CATERPILLAR®

XEBP0044-02
December 2008

320D 320D L Track-Type Excavators

Powered by C6.4 Engine

© 2008 Caterpillar
All Rights Reserved

HOW TO USE THE PARTS MANUAL

Caterpillar Parts Manuals include illustrations of the groups or assemblies which make up the machine. These illustrations show the standard components plus many of the attachments available for the machine.

The alphabetical index located in the front part of the book should be used to determine the page number on which specific illustrations are shown. Reference to those pages will identify each of the individual serviceable parts.

Captions

The caption under each illustration identifies the part number and name of the group or assembly shown. If more than one illustration is included for any group, the caption identifies the specific machine serial numbers to which each illustration applies. In some cases it is not possible to determine the specific machine serial numbers to which different illustrations are applicable. In those cases the caption identifies the illustration as “First Type”, “Second Type”, etc. Reference to the actual group or assembly is necessary in those cases to determine which illustration should be used.

Captions provide additional information such as page numbers where illustrations of sub assemblies are shown, information regarding quantities used and other information intended to assist the user in determining parts needs.

This information indicates the effective serial number or effective date on which changes became effective.

Example :

D95.05- : Applicable on and after May 1995

↑ D indicates the nineteen hundreds.

T00.05- : Applicable on and after May 2000

↑ T indicates the two thousands.

Indented Part Names

Within each illustration is a parts list identifying each serviceable part in the illustration. When a part name is indented in this list, it means that serviceable item is a part of the serviceable item under which it is indented.

Abbreviations and Symbols

R.H. Right Hand
L.H. Left Hand
} Refers to the side of the machine as viewed from the operator's compartment.

L Length
T Thickness
Z Number of Gear Teeth
O.D. Outside Diameter
I.D. Inside Diameter
O.S. Over Size
U.S. Under Size
N/S Not Serviced
AS Assembly
NOM Nominal

Abbreviations of Wire Colors

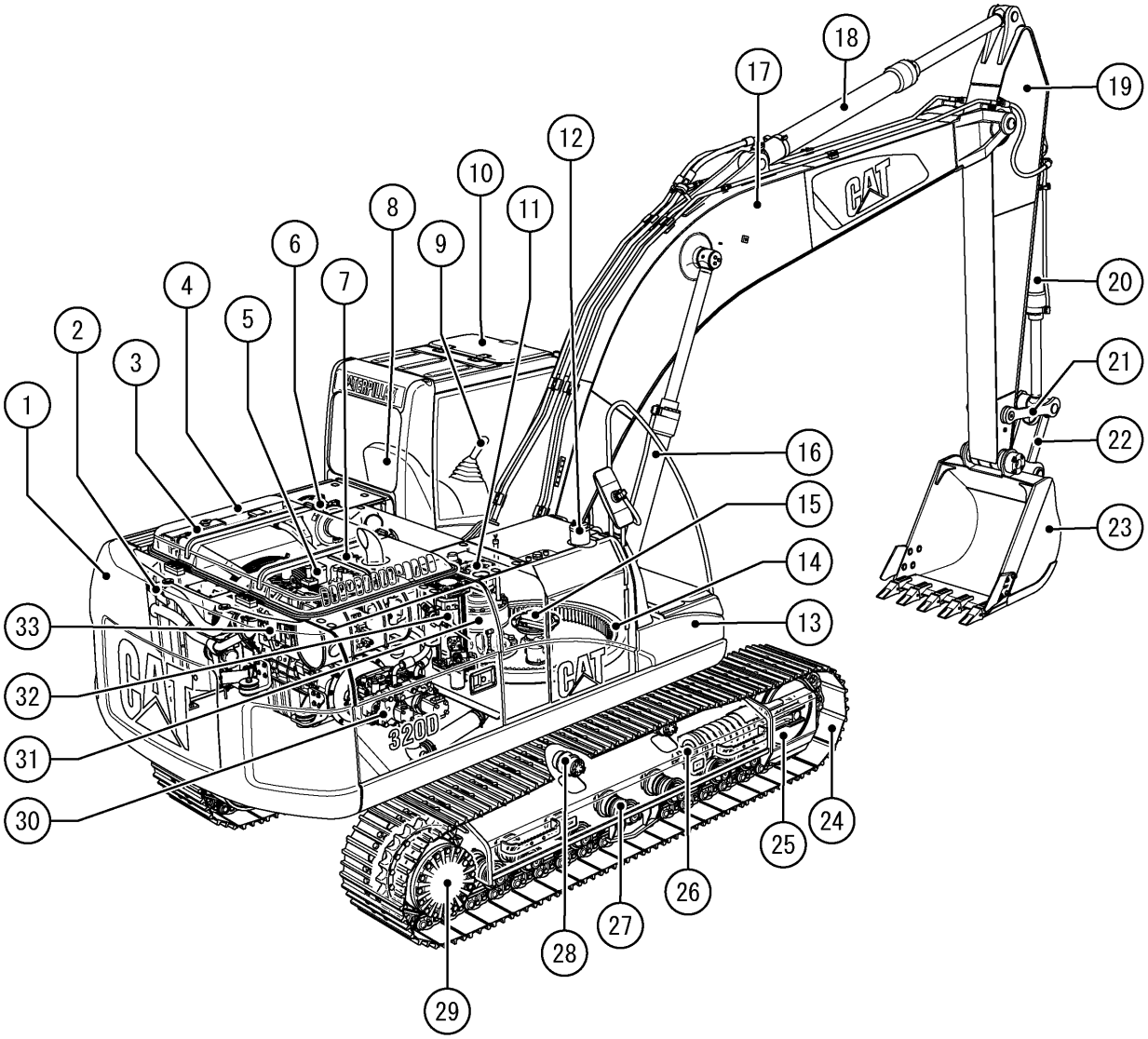
RD	:Red	BR	:Brown
WH	:White	GN	:Green
OR	:Orange	BU	:Blue
YL	:Yellow	T	:Tan
PK	:Pink	DK/BU	:Dark Blue
BK	:Black	DK/GN	:Dark Green
GY	:Gray	LT/BU	:Light Blue
PU	:Purple	LT/GN	:Light Green

Note

Continuing improvement and advancement of product design may cause changes to your machine which may not be included in this publication. Each publication is reviewed and revised, as required, to update and include these changes in later editions.

Whenever a question arises regarding your Caterpillar product, or this publication, please consult your Caterpillar dealer for the latest available information.

MODEL VIEW



	PAGE		PAGE		PAGE
① Counterweight	267	⑫ Fuel Tank	84	㉓ Bucket	793
② Aftercooler	56	⑬ Storage Box	258	㉔ Track	316
③ Radiator & Oil Cooler	54	⑭ Swing Bearing	274	㉕ Idler	293
④ Engine Cover	236	⑮ Swivel	518	㉖ Track Adjuster	297
⑤ Battery	92	⑯ Boom Cylinder	356	㉗ Track Roller	307
⑥ Air Cleaner	64	⑰ Boom	742	㉘ Carrier Roller	307
⑦ Control Valve	536	⑱ Stick Cylinder	358	㉙ Final Drive	231
⑧ Operator Seat	680	⑲ Stick	752	㉚ Pump	338
⑨ Control Lever	519	⑳ Bucket Cylinder	366	㉛ Swing Drive	500
⑩ Cab	606	㉑ Link	768	㉜ Return Filter	328
⑪ Hydraulic Tank	322	㉒ Rod	768	㉝ Engine	13

REPLACEMENT ITEMS

The following chart provides a convenient listing of those items which require occasional replacement during normal operation or maintenance.

DESCRIPTION	PART NO.	QTY. USED	PAGE NO.
Filter			
Air Conditioner Filter	245-7823	1	711
Air Filter			
Primary Filter Assembly	131-8822	1	65
Secondary Filter Assembly	131-8821	1	65
Cab Air Filter	293-1184	1	717
Engine Oil Filter	1R-0739	1	45
Fuel Filter	1R-0751	2	79
Hydraulic Oil Drain Filter	093-7521	1	329
Hydraulic Oil Pilot Filter	126-1813	1	331
	5I-8670	1	332
Hydraulic Oil Tank Return Filter	179-9806	1	328
Water Separator Element	1R-0770	1	83
V-Belt			
Alternator & Fan Belt	294-1781	1	35
Refrigerant Compressor V-Belt	255-2927	1	729

LIST OF ATTACHMENTS

The following chart provides a convenient listing of attachments with their reference page numbers as a quick reference for parts ordering.

	Consists of:	Page
284-4442	A/C CONDENSER MOUTING	707
290-1912	ADDITIONAL GEAR TRAIN FOR AUXILIARY PUMP	347
235-9003	AIR CONDITIONER	707
264-8671	AIR PREFILTER	66
231-1771	ALARM, TRAVEL	208
	BOOM	
240-3833	M-BOOM, MASS 5.2M (BWZ1-Up, DFB1-Up)	732
240-3828	R-BOOM, REACH 5.7M	731
240-3830	R-BOOM, REACH 5.7M (Heavy Duty)	731
	BUCKET	
	EXCAVATION (X)	
255-0395	B Family 970MM Wide-0.8Cu.M.(ESCO)	784
239-2683	B Family 972MM Wide-0.8Cu.M.-Adapter Size J300	779
239-2573	B Family 1000MM Wide-0.8Cu.M.-Adapter Size K80	783
255-0398	B Family 1090MM Wide-0.9Cu.M.(ESCO)	784
239-2686	B Family 1092MM Wide-0.9Cu.M.-Adapter Size J300	779
239-2576	B Family 1120MM Wide-0.9Cu.M.-Adapter Size K80	783
239-2579	B Family 1150MM Wide-1.0Cu.M.-Adapter Size J300	780
239-2564	CB Family 1345MM Wide-1.1Cu.M.-Adapter Size J400	780
239-2695	CB Family 1435MM Wide-1.2Cu.M.-Adapter Size J400	781
	For Demolition	
239-2582	B Family 990MM Wide-0.8Cu.M.-Adapter Size K90	785
239-2692	B Family 1100MM Wide-0.9Cu.M.-Adapter Size J350	782
	For Hammer	
239-2689	B Family 980MM Wide-0.8Cu.M.-Adapter Size J350	782
239-2585	B Family 1110MM Wide-0.9Cu.M.-Adapter Size K90	785
	BUCKET LINKAGE	
247-7453	B1 FAMILY (Casting Type)	737
240-3860	B1 FAMILY (Fabrication Type)	737
229-1772	CB2 FAMILY	738
240-3867	For Demolition	738
	CAB	
229-9108	METAL ROOF HATCH CAB (BWZ1-Up, DFB1-Up)	608
229-9096	SKYLIGHT HATCH CAB	606

LIST OF ATTACHMENTS

Consists of:		Page
	COUNTERWEIGHT	
241-2005	COUNTERWEIGHT (Without Lifting Eye) (BWZ1-Up, DFB1-Up)	271
241-2002	EXTRA COUNTERWEIGHT (BWZ1-Up, DFB1-Up)	269
	FILM	
240-3894	DEMOLITION (BWZ1-Up, SNS1-Up)	844
240-3895	DEMOLITION (DFB1-Up, WJN1-Up)	845
240-3896	HAMMER (BWZ1-Up, SNS1-Up)	842
240-3897	HAMMER (DFB1-Up, WJN1-Up)	843
	FLOOR MAT	
240-5071	BASIC	668
245-7794	Combined Function	670
240-5073	Single Function	669
	GUARD	
289-6425	BOTTOM, HEAVY DUTY (BWZ1-Up, DFB1-Up)	265
274-2503	BUCKET CYLINDER (For Demolition)	389
266-8035	BUCKET CYLINDER (For Hammer)	390
178-5549	FOGS	655
171-7485	CAB FRONT (SNS1-Up, WJN1-Up)	658
164-0497	CAB TOP (SNS1-Up, WJN1-Up)	656
278-9257	RUBBER BUMPER (BWZ1-Up, DFB1-Up)	287
134-8875	SWIVEL (SNS1-Up, WJN1-Up)	266
	TRACK GUIDE	
120-7165	Full Length (BWZ1-Up)	302
120-7168	Full Length (DFB1-Up)	303
120-7164	Track End Guide (BWZ1-Up)	304
120-7167	Track End Guide (DFB1-Up)	305
164-0534	WINDSHIELD, FRONT (Full Net) (For Hammer)	660
164-0535	WINDSHIELD, FRONT (Half Net) (For Demolition)	662
259-7483	HAND CONTROL PATTERN CHANGER (4 Ways)	446
273-5168	HEATER & DEFROSTER	708
	HYDRAULIC SYSTEMS, AUXILIARY	
	BOOM LINE GROUPS	
	M-Boom (5.2M)	
242-6481	Drain Lines	429
242-6479	High Pressure Lines	412
242-6480	Medium Pressure Lines	420

LIST OF ATTACHMENTS

Consists of:		Page
	R-Boom (5.7M)	
242-6477	Drain Lines	428
242-6475	High Pressure Lines	410
242-6476	Medium Pressure Lines	418
179-5146	With Slow Return Valve (For Demolition)	400
	STICK LINE GROUPS	
	M2.4CB2 & R2.5B1 Stick	
242-6493	Drain Lines	434
237-3184	High Pressure Lines	416
242-6492	Medium Pressure Lines	426
	R2.9B1 Stick	
242-6489	Drain Lines	432
242-6487	High Pressure Lines	415
242-6488	Medium Pressure Lines	424
	R3.9B1 Stick	
242-6485	Drain Lines	430
242-6483	High Pressure Lines	414
242-6484	Medium Pressure Lines	422
	TOOL CONTROL	
	Additional Circuit	
260-8012	Drain Circuit	498
247-7459	HYDRAULIC RETURN FILTER FOR HAMMER	448
	Combined Function	
259-7493	2 Pump	444
259-7495	2 Pump (Medium Pressure)	445
	Single Function	
259-7492	1 Pump	443
259-7494	2 Pump	443
259-7707	JOYSTICK	519
	LIGHT	
259-5048	M-BOOM, RIGHT SIDE	220
259-5047	R-BOOM, RIGHT SIDE	216
	WORKING, CAB MOUNTED (Time Delay)	
238-1628	For Use With Cab Guard	212
238-1627	Without Cab Guard	210
	LONG REACH FRONT (15.6M)	
	BUCKET	
7Y-6402	810MM Wide-0.45Cu.M.-Backhoe (DFB1-Up)	801
121-1807	1140MM Wide-0.6Cu.M.-Ditch Cleaning (DFB1-Up)	800

LIST OF ATTACHMENTS

Consists of:		Page
302-9207	LONG REACH FRONT (DFB1-Up)	740
234-6500	LUNCH BOX COVER	639
299-2831	MACHINE SECURITY SYSTEMS	650
279-2732	NEW SHOVEL CRANE (BWZ1-Up)	11
279-2733	NEW SHOVEL CRANE (DFB1-Up)	12
	OPTIONAL SEAT	
240-4999	KAB 84/E1P SEAT (BWZ, DFB, SNS, WJN (1-T08.12))	694
327-6500	KAB 61K1 SEAT (BWZ, DFB, SNS, WJN (T09.01-Up))	694.01
240-5064	KAB 86/E4P SEAT (With Seat Heater) (BWZ, DFB, SNS, WJN (1-T08.12))	699
327-6503	KAB 65K4 SEAT (With Seat Heater) (BWZ, DFB, SNS, WJN (T09.01-Up))	699.01
240-5001	KAB E1P SEAT (BWZ, DFB, SNS, WJN (1-T08.12))	680
327-6499	KAB K1 SEAT (BWZ, DFB, SNS, WJN (T09.01-Up))	680.01
240-5056	KAB E1P SEAT (Vinyl) (BWZ, DFB, SNS, WJN (1-T08.12))	690
327-6498	KAB K1 SEAT (Vinyl) (BWZ, DFB, SNS, WJN (T09.01-Up))	690.01
229-9094	HEADREST (For KAB 84/E1P & E1P) (BWZ, DFB, SNS, WJN (1-T08.12))	705
327-6515	HEADREST (For KAB 61K1 & K1) (BWZ, DFB, SNS, WJN (T09.01-Up))	705.01
240-5060	HEADREST (For KAB E1P Vinyl Seat) (BWZ, DFB, SNS, WJN (1-T08.12))	705
327-6514	HEADREST (For KAB K1 Vinyl Seat) (BWZ, DFB, SNS, WJN (T09.01-Up))	705.01
240-5037	SEAT BELT (BWZ, DFB, SNS, WJN (1-T08.12))	703
305-0467	SEAT BELT (BWZ, DFB, SNS, WJN (T09.01-Up))	703.01
275-3668	Product Link Japan	195
251-0536	RADIO (AM/FM)	652
161-3750	RAIN PROTECTOR, CAB FRONT	654
	REAR VIEW CAMERA	
	CAB MIRRORS	
327-6553	With Guard	665.04
327-6552	Without Guard	665.03
314-3734	RIGHT SIDE MIRRORS	665.05
	SIDECUTTER	
7Y-0729	B FAMILY	804
7Y-0366	C FAMILY	804
251-0542	START SWITCH PANEL (Without CAT MSS)	142
	STARTING, COLD WEATHER	
240-3893	FILM (32WR Hydraulic Oil Package)	849
299-2783	STARTING AID	150

LIST OF ATTACHMENTS

	Consists of:	Page
	STICK	
	FOR THE MASS (5.2M) BOOM ONLY	
240-3846	M2.4CB2 Stick (Auxiliary)	736
	FOR THE REACH (5.2M) BOOM ONLY	
240-3882	R2.5B1 Stick (Auxiliary)	735
240-3854	R2.5B1 Stick (Auxiliary) (Heavy Duty)	736
240-3839	R2.9B1 Stick	733
240-3849	R2.9B1 Stick (Auxiliary)	734
240-3852	R2.9B1 Stick (Auxiliary) (For Demolition)	735
240-3851	R2.9B1 Stick (Auxiliary) (Heavy Duty)	734
240-3845	R3.9B1 Stick (Auxiliary)	733
161-3751	SUN VISOR	653
	TIP	
	ADAPTER SIZE J300	
8E-3756	Abrasion, Heavy Duty	807
9J-3167	Long	805
8E-3751	Long, Heavy Duty	805
3G-3237	Penetration	807
9W-9188	Sharp-Center	808
9W-9189	Sharp-Corner	808
9J-3175	Short	806
4T-2215	Wide	806
	ADAPTER SIZE J350	
8E-3757	Abrasion, Heavy Duty	811
8J-4955	Long	809
8E-3752	Long, Heavy Duty	809
3G-3236	Penetration	811
9W-6472	Sharp-Center	812
9W-6473	Sharp-Corner	812
8J-4954	Short	810
8J-4953	Wide	810
	ADAPTER SIZE J400	
8E-0837	Abrasion, Heavy Duty	815
127-0716	Long	813
6Y-5472	Long, Heavy Duty	814
8E-0838	Penetration	816
8E-0840	Sharp-Center	816
8E-0839	Sharp-Corner	817
127-0715	Short	815
8E-0836	Wide	814

LIST OF ATTACHMENTS

	Consists of:	Page
	ADAPTER SIZE K80	
229-6968	Double Spike	820
229-6964	Extra Duty	818
229-6969	General Duty	820
229-6965	Penetration	818
229-6966	Penetration Plus	819
229-6967	Spike	819
229-6963	Wide	817
	ADAPTER SIZE K90	
217-4895	Double Spike	823
217-4891	Extra Duty	821
217-4896	General Duty	824
217-4892	Penetration	822
217-4893	Penetration Plus	822
217-4894	Spike	823
217-4890	Wide	821
	TOOL	
176-2676	TOOL KIT	825
117-4166	WRENCH (For Demolition)	827
	TRACK	
	TRIPLE GROUSER	
194-1920	600MM (BWZ1-Up, SNS1-Up)	316
194-1910	600MM (DFB1-Up, WJN1-Up)	318
194-1917	700MM (BWZ1-Up, SNS1-Up)	316
194-1911	700MM (DFB1-Up, WJN1-Up)	318
247-7382	800MM (BWZ1-T08.08, SNS1-T08.08)	317
314-3797	790MM (BWZ T08.09-Up, SNS T08.09-Up)	317.01
247-7346	800MM (DFB1-T08.08, WJN1-T08.08)	319
314-3798	790MM (DFB T08.09-Up, WJN T08.09-Up)	319.01
	TRACK ROLLERS	
5Q-3226	DOUBLE FLANGE (BWZ1-Up, SNS1-Up)	309
5Q-3227	DOUBLE FLANGE (DFB1-Up, WJN1-Up)	310
229-9070	WINDOW WASHER	640
229-9086	WIPER, LOWER WINDSHIELD	642
251-0482	12V-7A POWER SUPPLY SOCKET	157

INDEX

Name Page

A

ACCUMULATOR GP 349
ADJUSTER GP - BUCKET 802
ADJUSTER KIT - LOWER SLIDE 687
ADJUSTER KIT - UPPER SLIDE 686
AIR CLEANER GP 65
67
AIR CONDITIONER & MOUNTING GP 712
AIR CONDITIONER AR 707
AIR CONDITIONER GP 710
ALARM GP 118
ALARM GP - TRAVEL 208
ALTERNATOR GP - CHARGING 202
ARM AS - WIPER 636
ARMREST GP 676

B

BATTERY & WIRING GP 90
BATTERY & WIRING GP - COLD WEATH 150
BLOCK GP - HYDRAULIC 335
BOOM AR 732
BOOM AR - 1 PIECE LONG 731
BOOM GP 742
BOX & MTG GP - STORAGE 256
BOX GP - STORAGE 258
BRACKET GP - MTG 665.07
BRACKET KIT - CONSOLE 688
BREATHER GP 43
BUCKET & ADJUSTER GP 786
BUCKET AR 779
BUCKET AS - DITCH CLEANING 800
BUCKET AS - EXCAVATION 793
BUCKET AS - GENERAL PURPOSE 801
BUCKET GP 801
BUMPER GP - SIDE 286

C

CAB GP 606
CAB GP (BASIC) 610
CAB GP - EXTERIOR 618
CAB GP - INTERIOR 614

Name Page

CABLE AS 104
152
CAMSHAFT GP 21
CARTRIDGE AS - TURBOCHARGER 61
CLEANER AR 66
COMPRESSOR GP - REFRIGERANT 728
CONDENSER & MTG GP - REFRIGERANT 724
CONDENSER GP - REFRIGERANT 726
CONSOLE GP 672
CONSOLE GP - OPERATOR 671
CONTROL & MTG GP - ELECTRONIC 193
CONTROL & MTG GP - JOYSTICK 519
CONTROL AR 195
CONTROL AR - AUXILIARY 443
CONTROL GP 650
CONTROL GP - ELECTRONIC 192
CONTROL GP - HYDRAULIC 528
CONTROL GP - PILOT OPERATED HYD 522
526
COOLER GP - ENGINE OIL 46
COUNTERWEIGHT GP 267
COUPLING GP - FLEXIBLE 337.01
COUPLING GP - PUMP 337
COVER AS 252
639
COVER GP 253
638
COVER GP - VALVE MECHANISM 28
CRANKSHAFT GP 20
CYLINDER & LINES GP - BOOM 350
CYLINDER & LINES GP - BUCKET 353
CYLINDER & LINES GP - STICK 351
CYLINDER & SEAL GP - BOOM 356
CYLINDER & SEAL GP - BUCKET 366
CYLINDER & SEAL GP - STICK 358
CYLINDER BLOCK GP 18
CYLINDER GP - BUCKET 374
CYLINDER HEAD GP 24

D

DOOR AS 246
250.02

INDEX

Name Page

DOOR GP 244
DOOR GP - CAB 622
DRIVE GP - PUMP 347
DRIVE GP - SWING 500
DUCT GP - AIR 716

E

ELECTRONICS GP 190
ENGINE AR 13
14
ENGINE AR - COMPLETE 13

F

FAN GP - SUCTION 50
FASTENER GP - SWING & FINAL DR 234
FENDER & COVER GP 260
FILM GP 840
FILTER & MTG GP - ENGINE OIL 44
FILTER & MTG GP - FUEL 74
FILTER AR 448
FILTER AS 334
FILTER GP 83
FILTER GP - ENGINE OIL 39
FILTER GP - FUEL 78
FILTER GP - HYDRAULIC 328
FINAL DRIVE GP 231
FLOORMAT 668
FLYWHEEL GP 33
FRAME AS - UNDERCARRIAGE 288
FRAME GP - UPPER 280

G

GAUGE AS 327
GEAR & BEARING GP - SWING 274
GEAR GP - FRONT 32
GUARD AR - OVERHEAD 655
GUARD GP - BOTTOM 263
GUARD GP - CYLINDER 389
GUARD GP - FRONT 306
GUARD GP - FRONT WINDOW 658
GUARD GP - OVERHEAD 656

Name Page

GUARD GP - SWIVEL 266
GUARD GP - TRACK GUIDE 301
GUARD GP - TRAVEL MOTOR 314

H

HANDHOLD GP 262
HARNESS AS 100
112
122
125
128
138
140
141.01
146
155
168
172
180
188
189.05
225
229
HATCH AS 633
HATCH GP 632
634
HEAD GP - PUMP CONTROL 342
HEADREST AS 705
HEATER & MTG GP - CAB 714
HEATER AR - CAB 708
HOOD & GUARD GP 238
HOOD GP 250.01
251
HOOD GP - ENGINE 236
HORN GP - ELECTRIC 663
HOUSING GP - FLYWHEEL 34
HOUSING GP - FRONT 30

INDEX

Name Page

I

IDLER GP - FRONT 293
INJECTOR GP - FUEL 77.01
INSTALLATION AR 665.05

K

KNOB AS 523

L

LAMP GP - FLOOD 222
LEVER AS 620
678

LIGHTING GP - BOOM 214
LIGHTING GP - CAB 210
LIGHTING GP - CHASSIS 209
LIGHTING GP - WARNING 226
LINES & CONTROL GP - FRONT 480
LINES & CONTROL GP - REAR 484
LINES GP - AIR 63
LINES GP - AIR CONDITIONER 718
LINES GP - AUXILIARY HYDRAULIC 410
LINES GP - BOOM 392
LINES GP - BOOM CYLINDER 376
LINES GP - BUCKET CYLINDER 385
LINES GP - COOLING 51
LINES GP - DRAIN 70
428

498

LINES GP - ENGINE OIL 40
LINES GP - FRONT 486
LINES GP - FUEL 76
80

LINES GP - GREASE 762
LINES GP - HEATER 722
LINES GP - OIL DRAIN 42
LINES GP - PILOT 450
LINES GP - PUMP 442
LINES GP - RETURN 497
LINES GP - SENSOR 391
LINES GP - STICK 404

Name Page

LINES GP - STICK CYLINDER 382
LINES GP - TRAVEL MOTOR 436
LINES GP - TURBOCHARGER OIL 41
LINES GP - WATER 49
LINK AS - TRACK 320
LINKAGE AR 739
LINKAGE AR - BUCKET 737
LINKAGE AR - FRONT 740
LINKAGE GP - BUCKET 768
LITERATURE GP 706
LOCK GP - TRANSPORT 767

M

MANIFOLD GP - EXHAUST 59
MANIFOLD GP - INLET 58
MIRROR AR 665.01
MIRROR GP 665.02
MIRROR GP - REAR VIEW 665
MONITOR & MTG GP - OPERATOR 647
MONITOR GP - OPERATOR 648
MOTOR & MTG GP - SWING 504
MOTOR & MTG GP - TRAVEL 510
MOTOR AS - WINDOW WIPER 637
MOTOR GP - SWING 506
MOTOR GP - TRAVEL 512
MOUNTING GP 196
621

665.06

MOUNTING GP - AIR CLEANER 64
MOUNTING GP - ALTERNATOR 37
MOUNTING GP - ENGINE 38
MOUNTING GP - GREASE GUN 255
MOUNTING GP - PLATFORM 666
MOUNTING GP - PUMP 75.01
MOUNTING GP - STARTING MOTOR 203
MOUNTING GP - VALVE 533
MUFFLER GP 62

P

PAN GP - OIL 36
PANEL GP - CIRCUIT BREAKER 132

INDEX

Name	Page
PANEL GP - SWITCH	142
PISTON & ROD GP	22
PLATE & FILM GP	828
PLATFORM GP - OPERATOR	667
PLUG GP	560
PULLEY AS	730
PULLEY GP	35
PUMP & MOUNTING GP	336
PUMP AS - WATER	48
PUMP GP - GEAR	346
PUMP GP - MAIN HYDRAULIC	338
PUMP GP - WATER	47

R

RADIATOR & HYD OIL COOLER GP	54
RADIO GP - AM/FM	652
ROLLER AR - TRACK & CARRIER	307
ROLLER GP - TRACK CARRIER	311
ROLLER GP - TRACK - DOUBLE FLANGE	313
ROLLER GP - TRACK - SINGLE FLANGE	312

S

SCREEN GP	326
SEAT BELT GP	703
SEAT GP	680
	690
	694
	699
SEAT KIT	683
	693
	702
SENSOR & MOUNTING GP	198
SENSOR GP - ELECTRONIC	204
SENSOR GP - LEVEL	197
SERVICE KIT	402
SHEET AS	248
	254
SIDECUTTER GP	804
SPECIAL AR	11
SPROCKET GP - NONSEGMENTED	230
STARTING MOTOR GP - ELECTRIC	200
STEP GP	292
STICK AR	733
STICK AR - HOE	733
STICK GP - HOE	752
SUPPORT GP - SEAT	679
	685
SUPPORT KIT - SEAT	689
SUPPORT KIT - TILT	684
SUSPENSION GP - SEAT	696
SUSPENSION KIT - SEAT	698
SWITCH AS	134
	228
SWITCH AS - DISCONNECT	135
SWITCH AS - MAGNETIC	149
SWITCH AS - ROLLER	228
SWITCH AS - ROTARY	148
SWITCH GP - START	147
SWIVEL GP	518

T

TANK & FILTER GP - HYDRAULIC	324
TANK & LINES GP - HYDRAULIC	440
TANK & MTG GP - FUEL	84
TANK & MTG GP - HYDRAULIC	322
TANK AS - WINDOW WASHER	641
TANK GP - FUEL	85
TIMER AS	227
TIP GP	808
	812
	816
TIP GP - ABRASION	807
	811
	815
TIP GP - LONG	805
	809
	813

INDEX

Name Page

TIP GP - PENETRATION 807
811
816
818
822
TIP GP - SHORT 806
810
815
TIP GP - WIDE 806
810
814
817
821
TOOL AR 825
TOOL GP 826
TRACK ADJUSTER & RECOIL GP 297
TRACK GP 316
TURBOCHARGER GP 59.01

V

VALVE & MOUNTING GP 534
VALVE AR - 4 WAY 446
VALVE AR - CHECK & RELIEF 447
VALVE AS 82
VALVE AS - BALL 602
VALVE GP - CHECK 596
VALVE GP - CHECK & RELIEF 592
VALVE GP - CONTROL 540
548
556
575
VALVE GP - CUSHION CROSSOVER RLF 584
VALVE GP - FLOW CONTROL & RELIEF 561
VALVE GP - MAIN CONTROL 536
VALVE GP - PILOT 520
524
532
566

Name Page

VALVE GP - PILOT RELIEF 547
564
574
VALVE GP - PRESS REDUCING SOL 576
VALVE GP - PRESSURE REDUCING 582
VALVE GP - RELIEF 509
517
538
546
554
562
588
VALVE GP - SELECTOR 577
VALVE GP - SHUTTLE 603
VALVE GP - SOLENOID 555
586
VALVE GP - TRACTION CONTROL 516
VALVE MECHANISM GP 26
VISOR GP - PROTECTION - RAIN 654
VISOR GP - SUN 653

W

WASHER GP - WINDOW 640
646
WINDOW AS 631
WINDOW GP 626
630
WINDOW GP - CAB 629
WINDOW GP - DOOR 625
WIPER & WASHER GP - WINDOW 644
WIPER AR - WINDOW 642
WIPER GP - WINDOW 635

INDEX

Name	Page	Name	Page
WIRING GP	131		
	136		
	139		
	154		
	157		
	174		
	189.01		
WIRING GP - BOOM	184		
	189		
WIRING GP - CAB	106		
	170		
	176		
	189.03		
WIRING GP - CHASSIS	137		
WIRING GP - CONSOLE	119		
	124		
WIRING GP - ELECTRONIC CONTROL	206		
WIRING GP - HEATER	141		
WIRING GP - LOWER WIPER	156		
WIRING GP - PLATFORM	126		
WRENCH	827		

Consists of :

			Page
1	161-9604	GUARD GP-FRONT	306
1	210-2921	LIGHTING GP-WARNING	226
1	239-8677	VALVE AR-CHECK & RELIEF	447
1	257-2926	LINKAGE AR	739
1	257-2927	SENSOR & MOUNTING GP	198
1	257-2928	SENSOR & MOUNTING GP	199
1	257-2929	SENSOR GP-LEVEL	197
1	279-2860	FILM GP	846
1	270-5974	VALVE AR-CHECK & RELIEF	447
1	267-7890	WIRING GP-BOOM	184
1	267-7891	WIRING GP-CAB	176
1	267-7924	WIRING GP-BOOM	189
1	294-1436	FRAME GP-UPPER	284
1	269-1596	BOOM GP	746
1	269-1597	STICK GP-HOE	760
1	270-9972	FENDER & COVER GP	261
1	272-4170	LINES GP-PILOT	472
1	272-4171	LINES GP-SENSOR	391
1	275-1539	LINES GP-PILOT	474

H94171E 00

279-2732 SPECIAL AR
S/N BWZ 1-Up
An Attachment

MACHINE ARRANGEMENT

Consists of :

			Page
1	161-9604	GUARD GP-FRONT	306
1	210-2921	LIGHTING GP-WARNING	226
1	239-8677	VALVE AR-CHECK & RELIEF	447
1	257-2926	LINKAGE AR	739
1	257-2927	SENSOR & MOUNTING GP	198
1	257-2928	SENSOR & MOUNTING GP	199
1	257-2929	SENSOR GP-LEVEL	197
1	279-2864	FILM GP	847
1	270-5974	VALVE AR-CHECK & RELIEF	447
1	267-7890	WIRING GP-BOOM	184
1	267-7891	WIRING GP-CAB	176
1	267-7924	WIRING GP-BOOM	189
1	294-1436	FRAME GP-UPPER	284
1	269-1596	BOOM GP	746
1	269-1597	STICK GP-HOE	760
1	270-9972	FENDER & COVER GP	261
1	272-4170	LINES GP-PILOT	472
1	272-4171	LINES GP-SENSOR	391
1	275-1539	LINES GP-PILOT	474

H94172E 00

279-2733 SPECIAL AR
S/N DFB 1-Up
An Attachment

ENGINE ARRANGEMENT

Consists of :

			Page
1	230-2979	FAN GP-SUCTION	50
1	272-4676	ENGINE AR-COMPLETE	13

H95215E 00

272-4675 ENGINE AR

Consists of :

			Page
1	272-4677	ENGINE AR	14
1	296-4667	PULLEY GP	35

H99719E 05

272-4676 ENGINE AR-COMPLETE
Part of 272-4675-Page13

ENGINE ARRANGEMENT

Consists of :

			Page
		BASIC ENGINE	
1	296-4640	PAN GP-OIL	36
1	305-4744	CAMSHAFT GP	21
1	296-4650	CRANKSHAFT GP	20
1	296-4648	CYLINDER BLOCK GP	18
1	296-4645	CYLINDER HEAD GP	24
1	305-4910	VALVE MECHANISM GP	26
1	296-4647	COVER GP-VALVE MECHANISM	28
1	296-4644	FLYWHEEL GP	33
1	296-4643	HOUSING GP-FLYWHEEL	34
1	296-4651	GEAR GP-FRONT	32
1	296-4649	HOUSING GP-FRONT	30
1	296-4659	PISTON & ROD GP	22
1	296-4661	MOUNTING GP-ALTERNATOR	37
		LUBRICATION SYSTEM	
1	296-4654	FILTER GP-ENGINE OIL	39
1	296-4641	LINES GP-ENGINE OIL	40
1	296-4638	BREATHER GP	43
1	296-4636	LINES GP-TURBOCHARGER OIL	41

H99759E 10

272-4677 ENGINE AR (1/3)
Part of 272-4676-Page13

ENGINE ARRANGEMENT

Consists of :

			Page
		COOLING SYSTEM	
1	296-4655	PUMP GP-WATER	47
1	296-4658	LINES GP-WATER	49
1	296-4642	COOLER GP-ENGINE OIL	46
		AIR INLET AND EXHAUST SYSTEM	
1	296-4652	MANIFOLD GP-INLET	58
1	296-4653	MANIFOLD GP-EXHAUST	59
1	310-9617	TURBOCHARGER GP	59.01
1	297-7745	MUFFLER GP	62
		FUEL SYSTEM	
1	305-4745	FILTER GP-FUEL	78
1	296-4656	LINES GP-FUEL	76
6	310-9606	INJECTOR GP-FUEL	77.01
1	305-4678	MOUNTING GP-PUMP	75.01

H99760E 10

272-4677 ENGINE AR (2/3)
Part of 272-4676-Page13

ENGINE ARRANGEMENT

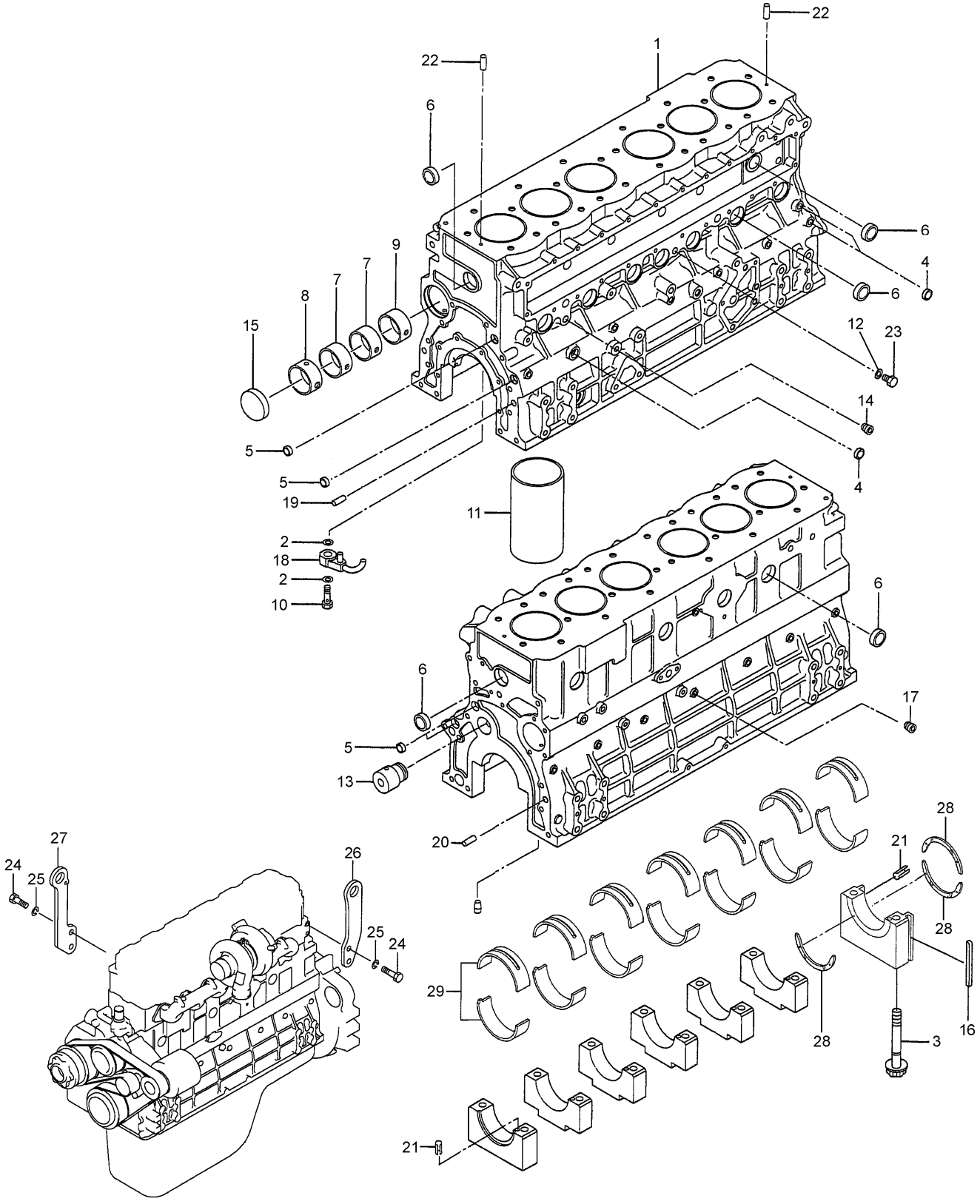
Consists of :

			Page
		ELECTRICAL AND STARTING SYSTEM	
1	296-4637	MOUNTING GP-STARTING MOTOR	203
1	296-4666	SENSOR GP-ELECTRONIC	204
1	296-4664	CONTROL & MTG GP-ELECTRONIC	194
1	296-4665	WIRING GP-ELECTRONIC CONTROL	206
1	300-4003	ELECTRONICS GP	

H99761E 10

272-4677 ENGINE AR (3/3)
Part of 272-4676-Page13

MEMORANDA



296-4648 CYLINDER BLOCK GP
Part of 272-4677-Page14

BASIC ENGINE

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1725	1	CRANKCASE AS					
	2	094-9424	12	GASKET					
	3	094-7741	14	BOLT					
	4	095-2005	2	CAP					
	5	096-3741	7	CAP					
	6	3P-1896	14	PLUG					
	7	5I-7528	2	BUSHING					
	8	5I-7529	1	BUSHING					
	9	5I-8009	1	BUSHING					
	10	139-7814	6	VALVE					
	11	5I-7523	6	SLEEVE					
	12	095-2039	1	WASHER					
	13	294-1721	1	SHAFT					
	14	195-8212	1	PLUG					
	15	5I-7525	1	PLUG					
	16	294-1720	2	SEAL					
	17	5I-7505	12	PLUG					
	18	294-1722	6	JET AS					
	19	099-4420	2	PIN					
	20	5I-7724	2	PIN					
	21	183-5916	6	PIN					
	22	4I-9664	2	PIN					
	23	8T-4191	1	BOLT (L=16mm)					
	24	5I-5181	4	BOLT (L=25mm)					
	25	096-2501	4	WASHER					
	26	294-1724	1	EYE					
	27	294-1723	1	EYE					
	28	5I-7654	3	PLATE (STANDARD)					
A		5I-7787	3	PLATE (OS=0.15mm)					
A		5I-7788	3	PLATE (OS=0.30mm)					
A		5I-7789	3	PLATE (OS=0.45mm)					
	29	5I-7588	7	BEARING SET (STANDARD)					
A		5I-7784	7	BEARING SET (US=0.25mm)					
A		5I-7785	7	BEARING SET (US=0.50mm)					
A		5I-7786	7	BEARING SET (US=0.75mm)					

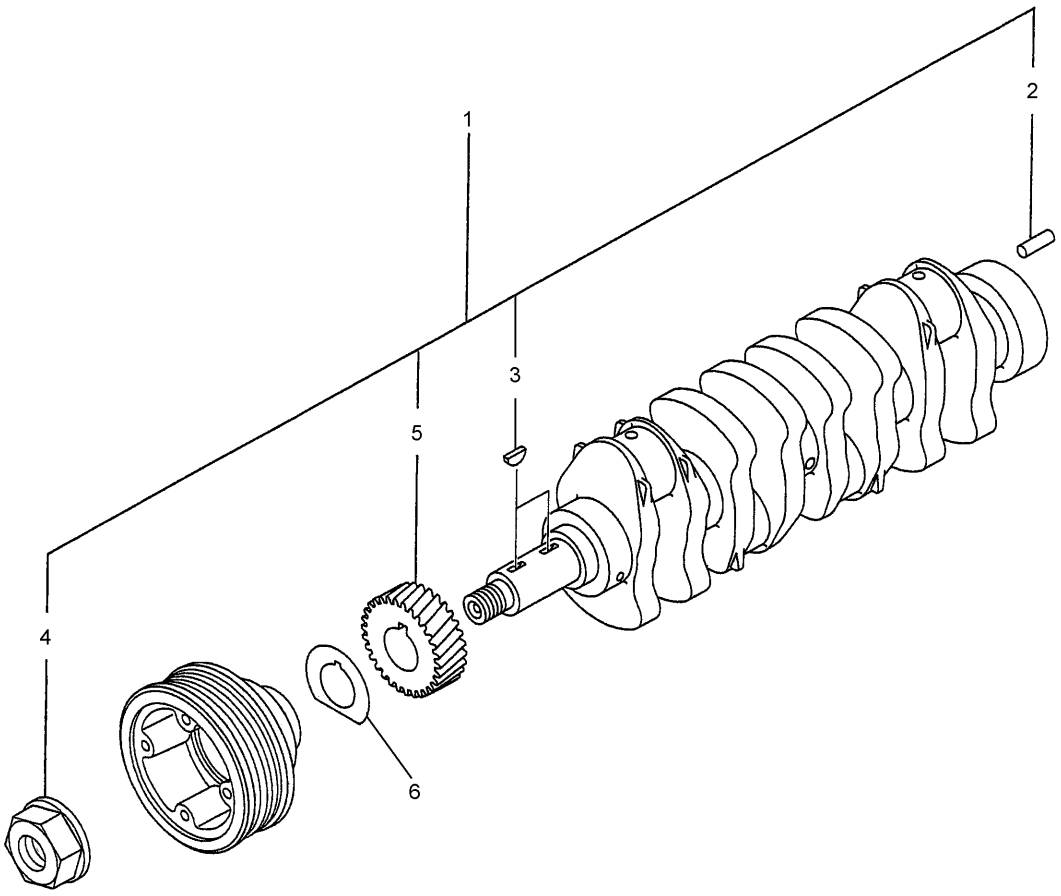
A—NOT PART OF THIS GROUP

HA0911E 02

296-4648 CYLINDER BLOCK GP

Part of 272-4677-Page14

BASIC ENGINE

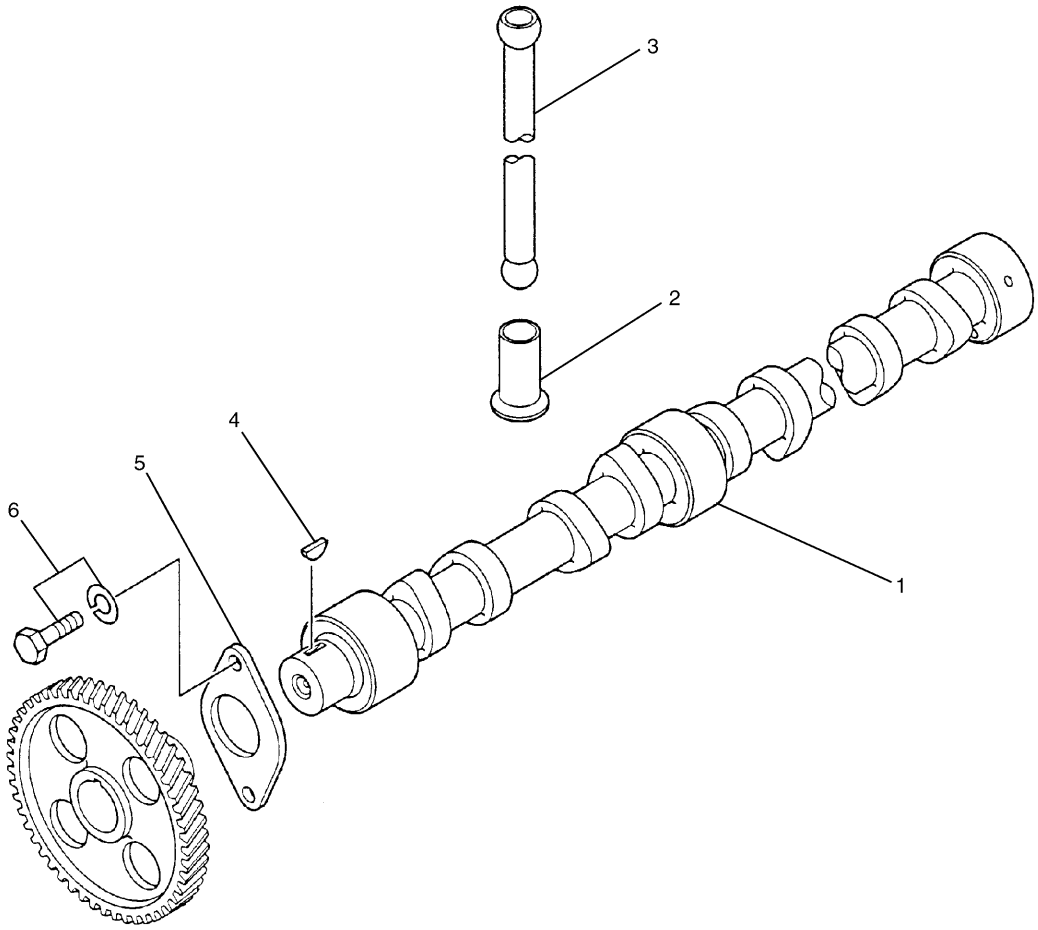


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1749	1	CRANKSHAFT AS					
	2	085-9513	2	PIN					
	3	094-4628	2	KEY					
	4	130-7596	1	NUT					
	5	294-1751	1	GEAR					
	6	233-1277	1	PLATE					

H96895E 00

296-4650 CRANKSHAFT GP

Part of 272-4677-Page14



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	305-4756	1	CAMSHAFT					
	2	279-7859	12	TAPPET					
	3	294-1716	12	ROD					
	4	094-4628	1	KEY					
	5	5I-7650	1	PLATE					
	6	6V-5215	2	BOLT (L=16mm)					

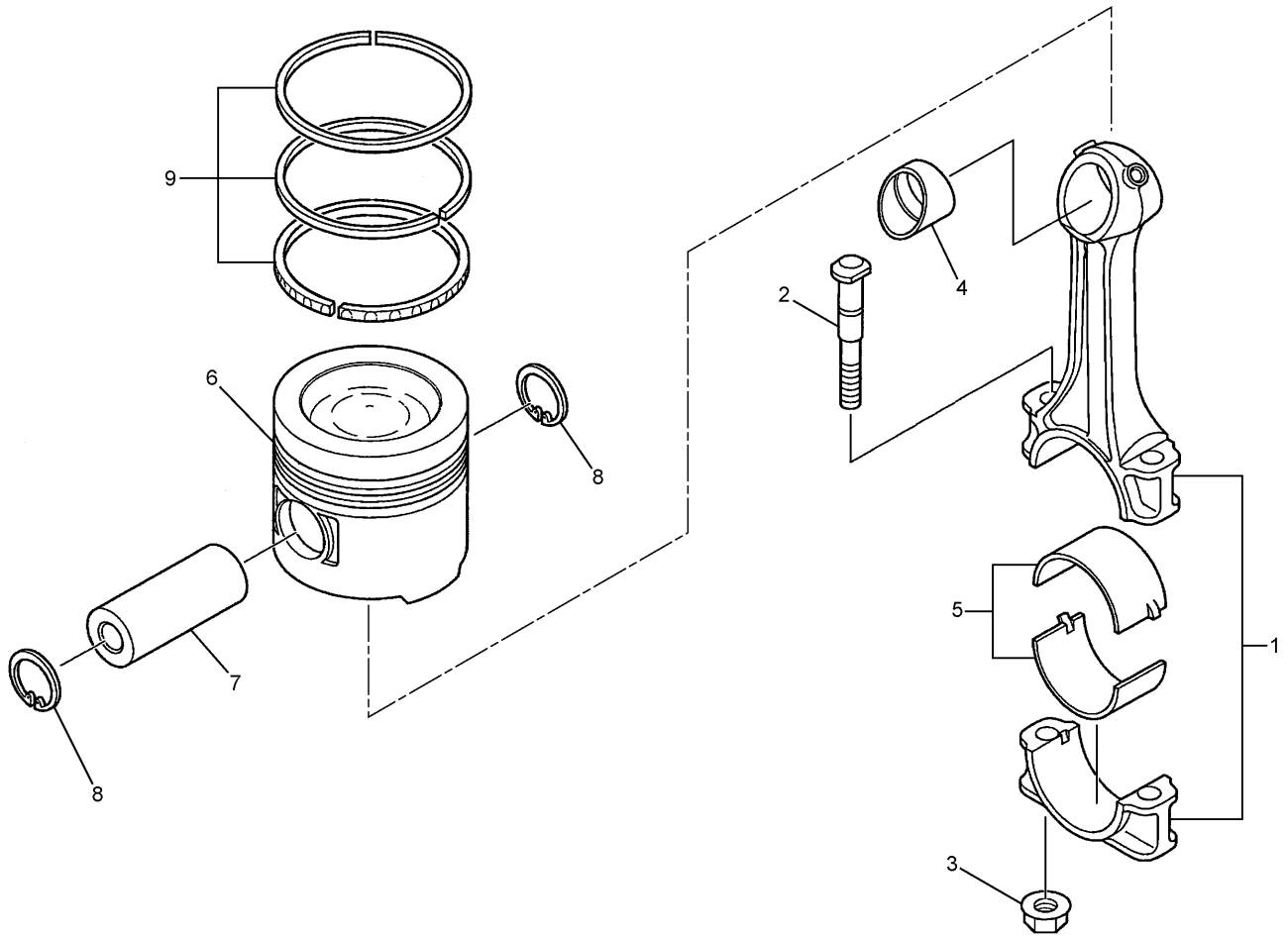
H96607E 00

305-4744 CAMSHAFT GP

Single

Part of 272-4677-Page14

BASIC ENGINE



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1747	6	ROD AS					
	2	094-7154	12	BOLT (L=85mm)					
	3	094-7516	12	NUT					
	4	296-4663	6	BUSHING					
	5	294-1748	12	BEARING					
A		297-7648	12	BEARING (US=0.25mm)					
A		297-7649	12	BEARING (US=0.50mm)					
A		297-7650	12	BEARING (US=0.75mm)					
	6	310-9509	6	PISTON (STANDARD)					
A		310-9510	6	PISTON (OS=0.25mm)					
A		310-9511	6	PISTON (OS=0.50mm)					
	7	094-7134	6	PIN					
	8	5I-7667	12	RING					
	9	178-6543	6	RING SET (STANDARD)					
A		178-6544	6	RING SET (OS=0.25mm)					
A		178-6545	6	RING SET (OS=0.50mm)					

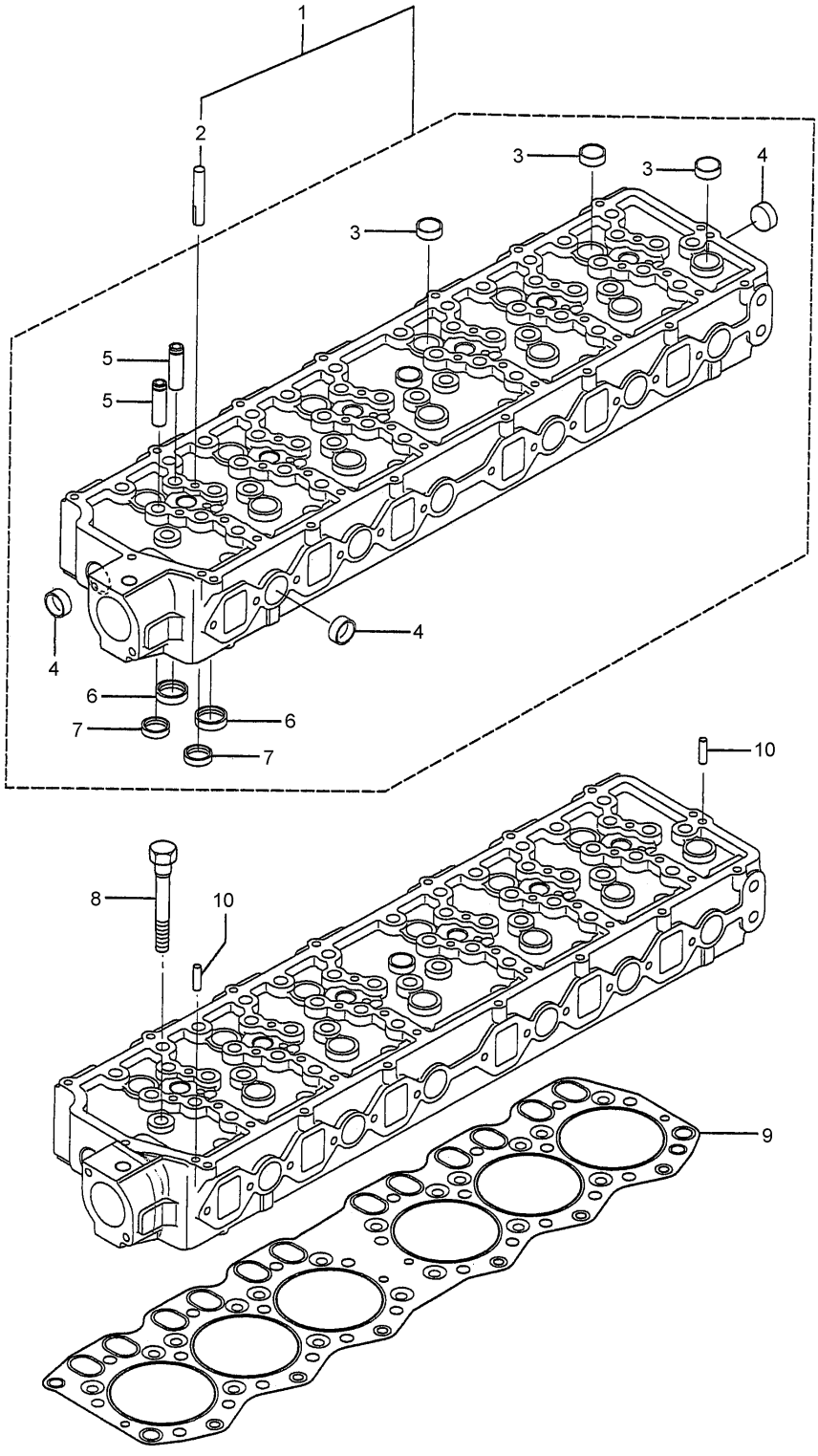
A—NOT PART OF THIS GROUP

H97936E 03

296-4659 PISTON & ROD GP

Part of 272-4677-Page14

MEMORANDA



H96478E 01

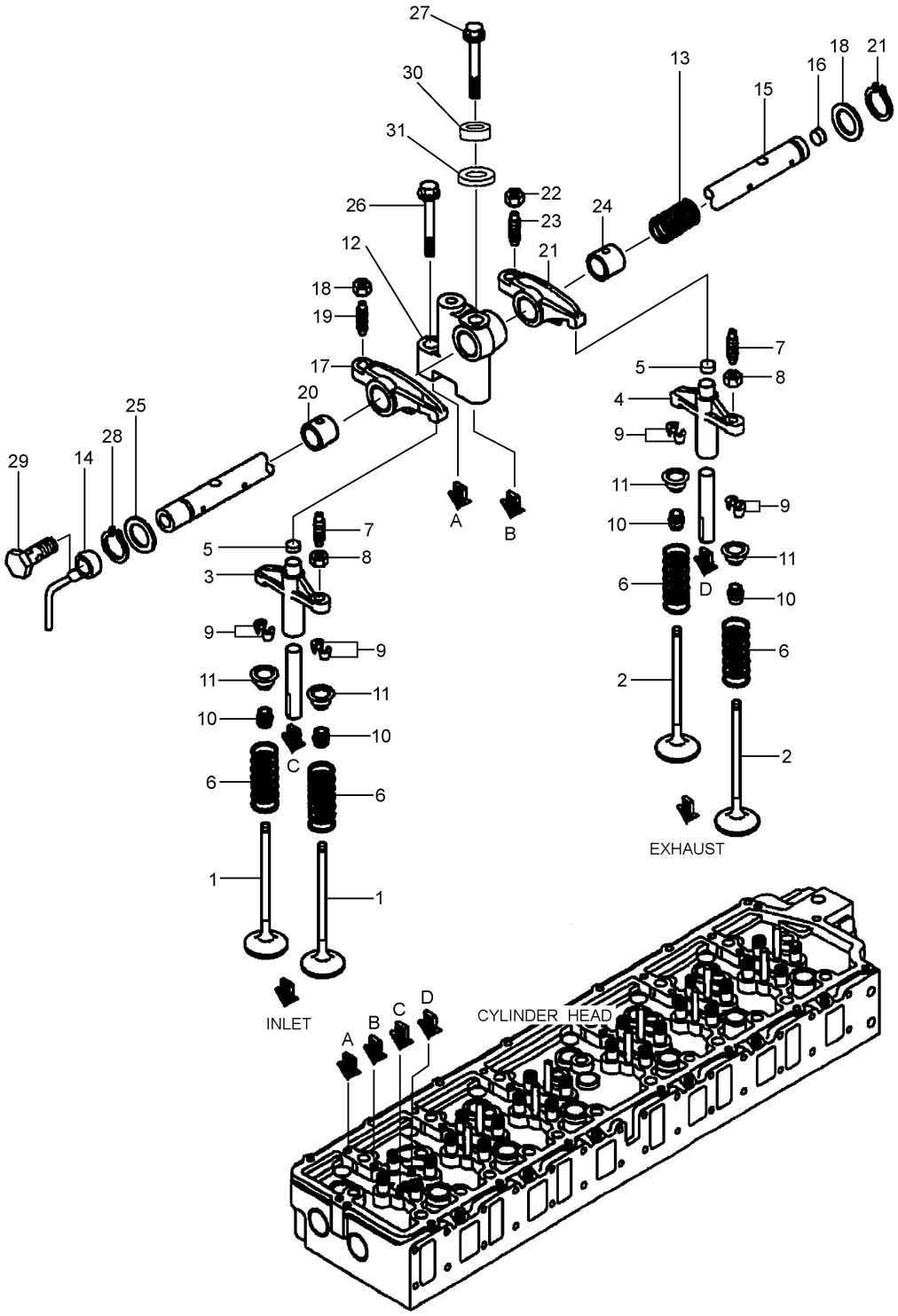
296-4645 CYLINDER HEAD GP
Part of 272-4677-Page14

BASIC ENGINE

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	297-7644	1	HEAD AS					
	2	297-7645	12	GUIDE					
	3	103-9011	13	CAP					
	4	5I-4915	9	CAP					
	5	294-1678	24	GUIDE					
	6	294-1679	12	SEAT					
	7	294-1680	12	SEAT					
	8	294-1683	26	BOLT					
	9	294-1682	1	GASKET					
	10	4I-9664	2	PIN					

H96478E 01

296-4645 CYLINDER HEAD GP
Part of 272-4677-Page14



H99337E 00

305-4910 VALVE MECHANISM GP
Part of 272-4677-Page14

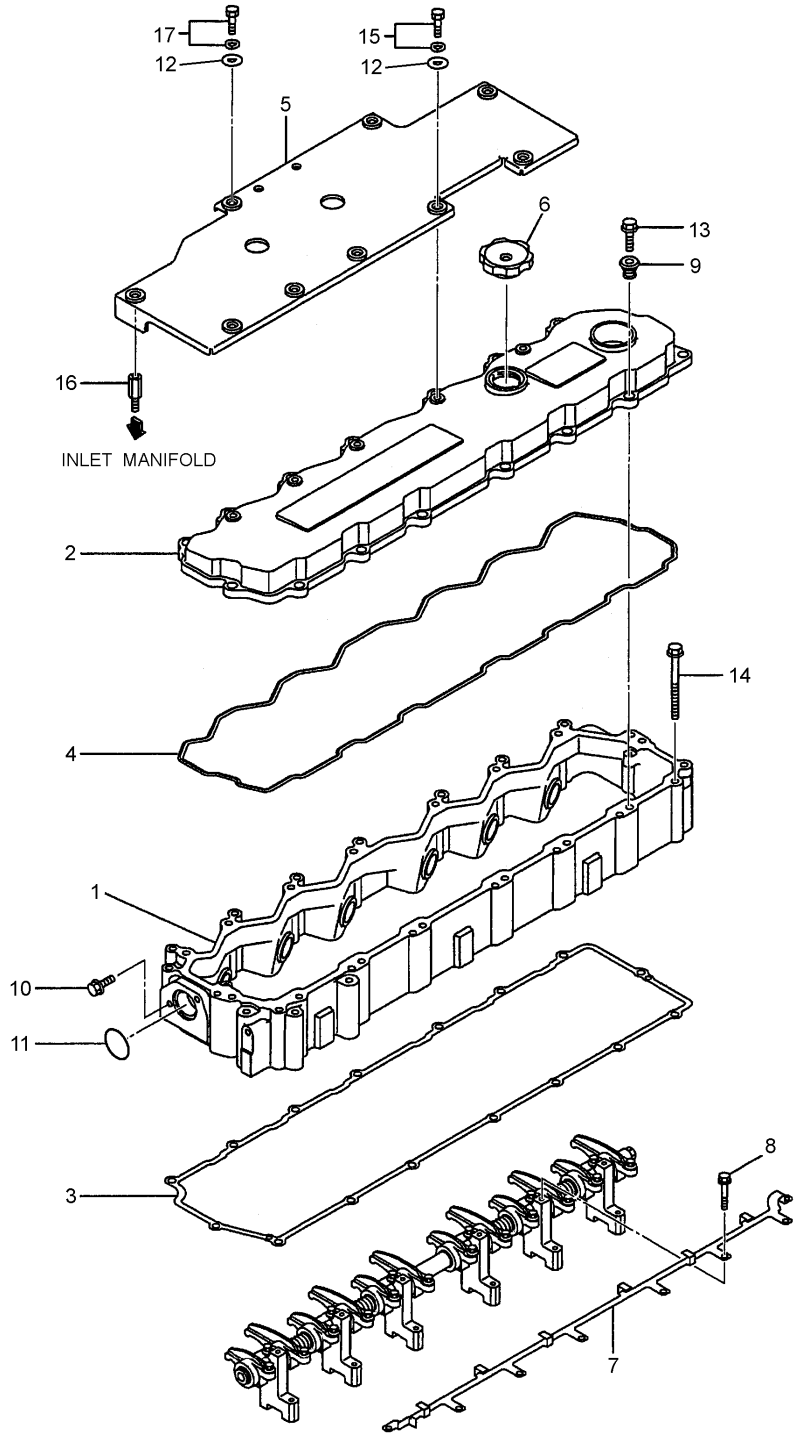
BASIC ENGINE

NOTE	No.	PART No.	QTY	PART NAME
	1	294-1684	12	VALVE (IN)
	2	294-1685	12	VALVE (EXH)
	3	294-1686	6	BRIDGE
	4	294-1687	6	BRIDGE
	5	5I-7630	12	CAP
	6	294-1688	24	SPRING
	7	294-1689	12	SCREW
	8	8T-7964	12	NUT
	9	199-2188	48	COTTER
				(AVAILABLE IN SET WITH PAIR)
	10	199-2189	24	SEAL
	11	199-2187	24	RETAINER
	12	305-4750	6	BRACKET
	13	305-4751	4	SPRING
	14	294-1693	1	PIPE
	15	305-4930	1	SHAFT AS
	16	096-3741	1	CAP
	17	305-4929	6	ARM AS
	18	091-3474	1	NUT
	19	094-9525	1	SCREW
	20	305-4928	1	BUSHING
	21	305-4927	6	ARM AS
	22	091-3474	1	NUT
	23	094-9525	1	SCREW
	24	305-4928	1	BUSHING
	25	294-1698	4	WASHER
	26	294-1699	6	BOLT
	27	305-4746	6	BOLT
	28	294-1786	4	RING
	29	294-1702	1	BOLT
	30	095-8638	4	WASHER
	31	305-4747	4	WASHER

H99337E 00

305-4910 VALVE MECHANISM GP

Part of 272-4677-Page14



H96479E 01

296-4647 COVER GP-VALVE MECHANISM
Part of 272-4677-Page14

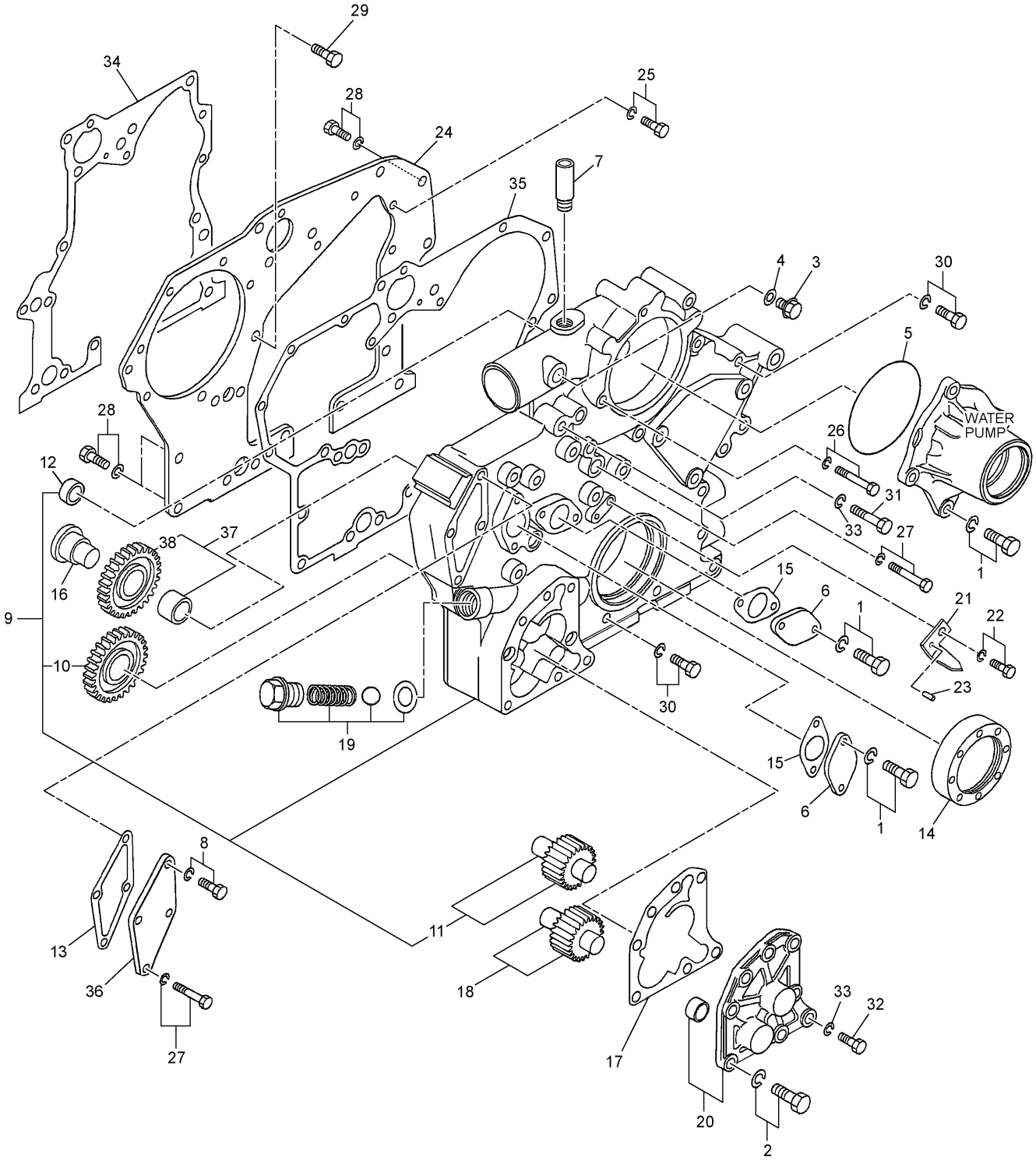
BASIC ENGINE

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1703	1	CASE					
	2	294-1704	1	COVER					
	3	294-1705	1	GASKET					
	4	294-1706	1	GASKET					
	5	294-1707	1	COVER					
	6	294-1708	1	CAP					
	7	294-1709	1	BRACKET					
	8	294-1710	8	BOLT					
	9	294-1711	16	WASHER					
	10	096-8569	2	BOLT					
	11	294-1712	1	SEAL					
	12	195-8497	9	WASHER					
	13	294-1713	16	BOLT					
	14	294-1700	16	BOLT					
	15	095-8799	7	BOLT AS					
	16	294-1714	2	STUD					
	17	294-1821	2	BOLT AS					

H96479E 01

296-4647 COVER GP-VALVE MECHANISM

Part of 272-4677-Page14



H99964E 03

296-4649 HOUSING GP-FRONT
Part of 272-4677-Page14

BASIC ENGINE

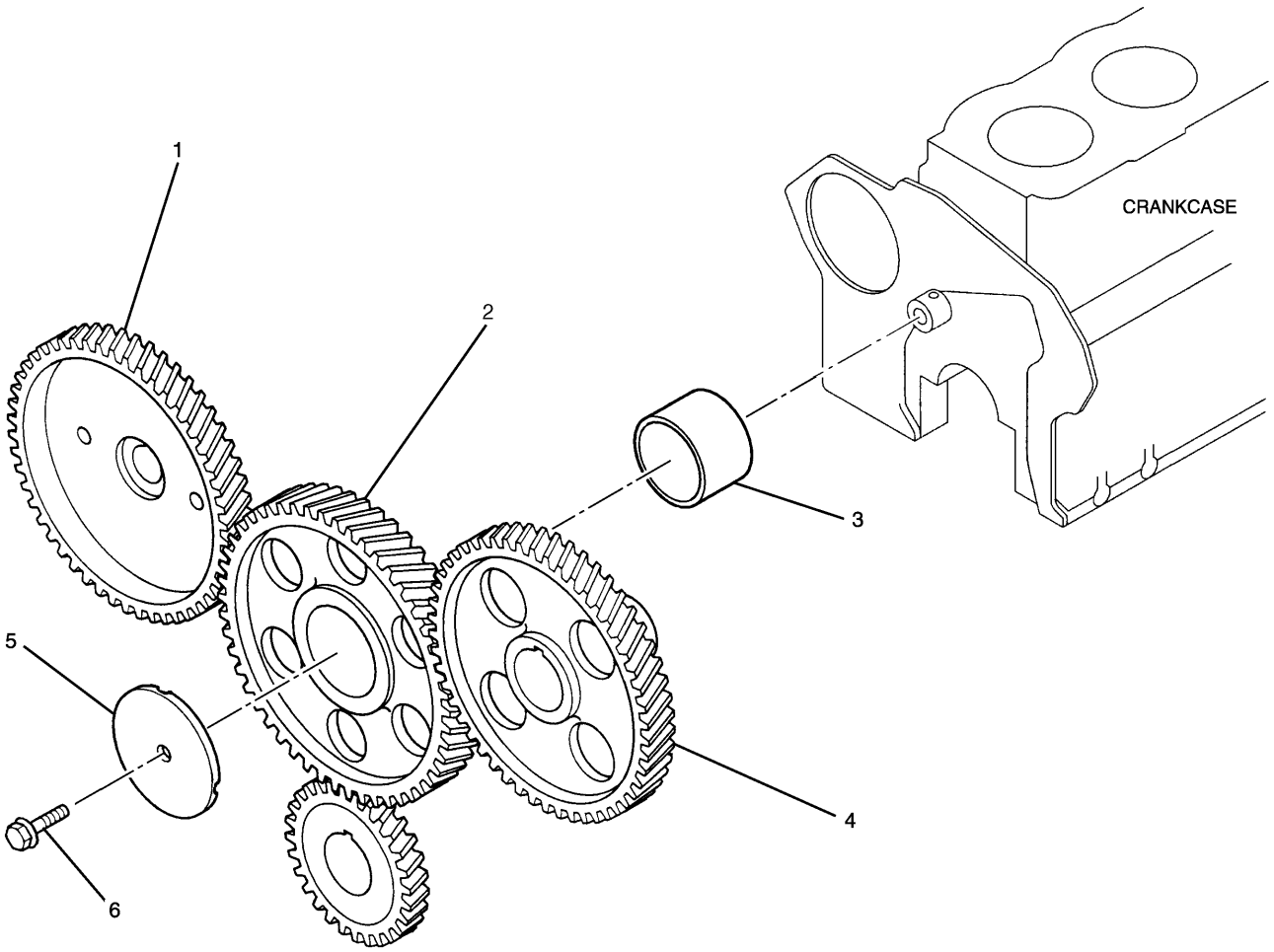
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-7251	6	BOLT AS					
	2	294-1726	4	BOLT AS					
	3	096-9435	1	PLUG					
	4	096-9532	1	WASHER					
	5	096-9528	1	SEAL-O-RING (ID=109.50mm)					
	6	6F-7556	2	COVER					
	7	5I-7632	1	PIPE					
	8	196-8366	1	BOLT AS					
	9	294-1727	1	BODY AS					
	10	294-1728	1	GEAR					
	11	125-2950	1	GEAR AS					
	12	195-8225	1	CAP					
	13	212-8572	1	GASKET					
	14	5I-7656	1	SEAL					
	15	6F-7557	2	GASKET					
	16	5I-7683	1	SPINDLE					
	17	178-6537	1	GASKET					
	18	5I-7558	1	GEAR AS (Z=9)					
	19	5I-7559	1	VALVE AS					
	20	178-6538	1	COVER AS					
	21	222-8292	1	POINTER					
	22	294-1731	1	BOLT AS					
	23	6V-8236	1	PIN					
	24	294-1732	1	PLATE					
	25	6V-5215	2	BOLT (L=16mm)					
	26	297-7646	2	BOLT AS					
	27	297-1735	5	BOLT AS					
	28	5I-5597	6	BOLT AS					
	29	5I-7610	1	BOLT (L=20mm)					
	30	297-7647	6	BOLT AS					
	31	8T-4172	2	BOLT (L=80mm)					
	32	8T-6685	4	BOLT (L=110mm)					
	33	7X-0796	6	LOCKWASHER					
	34	294-1733	1	GASKET					
	35	294-1734	1	GASKET					
	36	212-8571	1	COVER					
	37	294-1729	1	GEAR AS (Z=33)					
	38	294-1730	1	GEAR					

H99964E 03

296-4649 HOUSING GP-FRONT

Part of 272-4677-Page14

BASIC ENGINE

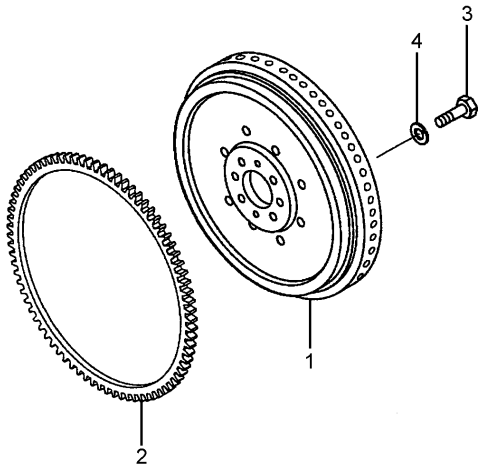


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1755	1	GEAR (Z=62)					
	2	294-1753	1	GEAR AS					
	3	296-4673	1	BUSHING					
	4	294-1754	1	GEAR (Z=62)					
	5	294-1756	1	PLATE					
	6	294-1757	1	BOLT					

H95959E 00

296-4651 GEAR GP-FRONT
Part of 272-4677-Page14

BASIC ENGINE



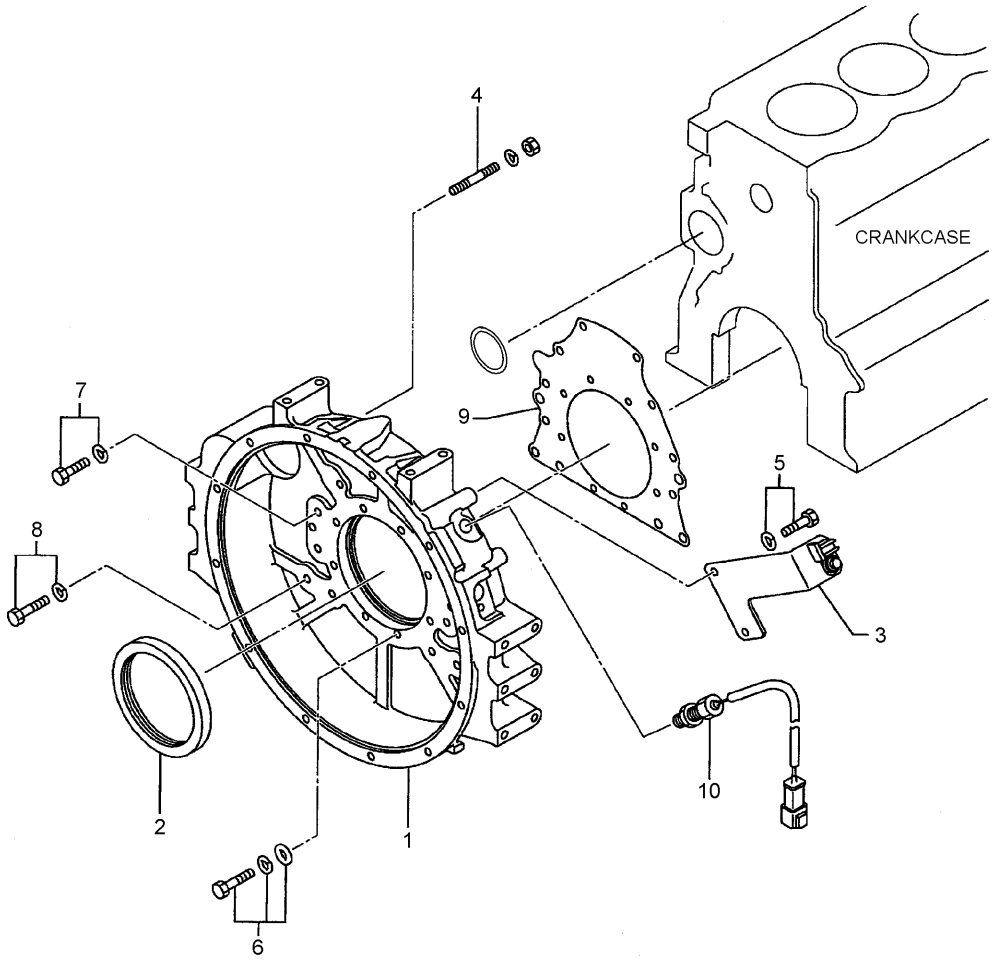
NOTE	No.	PART No.	QTY	PART NAME
	1	294-1752	1	FLYWHEEL AS
	2	205-6788	1	GEAR
	3	5I-5005	6	BOLT (L=35mm)
	4	096-2501	6	WASHER

H96843E 00

296-4644 FLYWHEEL GP

Part of 272-4677-Page14

BASIC ENGINE



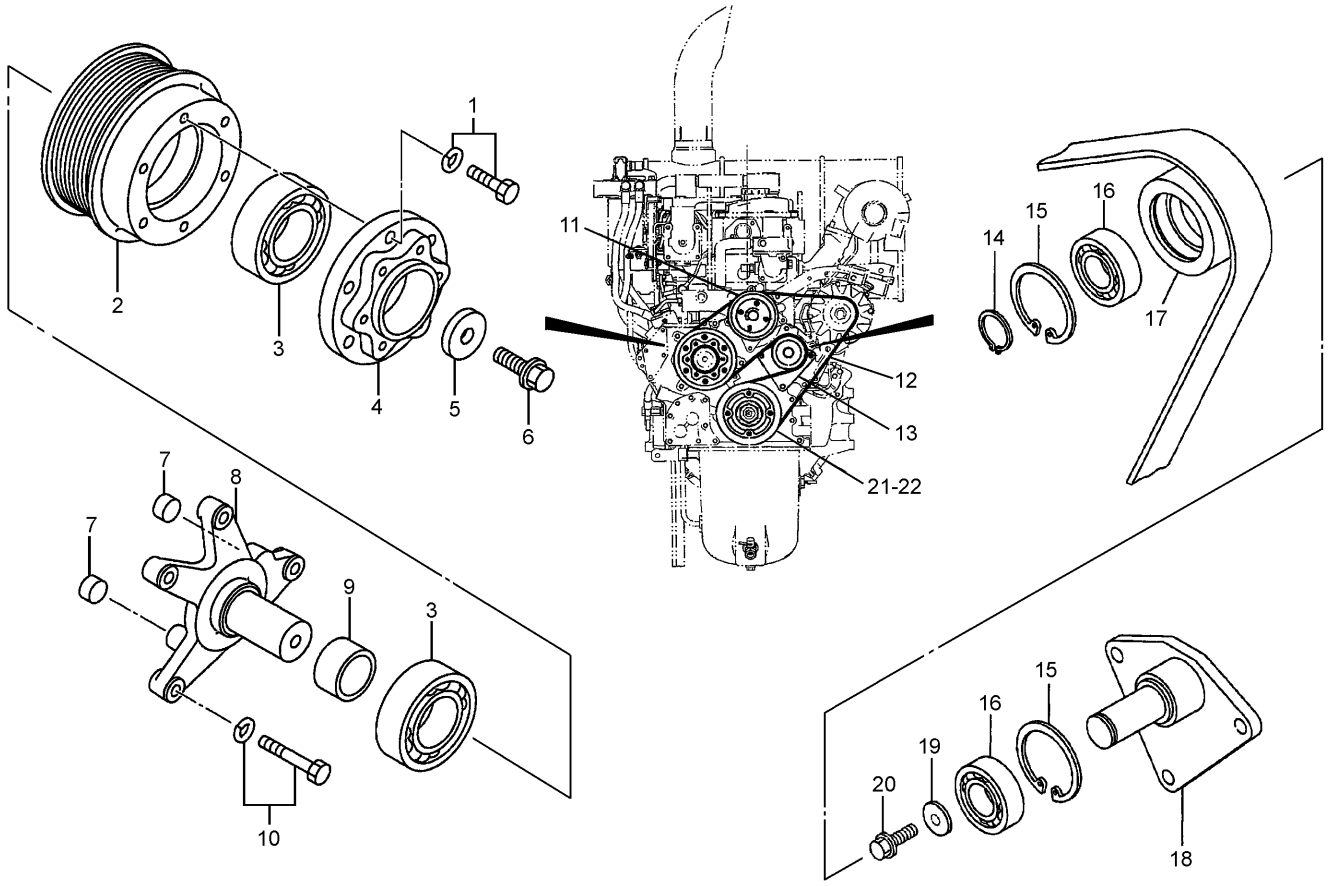
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1736	1	HOUSING					
	2	5I-7660	1	SEAL AS					
	3	294-1740	1	BRACKET					
	4	5I-4983	2	STUD (STARTER)					
	5	5I-5597	2	BOLT AS					
	6	294-1737	8	BOLT AS					
	7	294-1738	2	BOLT AS					
	8	294-1726	10	BOLT AS					
	9	294-1739	1	GASKET					
	10	196-7973	1	SENSOR					

H99756E 02

296-4643 HOUSING GP-FLYWHEEL

Part of 272-4677-Page14

BASIC ENGINE



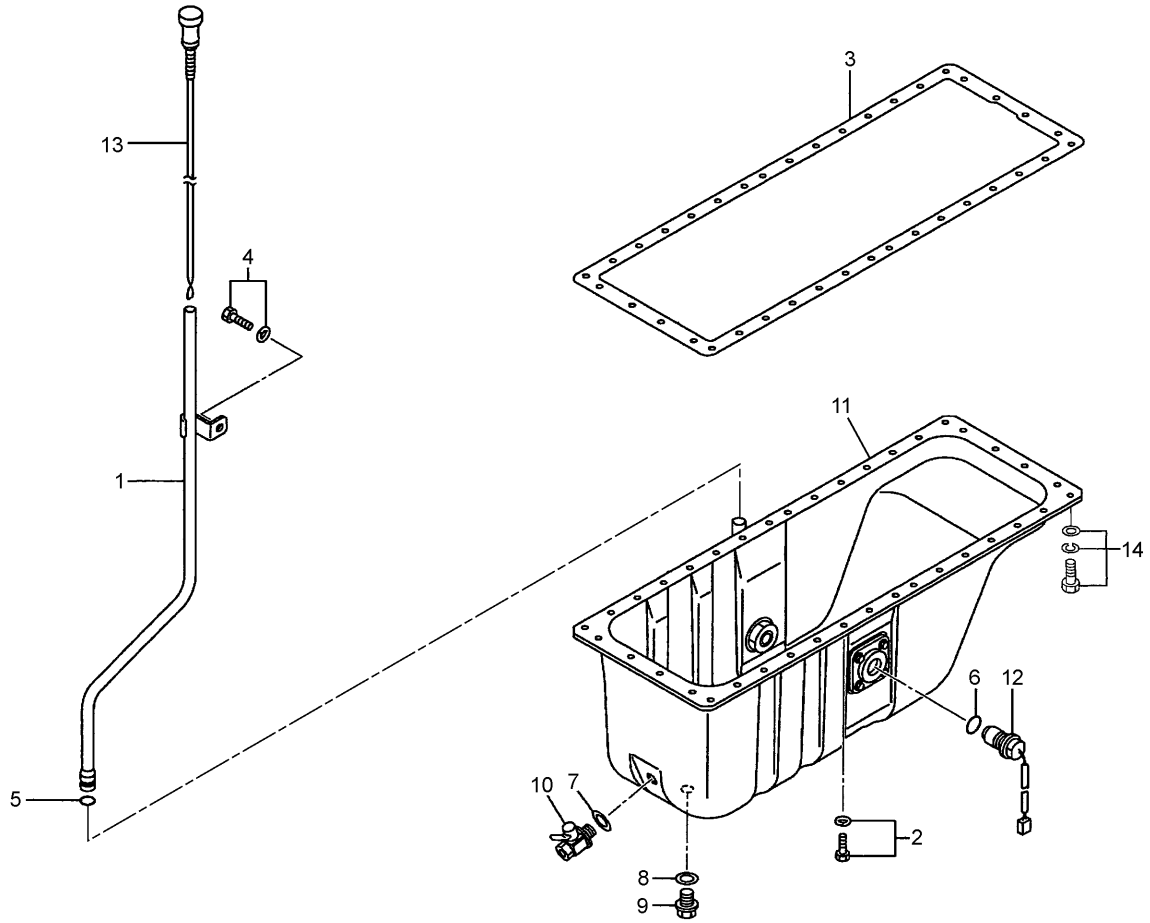
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1726	6	BOLT AS		21	266-6326	1	PULLEY AS
	2	266-6337	1	PULLEY		22	5I-7540	1	SLEEVE
	3	266-6334	2	BEARING					
	4	266-6333	1	COVER					
	5	266-6336	1	WASHER					
	6	266-6338	1	BOLT (L=25mm)					
	7	212-8596	2	BUSHING					
	8	266-6332	1	BRACKET					
	9	266-6335	1	SPACER					
	10	213-9433	4	BOLT AS					
	11	212-8584	1	PULLEY					
	12	294-1781	1	BELT					
	13	305-4908	1	PULLEY AS					
	14	294-1786	1	RING					
	15	8T-9598	2	RING					
	16	294-1785	2	BEARING					
	17	294-1784	1	PULLEY					
	18	305-4907	1	BRACKET					
	19	305-4906	1	COVER					
	20	305-4905	1	BOLT					

H97937E 02

296-4667 PULLEY GP

Part of 272-4676-Page13

BASIC ENGINE

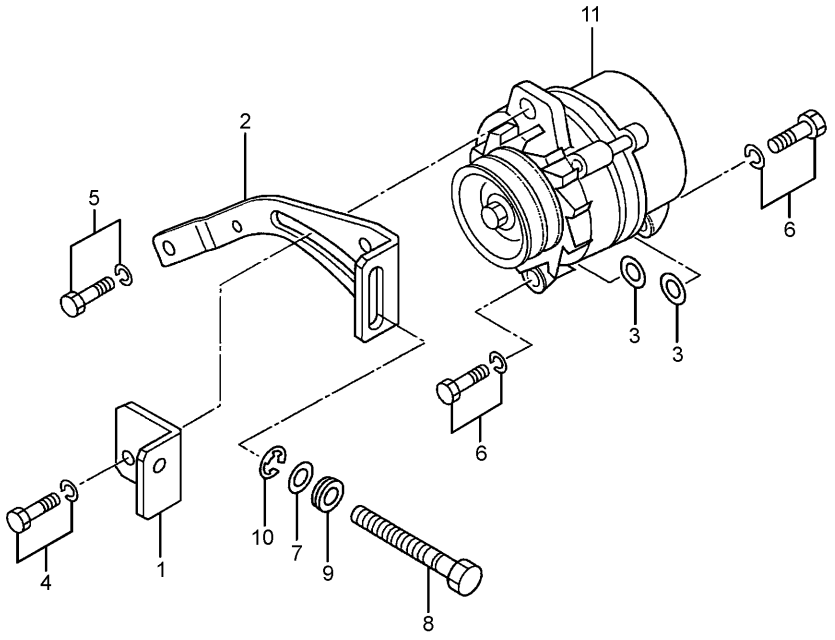


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1741	1	GUIDE					
	2	196-8366	37	BOLT AS					
	3	5I-7666	1	GASKET					
	4	199-2178	1	BOLT AS					
	5	5I-4993	1	SEAL					
	6	125-2968	1	SEAL					
	7	5I-8067	1	WASHER					
	8	7W-3556	1	WASHER					
	9	183-8177	1	PLUG					
	10	183-8176	1	VALVE					
	11	294-1742	1	PAN					
	12	213-0677	1	SWITCH AS					
		102-8802	1	RECEPTACLE KIT					
		9X-3401	2	PIN					
	13	294-1743	1	GAUGE					
	14	282-8567	1	BOLT AS					

H96476E 01

296-4640 PAN GP-OIL

Part of 272-4677-Page14



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	178-6600	1	PULLER					
	2	294-1859	1	PLATE					
	3	5I-7750	2	WASHER					
	4	294-1860	1	BOLT AS					
	5	5I-5597	1	BOLT AS					
	6	294-1861	2	BOLT AS					
	7	8T-4223	1	WASHER					
	8	178-6598	1	BOLT (L=135mm)					
	9	178-6599	1	WASHER					
	10	178-6601	1	RING					
Y	11	212-8561	1	ALTERNATOR GP					

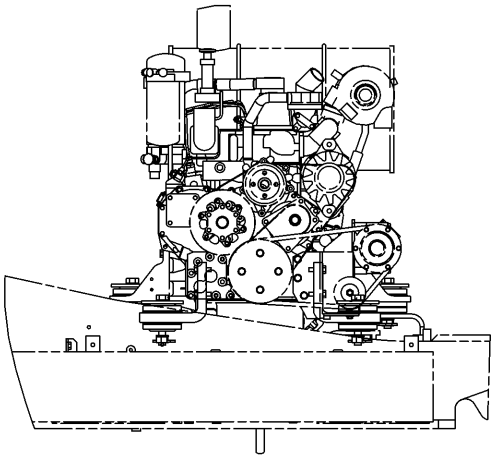
Y—SEE SEPARATE ILLUSTRATION

H99752E 02

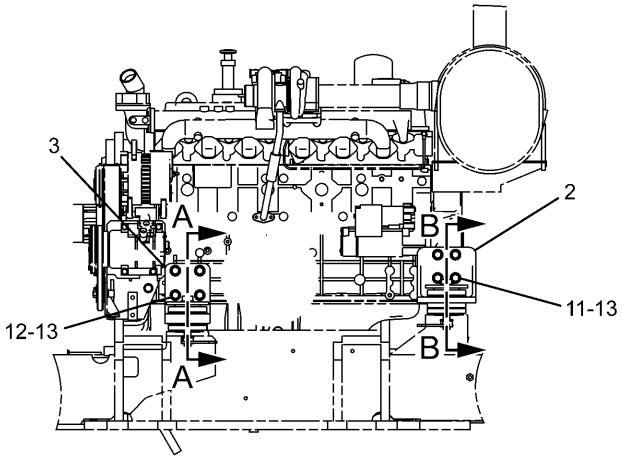
296-4661 MOUNTING GP-ALTERNATOR

Part of 272-4677-Page14
212-8561-Page202

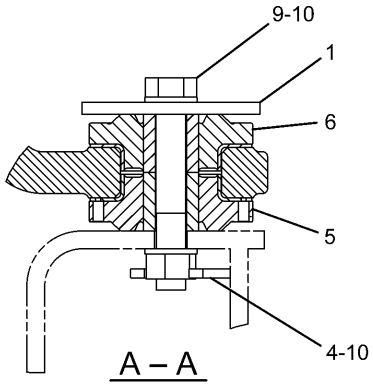
BASIC ENGINE



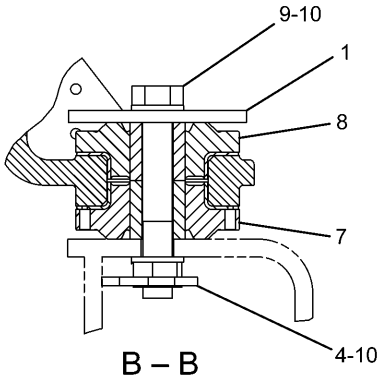
FRONT VIEW OF ENGINE



LH VIEW OF ENGINE



A – A



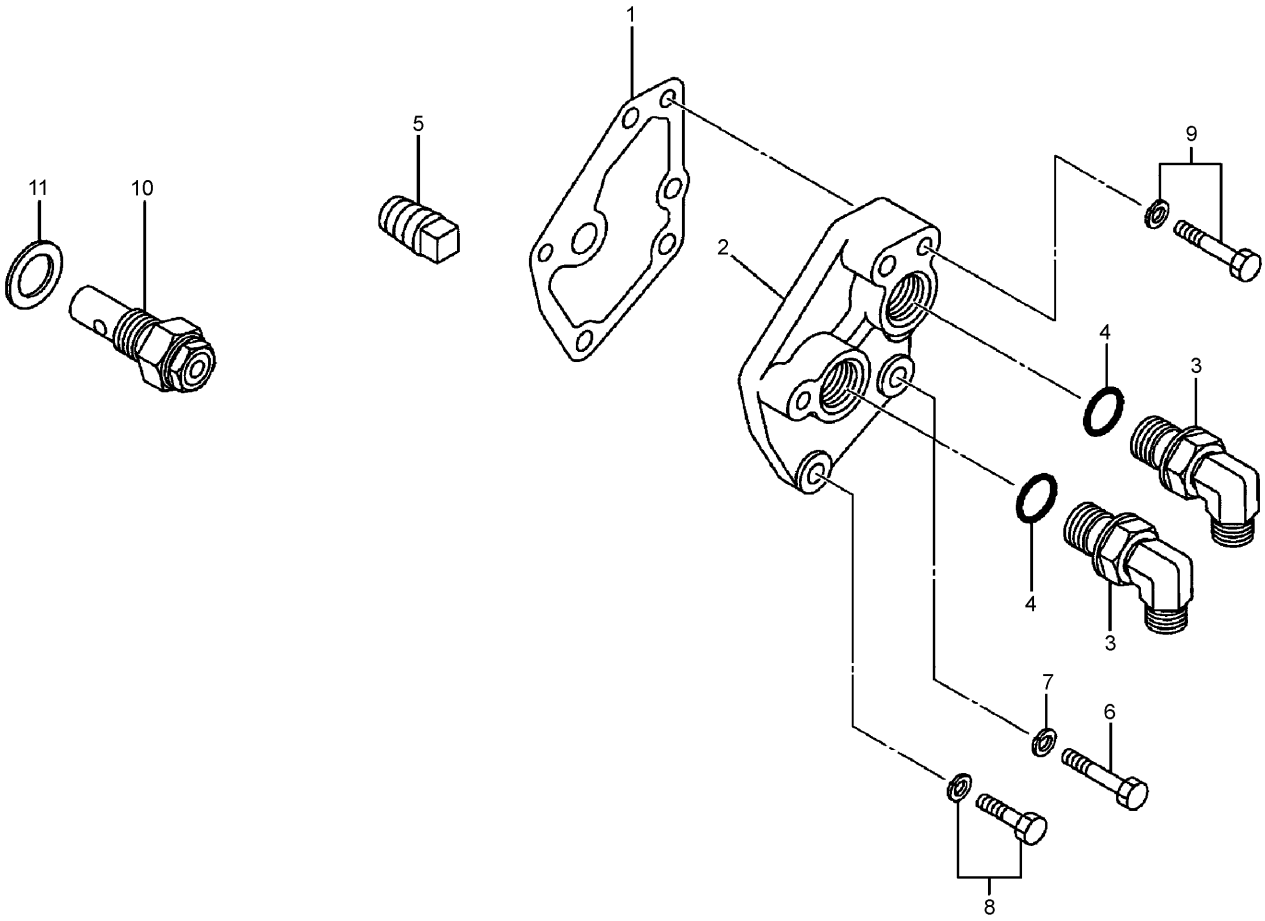
B – B

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	109-9329	4	WASHER					
	2	118-9784	2	BRACKET					
	3	118-9785	2	BRACKET					
	4	118-9930	4	SUPPORT AS					
	5	266-6298	2	MOUNT					
	6	266-6299	2	MOUNT					
	7	266-6300	2	MOUNT					
	8	266-6301	2	MOUNT					
	9	7X-2532	4	BOLT (L=130mm)					
	10	8T-4123	8	WASHER					
	11	8T-4139	8	BOLT (L=30mm)					
	12	8T-4183	8	BOLT (L=40mm)					
	13	8T-4223	16	WASHER					

H89528E 00

266-6297 MOUNTING GP-ENGINE

LUBRICATION SYSTEM



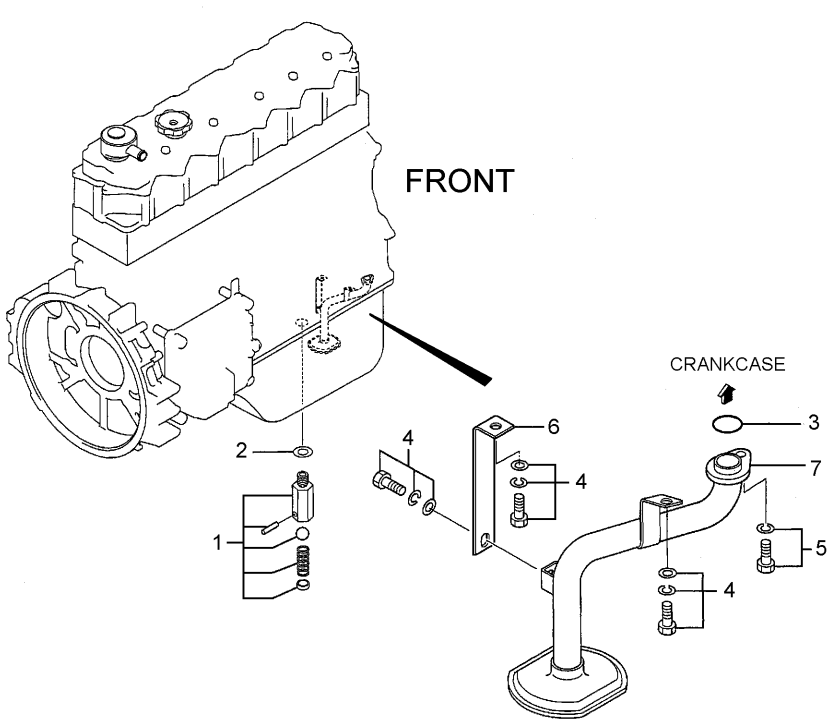
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1769	1	GASKET					
	2	294-1770	1	COVER AS					
		294-1771	1	COVER					
	3	185-2793	2	ELBOW					
	4	305-4892	2	SEAL					
	5	5I-7505	1	PLUG					
	6	099-4643	1	BOLT					
	7	7X-0796	1	LOCKWASHER					
	8	294-1726	3	BOLT AS					
	9	294-1772	2	BOLT AS					
	10	5I-8066	1	VALVE AS					
	11	5B-5947	1	GASKET					

H97938E 01

296-4654 FILTER GP-ENGINE OIL

Part of 272-4677-Page14

LUBRICATION SYSTEM

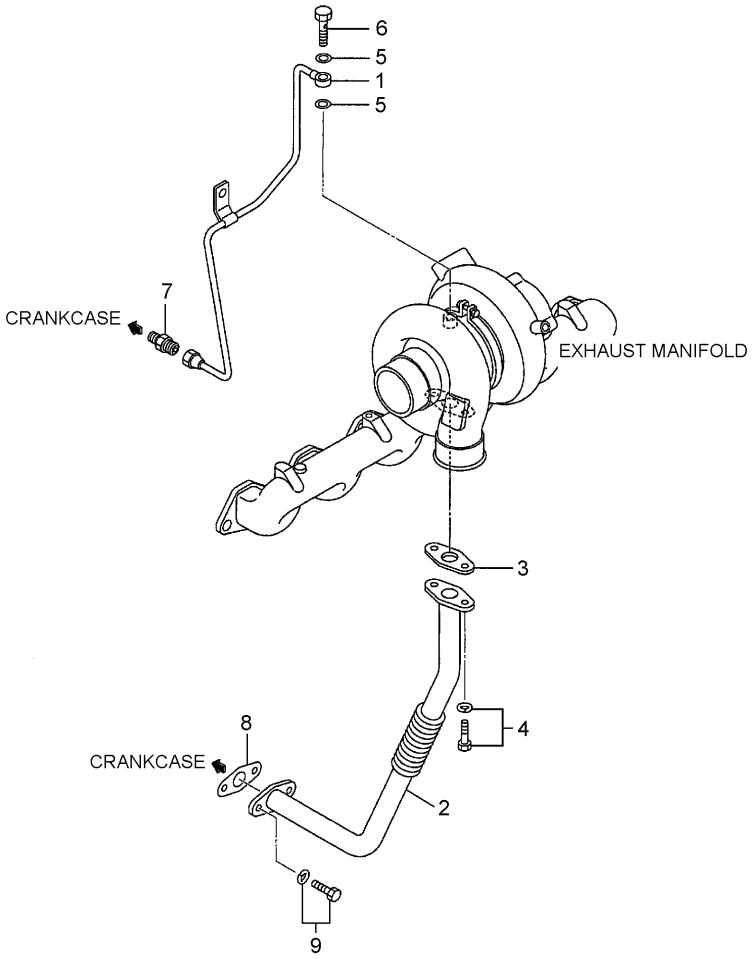


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1767	1	VALVE AS					
	2	234-4796	1	GASKET					
	3	5I-5038	1	SEAL-O-RING (ID=24.40mm)					
	4	294-1768	3	BOLT AS					
	5	195-8351	1	BOLT AS					
	6	5I-7642	1	PLATE					
	7	178-6563	1	STRAINER					

H96477E 01

296-4641 LINES GP-ENGINE OIL
Part of 272-4677-Page14

LUBRICATION SYSTEM

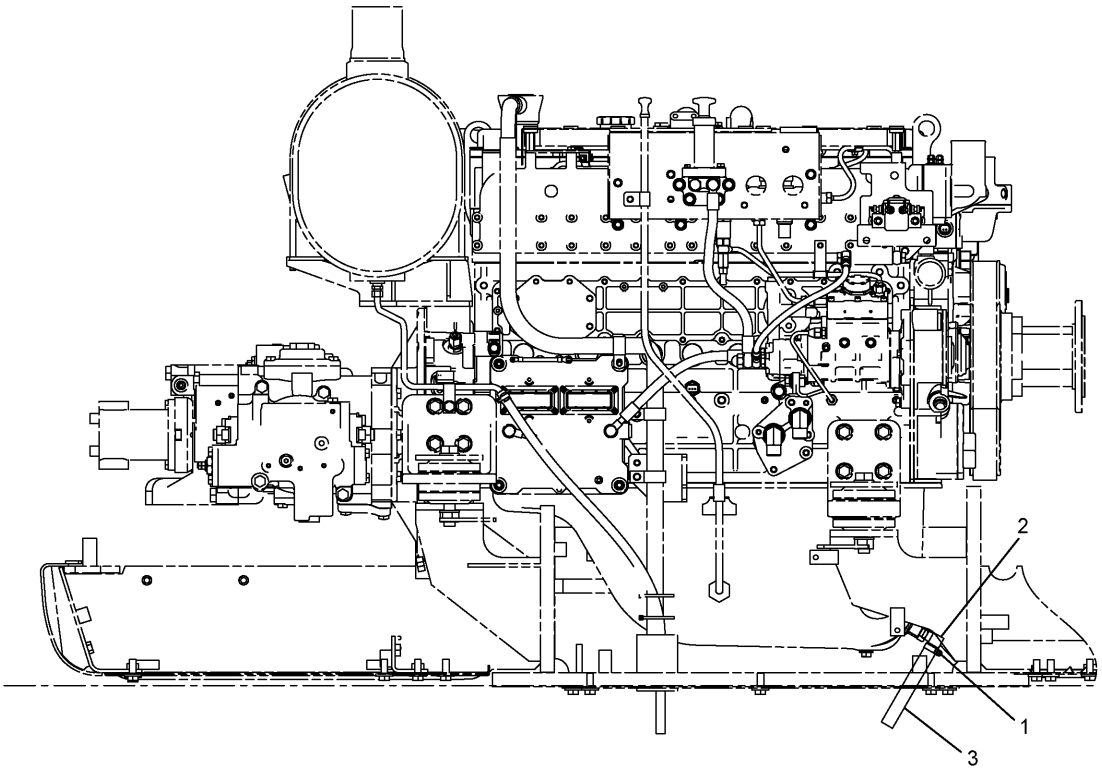


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1764	1	PIPE					
	2	294-1765	1	PIPE					
	3	294-1766	1	GASKET					
	4	195-8322	2	BOLT AS					
	5	2A-5222	2	WASHER					
	6	5I-7623	1	BOLT (L=20mm)					
	7	5I-8058	1	CONNECTOR					
	8	5I-7561	1	GASKET					
	9	196-8366	2	BOLT AS					

H96853E 00

296-4636 LINES GP-TURBOCHARGER OIL
Part of 272-4677-Page14

LUBRICATION SYSTEM



RH SIDE VIEW OF ENGINE

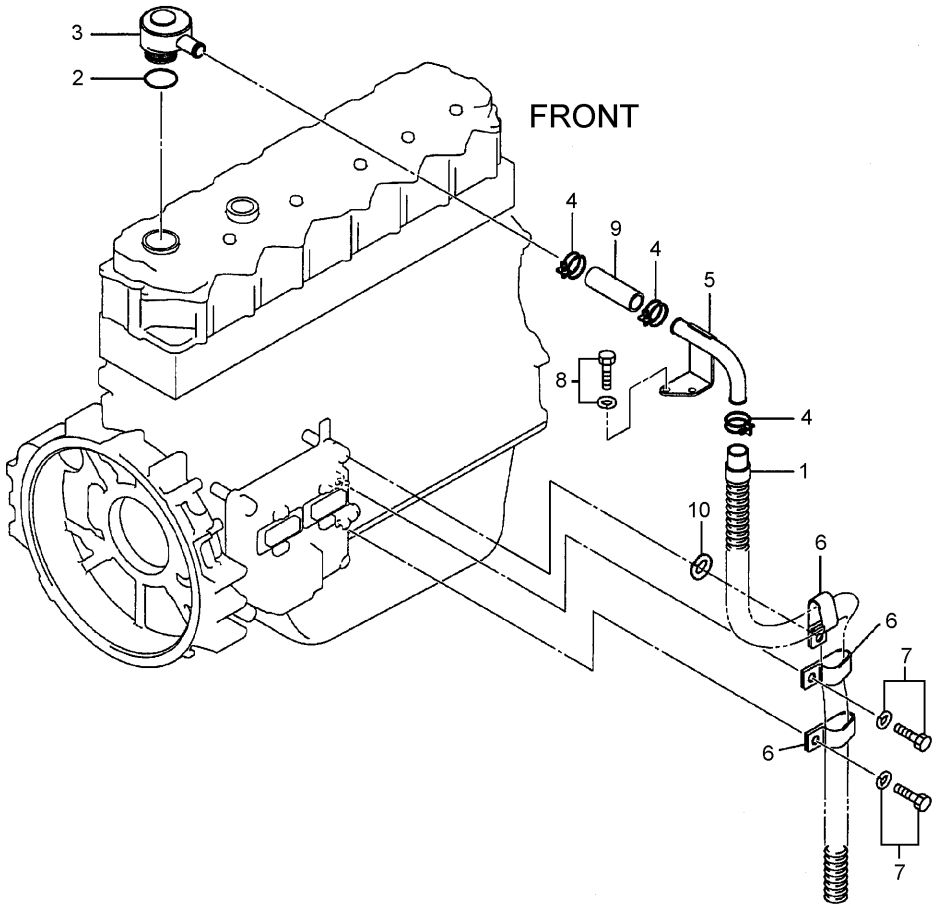
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	095-1388	1	CLAMP					
	2	217-5469	1	ELBOW					
E	3	5P-0743		HOSE…(17cm)					

E—ORDER BY THE CENTIMETER

H98507E 00

310-9582 LINES GP-OIL DRAIN

LUBRICATION SYSTEM

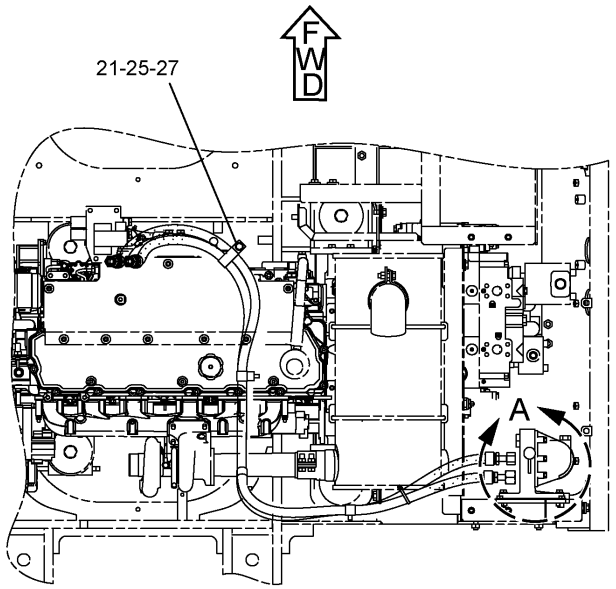


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1773	1	HOSE					
	2	294-1774	1	SEAL					
	3	5I-7725	1	BREATHER					
	4	2S-3440	3	CLAMP					
	5	5I-7645	1	PIPE					
	6	294-1776	3	CLIP					
	7	294-1775	2	BOLT AS					
	8	5I-5597	2	BOLT AS					
	9	5I-4940	1	TUBE					
	10	8T-4121	1	WASHER					

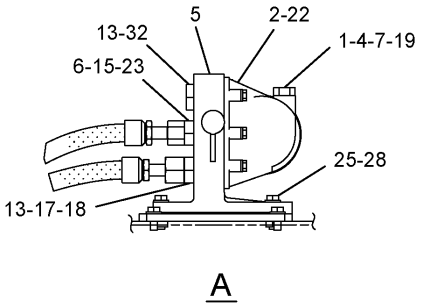
H96475E 01

296-4638 BREATHER GP
Part of 272-4677-Page14

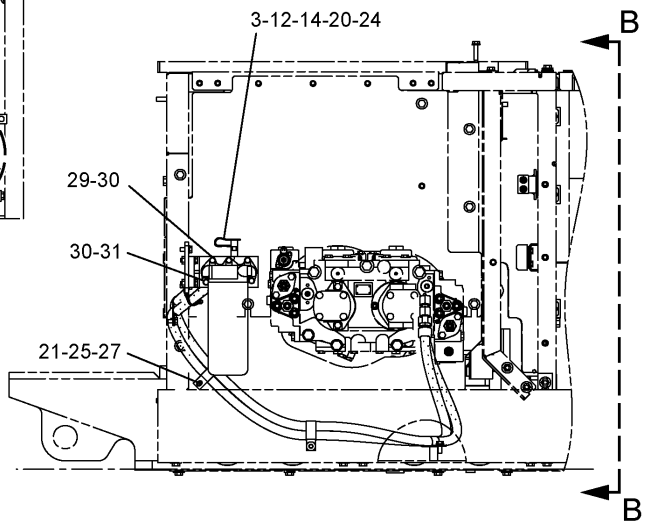
LUBRICATION SYSTEM



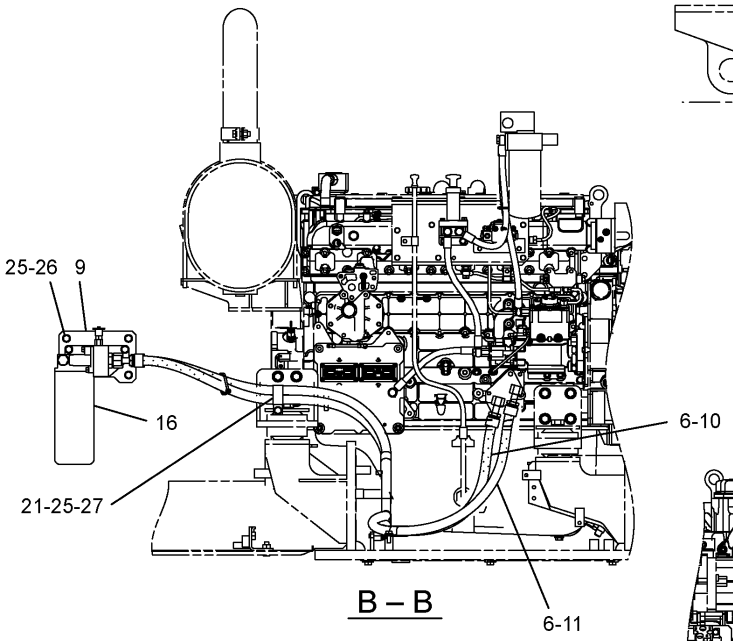
TOP VIEW



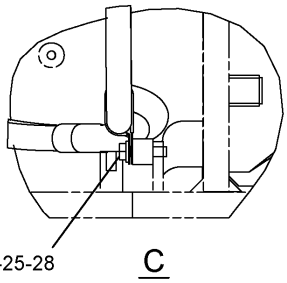
A



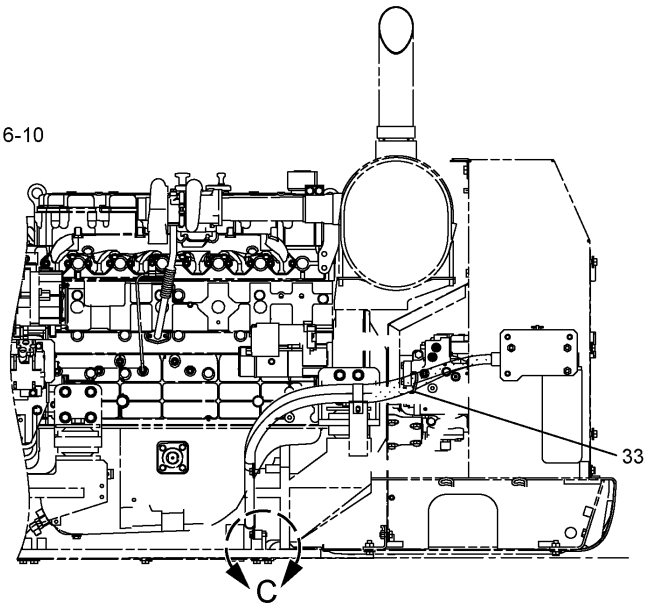
RIGHT SIDE VIEW



B – B



C



REAR VIEW

H99638E 09

279-7911 FILTER & MTG GP-ENGINE OIL

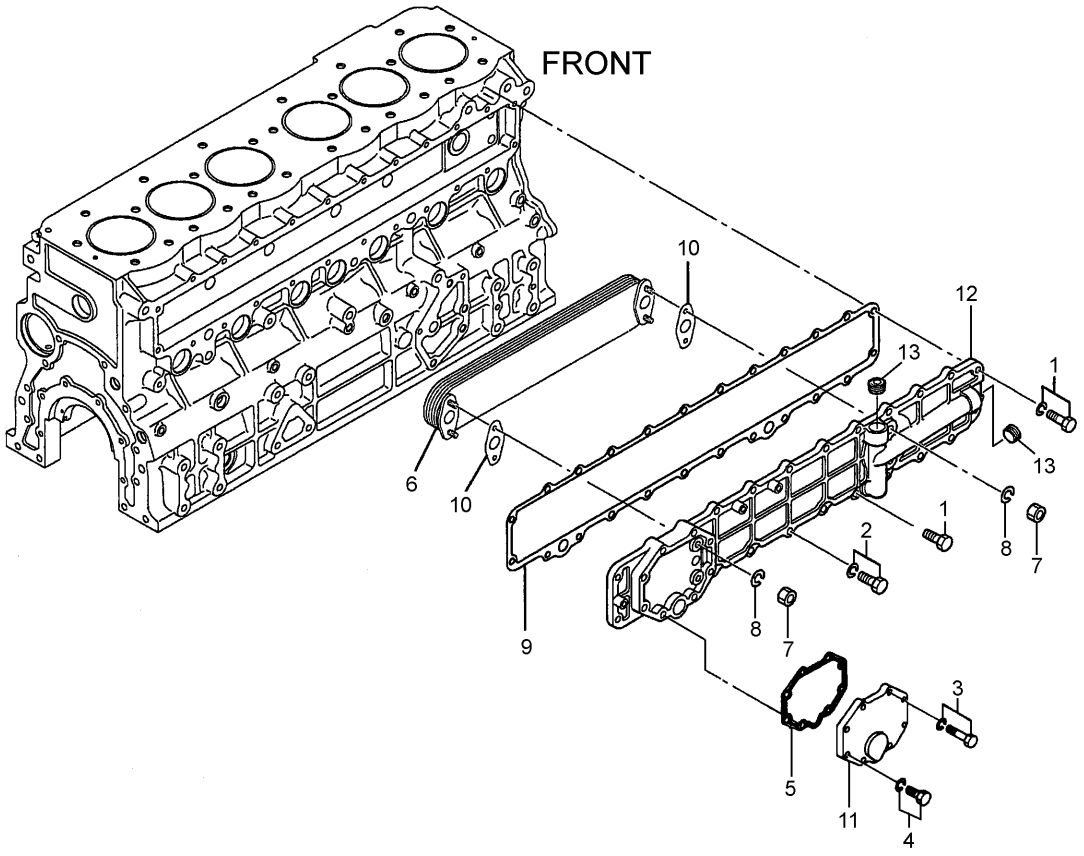
LUBRICATION SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7C-1493	1	VALVE					
	2	7W-9028	1	BASE AS					
	3	8C-3445	1	CAP					
	4	9L-9188	1	SPRING					
	5	121-0307	1	BASE					
	6	152-2938	3	SEAL					
	7	152-2939	1	SEAL					
	8	173-8073	1	BOSS					
	9	305-4781	1	PLATE AS					
	10	310-9498	1	HOSE AS					
	11	310-9500	1	HOSE AS					
	12	033-5853	1	SEAL-O-RING (ID=8.92mm)					
	13	033-6038	2	SEAL					
	14	153-4906	1	SEAL-O-RING (ID=11.89mm)					
	15	189-9377	1	SEAL-O-RING (ID=23.47mm)					
	16	1R-0739	1	FILTER AS					
	17	228-7092	1	SEAL					
	18	2T-2991	1	CONNECTOR					
	19	5P-8196	1	PLUG					
	20	5P-9617	1	ADAPTER					
	21	6D-1641	4	CLIP					
	22	6V-5266	3	SEAL-O-RING (ID=36.09mm)					
	23	6V-8713	1	CONNECTOR					
	24	8C-3446	1	VALVE					
	25	8T-4121	10	WASHER					
	26	8T-4136	3	BOLT (L=25mm)					
	27	8T-4137	3	BOLT (L=20mm)					
	28	8T-4186	4	BOLT (L=40mm)					
	29	8T-4197	3	BOLT (L=40mm)					
	30	8T-4224	5	WASHER					
	31	8T-7547	2	BOLT (L=30mm)					
	32	9S-4188	1	PLUG					
	33	7K-1181	1	STRAP					

H99638E 09

279-7911 FILTER & MTG GP-ENGINE OIL

COOLING SYSTEM



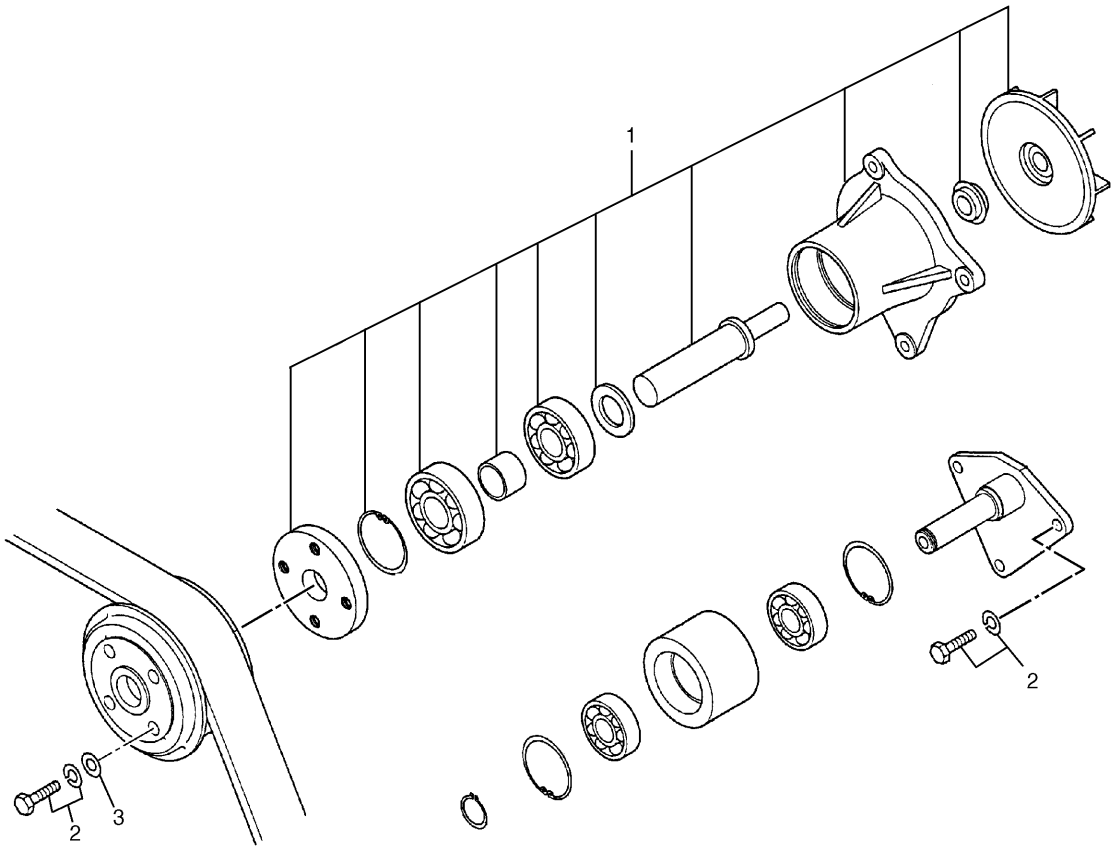
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	196-8366	6	BOLT AS					
	2	094-9266	14	BOLT AS					
	3	094-9267	4	BOLT AS					
	4	294-1738	4	BOLT AS					
	5	217-5589	1	GASKET					
	6	125-2970	1	ELEMENT					
	7	5C-7261	4	NUT					
	8	095-8638	4	WASHER					
	9	5I-7690	1	GASKET					
	10	5I-7691	2	GASKET					
	11	222-8238	1	COVER					
	12	255-2904	1	COVER AS					
	13	096-3321	2	PLUG					

H96886E 00

296-4642 COOLER GP-ENGINE OIL

Part of 272-4677-Page15

COOLING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	178-6633	1	PUMP AS					
	2	294-1738	7	BOLT AS					
	3	8T-4121	4	WASHER					

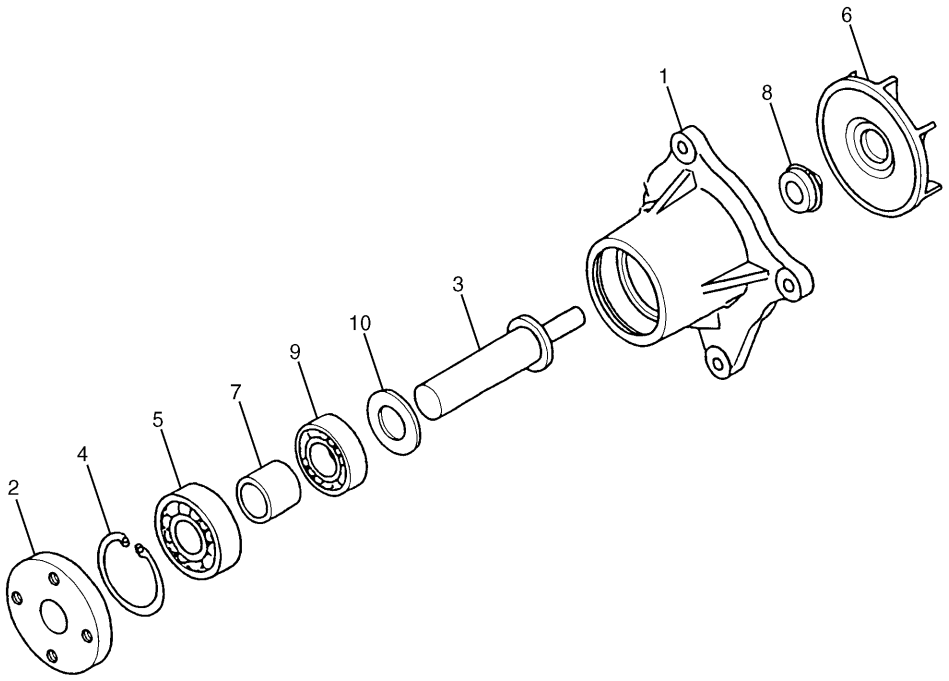
Y—SEE SEPARATE ILLUSTRATION

H96891E 00

296-4655 PUMP GP-WATER

Part of 272-4677-Page15
178-6633-Page48

COOLING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Z	1		1	CASE					
	2	5I-7696	1	FLANGE					
	3	178-6635	1	SHAFT					
	4	8T-9598	1	RING					
	5	5L-6326	1	BEARING					
	6	178-6634	1	IMPELLER					
	7	5I-7697	1	SPACER					
	8	178-6636	1	SEAL					
	9	2H-3814	1	BEARING					
	10	125-2947	1	WASHER					

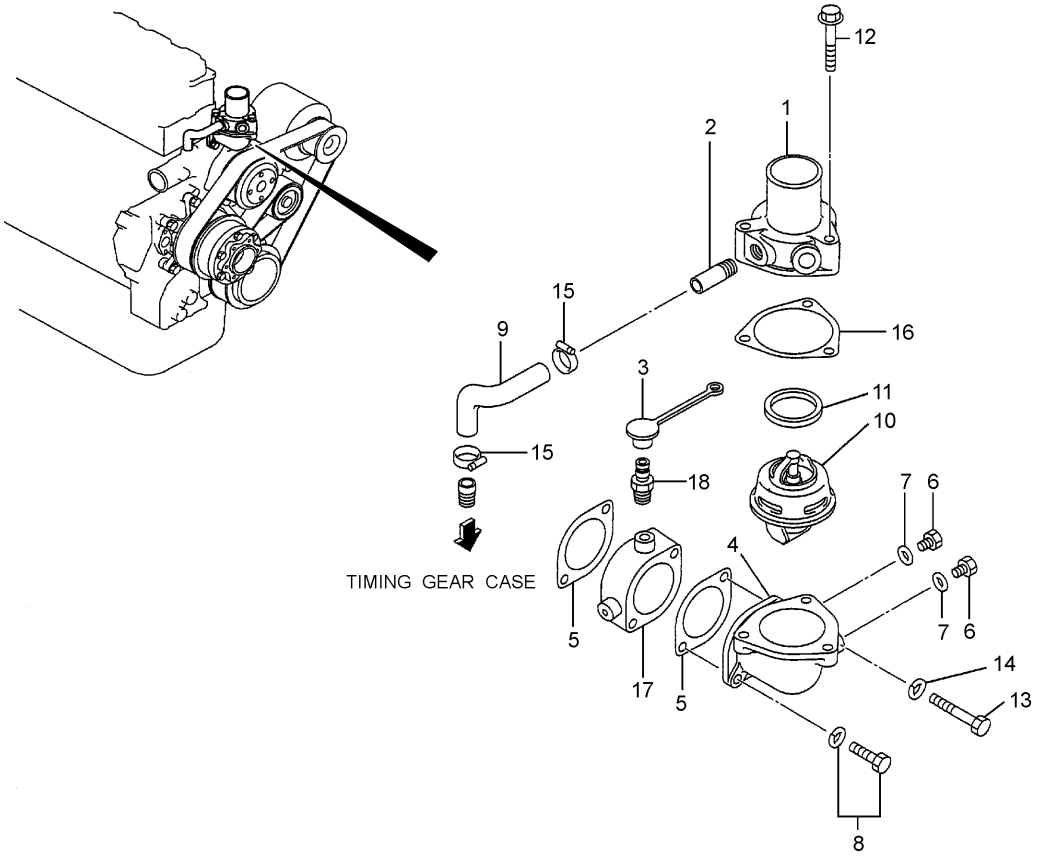
Z—NOT SERVICED

H81949E 00

178-6633 PUMP AS-WATER

Part of 296-4655-Page47

COOLING SYSTEM



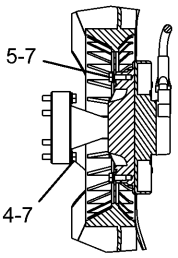
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5I-7867	1	COVER AS					
	2	5I-7655	1	PIPE					
	3	157-0670	1	CAP					
	4	5I-7646	1	ELBOW					
	5	294-1777	2	GASKET					
	6	5I-8056	2	PLUG					
	7	096-9532	2	WASHER					
	8	270-6338	1	BOLT AS					
	9	294-1778	1	HOSE					
	10	5I-8010	1	REGULATOR					
	11	5I-7735	1	GASKET					
	12	096-8619	3	BOLT (L=50mm)					
	13	297-7655	1	BOLT					
	14	095-8638	1	WASHER					
	15	2S-3440	2	CLAMP					
	16	294-1780	1	GASKET					
	17	296-4733	1	SPACER					
	18	154-9024	1	VALVE					

H96486E 01

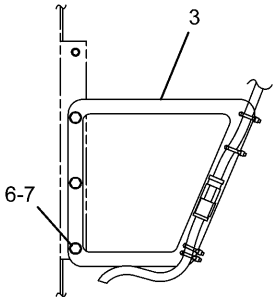
296-4658 LINES GP-WATER

Part of 272-4677-Page15

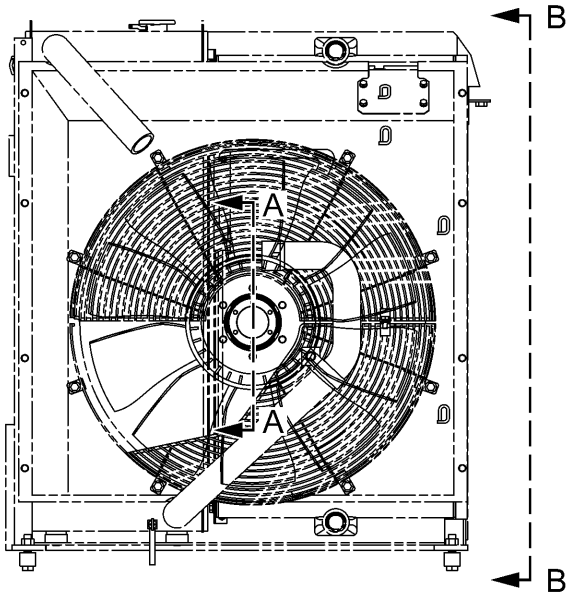
COOLING SYSTEM



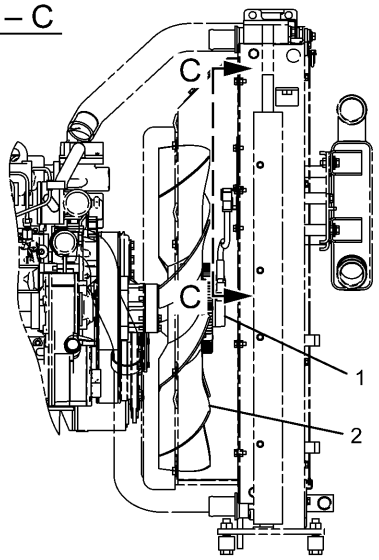
A – A



C – C



REAR VIEW OF ENGINE



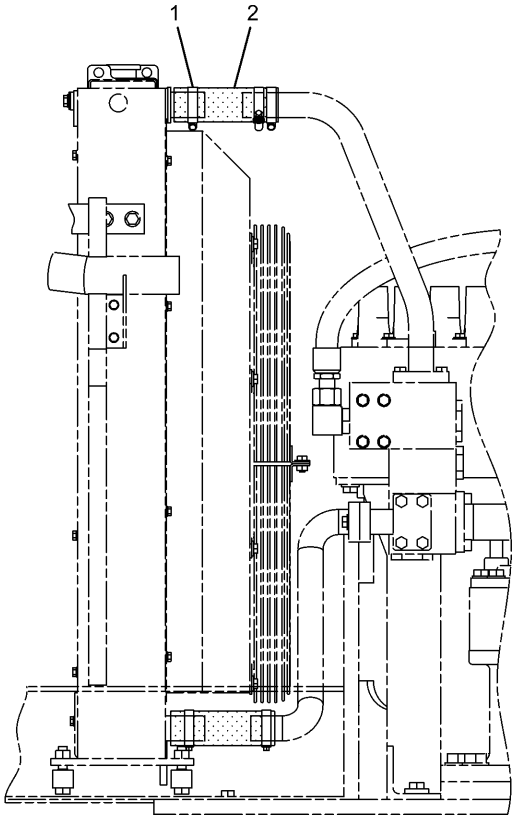
B – B

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	281-3588	1	DRIVE AS					
		102-8805	1	RECEPTACLE KIT					
		186-3735	6	PIN					
	2	245-9344	1	FAN AS					
	3	265-3557	1	PLATE AS					
	4	7X-0818	6	BOLT (L=45mm)					
	5	8T-4189	6	BOLT (L=20mm)					
	6	8T-4200	3	BOLT (L=16mm)					
	7	8T-4224	15	WASHER					

H97939E 06

230-2979 FAN GP-SUCTION
Part of 272-4675-Page13

COOLING SYSTEM



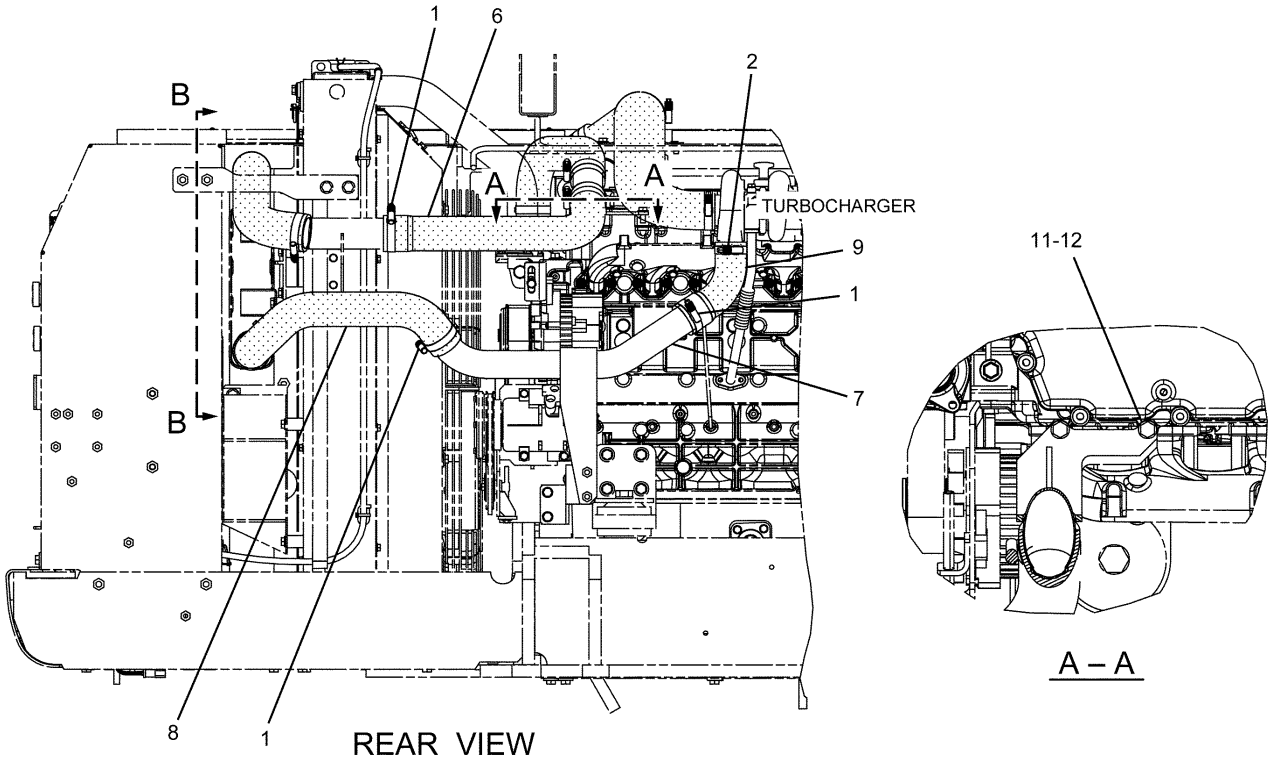
REAR VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-6703	5	CLAMP					
	2	227-0265	2	HOSE					

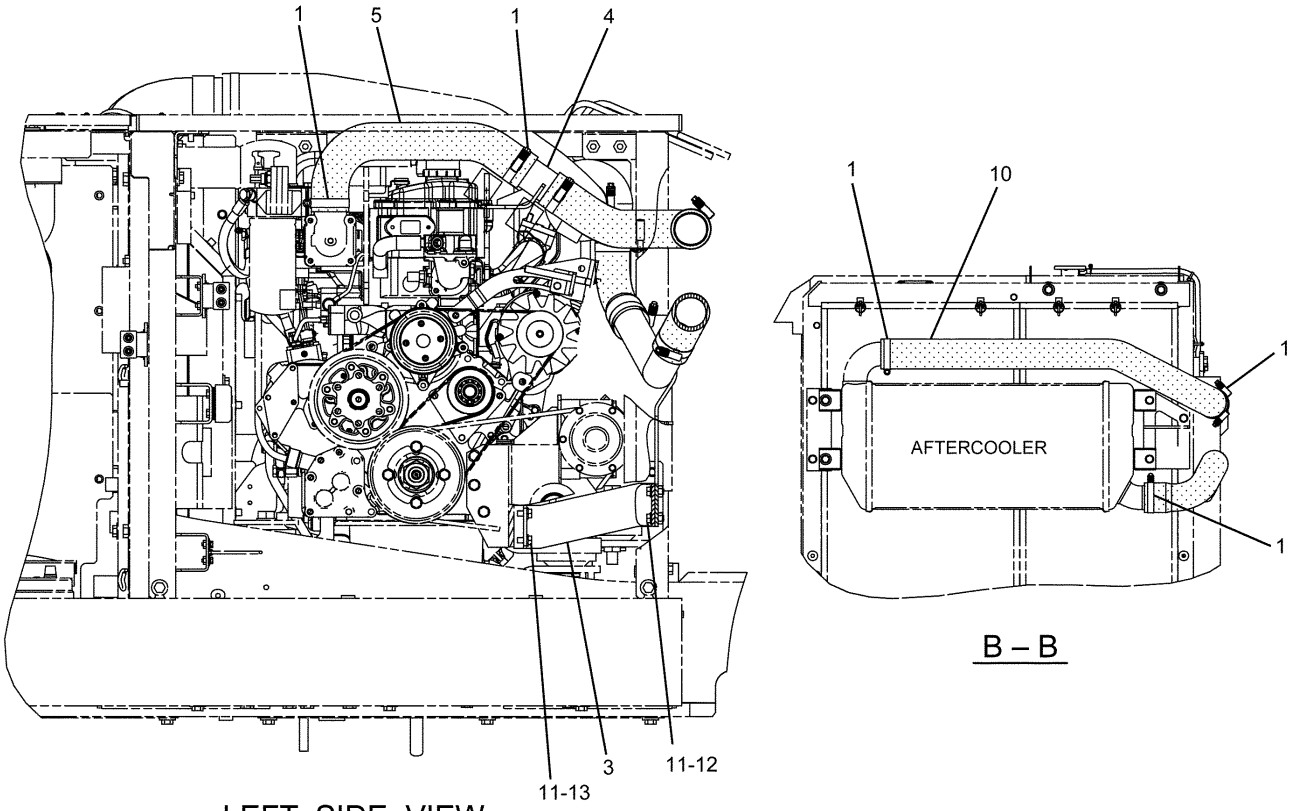
H93439E 02

248-9848 LINES GP-COOLING

COOLING SYSTEM



REAR VIEW



LEFT SIDE VIEW

H94389E 01

265-3504 LINES GP-COOLING

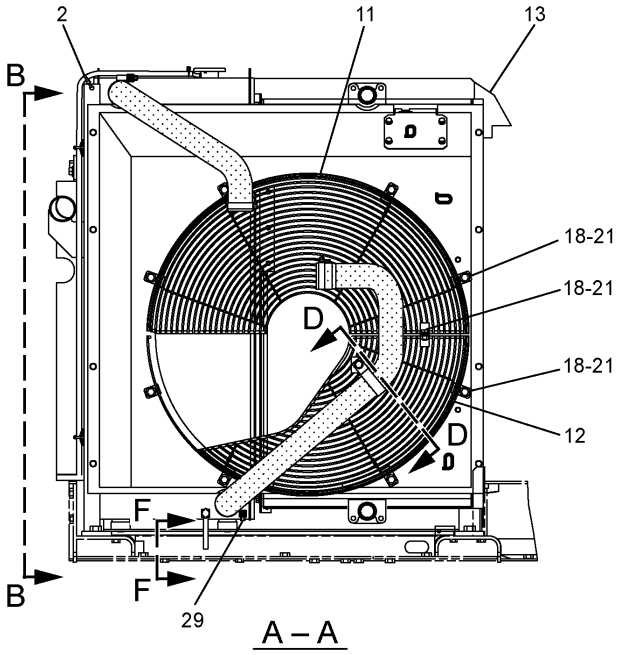
COOLING SYSTEM

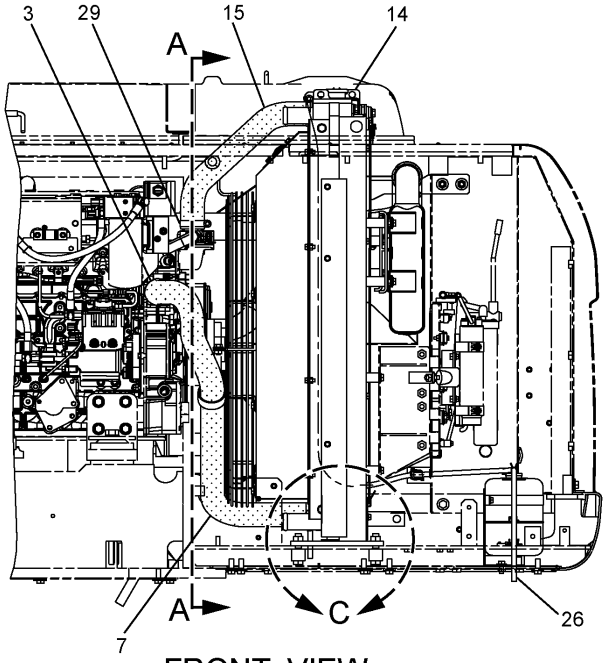
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-4984	9	CLAMP					
	2	8T-6703	1	CLAMP					
	3	210-8012	1	SUPPORT					
	4	265-3581	1	PIPE AS					
	5	265-3585	1	HOSE					
	6	265-3586	1	HOSE					
	7	265-3587	1	PIPE AS					
	8	265-3590	1	HOSE					
	9	265-3591	1	HOSE					
	10	265-3599	1	HOSE					
	11	8T-4121	6	WASHER					
	12	8T-4136	4	BOLT (L=25mm)					
	13	8T-4137	2	BOLT (L=20mm)					

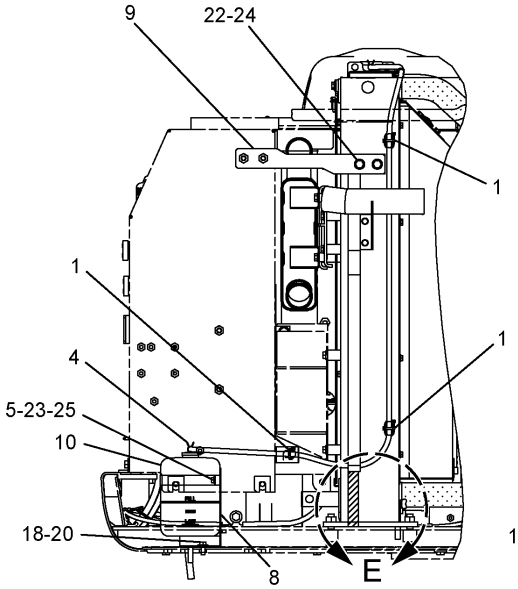
H94389E 01

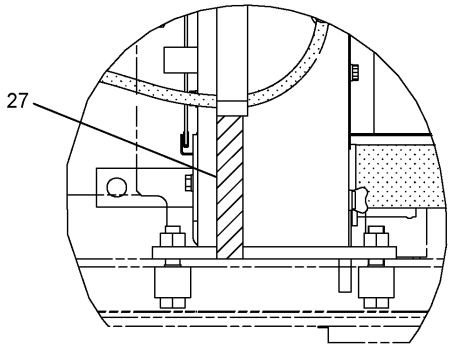
265-3504 LINES GP-COOLING

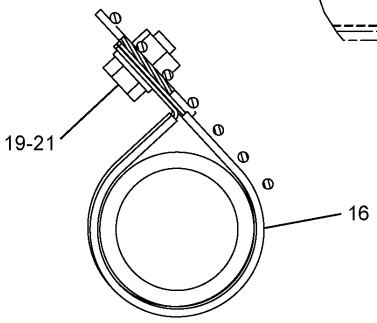
COOLING SYSTEM

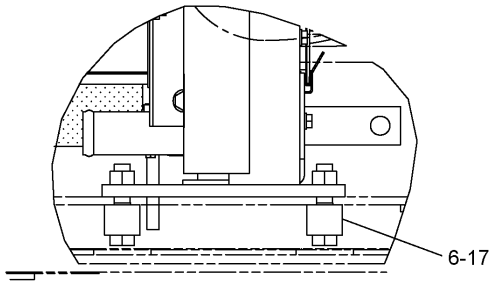


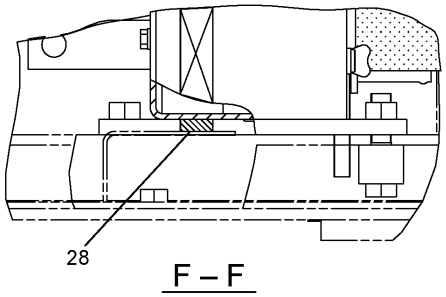












H96828E 03

265–3600 RADIATOR & HYD OIL COOLER GP
281–3602–Page56

COOLING SYSTEM

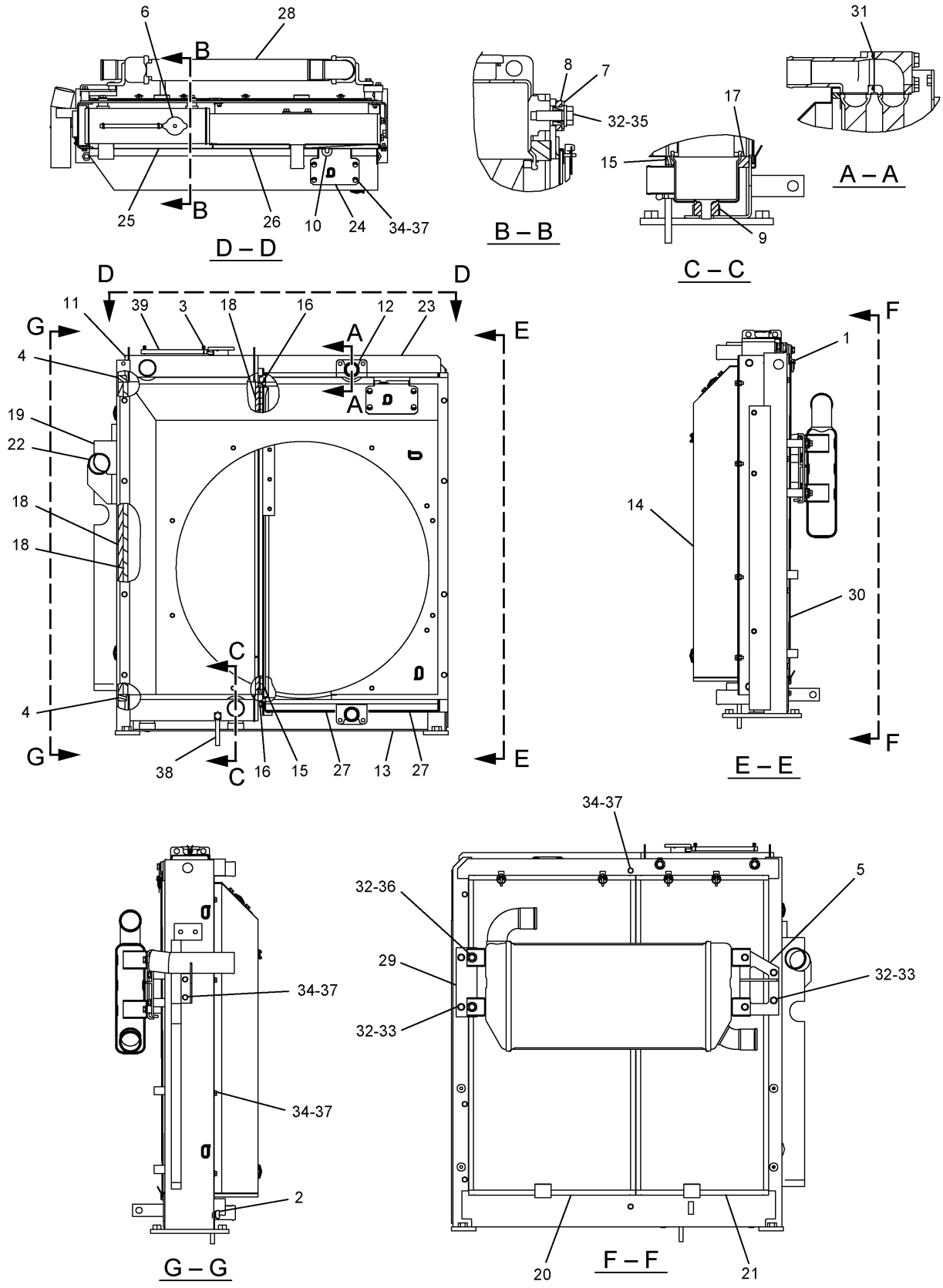
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	3	STRAP					
	2	7I-2673	1	STRAP					
	3	8T-4984	1	CLAMP					
	4	096-4035	1	CLIP					
	5	171-9077	1	BAND					
	6	178-6450	4	SPACER					
	7	245-9178	1	HOSE					
	8	245-9185	1	BRACKET AS					
	9	245-9191	1	PLATE AS					
	10	245-9205	1	TANK AS					
		171-3369	1	CAP AS					
	11	245-9348	1	GUARD AS					
	12	245-9349	1	GUARD AS					
	13	245-9352	1	SEAL					
Y	14	281-3602	1	RADIATOR GP					
	15	265-3602	1	HOSE					
	16	3P-9847	1	CLIP					
	17	7X-2554	4	BOLT (L=70mm)					
	18	7X-7729	11	WASHER					
	19	8T-4121	1	WASHER					
	20	8T-4136	2	BOLT (L=25mm)					
	21	8T-4137	10	BOLT (L=20mm)					
	22	8T-4139	2	BOLT (L=30mm)					
	23	8T-4200	2	BOLT (L=16mm)					
	24	8T-4223	2	WASHER					
	25	8T-4224	2	WASHER					
E	26	7Y-1976		HOSE…(40cm)					
D	27	5P-9909		SEAL…(0.14m)					
D	28	5P-9909		SEAL…(0.865m)					
	29	8T-6703	3	CLAMP					

D—ORDER BY THE METER
E—ORDER BY THE CENTIMETER
Y—SEE SEPARATE ILLUSTRATION

H96828E 03

265-3600 RADIATOR & HYD OIL COOLER GP
281-3602-Page56

COOLING SYSTEM



H96829E 00

281-3602 RADIATOR & HYD OIL COOLER GP
Part of 265-3600-Page55

COOLING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5D-8159	4	PIN AS					
	2	093-5432	1	COCK AS					
	3	096-4035	2	CLIP					
	4	210-8117	2	SEAL					
	5	210-8128	1	PLATE AS					
	6	245-9212	1	CAP AS					
	7	245-9216	2	BOSS					
	8	245-9217	2	CUSHION					
	9	245-9218	2	CUSHION					
	10	245-9276	2	SEAL					
	11	265-3624	1	CORE AS (RADIATOR)					
	12	265-3625	1	CORE AS (OIL COOLER)					
	13	281-3605	1	FRAME AS					
	14	265-3628	1	SHROUD AS					
	15	265-3629	2	SEAL					
	16	265-3630	2	SEAL					
	17	265-3631	2	SEAL					
	18	265-3632	3	SEAL					
	19	265-3633	1	SEAL					
	20	265-3634	1	SCREEN AS					
	21	265-3635	1	SCREEN AS					
	22	265-3637	1	PIPE AS					
	23	265-3638	1	SEAL-O-RING (ID=44.70mm)					
	24	265-3639	1	PLATE AS					
	25	265-3642	1	SEAL					
	26	265-3643	1	SEAL					
	27	281-3488	2	SHEET					
	28	281-3534	1	AFTERCOOLER AS					
	29	281-3535	1	PLATE AS					
	30	281-3568	2	SEAL					
	31	095-1543	2	SEAL-O-RING (ID=44.70mm)					
	32	8T-4121	10	WASHER					
	33	8T-4137	6	BOLT (L=20mm)					
	34	8T-4189	20	BOLT (L=20mm)					
	35	8T-4195	2	BOLT (L=30mm)					
	36	8T-4196	2	BOLT (L=35mm)					
	37	8T-4224	20	WASHER					
E	38	7Y-1976		HOSE…(8cm)					
E	39	7Y-1976		HOSE…(19cm)					

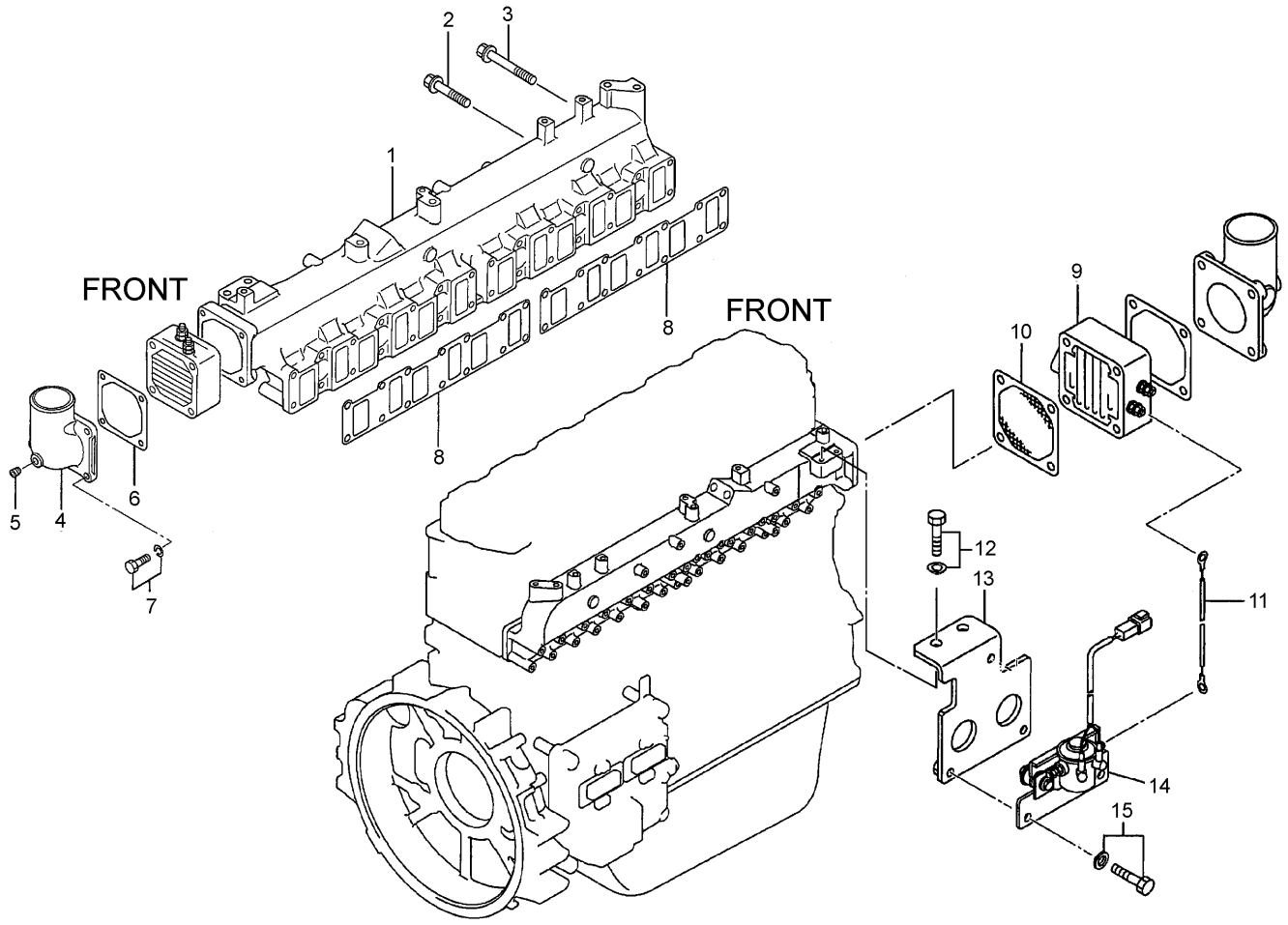
E—ORDER BY THE CENTIMETER

H96829E 00

281-3602 RADIATOR & HYD OIL COOLER GP

Part of 265-3600-Page55

AIR INLET AND EXHAUST SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1760	1	MANIFOLD					
	2	096-8490	12	BOLT (L=40mm)					
	3	294-1700	16	BOLT					
	4	5I-8021	1	ELBOW AS					
		5I-8022	1	ELBOW					
	5	5I-8023	1	PLUG					
	6	5I-7678	1	GASKET					
	7	303-6261	4	BOLT AS					
	8	294-1758	2	GASKET					
	9	168-5057	1	HEATER					
	10	5I-7677	1	GASKET					
	11	294-1853	1	CABLE					
	12	294-1738	2	BOLT AS					
	13	294-1854	1	BRACKET					
Y	14	223-4453	1	SWITCH AS					
	15	5I-5597	2	BOLT AS					

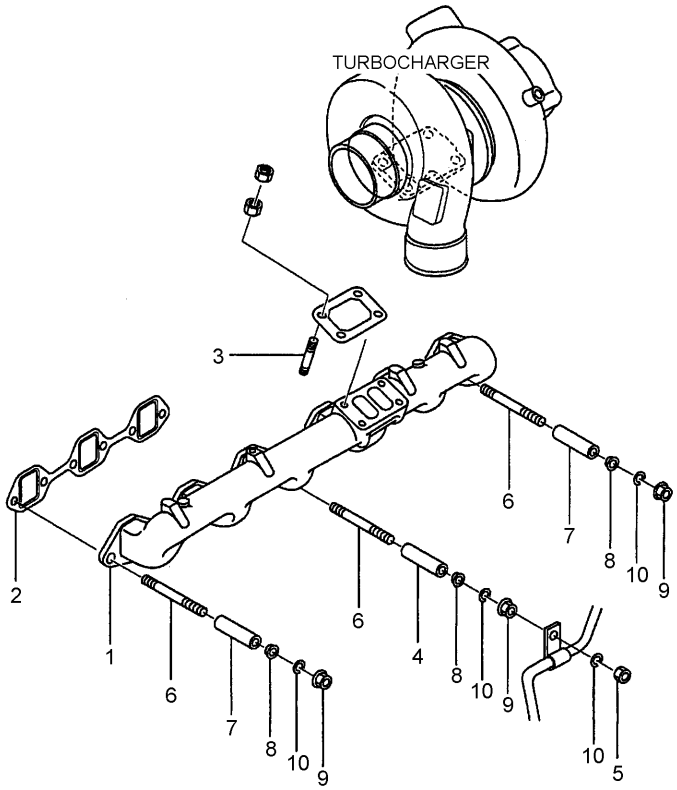
Y—SEE SEPARATE ILLUSTRATION

H96257E 01

296-4652 MANIFOLD GP-INLET

Part of 272-4677-Page15
223-4453-Page149

AIR INLET AND EXHAUST SYSTEM

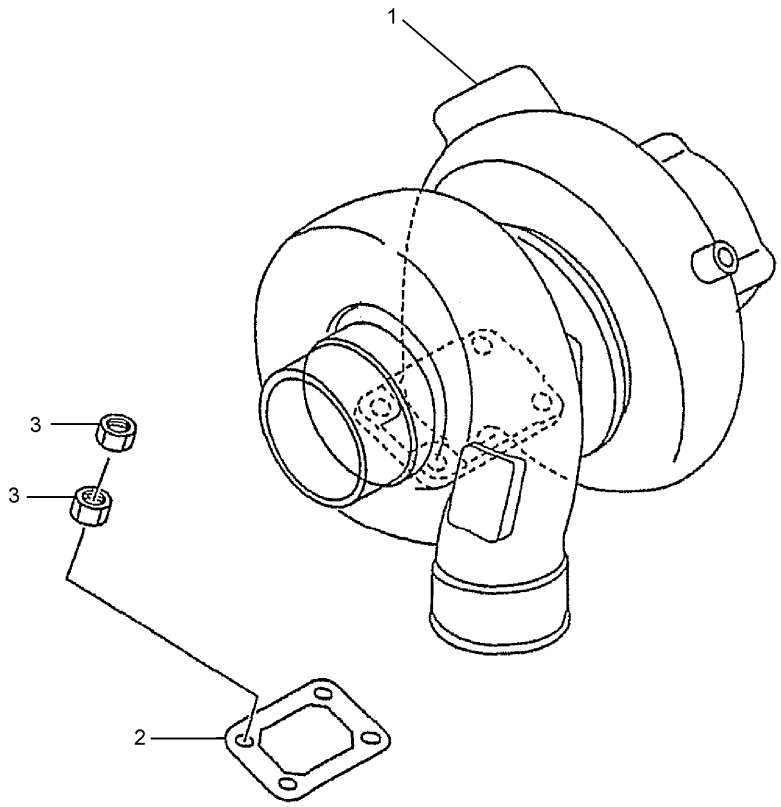


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	178-6552	1	MANIFOLD					
	2	294-1761	2	GASKET					
	3	178-6554	4	STUD					
	4	5I-7601	1	SPACER					
	5	091-3474	1	NUT					
	6	5I-7549	12	STUD					
	7	5I-7550	11	SPACER					
	8	239-6604	12	WASHER					
	9	212-8489	12	NUT					
	10	095-8638	13	WASHER					

H99755E 02

296-4653 MANIFOLD GP-EXHAUST
Part of 272-4677-Page15

AIR INLET AND EXHAUST SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	287-0049	1	TURBOCHARGER GP					
	2	5I-7742	1	GASKET					
	3	5I-7633	8	NUT					

Y—SEE SEPARATE ILLUSTRATION

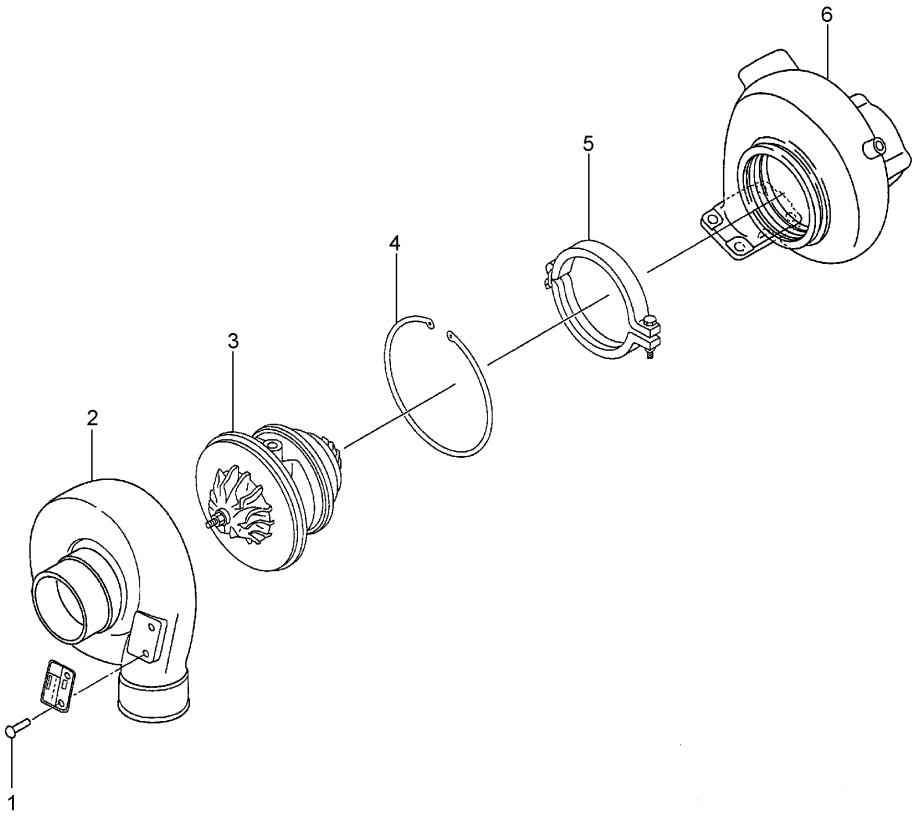
H99753E 00

310-9617 TURBOCHARGER GP

Part of 272-4677-Page15
287-0049-Page60

MEMORANDA

AIR INLET AND EXHAUST SYSTEM



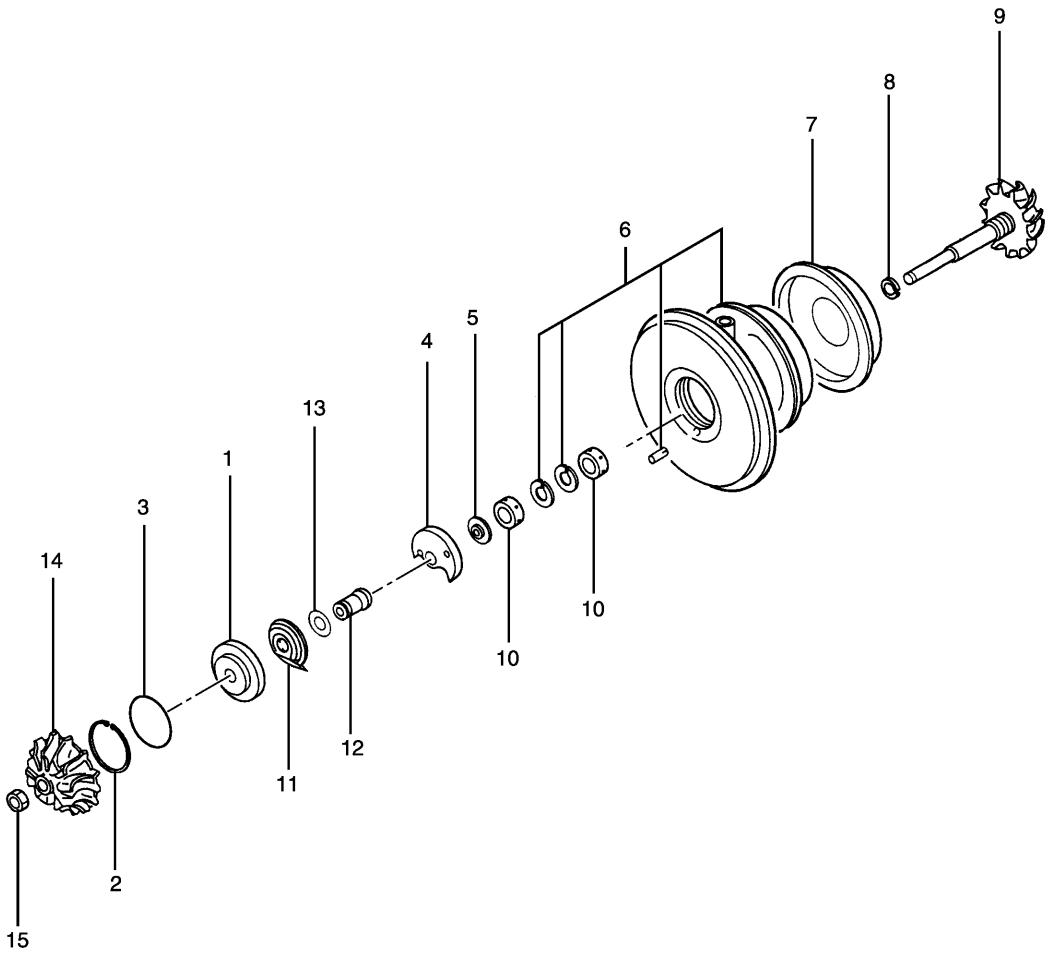
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5B-9304	2	SCREW					
	2	5I-7587	1	COVER					
Y	3	5I-7589	1	CARTRIDGE AS					
	4	135-2352	1	RING					
	5	5I-7602	1	COUPLING AS					
	6	294-1763	1	HOUSING					

Y—SEE SEPARATE ILLUSTRATION

H96872E 00

287-0049 TURBOCHARGER GP
Part of 310-9617-Page59.01
5I-7589-Page61

AIR INLET AND EXHAUST SYSTEM

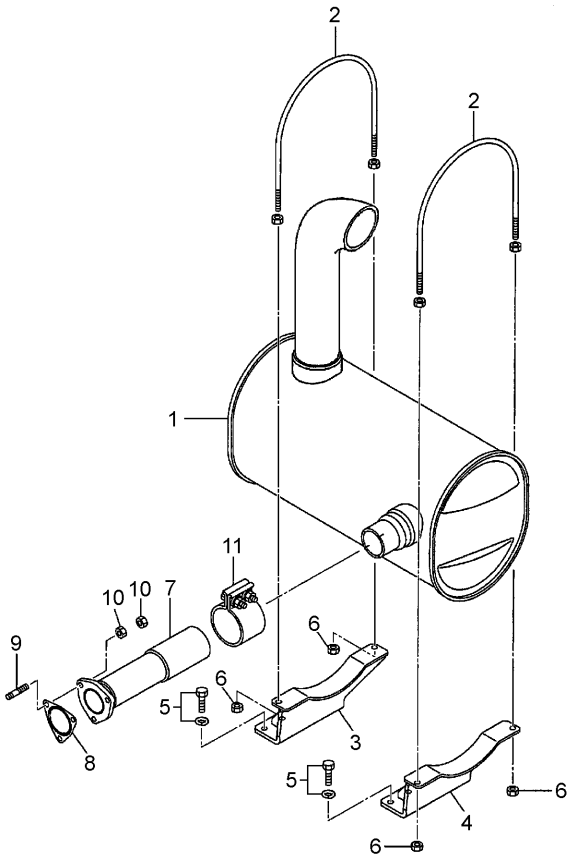


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	135-2351	1	INSERT					
	2	135-2352	1	RING					
	3	135-2355	1	SEAL-O-RING (ID=49.40mm)					
	4	135-2347	1	BEARING					
	5	135-2356	1	RING					
	6	135-2359	1	HOUSING					
	7	135-2346	1	PLATE					
	8	135-2354	1	RING					
	9	171-3254	1	WHEEL AS					
	10	135-2358	2	BEARING					
	11	135-2348	1	DEFLECTOR					
	12	135-2349	1	SLEEVE					
	13	135-2350	1	RING					
	14	135-2360	1	WHEEL					
	15	156-3103	1	NUT					

H67681E 03

5I-7589 CARTRIDGE AS-TURBOCHARGER
Part of 287-0049-Page60

AIR INLET AND EXHAUST SYSTEM

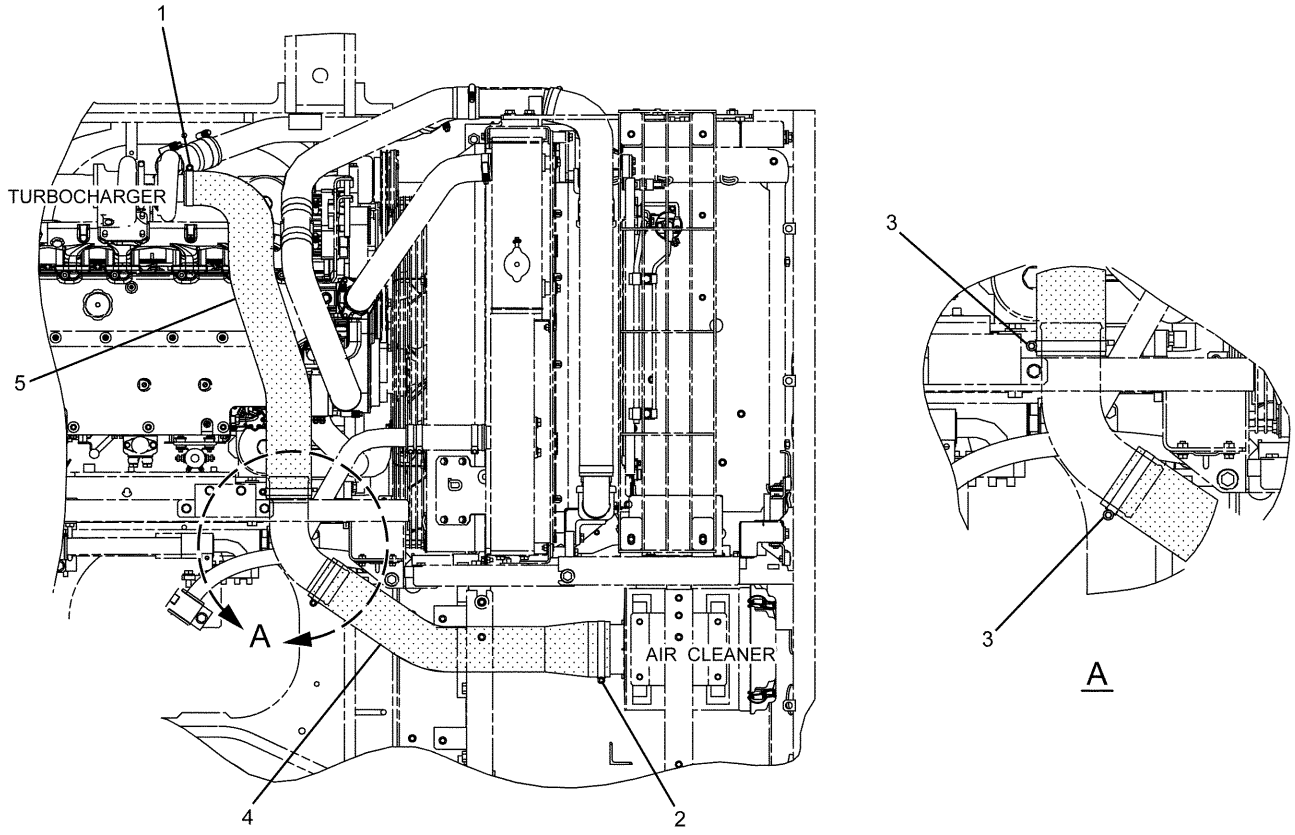


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	297-7791	1	MUFFLER					
	2	266-6321	2	U-BOLT					
	3	266-6319	1	BRACKET					
	4	266-6320	1	BRACKET					
	5	294-1738	4	BOLT AS					
	6	6V-8231	8	NUT					
	7	5I-8040	1	PIPE					
	8	5I-7679	1	GASKET					
	9	178-6554	3	STUD					
	10	5I-7633	6	NUT					
	11	094-7583	1	CLAMP AS					

H99717E 00

297-7745 MUFFLER GP
Part of 272-4677-Page15

AIR INLET AND EXHAUST SYSTEM



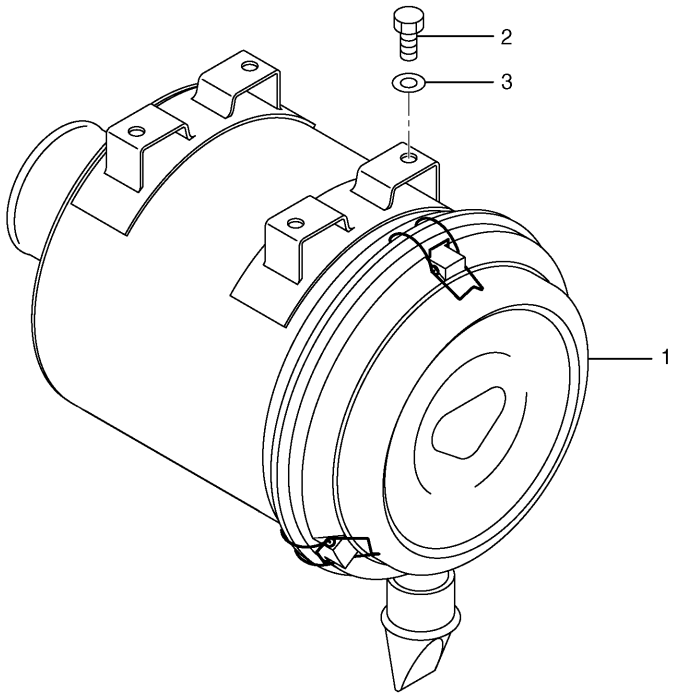
TOP VIEW OF ENGINE

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	144-0367	1	CLAMP					
	2	8T-4986	1	CLAMP					
	3	9X-2201	2	CLAMP					
	4	279-7907	1	HOSE					
	5	287-0211	1	HOSE					

H95445E 03

272-4744 LINES GP-AIR

AIR INLET AND EXHAUST SYSTEM



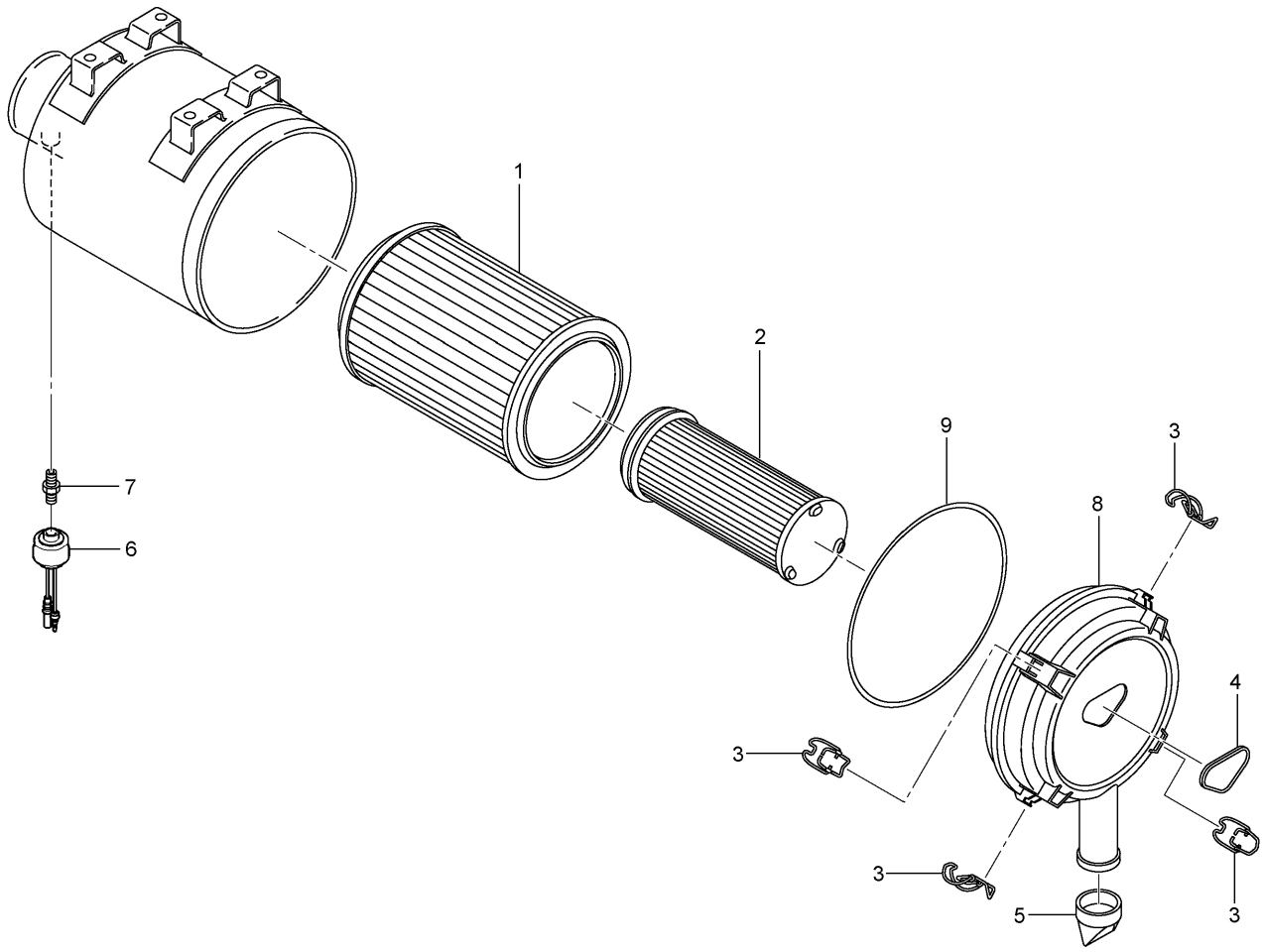
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	124-1711	1	CLEANER GP					
	2	8T-4137	4	BOLT (L=20mm)					
	3	8T-4121	4	WASHER					

Y—SEE SEPARATE ILLUSTRATION

H90609E 04

109-9313 MOUNTING GP-AIR CLEANER
124-1711-Page65

AIR INLET AND EXHAUST SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	131-8822	1	ELEMENT AS					
	2	131-8821	1	ELEMENT AS					
	3	131-8932	4	LATCH					
	4	131-8826	1	FILM					
	5	112-9717	1	VALVE (VACUATOR)					
	6	255-2966	1	INDICATOR AS					
	7	5L-3233	1	FITTING					
	8	184-3983	1	COVER AS					
	9	168-0792	1	SEAL					

H91107E 07

124-1711 AIR CLEANER GP
Part of 109-9313-Page64

AIR INLET AND EXHAUST SYSTEM

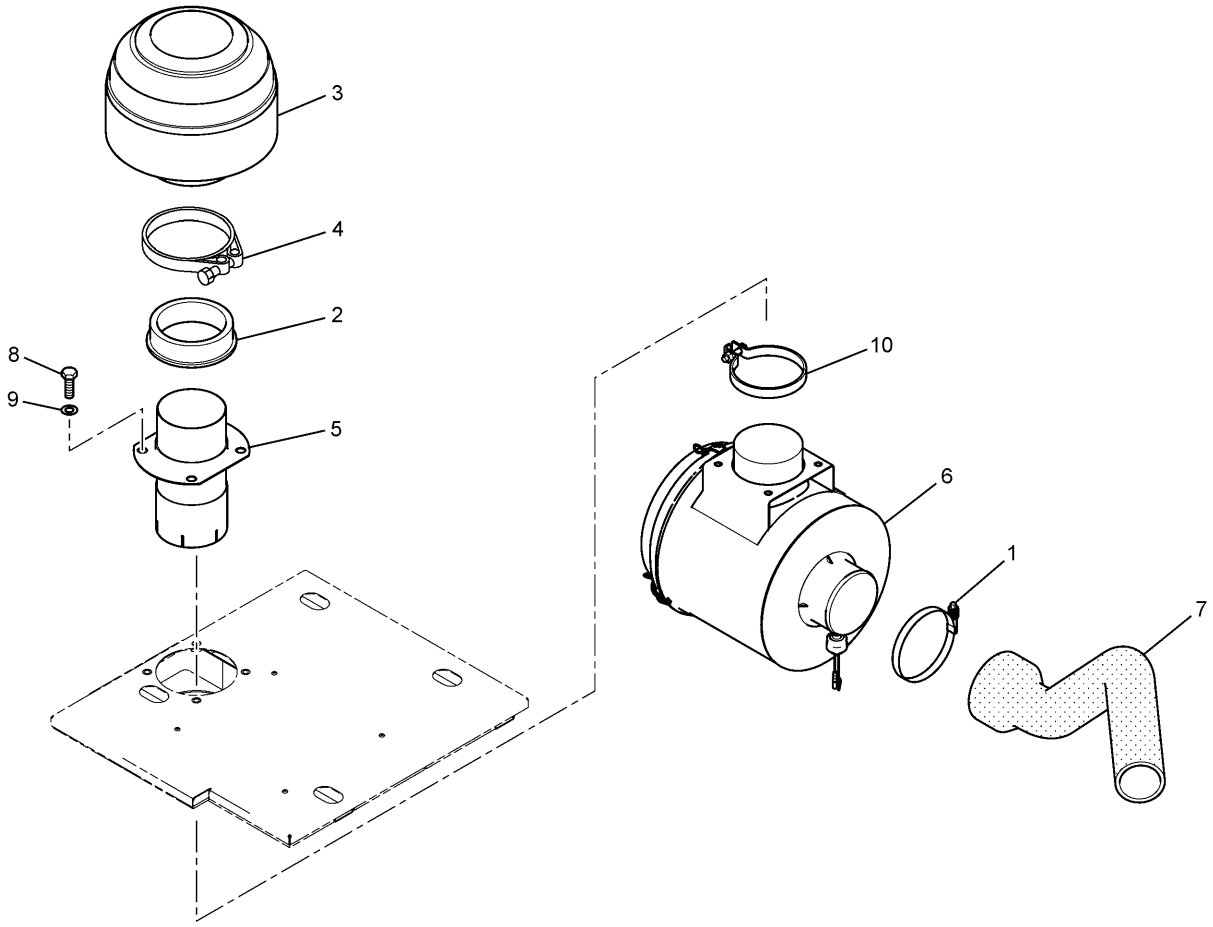
Consists of :

			Page
1	272-4773	AIR CLEANER GP	67
1	278-3778	HOOD GP	251

H94143E 00

264-8671 CLEANER AR
Air Prefilter
An Attachment

AIR INLET AND EXHAUST SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-4987	1	CLAMP					
	2	116-2659	1	DAMPER					
	3	130-3280	1	PRECLEANER AS					
	4	174-5415	1	CLAMP					
	5	239-6395	1	PIPE AS					
Y	6	239-6612	1	CLEANER GP					
	7	279-7909	1	HOSE					
	8	8T-4139	4	BOLT (L=30mm)					
	9	8T-4223	4	WASHER					
	10	134-7089	1	CLAMP					

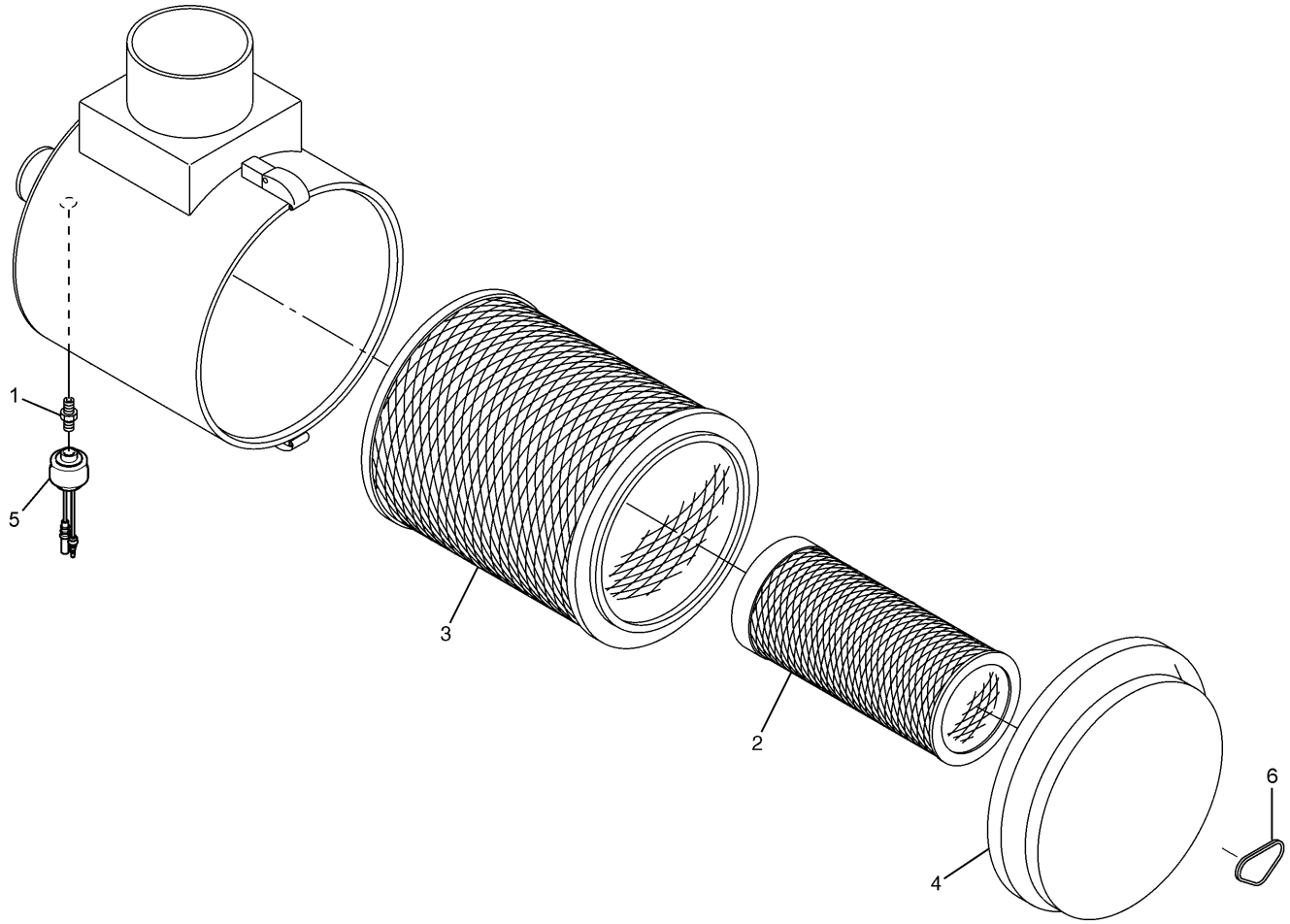
Y—SEE SEPARATE ILLUSTRATION

H93693E 01

272-4773 AIR CLEANER GP

Part of 264-8671-Page66
239-6612-Page68
An Attachment

AIR INLET AND EXHAUST SYSTEM



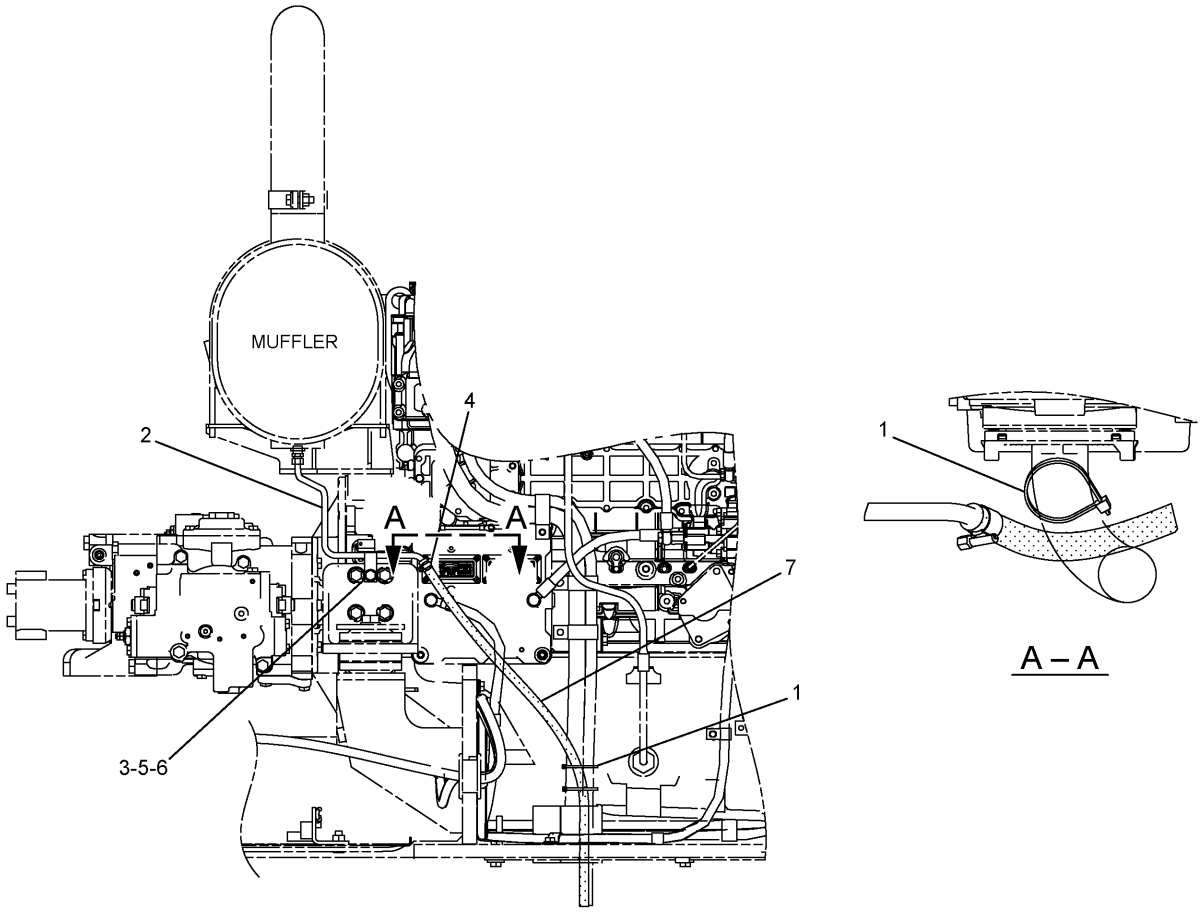
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5L-3233	1	FITTING					
	2	6I-2502	1	ELEMENT AS					
	3	6I-2501	1	ELEMENT AS					
	4	171-9892	1	COVER AS					
	5	255-2966	1	INDICATOR AS					
	6	131-8826	1	FILM					

H91267E 03

239-6612 AIR CLEANER GP
Part of 272-4773-Page67
An Attachment

MEMORANDA

AIR INLET AND EXHAUST SYSTEM



RIGHT SIDE VIEW OF ENGINE

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	3	STRAP					
	2	287-0171	1	PIPE AS					
	3	171-9073	1	CLIP					
	4	5P-4961	1	CLAMP					
	5	8T-4121	1	WASHER					
	6	8T-4191	1	BOLT (L=16mm)					
E	7	5P-1442		HOSE…(72cm)					

E—ORDER BY THE CENTIMETER

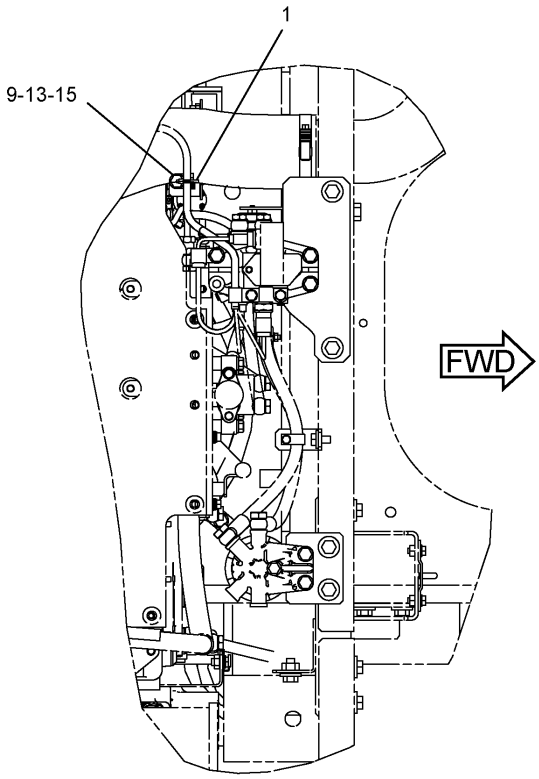
H96877E 01

287-0183 LINES GP-DRAIN

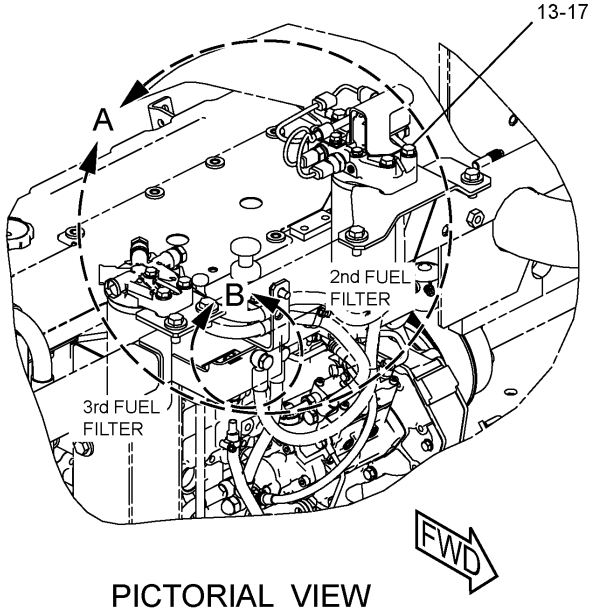
MEMORANDA

MEMORANDA

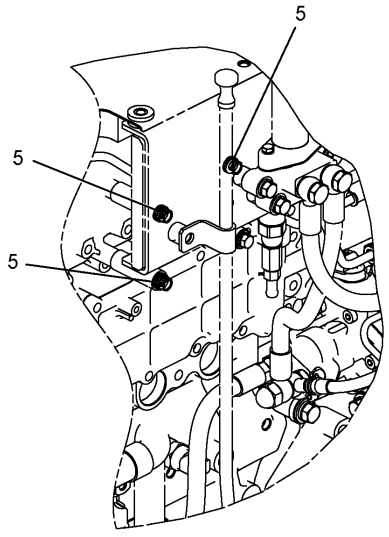
MEMORANDA



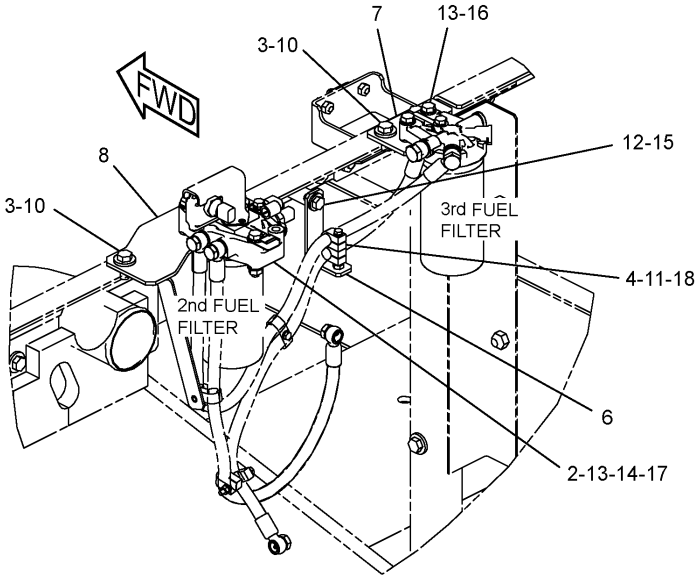
TOP VIEW



PICTORIAL VIEW



B



A

H98419E 04

297-7671 FILTER & MTG GP-FUEL

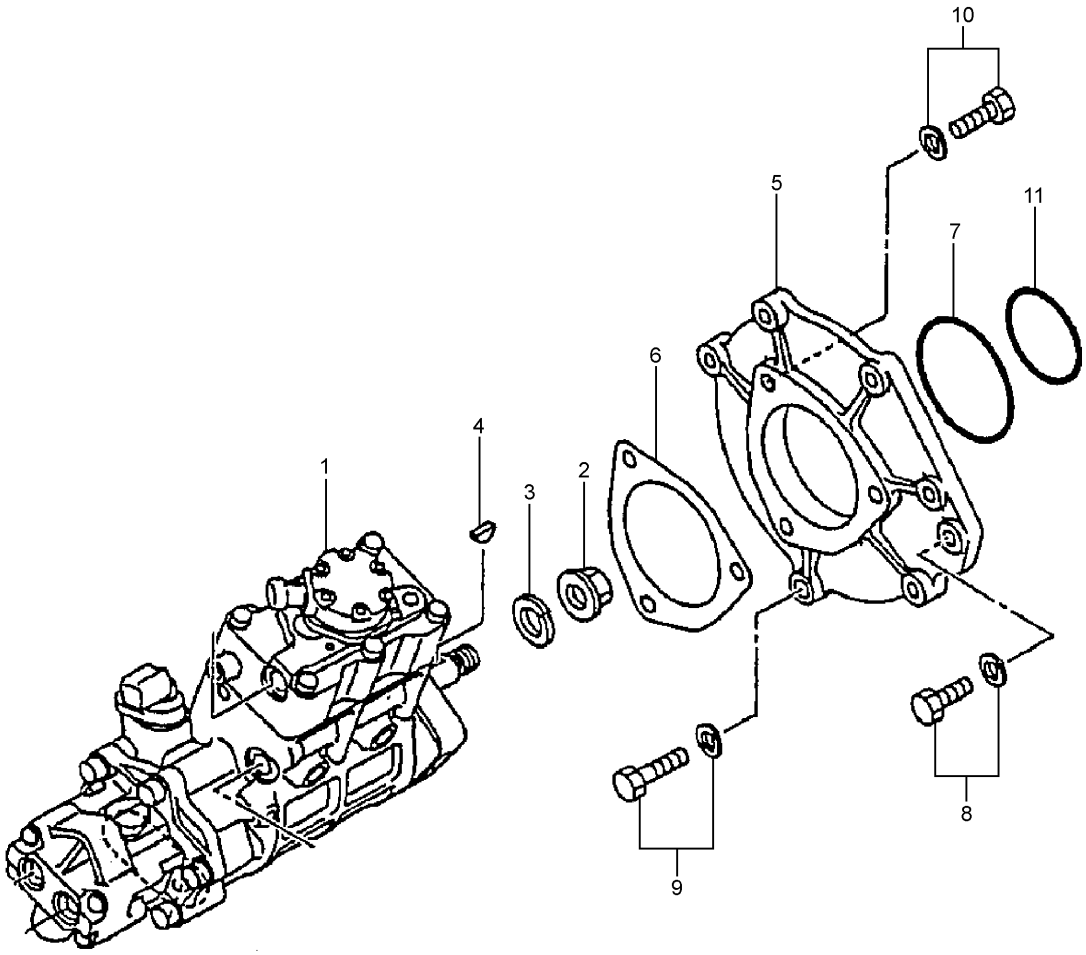
FUEL SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	1	STRAP					
	2	116-0118	1	CLIP					
	3	8T-4139	4	BOLT (L=30mm)					
	4	294-1831	2	CLAMP					
	5	8T-4224	6	WASHER					
	6	297-7672	1	PLATE AS					
	7	297-7673	1	PLATE AS					
	8	297-7674	1	PLATE AS					
	9	132-5789	1	CLIP					
	10	5P-1076	4	WASHER					
	11	7X-2535	1	BOLT (L=60mm)					
	12	7X-7729	1	WASHER					
	13	8T-4121	7	WASHER					
	14	8T-4133	1	NUT					
	15	8T-4137	2	BOLT (L=20mm)					
	16	8T-4182	2	BOLT (L=45mm)					
	17	8T-6466	3	BOLT (L=60mm)					
	18	9X-8256	2	WASHER					

H98419E 04

297-7671 FILTER & MTG GP-FUEL

FUEL SYSTEM

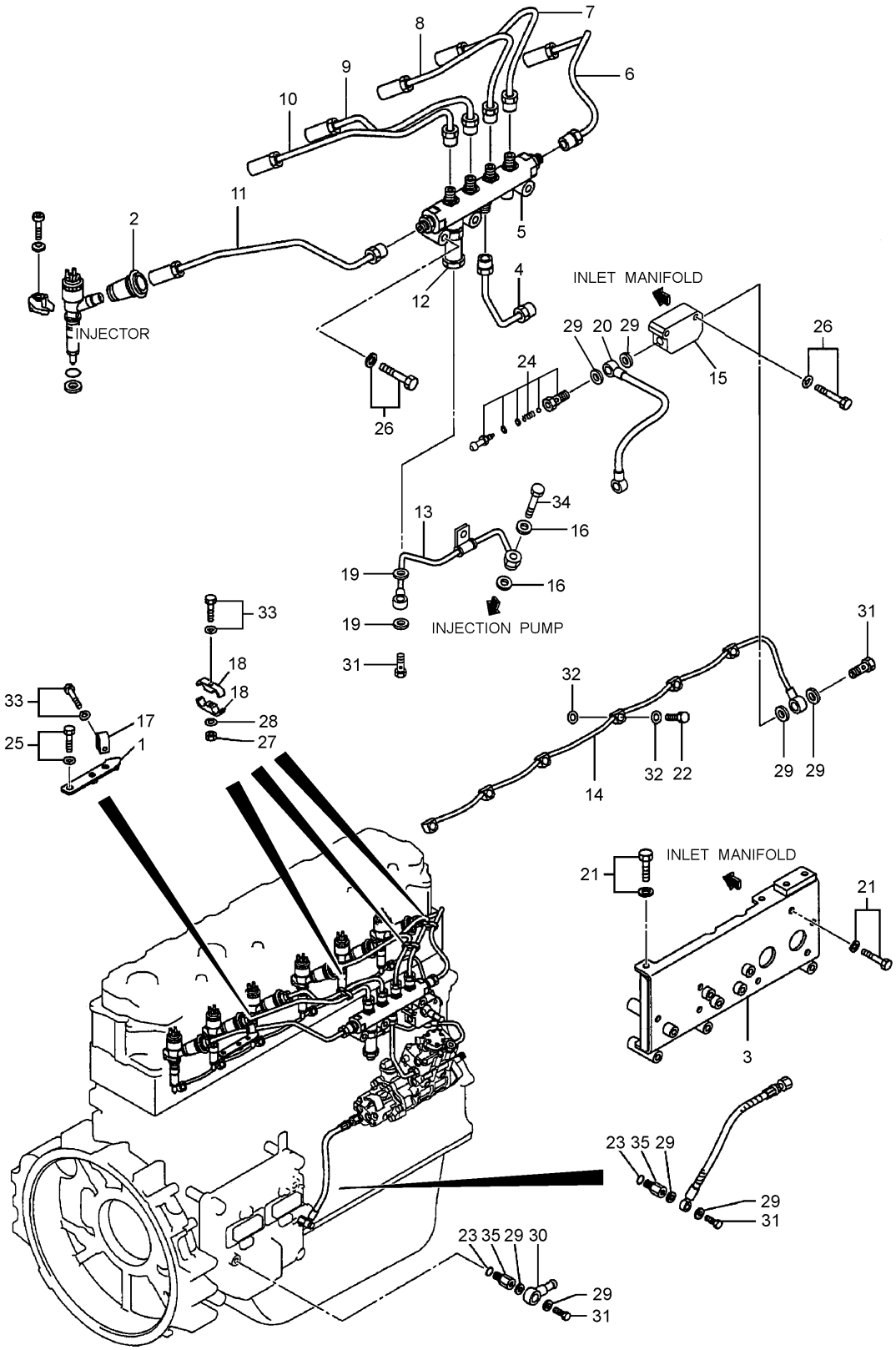


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	295-9126	1	PUMP GP					
	2	294-1834	1	NUT					
	3	294-1835	1	WASHER					
	4	294-1836	1	KEY					
	5	294-1839	1	FLANGE					
	6	294-1841	1	GASKET					
	7	294-1842	1	SEAL					
	8	095-8799	1	BOLT AS					
	9	294-1843	1	BOLT AS					
	10	294-1821	3	BOLT AS					
	11	294-1846	1	SEAL-O-RING					

H99322E 00

305-4678 MOUNTING GP-PUMP
Part of 272-4677-Page15

MEMORANDA



H99721E 06

296-4656 LINES GP-FUEL
Part of 272-4677-Page15

FUEL SYSTEM

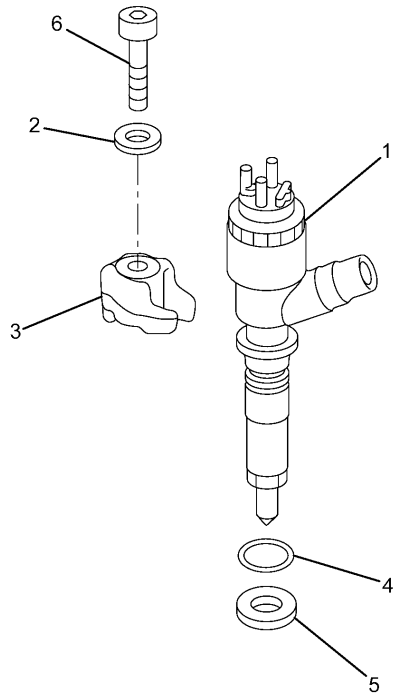
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1787	1	SUPPORT					
	2	294-1788	6	SEAL					
	3	294-1815	1	BRACKET					
	4	294-1789	1	PIPE					
	5	311-6632	1	RAIL AS					
	6	294-1790	1	PIPE					
	7	294-1791	1	PIPE					
	8	294-1792	1	PIPE					
	9	294-1793	1	PIPE					
	10	294-1794	1	PIPE					
	11	294-1795	1	PIPE					
	12	314-4007	1	PACKAGING					
	13	297-7656	1	PIPE					
	14	294-1814	1	PIPE					
	15	297-7658	1	BLOCK					
	16	294-1811	2	WASHER					
	17	294-1801	1	CLAMP					
	18	294-1802	3	CLAMP					
	19	294-1812	2	WASHER					
	20	297-7657	1	HOSE					
	21	099-2503	6	BOLT AS					
	22	296-4812	6	BOLT					
	23	294-1804	2	SEAL-O-RING					
	24	310-9537	1	VALVE AS					
	25	294-1806	1	BOLT AS					
	26	270-6259	5	BOLT AS					
	27	5I-5078	3	NUT					
	28	9X-8256	3	WASHER					
	29	099-4437	8	GASKET					
	30	125-2983	1	JOINT					
	31	099-5041	4	BOLT (L=27mm)					
	32	095-2039	12	WASHER					
	33	294-1808	4	BOLT AS					
	34	294-1809	1	BOLT					
	35	310-9533	2	CONNECTOR					

H99721E 06

296-4656 LINES GP-FUEL

Part of 272-4677-Page15

FUEL SYSTEM



NOTE	No.	PART No.	QTY	PART NAME
	1	260-5656	6	INJECTOR GP
	2	294-1796	6	WASHER
	3	294-1800	6	SUPPORT
	4	294-1803	6	SEAL
	5	1R-6573	6	GASKET
	6	294-1805	6	BOLT

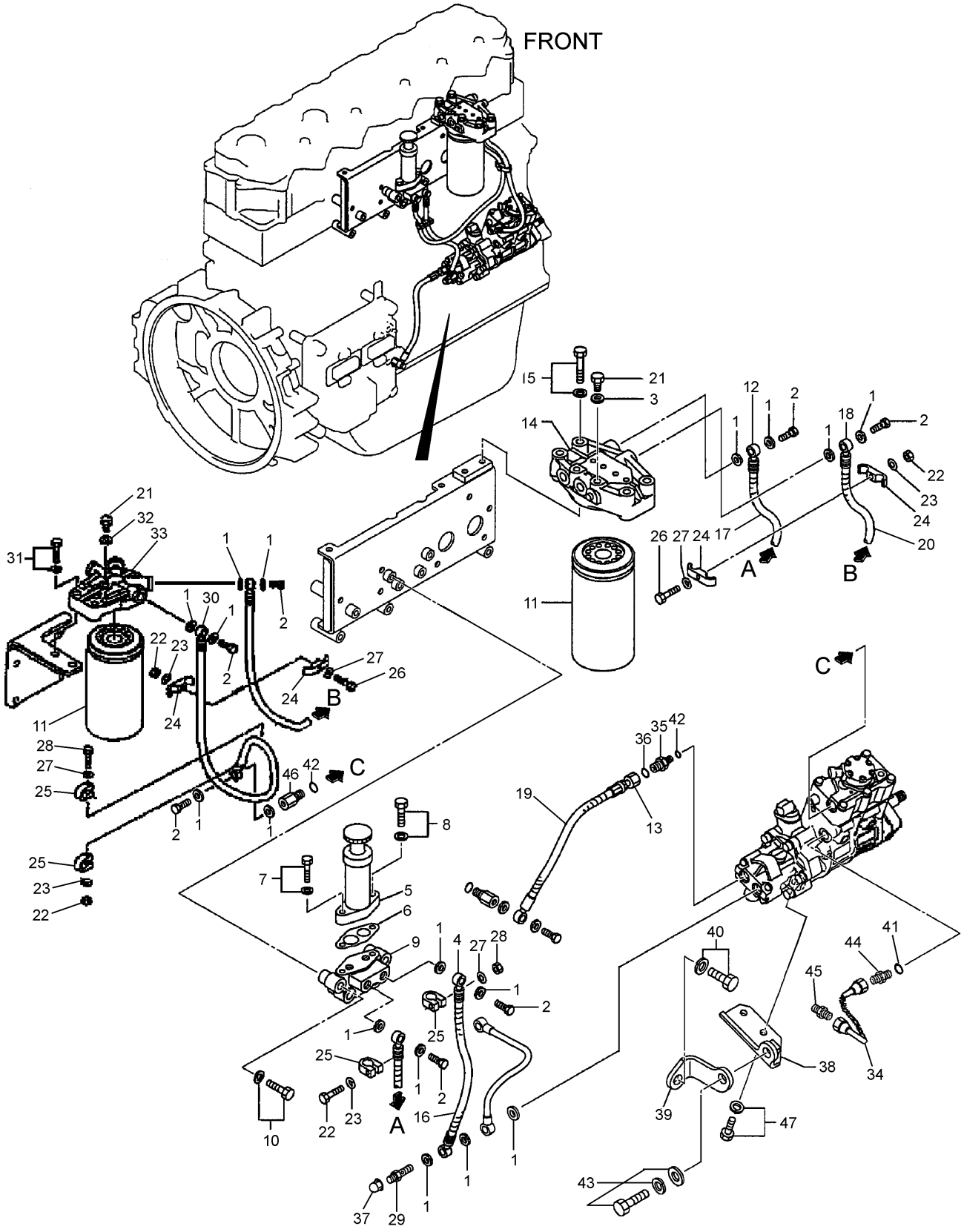
H99302E 00

310-9606 INJECTOR GP-FUEL

Part of 272-4677-Page15

MEMORANDA

FUEL SYSTEM



305-4745 FILTER GP-FUEL
Part of 272-4677-Page15

FUEL SYSTEM

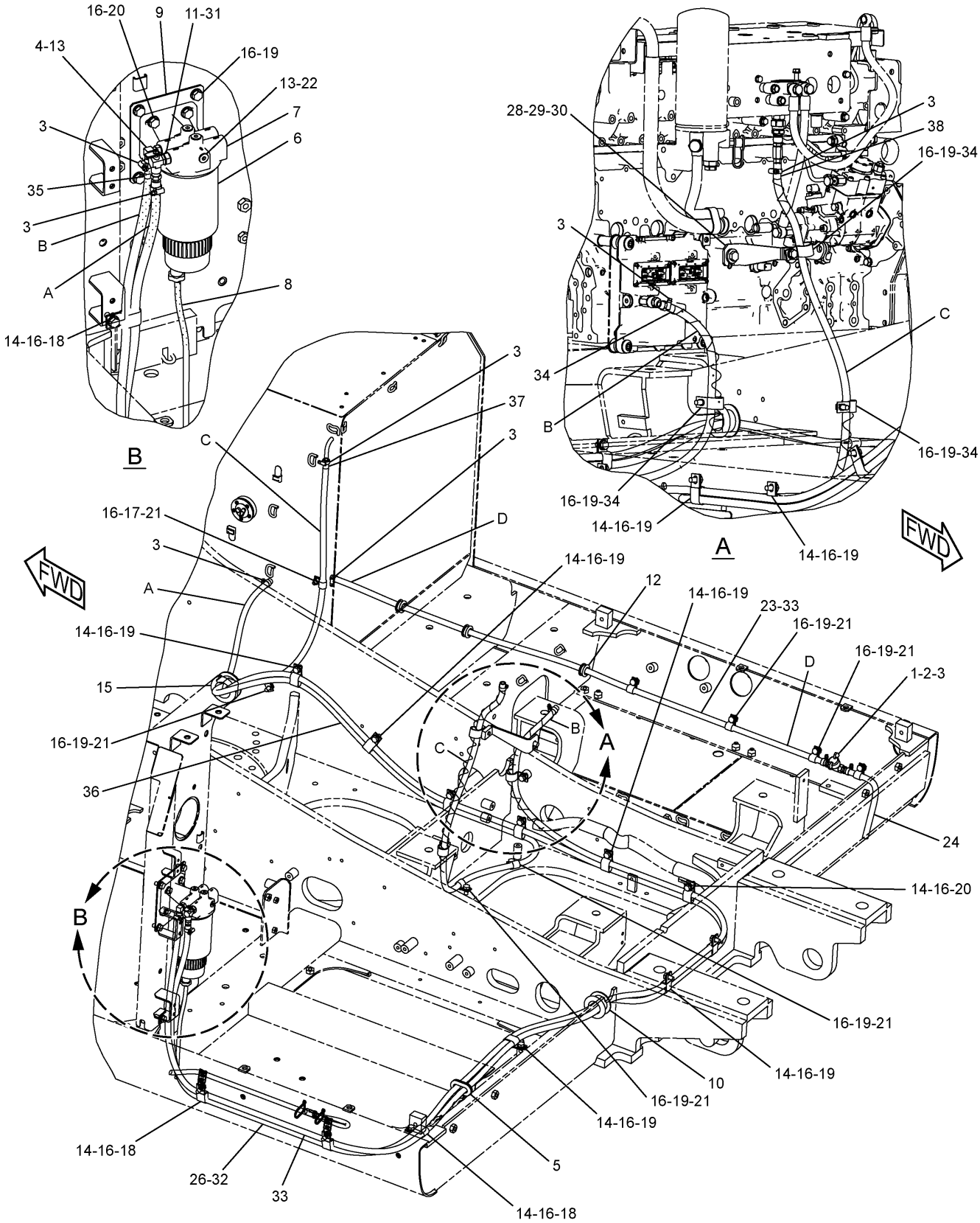
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	099-4437	17	GASKET					
	2	099-5041	7	BOLT (L=27mm)					
	3	294-1811	1	WASHER					
	4	294-1819	1	HOSE					
	5	137-5541	1	PUMP AS					
	6	294-1820	1	GASKET					
	7	199-2241	1	BOLT AS					
	8	294-1821	1	BOLT AS					
	9	294-1822	1	BASE					
	10	294-1823	4	BOLT AS					
	11	1R-0751	2	FILTER AS					
	12	294-1825	1	HOSE					
	13	294-1826	1	HOSE					
	14	294-1827	1	BRACKET					
	15	294-1828	2	BOLT AS					
	16	183-8224	1	TUBE					
	17	196-8217	1	TUBE					
	18	305-4889	1	HOSE					
	19	190-5830	1	TUBE					
	20	294-1830	1	TUBE					
	21	094-9725	2	PLUG					
	22	5I-5078	4	NUT					
	23	9X-8256	4	WASHER					
	24	294-1833	2	CLAMP					
	25	294-1831	4	CLAMP					
	26	297-7822	2	BOLT					
	27	096-2500	4	WASHER					
	28	297-7706	2	BOLT					
	29	310-9534	1	CONNECTOR					
	30	305-4887	1	HOSE					
	31	213-9433	2	BOLT AS					
	32	095-2038	1	WASHER					
	33	310-9536	1	BRACKET					
	34	305-4900	1	PIPE					
	35	294-1848	1	CONNECTOR					
	36	294-1849	1	SEAL-O-RING					
	37	297-7660	1	NUT					
	38	294-1837	1	BRACKET					
	39	294-1838	1	BRACKET					
	40	294-1844	1	BOLT AS					
	41	305-4901	1	SEAL					
	42	294-1804	2	SEAL-O-RING					
	43	294-1845	1	BOLT AS					
	44	305-4902	1	CONNECTOR					
	45	5I-8058	1	CONNECTOR					
	46	310-9533	1	CONNECTOR					
	47	6V-5215	2	BOLT (L=16mm)					

H99742E 04

305-4745 FILTER GP-FUEL

Part of 272-4677-Page15

FUEL SYSTEM



HA1995E 06

273-7735 LINES GP-FUEL
298-3147-Page82,174-9570-Page83

FUEL SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-0379	1	VALVE					
	2	003-7764	2	END					
	3	095-1386	9	CLAMP					
	4	5P-4924	1	ELBOW					
	5	170-2901	1	GROMMET					
Y	6	174-9570	1	FILTER GP					
	7	177-9778	1	BASE AS					
	8	255-3160	1	HOSE					
	9	286-6186	1	SHEET AS					
	10	134-3299	1	GROMMET					
Y	11	298-3147	1	VALVE AS					
	12	2R-1498	3	GROMMET					
	13	3J-1907	7	SEAL-O-RING (ID=11.89mm)					
	14	5K-8451	13	CLIP					
	15	7Y-8167	1	GROMMET					
	16	8T-4121	32	WASHER					
	17	8T-4133	1	NUT					
	18	8T-4136	4	BOLT (L=25mm)					
	19	8T-4137	22	BOLT (L=20mm)					
	20	8T-4195	5	BOLT (L=30mm)					
	21	9M-8406	8	CLIP					
	22	9S-8004	5	PLUG					
E	23	5P-1442		HOSE···(160cm)					
E	24	5P-1442		HOSE···(30cm)					
	25	133-5813	2	BAND (P,GRAY)					
E	26	5P-1442		HOSE···(519cm)					
	27	6D-4636	3	CLIP					
	28	293-6789	1	BRACKET AS					
	29	8T-4179	1	BOLT (L=20mm)					
	30	5P-1072	1	WASHER					
	31	5P-7175	1	NIPPLE					
	32	4I-9521	2	BAND (L1,RED)					
	33	307-7803	1	HOSE AS					
E		5P-1442		HOSE···(400cm)					
	34	4I-9522	1	BAND (L2,YELLOW)					
	35	4I-9527	1	BAND (R3,GREEN)					
	36	307-7804	1	HOSE AS					
E		5P-1442		HOSE···(337cm)					
	37	4I-9523	1	BAND (L3,BLUE)					
	38	4I-9525	1	BAND (R1,ORANGE)					

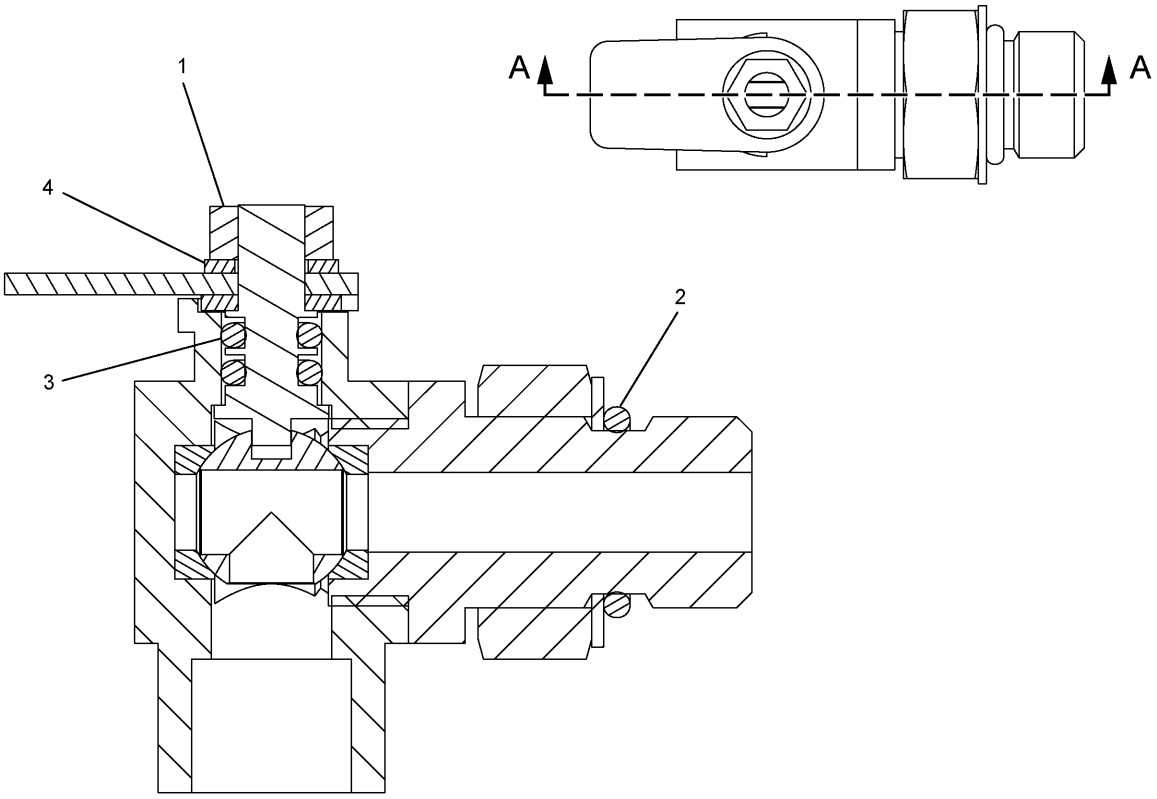
E—ORDER BY THE CENTIMETER

Y—SEE SEPARATE ILLUSTRATION

HA1995E 06

273-7735 LINES GP-FUEL

298-3147-Page82,174-9570-Page83



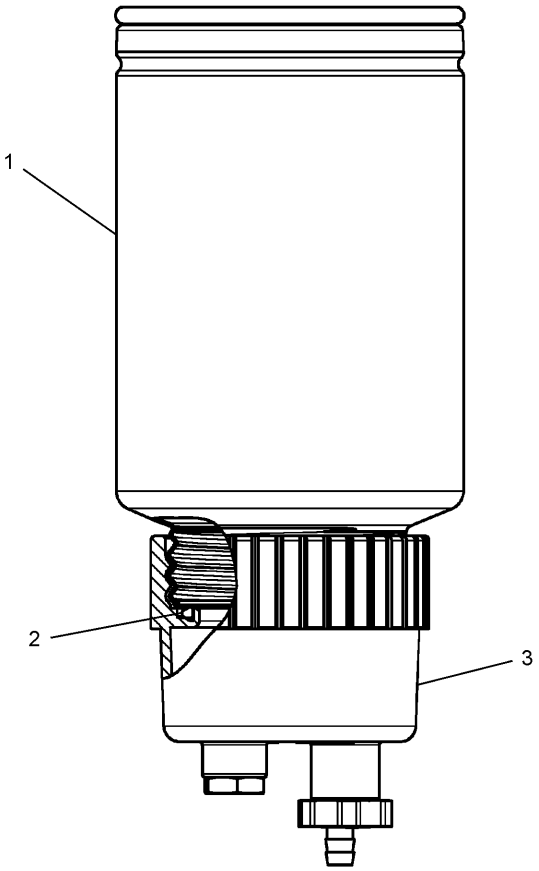
A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	260-6692	1	NUT					
	2	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	3	7Y-5280	2	SEAL-O-RING (ID=3.80mm)					
	4	8T-0328	1	WASHER					

H95513E 00

298-3147 VALVE AS
Part of 273-7735-Page81

FUEL SYSTEM

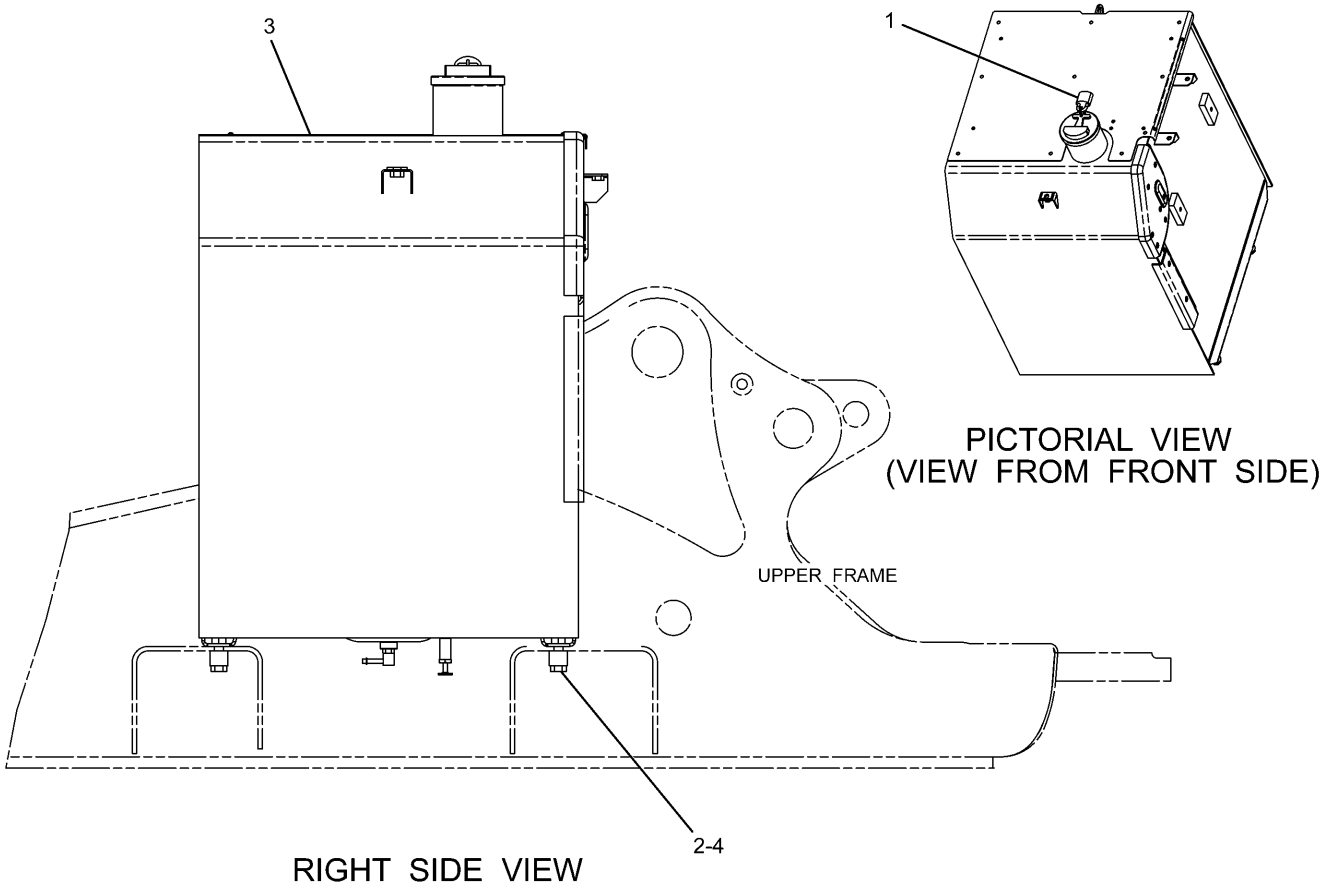


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	1R-0770	1	FILTER AS					
	2	220-8678	1	SEAL					
	3	173-7126	1	BOWL AS					

H88895E 01

174-9570 FILTER GP
Part of 273-7735-Page81

FUEL SYSTEM



PICTORIAL VIEW
(VIEW FROM FRONT SIDE)

RIGHT SIDE VIEW

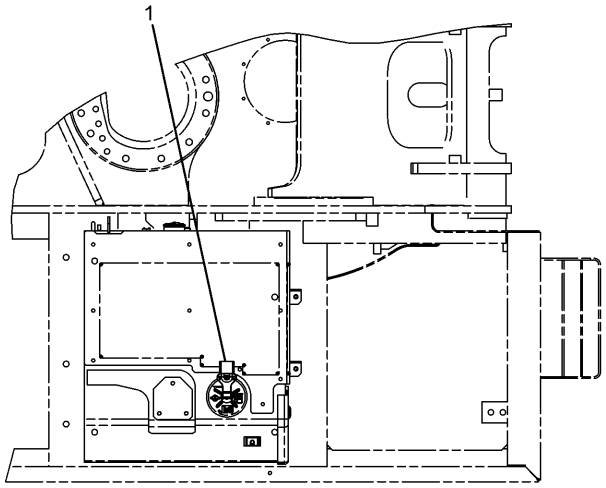
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	246-2641	1	PADLOCK GP					
	2	8T-4140	4	BOLT (L=60mm)					
Y	3	278-3897	1	TANK GP					
	4	085-9310	4	SPACER					

Y—SEE SEPARATE ILLUSTRATION

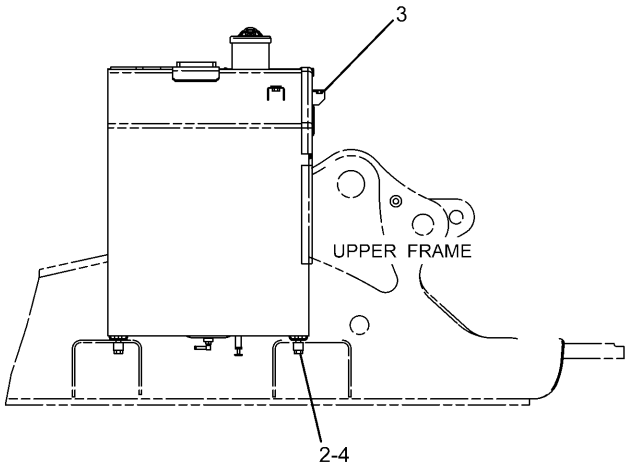
H93703E 00

278-3896 TANK & MTG GP-FUEL
278-3897-Page85

FUEL SYSTEM



TOP VIEW



RIGHT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	246-2641	1	PADLOCK GP					
	2	085-9310	4	SPACER					
Y	3	327-3192	1	TANK GP					
	4	8T-4140	4	BOLT (L=60mm)					

Y—SEE SEPARATE ILLUSTRATION

HA0822E 00

327-3191 TANK & MTG GP-FUEL

Part of 330-1194-Page665.01
327-3192-Page85
An Attachment

MEMORANDA

Consists of :

			Page
1	278-3898	TANK GP-FUEL	86
		-OR-	
1	278-3899	TANK GP-FUEL	88

H94140E 00

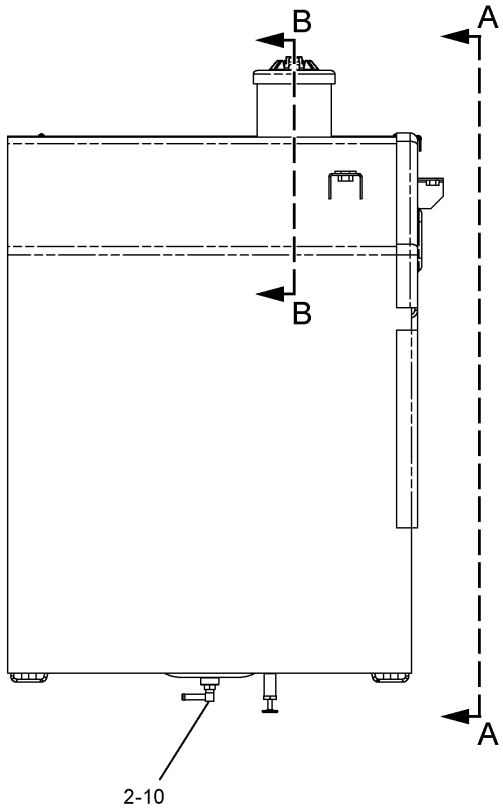
278-3897 TANK GP-FUEL
Part of 278-3896-Page84

Consists of :

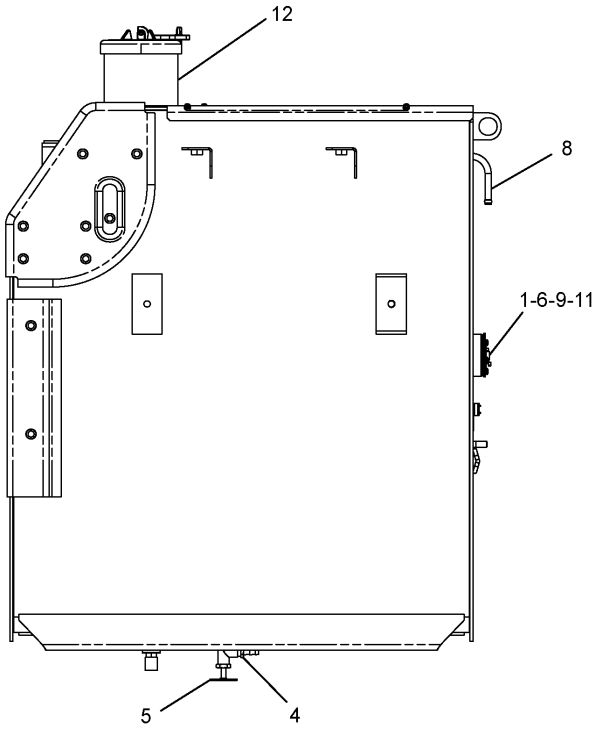
			Page
1	327-3193	TANK GP-FUEL	89.01
		-OR-	
1	327-3196	TANK GP-FUEL	89.02

HA0826E 00

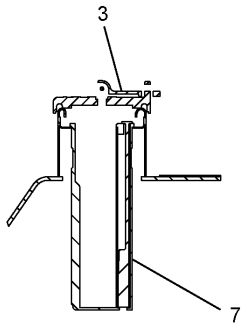
327-3192 TANK GP-FUEL
Part of 327-3191-Page84.01
An Attachment



RIGHT SIDE VIEW



A – A



B – B

H98434E 04

278-3898 TANK GP-FUEL
Part of 278-3897-Page85

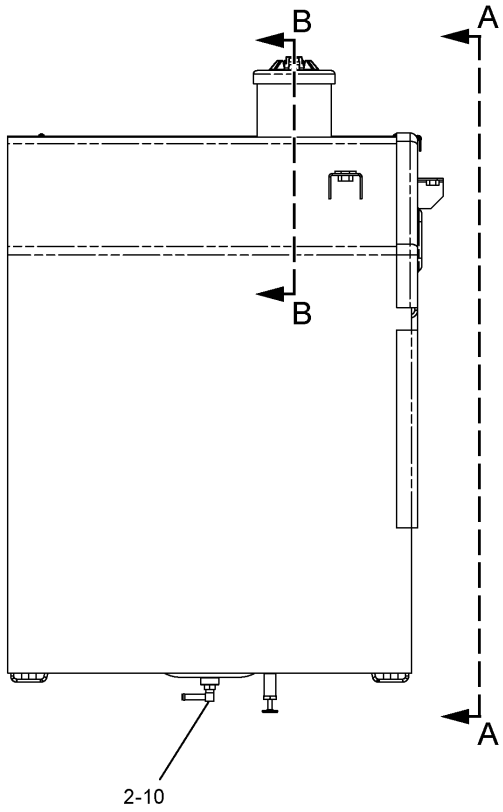
FUEL SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-0378	1	PACKING					
	2	5P-4924	1	ELBOW					
	3	164-4858	1	CAP					
		190-9775	1	COVER AS					
		9X-8600	1	SEAL-O-RING (ID=110.49mm)					
	4	003-7764	1	END					
	5	128-4411	1	VALVE AS					
	6	163-6700	1	SENSOR					
		186-3735	2	PIN					
		102-8802	1	RECEPTACLE KIT					
	7	303-9933	1	STRAINER AS					
		303-9937	1	GAUGE KIT					
	8	4I-0050	1	PIPE					
	9	095-0736	5	SCREW					
	10	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	11	8T-0328	5	WASHER					
	12	131-7501	1	ADAPTER AS					
		7Y-8737	1	FILLER					
		9X-2206	1	ADAPTER AS					

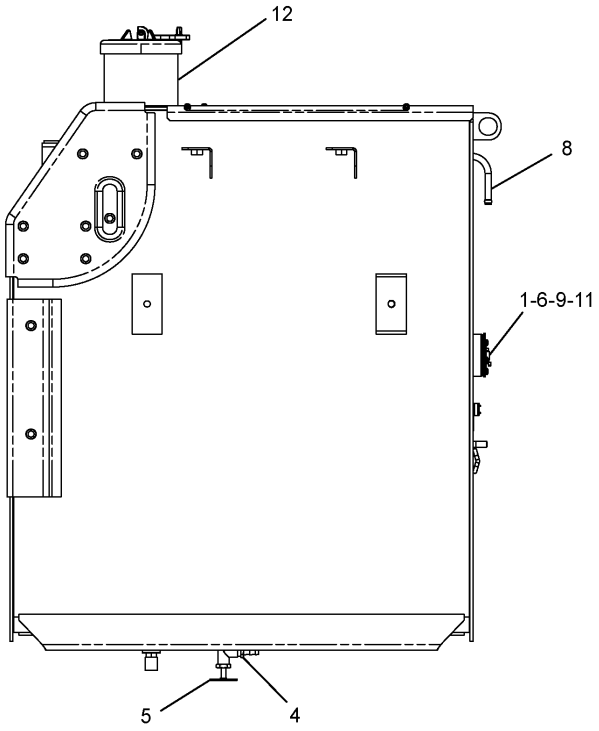
H98434E 04

278-3898 TANK GP-FUEL

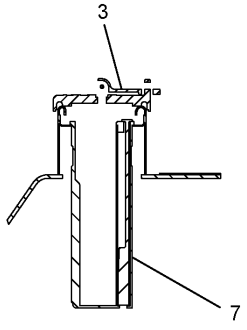
Part of 278-3897-Page85



RIGHT SIDE VIEW



A – A



B – B

H98435E 04

278-3899 TANK GP-FUEL
Part of 278-3897-Page85

FUEL SYSTEM

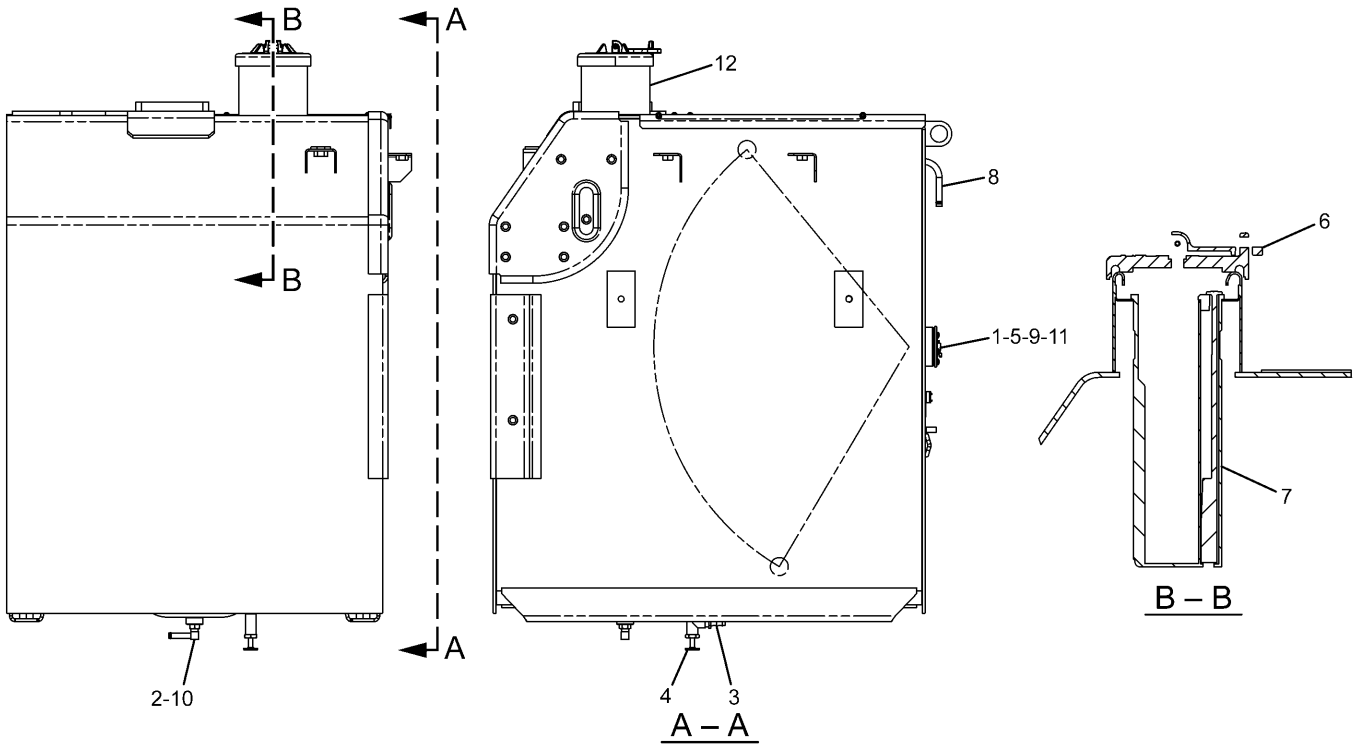
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-0378	1	PACKING					
	2	5P-4924	1	ELBOW					
	3	164-4858	1	CAP					
		190-9775	1	COVER AS					
		9X-8600	1	SEAL-O-RING (ID=110.49mm)					
	4	003-7764	1	END					
	5	128-4411	1	VALVE AS					
	6	163-6700	1	SENSOR					
		186-3735	2	PIN					
		102-8802	1	RECEPTACLE KIT					
	7	303-9933	1	STRAINER AS					
		303-9937	1	GAUGE KIT					
	8	4I-0050	1	PIPE					
	9	095-0736	5	SCREW					
	10	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	11	8T-0328	5	WASHER					
	12	131-7501	1	ADAPTER AS					
		7Y-8737	1	FILLER					
		9X-2206	1	ADAPTER AS					

H98435E 04

278-3899 TANK GP-FUEL

Part of 278-3897-Page85

FUEL SYSTEM



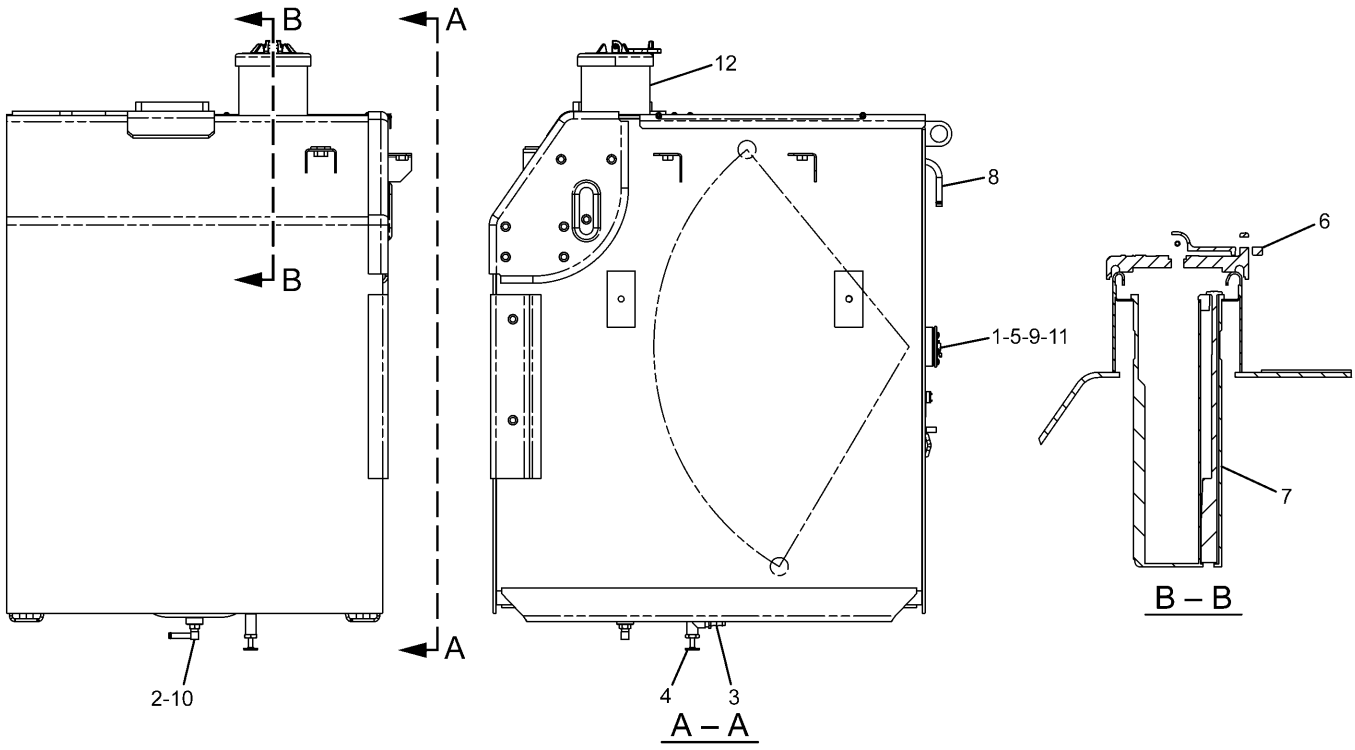
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-0378	1	PACKING					
	2	5P-4924	1	ELBOW					
	3	003-7764	1	END					
	4	128-4411	1	VALVE AS					
	5	163-6700	1	SENSOR					
		8T-8729	2	PIN					
		102-8802	1	RECEPTACLE KIT					
	6	164-4858	1	CAP					
	7	303-9933	1	STRAINER AS					
		303-9937	1	GAUGE KIT					
	8	4I-0050	1	PIPE					
	9	095-0736	5	SCREW					
	10	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	11	8T-0328	5	WASHER					
	12	131-7501	1	ADAPTER AS					
		7Y-8737	1	FILLER					
		9X-2206	1	ADAPTER AS					

HA0828E 00

327-3193 TANK GP-FUEL

Part of 327-3192-Page85
An Attachment

FUEL SYSTEM

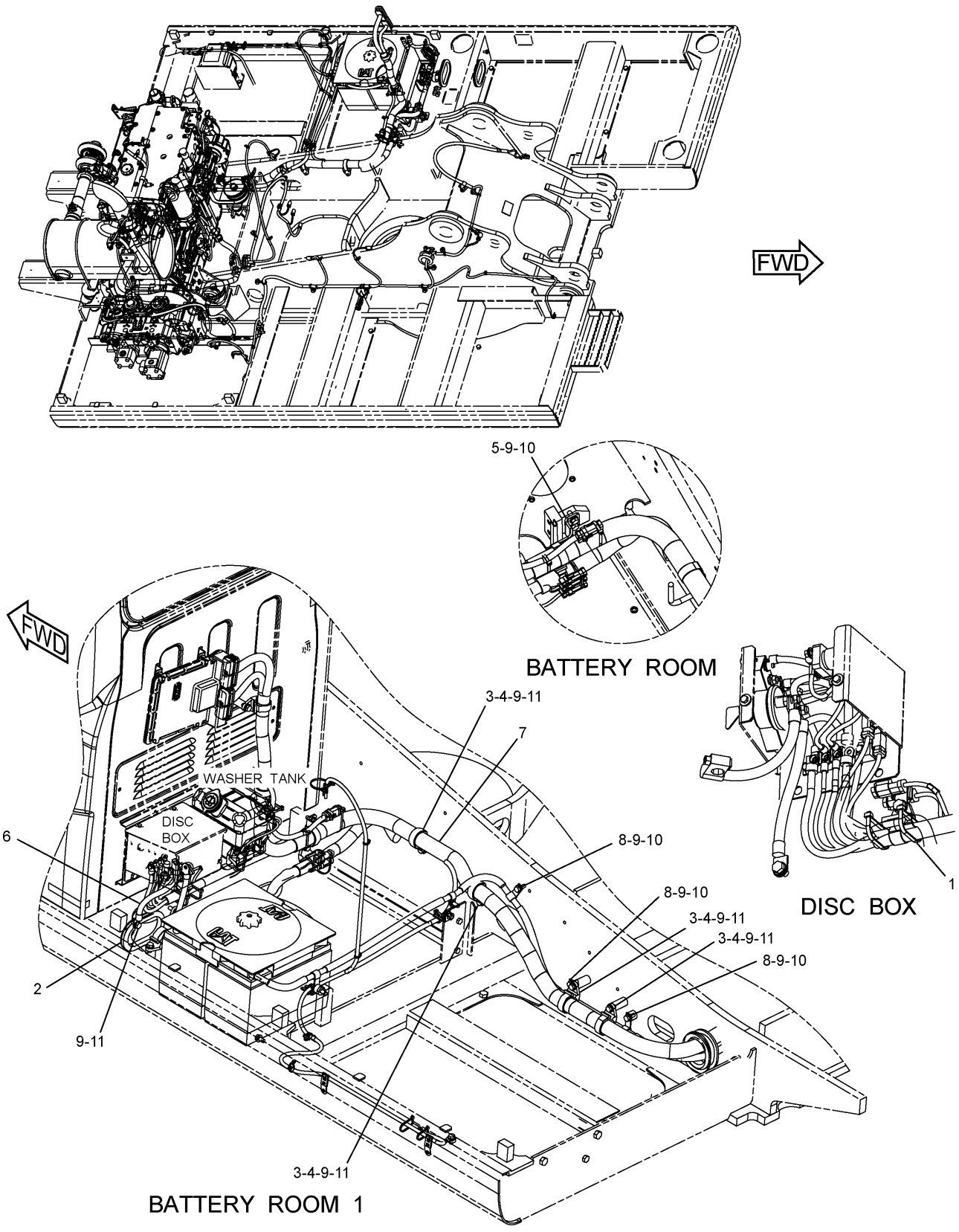


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-0378	1	PACKING					
	2	5P-4924	1	ELBOW					
	3	003-7764	1	END					
	4	128-4411	1	VALVE AS					
	5	163-6700	1	SENSOR					
		8T-8729	2	PIN					
		102-8802	1	RECEPTACLE KIT					
	6	164-4858	1	CAP					
	7	303-9933	1	STRAINER AS					
		303-9937	1	GAUGE KIT					
	8	4I-0050	1	PIPE					
	9	095-0736	5	SCREW					
	10	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	11	8T-0328	5	WASHER					
	12	131-7501	1	ADAPTER AS					
		7Y-8737	1	FILLER					
		9X-2206	1	ADAPTER AS					

HA0829E 00

327-3196 TANK GP-FUEL

Part of 327-3192-Page85
An Attachment



291-7920 BATTERY & WIRING GP (1/5)
306-8453-Page100

ELECTRICAL AND STARTING SYSTEM

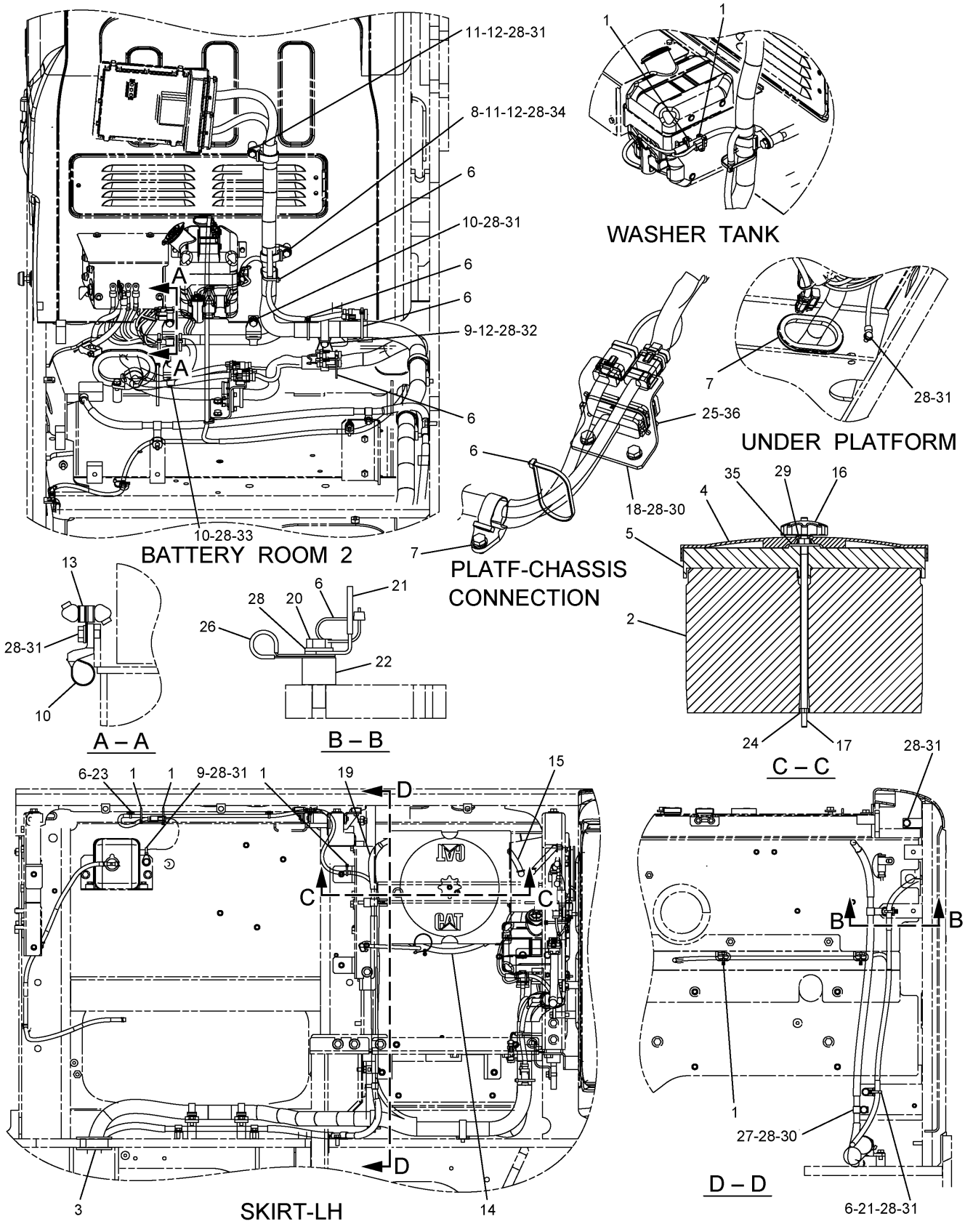
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7K-1181	2	STRAP					
	2	7Y-5456	1	GROMMET					
	3	111-4838	4	CLIP					
	4	111-4839	4	STRAP					
	5	291-7593	1	BRACKET AS					
	6	132-1805	1	STRAP AS					
Y	7	306-8453	1	HARNESS AS					
	8	6K-8178	3	CLIP					
	9	8T-4121	11	WASHER					
	10	8T-4136	5	BOLT (L=25mm)					
	11	8T-4137	5	BOLT (L=20mm)					

Y—SEE SEPARATE ILLUSTRATION

H98486E 03

291-7920 BATTERY & WIRING GP (1/5)
306-8453-Page100

ELECTRICAL AND STARTING SYSTEM



291-7920 BATTERY & WIRING GP (2/5)
291-7591-Page104,170-6929,231-1827-Page105

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	8	STRAP					
	2	3T-5760	2	BATTERY					
	3	306-8401	1	GROMMET					
	4	5I-8270	1	COVER					
	5	6W-6005	1	HOLDDOWN					
	6	7K-1181	9	STRAP					
	7	7Y-5456	1	GROMMET					
	8	6G-2263	2	SPACER					
	9	111-4836	1	CLIP					
	10	111-4837	3	CLIP					
	11	111-4838	5	CLIP					
	12	111-4839	5	STRAP					
	13	116-0118	2	CLIP					
Y	14	170-6929	1	CABLE AS					
Y	15	231-1827	1	CABLE AS					
	16	238-2501	1	KNOB					
	17	238-2528	1	ROD					
	18	251-0467	1	BRACKET AS					
Y	19	291-7591	1	CABLE AS					
	20	8T-4182	1	BOLT (L=45mm)					
	21	132-5789	2	CLIP					
	22	091-9035	1	SPACER					
	23	4P-7581	2	CLIP					
	24	5C-7261	1	NUT					
	25	5C-7883	4	BOLT					
	26	6K-8178	1	CLIP					
	27	4K-8864	1	CLIP					
	28	8T-4121	15	WASHER					
	29	8T-4133	1	NUT					
	30	8T-4136	3	BOLT (L=25mm)					
	31	8T-4137	8	BOLT (L=20mm)					
	32	8T-4196	1	BOLT (L=35mm)					
	33	8T-4195	1	BOLT (L=30mm)					
	34	8T-4185	1	BOLT (L=50mm)					
	35	8T-4226	1	WASHER					
	36	9X-8256	4	WASHER					

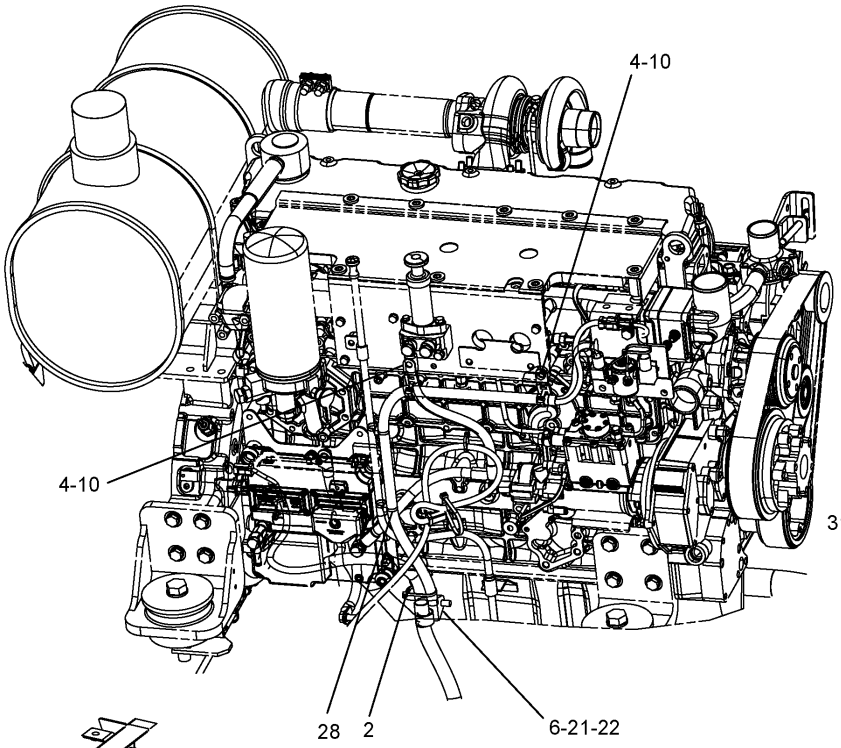
Y—SEE SEPARATE ILLUSTRATION

H98487E 03

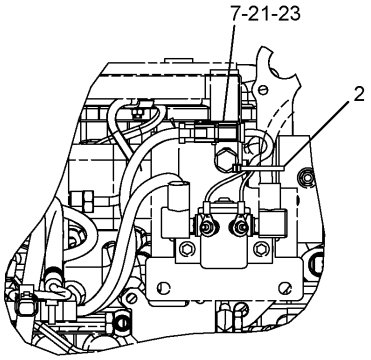
291-7920 BATTERY & WIRING GP (2/5)

291-7591-Page104,170-6929,231-1827-Page105

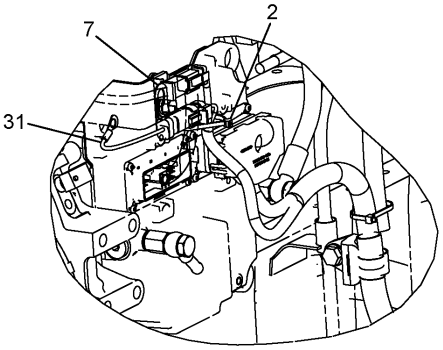
ELECTRICAL AND STARTING SYSTEM



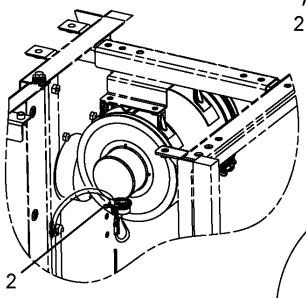
ENGINE-FRONT



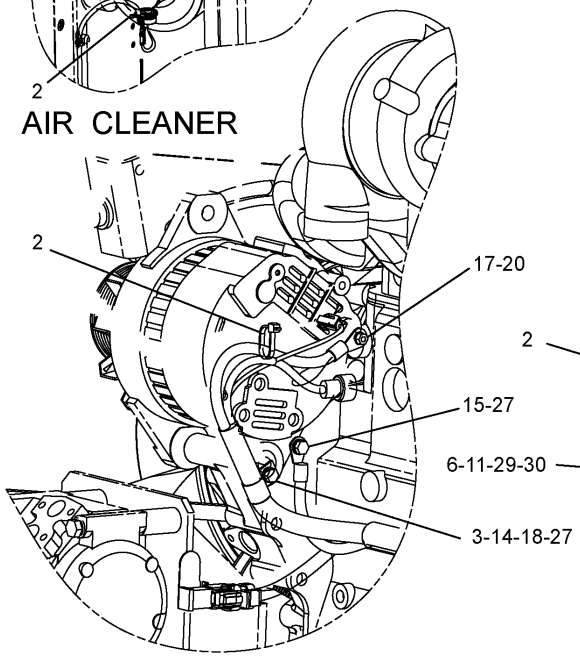
DETAIL OF HEATER RELAY



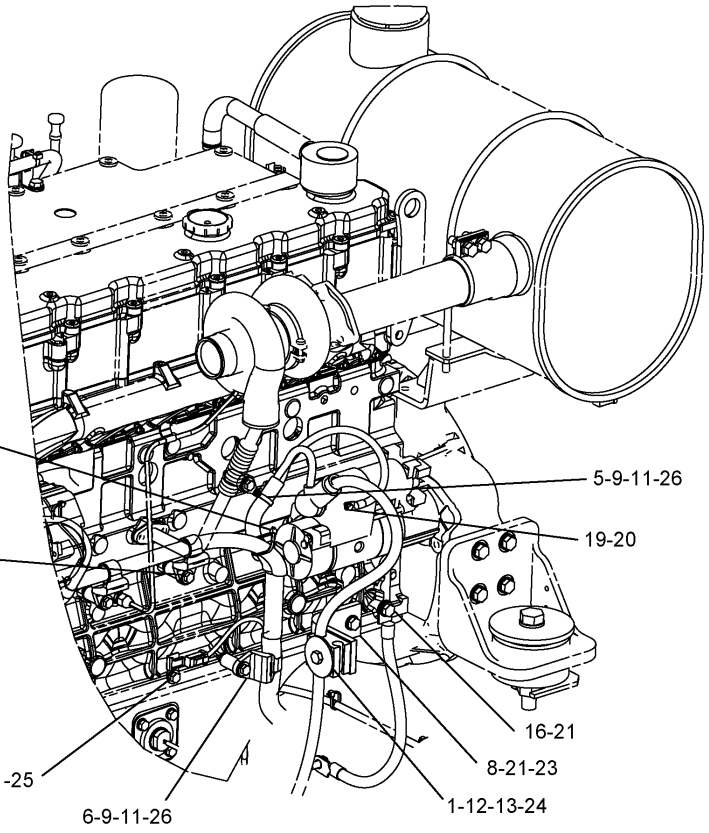
ENGINE CONTROL



AIR CLEANER



DETAIL OF ALTERNATOR



ENGINE-REAR-STARTER

H98488E 03

291-7920 BATTERY & WIRING GP (3/5)

ELECTRICAL AND STARTING SYSTEM

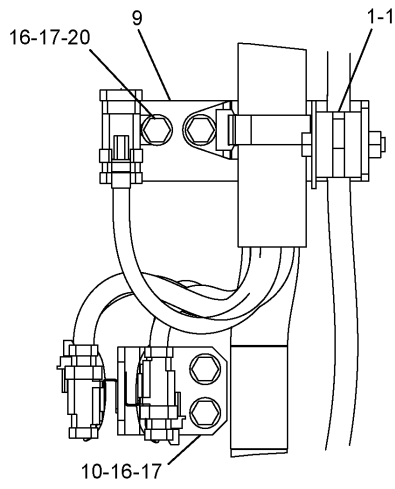
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2G-8767	1	WASHER					
	2	3S-2093	6	STRAP					
	3	5I-9368	1	SPACER					
	4	7K-1181	2	STRAP					
	5	111-4836	1	CLIP					
	6	111-4837	4	CLIP					
	7	116-0118	3	CLIP					
	8	183-1049	1	BRACKET					
	9	085-7329	2	SPACER					
	10	4P-7581	2	CLIP					
	11	5P-4116	5	WASHER					
	12	6G-2256	1	CLAMP					
	13	6G-2263	1	SPACER					
	14	7X-2533	1	BOLT (L=35mm)					
	15	7X-2619	1	BOLT (L=10mm)					
	16	7X-2621	1	BOLT (L=12mm)					
	17	7Y-5226	1	NUT					
	18	8J-1256	1	CLIP					
	19	8T-0286	1	BOLT (L=8mm)					
	20	8T-0328	2	WASHER					
	21	8T-4121	4	WASHER					
	22	8T-4136	1	BOLT (L=25mm)					
	23	8T-4137	2	BOLT (L=20mm)					
	24	8T-4182	1	BOLT (L=45mm)					
	25	8T-4199	1	BOLT (L=12mm)					
	26	8T-6912	2	BOLT (L=50mm)					
	27	9X-8256	2	WASHER					
	28	7I-2673	2	STRAP					
	29	7Y-1924	2	SPACER					
	30	7X-0818	2	BOLT (L=45mm)					
	31	299-2767	1	WIRE AS					
		186-3735	1	PIN					
		8T-8737	1	PLUG					
		2L-8078	1	TERMINAL					
E		125-7874		TUBE···(3cm)					
		243-4505	1	RECEPTACLE AS					

E—ORDER BY THE CENTIMETER

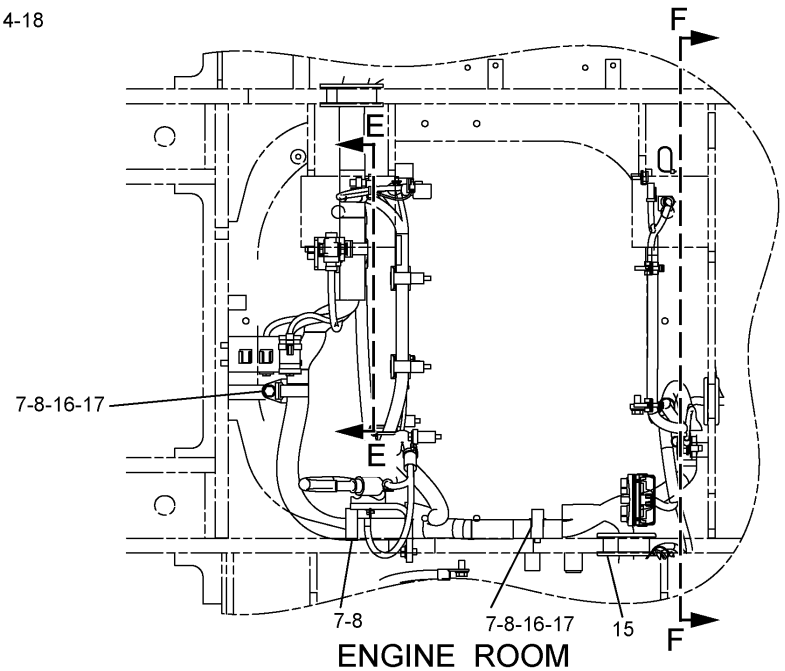
H98488E 03

291-7920 BATTERY & WIRING GP (3/5)

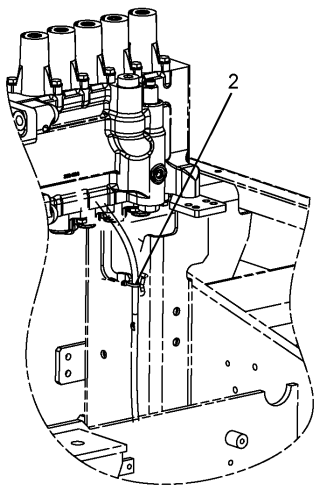
ELECTRICAL AND STARTING SYSTEM



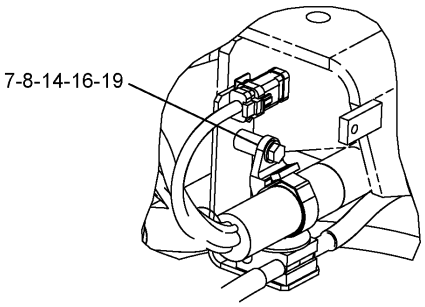
E – E



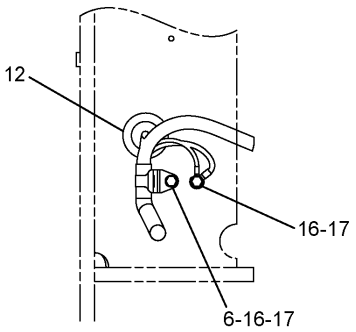
ENGINE ROOM



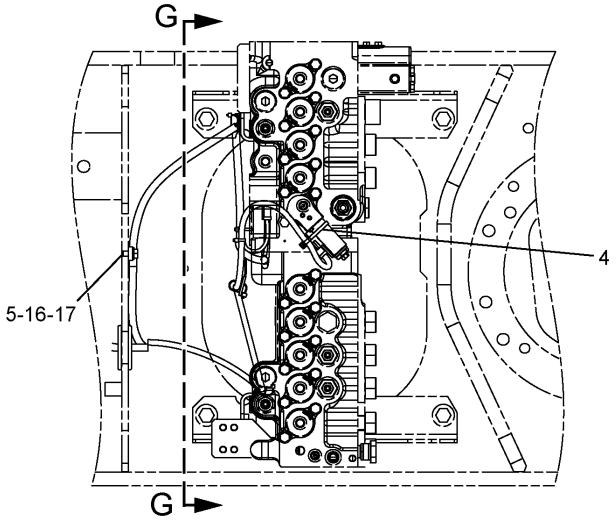
CONTROL VALVE SUPPORT-RH



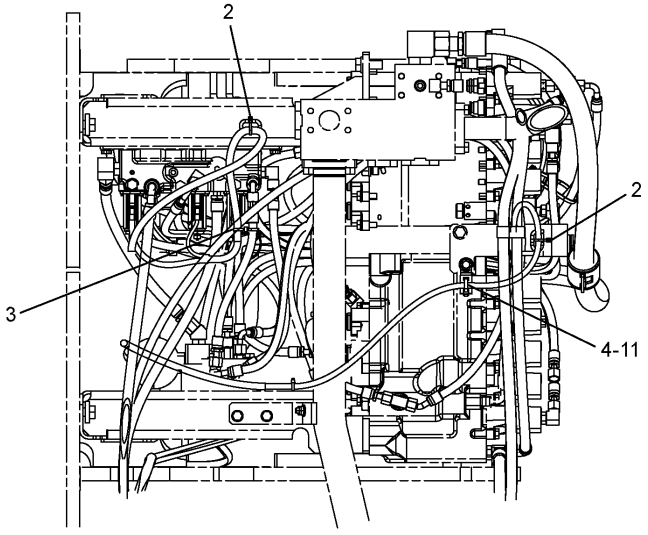
ENGINE ROOM REAR



F – F



CONTROL VALVE ROOM



G – G

H98489E 03

291-7920 BATTERY & WIRING GP (4/5)

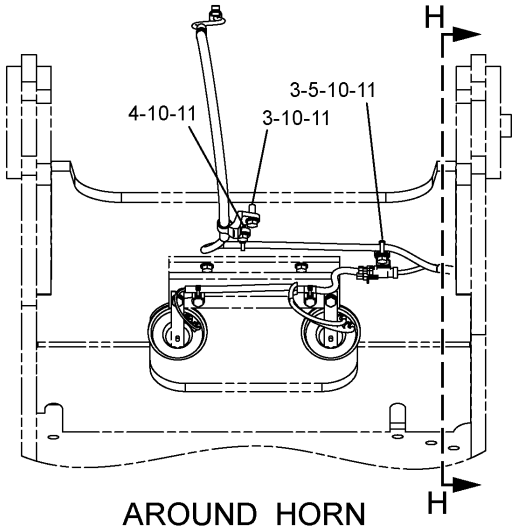
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2G-8767	1	WASHER					
	2	3S-2093	3	STRAP					
	3	7I-2673	1	STRAP					
	4	7K-1181	2	STRAP					
	5	111-4836	1	CLIP					
	6	111-4837	1	CLIP					
	7	111-4838	4	CLIP					
	8	111-4839	4	STRAP					
	9	259-5267	1	BRACKET AS					
	10	259-5317	1	BRACKET AS					
	11	4P-7428	1	CLIP					
	12	5I-3878	1	GROMMET					
	13	6G-2256	1	CLAMP					
	14	6G-2263	1	SPACER					
	15	7Y-8165	1	GROMMET					
	16	8T-4121	9	WASHER					
	17	8T-4137	8	BOLT (L=20mm)					
	18	8T-4185	1	BOLT (L=50mm)					
	19	8T-6466	1	BOLT (L=60mm)					
	20	116-0118	1	CLIP					

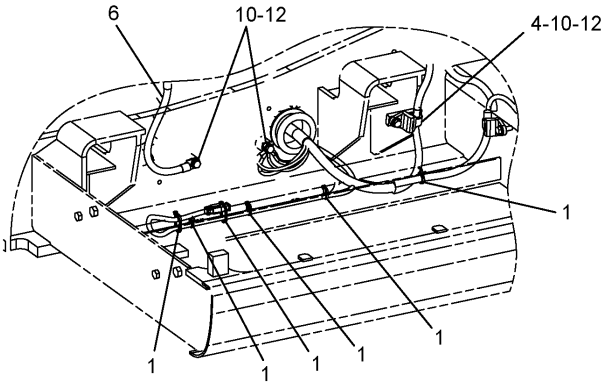
H98489E 03

291-7920 BATTERY & WIRING GP (4/5)

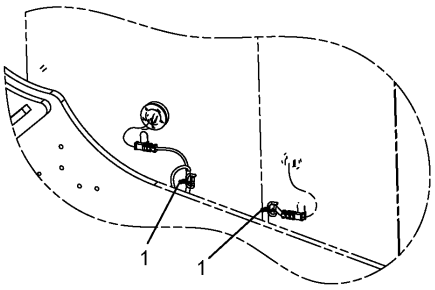
ELECTRICAL AND STARTING SYSTEM



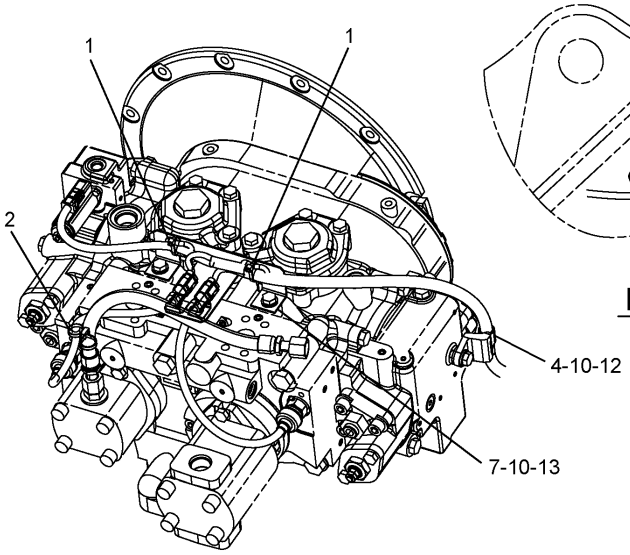
AROUND HORN



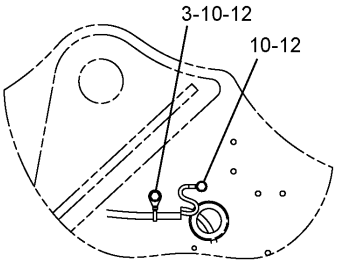
PUMP ROOM



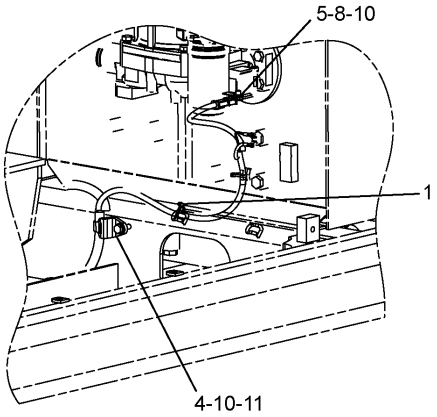
FUEL TANK & HYD TANK



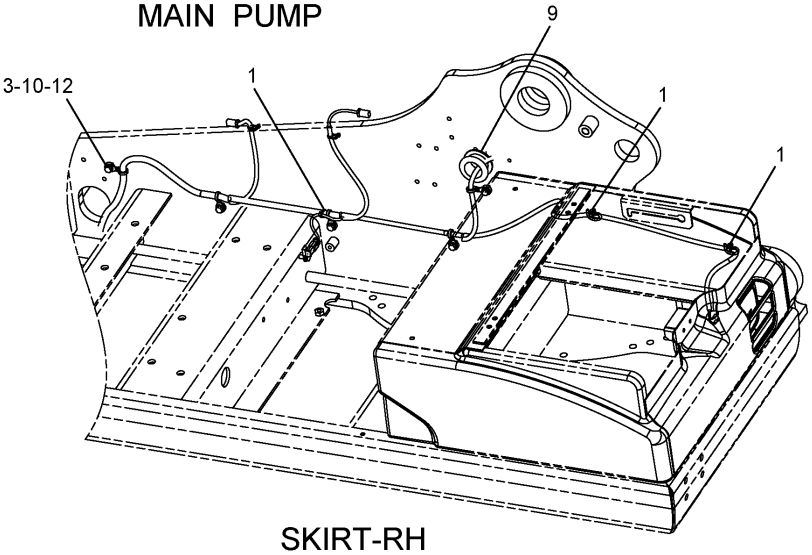
MAIN PUMP



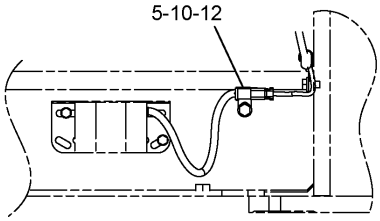
H – H



HYD TANK-REAR



SKIRT-RH



DETAIL OF TRAVEL ALARM

H98490E 03

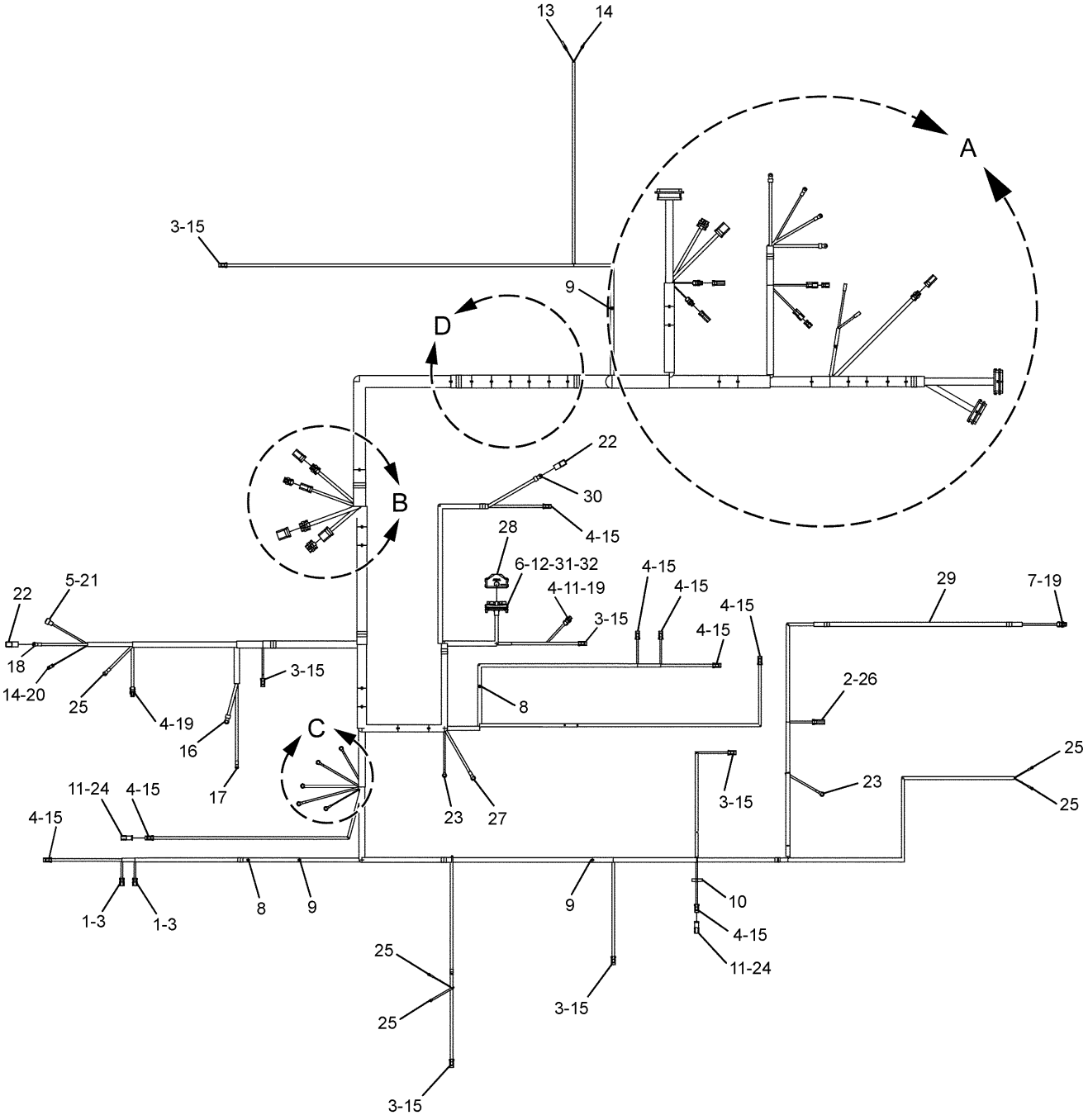
291-7920 BATTERY & WIRING GP (5/5)

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	15	STRAP					
	2	7I-2673	1	STRAP					
	3	111-4836	8	CLIP					
	4	111-4837	4	CLIP					
	5	116-0118	3	CLIP					
	6	132-1806	1	STRAP AS					
	7	170-9336	1	BRACKET AS					
	8	7X-2621	1	BOLT (L=12mm)					
	9	7Y-8167	1	GROMMET					
	10	8T-4121	18	WASHER					
	11	8T-4195	4	BOLT (L=30mm)					
	12	8T-4137	12	BOLT (L=20mm)					
	13	8T-4191	2	BOLT (L=16mm)					

H98490E 03

291-7920 BATTERY & WIRING GP (5/5)



H98501E 01

306-8453 HARNESS AS (1/2)
Part of 291-7920-Page91

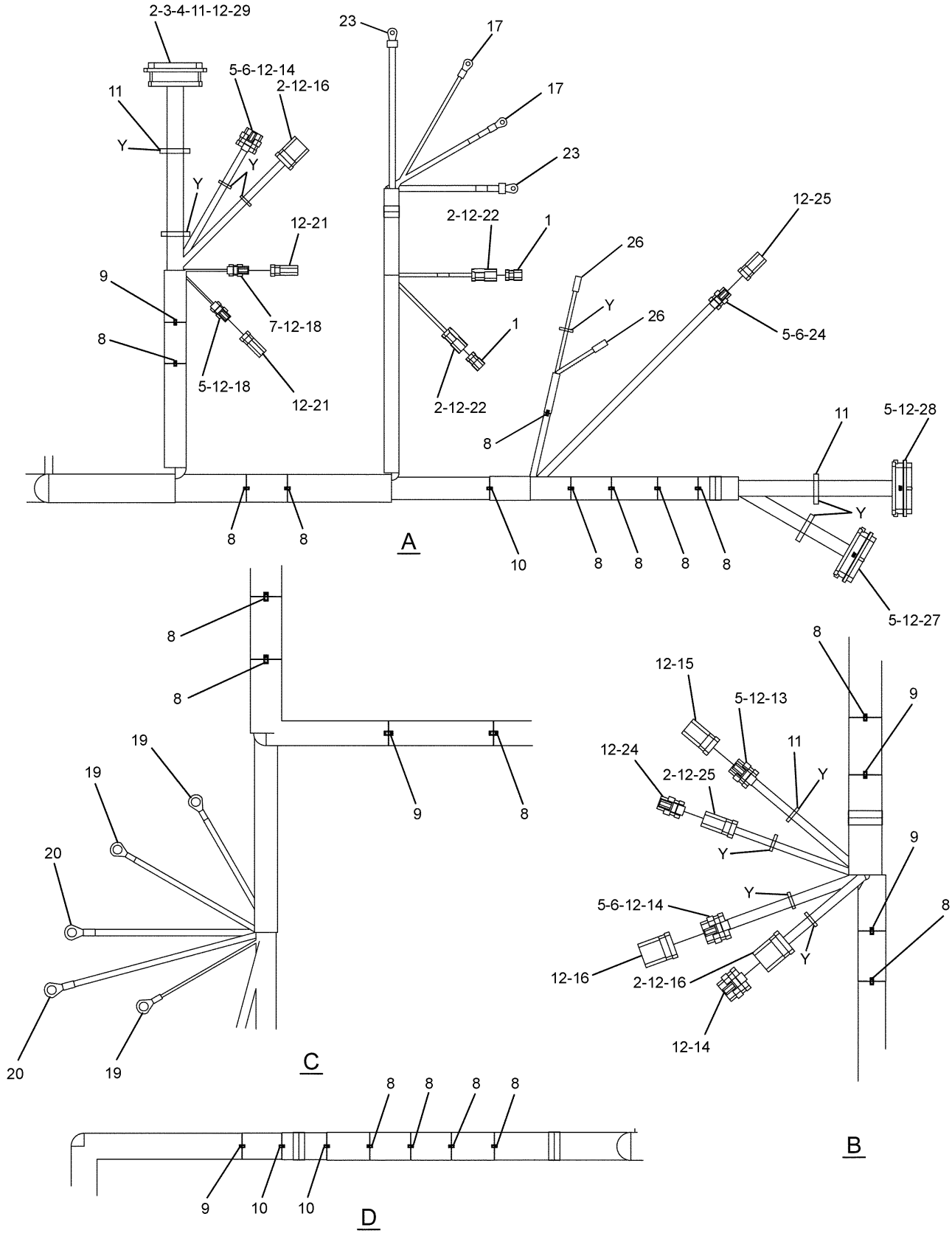
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME
	1	155-2260	2	PLUG KIT
	2	9W-0852	2	PIN
	3	126-1768	20	SOCKET
	4	186-3736	17	SOCKET
	5	7Y-3821	2	SOCKET
	6	266-3317	20	TERMINAL AS
	7	9W-0844	2	SOCKET
E	8	125-7874		TUBE…(5cm × 2)
E	9	125-7875		TUBE…(5cm × 3)
	10	3S-2093	1	STRAP
	11	8T-8737	5	PLUG
	12	245-1048	44	PLUG
	13	7Y-3963	1	TERMINAL
		7Y-3965	1	TUBE
	14	7Y-3962	1	TERMINAL
		7Y-3964	1	TUBE
	15	155-2270	13	PLUG KIT
	16	9G-4336	1	TERMINAL
	17	2L-8049	1	TERMINAL
	18	2L-8050	2	TERMINAL
	19	230-4011	3	PLUG AS
	20	7Y-3995	1	CONNECTOR
	21	7Y-3820	1	HOUSING
	22	8T-8799	2	BOOT
	23	2L-8069	2	TERMINAL
	24	102-8802	2	RECEPTACLE KIT
	25	2L-8075	4	TERMINAL
	26	243-4505	1	RECEPTACLE AS
	27	2L-8052	1	TERMINAL
	28	245-1045	1	ENDBELL
E	29	103-2529		HOSE…(80cm)
	30	5P-3454	1	TERMINAL
	31	245-1042	1	PLUG AS
		268-3317	2	TERMINAL AS
		267-7207	1	BOLT
		267-7208	1	RING
	32	245-1044	2	LOCK

E—ORDER BY THE CENTIMETER

H98501E 01

306-8453 HARNESS AS (1/2)
Part of 291-7920-Page91



306-8453 HARNESS AS (2/2)
Part of 291-7920-Page91

ELECTRICAL AND STARTING SYSTEM

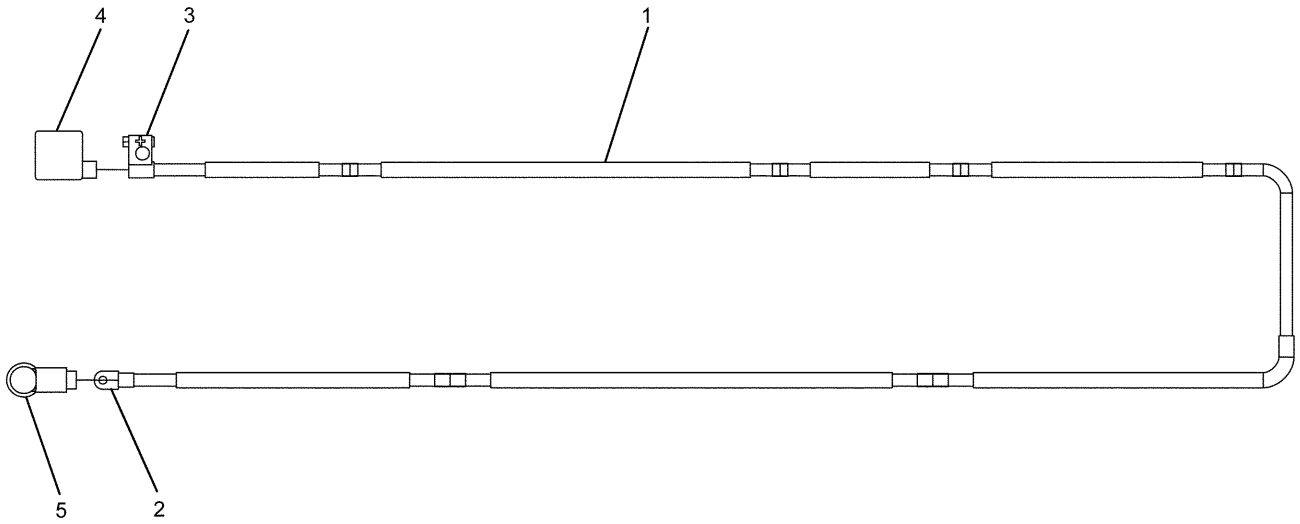
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	174-3016	2	PLUG AS					
	2	9X-3401	49	PIN					
	3	9W-0852	9	PIN					
	4	186-3735	8	PIN					
	5	126-1768	72	SOCKET					
	6	186-3736	11	SOCKET					
	7	9W-0844	2	SOCKET					
E	8	125-7874		TUBE…(5cm × 17)					
E	9	125-7875		TUBE…(5cm × 5)					
E	10	119-3662		TUBE…(6.5cm × 3)					
	11	3S-2093	12	STRAP					
	12	8T-8737	137	PLUG					
	13	231-2295	1	PLUG AS					
	14	230-4009	3	PLUG AS					
	15	243-4509	1	RECEPTACLE AS					
	16	243-4510	3	RECEPTACLE AS					
	17	2L-8050	2	TERMINAL					
	18	230-4011	2	PLUG AS					
	19	2L-8079	3	TERMINAL					
	20	2L-8069	2	TERMINAL					
	21	243-4505	2	RECEPTACLE AS					
	22	102-8803	2	RECEPTACLE KIT					
	23	9G-4343	2	TERMINAL					
	24	230-5010	2	PLUG AS					
	25	243-4508	2	RECEPTACLE AS					
	26	9X-0196	2	TERMINAL AS					
	27	153-2630	1	PLUG AS					
		163-6759	1	SEAL					
	28	153-2620	1	PLUG AS					
		163-6759	1	SEAL					
	29	163-6637	1	RECEPTACLE AS					

E—ORDER BY THE CENTIMETER

H98502E 01

306-8453 HARNESS AS (2/2)

Part of 291-7920-Page91



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
E	1	5P-0761		CABLE…(324cm)					
	2	1S-7252	1	TERMINAL					
	3	8C-5917	1	TERMINAL AS					
	4	9G-0004	1	COVER					
	5	8N-0869	1	COVER					

E—ORDER BY THE CENTIMETER

H95305E 01

291-7591 CABLE AS
Part of 291-7920-Page93

ELECTRICAL AND STARTING SYSTEM

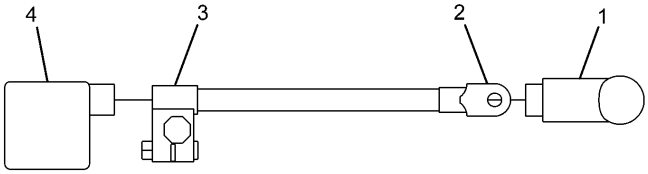


NOTE	No.	PART No.	QTY	PART NAME
	1	9G-0005	1	COVER
	2	8C-5918	1	TERMINAL AS
	3	9G-0002	1	COVER
	4	8T-9756	1	TERMINAL AS

H81970E 01

170-6929 CABLE AS

Part of 291-7920-Page93,299-2783-Page151

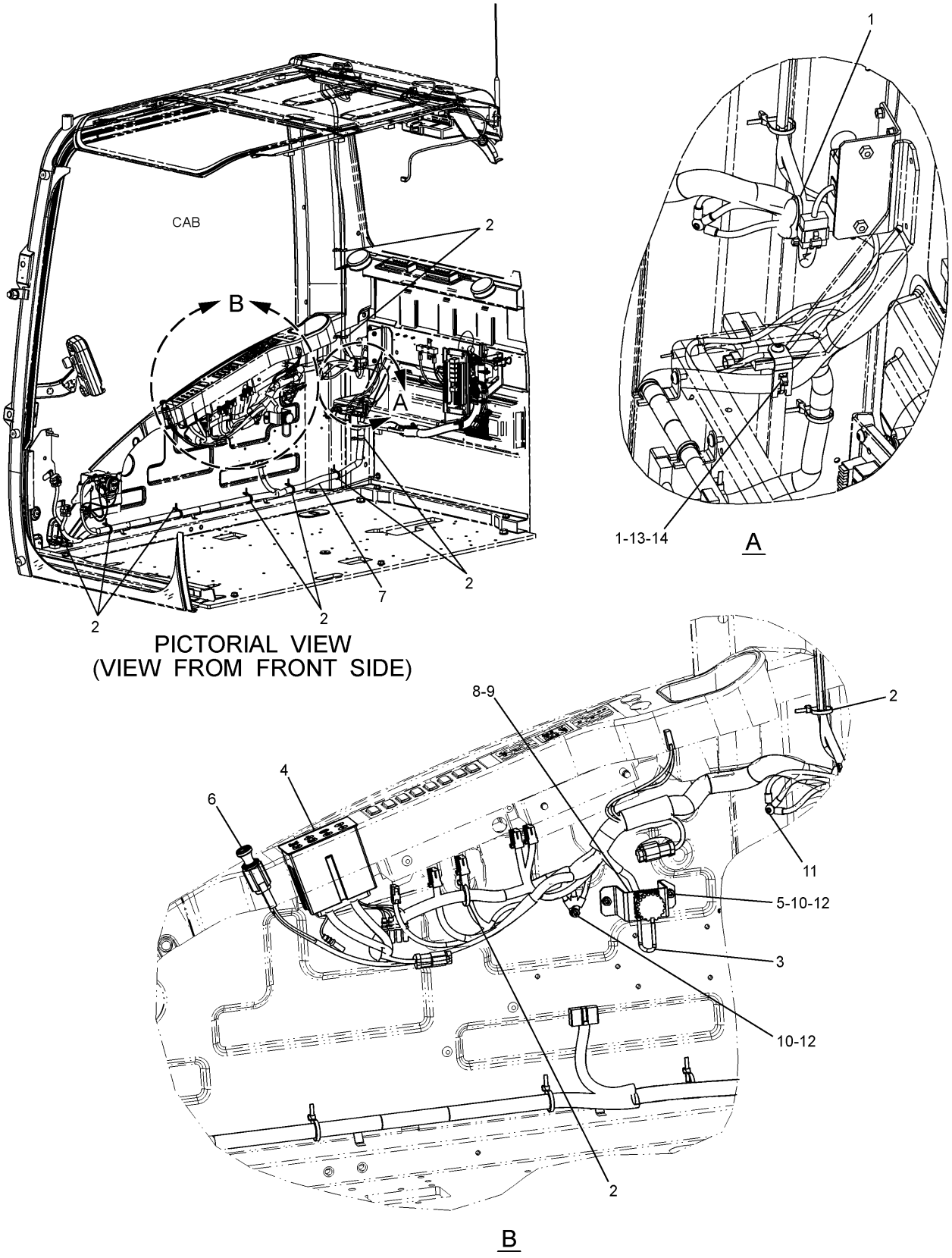


NOTE	No.	PART No.	QTY	PART NAME
	1	9G-8909	1	COVER
	2	1S-7252	1	TERMINAL
	3	8T-9757	1	TERMINAL AS
	4	9G-0003	1	COVER

H89341E 02

231-1827 CABLE AS

Part of 291-7920-Page93



PICTORIAL VIEW
(VIEW FROM FRONT SIDE)

H98512E 01

291-7922 WIRING GP-CAB (1/3)
291-7928-Page112

ELECTRICAL AND STARTING SYSTEM

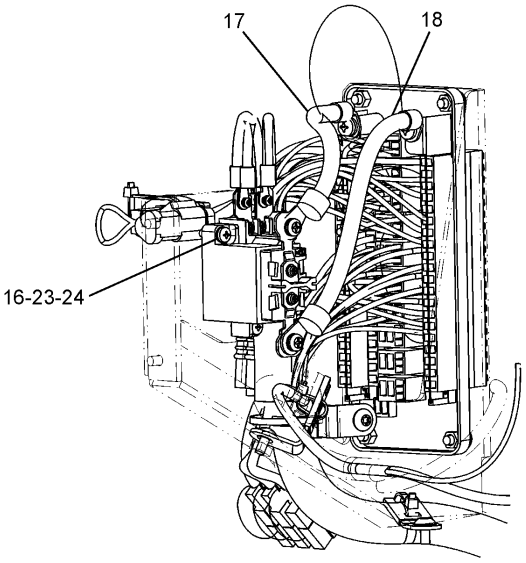
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	2	STRAP					
	2	163-6795	9	STRAP					
	3	167-3593	1	STRAP					
	4	227-7575	1	PANEL AS					
	5	234-1097	1	BRACKET					
	6	238-2318	1	LIGHTER AS					
		167-3542	1	CONNECTOR					
		167-3543	4	TERMINAL					
Y	7	291-7928	1	HARNESS AS					
	8	095-0723	3	SCREW					
	9	096-5962	3	WASHER					
	10	5C-2890	3	NUT					
	11	9X-2044	1	SCREW					
	12	9X-8256	3	WASHER					
	13	132-5789	1	CLIP					
	14	9X-2042	1	SCREW					

Y—SEE SEPARATE ILLUSTRATION

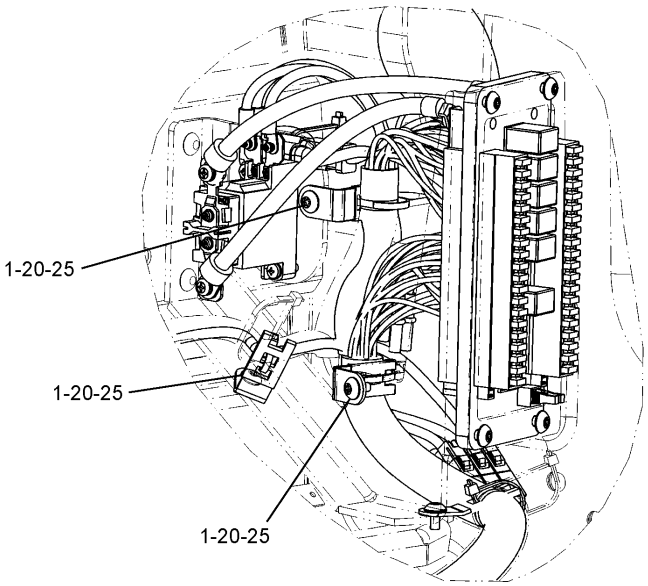
H98512E 01

291-7922 WIRING GP-CAB (1/3)
291-7928-Page112

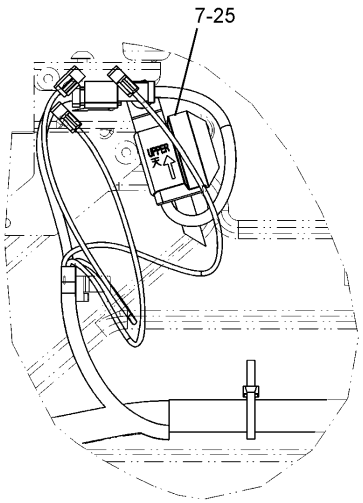
ELECTRICAL AND STARTING SYSTEM



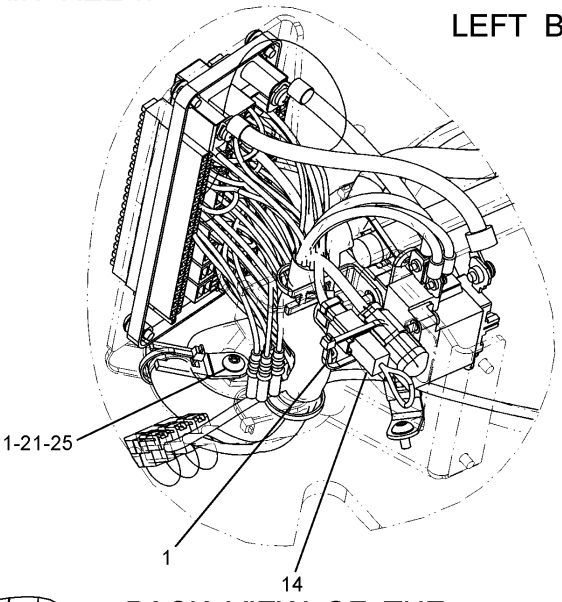
FRONT VIEW OF THE MAIN RELAY



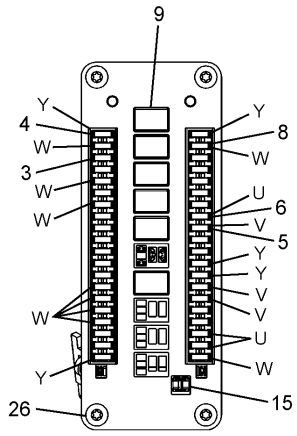
LEFT BACK VIEW



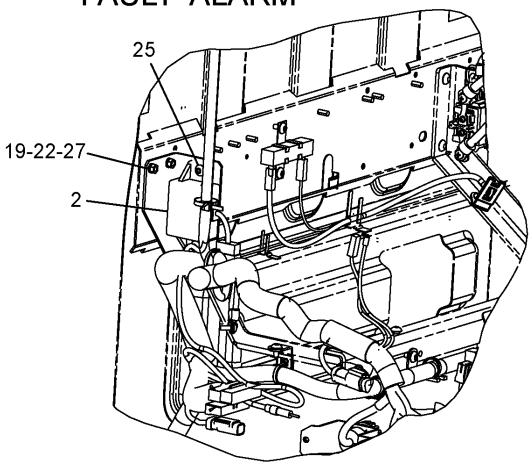
FRONT VIEW OF THE FAULT ALARM



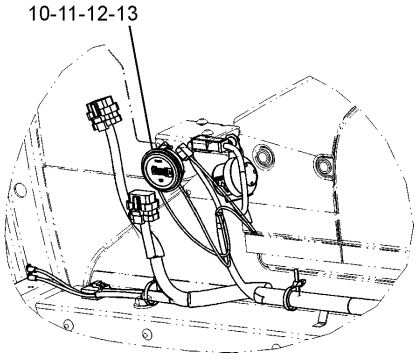
BACK VIEW OF THE FUSE BASE



FRONT VIEW OF THE FUSE BASE



DETAIL OF START CONT RELAY



FRONT RIGHT OF THE CAB

H98513E 01

291-7922 WIRING GP-CAB (2/3)
132-1829-Page118

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	5	STRAP
	2	094-2080	1	RELAY
	3	113-8490	20	FUSE (10A)
	4	113-8491	5	FUSE (15A)
	5	113-8492	3	FUSE(20A)
	6	113-8493	3	FUSE (25A)
Y	7	132-1829	1	ALARM GP
	8	141-2759	9	FUSE (5A)
	9	161-3128	6	RELAY
	10	121-1241	1	METER KIT
	11	5C-8312	2	NUT
	12	9B-7233	2	LOCKWASHER
	13	096-6166	2	WASHER
	14	163-6758	1	WIRE AS
		102-8802	1	RECEPTACLE KIT
		186-3735	2	PIN
	15	170-6888	1	TOOL
	16	213-0772	1	SWITCH AS
	17	238-2390	1	CABLE AS
		9G-4343	2	TERMINAL
	18	238-2391	1	CABLE AS
		9G-4343	2	TERMINAL
	19	259-5290	1	BRACKET AS
	20	132-5789	3	CLIP
	21	4P-7581	1	CLIP
	22	5C-2890	2	NUT
	23	8T-0328	2	WASHER
	24	8T-4127	2	SCREW
	25	9X-2042	7	SCREW
	26	9X-2044	4	SCREW
	27	9X-8256	2	WASHER

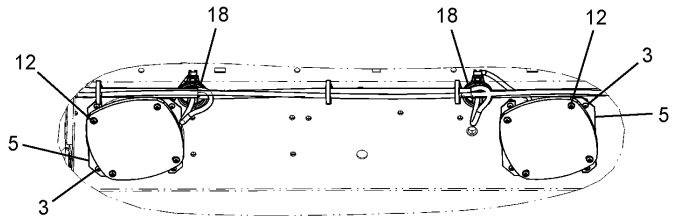
NOTE	No.	PART No.	QTY	PART NAME

Y—SEE SEPARATE ILLUSTRATION

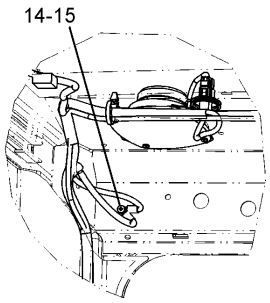
H98513E 01

291-7922 WIRING GP-CAB (2/3)
132-1829-Page118

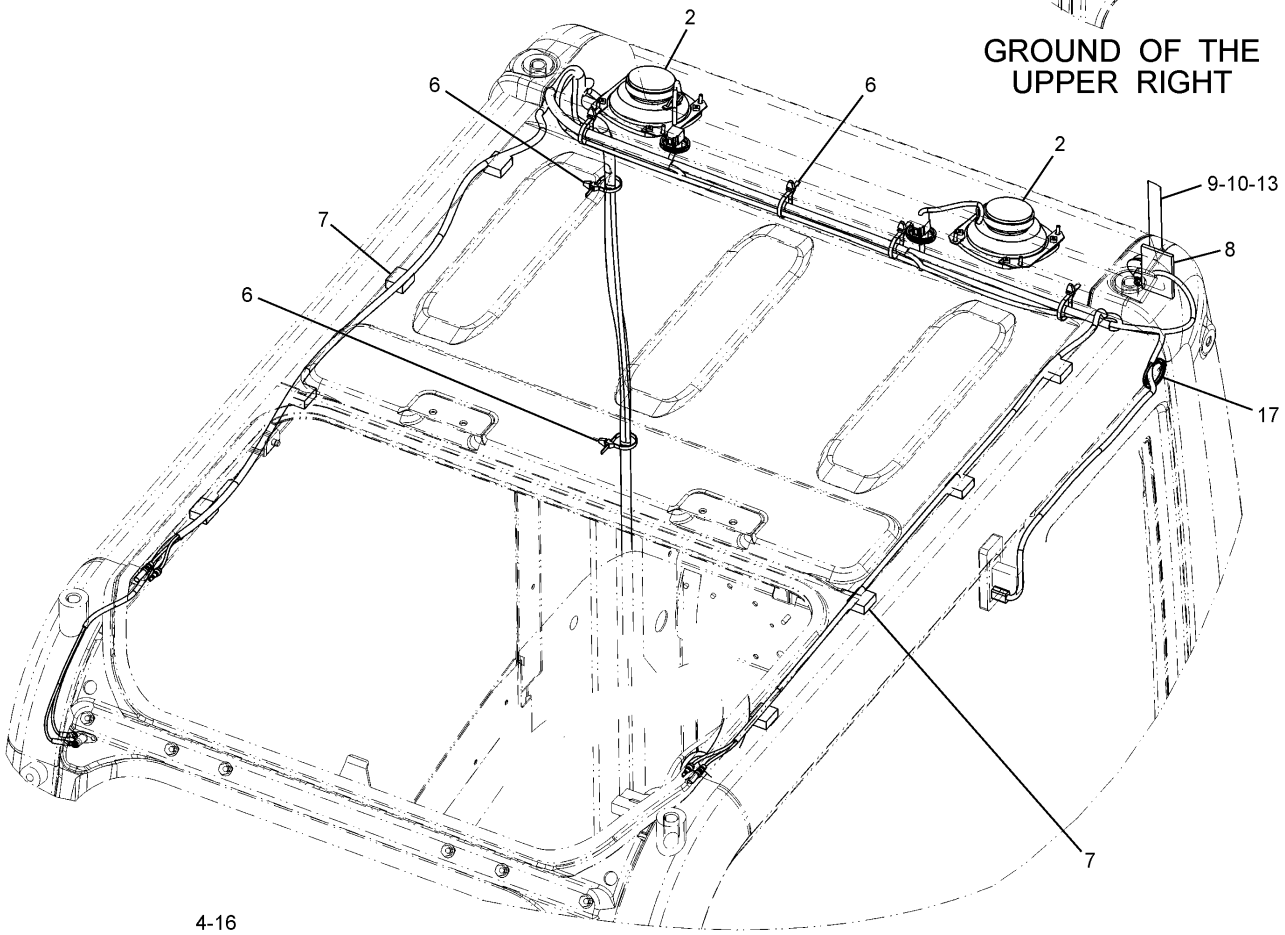
ELECTRICAL AND STARTING SYSTEM



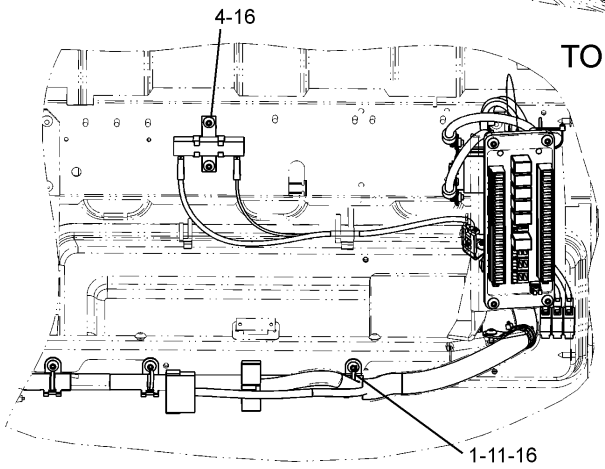
FRONT VIEW OF THE SPEAKER



GROUND OF THE UPPER RIGHT



TOP VIEW OF THE CAB



REAR VIEW OF THE INSIDE CAB

H98514E 01

291-7922 WIRING GP-CAB (3/3)

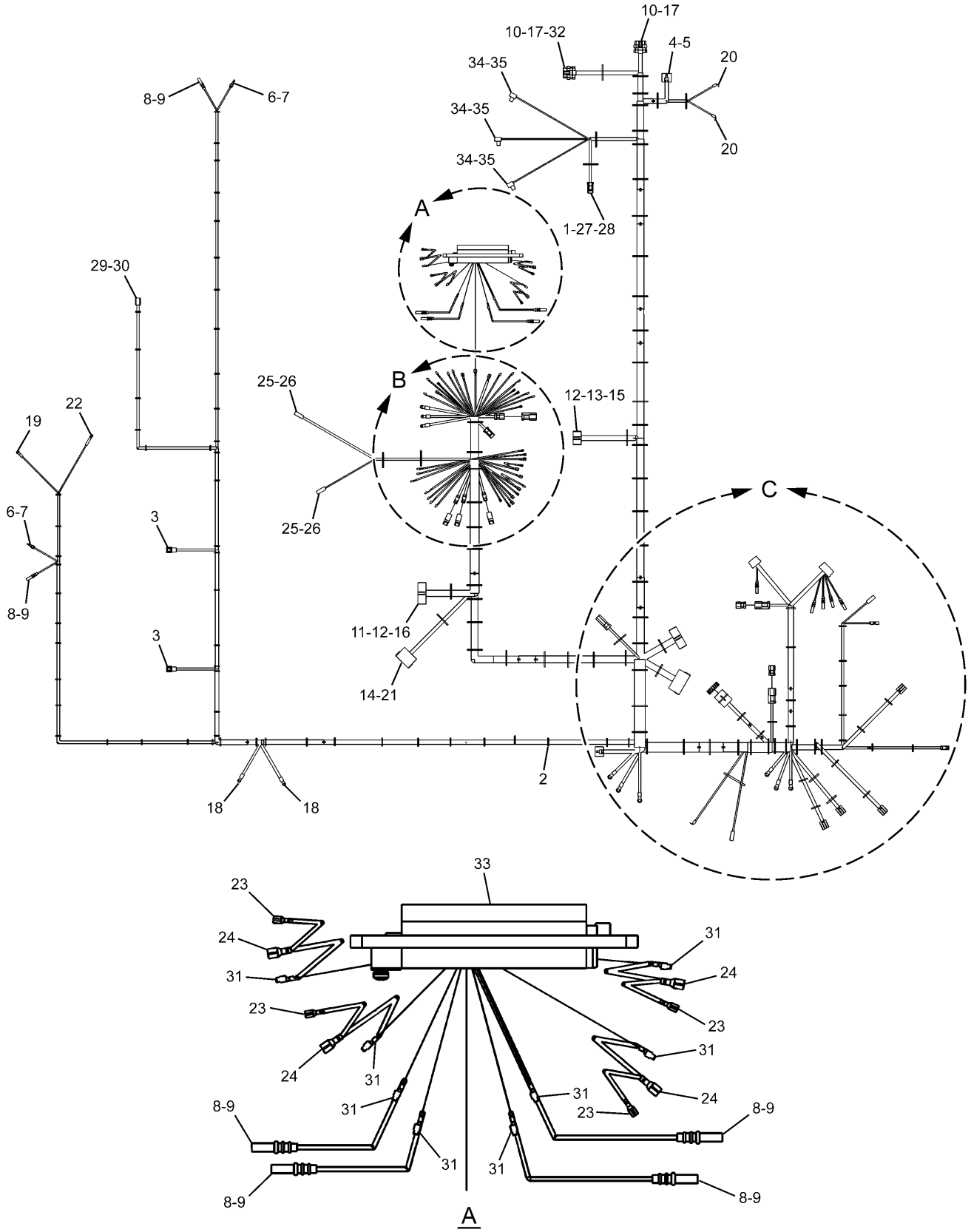
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	3	STRAP					
	2	7Y-5505	2	SPEAKER AS					
		7Y-3951	2	TERMINAL					
		7Y-3954	1	CONNECTOR					
	3	099-7127	8	SCREW					
	4	102-8016	1	RESISTOR AS					
	5	116-0210	4	BRACKET AS					
	6	163-6795	6	STRAP					
	7	245-7760	8	INSULATION					
	8	251-0637	1	INSULATION					
	9	259-4883	1	ANTENNA AS					
		259-5081	1	ROD					
		259-5082	1	CABLE AS					
	10	096-6166	2	WASHER					
	11	132-5789	3	CLIP					
	12	6V-5210	8	SCREW					
	13	6V-9672	2	SCREW					
	14	8T-0328	1	WASHER					
	15	8T-6693	1	SCREW					
	16	9X-2042	5	SCREW					
E	17	101-2846		GUARD…(9.5cm)					
E	18	101-2846		GUARD…(9cm X 2)					

E—ORDER BY THE CENTIMETER

H98514E 01

291-7922 WIRING GP-CAB (3/3)



H95510E 00

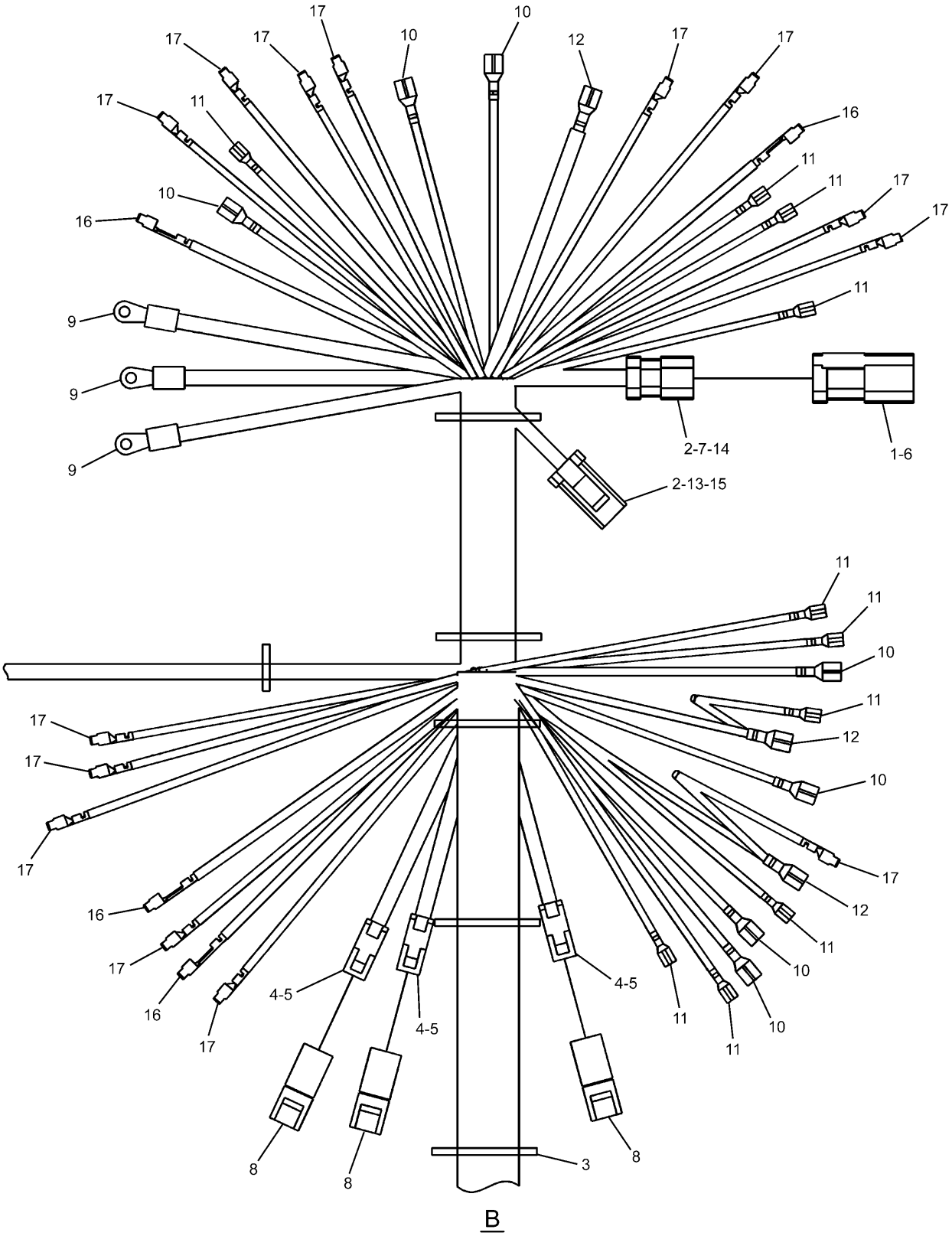
291-7928 HARNESS AS (1/3)
Part of 291-7922-Page107

