Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

Z-60/34

from SN 4001 to 4550

Part No. 75859GT
Rev: F.04
June 2024

Technical Publications

Genie has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

Contact Us:

Internet: www.genielift.com
e-mail: awp.techpub@terex.com

Find a Manual for this Model

Go to http://www.genielift.com

Use the links to locate Operator's, Parts, Maintenance, and Service and Repair Manuals.

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Third Edition, Sixth Printing

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A TEREX BRAND

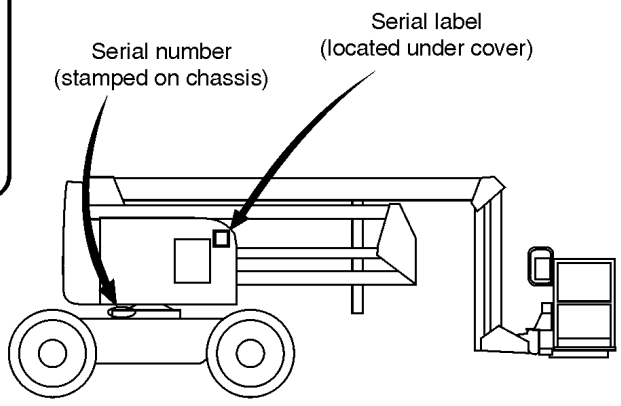
Model: Z-60/34
Serial number: Z6006-12345
Model year: 2006 **Manufacture date:** 01/05/06
Electrical schematic number: ES0423
Machine unladen weight:

Rated work load (including occupants): 500 lb / 227 kg
Maximum number of platfrm occupants: 2
Maximum allowable side force : 150 lb / 670 N
Maximum allowable inclination of the chassis:
0 deg
Maximum wind speed : 28 mph/ 12.5 m/s
Maximum platform height : 60 ft 4 in/ 18.3 m
Maximum platform reach : 34 ft / 10.4 m
Gradeability: N/A
Country of manufacture: USA
This machine complies with:
ANSI A92.5
CAN B.354.4

Terex South Dakota, Inc.
18340 NE 76th Street
Redmond, WA 98052
USA

Z60 06 - 12345

Model | Model year | Sequence number



How to Order Parts

Please be prepared with the following information when ordering replacement parts for your Terex or Genie product.

- ☒ **Machine model number**
- ☒ **Machine serial number**
- ☒ **Part number**
- ☒ **Part description and quantity**
- ☒ **Purchase order number**
- ☒ **"Ship to" address**
- ☒ **Desired method of shipment**
- ☒ **Name and telephone number of the authorized distributor in your area**

Use the Service Parts Fax Order Form on the next page and fax your order to our Parts Department.

If you don't know the name of your authorized distributor, or if your area is not currently serviced by an authorized distributor, please call Terex or Genie Industries.

Machine Information

_____

Model

_____

Serial Number

_____

Date of Purchase

_____

Authorized Genie Distributor

_____

Phone Number

North America

Telephone (425)881-1800

Toll Free (800)536-1800 in US and Canada

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

http://genielift.com/en

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

http://genielift.co.uk

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

http://genielift.com.sg/

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

http://genielift.com.au

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

Required Parts

The following parts are required to perform maintenance procedures as outlined in the Genie Z-60/34 Service Manual.

Perkins 404-22 Models:

Description	Part No.
Air Filter Element	62420
Fuel Filter Element	62421
Fuel/water Separator Element	62433
Engine Oil Filter	94762