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	186-3736	2	SOCKET					
	2	3S-2093	46	STRAP					
	3	7Y-3950	4	TERMINAL					
	4	7Y-3951	5	TERMINAL					
	5	7Y-3958	1	CONNECTOR					
	6	7Y-3962	2	TERMINAL					
	7	7Y-3964	2	TUBE					
	8	7Y-3963	6	TERMINAL					
	9	7Y-3965	6	TUBE					
	10	8T-8737	9	PLUG					
	11	102-7964	1	CONNECTOR					
	12	102-7965	29	TERMINAL					
	13	111-4816	1	CONNECTOR					
	14	121-1173	6	TERMINAL					
	15	125-4840	1	WEDGE					
	16	125-4841	1	WEDGE					
	17	126-1768	15	SOCKET					
	18	2L-8066	2	TERMINAL					
	19	2L-8075	1	TERMINAL					
	20	2L-8076	2	TERMINAL					
	21	128-8950	1	CONNECTOR					
	22	5P-2321	1	TERMINAL					
	23	149-5070	4	TERMINAL					
	24	149-5071	4	TERMINAL					
	25	153-2602	2	CONNECTOR					
	26	153-2631	2	TERMINAL					
	27	155-2261	1	WEDGE					
	28	155-2270	1	PLUG KIT					
	29	167-3630	1	CONNECTOR					
	30	167-3631	2	TERMINAL					
	31	170-6891	8	TERMINAL					
	32	230-4009	1	PLUG AS					
	33	238-2319	1	BASE AS					
	34	267-7629	3	CONNECTOR					
	35	267-7630	3	TERMINAL					

H95510E 00

291-7928 HARNESS AS (1/3)
Part of 291-7922-Page107



H95511E 00

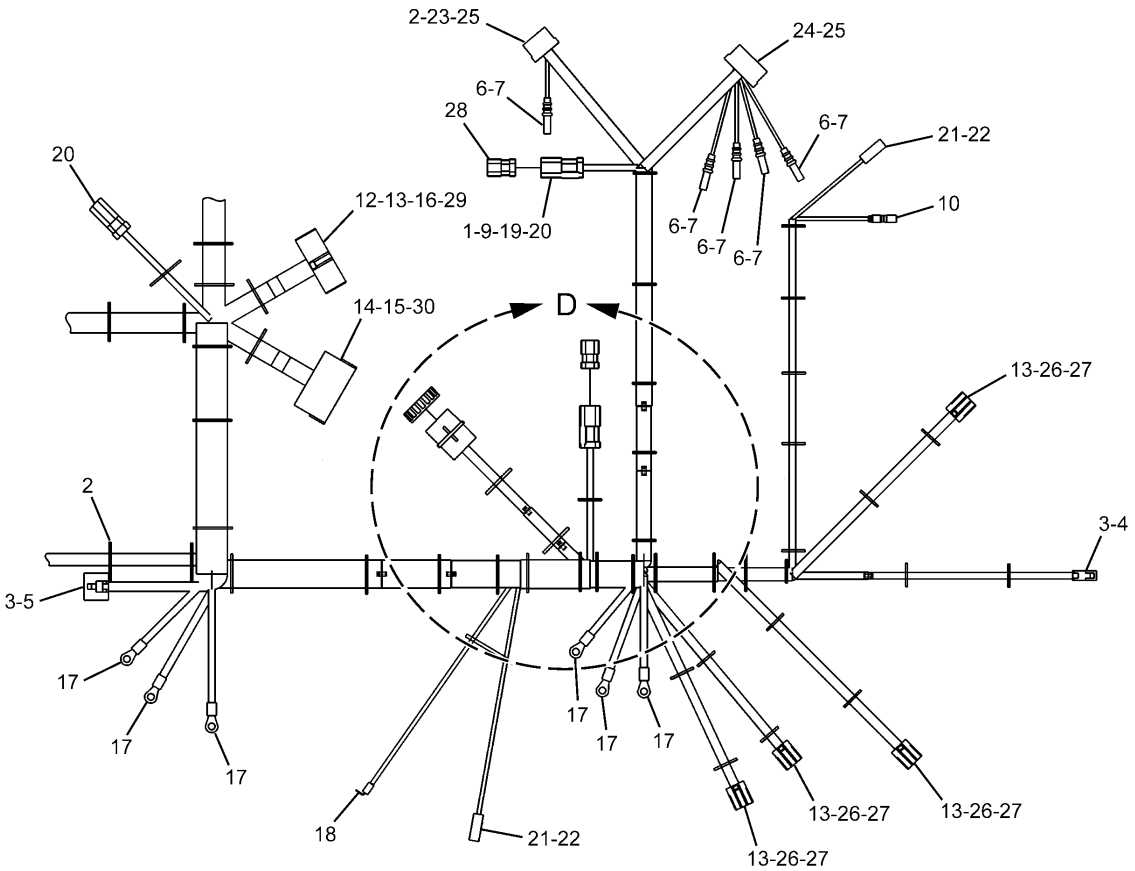
291-7928 HARNESS AS (2/3)
Part of 291-7922-Page107

ELECTRICAL AND STARTING SYSTEM

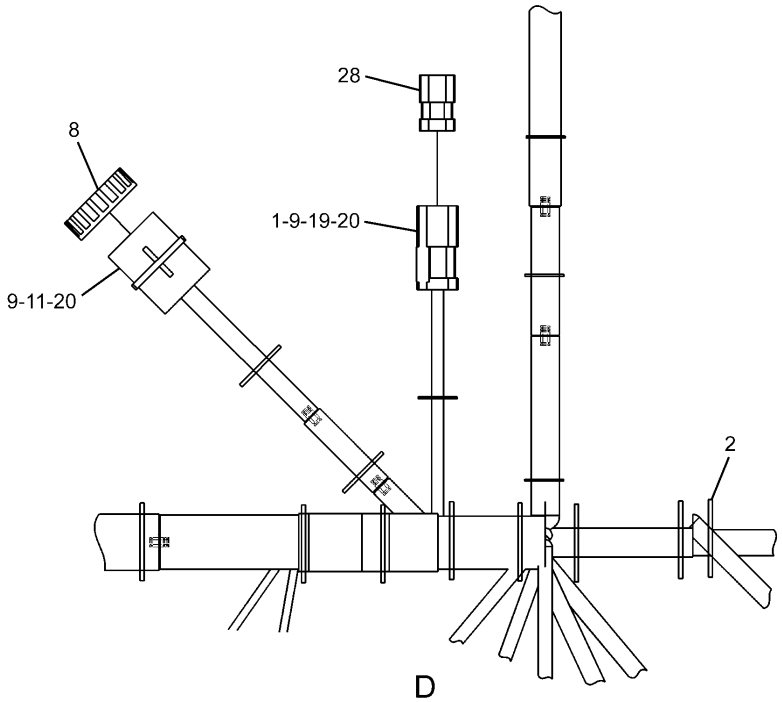
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	102-8803	1	RECEPTACLE KIT					
	2	186-3736	3	SOCKET					
	3	3S-2093	6	STRAP					
	4	7Y-3951	6	TERMINAL					
	5	7Y-3952	3	CONNECTOR					
	6	8T-8737	3	PLUG					
	7	9W-0844	2	SOCKET					
	8	121-1022	3	DIODE					
	9	2L-8065	3	TERMINAL					
	10	149-5069	7	TERMINAL					
	11	149-5070	10	TERMINAL					
	12	149-5071	3	TERMINAL					
	13	155-2261	1	WEDGE					
	14	155-2260	1	PLUG KIT					
	15	155-2270	1	PLUG KIT					
	16	170-6890	4	TERMINAL					
	17	170-6891	14	TERMINAL					

H95511E 00

291-7928 HARNESS AS (2/3)
Part of 291-7922-Page107



C



D

H95512E 00

291-7928 HARNESS AS (3/3)
Part of 291-7922-Page107

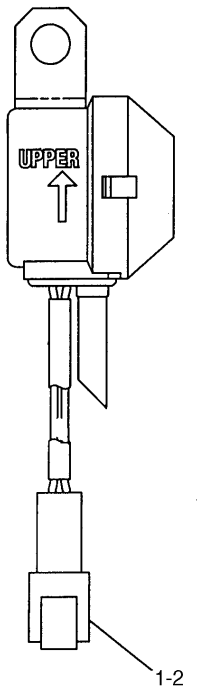
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	102-8803	2	RECEPTACLE KIT					
	2	3S-2093	53	STRAP					
	3	7Y-3951	7	TERMINAL					
	4	7Y-3952	1	CONNECTOR					
	5	7Y-3958	1	CONNECTOR					
	6	7Y-3963	5	TERMINAL					
	7	7Y-3965	5	TUBE					
	8	8C-6354	1	CAP					
	9	8T-8737	5	PLUG					
	10	5P-6271	1	CONNECTOR AS					
	11	9W-1951	1	RECEPTACLE					
	12	102-7964	1	CONNECTOR					
	13	102-7965	29	TERMINAL					
	14	121-1168	1	CONNECTOR					
	15	121-1173	7	TERMINAL					
	16	125-4841	1	WEDGE					
	17	2L-8067	6	TERMINAL					
	18	2L-8075	1	TERMINAL					
	19	133-0975	2	WEDGE					
	20	9X-3401	12	PIN					
	21	153-2602	2	CONNECTOR					
	22	153-2631	2	TERMINAL					
	23	163-6659	1	CONNECTOR					
	24	163-6699	1	CONNECTOR					
	25	163-6790	20	TERMINAL					
	26	163-6803	4	CONNECTOR					
	27	167-3487	4	WEDGE					
	28	174-3016	2	PLUG AS					
	29	238-2363	5	TERMINAL					
	30	238-2366	10	TERMINAL					

H95512E 00

291-7928 HARNESS AS (3/3)
Part of 291-7922-Page107

ELECTRICAL AND STARTING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME
	1	102-8802	1	RECEPTACLE KIT
	2	8T-8729	2	PIN

H84265E 01

132-1829 ALARM GP

Part of 291-7922-Page109

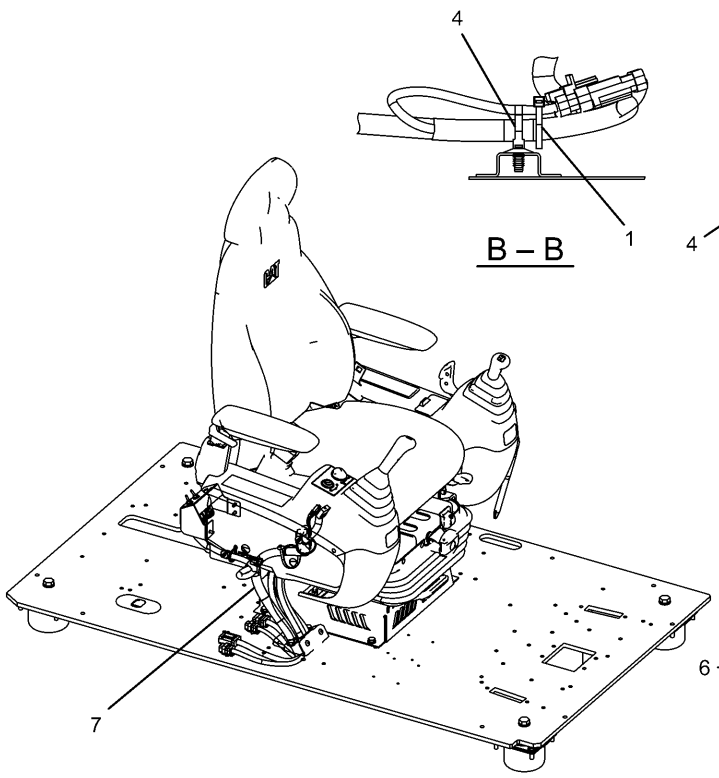
ELECTRICAL AND STARTING SYSTEM

Consists of :

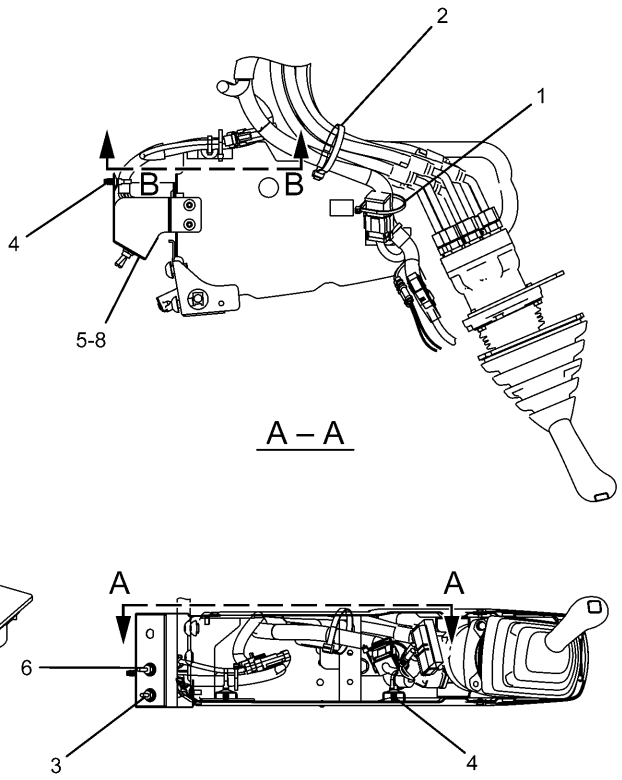
			Page
1	291-7924	WIRING GP-CONSOLE.....	124
1	291-7925	WIRING GP-CONSOLE.....	120

H95514E 00

291-7923 WIRING GP-CONSOLE



RH OF CONSOLE



TOP VIEW OF CONSOLE (RH)

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	2	STRAP					
	2	7K-1181	1	STRAP					
	3	163-6711	1	SWITCH AS (BACKUP)					
	4	163-6795	3	STRAP					
	5	251-0602	1	BRACKET					
	6	283-3074	1	SWITCH AS (BACKUP)					
Y	7	291-7930	1	HARNESS AS					
	8	9X-2042	3	SCREW					

Y—SEE SEPARATE ILLUSTRATION

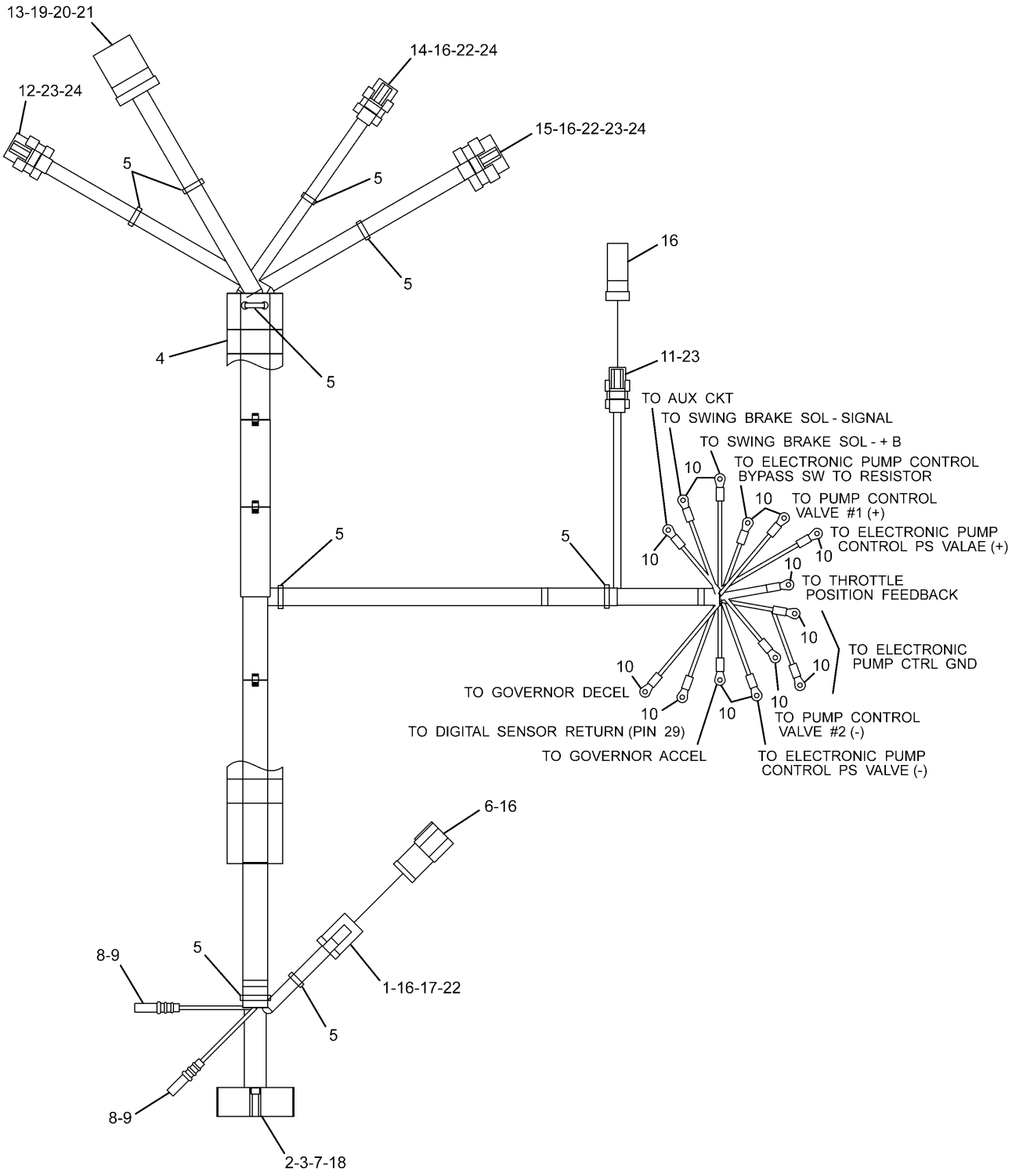
H95474E 00

291-7925 WIRING GP-CONSOLE

Right Hand

Part of 291-7923-Page119
291-7930-Page122

MEMORANDA



H95476E 00

291-7930 HARNESS AS
Part of 291-7925-Page120

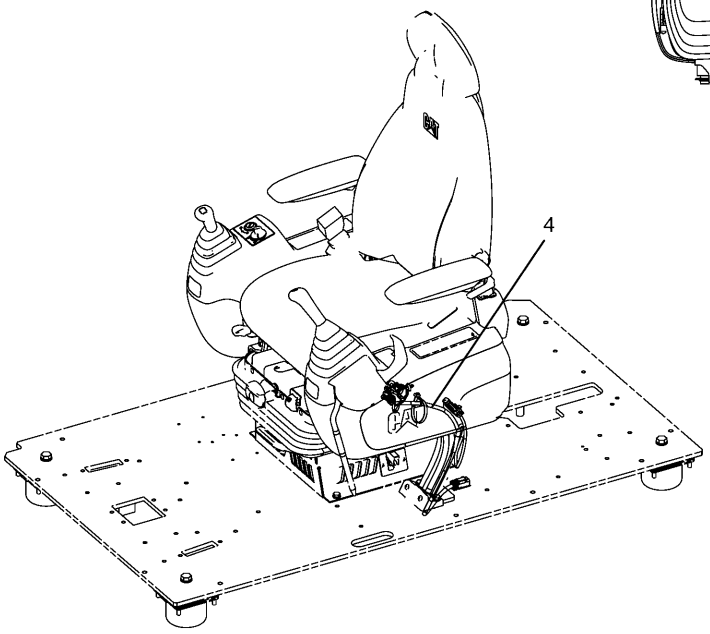
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	155-2265	1	PLUG KIT					
	2	238-2363	7	TERMINAL					
	3	102-7965	14	TERMINAL					
	4	251-0579	1	HOSE					
	5	3S-2093	9	STRAP					
	6	102-8806	1	RECEPTACLE KIT					
	7	102-7964	1	CONNECTOR					
	8	7Y-3963	2	TERMINAL					
	9	7Y-3965	2	TUBE					
	10	2L-8074	14	TERMINAL					
	11	230-4011	1	PLUG AS					
	12	231-2295	1	PLUG AS					
	13	243-4510	1	RECEPTACLE AS					
	14	230-5010	1	PLUG AS					
	15	230-4009	1	PLUG AS					
	16	8T-8737	14	PLUG					
	17	155-2259	1	WEDGE					
	18	125-4841	1	WEDGE					
	19	186-3735	9	PIN					
	20	9X-3401	2	PIN					
	21	9W-0852	1	PIN					
	22	126-1768	16	SOCKET					
	23	186-3736	9	SOCKET					
	24	9W-0844	7	SOCKET					

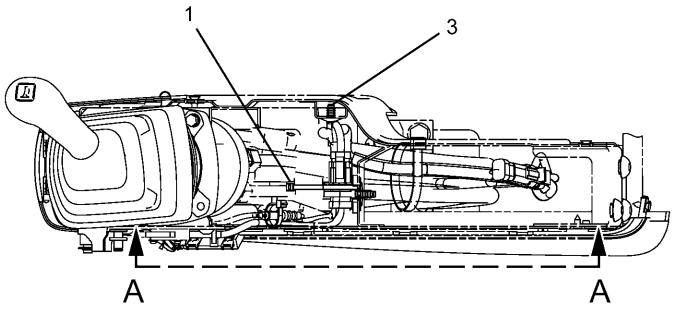
H95476E 00

291-7930 HARNESS AS

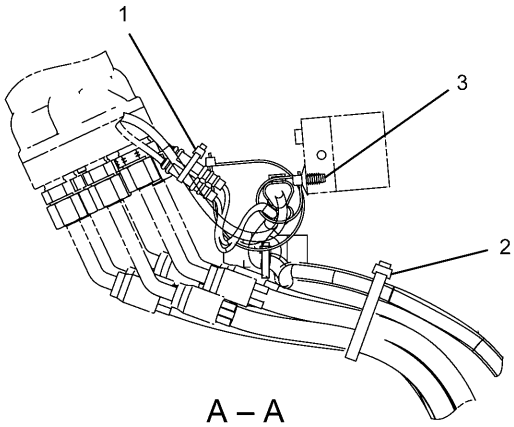
Part of 291-7925-Page120



LH OF CONSOLE



TOP VIEW OF CONSOLE (LH)



A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	2	STRAP					
	2	7K-1181	1	STRAP					
	3	163-6795	2	STRAP					
Y	4	291-7929	1	HARNESS AS					

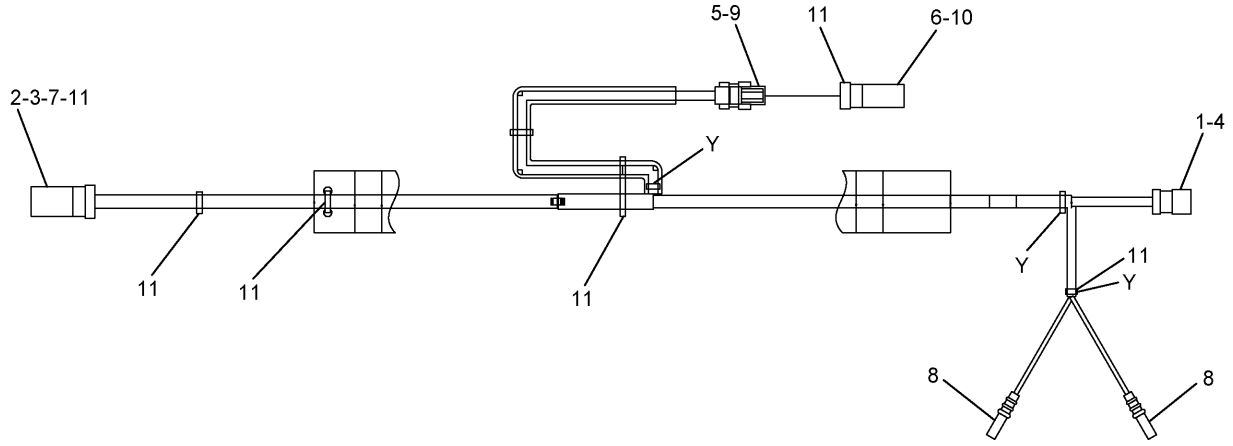
Y—SEE SEPARATE ILLUSTRATION

H95473E 00

291-7924 WIRING GP-CONSOLE

Left Hand

Part of 291-7923-Page119
291-7929-Page125



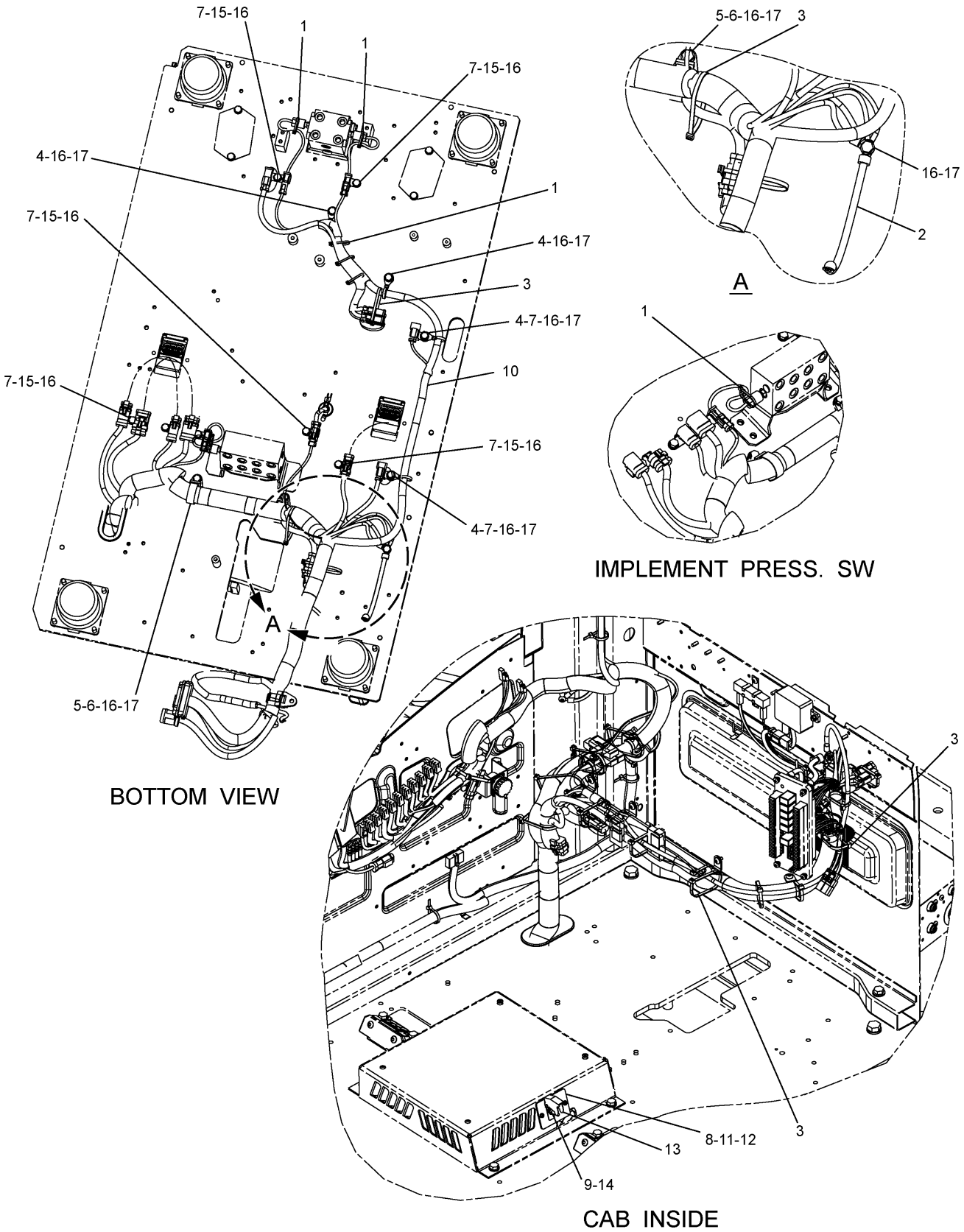
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	155-2260	1	PLUG KIT					
	2	186-3735	4	PIN					
	3	9W-0852	2	PIN					
	4	186-3736	3	SOCKET					
	5	9W-0844	2	SOCKET					
	6	8T-8737	2	PLUG					
	7	243-4508	1	RECEPTACLE AS					
	8	7Y-3963	2	TERMINAL					
		7Y-3965	2	TUBE					
	9	230-4011	1	PLUG AS					
	10	243-4505	1	RECEPTACLE AS					
	11	3S-2093	8	STRAP					

H95469E 00

291-7929 HARNESS AS

Part of 291-7924-Page124

ELECTRICAL AND STARTING SYSTEM



H95508E 00

291-7921 WIRING GP-PLATFORM

291-7927-Page128,251-0299-Page130

ELECTRICAL AND STARTING SYSTEM

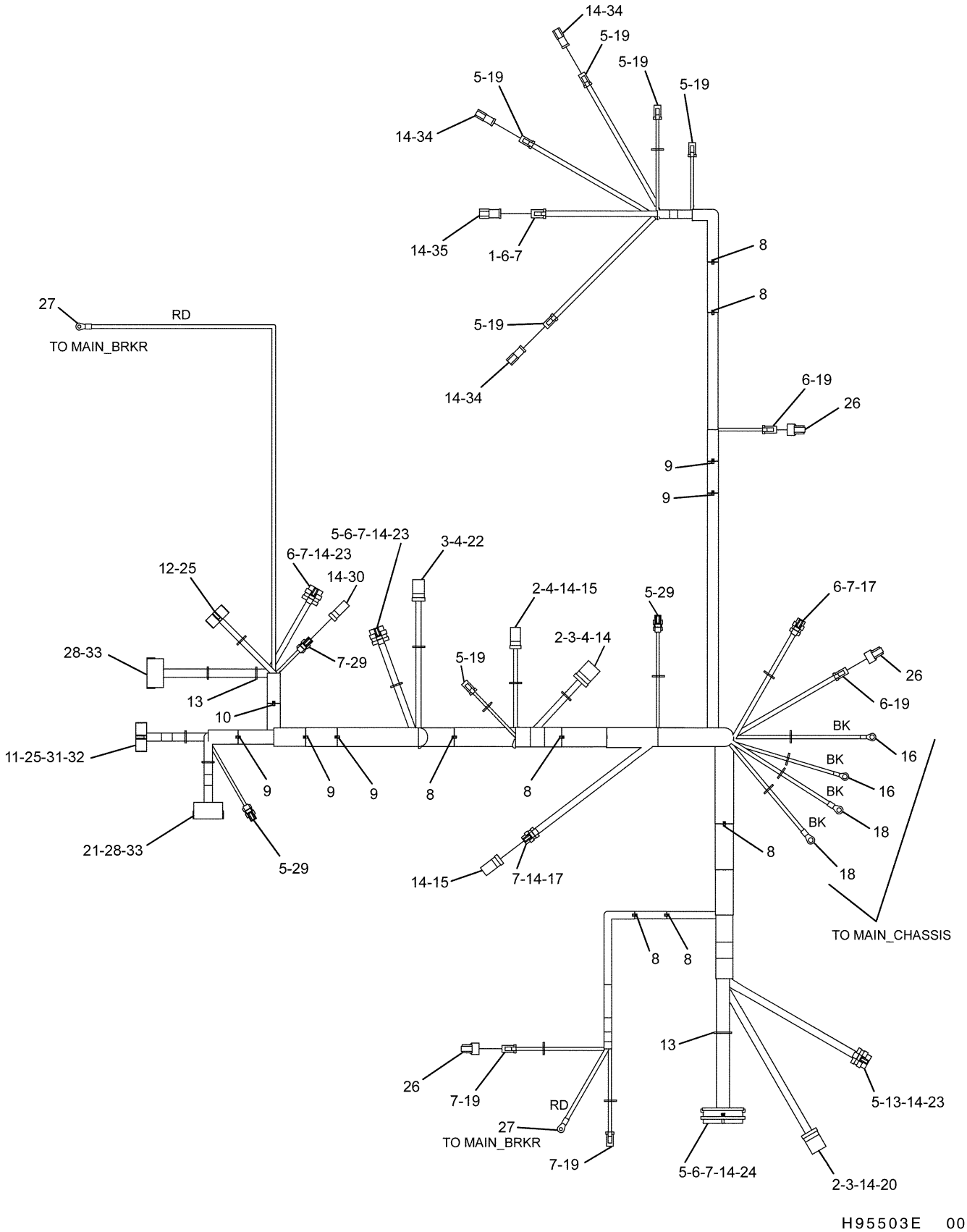
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	6	STRAP					
	2	7G-1060	1	STRAP AS					
	3	7K-1181	13	STRAP					
	4	111-4836	4	CLIP					
	5	111-4838	2	CLIP					
	6	111-4839	2	STRAP					
	7	116-0118	12	CLIP					
	8	234-1122	1	COVER					
Y	9	251-0299	1	HARNESS AS					
Y	10	291-7927	1	HARNESS AS					
	11	095-0728	2	SCREW					
	12	096-6166	2	WASHER					
	13	3E-5169	1	GUARD					
	14	4D-1836	1	SWITCH					
	15	7X-2621	7	BOLT (L=12mm)					
	16	8T-4121	14	WASHER					
	17	8T-4137	7	BOLT (L=20mm)					

Y—SEE SEPARATE ILLUSTRATION

H95508E 00

291-7921 WIRING GP-PLATFORM

291-7927-Page128,251-0299-Page130



291-7927 HARNESS AS
Part of 291-7921-Page127

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	155-2271	1	PLUG KIT					
	2	9X-3401	14	PIN					
	3	186-3735	13	PIN					
	4	9W-0852	6	PIN					
	5	126-1768	48	SOCKET					
	6	186-3736	28	SOCKET					
	7	9W-0844	29	SOCKET					
E	8	125-7875		TUBE…(5cm × 6)					
E	9	125-7874		TUBE…(5cm × 6)					
E	10	119-3662		TUBE…(7cm)					
	11	125-4841	1	WEDGE					
	12	128-8952	1	WEDGE					
	13	3S-2093	20	STRAP					
	14	8T-8737	50	PLUG					
	15	243-4508	2	RECEPTACLE AS					
	16	2L-8069	2	TERMINAL					
	17	230-5010	2	PLUG AS					
	18	2L-8052	2	TERMINAL					
	19	155-2270	10	PLUG KIT					
	20	243-4510	2	RECEPTACLE AS					
	21	238-2366	5	TERMINAL					
	22	243-4509	1	RECEPTACLE AS					
	23	230-4009	3	PLUG AS					
	24	153-2620	1	PLUG AS					
		163-6759	1	SEAL					
	25	102-7965	13	TERMINAL					
	26	197-4385	3	DIODE					
	27	2L-8050	2	TERMINAL					
	28	121-1168	2	CONNECTOR					
	29	230-4011	3	PLUG AS					
	30	243-4505	1	RECEPTACLE AS					
	31	238-2363	10	TERMINAL					
	32	102-7964	1	CONNECTOR					
	33	121-1173	29	TERMINAL					
	34	102-8802	3	RECEPTACLE KIT					
	35	102-8804	1	RECEPTACLE KIT					

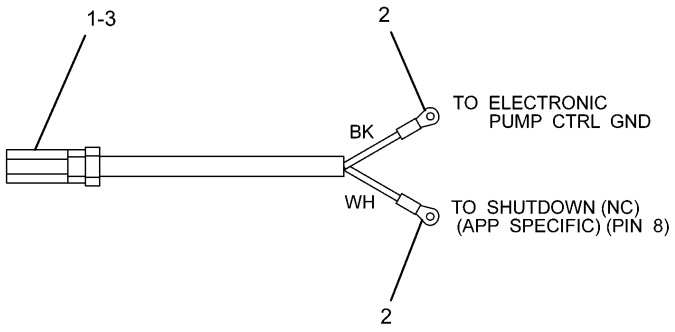
E—ORDER BY THE CENTIMETER

H95503E 00

291-7927 HARNESS AS

Part of 291-7921-Page127

ELECTRICAL AND STARTING SYSTEM

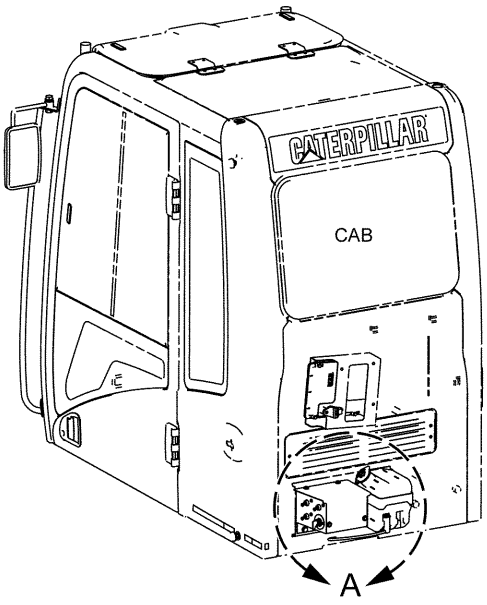


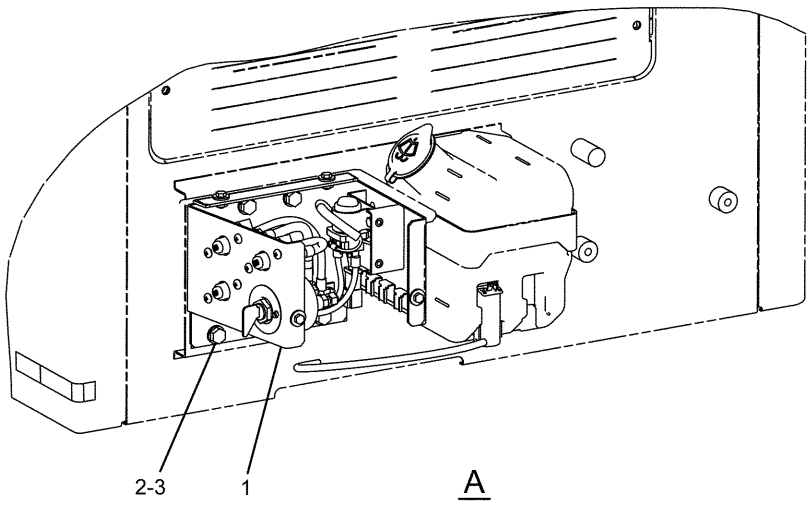
NOTE	No.	PART No.	QTY	PART NAME
	1	9X-3401	2	PIN
	2	2L-8074	2	TERMINAL
	3	243-4505	1	RECEPTACLE AS

H89431E 00

251-0299 HARNESS AS

Part of 291-7921-Page127



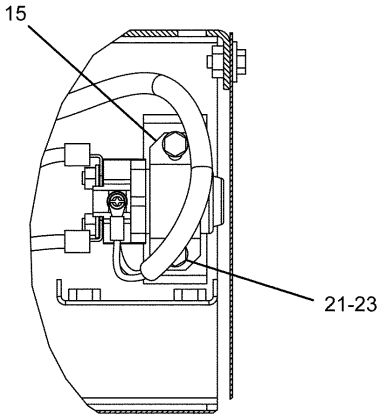


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	259-5177	1	PANEL GP					
	2	8T-4121	4	WASHER					
	3	8T-4137	4	BOLT (L=20mm)					

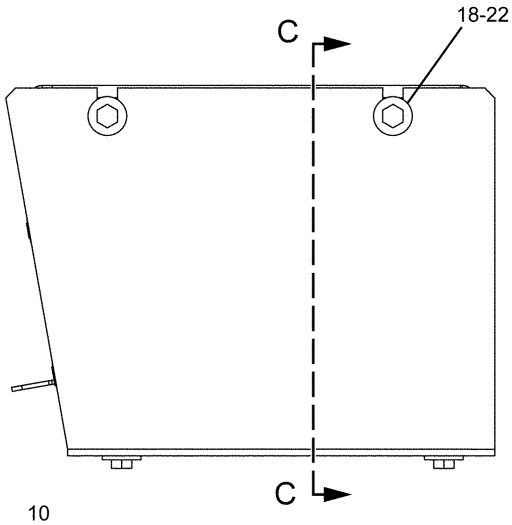
Y—SEE SEPARATE ILLUSTRATION

H93679E 01

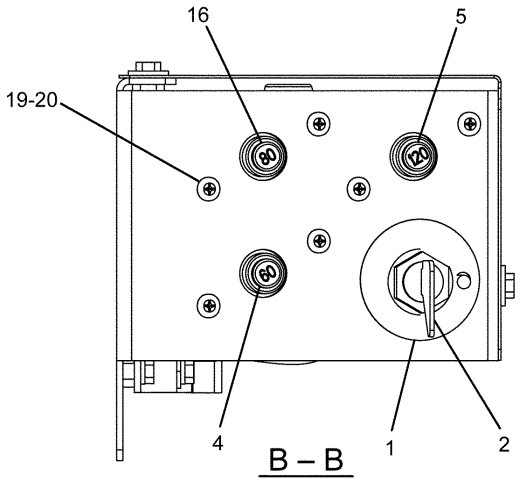
259-5176 WIRING GP
PANEL
259-5177-Page132



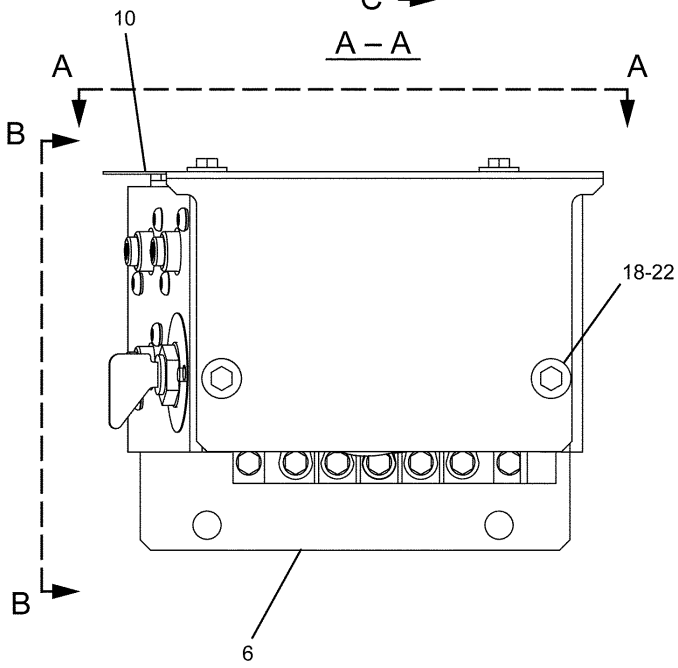
C – C

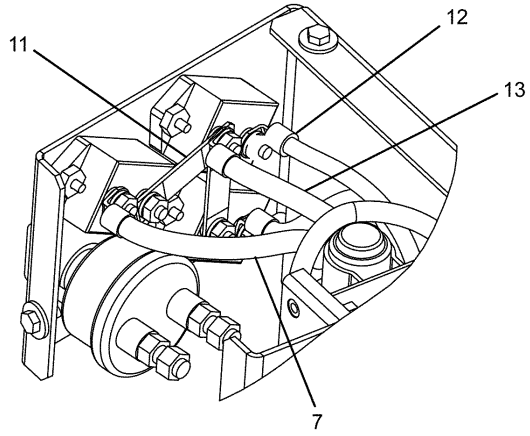


A – A

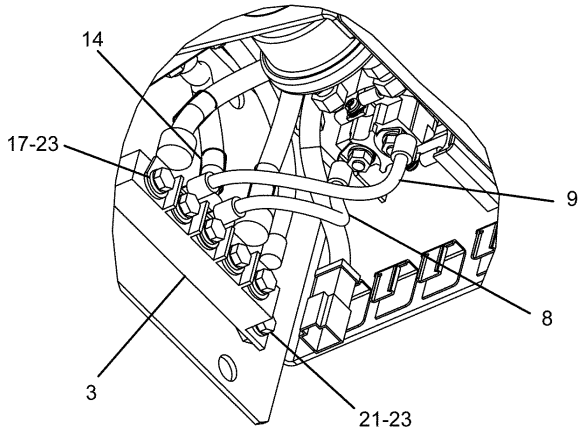


B – B





BREAKER CABLE



START RELAY

H94393E 02

259-5177 PANEL GP-CIRCUIT BREAKER

Part of 259-5176-Page131
259-5274-Page134,7N-0719-Page135

ELECTRICAL AND STARTING SYSTEM

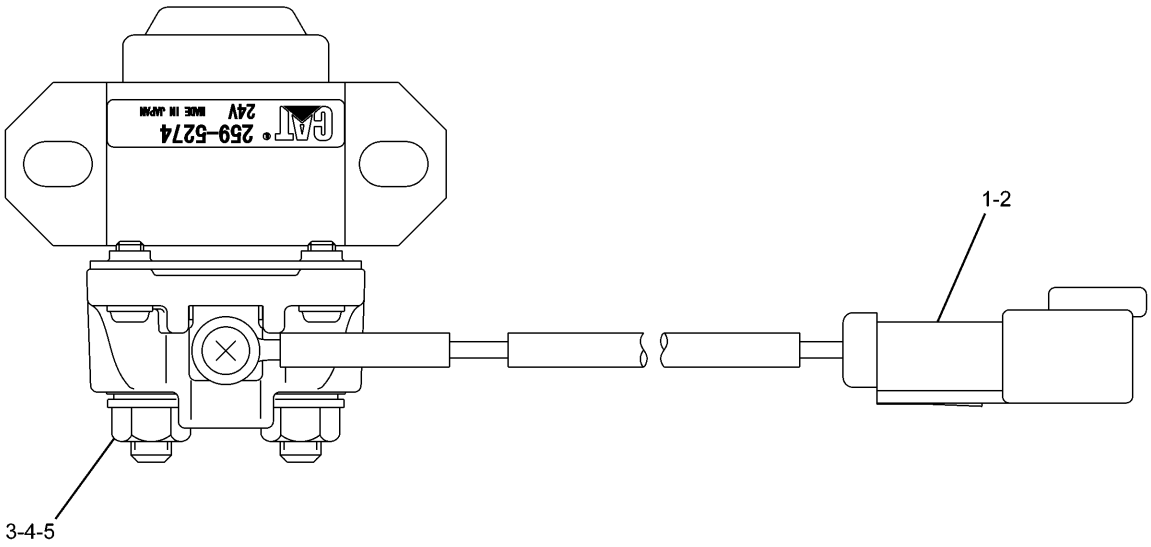
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3E-8320	1	PLATE (INSTRUCTION)					
Y	2	7N-0719	1	SWITCH AS (DISCONNECT)					
	3	121-1023	1	BLOCK					
	4	171-2208	1	BREAKER AS					
		253-2111	2	LOCKWASHER					
		6V-8187	2	NUT					
		8T-4205	2	WASHER					
	5	216-4970	1	BREAKER AS					
		253-2111	2	LOCKWASHER					
		6V-8187	2	NUT					
		8T-4205	2	WASHER					
	6	291-7547	1	BRACKET AS					
	7	234-1035	1	CABLE AS					
		9G-4343	2	TERMINAL					
	8	234-1037	1	WIRE AS					
		2L-8050	2	TERMINAL					
	9	234-1038	1	WIRE AS					
		2L-8050	2	TERMINAL					
	10	238-1506	1	COVER					
	11	238-2279	1	BUS					
	12	238-2280	1	WIRE AS					
		2L-8050	2	TERMINAL					
	13	251-0303	1	CABLE AS					
		9G-4343	2	TERMINAL					
	14	251-0304	1	CABLE AS					
		9G-4343	2	TERMINAL					
Y	15	259-5274	1	SWITCH AS (START RELAY)					
	16	171-2210	1	BREAKER AS					
		253-2111	2	LOCKWASHER					
		6V-8187	2	NUT					
		8T-4205	2	WASHER					
	17	5C-9553	5	BOLT (L=16mm)					
	18	5P-4115	4	WASHER					
	19	6V-5645	6	SCREW					
	20	8T-0328	6	WASHER					
	21	8T-4171	4	BOLT (L=12mm)					
	22	8T-4970	4	BOLT (L=14mm)					
	23	9X-8256	9	WASHER					

Y—SEE SEPARATE ILLUSTRATION

H94393E 02

259-5177 PANEL GP-CIRCUIT BREAKER

Part of 259-5176-Page131
259-5274-Page134,7N-0719-Page135

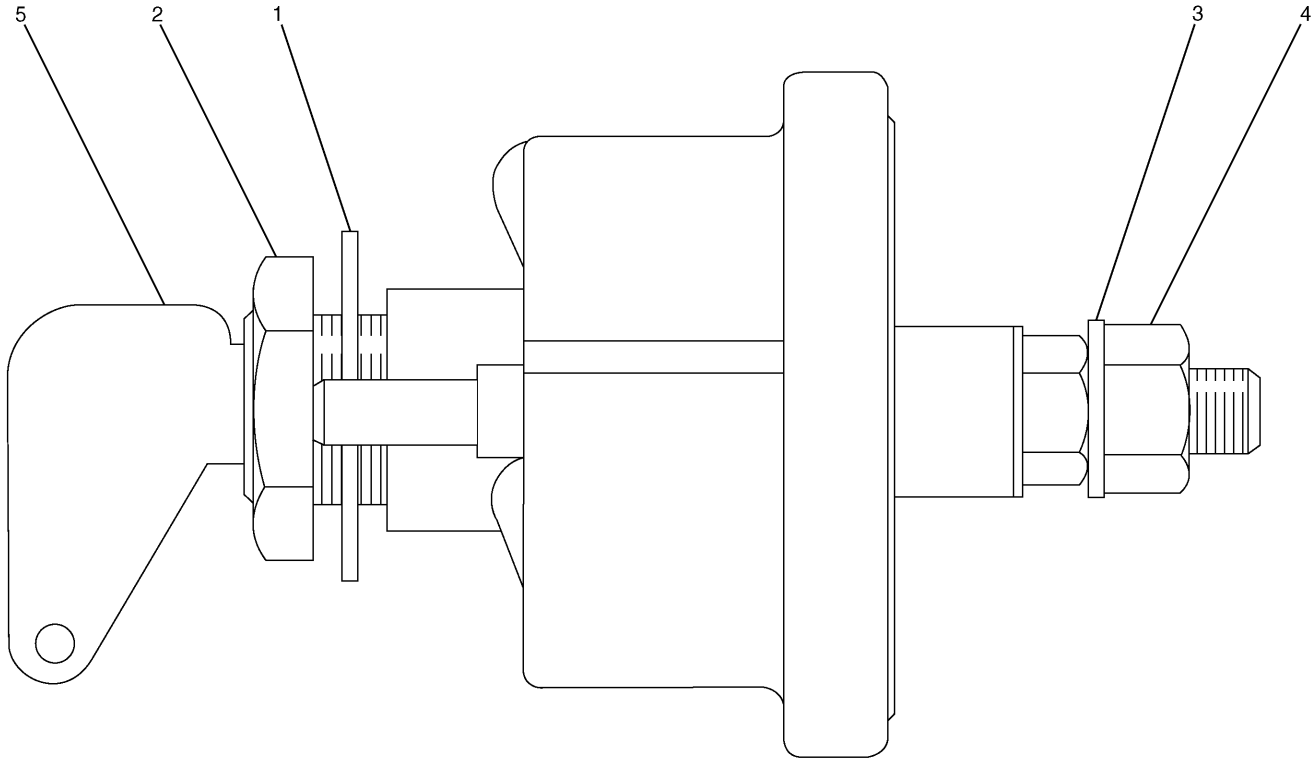


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	102-8802	1	RECEPTACLE KIT					
	2	186-3735	2	PIN					
	3	1H-3338	2	LOCKWASHER					
	4	012-0380	2	LOCKWASHER					
	5	5C-2890	2	NUT					

H89144E 00

259-5274 SWITCH AS
Part of 259-5177-Page133

ELECTRICAL AND STARTING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2H-3922	1	LOCKWASHER					
	2	8H-5303	1	NUT					
	3	9F-5644	2	LOCKWASHER					
	4	6F-7045	2	NUT					
	5	8H-5306	1	KEY					

H67734E 11

7N-0719 SWITCH AS-DISCONNECT
Part of 259-5177-Page133

ELECTRICAL AND STARTING SYSTEM

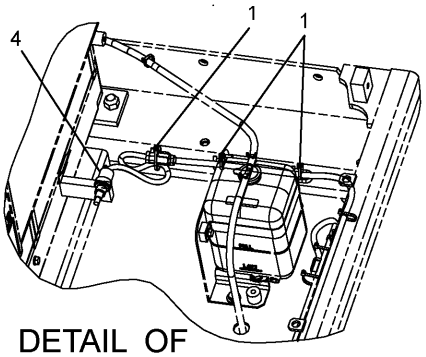
Consists of :

			Page
1	291-7716	WIRING GP-CHASSIS	137
1	291-7463	WIRING GP	139

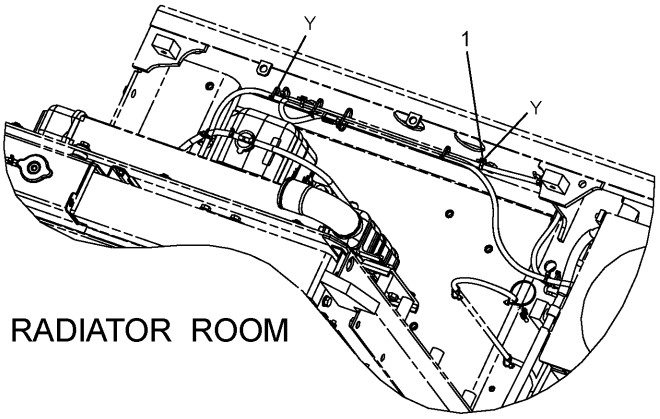
H98317E 00

306-8501 WIRING GP
Viscous Cluch

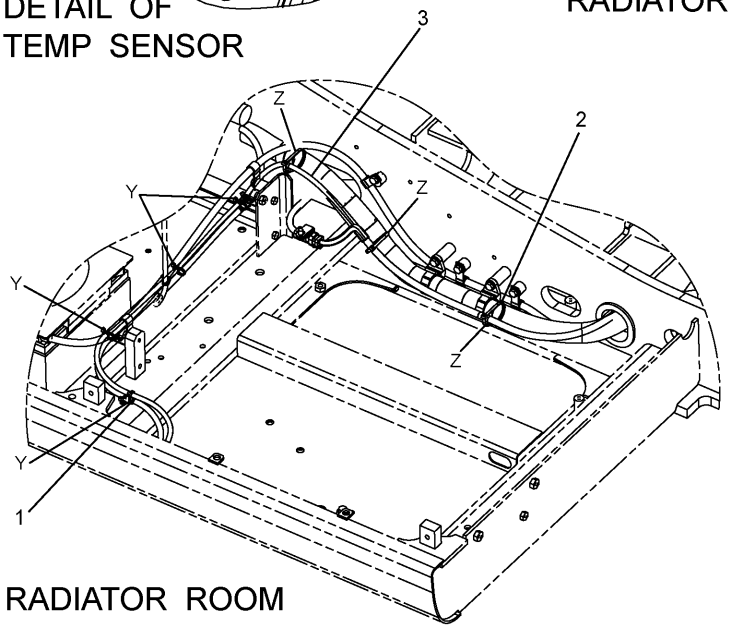
ELECTRICAL AND STARTING SYSTEM



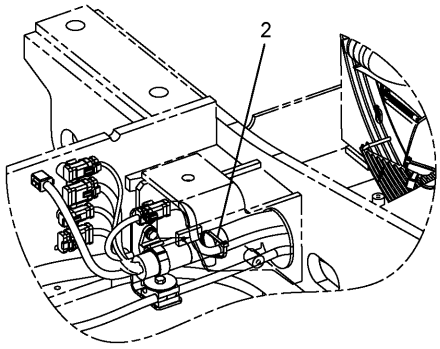
DETAIL OF
TEMP SENSOR



RADIATOR ROOM



RADIATOR ROOM



ENGINE ROOM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	9	STRAP					
	2	7K-1181	4	STRAP					
Y	3	275-6803	1	HARNESS AS					
	4	107-8618	1	SENSOR GP					
		102-8803	1	RECEPTACLE KIT					
		3E-3371	1	WEDGE					
		186-3735	1	PIN					
E		112-4550		SLEEVE…(31cm)					

E—ORDER BY THE CENTIMETER

Y—SEE SEPARATE ILLUSTRATION

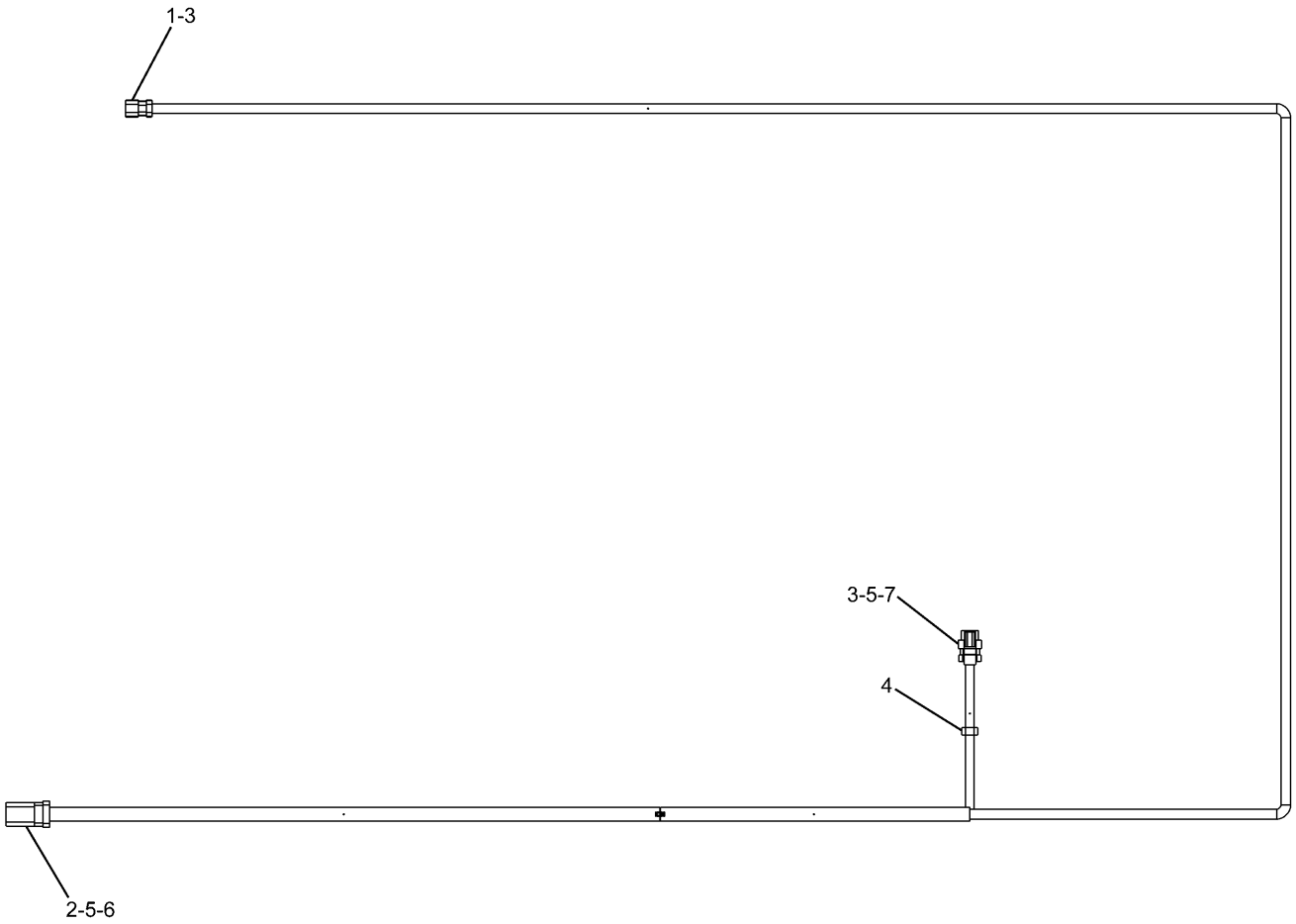
H98318E 00

291-7716 WIRING GP-CHASSIS

Viscous Cluch

Part of 306-8501-Page136
275-6803-Page138

ELECTRICAL AND STARTING SYSTEM

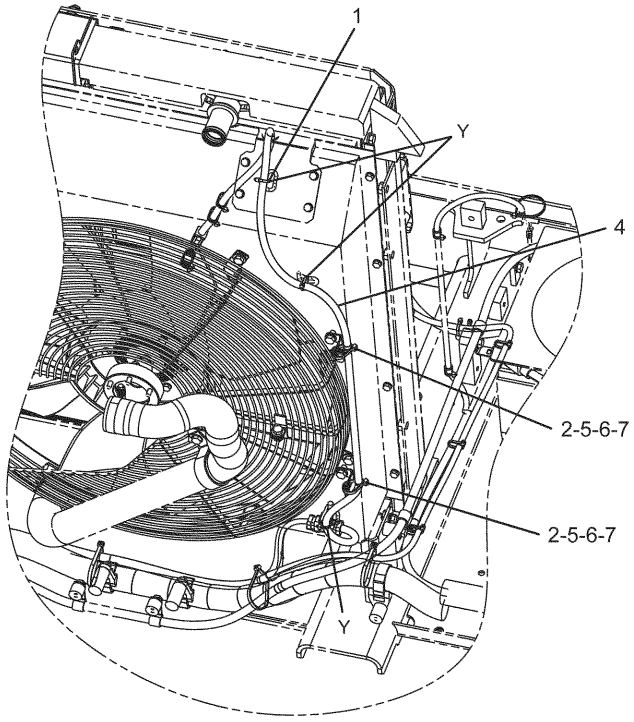


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	155-2260	2	PLUG KIT					
	2	9X-3401	7	PIN					
	3	9X-3402	8	SOCKET					
	4	3S-2093	1	STRAP					
	5	8T-8737	2	PLUG					
	6	243-4509	1	RECEPTACLE AS					
	7	230-5010	1	PLUG AS					

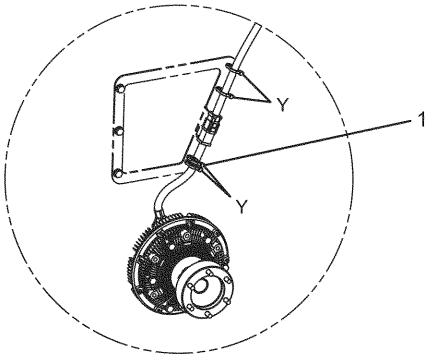
H91183E 00

275-6803 HARNESS AS
Part of 291-7716-Page137

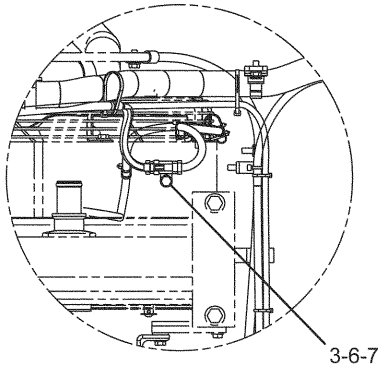
ELECTRICAL AND STARTING SYSTEM



DETAIL OF RADIATOR



DETAIL OF VISCOUS CLUTCH



BOTTOM VIEW (RADIATOR)

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	7	STRAP					
	2	7K-1181	2	STRAP					
	3	116-0118	1	CLIP					
Y	4	275-6846	1	HARNESS AS					
	5	132-5789	2	CLIP					
	6	8T-4121	3	WASHER					
	7	8T-4191	3	BOLT (L=16mm)					

Y—SEE SEPARATE ILLUSTRATION

H94397E 00

291-7463 WIRING GP

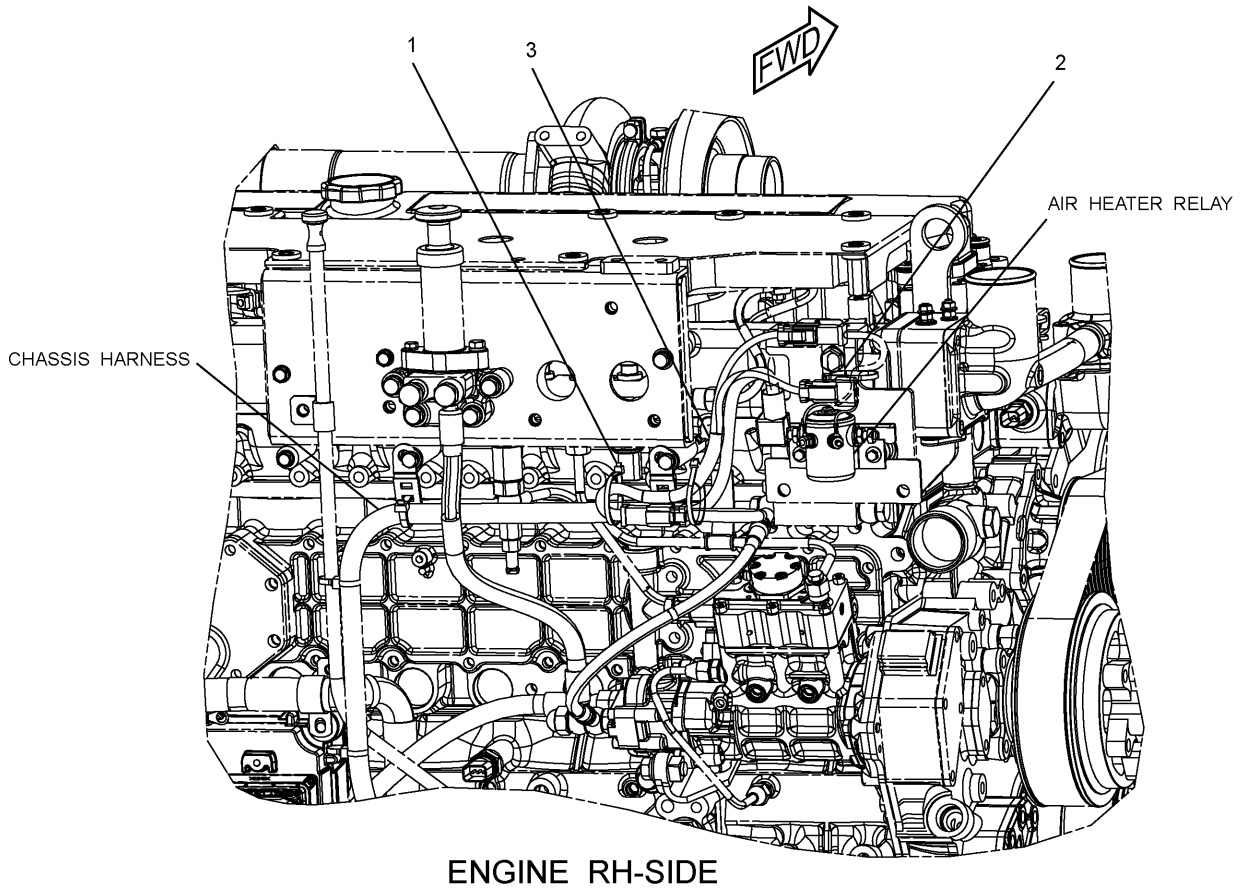
Part of 306-8501-Page136
275-6846-Page140



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9X-3401	5	PIN					
	2	126-1768	5	SOCKET					
	3	8T-8737	2	PLUG					
	4	155-2274	1	PLUG KIT					
	5	243-4508	1	RECEPTACLE AS					

H90633E 00

275-6846 HARNESS AS
Part of 291-7463-Page139



ENGINE RH-SIDE

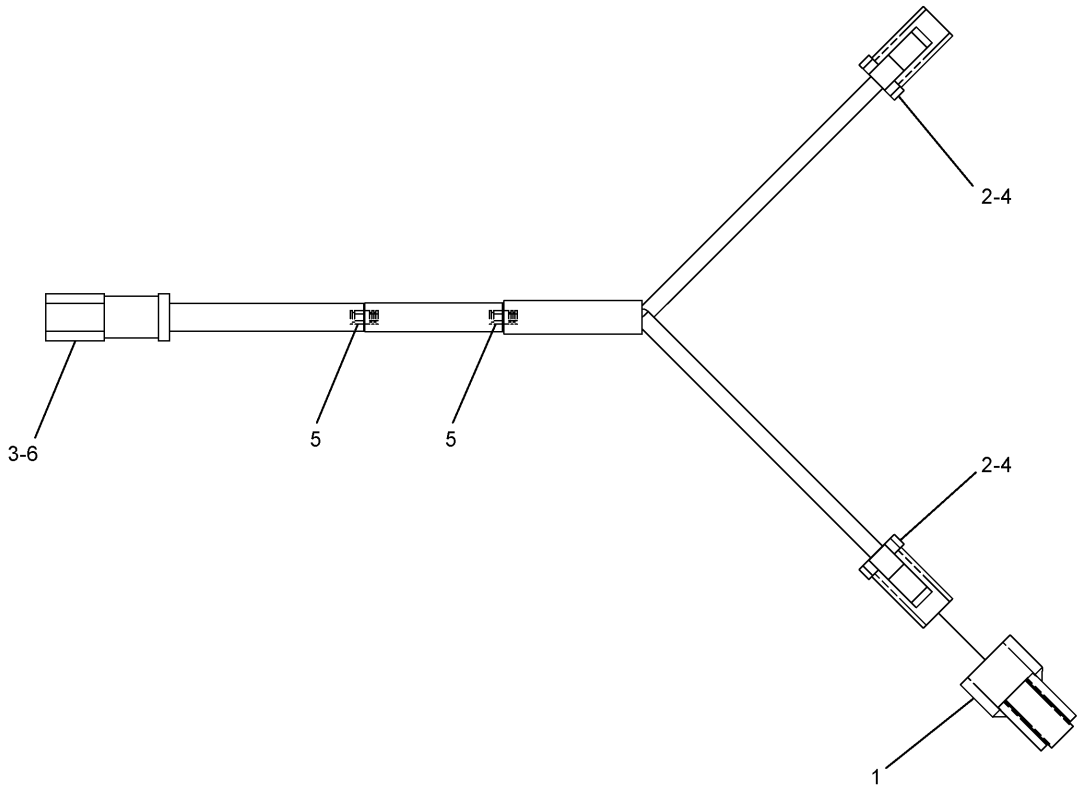
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	2	STRAP					
	2	116-0118	1	CLIP					
Y	3	306-8691	1	HARNESS AS					

Y—SEE SEPARATE ILLUSTRATION

H98323E 00

306-8690 WIRING GP-HEATER
306-8691-Page141.01

ELECTRICAL AND STARTING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	197-4385	1	DIODE					
	2	155-2270	4	PLUG KIT					
	3	8T-8729	2	PIN					
	4	186-3736	4	SOCKET					
E	5	125-7874		TUBE…(5cm × 2)					
	6	102-8802	2	RECEPTACLE KIT					

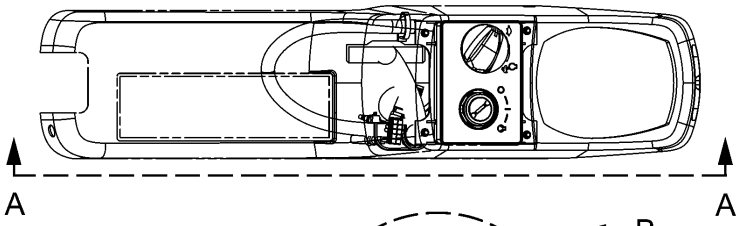
E—ORDER BY THE CENTIMETER

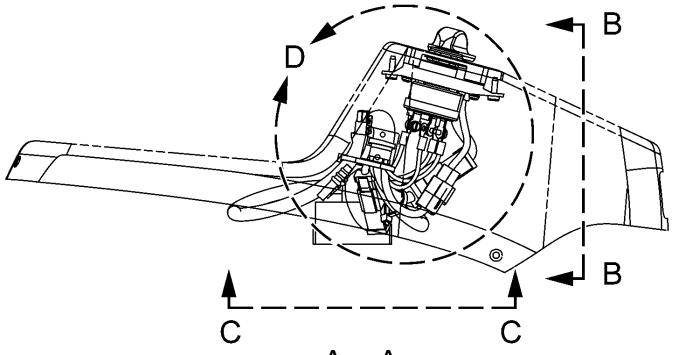
HA1732E 00

306-8691 HARNESS AS

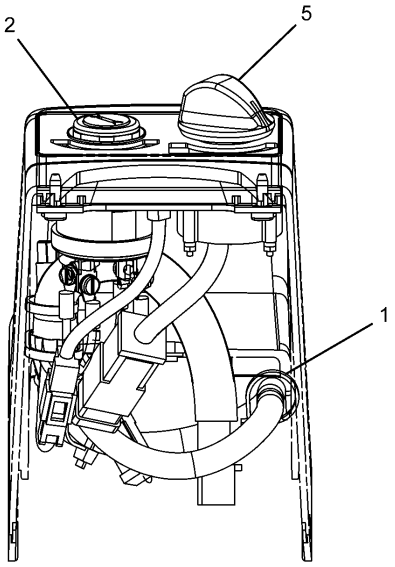
Part of 306-8690-Page141

MEMORANDA

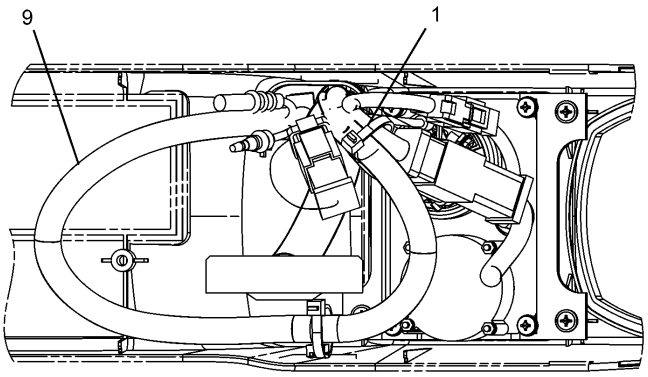




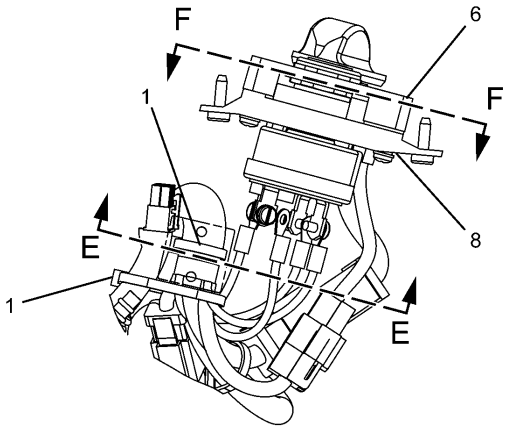
A – A



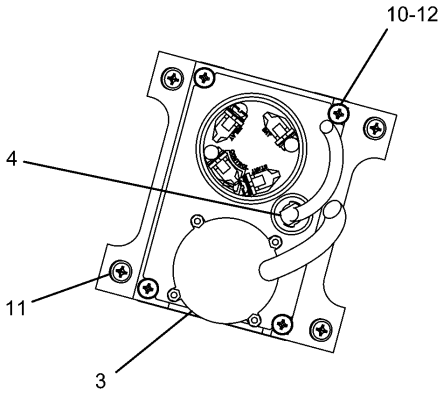
B – B



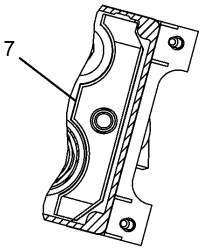
C – C



D



E – E



F – F

H89817E 02

251-0542 PANEL GP-SWITCH
251-0543-Page146,9G-7641-Page147,106-0107-Page148
An Attachment

ELECTRICAL AND STARTING SYSTEM

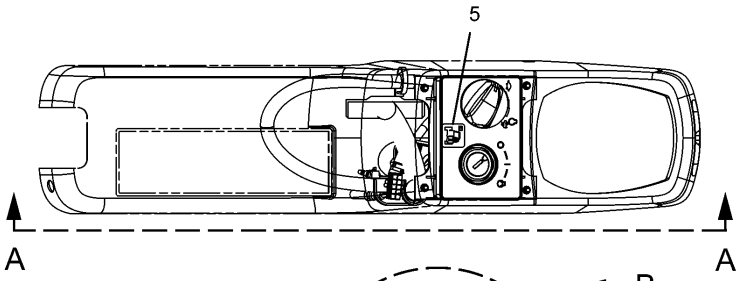
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	4	STRAP					
Y	2	9G-7641	1	SWITCH GP (ENGINE STARTER)					
Y	3	106-0107	1	SWITCH AS (ACCELERATOR)					
	4	170-9324	1	BULB AS					
	5	185-9208	1	KNOB AS					
		124-4003	1	PLATE					
		185-9209	1	SPRING					
	6	234-1156	1	COVER					
	7	234-1158	1	COVER					
	8	267-7976	1	PANEL					
Y	9	251-0543	1	HARNESS AS					
	10	096-6166	4	WASHER					
	11	119-5026	4	SCREW					
	12	6V-9491	4	SCREW					

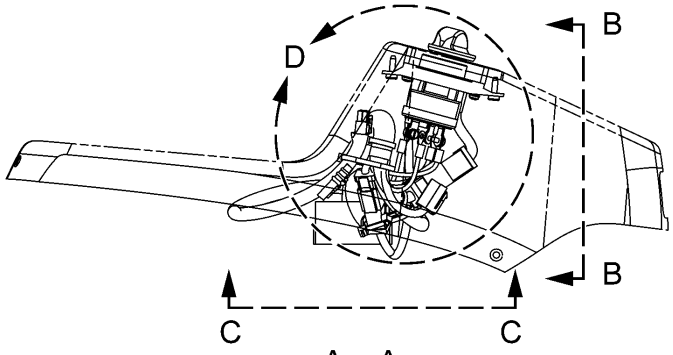
Y—SEE SEPARATE ILLUSTRATION

H89817E 02

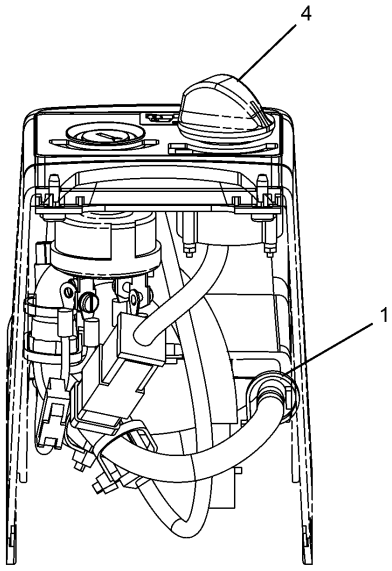
251-0542 PANEL GP-SWITCH

251-0543-Page146,9G-7641-Page147,106-0107-Page148
An Attachment

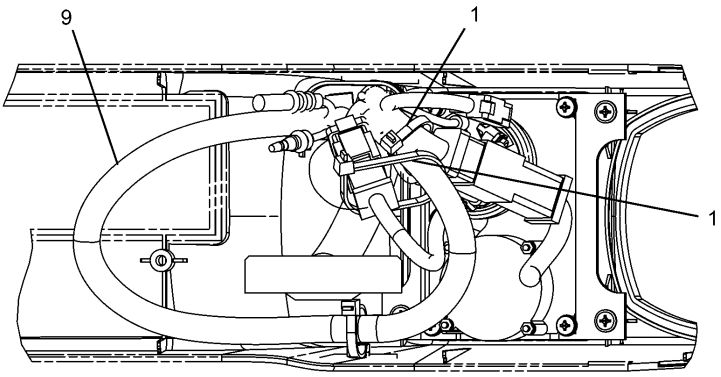




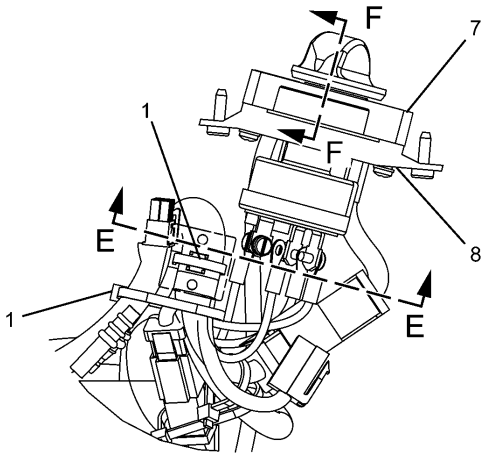
A – A



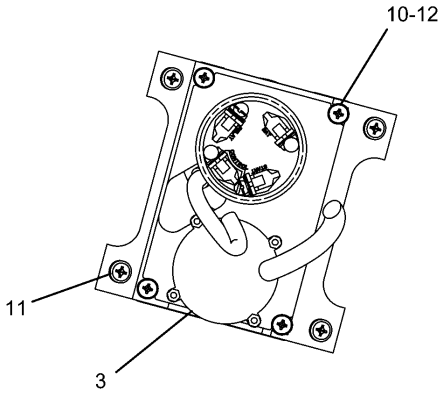
B – B



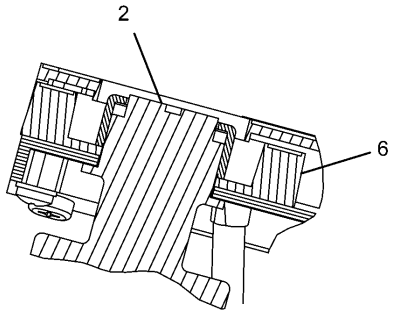
C – C



D



E – E



F – F

H89810E 02

251-0544 PANEL GP-SWITCH

Machine Security System
Part of 299-2831-Page651
251-0543-Page146,9G-7641-Page147,106-0107-Page148
An Attachment

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	5	STRAP					
Y	2	9G-7641	1	SWITCH GP (ENGINE STARTER)					
Y	3	106-0107	1	SWITCH AS (ACCELERATOR)					
	4	185-9208	1	KNOB AS					
		124-4003	1	PLATE					
		185-9209	1	SPRING					
	5	205-0826	1	FILM					
				(MACHINE SECURITY SYSTEM)					
	6	205-8257	1	COIL AS					
		200-5125	1	FILM (IGNITION SWITCH)					
		198-5389	1	FILM (IGNITION SWITCH)					
		102-8802	1	RECEPTACLE KIT					
	7	234-1156	1	COVER					
	8	267-7977	1	PANEL					
Y	9	251-0543	1	HARNESS AS					
	10	096-6166	4	WASHER					
	11	119-5026	4	SCREW					
	12	6V-9491	4	SCREW					

Y—SEE SEPARATE ILLUSTRATION

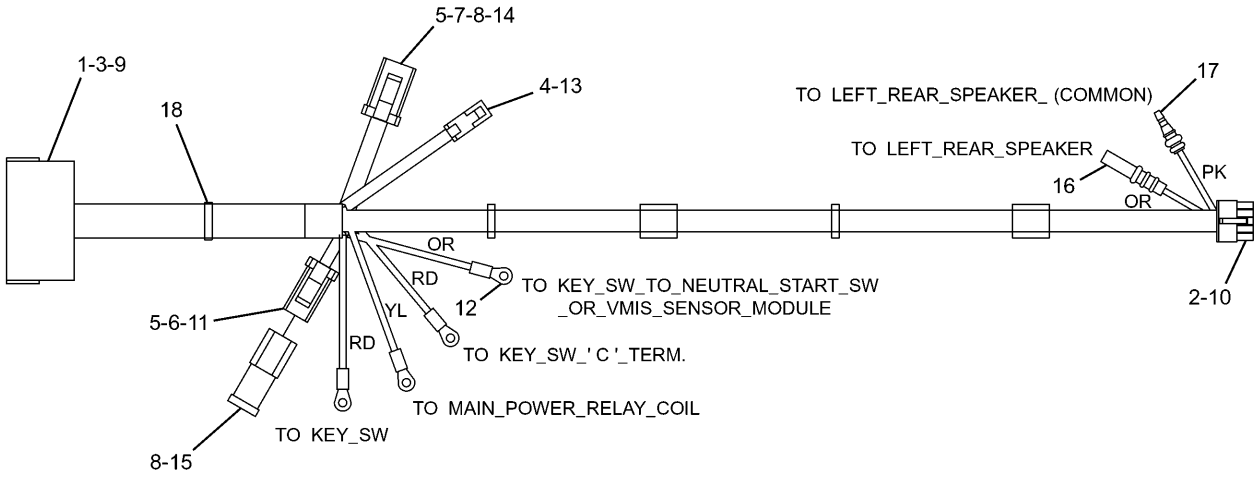
H89810E 02

251-0544 PANEL GP-SWITCH

Machine Security System

Part of 299-2831-Page651
251-0543-Page146,9G-7641-Page147,106-0107-Page148

An Attachment



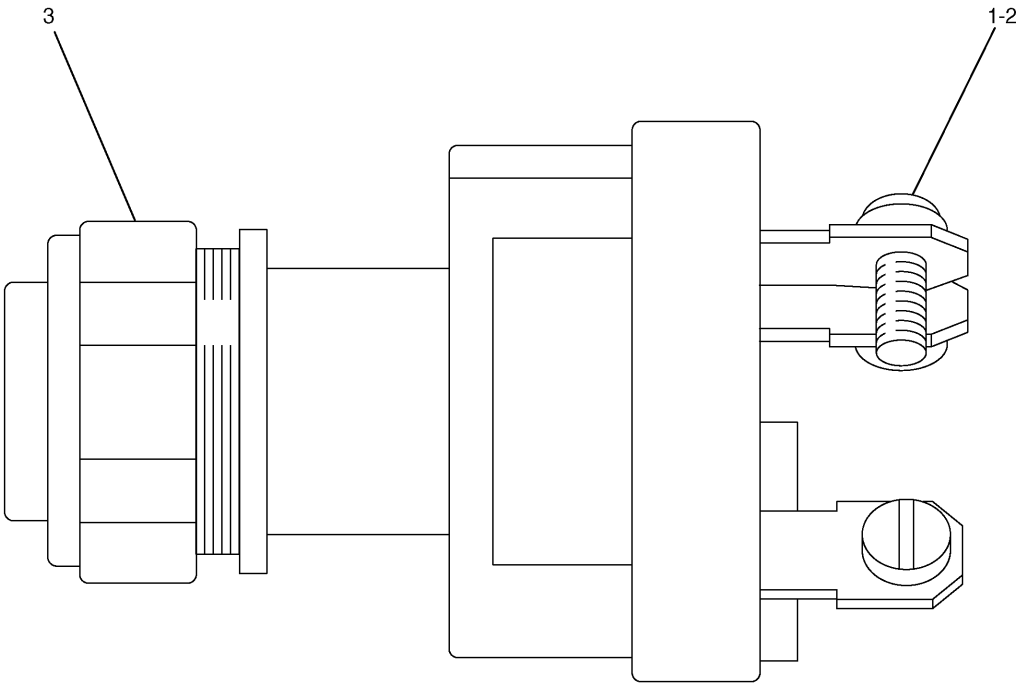
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	238-2366	7	TERMINAL					
	2	153-2540	10	TERMINAL					
	3	121-1173	14	TERMINAL					
	4	7Y-3951	2	TERMINAL					
	5	126-1768	7	SOCKET					
	6	155-2261	1	WEDGE					
	7	155-2263	1	WEDGE					
	8	8T-8737	3	PLUG					
	9	121-1168	1	CONNECTOR					
	10	153-2541	1	CONNECTOR					
	11	155-2270	1	PLUG KIT					
	12	2L-8075	4	TERMINAL					
	13	7Y-3952	1	CONNECTOR					
	14	155-2274	1	PLUG KIT					
	15	102-8802	1	RECEPTACLE KIT					
	16	7Y-3963	1	TERMINAL					
		7Y-3965	1	TUBE					
	17	7Y-3962	1	TERMINAL					
		7Y-3964	1	TUBE					
	18	3S-2093	3	STRAP					

H88058E 01

251-0543 HARNESS AS

Part of 251-0542-Page143,251-0544-Page145

An Attachment

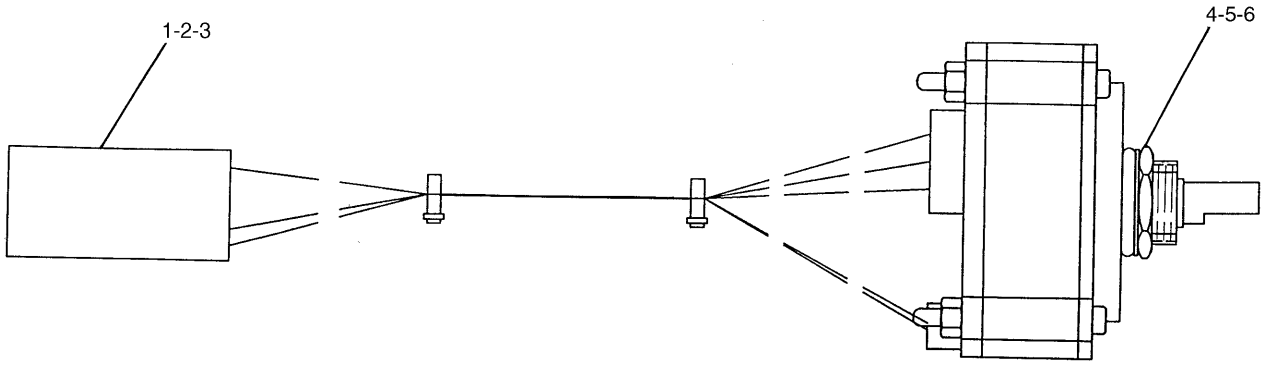


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6V-8362	4	SCREW					
	2	9B-7233	4	LOCKWASHER					
	3	7T-6799	1	NUT					

H67042E 06

9G-7641 SWITCH GP-START

Part of 251-0542-Page143,251-0544-Page145
An Attachment

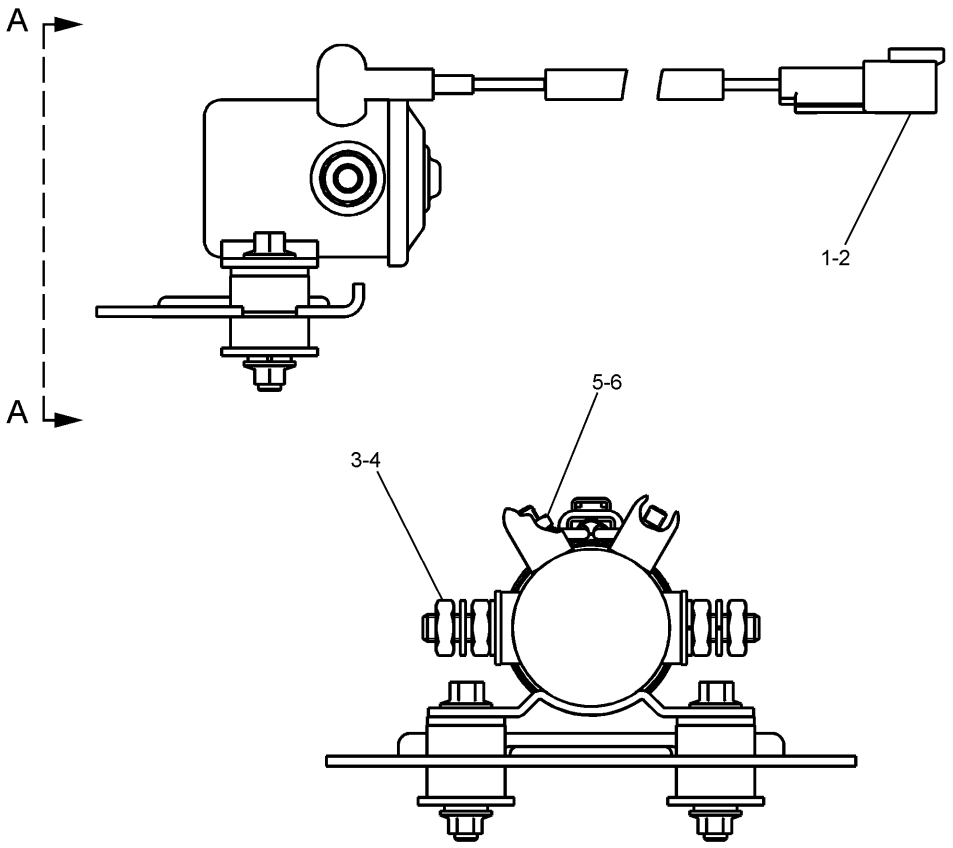


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-8737	1	PLUG					
	2	9X-3401	5	PIN					
	3	102-8805	1	RECEPTACLE KIT					
	4	106-0210	1	SEAL					
	5	7Y-5458	1	NUT					
	6	7Y-5464	1	WASHER					

H74274E 02

106-0107 SWITCH AS-ROTARY
Part of 251-0542-Page143,251-0544-Page145
An Attachment

ELECTRICAL AND STARTING SYSTEM



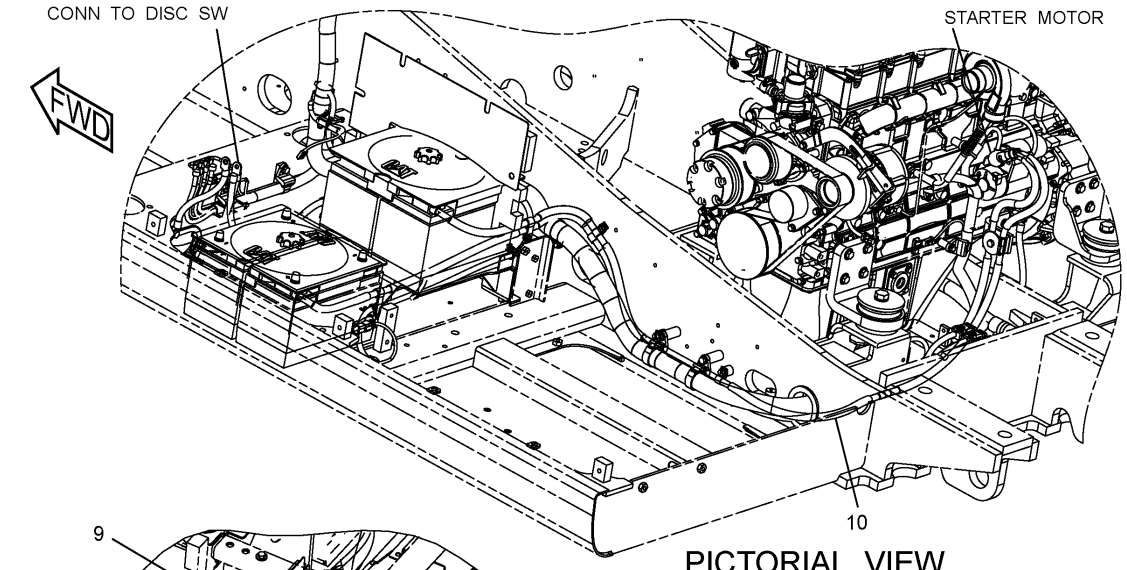
A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	102-8802	1	RECEPTACLE KIT					
	2	186-3735	2	PIN					
	3	3F-9556	2	LOCKWASHER					
	4	6V-8186	2	NUT					
	5	6V-8378	2	NUT					
	6	8F-1434	2	LOCKWASHER					

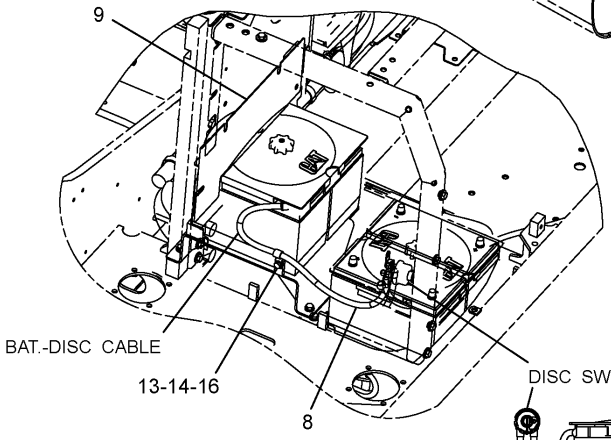
H96258E 03

223-4453 SWITCH AS-MAGNETIC
Part of 296-4652-Page58

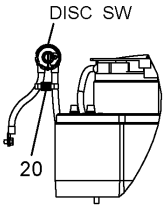
ELECTRICAL AND STARTING SYSTEM



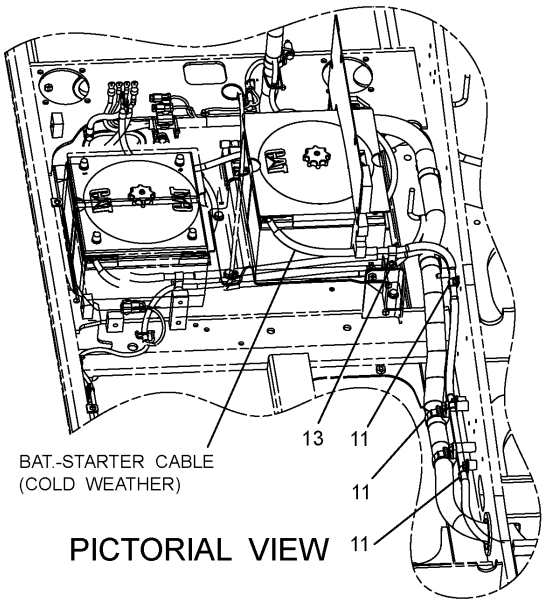
PICTORIAL VIEW



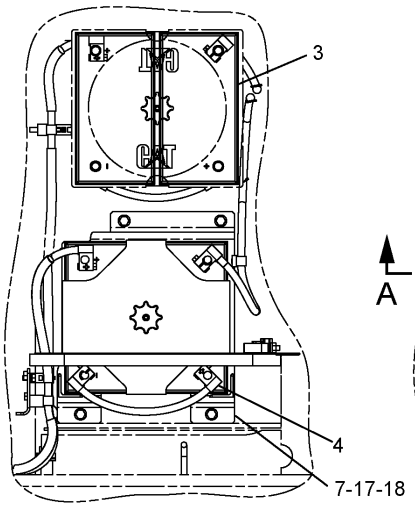
PICTORIAL VIEW



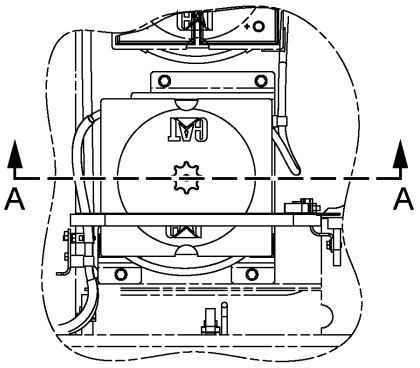
DETAIL OF DISC SW



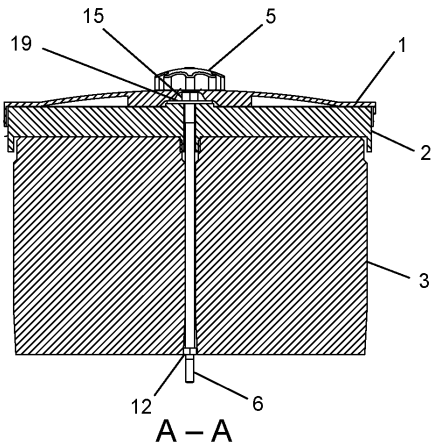
PICTORIAL VIEW



BATTERY ROOM



BATTERY ROOM



A – A

H98459E 01

299-2783 BATTERY & WIRING GP-COLD WEATH
170-6929-Page105,291-7592-Page152,259-5229-Page153,289-6712-Page248
An Attachment

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5I-8270	1	COVER					
	2	6W-6005	1	HOLDDOWN					
	3	9X-3404	4	BATTERY					
Y	4	170-6929	1	CABLE AS					
	5	238-2501	1	KNOB					
	6	238-2528	1	ROD					
	7	259-5225	1	SUPPORT AS					
Y	8	259-5229	1	CABLE AS					
Y	9	289-6712	1	SHEET AS					
Y	10	291-7592	1	CABLE AS					
	11	4K-8864	3	CLIP					
	12	5C-7261	1	NUT					
	13	6K-8178	2	CLIP					
	14	8T-4121	1	WASHER					
	15	8T-4133	1	NUT					
	16	8T-4191	1	BOLT (L=16mm)					
	17	8T-4192	4	BOLT (L=25mm)					
	18	8T-4223	4	WASHER					
	19	8T-4226	1	WASHER					
	20	204-1673	1	STRAP					

Y—SEE SEPARATE ILLUSTRATION

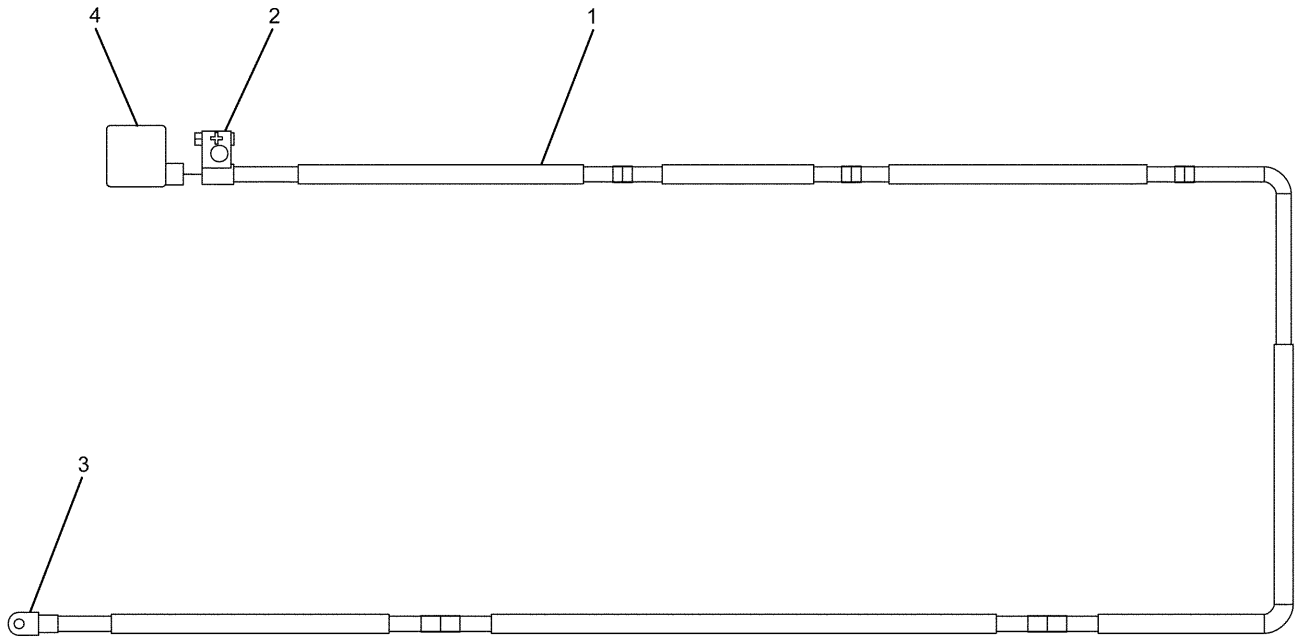
H98459E 01

299-2783 BATTERY & WIRING GP-COLD WEATH

170-6929-Page105,291-7592-Page152,259-5229-Page153,289-6712-Page248

An Attachment

ELECTRICAL AND STARTING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
E	1	5P-0761		CABLE…(281cm)					
	2	8C-5917	1	TERMINAL AS					
	3	1S-7252	1	TERMINAL					
	4	9G-0004	1	COVER					

E—ORDER BY THE CENTIMETER

H95277E 01

291-7592 CABLE AS
Part of 299-2783-Page151
An Attachment

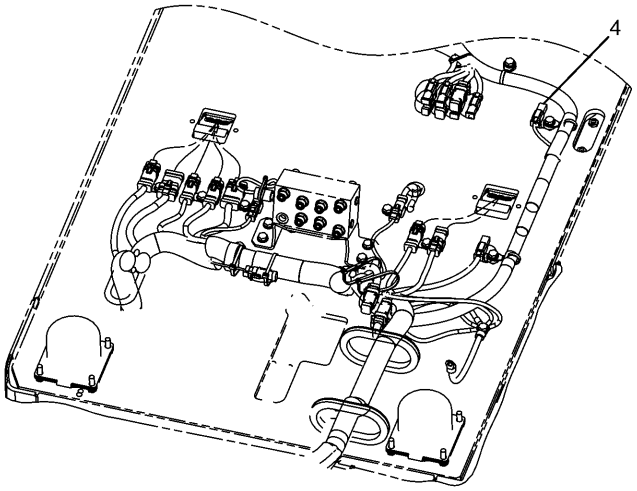
ELECTRICAL AND STARTING SYSTEM



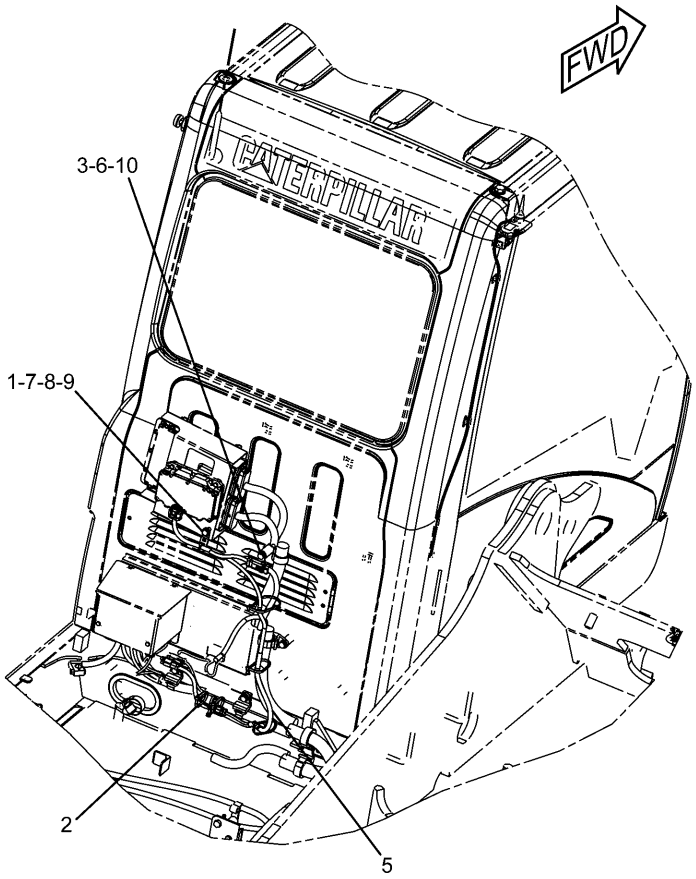
NOTE	No.	PART No.	QTY	PART NAME
	1	9G-0003	1	COVER
	2	8T-9757	1	TERMINAL AS
	3	1S-7252	1	TERMINAL

H90045E 00

259-5229 CABLE AS
Part of 299-2783-Page151
An Attachment



DETAIL OF UNDER PLATFORM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	1	STRAP					
	2	7K-1181	6	STRAP					
	3	116-0118	1	CLIP					
	4	145-0549	1	RECEPTACLE AS					
		102-8802	1	RECEPTACLE KIT					
		8T-8737	2	PLUG					
Y	5	275-6784	1	HARNESS AS					
	6	4I-7889	1	SPACER					
	7	4P-7581	1	CLIP					
	8	8T-4121	1	WASHER					
	9	8T-4137	1	BOLT (L=20mm)					
	10	8T-5005	1	BOLT (L=70mm)					

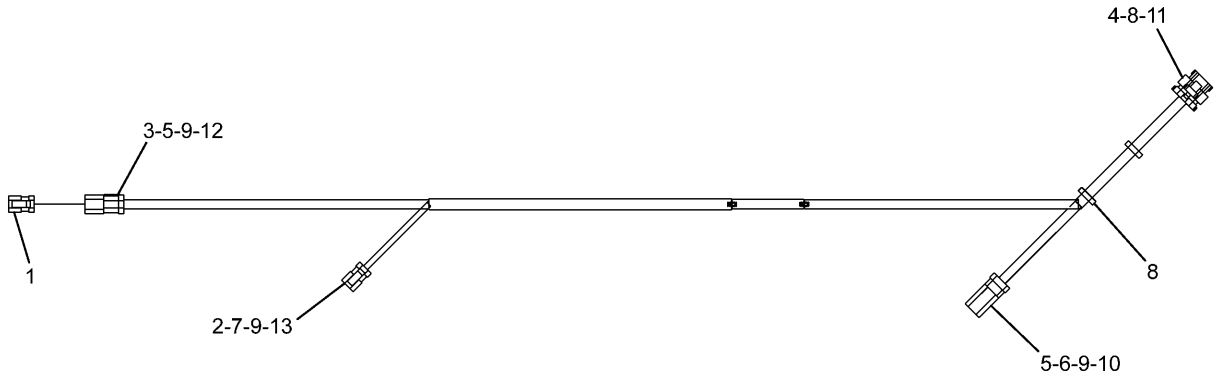
Y—SEE SEPARATE ILLUSTRATION

H90605E 00

275-6783 WIRING GP

Product Link Japan
Part of 275-3668-Page195
275-6784-Page155
An Attachment

ELECTRICAL AND STARTING SYSTEM

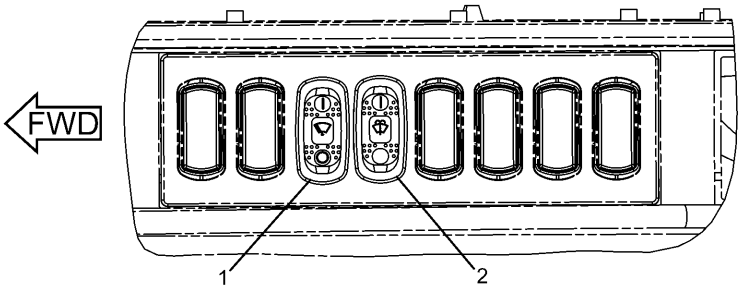


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	174-3016	1	PLUG AS					
	2	155-2260	1	PLUG KIT					
	3	102-8803	1	RECEPTACLE KIT					
	4	275-6786	7	TERMINAL					
	5	9X-3401	5	PIN					
	6	186-3735	2	PIN					
	7	126-1768	2	SOCKET					
	8	3S-2093	2	STRAP					
	9	8T-8737	3	PLUG					
	10	243-4508	1	RECEPTACLE AS					
	11	275-6785	1	PLUG AS					
	12	133-0975	1	WEDGE					
	13	155-2266	1	WEDGE					

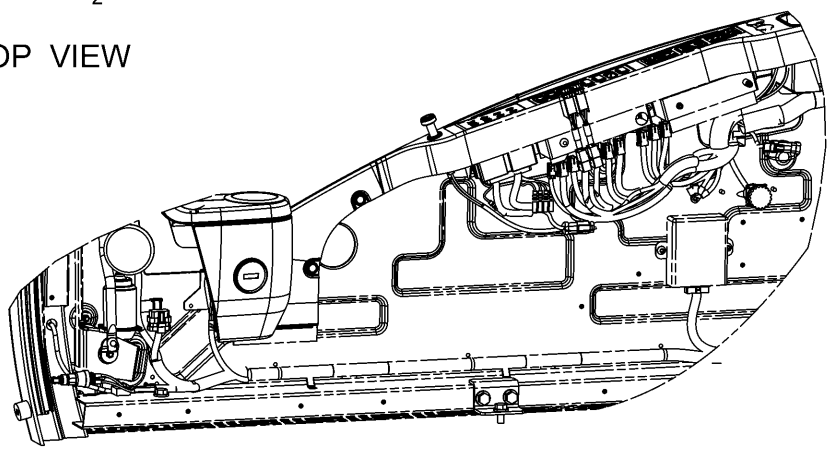
H91209E 01

275-6784 HARNESS AS

Part of 275-6783-Page154
An Attachment



TOP VIEW



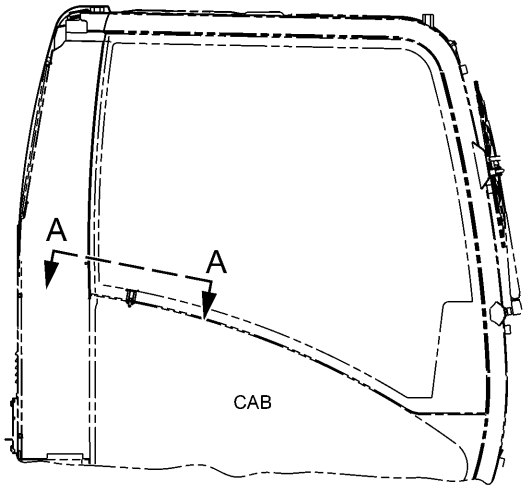
CAB SIDE PANEL

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	238-2209	1	SWITCH AS (LOWER WIPER)					
		167-3542	1	CONNECTOR					
		167-3543	5	TERMINAL					
	2	238-2210	1	SWITCH AS (LOWER WASHER)					
		167-3542	1	CONNECTOR					
		167-3543	4	TERMINAL					

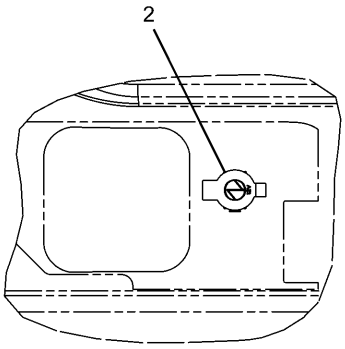
H88176E 01

238-2208 WIRING GP-LOWER WIPER
Part of 229-9086-Page642
An Attachment

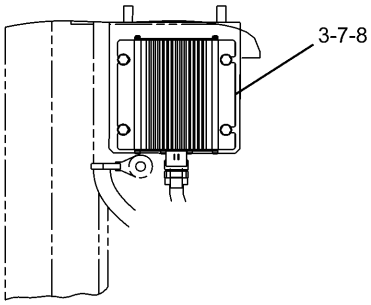
ELECTRICAL AND STARTING SYSTEM



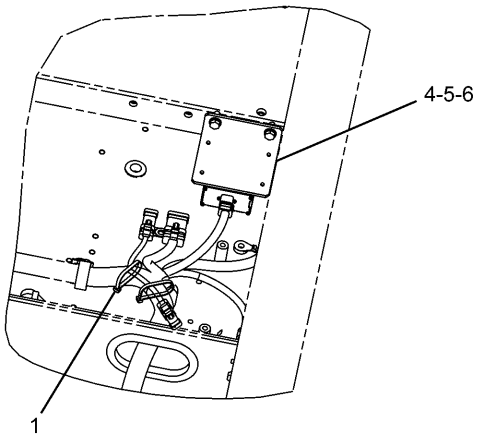
RIGHT SIDE VIEW



A – A



TOP VIEW OF THE CONVERTER



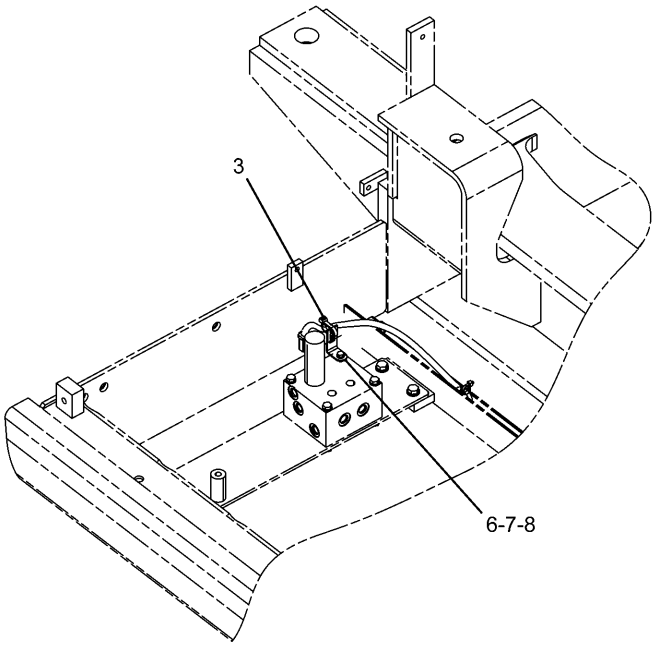
BOTTOM VIEW OF THE PLATFORM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7K-1181	2	STRAP					
	2	121-0987	1	SOCKET					
	3	283-2783	1	CONVERTER					
	4	251-0483	1	BRACKET					
	5	8T-4121	2	WASHER					
	6	8T-4136	2	BOLT (L=25mm)					
	7	8T-4171	4	BOLT (L=12mm)					
	8	9X-8256	4	WASHER					

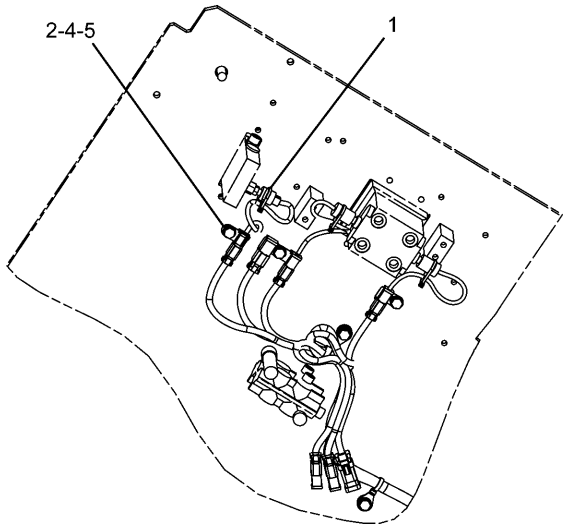
H93671E 01

251-0482 WIRING GP
12V-7A Power Supply
An Attachment

ELECTRICAL AND STARTING SYSTEM



PUMP ROOM



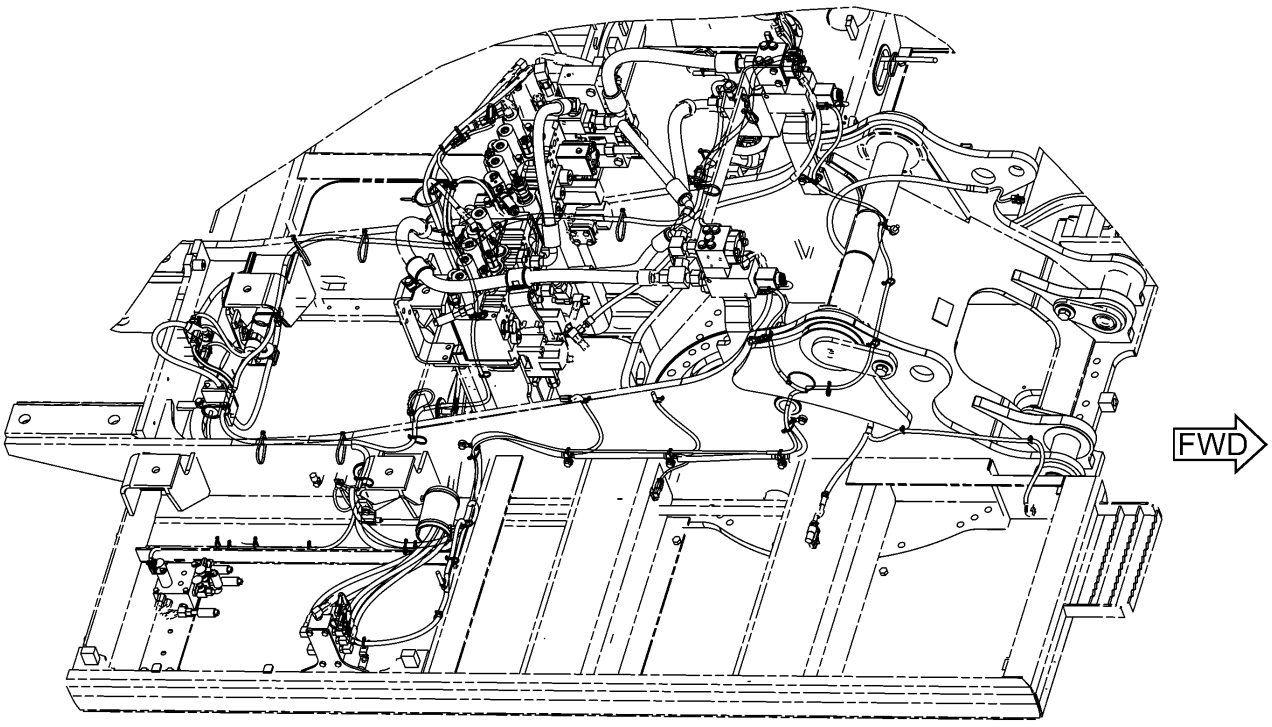
BOTTOM VIEW OF THE PLATFORM

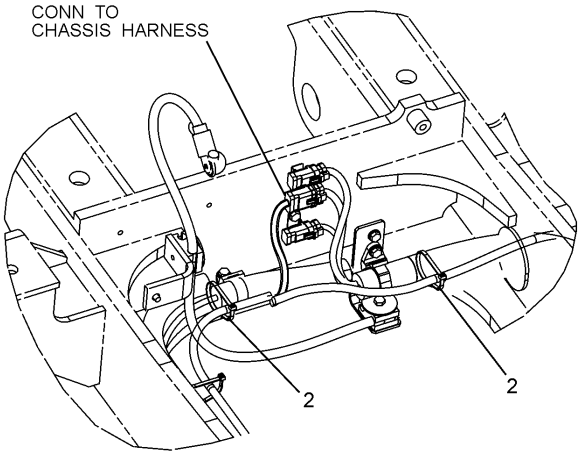
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	1	STRAP					
	2	116-0118	1	CLIP					
	3	7K-1181	1	STRAP					
	4	7X-2621	1	BOLT (L=12mm)					
	5	8T-4121	1	WASHER					
	6	8T-4171	1	BOLT (L=12mm)					
	7	156-6175	1	CLIP					
	8	9X-8256	1	WASHER					

H91573E 01

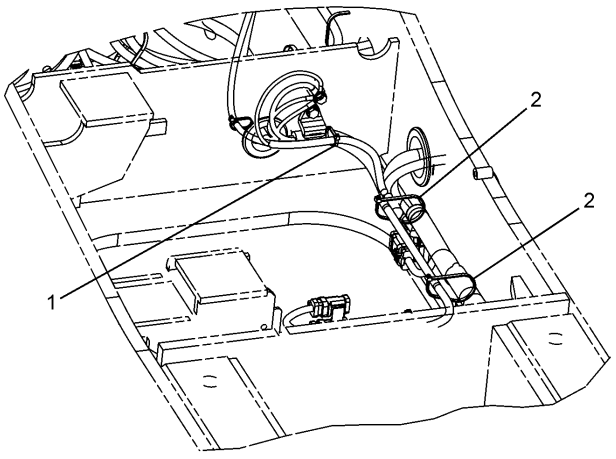
251-0436 WIRING GP
Part of 259-7492,259-7494-Page443
An Attachment

MEMORANDA





ENGINE ROOM



ENGINE ROOM

H95936E 01

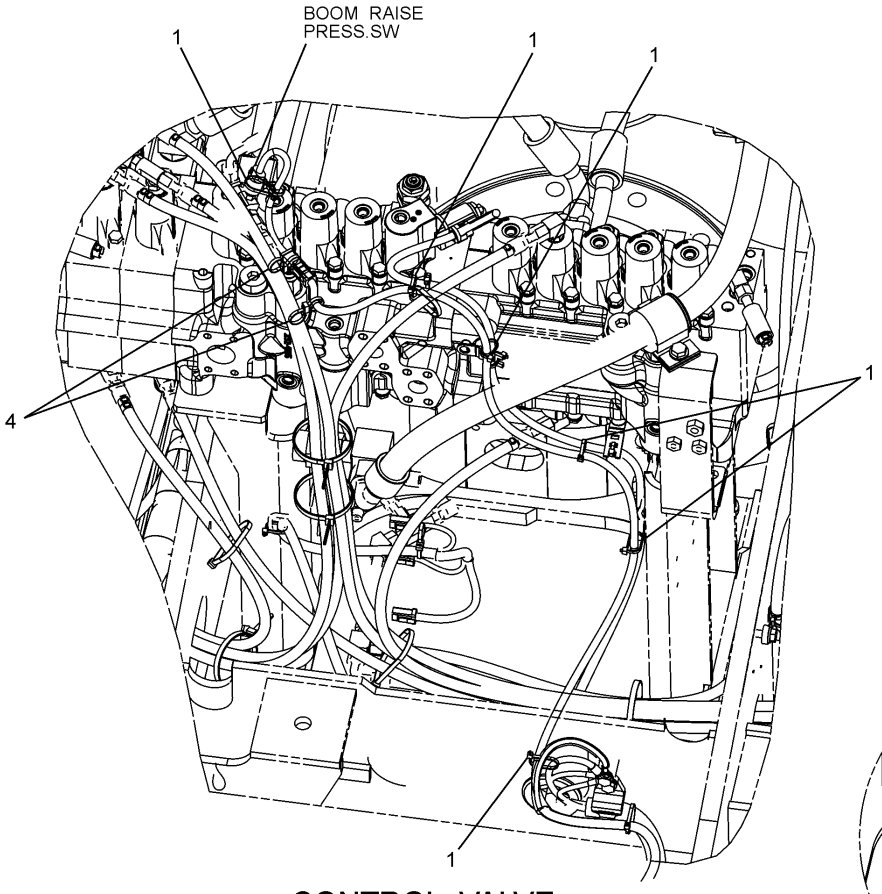
259-5045 WIRING GP (1/4)
Part of 259-7493-Page444,259-7495-Page445
An Attachment

ELECTRICAL AND STARTING SYSTEM

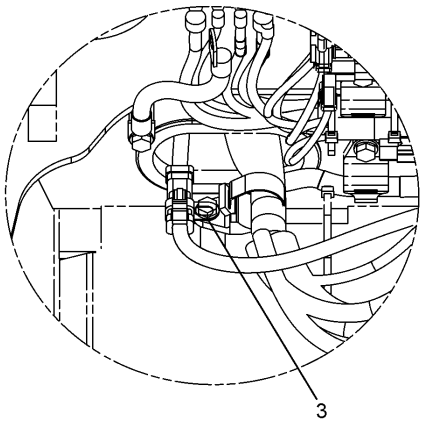
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	1	STRAP					
	2	7K-1181	4	STRAP					

H95936E 01

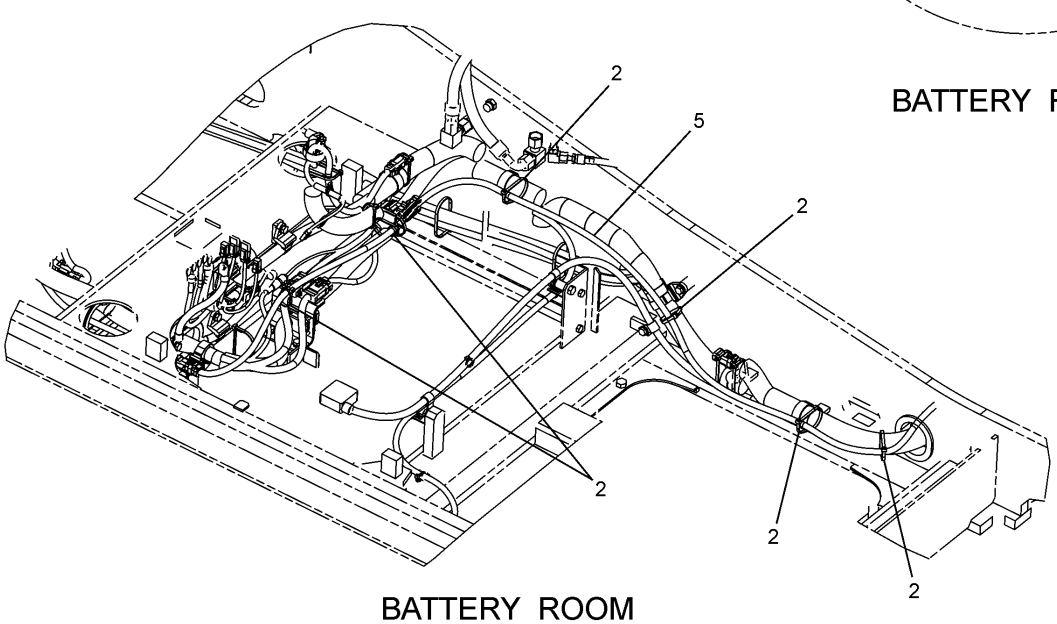
259-5045 WIRING GP (1/4)
Part of 259-7493-Page444,259-7495-Page445
An Attachment



CONTROL VALVE



BATTERY ROOM



BATTERY ROOM

H95937E 01

259-5045 WIRING GP (2/4)
Part of 259-7493-Page444,259-7495-Page445
267-7636-Page168
An Attachment

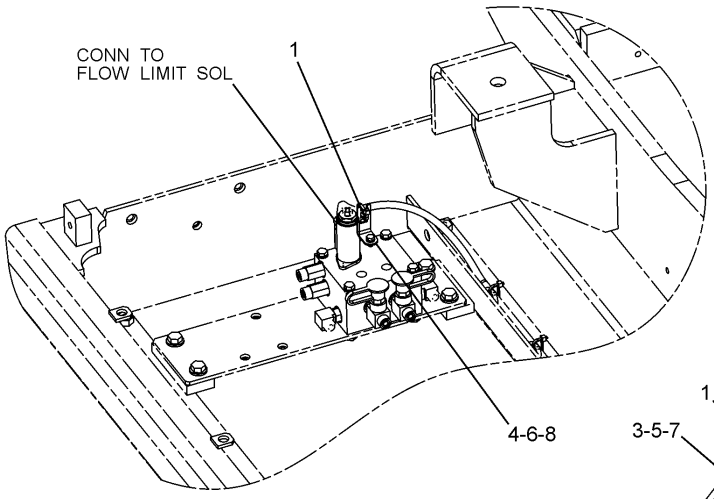
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	6	STRAP					
	2	7K-1181	6	STRAP					
	3	116-0118	1	CLIP					
	4	204-1611	2	STRAP					
Y	5	267-7636	1	HARNESS AS					

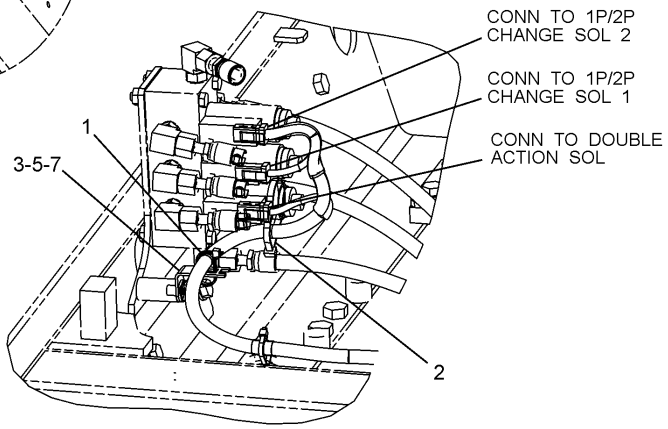
Y—SEE SEPARATE ILLUSTRATION

H95937E 01

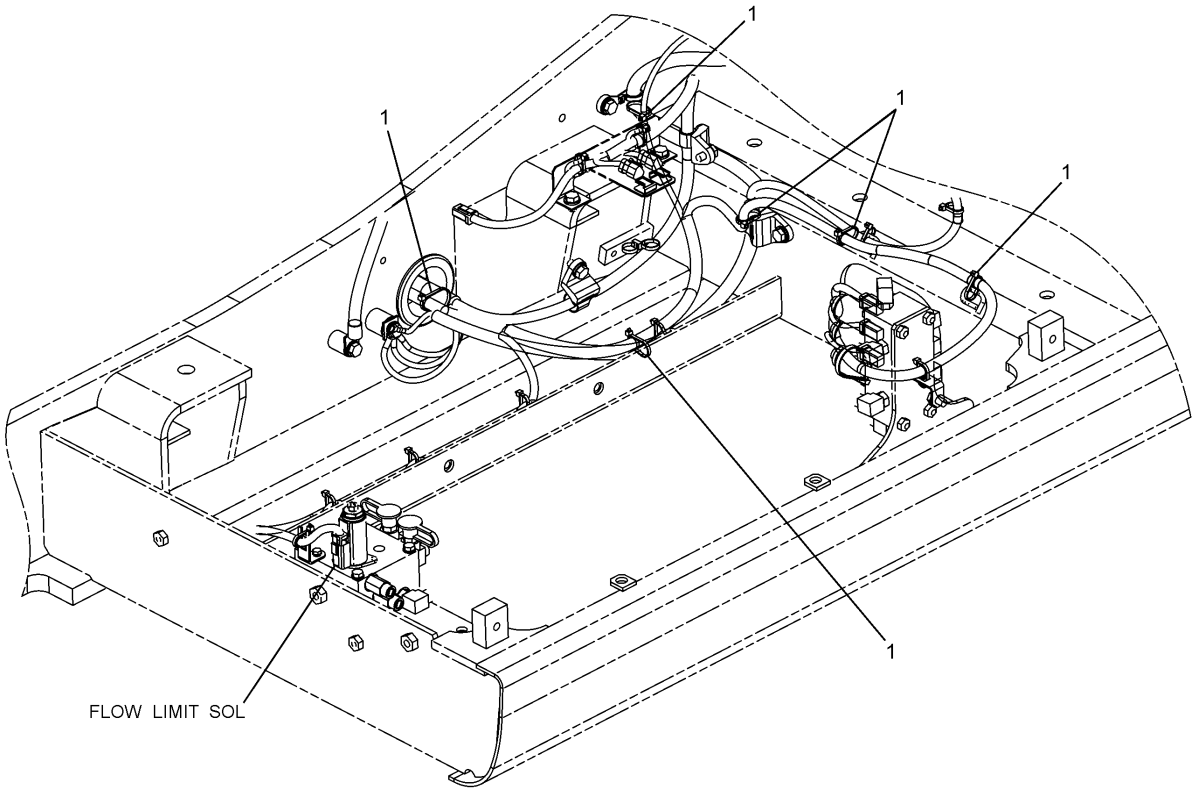
259-5045 WIRING GP (2/4)
Part of 259-7493-Page444,259-7495-Page445
267-7636-Page168
An Attachment



FLOW LIMIT SOL



PUMP ROOM



PUMP ROOM

H95938E 01

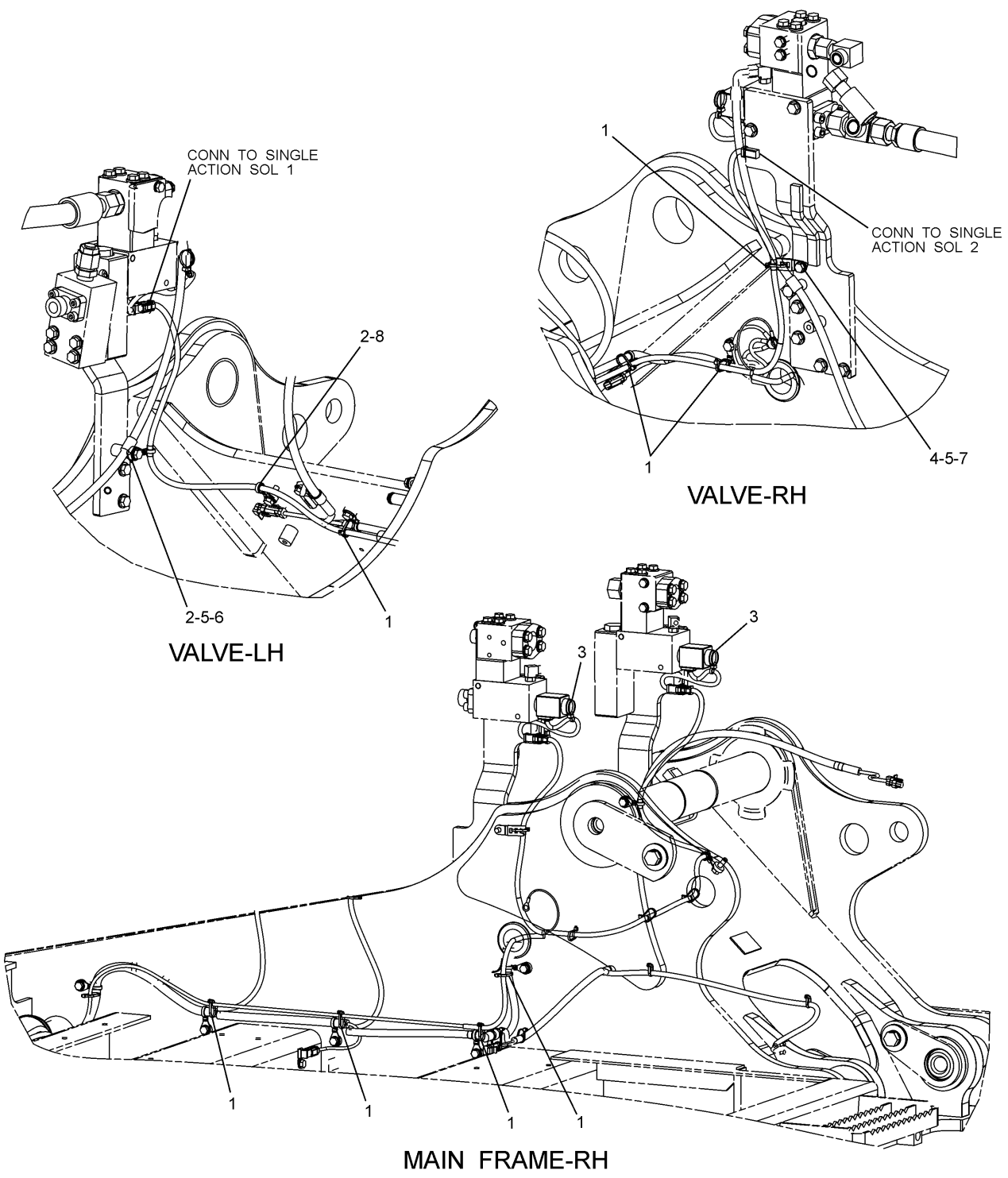
259-5045 WIRING GP (3/4)
Part of 259-7493-Page444,259-7495-Page445
An Attachment

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	8	STRAP					
	2	7K-1181	1	STRAP					
	3	132-5789	1	CLIP					
	4	156-6175	1	CLIP					
	5	8T-4121	1	WASHER					
	6	8T-4171	1	BOLT (L=12mm)					
	7	8T-4191	1	BOLT (L=16mm)					
	8	9X-8256	1	WASHER					

H95938E 01

259-5045 WIRING GP (3/4)
Part of 259-7493-Page444,259-7495-Page445
An Attachment



H95939E 01

259–5045 WIRING GP (4/4)
Part of 259–7493–Page444,259–7495–Page445
An Attachment

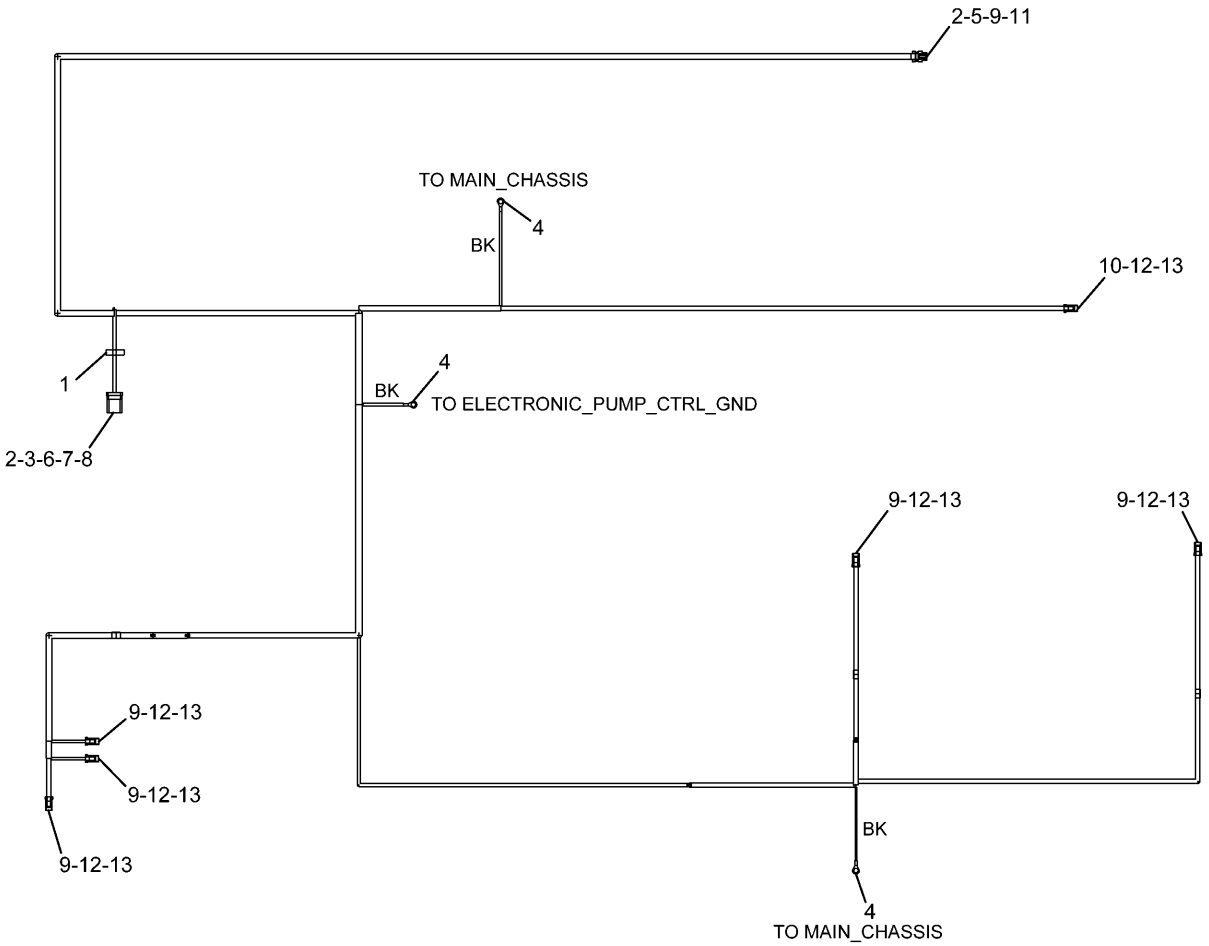
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	8	STRAP					
	2	111-4836	2	CLIP					
	3	204-1611	2	STRAP					
	4	4P-7581	1	CLIP					
	5	8T-4121	2	WASHER					
	6	8T-4137	1	BOLT (L=20mm)					
	7	8T-4191	1	BOLT (L=16mm)					
	8	8T-4195	1	BOLT (L=30mm)					

H95939E 01

259-5045 WIRING GP (4/4)
Part of 259-7493-Page444,259-7495-Page445
An Attachment

ELECTRICAL AND STARTING SYSTEM

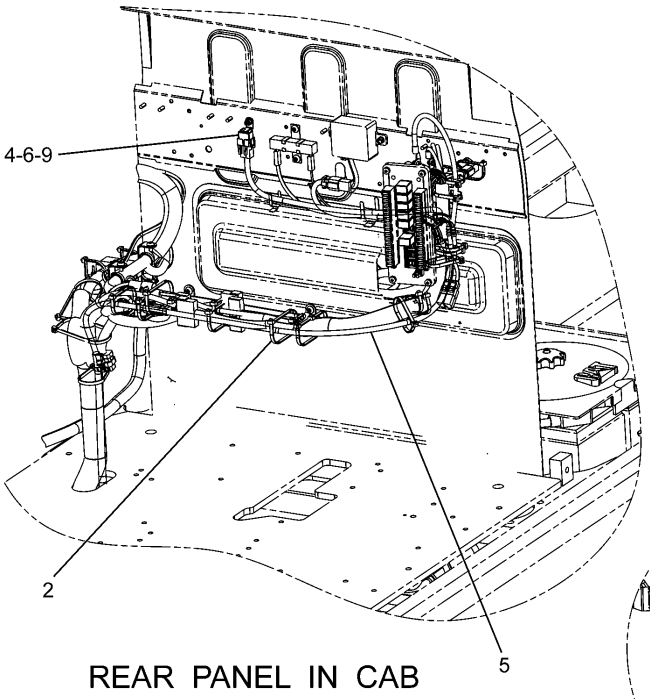


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	1	STRAP					
	2	8T-8737	9	PLUG					
	3	243-4510	1	RECEPTACLE AS					
	4	2L-8079	3	TERMINAL					
	5	230-5010	1	PLUG AS					
	6	186-3735	2	PIN					
	7	9W-0852	1	PIN					
	8	9X-3401	1	PIN					
	9	186-3736	14	SOCKET					
	10	126-1768	2	SOCKET					
	11	9W-0844	1	SOCKET					
	12	155-2270	6	PLUG KIT					
	13	155-2261	6	WEDGE					

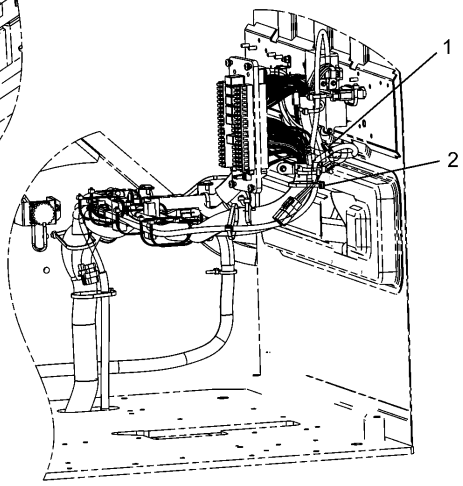
H89971E 00

267-7636 HARNESS AS
Part of 259-5045-Page163
An Attachment

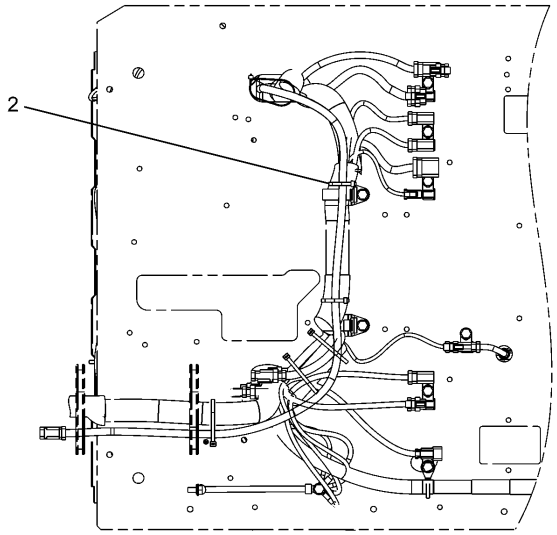
MEMORANDA



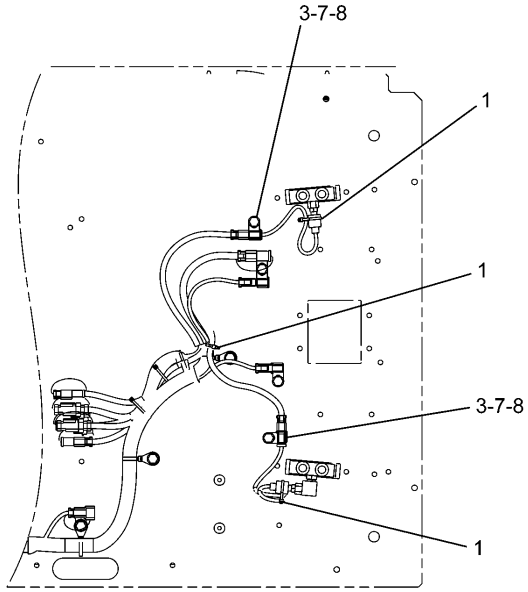
REAR PANEL IN CAB



CAB LH SIDE



BOTTOM VIEW OF PLATFORM



BOTTOM VIEW OF PLATFORM
(FOR MEDIUM PRESSURE LINES)

H90096E 00

251-0529 WIRING GP-CAB
Part of 259-7493-Page444,259-7495-Page445
251-0598-Page172
An Attachment

ELECTRICAL AND STARTING SYSTEM

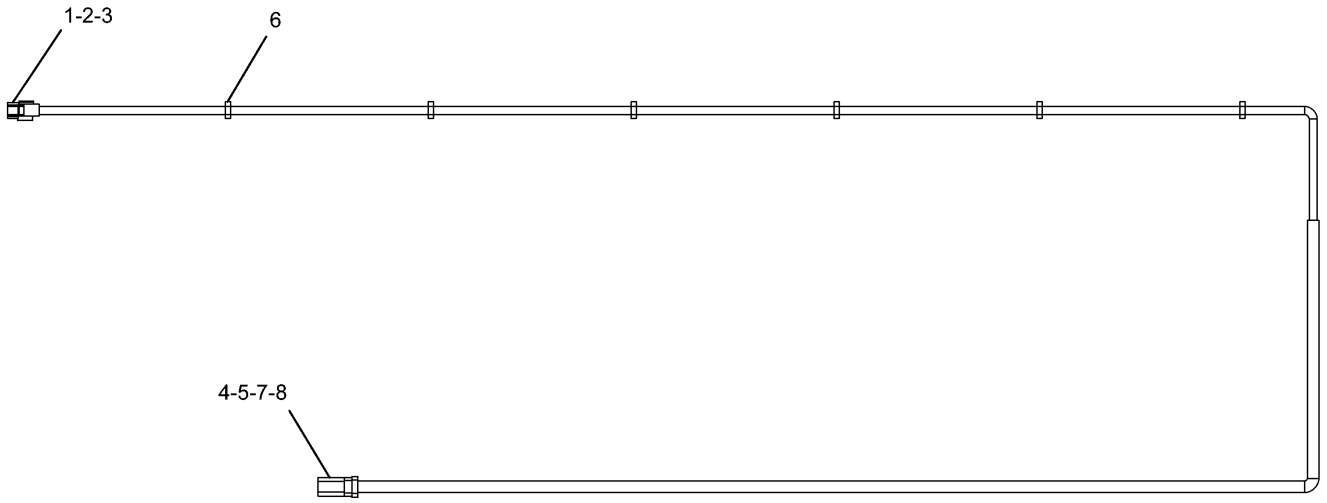
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	4	STRAP					
	2	7K-1181	8	STRAP					
	3	116-0118	2	CLIP					
	4	149-5050	1	RELAY					
Y	5	251-0598	1	HARNESS AS					
	6	5C-2890	1	NUT					
	7	7X-2621	2	BOLT (L=12mm)					
	8	8T-4121	2	WASHER					
	9	9X-8256	1	WASHER					

Y—SEE SEPARATE ILLUSTRATION

H90096E 00

251-0529 WIRING GP-CAB

Part of 259-7493-Page444,259-7495-Page445
251-0598-Page172
An Attachment

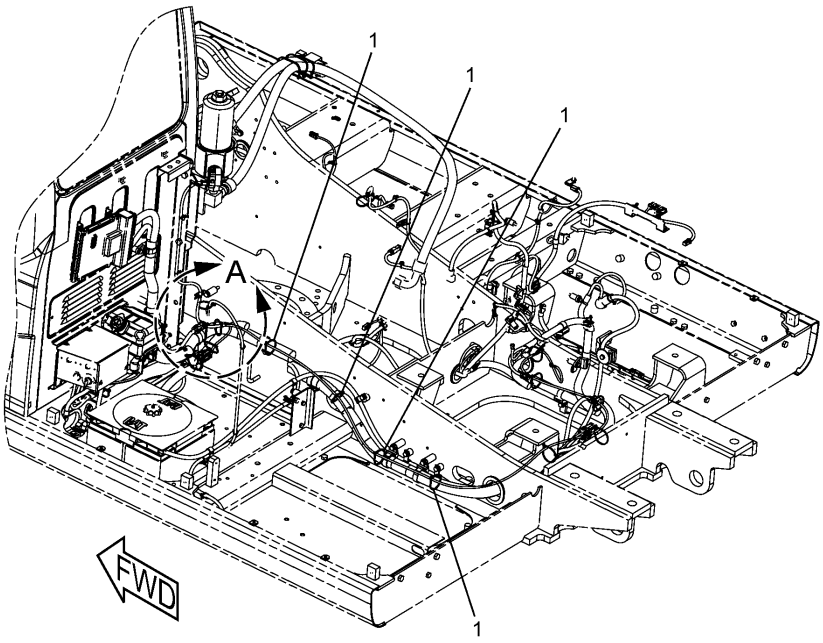


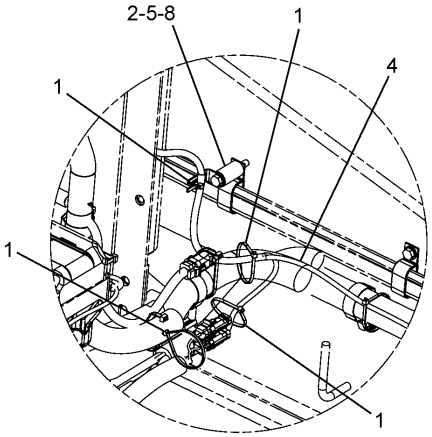
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	149-5051	1	CONNECTOR					
	2	149-5070	3	TERMINAL					
	3	149-5069	2	TERMINAL					
	4	186-3735	4	PIN					
	5	9W-0852	1	PIN					
	6	3S-2093	6	STRAP					
	7	8T-8737	1	PLUG					
	8	243-4508	1	RECEPTACLE AS					

H89436E 00

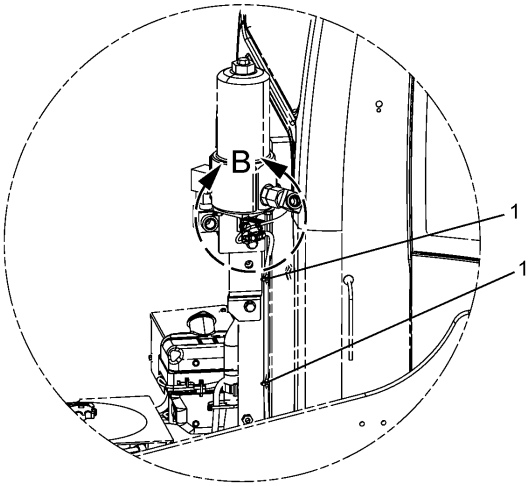
251-0598 HARNESS AS
Part of 251-0529-Page171
An Attachment

MEMORANDA

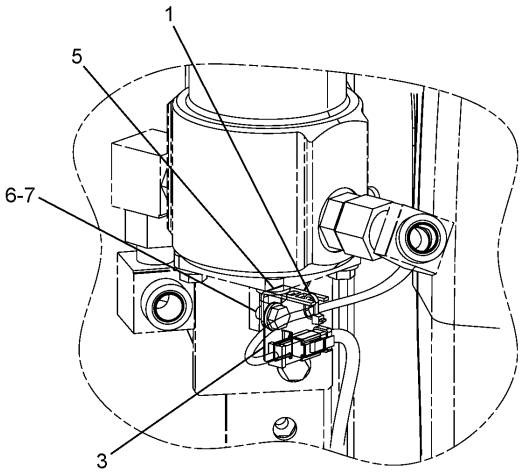




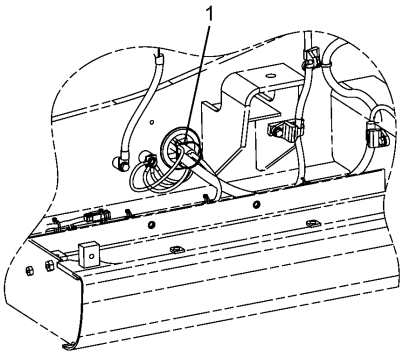
A



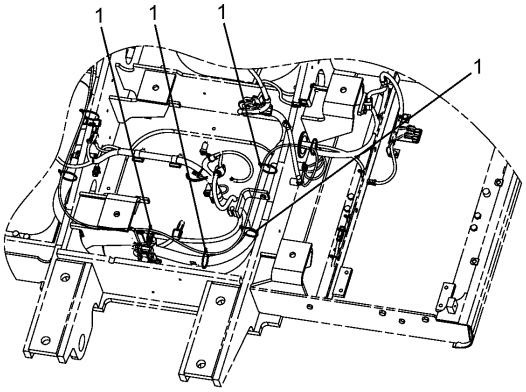
RETURN FILTER



B



PUMP ROOM



ENGINE ROOM

H89890E 01

259-5046 WIRING GP
Hammer Return Filter
Part of 247-7459-Page448
259-5344-Page183
An Attachment

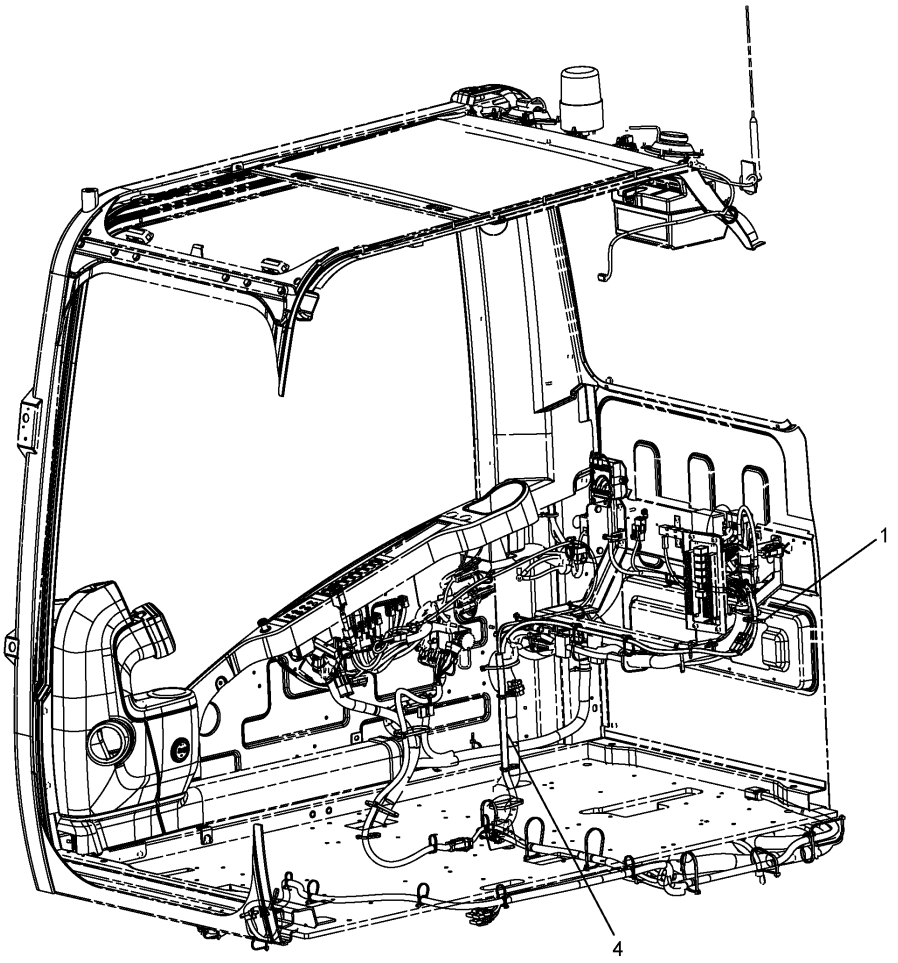
ELECTRICAL AND STARTING SYSTEM

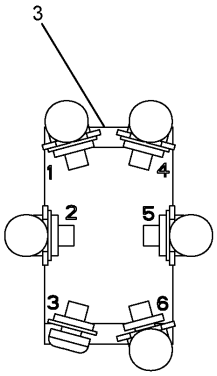
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	16	STRAP					
	2	4I-7889	1	SPACER					
	3	116-0118	1	CLIP					
Y	4	259-5344	1	HARNESS AS					
	5	132-5789	2	CLIP					
	6	8T-4121	1	WASHER					
	7	8T-4191	1	BOLT (L=16mm)					
	8	8T-5005	1	BOLT (L=70mm)					

Y—SEE SEPARATE ILLUSTRATION

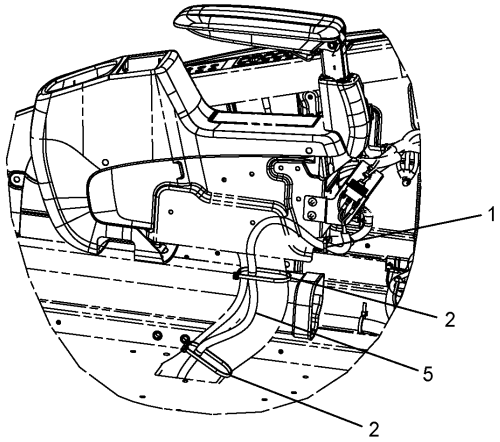
H89890E 01

259-5046 WIRING GP
Hammer Return Filter
Part of 247-7459-Page448
259-5344-Page183
An Attachment





DETAIL OF BACKUP CRANE SW



DETAIL OF CONSOLE-RH

H99612E 04

267-7891 WIRING GP-CAB (1/2)
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
275-6897-Page180,267-7955-Page182
An Attachment

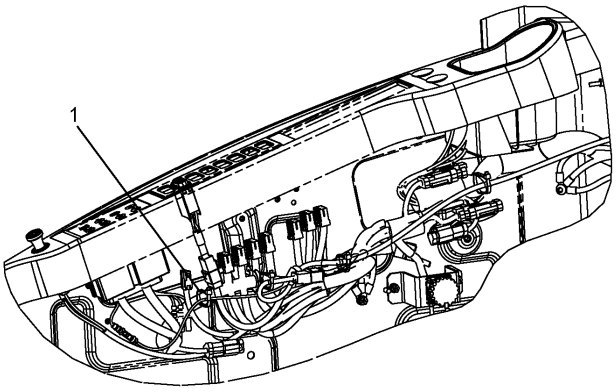
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	10	STRAP					
	2	7K-1181	2	STRAP					
	3	299-3040	1	SWITCH AS (BACKUP)					
Y	4	275-6897	1	HARNESS AS					
Y	5	267-7955	1	HARNESS AS					

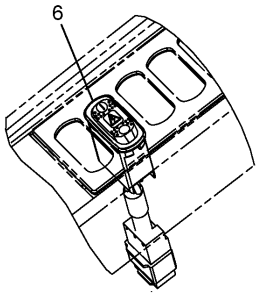
Y—SEE SEPARATE ILLUSTRATION

H99612E 04

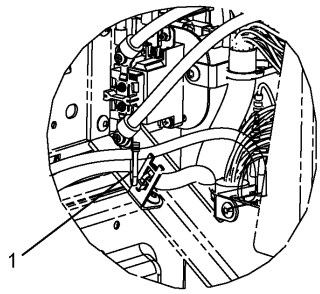
267-7891 WIRING GP-CAB (1/2)
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
275-6897-Page180,267-7955-Page182
An Attachment



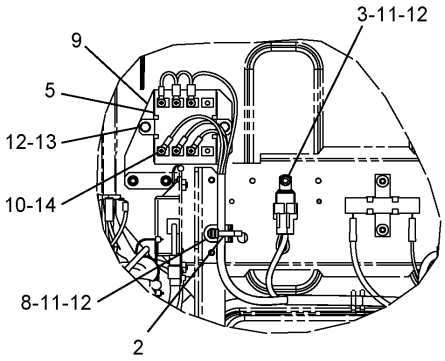
DETAIL OF CAB INSIDE



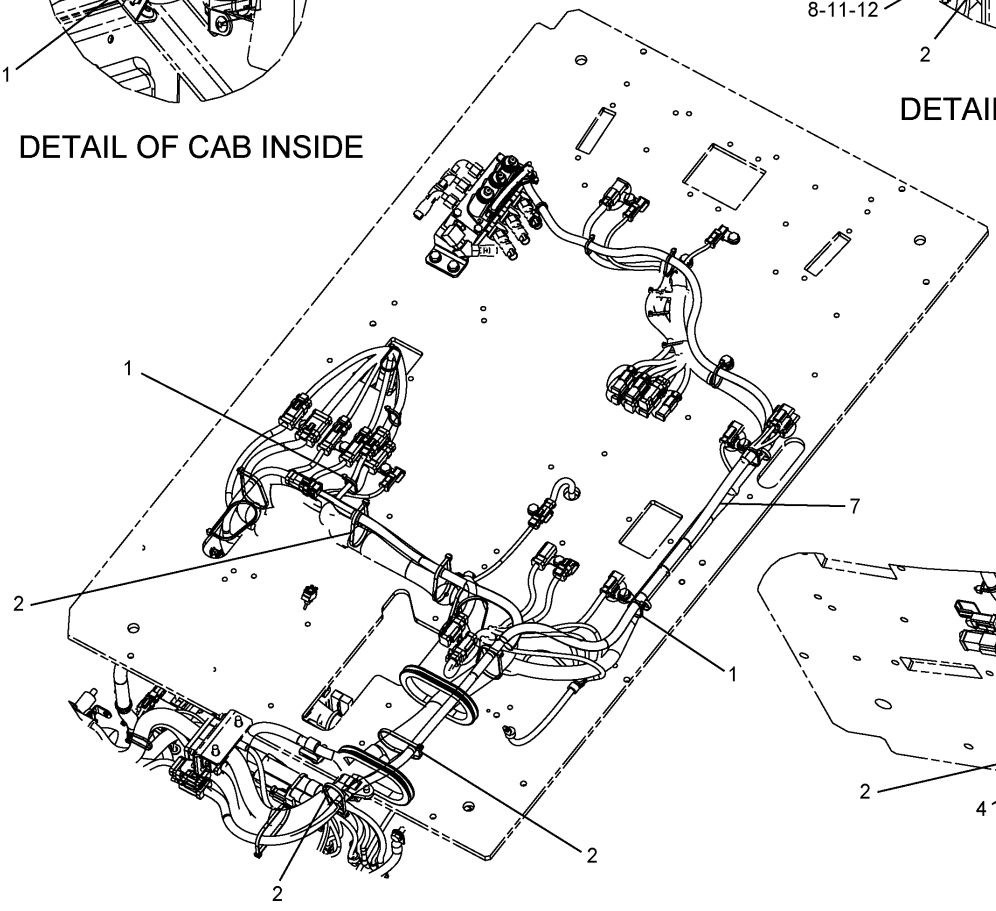
DETAIL OF CRANE CANCEL SW



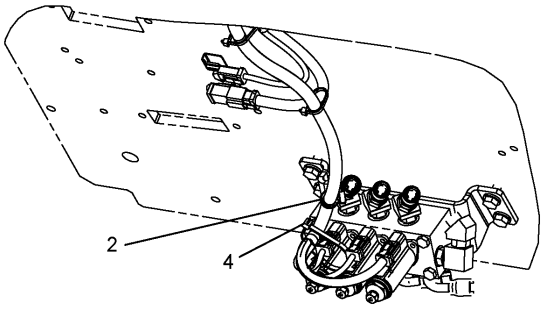
DETAIL OF CAB INSIDE



DETAIL OF CAB INSIDE



DETAIL OF PLATFORM



DETAIL OF VALVE

H99613E 04

267-7891 WIRING GP-CAB (2/2)
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
275-6896-Page181
An Attachment

ELECTRICAL AND STARTING SYSTEM

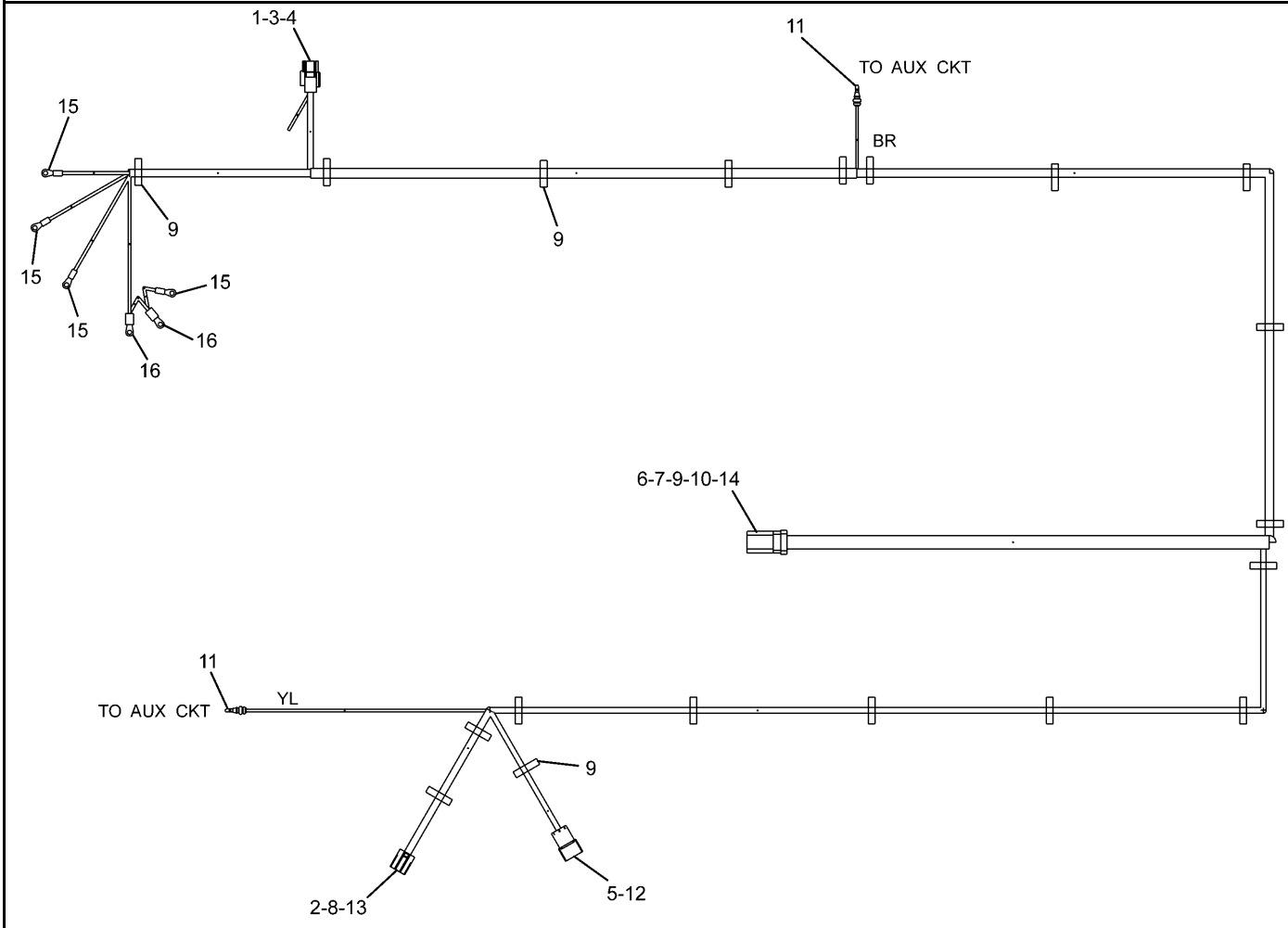
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	13	STRAP					
	2	7K-1181	10	STRAP					
	3	149-5050	1	RELAY					
	4	204-1611	1	STRAP					
	5	126-2941	1	RESISTOR AS					
	6	238-2219	1	SWITCH AS					
		167-3542	1	CONNECTOR					
		167-3543	4	TERMINAL					
Y	7	275-6896	1	HARNESS AS					
	8	156-6175	1	CLIP					
	9	275-6894	1	STRIP AS					
	10	095-0735	6	SCREW					
	11	5C-2890	2	NUT					
	12	9X-8256	4	WASHER					
	13	8T-4171	2	BOLT (L=12mm)					
	14	8T-0328	6	WASHER					

Y—SEE SEPARATE ILLUSTRATION

H99613E 04

267-7891 WIRING GP-CAB (2/2)
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
275-6896-Page181
An Attachment

ELECTRICAL AND STARTING SYSTEM



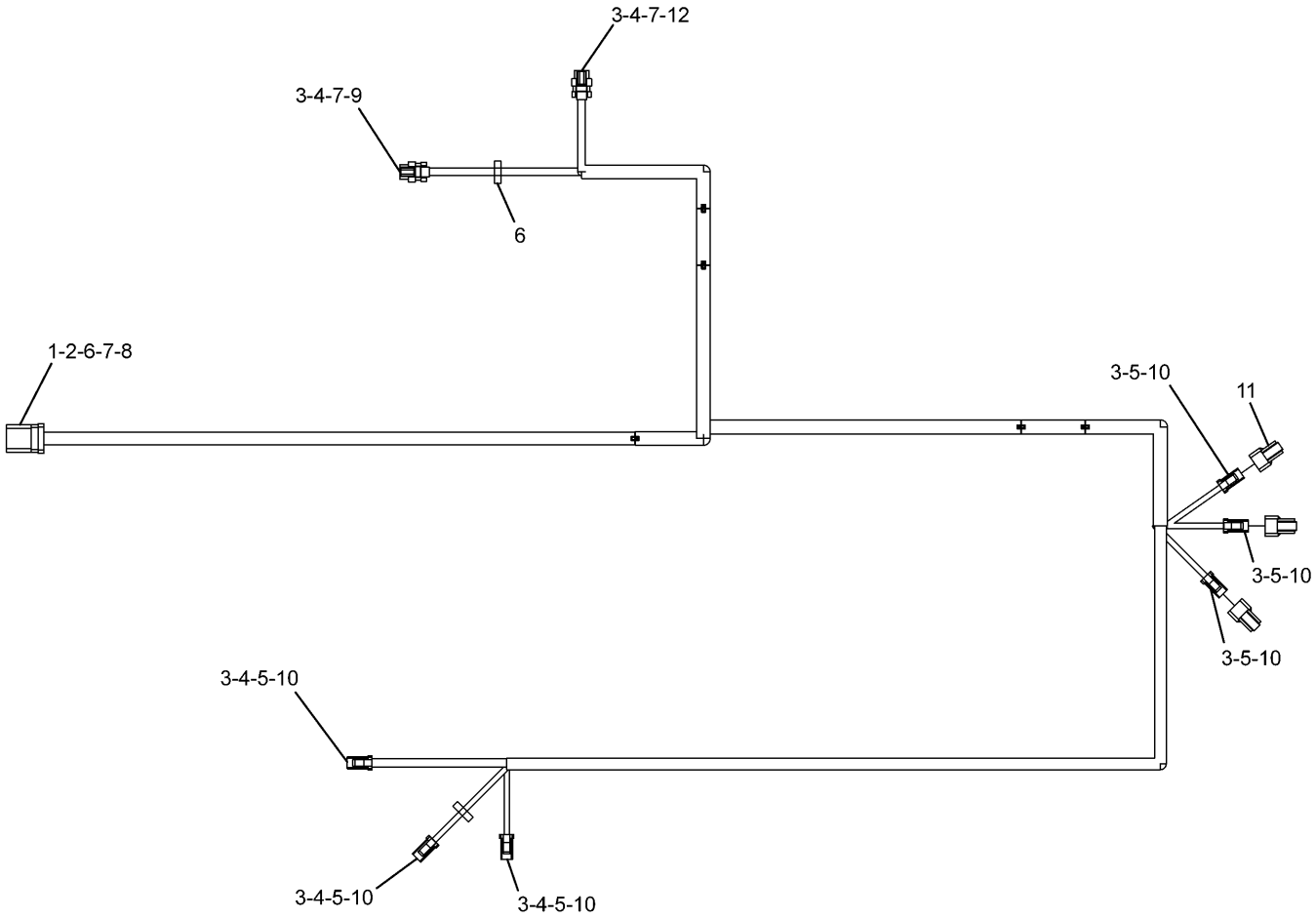
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	149-5051	1	CONNECTOR					
	2	102-7965	4	TERMINAL					
	3	149-5069	2	TERMINAL					
	4	149-5070	2	TERMINAL					
	5	121-1173	2	TERMINAL					
	6	9W-0852	4	PIN					
	7	186-3735	3	PIN					
	8	167-3487	1	WEDGE					
	9	3S-2093	19	STRAP					
	10	8T-8737	1	PLUG					
	11	7Y-3962	2	TERMINAL					
		7Y-3964	2	TUBE					
	12	167-3542	1	CONNECTOR					
	13	163-6803	1	CONNECTOR					
	14	243-4509	1	RECEPTACLE AS					
	15	2L-8076	4	TERMINAL					
	16	2L-8066	2	TERMINAL					

H99610E 01

275-6897 HARNESS AS

S/N BWZ 1-Up, DFB 1-Up
Part of 267-7891-Page177
An Attachment

ELECTRICAL AND STARTING SYSTEM

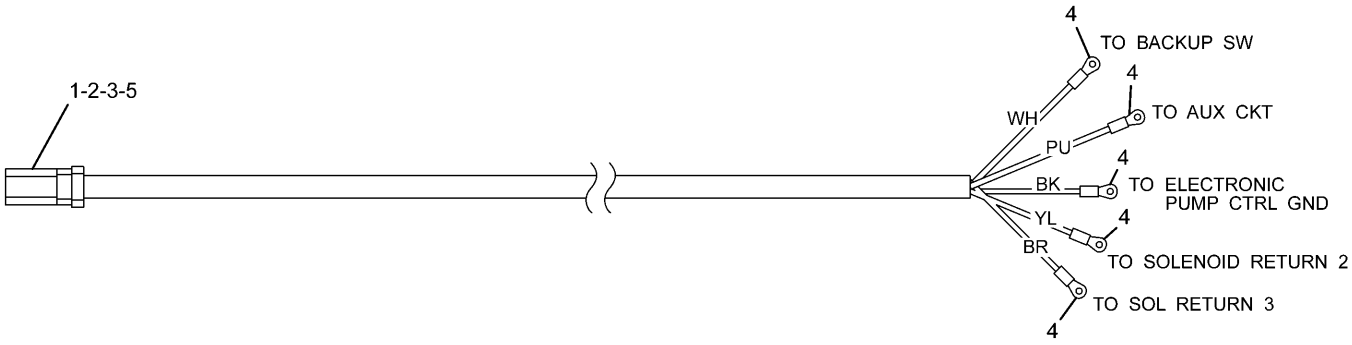


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9W-0852	5	PIN					
	2	186-3735	4	PIN					
	3	9W-0844	16	SOCKET					
	4	186-3736	8	SOCKET					
	5	155-2261	6	WEDGE					
	6	3S-2093	2	STRAP					
	7	8T-8737	5	PLUG					
	8	243-4510	1	RECEPTACLE AS					
	9	230-5010	1	PLUG AS					
	10	155-2270	6	PLUG KIT					
	11	197-4385	3	DIODE					
	12	231-2295	1	PLUG AS					

H91271E 00

275-6896 HARNESS AS

S/N BWZ 1-Up, DFB 1-Up
Part of 267-7891-Page179
An Attachment



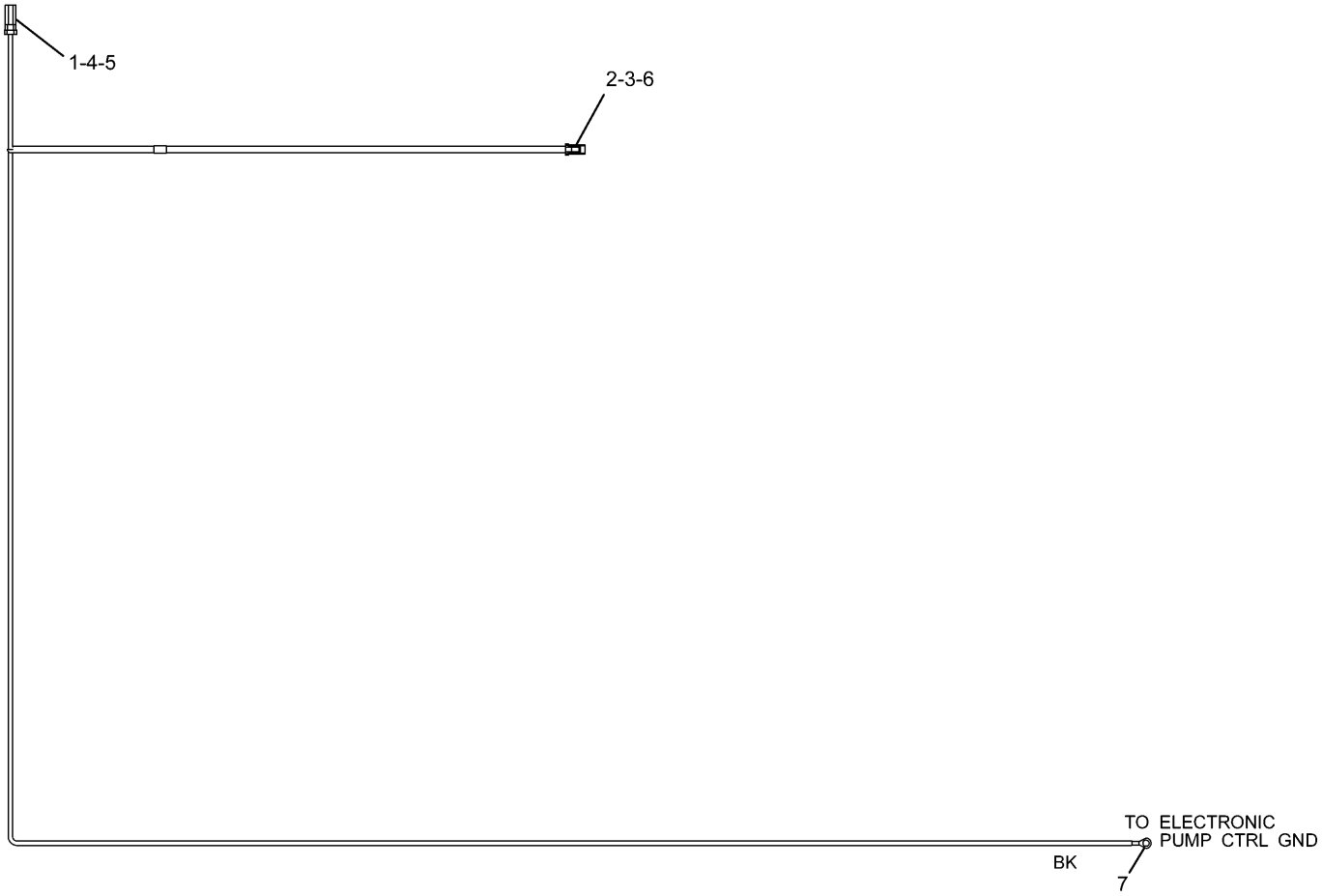
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	186-3735	3	PIN					
	2	9W-0852	2	PIN					
	3	8T-8737	1	PLUG					
	4	2L-8074	5	TERMINAL					
	5	243-4508	1	RECEPTACLE AS					

H99423E 01

267-7955 HARNESS AS

S/N BWZ 1-Up, DFB 1-Up
Part of 267-7891-Page177
An Attachment

ELECTRICAL AND STARTING SYSTEM

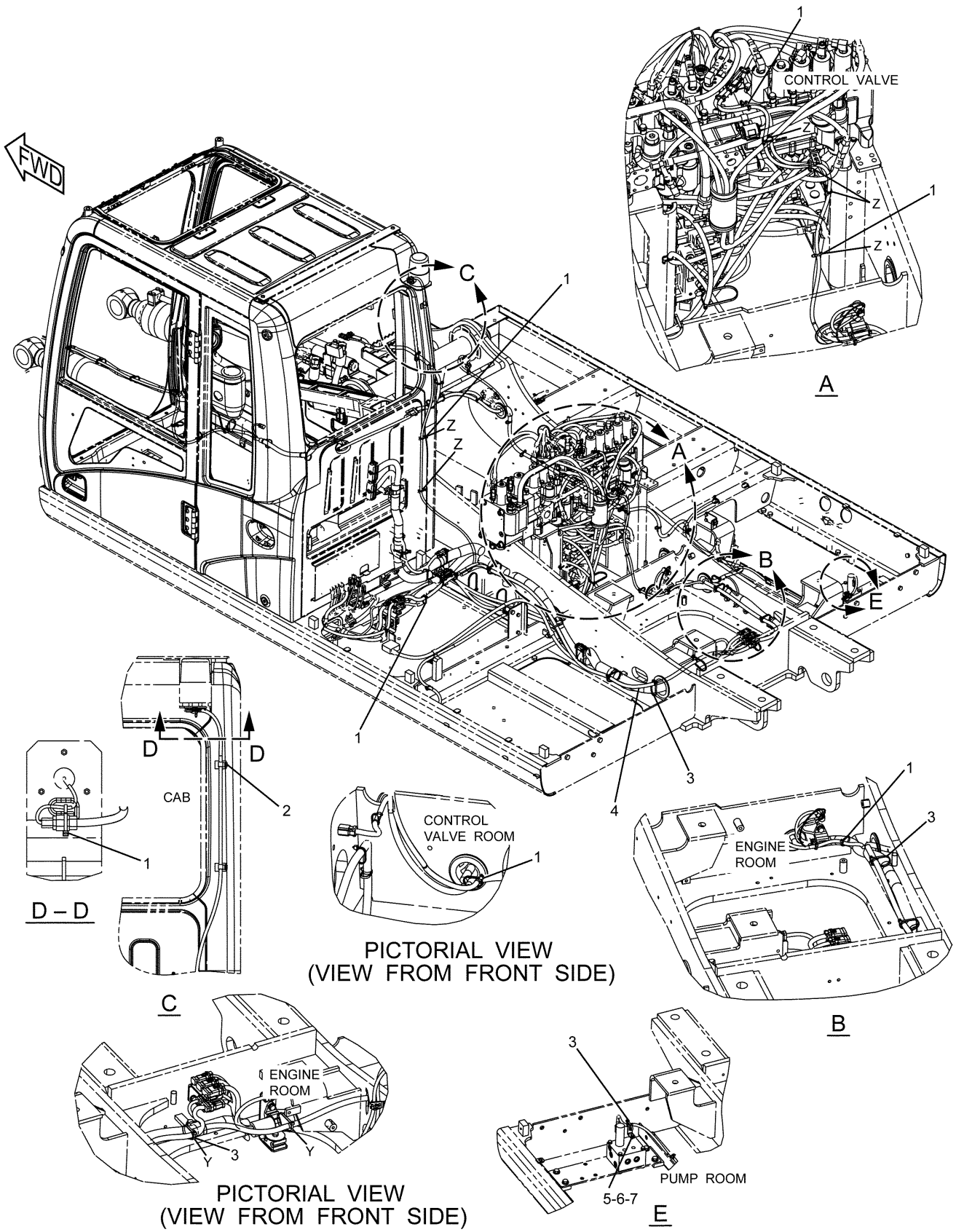


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9X-3401	1	PIN					
	2	126-1768	2	SOCKET					
	3	155-2261	1	WEDGE					
	4	8T-8737	1	PLUG					
	5	243-4505	1	RECEPTACLE AS					
	6	155-2270	1	PLUG KIT					
	7	2L-8079	1	TERMINAL					

H89883E 01

259-5344 HARNESS AS

Part of 259-5046-Page175
An Attachment



267-7890 WIRING GP-BOOM (1/2)
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
283-3042-Page188
An Attachment

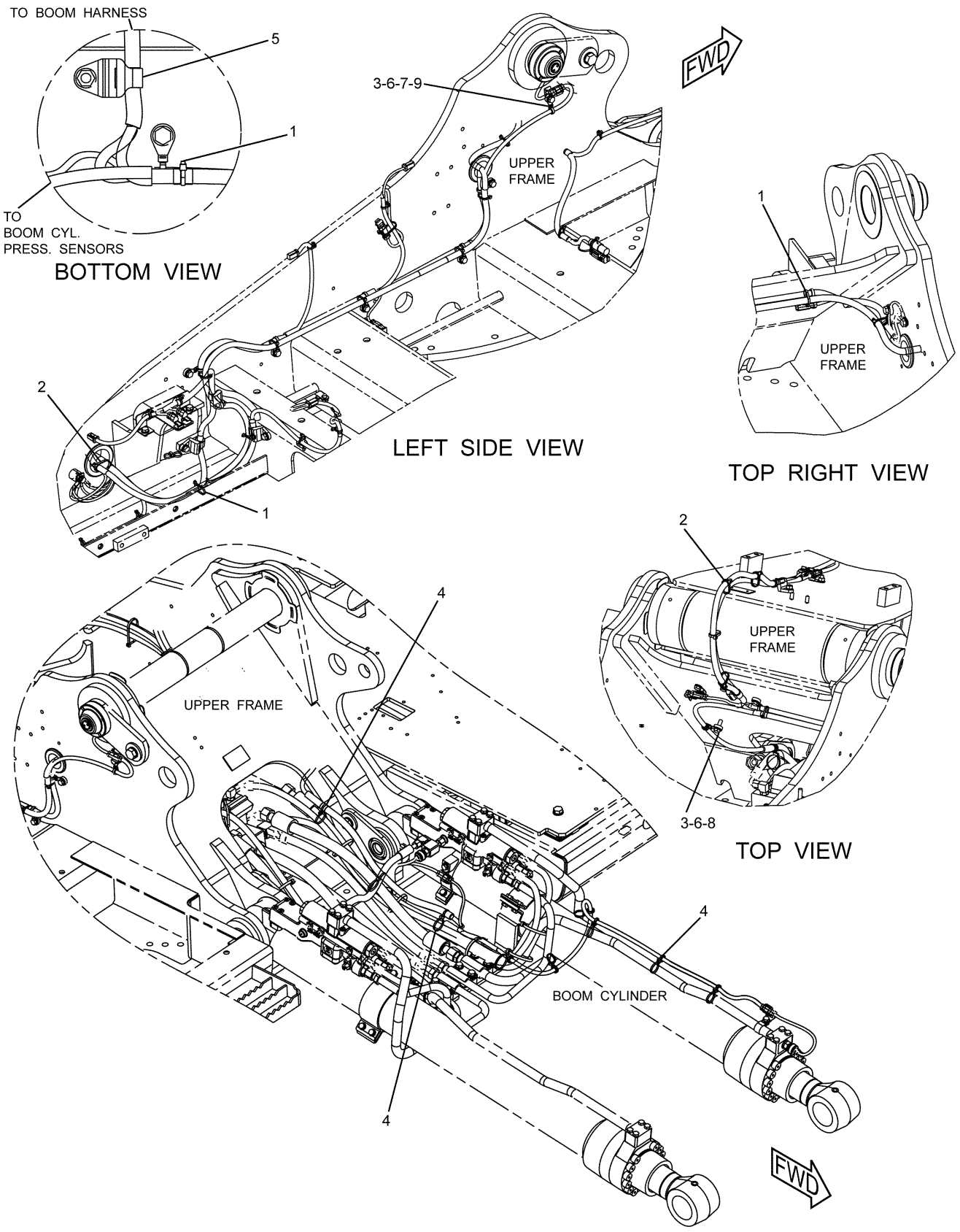
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	15	STRAP					
	2	5I-6959	2	CLAMP					
	3	7K-1181	10	STRAP					
Y	4	283-3042	1	HARNESS AS					
	5	156-6175	1	CLIP					
	6	8T-4171	1	BOLT (L=12mm)					
	7	9X-8256	1	WASHER					

Y—SEE SEPARATE ILLUSTRATION

H96106E 03

267-7890 WIRING GP-BOOM (1/2)
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
283-3042-Page188
An Attachment



267-7890 WIRING GP-BOOM (2/2)
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment

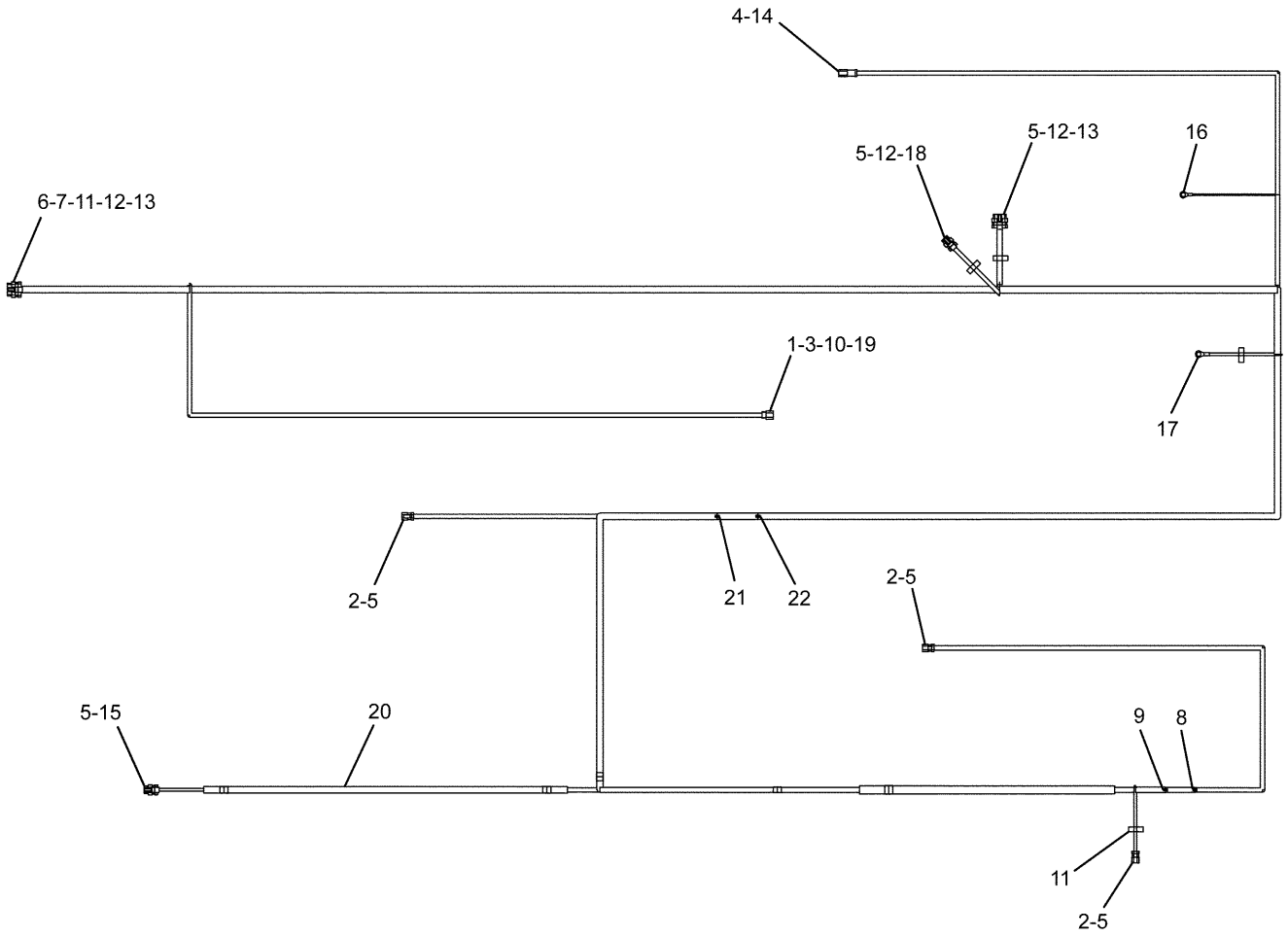
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	10	STRAP					
	2	7K-1181	5	STRAP					
	3	111-4836	2	CLIP					
	4	204-1611	9	STRAP					
	5	111-4837	1	CLIP					
	6	8T-4121	2	WASHER					
	7	8T-4137	1	BOLT (L=20mm)					
	8	8T-4195	1	BOLT (L=30mm)					
	9	116-0118	1	CLIP					

H96107E 03

267-7890 WIRING GP-BOOM (2/2)
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment

ELECTRICAL AND STARTING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	187-6417	1	CONNECTOR	E	21	125-7874		TUBE…(5cm)
	2	155-2260	3	PLUG KIT	E	22	125-7874		TUBE…(5cm)
	3	187-6421	2	TERMINAL					
	4	126-1767	2	PIN					
	5	126-1768	27	SOCKET					
	6	9W-0844	4	SOCKET					
	7	8T-8730	5	SOCKET					
E	8	125-7874		TUBE…(5cm)					
E	9	125-7875		TUBE…(5cm)					
	10	187-6422	1	WEDGE					
	11	3S-2093	4	STRAP					
	12	8T-8737	6	PLUG					
	13	230-4009	2	PLUG AS					
	14	102-8802	1	RECEPTACLE KIT					
	15	230-4013	1	PLUG AS					
	16	2L-8079	1	TERMINAL					
	17	2L-8069	1	TERMINAL					
	18	230-5010	1	PLUG AS					
	19	117-1878	2	SEAL					
E	20	103-2529		HOSE…(90cm)					

E—ORDER BY THE CENTIMETER

H96355E 01

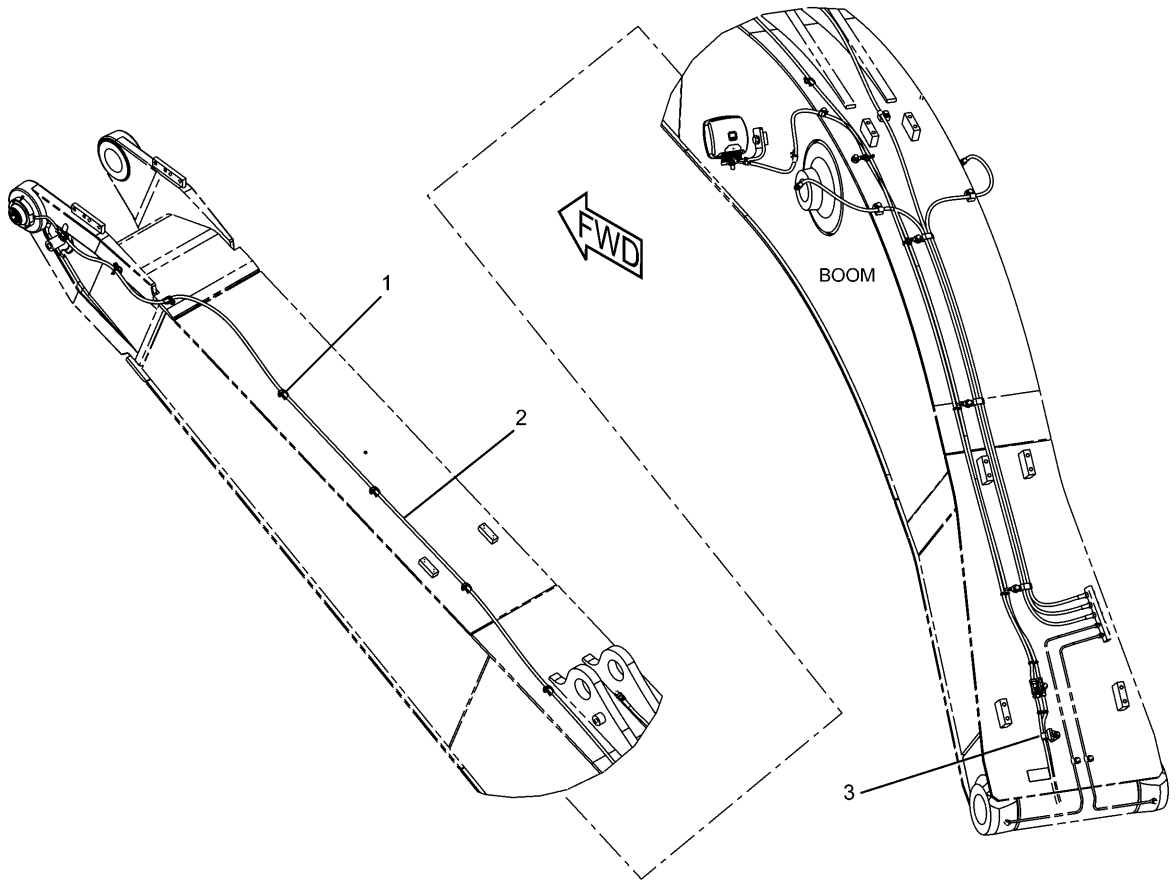
283-3042 HARNESS AS

S/N BWZ 1-Up, DFB 1-Up

Part of 267-7890-Page185

An Attachment

ELECTRICAL AND STARTING SYSTEM



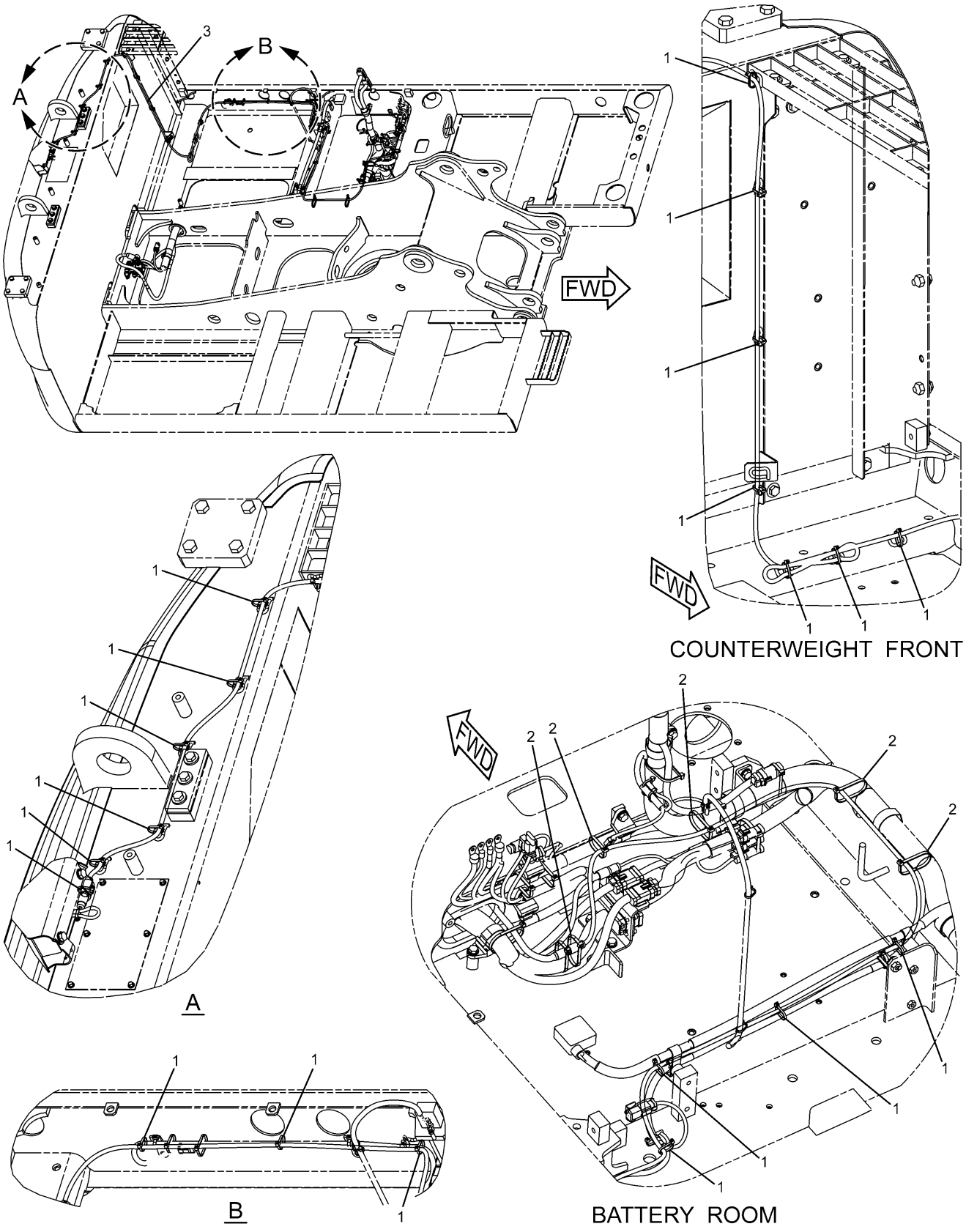
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	13	STRAP					
	2	267-7925	1	HARNESS AS					
		155-2260	1	PLUG KIT					
		9X-3401	3	PIN					
		126-1768	3	SOCKET					
		243-4506	1	RECEPTACLE AS					
	3	111-4837	1	CLIP					

H90021E 00

267-7924 WIRING GP-BOOM

S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment

ELECTRICAL AND STARTING SYSTEM



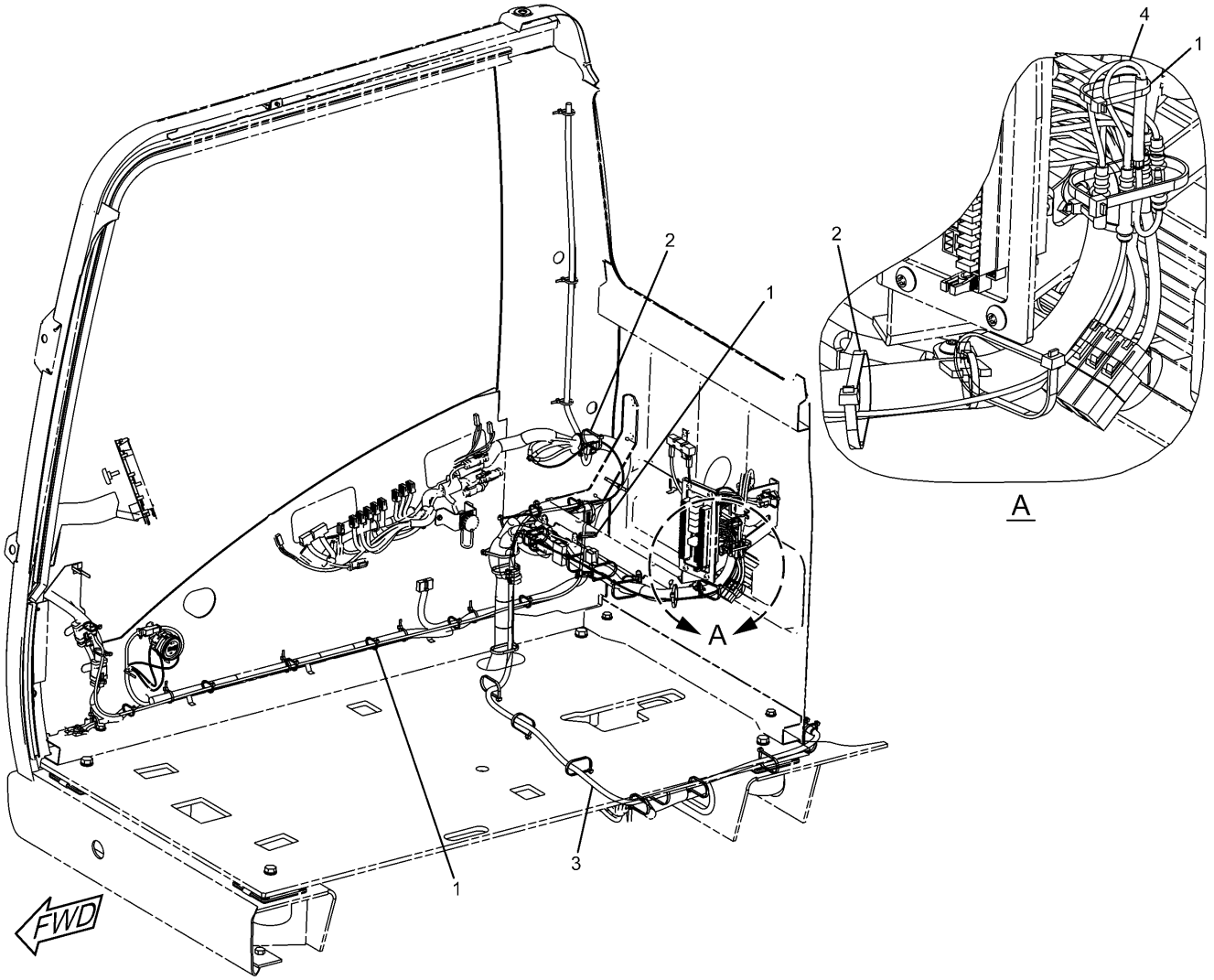
324-5774 WIRING GP
S/N BWZ 1-Up, DFB 1-Up
Part of 314-3740-Page665.05
An Attachment

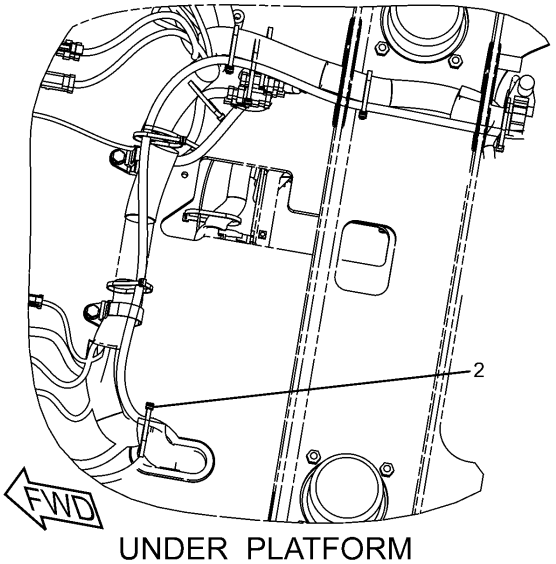
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	20	STRAP					
	2	7K-1181	5	STRAP					
	3	268-8643	1	CABLE AS					

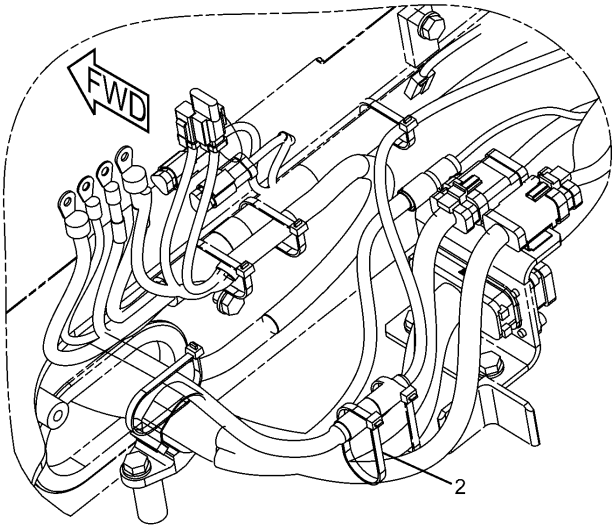
HA0816E 00

324-5774 WIRING GP
S/N BWZ 1-Up, DFB 1-Up
Part of 314-3740-Page665.05
An Attachment





UNDER PLATFORM



BATTERY ROOM

HA0790E 00

328-0048 WIRING GP-CAB
S/N BWZ 1-Up, DFB 1-Up
Part of 314-3740-Page665.05
327-9998-Page189.05
An Attachment

ELECTRICAL AND STARTING SYSTEM

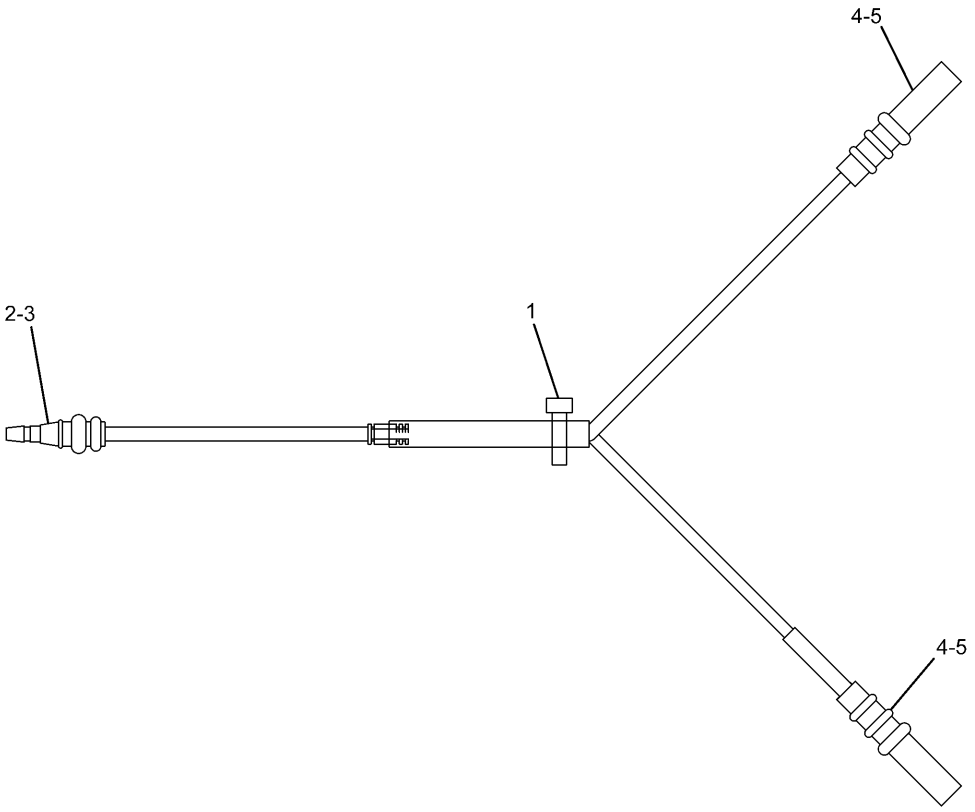
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	13	STRAP					
	2	7K-1181	16	STRAP					
	3	306-8590	1	HARNESS AS					
Y	4	327-9998	1	HARNESS AS					

Y—SEE SEPARATE ILLUSTRATION

HA0790E 00

328-0048 WIRING GP-CAB
S/N BWZ 1-Up, DFB 1-Up
Part of 314-3740-Page665.05
327-9998-Page189.05
An Attachment

ELECTRICAL AND STARTING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	1	STRAP					
	2	7Y-3962	1	TERMINAL					
	3	7Y-3964	1	TUBE					
	4	7Y-3963	2	TERMINAL					
	5	7Y-3965	2	TUBE					

HA0795E 00

327-9998 HARNESS AS

S/N BWZ 1-Up, DFB 1-Up
Part of 328-0048-Page189.04
An Attachment

MEMORANDA

ELECTRICAL AND STARTING SYSTEM

Consists of :

Page

1 309-5793 MONITOR GP-OPERATOR

H98819E 07

221-8861 ELECTRONICS GP

Consists of :

Page

1 309-5757 CONTROL GP-ELECTRONIC 192

H98011E 02

270-5512 ELECTRONICS GP

Consists of :

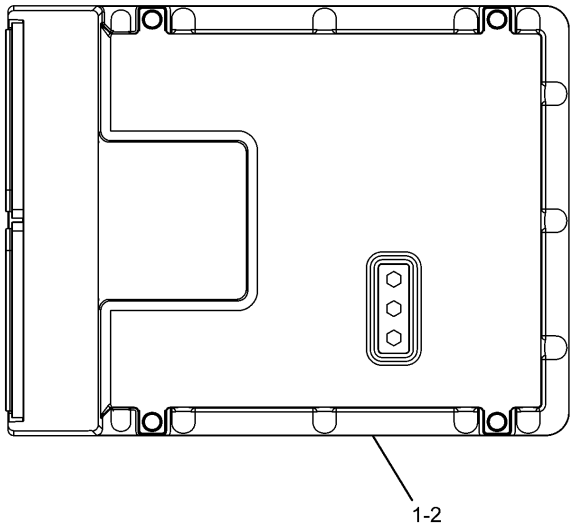
Page

1 309-5707 CONTROL GP-ELECTRONIC 192

H97306E 10

270-5497 ELECTRONICS GP

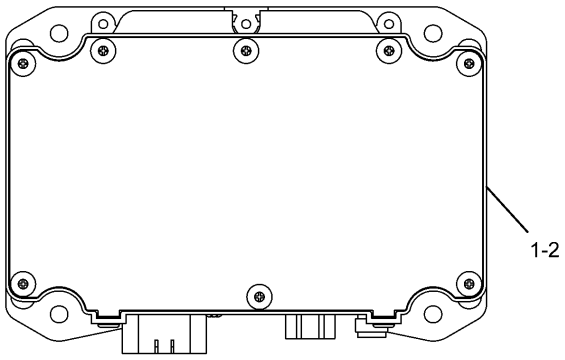
Product Link Japan
Part of 275-3668-Page195
An Attachment



NOTE	No.	PART No.	QTY	PART NAME
	1	221-8874	1	CONTROL GP
	2	309-5756	1	SOFTWARE GP

H98012E 00

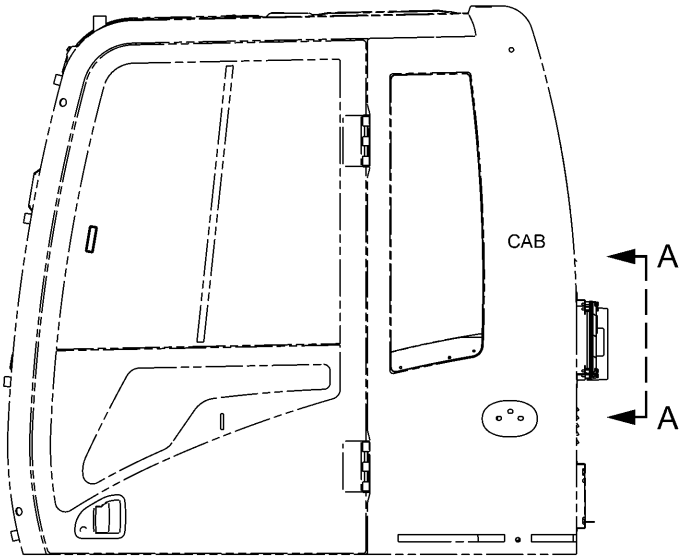
309-5757 CONTROL GP-ELECTRONIC
Part of 270-5512-Page191



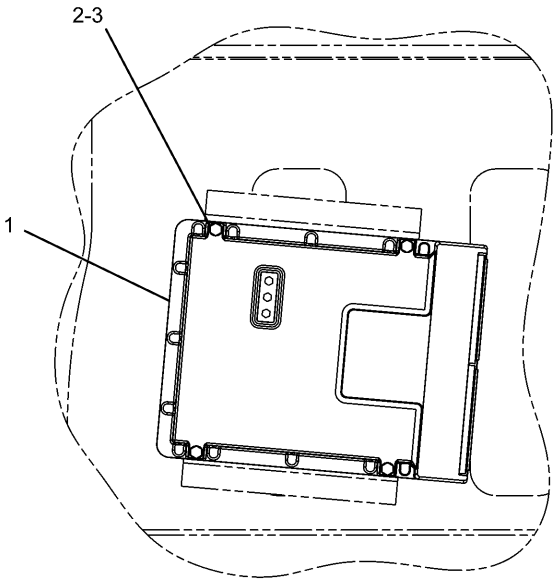
NOTE	No.	PART No.	QTY	PART NAME
	1	309-5706	1	CONTROL GP
	2	309-5705	1	SOFTWARE GP

H97307E 00

309-5707 CONTROL GP-ELECTRONIC
Product Link Japan
Part of 270-5497-Page191
An Attachment



LEFT SIDE VIEW

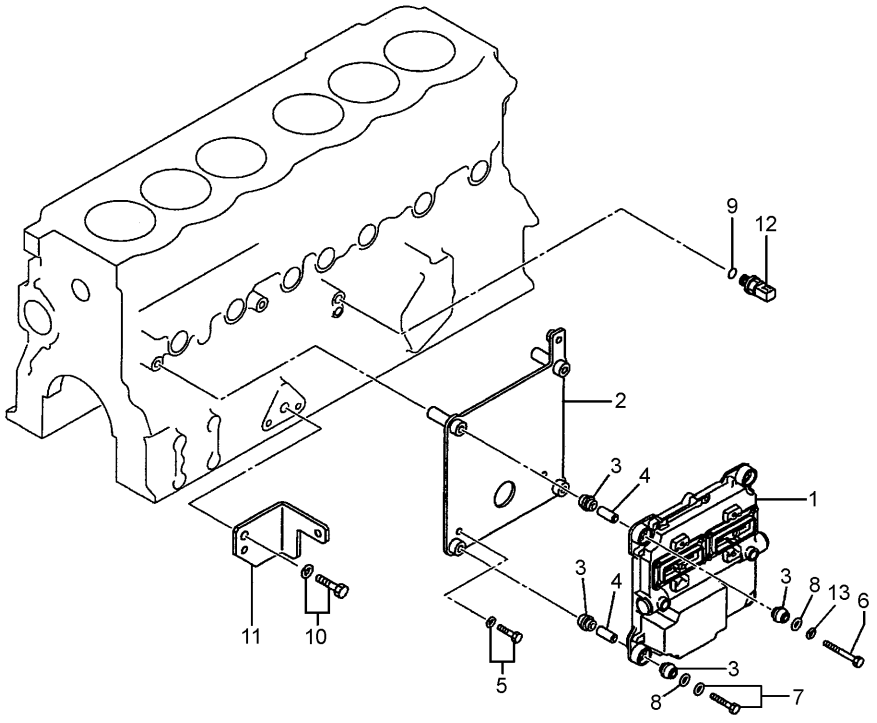


A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	221-8874	1	CONTROL GP					
	2	9X-2480	4	BOLT (L=45mm)					
	3	9X-8256	4	WASHER					

H88912E 01

221-8872 CONTROL & MTG GP-ELECTRONIC



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	286-3683	1	CONTROL GP					
	2	296-4632	1	BRACKET					
	3	155-0576	8	MOUNT					
	4	61-1418	4	SPACER					
	5	294-1775	2	BOLT AS					
	6	178-6577	2	BOLT (L=100mm)					
	7	270-6259	2	BOLT AS					
	8	195-8497	4	WASHER					
	9	294-1804	1	SEAL-O-RING					
	10	51-5597	1	BOLT AS					
	11	296-4635	1	BRACKET					
	12	274-6721	2	SENSOR GP					
	13	095-8638	2	WASHER					

H96488E 01

296-4664 CONTROL & MTG GP-ELECTRONIC
Part of 272-4677-Page16

ELECTRICAL AND STARTING SYSTEM

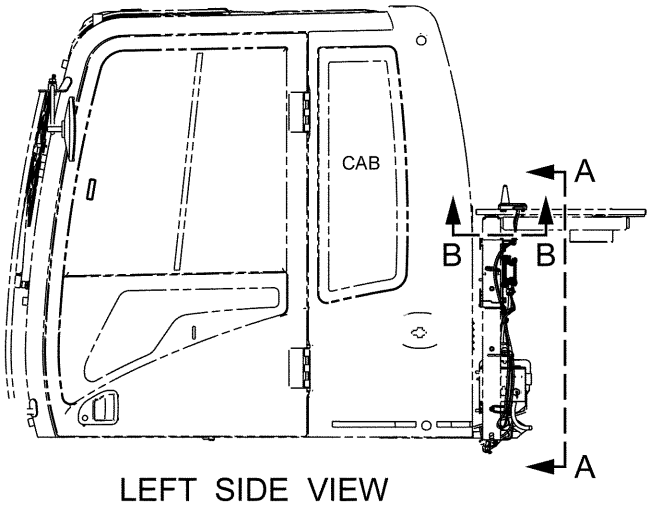
Consists of :

			Page
1	270-5528	MOUNTING GP	196
1	275-6783	WIRING GP	154
1	278-3561	COVER GP	253
1	270-5497	ELECTRONICS GP	191

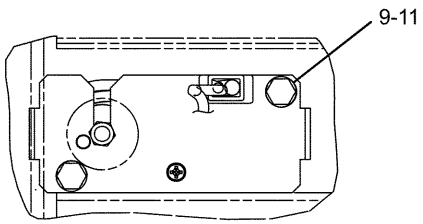
H91769E 01

275-3668 CONTROL AR
Product Link Japan
An Attachment

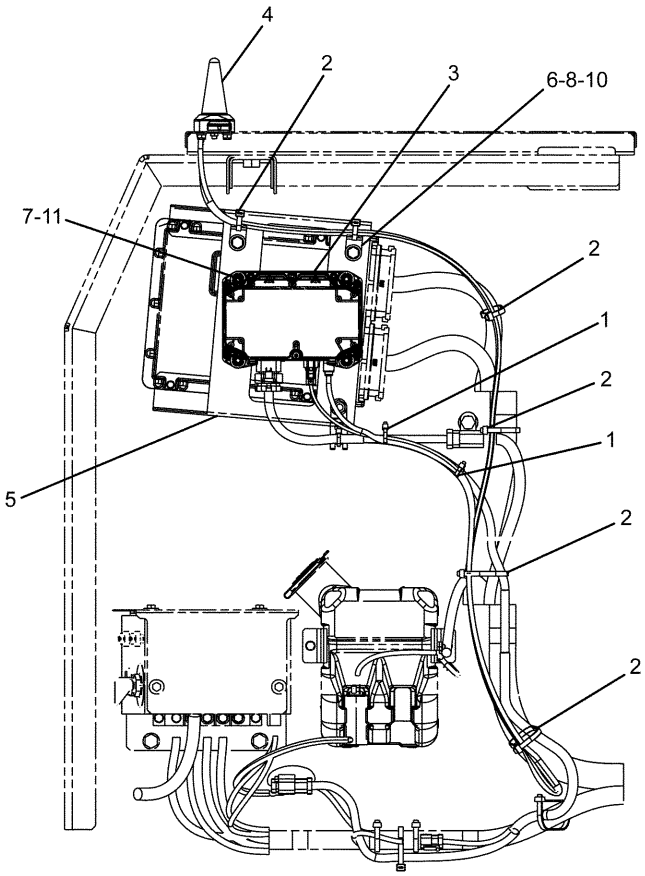
ELECTRICAL AND STARTING SYSTEM



LEFT SIDE VIEW



B – B



A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	2	STRAP					
	2	7K-1181	6	STRAP					
	3	309-5706	1	CONTROL GP					
	4	270-5501	1	ANTENNA AS					
	5	270-5526	1	BRACKET AS					
	6	132-5789	2	CLIP					
	7	3T-0849	4	BOLT (L=25mm)					
	8	7X-2536	2	BOLT (L=14mm)					
	9	8T-4171	2	BOLT (L=12mm)					
	10	8T-4224	2	WASHER					
	11	9X-8256	6	WASHER					

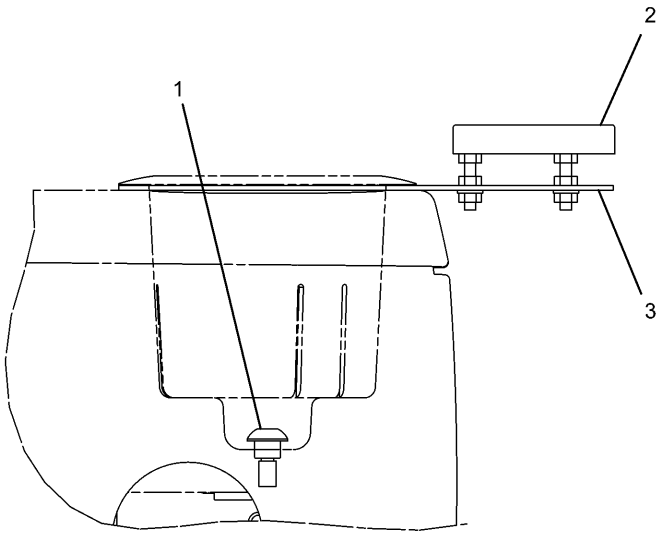
H97212E 03

270-5528 MOUNTING GP

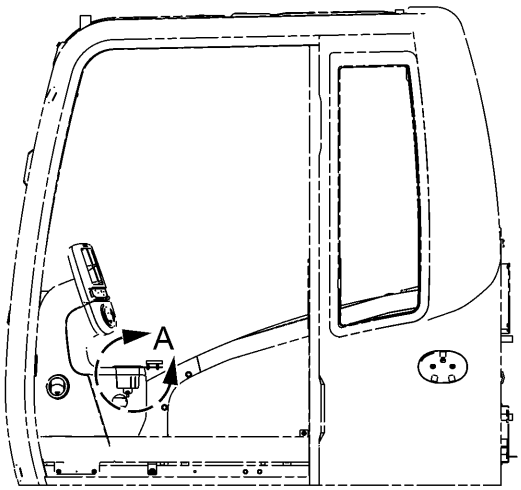
Product Link Japan

Part of 275-3668-Page195

An Attachment



A

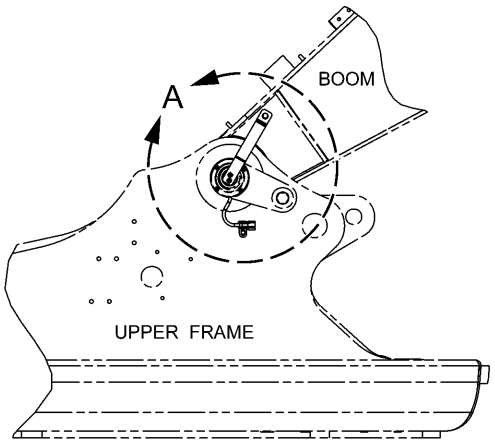


LEFT SIDE VIEW

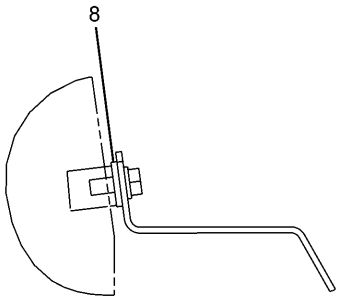
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	128-2136	1	SCREW					
	2	186-3792	1	TILT					
	3	257-2943	1	PLATE					

H89960E 00

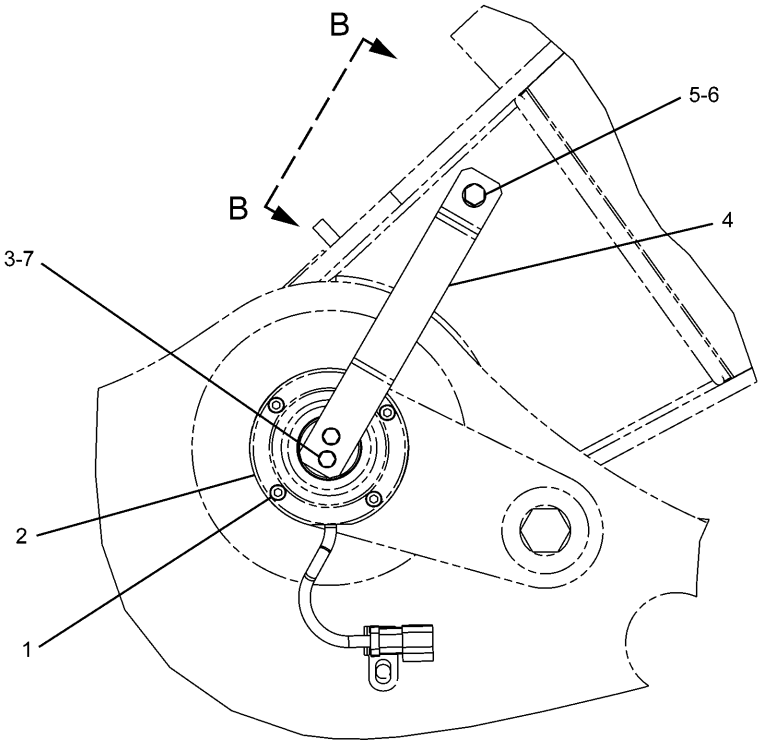
257-2929 SENSOR GP-LEVEL
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment



RIGHT SIDE VIEW



B – B



A

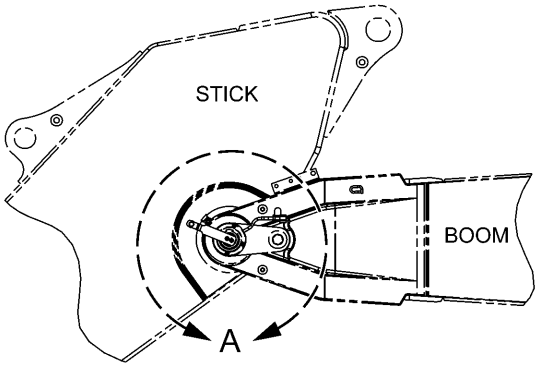
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9X-2328	4	BOLT (L=25mm)					
	2	120-0044	1	SENSOR AS					
		102-8803	1	RECEPTACLE KIT					
		186-3735	3	PIN					
	3	134-7721	2	BOLT (L=12mm)					
	4	257-2932	1	LEVER					
	5	134-7722	1	BOLT (L=16mm)					
	6	8T-4224	1	WASHER					
	7	9X-8256	2	WASHER					
B	8	5P-1076	2	WASHER					
B		5P-4116	2	WASHER					

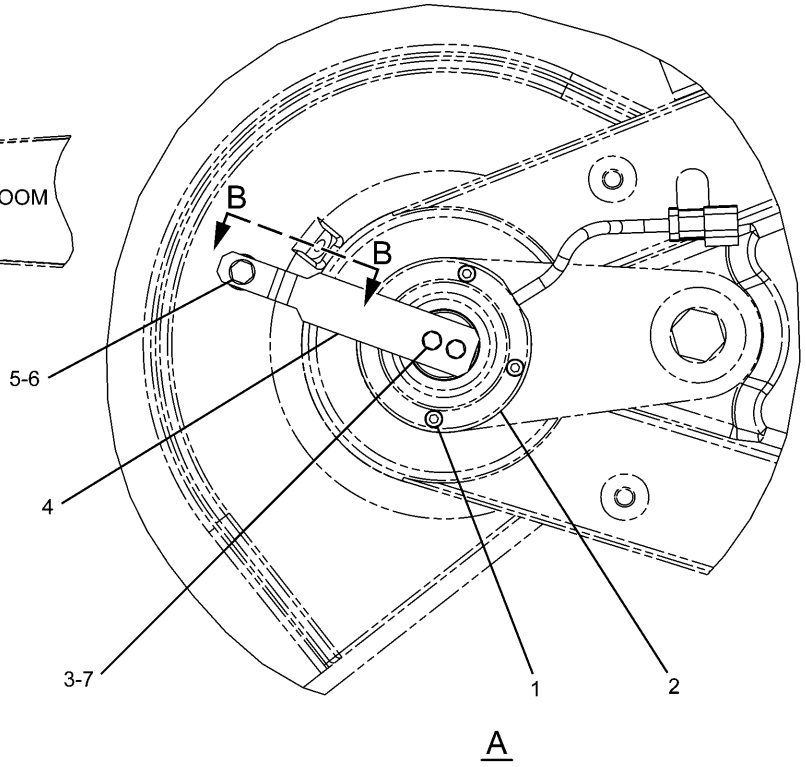
B—USE AS REQUIRED

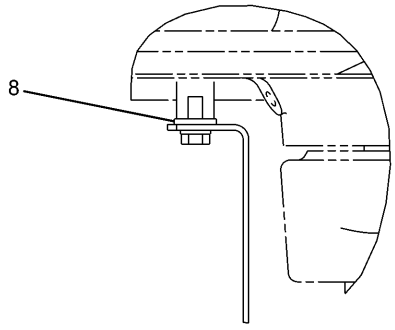
H91772E 01

257-2927 SENSOR & MOUNTING GP
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment

ELECTRICAL AND STARTING SYSTEM







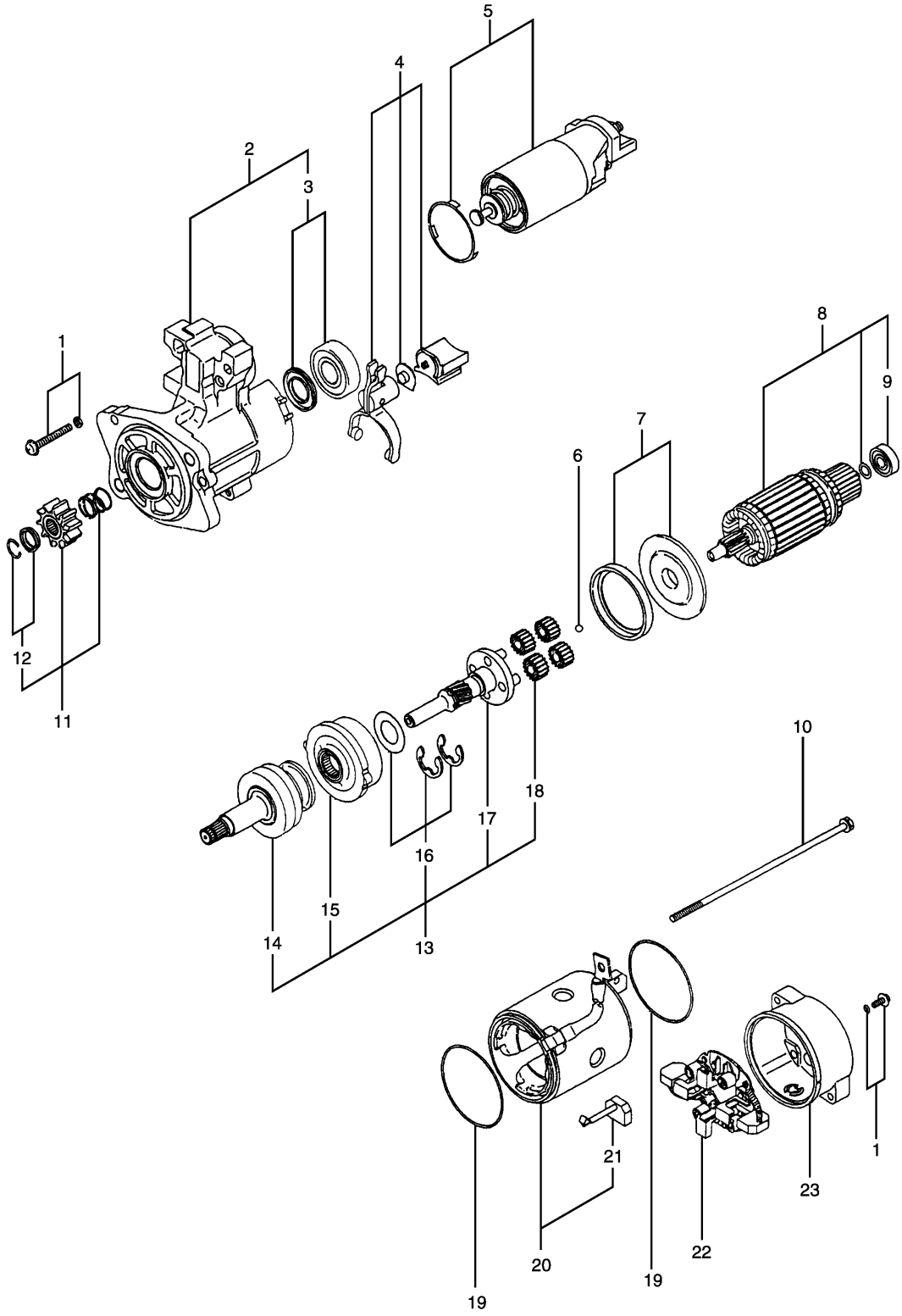
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9X-2328	4	BOLT (L=25mm)					
	2	120-0044	1	SENSOR AS					
		102-8803	1	RECEPTACLE KIT					
		186-3735	3	PIN					
	3	134-7721	2	BOLT (L=12mm)					
	4	257-2933	1	LEVER					
	5	134-7722	1	BOLT (L=16mm)					
	6	8T-4224	1	WASHER					
	7	9X-8256	2	WASHER					
B	8	5P-1076	2	WASHER					
B		5P-4116	2	WASHER					

B—USE AS REQUIRED

H91771E 01

257-2928 SENSOR & MOUNTING GP

S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment



H98079E 01

272-4774 STARTING MOTOR GP-ELECTRIC
Part of 296-4637-Page203

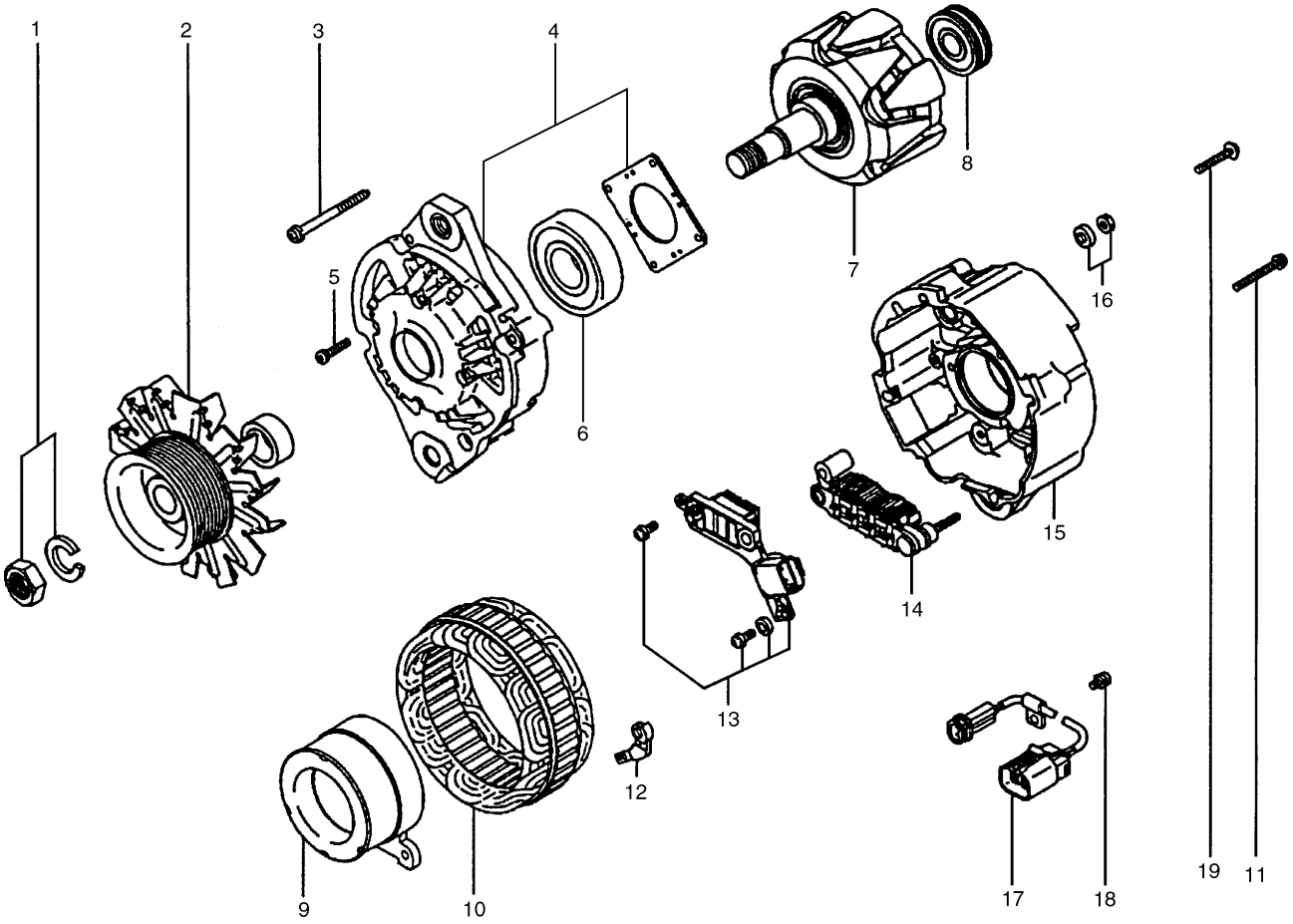
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	127-5947	1	SETSCREW					
	2	294-1855	1	BRACKET AS					
	3	294-1856	1	BEARING AS					
	4	127-5944	1	LEVER AS					
	5	294-1857	1	SWITCH AS					
	6	127-5948	1	BALL					
	7	127-5949	1	PACKING AS					
	8	127-5950	1	ARMATURE AS					
	9	095-0410	1	BEARING					
	10	095-0085	1	BOLT SET					
	11	279-7750	1	PINION SET					
	12	094-9950	1	STOPPER SET					
	13	233-1279	1	SHAFT AS					
	14	233-1280	1	CLUTCH					
	15	127-5941	1	GEAR AS					
	16	127-5940	1	WASHER AS					
	17	127-5939	1	SHAFT AS					
	18	127-5943	4	GEAR AS					
	19	094-9980	2	GASKET					
	20	127-5952	1	YOKE AS					
	21	127-5953	2	BRUSH					
	22	294-1858	1	HOLDER AS					
	23	135-2366	1	BRACKET					

H98079E 01

272-4774 STARTING MOTOR GP-ELECTRIC
Part of 296-4637-Page203

ELECTRICAL AND STARTING SYSTEM

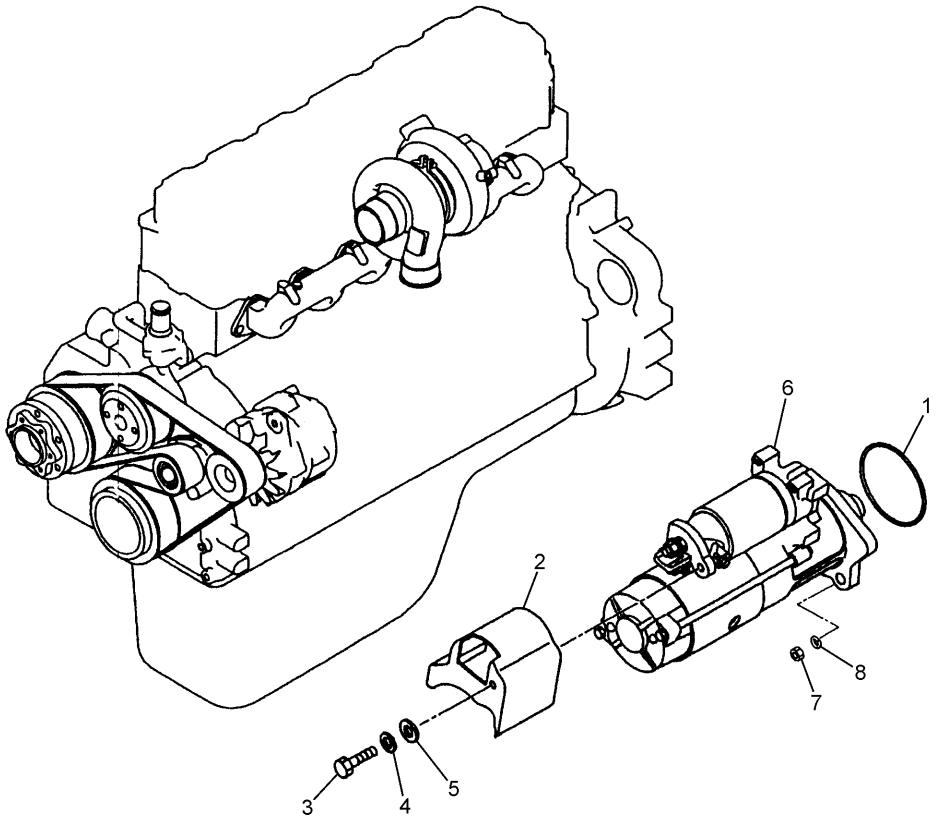


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	099-3913	1	NUT SET					
	2	212-8613	1	PULLEY					
	3	5I-7985	1	SETSCREW					
	4	5I-8086	1	BRACKET AS					
	5	5I-7987	1	SETSCREW					
	6	5I-8087	1	BEARING					
	7	5I-8088	1	ROTOR AS					
	8	5I-8089	1	BEARING					
	9	5I-8098	1	COIL AS					
	10	5I-8090	1	STATOR					
	11	5I-7997	1	SETSCREW					
	12	135-2381	1	PLATE					
	13	239-6681	1	REGULATOR AS					
	14	5I-8095	1	RECTIFIER AS					
	15	212-8521	1	BRACKET					
	16	085-9429	1	NUT SET					
	17	5I-8080	1	CONNECTOR AS					
	18	5I-8094	1	BOLT					
	19	5I-8097	1	SETSCREW					

H88146E 01

212-8561 ALTERNATOR GP-CHARGING

Part of 296-4661-Page37



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5I-7599	1	SEAL-O-RING (ID=79.50mm)					
	2	135-2369	1	COVER					
	3	135-2370	1	BOLT (L=25mm)					
	4	294-1850	1	WASHER					
	5	294-1851	1	WASHER					
Y	6	272-4774	1	MOTOR GP					
	7	6V-8231	2	NUT					
	8	7X-0796	2	LOCKWASHER					

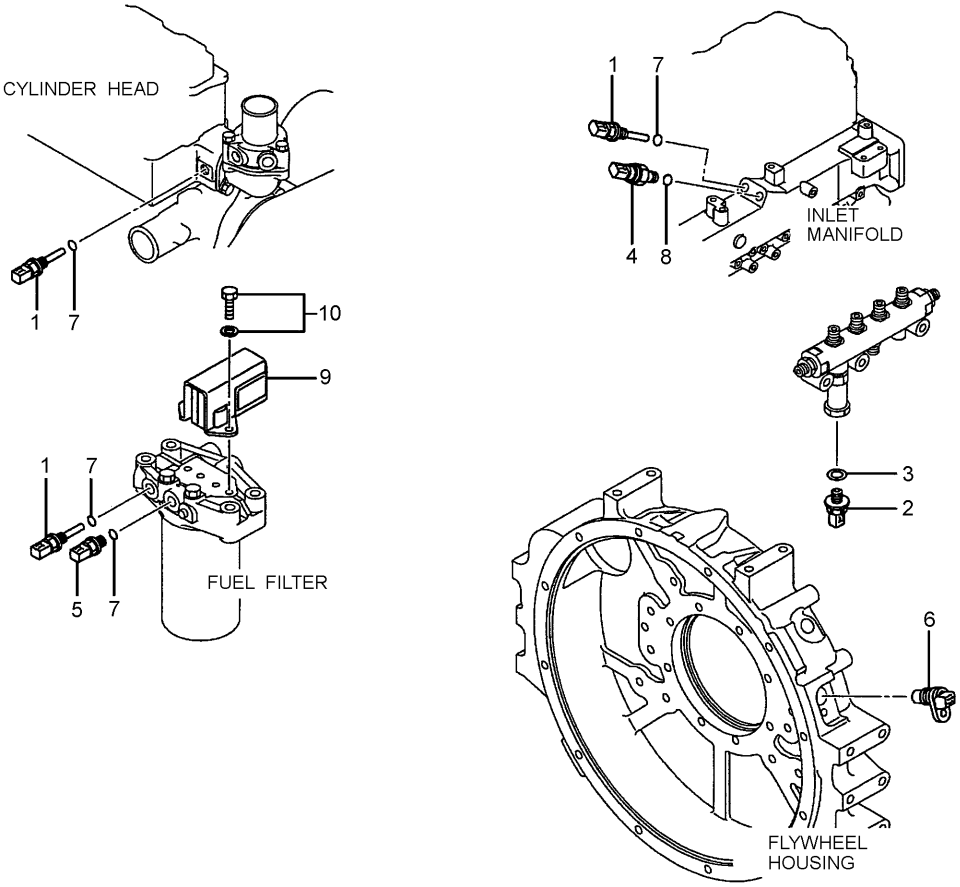
Y—SEE SEPARATE ILLUSTRATION

H98731E 02

296-4637 MOUNTING GP-STARTING MOTOR

Part of 272-4677-Page16
272-4774-Page200

ELECTRICAL AND STARTING SYSTEM



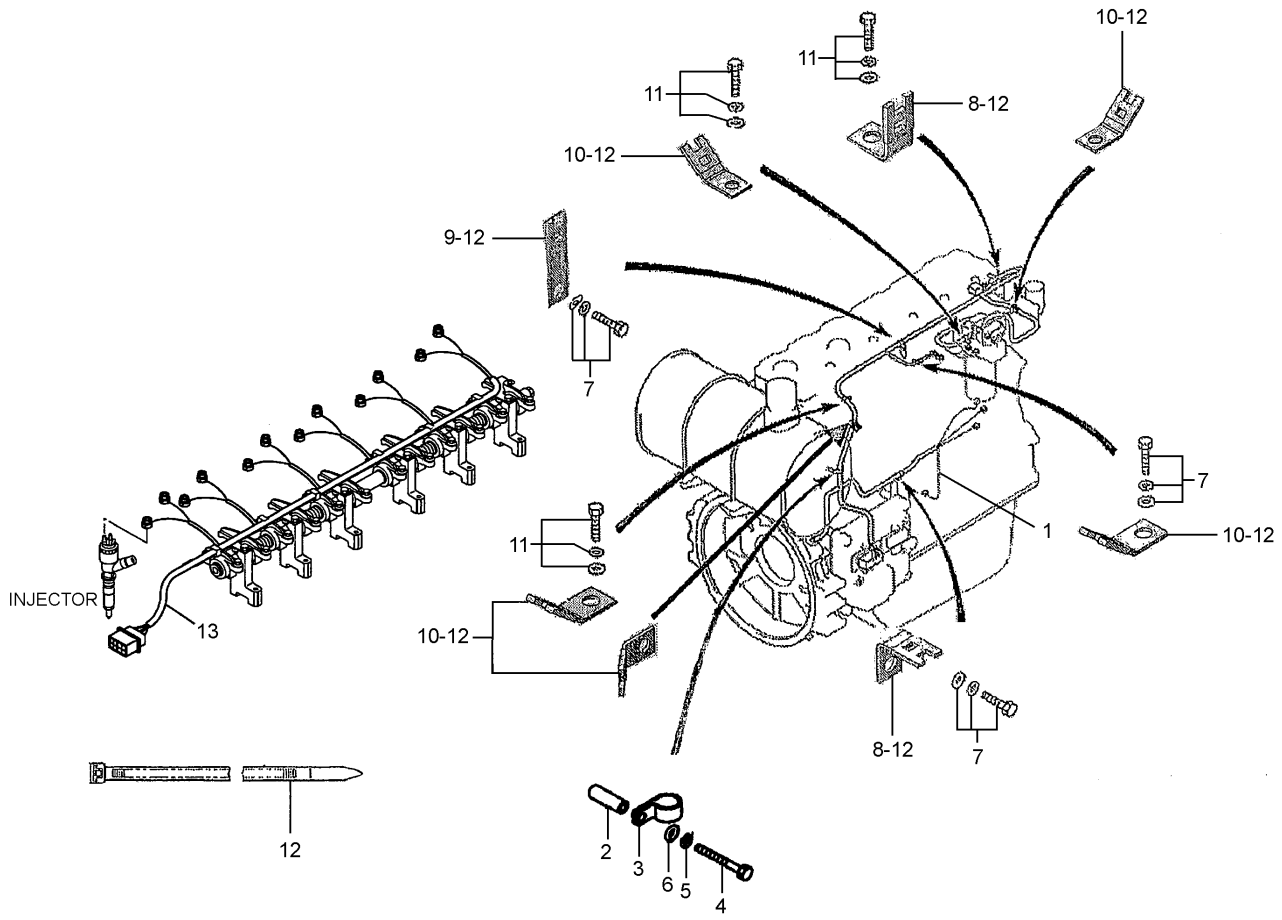
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	238-0112	3	SENSOR					
	2	238-0118	1	SENSOR GP					
	3	296-4631	1	WASHER					
	4	274-6720	1	SENSOR GP					
	5	274-6721	1	SENSOR GP					
	6	238-0120	1	SENSOR GP					
	7	294-1804	4	SEAL-O-RING					
	8	296-4633	1	SEAL-O-RING					
	9	266-0136	1	SENSOR GP					
	10	296-4621	2	BOLT					

H96879E 00

296-4666 SENSOR GP-ELECTRONIC

Part of 272-4677-Page16

MEMORANDA



H97940E 03

296-4665 WIRING GP-ELECTRONIC CONTROL
Part of 272-4677-Page16

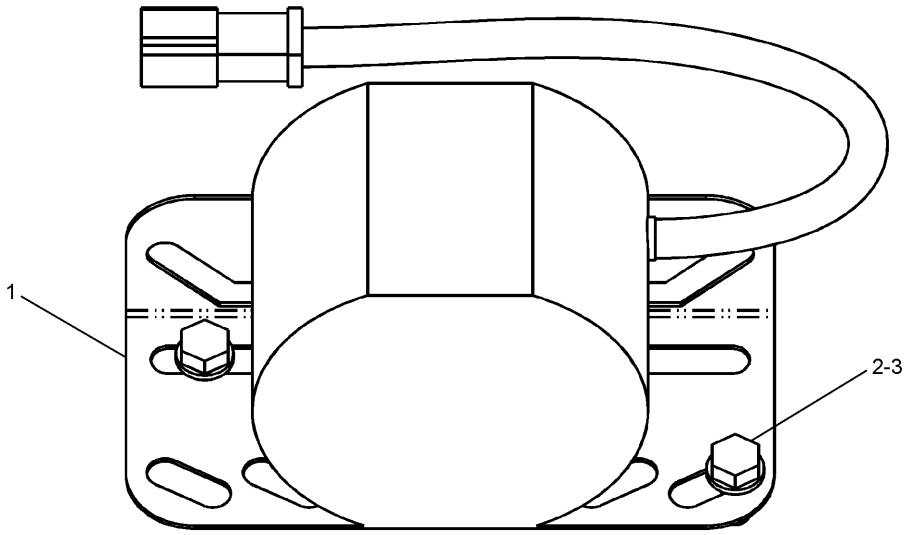
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	296-4617	1	HARNESS AS					
	2	296-4618	1	SPACER					
	3	296-4619	1	CLIP					
	4	099-4460	1	BOLT					
	5	096-2501	1	WASHER					
	6	8T-4223	1	WASHER					
	7	296-4621	3	BOLT					
	8	305-4898	2	CLIP					
	9	305-4897	1	CLIP					
	10	305-4896	5	CLIP					
	11	282-8567	3	BOLT AS					
	12	305-4895	8	STRAP					
	13	305-4893	1	HARNESS					

H97940E 03

296-4665 WIRING GP-ELECTRONIC CONTROL

Part of 272-4677-Page16

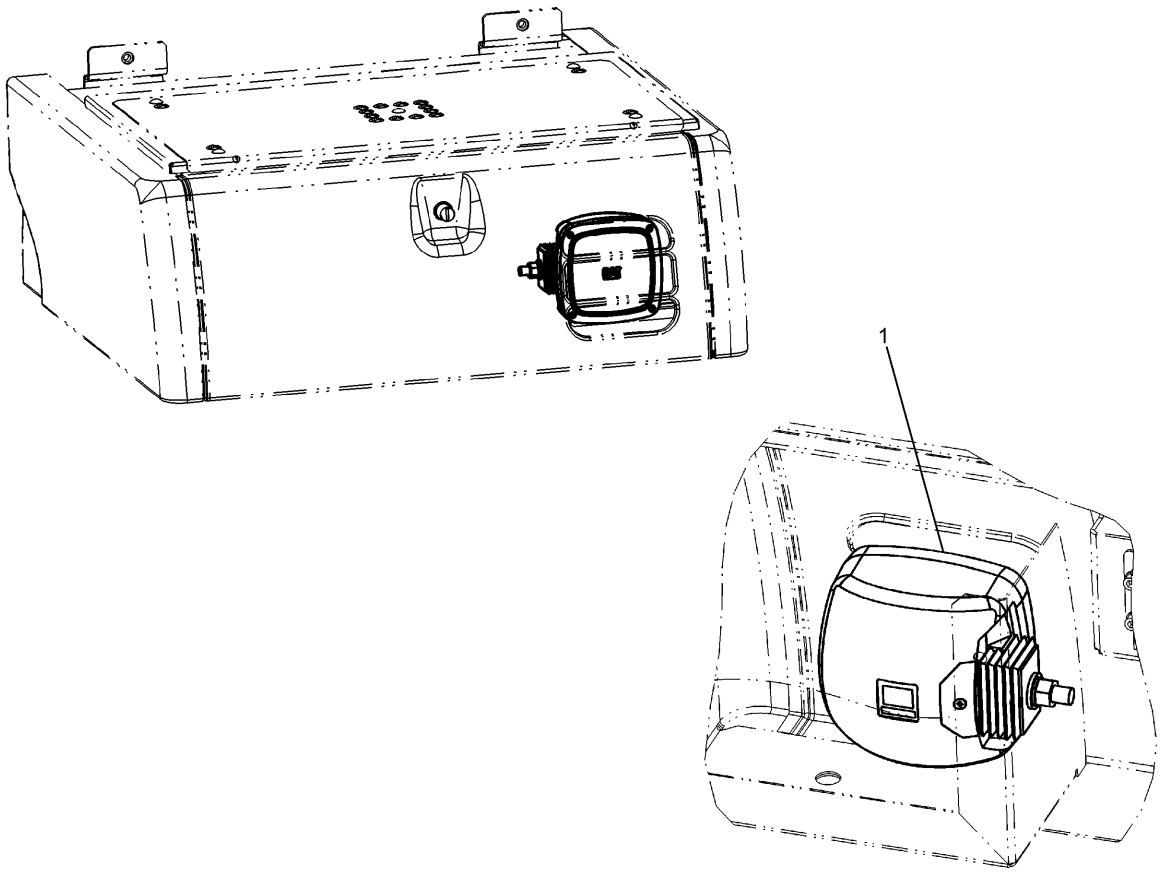


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	213-9100	1	ALARM AS					
		102-8802	1	RECEPTACLE KIT					
		186-3735	2	PIN					
	2	8T-4189	2	BOLT (L=20mm)					
	3	5P-4116	2	WASHER					

H96105E 02

231-1771 ALARM GP-TRAVEL
An Attachment

ELECTRICAL AND STARTING SYSTEM

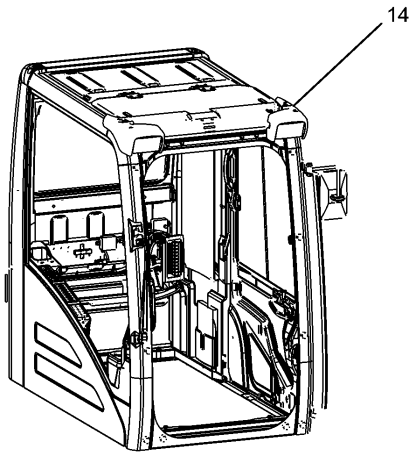


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	153-2523	1	LAMP GP					

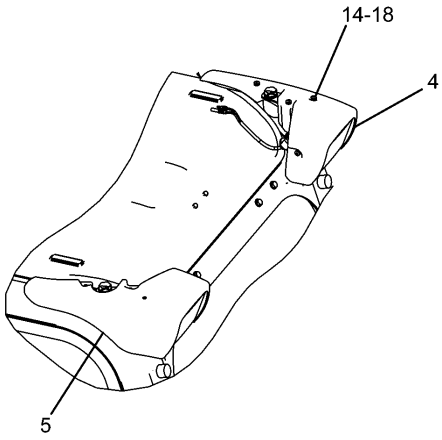
Y—SEE SEPARATE ILLUSTRATION

H87656E 04

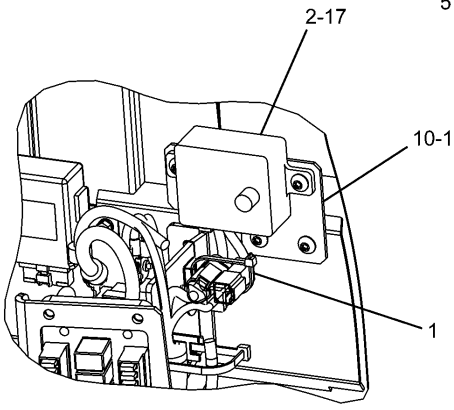
4I-5409 LIGHTING GP-CHASSIS
153-2523-Page224



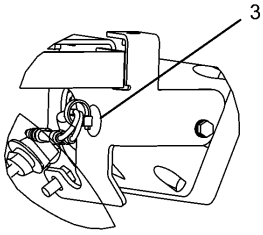
CAB-FRONT



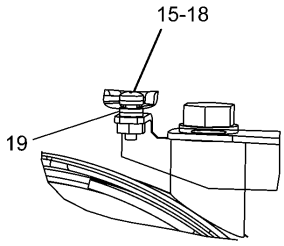
CAB-TOP



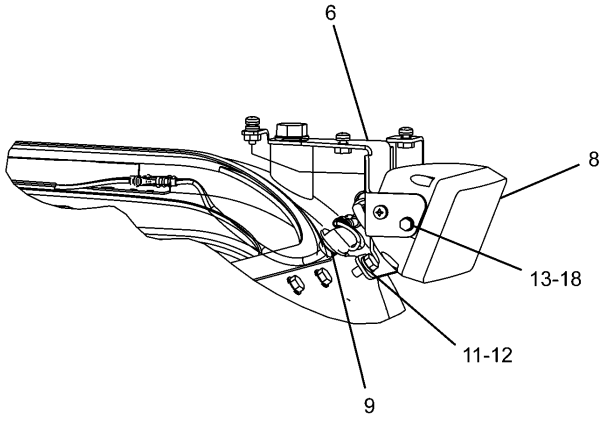
CAB REAR PANEL-INSIDE



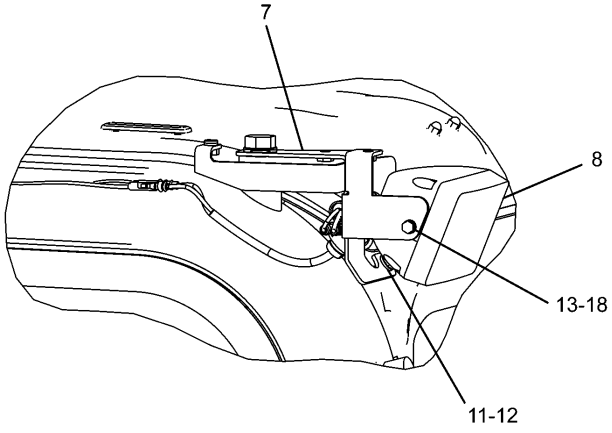
LIGHT BRACKET-REAR



LIGHT BRACKET-LH SIDE



CAB LIGHT-LH SIDE



CAB LIGHT-RH SIDE

H91019E 00

238-1627 LIGHTING GP-CAB
167-3441-Page222,167-3456-Page225,163-6704-Page227
An Attachment

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	1	STRAP					
Y	2	163-6704	1	TIMER AS					
	3	163-6795	2	STRAP					
	4	163-6813	1	COVER					
	5	163-6814	1	COVER					
	6	167-3437	1	BRACKET AS					
	7	167-3438	1	BRACKET AS					
Y	8	167-3441	2	LAMP GP					
Y	9	167-3456	2	HARNESS AS					
	10	238-2326	1	STRIP AS					
	11	8T-4200	2	BOLT (L=16mm)					
	12	8T-4224	2	WASHER					
	13	8T-4970	4	BOLT (L=14mm)					
	14	8T-6411	3	SCREW					
	15	8T-6412	1	SCREW					
	16	9X-2042	2	SCREW					
	17	9X-2043	2	SCREW					
	18	9X-8256	8	WASHER					
B	19	9X-8256	4	WASHER					

B—USE AS REQUIRED

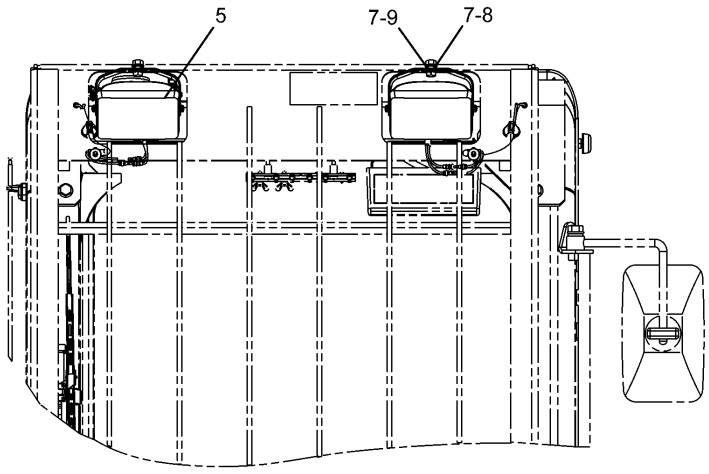
Y—SEE SEPARATE ILLUSTRATION

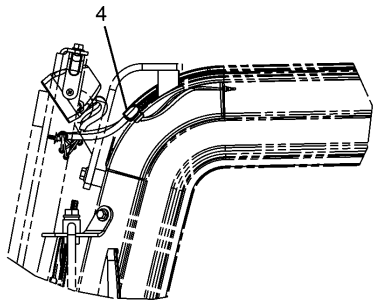
H91019E 00

238-1627 LIGHTING GP-CAB

167-3441-Page222,167-3456-Page225,163-6704-Page227

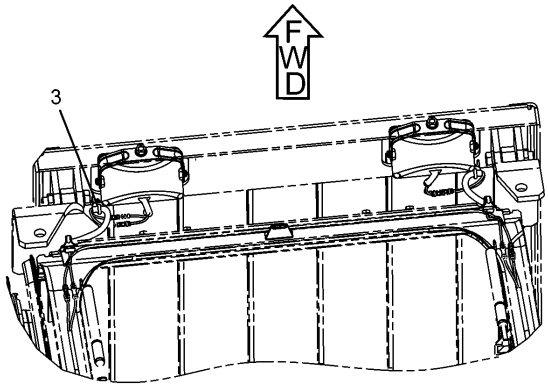
An Attachment



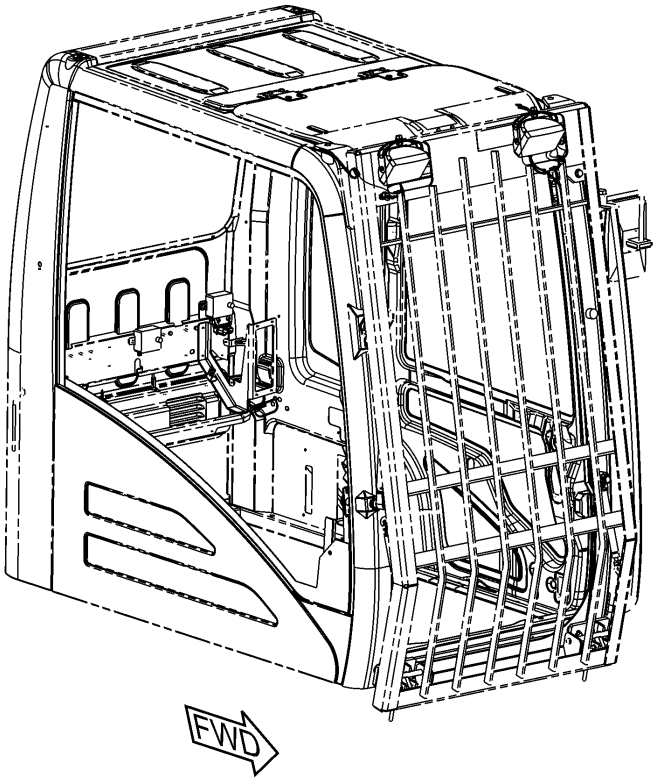


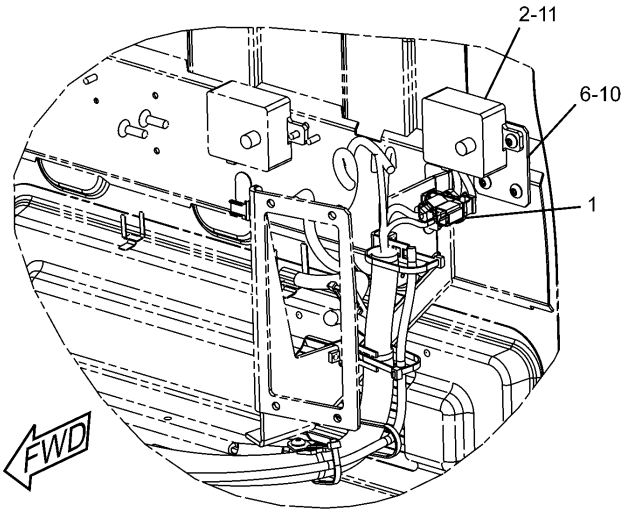
A – A

FRONT VIEW



TOP VIEW





CAB REAR PANEL INSIDE

H91364E 01

238-1628 LIGHTING GP-CAB
Cab Guard
183-1035-Page222,170-9295-Page225,163-6704-Page227
An Attachment

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	1	STRAP					
Y	2	163-6704	1	TIMER AS					
	3	163-6795	2	STRAP					
Y	4	170-9295	2	HARNESS AS					
Y	5	183-1035	2	LAMP GP					
	6	238-2326	1	STRIP AS					
	7	8T-4121	4	WASHER					
	8	8T-4133	2	NUT					
	9	8T-4137	2	BOLT (L=20mm)					
	10	9X-2042	2	SCREW					
	11	9X-2043	2	SCREW					

Y—SEE SEPARATE ILLUSTRATION

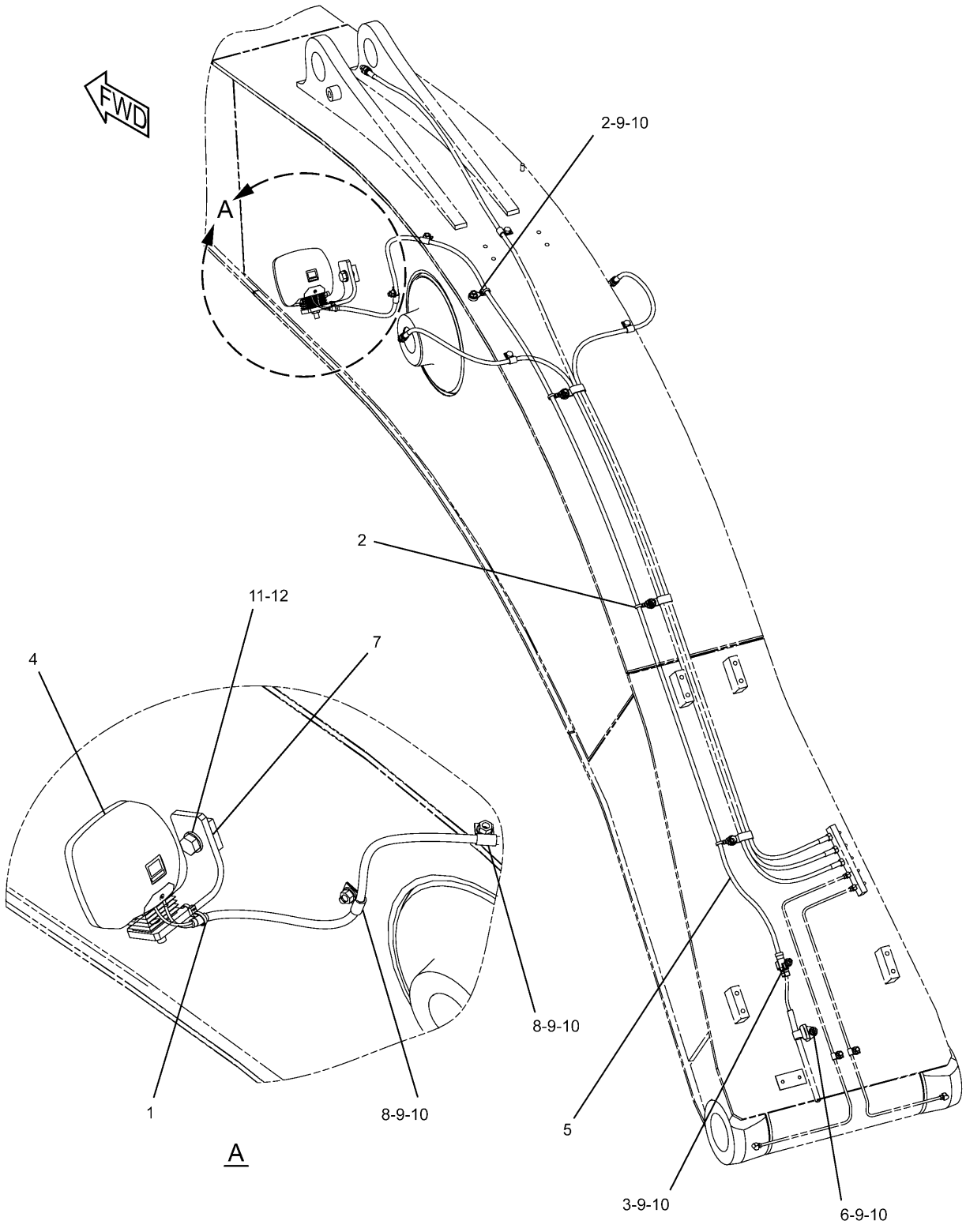
H91364E 01

238-1628 LIGHTING GP-CAB

Cab Guard

183-1035-Page222,170-9295-Page225,163-6704-Page227

An Attachment



259–5043 LIGHTING GP–BOOM

R–Boom Left Hand

Part of 240–3828,240–3830–Page731,302–9207–Page740

153–2521–Page223

An Attachment

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7I-2673	1	STRAP					
	2	111-4836	4	CLIP					
	3	116-0118	1	CLIP					
Y	4	153-2521	1	LAMP GP					
	5	259-5326	1	HARNESS AS					
		9W-0852	2	PIN					
		2L-8075	2	TERMINAL					
	6	111-4837	1	CLIP					
	7	134-3284	1	BRACKET					
	8	5P-9297	2	CLIP					
	9	8T-4121	5	WASHER					
	10	8T-4133	5	NUT					
	11	8T-4190	1	BOLT (L=25mm)					
	12	9X-8257	1	WASHER					

Y—SEE SEPARATE ILLUSTRATION

H89554E 00

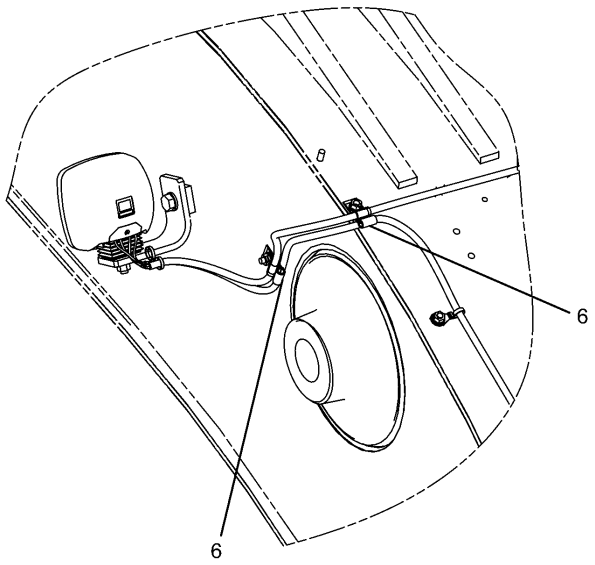
259-5043 LIGHTING GP-BOOM

R-Boom Left Hand

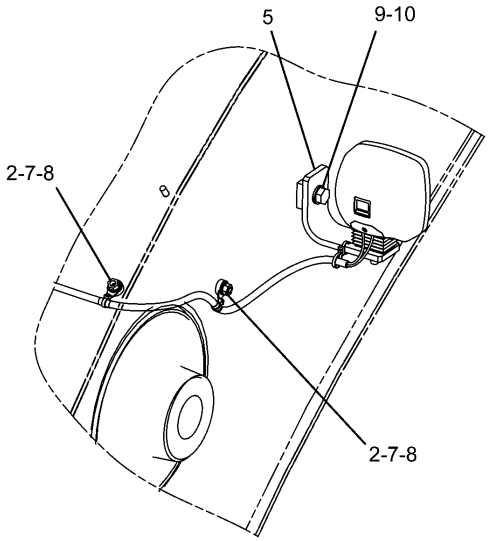
Part of 240-3828,240-3830-Page731,302-9207-Page740

153-2521-Page223

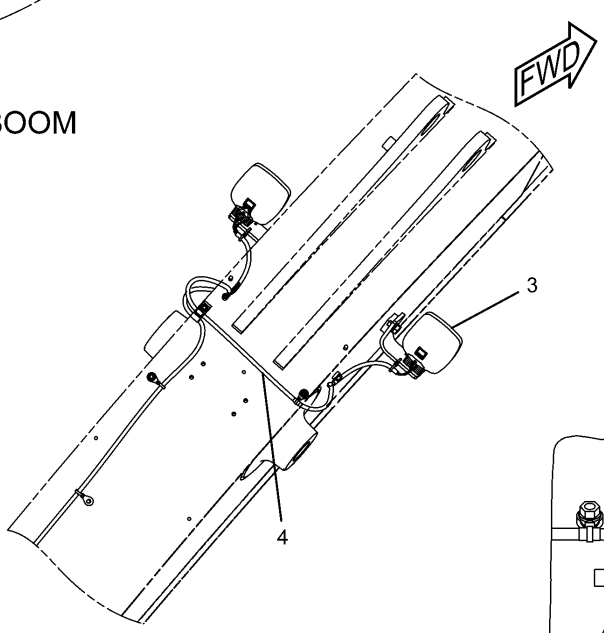
An Attachment



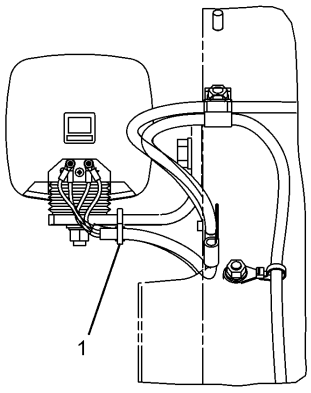
LEFT SIDE OF BOOM



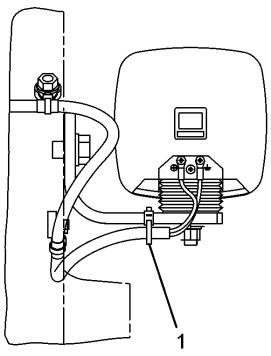
RIGHT SIDE OF BOOM



TOP VIEW OF THE BOOM



REAR VIEW OF THE LH LIGHT



REAR VIEW OF THE RH LIGHT

H89858E 00

259-5047 LIGHTING GP-BOOM
R-Boom Right Hand
153-2521-Page223
An Attachment

ELECTRICAL AND STARTING SYSTEM

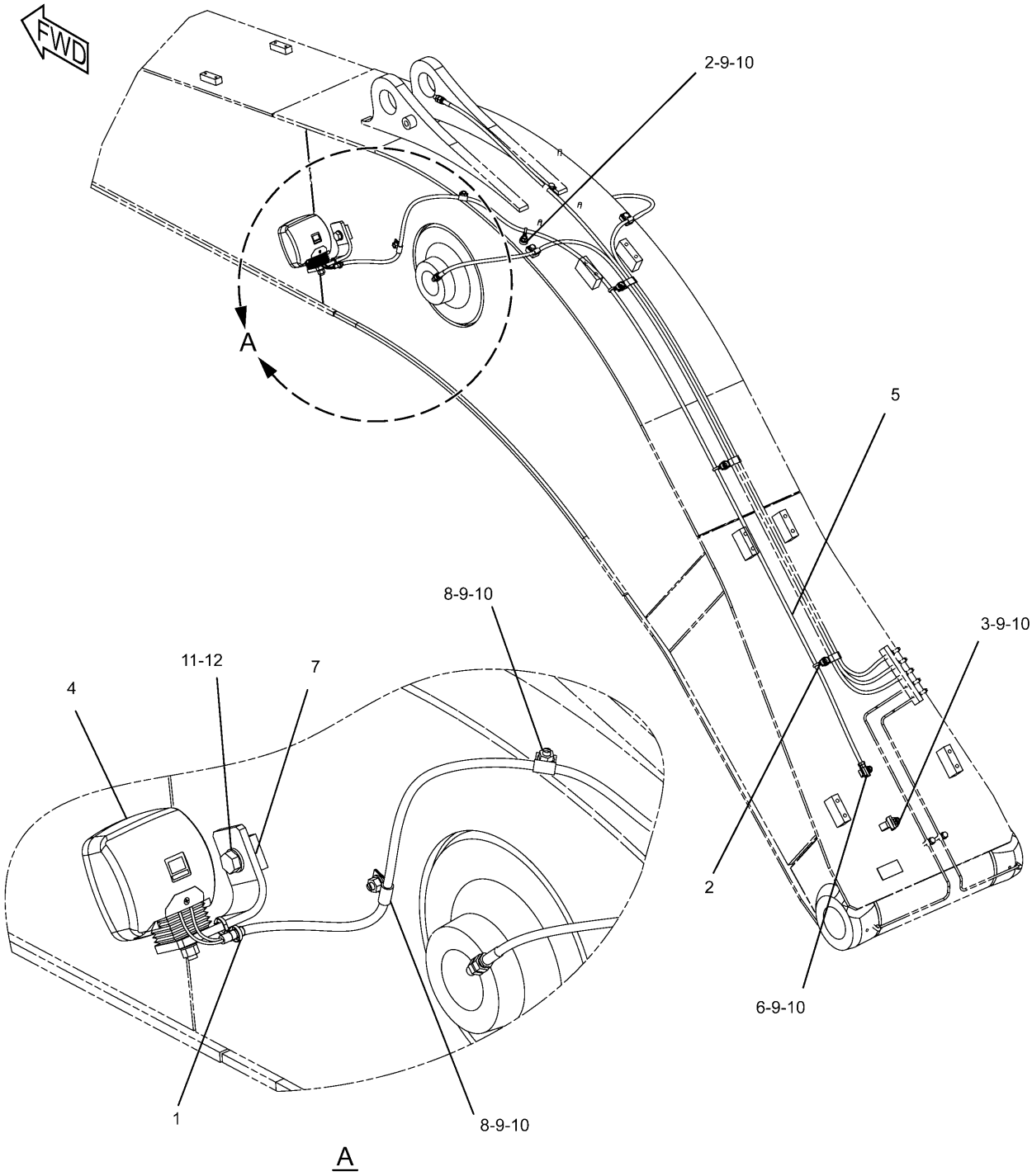
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7I-2673	2	STRAP					
	2	111-4836	2	CLIP					
Y	3	153-2521	1	LAMP GP					
	4	259-5327	1	HARNESS AS					
		2L-8075	4	TERMINAL					
	5	134-3284	1	BRACKET					
	6	7N-3718	2	CLIP					
	7	8T-4121	2	WASHER					
	8	8T-4133	2	NUT					
	9	8T-4190	1	BOLT (L=25mm)					
	10	9X-8257	1	WASHER					

Y—SEE SEPARATE ILLUSTRATION

H89858E 00

259-5047 LIGHTING GP-BOOM

R-Boom Right Hand
153-2521-Page223
An Attachment



H89556E 00

267-7627 LIGHTING GP-BOOM

M-Boom Left Hand
S/N BWZ 1-Up, DFB 1-Up
Part of 240-3833-Page732
153-2521-Page223
An Attachment

ELECTRICAL AND STARTING SYSTEM

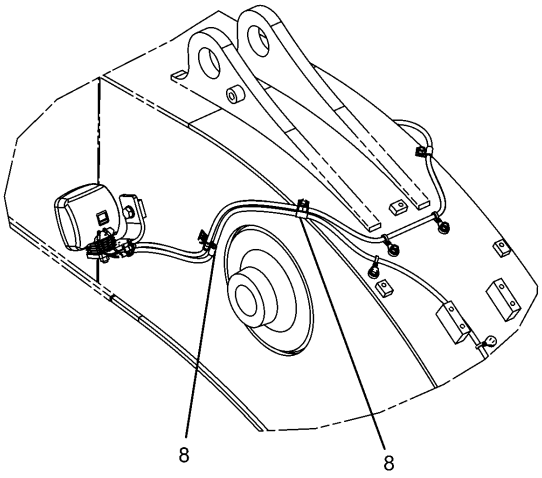
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7I-2673	1	STRAP					
	2	111-4836	4	CLIP					
	3	116-0118	1	CLIP					
Y	4	153-2521	1	LAMP GP					
	5	267-7628	1	HARNESS AS					
		9W-0852	2	PIN					
		2L-8075	2	TERMINAL					
	6	111-4837	1	CLIP					
	7	134-3284	1	BRACKET					
	8	5P-9297	2	CLIP					
	9	8T-4121	5	WASHER					
	10	8T-4133	5	NUT					
	11	8T-4190	1	BOLT (L=25mm)					
	12	9X-8257	1	WASHER					

Y—SEE SEPARATE ILLUSTRATION

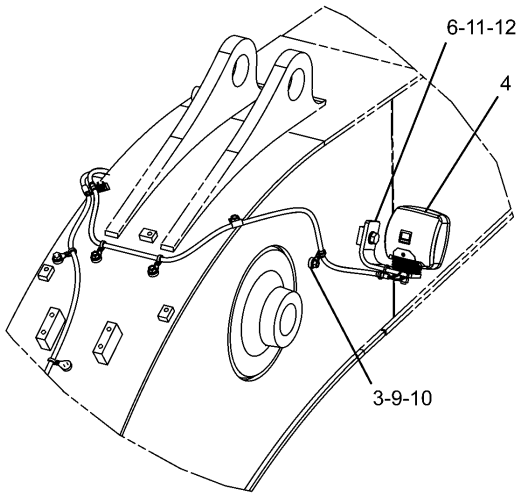
H89556E 00

267-7627 LIGHTING GP-BOOM

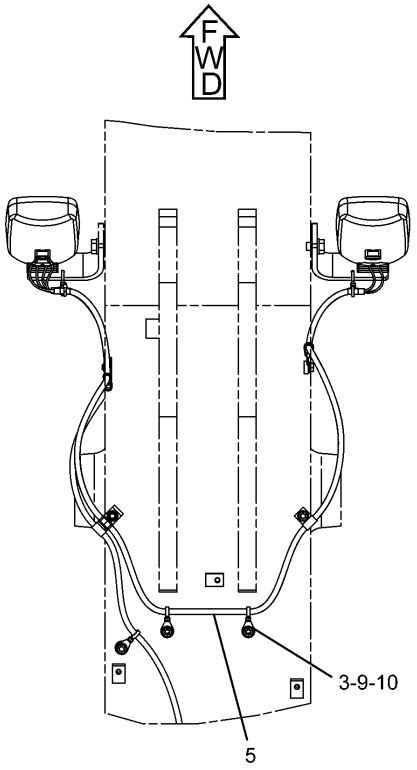
M-Boom Left Hand
S/N BWZ 1-Up, DFB 1-Up
Part of 240-3833-Page732
153-2521-Page223
An Attachment



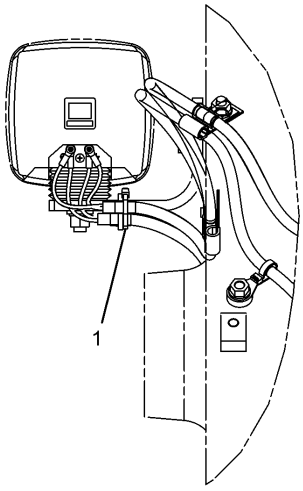
LEFT SIDE OF BOOM



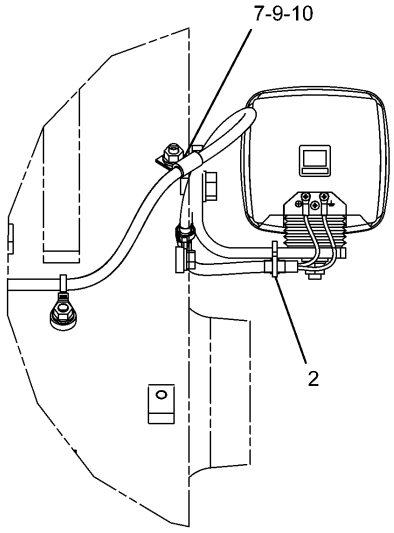
RIGHT SIDE OF BOOM



TOP VIEW OF THE BOOM



REAR VIEW OF THE LH LIGHT



REAR VIEW OF THE RH LIGHT

H89857E 00

259-5048 LIGHTING GP-BOOM
M-Boom Right Hand
153-2521-Page223
An Attachment

ELECTRICAL AND STARTING SYSTEM

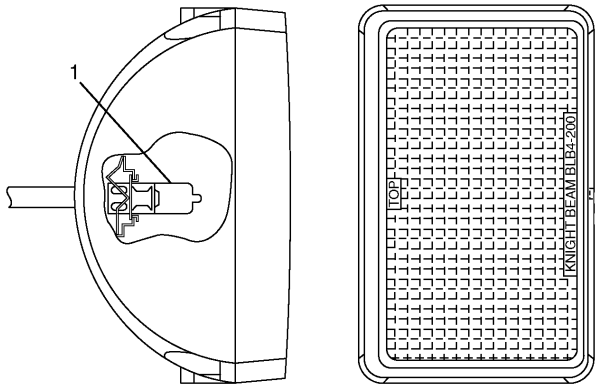
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	1	STRAP					
	2	7I-2673	1	STRAP					
	3	111-4836	3	CLIP					
Y	4	153-2521	1	LAMP GP					
	5	267-7626	1	HARNESS AS					
		2L-8075	4	TERMINAL					
	6	134-3284	1	BRACKET					
	7	5P-9297	1	CLIP					
	8	7N-3718	2	CLIP					
	9	8T-4121	4	WASHER					
	10	8T-4133	4	NUT					
	11	8T-4190	1	BOLT (L=25mm)					
	12	9X-8257	1	WASHER					

Y—SEE SEPARATE ILLUSTRATION

H89857E 00

259-5048 LIGHTING GP-BOOM
M-Boom Right Hand
153-2521-Page223
An Attachment

ELECTRICAL AND STARTING SYSTEM

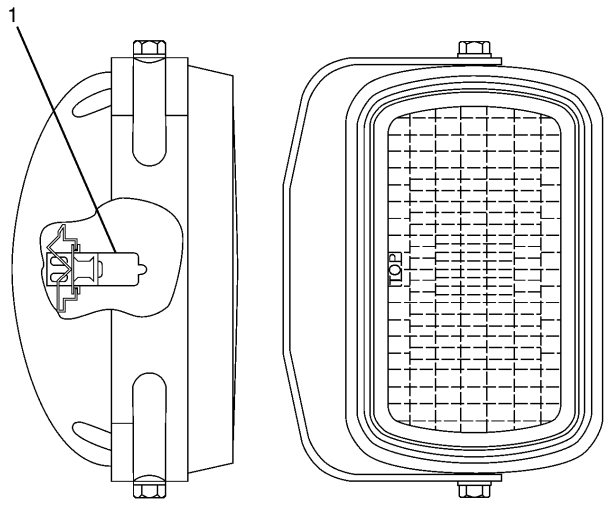


NOTE	No.	PART No.	QTY	PART NAME
	1	9X-3463	1	BULB

H81823E 03

167-3441 LAMP GP-FLOOD

Part of 238-1627-Page211
An Attachment

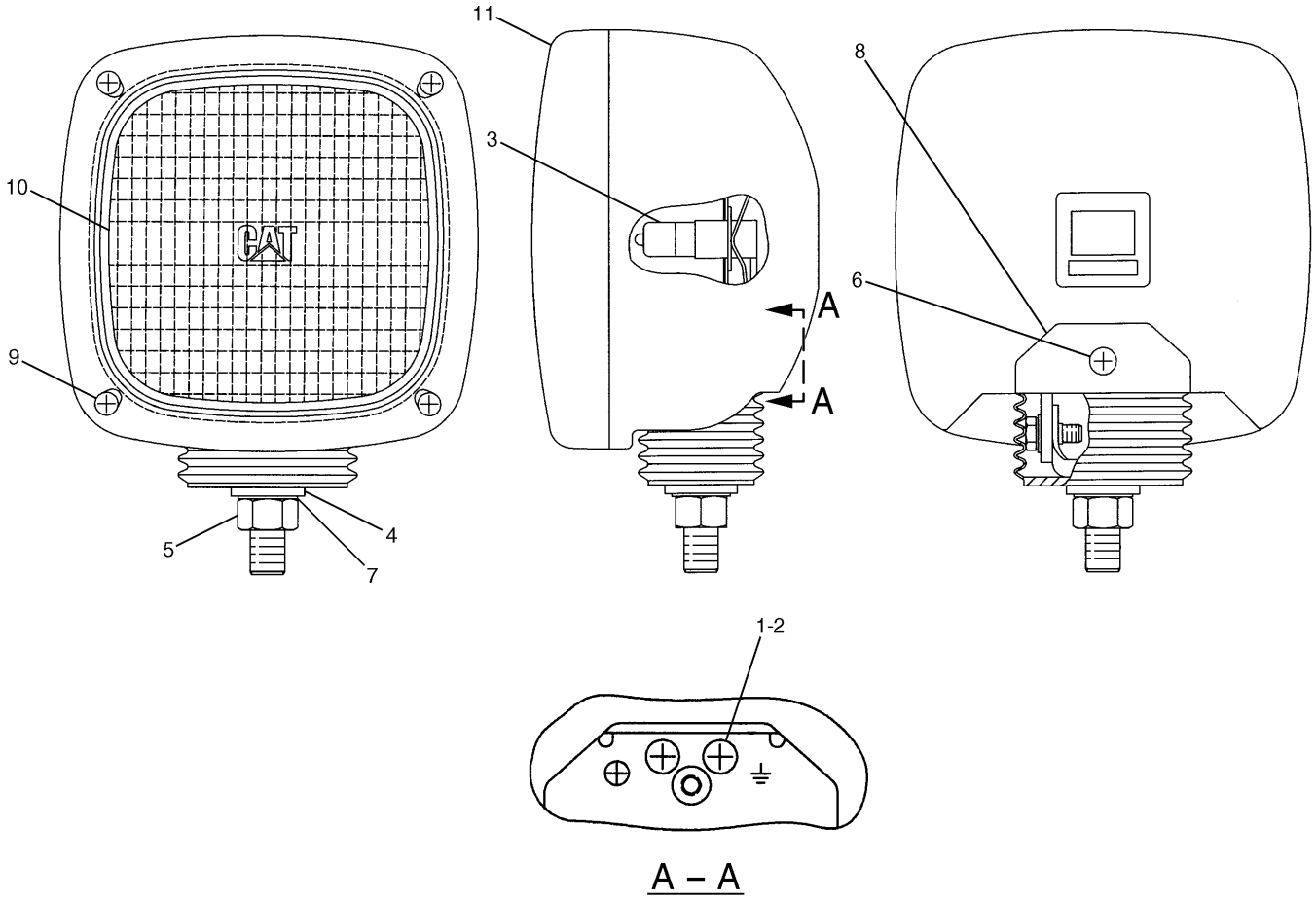


NOTE	No.	PART No.	QTY	PART NAME
	1	9X-3463	1	BULB

H81825E 01

183-1035 LAMP GP-FLOOD

Part of 238-1628-Page213
An Attachment



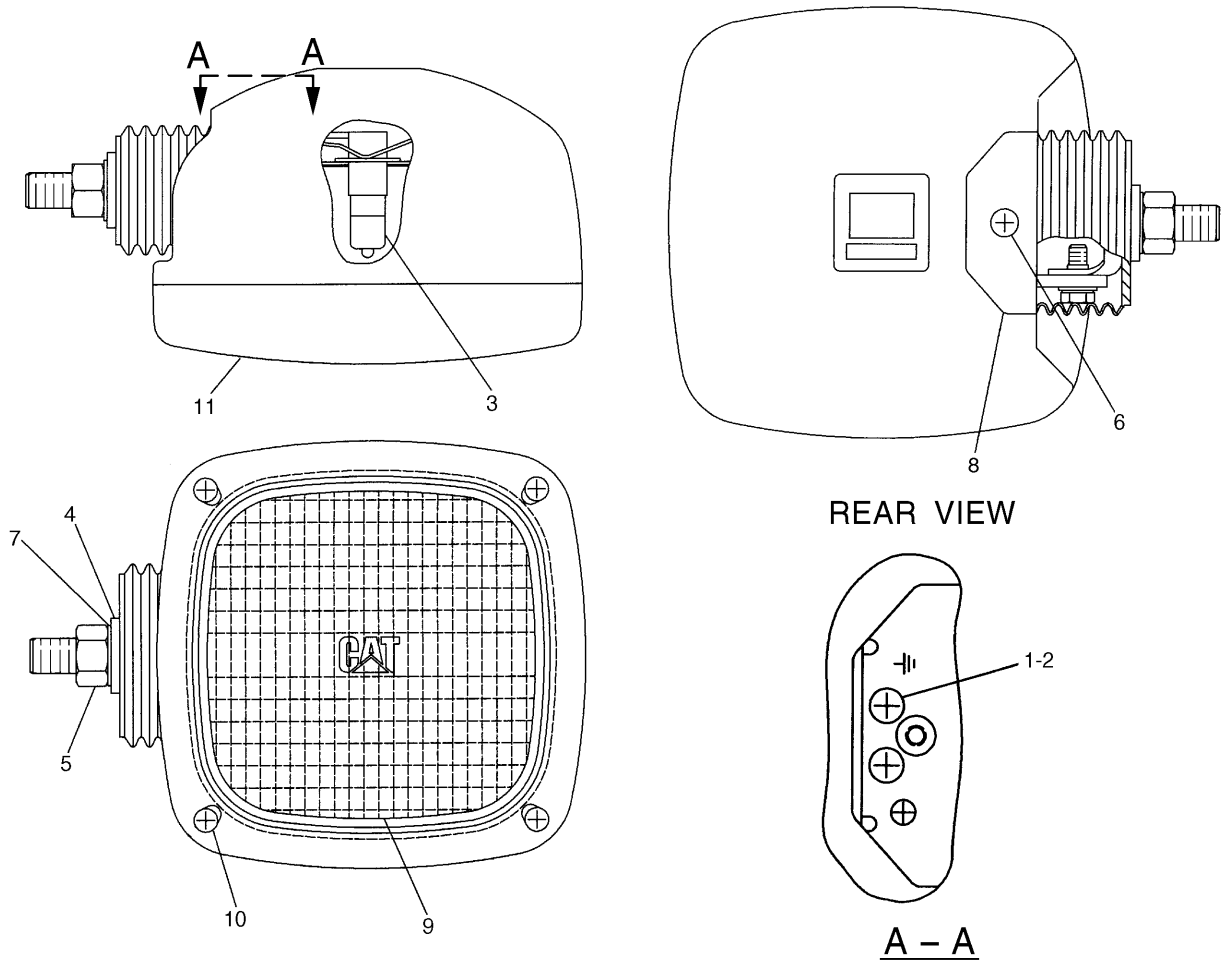
A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6V-5210	2	SCREW					
	2	3B-4501	2	LOCKWASHER					
	3	9X-3463	1	BULB					
	4	8T-4223	1	WASHER					
	5	8T-4244	1	NUT					
	6	174-7791	1	SCREW					
	7	5C-2889	1	LOCKWASHER					
	8	170-6993	1	COVER					
	9	180-3861	4	SCREW					
	10	170-9417	1	LENS AS					
	11	170-9418	1	BAND					

H87353E 03

153-2521 LAMP GP-FLOOD

Part of 259-5043-Page215,259-5047-Page217,267-7627-Page219,259-5048-Page221
An Attachment

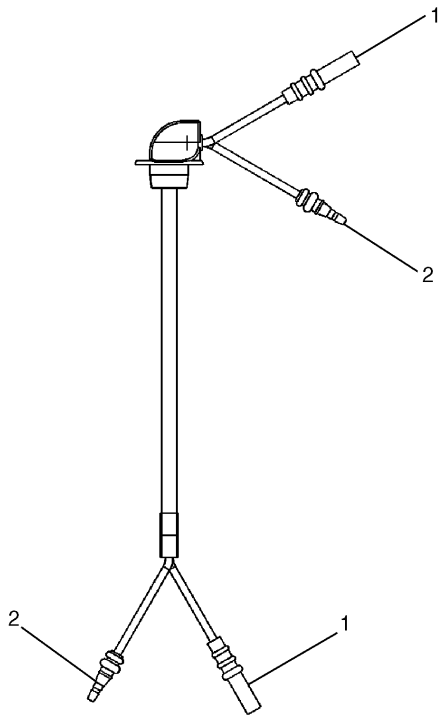


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6V-5210	2	SCREW					
	2	3B-4501	2	LOCKWASHER					
	3	9X-3463	1	BULB					
	4	8T-4223	1	WASHER					
	5	8T-4244	1	NUT					
	6	174-7791	1	SCREW					
	7	5C-2889	1	LOCKWASHER					
	8	170-6993	1	COVER					
	9	170-9417	1	LENS AS					
	10	180-3861	4	SCREW					
	11	170-9418	1	BAND					

H87354E 03

153-2523 LAMP GP-FLOOD
Part of 4I-5409-Page209

ELECTRICAL AND STARTING SYSTEM

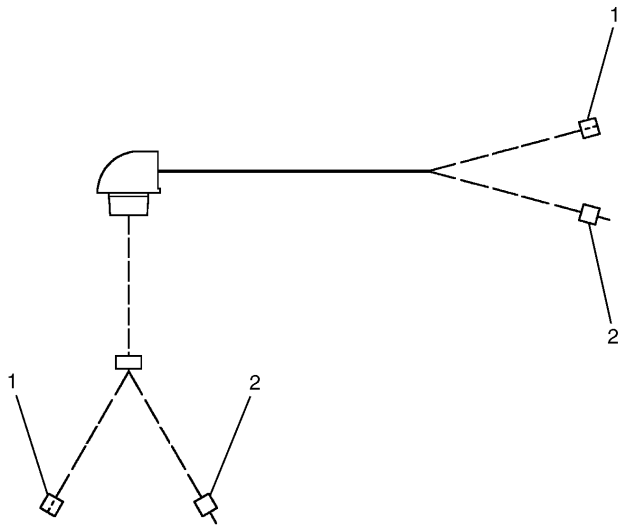


NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-3963	2	TERMINAL
		7Y-3965	2	TUBE
	2	7Y-3962	2	TERMINAL
		7Y-3964	2	TUBE

H86647E 03

167-3456 HARNESS AS

Part of 238-1627-Page211
An Attachment



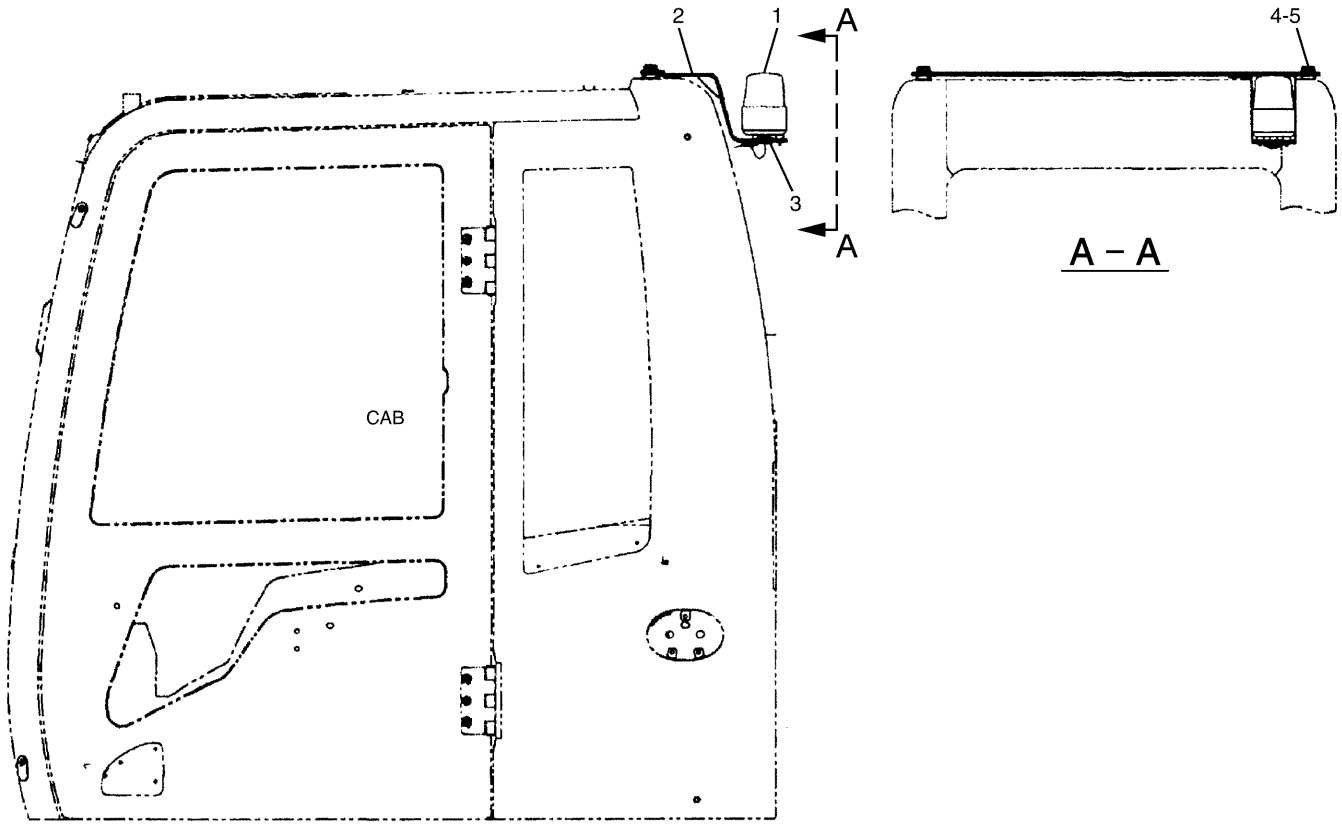
NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-3963	2	TERMINAL
		7Y-3965	2	TUBE
	2	7Y-3962	2	TERMINAL
		7Y-3964	2	TUBE

H78595E 00

170-9295 HARNESS AS

Part of 238-1628-Page213
An Attachment

ELECTRICAL AND STARTING SYSTEM

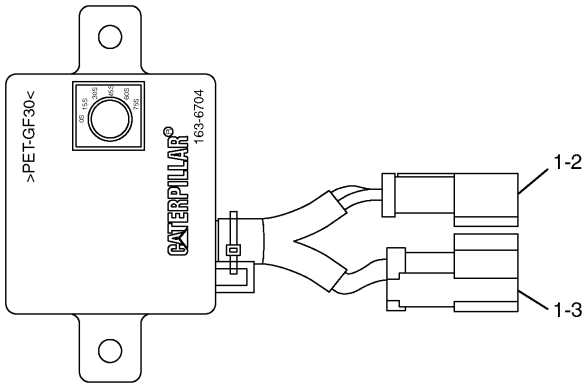


LEFT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	185-1257	1	PATO LIGHT					
	2	210-2922	1	SUPPORT AS					
	3	093-2069	1	GROMMET					
	4	7X-2553	3	BOLT (L=40mm)					
	5	9X-8257	3	WASHER					

H86793E 01

210-2921 LIGHTING GP-WARNING
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment

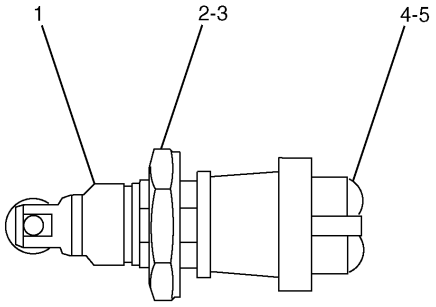


NOTE	No.	PART No.	QTY	PART NAME
	1	186-3735	5	PIN
	2	102-8802	1	RECEPTACLE KIT
	3	102-8803	1	RECEPTACLE KIT

H69865E 02

163-6704 TIMER AS

Part of 238-1627-Page211,238-1628-Page213
An Attachment

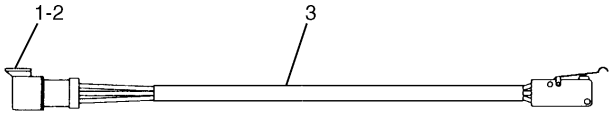


NOTE	No.	PART No.	QTY	PART NAME
	1	9X-0199	1	BOOT
	2	6V-8370	1	NUT
	3	2H-3922	1	LOCKWASHER
	4	6V-8363	2	SCREW
	5	8F-1434	2	LOCKWASHER

H74275E 01

129-6466 SWITCH AS-ROLLER

Part of 229-9087-Page645
An Attachment



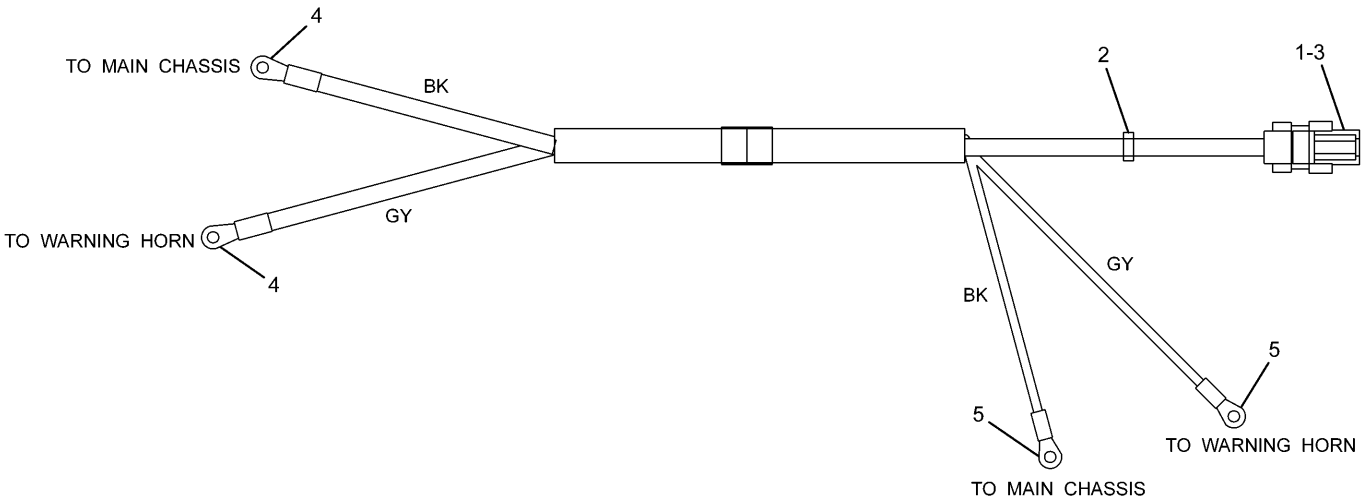
NOTE	No.	PART No.	QTY	PART NAME
	1	8T-8729	3	PIN
	2	102-8803	1	RECEPTACLE KIT
D	3	5P-5998		TUBE…(0.3m)

D—ORDER BY THE METER

H72253E 04

111-4799 SWITCH AS

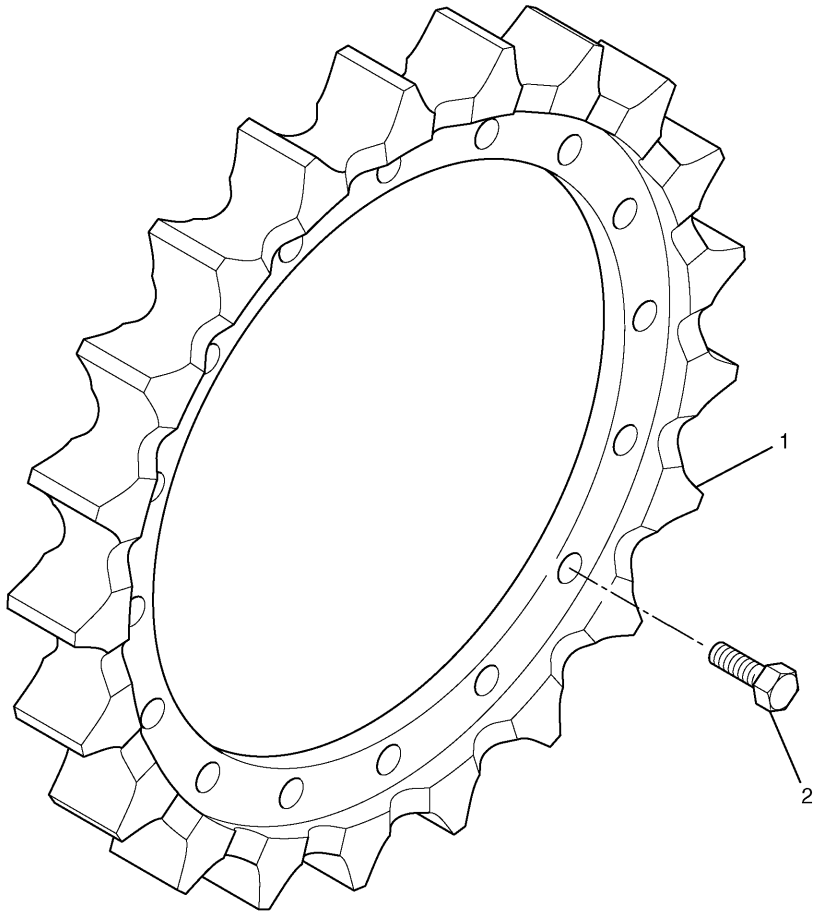
Limit
Part of 234-6613-Page678



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9W-0844	2	SOCKET					
	2	3S-2093	1	STRAP					
	3	230-4011	1	PLUG AS					
	4	2L-8065	2	TERMINAL					
	5	2L-8075	2	TERMINAL					

H93544E 00

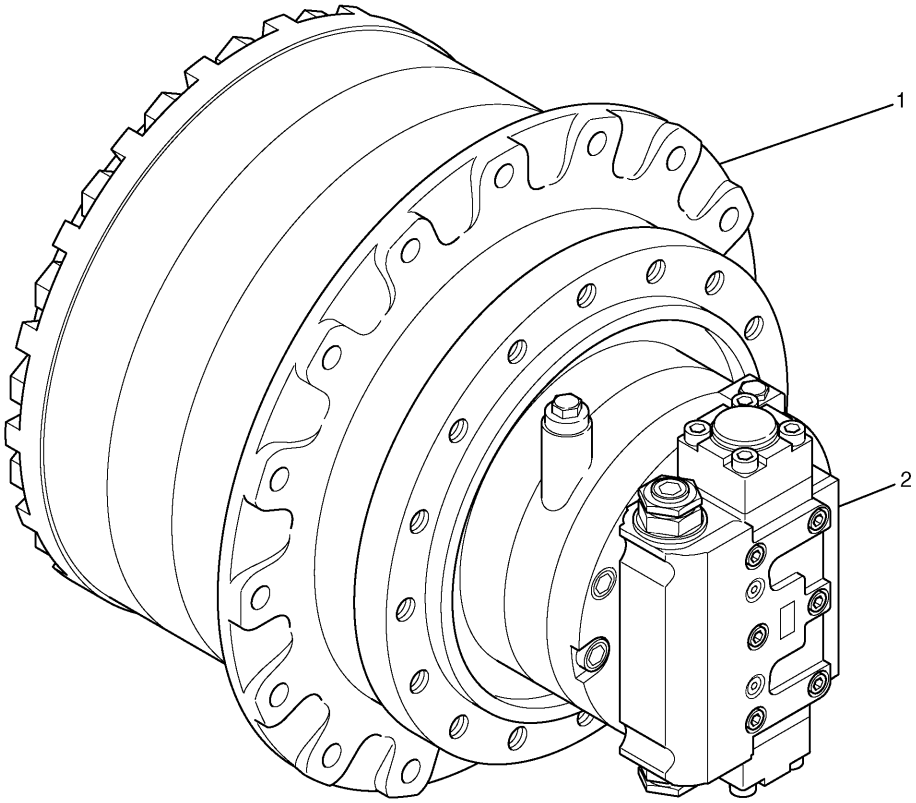
291-7560 HARNESS AS
Part of 291-7559-Page664



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8E-9805	1	SPROCKET					
	2	7X-2562	16	BOLT (L=45mm)					

H82503E 03

145-3042 SPROCKET GP-NONSEGMENTED
2 Required



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	227-6035	1	DRIVE GP					
Y	2	215-9982	1	MOTOR GP					

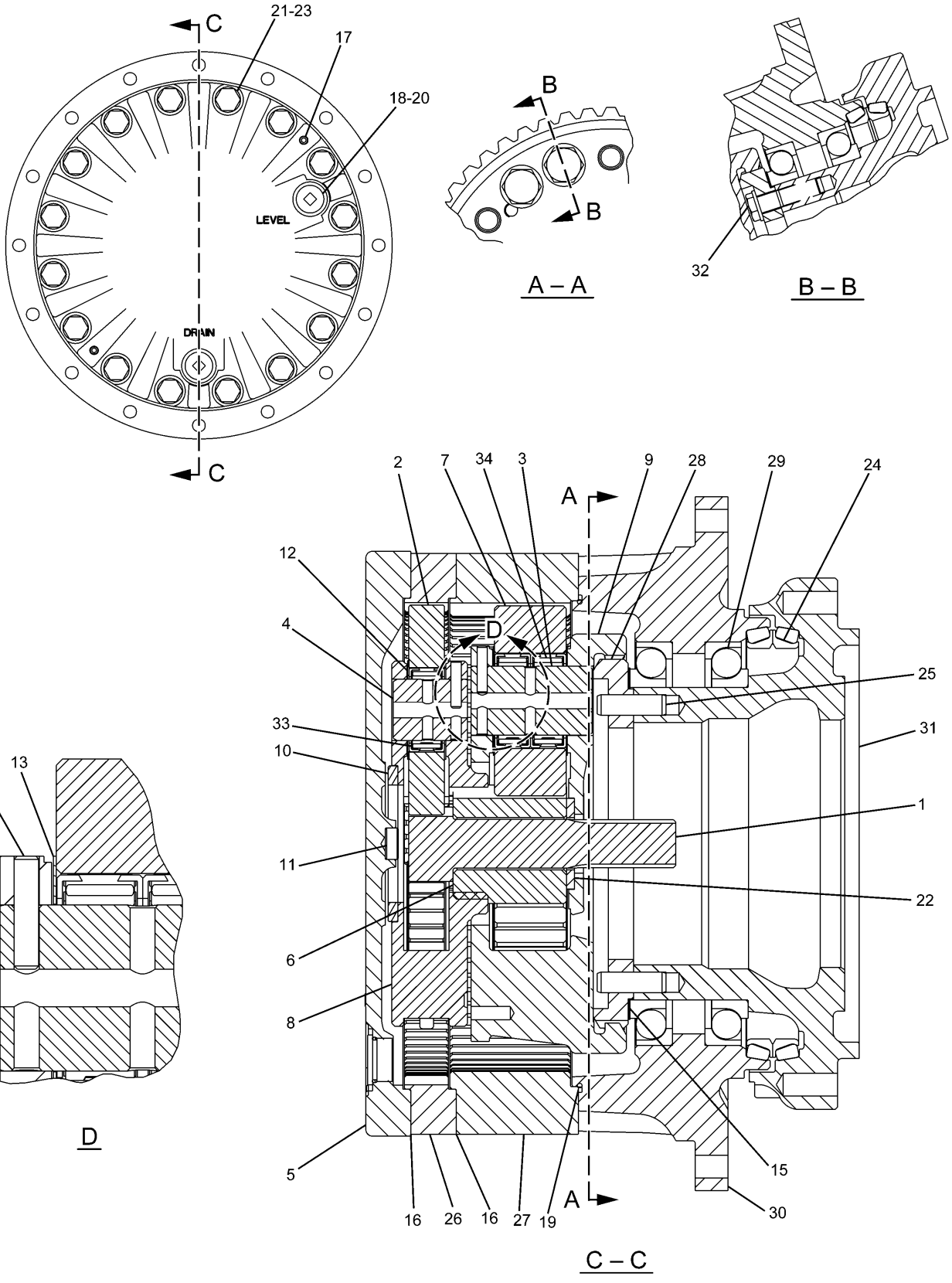
Y—SEE SEPARATE ILLUSTRATION

H93545E 00

227-6913 FINAL DRIVE GP

W/Motor-2 Required

227-6035-Page232,215-9982-Page510



H99641E 02

227-6035 FINAL DRIVE GP
Part of 227-6913-Page231

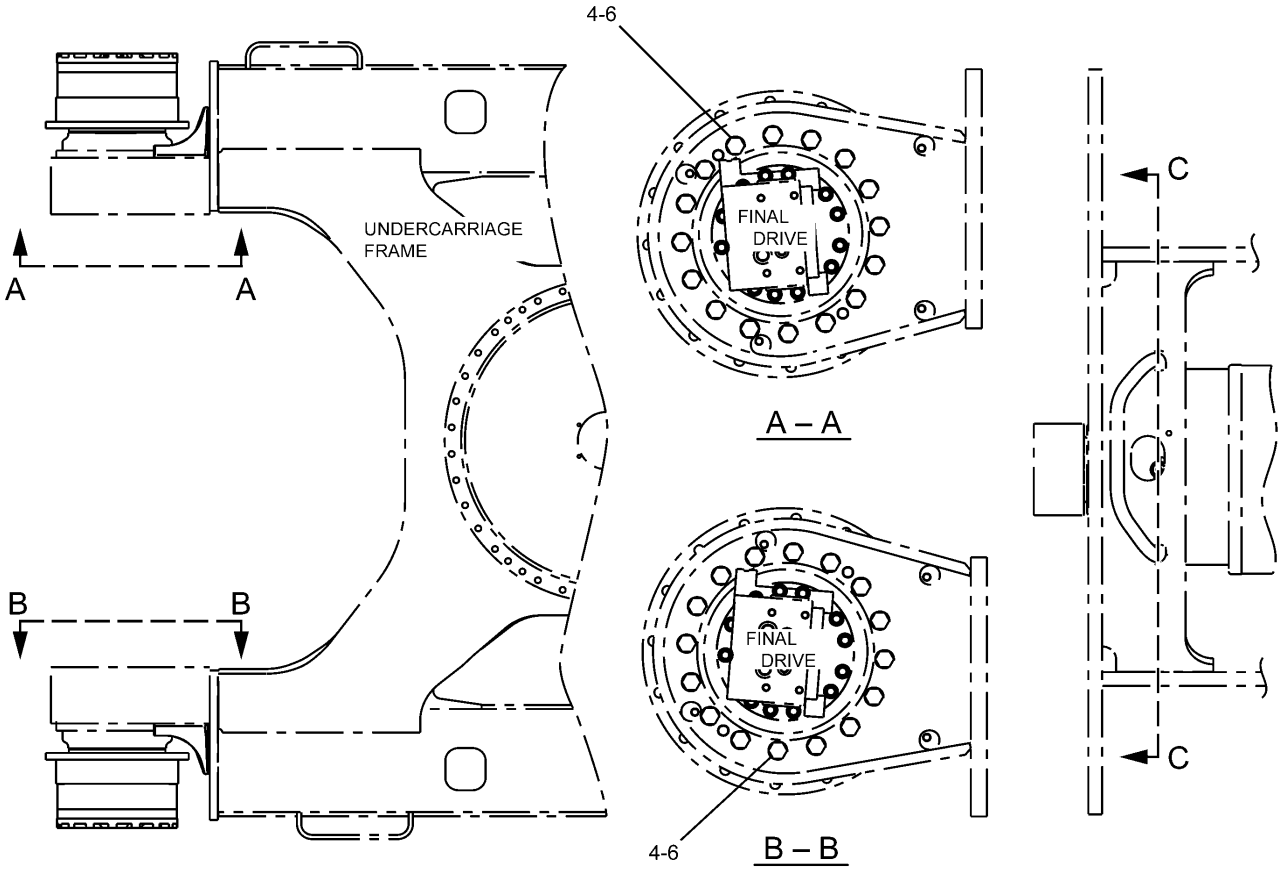
POWER TRAIN

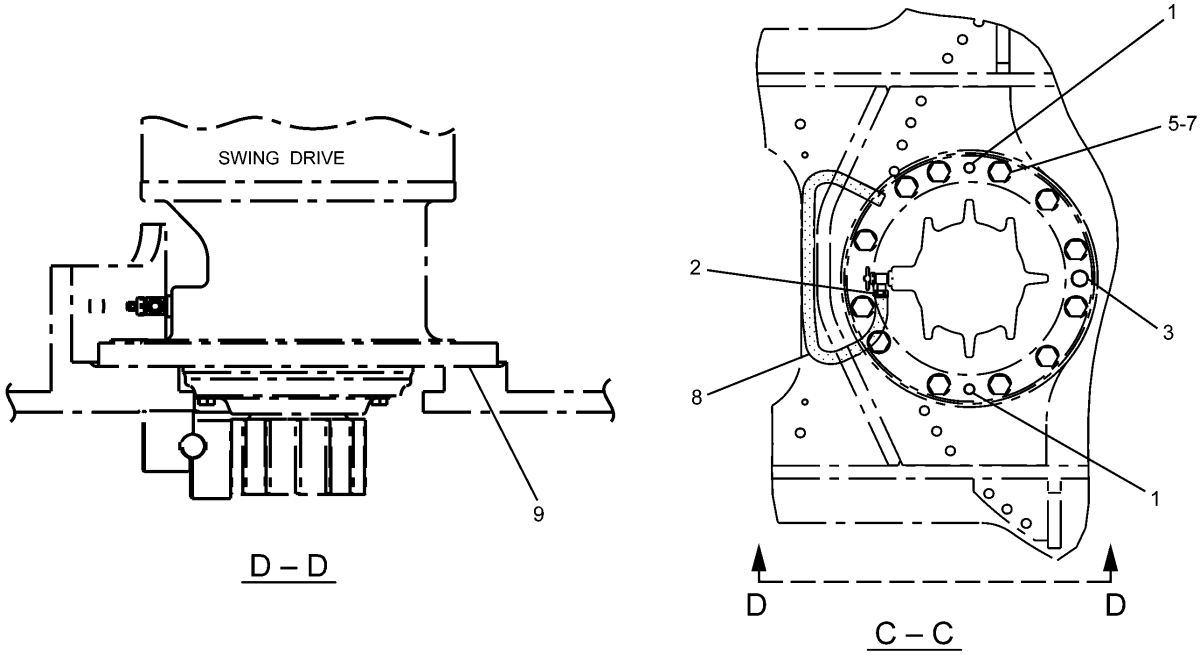
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6I-6583	1	GEAR					
	2	6I-6585	3	GEAR (Z=44)					
	3	7Y-0223	3	SHAFT					
	4	7Y-0225	3	SHAFT					
	5	7Y-1426	1	COVER					
	6	7Y-1430	1	GEAR (Z=17)					
	7	7Y-1431	3	GEAR (Z=30)					
	8	7Y-1432	1	CARRIER					
	9	7Y-1433	1	CARRIER					
	10	7Y-1558	1	SPACER					
	11	094-0580	1	PLATE (T=10.00mm)					
	12	094-0611	6	WASHER					
	13	094-1528	6	WASHER					
	14	095-0891	6	PIN					
B	15	096-1773	1	SHIM (T=0.15mm)					
B		096-1774	1	SHIM (T=0.30mm)					
B		096-1775	1	SHIM (T=0.40mm)					
B		096-1776	1	SHIM (T=0.50mm)					
B		096-1777	1	SHIM (T=0.60mm)					
B		096-1778	1	SHIM (T=0.70mm)					
B		096-1779	1	SHIM (T=0.80mm)					
B		096-1780	1	SHIM (T=1.00mm)					
B		096-1781	1	SHIM (T=1.60mm)					
B	16	1U-8846		GASKET MAKER···(20ml)					
	17	095-1270	2	SETSCREW					
	18	3E-2338	2	PLUG					
	19	6D-0692	1	SEAL-O-RING (ID=367.89mm)					
	20	7M-8485	2	SEAL-O-RING (ID=29.74mm)					
	21	7X-2568	16	BOLT (L=180mm)					
	22	7Y-1434	1	SPACER					
	23	8T-4123	16	WASHER					
	24	114-1497	1	SEAL GP					
	25	114-1539	6	PIN					
	26	148-4705	1	GEAR (Z=104)					
	27	148-4708	1	GEAR (Z=79)					
	28	148-4715	1	GEAR (Z=55)					
	29	168-8451	2	BEARING					
	30	191-3235	1	HOUSING					
	31	191-3236	1	HOUSING					
	32	227-6034	14	BOLT (L=60mm)					
	33	094-0616	3	BEARING					
	34	094-1542	6	BEARING					

B—USE AS REQUIRED

H99641E 02

227-6035 FINAL DRIVE GP
Part of 227-6913-Page231





H89633E 01

227-6166 FASTENER GP-SWING & FINAL DR

FRAME AND BODY

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2Y-5503	2	CORK					
	2	5D-1026	1	CLAMP					
	3	096-4755	1	PIN					
	4	7X-2563	32	BOLT (L=60mm)					
	5	7X-2576	12	BOLT (L=70mm)					
	6	8T-4123	32	WASHER					
	7	8T-4167	12	WASHER					
E	8	5P-0767		HOSE…(90cm)					
B	9	1U-8846		GASKET MAKER…(15ml)					

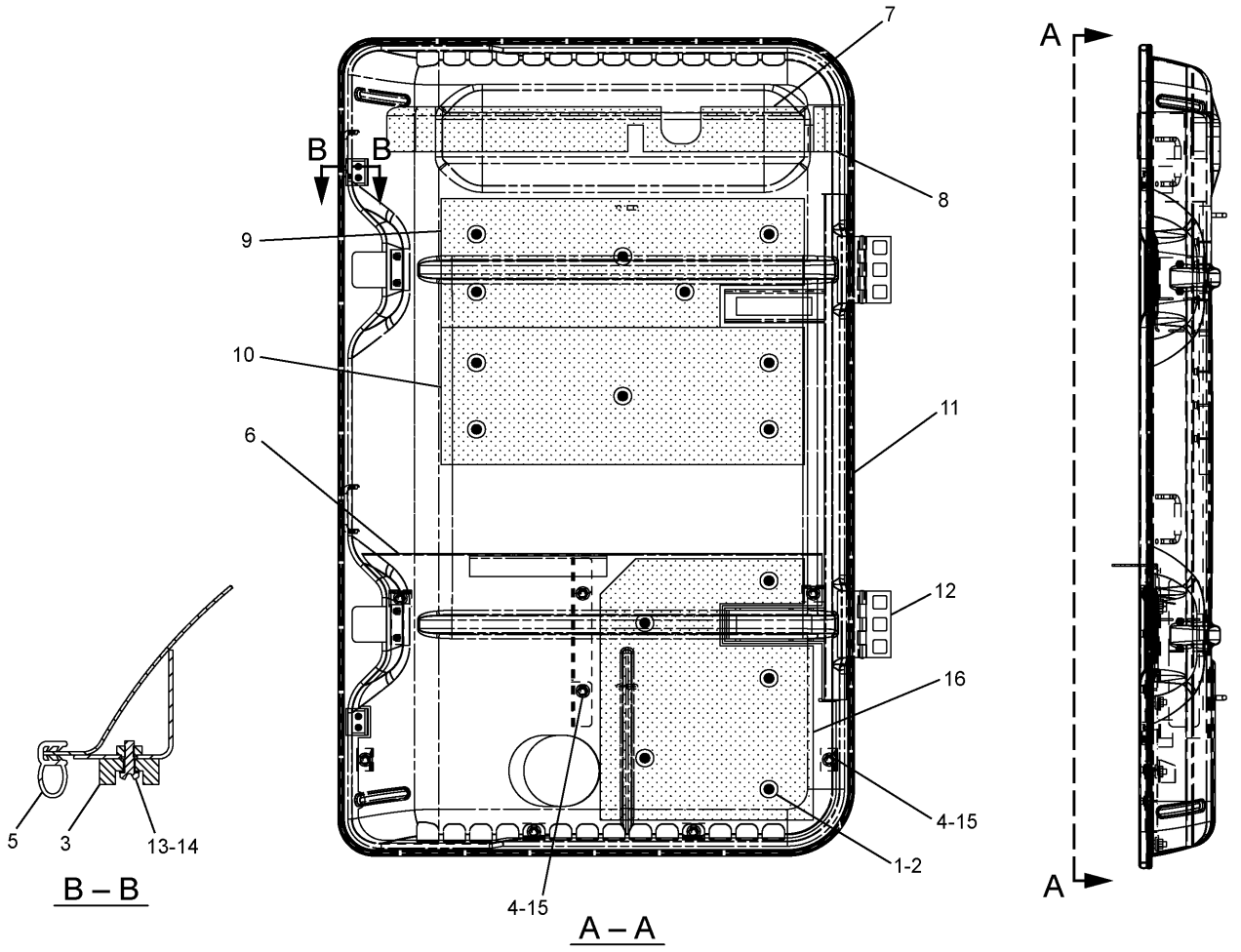
B—USE AS REQUIRED

E—ORDER BY THE CENTIMETER

H89633E 01

227-6166 FASTENER GP-SWING & FINAL DR

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4 I – 7 9 2 4	15	WASHER					
	2	6 P – 2 2 1 6	15	CAP					
	3	0 9 6 – 4 1 2 9	2	CUSHION					
	4	8 T – 4 1 9 2	8	BOLT (L=25mm)					
D	5	1 0 1 – 9 8 4 8		SEAL…(6.2m)					
	6	2 6 2 – 2 4 2 0	1	SHEET AS					
		6 P – 2 2 1 5	5	PIN					
	7	2 6 2 – 2 4 2 7	1	LINER					
	8	2 6 2 – 2 4 2 8	1	LINER					
	9	2 6 2 – 2 4 2 9	1	LINER					
	10	2 6 2 – 2 4 3 0	1	LINER					
	11	2 5 9 – 3 6 8 8	1	HOOD AS					
		6 P – 2 2 1 5	10	PIN					
	12	1 1 4 – 6 2 8 9	2	HINGE					
	13	8 T – 0 3 2 8	4	WASHER					
	14	8 T – 6 6 9 3	4	SCREW					
	15	5 P – 1 0 7 6	8	WASHER					
	16	2 6 2 – 2 4 3 2	1	LINER					

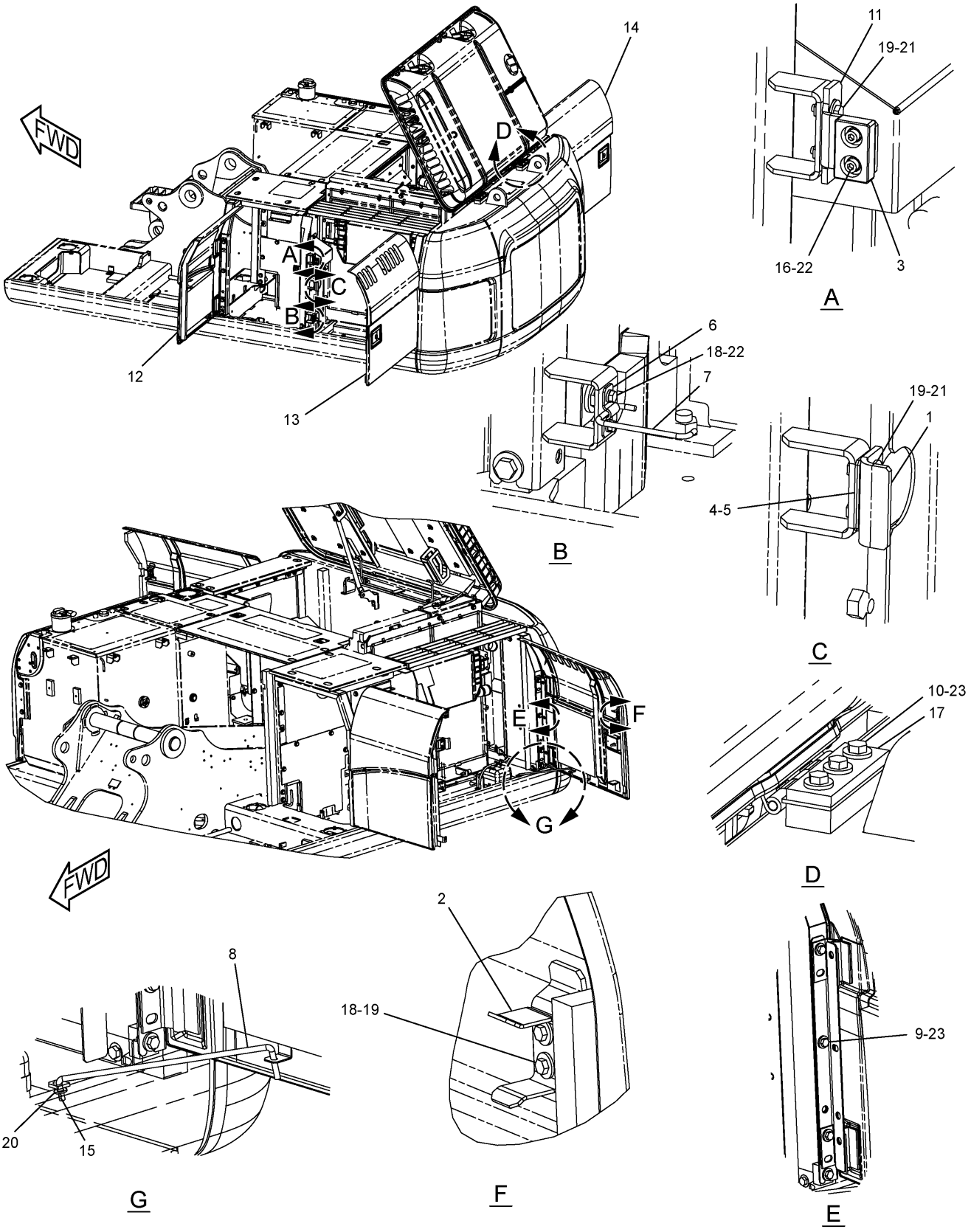
D–ORDER BY THE METER

H95232E 04

259-3687 HOOD GP-ENGINE
Part of 273-7725-Page243

MEMORANDA

FRAME AND BODY



273-7725 HOOD & GUARD GP (1/3)

289-6913-Page244,289-6911-Page245,298-2977-Page246

FRAME AND BODY

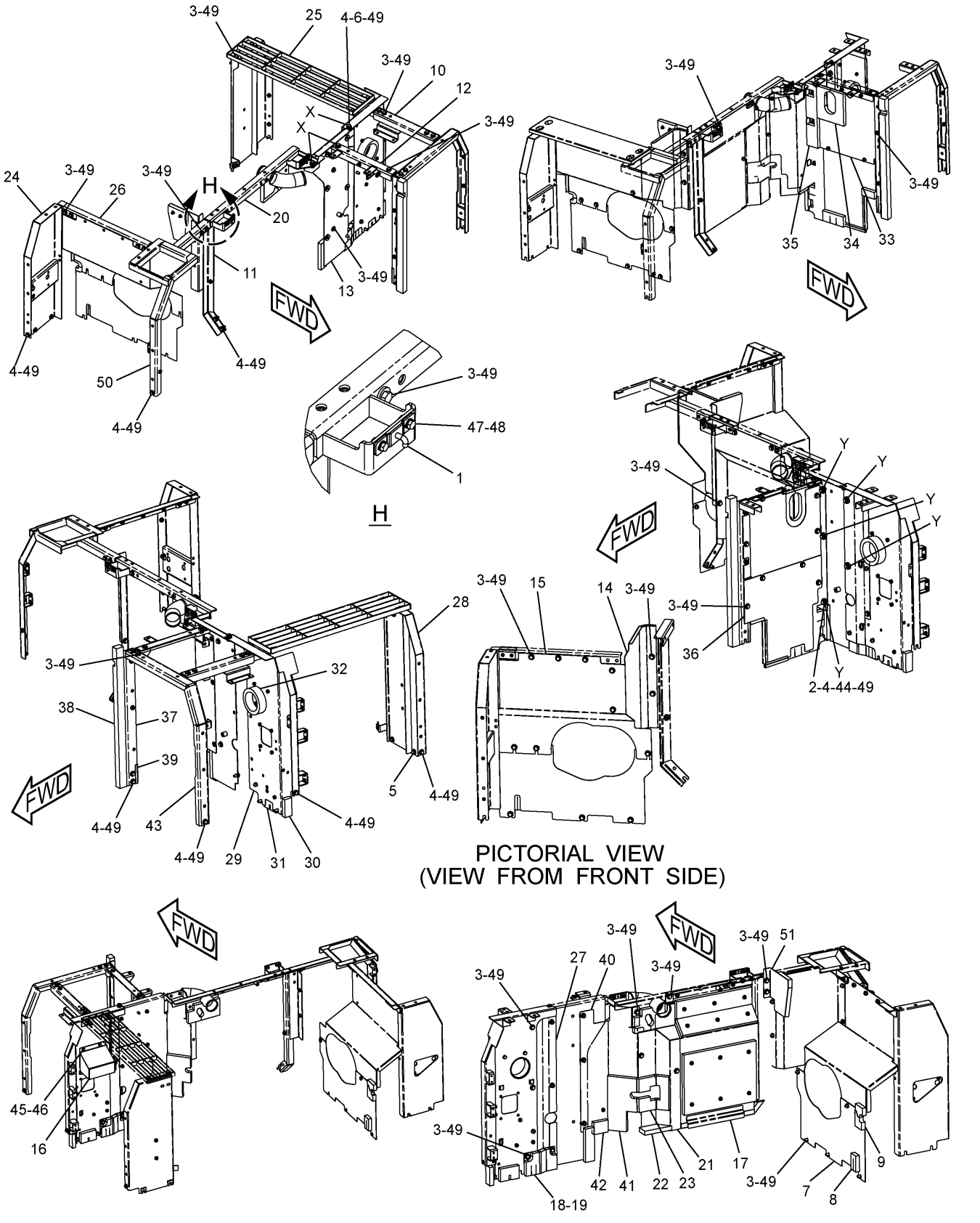
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-0232	2	STRIKER					
	2	4I-8019	3	SUPPORT					
	3	6I-6033	3	STOPPER					
	4	087-3908	4	SHIM (T=1.00mm)					
	5	087-3909	4	SHIM (T=2.00mm)					
	6	122-3979	1	BAND					
	7	122-3980	1	ROD					
	8	122-4120	3	ROD					
	9	8T-4139	9	BOLT (L=30mm)					
	10	8T-4183	6	BOLT (L=40mm)					
	11	190-6880	3	SUPPORT AS					
Y	12	298-2977	1	DOOR AS					
Y	13	289-6911	1	DOOR GP					
Y	14	289-6913	1	DOOR GP					
	15	3B-4618	3	COTTER					
	16	105-3487	6	BOLT (L=20mm)					
	17	114-6285	2	BAR					
	18	5C-9553	8	BOLT (L=16mm)					
	19	5P-4115	16	WASHER					
	20	8T-4121	3	WASHER					
	21	8T-4138	10	BOLT (L=20mm)					
	22	9X-8256	8	WASHER					
	23	5P-1076	15	WASHER					

Y—SEE SEPARATE ILLUSTRATION

H98034E 10

273-7725 HOOD & GUARD GP (1/3)

289-6913-Page244,289-6911-Page245,298-2977-Page246



273-7725 HOOD & GUARD GP (2/3)
289-6695-Page249,298-3033-Page250

FRAME AND BODY

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-0118	2	HOOK AS		51	307-7700	1	SHEET AS
	2	7Y-2853	5	SPACER			307-7702	1	INSULATION
	3	8T-4192	52	BOLT (L=25mm)			6P-2216	3	CAP
	4	8T-4139	21	BOLT (L=30mm)					
	5	8T-4956	2	BOLT (L=35mm)					
	6	170-3016	9	SPACER					
	7	289-6572	1	SHEET AS					
	8	283-3905	1	LINER					
	9	286-6277	1	LINER					
	10	244-8242	1	SUPPORT AS					
	11	298-3038	1	SUPPORT AS					
	12	244-8255	1	SUPPORT AS					
	13	248-8940	1	SUPPORT AS					
	14	293-6982	1	SHEET AS					
	15	286-6220	1	SHEET AS					
		286-6276	1	LINER					
	16	262-2324	1	COVER AS					
Y	17	298-3033	1	SHEET AS					
	18	262-2363	1	SHEET AS					
	19	262-2365	1	LINER					
	20	298-3041	1	SUPPORT AS					
		278-3832	1	LINER					
	21	278-3842	1	SHEET AS					
	22	204-3663	1	LINER					
	23	199-7398	1	LINER					
	24	286-6359	1	SUPPORT AS					
	25	244-8219	1	SUPPORT AS					
	26	244-8228	1	SUPPORT AS					
	27	283-3911	1	SHEET AS					
	28	289-6583	1	SUPPORT AS					
	29	307-7662	1	SUPPORT AS					
	30	244-8277	1	LINER					
	31	244-8278	1	LINER					
	32	244-8288	1	LINER					
	33	289-6588	1	SHEET AS					
	34	278-3837	1	LINER					
	35	262-2313	1	LINER					
Y	36	289-6695	1	SHEET AS					
	37	289-6698	1	SUPPORT AS					
	38	244-8198	1	LINER					
	39	129-3400	1	GUARD					
	40	289-6699	1	SHEET AS					
	41	262-2309	1	LINER					
	42	289-6700	1	LINER					
	43	289-6805	1	SUPPORT AS					
	44	7Y-2854	5	SPACER					
	45	8T-4121	2	WASHER					
	46	8T-4137	2	BOLT (L=20mm)					
	47	8T-4189	4	BOLT (L=20mm)					
	48	8T-4224	4	WASHER					
	49	5P-1076	73	WASHER					
	50	244-8234	1	SUPPORT AS					

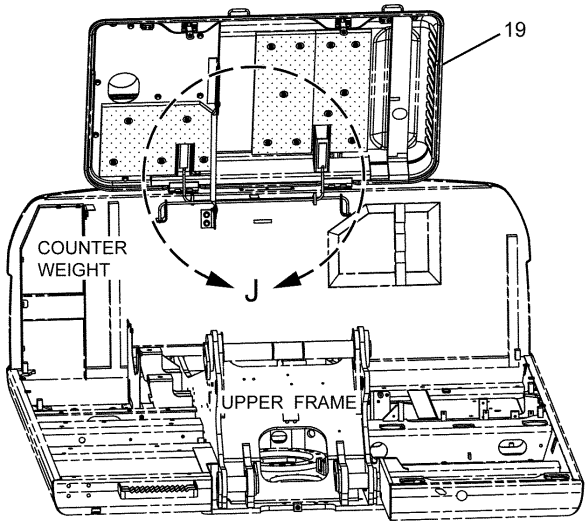
Y—SEE SEPARATE ILLUSTRATION

H98035E 10

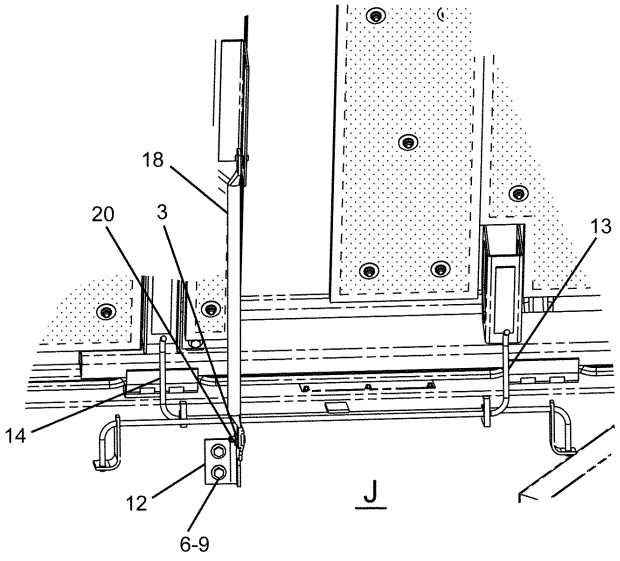
273-7725 HOOD & GUARD GP (2/3)

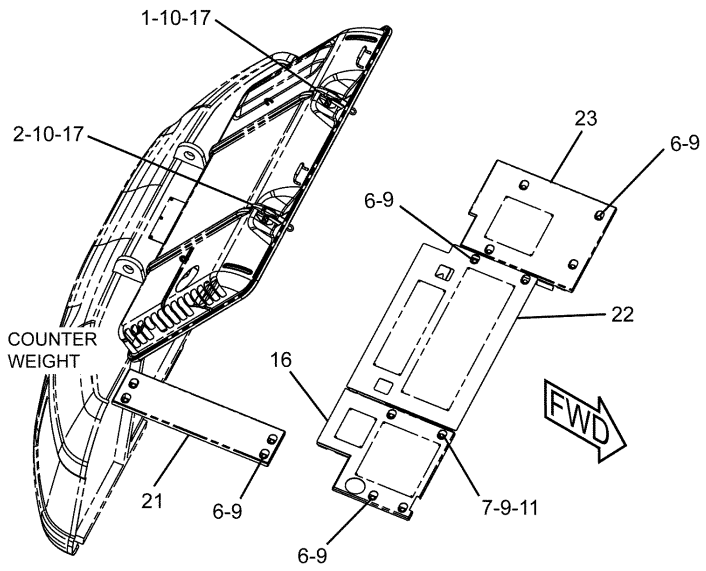
289-6695-Page249,298-3033-Page250

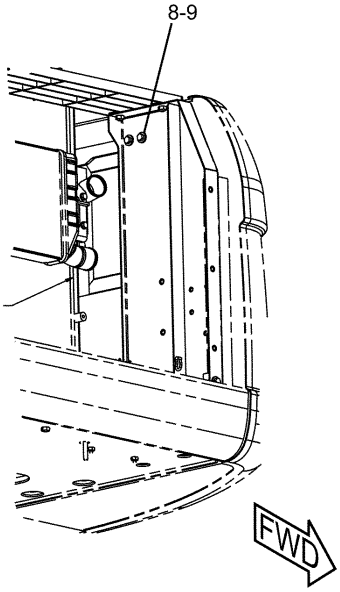
FRAME AND BODY

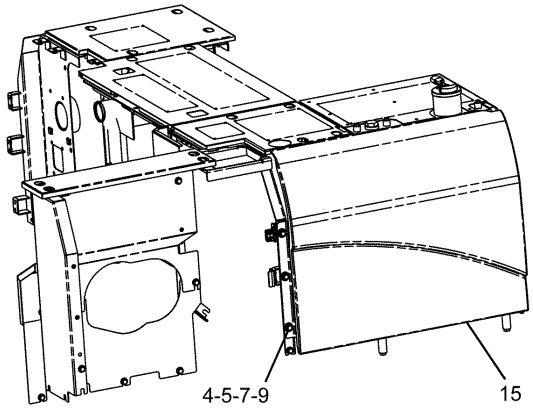


FRONT VIEW

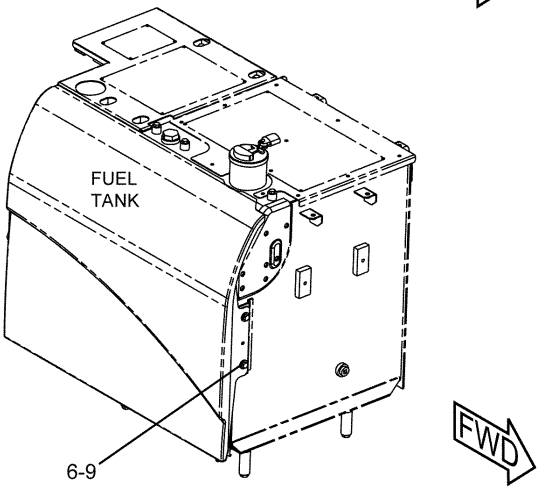








RIGHT SIDE VIEW



H98036E 10

273-7725 HOOD & GUARD GP (3/3)

259-3687-Page236,298-2979-Page247

FRAME AND BODY

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	1R-9958	1	FASTENER					
	2	4I-0117	1	FASTENER					
	3	8T-4223	2	WASHER					
	4	7Y-2853	3	SPACER					
	5	7Y-2854	3	SPACER					
	6	8T-4192	16	BOLT (L=25mm)					
	7	8T-4139	5	BOLT (L=30mm)					
	8	8T-4956	2	BOLT (L=35mm)					
	9	5P-1076	21	WASHER					
	10	8T-4224	4	WASHER					
	11	170-3016	6	SPACER					
	12	184-8423	1	SUPPORT AS					
	13	203-4889	1	SPRING					
	14	203-4890	1	SPRING					
Y	15	298-2979	1	DOOR AS					
	16	244-8207	1	COVER AS					
		190-7081	2	SHEET					
	17	8T-4908	4	BOLT (L=25mm)					
	18	116-1628	1	SUPPORT AS					
Y	19	259-3687	1	HOOD GP					
	20	3B-4618	1	COTTER					
	21	262-2353	1	COVER AS					
	22	298-3044	1	COVER AS					
	23	244-8202	1	COVER AS					

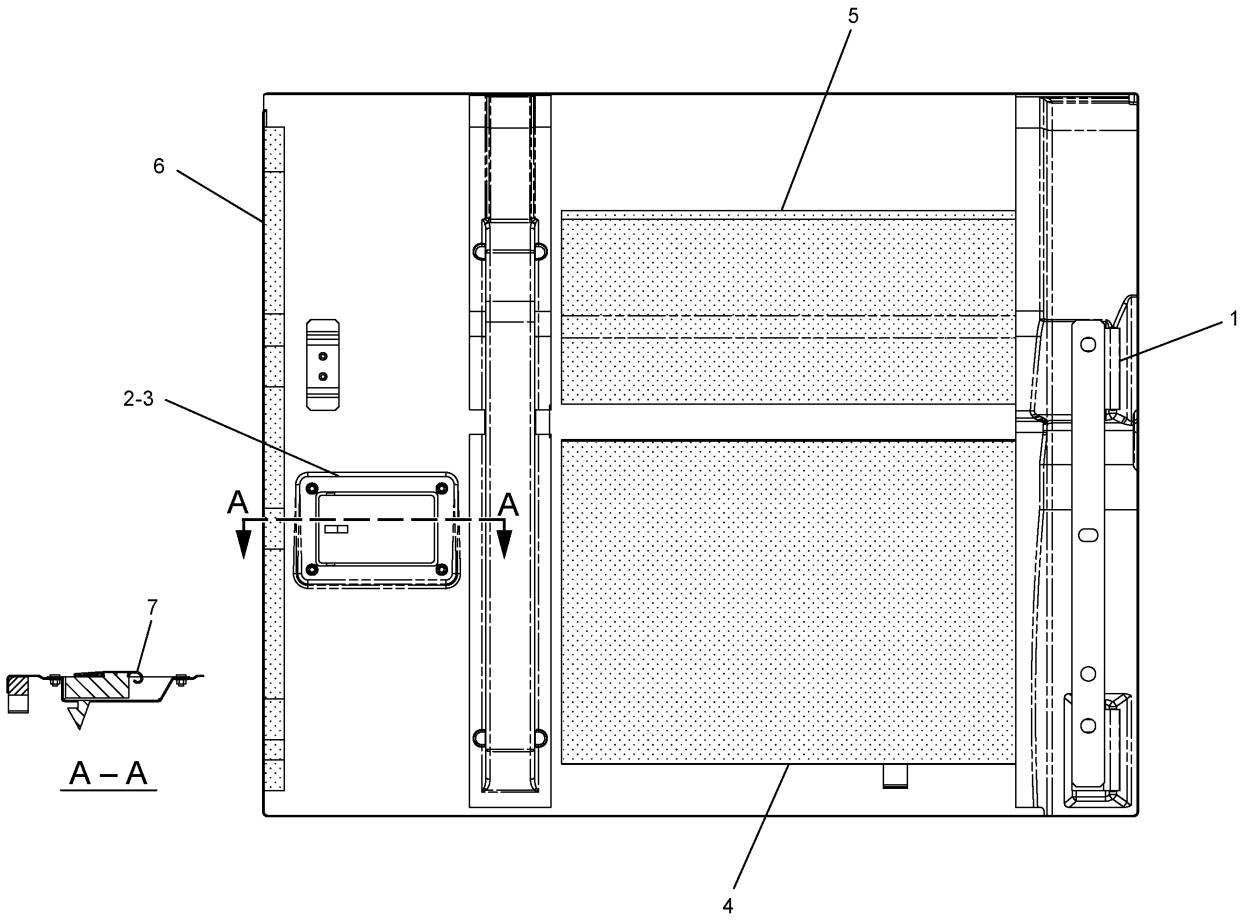
Y—SEE SEPARATE ILLUSTRATION

H98036E 10

273-7725 HOOD & GUARD GP (3/3)

259-3687-Page236,298-2979-Page247

FRAME AND BODY

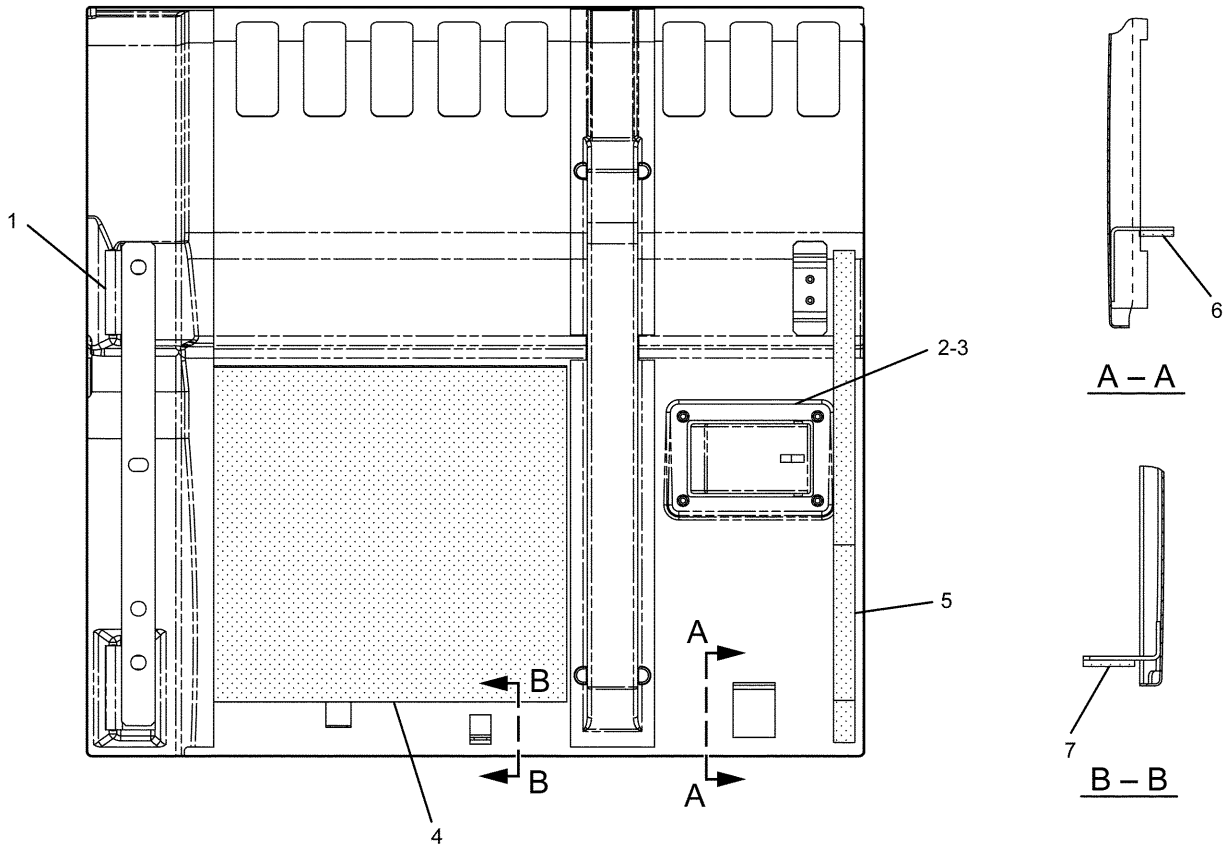


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	165-2976	2	HINGE					
	2	298-2942	1	LOCK AS					
	3	099-6418	4	NUT					
	4	244-7928	1	INSULATION					
	5	244-7927	1	INSULATION					
	6	248-8961	1	LINER					
	7	184-8862	1	COVER					

H96906E 03

289-6913 DOOR GP
Part of 273-7725-Page239

FRAME AND BODY

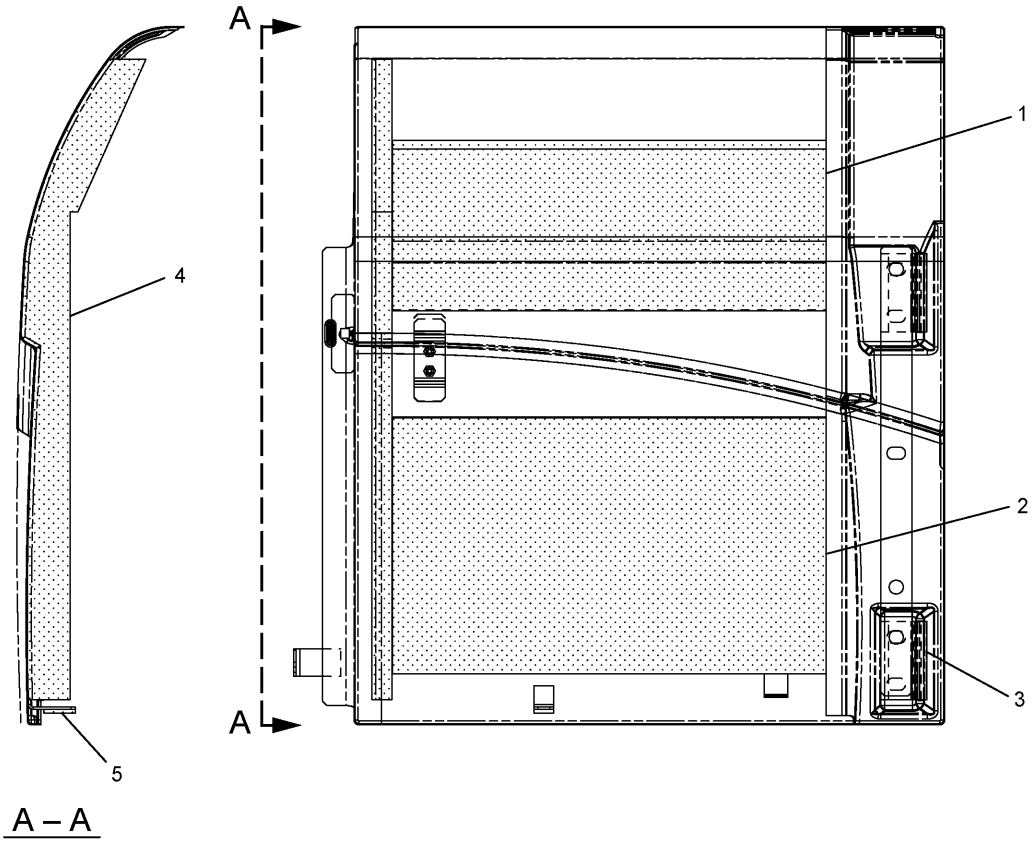


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	165-2976	2	HINGE					
	2	298-2942	1	LOCK AS					
	3	099-6418	4	NUT					
	4	244-7929	1	INSULATION					
	5	177-6395	1	LINER					
	6	122-4101	1	RUBBER					
	7	208-4289	1	CUSHION					

H96907E 02

289-6911 DOOR GP
Part of 273-7725-Page239

FRAME AND BODY

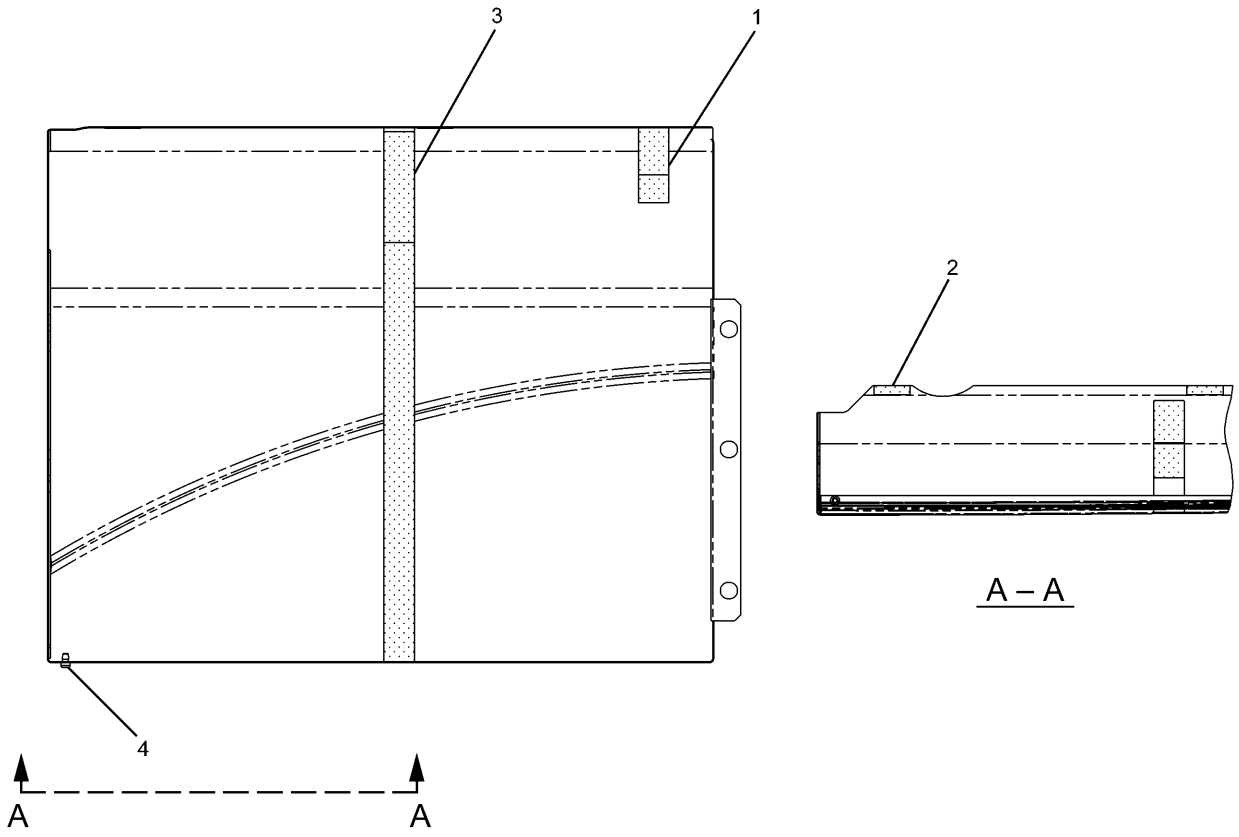


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	236-3747	1	INSULATION					
	2	236-3748	1	INSULATION					
	3	165-2976	2	HINGE					
	4	250-5054	1	LINER					
	5	208-4289	1	CUSHION					

H96417E 01

298-2977 DOOR AS
Part of 273-7725-Page239

FRAME AND BODY

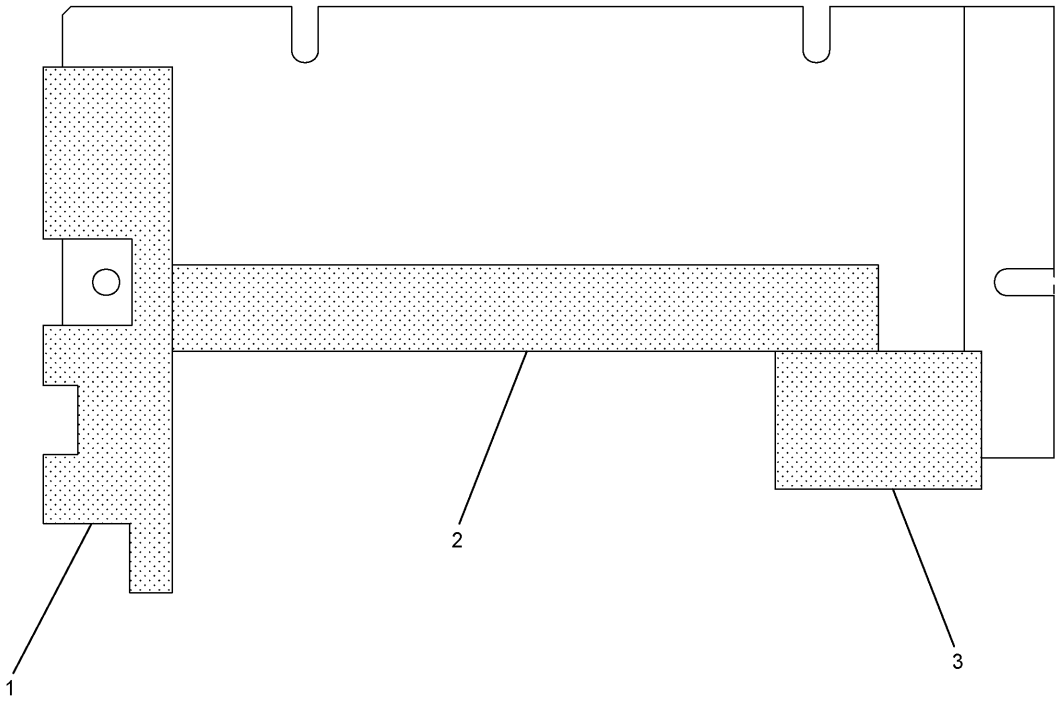


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	177-5739	1	LINER					
	2	240-2978	2	LINER					
	3	240-2979	1	LINER					
	4	170-3015	1	BUMPER					

H95228E 00

298-2979 DOOR AS
Part of 273-7725-Page243

FRAME AND BODY

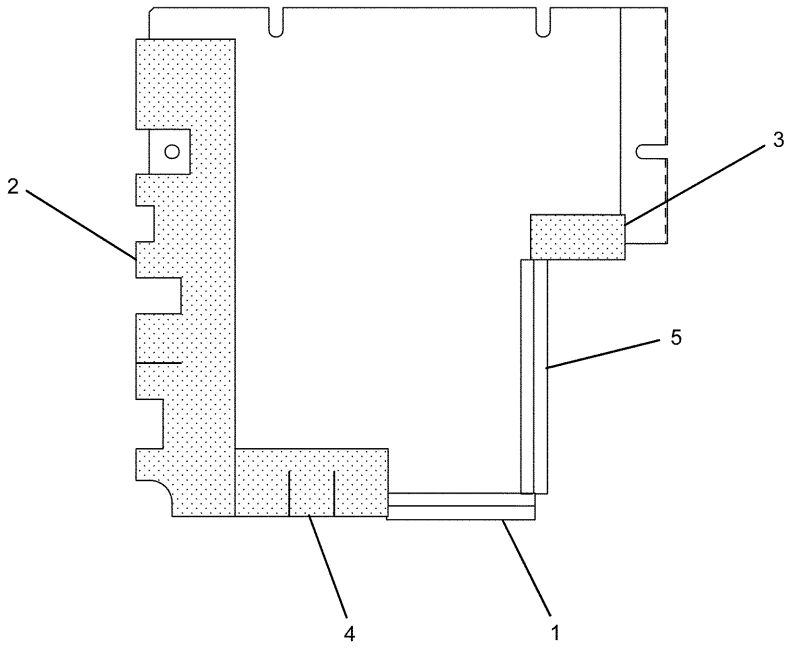


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	289-6713	1	LINER					
	2	262-2333	1	LINER					
	3	262-2335	1	LINER					

H94464E 00

289-6712 SHEET AS
Part of 299-2783-Page151
An Attachment

FRAME AND BODY



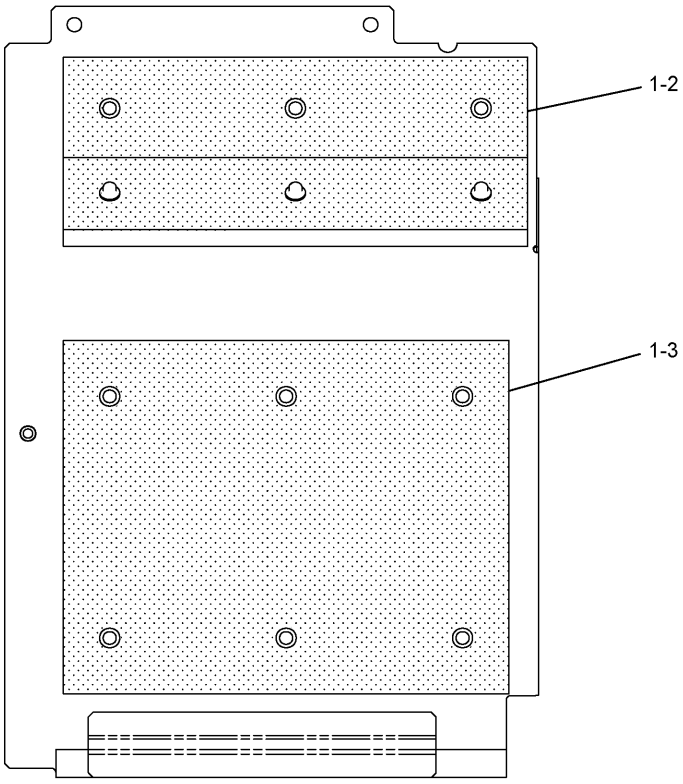
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
D	1	5P-8309		SEAL…(0.20m)					
	2	289-6697	1	LINER					
	3	244-8284	1	LINER					
	4	262-2347	1	LINER					
D	5	5P-8309		SEAL…(0.30m)					

D—ORDER BY THE METER

H93633E 00

289-6695 SHEET AS
Part of 273-7725-Page241

FRAME AND BODY

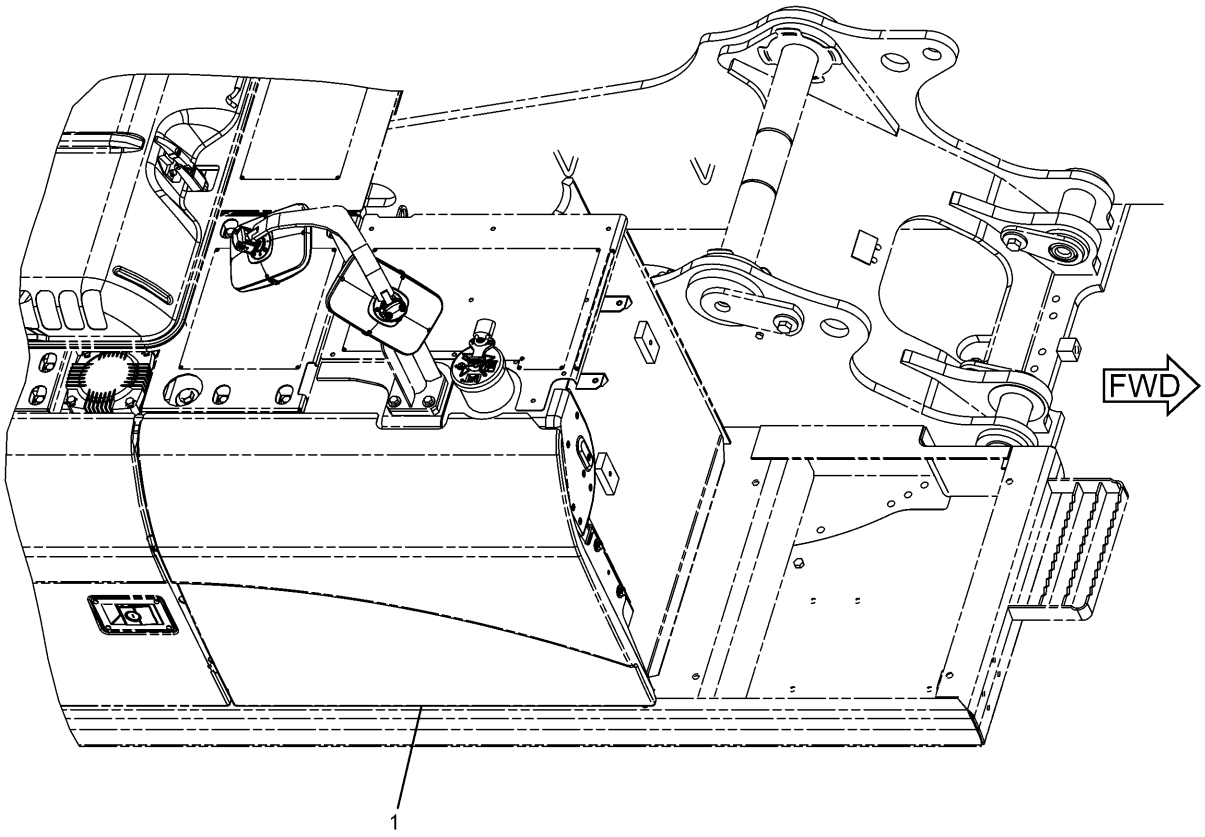


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6P-2216	12	CAP					
	2	262-2346	2	INSULATION					
	3	298-3037	1	INSULATION					

H95132E 00

298-3033 SHEET AS
Part of 273-7725-Page241

FRAME AND BODY



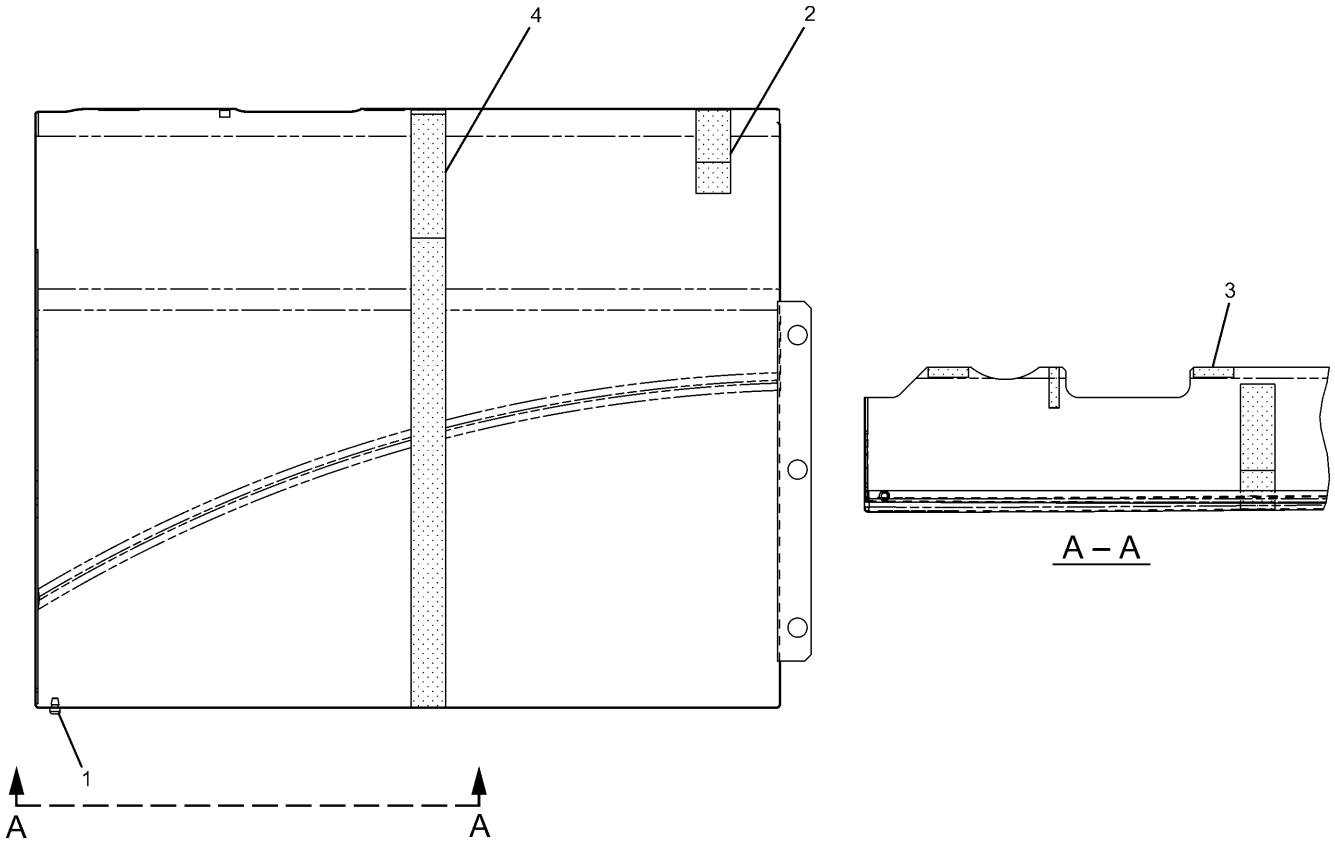
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	330-1427	1	DOOR AS					

Y—SEE SEPARATE ILLUSTRATION

HA0834E 00

330-1426 HOOD GP
Part of 330-1194-Page665.01
330-1427-Page250.02
An Attachment

FRAME AND BODY

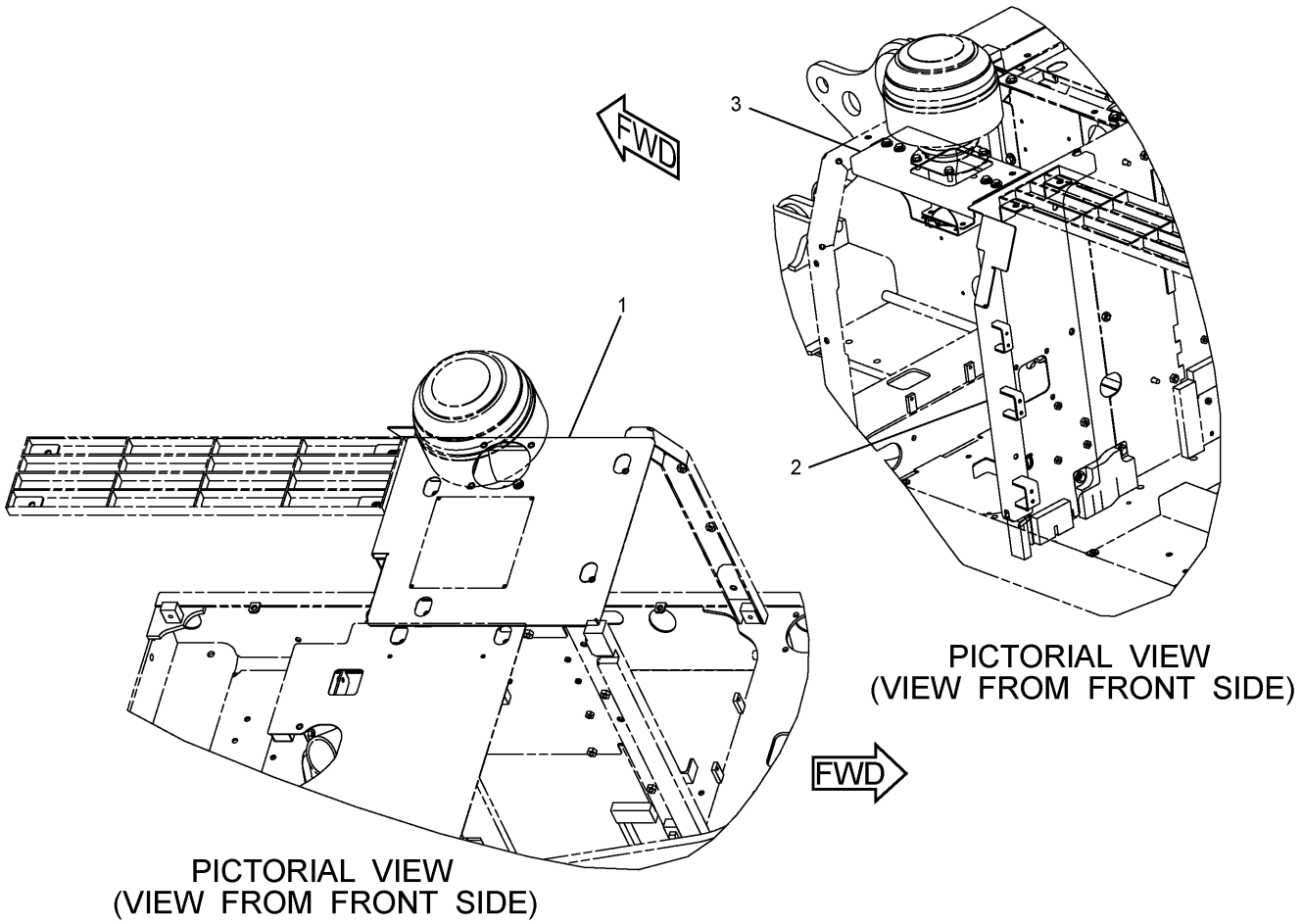


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	170-3015	1	BUMPER					
	2	177-5739	1	LINER					
	3	240-2978	3	LINER					
	4	240-2979	1	LINER					

HA0835E 00

330-1427 DOOR AS
Part of 330-1426-Page250.01
An Attachment

FRAME AND BODY



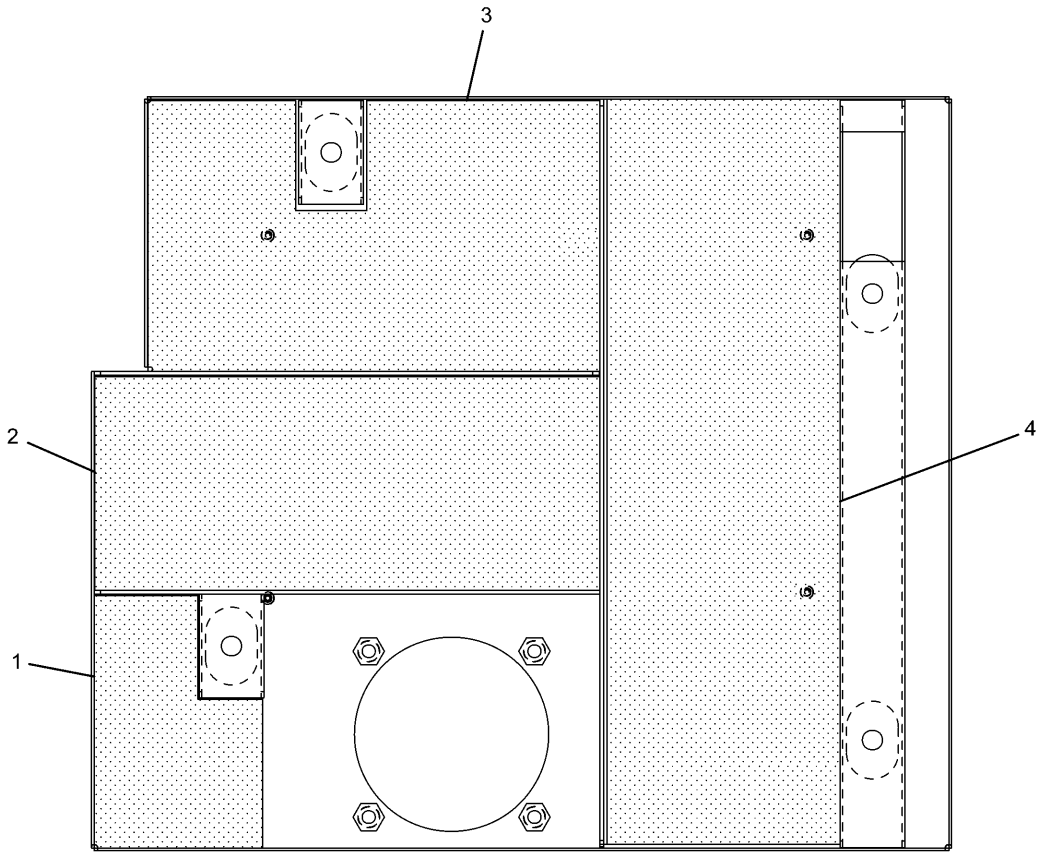
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	268-0749	1	COVER AS					
	2	304-0093	1	SUPPORT AS					
	3	273-7774	1	SUPPORT AS					

Y—SEE SEPARATE ILLUSTRATION

H96923E 01

278-3778 HOOD GP
Precleaner
Part of 264-8671-Page66
268-0749-Page252
An Attachment

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	273-7847	1	INSULATION					
	2	273-7848	1	INSULATION					
	3	273-7849	1	INSULATION					
	4	248-8930	1	INSULATION					

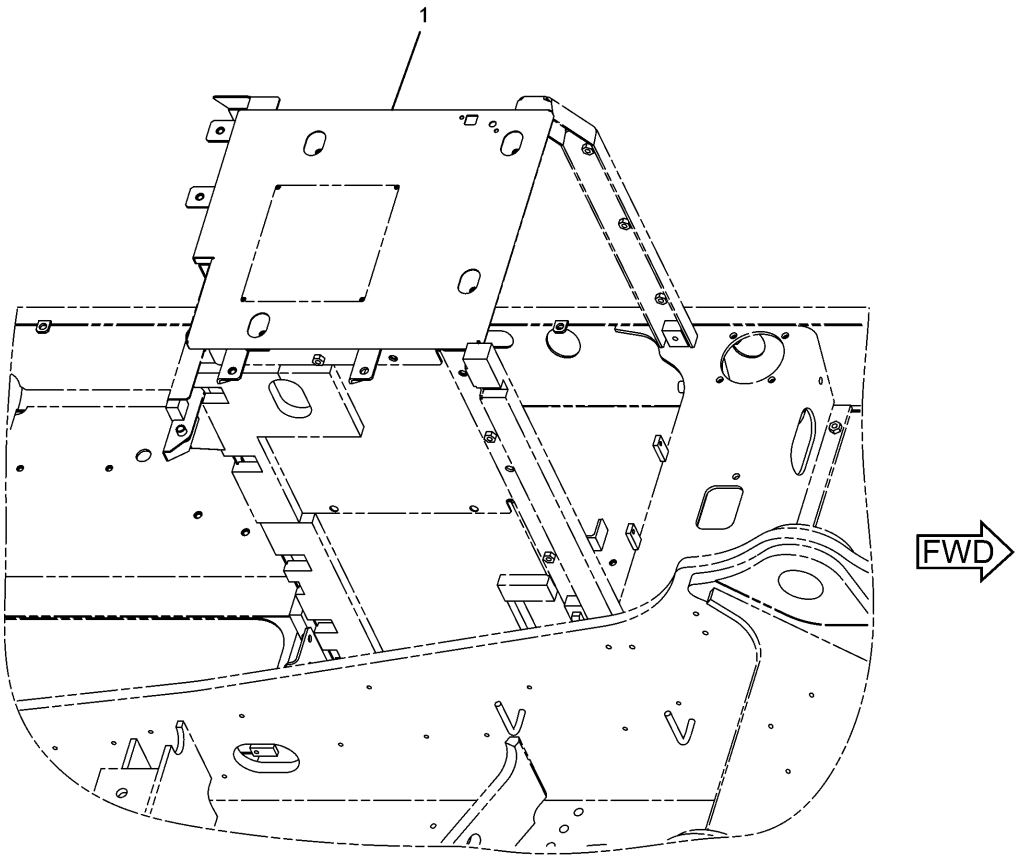
H95515E 02

268-0749 COVER AS

Part of 278-3778-Page251

An Attachment

FRAME AND BODY

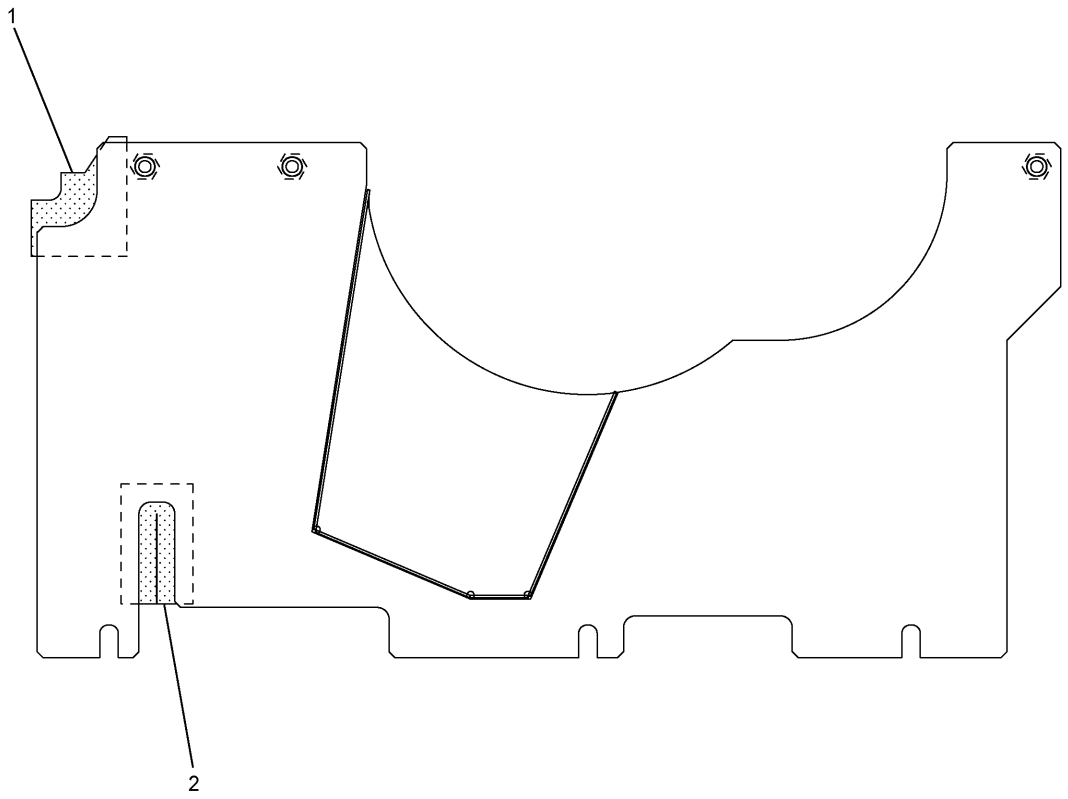


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	278-3562	1	COVER AS					

H90626E 00

278-3561 COVER GP
Product Link Japan
Part of 275-3668-Page195
An Attachment

FRAME AND BODY

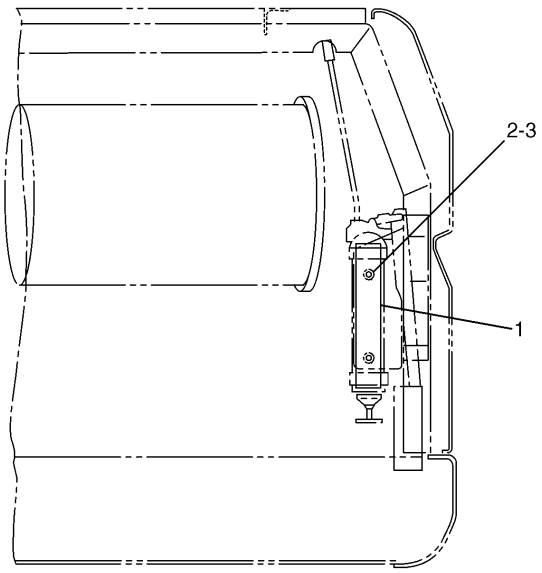


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	286-6277	1	LINER					
	2	283-3905	1	LINER					

H94772E 00

298-2995 SHEET AS
Part of 290-1912-Page347
An Attachment

FRAME AND BODY



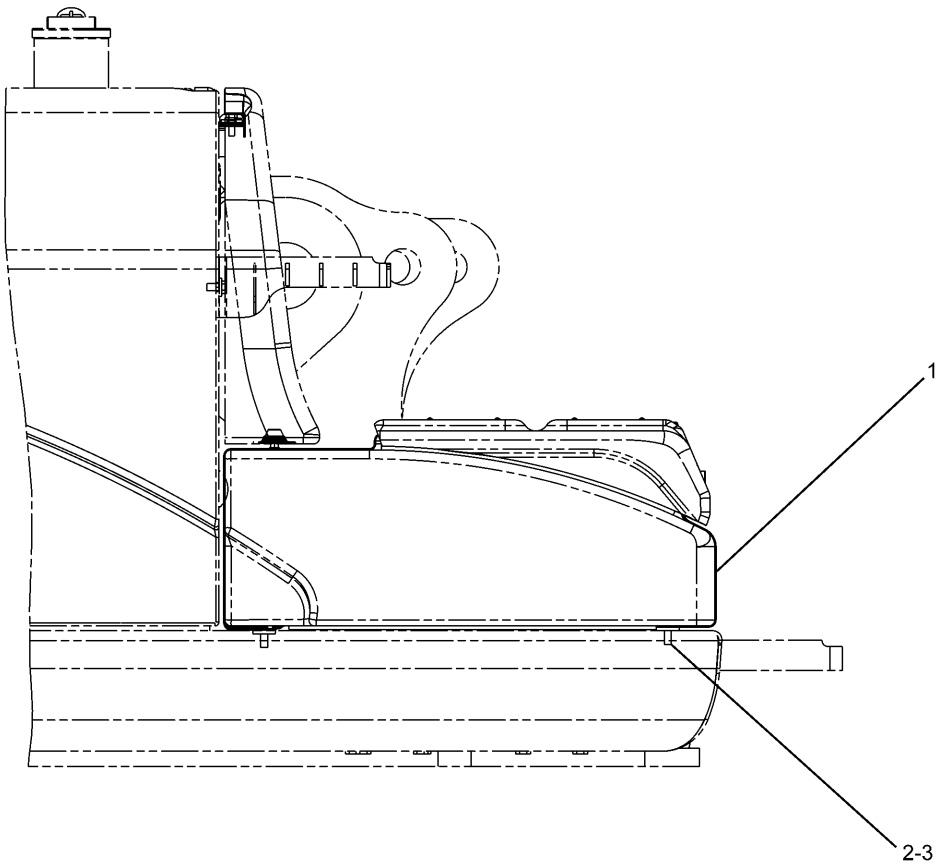
NOTE	No.	PART No.	QTY	PART NAME
	1	4I-8384	1	SUPPORT
	2	8T-4179	2	BOLT (L=20mm)
	3	8T-4223	2	WASHER

H52846E 01

7I-0800 MOUNTING GP-GREASE GUN

Part of 176-2676-Page825
An Attachment

FRAME AND BODY



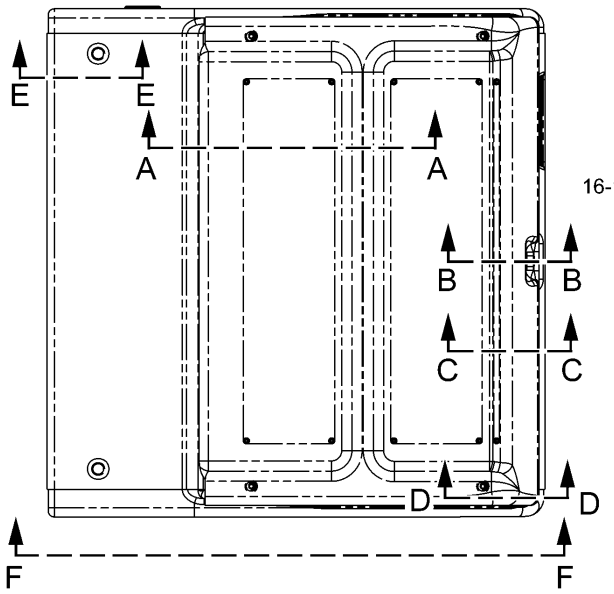
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	223-3041	1	BOX GP					
	2	5P-1076	4	WASHER					
	3	8T-4956	4	BOLT (L=35mm)					

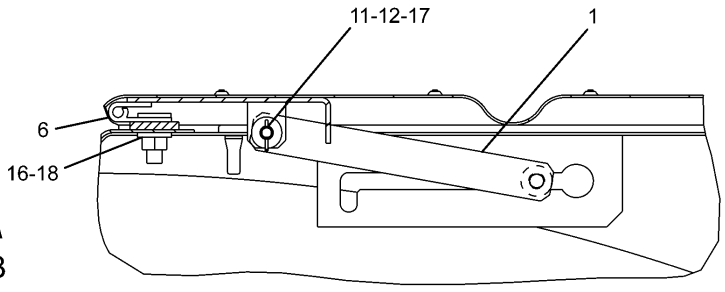
Y—SEE SEPARATE ILLUSTRATION

H89256E 02

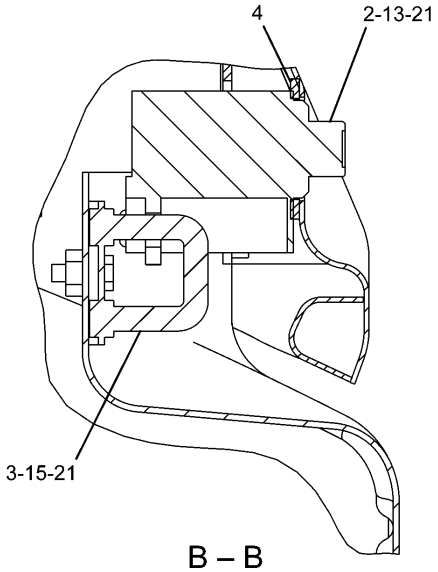
223-3040 BOX & MTG GP-STORAGE
223-3041-Page258

MEMORANDA

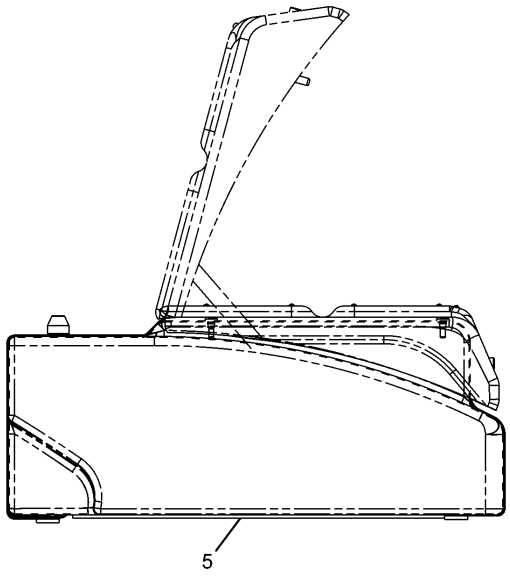




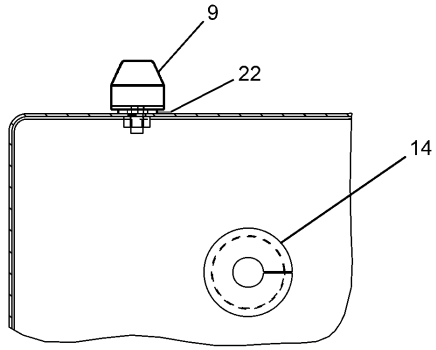
A – A



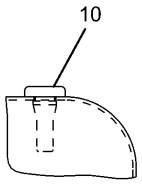
B – B



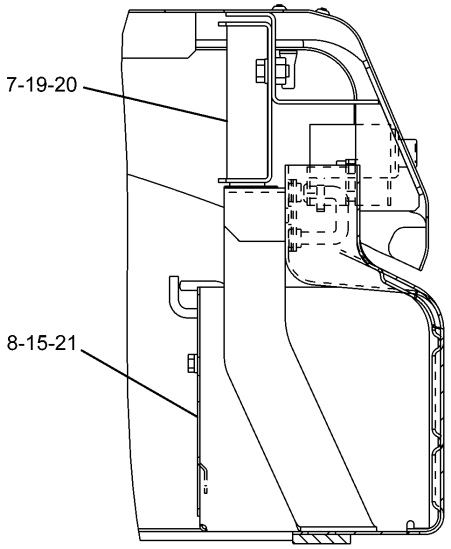
F – F



E – E



D – D



C – C

H92439E 08

223-3041 BOX GP-STORAGE
Part of 223-3040-Page256

FRAME AND BODY

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-2187	1	SUPPORT AS					
	2	236-3669	1	LOCK AS					
	3	236-3670	1	STRIKER AS					
	4	236-3671	1	SEAL					
	5	236-9435	1	BOX AS					
	6	3D-9143	2	HINGE					
	7	236-9438	1	PLUNGER AS					
	8	236-9440	1	SHEET					
	9	273-7964	2	MOUNT					
	10	278-3581	4	CUSHION					
	11	095-0843	1	COTTER					
	12	096-3780	1	PIN					
	13	105-3487	4	BOLT (L=20mm)					
	14	170-9360	1	GROMMET					
	15	5C-9553	3	BOLT (L=16mm)					
	16	5P-1075	4	WASHER					
	17	5P-4116	1	WASHER					
	18	8T-4133	4	NUT					
	19	8T-4200	2	BOLT (L=16mm)					
	20	8T-4224	2	WASHER					
	21	9X-8256	7	WASHER					
B	22	8T-4223	2	WASHER					

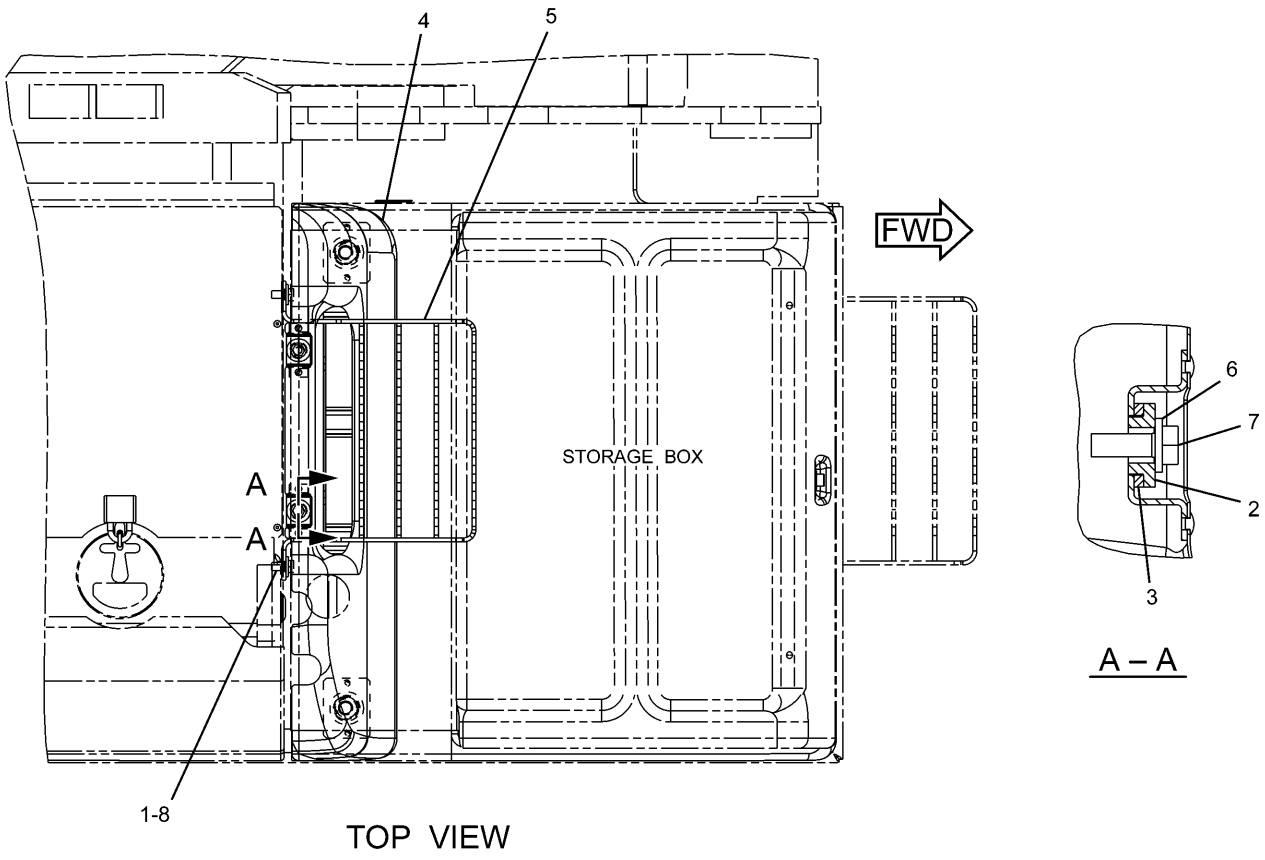
B—USE AS REQUIRED

H92439E 08

223-3041 BOX GP-STORAGE

Part of 223-3040-Page256

FRAME AND BODY



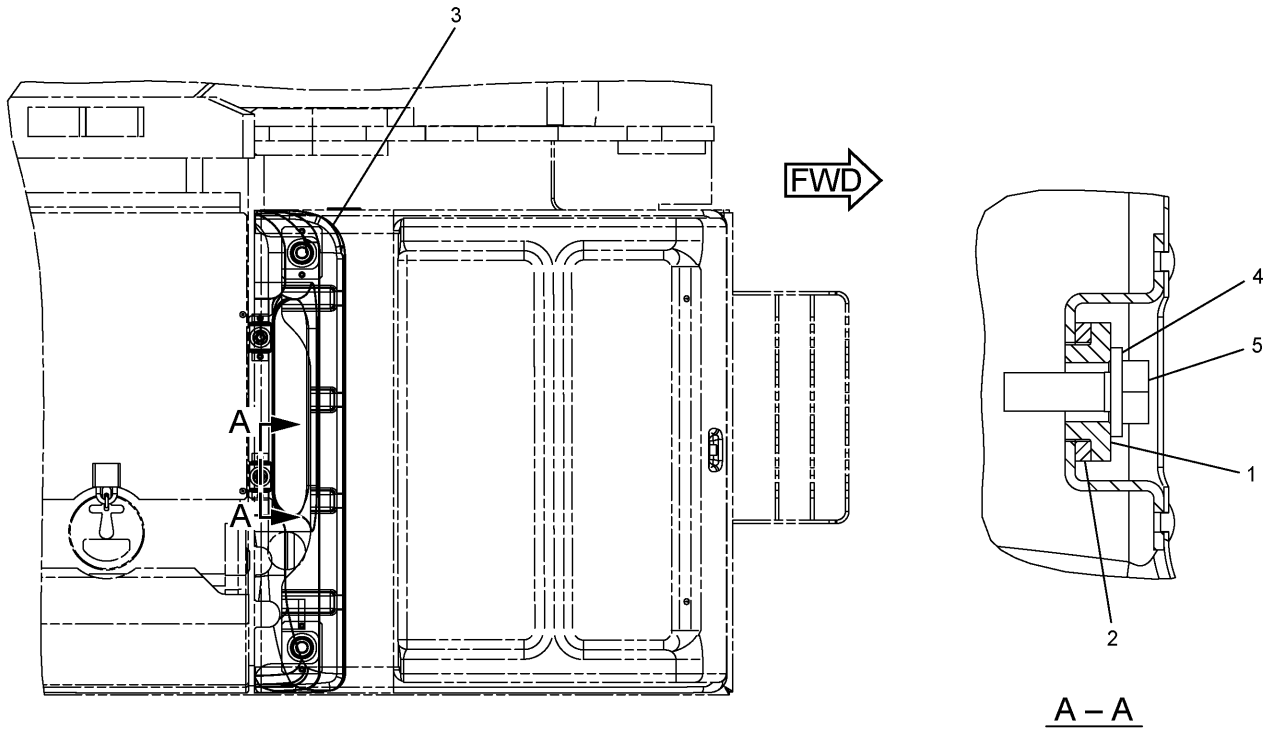
TOP VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-4192	2	BOLT (L=25mm)					
	2	236-3702	2	SPACER					
	3	236-3703	2	WASHER					
	4	236-9570	1	COVER AS					
		278-3818	1	LINER					
	5	259-3543	1	STEP AS					
	6	5P-1075	2	WASHER					
	7	8T-4195	2	BOLT (L=30mm)					
	8	5P-1076	2	WASHER					

H91197E 03

223-3042 FENDER & COVER GP

FRAME AND BODY



TOP VIEW

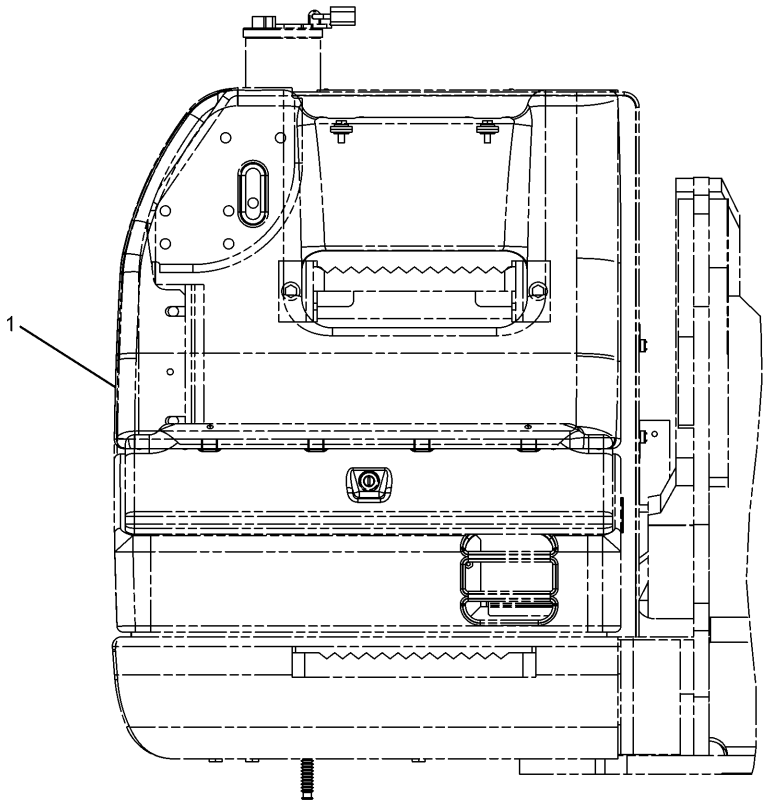
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	236-3702	2	SPACER					
	2	236-3703	2	WASHER					
	3	270-9979	1	COVER AS					
		278-3818	1	LINER					
	4	5P-1075	2	WASHER					
	5	8T-4195	2	BOLT (L=30mm)					

H96354E 01

270-9972 FENDER & COVER GP

S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment

FRAME AND BODY



FRONT VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	330-1167	1	COVER AS					
		278-3818	1	LINER					

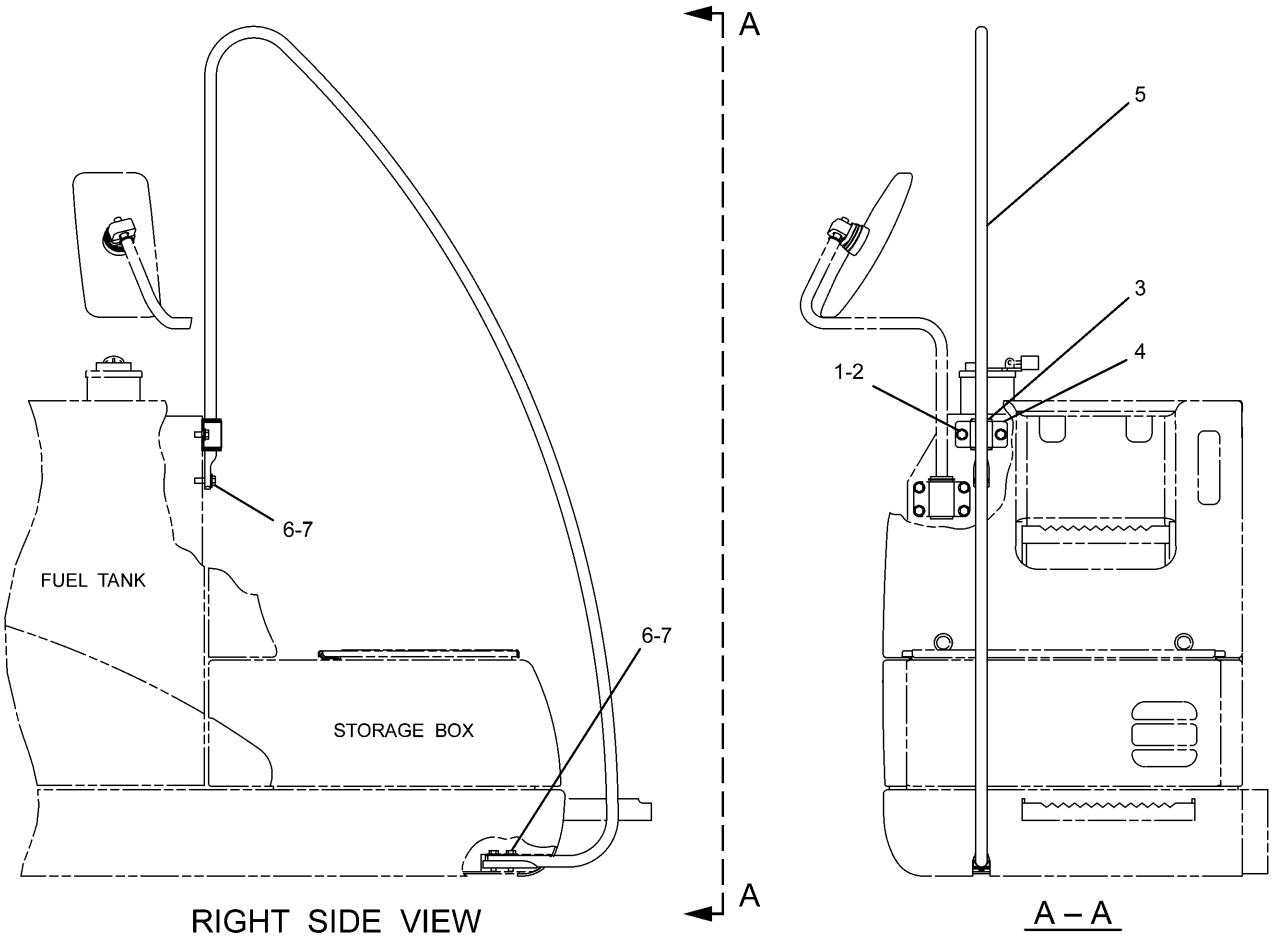
HA0833E 00

330-1166 FENDER & COVER GP

Part of 330-1194-Page665.01
An Attachment

MEMORANDA

FRAME AND BODY



RIGHT SIDE VIEW

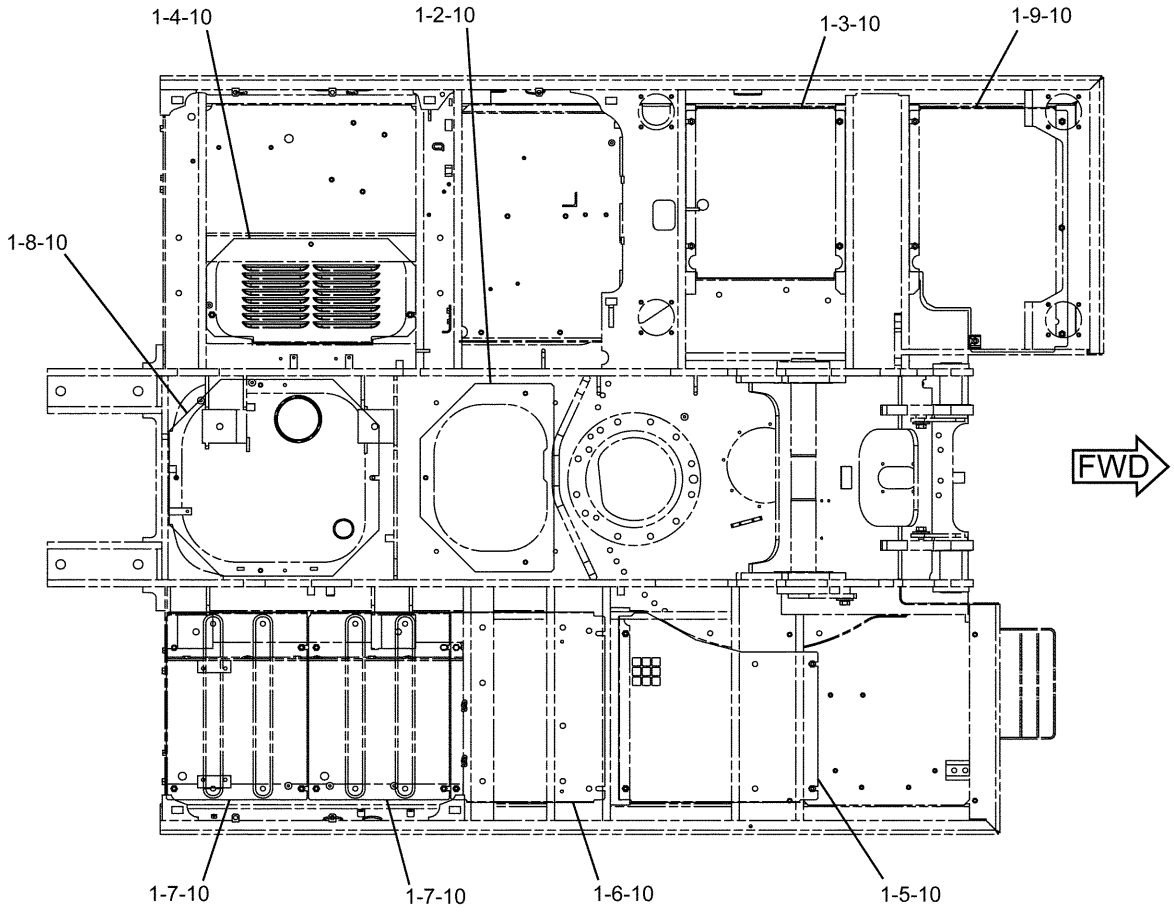
A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-4223	2	WASHER					
	2	8T-4192	2	BOLT (L=25mm)					
	3	177-5880	2	SLEEVE					
	4	177-5879	1	CLAMP					
	5	177-5877	1	HANDHOLD AS					
	6	8T-4183	3	BOLT (L=40mm)					
	7	5P-1076	3	WASHER					

H89547E 08

142-3835 HANDHOLD GP

FRAME AND BODY



TOP VIEW

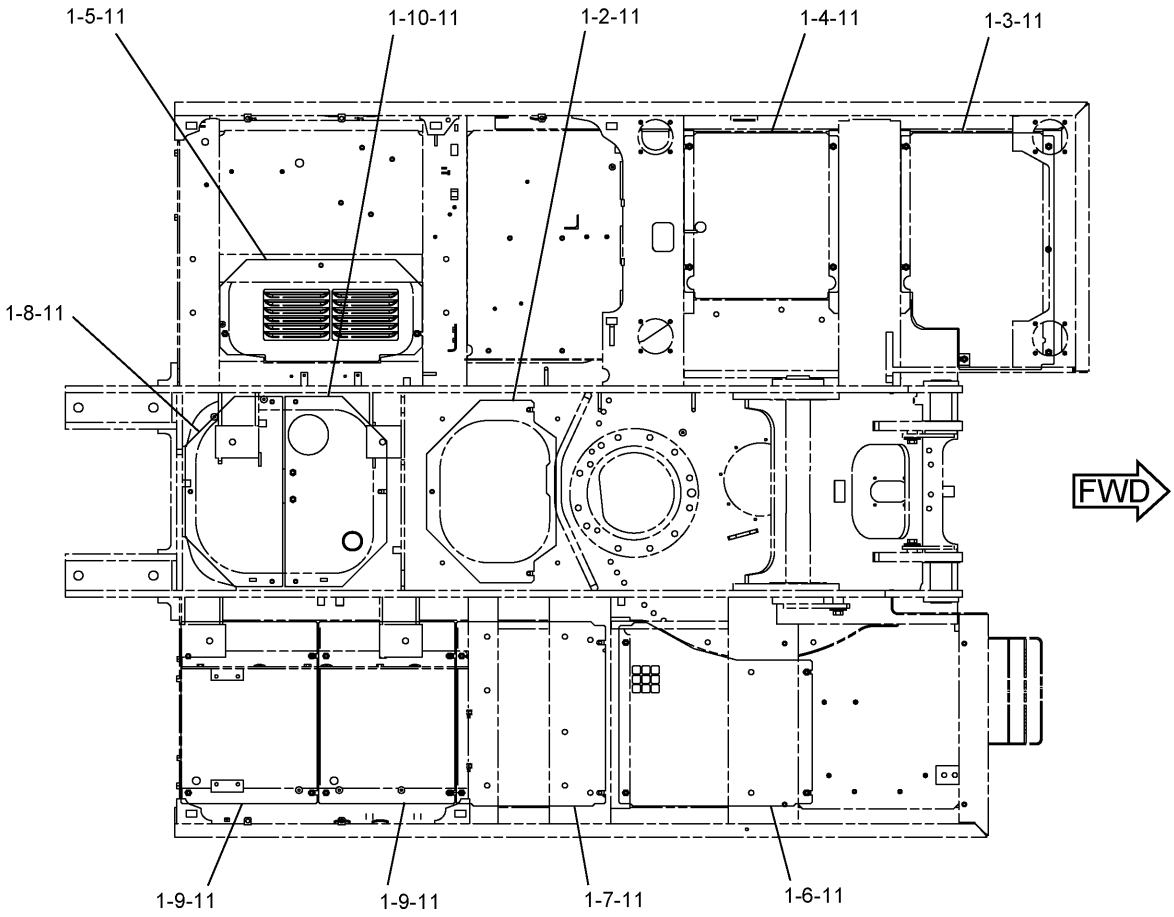
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8C-8992	36	BOLT (L=30mm)					
	2	165-2823	1	SHEET					
	3	248-8992	1	SHEET					
	4	248-8993	1	SHEET					
	5	248-8994	1	SHEET					
	6	248-8995	1	SHEET					
	7	273-7674	2	SHEET					
	8	286-6281	1	SHEET AS					
	9	289-6603	1	SHEET					
	10	5P-1076	36	WASHER					

H93722E 00

289-6424 GUARD GP-BOTTOM

S/N BWZ 1-Up, DFB 1-Up

FRAME AND BODY



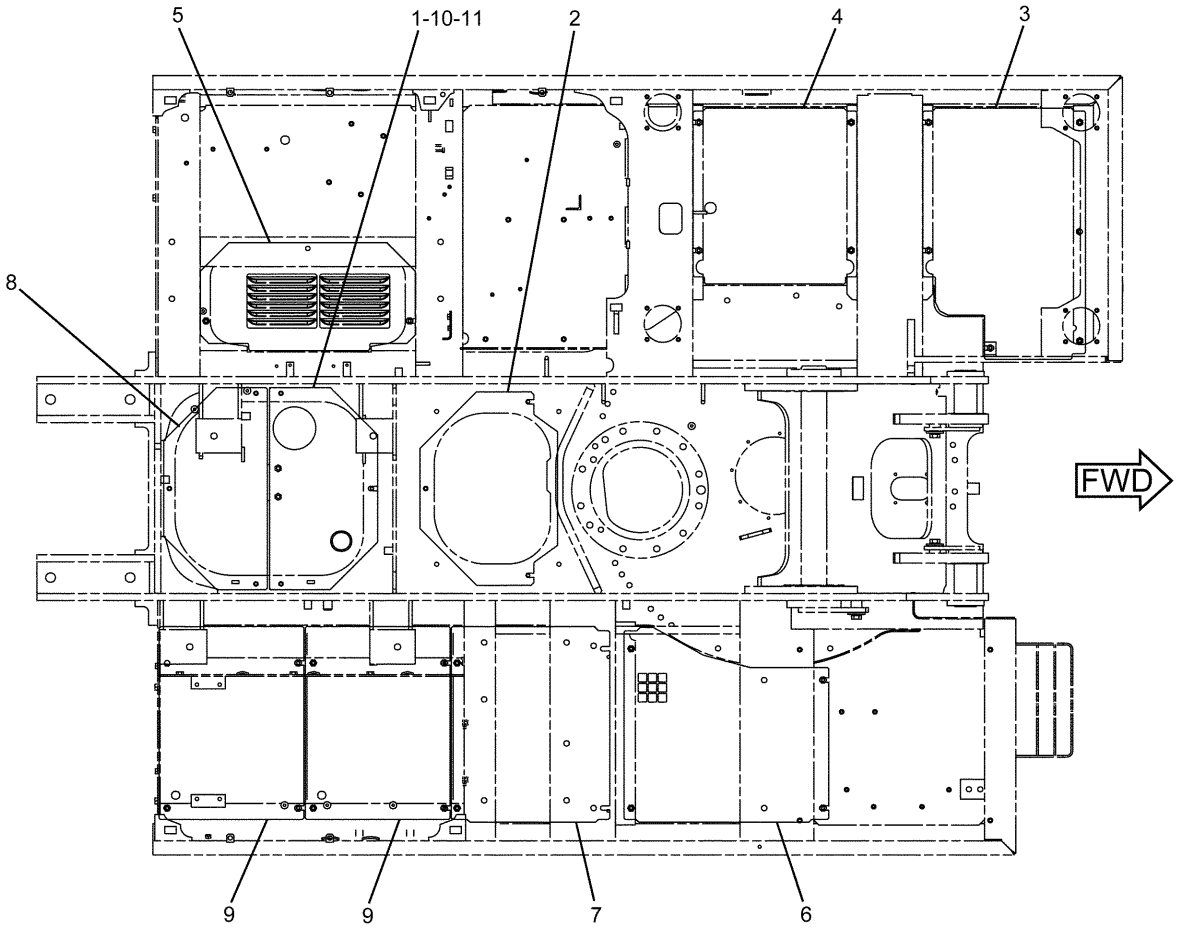
TOP VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8C-8992	40	BOLT (L=30mm)					
	2	165-2854	1	PLATE AS					
	3	248-9012	1	SHEET AS					
	4	248-9014	1	SHEET AS					
	5	248-9016	1	SHEET AS					
	6	248-9018	1	SHEET AS					
	7	248-9020	1	SHEET AS					
	8	262-2484	1	SHEET AS					
	9	273-7675	2	SHEET AS					
	10	286-6283	1	SHEET AS					
	11	5P-1076	40	WASHER					

H93724E 00

289-6426 GUARD GP-BOTTOM
S/N SNS 1-Up, WJN 1-Up

FRAME AND BODY



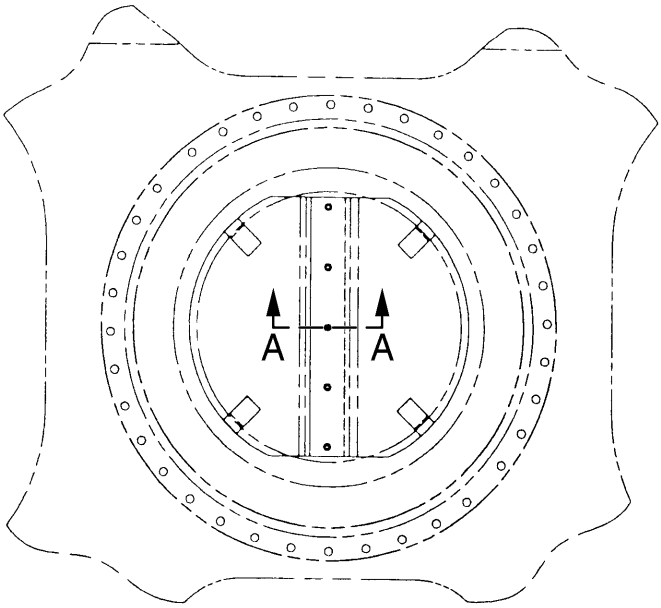
TOP VIEW

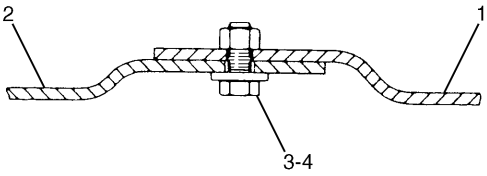
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8C-8992	4	BOLT (L=30mm)					
	2	165-2854	1	PLATE AS					
	3	248-9012	1	SHEET AS					
	4	248-9014	1	SHEET AS					
	5	248-9016	1	SHEET AS					
	6	248-9018	1	SHEET AS					
	7	248-9020	1	SHEET AS					
	8	262-2484	1	SHEET AS					
	9	273-7675	2	SHEET AS					
	10	286-6283	1	SHEET AS					
	11	5P-1076	4	WASHER					

H93723E 00

289-6425 GUARD GP-BOTTOM

Heavy Duty
S/N BWZ 1-Up, DFB 1-Up
An Attachment





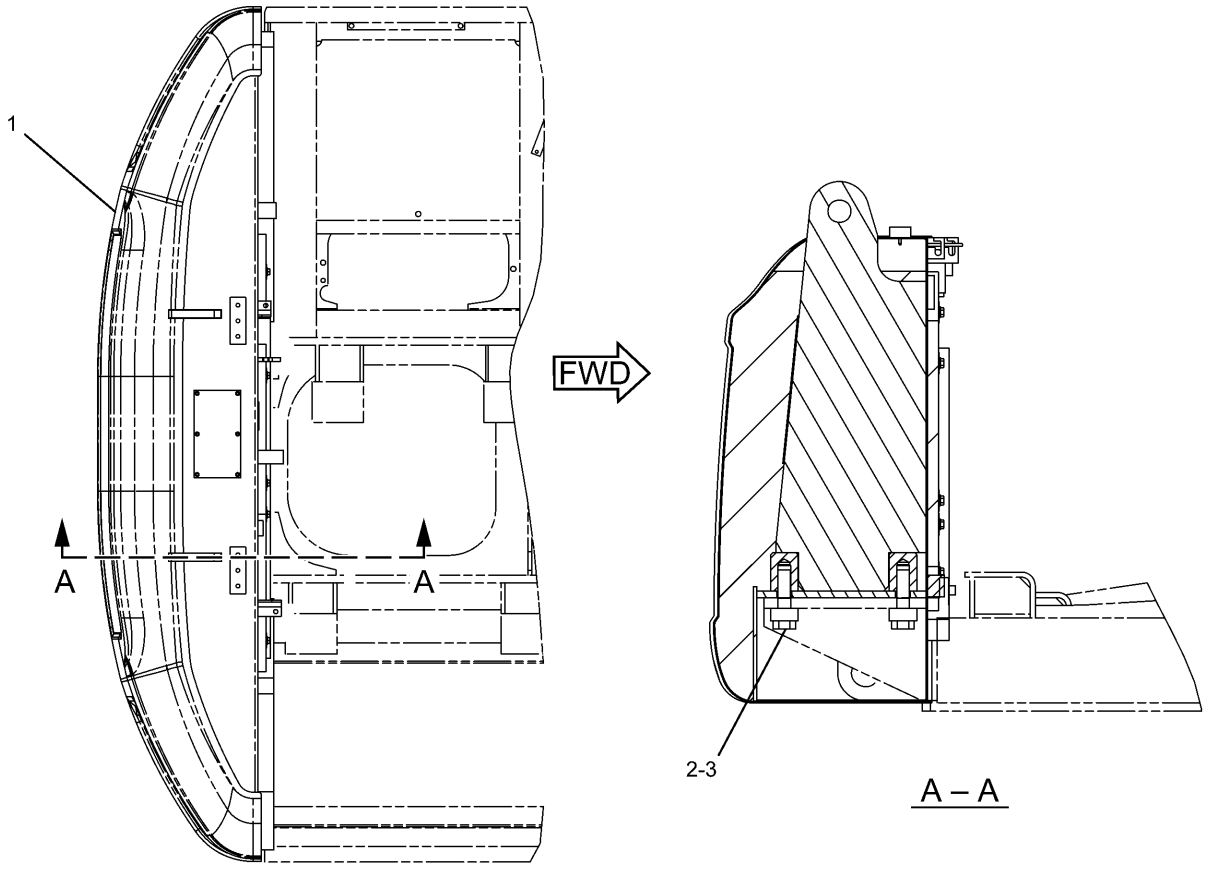
A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	134-8876	1	PLATE AS					
	2	134-8878	1	PLATE AS					
	3	8C-8992	5	BOLT (L=30mm)					
	4	5P-1076	5	WASHER					

H54516E 00

134-8875 GUARD GP-SWIVEL
S/N SNS 1-Up, WJN 1-Up

FRAME AND BODY



TOP VIEW

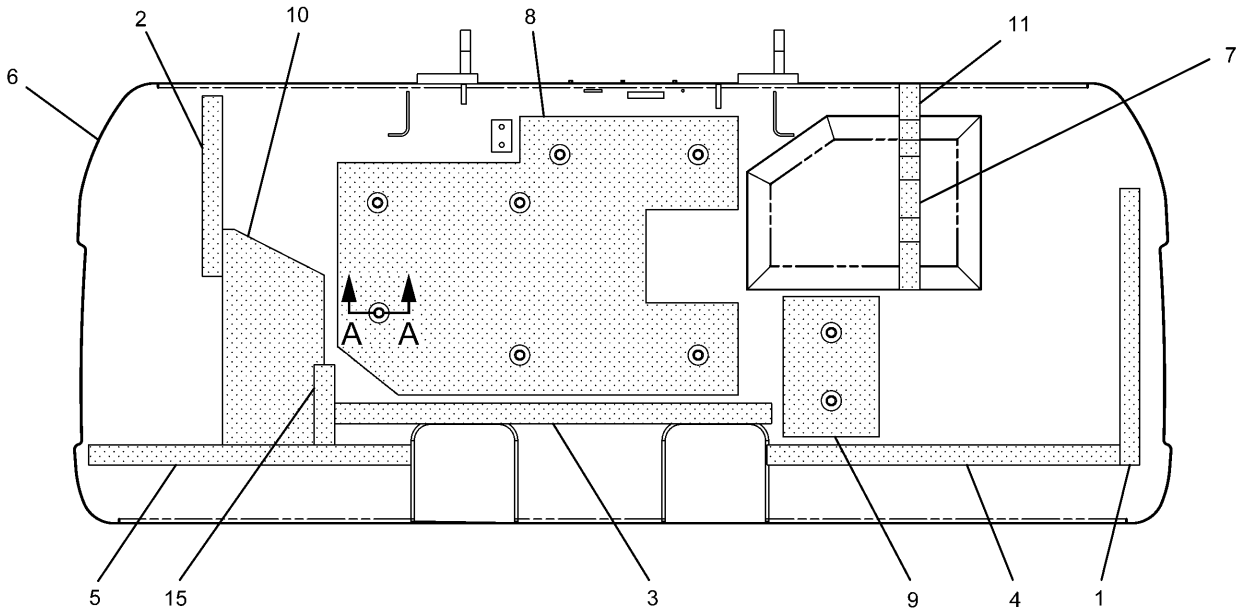
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	241-2000	1	COUNTERWEIGHT GP					
	2	244-8194	4	SPACER					
	3	7X-2583	4	BOLT (L=120mm)					

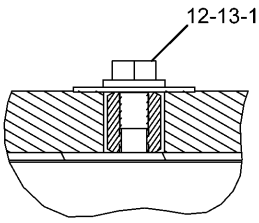
Y—SEE SEPARATE ILLUSTRATION

H89535E 01

241-1999 COUNTERWEIGHT GP
S/N BWZ 1-Up, DFB 1-Up
241-2000-Page268

FRAME AND BODY





A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7I-0717	1	LINER					
	2	116-1665	1	LINER					
	3	165-3102	1	LINER					
	4	165-3103	1	LINER					
	5	184-8722	1	LINER					
	6	286-6338	1	COUNTERWEIGHT AS					
	7	248-9061	1	LINER					
	8	286-6346	1	INSULATION					
	9	262-2405	1	INSULATION					
	10	262-2406	1	LINER					
	11	262-2417	1	LINER					
	12	7Y-2292	9	WASHER					
	13	8T-4179	9	BOLT (L=20mm)					
	14	8T-4223	9	WASHER					
	15	273-7677	1	LINER					

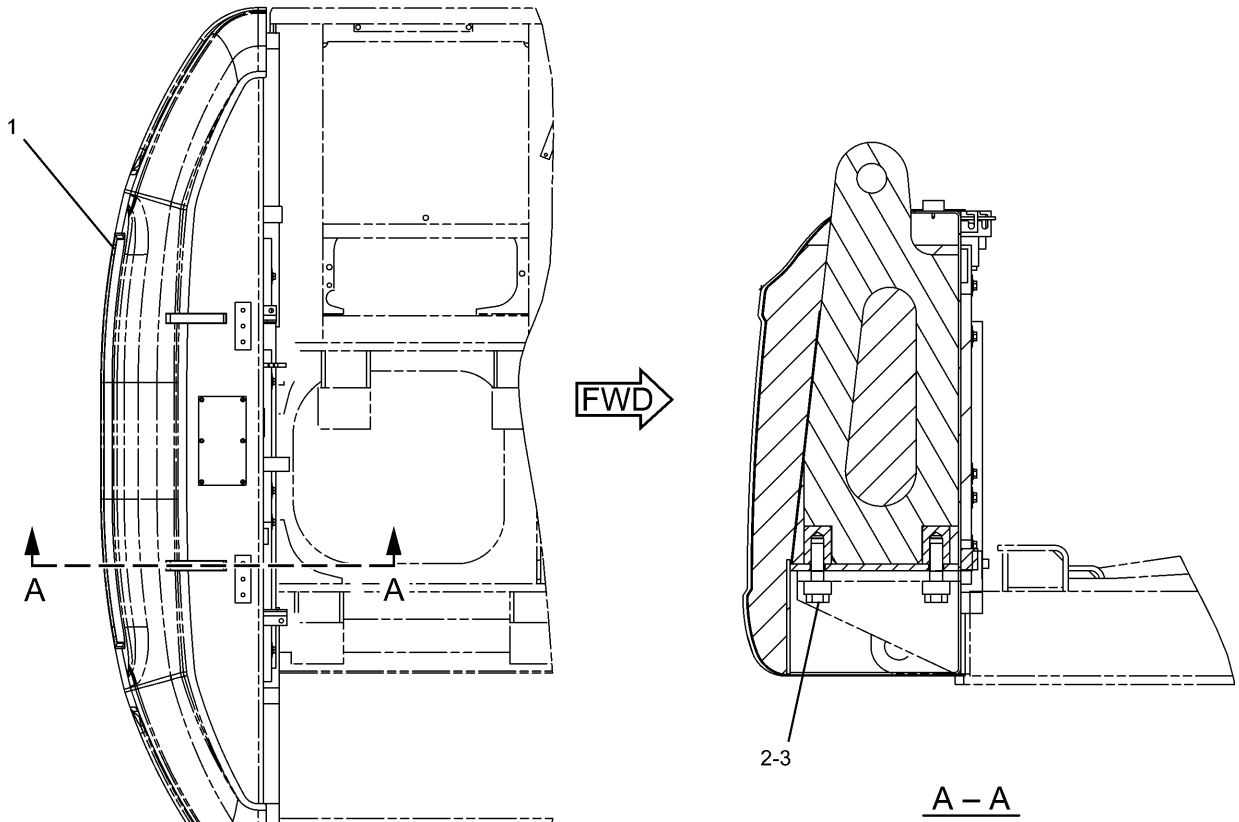
H93635E 03

241-2000 COUNTERWEIGHT GP

S/N BWZ 1-Up, DFB 1-Up

Part of 241-1999-Page267

FRAME AND BODY



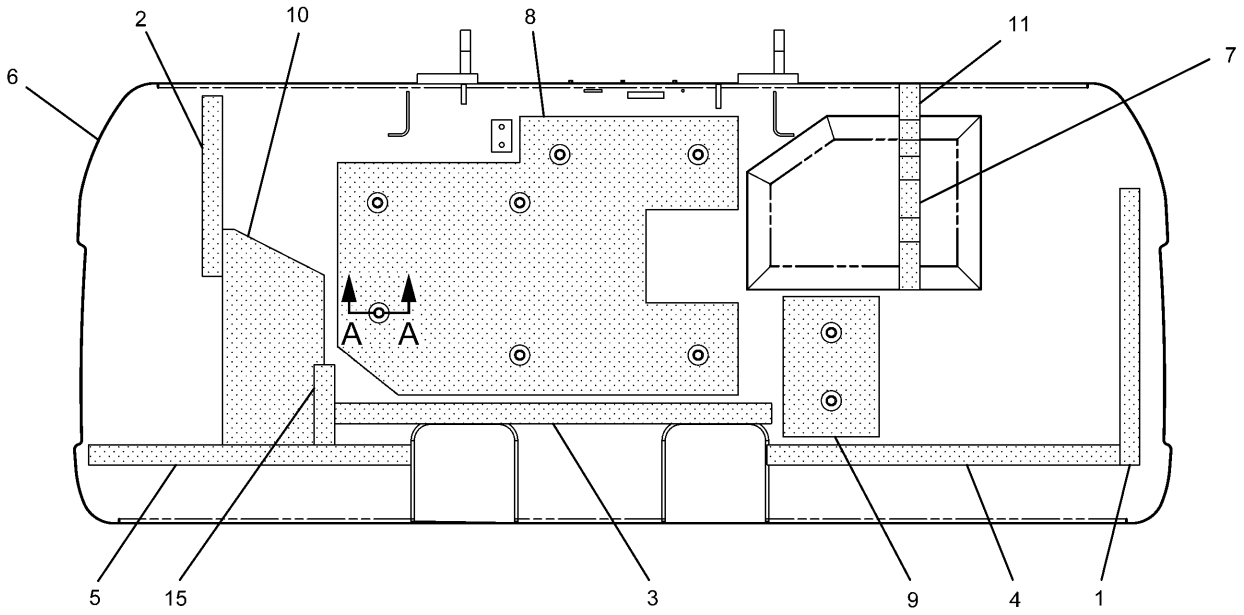
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	241-2003	1	COUNTERWEIGHT GP					
	2	244-8194	4	SPACER					
	3	7X-2583	4	BOLT (L=120mm)					

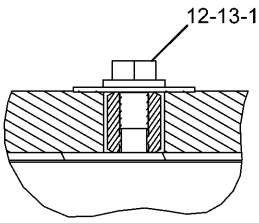
Y—SEE SEPARATE ILLUSTRATION

H89829E 00

241-2002 COUNTERWEIGHT GP
Extra
Part of 302-9207-Page740
241-2003-Page270
An Attachment

FRAME AND BODY





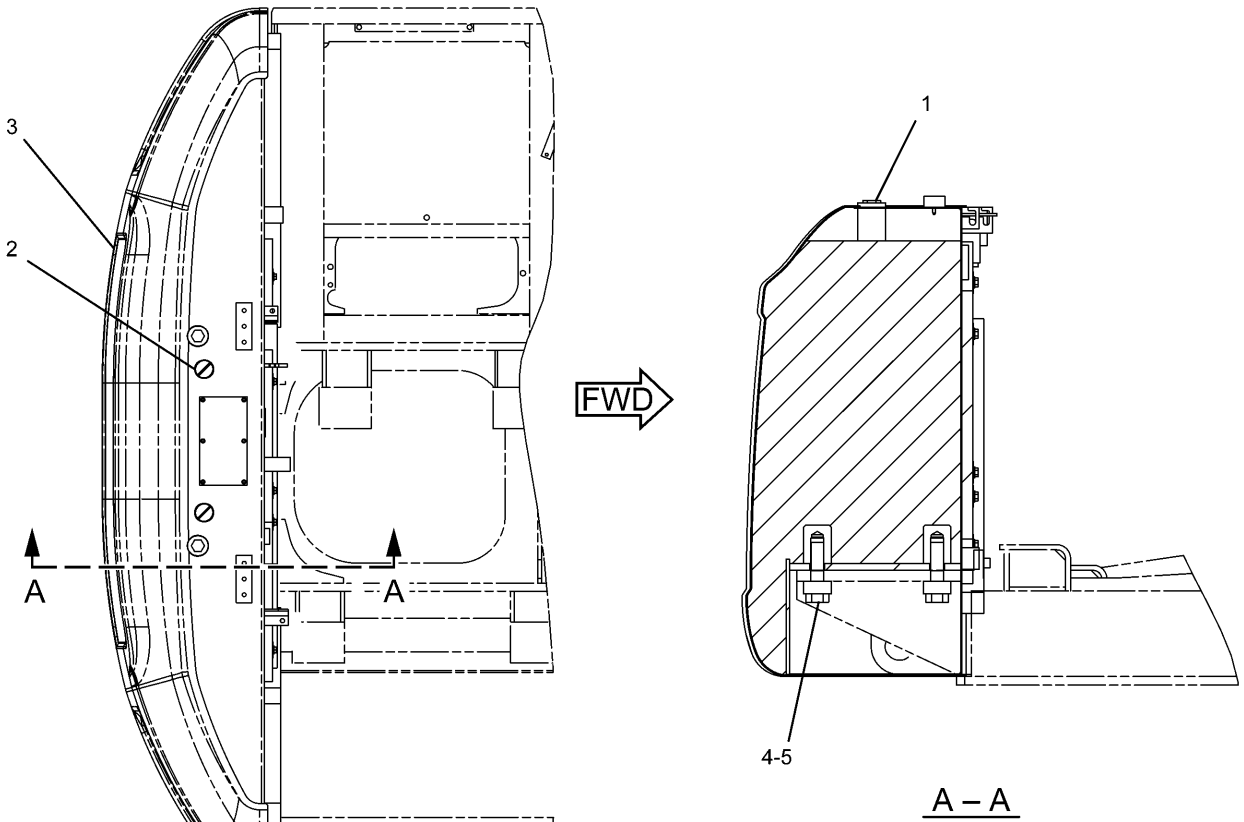
A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7I-0717	1	LINER					
	2	116-1665	1	LINER					
	3	165-3102	1	LINER					
	4	165-3103	1	LINER					
	5	184-8722	1	LINER					
	6	286-6340	1	COUNTERWEIGHT AS					
	7	248-9061	1	LINER					
	8	286-6346	1	INSULATION					
	9	262-2405	1	INSULATION					
	10	262-2406	1	LINER					
	11	262-2417	1	LINER					
	12	8T-4223	9	WASHER					
	13	7Y-2292	9	WASHER					
	14	8T-4179	9	BOLT (L=20mm)					
	15	273-7677	1	LINER					

HA0912E 02

241-2003 COUNTERWEIGHT GP
Extra
Part of 241-2002-Page269
An Attachment

FRAME AND BODY



TOP VIEW

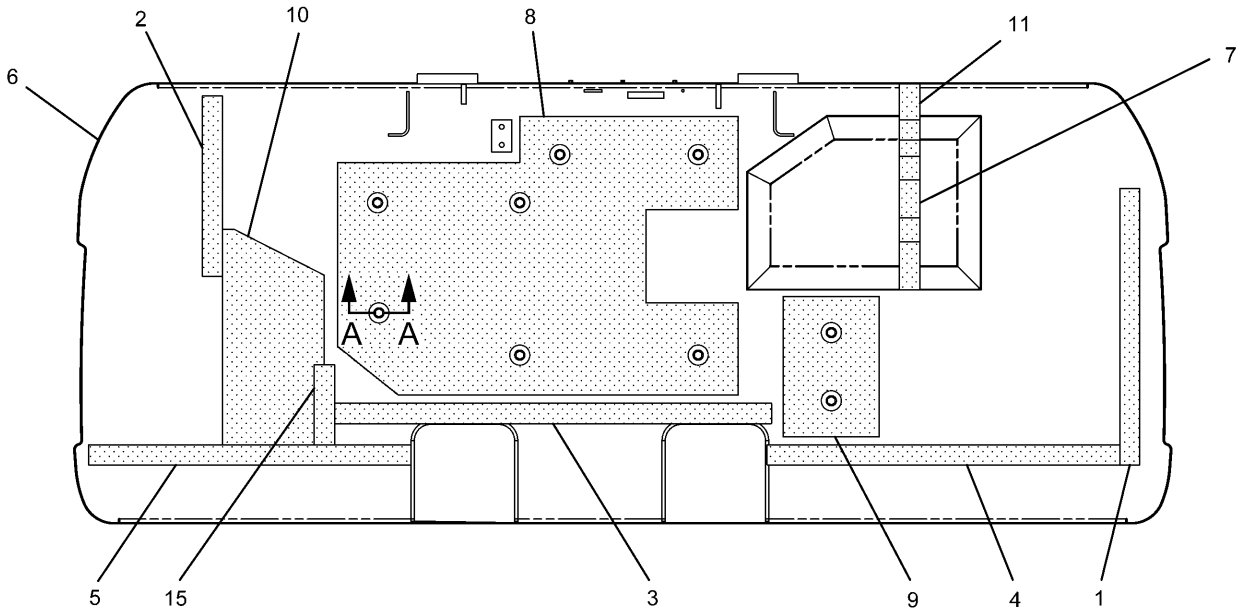
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	41-0006	2	CAP					
	2	7Y-0063	2	FILM (LIFT EYE)					
Y	3	241-2006	1	COUNTERWEIGHT GP					
	4	244-8194	4	SPACER					
	5	7X-2583	4	BOLT (L=120mm)					

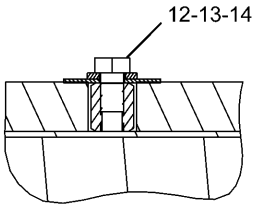
Y—SEE SEPARATE ILLUSTRATION

H89534E 00

241-2005 COUNTERWEIGHT GP
S/N BWZ 1-Up, DFB 1-Up
241-2006-Page272
An Attachment

FRAME AND BODY





A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7I-0717	1	LINER					
	2	116-1665	1	LINER					
	3	165-3102	1	LINER					
	4	165-3103	1	LINER					
	5	184-8722	1	LINER					
	6	286-6342	1	COUNTERWEIGHT AS					
	7	248-9061	1	LINER					
	8	286-6346	1	INSULATION					
	9	262-2405	1	INSULATION					
	10	262-2406	1	LINER					
	11	262-2417	1	LINER					
	12	7Y-2292	9	WASHER					
	13	8T-4179	9	BOLT (L=20mm)					
	14	8T-4223	9	WASHER					
	15	273-7677	1	LINER					

H93638E 02

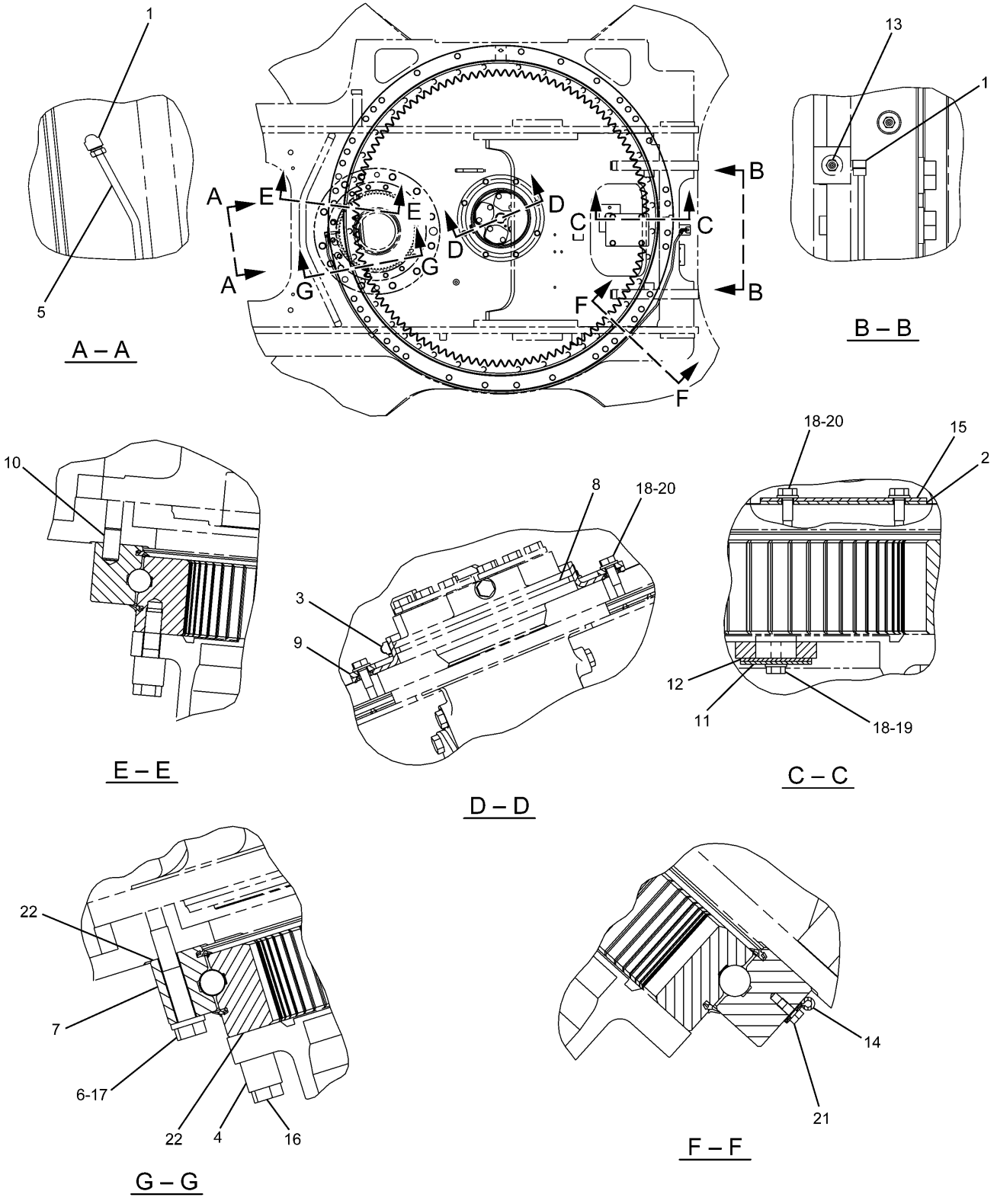
241-2006 COUNTERWEIGHT GP

S/N BWZ 1-Up, DFB 1-Up

Part of 241-2005-Page271

An Attachment

MEMORANDA



H91779E 02

227-6147 GEAR & BEARING GP-SWING
S/N BWZ 1-Up, DFB 1-Up
227-6081-Page278

FRAME AND BODY

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5K-9243	2	ELBOW					
	2	7Y-1647	1	GASKET					
	3	7Y-1650	1	CLAMP					
	4	7Y-1863	40	SPACER					
	5	148-4689	1	TUBE AS					
	6	171-9464	37	SPACER					
Y	7	227-6081	1	GEAR GP					
	8	227-6105	1	BOOT					
	9	227-6106	1	RETAINER					
	10	096-4902	1	DOWEL					
	11	148-4703	1	COVER					
	12	148-4704	1	GASKET					
	13	3B-8489	1	FITTING					
	14	4N-9170	2	CLIP					
	15	7Y-1648	1	STRIP					
	16	8T-0360	40	BOLT (L=90mm)					
	17	8T-0362	37	BOLT (L=110mm)					
	18	8T-4121	14	WASHER					
	19	8T-4137	2	BOLT (L=20mm)					
	20	8T-4136	12	BOLT (L=25mm)					
	21	8T-4199	2	BOLT (L=12mm)					
B	22	1U-8846		GASKET MAKER…(96ml)					

B—USE AS REQUIRED

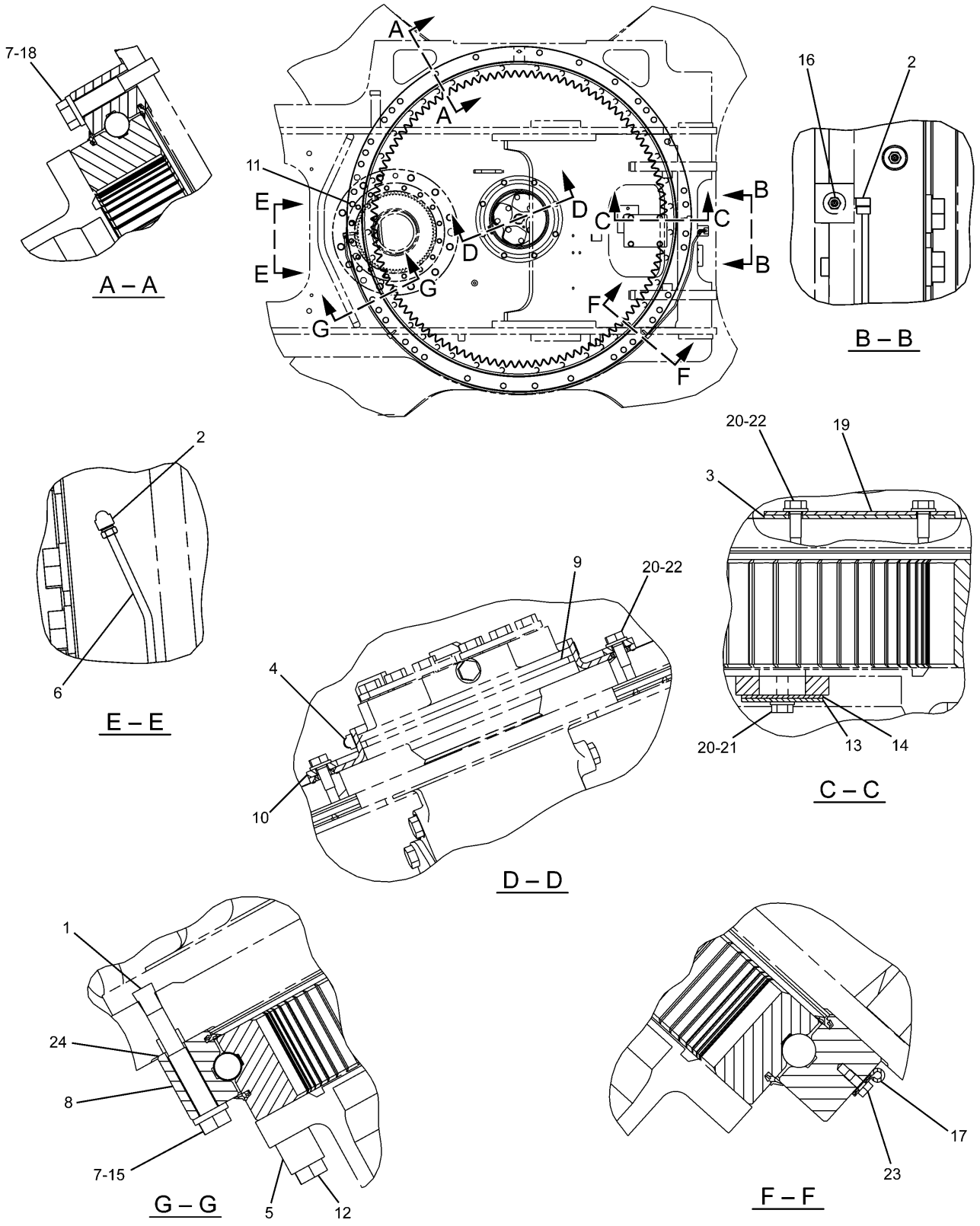
Y—SEE SEPARATE ILLUSTRATION

H91779E 02

227-6147 GEAR & BEARING GP-SWING

S/N BWZ 1-Up, DFB 1-Up

227-6081-Page278



H91780E 02

227-6148 GEAR & BEARING GP-SWING
S/N SNS 1-Up, WJN 1-Up
227-6081-Page278

FRAME AND BODY

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2B-7561	13	CORK					
	2	5K-9243	2	ELBOW					
	3	7Y-1647	1	GASKET					
	4	7Y-1650	1	CLAMP					
	5	7Y-1863	40	SPACER					
	6	148-4689	1	TUBE AS					
	7	171-9464	42	SPACER					
Y	8	227-6081	1	GEAR GP					
	9	227-6105	1	BOOT					
	10	227-6106	1	RETAINER					
	11	096-4902	1	DOWEL					
	12	145-9278	40	BOLT (L=90mm)					
	13	148-4703	1	COVER					
	14	148-4704	1	GASKET					
	15	165-9756	16	BOLT (L=120mm)					
	16	3B-8489	1	FITTING					
	17	4N-9170	2	CLIP					
	18	5Q-3560	26	BOLT (L=110mm)					
	19	7Y-1648	1	STRIP					
	20	8T-4121	14	WASHER					
	21	8T-4137	2	BOLT (L=20mm)					
	22	8T-4136	12	BOLT (L=25mm)					
	23	8T-4199	2	BOLT (L=12mm)					
B	24	1U-8846		GASKET MAKER…(96ml)					

B—USE AS REQUIRED

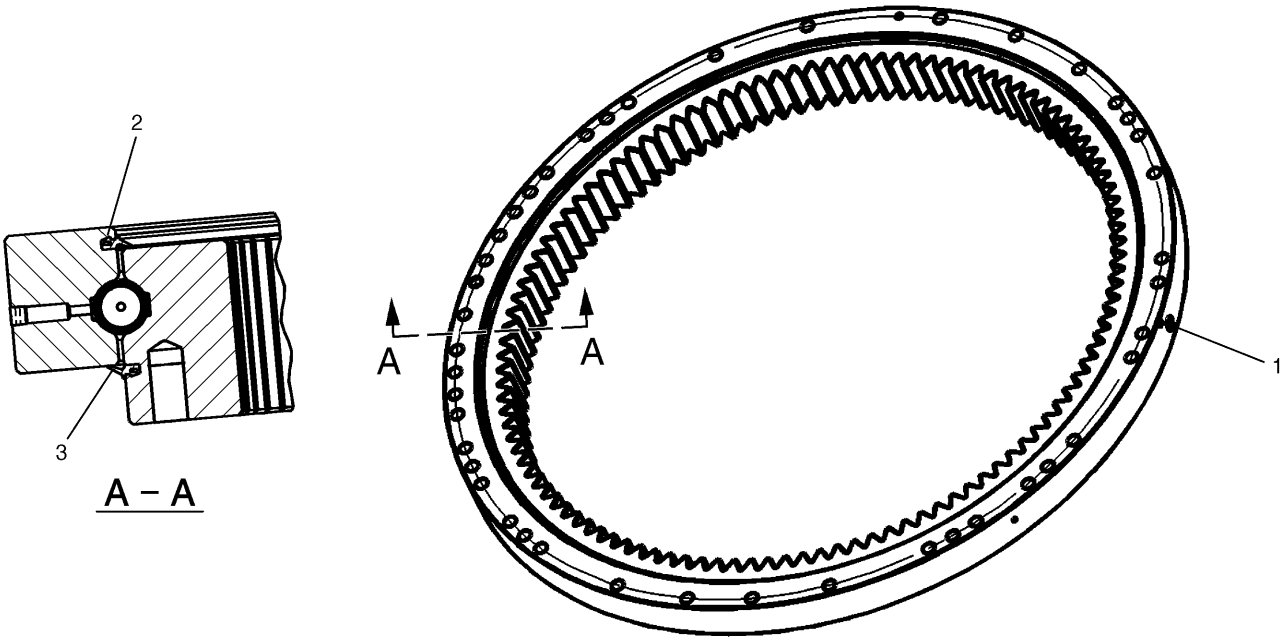
Y—SEE SEPARATE ILLUSTRATION

H91780E 02

227-6148 GEAR & BEARING GP-SWING

S/N SNS 1-Up, WJN 1-Up

227-6081-Page278



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	1	FITTING					
	2	227-6071	1	SEAL					
E	3	148-4685		SEAL…(368cm)					

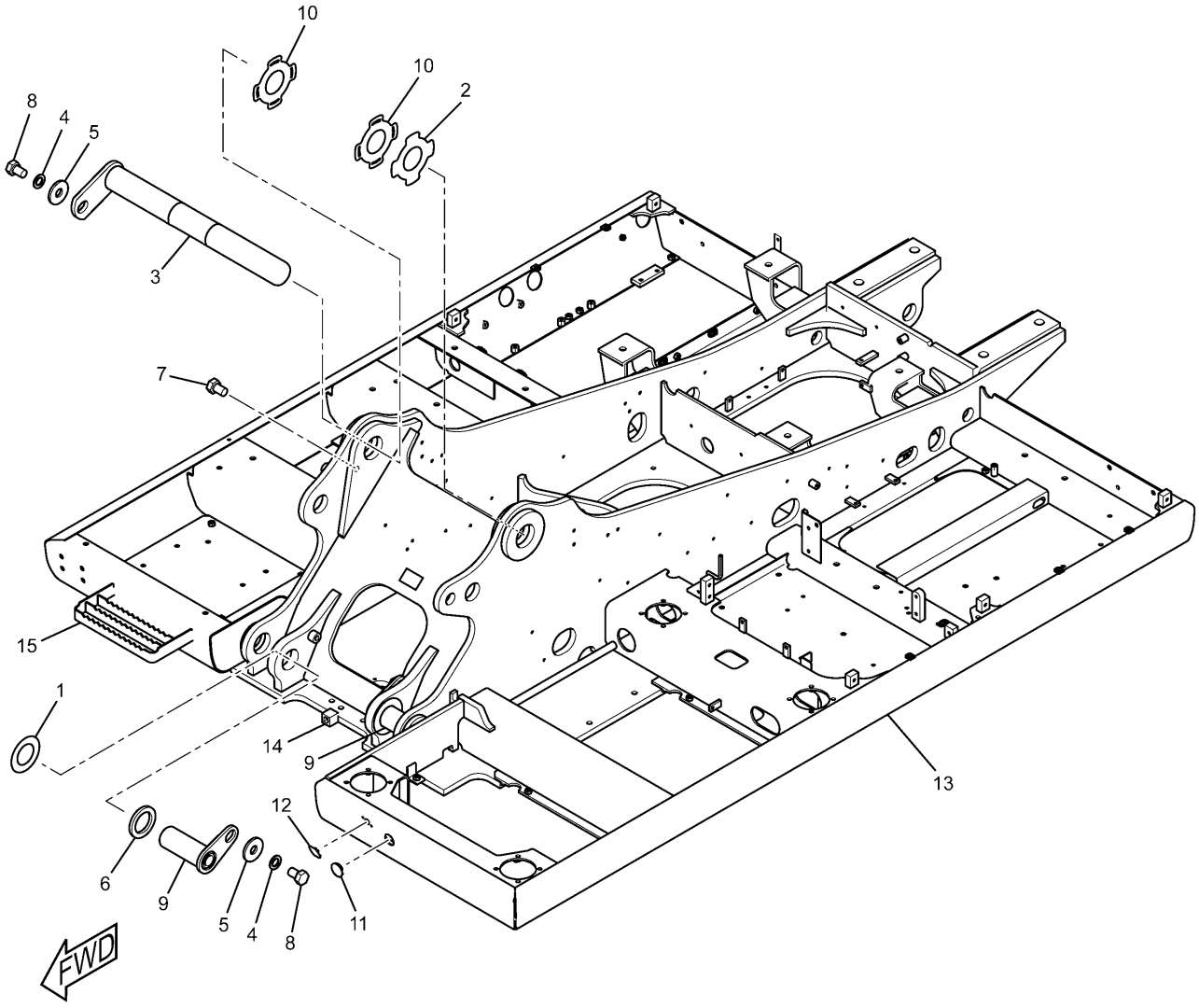
E—ORDER BY THE CENTIMETER

H89660E 02

227-6081 GEAR & BEARING GP-SWING

Part of 227-6147-Page275,227-6148-Page277

MEMORANDA



H99687E 01

273-6716 FRAME GP-UPPER
S/N BWZ 1-Up, DFB 1-Up

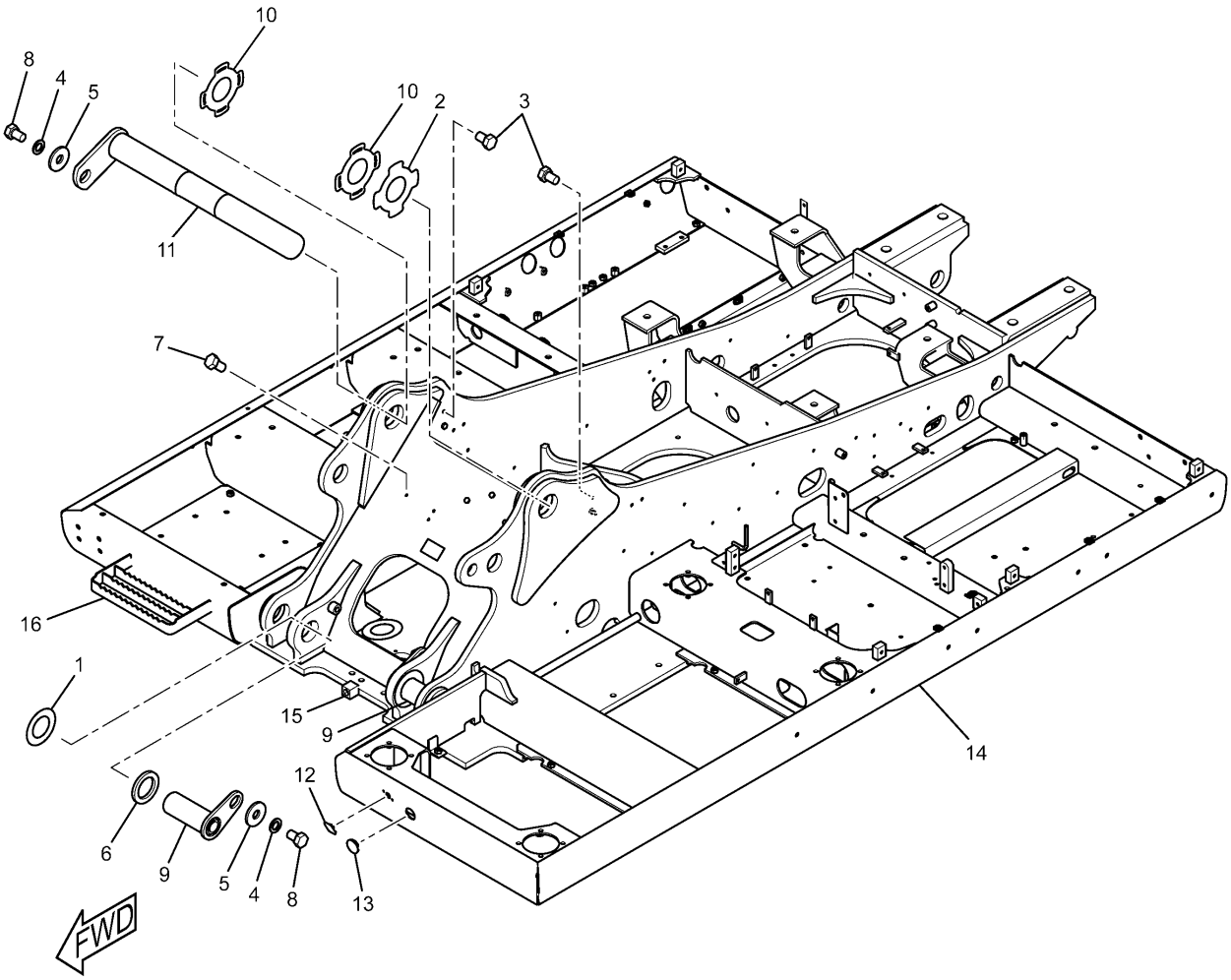
FRAME AND BODY

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
B	1	133-2425	2	SHIM (T=0.50mm)					
B		093-0083	4	SHIM (T=1.00mm)					
B		093-0115	2	SHIM (T=2.00mm)					
B	2	308-8775	1	SHIM (T=0.50mm)					
B		308-8776	2	SHIM (T=1.00mm)					
B		308-8777	1	SHIM (T=2.00mm)					
	3	315-0800	1	PIN AS					
	4	8T-4123	3	WASHER					
	5	093-0349	3	WASHER					
	6	093-0363	2	SPACER					
	7	8T-4191	1	BOLT (L=16mm)					
	8	8T-4780	3	BOLT (L=30mm)					
	9	154-0480	2	PIN AS					
	10	212-2838	2	SHIM (T=2.00mm)					
B	11	245-7901	1	CAP					
B	12	245-7900	1	CAP					
	13	273-6717	1	FRAME AS					
	14	7Y-0633	1	BOSS					
	15	163-3729	1	PLATE AS					
				THE FOLLOWING SERVICE REPAIR ARE AVAILABLE:					
		178-0852	1	PLATE (L=1100mm)					
		184-5724	1	PLATE (L=2000mm)					

B—USE AS REQUIRED

H99687E 01

273-6716 FRAME GP-UPPER
S/N BWZ 1-Up, DFB 1-Up



H99688E 01

273-6721 FRAME GP-UPPER
S/N SNS 1-Up, WJN 1-Up

FRAME AND BODY

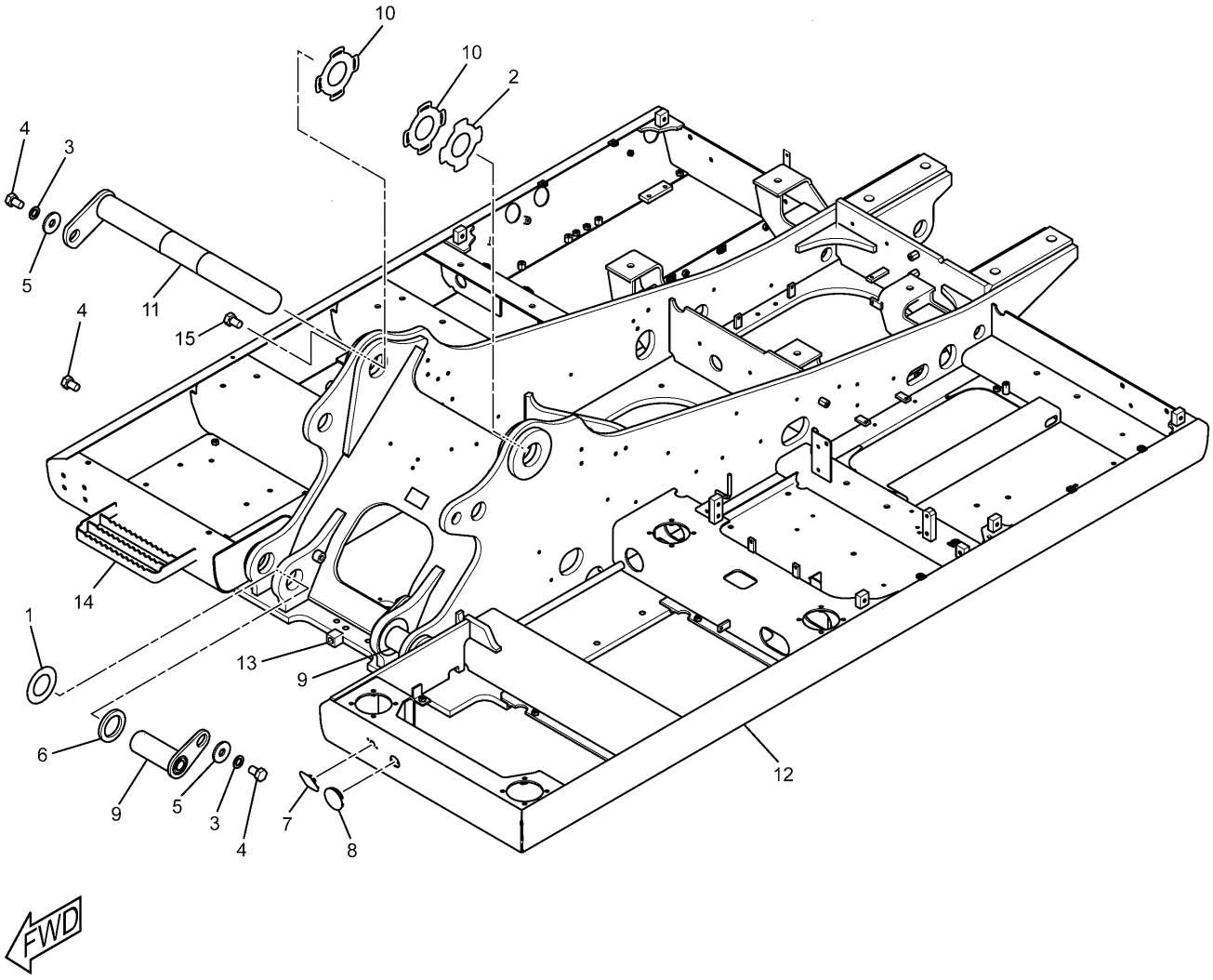
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
B	1	133-2425	2	SHIM (T=0.50mm)					
B		093-0083	4	SHIM (T=1.00mm)					
B		093-0115	2	SHIM (T=2.00mm)					
B	2	308-8775	1	SHIM (T=0.50mm)					
B		308-8776	2	SHIM (T=1.00mm)					
B		308-8777	1	SHIM (T=2.00mm)					
	3	7X-2548	6	BOLT (L=16mm)					
	4	8T-4123	3	WASHER					
	5	093-0349	3	WASHER					
	6	093-0363	2	SPACER					
	7	8T-4191	3	BOLT (L=16mm)					
	8	8T-4780	3	BOLT (L=30mm)					
	9	4I-4812	2	PIN AS					
	10	212-2838	2	SHIM (T=2.00mm)					
	11	315-0800	1	PIN AS					
B	12	245-7900	1	CAP					
B	13	245-7901	1	CAP					
	14	273-6722	1	FRAME AS					
	15	7Y-0633	1	BOSS					
	16	163-3729	1	PLATE AS					
				THE FOLLOWING SERVICE REPAIR ARE AVAILABLE:					
		178-0852	1	PLATE (L=1100mm)					
		184-5724	1	PLATE (L=2000mm)					

B—USE AS REQUIRED

H99688E 01

273-6721 FRAME GP-UPPER

S/N SNS 1-Up, WJN 1-Up



H99689E 01

294-1436 FRAME GP-UPPER
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment

FRAME AND BODY

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
B	1	133-2425	2	SHIM (T=0.50mm)					
B		093-0083	4	SHIM (T=1.00mm)					
B		093-0115	2	SHIM (T=2.00mm)					
B	2	308-8775	1	SHIM (T=0.50mm)					
B		308-8776	2	SHIM (T=1.00mm)					
B		308-8777	1	SHIM (T=2.00mm)					
	3	8T-4123	3	WASHER					
	4	8T-4780	3	BOLT (L=30mm)					
	5	093-0349	3	WASHER					
	6	093-0363	2	SPACER					
B	7	245-7900	1	CAP					
B	8	245-7901	1	CAP					
	9	4I-4812	1	PIN AS					
	10	212-2838	2	SHIM (T=2.00mm)					
	11	321-2055	1	PIN AS					
	12	273-6717	1	FRAME AS					
	13	7Y-0633	1	BOSS					
	14	111-9758	1	PLATE					
	15	8T-4191	1	BOLT (L=16mm)					
				THE FOLLOWING SERVICE					
				REPAIR ARE AVAILABLE:					
		178-0852	1	PLATE (L=1100mm)					
		184-5724	1	PLATE (L=2000mm)					

B—USE AS REQUIRED

H99689E 01

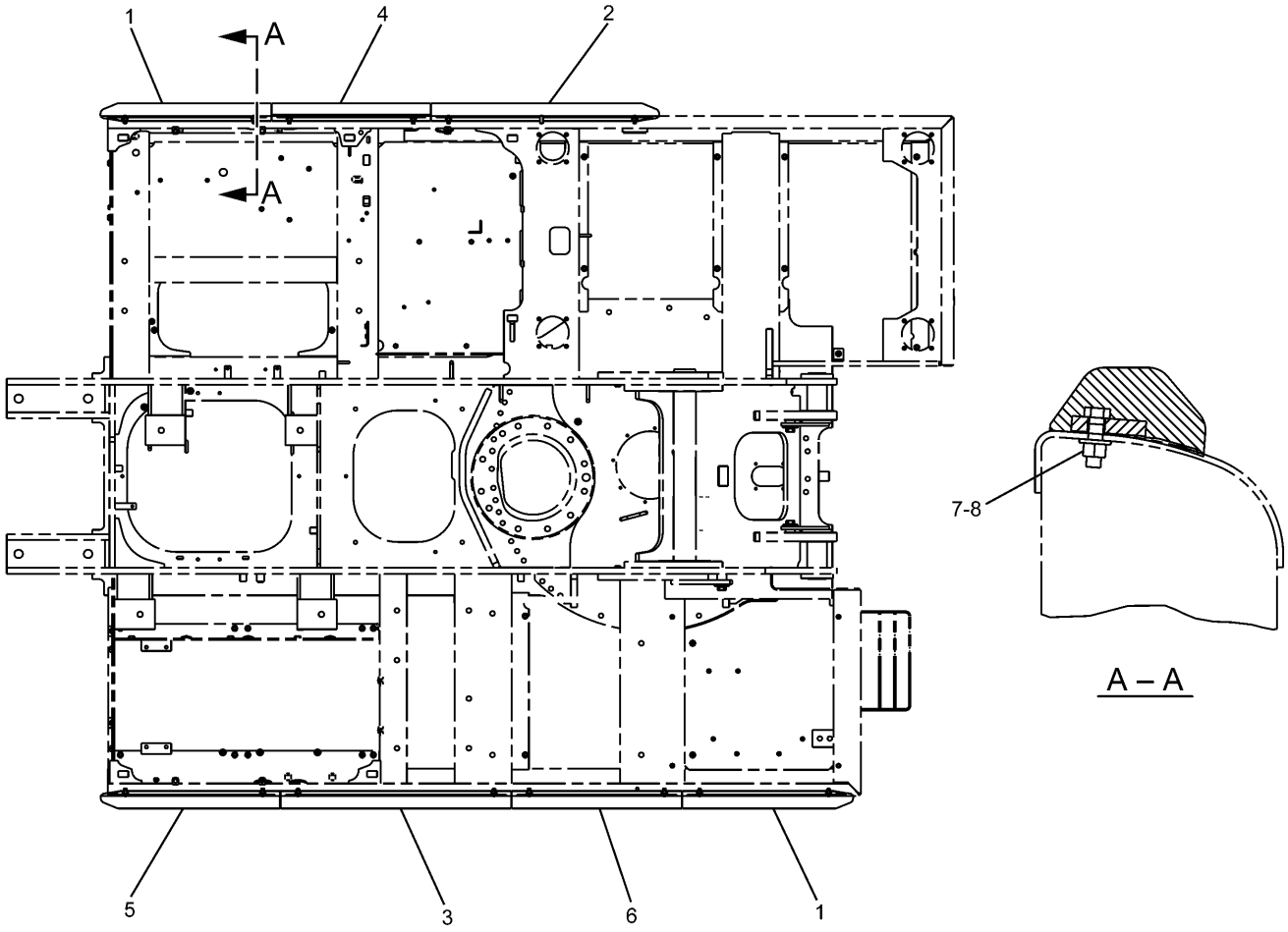
294-1436 FRAME GP-UPPER

S/N BWZ 1-Up, DFB 1-Up

Part of 279-2732-Page11,279-2733-Page12

An Attachment

FRAME AND BODY

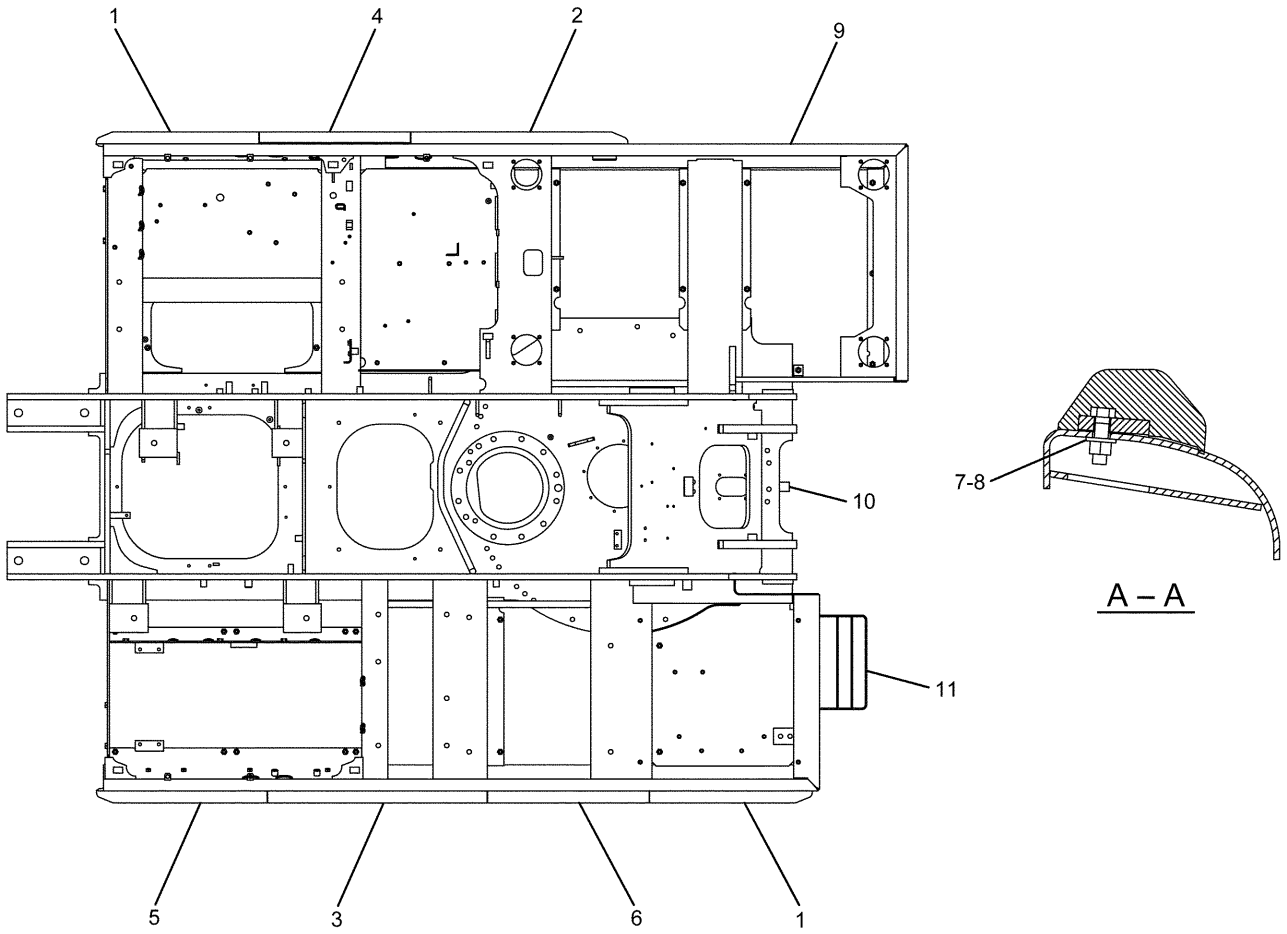


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	180-7521	2	BUMPER AS					
	2	180-7525	1	BUMPER AS					
	3	180-7529	1	BUMPER AS					
	4	180-7533	1	BUMPER AS					
	5	218-5199	1	BUMPER AS					
	6	228-5463	1	BUMPER AS					
	7	8T-4223	14	WASHER					
	8	8T-4244	14	NUT					

H89623E 00

260-2326 BUMPER GP-SIDE
S/N SNS 1-Up, WJN 1-Up

FRAME AND BODY

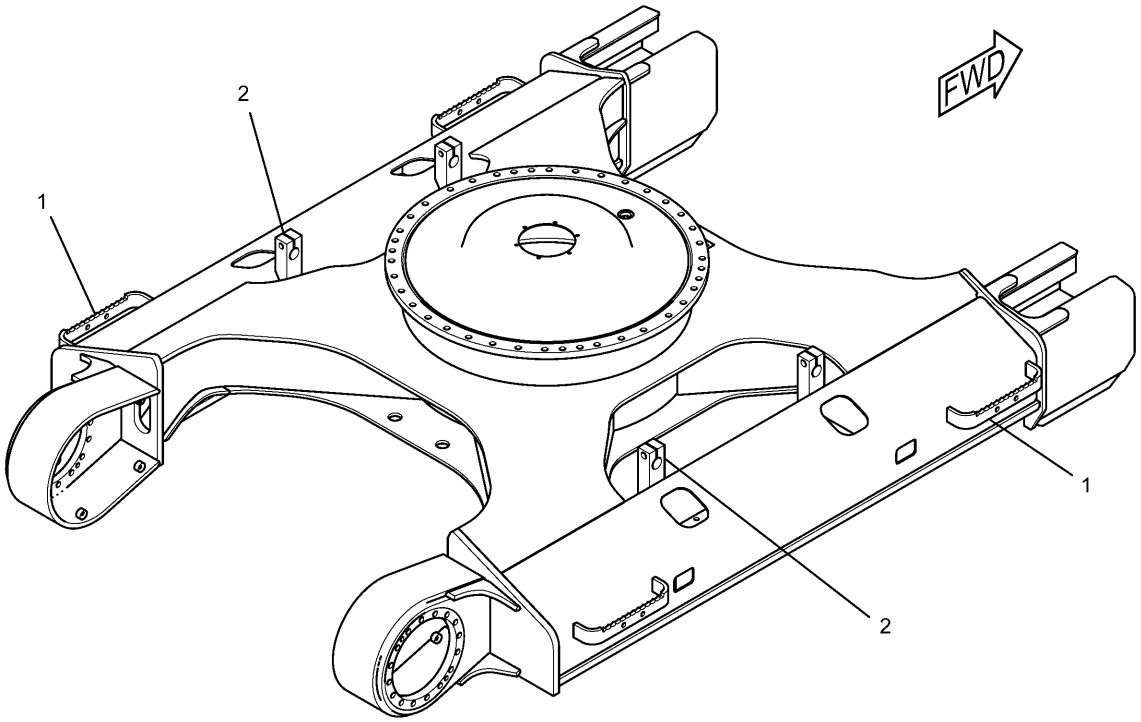


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	180-7521	2	BUMPER AS					
	2	180-7525	1	BUMPER AS					
	3	180-7529	1	BUMPER AS					
	4	180-7533	1	BUMPER AS					
	5	218-5199	1	BUMPER AS					
	6	228-5463	1	BUMPER AS					
	7	8T-4223	14	WASHER					
	8	8T-4244	14	NUT					
	9	278-9258	1	FRAME AS					
		273-6717	1	FRAME AS					
	10	7Y-0633	1	BOSS					
	11	163-3729	1	PLATE AS					
				THE FOLLOWING SERVICE					
				REPAIR ARE AVAILABLE:					
		178-0852	1	PLATE (L=1100mm)					
		184-5724	1	PLATE (L=2000mm)					

H94145E 00

278-9257 BUMPER GP-SIDE
S/N BWZ 1-Up, DFB 1-Up
An Attachment

FRAME AND BODY

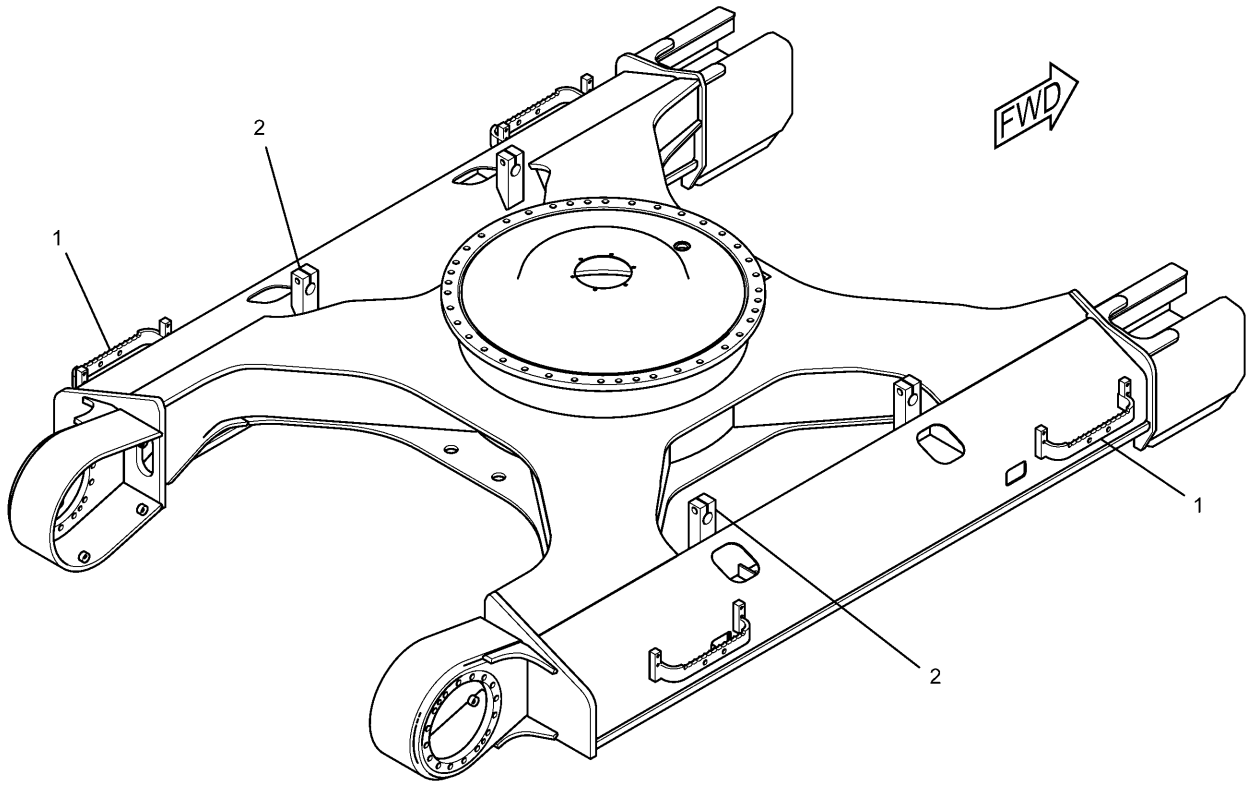


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	235-7520	4	STEP					
	2	117-5540	4	BRACKET					

H92340E 03

236-8340 FRAME AS-UNDERCARRIAGE
S/N BWZ 1-Up

FRAME AND BODY

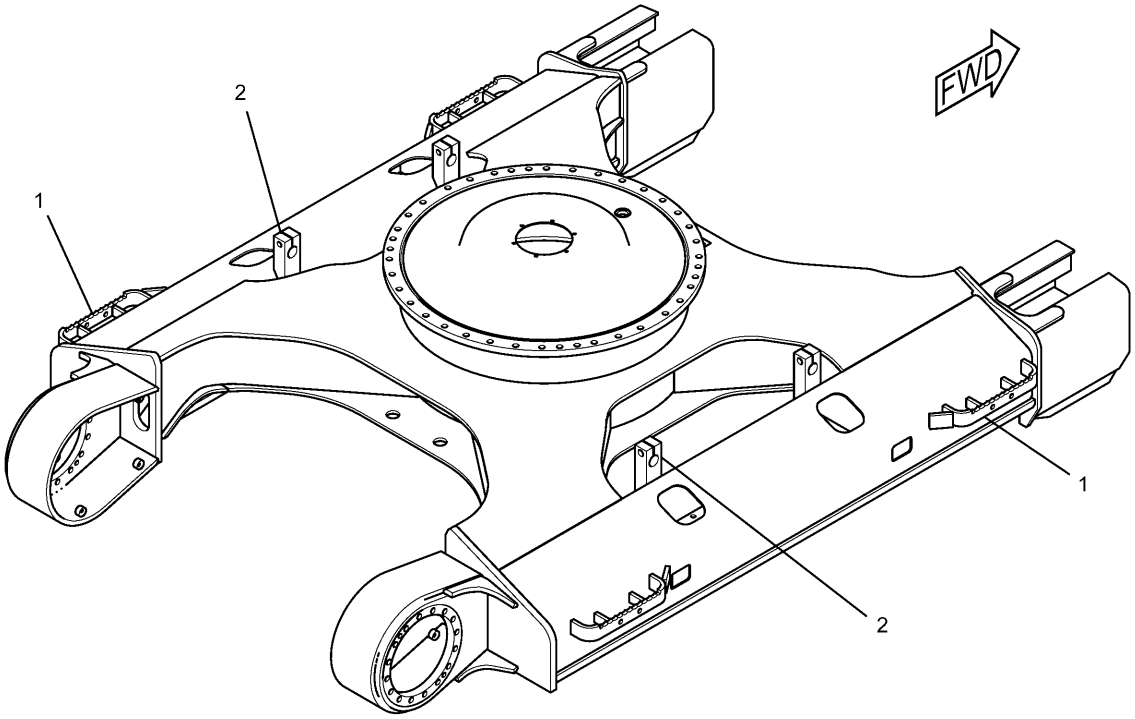


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	235-7520	4	STEP					
	2	117-5540	4	BRACKET					

H92341E 04

236-8341 FRAME AS-UNDERCARRIAGE
S/N DFB 1-Up

FRAME AND BODY



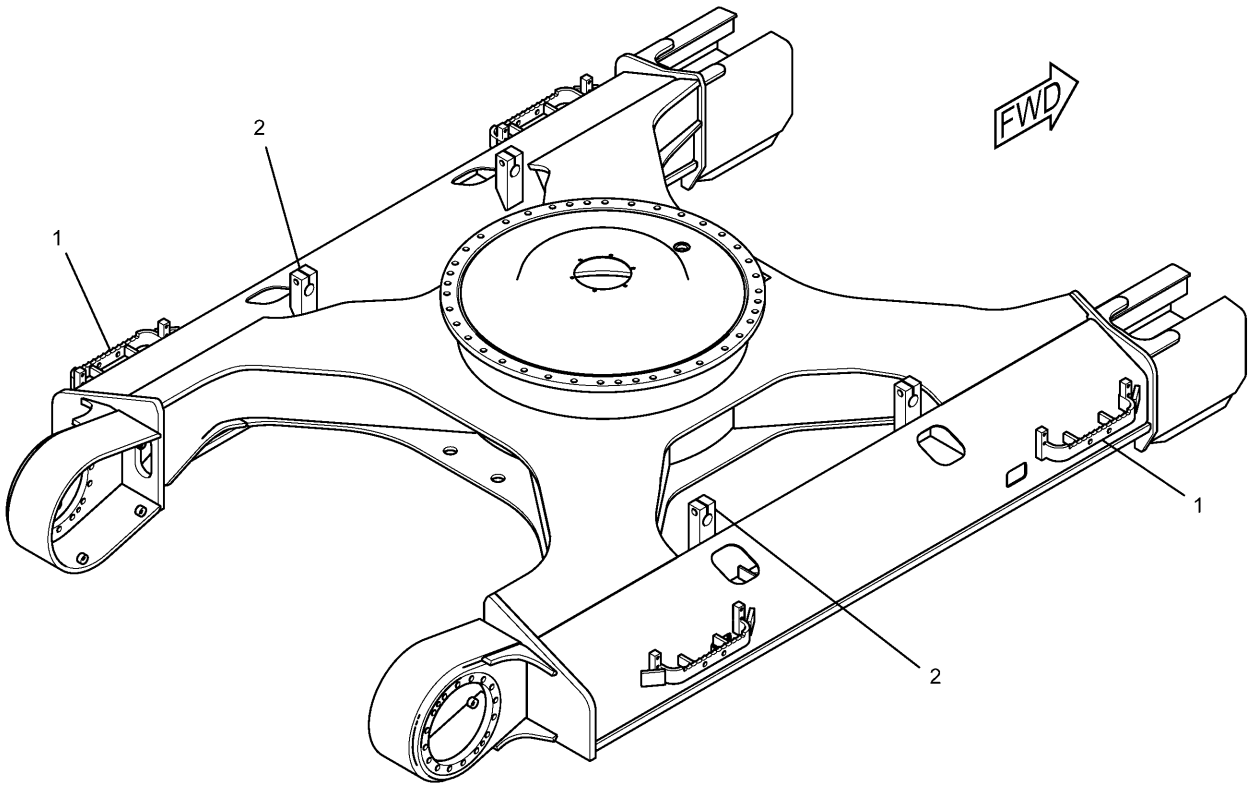
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	235-7520	4	STEP					
	2	117-5540	4	BRACKET					

H96108E 01

241-7210 FRAME AS-UNDERCARRIAGE

Heavy Duty
S/N SNS 1-Up

FRAME AND BODY

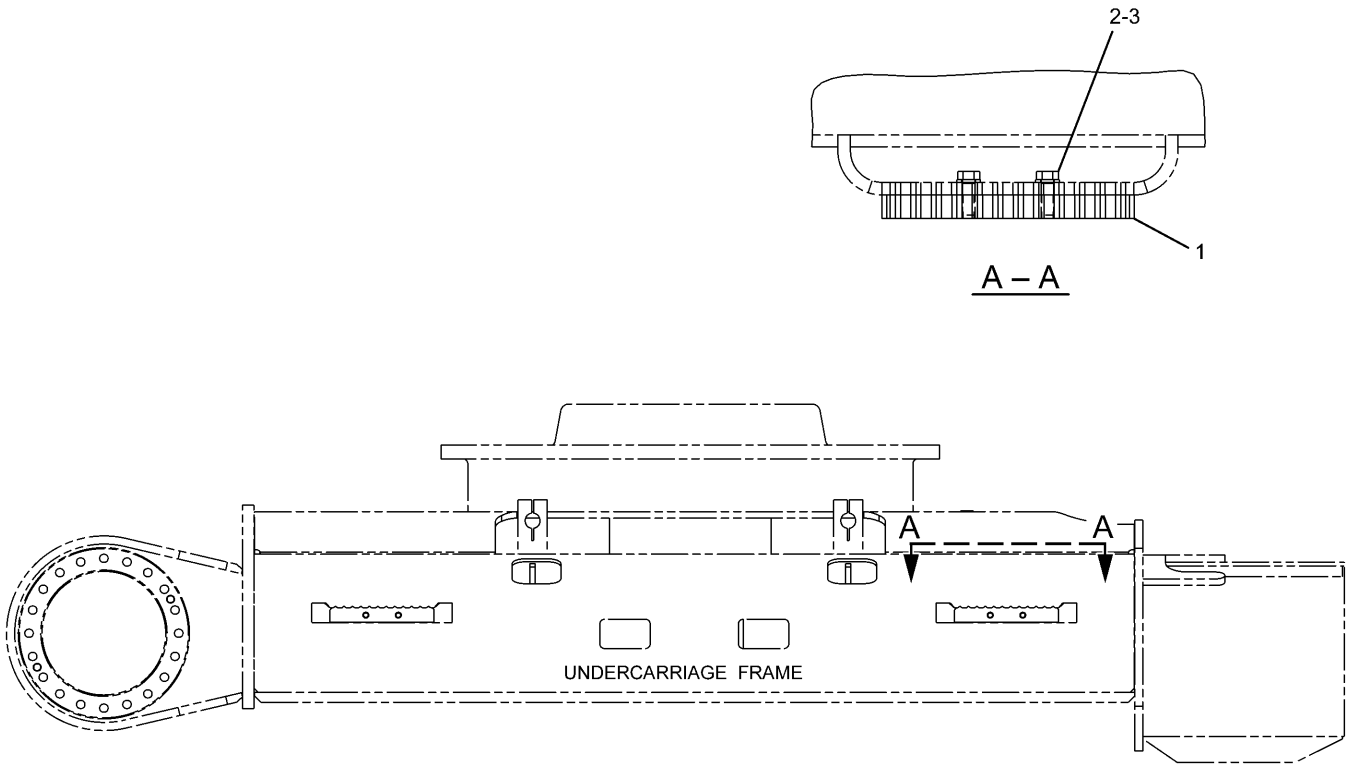


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	235-7520	4	STEP					
	2	117-5540	4	BRACKET					

H89992E 00

241-7211 FRAME AS-UNDERCARRIAGE

Heavy Duty
S/N WJN 1-Up



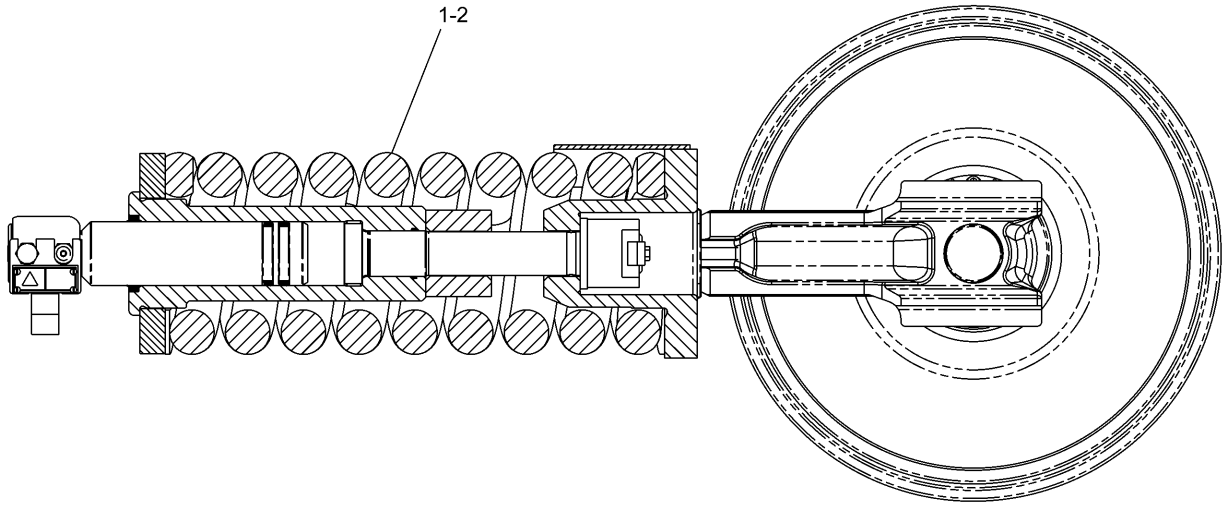
RIGHT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	235-7765	2	STEP					
	2	8T-7338	4	BOLT (L=45mm)					
	3	9X-8257	4	WASHER					

H91215E 03

235-7764 STEP GP
800MM Triple Grouser Shoe
Part of 247-7382-Page317,314-3797-Page317.01,247-7346-Page319,314-3798-Page319.01
An Attachment

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	239-4386	1	IDLER GP (LH)					
Y	2	239-4385	1	IDLER GP (RH)					

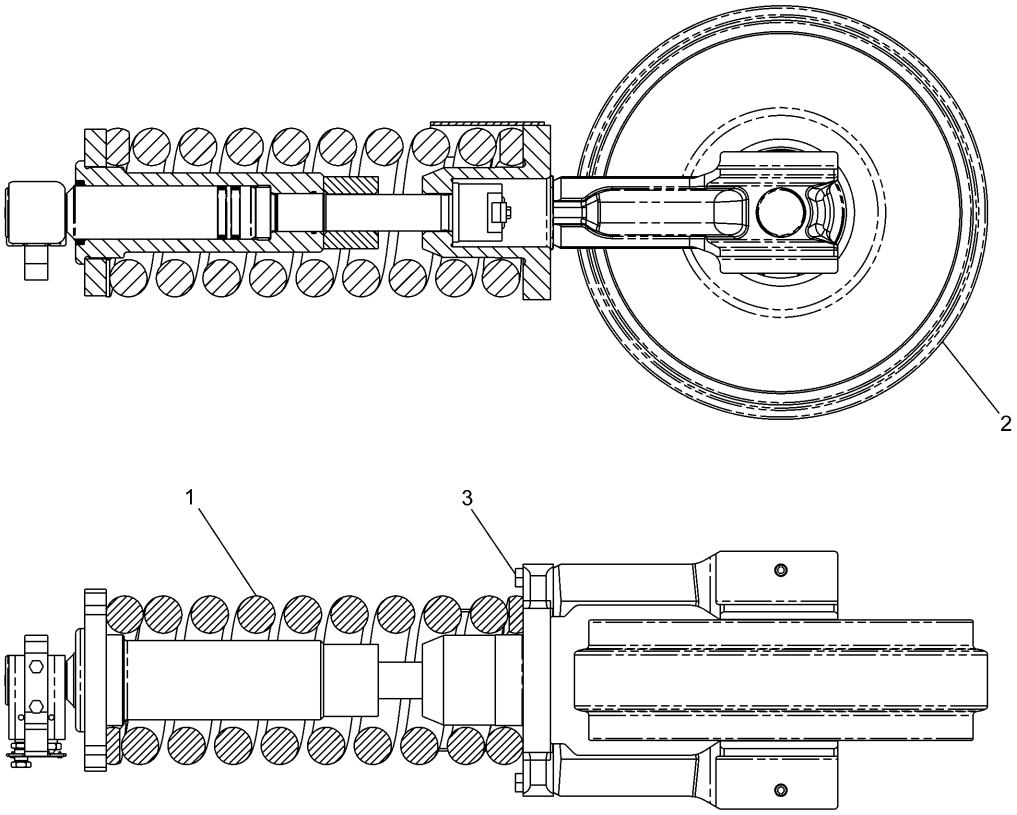
Y—SEE SEPARATE ILLUSTRATION

H89557E 02

239-4341 IDLER GP-FRONT

239-4386-Page294,239-4385-Page295

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	239-4388	1	RECOIL GP					
Y	2	248-7143	1	IDLER GP					
	3	8T-4140	4	BOLT (L=60mm)					

Y—SEE SEPARATE ILLUSTRATION

H89575E 02

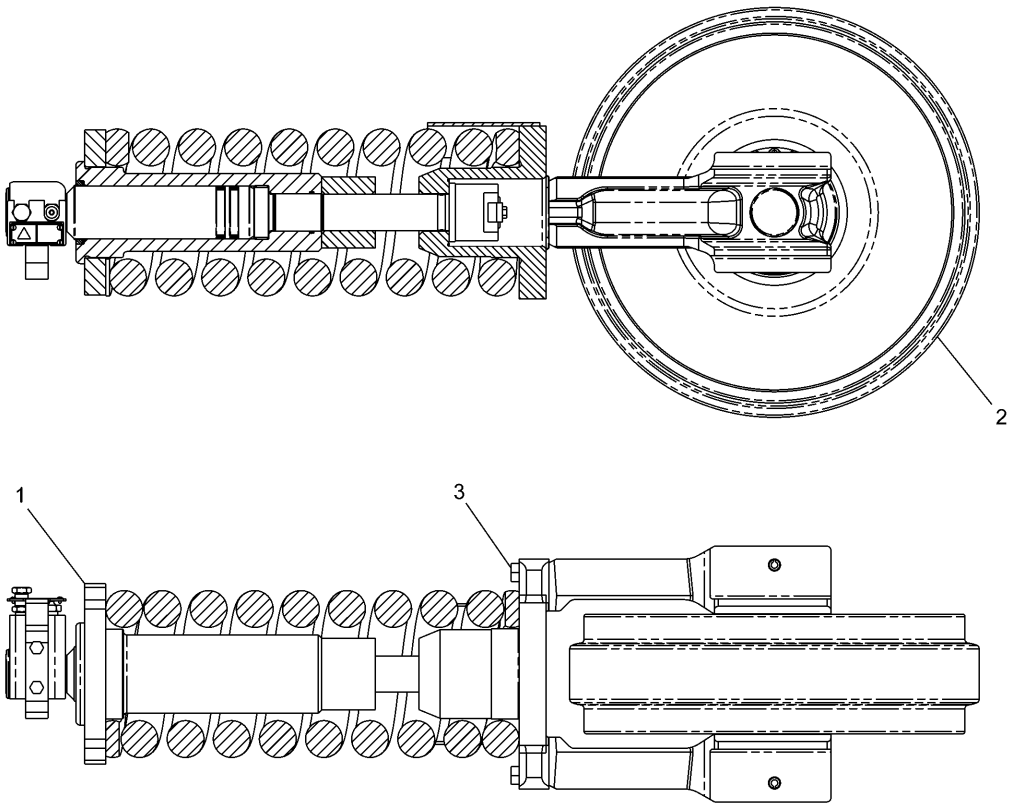
239-4386 IDLER GP-FRONT

Left Hand

Part of 239-4341-Page293

248-7143-Page296,239-4388-Page297

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	239-4387	1	RECOIL GP					
Y	2	248-7143	1	IDLER GP					
	3	8T-4140	4	BOLT (L=60mm)					

Y—SEE SEPARATE ILLUSTRATION

H89558E 02

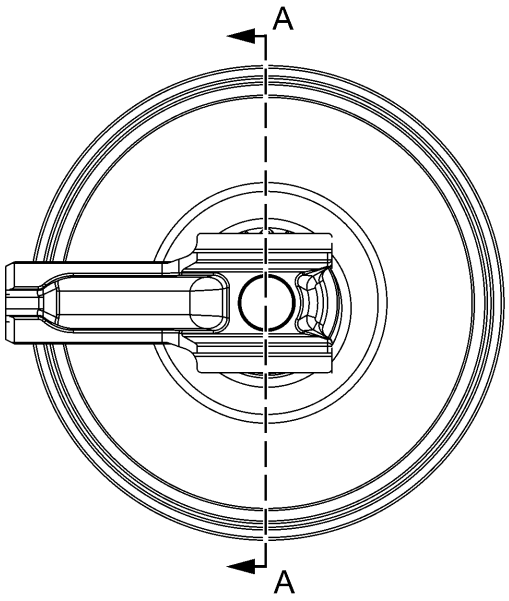
239-4385 IDLER GP-FRONT

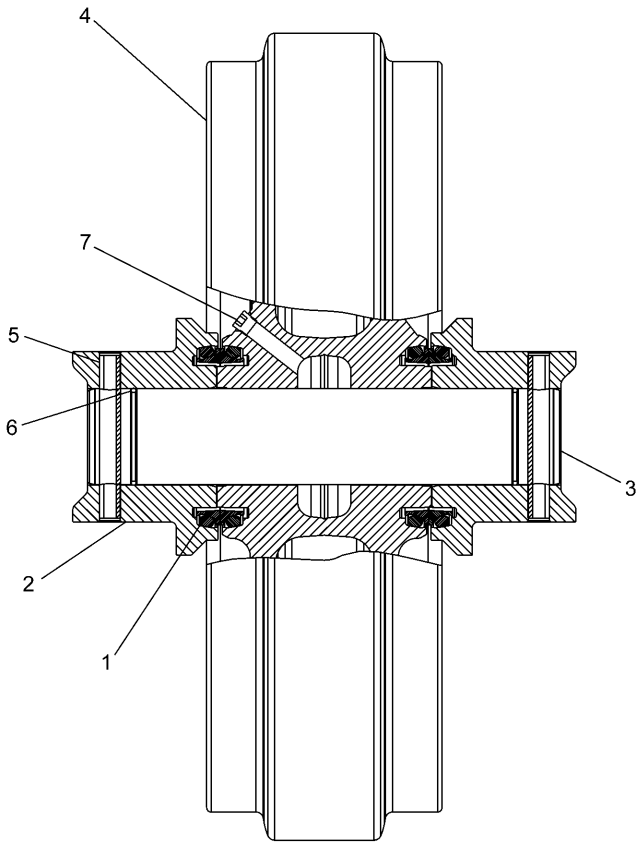
Right Hand

Part of 239-4341-Page293

248-7143-Page296,239-4387-Page298

FRAME AND BODY





A – A

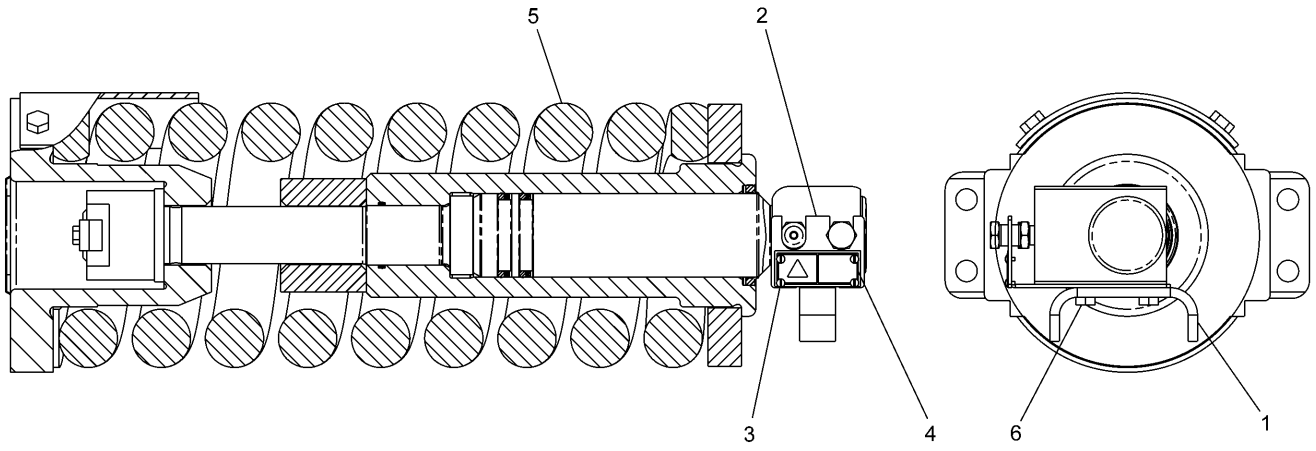
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9W-2201	2	SEAL GP					
	2	239-4362	2	BEARING					
	3	246-5425	1	SHAFT					
	4	262-4781	1	IDLER AS					
		8E-4359	2	BEARING					
	5	9W-9455	2	PIN					
	6	6V-7658	2	SEAL-O-RING (ID=59.40mm)					
	7	7H-3171	1	PLUG					

H89550E 00

248-7143 IDLER GP-FRONT

Part of 239-4386-Page294,239-4385-Page295

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-1746	1	PLATE					
	2	168-6761	1	PLATE AS					
	3	4B-4158	4	SCREW					
	4	253-1346	1	PLATE (WARNING)					
Y	5	239-4389	1	RECOIL GP					
	6	8T-4137	2	BOLT (L=20mm)					

Y—SEE SEPARATE ILLUSTRATION

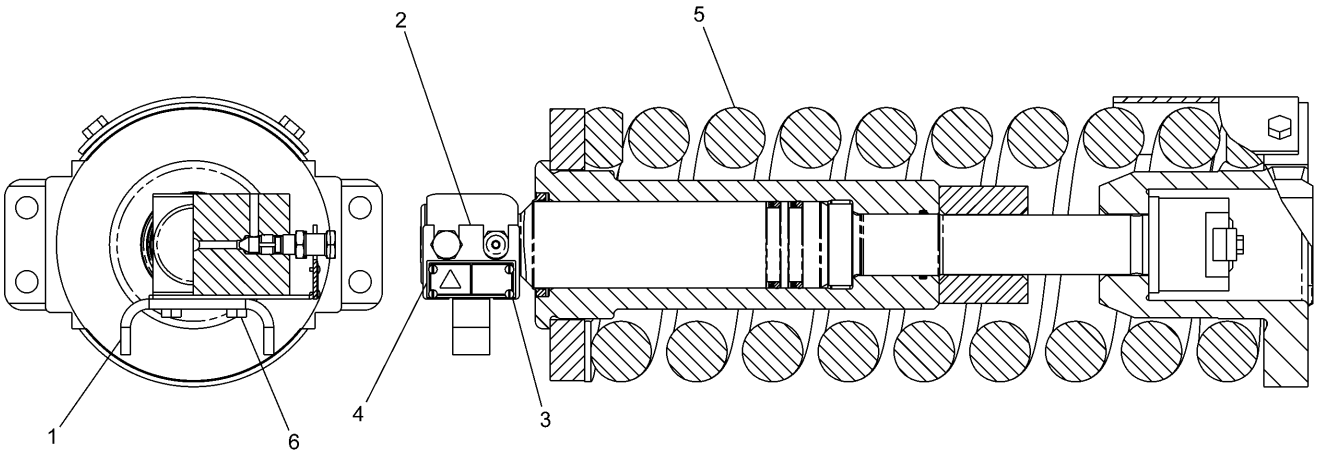
H89580E 01

239-4388 TRACK ADJUSTER & RECOIL GP

Left Hand

Part of 239-4386-Page294
239-4389-Page299

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-1746	1	PLATE					
	2	168-6761	1	PLATE AS					
	3	4B-4158	4	SCREW					
	4	253-1346	1	PLATE (WARNING)					
Y	5	239-4389	1	RECOIL GP					
	6	8T-4137	2	BOLT (L=20mm)					

Y—SEE SEPARATE ILLUSTRATION

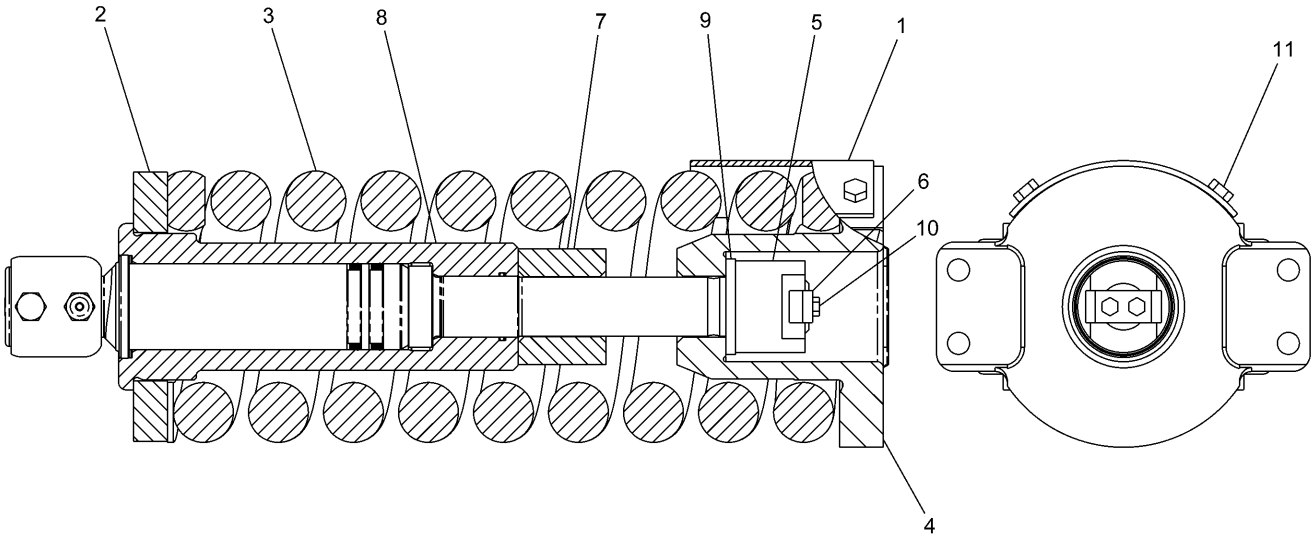
H89562E 01

239-4387 TRACK ADJUSTER & RECOIL GP

Right Hand

Part of 239-4385-Page295
239-4389-Page299

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-1781	1	COVER					
	2	145-3035	1	PLATE					
	3	239-4350	1	SPRING					
	4	239-4378	1	SUPPORT					
	5	239-4382	1	NUT					
	6	239-4383	1	STRIP					
	7	239-4384	1	SPACER					
Y	8	239-4390	1	RECOIL GP					
	9	239-4393	1	WASHER					
	10	7X-2536	2	BOLT (L=14mm)					
	11	8T-4179	2	BOLT (L=20mm)					

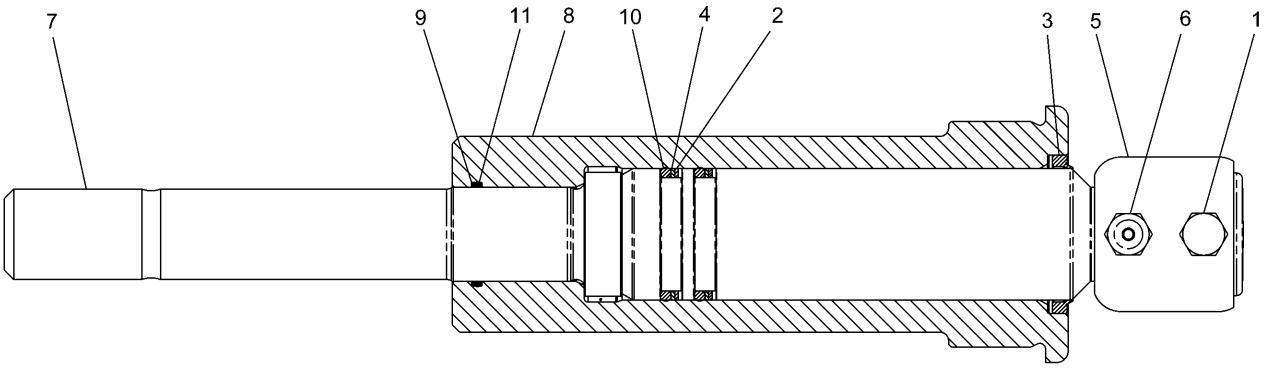
Y—SEE SEPARATE ILLUSTRATION

H94763E 02

239-4389 TRACK ADJUSTER & RECOIL GP

Part of 239-4388-Page297,239-4387-Page298
239-4390-Page300

FRAME AND BODY

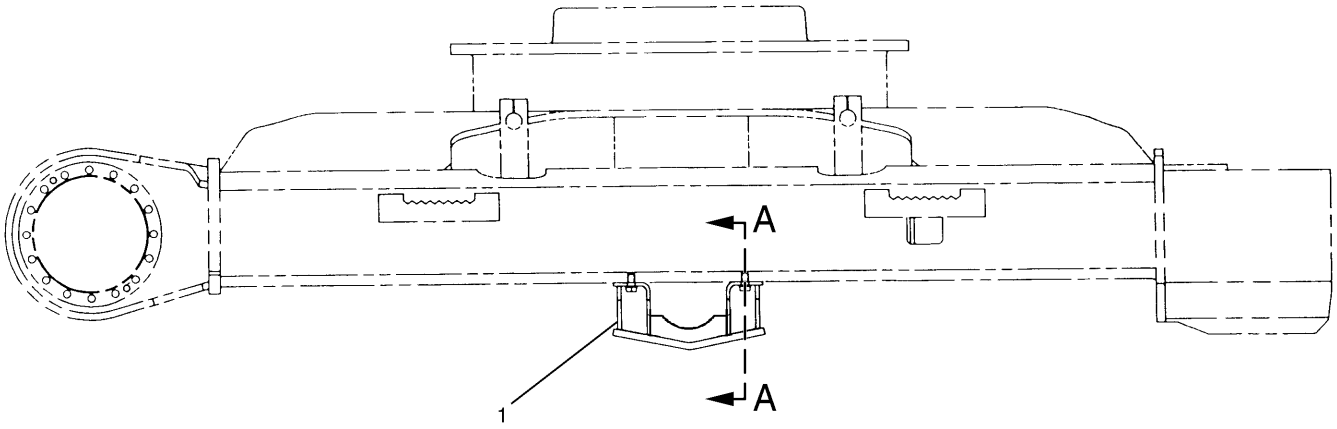


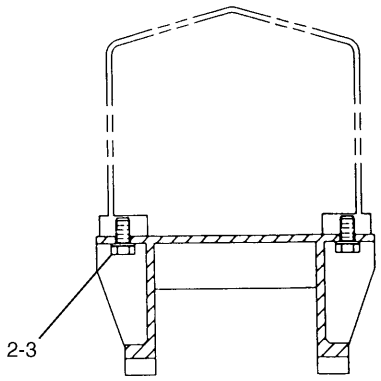
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2S-5926	1	VALVE (RELIEF)					
	2	7Y-0682	2	RING					
	3	093-1436	1	SEAL					
	4	093-1512	2	RING					
	5	145-3031	1	PISTON AS					
	6	095-2927	1	VALVE (FILL)					
	7	239-4391	1	ROD					
	8	239-4392	1	CYLINDER					
	9	239-4394	1	RING					
	10	248-7174	2	SEAL (ID=59.20mm)					
	11	095-1704	1	SEAL-O-RING (ID=49.40mm)					

H98037E 02

239-4390 TRACK ADJUSTER & RECOIL GP
Part of 239-4389-Page299

FRAME AND BODY



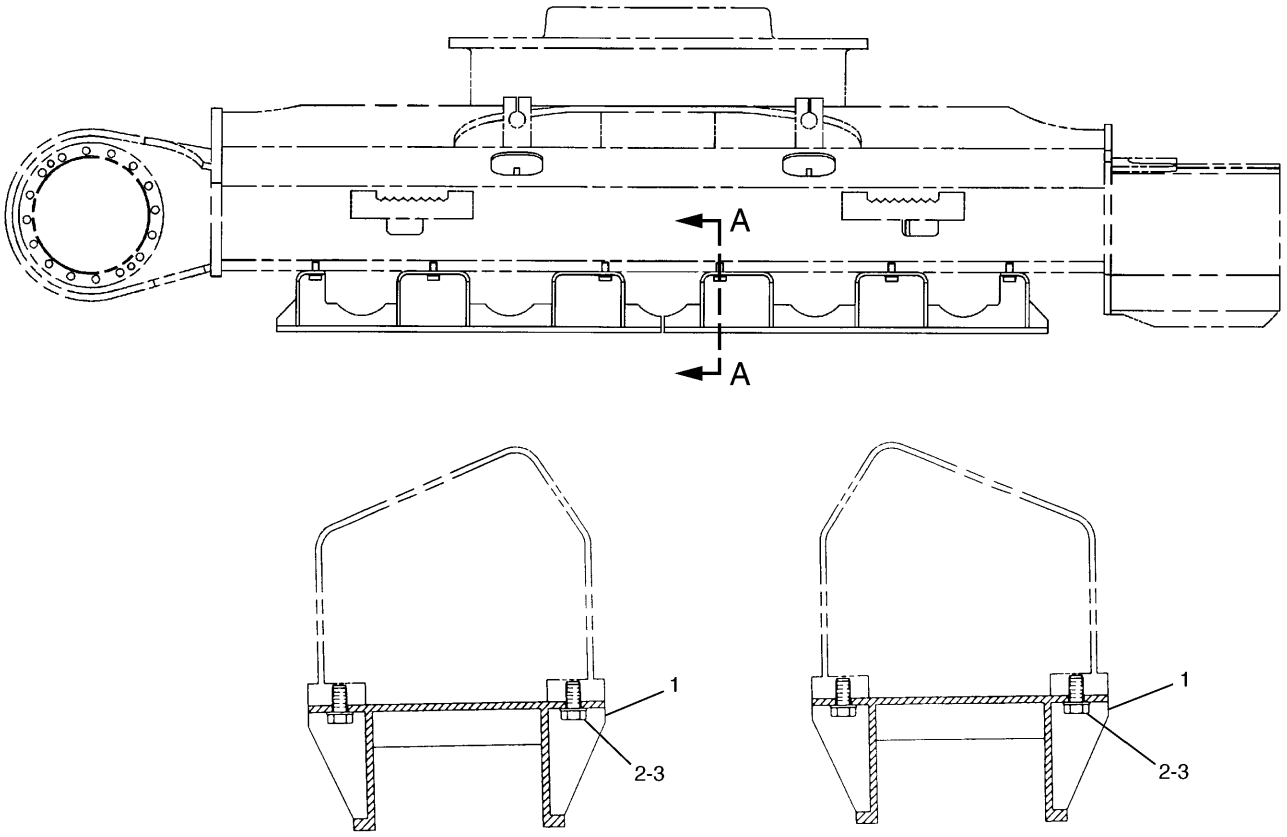


A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	240-2988	1	GUARD AS					
	2	8T-4123	4	WASHER					
	3	8T-5460	4	BOLT (L=40mm)					

H88204E 05

087-5908 GUARD GP-TRACK GUIDE
2 Required

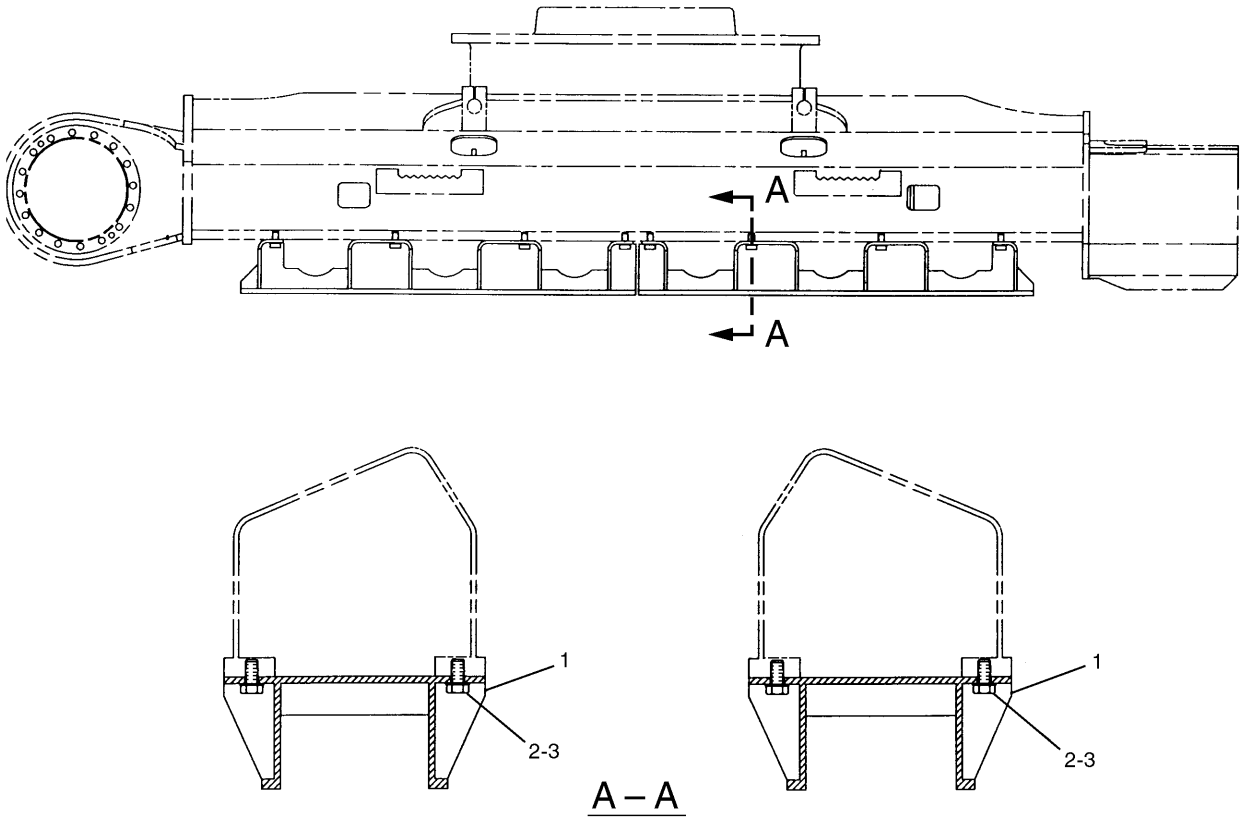


A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	219-8468	4	GUARD AS					
	2	8T-5460	24	BOLT (L=40mm)					
	3	8T-4123	24	WASHER					

H83525E 02

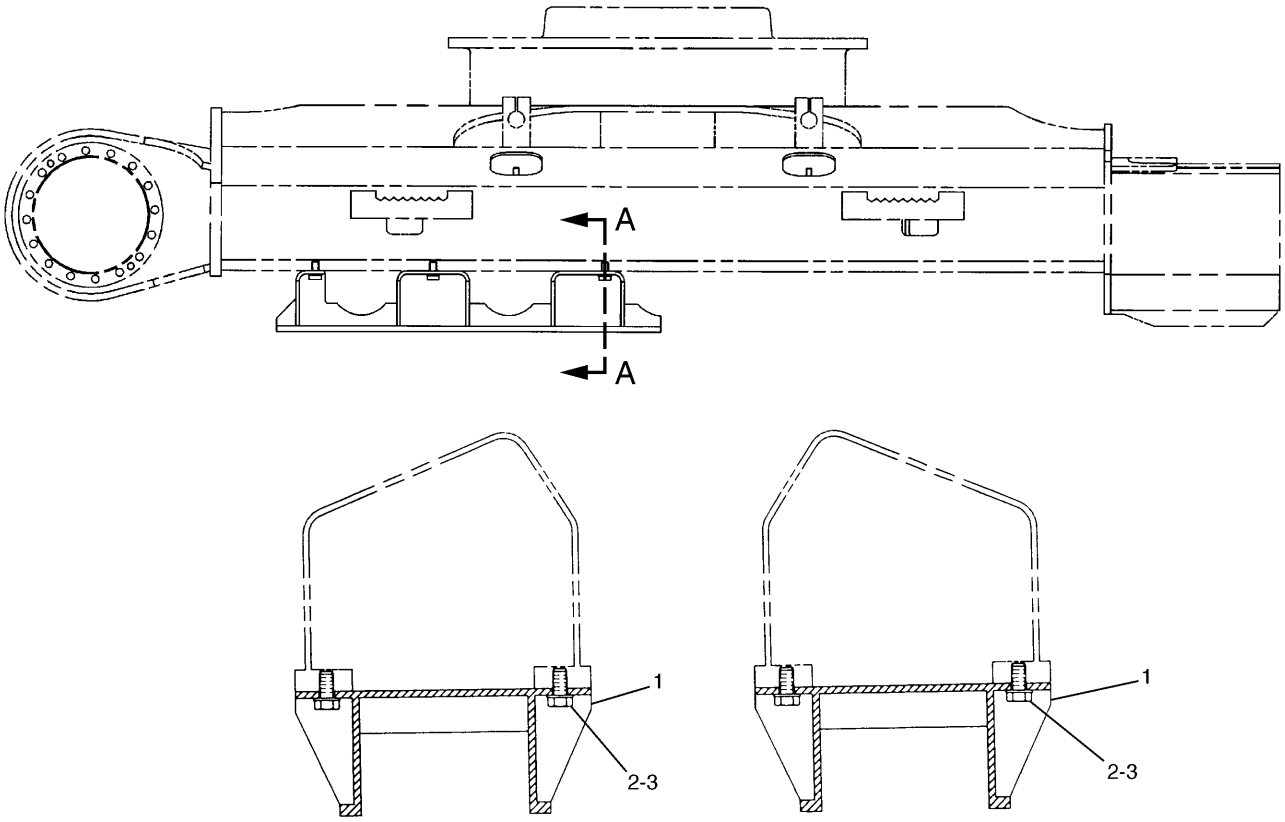
120-7165 GUARD GP-TRACK GUIDE
Full Length
S/N BWZ 1-Up
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	219-8469	4	GUARD AS					
	2	8T-5460	32	BOLT (L=40mm)					
	3	8T-4123	32	WASHER					

H82207E 02

120-7168 GUARD GP-TRACK GUIDE
Full Length
S/N DFB 1-Up
An Attachment

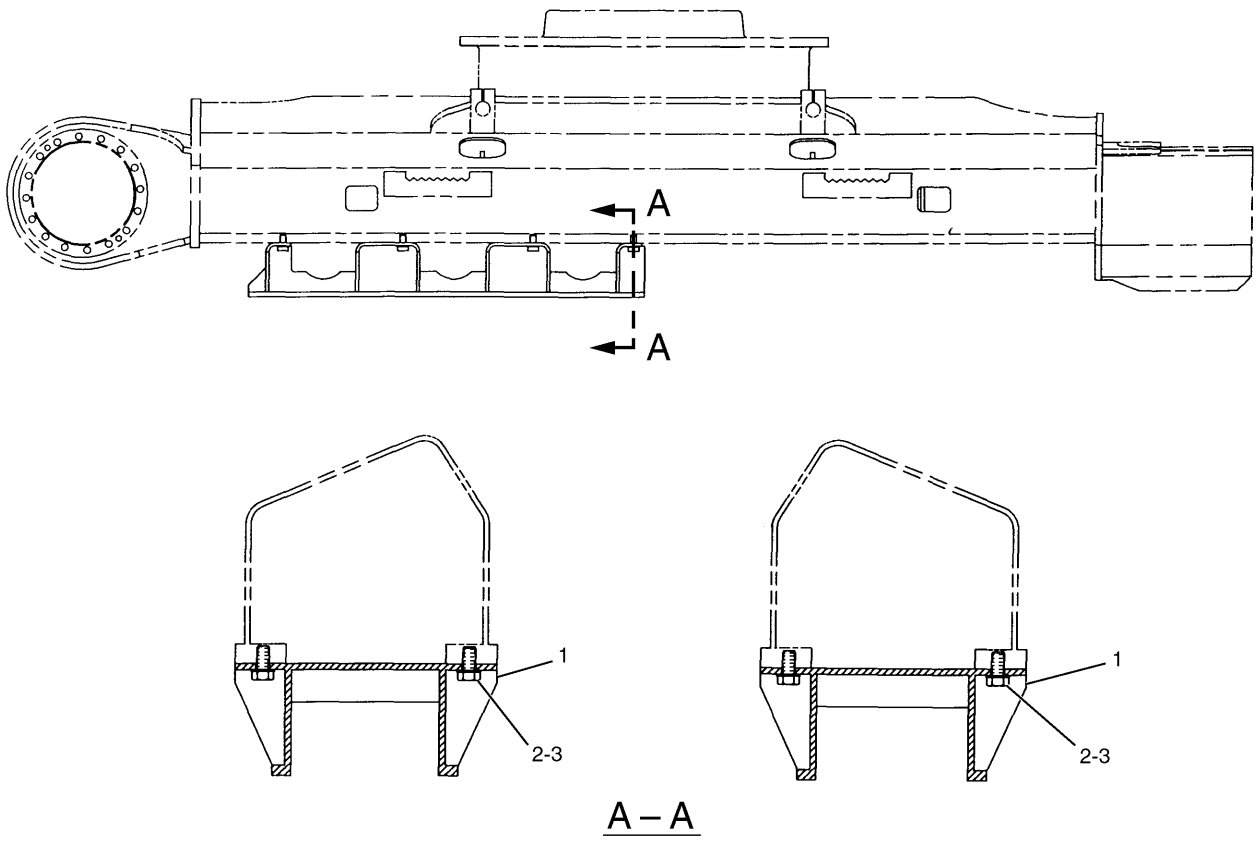


A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	219-8468	2	GUARD AS					
	2	8T-5460	12	BOLT (L=40mm)					
	3	8T-4123	12	WASHER					

H83524E 02

120-7164 GUARD GP-TRACK GUIDE
Sprocket
S/N BWZ 1-Up
An Attachment



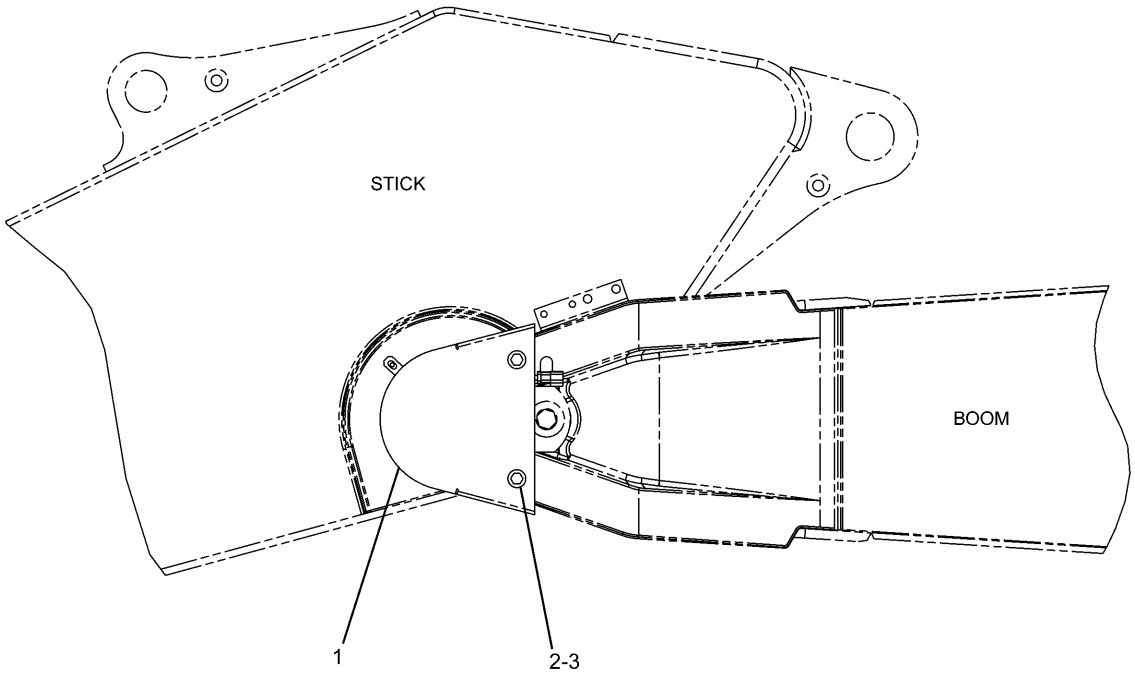
A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	219-8469	2	GUARD AS					
	2	8T-5460	16	BOLT (L=40mm)					
	3	8T-4123	16	WASHER					

H82206E 02

120-7167 GUARD GP-TRACK GUIDE
Sprocket
S/N DFB 1-Up
An Attachment

FRAME AND BODY



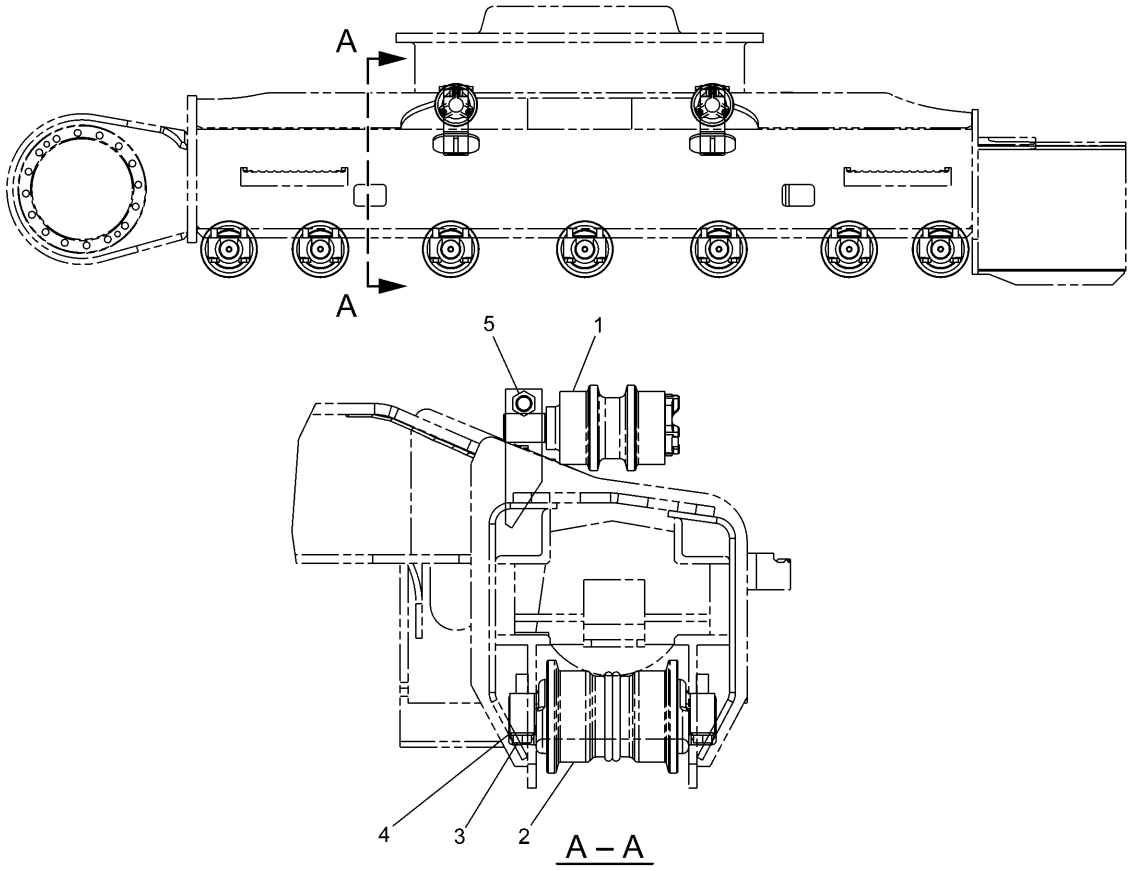
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	161-9605	1	COVER AS					
	2	5P-1076	2	WASHER					
	3	8T-4179	2	BOLT (L=20mm)					

H89867E 03

161-9604 GUARD GP-FRONT

S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	8E-5600	4	ROLLER GP					
Y	2	163-4143	14	ROLLER GP					
	3	7X-2565	56	BOLT (L=100mm)					
	4	8T-4123	56	WASHER					
	5	8T-5878	4	BOLT (L=80mm)					

Y—SEE SEPARATE ILLUSTRATION

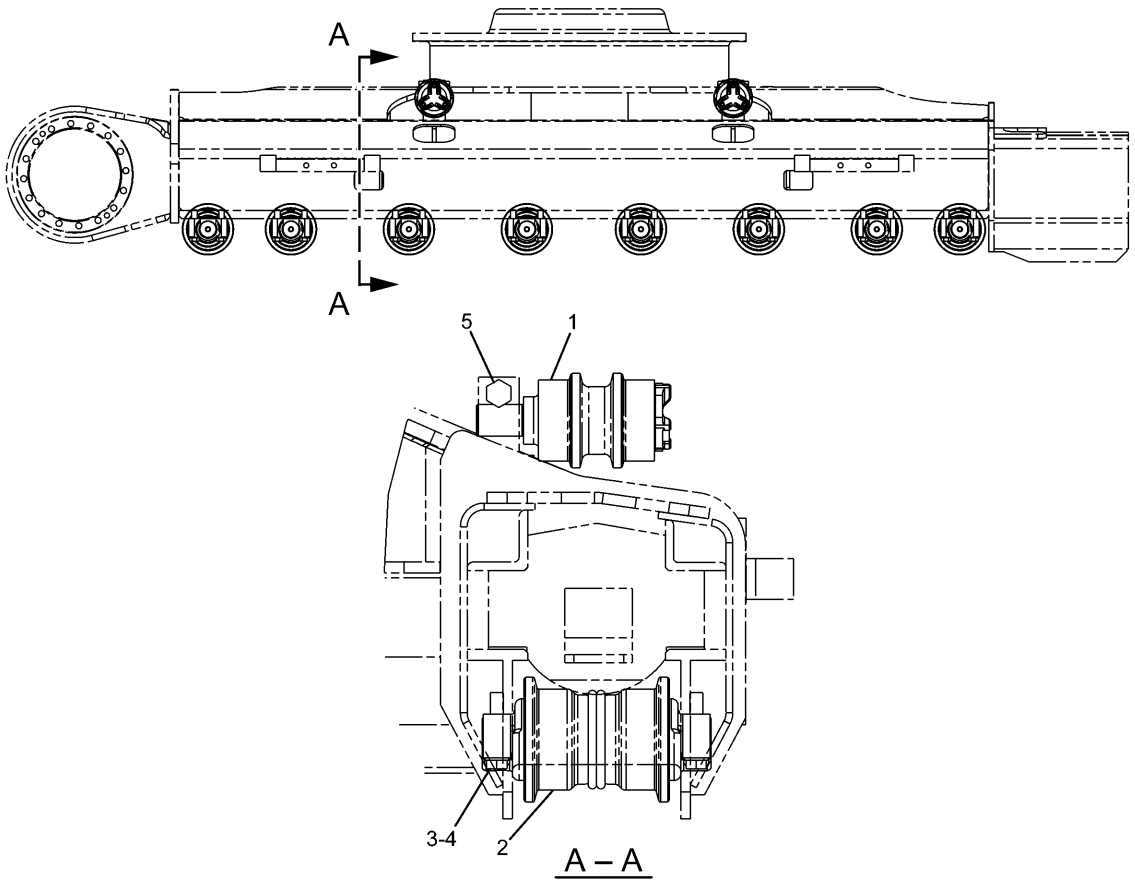
H89590E 08

7Y-1607 ROLLER AR-TRACK & CARRIER

S/N BWZ 1-Up

8E-5600-Page311,163-4143-Page312

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	8E-5600	4	ROLLER GP					
Y	2	163-4143	16	ROLLER GP					
	3	7X-2565	64	BOLT (L=100mm)					
	4	8T-4123	64	WASHER					
	5	8T-5878	4	BOLT (L=80mm)					

Y—SEE SEPARATE ILLUSTRATION

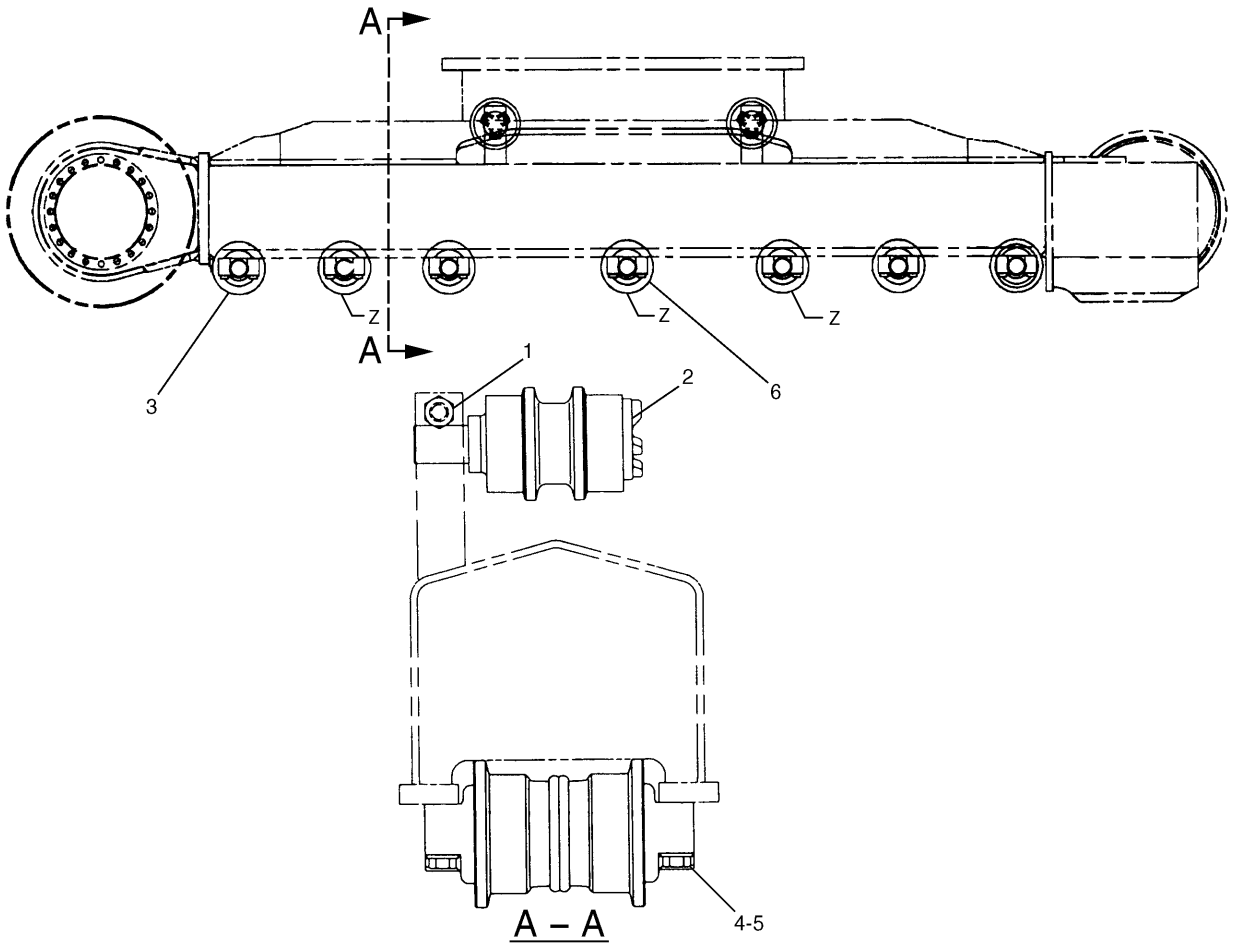
H89593E 08

7Y-1608 ROLLER AR-TRACK & CARRIER

S/N DFB 1-Up

8E-5600-Page311,163-4143-Page312

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-5878	4	BOLT (L=80mm)					
Y	2	8E-5600	4	ROLLER GP					
Y	3	163-4143	8	ROLLER GP					
	4	7X-2565	56	BOLT (L=100mm)					
	5	8T-4123	56	WASHER					
Y	6	163-4144	6	ROLLER GP					

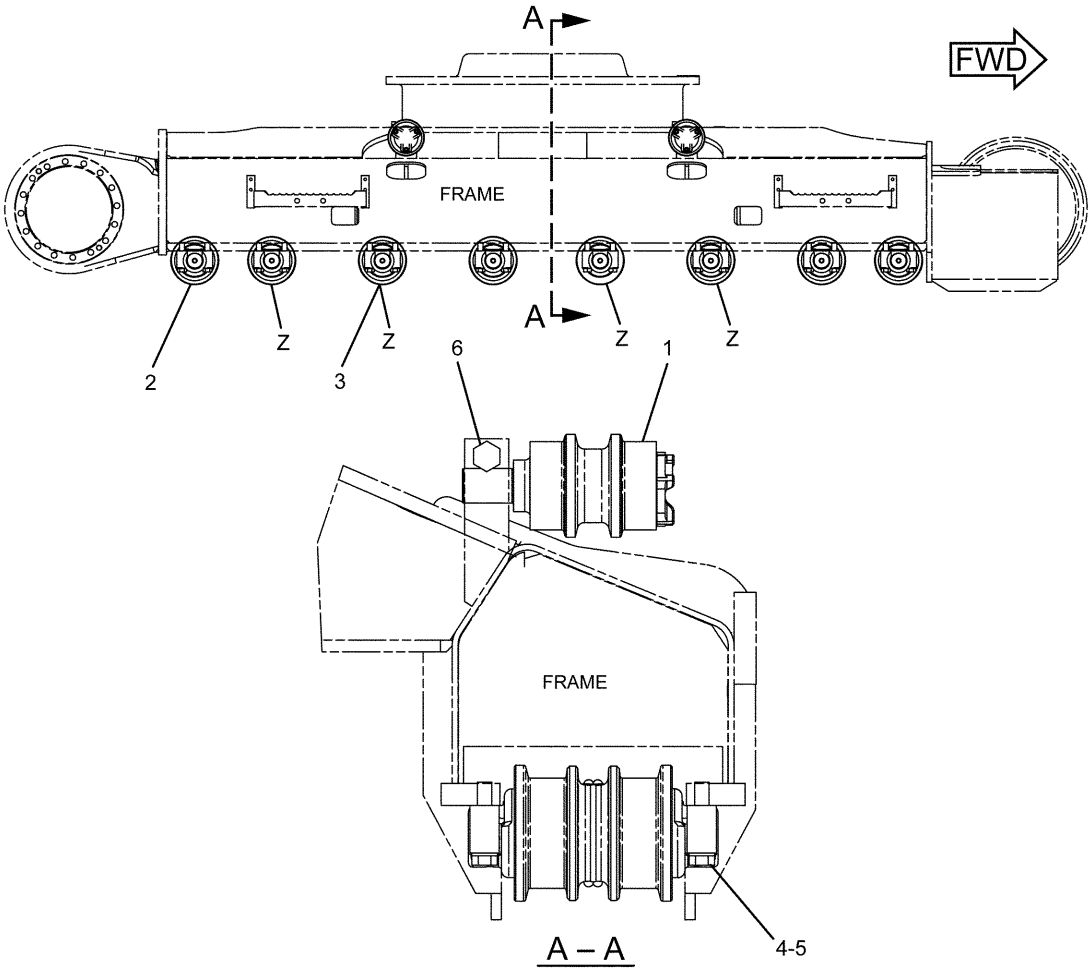
Y—SEE SEPARATE ILLUSTRATION

H91784E 04

5Q-3226 ROLLER AR-TRACK & CARRIER

S/N BWZ 1-Up, SNS 1-Up
8E-5600-Page311,163-4143-Page312,163-4144-Page313
An Attachment

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	8E-5600	4	ROLLER GP					
Y	2	163-4143	8	ROLLER GP					
Y	3	163-4144	8	ROLLER GP					
	4	7X-2565	64	BOLT (L=100mm)					
	5	8T-4123	64	WASHER					
	6	8T-5878	4	BOLT (L=80mm)					

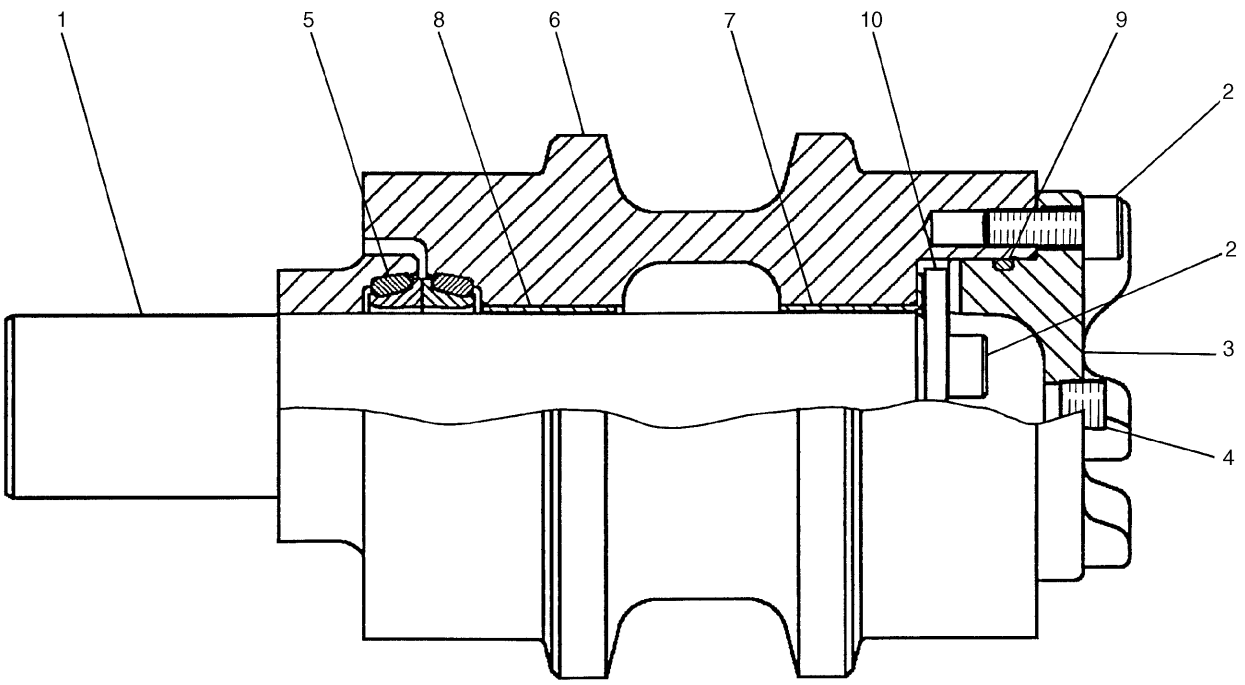
Y—SEE SEPARATE ILLUSTRATION

H93543E 04

5Q-3227 ROLLER AR-TRACK & CARRIER

S/N DFB 1-Up, WJN 1-Up
8E-5600-Page311,163-4143-Page312,163-4144-Page313
An Attachment

FRAME AND BODY

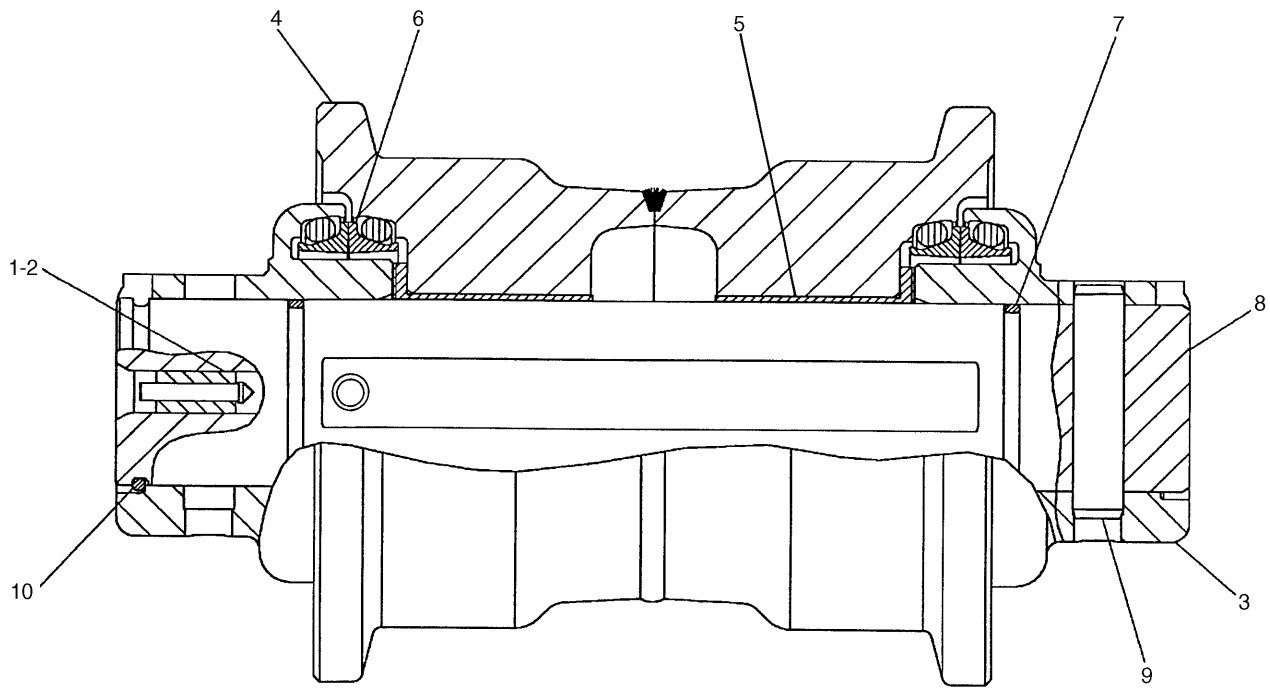


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8E-5601	1	SHAFT AS					
	2	8T-1159	5	BOLT (L=25mm)					
	3	8E-5605	1	COVER					
	4	7H-3171	1	PLUG					
	5	8E-5608	1	SEAL GP					
	6	8E-5602	1	ROLLER AS					
	7	8E-6793	1	BEARING					
	8	8E-6792	1	BEARING					
	9	6V-7661	1	SEAL-O-RING (ID=69.40mm)					
	10	8E-5606	1	RETAINER					

H67131E 03

8E-5600 ROLLER GP-TRACK CARRIER

Part of 7Y-1607-Page307,7Y-1608-Page308,5Q-3226-Page309,5Q-3227-Page310



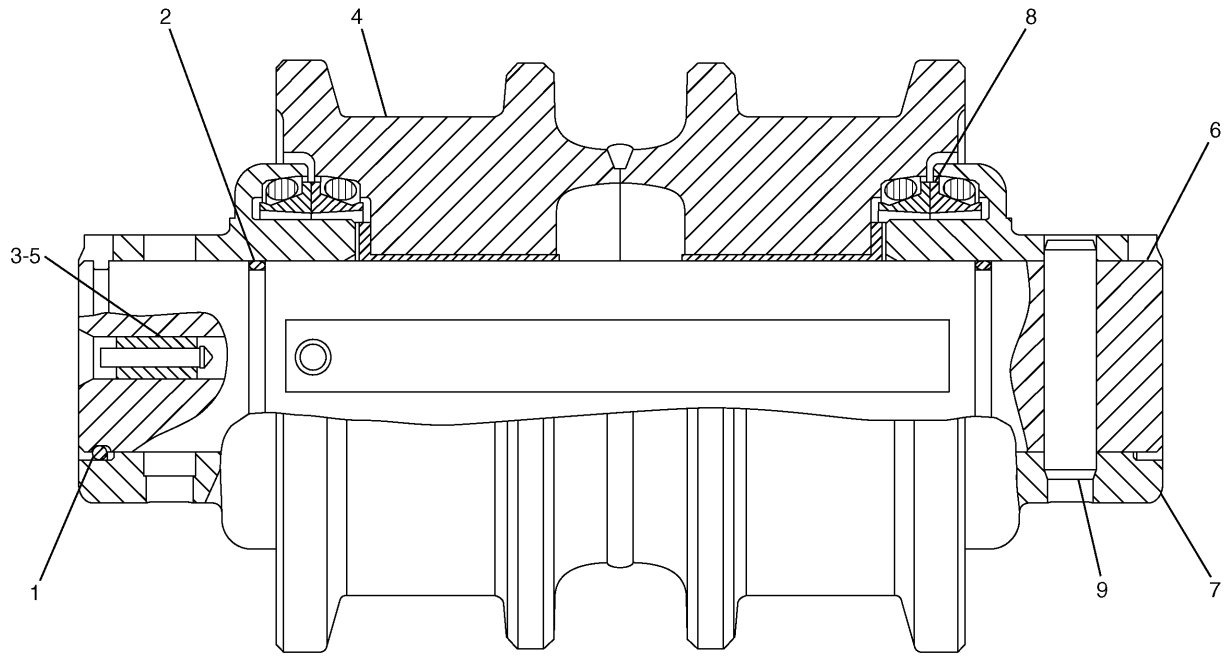
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5G-2247	1	STOPPER					
	2	6Y-0473	1	PLUG					
	3	8E-5037	2	COLLAR					
	4	8E-5032	1	ROLLER AS					
	5	8E-5599	2	BEARING					
	6	9W-2142	2	SEAL GP					
	7	7F-8268	2	SEAL-O-RING (ID=53.57mm)					
	8	8E-5035	1	SHAFT					
	9	3E-3217	1	DOWEL					
	10	8E-5031	2	RING					

H67172E 00

163-4143 ROLLER GP-TRACK-SINGLE FLANGE

Part of 7Y-1607-Page307,7Y-1608-Page308,5Q-3226-Page309,5Q-3227-Page310

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8E-5031	2	RING					
	2	7F-8268	2	SEAL-O-RING (ID=53.57mm)					
	3	5G-2247	1	STOPPER					
	4	5Q-3215	1	ROLLER AS					
		8E-5599	2	BEARING					
	5	6Y-0473	1	PLUG					
	6	8E-5035	1	SHAFT					
	7	8E-5037	2	COLLAR					
	8	9W-2142	2	SEAL GP					
	9	3E-3217	1	DOWEL					

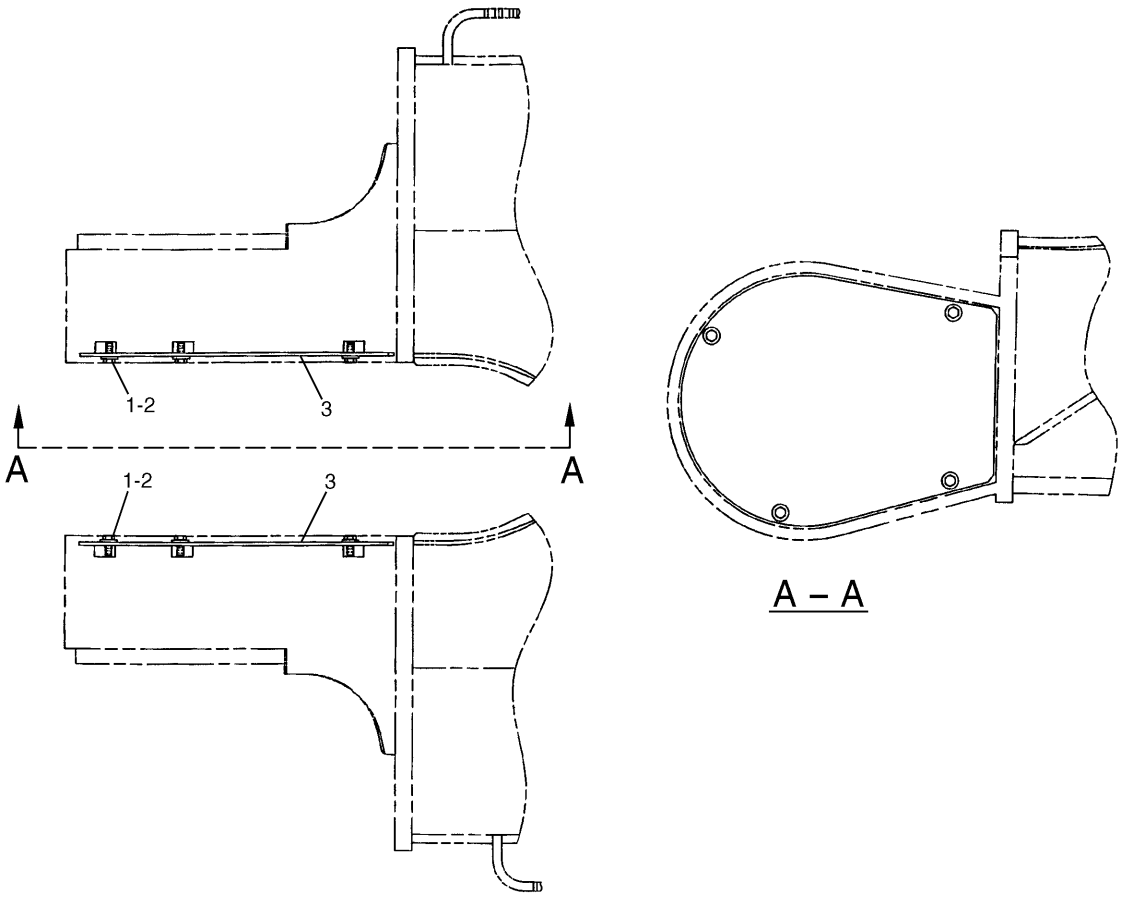
H67173E 00

163-4144 ROLLER GP-TRACK-DOUBLE FLANGE

Part of 5Q-3226-Page309,5Q-3227-Page310

An Attachment

FRAME AND BODY

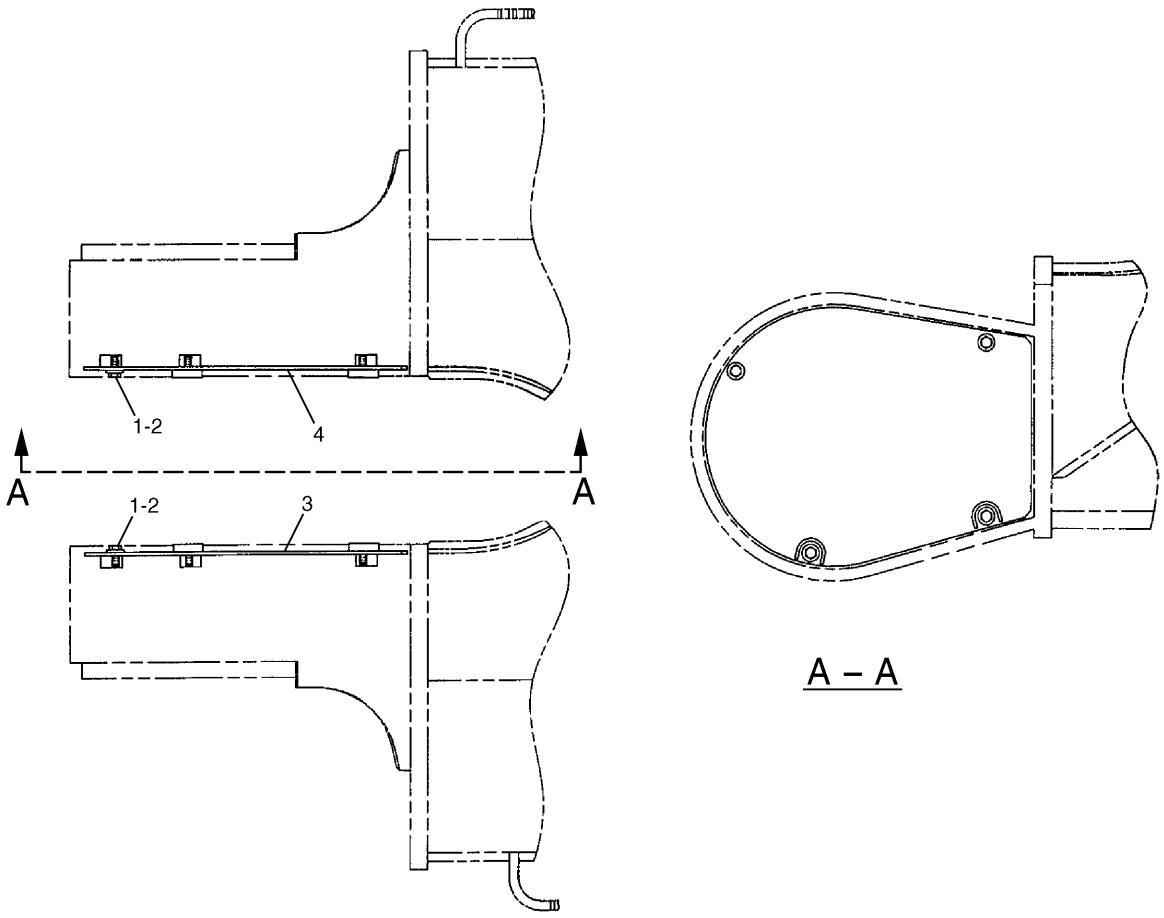


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8C-8992	8	BOLT (L=30mm)					
	2	5P-1076	8	WASHER					
	3	163-3755	2	COVER					

H67171E 01

163-3754 GUARD GP-TRAVEL MOTOR
S/N BWZ 1-Up, DFB 1-Up

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5P-1076	8	WASHER					
	2	8C-8992	8	BOLT (L=30mm)					
	3	166-1512	1	COVER AS					
	4	166-1479	1	COVER AS					

H67469E 01

166-1478 GUARD GP-TRAVEL MOTOR
S/N SNS 1-Up, WJN 1-Up

Consists of :

			Page
1	194-1609	LINK AS-TRACK	320
180	9W-3361	NUT	
180	9W-3619	BOLT	
45	126-5062	SHOE	

H73083E 00

194-1920 TRACK GP
S/N BWZ 1-Up, SNS 1-Up
An Attachment

Consists of :

			Page
45	6I-9454	SHOE	
180	9W-3361	NUT	
180	9W-3619	BOLT	
1	194-1609	LINK AS-TRACK	320

H94025E 01

194-1917 TRACK GP
S/N BWZ 1-Up, SNS 1-Up
An Attachment

Consists of :

			Page
1	194-1921	TRACK GP	317
1	235-7764	STEP GP	292

H90076E 00

247-7382 TRACK GP
800MM Triple Grouser Shoe-2 Required
S/N BWZ 1-(T08.08), SNS 1-(T08.08)
An Attachment

Consists of :

			Page
180	9W-3361	NUT	
180	9W-3619	BOLT	
45	9W-9351	SHOE	
1	194-1609	LINK AS-TRACK	320

H94024E 01

194-1921 TRACK GP
S/N BWZ 1-(T08.08), SNS 1-(T08.08)
Part of 247-7382-Page317
An Attachment

Consists of :

			Page
1	235-7764	STEP GP	292
1	332-8915	TRACK GP	317.01

HA1233E 00

314-3797 TRACK GP
790MM Triple Grouser Shoe-2 Required
S/N BWZ (T08.09)-Up, SNS (T08.09)-Up
An Attachment

Consists of :

			Page
180	9W-3361	NUT	
180	9W-3619	BOLT	
1	194-1609	LINK AS-TRACK	320
45	332-8903	SHOE	

HA1243E 00

332-8915 TRACK GP
790MM Triple Grouser Shoe
S/N BWZ (T08.09)-Up, SNS (T08.09)-Up
Part of 314-3797-Page317.01
An Attachment

MEMORANDA

Consists of :

			Page
1	194-1608	LINK AS-TRACK	321
196	9W-3619	BOLT	
49	126-5062	SHOE	
196	9W-3361	NUT	

H74584E 00

194-1910 TRACK GP
S/N DFB 1-Up, WJN 1-Up
An Attachment

Consists of :

			Page
49	6I-9454	SHOE	
196	9W-3361	NUT	
196	9W-3619	BOLT	
1	194-1608	LINK AS-TRACK	321

H94026E 04

194-1911 TRACK GP
S/N DFB 1-Up, WJN 1-Up
An Attachment

Consists of :

			Page
1	194-1912	TRACK GP	319
1	235-7764	STEP GP	292

H90075E 00

247-7346 TRACK GP
800MM Triple Grouser Shoe-2 Required
S/N DFB 1-(T08.08), WJN 1-(T08.08)
An Attachment

Consists of :

			Page
196	9W-3361	NUT	
196	9W-3619	BOLT	
49	9W-9351	SHOE	
1	194-1608	LINK AS-TRACK	321

H94023E 03

194-1912 TRACK GP
S/N DFB 1-(T08.08), WJN 1-(T08.08)
Part of 247-7346-Page319
An Attachment

Consists of :

			Page
1	235-7764	STEP GP	292
1	332-8908	TRACK GP	319.01

HA1235E 00

314-3798 TRACK GP
790MM Triple Grouser Shoe-2 Required
S/N DFB (T08.09)-Up, WJN (T08.09)-Up
An Attachment

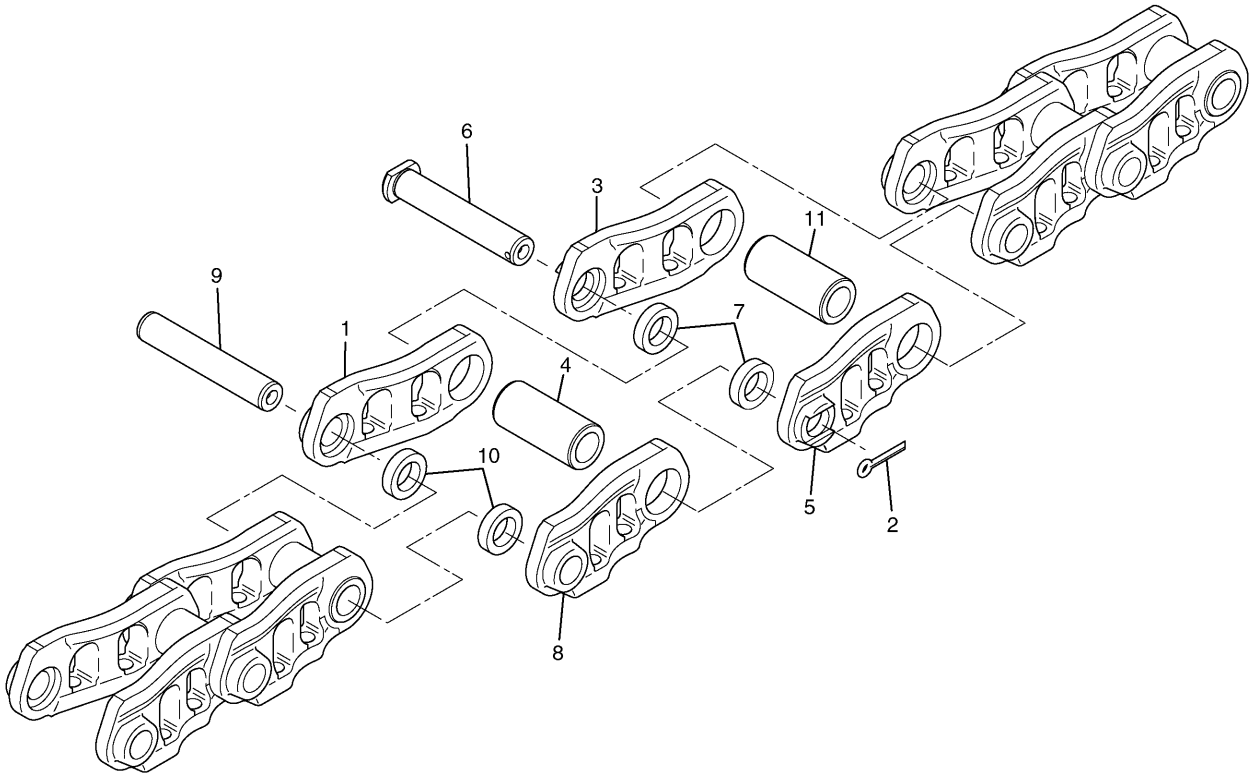
Consists of :

			Page
196	9W-3361	NUT	
196	9W-3619	BOLT	
1	194-1608	LINK AS-TRACK	321
49	332-8903	SHOE	

HA1240E 00

332-8908 TRACK GP
790MM Triple Grouser Shoe
S/N DFB (T08.09)-Up, WJN (T08.09)-Up
Part of 314-3798-Page319.01
An Attachment

MEMORANDA

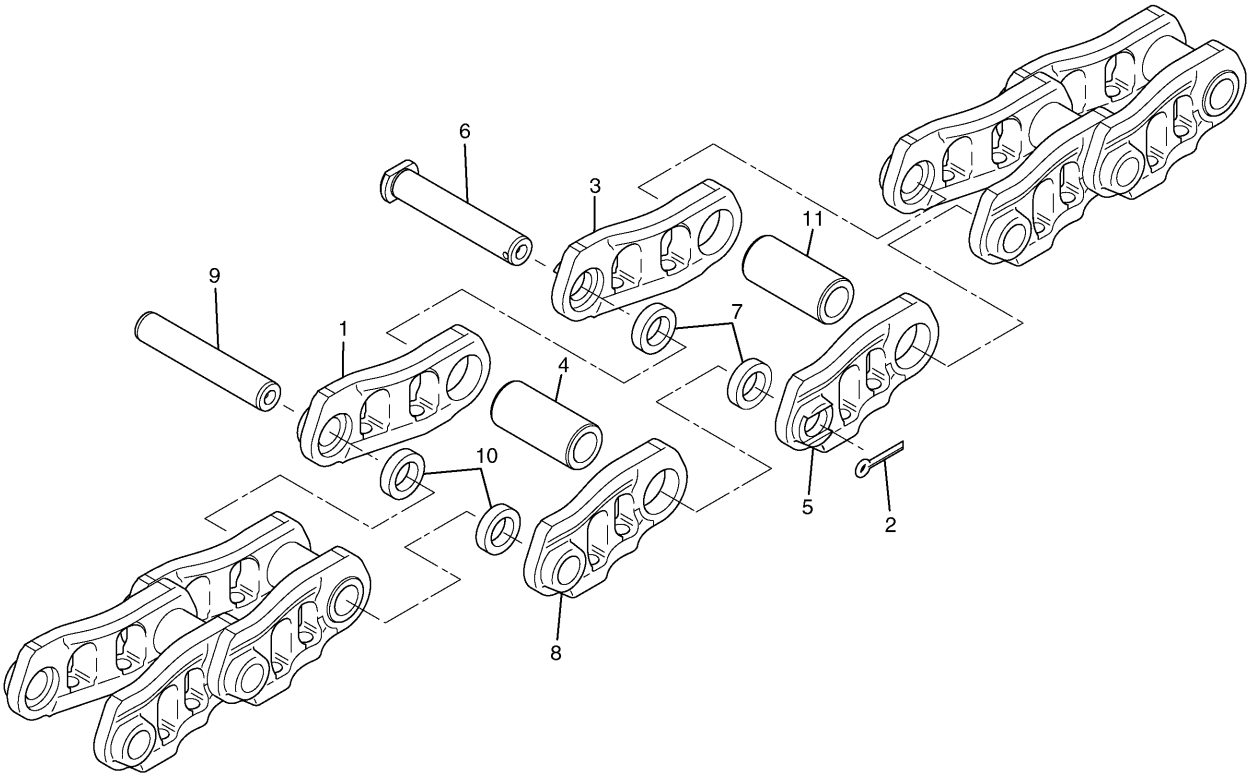


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9W-3138	44	LINK					
	2	095-0863	1	COTTER					
	3	8E-8586	1	LINK					
	4	190-3524	1	BUSHING					
	5	8E-8585	1	LINK					
	6	188-3064	1	PIN					
	7	158-4381	2	SEAL					
	8	9W-3137	44	LINK					
	9	6Y-8186	44	PIN					
	10	158-4380	88	SEAL					
	11	190-3523	44	BUSHING					

H73082E 00

194-1609 LINK AS-TRACK

Grease Lubricated
S/N BWZ 1-Up, SNS 1-Up
Part of 194-1917,194-1920-Page316,194-1921-Page317,332-8915-Page317.01
An Attachment

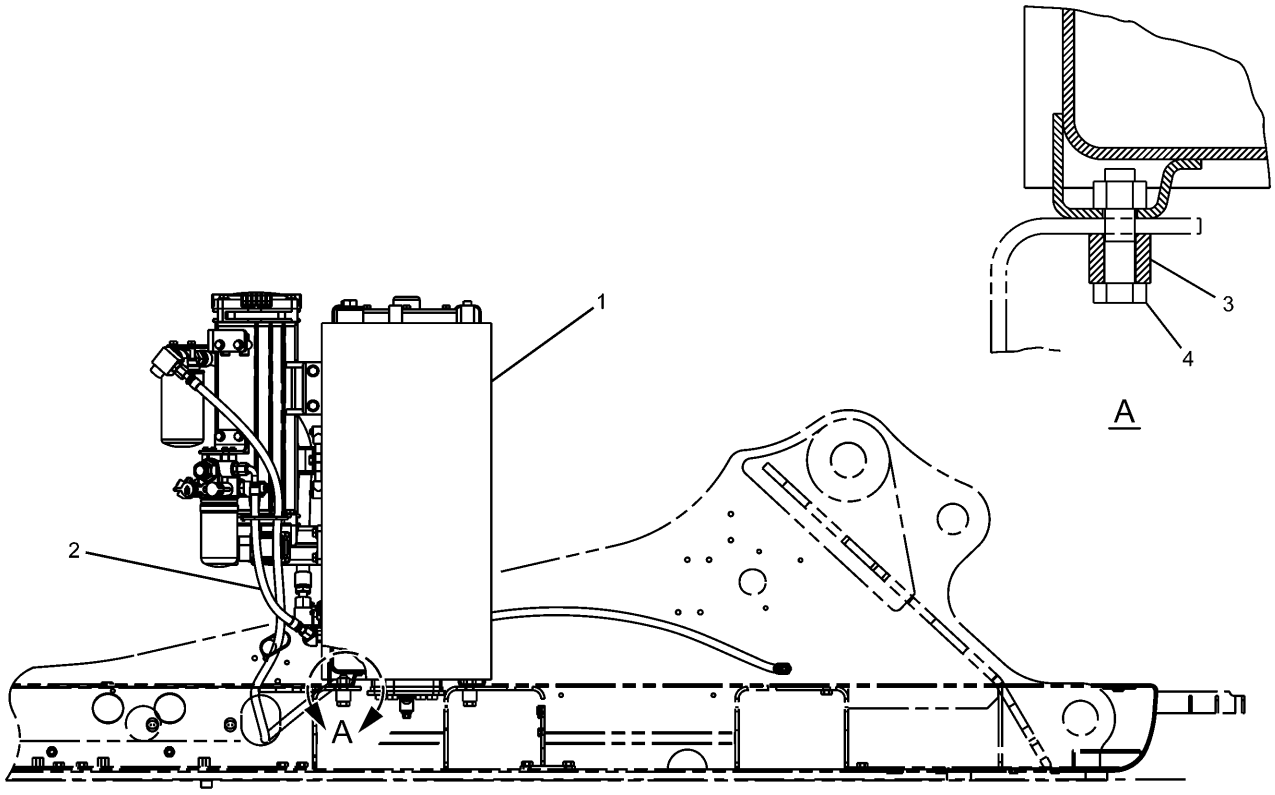


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9W-3138	48	LINK					
	2	095-0863	1	COTTER					
	3	8E-8586	1	LINK					
	4	190-3524	1	BUSHING					
	5	8E-8585	1	LINK					
	6	188-3064	1	PIN					
	7	158-4381	2	SEAL					
	8	9W-3137	48	LINK					
	9	6Y-8186	48	PIN					
	10	158-4380	96	SEAL					
	11	190-3523	48	BUSHING					

H74591E 00

194-1608 LINK AS-TRACK

Grease Lubricated
S/N DFB 1-Up, WJN 1-Up
Part of 194-1910,194-1911-Page318,194-1912-Page319,332-8908-Page319.01
An Attachment



RIGHT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	239-1711	1	TANK GP					
Y	2	248-9853	1	TANK GP (LINES)					
	3	085-9310	6	SPACER					
	4	8T-4140	6	BOLT (L=60mm)					

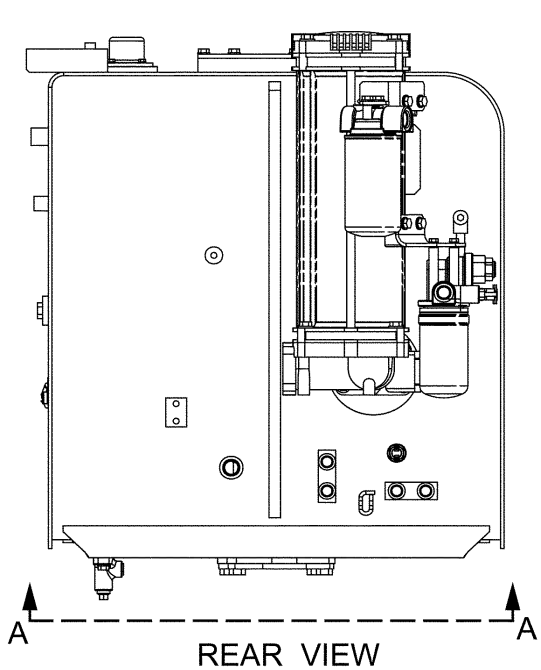
Y—SEE SEPARATE ILLUSTRATION

H89533E 00

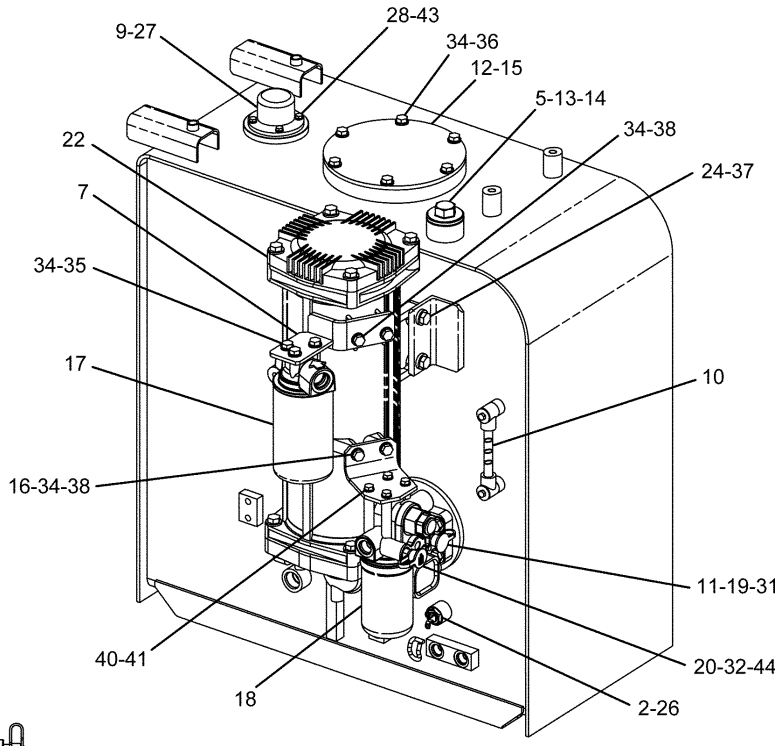
239-1710 TANK & MTG GP-HYDRAULIC

239-1711-Page324,248-9853-Page440

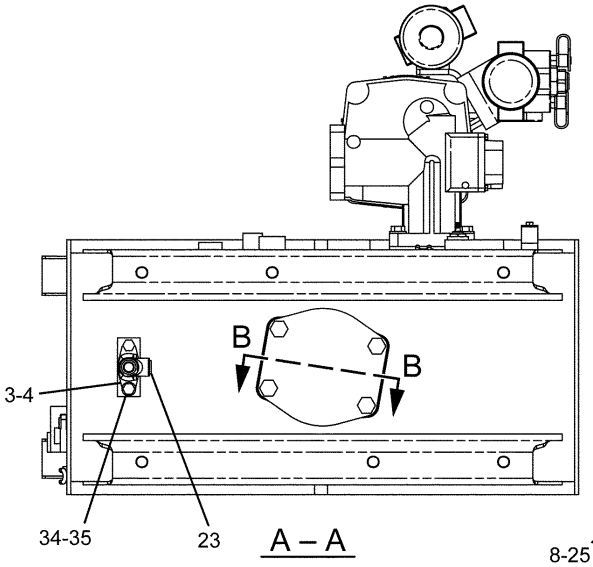
MEMORANDA



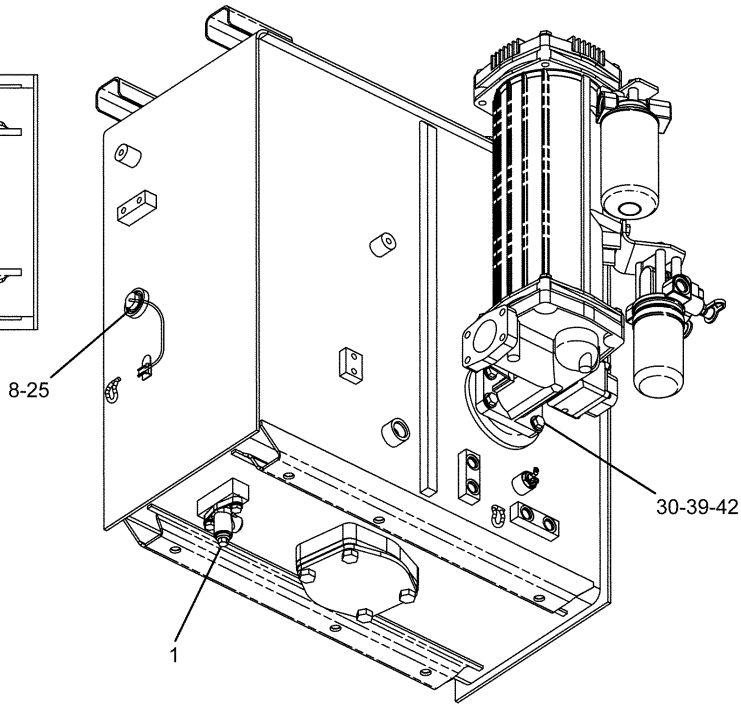
REAR VIEW

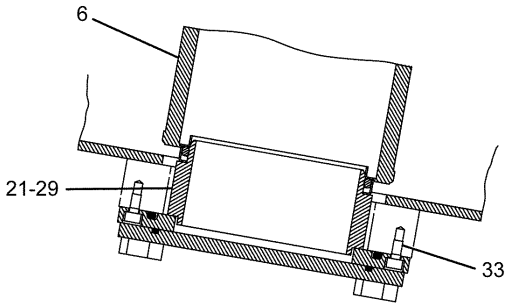


PICTORIAL VIEW
(VIEW FROM FRONT SIDE)



A – A





B – B

PICTORIAL VIEW
(VIEW FROM FRONT SIDE)

H99643E 06

239-1711 TANK & FILTER GP-HYDRAULIC

Capacity 210 Liters

Part of 239-1710-Page322
259-0922-Page326,227-0620-Page327,289-8194-Page329,158-8987-Page330,188-4140-Page333

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4B-7739	1	PLUG					
	2	4I-5394	1	SENDER					
		4I-5490	2	SCREW					
		095-0826	2	LOCKWASHER					
	3	4J-5267	1	SEAL-O-RING (ID=24.99mm)					
	4	8H-9819	1	ADAPTER					
	5	095-1608	1	SEAL-O-RING (ID=44.70mm)					
Y	6	259-0922	1	SCREEN GP					
	7	292-7297	1	SUPPORT AS					
	8	213-0677	1	SWITCH AS					
		102-8802	1	RECEPTACLE KIT					
		9X-3401	2	PIN					
	9	227-0590	1	BREATHER GP					
Y	10	227-0620	1	GAUGE AS					
	11	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	12	245-5402	1	COVER AS					
	13	207-6403	1	PLUG					
	14	207-6404	1	WASHER					
	15	095-1730	1	SEAL-O-RING (ID=179.30mm)					
	16	275-1362	1	BRACKET					
Y	17	289-8194	1	FILTER GP					
Y	18	158-8987	1	FILTER GP					
	19	6V-3965	1	NIPPLE AS					
	20	8C-3446	1	VALVE					
	21	165-3256	1	PIPE AS					
Y	22	188-4140	1	FILTER GP					
	23	2B-0858	1	PLUG					
	24	8T-7971	2	WASHER					
	25	3D-2824	1	SEAL-O-RING (ID=23.47mm)					
	26	3K-0360	1	SEAL-O-RING (ID=16.36mm)					
	27	4J-0527	1	SEAL-O-RING (ID=56.74mm)					
	28	5C-9553	4	BOLT (L=16mm)					
	29	6D-9157	1	SEAL-O-RING (ID=142.24mm)					
	30	6J-2680	1	SEAL-O-RING (ID=69.44mm)					
	31	6V-0852	1	CAP					
	32	8C-3451	1	CAP					
	33	8T-0267	2	BOLT (L=12mm)					
	34	8T-4121	15	WASHER					
	35	8T-4136	5	BOLT (L=25mm)					
	36	8T-4137	6	BOLT (L=20mm)					
	37	8T-4183	2	BOLT (L=40mm)					
	38	8T-4195	4	BOLT (L=30mm)					
	39	8T-4223	4	WASHER					
	40	8T-4224	4	WASHER					
	41	8T-4908	4	BOLT (L=25mm)					
	42	8T-4956	4	BOLT (L=35mm)					
	43	9X-8256	4	WASHER					
	44	3J-7354	1	SEAL-O-RING (ID=8.92mm)					

Y—SEE SEPARATE ILLUSTRATION

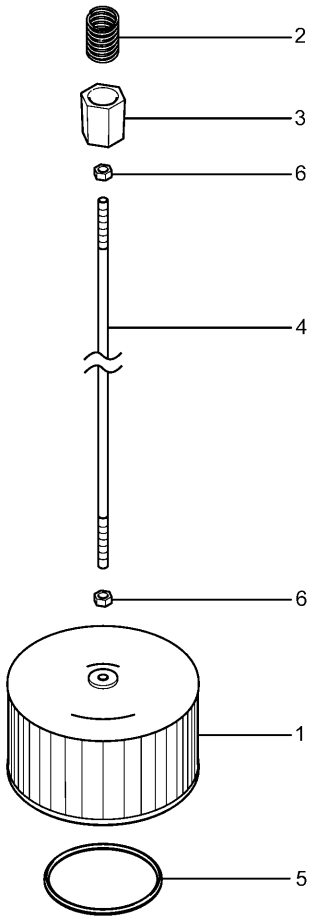
H99643E 06

239-1711 TANK & FILTER GP-HYDRAULIC

Capacity 210 Liters

Part of 239-1710-Page322

259-0922-Page326,227-0620-Page327,289-8194-Page329,158-8987-Page330,188-4140-Page333

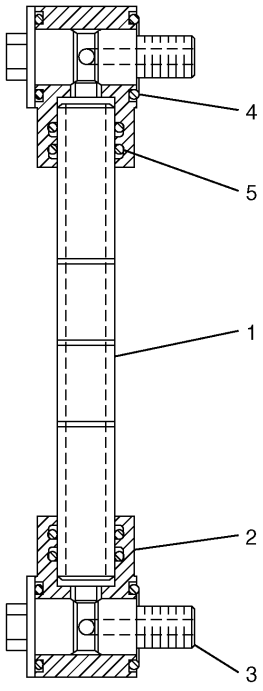


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	209-6000	1	SCREEN AS					
	2	095-6639	1	SPRING					
	3	259-0918	1	GUIDE					
	4	129-7784	1	ROD					
	5	5H-5672	1	SEAL-O-RING (ID=113.67mm)					
	6	8T-4133	2	NUT					

H89283E 00

259-0922 SCREEN GP
Part of 239-1711-Page325

HYDRAULIC SYSTEM

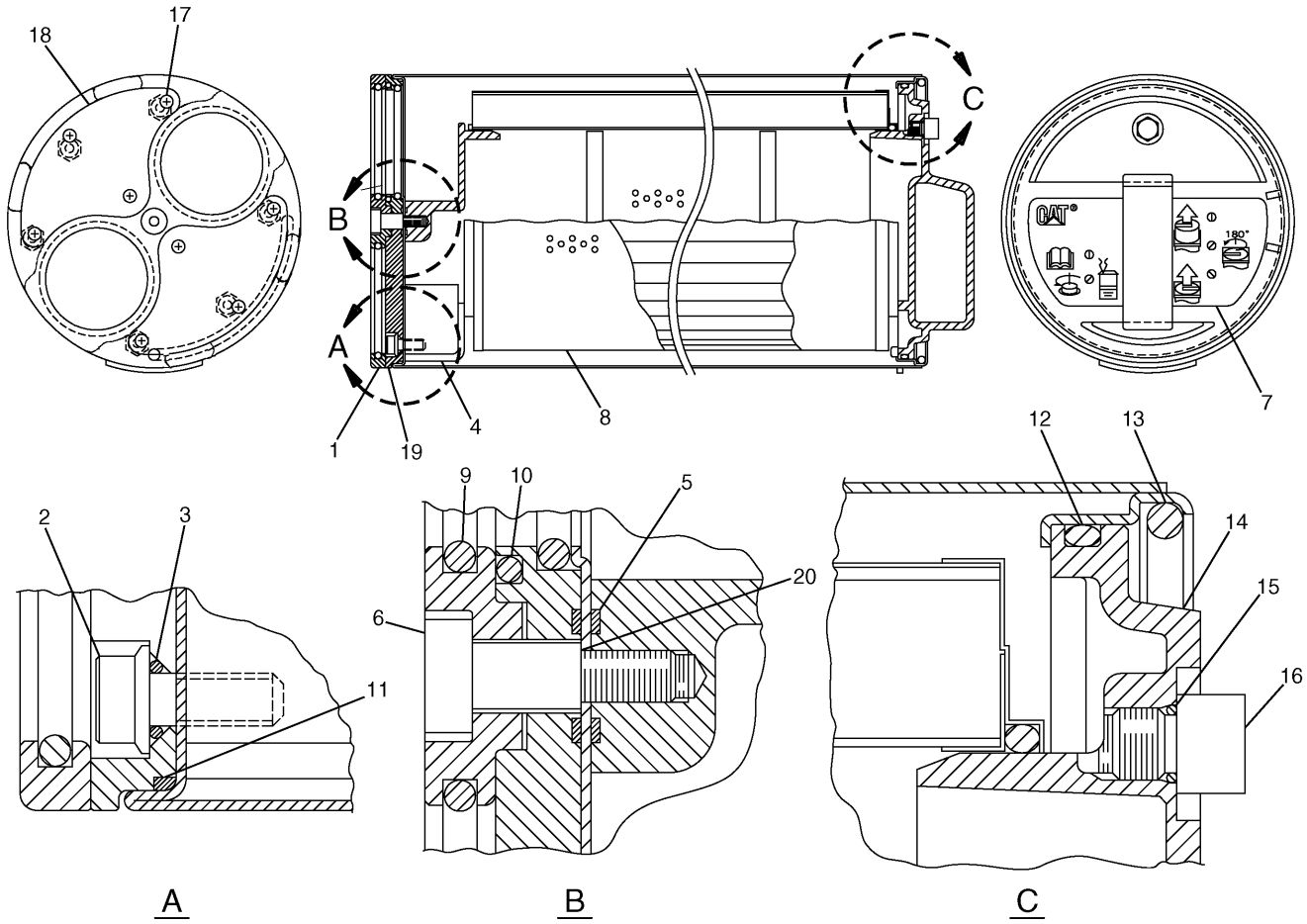


NOTE	No.	PART No.	QTY	PART NAME
	1	236-3257	1	PIPE
	2	236-3258	2	BLOCK
	3	236-3259	2	BOLT
	4	095-1519	4	SEAL-O-RING (ID=15.80mm)
	5	6F-4855	4	SEAL-O-RING (ID=13.94mm)

H85416E 01

227-0620 GAUGE AS
Part of 239-1711-Page325

HYDRAULIC SYSTEM

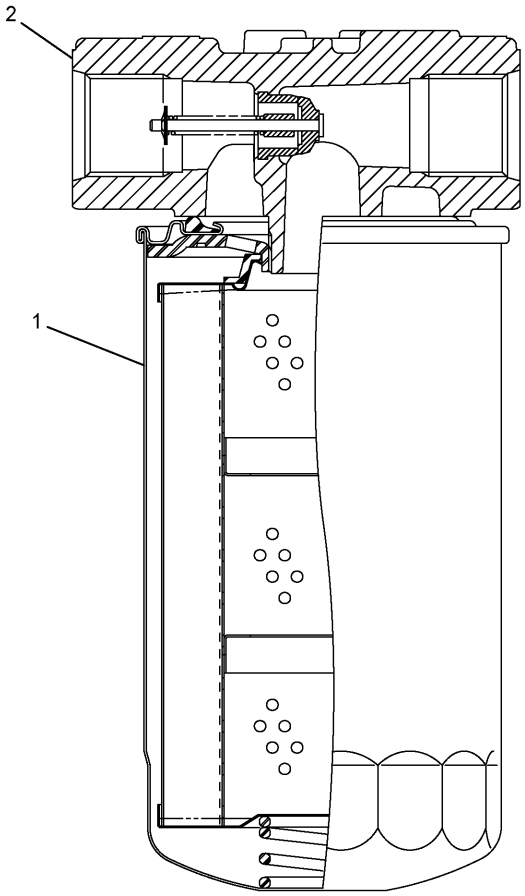


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	204-2762	1	PLATE					THE FOLLOWING REPAIR
J	2	173-3529	6	BOLT (L=15mm)					KIT IS AVAILABLE:
J	3	3T-7528	6	SEAL-O-RING (ID=5.80mm)			201-9299	1	SERVICE KIT
	4	173-3513	1	BASE					(INCLUDES PARTS MARKED J)
J	5	3E-4297	2	SEAL-O-RING (ID=10.00mm)					
	6	137-3626	1	BOLT					
	7	188-4143	1	FILM (INSTRUCTION)					
	8	179-9806	1	ELEMENT					
J	9	137-3623	4	SEAL-O-RING (ID=55.60mm)					
J	10	6V-7658	2	SEAL-O-RING (ID=59.40mm)					
J	11	177-2553	1	SEAL-O-RING (ID=149.50mm)					
J	12	095-1681	1	SEAL-O-RING (ID=144.40mm)					
	13	173-3515	1	RING					
	14	173-3516	1	HANDLE					
J	15	4J-7533	1	SEAL-O-RING (ID=6.07mm)					
J	16	9S-4180	1	PLUG					
J	17	137-3624	8	SCREW					
J	18	137-3625	2	PAD					
	19	173-3517	1	PLATE					
J	20	137-3628	1	SHIM (T=0.10mm)					

H77561E 02

188-4142 FILTER GP-HYDRAULIC

Part of 188-4140-Page333



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	093-7521	1	FILTER					
	2	289-8195	1	HEAD AS					

H94248E 00

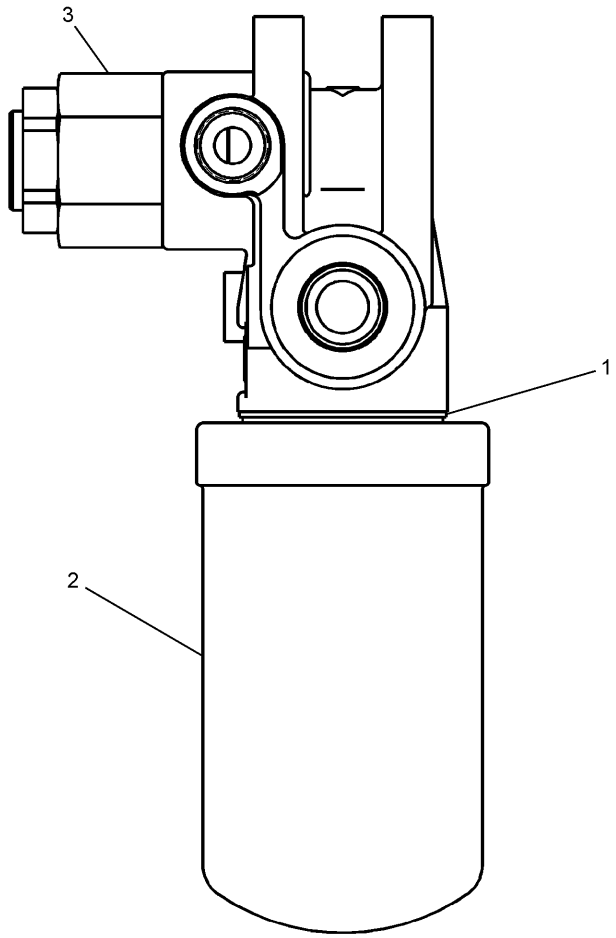
289-8194 FILTER GP-HYDRAULIC
Part of 239-1711-Page325

Consists of :

			Page
1	188-2084	FILTER GP-HYDRAULIC.....	331
		-OR-	
1	289-7836	FILTER GP-HYDRAULIC.....	332

H93564E 07

158-8987 FILTER GP-HYDRAULIC
Part of 239-1711-Page325



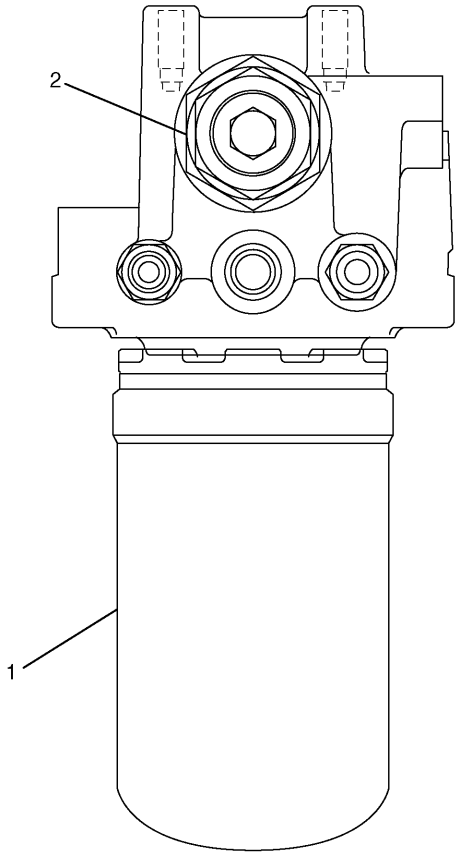
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	103-8236	1	RING					
	2	126-1813	1	FILTER AS					
Y	3	215-4909	1	VALVE GP					

Y—SEE SEPARATE ILLUSTRATION

H93558E 04

188-2084 FILTER GP-HYDRAULIC

Part of 158-8987-Page330
215-4909-Page590



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5I-8670	1	FILTER AS					
Y	2	215-4909	1	VALVE GP					

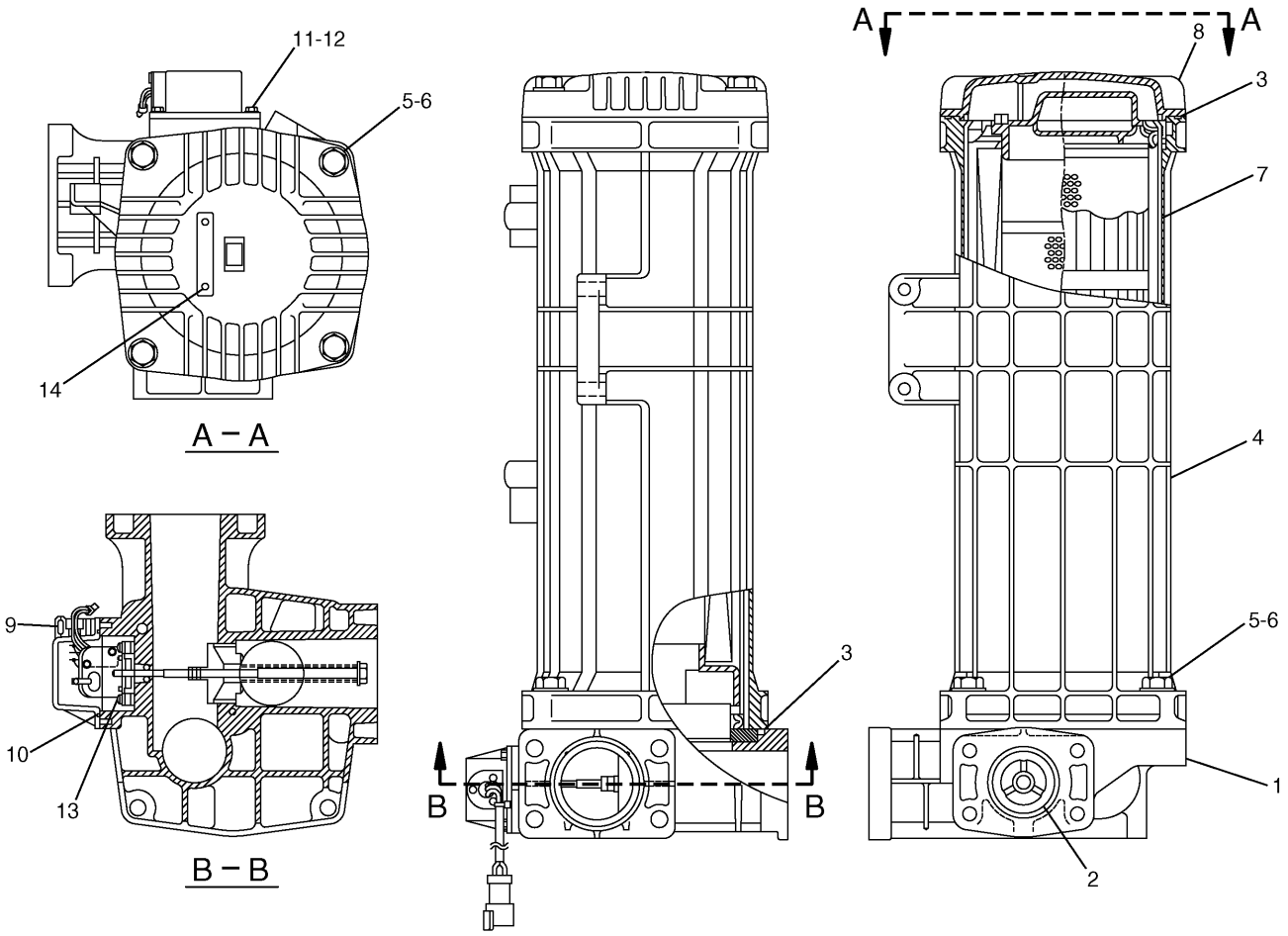
Y—SEE SEPARATE ILLUSTRATION

H95450E 00

289-7836 FILTER GP-HYDRAULIC

Part of 158-8987-Page330
215-4909-Page590

HYDRAULIC SYSTEM



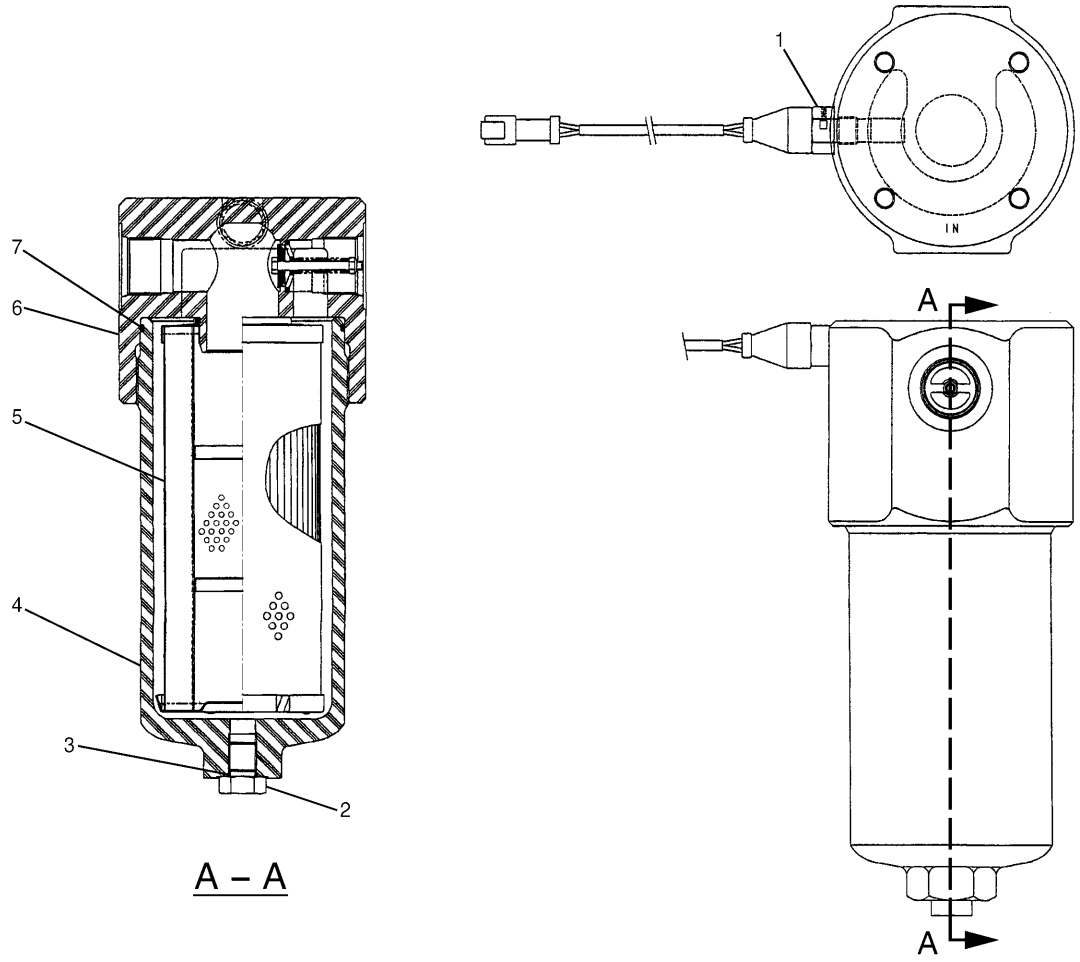
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	173-3503	1	BLOCK GP					
	2	129-8034	1	VALVE AS					
	3	123-2003	2	SEAL-O-RING (ID=185.00mm)					
	4	173-3507	1	HOUSING AS					
	5	8T-4194	8	BOLT (L=50mm)					
	6	8T-4223	8	WASHER					
Y	7	188-4142	1	FILTER GP					
	8	173-3510	1	COVER					
	9	173-3518	1	INDICATOR AS					
	10	159-7784	1	SEAL-O-RING					
	11	6V-4298	4	BOLT (L=16mm)					
	12	8T-0328	4	WASHER					
	13	8T-6693	4	SCREW					
	14	116-3522	2	SCREW					

Y—SEE SEPARATE ILLUSTRATION

H77741E 01

188-4140 FILTER GP-HYDRAULIC

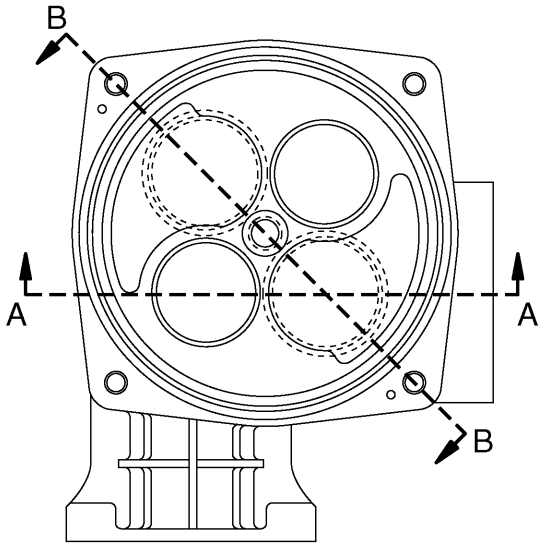
Part of 239-1711-Page325
188-4142-Page328,173-3503-Page335

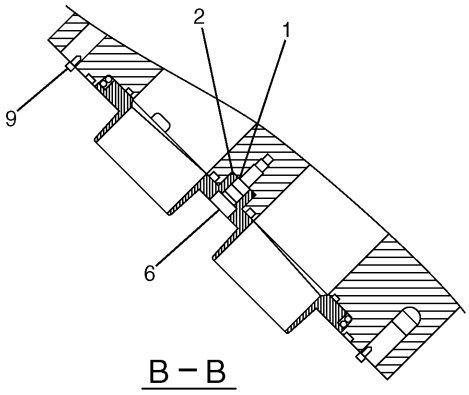


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	224-1685	1	INDICATOR AS					
	2	096-6073	1	PLUG					
	3	095-1582	1	SEAL-O-RING (ID=13.80mm)					
	4	216-6678	1	CASE					
	5	216-6676	1	ELEMENT AS					
	6	216-6677	1	HEAD AS					
	7	095-1717	1	SEAL-O-RING (ID=114.40mm)					

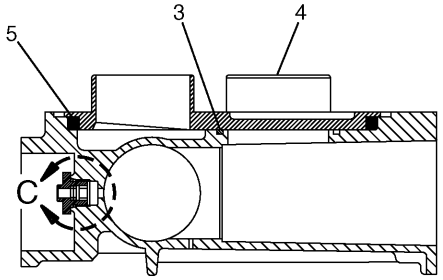
H85839E 01

224-1687 FILTER AS
Part of 239-1726-Page495
An Attachment

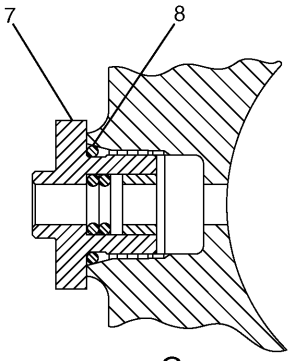




B – B



A – A



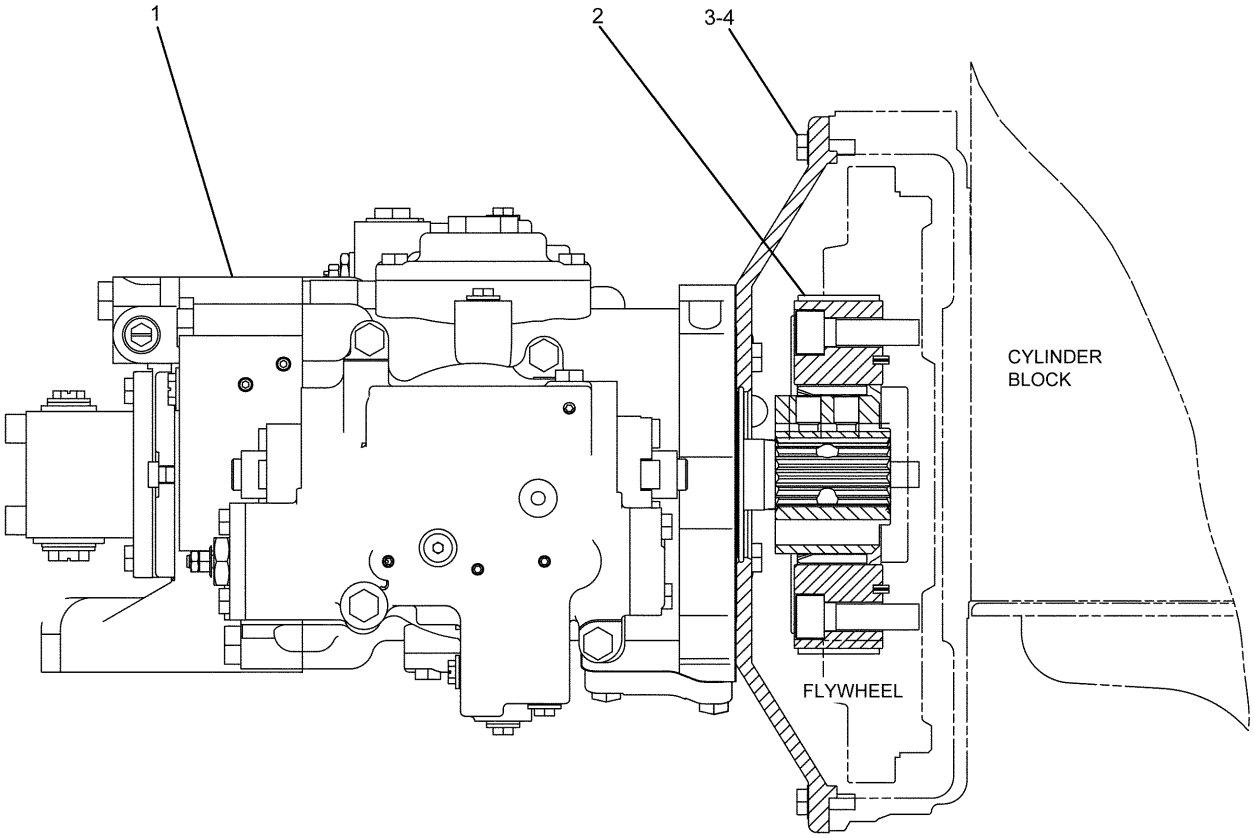
C

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	137-3628	1	SHIM (T=0.10mm)					
	2	5L-4758	1	SEAL-O-RING (ID=14.00mm)					
	3	177-2619	2	PACKING					
	4	173-3505	1	PLATE					
	5	137-3631	1	PACKING					
	6	137-3626	1	BOLT					
	7	173-3506	1	PLUG AS					
	8	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	9	7Y-5272	2	PIN					

H77736E 01

173-3503 BLOCK GP-HYDRAULIC
Part of 188-4140-Page333

HYDRAULIC SYSTEM



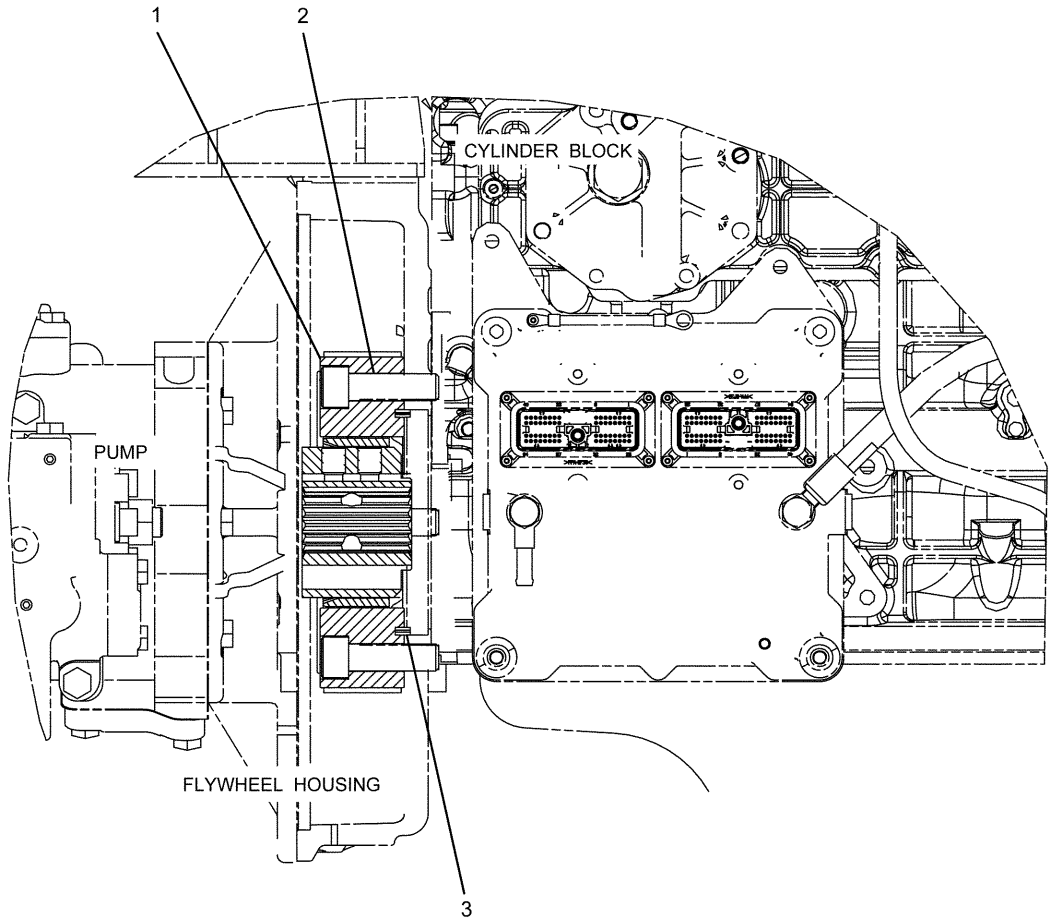
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	272-6955	1	PUMP GP					
Y	2	279-7870	1	COUPLING GP					
	3	8T-4121	12	WASHER					
	4	8T-4195	12	BOLT (L=30mm)					

Y—SEE SEPARATE ILLUSTRATION

H93708E 00

279-7869 PUMP & MOUNTING GP

279-7870-Page337,272-6955-Page338



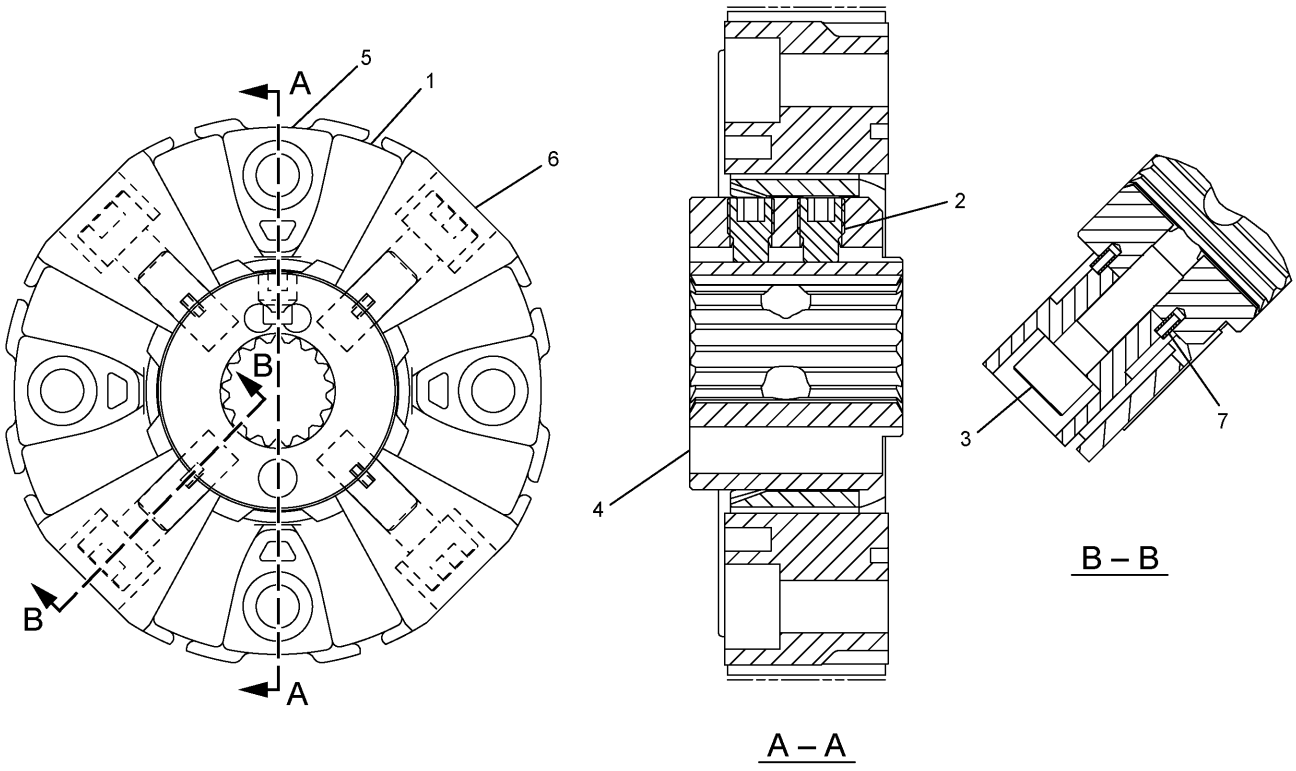
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	279-7871	1	COUPLING GP					
	2	287-0047	4	BOLT (L=60mm)					
	3	7Y-0468	4	PIN					

Y—SEE SEPARATE ILLUSTRATION

H98363E 01

279-7870 COUPLING GP-PUMP

Part of 279-7869-Page336
279-7871-Page337.01

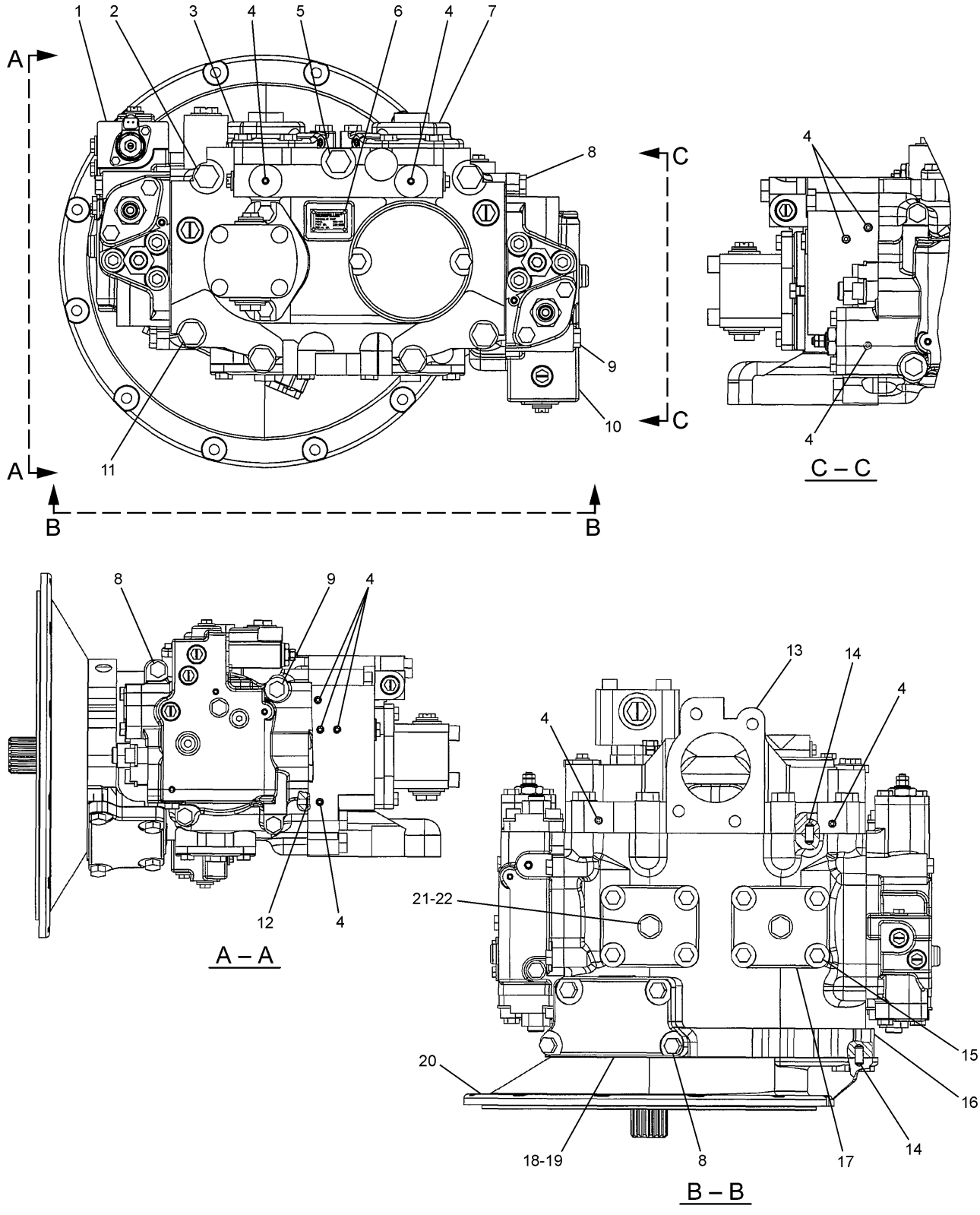


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-0463	1	ELEMENT					
	2	7Y-0466	2	SETSCREW					
	3	7Y-0467	4	BOLT (L=55mm)					
	4	305-4950	1	HUB					
	5	305-4951	4	INSERT					
	6	305-4952	4	INSERT					
	7	7Y-0468	8	PIN					

H98365E 01

279-7871 COUPLING GP-FLEXIBLE
Part of 279-7870-Page337

MEMORANDA



H94509E 04

272-6955 PUMP GP-MAIN HYDRAULIC (1/2)
Part of 279-7869-Page336
256-0093-Page342,256-0096-Page344

HYDRAULIC SYSTEM

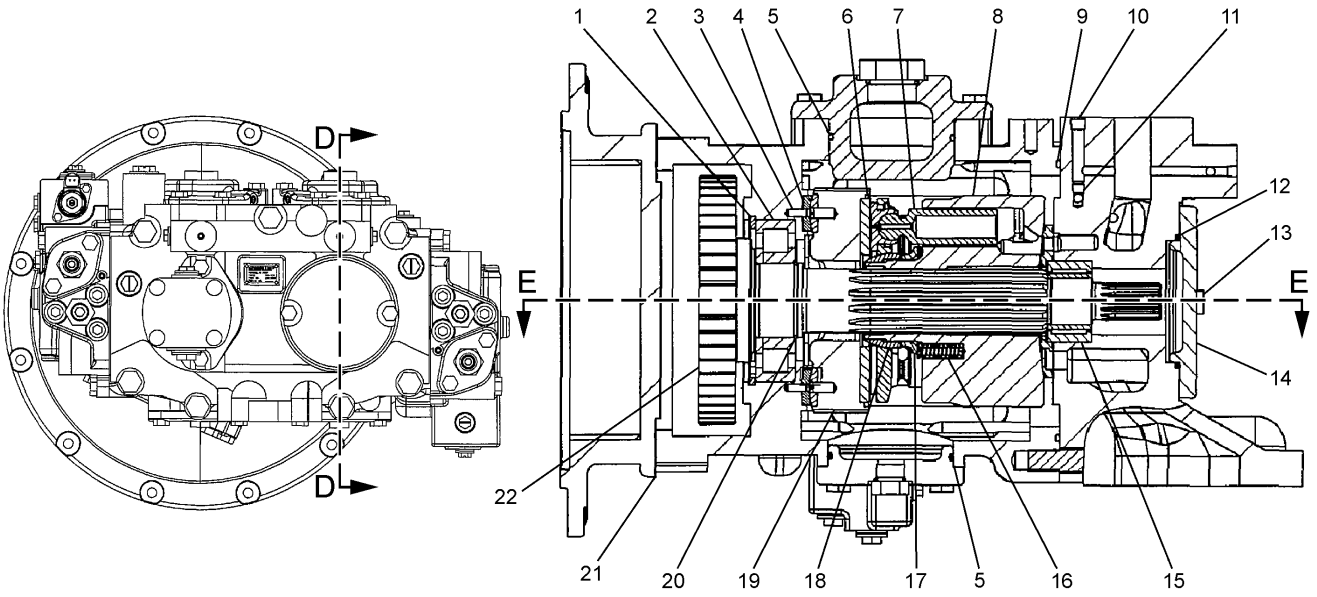
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	256-0093	1	HEAD GP					
	2	8T-4175	2	BOLT (L=90mm)					
	3	177-2470	1	COVER					
	4	094-1882	11	PLUG					
	5	7X-2557	1	BOLT (L=140mm)					
	6	095-7419	4	SCREW					
	7	177-2471	1	COVER					
	8	8T-4139	10	BOLT (L=30mm)					
	9	8T-4176	2	BOLT (L=90mm)					
Y	10	256-0096	1	HEAD GP					
	11	8T-4140	4	BOLT (L=60mm)					
	12	189-9763	6	SEAL-O-RING (ID=9.80mm)					
	13	200-3333	1	BLOCK					
	14	129-7979	4	DOWEL					
	15	8T-4136	8	BOLT (L=25mm)					
	16	247-8782	1	BODY					
	17	150-5782	2	COVER					
	18	129-7863	1	COVER					
	19	129-7857	1	GASKET					
	20	179-9763	1	FLANGE					
	21	3K-0360	2	SEAL-O-RING (ID=16.36mm)					
	22	9S-4185	2	PLUG					

Y—SEE SEPARATE ILLUSTRATION

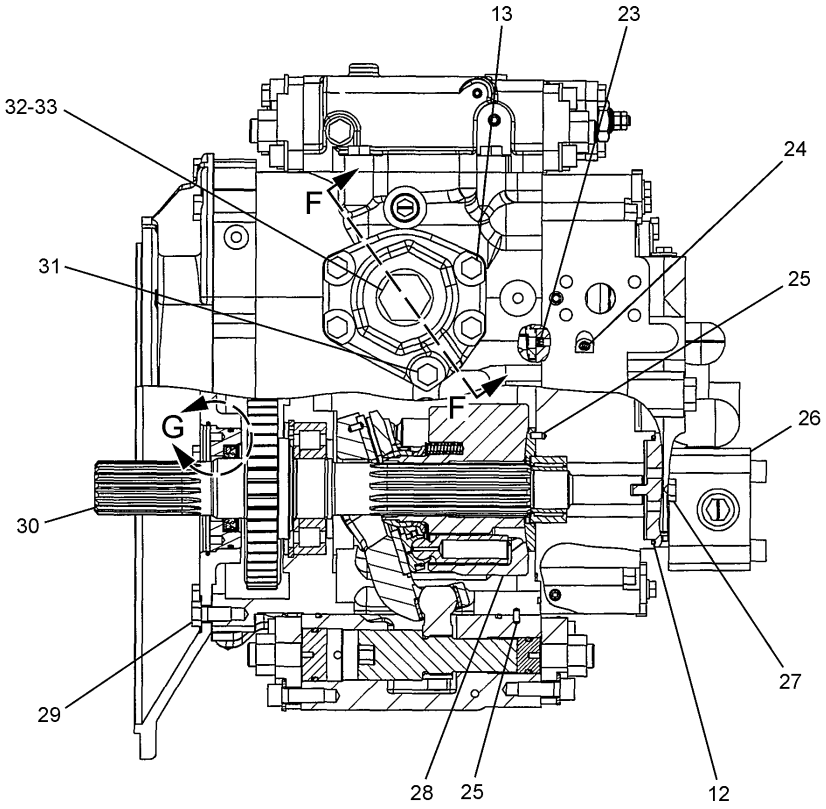
H94509E 04

272-6955 PUMP GP-MAIN HYDRAULIC (1/2)

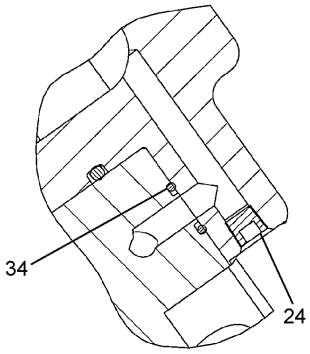
Part of 279-7869-Page336
256-0093-Page342,256-0096-Page344



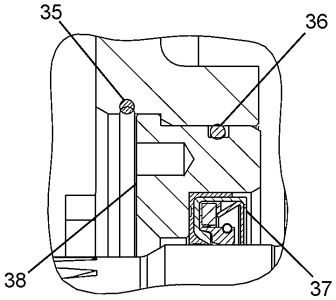
D – D



E – E



F – F



G

H94510E 04

272-6955 PUMP GP-MAIN HYDRAULIC (2/2)
Part of 279-7869-Page336
126-2016-Page346

HYDRAULIC SYSTEM

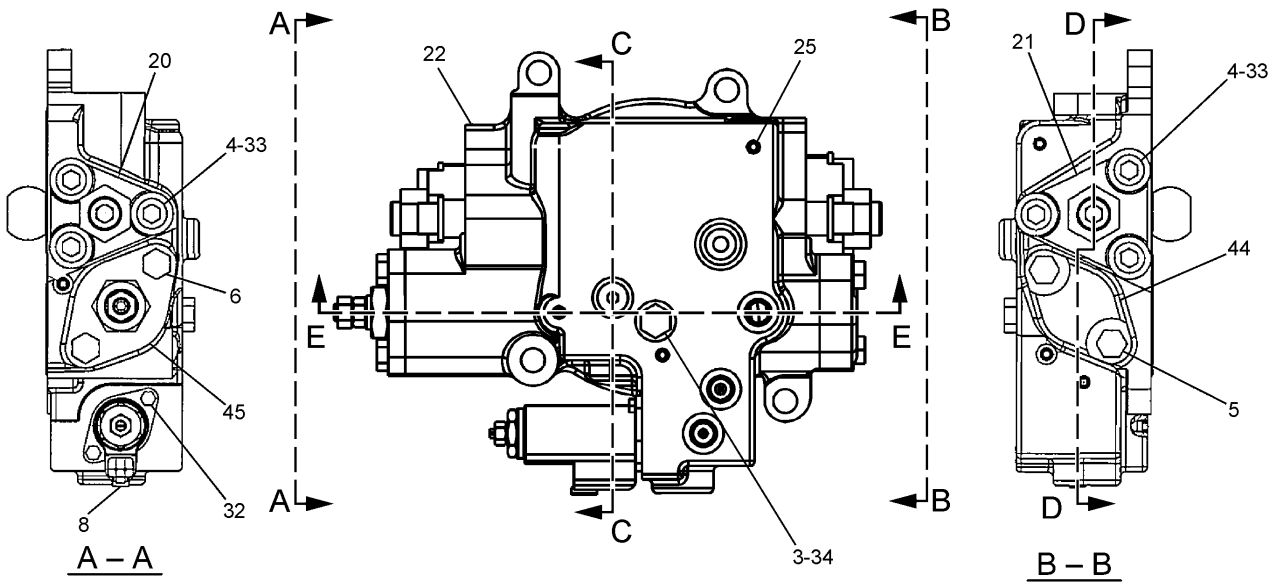
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	095-0946	2	RING					
	2	129-7927	2	BEARING					
	3	192-0573	4	PIN					
	4	242-6804	4	BEARING					
	5	193-1736	4	SEAL-O-RING (ID=79.40mm)					
	6	173-3473	2	PLATE					
	7	191-5709	2	PISTON AS					
	8	173-3498	1	BARREL AS					
	9	273-8314	1	SEAL-O-RING (ID=285.60mm)					
	10	190-4896	2	PLUG					
	11	247-8920	2	ORIFICE					
	12	273-8315	2	SEAL-O-RING (ID=84.40mm)					
	13	8T-4136	10	BOLT (L=25mm)					
	14	200-3334	1	COVER					
	15	129-7859	2	BEARING SET					
	16	118-4057	18	SPRING					
	17	7Y-4215	2	SPACER					
	18	173-3427	2	GUIDE					
	19	242-6801	2	SWASHPLATE AS					
		094-1875	1	DOWEL					
		173-3428	1	BEARING					
		242-6803	2	PIN					
	20	129-7921	2	RING					
	21	129-7855	1	GASKET					
	22	225-4544	1	SHAFT					
	23	4I-1022	2	ORIFICE					
	24	094-1882	5	PLUG					
	25	094-1875	6	DOWEL					
Y	26	126-2016	1	PUMP GP					
	27	8T-4137	2	BOLT (L=20mm)					
	28	173-3496	1	BARREL AS					
	29	8T-4192	10	BOLT (L=25mm)					
	30	225-4543	1	SHAFT					
	31	8T-4196	2	BOLT (L=35mm)					
	32	7M-8485	2	SEAL-O-RING (ID=29.74mm)					
	33	8J-4645	2	PLUG					
	34	189-9763	2	SEAL-O-RING (ID=9.80mm)					
	35	096-3983	1	RING					
	36	096-3944	1	SEAL-O-RING (ID=94.40mm)					
	37	129-7925	1	SEAL					
	38	129-7854	1	CASE					

Y—SEE SEPARATE ILLUSTRATION

H94510E 04

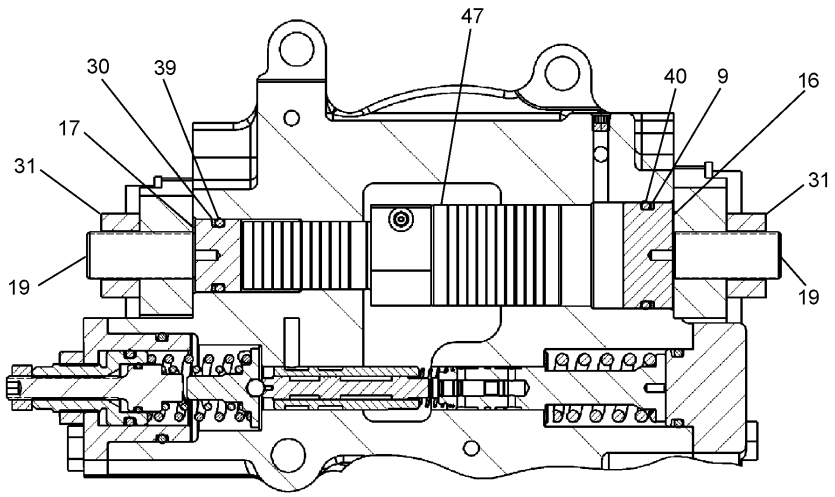
272-6955 PUMP GP-MAIN HYDRAULIC (2/2)

Part of 279-7869-Page336
126-2016-Page346

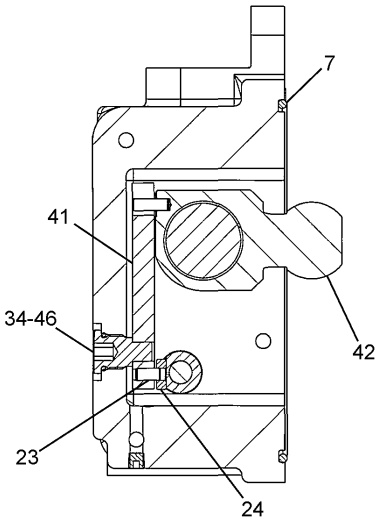


A – A

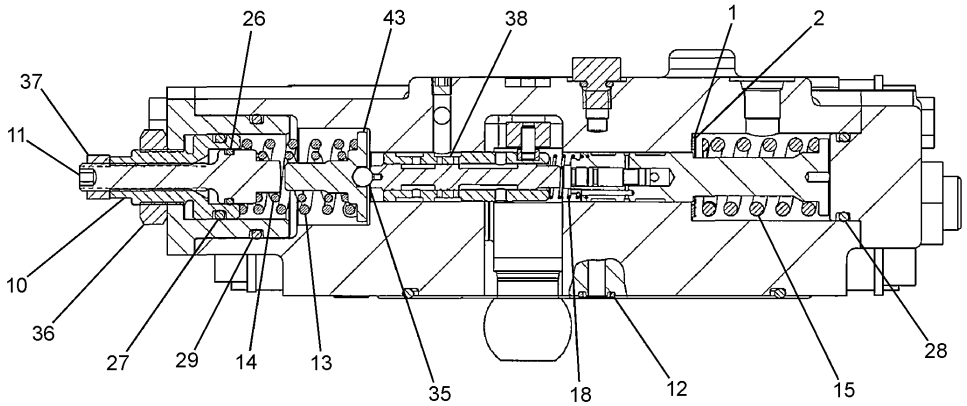
B – B



D – D



C – C



E – E

H95279E 07

256-0093 HEAD GP-PUMP CONTROL
Part of 272-6955-Page339
111-9916-Page576

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
B	1	099-3669	2	SHIM (T=1.00mm)		36	200-3255	1	NUT
B		099-6109	2	SHIM (T=1.05mm)		37	8T-4133	1	NUT
B		099-6110	2	SHIM (T=1.10mm)		38	191-5707	1	SPOOL AS
B		099-6111	2	SHIM (T=1.15mm)		39	190-7674	1	SEAL-O-RING (ID=23.70mm)
B		099-6112	2	SHIM (T=1.20mm)		40	190-7673	1	SEAL-O-RING (ID=37.70mm)
B		099-6113	2	SHIM (T=1.25mm)		41	173-3397	1	LEVER
B		099-6115	2	SHIM (T=1.30mm)		42	185-0201	1	PIN AS
B		099-6117	2	SHIM (T=1.35mm)			129-7978	1	DOWEL
B		099-6118	2	SHIM (T=1.40mm)		43	185-0169	1	GUIDE
B		099-3670	2	SHIM (T=1.95mm)		44	173-3413	1	COVER
B	2	099-6119	2	SHIM (T=1.45mm)		45	173-3398	1	COVER
B		099-6120	2	SHIM (T=1.50mm)		46	150-5797	1	PIN
B		099-6121	2	SHIM (T=1.55mm)		47	173-3384	1	PISTON
B		099-6122	2	SHIM (T=1.60mm)					
B		099-6123	2	SHIM (T=1.65mm)					
B		099-6124	2	SHIM (T=1.70mm)					
B		099-6125	2	SHIM (T=1.75mm)					
B		099-6126	2	SHIM (T=1.80mm)					
B		099-6127	2	SHIM (T=1.85mm)					
B		099-6128	2	SHIM (T=1.90mm)					
	3	9S-4191	1	PLUG					
	4	8T-4223	6	WASHER					
	5	8T-4196	2	BOLT (L=35mm)					
	6	8T-4136	2	BOLT (L=25mm)					
	7	285-4470	1	SEAL-O-RING (ID=151.99mm)					
Y	8	111-9916	1	VALVE GP					
	9	153-8623	1	RING					
	10	301-8294	1	ADJUSTER					
	11	301-6874	1	RETAINER					
	12	189-9763	3	SEAL-O-RING (ID=9.80mm)					
	13	200-3244	1	SPRING					
	14	200-3245	1	SPRING					
	15	200-3246	1	SPRING					
	16	215-9961	1	STOPPER					
	17	215-9962	1	STOPPER					
	18	099-3671	1	SPRING					
	19	225-4607	2	SETSCREW					
	20	234-4452	1	COVER					
	21	234-4453	1	COVER					
	22	300-9715	1	BODY AS					
	23	094-1875	1	DOWEL					
	24	094-1881	1	PLATE					
	25	094-1882	13	PLUG					
	26	273-8316	1	SEAL-O-RING (ID=15.80mm)					
	27	273-8317	1	SEAL-O-RING (ID=24.70mm)					
	28	273-8319	1	SEAL-O-RING (ID=25.70mm)					
	29	273-8318	1	SEAL-O-RING (ID=38.70mm)					
	30	095-1788	1	RING					
	31	096-4878	2	NUT					
	32	7I-2272	2	BOLT (L=12mm)					
	33	6V-8200	6	BOLT (L=35mm)					
	34	3J-1907	2	SEAL-O-RING (ID=11.89mm)					
	35	3D-2891	1	BALL					

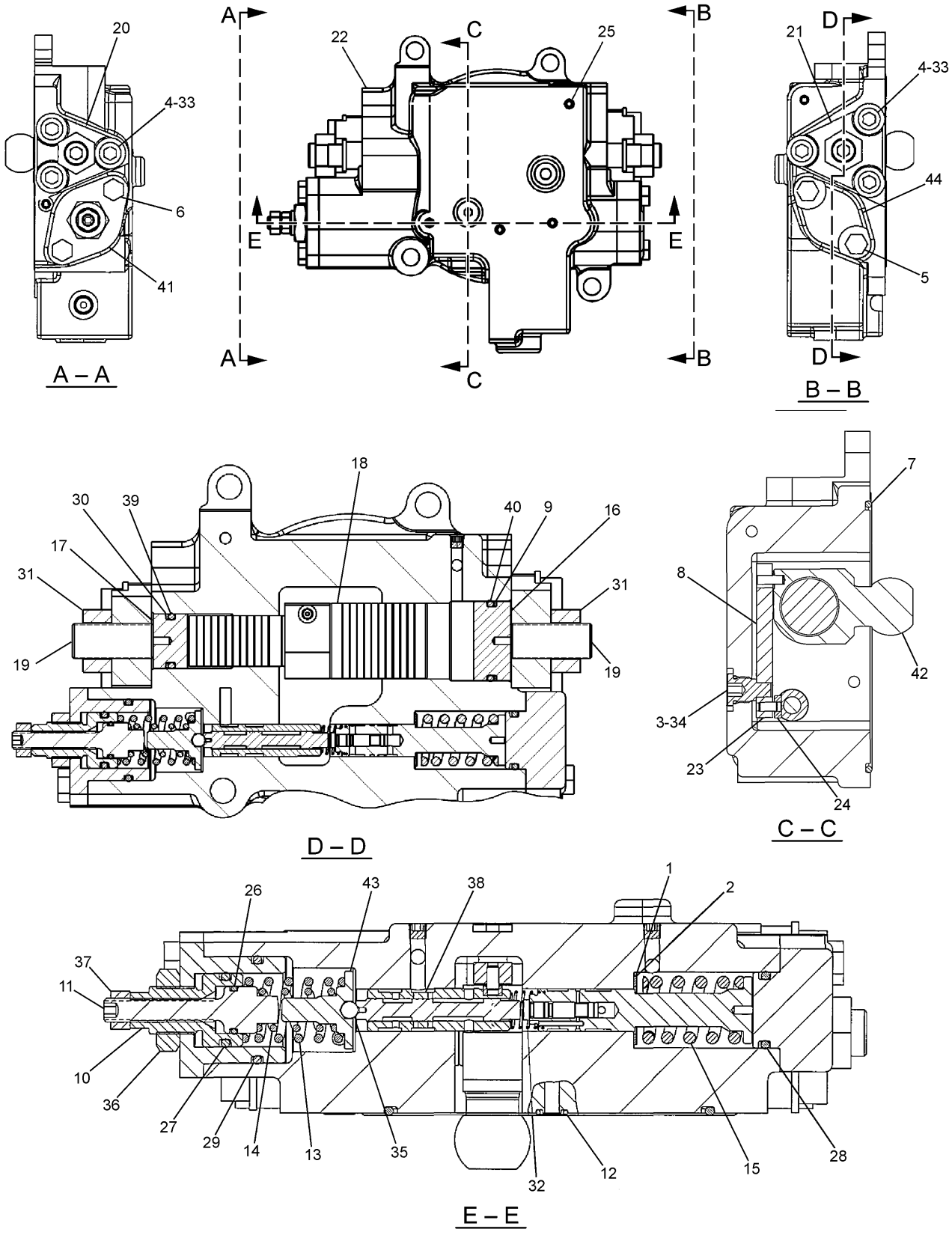
B—USE AS REQUIRED

Y—SEE SEPARATE ILLUSTRATION

H95279E 07

256-0093 HEAD GP-PUMP CONTROL

Part of 272-6955-Page339
111-9916-Page576



H95278E 07

256-0096 HEAD GP-PUMP CONTROL
Part of 272-6955-Page339

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
B	1	099-3669	2	SHIM (T=1.00mm)		36	200-3255	1	NUT
B		099-6109	2	SHIM (T=1.05mm)		37	8T-4133	1	NUT
B		099-6110	2	SHIM (T=1.10mm)		38	191-5707	1	SPOOL AS
B		099-6111	2	SHIM (T=1.15mm)		39	190-7674	1	SEAL-O-RING (ID=23.70mm)
B		099-6112	2	SHIM (T=1.20mm)		40	190-7673	1	SEAL-O-RING (ID=37.70mm)
B		099-6113	2	SHIM (T=1.25mm)		41	173-3398	1	COVER
B		099-6115	2	SHIM (T=1.30mm)		42	185-0201	1	PIN AS
B		099-6117	2	SHIM (T=1.35mm)			129-7978	1	DOWEL
B		099-6118	2	SHIM (T=1.40mm)		43	185-0169	1	GUIDE
B		099-3670	2	SHIM (T=1.95mm)		44	173-3413	1	COVER
B	2	099-6119	2	SHIM (T=1.45mm)					
B		099-6120	2	SHIM (T=1.50mm)					
B		099-6121	2	SHIM (T=1.55mm)					
B		099-6122	2	SHIM (T=1.60mm)					
B		099-6123	2	SHIM (T=1.65mm)					
B		099-6124	2	SHIM (T=1.70mm)					
B		099-6125	2	SHIM (T=1.75mm)					
B		099-6126	2	SHIM (T=1.80mm)					
B		099-6127	2	SHIM (T=1.85mm)					
B		099-6128	2	SHIM (T=1.90mm)					
	3	150-5797	1	PIN					
	4	8T-4223	6	WASHER					
	5	8T-4196	2	BOLT (L=35mm)					
	6	8T-4136	2	BOLT (L=25mm)					
	7	285-4470	1	SEAL-O-RING (ID=151.99mm)					
	8	173-3397	1	LEVER					
	9	153-8623	1	RING					
	10	301-8294	1	ADJUSTER					
	11	301-6874	1	RETAINER					
	12	189-9763	3	SEAL-O-RING (ID=9.80mm)					
	13	200-3244	1	SPRING					
	14	200-3245	1	SPRING					
	15	200-3246	1	SPRING					
	16	215-9961	1	STOPPER					
	17	215-9962	1	STOPPER					
	18	173-3384	1	PISTON					
	19	225-4607	2	SETSCREW					
	20	234-4452	1	COVER					
	21	234-4453	1	COVER					
	22	300-9716	1	BODY AS					
	23	094-1875	1	DOWEL					
	24	094-1881	1	PLATE					
	25	094-1882	9	PLUG					
	26	273-8316	1	SEAL-O-RING (ID=15.80mm)					
	27	273-8317	1	SEAL-O-RING (ID=24.70mm)					
	28	273-8319	1	SEAL-O-RING (ID=25.70mm)					
	29	273-8318	1	SEAL-O-RING (ID=38.70mm)					
	30	095-1788	1	RING					
	31	096-4878	2	NUT					
	32	099-3671	1	SPRING					
	33	6V-8200	6	BOLT (L=35mm)					
	34	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	35	3D-2891	1	BALL					

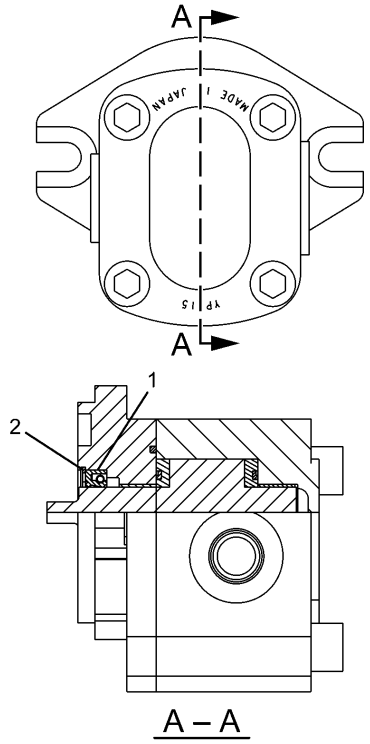
B—USE AS REQUIRED

H95278E 07

256-0096 HEAD GP-PUMP CONTROL

Part of 272-6955-Page339

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME
	1	250-2503	1	SEAL KIT
	2	9T-0835	1	RING

H90268E 03

126-2016 PUMP GP-GEAR

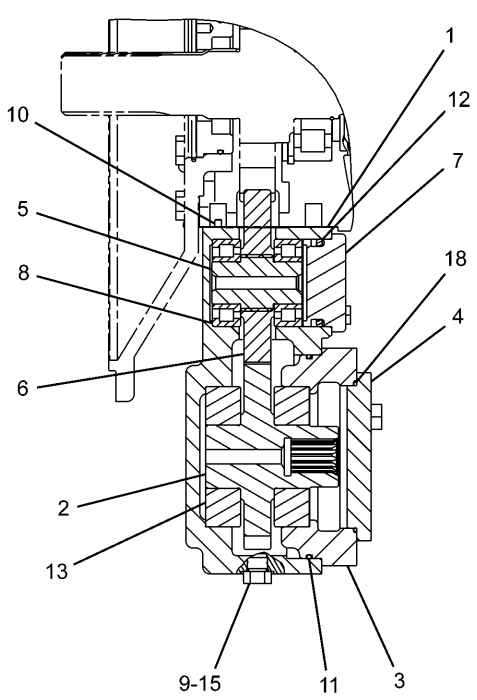
Part of 272-6955-Page341

Consists of :

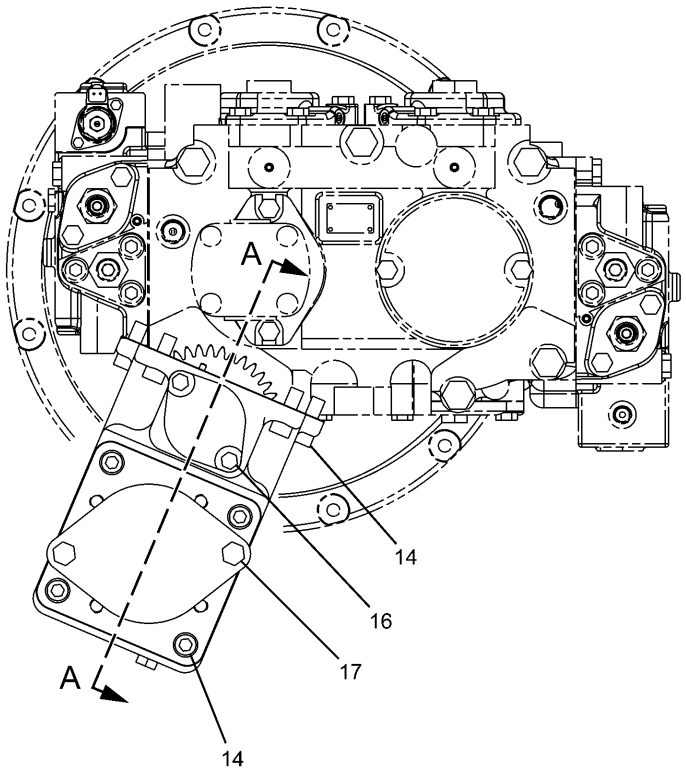
			Page
1	191-5537	DRIVE GP-PUMP	348
1	298-2995	SHEET AS	254

H95306E 01

290-1912 DRIVE GP-PUMP
An Attachment



A – A



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	129-7857	1	GASKET					
	2	173-3406	1	SHAFT					
	3	173-3436	1	COVER					
	4	177-2585	1	COVER					
	5	191-5539	1	SHAFT					
	6	191-5540	1	GEAR (Z=18)					
	7	191-5541	1	COVER					
	8	191-5601	2	BEARING					
	9	9S-4191	1	PLUG					
	10	094-1875	2	DOWEL					
	11	095-1680	1	SEAL-O-RING (ID=139.40mm)					
	12	096-0121	1	SEAL-O-RING (ID=51.60mm)					
	13	099-2096	2	BEARING					
	14	101-7402	8	BOLT (L=30mm)					
	15	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	16	8T-4189	2	BOLT (L=20mm)					
	17	8T-4192	2	BOLT (L=25mm)					
	18	8T-5049	1	SEAL-O-RING (ID=101.27mm)					

H88910E 03

191-5537 DRIVE GP-PUMP
Part of 290-1912-Page347
An Attachment

Consists of :

Page

1	3K-0360	SEAL-O-RING (ID=16.36mm)
1	087-4456	ACCUMULATOR GP

H69979E 00

164-6981 ACCUMULATOR GP
Part of 248-9851-Page455

Consists of :

			Page
1	242-6731	CYLINDER & SEAL GP-BOOM	356
1	242-6732	LINES GP-BOOM CYLINDER	380

H89962E 01

242-6730 CYLINDER & LINES GP-BOOM

Left Hand
Part of 240-3828,240-3830-Page731,240-3833-Page732,302-9207-Page740
An Attachment

Consists of :

			Page
1	242-6731	CYLINDER & SEAL GP-BOOM	356
1	242-6737	LINES GP-BOOM CYLINDER	381

H89963E 01

242-6736 CYLINDER & LINES GP-BOOM

Right Hand
Part of 240-3828,240-3830-Page731,240-3833-Page732,302-9207-Page740
An Attachment

Consists of :

			Page
1	242-6734	CYLINDER & SEAL GP-STICK	358
1	242-6735	LINES GP-STICK CYLINDER	382

H89966E 01

242-6733 CYLINDER & LINES GP-STICK
Part of 240-3828-Page731
An Attachment

Consists of :

			Page
1	242-6735	LINES GP-STICK CYLINDER	382
1	242-6744	CYLINDER & SEAL GP-STICK	360

H89965E 00

242-6743 CYLINDER & LINES GP-STICK
R-Boom (Heavy Duty)
Part of 240-3830-Page731
An Attachment

Consists of :

			Page
1	242-6735	LINES GP-STICK CYLINDER	382
1	242-6751	CYLINDER & SEAL GP-STICK	362

H89964E 01

242-6750 CYLINDER & LINES GP-STICK
S/N BWZ 1-Up, DFB 1-Up
Part of 240-3833-Page732
An Attachment

Consists of :

			Page
1	225-4588	CYLINDER & SEAL GP-STICK	364
1	268-7257	LINES GP-STICK CYLINDER	384

H91295E 00

268-7256 CYLINDER & LINES GP-STICK
Long Reach Front
S/N DFB 1-Up
Part of 302-9207-Page740
An Attachment

Consists of :

			Page
1	242-6756	CYLINDER & SEAL GP-BUCKET	366
1	242-6757	LINES GP-BUCKET CYLINDER	385

H89952E 01

242-6755 CYLINDER & LINES GP-BUCKET
B Family
Part of 240-3860,247-7453-Page737,257-2926-Page739
An Attachment

Consists of :

			Page
1	225-4591	CYLINDER & SEAL GP-BUCKET	368
1	225-4592	LINES GP-BUCKET CYLINDER	386

H89370E 01

225-4590 CYLINDER & LINES GP-BUCKET
CB Family
Part of 229-1772-Page738
An Attachment

Consists of :

			Page
1	242-6770	CYLINDER & SEAL GP-BUCKET	370
1	242-6771	LINES GP-BUCKET CYLINDER	387

H90077E 00

242-6769 CYLINDER & LINES GP-BUCKET
Part of 240-3867-Page738
An Attachment

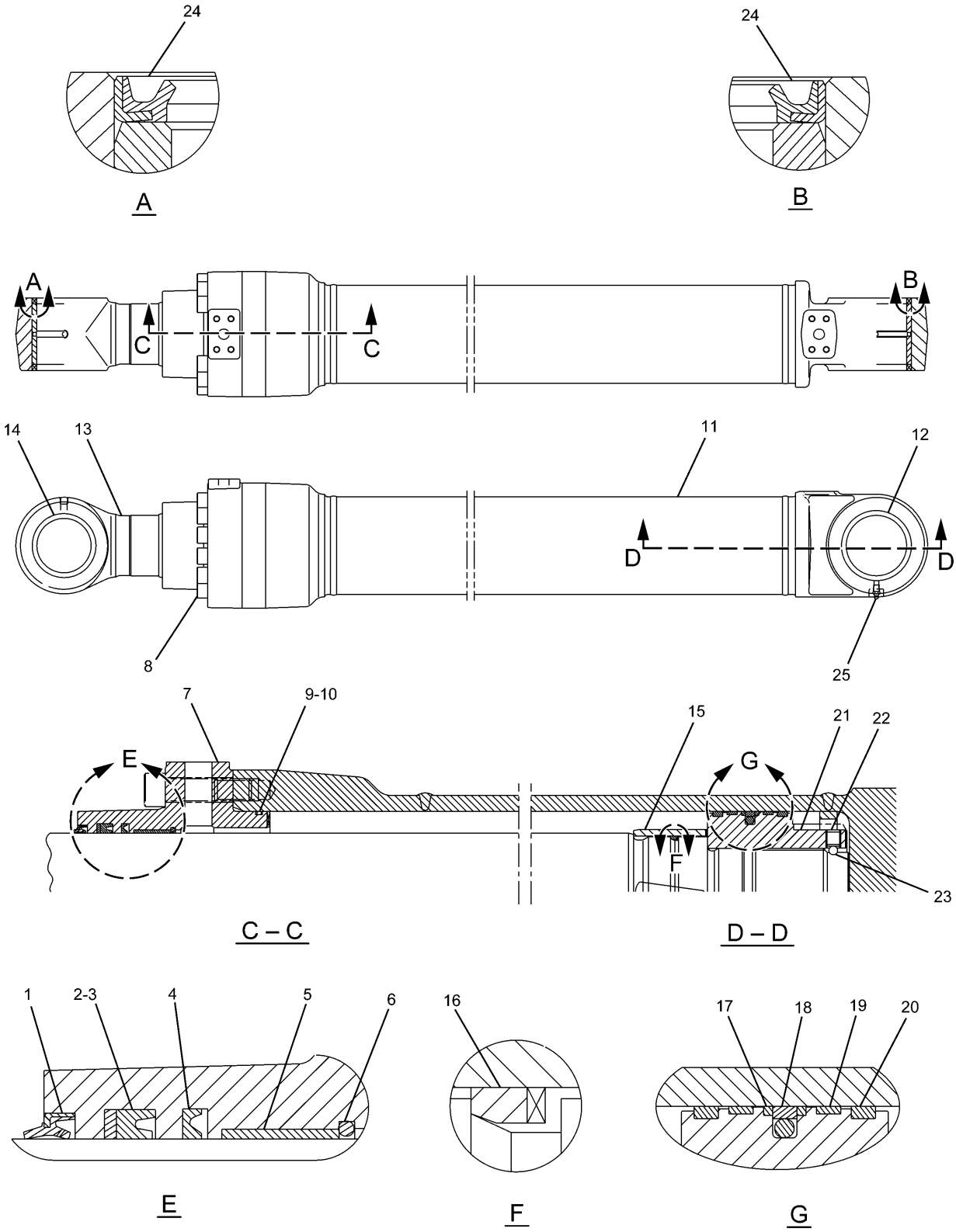
Consists of :

			Page
1	248-7854	CYLINDER & SEAL GP-BUCKET	372
1	127-6797	LINES GP-BUCKET CYLINDER	388

H88060E 00

253-6664 CYLINDER & LINES GP-BUCKET
Long Reach Front
S/N DFB 1-Up
Part of 302-9207-Page740
An Attachment

MEMORANDA



H96717E 02

242-6731 CYLINDER & SEAL GP-BOOM
Part of 242-6730,242-6736-Page350
An Attachment

HYDRAULIC SYSTEM

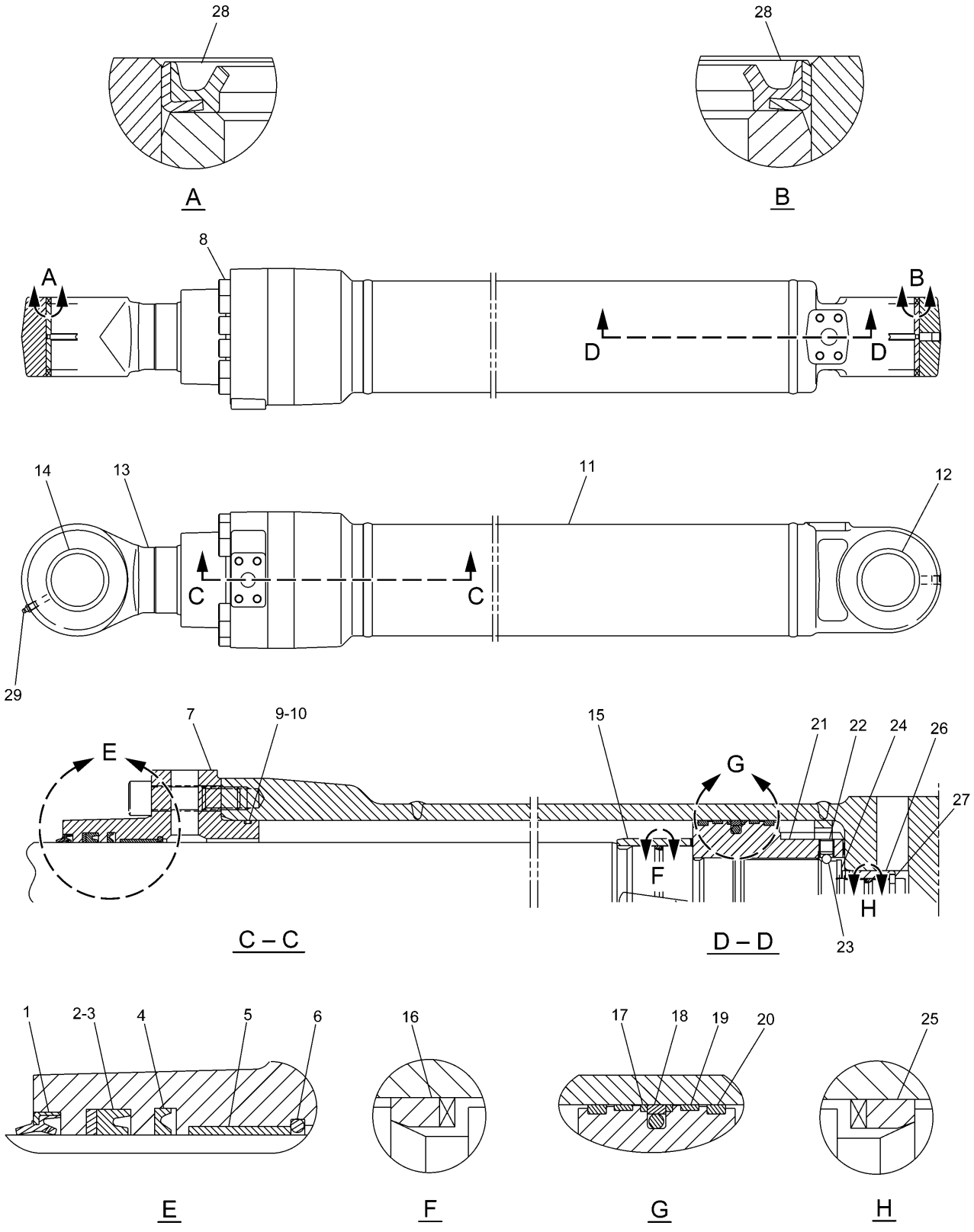
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
J	1	121-1611	1	SEAL					
J	2	096-1568	1	RING					
J	3	096-1567	1	SEAL					
J	4	204-3622	1	SEAL					
	5	096-4402	1	BEARING					
	6	094-0747	1	RING					
	7	185-0334	1	HEAD					
	8	8T-1447	12	BOLT (L=70mm)					
J	9	095-1717	1	SEAL-O-RING (ID=114.40mm)					
J	10	096-3964	1	RING					
	11	247-8866	1	CYLINDER AS					
	12	241-7379	1	BEARING					
	13	247-8867	1	ROD AS					
	14	241-7380	1	BEARING					
	15	4I-8864	1	STOP					
J	16	126-1935	1	RING					
J	17	4I-3615	2	RING					
J	18	096-7803	1	SEAL AS					
J	19	247-8865	2	RING					
J	20	086-0255	2	RING					
	21	247-8864	1	PISTON					
	22	096-3216	1	SETSCREW					
	23	3D-2891	1	BALL					
	24	166-1494	4	SEAL					
	25	3B-8489	1	FITTING					
				THE FOLLOWING REPAIR KIT IS AVAILABLE:					
		247-8868	1	SEAL KIT (INCLUDES PARTS MARKED J)					

H96717E 02

242-6731 CYLINDER & SEAL GP-BOOM

Part of 242-6730,242-6736-Page350

An Attachment



H89649E 01

242-6734 CYLINDER & SEAL GP-STICK
Part of 242-6733-Page351
An Attachment

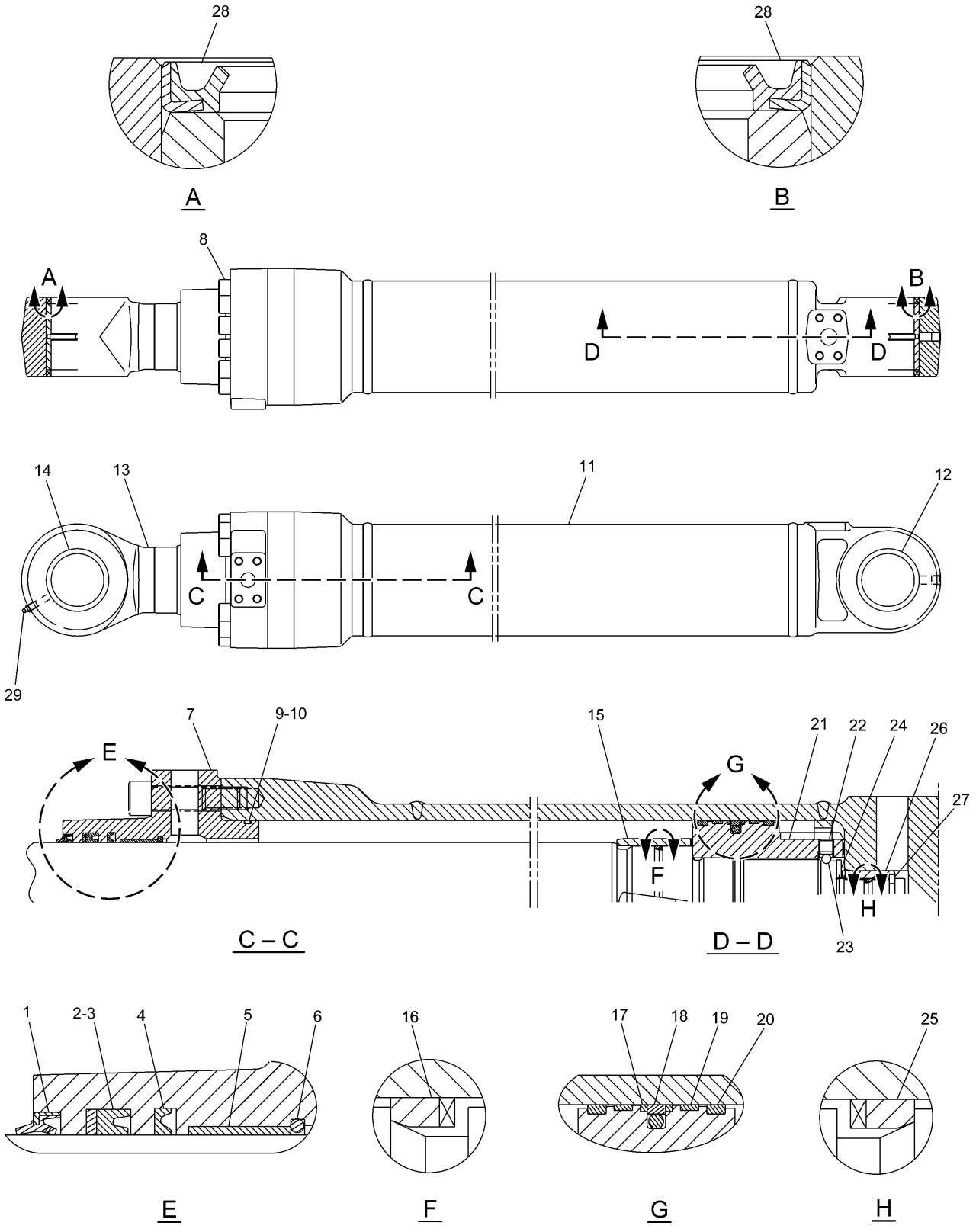
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
J	1	133-6904	1	SEAL					
J	2	121-1372	1	RING					
J	3	121-1371	1	SEAL					
J	4	204-3623	1	SEAL					
	5	096-5625	1	BEARING					
	6	094-1931	1	RING					
	7	188-4181	1	HEAD					
	8	4I-3628	12	BOLT (L=80mm)					
J	9	095-1721	1	SEAL-O-RING (ID=134.40mm)					
J	10	4I-3627	1	RING					
	11	247-8876	1	CYLINDER AS					
	12	241-7381	1	BEARING					
	13	247-8877	1	ROD AS					
	14	241-7381	1	BEARING					
	15	4I-8869	1	STOP					
J	16	126-1876	1	RING					
J	17	4I-3631	2	RING					
J	18	096-1570	1	SEAL AS					
J	19	247-8874	2	RING					
J	20	096-1571	2	RING					
	21	247-8873	1	PISTON					
	22	096-6210	1	SETSCREW					
	23	4B-9880	1	BALL					
	24	085-8605	1	RING					
J	25	194-8359	1	RING					
	26	121-1549	1	STOP					
	27	085-8604	2	RING					
	28	166-1494	4	SEAL					
	29	3B-8489	1	FITTING					
				THE FOLLOWING REPAIR					
				KIT IS AVAILABLE:					
		247-8878	1	SEAL KIT					
				(INCLUDES PARTS MARKED J)					

H89649E 01

242-6734 CYLINDER & SEAL GP-STICK

Part of 242-6733-Page351
An Attachment



H89639E 00

242-6744 CYLINDER & SEAL GP-STICK
R-Boom (Heavy Duty)
Part of 242-6743-Page351
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
J	1	133-6904	1	SEAL					
J	2	121-1372	1	RING					
J	3	121-1371	1	SEAL					
J	4	204-3623	1	SEAL					
	5	096-5625	1	BEARING					
	6	094-1931	1	RING					
	7	188-4181	1	HEAD					
	8	4I-3628	12	BOLT (L=80mm)					
J	9	095-1721	1	SEAL-O-RING (ID=134.40mm)					
J	10	4I-3627	1	RING					
	11	247-8876	1	CYLINDER AS					
	12	241-7381	1	BEARING					
	13	247-8877	1	ROD AS					
	14	241-7381	1	BEARING					
	15	4I-8869	1	STOP					
J	16	214-4501	1	RING					
J	17	4I-3631	2	RING					
J	18	096-1570	1	SEAL AS					
J	19	247-8874	2	RING					
J	20	096-1571	2	RING					
	21	247-8873	1	PISTON					
	22	096-6210	1	SETSCREW					
	23	4B-9880	1	BALL					
	24	085-8605	1	RING					
J	25	194-8359	1	RING					
	26	121-1549	1	STOP					
	27	085-8604	2	RING					
	28	166-1494	4	SEAL					
	29	3B-8489	1	FITTING					
				THE FOLLOWING REPAIR KIT IS AVAILABLE:					
		247-8974	1	SEAL KIT (INCLUDES PARTS MARKED J)					

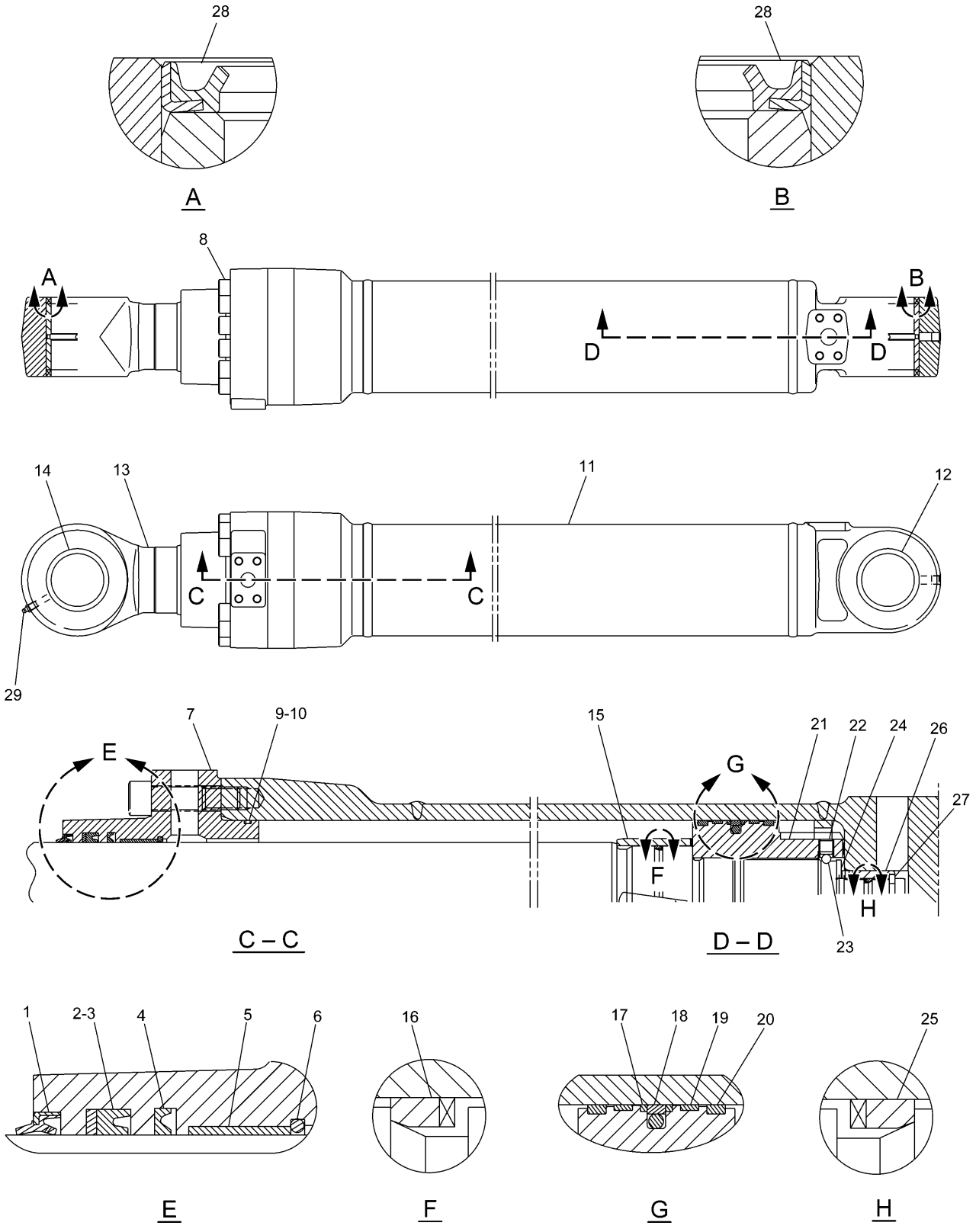
H89639E 00

242-6744 CYLINDER & SEAL GP-STICK

R-Boom (Heavy Duty)

Part of 242-6743-Page351

An Attachment



H89648E 01

242-6751 CYLINDER & SEAL GP-STICK
M-Boom
S/N BWZ 1-Up, DFB 1-Up
Part of 242-6750-Page352
An Attachment

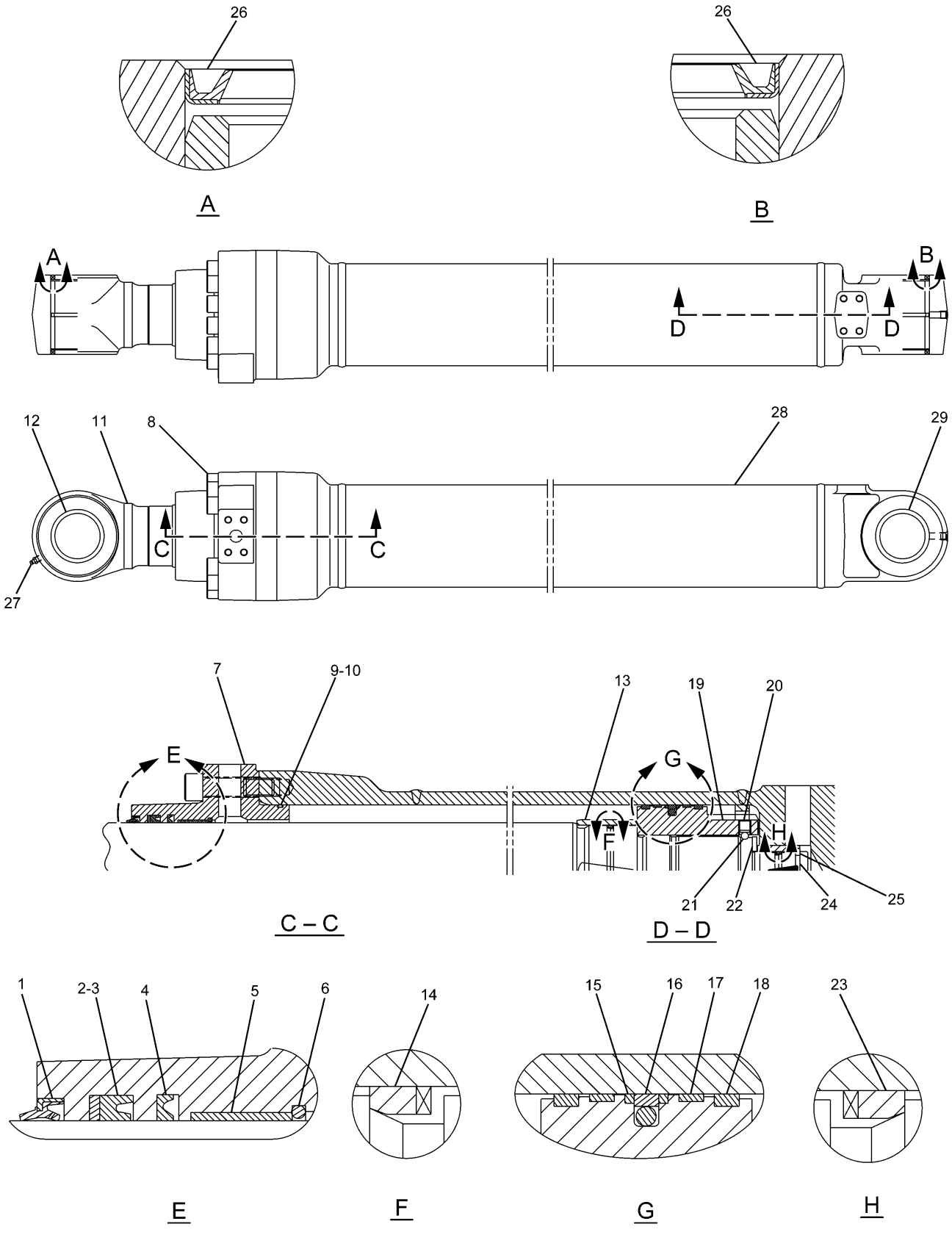
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
J	1	133-6904	1	SEAL					
J	2	121-1372	1	RING					
J	3	121-1371	1	SEAL					
J	4	204-3623	1	SEAL					
	5	096-5625	1	BEARING					
	6	094-1931	1	RING					
	7	188-4181	1	HEAD					
	8	4I-3628	12	BOLT (L=80mm)					
J	9	095-1721	1	SEAL-O-RING (ID=134.40mm)					
J	10	4I-3627	1	RING					
	11	247-8881	1	CYLINDER AS					
	12	241-7381	1	BEARING					
	13	247-8882	1	ROD AS					
	14	241-7381	1	BEARING					
	15	4I-8869	1	STOP					
J	16	126-1876	1	RING					
J	17	4I-3631	2	RING					
J	18	096-1570	1	SEAL AS					
J	19	247-8874	2	RING					
J	20	096-1571	2	RING					
	21	247-8873	1	PISTON					
	22	096-6210	1	SETSCREW					
	23	4B-9880	1	BALL					
	24	085-8605	1	RING					
J	25	194-8359	1	RING					
	26	121-1549	1	STOP					
	27	085-8604	2	RING					
	28	166-1494	4	SEAL					
	29	3B-8489	1	FITTING					
				THE FOLLOWING REPAIR					
				KIT IS AVAILABLE:					
		247-8878	1	SEAL KIT					
				(INCLUDES PARTS MARKED J)					

H89648E 01

242-6751 CYLINDER & SEAL GP-STICK

M-Boom
S/N BWZ 1-Up, DFB 1-Up
Part of 242-6750-Page352
An Attachment



H89311E 01

225-4588 CYLINDER & SEAL GP-STICK
Long Reach Front
S/N DFB 1-Up
Part of 268-7256-Page352
An Attachment

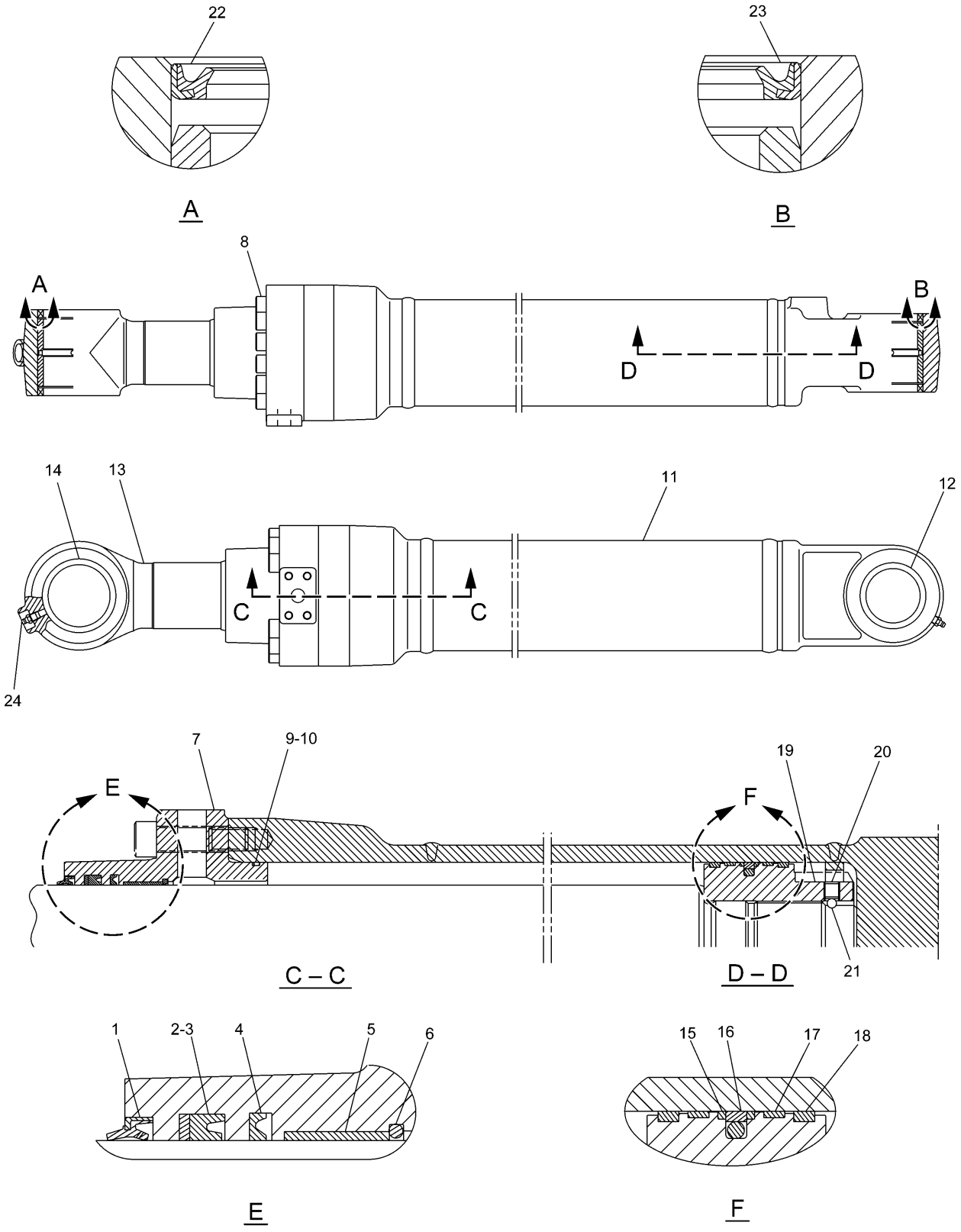
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
J	1	133-6909	1	SEAL					
J	2	194-8355	1	RING					
J	3	194-8354	1	SEAL					
J	4	209-6009	1	SEAL					
	5	099-5572	1	BEARING					
	6	099-5573	1	RING					
	7	194-8353	1	HEAD					
	8	9X-2404	12	BOLT (L=90mm)					
J	9	095-1723	1	SEAL-O-RING (ID=144.40mm)					
J	10	114-0706	1	RING					
	11	234-4578	1	ROD AS					
	12	235-7770	1	BEARING					
	13	121-1548	1	STOP					
J	14	194-8356	1	RING					
J	15	114-0711	2	RING					
J	16	114-0710	1	SEAL AS					
J	17	234-4574	2	RING					
J	18	114-0713	2	RING					
	19	234-4573	1	PISTON					
	20	096-6210	1	SETSCREW					
	21	4B-9880	1	BALL					
	22	085-8605	1	RING					
J	23	194-8359	1	RING					
	24	121-1549	1	STOP					
	25	085-8604	2	RING					
	26	166-1494	4	SEAL					
	27	3B-8489	1	FITTING					
	28	234-4577	1	CYLINDER AS					
	29	235-7770	1	BEARING					
				THE FOLLOWING REPAIR KIT IS AVAILABLE:					
		234-4576	1	SEAL KIT (INCLUDES PARTS MARKED J)					

H89311E 01

225-4588 CYLINDER & SEAL GP-STICK

Long Reach Front
S/N DFB 1-Up
Part of 268-7256-Page352
An Attachment



H96716E 02

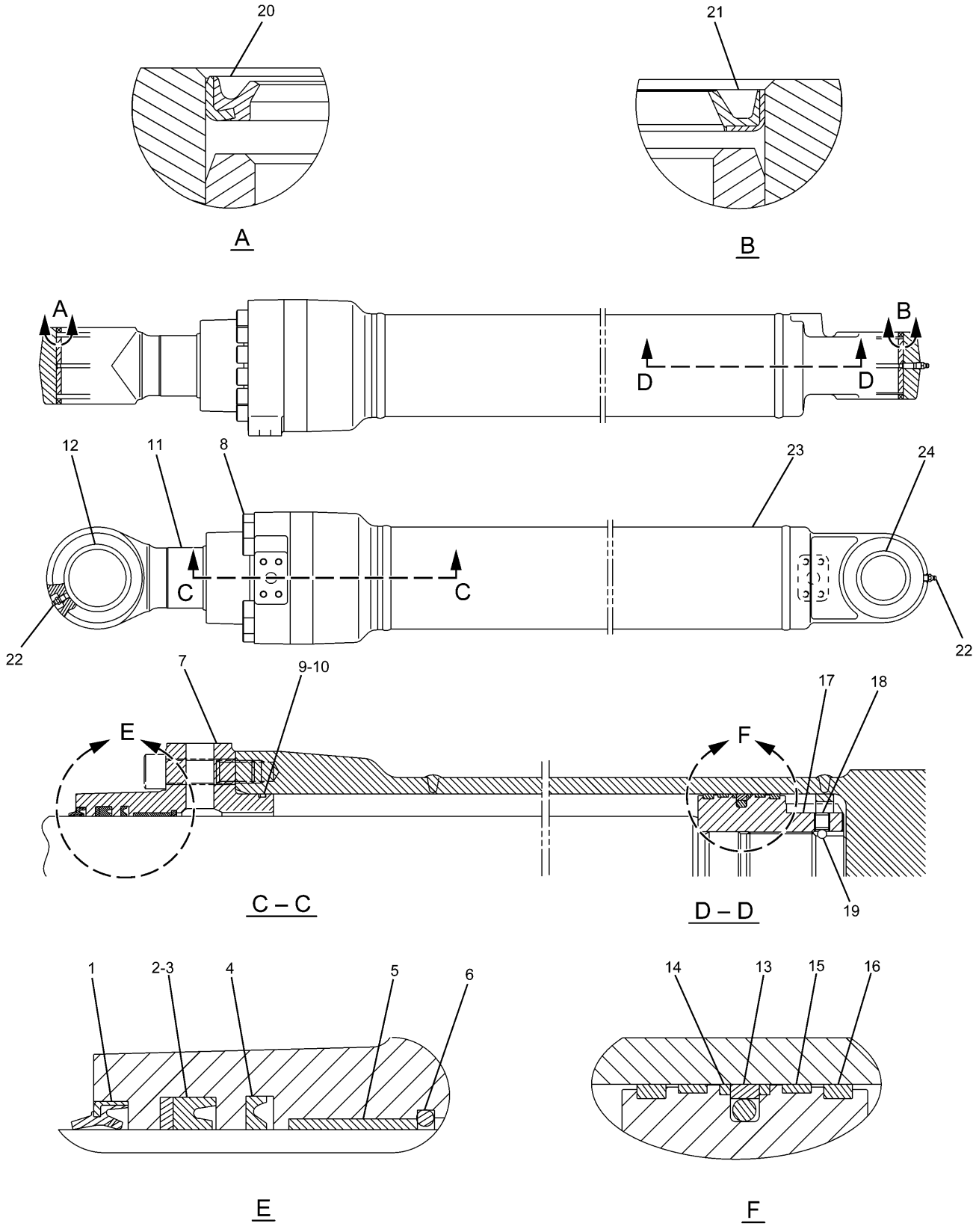
242-6756 CYLINDER & SEAL GP-BUCKET
B Family
Part of 242-6755-Page353
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
J	1	121-1611	1	SEAL					
J	2	096-1568	1	RING					
J	3	096-1567	1	SEAL					
J	4	204-3622	1	SEAL					
	5	096-4402	1	BEARING					
	6	094-0747	1	RING					
	7	177-2611	1	HEAD					
	8	8T-1447	12	BOLT (L=70mm)					
J	9	095-1717	1	SEAL-O-RING (ID=114.40mm)					
J	10	096-3964	1	RING					
	11	247-8886	1	CYLINDER AS					
	12	235-7769	1	BEARING					
	13	247-8887	1	ROD AS					
	14	241-7382	1	BEARING					
J	15	4I-3615	2	RING					
J	16	096-7803	1	SEAL AS					
J	17	247-8865	2	RING					
J	18	086-0255	2	RING					
	19	247-8885	1	PISTON					
	20	096-3216	1	SETSCREW					
	21	3D-2891	1	BALL					
	22	166-1494	2	SEAL					
	23	235-7679	2	SEAL					
	24	3B-8489	2	FITTING					
				THE FOLLOWING REPAIR KIT IS AVAILABLE:					
		247-8888	1	SEAL KIT (INCLUDES PARTS MARKED J)					

H96716E 02

242-6756 CYLINDER & SEAL GP-BUCKET
B Family
Part of 242-6755-Page353
An Attachment



H89322E 01

225-4591 CYLINDER & SEAL GP-BUCKET
CB Family
Part of 225-4590-Page353
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
J	1	150-5828	1	SEAL					
J	2	150-5827	1	RING					
J	3	150-5826	1	SEAL					
J	4	209-5957	1	SEAL					
	5	096-4430	1	BEARING					
	6	7Y-4631	1	RING					
	7	234-4580	1	HEAD					
	8	4I-3628	12	BOLT (L=80mm)					
J	9	095-1720	1	SEAL-O-RING (ID=129.40mm)					
J	10	234-4581	1	RING					
	11	234-4589	1	ROD AS					
	12	228-5615	1	BEARING					
J	13	234-4583	1	SEAL AS					
J	14	234-4584	2	RING					
J	15	234-4585	2	RING					
J	16	234-4586	2	RING					
	17	234-4582	1	PISTON					
	18	096-6210	1	SETSCREW					
	19	4B-9880	1	BALL					
	20	166-1495	2	SEAL					
	21	235-7679	2	SEAL					
	22	3B-8489	2	FITTING					
	23	234-4588	1	CYLINDER AS					
	24	235-7769	1	BEARING					
				THE FOLLOWING REPAIR KIT IS AVAILABLE:					
		234-4587	1	SEAL KIT (INCLUDES PARTS MARKED J)					

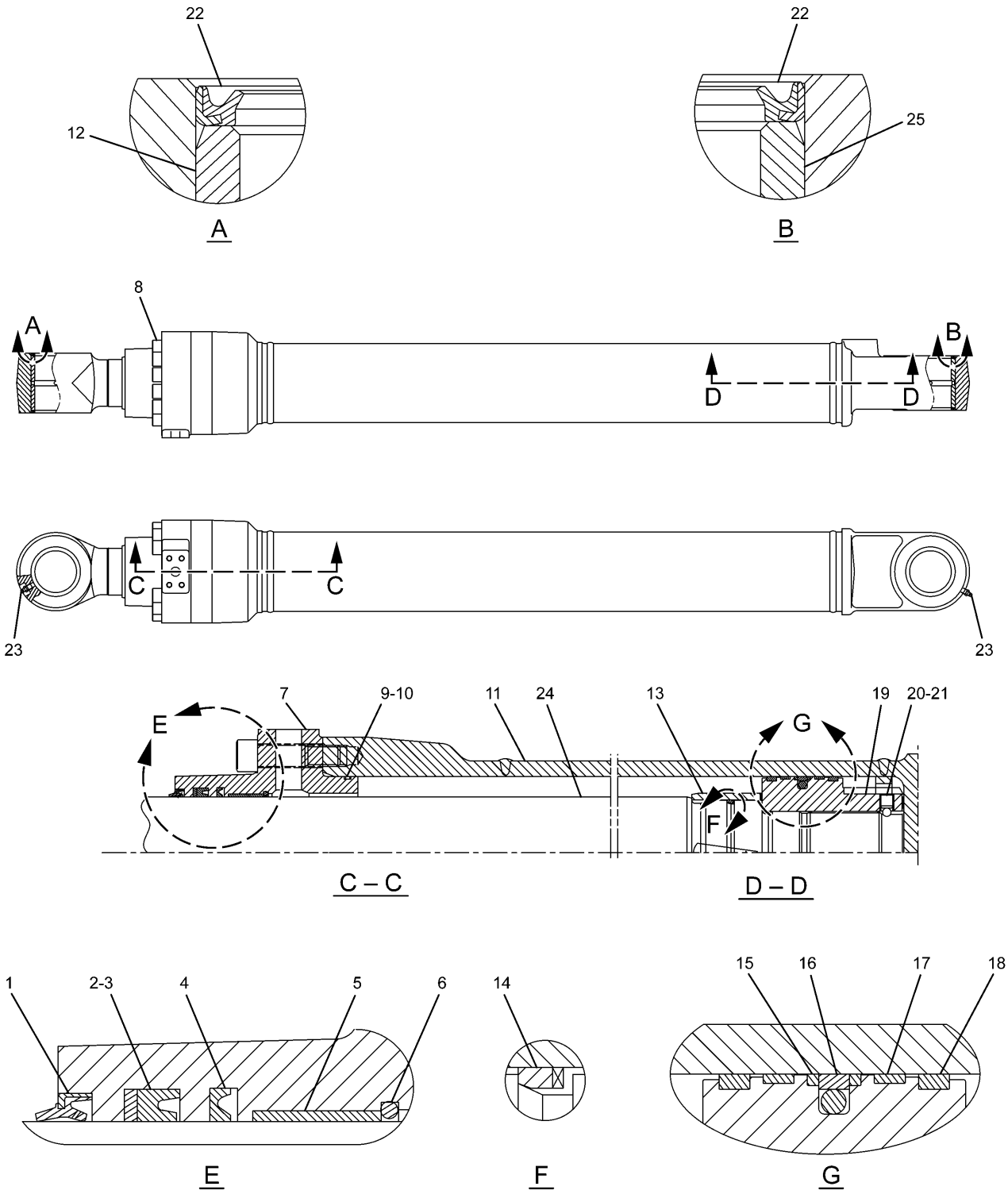
H89322E 01

225-4591 CYLINDER & SEAL GP-BUCKET

CB Family

Part of 225-4590-Page353

An Attachment



H96715E 01

242-6770 CYLINDER & SEAL GP-BUCKET
Part of 242-6769-Page354
An Attachment

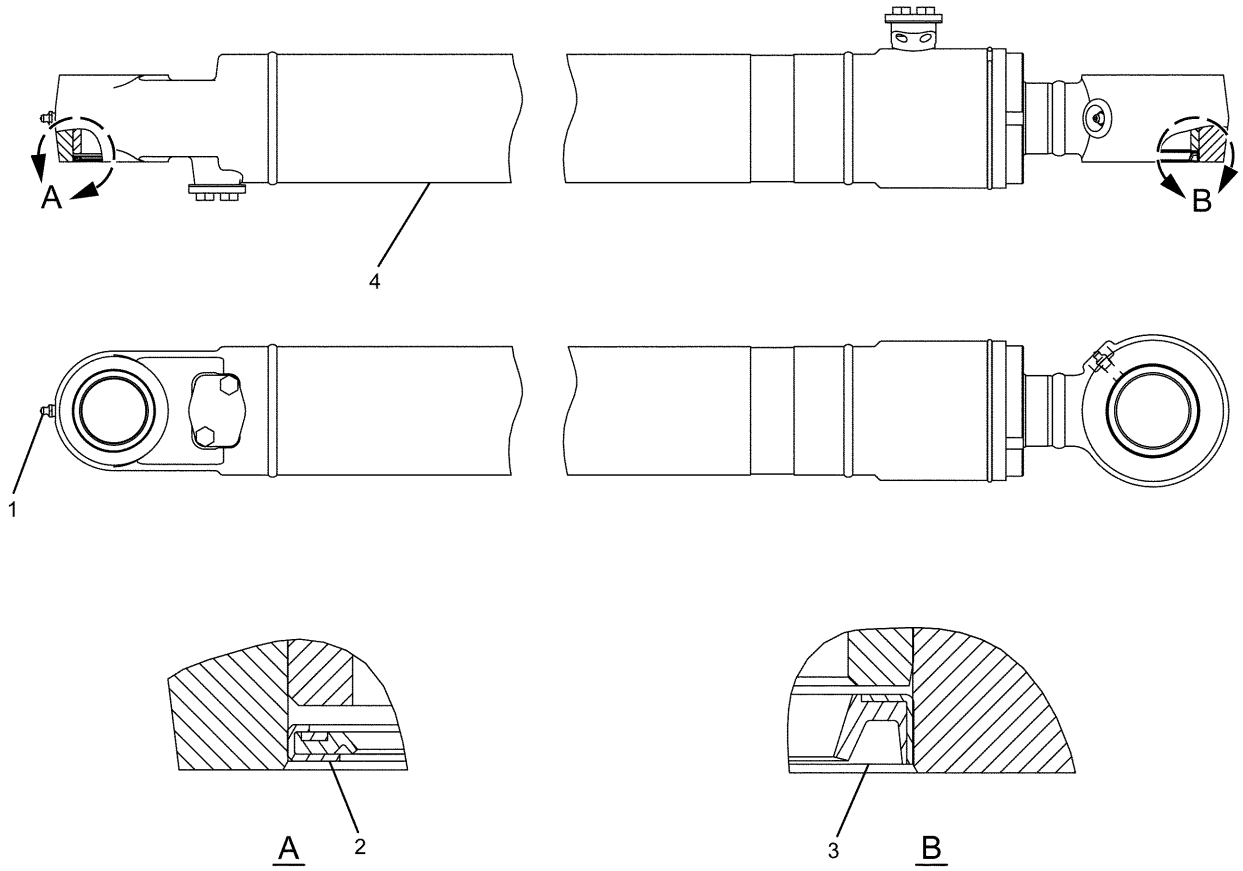
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
J	1	126-1885	1	SEAL					
J	2	105-2578	1	RING					
J	3	105-2577	1	SEAL					
J	4	204-3624	1	SEAL					
	5	105-2575	1	BEARING					
	6	093-1571	1	RING					
	7	185-0194	1	HEAD					
	8	4I-3628	12	BOLT (L=80mm)					
J	9	095-1719	1	SEAL-O-RING (ID=124.40mm)					
J	10	105-2579	1	RING					
	11	266-7938	1	CYLINDER AS					
	12	184-5560	1	BEARING					
	13	266-7928	1	STOP					
J	14	126-1870	1	RING					
J	15	105-2583	2	RING					
J	16	086-1345	1	SEAL AS					
J	17	247-9006	2	RING					
J	18	086-1346	2	RING					
	19	259-0675	1	PISTON					
	20	160-8759	1	SETSCREW					
	21	3D-2891	1	BALL					
	22	096-0854	4	SEAL					
	23	3B-8489	2	FITTING					
	24	266-7939	1	ROD AS					
	25	240-2915	1	BEARING					
				THE FOLLOWING REPAIR KIT IS AVAILABLE:					
		266-7929	1	SEAL KIT (INCLUDES PARTS MARKED J)					

H96715E 01

242-6770 CYLINDER & SEAL GP-BUCKET

Part of 242-6769-Page354
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	2	FITTING					
	2	093-1433	2	SEAL					
	3	235-7679	2	SEAL					
Y	4	283-6118	1	CYLINDER GP					

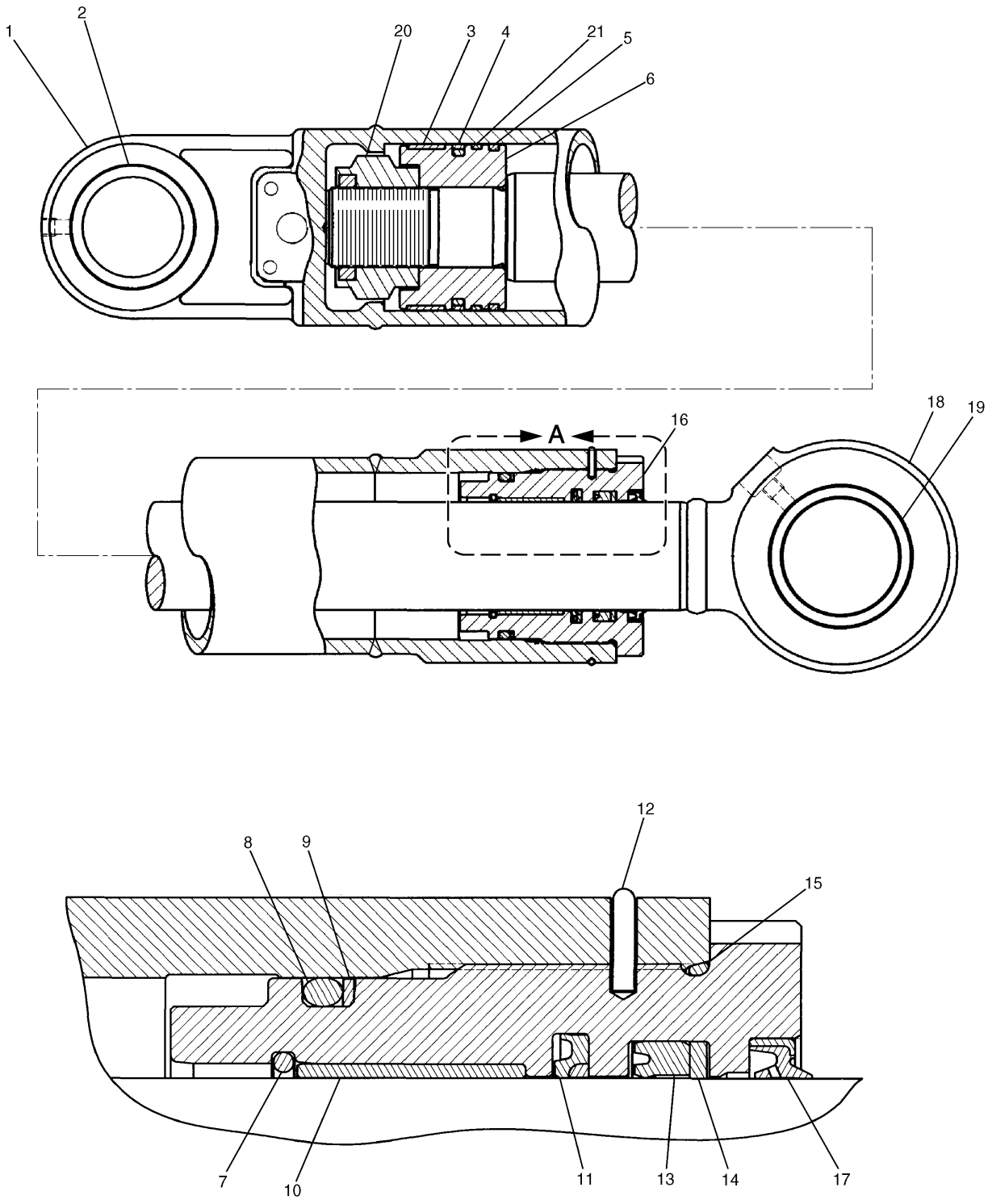
Y—SEE SEPARATE ILLUSTRATION

H93663E 01

248-7854 CYLINDER & SEAL GP-BUCKET

Long Reach Front
S/N DFB 1-Up
Part of 253-6664-Page354
283-6118-Page374
An Attachment

MEMORANDA



H93668E 00

283-6118 CYLINDER GP-BUCKET
S/N DFB 1-Up
Part of 248-7854-Page372
An Attachment

HYDRAULIC SYSTEM

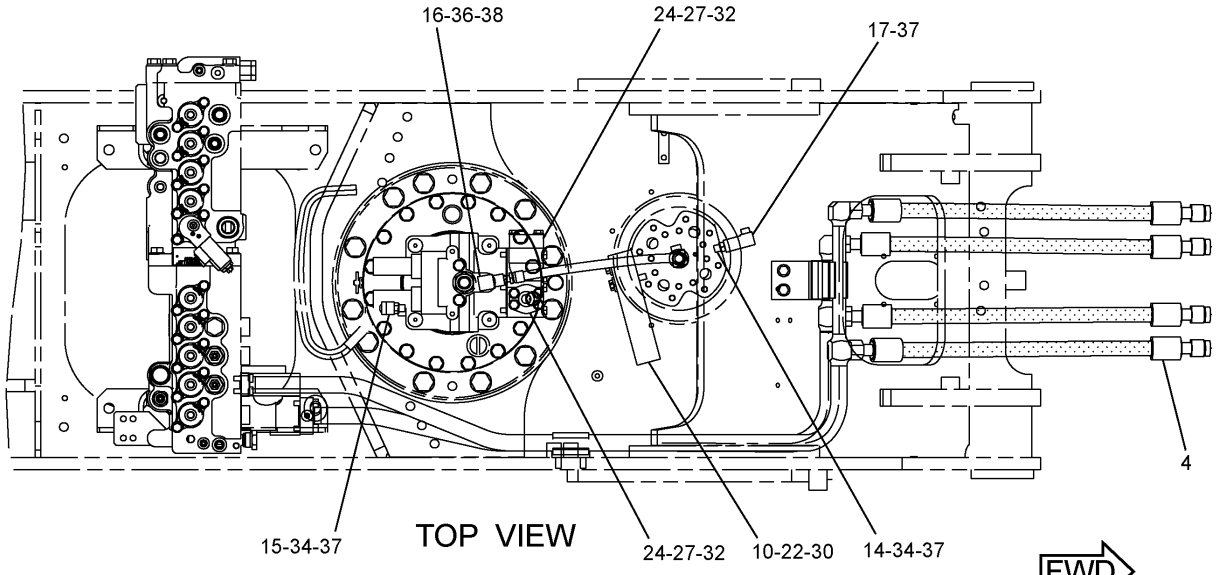
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	170-9938	1	CYLINDER AS					
	2	229-1009	1	BEARING					
J	3	143-8024	1	RING					
J	4	9X-7298	1	SEAL AS					
J	5	143-8025	1	RING					
	6	143-8023	1	PISTON					
	7	099-0700	1	RING					
J	8	095-1625	1	SEAL-O-RING (ID=89.60mm)					
J	9	099-0699	1	RING					
	10	114-0754	1	BEARING					
J	11	170-9840	1	SEAL					
	12	099-0600	1	RING					
J	13	170-9856	1	SEAL					
J	14	096-1055	1	RING					
J	15	6V-8467	1	SEAL-O-RING (ID=99.40mm)					
	16	099-0596	1	HEAD					
J	17	165-9282	1	SEAL					
	18	283-6119	1	ROD AS					
	19	248-7857	1	BEARING					
	20	143-8149	1	LOCKNUT					
J	21	143-8033	1	RING					
				THE FOLLOWING REPAIR KIT IS AVAILABLE:					
		170-9941	1	SEAL KIT (INCLUDES PARTS MARKED J)					

H93668E 00

283-6118 CYLINDER GP-BUCKET

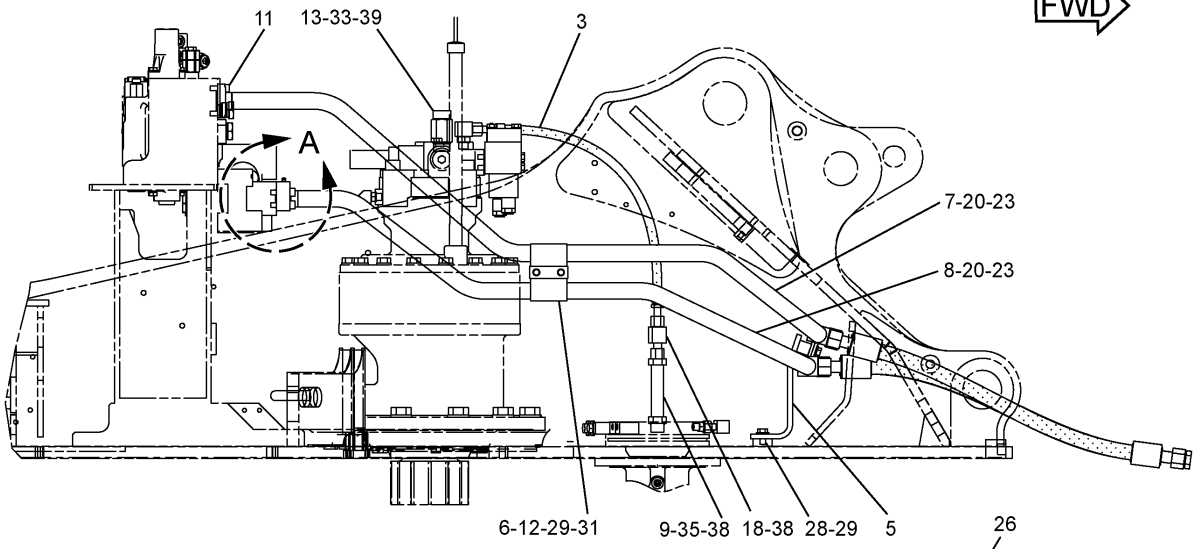
S/N DFB 1-Up
Part of 248-7854-Page372
An Attachment

HYDRAULIC SYSTEM

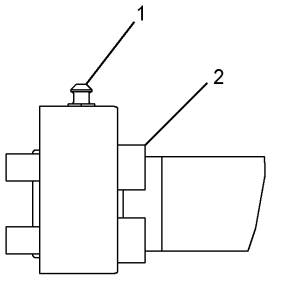


TOP VIEW

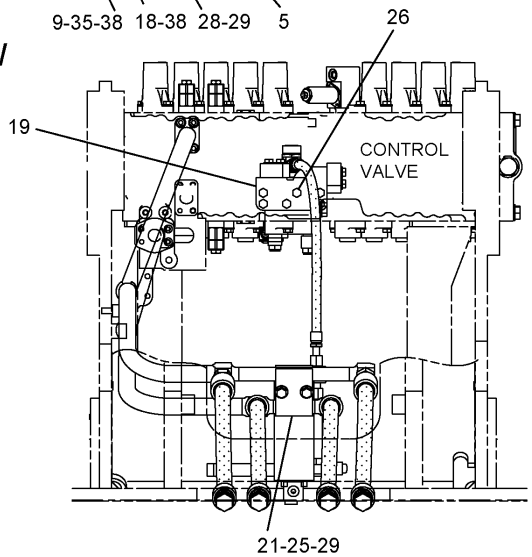
FWD



RIGHT SIDE VIEW



A



FRONT VIEW

H98044E 01

302-2922 LINES GP-BOOM CYLINDER
158-9085-Page584

HYDRAULIC SYSTEM

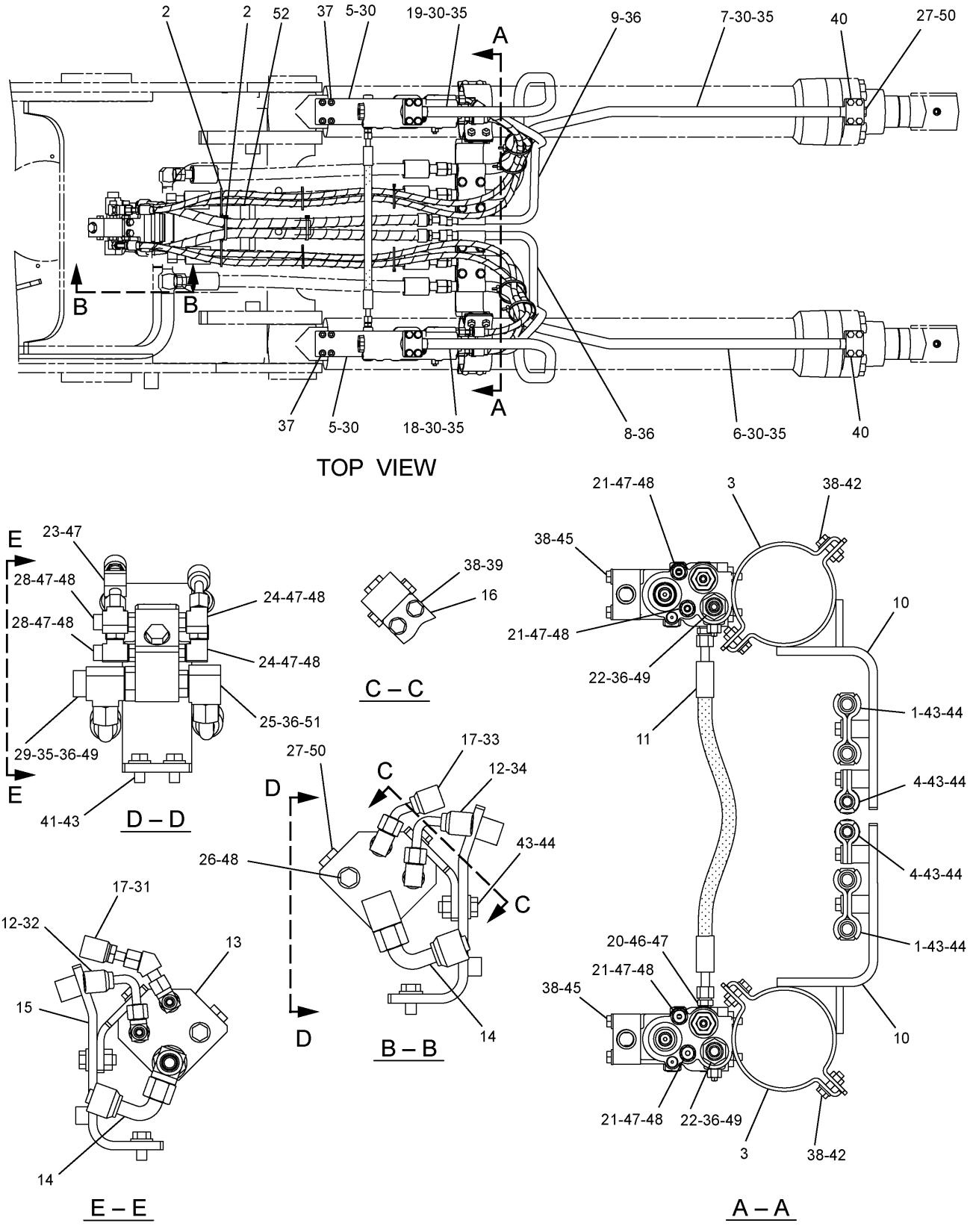
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9F-2167	1	SCREW					
	2	101-7398	4	BOLT (L=40mm)					
	3	108-7354	1	HOSE AS					
	4	124-1047	4	HOSE AS					
	5	124-1062	1	SUPPORT AS					
	6	133-5828	1	SUPPORT AS					
	7	142-7768	1	TUBE AS					
	8	142-7769	1	TUBE AS					
	9	4I-7745	1	CONNECTOR					
	10	234-4492	1	SUPPORT					
	11	101-7404	4	BOLT (L=30mm)					
	12	108-7550	1	CLIP					
	13	307-4919	1	CONNECTOR					
	14	6V-8636	1	CONNECTOR					
	15	6V-9001	1	ELBOW					
	16	6V-8625	1	ELBOW					
	17	6V-9850	1	ELBOW					
	18	6V-9837	1	TEE					
Y	19	158-9085	1	VALVE GP					
	20	1P-3703	2	SEAL					
	21	4I-1674	2	CLIP					
	22	5P-1076	2	WASHER					
	23	6V-9746	4	SEAL-O-RING (OD=22.50mm)					
	24	8T-4121	8	WASHER					
	25	8T-4139	2	BOLT (L=30mm)					
	26	8T-4178	6	BOLT (L=90mm)					
	27	8T-4182	8	BOLT (L=45mm)					
	28	8T-4192	2	BOLT (L=25mm)					
	29	8T-4223	6	WASHER					
	30	8T-4648	2	BOLT (L=70mm)					
	31	8T-4910	2	BOLT (L=60mm)					
	32	8T-9403	4	FLANGE					
	33	5K-9090	1	SEAL-O-RING (OD=27.22mm)					
	34	3J-1907	2	SEAL-O-RING (ID=11.89mm)					
	35	3D-2824	1	SEAL-O-RING (ID=23.47mm)					
	36	3K-0360	1	SEAL-O-RING (ID=16.36mm)					
	37	6V-8397	3	SEAL-O-RING (OD=12.83mm)					
	38	6V-8398	4	SEAL-O-RING (OD=16.03mm)					
	39	7M-8485	1	SEAL-O-RING (ID=29.74mm)					

Y—SEE SEPARATE ILLUSTRATION

H98044E 01

302-2922 LINES GP-BOOM CYLINDER

158-9085-Page584



H98055E 02

286-6495 LINES GP-BOOM CYLINDER

BOOM LOWERING CONTROL
S/N BWZ 1-Up, DFB 1-Up
Part of 270-5974-Page447
225-4785-Page592
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-1674	4	CLIP					
	2	7K-1181	12	STRAP					
	3	119-2804	2	SUPPORT AS					
	4	149-1738	4	CLIP					
Y	5	225-4785	2	VALVE GP					
	6	266-1110	1	TUBE AS					
	7	266-1111	1	TUBE AS					
	8	266-1114	1	PIPE AS					
	9	266-1115	1	PIPE AS					
	10	266-1116	2	SUPPORT AS					
	11	266-1147	1	HOSE AS					
	12	275-1648	2	HOSE AS					
	13	278-6587	1	BLOCK					
	14	278-6593	2	HOSE AS					
	15	278-6875	1	SUPPORT AS					
	16	278-6877	1	SUPPORT AS					
	17	278-2568	2	HOSE AS					
	18	286-6720	1	TUBE AS					
	19	286-6721	1	TUBE AS					
	20	6V-9872	2	CONNECTOR					
	21	6V-8636	4	CONNECTOR					
	22	6V-8713	2	CONNECTOR					
	23	8C-8968	1	ELBOW					
	24	6V-8724	2	ELBOW					
	25	6V-8626	1	ELBOW					
	26	9S-4191	2	PLUG					
	27	9S-4185	2	PLUG					
	28	6V-8781	2	TEE					
	29	6V-9175	1	TEE					
	30	1P-3703	6	SEAL					
	31	4I-9521	2	BAND (L1,RED)					
	32	4I-9522	2	BAND (L2,YELLOW)					
	33	4I-9525	2	BAND (R1,ORANGE)					
	34	4I-9526	2	BAND (R2,WHITE)					
	35	6V-9746	5	SEAL-O-RING (OD=22.50mm)					
	36	7J-9108	6	SEAL-O-RING (OD=19.28mm)					
	37	8T-0341	8	BOLT (L=60mm)					
	38	8T-4121	18	WASHER					
	39	8T-4136	2	BOLT (L=25mm)					
	40	8T-4185	8	BOLT (L=50mm)					
	41	8T-4192	2	BOLT (L=25mm)					
	42	8T-4196	8	BOLT (L=35mm)					
	43	8T-4223	12	WASHER					
	44	8T-4956	10	BOLT (L=35mm)					
	45	8T-6466	8	BOLT (L=60mm)					
	46	3J-7354	2	SEAL-O-RING (ID=8.92mm)					
	47	6V-8397	11	SEAL-O-RING (OD=12.83mm)					
	48	3J-1907	10	SEAL-O-RING (ID=11.89mm)					
	49	3D-2824	3	SEAL-O-RING (ID=23.47mm)					
	50	3K-0360	2	SEAL-O-RING (ID=16.36mm)					
	51	2M-9780	1	SEAL-O-RING (ID=19.18mm)					
	52	307-5121	1	GUARD					

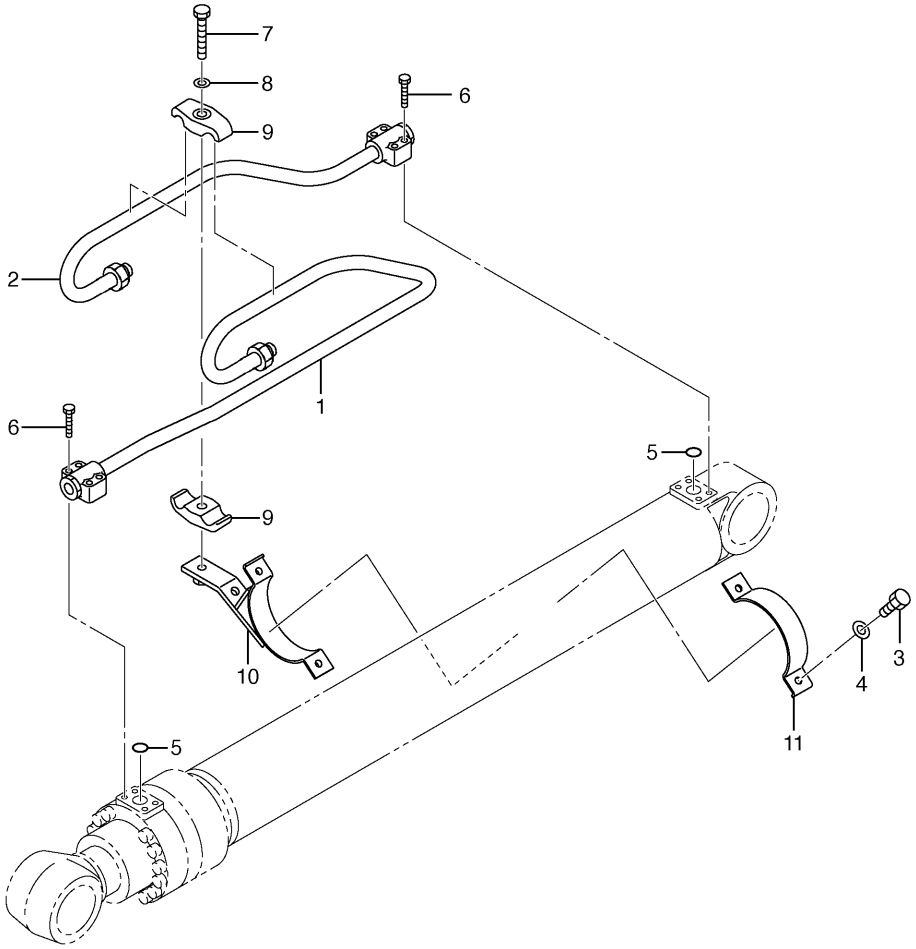
Y—SEE SEPARATE ILLUSTRATION

H98055E 02

286-6495 LINES GP-BOOM CYLINDER

BOOM LOWERING CONTROL
S/N BWZ 1-Up, DFB 1-Up
Part of 270-5974-Page447
225-4785-Page592
An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	247-8869	1	TUBE AS					
	2	222-0126	1	TUBE AS					
	3	8T-4196	2	BOLT (L=35mm)					
	4	8T-4896	2	WASHER					
	5	095-1597	2	SEAL-O-RING (ID=29.70mm)					
	6	9X-6032	8	BOLT (L=30mm)					
	7	8T-3653	1	BOLT (L=80mm)					
	8	3B-4509	1	LOCKWASHER					
	9	094-1920	2	CLAMP					
	10	137-3709	1	SUPPORT AS					
	11	4I-3621	1	SUPPORT					

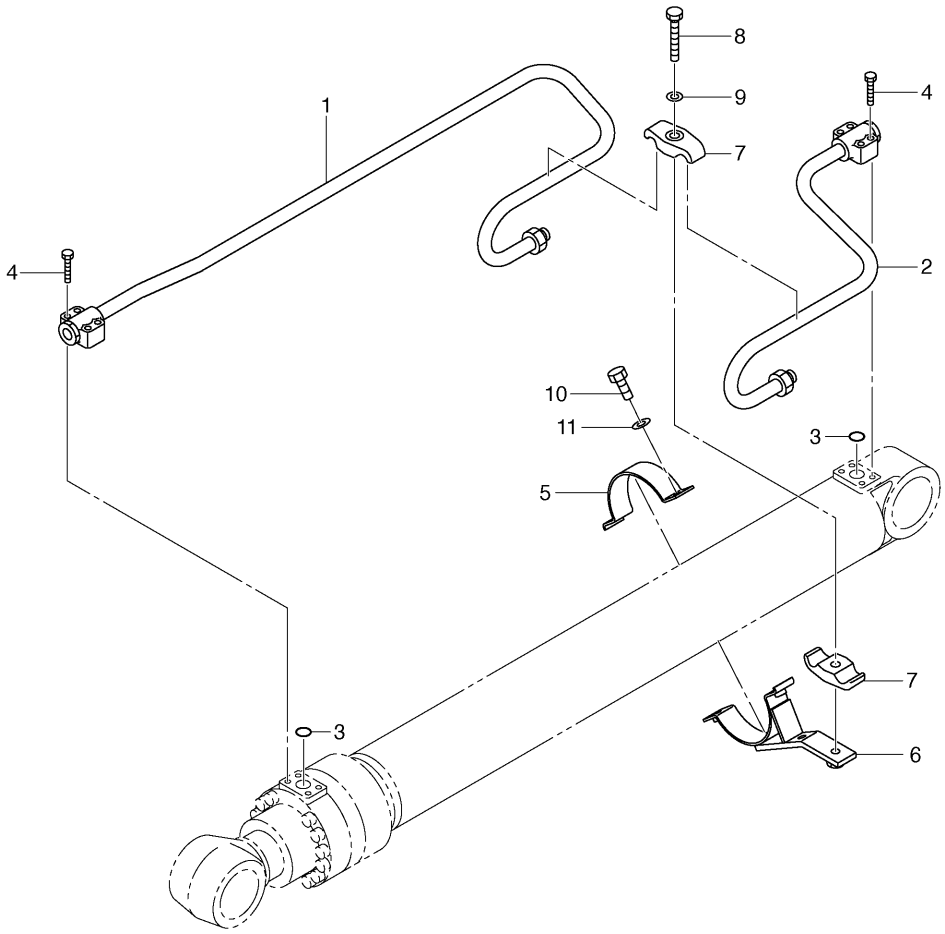
H89768E 01

242-6732 LINES GP-BOOM CYLINDER

Left Hand

Part of 242-6730-Page350

An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	247-8870	1	TUBE AS					
	2	222-0124	1	TUBE AS					
	3	095-1597	2	SEAL-O-RING (ID=29.70mm)					
	4	9X-6032	8	BOLT (L=30mm)					
	5	4I-3621	1	SUPPORT					
	6	137-3709	1	SUPPORT AS					
	7	094-1920	2	CLAMP					
	8	8T-3653	1	BOLT (L=80mm)					
	9	3B-4509	1	LOCKWASHER					
	10	8T-4196	2	BOLT (L=35mm)					
	11	8T-4896	2	WASHER					

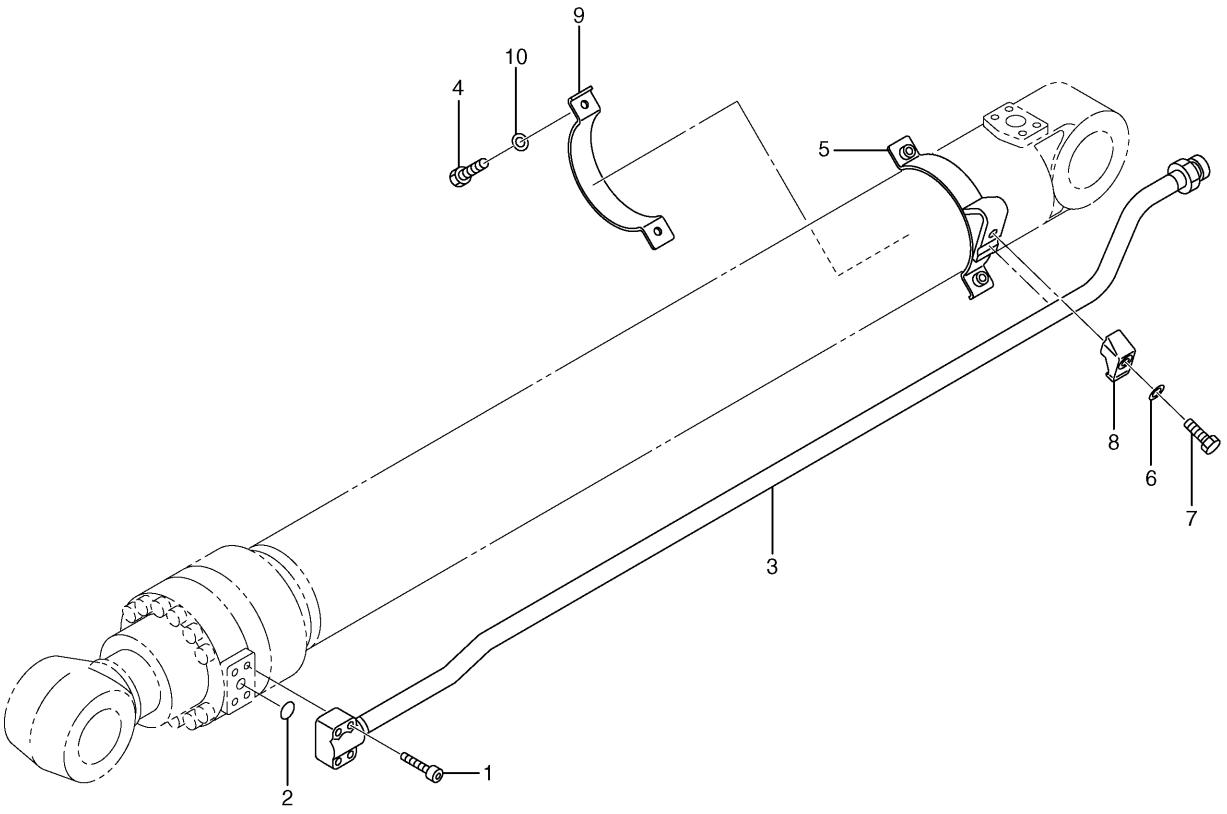
H89770E 01

242-6737 LINES GP-BOOM CYLINDER

Right Hand

Part of 242-6736-Page350

An Attachment



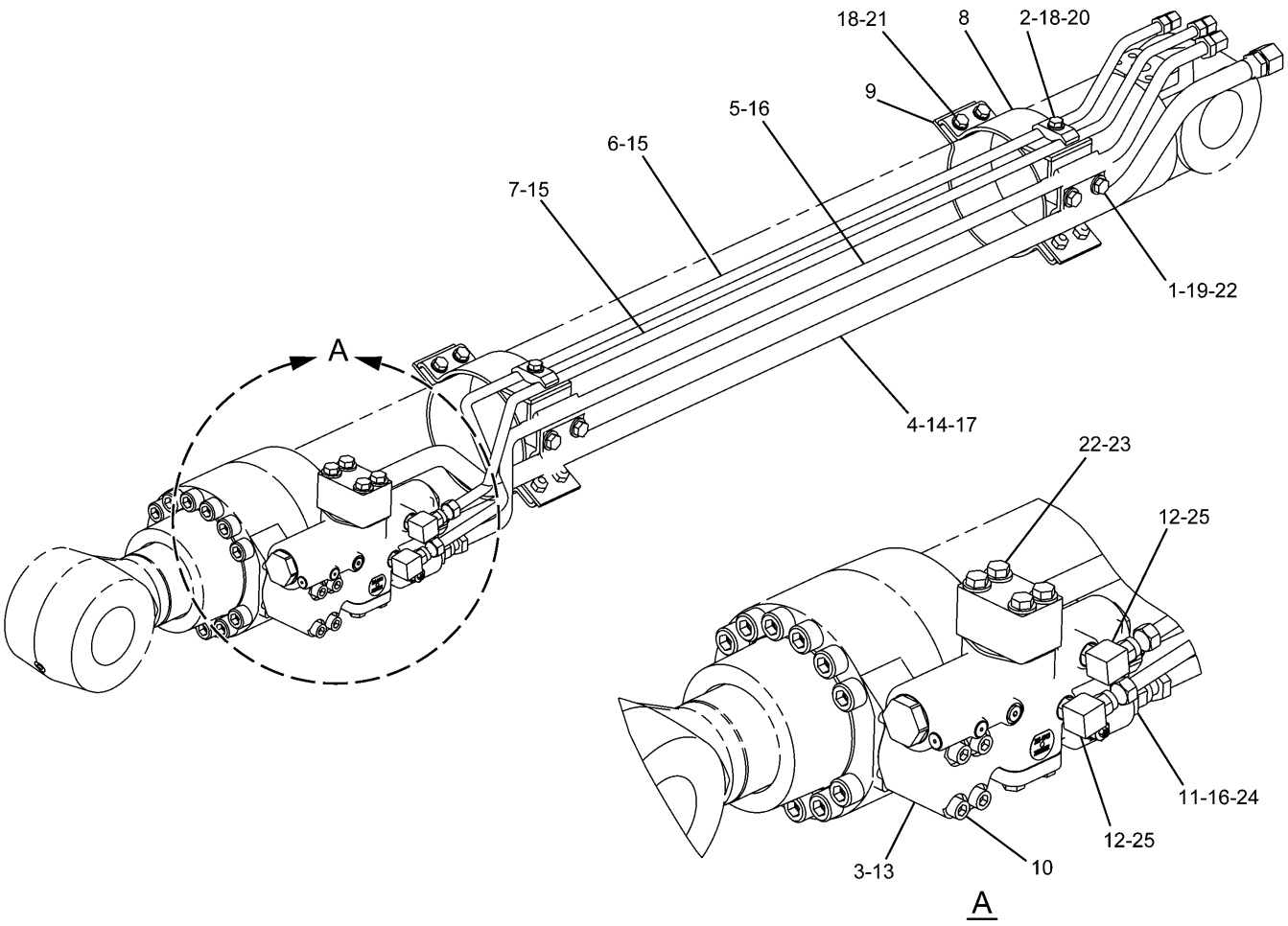
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6V-8200	4	BOLT (L=35mm)					
	2	095-1600	1	SEAL-O-RING (ID=33.70mm)					
	3	247-8883	1	TUBE AS					
	4	8T-4196	2	BOLT (L=35mm)					
	5	124-1019	1	SUPPORT AS					
	6	8T-4223	1	WASHER					
	7	8T-4910	1	BOLT (L=60mm)					
	8	096-4480	1	CLAMP					
	9	124-1020	1	SUPPORT					
	10	8T-4896	2	WASHER					

H89775E 01

242-6735 LINES GP-STICK CYLINDER

Part of 242-6733,242-6743-Page351,242-6750-Page352
An Attachment

HYDRAULIC SYSTEM



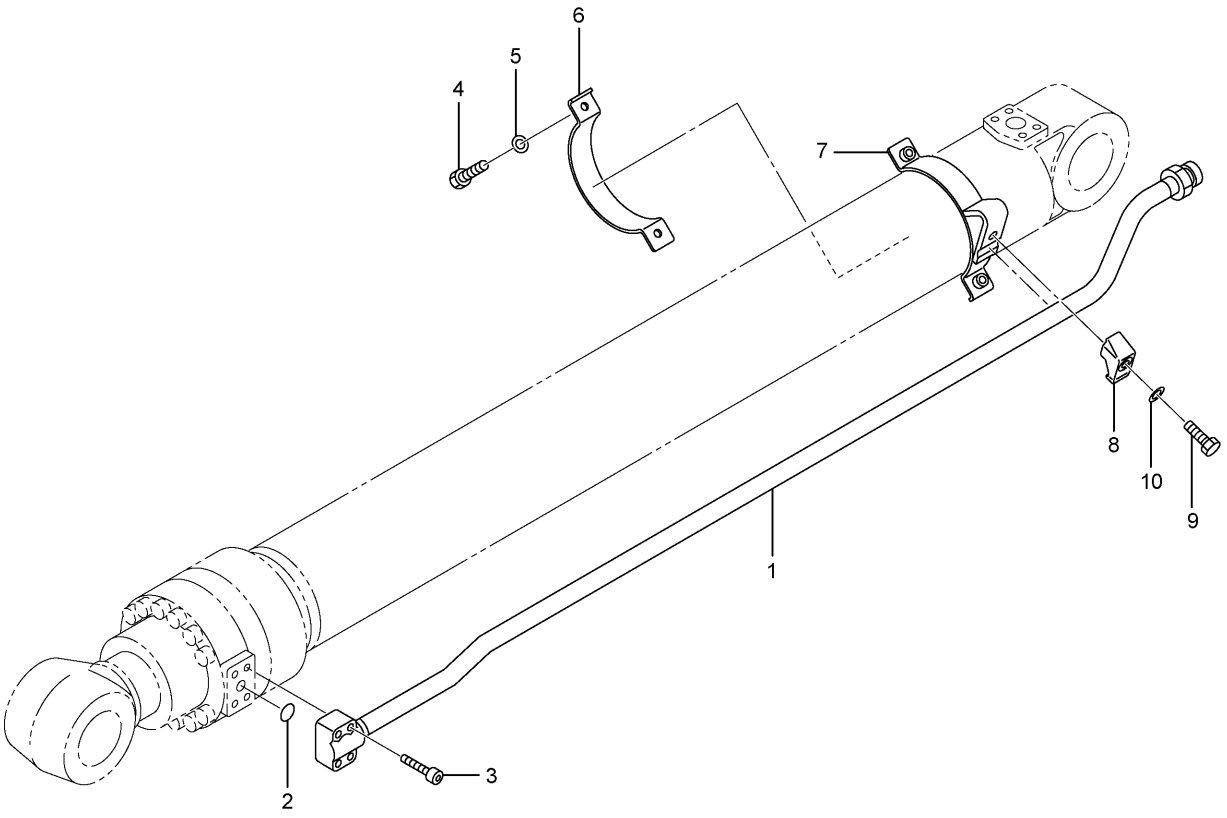
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5Q-4213	4	CLIP		21	8T-4196	8	BOLT (L=35mm)
	2	093-1294	2	CLAMP		22	8T-4223	8	WASHER
Y	3	225-4843	1	VALVE GP		23	8T-4648	4	BOLT (L=70mm)
	4	247-9073	1	TUBE AS		24	3D-2824	1	SEAL-O-RING (ID=23.47mm)
	5	247-9074	1	PIPE AS		25	3J-1907	2	SEAL-O-RING (ID=11.89mm)
	6	247-9076	1	PIPE AS					
	7	247-9078	1	PIPE AS					
	8	268-7241	2	SUPPORT AS					
	9	119-2325	2	SUPPORT AS					
	10	108-1782	4	BOLT (L=90mm)					
	11	6V-8633	1	CONNECTOR					
	12	6V-8627	2	ELBOW					
	13	1P-3703	1	SEAL					
	14	1P-3704	1	SEAL					
	15	6V-8397	2	SEAL-O-RING (OD=12.83mm)					
	16	6V-8398	2	SEAL-O-RING (OD=16.03mm)					
	17	6V-9746	1	SEAL-O-RING (OD=22.50mm)					
	18	8T-4121	10	WASHER					
	19	8T-4139	4	BOLT (L=30mm)					
	20	8T-4186	2	BOLT (L=40mm)					

Y—SEE SEPARATE ILLUSTRATION

H91298E 03

262-3471 LINES GP-STICK CYLINDER

S/N BWZ 1-Up, DFB 1-Up
Part of 239-8677-Page447
225-4843-Page594
An Attachment

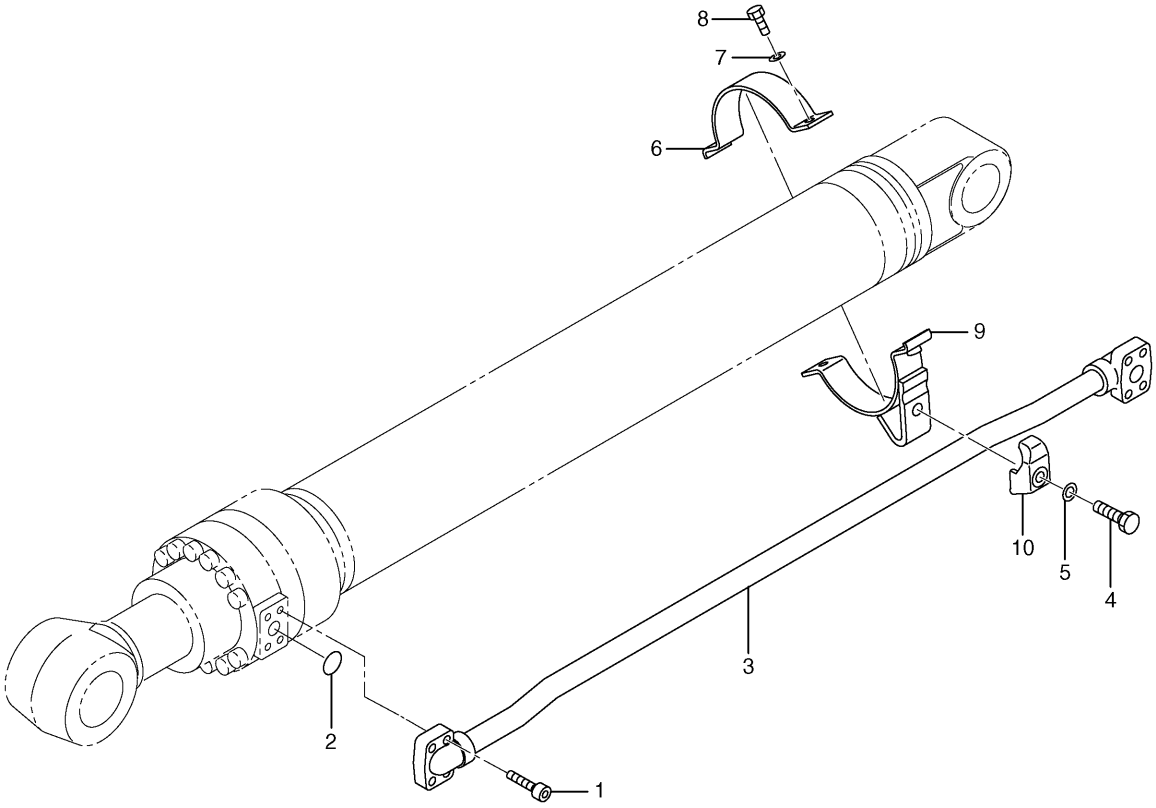


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	227-6884	1	TUBE AS					
	2	095-1600	1	SEAL-O-RING (ID=33.70mm)					
	3	6V-8200	4	BOLT (L=35mm)					
	4	8T-4196	2	BOLT (L=35mm)					
	5	8T-4896	2	WASHER					
	6	124-0914	1	SUPPORT					
	7	194-8380	1	SUPPORT AS					
	8	096-4447	1	CLAMP					
	9	8T-4910	1	BOLT (L=60mm)					
	10	8T-4223	1	WASHER					

H91297E 00

268-7257 LINES GP-STICK CYLINDER

S/N DFB 1-Up
Part of 268-7256-Page352
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9X-6032	4	BOLT (L=30mm)					
	2	095-1597	1	SEAL-O-RING (ID=29.70mm)					
	3	274-2547	1	TUBE AS					
	4	8T-4910	1	BOLT (L=60mm)					
	5	8T-4223	1	WASHER					
	6	096-4412	1	SUPPORT					
	7	8T-4896	2	WASHER					
	8	8T-4196	2	BOLT (L=35mm)					
	9	124-1034	1	SUPPORT AS					
	10	096-4480	1	CLAMP					

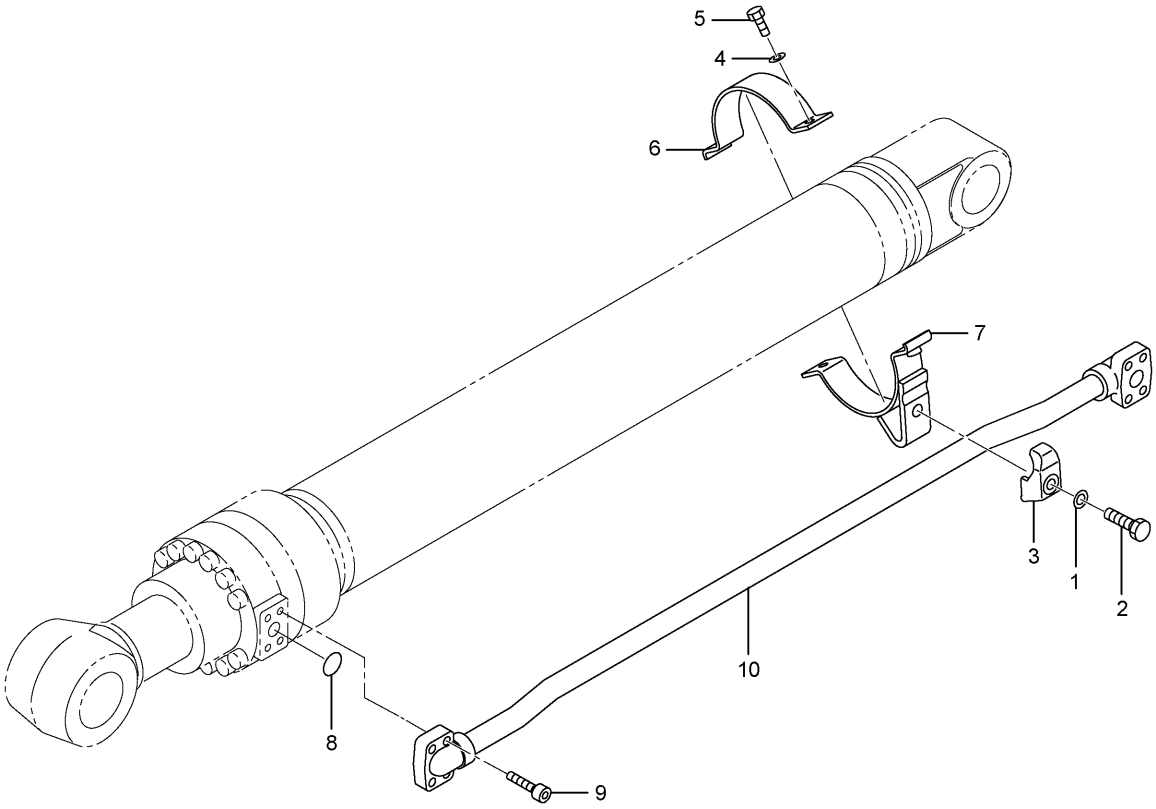
H90580E 02

242-6757 LINES GP-BUCKET CYLINDER

B Family

Part of 242-6755-Page353

An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-4223	1	WASHER					
	2	8T-4910	1	BOLT (L=60mm)					
	3	096-4480	1	CLAMP					
	4	8T-4896	2	WASHER					
	5	8T-4196	2	BOLT (L=35mm)					
	6	234-4592	1	SUPPORT					
	7	234-4591	1	SUPPORT AS					
	8	095-1597	1	SEAL-O-RING (ID=29.70mm)					
	9	9X-6032	4	BOLT (L=30mm)					
	10	259-0647	1	TUBE AS					

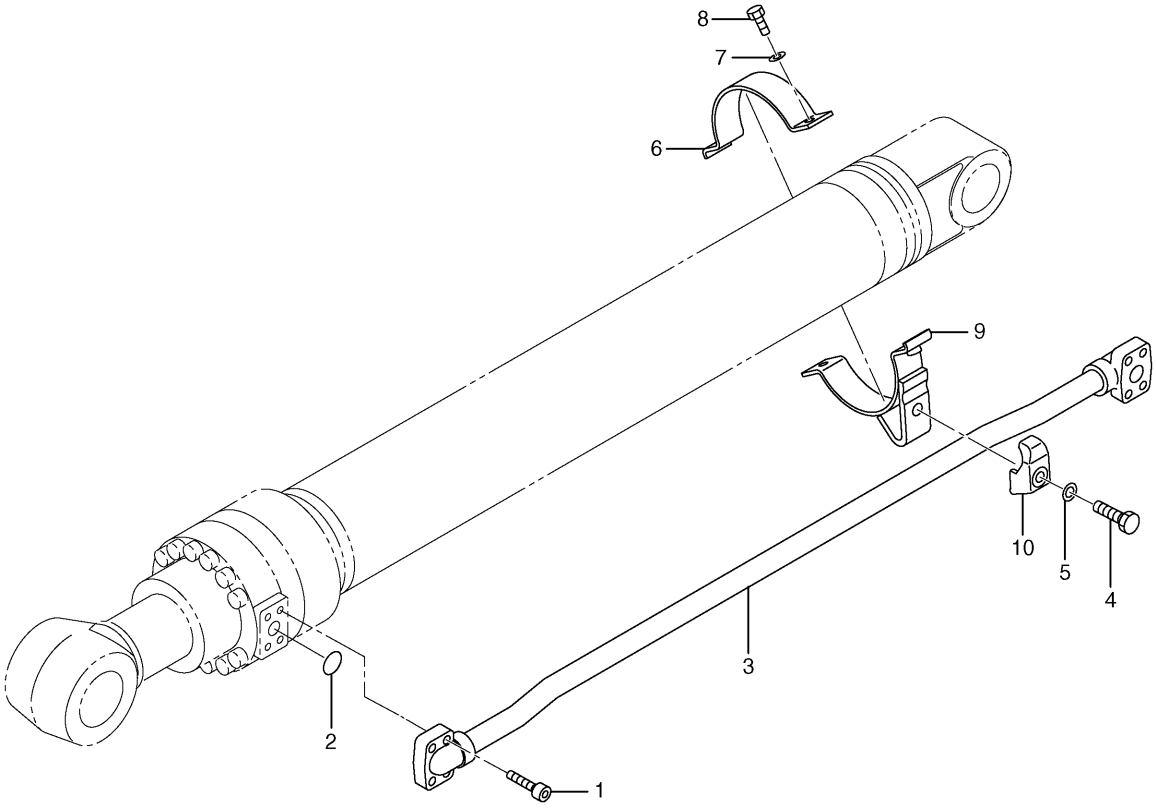
H89275E 01

225-4592 LINES GP-BUCKET CYLINDER

CB Family

Part of 225-4590-Page353

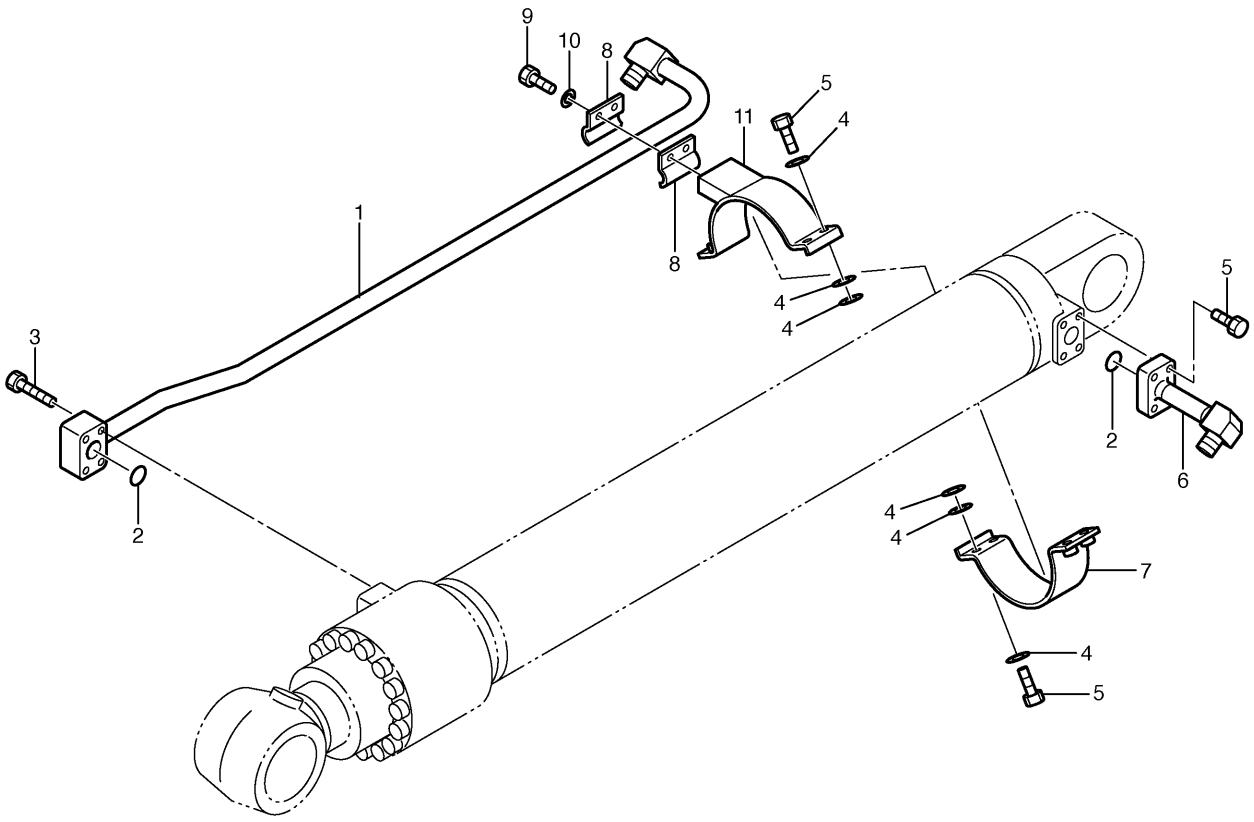
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9X-6032	4	BOLT (L=30mm)					
	2	095-1597	1	SEAL-O-RING (ID=29.70mm)					
	3	274-2547	1	TUBE AS					
	4	8T-4910	1	BOLT (L=60mm)					
	5	8T-4223	1	WASHER					
	6	096-4449	1	SUPPORT					
	7	8T-4896	2	WASHER					
	8	8T-4196	2	BOLT (L=35mm)					
	9	124-1021	1	SUPPORT AS					
	10	096-4480	1	CLAMP					

H90755E 01

242-6771 LINES GP-BUCKET CYLINDER
Part of 242-6769-Page354
An Attachment

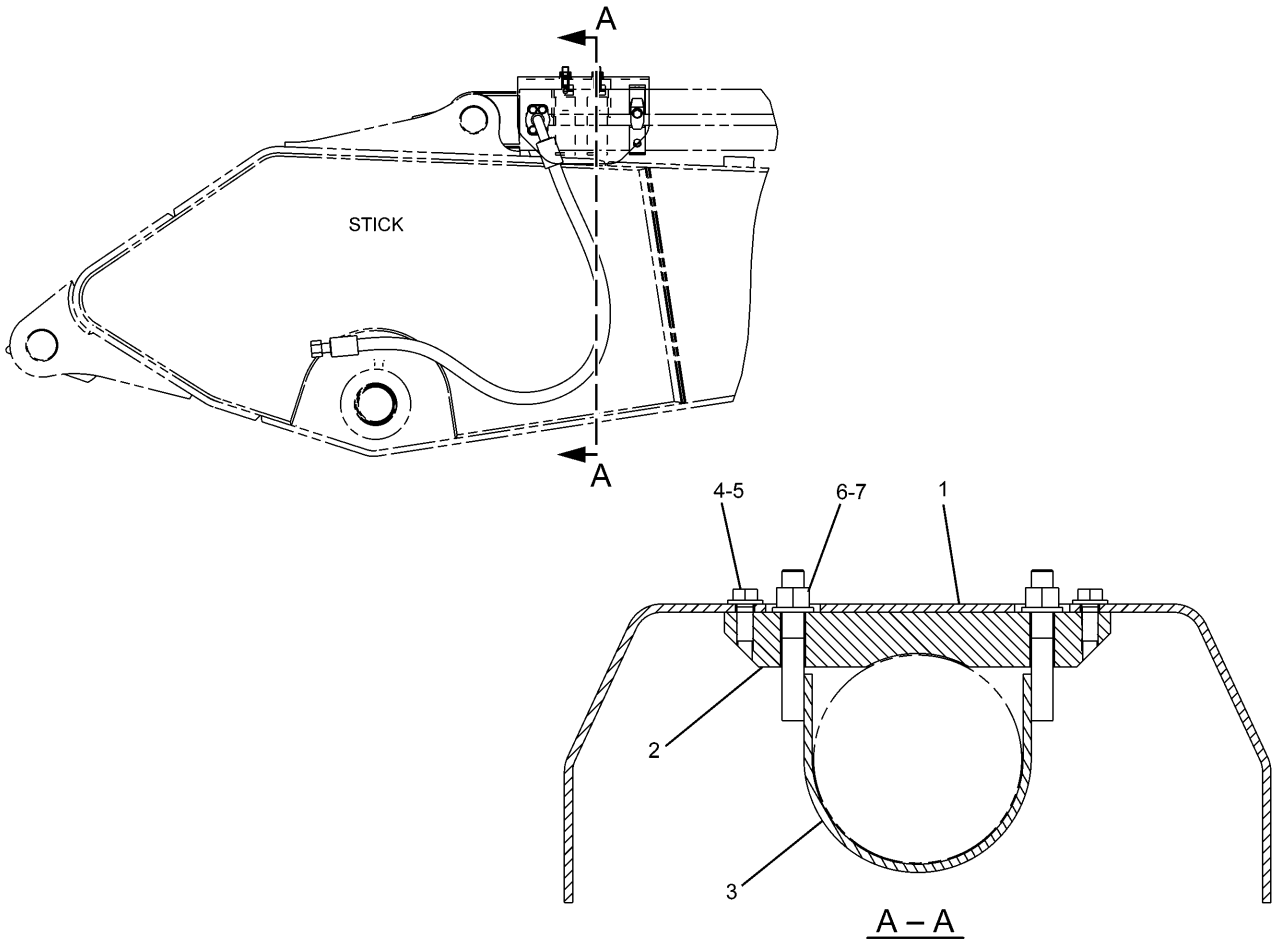


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	116-9129	1	TUBE AS					
	2	4J-5267	2	SEAL-O-RING (ID=24.99mm)					
	3	8T-4185	4	BOLT (L=50mm)					
	4	8T-4121	12	WASHER					
	5	8T-4195	8	BOLT (L=30mm)					
	6	7Y-6442	1	TUBE AS					
	7	7Y-6510	1	SUPPORT AS					
	8	7Y-4868	2	CLIP					
	9	8T-4139	2	BOLT (L=30mm)					
	10	8T-4223	2	WASHER					
	11	7Y-6511	1	SUPPORT AS					

H53090E 00

127-6797 LINES GP-BUCKET CYLINDER

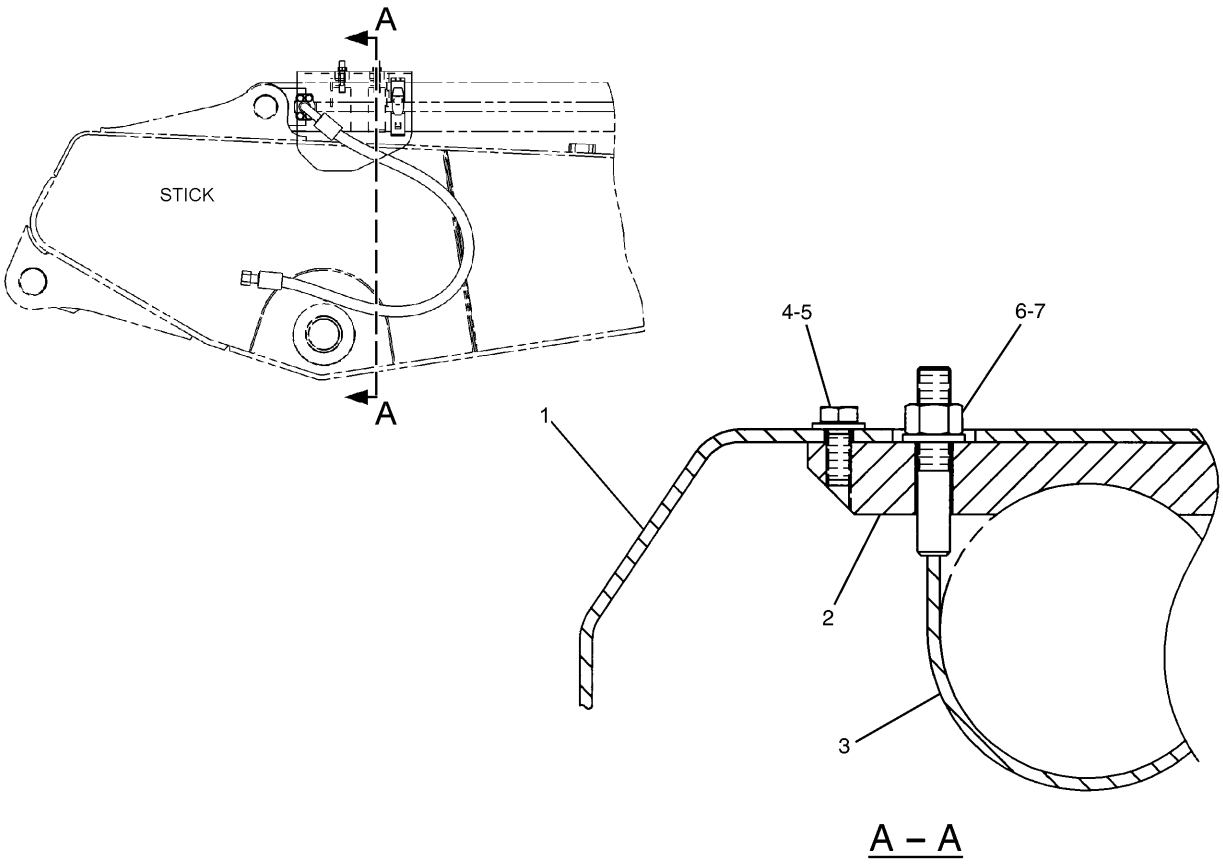
Long Reach Front
S/N DFB 1-Up
Part of 253-6664-Page354
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	274-2504	1	GUARD AS					
	2	274-2545	2	SUPPORT					
	3	274-2544	2	SUPPORT AS					
	4	8T-4139	4	BOLT (L=30mm)					
	5	8T-4223	4	WASHER					
	6	9X-8257	4	WASHER					
	7	8T-4132	4	NUT					

H90534E 00

274-2503 GUARD GP-CYLINDER
An Attachment



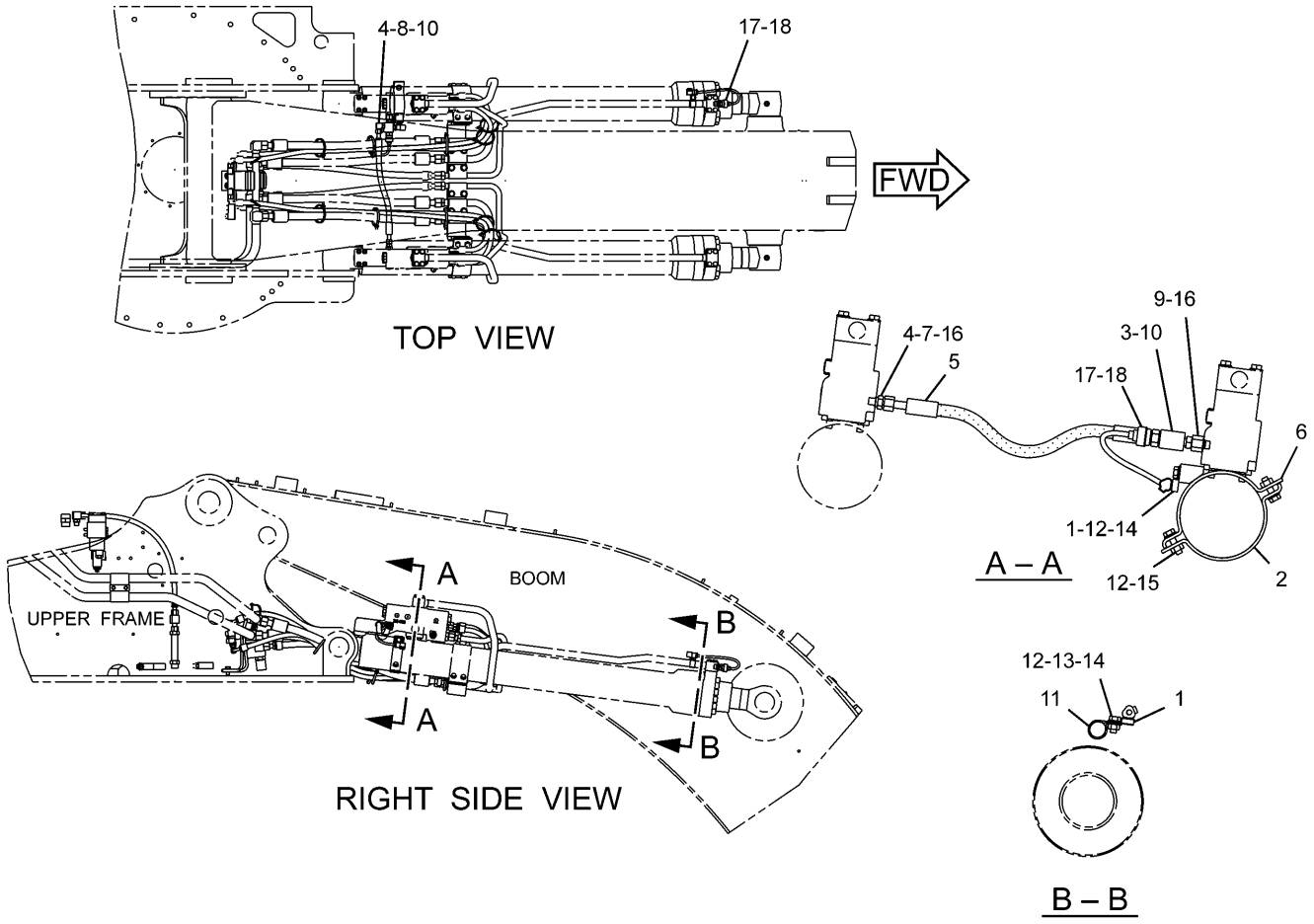
A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	191-3226	1	GUARD AS					
	2	214-4533	2	SUPPORT					
	3	214-4534	2	SUPPORT AS					
	4	8T-4139	4	BOLT (L=30mm)					
	5	8T-4223	4	WASHER					
	6	9X-8257	4	WASHER					
	7	8T-4132	4	NUT					

H90535E 00

266-8035 GUARD GP-CYLINDER
An Attachment

HYDRAULIC SYSTEM

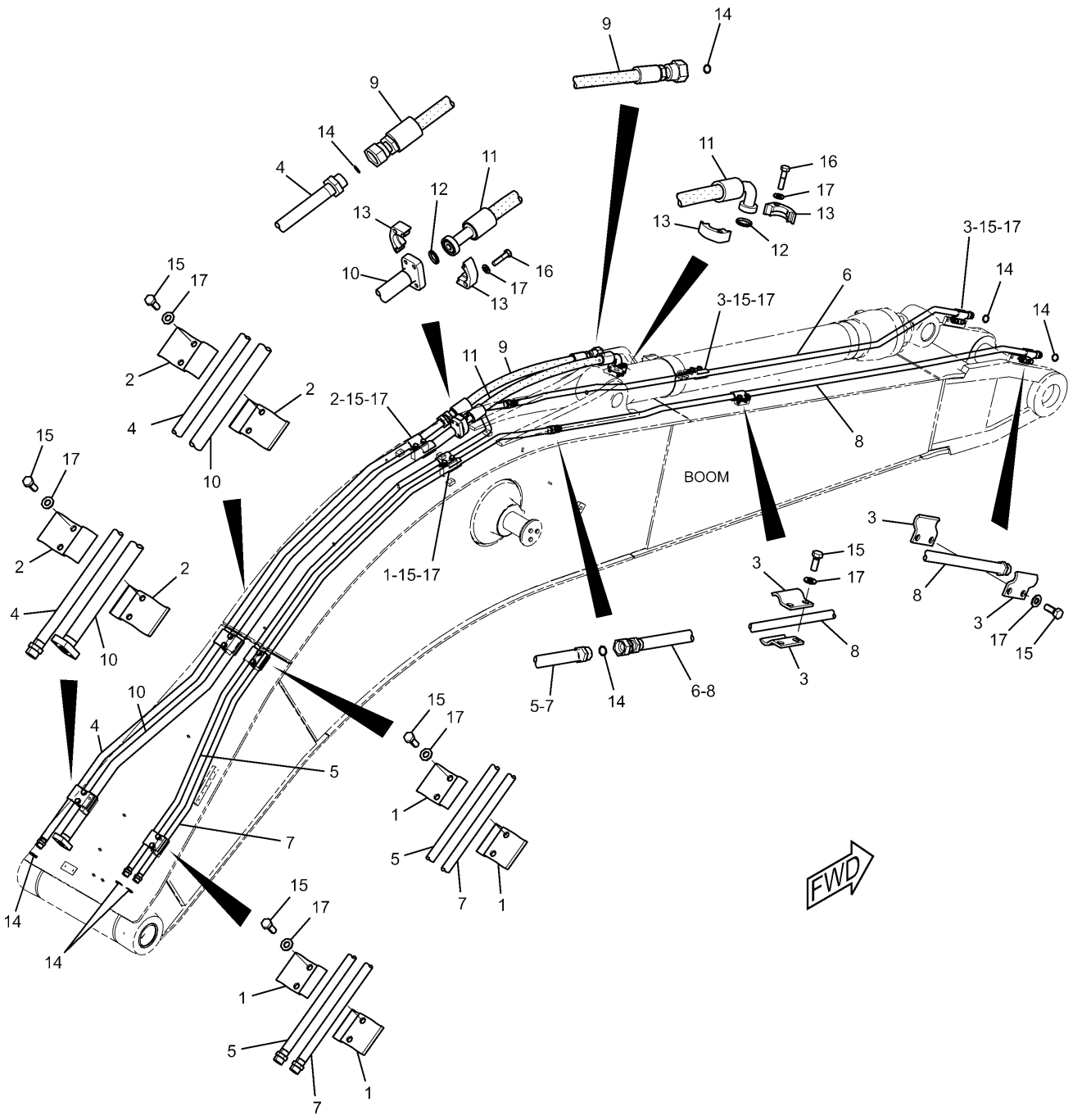


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	116-0118	2	CLIP					
	2	122-5500	1	SUPPORT AS					
	3	220-9729	1	FITTING					
	4	6V-8397	2	SEAL-O-RING (OD=12.83mm)					
	5	223-7045	1	HOSE AS					
	6	272-4190	1	SUPPORT AS					
	7	6V-9872	1	CONNECTOR					
	8	6V-8724	1	ELBOW					
	9	8T-2353	1	ADAPTER					
	10	3J-1907	2	SEAL-O-RING (ID=11.89mm)					
	11	7C-4354	1	CLIP					
	12	8T-4121	4	WASHER					
	13	8T-4133	1	NUT					
	14	8T-4137	2	BOLT (L=20mm)					
	15	8T-4196	2	BOLT (L=35mm)					
	16	3J-7354	2	SEAL-O-RING (ID=8.92mm)					
	17	221-8859	2	SENSOR AS					
	18	3K-0360	2	SEAL-O-RING (ID=16.36mm)					

H93354E 00

272-4171 LINES GP-SENSOR

S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment



260-8010 LINES GP-BOOM
Part of 240-3828,240-3830-Page731
An Attachment

HYDRAULIC SYSTEM

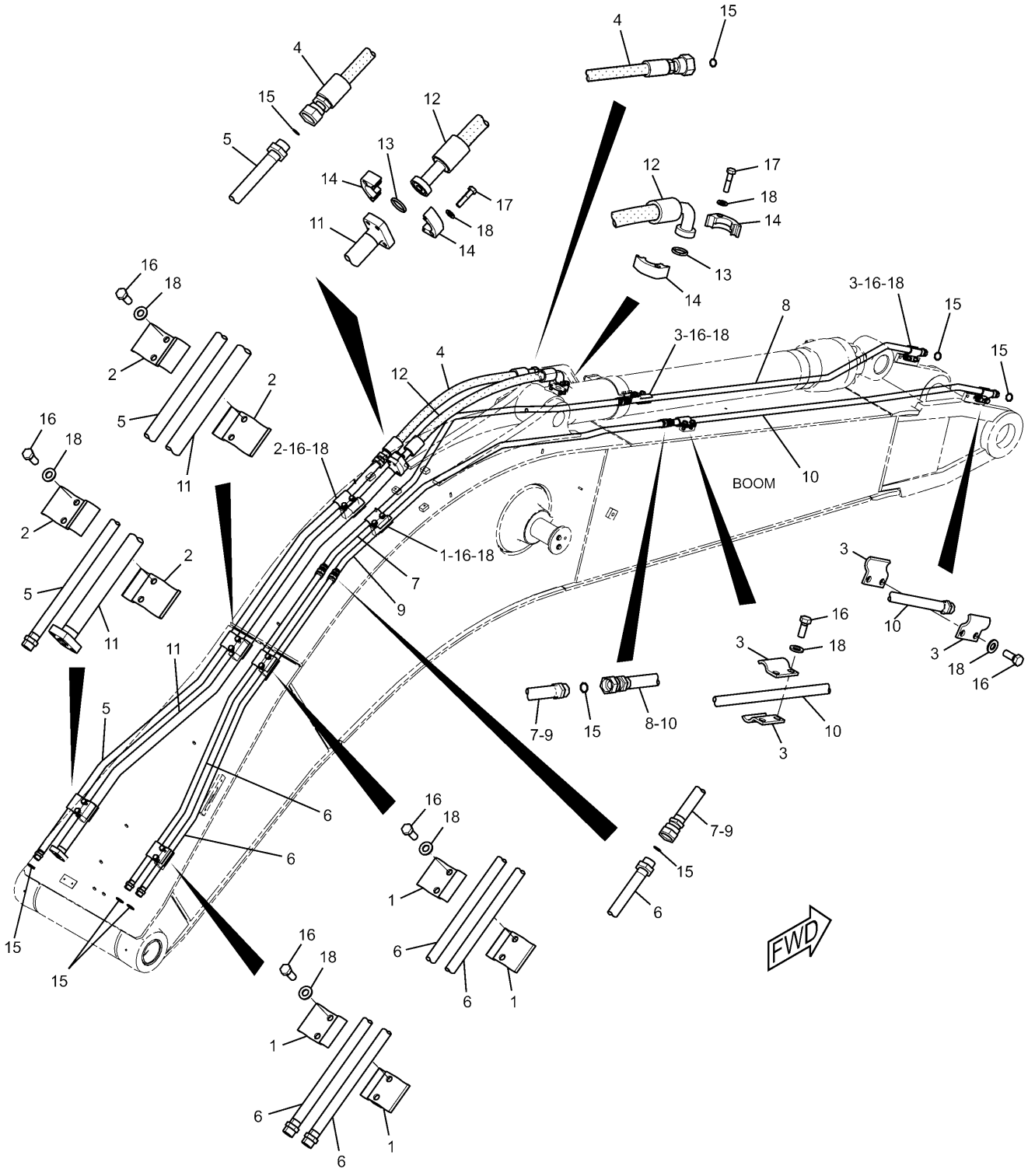
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-1674	6	CLIP					
	2	4I-1676	6	CLIP					
	3	7Y-4868	8	CLIP					
	4	307-5034	1	TUBE AS					
	5	202-3855	1	TUBE AS					
	6	202-3856	1	TUBE AS					
	7	202-3857	1	TUBE AS					
	8	202-3858	1	TUBE AS					
	9	202-6996	1	HOSE AS					
	10	260-8315	1	TUBE AS					
	11	260-8316	1	HOSE AS					
	12	1P-3703	2	SEAL					
	13	6V-0400	4	FLANGE					
	14	6V-9746	9	SEAL-O-RING (OD=22.50mm)					
	15	8T-4139	20	BOLT (L=30mm)					
	16	8T-4184	8	BOLT (L=45mm)					
	17	8T-4223	28	WASHER					

H98504E 02

260-8010 LINES GP-BOOM

Part of 240-3828,240-3830-Page731

An Attachment



239-1732 LINES GP-BOOM
S/N BWZ 1-Up, DFB 1-Up
Part of 240-3833-Page732
An Attachment

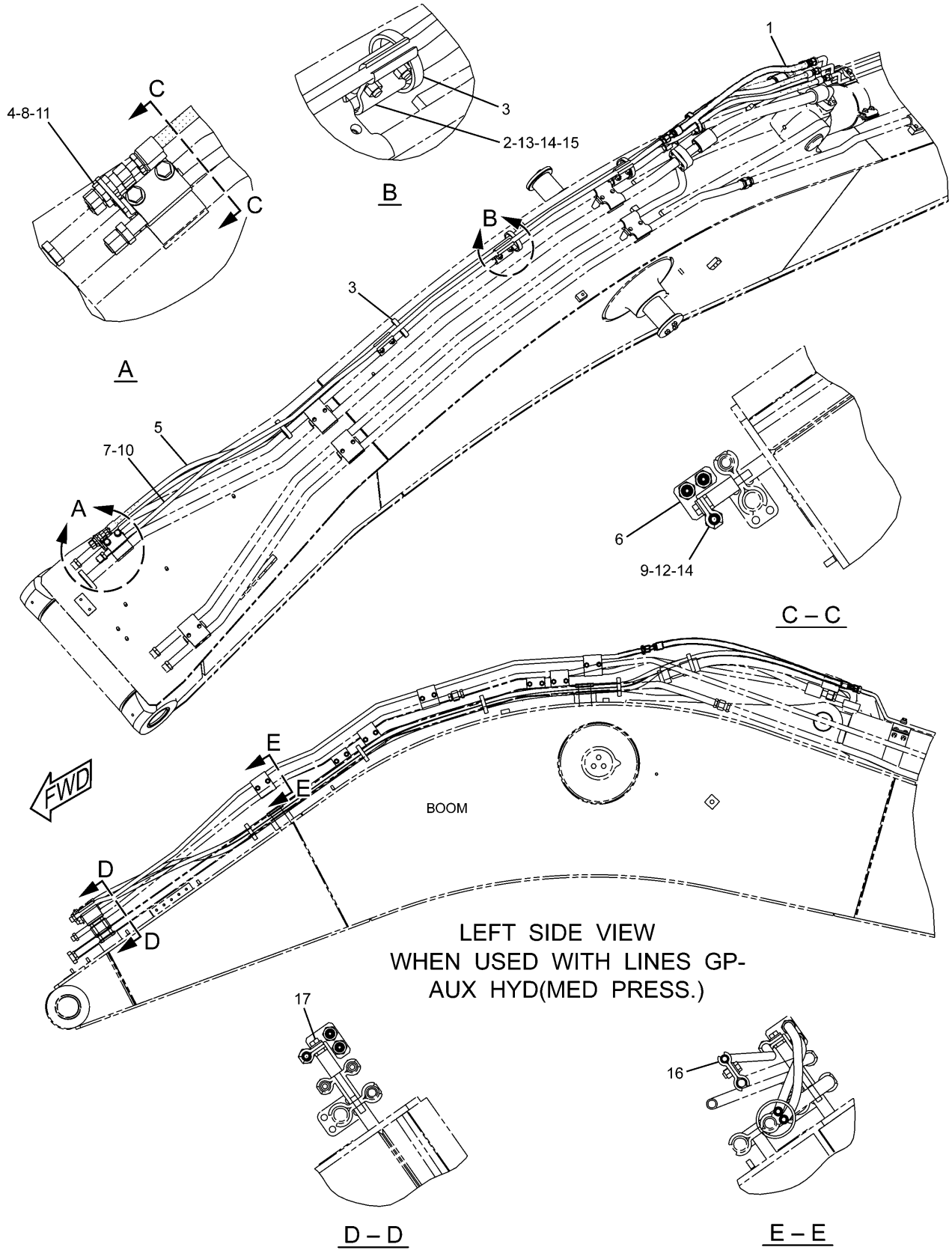
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-1674	6	CLIP					
	2	4I-1676	6	CLIP					
	3	7Y-4868	8	CLIP					
	4	151-1846	1	HOSE AS					
	5	307-5035	1	TUBE AS					
	6	184-9253	2	TUBE AS					
	7	184-9254	1	TUBE AS					
	8	184-9255	1	TUBE AS					
	9	184-9256	1	TUBE AS					
	10	184-9257	1	TUBE AS					
	11	260-8320	1	TUBE AS					
	12	260-8321	1	HOSE AS					
	13	1P-3703	2	SEAL					
	14	6V-0400	4	FLANGE					
	15	6V-9746	11	SEAL-O-RING (OD=22.50mm)					
	16	8T-4139	20	BOLT (L=30mm)					
	17	8T-4184	8	BOLT (L=45mm)					
	18	8T-4223	28	WASHER					

H98505E 02

239-1732 LINES GP-BOOM

S/N BWZ 1-Up, DFB 1-Up
Part of 240-3833-Page732
An Attachment



H98355E 07

242-6505 LINES GP-BOOM
R-Boom/Stick Lowering Control
S/N BWZ 1-Up, DFB 1-Up
Part of 239-8677-Page447
An Attachment

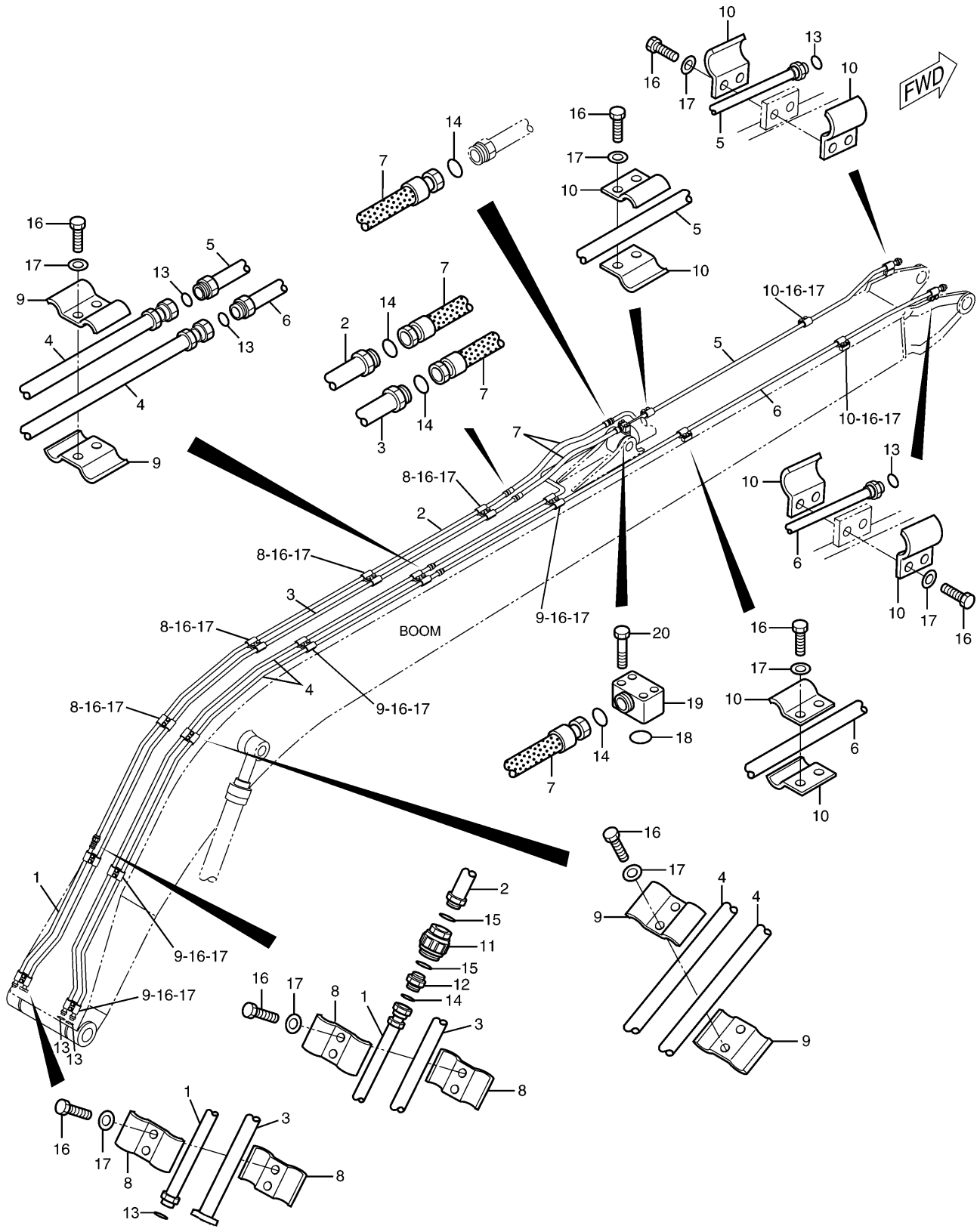
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5I-4393	1	HOSE AS					
	2	5Q-4213	6	CLIP					
	3	7K-1181	5	STRAP					
	4	6V-8397	2	SEAL-O-RING (OD=12.83mm)					
	5	268-6850	2	HOSE AS					
	6	282-5567	1	PLATE					
	7	288-7410	1	PIPE AS					
	8	6V-8994	2	UNION					
	9	5Q-4212	2	CLIP					
	10	6V-8398	2	SEAL-O-RING (OD=16.03mm)					
	11	6V-9168	2	NUT					
	12	7X-2549	2	BOLT (L=100mm)					
	13	8T-4139	6	BOLT (L=30mm)					
	14	8T-4223	8	WASHER					
	15	8T-4244	6	NUT					
	16	179-5030	6	CLIP					
	17	8T-7930	2	BOLT (L=160mm)					

H98355E 07

242-6505 LINES GP-BOOM

R-Boom/Stick Lowering Control
S/N BWZ 1-Up, DFB 1-Up
Part of 239-8677-Page447
An Attachment



268-7046 LINES GP-BOOM

S/N DFB 1-Up
Part of 302-9207-Page740
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	268-7047	1	TUBE AS					
	2	268-7048	1	TUBE AS					
	3	268-7049	1	TUBE AS					
	4	268-7238	2	TUBE AS					
	5	268-7039	1	TUBE AS					
	6	268-7240	1	TUBE AS					
	7	7Y-8036	2	HOSE AS					
	8	4I-1676	12	CLIP					
	9	4I-1674	12	CLIP					
	10	7Y-4868	12	CLIP					
	11	4I-8789	1	VALVE GP					
	12	6V-8635	1	CONNECTOR					
	13	6V-9746	7	SEAL-O-RING (OD=22.50mm)					
	14	5K-9090	5	SEAL-O-RING (OD=27.22mm)					
	15	7M-8485	2	SEAL-O-RING (ID=29.74mm)					
	16	8T-4139	36	BOLT (L=30mm)					
	17	8T-4223	36	WASHER					
	18	1P-3704	1	SEAL					
	19	6I-6721	1	ELBOW					
	20	8T-4648	4	BOLT (L=70mm)					

H90349E 00

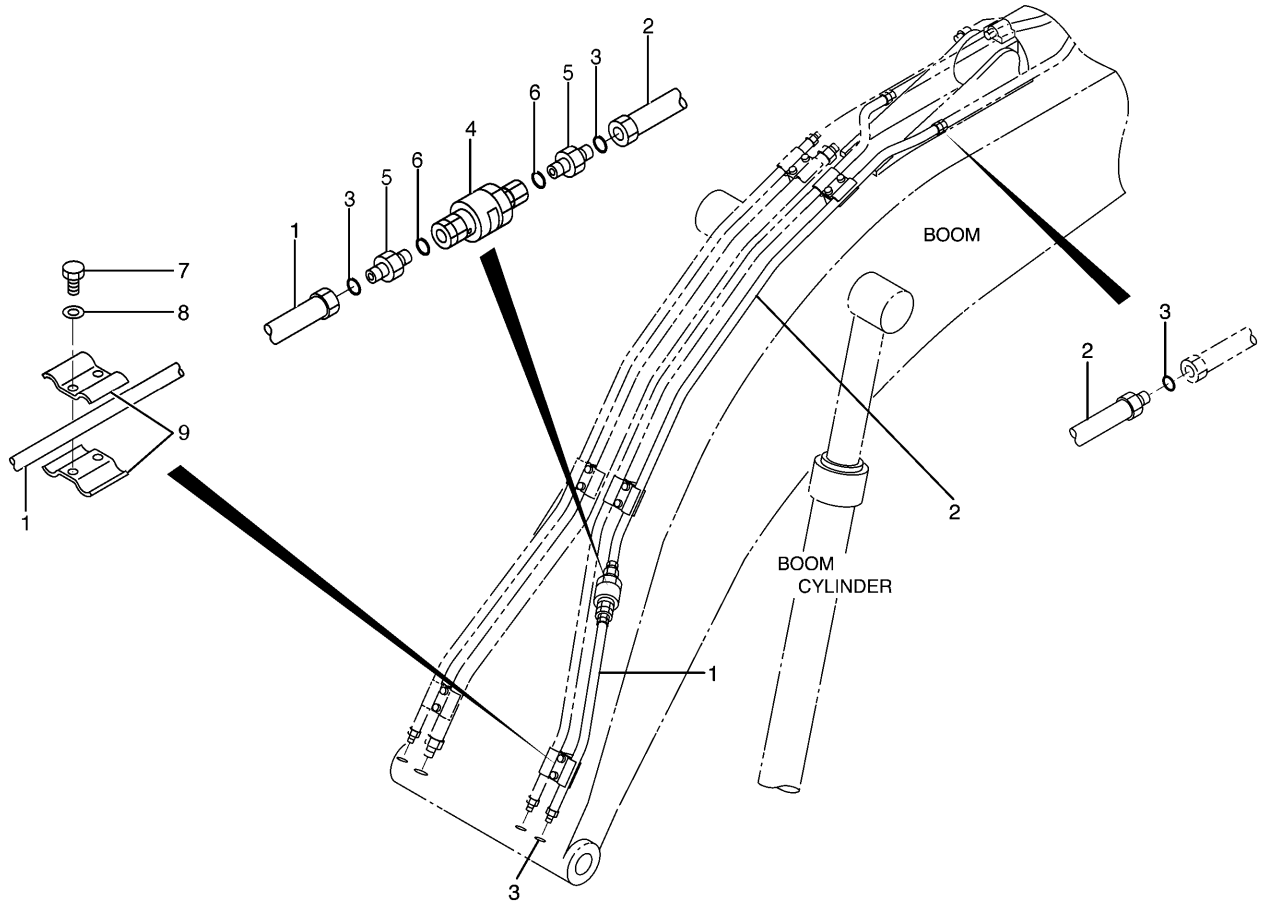
268-7046 LINES GP-BOOM

S/N DFB 1-Up

Part of 302-9207-Page740

An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	179-5227	1	TUBE AS					
	2	210-9827	1	TUBE AS					
	3	6V-9746	4	SEAL-O-RING (OD=22.50mm)					
Y	4	127-6844	1	VALVE GP					
	5	6V-8716	2	CONNECTOR					
	6	7M-8485	2	SEAL-O-RING (ID=29.74mm)					
	7	8T-4139	6	BOLT (L=30mm)					
	8	8T-4223	6	WASHER					
	9	4I-1674	6	CLIP					
				THE FOLLOWING REPAIR					
				KIT IS AVAILABLE:					
Y		193-6588	1	SERVICE KIT					

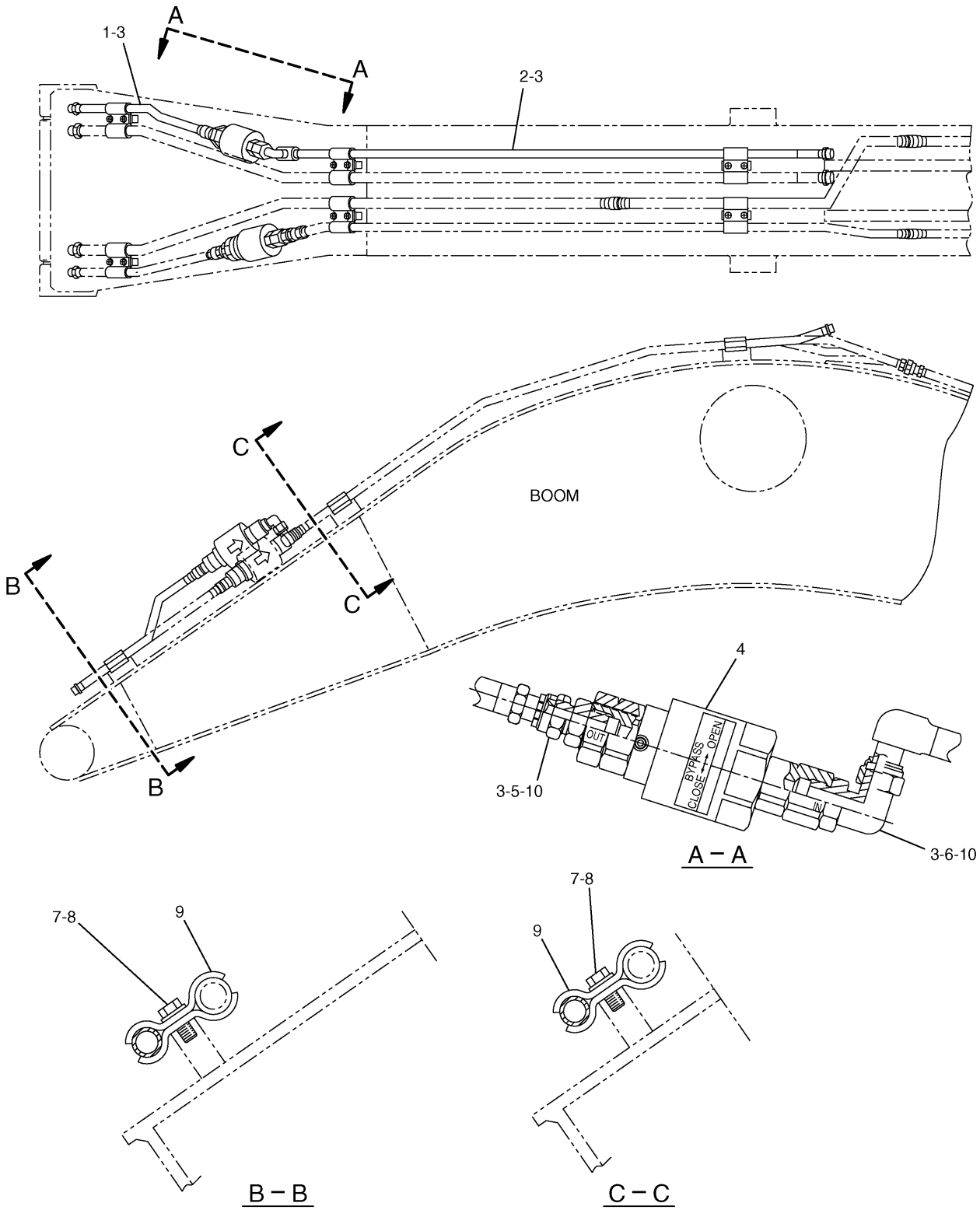
Y—SEE SEPARATE ILLUSTRATION

H83532E 04

179-5146 LINES GP-BOOM

S/N DFB 1-Up
193-6588-Page402,127-6844-Page596
An Attachment

MEMORANDA



H77786E 00

193-6588 SERVICE KIT
Part of 179-5146-Page400
127-6844-Page596
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	193-6589	1	TUBE AS					
	2	193-6590	1	TUBE AS					
	3	6V-9746	4	SEAL-O-RING (OD=22.50mm)					
Y	4	127-6844	1	VALVE GP					
	5	6V-8716	1	CONNECTOR					
	6	6V-9182	1	ELBOW					
	7	8T-4139	6	BOLT (L=30mm)					
	8	8T-4223	6	WASHER					
	9	4I-1676	6	CLIP					
	10	7M-8485	2	SEAL-O-RING (ID=29.74mm)					

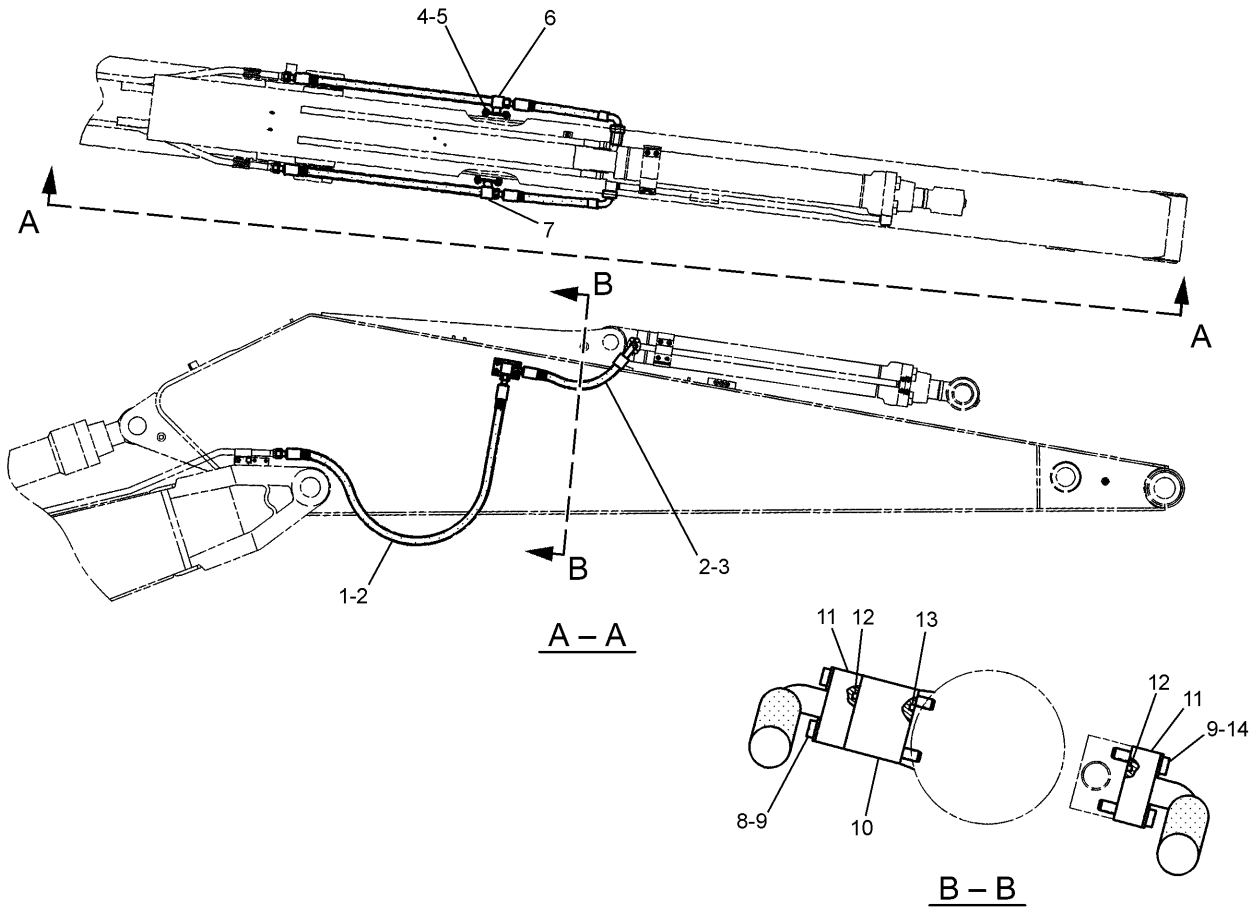
Y—SEE SEPARATE ILLUSTRATION

H77786E 00

193-6588 SERVICE KIT

Part of 179-5146-Page400
127-6844-Page596
An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	102-1279	2	HOSE AS					
	2	6V-9746	4	SEAL-O-RING (OD=22.50mm)					
	3	187-6696	2	HOSE AS					
	4	8T-4223	8	WASHER					
	5	8T-4179	8	BOLT (L=20mm)					
	6	102-1291	1	ELBOW AS					
	7	102-1120	1	ELBOW AS					
	8	8T-4198	4	BOLT (L=100mm)					
	9	8T-4121	8	WASHER					
	10	5I-4174	1	BLOCK					
	11	1P-5765	4	FLANGE					
	12	1P-3702	2	SEAL					
	13	1P-3703	1	SEAL					
	14	8T-4182	4	BOLT (L=45mm)					

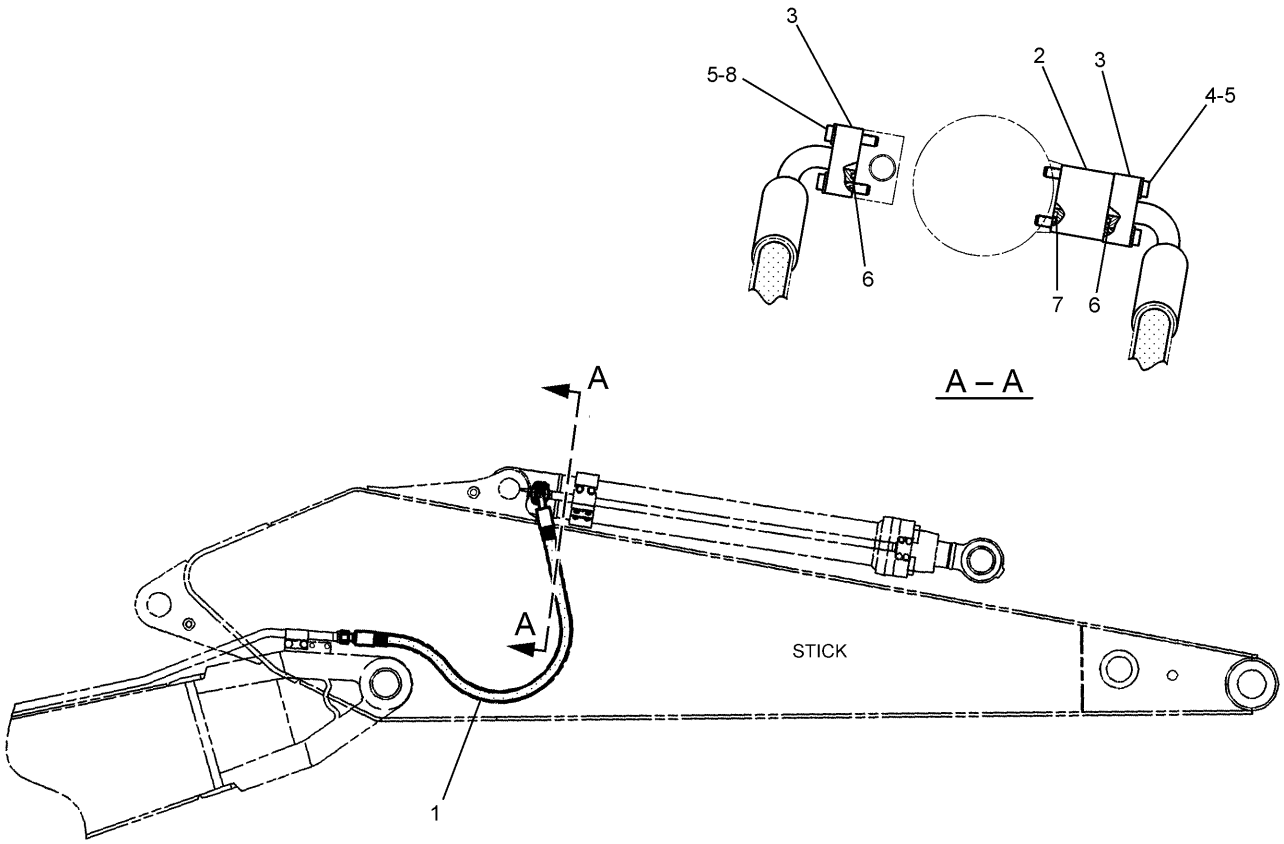
H89762E 00

187-5976 LINES GP-STICK

R3.9B Stick

Part of 240-3845-Page733

An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-8785	2	HOSE AS					
	2	5I-4174	1	BLOCK					
	3	1P-5765	4	FLANGE					
	4	8T-4198	4	BOLT (L=100mm)					
	5	8T-4121	8	WASHER					
	6	1P-3702	2	SEAL					
	7	1P-3703	1	SEAL					
	8	8T-4182	4	BOLT (L=45mm)					

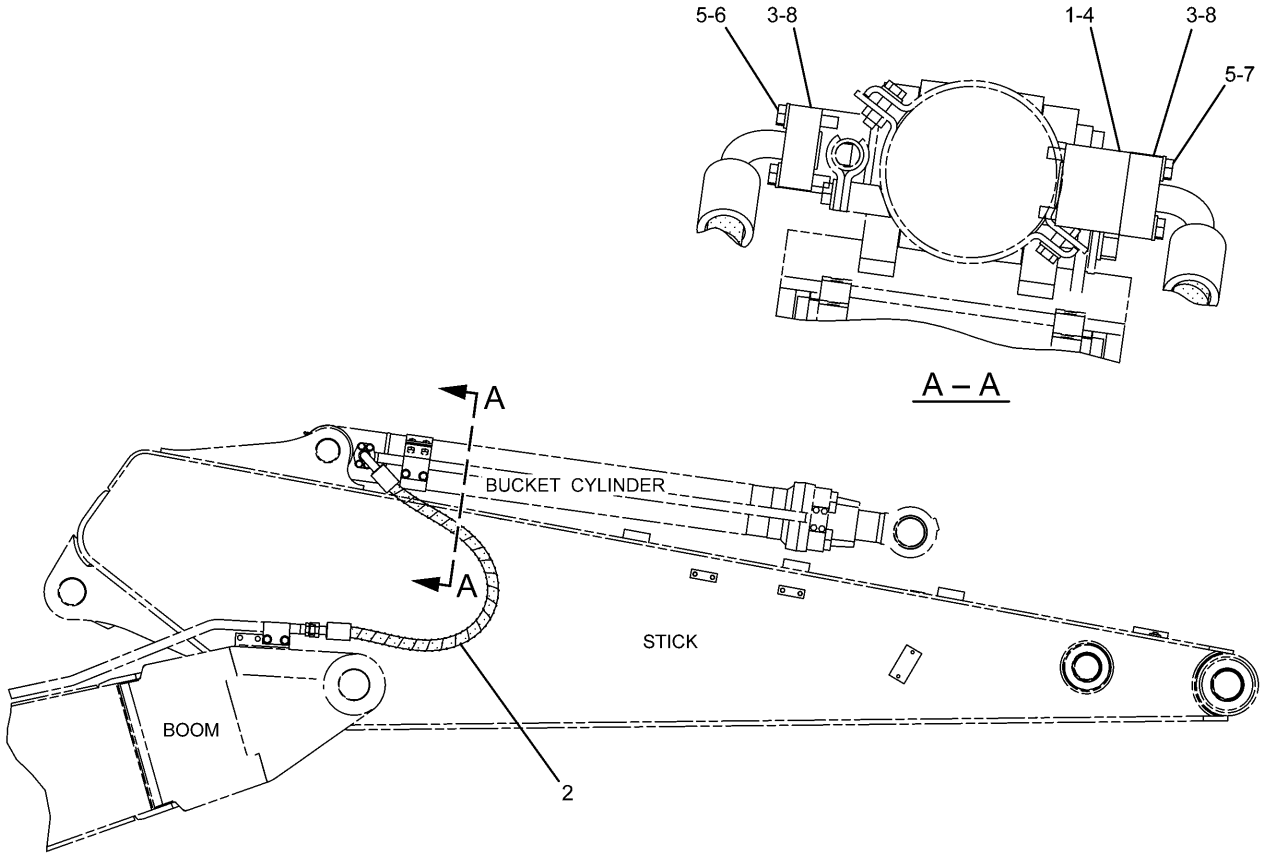
H89745E 00

187-5693 LINES GP-STICK

R2.9B Stick

Part of 240-3839-Page733,240-3849,240-3851-Page734,240-3852-Page735

An Attachment

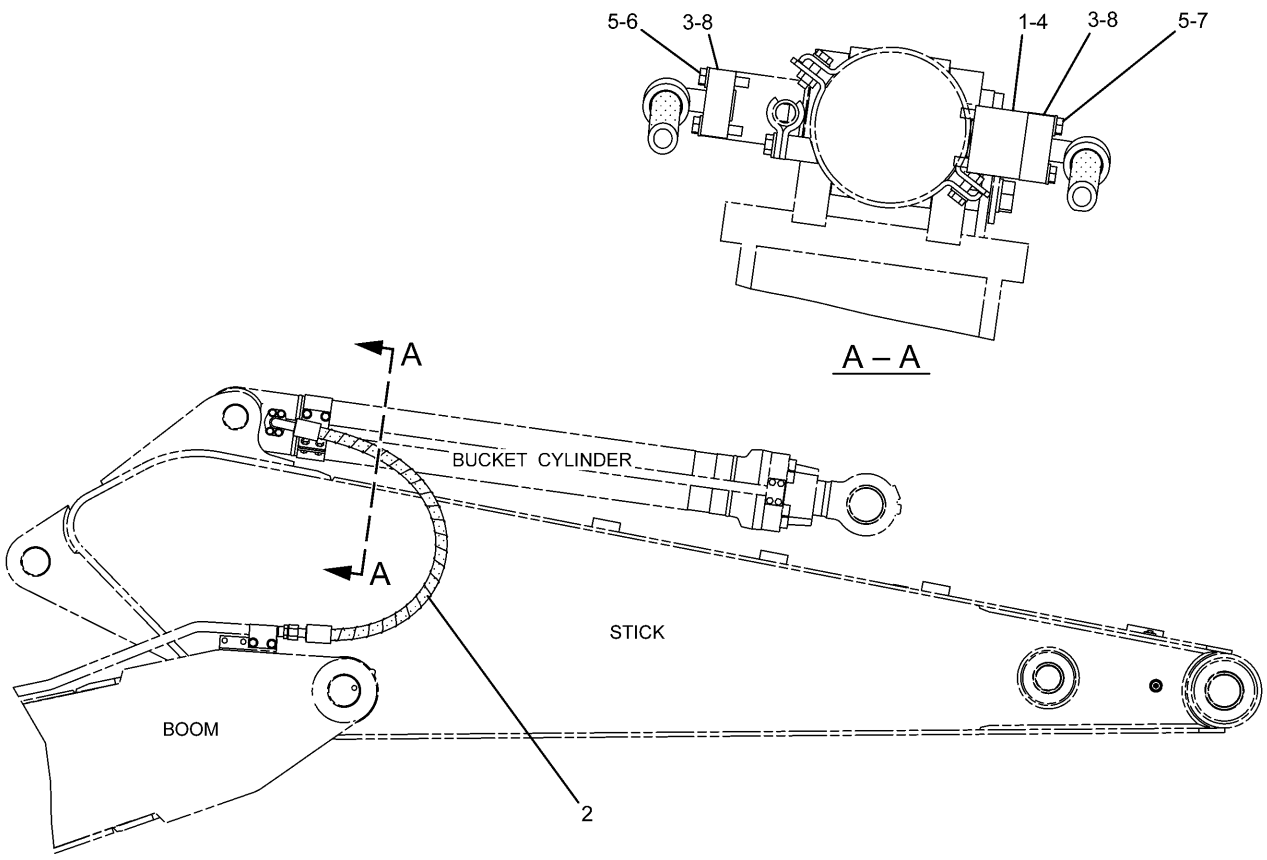


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5I-4174	1	BLOCK					
	2	187-6058	2	HOSE AS					
	3	1P-3702	2	SEAL					
	4	1P-3703	1	SEAL					
	5	8T-4121	8	WASHER					
	6	8T-4182	4	BOLT (L=45mm)					
	7	8T-4198	4	BOLT (L=100mm)					
	8	8T-9403	4	FLANGE					

H89636E 00

260-8011 LINES GP-STICK
Part of 240-3882-Page735,240-3854-Page736
An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5I-4174	1	BLOCK					
	2	187-6058	2	HOSE AS					
	3	1P-3702	2	SEAL					
	4	1P-3703	1	SEAL					
	5	8T-4121	8	WASHER					
	6	8T-4182	4	BOLT (L=45mm)					
	7	8T-4198	4	BOLT (L=100mm)					
	8	8T-9403	4	FLANGE					

H92316E 00

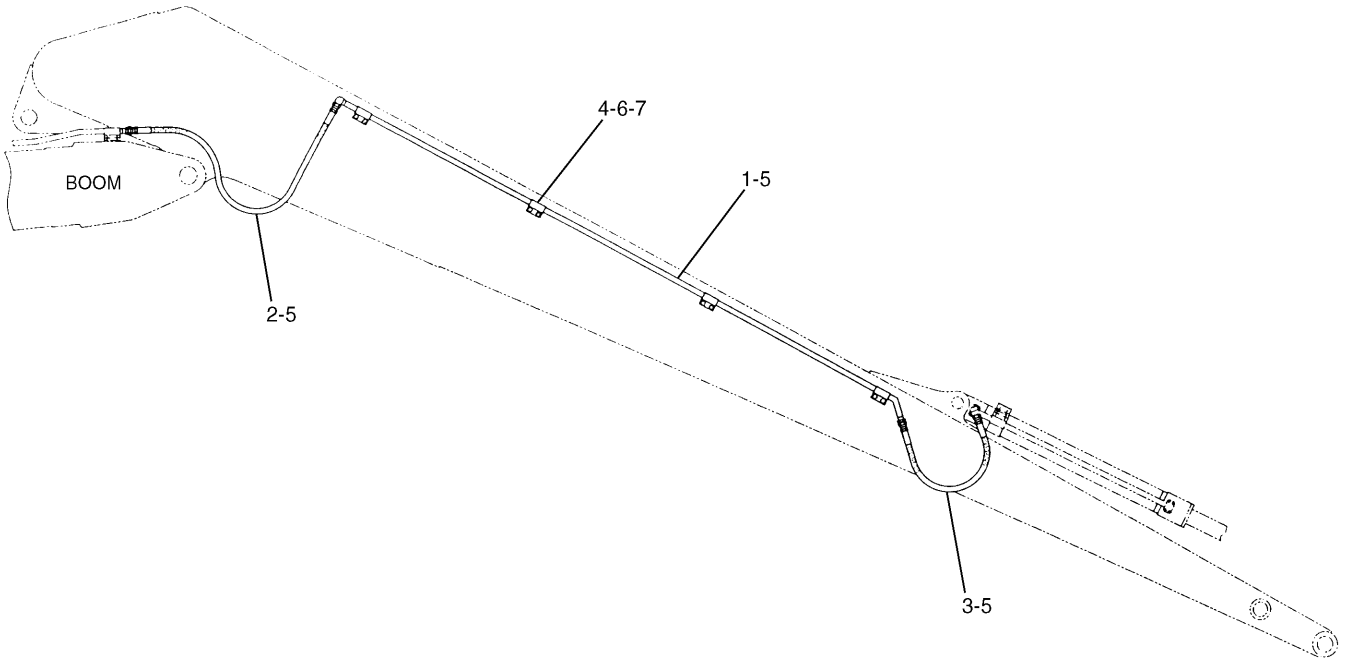
248-9633 LINES GP-STICK

M2.4CB Stick

Part of 240-3846-Page736

An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5I-7233	2	TUBE AS					
	2	4I-5556	2	HOSE AS					
E		5P-0200		HOSE…(147cm)					
		5P-1027	2	SLEEVE					
E		6V-0745		GUARD…(203cm)					
		7X-1451	2	STEM AS (STRAIGHT)					
	3	7Y-7904	2	HOSE AS					
E		5P-0200		HOSE…(73cm)					
		5P-1027	2	SLEEVE					
		7X-1451	2	STEM AS (STRAIGHT)					
	4	7Y-4868	16	CLIP					
	5	6V-9746	8	SEAL-O-RING (OD=22.50mm)					
	6	8T-4139	16	BOLT (L=30mm)					
	7	8T-4223	16	WASHER					

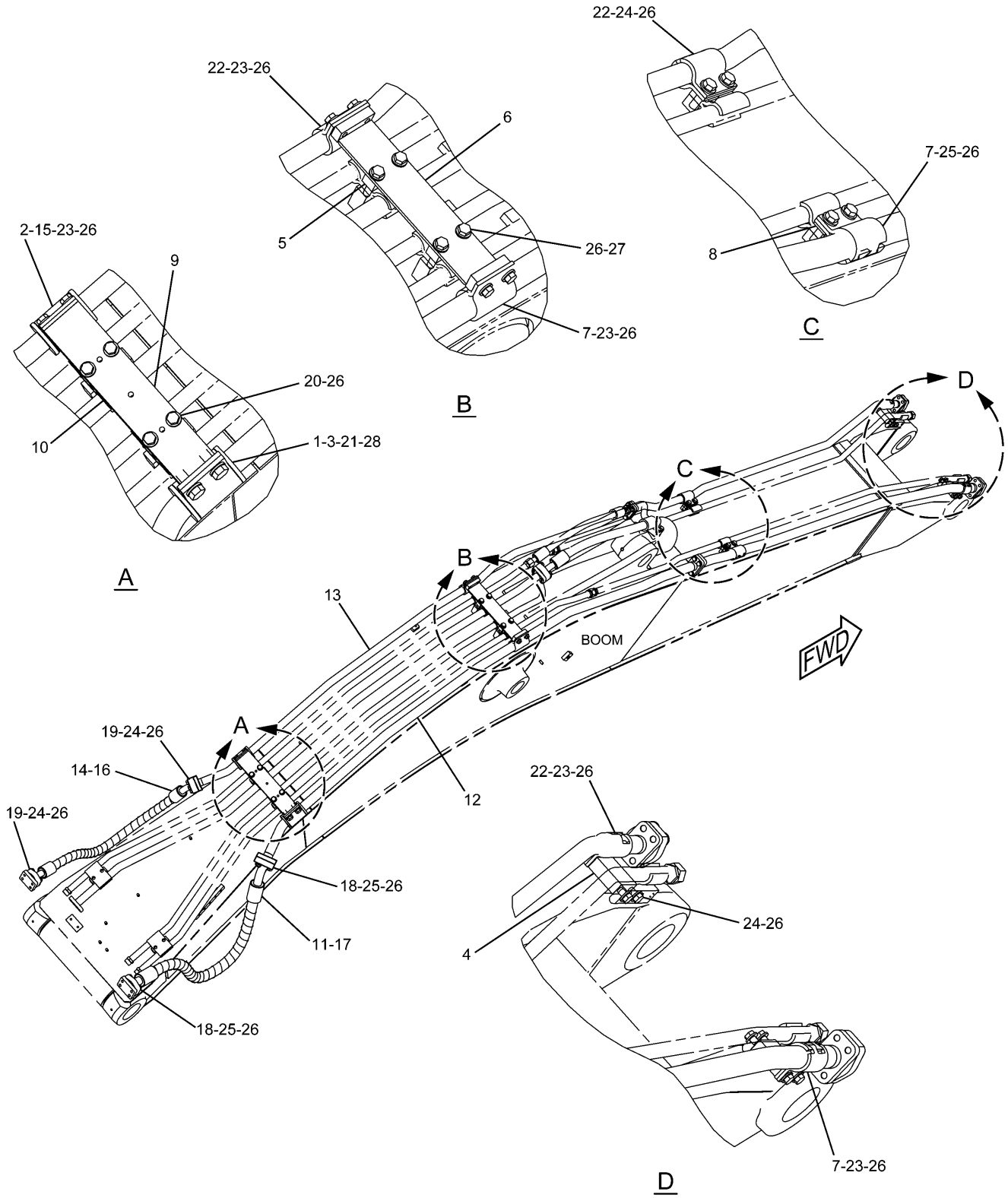
E—ORDER BY THE CENTIMETER

H53107E 00

127-6624 LINES GP-STICK

Long Reach Front
S/N DFB 1-Up
Part of 302-9207-Page740
An Attachment

MEMORANDA



H98506E 05

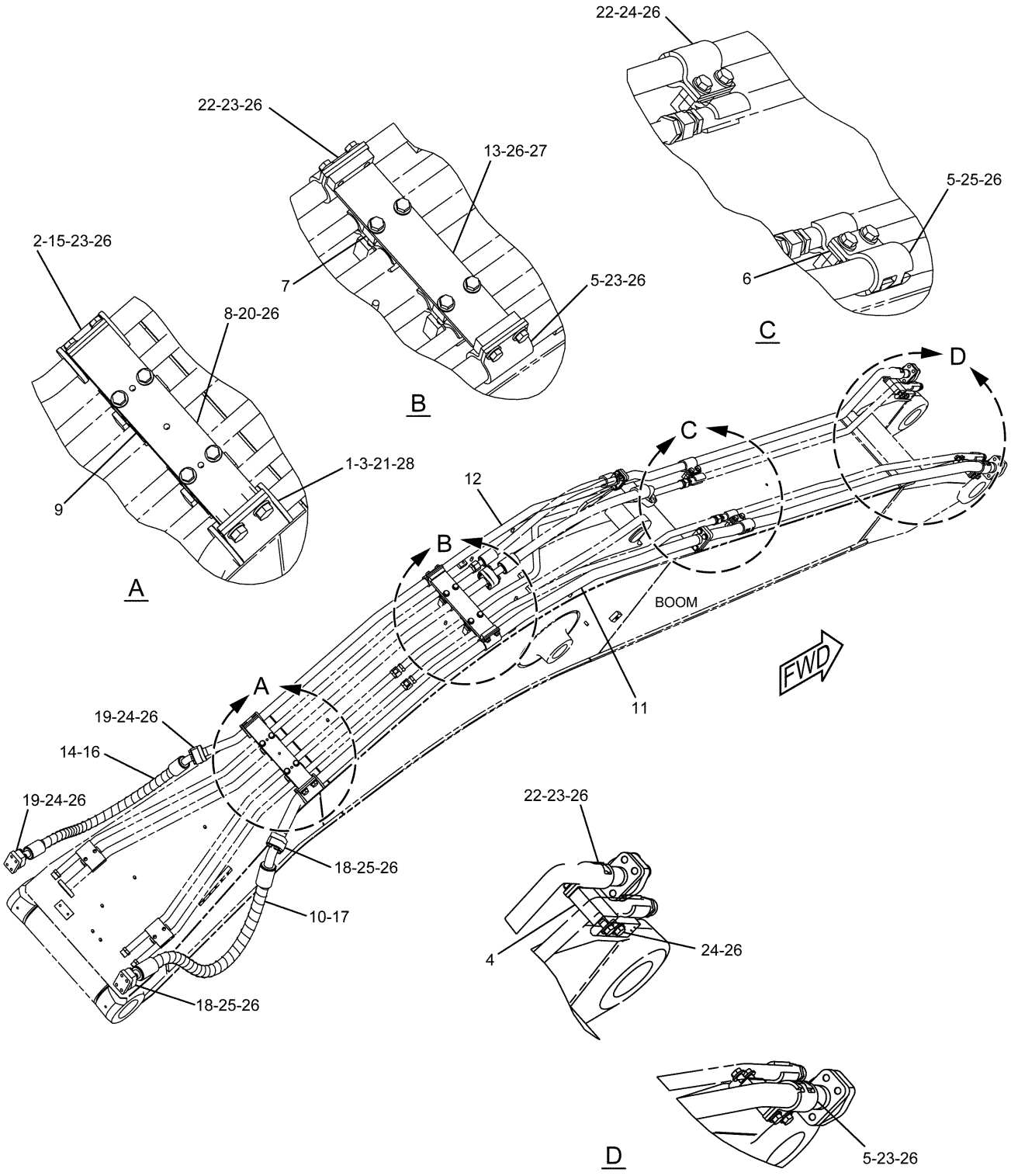
242-6475 LINES GP-AUXILIARY HYDRAULIC
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	124-1107	1	GROMMET					
	2	129-5874	1	GROMMET					
	3	138-5708	2	CLIP					
	4	153-8798	2	PLATE					
	5	193-6606	2	PLATE					
	6	277-0786	1	SUPPORT AS					
	7	173-7916	6	CLAMP					
	8	173-7995	1	PLATE					
	9	202-7127	1	PLATE					
	10	202-7128	2	PLATE					
	11	216-6589	1	HOSE AS					
	12	306-1611	1	TUBE GP					
	13	247-9030	1	TUBE GP					
	14	288-7502	1	HOSE AS					
	15	124-1108	2	CLIP					
	16	1P-3703	2	SEAL					
	17	1P-3704	2	SEAL					
	18	1P-5767	4	FLANGE					
	19	6V-0400	4	FLANGE					
	20	7X-2549	4	BOLT (L=100mm)					
	21	7X-2553	2	BOLT (L=40mm)					
	22	7Y-4538	6	CLAMP					
	23	8T-4139	10	BOLT (L=30mm)					
	24	8T-4184	14	BOLT (L=45mm)					
	25	8T-4194	10	BOLT (L=50mm)					
	26	8T-4223	42	WASHER					
	27	8T-4648	4	BOLT (L=70mm)					
	28	9X-8257	2	WASHER					

H98506E 05

242-6475 LINES GP-AUXILIARY HYDRAULIC
An Attachment



H96711E 03

242-6479 LINES GP-AUXILIARY HYDRAULIC
An Attachment

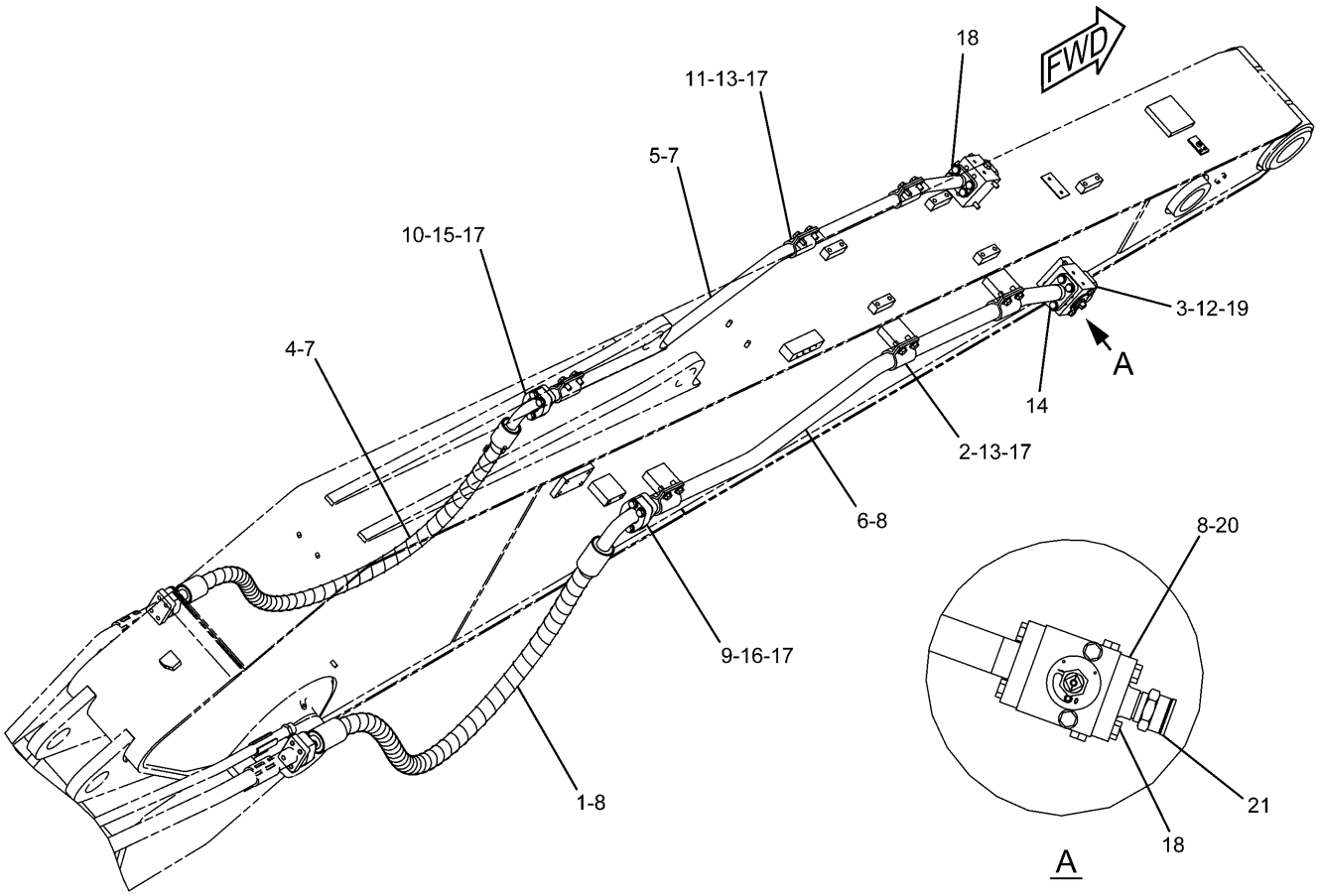
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	124-1107	1	GROMMET					
	2	129-5874	1	GROMMET					
	3	138-5708	2	CLIP					
	4	153-8798	2	PLATE					
	5	173-7916	6	CLAMP					
	6	173-7995	1	PLATE					
	7	193-6606	2	PLATE					
	8	202-7127	1	PLATE					
	9	202-7128	2	PLATE					
	10	216-6589	1	HOSE AS					
	11	226-3065	1	TUBE GP					
	12	268-6966	1	TUBE GP					
	13	277-0786	1	SUPPORT AS					
	14	288-7502	1	HOSE AS					
	15	124-1108	2	CLIP					
	16	1P-3703	2	SEAL					
	17	1P-3704	2	SEAL					
	18	1P-5767	4	FLANGE					
	19	6V-0400	4	FLANGE					
	20	7X-2549	4	BOLT (L=100mm)					
	21	7X-2553	2	BOLT (L=40mm)					
	22	7Y-4538	6	CLAMP					
	23	8T-4139	10	BOLT (L=30mm)					
	24	8T-4184	14	BOLT (L=45mm)					
	25	8T-4194	10	BOLT (L=50mm)					
	26	8T-4223	42	WASHER					
	27	8T-4648	4	BOLT (L=70mm)					
	28	9X-8257	2	WASHER					

H96711E 03

242-6479 LINES GP-AUXILIARY HYDRAULIC
An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	104-8750	1	HOSE AS	B	21	096-1421	2	CAP AS
	2	173-7916	6	CLAMP					
Y	3	277-0954	2	VALVE AS					
	4	253-6621	1	HOSE AS					
	5	262-3402	1	TUBE AS					
	6	262-3403	1	TUBE AS					
	7	1P-3703	3	SEAL					
	8	1P-3704	5	SEAL					
	9	1P-5767	4	FLANGE					
	10	6V-0400	4	FLANGE					
	11	7Y-4538	6	CLAMP					
	12	8T-4121	4	WASHER					
	13	8T-4139	12	BOLT (L=30mm)					
	14	8T-4183	4	BOLT (L=40mm)					
	15	8T-4184	8	BOLT (L=45mm)					
	16	8T-4194	8	BOLT (L=50mm)					
	17	8T-4223	28	WASHER					
	18	8T-4956	12	BOLT (L=35mm)					
	19	8T-6685	4	BOLT (L=110mm)					
	20	135-4063	2	FLANGE					

B—USE AS REQUIRED

Y—SEE SEPARATE ILLUSTRATION

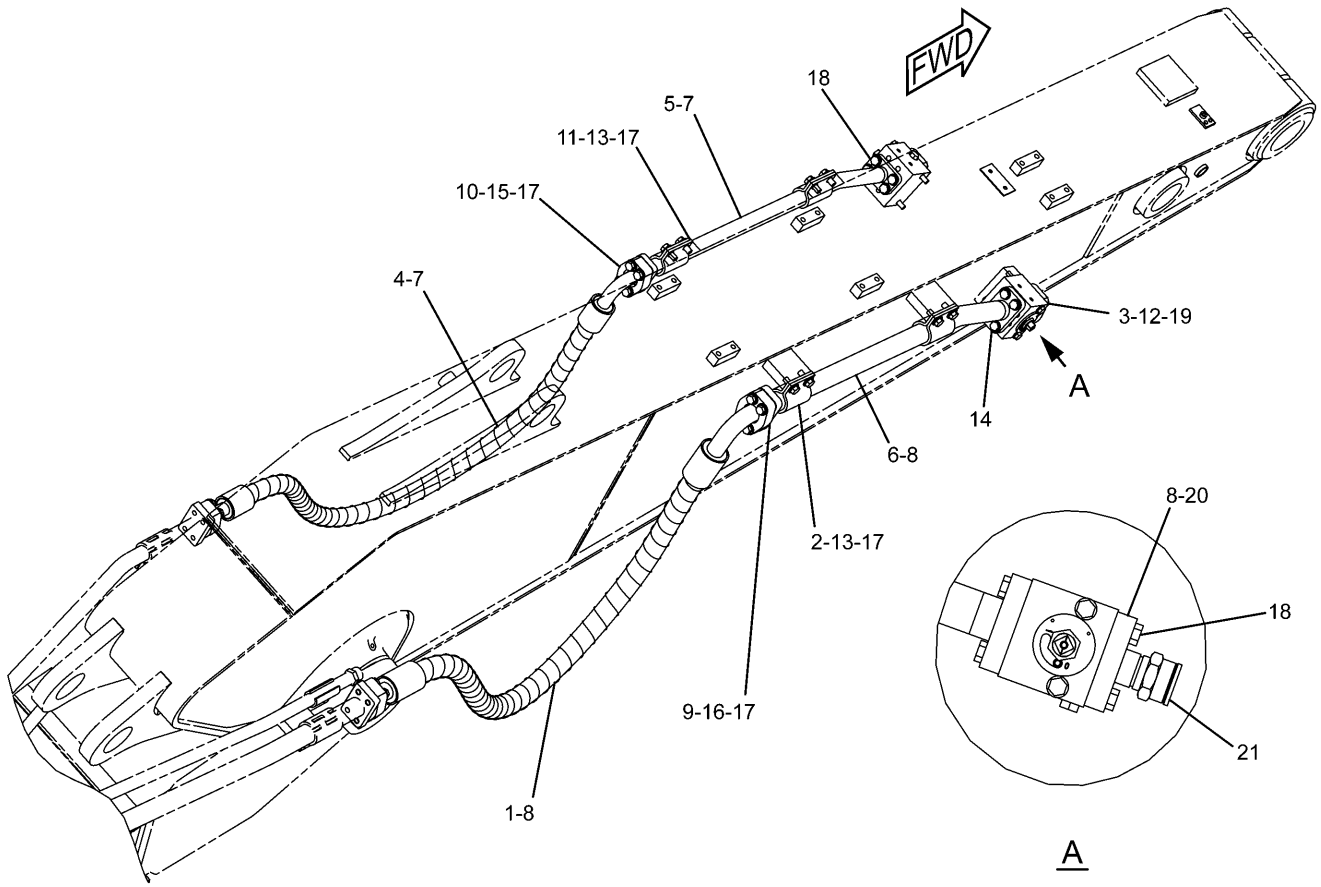
H93079E 01

242-6483 LINES GP-AUXILIARY HYDRAULIC

277-0954-Page602

An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5I-8510	1	HOSE AS	B	21	096-1421	2	CAP AS
	2	173-7916	4	CLAMP					
Y	3	277-0954	2	VALVE AS					
	4	253-6445	1	HOSE AS					
	5	253-6453	1	TUBE AS					
	6	253-6454	1	TUBE AS					
	7	1P-3703	3	SEAL					
	8	1P-3704	5	SEAL					
	9	1P-5767	4	FLANGE					
	10	6V-0400	4	FLANGE					
	11	7Y-4538	4	CLAMP					
	12	8T-4121	4	WASHER					
	13	8T-4139	8	BOLT (L=30mm)					
	14	8T-4183	4	BOLT (L=40mm)					
	15	8T-4184	8	BOLT (L=45mm)					
	16	8T-4194	8	BOLT (L=50mm)					
	17	8T-4223	24	WASHER					
	18	8T-4956	12	BOLT (L=35mm)					
	19	8T-6685	4	BOLT (L=110mm)					
	20	135-4063	2	FLANGE					

B—USE AS REQUIRED

Y—SEE SEPARATE ILLUSTRATION

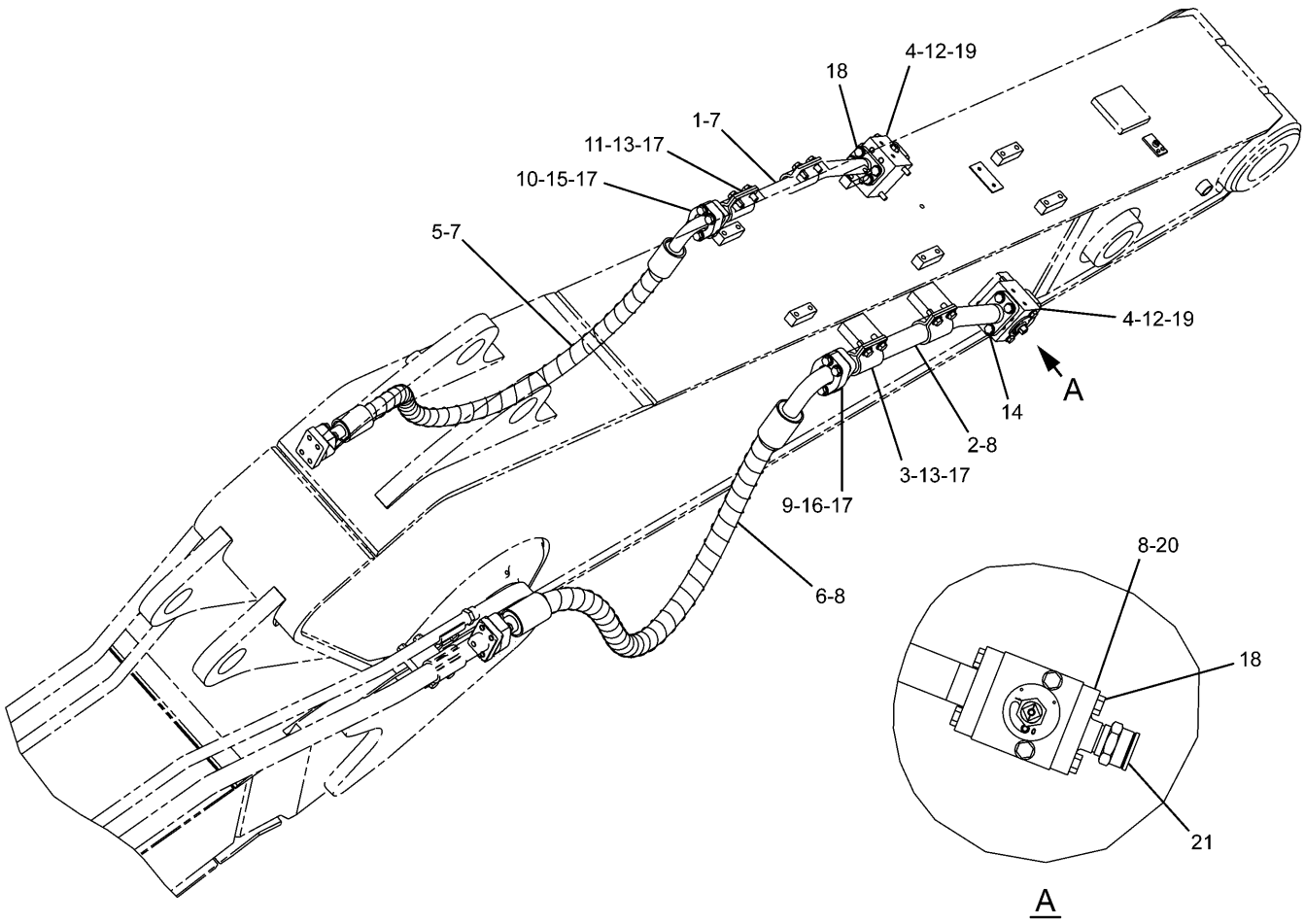
H93080E 02

242-6487 LINES GP-AUXILIARY HYDRAULIC

277-0954-Page602

An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	127-6780	1	TUBE AS	B	21	096-1421	2	CAP AS
	2	142-6582	1	TUBE AS					
	3	173-7916	4	CLAMP					
Y	4	277-0954	2	VALVE AS					
	5	253-6694	1	HOSE AS					
	6	253-6697	1	HOSE AS					
	7	1P-3703	3	SEAL					
	8	1P-3704	5	SEAL					
	9	1P-5767	4	FLANGE					
	10	6V-0400	4	FLANGE					
	11	7Y-4538	4	CLAMP					
	12	8T-4121	4	WASHER					
	13	8T-4139	8	BOLT (L=30mm)					
	14	8T-4183	4	BOLT (L=40mm)					
	15	8T-4184	8	BOLT (L=45mm)					
	16	8T-4194	8	BOLT (L=50mm)					
	17	8T-4223	24	WASHER					
	18	8T-4956	12	BOLT (L=35mm)					
	19	8T-6685	4	BOLT (L=110mm)					
	20	135-4063	2	FLANGE					

B—USE AS REQUIRED

Y—SEE SEPARATE ILLUSTRATION

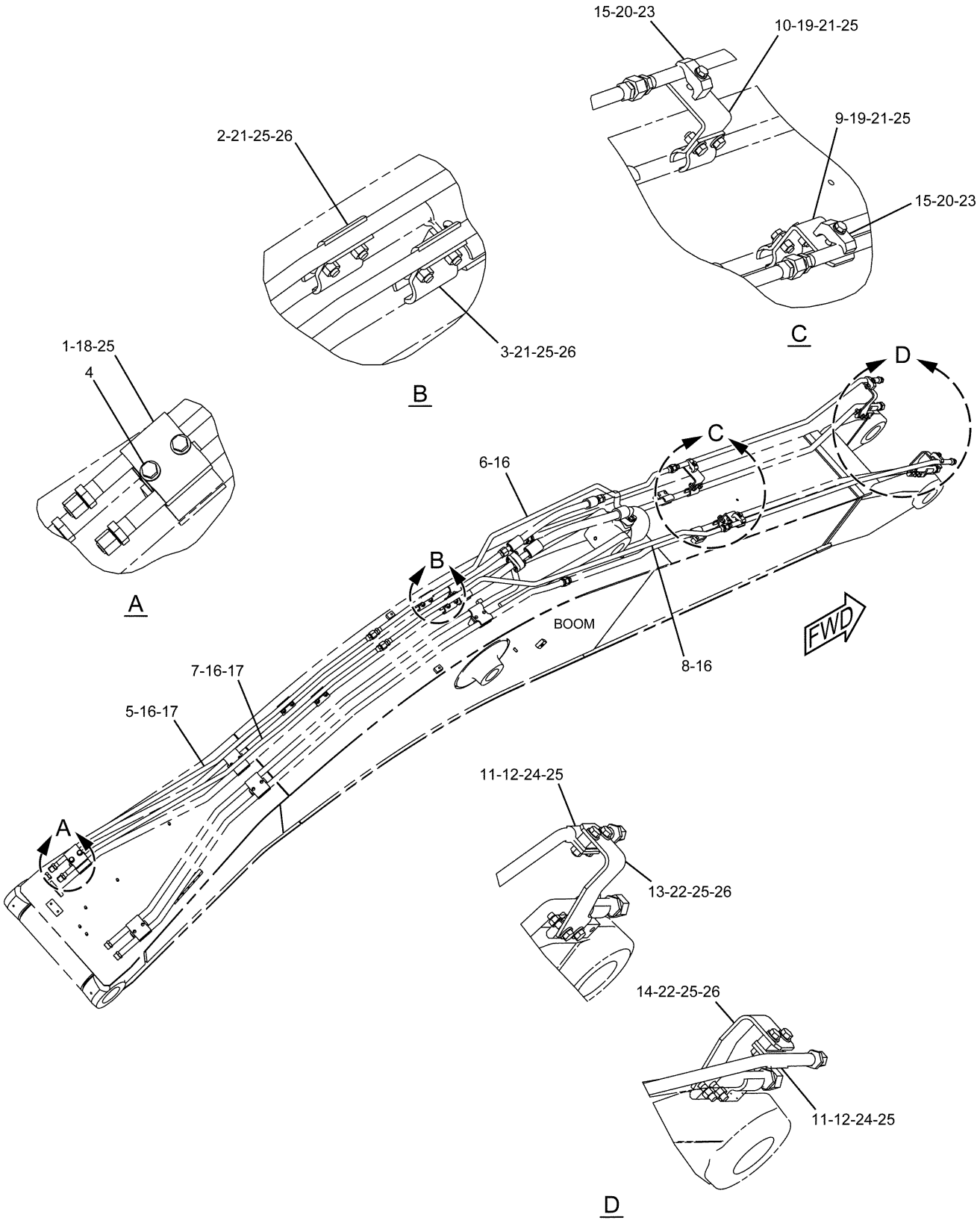
H92663E 01

237-3184 LINES GP-AUXILIARY HYDRAULIC

277-0954-Page602

An Attachment

MEMORANDA



H94402E 04

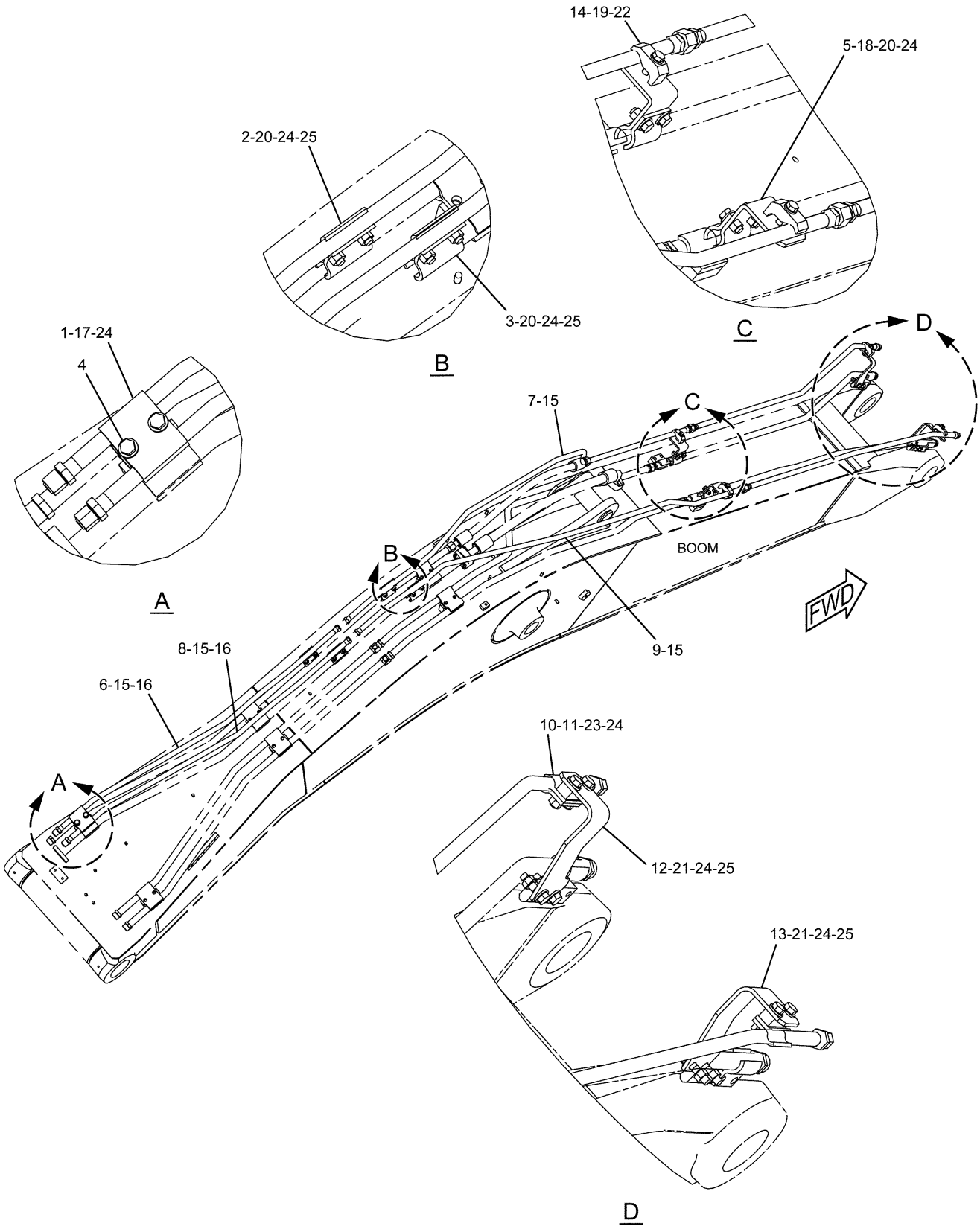
242-6476 LINES GP-AUXILIARY HYDRAULIC
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	153-8867	2	CLIP					
	2	173-7895	4	CLIP					
	3	179-5260	4	CLIP					
	4	202-3915	1	PLATE					
	5	247-9129	1	TUBE AS					
	6	247-9132	1	TUBE GP					
	7	247-9141	1	TUBE AS					
	8	247-9144	1	TUBE GP					
	9	247-9298	1	CLIP AS					
	10	268-6790	1	CLIP AS					
	11	294-3794	2	CLIP AS					
	12	294-3795	2	CLIP AS					
	13	294-3796	1	PLATE					
	14	294-3797	1	PLATE					
	15	093-1291	2	CLAMP					
	16	6V-8398	4	SEAL-O-RING (OD=16.03mm)					
	17	7J-9108	2	SEAL-O-RING (OD=19.28mm)					
	18	7X-2549	2	BOLT (L=100mm)					
	19	7Y-4868	2	CLIP					
	20	8T-4121	2	WASHER					
	21	8T-4139	12	BOLT (L=30mm)					
	22	8T-4184	4	BOLT (L=45mm)					
	23	8T-4185	2	BOLT (L=50mm)					
	24	8T-4194	4	BOLT (L=50mm)					
	25	8T-4223	22	WASHER					
	26	8T-4244	12	NUT					

H94402E 04

242-6476 LINES GP-AUXILIARY HYDRAULIC
An Attachment



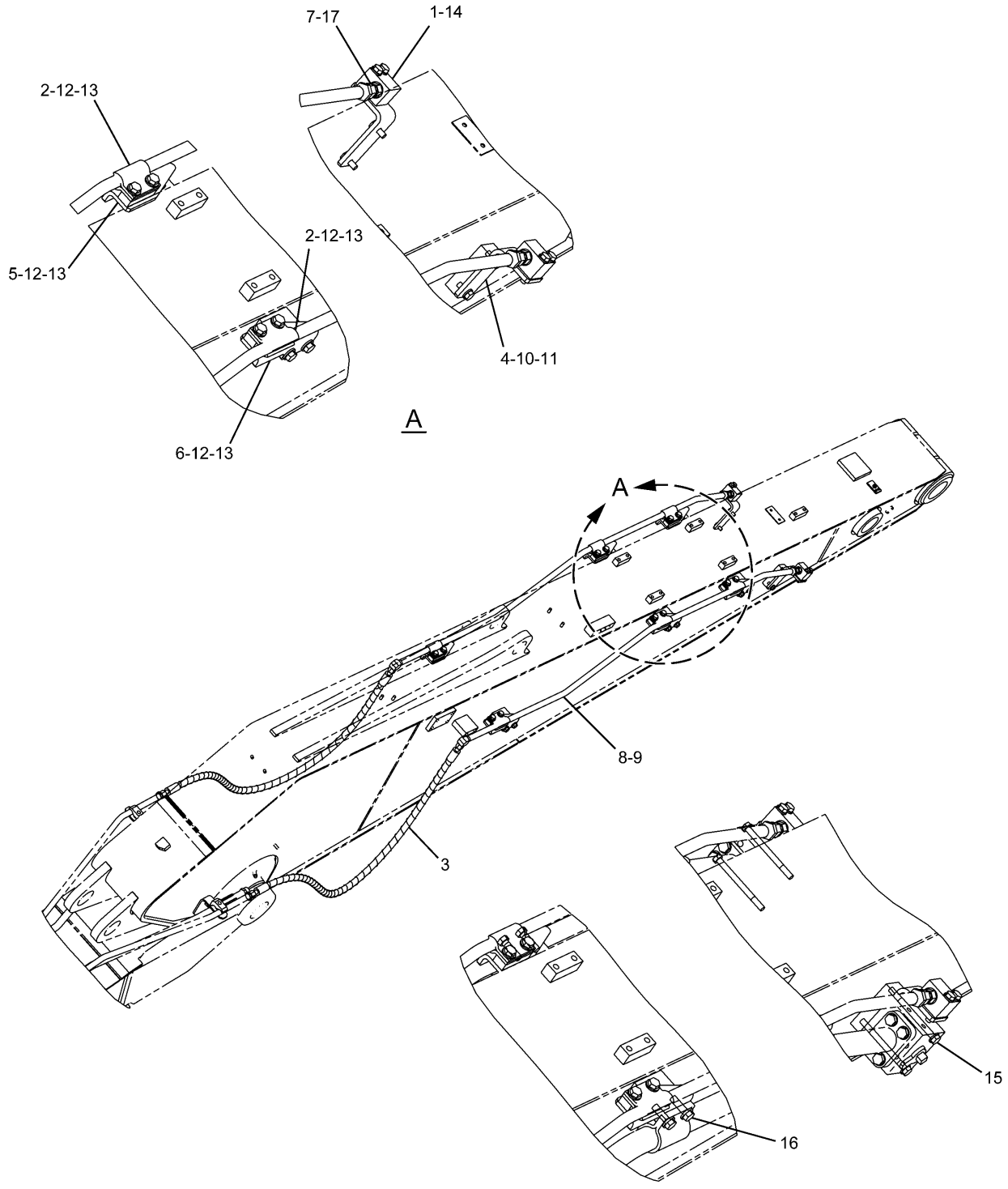
242-6480 LINES GP-AUXILIARY HYDRAULIC
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	153-8867	2	CLIP					
	2	173-7895	4	CLIP					
	3	179-5260	4	CLIP					
	4	202-3915	1	PLATE					
	5	247-9298	2	CLIP AS					
	6	268-6989	1	TUBE AS					
	7	268-6992	1	TUBE GP					
	8	268-7001	1	TUBE AS					
	9	268-7004	1	TUBE GP					
	10	294-3794	2	CLIP AS					
	11	294-3795	2	CLIP AS					
	12	294-3796	1	PLATE					
	13	294-3797	1	PLATE					
	14	093-1291	2	CLAMP					
	15	6V-8398	4	SEAL-O-RING (OD=16.03mm)					
	16	7J-9108	2	SEAL-O-RING (OD=19.28mm)					
	17	7X-2549	2	BOLT (L=100mm)					
	18	7Y-4868	2	CLIP					
	19	8T-4121	2	WASHER					
	20	8T-4139	12	BOLT (L=30mm)					
	21	8T-4184	4	BOLT (L=45mm)					
	22	8T-4185	2	BOLT (L=50mm)					
	23	8T-4194	4	BOLT (L=50mm)					
	24	8T-4223	22	WASHER					
	25	8T-4244	12	NUT					

H94401E 03

242-6480 LINES GP-AUXILIARY HYDRAULIC
An Attachment



H90574E 01

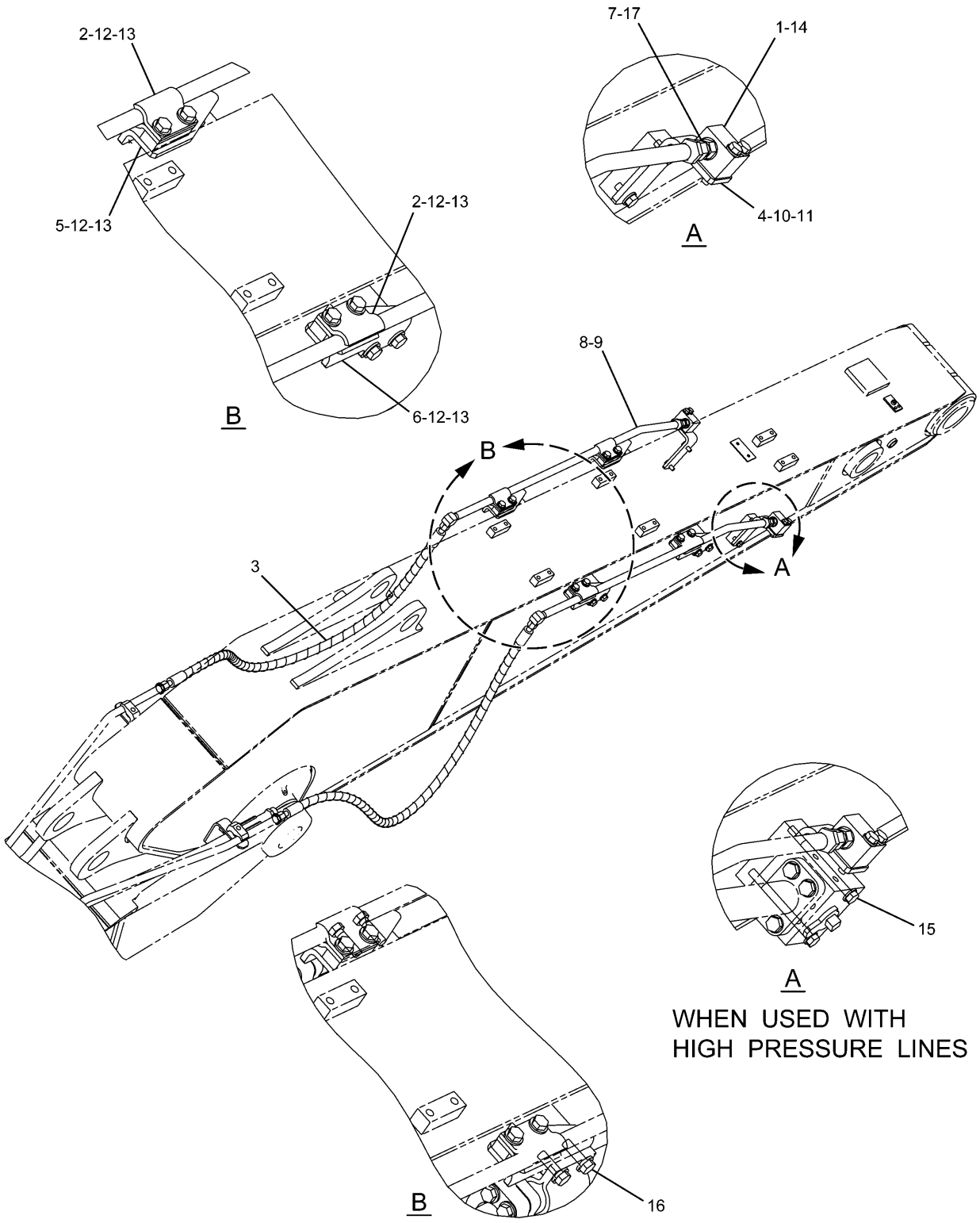
242-6484 LINES GP-AUXILIARY HYDRAULIC
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6C-6760	2	MANIFOLD					
	2	149-1738	12	CLIP					
	3	177-8506	2	HOSE AS					
	4	187-9977	2	PLATE					
	5	187-9978	3	SUPPORT AS					
	6	187-9981	3	SUPPORT AS					
	7	7X-3164	2	ADAPTER					
	8	262-3404	2	TUBE AS					
	9	6V-8398	4	SEAL-O-RING (OD=16.03mm)					
	10	8T-4121	4	WASHER					
	11	8T-4136	4	BOLT (L=25mm)					
	12	8T-4139	24	BOLT (L=30mm)					
	13	8T-4223	24	WASHER					
	14	8T-4185	4	BOLT (L=50mm)					
	15	7X-2543	4	BOLT (L=120mm)					
	16	8T-4183	12	BOLT (L=40mm)					
	17	3K-0360	2	SEAL-O-RING (ID=16.36mm)					

H90574E 01

242-6484 LINES GP-AUXILIARY HYDRAULIC
An Attachment



H90575E 02

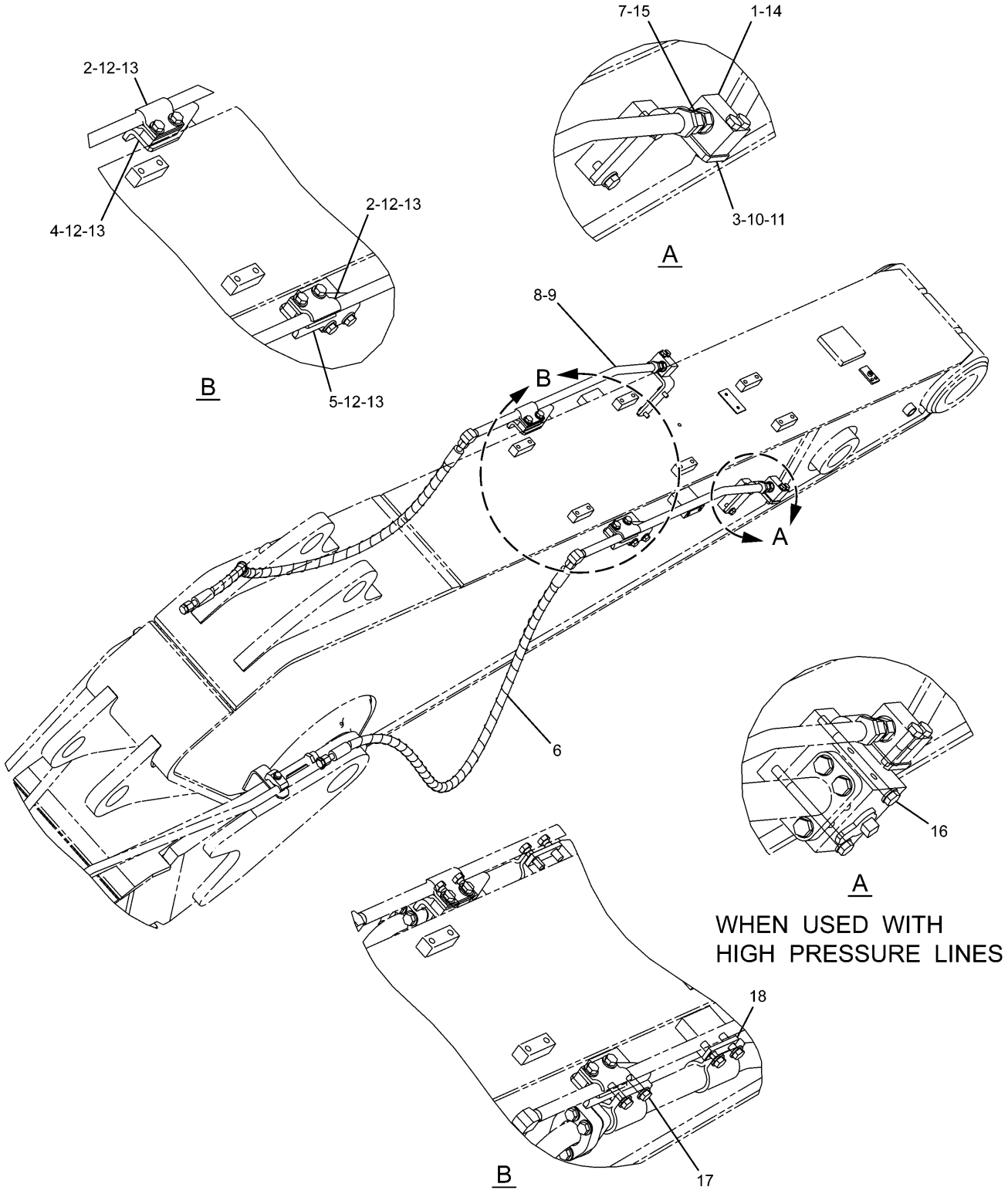
242-6488 LINES GP-AUXILIARY HYDRAULIC
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6C-6760	2	MANIFOLD					
	2	149-1738	8	CLIP					
	3	177-8572	2	HOSE AS					
	4	187-9977	2	PLATE					
	5	187-9978	2	SUPPORT AS					
	6	187-9981	2	SUPPORT AS					
	7	7X-3164	2	ADAPTER					
	8	253-6455	2	TUBE AS					
	9	6V-8398	4	SEAL-O-RING (OD=16.03mm)					
	10	8T-4121	4	WASHER					
	11	8T-4136	4	BOLT (L=25mm)					
	12	8T-4139	16	BOLT (L=30mm)					
	13	8T-4223	16	WASHER					
	14	8T-4185	4	BOLT (L=50mm)					
	15	7X-2543	4	BOLT (L=120mm)					
	16	8T-4183	8	BOLT (L=40mm)					
	17	3K-0360	2	SEAL-O-RING (ID=16.36mm)					

H90575E 02

242-6488 LINES GP-AUXILIARY HYDRAULIC
An Attachment



H90565E 01

242-6492 LINES GP-AUXILIARY HYDRAULIC
An Attachment

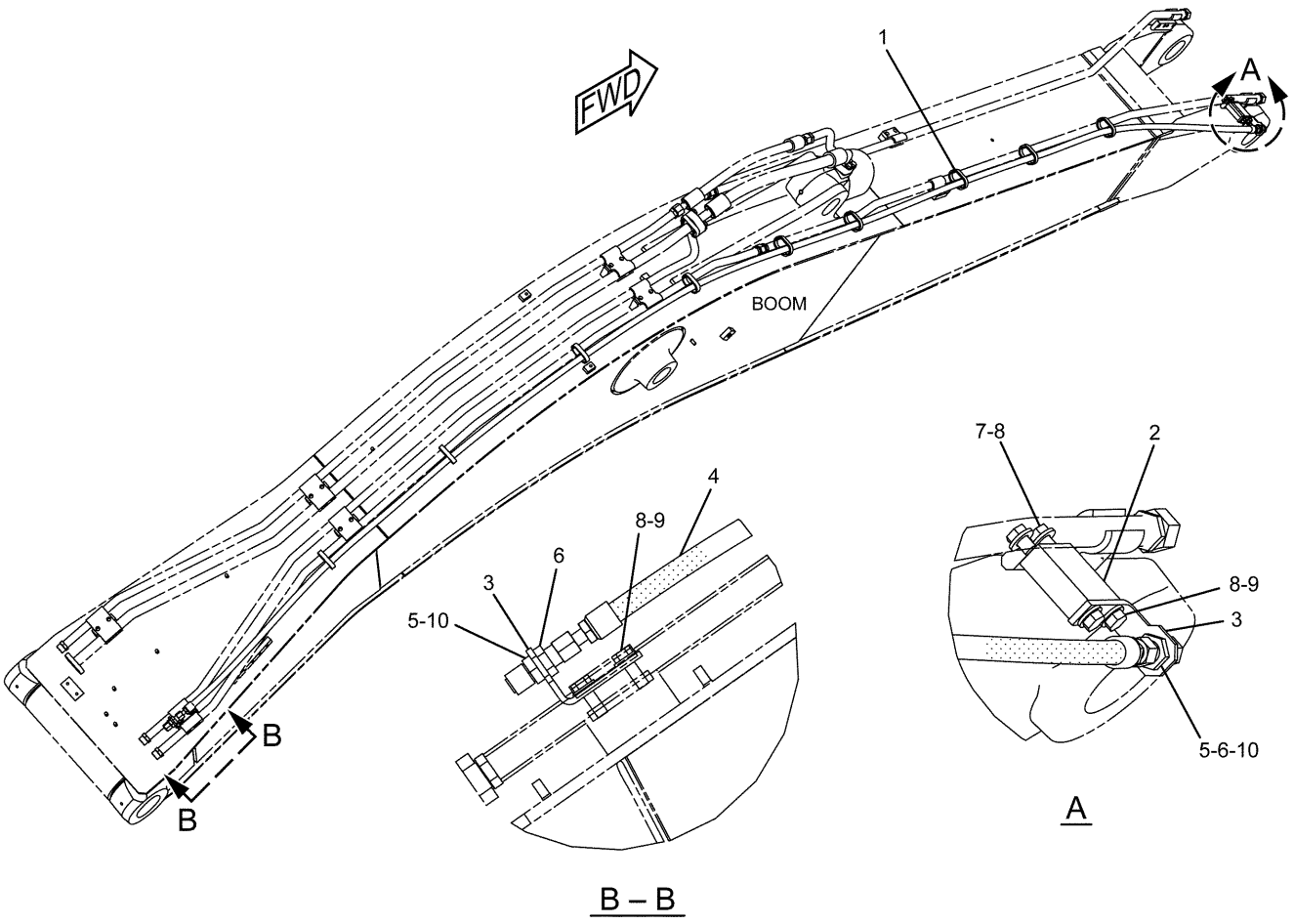
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6C-6760	2	MANIFOLD					
	2	149-1738	4	CLIP					
	3	187-9977	2	PLATE					
	4	187-9978	1	SUPPORT AS					
	5	187-9981	1	SUPPORT AS					
	6	216-6485	2	HOSE AS					
	7	7X-3164	2	ADAPTER					
	8	253-6685	2	TUBE AS					
	9	6V-8398	4	SEAL-O-RING (OD=16.03mm)					
	10	8T-4121	4	WASHER					
	11	8T-4136	4	BOLT (L=25mm)					
	12	8T-4139	8	BOLT (L=30mm)					
	13	8T-4223	8	WASHER					
	14	8T-4185	4	BOLT (L=50mm)					
	15	3K-0360	2	SEAL-O-RING (ID=16.36mm)					
	16	7X-2543	4	BOLT (L=120mm)					
	17	8T-4183	8	BOLT (L=40mm)					
	18	197-2362	2	PLATE					

H90565E 01

242-6492 LINES GP-AUXILIARY HYDRAULIC
An Attachment

HYDRAULIC SYSTEM

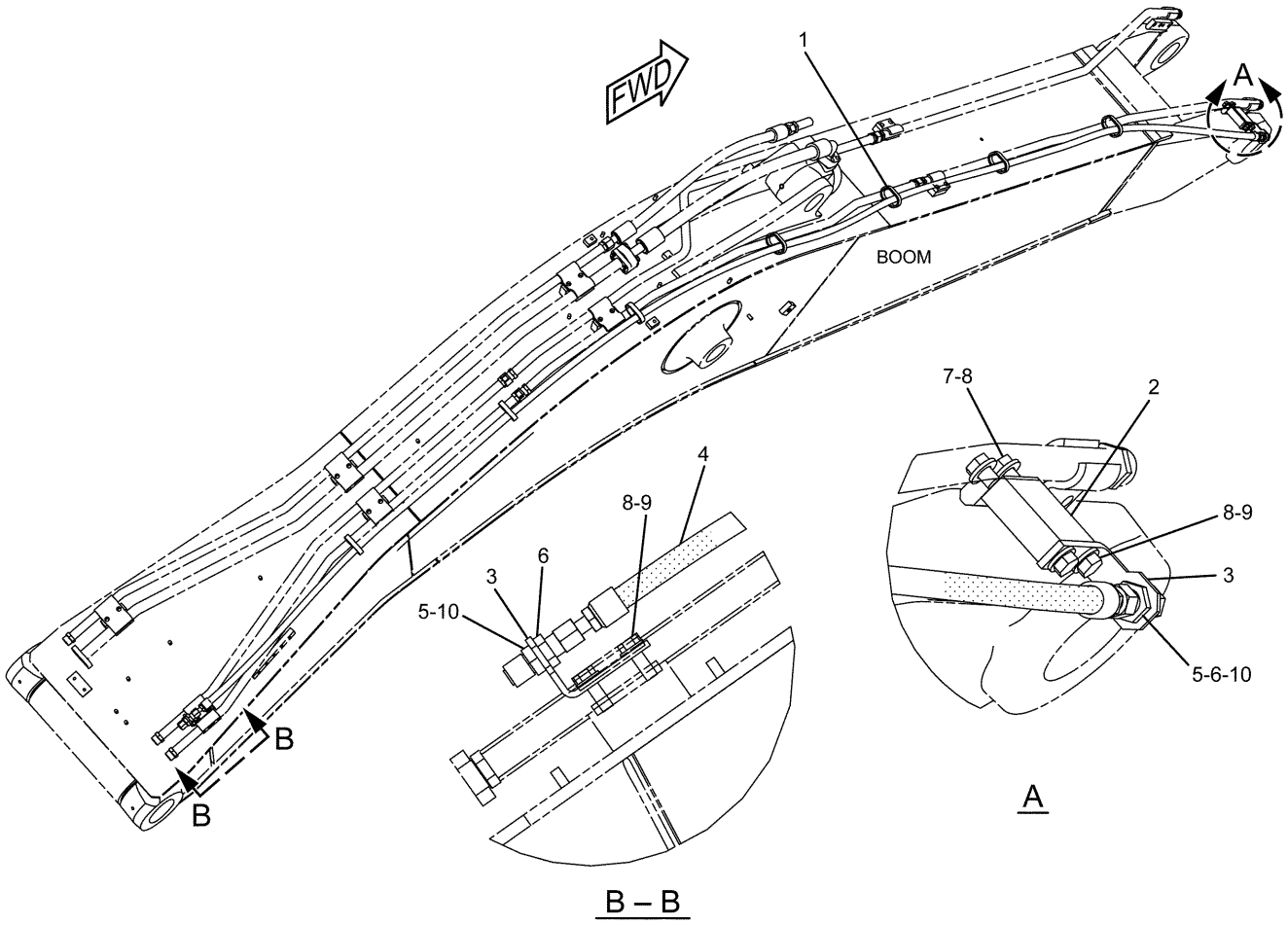


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7K-1181	9	STRAP					
	2	153-8798	1	PLATE					
	3	253-6417	2	BRACKET					
	4	268-6792	1	HOSE AS					
	5	6V-8995	2	UNION					
	6	6V-9169	2	NUT					
	7	8T-4184	2	BOLT (L=45mm)					
	8	8T-4223	6	WASHER					
	9	8T-4956	4	BOLT (L=35mm)					
	10	6V-8398	2	SEAL-O-RING (OD=16.03mm)					

H94403E 02

242-6477 LINES GP-DRAIN
R-Boom
An Attachment

HYDRAULIC SYSTEM



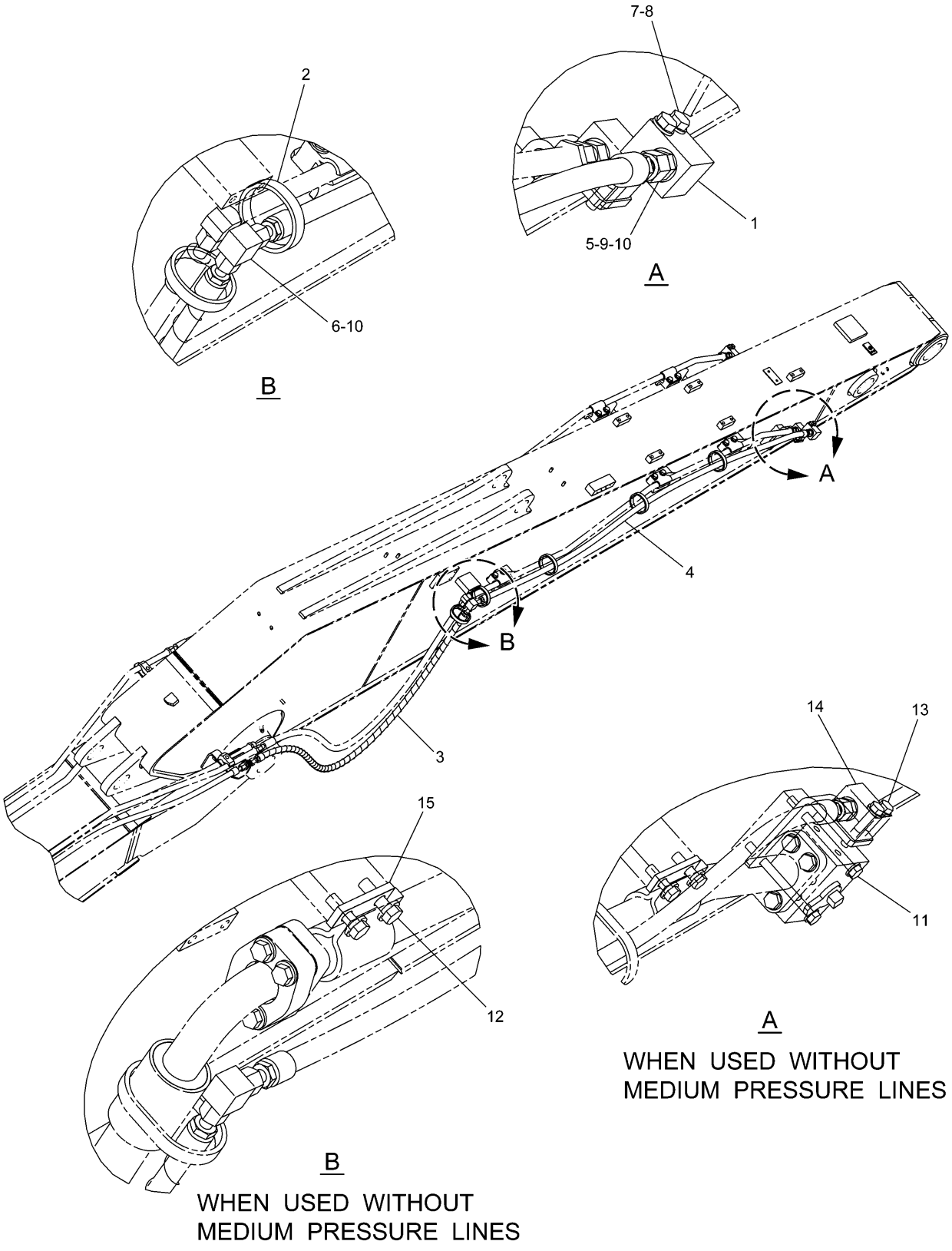
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7K-1181	7	STRAP					
	2	153-8798	1	PLATE					
	3	253-6417	2	BRACKET					
	4	262-3148	1	HOSE AS					
	5	6V-8995	2	UNION					
	6	6V-9169	2	NUT					
	7	8T-4184	2	BOLT (L=45mm)					
	8	8T-4223	6	WASHER					
	9	8T-4956	4	BOLT (L=35mm)					
	10	6V-8398	2	SEAL-O-RING (OD=16.03mm)					

H94404E 01

242-6481 LINES GP-DRAIN

M-Boom

An Attachment



H89704E 00

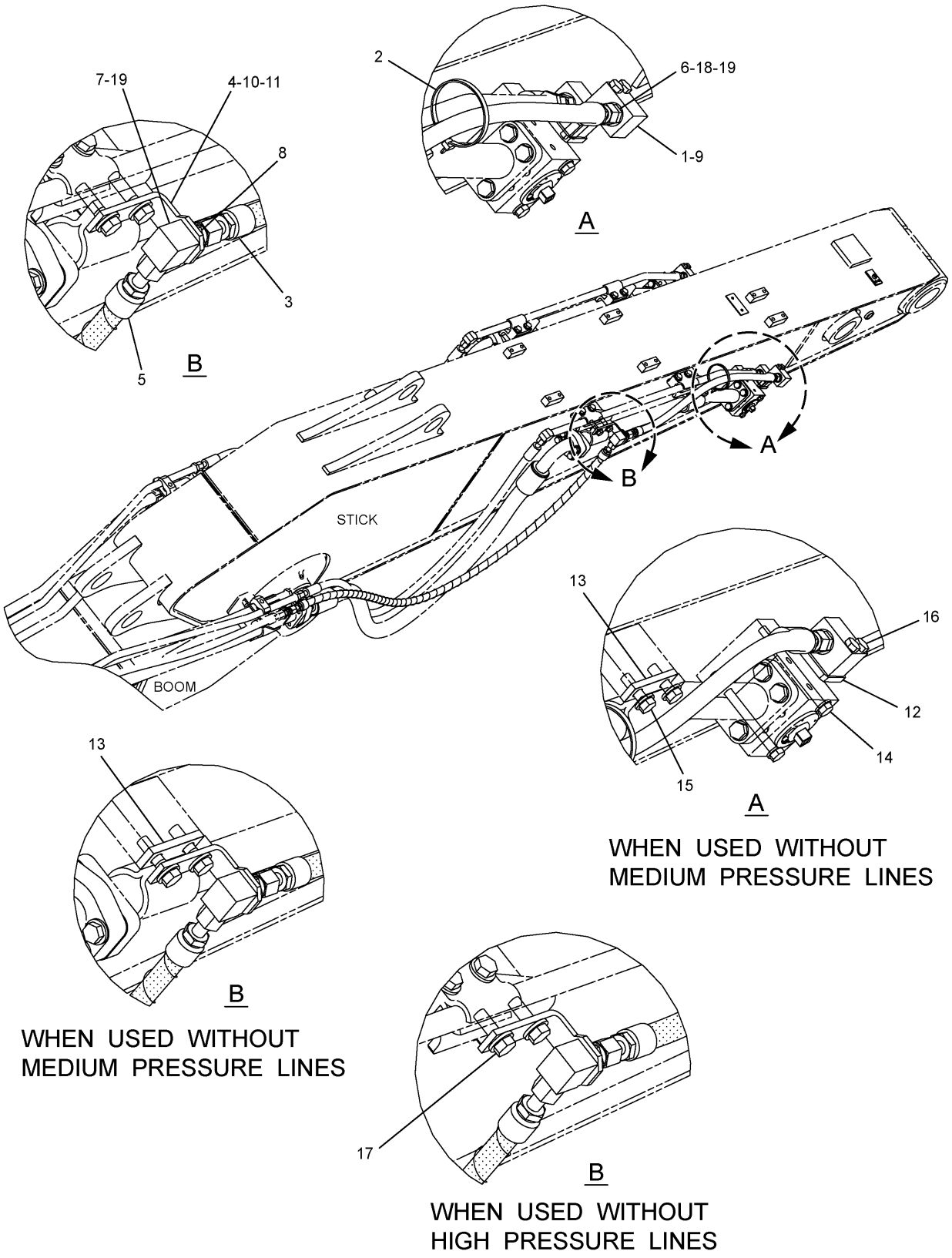
242-6485 LINES GP-DRAIN
R3.9B Stick
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6C-6760	1	MANIFOLD					
	2	7K-1181	5	STRAP					
	3	262-3511	1	HOSE AS					
	4	268-6777	1	HOSE AS					
	5	6V-8639	1	CONNECTOR					
	6	6V-9808	1	UNION					
	7	8T-4121	2	WASHER					
	8	8T-4198	2	BOLT (L=100mm)					
	9	3K-0360	1	SEAL-O-RING (ID=16.36mm)					
	10	6V-8398	3	SEAL-O-RING (OD=16.03mm)					
	11	7X-2543	2	BOLT (L=120mm)					
	12	8T-4183	6	BOLT (L=40mm)					
	13	8T-6466	2	BOLT (L=60mm)					
	14	187-9977	1	PLATE					
	15	210-9907	2	PLATE					

H89704E 00

242-6485 LINES GP-DRAIN
R3.9B Stick
An Attachment



H98465E 02

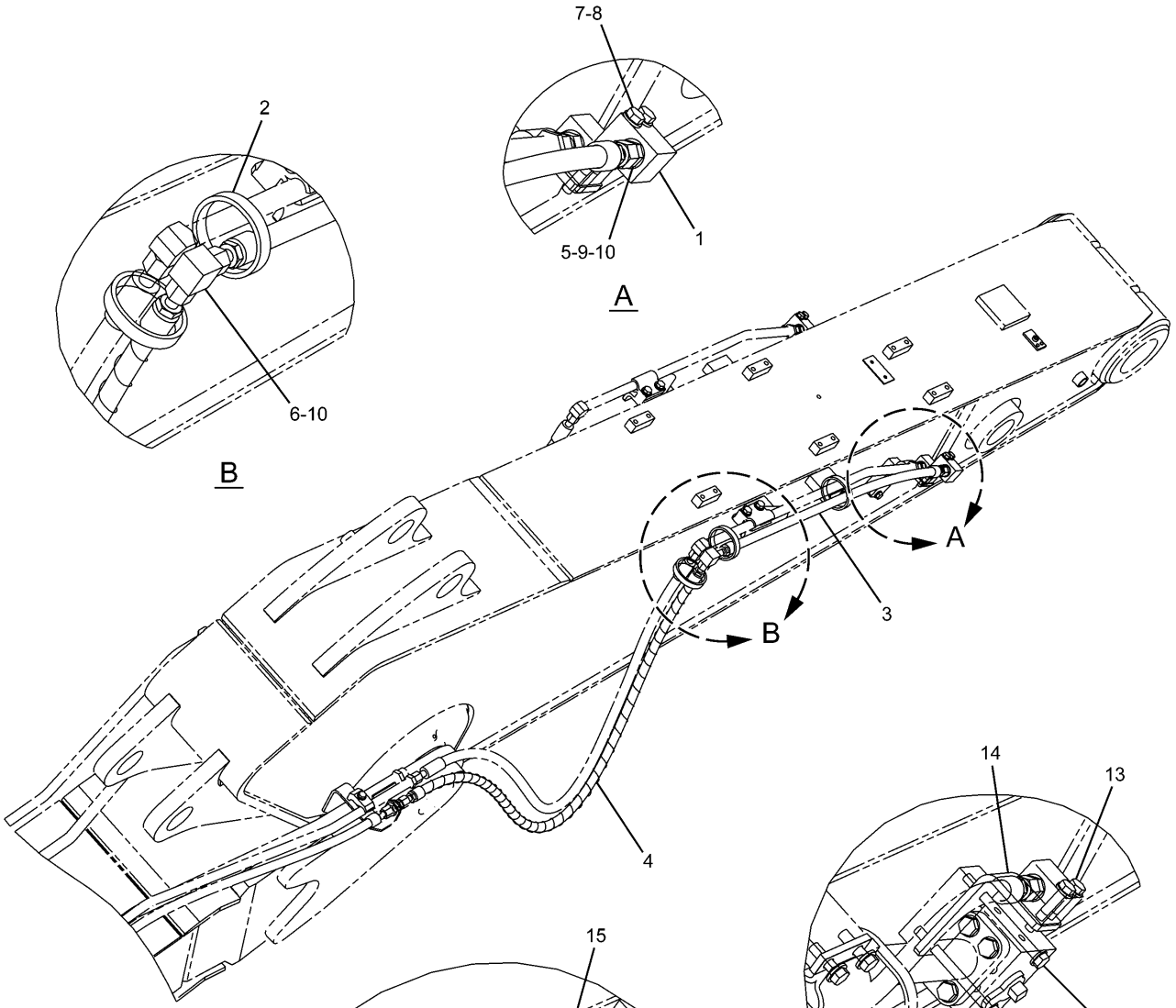
242-6489 LINES GP-DRAIN
R2.9B Stick
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6C-6760	1	MANIFOLD					
	2	7K-1181	1	STRAP					
	3	111-0982	1	HOSE AS					
	4	253-6417	1	BRACKET					
	5	262-3511	1	HOSE AS					
	6	6V-8639	1	CONNECTOR					
	7	6V-8981	1	ELBOW					
	8	6V-9169	1	NUT					
	9	8T-4178	2	BOLT (L=90mm)					
	10	8T-4184	2	BOLT (L=45mm)					
	11	8T-4223	2	WASHER					
	12	187-9977	1	PLATE					
	13	210-9907	2	PLATE					
	14	7X-2543	2	BOLT (L=120mm)					
	15	8T-4183	2	BOLT (L=40mm)					
	16	8T-4185	2	BOLT (L=50mm)					
	17	8T-4956	2	BOLT (L=35mm)					
	18	3K-0360	1	SEAL-O-RING (ID=16.36mm)					
	19	6V-8398	3	SEAL-O-RING (OD=16.03mm)					

H98465E 02

242-6489 LINES GP-DRAIN
R2.9B Stick
An Attachment



WHEN USED WITHOUT
MEDIUM PRESSURE LINES

WHEN USED WITHOUT
MEDIUM PRESSURE LINES

H89225E 00

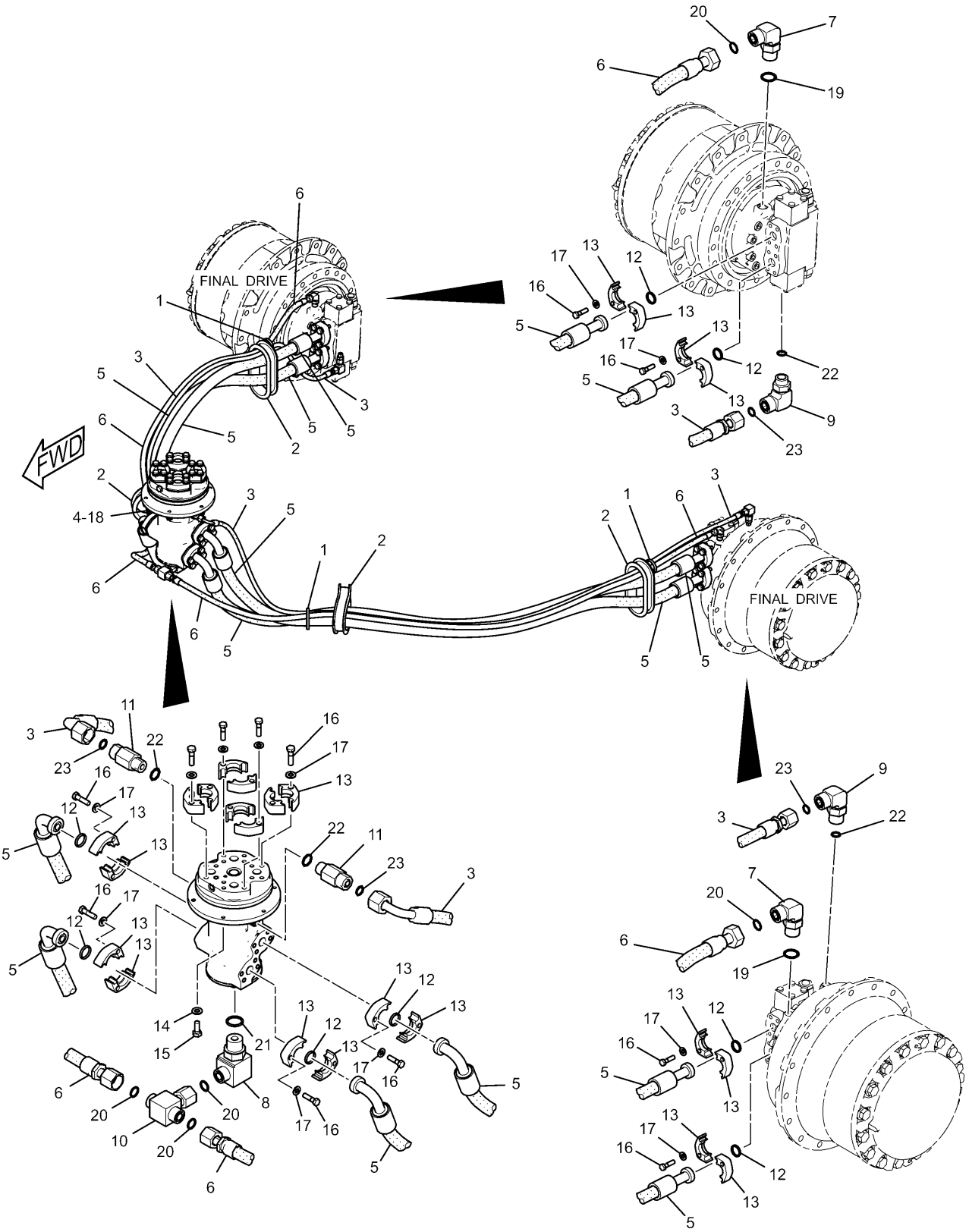
242-6493 LINES GP-DRAIN
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6C-6760	1	MANIFOLD					
	2	7K-1181	3	STRAP					
	3	253-6754	1	HOSE AS					
	4	262-3161	1	HOSE AS					
	5	6V-8639	1	CONNECTOR					
	6	6V-9808	1	UNION					
	7	8T-4121	2	WASHER					
	8	8T-4198	2	BOLT (L=100mm)					
	9	3K-0360	1	SEAL-O-RING (ID=16.36mm)					
	10	6V-8398	3	SEAL-O-RING (OD=16.03mm)					
	11	7X-2543	2	BOLT (L=120mm)					
	12	8T-4183	4	BOLT (L=40mm)					
	13	8T-6466	2	BOLT (L=60mm)					
	14	187-9977	1	PLATE					
	15	210-9907	2	PLATE					

H89225E 00

242-6493 LINES GP-DRAIN
An Attachment



H90003E 00

239-1716 LINES GP-TRAVEL MOTOR

S/N BWZ 1-Up, SNS 1-Up

234-4440-Page518

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7K-1181	4	STRAP					
	2	108-7118	4	GROMMET					
	3	111-6752	2	HOSE AS					
Y	4	234-4440	1	SWIVEL GP					
	5	245-5427	4	HOSE AS					
	6	248-9428	2	HOSE AS					
	7	6V-8625	2	ELBOW					
	8	6V-8721	1	ELBOW					
	9	6V-8724	2	ELBOW					
	10	6V-9844	1	TEE					
	11	8T-1779	2	CONNECTOR					
	12	1P-3703	8	SEAL					
	13	6V-0400	24	FLANGE					
	14	8T-4121	6	WASHER					
	15	8T-4136	6	BOLT (L=25mm)					
	16	8T-4184	48	BOLT (L=45mm)					
	17	8T-4223	48	WASHER					
B	18	1U-8846		GASKET MAKER···(2ml)					
	19	3K-0360	2	SEAL-O-RING (ID=16.36mm)					
	20	6V-8398	5	SEAL-O-RING (OD=16.03mm)					
	21	2M-9780	1	SEAL-O-RING (ID=19.18mm)					
	22	3J-1907	4	SEAL-O-RING (ID=11.89mm)					
	23	6V-8397	4	SEAL-O-RING (OD=12.83mm)					

B—USE AS REQUIRED

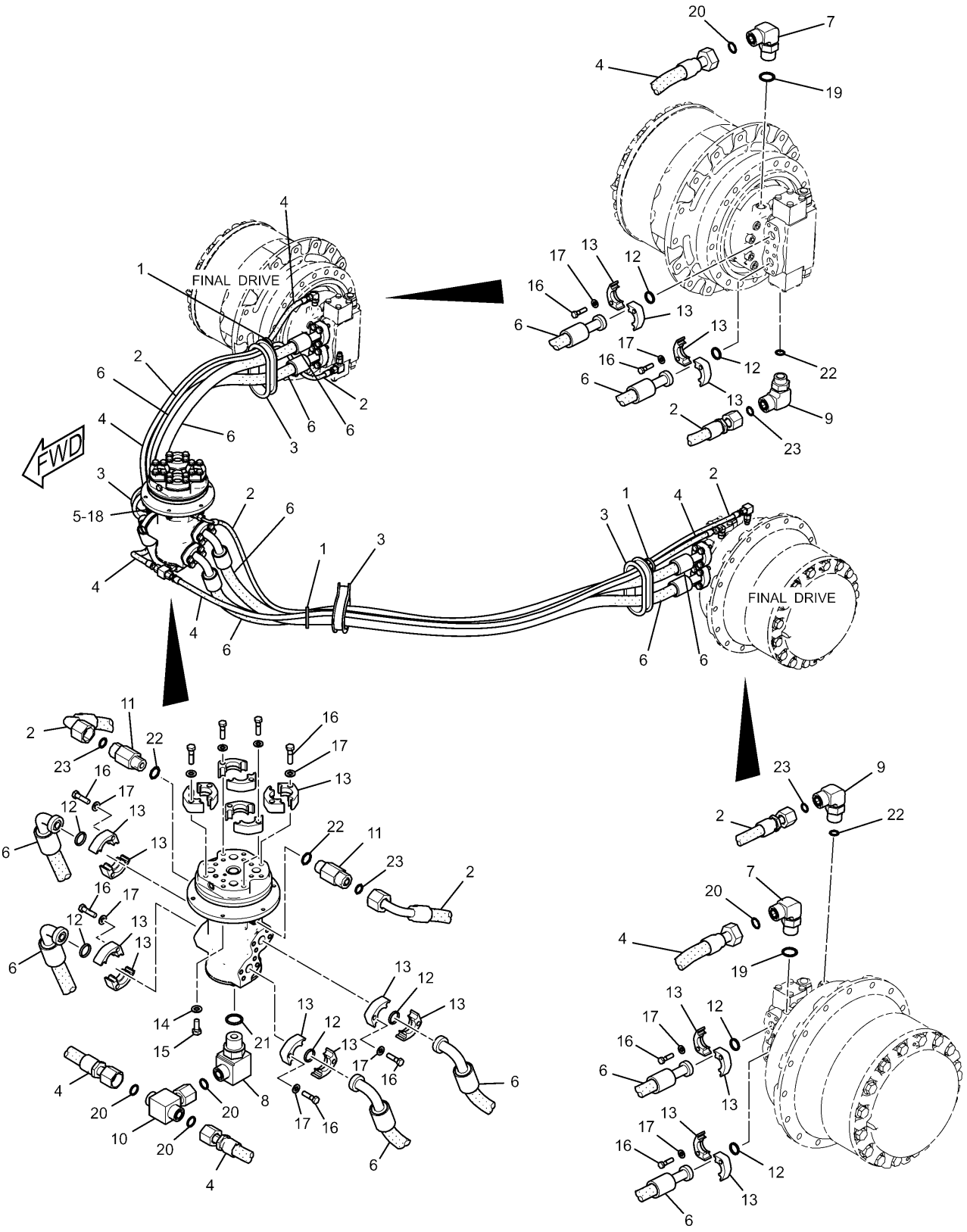
Y—SEE SEPARATE ILLUSTRATION

H90003E 00

239-1716 LINES GP-TRAVEL MOTOR

S/N BWZ 1-Up, SNS 1-Up

234-4440-Page518



239-1717 LINES GP-TRAVEL MOTOR
S/N DFB 1-Up, WJN 1-Up
234-4440-Page518

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7K-1181	4	STRAP					
	2	7Y-4390	2	HOSE AS					
	3	108-7118	4	GROMMET					
	4	173-5089	2	HOSE AS					
Y	5	234-4440	1	SWIVEL GP					
	6	245-5416	4	HOSE AS					
	7	6V-8625	2	ELBOW					
	8	6V-8721	1	ELBOW					
	9	6V-8724	2	ELBOW					
	10	6V-9844	1	TEE					
	11	8T-1779	2	CONNECTOR					
	12	1P-3703	8	SEAL					
	13	6V-0400	24	FLANGE					
	14	8T-4121	6	WASHER					
	15	8T-4136	6	BOLT (L=25mm)					
	16	8T-4184	48	BOLT (L=45mm)					
	17	8T-4223	48	WASHER					
B	18	1U-8846		GASKET MAKER···(2ml)					
	19	3K-0360	2	SEAL-O-RING (ID=16.36mm)					
	20	6V-8398	5	SEAL-O-RING (OD=16.03mm)					
	21	2M-9780	1	SEAL-O-RING (ID=19.18mm)					
	22	3J-1907	4	SEAL-O-RING (ID=11.89mm)					
	23	6V-8397	4	SEAL-O-RING (OD=12.83mm)					

B—USE AS REQUIRED

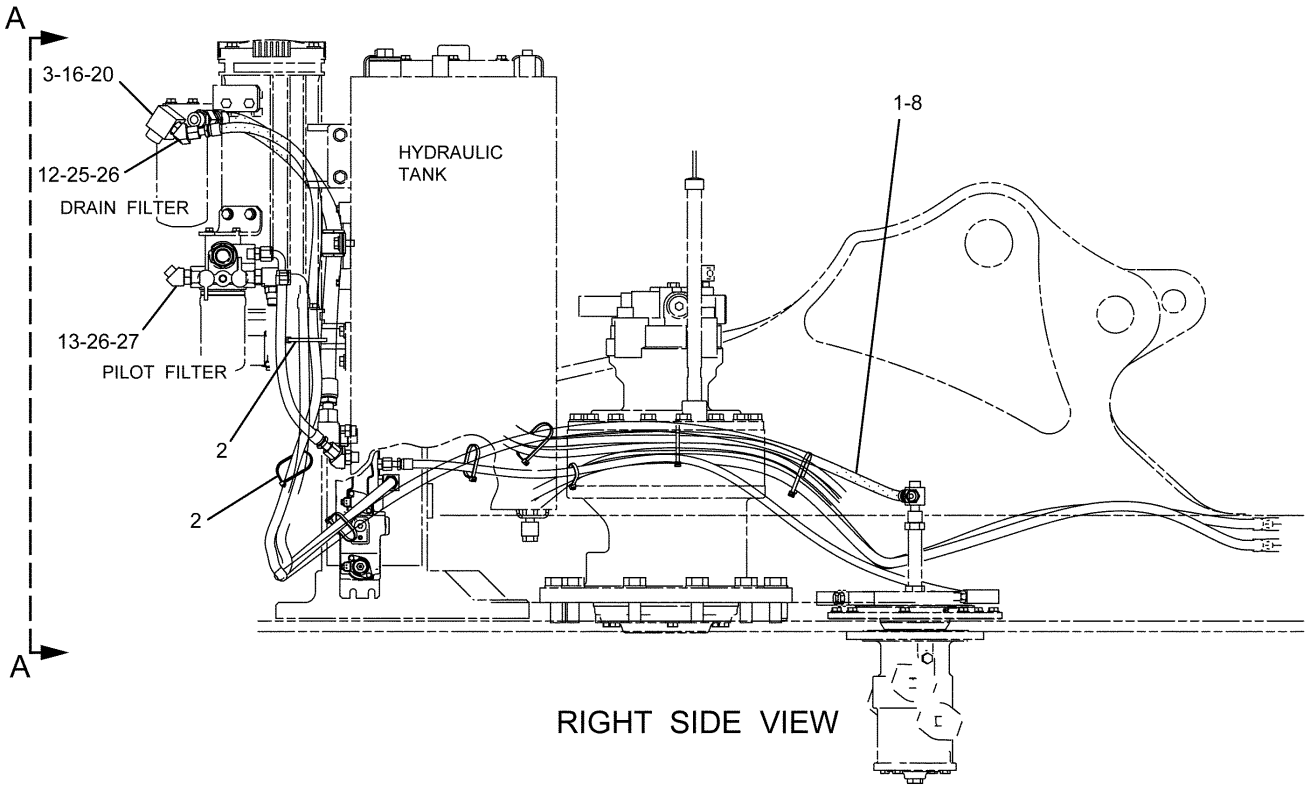
Y—SEE SEPARATE ILLUSTRATION

H90004E 02

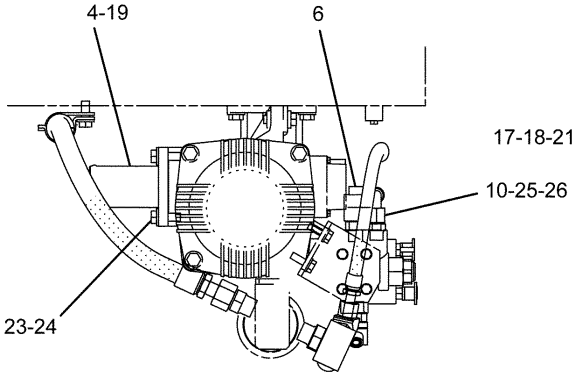
239-1717 LINES GP-TRAVEL MOTOR

S/N DFB 1-Up, WJN 1-Up

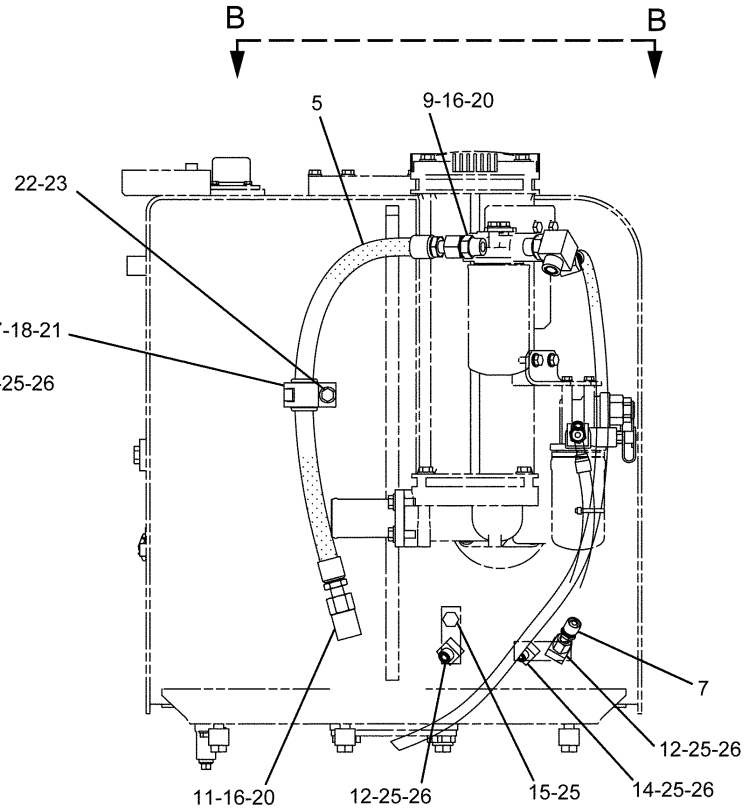
234-4440-Page518



RIGHT SIDE VIEW



B – B



A – A

H93961E 03

248-9853 TANK & LINES GP-HYDRAULIC

S/N BWZ 1-01205, DFB 1-00254, SNS 1-00221, WJN 1-00144

Part of 239-1710-Page322

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-9527	2	BAND (R3,GREEN)					
	2	7K-1181	2	STRAP					
	3	124-1212	1	FITTING					
	4	165-3260	1	PIPE AS					
	5	176-4770	1	HOSE AS					
	6	214-4512	1	TEE AS					
	7	275-1361	1	HOSE AS					
	8	292-7153	1	HOSE AS					
	9	6V-8637	1	CONNECTOR					
	10	6V-8639	1	CONNECTOR					
	11	6V-9007	1	ELBOW					
	12	6V-9002	3	ELBOW					
	13	6V-8624	1	ELBOW					
	14	6V-9876	1	ELBOW					
	15	9S-4185	1	PLUG					
	16	3D-2824	3	SEAL-O-RING (ID=23.47mm)					
	17	5P-7464	1	CLIP					
	18	5P-7465	1	CLIP					
	19	6J-2680	1	SEAL-O-RING (ID=69.44mm)					
	20	6V-9746	3	SEAL-O-RING (OD=22.50mm)					
	21	8T-2920	1	GROMMET					
	22	8T-4139	1	BOLT (L=30mm)					
	23	8T-4223	5	WASHER					
	24	8T-4956	4	BOLT (L=35mm)					
	25	3K-0360	6	SEAL-O-RING (ID=16.36mm)					
	26	6V-8398	6	SEAL-O-RING (OD=16.03mm)					
	27	2M-9780	1	SEAL-O-RING (ID=19.18mm)					

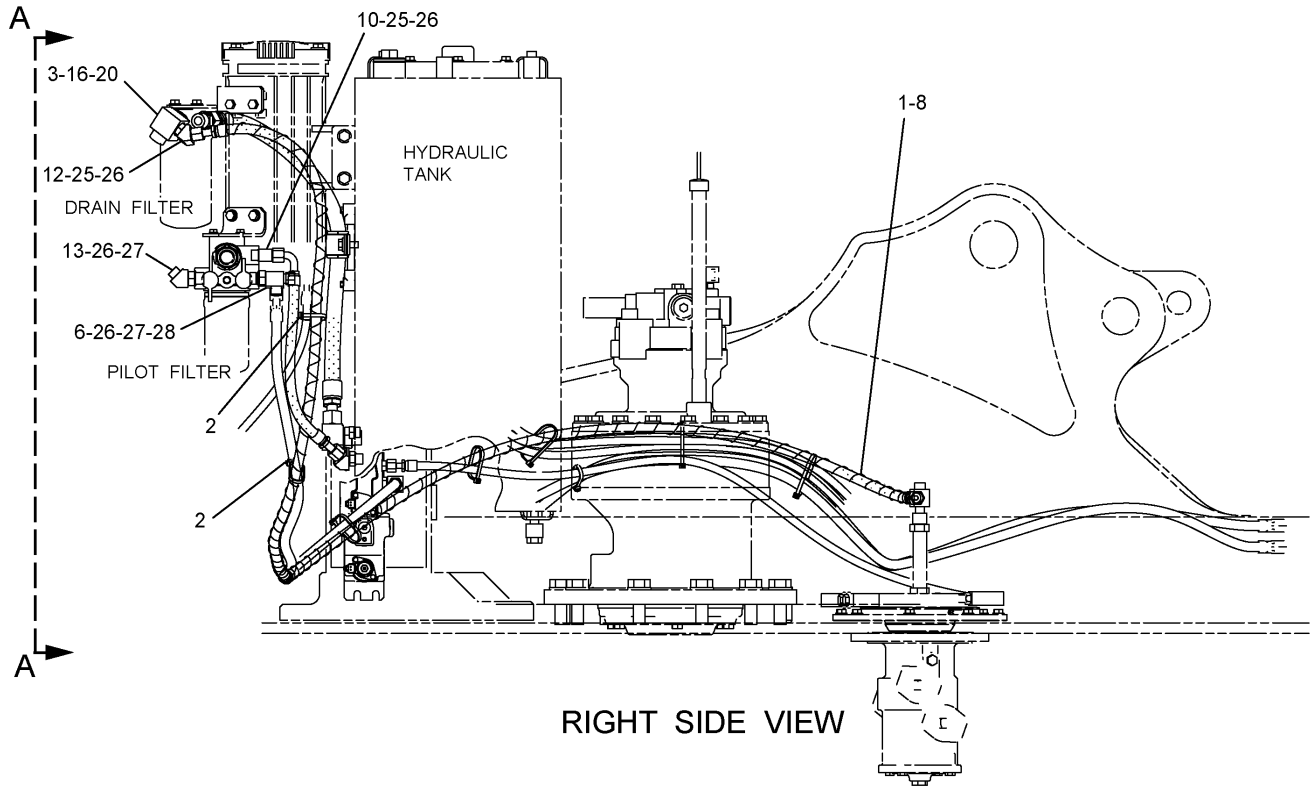
H93961E 03

248-9853 TANK & LINES GP-HYDRAULIC

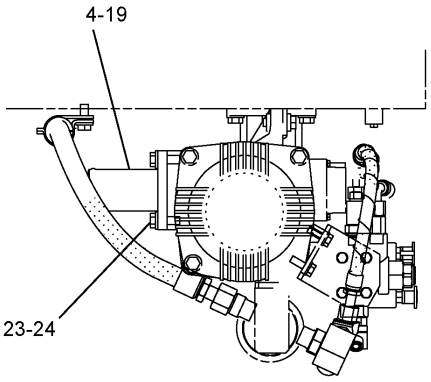
S/N BWZ 1-01205, DFB 1-00254, SNS 1-00221, WJN 1-00144

Part of 239-1710-Page322

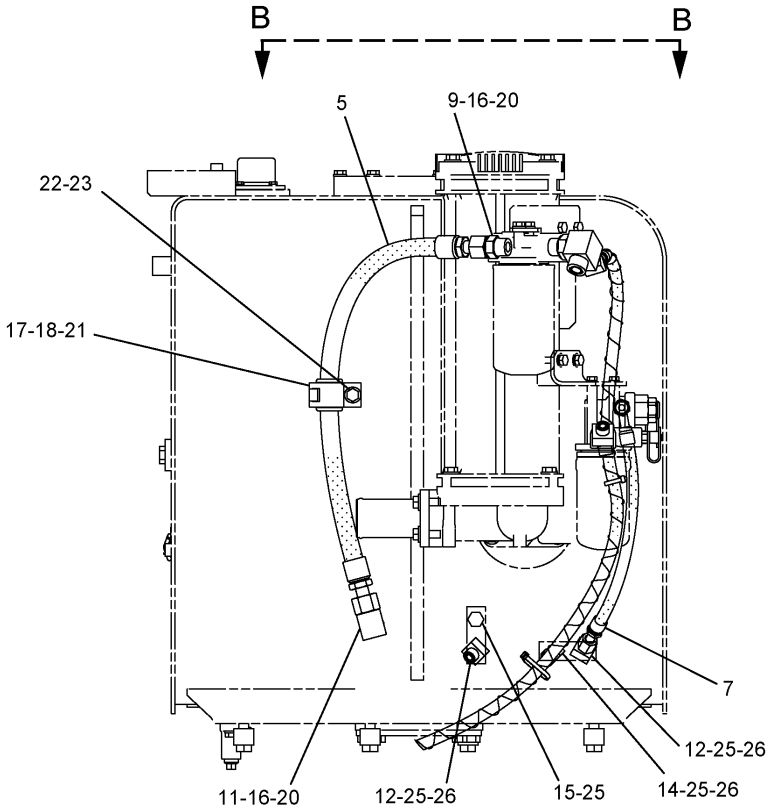
HYDRAULIC SYSTEM



RIGHT SIDE VIEW



B – B



A – A

H98379E 04

248-9853 TANK & LINES GP-HYDRAULIC
S/N BWZ 01206-Up, DFB 00255-Up, SNS 00222-Up, WJN 00145-Up
Part of 239-1710-Page322

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-9527	2	BAND (R3,GREEN)					
	2	7K-1181	2	STRAP					
	3	124-1212	1	FITTING					
	4	165-3260	1	PIPE AS					
	5	176-4770	1	HOSE AS					
	6	307-5098	1	TEE AS					
	7	275-1361	1	HOSE AS					
	8	292-7153	1	HOSE AS					
	9	6V-8637	1	CONNECTOR					
	10	8T-1687	1	CONNECTOR					
	11	6V-9007	1	ELBOW					
	12	6V-9002	3	ELBOW					
	13	6V-8624	1	ELBOW					
	14	6V-9876	1	ELBOW					
	15	9S-4185	1	PLUG					
	16	3D-2824	3	SEAL-O-RING (ID=23.47mm)					
	17	5P-7464	1	CLIP					
	18	5P-7465	1	CLIP					
	19	6J-2680	1	SEAL-O-RING (ID=69.44mm)					
	20	6V-9746	3	SEAL-O-RING (OD=22.50mm)					
	21	8T-2920	1	GROMMET					
	22	8T-4139	1	BOLT (L=30mm)					
	23	8T-4223	5	WASHER					
	24	8T-4956	4	BOLT (L=35mm)					
	25	3K-0360	6	SEAL-O-RING (ID=16.36mm)					
	26	6V-8398	7	SEAL-O-RING (OD=16.03mm)					
	27	2M-9780	2	SEAL-O-RING (ID=19.18mm)					
	28	6V-8397	1	SEAL-O-RING (OD=12.83mm)					

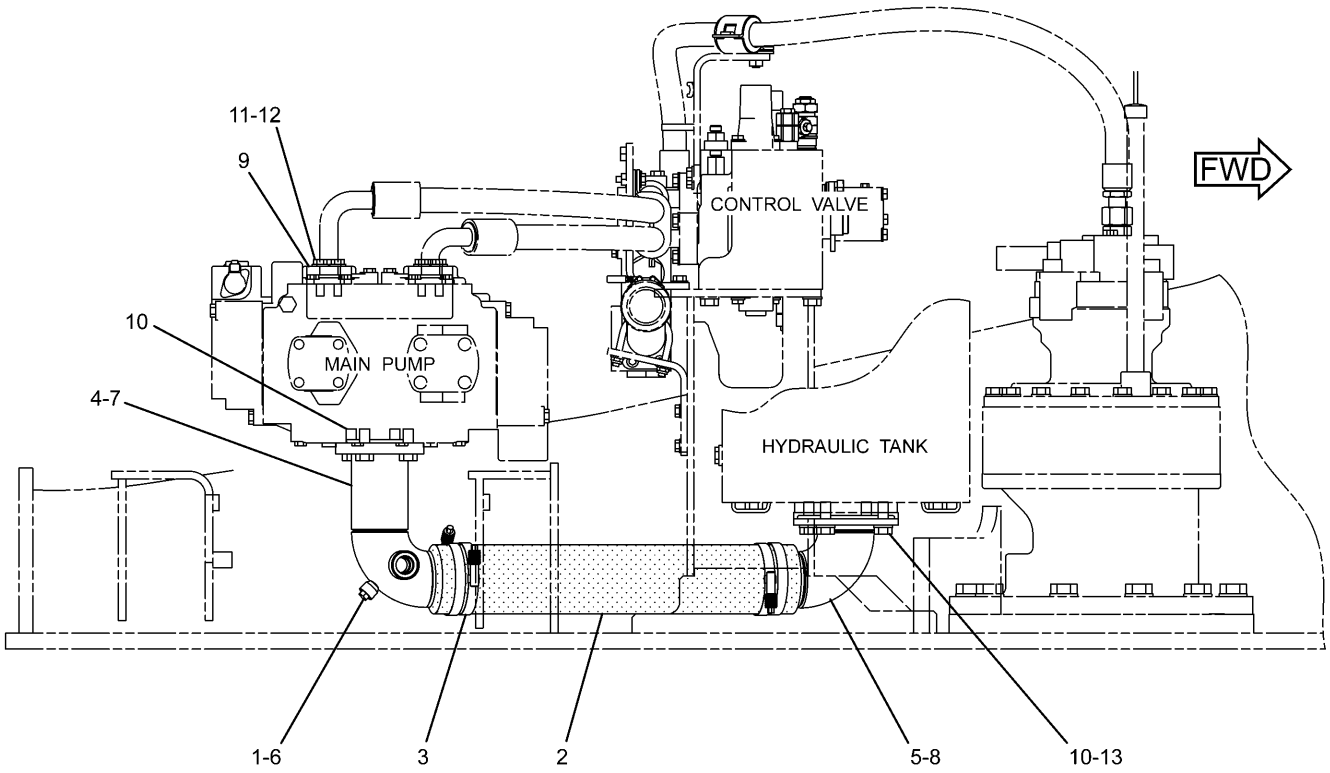
H98379E 04

248-9853 TANK & LINES GP-HYDRAULIC

S/N BWZ 01206-Up, DFB 00255-Up, SNS 00222-Up, WJN 00145-Up

Part of 239-1710-Page322

HYDRAULIC SYSTEM



RIGHT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9S-4182	1	PLUG					
E	2	7Y-4562		HOSE···(59cm)					
	3	9X-2201	4	CLAMP					
	4	245-5285	1	PIPE AS					
	5	245-5287	1	PIPE AS					
	6	3J-7354	1	SEAL-O-RING (ID=8.92mm)					
	7	5H-8624	1	SEAL-O-RING (ID=94.62mm)					
	8	6D-9157	1	SEAL-O-RING (ID=142.24mm)					
	9	6V-0400	4	FLANGE					
	10	7X-2553	8	BOLT (L=40mm)					
	11	8T-4194	8	BOLT (L=50mm)					
	12	8T-4223	8	WASHER					
	13	9X-8257	4	WASHER					

E-ORDER BY THE CENTIMETER

H93440E 01

248-9847 LINES GP-PUMP

HYDRAULIC SYSTEM

Consists of :

			Page
1	239-8693	CONTROL GP-HYDRAULIC	528
1	247-7420	FILM GP	840
1	251-0436	WIRING GP	158
1	255-1800	LINES GP-PILOT	459
1	260-7971	LINES GP-PILOT	460
1	260-8006	LINES GP-FRONT	486

H91304E 01

259-7492 CONTROL AR-AUXILIARY
An Attachment

Consists of :

			Page
1	239-8693	CONTROL GP-HYDRAULIC	528
1	247-7420	FILM GP	840
1	251-0436	WIRING GP	158
1	255-1800	LINES GP-PILOT	459
1	255-5713	VALVE & MOUNTING GP	534
1	260-7972	LINES GP-PILOT	462
1	260-8007	LINES GP-FRONT	488

H91305E 01

259-7494 CONTROL AR-AUXILIARY
An Attachment

Consists of :

			Page
1	239-8695	CONTROL GP-HYDRAULIC	530
1	247-7416	FILM GP	841
1	251-0529	WIRING GP-CAB	170
1	255-5713	VALVE & MOUNTING GP	534
1	259-5045	WIRING GP	160
1	255-1802	LINES GP-PILOT	464
1	260-7974	LINES GP-PILOT	466
1	260-8008	LINES GP-FRONT	490

H90484E 01

259-7493 CONTROL AR-AUXILIARY
An Attachment

Consists of :

			Page
1	239-8695	CONTROL GP-HYDRAULIC	530
1	247-7420	FILM GP	840
1	251-0529	WIRING GP-CAB	170
1	255-5716	VALVE & MOUNTING GP	535
1	259-5045	WIRING GP	160
1	255-1663	LINES GP-PILOT	468
1	260-7986	LINES GP-PILOT	470
1	260-8008	LINES GP-FRONT	490
1	260-8009	LINES GP-FRONT	492

H90485E 01

259-7495 CONTROL AR-AUXILIARY
An Attachment

Consists of :

			Page
1	247-7491	FILM GP	848
1	260-7966	LINES GP-PILOT	478

H89978E 00

259-7483 VALVE AR-4 WAY
An Attachment

Consists of :

			Page
1	286-6495	LINES GP-BOOM CYLINDER	378
1	282-7161	LINES GP-RETURN	497
1	282-7162	LINES GP-PILOT	476

H94177E 00

270-5974 VALVE AR-CHECK & RELIEF
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment

Consists of :

			Page
1	242-6505	LINES GP-BOOM	396
1	260-7970	LINES GP-PILOT	477
1	262-3471	LINES GP-STICK CYLINDER	383

H90479E 01

239-8677 VALVE AR-CHECK & RELIEF
S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment

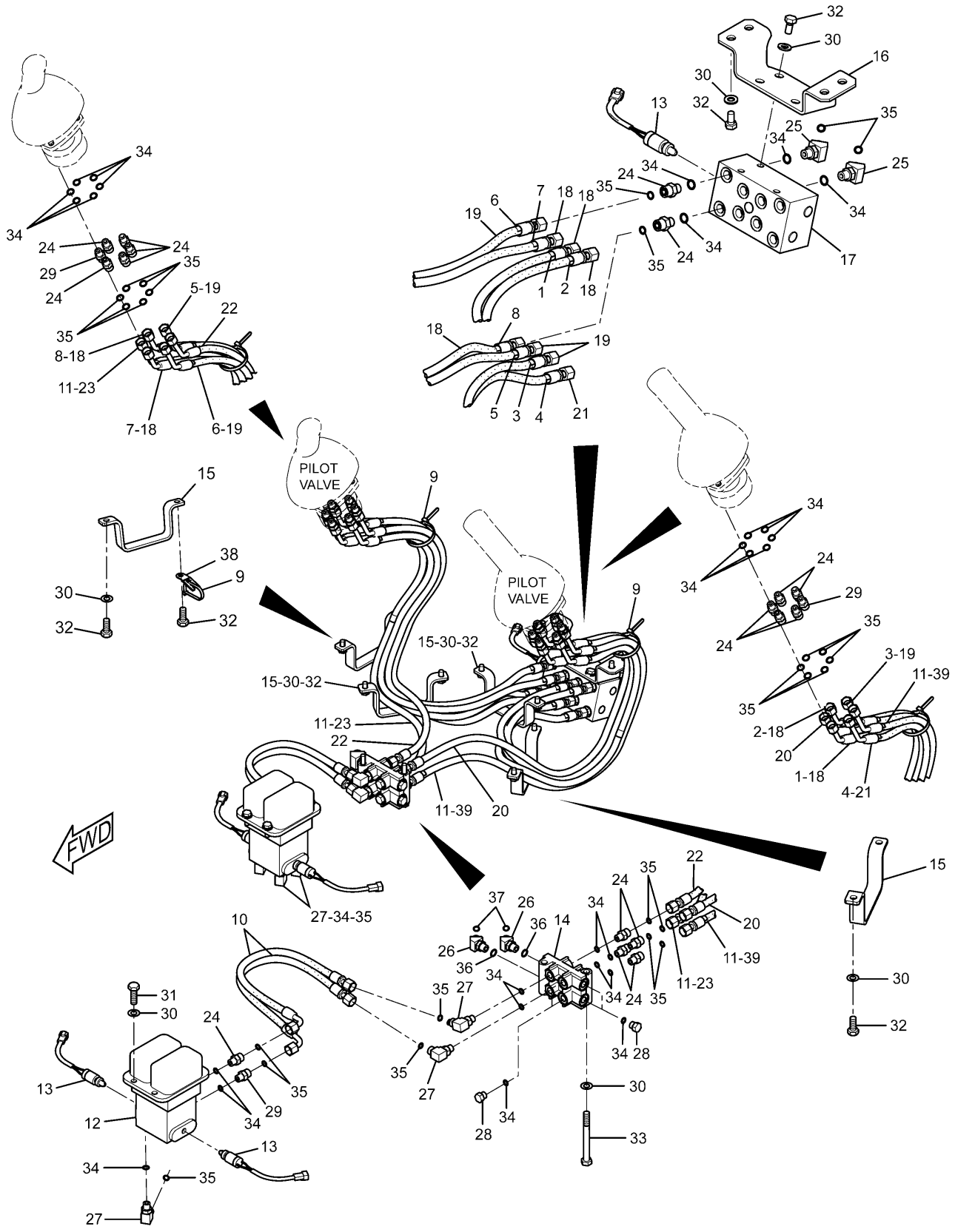
Consists of :

			Page
1	239-1726	LINES GP-FRONT	494
1	259-5046	WIRING GP	174

H89982E 00

247-7459 FILTER AR
Hammer Return Filter
An Attachment

MEMORANDA



248-9825 LINES GP-PILOT

Cab

270-5947-Page566,185-0462-Page603

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-9521	2	BAND (L1,RED)					
	2	4I-9522	2	BAND (L2,YELLOW)					
	3	4I-9523	2	BAND (L3,BLUE)					
	4	4I-9524	2	BAND (L4,BROWN)					
	5	4I-9525	2	BAND (R1,ORANGE)					
	6	4I-9526	2	BAND (R2,WHITE)					
	7	4I-9527	2	BAND (R3,GREEN)					
	8	4I-9528	2	BAND (R4,PURPLE)					
	9	7K-1181	3	STRAP					
	10	087-4402	2	HOSE AS (NOM 06, L=480mm)					
	11	133-5813	4	BAND (P,GRAY)					
Y	12	270-5947	1	VALVE GP					
	13	309-5769	3	SWITCH AS (PRESSURE)					
		102-8802	1	RECEPTACLE KIT					
		9X-3401	2	PIN					
	14	168-9759	1	BLOCK					
	15	184-9336	4	SUPPORT					
	16	185-0383	1	BRACKET					
Y	17	185-0462	1	VALVE GP					
	18	236-2843	4	HOSE AS (NOM 06, L=1200mm)					
	19	236-2844	3	HOSE AS (NOM 06, L=1200mm)					
	20	236-2848	1	HOSE AS (NOM 06, L=1090mm)					
	21	245-5079	1	HOSE AS (NOM 06, L=1210mm)					
	22	255-1665	1	HOSE AS (NOM 06, L=1050mm)					
	23	255-1666	1	HOSE AS (NOM 06, L=1130mm)					
	24	6V-8636	23	CONNECTOR					
	25	6V-9001	8	ELBOW					
	26	6V-9002	2	ELBOW					
	27	6V-8724	6	ELBOW					
	28	9S-4191	4	PLUG					
	29	107-6631	3	CONNECTOR					
	30	8T-4121	20	WASHER					
	31	8T-4136	4	BOLT (L=25mm)					
	32	8T-4137	15	BOLT (L=20mm)					
	33	8T-4198	2	BOLT (L=100mm)					
	34	3J-1907	44	SEAL-O-RING (ID=11.89mm)					
	35	6V-8397	40	SEAL-O-RING (OD=12.83mm)					
	36	3K-0360	2	SEAL-O-RING (ID=16.36mm)					
	37	6V-8398	2	SEAL-O-RING (OD=16.03mm)					
	38	4P-7581	1	CLIP					
	39	289-5657	1	HOSE AS (NOM 06, L=1090mm)					

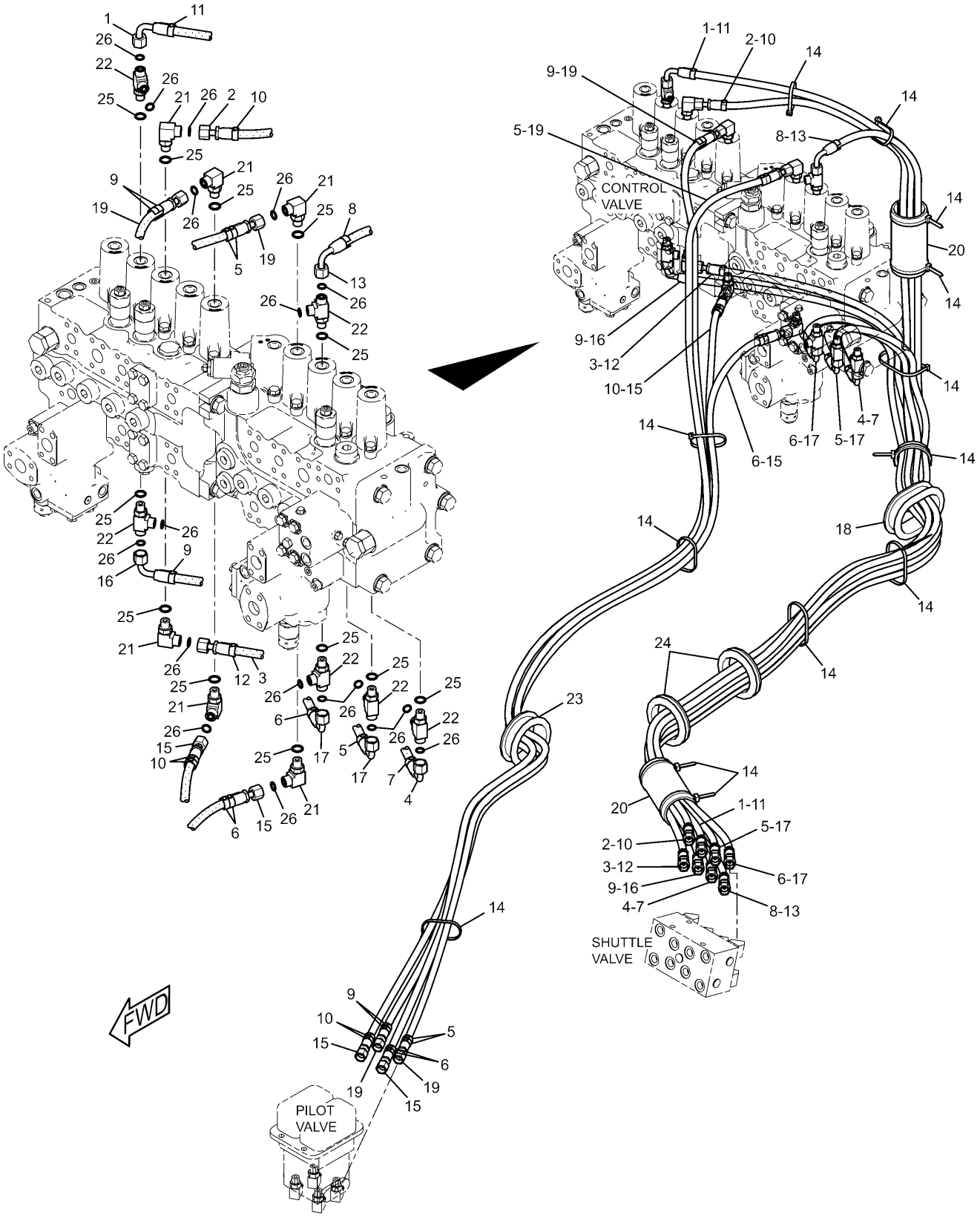
Y—SEE SEPARATE ILLUSTRATION

H99593E 05

248-9825 LINES GP-PILOT

Cab

270-5947-Page566,185-0462-Page603



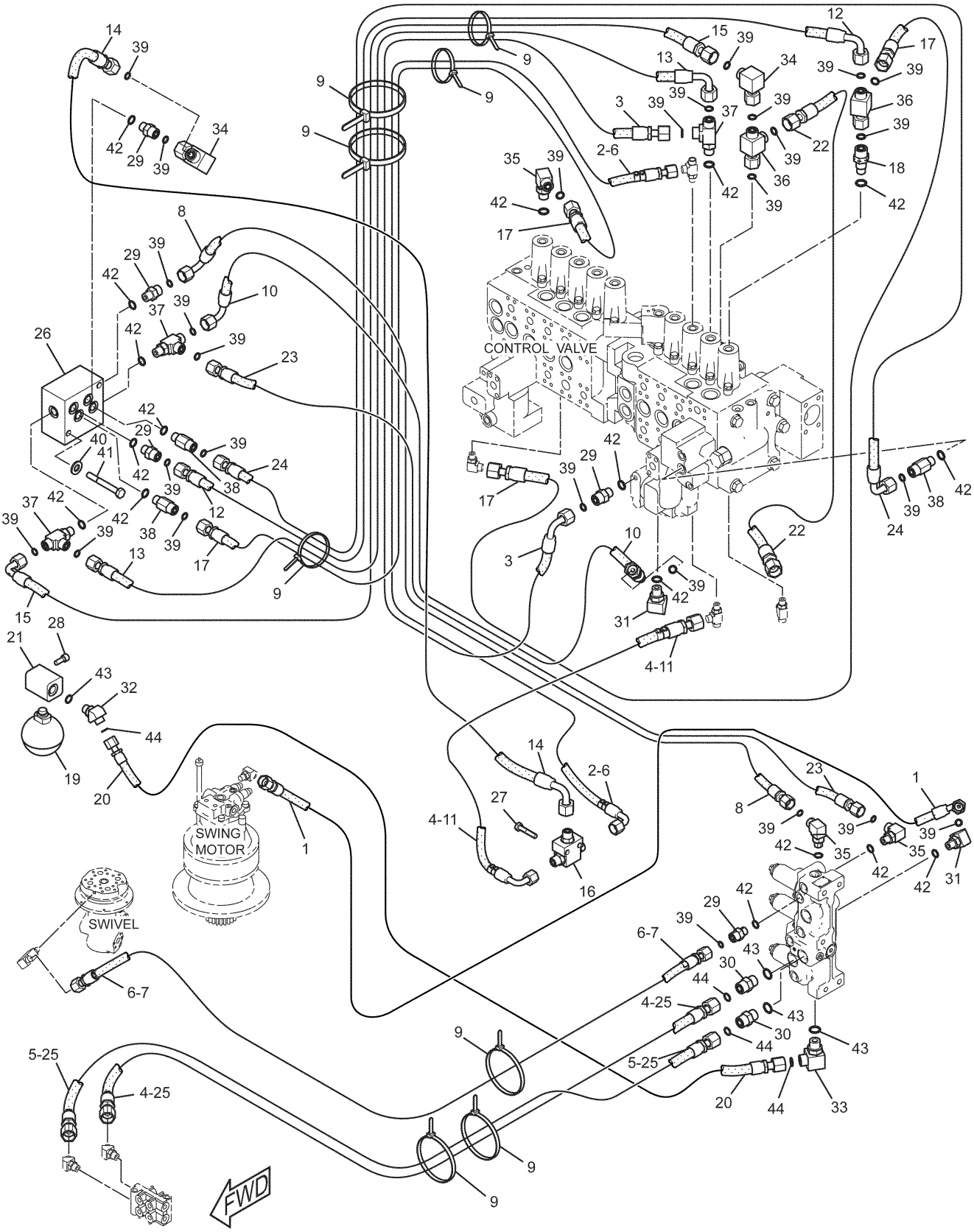
248-9850 LINES GP-PILOT
Control Valve

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-1631	1	HOSE AS (NOM 06, L=2850mm)					
	2	4I-3981	1	HOSE AS (NOM 06, L=2750mm)					
	3	4I-3994	1	HOSE AS (NOM 06, L=2300mm)					
	4	4I-6054	1	HOSE AS (NOM 06, L=2350mm)					
	5	4I-9521	6	BAND (L1,RED)					
	6	4I-9522	6	BAND (L2,YELLOW)					
	7	4I-9523	2	BAND (L3,BLUE)					
	8	4I-9524	2	BAND (L4,BROWN)					
	9	4I-9525	6	BAND (R1,ORANGE)					
	10	4I-9526	6	BAND (R2,WHITE)					
	11	4I-9527	2	BAND (R3,GREEN)					
	12	4I-9528	2	BAND (R4,PURPLE)					
	13	5I-8853	1	HOSE AS (NOM 06, L=2750mm)					
	14	7K-1181	13	STRAP					
	15	7Y-4193	2	HOSE AS (NOM 06, L=2500mm)					
	16	7Y-4390	1	HOSE AS (NOM 06, L=2400mm)					
	17	087-5303	2	HOSE AS (NOM 06, L=2300mm)					
	18	176-4708	1	GROMMET					
	19	221-4883	2	HOSE AS (NOM 06, L=2870mm)					
	20	115-8645	2	GUARD					
	21	6V-8724	6	ELBOW					
	22	6V-8781	6	TEE					
	23	202-4004	1	GROMMET					
	24	4I-3953	2	GROMMET					
	25	3J-1907	12	SEAL-O-RING (ID=11.89mm)					
	26	6V-8397	18	SEAL-O-RING (OD=12.83mm)					

H91792E 01

248-9850 LINES GP-PILOT
Control Valve



248-9851 LINES GP-PILOT (1/2)

Control Valve

S/N BWZ 1-01205, DFB 1-00254, SNS 1-00221, WJN 1-00144

164-6981-Page349,232-4102-Page582,259-7732-Page604

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-0818	1	HOSE AS (NOM 06, L=820mm)					
	2	4I-0836	1	HOSE AS (NOM 06, L=1200mm)					
E		205-3717		HOSE···(114cm)					
	3	4I-1739	1	HOSE AS (NOM 06, L=1020mm)					
	4	4I-9522	6	BAND (L2,YELLOW)					
	5	4I-9523	2	BAND (L3,BLUE)					
	6	4I-9524	6	BAND (L4,BROWN)					
	7	5I-4076	1	HOSE AS (NOM 06, L=1350mm)					
	8	5I-4396	1	HOSE AS (NOM 06, L=400mm)					
	9	7K-1181	8	STRAP					
	10	087-4411	1	HOSE AS (NOM 06, L=450mm)					
	11	087-4531	1	HOSE AS (NOM 06, L=600mm)					
	12	087-4534	1	HOSE AS (NOM 06, L=1190mm)					
	13	087-5774	1	HOSE AS (NOM 06, L=1060mm)					
	14	104-8838	1	HOSE AS (NOM 06, L=720mm)					
	15	110-5496	1	HOSE AS (NOM 06, L=1330mm)					
Y	16	259-7732	1	VALVE GP					
	17	143-4254	2	HOSE AS (NOM 06, L=1160mm)					
	18	285-1465	1	CONNECTOR					
Y	19	164-6981	1	ACCUMULATOR GP					
	20	164-8977	1	HOSE AS (NOM 08, L=410mm)					
	21	176-4469	1	BLOCK					
	22	176-4472	1	HOSE AS (NOM 06, L=680mm)					
	23	176-4768	1	HOSE AS (NOM 06, L=320mm)					
	24	4I-1780	1	HOSE AS (NOM 06, L=1450mm)					
	25	187-7070	2	HOSE AS (NOM 08, L=2180mm)					
Y	26	232-4102	1	VALVE GP					
	27	099-3649	2	BOLT (L=40mm)					
	28	105-3484	2	BOLT (L=25mm)					
	29	6V-8636	5	CONNECTOR					
	30	6V-8639	2	CONNECTOR					
	31	6V-9001	2	ELBOW					
	32	6V-9002	1	ELBOW					
	33	6V-8625	1	ELBOW					
	34	6V-9850	2	ELBOW					
	35	6V-8724	3	ELBOW					
	36	6V-9836	2	TEE					
	37	6V-8781	3	TEE					
	38	8T-1779	3	CONNECTOR					
	39	6V-8397	27	SEAL-O-RING (OD=12.83mm)					
	40	8T-4121	2	WASHER					
	41	8T-4172	2	BOLT (L=80mm)					
	42	3J-1907	17	SEAL-O-RING (ID=11.89mm)					
	43	3K-0360	4	SEAL-O-RING (ID=16.36mm)					
	44	6V-8398	4	SEAL-O-RING (OD=16.03mm)					

E—ORDER BY THE CENTIMETER

Y—SEE SEPARATE ILLUSTRATION

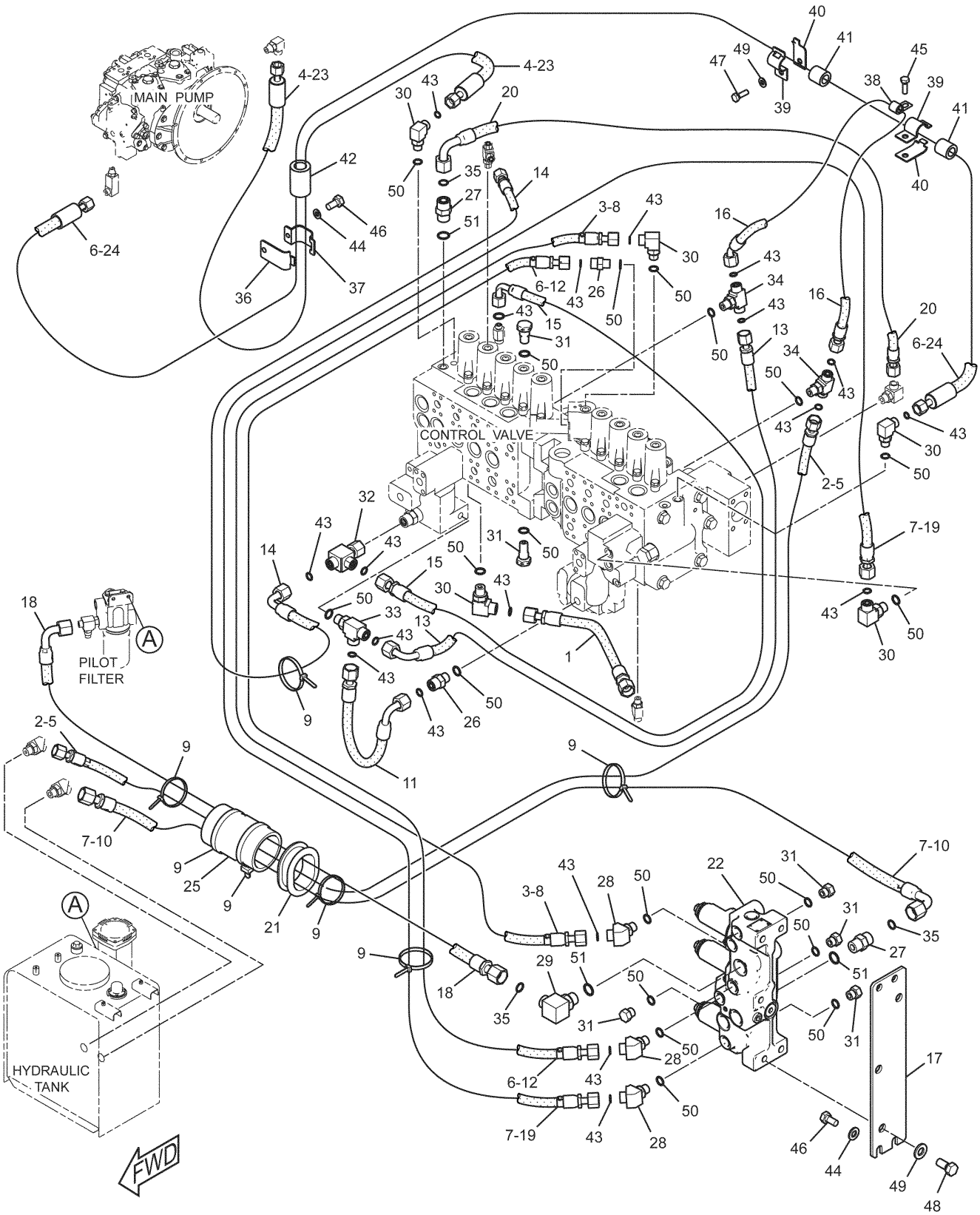
H99600E 05

248-9851 LINES GP-PILOT (1/2)

Control Valve

S/N BWZ 1-01205, DFB 1-00254, SNS 1-00221, WJN 1-00144

164-6981-Page349,232-4102-Page582,259-7732-Page604



248-9851 LINES GP-PILOT (2/2)

Control Valve

S/N BWZ 1-01205, DFB 1-00254, SNS 1-00221, WJN 1-00144

215-5037-Page577

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-5906	1	HOSE AS (NOM 06, L=600mm)					
	2	4I-5933	1	HOSE AS (NOM 06, L=1600mm)					
	3	4I-9521	2	BAND (L1,RED)					
	4	4I-9523	2	BAND (L3,BLUE)					
	5	4I-9525	2	BAND (R1,ORANGE)					
	6	4I-9527	4	BAND (R3,GREEN)					
	7	4I-9528	4	BAND (R4,PURPLE)					
	8	5I-8708	1	HOSE AS (NOM 06, L=950mm)					
	9	7K-1181	7	STRAP					
	10	7Y-8487	1	HOSE AS (NOM 08, L=1165mm)					
	11	087-4531	1	HOSE AS (NOM 06, L=600mm)					
	12	087-5760	1	HOSE AS (NOM 06, L=1030mm)					
	13	087-5762	1	HOSE AS (NOM 06, L=440mm)					
	14	087-5772	1	HOSE AS (NOM 06, L=1000mm)					
	15	087-5774	1	HOSE AS (NOM 06, L=1060mm)					
	16	164-8983	1	HOSE AS (NOM 06, L=720mm)					
	17	176-4463	1	PLATE					
	18	176-4471	1	HOSE AS (NOM 08, L=1750mm)					
	19	4I-1037	1	HOSE AS (NOM 06, L=1400mm)					
	20	302-3168	1	HOSE AS (NOM 08, L=800mm)					
	21	202-4004	1	GROMMET					
Y	22	215-5037	1	VALVE GP					
	23	266-1098	1	HOSE AS (NOM 06, L=1700mm)					
	24	286-6760	1	HOSE AS (NOM 06, L=1850mm)					
	25	115-8645	1	GUARD					
	26	6V-8636	2	CONNECTOR					
	27	6V-8639	2	CONNECTOR					
	28	6V-9001	3	ELBOW					
	29	6V-8625	1	ELBOW					
	30	6V-8724	5	ELBOW					
	31	9S-4191	6	PLUG					
	32	6V-9836	1	TEE					
	33	6V-8781	1	TEE					
	34	6V-8774	2	TEE					
	35	6V-8398	3	SEAL-O-RING (OD=16.03mm)					
	36	275-1442	1	CLIP					
	37	275-1443	1	CLIP					
	38	4K-8864	1	CLIP					
	39	5P-7462	2	CLIP					
	40	5P-7463	2	CLIP					
	41	6V-0683	2	GROMMET					
	42	275-1444	1	GROMMET					
	43	6V-8397	19	SEAL-O-RING (OD=12.83mm)					
	44	8T-4121	5	WASHER					
	45	8T-4136	1	BOLT (L=25mm)					
	46	8T-4137	5	BOLT (L=20mm)					
	47	8T-4183	1	BOLT (L=40mm)					
	48	8T-4192	3	BOLT (L=25mm)					
	49	8T-4223	4	WASHER					
	50	3J-1907	19	SEAL-O-RING (ID=11.89mm)					
	51	3K-0360	3	SEAL-O-RING (ID=16.36mm)					

Y—SEE SEPARATE ILLUSTRATION

H99601E 05

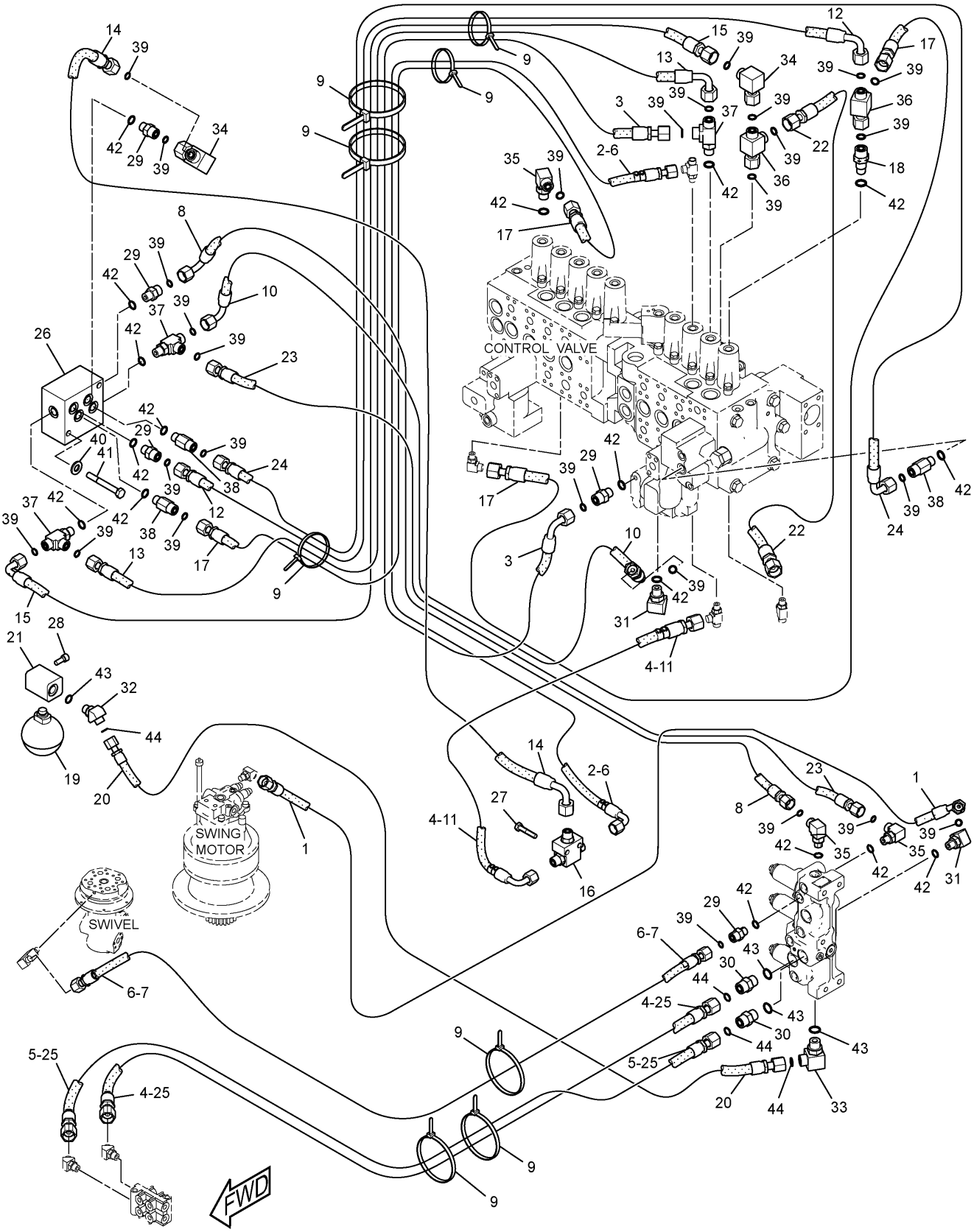
248-9851 LINES GP-PILOT (2/2)

Control Valve

S/N BWZ 1-01205, DFB 1-00254, SNS 1-00221, WJN 1-00144

215-5037-Page577

HYDRAULIC SYSTEM



248-9851 LINES GP-PILOT (1/2)

Control Valve

S/N BWZ 01206-Up, DFB 00255-Up, SNS 00222-Up, WJN 00145-Up

164-6981-Page349,232-4102-Page582,259-7732-Page604

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-0818	1	HOSE AS (NOM 06, L=820mm)					
	2	4I-0836	1	HOSE AS (NOM 06, L=1200mm)					
	3	4I-1739	1	HOSE AS (NOM 06, L=1020mm)					
	4	4I-9522	6	BAND (L2,YELLOW)					
	5	4I-9523	2	BAND (L3,BLUE)					
	6	4I-9524	6	BAND (L4,BROWN)					
	7	5I-4076	1	HOSE AS (NOM 06, L=1350mm)					
	8	5I-4396	1	HOSE AS (NOM 06, L=400mm)					
	9	7K-1181	8	STRAP					
	10	087-4411	1	HOSE AS (NOM 06, L=450mm)					
	11	087-4531	1	HOSE AS (NOM 06, L=600mm)					
	12	087-4534	1	HOSE AS (NOM 06, L=1190mm)					
	13	087-5774	1	HOSE AS (NOM 06, L=1060mm)					
	14	104-8838	1	HOSE AS (NOM 06, L=720mm)					
	15	110-5496	1	HOSE AS (NOM 06, L=1330mm)					
Y	16	259-7732	1	VALVE GP					
	17	143-4254	2	HOSE AS (NOM 06, L=1160mm)					
	18	285-1465	1	CONNECTOR					
Y	19	164-6981	1	ACCUMULATOR GP					
	20	164-8977	1	HOSE AS (NOM 08, L=410mm)					
	21	176-4469	1	BLOCK					
	22	176-4472	1	HOSE AS (NOM 06, L=680mm)					
	23	176-4768	1	HOSE AS (NOM 06, L=320mm)					
	24	4I-1780	1	HOSE AS (NOM 06, L=1450mm)					
	25	187-7070	2	HOSE AS (NOM 08, L=2180mm)					
Y	26	232-4102	1	VALVE GP					
	27	099-3649	2	BOLT (L=40mm)					
	28	105-3484	2	BOLT (L=25mm)					
	29	6V-8636	5	CONNECTOR					
	30	6V-8639	2	CONNECTOR					
	31	6V-9001	2	ELBOW					
	32	6V-9002	1	ELBOW					
	33	6V-8625	1	ELBOW					
	34	6V-9850	2	ELBOW					
	35	6V-8724	3	ELBOW					
	36	6V-9836	2	TEE					
	37	6V-8781	3	TEE					
	38	8T-1779	3	CONNECTOR					
	39	6V-8397	27	SEAL-O-RING (OD=12.83mm)					
	40	8T-4121	2	WASHER					
	41	8T-4172	2	BOLT (L=80mm)					
	42	3J-1907	17	SEAL-O-RING (ID=11.89mm)					
	43	3K-0360	4	SEAL-O-RING (ID=16.36mm)					
	44	6V-8398	4	SEAL-O-RING (OD=16.03mm)					

Y—SEE SEPARATE ILLUSTRATION

H98393E 07

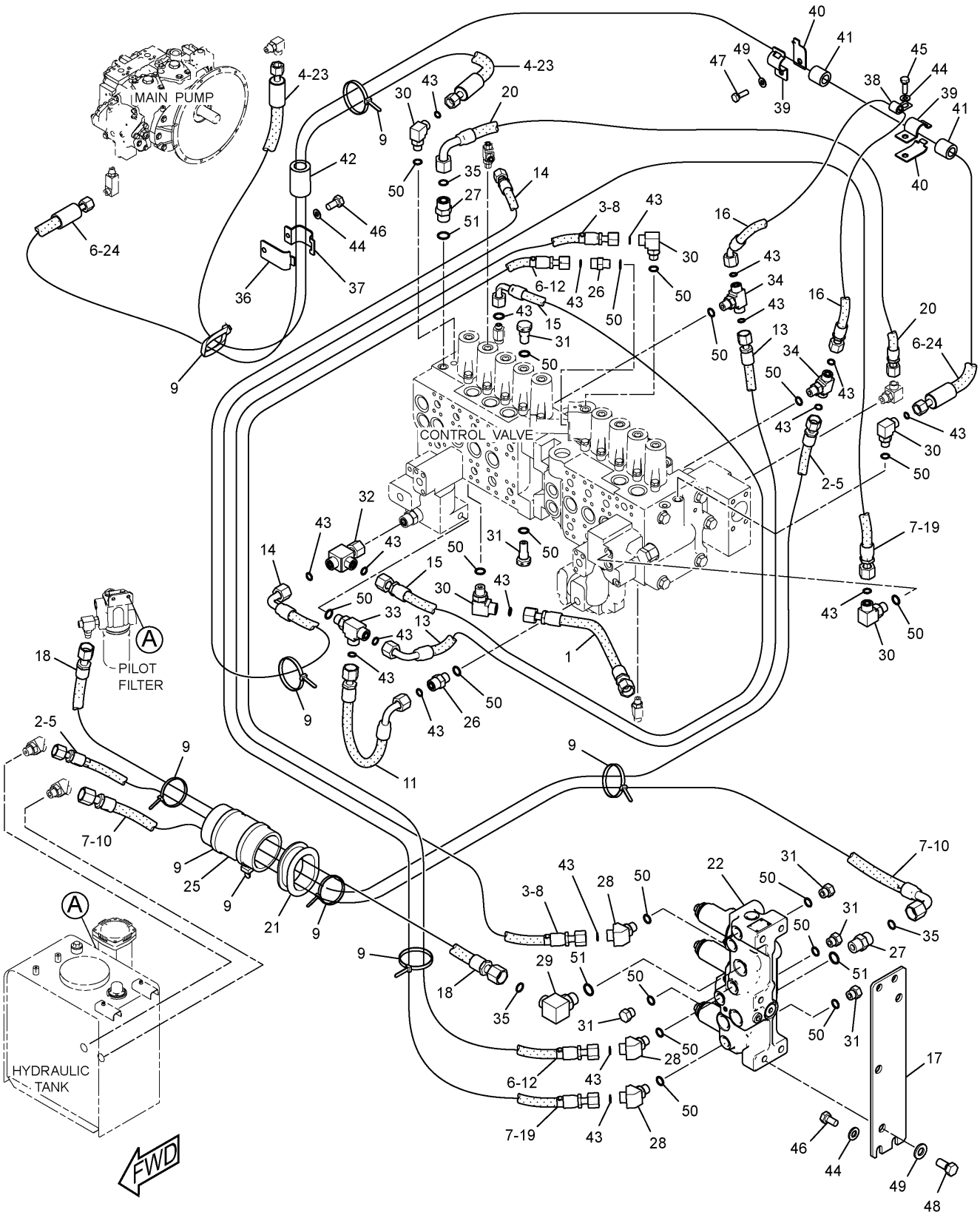
248-9851 LINES GP-PILOT (1/2)

Control Valve

S/N BWZ 01206-Up, DFB 00255-Up, SNS 00222-Up, WJN 00145-Up

164-6981-Page349,232-4102-Page582,259-7732-Page604

HYDRAULIC SYSTEM



248-9851 LINES GP-PILOT (2/2)

Control Valve

S/N BWZ 01206-Up, DFB 00255-Up, SNS 00222-Up, WJN 00145-Up

215-5037-Page577

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-5906	1	HOSE AS (NOM 06, L=600mm)					
	2	4I-5933	1	HOSE AS (NOM 06, L=1600mm)					
	3	4I-9521	2	BAND (L1,RED)					
	4	4I-9523	2	BAND (L3,BLUE)					
	5	4I-9525	2	BAND (R1,ORANGE)					
	6	4I-9527	4	BAND (R3,GREEN)					
	7	4I-9528	4	BAND (R4,PURPLE)					
	8	5I-8708	1	HOSE AS (NOM 06, L=950mm)					
	9	7K-1181	9	STRAP					
	10	7Y-8487	1	HOSE AS (NOM 08, L=1165mm)					
	11	087-4531	1	HOSE AS (NOM 06, L=600mm)					
	12	087-5760	1	HOSE AS (NOM 06, L=1030mm)					
	13	087-5762	1	HOSE AS (NOM 06, L=440mm)					
	14	087-5772	1	HOSE AS (NOM 06, L=1000mm)					
	15	087-5774	1	HOSE AS (NOM 06, L=1060mm)					
	16	164-8983	1	HOSE AS (NOM 06, L=720mm)					
	17	176-4463	1	PLATE					
	18	199-1965	1	HOSE AS (NOM 08, L=1750mm)					
	19	4I-1037	1	HOSE AS (NOM 06, L=1400mm)					
	20	314-8128	1	HOSE AS (NOM 08, L=780mm)					
	21	202-4004	1	GROMMET					
Y	22	215-5037	1	VALVE GP					
	23	266-1098	1	HOSE AS (NOM 06, L=1700mm)					
	24	286-6760	1	HOSE AS (NOM 06, L=1850mm)					
	25	115-8645	1	GUARD					
	26	6V-8636	2	CONNECTOR					
	27	6V-8639	2	CONNECTOR					
	28	6V-9001	3	ELBOW					
	29	6V-8625	1	ELBOW					
	30	6V-8724	5	ELBOW					
	31	9S-4191	6	PLUG					
	32	6V-9836	1	TEE					
	33	6V-8781	1	TEE					
	34	6V-8774	2	TEE					
	35	6V-8398	3	SEAL-O-RING (OD=16.03mm)					
	36	275-1442	1	CLIP					
	37	275-1443	1	CLIP					
	38	4K-8864	1	CLIP					
	39	5P-7462	2	CLIP					
	40	5P-7463	2	CLIP					
	41	6V-0683	2	GROMMET					
	42	275-1444	1	GROMMET					
	43	6V-8397	19	SEAL-O-RING (OD=12.83mm)					
	44	8T-4121	6	WASHER					
	45	8T-4136	1	BOLT (L=25mm)					
	46	8T-4137	5	BOLT (L=20mm)					
	47	8T-4183	1	BOLT (L=40mm)					
	48	8T-4192	3	BOLT (L=25mm)					
	49	8T-4223	4	WASHER					
	50	3J-1907	19	SEAL-O-RING (ID=11.89mm)					
	51	3K-0360	3	SEAL-O-RING (ID=16.36mm)					

Y—SEE SEPARATE ILLUSTRATION

H98394E 07

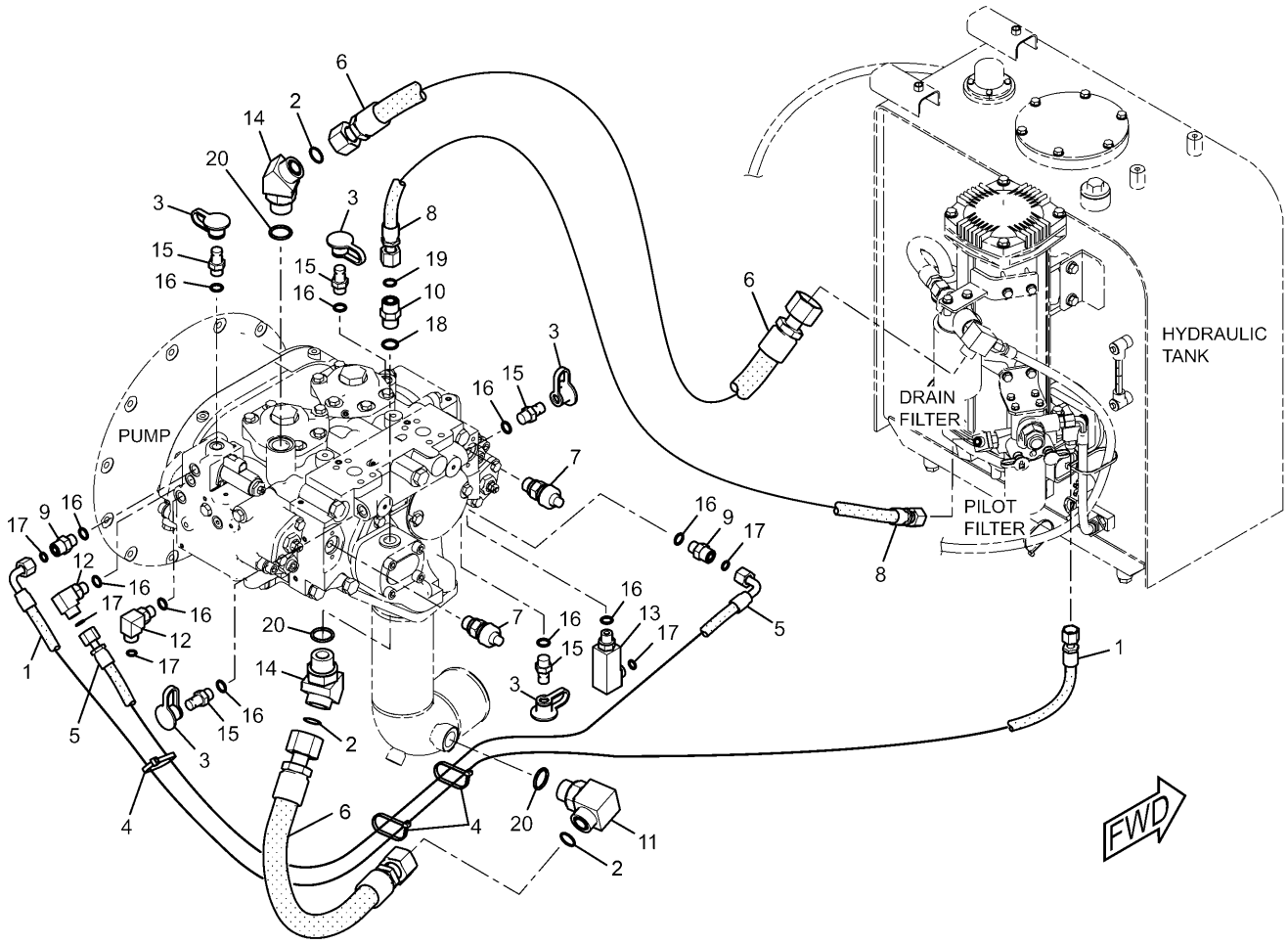
248-9851 LINES GP-PILOT (2/2)

Control Valve

S/N BWZ 01206-Up, DFB 00255-Up, SNS 00222-Up, WJN 00145-Up

215-5037-Page577

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-5795	1	HOSE AS (NOM 06, L=1250mm)		19	6V-8398	1	SEAL-O-RING (OD=16.03mm)
	2	6V-9746	3	SEAL-O-RING (OD=22.50mm)		20	3D-2824	3	SEAL-O-RING (ID=23.47mm)
	3	6V-0852	5	CAP					
	4	7K-1181	3	STRAP					
	5	7Y-8379	1	HOSE AS (NOM 06, L=800mm)					
	6	176-4743	2	HOSE AS (NOM 12, L=450mm)					
	7	221-8859	2	SENSOR AS					
		3K-0360	1	SEAL-O-RING (ID=16.36mm)					
		9X-3401	3	PIN					
	8	266-1028	1	HOSE AS (NOM 08, L=500mm)					
	9	6V-8636	2	CONNECTOR					
	10	6V-8639	1	CONNECTOR					
	11	6V-9007	1	ELBOW					
	12	6V-8724	2	ELBOW					
	13	8T-1905	1	ELBOW					
	14	6V-9004	2	ELBOW					
	15	6V-3965	5	NIPPLE AS					
	16	3J-1907	10	SEAL-O-RING (ID=11.89mm)					
	17	6V-8397	5	SEAL-O-RING (OD=12.83mm)					
	18	3K-0360	1	SEAL-O-RING (ID=16.36mm)					

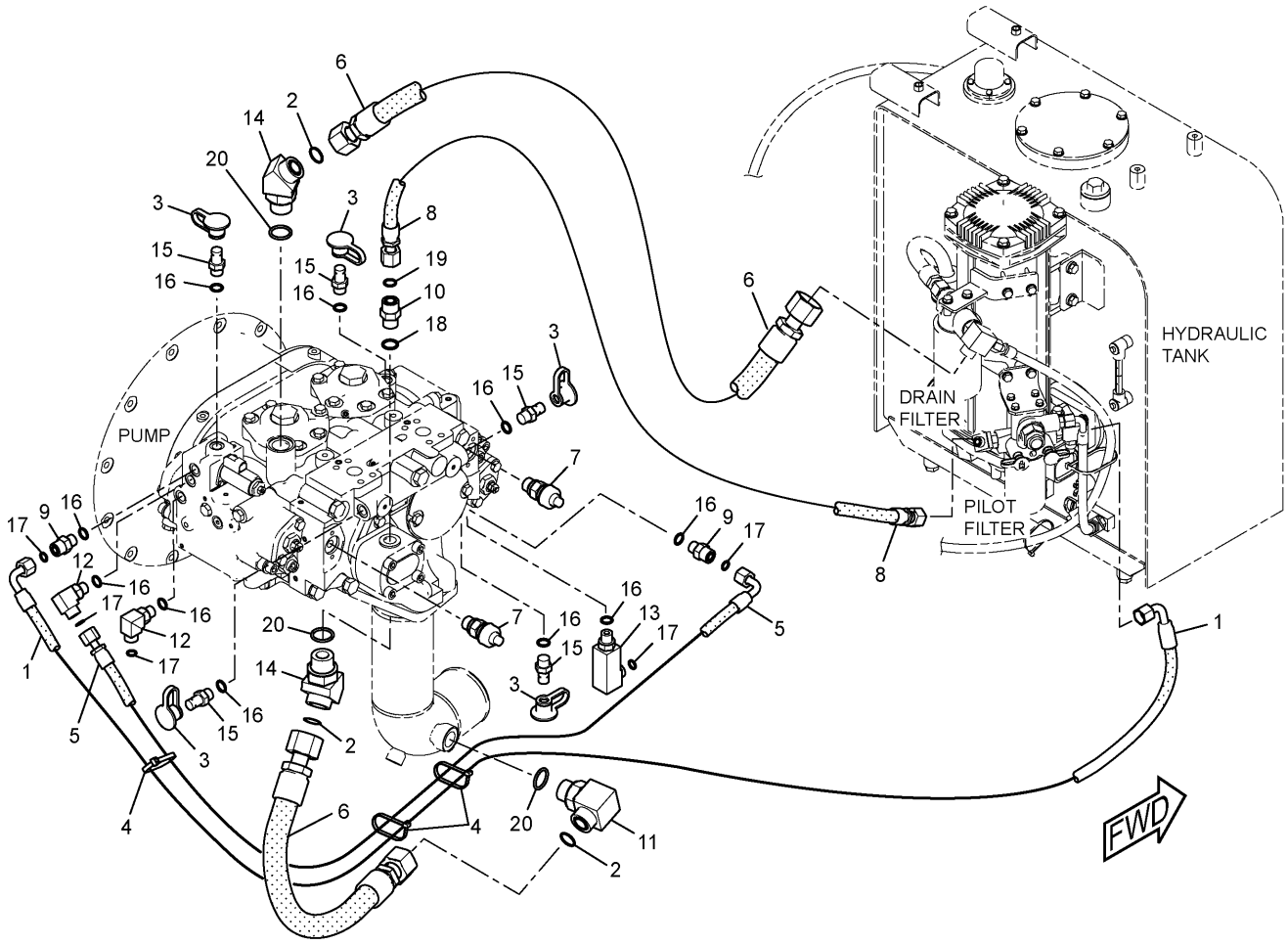
H96436E 04

248-9852 LINES GP-PILOT

Pump

S/N BWZ 1-01205, DFB 1-00254, SNS 1-00221, WJN 1-00144

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	307-5120	1	HOSE AS (NOM 06, L=1350mm)		19	6V-8398	1	SEAL-O-RING (OD=16.03mm)
	2	6V-9746	3	SEAL-O-RING (OD=22.50mm)		20	3D-2824	3	SEAL-O-RING (ID=23.47mm)
	3	6V-0852	5	CAP					
	4	7K-1181	3	STRAP					
	5	7Y-8379	1	HOSE AS (NOM 06, L=800mm)					
	6	176-4743	2	HOSE AS (NOM 12, L=450mm)					
	7	221-8859	2	SENSOR AS					
		3K-0360	1	SEAL-O-RING (ID=16.36mm)					
		9X-3401	3	PIN					
	8	266-1028	1	HOSE AS (NOM 08, L=500mm)					
	9	6V-8636	2	CONNECTOR					
	10	6V-8639	1	CONNECTOR					
	11	6V-9007	1	ELBOW					
	12	6V-8724	2	ELBOW					
	13	8T-1905	1	ELBOW					
	14	6V-9004	2	ELBOW					
	15	6V-3965	5	NIPPLE AS					
	16	3J-1907	10	SEAL-O-RING (ID=11.89mm)					
	17	6V-8397	5	SEAL-O-RING (OD=12.83mm)					
	18	3K-0360	1	SEAL-O-RING (ID=16.36mm)					

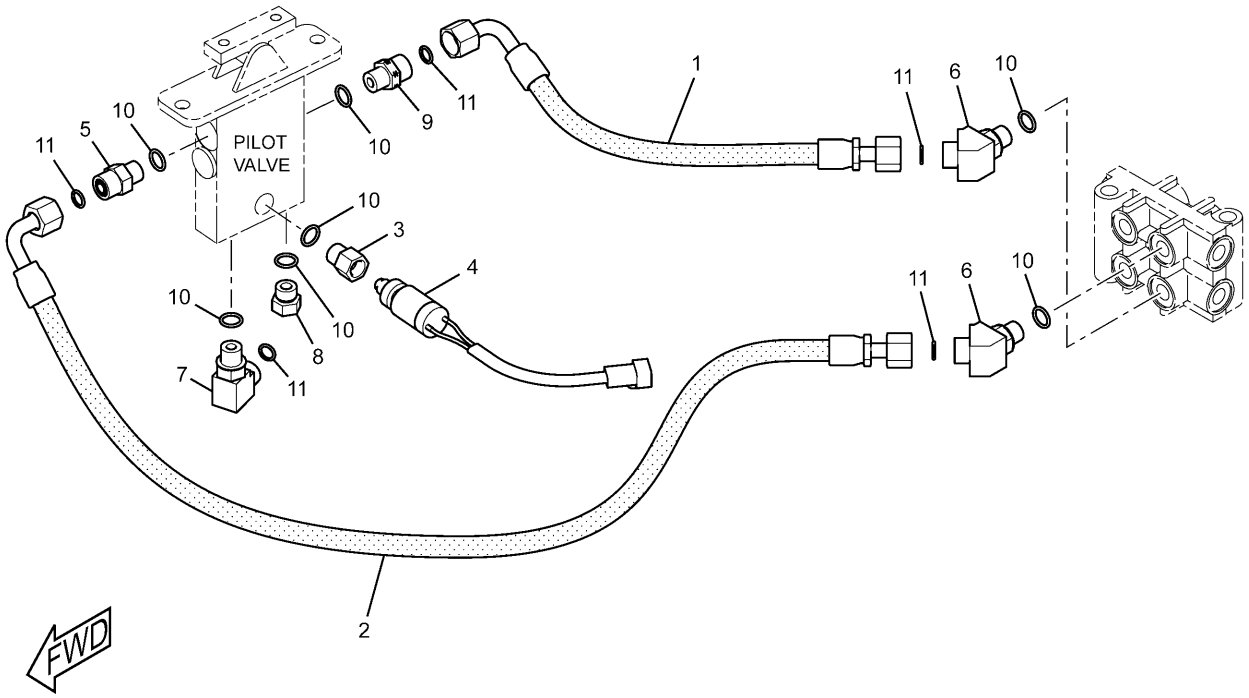
HA1996E 06

248-9852 LINES GP-PILOT

Pump

S/N BWZ 01206-Up, DFB 00255-Up, SNS 00222-Up, WJN 00145-Up

MEMORANDA

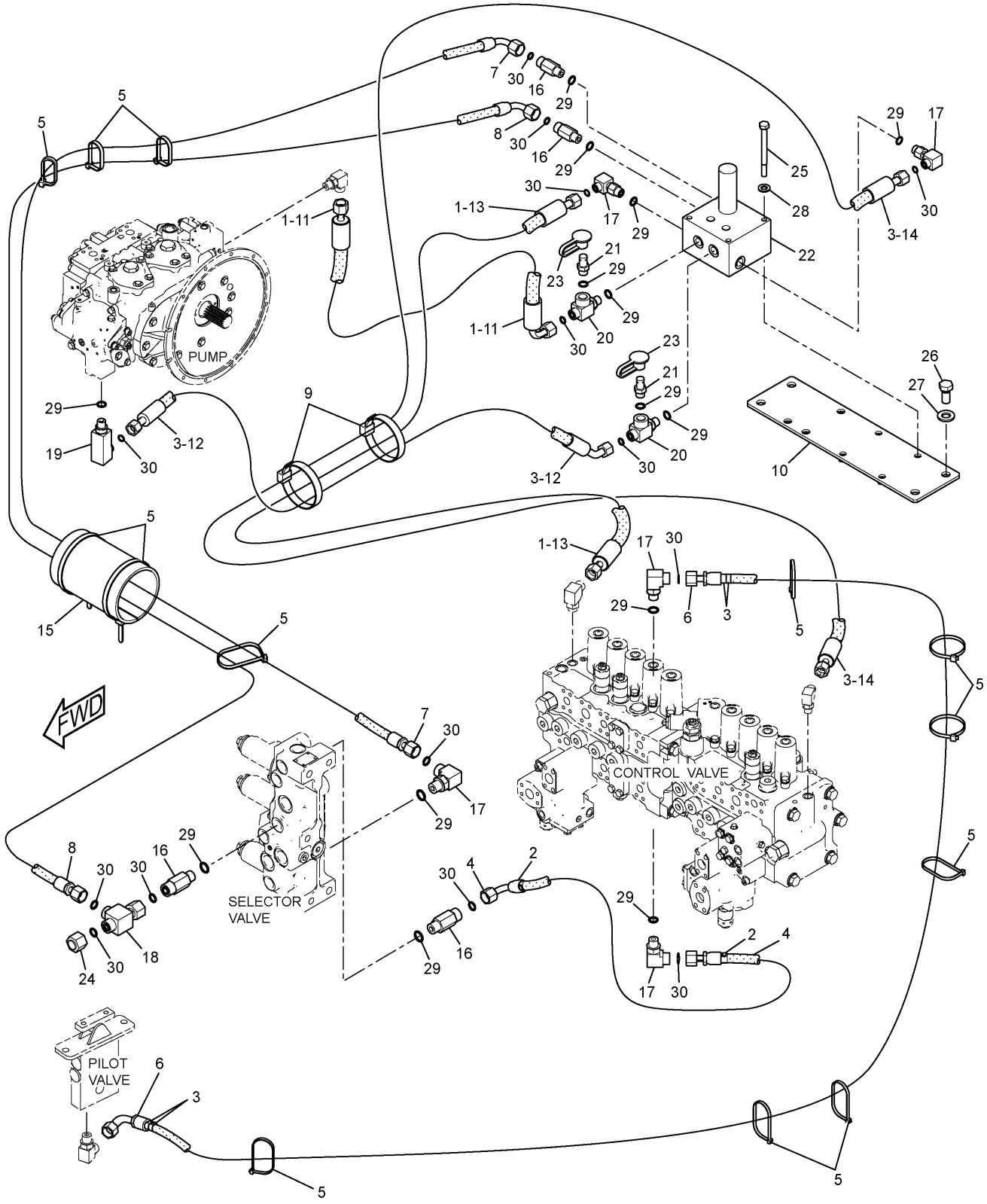


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-1704	1	HOSE AS (NOM 06, L=330mm)					
	2	087-4402	1	HOSE AS (NOM 06, L=480mm)					
	3	108-7516	1	FITTING					
	4	309-5769	1	SWITCH AS (PRESSURE)					
		102-8802	1	RECEPTACLE KIT					
		9X-3401	2	PIN					
	5	6V-8636	1	CONNECTOR					
	6	6V-9001	2	ELBOW					
	7	6V-8724	1	ELBOW					
	8	9S-4191	1	PLUG					
	9	107-6631	1	CONNECTOR					
	10	3J-1907	7	SEAL-O-RING (ID=11.89mm)					
	11	6V-8397	5	SEAL-O-RING (OD=12.83mm)					

H99595E 03

255-1800 LINES GP-PILOT

Part of 259-7492,259-7494-Page443
An Attachment



260-7971 LINES GP-PILOT
Part of 259-7492-Page443
171-0188-Page575
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-9523	4	BAND (L3,BLUE)					
	2	4I-9524	2	BAND (L4,BROWN)					
	3	4I-9527	8	BAND (R3,GREEN)					
	4	5I-4396	1	HOSE AS (NOM 06, L=400mm)					
	5	7K-1181	13	STRAP					
	6	7Y-4399	1	HOSE AS (NOM 06, L=3550mm)					
	7	108-7375	1	HOSE AS (NOM 06, L=1800mm)					
	8	111-0988	1	HOSE AS (NOM 06, L=1950mm)					
	9	136-0207	2	STRAP					
	10	266-1108	1	SUPPORT AS					
	11	266-1133	1	HOSE AS (NOM 06, L=420mm)					
	12	278-6470	1	HOSE AS (NOM 06, L=550mm)					
	13	266-1139	1	HOSE AS (NOM 06, L=1640mm)					
	14	296-6975	1	HOSE AS (NOM 06, L=2350mm)					
	15	124-1008	1	GUARD					
	16	8T-0075	4	CONNECTOR					
	17	6V-8724	5	ELBOW					
	18	6V-9836	1	TEE					
	19	8T-1905	1	ELBOW					
	20	3E-2310	2	TEE					
	21	6V-3965	2	NIPPLE AS					
Y	22	171-0188	1	VALVE GP					
	23	6V-0852	2	CAP					
	24	6V-9829	1	CAP AS					
	25	8T-4177	4	BOLT (L=90mm)					
	26	8T-4192	4	BOLT (L=25mm)					
	27	8T-4223	4	WASHER					
	28	8T-4224	4	WASHER					
	29	3J-1907	14	SEAL-O-RING (ID=11.89mm)					
	30	6V-8397	14	SEAL-O-RING (OD=12.83mm)					

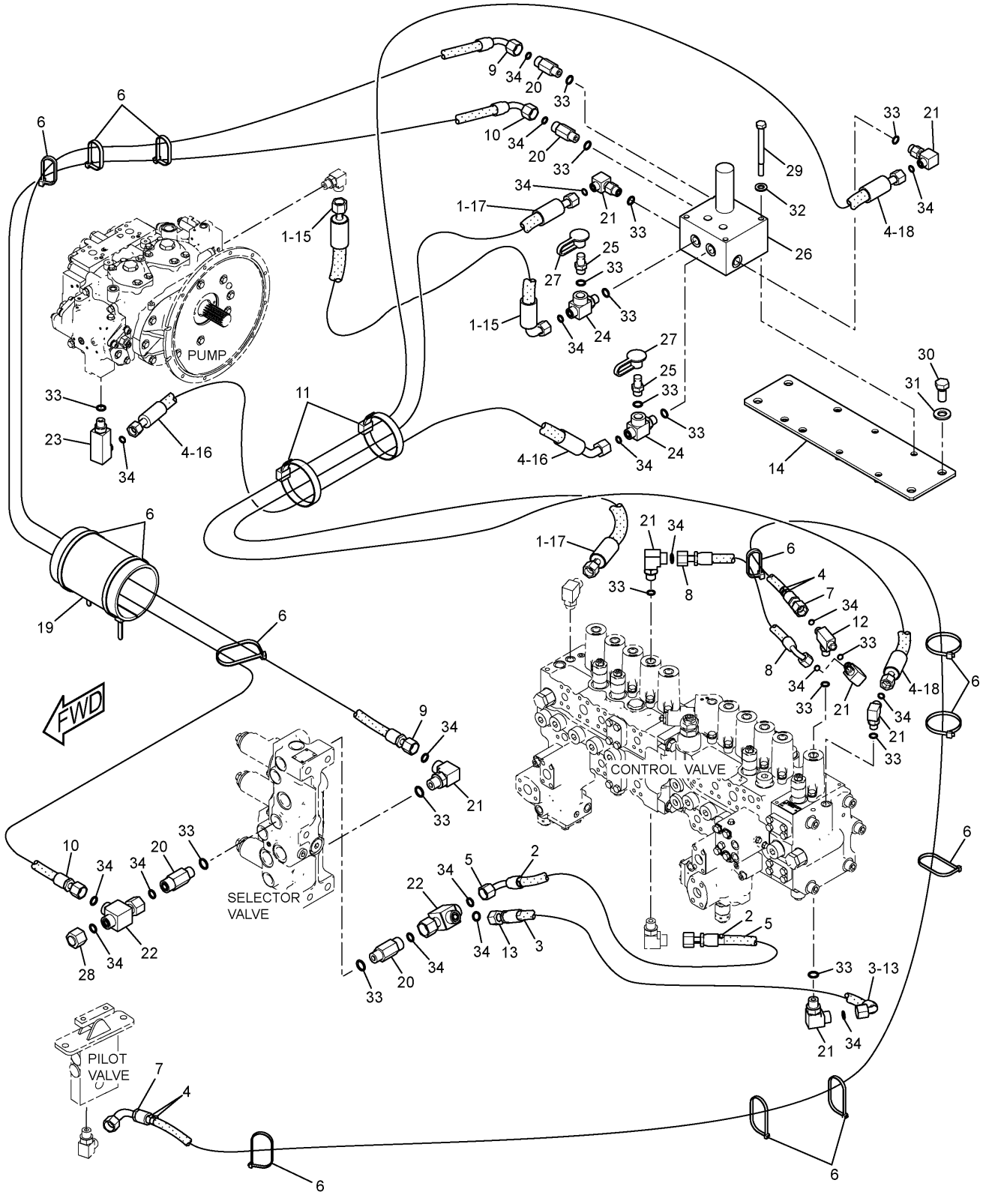
Y—SEE SEPARATE ILLUSTRATION

H99652E 05

260-7971 LINES GP-PILOT

Part of 259-7492-Page443
171-0188-Page575
An Attachment

HYDRAULIC SYSTEM



260-7972 LINES GP-PILOT
Part of 259-7494-Page443
171-0188-Page575
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-9523	4	BAND (L3,BLUE)					
	2	4I-9524	2	BAND (L4,BROWN)					
	3	4I-9525	2	BAND (R1,ORANGE)					
	4	4I-9527	8	BAND (R3,GREEN)					
	5	5I-4396	1	HOSE AS (NOM 06, L=400mm)					
	6	7K-1181	13	STRAP					
	7	7Y-4399	1	HOSE AS (NOM 06, L=3550mm)					
	8	087-5766	1	HOSE AS (NOM 06, L=680mm)					
	9	108-7375	1	HOSE AS (NOM 06, L=1800mm)					
	10	111-0988	1	HOSE AS (NOM 06, L=1950mm)					
	11	136-0207	2	STRAP					
	12	7X-2459	1	TEE					
	13	4I-1671	1	HOSE AS (NOM 06, L=370mm)					
	14	266-1108	1	SUPPORT AS					
	15	266-1133	1	HOSE AS (NOM 06, L=420mm)					
	16	278-6470	1	HOSE AS (NOM 06, L=550mm)					
	17	266-1139	1	HOSE AS (NOM 06, L=1640mm)					
	18	266-1142	1	HOSE AS (NOM 06, L=2400mm)					
	19	124-1008	1	GUARD					
	20	8T-0075	4	CONNECTOR					
	21	6V-8724	8	ELBOW					
	22	6V-9836	2	TEE					
	23	8T-1905	1	ELBOW					
	24	3E-2310	2	TEE					
	25	6V-3965	2	NIPPLE AS					
Y	26	171-0188	1	VALVE GP					
	27	6V-0852	2	CAP					
	28	6V-9829	1	CAP AS					
	29	8T-4177	4	BOLT (L=90mm)					
	30	8T-4192	4	BOLT (L=25mm)					
	31	8T-4223	4	WASHER					
	32	8T-4224	4	WASHER					
	33	3J-1907	17	SEAL-O-RING (ID=11.89mm)					
	34	6V-8397	19	SEAL-O-RING (OD=12.83mm)					

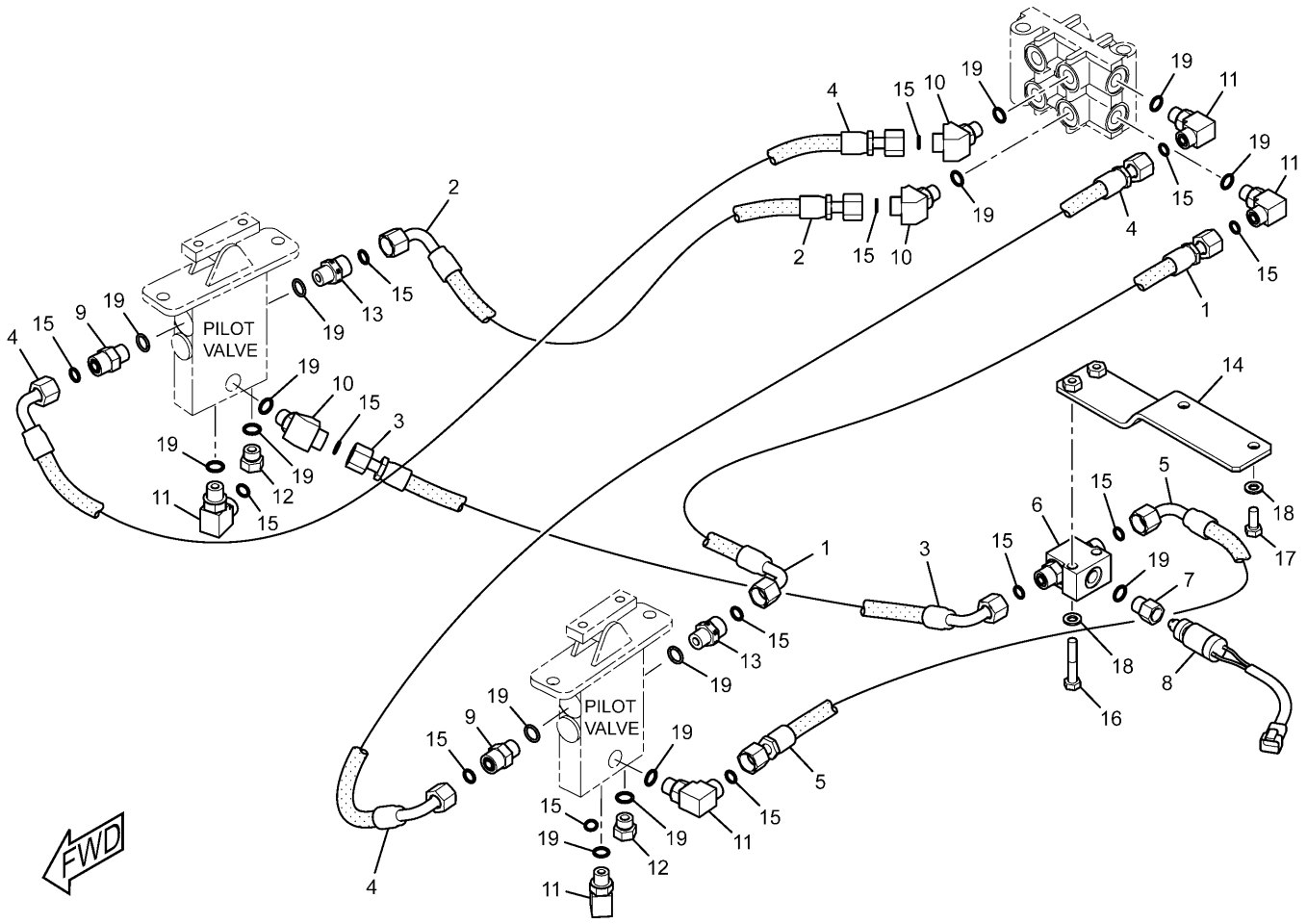
Y—SEE SEPARATE ILLUSTRATION

H99656E 05

260-7972 LINES GP-PILOT

Part of 259-7494-Page443
171-0188-Page575
An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-1025	1	HOSE AS (NOM 06, L=300mm)		19	3J-1907	15	SEAL-O-RING (ID=11.89mm)
	2	4I-1704	1	HOSE AS (NOM 06, L=330mm)					
	3	5I-4396	1	HOSE AS (NOM 06, L=400mm)					
	4	087-4402	2	HOSE AS (NOM 06, L=480mm)					
	5	087-6585	1	HOSE AS (NOM 06, L=350mm)					
Y	6	123-2430	1	VALVE GP					
	7	108-7516	1	FITTING					
	8	309-5769	1	SWITCH AS (PRESSURE)					
		102-8802	1	RECEPTACLE KIT					
		9X-3401	2	PIN					
	9	6V-8636	2	CONNECTOR					
	10	6V-9001	3	ELBOW					
	11	6V-8724	5	ELBOW					
	12	9S-4191	2	PLUG					
	13	107-6631	2	CONNECTOR					
	14	179-7578	1	SUPPORT AS					
	15	6V-8397	14	SEAL-O-RING (OD=12.83mm)					
	16	7X-0818	2	BOLT (L=45mm)					
	17	8T-4189	2	BOLT (L=20mm)					
	18	8T-4224	4	WASHER					

Y—SEE SEPARATE ILLUSTRATION

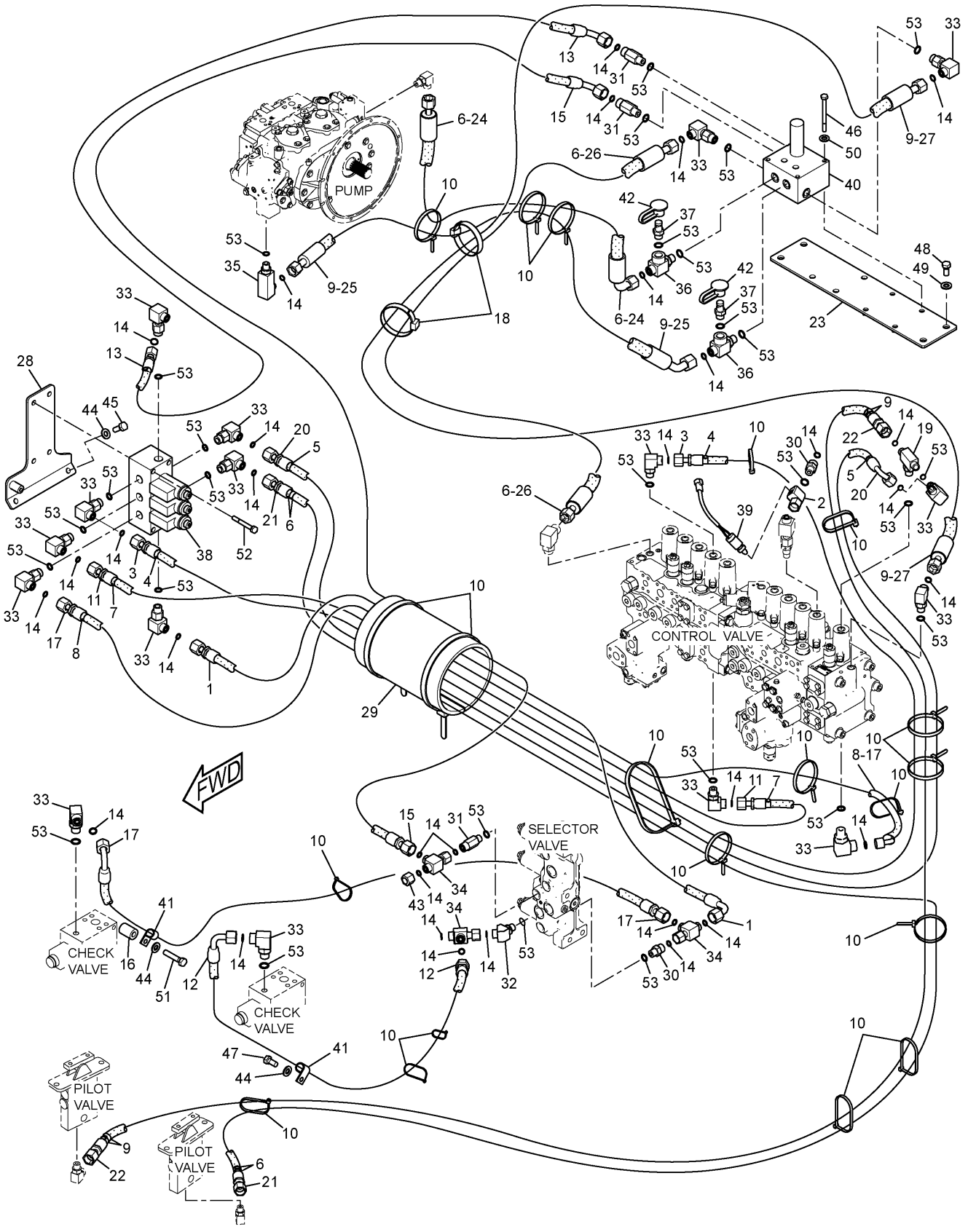
H99596E 03

255-1802 LINES GP-PILOT

Combined Function/2 Pumps
Part of 259-7493-Page444
123-2430-Page605
An Attachment

MEMORANDA

HYDRAULIC SYSTEM



260-7974 LINES GP-PILOT

Part of 259-7493-Page444
171-0188-Page575,165-9549-Page586
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME
	1	4I-1878	1	HOSE AS (NOM 06, L=1380mm)
	2	4I-3941	1	FITTING AS
	3	4I-3988	1	HOSE AS (NOM 06, L=2250mm)
	4	4I-9521	2	BAND (L1,RED)
	5	4I-9522	2	BAND (L2,YELLOW)
	6	4I-9523	8	BAND (L3,BLUE)
	7	4I-9524	2	BAND (L4,BROWN)
	8	4I-9525	2	BAND (R1,ORANGE)
	9	4I-9527	8	BAND (R3,GREEN)
	10	7K-1181	19	STRAP
	11	7Y-4199	1	HOSE AS (NOM 06, L=1800mm)
	12	087-5764	1	HOSE AS (NOM 06, L=1550mm)
	13	087-5772	1	HOSE AS (NOM 06, L=1000mm)
	14	6V-8397	31	SEAL-O-RING (OD=12.83mm)
	15	111-0988	1	HOSE AS (NOM 06, L=1950mm)
	16	118-9902	1	SPACER
	17	108-7313	2	HOSE AS (NOM 06, L=1900mm)
	18	136-0207	2	STRAP
	19	7X-2459	1	TEE
	20	179-7616	1	HOSE AS (NOM 06, L=2500mm)
	21	212-5419	1	HOSE AS (NOM 06, L=4300mm)
	22	212-5423	1	HOSE AS (NOM 06, L=3450mm)
	23	266-1108	1	SUPPORT AS
	24	266-1133	1	HOSE AS (NOM 06, L=420mm)
	25	278-6470	1	HOSE AS (NOM 06, L=550mm)
	26	266-1139	1	HOSE AS (NOM 06, L=1640mm)
	27	266-1142	1	HOSE AS (NOM 06, L=2400mm)
	28	286-6561	1	SUPPORT AS
	29	124-1008	1	GUARD
	30	6V-8636	2	CONNECTOR
	31	8T-0075	3	CONNECTOR
	32	6V-9001	1	ELBOW
	33	6V-8724	16	ELBOW
	34	6V-9836	3	TEE
	35	8T-1905	1	ELBOW
	36	3E-2310	2	TEE
	37	6V-3965	2	NIPPLE AS
Y	38	165-9549	1	VALVE GP
	39	309-5769	1	SWITCH AS (PRESSURE)
		102-8802	1	RECEPTACLE KIT
		9X-3401	2	PIN
Y	40	171-0188	1	VALVE GP
	41	6D-3479	2	CLIP
	42	6V-0852	2	CAP
	43	6V-9829	1	CAP AS
	44	8T-4121	4	WASHER
	45	8T-4136	2	BOLT (L=25mm)
	46	8T-4177	4	BOLT (L=90mm)
	47	8T-4191	1	BOLT (L=16mm)
	48	8T-4192	4	BOLT (L=25mm)
	49	8T-4223	4	WASHER
	50	8T-4224	4	WASHER
	51	8T-6466	1	BOLT (L=60mm)
	52	8T-6870	4	BOLT (L=70mm)
	53	3J-1907	27	SEAL-O-RING (ID=11.89mm)

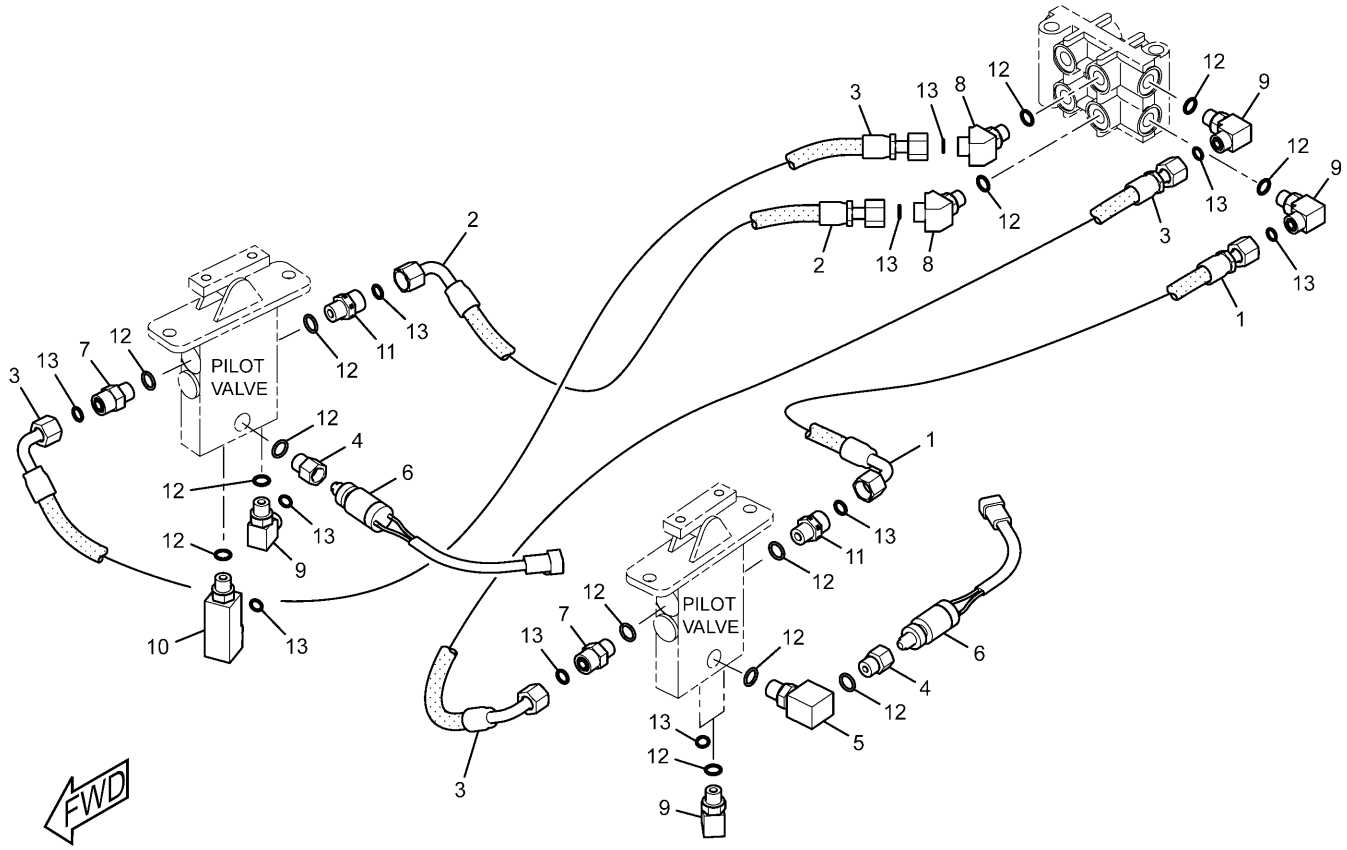
Y—SEE SEPARATE ILLUSTRATION

H99655E 08

260-7974 LINES GP-PILOT

Part of 259-7493-Page444
171-0188-Page575,165-9549-Page586
An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-1025	1	HOSE AS (NOM 06, L=300mm)					
	2	4I-1704	1	HOSE AS (NOM 06, L=330mm)					
	3	087-4402	2	HOSE AS (NOM 06, L=480mm)					
	4	108-7516	2	FITTING					
	5	085-7356	1	FITTING					
	6	309-5769	2	SWITCH AS (PRESSURE)					
		102-8802	1	RECEPTACLE KIT					
		9X-3401	2	PIN					
	7	6V-8636	2	CONNECTOR					
	8	6V-9001	2	ELBOW					
	9	6V-8724	5	ELBOW					
	10	8T-1905	1	ELBOW					
	11	107-6631	2	CONNECTOR					
	12	3J-1907	15	SEAL-O-RING (ID=11.89mm)					
	13	6V-8397	12	SEAL-O-RING (OD=12.83mm)					

H99594E 03

255-1663 LINES GP-PILOT

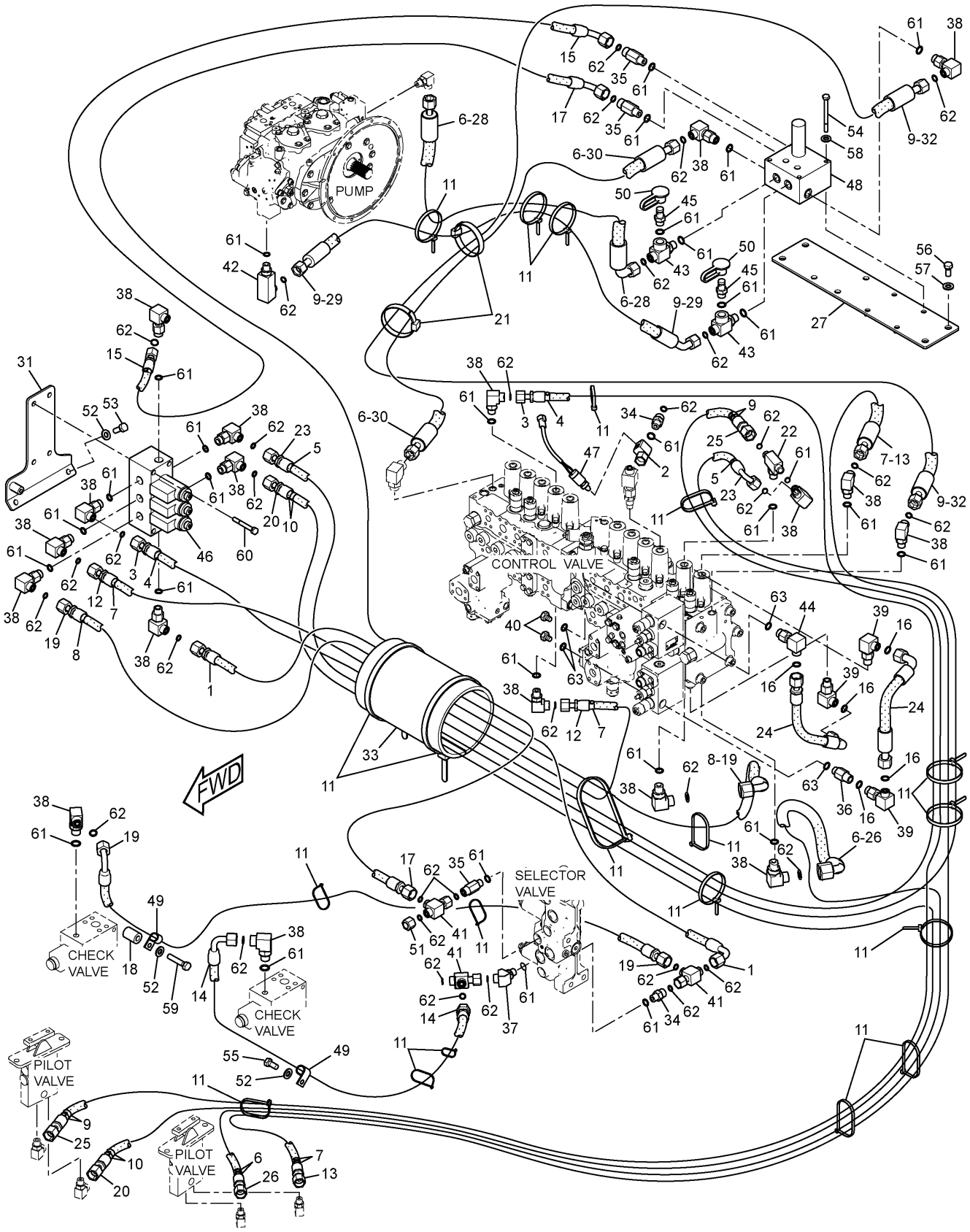
Combined Function/2 Pumps (Medium Pressure)

Part of 259-7495-Page445

An Attachment

MEMORANDA

HYDRAULIC SYSTEM



260-7986 LINES GP-PILOT

Part of 259-7495-Page445
171-0188-Page575,165-9549-Page586
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME
	1	4I-1878	1	HOSE AS (NOM 06, L=1380mm)
	2	4I-3941	1	FITTING AS
	3	4I-3988	1	HOSE AS (NOM 06, L=2250mm)
	4	4I-9521	2	BAND (L1,RED)
	5	4I-9522	2	BAND (L2,YELLOW)
	6	4I-9523	8	BAND (L3,BLUE)
	7	4I-9524	6	BAND (L4,BROWN)
	8	4I-9525	2	BAND (R1,ORANGE)
	9	4I-9527	8	BAND (R3,GREEN)
	10	4I-9528	4	BAND (R4,PURPLE)
	11	7K-1181	19	STRAP
	12	7Y-4199	1	HOSE AS (NOM 06, L=1800mm)
	13	7Y-8309	1	HOSE AS (NOM 06, L=3850mm)
	14	087-5764	1	HOSE AS (NOM 06, L=1550mm)
	15	087-5772	1	HOSE AS (NOM 06, L=1000mm)
	16	7J-9108	5	SEAL-O-RING (OD=19.28mm)
	17	111-0988	1	HOSE AS (NOM 06, L=1950mm)
	18	118-9902	1	SPACER
	19	108-7313	2	HOSE AS (NOM 06, L=1900mm)
	20	134-6921	1	HOSE AS (NOM 06, L=3950mm)
	21	136-0207	2	STRAP
	22	7X-2459	1	TEE
	23	179-7616	1	HOSE AS (NOM 06, L=2500mm)
	24	199-1609	2	HOSE AS (NOM 10, L=430mm)
	25	212-5423	1	HOSE AS (NOM 06, L=3450mm)
	26	7I-1105	1	HOSE AS (NOM 06, L=3250mm)
	27	266-1108	1	SUPPORT AS
	28	266-1133	1	HOSE AS (NOM 06, L=420mm)
	29	278-6470	1	HOSE AS (NOM 06, L=550mm)
	30	266-1139	1	HOSE AS (NOM 06, L=1640mm)
	31	286-6561	1	SUPPORT AS
	32	266-1179	1	HOSE AS (NOM 06, L=2470mm)
	33	124-1008	1	GUARD
	34	6V-8636	2	CONNECTOR
	35	8T-0075	3	CONNECTOR
	36	6V-8632	1	CONNECTOR
	37	6V-9001	1	ELBOW
	38	6V-8724	18	ELBOW
	39	6V-9852	3	ELBOW
	40	9S-4185	2	PLUG
	41	6V-9836	3	TEE
	42	8T-1905	1	ELBOW
	43	3E-2310	2	TEE
	44	6V-8722	1	ELBOW
	45	6V-3965	2	NIPPLE AS
Y	46	165-9549	1	VALVE GP
	47	309-5769	1	SWITCH AS (PRESSURE)
		102-8802	1	RECEPTACLE KIT
		9X-3401	2	PIN
Y	48	171-0188	1	VALVE GP
	49	6D-3479	2	CLIP
	50	6V-0852	2	CAP
	51	6V-9829	1	CAP AS
	52	8T-4121	4	WASHER
	53	8T-4136	2	BOLT (L=25mm)
	54	8T-4177	4	BOLT (L=90mm)
	55	8T-4191	1	BOLT (L=16mm)
	56	8T-4192	4	BOLT (L=25mm)
	57	8T-4223	4	WASHER
	58	8T-4224	4	WASHER
	59	8T-6466	1	BOLT (L=60mm)
	60	8T-6870	4	BOLT (L=70mm)
	61	3J-1907	30	SEAL-O-RING (ID=11.89mm)
	62	6V-8397	34	SEAL-O-RING (OD=12.83mm)
	63	3K-0360	4	SEAL-O-RING (ID=16.36mm)

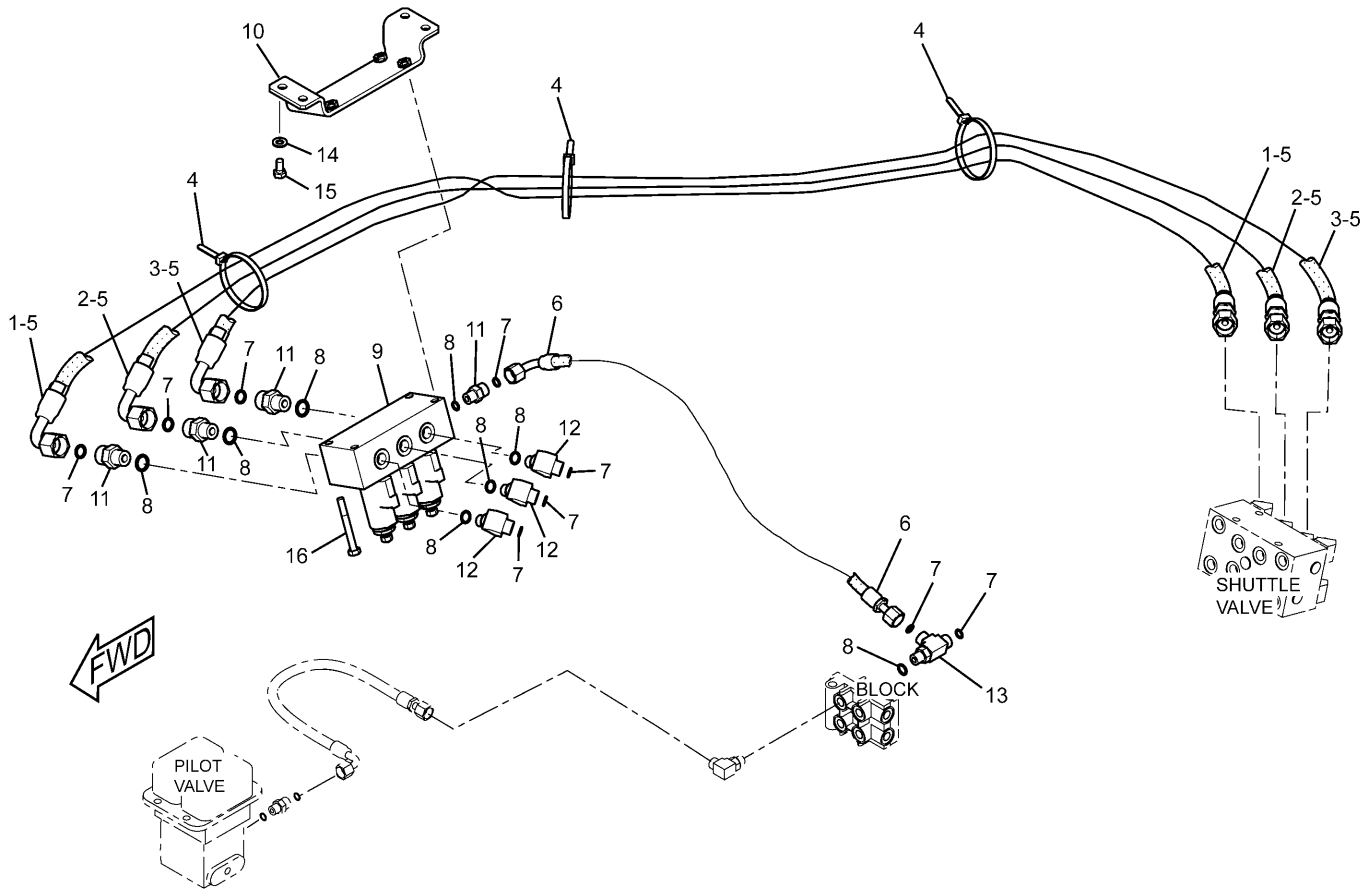
Y—SEE SEPARATE ILLUSTRATION

H99661E 09

260-7986 LINES GP-PILOT

Part of 259-7495-Page445
171-0188-Page575,165-9549-Page586
An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-9521	2	BAND (L1,RED)					
	2	4I-9525	2	BAND (R1,ORANGE)					
	3	4I-9528	2	BAND (R4,PURPLE)					
	4	7K-1181	3	STRAP					
	5	087-5774	3	HOSE AS (NOM 06, L=1060mm)					
	6	4I-1025	1	HOSE AS (NOM 06, L=300mm)					
	7	6V-8397	9	SEAL-O-RING (OD=12.83mm)					
	8	3J-1907	8	SEAL-O-RING (ID=11.89mm)					
Y	9	260-4444	1	VALVE GP					
	10	275-1619	1	SUPPORT AS					
	11	6V-8636	4	CONNECTOR					
	12	6V-9001	3	ELBOW					
	13	6V-8781	1	TEE					
	14	8T-4121	4	WASHER					
	15	8T-4137	4	BOLT (L=20mm)					
	16	8T-6870	4	BOLT (L=70mm)					

Y—SEE SEPARATE ILLUSTRATION

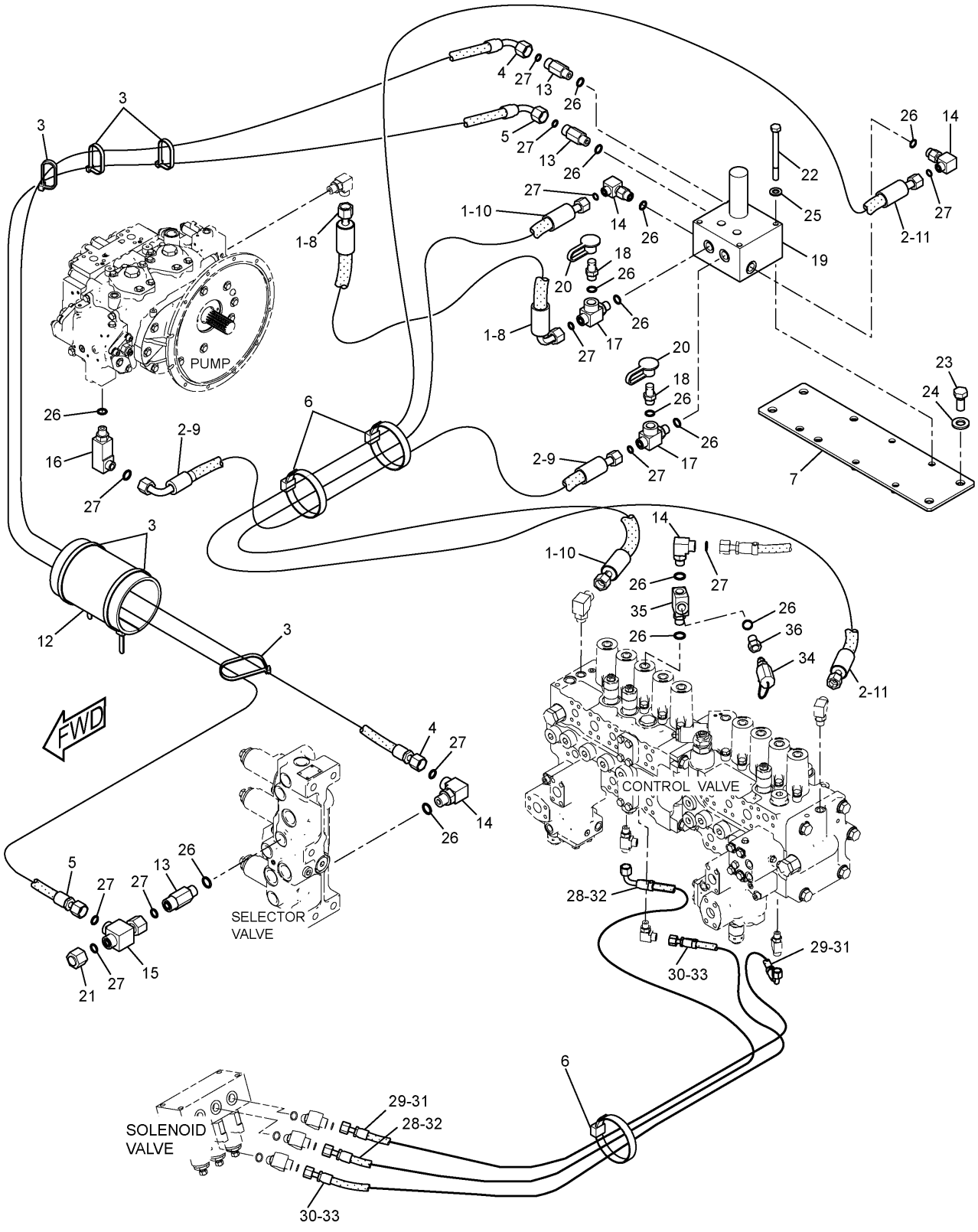
H92346E 03

272-4170 LINES GP-PILOT

S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
260-4444-Page587
An Attachment

MEMORANDA

HYDRAULIC SYSTEM



275-1539 LINES GP-PILOT

S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
171-0188-Page575
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-9523	4	BAND (L3,BLUE)					
	2	4I-9527	4	BAND (R3,GREEN)					
	3	7K-1181	6	STRAP					
	4	108-7375	1	HOSE AS (NOM 06, L=1800mm)					
	5	111-0988	1	HOSE AS (NOM 06, L=1950mm)					
	6	136-0207	2	STRAP					
	7	266-1108	1	SUPPORT AS					
	8	266-1133	1	HOSE AS (NOM 06, L=420mm)					
	9	266-1136	1	HOSE AS (NOM 06, L=570mm)					
	10	266-1139	1	HOSE AS (NOM 06, L=1640mm)					
	11	266-1179	1	HOSE AS (NOM 06, L=2470mm)					
	12	124-1008	1	GUARD					
	13	8T-0075	3	CONNECTOR					
	14	6V-8724	4	ELBOW					
	15	6V-9836	1	TEE					
	16	8T-1905	1	ELBOW					
	17	3E-2310	2	TEE					
	18	6V-3965	2	NIPPLE AS					
Y	19	171-0188	1	VALVE GP					
	20	6V-0852	2	CAP					
	21	6V-9829	1	CAP AS					
	22	8T-4177	4	BOLT (L=90mm)					
	23	8T-4192	4	BOLT (L=25mm)					
	24	8T-4223	4	WASHER					
	25	8T-4224	4	WASHER					
	26	3J-1907	14	SEAL-O-RING (ID=11.89mm)					
	27	6V-8397	12	SEAL-O-RING (OD=12.83mm)					
	28	4I-0716	1	HOSE AS (NOM 06, L=3000mm)					
E		205-3717		HOSE…(294cm)					
	29	5I-8853	1	HOSE AS (NOM 06, L=2750mm)					
	30	102-7685	1	HOSE AS (NOM 06, L=3000mm)					
	31	4I-9521	2	BAND (L1,RED)					
	32	4I-9525	2	BAND (R1,ORANGE)					
	33	4I-9528	2	BAND (R4,PURPLE)					
	34	309-5795	1	SWITCH AS (PRESSURE)					
		102-8802	1	RECEPTACLE KIT					
		9X-3401	2	PIN					
	35	4I-1694	1	CONNECTOR					
	36	108-7516	1	FITTING					

E—ORDER BY THE CENTIMETER

Y—SEE SEPARATE ILLUSTRATION

H99662E 03

275-1539 LINES GP-PILOT

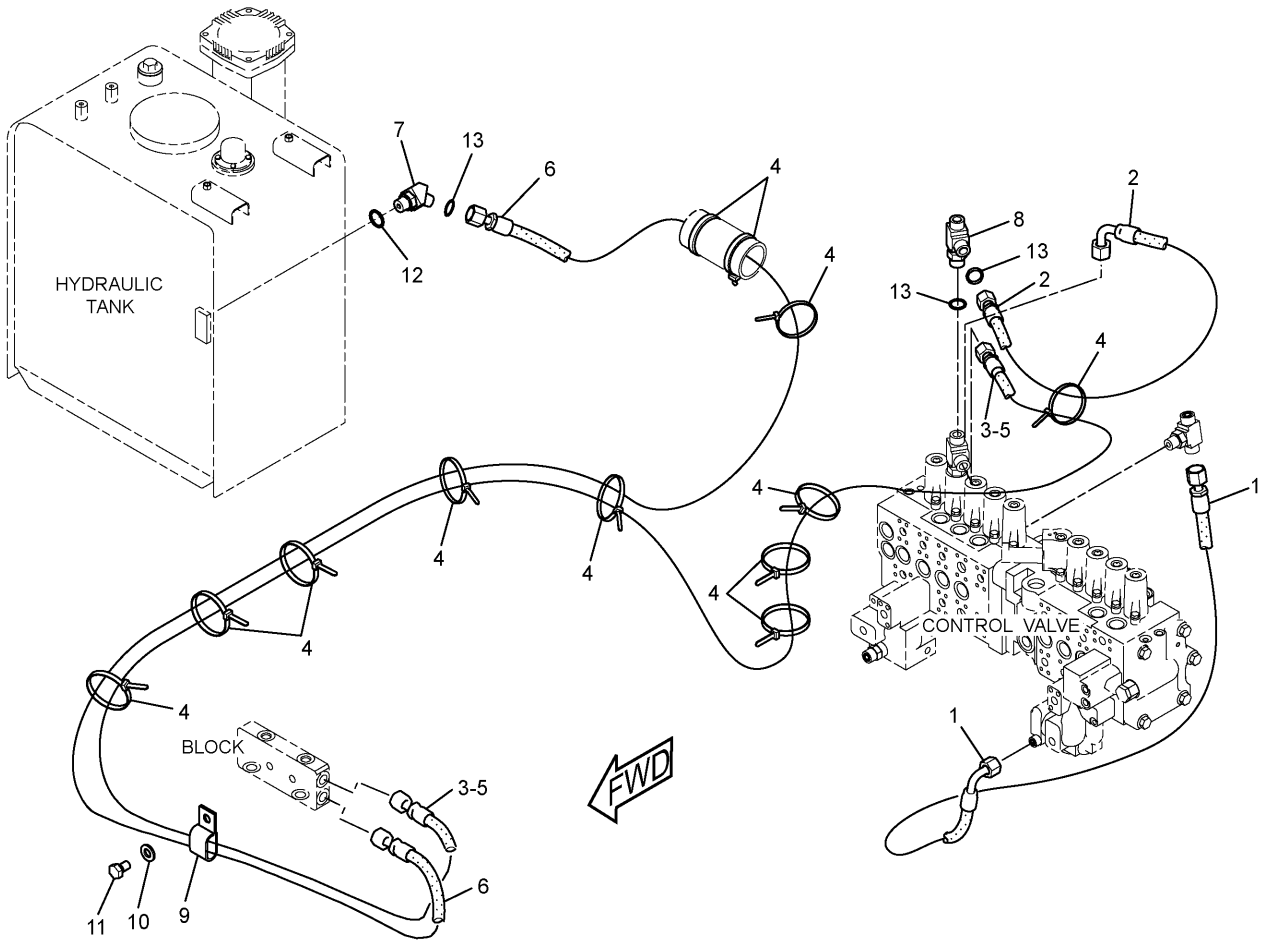
S/N BWZ 1-Up, DFB 1-Up

Part of 279-2732-Page11,279-2733-Page12

171-0188-Page575

An Attachment

HYDRAULIC SYSTEM

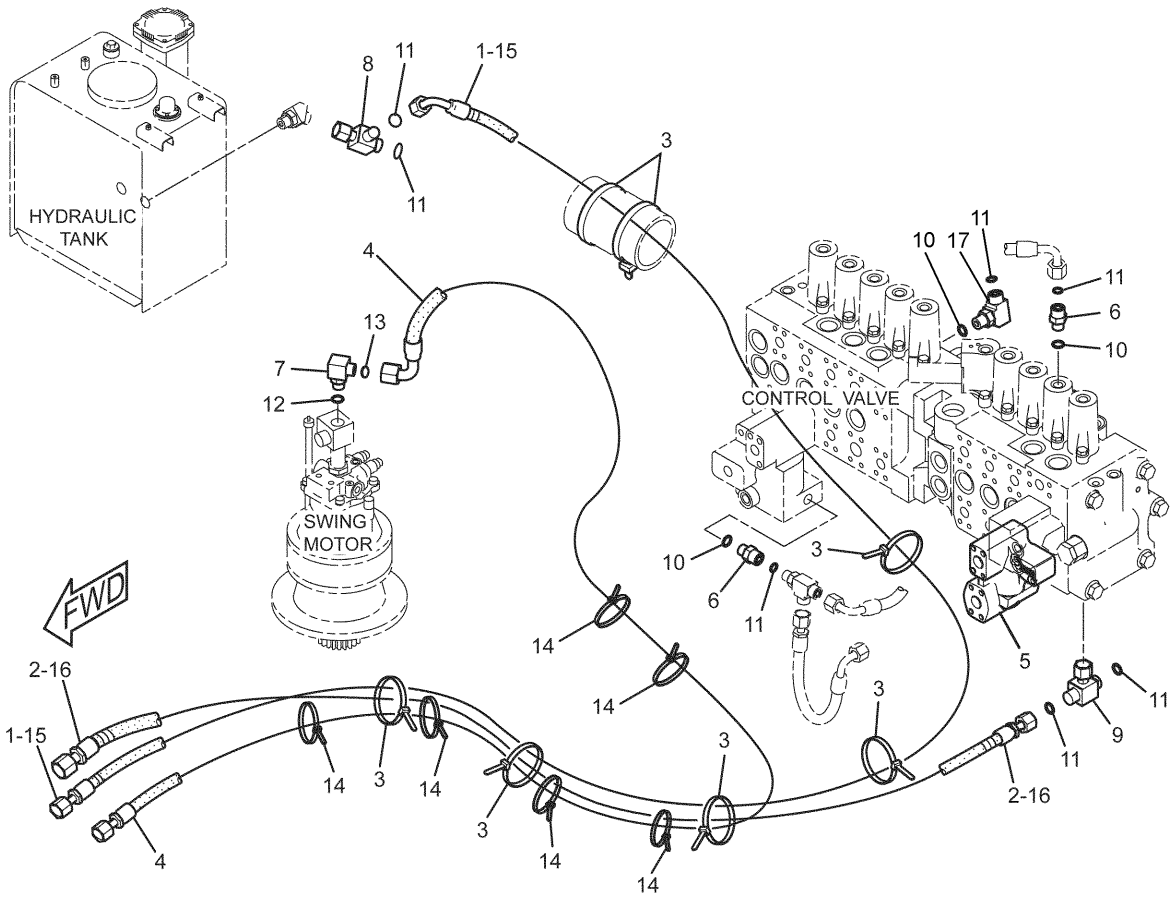


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-0800	1	HOSE AS (NOM 06, L=1300mm)					
	2	5I-8825	1	HOSE AS (NOM 06, L=750mm)					
	3	4I-3981	1	HOSE AS (NOM 06, L=2750mm)					
	4	7K-1181	12	STRAP					
	5	133-5813	2	BAND (P,GRAY)					
	6	199-1863	1	HOSE AS (NOM 06, L=3380mm)					
	7	6V-9876	1	ELBOW					
	8	6V-9836	1	TEE					
	9	5K-8451	1	CLIP					
	10	8T-4121	1	WASHER					
	11	8T-4191	1	BOLT (L=16mm)					
	12	3K-0360	1	SEAL-O-RING (ID=16.36mm)					
	13	6V-8397	3	SEAL-O-RING (OD=12.83mm)					

H98063E 01

282-7162 LINES GP-PILOT
BOOM LOWERING CONTROL
S/N BWZ 1-Up, DFB 1-Up
Part of 270-5974-Page447
An Attachment

HYDRAULIC SYSTEM



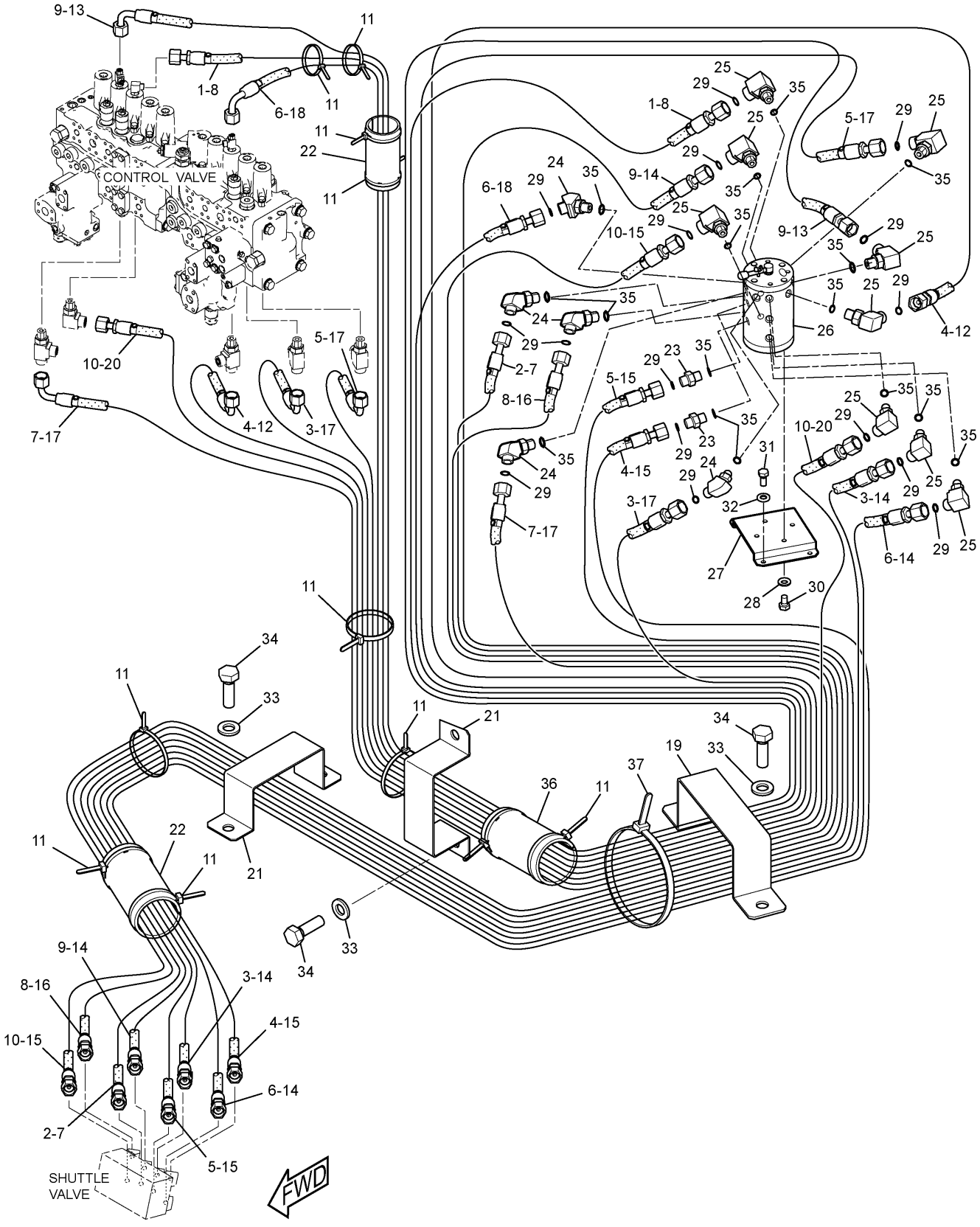
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	275-1712	1	HOSE AS (NOM 06, L=3000mm)					
E		7I-7439		GUARD…(139cm)					
	2	275-1713	1	HOSE AS (NOM 06, L=1600mm)					
E		7I-7439		GUARD…(160cm)					
	3	7K-1181	7	STRAP					
	4	282-7079	1	HOSE AS					
E		7I-7439		GUARD…(220cm)					
	5	201-9379	1	BLOCK					
	6	6V-8636	2	CONNECTOR					
	7	6V-8625	1	ELBOW					
	8	6V-9836	1	TEE					
	9	6V-9843	1	TEE					
	10	3J-1907	3	SEAL-O-RING (ID=11.89mm)					
	11	6V-8397	7	SEAL-O-RING (OD=12.83mm)					
	12	3K-0360	1	SEAL-O-RING (ID=16.36mm)					
	13	6V-8398	1	SEAL-O-RING (OD=16.03mm)					
	14	136-0207	6	STRAP					
	15	133-5813	2	BAND (P,GRAY)					
	16	4I-9523	4	BAND (L3,BLUE)					
	17	6V-8724	1	ELBOW					

E—ORDER BY THE CENTIMETER

H96784E 05

260-7970 LINES GP-PILOT

S/N BWZ 1-Up, DFB 1-Up
Part of 239-8677-Page447
An Attachment



260-7966 LINES GP-PILOT
4 Way Valve
Part of 259-7483-Page446
165-9470-Page572
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-3988	1	HOSE AS (NOM 06, L=2250mm)					
	2	4I-3991	1	HOSE AS (NOM 06, L=2100mm)					
	3	4I-9521	4	BAND (L1,RED)					
	4	4I-9522	4	BAND (L2,YELLOW)					
	5	4I-9523	4	BAND (L3,BLUE)					
	6	4I-9524	4	BAND (L4,BROWN)					
	7	4I-9525	4	BAND (R1,ORANGE)					
	8	4I-9526	4	BAND (R2,WHITE)					
	9	4I-9527	4	BAND (R3,GREEN)					
	10	4I-9528	4	BAND (R4,PURPLE)					
	11	7K-1181	11	STRAP					
	12	7Y-8478	1	HOSE AS (NOM 06, L=2100mm)					
	13	087-5780	1	HOSE AS (NOM 06, L=2550mm)					
	14	104-8774	3	HOSE AS (NOM 06, L=2200mm)					
	15	104-8783	3	HOSE AS (NOM 06, L=2150mm)					
	16	108-7360	1	HOSE AS (NOM 06, L=2050mm)					
	17	108-7375	3	HOSE AS (NOM 06, L=1800mm)					
	18	111-6752	1	HOSE AS (NOM 06, L=2200mm)					
	19	176-4366	1	SUPPORT					
	20	184-9156	1	HOSE AS (NOM 06, L=1830mm)					
	21	255-1781	2	SUPPORT					
	22	115-8645	2	GUARD					
	23	6V-8636	2	CONNECTOR					
	24	6V-9001	5	ELBOW					
	25	6V-8724	9	ELBOW					
Y	26	165-9470	1	VALVE GP					
	27	176-4684	1	SUPPORT					
	28	8T-4121	4	WASHER					
	29	6V-8397	16	SEAL-O-RING (OD=12.83mm)					
	30	8T-4191	4	BOLT (L=16mm)					
	31	8T-4192	4	BOLT (L=25mm)					
	32	8T-4223	4	WASHER					
	33	8T-4224	6	WASHER					
	34	8T-4908	6	BOLT (L=25mm)					
	35	3J-1907	16	SEAL-O-RING (ID=11.89mm)					
	36	104-8903	1	GUARD					
	37	136-0207	1	STRAP					

Y—SEE SEPARATE ILLUSTRATION

H96114E 03

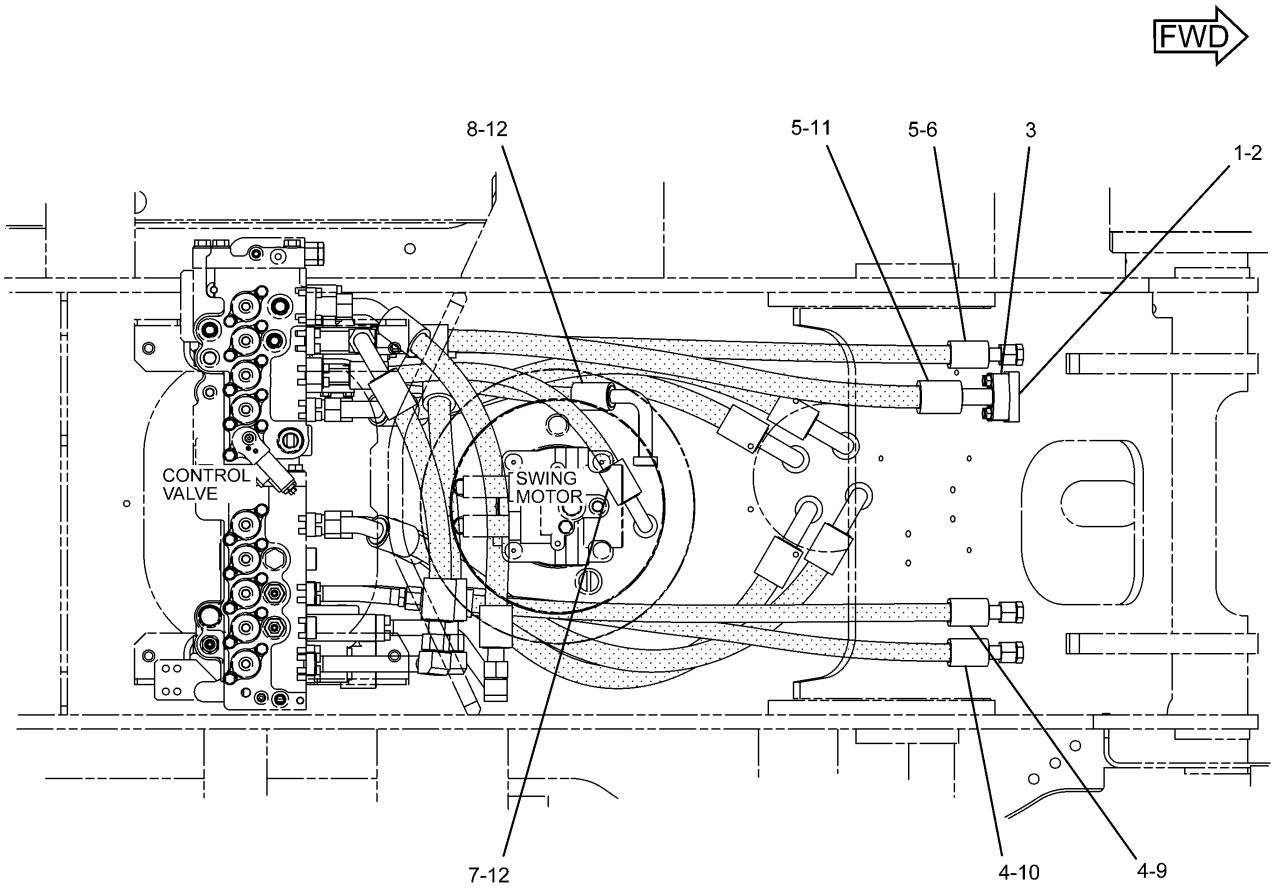
260-7966 LINES GP-PILOT

4 Way Valve

Part of 259-7483-Page446

165-9470-Page572

An Attachment



TOP VIEW

H93657E 02

239-1714 LINES & CONTROL GP-FRONT (1/2)

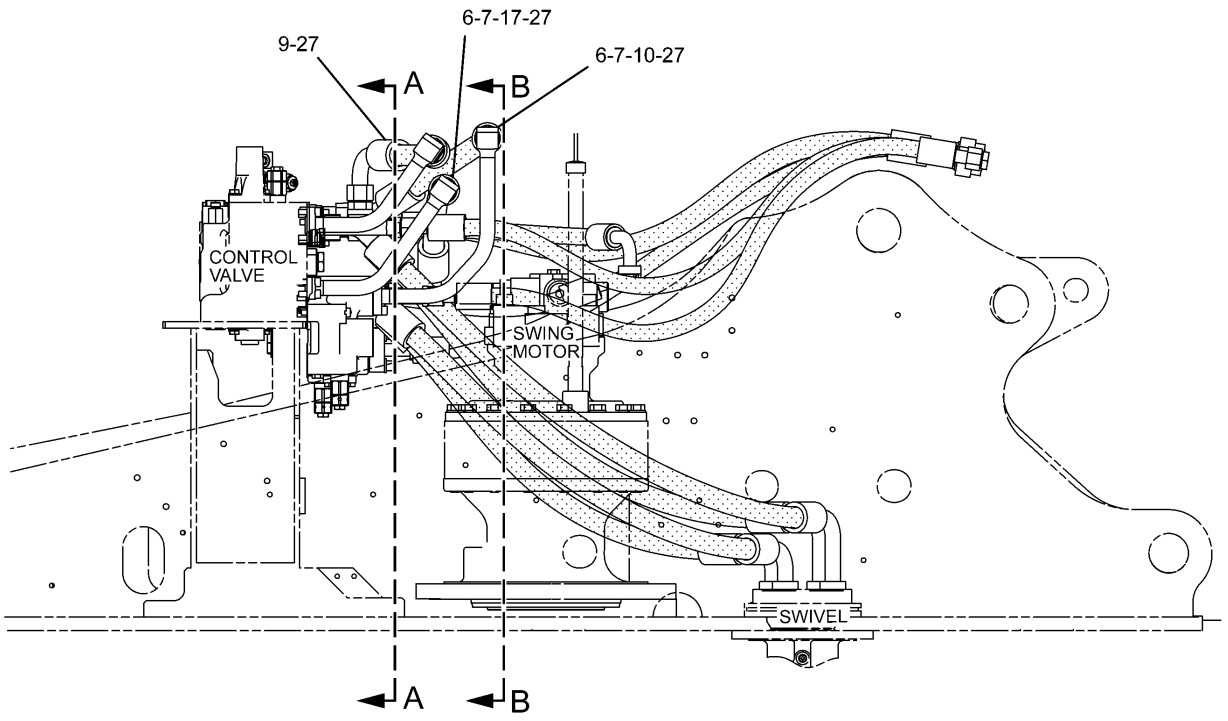
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-4223	4	WASHER					
	2	8T-4194	4	BOLT (L=50mm)					
	3	6V-0400	2	FLANGE					
	4	4J-5267	2	SEAL-O-RING (ID=24.99mm)					
	5	1P-3703	2	SEAL					
	6	165-3185	1	HOSE AS					
	7	165-3190	1	HOSE AS					
	8	165-3194	1	HOSE AS					
	9	236-3212	1	HOSE GP					
E		7Y-5074		GUARD···(154cm)					
	10	236-3213	1	HOSE GP					
E		7Y-5074		GUARD···(162cm)					
	11	260-8000	1	HOSE AS					
	12	1P-3702	4	SEAL					

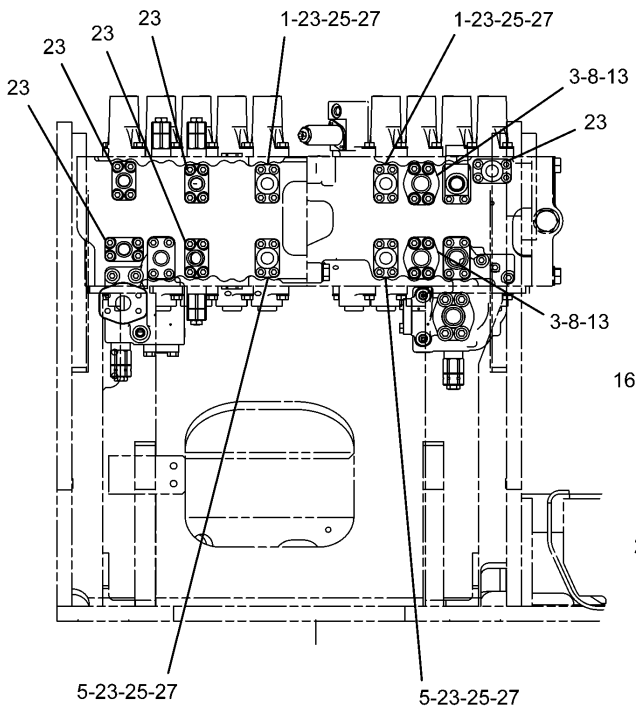
E—ORDER BY THE CENTIMETER

H93657E 02

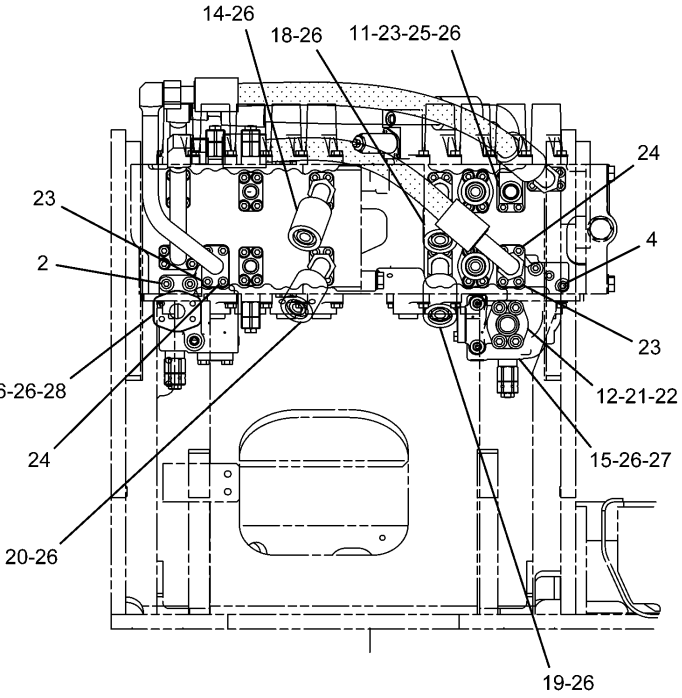
239-1714 LINES & CONTROL GP-FRONT (1/2)



RIGHT SIDE VIEW



A – A



B – B

H93658E 02

239-1714 LINES & CONTROL GP-FRONT (2/2)
255-5680-Page568,255-5683-Page570

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-3730	2	FLANGE					
	2	101-7403	2	BOLT (L=80mm)					
	3	105-3477	8	BOLT (L=45mm)					
	4	105-3483	2	BOLT (L=70mm)					
	5	113-6479	2	FLANGE					
	6	4J-0520	2	SEAL-O-RING (ID=32.92mm)					
	7	1P-4577	4	FLANGE					
	8	8T-9403	4	FLANGE					
	9	168-9760	1	HOSE AS					
	10	168-9762	1	HOSE AS					
	11	214-4511	1	FLANGE AS					
		5K-9090	1	SEAL-O-RING (OD=27.22mm)					
	12	8T-4223	4	WASHER					
	13	8T-4121	8	WASHER					
	14	298-5672	1	HOSE AS					
Y	15	255-5680	1	VALVE GP					
Y	16	255-5683	1	VALVE GP					
	17	260-7912	1	HOSE AS					
	18	260-7988	1	HOSE AS					
	19	260-7992	1	HOSE AS					
	20	260-7996	1	HOSE AS					
	21	6V-0400	2	FLANGE					
	22	101-7397	4	BOLT (L=50mm)					
	23	101-7404	42	BOLT (L=30mm)					
	24	199-1286	6	BOLT (L=150mm)					
	25	5K-9090	5	SEAL-O-RING (OD=27.22mm)					
	26	1P-3703	7	SEAL					
	27	4J-5267	8	SEAL-O-RING (ID=24.99mm)					
	28	4J-5268	1	SEAL-O-RING (ID=13.94mm)					

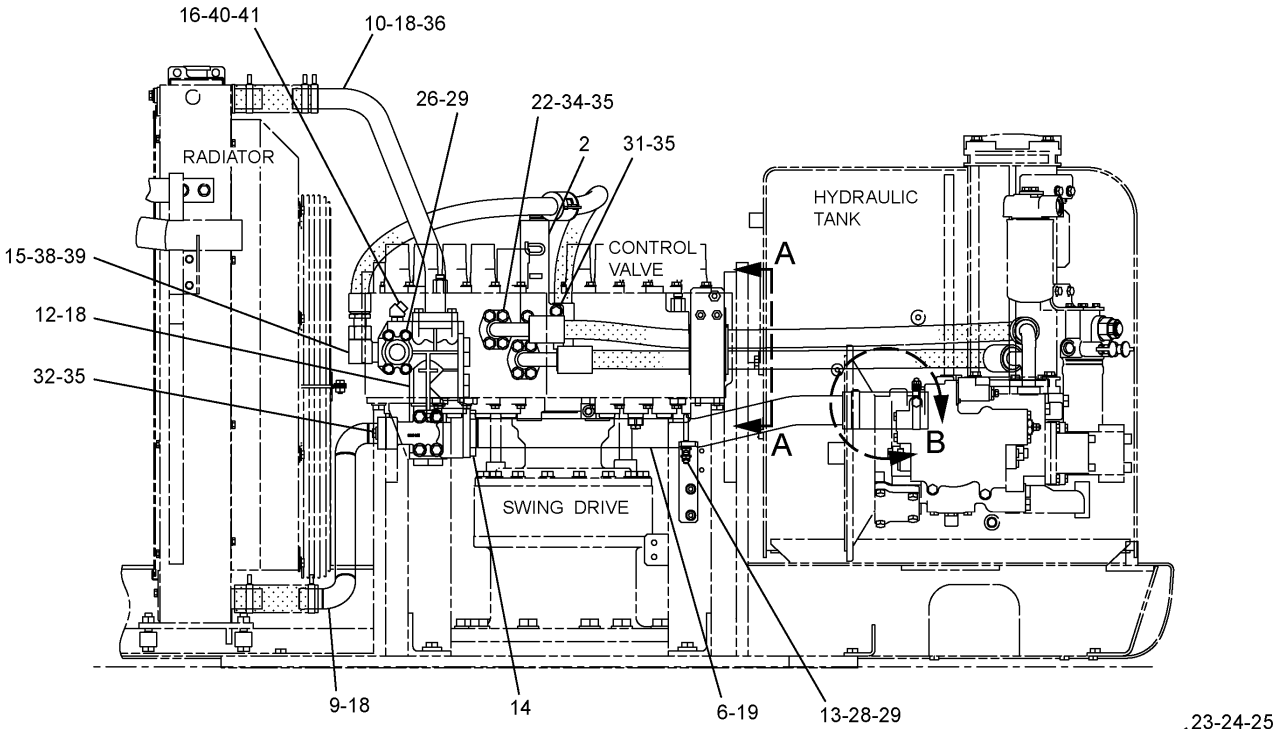
Y—SEE SEPARATE ILLUSTRATION

H93658E 02

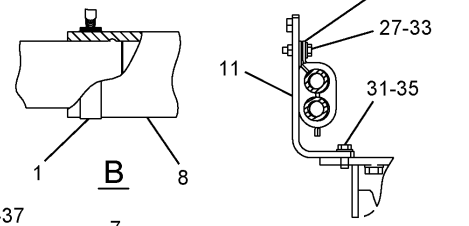
239-1714 LINES & CONTROL GP-FRONT (2/2)

255-5680-Page568,255-5683-Page570

HYDRAULIC SYSTEM



REAR VIEW



RIGHT SIDE VIEW

H98366E 08

248-9846 LINES & CONTROL GP-REAR
297-0462-Page600

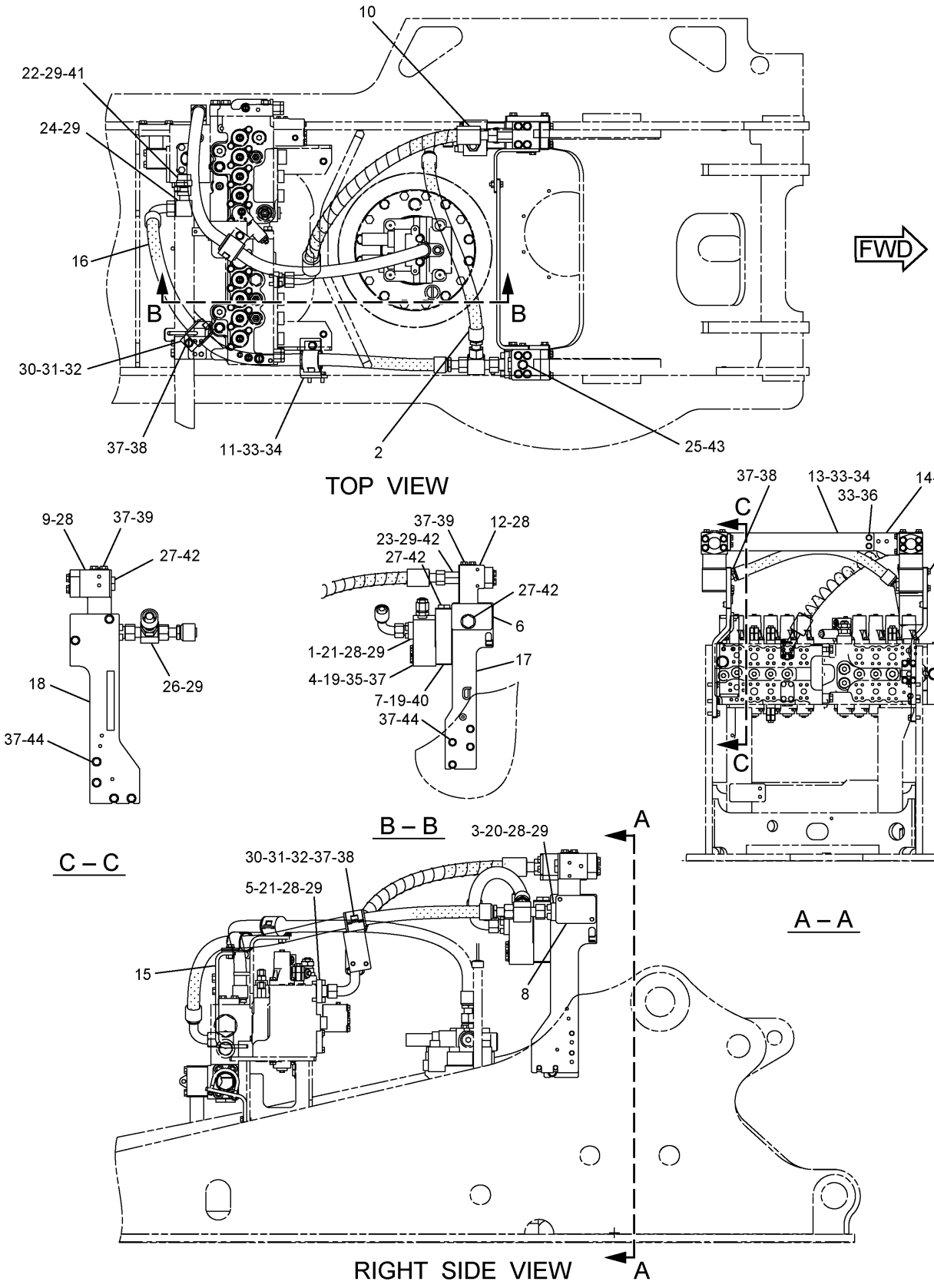
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	144-0367	2	CLAMP					
	2	173-4816	1	SUPPORT AS					
	3	179-7863	1	HOSE AS					
	4	179-7867	1	HOSE AS					
	5	196-0807	1	PLATE					
	6	199-7394	1	PIPE AS					
	7	199-7403	1	HOSE AS					
	8	227-0581	1	HOSE					
	9	266-1037	1	PIPE AS					
	10	266-1045	1	PIPE AS					
	11	266-1055	1	SUPPORT AS					
Y	12	297-0462	1	VALVE GP					
	13	096-4883	2	NUT					
	14	101-7402	4	BOLT (L=30mm)					
	15	6V-9008	1	ELBOW					
	16	6V-9002	1	ELBOW					
	17	1P-3703	4	SEAL					
	18	4J-0524	3	SEAL-O-RING (ID=47.22mm)					
	19	4J-0527	1	SEAL-O-RING (ID=56.74mm)					
	20	5P-7468	1	CLIP					
	21	5P-7469	1	CLIP					
	22	6V-0400	4	FLANGE					
	23	7G-5984	1	CLIP					
	24	7G-5985	1	CLIP					
	25	7G-5986	1	GROMMET					
	26	7X-2544	4	BOLT (L=140mm)					
	27	7X-7729	2	WASHER					
	28	7Y-5247	1	U-BOLT					
	29	8T-4121	8	WASHER					
	30	8T-4136	2	BOLT (L=25mm)					
	31	8T-4139	4	BOLT (L=30mm)					
	32	8T-4183	2	BOLT (L=40mm)					
	33	8T-4186	2	BOLT (L=40mm)					
	34	8T-4194	8	BOLT (L=50mm)					
	35	8T-4223	15	WASHER					
	36	8T-4956	5	BOLT (L=35mm)					
	37	8T-7087	1	GROMMET					
	38	5K-9090	1	SEAL-O-RING (OD=27.22mm)					
	39	7M-8485	1	SEAL-O-RING (ID=29.74mm)					
	40	3K-0360	1	SEAL-O-RING (ID=16.36mm)					
	41	6V-8398	1	SEAL-O-RING (OD=16.03mm)					

Y—SEE SEPARATE ILLUSTRATION

H98366E 08

248-9846 LINES & CONTROL GP-REAR
297-0462-Page600



H99592E 05

260-8006 LINES GP-FRONT
Part of 259-7492-Page443
177-2653-Page589
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-3731	1	FLANGE					
	2	102-1248	1	HOSE AS					
	3	173-4664	1	FLANGE					
Y	4	177-2653	1	VALVE GP					
	5	204-3737	1	FLANGE					
	6	204-8137	1	BLOCK					
	7	207-6222	1	BLOCK					
	8	212-5148	1	BLOCK					
	9	218-1139	1	BLOCK					
	10	314-8252	1	HOSE AS					
	11	260-7872	1	SUPPORT AS					
	12	260-8043	1	BLOCK					
	13	266-0912	1	BRACKET					
	14	266-0913	1	SUPPORT AS					
	15	266-1071	1	SUPPORT AS					
	16	266-1217	1	HOSE AS					
	17	296-7067	1	SUPPORT AS					
	18	296-7069	1	SUPPORT AS					
	19	099-8232	2	SEAL-O-RING (ID=28.24mm)					
	20	101-7402	4	BOLT (L=30mm)					
	21	101-7404	8	BOLT (L=30mm)					
	22	6V-9875	1	CONNECTOR					
	23	8T-0198	1	CONNECTOR					
	24	6V-9854	1	ELBOW					
	25	9S-4185	1	PLUG					
	26	6V-9840	1	TEE					
	27	9S-4181	3	PLUG					
	28	1P-3703	5	SEAL					
	29	5K-9090	8	SEAL-O-RING (OD=27.22mm)					
	30	5P-7468	2	CLIP					
	31	5P-7469	2	CLIP					
	32	6V-1874	2	GROMMET					
	33	8T-4121	8	WASHER					
	34	8T-4136	6	BOLT (L=25mm)					
	35	8T-4176	4	BOLT (L=90mm)					
	36	8T-4196	2	BOLT (L=35mm)					
	37	8T-4223	26	WASHER					
	38	8T-4956	6	BOLT (L=35mm)					
	39	8T-5092	8	BOLT (L=150mm)					
	40	101-7397	4	BOLT (L=50mm)					
	41	2S-4078	1	SEAL-O-RING (ID=37.47mm)					
	42	7M-8485	3	SEAL-O-RING (ID=29.74mm)					
	43	3K-0360	1	SEAL-O-RING (ID=16.36mm)					
	44	8T-4183	8	BOLT (L=40mm)					

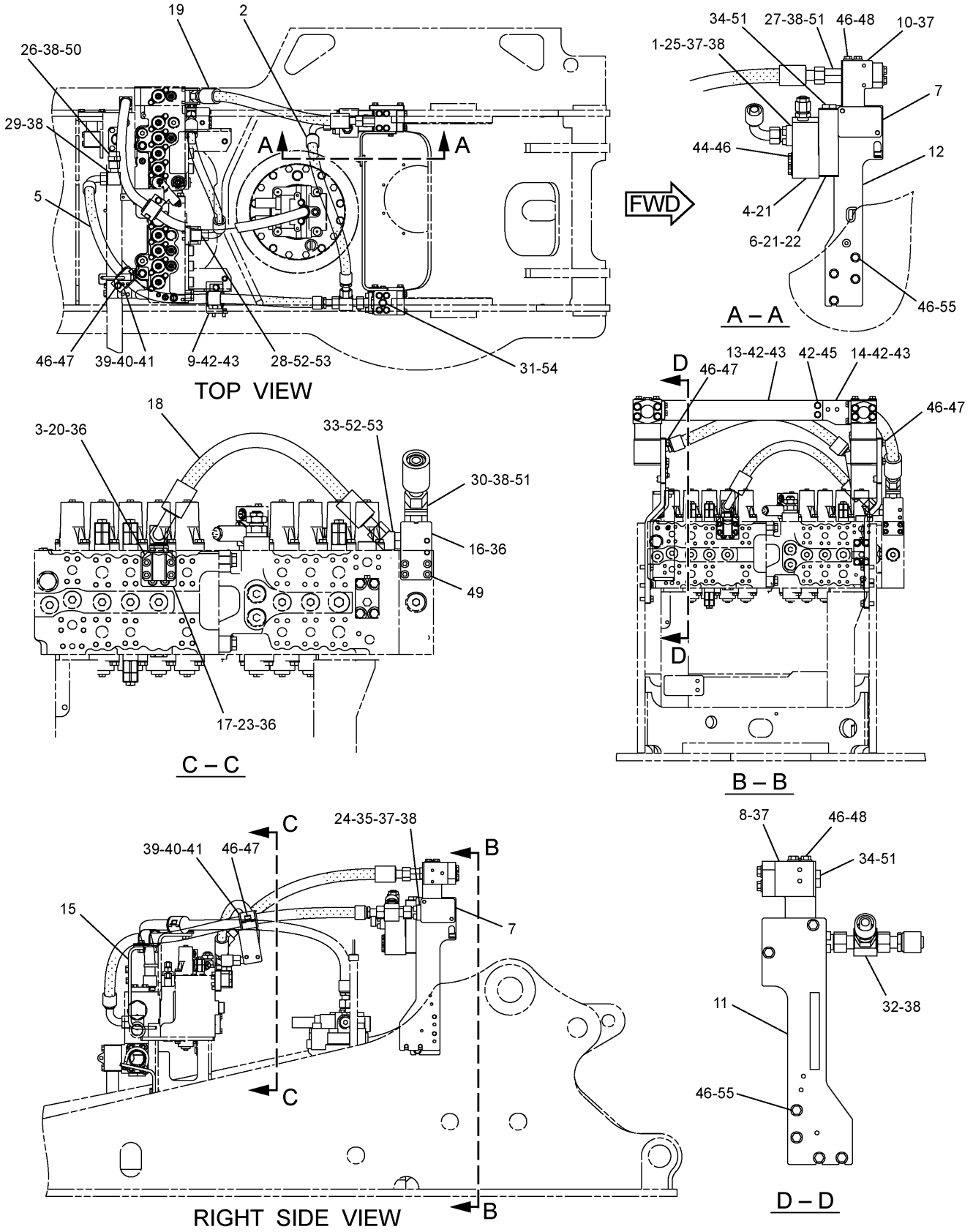
Y—SEE SEPARATE ILLUSTRATION

H99592E 05

260-8006 LINES GP-FRONT

Part of 259-7492-Page443
177-2653-Page589
An Attachment

HYDRAULIC SYSTEM



H99589E 06

260-8007 LINES GP-FRONT
Part of 259-7494-Page443
177-2653-Page589
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-3731	1	FLANGE		52	3D-2824	2	SEAL-O-RING (ID=23.47mm)
	2	102-1248	1	HOSE AS		53	6V-9746	2	SEAL-O-RING (OD=22.50mm)
	3	105-3477	4	BOLT (L=45mm)		54	3K-0360	1	SEAL-O-RING (ID=16.36mm)
Y	4	177-2653	1	VALVE GP		55	8T-4183	8	BOLT (L=40mm)
	5	266-1217	1	HOSE AS					
	6	207-6222	1	BLOCK					
	7	212-5148	2	BLOCK					
	8	218-1139	1	BLOCK					
	9	260-7872	1	SUPPORT AS					
	10	260-8043	1	BLOCK					
	11	296-7069	1	SUPPORT AS					
	12	296-7067	1	SUPPORT AS					
	13	266-0912	1	BRACKET					
	14	266-0913	1	SUPPORT AS					
	15	266-1071	1	SUPPORT AS					
	16	266-1278	1	BLOCK					
	17	266-1279	1	FLANGE					
	18	266-1303	1	HOSE AS					
	19	317-4712	1	HOSE AS					
	20	275-1439	1	BLOCK					
	21	099-8232	2	SEAL-O-RING (ID=28.24mm)					
	22	101-7397	4	BOLT (L=50mm)					
	23	101-7401	4	BOLT (L=20mm)					
	24	101-7402	4	BOLT (L=30mm)					
	25	101-7404	4	BOLT (L=30mm)					
	26	6V-9875	1	CONNECTOR					
	27	8T-0198	1	CONNECTOR					
	28	6V-9007	1	ELBOW					
	29	6V-9854	1	ELBOW					
	30	6V-9005	1	ELBOW					
	31	9S-4185	1	PLUG					
	32	6V-9840	1	TEE					
	33	6V-9004	1	ELBOW					
	34	9S-4181	2	PLUG					
	35	173-4664	1	FLANGE					
	36	1P-3702	3	SEAL					
	37	1P-3703	4	SEAL					
	38	5K-9090	7	SEAL-O-RING (OD=27.22mm)					
	39	5P-7468	2	CLIP					
	40	5P-7469	2	CLIP					
	41	6V-1874	2	GROMMET					
	42	8T-4121	8	WASHER					
	43	8T-4136	6	BOLT (L=25mm)					
	44	8T-4176	4	BOLT (L=90mm)					
	45	8T-4196	2	BOLT (L=35mm)					
	46	8T-4223	26	WASHER					
	47	8T-4956	6	BOLT (L=35mm)					
	48	8T-5092	8	BOLT (L=150mm)					
	49	280-2747	4	BOLT (L=60mm)					
	50	2S-4078	1	SEAL-O-RING (ID=37.47mm)					
	51	7M-8485	3	SEAL-O-RING (ID=29.74mm)					

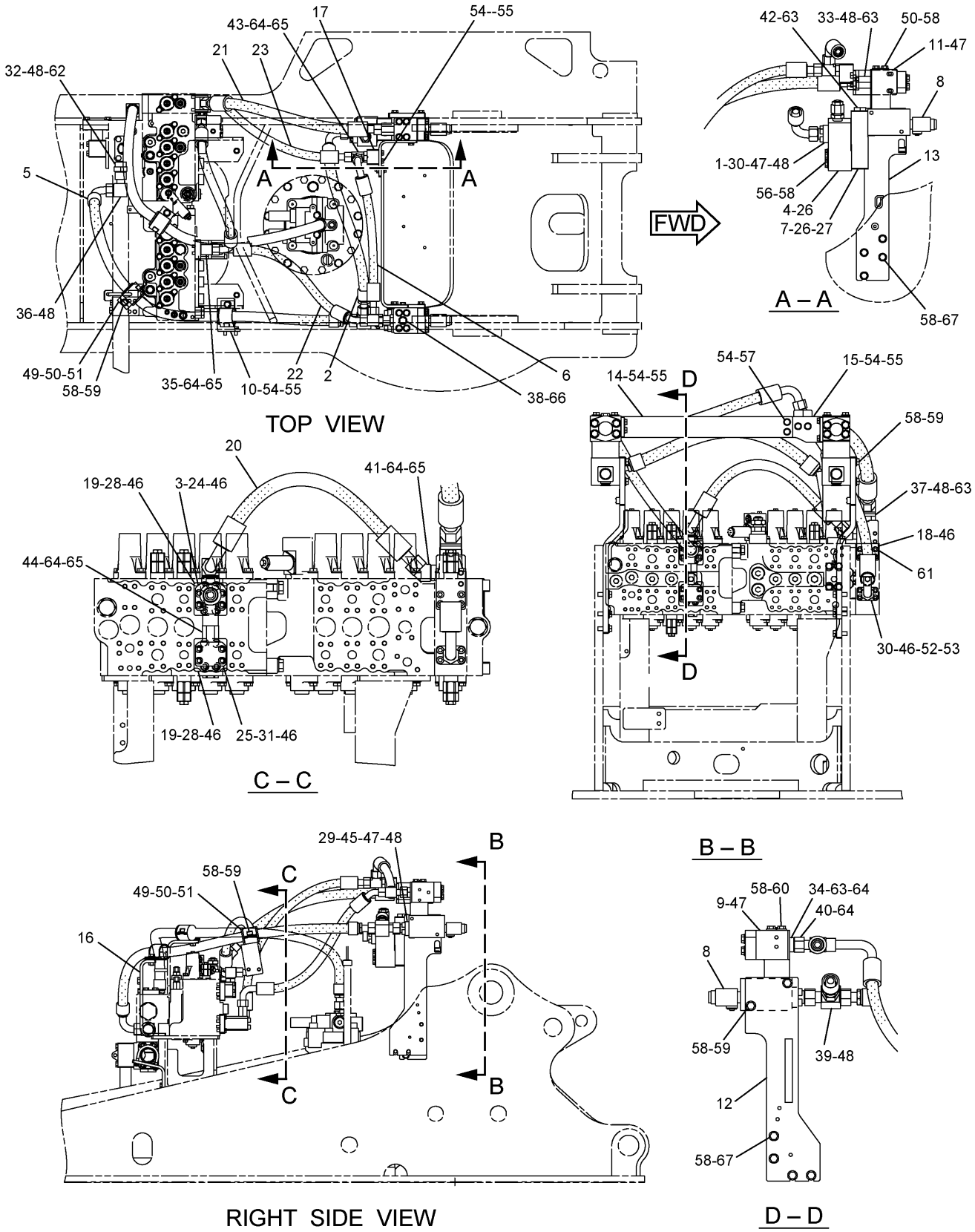
Y—SEE SEPARATE ILLUSTRATION

H99589E 06

260-8007 LINES GP-FRONT

Part of 259-7494-Page443
177-2653-Page589
An Attachment

HYDRAULIC SYSTEM



H99591E 12

260-8008 LINES GP-FRONT
Part of 259-7493-Page444,259-7495-Page445
177-2653-Page589,297-0370-Page598
An Attachment

HYDRAULIC SYSTEM

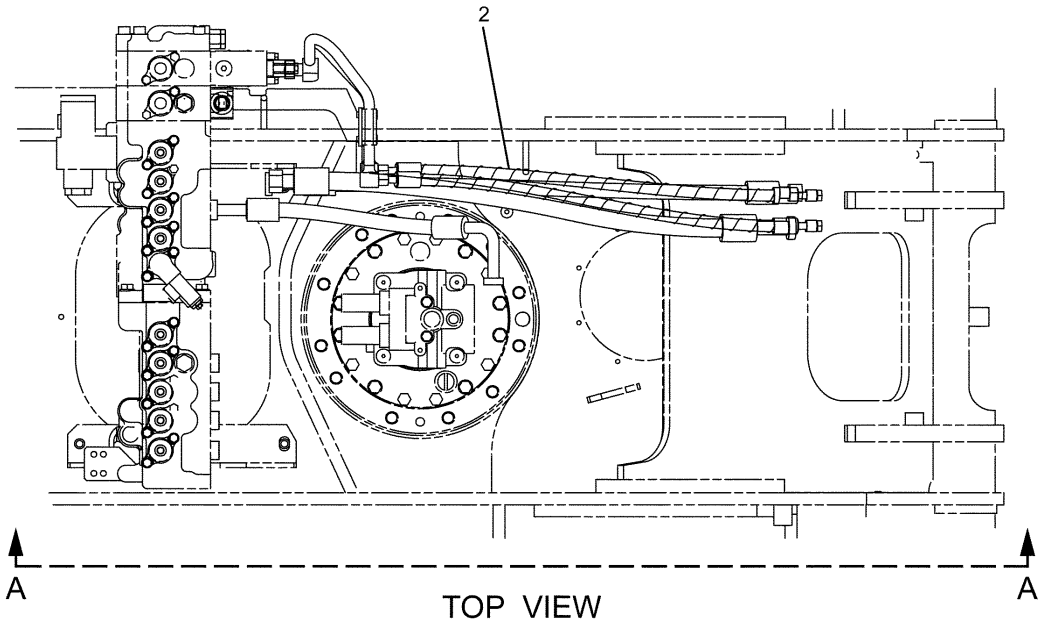
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-3731	1	FLANGE		52	6V-9746	1	SEAL-O-RING (OD=22.50mm)
	2	102-1248	1	HOSE AS		53	7Y-3729	1	FLANGE
	3	105-3477	4	BOLT (L=45mm)		54	8T-4121	10	WASHER
Y	4	177-2653	1	VALVE GP		55	8T-4136	8	BOLT (L=25mm)
	5	266-1217	1	HOSE AS		56	8T-4176	4	BOLT (L=90mm)
						57	8T-4196	2	BOLT (L=35mm)
						58	8T-4223	26	WASHER
	6	278-6756	1	HOSE AS		59	8T-4956	6	BOLT (L=35mm)
	7	207-6222	1	BLOCK		60	8T-5092	8	BOLT (L=150mm)
Y	8	297-0370	2	VALVE GP		61	280-2747	4	BOLT (L=60mm)
	9	218-1139	1	BLOCK		62	2S-4078	1	SEAL-O-RING (ID=37.47mm)
	10	260-7872	1	SUPPORT AS		63	7M-8485	4	SEAL-O-RING (ID=29.74mm)
	11	260-8043	1	BLOCK		64	6V-9746	6	SEAL-O-RING (OD=22.50mm)
	12	296-7069	1	SUPPORT AS		65	3D-2824	4	SEAL-O-RING (ID=23.47mm)
	13	296-7067	1	SUPPORT AS		66	3K-0360	1	SEAL-O-RING (ID=16.36mm)
	14	266-0912	1	BRACKET		67	8T-4183	8	BOLT (L=40mm)
	15	266-0913	1	SUPPORT AS					
	16	266-1071	1	SUPPORT AS					
	17	266-1266	1	BLOCK					
	18	266-1278	1	BLOCK					
	19	266-1279	2	FLANGE					
	20	266-1303	1	HOSE AS					
	21	317-4712	1	HOSE AS					
	22	314-8205	1	HOSE AS					
	23	266-1315	1	HOSE AS					
	24	275-1439	1	BLOCK					
	25	275-1440	1	BLOCK					
	26	099-8232	2	SEAL-O-RING (ID=28.24mm)					
	27	101-7397	4	BOLT (L=50mm)					
	28	101-7401	8	BOLT (L=20mm)					
	29	101-7402	4	BOLT (L=30mm)					
	30	101-7404	8	BOLT (L=30mm)					
	31	108-4282	4	BOLT (L=100mm)					
	32	6V-9875	1	CONNECTOR					
	33	8T-0198	1	CONNECTOR					
	34	6V-8716	1	CONNECTOR					
	35	6V-9007	1	ELBOW					
	36	6V-9854	1	ELBOW					
	37	6V-9005	1	ELBOW					
	38	9S-4185	1	PLUG					
	39	6V-9840	1	TEE					
	40	6V-9839	1	TEE					
	41	6V-9004	1	ELBOW					
	42	9S-4181	1	PLUG					
	43	6V-8784	1	TEE					
	44	8T-0078	1	CONNECTOR					
	45	173-4664	1	FLANGE					
	46	1P-3702	6	SEAL					
	47	1P-3703	4	SEAL					
	48	5K-9090	7	SEAL-O-RING (OD=27.22mm)					
	49	5P-7468	2	CLIP					
	50	5P-7469	2	CLIP					
	51	6V-1874	2	GROMMET					

Y—SEE SEPARATE ILLUSTRATION

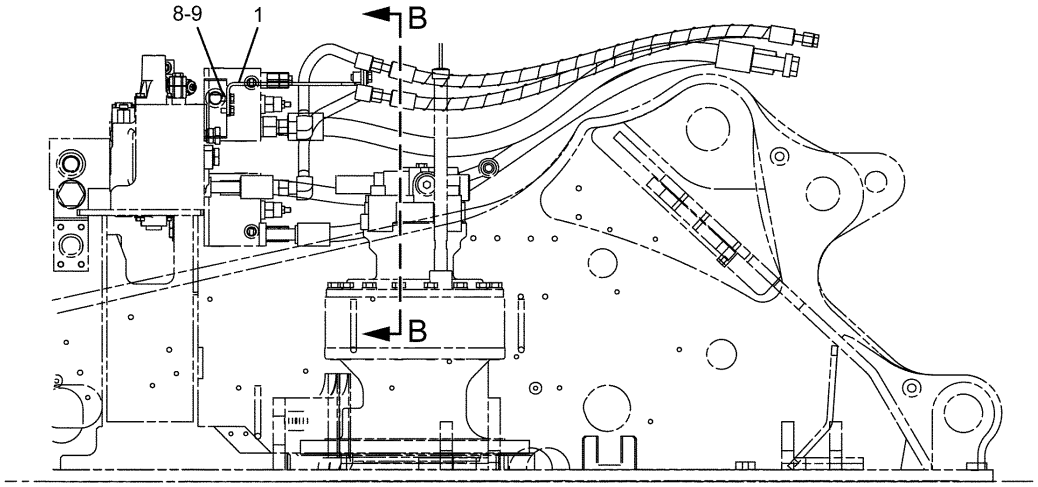
H99591E 12

260-8008 LINES GP-FRONT

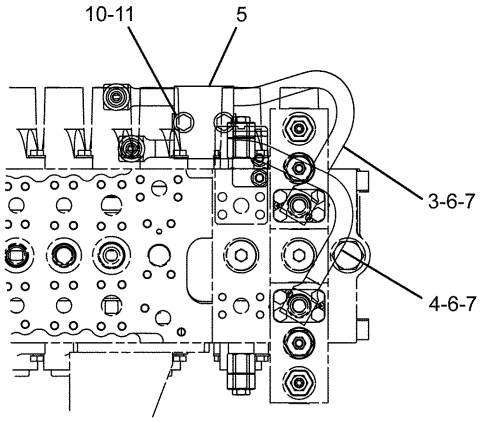
Part of 259-7493-Page444,259-7495-Page445
177-2653-Page589,297-0370-Page598
An Attachment



TOP VIEW



A – A



B – B

H93682E 02

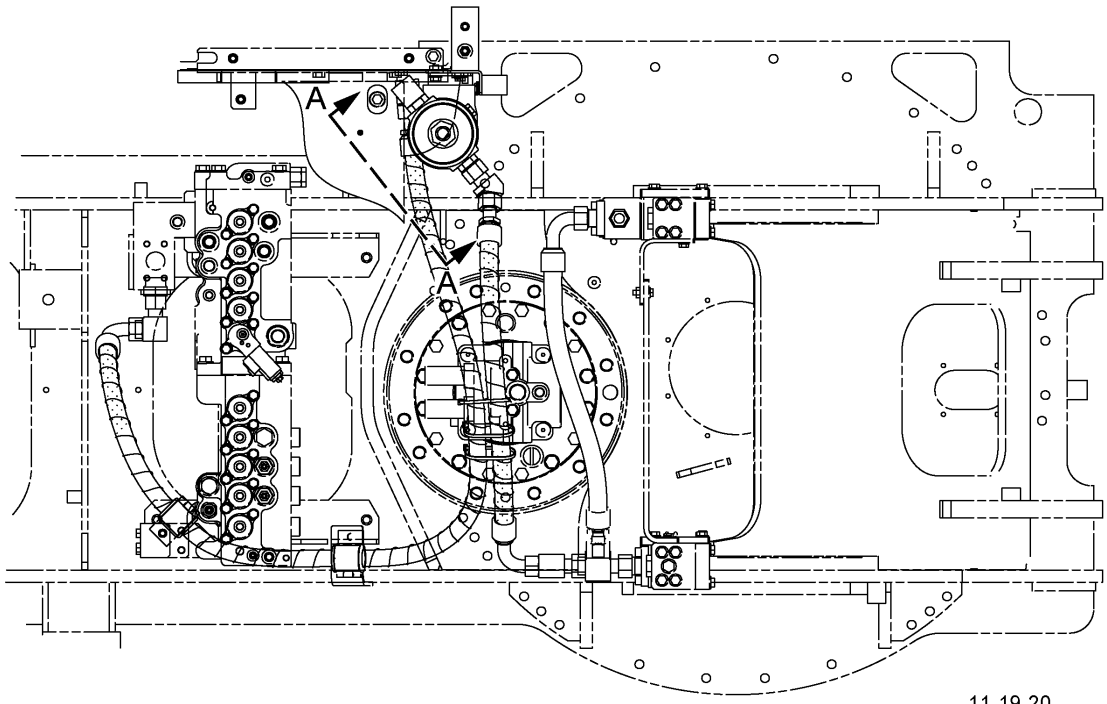
260-8009 LINES GP-FRONT
Part of 259-7495-Page445
An Attachment

HYDRAULIC SYSTEM

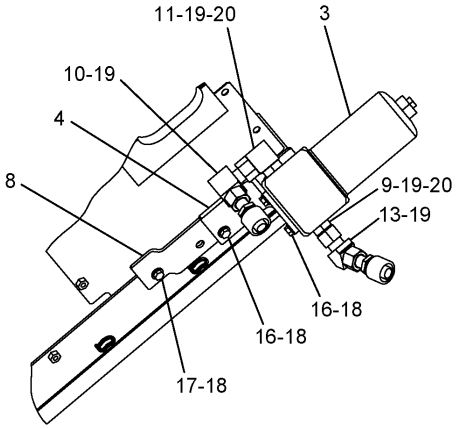
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	282-7086	1	SUPPORT AS					
	2	282-7088	2	HOSE AS					
	3	282-7096	1	TUBE AS					
	4	282-7097	1	TUBE AS					
	5	153-8867	2	CLIP					
	6	6V-8398	2	SEAL-O-RING (OD=16.03mm)					
	7	6V-9746	2	SEAL-O-RING (OD=22.50mm)					
	8	8T-4121	2	WASHER					
	9	8T-4137	2	BOLT (L=20mm)					
	10	8T-4223	2	WASHER					
	11	8T-4956	2	BOLT (L=35mm)					

H93682E 02

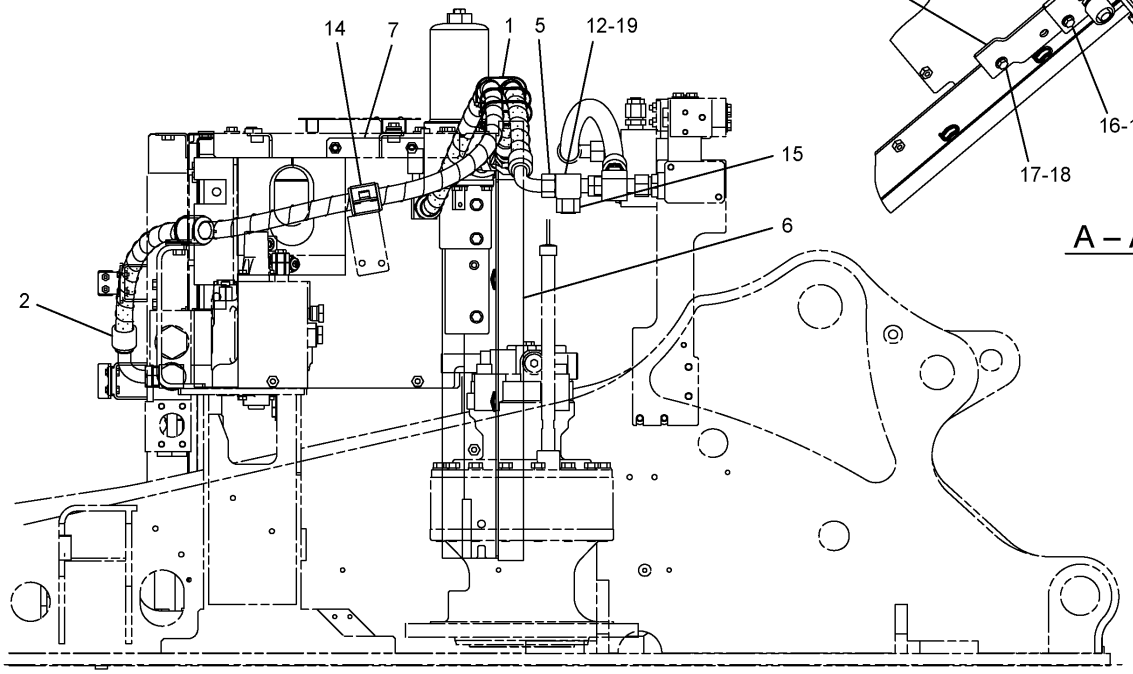
260-8009 LINES GP-FRONT
Part of 259-7495-Page445
An Attachment



TOP VIEW



A – A



RIGHT SIDE VIEW

H98343E 04

239-1726 LINES GP-FRONT
Hammer Return Filter
Part of 247-7459-Page448
224-1687-Page334
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7K-1181	3	STRAP					
	2	196-0877	1	HOSE AS					
Y	3	224-1687	1	FILTER AS					
	4	266-1258	1	SUPPORT AS					
	5	282-7135	1	HOSE AS					
	6	313-7878	1	SUPPORT AS					
		244-8198	1	LINER					
		129-3400	1	GUARD					
	7	313-7881	1	SHEET AS					
	8	314-8124	1	SUPPORT AS					
	9	6V-8635	1	CONNECTOR					
	10	6V-9854	1	ELBOW					
	11	6V-9008	1	ELBOW					
	12	6V-9840	1	TEE					
	13	142-0038	1	ELBOW					
	14	5P-8444	2	GROMMET					
	15	6V-9833	1	CAP AS					
	16	8T-4139	6	BOLT (L=30mm)					
	17	8T-4192	3	BOLT (L=25mm)					
	18	8T-4223	9	WASHER					
	19	5K-9090	6	SEAL-O-RING (OD=27.22mm)					
	20	7M-8485	2	SEAL-O-RING (ID=29.74mm)					

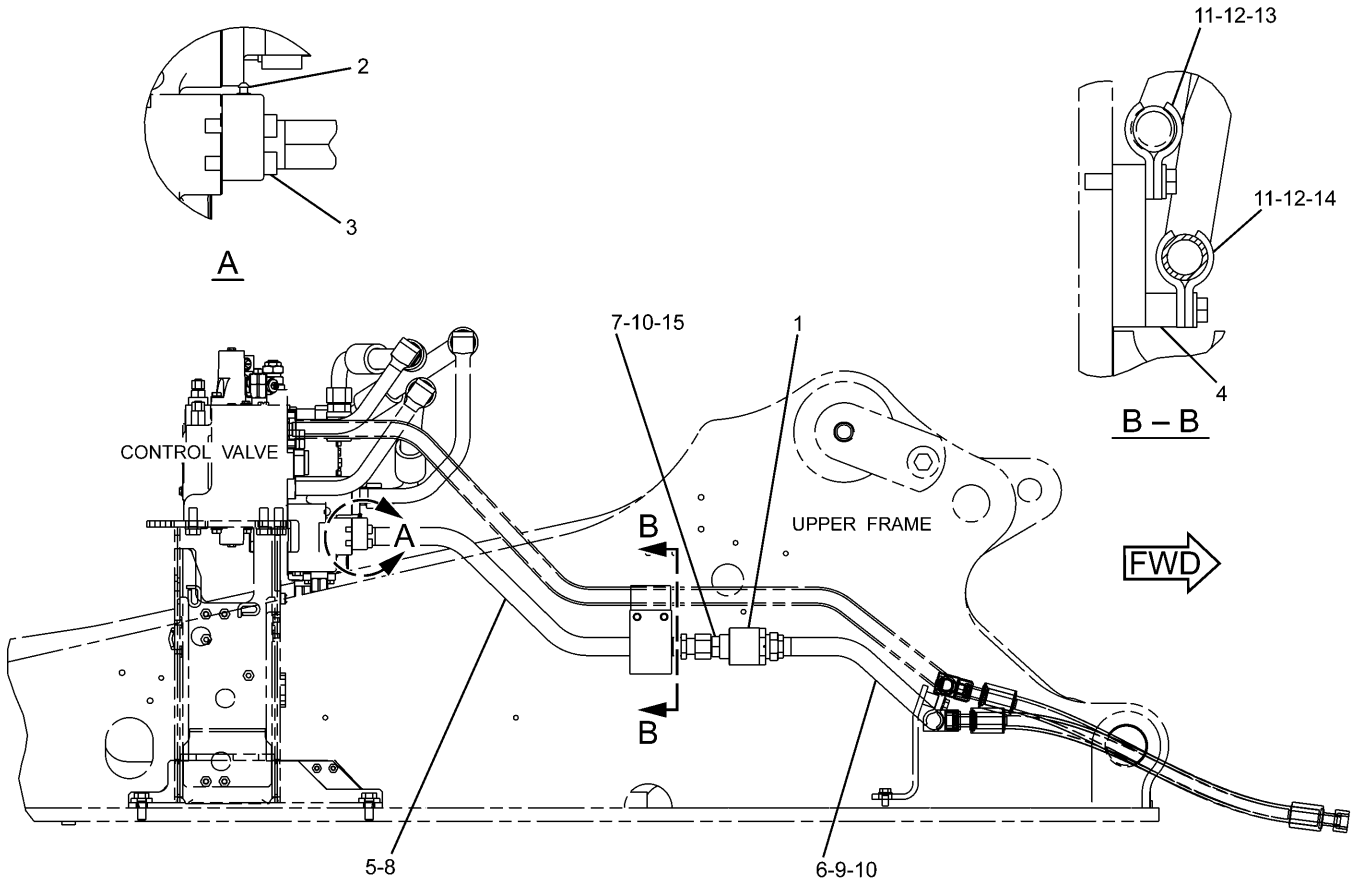
Y—SEE SEPARATE ILLUSTRATION

H98343E 04

239-1726 LINES GP-FRONT

Hammer Return Filter
Part of 247-7459-Page448
224-1687-Page334
An Attachment

HYDRAULIC SYSTEM



RIGHT SIDE VIEW

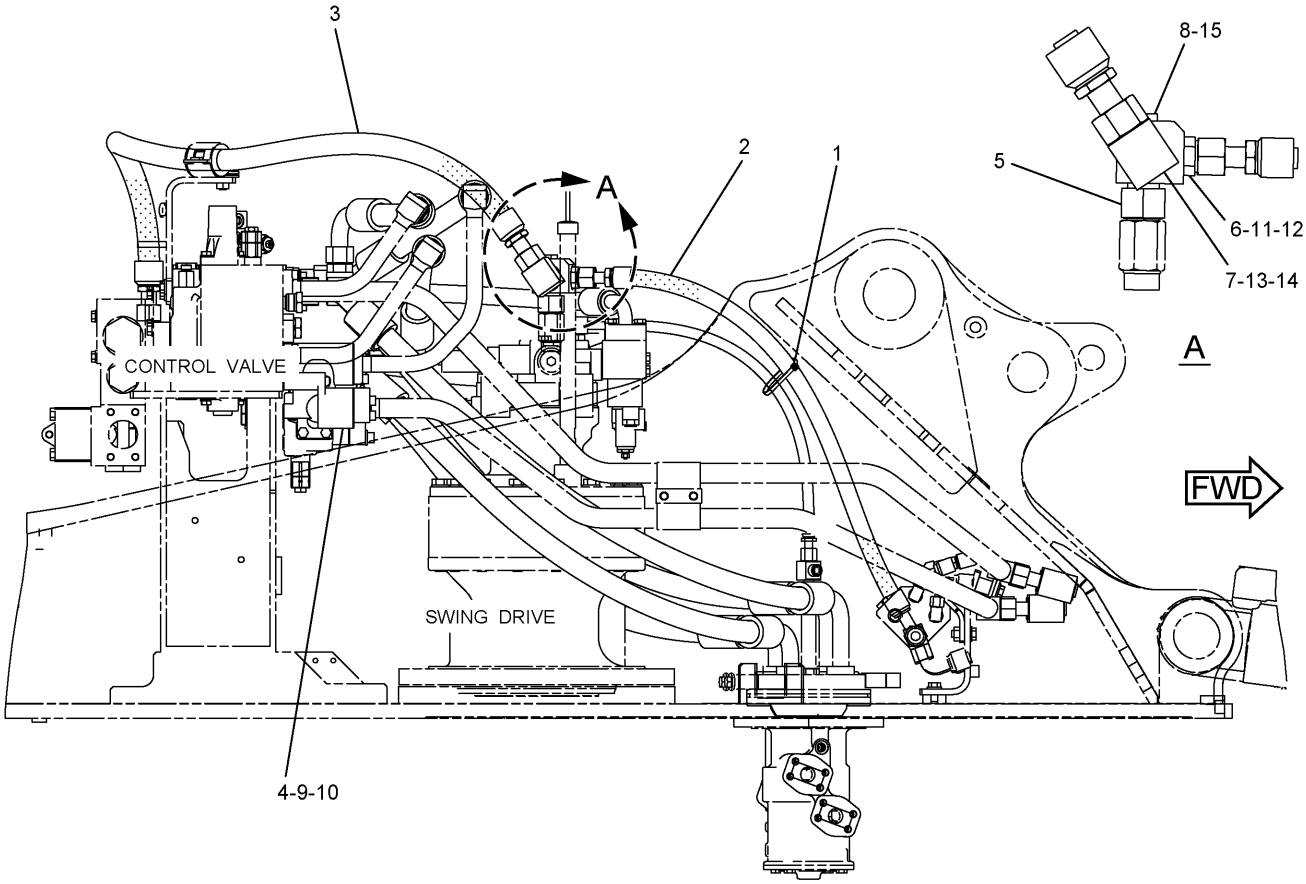
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-8789	1	VALVE GP					
	2	9F-2167	1	SCREW					
	3	101-7398	4	BOLT (L=40mm)					
	4	268-7183	1	PLATE AS					
	5	268-7185	1	TUBE AS					
	6	268-7186	1	TUBE AS					
	7	6V-8635	1	CONNECTOR					
	8	1P-3703	1	SEAL					
	9	6V-9746	2	SEAL-O-RING (OD=22.50mm)					
	10	7M-8485	2	SEAL-O-RING (ID=29.74mm)					
	11	7Y-3732	4	CLIP					
	12	8T-4223	4	WASHER					
	13	8T-4910	2	BOLT (L=60mm)					
	14	8T-4956	2	BOLT (L=35mm)					
	15	5K-9090	1	SEAL-O-RING (OD=27.22mm)					

H90266E 00

268-7074 LINES GP-FRONT

S/N DFB 1-Up
Part of 302-9207-Page740
An Attachment

HYDRAULIC SYSTEM



RIGHT SIDE VIEW

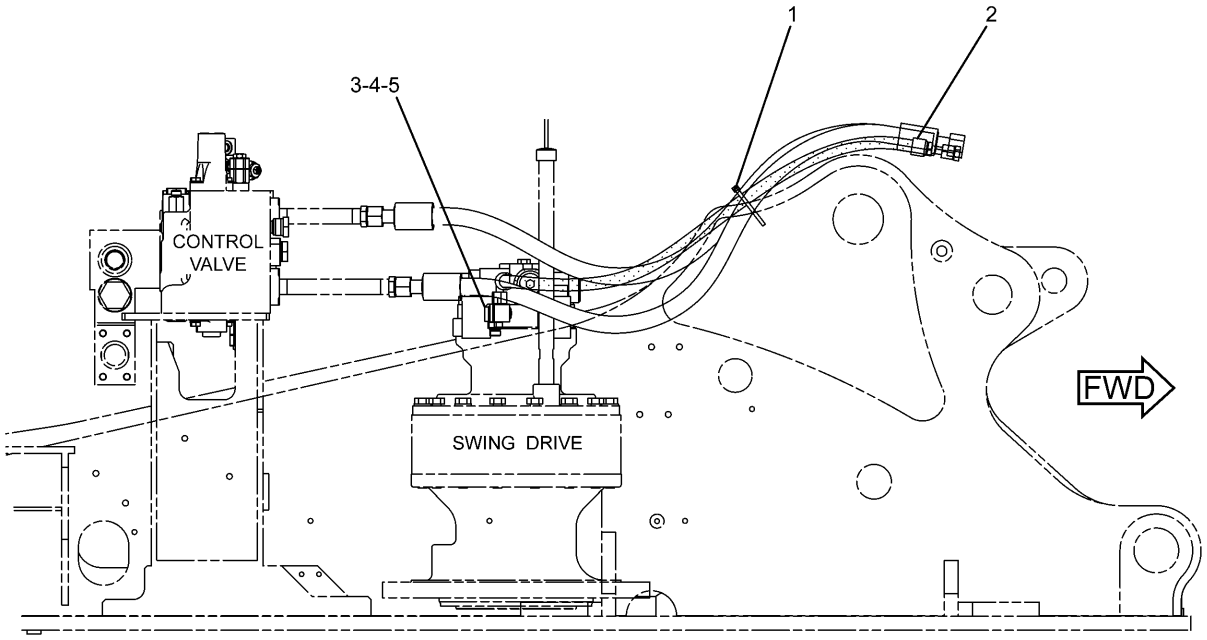
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7K-1181	1	STRAP					
	2	107-1567	1	HOSE AS					
	3	319-9845	1	HOSE AS					
	4	201-9378	1	BLOCK					
	5	307-4920	1	FITTING					
	6	6V-8637	1	CONNECTOR					
	7	6V-9008	1	ELBOW					
	8	9S-4185	1	PLUG					
	9	1P-3703	1	SEAL					
	10	4J-5268	1	SEAL-O-RING (ID=13.94mm)					
	11	3D-2824	1	SEAL-O-RING (ID=23.47mm)					
	12	6V-9746	1	SEAL-O-RING (OD=22.50mm)					
	13	5K-9090	1	SEAL-O-RING (OD=27.22mm)					
	14	7M-8485	1	SEAL-O-RING (ID=29.74mm)					
	15	3K-0360	1	SEAL-O-RING (ID=16.36mm)					

H99585E 03

282-7161 LINES GP-RETURN

BOOM LOWERING CONTROL
S/N BWZ 1-Up, DFB 1-Up
Part of 270-5974-Page447
An Attachment

HYDRAULIC SYSTEM



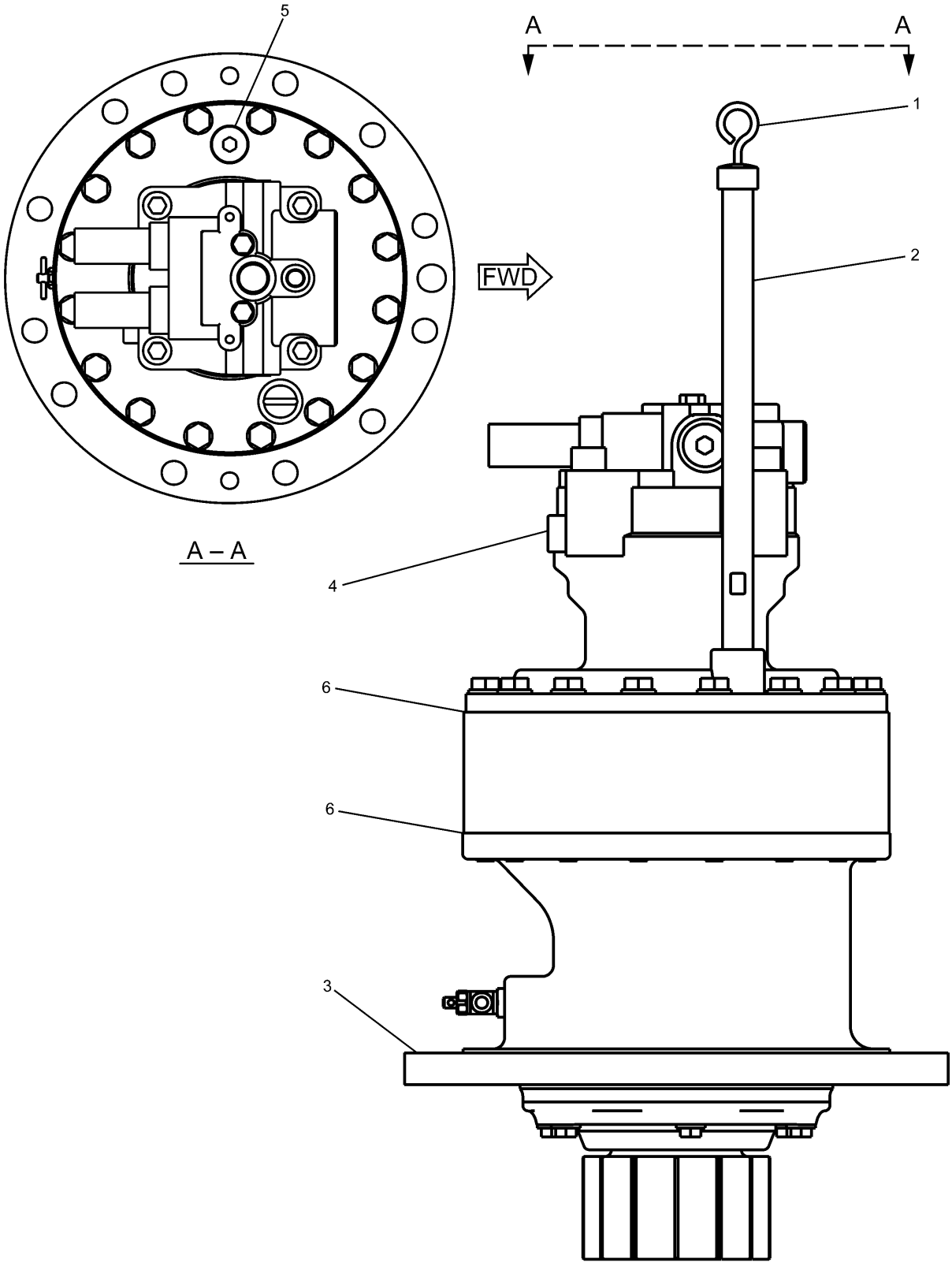
RIGHT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7K-1181	1	STRAP					
	2	236-3087	1	HOSE AS					
	3	3K-0360	1	SEAL-O-RING (ID=16.36mm)					
	4	6V-8398	1	SEAL-O-RING (OD=16.03mm)					
	5	286-6656	1	FITTING					

H93454E 01

260-8012 LINES GP-DRAIN
An Attachment

MEMORANDA



H91402E 05

148-4679 DRIVE GP-SWING
148-4644-Page502,158-8985-Page504

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	114-1398	1	GAUGE					
	2	114-1399	1	PIPE					
Y	3	148-4644	1	DRIVE GP					
Y	4	158-8985	1	MOTOR GP					
	5	227-6221	1	BREATHER AS					
		4H-6112	1	BREATHER AS					
		227-6215	1	BOSS					
		267-6785	1	NIPPLE					
B	6	1U-8846		GASKET MAKER···(10ml)					

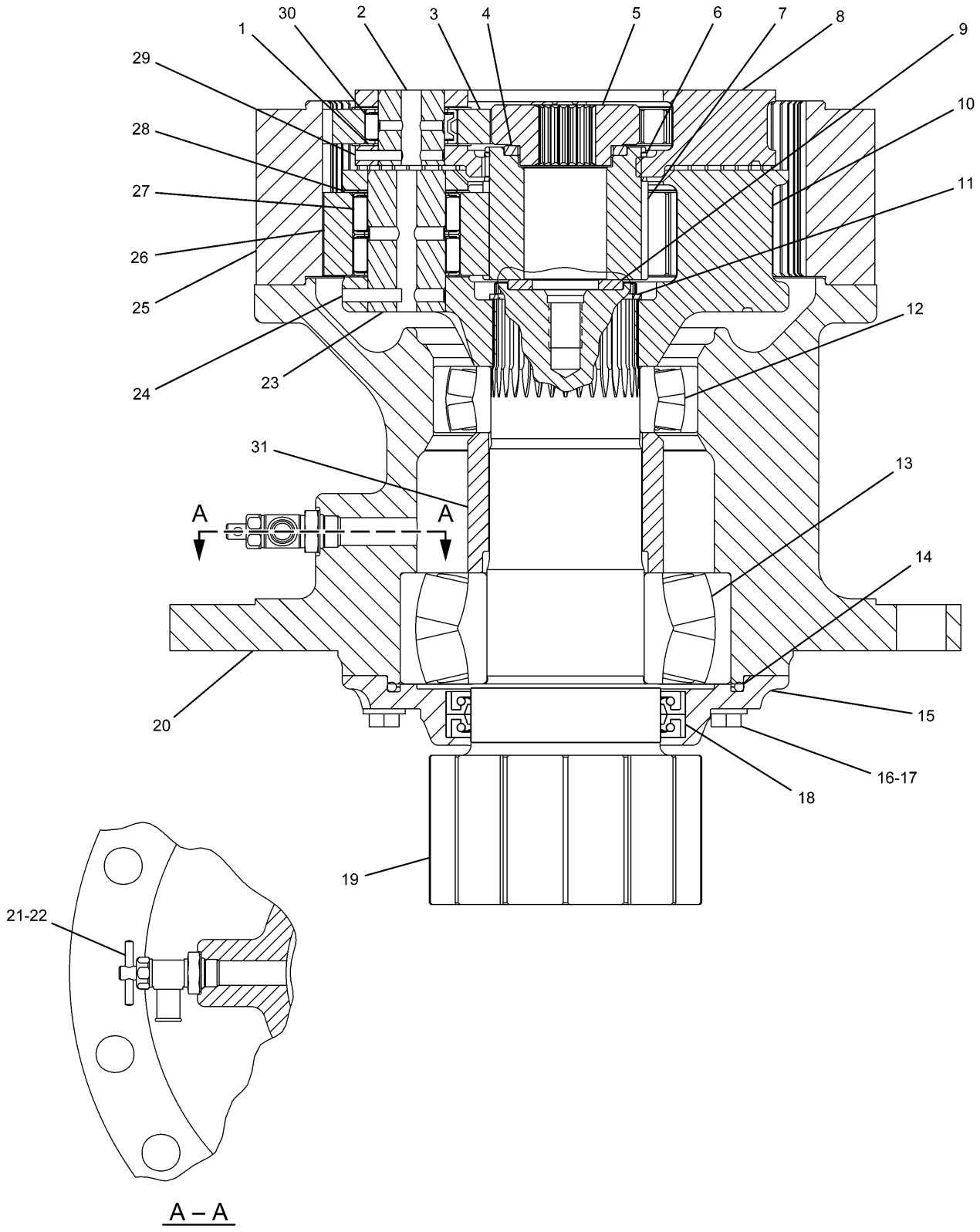
B—USE AS REQUIRED

Y—SEE SEPARATE ILLUSTRATION

H91402E 05

148-4679 DRIVE GP-SWING

148-4644-Page502,158-8985-Page504



H90571E 11

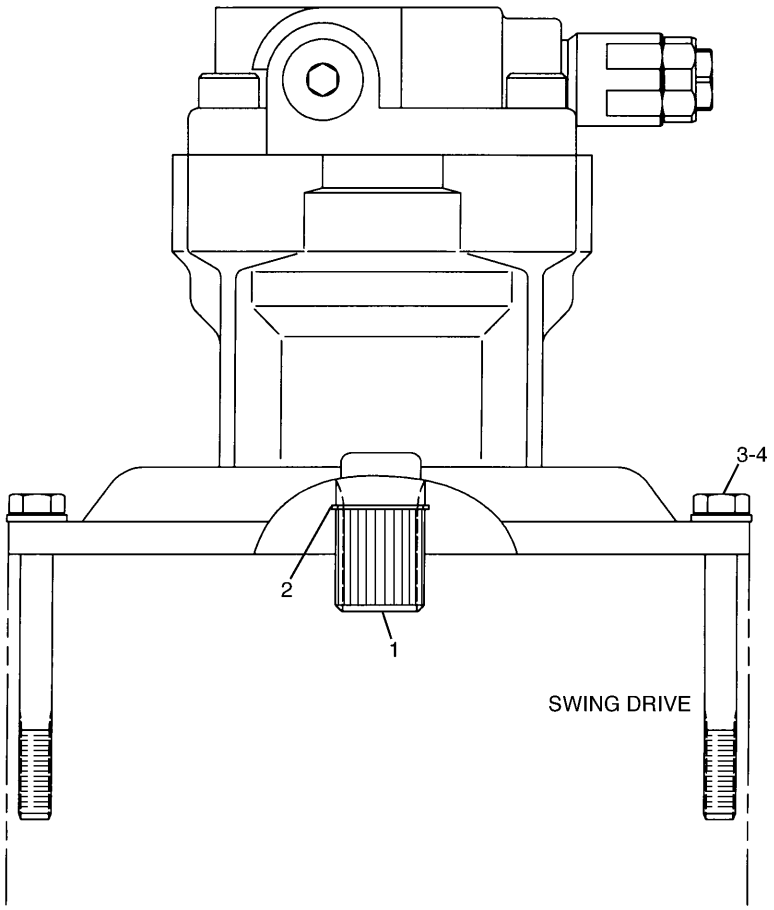
148-4644 DRIVE GP-SWING
Part of 148-4679-Page501

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	094-0584	6	WASHER					
	2	094-1509	3	SHAFT					
	3	148-4733	3	GEAR (Z=26)					
	4	114-1581	1	SPACER					
	5	148-4732	1	GEAR (Z=20)					
	6	093-1729	2	RING					
	7	148-4632	1	GEAR (Z=23)					
	8	191-2578	1	CARRIER					
	9	7Y-1434	1	SPACER					
	10	148-4637	1	CARRIER					
	11	148-4640	1	RING					
	12	148-4643	1	BEARING					
	13	095-1022	1	BEARING					
	14	148-4642	1	SEAL-O-RING (ID=204.30mm)					
	15	227-6228	1	CAGE					
	16	8T-4183	6	BOLT (L=40mm)					
	17	8T-4223	6	WASHER					
	18	199-4561	2	SEAL					
	19	148-4636	1	SHAFT					
	20	148-4638	1	HOUSING					
	21	3K-0360	1	SEAL-O-RING (ID=16.36mm)					
	22	6V-7238	1	VALVE					
	23	148-4634	3	SHAFT					
	24	095-0891	3	PIN					
	25	148-4635	1	GEAR (Z=73)					
	26	148-4633	3	GEAR (Z=25)					
	27	7Y-0252	6	BEARING					
	28	094-0611	6	WASHER					
	29	095-0886	3	PIN					
	30	094-1516	3	BEARING					
	31	171-9383	1	SPACER					

H90571E 11

148-4644 DRIVE GP-SWING
Part of 148-4679-Page501



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	158-8986	1	MOTOR GP					
	2	6V-5200	1	RING					
	3	7X-2558	16	BOLT (L=150mm)					
	4	9X-8257	16	WASHER					

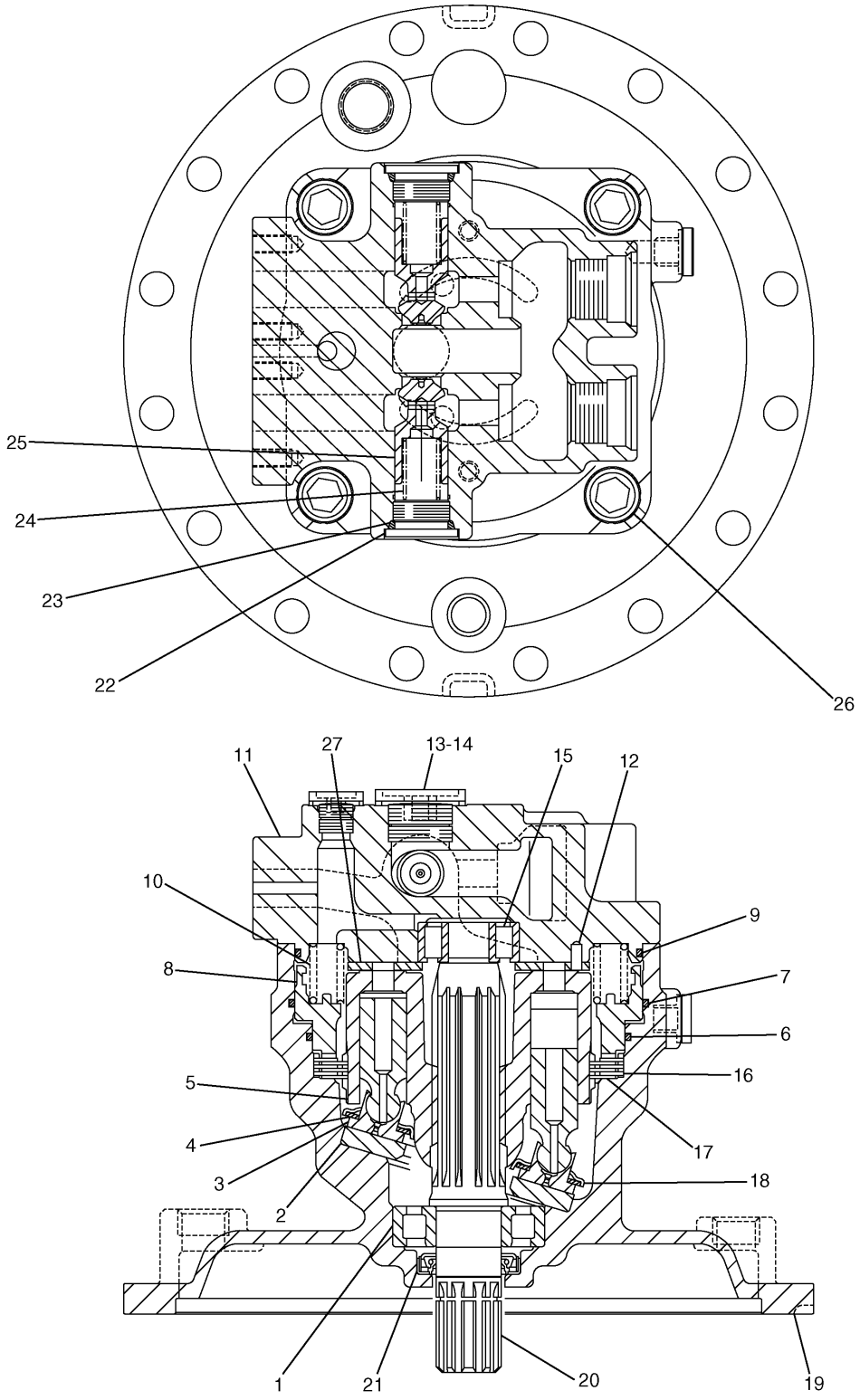
Y—SEE SEPARATE ILLUSTRATION

H67319E 02

158-8985 MOTOR & MTG GP-SWING

Part of 148-4679-Page501
158-8986-Page508

MEMORANDA



H99584E 02

191-5542 MOTOR GP-SWING
Part of 158-8986-Page508

HYDRAULIC SYSTEM

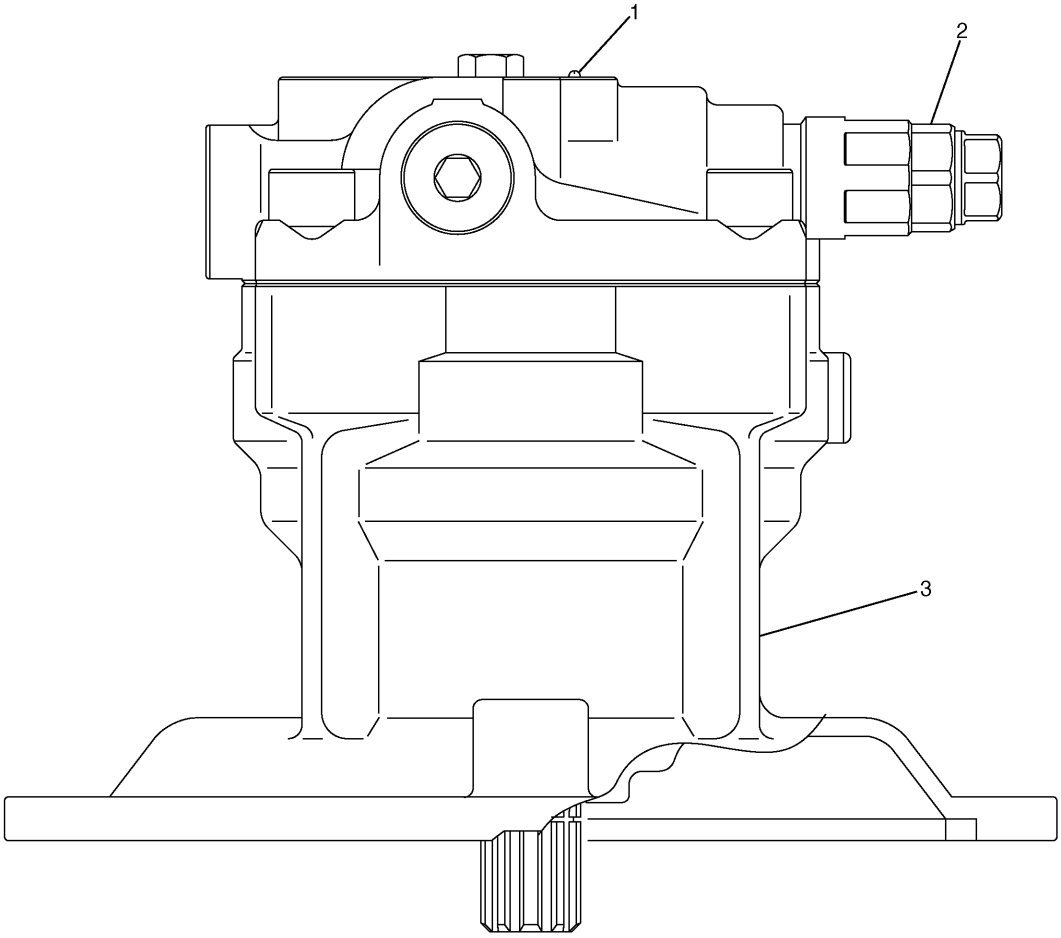
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	122-5318	1	BEARING					
	2	173-3444	1	PLATE					
	3	295-9685	1	PISTON AS					
	4	173-3443	1	PLATE					
	5	173-3441	1	BARREL					
J	6	5I-8426	1	SEAL-O-RING					
J	7	5I-8417	1	SEAL-O-RING					
	8	177-2584	1	PISTON					
J	9	5I-8623	1	SEAL-O-RING					
	10	126-2055	20	SPRING					
	11	173-3439	1	HEAD GP					
	12	095-0882	2	PIN					
	13	110-5525	2	PLUG					
J	14	3J-1907	2	SEAL-O-RING (ID=11.89mm)					
	15	5I-8625	1	BEARING					
	16	173-3451	4	PLATE					
	17	173-3450	3	PLATE					
	18	173-3442	1	SPRING					
	19	191-5543	1	BODY					
	20	173-3440	1	SHAFT					
J	21	173-3447	1	SEAL					
	22	094-1900	2	PLUG					
J	23	095-1595	2	SEAL-O-RING (ID=27.70mm)					
	24	7Y-4268	2	SPRING					
	25	7Y-4267	2	VALVE					
	26	7Y-5221	4	BOLT (L=45mm)					
	27	173-3445	1	PLATE					
				THE FOLLOWING REPAIR KIT IS AVAILABLE:					
		173-3454	1	SEAL KIT (INCLUDES PARTS MARKED J)					

H99584E 02

191-5542 MOTOR GP-SWING

Part of 158-8986-Page508

HYDRAULIC SYSTEM



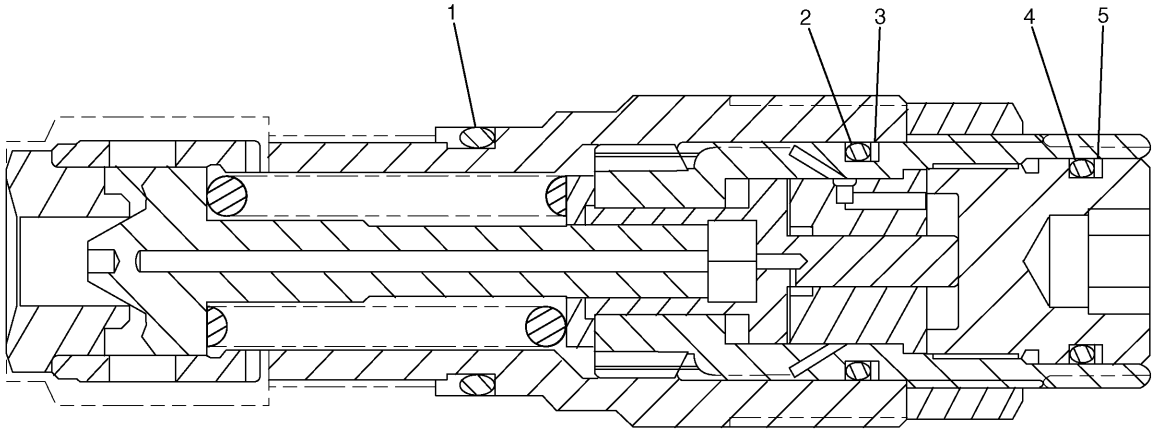
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5B-9304	2	SCREW					
Y	2	173-3452	2	VALVE GP					
Y	3	191-5542	1	MOTOR GP					

Y—SEE SEPARATE ILLUSTRATION

H77819E 05

158-8986 MOTOR GP-SWING

Part of 158-8985-Page504
191-5542-Page506,173-3452-Page509

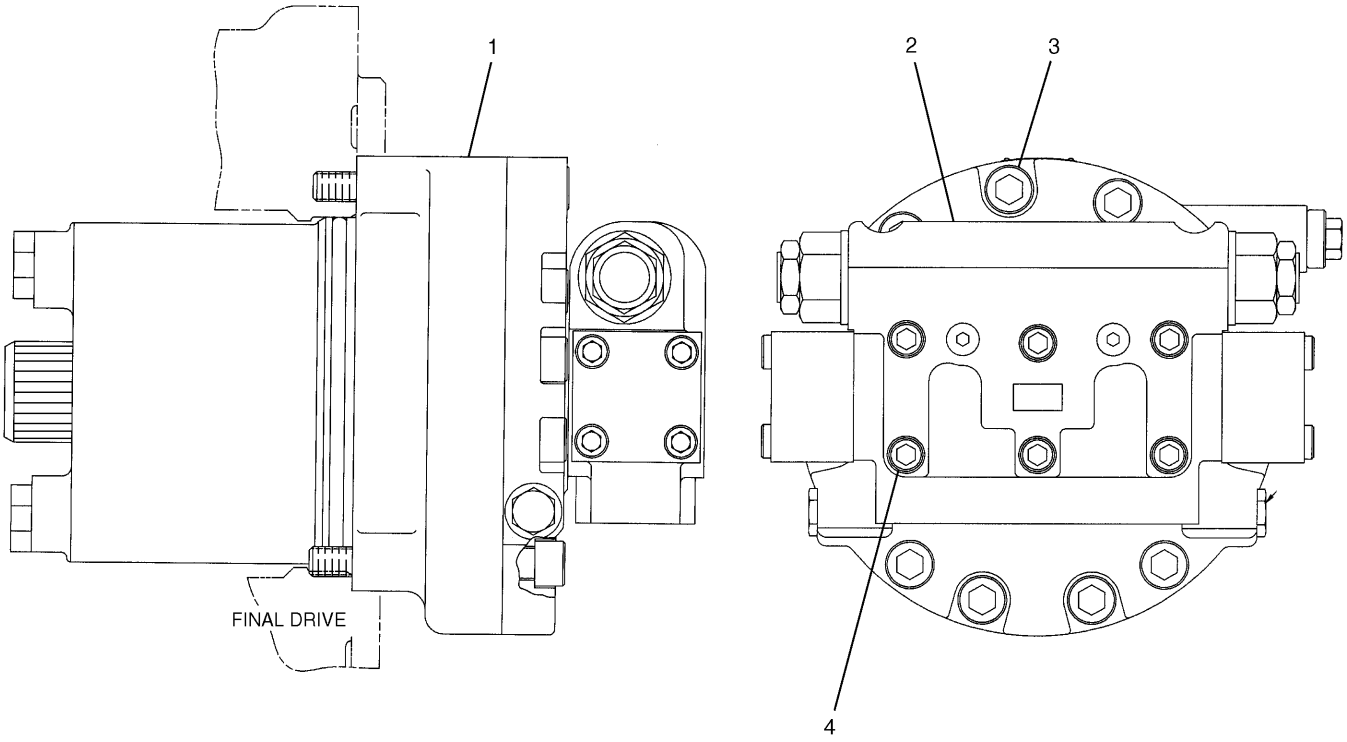


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	095-1698	1	SEAL-O-RING (ID=29.40mm)					
	2	6V-5556	1	SEAL-O-RING (ID=25.07mm)					
	3	7I-0966	1	RING					
	4	7J-9933	1	SEAL-O-RING (ID=21.89mm)					
	5	168-0765	1	RING					

H67331E 00

173-3452 VALVE GP-RELIEF

Part of 158-8986-Page508



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	209-5992	1	MOTOR GP					
Y	2	204-2819	1	VALVE GP					
	3	095-0707	3	BOLT (L=120mm)					
	4	3E-6910	6	BOLT (L=70mm)					

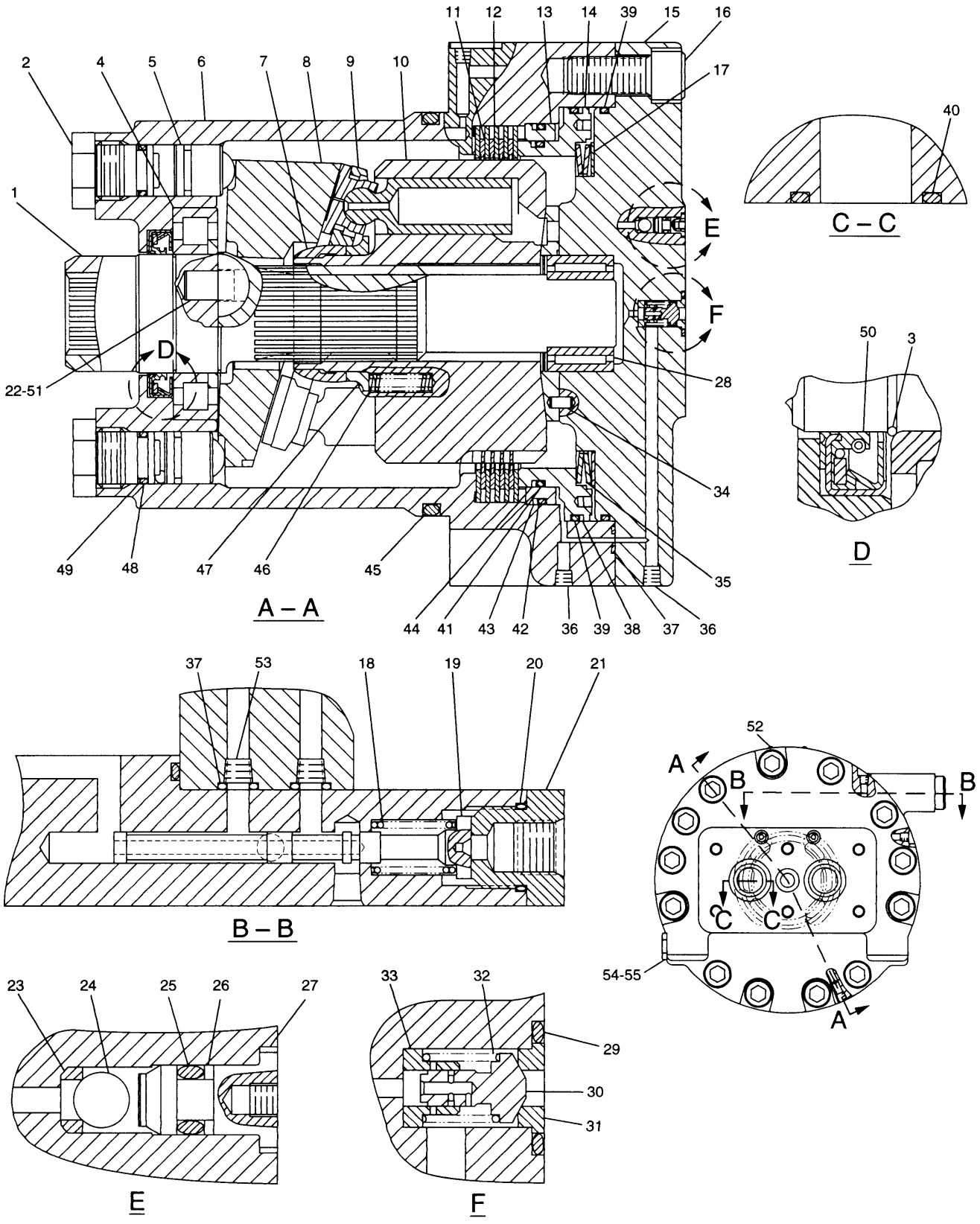
Y—SEE SEPARATE ILLUSTRATION

H84513E 00

215-9982 MOTOR & MTG GP-TRAVEL

Part of 227-6913-Page231
209-5992-Page512,204-2819-Page516

MEMORANDA



H87363E 02

209-5992 MOTOR GP-TRAVEL
Part of 215-9982-Page510

HYDRAULIC SYSTEM

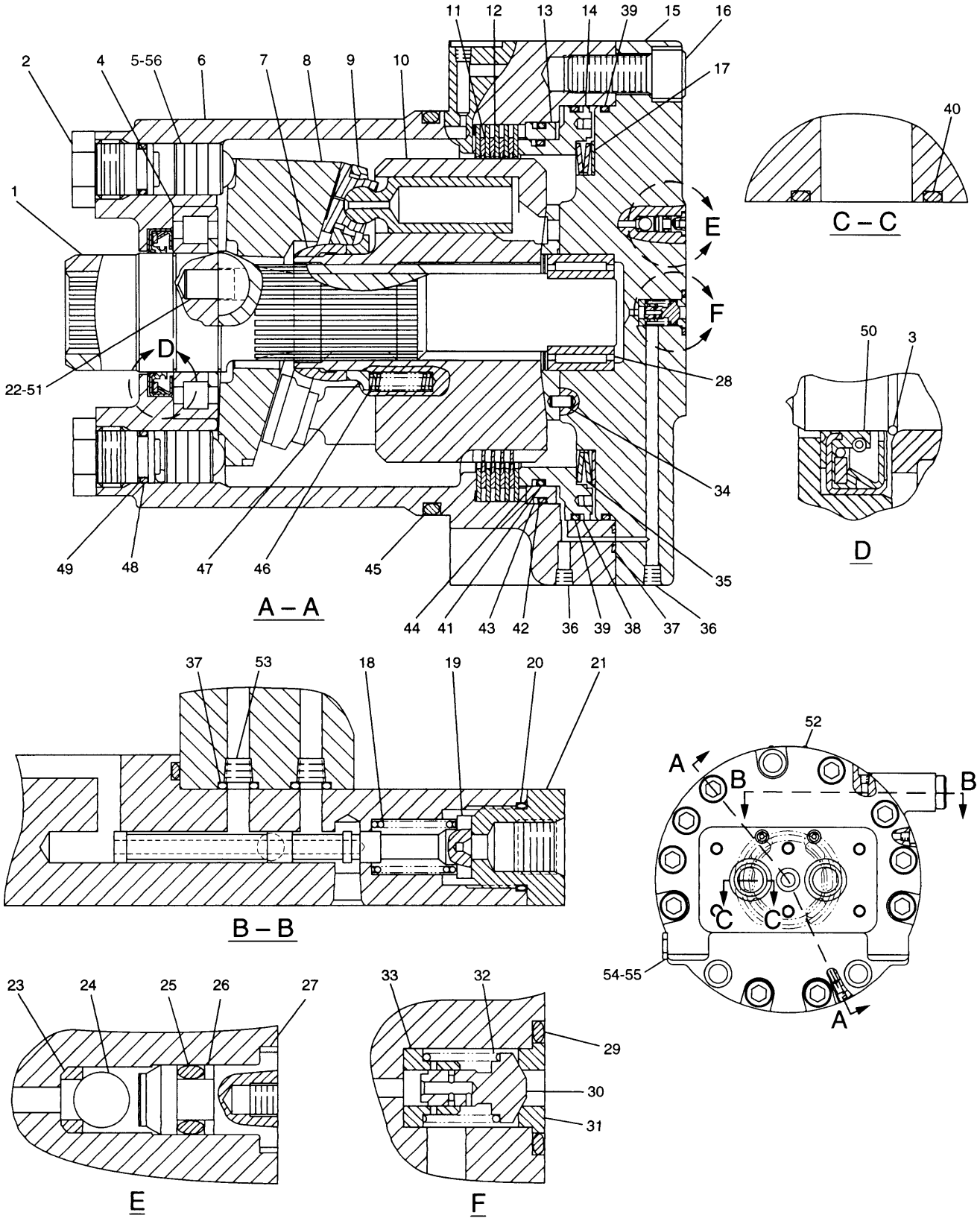
NOTE	No.	PART No.	QTY	PART NAME
	1	209-5894	1	SHAFT
	2	087-4743	2	STOPPER
	3	094-1399	1	RING
	4	7Y-4212	1	BEARING
	5	087-4757	2	PISTON
	6	107-6969	1	BODY
	7	122-5114	1	GUIDE
	8	209-5909	1	PLATE
	9	147-5860	1	PISTON AS
	10	133-6777	1	BARREL AS
	11	107-6954	4	PLATE
	12	107-6955	5	PLATE
	13	096-1523	1	GUIDE
	14	7Y-4213	1	PISTON
	15	7Y-4202	1	HEAD
	16	8T-4944	10	BOLT (L=40mm)
B	17	096-1521	1	SHIM (T=1.00mm)
B		096-3785	1	SHIM (T=1.20mm)
B		096-3786	1	SHIM (T=1.40mm)
B		096-3787	1	SHIM (T=1.60mm)
B		096-3788	1	SHIM (T=1.80mm)
B		096-1522	1	SHIM (T=2.00mm)
	18	096-3978	1	SPRING
	19	7Y-4216	1	SPOOL
J	20	2M-9780	1	SEAL-O-RING (ID=19.18mm)
	21	087-4786	1	ADAPTER
	22	121-1558	2	PIN
	23	096-5916	2	SEAT
	24	2D-6642	2	BALL
J	25	095-1572	2	SEAL-O-RING (ID=4.80mm)
J	26	096-5919	2	RING
	27	096-5915	2	RETAINER
	28	096-4003	1	BEARING SET
J	29	095-1585	1	SEAL-O-RING (ID=17.80mm)
	30	087-4742	1	VALVE
	31	096-1519	1	SEAT
	32	095-7380	1	SPRING
	33	095-7382	1	RETAINER
	34	094-1875	1	DOWEL
	35	095-7378	1	WASHER SET
	36	094-1882	11	PLUG
J	37	095-1575	3	SEAL-O-RING (ID=7.80mm)
J	38	096-4378	1	RING
J	39	096-4377	2	SEAL-O-RING (ID=190.00mm)
J	40	095-1700	2	SEAL-O-RING (ID=34.40mm)
J	41	095-7384	1	SEAL-O-RING (ID=160.00mm)
J	42	095-7383	1	SEAL-O-RING (ID=174.00mm)
J	43	095-7386	1	RING
J	44	095-7387	1	RING
J	45	095-1685	1	SEAL-O-RING (ID=179.30mm)
	46	118-4057	9	SPRING
	47	7Y-4215	1	SPACER
J	48	095-1586	2	SEAL-O-RING (ID=19.80mm)
J	49	7Y-4217	2	RING
J	50	096-4376	1	SEAL
	51	123-2008	2	KEY
	52	095-7419	4	SCREW
	53	7Y-4224	2	ORIFICE
J	54	3K-0360	1	SEAL-O-RING (ID=16.36mm)
	55	9S-4185	1	PLUG
				THE FOLLOWING REPAIR
				KIT IS AVAILABLE:
		7Y-4222	1	SEAL KIT
				(INCLUDES PARTS MARKED J)
				THE FOLLOWING SERVICE
				REPAIR IS AVAILABLE:
		142-5515	2	RING

B—USE AS REQUIRED

H87363E 02

209-5992 MOTOR GP-TRAVEL

Part of 215-9982-Page510



H87076E 01

215-9952 MOTOR GP-TRAVEL

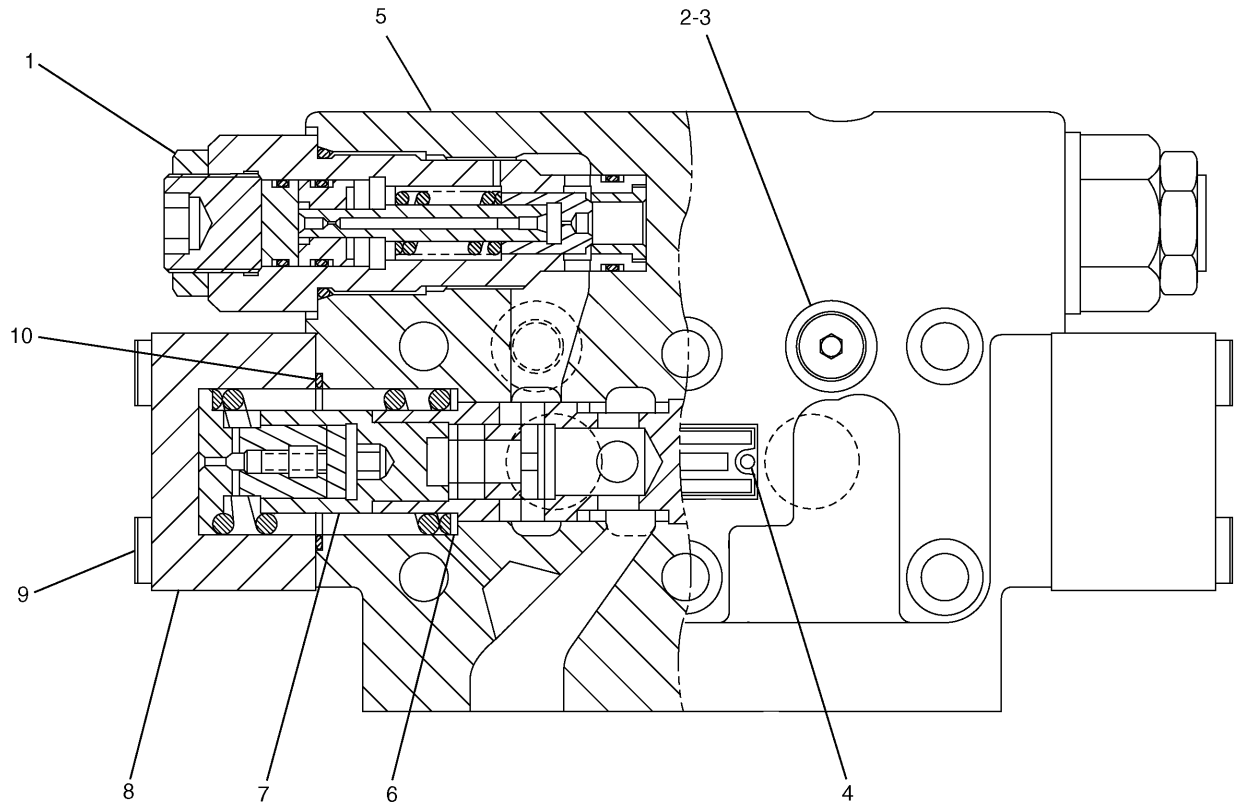
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME
	1	209-5894	1	SHAFT
	2	087-4743	2	STOPPER
	3	094-1399	1	RING
	4	7Y-4212	1	BEARING
	5	087-4757	2	PISTON
	6	107-6969	1	BODY
	7	122-5114	1	GUIDE
	8	209-5909	1	PLATE
	9	147-5860	1	PISTON AS
	10	234-4629	1	BARREL AS
	11	107-6954	4	PLATE
	12	107-6955	5	PLATE
	13	096-1523	1	GUIDE
	14	7Y-4213	1	PISTON
	15	7Y-4202	1	HEAD
	16	8T-4944	10	BOLT (L=40mm)
B	17	096-1521	1	SHIM (T=1.00mm)
B		096-3785	1	SHIM (T=1.20mm)
B		096-3786	1	SHIM (T=1.40mm)
B		096-3787	1	SHIM (T=1.60mm)
B		096-3788	1	SHIM (T=1.80mm)
B		096-1522	1	SHIM (T=2.00mm)
	18	096-3978	1	SPRING
	19	7Y-4216	1	SPOOL
J	20	2M-9780	1	SEAL-O-RING (ID=19.18mm)
	21	087-4786	1	ADAPTER
	22	121-1558	2	PIN
	23	096-5916	2	SEAT
	24	2D-6642	2	BALL
J	25	095-1572	2	SEAL-O-RING (ID=4.80mm)
J	26	096-5919	2	RING
	27	096-5915	2	RETAINER
	28	096-4003	1	BEARING SET
J	29	095-1585	1	SEAL-O-RING (ID=17.80mm)
	30	087-4742	1	VALVE
	31	096-1519	1	SEAT
	32	095-7380	1	SPRING
	33	095-7382	1	RETAINER
	34	094-1875	1	DOWEL
	35	095-7378	1	WASHER SET
	36	094-1882	11	PLUG
J	37	095-1575	3	SEAL-O-RING (ID=7.80mm)
J	38	096-4378	1	RING
J	39	096-4377	2	SEAL-O-RING (ID=190.00mm)
J	40	095-1700	2	SEAL-O-RING (ID=34.40mm)
J	41	095-7384	1	SEAL-O-RING (ID=160.00mm)
J	42	095-7383	1	SEAL-O-RING (ID=174.00mm)
J	43	095-7386	1	RING
J	44	095-7387	1	RING
J	45	095-1685	1	SEAL-O-RING (ID=179.30mm)
	46	096-4389	9	SPRING
	47	7Y-4215	1	SPACER
J	48	095-1586	2	SEAL-O-RING (ID=19.80mm)
J	49	7Y-4217	2	RING
J	50	096-4376	1	SEAL
	51	123-2008	2	KEY
	52	095-7419	4	SCREW
	53	7Y-4224	2	ORIFICE
J	54	3K-0360	1	SEAL-O-RING (ID=16.36mm)
	55	9S-4185	1	PLUG
	56	142-5515	2	RING
				THE FOLLOWING REPAIR
				KIT IS AVAILABLE:
		7Y-4222	1	SEAL KIT
				(INCLUDES PARTS MARKED J)

B—USE AS REQUIRED

H87076E 01

215-9952 MOTOR GP-TRAVEL



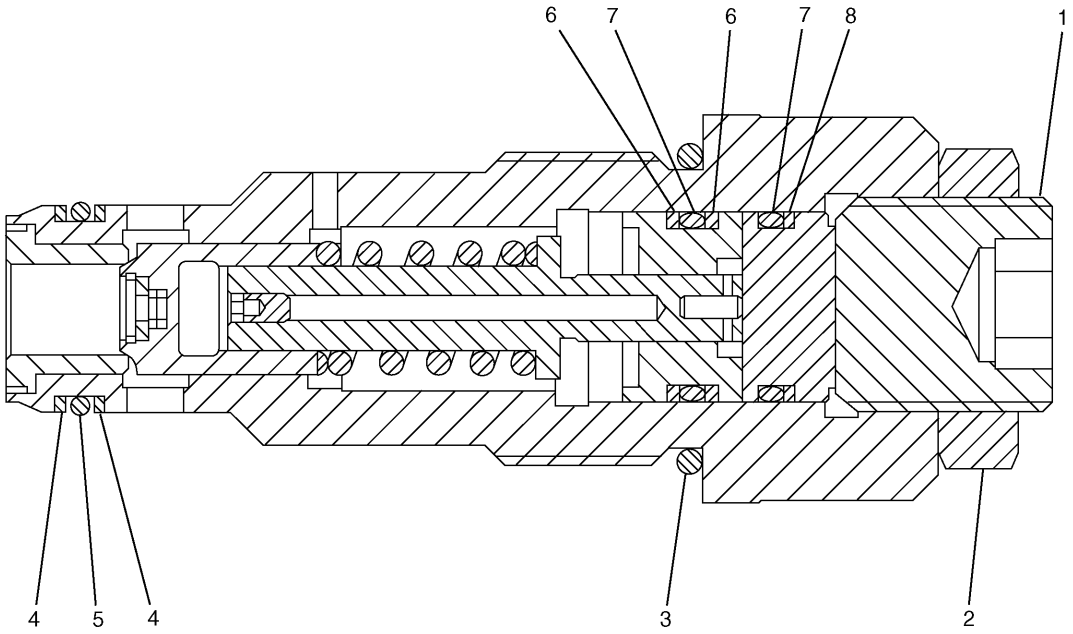
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	204-2755	2	VALVE GP					
	2	9S-8004	2	PLUG					
	3	3J-1907	2	SEAL-O-RING (ID=11.89mm)					
	4	5B-9304	2	SCREW					
	5	209-5917	1	VALVE GP					
	6	096-1545	2	WASHER					
	7	209-5920	2	SPRING					
	8	204-2756	2	COVER					
	9	8T-7811	8	BOLT (L=50mm)					
	10	5P-2568	2	SEAL-O-RING (ID=44.12mm)					

Y—SEE SEPARATE ILLUSTRATION

HA1822E 02

204-2819 VALVE GP-TRACTION CONTROL

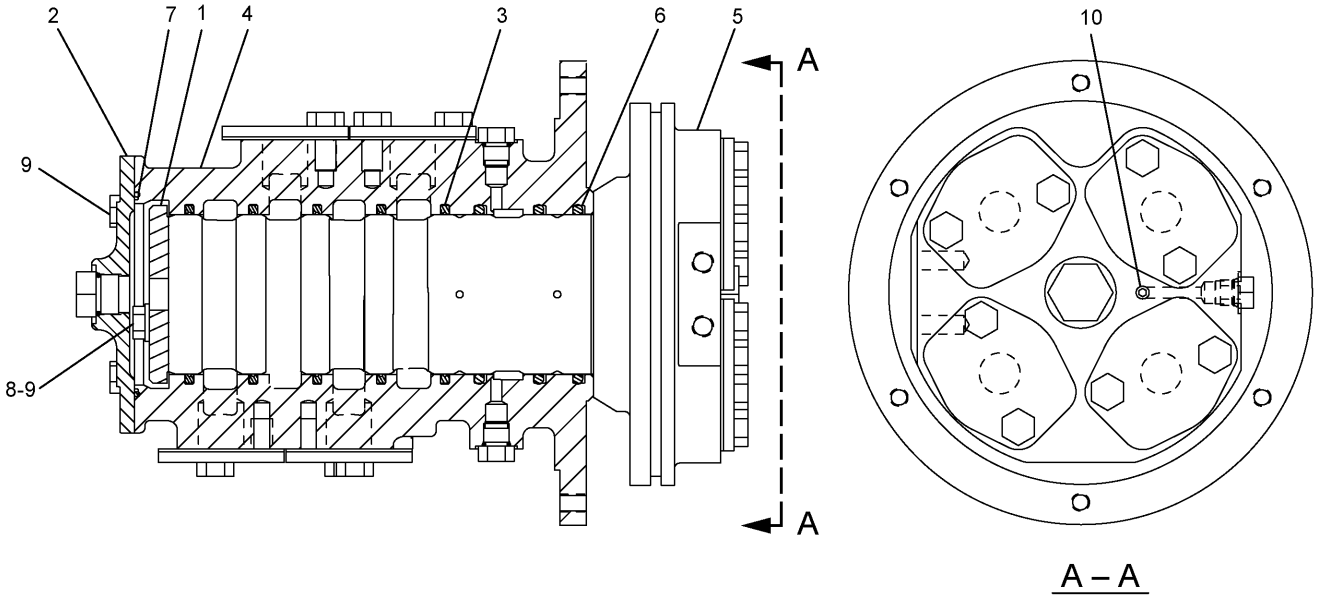
Part of 215-9982-Page510
204-2755-Page517



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-8436	1	SCREW					
	2	7Y-8437	1	NUT					
	3	095-1601	1	SEAL-O-RING (ID=34.70mm)					
	4	095-1587	2	SEAL-O-RING (ID=20.80mm)					
	5	095-1590	1	SEAL-O-RING (ID=21.80mm)					
	6	121-1459	2	RING					
	7	095-1586	2	SEAL-O-RING (ID=19.80mm)					
	8	095-1785	1	RING					

H84550E 00

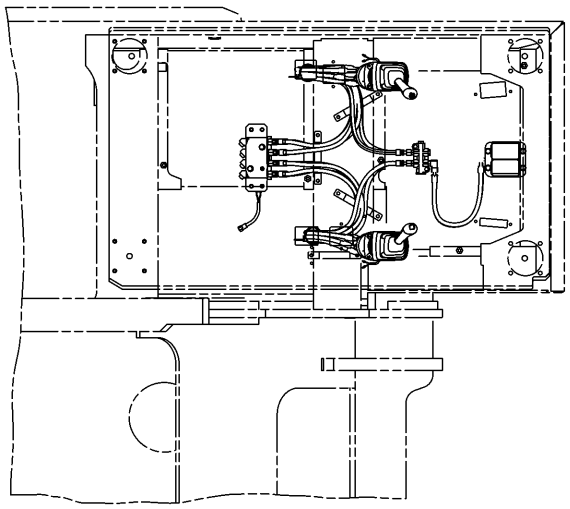
204-2755 VALVE GP-RELIEF
Part of 204-2819-Page516



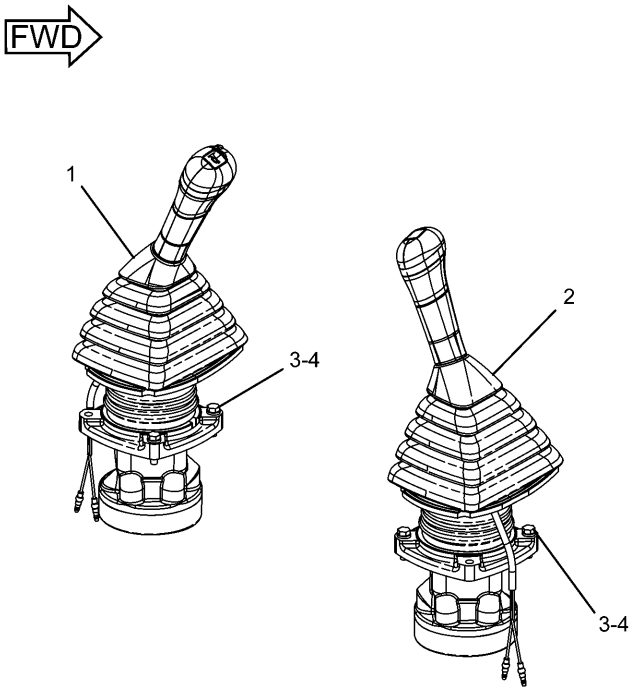
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7I-7131	1	RETAINER					
	2	7Y-4817	1	COVER					
	3	159-7782	5	SEAL					
	4	225-4548	1	HOUSING					
	5	225-4549	1	ROTOR					
	6	095-1625	3	SEAL-O-RING (ID=89.60mm)					
	7	095-1716	1	SEAL-O-RING (ID=109.40mm)					
	8	8T-4121	2	WASHER					
	9	8T-4136	6	BOLT (L=25mm)					
	10	8T-6759	1	PLUG					

H96707E 03

234-4440 SWIVEL GP
Part of 239-1716-Page437,239-1717-Page439



TOP VIEW



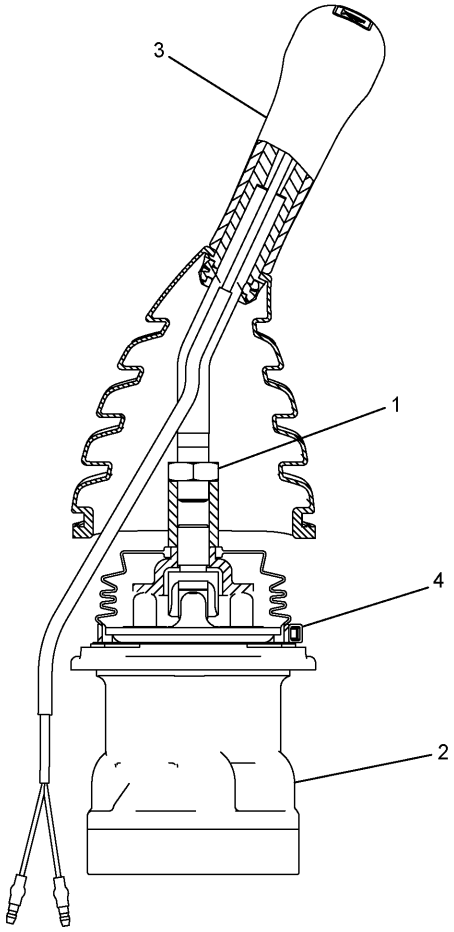
PICTORIAL VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	270-5951	1	VALVE GP (WORKING CONTROL)					
Y	2	270-5952	1	VALVE GP (WORKING CONTROL)					
	3	6V-7357	6	BOLT (L=25mm)					
	4	9X-8256	6	WASHER					

Y—SEE SEPARATE ILLUSTRATION

H92597E 01

259-7707 CONTROL & MTG GP-JOYSTICK
270-5951-Page520,270-5952-Page521
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-8463	1	NUT					
Y	2	285-1327	1	VALVE GP					
Y	3	235-8969	1	CONTROL GP					
	4	6K-0806	1	STRAP					

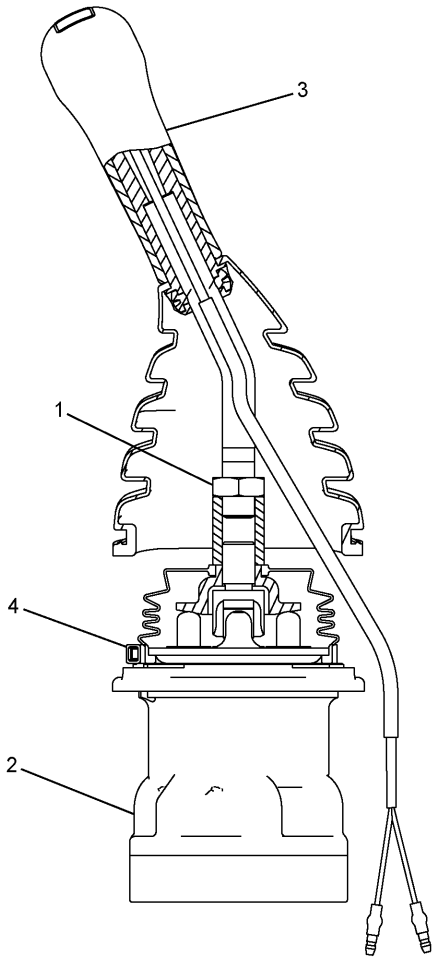
Y—SEE SEPARATE ILLUSTRATION

H98492E 01

270-5951 VALVE GP-PILOT

Left Unit

Part of 259-7707-Page519
235-8969-Page522,285-1327-Page524
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-8463	1	NUT					
Y	2	285-1327	1	VALVE GP					
Y	3	235-8970	1	CONTROL GP					
	4	6K-0806	1	STRAP					

Y—SEE SEPARATE ILLUSTRATION

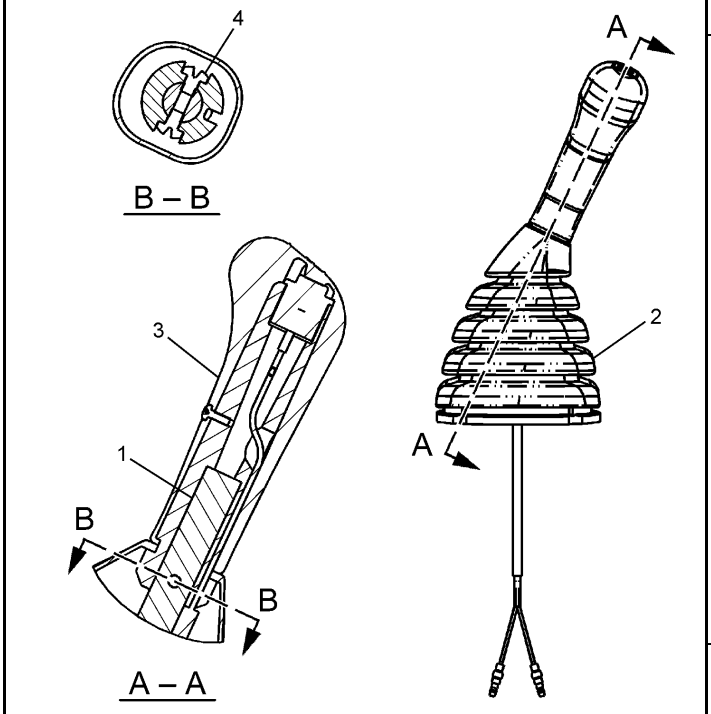
H98493E 01

270-5952 VALVE GP-PILOT

Right Unit

Part of 259-7707-Page519
235-8970-Page522,285-1327-Page524
An Attachment

HYDRAULIC SYSTEM



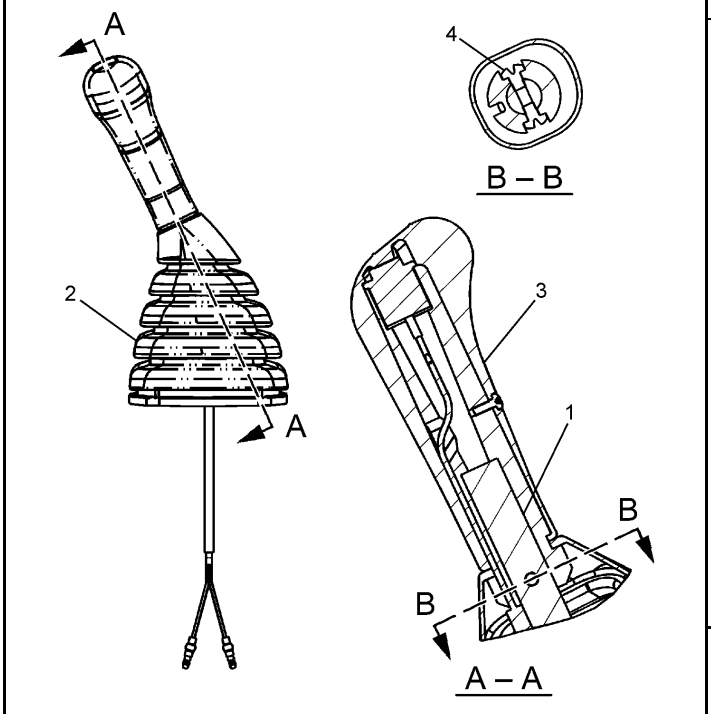
NOTE	No.	PART No.	QTY	PART NAME
	1	124-4010	1	LEVER
	2	235-8971	1	BOOT
Y	3	245-7842	1	KNOB AS
	4	096-2617	2	SCREW

Y—SEE SEPARATE ILLUSTRATION

H87373E 03

235-8969 CONTROL GP-PILOT OPERATED HYD

Part of 270-5951-Page520
245-7842-Page523
An Attachment



NOTE	No.	PART No.	QTY	PART NAME
	1	124-4010	1	LEVER
	2	235-8972	1	BOOT
Y	3	245-7844	1	KNOB AS
	4	096-2617	2	SCREW

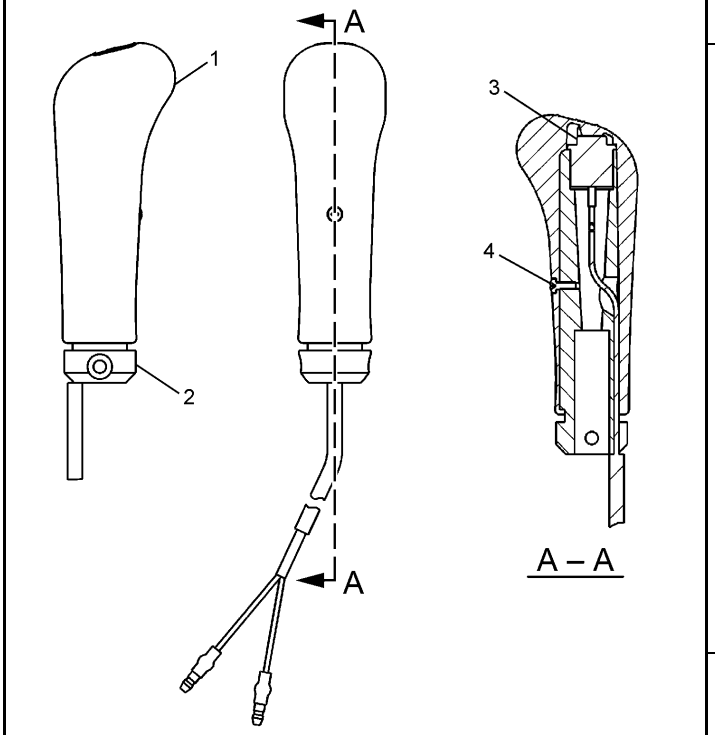
Y—SEE SEPARATE ILLUSTRATION

H87366E 03

235-8970 CONTROL GP-PILOT OPERATED HYD

Part of 270-5952-Page521
245-7844-Page523
An Attachment

HYDRAULIC SYSTEM

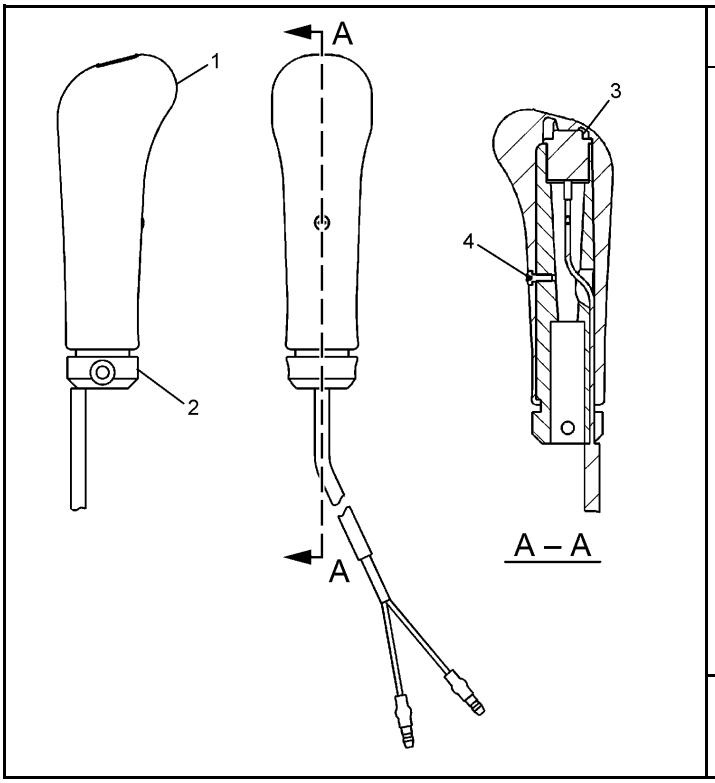


NOTE	No.	PART No.	QTY	PART NAME
	1	245-7843	1	KNOB
	2	124-4009	1	SHAFT
	3	222-0225	1	SWITCH AS
	4	6I-5298	1	SCREW

H87384E 00

245-7842 KNOB AS

Part of 235-8969-Page522
An Attachment

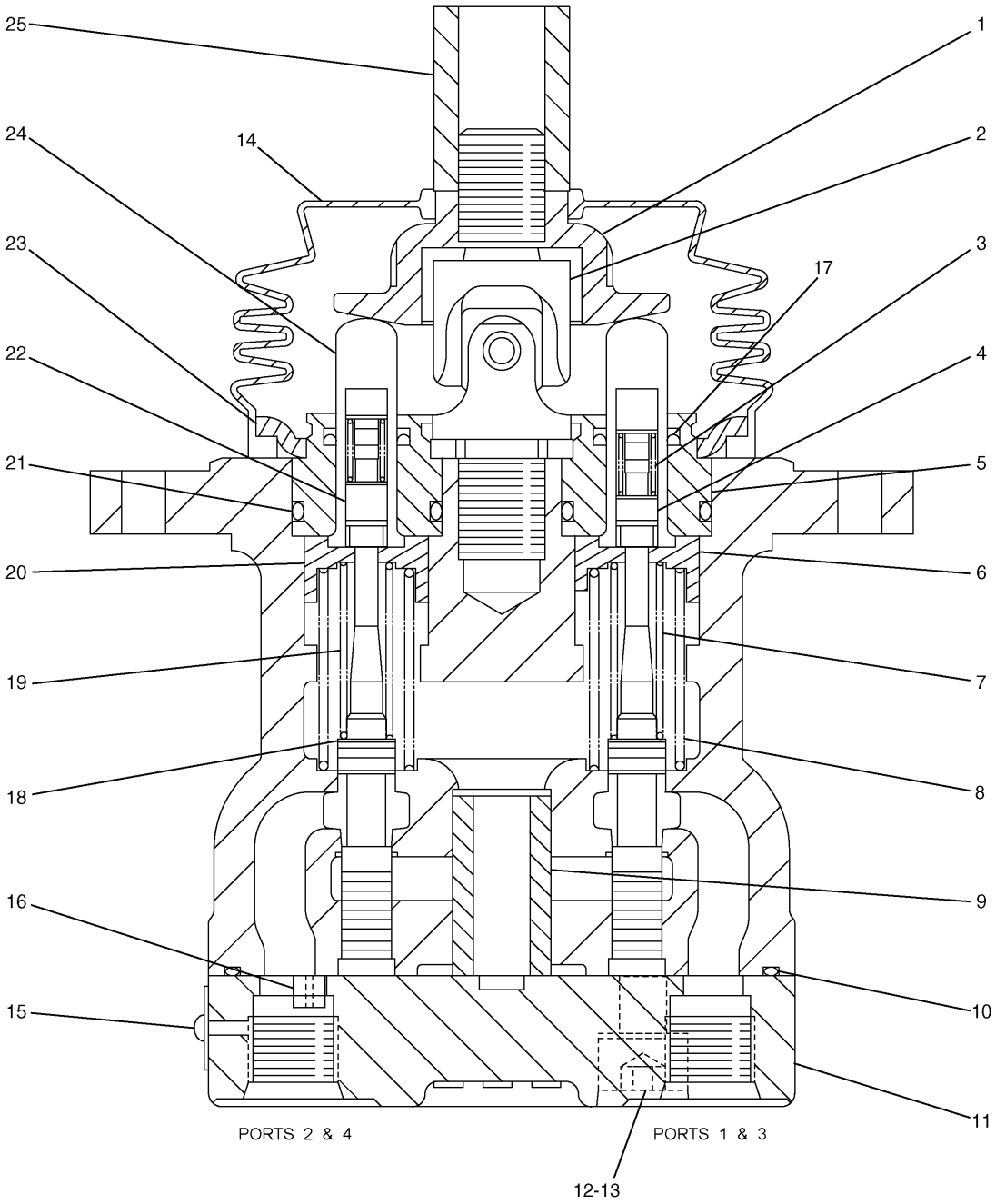


NOTE	No.	PART No.	QTY	PART NAME
	1	245-7845	1	KNOB
	2	124-4009	1	SHAFT
	3	222-0225	1	SWITCH AS
	4	6I-5298	1	SCREW

H87391E 00

245-7844 KNOB AS

Part of 235-8970-Page522
An Attachment



H92602E 00

285-1327 VALVE GP-PILOT
Part of 270-5951-Page520,270-5952-Page521
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	165-9431	1	PLATE					
	2	4I-6365	1	JOINT					
	3	118-4087	4	SPRING					
	4	165-9444	2	SEAT					
	5	096-1628	4	PLUG					
	6	165-9436	2	SEAT					
	7	165-9460	2	SPRING					
	8	270-5953	4	SPRING					
	9	165-9439	1	BUSHING					
	10	165-9448	1	SEAL-O-RING (ID=84.50mm)					
	11	168-0794	1	PLATE					
	12	096-4498	2	WASHER					
	13	6V-8337	2	BOLT (L=35mm)					
	14	171-0087	1	BELLOW					
	15	5B-9304	2	SCREW					
	16	7Y-0468	1	PIN					
	17	094-0876	4	SEAL					
B	18	099-6137	4	WASHER (T=0.2mm)					
	19	165-9442	2	SPRING					
	20	165-9435	2	SEAT					
	21	095-1586	4	SEAL-O-RING (ID=19.80mm)					
	22	165-9443	2	SEAT					
	23	165-9438	1	PLATE					
	24	118-4086	4	ROD					
	25	131-5915	1	NUT					

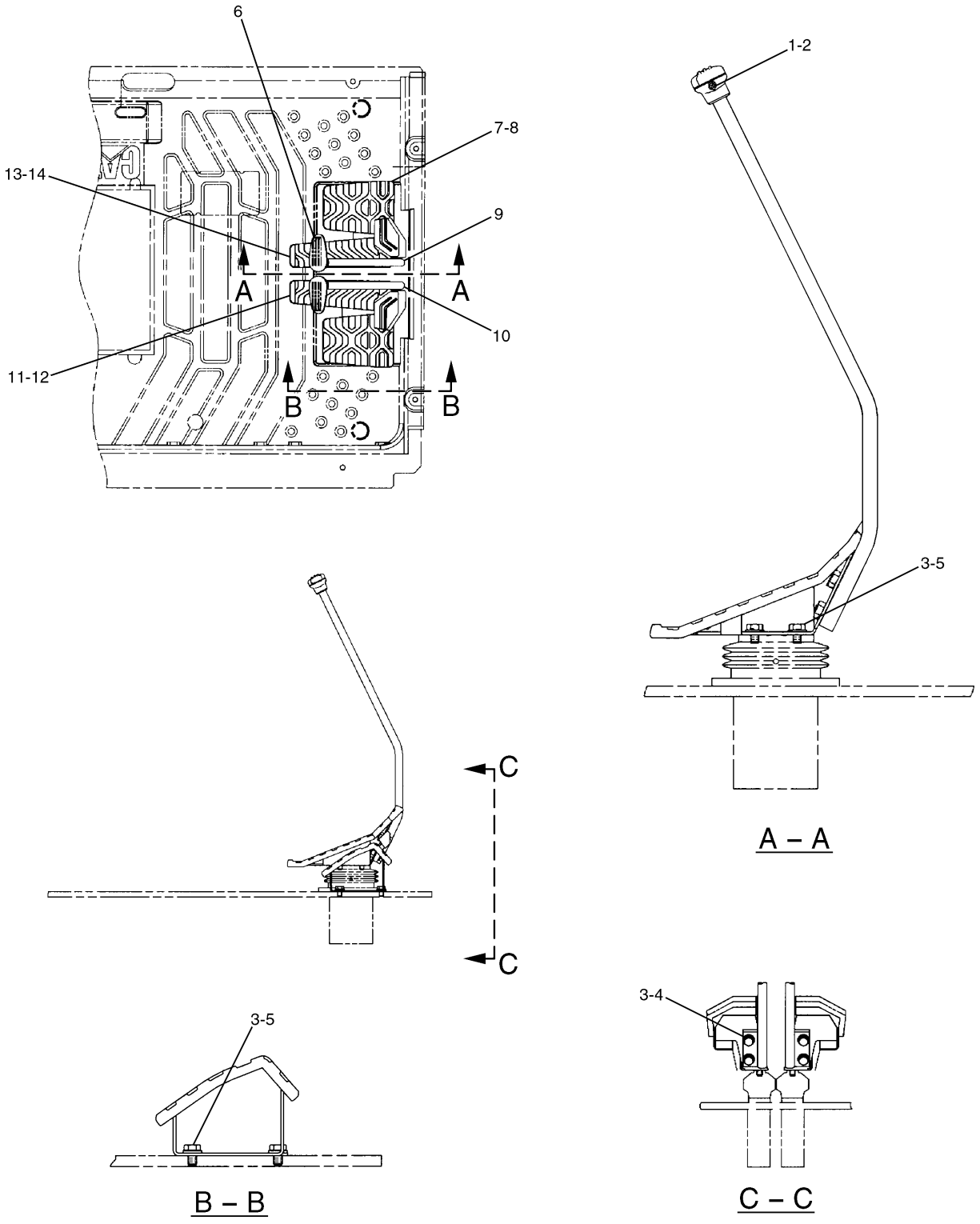
B—USE AS REQUIRED

H92602E 00

285-1327 VALVE GP-PILOT

Part of 270-5951-Page520,270-5952-Page521

An Attachment



H70098E 02

170-9497 CONTROL GP-PILOT OPERATED HYD

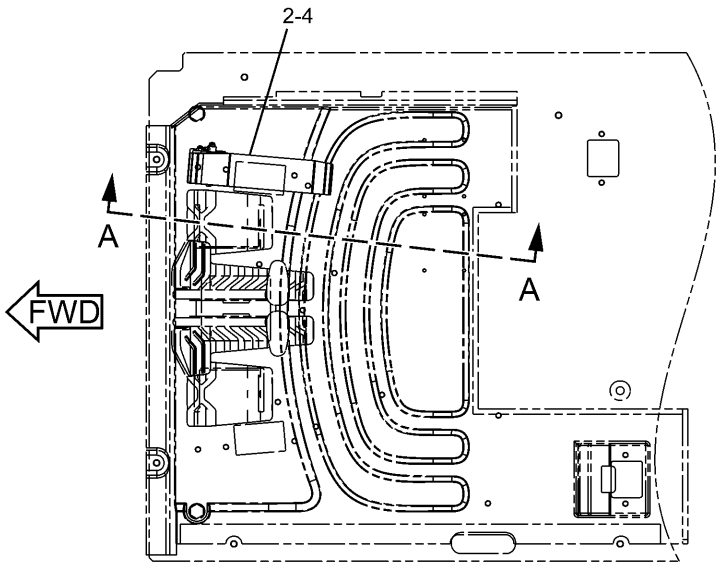
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	096-6166	2	WASHER					
	2	095-0728	2	SCREW					
	3	8T-4121	12	WASHER					
	4	8T-4136	4	BOLT (L=25mm)					
	5	8T-4191	8	BOLT (L=16mm)					
	6	142-5546	2	KNOB					
	7	117-6356	2	STEP AS					
	8	122-9610	2	STEP					
	9	170-9499	1	LEVER AS (LH)					
	10	170-9498	1	LEVER AS (RH)					
	11	122-9608	1	PEDAL					
	12	117-6350	1	PEDAL AS (RH)					
	13	122-9609	1	PEDAL					
	14	117-6349	1	PEDAL AS (LH)					

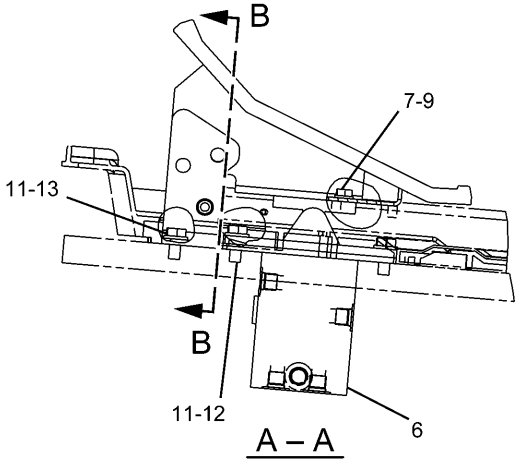
H70098E 02

170-9497 CONTROL GP-PILOT OPERATED HYD

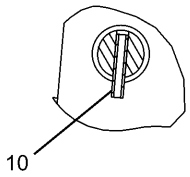
HYDRAULIC SYSTEM



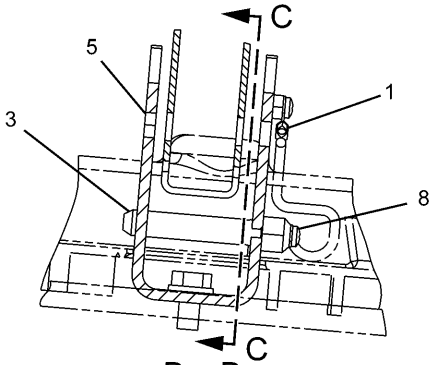
TOP VIEW



A – A



C – C



B – B

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5I-7090	1	CHAIN AS					
	2	122-9611	1	PEDAL					
	3	128-2173	1	PIN					
	4	153-8762	1	PEDAL AS					
	5	153-8763	1	SUPPORT AS					
Y	6	206-3336	1	VALVE GP					
	7	8T-4224	2	WASHER					
	8	095-0735	2	SCREW					
	9	7X-2536	2	BOLT (L=14mm)					
	10	8T-0114	1	PIN					
	11	8T-4121	3	WASHER					
	12	8T-4136	2	BOLT (L=25mm)					
	13	8T-4137	1	BOLT (L=20mm)					

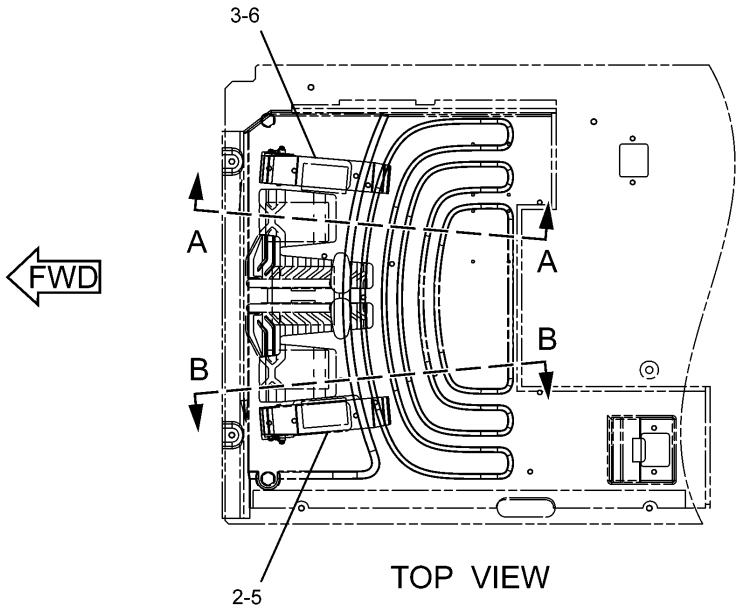
Y—SEE SEPARATE ILLUSTRATION

H88485E 01

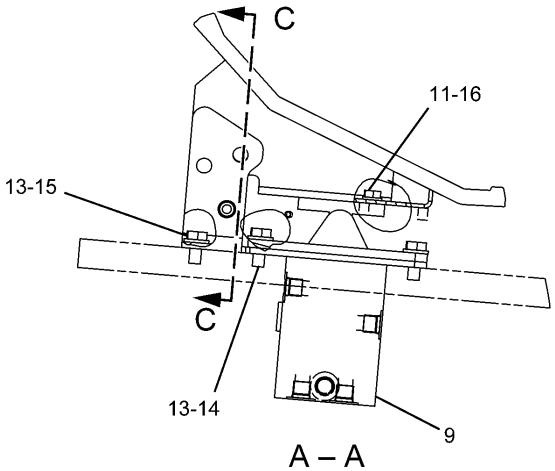
239-8693 CONTROL GP-HYDRAULIC

Single Function/1 Pump
Part of 259-7492,259-7494-Page443
206-3336-Page532
An Attachment

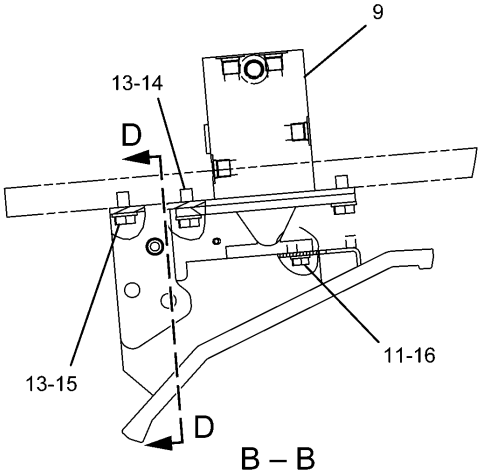
MEMORANDA



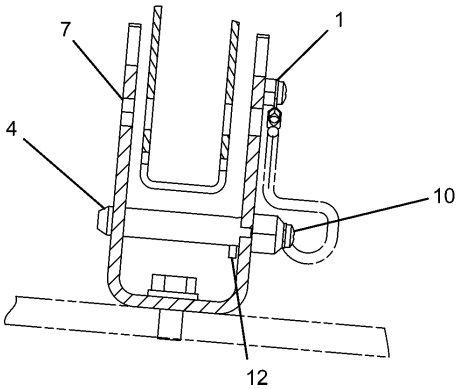
TOP VIEW



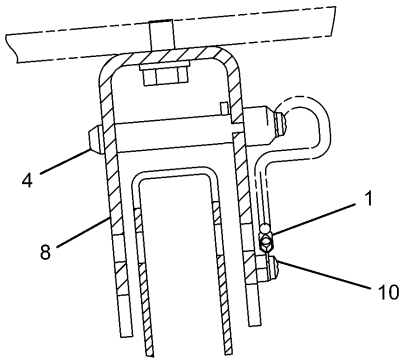
A – A



B – B



C – C



D – D

H89801E 02

239-8695 CONTROL GP-HYDRAULIC
Part of 259-7493-Page444,259-7495-Page445
206-3336-Page532
An Attachment

HYDRAULIC SYSTEM

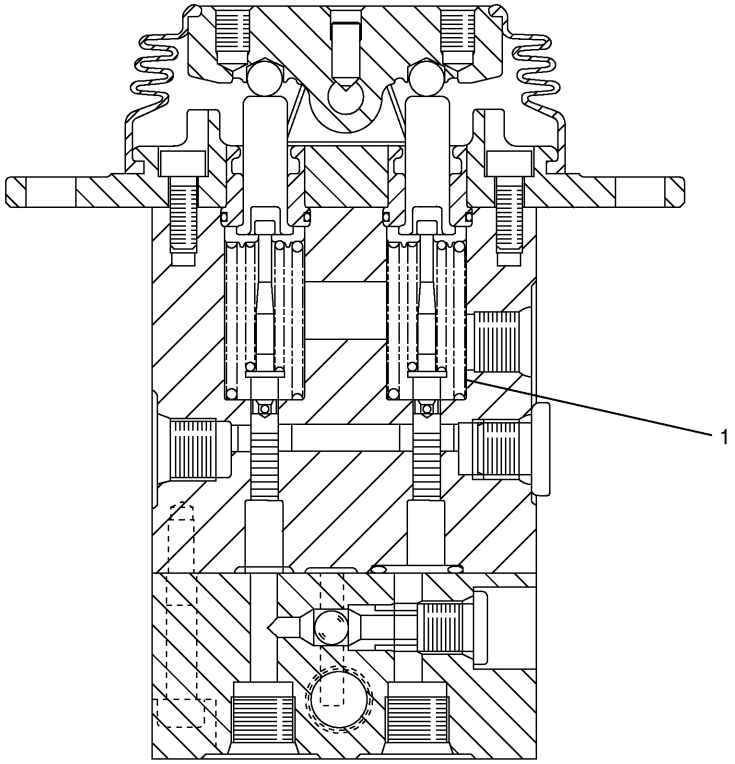
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5I-7090	2	CHAIN AS					
	2	121-1865	1	PEDAL					
	3	122-9611	1	PEDAL					
	4	128-2173	2	PIN					
	5	153-8753	1	PEDAL AS					
	6	153-8762	1	PEDAL AS					
	7	153-8763	1	SUPPORT AS					
	8	259-7877	1	SUPPORT AS					
Y	9	206-3336	2	VALVE GP					
	10	095-0735	4	SCREW					
	11	7X-2536	4	BOLT (L=14mm)					
	12	8T-0114	2	PIN					
	13	8T-4121	6	WASHER					
	14	8T-4136	4	BOLT (L=25mm)					
	15	8T-4137	2	BOLT (L=20mm)					
	16	8T-4224	4	WASHER					

Y—SEE SEPARATE ILLUSTRATION

H89801E 02

239-8695 CONTROL GP-HYDRAULIC

Part of 259-7493-Page444,259-7495-Page445
206-3336-Page532
An Attachment

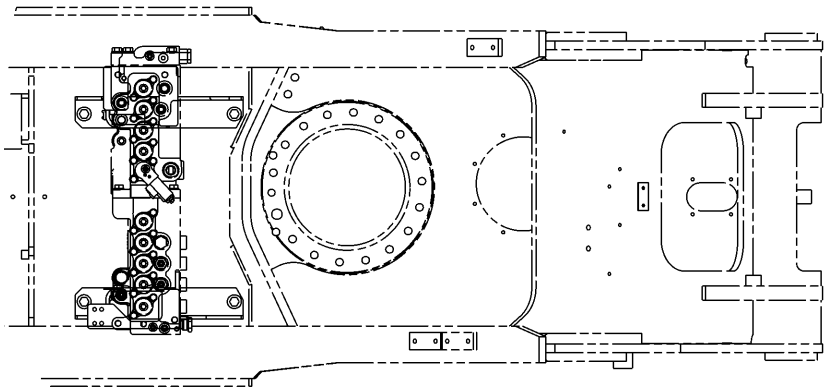


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	190-7819	2	SPRING					

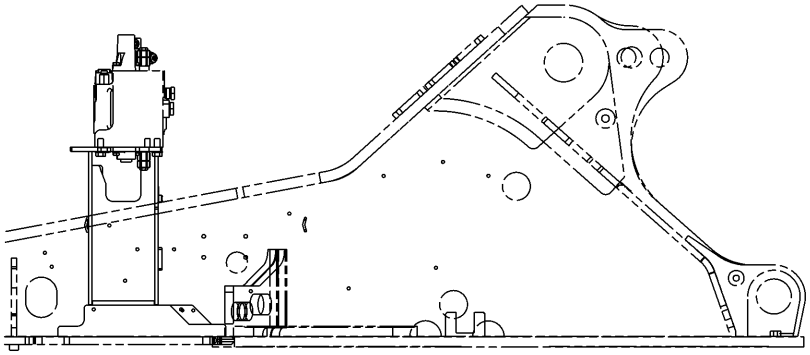
H78639E 00

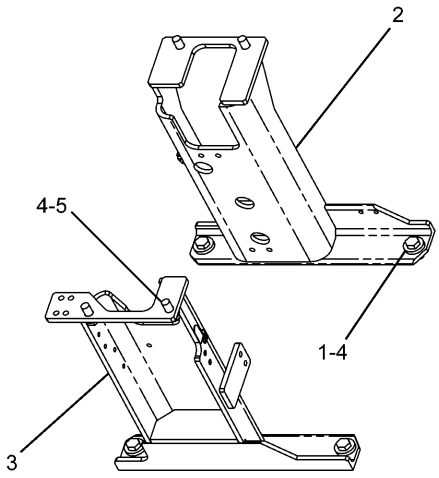
206-3336 VALVE GP-PILOT

Part of 239-8693-Page528,239-8695-Page531
An Attachment



TOP VIEW



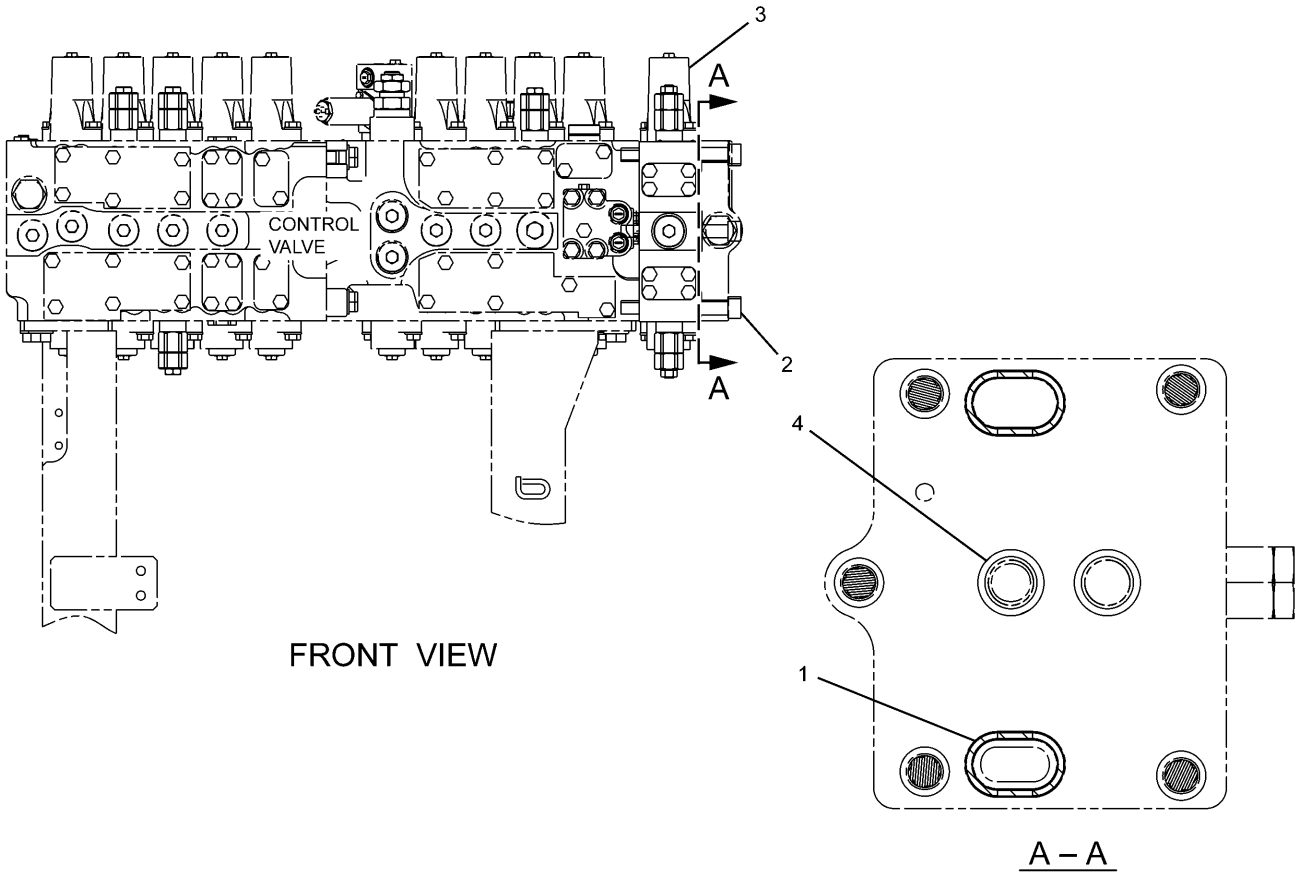


PICTORIAL VIEW
(VIEW FROM FRONT SIDE)

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	196-0711	4	WASHER					
	2	260-7904	1	SUPPORT AS					
	3	260-7906	1	SUPPORT AS					
	4	100-3866	8	BOLT (L=40mm)					
	5	9X-8257	4	WASHER					

H89270E 00

260-7868 MOUNTING GP-VALVE



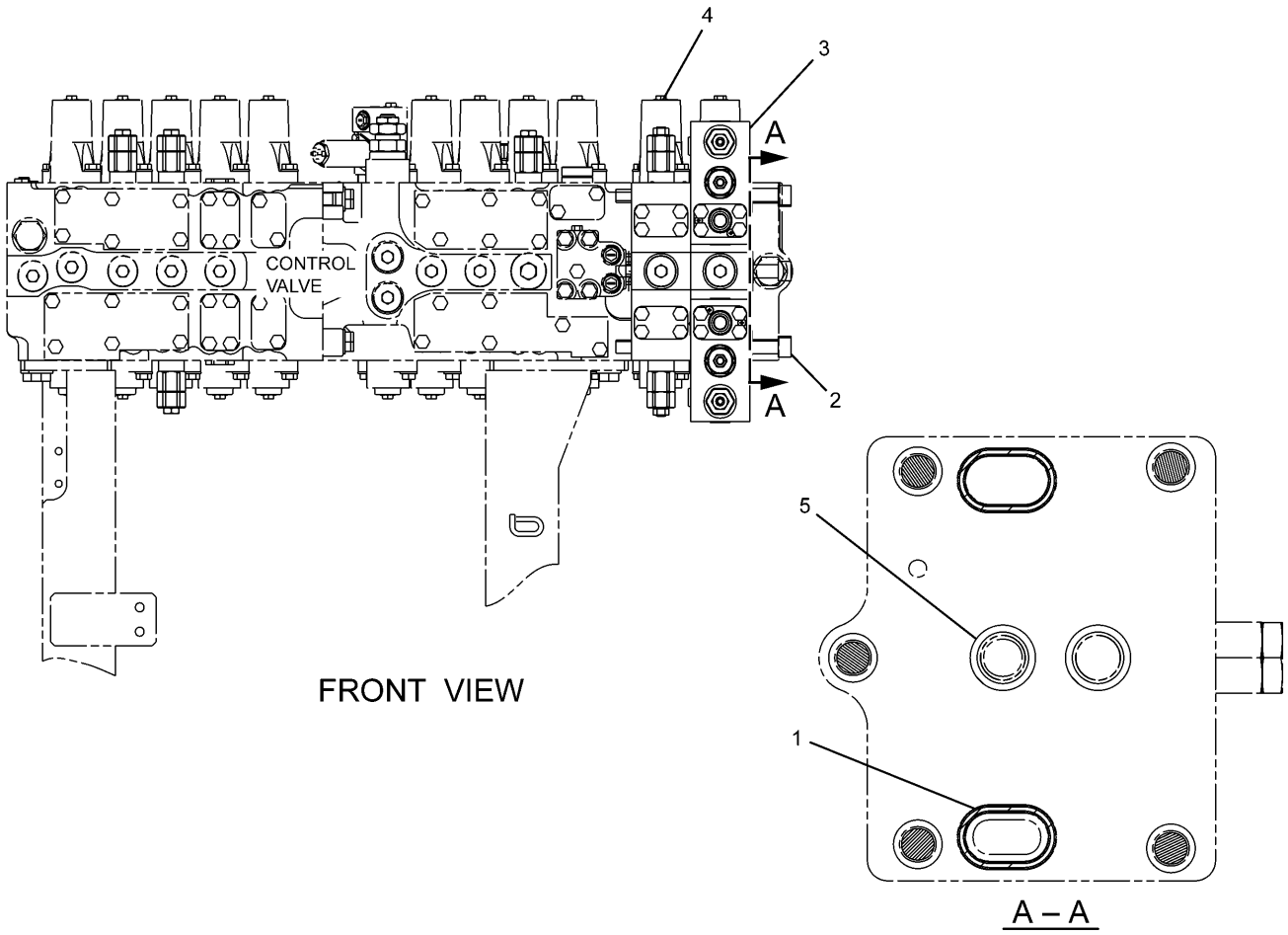
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4J-8998	2	SEAL-O-RING (ID=36.09mm)					
	2	7I-1026	5	BOLT (L=130mm)					
Y	3	259-7378	1	VALVE GP					
	4	1P-3702	2	SEAL					

Y—SEE SEPARATE ILLUSTRATION

H88948E 00

255-5713 VALVE & MOUNTING GP

Part of 259-7494-Page443,259-7493-Page444
259-7378-Page556
An Attachment



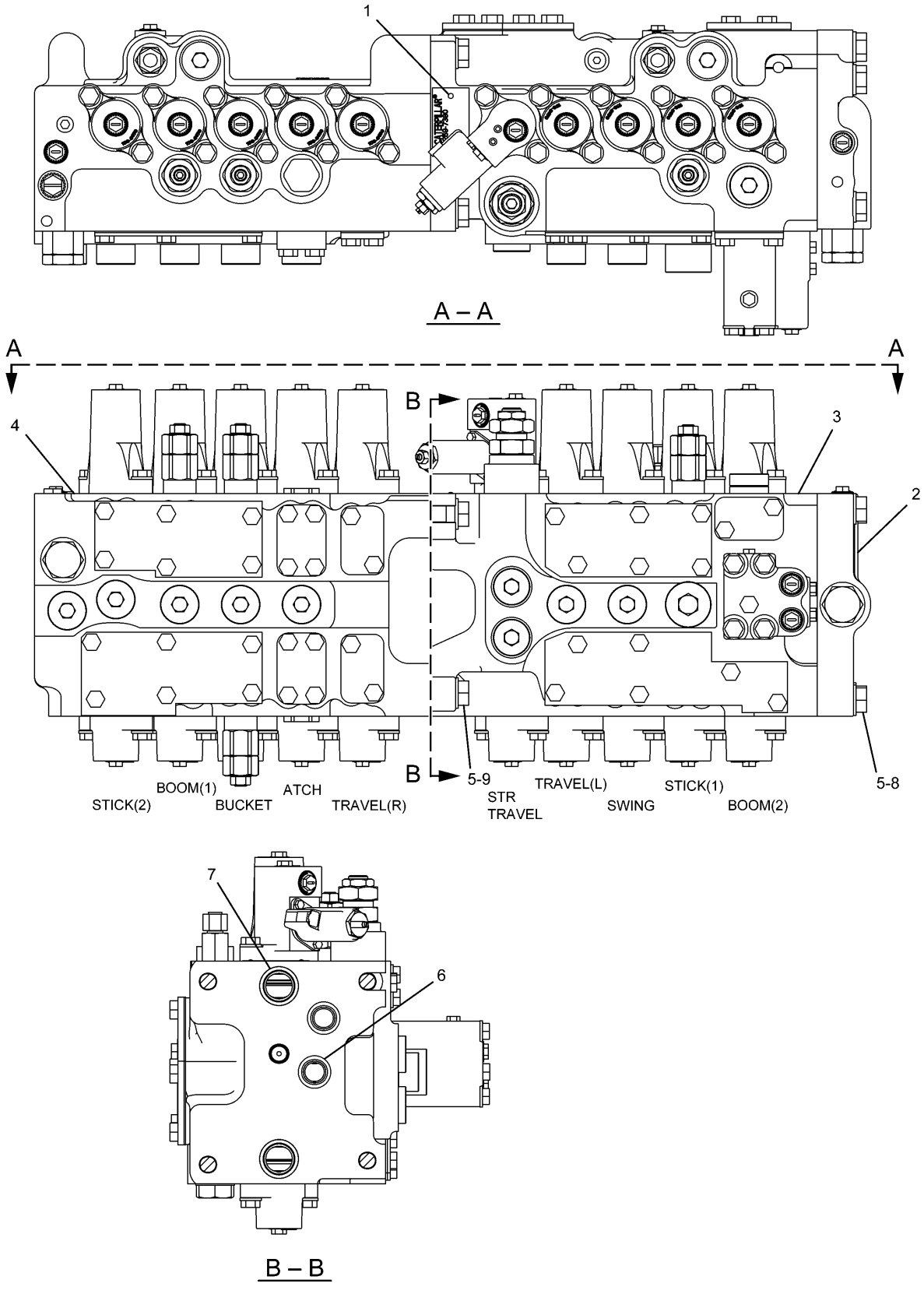
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4J-8998	2	SEAL-O-RING (ID=36.09mm)					
	2	7Y-5243	5	BOLT (L=200mm)					
Y	3	244-8419	1	VALVE GP					
Y	4	259-7378	1	VALVE GP					
	5	1P-3702	2	SEAL					

Y—SEE SEPARATE ILLUSTRATION

H88949E 00

255-5716 VALVE & MOUNTING GP

Part of 259-7495-Page445
259-7378-Page556,244-8419-Page558
An Attachment



H89498E 00

259-7464 VALVE GP-MAIN CONTROL
153-5313-Page538,259-7465-Page540,259-7466-Page548

HYDRAULIC SYSTEM

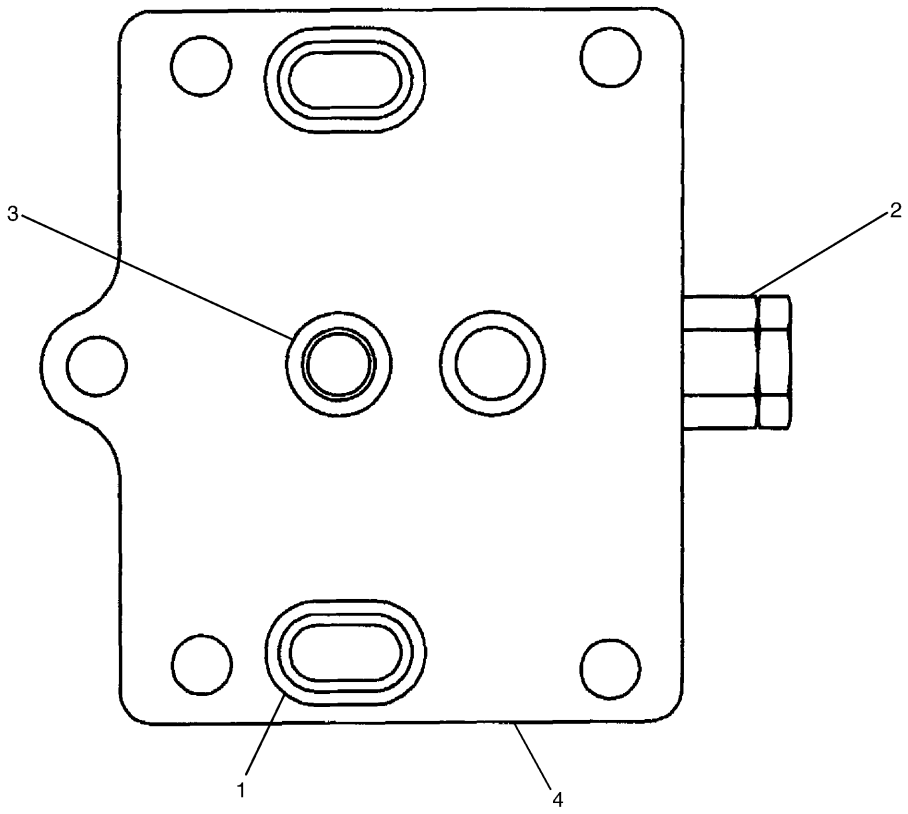
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4B-4158	2	SCREW					
Y	2	153-5313	1	VALVE GP					
Y	3	259-7466	1	VALVE GP					
Y	4	259-7465	1	VALVE GP					
	5	9X-8257	9	WASHER					
	6	1P-3702	2	SEAL					
	7	4J-0519	2	SEAL-O-RING (ID=31.34mm)					
	8	8T-4140	5	BOLT (L=60mm)					
	9	8T-4193	4	BOLT (L=50mm)					

Y—SEE SEPARATE ILLUSTRATION

H89498E 00

259-7464 VALVE GP-MAIN CONTROL

153-5313-Page538,259-7465-Page540,259-7466-Page548



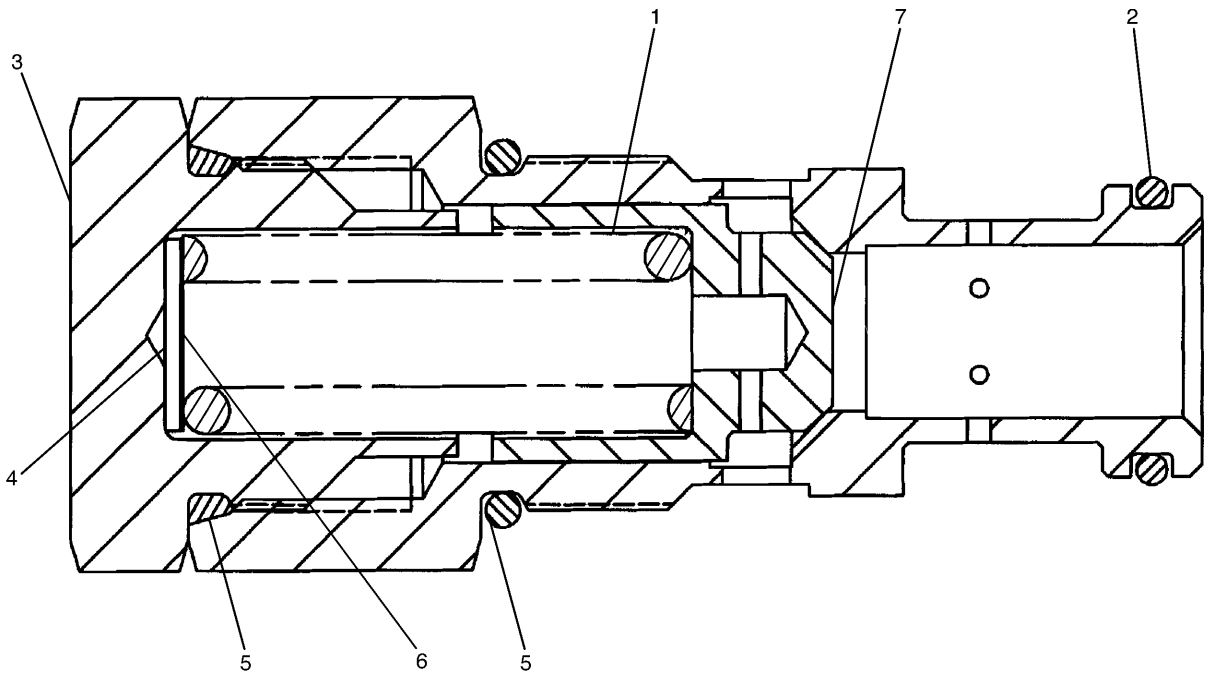
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4J-8998	2	SEAL-O-RING (ID=36.09mm)					
Y	2	109-2667	1	VALVE GP					
	3	1P-3702	2	SEAL					
	4	153-5239	1	COVER					

Y—SEE SEPARATE ILLUSTRATION

H81334E 02

153-5313 VALVE GP-RELIEF

Part of 259-7464-Page537
109-2667-Page539



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	107-6370	1	SPRING					
	2	5P-3108	1	SEAL-O-RING (ID=20.30mm)					
	3	5I-4111	1	PLUG					
B	4	4J-7386	5	SHIM (T=0.254mm)					
	5	4K-1388	2	SEAL-O-RING (ID=26.59mm)					
B	6	4J-7385	1	SHIM (T=1.219mm)					
	7	107-6371	1	VALVE					

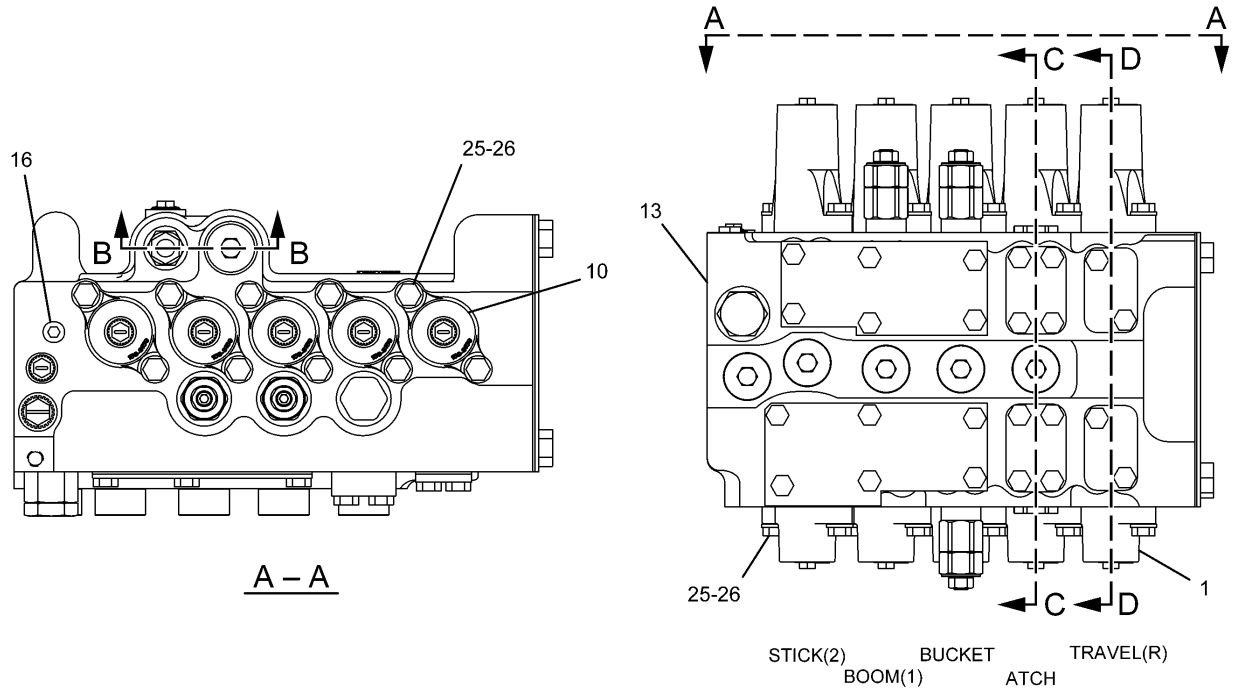
B—USE AS REQUIRED

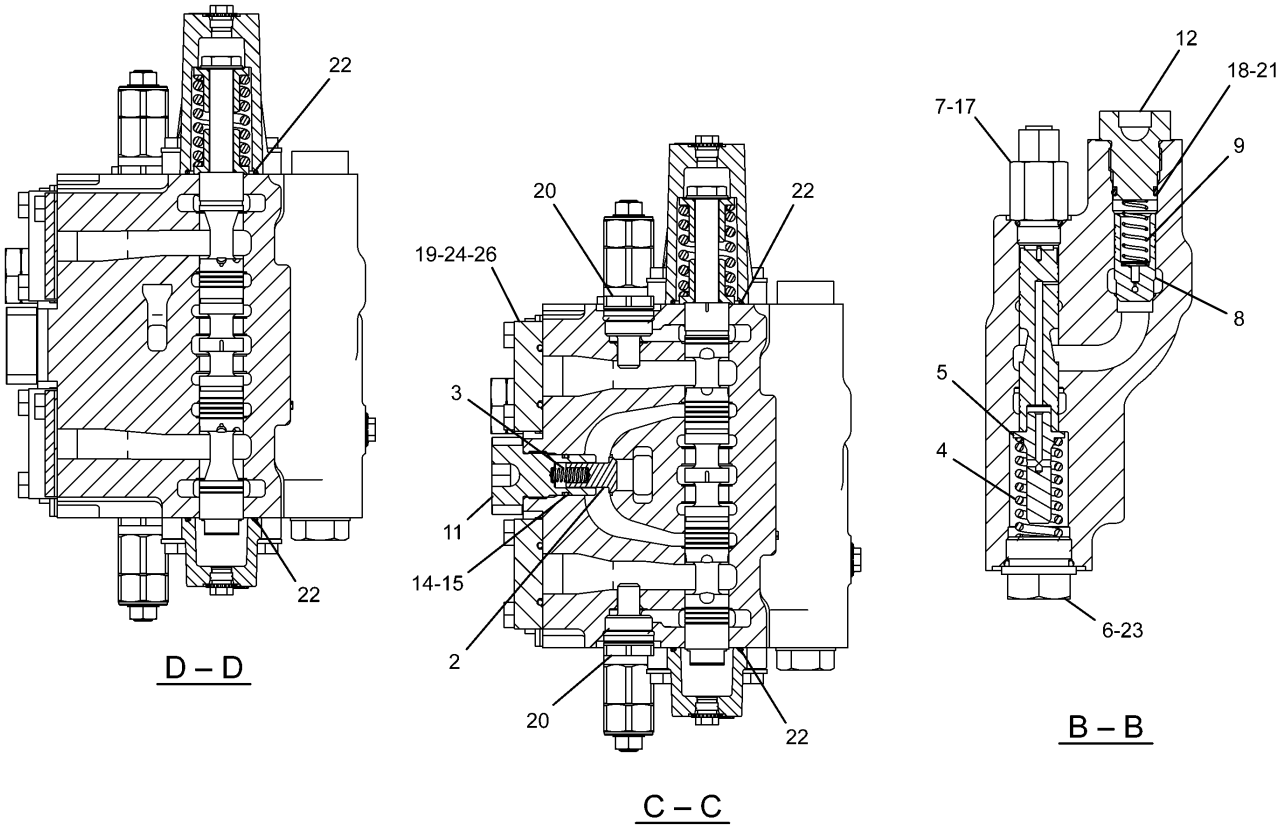
H67278E 00

109-2667 VALVE GP-RELIEF

Direct Operated

Part of 153-5313-Page538





H97919E 01

259-7465 VALVE GP-CONTROL (1/2)
Part of 259-7464-Page537
259-7631-Page544

HYDRAULIC SYSTEM

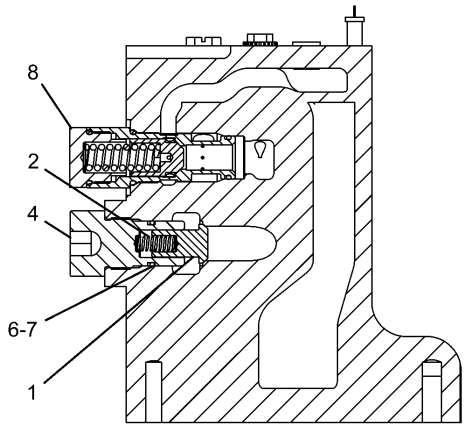
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6E-2274	5	COVER					
	2	6E-5731	1	VALVE					
	3	7I-1248	1	SPRING					
	4	153-5288	1	SPRING					
	5	153-5289	1	GUIDE					
	6	153-5290	1	PLUG					
	7	153-5291	1	CONNECTOR					
	8	153-5292	1	VALVE					
	9	153-5293	1	SPRING					
	10	158-8159	5	HOUSING					
	11	236-6419	1	PLUG					
	12	236-6421	1	PLUG					
Y	13	259-7631	1	VALVE GP					
	14	095-1590	1	SEAL-O-RING (ID=21.80mm)					
	15	095-1787	1	RING					
	16	111-9959	1	PLUG					
	17	2M-9780	1	SEAL-O-RING (ID=19.18mm)					
	18	4I-6397	1	RING					
	19	4J-0520	2	SEAL-O-RING (ID=32.92mm)					
	20	6E-4816	2	PLUG GP					
	21	6V-3922	1	SEAL-O-RING (ID=18.72mm)					
	22	6V-5597	4	SEAL-O-RING (ID=40.94mm)					
	23	7M-8485	1	SEAL-O-RING (ID=29.74mm)					
	24	7Y-8099	2	COVER					
	25	8T-4121	20	WASHER					
	26	8T-4195	28	BOLT (L=30mm)					

Y—SEE SEPARATE ILLUSTRATION

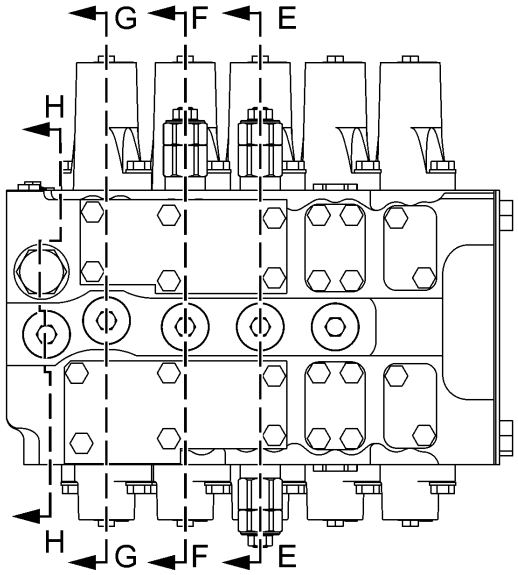
H97919E 01

259-7465 VALVE GP-CONTROL (1/2)

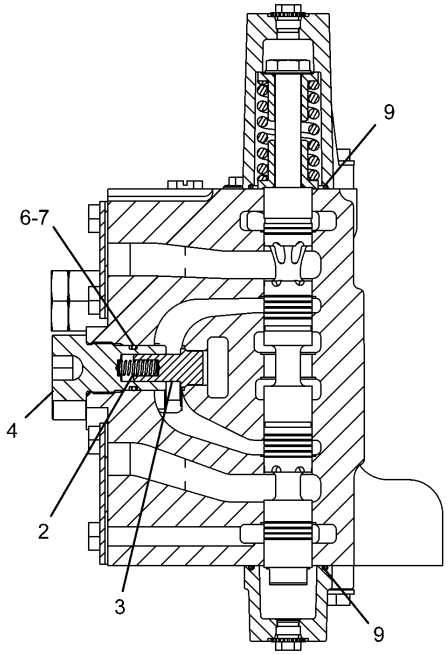
Part of 259-7464-Page537
259-7631-Page544



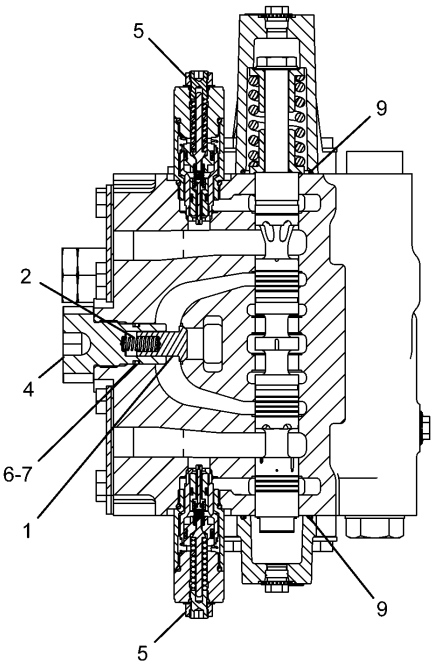
H – H



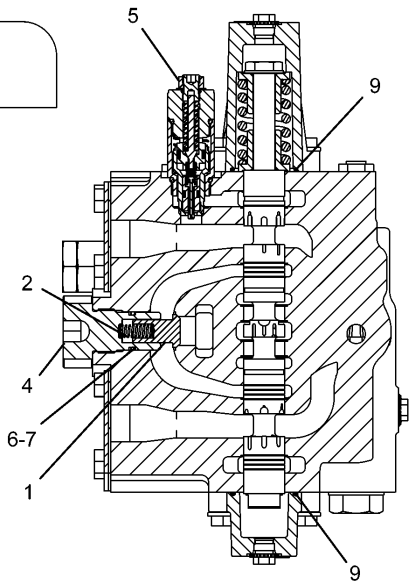
STICK(2) BUCKET TRAVEL(R)
BOOM(1) ATCH



G – G



E – E



F – F

H97920E 01

259-7465 VALVE GP-CONTROL (2/2)
Part of 259-7464-Page537
109-5152-Page546,255-5661-Page547

HYDRAULIC SYSTEM

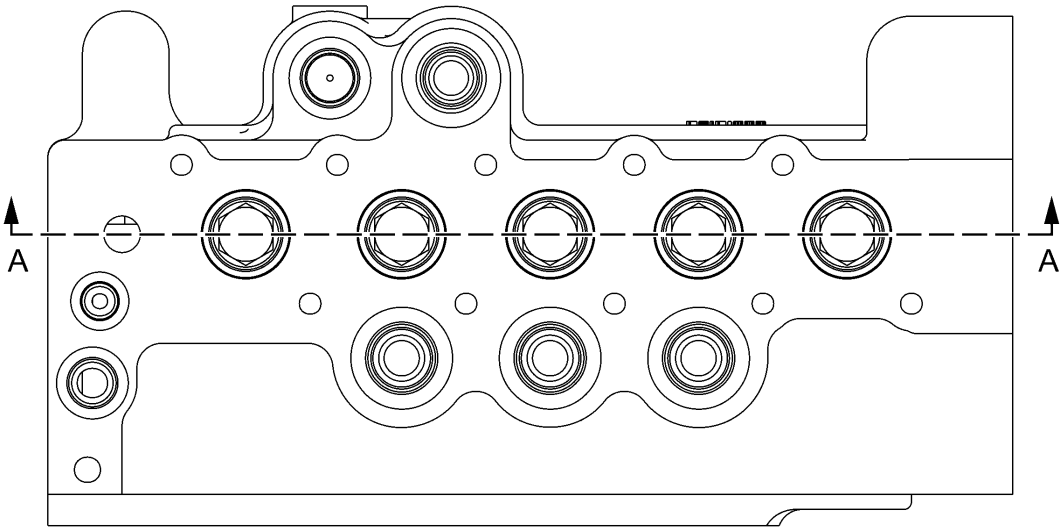
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6E-5731	3	VALVE					
	2	7I-1248	4	SPRING					
	3	153-5286	1	VALVE					
	4	236-6419	4	PLUG					
Y	5	255-5661	3	VALVE GP					
	6	095-1590	4	SEAL-O-RING (ID=21.80mm)					
	7	095-1787	4	RING					
Y	8	109-5152	1	VALVE GP					
	9	6V-5597	6	SEAL-O-RING (ID=40.94mm)					

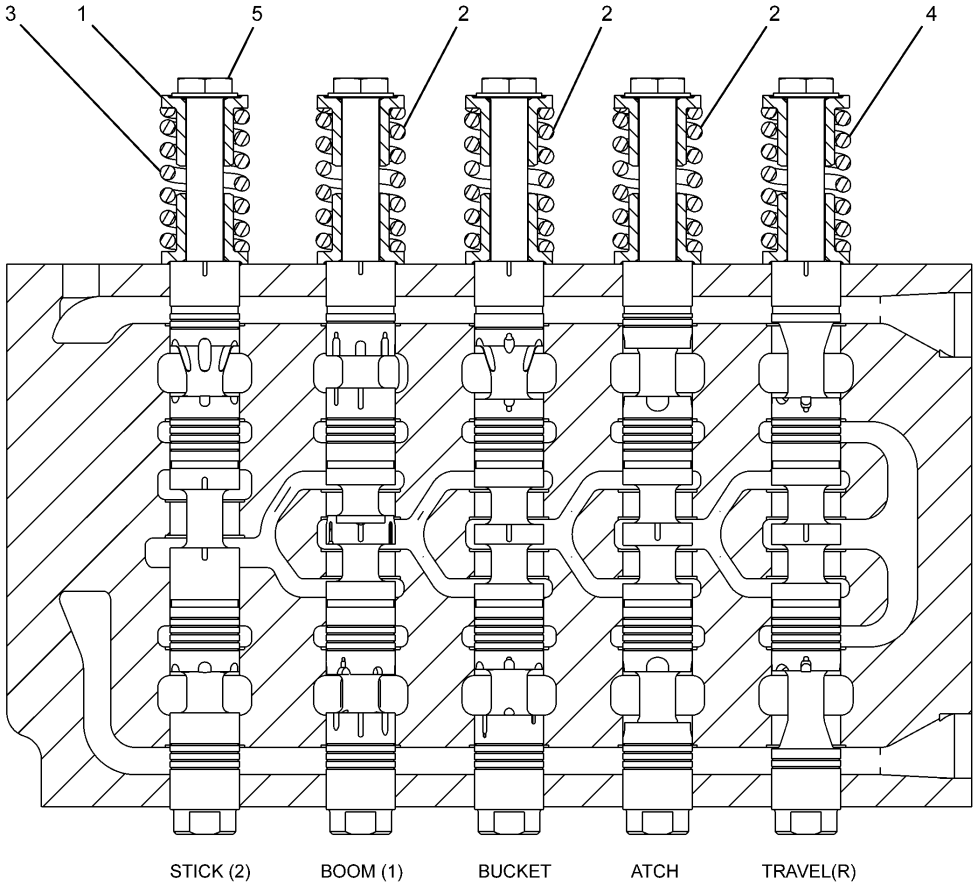
Y—SEE SEPARATE ILLUSTRATION

H97920E 01

259-7465 VALVE GP-CONTROL (2/2)

Part of 259-7464-Page537
109-5152-Page546,255-5661-Page547





A – A

H89813E 01

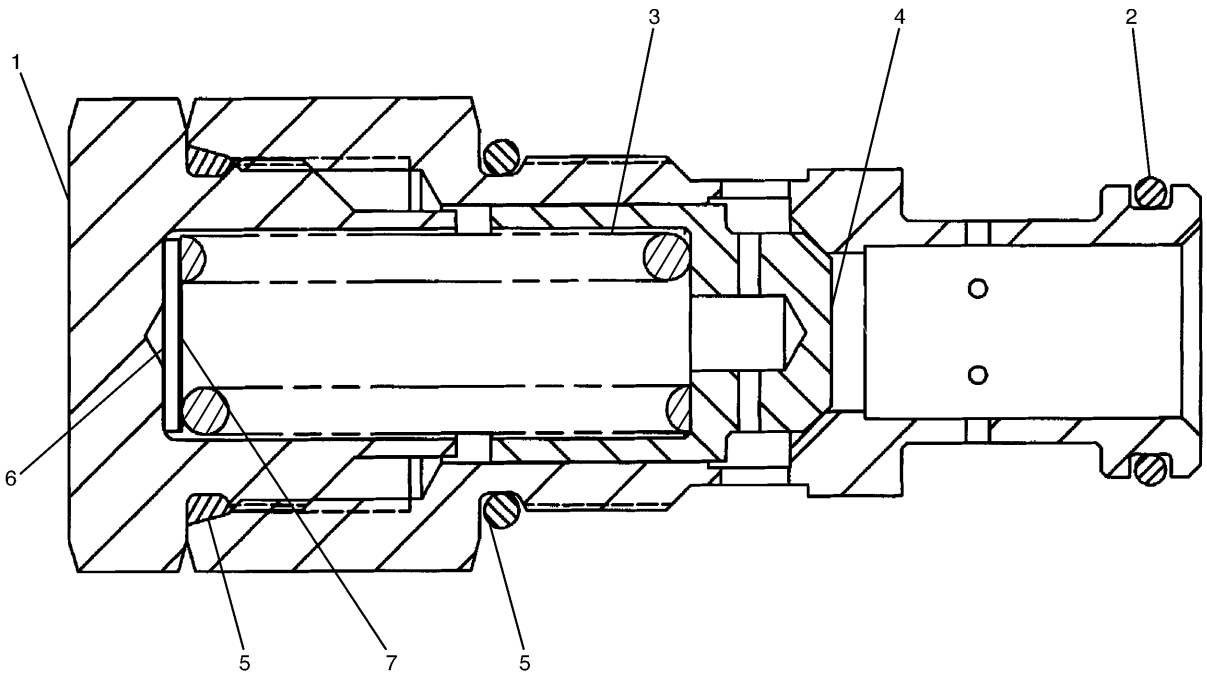
259-7631 VALVE GP-CONTROL
Part of 259-7465-Page541

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6E-2271	10	RETAINER					
	2	104-7293	3	SPRING					
	3	104-7294	1	SPRING					
	4	104-7296	1	SPRING					
	5	153-5276	5	BOLT					

H89813E 01

259-7631 VALVE GP-CONTROL
Part of 259-7465-Page541



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5I-4111	1	PLUG					
	2	5P-3108	1	SEAL-O-RING (ID=20.30mm)					
	3	107-6370	1	SPRING					
	4	107-6371	1	VALVE					
	5	4K-1388	2	SEAL-O-RING (ID=26.59mm)					
B	6	4J-7385	1	SHIM (T=1.219mm)					
B	7	4J-7386	1	SHIM (T=0.254mm)					

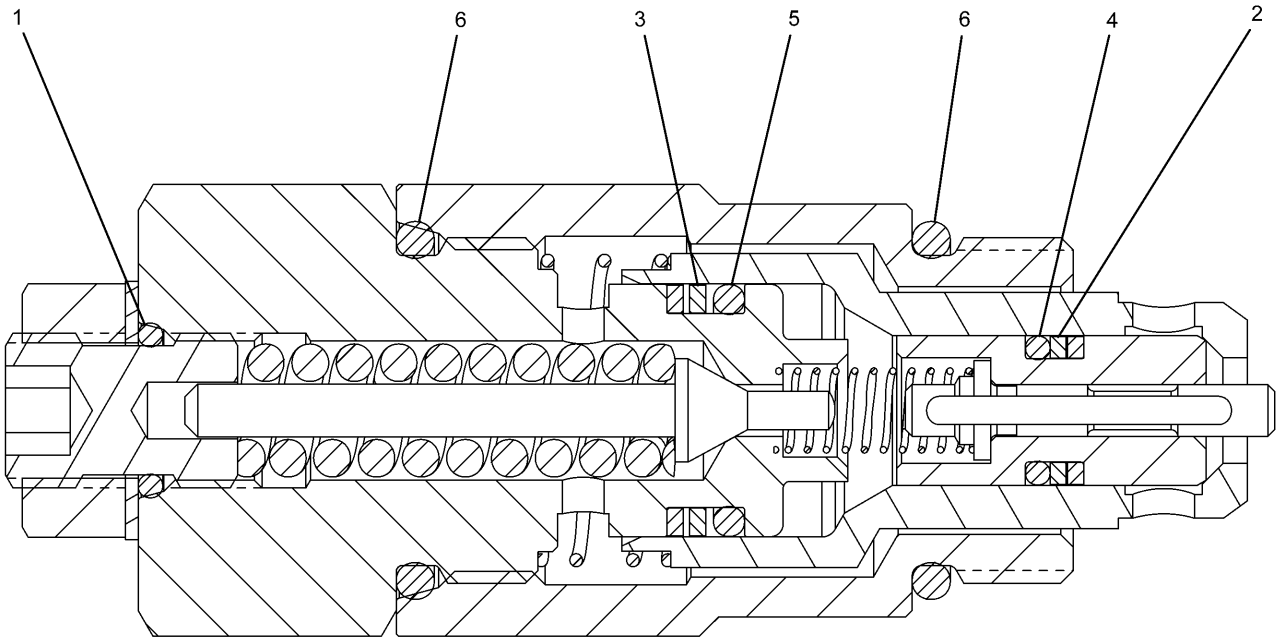
B—USE AS REQUIRED

H67279E 00

109-5152 VALVE GP-RELIEF

Direct Operated

Part of 259-7465-Page543

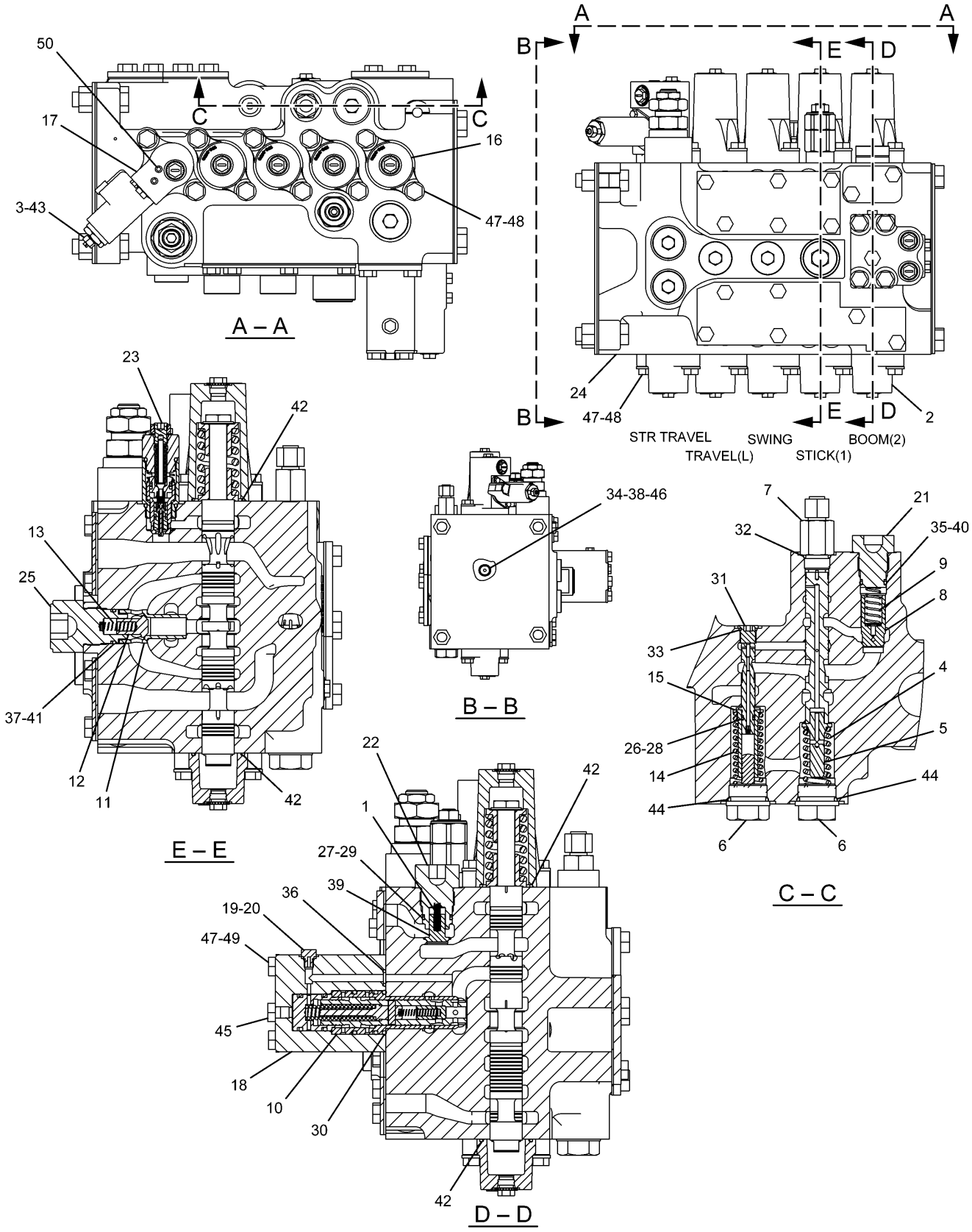


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	095-1578	1	SEAL-O-RING (ID=9.80mm)					
	2	103-8252	2	RING					
	3	103-8253	2	RING					
	4	103-8254	1	SEAL-O-RING (ID=7.80mm)					
	5	103-8255	1	SEAL-O-RING (ID=14.80mm)					
	6	3D-2824	2	SEAL-O-RING (ID=23.47mm)					

H89460E 00

255-5661 VALVE GP-PILOT RELIEF

Part of 259-7465-Page543,259-7466-Page549,259-7378-Page556



H99629E 04

259-7466 VALVE GP-CONTROL (1/2)

Part of 259-7464-Page537

255-5661-Page547,259-7632-Page552,121-1491-Page555

HYDRAULIC SYSTEM

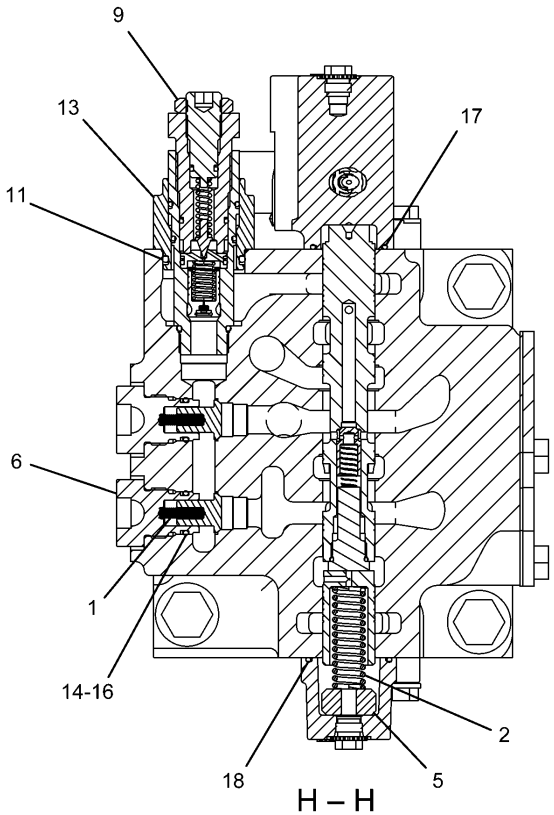
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4T-3148	1	SPRING					
	2	6E-2274	5	COVER					
Y	3	121-1491	1	VALVE GP					
	4	153-5288	1	SPRING					
	5	153-5289	1	GUIDE					
	6	153-5290	2	PLUG					
	7	153-5291	1	CONNECTOR					
	8	153-5292	1	VALVE					
	9	153-5293	1	SPRING					
	10	153-5295	1	VALVE GP					
	11	153-5298	1	SLEEVE					
	12	153-5299	1	VALVE					
	13	153-5306	1	SPRING					
	14	153-5311	1	SPRING					
	15	158-8150	1	VALVE GP					
	16	158-8159	4	HOUSING					
	17	158-8206	1	HOUSING					
	18	165-9595	1	COVER					
	19	9S-4180	3	PLUG					
	20	4J-7533	3	SEAL-O-RING (ID=6.07mm)					
	21	236-6421	1	PLUG					
	22	250-2446	1	PLUG					
Y	23	255-5661	1	VALVE GP					
Y	24	259-7632	1	VALVE GP					
	25	264-9961	1	PLUG					
	26	095-1575	1	SEAL-O-RING (ID=7.80mm)					
	27	095-1590	1	SEAL-O-RING (ID=21.80mm)					
	28	095-1778	1	RING					
	29	095-1787	1	RING					
	30	103-8173	1	SEAL-O-RING (ID=31.70mm)					
	31	123-2485	1	PLUG					
	32	2M-9780	1	SEAL-O-RING (ID=19.18mm)					
	33	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	34	4I-3569	1	RING					
	35	4I-6397	1	RING					
	36	4J-5309	1	SEAL-O-RING (ID=9.19mm)					
	37	4T-5074	1	RING					
	38	6E-3653	1	PLUG					
	39	6E-5643	3	VALVE					
	40	6V-3922	1	SEAL-O-RING (ID=18.72mm)					
	41	6V-5556	1	SEAL-O-RING (ID=25.07mm)					
	42	6V-5597	4	SEAL-O-RING (ID=40.94mm)					
	43	7I-2272	2	BOLT (L=12mm)					
	44	7M-8485	2	SEAL-O-RING (ID=29.74mm)					
	45	7X-2621	1	BOLT (L=12mm)					
	46	7Y-5219	1	SEAL-O-RING (ID=12.37mm)					
	47	8T-4121	24	WASHER					
	48	8T-4195	20	BOLT (L=30mm)					
	49	8T-6685	4	BOLT (L=110mm)					
	50	8T-6759	2	PLUG					

Y—SEE SEPARATE ILLUSTRATION

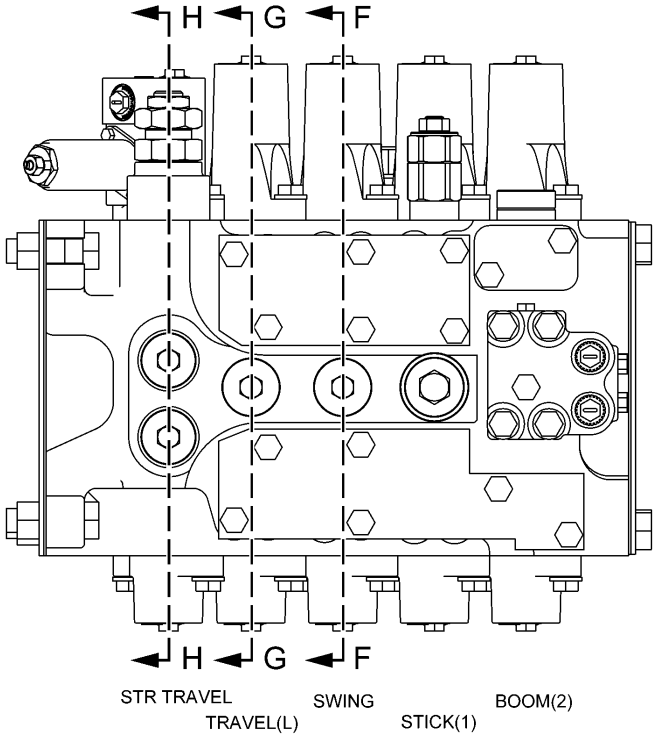
H99629E 04

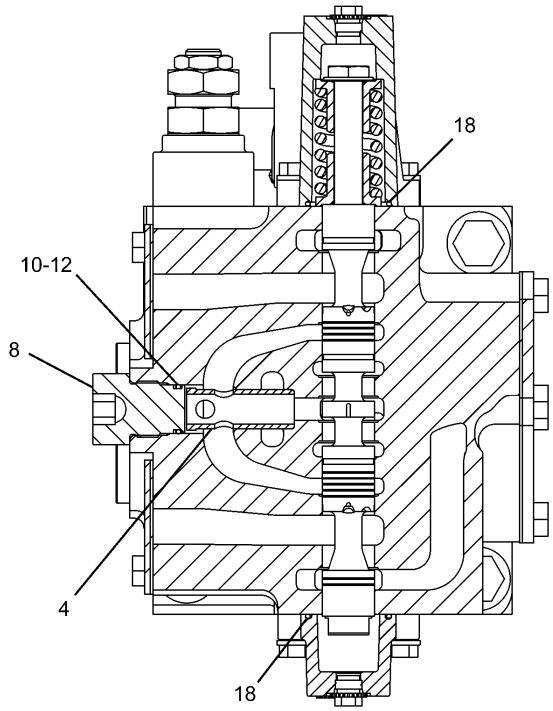
259-7466 VALVE GP-CONTROL (1/2)

Part of 259-7464-Page537
255-5661-Page547,259-7632-Page552,121-1491-Page555

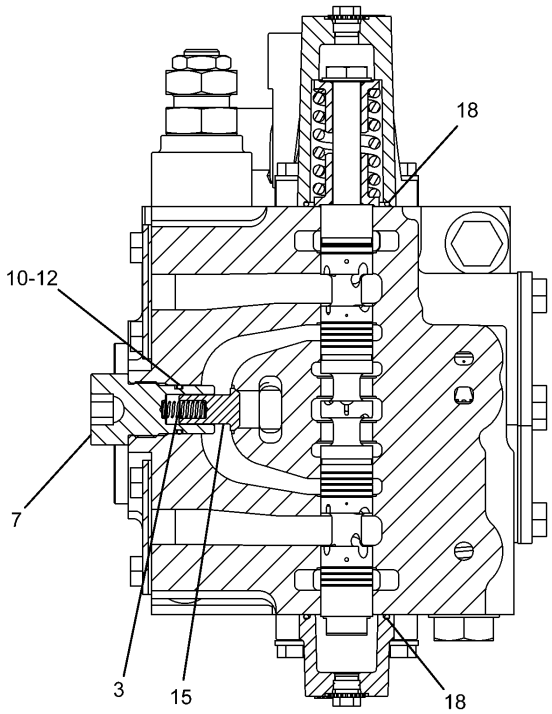


H – H





G – G



F – F

H99630E 04

259-7466 VALVE GP-CONTROL (2/2)
Part of 259-7464-Page537
310-0390-Page554

HYDRAULIC SYSTEM

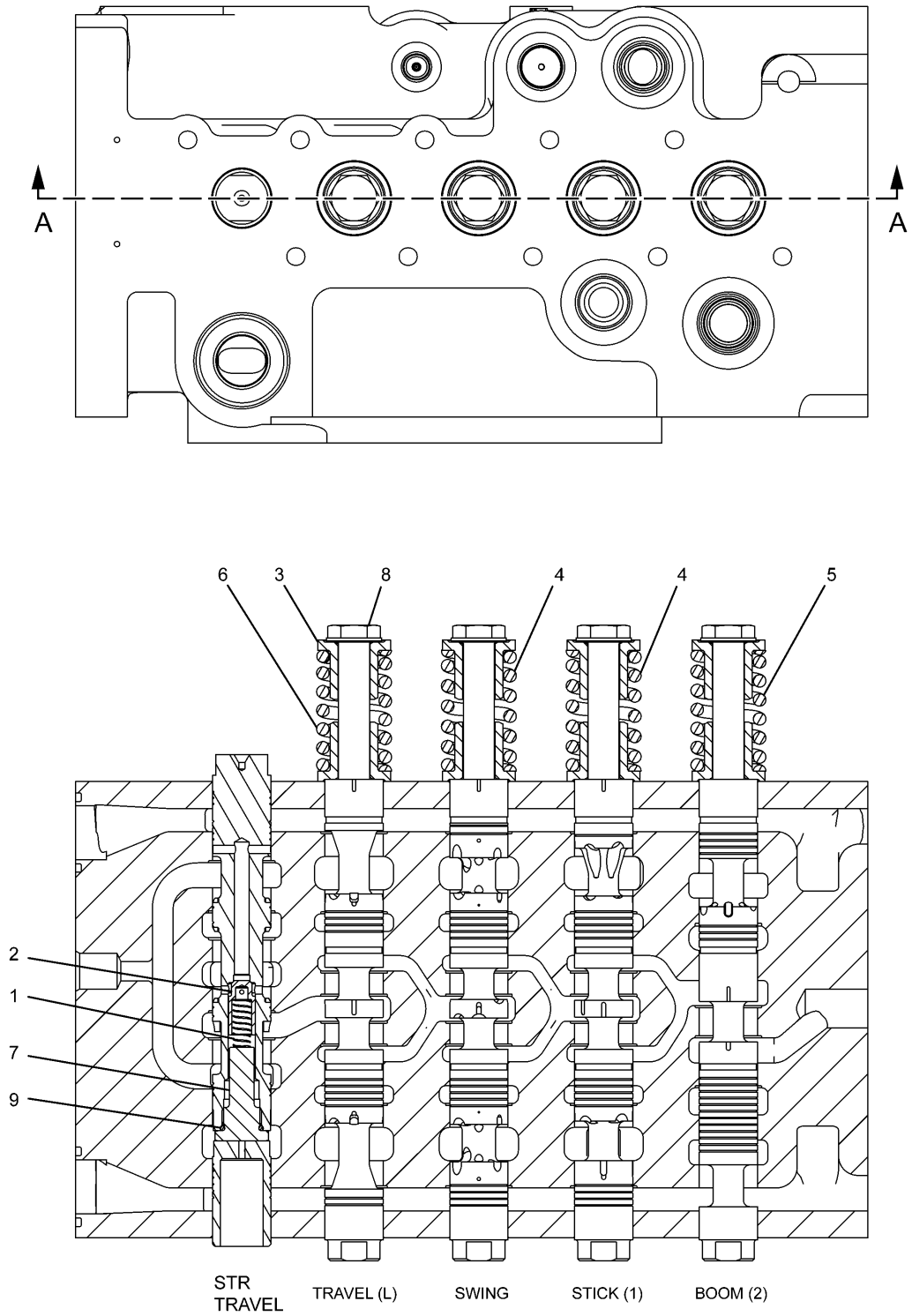
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4T-3148	2	SPRING					
	2	6E-5169	1	SPRING					
	3	7I-1248	1	SPRING					
	4	153-5309	1	SLEEVE					
	5	158-8207	1	STOPPER					
	6	201-9263	2	PLUG					
	7	236-6419	1	PLUG					
	8	250-2447	1	PLUG					
Y	9	310-0390	1	VALVE GP					
	10	095-1590	2	SEAL-O-RING (ID=21.80mm)					
	11	095-1603	1	SEAL-O-RING (ID=37.70mm)					
	12	095-1787	2	RING					
	13	103-8177	1	ADAPTER					
	14	4I-6397	2	RING					
	15	6E-5731	1	VALVE					
	16	6V-3922	2	SEAL-O-RING (ID=18.72mm)					
	17	6V-5393	1	SEAL-O-RING (ID=36.17mm)					
	18	6V-5597	5	SEAL-O-RING (ID=40.94mm)					

Y—SEE SEPARATE ILLUSTRATION

H99630E 04

259-7466 VALVE GP-CONTROL (2/2)

Part of 259-7464-Page537
310-0390-Page554



A – A

H89814E 01

259-7632 VALVE GP-CONTROL
Part of 259-7466-Page549

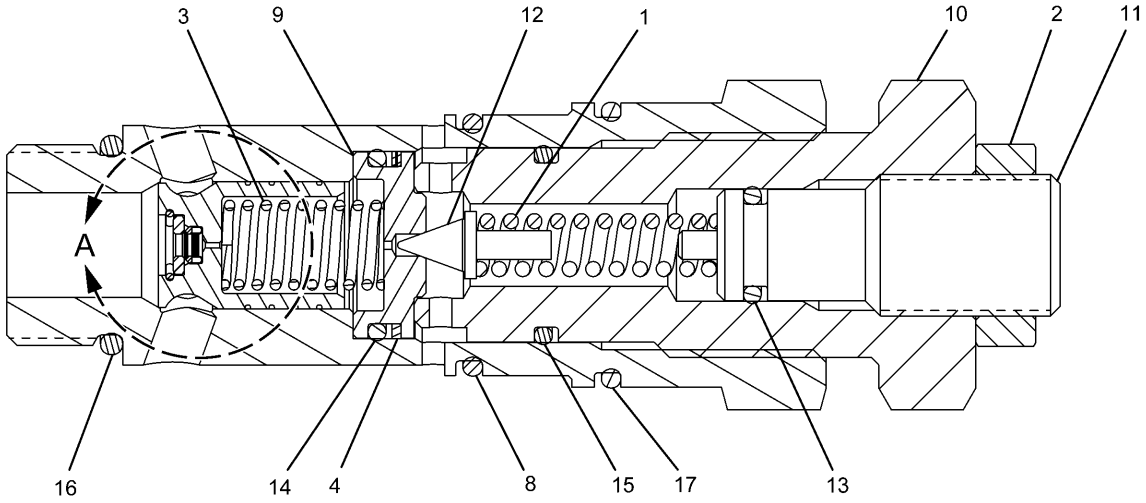
HYDRAULIC SYSTEM

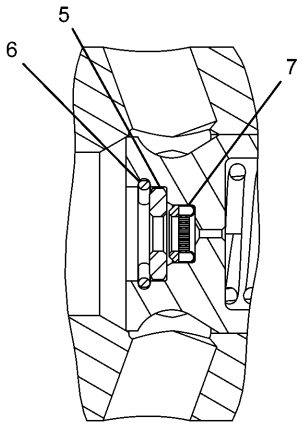
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2S-2596	1	SPRING					
	2	6E-2163	1	VALVE					
	3	6E-2271	8	RETAINER					
	4	104-7293	2	SPRING					
	5	104-7294	1	SPRING					
	6	104-7296	1	SPRING					
	7	158-8135	1	GUIDE					
	8	153-5276	4	BOLT					
	9	3K-0360	1	SEAL-O-RING (ID=16.36mm)					

H89814E 01

259-7632 VALVE GP-CONTROL
Part of 259-7466-Page549

HYDRAULIC SYSTEM



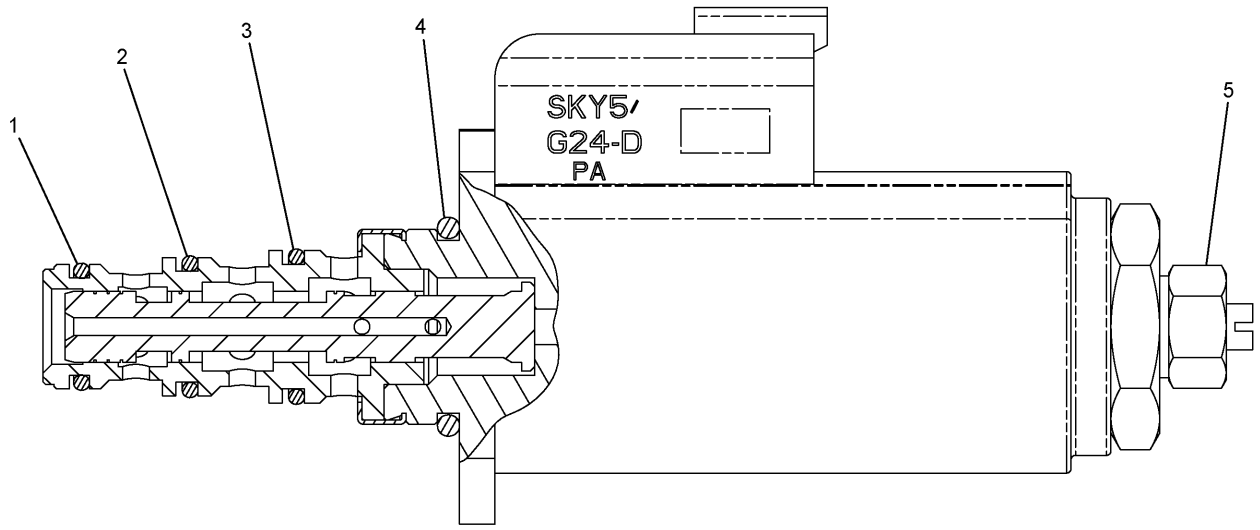


A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-3510	1	SPRING					
	2	4I-7714	1	NUT					
	3	6I-6795	1	SPRING					
	4	095-1786	1	RING					
	5	107-6540	1	COLLAR					
	6	107-6541	1	RING					
	7	119-5398	1	FILTER					
	8	6V-8978	1	SEAL-O-RING (ID=29.82mm)					
	9	171-0034	1	SEAT					
	10	171-0035	1	HOLDER					
	11	171-0036	1	ADJUSTER					
	12	171-0037	1	VALVE					
	13	095-1579	1	SEAL-O-RING (ID=10.80mm)					
	14	095-1587	1	SEAL-O-RING (ID=20.80mm)					
	15	095-1590	1	SEAL-O-RING (ID=21.80mm)					
	16	3D-2824	1	SEAL-O-RING (ID=23.47mm)					
	17	6V-8218	1	SEAL-O-RING (ID=32.99mm)					

H99599E 00

310-0390 VALVE GP-RELIEF
Part of 259-7466-Page551

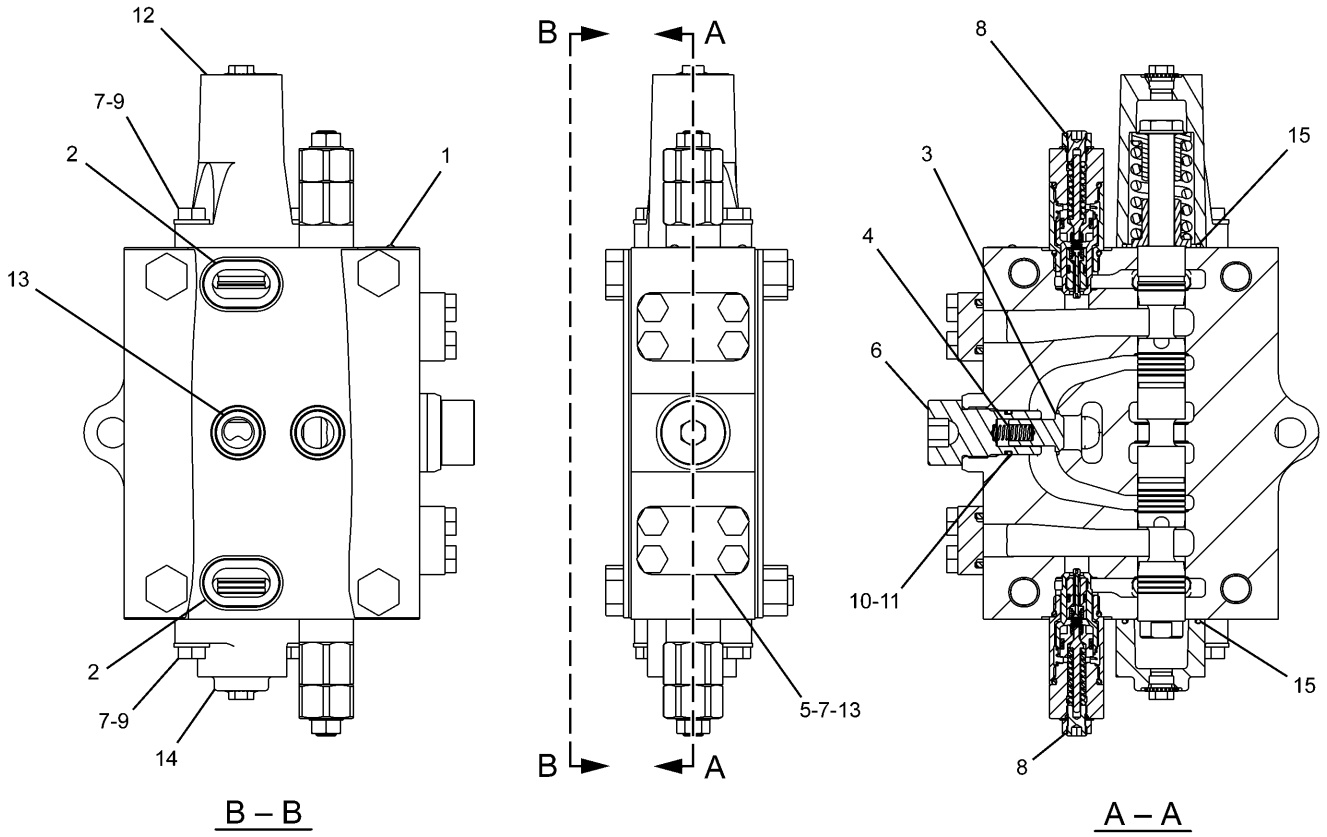


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	095-1750	1	SEAL-O-RING (ID=10.82mm)					
	2	6V-8398	1	SEAL-O-RING (OD=16.03mm)					
	3	095-1751	1	SEAL-O-RING (ID=14.00mm)					
	4	095-1586	1	SEAL-O-RING (ID=19.80mm)					
	5	114-0623	1	NUT AS					

H94765E 07

121-1491 VALVE GP-SOLENOID

Part of 259-7466-Page549,239-8697-Page579,239-8998-Page581,165-9549-Page586



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4B-4158	2	SCREW					
	2	4J-8998	2	SEAL-O-RING (ID=36.09mm)					
	3	6E-5731	1	VALVE					
	4	7I-1248	1	SPRING					
	5	171-0150	2	COVER					
	6	236-6419	1	PLUG					
	7	8T-4195	12	BOLT (L=30mm)					
Y	8	255-5661	2	VALVE GP					
	9	8T-4121	4	WASHER					
	10	095-1590	1	SEAL-O-RING (ID=21.80mm)					
	11	095-1787	1	RING					
	12	158-8159	1	HOUSING					
	13	1P-3702	4	SEAL					
	14	6E-2274	1	COVER					
	15	6V-5597	2	SEAL-O-RING (ID=40.94mm)					

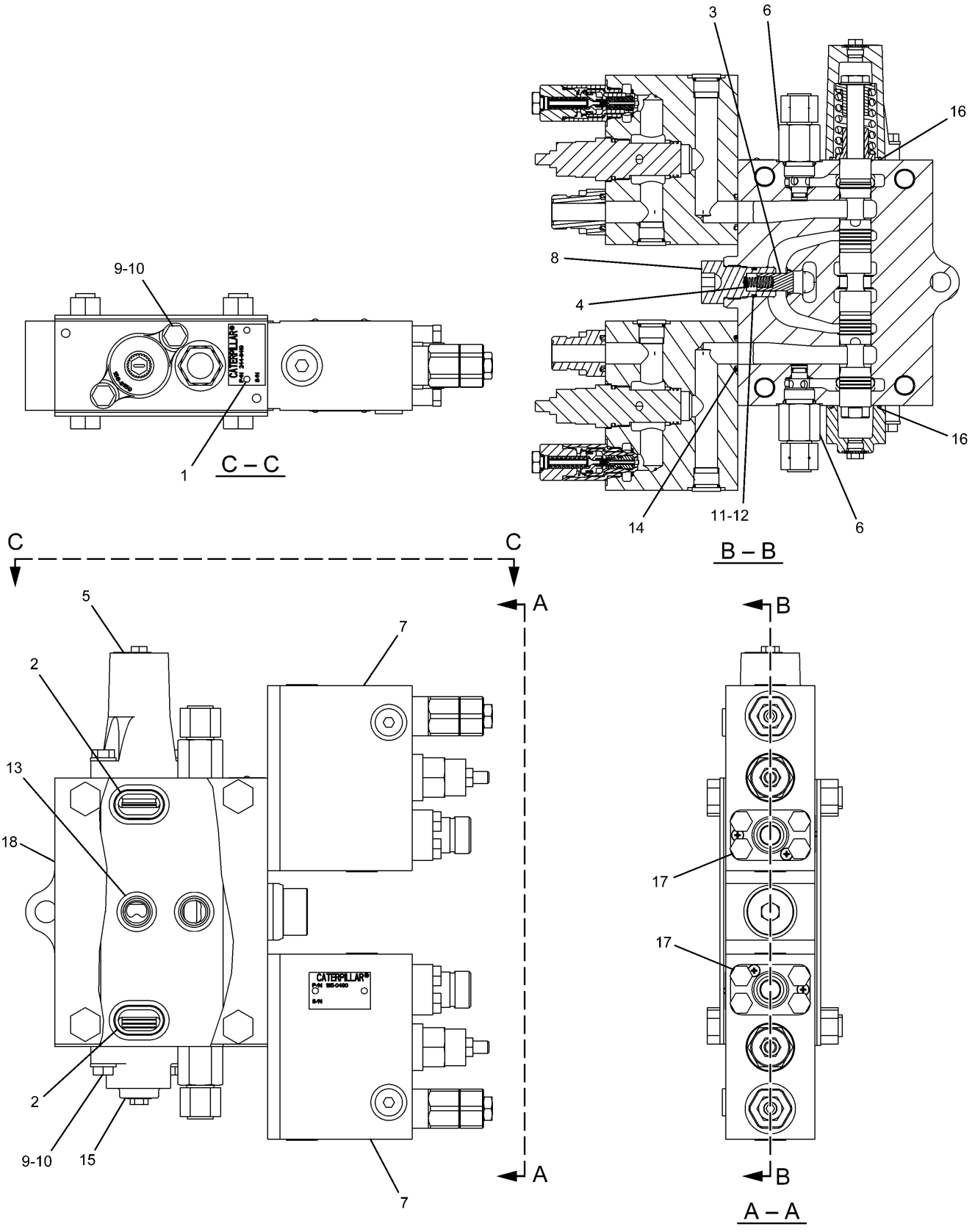
Y—SEE SEPARATE ILLUSTRATION

H91381E 01

259-7378 VALVE GP-CONTROL

Part of 255-5713-Page534,255-5716-Page535
255-5661-Page547
An Attachment

MEMORANDA



244-8419 VALVE GP-CONTROL
Part of 255-5716-Page535
165-9473-Page560,185-0490-Page561
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4B-4158	2	SCREW					
	2	4J-8998	2	SEAL-O-RING (ID=36.09mm)					
	3	6E-5731	1	VALVE					
	4	7I-1248	1	SPRING					
	5	158-8159	1	HOUSING					
Y	6	165-9473	2	PLUG GP					
Y	7	185-0490	2	VALVE GP					
	8	236-6419	1	PLUG					
	9	8T-4121	4	WASHER					
	10	8T-4195	4	BOLT (L=30mm)					
	11	095-1590	1	SEAL-O-RING (ID=21.80mm)					
	12	095-1787	1	RING					
	13	1P-3702	2	SEAL					
	14	4J-5267	2	SEAL-O-RING (ID=24.99mm)					
	15	6E-2274	1	COVER					
	16	6V-5597	2	SEAL-O-RING (ID=40.94mm)					
	17	7X-2545	8	BOLT (L=150mm)					
	18	244-8400	1	VALVE GP					

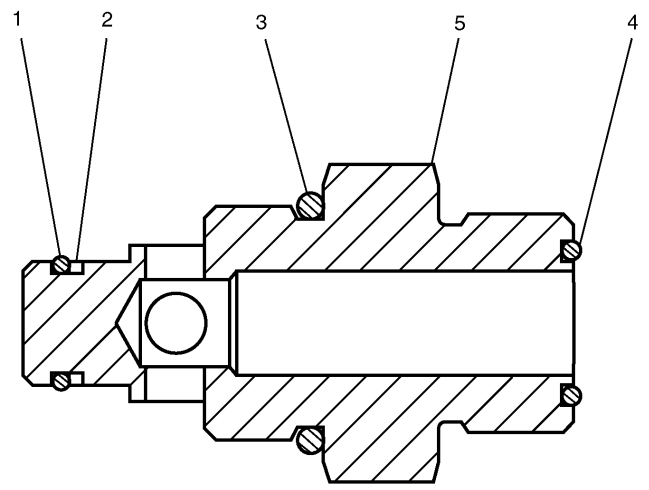
Y—SEE SEPARATE ILLUSTRATION

H89514E 00

244-8419 VALVE GP-CONTROL

Part of 255-5716-Page535
165-9473-Page560,185-0490-Page561
An Attachment

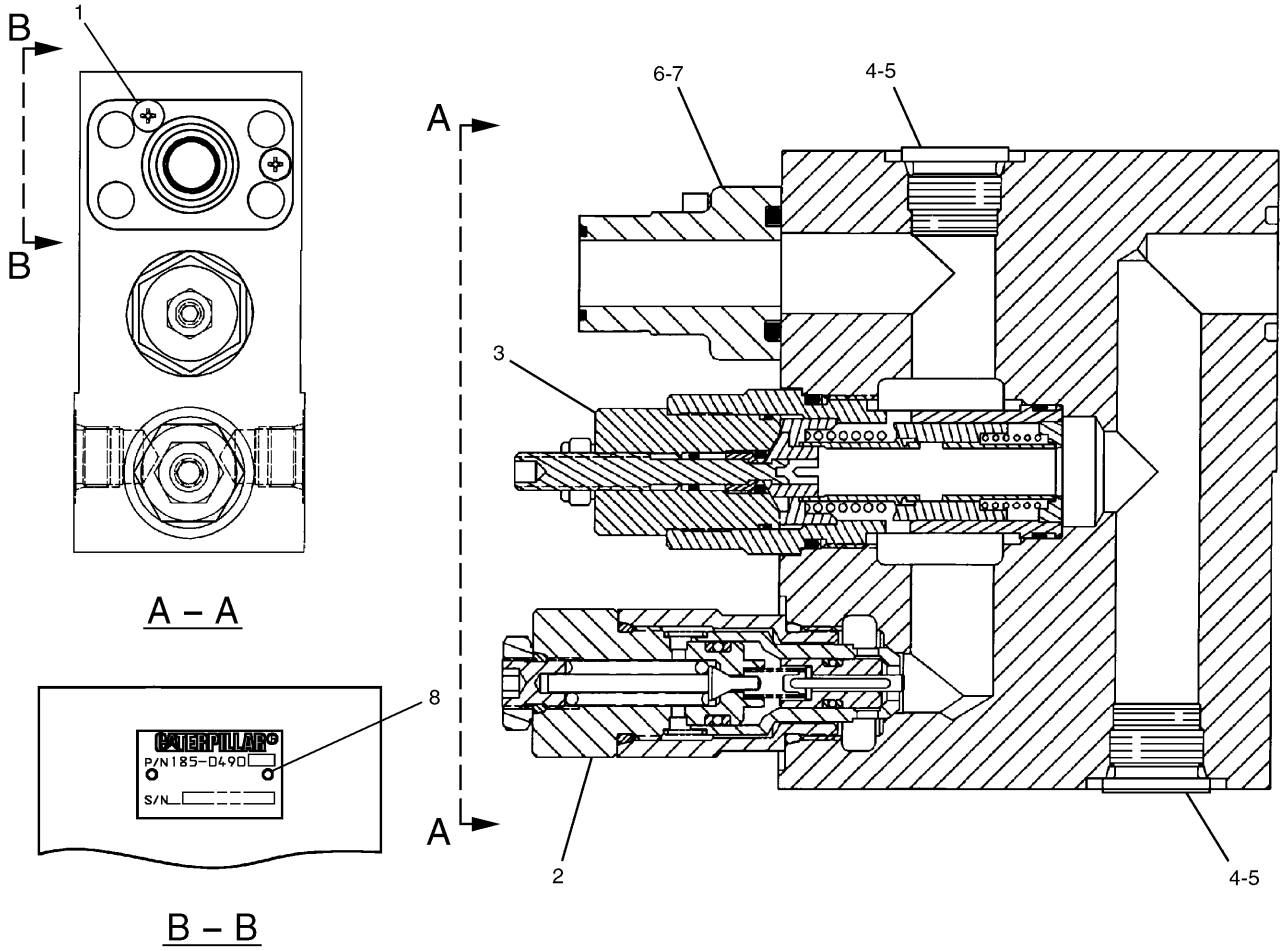
HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME
	1	6M-5062	1	SEAL-O-RING (ID=10.82mm)
	2	9J-0705	1	RING
	3	3D-2824	1	SEAL-O-RING (ID=23.47mm)
	4	7J-9108	1	SEAL-O-RING (OD=19.28mm)
	5	165-9474	1	PLUG

H67658E 01

165-9473 PLUG GP
Part of 244-8419-Page559
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	096-3773	2	SCREW					
Y	2	201-9352	1	VALVE GP					
	3	165-9497	1	VALVE GP					
		185-0400	1	SEAL KIT					
	4	9S-8006	2	PLUG					
	5	2M-9780	2	SEAL-O-RING (ID=19.18mm)					
	6	123-2423	1	FLANGE					
	7	1P-3702	1	SEAL					
	8	4B-4158	2	SCREW					

Y—SEE SEPARATE ILLUSTRATION

H75996E 02

185-0490 VALVE GP-FLOW CONTROL & RELIEF

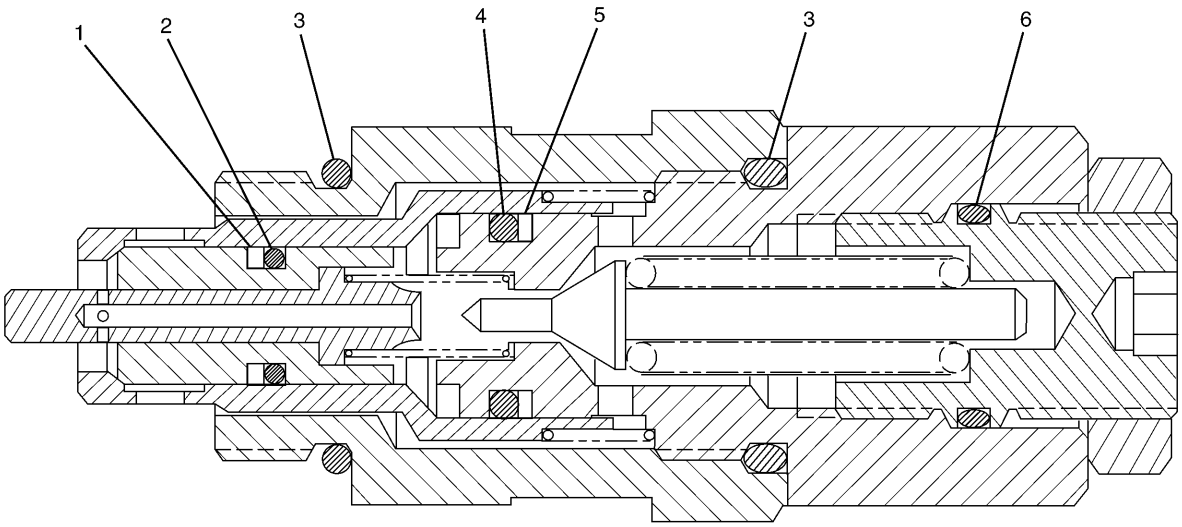
Part of 244-8419-Page559
201-9352-Page562
An Attachment

Consists of :

			Page
1	105-1321	VALVE GP-RELIEF	563
		-OR-	
1	201-9353	VALVE GP-PILOT RELIEF	564

H74578E 00

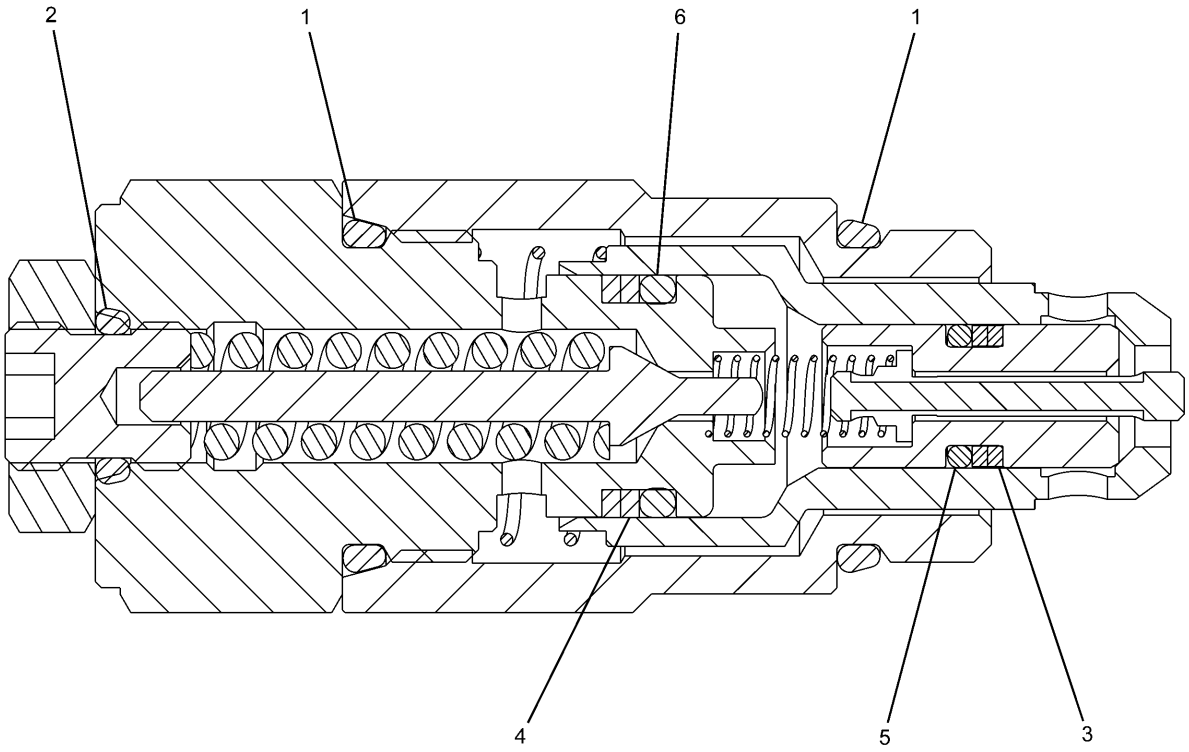
201-9352 VALVE GP-RELIEF
Part of 185-0490-Page561
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	030-0167	1	RING					
	2	8L-2779	1	SEAL-O-RING (ID=9.25mm)					
	3	033-6036	2	SEAL-O-RING (ID=23.47mm)					
	4	3P-0647	1	SEAL-O-RING (ID=13.94mm)					
	5	9J-0707	1	RING					
	6	8T-7877	1	SEAL-O-RING (ID=17.40mm)					

H74537E 01

105-1321 VALVE GP-RELIEF
Part of 201-9352-Page562
An Attachment



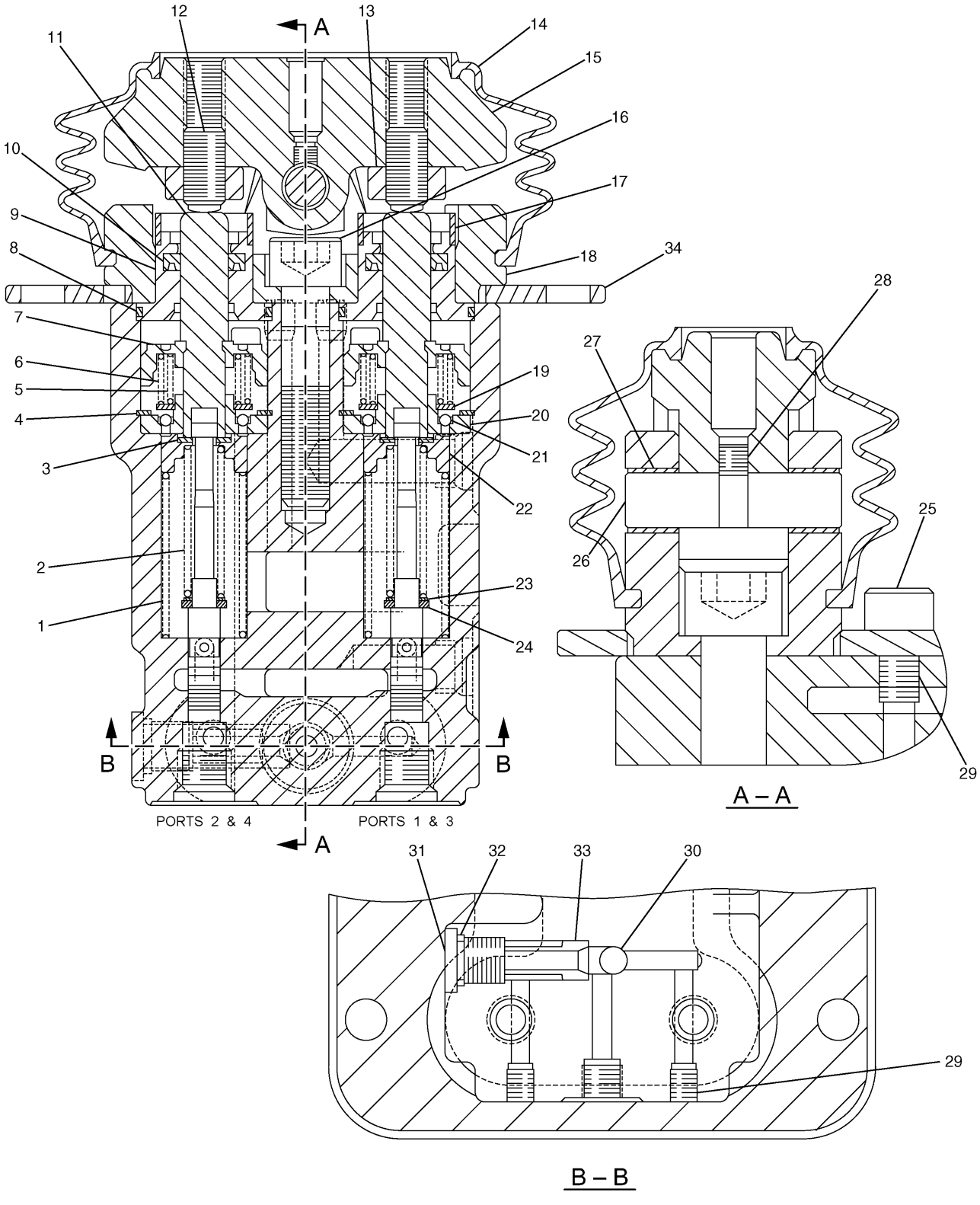
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3D-2824	2	SEAL-O-RING (ID=23.47mm)					
	2	095-1578	1	SEAL-O-RING (ID=9.80mm)					
	3	103-8252	2	RING					
	4	103-8253	2	RING					
	5	103-8254	1	SEAL-O-RING (ID=7.80mm)					
	6	103-8255	1	SEAL-O-RING (ID=14.80mm)					

H88905E 01

201-9353 VALVE GP-PILOT RELIEF

Part of 201-9352-Page562
An Attachment

MEMORANDA



270–5947 VALVE GP–PILOT
Part of 248–9825–Page451

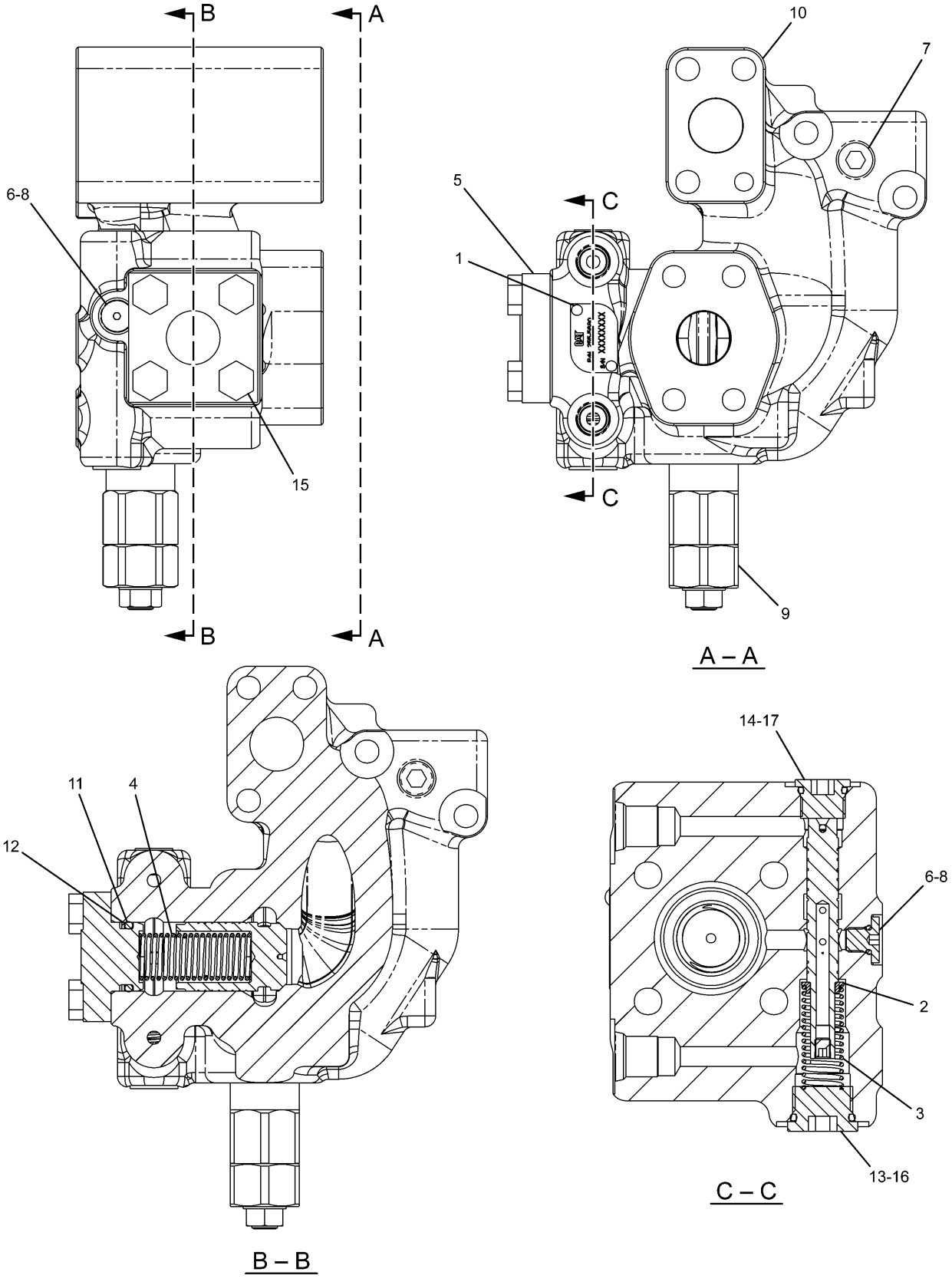
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	270-5950	4	SPRING					
	2	131-5818	4	SPRING					
	3	099-6136	8	WASHER					
	4	095-0936	4	RING					
	5	126-1865	4	SPRING					
	6	126-1866	4	SPRING					
	7	270-5949	4	PISTON					
	8	6V-8400	4	SEAL-O-RING (ID=30.01mm)					
	9	165-9554	4	PLUG					
	10	119-5389	4	PACKING					
	11	165-9552	4	PUSHROD					
	12	087-4710	4	SETSCREW					
	13	8T-4133	4	NUT					
	14	087-5709	2	BELLOW					
	15	087-5708	2	PEDAL					
	16	8T-0343	2	BOLT (L=55mm)					
	17	119-5388	4	CAP					
	18	165-9463	2	COVER					
	19	119-5391	4	SEAT					
	20	119-5392	4	BUSHING					
	21	153-5223	12	BALL					
	22	165-9551	4	SEAT					
	23	099-6137	4	WASHER					
	24	099-6141	4	WASHER					
	25	8T-1158	2	BOLT (L=20mm)					
	26	099-6145	2	CAMSHAFT					
	27	099-6144	4	BUSHING					
	28	095-1260	2	SETSCREW					
	29	8T-6759	6	PLUG					
	30	9M-5590	2	BALL					
	31	107-6479	2	PLUG					
	32	095-1578	2	SEAL-O-RING (ID=9.80mm)					
	33	165-9464	2	SEAT					
	34	165-9553	1	COVER					

H92135E 00

270-5947 VALVE GP-PILOT

Part of 248-9825-Page451



255-5680 VALVE GP-PILOT
Part of 239-1714-Page483
255-5662-Page574

HYDRAULIC SYSTEM

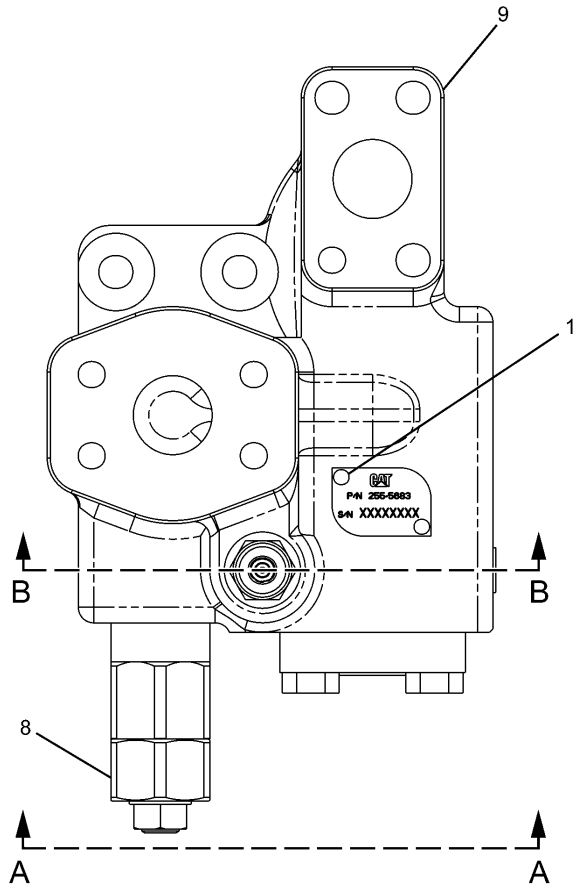
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4B-4158	2	SCREW					
	2	4I-8965	1	GUIDE					
	3	5I-8511	1	SPRING					
	4	087-5166	1	SPRING					
	5	118-4044	1	COVER					
	6	4J-7533	2	SEAL-O-RING (ID=6.07mm)					
	7	147-4184	1	PLUG					
	8	225-4804	2	PLUG					
Y	9	255-5662	1	VALVE GP					
	10	255-5883	1	VALVE GP					
	11	095-1594	1	SEAL-O-RING (ID=25.70mm)					
	12	095-1789	1	RING					
	13	9S-8005	1	PLUG					
	14	9S-8004	1	PLUG					
	15	8T-4136	4	BOLT (L=25mm)					
	16	3K-0360	1	SEAL-O-RING (ID=16.36mm)					
	17	3J-1907	1	SEAL-O-RING (ID=11.89mm)					

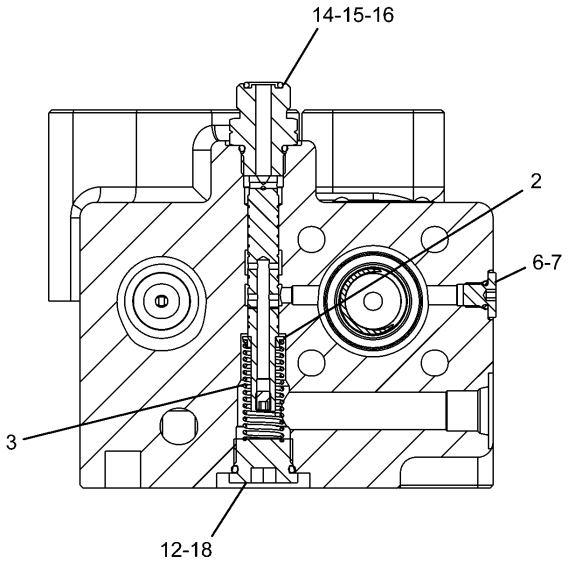
Y—SEE SEPARATE ILLUSTRATION

H91388E 01

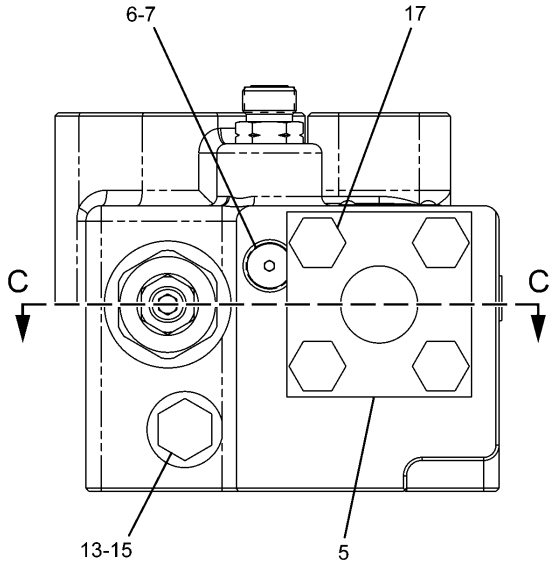
255-5680 VALVE GP-PILOT

Part of 239-1714-Page483
255-5662-Page574

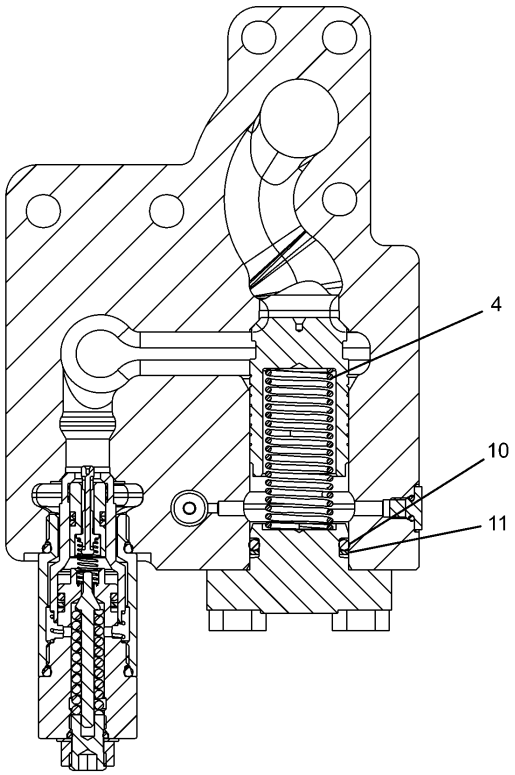




B – B



A – A



C – C

H91389E 01

255-5683 VALVE GP-PILOT

Part of 239-1714-Page483
255-5662-Page574

HYDRAULIC SYSTEM

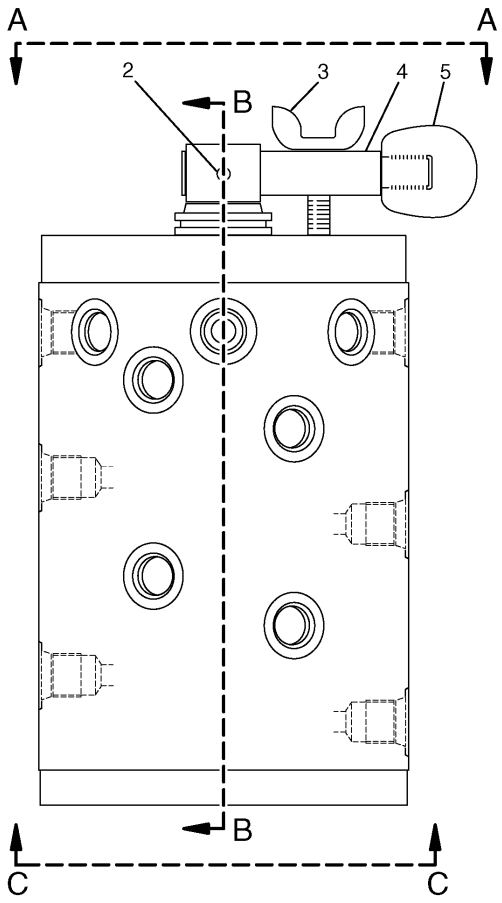
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4B-4158	2	SCREW					
	2	4I-8965	1	GUIDE					
	3	5I-8511	1	SPRING					
	4	087-5166	1	SPRING					
	5	118-4044	1	COVER					
	6	4J-7533	2	SEAL-O-RING (ID=6.07mm)					
	7	225-4804	2	PLUG					
Y	8	255-5662	1	VALVE GP					
	9	255-5882	1	VALVE GP					
	10	095-1594	1	SEAL-O-RING (ID=25.70mm)					
	11	095-1789	1	RING					
	12	9S-8005	1	PLUG					
	13	9S-4191	1	PLUG					
	14	190-7865	1	CONNECTOR					
	15	3J-1907	2	SEAL-O-RING (ID=11.89mm)					
	16	6V-8397	1	SEAL-O-RING (OD=12.83mm)					
	17	8T-4136	4	BOLT (L=25mm)					
	18	3K-0360	1	SEAL-O-RING (ID=16.36mm)					

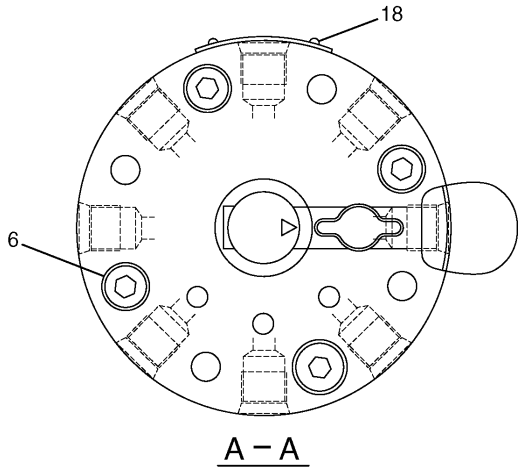
Y—SEE SEPARATE ILLUSTRATION

H91389E 01

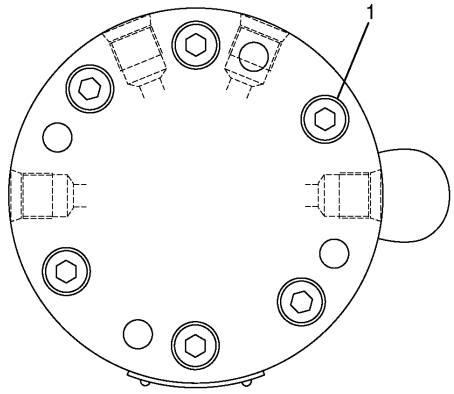
255-5683 VALVE GP-PILOT

Part of 239-1714-Page483
255-5662-Page574

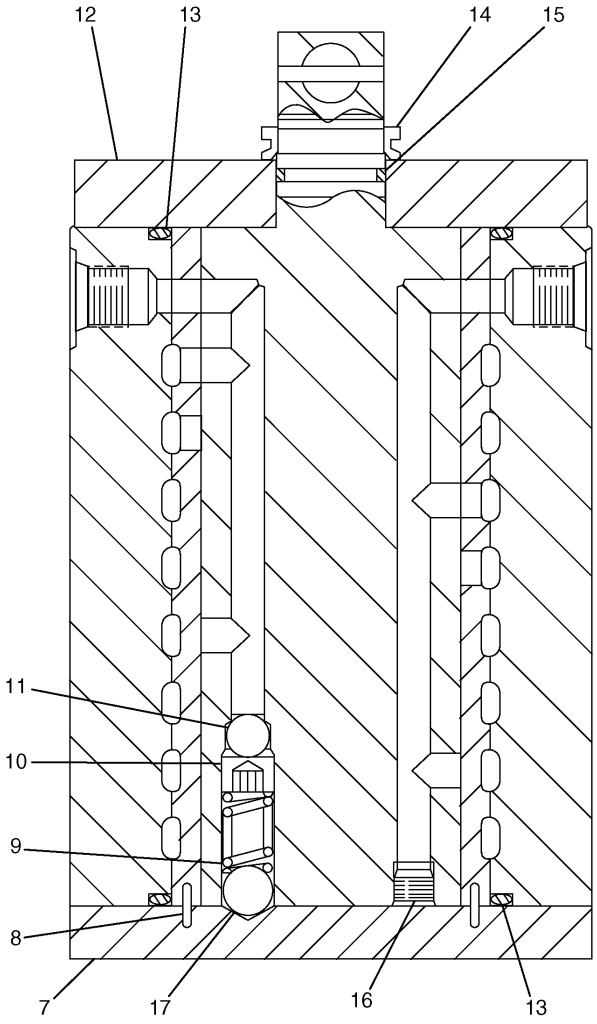




A – A



C – C



B – B

H67326E 01

165–9470 VALVE GP–PILOT
Part of 260–7966–Page479
An Attachment

HYDRAULIC SYSTEM

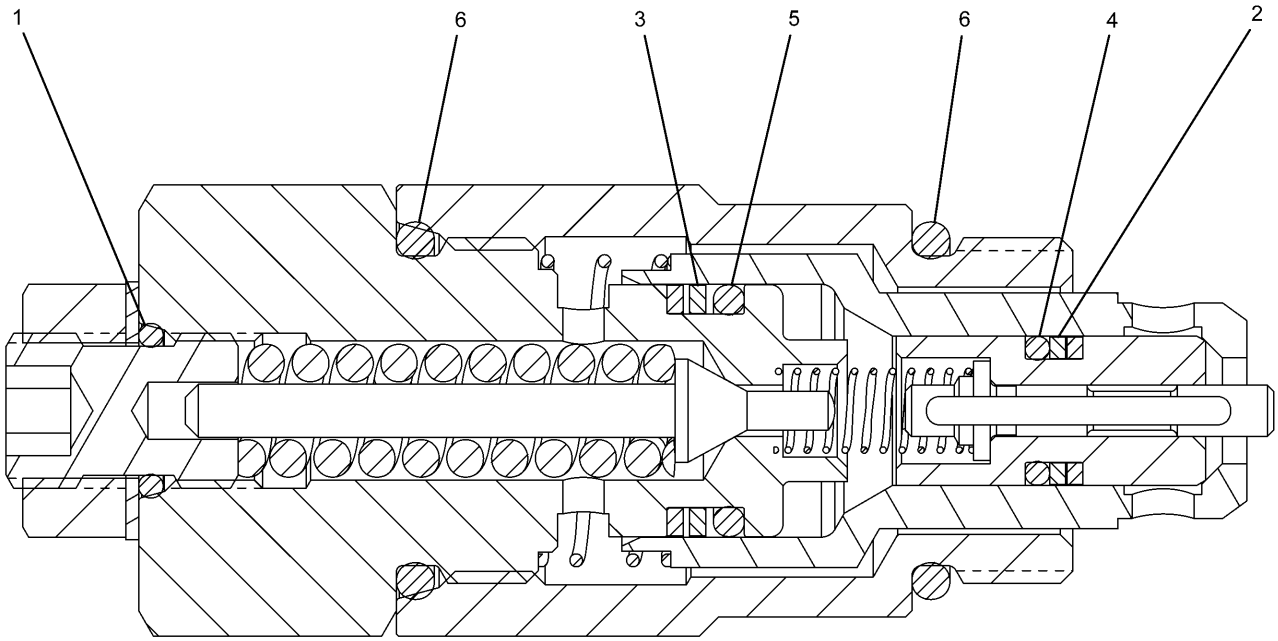
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6V-8202	6	BOLT (L=16mm)					
	2	085-7083	1	PIN					
	3	085-7084	1	BOLT					
	4	085-7080	1	LEVER					
	5	085-7079	1	GRIP					
	6	6V-3938	4	BOLT (L=20mm)					
	7	171-0185	1	COVER					
	8	085-7081	4	NEEDLE					
	9	171-0184	1	SPRING					
	10	8T-9533	1	SETSCREW					
	11	006-6803	1	BALL					
	12	171-0183	1	COVER					
	13	095-1710	2	SEAL-O-RING (ID=79.40mm)					
	14	6I-6923	1	SEAL					
	15	095-1590	1	SEAL-O-RING (ID=21.80mm)					
	16	095-0965	7	PLUG					
	17	1F-0425	1	BALL					
	18	126-9993	2	SCREW					

H67326E 01

165-9470 VALVE GP-PILOT

Part of 260-7966-Page479

An Attachment

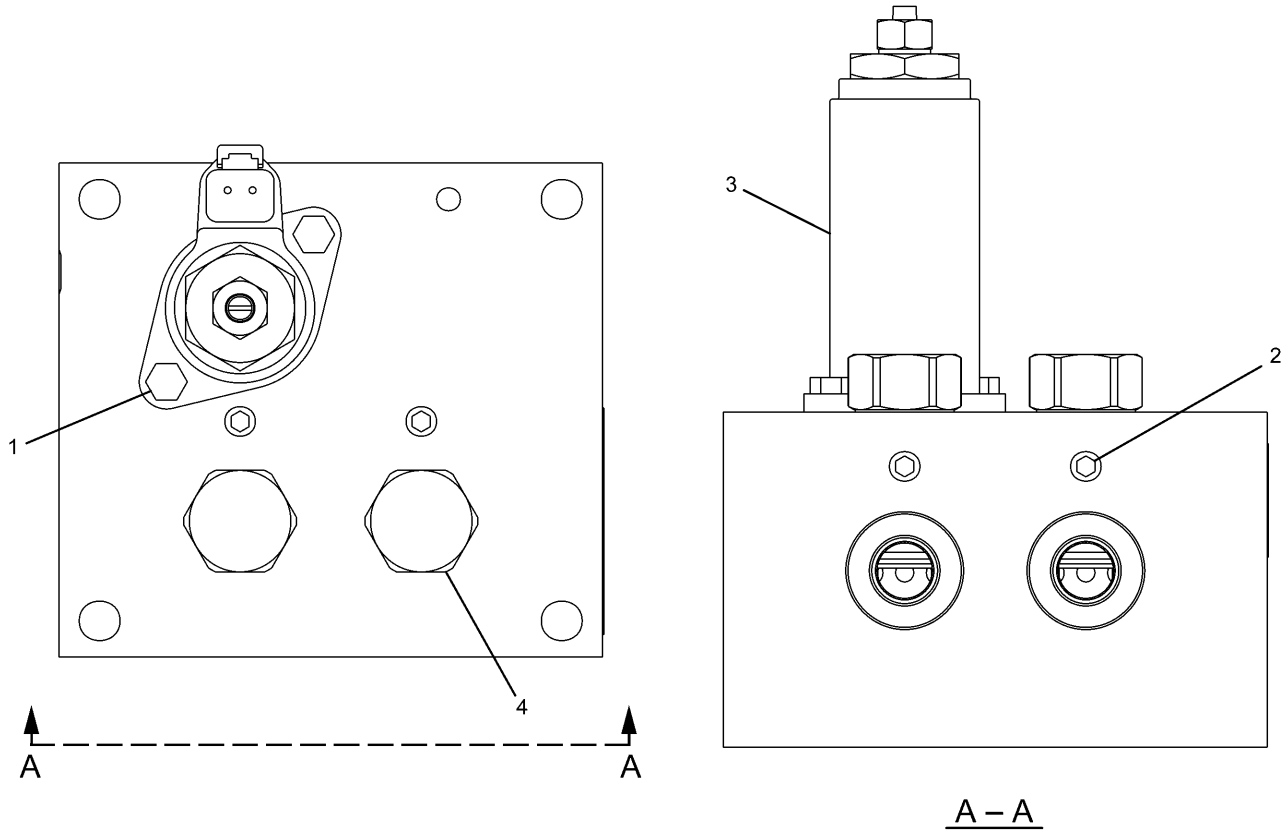


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	095-1578	1	SEAL-O-RING (ID=9.80mm)					
	2	103-8252	2	RING					
	3	103-8253	2	RING					
	4	103-8254	1	SEAL-O-RING (ID=7.80mm)					
	5	103-8255	1	SEAL-O-RING (ID=14.80mm)					
	6	3D-2824	2	SEAL-O-RING (ID=23.47mm)					

H89459E 00

255-5662 VALVE GP-PILOT RELIEF

Part of 255-5680-Page569,255-5683-Page571,225-4785-Page593,225-4843-Page595



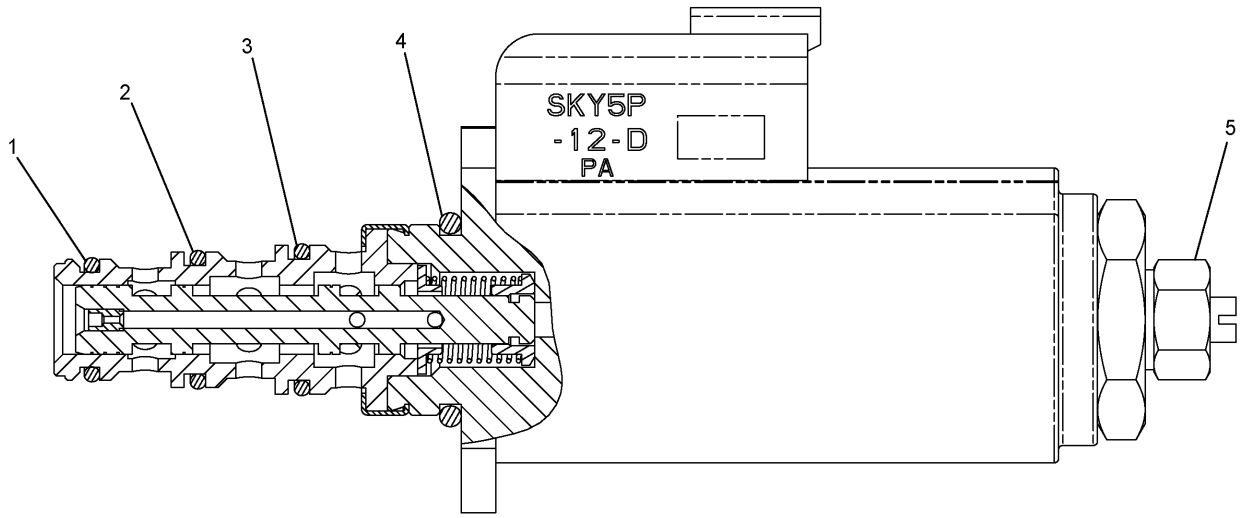
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-0288	2	BOLT (L=12mm)					
	2	7I-8084	6	PLUG					
Y	3	111-9916	1	VALVE GP					
	4	171-0198	2	VALVE GP					
		185-0407	1	SEAL KIT					

Y—SEE SEPARATE ILLUSTRATION

H91450E 02

171-0188 VALVE GP-CONTROL

Part of 260-7971-Page461,260-7972-Page463,260-7974-Page467,260-7986-Page471,275-1539-Page475
111-9916-Page576
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	095-1750	1	SEAL-O-RING (ID=10.82mm)					
	2	6V-8398	1	SEAL-O-RING (OD=16.03mm)					
	3	095-1751	1	SEAL-O-RING (ID=14.00mm)					
	4	095-1586	1	SEAL-O-RING (ID=19.80mm)					
	5	114-0623	1	NUT AS					

H94764E 03

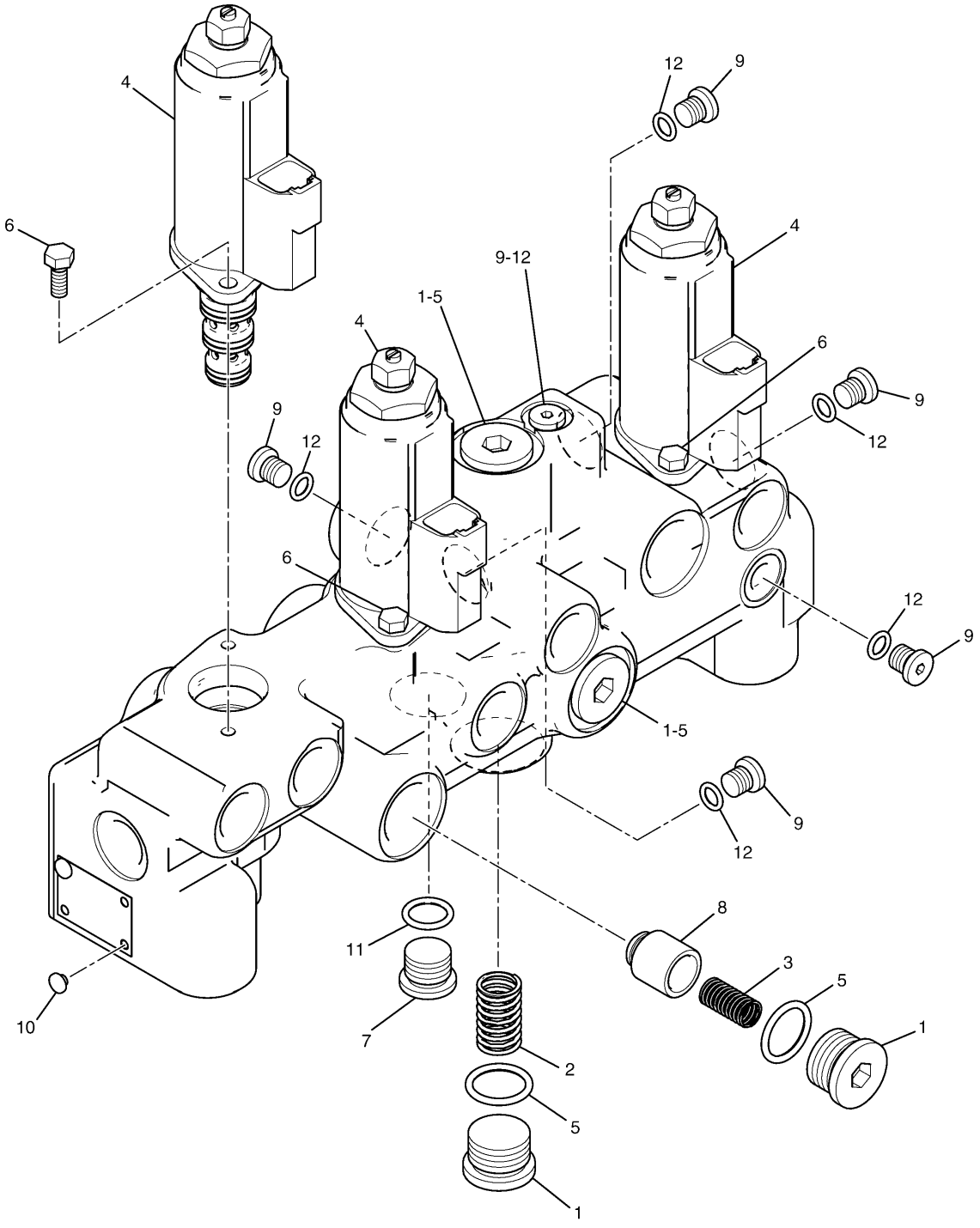
111-9916 VALVE GP-PRESS REDUCING SOL
Part of 256-0093-Page343,171-0188-Page575,260-4444-Page587

Consists of :

			Page
1	239-8697	VALVE GP-SELECTOR.....	578
		-OR-	
1	239-8998	VALVE GP-SELECTOR.....	580

H87213E 02

215-5037 VALVE GP-SELECTOR
Part of 248-9851-Page457



H87214E 00

239-8697 VALVE GP-SELECTOR
Part of 215-5037-Page577
121-1491-Page555

HYDRAULIC SYSTEM

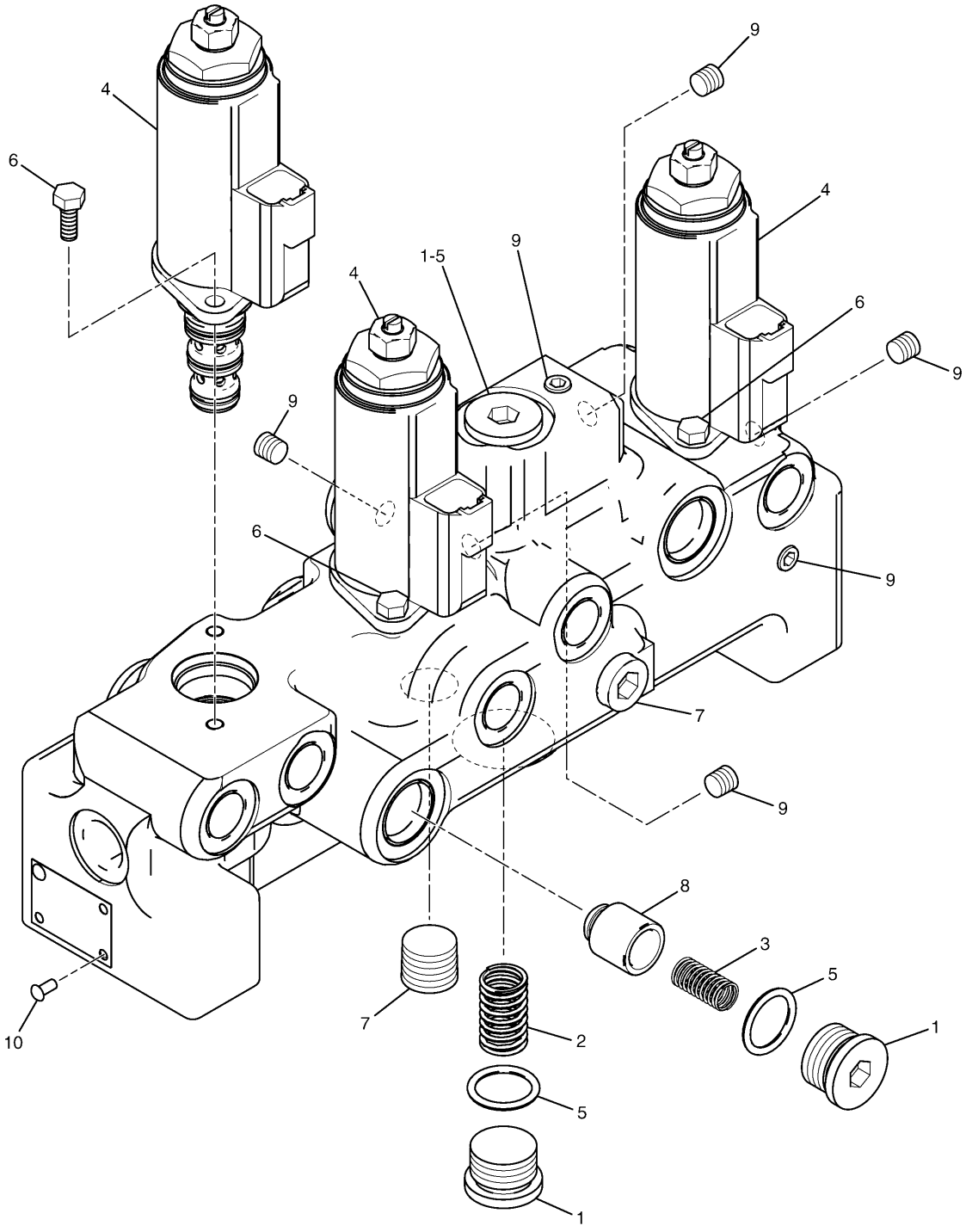
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9S-8005	4	PLUG					
	2	197-0273	1	SPRING					
	3	197-0199	1	SPRING					
Y	4	121-1491	3	VALVE GP					
	5	3K-0360	4	SEAL-O-RING (ID=16.36mm)					
	6	7I-2272	6	BOLT (L=12mm)					
	7	9S-8004	1	PLUG					
	8	197-0196	1	VALVE					
	9	9S-8001	6	PLUG					
	10	4B-4158	2	SCREW					
	11	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	12	4J-7533	6	SEAL-O-RING (ID=6.07mm)					

Y—SEE SEPARATE ILLUSTRATION

H87214E 00

239-8697 VALVE GP-SELECTOR

Part of 215-5037-Page577
121-1491-Page555



H87218E 00

239-8998 VALVE GP-SELECTOR
Part of 215-5037-Page577
121-1491-Page555

HYDRAULIC SYSTEM

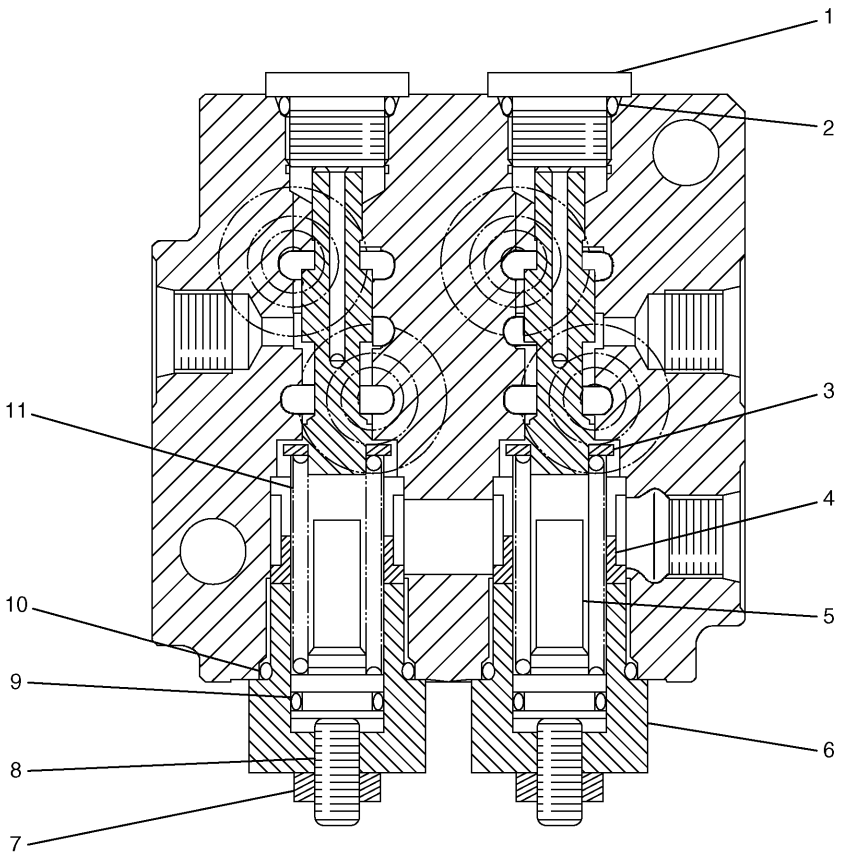
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9S-8005	3	PLUG					
	2	197-0273	1	SPRING					
	3	197-0199	1	SPRING					
Y	4	121-1491	3	VALVE GP					
	5	3K-0360	3	SEAL-O-RING (ID=16.36mm)					
	6	7I-2272	6	BOLT (L=12mm)					
	7	7M-7410	2	PLUG					
	8	197-0196	1	VALVE					
	9	8T-6759	6	PLUG					
	10	4B-4158	2	SCREW					

Y—SEE SEPARATE ILLUSTRATION

H87218E 00

239-8998 VALVE GP-SELECTOR

Part of 215-5037-Page577
121-1491-Page555



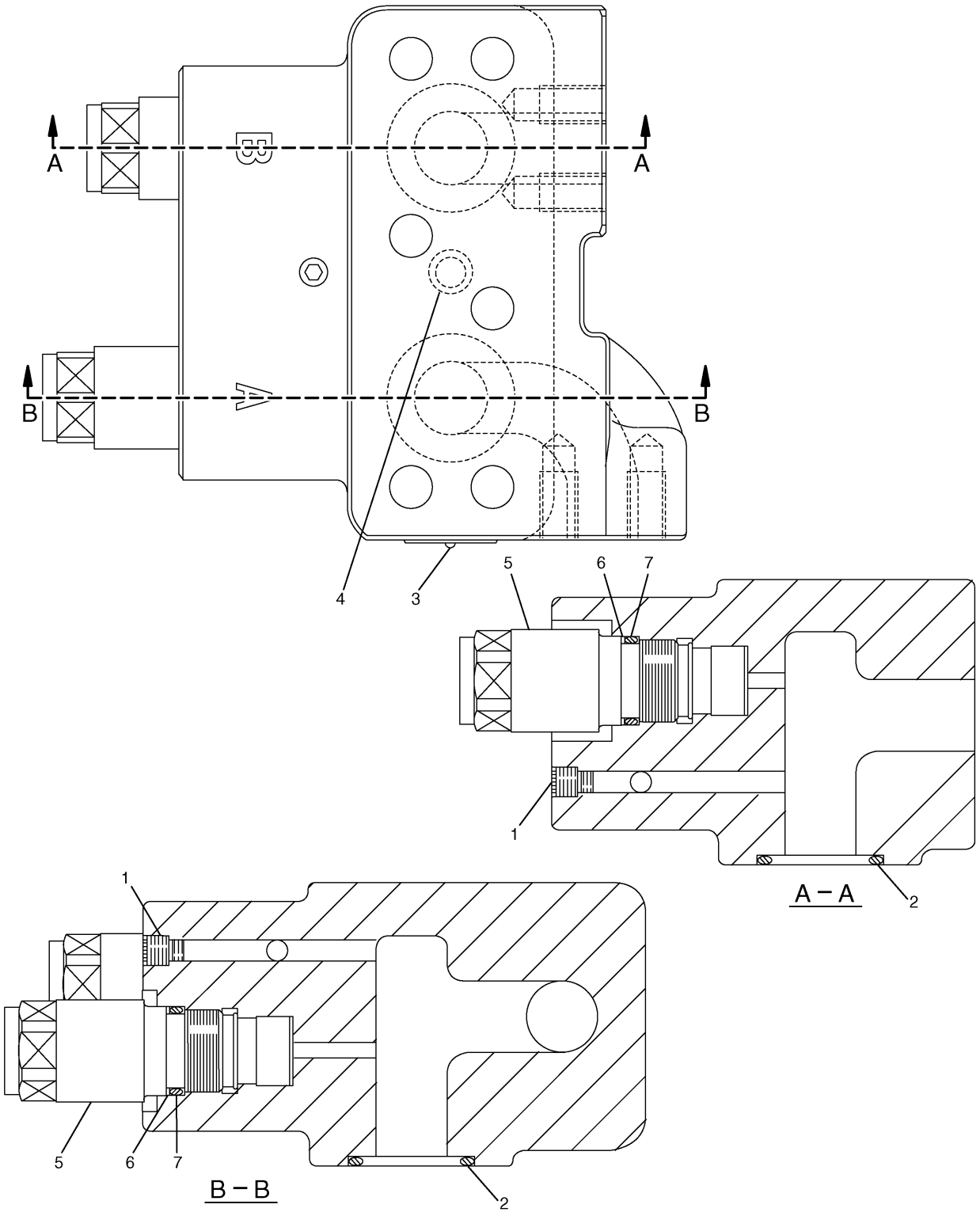
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	111-9998	2	PLUG					
	2	095-1582	2	SEAL-O-RING (ID=13.80mm)					
	3	171-0127	2	SEAT					
	4	185-0423	2	STOPPER					
	5	171-0126	2	SEAT					
	6	171-0123	2	PLUG					
	7	5C-7261	2	NUT					
	8	171-0124	2	SETSCREW					
	9	095-1580	2	SEAL-O-RING (ID=11.80mm)					
	10	095-1590	2	SEAL-O-RING (ID=21.80mm)					
	11	171-0128	2	SPRING					

H85396E 00

232-4102 VALVE GP-PRESSURE REDUCING

Part of 248-9851-Page455

MEMORANDA



158-9085 VALVE GP-CUSHION CROSSOVER RLF
Part of 302-2922-Page377

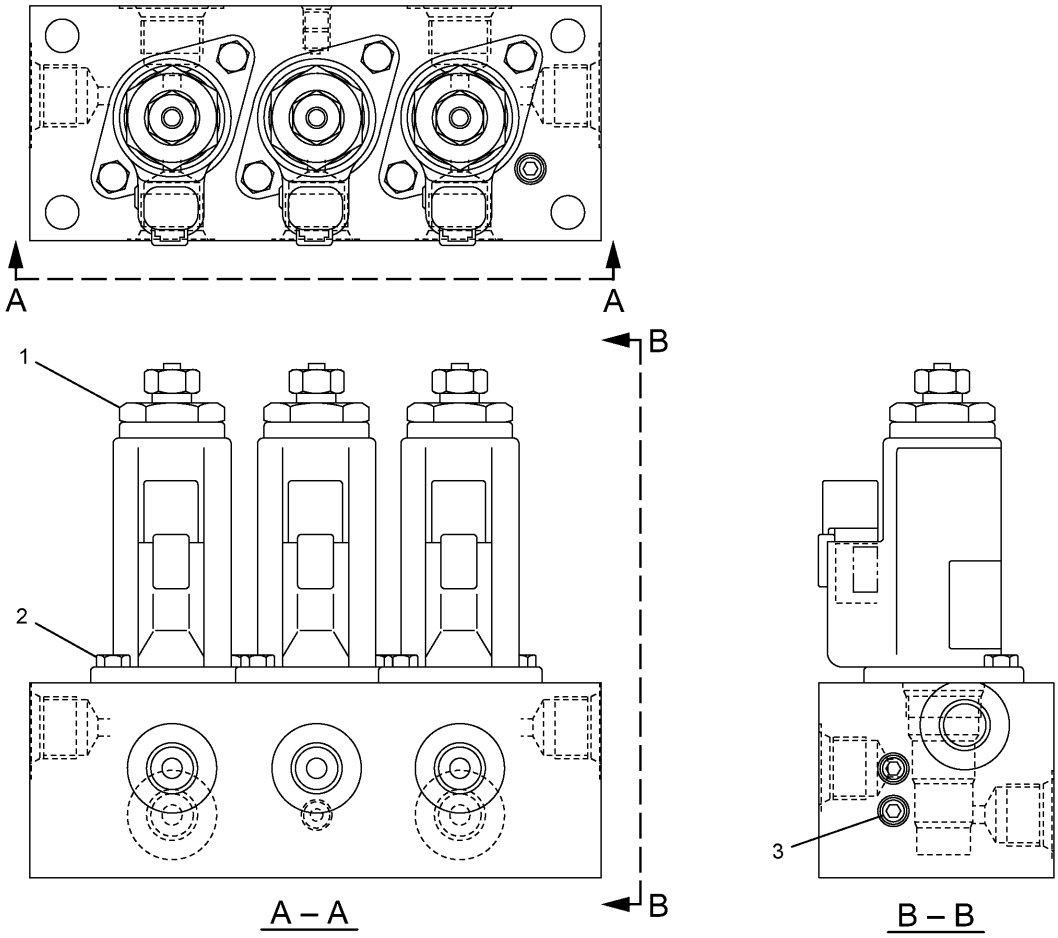
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-6759	4	PLUG					
	2	095-1698	2	SEAL-O-RING (ID=29.40mm)					
	3	5B-9304	2	SCREW					
	4	095-1576	1	SEAL-O-RING (ID=8.80mm)					
	5	173-3536	2	VALVE GP					
	6	095-1785	1	RING					
	7	095-1586	1	SEAL-O-RING (ID=19.80mm)					

H67322E 01

158-9085 VALVE GP-CUSHION CROSSOVER RLF

Part of 302-2922-Page377



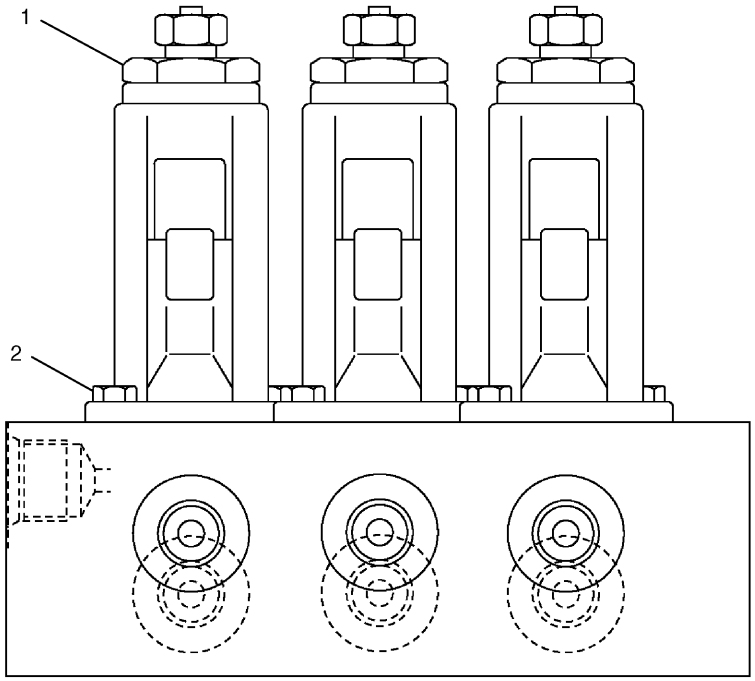
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	121-1491	3	VALVE GP					
	2	8T-0288	6	BOLT (L=12mm)					
	3	7I-8084	4	PLUG					

Y—SEE SEPARATE ILLUSTRATION

H90190E 03

165-9549 VALVE GP-SOLENOID

Part of 260-7974-Page467,260-7986-Page471
121-1491-Page555
An Attachment

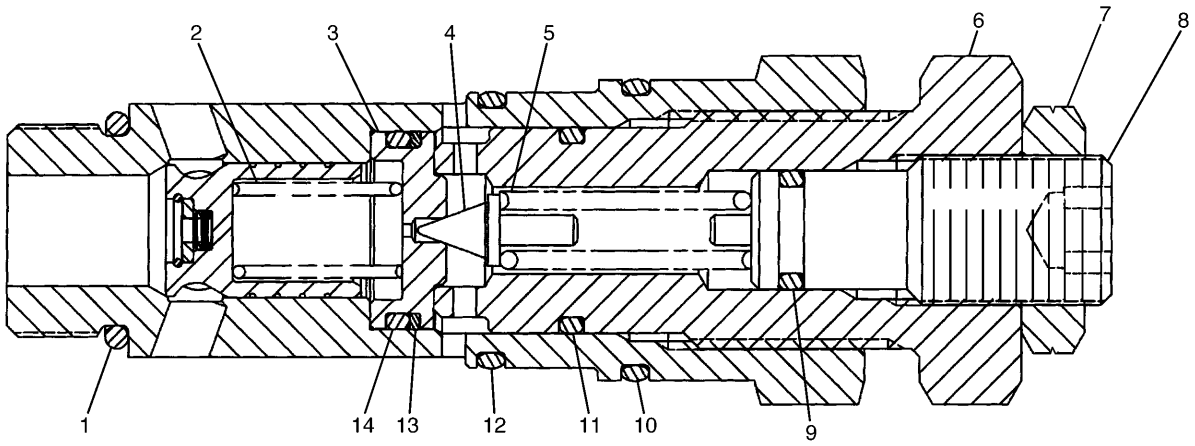


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	111-9916	3	VALVE GP					
	2	8T-0288	6	BOLT (L=12mm)					

Y—SEE SEPARATE ILLUSTRATION

H90056E 00

260-4444 VALVE GP-SOLENOID
S/N BWZ 1-Up, DFB 1-Up
Part of 272-4170-Page472
111-9916-Page576
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3D-2824	1	SEAL-O-RING (ID=23.47mm)					
	2	6I-6795	1	SPRING					
	3	171-0034	1	SEAT					
	4	171-0037	1	VALVE					
	5	4I-3510	1	SPRING					
	6	171-0035	1	HOLDER					
	7	222-0085	1	NUT					
	8	171-0036	1	ADJUSTER					
	9	095-1579	1	SEAL-O-RING (ID=10.80mm)					
	10	6V-8218	1	SEAL-O-RING (ID=32.99mm)					
	11	095-1590	1	SEAL-O-RING (ID=21.80mm)					
	12	6V-8978	1	SEAL-O-RING (ID=29.82mm)					
	13	095-1786	1	RING					
	14	095-1587	1	SEAL-O-RING (ID=20.80mm)					

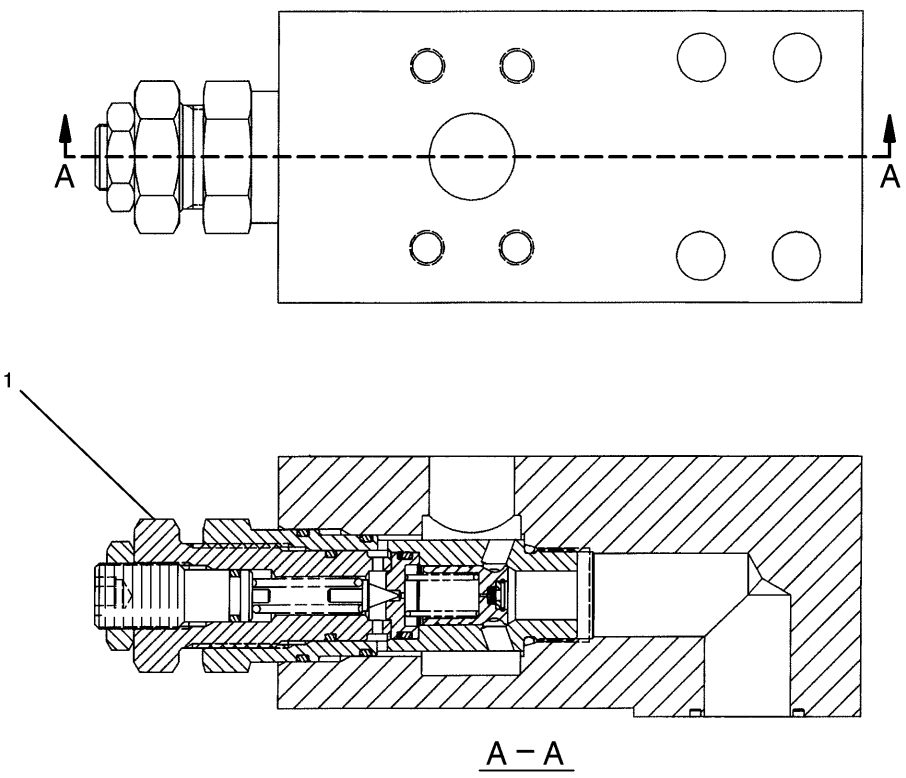
H81813E 00

222-0084 VALVE GP-RELIEF

Pilot Operated

Part of 177-2653-Page589

An Attachment



A – A

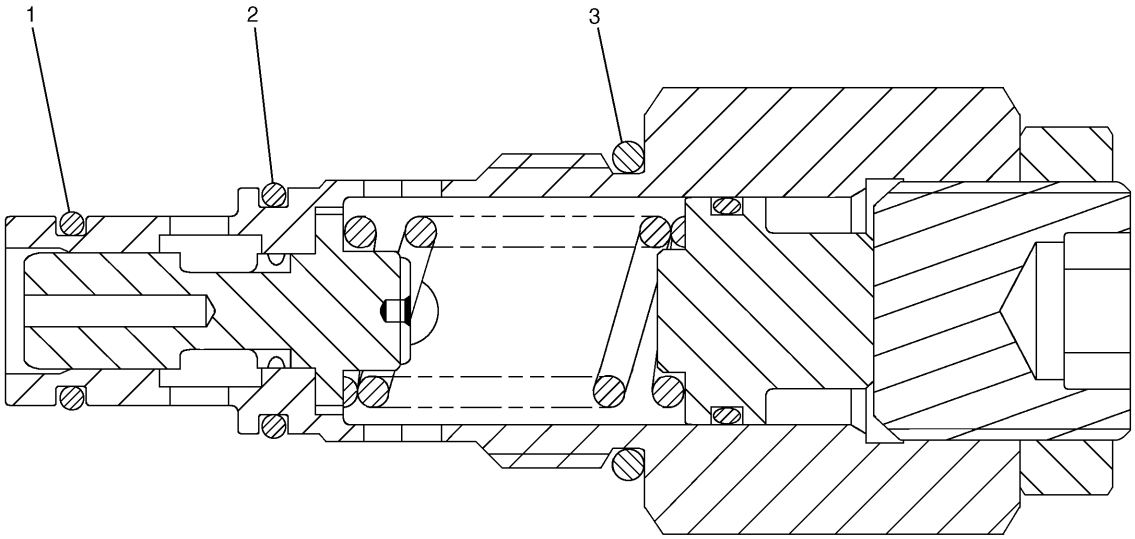
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	222-0084	1	VALVE GP					

Y—SEE SEPARATE ILLUSTRATION

H81788E 01

177-2653 VALVE GP-RELIEF

Part of 260-8006-Page487,260-8007-Page489,260-8008-Page491
222-0084-Page588
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	095-1584	1	SEAL-O-RING (ID=15.80mm)					
	2	095-1590	1	SEAL-O-RING (ID=21.80mm)					
	3	095-1596	1	SEAL-O-RING (ID=28.70mm)					

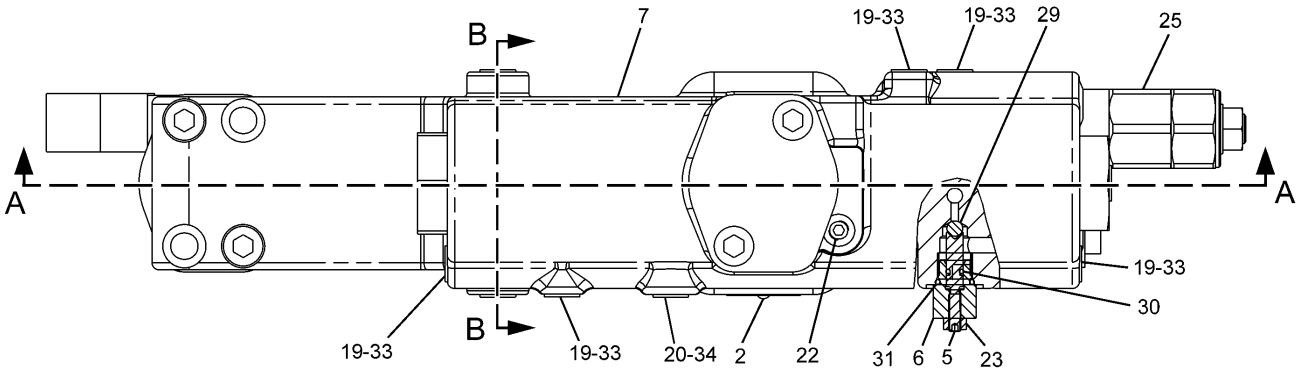
H81796E 00

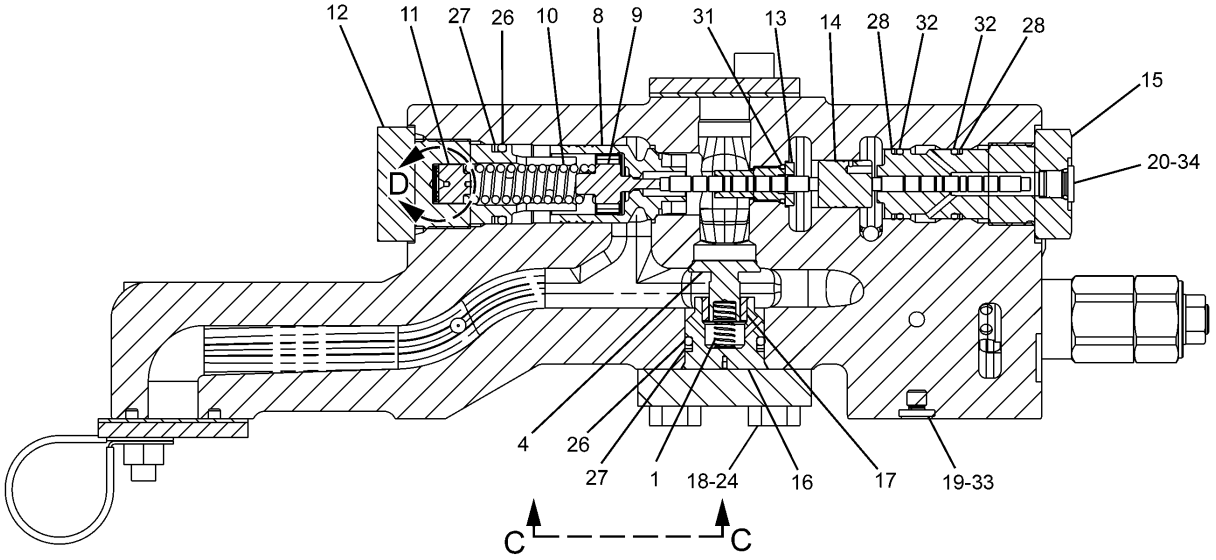
215-4909 VALVE GP-RELIEF

Direct Operated

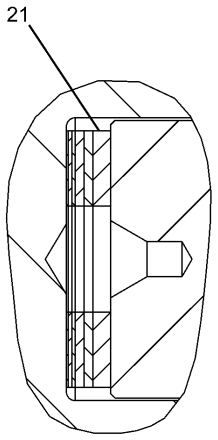
Part of 188-2084-Page331,289-7836-Page332

MEMORANDA

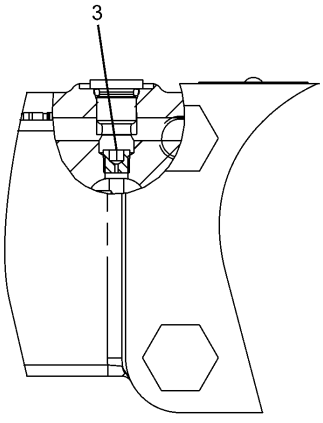




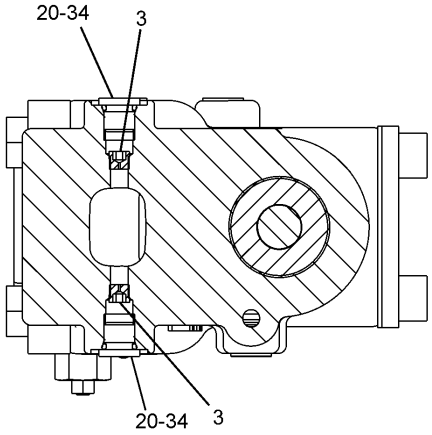
A – A



D



C – C



B – B

HA0914E 04

225-4785 VALVE GP-CHECK & RELIEF
BOOM LOWERING CONTROL
S/N BWZ 1-Up, DFB 1-Up
Part of 286-6495-Page379
255-5662-Page574
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2S-2596	1	SPRING					
	2	4B-4158	1	SCREW					
	3	114-8229	3	ORIFICE					
	4	9T-1614	1	VALVE					
	5	165-9513	1	SEAT					
	6	165-9514	1	PLUG					
	7	225-4786	1	BODY					
	8	225-4787	1	VALVE					
	9	225-4789	1	VALVE					
	10	225-4790	1	SPRING					
	11	225-4791	1	GUIDE					
	12	225-4792	1	PLUG					
	13	225-4793	1	VALVE GP					
	14	225-4796	1	PISTON					
	15	225-4797	1	VALVE GP					
	16	259-7788	1	GUIDE AS					
	17	4T-0987	1	BEARING					
	18	225-4803	1	COVER					
	19	225-4804	7	PLUG					
	20	225-4821	4	PLUG					
B	21	225-4830	1	SHIM (T=1.0mm)					
B		225-4831	2	SHIM (T=0.5mm)					
B		225-4832	2	SHIM (T=0.2mm)					
B		225-4833	1	SHIM (T=0.1mm)					
	22	8T-6759	1	PLUG					
	23	7Y-5226	1	NUT					
	24	8T-4139	4	BOLT (L=30mm)					
Y	25	255-5662	1	VALVE GP					
	26	095-1594	2	SEAL-O-RING (ID=25.70mm)					
	27	095-1789	2	RING					
	28	122-7797	2	RING					
	29	2D-6642	1	BALL					
	30	3H-0442	1	SEAL-O-RING (ID=3.68mm)					
	31	3J-1907	2	SEAL-O-RING (ID=11.89mm)					
	32	6V-5326	2	SEAL-O-RING (ID=23.47mm)					
	33	4J-7533	7	SEAL-O-RING (ID=6.07mm)					
	34	3J-7354	4	SEAL-O-RING (ID=8.92mm)					

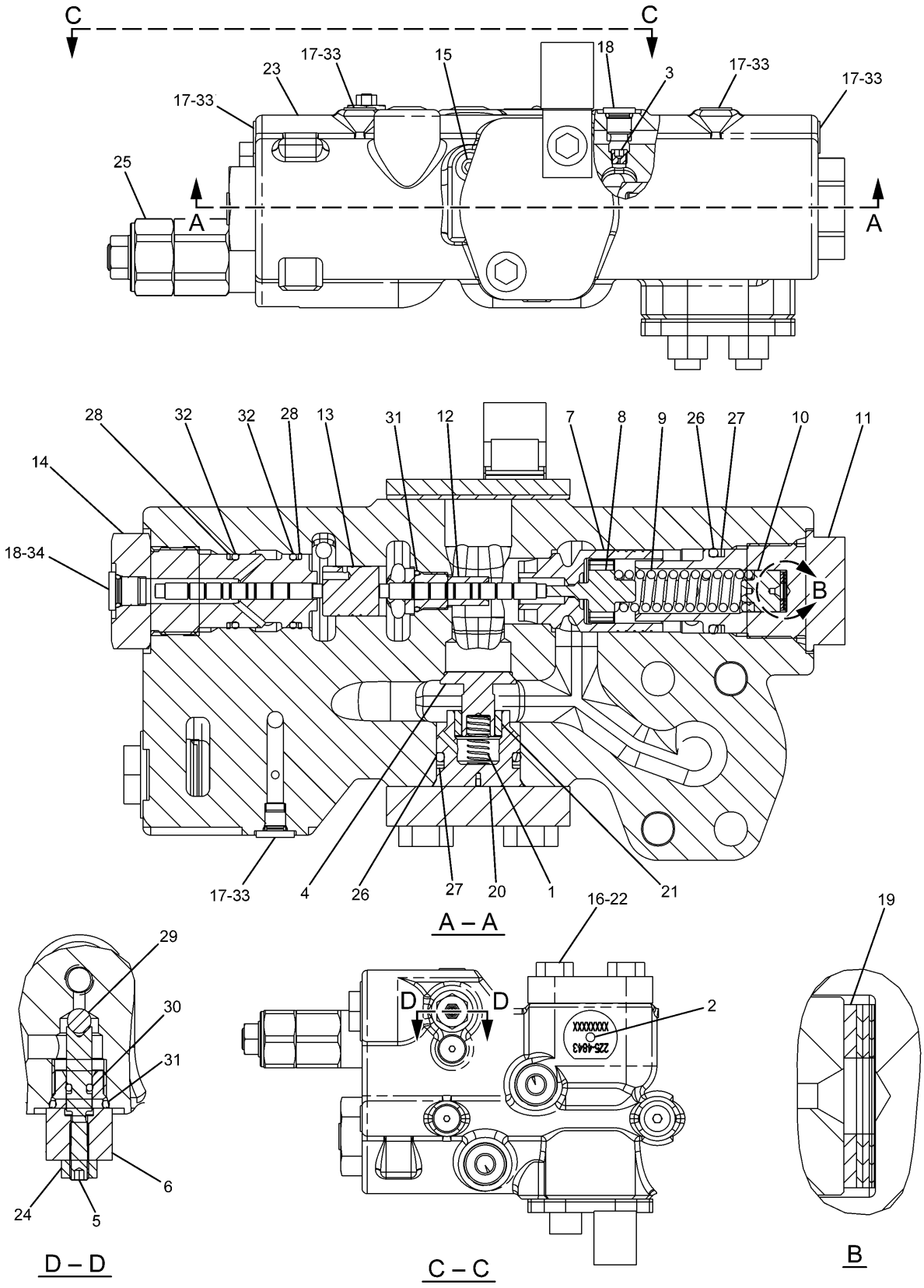
B—USE AS REQUIRED

Y—SEE SEPARATE ILLUSTRATION

HA0914E 04

225-4785 VALVE GP-CHECK & RELIEF

BOOM LOWERING CONTROL
S/N BWZ 1-Up, DFB 1-Up
Part of 286-6495-Page379
255-5662-Page574
An Attachment



HA0915E 04

225-4843 VALVE GP-CHECK & RELIEF
S/N BWZ 1-Up, DFB 1-Up
Part of 262-3471-Page383
255-5662-Page574
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2S-2596	1	SPRING					
	2	4B-4158	1	SCREW					
	3	114-8229	1	ORIFICE					
	4	9T-1614	1	VALVE					
	5	165-9513	1	SEAT					
	6	165-9514	1	PLUG					
	7	225-4787	1	VALVE					
	8	225-4789	1	VALVE					
	9	225-4790	1	SPRING					
	10	225-4791	1	GUIDE					
	11	225-4792	1	PLUG					
	12	225-4793	1	VALVE GP					
	13	225-4796	1	PISTON					
	14	225-4797	1	VALVE GP					
	15	8T-6759	1	PLUG					
	16	225-4803	1	COVER					
	17	225-4804	6	PLUG					
	18	225-4821	2	PLUG					
B	19	225-4830	1	SHIM (T=1.0mm)					
B		225-4831	2	SHIM (T=0.5mm)					
B		225-4832	2	SHIM (T=0.2mm)					
B		225-4833	1	SHIM (T=0.1mm)					
	20	259-7788	1	GUIDE AS					
	21	4T-0987	1	BEARING					
	22	8T-4139	4	BOLT (L=30mm)					
	23	225-4844	1	BODY					
	24	7Y-5226	1	NUT					
Y	25	255-5662	1	VALVE GP					
	26	095-1594	2	SEAL-O-RING (ID=25.70mm)					
	27	095-1789	2	RING					
	28	122-7797	2	RING					
	29	2D-6642	1	BALL					
	30	3H-0442	1	SEAL-O-RING (ID=3.68mm)					
	31	3J-1907	2	SEAL-O-RING (ID=11.89mm)					
	32	6V-5326	2	SEAL-O-RING (ID=23.47mm)					
	33	4J-7533	6	SEAL-O-RING (ID=6.07mm)					
	34	3J-7354	2	SEAL-O-RING (ID=8.92mm)					

B—USE AS REQUIRED

Y—SEE SEPARATE ILLUSTRATION

HA0915E 04

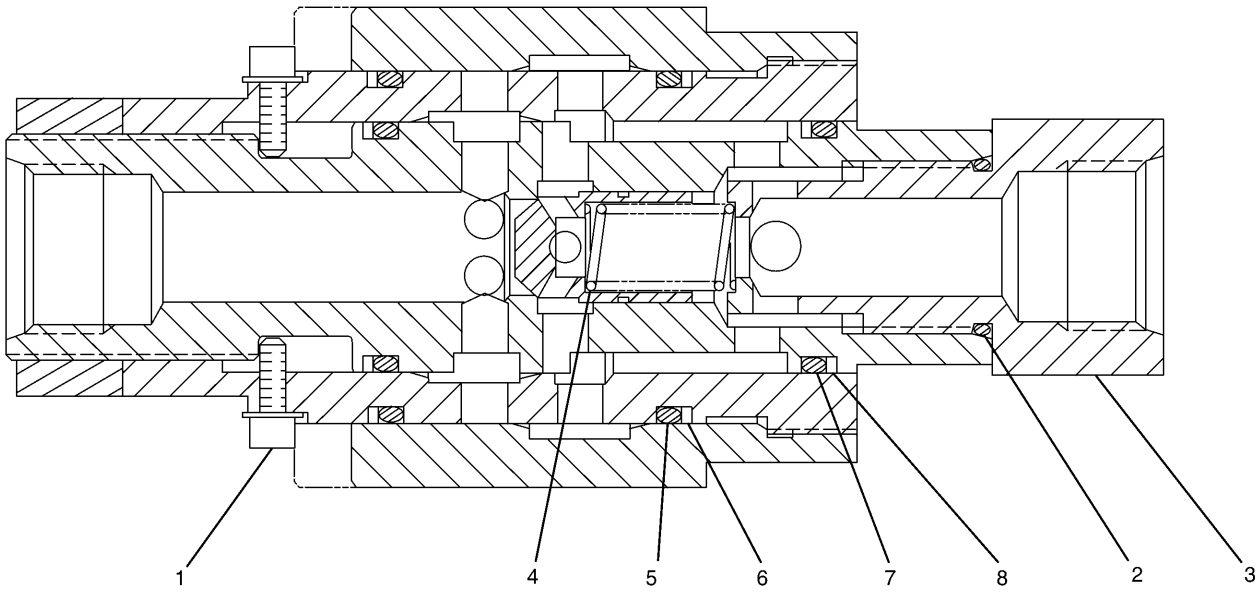
225-4843 VALVE GP-CHECK & RELIEF

S/N BWZ 1-Up, DFB 1-Up

Part of 262-3471-Page383

255-5662-Page574

An Attachment



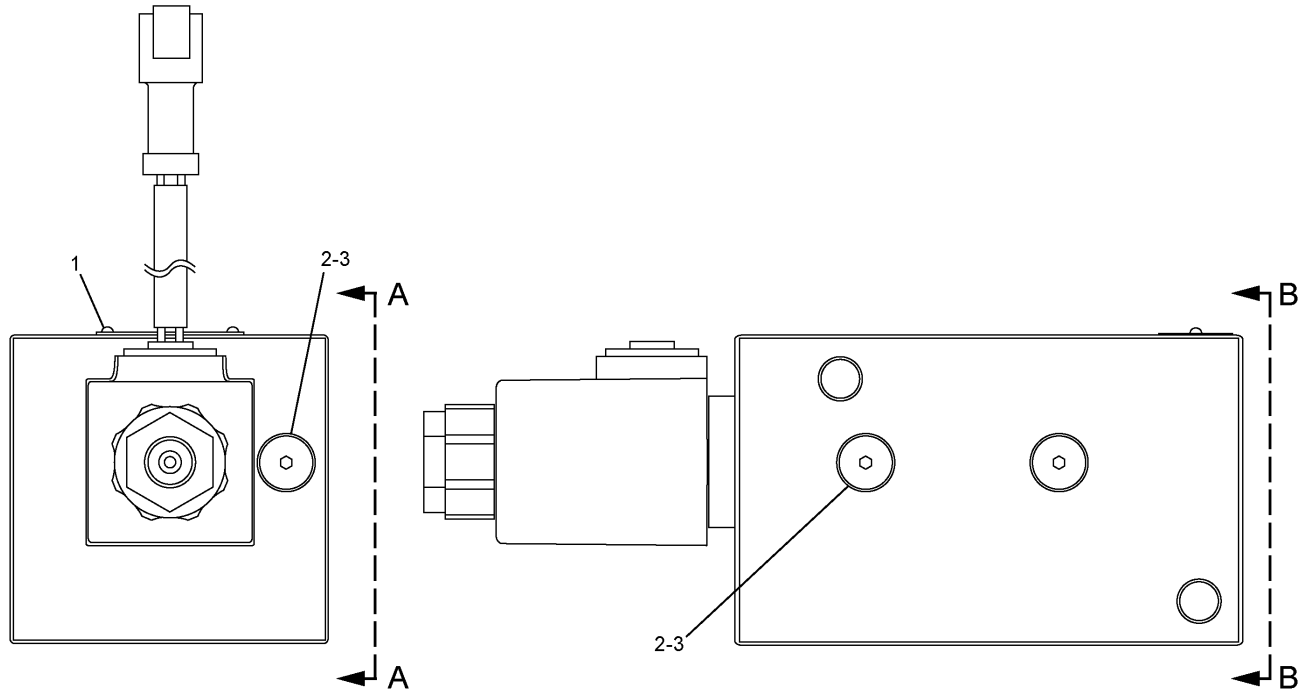
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	153-8630	2	BOLT					
	2	095-1596	1	SEAL-O-RING (ID=28.70mm)					
	3	153-8626	1	RETAINER					
	4	153-8627	1	SPRING					
	5	095-1707	2	SEAL-O-RING (ID=64.40mm)					
	6	153-8629	2	RING					
	7	095-1703	2	SEAL-O-RING (ID=44.40mm)					
	8	153-8628	2	RING					

H65627E 02

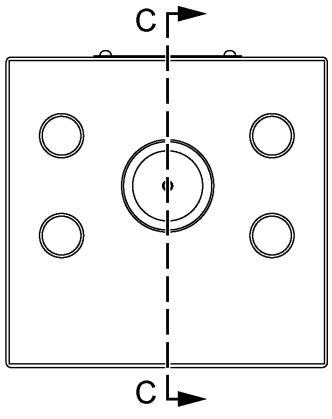
127-6844 VALVE GP-CHECK

Part of 179-5146-Page400,193-6588-Page403
An Attachment

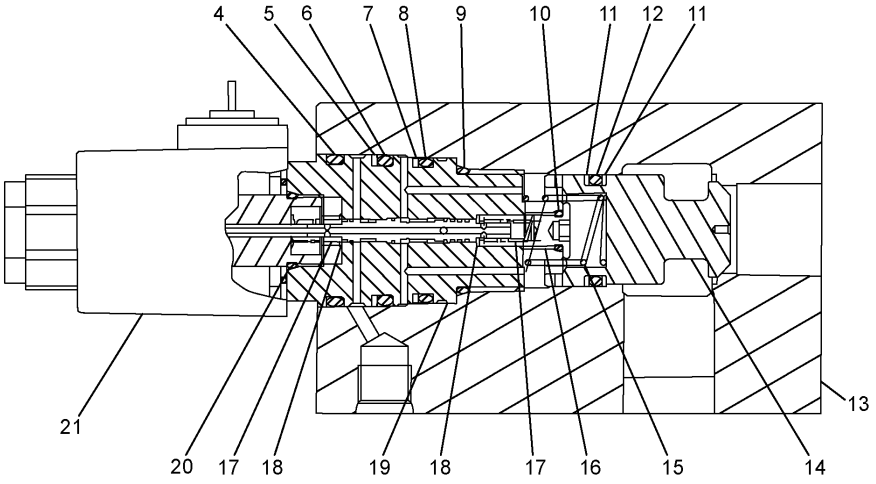
MEMORANDA



A – A



B – B



C – C

H96334E 00

297-0370 VALVE GP-CHECK
Part of 260-8008-Page491
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	197-0758	2	SCREW					
	2	225-4804	3	PLUG					
	3	4J-7533	3	SEAL-O-RING (ID=6.07mm)					
	4	095-1602	1	SEAL-O-RING (ID=35.70mm)					
	5	232-4113	1	RING					
	6	095-1601	1	SEAL-O-RING (ID=34.70mm)					
	7	8T-3008	1	RING					
	8	095-1700	1	SEAL-O-RING (ID=34.40mm)					
	9	7M-8485	1	SEAL-O-RING (ID=29.74mm)					
	10	095-1575	1	SEAL-O-RING (ID=7.80mm)					
	11	232-4114	2	RING					
	12	095-1657	1	SEAL-O-RING (ID=24.40mm)					
	13	297-0408	1	BODY					
	14	232-4110	1	PLUNGER					
	15	232-4111	1	SPRING					
	16	158-8284	1	PLUG					
	17	232-4112	2	SPRING					
	18	136-0156	2	WASHER					
	19	232-4117	1	SLEEVE AS					
	20	095-1585	1	SEAL-O-RING (ID=17.80mm)					
	21	297-0406	1	SOLENOID AS					

H96334E 00

297-0370 VALVE GP-CHECK

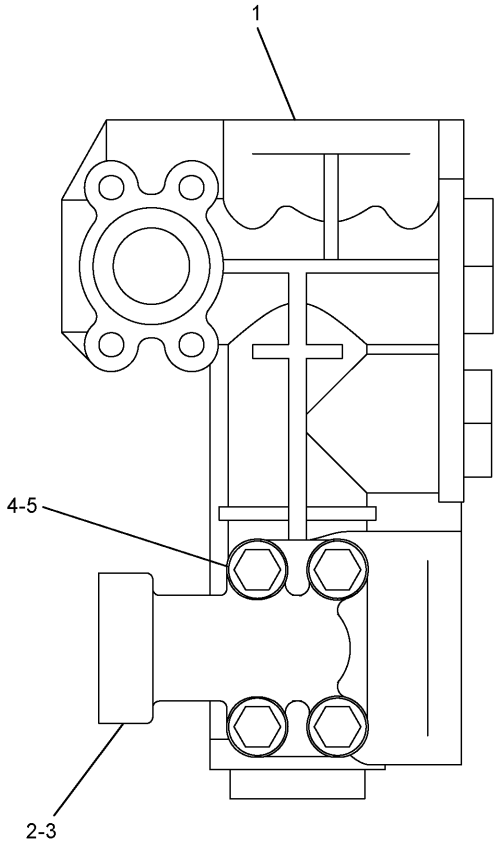
Part of 260-8008-Page491
An Attachment

Consists of :

			Page
1	297-0503	VALVE GP-CHECK.....	600.01
		-OR-	
1	297-0504	VALVE GP-CHECK.....	600.02

H96779E 01

297-0462 VALVE GP-CHECK
Part of 248-9846-Page485

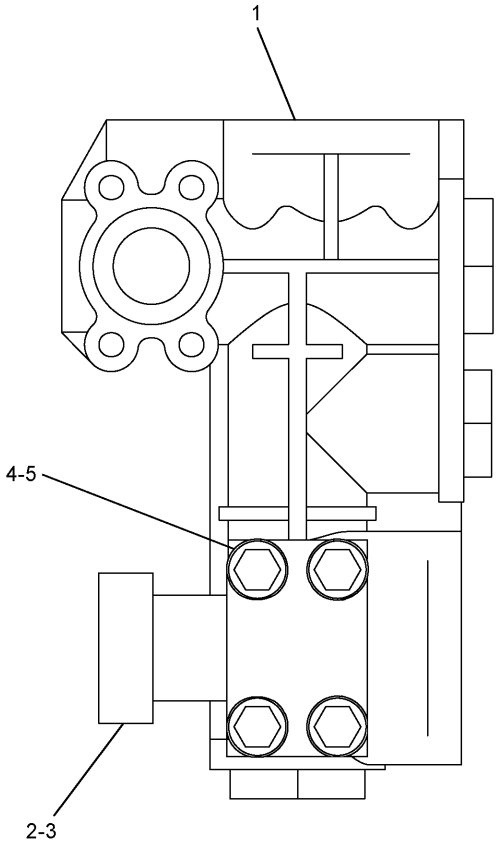


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	201-9329	1	VALVE GP					
	2	204-3796	1	PIPE AS					
	3	4J-0524	1	SEAL-O-RING (ID=47.22mm)					
	4	8T-4223	4	WASHER					
	5	8T-6868	4	BOLT (L=80mm)					

Y—SEE SEPARATE ILLUSTRATION

H96776E 00

297-0503 VALVE GP-CHECK
Part of 297-0462-Page600
201-9329-Page601



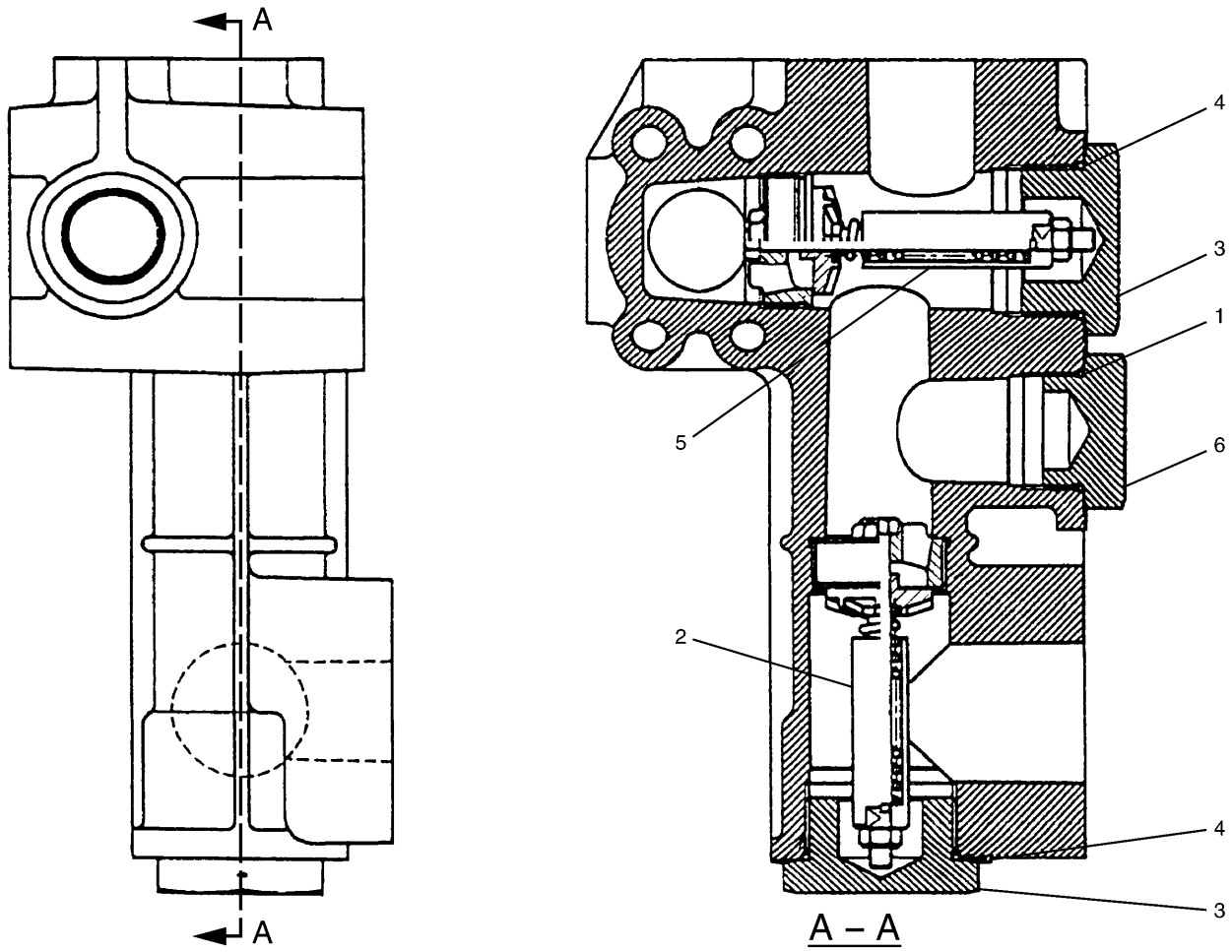
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	201-9329	1	VALVE GP					
	2	302-3196	1	PIPE AS					
	3	4J-0524	1	SEAL-O-RING (ID=47.22mm)					
	4	8T-4223	4	WASHER					
	5	8T-6868	4	BOLT (L=80mm)					

Y—SEE SEPARATE ILLUSTRATION

H96777E 00

297-0504 VALVE GP-CHECK

Part of 297-0462-Page600
201-9329-Page601



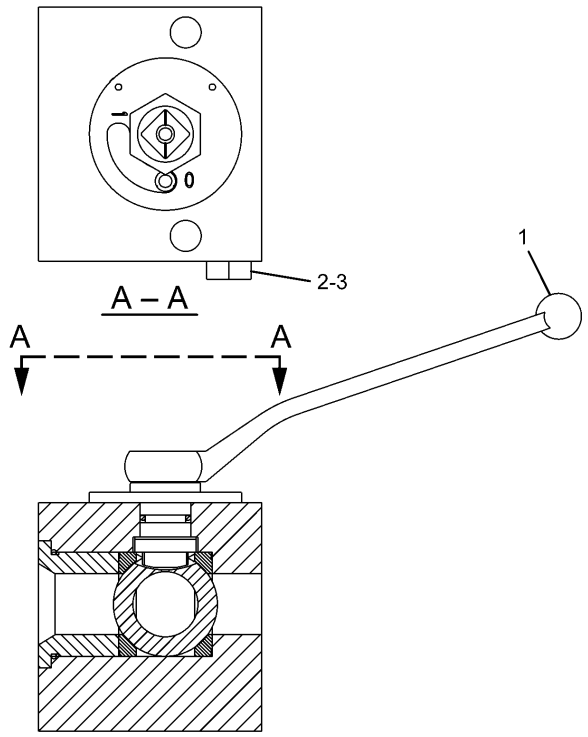
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2S-4078	1	SEAL-O-RING (ID=37.47mm)					
	2	184-3833	1	VALVE AS					
	3	190-7826	2	PLUG					
	4	095-1547	2	SEAL-O-RING (ID=49.70mm)					
	5	177-2713	1	VALVE AS					
	6	9S-6130	1	PLUG					

H77823E 00

201-9329 VALVE GP-CHECK

Part of 297-0503-Page600.01,297-0504-Page600.02

HYDRAULIC SYSTEM



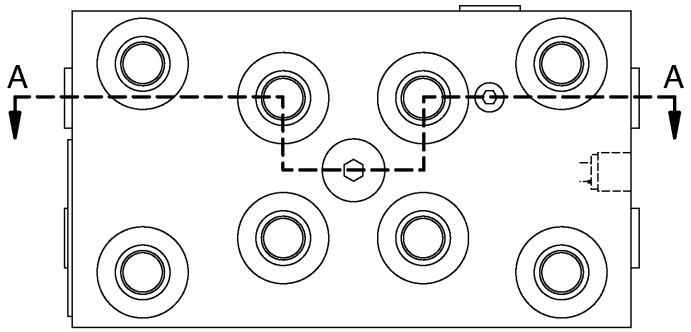
NOTE	No.	PART No.	QTY	PART NAME
	1	302-9466	1	HANDLE
	2	3J-1907	1	SEAL-O-RING (ID=11.89mm)
	3	9S-4191	1	PLUG

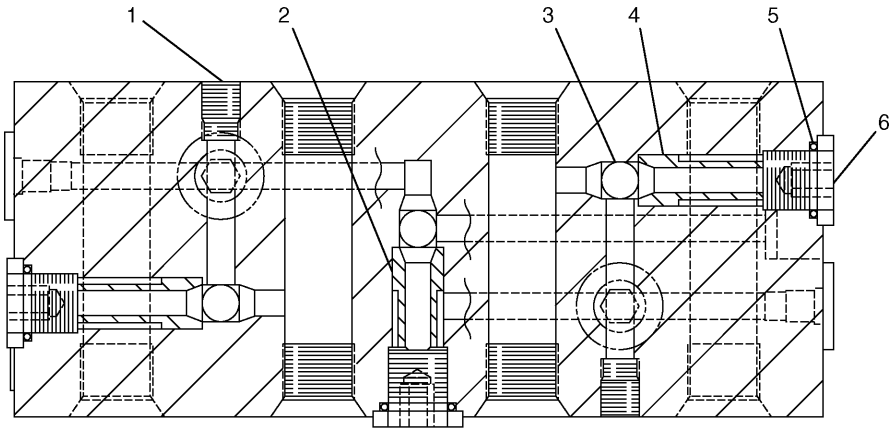
H97097E 01

277-0954 VALVE AS-BALL

Part of 242-6483-Page414,242-6487-Page415,237-3184-Page416

An Attachment



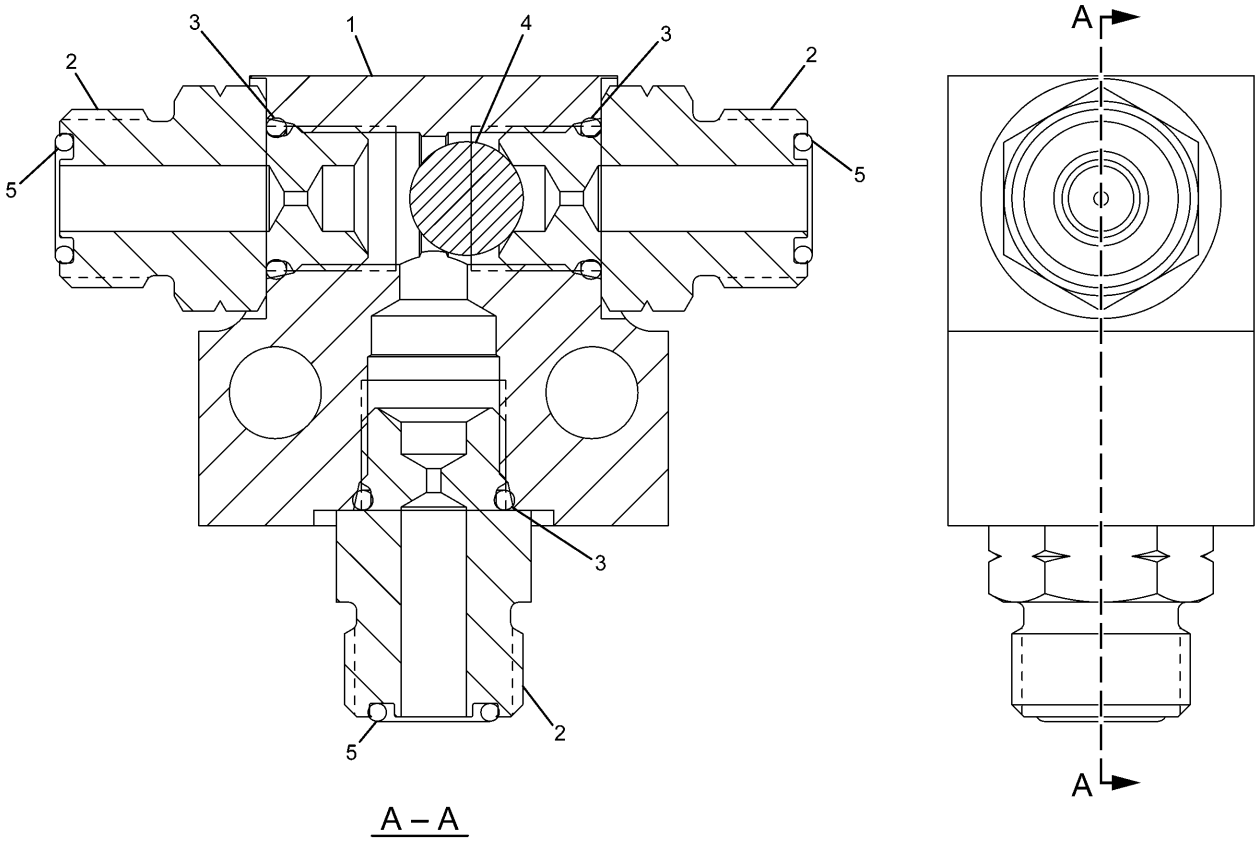


A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	71-8084	4	PLUG					
	2	185-0463	1	SEAT					
	3	4B-9880	7	BALL					
	4	165-9464	6	SEAT					
	5	095-1578	7	SEAL-O-RING (ID=9.80mm)					
	6	107-6479	7	PLUG					

H77601E 01

185-0462 VALVE GP-SHUTTLE
Part of 248-9825-Page451



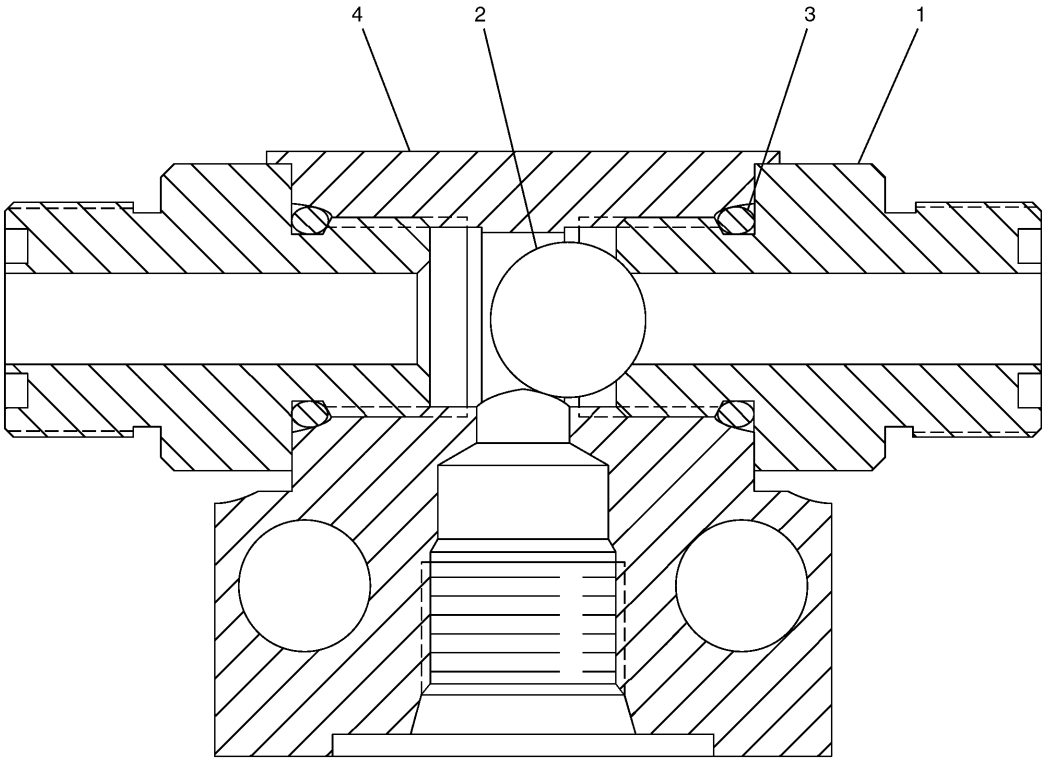
A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	123-2431	1	BODY					
	2	259-7733	3	CONNECTOR					
	3	3J-1907	3	SEAL-O-RING (ID=11.89mm)					
	4	4B-9783	1	BALL					
	5	6V-8397	3	SEAL-O-RING (OD=12.83mm)					

H93366E 00

259-7732 VALVE GP-SHUTTLE
Part of 248-9851-Page455

HYDRAULIC SYSTEM



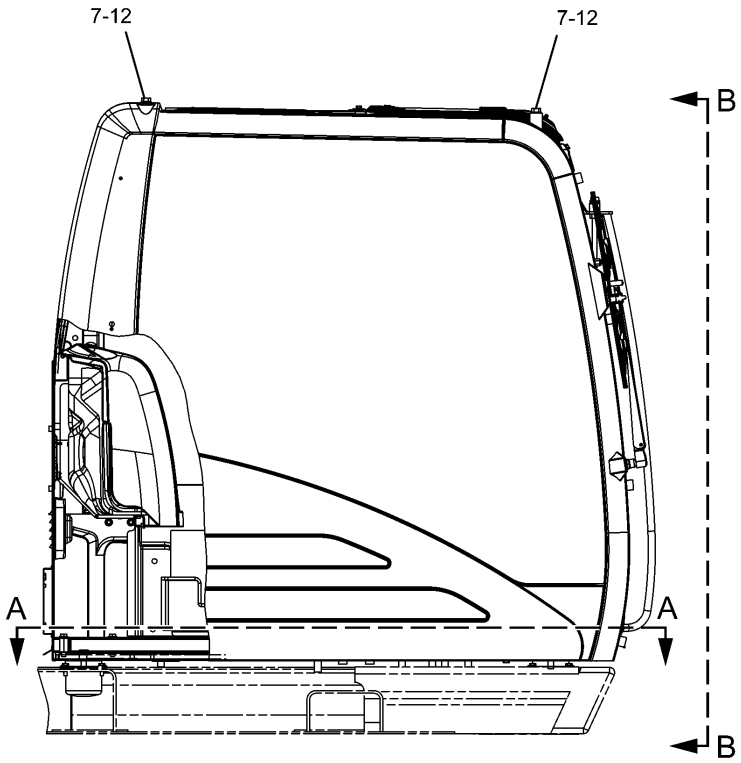
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	123-2552	2	CONNECTOR					
	2	4B-9783	1	BALL					
	3	3J-1907	2	SEAL-O-RING (ID=11.89mm)					
	4	123-2431	1	BODY					

H67282E 00

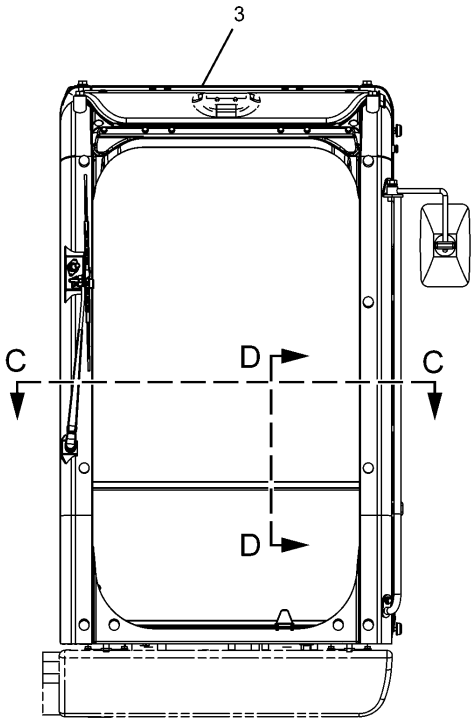
123-2430 VALVE GP-SHUTTLE

Part of 255-1802-Page464
An Attachment

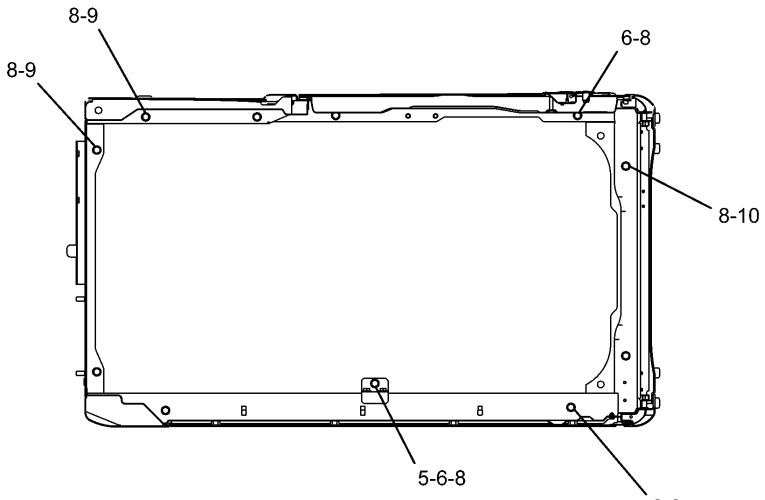
OPERATOR STATION



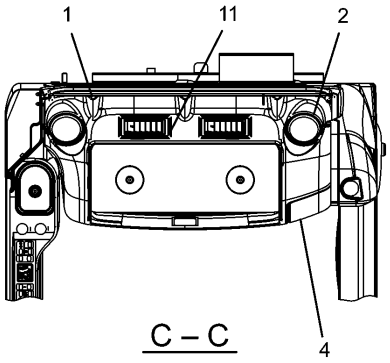
RIGHT SIDE VIEW



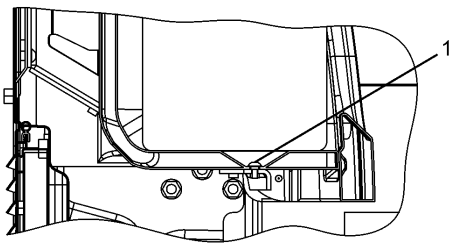
B – B



A – A



C – C



D – D

H90583E 03

229–9096 CAB GP
229–9097–Page610,234–6501–Page638
An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	128-2135	5	SCREW					
	2	164-8474	2	LOUVER AS					
Y	3	229-9097	1	CAB GP					
Y	4	234-6501	1	COVER GP					
	5	235-9001	1	SUPPORT					
	6	8T-4179	5	BOLT (L=20mm)					
	7	8T-4190	4	BOLT (L=25mm)					
	8	8T-4223	13	WASHER					
	9	8T-4910	6	BOLT (L=60mm)					
	10	8T-6868	2	BOLT (L=80mm)					
	11	8Y-6967	2	LOUVER AS					
	12	9X-8257	6	WASHER					

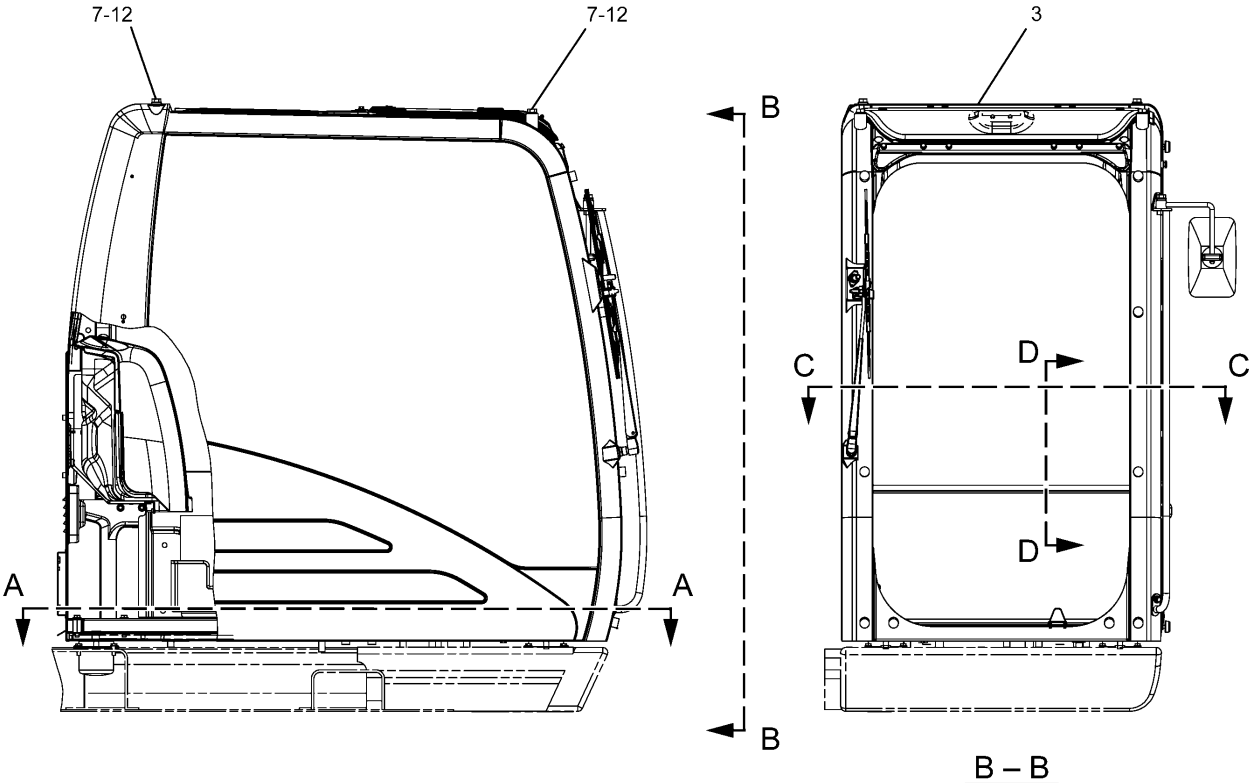
Y—SEE SEPARATE ILLUSTRATION

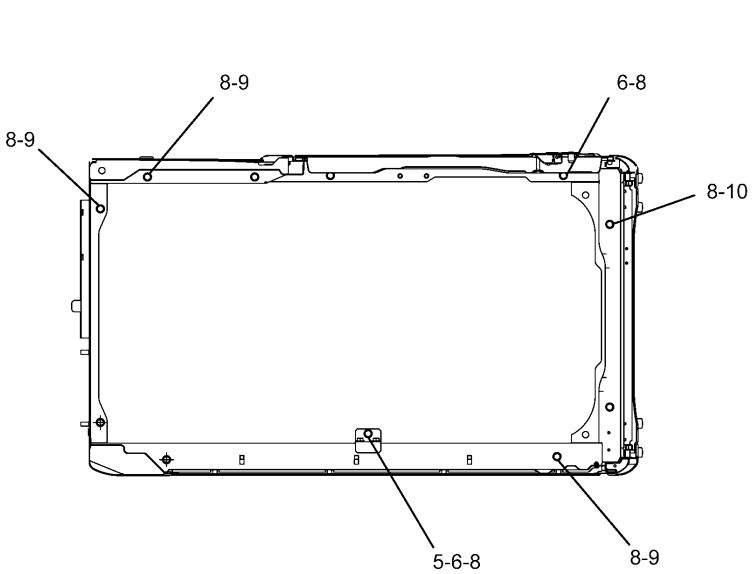
H90583E 03

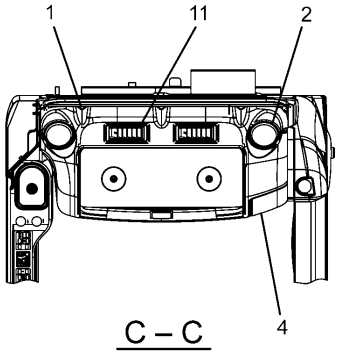
229-9096 CAB GP

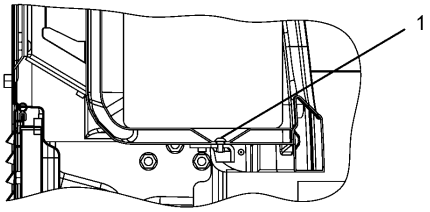
229-9097-Page610,234-6501-Page638
An Attachment

OPERATOR STATION









H90582E 02

229–9108 CAB GP
Metal Loof Hatch
S/N BWZ 1–Up, DFB 1–Up
229–9109–Page612,234–6501–Page638
An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	128-2135	5	SCREW					
	2	164-8474	2	LOUVER AS					
Y	3	229-9109	1	CAB GP					
Y	4	234-6501	1	COVER GP					
	5	235-9001	1	SUPPORT					
	6	8T-4179	5	BOLT (L=20mm)					
	7	8T-4190	4	BOLT (L=25mm)					
	8	8T-4223	13	WASHER					
	9	8T-4910	6	BOLT (L=60mm)					
	10	8T-6868	2	BOLT (L=80mm)					
	11	8Y-6967	2	LOUVER AS					
	12	9X-8257	6	WASHER					

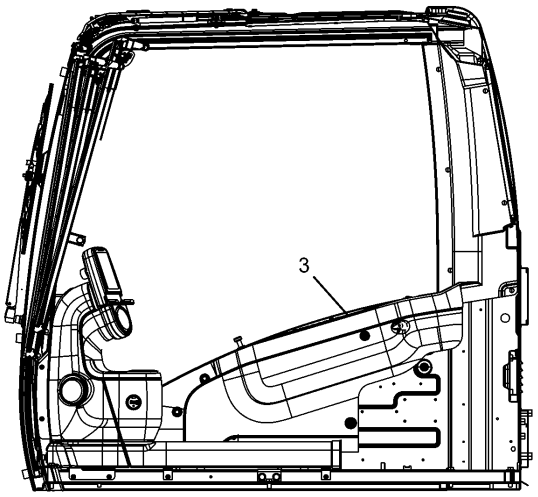
Y—SEE SEPARATE ILLUSTRATION

H90582E 02

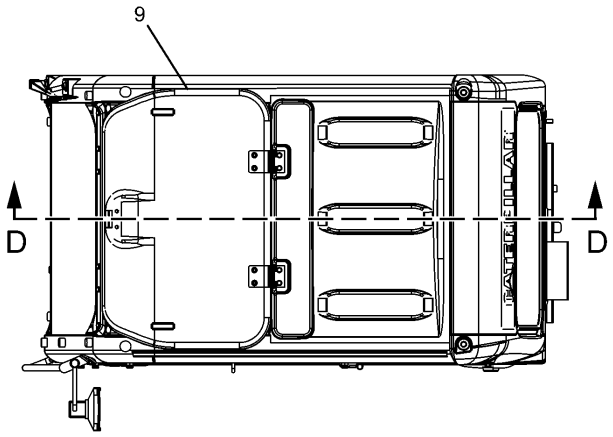
229-9108 CAB GP

Metal Loof Hatch
S/N BWZ 1-Up, DFB 1-Up
229-9109-Page612,234-6501-Page638
An Attachment

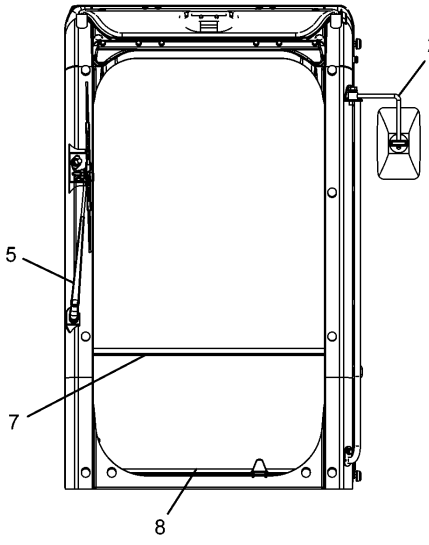
OPERATOR STATION



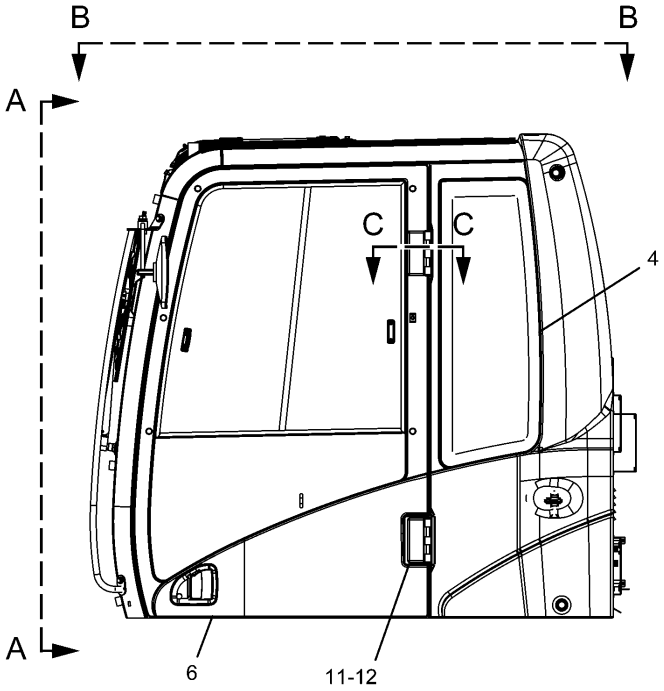
D – D



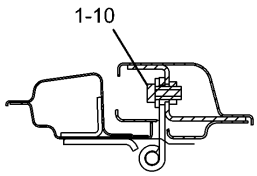
B – B



A – A



LEFT SIDE VIEW



C – C

H93553E 03

229–9097 CAB GP (BASIC)

Part of 229–9096–Page607

235–8908–Page614,235–8910–Page618,139–7100–Page622,139–7101–Page626,176–1958–Page628,235–8909–Page629 ,139–7099–Page632,234–6594–Page635

An Attachment

OPERATOR STATION

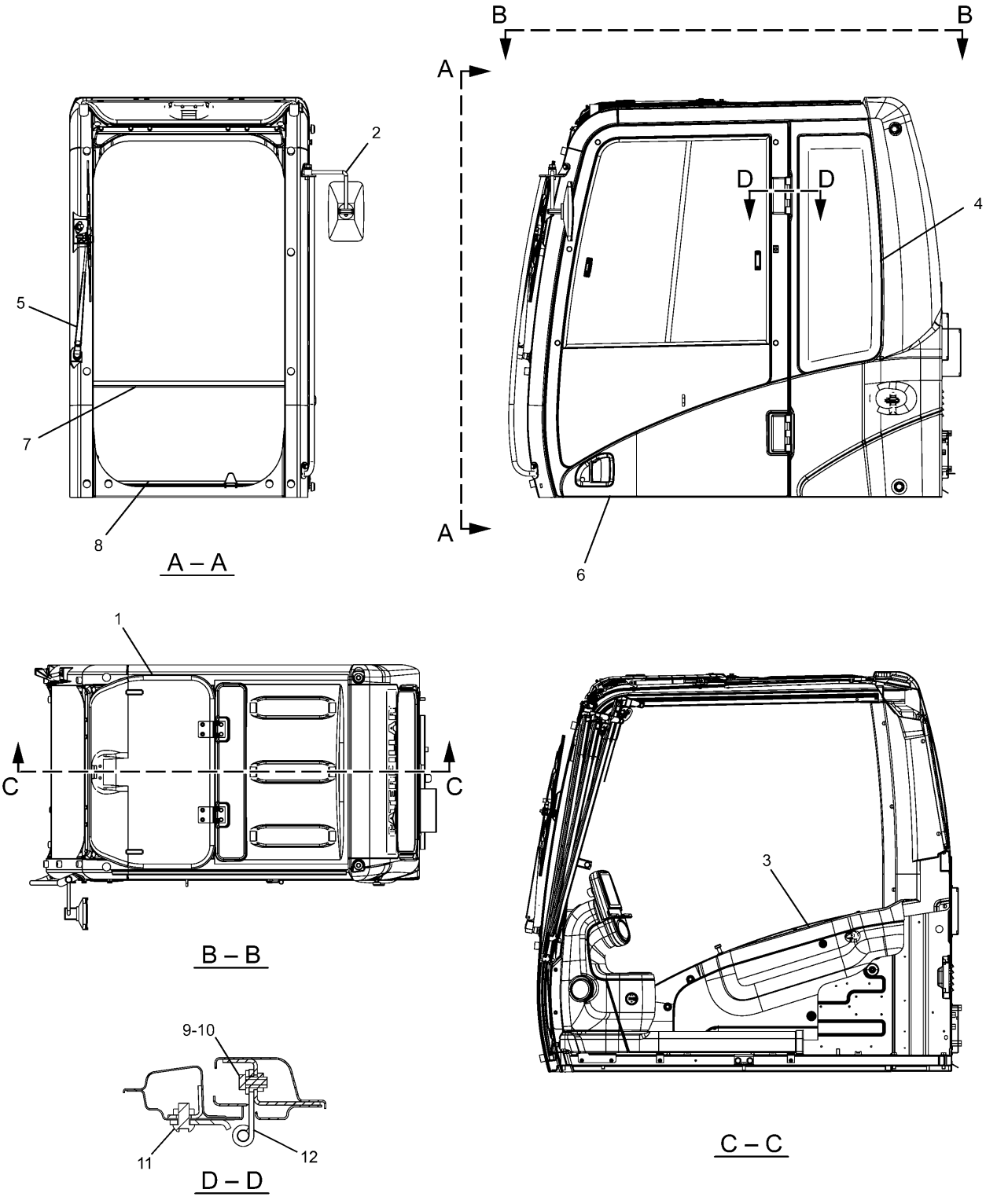
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	185-8182	6	BOLT (L=20mm)					
Y	2	235-8910	1	CAB GP					
Y	3	235-8908	1	CAB GP					
Y	4	235-8909	1	WINDOW GP					
Y	5	234-6594	1	WIPER GP					
Y	6	139-7100	1	DOOR GP					
Y	7	139-7101	1	WINDOW GP					
Y	8	176-1958	1	WINDOW GP					
Y	9	139-7099	1	HATCH GP					
	10	185-8187	6	WASHER					
	11	151-6777	2	HINGE					
	12	9X-2041	6	SCREW					

Y—SEE SEPARATE ILLUSTRATION

H93553E 03

229-9097 CAB GP (BASIC)

Part of 229-9096-Page607
235-8908-Page614,235-8910-Page618,139-7100-Page622,139-7101-Page626,176-1958-Page628,235-8909-Page629
,139-7099-Page632,234-6594-Page635
An Attachment



H93554E 03

229–9109 CAB GP (BASIC)
Metal Loof Hatch
S/N BWZ 1–Up, DFB 1–Up
Part of 229–9108–Page609
235–8917–Page616,235–8910–Page618,139–7100–Page622,139–7101–Page626,176–1958–Page628,235–8909–Page629
,259–7350–Page634,234–6594–Page635

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	259-7350	1	HATCH GP					
Y	2	235-8910	1	CAB GP					
Y	3	235-8917	1	CAB GP					
Y	4	235-8909	1	WINDOW GP					
Y	5	234-6594	1	WIPER GP					
Y	6	139-7100	1	DOOR GP					
Y	7	139-7101	1	WINDOW GP					
Y	8	176-1958	1	WINDOW GP					
	9	185-8182	6	BOLT (L=20mm)					
	10	185-8187	6	WASHER					
	11	9X-2041	6	SCREW					
	12	151-6777	2	HINGE					

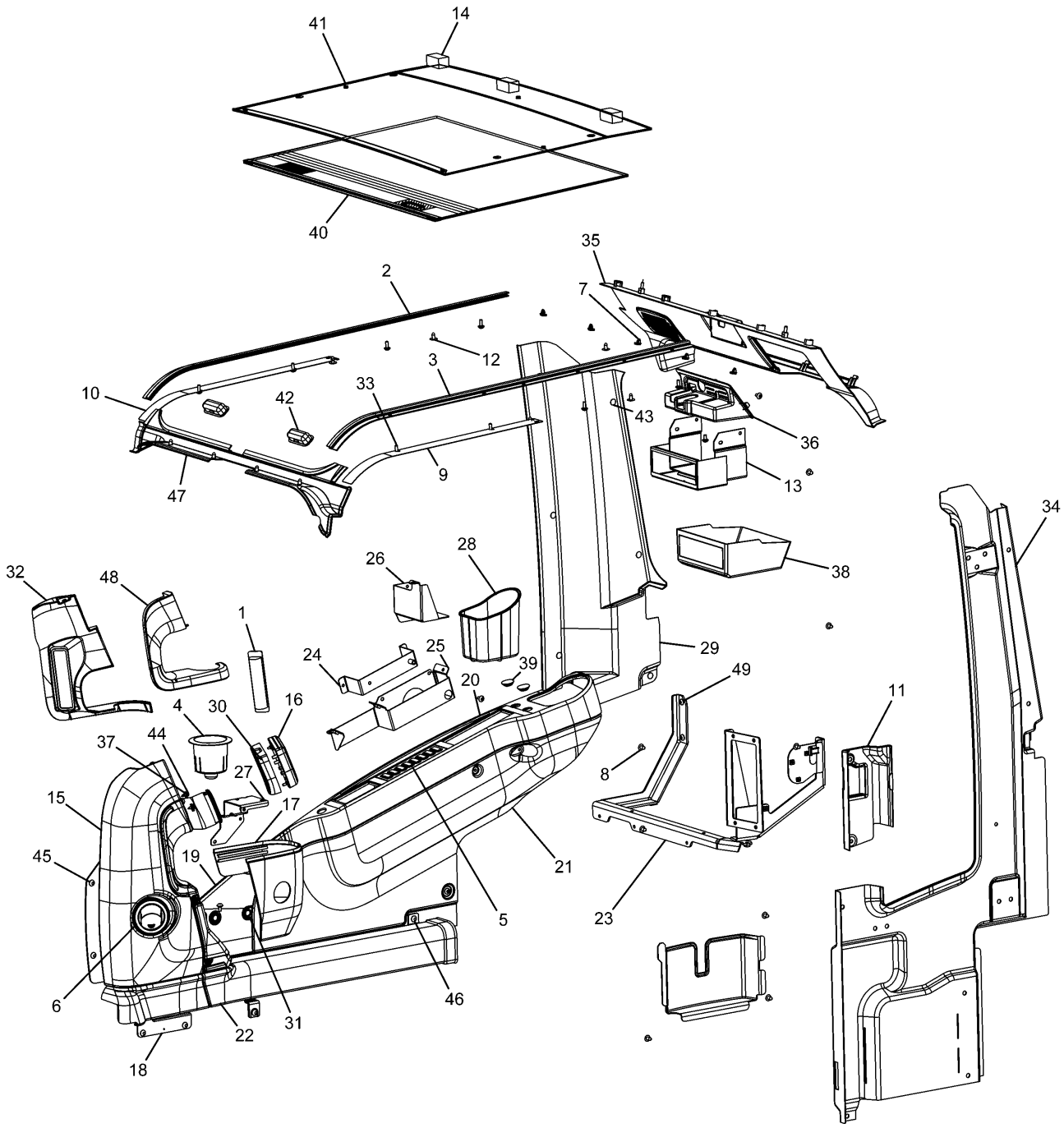
Y—SEE SEPARATE ILLUSTRATION

H93554E 03

229-9109 CAB GP (BASIC)

Metal Loof Hatch
S/N BWZ 1-Up, DFB 1-Up
Part of 229-9108-Page609
235-8917-Page616,235-8910-Page618,139-7100-Page622,139-7101-Page626,176-1958-Page628,235-8909-Page629
,259-7350-Page634,234-6594-Page635
An Attachment

OPERATOR STATION



H91590E 03

235-8908 CAB GP-INTERIOR
Part of 229-9097-Page611
An Attachment

OPERATOR STATION

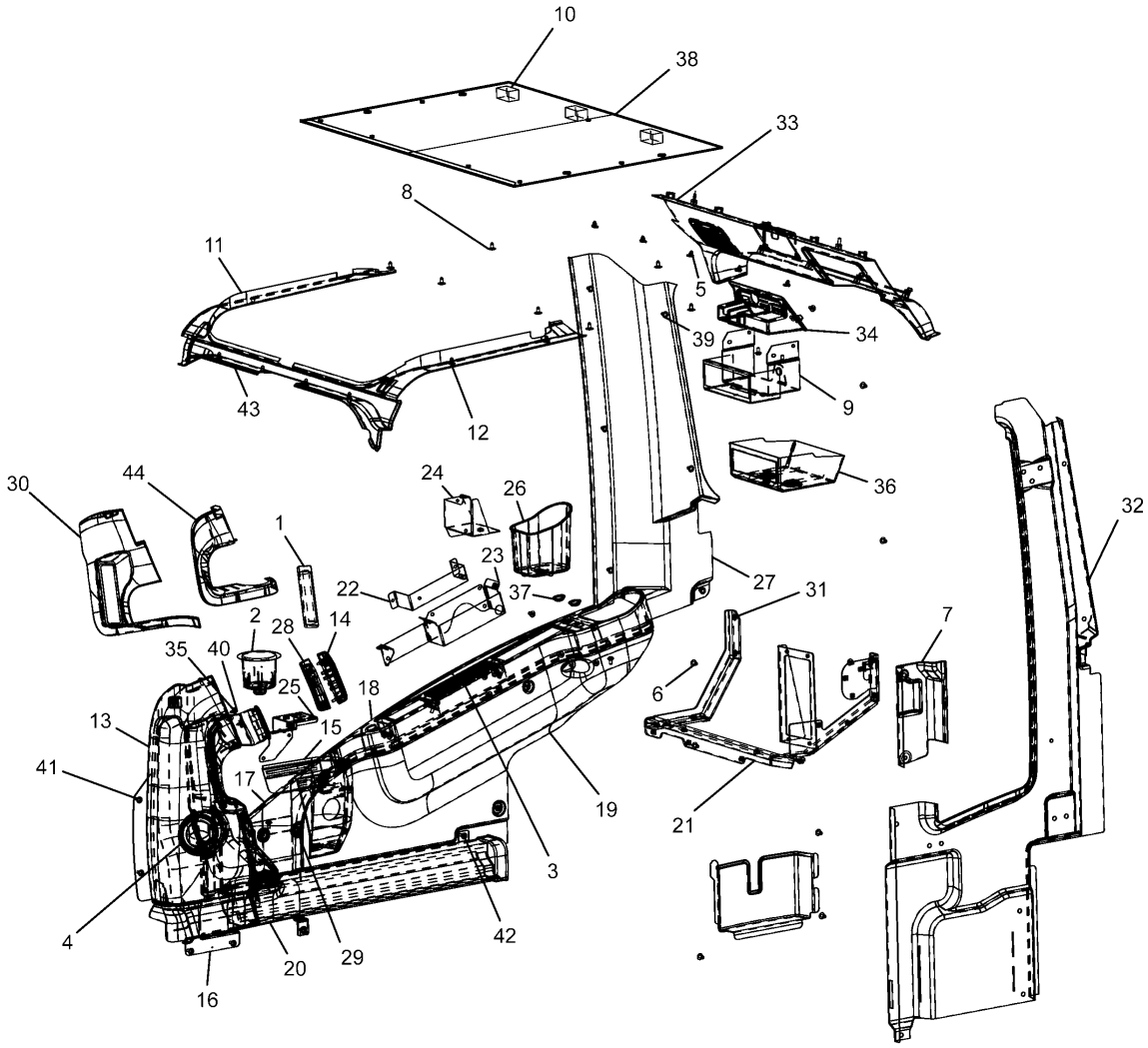
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8Y-6352	1	LOUVER AS					
	2	156-6656	1	RAIL					
	3	156-6657	1	RAIL					
	4	164-0646	1	CUP					
	5	164-0655	1	PANEL					
	6	164-8474	2	LOUVER AS					
	7	170-9724	5	CLIP					
	8	171-7420	6	CLIP					
	9	176-1946	1	PLATE					
	10	176-1947	1	PLATE					
	11	176-1972	1	COVER					
	12	185-8205	5	CLIP					
	13	185-8214	1	BRACKET AS					
	14	189-2678	3	SPACER					
	15	234-6468	1	COVER AS					
		259-7353	4	CLIP					
	16	234-6470	1	COVER					
	17	234-6471	1	COVER					
	18	234-6472	1	COVER					
	19	234-6473	1	COVER					
	20	234-6474	1	COVER					
	21	234-6475	1	COVER					
	22	234-6476	1	DUCT					
	23	234-6477	1	BRACKET AS					
	24	234-6478	1	BRACKET AS					
	25	234-6480	1	BRACKET AS					
	26	234-6483	1	BRACKET AS					
	27	234-6485	1	BRACKET AS					
	28	234-6490	1	CUP					
	29	234-6491	1	COVER					
	30	234-6497	1	COVER					
	31	234-6498	3	RIVET					
	32	234-6521	1	COVER					
	33	9X-2044	8	SCREW					
	34	234-6548	1	COVER					
	35	234-6549	1	COVER					
	36	234-6550	1	COVER					
	37	234-6579	2	NUT					
	38	235-8922	1	COVER					
	39	235-8923	2	CAP					
	40	235-8926	1	VISOR					
	41	235-8928	1	LINER					
	42	235-8929	2	HANDLE					
	43	235-8950	12	CLIP					
	44	245-7790	2	SCREW					
	45	128-2135	13	SCREW					
	46	128-2136	1	SCREW					
	47	189-2855	1	COVER					
	48	234-6469	1	COVER					
	49	9X-2042	23	SCREW					

H91590E 03

235-8908 CAB GP-INTERIOR

Part of 229-9097-Page611
An Attachment

OPERATOR STATION



H91318E 02

235-8917 CAB GP-INTERIOR

Metal Loof Hatch
S/N BWZ 1-Up, DFB 1-Up
Part of 229-9109-Page613
An Attachment

OPERATOR STATION

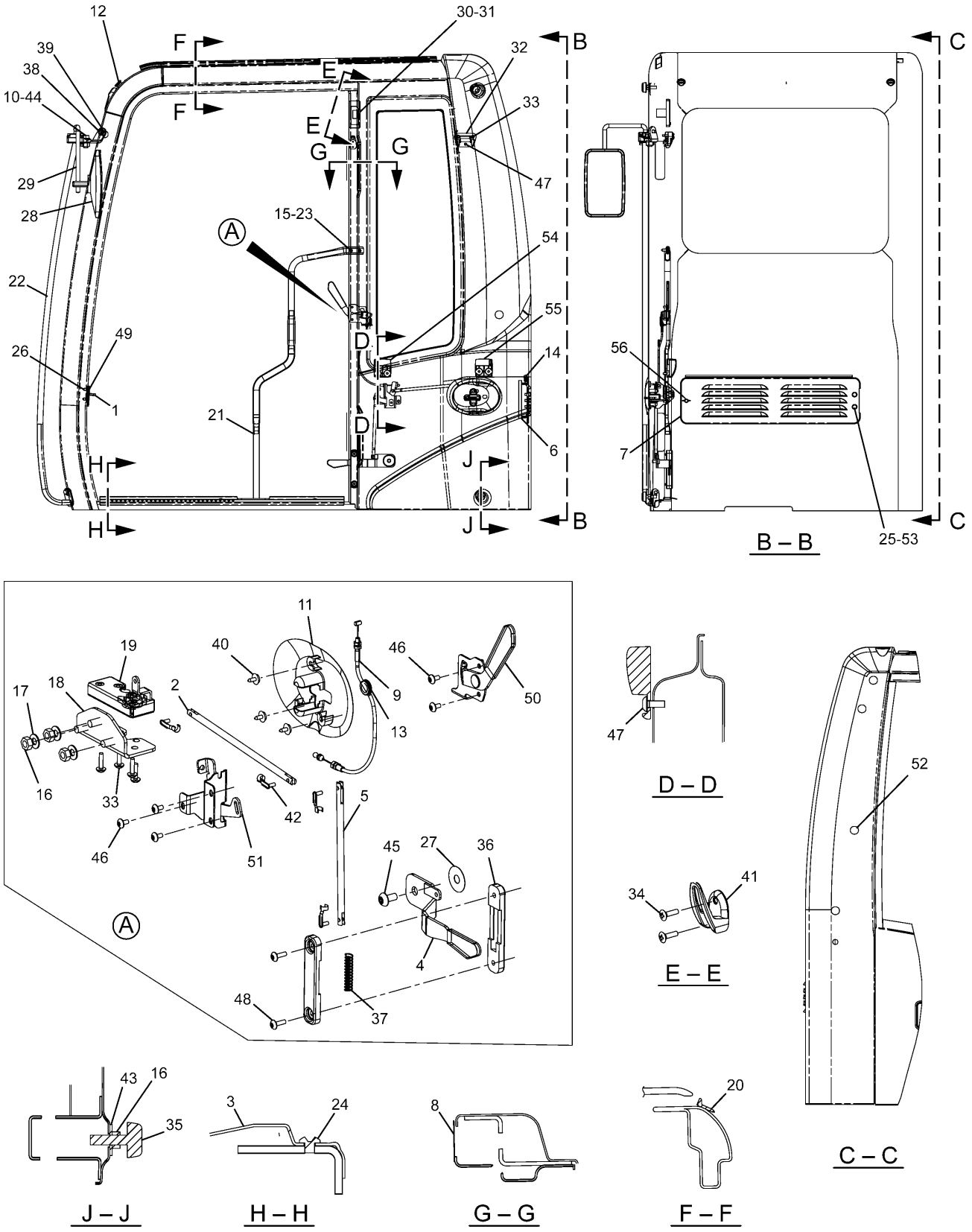
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8Y-6352	1	LOUVER AS					
	2	164-0646	1	CUP					
	3	164-0655	1	PANEL					
	4	164-8474	2	LOUVER AS					
	5	170-9724	5	CLIP					
	6	171-7420	10	CLIP					
	7	176-1972	1	COVER					
	8	185-8205	7	CLIP					
	9	185-8214	1	BRACKET AS					
	10	189-2678	3	SPACER					
	11	189-2853	1	COVER					
	12	189-2854	1	COVER					
	13	234-6468	1	COVER AS					
		259-7353	4	CLIP					
	14	234-6470	1	COVER					
	15	234-6471	1	COVER					
	16	234-6472	1	COVER					
	17	234-6473	1	COVER					
	18	234-6474	1	COVER					
	19	234-6475	1	COVER					
	20	234-6476	1	DUCT					
	21	234-6477	1	BRACKET AS					
	22	234-6478	1	BRACKET AS					
	23	234-6480	1	BRACKET AS					
	24	234-6483	1	BRACKET AS					
	25	234-6485	1	BRACKET AS					
	26	234-6490	1	CUP					
	27	234-6491	1	COVER					
	28	234-6497	1	COVER					
	29	234-6498	3	RIVET					
	30	234-6521	1	COVER					
	31	9X-2042	23	SCREW					
	32	234-6548	1	COVER					
	33	234-6549	1	COVER					
	34	234-6550	1	COVER					
	35	234-6579	2	NUT					
	36	235-8922	1	COVER					
	37	235-8923	2	CAP					
	38	235-8930	1	LINER					
	39	235-8950	12	CLIP					
	40	245-7790	2	SCREW					
	41	128-2135	13	SCREW					
	42	128-2136	1	SCREW					
	43	189-2855	1	COVER					
	44	234-6469	1	COVER					

H91318E 02

235-8917 CAB GP-INTERIOR

Metal Loof Hatch
S/N BWZ 1-Up, DFB 1-Up
Part of 229-9109-Page613
An Attachment

OPERATOR STATION



H93598E 08

235-8910 CAB GP-EXTERIOR

Skylight

Part of 229-9097-Page611,229-9109-Page613
164-0528,176-1939-Page620,259-7295-Page621

An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	156-6599	1	STRIKER		54	139-7126	1	HOLDER
	2	161-3685	1	ROD		55	139-7127	1	HOLDER
	3	161-3697	1	GUARD		56	284-4426	1	BOLT
	4	164-0523	1	LEVER AS					
	5	164-0527	1	ROD					
E	6	6I-5470		SEAL…(150cm)					
	7	167-7018	1	COVER AS					
	8	167-7042	2	SEAL					
	9	171-7426	1	CABLE AS					
	10	9X-8257	1	WASHER					
	11	176-1942	1	COVER					
	12	178-5570	2	GROMMET					
	13	185-8196	1	GROMMET					
	14	189-2704	1	SEAL					
	15	189-2864	2	SCREW					
	16	189-3396	5	NUT					
	17	4B-4278	3	WASHER					
	18	201-4530	1	BRACKET AS					
	19	205-6295	1	LATCH AS					
	20	210-5808	1	SEAL					
	21	235-8912	1	HANDLE AS					
	22	235-8933	1	HANDLE AS					
	23	085-6452	2	WASHER					
	24	099-0823	3	SCREW					
	25	8T-4200	2	BOLT (L=16mm)					
	26	127-0580	2	SCREW					
	27	133-8016	1	PACKING					
	28	156-6617	1	MIRROR					
Y	29	259-7295	1	MOUNTING GP					
	30	176-1986	1	LIGHT					
	31	201-4417	1	BULB					
	32	4I-4270	1	HOLDER					
	33	3E-8020	6	SCREW					
	34	095-0755	2	SCREW					
	35	4I-1205	2	BUMPER					
	36	4I-1206	2	GUIDE					
	37	4I-3063	1	SPRING					
	38	8T-4137	2	BOLT (L=20mm)					
	39	4I-3144	2	WASHER					
	40	4I-4392	3	CLIP					
	41	5C-7793	1	HOOK					
	42	6V-7636	4	PIN AS					
	43	7X-0578	2	WASHER					
	44	8T-4779	1	BOLT (L=35mm)					
	45	9X-2041	1	SCREW					
	46	9X-2042	5	SCREW					
	47	9X-2044	5	SCREW					
	48	9X-2045	2	SCREW					
	49	1R-5998	2	LOCKWASHER					
Y	50	164-0528	1	LEVER AS					
Y	51	176-1939	1	LEVER AS					
	52	4I-3090	4	SEAL					
	53	8T-4224	2	WASHER					

E—ORDER BY THE CENTIMETER

Y—SEE SEPARATE ILLUSTRATION

H93598E 08

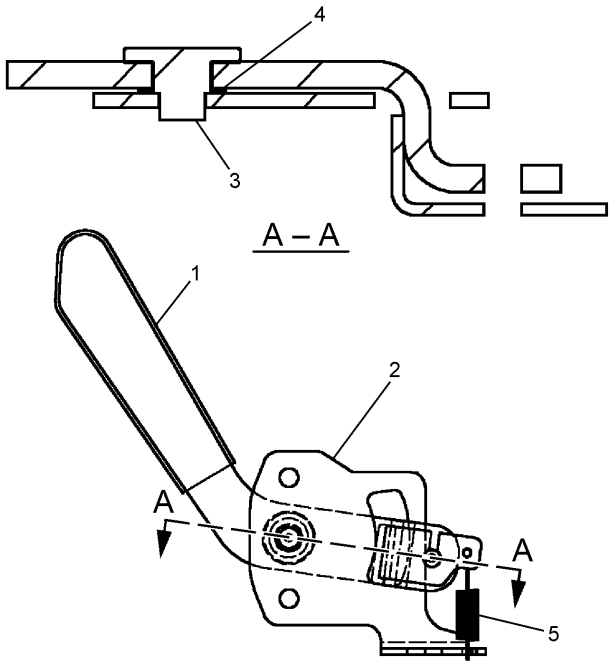
235-8910 CAB GP-EXTERIOR

Skylight

Part of 229-9097-Page611,229-9109-Page613
164-0528,176-1939-Page620,259-7295-Page621

An Attachment

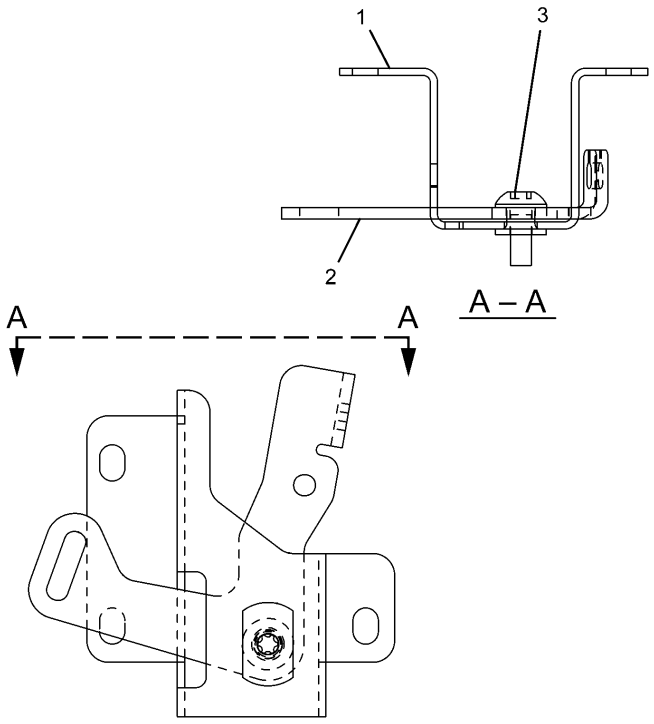
OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME
	1	156-6642	1	LEVER AS
	2	164-0664	1	BRACKET
	3	176-1941	1	PIN
	4	185-8280	1	WASHER
	5	185-8281	1	SPRING

H87920E 02

164-0528 LEVER AS
Part of 235-8910-Page619
An Attachment

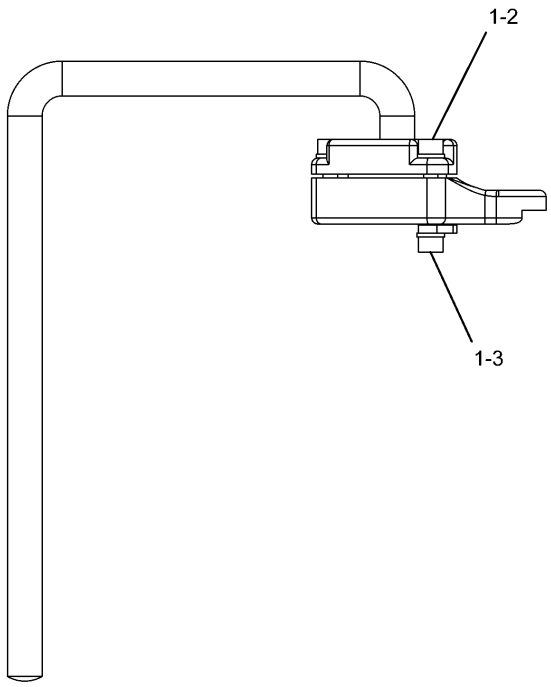


NOTE	No.	PART No.	QTY	PART NAME
	1	176-1937	1	BRACKET AS
	2	176-1938	1	LEVER
	3	9X-2044	1	SCREW

H91144E 01

176-1939 LEVER AS
Part of 235-8910-Page619
An Attachment

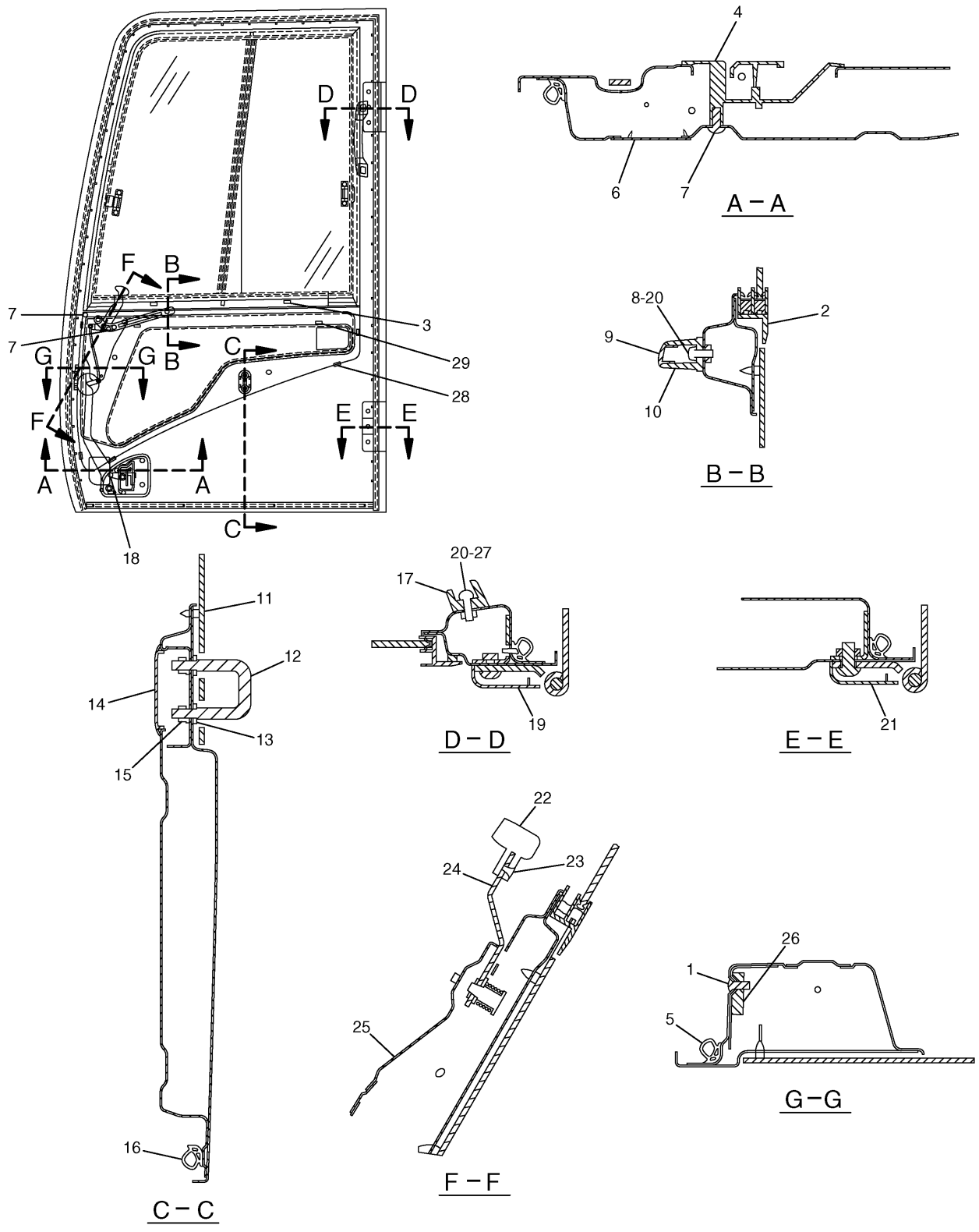
OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME
	1	2U-2552	5	LOCKWASHER
	2	6V-5683	3	BOLT (L=16mm)
	3	9X-6153	2	BOLT (L=10mm)

H89491E 00

259-7295 MOUNTING GP
Mirror
Part of 235-8910-Page619
An Attachment



H93559E 06

139–7100 DOOR GP–CAB

Part of 229–9097–Page611,229–9109–Page613,189–2768–Page624
151–6792–Page625
An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	185-8180	3	SCREW					
Y	2	151-6792	1	WINDOW GP					
	3	151-9461	4	SPACER					
	4	156-6645	1	HANDLE AS					
		201-4391	1	CLIP					
	5	161-3663	1	SEAL AS					
		151-9497	45	CLIP					
	6	259-7354	1	COVER					
	7	9X-2042	8	SCREW					
	8	095-0742	2	SCREW					
	9	151-6704	2	CAP					
	10	151-6703	1	HANDLE					
	11	156-6471	1	GLASS					
	12	156-6598	1	HOOK					
	13	8T-4224	2	WASHER					
	14	167-7039	1	GROMMET					
	15	096-3884	2	NUT					
	16	161-3665	1	SEAL					
	17	189-2690	1	HANDLE					
	18	164-0515	1	JOINT					
	19	156-6643	1	COVER					
	20	095-0827	4	LOCKWASHER					
	21	156-6644	1	COVER					
	22	4I-4286	1	KNOB					
	23	096-2622	2	SCREW					
	24	161-3639	1	HANDLE AS					
	25	161-3650	1	COVER AS					
	26	156-6600	1	LOCK AS					
		164-0514	1	CLIP					
		164-0519	1	CLIP					
	27	8T-6412	2	SCREW					
	28	178-5573	4	SPACER					
	29	178-5574	2	SPACER					

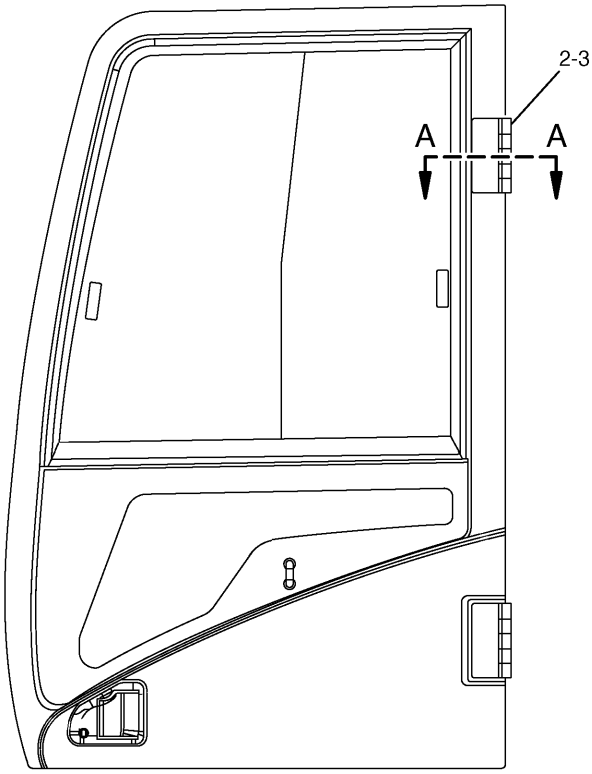
Y—SEE SEPARATE ILLUSTRATION

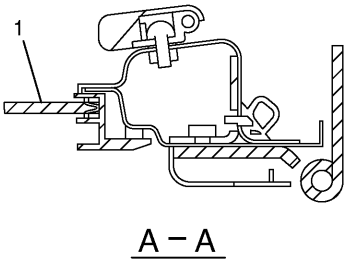
H93559E 06

139-7100 DOOR GP-CAB

Part of 229-9097-Page611,229-9109-Page613,189-2768-Page624
151-6792-Page625
An Attachment

OPERATOR STATION





A – A

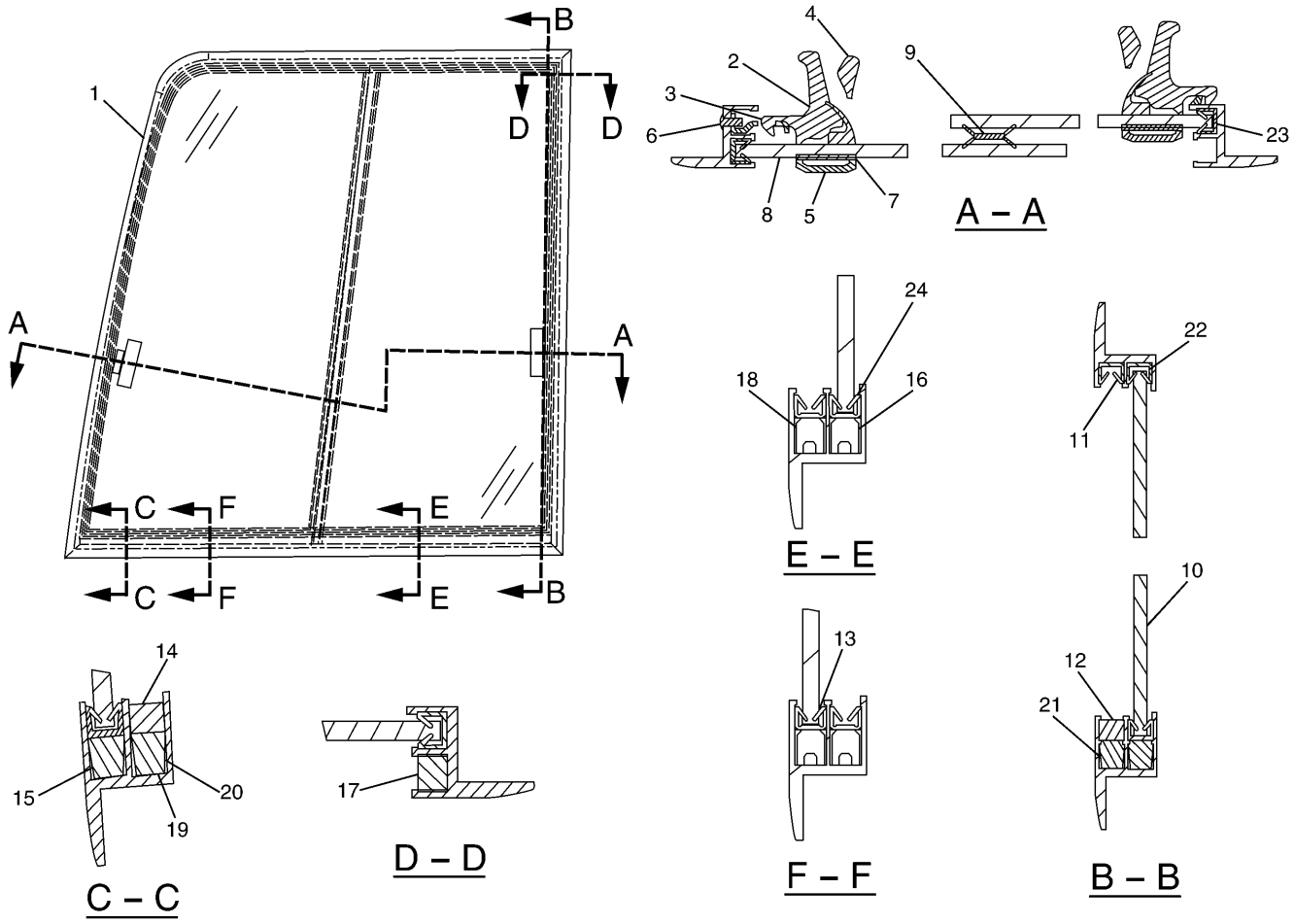
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	139-7100	1	DOOR GP					
	2	151-6777	2	HINGE					
	3	9X-2041	6	SCREW					

Y—SEE SEPARATE ILLUSTRATION

H84456E 01

189-2768 DOOR GP-CAB
139-7100-Page622
An Attachment

OPERATOR STATION



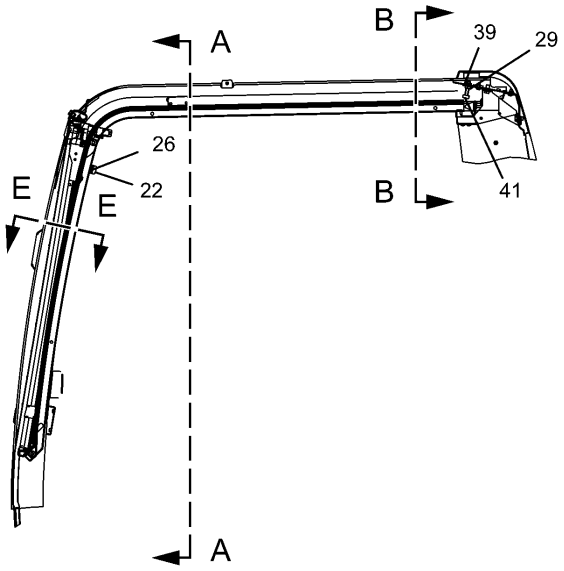
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	151-6793	1	FRAME AS		19	176-1952	1	SPACER
		41-4300	1	CATCH		20	176-1953	1	STOPPER
		099-0139	3	RIVET		21	176-1954	1	RUBBER
	2	085-6444	2	LOCK AS		22	176-1955	1	SEAL
	3	085-6445	1	LOCK		23	176-1956	1	SEAL
	4	085-6446	1	LOCK		24	176-1957	1	SEAL
	5	085-6447	1	RETAINER					
	6	085-6448	1	SCREW					
	7	085-6449	1	PACKING					
	8	156-6475	1	GLASS					
	9	161-3705	1	SEAL					
	10	156-6474	1	GLASS					
	11	151-6841	1	SEAL					
	12	164-0516	1	RUBBER					
	13	161-3695	1	SEAL					
	14	164-0518	1	RUBBER					
	15	171-7413	1	SPACER					
	16	171-7414	1	SPACER					
	17	164-0517	1	RUBBER					
	18	176-1951	1	SPACER					

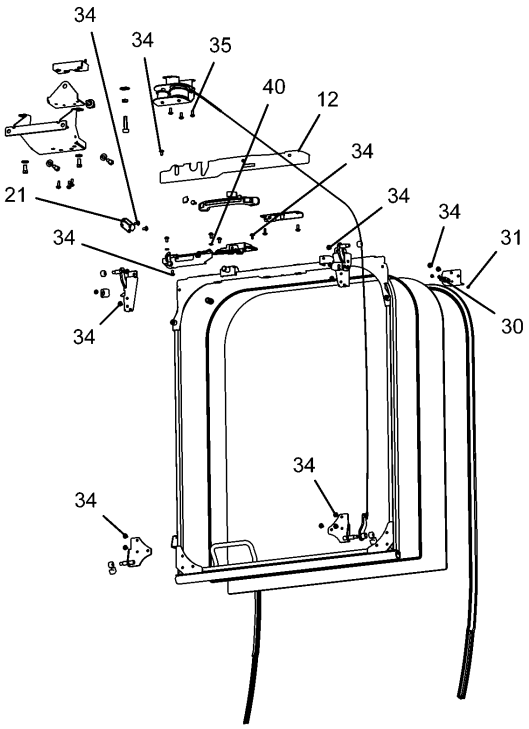
H78640E 03

151-6792 WINDOW GP-DOOR

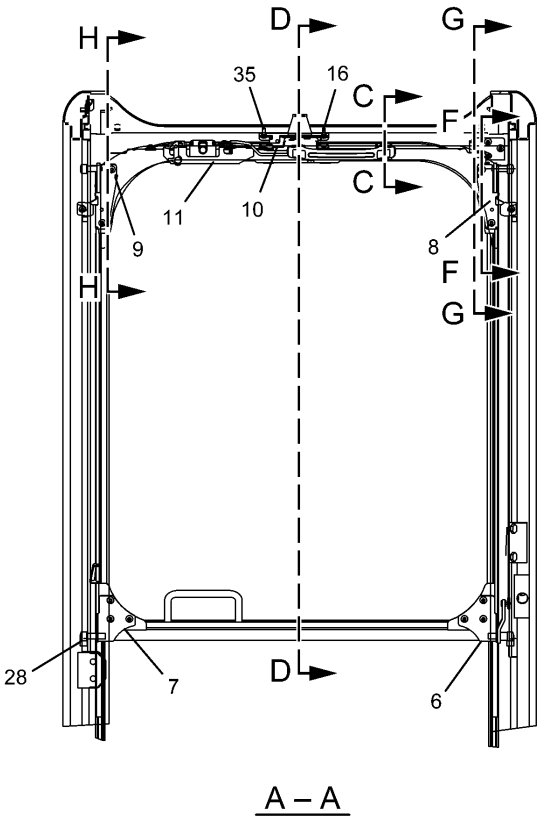
Part of 139-7100-Page623
An Attachment

OPERATOR STATION

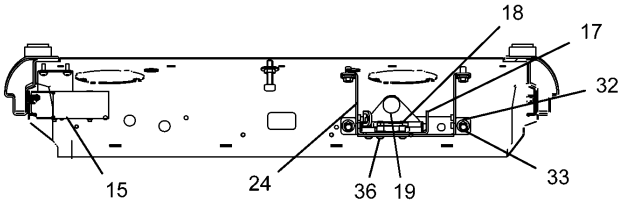




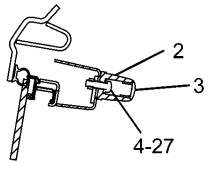
PICTORIAL VIEW



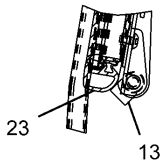
A – A



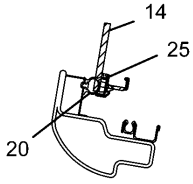
B – B



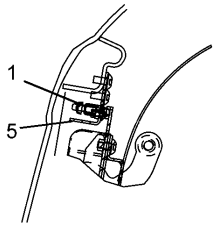
C – C



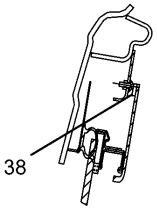
D – D



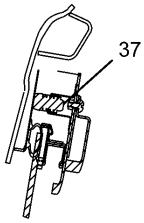
E – E



F – F



G – G



H – H

H93574E 06

139-7101 WINDOW GP

Part of 229-9097-Page611,229-9109-Page613
An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	117-6306	1	SWITCH					
	2	151-6703	1	HANDLE					
	3	151-6704	2	CAP					
	4	095-0827	2	LOCKWASHER					
	5	151-6785	1	BRACKET AS					
	6	151-6813	1	BRACKET AS					
	7	151-6815	1	BRACKET AS					
	8	273-5345	1	LINK AS					
	9	273-5346	1	LINK AS					
	10	151-6831	1	LOCK AS					
	11	151-6832	1	LEVER AS					
	12	151-6844	1	COVER					
	13	151-9557	2	STOPPER					
	14	156-6472	1	GLASS					
	15	156-6554	1	CABLE AS					
	16	156-6555	1	STRIKER AS					
	17	156-6562	1	BRACKET					
	18	273-5274	1	CATCH AS					
	19	156-6579	1	STOPPER					
	20	156-6601	1	SEAL AS					
	21	156-6627	1	STOPPER AS					
	22	161-3684	2	STOPPER					
	23	161-3698	1	SEAL					
	24	164-0648	1	BRACKET AS					
	25	170-9722	1	CUSHION					
	26	099-0823	2	SCREW					
	27	8T-6412	2	SCREW					
	28	151-9576	4	ROLLER					
	29	185-8197	1	NUT					
	30	185-8181	2	SCREW					
	31	185-8183	1	NUT					
	32	185-8187	4	WASHER					
	33	185-8182	4	BOLT (L=20mm)					
	34	9X-2042	20	SCREW					
	35	9X-2044	5	SCREW					
	36	9X-2045	3	SCREW					
	37	185-8221	1	STOPPER					
	38	4I-0420	1	STRIP					
	39	7X-0578	1	WASHER					
	40	9X-8256	2	WASHER					
	41	178-5576	1	STOPPER					

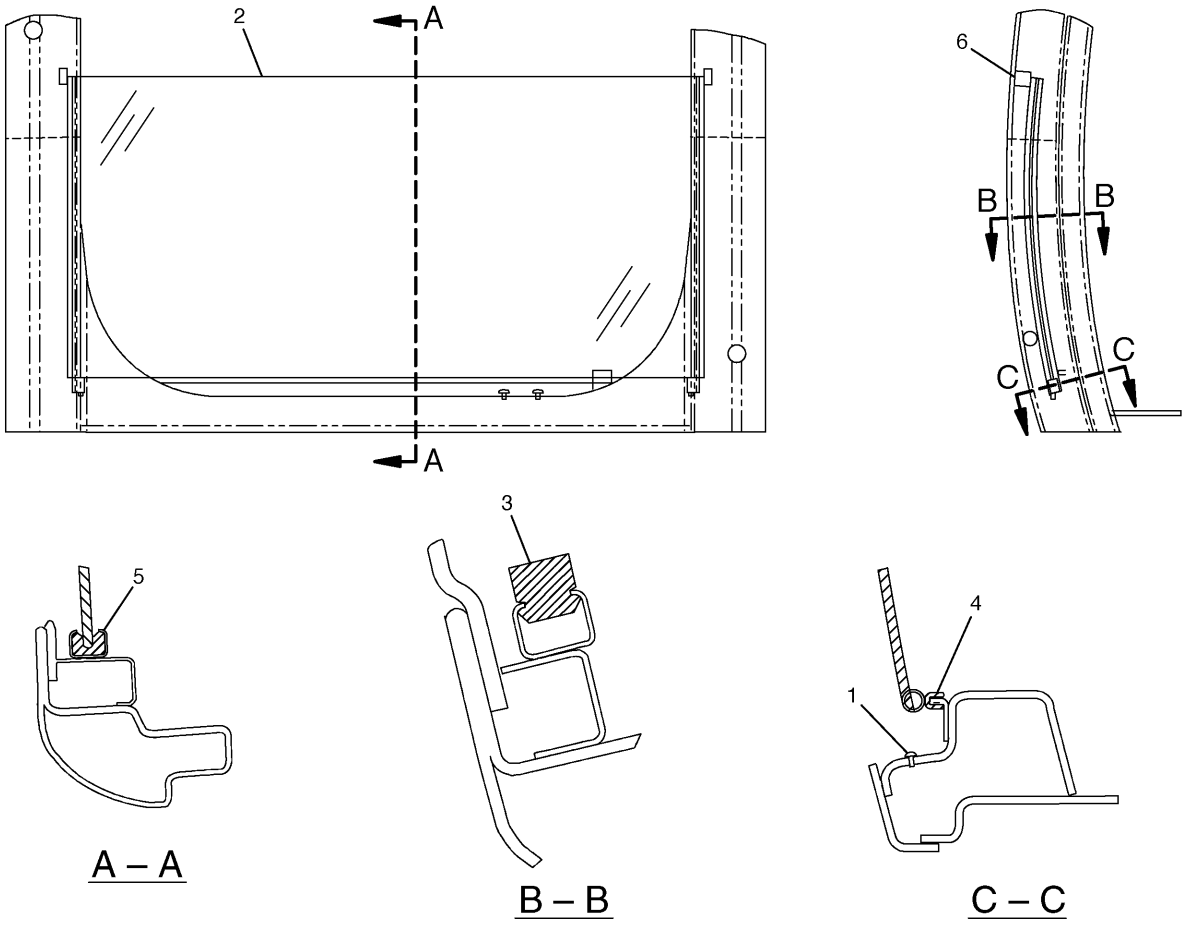
H93574E 06

139-7101 WINDOW GP

Part of 229-9097-Page611,229-9109-Page613

An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	139-7119	2	PLUG					
	2	156-6473	1	GLASS					
	3	156-6631	2	STOPPER					
	4	161-3683	1	SEAL					
	5	178-5569	2	SEAL					
	6	189-2702	2	SEAL					

H74712E 01

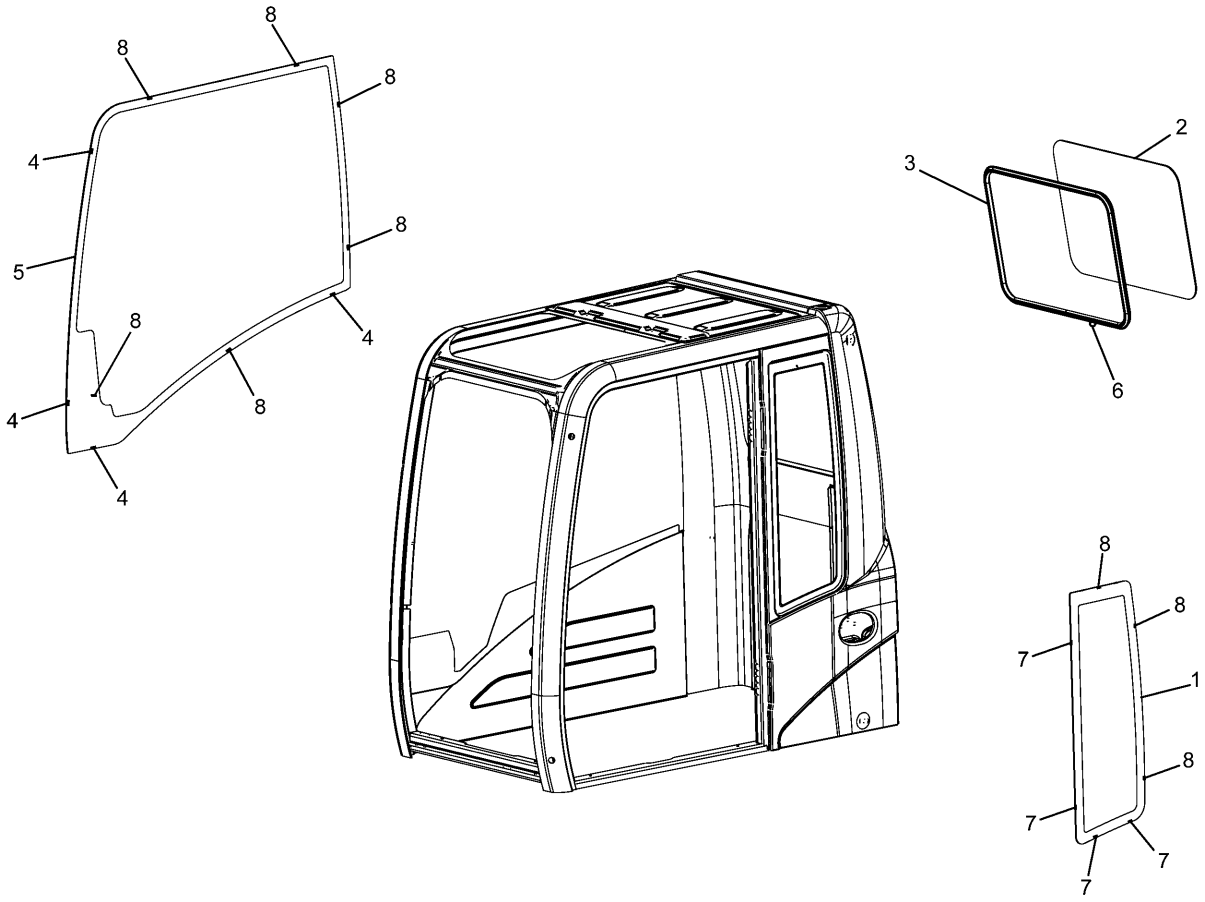
176-1958 WINDOW GP

Lower

Part of 229-9097-Page611,229-9109-Page613

An Attachment

OPERATOR STATION



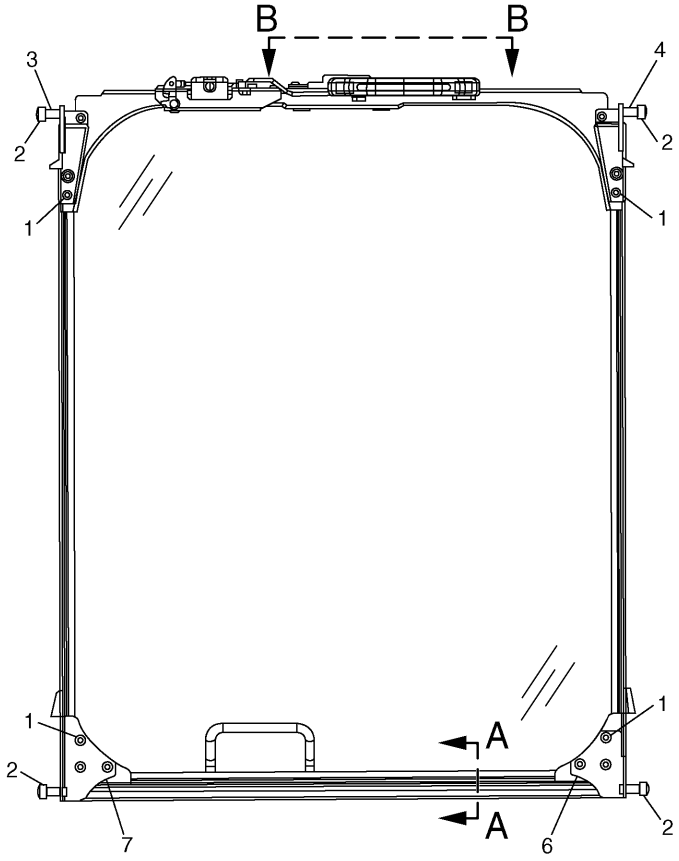
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	151-6790	1	GLASS					
	2	156-6469	1	GLASS					
	3	164-0666	1	SEAL					
	4	178-5572	4	SPACER					
	5	234-6489	1	GLASS					
	6	099-3629	1	RING					
	7	178-5573	4	SPACER					
	8	178-5574	9	SPACER					

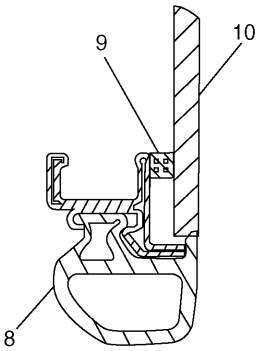
H97152E 01

235-8909 WINDOW GP-CAB

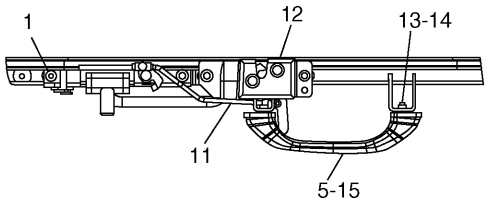
Part of 229-9097-Page611,229-9109-Page613
An Attachment

OPERATOR STATION





A – A



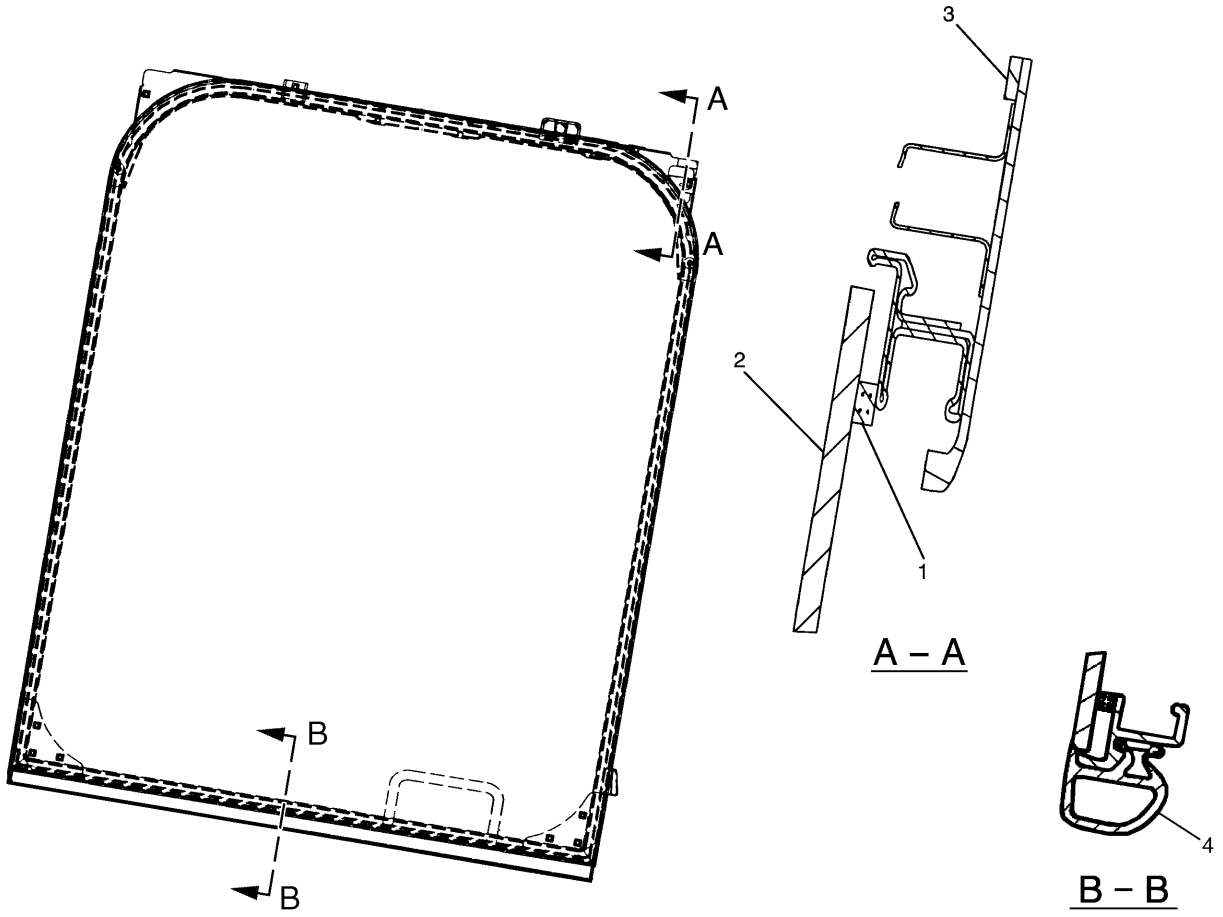
B – B

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9X-2042	15	SCREW					
	2	151-9576	4	ROLLER					
	3	273-5346	1	LINK AS					
	4	273-5345	1	LINK AS					
	5	151-6704	2	CAP					
	6	151-6813	1	BRACKET AS					
	7	151-6815	1	BRACKET AS					
	8	161-3698	1	SEAL					
	9	170-9722	1	CUSHION					
	10	156-6472	1	GLASS					
	11	151-6832	1	LEVER AS					
	12	151-6831	1	LOCK AS					
	13	095-0827	2	LOCKWASHER					
	14	8T-6412	2	SCREW					
	15	151-6703	1	HANDLE					

H93555E 03

171-7503 WINDOW GP
An Attachment

OPERATOR STATION

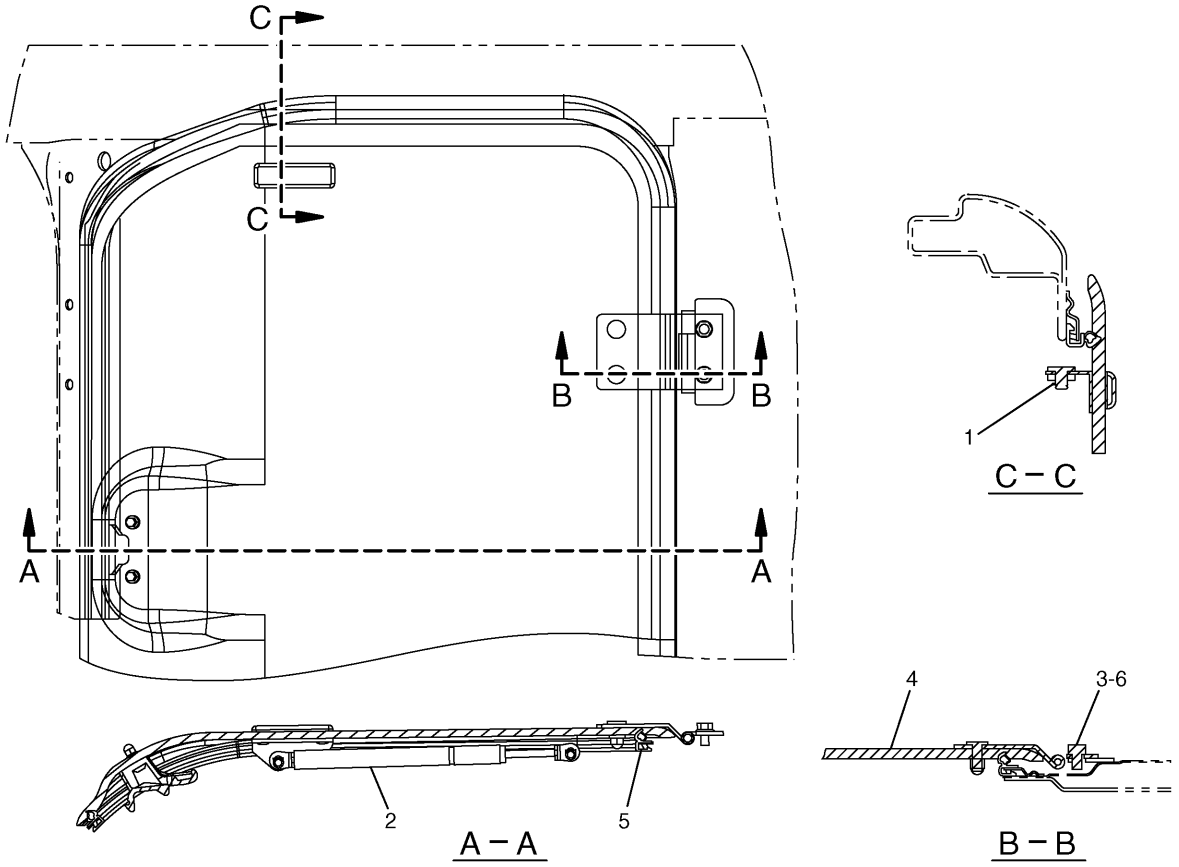


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	170-9722	1	CUSHION					
	2	156-6472	1	GLASS					
	3	41-0420	1	STRIP					
	4	161-3698	1	SEAL					

H83151E 01

207-0144 WINDOW AS
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2Y-5685	4	RING					
	2	099-3506	2	SPRING AS					
	3	8T-4200	4	BOLT (L=16mm)					
Y	4	189-2849	1	HATCH AS					
	5	189-2847	1	SEAL					
	6	8T-4224	4	WASHER					

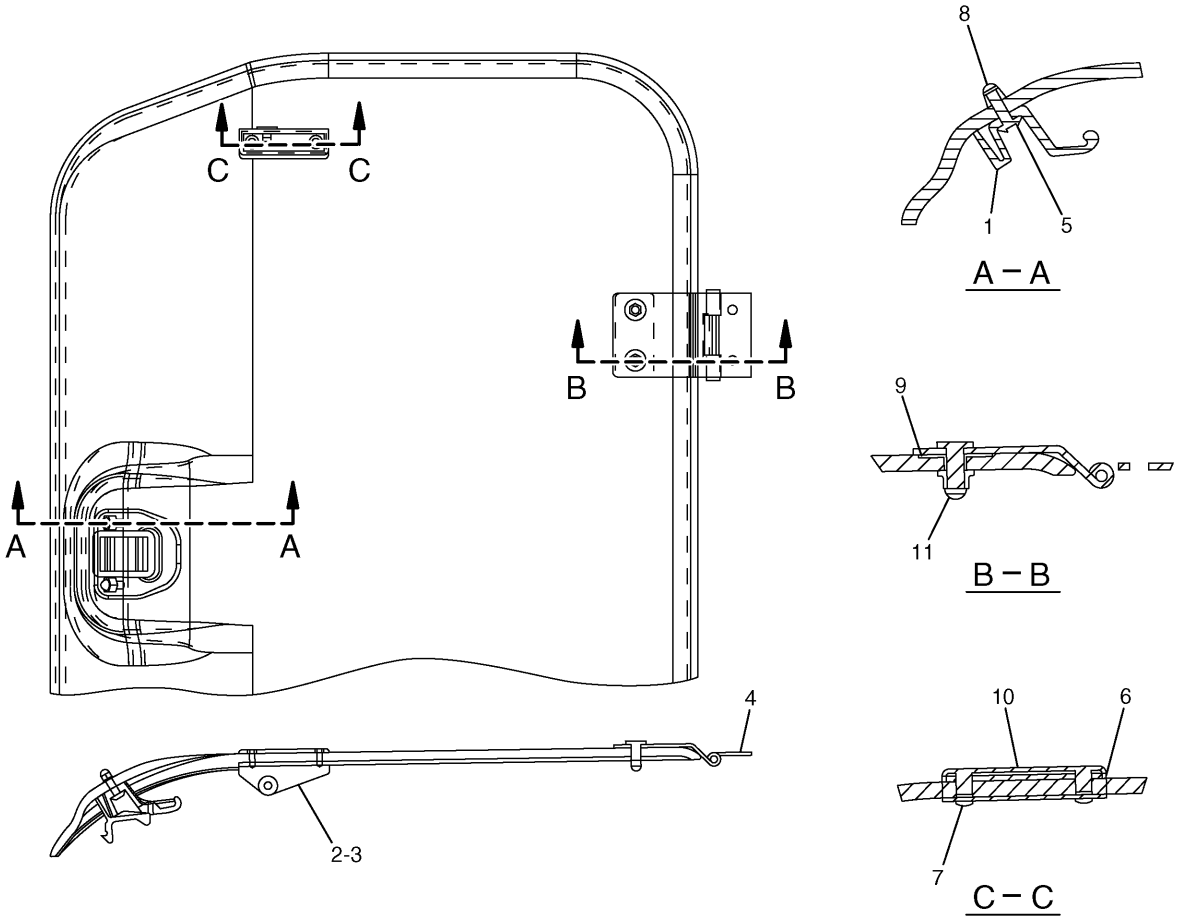
Y—SEE SEPARATE ILLUSTRATION

H71324E 03

139-7099 HATCH GP

Part of 229-9097-Page611
189-2849-Page633
An Attachment

OPERATOR STATION



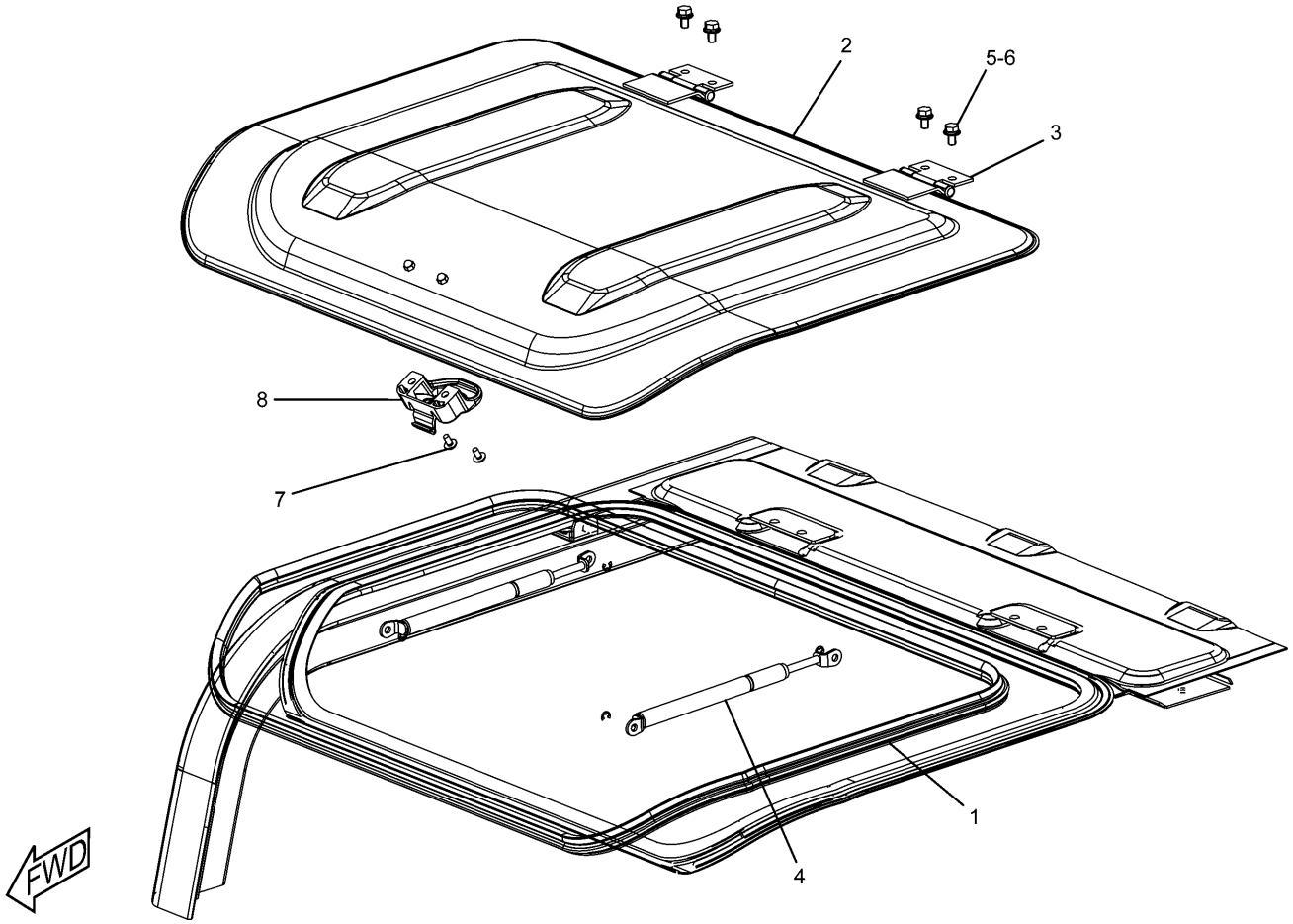
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	161-3694	1	CATCH					
	2	189-2693	1	BRACKET AS (RH)					
	3	189-2694	1	BRACKET AS (LH)					
	4	189-2716	2	HINGE AS					
	5	9X-2045	2	SCREW					
	6	085-6449	2	PACKING					
	7	100-2881	4	SCREW					
	8	171-7477	2	NUT					
	9	41-1260	2	PACKING					
	10	41-4361	2	RETAINER					
	11	61-5342	4	NUT					

H71325E 00

189-2849 HATCH AS

Part of 139-7099-Page632
An Attachment

OPERATOR STATION



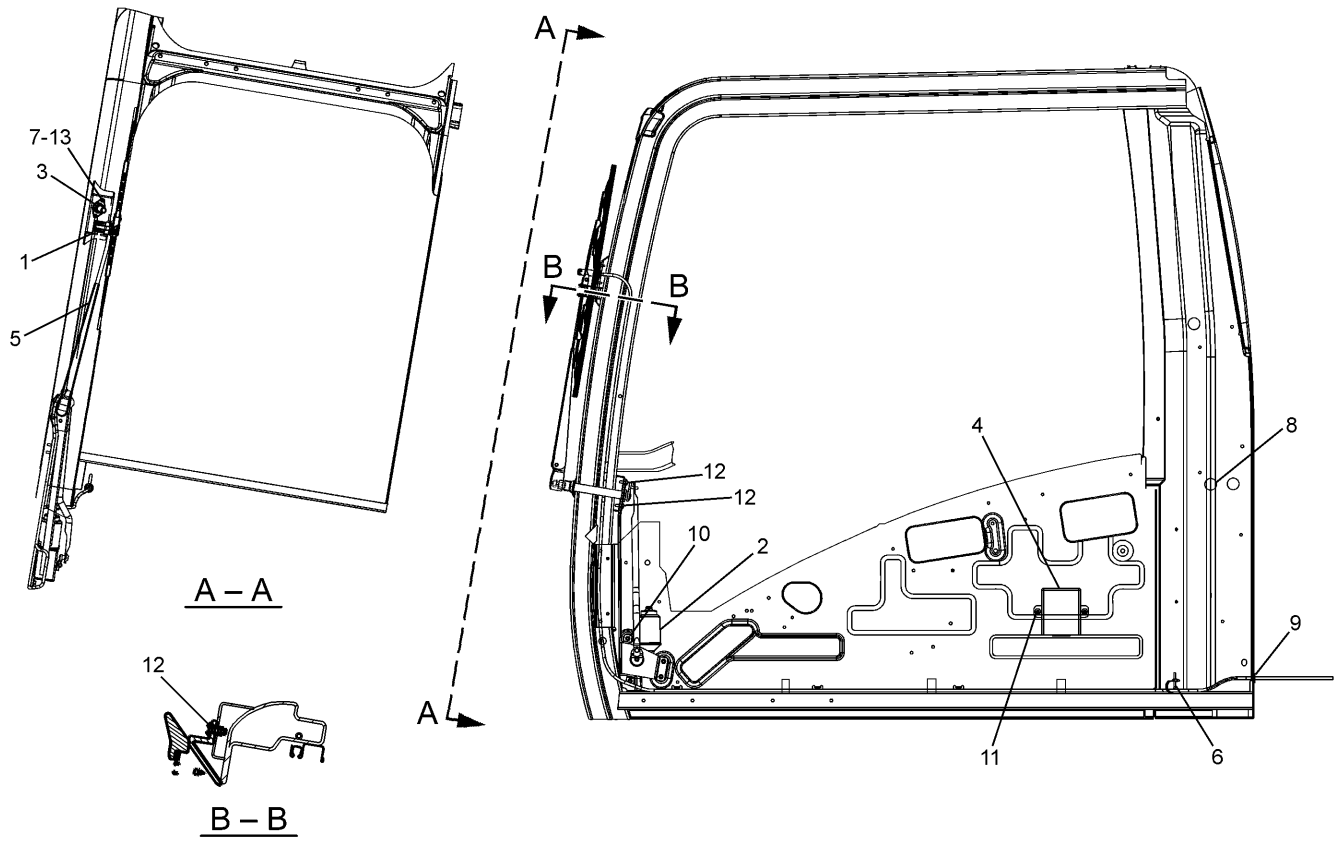
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	189-2847	1	SEAL					
	2	259-7351	1	HATCH AS					
	3	189-2717	1	HINGE AS					
	4	099-3506	2	SPRING AS					
	5	8T-4200	4	BOLT (L=16mm)					
	6	8T-4224	4	WASHER					
	7	9X-2042	2	SCREW					
	8	259-7352	1	CATCH					

H91229E 00

259-7350 HATCH GP

Metal Loof Hatch
S/N BWZ 1-Up, DFB 1-Up
Part of 229-9109-Page613
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	161-3677	1	HOLDER					
Y	2	245-7931	1	MOTOR AS					
	3	235-8932	1	NOZZLE AS					
	4	155-7042	1	RELAY AS					
Y	5	161-3668	1	ARM AS					
	6	163-6795	1	STRAP					
	7	095-0728	2	SCREW					
	8	4I-3090	1	SEAL					
	9	7Y-7364	1	GROMMET					
	10	8T-4134	4	NUT					
	11	9X-2042	2	SCREW					
	12	9X-2044	3	SCREW					
	13	096-6166	2	WASHER					

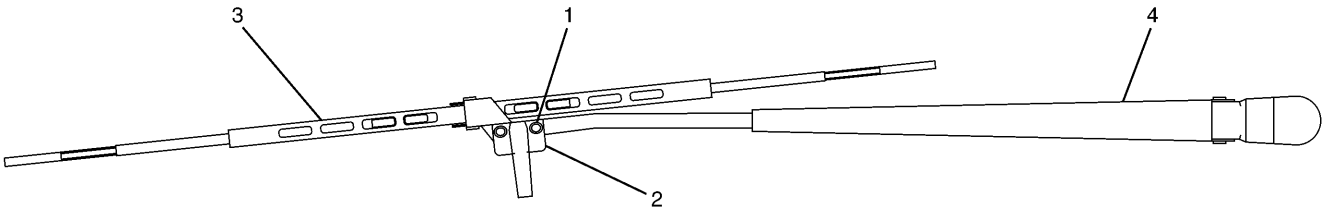
Y—SEE SEPARATE ILLUSTRATION

H93556E 03

234-6594 WIPER GP-WINDOW

Part of 229-9097-Page611,229-9109-Page613
161-3668-Page636,245-7931-Page637
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	185-8290	1	SCREW KIT					
	2	161-3669	1	GUIDE					
	3	161-3670	1	BLADE AS					
	4	161-3671	1	ARM AS					

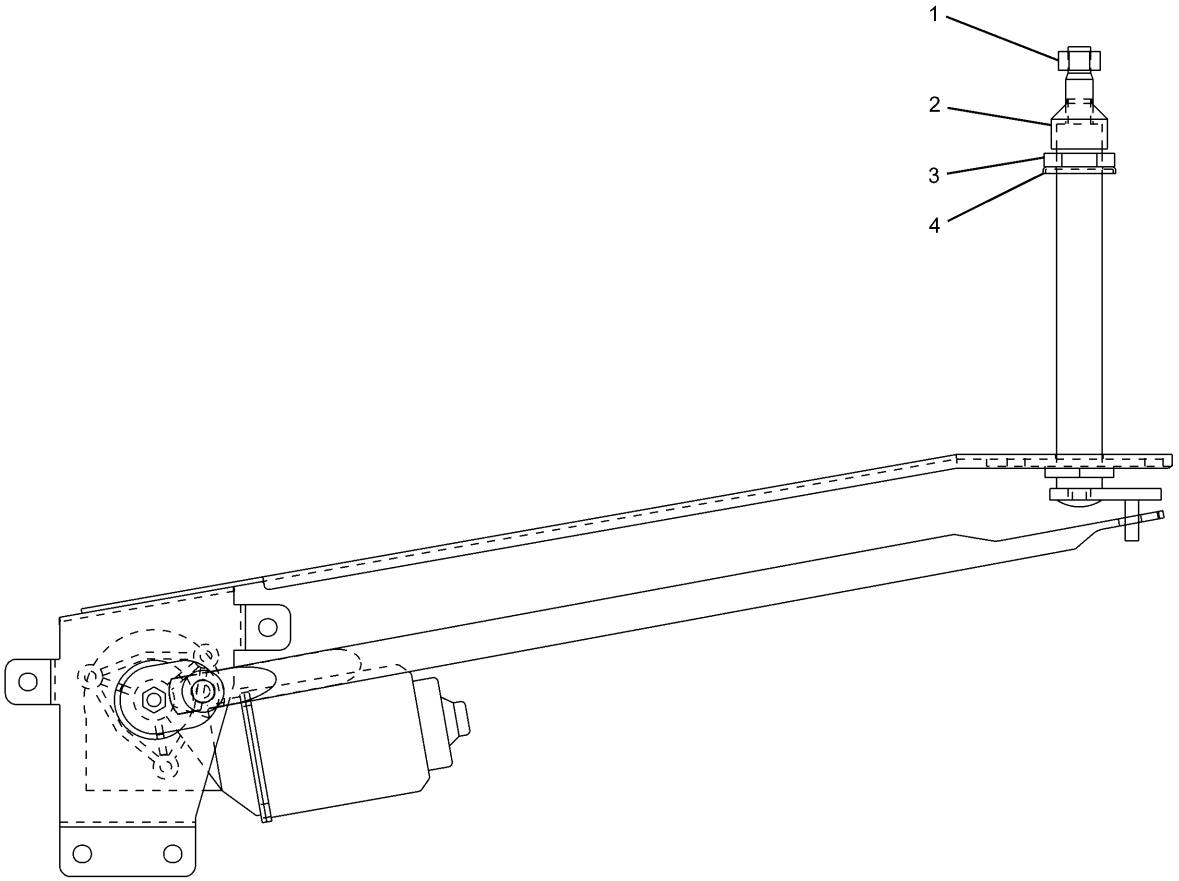
H77606E 02

161-3668 ARM AS-WIPER

Part of 234-6594-Page635

An Attachment

OPERATOR STATION



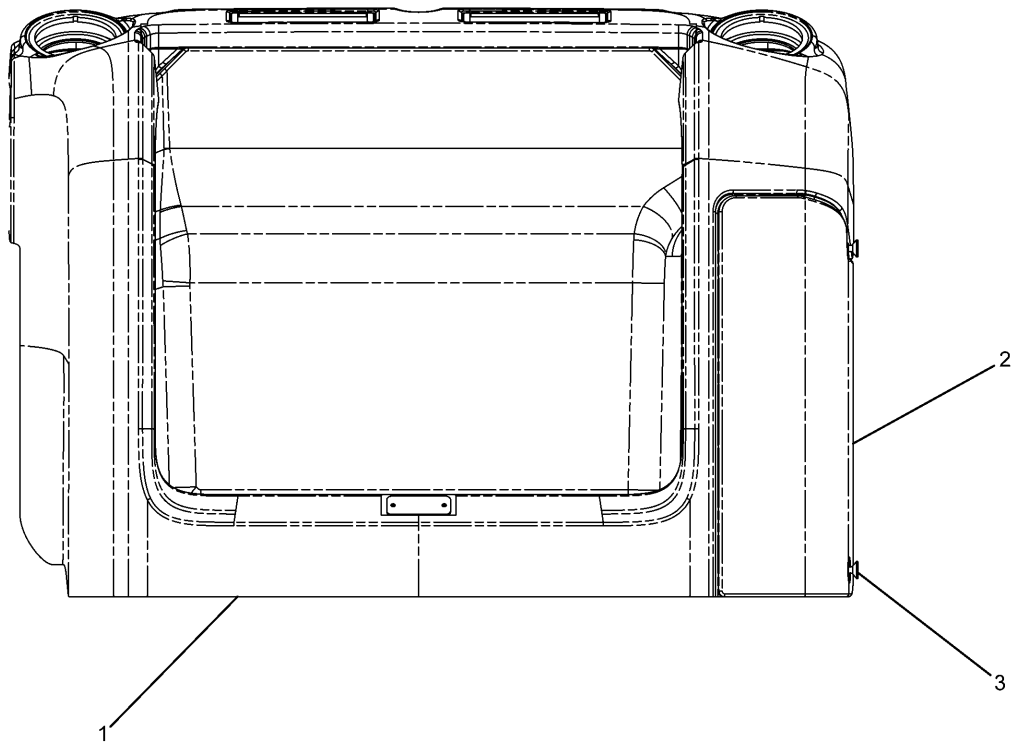
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6V-8231	1	NUT					
	2	7Y-3472	1	CAP					
	3	7Y-3470	1	NUT					
	4	124-3953	1	WASHER					

H88676E 00

245-7931 MOTOR AS-WINDOW WIPER

Part of 234-6594-Page635
An Attachment

OPERATOR STATION



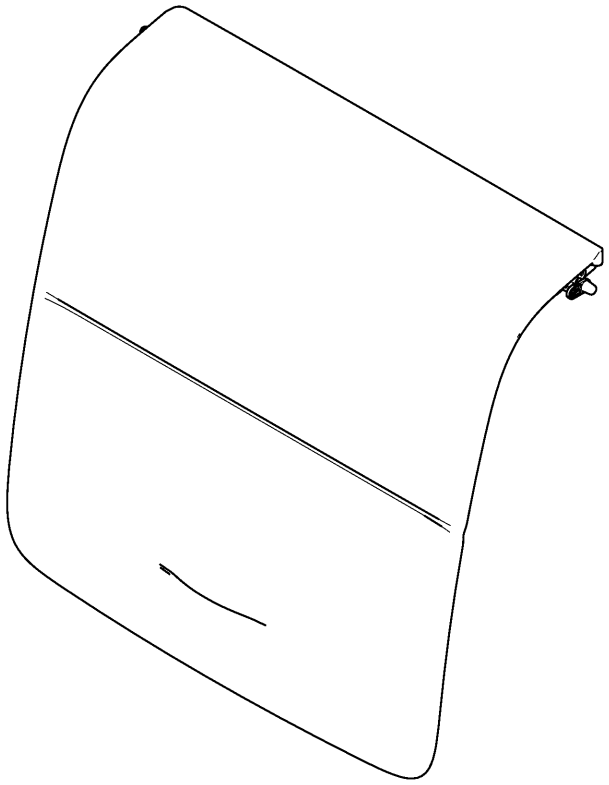
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	234-6499	1	COVER AS					
	2	234-6502	1	COVER					
	3	245-7929	2	CLIP					

H87659E 05

234-6501 COVER GP

Part of 229-9096-Page607,229-9108-Page609
An Attachment

OPERATOR STATION

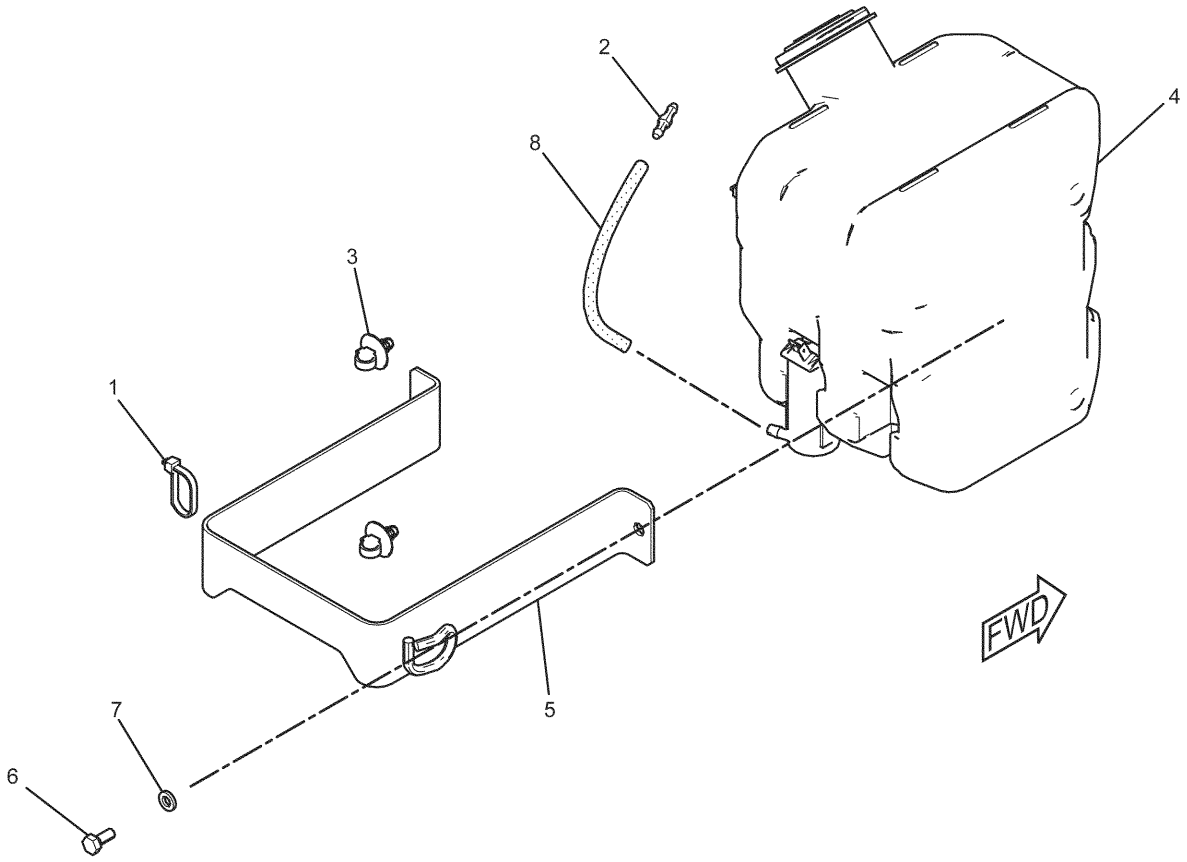


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME

H88770E 05

234-6500 COVER AS
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	1	STRAP					
	2	7Y-3474	1	VALVE AS					
	3	163-6795	2	STRAP					
Y	4	176-1931	1	TANK AS					
	5	235-9012	1	SUPPORT AS					
	6	8T-4970	2	BOLT (L=14mm)					
	7	9X-8256	2	WASHER					
E	8	144-0195		HOSE…(13cm)					

E—ORDER BY THE CENTIMETER

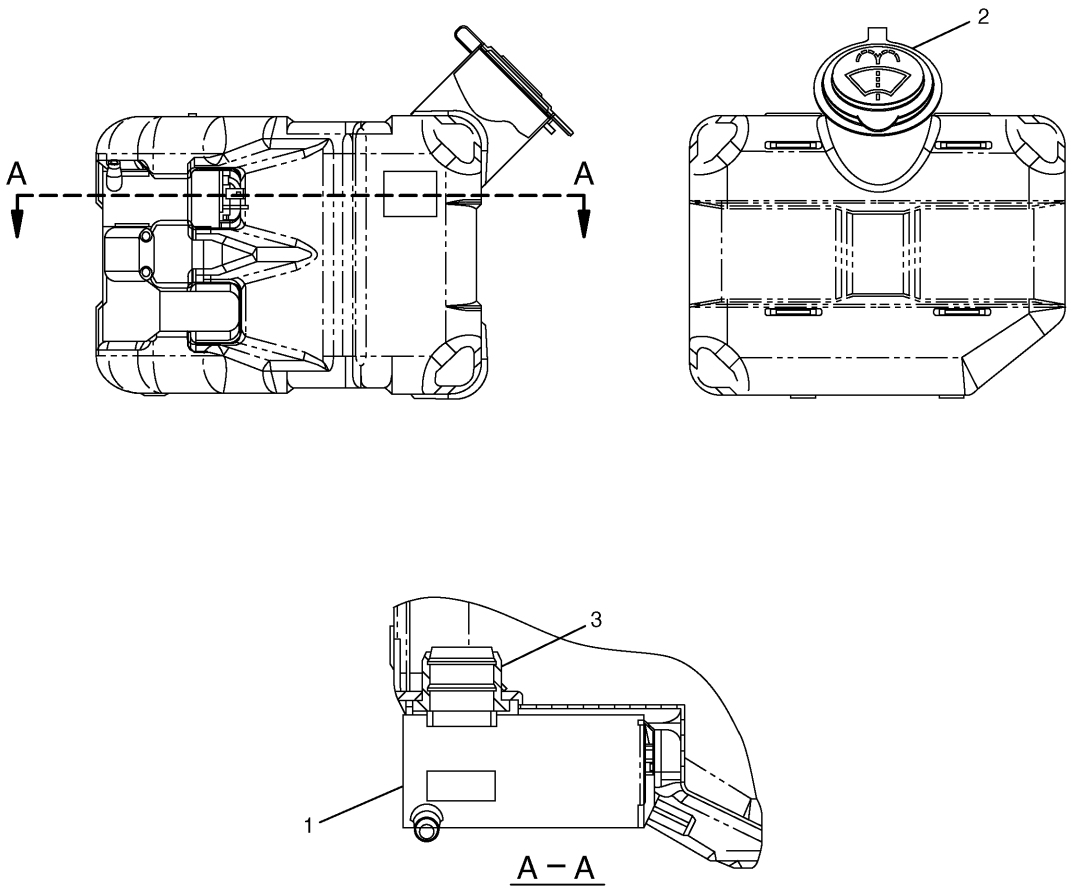
Y—SEE SEPARATE ILLUSTRATION

H93557E 05

229-9070 WASHER GP-WINDOW

176-1931-Page641

An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7T-8890	1	PUMP AS					
	2	178-5431	1	CAP AS					
		3W-6399	1	PACKING					
	3	5C-8138	1	GROMMET					

H70149E 02

176-1931 TANK AS-WINDOW WASHER

Part of 229-9070-Page640
An Attachment

OPERATOR STATION

Consists of :

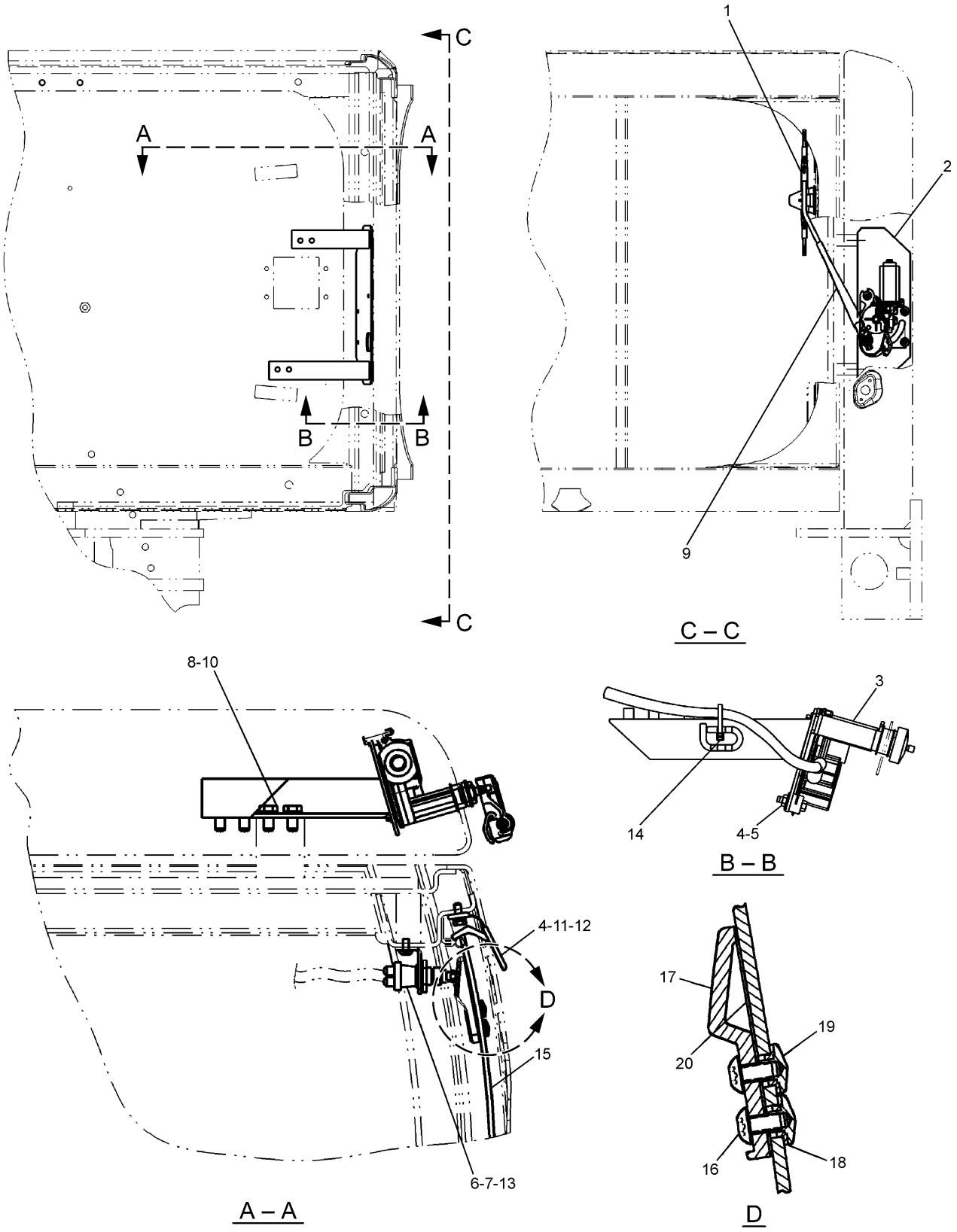
			Page
1	229-9087	WIPER & WASHER GP-WINDOW	644
1	229-9088	WASHER GP-WINDOW	646
1	238-2208	WIRING GP-LOWER WIPER	156

H87747E 01

229-9086 WIPER AR-WINDOW
Lower/Skylight Hatch Cab
An Attachment

MEMORANDA

OPERATOR STATION



H99941E 04

229–9087 WIPER & WASHER GP–WINDOW
Lower/Skylight Hatch Cab
Part of 229–9086–Page642
129–6466–Page228
An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-5021	1	BLADE AS					
	2	235-8974	1	BRACKET AS					
	3	293-1140	1	MOTOR AS					
	4	9X-8256	5	WASHER					
	5	5C-2890	3	NUT					
	6	9X-2044	2	SCREW					
	7	156-6646	1	BRACKET					
	8	8T-4121	4	WASHER					
	9	4I-5020	1	ARM AS					
	10	8T-4191	4	BOLT (L=16mm)					
	11	4I-1163	1	BRACKET					
	12	5C-9553	2	BOLT (L=16mm)					
Y	13	129-6466	1	SWITCH AS					
	14	3S-2093	1	STRAP					
	15	156-6647	1	GLASS AS					
	16	9X-2042	2	SCREW					
	17	124-3966	1	STOPPER					
	18	144-9691	2	PACKING					
	19	144-9692	2	RETAINER					
	20	151-6705	1	PACKING					

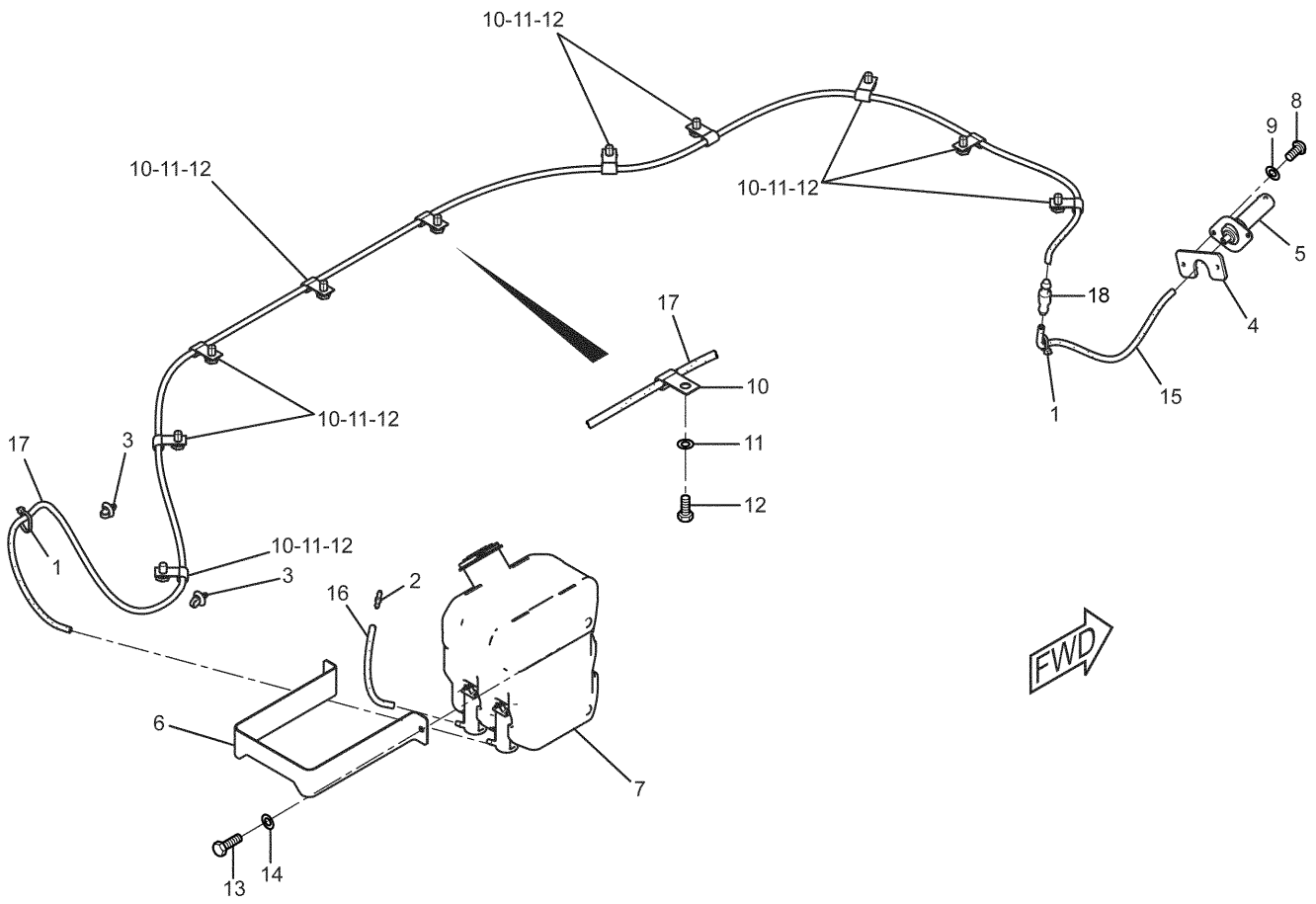
Y—SEE SEPARATE ILLUSTRATION

H99941E 04

229-9087 WIPER & WASHER GP-WINDOW

Lower/Skylight Hatch Cab
Part of 229-9086-Page642
129-6466-Page228
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	2	STRAP		18	293-1256	1	VALVE AS
	2	7Y-3474	1	VALVE AS					
	3	163-6795	2	STRAP					
	4	170-9492	1	PLATE					
	5	178-5500	1	NOZZLE AS					
		085-8037	1	NOZZLE					
		105-9526	1	ADAPTER					
		105-9527	1	PACKING					
	6	235-9012	1	SUPPORT AS					
	7	176-1932	1	TANK AS					
	8	095-0728	2	SCREW					
	9	096-6166	2	WASHER					
	10	6V-3265	10	CLIP					
	11	8T-4121	10	WASHER					
	12	8T-4191	10	BOLT (L=16mm)					
	13	8T-4970	2	BOLT (L=14mm)					
	14	9X-8256	2	WASHER					
E	15	144-0195		HOSE…(30cm)					
E	16	144-0195		HOSE…(13cm)					
E	17	144-0195		HOSE…(290cm)					

E—ORDER BY THE CENTIMETER

H95210E 09

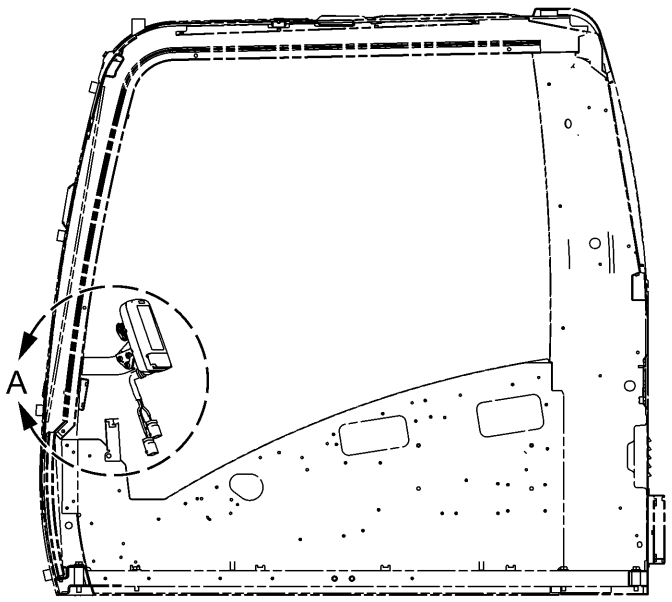
229-9088 WASHER GP-WINDOW

Lower

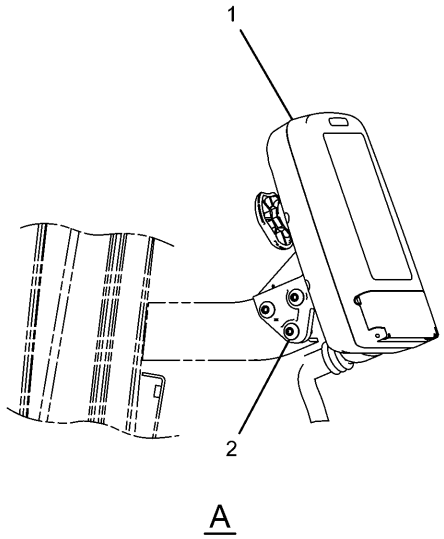
Part of 229-9086-Page642

An Attachment

OPERATOR STATION



LEFT SIDE VIEW



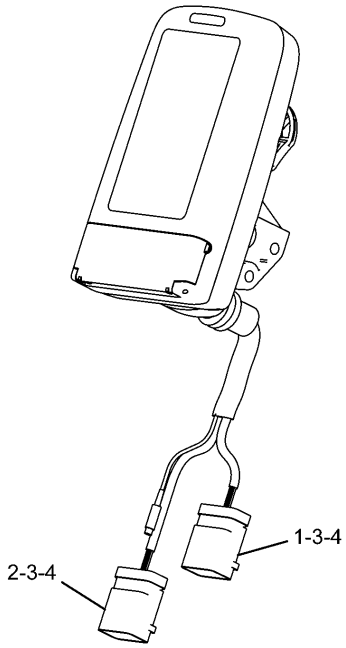
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	260-2193	1	MONITOR GP					
	2	9X-2046	3	SCREW					

Y—SEE SEPARATE ILLUSTRATION

H89482E 03

221-8813 MONITOR & MTG GP-OPERATOR
260-2193-Page648

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME
	1	247-2694	1	RECEPTACLE AS
	2	247-2695	1	RECEPTACLE AS
	3	9X-3401	17	PIN
	4	8T-8737	7	PLUG

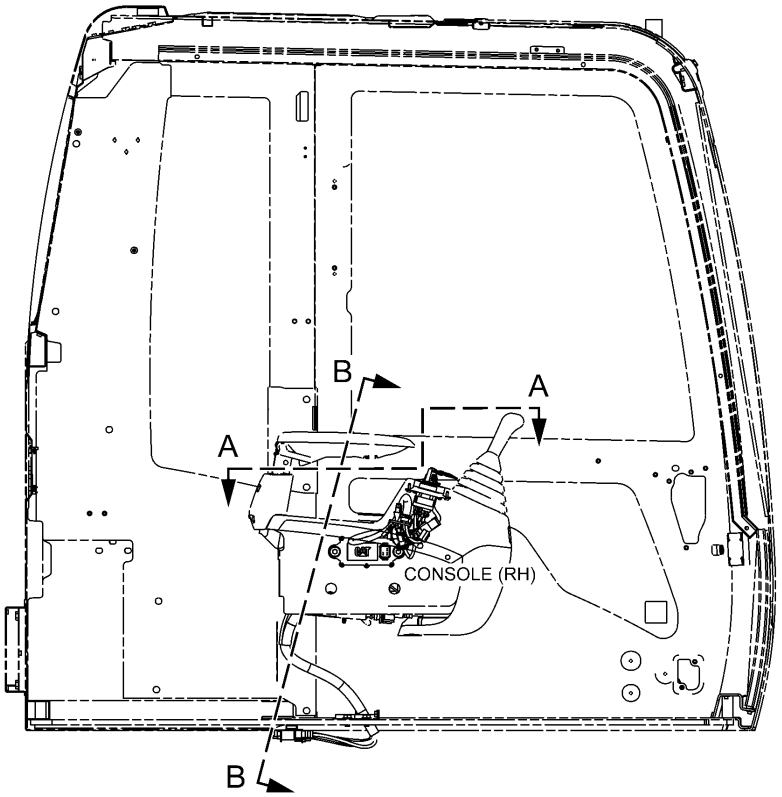
H89483E 00

260-2193 MONITOR GP-OPERATOR

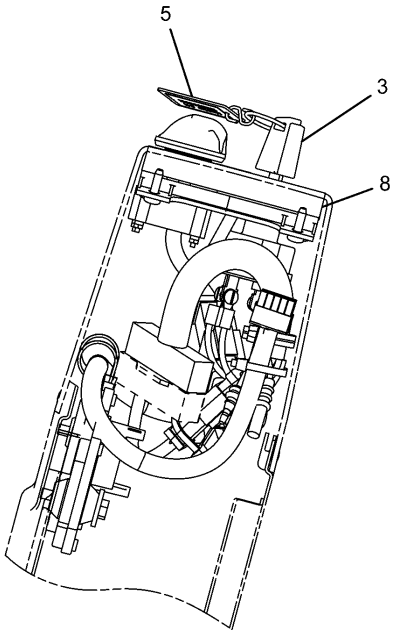
Part of 221-8813-Page647

MEMORANDA

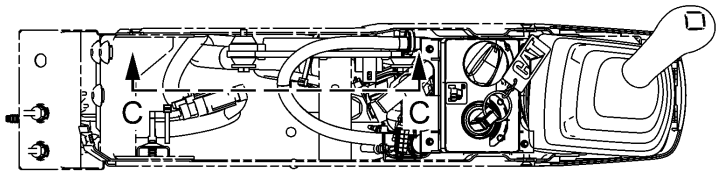
OPERATOR STATION



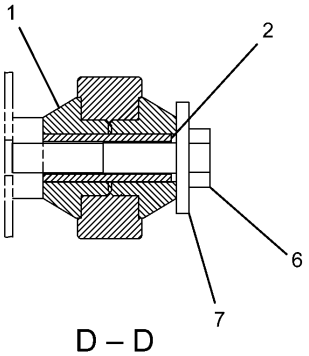
RH SIDE VIEW OF CAB



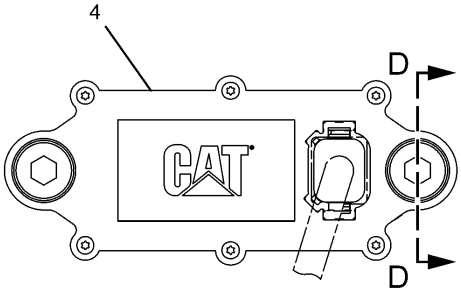
B – B



A – A



D – D



C – C

H96589E 00

299-2831 CONTROL GP
Machine Security System
251-0544-Page144
An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8C-5607	4	MOUNT					
	2	8C-5608	2	SPACER					
	3	206-5162	2	KEY AS					
B		206-5165	1	KEY AS					
	4	218-0404	1	CONTROL GP					
		6V-6715	1	SCREW					
		8C-3095	1	SEAL-O-RING (ID=2.57mm)					
	5	219-6314	2	TAG					
	6	7X-2533	2	BOLT (L=35mm)					
	7	9X-6165	2	WASHER					
Y	8	251-0544	1	PANEL GP					

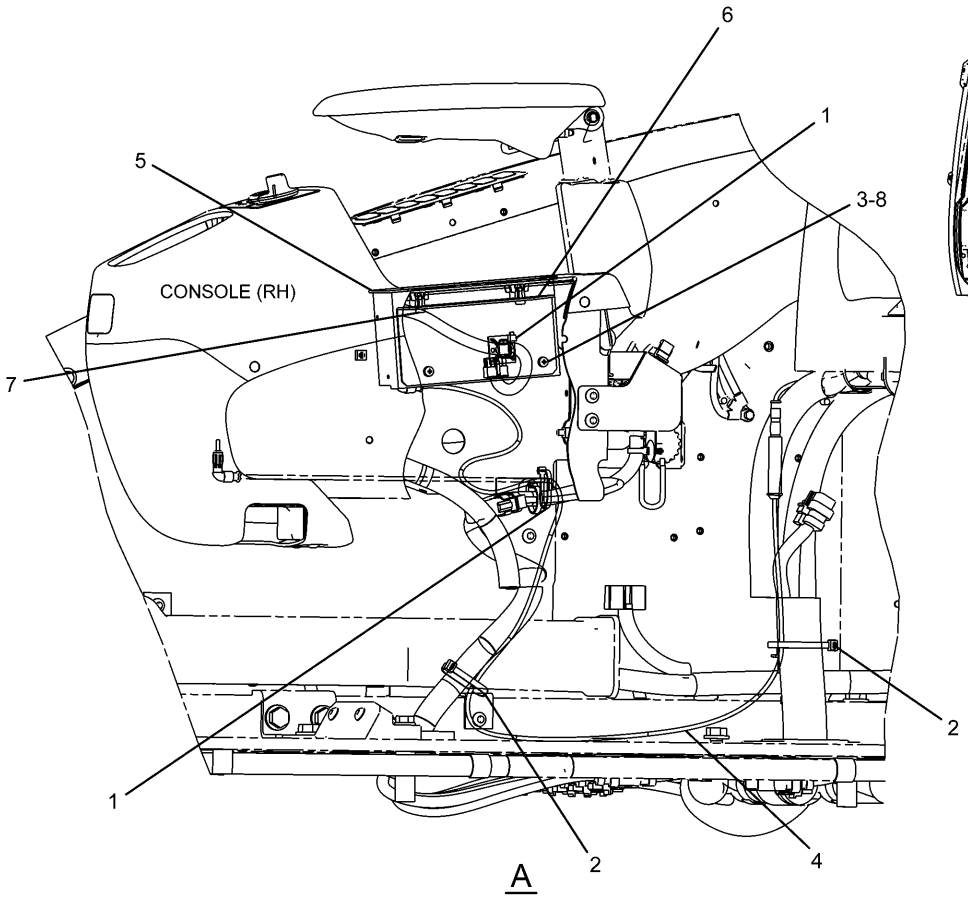
B—USE AS REQUIRED

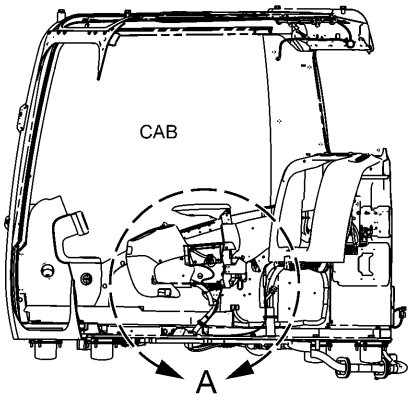
Y—SEE SEPARATE ILLUSTRATION

H96589E 00

299-2831 CONTROL GP
Machine Security System
251-0544-Page144
An Attachment

OPERATOR STATION





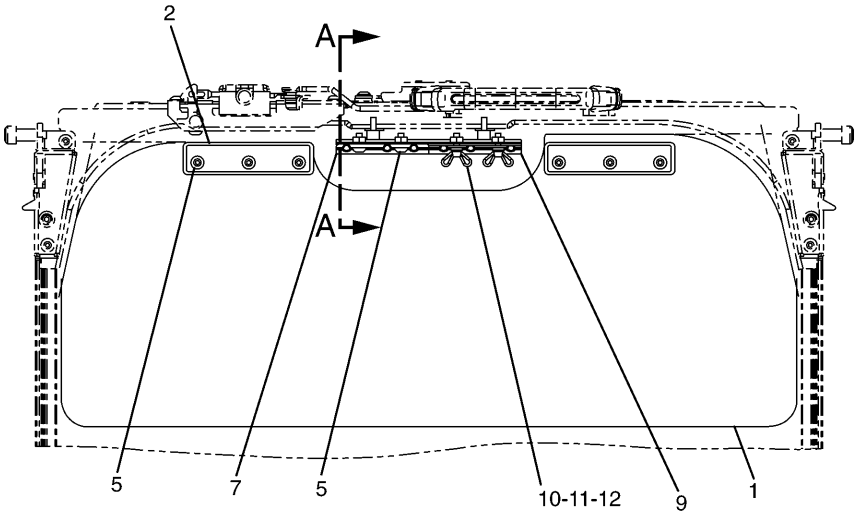
LEFT SIDE VIEW

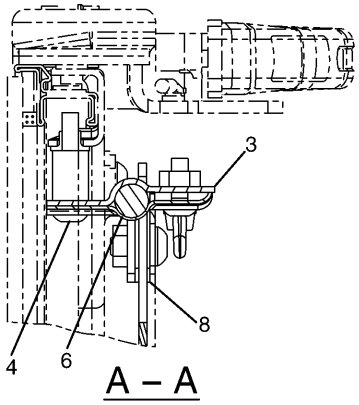
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	2	STRAP					
	2	7K-1181	2	STRAP					
	3	095-0736	2	SCREW					
	4	238-2260	1	CABLE					
	5	251-0537	1	RADIO					
	6	259-4914	1	BRACKET AS					
	7	119-5026	2	SCREW					
	8	8T-0328	2	WASHER					

H91219E 01

251-0536 RADIO GP-AM/FM
An Attachment

OPERATOR STATION





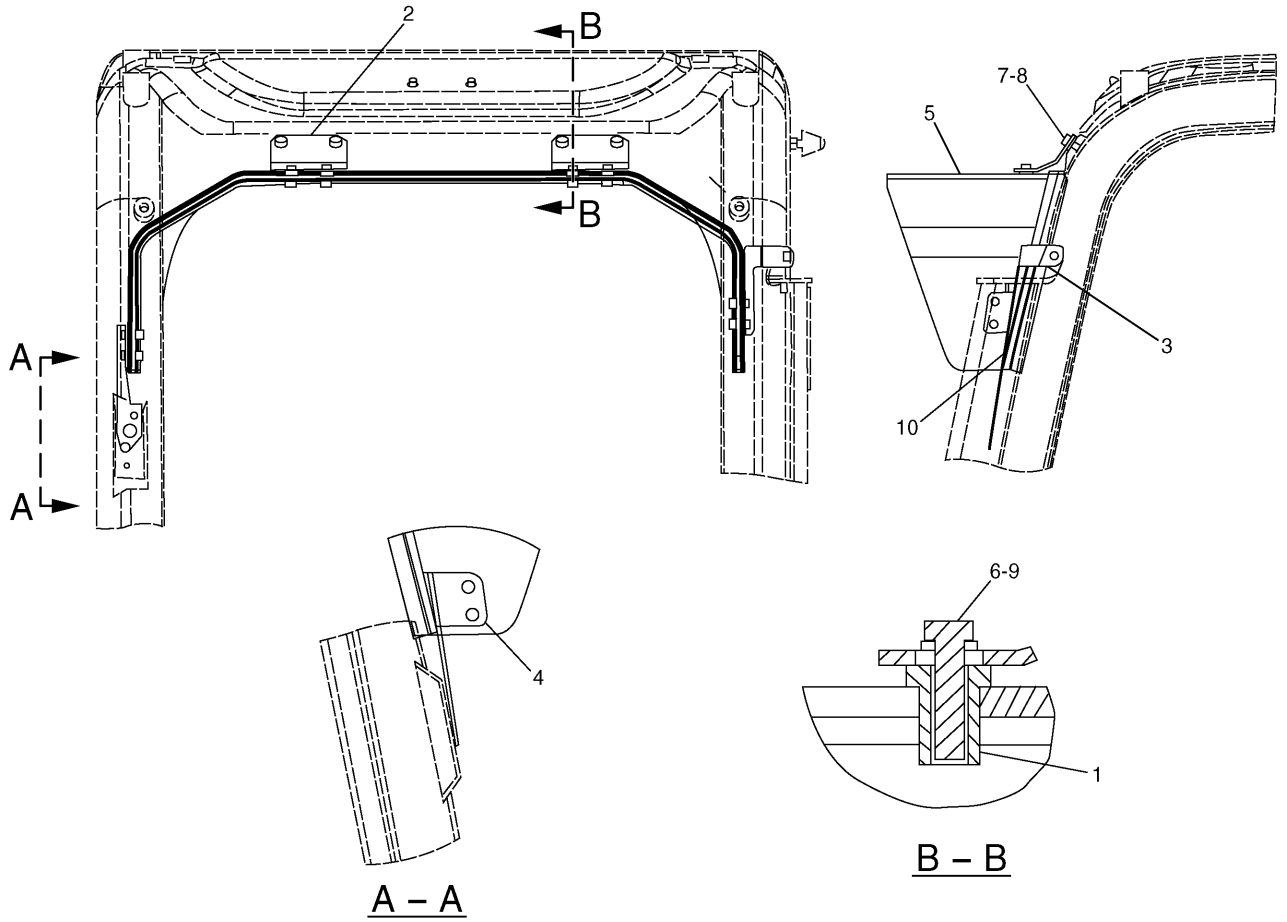
A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	210-5836	1	VISOR					
	2	210-5837	2	STRIP					
	3	164-0639	1	BRACKET AS					
	4	9X-2046	2	SCREW					
	5	9X-2044	8	SCREW					
	6	210-5834	1	BRACKET AS					
	7	210-5828	1	PLATE					
	8	210-5838	4	PACKING					
	9	210-5827	1	PLATE					
	10	210-5829	2	BOLT					
	11	8H-3481	2	LOCKWASHER					
	12	9X-8256	2	WASHER					

H78643E 04

161-3751 VISOR GP-SUN
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-5049	8	NUT					
	2	164-0618	2	BRACKET					
	3	164-0619	1	BRACKET					
	4	164-0620	1	BRACKET					
	5	164-0621	1	VISOR					
	6	6V-7357	8	BOLT (L=25mm)					
	7	8T-4189	4	BOLT (L=20mm)					
	8	8T-4224	4	WASHER					
	9	9X-8256	8	WASHER					
D	10	5P-8292		SEAL…(1.4m)					

D—ORDER BY THE METER

H72014E 03

161-3750 VISOR GP-PROTECTION-RAIN
An Attachment

OPERATOR STATION

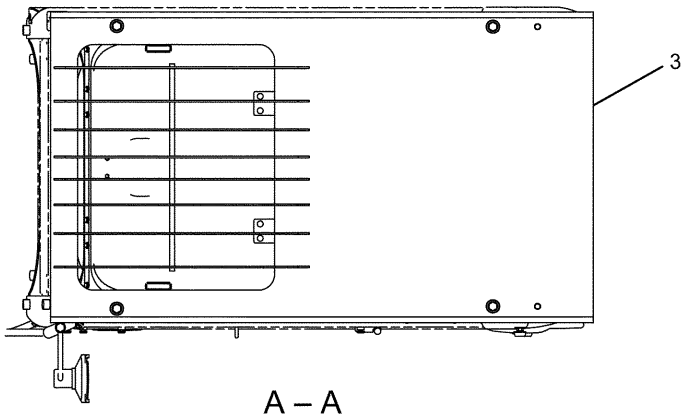
Consists of :

			Page
1	164-0497	GUARD GP-OVERHEAD	656
1	171-7485	GUARD GP-FRONT WINDOW	658

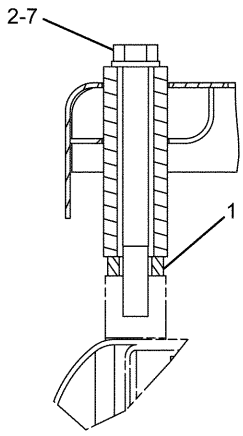
H68609E 00

178-5549 GUARD AR-OVERHEAD
An Attachment

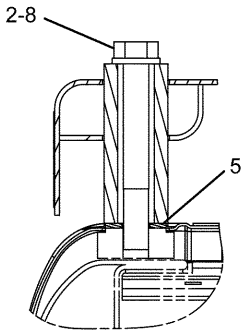
OPERATOR STATION



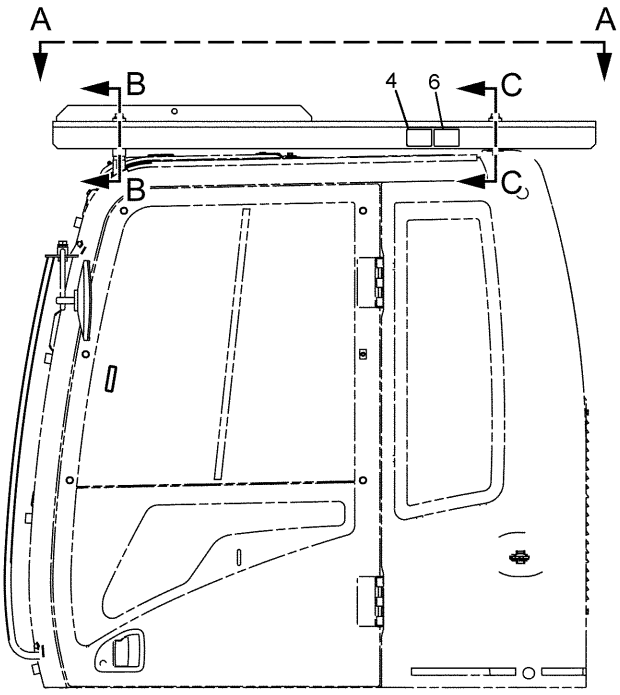
A – A



B – B



C – C



LEFT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8V-1715	2	SPACER					
	2	9X-8257	4	WASHER					
	3	167-7141	1	GUARD AS					
B	5	090-8865	2	SPACER					
	6	298-4255	1	FILM (TOP GUARD)					
	7	7X-2559	2	BOLT (L=160mm)					
	8	8T-4174	2	BOLT (L=120mm)					

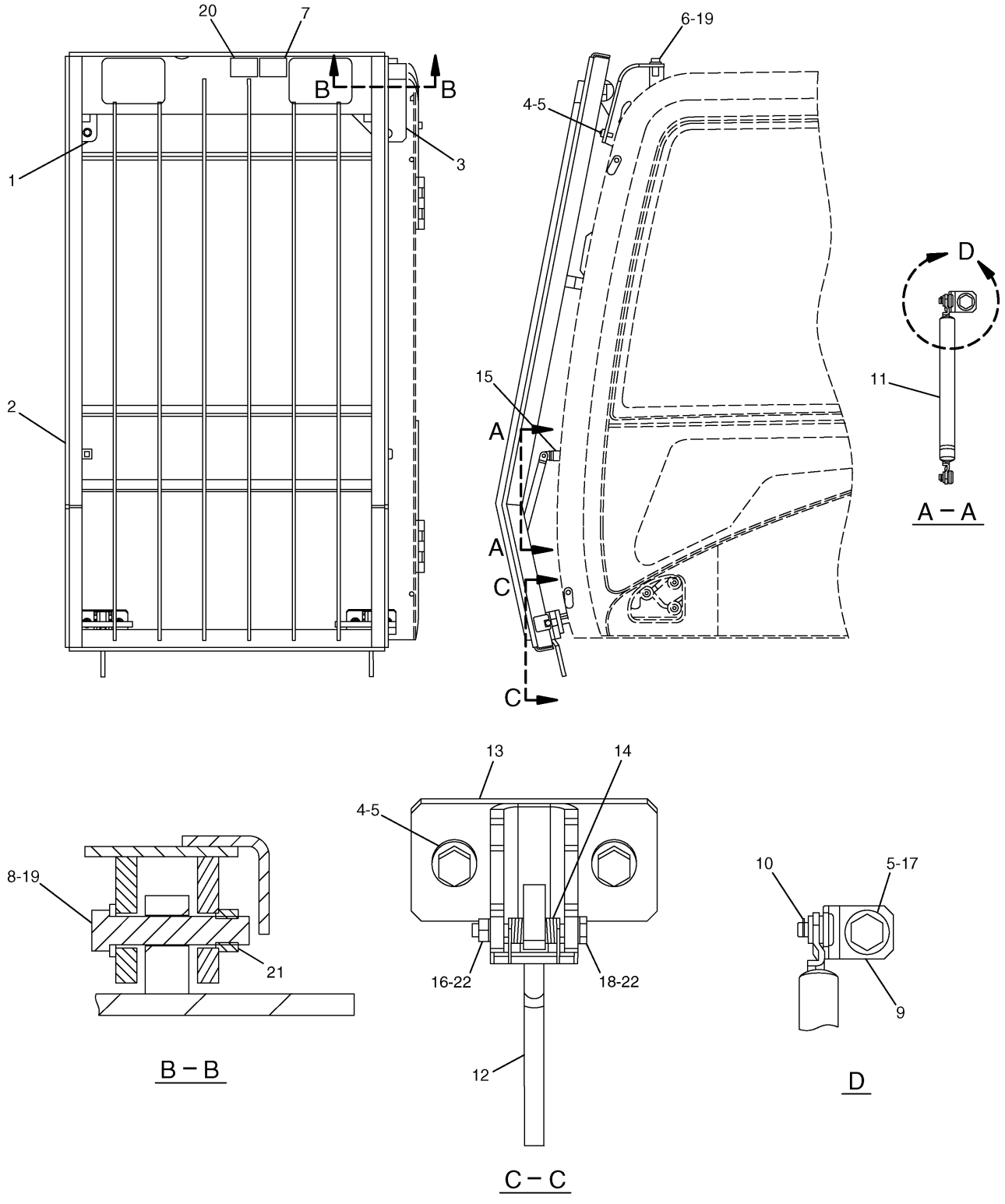
B—USE AS REQUIRED

H96770E 03

164-0497 GUARD GP-OVERHEAD

Part of 178-5549-Page655
An Attachment

MEMORANDA



H96802E 07

171-7485 GUARD GP-FRONT WINDOW
Part of 178-5549-Page655
An Attachment

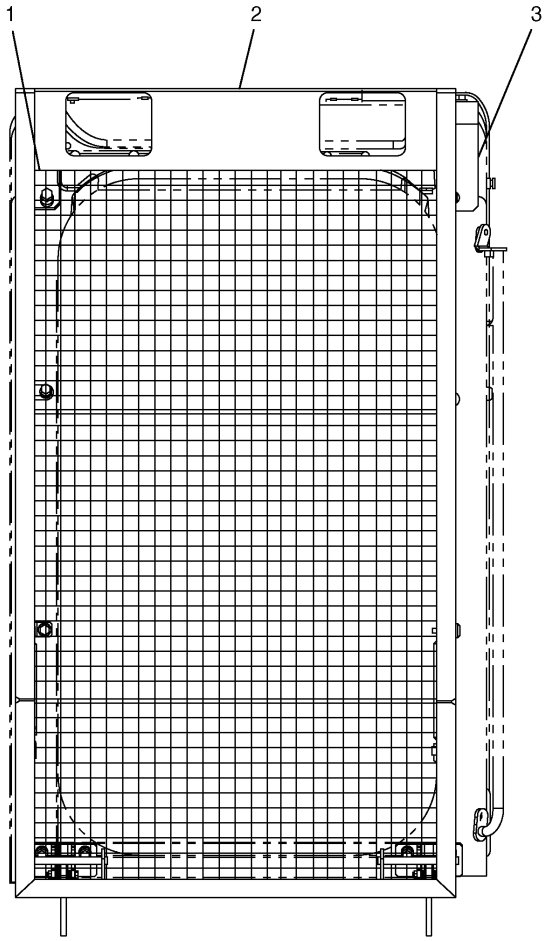
OPERATOR STATION

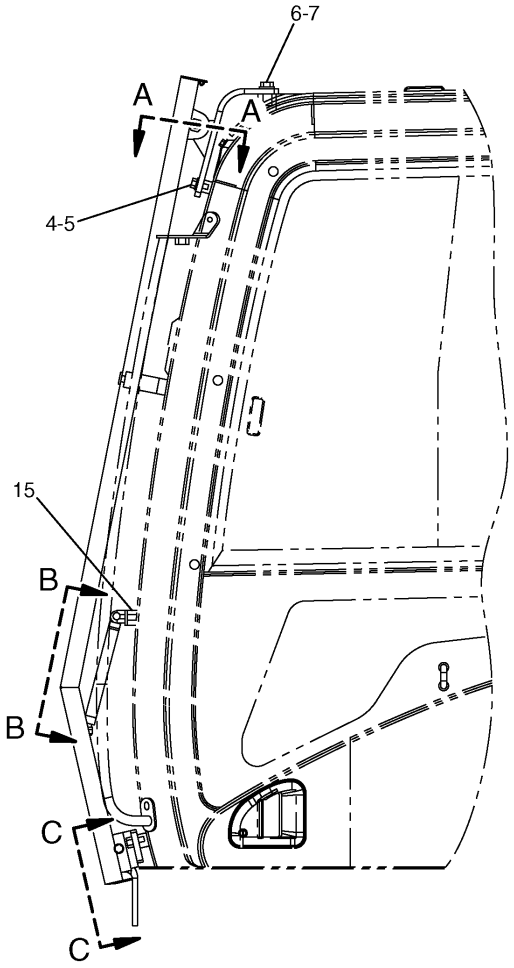
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	196-1571	1	SUPPORT AS					
	2	171-7486	1	GUARD AS					
	3	196-1569	1	SUPPORT AS					
	4	8T-4139	6	BOLT (L=30mm)					
	5	8T-4223	8	WASHER					
	6	7X-2553	2	BOLT (L=40mm)					
	7	298-4254	1	FILM (FRONT GUARD)					
	8	201-4534	2	PIN					
	9	176-1928	2	BRACKET AS					
	10	5D-4822	4	RING					
	11	176-1925	2	SPRING AS					
	12	196-1572	2	LATCH AS					
	13	258-0330	2	BRACKET AS					
	14	6C-8382	2	SPRING					
	16	096-4882	2	NUT					
	17	8T-4192	2	BOLT (L=25mm)					
	18	201-4535	2	PIN					
	19	9X-8257	4	WASHER					
	20	219-0305	1	FILM (WARNING)					
	21	7Y-0623	2	NUT					
	22	8T-4224	4	WASHER					

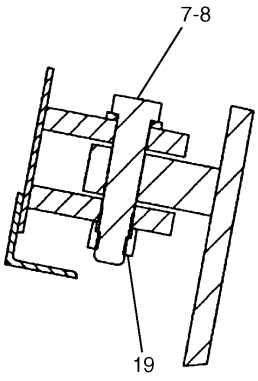
H96802E 07

171-7485 GUARD GP-FRONT WINDOW

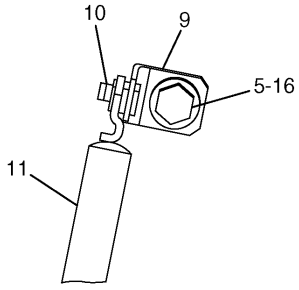
Part of 178-5549-Page655
An Attachment



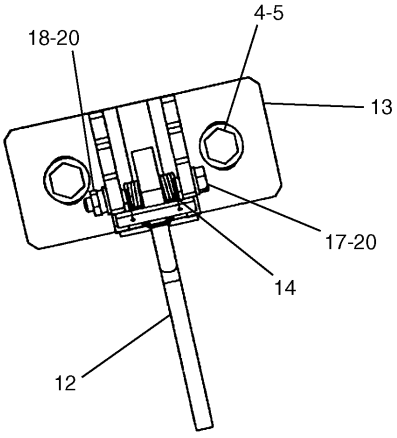




A – A



B – B



C – C

H88095E 06

164-0534 GUARD GP-FRONT WINDOW
An Attachment

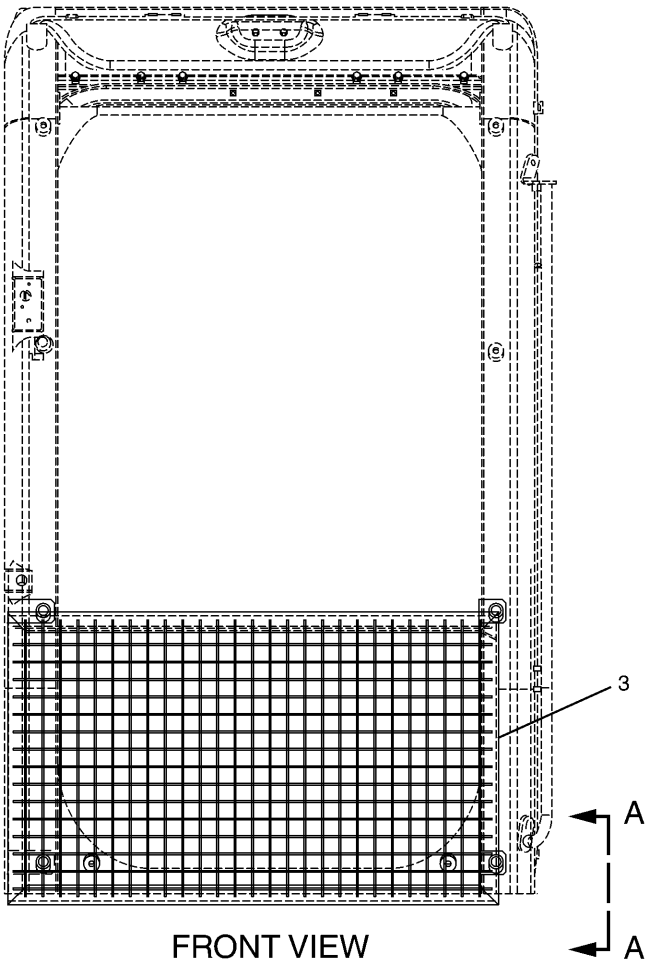
OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	196-1571	1	SUPPORT AS					
	2	196-1599	1	FRAME AS					
	3	196-1569	1	SUPPORT AS					
	4	8T-4139	6	BOLT (L=30mm)					
	5	8T-4223	8	WASHER					
	6	7X-2553	2	BOLT (L=40mm)					
	7	9X-8257	4	WASHER					
	8	201-4534	2	PIN					
	9	176-1928	2	BRACKET AS					
	10	5D-4822	4	RING					
	11	207-0216	2	SPRING AS					
	12	196-1572	2	LATCH AS					
	13	258-0330	2	BRACKET AS					
	14	6C-8382	2	SPRING					
	15	4I-6602	8	BOSS					
	16	8T-4192	2	BOLT (L=25mm)					
	17	201-4535	2	PIN					
	18	096-4882	2	NUT					
	19	7Y-0623	2	NUT					
	20	8T-4224	4	WASHER					

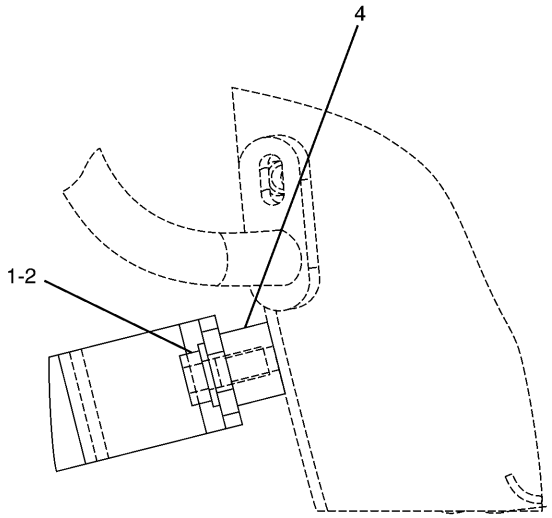
H88095E 06

164-0534 GUARD GP-FRONT WINDOW
An Attachment

OPERATOR STATION



FRONT VIEW



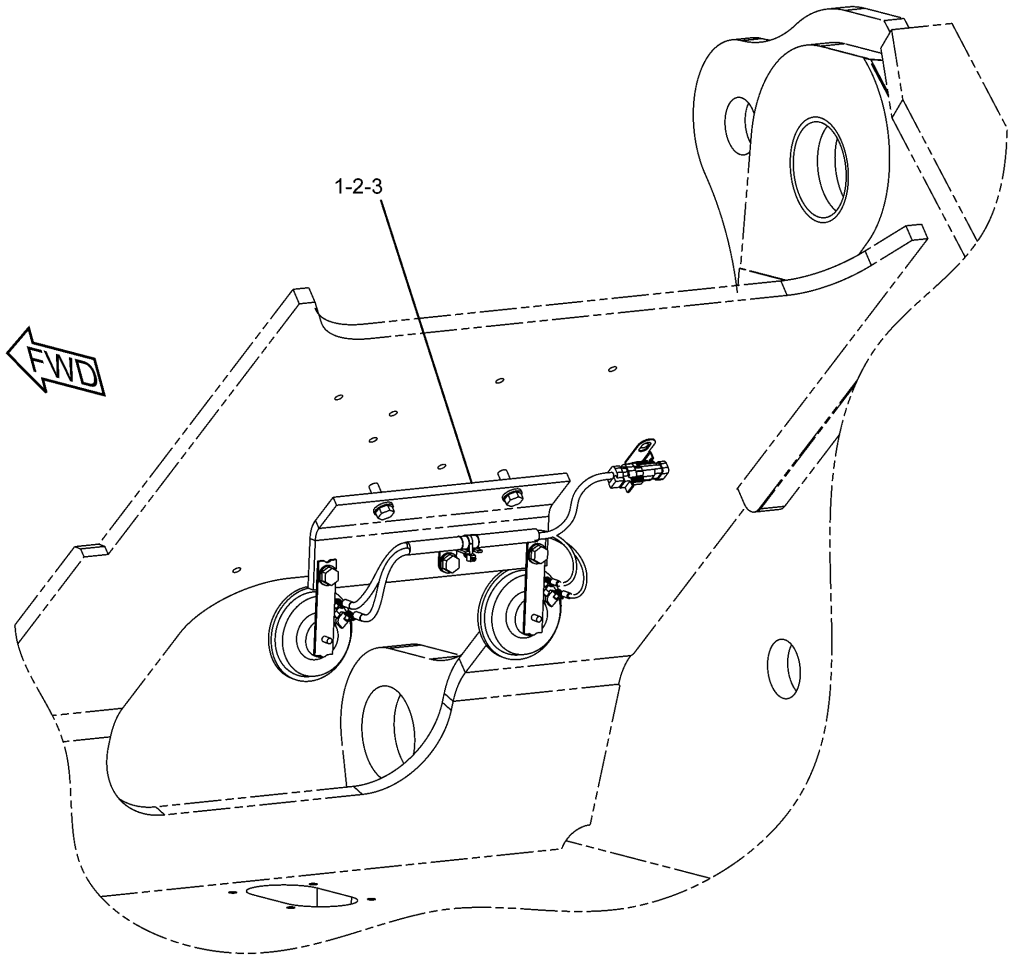
A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-4192	4	BOLT (L=25mm)					
	2	8T-4223	4	WASHER					
	3	167-7055	1	FRAME AS					
	4	4I-6602	4	BOSS					

H74610E 02

164-0535 GUARD GP-FRONT WINDOW
An Attachment

OPERATOR STATION



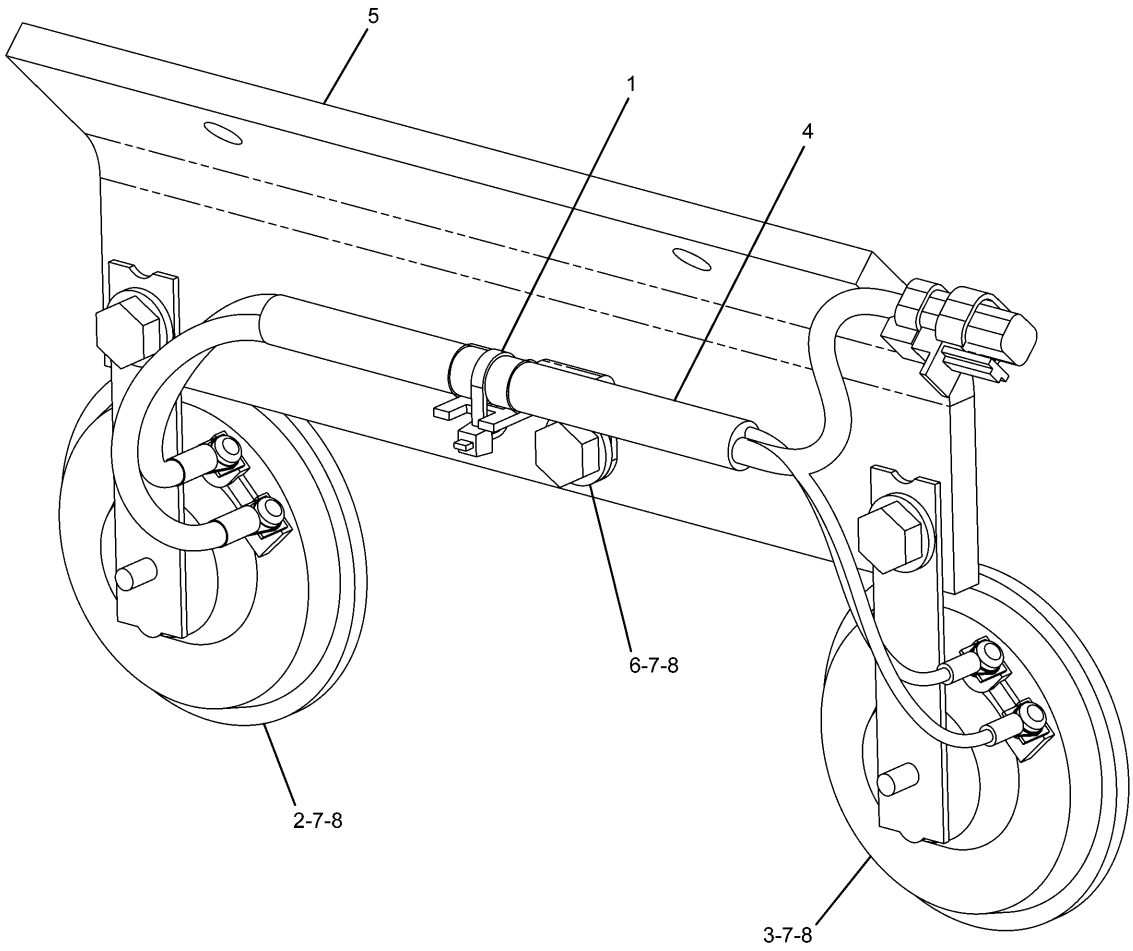
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	291-7559	1	HORN GP					
	2	8T-4121	2	WASHER					
	3	8T-4195	2	BOLT (L=30mm)					

Y—SEE SEPARATE ILLUSTRATION

H93537E 01

267-8071 HORN GP-ELECTRIC
291-7559-Page664

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	1	STRAP					
	2	7Y-3919	1	HORN AS					
		095-0826	2	LOCKWASHER					
		095-7930	2	SCREW					
	3	7Y-3920	1	HORN AS					
		095-0826	2	LOCKWASHER					
		095-7930	2	SCREW					
Y	4	291-7560	1	HARNESS AS					
	5	291-7561	1	BRACKET					
	6	132-5789	1	CLIP					
	7	8T-4121	3	WASHER					
	8	8T-4191	3	BOLT (L=16mm)					

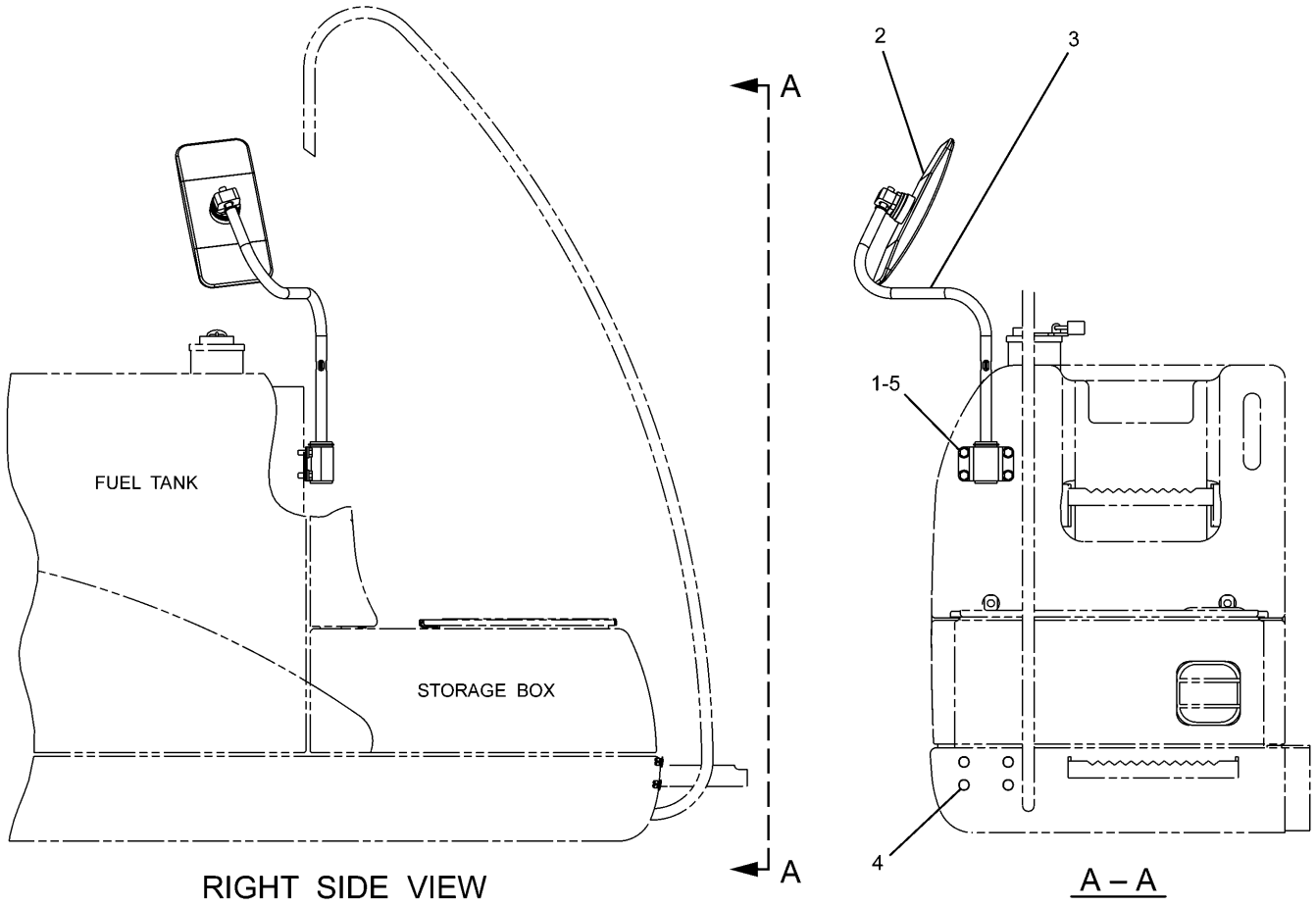
Y—SEE SEPARATE ILLUSTRATION

H93540E 00

291-7559 HORN GP-ELECTRIC

Part of 267-8071-Page663
291-7560-Page229

OPERATOR STATION



RIGHT SIDE VIEW

A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2M-0849	4	WASHER					
	2	137-2270	1	MIRROR					
	3	165-3065	1	BAR AS					
	4	177-6315	4	PLUG					
	5	8T-4192	4	BOLT (L=25mm)					

H88913E 08

142-3836 MIRROR GP-REAR VIEW

OPERATOR STATION

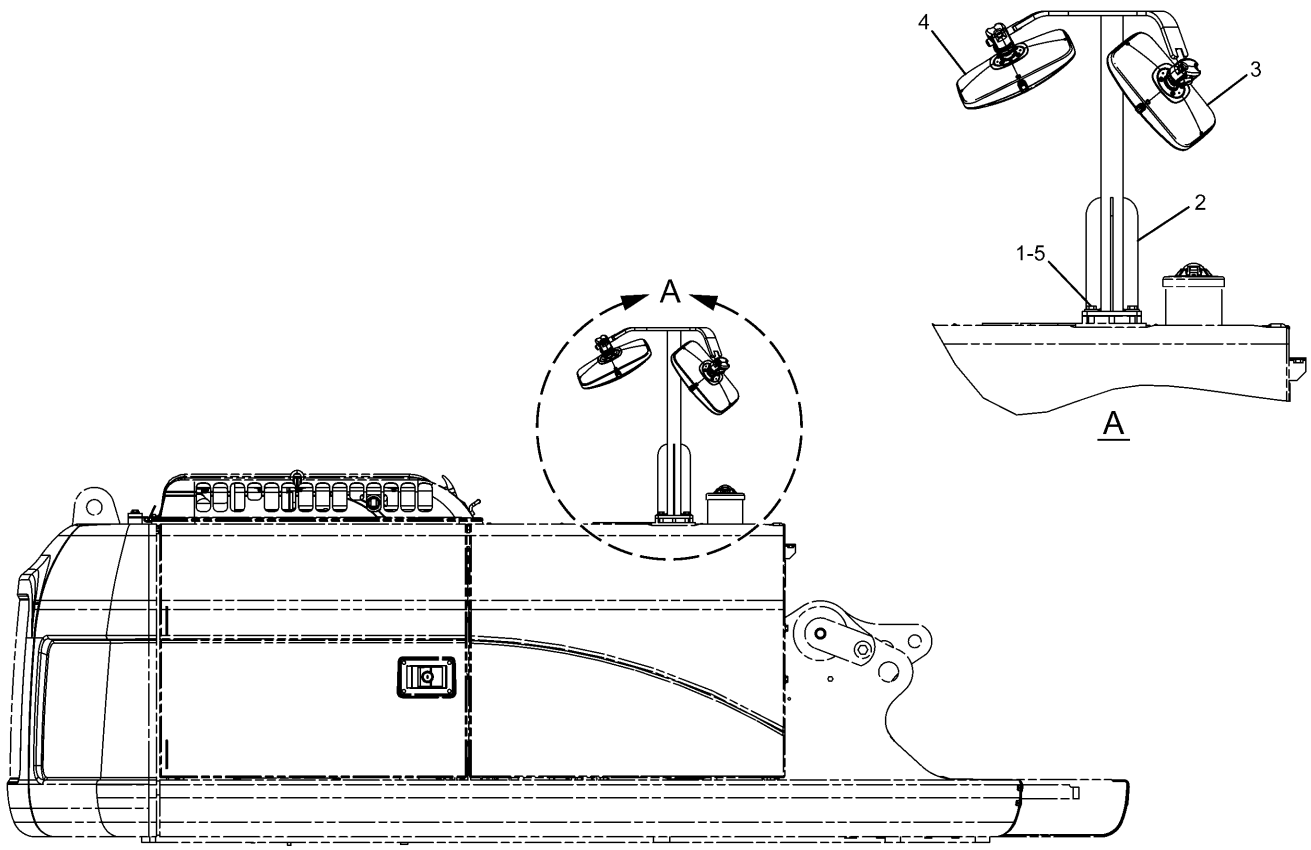
Consists of :

			Page
1	327-3191	TANK & MTG GP-FUEL	84.01
1	330-1162	MIRROR GP	665.02
1	330-1166	FENDER & COVER GP	261.01
1	330-1426	HOOD GP	250.01

HA0903E 00

330-1194 MIRROR AR
Part of 314-3734-Page665.05
An Attachment

OPERATOR STATION



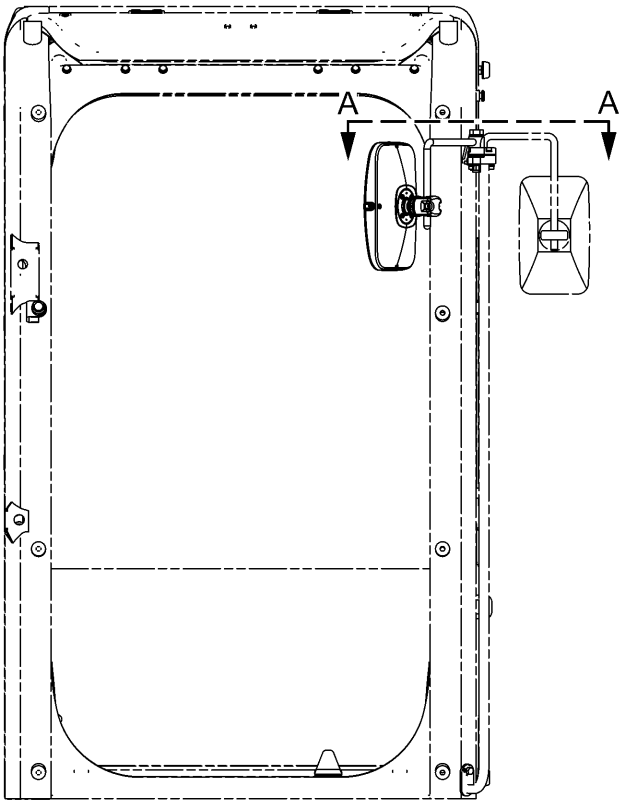
RIGHT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-4139	3	BOLT (L=30mm)					
	2	320-5525	1	PIPE AS					
	3	327-3062	1	MIRROR GP					
		8T-0269	2	BOLT (L=20mm)					
		9X-8256	2	WASHER					
	4	327-3063	1	MIRROR GP					
		8T-0269	2	BOLT (L=20mm)					
		9X-8256	2	WASHER					
	5	5P-1076	3	WASHER					

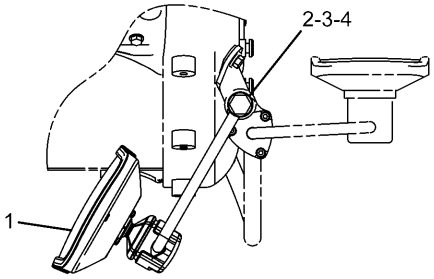
HA0818E 00

330-1162 MIRROR GP
Side
Part of 330-1194-Page665.01
An Attachment

OPERATOR STATION



FRONT VIEW



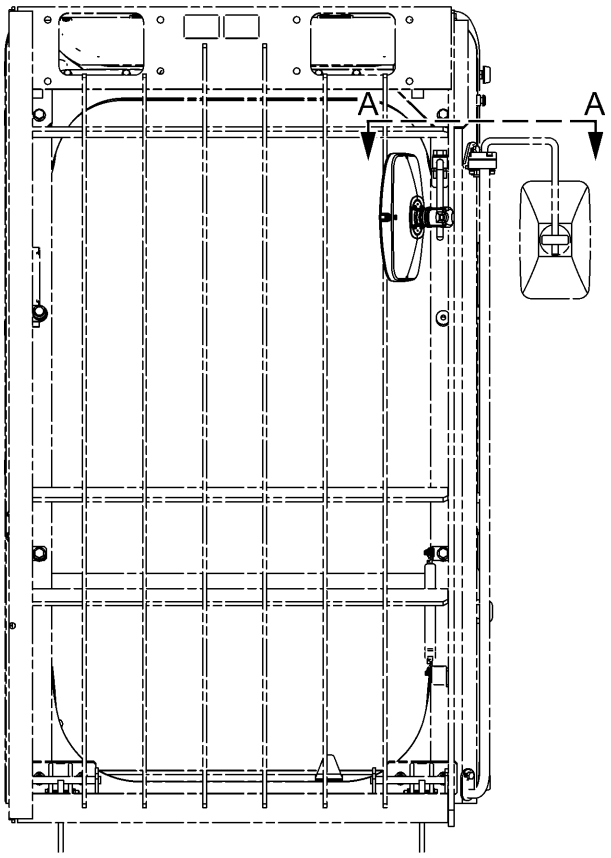
A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	327-6550	1	MIRROR GP					
		8T-0269	2	BOLT (L=20mm)					
		9X-8256	2	WASHER					
	2	327-6576	1	SUPPORT AS					
	3	7X-2555	1	BOLT (L=80mm)					
	4	9X-8257	1	WASHER					

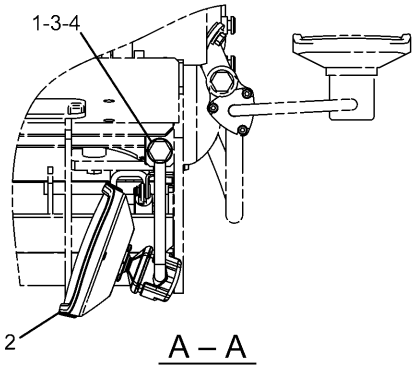
HA0801E 00

327-6552 MIRROR GP
With Out Cab Guard
An Attachment

OPERATOR STATION



FRONT VIEW



A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	316-8989	1	SUPPORT AS					
	2	327-6550	1	MIRROR GP					
		8T-0269	2	BOLT (L=20mm)					
		9X-8256	2	WASHER					
	3	8T-4193	1	BOLT (L=50mm)					
	4	9X-8257	1	WASHER					

HA0802E 00

327-6553 MIRROR GP
With Cab Guard
An Attachment

OPERATOR STATION

Consists of :

			Page
1	314-3740	INSTALLATION AR	665.05
1	330-1194	MIRROR AR	665.01

HA1566E 00

314-3734 INSTALLATION AR
An Attachment

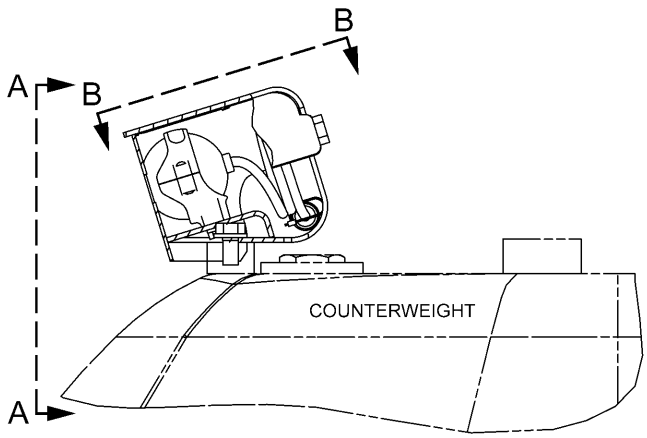
Consists of :

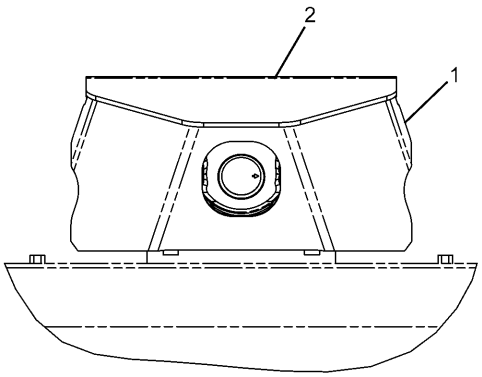
			Page
1	324-5774	WIRING GP	189.01
1	327-3329	MOUNTING GP	665.06
1	328-0048	WIRING GP-CAB	189.03

HA0902E 00

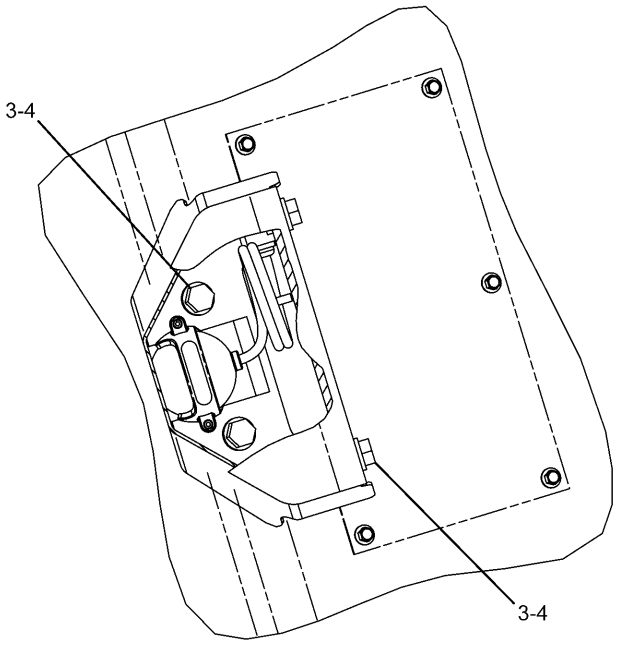
314-3740 INSTALLATION AR
Part of 314-3734-Page665.05
An Attachment

OPERATOR STATION





A – A



B – B

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	313-7833	1	BRACKET GP					
	2	320-5396	1	COVER					
	3	8T-4121	4	WASHER					
	4	8T-4137	4	BOLT (L=20mm)					

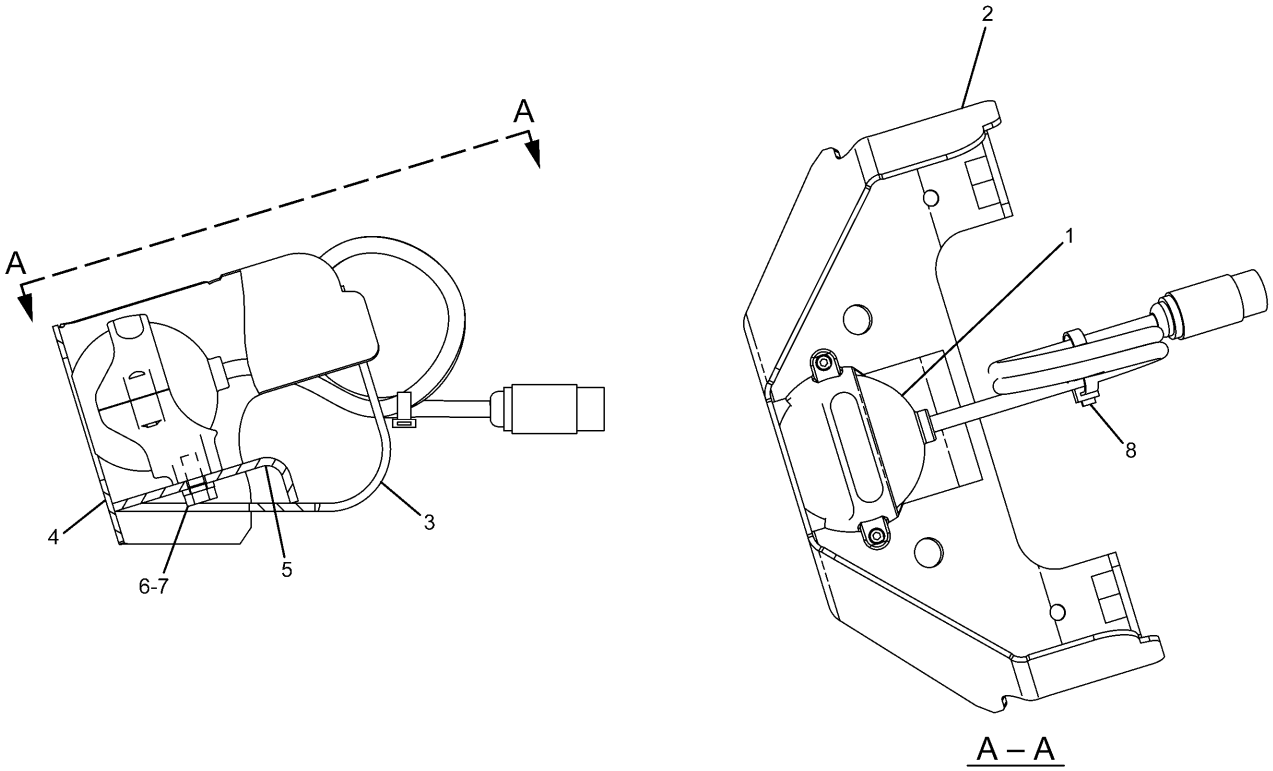
Y—SEE SEPARATE ILLUSTRATION

HA0797E 00

327-3329 MOUNTING GP

Part of 314-3740-Page665.05
313-7833-Page665.07
An Attachment

OPERATOR STATION



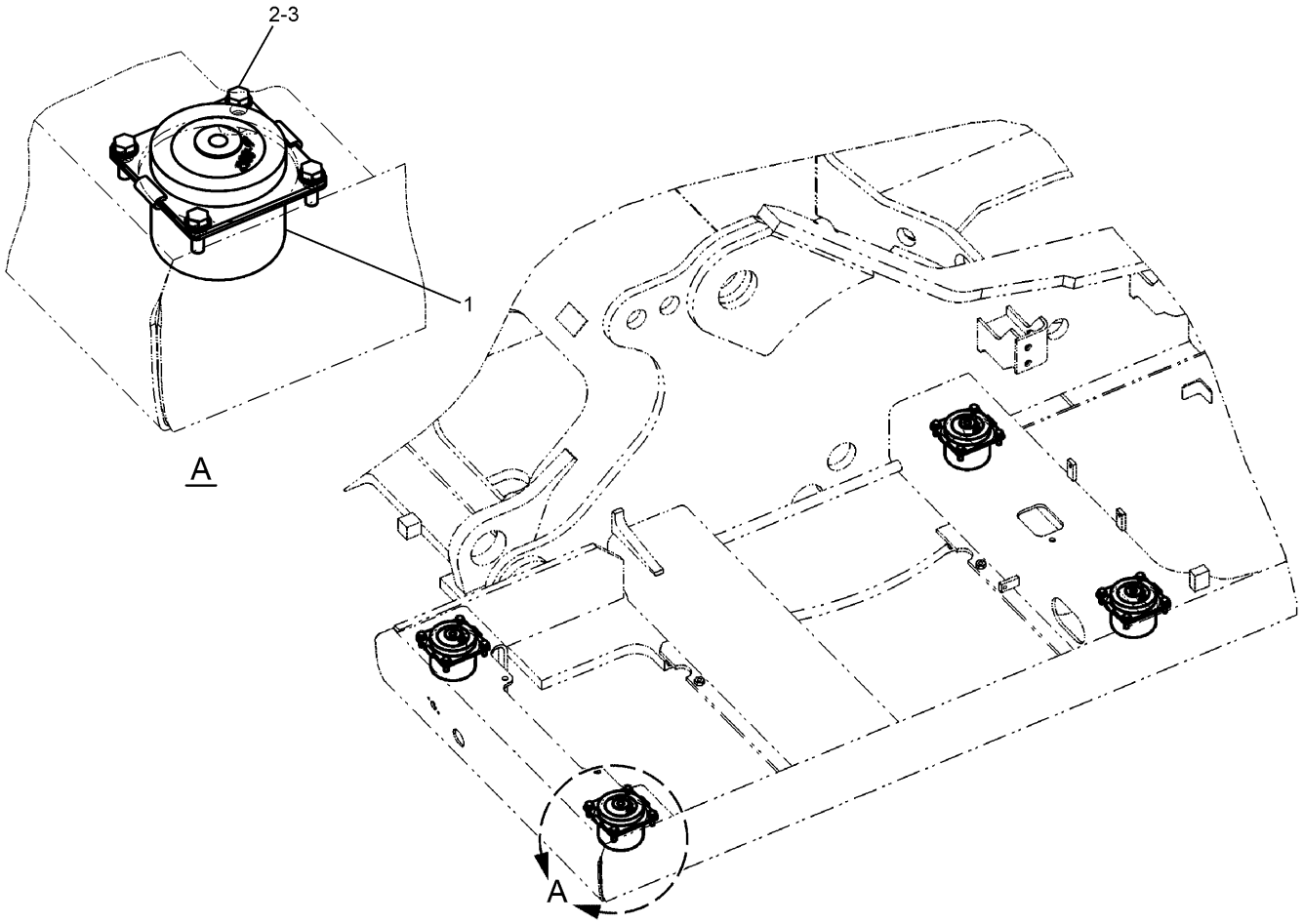
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	286-4271	1	CAMERA GP					
		251-4162	1	CAMERA KIT					
	2	320-5392	1	BRACKET AS					
	3	320-5393	1	SHEET					
	4	320-5394	1	SHEET					
	5	320-5395	1	SHEET					
	6	8T-4970	2	BOLT (L=14mm)					
	7	9X-8256	2	WASHER					
	8	096-0061	1	STRAP					

HA0798E 03

313-7833 BRACKET GP-MTG
Part of 327-3329-Page665.06
An Attachment

MEMORANDA

OPERATOR STATION

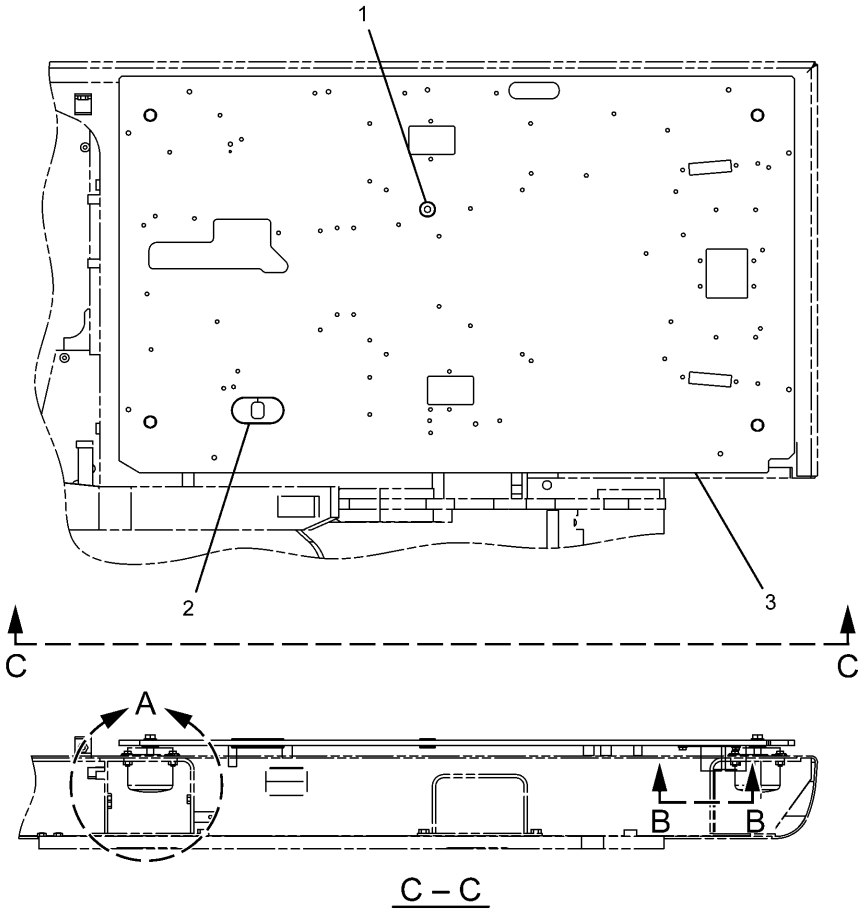


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	235-8862	4	MOUNT AS					
	2	8T-4121	16	WASHER					
	3	8T-4195	16	BOLT (L=30mm)					

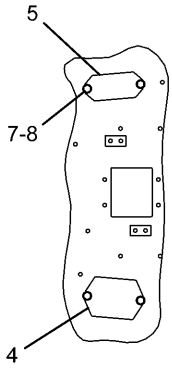
H87527E 00

245-7811 MOUNTING GP-PLATFORM

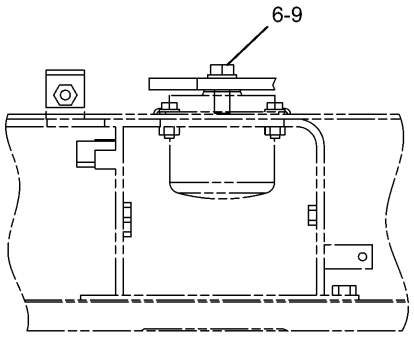
OPERATOR STATION



C – C



B – B



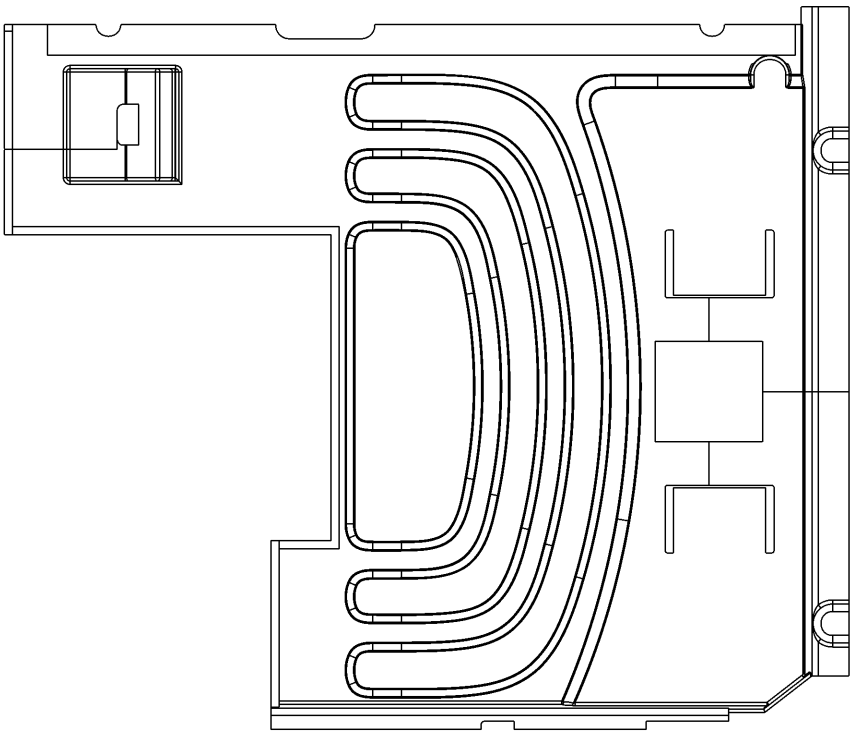
A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	135-8965	1	GROMMET					
	2	135-8966	1	GROMMET					
	3	245-7916	1	PLATFORM AS					
	4	161-3717	1	STRIP					
	5	4I-3266	1	STRIP					
	6	7X-2553	4	BOLT (L=40mm)					
	7	8T-4121	4	WASHER					
	8	8T-4191	4	BOLT (L=16mm)					
	9	9X-8257	4	WASHER					

H90249E 04

229-9078 PLATFORM GP-OPERATOR

OPERATOR STATION

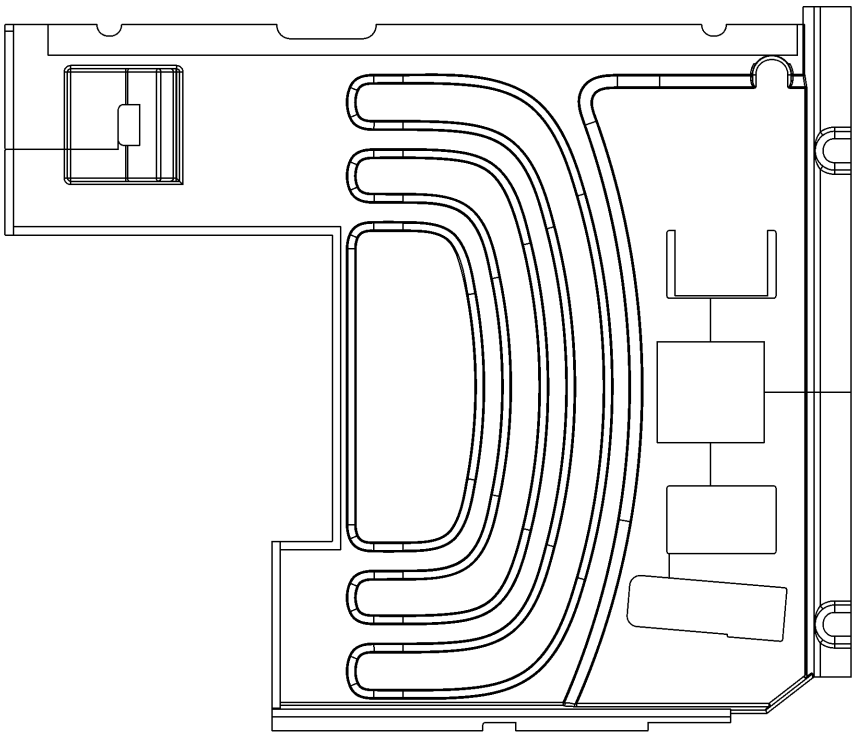


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME

H93531E 04

240-5071 FLOORMAT
An Attachment

OPERATOR STATION

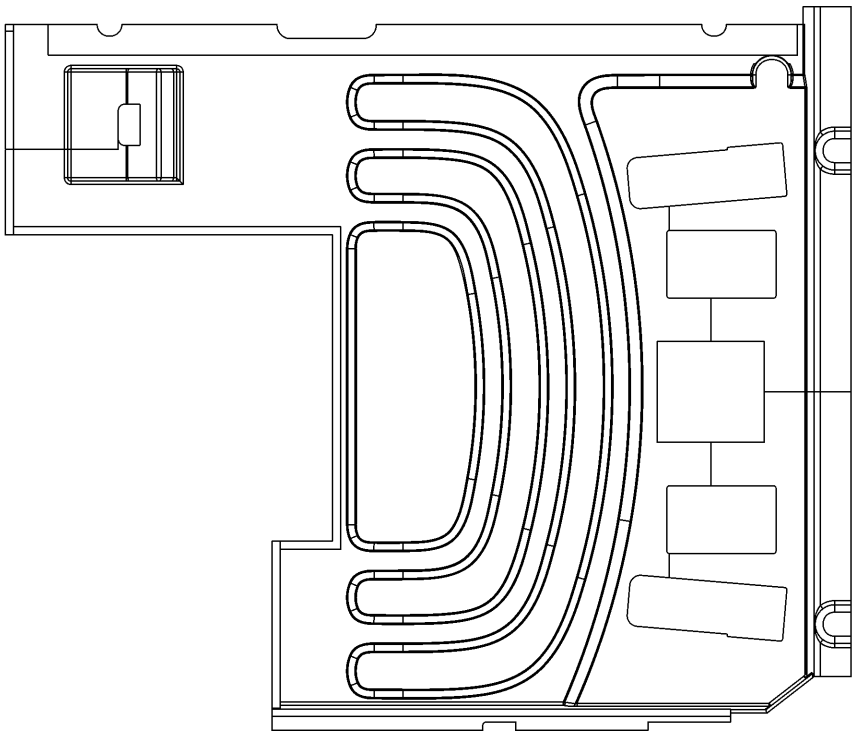


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME

H93532E 05

240-5073 FLOORMAT
An Attachment

OPERATOR STATION

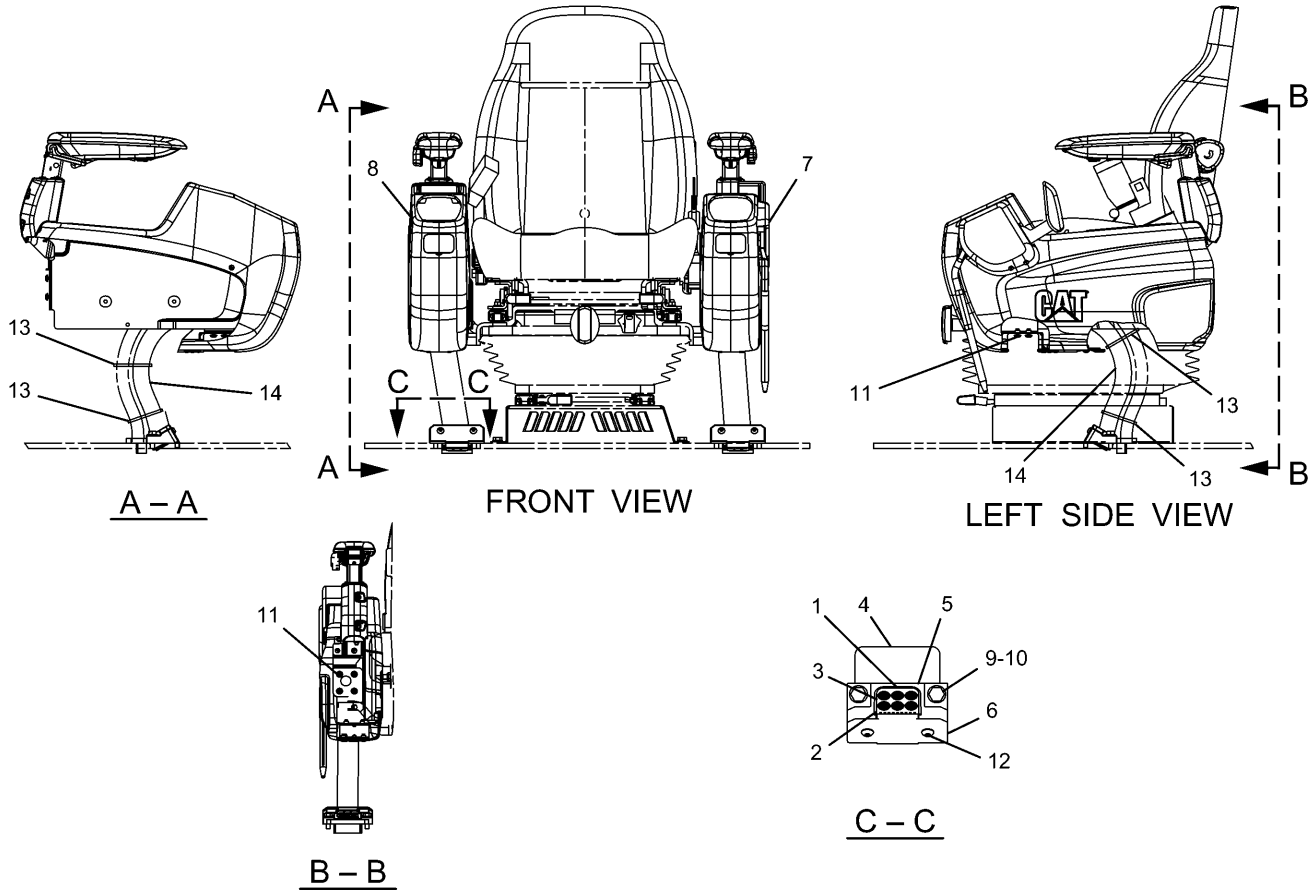


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME

H93530E 04

245-7794 FLOORMAT
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	176-1916	2	GROMMET					
	2	178-5422	2	GROMMET					
	3	178-5423	2	GROMMET					
	4	185-8161	2	INSULATOR					
	5	235-8893	2	SUPPORT					
	6	235-8894	2	SUPPORT					
Y	7	259-7349	1	CONSOLE GP					
Y	8	259-7348	1	CONSOLE GP					
	9	8T-4121	4	WASHER					
	10	8T-4195	4	BOLT (L=30mm)					
	11	9X-2043	16	SCREW					
	12	9X-2045	4	SCREW					
	13	7K-1181	4	STRAP					
	14	122-9617	2	GUARD					

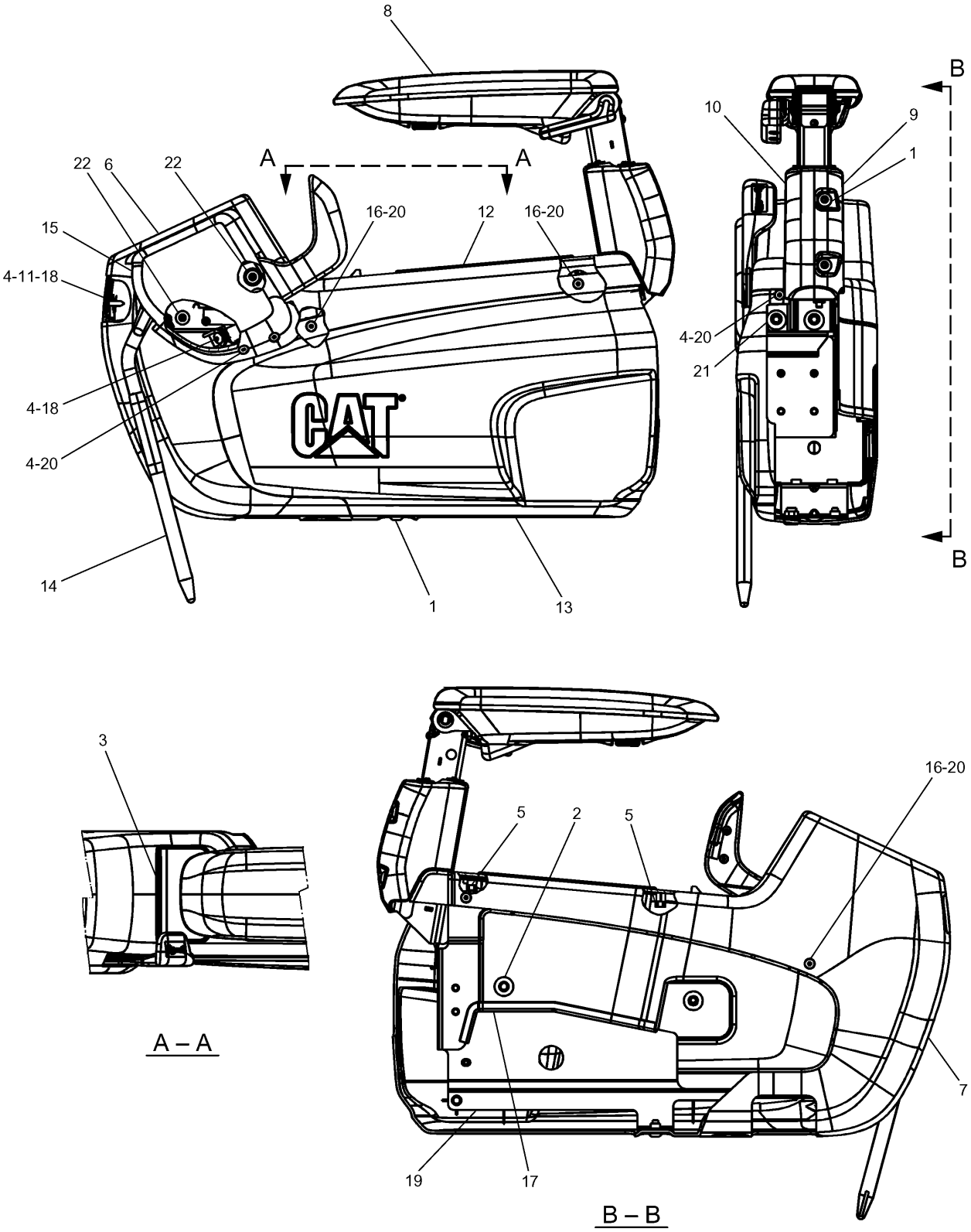
Y—SEE SEPARATE ILLUSTRATION

H90257E 01

245-7922 CONSOLE GP-OPERATOR

259-7349-Page672,259-7348-Page674

OPERATOR STATION



H90478E 00

259–7349 CONSOLE GP
Left Hand
Part of 245–7922–Page671
259–7347–Page676,234–6613–Page678

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	128-2135	5	SCREW					
	2	171-7325	3	SCREW					
	3	259-7202	1	ASHTRAY					
	4	234-6579	6	NUT					
	5	234-6580	4	CAP					
	6	234-6603	1	COVER					
	7	234-6605	1	COVER					
Y	8	259-7347	1	ARMREST GP					
	9	234-6608	1	COVER					
	10	234-6609	1	COVER					
	11	234-6610	1	COVER					
	12	234-6611	1	CASE					
	13	234-6612	1	COVER					
Y	14	234-6613	1	LEVER AS					
	15	234-6614	1	COVER					
	16	235-8914	4	NUT					
	17	235-8965	1	GUARD					
	18	245-7790	3	SCREW					
	19	245-7925	1	SUPPORT AS					
	20	245-7948	7	SCREW					
	21	9X-2041	3	SCREW					
	22	9X-2042	2	SCREW					

Y—SEE SEPARATE ILLUSTRATION

H90478E 00

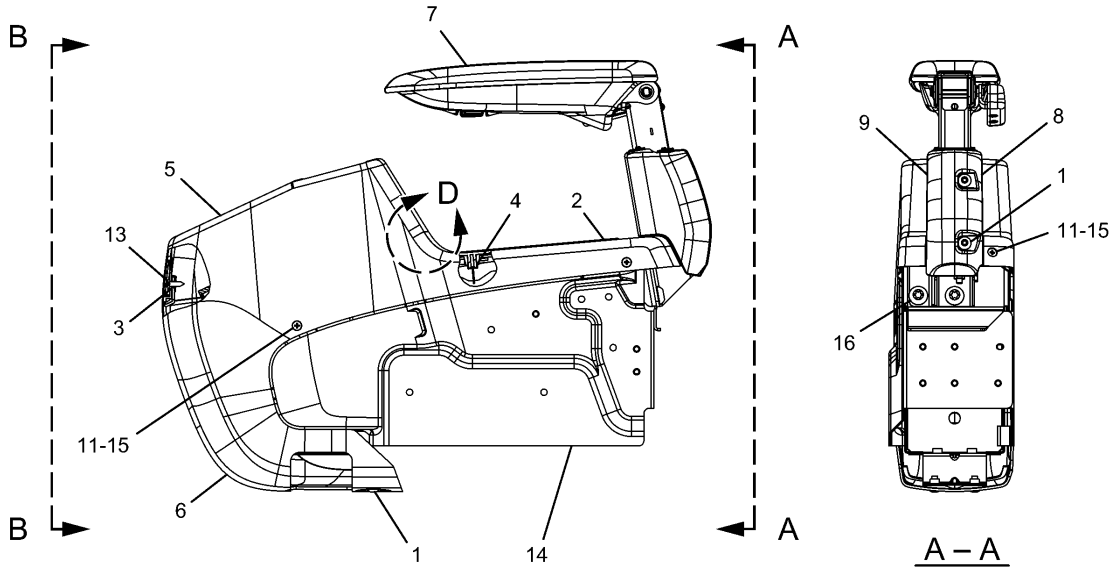
259-7349 CONSOLE GP

Left Hand

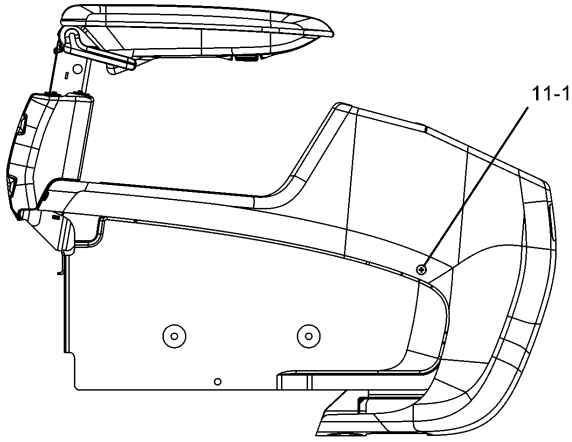
Part of 245-7922-Page671

259-7347-Page676,234-6613-Page678

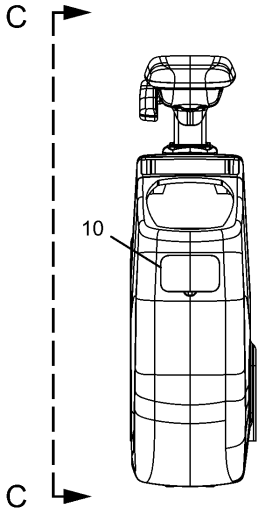
OPERATOR STATION



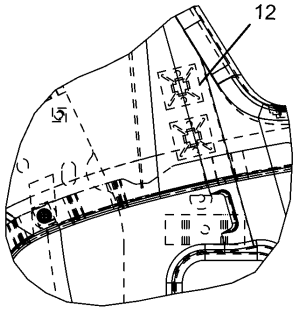
A – A



C – C



B – B



D

H90477E 00

259–7348 CONSOLE GP

Right Hand

Part of 245–7922–Page671
259–7346–Page677

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	128-2135	4	SCREW					
	2	185-8284	1	COVER					
	3	234-6579	2	NUT					
	4	234-6580	2	CAP					
	5	234-6602	1	COVER					
	6	234-6604	1	COVER					
Y	7	259-7346	1	ARMREST GP					
	8	234-6608	1	COVER					
	9	234-6609	1	COVER					
	10	234-6610	1	COVER					
	11	235-8914	4	NUT					
	12	235-8966	2	BASE					
	13	245-7790	2	SCREW					
	14	245-7926	1	SUPPORT AS					
	15	245-7948	4	SCREW					
	16	9X-2041	3	SCREW					

Y—SEE SEPARATE ILLUSTRATION

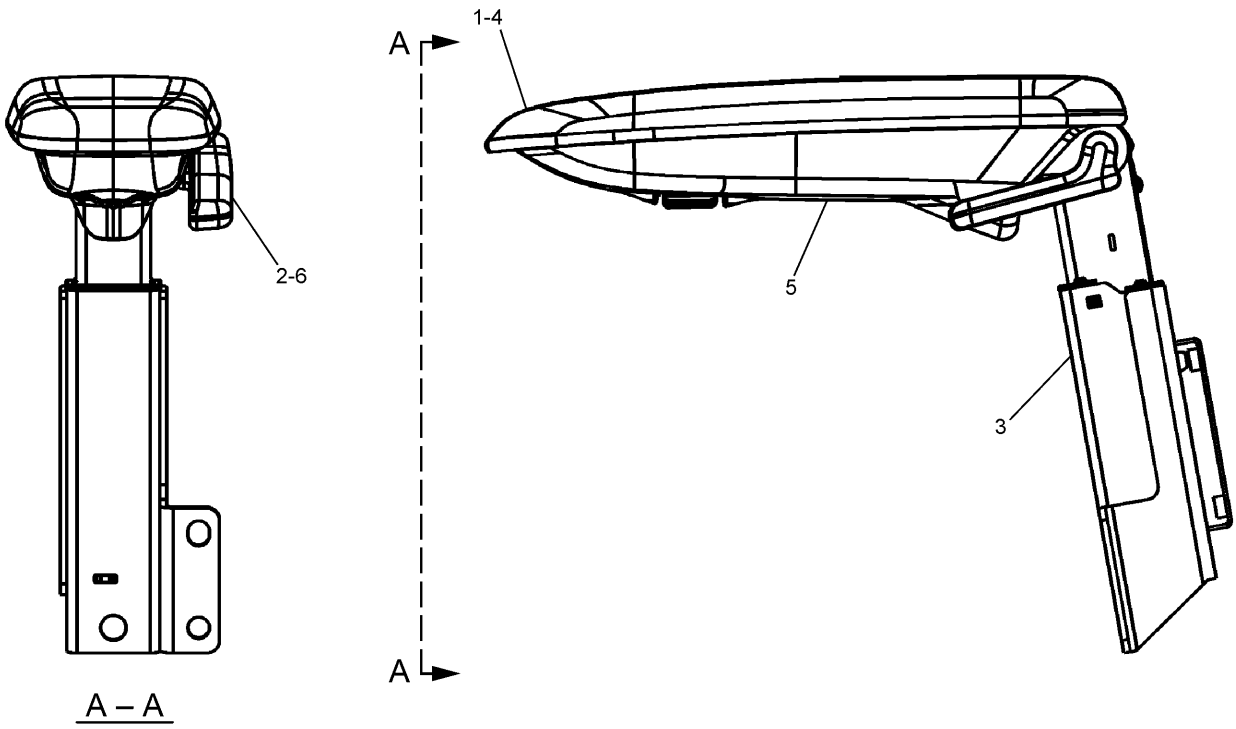
H90477E 00

259-7348 CONSOLE GP

Right Hand

Part of 245-7922-Page671
259-7346-Page677

OPERATOR STATION

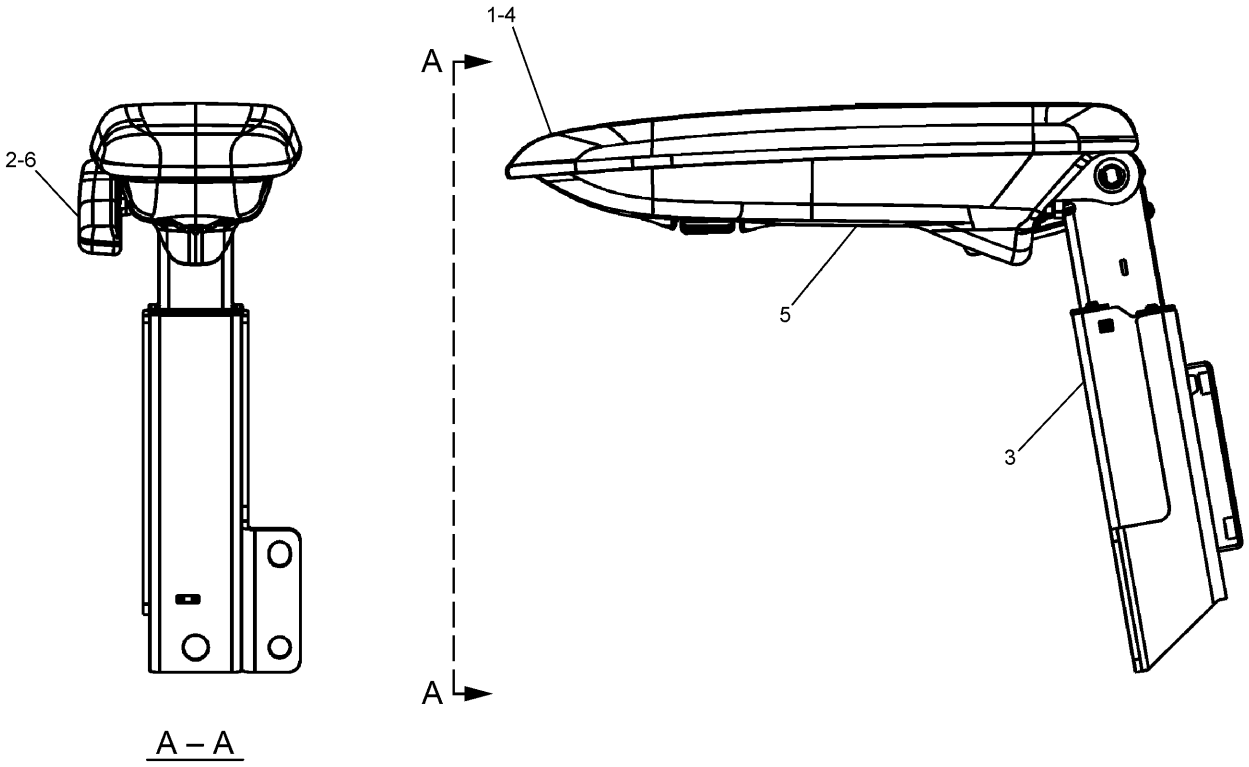


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	171-7325	3	SCREW					
	2	185-8286	2	SCREW					
	3	235-8952	1	SUPPORT AS					
	4	259-7345	1	CUSHION					
	5	235-8996	1	COVER					
	6	235-8998	1	KNOB					

H90361E 00

259-7347 ARMREST GP
Part of 259-7349-Page673

OPERATOR STATION

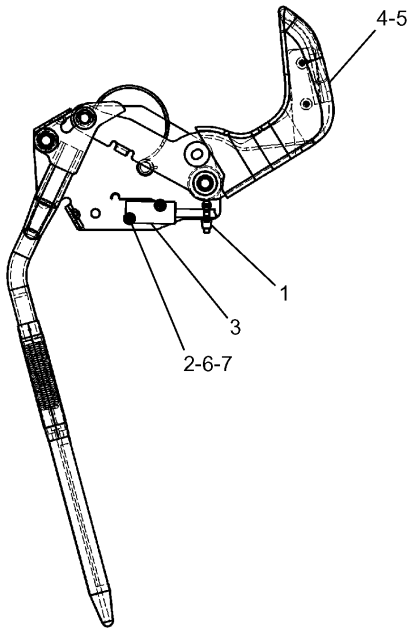


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	171-7325	3	SCREW					
	2	185-8286	2	SCREW					
	3	235-8951	1	SUPPORT AS					
	4	259-7345	1	CUSHION					
	5	235-8996	1	COVER					
	6	235-8997	1	KNOB					

H90360E 00

259-7346 ARMREST GP
Part of 259-7348-Page675

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	1	STRAP
	2	4I-3038	2	WASHER
Y	3	111-4799	1	SWITCH AS
	4	185-8286	2	SCREW
	5	234-6615	1	KNOB
	6	087-4683	2	LOCKWASHER
	7	120-9027	2	SCREW

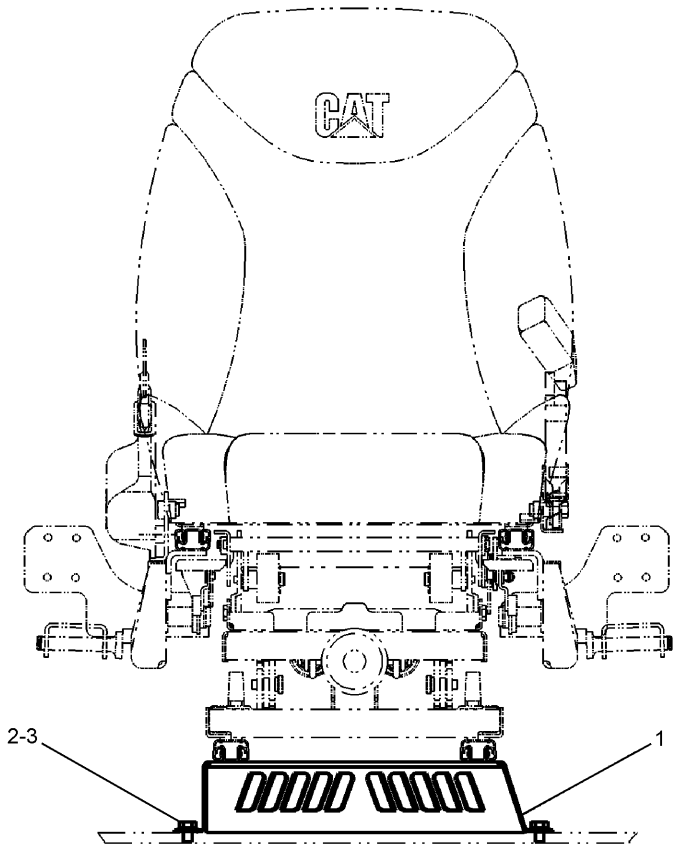
Y—SEE SEPARATE ILLUSTRATION

H93582E 05

234-6613 LEVER AS

Part of 259-7349-Page673
111-4799-Page228

OPERATOR STATION



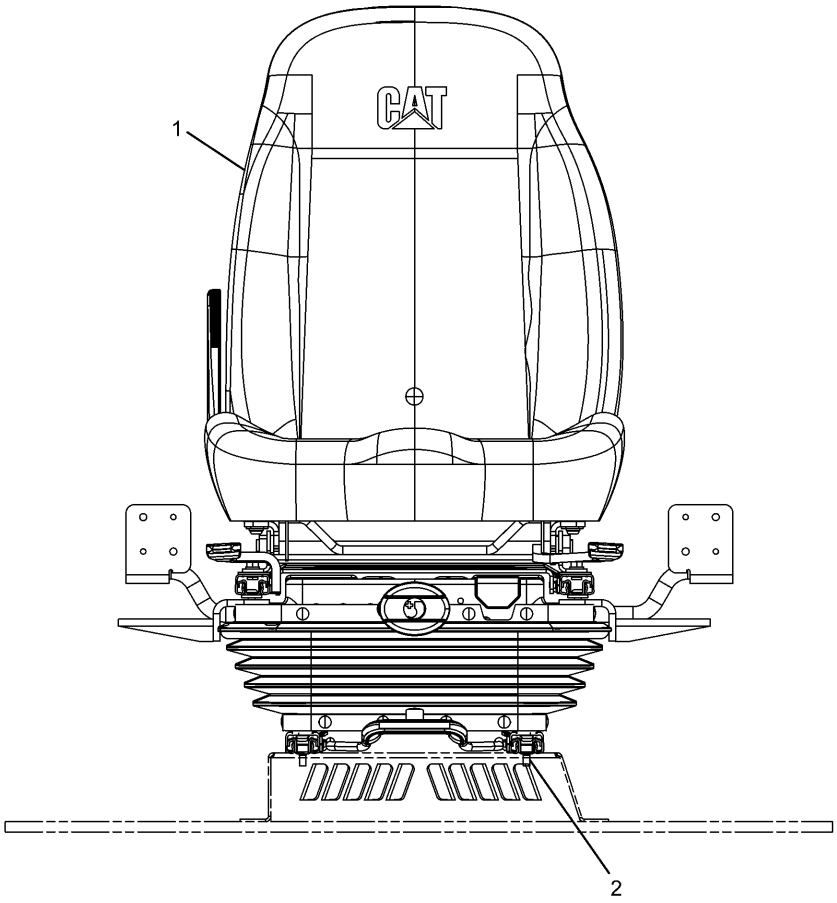
FRONT VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	235-8857	1	SUPPORT AS					
	2	8T-4121	4	WASHER					
	3	8T-4191	4	BOLT (L=16mm)					

H87531E 01

235-8856 SUPPORT GP-SEAT

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	235-9028	1	SEAT GP					
	2	6V-8202	4	BOLT (L=16mm)					

Y—SEE SEPARATE ILLUSTRATION

H89874E 00

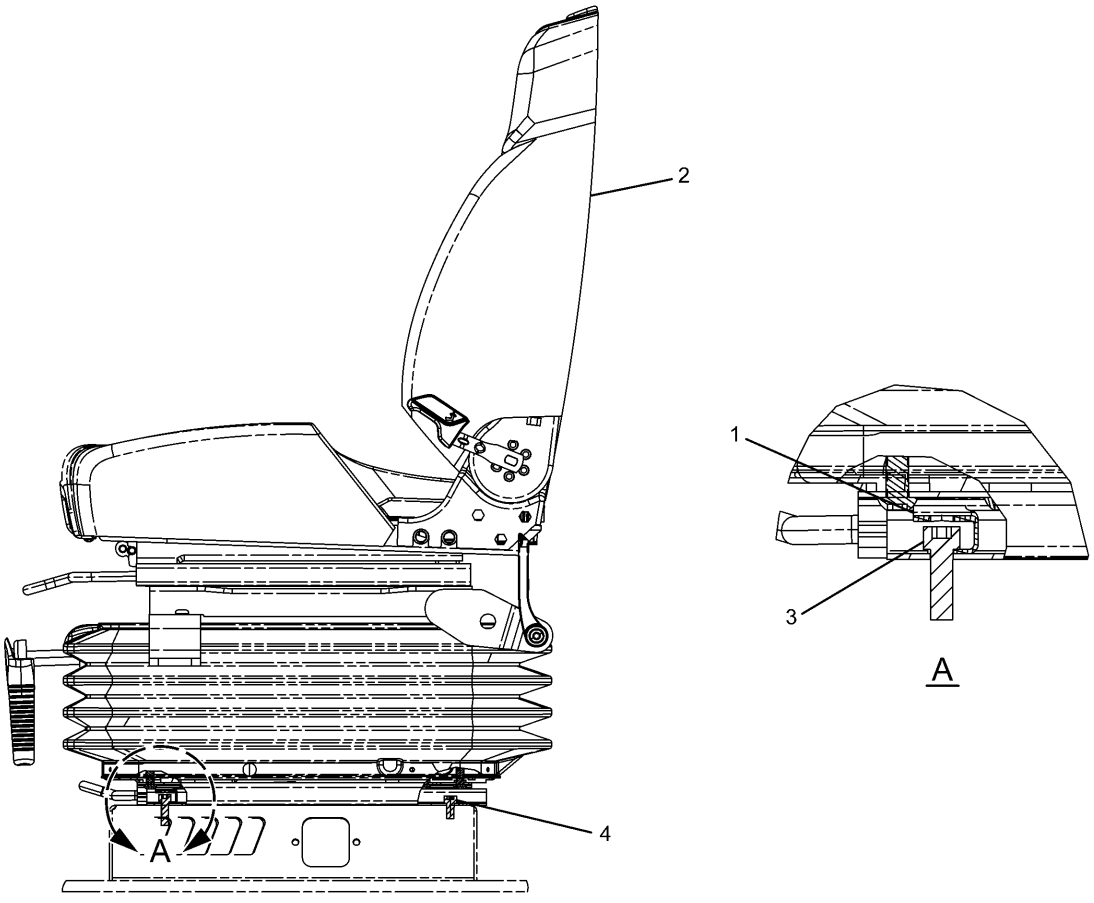
240-5001 SEAT GP

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)

235-9028-Page681

An Attachment

OPERATOR STATION



LEFT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	316-8987	2	BRACKET					
Y	2	327-6505	1	SEAT GP					
	3	5A-3604	2	BOLT (L=25mm)					
	4	6V-8202	2	BOLT (L=16mm)					

Y—SEE SEPARATE ILLUSTRATION

HA1699E 01

327-6499 SEAT GP

KAB K1

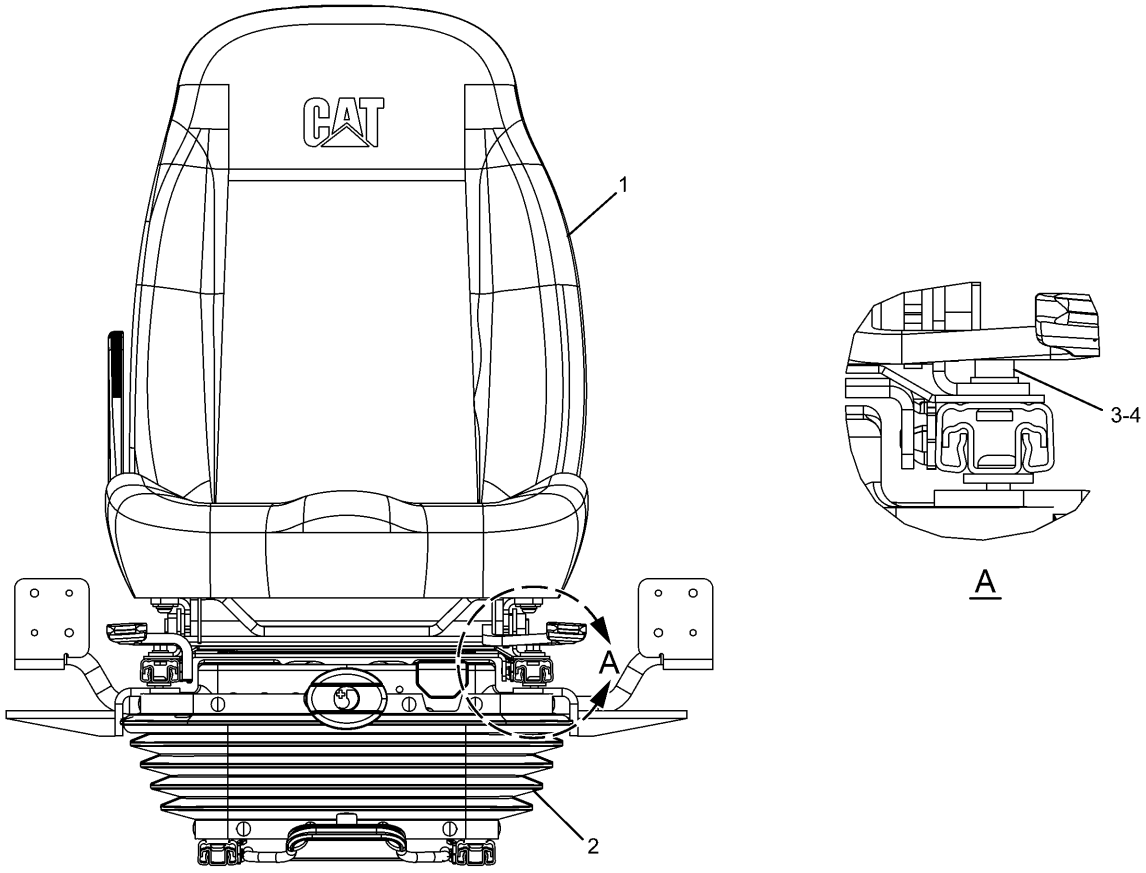
S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up

327-6505-Page681.01

An Attachment

MEMORANDA

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	229-9076	1	SEAT GP					
Y	2	229-9095	1	SUPPORT GP					
	3	5C-7261	4	NUT					
	4	8T-4224	4	WASHER					

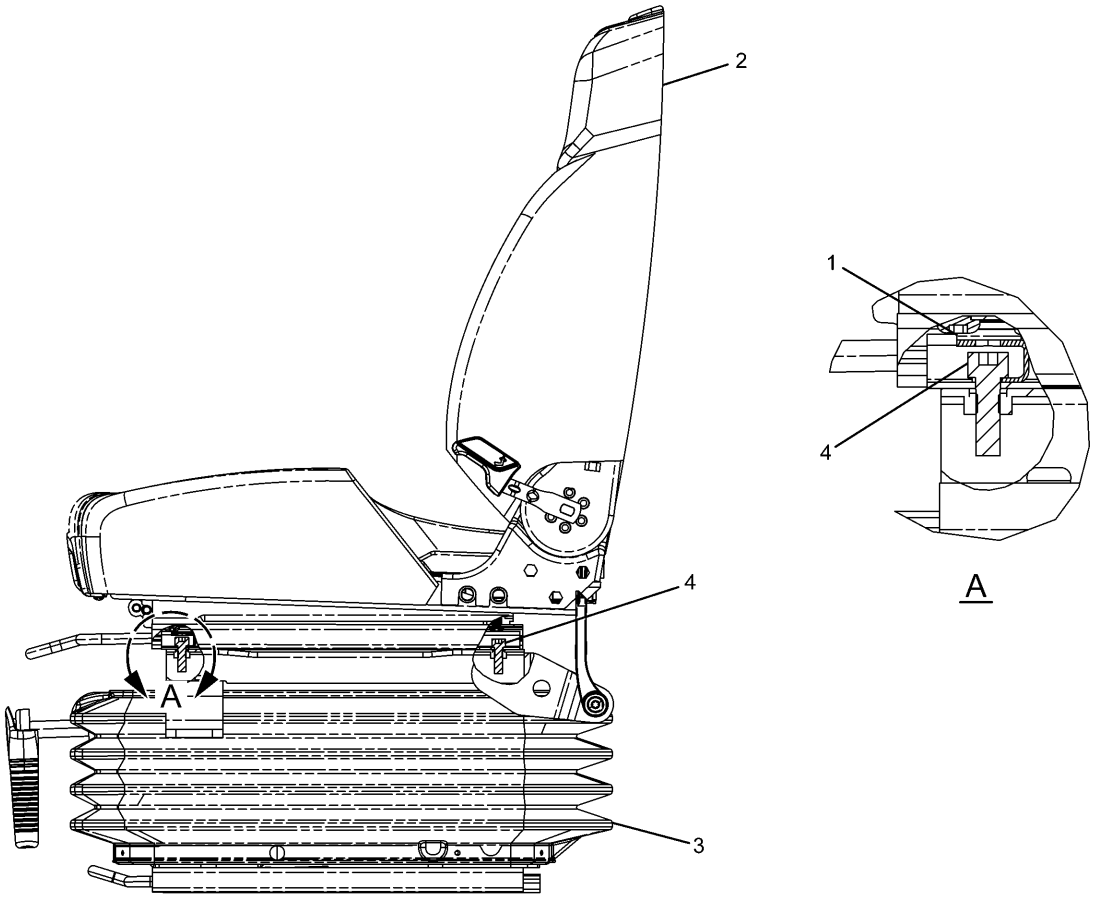
Y—SEE SEPARATE ILLUSTRATION

H91456E 01

235-9028 SEAT GP

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 240-5001-Page680
229-9076-Page682,229-9095-Page685
An Attachment

OPERATOR STATION



LEFT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	316-8987	2	BRACKET					
Y	2	327-6511	1	SEAT GP					
Y	3	327-6517	1	SUPPORT GP					
	4	5A-3604	4	BOLT (L=25mm)					

Y—SEE SEPARATE ILLUSTRATION

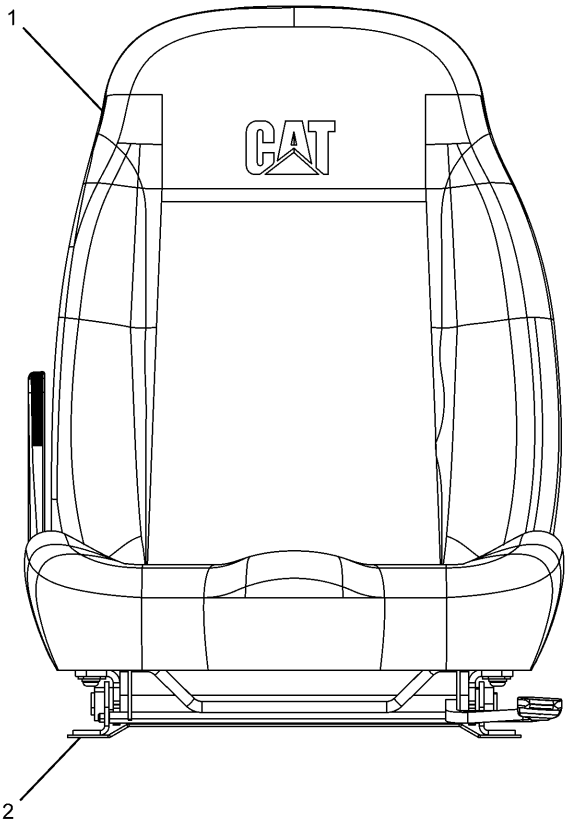
HA1504E 00

327-6505 SEAT GP

KAB K1
S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
Part of 327-6499-Page680.01
327-6511-Page682.01,327-6517-Page685.01
An Attachment

MEMORANDA

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	245-7883	1	SEAT KIT					
Y	2	245-7888	1	SUPPORT KIT					

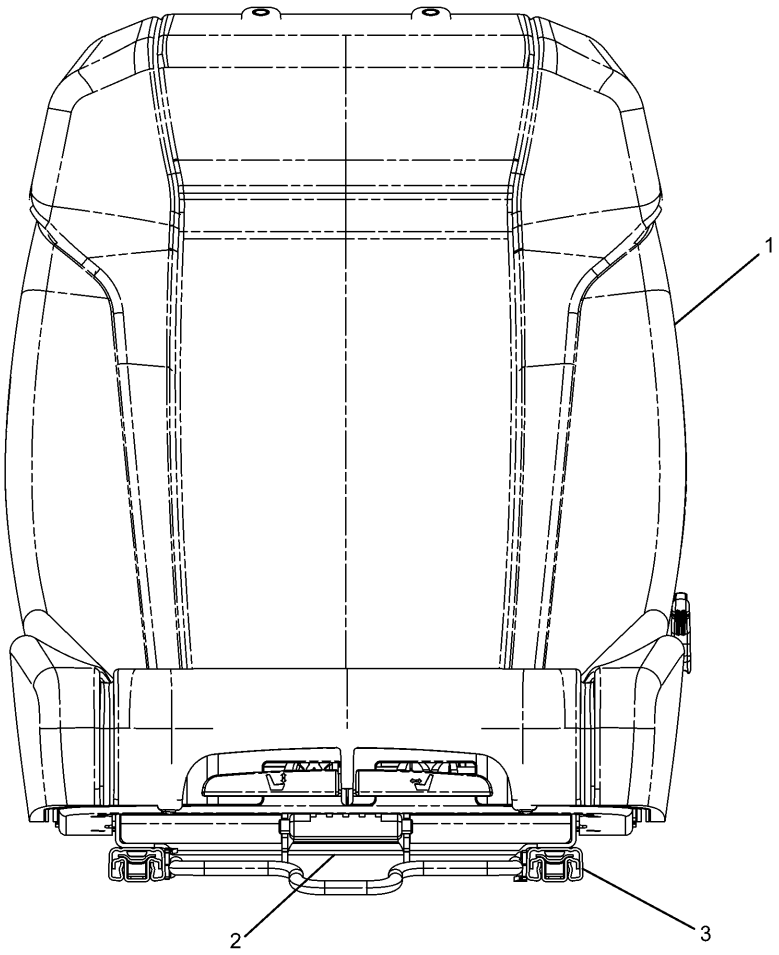
Y—SEE SEPARATE ILLUSTRATION

H89522E 01

229-9076 SEAT GP

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 235-9028-Page681,229-9075-Page695
245-7883-Page683,245-7888-Page684
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	327-6639	1	SEAT KIT					
	2	327-6642	1	ADJUSTER KIT					
	3	327-6643	1	ADJUSTER KIT					

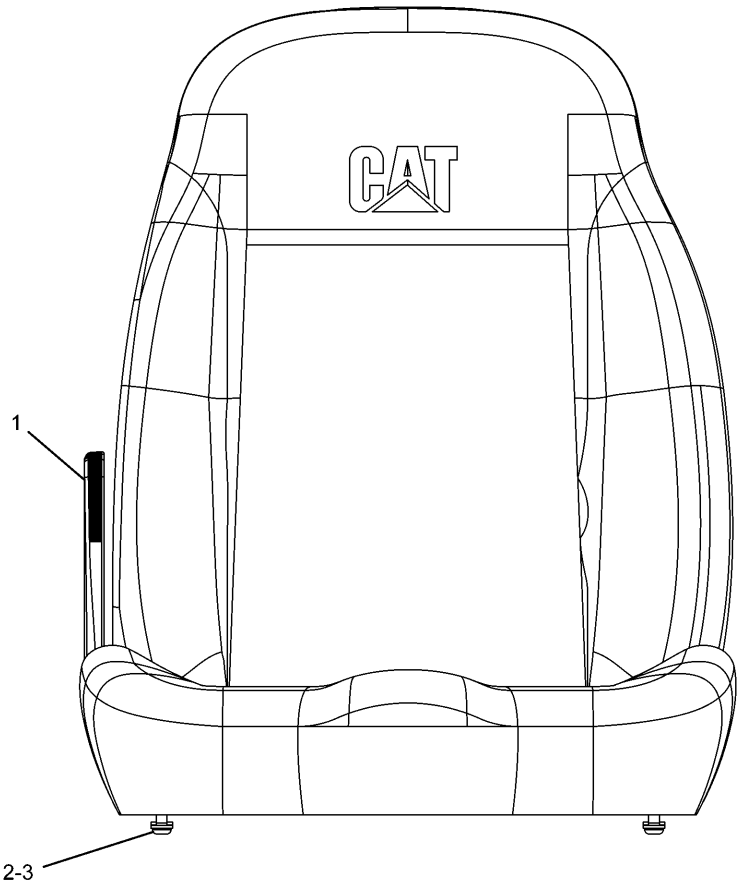
HA1481E 01

327-6511 SEAT GP

S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
Part of 327-6505-Page681.01,327-6506-Page695.01
An Attachment

MEMORANDA

OPERATOR STATION

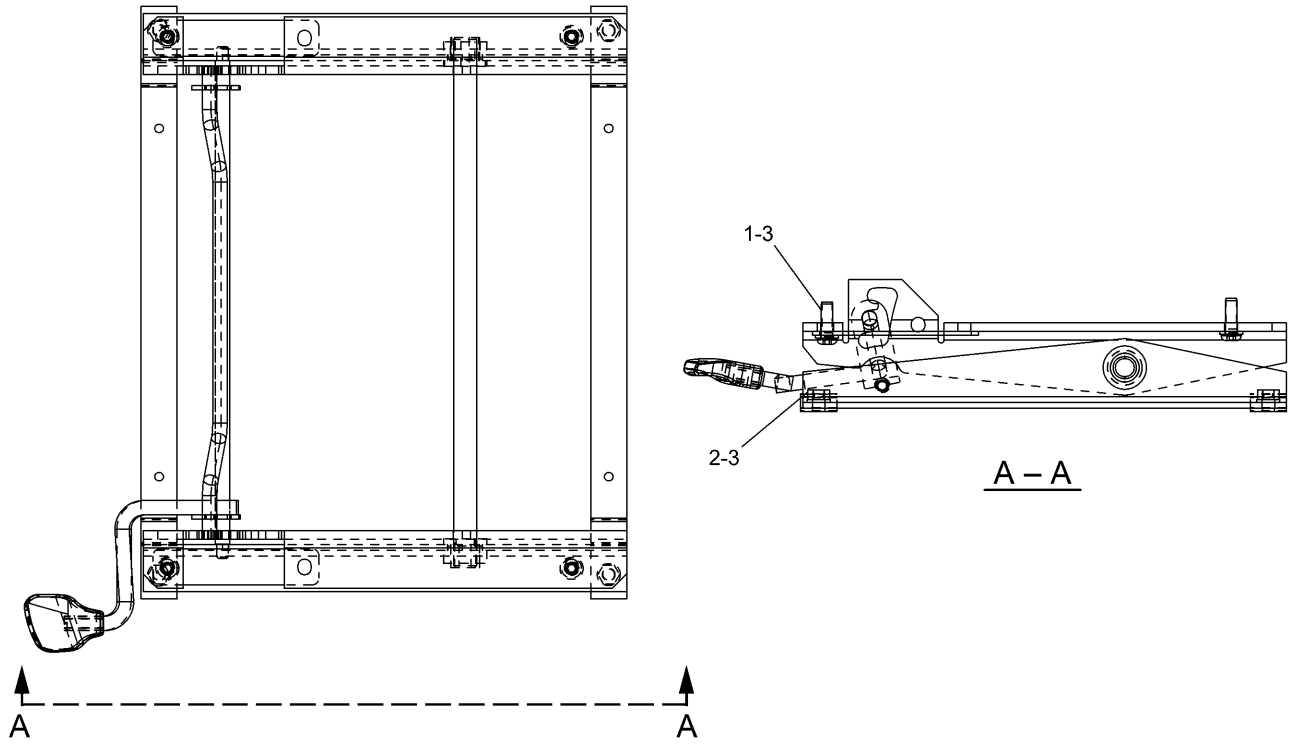


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	245-7887	1	LEVER KIT					
	2	245-7898	4	SCREW					
	3	8T-4224	4	WASHER					

H89524E 00

245-7883 SEAT KIT

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 229-9076-Page682
An Attachment



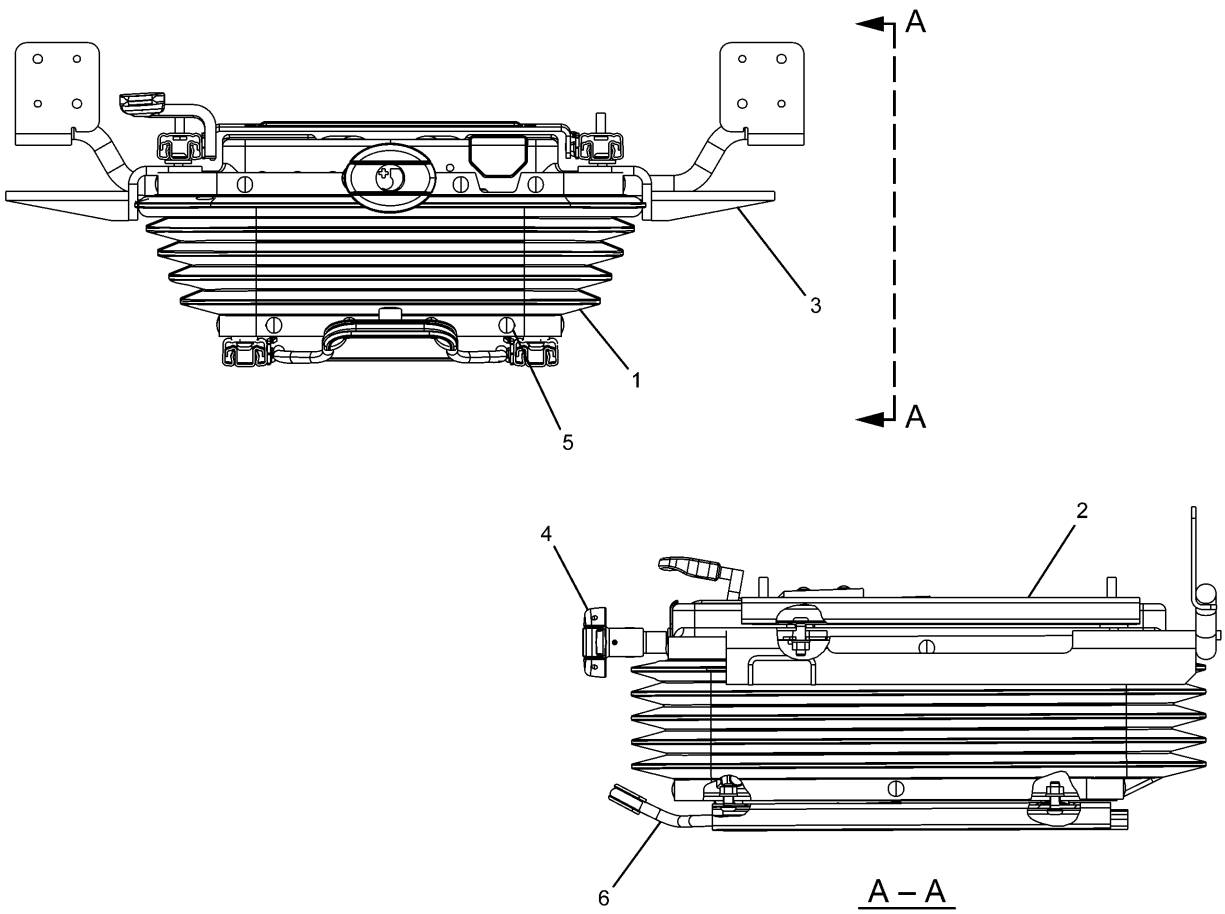
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	245-7898	4	SCREW					
	2	5C-7261	4	NUT					
	3	8T-4224	8	WASHER					

H88069E 00

245-7888 SUPPORT KIT-TILT

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 229-9076-Page682,240-5058-Page692,229-9093-Page701
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	242-8768	1	COVER AS					
		147-4921	1	CLIP KIT					
Y	2	245-7889	1	ADJUSTER KIT					
Y	3	245-7890	1	BRACKET KIT					
Y	4	245-7891	1	SUPPORT KIT					
	5	245-7895	1	CLIP KIT					
Y	6	245-7896	1	ADJUSTER KIT					

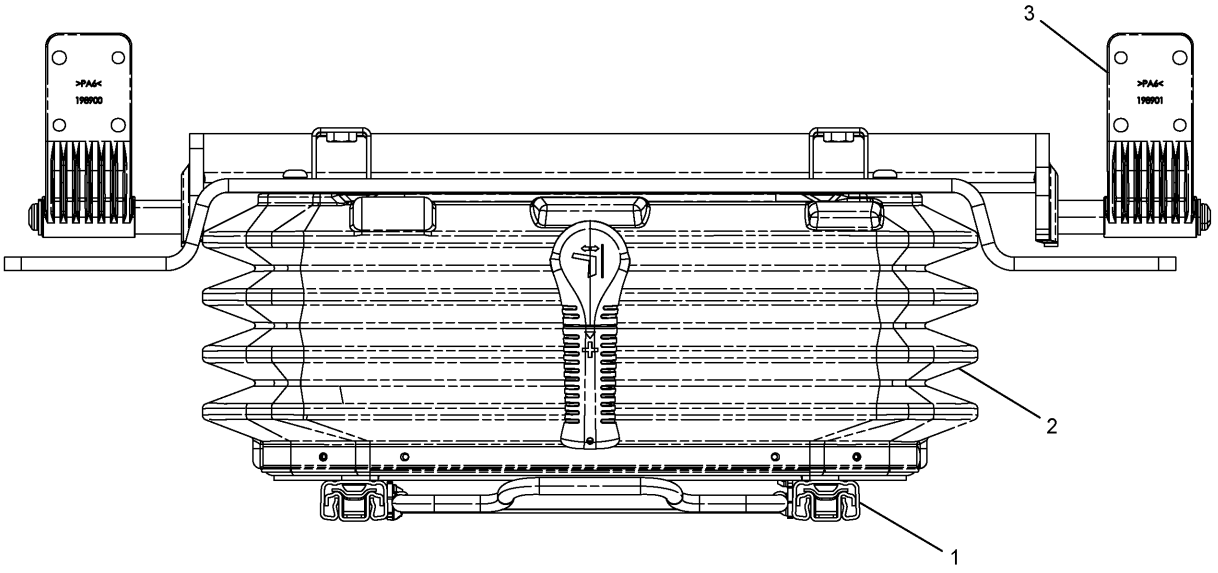
Y—SEE SEPARATE ILLUSTRATION

H93591E 03

229-9095 SUPPORT GP-SEAT

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 235-9028-Page681,240-5057-Page691
245-7889-Page686,245-7896-Page687,245-7890-Page688,245-7891-Page689
An Attachment

OPERATOR STATION



FRONT VIEW

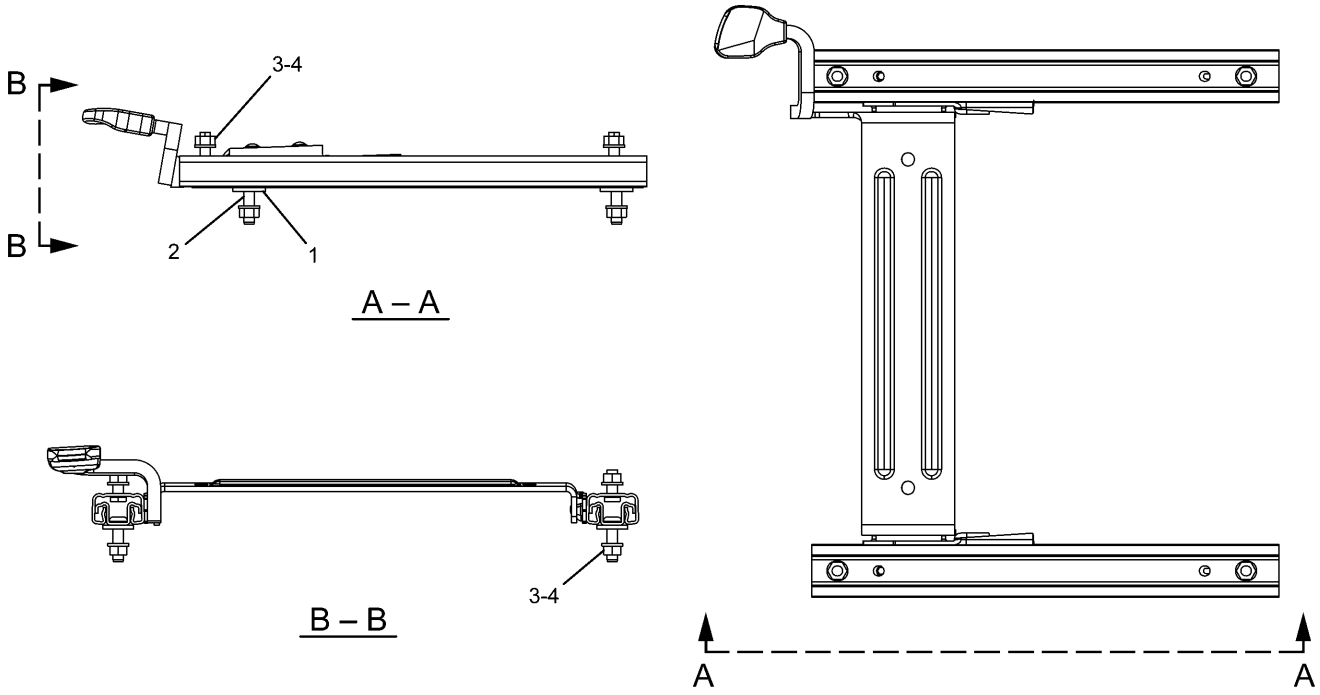
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	327-6648	1	ADJUSTER KIT					
	2	333-4173	1	SUPPORT KIT					
	3	333-4175	1	BRACKET KIT					

HA1428E 00

327-6517 SUPPORT GP-SEAT

S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
Part of 327-6505-Page681.01,327-6504-Page691.01
An Attachment

MEMORANDA



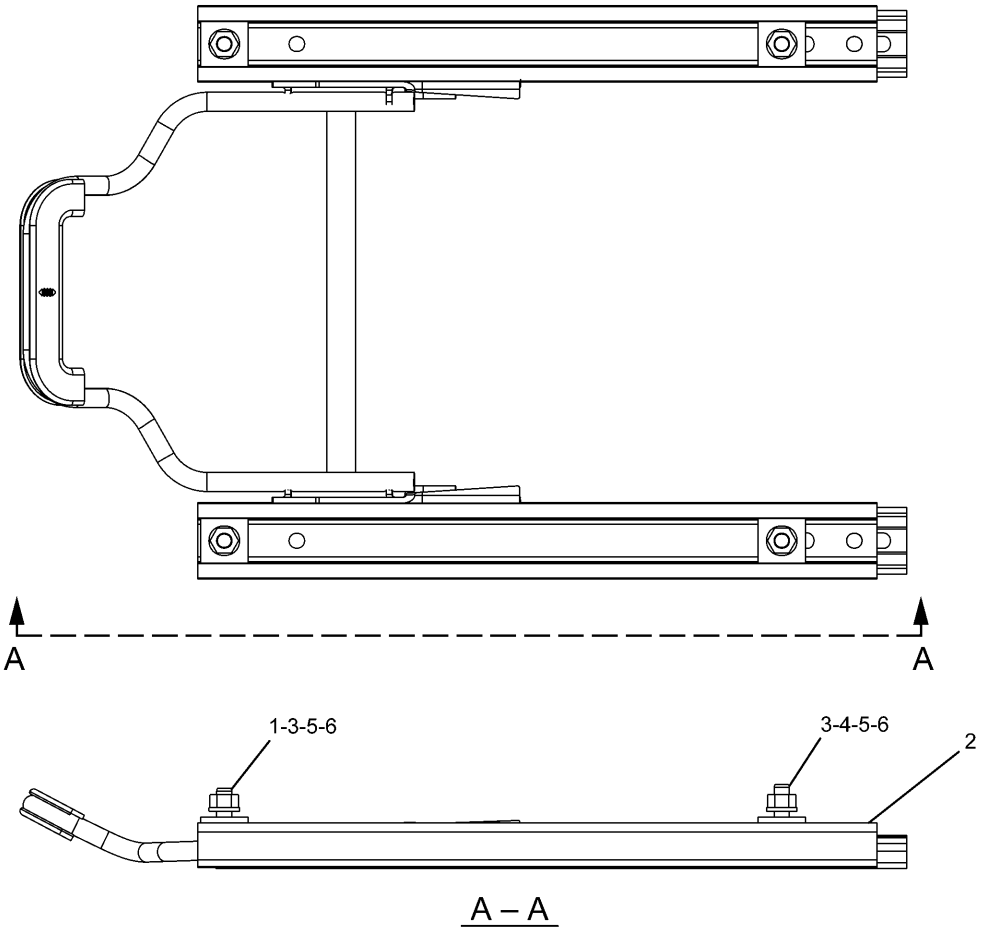
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	245-7897	4	PLATE					
	2	245-7899	4	SCREW					
	3	5C-7261	8	NUT					
	4	8T-4224	8	WASHER					

H88074E 00

245-7889 ADJUSTER KIT-UPPER SLIDE

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 229-9095-Page685,229-9077-Page696,240-5063-Page697
An Attachment

OPERATOR STATION



A – A

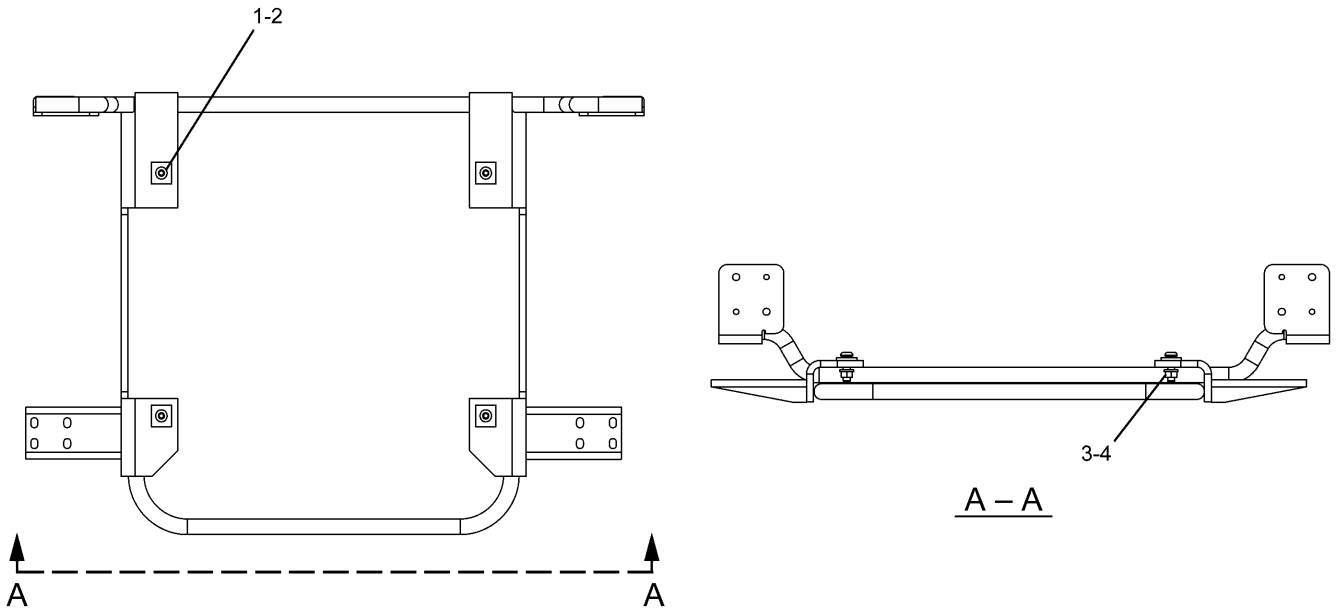
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	198-3899	2	SCREW					
	2	245-7886	2	PLATE					
	3	245-7897	4	PLATE					
	4	245-7898	2	SCREW					
	5	5C-7261	4	NUT					
	6	8T-4224	4	WASHER					

H91454E 01

245-7896 ADJUSTER KIT-LOWER SLIDE

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 229-9095-Page685,229-9077-Page696,240-5063-Page697
An Attachment

OPERATOR STATION

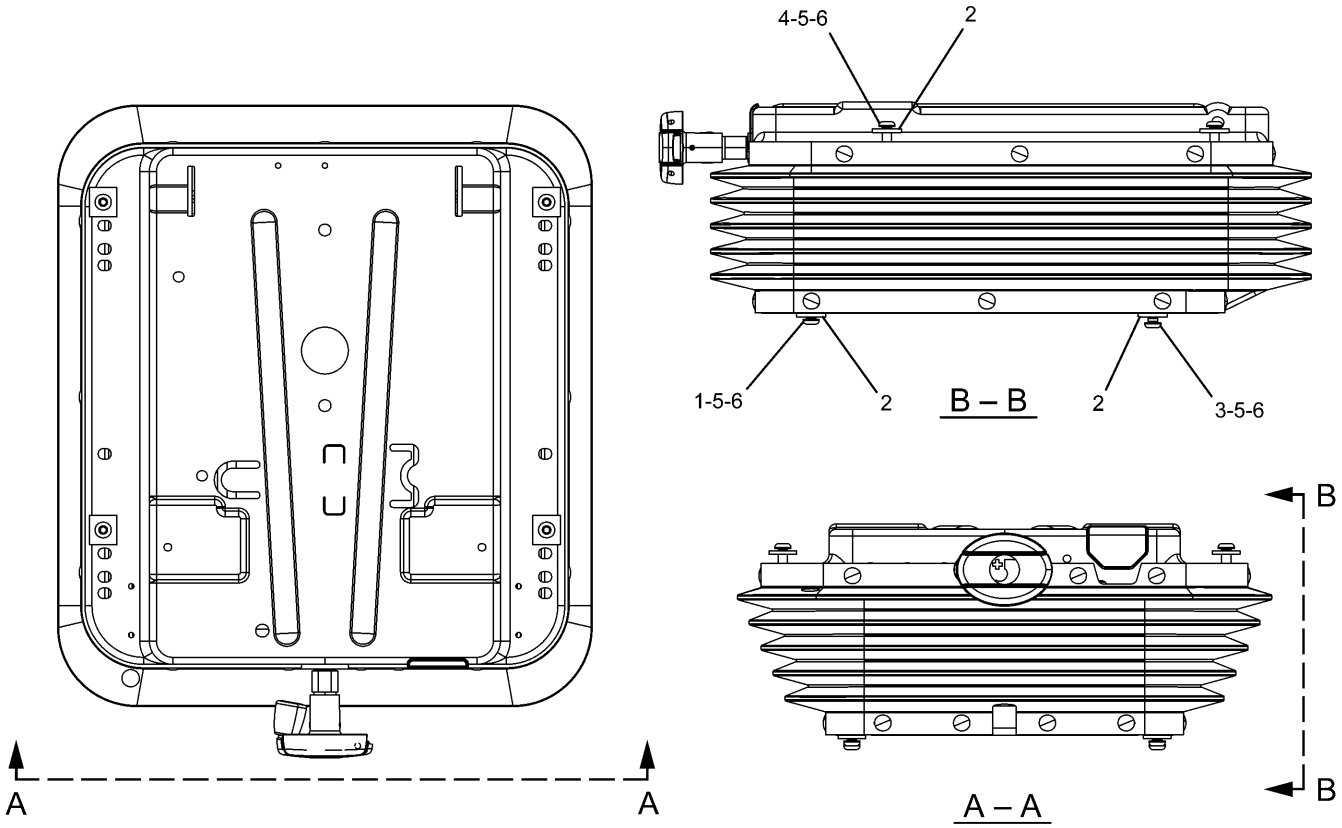


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	245-7897	4	PLATE					
	2	245-7899	4	SCREW					
	3	5C-7261	4	NUT					
	4	8T-4224	4	WASHER					

H88076E 00

245-7890 BRACKET KIT-CONSOLE

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 229-9095-Page685,229-9077-Page696,240-5063-Page697
An Attachment



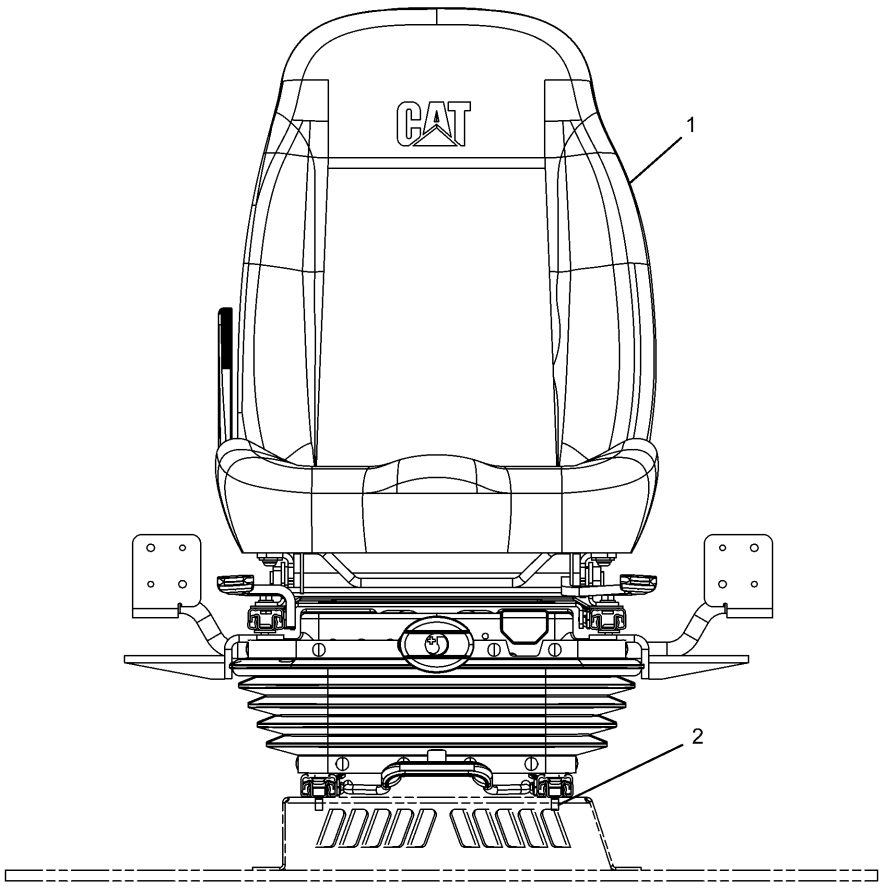
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	198-3899	2	SCREW					
	2	245-7897	8	PLATE					
	3	245-7898	2	SCREW					
	4	245-7899	4	SCREW					
	5	5C-7261	8	NUT					
	6	8T-4224	8	WASHER					

H88970E 00

245-7891 SUPPORT KIT-SEAT

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 229-9095-Page685
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	240-5057	1	SEAT GP					
	2	6V-8202	4	BOLT (L=16mm)					

Y—SEE SEPARATE ILLUSTRATION

H88965E 01

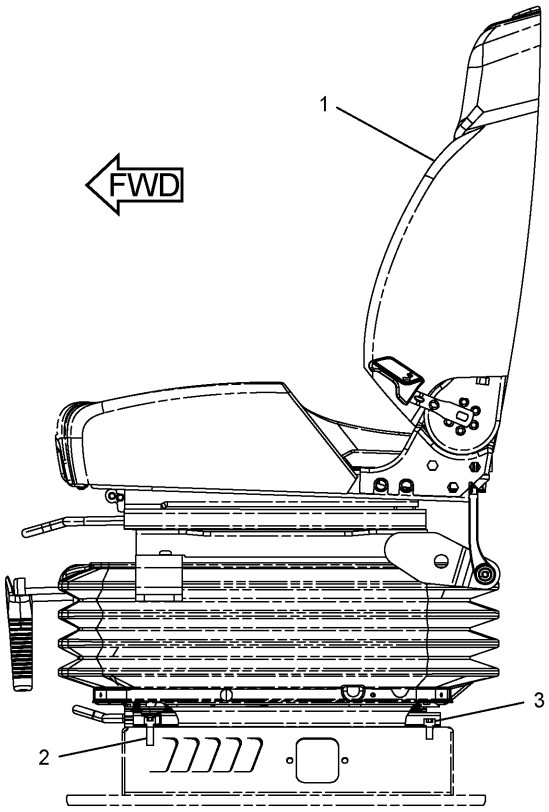
240-5056 SEAT GP

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)

240-5057-Page691

An Attachment

OPERATOR STATION



LEFT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	327-6504	1	SEAT GP					
	2	5A-3604	2	BOLT (L=25mm)					
	3	6V-8202	2	BOLT (L=16mm)					

Y—SEE SEPARATE ILLUSTRATION

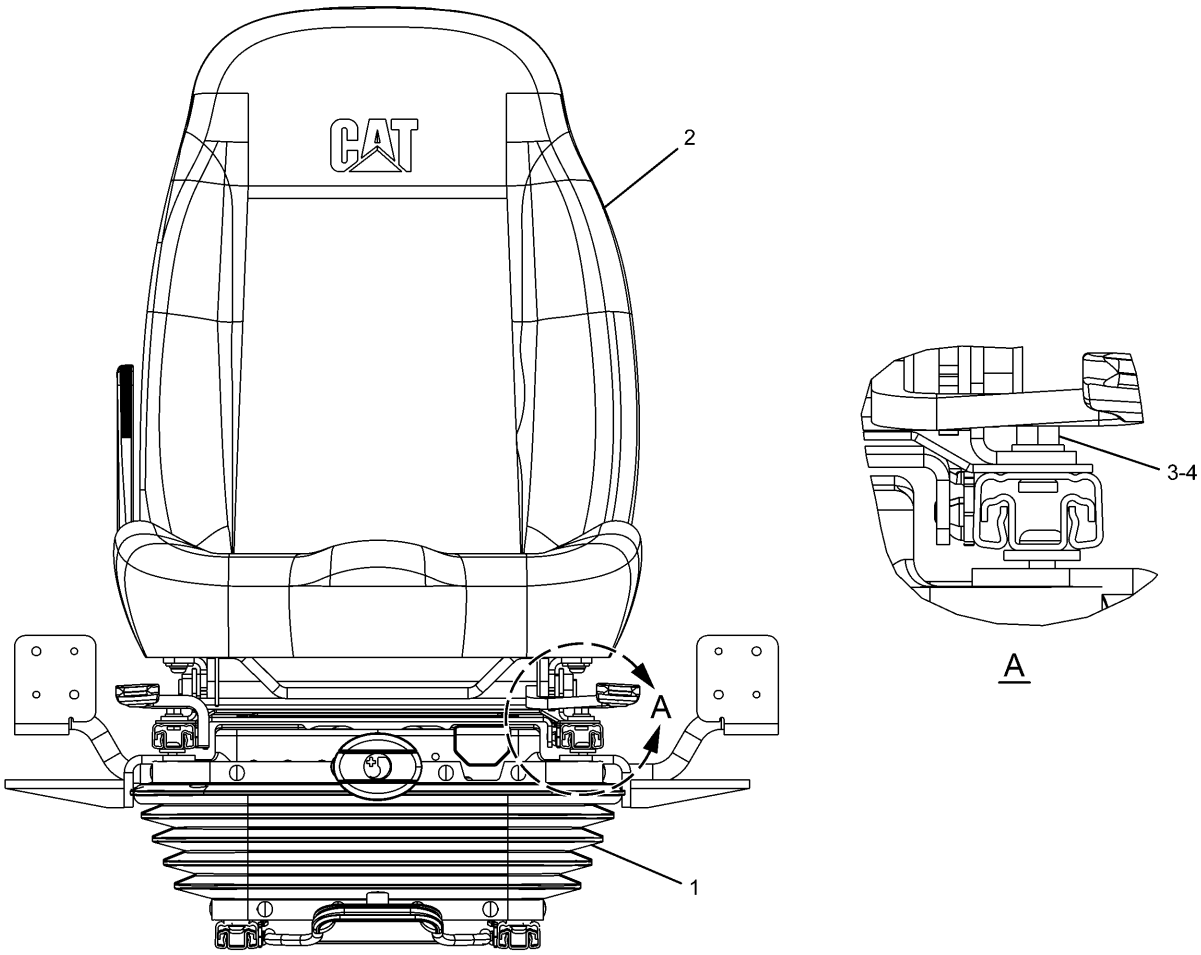
HA1702E 01

327-6498 SEAT GP

KAB K1(Vinyl)
S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
327-6504-Page691.01
An Attachment

MEMORANDA

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	229-9095	1	SUPPORT GP					
Y	2	240-5058	1	SEAT GP					
	3	5C-7261	4	NUT					
	4	8T-4224	4	WASHER					

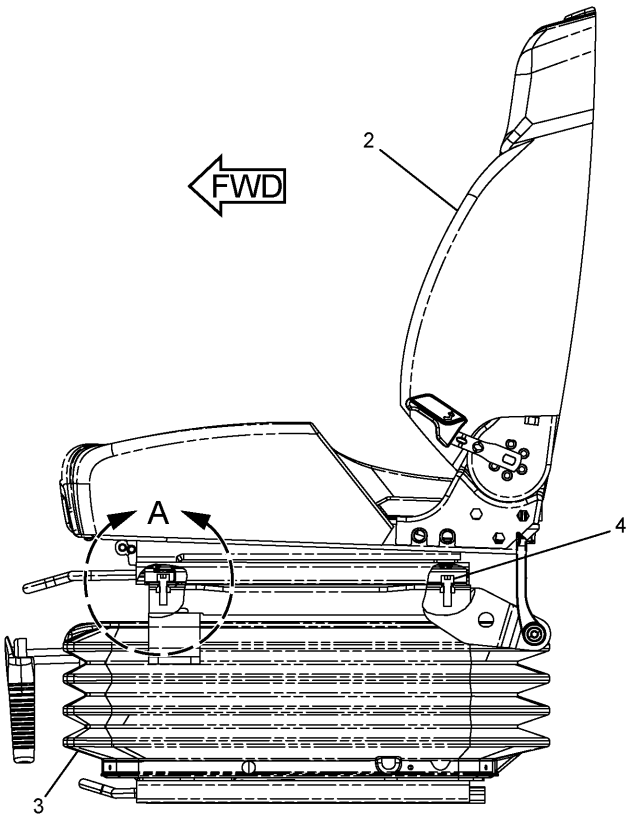
Y—SEE SEPARATE ILLUSTRATION

H91447E 02

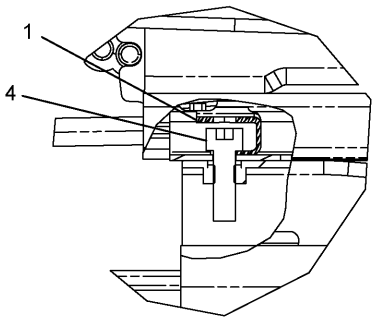
240-5057 SEAT GP

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 240-5056-Page690
229-9095-Page685,240-5058-Page692
An Attachment

OPERATOR STATION



LEFT SIDE VIEW



A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	316-8987	2	BRACKET					
Y	2	327-6510	1	SEAT GP					
Y	3	327-6517	1	SUPPORT GP					
	4	5A-3604	4	BOLT (L=25mm)					

Y—SEE SEPARATE ILLUSTRATION

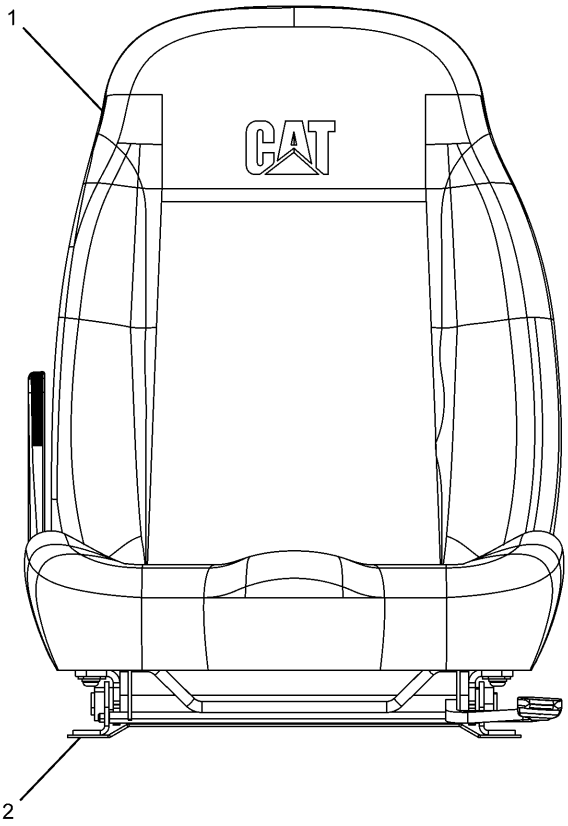
HA1735E 00

327-6504 SEAT GP

KAB K1(Vinyl)
S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
Part of 327-6498-Page690.01
327-6517-Page685.01,327-6510-Page692.01
An Attachment

MEMORANDA

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	245-7882	1	SEAT KIT					
Y	2	245-7888	1	SUPPORT KIT					

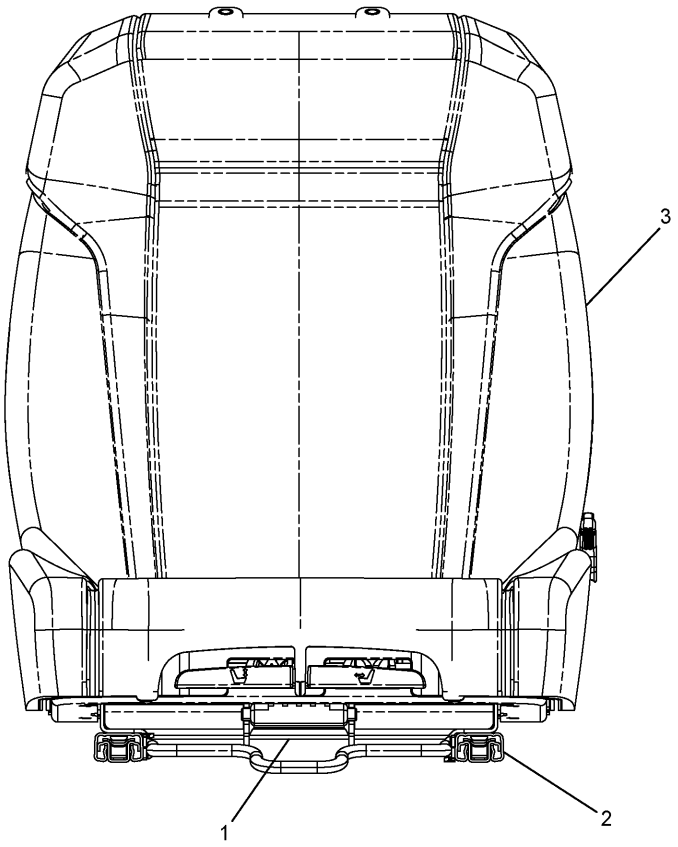
Y—SEE SEPARATE ILLUSTRATION

H89155E 01

240-5058 SEAT GP

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 240-5057-Page691
245-7888-Page684,245-7882-Page693
An Attachment

OPERATOR STATION



FRONT VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	327-6642	1	ADJUSTER KIT					
	2	327-6643	1	ADJUSTER KIT					
	3	333-4172	1	SEAT KIT					

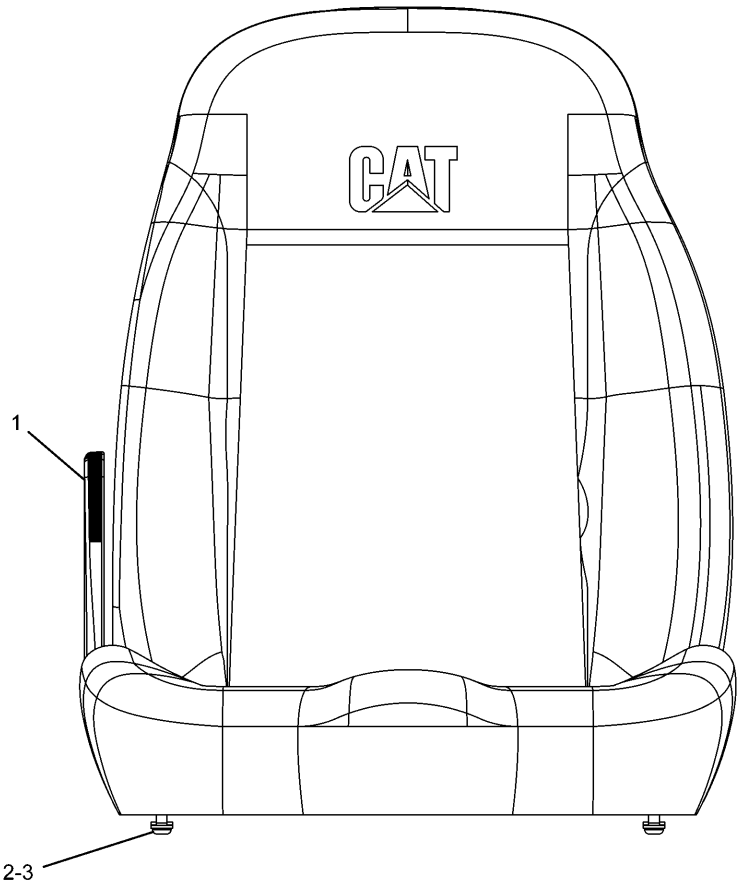
HA1427E 00

327-6510 SEAT GP

KAB K1(Vinyl)
S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
Part of 327-6504-Page691.01
An Attachment

MEMORANDA

OPERATOR STATION



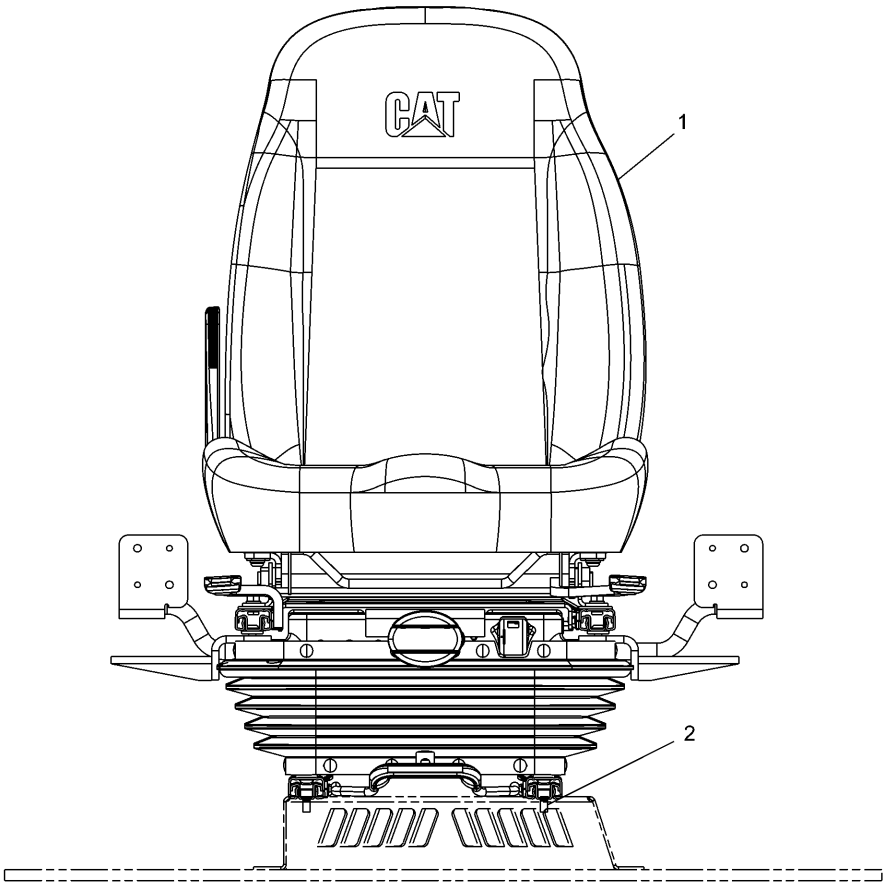
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	245-7887	1	LEVER KIT					
	2	245-7898	4	SCREW					
	3	8T-4224	4	WASHER					

H89164E 00

245-7882 SEAT KIT

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 240-5058-Page692
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	229-9075	1	SEAT GP					
	2	6V-8202	4	BOLT (L=16mm)					

Y—SEE SEPARATE ILLUSTRATION

H89506E 01

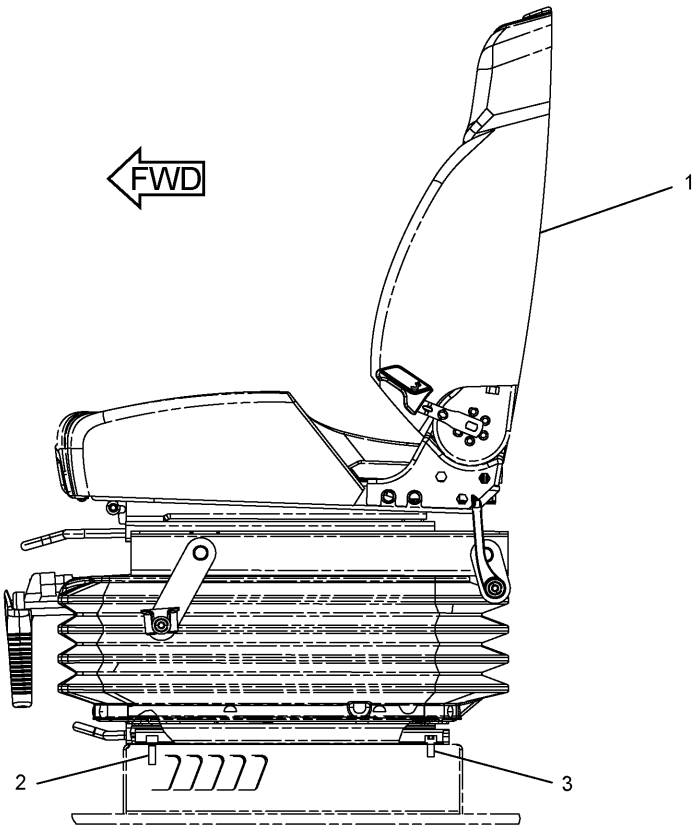
240-4999 SEAT GP

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)

229-9075-Page695

An Attachment

OPERATOR STATION



LEFT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	327-6506	1	SEAT GP					
	2	5A-3604	2	BOLT (L=25mm)					
	3	6V-8202	2	BOLT (L=16mm)					

Y—SEE SEPARATE ILLUSTRATION

HA1697E 02

327-6500 SEAT GP

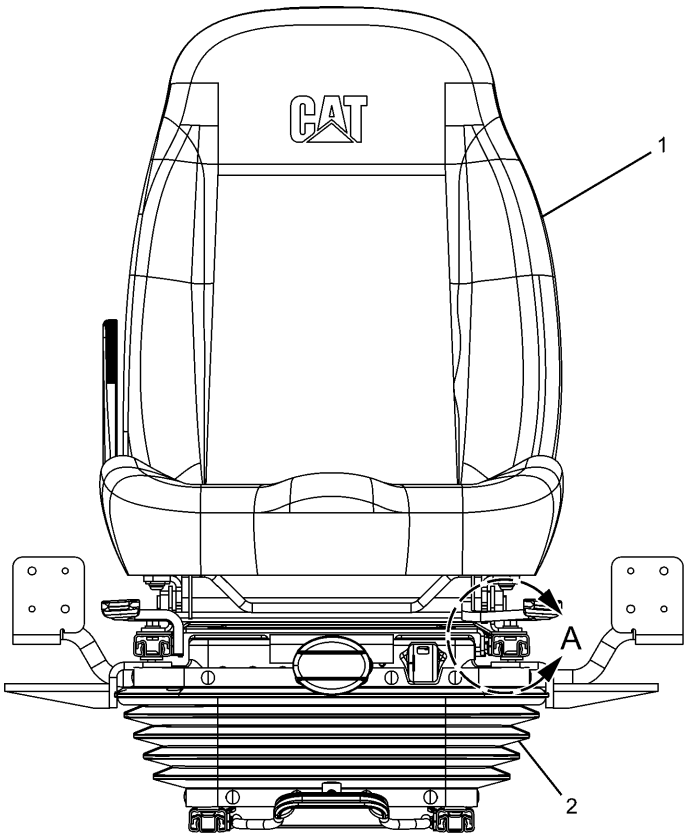
S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up

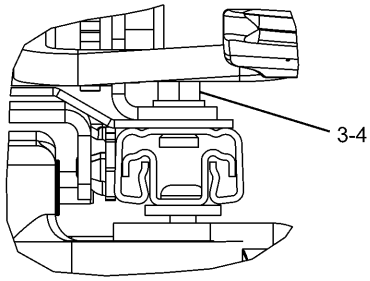
327-6506-Page695.01

An Attachment

MEMORANDA

OPERATOR STATION





A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	229-9076	1	SEAT GP					
Y	2	229-9077	1	SUSPENSION GP					
	3	5C-7261	4	NUT					
	4	8T-4224	4	WASHER					

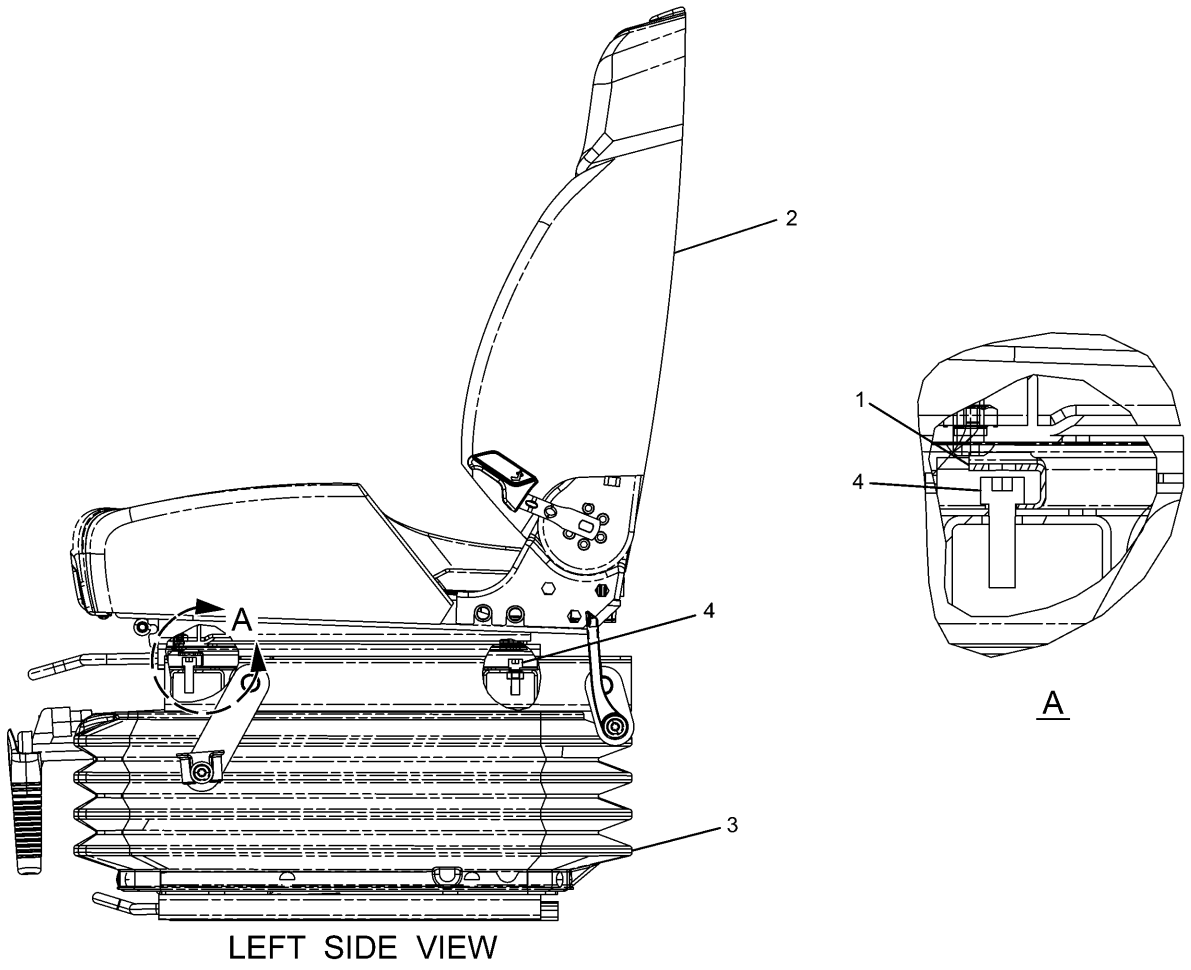
Y—SEE SEPARATE ILLUSTRATION

H91457E 04

229-9075 SEAT GP

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 240-4999-Page694
229-9076-Page682,229-9077-Page696
An Attachment

OPERATOR STATION



LEFT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	316-8987	2	BRACKET					
Y	2	327-6511	1	SEAT GP					
Y	3	327-6520	1	SUSPENSION GP					
	4	5A-3604	4	BOLT (L=25mm)					

Y—SEE SEPARATE ILLUSTRATION

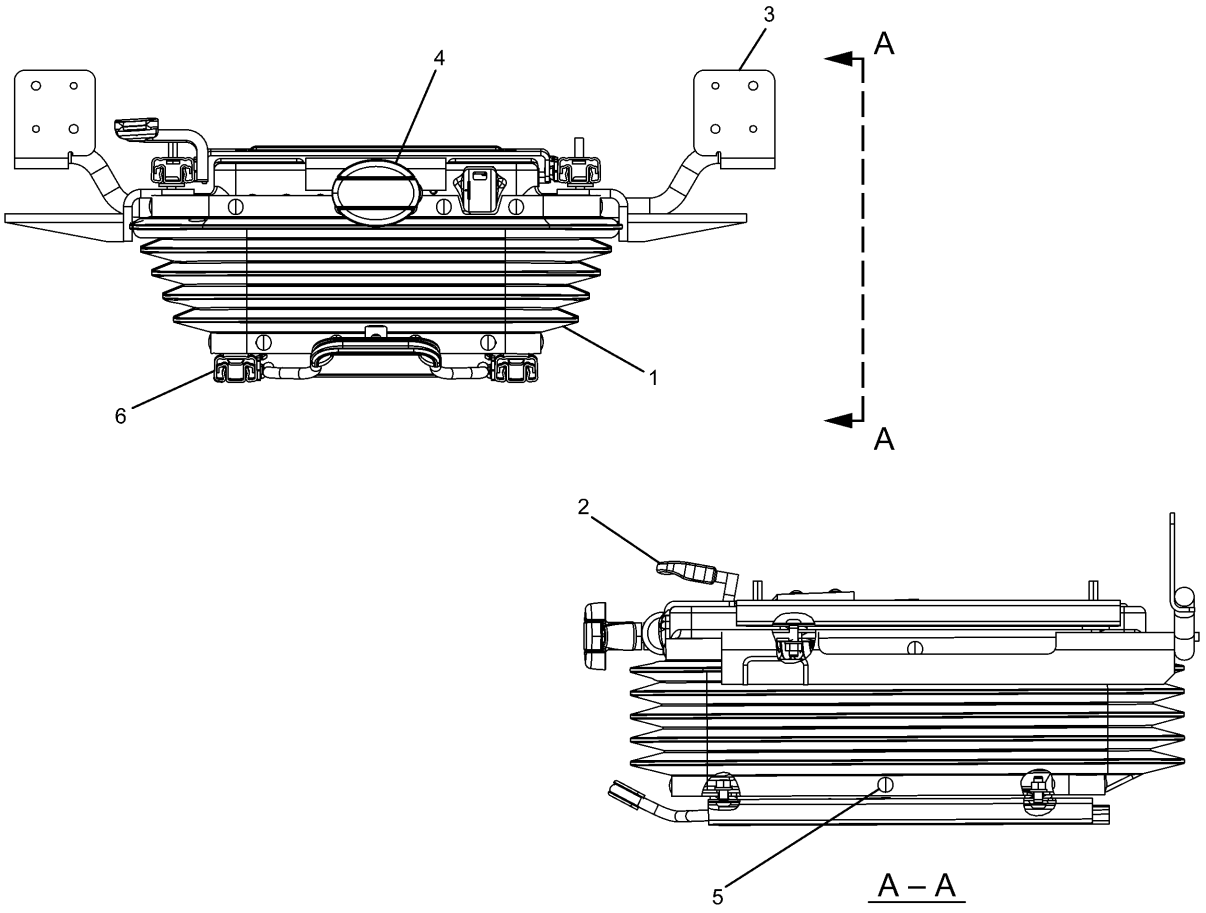
HA1736E 00

327-6506 SEAT GP

S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
Part of 327-6500-Page694.01
327-6511-Page682.01,327-6520-Page696.01
An Attachment

MEMORANDA

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	242-8768	1	COVER AS					
		147-4921	1	CLIP KIT					
Y	2	245-7889	1	ADJUSTER KIT					
Y	3	245-7890	1	BRACKET KIT					
Y	4	245-7892	1	SUSPENSION KIT					
	5	245-7895	1	CLIP KIT					
Y	6	245-7896	1	ADJUSTER KIT					

Y—SEE SEPARATE ILLUSTRATION

H91455E 04

229-9077 SUSPENSION GP-SEAT

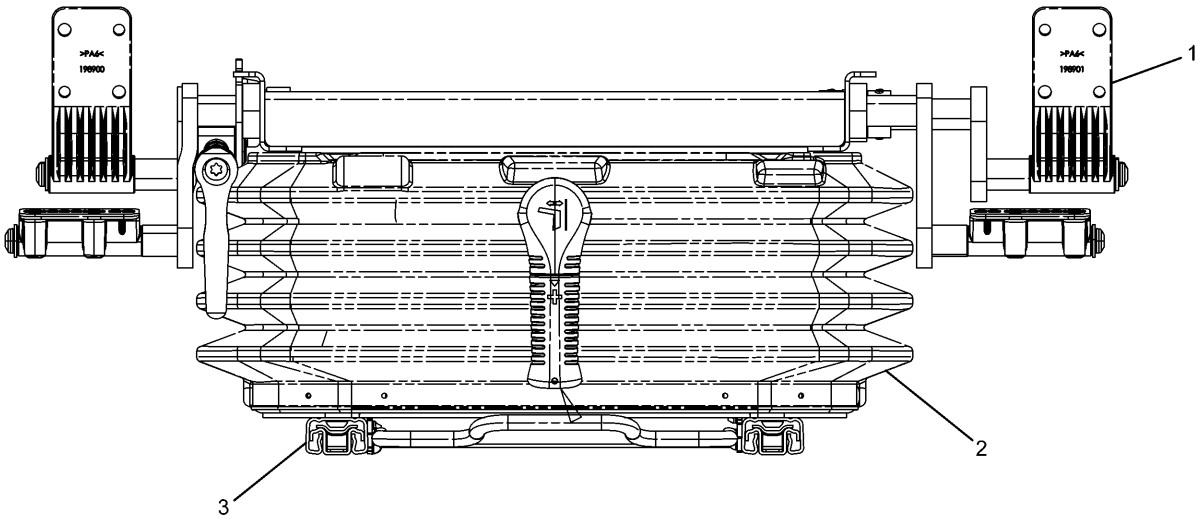
S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)

Part of 229-9075-Page695

245-7889-Page686,245-7896-Page687,245-7890-Page688,245-7892-Page698

An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	327-6644	1	BRACKET KIT					
	2	327-6645	1	SUSPENSION KIT					
	3	327-6648	1	ADJUSTER KIT					

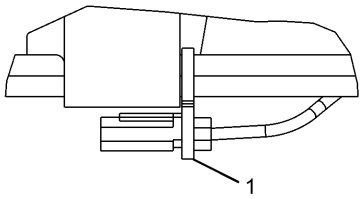
HA1498E 01

327-6520 SUSPENSION GP-SEAT

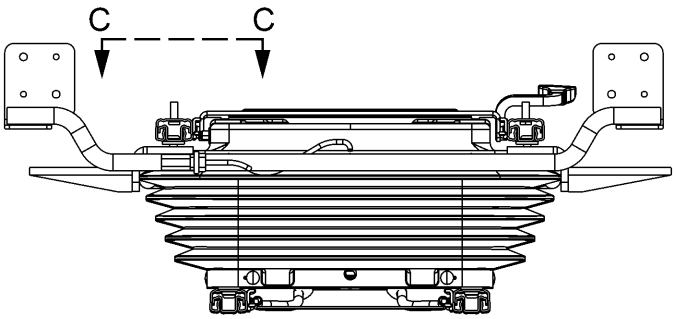
S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
Part of 327-6506-Page695.01
An Attachment

MEMORANDA

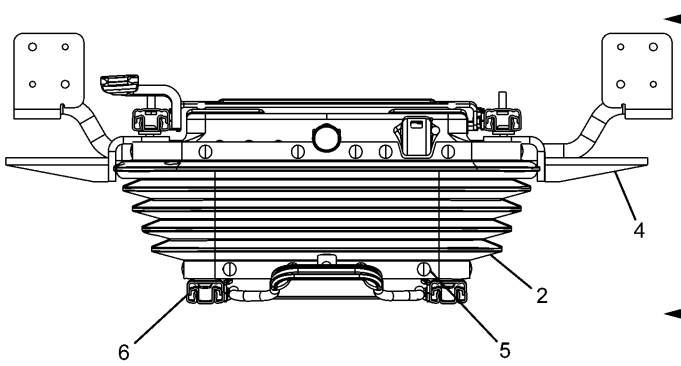
OPERATOR STATION

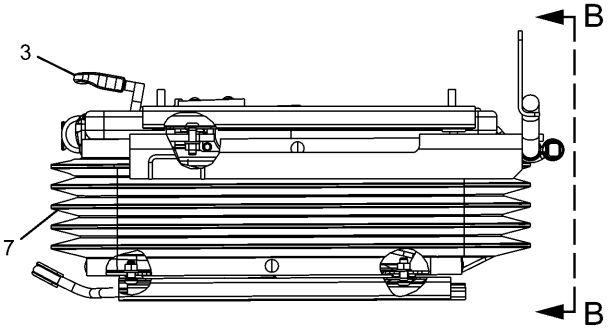


C – C



B – B





A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	71-2673	1	STRAP					
	2	242-8768	1	COVER AS					
		147-4921	1	CLIP KIT					
Y	3	245-7889	1	ADJUSTER KIT					
Y	4	245-7890	1	BRACKET KIT					
	5	245-7895	1	CLIP KIT					
Y	6	245-7896	1	ADJUSTER KIT					
	7	273-5384	1	SUSPENSION SEAT KIT					

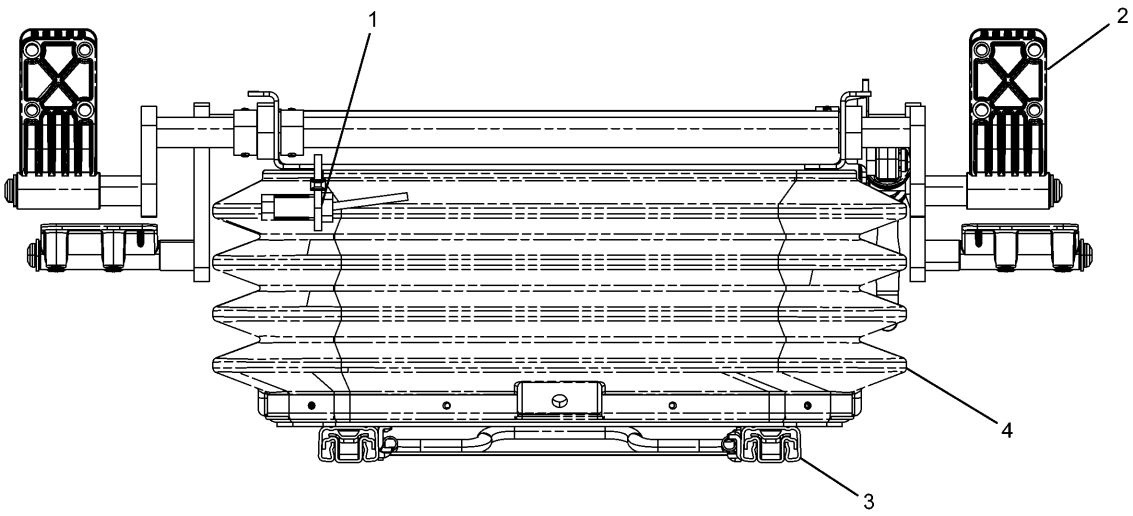
Y—SEE SEPARATE ILLUSTRATION

H91449E 06

240-5063 SUSPENSION GP-SEAT

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 240-5065-Page700
245-7889-Page686,245-7896-Page687,245-7890-Page688
An Attachment

OPERATOR STATION



REAR VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7I-2673	1	STRAP					
	2	327-6644	1	BRACKET KIT					
	3	327-6648	1	ADJUSTER KIT					
	4	333-4157	1	SUSPENSION KIT					

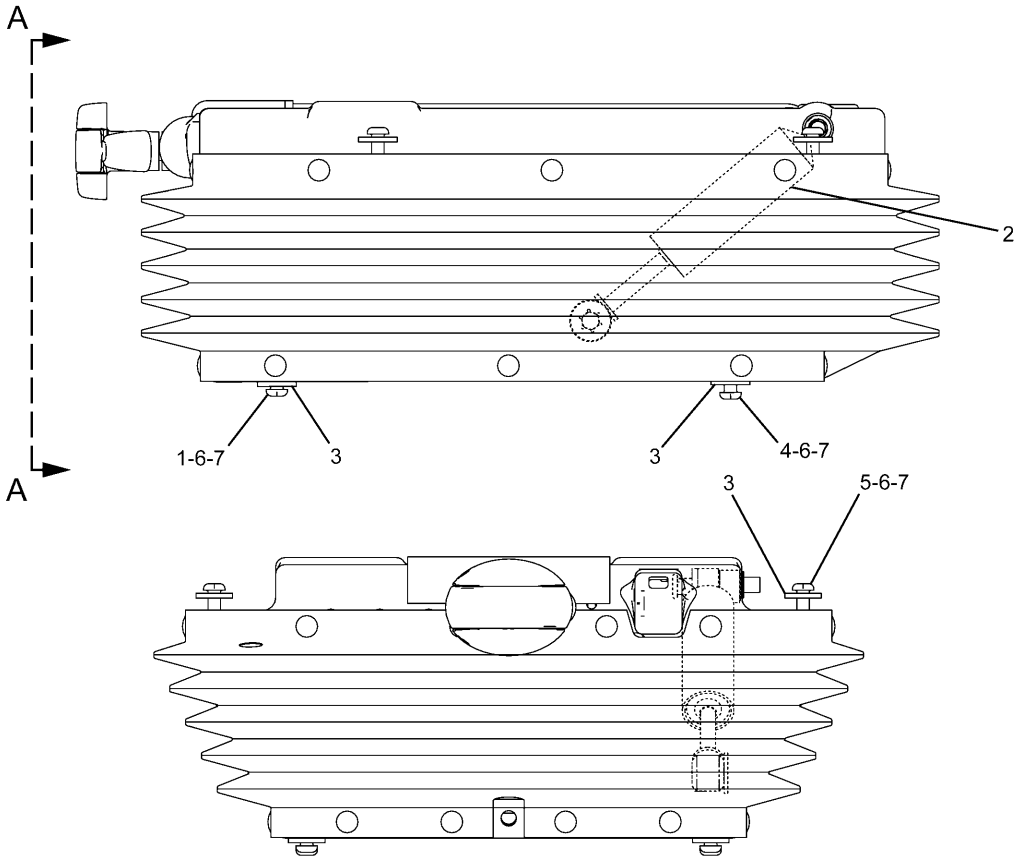
HA1499E 01

327-6521 SUSPENSION GP-SEAT

S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
Part of 327-6509-Page700.01
An Attachment

MEMORANDA

OPERATOR STATION



A – A

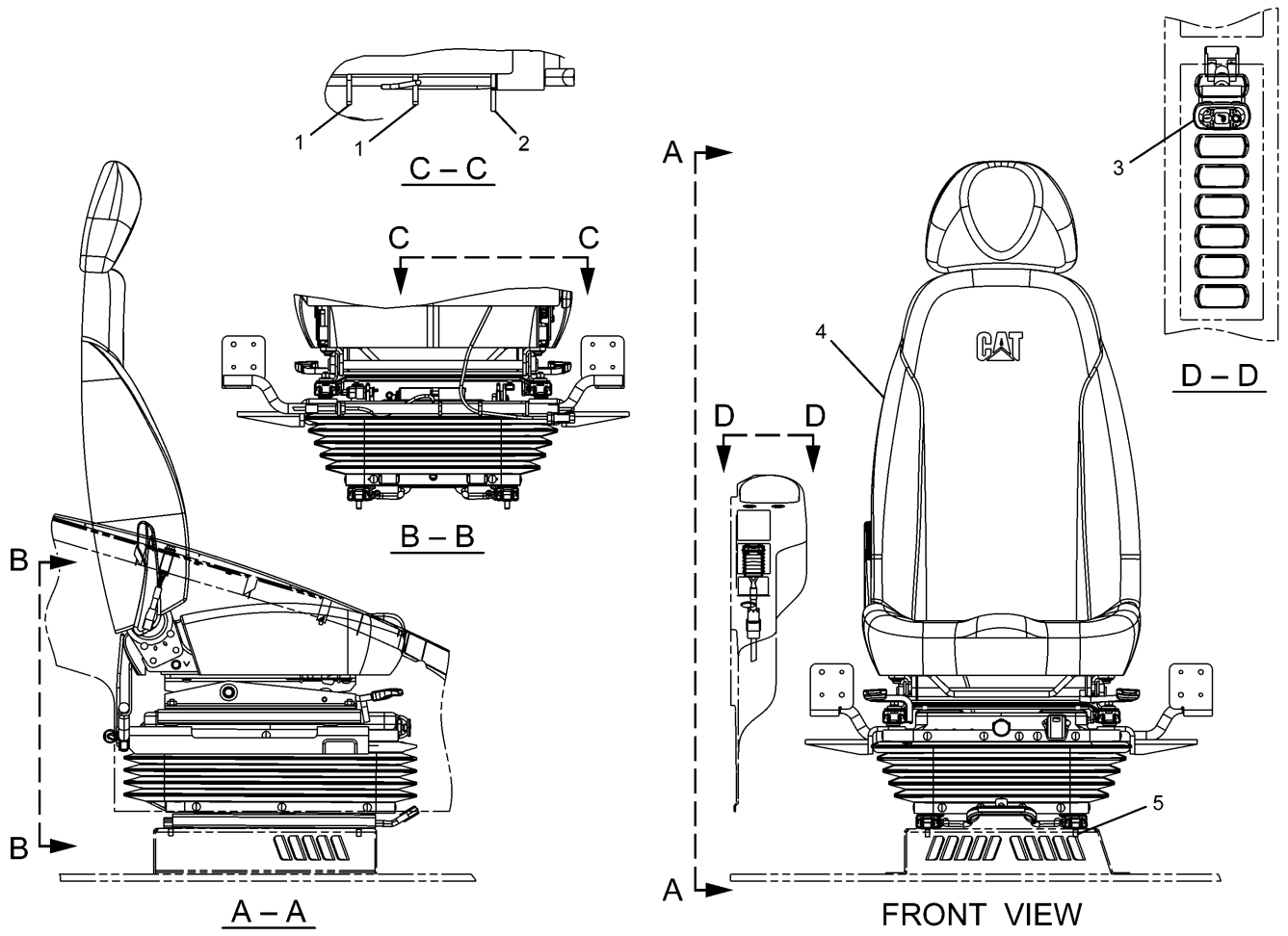
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	198-3899	2	SCREW					
	2	209-4280	1	DAMPER					
	3	245-7897	8	PLATE					
	4	245-7898	2	SCREW					
	5	245-7899	4	SCREW					
	6	5C-7261	8	NUT					
	7	8T-4224	8	WASHER					

H90179E 00

245-7892 SUSPENSION KIT-SEAT

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 229-9077-Page696
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	2	STRAP					
	2	7I-2673	1	STRAP					
	3	238-2211	1	SWITCH AS					
		167-3542	1	CONNECTOR					
		167-3543	4	TERMINAL					
Y	4	240-5065	1	SEAT GP					
	5	6V-8202	4	BOLT (L=16mm)					

Y—SEE SEPARATE ILLUSTRATION

H91211E 05

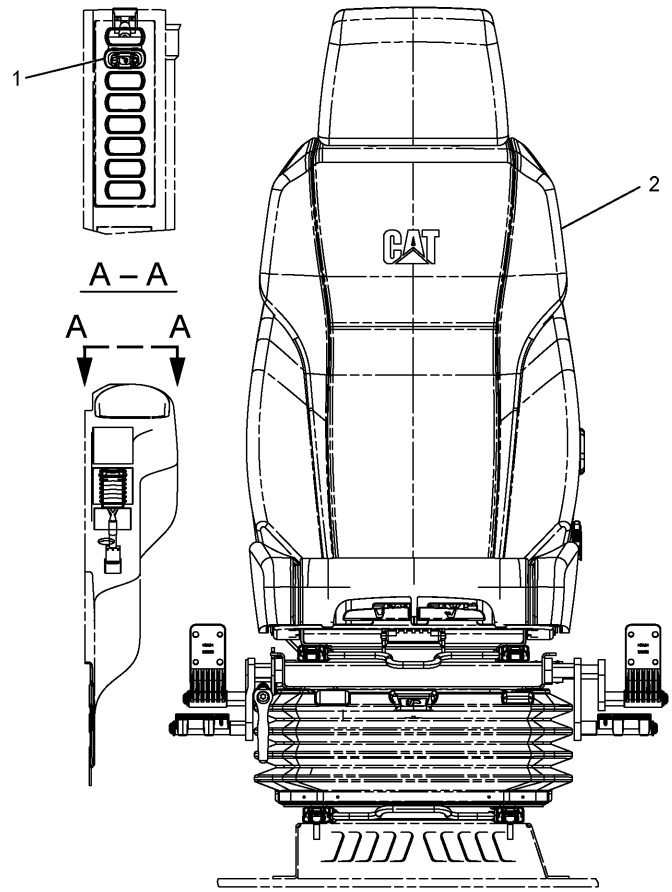
240-5064 SEAT GP

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)

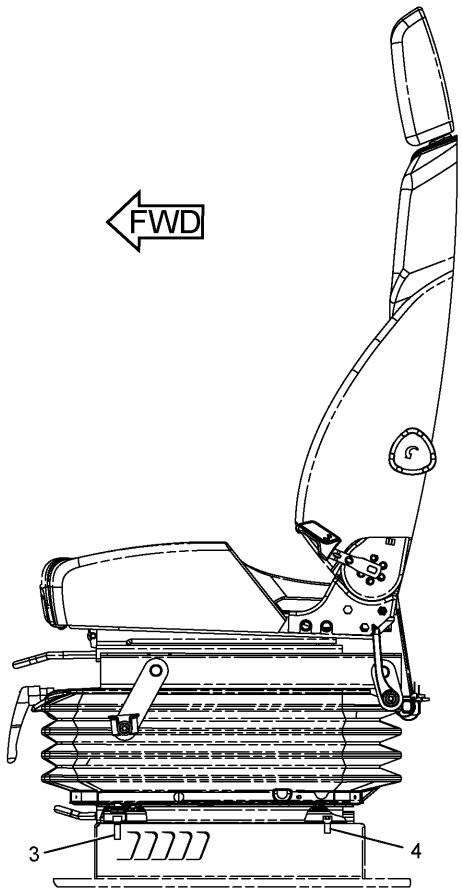
240-5065-Page700

An Attachment

OPERATOR STATION



FRONT VIEW



LEFT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	238-2211	1	SWITCH AS					
		167-3542	1	CONNECTOR					
		167-3543	4	TERMINAL					
Y	2	327-6509	1	SEAT GP					
	3	5A-3604	2	BOLT (L=25mm)					
	4	6V-8202	2	BOLT (L=16mm)					

Y—SEE SEPARATE ILLUSTRATION

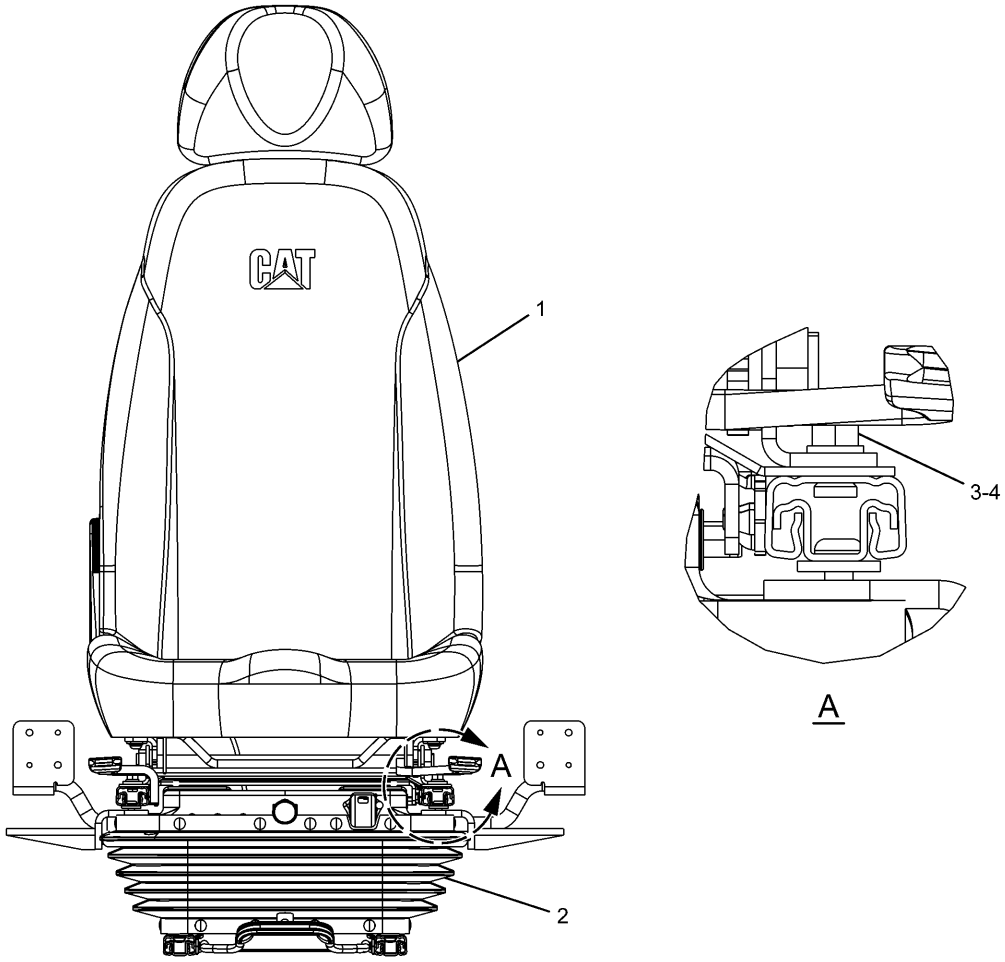
HA1704E 03

327-6503 SEAT GP

65K4 With seat heater
S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
327-6509-Page700.01
An Attachment

MEMORANDA

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	229-9093	1	SEAT GP					
Y	2	240-5063	1	SUSPENSION GP					
	3	5C-7261	4	NUT					
	4	8T-4224	4	WASHER					

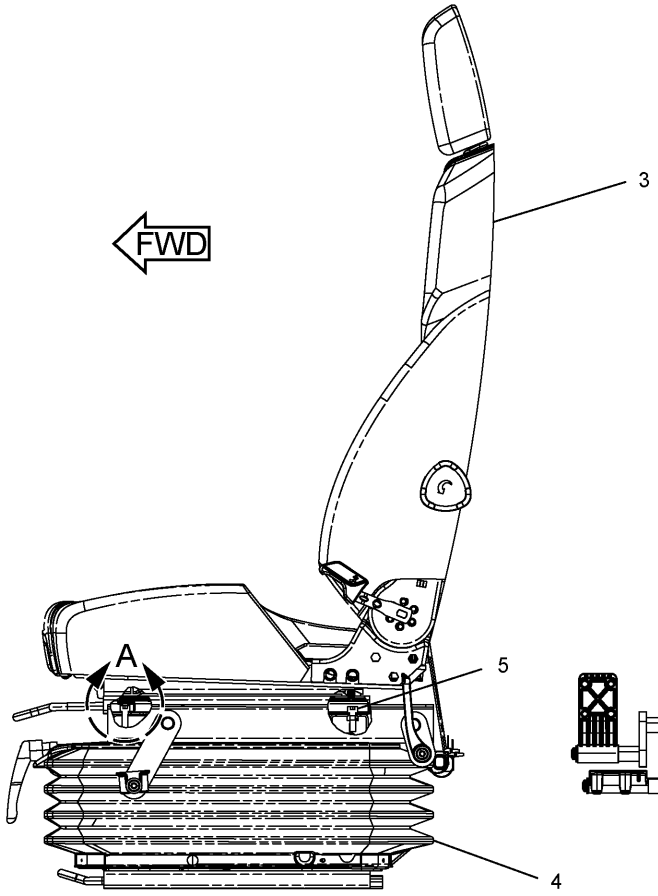
Y—SEE SEPARATE ILLUSTRATION

H91446E 05

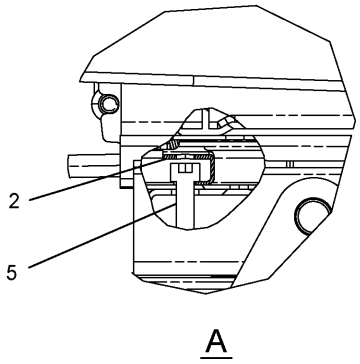
240-5065 SEAT GP

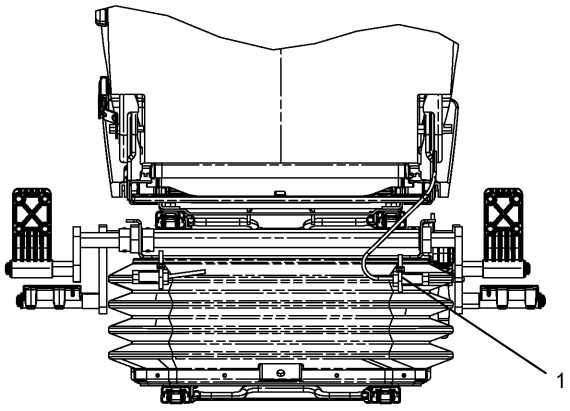
S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 240-5064-Page699
240-5063-Page697,229-9093-Page701
An Attachment

OPERATOR STATION



LEFT SIDE VIEW





REAR VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	71-2673	1	STRAP					
	2	316-8987	2	BRACKET					
Y	3	327-6513	1	SEAT GP					
Y	4	327-6521	1	SUSPENSION GP					
	5	5A-3604	4	BOLT (L=25mm)					

Y—SEE SEPARATE ILLUSTRATION

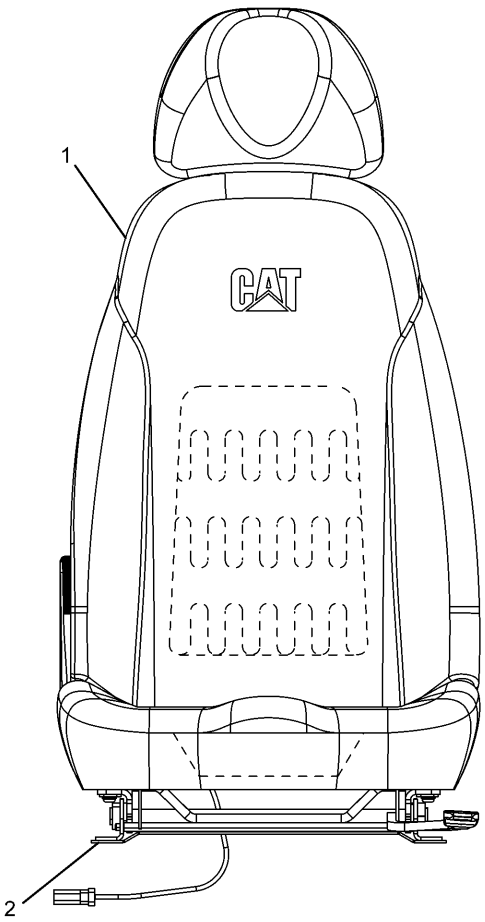
HA1705E 01

327-6509 SEAT GP

S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
Part of 327-6503-Page699.01
327-6521-Page697.01,327-6513-Page701.01
An Attachment

MEMORANDA

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	245-7885	1	SEAT KIT					
Y	2	245-7888	1	SUPPORT KIT					

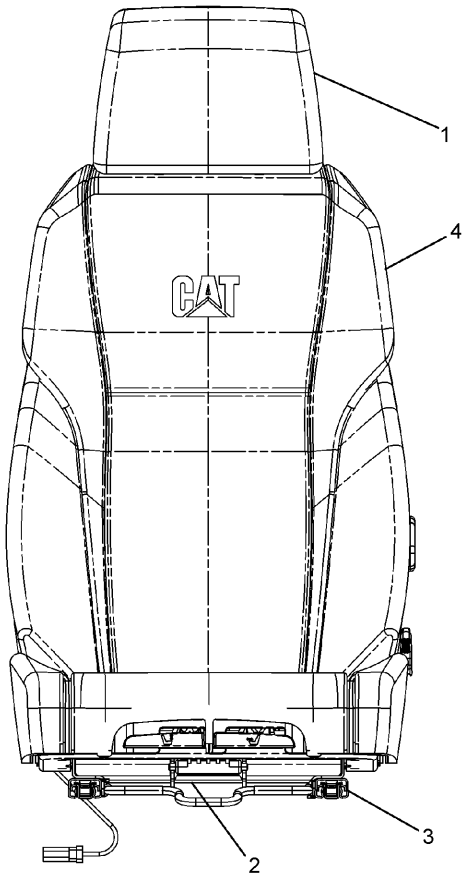
Y—SEE SEPARATE ILLUSTRATION

H88079E 03

229-9093 SEAT GP

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
Part of 240-5065-Page700
245-7888-Page684,245-7885-Page702
An Attachment

OPERATOR STATION



FRONT VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	327-6515	1	HEADREST AS					
	2	327-6642	1	ADJUSTER KIT					
	3	327-6643	1	ADJUSTER KIT					
	4	327-6649	1	SEAT KIT					

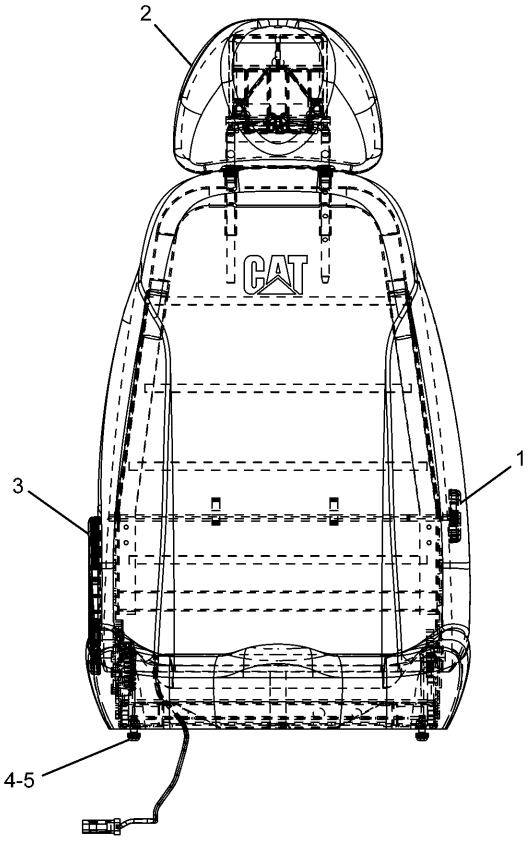
HA1482E 01

327-6513 SEAT GP

65K4 With seat heater
S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
Part of 327-6509-Page700.01
An Attachment

MEMORANDA

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	178-5659	1	HANDLE KIT (ADJUSTER)					
	2	229-9094	1	HEADREST AS					
	3	245-7887	1	LEVER KIT					
	4	245-7898	4	SCREW					
	5	8T-4224	4	WASHER					

H88068E 00

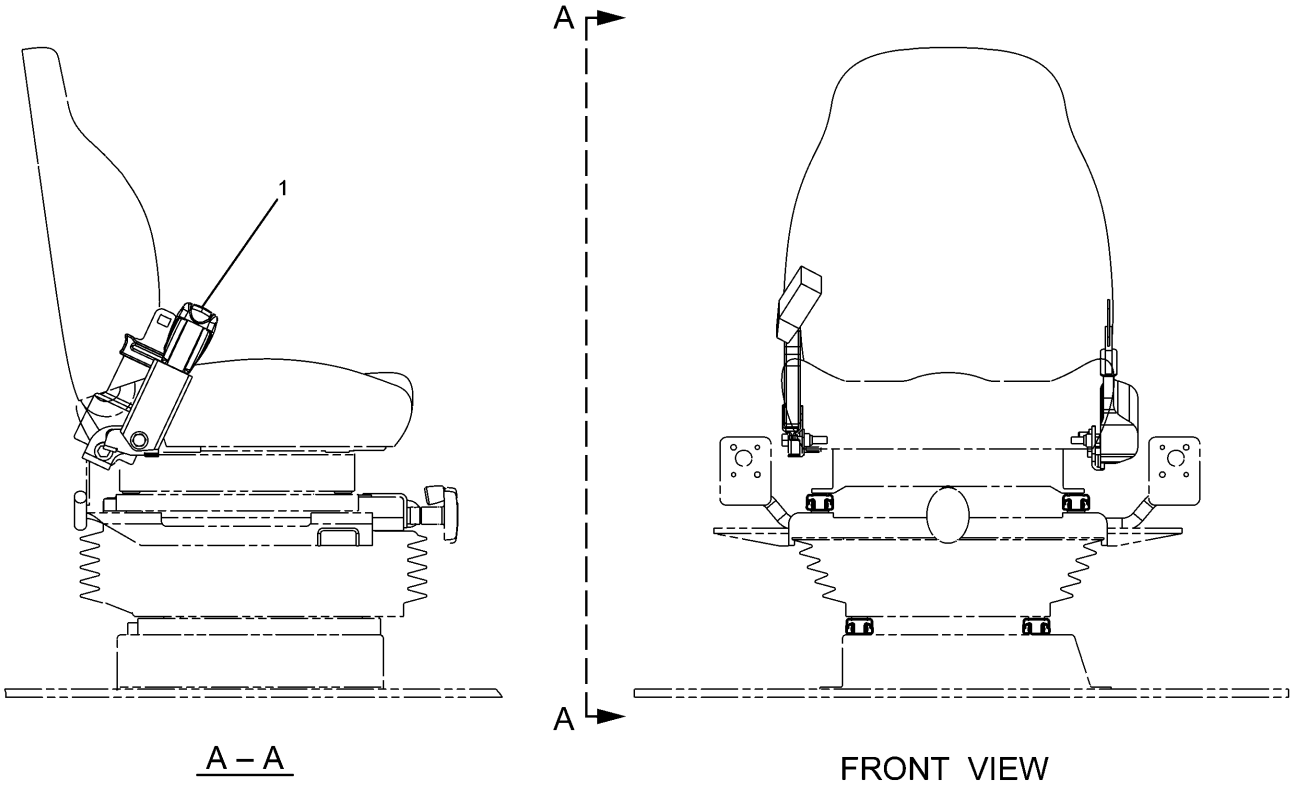
245-7885 SEAT KIT

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)

Part of 229-9093-Page701

An Attachment

OPERATOR STATION



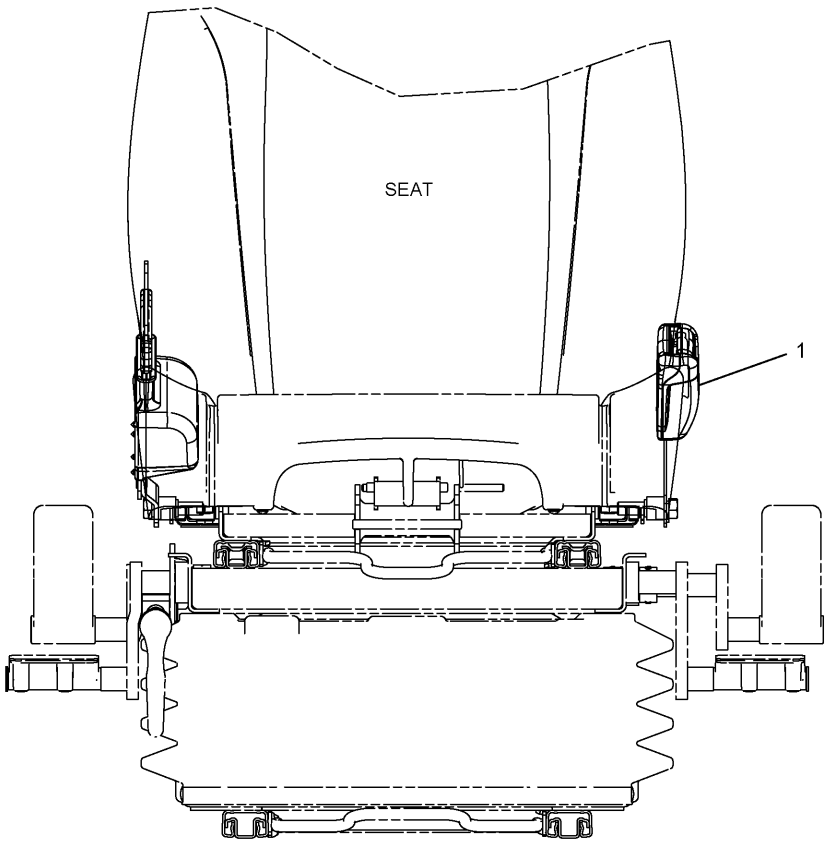
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	273-5446	1	BELT GP					

Y—SEE SEPARATE ILLUSTRATION

H92382E 03

240-5037 SEAT BELT GP
2 Inches Width
S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
273-5446-Page704
An Attachment

OPERATOR STATION



FRONT VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	327-6541	1	BELT GP					

HA1177E 00

305-0467 SEAT BELT GP

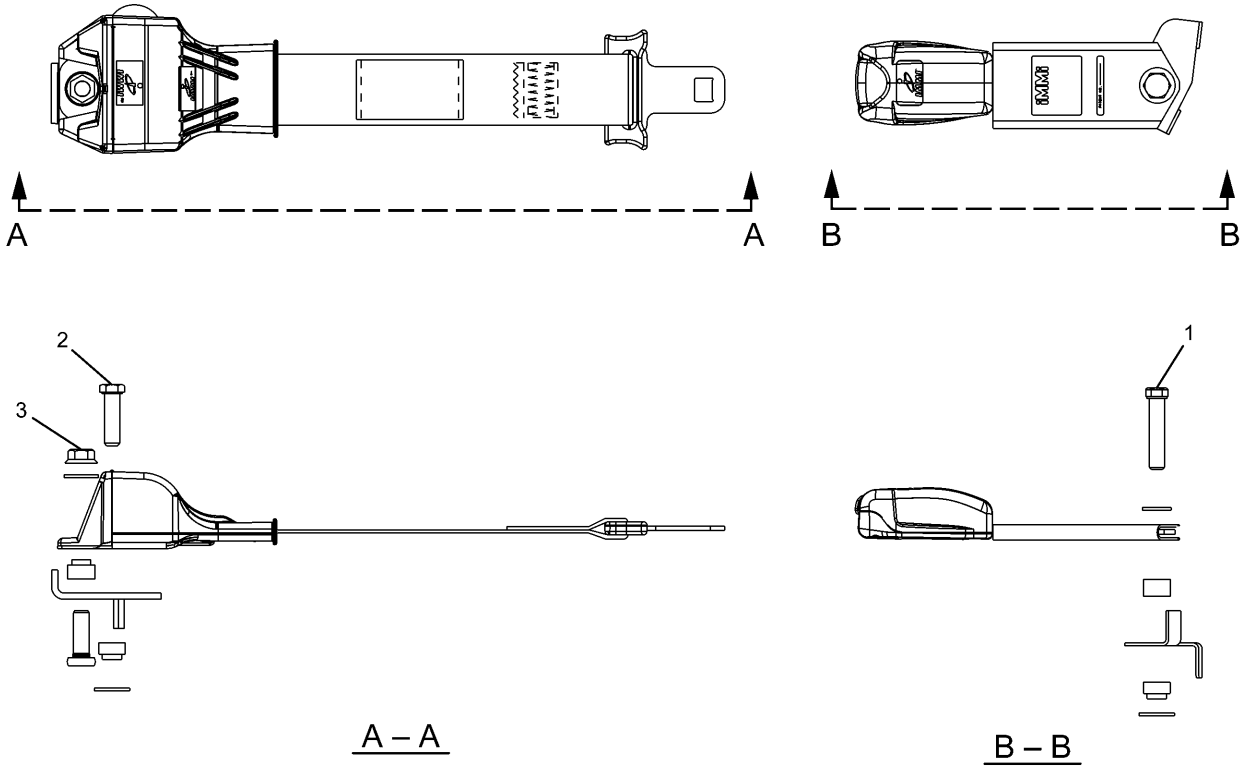
2 Inches Width

S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up

An Attachment

MEMORANDA

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8S-4724	1	BOLT (L=57mm)					
	2	8S-4723	1	BOLT (L=38mm)					
	3	8S-0934	1	LOCKNUT					

H92385E 00

273-5446 SEAT BELT GP

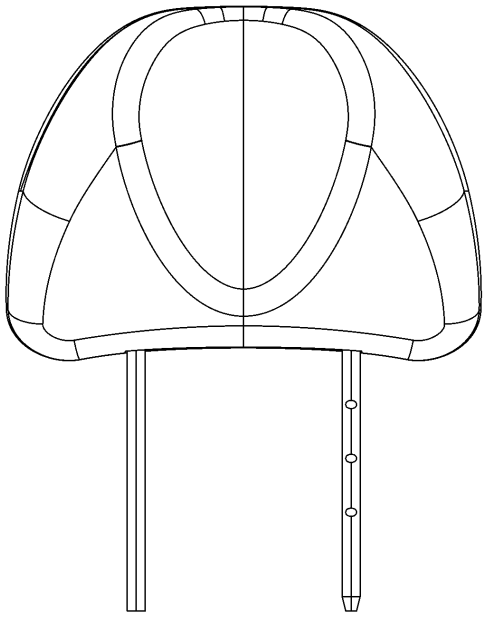
2 Inches Width

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)

Part of 240-5037-Page703

An Attachment

OPERATOR STATION

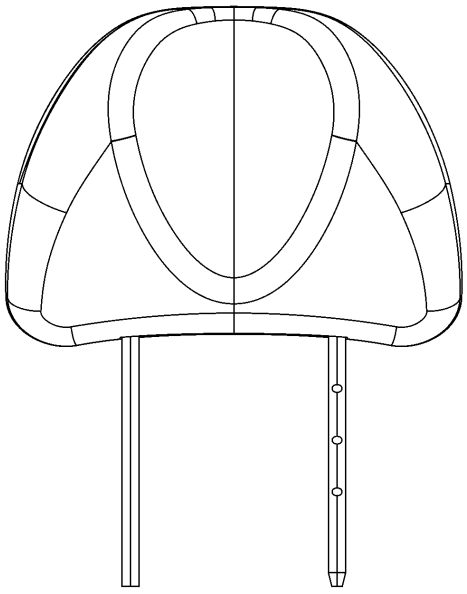


NOTE	No.	PART No.	QTY	PART NAME

H87907E 01

229-9094 HEADREST AS

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
An Attachment



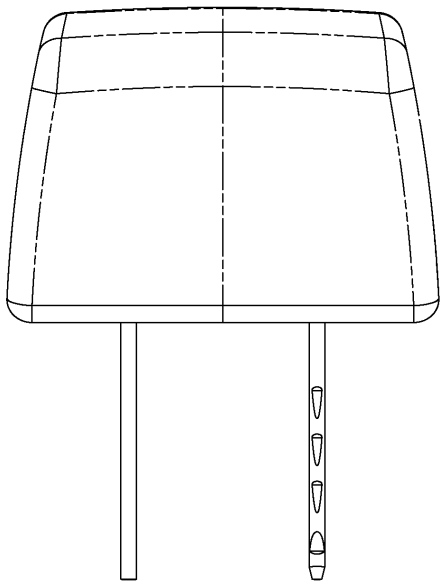
NOTE	No.	PART No.	QTY	PART NAME

H88976E 01

240-5060 HEADREST AS

S/N BWZ 1-(T08.12), DFB 1-(T08.12), SNS 1-(T08.12), WJN 1-(T08.12)
An Attachment

OPERATOR STATION

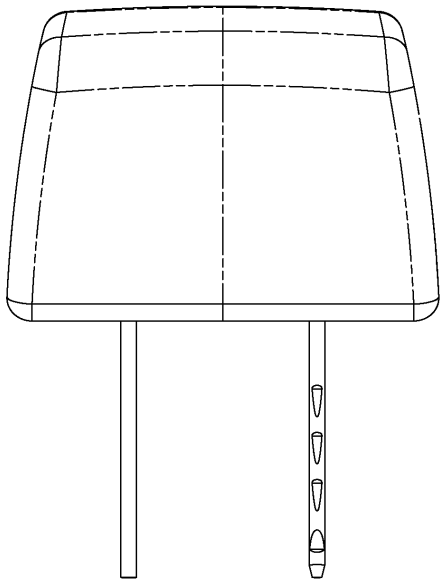


NOTE	No.	PART No.	QTY	PART NAME

HA1178E 00

327-6515 HEADREST AS

S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
An Attachment



NOTE	No.	PART No.	QTY	PART NAME

HA1406E 00

327-6514 HEADREST AS

KAB K1(Vinyl)
S/N BWZ (T09.01)-Up, DFB (T09.01)-Up, SNS (T09.01)-Up, WJN (T09.01)-Up
An Attachment

MEMORANDA

OPERATOR STATION

Consists of :

Page

2	5P-7958	SLEEVE
1	099-3645	CABLE
2	278-1585	KEY

H92032E 01

275-3667 LITERATURE GP

OPERATOR STATION

Consists of :

			Page
1	229-9082	DUCT GP-AIR	716
1	235-9004	AIR CONDITIONER & MOUNTING GP	712

H89680E 02

235-9003 AIR CONDITIONER AR
An Attachment

Consists of :

			Page
1	273-5166	LINES GP-AIR CONDITIONER	720
1	273-5167	CONDENSER & MTG GP-REFRIGERANT	725

H94168E 00

284-4442 AIR CONDITIONER AR
Swing Type
An Attachment

OPERATOR STATION

Consists of :

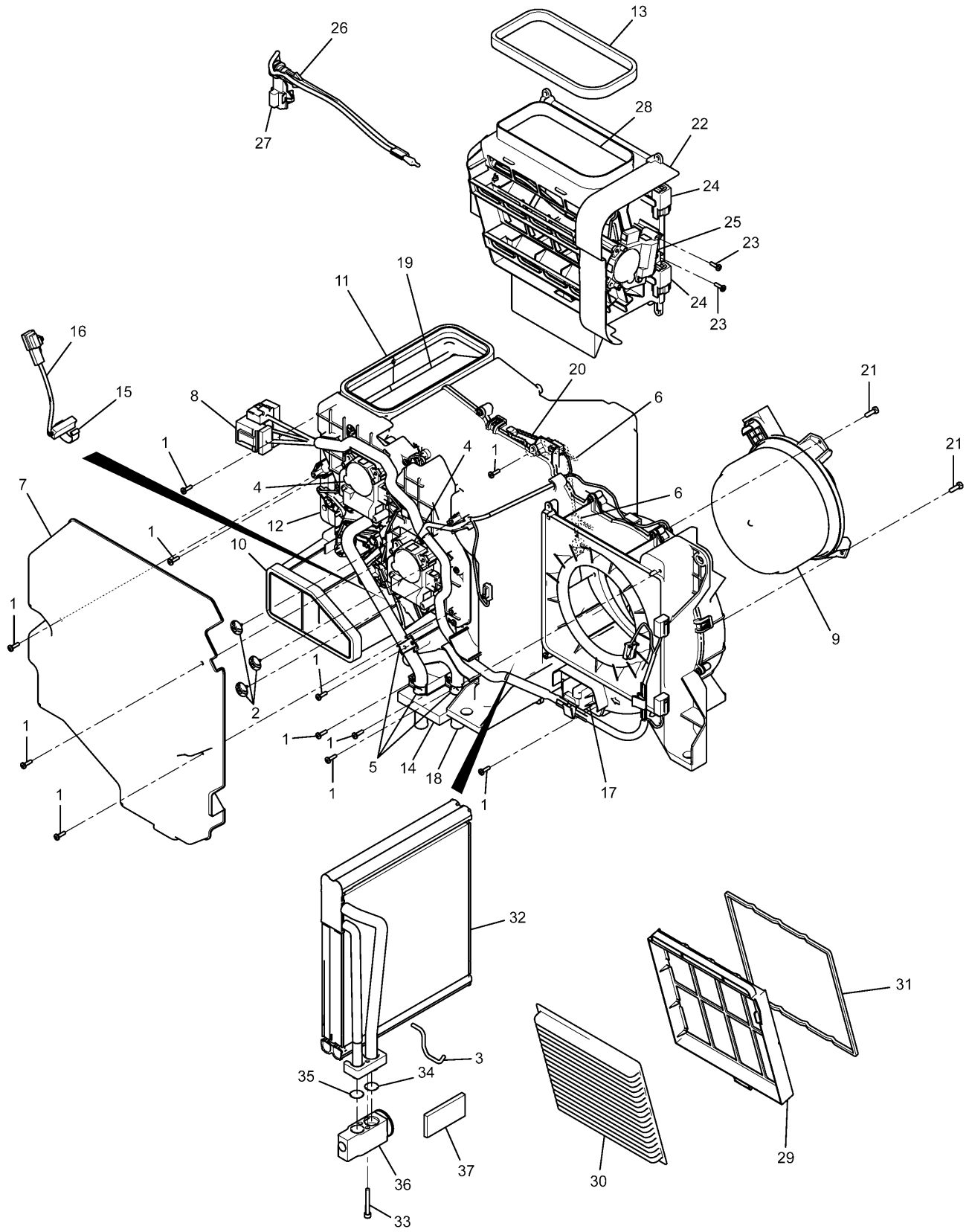
			Page
1	229-9082	DUCT GP-AIR	716
1	229-9084	HEATER & MTG GP-CAB	714
1	273-5169	LINES GP-HEATER	722

H94144E 00

273-5168 HEATER AR-CAB
An Attachment

MEMORANDA

OPERATOR STATION



316-8811 AIR CONDITIONER GP
Part of 235-9004-Page713,229-9084-Page715
An Attachment

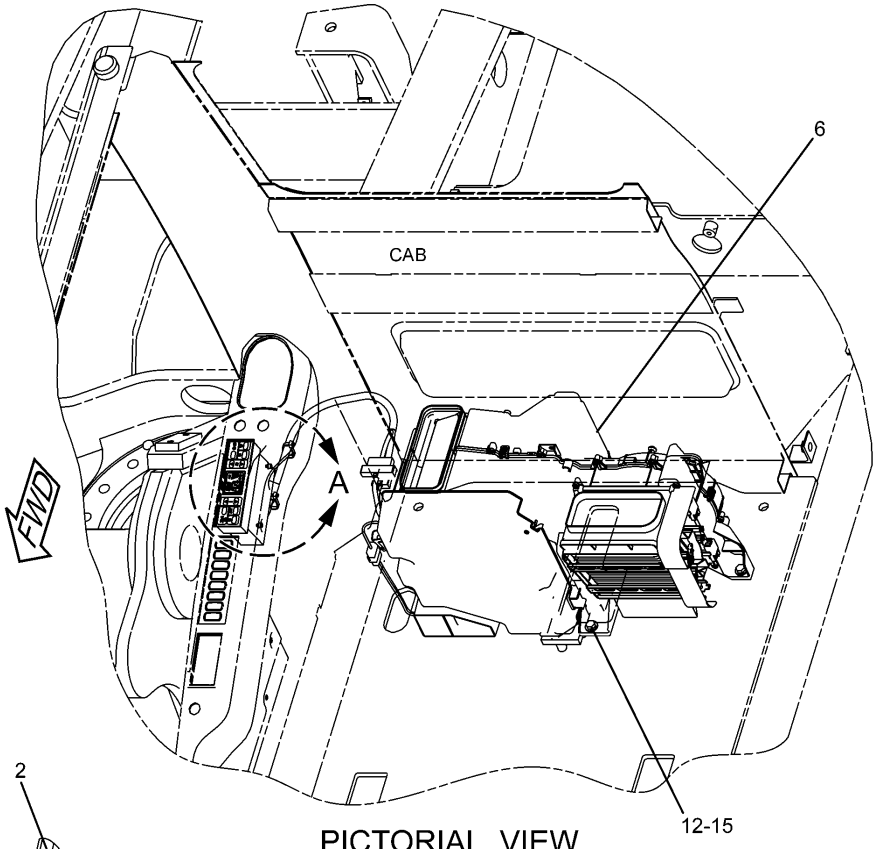
OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	185-8300	35	SCREW					
	2	185-8302	3	SCREW AS					
	3	245-7838	1	PACKING					
	4	245-7817	2	MOTOR AS					
	5	245-7818	3	CLIP					
	6	245-7819	2	CLIP					
	7	245-7820	1	COVER					
	8	245-7847	1	HARNESS AS					
	9	245-7839	1	MOTOR AS					
	10	245-7825	1	INSULATOR					
	11	245-7826	1	INSULATOR					
	12	245-7827	1	INSULATOR					
	13	245-7828	1	INSULATOR					
	14	245-7829	1	PACKING					
	15	245-7830	1	CLIP					
	16	245-7831	1	SENSOR AS					
	17	245-7832	1	CONTROL AS					
	18	245-7833	1	CORE AS					
	19	245-7834	1	DAMPER AS					
	20	245-7835	1	SENSOR AS					
	21	245-7856	3	SCREW AS					
	22	245-7846	1	BOX AS					
	23	185-8300	4	SCREW					
	24	196-1666	2	RELAY					
	25	245-7813	1	MOTOR AS					
	26	245-7814	1	BRACKET					
	27	245-7815	1	SENSOR AS					
	28	245-7816	1	DAMPER AS					
	29	293-1137	1	FILTER AS					
	30	245-7823	1	FILTER					
	31	245-7824	1	PACKING					
	32	245-7836	1	CORE AS					
	33	8T-0266	2	BOLT (L=40mm)					
	34	121-7136	1	SEAL-O-RING (ID=13.40mm)					
	35	121-7138	1	SEAL-O-RING (ID=6.70mm)					
	36	245-7837	1	VALVE AS					
	37	245-7905	1	INSULATOR					

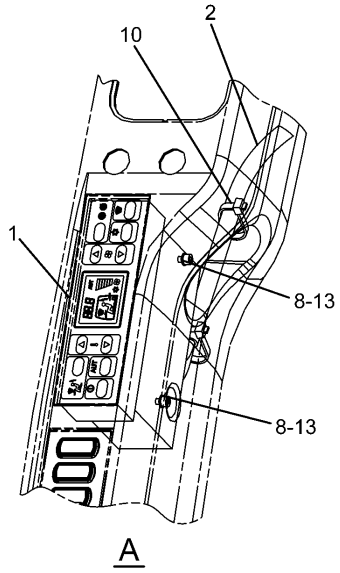
H99409E 00

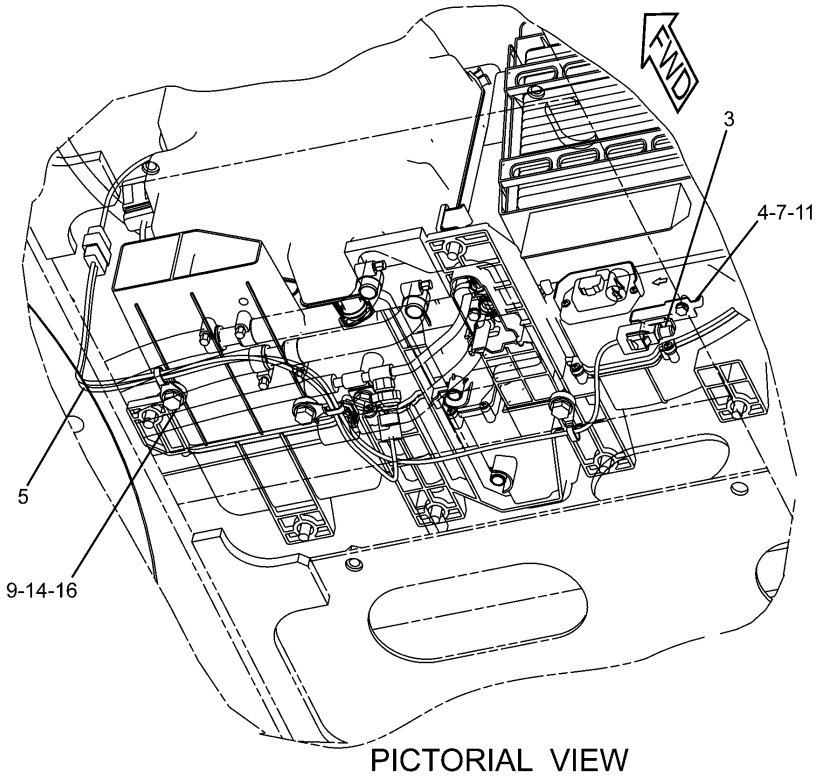
316-8811 AIR CONDITIONER GP
Part of 235-9004-Page713,229-9084-Page715
An Attachment

OPERATOR STATION



PICTORIAL VIEW





PICTORIAL VIEW
(PLATFORM THE BACK)

H99408E 06

235-9004 AIR CONDITIONER & MOUNTING GP
Part of 235-9003-Page707
316-8811-Page710
An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	293-1136	1	PANEL AS					
	2	235-8873	1	HARNESS AS					
	3	235-8874	1	SENSOR					
	4	235-8875	1	BRACKET					
	5	235-9005	1	HARNESS AS					
Y	6	316-8811	1	CONDITIONER GP					
	7	9X-8256	1	WASHER					
	8	099-2374	2	BOLT (L=12mm)					
	9	111-4836	3	CLIP					
	10	3S-2093	2	STRAP					
	11	5C-9553	1	BOLT (L=16mm)					
	12	7X-7729	7	WASHER					
	13	8T-0328	2	WASHER					
	14	8T-4121	3	WASHER					
	15	8T-4136	7	BOLT (L=25mm)					
	16	8T-4137	3	BOLT (L=20mm)					

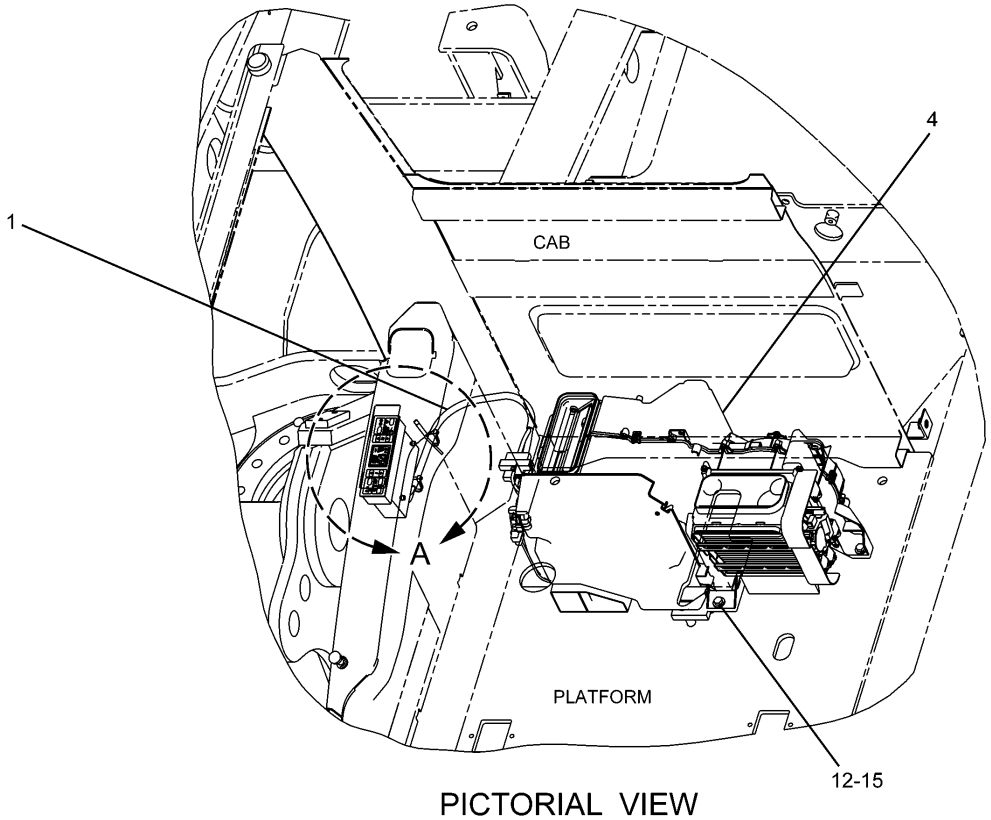
Y—SEE SEPARATE ILLUSTRATION

H99408E 06

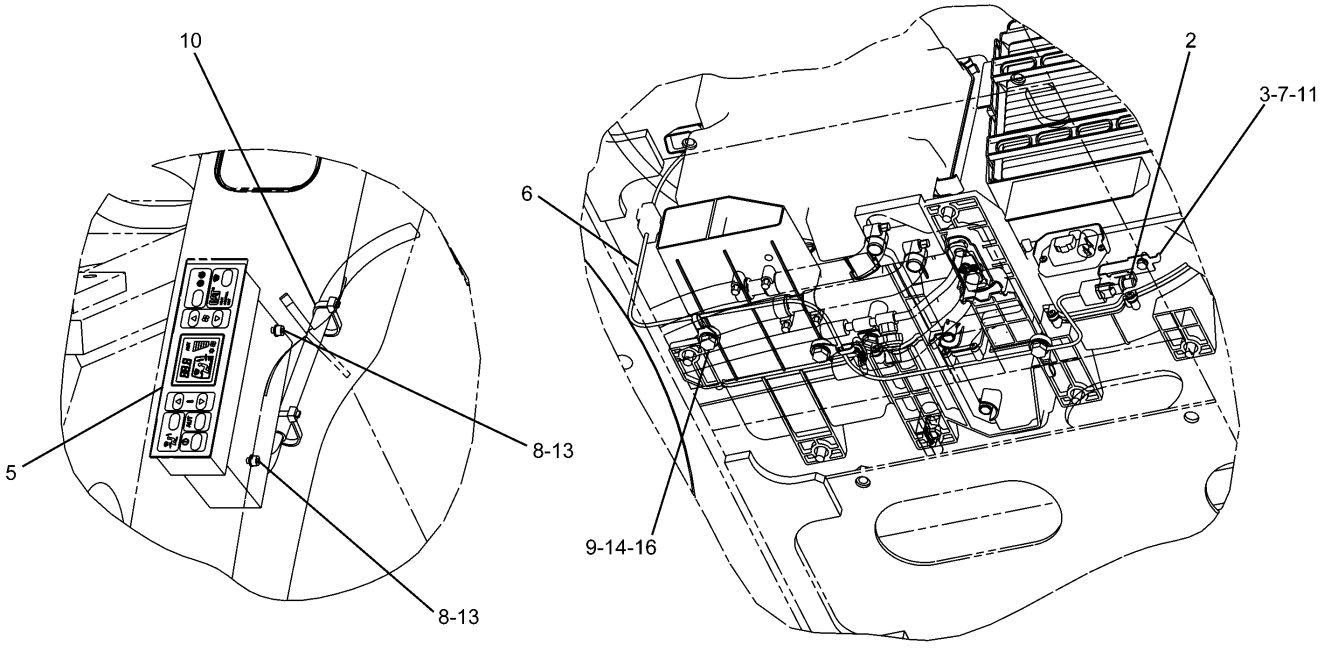
235-9004 AIR CONDITIONER & MOUNTING GP

Part of 235-9003-Page707
316-8811-Page710
An Attachment

OPERATOR STATION



PICTORIAL VIEW
(VIEW FROM FRONT SIDE)



PICTORIAL VIEW
(VIEW FROM FRONT SIDE)

H99567E 04

229-9084 HEATER & MTG GP-CAB
Part of 273-5168-Page708
316-8811-Page710
An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	235-8873	1	HARNESS AS					
	2	235-8874	1	SENSOR					
	3	235-8875	1	BRACKET					
Y	4	316-8811	1	CONDITIONER GP					
	5	293-1138	1	PANEL AS					
	6	245-7858	1	HARNESS AS					
	7	9X-8256	1	WASHER					
	8	099-2374	2	BOLT (L=12mm)					
	9	111-4836	3	CLIP					
	10	3S-2093	2	STRAP					
	11	5C-9553	1	BOLT (L=16mm)					
	12	7X-7729	7	WASHER					
	13	8T-0328	2	WASHER					
	14	8T-4121	3	WASHER					
	15	8T-4136	7	BOLT (L=25mm)					
	16	8T-4137	3	BOLT (L=20mm)					

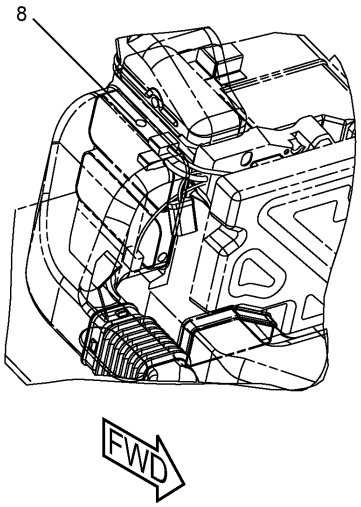
Y—SEE SEPARATE ILLUSTRATION

H99567E 04

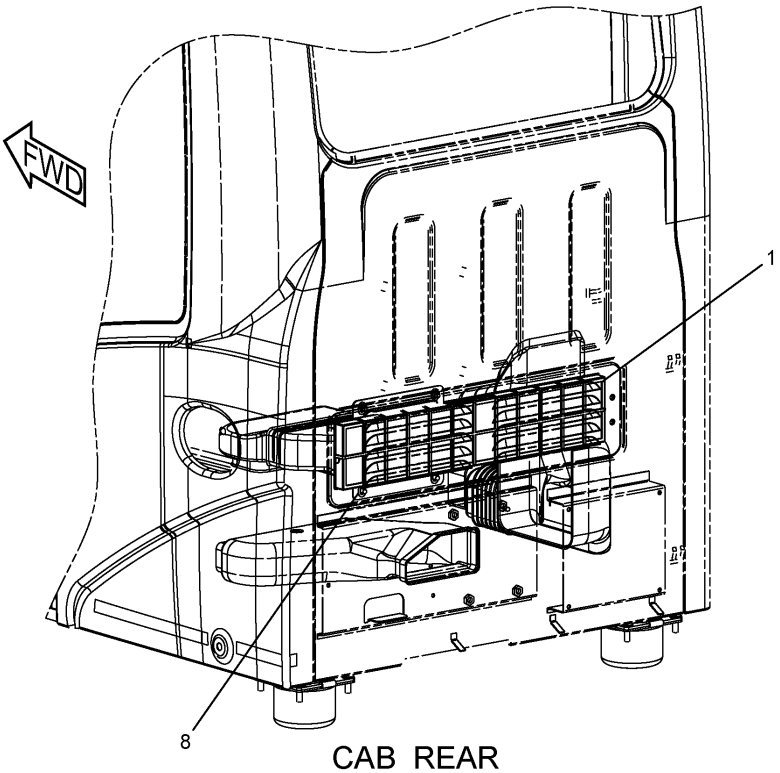
229-9084 HEATER & MTG GP-CAB

Part of 273-5168-Page708
316-8811-Page710
An Attachment

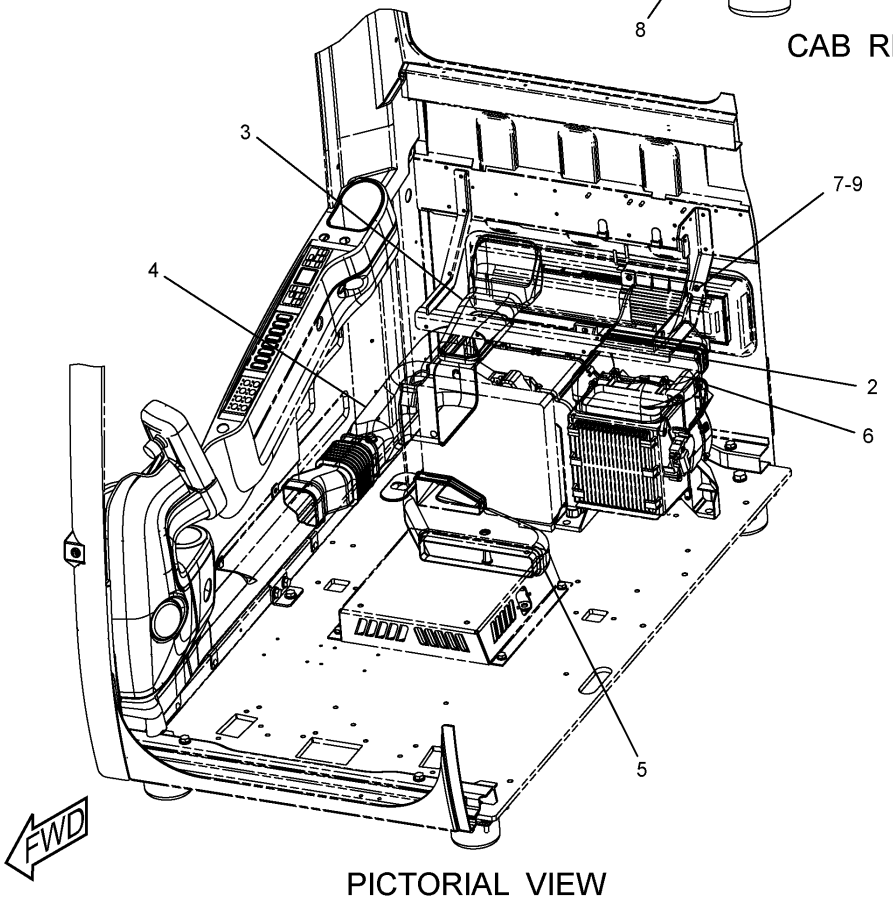
OPERATOR STATION



A/C UNIT



CAB REAR



PICTORIAL VIEW

H97214E 06

229-9082 DUCT GP-AIR
Part of 235-9003-Page707,273-5168-Page708
An Attachment

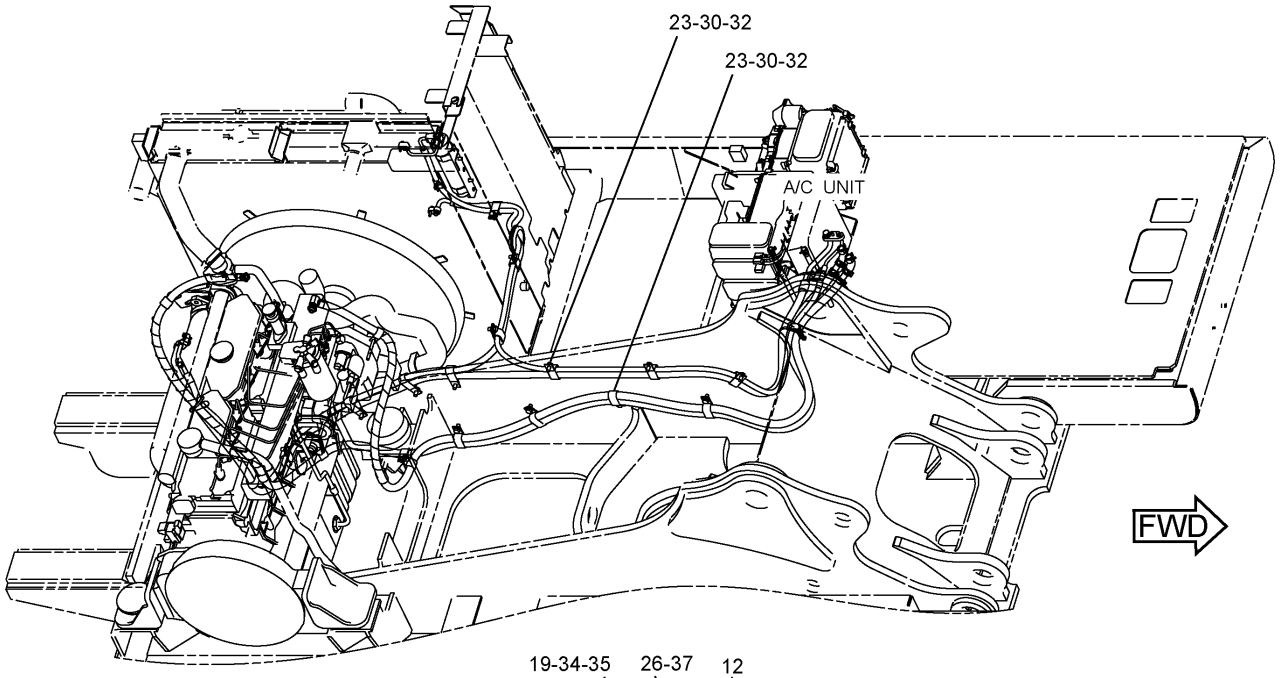
OPERATOR STATION

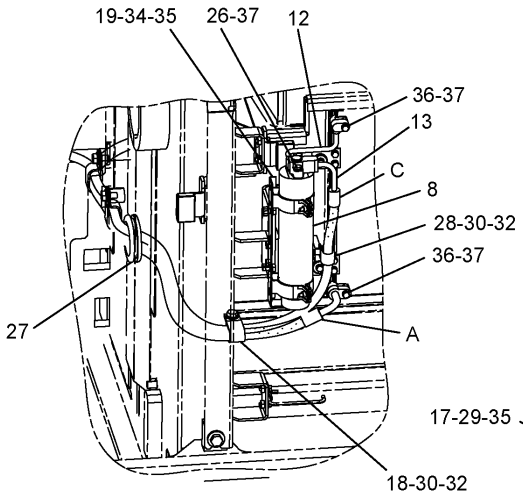
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	305-0329	1	FILTER AS					
		293-1184	1	FILTER					
	2	235-8876	1	DUCT AS					
		245-7872	1	INSULATOR					
	3	235-8877	1	DUCT AS					
		245-7792	1	INSULATOR					
	4	235-8878	1	DUCT AS					
		245-7793	1	INSULATOR					
	5	235-8879	1	DUCT AS					
		245-7873	1	INSULATOR					
	6	240-5074	1	DUCT AS					
		245-7791	1	INSULATOR					
	7	095-0742	2	SCREW					
	8	176-1996	5	CLIP					
	9	095-0827	2	LOCKWASHER					

H97214E 06

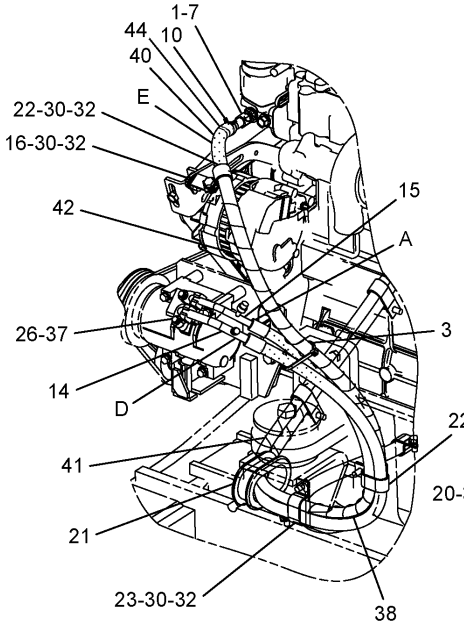
229-9082 DUCT GP-AIR
Part of 235-9003-Page707,273-5168-Page708
An Attachment

OPERATOR STATION

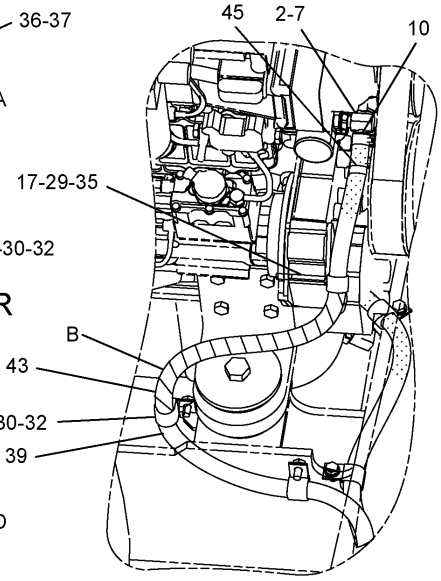




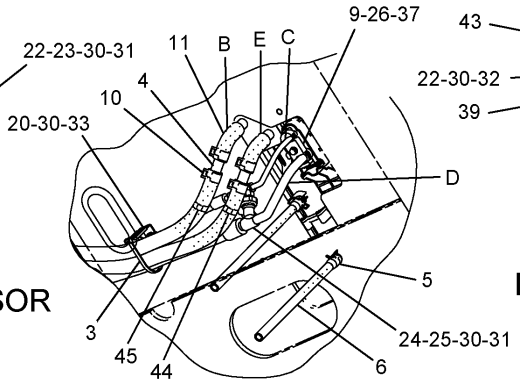
DETAIL OF CONDENSER



DETAIL OF COMPRESSOR



DETAIL OF ENGINE



DETAIL OF A/C UNIT

H99581E 04

284-4386 LINES GP-AIR CONDITIONER

OPERATOR STATION

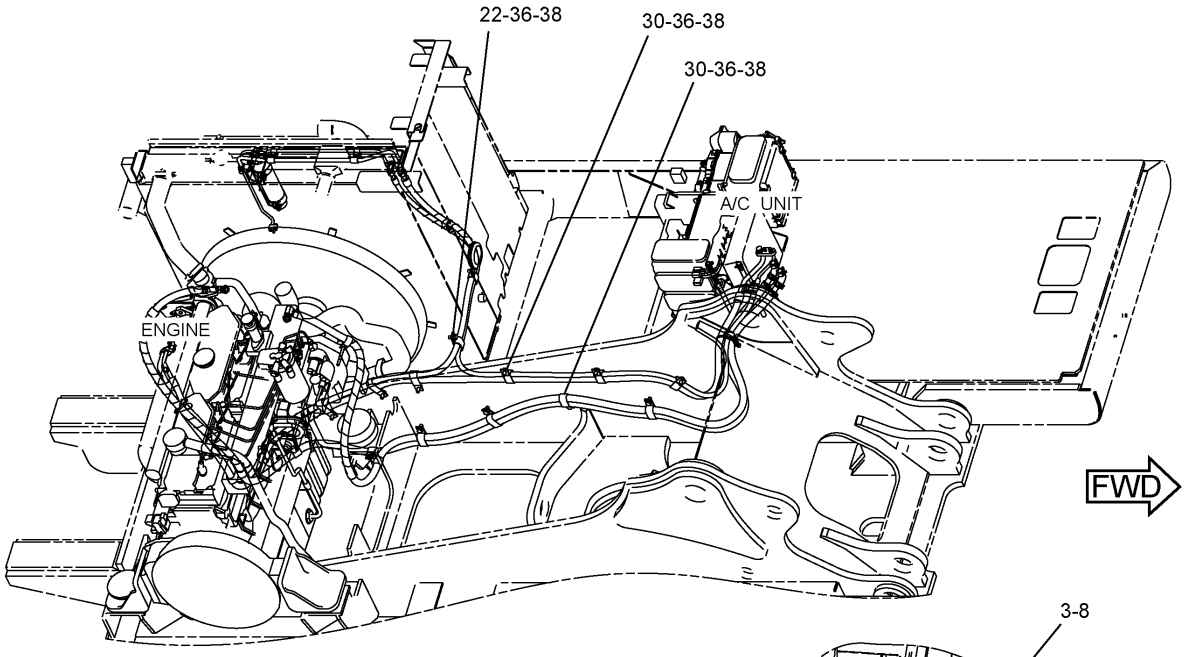
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-4580	1	NIPPLE					
	2	7I-0375	1	ELBOW					
	3	7K-1181	2	STRAP					
	4	122-9605	2	JOINT					
	5	122-9657	2	CLAMP					
	6	130-0252	2	HOSE					
	7	155-7024	2	SPACER					
	8	176-1902	1	RECEIVER AS					
	9	235-8891	1	PLATE					
	10	235-9014	8	CLAMP					
	11	235-9015	2	HOSE					
	12	245-7756	1	TUBE AS					
		121-7138	2	SEAL-O-RING (ID=6.70mm)					
	13	245-7757	1	HOSE AS					
		121-7138	2	SEAL-O-RING (ID=6.70mm)					
		130-0270	1	SWITCH AS (PRESSURE)					
		185-8293	1	SEAL-O-RING (ID=10.60mm)					
	14	245-7758	1	HOSE AS					
		121-7136	2	SEAL-O-RING (ID=13.40mm)					
		245-7851	1	PLUG					
	15	273-5400	1	HOSE AS					
		121-7137	2	SEAL-O-RING (ID=10.80mm)					
		245-7850	1	PLUG					
	16	293-1230	1	SUPPORT AS					
	17	095-0913	1	CLIP					
	18	100-4336	3	CLIP					
	19	121-7098	1	BRACKET AS					
	20	132-5789	1	CLIP					
	21	4I-3503	1	GROMMET					
	22	4S-1962	6	CLIP					
	23	6D-1641	12	CLIP					
	24	6D-3479	1	CLIP					
	25	6V-3265	1	CLIP					
	26	6V-7357	5	BOLT (L=25mm)					
	27	6W-7293	1	GROMMET					
	28	8M-2773	1	CLIP					
	29	8T-3647	1	BOLT (L=80mm)					
	30	8T-4121	24	WASHER					
	31	8T-4136	2	BOLT (L=25mm)					
	32	8T-4137	21	BOLT (L=20mm)					
	33	8T-4191	1	BOLT (L=16mm)					
	34	8T-4200	2	BOLT (L=16mm)					
	35	8T-4224	3	WASHER					
	36	8T-4971	2	BOLT (L=30mm)					
	37	9X-8256	7	WASHER					
E	38	225-5707		GUARD…(52cm)					
E	39	5P-0767		HOSE…(310cm)					
E	40	5P-0767		HOSE…(380cm)					
E	41	225-5707		GUARD…(15cm × 2)					
E	42	225-5714		GUARD…(75cm)					
E	43	225-5714		GUARD…(55cm)					
	44	305-0441	2	BAND (HS)					
	45	305-0442	2	BAND (HR)					

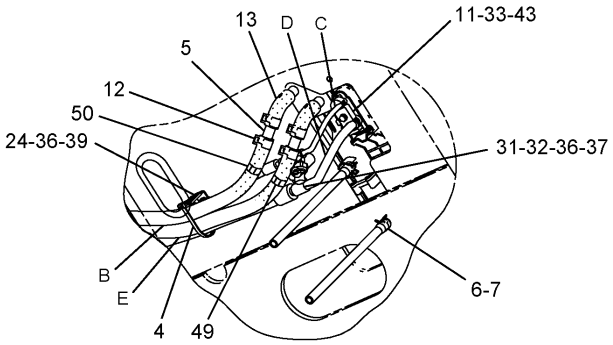
E—ORDER BY THE CENTIMETER

H99581E 04

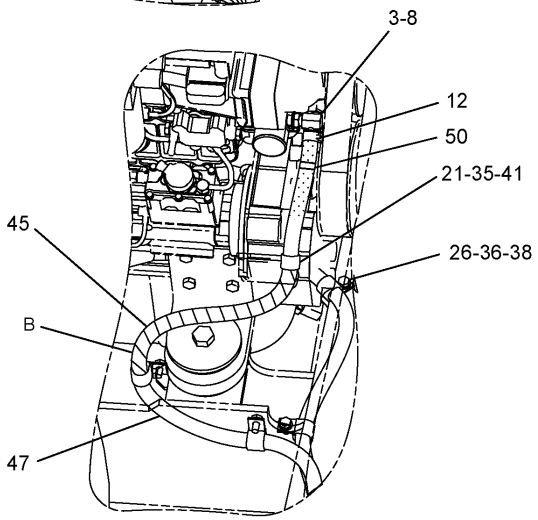
284-4386 LINES GP-AIR CONDITIONER

OPERATOR STATION

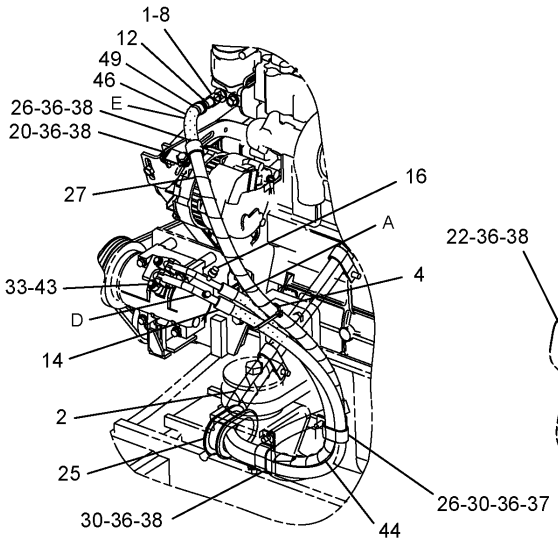




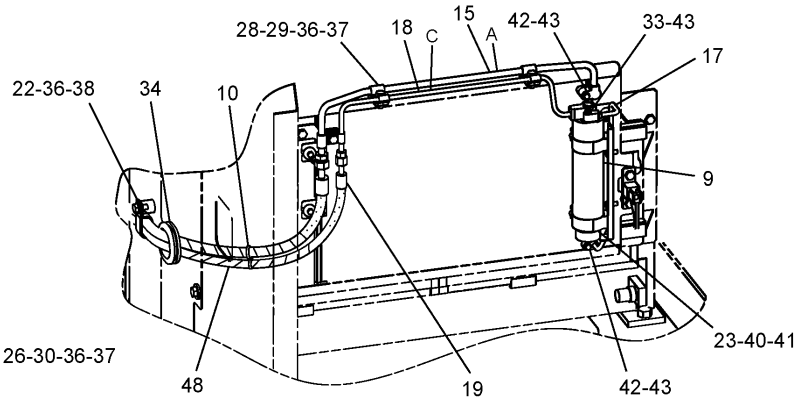
DETAIL OF A/C UNIT



DETAIL OF ENGINE



DETAIL OF COMPRESSOR



DETAIL OF CONDENSER

H99583E 06

273-5166 LINES GP-AIR CONDITIONER
Part of 284-4442-Page707
An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME
	1	4I-4580	1	NIPPLE
E	2	225-5707		GUARD…(15cm × 2)
	3	7I-0375	1	ELBOW
	4	7K-1181	2	STRAP
	5	122-9605	2	JOINT
	6	122-9657	2	CLAMP
	7	130-0252	2	HOSE
	8	155-7024	2	SPACER
	9	176-1902	1	RECEIVER AS
	10	204-1611	1	STRAP
	11	235-8891	1	PLATE
	12	235-9014	8	CLAMP
	13	235-9015	2	HOSE
	14	245-7758	1	HOSE AS
		121-7136	2	SEAL-O-RING (ID=13.40mm)
		245-7851	1	PLUG
	15	284-4552	1	TUBE AS
		121-7137	1	SEAL-O-RING (ID=10.80mm)
	16	293-1117	1	HOSE AS
		121-7137	2	SEAL-O-RING (ID=10.80mm)
		245-7850	1	PLUG
	17	293-1118	1	TUBE AS
		121-7138	2	SEAL-O-RING (ID=6.70mm)
	18	293-1119	1	TUBE AS
		121-7138	2	SEAL-O-RING (ID=6.70mm)
		130-0270	1	SWITCH AS (PRESSURE)
		185-8293	1	SEAL-O-RING (ID=10.60mm)
	19	293-1120	1	HOSE AS
		121-7138	2	SEAL-O-RING (ID=6.70mm)
		130-0270	1	SWITCH AS (PRESSURE)
		185-8293	1	SEAL-O-RING (ID=10.60mm)
	20	293-1230	1	SUPPORT AS
	21	095-0913	1	CLIP
	22	100-4336	2	CLIP
	23	121-7098	1	BRACKET AS
		8T-4138	2	BOLT (L=20mm)
		9X-8256	2	WASHER
	24	132-5789	1	CLIP
	25	4I-3503	1	GROMMET
	26	4S-1962	6	CLIP
E	27	225-5714		GUARD…(75cm)
	28	5K-3294	3	CLIP
	29	5P-9085	3	CLIP
	30	6D-1641	12	CLIP
	31	6D-3479	1	CLIP
	32	6V-3265	1	CLIP
	33	6V-7357	5	BOLT (L=25mm)
	34	6W-7293	1	GROMMET
	35	8T-3647	1	BOLT (L=80mm)
	36	8T-4121	25	WASHER
	37	8T-4136	5	BOLT (L=25mm)
	38	8T-4137	19	BOLT (L=20mm)
	39	8T-4191	1	BOLT (L=16mm)
	40	8T-4200	2	BOLT (L=16mm)
	41	8T-4224	3	WASHER
	42	8T-4971	2	BOLT (L=30mm)
	43	9X-8256	7	WASHER
E	44	225-5707		GUARD…(22cm)
E	45	225-5714		GUARD…(55cm)
E	46	5P-0767		HOSE…(380cm)
E	47	5P-0767		HOSE…(310cm)
E	48	225-5707		GUARD…(30cm × 2)
	49	305-0441	2	BAND (HS)
	50	305-0442	2	BAND (HR)

E—ORDER BY THE CENTIMETER

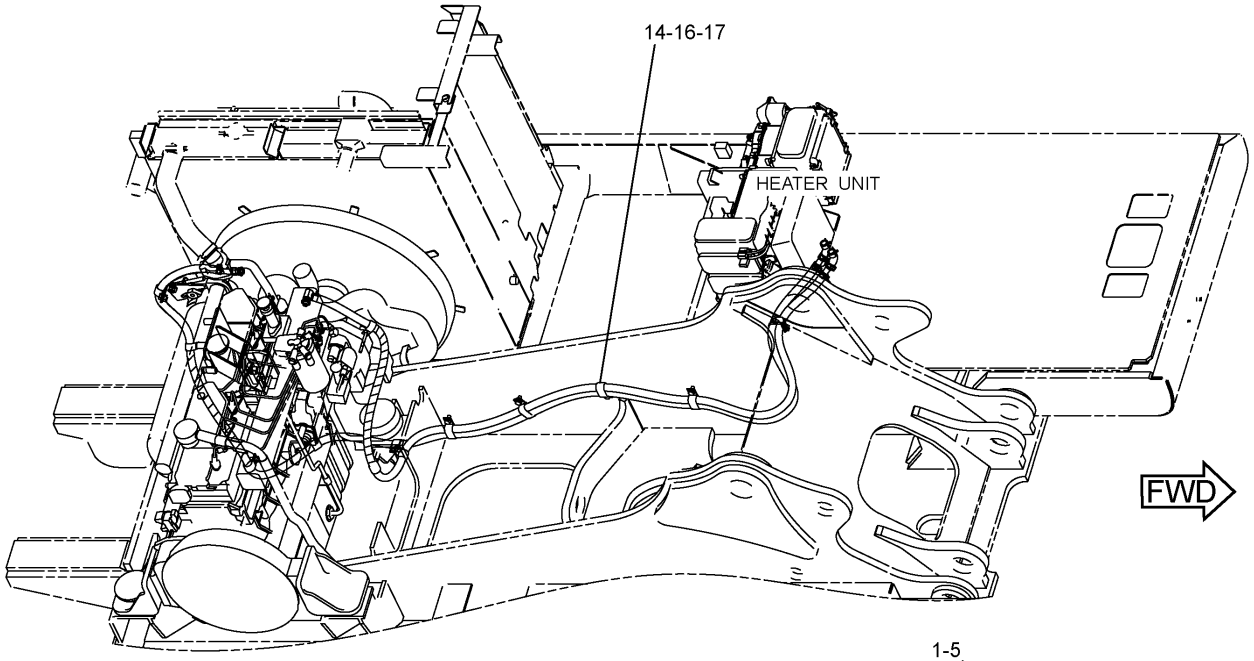
H99583E 06

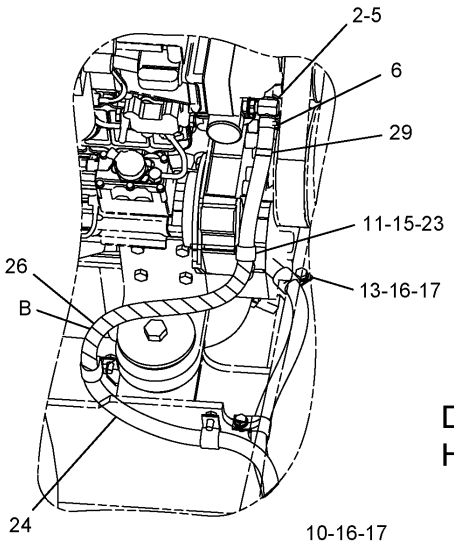
273-5166 LINES GP-AIR CONDITIONER

Part of 284-4442-Page707

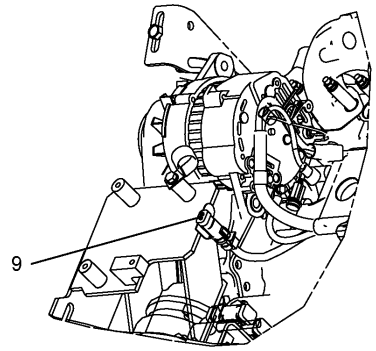
An Attachment

OPERATOR STATION

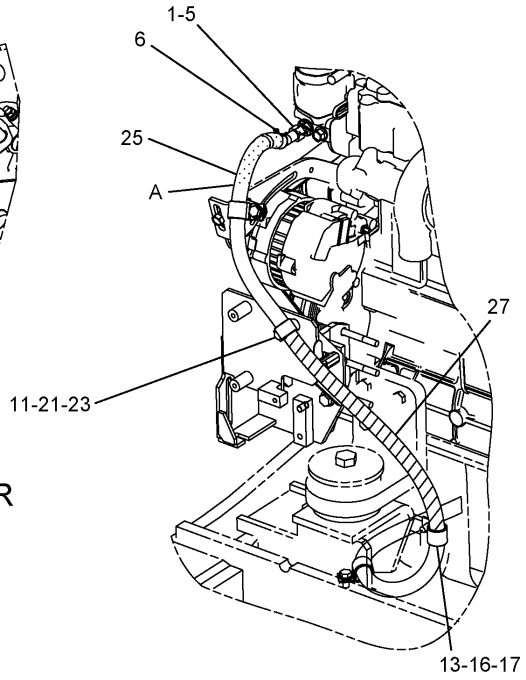




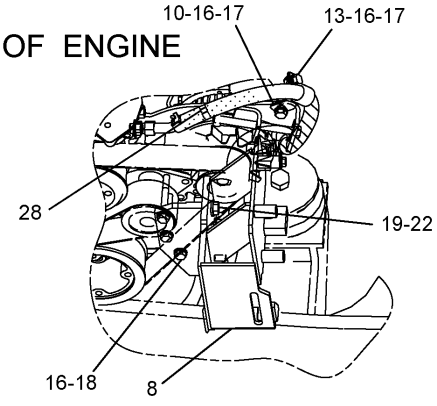
DETAIL OF ENGINE



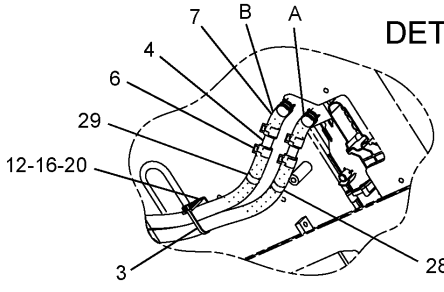
DETAIL OF
HARNESS CONNECTOR



DETAIL OF ENGINE



DETAIL OF COMPRESSOR BRACKET



DETAIL OF HEATER UNIT

H99582E 03

273-5169 LINES GP-HEATER
Part of 273-5168-Page708
An Attachment

OPERATOR STATION

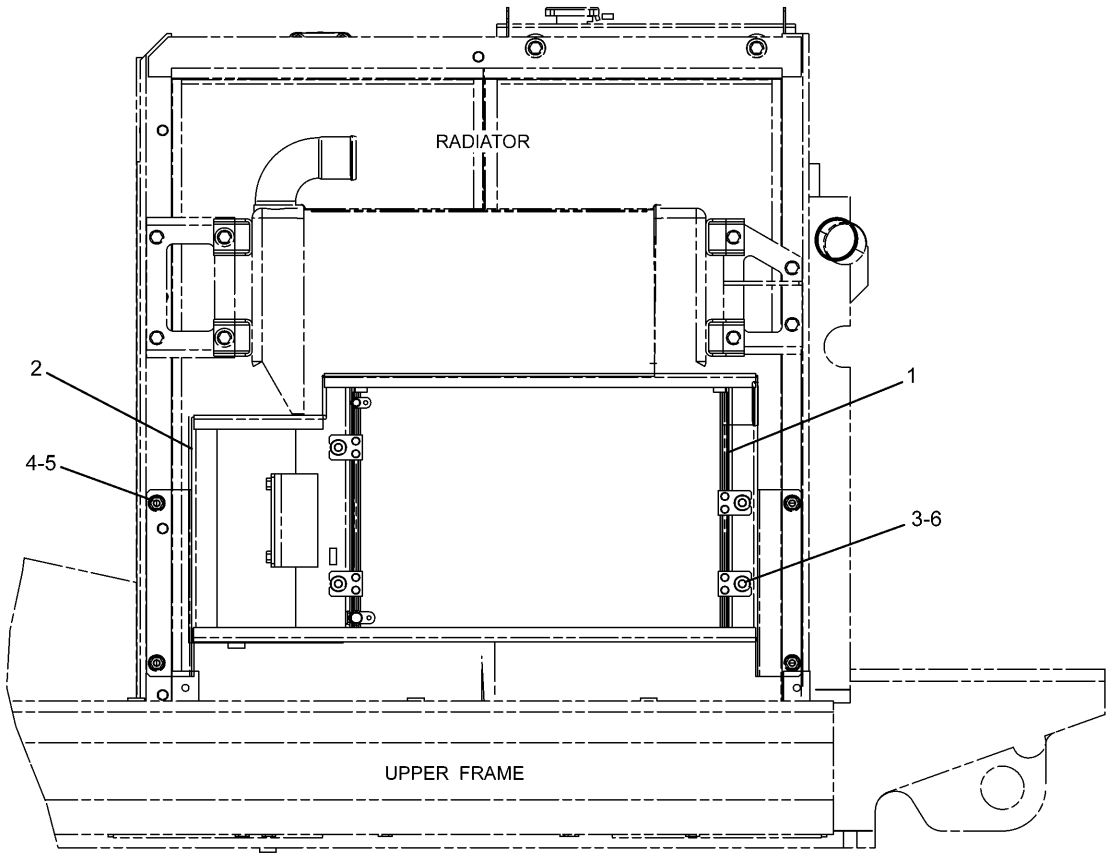
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-4580	1	NIPPLE					
	2	7I-0375	1	ELBOW					
	3	7K-1181	1	STRAP					
	4	122-9605	2	JOINT					
	5	155-7024	2	SPACER					
	6	235-9014	8	CLAMP					
	7	235-9015	2	HOSE					
	8	266-6207	1	BRACKET AS					
	9	283-2893	1	RECEPTACLE AS					
		8T-8737	2	PLUG					
		243-4505	1	RECEPTACLE AS					
	10	293-1230	1	SUPPORT AS					
	11	095-0913	2	CLIP					
	12	132-5789	1	CLIP					
	13	4S-1962	6	CLIP					
	14	6D-1641	4	CLIP					
	15	8T-3647	1	BOLT (L=80mm)					
	16	8T-4121	15	WASHER					
	17	8T-4137	11	BOLT (L=20mm)					
	18	8T-4172	3	BOLT (L=80mm)					
	19	8T-4184	2	BOLT (L=45mm)					
	20	8T-4191	1	BOLT (L=16mm)					
	21	8T-4200	1	BOLT (L=16mm)					
	22	8T-4223	2	WASHER					
	23	8T-4224	2	WASHER					
E	24	5P-0767		HOSE…(310cm)					
E	25	5P-0767		HOSE…(380cm)					
E	26	225-5714		GUARD…(55cm)					
E	27	225-5714		GUARD…(43cm)					
	28	305-0441	2	BAND (HS)					
	29	305-0442	2	BAND (HR)					

E—ORDER BY THE CENTIMETER

H99582E 03

273-5169 LINES GP-HEATER
Part of 273-5168-Page708
An Attachment

OPERATOR STATION



LEFT SIDE VIEW

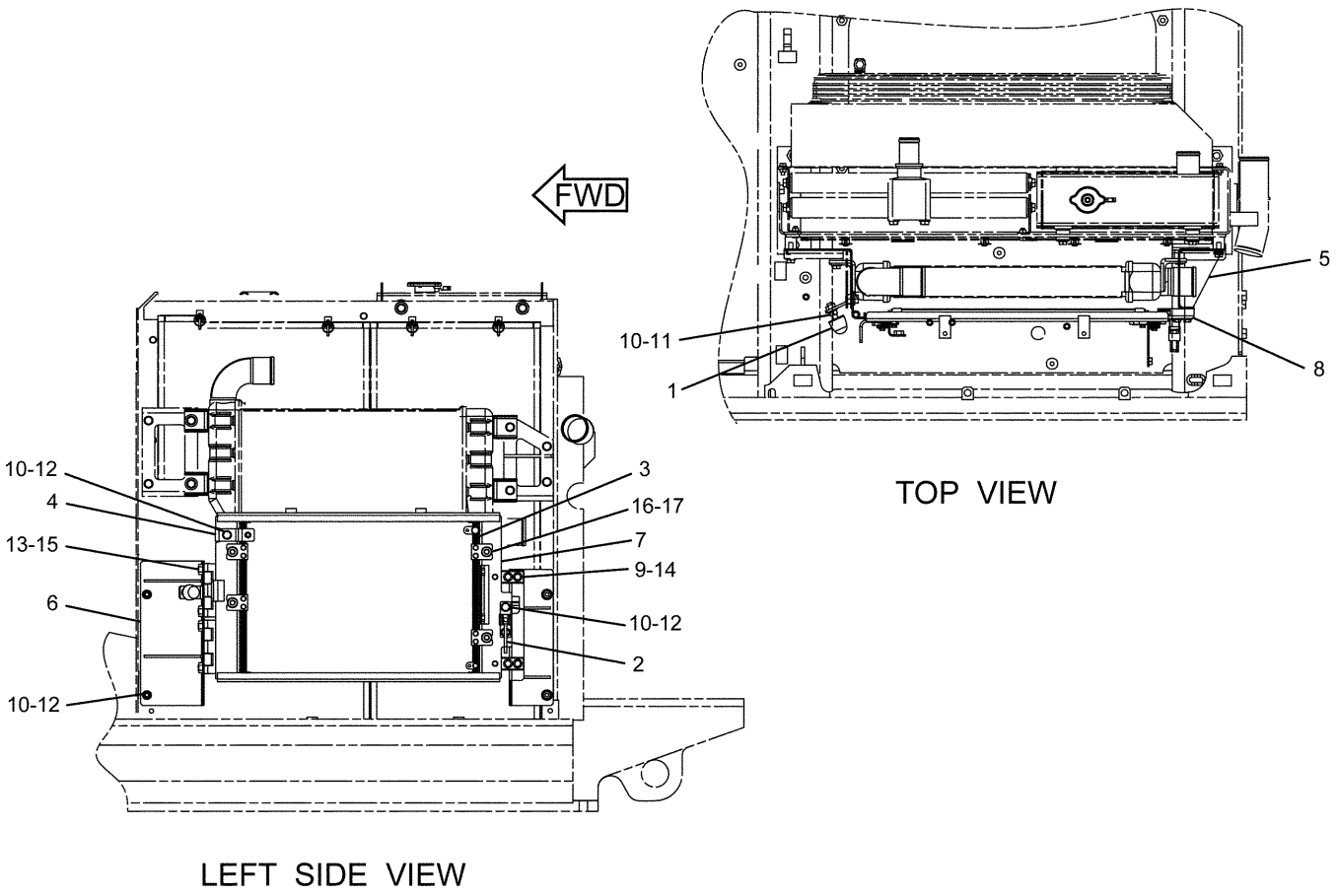
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	245-7749	1	CONDENSER GP					
	2	259-7207	1	SUPPORT AS					
	3	7X-2533	4	BOLT (L=35mm)					
	4	8T-4121	4	WASHER					
	5	8T-4137	4	BOLT (L=20mm)					
	6	9X-8256	4	WASHER					

Y—SEE SEPARATE ILLUSTRATION

H93949E 01

259-7184 CONDENSER & MTG GP-REFRIGERANT
245-7749-Page726

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-8561	1	BUMPER					
	2	193-2764	1	HANDLE AS					
Y	3	245-7749	1	CONDENSER GP					
	4	273-5399	1	BRACKET AS					
	5	293-1121	1	SUPPORT AS					
	6	293-1124	1	SUPPORT AS					
	7	293-1127	2	SUPPORT AS					
	8	193-2765	2	SUPPORT AS					
	9	5P-4116	4	WASHER					
	10	8T-4121	8	WASHER					
	11	8T-4133	1	NUT					
	12	8T-4137	7	BOLT (L=20mm)					
	13	8T-4179	4	BOLT (L=20mm)					
	14	8T-4189	4	BOLT (L=20mm)					
	15	8T-4223	4	WASHER					
	16	8T-4971	4	BOLT (L=30mm)					
	17	9X-8256	4	WASHER					

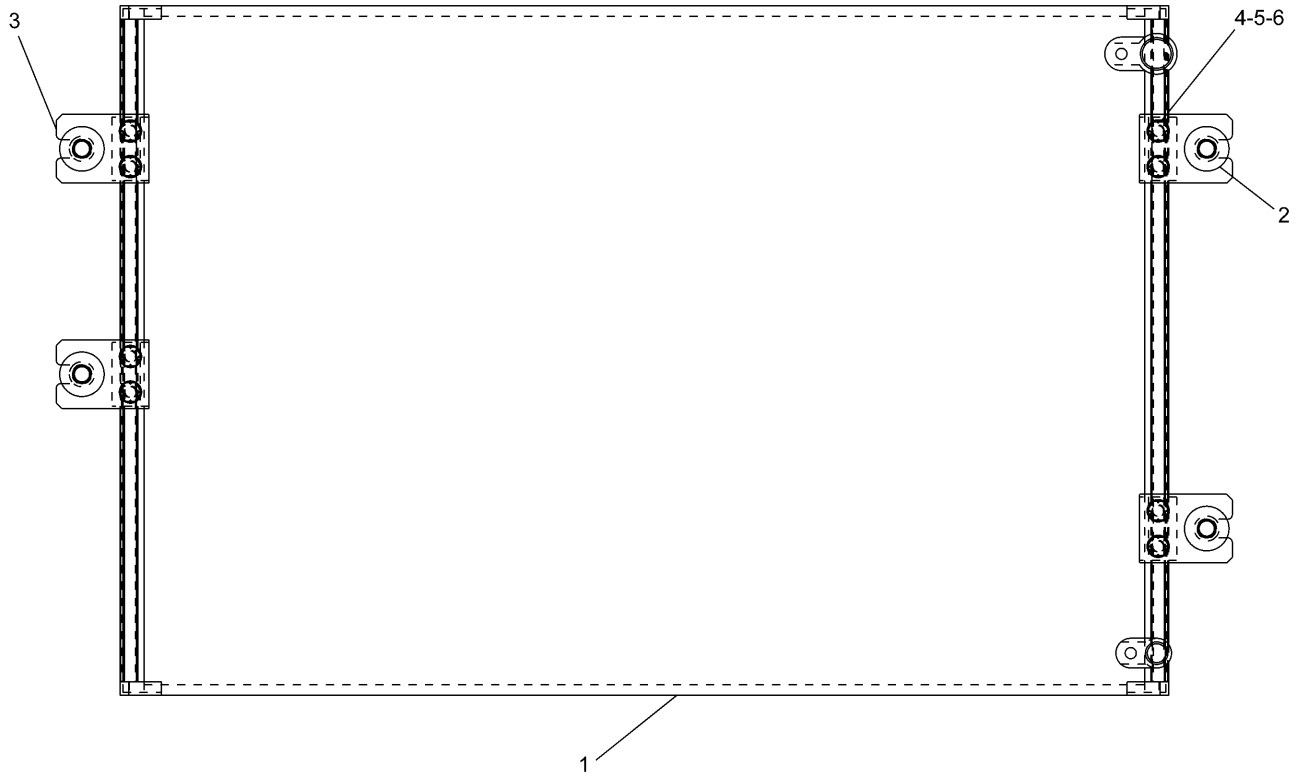
Y—SEE SEPARATE ILLUSTRATION

H94170E 01

273-5167 CONDENSER & MTG GP-REFRIGERANT

Part of 284-4442-Page707
245-7749-Page726
An Attachment

OPERATOR STATION



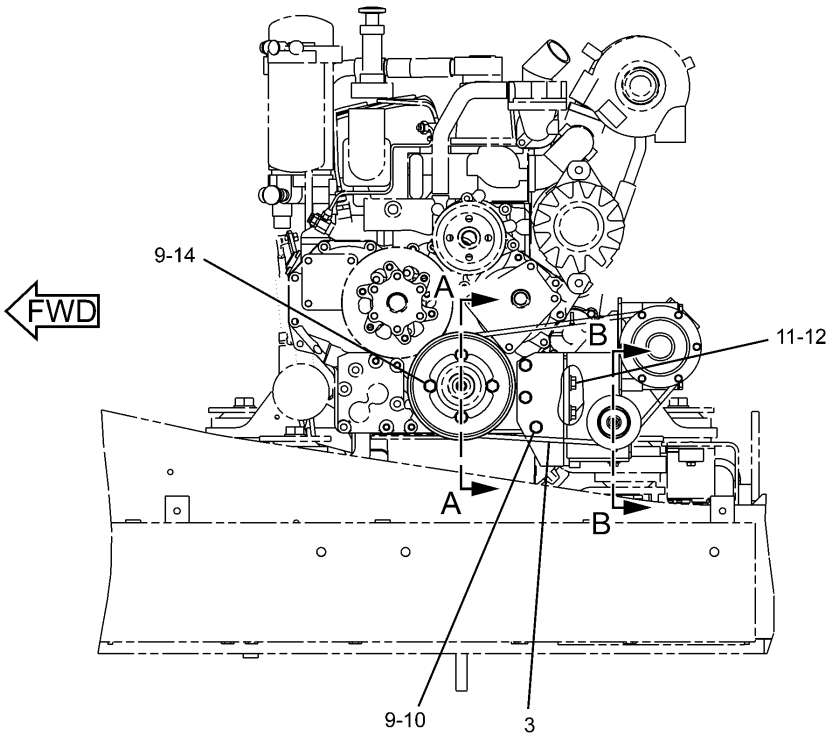
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	235-8880	1	CONDENSER AS					
	2	245-7750	4	BUSHING					
	3	245-7751	4	BRACKET					
	4	095-0827	8	LOCKWASHER					
	5	8T-4171	8	BOLT (L=12mm)					
	6	9X-8256	8	WASHER					

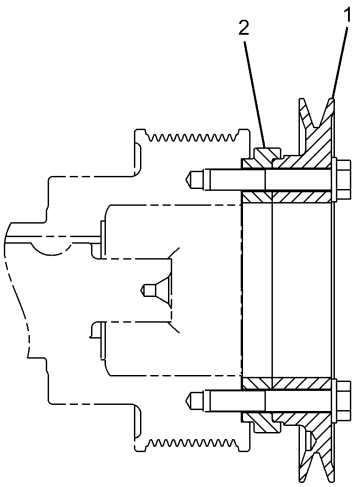
H89634E 01

245-7749 CONDENSER GP-REFRIGERANT
Part of 259-7184-Page724,273-5167-Page725

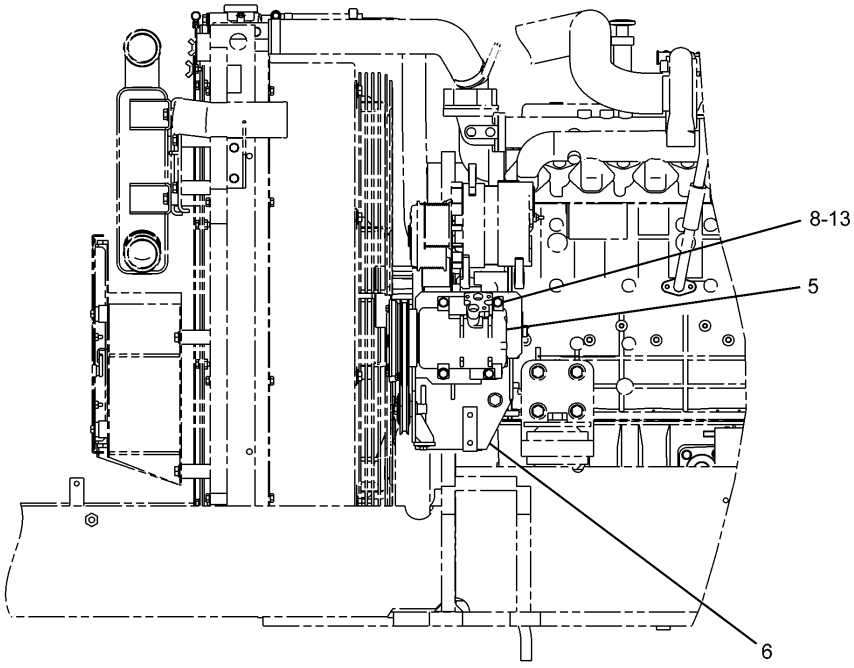
MEMORANDA

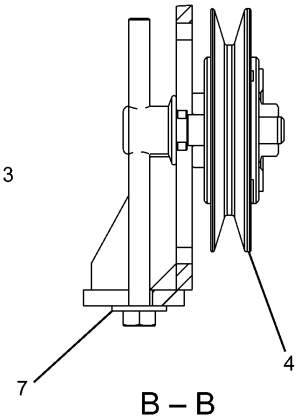
OPERATOR STATION





A – A





B – B

LEFT SIDE VIEW OF ENGINE

H98066E 07

239-6507 COMPRESSOR GP-REFRIGERANT
255-3018-Page730

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	118-9863	1	PULLEY					
	2	201-3888	1	SPACER					
	3	255-2927	1	V-BELT					
Y	4	255-3018	1	PULLEY AS					
	5	259-7244	1	COMPRESSOR GP					
		259-7286	1	COIL AS					
B		264-9982	1	WASHER					
B		264-9983	1	WASHER					
B		264-9984	1	WASHER					
	6	266-6207	1	BRACKET AS					
	7	5P-4116	1	WASHER					
	8	8T-3647	4	BOLT (L=80mm)					
	9	8T-4121	7	WASHER					
	10	8T-4172	3	BOLT (L=80mm)					
	11	8T-4184	2	BOLT (L=45mm)					
	12	8T-4223	2	WASHER					
	13	8T-4224	4	WASHER					
	14	8T-6466	4	BOLT (L=60mm)					

B—USE AS REQUIRED

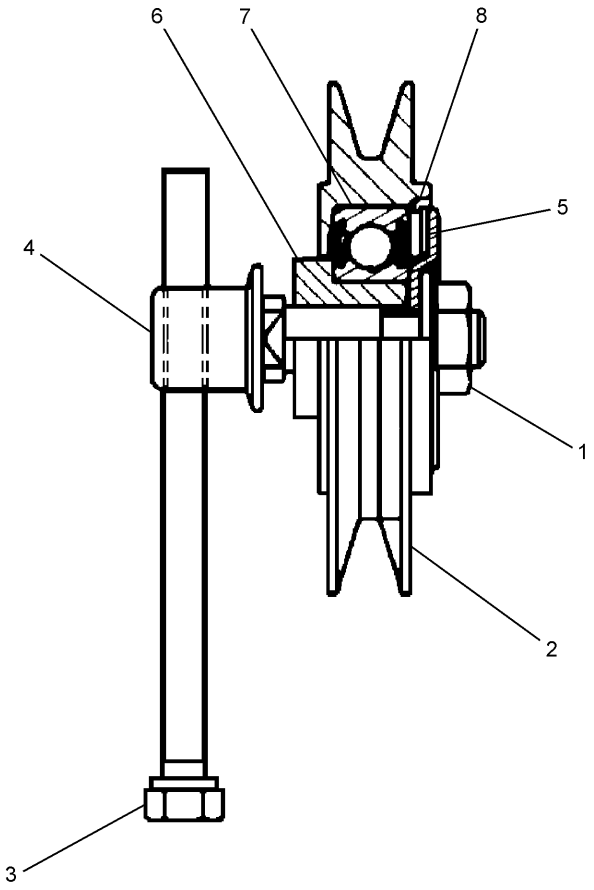
Y—SEE SEPARATE ILLUSTRATION

H98066E 07

239-6507 COMPRESSOR GP-REFRIGERANT

255-3018-Page730

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	255-3022	1	NUT					
	2	239-6626	1	PULLEY					
	3	239-6627	1	BOLT (L=110mm)					
	4	255-3020	1	SHAFT					
	5	255-3021	1	WASHER					
	6	239-6630	1	COLLAR					
	7	239-6631	1	BEARING AS					
	8	239-6632	1	RING					

H96308E 03

255-3018 PULLEY AS

Part of 239-6507-Page729

Consists of :

			Page
1	241-7282	BOOM GP	742
1	241-7286	LINES GP-GREASE	762
1	242-6730	CYLINDER & LINES GP-BOOM	350
1	242-6733	CYLINDER & LINES GP-STICK	351
1	242-6736	CYLINDER & LINES GP-BOOM	350
1	259-5043	LIGHTING GP-BOOM	214
1	260-8010	LINES GP-BOOM	392

H89690E 02

240-3828 BOOM AR-1 PIECE LONG

R-Boom
An Attachment

Consists of :

			Page
1	241-7286	LINES GP-GREASE	762
1	241-7287	BOOM GP	744
1	242-6730	CYLINDER & LINES GP-BOOM	350
1	242-6736	CYLINDER & LINES GP-BOOM	350
1	242-6743	CYLINDER & LINES GP-STICK	351
1	259-5043	LIGHTING GP-BOOM	214
1	260-8010	LINES GP-BOOM	392

H89692E 02

240-3830 BOOM AR-1 PIECE LONG

R-Boom (Heavy Duty)
An Attachment

IMPLEMENTS

Consists of :

			Page
1	172-2939	LINES GP-GREASE	763
1	239-1732	LINES GP-BOOM	394
1	241-7291	BOOM GP	750
1	242-6730	CYLINDER & LINES GP-BOOM	350
1	242-6736	CYLINDER & LINES GP-BOOM	350
1	242-6750	CYLINDER & LINES GP-STICK	352
1	267-7627	LIGHTING GP-BOOM	218

H89967E 03

240-3833 BOOM AR
M-Boom
S/N BWZ 1-Up, DFB 1-Up
An Attachment

Consists of :

			Page
1	187-5976	LINES GP-STICK	404
1	241-7296	STICK GP-HOE	752
1	267-0138	LINES GP-GREASE	765

H89969E 01

240-3845 STICK AR
An Attachment

Consists of :

			Page
1	187-5693	LINES GP-STICK	405
1	241-7300	STICK GP-HOE	753

H89968E 01

240-3839 STICK AR-HOE
An Attachment

Consists of :

			Page
1	187-5693	LINES GP-STICK	405
1	242-6463	STICK GP-HOE	754

H89955E 02

240-3849 STICK AR
An Attachment

Consists of :

			Page
1	187-5693	LINES GP-STICK	405
1	241-7303	STICK GP-HOE	755

H89973E 01

240-3851 STICK AR
An Attachment

Consists of :

			Page
1	187-5693	LINES GP-STICK	405
1	241-7330	STICK GP-HOE	756

H89958E 01

240-3852 STICK AR
An Attachment

Consists of :

			Page
1	241-7306	STICK GP-HOE	757
1	260-8011	LINES GP-STICK	406

H89972E 00

240-3882 STICK AR
An Attachment

Consists of :

			Page
1	241-7309	STICK GP-HOE	758
1	260-8011	LINES GP-STICK	406

H89970E 00

240-3854 STICK AR
An Attachment

Consists of :

			Page
1	241-7315	STICK GP-HOE	759
1	248-9633	LINES GP-STICK	407

H89974E 01

240-3846 STICK AR
An Attachment

Consists of :

			Page
1	241-7318	LINKAGE GP-BUCKET	768
1	242-6755	CYLINDER & LINES GP-BUCKET	353

H89975E 00

247-7453 LINKAGE AR-BUCKET
An Attachment

Consists of :

			Page
1	241-7324	LINKAGE GP-BUCKET	770
1	242-6755	CYLINDER & LINES GP-BUCKET	353

H89977E 01

240-3860 LINKAGE AR-BUCKET
An Attachment

Consists of :

			Page
1	225-4590	CYLINDER & LINES GP-BUCKET	353
1	228-5528	LINKAGE GP-BUCKET	772

H89383E 01

229-1772 LINKAGE AR-BUCKET
CB Family
An Attachment

Consists of :

			Page
1	241-7321	LINKAGE GP-BUCKET	774
1	242-6769	CYLINDER & LINES GP-BUCKET	354

H90091E 01

240-3867 LINKAGE AR-BUCKET
An Attachment

Consists of :

			Page
1	242-6755	CYLINDER & LINES GP-BUCKET.....	353
1	269-1598	LINKAGE GP-BUCKET.....	776

H90042E 00

257-2926 LINKAGE AR

S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment

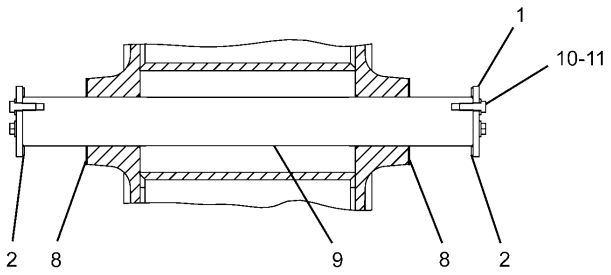
Consists of :

			Page
1	5I-7235	LINES GP-GREASE	764
1	259-5043	LIGHTING GP-BOOM	214
1	116-9115	LOCK GP-TRANSPORT	767
1	127-6624	LINES GP-STICK	408
1	127-6625	LINES GP-GREASE	766
1	268-7256	CYLINDER & LINES GP-STICK	352
1	230-0280	STICK GP-HOE	761
1	241-2002	COUNTERWEIGHT GP	269
1	242-6730	CYLINDER & LINES GP-BOOM	350
1	242-6736	CYLINDER & LINES GP-BOOM	350
1	248-7837	LINKAGE GP-BUCKET	778
1	253-6664	CYLINDER & LINES GP-BUCKET	354
1	268-7043	BOOM GP	748
1	268-7046	LINES GP-BOOM	398
1	268-7074	LINES GP-FRONT	496
1	302-9209	FILM GP	850

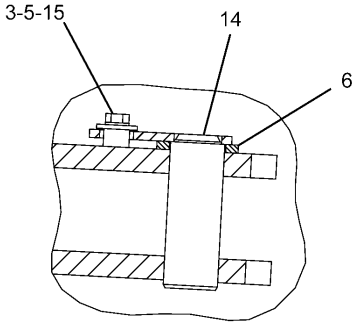
H95907E 00

302-9207 LINKAGE AR-FRONT
Long Reach Front
S/N DFB 1-Up
An Attachment

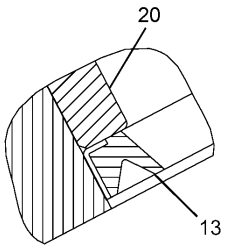
MEMORANDA



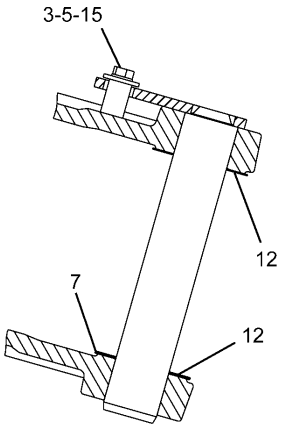
B – B



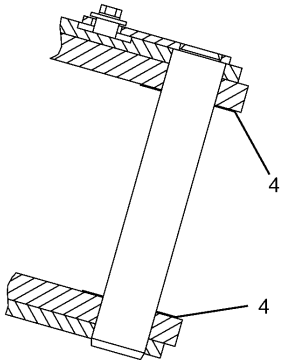
C – C



A – A

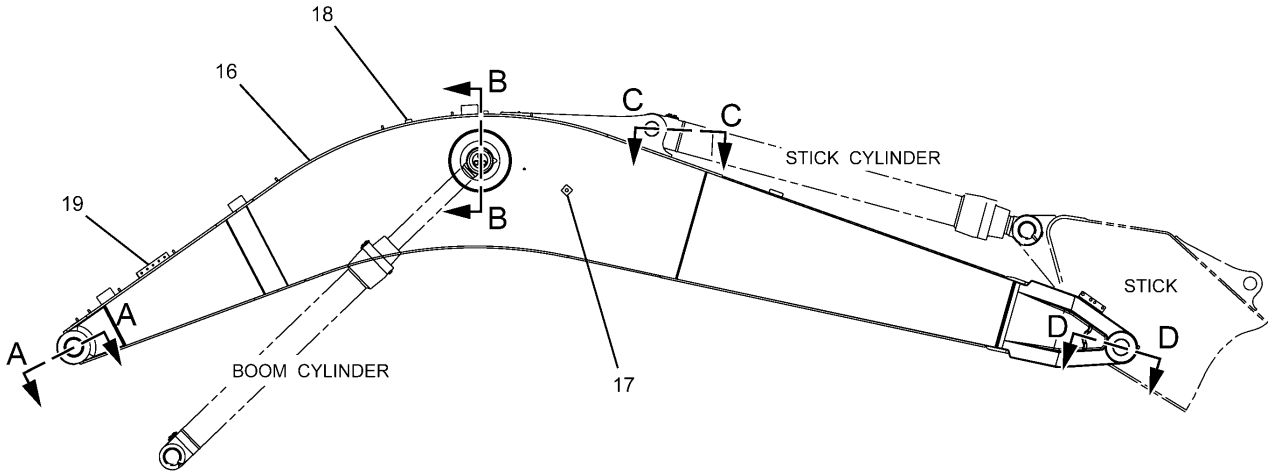


D – D



OPTIONAL DESIGN

D – D



H93648E 01

241-7282 BOOM GP
R-Boom (5.7m)
Part of 240-3828-Page731
An Attachment

IMPLEMENTS

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-3308	2	PLATE					
	2	4I-3309	2	SPACER					
	3	8T-4780	2	BOLT (L=30mm)					
	4	093-0116	2	SHIM (T=2.00mm)					
	5	093-0349	2	WASHER					
	6	093-0363	1	SPACER					
B	7	113-2127	1	SHIM (T=0.50mm)					
B		093-0084	2	SHIM (T=1.00mm)					
	8	166-1486	2	SHIM (T=2.00mm)					
	9	176-2278	1	PIN					
	10	8T-4223	6	WASHER					
	11	8T-4956	6	BOLT (L=35mm)					
	12	166-1487	2	SHIM (T=2.00mm)					
	13	166-1495	2	SEAL					
	14	4I-4809	1	PIN AS					
	15	8T-4123	2	WASHER					
	16	241-7283	1	BOOM AS					
	17	7Y-2579	2	BAR					
	18	087-5841	3	PLATE					
	19	113-2276	1	MANIFOLD					
	20	244-4277	2	BEARING					

B—USE AS REQUIRED

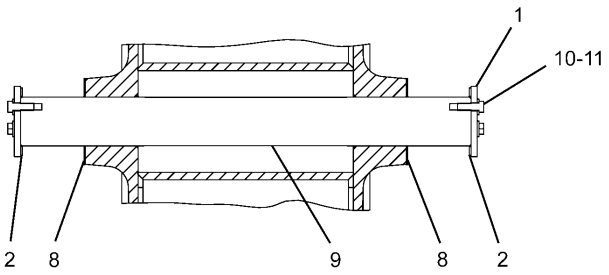
H93648E 01

241-7282 BOOM GP

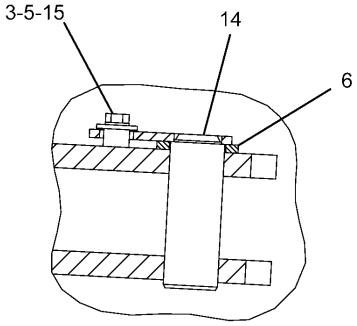
R-Boom (5.7m)

Part of 240-3828-Page731

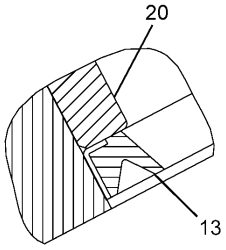
An Attachment



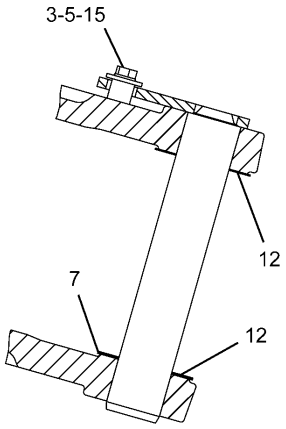
B – B



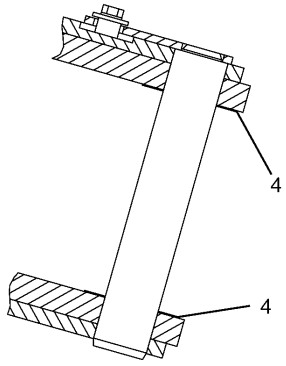
C – C



A – A

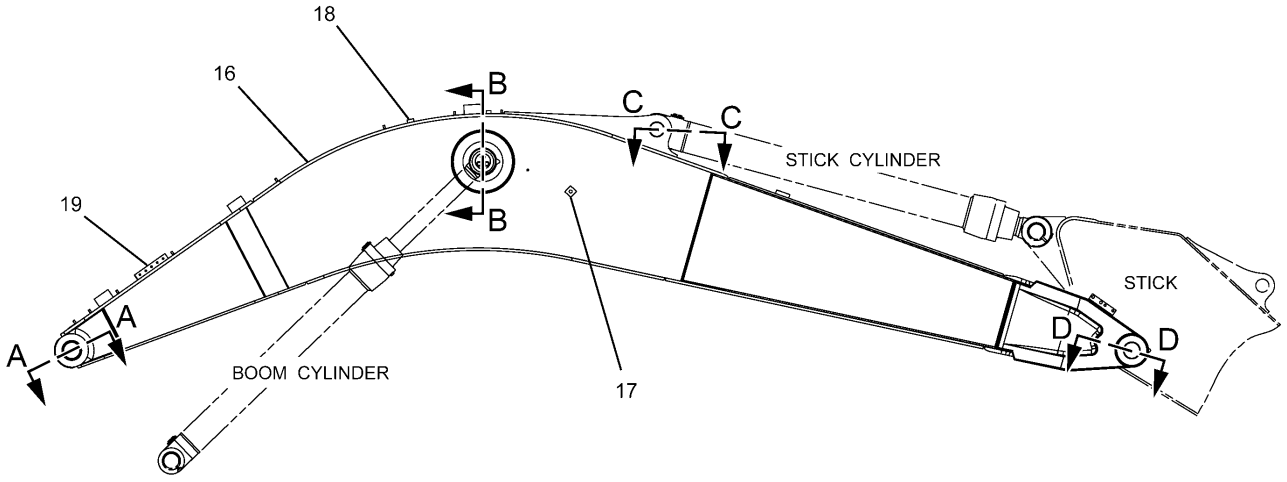


D – D



OPTIONAL DESIGN

D – D



H93647E 00

241-7287 BOOM GP
Part of 240-3830-Page731
An Attachment

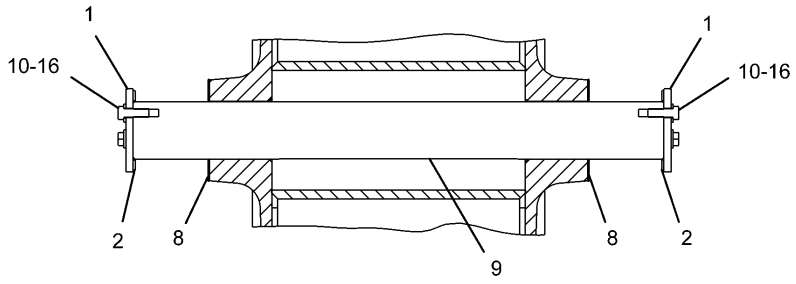
IMPLEMENTS

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-3308	2	PLATE					
	2	4I-3309	2	SPACER					
	3	8T-4780	2	BOLT (L=30mm)					
	4	093-0116	2	SHIM (T=2.00mm)					
	5	093-0349	2	WASHER					
	6	093-0363	1	SPACER					
B	7	113-2127	1	SHIM (T=0.50mm)					
B		093-0084	2	SHIM (T=1.00mm)					
	8	166-1486	2	SHIM (T=2.00mm)					
	9	176-2278	1	PIN					
	10	8T-4223	6	WASHER					
	11	8T-4956	6	BOLT (L=35mm)					
	12	166-1487	2	SHIM (T=2.00mm)					
	13	166-1495	2	SEAL					
	14	4I-4809	1	PIN AS					
	15	8T-4123	2	WASHER					
	16	241-7288	1	BOOM AS					
	17	7Y-2579	2	BAR					
	18	087-5841	3	PLATE					
	19	113-2276	1	MANIFOLD					
	20	244-4277	2	BEARING					

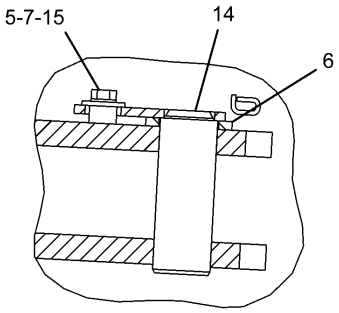
B—USE AS REQUIRED

H93647E 00

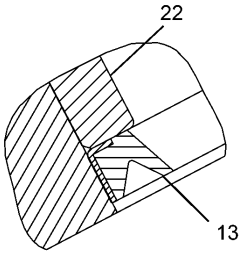
241-7287 BOOM GP
Part of 240-3830-Page731
An Attachment



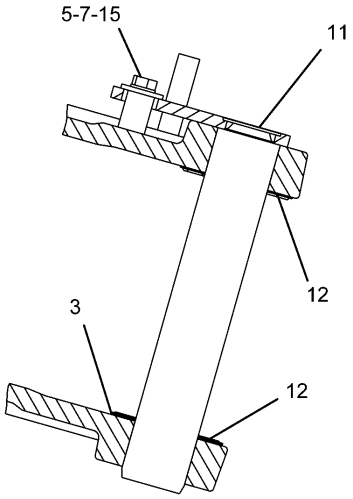
B – B



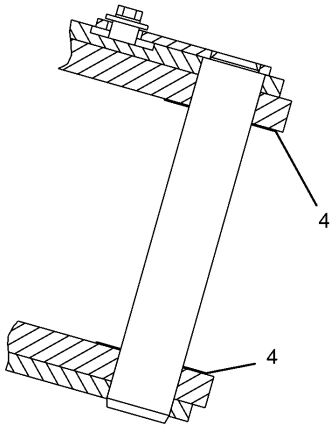
C – C



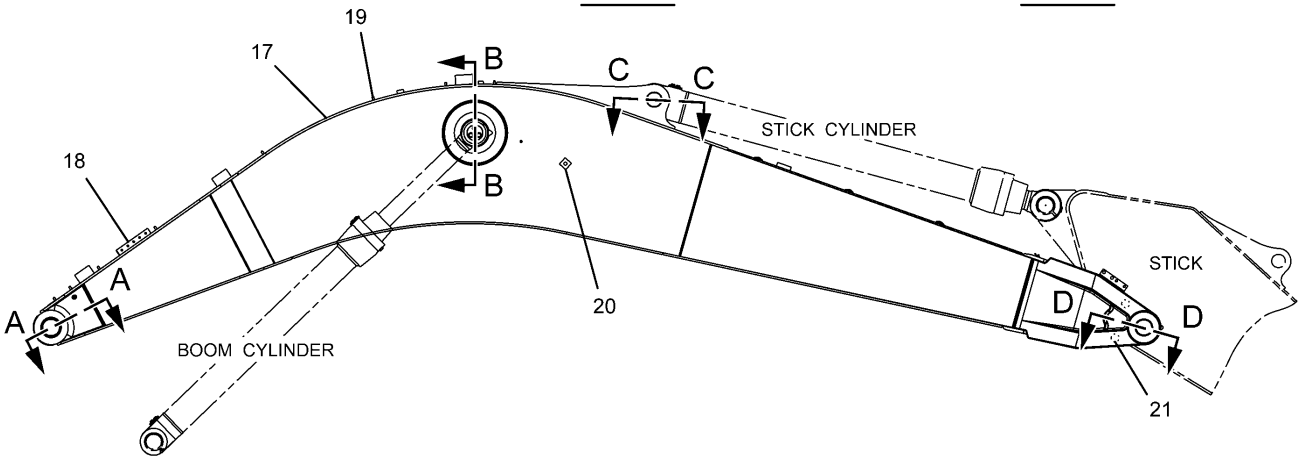
A – A



D – D



OPTIONAL DESIGN
D – D



H93649E 00

269–1596 BOOM GP
S/N BWZ 1–Up, DFB 1–Up
Part of 279–2732–Page11,279–2733–Page12
An Attachment

IMPLEMENTS

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-3308	2	PLATE					
	2	4I-3309	2	SPACER					
B	3	113-2127	1	SHIM (T=0.50mm)					
B		093-0084	2	SHIM (T=1.00mm)					
B	4	093-0116	2	SHIM (T=2.00mm)					
	5	093-0349	2	WASHER					
	6	093-0363	1	SPACER					
	7	8T-4780	2	BOLT (L=30mm)					
	8	166-1486	2	SHIM (T=2.00mm)					
	9	176-2278	1	PIN					
	10	8T-4956	6	BOLT (L=35mm)					
	11	269-1635	1	PIN AS					
	12	166-1487	2	SHIM (T=2.00mm)					
	13	166-1495	2	SEAL					
	14	4I-4809	1	PIN AS					
	15	8T-4123	2	WASHER					
	16	8T-4223	6	WASHER					
	17	269-1622	1	BOOM AS					
	18	113-2276	1	MANIFOLD					
	19	087-5841	3	PLATE					
	20	7Y-2579	2	BAR					
	21	125-1938	2	BOSS					
	22	244-4277	2	BEARING					

B—USE AS REQUIRED

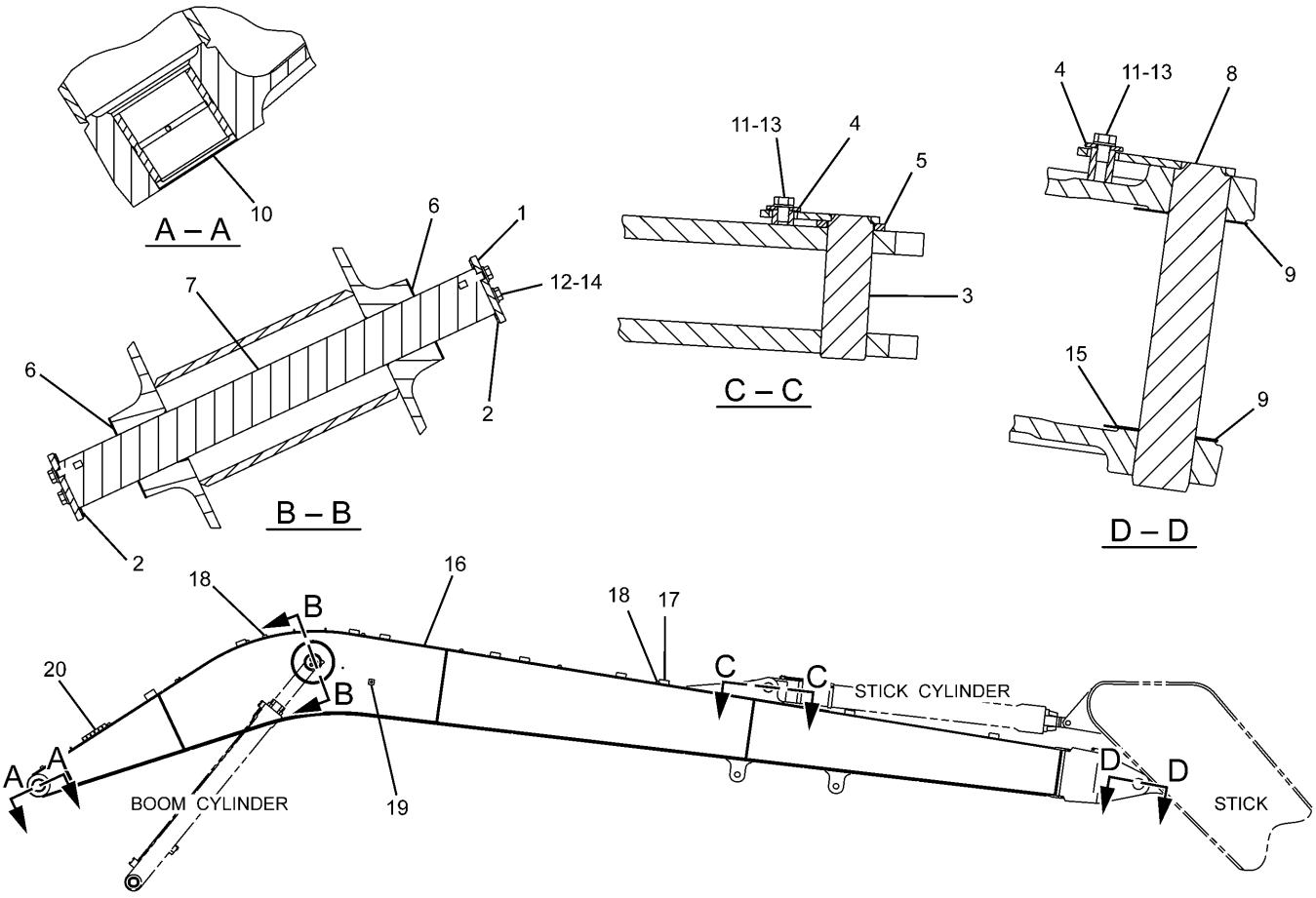
H93649E 00

269-1596 BOOM GP

S/N BWZ 1-Up, DFB 1-Up

Part of 279-2732-Page11,279-2733-Page12

An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-3308	2	PLATE		20	7Y-2580	1	MANIFOLD
	2	4I-3309	2	SPACER					
	3	4I-4618	1	PIN AS					
	4	093-0349	2	WASHER					
	5	093-0363	1	SPACER					
	6	166-1486	2	SHIM (T=2.00mm)					
	7	176-2278	1	PIN					
	8	250-2402	1	PIN AS					
	9	166-1487	2	SHIM (T=2.00mm)					
	10	166-1495	2	SEAL					
	11	8T-4123	2	WASHER					
	12	8T-4223	6	WASHER					
	13	8T-4780	2	BOLT (L=30mm)					
	14	8T-4956	6	BOLT (L=35mm)					
B	15	093-0084	2	SHIM (T=1.00mm)					
B		113-2127	1	SHIM (T=0.50mm)					
	16	268-7044	1	BOOM AS					
	17	7Y-4594	8	PLATE					
	18	087-5841	8	PLATE					
	19	7Y-2579	2	BAR					

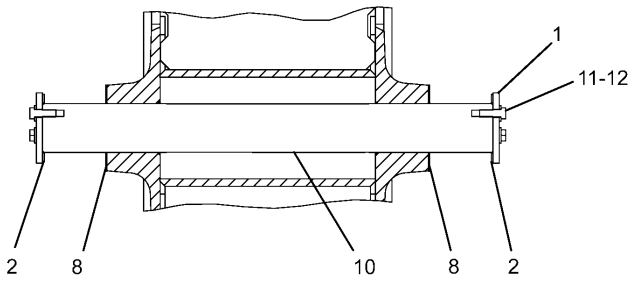
B—USE AS REQUIRED

H90332E 00

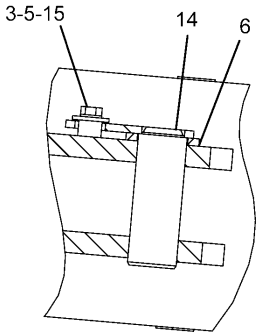
268-7043 BOOM GP

S/N DFB 1-Up
Part of 302-9207-Page740
An Attachment

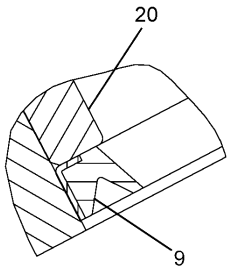
MEMORANDA



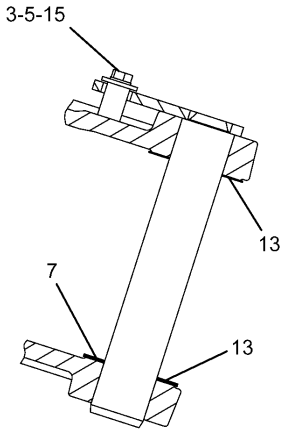
B – B



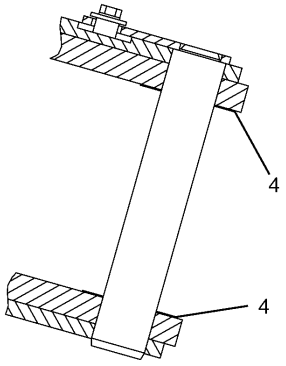
C – C



A – A

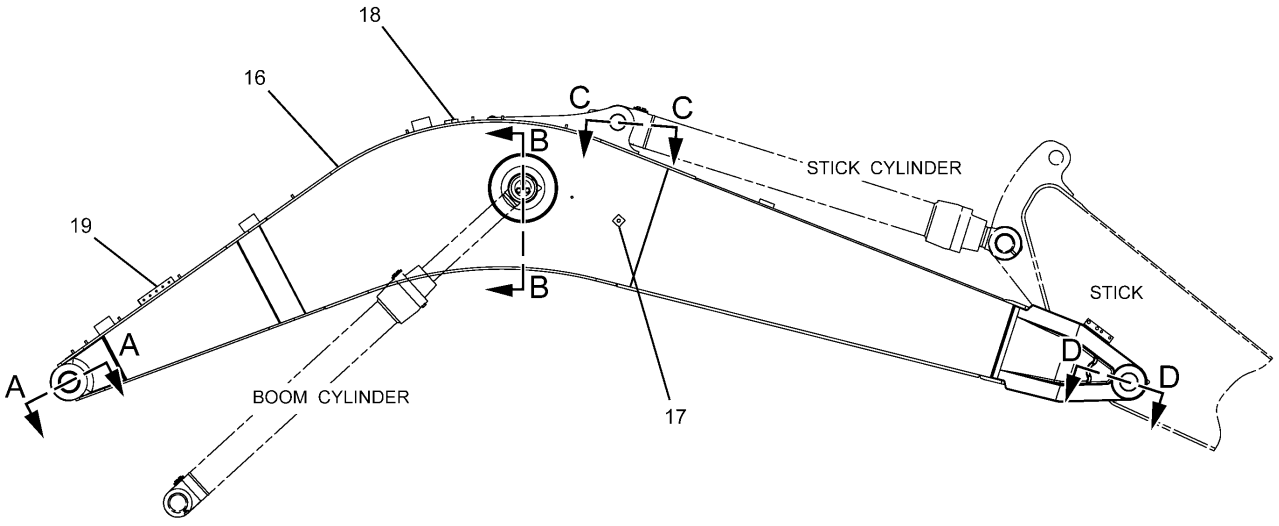


D – D



OPTIONAL DESIGN

D – D



H93650E 00

241-7291 BOOM GP
S/N BWZ 1-Up, DFB 1-Up
Part of 240-3833-Page732
An Attachment

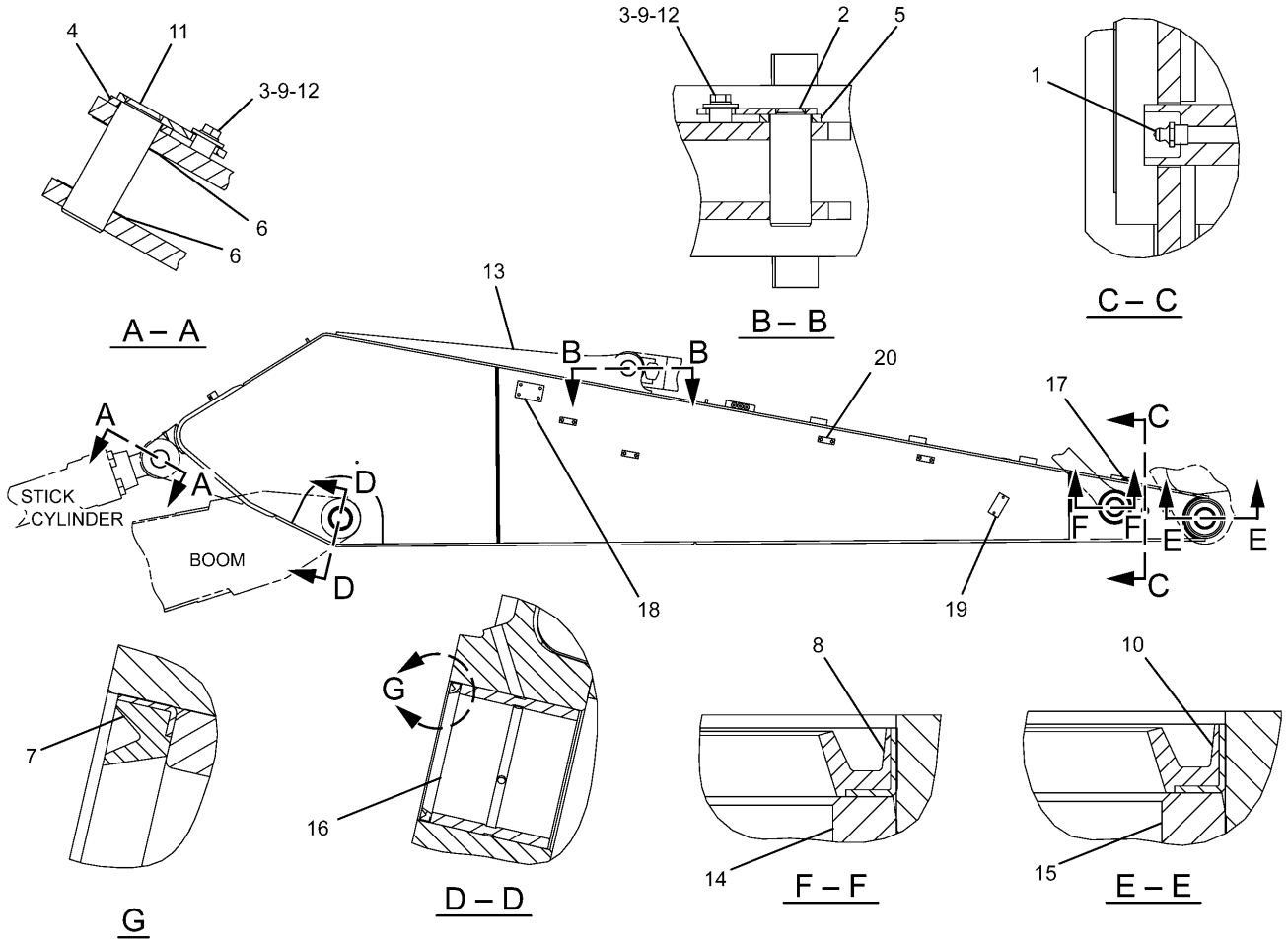
IMPLEMENTS

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-3308	2	PLATE					
	2	4I-3309	2	SPACER					
	3	8T-4780	2	BOLT (L=30mm)					
	4	093-0116	2	SHIM (T=2.00mm)					
	5	093-0349	2	WASHER					
	6	093-0363	1	SPACER					
B	7	113-2127	1	SHIM (T=0.50mm)					
B		093-0084	2	SHIM (T=1.00mm)					
	8	166-1486	2	SHIM (T=2.00mm)					
	9	166-1495	2	SEAL					
	10	176-2278	1	PIN					
	11	8T-4223	6	WASHER					
	12	8T-4956	6	BOLT (L=35mm)					
	13	166-1487	2	SHIM (T=2.00mm)					
	14	4I-4809	1	PIN AS					
	15	8T-4123	2	WASHER					
	16	241-7292	1	BOOM AS					
	17	7Y-2579	2	BAR					
	18	087-5841	3	PLATE					
	19	113-2276	1	MANIFOLD					
	20	244-4277	2	BEARING					

B—USE AS REQUIRED

H93650E 00

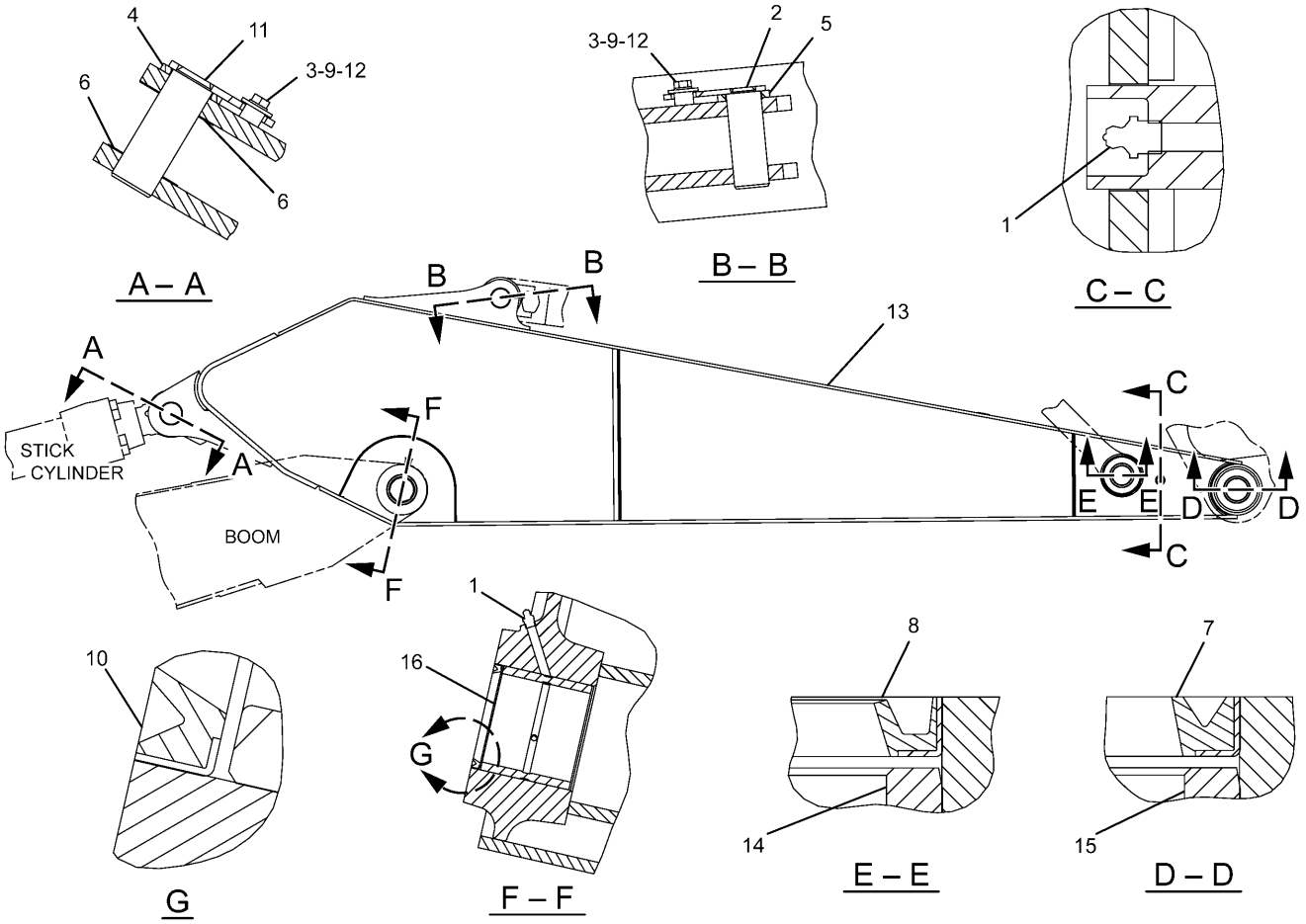
241-7291 BOOM GP
S/N BWZ 1-Up, DFB 1-Up
Part of 240-3833-Page732
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	1	FITTING					
	2	4I-4811	1	PIN AS					
	3	093-0349	2	WASHER					
	4	093-0363	1	SPACER					
	5	118-5982	1	SPACER					
	6	166-1486	2	SHIM (T=2.00mm)					
	7	166-1495	2	SEAL					
	8	235-7679	2	SEAL					
	9	8T-4780	2	BOLT (L=30mm)					
	10	166-1494	2	SEAL					
	11	4I-4809	1	PIN AS					
	12	8T-4123	2	WASHER					
	13	290-9101	1	STICK AS					
	14	229-1096	2	BEARING					
	15	240-2913	2	BEARING					
	16	244-4277	2	BEARING					
	17	7V-2882	1	PLATE AS					
	18	102-1119	2	PLATE					
	19	121-1760	2	PLATE					
	20	188-0046	8	PLATE					

H93595E 01

241-7296 STICK GP-HOE
Part of 240-3845-Page733
An Attachment

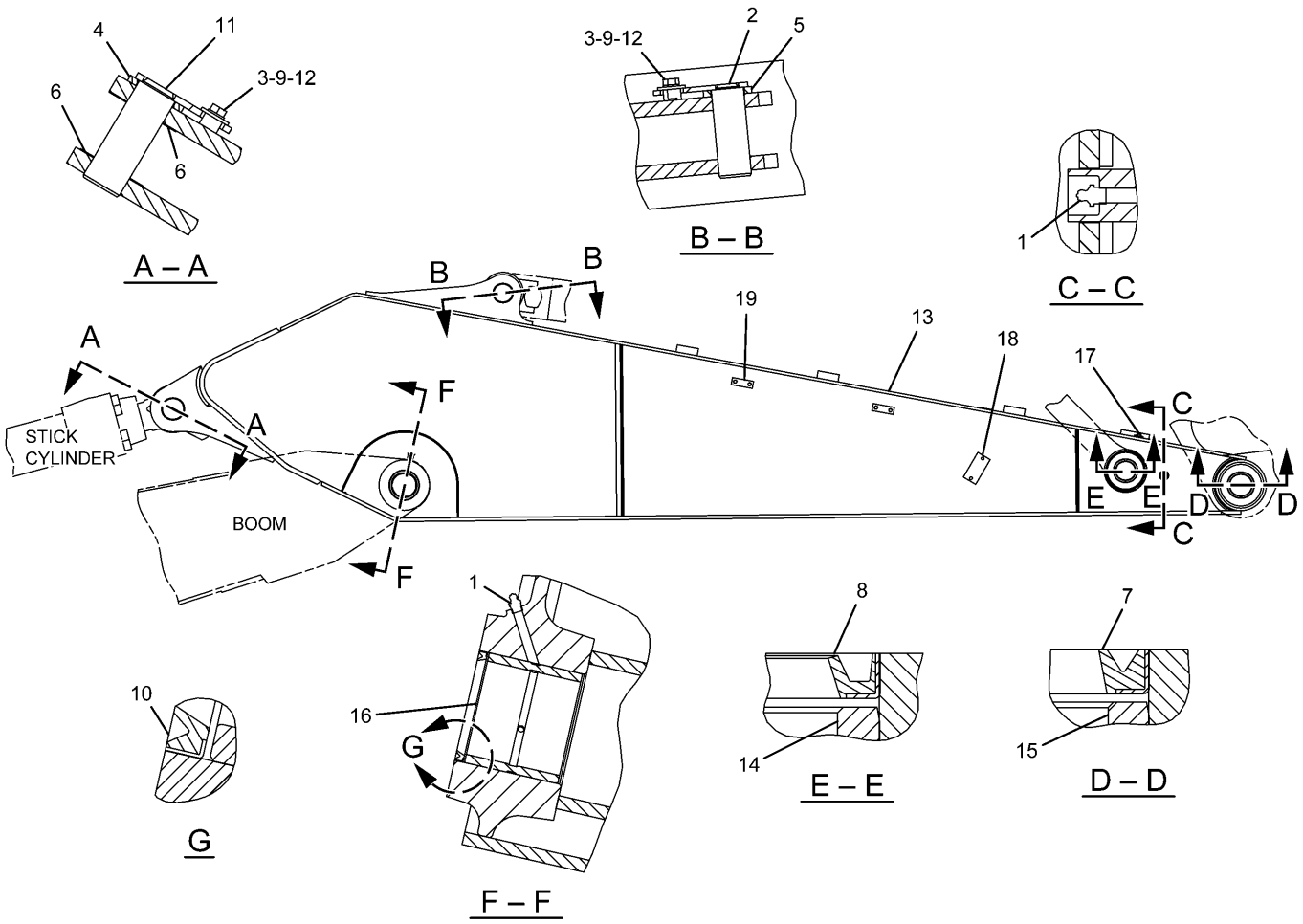


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	3	FITTING					
	2	4I-4811	1	PIN AS					
	3	093-0349	2	WASHER					
	4	093-0363	1	SPACER					
	5	118-5982	1	SPACER					
	6	166-1486	2	SHIM (T=2.00mm)					
	7	166-1494	2	SEAL					
	8	235-7679	2	SEAL					
	9	8T-4780	2	BOLT (L=30mm)					
	10	166-1495	2	SEAL					
	11	4I-4809	1	PIN AS					
	12	8T-4123	2	WASHER					
	13	241-7301	1	STICK AS					
	14	229-1096	2	BEARING					
	15	240-2913	2	BEARING					
	16	244-4277	2	BEARING					

H89656E 01

241-7300 STICK GP-HOE

Part of 240-3839-Page733
An Attachment

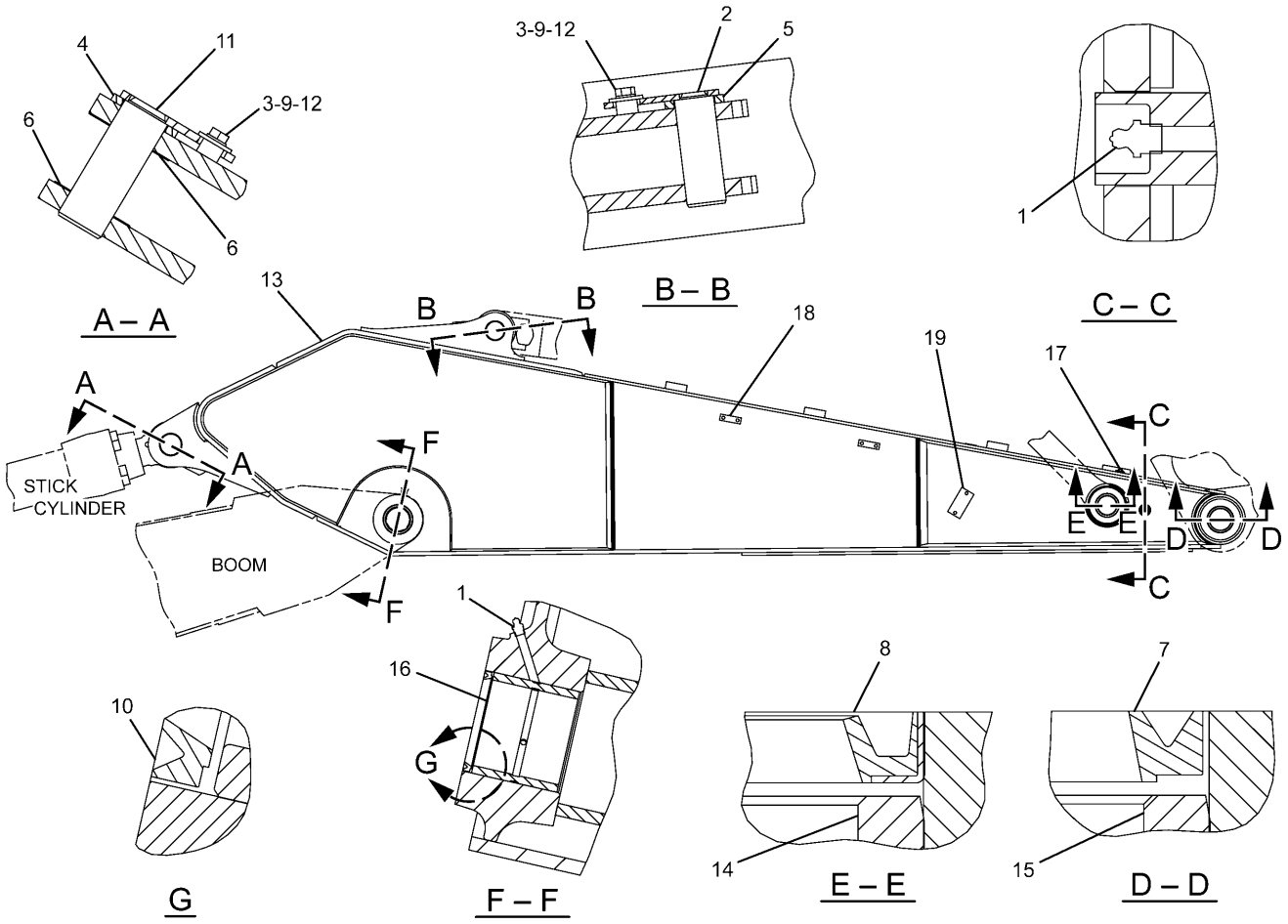


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	3	FITTING					
	2	4I-4811	1	PIN AS					
	3	093-0349	2	WASHER					
	4	093-0363	1	SPACER					
	5	118-5982	1	SPACER					
	6	166-1486	2	SHIM (T=2.00mm)					
	7	166-1494	2	SEAL					
	8	235-7679	2	SEAL					
	9	8T-4780	2	BOLT (L=30mm)					
	10	166-1495	2	SEAL					
	11	4I-4809	1	PIN AS					
	12	8T-4123	2	WASHER					
	13	242-6464	1	STICK AS					
	14	229-1096	2	BEARING					
	15	240-2913	2	BEARING					
	16	244-4277	2	BEARING					
	17	7V-2882	1	PLATE AS					
	18	121-1760	2	PLATE					
	19	188-0046	4	PLATE					

H89897E 01

242-6463 STICK GP-HOE

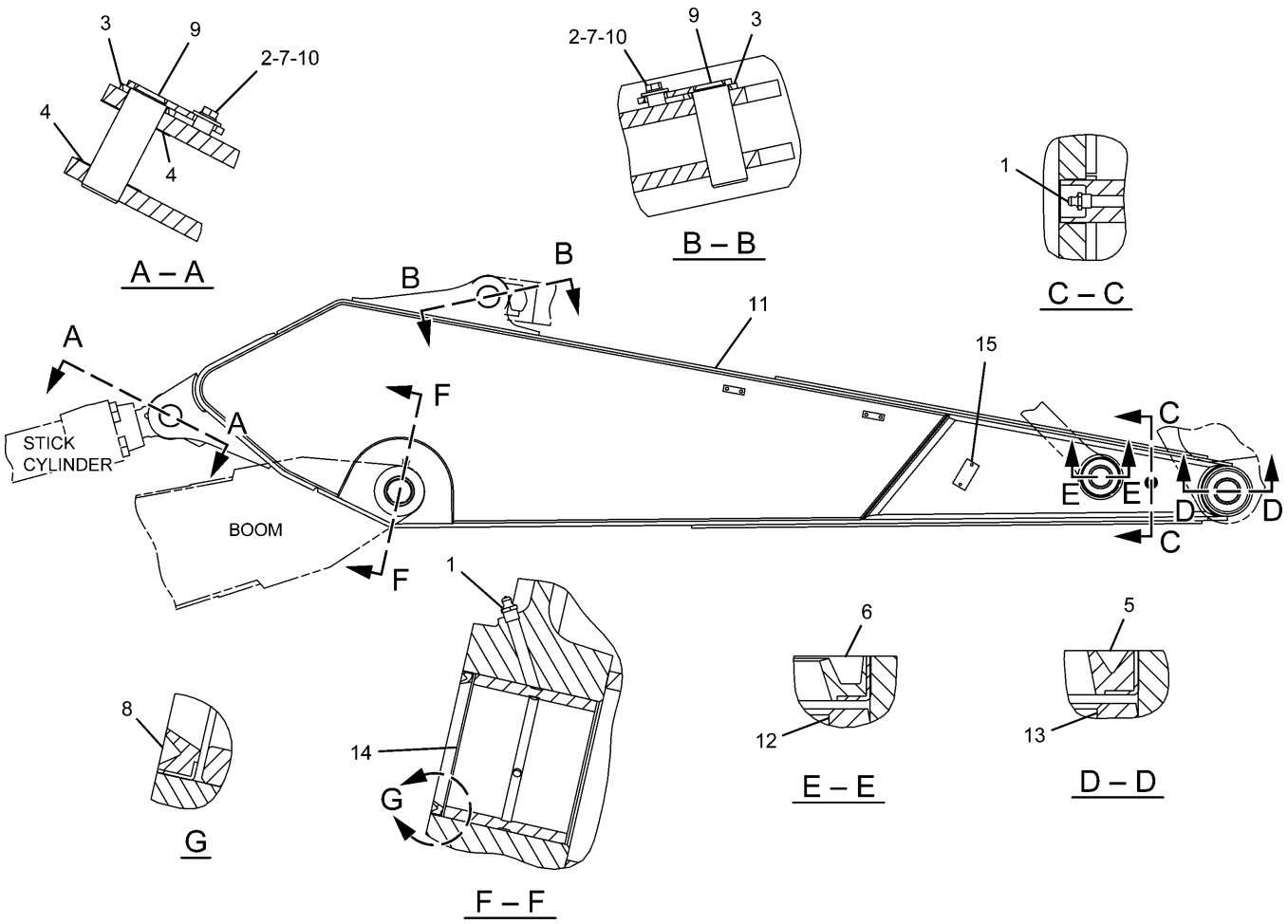
Part of 240-3849-Page734
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	3	FITTING					
	2	4I-4811	1	PIN AS					
	3	093-0349	2	WASHER					
	4	093-0363	1	SPACER					
	5	118-5982	1	SPACER					
	6	166-1486	2	SHIM (T=2.00mm)					
	7	166-1494	2	SEAL					
	8	235-7679	2	SEAL					
	9	8T-4780	2	BOLT (L=30mm)					
	10	166-1495	2	SEAL					
	11	4I-4809	1	PIN AS					
	12	8T-4123	2	WASHER					
	13	241-7304	1	STICK AS					
	14	229-1096	2	BEARING					
	15	240-2913	2	BEARING					
	16	244-4277	2	BEARING					
	17	7V-2882	1	PLATE AS					
	18	119-5592	4	PLATE					
	19	121-1760	2	PLATE					

H89733E 00

241-7303 STICK GP-HOE
Part of 240-3851-Page734
An Attachment

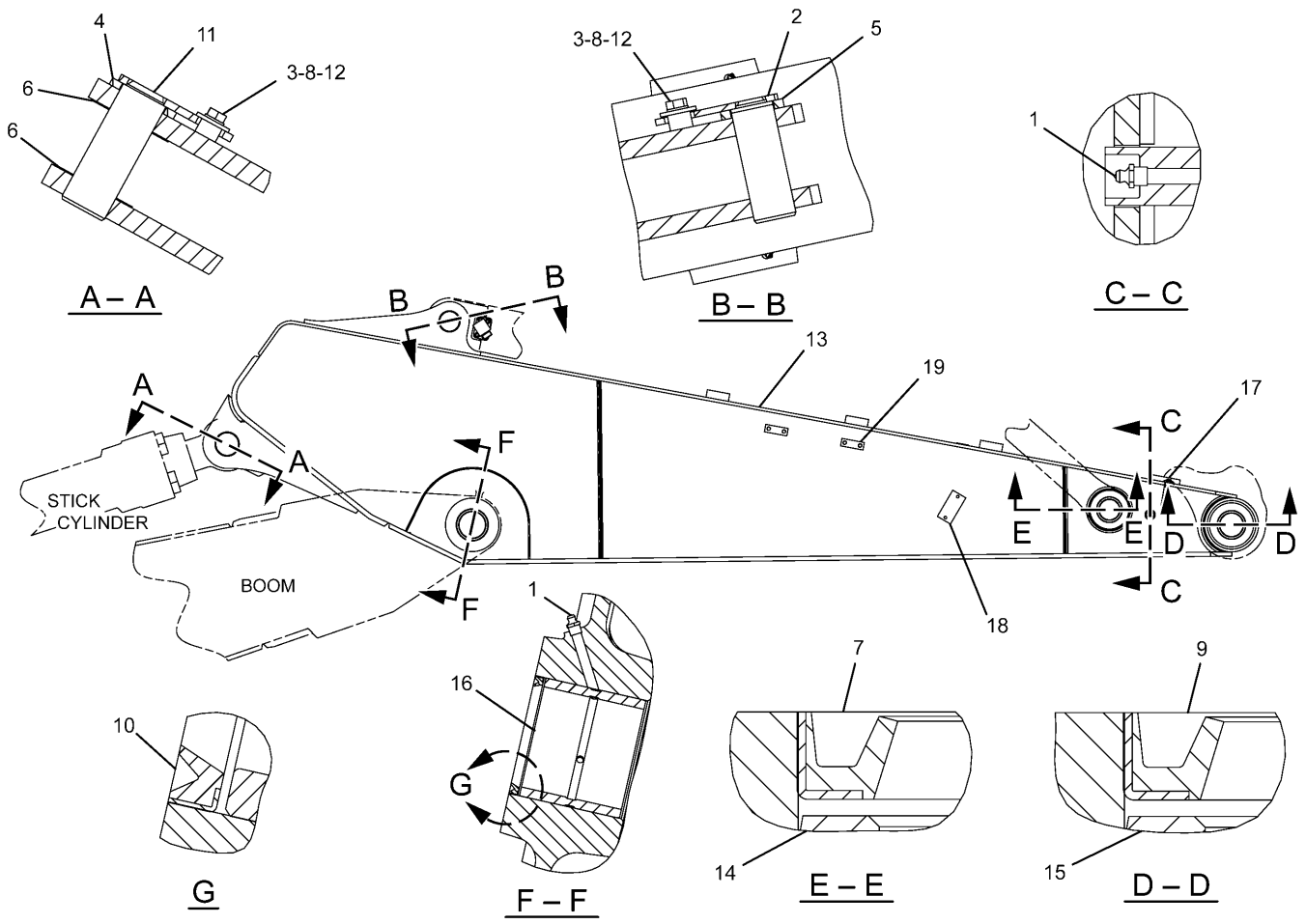


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	3	FITTING					
	2	093-0349	2	WASHER					
	3	093-0363	2	SPACER					
	4	166-1486	2	SHIM (T=2.00mm)					
	5	166-1494	2	SEAL					
	6	235-7679	2	SEAL					
	7	8T-4780	2	BOLT (L=30mm)					
	8	166-1495	2	SEAL					
	9	4I-4809	2	PIN AS					
	10	8T-4123	2	WASHER					
	11	241-7331	1	STICK AS					
	12	229-1096	2	BEARING					
	13	240-2913	2	BEARING					
	14	244-4277	2	BEARING					
	15	121-1760	2	PLATE					

H89896E 00

241-7330 STICK GP-HOE

Part of 240-3852-Page735
An Attachment

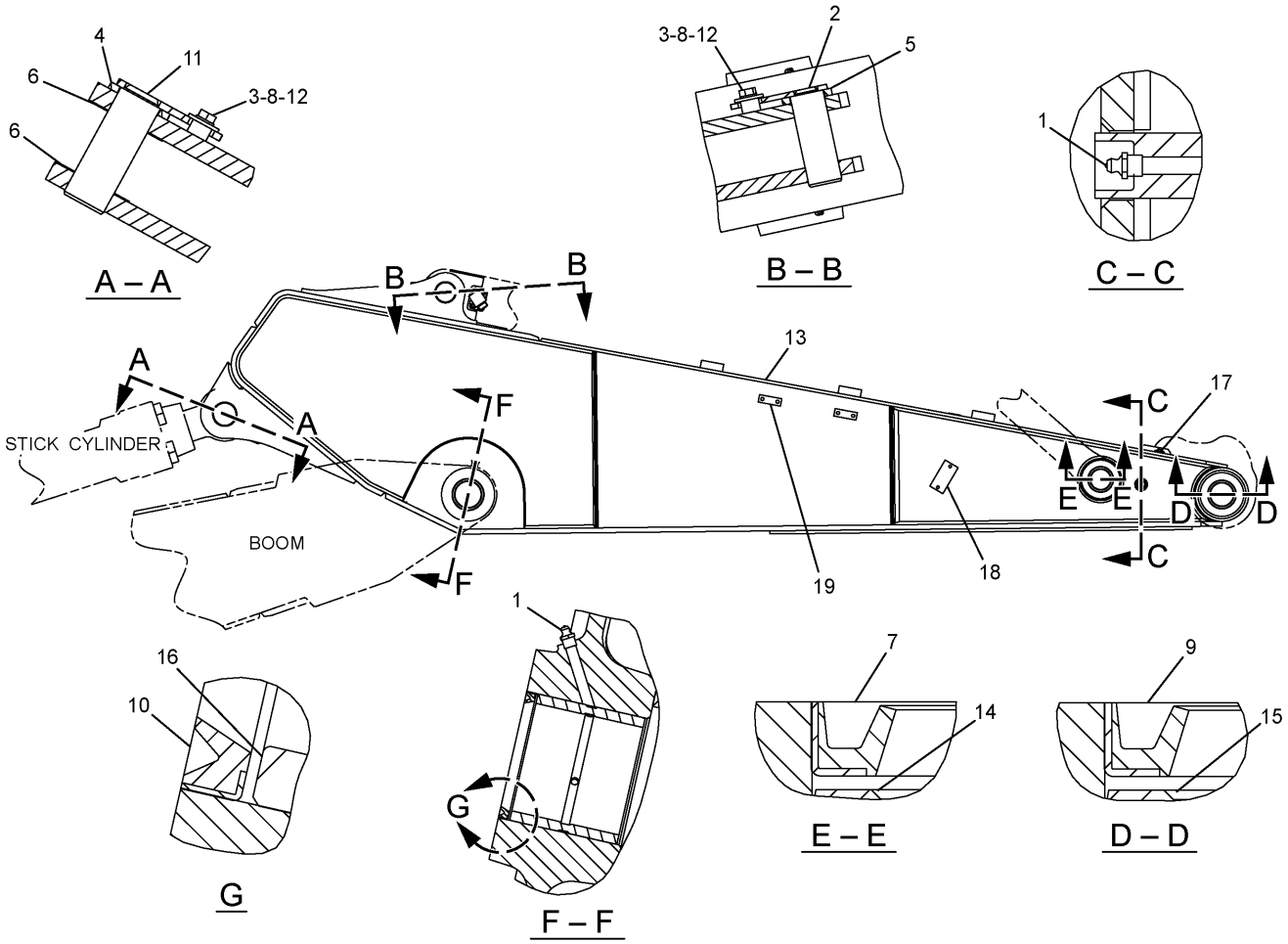


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	3	FITTING					
	2	4I-4811	1	PIN AS					
	3	093-0349	2	WASHER					
	4	093-0363	1	SPACER					
	5	118-5982	1	SPACER					
	6	166-1486	2	SHIM (T=2.00mm)					
	7	235-7679	2	SEAL					
	8	8T-4780	2	BOLT (L=30mm)					
	9	166-1494	2	SEAL					
	10	166-1495	2	SEAL					
	11	4I-4809	1	PIN AS					
	12	8T-4123	2	WASHER					
	13	284-7317	1	STICK AS					
	14	229-1096	2	BEARING					
	15	240-2913	2	BEARING					
	16	244-4277	2	BEARING					
	17	7V-2882	1	PLATE AS					
	18	121-1760	2	PLATE					
	19	188-0046	4	PLATE					

H93596E 01

241-7306 STICK GP-HOE

Part of 240-3882-Page735
An Attachment

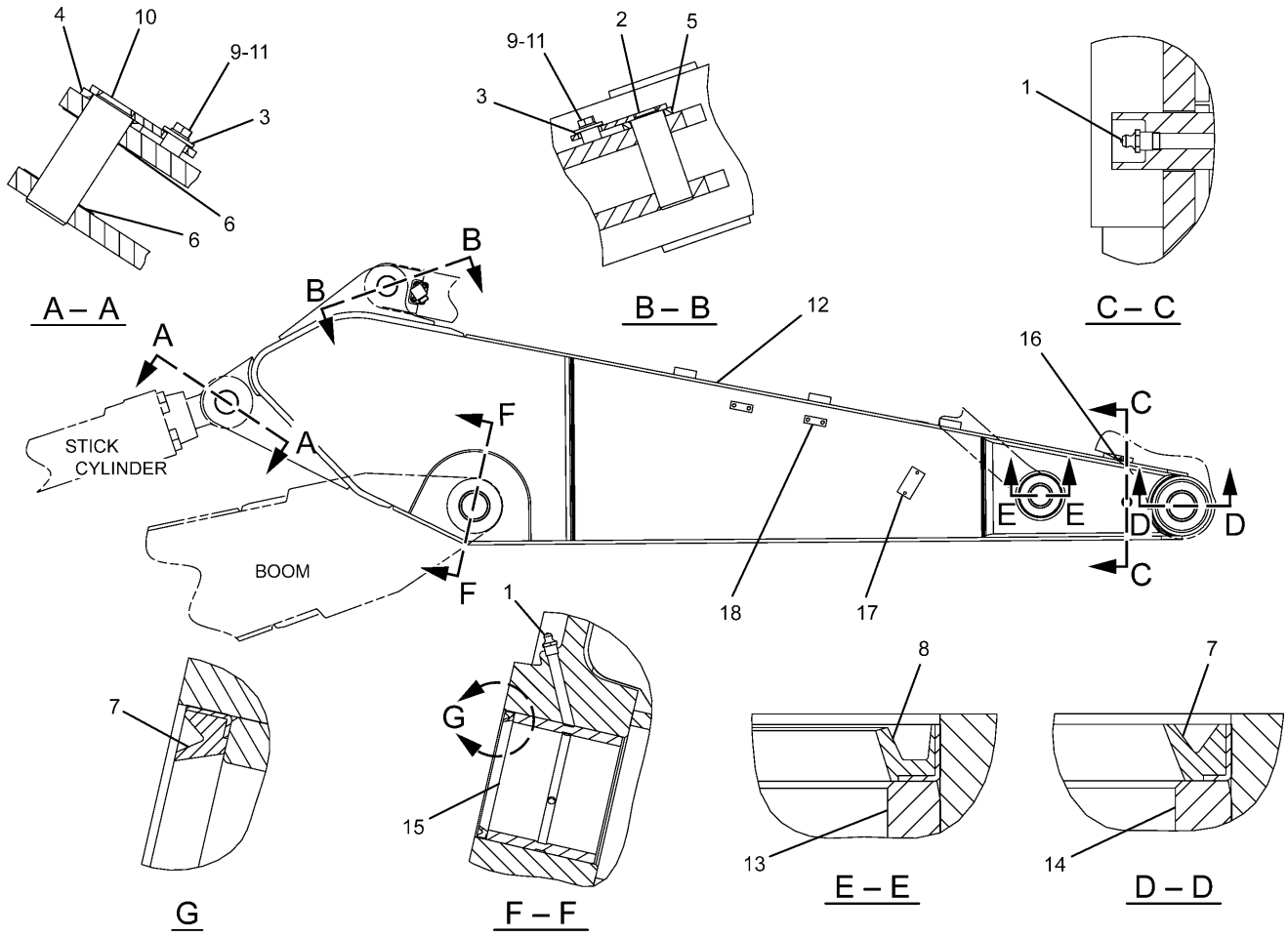


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	3	FITTING					
	2	4I-4811	1	PIN AS					
	3	093-0349	2	WASHER					
	4	093-0363	1	SPACER					
	5	118-5982	1	SPACER					
	6	166-1486	2	SHIM (T=2.00mm)					
	7	235-7679	2	SEAL					
	8	8T-4780	2	BOLT (L=30mm)					
	9	166-1494	2	SEAL					
	10	166-1495	2	SEAL					
	11	4I-4809	1	PIN AS					
	12	8T-4123	2	WASHER					
	13	284-7325	1	STICK AS					
	14	229-1096	2	BEARING					
	15	240-2913	2	BEARING					
	16	244-4277	2	BEARING					
	17	7V-2882	1	PLATE AS					
	18	121-1760	2	PLATE					
	19	264-1708	4	PLATE					

H93848E 01

241-7309 STICK GP-HOE

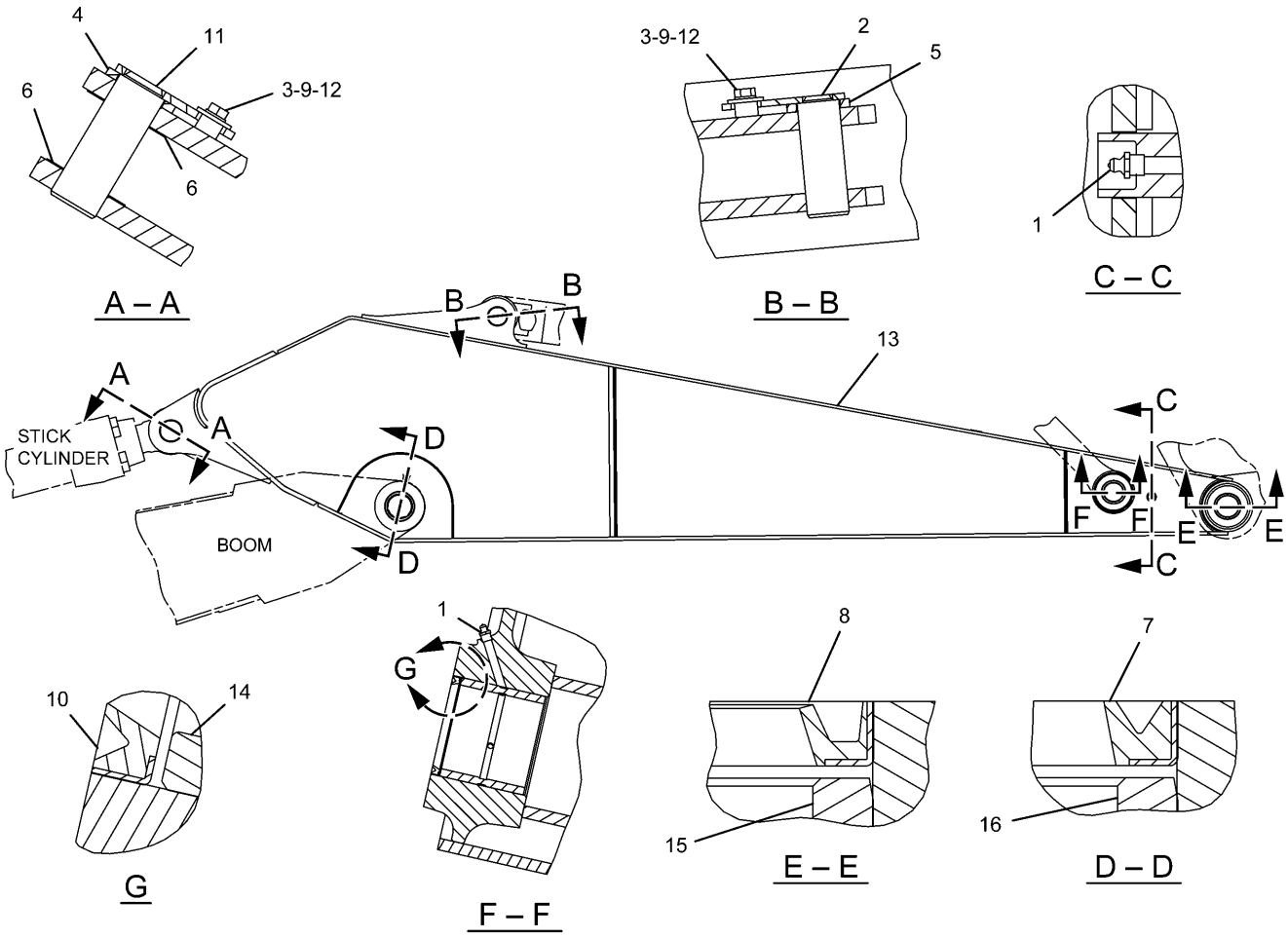
Part of 240-3854-Page736
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	3	FITTING					
	2	4I-4811	1	PIN AS					
	3	093-0349	2	WASHER					
	4	093-0363	1	SPACER					
	5	118-5982	1	SPACER					
	6	166-1486	2	SHIM (T=2.00mm)					
	7	166-1495	4	SEAL					
	8	235-7679	2	SEAL					
	9	8T-4780	2	BOLT (L=30mm)					
	10	4I-4809	1	PIN AS					
	11	8T-4123	2	WASHER					
	12	241-7316	1	STICK AS					
	13	228-5614	2	BEARING					
	14	228-5615	2	BEARING					
	15	244-4277	2	BEARING					
	16	7V-2882	1	PLATE AS					
	17	121-1760	2	PLATE					
	18	188-0046	4	PLATE					

H89728E 00

241-7315 STICK GP-HOE
Part of 240-3846-Page736
An Attachment

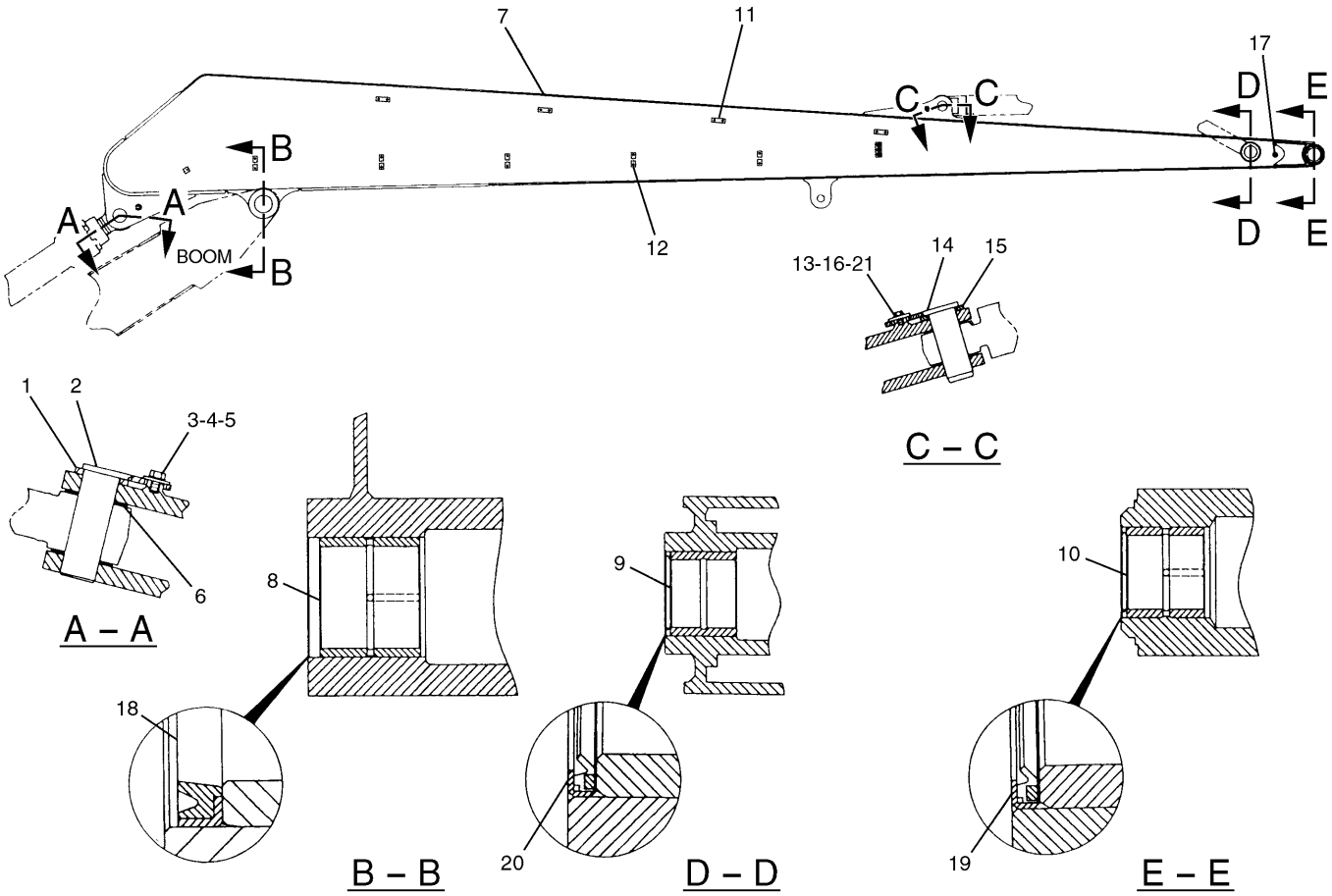


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	3	FITTING					
	2	4I-4811	1	PIN AS					
	3	093-0349	2	WASHER					
	4	093-0363	1	SPACER					
	5	118-5982	1	SPACER					
	6	166-1486	2	SHIM (T=2.00mm)					
	7	166-1494	2	SEAL					
	8	235-7679	2	SEAL					
	9	8T-4780	2	BOLT (L=30mm)					
	10	166-1495	2	SEAL					
	11	4I-4809	1	PIN AS					
	12	8T-4123	2	WASHER					
	13	269-1624	1	STICK AS					
	14	244-4277	2	BEARING					
	15	229-1096	2	BEARING					
	16	240-2913	2	BEARING					

H89983E 00

269-1597 STICK GP-HOE

S/N BWZ 1-Up, DFB 1-Up
Part of 279-2732-Page11,279-2733-Page12
An Attachment

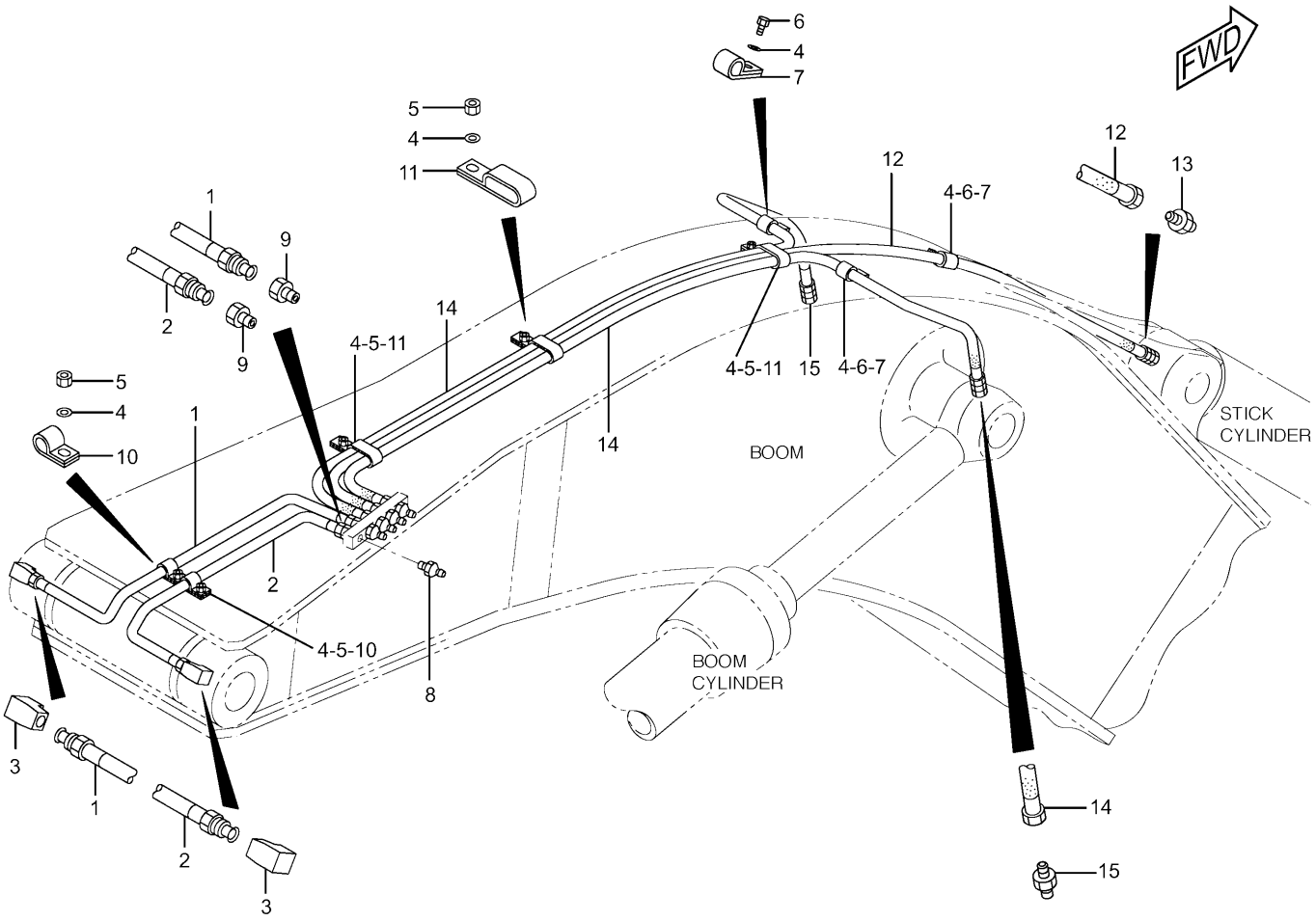


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	093-0363	1	SPACER		21	093-0352	1	WASHER
	2	4I-4618	1	PIN AS					
	3	8T-4780	1	BOLT (L=30mm)					
	4	093-0349	1	WASHER					
	5	8T-4123	1	WASHER					
	6	166-1486	2	SHIM (T=2.00mm)					
	7	237-3106	1	STICK AS					
	8	244-4277	2	BEARING					
	9	229-1095	2	BEARING					
	10	229-1091	2	BEARING					
	11	7Y-2522	8	PLATE					
	12	087-5841	10	PLATE					
	13	8T-4223	1	WASHER					
	14	7Y-6627	1	PIN AS					
	15	093-0357	1	WASHER					
	16	8T-4179	1	BOLT (L=20mm)					
	17	3B-8489	1	FITTING					
	18	166-1495	2	SEAL					
	19	096-0131	2	SEAL					
	20	093-1433	2	SEAL					

H94800E 02

230-0280 STICK GP-HOE

Long Reach Front
S/N DFB 1-Up
Part of 302-9207-Page740
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-4543	1	TUBE AS					
	2	4I-4544	1	TUBE AS					
	3	5K-9243	2	ELBOW					
	4	8T-4121	8	WASHER					
	5	8T-4133	5	NUT					
	6	8T-4191	3	BOLT (L=16mm)					
	7	033-8248	3	CLIP					
	8	3B-8489	5	FITTING					
	9	6L-3616	2	CONNECTOR					
	10	8M-2772	2	CLIP					
	11	166-1579	3	CLIP					
	12	120-7226	1	HOSE AS					
	13	105-6431	1	CONNECTOR					
	14	166-3152	2	HOSE AS					
	15	105-6431	1	CONNECTOR					

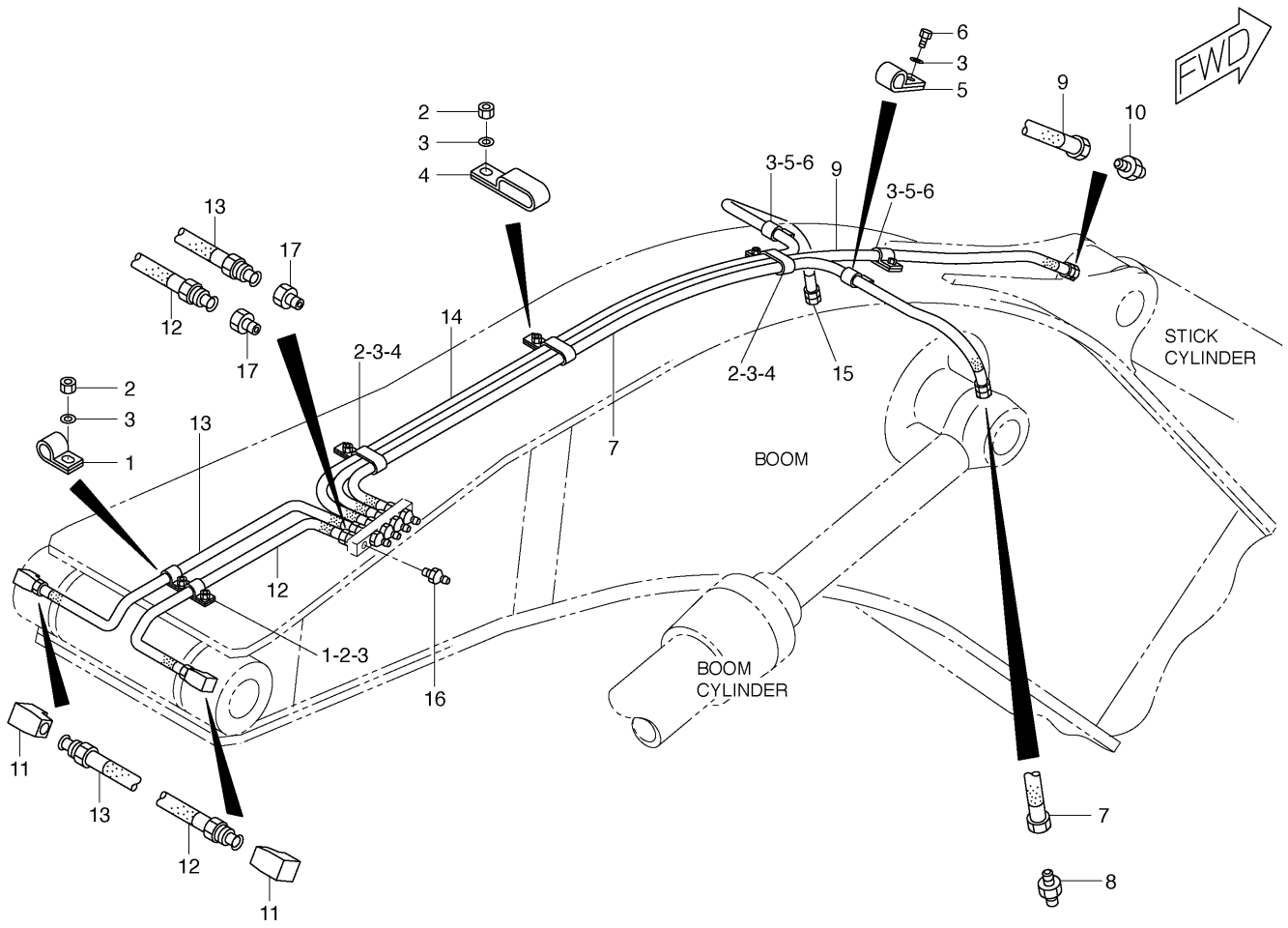
H89769E 02

241-7286 LINES GP-GREASE

R-Boom

Part of 240-3828,240-3830-Page731

An Attachment

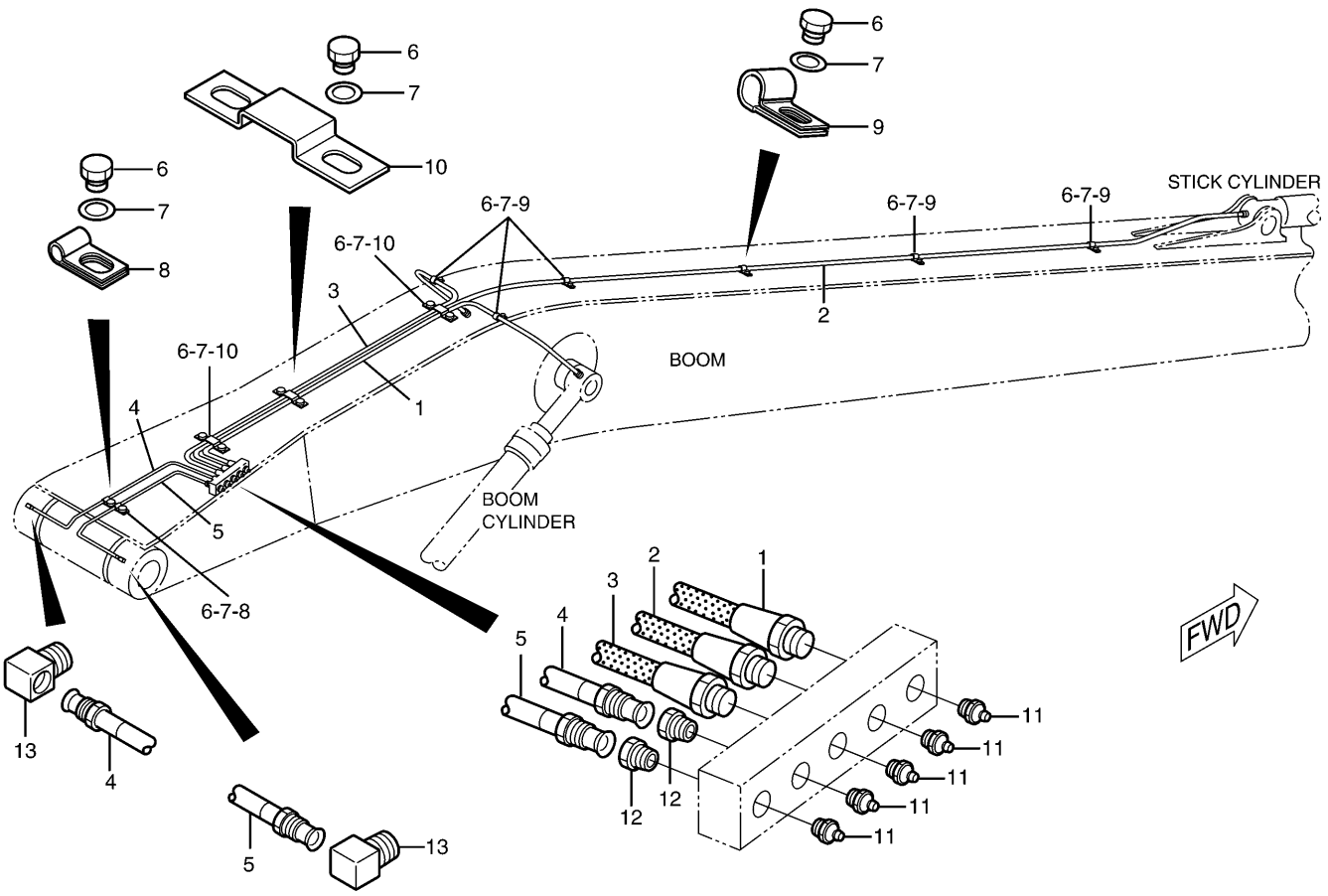


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8M-2772	2	CLIP					
	2	8T-4133	5	NUT					
	3	8T-4121	8	WASHER					
	4	166-1579	3	CLIP					
	5	033-8248	3	CLIP					
	6	8T-4191	3	BOLT (L=16mm)					
	7	166-3152	1	HOSE AS					
	8	105-6431	1	CONNECTOR					
	9	115-2678	1	HOSE AS					
	10	105-6431	1	CONNECTOR					
	11	5K-9243	2	ELBOW					
	12	4I-4544	1	TUBE AS					
	13	4I-4543	1	TUBE AS					
	14	115-2677	1	HOSE AS					
	15	105-6431	1	CONNECTOR					
	16	3B-8489	5	FITTING					
	17	6L-3616	2	CONNECTOR					

H86755E 00

172-2939 LINES GP-GREASE

S/N BWZ 1-Up, DFB 1-Up
Part of 240-3833-Page732
An Attachment

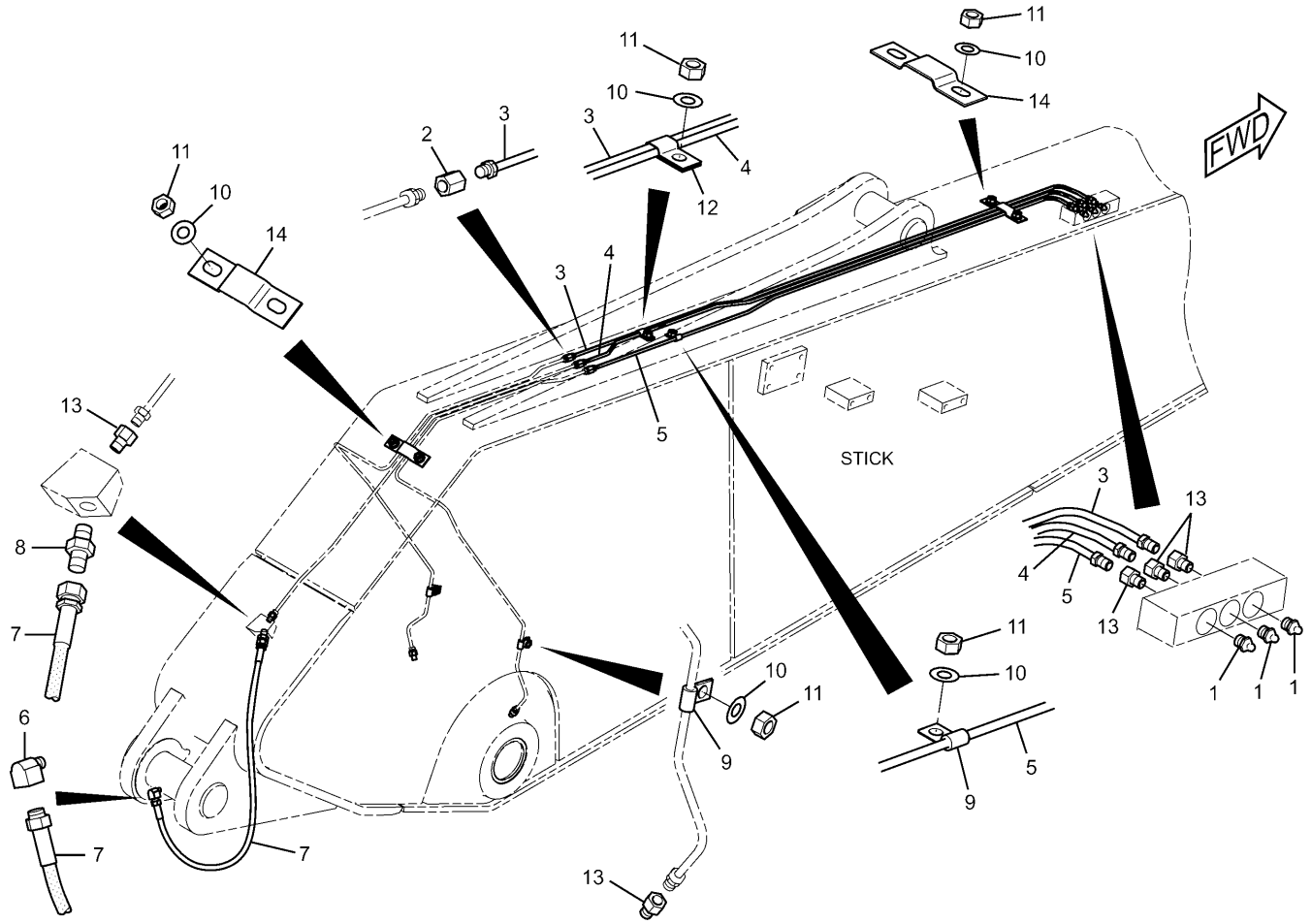


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-6610	1	HOSE AS					
	2	5I-7236	1	HOSE AS					
	3	4I-6608	1	HOSE AS					
	4	4I-4543	1	TUBE AS					
	5	4I-4544	1	TUBE AS					
	6	8T-4191	14	BOLT (L=16mm)					
	7	8T-4121	14	WASHER					
	8	8M-2772	2	CLIP					
	9	033-8248	6	CLIP					
	10	087-5840	3	PLATE					
	11	3B-8489	5	FITTING					
	12	6L-3616	2	CONNECTOR					
	13	5K-9243	2	ELBOW					

H53448E 00

5I-7235 LINES GP-GREASE

Boom/Long Reach Front
S/N DFB 1-Up
Part of 302-9207-Page740
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	3	FITTING					
	2	5K-9242	3	UNION					
	3	6I-5134	1	TUBE AS					
	4	6I-5135	1	TUBE AS					
	5	6I-5136	1	TUBE AS					
	6	6V-3342	1	ELBOW					
	7	7Y-2670	1	HOSE AS					
	8	105-6431	1	CONNECTOR					
	9	8M-2772	3	CLIP					
	10	8T-4121	8	WASHER					
	11	8T-4133	8	NUT					
	12	5K-2298	1	CLIP					
	13	6L-3616	6	CONNECTOR					
	14	087-5838	2	PLATE					

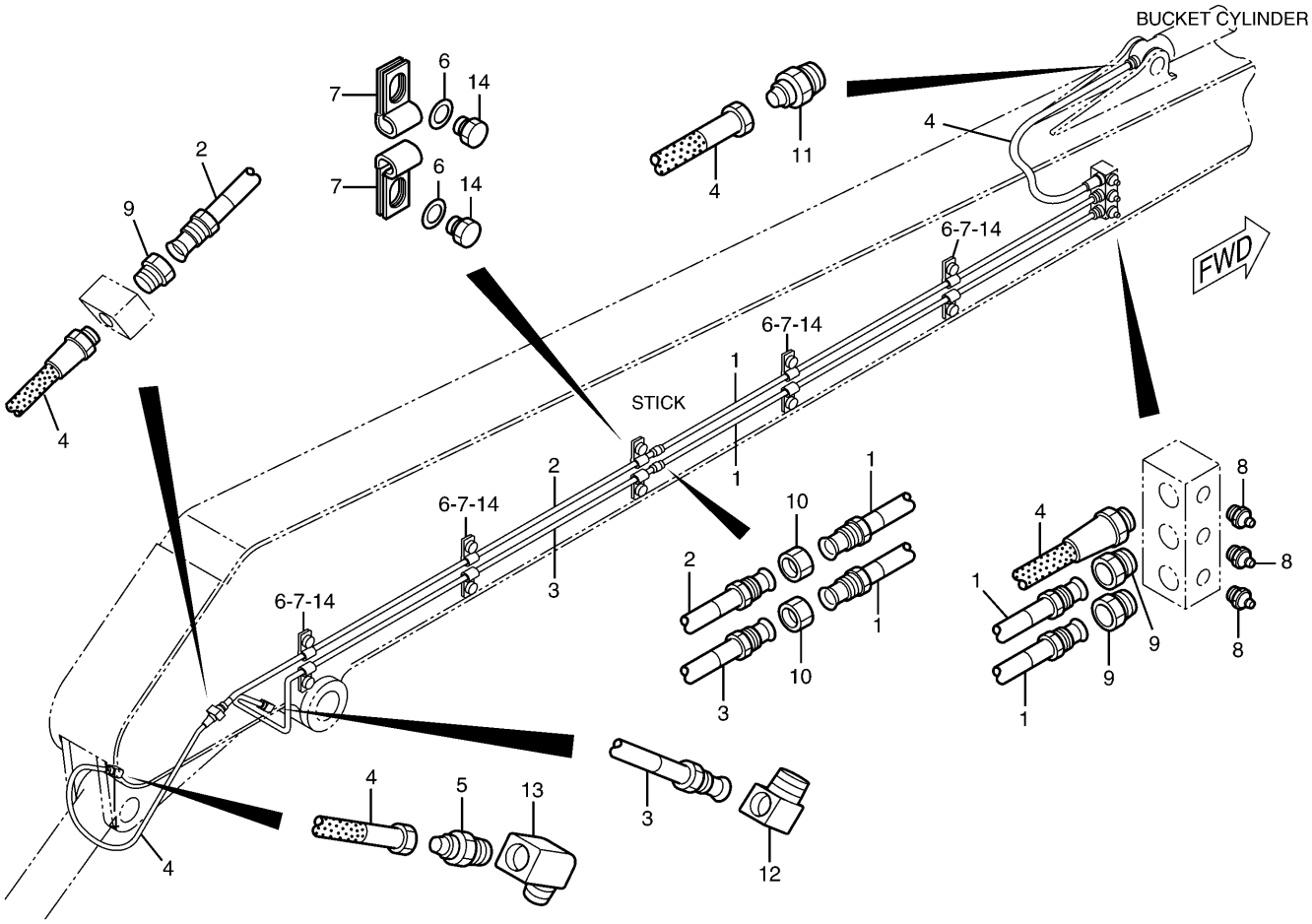
H89772E 00

267-0138 LINES GP-GREASE

R3.9B Stick

Part of 240-3845-Page733

An Attachment

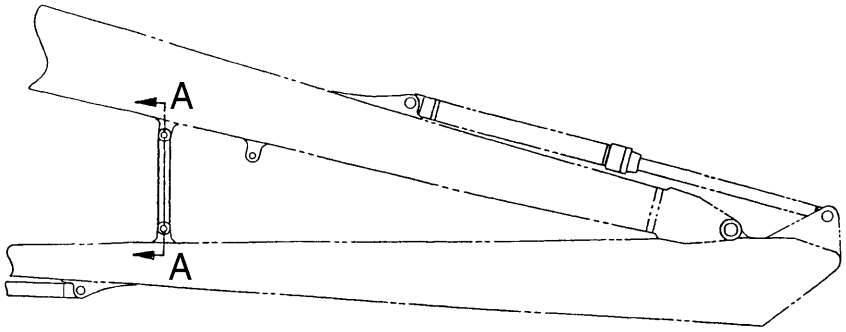


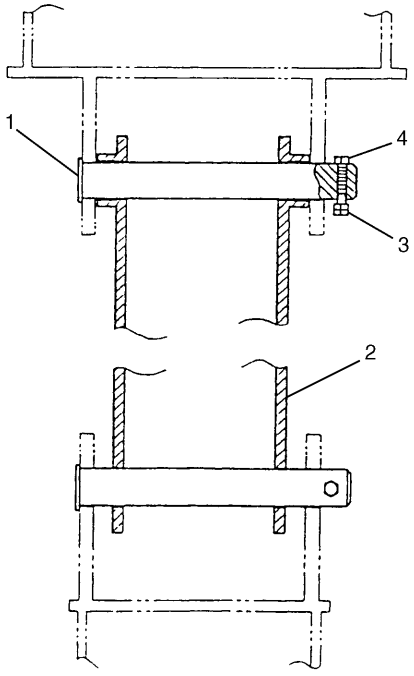
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5I-7238	2	TUBE AS					
	2	5I-7239	1	TUBE AS					
	3	132-1531	1	TUBE AS					
	4	087-5966	2	HOSE AS					
	5	105-6431	1	CONNECTOR					
	6	8T-4121	10	WASHER					
	7	8M-2772	10	CLIP					
	8	3B-8489	3	FITTING					
	9	6L-3616	3	CONNECTOR					
	10	5K-9242	2	UNION					
	11	5H-8936	1	ADAPTER					
	12	5K-9243	1	ELBOW					
	13	6V-3342	1	ELBOW					
	14	8T-4191	10	BOLT (L=16mm)					

H53097E 00

127-6625 LINES GP-GREASE

Stick/Long Reach Front
S/N DFB 1-Up
Part of 302-9207-Page740
An Attachment



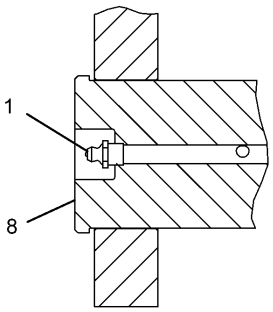


A – A

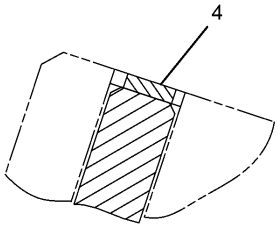
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-6649	2	PIN					
	2	7Y-6641	1	ROD AS					
	3	8T-4133	4	NUT					
	4	8T-6466	2	BOLT (L=60mm)					

H53284E 00

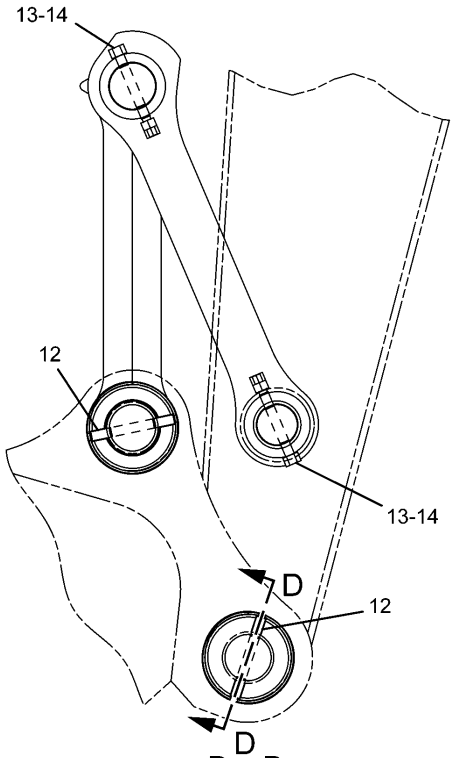
116-9115 LOCK GP-TRANSPORT
Long Reach Front
S/N DFB 1-Up
Part of 302-9207-Page740
An Attachment



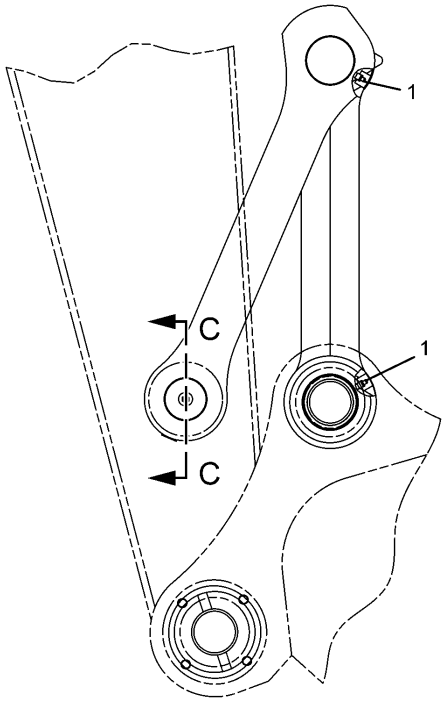
C – C



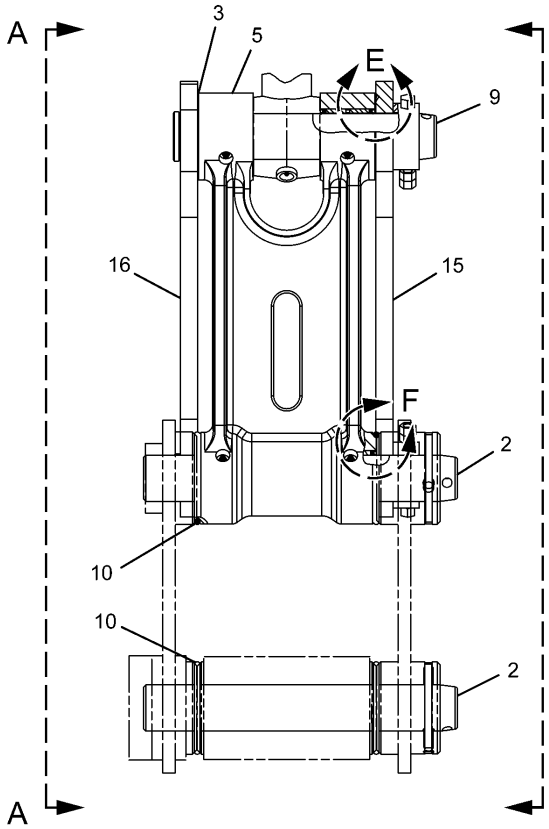
D – D

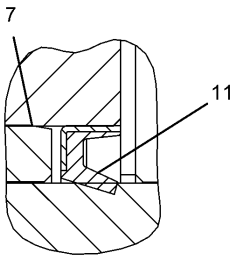


B – B

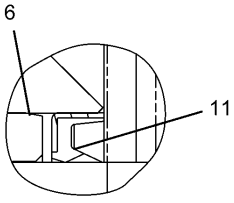


A – A





E



F

H89529E 01

241-7318 LINKAGE GP-BUCKET
Part of 247-7453-Page737
An Attachment

IMPLEMENTS

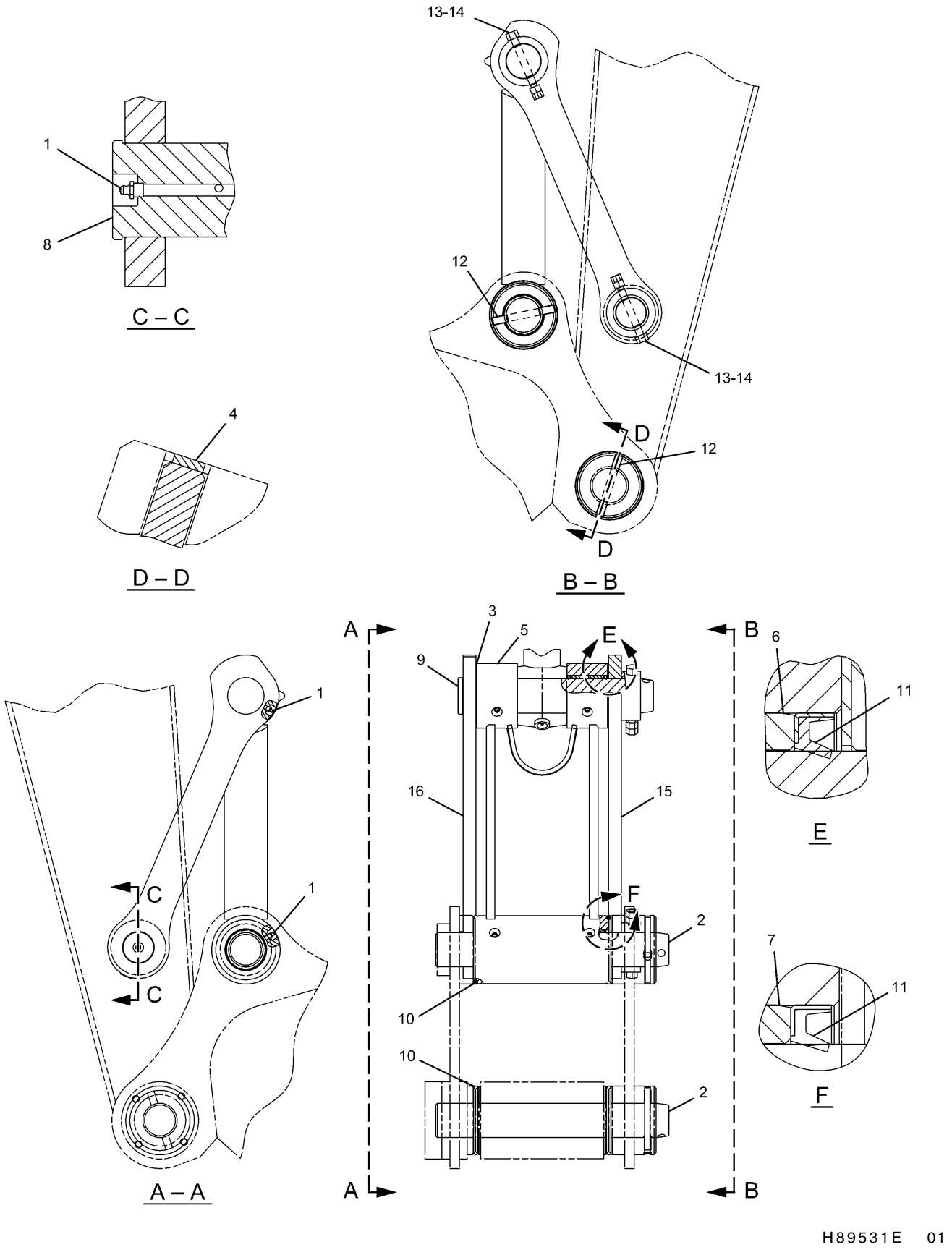
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	5	FITTING					
	2	087-5805	2	PIN					
	3	166-1486	2	SHIM (T=2.00mm)					
	4	168-2629	2	RING					
	5	241-7319	1	LINK AS					
	6	240-2912	2	BEARING					
	7	244-4360	2	BEARING					
	8	254-3052	1	PIN					
	9	254-3053	1	PIN					
	10	093-1344	4	SEAL-O-RING (ID=140.00mm)					
	11	166-1494	6	SEAL					
	12	168-2628	2	PIN					
	13	186-5644	2	BOLT (L=150mm)					
	14	8T-4132	4	NUT					
	15	244-4254	1	LINK AS					
	16	244-4255	1	LINK					

H89529E 01

241-7318 LINKAGE GP-BUCKET

Part of 247-7453-Page737

An Attachment



241-7324 LINKAGE GP-BUCKET
Part of 240-3860-Page737
An Attachment

IMPLEMENTS

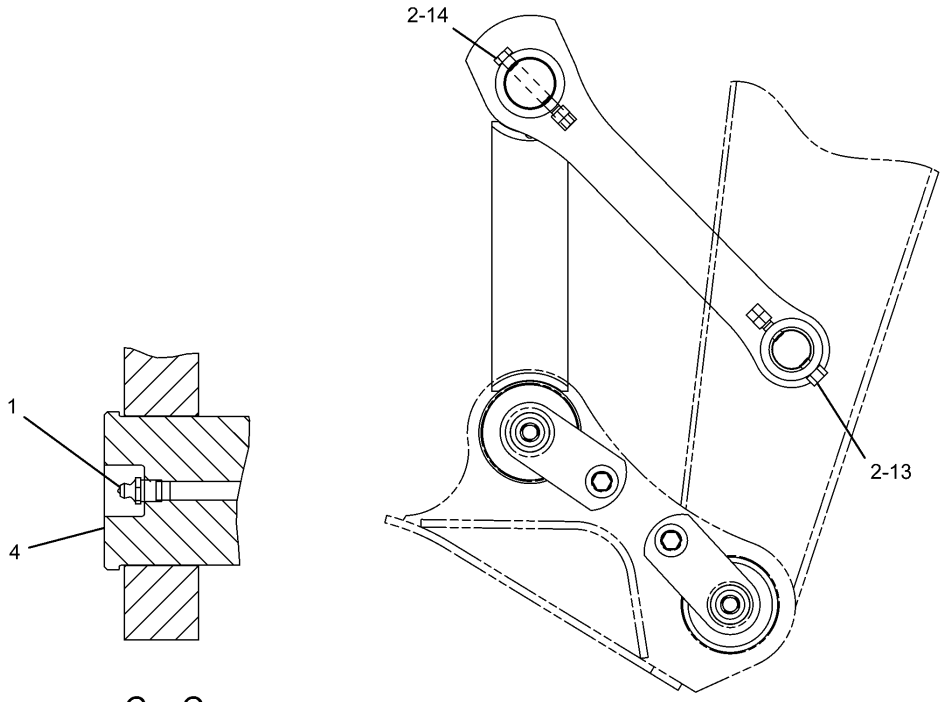
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	5	FITTING					
	2	087-5805	2	PIN					
	3	166-1486	2	SHIM (T=2.00mm)					
	4	168-2629	2	RING					
	5	241-7325	1	LINK AS					
	6	244-4360	2	BEARING					
	7	240-2912	2	BEARING					
	8	254-3052	1	PIN					
	9	254-3053	1	PIN					
	10	093-1344	4	SEAL-O-RING (ID=140.00mm)					
	11	166-1494	6	SEAL					
	12	168-2628	2	PIN					
	13	186-5644	2	BOLT (L=150mm)					
	14	8T-4132	4	NUT					
	15	244-4254	1	LINK AS					
	16	244-4255	1	LINK					

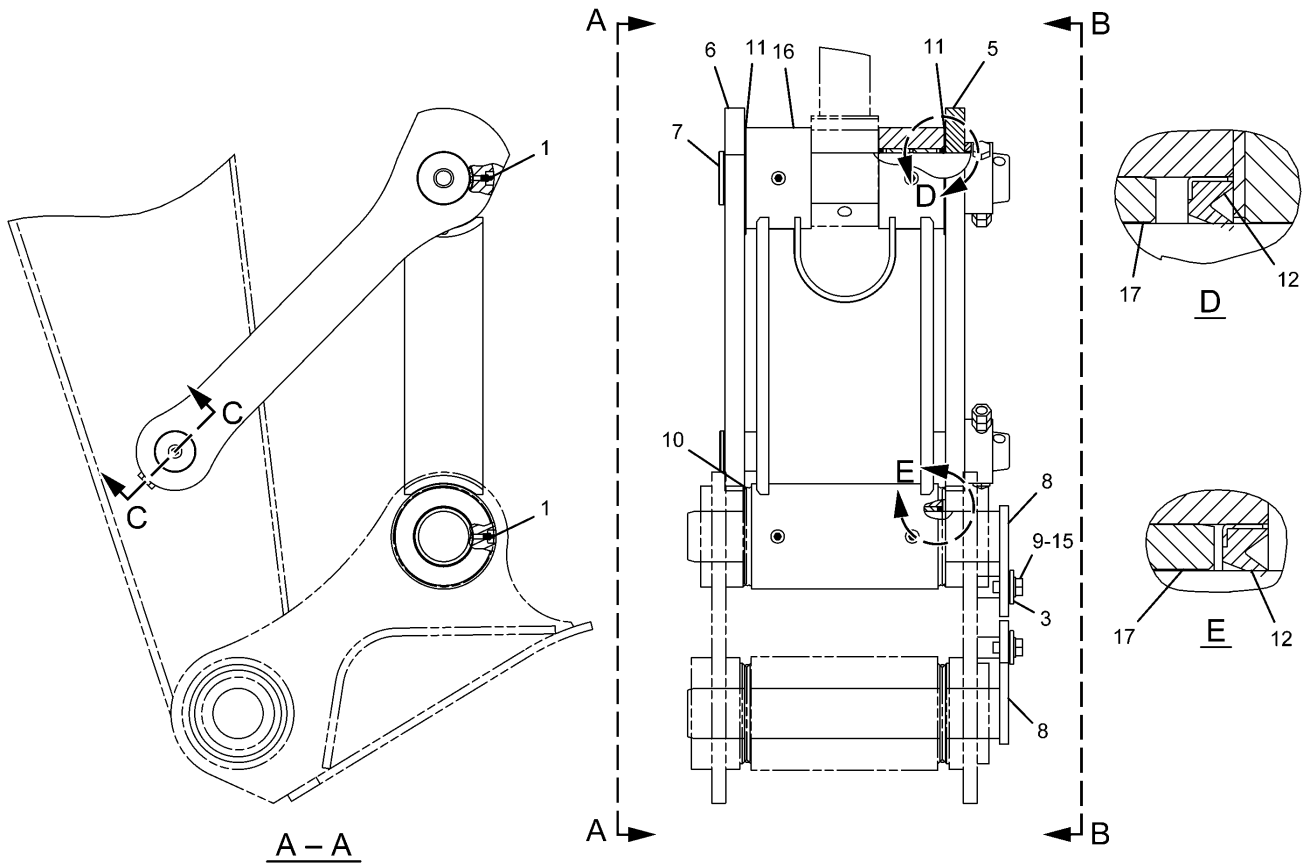
H89531E 01

241-7324 LINKAGE GP-BUCKET

Part of 240-3860-Page737

An Attachment





H93594E 03

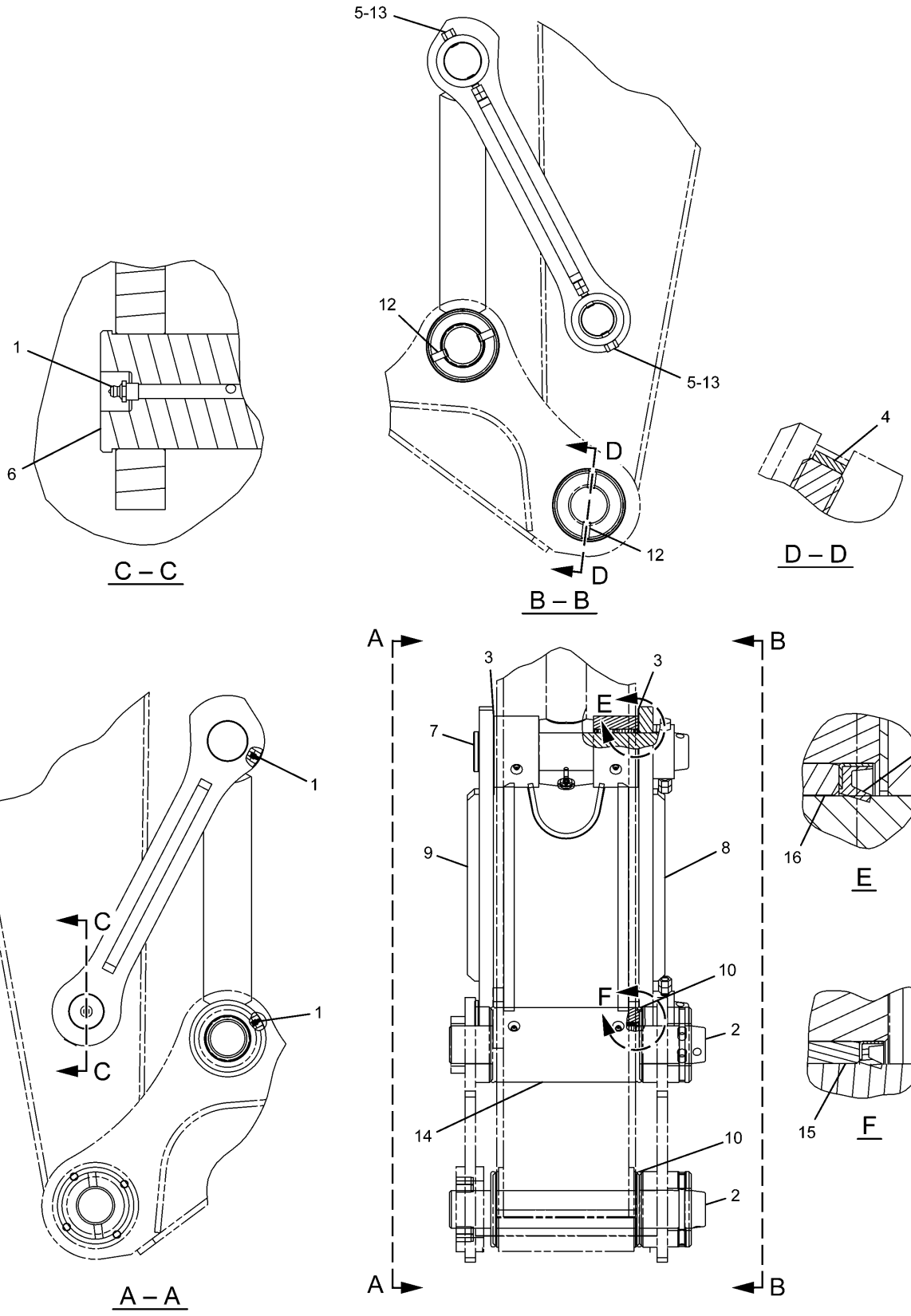
228–5528 LINKAGE GP–BUCKET
CB Family
Part of 229–1772–Page738
An Attachment

IMPLEMENTS

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	5	FITTING					
	2	8T-4131	4	NUT					
	3	093-0349	2	WASHER					
	4	186-5662	1	PIN					
	5	234-3927	1	LINK AS					
	6	234-3928	1	LINK					
	7	234-3930	1	PIN					
	8	234-3931	2	PIN AS					
	9	8T-5460	2	BOLT (L=40mm)					
	10	093-1345	4	SEAL-O-RING (ID=155.00mm)					
	11	166-1487	2	SHIM (T=2.00mm)					
	12	166-1495	6	SEAL					
	13	186-5649	1	BOLT (L=160mm)					
	14	189-3925	1	BOLT (L=170mm)					
	15	8T-4123	2	WASHER					
	16	248-1842	1	LINK AS					
	17	228-5615	4	BEARING					

H93594E 03

228-5528 LINKAGE GP-BUCKET
CB Family
Part of 229-1772-Page738
An Attachment



H89834E 00

241-7321 LINKAGE GP-BUCKET
Part of 240-3867-Page738
An Attachment

IMPLEMENTS

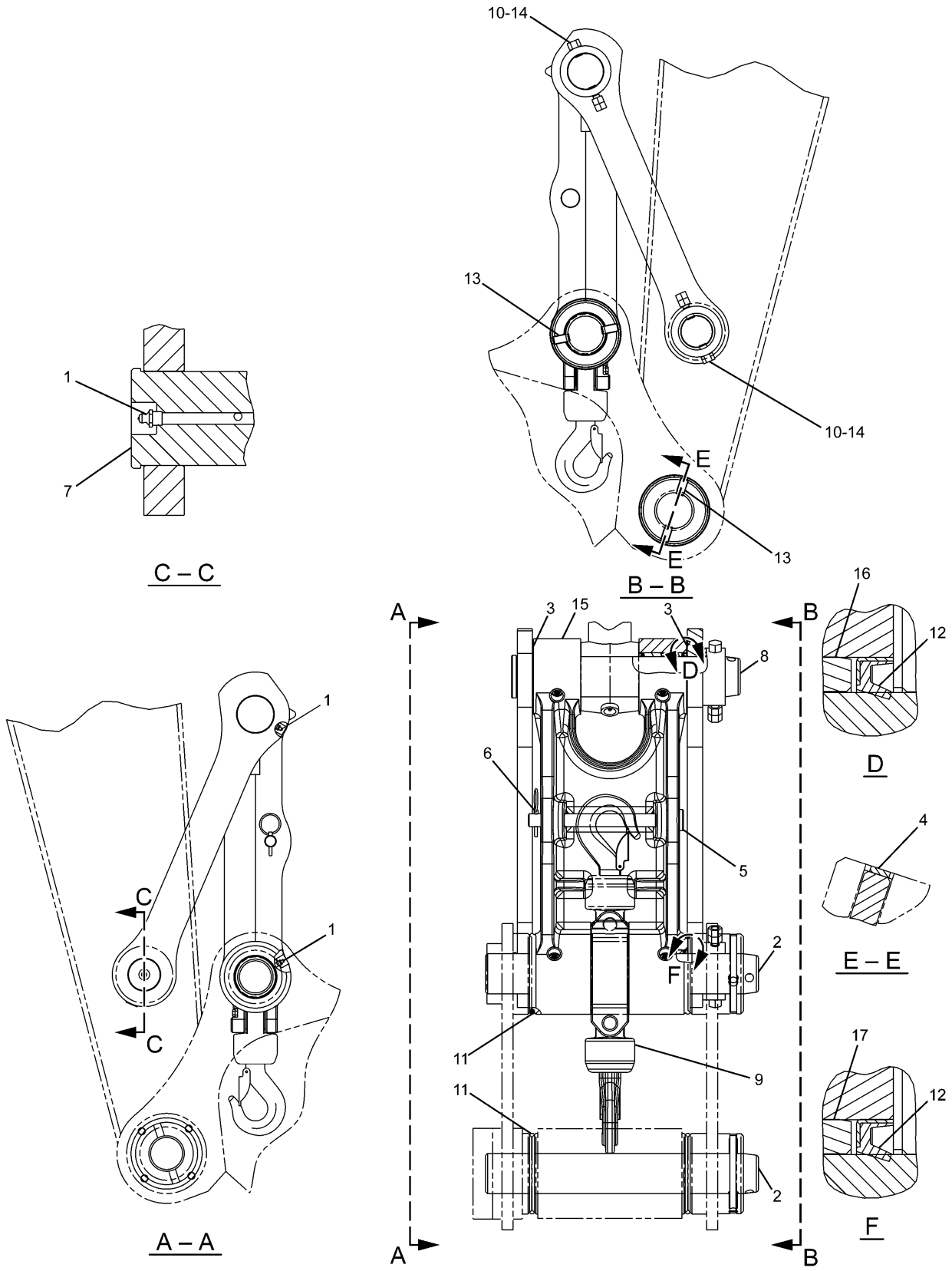
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	5	FITTING					
	2	087-5805	2	PIN					
	3	166-1486	2	SHIM (T=2.00mm)					
	4	168-2629	2	RING					
	5	8T-4132	4	NUT					
	6	254-3052	1	PIN					
	7	254-3053	1	PIN					
	8	264-1622	1	LINK AS					
	9	264-1623	1	LINK AS					
	10	093-1344	4	SEAL-O-RING (ID=140.00mm)					
	11	166-1494	6	SEAL					
	12	168-2628	2	PIN					
	13	186-5644	2	BOLT (L=150mm)					
	14	241-7322	1	LINK AS					
	15	240-2912	2	BEARING					
	16	244-4360	2	BEARING					

H89834E 00

241-7321 LINKAGE GP-BUCKET

Part of 240-3867-Page738

An Attachment



269–1598 LINKAGE GP–BUCKET
S/N BWZ 1–Up, DFB 1–Up
Part of 257–2926–Page739
An Attachment

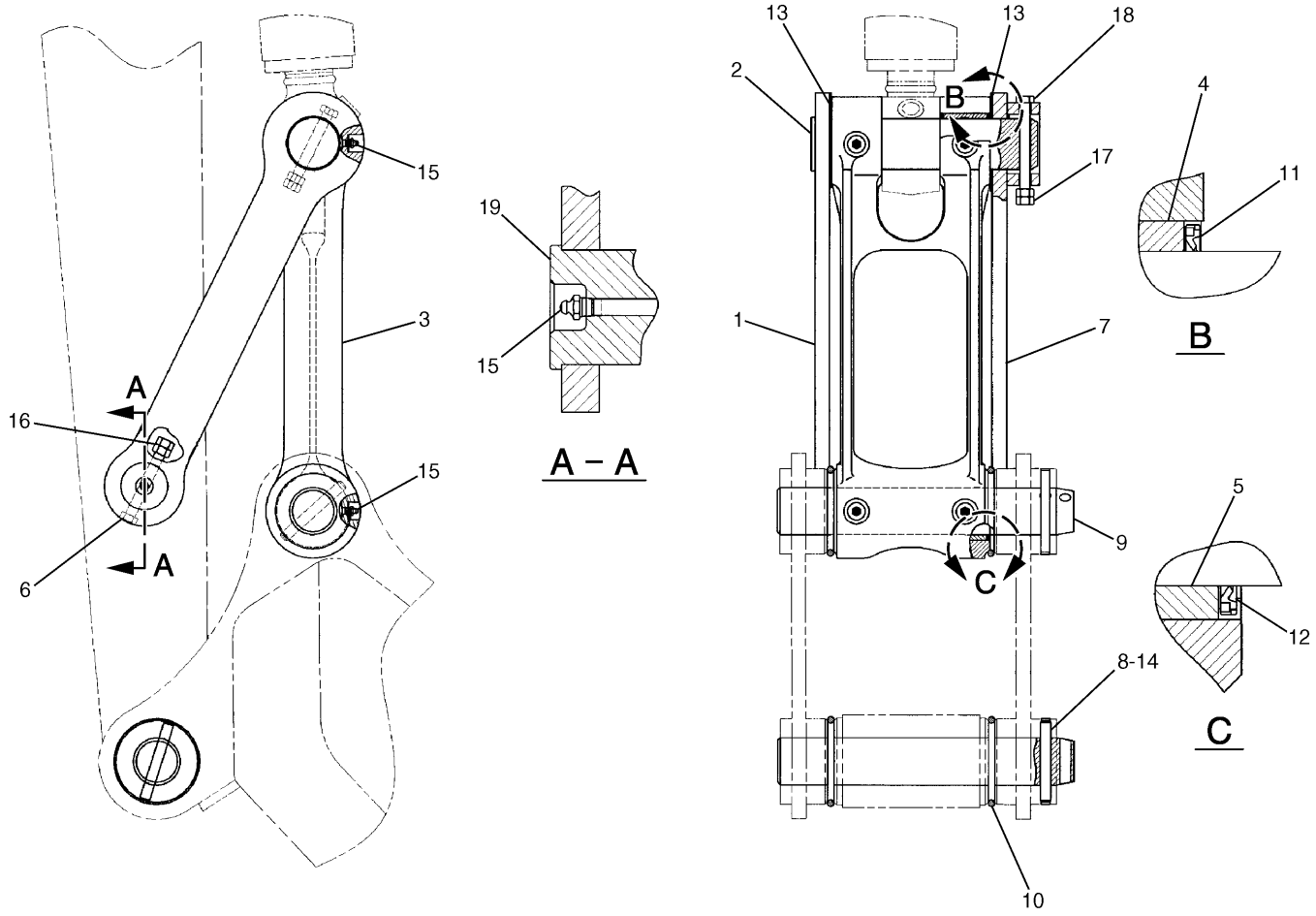
IMPLEMENTS

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B-8489	5	FITTING					
	2	087-5805	2	PIN					
	3	166-1486	2	SHIM (T=2.00mm)					
	4	168-2629	2	RING					
	5	210-2956	1	PIN					
	6	210-2957	1	PIN					
	7	254-3052	1	PIN					
	8	254-3053	1	PIN					
	9	331-2027	1	HOOK GP					
		257-2931	1	LATCH KIT					
	10	8T-4132	4	NUT					
	11	093-1344	4	SEAL-O-RING (ID=140.00mm)					
	12	166-1494	8	SEAL					
	13	168-2628	2	PIN					
	14	186-5644	2	BOLT (L=150mm)					
	15	308-8936	1	LINK AS					
	16	244-4360	2	BEARING					
	17	240-2912	2	BEARING					

HA1763E 03

269-1598 LINKAGE GP-BUCKET

S/N BWZ 1-Up, DFB 1-Up
Part of 257-2926-Page739
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	248-7822	1	LINK					
	2	248-7820	1	PIN					
	3	248-7838	1	LINK AS					
	4	248-7835	2	BEARING					
	5	229-1092	2	BEARING					
	6	099-0707	1	BOLT (L=115mm)					
	7	248-7823	1	LINK AS					
	8	134-7178	2	PIN					
	9	086-0523	2	PIN					
	10	093-1342	4	SEAL-O-RING (ID=96.00mm)					
	11	235-7679	4	SEAL					
	12	248-7836	2	SEAL					
	13	166-1482	2	SHIM (T=2.00mm)					
	14	134-7179	2	RING					
	15	3B-8489	5	FITTING					
	16	096-4876	2	NUT					
	17	8T-4132	2	NUT					
	18	186-5644	1	BOLT (L=150mm)					
	19	7I-6843	1	PIN					

H87156E 00

248-7837 LINKAGE GP-BUCKET

S/N DFB 1-Up
Part of 302-9207-Page740
An Attachment

Consists of :

			Page
1	7Y-0729	SIDECUTTER GP	804
5	9J-3167	TIP GP-LONG	805
1	239-2684	BUCKET & ADJUSTER GP	786

H89686E 01

239-2683 BUCKET AR
An Attachment

Consists of :

			Page
1	7Y-0729	SIDECUTTER GP	804
5	9J-3167	TIP GP-LONG	805
1	239-2687	BUCKET & ADJUSTER GP	786

H89683E 01

239-2686 BUCKET AR
B Family
An Attachment

Consists of :

			Page
1	7Y-0729	SIDECUTTER GP	804
5	9J-3167	TIP GP-LONG	805
1	239-2580	BUCKET & ADJUSTER GP	787

H89685E 00

239-2579 BUCKET AR
An Attachment

Consists of :

			Page
1	7Y-0366	SIDECUTTER GP	804
5	127-0716	TIP GP-LONG	813
1	239-2565	BUCKET & ADJUSTER GP	788

H92036E 02

239-2564 BUCKET AR
An Attachment

Consists of :

			Page
1	7Y-0366	SIDECUTTER GP	804
5	127-0716	TIP GP-LONG	813
1	239-2696	BUCKET & ADJUSTER GP	788

H92042E 02

239-2695 BUCKET AR
An Attachment

Consists of :

			Page
1	7Y-0729	SIDECUTTER GP	804
5	8J-4955	TIP GP-LONG	809
1	239-2693	BUCKET & ADJUSTER GP	789

H89947E 00

239-2692 BUCKET AR
An Attachment

Consists of :

			Page
1	7Y-0729	SIDECUTTER GP	804
5	8J-4955	TIP GP-LONG	809
1	239-2690	BUCKET & ADJUSTER GP	789

H89946E 00

239-2689 BUCKET AR
An Attachment

Consists of :

			Page
1	7Y-0729	SIDECUTTER GP	804
5	229-6969	TIP GP	820
1	239-2574	BUCKET & ADJUSTER GP	790

H89948E 01

239-2573 BUCKET AR
An Attachment

Consists of :

			Page
1	7Y-0729	SIDECUTTER GP	804
5	229-6969	TIP GP	820
1	239-2577	BUCKET & ADJUSTER GP	790

H89949E 01

239-2576 BUCKET AR
An Attachment

Consists of :

			Page
1	7Y-0729	SIDECUTTER GP	804
1	255-0396	BUCKET & ADJUSTER GP	791
5	177-8068	TIP	
5	095-2623	PIN	
5	095-5564	PIN	

H95998E 00

255-0395 BUCKET AR
An Attachment

Consists of :

			Page
1	7Y-0729	SIDECUTTER GP	804
1	255-0399	BUCKET & ADJUSTER GP	791
5	177-8068	TIP	
5	095-2623	PIN	
5	095-5564	PIN	

H96000E 00

255-0398 BUCKET AR
An Attachment

IMPLEMENTS

Consists of :

			Page
1	7Y-0729	SIDECUTTER GP	804
5	217-4896	TIP GP	824
1	239-2583	BUCKET & ADJUSTER GP	792

H89950E 00

239-2582 BUCKET AR
An Attachment

Consists of :

			Page
1	7Y-0729	SIDECUTTER GP	804
5	217-4896	TIP GP	824
1	239-2586	BUCKET & ADJUSTER GP	792

H89951E 00

239-2585 BUCKET AR
An Attachment

Consists of :

			Page
1	7Y-2219	ADJUSTER GP-BUCKET	802
1	239-2685	BUCKET AS-EXCAVATION	793

H89688E 01

239-2684 BUCKET & ADJUSTER GP
Part of 239-2683-Page779
An Attachment

Consists of :

			Page
1	7Y-2219	ADJUSTER GP-BUCKET	802
1	239-2688	BUCKET AS-EXCAVATION	793

H89689E 01

239-2687 BUCKET & ADJUSTER GP
B Family
Part of 239-2686-Page779
An Attachment

Consists of :

			Page
1	7Y-2219	ADJUSTER GP-BUCKET	802
1	239-2581	BUCKET AS-EXCAVATION	794

H89687E 00

239-2580 BUCKET & ADJUSTER GP
Part of 239-2579-Page780
An Attachment

Consists of :

			Page
1	250-6415	BUCKET AS-EXCAVATION	795
1	250-6418	ADJUSTER GP-BUCKET	803

H92046E 03

239-2565 BUCKET & ADJUSTER GP
Part of 239-2564-Page780
An Attachment

Consists of :

			Page
1	239-2697	BUCKET AS-EXCAVATION	795
1	250-6418	ADJUSTER GP-BUCKET	803

H92049E 02

239-2696 BUCKET & ADJUSTER GP
Part of 239-2695-Page781
An Attachment

Consists of :

			Page
1	7Y-2219	ADJUSTER GP-BUCKET	802
1	239-2694	BUCKET AS-EXCAVATION	796

H89939E 00

239-2693 BUCKET & ADJUSTER GP
Part of 239-2692-Page782
An Attachment

Consists of :

			Page
1	7Y-2219	ADJUSTER GP-BUCKET	802
1	239-2691	BUCKET AS-EXCAVATION	796

H89938E 00

239-2690 BUCKET & ADJUSTER GP
Part of 239-2689-Page782
An Attachment

Consists of :

			Page
1	7Y-2219	ADJUSTER GP-BUCKET	802
1	239-2575	BUCKET AS-EXCAVATION	797

H89940E 01

239-2574 BUCKET & ADJUSTER GP
Part of 239-2573-Page783
An Attachment

Consists of :

			Page
1	7Y-2219	ADJUSTER GP-BUCKET	802
1	239-2578	BUCKET AS-EXCAVATION	797

H89941E 01

239-2577 BUCKET & ADJUSTER GP
Part of 239-2576-Page783
An Attachment

Consists of :

			Page
1	7Y-2219	ADJUSTER GP-BUCKET	802
1	255-0397	BUCKET AS-EXCAVATION	798

H96001E 00

255-0396 BUCKET & ADJUSTER GP
Part of 255-0395-Page784
An Attachment

Consists of :

			Page
1	7Y-2219	ADJUSTER GP-BUCKET	802
1	255-0400	BUCKET AS-EXCAVATION	798

H96002E 00

255-0399 BUCKET & ADJUSTER GP
Part of 255-0398-Page784
An Attachment

Consists of :

			Page
1	7Y-2219	ADJUSTER GP-BUCKET	802
1	239-2584	BUCKET AS-EXCAVATION	799

H89943E 00

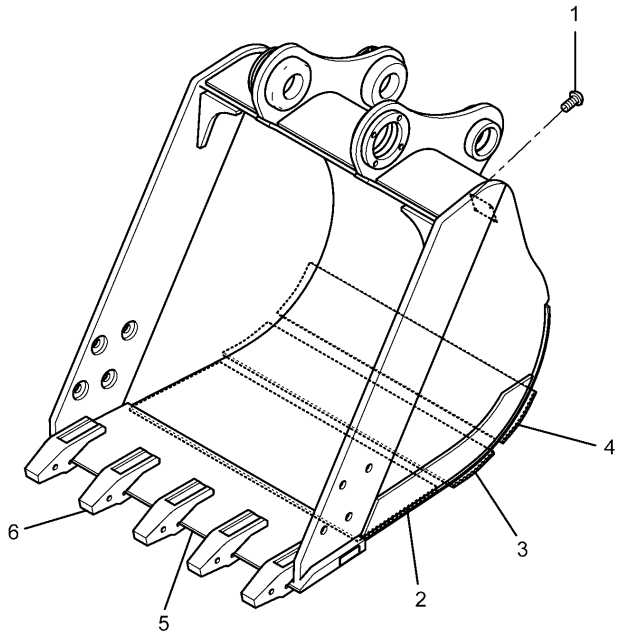
239-2583 BUCKET & ADJUSTER GP
Part of 239-2582-Page785
An Attachment

Consists of :

			Page
1	7Y-2219	ADJUSTER GP-BUCKET	802
1	239-2587	BUCKET AS-EXCAVATION	799

H89944E 00

239-2586 BUCKET & ADJUSTER GP
Part of 239-2585-Page785
An Attachment



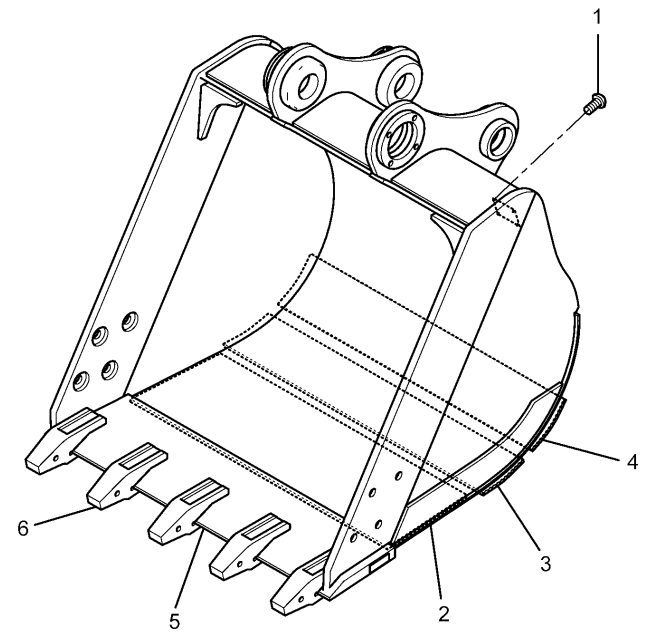
NOTE	No.	PART No.	QTY	PART NAME
B	1	4B-4158	4	SCREW
	2	255-0418	1	PLATE
	3	255-0419	1	PLATE
	4	255-0424	1	PLATE
	5	239-2641	1	EDGE AS
	6	8E-9490	5	ADAPTER

B—USE AS REQUIRED

H89878E 02

239-2685 BUCKET AS-EXCAVATION

B Family
972MM Wide--0.8Cu.M.-Adapter Size J300
Part of 239-2684-Page786
An Attachment



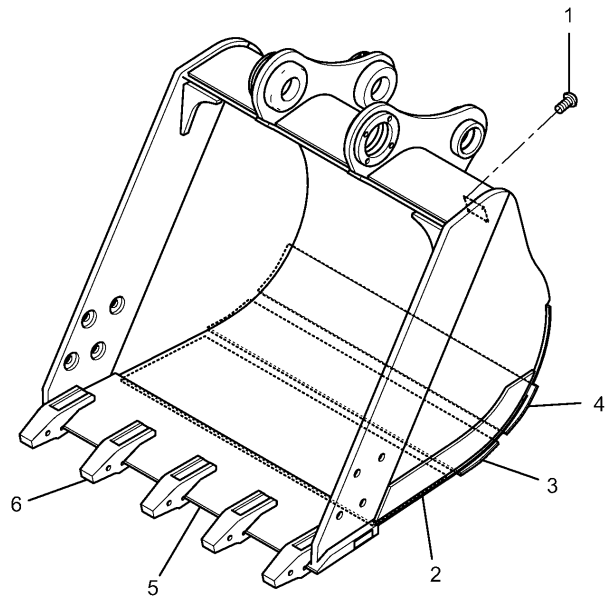
NOTE	No.	PART No.	QTY	PART NAME
B	1	4B-4158	4	SCREW
	2	255-0420	1	PLATE
	3	255-0421	1	PLATE
	4	255-0425	1	PLATE
	5	239-2649	1	EDGE AS
	6	8E-9490	5	ADAPTER

B—USE AS REQUIRED

H89885E 02

239-2688 BUCKET AS-EXCAVATION

B Family
1092MM Wide—0.9Cu.M.-Adapter Size J300
Part of 239-2687-Page786
An Attachment



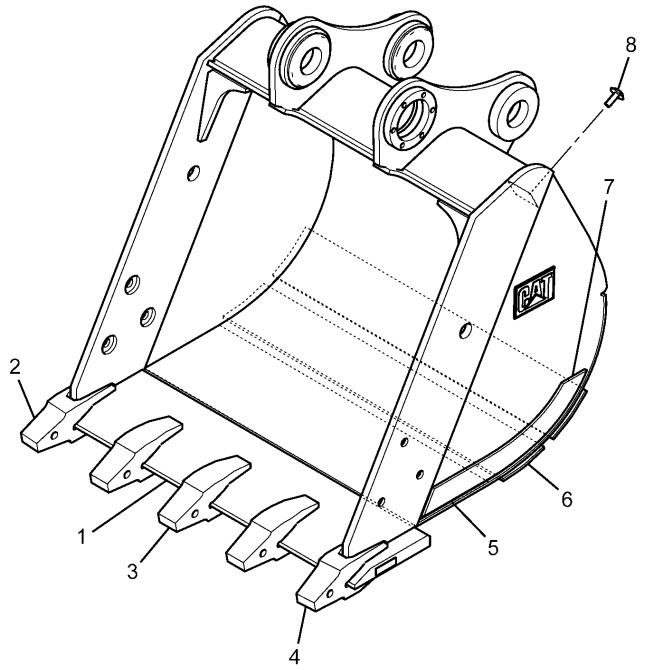
NOTE	No.	PART No.	QTY	PART NAME
B	1	4B-4158	4	SCREW
	2	255-0422	1	PLATE
	3	255-0423	1	PLATE
	4	255-0430	1	PLATE
	5	255-0377	1	EDGE AS
	6	8E-9490	5	ADAPTER

B—USE AS REQUIRED

H90099E 01

239-2581 BUCKET AS-EXCAVATION

B Family
1150MM Wide—1.0Cu.M.-Adapter Size J300
Part of 239-2580-Page787
An Attachment



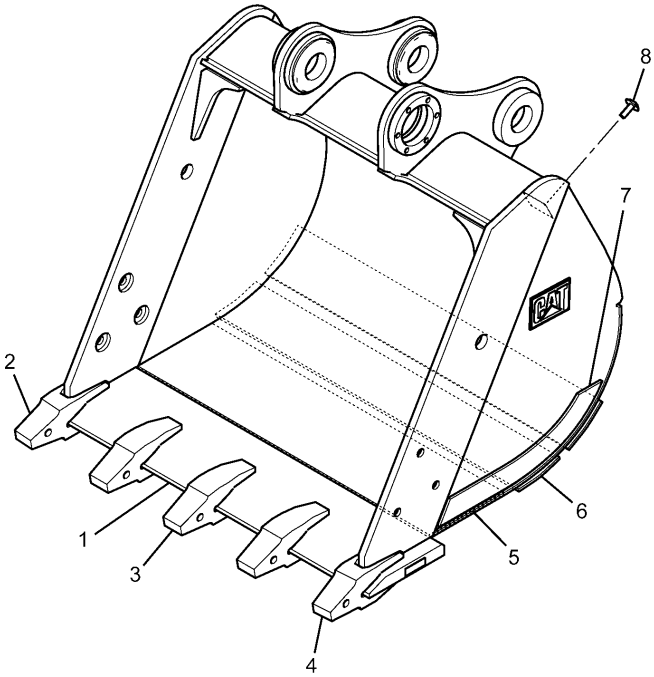
NOTE	No.	PART No.	QTY	PART NAME
	1	255-0493	1	EDGE AS
	2	6I-6406	1	ADAPTER
	3	6I-6404	3	ADAPTER
	4	6I-6405	1	ADAPTER
	5	255-0497	1	PLATE
	6	255-0496	2	PLATE
	7	239-2733	2	PLATE
B	8	4B-4158	4	SCREW

B—USE AS REQUIRED

H91341E 01

250-6415 BUCKET AS-EXCAVATION

CB Family
1345MM Wide—1.1Cu.M.-Adapter Size J400
Part of 239-2565-Page788
An Attachment



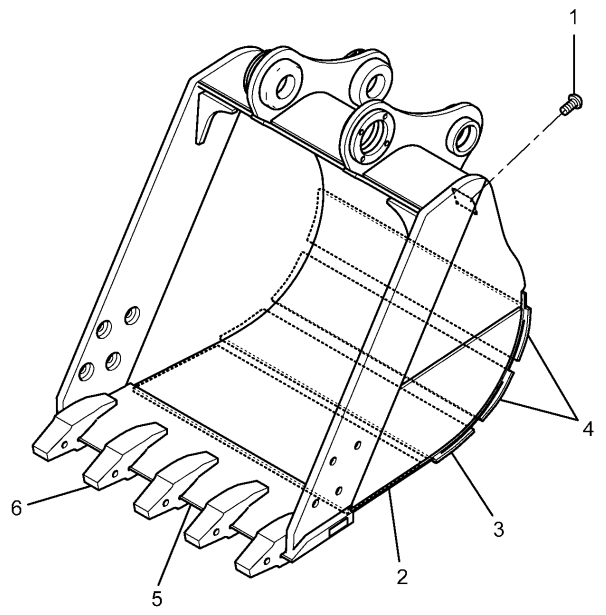
NOTE	No.	PART No.	QTY	PART NAME
	1	255-0475	1	EDGE AS
	2	6I-6406	1	ADAPTER
	3	6I-6404	3	ADAPTER
	4	6I-6405	1	ADAPTER
	5	255-0479	1	PLATE
	6	255-0478	2	PLATE
	7	239-2733	2	PLATE
B	8	4B-4158	4	SCREW

B—USE AS REQUIRED

H91343E 02

239-2697 BUCKET AS-EXCAVATION

CB Family
1435MM Wide—1.2Cu.M.-Adapter Size J400
Part of 239-2696-Page788
An Attachment



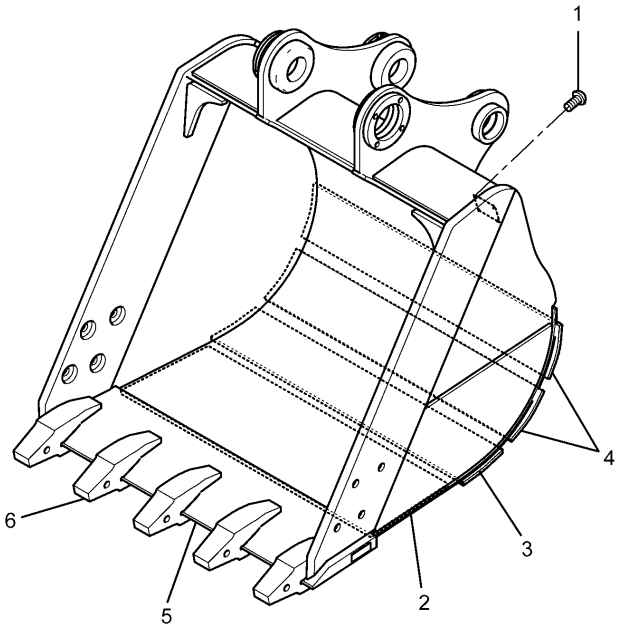
NOTE	No.	PART No.	QTY	PART NAME
B	1	4B-4158	4	SCREW
	2	239-2876	1	PLATE
	3	255-0353	1	PLATE
	4	255-0354	2	PLATE
	5	255-0351	1	EDGE AS
	6	6I-6354	5	ADAPTER

B—USE AS REQUIRED

H89913E 01

239-2691 BUCKET AS-EXCAVATION

980MM Wide--0.8Cu.M.-Adapter Size J350
Part of 239-2690-Page789
An Attachment



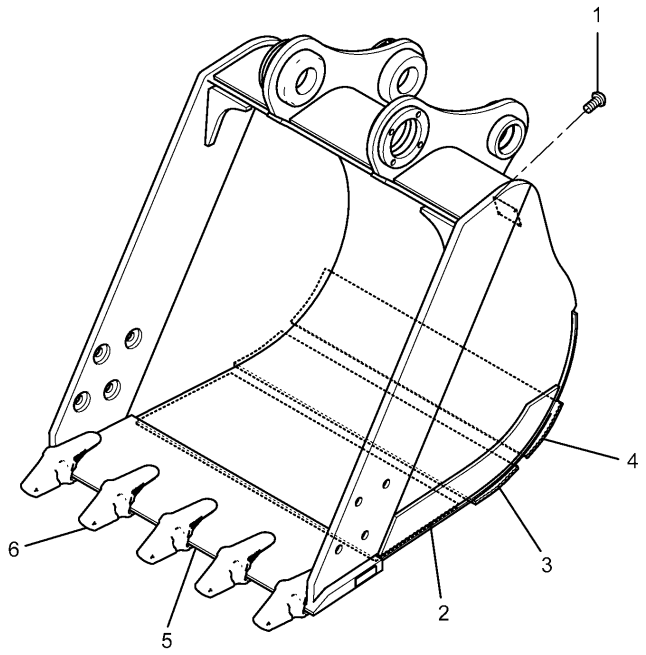
NOTE	No.	PART No.	QTY	PART NAME
B	1	4B-4158	4	SCREW
	2	255-0386	1	PLATE
	3	255-0387	1	PLATE
	4	255-0388	2	PLATE
	5	255-0383	1	EDGE AS
	6	6I-6354	5	ADAPTER

B—USE AS REQUIRED

H89929E 00

239-2694 BUCKET AS-EXCAVATION

1100MM Wide—0.9Cu.M.-Adapter Size J350
Part of 239-2693-Page789
An Attachment



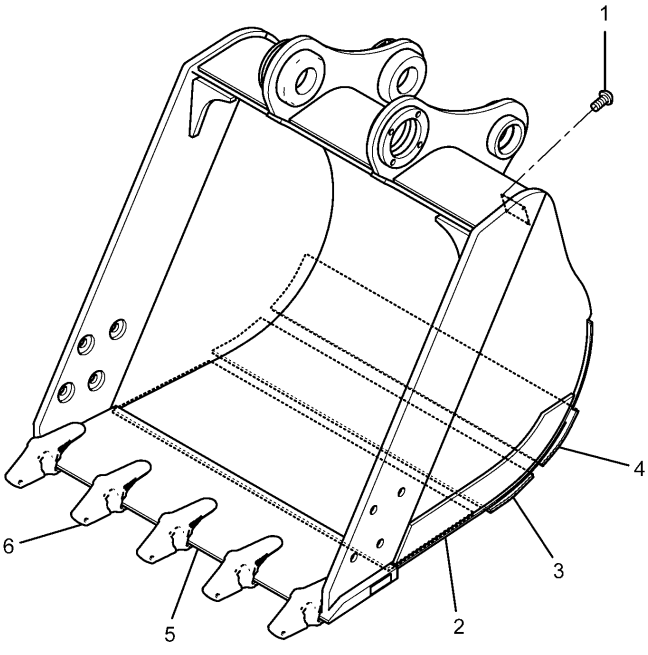
NOTE	No.	PART No.	QTY	PART NAME
B	1	4B-4158	4	SCREW
	2	255-0418	1	PLATE
	3	255-0419	1	PLATE
	4	255-0424	1	PLATE
	5	239-2659	1	EDGE AS
	6	220-9084	5	ADAPTER

B—USE AS REQUIRED

H89906E 02

239-2575 BUCKET AS-EXCAVATION

B Family
1000MM Wide--0.8Cu.M.-Adapter Size K80
Part of 239-2574-Page790
An Attachment



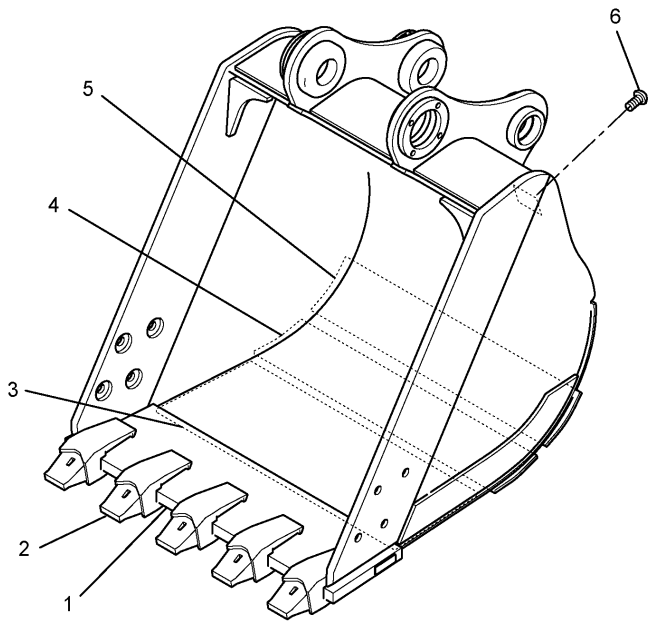
NOTE	No.	PART No.	QTY	PART NAME
B	1	4B-4158	4	SCREW
	2	255-0420	1	PLATE
	3	255-0421	1	PLATE
	4	255-0425	1	PLATE
	5	239-2599	1	EDGE AS
	6	220-9084	5	ADAPTER

B—USE AS REQUIRED

H89915E 02

239-2578 BUCKET AS-EXCAVATION

B Family
1120MM Wide--0.9Cu.M.-Adapter Size K80
Part of 239-2577-Page790
An Attachment



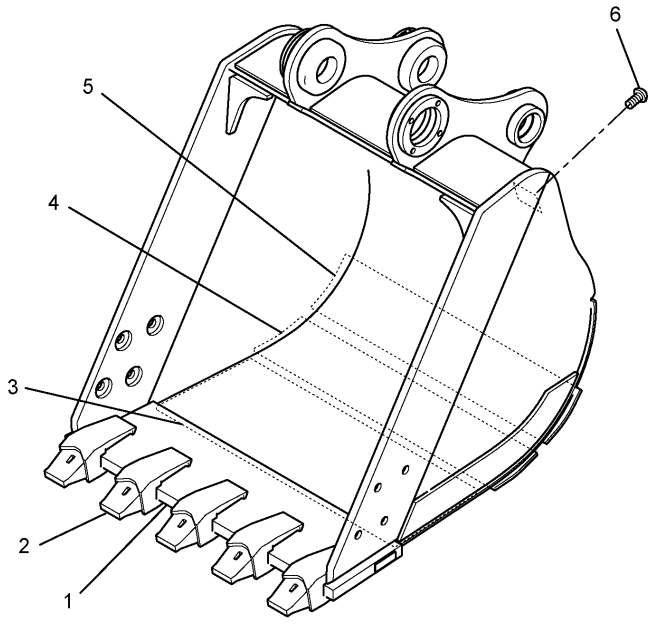
NOTE	No.	PART No.	QTY	PART NAME
	1	255-0406	1	EDGE AS
	2	255-0401	5	ADAPTER
	3	255-0418	1	PLATE
	4	255-0419	1	PLATE
	5	255-0424	1	PLATE
B	6	4B-4158	4	SCREW

B—USE AS REQUIRED

H96004E 01

255-0397 BUCKET AS-EXCAVATION

Part of 255-0396-Page791
An Attachment



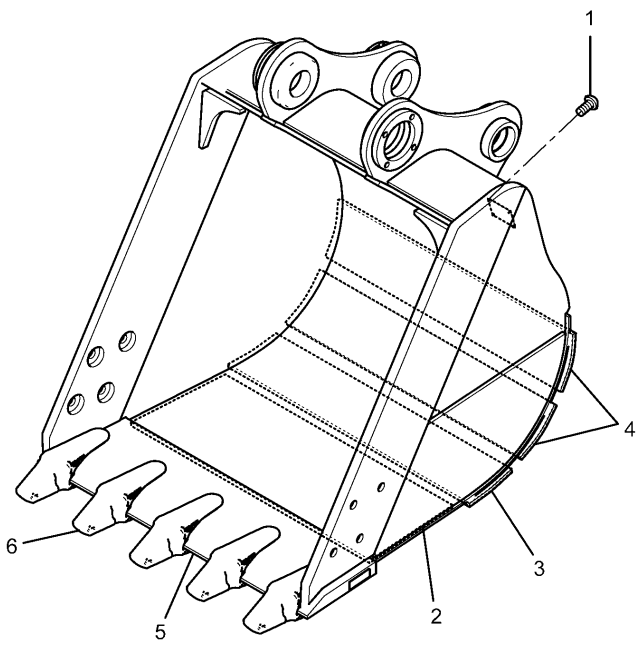
NOTE	No.	PART No.	QTY	PART NAME
	1	255-0414	1	EDGE AS
	2	255-0401	5	ADAPTER
	3	255-0420	1	PLATE
	4	255-0421	1	PLATE
	5	255-0425	1	PLATE
B	6	4B-4158	4	SCREW

B—USE AS REQUIRED

H96005E 01

255-0400 BUCKET AS-EXCAVATION

Part of 255-0399-Page791
An Attachment



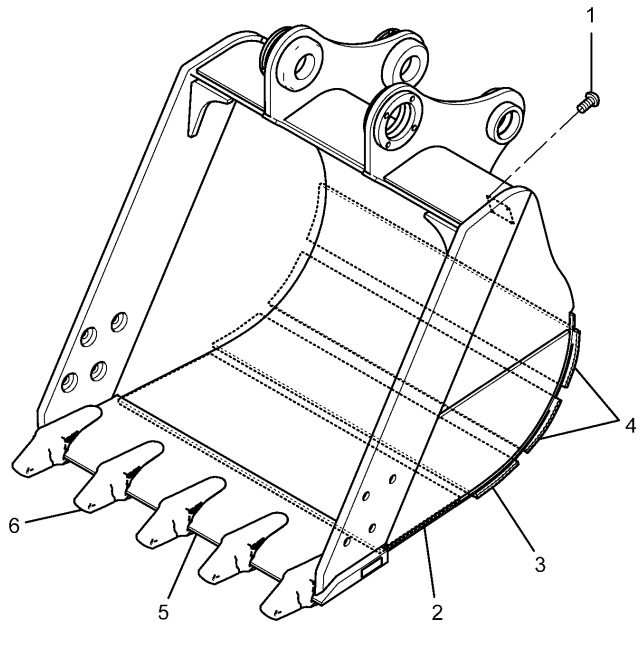
NOTE	No.	PART No.	QTY	PART NAME
B	1	4B-4158	4	SCREW
	2	239-2876	1	PLATE
	3	255-0353	1	PLATE
	4	255-0354	2	PLATE
	5	255-0372	1	EDGE AS
	6	220-9094	5	ADAPTER

B—USE AS REQUIRED

H89926E 00

239-2584 BUCKET AS-EXCAVATION

990MM Wide--0.8Cu.M.-Adapter Size K90
Part of 239-2583-Page792
An Attachment



NOTE	No.	PART No.	QTY	PART NAME
B	1	4B-4158	4	SCREW
	2	255-0386	1	PLATE
	3	255-0387	1	PLATE
	4	255-0388	2	PLATE
	5	255-0385	1	EDGE AS
	6	220-9094	5	ADAPTER

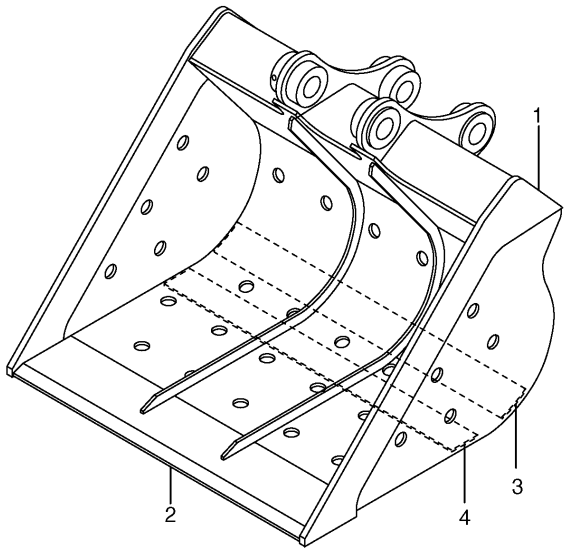
B—USE AS REQUIRED

H89925E 00

239-2587 BUCKET AS-EXCAVATION

1110MM Wide--0.9Cu.M.-Adapter Size K90
Part of 239-2586-Page792
An Attachment

IMPLEMENTS

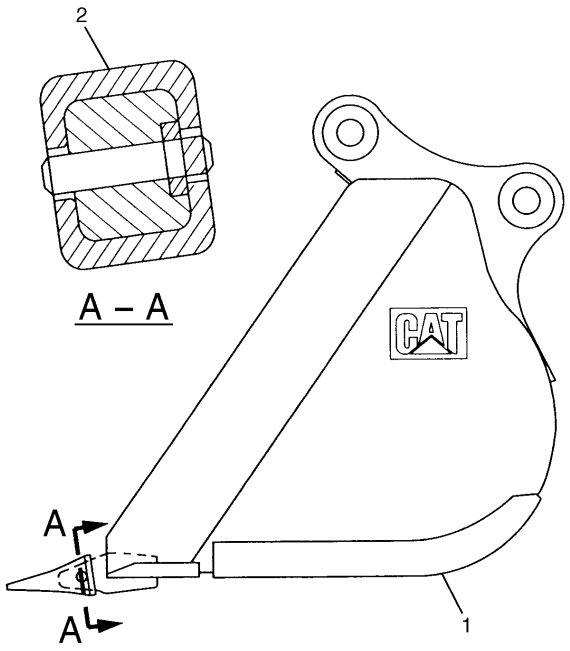


NOTE	No.	PART No.	QTY	PART NAME
	1	121-1809	2	PLATE
	2	7Y-6601	1	EDGE
	3	121-1813	1	PLATE
	4	127-6792	1	PLATE

H54620E 02

121-1807 BUCKET AS-DITCH CLEANING

1140MM Wide—0.6Cu.M.
S/N DFB 1-Up
An Attachment

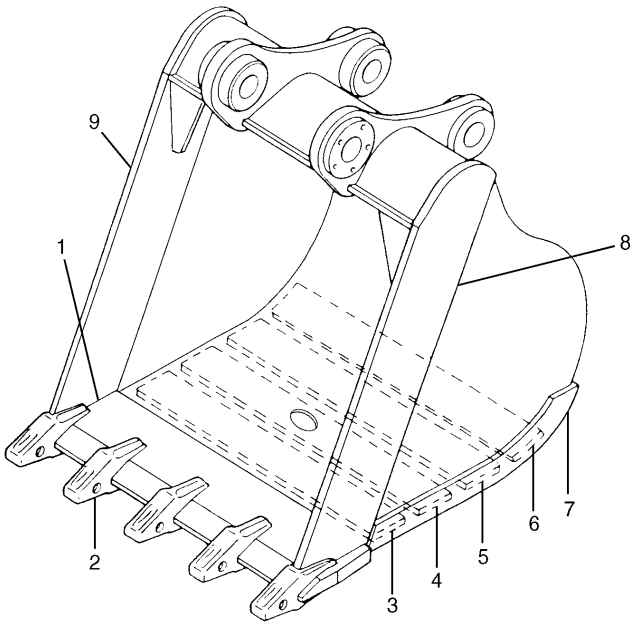


NOTE	No.	PART No.	QTY	PART NAME
Y	1	7Y-6660	1	BUCKET AS
Y	2	9J-3169	5	TIP GP

Y—SEE SEPARATE ILLUSTRATION

H54614E 03

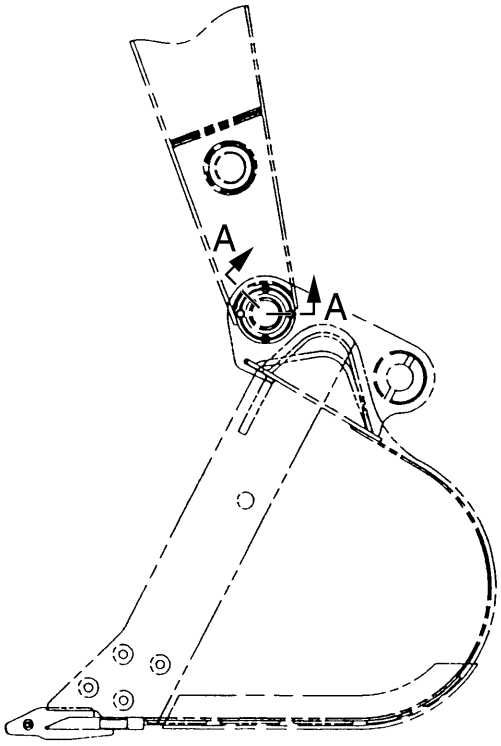
7Y-6402 BUCKET GP
General Purpose (0.45 Long Reach)
S/N DFB 1-Up
7Y-6660-Page801,9J-3169-Page813
An Attachment

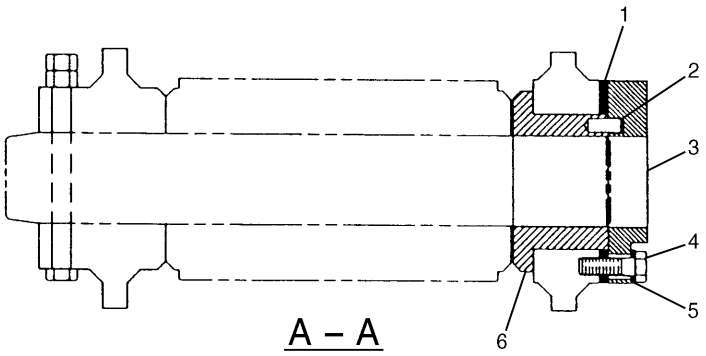


NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-6664	1	EDGE AS
	2	7Y-0254	5	ADAPTER
	3	7Y-6665	1	PLATE
	4	7Y-6666	1	PLATE
	5	7Y-6667	1	PLATE
	6	7Y-6668	1	PLATE
	7	7Y-6673	2	PLATE
	8	7Y-6671	1	PLATE
	9	7Y-6674	1	PLATE

H54615E 02

7Y-6660 BUCKET AS-GENERAL PURPOSE
Long Reach Front
810MM Wide--0.45Cu.M.-Adapter Size J250
S/N DFB 1-Up
Part of 7Y-6402-Page801
An Attachment





A – A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
B	1	086-0321	4	SHIM (T=0.50mm)					
B		086-0322	6	SHIM (T=1.00mm)					
	2	193-5014	1	PIN					
	3	134-8948	1	PLATE					
	4	8T-4193	4	BOLT (L=50mm)					
	5	9X-8257	4	WASHER					
	6	193-5015	1	FLANGE					

B—USE AS REQUIRED

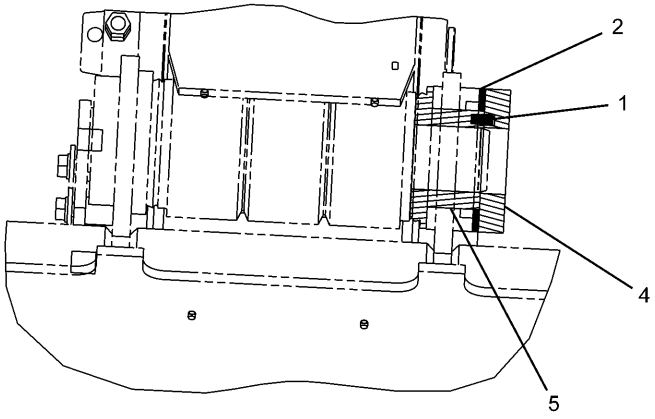
H82941E 05

7Y-2219 ADJUSTER GP-BUCKET

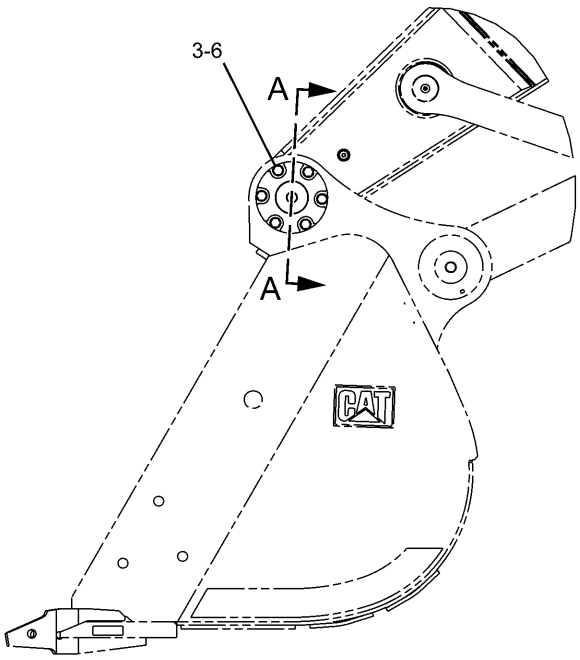
B Family

Part of 239-2684,239-2687-Page786,239-2580-Page787,239-2690,239-2693-Page789,239-2574,239-2577-Page790,255-0396,255-0399-Page791,239-2583,239-2586-Page792

An Attachment



A – A



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	087-5974	1	PIN					
B	2	087-5975	4	SHIM (T=0.50mm)					
B		087-5976	6	SHIM (T=1.00mm)					
	3	9X-8257	6	WASHER					
	4	134-8950	1	PLATE					
	5	250-6417	1	FLANGE					
	6	8T-4193	6	BOLT (L=50mm)					

B—USE AS REQUIRED

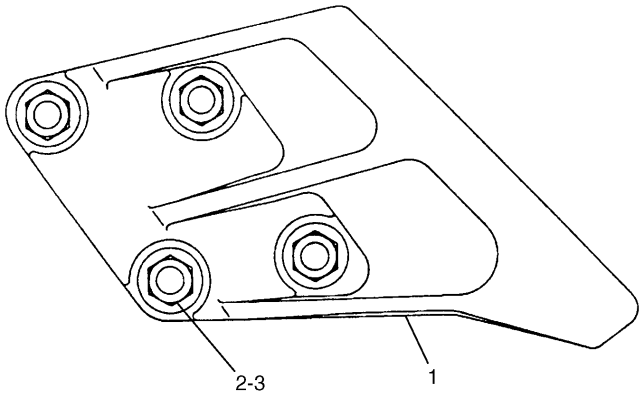
H88907E 00

250-6418 ADJUSTER GP-BUCKET

CB Family

Part of 239-2565,239-2696-Page788

An Attachment



NOTE	No.	PART No.	QTY	PART NAME
	1	096-4747	1	SIDECUTTER (LH)
		096-4748	1	SIDECUTTER (RH)
	2	8T-0380	8	BOLT (L=60mm)
	3	7X-0851	8	NUT

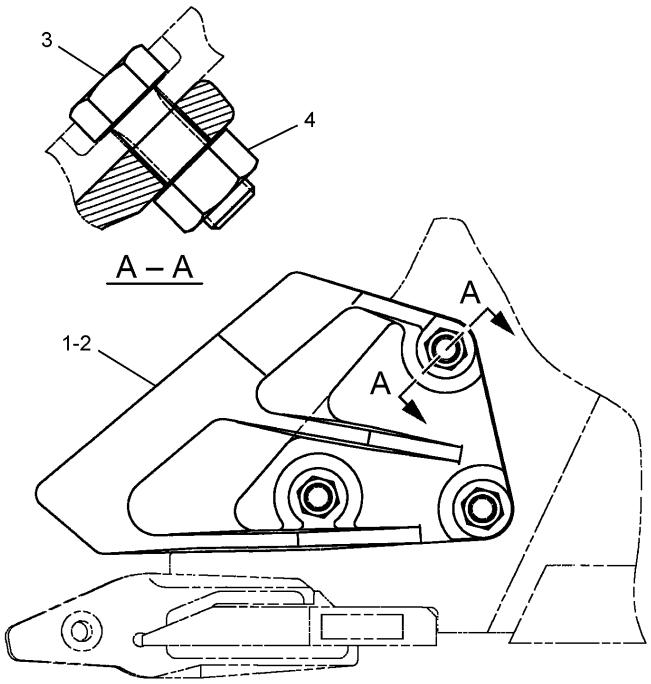
H89739E 05

7Y-0729 SIDECUTTER GP

B Family

Part of 239-2683,239-2686-Page779,239-2579-Page780,239-2689,239-2692-Page782,239-2573,239-2576-Page783,255-0395 ,255-0398-Page784,239-2582,239-2585-Page785

An Attachment



NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-0357	1	SIDECUTTER (RH)
	2	7Y-0358	1	SIDECUTTER (LH)
	3	6I-6371	6	BOLT (L=64mm)
	4	2J-3507	6	NUT

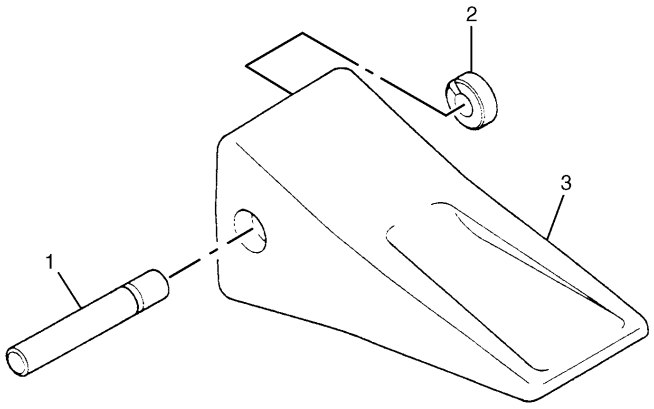
H88894E 05

7Y-0366 SIDECUTTER GP

C Family

Part of 239-2564-Page780,239-2695-Page781

An Attachment

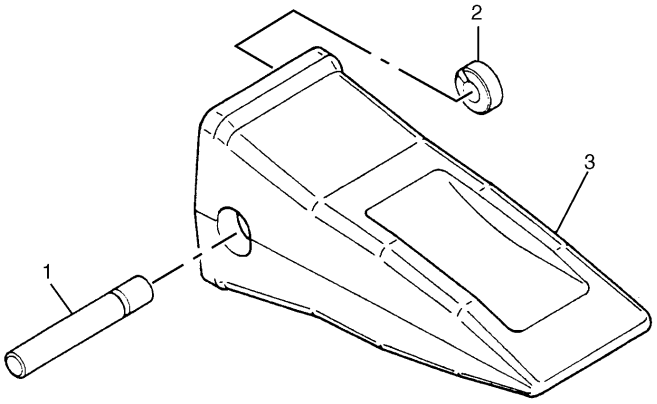


NOTE	No.	PART No.	QTY	PART NAME
	1	107-3308	1	PIN
	2	8E-6259	1	RETAINER AS
	3	1U-3302	1	TIP

H79788E 10

9J-3167 TIP GP-LONG

Adapter Size J300
Part of 239-2683,239-2686-Page779,239-2579-Page780
An Attachment

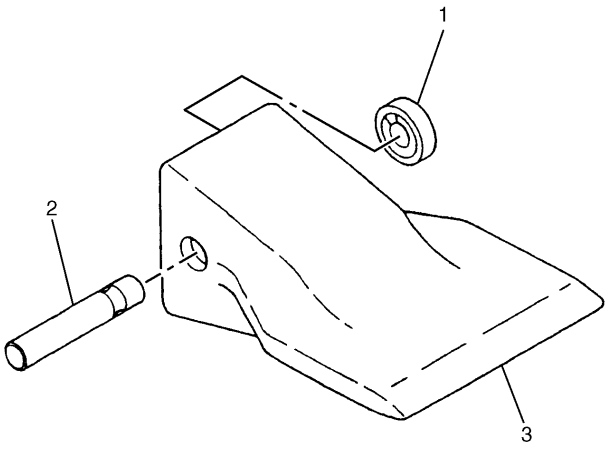


NOTE	No.	PART No.	QTY	PART NAME
	1	107-3308	1	PIN
	2	8E-6259	1	RETAINER AS
	3	9N-4302	1	TIP

H79480E 05

8E-3751 TIP GP-LONG

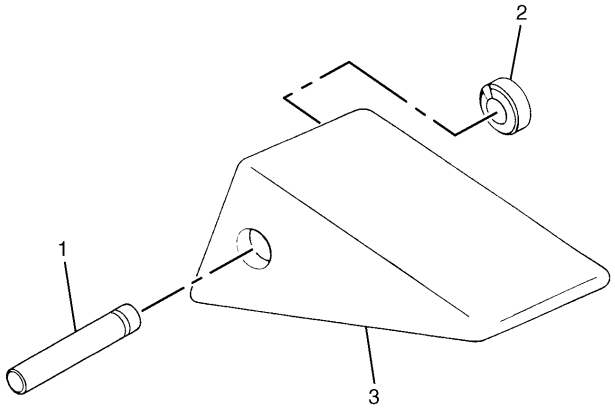
Heavy Duty
Adapter Size J300
An Attachment



NOTE	No.	PART No.	QTY	PART NAME
	1	8E-6259	1	RETAINER AS
	2	107-3308	1	PIN
	3	107-3300	1	TIP

H79479E 06

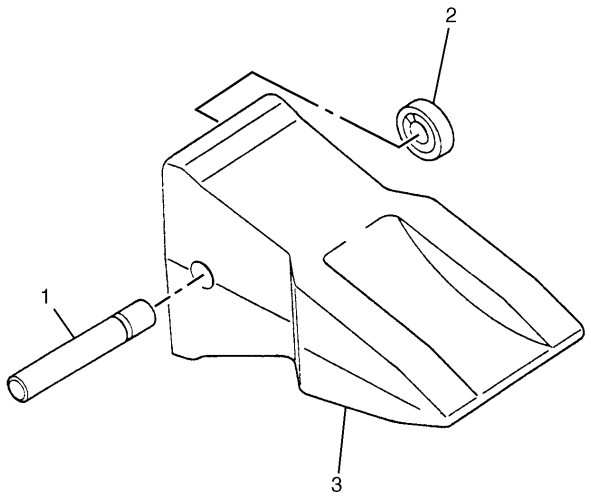
4T-2215 TIP GP-WIDE
Adapter Size J300
An Attachment



NOTE	No.	PART No.	QTY	PART NAME
	1	107-3308	1	PIN
	2	8E-6259	1	RETAINER AS
	3	1U-3301	1	TIP

H79481E 11

9J-3175 TIP GP-SHORT
Adapter Size J300
An Attachment

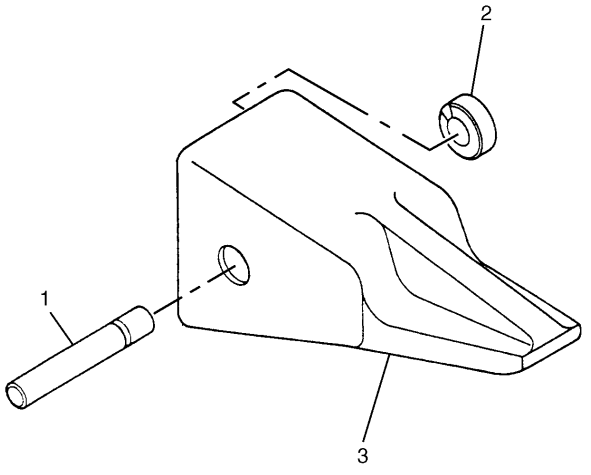


NOTE	No.	PART No.	QTY	PART NAME
	1	107-3308	1	PIN
	2	8E-6259	1	RETAINER AS
	3	9N-4303	1	TIP

H79484E 05

8E-3756 TIP GP-ABRASION

Heavy Duty
Adapter Size J300
An Attachment



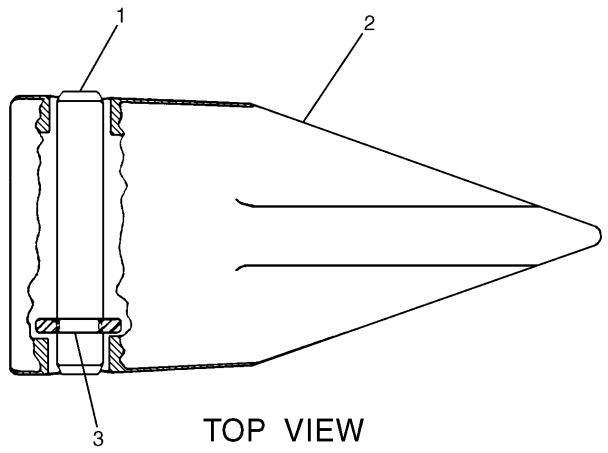
NOTE	No.	PART No.	QTY	PART NAME
	1	107-3308	1	PIN
	2	8E-6259	1	RETAINER AS
	3	9J-4309	1	TIP

H79478E 06

3G-3237 TIP GP-PENETRATION

Adapter Size J300
An Attachment

IMPLEMENTS

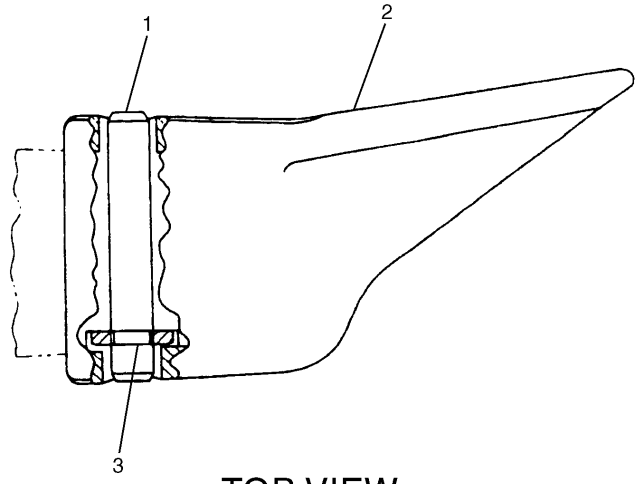


TOP VIEW

NOTE	No.	PART No.	QTY	PART NAME
	1	107-3308	1	PIN
	2	9W-8309	1	TIP
	3	8E-6259	1	RETAINER AS

H79482E 05

9W-9188 TIP GP
Sharp Center
Adapter Size J300
An Attachment

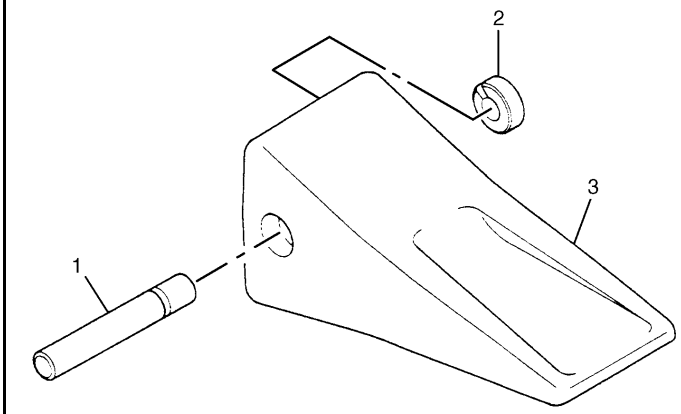


TOP VIEW

NOTE	No.	PART No.	QTY	PART NAME
	1	107-3308	1	PIN
	2	9W-8308	1	TIP
	3	8E-6259	1	RETAINER AS

H79483E 05

9W-9189 TIP GP
Sharp Corner
Adapter Size J300
An Attachment

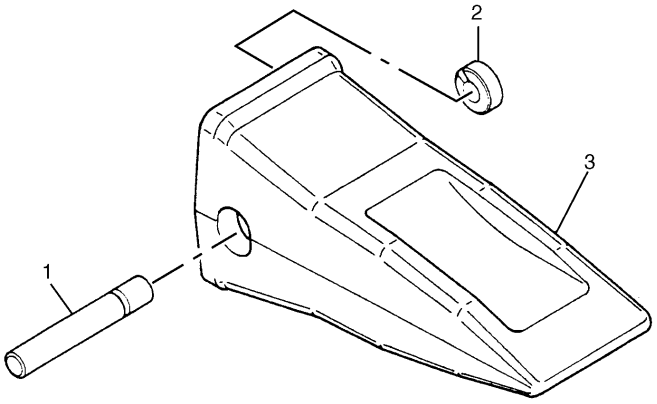


NOTE	No.	PART No.	QTY	PART NAME
	1	114-0358	1	PIN
	2	114-0359	1	RETAINER AS
	3	1U-3352	1	TIP

H53784E 06

8J-4955 TIP GP-LONG

Adapter Size J350
Part of 239-2689,239-2692-Page782
An Attachment

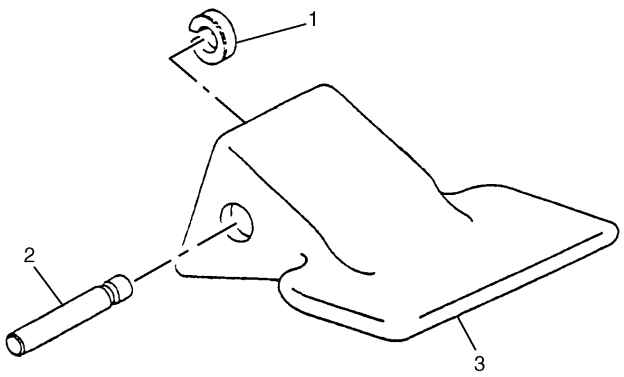


NOTE	No.	PART No.	QTY	PART NAME
	1	114-0358	1	PIN
	2	114-0359	1	RETAINER AS
	3	9N-4352	1	TIP

H53782E 03

8E-3752 TIP GP-LONG

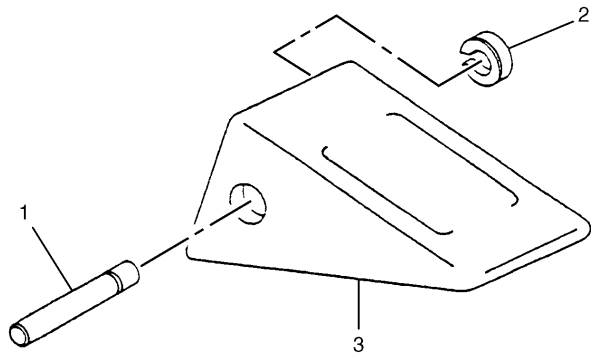
Heavy Duty
Adapter Size J350
An Attachment



NOTE	No.	PART No.	QTY	PART NAME
	1	114-0359	1	RETAINER AS
	2	114-0358	1	PIN
	3	107-3350	1	TIP

H57350E 08

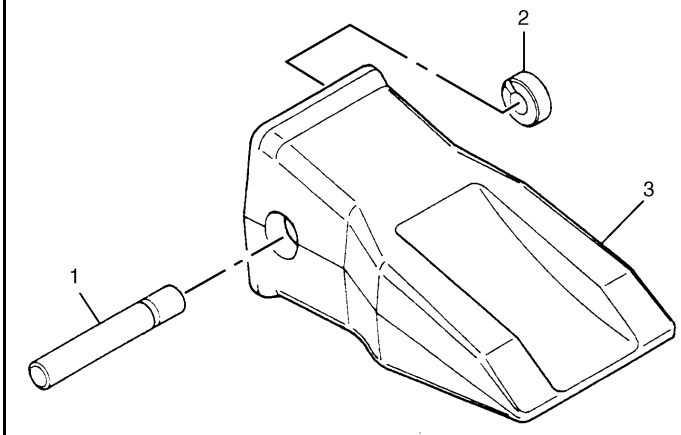
8J-4953 TIP GP-WIDE
Adapter Size J350
An Attachment



NOTE	No.	PART No.	QTY	PART NAME
	1	114-0358	1	PIN
	2	114-0359	1	RETAINER AS
	3	1U-3351	1	TIP

H53551E 07

8J-4954 TIP GP-SHORT
Adapter Size J350
An Attachment

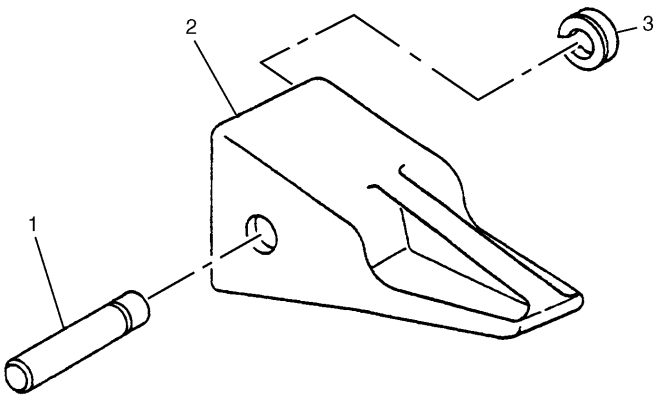


NOTE	No.	PART No.	QTY	PART NAME
	1	114-0358	1	PIN
	2	114-0359	1	RETAINER AS
	3	9N-4353	1	TIP

H53783E 03

8E-3757 TIP GP-ABRASION

Heavy Duty
Adapter Size J350
An Attachment

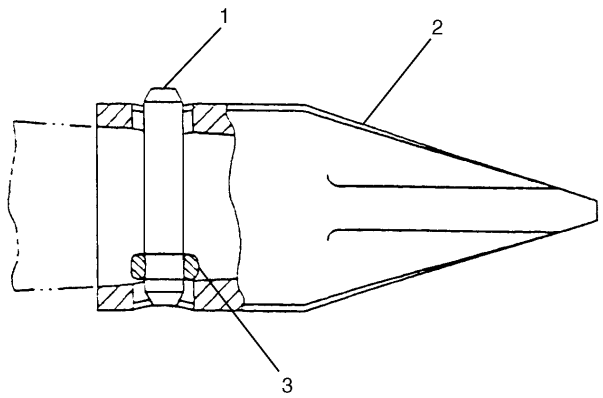


NOTE	No.	PART No.	QTY	PART NAME
	1	114-0358	1	PIN
	2	9J-4359	1	TIP
	3	114-0359	1	RETAINER AS

H53771E 05

3G-3236 TIP GP-PENETRATION

Adapter Size J350
An Attachment

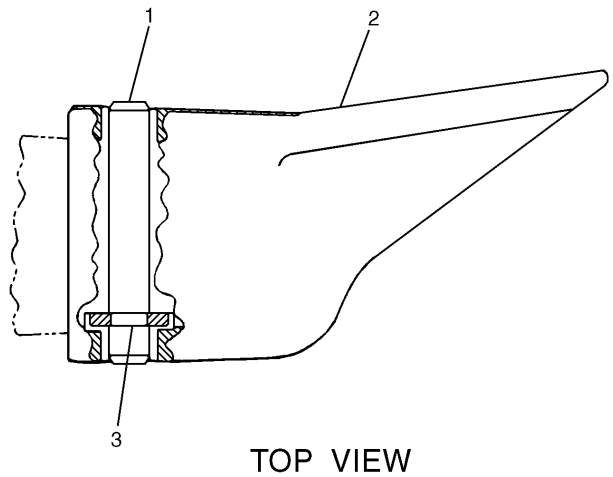


TOP VIEW

NOTE	No.	PART No.	QTY	PART NAME
	1	114-0358	1	PIN
	2	9W-2359	1	TIP
	3	114-0359	1	RETAINER AS

H53785E 03

9W-6472 TIP GP
Sharp Center
Adapter Size J350
An Attachment

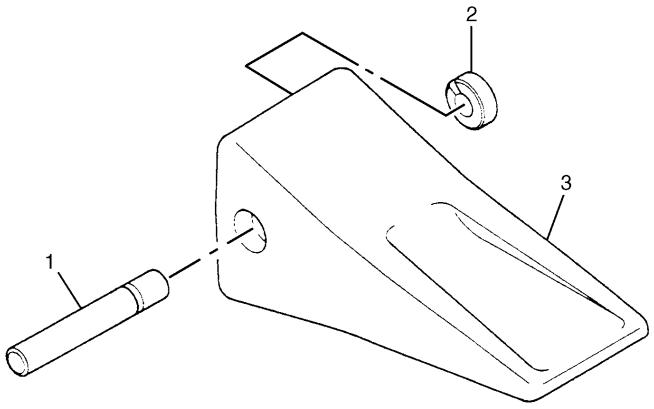


TOP VIEW

NOTE	No.	PART No.	QTY	PART NAME
	1	114-0358	1	PIN
	2	9W-2358	1	TIP
	3	114-0359	1	RETAINER AS

H53786E 03

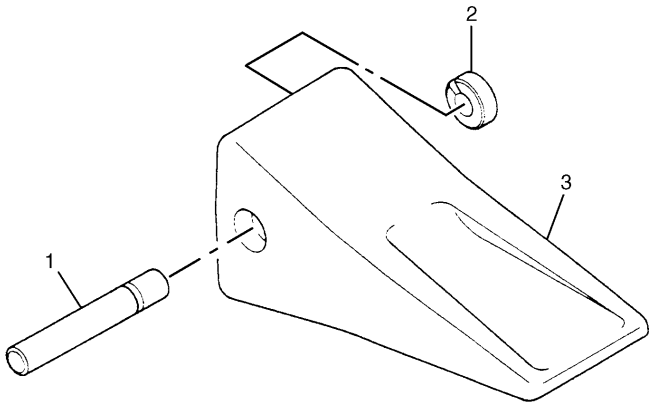
9W-6473 TIP GP
Sharp Corner
Adapter Size J350
An Attachment



NOTE	No.	PART No.	QTY	PART NAME
	1	116-7408	1	PIN
	2	116-7409	1	RETAINER AS
	3	7T-3402	1	TIP

H65611E 00

127-0716 TIP GP-LONG
Adapter Size J400
Part of 239-2564-Page780,239-2695-Page781
An Attachment

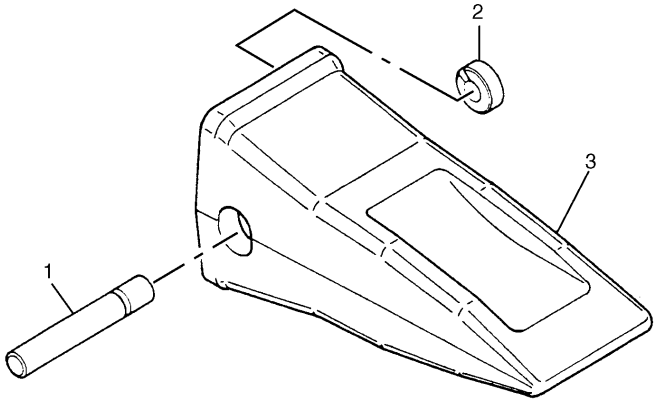


NOTE	No.	PART No.	QTY	PART NAME
	1	8E-6258	1	PIN
	2	8E-6259	1	RETAINER AS
	3	1U-3252	1	TIP

H78935E 06

9J-3169 TIP GP-LONG
Adapter Size J250
S/N DFB 1-Up
Part of 7Y-6402-Page801
An Attachment

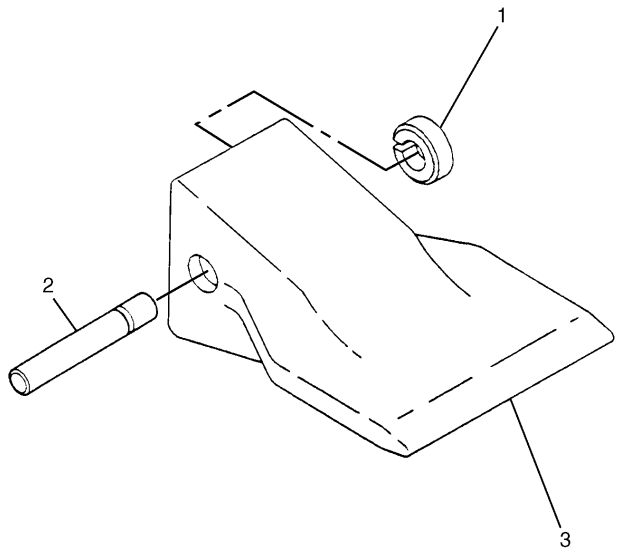
IMPLEMENTS



NOTE	No.	PART No.	QTY	PART NAME
	1	116-7408	1	PIN
	2	116-7409	1	RETAINER AS
	3	8E-4402	1	TIP

H53774E 01

6Y-5472 TIP GP-LONG
Heavy Duty
Adapter Size J400
An Attachment

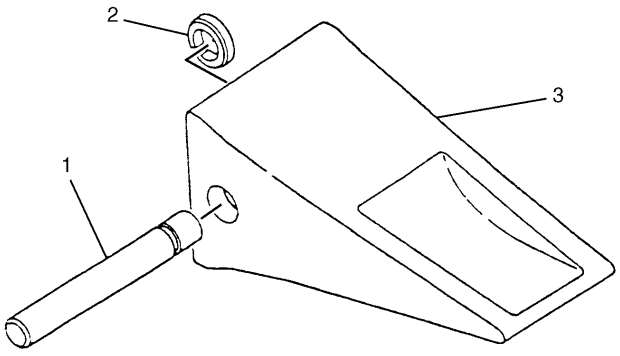


NOTE	No.	PART No.	QTY	PART NAME
	1	116-7409	1	RETAINER AS
	2	116-7408	1	PIN
	3	107-3400	1	TIP

H58870E 04

8E-0836 TIP GP-WIDE
Adapter Size J400
An Attachment

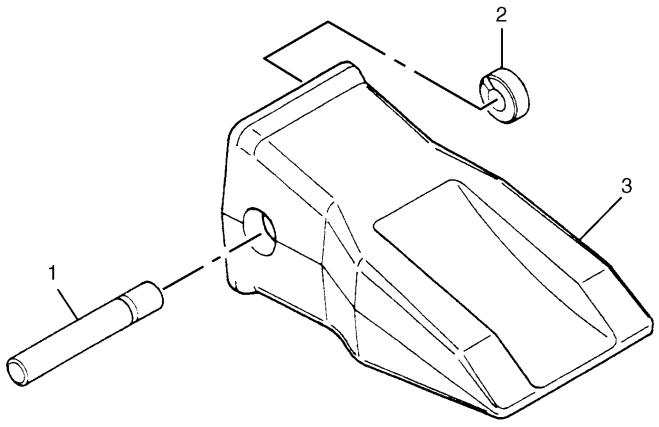
IMPLEMENTS



NOTE	No.	PART No.	QTY	PART NAME
	1	116-7408	1	PIN
	2	116-7409	1	RETAINER AS
	3	7T-3401	1	TIP

H65610E 00

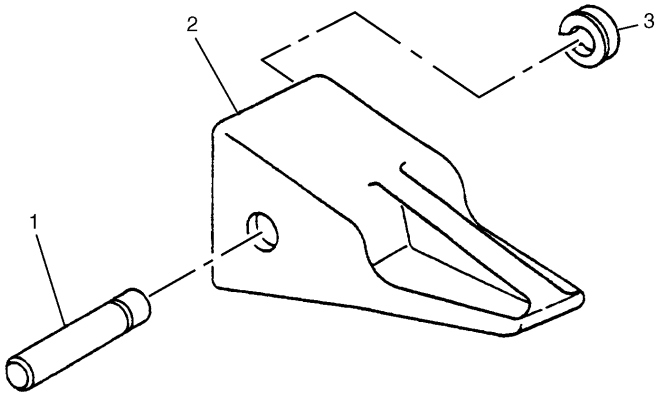
127-0715 TIP GP-SHORT
Adapter Size J400
An Attachment



NOTE	No.	PART No.	QTY	PART NAME
	1	116-7408	1	PIN
	2	116-7409	1	RETAINER AS
	3	7T-3403	1	TIP

H53778E 03

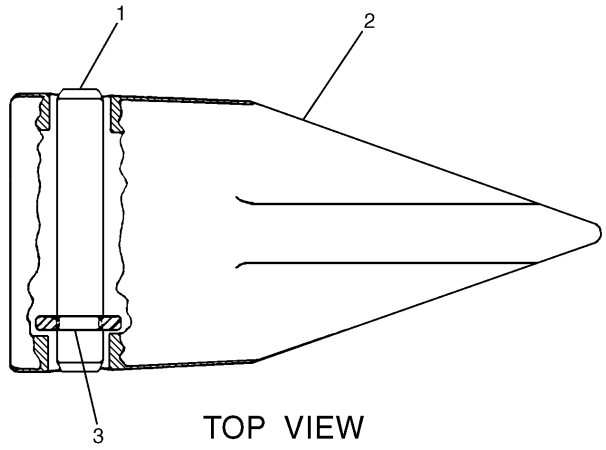
8E-0837 TIP GP-ABRASION
Heavy Duty
Adapter Size J400
An Attachment



NOTE	No.	PART No.	QTY	PART NAME
	1	116-7408	1	PIN
	2	6Y-7409	1	TIP
	3	116-7409	1	RETAINER AS

H53779E 03

8E-0838 TIP GP-PENETRATION
Adapter Size J400
An Attachment

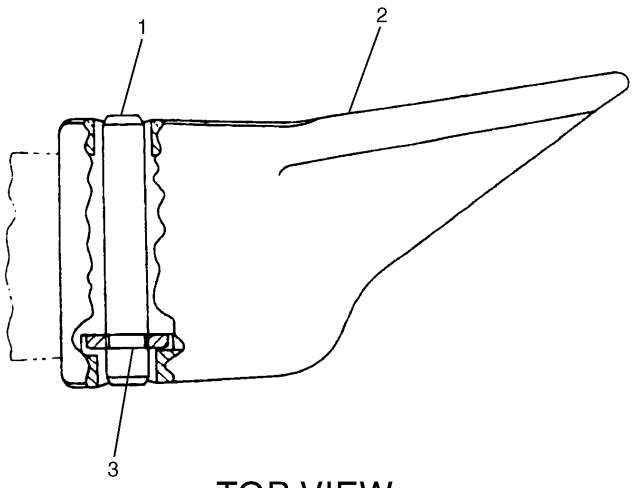


NOTE	No.	PART No.	QTY	PART NAME
	1	116-7408	1	PIN
	2	6Y-5409	1	TIP
	3	116-7409	1	RETAINER AS

H53781E 03

8E-0840 TIP GP
Sharp Center
Adapter Size J400
An Attachment

IMPLEMENTS

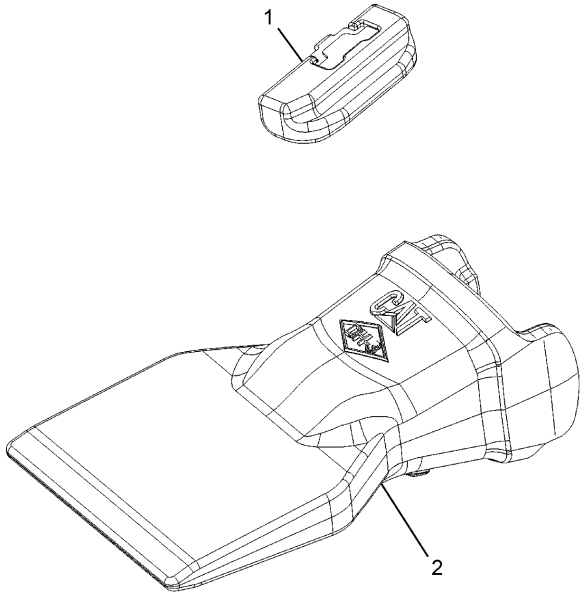


TOP VIEW

NOTE	No.	PART No.	QTY	PART NAME
	1	116-7408	1	PIN
	2	6Y-5408	1	TIP
	3	116-7409	1	RETAINER AS

H53780E 03

8E-0839 TIP GP
Sharp Corner
Adapter Size J400
An Attachment

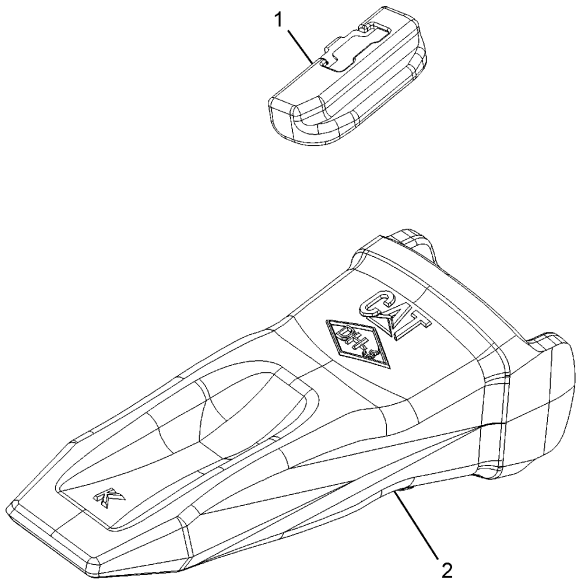


NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	222-1080	1	TIP

H89931E 00

229-6963 TIP GP-WIDE
Adapter Size K80
An Attachment

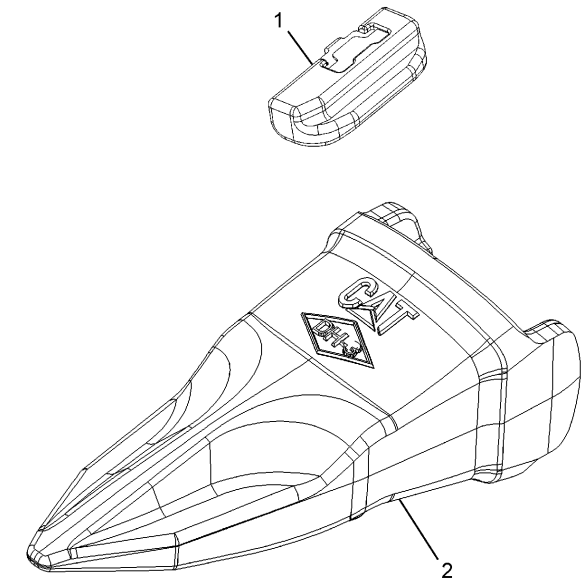
IMPLEMENTS



NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	220-9081	1	TIP

H89930E 00

229-6964 TIP GP
Adapter Size K80
An Attachment

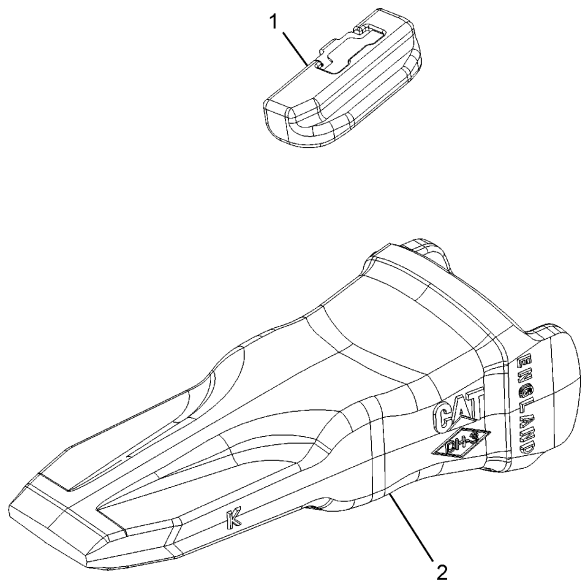


NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	220-9082	1	TIP

H89932E 00

229-6965 TIP GP-PENETRATION
Adapter Size K80
An Attachment

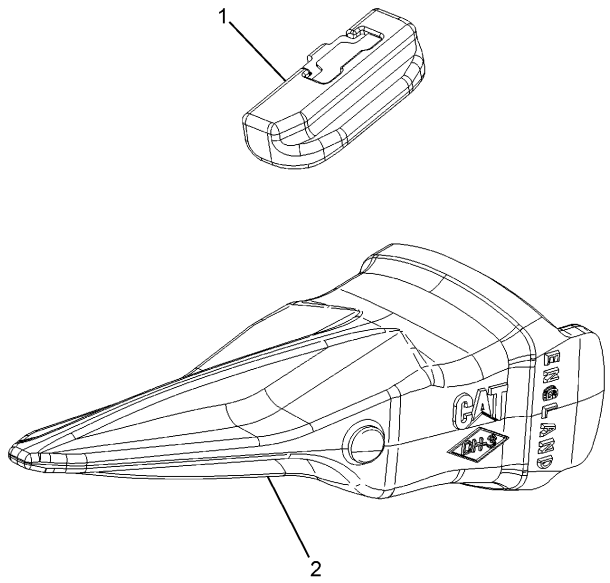
IMPLEMENTS



NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	220-9083	1	TIP

H89924E 00

229-6966 TIP GP
Adapter Size K80
An Attachment

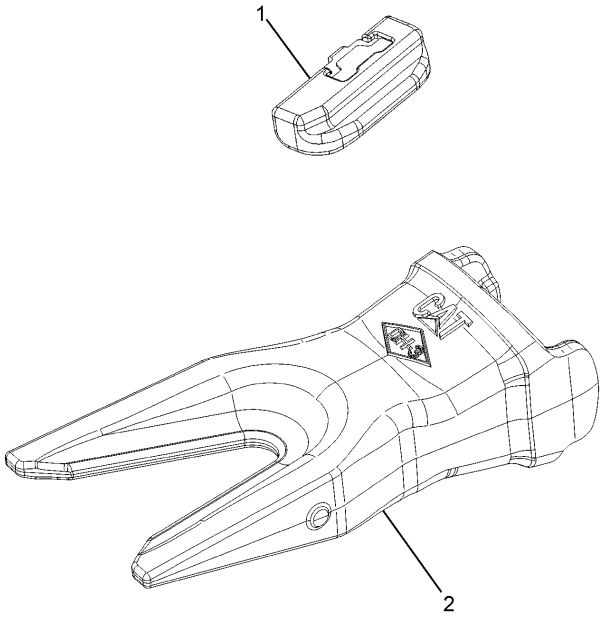


NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	220-9087	1	TIP

H93522E 00

229-6967 TIP GP
Adapter Size K80
An Attachment

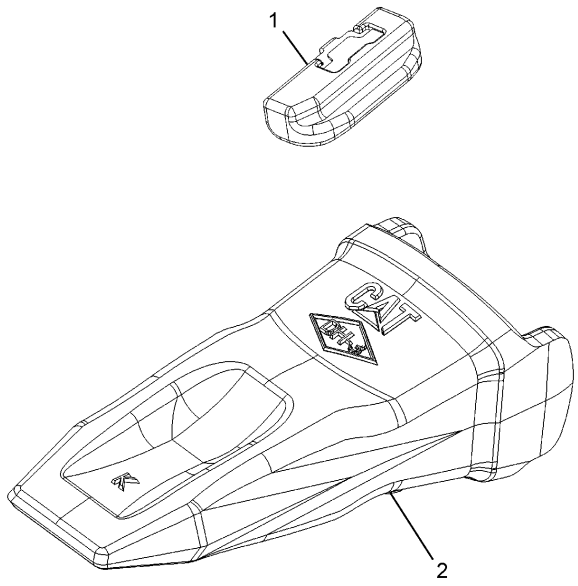
IMPLEMENTS



NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	220-9088	1	TIP

H93523E 00

229-6968 TIP GP
Adapter Size K80
An Attachment

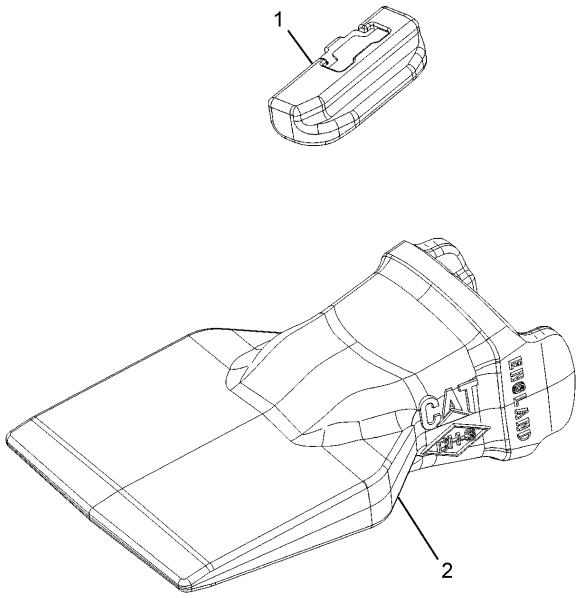


NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	220-9089	1	TIP

H89927E 00

229-6969 TIP GP
Adapter Size K80
Part of 239-2573,239-2576-Page783
An Attachment

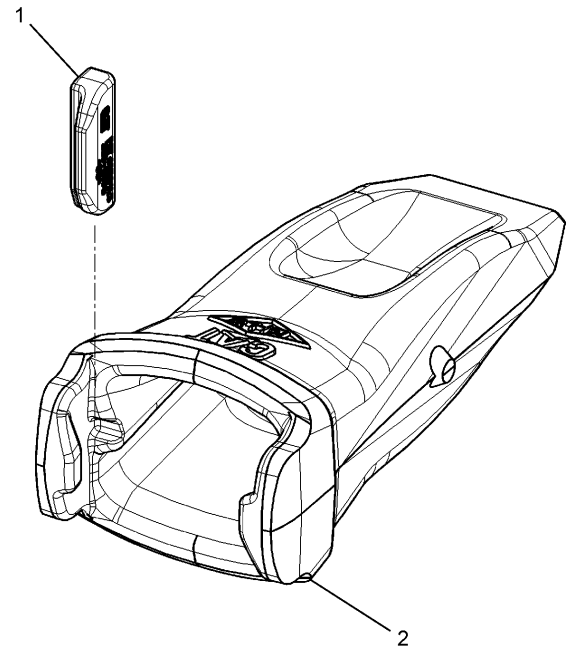
IMPLEMENTS



NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	222-1090	1	TIP

H89921E 00

217-4890 TIP GP-WIDE
Adapter Size K90
An Attachment

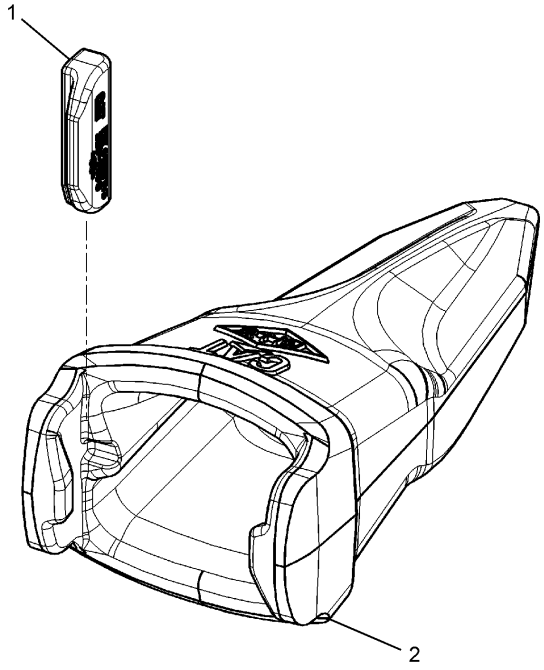


NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	220-9091	1	TIP

H89912E 01

217-4891 TIP GP
Adapter Size K90
An Attachment

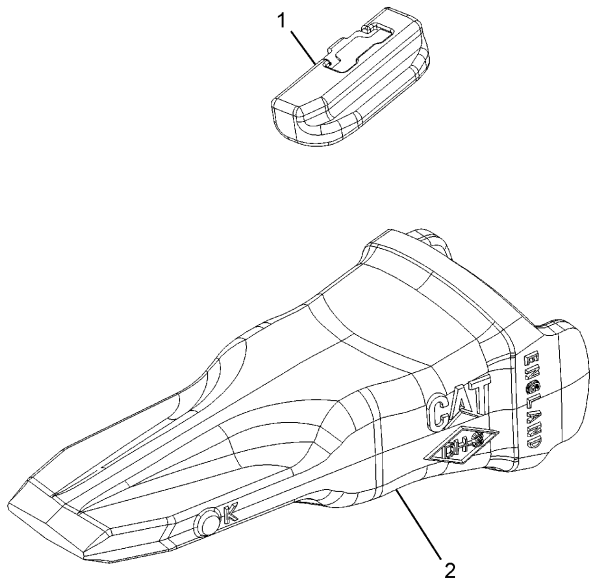
IMPLEMENTS



NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	220-9092	1	TIP

H89911E 01

217-4892 TIP GP-PENETRATION
Adapter Size K90
An Attachment

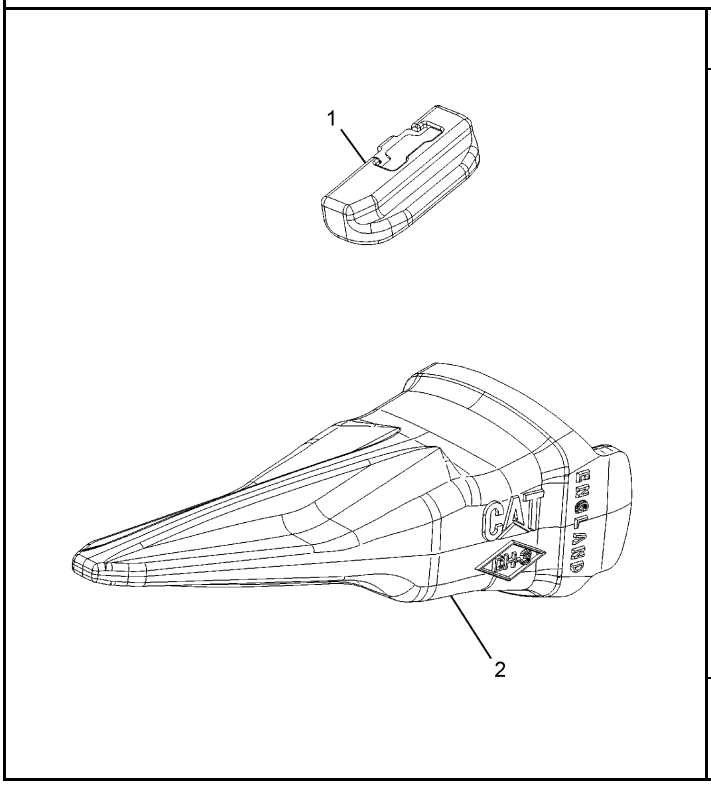


NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	220-9093	1	TIP

H89916E 00

217-4893 TIP GP
Adapter Size K90
An Attachment

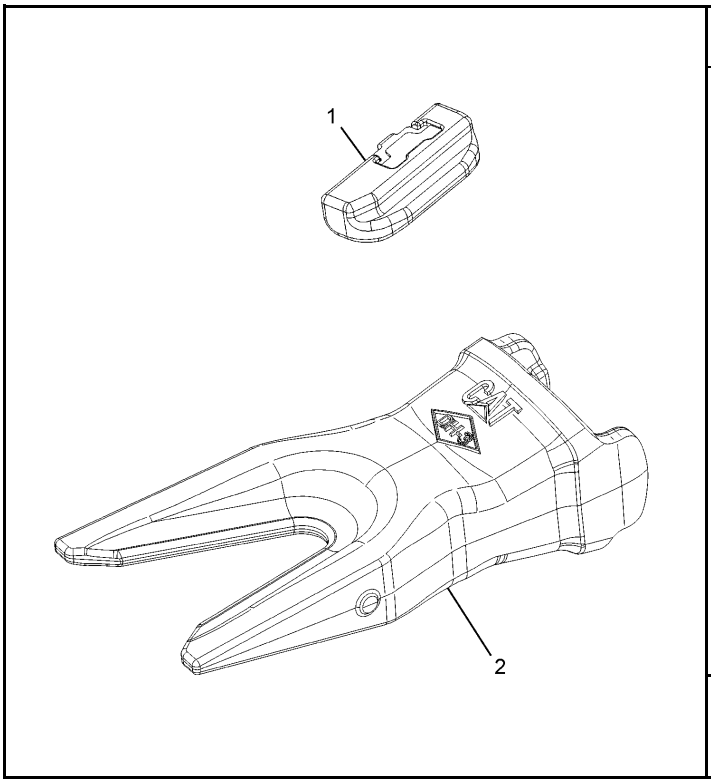
IMPLEMENTS



NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	220-9097	1	TIP

H89917E 00

217-4894 TIP GP
Adapter Size K90
An Attachment

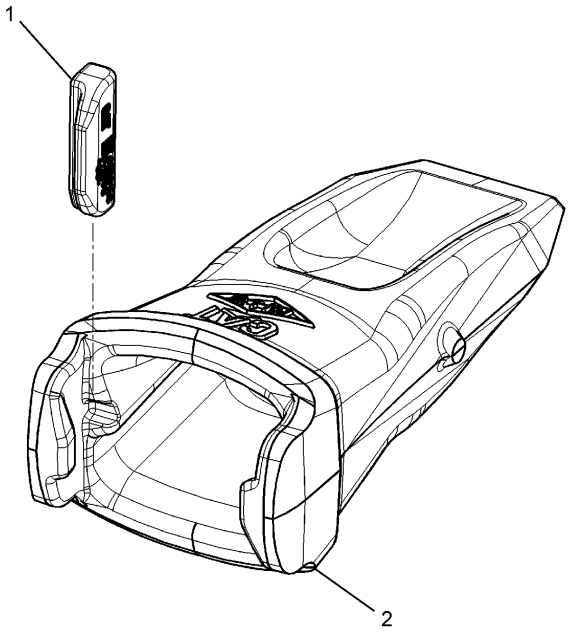


NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	220-9098	1	TIP

H89919E 00

217-4895 TIP GP
Adapter Size K90
An Attachment

IMPLEMENTS



NOTE	No.	PART No.	QTY	PART NAME
	1	220-9090	1	RETAINER
	2	220-9099	1	TIP

H89914E 01

217-4896 TIP GP

Adapter Size K90

Part of 239-2582,239-2585-Page785

An Attachment

SERVICE EQUIPMENT AND SUPPLIES

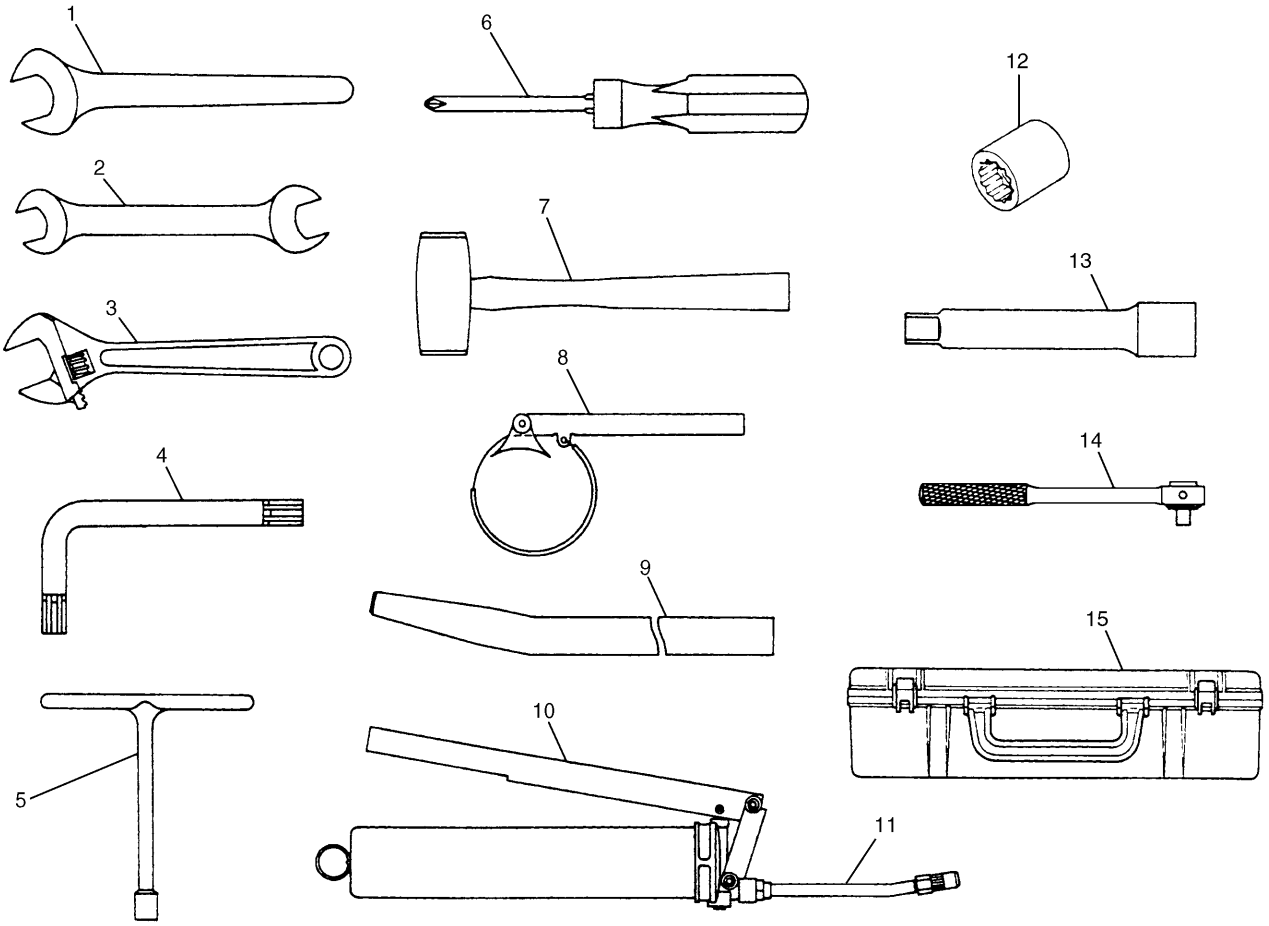
Consists of :

			Page
1	7I-0800	MOUNTING GP-GREASE GUN	255
1	176-2677	TOOL GP	826

H67456E 00

176-2676 TOOL AR
An Attachment

SERVICE EQUIPMENT AND SUPPLIES



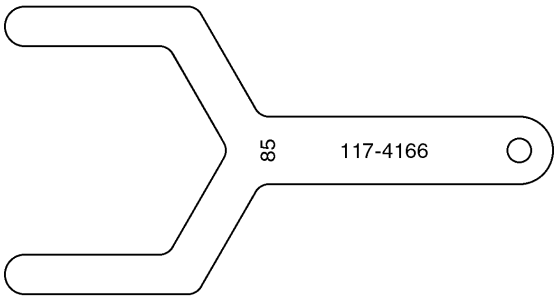
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	095-1056	1	WRENCH (36MM)		12	095-1066	1	SOCKET (13MM)
		095-1057	1	WRENCH (41MM)			099-3249	1	SOCKET (18MM)
	2	099-3246	1	WRENCH (21MM × 24MM)			095-1070	1	SOCKET (22MM)
	3	7I-6395	1	WRENCH (200MM)		13	099-3250	1	EXTENSION
	4	4I-2604	1	WRENCH (6MM)		14	095-1852	1	RATCHET
		4I-2605	1	WRENCH (10MM)		15	7Y-0070	1	TOOLBOX
	5	7Y-6108	1	WRENCH (11MM)					
	6	095-1855	1	SCREWDRIVER					
	7	095-1857	1	HAMMER					
	8	2P-8250	1	WRENCH AS					
		1P-0551	1	PIN					
		2P-8253	1	STRAP					
		6H-7378	1	RING					
	9	093-7638	1	BAR					
	10	099-7464	1	GREASE GUN					
	11	199-7371	1	TUBE AS					
A		4Y-0426	1	GREASE (BELLOWS)					
A		3Y-7597	1	GREASE (FOR WINTER TIME)					
A		1P-0808	1	GREASE (PAPER TUBE)					

A—NOT PART OF THIS GROUP

H81149E 01

176-2677 TOOL GP
Part of 176-2676-Page825
An Attachment

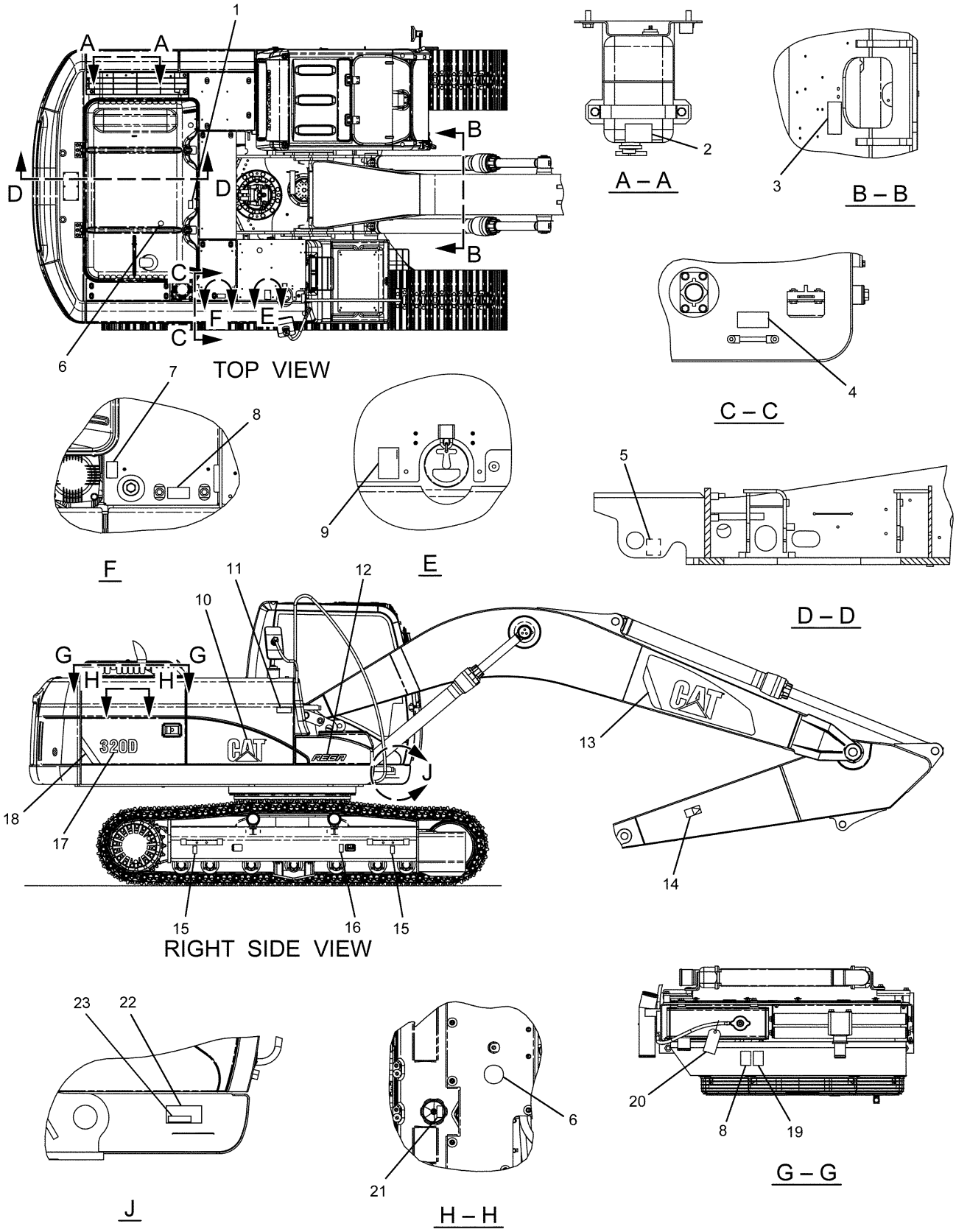
SERVICE EQUIPMENT AND SUPPLIES



NOTE	No.	PART No.	QTY	PART NAME

H67956E 00

117-4166 WRENCH
An Attachment



HA1445E 15

275-3681 PLATE & FILM GP (1/3)
S/N BWZ 1-(T08.08), SNS 1-(T08.08)

SERVICE EQUIPMENT AND SUPPLIES

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	228-7316	2	FILM (WARNING)					
	2	134-7258	1	FILM (ELC)					
	3	264-8502	1	FILM (NOTICE)					
	4	242-1510	1	FILM (INSTRUCTION)					
	5	7X-7644	2	FILM (TIE DOWN)					
	6	167-7270	2	FILM (NO STEP)					
	7	186-1131	1	FILM					
	8	160-6822	2	FILM (WARNING)					
	9	291-9334	1	FILM (DIESEL FUEL)					
	10	290-1729	1	FILM (CAT)					
	11	253-0861	1	FILM (CAT POWER))					
	12	186-1147	1	FILM (REGA)					
	13	290-1727	1	FILM (CAT)					
	14	160-6853	1	FILM (DANGER)					
	15	1P-2807	2	FILM (LIFT)					
	16	160-6832	1	FILM (WARNING)					
	17	290-1742	1	FILM (320D)					
E	18	290-1906		FILM (STRIPE)…(90cm)					
	19	160-6841	1	FILM (WARNING)					
	20	235-0346	1	TAG (ELC)					
	21	144-9126	1	FILM (INSTRUCTION)					
Z	22		1	PLATE (PIN)					
	23	298-4157	1	PLATE (IDENT)					

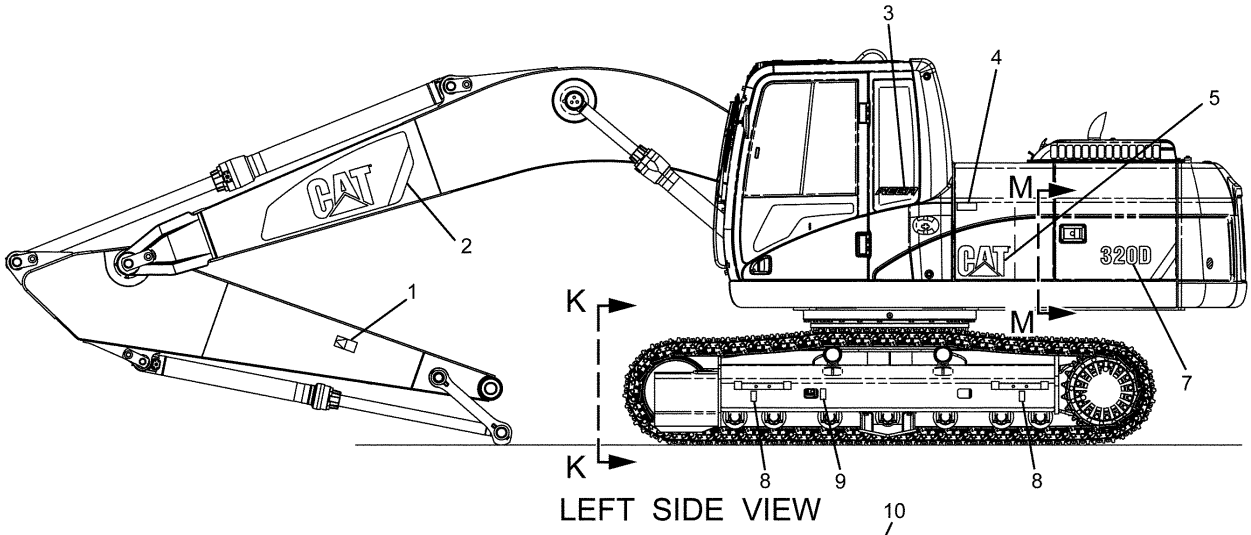
E—ORDER BY THE CENTIMETER

Z—NOT SERVICED

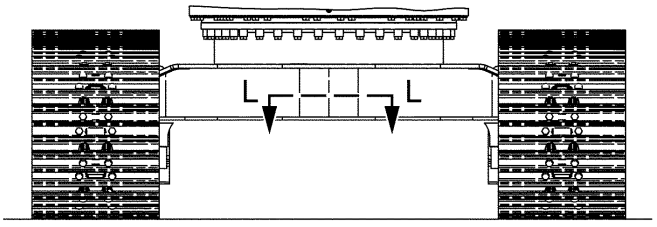
HA1445E 15

275-3681 PLATE & FILM GP (1/3)

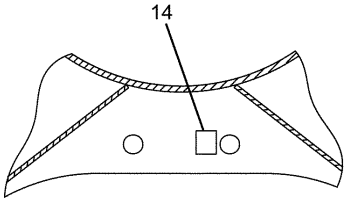
S/N BWZ 1-(T08.08), SNS 1-(T08.08)



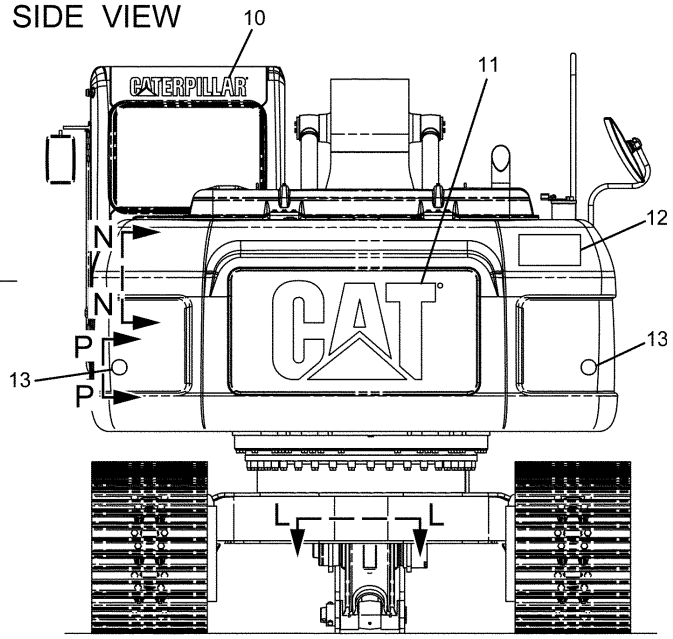
LEFT SIDE VIEW



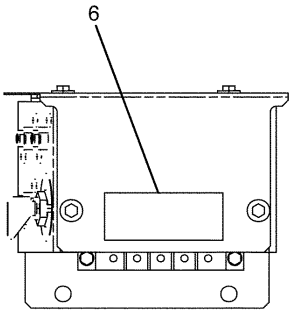
K – K



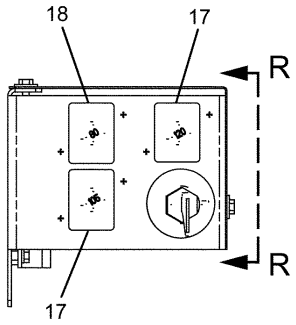
L – L



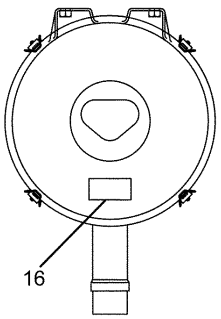
REAR VIEW



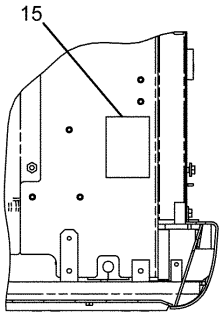
R – R



P – P



N – N



M – M

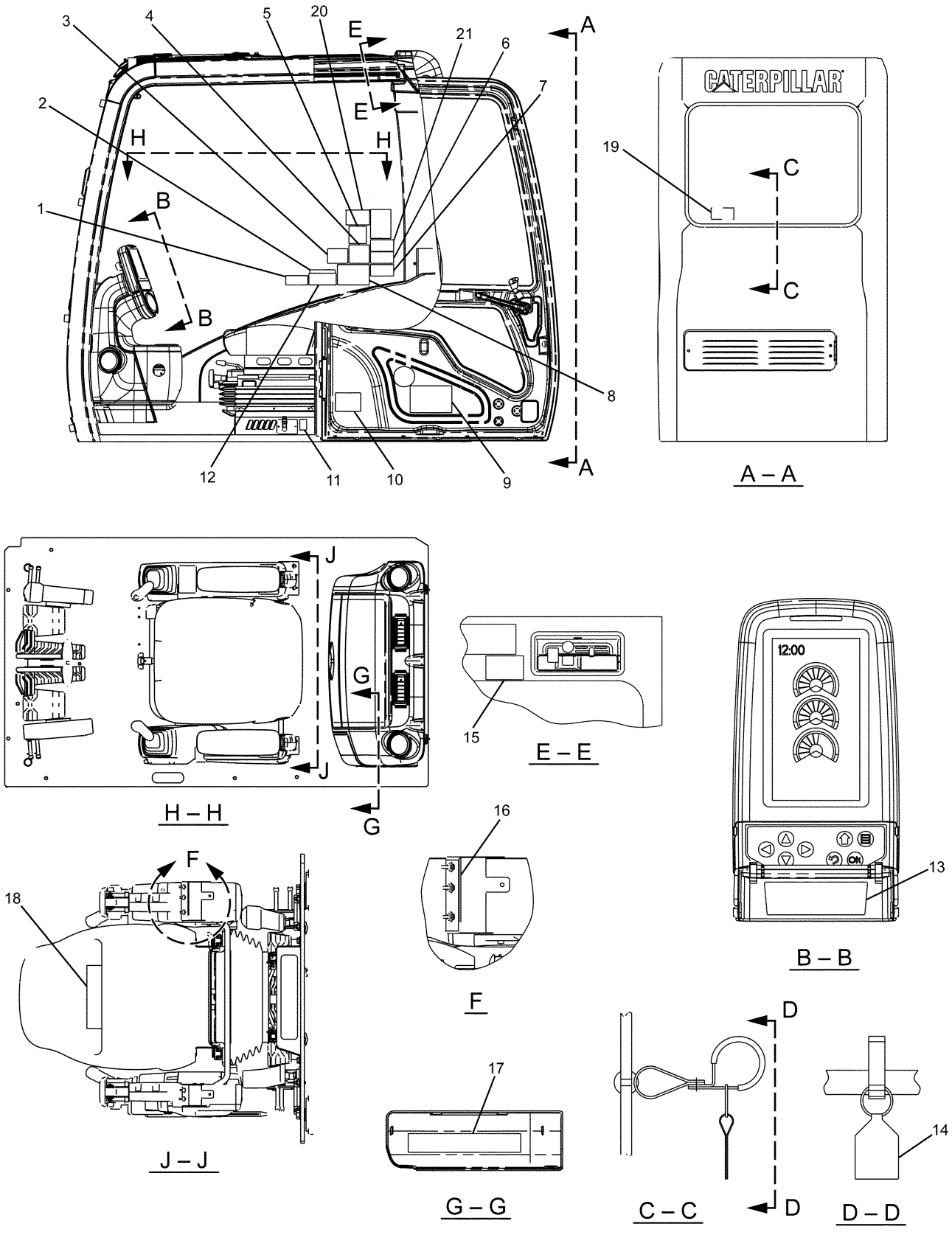
HA1446E 15

275-3681 PLATE & FILM GP (2/3)
S/N BWZ 1-(T08.08), SNS 1-(T08.08)

SERVICE EQUIPMENT AND SUPPLIES

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	160-6853	1	FILM (DANGER)					
	2	290-1728	1	FILM (CAT)					
	3	257-4503	1	FILM (REGA)					
	4	253-0861	1	FILM (CAT POWER))					
	5	290-1729	1	FILM (CAT)					
	6	7I-6508	1	FILM (NOTICE)					
	7	290-1742	1	FILM (320D)					
	8	1P-2807	2	FILM (LIFT)					
	9	160-6832	1	FILM (WARNING)					
	10	257-4502	1	FILM (CAT)					
	11	247-7436	1	FILM (CAT)					
	12	160-6884	1	FILM (DANGER)					
	13	190-5386	2	FILM (SAFETY)					
	14	7X-7644	2	FILM (TIE DOWN)					
	15	3Y-8905	1	FILM (WARNING)					
	16	224-8946	1	FILM (WARNING)					
	17	247-7438	2	FILM (CIRCUIT BREAKER)					
	18	247-7437	1	FILM (CIRCUIT BREAKER)					

275-3681 PLATE & FILM GP (2/3)
S/N BWZ 1-(T08.08), SNS 1-(T08.08)

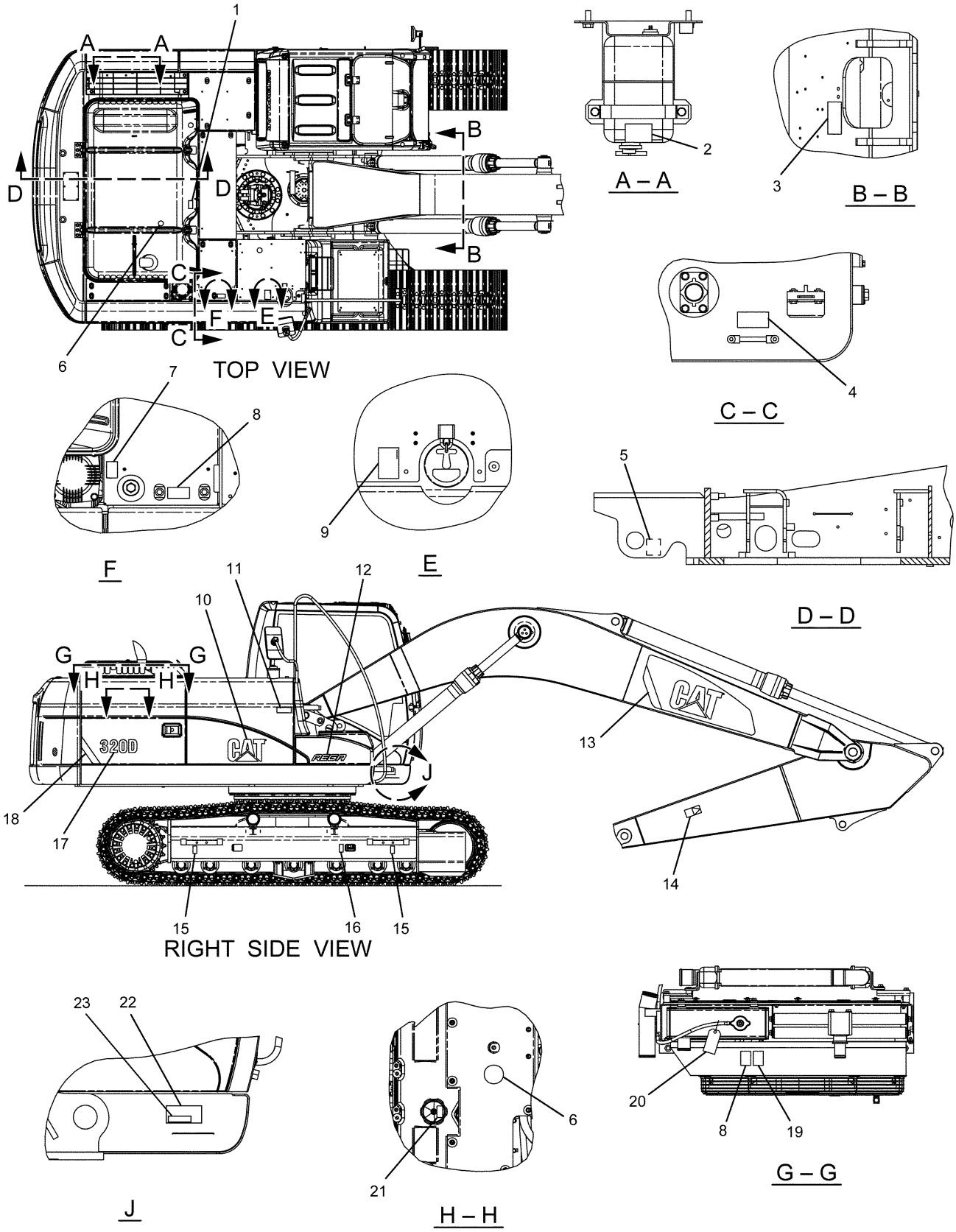


275-3681 PLATE & FILM GP (3/3)
S/N BWZ 1-(T08.08), SNS 1-(T08.08)

SERVICE EQUIPMENT AND SUPPLIES

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	186-1214	1	FILM (NOTICE)					
	2	71-1533	1	PLATE (INSTRUCTION)					
	3	127-5272	1	FILM (WARNING)					
	4	127-5295	1	FILM (WARNING)					
	5	219-3148	1	FILM (NOTICE)					
	6	266-5431	1	FILM (WARNING)					
	7	221-8045	1	FILM (WARNING)					
	8	244-5747	1	FILM (WARNING)					
	9	209-2864	1	FILM (LUBRICANT CHART)					
	10	314-3787	1	FILM (REGISTRATION)					
	11	214-7915	1	FILM (ENGINE SHUT OFF)					
	12	41-2885	1	CASE					
	13	319-9148	1	FILM (INSTRUCTION)					
	14	8T-6842	1	FILM (ALTERNATE EXIT)					
	15	186-1149	1	FILM (WARNING)					
	16	245-5457	1	FILM (INSTRUCTION)					
	17	298-4142	1	FILM (FUSE PANEL)					
	18	257-4506	1	CASE					
	19	187-0661	1	FILM (ALTERNATE EXIT)					
	20	283-8827	1	FILM (WARNING)					
	21	310-6252	1	FILM (BACK-UP CONTROL)					

275-3681 PLATE & FILM GP (3/3)
S/N BWZ 1-(T08.08), SNS 1-(T08.08)



HA1451E 16

275-3681 PLATE & FILM GP (1/3)
S/N BWZ (T08.09)-Up, SNS (T08.09)-Up

SERVICE EQUIPMENT AND SUPPLIES

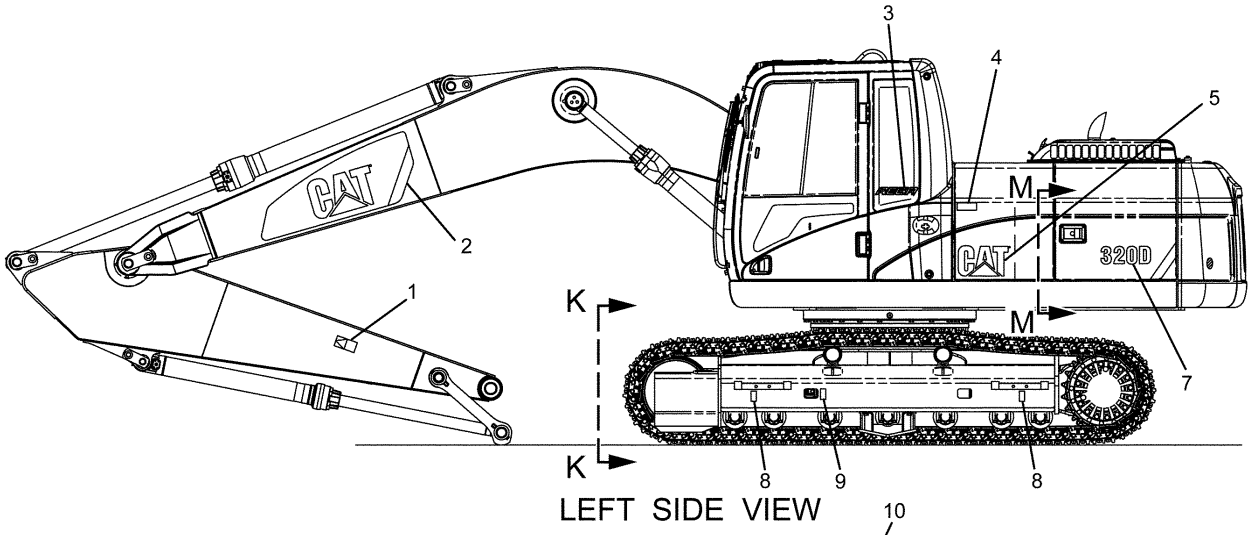
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	228-7316	2	FILM (WARNING)					
	2	134-7258	1	FILM (ELC)					
	3	264-8502	1	FILM (NOTICE)					
	4	242-1510	1	FILM (INSTRUCTION)					
	5	7X-7644	2	FILM (TIE DOWN)					
	6	167-7270	2	FILM (NO STEP)					
	7	186-1131	1	FILM					
	8	160-6822	2	FILM (WARNING)					
	9	291-9334	1	FILM (DIESEL FUEL)					
	10	290-1729	1	FILM (CAT)					
	11	253-0861	1	FILM (CAT POWER))					
	12	186-1147	1	FILM (REGA)					
	13	290-1727	1	FILM (CAT)					
	14	160-6853	1	FILM (DANGER)					
	15	1P-2807	2	FILM (LIFT)					
	16	160-6832	1	FILM (WARNING)					
	17	290-1742	1	FILM (320D)					
E	18	290-1906		FILM (STRIPE)…(90cm)					
	19	160-6841	1	FILM (WARNING)					
	20	235-0346	1	TAG (ELC)					
	21	144-9126	1	FILM (INSTRUCTION)					
Z	22		1	PLATE (PIN)					
	23	298-4157	1	PLATE (IDENT)					

E—ORDER BY THE CENTIMETER

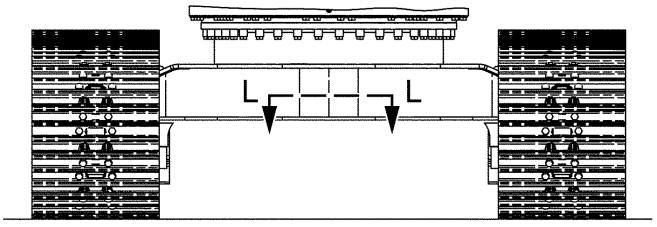
Z—NOT SERVICED

HA1451E 16

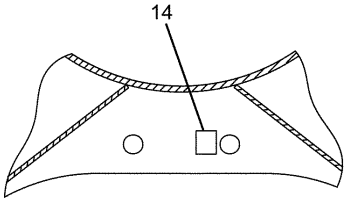
275-3681 PLATE & FILM GP (1/3)
S/N BWZ (T08.09)-Up, SNS (T08.09)-Up



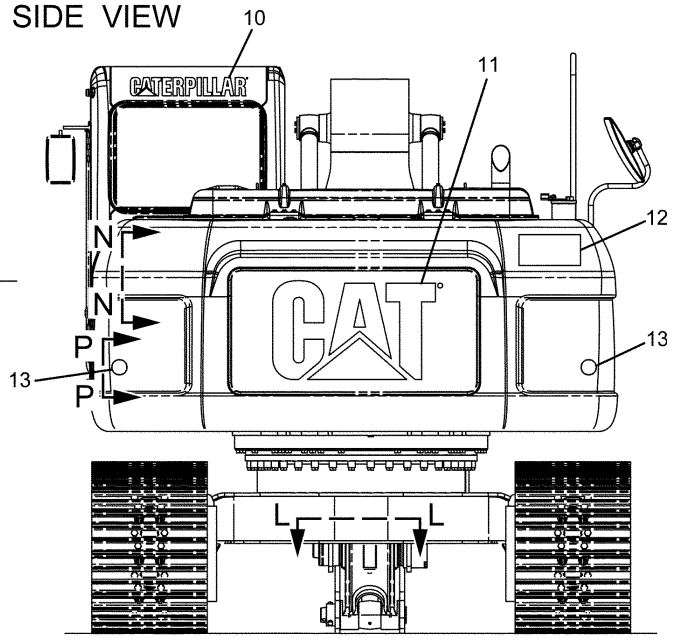
LEFT SIDE VIEW



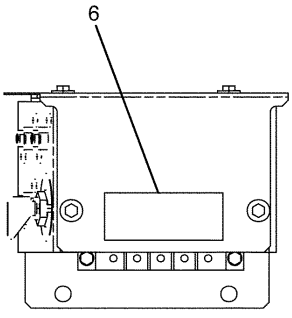
K – K



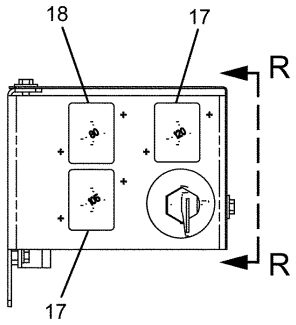
L – L



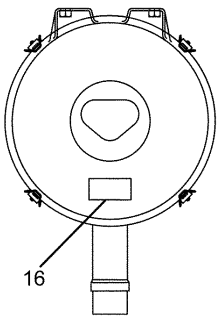
REAR VIEW



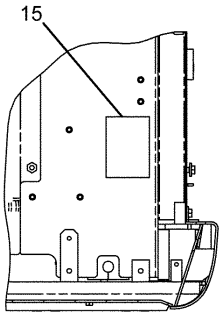
R – R



P – P



N – N



M – M

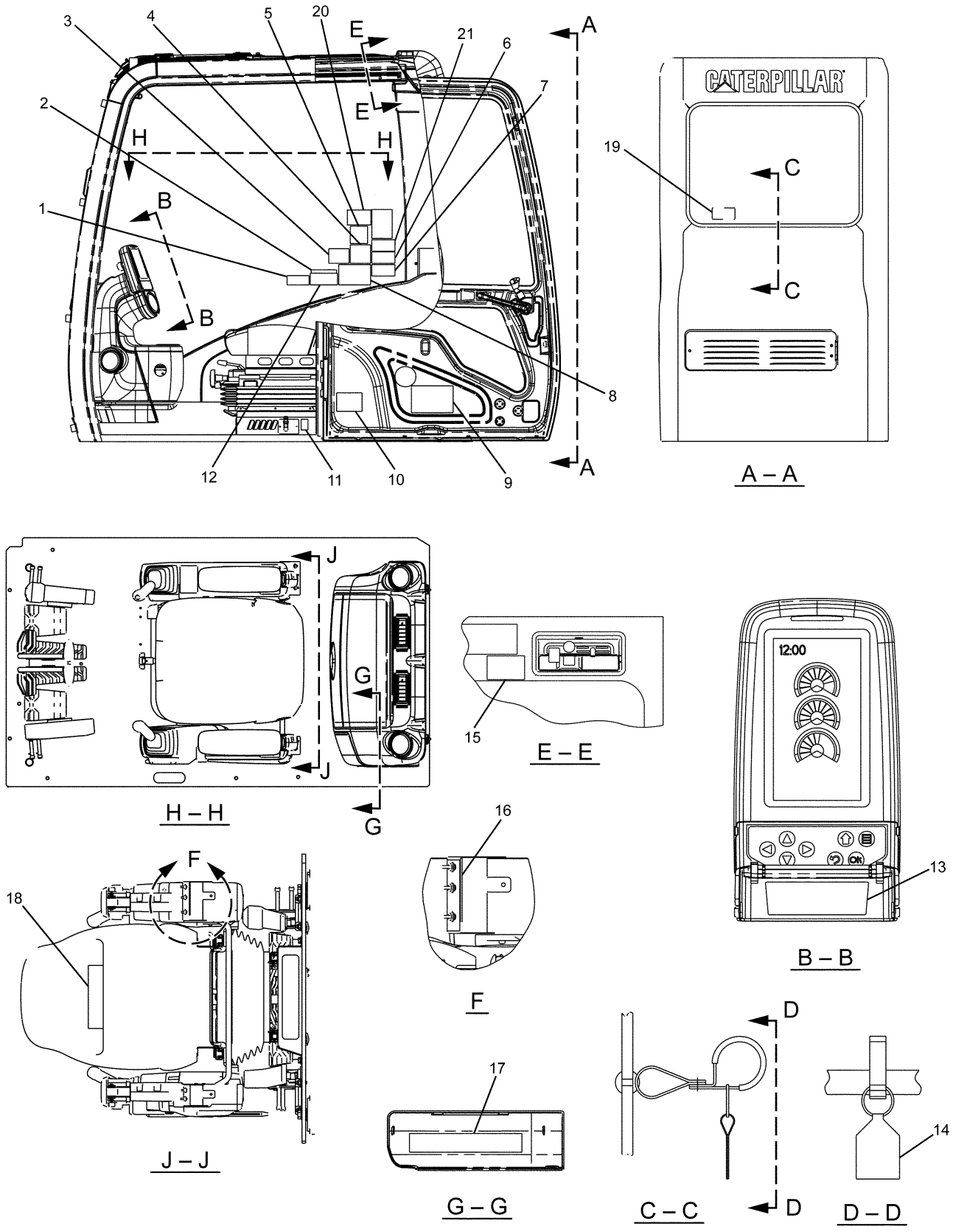
HA1452E 16

275-3681 PLATE & FILM GP (2/3)
S/N BWZ (T08.09)-Up, SNS (T08.09)-Up

SERVICE EQUIPMENT AND SUPPLIES

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	160-6853	1	FILM (DANGER)					
	2	290-1728	1	FILM (CAT)					
	3	257-4503	1	FILM (REGA)					
	4	253-0861	1	FILM (CAT POWER))					
	5	290-1729	1	FILM (CAT)					
	6	7I-6508	1	FILM (NOTICE)					
	7	290-1742	1	FILM (320D)					
	8	1P-2807	2	FILM (LIFT)					
	9	160-6832	1	FILM (WARNING)					
	10	257-4502	1	FILM (CAT)					
	11	247-7436	1	FILM (CAT)					
	12	160-6884	1	FILM (DANGER)					
	13	190-5386	2	FILM (SAFETY)					
	14	7X-7644	2	FILM (TIE DOWN)					
	15	3Y-8905	1	FILM (WARNING)					
	16	224-8946	1	FILM (WARNING)					
	17	247-7438	2	FILM (CIRCUIT BREAKER)					
	18	247-7437	1	FILM (CIRCUIT BREAKER)					

275-3681 PLATE & FILM GP (2/3)
S/N BWZ (T08.09)-Up, SNS (T08.09)-Up



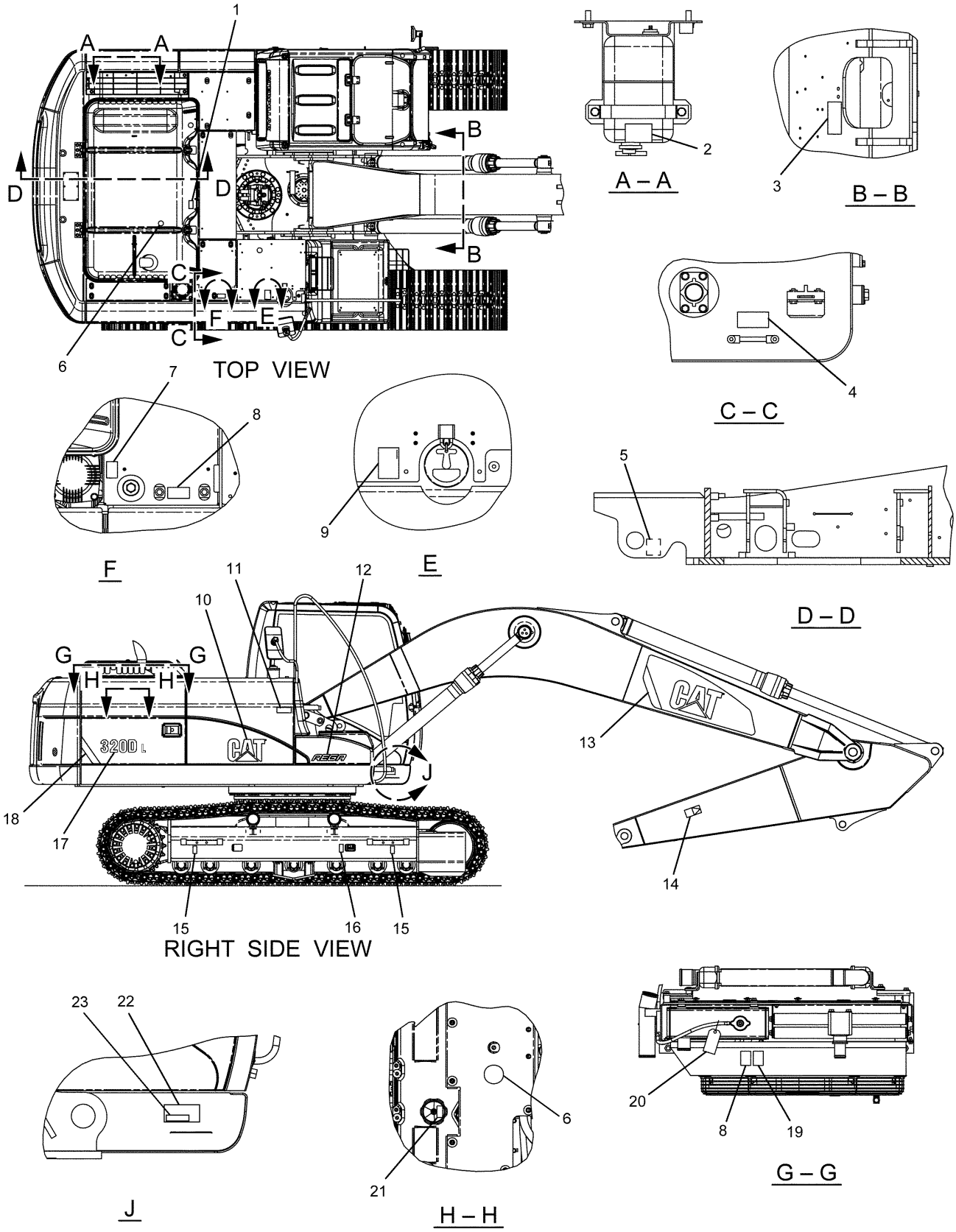
HA1453E 16

275-3681 PLATE & FILM GP (3/3)
S/N BWZ (T08.09)-Up, SNS (T08.09)-Up

SERVICE EQUIPMENT AND SUPPLIES

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	186-1214	1	FILM (NOTICE)					
	2	71-1533	1	PLATE (INSTRUCTION)					
	3	127-5272	1	FILM (WARNING)					
	4	127-5295	1	FILM (WARNING)					
	5	219-3148	1	FILM (NOTICE)					
	6	266-5431	1	FILM (WARNING)					
	7	221-8045	1	FILM (WARNING)					
	8	244-5747	1	FILM (WARNING)					
	9	209-2864	1	FILM (LUBRICANT CHART)					
	10	314-3744	1	FILM (REGISTRATION)					
	11	214-7915	1	FILM (ENGINE SHUT OFF)					
	12	41-2885	1	CASE					
	13	319-9148	1	FILM (INSTRUCTION)					
	14	8T-6842	1	FILM (ALTERNATE EXIT)					
	15	186-1149	1	FILM (WARNING)					
	16	245-5457	1	FILM (INSTRUCTION)					
	17	298-4142	1	FILM (FUSE PANEL)					
	18	257-4506	1	CASE					
	19	187-0661	1	FILM (ALTERNATE EXIT)					
	20	283-8827	1	FILM (WARNING)					
	21	310-6252	1	FILM (BACK-UP CONTROL)					

275-3681 PLATE & FILM GP (3/3)
S/N BWZ (T08.09)-Up, SNS (T08.09)-Up



HA1448E 15

275-3682 PLATE & FILM GP (1/3)
S/N DFB 1-(T08.08), WJN 1-(T08.08)

SERVICE EQUIPMENT AND SUPPLIES

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	228-7316	2	FILM (WARNING)					
	2	134-7258	1	FILM (ELC)					
	3	264-8502	1	FILM (NOTICE)					
	4	242-1510	1	FILM (INSTRUCTION)					
	5	7X-7644	2	FILM (TIE DOWN)					
	6	167-7270	2	FILM (NO STEP)					
	7	186-1131	1	FILM					
	8	160-6822	2	FILM (WARNING)					
	9	291-9334	1	FILM (DIESEL FUEL)					
	10	290-1729	1	FILM (CAT)					
	11	253-0861	1	FILM (CAT POWER))					
	12	186-1147	1	FILM (REGA)					
	13	290-1727	1	FILM (CAT)					
	14	160-6853	1	FILM (DANGER)					
	15	1P-2807	2	FILM (LIFT)					
	16	160-6832	1	FILM (WARNING)					
	17	290-1743	1	FILM (320DL)					
E	18	290-1906		FILM (STRIPE)…(90cm)					
	19	160-6841	1	FILM (WARNING)					
	20	235-0346	1	TAG (ELC)					
	21	144-9126	1	FILM (INSTRUCTION)					
Z	22		1	PLATE (PIN)					
	23	298-4158	1	PLATE (IDENT)					

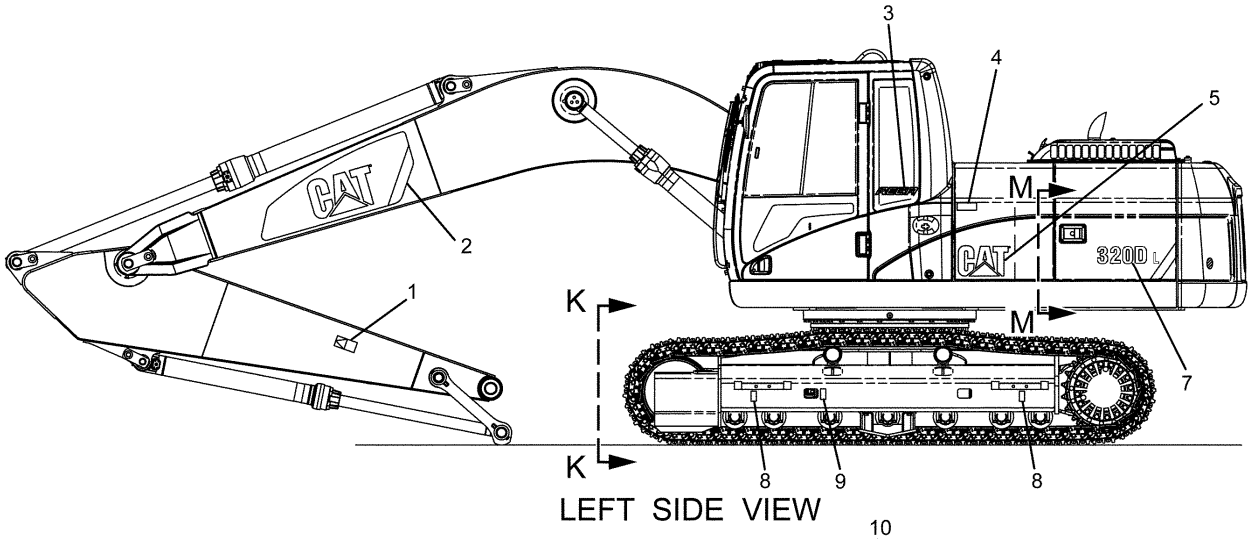
E—ORDER BY THE CENTIMETER

Z—NOT SERVICED

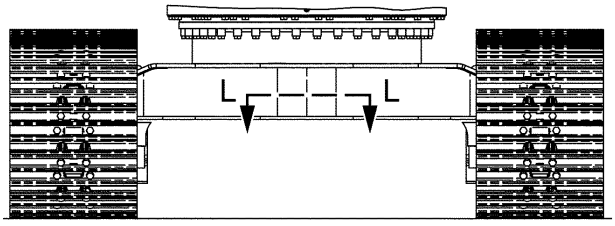
HA1448E 15

275-3682 PLATE & FILM GP (1/3)

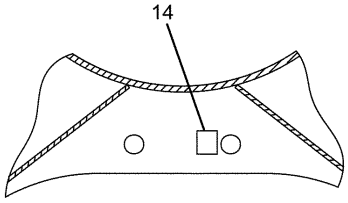
S/N DFB 1-(T08.08), WJN 1-(T08.08)



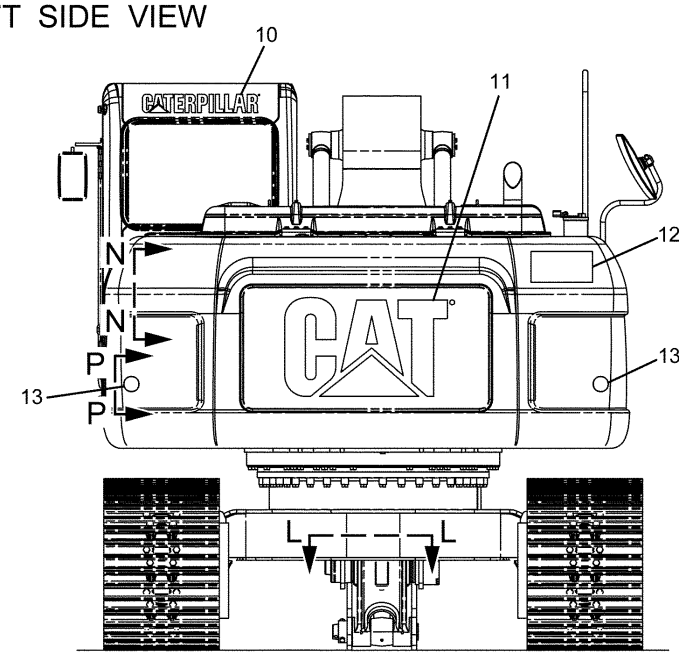
LEFT SIDE VIEW



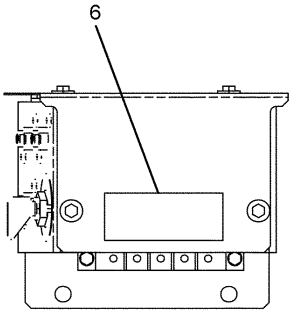
K – K



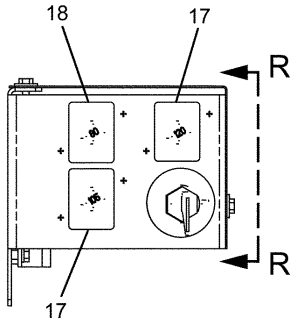
L – L



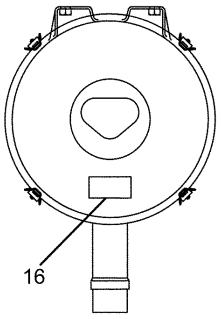
REAR VIEW



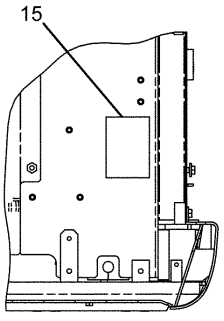
R – R



P – P



N – N



M – M

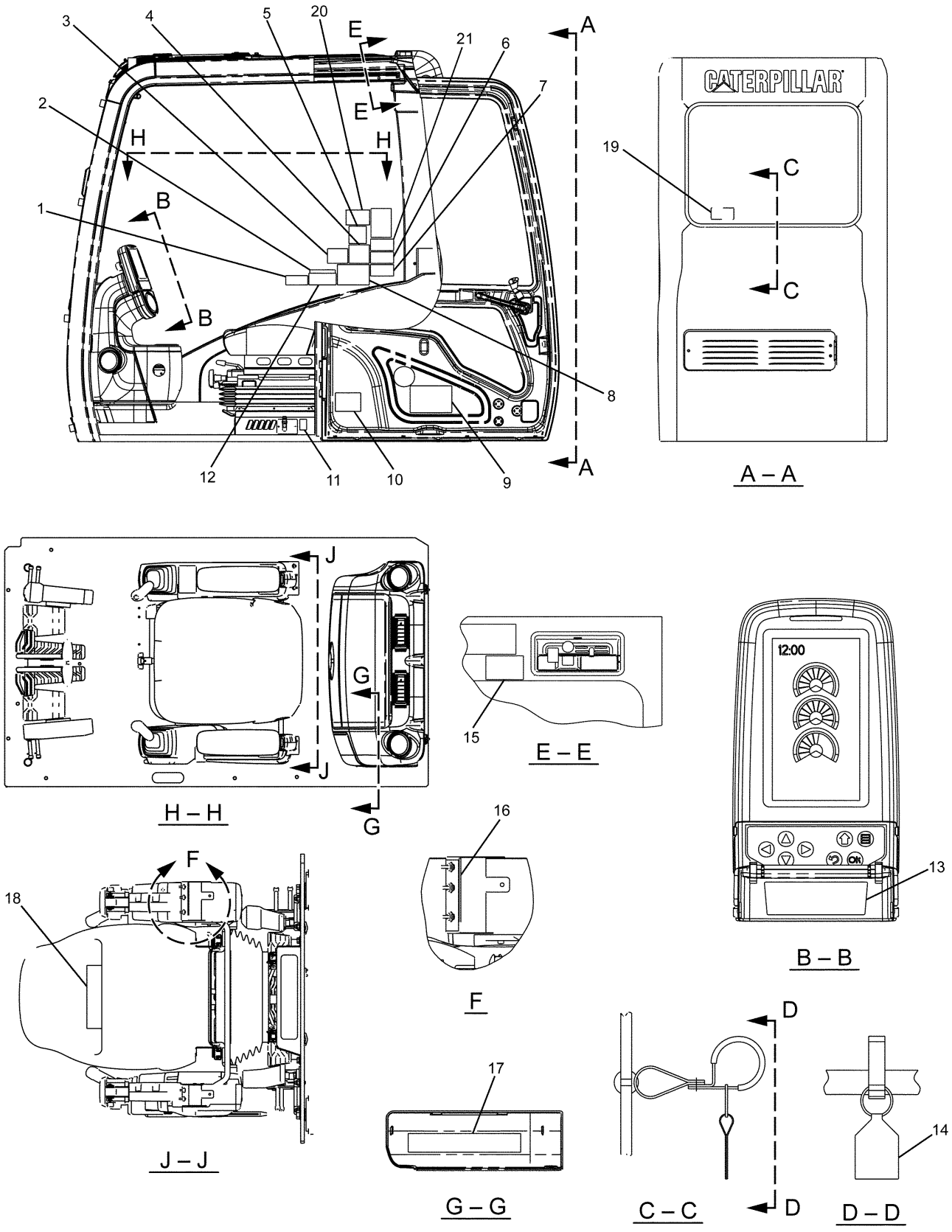
HA1449E 15

275-3682 PLATE & FILM GP (2/3)
S/N DFB 1-(T08.08), WJN 1-(T08.08)

SERVICE EQUIPMENT AND SUPPLIES

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	160-6853	1	FILM (DANGER)					
	2	290-1728	1	FILM (CAT)					
	3	257-4503	1	FILM (REGA)					
	4	253-0861	1	FILM (CAT POWER))					
	5	290-1729	1	FILM (CAT)					
	6	7I-6508	1	FILM (NOTICE)					
	7	290-1743	1	FILM (320DL)					
	8	1P-2807	2	FILM (LIFT)					
	9	160-6832	1	FILM (WARNING)					
	10	257-4502	1	FILM (CAT)					
	11	247-7436	1	FILM (CAT)					
	12	160-6884	1	FILM (DANGER)					
	13	190-5386	2	FILM (SAFETY)					
	14	7X-7644	2	FILM (TIE DOWN)					
	15	3Y-8905	1	FILM (WARNING)					
	16	224-8946	1	FILM (WARNING)					
	17	247-7438	2	FILM (CIRCUIT BREAKER)					
	18	247-7437	1	FILM (CIRCUIT BREAKER)					

275-3682 PLATE & FILM GP (2/3)
S/N DFB 1-(T08.08), WJN 1-(T08.08)



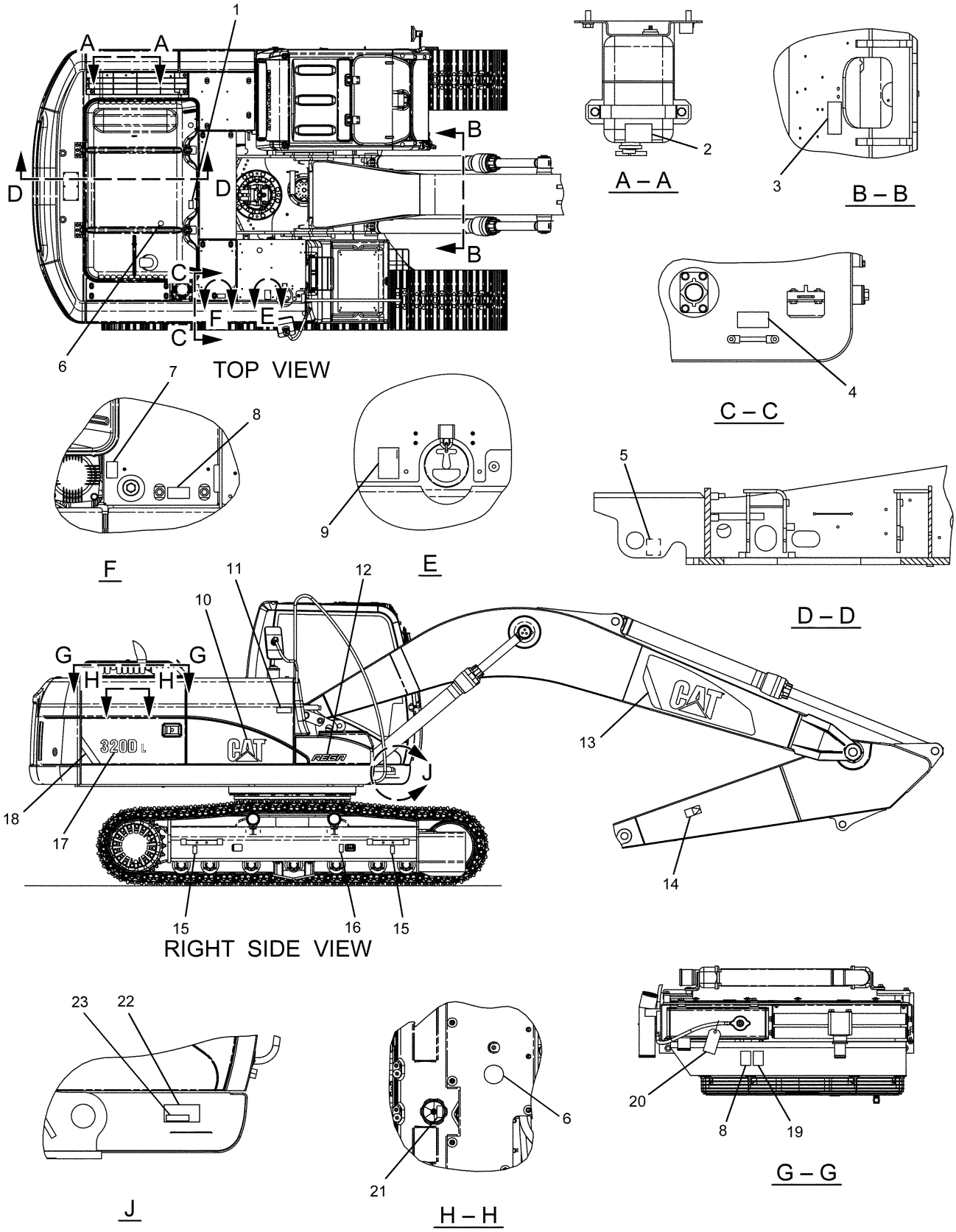
275-3682 PLATE & FILM GP (3/3)
S/N DFB 1-(T08.08), WJN 1-(T08.08)

SERVICE EQUIPMENT AND SUPPLIES

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	186-1214	1	FILM (NOTICE)					
	2	71-1533	1	PLATE (INSTRUCTION)					
	3	127-5272	1	FILM (WARNING)					
	4	127-5295	1	FILM (WARNING)					
	5	219-3148	1	FILM (NOTICE)					
	6	266-5431	1	FILM (WARNING)					
	7	221-8045	1	FILM (WARNING)					
	8	244-5747	1	FILM (WARNING)					
	9	209-2864	1	FILM (LUBRICANT CHART)					
	10	314-3789	1	FILM (REGISTRATION)					
	11	214-7915	1	FILM (ENGINE SHUT OFF)					
	12	41-2885	1	CASE					
	13	319-9148	1	FILM (INSTRUCTION)					
	14	8T-6842	1	FILM (ALTERNATE EXIT)					
	15	186-1149	1	FILM (WARNING)					
	16	245-5457	1	FILM (INSTRUCTION)					
	17	298-4142	1	FILM (FUSE PANEL)					
	18	257-4506	1	CASE					
	19	187-0661	1	FILM (ALTERNATE EXIT)					
	20	283-8827	1	FILM (WARNING)					
	21	310-6252	1	FILM (BACK-UP CONTROL)					

275-3682 PLATE & FILM GP (3/3)
S/N DFB 1-(T08.08), WJN 1-(T08.08)

SERVICE EQUIPMENT AND SUPPLIES



HA1454E 16

275-3682 PLATE & FILM GP (1/3)
S/N DFB (T08.09)-Up, WJN (T08.09)-Up

SERVICE EQUIPMENT AND SUPPLIES

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	228-7316	2	FILM (WARNING)					
	2	134-7258	1	FILM (ELC)					
	3	264-8502	1	FILM (NOTICE)					
	4	242-1510	1	FILM (INSTRUCTION)					
	5	7X-7644	2	FILM (TIE DOWN)					
	6	167-7270	2	FILM (NO STEP)					
	7	186-1131	1	FILM					
	8	160-6822	2	FILM (WARNING)					
	9	291-9334	1	FILM (DIESEL FUEL)					
	10	290-1729	1	FILM (CAT)					
	11	253-0861	1	FILM (CAT POWER))					
	12	186-1147	1	FILM (REGA)					
	13	290-1727	1	FILM (CAT)					
	14	160-6853	1	FILM (DANGER)					
	15	1P-2807	2	FILM (LIFT)					
	16	160-6832	1	FILM (WARNING)					
	17	290-1743	1	FILM (320DL)					
E	18	290-1906		FILM (STRIPE)…(90cm)					
	19	160-6841	1	FILM (WARNING)					
	20	235-0346	1	TAG (ELC)					
	21	144-9126	1	FILM (INSTRUCTION)					
Z	22		1	PLATE (PIN)					
	23	298-4158	1	PLATE (IDENT)					

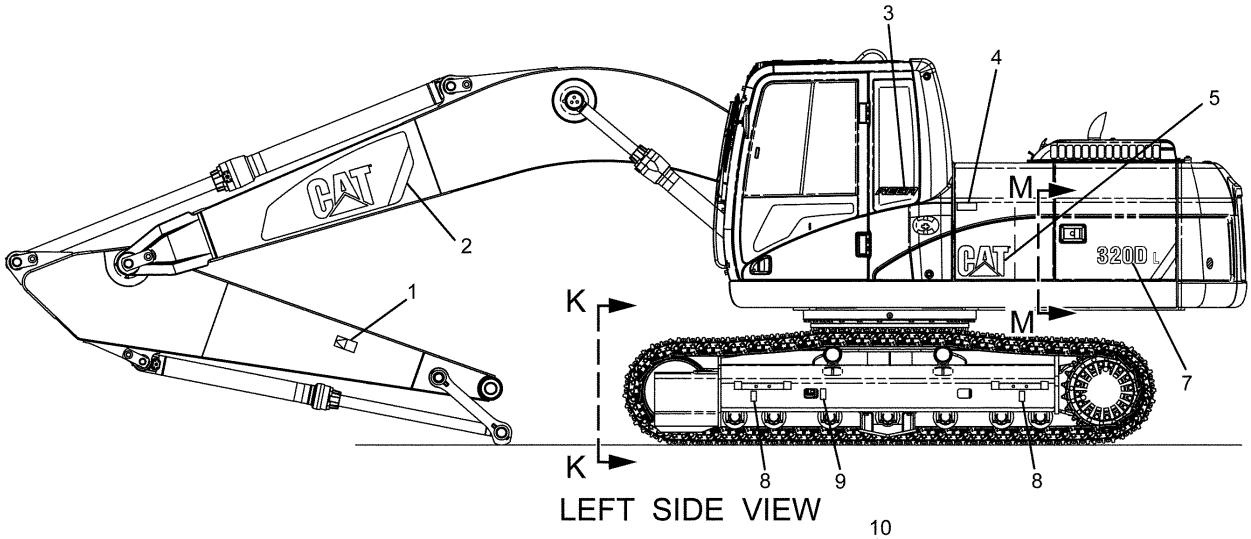
E—ORDER BY THE CENTIMETER

Z—NOT SERVICED

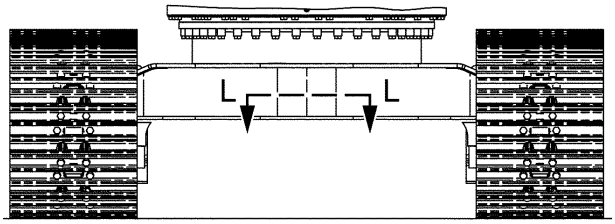
HA1454E 16

275-3682 PLATE & FILM GP (1/3)

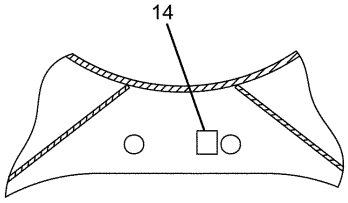
S/N DFB (T08.09)-Up, WJN (T08.09)-Up



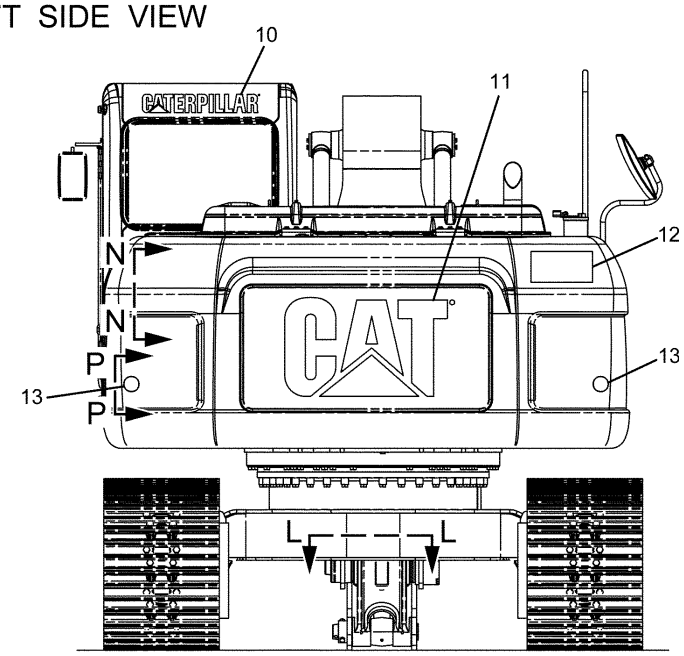
LEFT SIDE VIEW



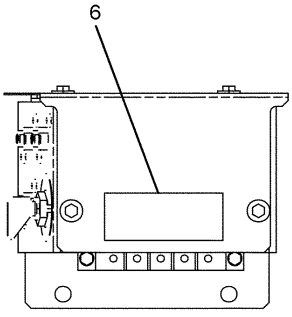
K – K



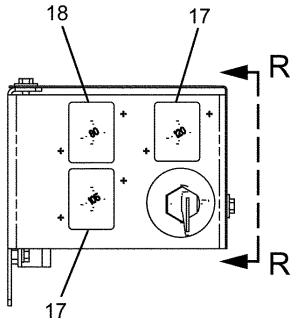
L – L



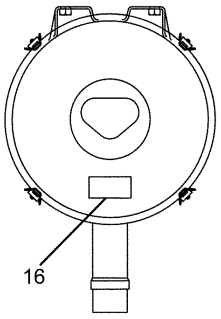
REAR VIEW



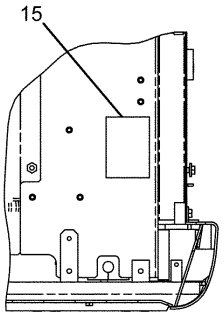
R – R



P – P



N – N



M – M

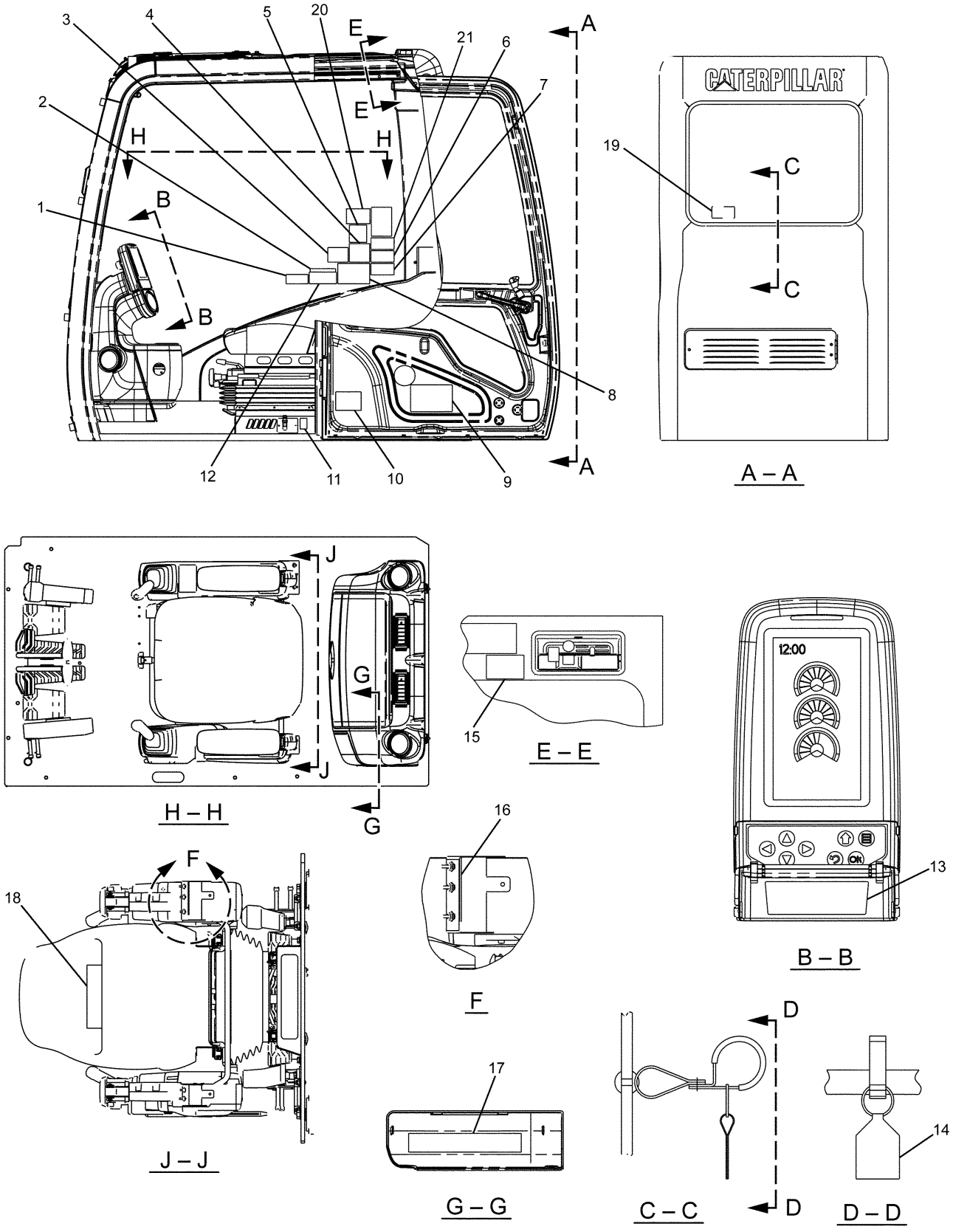
HA1455E 16

275-3682 PLATE & FILM GP (2/3)
S/N DFB (T08.09)-Up, WJN (T08.09)-Up

SERVICE EQUIPMENT AND SUPPLIES

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	160-6853	1	FILM (DANGER)					
	2	290-1728	1	FILM (CAT)					
	3	257-4503	1	FILM (REGA)					
	4	253-0861	1	FILM (CAT POWER))					
	5	290-1729	1	FILM (CAT)					
	6	7I-6508	1	FILM (NOTICE)					
	7	290-1743	1	FILM (320DL)					
	8	1P-2807	2	FILM (LIFT)					
	9	160-6832	1	FILM (WARNING)					
	10	257-4502	1	FILM (CAT)					
	11	247-7436	1	FILM (CAT)					
	12	160-6884	1	FILM (DANGER)					
	13	190-5386	2	FILM (SAFETY)					
	14	7X-7644	2	FILM (TIE DOWN)					
	15	3Y-8905	1	FILM (WARNING)					
	16	224-8946	1	FILM (WARNING)					
	17	247-7438	2	FILM (CIRCUIT BREAKER)					
	18	247-7437	1	FILM (CIRCUIT BREAKER)					

275-3682 PLATE & FILM GP (2/3)
S/N DFB (T08.09)-Up, WJN (T08.09)-Up



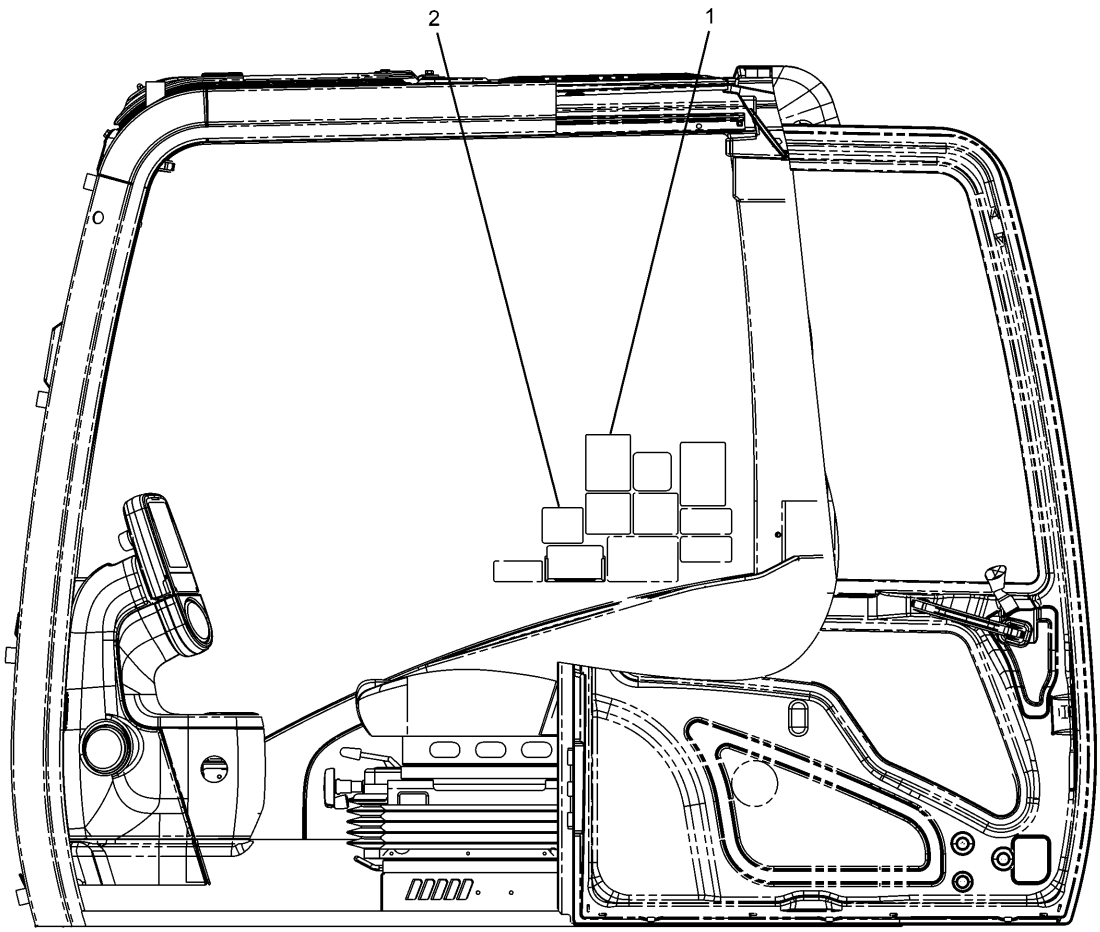
HA1456E 16

275-3682 PLATE & FILM GP (3/3)
S/N DFB (T08.09)-Up, WJN (T08.09)-Up

SERVICE EQUIPMENT AND SUPPLIES

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	186-1214	1	FILM (NOTICE)					
	2	71-1533	1	PLATE (INSTRUCTION)					
	3	127-5272	1	FILM (WARNING)					
	4	127-5295	1	FILM (WARNING)					
	5	219-3148	1	FILM (NOTICE)					
	6	266-5431	1	FILM (WARNING)					
	7	221-8045	1	FILM (WARNING)					
	8	244-5747	1	FILM (WARNING)					
	9	209-2864	1	FILM (LUBRICANT CHART)					
	10	314-3746	1	FILM (REGISTRATION)					
	11	214-7915	1	FILM (ENGINE SHUT OFF)					
	12	41-2885	1	CASE					
	13	319-9148	1	FILM (INSTRUCTION)					
	14	8T-6842	1	FILM (ALTERNATE EXIT)					
	15	186-1149	1	FILM (WARNING)					
	16	245-5457	1	FILM (INSTRUCTION)					
	17	298-4142	1	FILM (FUSE PANEL)					
	18	257-4506	1	CASE					
	19	187-0661	1	FILM (ALTERNATE EXIT)					
	20	283-8827	1	FILM (WARNING)					
	21	310-6252	1	FILM (BACK-UP CONTROL)					

275-3682 PLATE & FILM GP (3/3)
S/N DFB (T08.09)-Up, WJN (T08.09)-Up



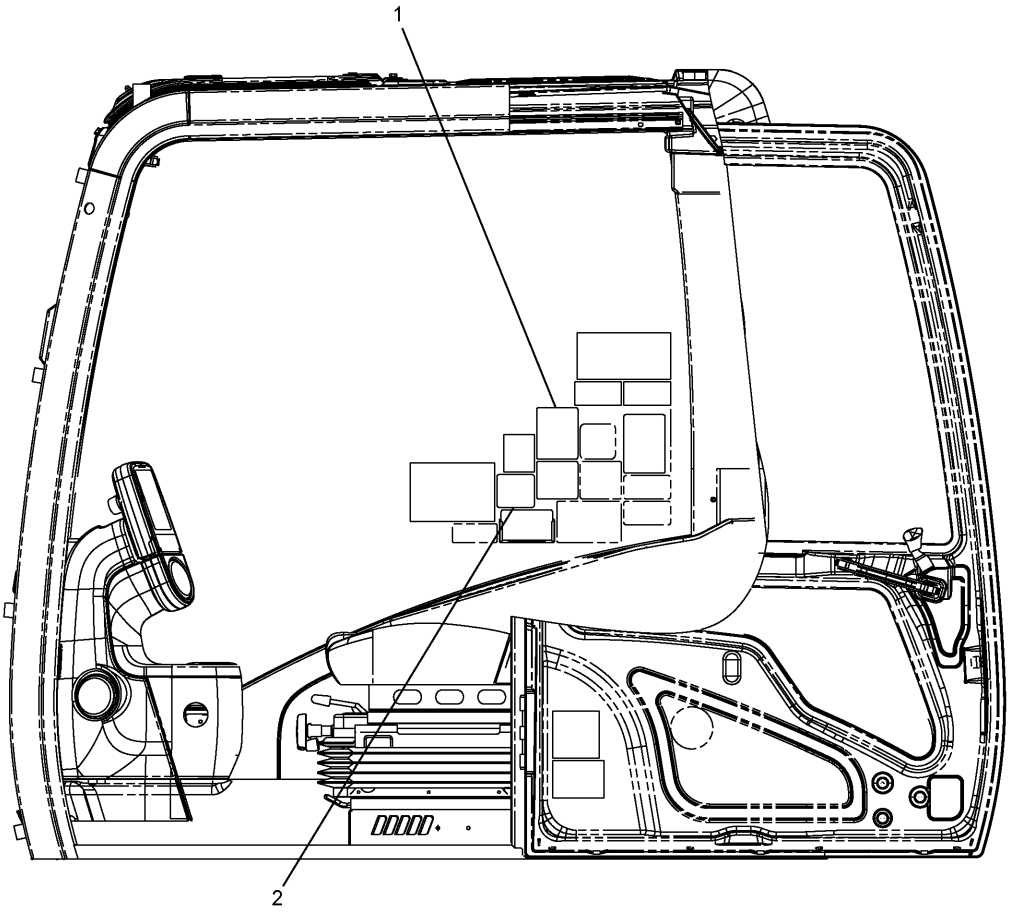
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	118-6054	1	FILM (NOTICE)					
	2	260-6945	1	FILM (CONTROLS)					

H89264E 00

247-7420 FILM GP

Part of 259-7492,259-7494-Page443,259-7495-Page445
An Attachment

SERVICE EQUIPMENT AND SUPPLIES

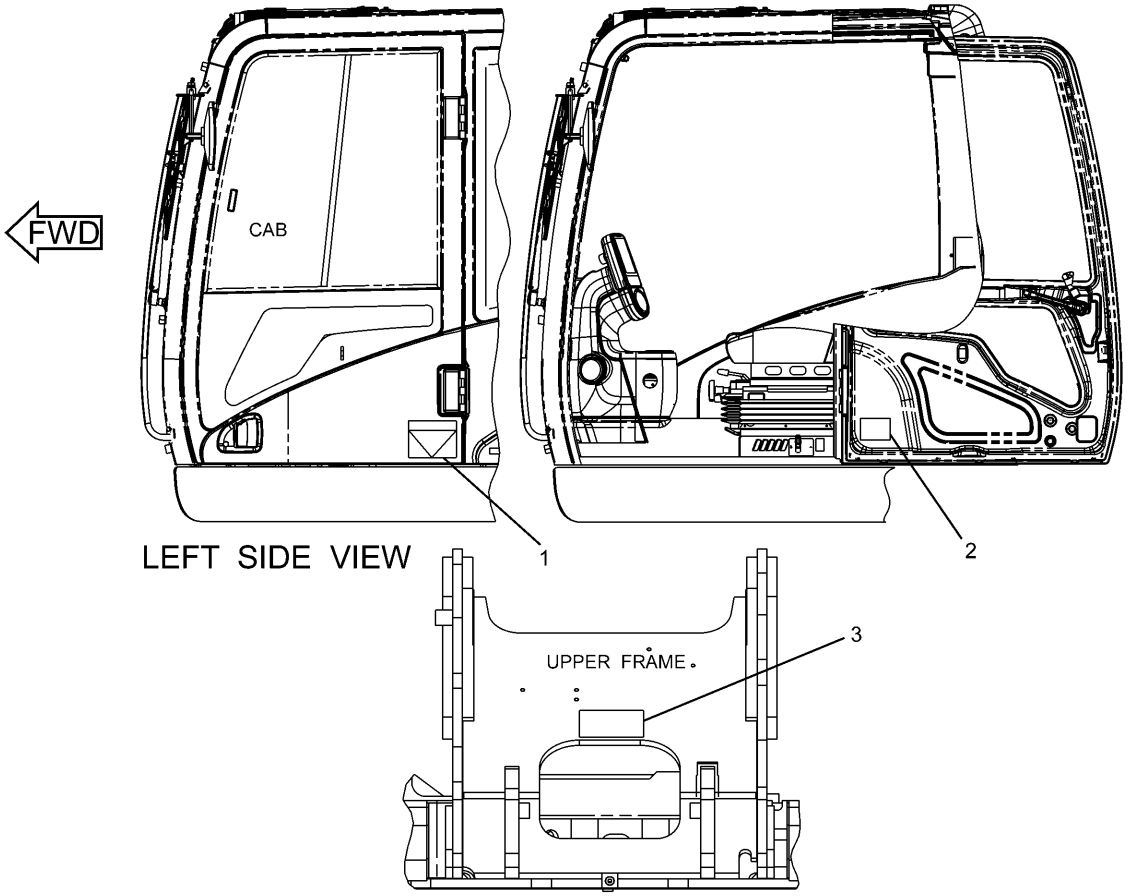


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	118-6054	1	FILM (NOTICE)					
	2	260-6946	1	FILM (CONTROLS)					

H99559E 00

247-7416 FILM GP
Combined Function/2 Pumps
Part of 259-7493-Page444
An Attachment

SERVICE EQUIPMENT AND SUPPLIES



LEFT SIDE VIEW

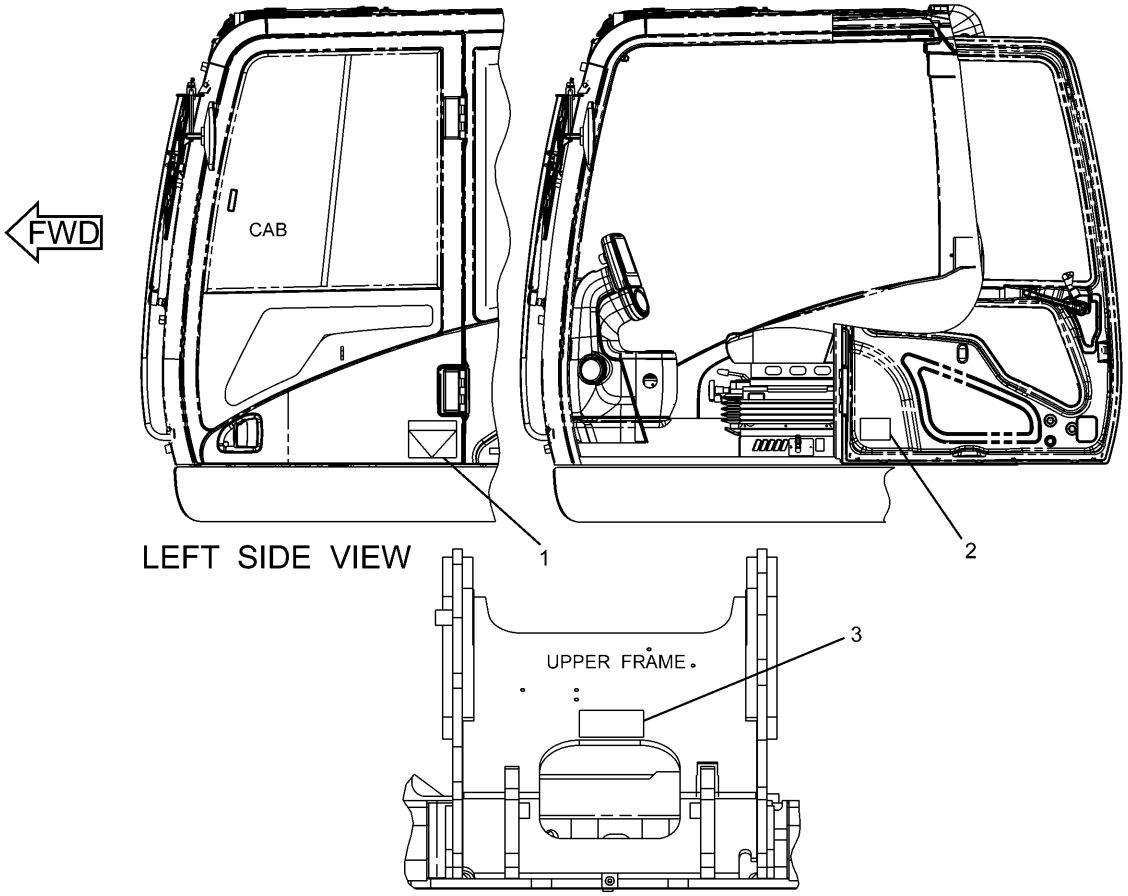
FRONT VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	127-5278	1	FILM (HAMMER)					
	2	314-3788	1	FILM					
	3	264-8744	1	FILM (NOTICE)					

HA1468E 02

240-3896 FILM GP
S/N BWZ 1-(T08.08), SNS 1-(T08.08)
An Attachment

SERVICE EQUIPMENT AND SUPPLIES



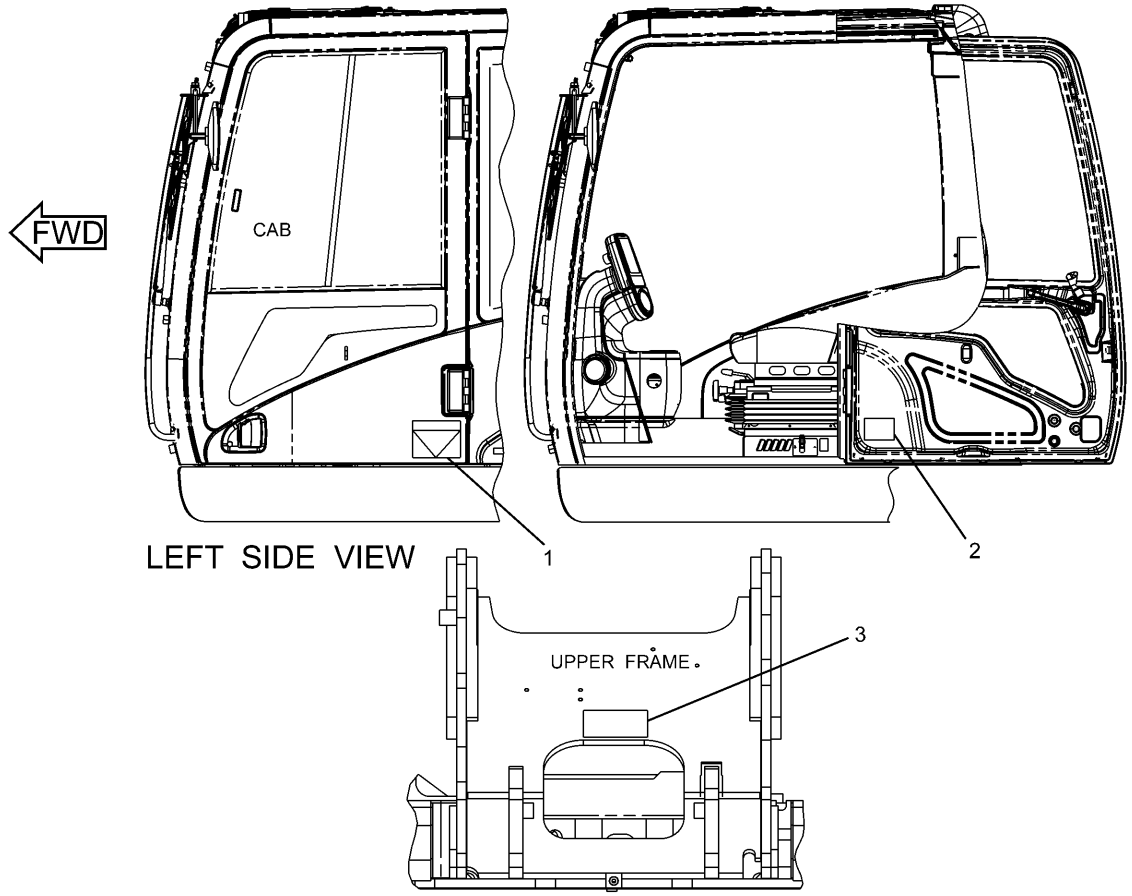
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	127-5278	1	FILM (HAMMER)					
	2	314-3745	1	FILM					
	3	264-8744	1	FILM (NOTICE)					

HA1469E 03

240-3896 FILM GP
S/N BWZ (T08.09)-Up, SNS (T08.09)-Up
An Attachment

MEMORANDA

SERVICE EQUIPMENT AND SUPPLIES



LEFT SIDE VIEW

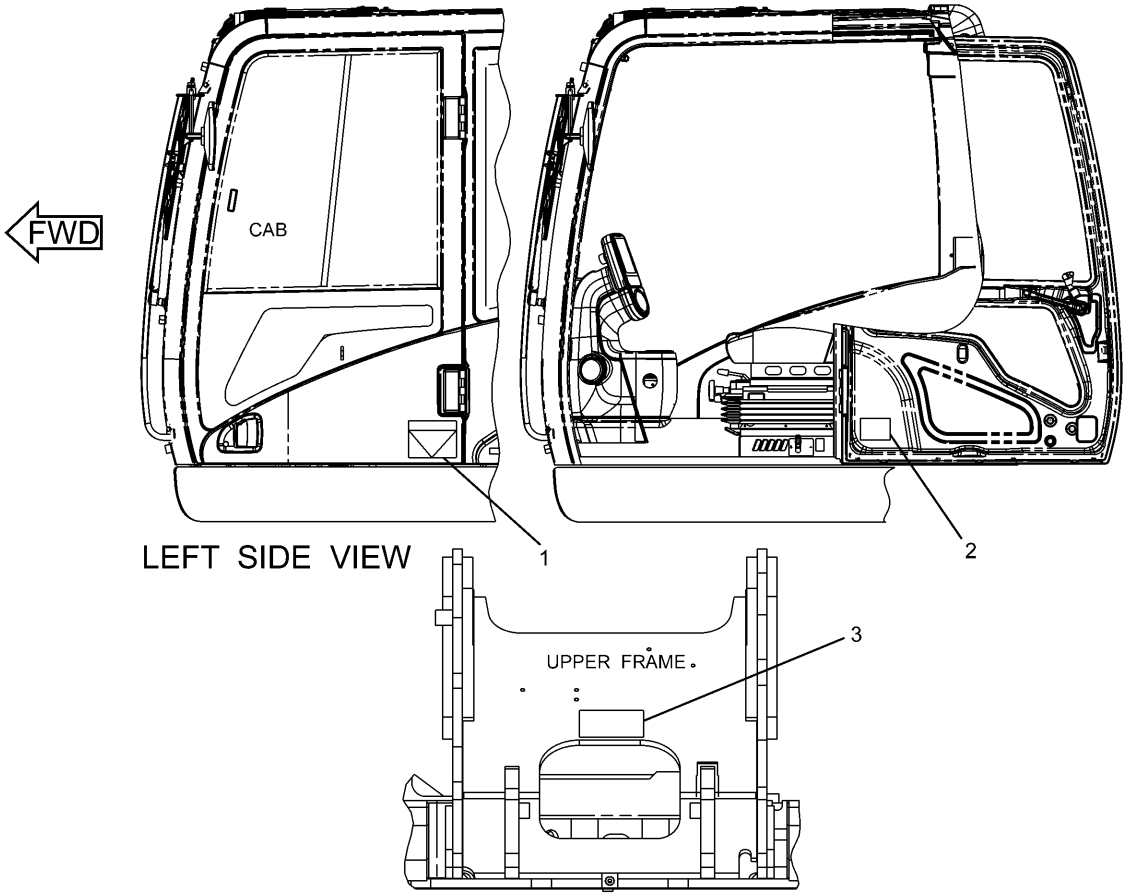
FRONT VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	127-5278	1	FILM (HAMMER)					
	2	314-3790	1	FILM					
	3	264-8744	1	FILM (NOTICE)					

HA1470E 02

240-3897 FILM GP
S/N DFB 1-(T08.08), WJN 1-(T08.08)
An Attachment

SERVICE EQUIPMENT AND SUPPLIES



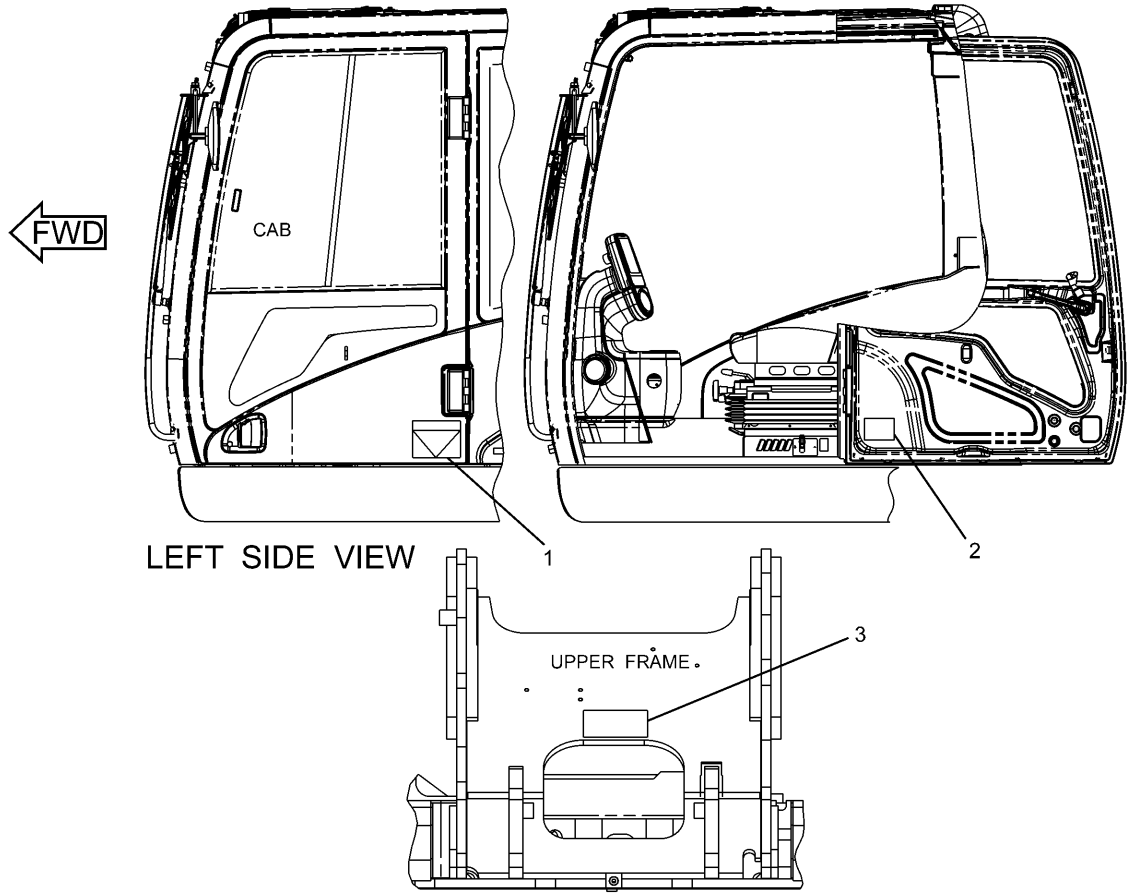
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	127-5278	1	FILM (HAMMER)					
	2	314-3747	1	FILM					
	3	264-8744	1	FILM (NOTICE)					

HA1471E 03

240-3897 FILM GP
S/N DFB (T08.09)-Up, WJN (T08.09)-Up
An Attachment

MEMORANDA

SERVICE EQUIPMENT AND SUPPLIES

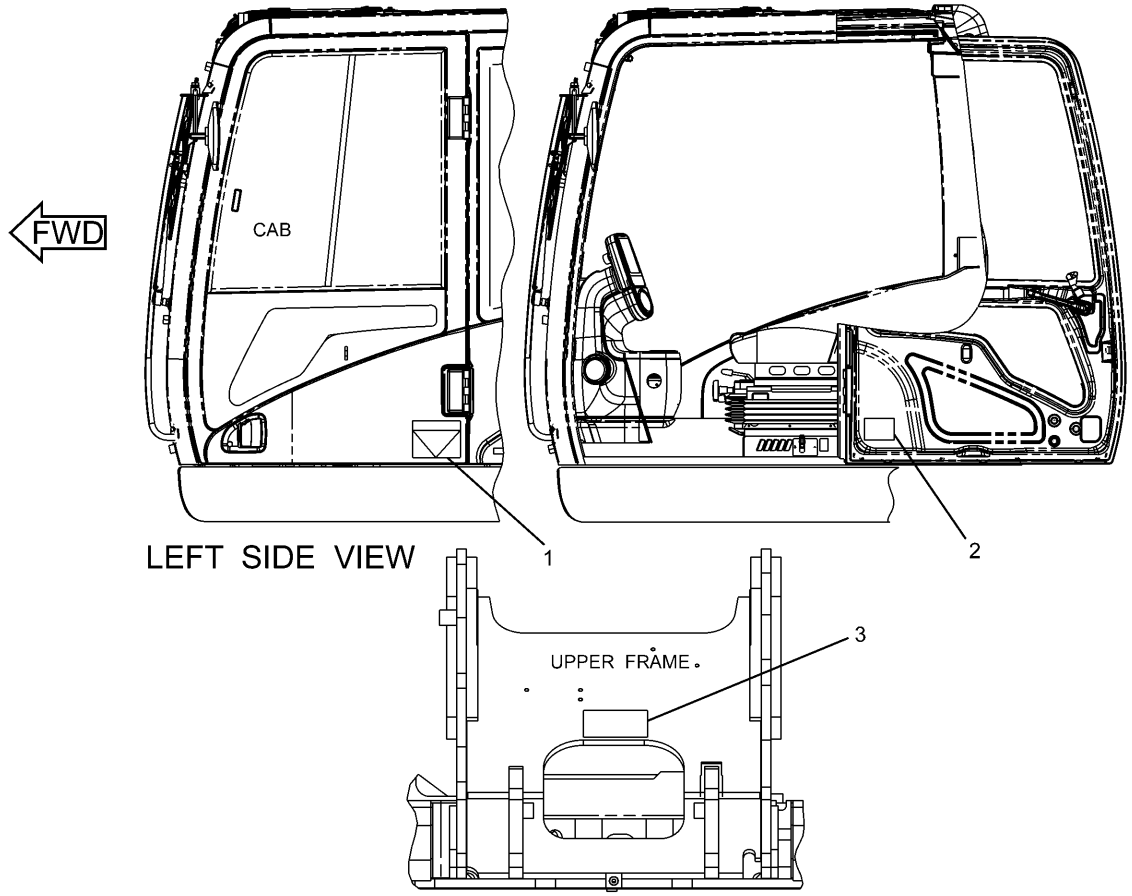


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	127-5277	1	FILM (DEMOLITION)					
	2	314-3788	1	FILM					
	3	264-8744	1	FILM (NOTICE)					

HA1464E 02

240-3894 FILM GP
S/N BWZ 1-(T08.08), SNS 1-(T08.08)
An Attachment

SERVICE EQUIPMENT AND SUPPLIES



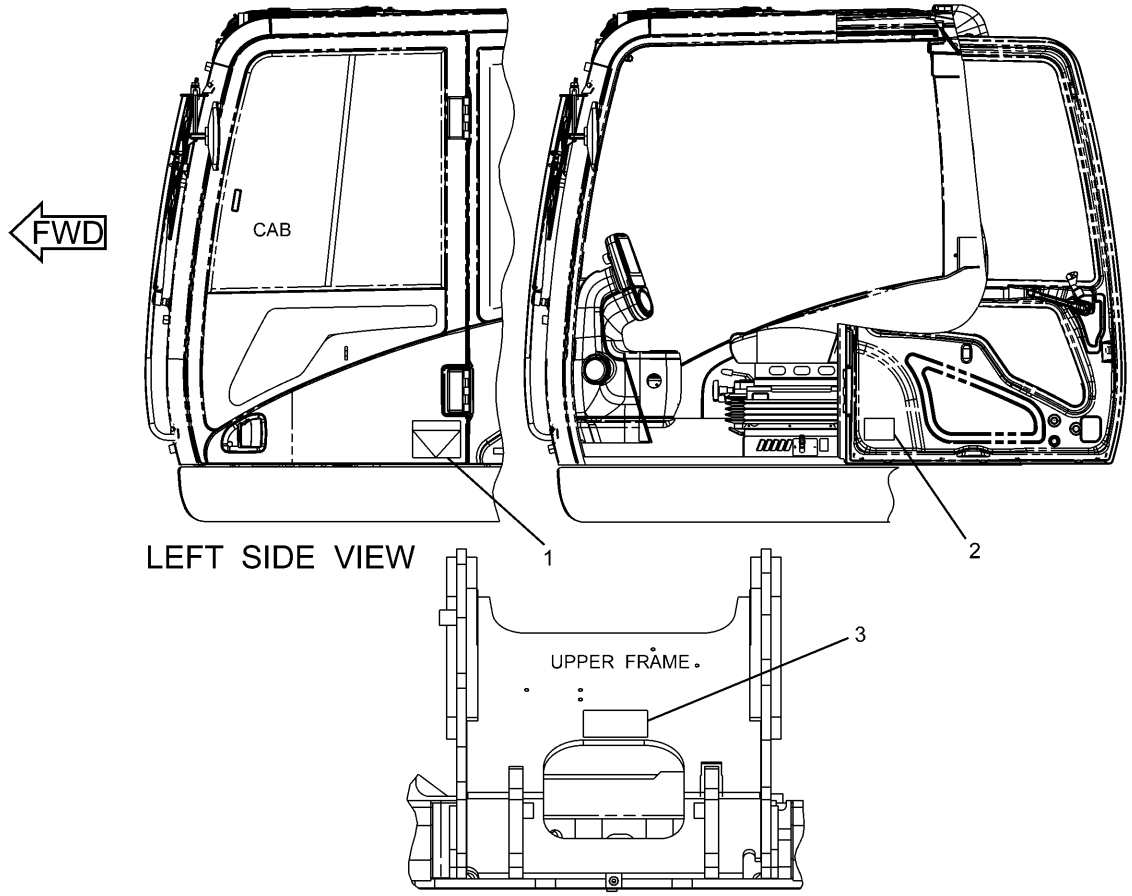
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	127-5277	1	FILM (DEMOLITION)					
	2	314-3745	1	FILM					
	3	264-8744	1	FILM (NOTICE)					

HA1465E 03

240-3894 FILM GP
S/N BWZ (T08.09)-Up, SNS (T08.09)-Up
An Attachment

MEMORANDA

SERVICE EQUIPMENT AND SUPPLIES

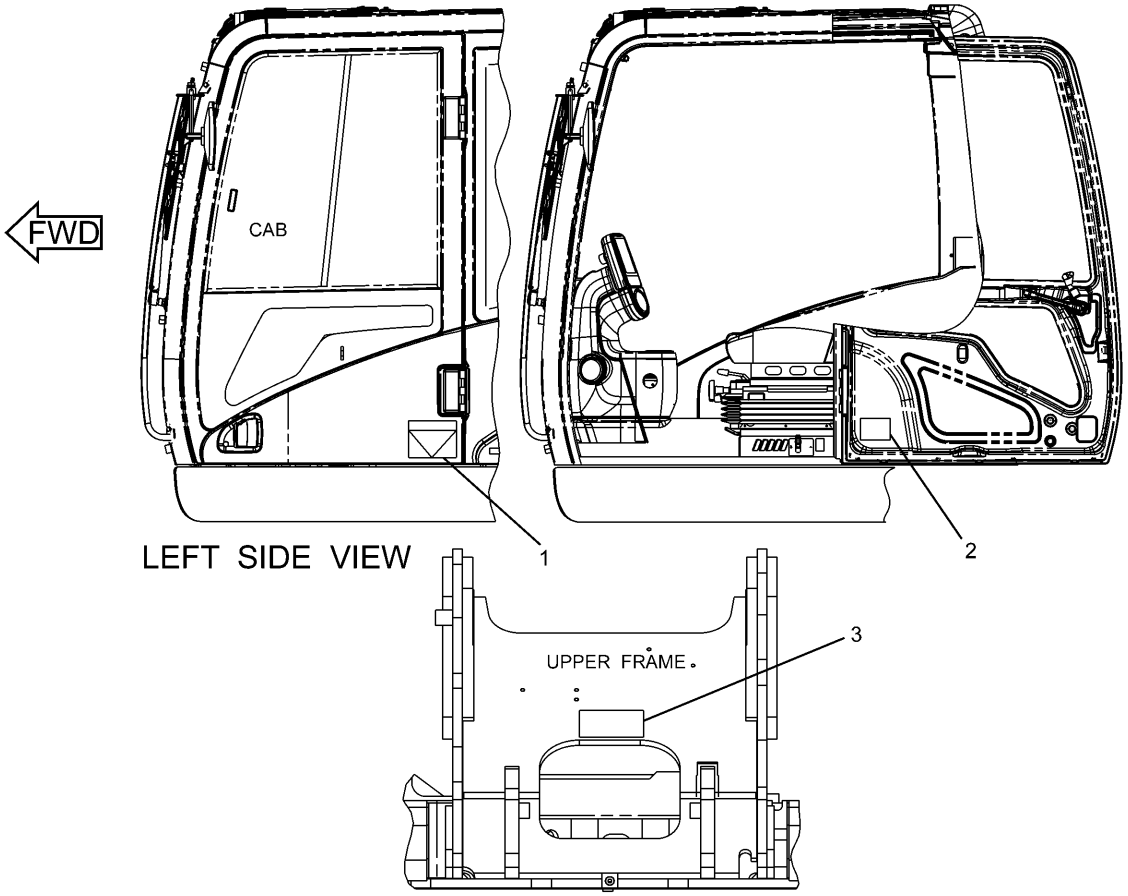


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	127-5277	1	FILM (DEMOLITION)					
	2	314-3790	1	FILM					
	3	264-8744	1	FILM (NOTICE)					

HA1466E 02

240-3895 FILM GP
S/N DFB 1-(T08.08), WJN 1-(T08.08)
An Attachment

SERVICE EQUIPMENT AND SUPPLIES



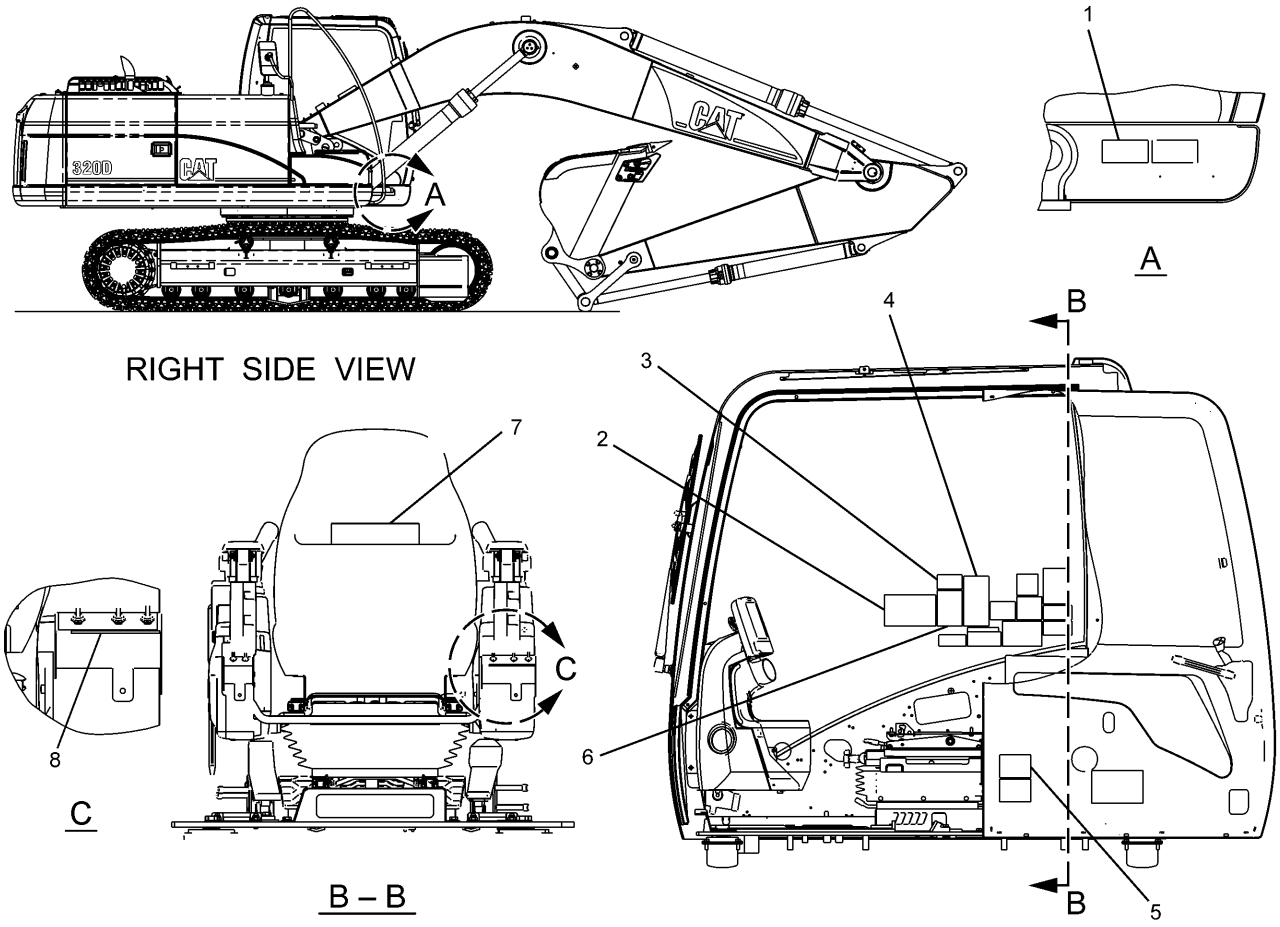
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	127-5277	1	FILM (DEMOLITION)					
	2	314-3747	1	FILM					
	3	264-8744	1	FILM (NOTICE)					

HA1467E 03

240-3895 FILM GP
S/N DFB (T08.09)-Up, WJN (T08.09)-Up
An Attachment

MEMORANDA

SERVICE EQUIPMENT AND SUPPLIES

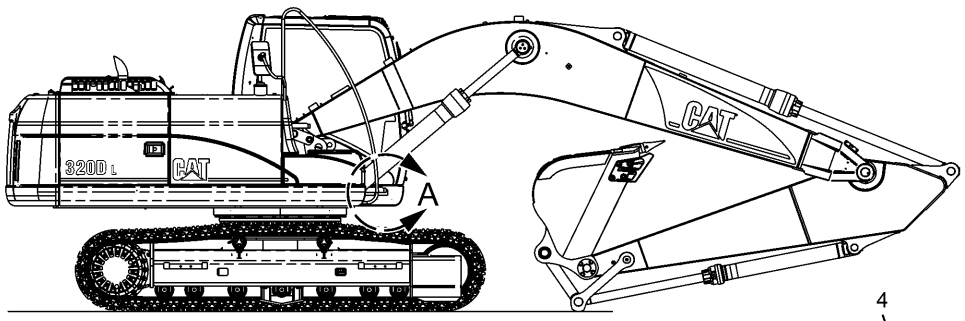


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	329-6420	1	PLATE					
	2	279-2861	1	FILM (LIFTING CAP)					
	3	185-1276	1	FILM (WARNING)					
	4	237-1062	1	FILM (WARNING)					
	5	329-6434	1	FILM (REGISTRATION)					
	6	257-3028	1	FILM (WARNING)					
	7	329-6435	1	PLATE					
	8	279-2869	1	FILM (THROTTLE SWITCH)					

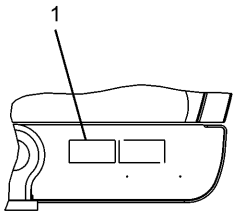
HA0965E 01

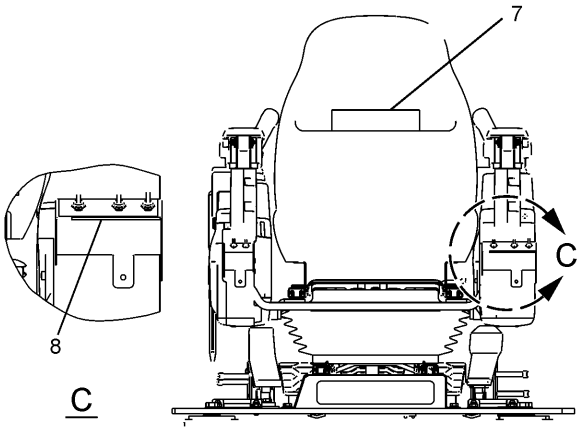
279-2860 FILM GP
New Shovel Crane
S/N BWZ 1-Up
Part of 279-2732-Page11
An Attachment

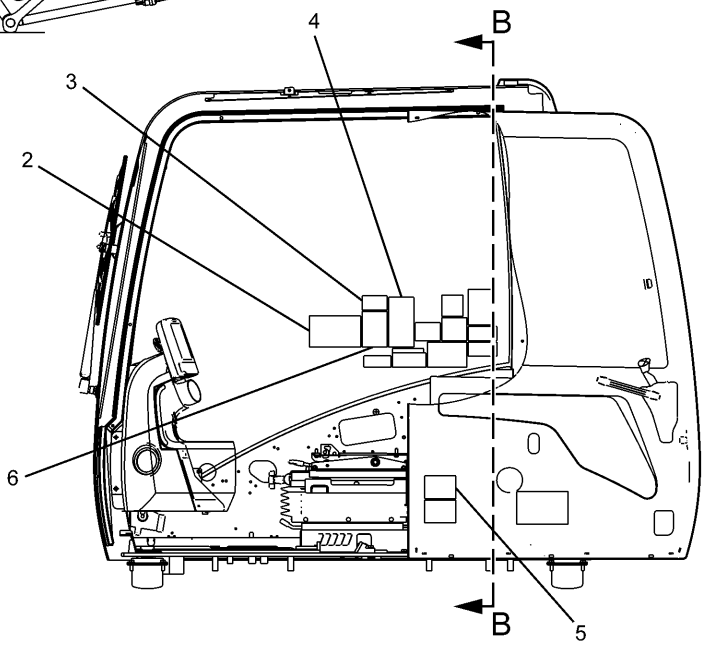
SERVICE EQUIPMENT AND SUPPLIES



RIGHT SIDE VIEW



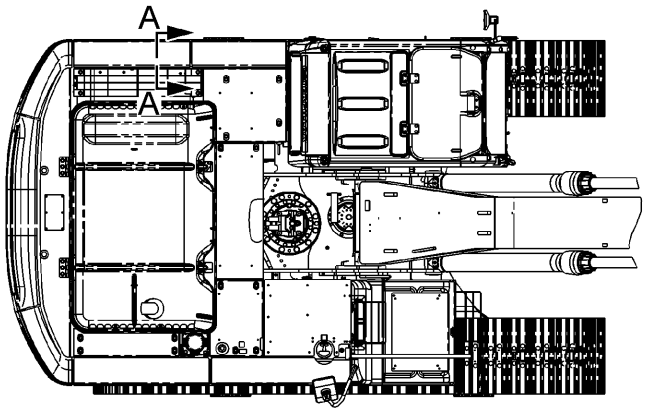




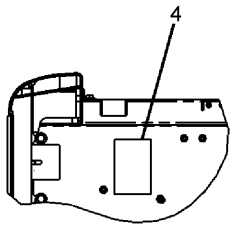
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	329-6420	1	PLATE					
	2	279-2865	1	FILM (LIFTING CAP)					
	3	185-1276	1	FILM (WARNING)					
	4	237-1062	1	FILM (WARNING)					
	5	329-6437	1	FILM (REGISTRATION)					
	6	257-3028	1	FILM (WARNING)					
	7	329-6438	1	PLATE					
	8	279-2869	1	FILM (THROTTLE SWITCH)					

HA0966E 01

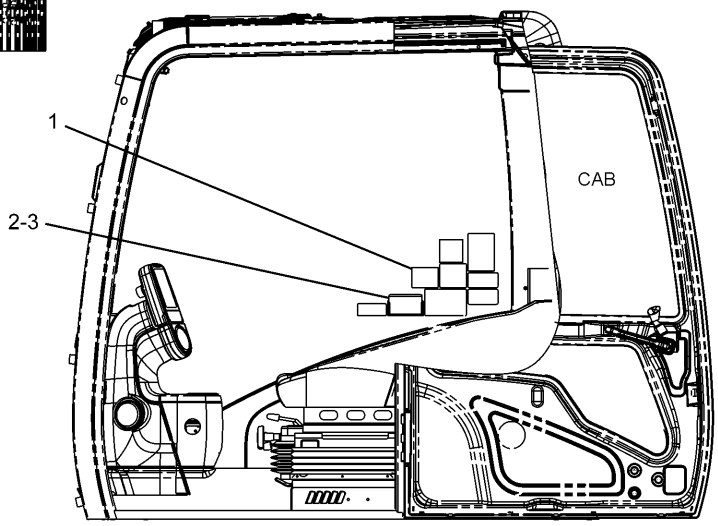
279-2864 FILM GP
New Shovel Crane
S/N DFB 1-Up
Part of 279-2733-Page12
An Attachment



TOP VIEW



A – A

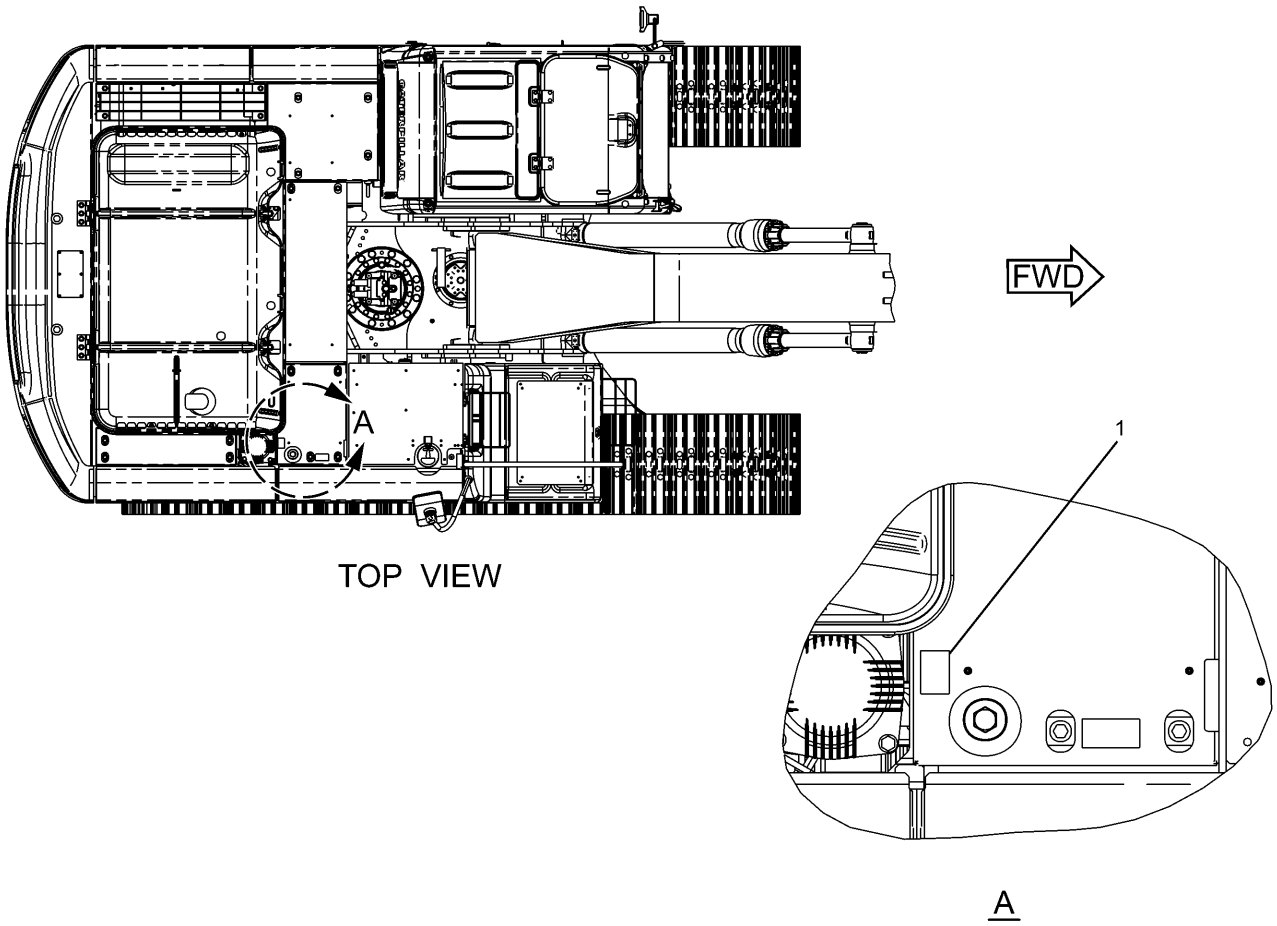


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	120-5054	1	FILM (WARNING)					
	2	102-4861	1	PLATE					
	3	102-4862	1	PLATE (KOB,JIS/SCM)					
	4	176-2687	1	FILM (INSTRUCTION)					

H94074E 03

247-7491 FILM GP
4 Way Valve
Part of 259-7483-Page446
An Attachment

SERVICE EQUIPMENT AND SUPPLIES

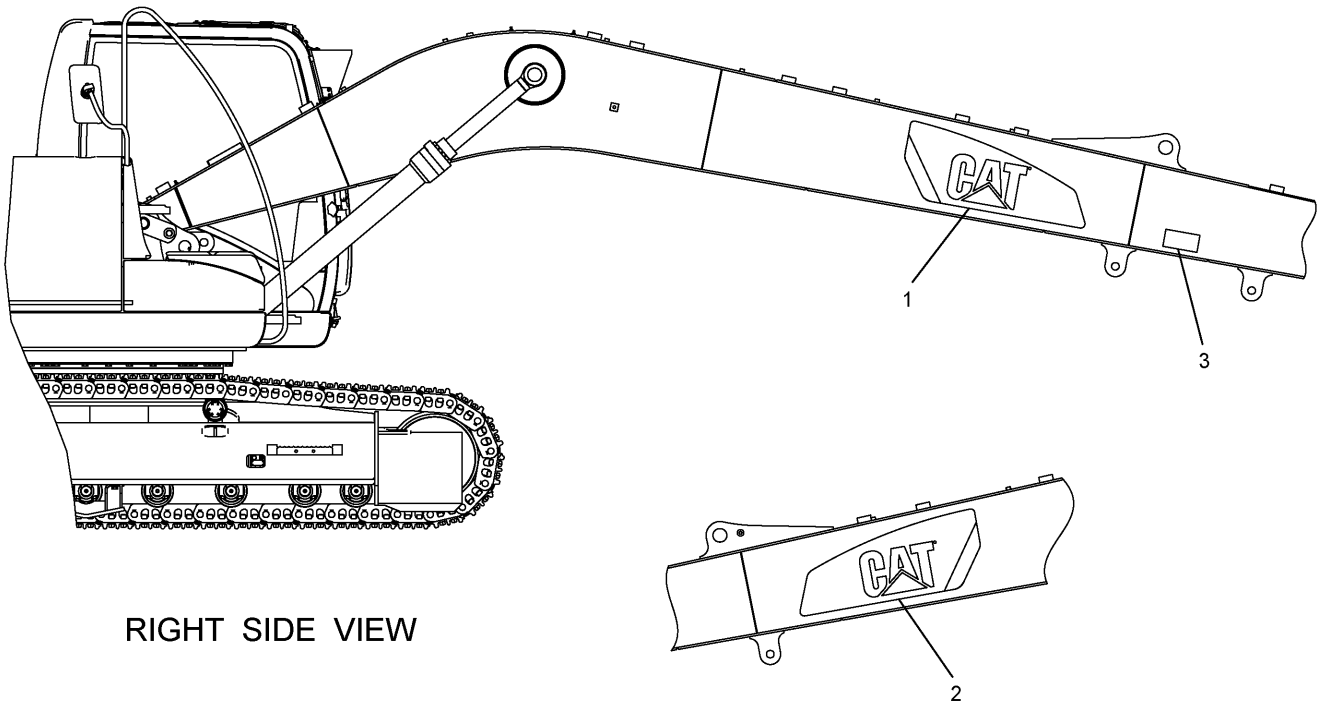


TOP VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	186-1133	1	FILM					

H90064E 00

240-3893 FILM GP
An Attachment

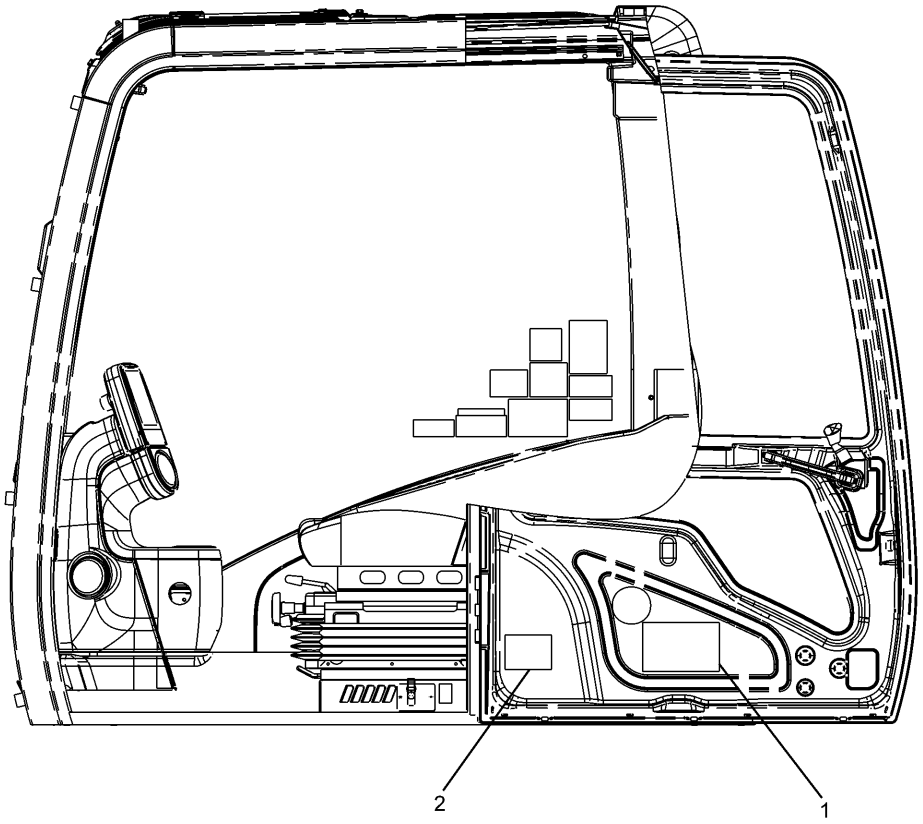


RIGHT SIDE VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	283-8982	1	FILM (CAT)					
	2	283-8983	1	FILM (CAT)					
	3	116-9135	1	FILM (TRANSPORT)					

HA0969E 02

302-9209 FILM GP (1/2)
Long Reach Front
S/N DFB 1-Up
Part of 302-9207-Page740
An Attachment



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	186-1156	1	FILM (LUBRICANT CHART)					
	2	331-2233	1	FILM					

HA0970E 02

302-9209 FILM GP (2/2)

Long Reach Front
S/N DFB 1-Up
Part of 302-9207-Page740
An Attachment

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
1			481		501
			483		
1F-0425	573		485		
1H-3338	134		487	2	
1P-0551	826		489		
1P-0808	826		491	2A-5222	41
1P-2807	829		496	2B-0858	325
	831		497	2B-7561	277
	833.02	1P-3704	383	2D-6642	513
	833.04		399		515
	835		411		593
	837		413		595
	839.02		414	2G-8767	95
	839.04		415		97
1P-3702	404		416	2H-3814	48
	405	1P-4577	483	2H-3922	135
	406	1P-5765	404		228
	407		405	2J-3507	804
	481	1P-5767	411	2L-8049	101
	489		413	2L-8050	101
	491		414		103
	534		415		129
	535		416		133
	537	1R-0739	45	2L-8052	101
	538	1R-0751	79		129
	556	1R-0770	83	2L-8065	115
	559	1R-5998	619		229
	561	1R-6573	77.01	2L-8066	113
1P-3703	377	1R-9958	243		180
	379	1S-7252	104	2L-8067	117
	383		105	2L-8069	101
	393		152		103
	395		153		129
	404	1U-3252	813		188
	405	1U-3301	806	2L-8074	123
	406	1U-3302	805		130
	407	1U-3351	810		182
	411	1U-3352	809	2L-8075	101
	413	1U-8846	233		113
	414		235		117
	415		275		146
	416		277		215
	437		437		217
	439		439		219

PART NUMBER INDEX

Part.No	Page
	221
	229
2L-8076	113
	180
2L-8078	95
2L-8079	103
	168
	183
	188
2M-0849	665
2M-9780	379
	437
	439
	441
	441.02
	513
	515
	541
	549
	561
2P-8250	826
2P-8253	826
2R-1498	81
2S-2596	553
	593
	595
2S-3440	43
	49
2S-4078	487
	489
	491
	601
2S-5926	300
2T-2991	45
2U-2552	621
2Y-5503	235
2Y-5685	632

3

Part.No	Page
3B-4501	223
	224
3B-4509	380
	381
3B-4618	239
	243
3B-8489	275
	277
	278
	357
	359
	361
	363
	365
	367
	369
	371
	372
	752
	753
	754
	755
	756
	757
	758
	759
	760
	761
	762
	763
	764
	765
	766
	769
	771
	773
	775
	777
	778
3D-2824	325
	377
	379
	383
	441
	441.02
	458
	458.01

Part.No	Page
	489
	491
	497
	547
	554
	560
	564
	574
	588
3D-2891	343
	345
	357
	367
	371
3D-9143	259
3E-2310	461
	463
	467
	471
	475
3E-2338	233
3E-3217	312
	313
3E-3371	137
3E-4297	328
3E-5169	127
3E-6910	510
3E-8020	619
3E-8320	133
3F-9556	149
3G-3236	811
3G-3237	807
3H-0442	593
	595
3J-1907	81
	82
	87
	89
	89.01
	89.02
	325
	335
	343
	345

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	348		339		75
	377		349		93
	379		377		95
	383		379		97
	391		391		99
	437		423		101
	439		425		103
	451		427		107
	453		431		109
	455		433		111
	457		435		113
	457.02		437		115
	457.04		439		117
	458		441		120
	458.01		441.02		123
	459		451		124
	461		455		125
	463		457		127
	464		457.02		129
	467		457.04		137
	468		458		138
	471		458.01		139
	472		471		141
	475		476		143
	477		477		145
	479		485		146
	507		487		154
	516		489		155
	549		491		158
	569		497		161
	571		498		163
	579		503		165
	593		513		167
	595		515		168
	602		553		171
	604		569		172
	605		571		175
3J-7354	325		579		177
	379		581		179
	391	3P-0647	563		180
	442	3P-1896	19		181
	593	3P-9847	55		185
	595	3S-2093	55		187
3K-0360	325		70		188

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	189		794		457.04
	189.02		795	4I-1163	645
	189.04		796	4I-1205	619
	189.05		797	4I-1206	619
	196		798	4I-1260	633
	211		799	4I-1631	453
	213	4B-4278	619	4I-1671	463
	221	4B-7739	325	4I-1674	377
	229	4B-9783	604		379
	640		605		393
	645	4B-9880	359		395
	646		361		399
	652		363		400
	664		365	4I-1676	393
	678		369		395
	699		603		399
	713	4D-1836	127		403
	715	4H-6112	501	4I-1694	475
3T-0849	196	4I-0006	271	4I-1704	459
3T-5760	93	4I-0050	87		464
3T-7528	328		89		468
3W-6399	641		89.01	4I-1739	455
3Y-7597	826		89.02		457.02
3Y-8905	831	4I-0117	243	4I-1780	455
	833.04	4I-0118	241		457.02
	837	4I-0232	239	4I-1878	467
	839.04	4I-0378	87		471
			89	4I-2187	259
			89.01	4I-2604	826
4			89.02	4I-2605	826
		4I-0379	81	4I-2885	833
4B-4158	297	4I-0420	627		833.06
	298		631		839
	537	4I-0716	475		839.06
	556	4I-0800	476	4I-3038	678
	559	4I-0818	455	4I-3063	619
	561		457.02	4I-3090	619
	569	4I-0836	455		635
	571		457.02	4I-3144	619
	579	4I-1022	341	4I-3266	667
	581	4I-1025	464	4I-3308	743
	593		468		745
	595		472		747
	793	4I-1037	457		748

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	751	4I-4544	762	4I-6365	525
4I-3309	743		763	4I-6397	541
	745		764		549
	747	4I-4580	719		551
	748		721	4I-6602	661
	751		723		662
4I-3503	719	4I-4618	748	4I-6608	764
	721		761	4I-6610	764
4I-3510	554	4I-4809	743	4I-7714	554
	588		745	4I-7745	377
4I-3569	549		747	4I-7889	154
4I-3615	357		751		175
	367		752	4I-7924	236
4I-3621	380		753	4I-8019	239
	381		754	4I-8384	255
4I-3627	359		755	4I-8785	405
	361		756	4I-8789	399
	363		757		496
4I-3628	359		758	4I-8864	357
	361		759	4I-8869	359
	363		760		361
	369	4I-4811	752		363
	371		753	4I-8965	569
4I-3631	359		754		571
	361		755	4I-9521	81
	363		757		379
4I-3941	467		758		451
	471		759		453
4I-3953	453		760		457
4I-3981	453	4I-4812	283		457.04
	476		285		467
4I-3988	467	4I-5020	645		471
	471	4I-5021	645		472
	479	4I-5049	654		475
4I-3991	479	4I-5394	325		479
4I-3994	453	4I-5409	209	4I-9522	81
4I-4270	619	4I-5490	325		379
4I-4286	623	4I-5556	408		451
4I-4300	625	4I-5795	458		453
4I-4361	633	4I-5906	457		455
4I-4392	619		457.04		457.02
4I-4543	762	4I-5933	457		467
	763		457.04		471
	764	4I-6054	453		479

PART NUMBER INDEX

Part.No	Page
4I-9523	81
	451
	453
	455
	457
	457.02
	457.04
	461
	463
	467
	471
	475
	477
	479
4I-9524	451
	453
	455
	457.02
	461
	463
	467
	471
	479
4I-9525	81
	379
	451
	453
	457
	457.04
	463
	467
	471
	472
	475
	479
4I-9526	379
	451
	453
	479
4I-9527	81
	441
	441.02
	451
	453
	457
	457.04
	461
4I-9528	451
	453
	457
	457.04
	471
	472
	475
	479
4I-9664	19
	25
4J-0519	537
4J-0520	483
	541
4J-0524	485
	600.01
	600.02
4J-0527	325
	485
4J-5267	325
	388
	481
	483
	559
4J-5268	483
	497
4J-5309	549
4J-7385	539
	546
4J-7386	539
	546
4J-7533	328
	549
	569
	571
	579
	593
	595
	599
4J-8998	534
	535
	538
	556
	559
4K-1388	539
	546
4K-8864	93
	151
	457
	457.04
4N-9170	275
	277
4P-7428	97
4P-7581	93
	95
	109
	154
	167
	451
4S-1962	719
	721
	723
4T-0987	593
	595
4T-2215	806
4T-3148	549
	551
4T-5074	549
4Y-0426	826

5

Part.No	Page
5A-3604	680.01
	681.01
	690.01
	691.01
	694.01
	695.01
	699.01
	700.01

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
5B-5947	39		313		39
5B-9304	60	5H-5672	326	5I-7523	19
	508	5H-8624	442	5I-7525	19
	516	5H-8936	766	5I-7528	19
	525	5I-3878	97	5I-7529	19
	585	5I-4076	455	5I-7540	35
5C-2889	223		457.02	5I-7549	59
	224	5I-4111	539	5I-7550	59
5C-2890	107		546	5I-7558	31
	109	5I-4174	404	5I-7559	31
	134		405	5I-7561	41
	171		406	5I-7587	60
	179		407	5I-7588	19
	645	5I-4393	397	5I-7589	60
5C-7261	46	5I-4396	455		61
	93		457.02	5I-7599	203
	151		461	5I-7601	59
	582		463	5I-7602	60
	681		464	5I-7610	31
	684	5I-4915	25	5I-7623	41
	686	5I-4940	43	5I-7630	27
	687	5I-4983	34	5I-7632	31
	688	5I-4993	36	5I-7633	59.01
	689	5I-5005	33		62
	691	5I-5038	40	5I-7642	40
	695	5I-5078	77	5I-7645	43
	698		79	5I-7646	49
	700	5I-5181	19	5I-7650	21
5C-7793	619	5I-5597	31	5I-7654	19
5C-7883	93		34	5I-7655	49
5C-8138	641		37	5I-7656	31
5C-8312	109		43	5I-7660	34
5C-9553	133		58	5I-7666	36
	239		194	5I-7667	22
	259	5I-6959	185	5I-7677	58
	325	5I-7090	528	5I-7678	58
	645		531	5I-7679	62
	713	5I-7233	408	5I-7683	31
	715	5I-7235	740	5I-7690	46
5D-1026	235		764	5I-7691	46
5D-4822	659	5I-7236	764	5I-7696	48
	661	5I-7238	766	5I-7697	48
5D-8159	57	5I-7239	766	5I-7724	19
5G-2247	312	5I-7505	19	5I-7725	43

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
5I-7735	49	5I-8708	457		261
5I-7742	59.01		457.04	5P-1076	75
5I-7750	37	5I-8825	476		198
5I-7784	19	5I-8853	453		199
5I-7785	19		475		236
5I-7786	19	5I-9368	95		239
5I-7787	19	5K-2298	765		241
5I-7788	19	5K-3294	721		243
5I-7789	19	5K-8451	81		256
5I-7867	49		476		260
5I-7985	202	5K-9090	377		262
5I-7987	202		399		263
5I-7997	202		483		264
5I-8009	19		485		265
5I-8010	49		487		266
5I-8021	58		489		306
5I-8022	58		491		314
5I-8023	58		495		315
5I-8040	62		496		377
5I-8056	49		497		665.02
5I-8058	41	5K-9242	765	5P-1442	70
	79		766		81
5I-8066	39	5K-9243	275	5P-2321	113
5I-8067	36		277	5P-2568	516
5I-8080	202		762	5P-3108	539
5I-8086	202		763		546
5I-8087	202		764	5P-3454	101
5I-8088	202		766	5P-4115	133
5I-8089	202	5L-3233	65		239
5I-8090	202		68	5P-4116	95
5I-8094	202	5L-4758	335		198
5I-8095	202	5L-6326	48		199
5I-8097	202	5P-0200	408		208
5I-8098	202	5P-0743	42		259
5I-8270	93	5P-0761	104		725
	151		152		729
5I-8417	507	5P-0767	235	5P-4924	81
5I-8426	507		719		87
5I-8510	415		721		89
5I-8511	569		723		89.01
	571	5P-1027	408		89.02
5I-8623	507	5P-1072	81	5P-4961	70
5I-8625	507	5P-1075	259	5P-5998	228
5I-8670	332		260	5P-6271	117

PART NUMBER INDEX

Part.No	Page
5P-7175	81
5P-7462	457
	457.04
5P-7463	457
	457.04
5P-7464	441
	441.02
5P-7465	441
	441.02
5P-7468	485
	487
	489
	491
5P-7469	485
	487
	489
	491
5P-7958	706
5P-8196	45
5P-8292	654
5P-8309	249
5P-8444	495
5P-9085	721
5P-9297	215
	219
	221
5P-9617	45
5P-9909	55
5Q-3215	313
5Q-3226	309
5Q-3227	310
5Q-3560	277
5Q-4212	397
5Q-4213	383
	397

6

Part.No	Page
6C-6760	423
	425
	427
	431
	433
	435
6C-8382	659
	661
6D-0692	233
6D-1641	45
	719
	721
	723
6D-3479	467
	471
	719
	721
6D-4636	81
6D-9157	325
	442
6E-2163	553
6E-2271	545
	553
6E-2274	541
	549
	556
	559
6E-3653	549
6E-4816	541
6E-5169	551
6E-5643	549
6E-5731	541
	543
	551
	556
	559
6F-4855	327
6F-7045	135
6F-7556	31
6F-7557	31
6G-2256	95
	97
6G-2263	93
	95
	97
6H-7378	826
6I-1418	194
6I-2501	68
6I-2502	68
6I-5134	765
6I-5135	765
6I-5136	765
6I-5298	523
6I-5342	633
6I-5470	619
6I-6033	239
6I-6354	796
6I-6371	804
6I-6404	795
6I-6405	795
6I-6406	795
6I-6583	233
6I-6585	233
6I-6721	399
6I-6795	554
	588
6I-6923	573
6I-9454	316
	318
6J-2680	325
	441
	441.02
6K-0806	520
	521
6K-8178	91
	93
	151
6L-3616	762
	763
	764
	765
	766
6M-5062	560
6P-2215	236
6P-2216	236
	241
	250
6V-0400	393
	395
	411
	413
	414
	415

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	416		31		203
	437		79		637
	439	6V-5266	45	6V-8236	31
	442	6V-5326	593	6V-8337	525
	481		595	6V-8362	147
	483	6V-5393	551	6V-8363	228
	485	6V-5556	509	6V-8370	228
6V-0683	457		549	6V-8378	149
	457.04	6V-5597	541	6V-8397	377
6V-0745	408		543		379
6V-0852	325		549		383
	458		551		391
	458.01		556		397
	461		559		437
	463	6V-5645	133		439
	467	6V-5683	621		441.02
	471	6V-6715	651		451
	475	6V-7238	503		453
6V-1874	487	6V-7357	519		455
	489		654		457
	491		719		457.02
6V-3265	646		721		457.04
	719	6V-7636	619		458
	721	6V-7658	296		458.01
6V-3342	765		328		459
	766	6V-7661	311		461
6V-3922	541	6V-8186	149		463
	549	6V-8187	133		464
	551	6V-8200	343		467
6V-3938	573		345		468
6V-3965	325		382		471
	458		384		472
	458.01	6V-8202	573		475
	461		680		476
	463		680.01		477
	467		690		479
	471		690.01		571
	475		694		604
6V-4298	333		694.01	6V-8398	377
6V-5200	504		699		383
6V-5210	111		699.01		397
	223	6V-8218	554		419
	224		588		421
6V-5215	21	6V-8231	62		423

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	425		379		457
	427		451		457.02
	428		455		457.04
	429		457		458
	431		457.02		458.01
	433		457.04		459
	435		458		461
	437		458.01		463
	439		459		464
	441		464		467
	441.02		467		468
	451		468		471
	455		471		475
	457		472		477
	457.02		477		479
	457.04		479	6V-8774	457
	458	6V-8637	441		457.04
	458.01		441.02	6V-8781	379
	477		497		453
	485	6V-8639	431		455
	493		433		457
	498		435		457.02
	555		441		457.04
	576		455		472
6V-8400	567		457	6V-8784	491
6V-8467	375		457.02	6V-8978	554
6V-8624	441		457.04		588
	441.02		458	6V-8981	433
6V-8625	377		458.01	6V-8994	397
	437	6V-8713	45	6V-8995	428
	439		379		429
	455	6V-8716	400	6V-9001	377
	457		403		451
	457.02		491		455
	457.04	6V-8721	437		457
	477		439		457.02
6V-8626	379	6V-8722	471		457.04
6V-8627	383	6V-8724	379		459
6V-8632	471		391		464
6V-8633	383		437		467
6V-8635	399		439		468
	495		451		471
	496		453		472
6V-8636	377		455		479

PART NUMBER INDEX

Part.No	Page
6V-9002	441
	441.02
	451
	455
	457.02
	485
6V-9004	458
	458.01
	489
	491
6V-9005	489
	491
6V-9007	441
	441.02
	458
	458.01
	489
	491
6V-9008	485
	495
	497
6V-9168	397
6V-9169	428
	429
	433
6V-9175	379
6V-9182	403
6V-9491	143
	145
6V-9672	111
6V-9746	377
	379
	383
	393
	395
	399
	400
	403
	404
	408
	441
	441.02
	458
	458.01
	489
	491
	493
	496
	497
6V-9808	431
	435
6V-9829	461
	463
	467
	471
	475
6V-9833	495
6V-9836	455
	457
	457.02
	457.04
	461
	463
	467
	471
	475
	476
	477
6V-9837	377
6V-9839	491
6V-9840	487
	489
	491
	495
6V-9843	477
6V-9844	437
	439
6V-9850	377
	455
	457.02
6V-9852	471
6V-9854	487
	489
	491
	495
6V-9872	379
	391
6V-9875	487
	489
	491
6V-9876	441
	441.02
	476
6W-6005	93
	151
6W-7293	719
	721
6Y-0473	312
	313
6Y-5408	817
6Y-5409	816
6Y-5472	814
6Y-7409	816
6Y-8186	320
	321
7C-1493	45
7C-4354	391
7F-8268	312
	313
7G-1060	127
7G-5984	485
7G-5985	485
7G-5986	485
7H-3171	296
	311
7I-0375	719
	721
	723
7I-0717	268
	270
	272
7I-0800	255
	825
7I-0966	509
7I-1026	534
7I-1105	471
7I-1248	541
	543

7

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	551		97		475
	556		120		476
	559		124		477
7I-1533	833		127		479
	833.06		137		495
	839		139		497
	839.06		154		498
7I-2272	343		157		652
	549		158		671
	579		161		719
	581		163		721
7I-2673	55		165		723
	95		171	7M-7410	581
	97		177	7M-8485	233
	99		179		341
	215		185		377
	217		187		399
	219		189.02		400
	221		189.04		403
	697		196		485
	697.01		379		487
	699		397		489
	700.01		428		491
7I-6395	826		429		495
7I-6508	831		431		496
	833.04		433		497
	837		435		541
	839.04		437		549
7I-6843	778		439		599
7I-7131	518		441	7N-0719	133
7I-7439	477		441.02		135
7I-8084	575		451	7N-3718	217
	586		453		221
	603		455	7T-3401	815
7J-9108	379		457	7T-3402	813
	419		457.02	7T-3403	815
	421		457.04	7T-6799	147
	471		458	7T-8890	641
	560		458.01	7V-2882	752
7J-9933	509		461		754
7K-1181	45		463		755
	91		467		757
	93		471		758
	95		472		759

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
7W-3556	36		667	7Y-0252	503
7W-9028	45	7X-2554	55	7Y-0254	801
7X-0578	619	7X-2555	665.03	7Y-0357	804
	627	7X-2557	339	7Y-0358	804
7X-0796	31	7X-2558	504	7Y-0366	780
	39	7X-2559	656		781
	203	7X-2562	230		804
7X-0818	50	7X-2563	235	7Y-0463	337.01
	95	7X-2565	307	7Y-0466	337.01
	464		308	7Y-0467	337.01
7X-0851	804		309	7Y-0468	337
7X-1451	408		310		337.01
7X-2459	463	7X-2568	233		525
	467	7X-2576	235	7Y-0623	659
	471	7X-2583	267		661
7X-2532	38		269	7Y-0633	281
7X-2533	95		271		283
	651	7X-2619	95		285
	724	7X-2621	95		287
7X-2535	75		99	7Y-0682	300
7X-2536	196		127	7Y-0729	779
	299		158		780
	528		171		782
	531		549		783
7X-2543	423	7X-3164	423		784
	425		425		785
	427		427		804
	431	7X-7644	829	7Y-1426	233
	433		831	7Y-1430	233
	435		833.02	7Y-1431	233
7X-2544	485		833.04	7Y-1432	233
7X-2545	559		835	7Y-1433	233
7X-2548	283		837	7Y-1434	233
7X-2549	397		839.02		503
	411		839.04	7Y-1558	233
	413	7X-7729	55	7Y-1607	307
	419		75	7Y-1608	308
	421		485	7Y-1647	275
7X-2553	226		713		277
	411		715	7Y-1648	275
	413	7Y-0063	271		277
	442	7Y-0070	826	7Y-1650	275
	659	7Y-0223	233		277
	661	7Y-0225	233	7Y-1746	297

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	298	7Y-3951	111		515
7Y-1781	299		113	7Y-4212	513
7Y-1863	275		115		515
	277		117	7Y-4213	513
7Y-1924	95		146		515
7Y-1976	55	7Y-3952	115	7Y-4215	341
	57		117		513
7Y-2219	786		146		515
	787	7Y-3954	111	7Y-4216	513
	789	7Y-3958	113		515
	790		117	7Y-4217	513
	791	7Y-3962	101		515
	792		113	7Y-4222	513
	802		146		515
7Y-2292	268		180	7Y-4224	513
	270		189.05		515
	272		225	7Y-4267	507
7Y-2522	761	7Y-3963	101	7Y-4268	507
7Y-2579	743		113	7Y-4390	439
	745		117		453
	747		123	7Y-4399	461
	748		125		463
	751		146	7Y-4538	411
7Y-2580	748		189.05		413
7Y-2670	765		225		414
7Y-2853	241	7Y-3964	101		415
	243		113		416
7Y-2854	241		146	7Y-4562	442
	243		180	7Y-4594	748
7Y-3470	637		189.05	7Y-4631	369
7Y-3472	637		225	7Y-4817	518
7Y-3474	640	7Y-3965	101	7Y-4868	388
	646		113		393
7Y-3729	491		117		395
7Y-3730	483		123		399
7Y-3731	487		125		408
	489		146		419
	491		189.05		421
7Y-3732	496		225	7Y-5074	481
7Y-3820	101	7Y-3995	101	7Y-5219	549
7Y-3821	101	7Y-4193	453	7Y-5221	507
7Y-3919	664	7Y-4199	467	7Y-5226	95
7Y-3920	664		471		593
7Y-3950	113	7Y-4202	513		595

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
7Y-5243	535	7Y-8561	725		313
7Y-5247	485	7Y-8737	87	8E-5599	312
7Y-5272	335		89		313
7Y-5280	82		89.01	8E-5600	307
7Y-5456	91		89.02		308
	93				309
7Y-5458	148				310
7Y-5464	148	8			311
7Y-5505	111			8E-5601	311
7Y-6108	826	8C-3095	651	8E-5602	311
7Y-6402	801	8C-3445	45	8E-5605	311
7Y-6442	388	8C-3446	45	8E-5606	311
7Y-6510	388		325	8E-5608	311
7Y-6511	388	8C-3451	325	8E-6258	813
7Y-6601	800	8C-5607	651	8E-6259	805
7Y-6627	761	8C-5608	651		806
7Y-6641	767	8C-5917	104		807
7Y-6649	767		152		808
7Y-6660	801	8C-5918	105		813
7Y-6664	801	8C-6354	117	8E-6792	311
7Y-6665	801	8C-8968	379	8E-6793	311
7Y-6666	801	8C-8992	263	8E-8585	320
7Y-6667	801		264		321
7Y-6668	801		265	8E-8586	320
7Y-6671	801		266		321
7Y-6673	801		314	8E-9490	793
7Y-6674	801		315		794
7Y-7364	635	8E-0836	814	8E-9805	230
7Y-7904	408	8E-0837	815	8F-1434	149
7Y-8036	399	8E-0838	816		228
7Y-8099	541	8E-0839	817	8H-3481	653
7Y-8165	97	8E-0840	816	8H-5303	135
7Y-8167	81	8E-3751	805	8H-5306	135
	99	8E-3752	809	8H-9819	325
7Y-8309	471	8E-3756	807	8J-1256	95
7Y-8379	458	8E-3757	811	8J-4645	341
	458.01	8E-4359	296	8J-4953	810
7Y-8436	517	8E-4402	814	8J-4954	810
7Y-8437	517	8E-5031	312	8J-4955	782
7Y-8463	520		313		809
	521	8E-5032	312	8L-2779	563
7Y-8478	479	8E-5035	312	8M-2772	762
7Y-8487	457		313		763
	457.04	8E-5037	312		764

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	765	8T-0360	275		99
	766	8T-0362	275		127
8M-2773	719	8T-0380	804		131
8N-0869	104	8T-1158	567		139
8S-0934	704	8T-1159	311		151
8S-4723	704	8T-1447	357		154
8S-4724	704		367		157
8T-0075	461	8T-1687	441.02		158
	463	8T-1779	437		165
	467		439		167
	471		455		171
	475		457.02		175
8T-0078	491	8T-1905	458		187
8T-0114	528		458.01		213
	531		461		215
8T-0198	487		463		217
	489		467		219
	491		468		221
8T-0266	711		471		239
8T-0267	325		475		241
8T-0269	665.02	8T-2353	391		275
	665.03	8T-2920	441		277
	665.04		441.02		325
8T-0286	95	8T-3008	599		336
8T-0288	575	8T-3647	719		377
	586		721		379
	587		723		383
8T-0328	82		729		388
	87	8T-3653	380		391
	89		381		404
	89.01	8T-4121	43		405
	89.02		45		406
	95		47		407
	109		53		414
	111		55		415
	133		57		416
	179		64		419
	236		70		421
	333		75		423
	652		81		425
	713		91		427
	715		93		431
8T-0341	379		95		435
8T-0343	567		97		437

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	439		764		81
	451		765		93
	455		766		151
	457	8T-4123	38		213
	457.02		233		215
	457.04		235		217
	467		281		219
	471		283		221
	472		285		259
	476		301		326
	479		302		343
	483		303		345
	485		304		391
	487		305		567
	489		307		725
	491		308		762
	493		309		763
	518		310		765
	527		743		767
	528		745	8T-4134	635
	531		747	8T-4136	45
	541		748		53
	549		751		55
	556		752		81
	559		753		91
	645		754		93
	646		755		95
	663		756		157
	664		757		275
	665.06		758		277
	666		759		325
	667		760		339
	671		761		341
	679		773		343
	713	8T-4127	109		345
	715	8T-4131	773		379
	719	8T-4132	389		423
	721		390		425
	723		769		427
	724		771		437
	725		775		439
	729		777		451
	762		778		457
	763	8T-4133	75		457.04

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	467		457.04		425
	471		472		427
	485		493		441
	487		528		441.02
	489		531		485
	491		619		495
	518		665.06		593
	527		713		595
	528		715		659
	531		719		661
	569		721		665.02
	571		723	8T-4140	84
	713		724		84.01
	715		725		294
	719	8T-4138	239		295
	721		721		322
8T-4137	45	8T-4139	38		339
	53		55		537
	55		67	8T-4167	235
	57		75	8T-4171	133
	64		239		157
	75		241		158
	81		243		165
	91		339		179
	93		377		185
	95		383		196
	97		388		726
	99		389	8T-4172	31
	127		390		455
	131		393		457.02
	154		395		723
	167		397		729
	187		399	8T-4174	656
	213		400	8T-4175	339
	241		403	8T-4176	339
	275		408		487
	277		411		489
	297		413		491
	298		414	8T-4177	461
	325		415		463
	341		416		467
	391		419		471
	451		421		475
	457		423	8T-4178	377

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	433		413		151
8T-4179	81		414		165
	255		415		167
	268		416		175
	270		419		281
	272		421		283
	299		428		285
	306		429		467
	404		433		471
	607		437		476
	609		439		479
	725		723		527
	761		729		645
8T-4182	75	8T-4185	93		646
	93		97		664
	95		379		667
	377		388		679
	404		419		719
	405		421		721
	406		423		723
	407		425		762
8T-4183	38		427		763
	239		433		764
	262	8T-4186	45		766
	325		383	8T-4192	151
	414		485		236
	415	8T-4189	50		241
	416		57		243
	423		208		260
	425		241		262
	427		348		341
	431		464		348
	433		654		377
	435		725		379
	457	8T-4190	215		457
	457.04		217		457.04
	485		219		461
	487		221		463
	489		607		467
	491		609		471
	503	8T-4191	19		475
8T-4184	393		70		479
	395		99		495
	411		139		659

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	661		382		268
	662		383		270
	665		384		272
8T-4193	537		385		286
	665.04		386		287
	802		387		325
	803		391		333
8T-4194	333		487		343
	411		489		345
	413		491		377
	414	8T-4197	45		379
	415	8T-4198	404		382
	416		405		383
	419		406		384
	421		407		385
	442		431		386
	481		435		387
	485		451		388
8T-4195	57	8T-4199	95		389
	81		275		390
	93		277		393
	99	8T-4200	50		395
	167		55		397
	187		211		399
	260		259		400
	261		619		403
	325		632		404
	336		634		408
	388		719		411
	541		721		413
	549		723		414
	556	8T-4205	133		415
	559	8T-4223	37		416
	663		38		419
	666		55		421
	671		67		423
8T-4196	57		151		425
	93		207		427
	341		223		428
	343		224		429
	345		243		433
	379		255		437
	380		259		439
	381		262		441

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	441.02		211		397
	442		241		419
	457		243		421
	457.04		259	8T-4648	377
	461		325		383
	463		461		399
	467		463		411
	471		464		413
	475		467	8T-4779	619
	479		471	8T-4780	281
	481		475		283
	483		479		285
	485		528		743
	487		531		745
	489		619		747
	491		623		748
	493		632		751
	495		634		752
	496		654		753
	503		659		754
	600.01		661		755
	600.02		681		756
	607		683		757
	609		684		758
	659		686		759
	661		687		760
	662		688		761
	723		689	8T-4896	380
	725		691		381
	729		693		382
	743		695		384
	745		698		385
	747		700		386
	748		702		387
	751		719	8T-4908	243
	761		721		325
8T-4224	45		723		479
	50		729	8T-4910	377
	55	8T-4226	93		382
	57		151		384
	75	8T-4244	223		385
	196		224		386
	198		286		387
	199		287		496

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	607		489	8T-6842	833
	609		491		833.06
8T-4944	513	8T-5460	301		839
	515		302		839.06
8T-4956	241		303	8T-6868	600.01
	243		304		600.02
	256		305		607
	325		773		609
	379	8T-5878	307	8T-6870	467
	414		308		471
	415		309		472
	416		310	8T-6912	95
	428	8T-6411	211	8T-7087	485
	429	8T-6412	211	8T-7338	292
	433		623	8T-7547	45
	441		627	8T-7811	516
	441.02		630	8T-7877	563
	485	8T-6466	75	8T-7930	397
	487		97	8T-7964	27
	489		379	8T-7971	325
	491		431	8T-8729	89.01
	493		435		89.02
	496		467		118
	743		471		141.01
	745		729		228
	747		767	8T-8730	188
	748	8T-6685	31	8T-8737	95
	751		414		101
8T-4970	133		415		103
	211		416		113
	640		549		115
	646	8T-6693	111		117
	665.07		236		123
8T-4971	719		333		125
	721	8T-6703	51		129
	725		53		138
8T-4984	53		55		140
	55	8T-6759	518		146
8T-4986	63		549		148
8T-4987	67		567		154
8T-5005	154		581		155
	175		585		168
8T-5049	348		593		172
8T-5092	487		595		180

PART NUMBER INDEX

Part.No	Page
	181
	182
	183
	188
	648
	723
8T-8799	101
8T-9403	377
	406
	407
	483
8T-9533	573
8T-9598	35
	48
8T-9756	105
8T-9757	105
	153
8V-1715	656
8Y-6352	615
	617
8Y-6967	607
	609
9	
9B-7233	109
	147
9F-2167	377
	496
9F-5644	135
9G-0002	105
9G-0003	105
	153
9G-0004	104
	152
9G-0005	105
9G-4336	101
9G-4343	103
	109
	133
9G-7641	143
	145
	147
9G-8909	105
9J-0705	560
9J-0707	563
9J-3167	779
	780
	805
9J-3169	801
	813
9J-3175	806
9J-4309	807
9J-4359	811
9L-9188	45
9M-5590	567
9M-8406	81
9N-4302	805
9N-4303	807
9N-4352	809
9N-4353	811
9S-4180	328
	549
9S-4181	487
	489
	491
9S-4182	442
9S-4185	339
	379
	441
	441.02
	471
	487
	489
	491
	497
	513
	515
9S-4188	45
9S-4191	343
	348
	379
	451
	457
	457.04
	459
	464
	571
	602
9S-6130	601
9S-8001	579
9S-8004	81
	516
	569
	579
9S-8005	569
	571
	579
	581
9S-8006	561
9T-0835	346
9T-1614	593
	595
9W-0844	101
	103
	115
	123
	125
	129
	168
	181
	188
	229
9W-0852	101
	103
	123
	125
	129
	168
	172
	180
	181
	182
	215
	219
9W-1951	117
9W-2142	312
	313
9W-2201	296
9W-2358	812
9W-2359	812

PART NUMBER INDEX

Part.No	Page
9W-3137	320
	321
9W-3138	320
	321
9W-3361	316
	317
	317.01
	318
	319
	319.01
9W-3619	316
	317
	317.01
	318
	319
	319.01
9W-6472	812
9W-6473	812
9W-8308	808
9W-8309	808
9W-9188	808
9W-9189	808
9W-9351	317
	319
9W-9455	296
9X-0196	103
9X-0199	228
9X-2041	611
	613
	619
	624
	673
	675
9X-2042	107
	109
	111
	120
	211
	213
	615
	617
	619
	623
	627
	630
	634
	635
	645
	673
9X-2043	211
	213
	671
9X-2044	107
	109
	615
	619
	620
	627
	635
	645
	653
9X-2045	619
	627
	633
	671
9X-2046	647
	653
9X-2201	63
	442
9X-2206	87
	89
	89.01
	89.02
9X-2328	198
	199
9X-2404	365
9X-2480	193
9X-3401	36
	103
	117
	123
	129
	130
	138
	140
	148
	155
	168
	183
	189
	325
	451
	458
	458.01
	459
	464
	467
	468
	471
	475
	648
9X-3402	138
9X-3404	151
9X-3463	222
	223
	224
9X-6032	380
	381
	385
	386
	387
9X-6153	621
9X-6165	651
9X-7298	375
9X-8256	75
	77
	79
	93
	95
	107
	109
	133
	157
	158
	165
	171
	179
	185
	193
	196
	198
	199

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	211		667		361
	239		802		363
	259		803		365
	325	9X-8600	87	085-9310	84
	519		89		84.01
	627				322
	640			085-9429	202
	645	0		085-9513	20
	646			086-0255	357
	653	003-7764	81		367
	654		87	086-0321	802
	665.02		89	086-0322	802
	665.03		89.01	086-0523	778
	665.04		89.02	086-1345	371
	665.07	006-6803	573	086-1346	371
	713	012-0380	134	087-3908	239
	715	030-0167	563	087-3909	239
	719	033-5853	45	087-4402	451
	721	033-6036	563		459
	724	033-6038	45		464
	725	033-8248	762		468
	726		763	087-4411	455
9X-8257	215		764		457.02
	217	085-6444	625	087-4456	349
	219	085-6445	625	087-4531	455
	221	085-6446	625		457
	226	085-6447	625		457.02
	292	085-6448	625		457.04
	389	085-6449	625	087-4534	455
	390		633		457.02
	411	085-6452	619	087-4683	678
	413	085-7079	573	087-4710	567
	442	085-7080	573	087-4742	513
	504	085-7081	573		515
	533	085-7083	573	087-4743	513
	537	085-7084	573		515
	607	085-7329	95	087-4757	513
	609	085-7356	468		515
	619	085-8037	646	087-4786	513
	656	085-8604	359		515
	659		361	087-5166	569
	661		363		571
	665.03		365	087-5303	453
	665.04	085-8605	359	087-5708	567

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
087-5709	567		745		756
087-5760	457		747		757
	457.04		748		758
087-5762	457		751		759
	457.04	093-0115	281		760
087-5764	467		283		761
	471		285	093-1291	419
087-5766	463	093-0116	743		421
087-5772	457		745	093-1294	383
	457.04		747	093-1342	778
	467		751	093-1344	769
	471	093-0349	281		771
087-5774	455		283		775
	457		285		777
	457.02		743	093-1345	773
	457.04		745	093-1433	372
	472		747		761
087-5780	479		748	093-1436	300
087-5805	769		751	093-1512	300
	771		752	093-1571	371
	775		753	093-1729	503
	777		754	093-2069	226
087-5838	765		755	093-5432	57
087-5840	764		756	093-7521	329
087-5841	743		757	093-7638	826
	745		758	094-0580	233
	747		759	094-0584	503
	748		760	094-0611	233
	751		761		503
	761		773	094-0616	233
087-5908	301	093-0352	761	094-0747	357
087-5966	766	093-0357	761		367
087-5974	803	093-0363	281	094-0876	525
087-5975	803		283	094-1399	513
087-5976	803		285		515
087-6585	464		743	094-1509	503
090-8865	656		745	094-1516	503
091-3474	27		747	094-1528	233
	59		748	094-1542	233
091-9035	93		751	094-1875	341
093-0083	281		752		343
	283		753		345
	285		754		348
093-0084	743		755		513

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	515		89.02	095-1578	547
094-1881	343		652		564
	345	095-0742	623		567
094-1882	339		717		574
	341	095-0755	619		603
	343	095-0826	325	095-1579	554
	345		664		588
	513	095-0827	623	095-1580	582
	515		627	095-1582	334
094-1900	507		630		582
094-1920	380		717	095-1584	590
	381		726	095-1585	513
094-1931	359	095-0843	259		515
	361	095-0863	320		599
	363		321	095-1586	513
094-2080	109	095-0882	507		515
094-4628	20	095-0886	503		517
	21	095-0891	233		525
094-7134	22		503		555
094-7154	22	095-0913	719		576
094-7516	22		721		585
094-7583	62		723	095-1587	517
094-7741	19	095-0936	567		554
094-9266	46	095-0946	341		588
094-9267	46	095-0965	573	095-1590	517
094-9424	19	095-1022	503		541
094-9525	27	095-1056	826		543
094-9725	79	095-1057	826		549
094-9950	201	095-1066	826		551
094-9980	201	095-1070	826		554
095-0085	201	095-1260	567		556
095-0410	201	095-1270	233		559
095-0707	510	095-1386	81		573
095-0723	107	095-1388	42		582
095-0728	127	095-1519	327		588
	527	095-1543	57		590
	635	095-1547	601	095-1594	569
	646	095-1572	513		571
095-0735	179		515		593
	528	095-1575	513		595
	531		515	095-1595	507
095-0736	87		549	095-1596	590
	89		599		596
	89.01	095-1576	585	095-1597	380

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	381		585	095-8638	27
	385	095-1786	554		46
	386		588		49
	387	095-1787	541		59
095-1600	382		543		194
	384		549	095-8799	29
095-1601	517		551		75.01
	599		556	096-0061	665.07
095-1602	599		559	096-0121	348
095-1603	551	095-1788	343	096-0131	761
095-1608	325		345	096-0854	371
095-1625	375	095-1789	569	096-1055	375
	518		571	096-1421	414
095-1657	599		593		415
095-1680	348		595		416
095-1681	328	095-1852	826	096-1519	513
095-1685	513	095-1855	826		515
	515	095-1857	826	096-1521	513
095-1698	509	095-2005	19		515
	585	095-2038	79	096-1522	513
095-1700	513	095-2039	19		515
	515		77	096-1523	513
	599	095-2623	784		515
095-1703	596	095-2927	300	096-1545	516
095-1704	300	095-5564	784	096-1567	357
095-1707	596	095-6639	326		367
095-1710	573	095-7378	513	096-1568	357
095-1716	518		515		367
095-1717	334	095-7380	513	096-1570	359
	357		515		361
	367	095-7382	513		363
095-1719	371		515	096-1571	359
095-1720	369	095-7383	513		361
095-1721	359		515		363
	361	095-7384	513	096-1628	525
	363		515	096-1773	233
095-1723	365	095-7386	513	096-1774	233
095-1730	325		515	096-1775	233
095-1750	555	095-7387	513	096-1776	233
	576		515	096-1777	233
095-1751	555	095-7419	339	096-1778	233
	576		513	096-1779	233
095-1778	549		515	096-1780	233
095-1785	517	095-7930	664	096-1781	233

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
096-2500	79	096-4447	384	096-8490	58
096-2501	19	096-4449	387	096-8569	29
	33	096-4480	382	096-8619	49
	207		385	096-9435	31
096-2617	522		386	096-9528	31
096-2622	623		387	096-9532	31
096-3216	357	096-4498	525		49
	367	096-4747	804	099-0139	625
096-3321	46	096-4748	804	099-0596	375
096-3741	19	096-4755	235	099-0600	375
	27	096-4876	778	099-0699	375
096-3773	561	096-4878	343	099-0700	375
096-3780	259		345	099-0707	778
096-3785	513	096-4882	659	099-0823	619
	515		661		627
096-3786	513	096-4883	485	099-2096	348
	515	096-4902	275	099-2374	713
096-3787	513		277		715
	515	096-5625	359	099-2503	77
096-3788	513		361	099-3246	826
	515		363	099-3249	826
096-3884	623	096-5915	513	099-3250	826
096-3944	341		515	099-3506	632
096-3964	357	096-5916	513		634
	367		515	099-3629	629
096-3978	513	096-5919	513	099-3645	706
	515		515	099-3649	455
096-3983	341	096-5962	107		457.02
096-4003	513	096-6073	334	099-3669	343
	515	096-6166	109		345
096-4035	55		111	099-3670	343
	57		127		345
096-4129	236		143	099-3671	343
096-4376	513		145		345
	515		527	099-3913	202
096-4377	513		635	099-4420	19
	515		646	099-4437	77
096-4378	513	096-6210	359		79
	515		361	099-4460	207
096-4389	515		363	099-4643	39
096-4402	357		365	099-5041	77
	367		369		79
096-4412	385	096-7803	357	099-5572	365
096-4430	369		367	099-5573	365

PART NUMBER INDEX

Part.No	Page
099-6109	343
	345
099-6110	343
	345
099-6111	343
	345
099-6112	343
	345
099-6113	343
	345
099-6115	343
	345
099-6117	343
	345
099-6118	343
	345
099-6119	343
	345
099-6120	343
	345
099-6121	343
	345
099-6122	343
	345
099-6123	343
	345
099-6124	343
	345
099-6125	343
	345
099-6126	343
	345
099-6127	343
	345
099-6128	343
	345
099-6136	567
099-6137	525
	567
099-6141	567
099-6144	567
099-6145	567
099-6418	244
	245
099-7127	111
099-7464	826
099-8232	487
	489
	491
100-2881	633
100-3866	533
100-4336	719
	721
101-2846	111
101-7397	483
	487
	489
	491
101-7398	377
	496
101-7401	489
	491
101-7402	348
	485
	487
	489
	491
101-7403	483
101-7404	377
	483
	487
	489
	491
101-9848	236
102-1119	752
102-1120	404
102-1248	487
	489
	491
102-1279	404
102-1291	404
102-4861	848
102-4862	848
102-7685	475
102-7964	113
	117
	123
	129
102-7965	113
	117
	123
	129
	180
102-8016	111
102-8802	36
	87
	89
	89.01
	89.02
	101
	109
	118
	129
	134
	141.01
	145
	146
	149
	154
	188
	208
	227
	325
	451
	459
	464
	467
	468
	471
	475
102-8803	103
	115
	117
	137
	155
	198
	199
	227

1

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	228		491	108-4282	491
102-8804	129	105-3483	483	108-7118	437
102-8805	50	105-3484	455		439
	148		457.02	108-7313	467
102-8806	123	105-3487	239		471
103-2529	101		259	108-7354	377
	188	105-6431	762	108-7360	479
103-8173	549		763	108-7375	461
103-8177	551		765		463
103-8236	331		766		475
103-8252	547	105-9526	646		479
	564	105-9527	646	108-7516	459
	574	106-0107	143		464
103-8253	547		145		468
	564		148		475
	574	106-0210	148	108-7550	377
103-8254	547	107-1567	497	109-2667	538
	564	107-3300	806		539
	574	107-3308	805	109-5152	543
103-8255	547		806		546
	564		807	109-9313	64
	574		808	109-9329	38
103-9011	25	107-3350	810	110-5496	455
104-7293	545	107-3400	814		457.02
	553	107-6370	539	110-5525	507
104-7294	545		546	111-0982	433
	553	107-6371	539	111-0988	461
104-7296	545		546		463
	553	107-6479	567		467
104-8750	414		603		471
104-8774	479	107-6540	554		475
104-8783	479	107-6541	554	111-4799	228
104-8838	455	107-6631	451		678
	457.02		459	111-4816	113
104-8903	479		464	111-4836	93
105-1321	562		468		95
	563	107-6954	513		97
105-2575	371		515		99
105-2577	371	107-6955	513		127
105-2578	371		515		167
105-2579	371	107-6969	513		187
105-2583	371		515		215
105-3477	483	107-8618	137		217
	489	108-1782	383		219

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	221	114-0358	809		215
	713		810		219
	715		811		391
111-4837	93		812	116-0210	111
	95	114-0359	809	116-1628	243
	97		810	116-1665	268
	99		811		270
	187		812		272
	189	114-0623	555	116-2659	67
	215		576	116-3522	333
	219	114-0706	365	116-7408	813
111-4838	91	114-0710	365		814
	93	114-0711	365		815
	97	114-0713	365		816
	127	114-0754	375		817
111-4839	91	114-1398	501	116-7409	813
	93	114-1399	501		814
	97	114-1497	233		815
	127	114-1539	233		816
111-6752	437	114-1581	503		817
	479	114-6285	239	116-9115	740
111-9758	285	114-6289	236		767
111-9916	343	114-8229	593	116-9129	388
	575		595	116-9135	850
	576	115-2677	763	117-1878	188
	587	115-2678	763	117-4166	827
111-9959	541	115-8645	453	117-5540	288
111-9998	582		457		289
112-4550	137		457.04		290
112-9717	65		479		291
113-2127	743	116-0118	75	117-6306	627
	745		93	117-6349	527
	747		95	117-6350	527
	748		97	117-6356	527
	751		99	118-4044	569
113-2276	743		127		571
	745		139	118-4057	341
	747		141		513
	751		154	118-4086	525
113-6479	483		158	118-4087	525
113-8490	109		163	118-5982	752
113-8491	109		171		753
113-8492	109		175		754
113-8493	109		187		755

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	757		146		721
	758		180	122-3979	239
	759	121-1241	109	122-3980	239
	760	121-1371	359	122-4101	245
118-6054	840		361	122-4120	239
	841		363	122-5114	513
118-9784	38	121-1372	359		515
118-9785	38		361	122-5318	507
118-9863	729		363	122-5500	391
118-9902	467	121-1459	517	122-7797	593
	471	121-1491	549		595
118-9930	38		555	122-9605	719
119-2325	383		579		721
119-2804	379		581		723
119-3662	103		586	122-9608	527
	129	121-1548	365	122-9609	527
119-5026	143	121-1549	359	122-9610	527
	145		361	122-9611	528
	652		363		531
119-5388	567		365	122-9617	671
119-5389	567	121-1558	513	122-9657	719
119-5391	567		515		721
119-5392	567	121-1611	357	123-2003	333
119-5398	554		367	123-2008	513
119-5592	755	121-1760	752		515
120-0044	198		754	123-2423	561
	199		755	123-2430	464
120-5054	848		756		605
120-7164	304		757	123-2431	604
120-7165	302		758		605
120-7167	305		759	123-2485	549
120-7168	303	121-1807	800	123-2552	605
120-7226	762	121-1809	800	124-0914	384
120-9027	678	121-1813	800	124-1008	461
121-0307	45	121-1865	531		463
121-0987	157	121-7098	719		467
121-1022	115		721		471
121-1023	133	121-7136	711		475
121-1168	117		719	124-1019	382
	129		721	124-1020	382
	146	121-7137	719	124-1021	387
121-1173	113		721	124-1034	385
	117	121-7138	711	124-1047	377
	129		719	124-1062	377

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
124-1107	411		168	127-5944	201
	413		183	127-5947	201
124-1108	411		188	127-5948	201
	413		189	127-5949	201
124-1212	441	126-1813	331	127-5950	201
	441.02	126-1865	567	127-5952	201
124-1711	64	126-1866	567	127-5953	201
	65	126-1870	371	127-6624	408
124-3953	637	126-1876	359		740
124-3966	645		363	127-6625	740
124-4003	143	126-1885	371		766
	145	126-1935	357	127-6780	416
124-4009	523	126-2016	341	127-6792	800
124-4010	522		346	127-6797	354
125-1938	747	126-2055	507		388
125-2947	48	126-2941	179	127-6844	400
125-2950	31	126-5062	316		403
125-2968	36		318		596
125-2970	46	126-9993	573	128-2135	607
125-2983	77	127-0580	619		609
125-4840	113	127-0715	815		615
125-4841	113	127-0716	780		617
	117		781		673
	123		813		675
	129	127-5272	833	128-2136	197
125-7874	95		833.06		615
	101		839		617
	103		839.06	128-2173	528
	129	127-5277	844		531
	141.01		844.01	128-4411	87
	188		845		89
125-7875	101		845.01		89.01
	103	127-5278	842		89.02
	129		842.01	128-8950	113
	188		843	128-8952	129
126-1767	188		843.01	129-3400	241
126-1768	101	127-5295	833		495
	103		833.06	129-5874	411
	113		839		413
	123		839.06	129-6466	228
	129	127-5939	201		645
	140	127-5940	201	129-7784	326
	146	127-5941	201	129-7854	341
	155	127-5943	201	129-7855	341

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
129-7857	339		721	135-2350	61
	348		723	135-2351	61
129-7859	341	133-0975	117	135-2352	60
129-7863	339		155		61
129-7921	341	133-2425	281	135-2354	61
129-7925	341		283	135-2355	61
129-7927	341		285	135-2356	61
129-7978	343	133-5813	81	135-2358	61
	345		451	135-2359	61
129-7979	339		476	135-2360	61
129-8034	333		477	135-2366	201
130-0252	719	133-5828	377	135-2369	203
	721	133-6777	513	135-2370	203
130-0270	719	133-6904	359	135-2381	202
	721		361	135-4063	414
130-3280	67		363		415
130-7596	20	133-6909	365		416
131-5818	567	133-8016	619	135-8965	667
131-5915	525	134-3284	215	135-8966	667
131-7501	87		217	136-0156	599
	89		219	136-0207	461
	89.01		221		463
	89.02	134-3299	81		467
131-8821	65	134-6921	471		471
131-8822	65	134-7089	67		475
131-8826	65	134-7178	778		477
	68	134-7179	778		479
131-8932	65	134-7258	829	137-2270	665
132-1531	766		833.02	137-3623	328
132-1805	91		835	137-3624	328
132-1806	99		839.02	137-3625	328
132-1829	109	134-7721	198	137-3626	328
	118		199		335
132-5789	75	134-7722	198	137-3628	328
	93		199		335
	107	134-8875	266	137-3631	335
	109	134-8876	266	137-3709	380
	111	134-8878	266		381
	139	134-8948	802	137-5541	79
	165	134-8950	803	138-5708	411
	175	135-2346	61		413
	196	135-2347	61	139-7099	611
	664	135-2348	61		632
	719	135-2349	61	139-7100	611

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	613		696	149-5071	113
	622		697		115
	624	147-5860	513	150-5782	339
139-7101	611		515	150-5797	343
	613	148-4632	503		345
	626	148-4633	503	150-5826	369
139-7119	628	148-4634	503	150-5827	369
139-7126	619	148-4635	503	150-5828	369
139-7127	619	148-4636	503	151-1846	395
139-7814	19	148-4637	503	151-6703	623
141-2759	109	148-4638	503		627
142-0038	495	148-4640	503		630
142-3835	262	148-4642	503	151-6704	623
142-3836	665	148-4643	503		627
142-5515	513	148-4644	501		630
	515		502	151-6705	645
142-5546	527	148-4679	500	151-6777	611
142-6582	416	148-4685	278		613
142-7768	377	148-4689	275		624
142-7769	377		277	151-6785	627
143-4254	455	148-4703	275	151-6790	629
	457.02		277	151-6792	623
143-8023	375	148-4704	275		625
143-8024	375		277	151-6793	625
143-8025	375	148-4705	233	151-6813	627
143-8033	375	148-4708	233		630
143-8149	375	148-4715	233	151-6815	627
144-0195	640	148-4732	503		630
	646	148-4733	503	151-6831	627
144-0367	63	149-1738	379		630
	485		423	151-6832	627
144-9126	829		425		630
	833.02		427	151-6841	625
	835	149-5050	171	151-6844	627
	839.02		179	151-9461	623
144-9691	645	149-5051	172	151-9497	623
144-9692	645		180	151-9557	627
145-0549	154	149-5069	115	151-9576	627
145-3031	300		172		630
145-3035	299		180	152-2938	45
145-3042	230	149-5070	113	152-2939	45
145-9278	277		115	153-2521	215
147-4184	569		172		217
147-4921	685		180		219

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	221	153-8629	596	155-2274	140
	223	153-8630	596		146
153-2523	209	153-8753	531	155-7024	719
	224	153-8762	528		721
153-2540	146		531		723
153-2541	146	153-8763	528	155-7042	635
153-2602	113		531	156-3103	61
	117	153-8798	411	156-6175	158
153-2620	103		413		165
	129		428		179
153-2630	103		429		185
153-2631	113	153-8867	419	156-6469	629
	117		421	156-6471	623
153-4906	45		493	156-6472	627
153-5223	567	154-0480	281		630
153-5239	538	154-9024	49		631
153-5276	545	155-0576	194	156-6473	628
	553	155-2259	123	156-6474	625
153-5286	543	155-2260	101	156-6475	625
153-5288	541		115	156-6554	627
	549		125	156-6555	627
153-5289	541		138	156-6562	627
	549		155	156-6579	627
153-5290	541		188	156-6598	623
	549		189	156-6599	619
153-5291	541	155-2261	113	156-6600	623
	549		115	156-6601	627
153-5292	541		146	156-6617	619
	549		168	156-6627	627
153-5293	541		181	156-6631	628
	549		183	156-6642	620
153-5295	549	155-2263	146	156-6643	623
153-5298	549	155-2265	123	156-6644	623
153-5299	549	155-2266	155	156-6645	623
153-5306	549	155-2270	101	156-6646	645
153-5309	551		113	156-6647	645
153-5311	549		115	156-6656	615
153-5313	537		129	156-6657	615
	538		141.01	157-0670	49
153-8623	343		146	158-4380	320
	345		168		321
153-8626	596		181	158-4381	320
153-8627	596		183		321
153-8628	596	155-2271	129	158-8135	553

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
158-8150	549		837	163-6637	103
158-8159	541		839.04	163-6659	117
	549	160-8759	371	163-6699	117
	556	161-3128	109	163-6700	87
	559	161-3639	623		89
158-8206	549	161-3650	623		89.01
158-8207	551	161-3663	623		89.02
158-8284	599	161-3665	623	163-6704	211
158-8985	501	161-3668	635		213
	504		636		227
158-8986	504	161-3669	636	163-6711	120
	508	161-3670	636	163-6758	109
158-8987	325	161-3671	636	163-6759	103
	330	161-3677	635		129
158-9085	377	161-3683	628	163-6790	117
	584	161-3684	627	163-6795	107
159-7782	518	161-3685	619		111
159-7784	333	161-3694	633		120
160-6822	829	161-3695	625		124
	833.02	161-3697	619		211
	835	161-3698	627		213
	839.02		630		635
160-6832	829		631		640
	831	161-3705	625		646
	833.02	161-3717	667	163-6803	117
	833.04	161-3750	654		180
	835	161-3751	653	163-6813	211
	837	161-9604	11	163-6814	211
	839.02		12	164-0497	655
	839.04		306		656
160-6841	829	161-9605	306	164-0514	623
	833.02	163-3729	281	164-0515	623
	835		283	164-0516	625
	839.02		287	164-0517	625
160-6853	829	163-3754	314	164-0518	625
	831	163-3755	314	164-0519	623
	833.02	163-4143	307	164-0523	619
	833.04		308	164-0527	619
	835		309	164-0528	619
	837		310		620
	839.02		312	164-0534	660
	839.04	163-4144	309	164-0535	662
160-6884	831		310	164-0618	654
	833.04		313	164-0619	654

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
164-0620	654	165-9282	375		755
164-0621	654	165-9431	525		756
164-0639	653	165-9435	525		757
164-0646	615	165-9436	525		758
	617	165-9438	525		759
164-0648	627	165-9439	525		760
164-0655	615	165-9442	525		761
	617	165-9443	525		769
164-0664	620	165-9444	525		771
164-0666	629	165-9448	525		775
164-4858	87	165-9460	525		777
	89	165-9463	567	166-1487	743
	89.01	165-9464	567		745
	89.02		603		747
164-6981	349	165-9470	479		748
	455		572		751
	457.02	165-9473	559		773
164-8474	607		560	166-1494	357
	609	165-9474	560		359
	615	165-9497	561		361
	617	165-9513	593		363
164-8977	455		595		365
	457.02	165-9514	593		367
164-8983	457		595		752
	457.04	165-9549	467		753
165-2823	263		471		754
165-2854	264		586		755
	265	165-9551	567		756
165-2976	244	165-9552	567		757
	245	165-9553	567		758
	246	165-9554	567		760
165-3065	665	165-9595	549		769
165-3102	268	165-9756	277		771
	270	166-1478	315		775
	272	166-1479	315		777
165-3103	268	166-1482	778	166-1495	369
	270	166-1486	743		743
	272		745		745
165-3185	481		747		747
165-3190	481		748		748
165-3194	481		751		751
165-3256	325		752		752
165-3260	441		753		753
	441.02		754		754

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	755	168-0765	509	170-9499	527
	756	168-0792	65	170-9722	627
	757	168-0794	525		630
	758	168-2628	769		631
	759		771	170-9724	615
	760		775		617
	761		777	170-9840	375
	773	168-2629	769	170-9856	375
166-1512	315		771	170-9938	375
166-1579	762		775	170-9941	375
	763		777	171-0034	554
166-3152	762	168-5057	58		588
	763	168-6761	297	171-0035	554
167-3437	211		298		588
167-3438	211	168-8451	233	171-0036	554
167-3441	211	168-9759	451		588
	222	168-9760	483	171-0037	554
167-3456	211	168-9762	483		588
	225	170-2901	81	171-0087	525
167-3487	117	170-3015	247	171-0123	582
	180		250.02	171-0124	582
167-3542	107	170-3016	241	171-0126	582
	156		243	171-0127	582
	179	170-6888	109	171-0128	582
	180	170-6890	115	171-0150	556
	699	170-6891	113	171-0183	573
	699.01		115	171-0184	573
167-3543	107	170-6929	93	171-0185	573
	156		105	171-0188	461
	179		151		463
	699	170-6993	223		467
	699.01		224		471
167-3593	107	170-9295	213		475
167-3630	113		225		575
167-3631	113	170-9324	143	171-0198	575
167-7018	619	170-9336	99	171-2208	133
167-7039	623	170-9360	259	171-2210	133
167-7042	619	170-9417	223	171-3254	61
167-7055	662		224	171-3369	55
167-7141	656	170-9418	223	171-7325	673
167-7270	829		224		676
	833.02	170-9492	646		677
	835	170-9497	526	171-7413	625
	839.02	170-9498	527	171-7414	625

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
171-7420	615	173-3503	333		641
	617		335	176-1932	646
171-7426	619	173-3505	335	176-1937	620
171-7477	633	173-3506	335	176-1938	620
171-7485	655	173-3507	333	176-1939	619
	658	173-3510	333		620
171-7486	659	173-3513	328	176-1941	620
171-7503	630	173-3515	328	176-1942	619
171-9073	70	173-3516	328	176-1946	615
171-9077	55	173-3517	328	176-1947	615
171-9383	503	173-3518	333	176-1951	625
171-9464	275	173-3529	328	176-1952	625
	277	173-3536	585	176-1953	625
171-9892	68	173-4664	487	176-1954	625
172-2939	732		489	176-1955	625
	763		491	176-1956	625
173-3384	343	173-4816	485	176-1957	625
	345	173-5089	439	176-1958	611
173-3397	343	173-7126	83		613
	345	173-7895	419		628
173-3398	343		421	176-1972	615
	345	173-7916	411		617
173-3406	348		413	176-1986	619
173-3413	343		414	176-1996	717
	345		415	176-2278	743
173-3427	341		416		745
173-3428	341	173-7995	411		747
173-3436	348		413		748
173-3439	507	173-8073	45		751
173-3440	507	174-3016	103	176-2676	825
173-3441	507		117	176-2677	825
173-3442	507		155		826
173-3443	507	174-5415	67	176-2687	848
173-3444	507	174-7791	223	176-4366	479
173-3445	507		224	176-4463	457
173-3447	507	174-9570	81		457.04
173-3450	507		83	176-4469	455
173-3451	507	176-1902	719		457.02
173-3452	508		721	176-4471	457
	509	176-1916	671	176-4472	455
173-3454	507	176-1925	659		457.02
173-3473	341	176-1928	659	176-4684	479
173-3496	341		661	176-4708	453
173-3498	341	176-1931	640	176-4743	458

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	458.01	178-5576	627	183-1035	213
176-4768	455	178-5659	702		222
	457.02	178-6450	55	183-1049	95
176-4770	441	178-6537	31	183-5916	19
	441.02	178-6538	31	183-8176	36
177-2470	339	178-6543	22	183-8177	36
177-2471	339	178-6544	22	183-8224	79
177-2553	328	178-6545	22	184-3833	601
177-2584	507	178-6552	59	184-3983	65
177-2585	348	178-6554	59	184-5560	371
177-2611	367		62	184-5724	281
177-2619	335	178-6563	40		283
177-2653	487	178-6577	194		285
	489	178-6598	37		287
	491	178-6599	37	184-8423	243
	589	178-6600	37	184-8722	268
177-2713	601	178-6601	37		270
177-5739	247	178-6633	47		272
	250.02		48	184-8862	244
177-5877	262	178-6634	48	184-9156	479
177-5879	262	178-6635	48	184-9253	395
177-5880	262	178-6636	48	184-9254	395
177-6315	665	179-5030	397	184-9255	395
177-6395	245	179-5146	400	184-9256	395
177-8068	784	179-5227	400	184-9257	395
177-8506	423	179-5260	419	184-9336	451
177-8572	425		421	185-0169	343
177-9778	81	179-7578	464		345
178-0852	281	179-7616	467	185-0194	371
	283		471	185-0201	343
	285	179-7863	485		345
	287	179-7867	485	185-0334	357
178-5422	671	179-9763	339	185-0383	451
178-5423	671	179-9806	328	185-0400	561
178-5431	641	180-3861	223	185-0407	575
178-5500	646		224	185-0423	582
178-5549	655	180-7521	286	185-0462	451
178-5569	628		287		603
178-5570	619	180-7525	286	185-0463	603
178-5572	629		287	185-0490	559
178-5573	623	180-7529	286		561
	629		287	185-1257	226
178-5574	623	180-7533	286	185-1276	846
	629		287		847

PART NUMBER INDEX

Part.No	Page
185-2793	39
185-8161	671
185-8180	623
185-8181	627
185-8182	611
	613
	627
185-8183	627
185-8187	611
	613
	627
185-8196	619
185-8197	627
185-8205	615
	617
185-8214	615
	617
185-8221	627
185-8280	620
185-8281	620
185-8284	675
185-8286	676
	677
	678
185-8290	636
185-8293	719
	721
185-8300	711
185-8302	711
185-9208	143
	145
185-9209	143
	145
186-1131	829
	833.02
	835
	839.02
186-1133	849
186-1147	829
	833.02
	835
	839.02
186-1149	833
	833.06
	839
	839.06
186-1156	851
186-1214	833
	833.06
	839
	839.06
186-3735	50
	87
	89
	95
	103
	109
	123
	125
	129
	134
	137
	149
	155
	168
	172
	180
	181
	182
	198
	199
	208
	227
186-3736	101
	103
	113
	115
	123
	125
	129
	141.01
	168
	181
186-3792	197
186-5644	769
	771
	775
	777
186-5649	773
186-5662	773
187-0661	833
	833.06
	839
	839.06
187-5693	405
	733
	734
	735
187-5976	404
	733
187-6058	406
	407
187-6417	188
187-6421	188
187-6422	188
187-6696	404
187-7070	455
	457.02
187-9977	423
	425
	427
	431
	433
	435
187-9978	423
	425
	427
187-9981	423
	425
	427
188-0046	752
	754
	757
	759
188-2084	330
	331
188-3064	320
	321
188-4140	325
	333
188-4142	328

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	333		345	194-1910	318
188-4143	328	190-7674	343	194-1911	318
188-4181	359		345	194-1912	319
	361	190-7819	532	194-1917	316
	363	190-7826	601	194-1920	316
189-2678	615	190-7865	571	194-1921	317
	617	190-9775	87	194-8353	365
189-2690	623		89	194-8354	365
189-2693	633	191-2578	503	194-8355	365
189-2694	633	191-3226	390	194-8356	365
189-2702	628	191-3235	233	194-8359	359
189-2704	619	191-3236	233		361
189-2716	633	191-5537	347		363
189-2717	634		348		365
189-2768	624	191-5539	348	194-8380	384
189-2847	632	191-5540	348	195-8212	19
	634	191-5541	348	195-8225	31
189-2849	632	191-5542	506	195-8322	41
	633		508	195-8351	40
189-2853	617	191-5543	507	195-8497	29
189-2854	617	191-5601	348		194
189-2855	615	191-5707	343	196-0711	533
	617		345	196-0807	485
189-2864	619	191-5709	341	196-0877	495
189-3396	619	192-0573	341	196-1569	659
189-3925	773	193-1736	341		661
189-9377	45	193-2764	725	196-1571	659
189-9763	339	193-2765	725		661
	341	193-5014	802	196-1572	659
	343	193-5015	802		661
	345	193-6588	400	196-1599	661
190-3523	320		402	196-1666	711
	321	193-6589	403	196-7973	34
190-3524	320	193-6590	403	196-8217	79
	321	193-6606	411	196-8366	31
190-4896	341		413		36
190-5386	831	194-1608	318		41
	833.04		319		46
	837		319.01	197-0196	579
	839.04		321		581
190-5830	79	194-1609	316	197-0199	579
190-6880	239		317		581
190-7081	243		317.01	197-0273	579
190-7673	343		320		581

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
197-0758	599	201-4535	659		361
197-2362	427		661		363
197-4385	129	201-9263	551	204-3624	371
	141.01	201-9299	328	204-3663	241
	181	201-9329	600.01	204-3737	487
198-3899	687		600.02	204-3796	600.01
	689		601	204-8137	487
	698	201-9352	561	205-0826	145
198-5389	145		562	205-3717	455
199-1286	483	201-9353	562		475
199-1609	471		564	205-6295	619
199-1863	476	201-9378	497	205-6788	33
199-1965	457.04	201-9379	477	205-8257	145
199-2178	36	202-3855	393	206-3336	528
199-2187	27	202-3856	393		531
199-2188	27	202-3857	393		532
199-2189	27	202-3858	393	206-5162	651
199-2241	79	202-3915	419	206-5165	651
199-4561	503		421	207-0144	631
199-7371	826	202-4004	453	207-0216	661
199-7394	485		457	207-6222	487
199-7398	241		457.04		489
199-7403	485	202-6996	393		491
		202-7127	411	207-6403	325
			413	207-6404	325
2		202-7128	411	208-4289	245
			413		246
200-3244	343	203-4889	243	209-2864	833
	345	203-4890	243		833.06
200-3245	343	204-1611	163		839
	345		167		839.06
200-3246	343		179	209-4280	698
	345		187	209-5894	513
200-3255	343		721		515
	345	204-1673	151	209-5909	513
200-3333	339	204-2755	516		515
200-3334	341		517	209-5917	516
200-5125	145	204-2756	516	209-5920	516
201-3888	729	204-2762	328	209-5957	369
201-4391	623	204-2819	510	209-5992	510
201-4417	619		516		512
201-4530	619	204-3622	357	209-6000	326
201-4534	659		367	209-6009	365
	661	204-3623	359	210-2921	11

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	12	214-4511	483	219-0305	659
	226	214-4512	441	219-3148	833
210-2922	226	214-4533	390		833.06
210-2956	777	214-4534	390		839
210-2957	777	214-7915	833		839.06
210-5808	619		833.06	219-6314	651
210-5827	653		839	219-8468	302
210-5828	653		839.06		304
210-5829	653	215-4909	331	219-8469	303
210-5834	653		332		305
210-5836	653		590	220-8678	83
210-5837	653	215-5037	457	220-9081	818
210-5838	653		457.04	220-9082	818
210-8012	53		577	220-9083	819
210-8117	57	215-9952	514	220-9084	797
210-8128	57	215-9961	343	220-9087	819
210-9827	400		345	220-9088	820
210-9907	431	215-9962	343	220-9089	820
	433		345	220-9090	817
	435	215-9982	231		818
212-2838	281		510		819
	283	216-4970	133		820
	285	216-6485	427		821
212-5148	487	216-6589	411		822
	489		413		823
212-5419	467	216-6676	334		824
212-5423	467	216-6677	334	220-9091	821
	471	216-6678	334	220-9092	822
212-8489	59	217-4890	821	220-9093	822
212-8521	202	217-4891	821	220-9094	799
212-8561	37	217-4892	822	220-9097	823
	202	217-4893	822	220-9098	823
212-8571	31	217-4894	823	220-9099	824
212-8572	31	217-4895	823	220-9729	391
212-8584	35	217-4896	785	221-4883	453
212-8596	35		824	221-8045	833
212-8613	202	217-5469	42		833.06
213-0677	36	217-5589	46		839
	325	218-0404	651		839.06
213-0772	109	218-1139	487	221-8813	647
213-9100	208		489	221-8859	391
213-9433	35		491		458
	79	218-5199	286		458.01
214-4501	361		287	221-8861	190

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
221-8872	193	225-4787	593	227-0590	325
221-8874	192		595	227-0620	325
	193	225-4789	593		327
222-0084	588		595	227-6034	233
	589	225-4790	593	227-6035	231
222-0085	588		595		232
222-0124	381	225-4791	593	227-6071	278
222-0126	380		595	227-6081	275
222-0225	523	225-4792	593		277
222-1080	817		595		278
222-1090	821	225-4793	593	227-6105	275
222-8238	46		595		277
222-8292	31	225-4796	593	227-6106	275
223-3040	256		595		277
223-3041	256	225-4797	593	227-6147	274
	258		595	227-6148	276
223-3042	260	225-4803	593	227-6166	234
223-4453	58		595	227-6215	501
	149	225-4804	569	227-6221	501
223-7045	391		571	227-6228	503
224-1685	334		593	227-6884	384
224-1687	334		595	227-6913	231
	495		599	227-7575	107
224-8946	831	225-4821	593	228-5463	286
	833.04		595		287
	837	225-4830	593	228-5528	738
	839.04		595		772
225-4543	341	225-4831	593	228-5614	759
225-4544	341		595	228-5615	369
225-4548	518	225-4832	593		759
225-4549	518		595		773
225-4588	352	225-4833	593	228-7092	45
	364		595	228-7316	829
225-4590	353	225-4843	383		833.02
	738		594		835
225-4591	353	225-4844	595		839.02
	368	225-5707	719	229-1009	375
225-4592	353		721	229-1091	761
	386	225-5714	719	229-1092	778
225-4607	343		721	229-1095	761
	345		723	229-1096	752
225-4785	379	226-3065	413		753
	592	227-0265	51		754
225-4786	593	227-0581	485		755

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	756		612	234-1038	133
	757	230-0280	740	234-1097	107
	758		761	234-1122	127
	760	230-2979	13	234-1156	143
229-1772	738		50		145
229-6963	817	230-4009	103	234-1158	143
229-6964	818		113	234-3927	773
229-6965	818		123	234-3928	773
229-6966	819		129	234-3930	773
229-6967	819		188	234-3931	773
229-6968	820	230-4011	101	234-4440	437
229-6969	783		103		439
	820		123		518
229-9070	640		125	234-4452	343
229-9075	694		129		345
	695		229	234-4453	343
229-9076	681	230-4013	188		345
	682	230-5010	103	234-4492	377
	695		123	234-4573	365
229-9077	695		129	234-4574	365
	696		138	234-4576	365
229-9078	667		168	234-4577	365
229-9082	707		181	234-4578	365
	708		188	234-4580	369
	716	231-1771	208	234-4581	369
229-9084	708	231-1827	93	234-4582	369
	714		105	234-4583	369
229-9086	642	231-2295	103	234-4584	369
229-9087	642		123	234-4585	369
	644		181	234-4586	369
229-9088	642	232-4102	455	234-4587	369
	646		457.02	234-4588	369
229-9093	700		582	234-4589	369
	701	232-4110	599	234-4591	386
229-9094	702	232-4111	599	234-4592	386
	705	232-4112	599	234-4629	515
229-9095	681	232-4113	599	234-4796	40
	685	232-4114	599	234-6468	615
	691	232-4117	599		617
229-9096	606	233-1277	20	234-6469	615
229-9097	607	233-1279	201		617
	610	233-1280	201	234-6470	615
229-9108	608	234-1035	133		617
229-9109	609	234-1037	133	234-6471	615

PART NUMBER INDEX

Part.No	Page
	617
234-6472	615
	617
234-6473	615
	617
234-6474	615
	617
234-6475	615
	617
234-6476	615
	617
234-6477	615
	617
234-6478	615
	617
234-6480	615
	617
234-6483	615
	617
234-6485	615
	617
234-6489	629
234-6490	615
	617
234-6491	615
	617
234-6497	615
	617
234-6498	615
	617
234-6499	638
234-6500	639
234-6501	607
	609
	638
234-6502	638
234-6521	615
	617
234-6548	615
	617
234-6549	615
	617
234-6550	615
	617
234-6579	615
	617
	673
	675
234-6580	673
	675
234-6594	611
	613
	635
234-6602	675
234-6603	673
234-6604	675
234-6605	673
234-6608	673
	675
234-6609	673
	675
234-6610	673
	675
234-6611	673
234-6612	673
234-6613	673
	678
234-6614	673
234-6615	678
235-0346	829
	833.02
	835
	839.02
235-7520	288
	289
	290
	291
235-7679	367
	369
	372
	752
	753
	754
	755
	756
	757
	758
	759
	760
	778
235-7764	292
	317
	317.01
	319
	319.01
235-7765	292
235-7769	367
	369
235-7770	365
235-8856	679
235-8857	679
235-8862	666
235-8873	713
	715
235-8874	713
	715
235-8875	713
	715
235-8876	717
235-8877	717
235-8878	717
235-8879	717
235-8880	726
235-8891	719
	721
235-8893	671
235-8894	671
235-8908	611
	614
235-8909	611
	613
	629
235-8910	611
	613
	618
235-8912	619
235-8914	673
	675
235-8917	613
	616
235-8922	615
	617

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
235-8923	615	236-3087	498	238-2219	179
	617	236-3212	481	238-2260	652
235-8926	615	236-3213	481	238-2279	133
235-8928	615	236-3257	327	238-2280	133
235-8929	615	236-3258	327	238-2318	107
235-8930	617	236-3259	327	238-2319	113
235-8932	635	236-3669	259	238-2326	211
235-8933	619	236-3670	259		213
235-8950	615	236-3671	259	238-2363	117
	617	236-3702	260		123
235-8951	677		261		129
235-8952	676	236-3703	260	238-2366	117
235-8965	673		261		129
235-8966	675	236-3747	246		146
235-8969	520	236-3748	246	238-2390	109
	522	236-6419	541	238-2391	109
235-8970	521		543	238-2501	93
	522		551		151
235-8971	522		556	238-2528	93
235-8972	522		559		151
235-8974	645	236-6421	541	239-1710	322
235-8996	676		549	239-1711	322
	677	236-8340	288		324
235-8997	677	236-8341	289	239-1714	480
235-8998	676	236-9435	259		482
235-9001	607	236-9438	259	239-1716	436
	609	236-9440	259	239-1717	438
235-9003	707	236-9570	260	239-1726	448
235-9004	707	237-1062	846		494
	712		847	239-1732	394
235-9005	713	237-3106	761		732
235-9012	640	237-3184	416	239-2564	780
	646	238-0112	204	239-2565	780
235-9014	719	238-0118	204		788
	721	238-0120	204	239-2573	783
	723	238-1506	133	239-2574	783
235-9015	719	238-1627	210		790
	721	238-1628	212	239-2575	790
	723	238-2208	156		797
235-9028	680		642	239-2576	783
	681	238-2209	156	239-2577	783
236-2843	451	238-2210	156		790
236-2844	451	238-2211	699	239-2578	790
236-2848	451		699.01		797

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
239-2579	780	239-2733	795		445
239-2580	780	239-2876	796		530
	787		799	239-8697	577
239-2581	787	239-4341	293		578
	794	239-4350	299	239-8998	577
239-2582	785	239-4362	296		580
239-2583	785	239-4378	299	240-2912	769
	792	239-4382	299		771
239-2584	792	239-4383	299		775
	799	239-4384	299		777
239-2585	785	239-4385	293	240-2913	752
239-2586	785		295		753
	792	239-4386	293		754
239-2587	792		294		755
	799	239-4387	295		756
239-2599	797		298		757
239-2641	793	239-4388	294		758
239-2649	793		297		760
239-2659	797	239-4389	297	240-2915	371
239-2683	779		298	240-2978	247
239-2684	779		299		250.02
	786	239-4390	299	240-2979	247
239-2685	786		300		250.02
	793	239-4391	300	240-2988	301
239-2686	779	239-4392	300	240-3828	731
239-2687	779	239-4393	299	240-3830	731
	786	239-4394	300	240-3833	732
239-2688	786	239-6395	67	240-3839	733
	793	239-6507	728	240-3845	733
239-2689	782	239-6604	59	240-3846	736
239-2690	782	239-6612	67	240-3849	734
	789		68	240-3851	734
239-2691	789	239-6626	730	240-3852	735
	796	239-6627	730	240-3854	736
239-2692	782	239-6630	730	240-3860	737
239-2693	782	239-6631	730	240-3867	738
	789	239-6632	730	240-3882	735
239-2694	789	239-6681	202	240-3893	849
	796	239-8677	11	240-3894	844
239-2695	781		12		844.01
239-2696	781		447	240-3895	845
	788	239-8693	443		845.01
239-2697	788		528	240-3896	842
	795	239-8695	444		842.01

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
240-3897	843	241-7300	733	242-6483	414
	843.01		753	242-6484	422
240-4999	694	241-7301	753	242-6485	430
240-5001	680	241-7303	734	242-6487	415
240-5037	703		755	242-6488	424
240-5056	690	241-7304	755	242-6489	432
240-5057	690	241-7306	735	242-6492	426
	691		757	242-6493	434
240-5058	691	241-7309	736	242-6505	396
	692		758		447
240-5060	705	241-7315	736	242-6730	350
240-5063	697		759		731
	700	241-7316	759		732
240-5064	699	241-7318	737		740
240-5065	699		768	242-6731	350
	700	241-7319	769		356
240-5071	668	241-7321	738	242-6732	350
240-5073	669		774		380
240-5074	717	241-7322	775	242-6733	351
241-1999	267	241-7324	737		731
241-2000	267		770	242-6734	351
	268	241-7325	771		358
241-2002	269	241-7330	735	242-6735	351
	740		756		352
241-2003	269	241-7331	756		382
	270	241-7379	357	242-6736	350
241-2005	271	241-7380	357		731
241-2006	271	241-7381	359		732
	272		361		740
241-7210	290		363	242-6737	350
241-7211	291	241-7382	367		381
241-7282	731	242-1510	829	242-6743	351
	742		833.02		731
241-7283	743		835	242-6744	351
241-7286	731		839.02		360
	762	242-6463	734	242-6750	352
241-7287	731		754		732
	744	242-6464	754	242-6751	352
241-7288	745	242-6475	410		362
241-7291	732	242-6476	418	242-6755	353
	750	242-6477	428		737
241-7292	751	242-6479	412		739
241-7296	733	242-6480	420	242-6756	353
	752	242-6481	429		366

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
242-6757	353		745	245-1044	101
	385		747	245-1045	101
242-6769	354		751	245-1048	101
	738		752	245-5079	451
242-6770	354		753	245-5285	442
	370		754	245-5287	442
242-6771	354		755	245-5402	325
	387		756	245-5416	439
242-6801	341		757	245-5427	437
242-6803	341		758	245-5457	833
242-6804	341		759		833.06
242-8768	685		760		839
	696		761		839.06
	697	244-4360	769	245-7749	724
243-4505	95		771		725
	101		775		726
	103		777	245-7750	726
	125	244-5747	833	245-7751	726
	129		833.06	245-7756	719
	130		839	245-7757	719
	183		839.06	245-7758	719
	723	244-7927	244		721
243-4506	189	244-7928	244	245-7760	111
243-4508	103	244-7929	245	245-7790	615
	125	244-8194	267		617
	129		269		673
	140		271		675
	155	244-8198	241	245-7791	717
	172		495	245-7792	717
	182	244-8202	243	245-7793	717
243-4509	103	244-8207	243	245-7794	670
	129	244-8219	241	245-7811	666
	138	244-8228	241	245-7813	711
	180	244-8234	241	245-7814	711
243-4510	103	244-8242	241	245-7815	711
	123	244-8255	241	245-7816	711
	129	244-8277	241	245-7817	711
	168	244-8278	241	245-7818	711
	181	244-8284	249	245-7819	711
244-4254	769	244-8288	241	245-7820	711
	771	244-8400	559	245-7823	711
244-4255	769	244-8419	535	245-7824	711
	771		558	245-7825	711
244-4277	743	245-1042	101	245-7826	711

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
245-7827	711		686	245-7926	675
245-7828	711		696	245-7929	638
245-7829	711		697	245-7931	635
245-7830	711	245-7890	685		637
245-7831	711		688	245-7948	673
245-7832	711		696		675
245-7833	711		697	245-9178	55
245-7834	711	245-7891	685	245-9185	55
245-7835	711		689	245-9191	55
245-7836	711	245-7892	696	245-9205	55
245-7837	711		698	245-9212	57
245-7838	711	245-7895	685	245-9216	57
245-7839	711		696	245-9217	57
245-7842	522		697	245-9218	57
	523	245-7896	685	245-9276	57
245-7843	523		687	245-9344	50
245-7844	522		696	245-9348	55
	523		697	245-9349	55
245-7845	523	245-7897	686	245-9352	55
245-7846	711		687	246-2641	84
245-7847	711		688		84.01
245-7850	719		689	246-5425	296
	721		698	247-2694	648
245-7851	719	245-7898	683	247-2695	648
	721		684	247-7346	319
245-7856	711		687	247-7382	317
245-7858	715		689	247-7416	444
245-7872	717		693		841
245-7873	717		698	247-7420	443
245-7882	692		702		445
	693	245-7899	686		840
245-7883	682		688	247-7436	831
	683		689		833.04
245-7885	701		698		837
	702	245-7900	281		839.04
245-7886	687		283	247-7437	831
245-7887	683		285		833.04
	693	245-7901	281		837
	702		283		839.04
245-7888	682		285	247-7438	831
	684	245-7905	711		833.04
	692	245-7916	667		837
	701	245-7922	671		839.04
245-7889	685	245-7925	673	247-7453	737

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
247-7459	448		421	248-9850	452
247-7491	446	248-1842	773	248-9851	454
	848	248-7143	294		456
247-8782	339		295		457.01
247-8864	357		296		457.03
247-8865	357	248-7174	300	248-9852	458
	367	248-7820	778		458.01
247-8866	357	248-7822	778	248-9853	322
247-8867	357	248-7823	778		440
247-8868	357	248-7835	778		441.01
247-8869	380	248-7836	778	250-2402	748
247-8870	381	248-7837	740	250-2446	549
247-8873	359		778	250-2447	551
	361	248-7838	778	250-2503	346
	363	248-7854	354	250-5054	246
247-8874	359		372	250-6415	788
	361	248-7857	375		795
	363	248-8930	252	250-6417	803
247-8876	359	248-8940	241	250-6418	788
	361	248-8961	244		803
247-8877	359	248-8992	263	251-0299	127
	361	248-8993	263		130
247-8878	359	248-8994	263	251-0303	133
	363	248-8995	263	251-0304	133
247-8881	363	248-9012	264	251-0436	158
247-8882	363		265		443
247-8883	382	248-9014	264	251-0467	93
247-8885	367		265	251-0482	157
247-8886	367	248-9016	264	251-0483	157
247-8887	367		265	251-0529	170
247-8888	367	248-9018	264		444
247-8920	341		265		445
247-8974	361	248-9020	264	251-0536	652
247-9006	371		265	251-0537	652
247-9030	411	248-9061	268	251-0542	142
247-9073	383		270	251-0543	143
247-9074	383		272		145
247-9076	383	248-9428	437		146
247-9078	383	248-9633	407	251-0544	144
247-9129	419		736		651
247-9132	419	248-9825	450	251-0579	123
247-9141	419	248-9846	484	251-0598	171
247-9144	419	248-9847	442		172
247-9298	419	248-9848	51	251-0602	120

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
251-0637	111	255-0386	796	255-0496	795
251-4162	665.07		799	255-0497	795
253-0861	829	255-0387	796	255-1663	445
	831		799		468
	833.02	255-0388	796	255-1665	451
	833.04		799	255-1666	451
	835	255-0395	784	255-1781	479
	837	255-0396	784	255-1800	443
	839.02		791		459
	839.04	255-0397	791	255-1802	444
253-1346	297		798		464
	298	255-0398	784	255-2904	46
253-2111	133	255-0399	784	255-2927	729
253-6417	428		791	255-2966	65
	429	255-0400	791		68
	433		798	255-3018	729
253-6445	415	255-0401	798		730
253-6453	415	255-0406	798	255-3020	730
253-6454	415	255-0414	798	255-3021	730
253-6455	425	255-0418	793	255-3022	730
253-6621	414		797	255-3160	81
253-6664	354		798	255-5661	543
	740	255-0419	793		547
253-6685	427		797		549
253-6694	416		798		556
253-6697	416	255-0420	793	255-5662	569
253-6754	435		797		571
254-3052	769		798		574
	771	255-0421	793		593
	775		797		595
	777		798	255-5680	483
254-3053	769	255-0422	794		568
	771	255-0423	794	255-5683	483
	775	255-0424	793		570
	777		797	255-5713	443
255-0351	796		798		444
255-0353	796	255-0425	793		534
	799		797	255-5716	445
255-0354	796		798		535
	799	255-0430	794	255-5882	571
255-0372	799	255-0475	795	255-5883	569
255-0377	794	255-0478	795	256-0093	339
255-0383	796	255-0479	795		342
255-0385	799	255-0493	795	256-0096	339

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	344	259-5043	214		674
257-2926	11		731	259-7349	671
	12		740		672
	739	259-5045	160	259-7350	613
257-2927	11		162		634
	12		164	259-7351	634
	198		166	259-7352	634
257-2928	11		444	259-7353	615
	12		445		617
	199	259-5046	174	259-7354	623
257-2929	11		448	259-7378	534
	12	259-5047	216		535
	197	259-5048	220		556
257-2931	777	259-5081	111	259-7464	536
257-2932	198	259-5082	111	259-7465	537
257-2933	199	259-5176	131		540
257-2943	197	259-5177	131		542
257-3028	846		132	259-7466	537
	847	259-5225	151		548
257-4502	831	259-5229	151		550
	833.04		153	259-7483	446
	837	259-5267	97	259-7492	443
	839.04	259-5274	133	259-7493	444
257-4503	831		134	259-7494	443
	833.04	259-5290	109	259-7495	445
	837	259-5317	97	259-7631	541
	839.04	259-5326	215		544
257-4506	833	259-5327	217	259-7632	549
	833.06	259-5344	175		552
	839		183	259-7707	519
	839.06	259-7184	724	259-7732	455
258-0330	659	259-7202	673		457.02
	661	259-7207	724		604
259-0647	386	259-7244	729	259-7733	604
259-0675	371	259-7286	729	259-7788	593
259-0918	326	259-7295	619		595
259-0922	325		621	259-7877	531
	326	259-7345	676	260-2193	647
259-3543	260		677		648
259-3687	236	259-7346	675	260-2326	286
	243		677	260-4444	472
259-3688	236	259-7347	673		587
259-4883	111		676	260-5656	77.01
259-4914	652	259-7348	671	260-6692	82

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
260-6945	840	260-8316	393		833.02
260-6946	841	260-8320	395		835
260-7868	533	260-8321	395		839.02
260-7872	487	262-2309	241	264-8671	66
	489	262-2313	241	264-8744	842
	491	262-2324	241		842.01
260-7904	533	262-2333	248		843
260-7906	533	262-2335	248		843.01
260-7912	483	262-2346	250		844
260-7966	446	262-2347	249		844.01
	478	262-2353	243		845
260-7970	447	262-2363	241		845.01
	477	262-2365	241	264-9961	549
260-7971	443	262-2405	268	264-9982	729
	460		270	264-9983	729
260-7972	443		272	264-9984	729
	462	262-2406	268	265-3504	52
260-7974	444		270	265-3557	50
	466		272	265-3581	53
260-7986	445	262-2417	268	265-3585	53
	470		270	265-3586	53
260-7988	483		272	265-3587	53
260-7992	483	262-2420	236	265-3590	53
260-7996	483	262-2427	236	265-3591	53
260-8000	481	262-2428	236	265-3599	53
260-8006	443	262-2429	236	265-3600	54
	486	262-2430	236	265-3602	55
260-8007	443	262-2432	236	265-3624	57
	488	262-2484	264	265-3625	57
260-8008	444		265	265-3628	57
	445	262-3148	429	265-3629	57
	490	262-3161	435	265-3630	57
260-8009	445	262-3402	414	265-3631	57
	492	262-3403	414	265-3632	57
260-8010	392	262-3404	423	265-3633	57
	731	262-3471	383	265-3634	57
260-8011	406		447	265-3635	57
	735	262-3511	431	265-3637	57
	736		433	265-3638	57
260-8012	498	262-4781	296	265-3639	57
260-8043	487	264-1622	775	265-3642	57
	489	264-1623	775	265-3643	57
	491	264-1708	758	266-0136	204
260-8315	393	264-8502	829	266-0912	487

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	489	266-1258	495		732
	491	266-1266	491	267-7628	219
266-0913	487	266-1278	489	267-7629	113
	489		491	267-7630	113
	491	266-1279	489	267-7636	163
266-1028	458		491		168
	458.01	266-1303	489	267-7890	11
266-1037	485		491		12
266-1045	485	266-1315	491		184
266-1055	485	266-3317	101		186
266-1071	487	266-5431	833	267-7891	11
	489		833.06		12
	491		839		176
266-1098	457		839.06		178
	457.04	266-6207	723	267-7924	11
266-1108	461		729		12
	463	266-6297	38		189
	467	266-6298	38	267-7925	189
	471	266-6299	38	267-7955	177
	475	266-6300	38		182
266-1110	379	266-6301	38	267-7976	143
266-1111	379	266-6319	62	267-7977	145
266-1114	379	266-6320	62	267-8071	663
266-1115	379	266-6321	62	268-0749	251
266-1116	379	266-6326	35		252
266-1133	461	266-6332	35	268-3317	101
	463	266-6333	35	268-6777	431
	467	266-6334	35	268-6790	419
	471	266-6335	35	268-6792	428
	475	266-6336	35	268-6850	397
266-1136	475	266-6337	35	268-6966	413
266-1139	461	266-6338	35	268-6989	421
	463	266-7928	371	268-6992	421
	467	266-7929	371	268-7001	421
	471	266-7938	371	268-7004	421
	475	266-7939	371	268-7039	399
266-1142	463	266-8035	390	268-7043	740
	467	267-0138	733		748
266-1147	379		765	268-7044	748
266-1179	471	267-6785	501	268-7046	398
	475	267-7207	101		740
266-1217	487	267-7208	101	268-7047	399
	489	267-7626	221	268-7048	399
	491	267-7627	218	268-7049	399

PART NUMBER INDEX

Part.No	Page
268-7074	496
	740
268-7183	496
268-7185	496
268-7186	496
268-7238	399
268-7240	399
268-7241	383
268-7256	352
	740
268-7257	352
	384
268-8643	189.02
269-1596	11
	12
	746
269-1597	11
	12
	760
269-1598	739
	776
269-1622	747
269-1624	760
269-1635	747
270-5497	191
	195
270-5501	196
270-5512	191
270-5526	196
270-5528	195
	196
270-5947	451
	566
270-5949	567
270-5950	567
270-5951	519
	520
270-5952	519
	521
270-5953	525
270-5974	11
	12
	447
270-6259	77
	194
270-6338	49
270-9972	11
	12
	261
270-9979	261
272-4170	11
	12
	472
272-4171	11
	12
	391
272-4190	391
272-4675	13
272-4676	13
272-4677	13
	14
	15
	16
272-4744	63
272-4773	66
	67
272-4774	200
	203
272-6955	336
	338
	340
273-5166	707
	720
273-5167	707
	725
273-5168	708
273-5169	708
	722
273-5274	627
273-5345	627
	630
273-5346	627
	630
273-5384	697
273-5399	725
273-5400	719
273-5446	703
	704
273-6716	280
273-6717	281
	285
	287
273-6721	282
273-6722	283
273-7674	263
273-7675	264
	265
273-7677	268
	270
	272
273-7725	238
	240
	242
273-7735	80
273-7774	251
273-7847	252
273-7848	252
273-7849	252
273-7964	259
273-8314	341
273-8315	341
273-8316	343
	345
273-8317	343
	345
273-8318	343
	345
273-8319	343
	345
274-2503	389
274-2504	389
274-2544	389
274-2545	389
274-2547	385
	387
274-6720	204
274-6721	194
	204
275-1361	441
	441.02
275-1362	325
275-1439	489

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	491	277-0786	411		847
275-1440	491		413	279-2865	847
275-1442	457	277-0954	414	279-2869	846
	457.04		415		847
275-1443	457		416	279-7750	201
	457.04		602	279-7859	21
275-1444	457	278-1585	706	279-7869	336
	457.04	278-2568	379	279-7870	336
275-1539	11	278-3561	195		337
	12		253	279-7871	337
	474	278-3562	253		337.01
275-1619	472	278-3581	259	279-7907	63
275-1648	379	278-3778	66	279-7909	67
275-1712	477		251	279-7911	44
275-1713	477	278-3818	260	280-2747	489
275-3667	706		261		491
275-3668	195		261.01	281-3488	57
275-3681	828	278-3832	241	281-3534	57
	830	278-3837	241	281-3535	57
	832	278-3842	241	281-3568	57
	833.01	278-3896	84	281-3588	50
	833.03	278-3897	84	281-3602	55
	833.05		85		56
275-3682	834	278-3898	85	281-3605	57
	836		86	282-5567	397
	838	278-3899	85	282-7079	477
	839.01		88	282-7086	493
	839.03	278-6470	461	282-7088	493
	839.05		463	282-7096	493
275-6783	154		467	282-7097	493
	195		471	282-7135	495
275-6784	154	278-6587	379	282-7161	447
	155	278-6593	379		497
275-6785	155	278-6756	491	282-7162	447
275-6786	155	278-6875	379		476
275-6803	137	278-6877	379	282-8567	36
	138	278-9257	287		207
275-6846	139	278-9258	287	283-2783	157
	140	279-2732	11	283-2893	723
275-6894	179	279-2733	12	283-3042	185
275-6896	179	279-2860	11		188
	181		846	283-3074	120
275-6897	177	279-2861	846	283-3905	241
	180	279-2864	12		254

PART NUMBER INDEX

Part.No	Page
283-3911	241
283-6118	372
	374
283-6119	375
283-8827	833
	833.06
	839
	839.06
283-8982	850
283-8983	850
284-4386	718
284-4426	619
284-4442	707
284-4552	721
284-7317	757
284-7325	758
285-1327	520
	521
	524
285-1465	455
	457.02
285-4470	343
	345
286-3683	194
286-4271	665.07
286-6186	81
286-6220	241
286-6276	241
286-6277	241
	254
286-6281	263
286-6283	264
	265
286-6338	268
286-6340	270
286-6342	272
286-6346	268
	270
	272
286-6359	241
286-6495	378
	447
286-6561	467
	471
286-6656	498
286-6720	379
286-6721	379
286-6760	457
	457.04
287-0047	337
287-0049	59.01
	60
287-0171	70
287-0183	70
287-0211	63
288-7410	397
288-7502	411
	413
289-5657	451
289-6424	263
289-6425	265
289-6426	264
289-6572	241
289-6583	241
289-6588	241
289-6603	263
289-6695	241
	249
289-6697	249
289-6698	241
289-6699	241
289-6700	241
289-6712	151
	248
289-6713	248
289-6805	241
289-6911	239
	245
289-6913	239
	244
289-7836	330
	332
289-8194	325
	329
289-8195	329
290-1727	829
	833.02
	835
	839.02
290-1728	831
	833.04
	837
	839.04
290-1729	829
	831
	833.02
	833.04
	835
	837
	839.02
	839.04
290-1742	829
	831
	833.02
	833.04
290-1743	835
	837
	839.02
	839.04
290-1906	829
	833.02
	835
	839.02
290-1912	347
290-9101	752
291-7463	136
	139
291-7547	133
291-7559	663
	664
291-7560	229
	664
291-7561	664
291-7591	93
	104
291-7592	151
	152
291-7593	91
291-7716	136
	137
291-7920	90
	92

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	94	293-1256	646		35
	96	293-6789	81		39
	98	293-6982	241	294-1727	31
291-7921	126	294-1436	11	294-1728	31
291-7922	106		12	294-1729	31
	108		284	294-1730	31
	110	294-1678	25	294-1731	31
291-7923	119	294-1679	25	294-1732	31
291-7924	119	294-1680	25	294-1733	31
	124	294-1682	25	294-1734	31
291-7925	119	294-1683	25	294-1736	34
	120	294-1684	27	294-1737	34
291-7927	127	294-1685	27	294-1738	34
	128	294-1686	27		46
291-7928	107	294-1687	27		47
	112	294-1688	27		58
	114	294-1689	27		62
	116	294-1693	27	294-1739	34
291-7929	124	294-1698	27	294-1740	34
	125	294-1699	27	294-1741	36
291-7930	120	294-1700	29	294-1742	36
	122		58	294-1743	36
291-9334	829	294-1702	27	294-1747	22
	833.02	294-1703	29	294-1748	22
	835	294-1704	29	294-1749	20
	839.02	294-1705	29	294-1751	20
292-7153	441	294-1706	29	294-1752	33
	441.02	294-1707	29	294-1753	32
292-7297	325	294-1708	29	294-1754	32
293-1117	721	294-1709	29	294-1755	32
293-1118	721	294-1710	29	294-1756	32
293-1119	721	294-1711	29	294-1757	32
293-1120	721	294-1712	29	294-1758	58
293-1121	725	294-1713	29	294-1760	58
293-1124	725	294-1714	29	294-1761	59
293-1127	725	294-1716	21	294-1763	60
293-1136	713	294-1720	19	294-1764	41
293-1137	711	294-1721	19	294-1765	41
293-1138	715	294-1722	19	294-1766	41
293-1140	645	294-1723	19	294-1767	40
293-1184	717	294-1724	19	294-1768	40
293-1230	719	294-1725	19	294-1769	39
	721	294-1726	31	294-1770	39
	723		34	294-1771	39

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
294-1772	39		75.01		421
294-1773	43		79	294-7251	31
294-1774	43	294-1822	79	295-9126	75.01
294-1775	43	294-1823	79	295-9685	507
	194	294-1825	79	296-4617	207
294-1776	43	294-1826	79	296-4618	207
294-1777	49	294-1827	79	296-4619	207
294-1778	49	294-1828	79	296-4621	204
294-1780	49	294-1830	79		207
294-1781	35	294-1831	75	296-4631	204
294-1784	35		79	296-4632	194
294-1785	35	294-1833	79	296-4633	204
294-1786	27	294-1834	75.01	296-4635	194
	35	294-1835	75.01	296-4636	14
294-1787	77	294-1836	75.01		41
294-1788	77	294-1837	79	296-4637	16
294-1789	77	294-1838	79		203
294-1790	77	294-1839	75.01	296-4638	14
294-1791	77	294-1841	75.01		43
294-1792	77	294-1842	75.01	296-4640	14
294-1793	77	294-1843	75.01		36
294-1794	77	294-1844	79	296-4641	14
294-1795	77	294-1845	79		40
294-1796	77.01	294-1846	75.01	296-4642	15
294-1800	77.01	294-1848	79		46
294-1801	77	294-1849	79	296-4643	14
294-1802	77	294-1850	203		34
294-1803	77.01	294-1851	203	296-4644	14
294-1804	77	294-1853	58		33
	79	294-1854	58	296-4645	14
	194	294-1855	201		24
	204	294-1856	201	296-4647	14
294-1805	77.01	294-1857	201		28
294-1806	77	294-1858	201	296-4648	14
294-1808	77	294-1859	37		18
294-1809	77	294-1860	37	296-4649	14
294-1811	77	294-1861	37		30
	79	294-3794	419	296-4650	14
294-1812	77		421		20
294-1814	77	294-3795	419	296-4651	14
294-1815	77		421		32
294-1819	79	294-3796	419	296-4652	15
294-1820	79		421		58
294-1821	29	294-3797	419	296-4653	15

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
	59	297-7645	25	298-4254	659
296-4654	14	297-7646	31	298-4255	656
	39	297-7647	31	298-5672	483
296-4655	15	297-7648	22	299-2767	95
	47	297-7649	22	299-2783	150
296-4656	15	297-7650	22	299-2831	650
	76	297-7655	49	299-3040	177
296-4658	15	297-7656	77		
	49	297-7657	77		
296-4659	14	297-7658	77	3	
	22	297-7660	79		
296-4661	14	297-7671	74	300-4003	16
	37	297-7672	75	300-9715	343
296-4663	22	297-7673	75	300-9716	345
296-4664	16	297-7674	75	301-6874	343
	194	297-7706	79		345
296-4665	16	297-7745	15	301-8294	343
	206		62		345
296-4666	16	297-7791	62	302-2922	376
	204	297-7822	79	302-3168	457
296-4667	13	298-2942	244	302-3196	600.02
	35		245	302-9207	740
296-4673	32	298-2977	239	302-9209	740
296-4733	49		246		850
296-4812	77	298-2979	243		851
296-6975	461		247	302-9466	602
296-7067	487	298-2995	254	303-6261	58
	489		347	303-9933	87
	491	298-3033	241		89
296-7069	487		250		89.01
	489	298-3037	250		89.02
	491	298-3038	241	303-9937	87
297-0370	491	298-3041	241		89
	598	298-3044	243		89.01
297-0406	599	298-3147	81		89.02
297-0408	599		82	304-0093	251
297-0462	485	298-4142	833	305-0329	717
	600		833.06	305-0441	719
297-0503	600		839		721
	600.01		839.06		723
297-0504	600	298-4157	829	305-0442	719
	600.02		833.02		721
297-1735	31	298-4158	835		723
297-7644	25		839.02	305-0467	703.01

PART NUMBER INDEX

Part.No	Page	Part.No	Page	Part.No	Page
305-4678	15	306-8691	141		839
	75.01		141.01		839.06
305-4744	14	307-4919	377	310-9498	45
	21	307-4920	497	310-9500	45
305-4745	15	307-5034	393	310-9509	22
	78	307-5035	395	310-9510	22
305-4746	27	307-5098	441.02	310-9511	22
305-4747	27	307-5120	458.01	310-9533	77
305-4750	27	307-5121	379		79
305-4751	27	307-7662	241	310-9534	79
305-4756	21	307-7700	241	310-9536	79
305-4781	45	307-7702	241	310-9537	77
305-4887	79	307-7803	81	310-9582	42
305-4889	79	307-7804	81	310-9606	15
305-4892	39	308-8775	281		77.01
305-4893	207		283	310-9617	15
305-4895	207		285		59.01
305-4896	207	308-8776	281	311-6632	77
305-4897	207		283	313-7833	665.06
305-4898	207		285		665.07
305-4900	79	308-8777	281	313-7878	495
305-4901	79		283	313-7881	495
305-4902	79		285	314-3734	665.05
305-4905	35	308-8936	777	314-3740	665.05
305-4906	35	309-5705	192	314-3744	833.06
305-4907	35	309-5706	192	314-3745	842.01
305-4908	35		196		844.01
305-4910	14	309-5707	191	314-3746	839.06
	26		192	314-3747	843.01
305-4927	27	309-5756	192		845.01
305-4928	27	309-5757	191	314-3787	833
305-4929	27		192	314-3788	842
305-4930	27	309-5769	451		844
305-4950	337.01		459	314-3789	839
305-4951	337.01		464	314-3790	843
305-4952	337.01		467		845
306-1611	411		468	314-3797	317.01
306-8401	93		471	314-3798	319.01
306-8453	91	309-5793	190	314-4007	77
	100	309-5795	475	314-8124	495
	102	310-0390	551	314-8128	457.04
306-8501	136		554	314-8205	491
306-8590	189.04	310-6252	833	314-8252	487
306-8690	141		833.06	315-0800	281

PART NUMBER INDEX

Part.No	Page
	283
316-8811	710
	713
	715
316-8987	680.01
	681.01
	691.01
	695.01
	700.01
316-8989	665.04
317-4712	489
	491
319-9148	833
	833.06
	839
	839.06
319-9845	497
320-5392	665.07
320-5393	665.07
320-5394	665.07
320-5395	665.07
320-5396	665.06
320-5525	665.02
321-2055	285
324-5774	189.01
	665.05
327-3062	665.02
327-3063	665.02
327-3191	84.01
	665.01
327-3192	84.01
	85
327-3193	85
	89.01
327-3196	85
	89.02
327-3329	665.05
	665.06
327-6498	690.01
327-6499	680.01
327-6500	694.01
327-6503	699.01
327-6504	690.01
	691.01
327-6505	680.01
	681.01
327-6506	694.01
	695.01
327-6509	699.01
	700.01
327-6510	691.01
	692.01
327-6511	681.01
	682.01
	695.01
327-6513	700.01
	701.01
327-6514	705.01
327-6515	701.01
	705.01
327-6517	681.01
	685.01
	691.01
327-6520	695.01
	696.01
327-6521	697.01
	700.01
327-6541	703.01
327-6550	665.03
	665.04
327-6552	665.03
327-6553	665.04
327-6576	665.03
327-6639	682.01
327-6642	682.01
	692.01
	701.01
327-6643	682.01
	692.01
	701.01
327-6644	696.01
	697.01
327-6645	696.01
327-6648	685.01
	696.01
	697.01
327-6649	701.01
327-9998	189.04
	189.05
328-0048	189.03
	665.05
329-6420	846
	847
329-6434	846
329-6435	846
329-6437	847
329-6438	847
330-1162	665.01
	665.02
330-1166	261.01
	665.01
330-1167	261.01
330-1194	665.01
	665.05
330-1426	250.01
	665.01
330-1427	250.01
	250.02
331-2027	777
331-2233	851
332-8903	317.01
	319.01
332-8908	319.01
332-8915	317.01
333-4157	697.01
333-4172	692.01
333-4173	685.01
333-4175	685.01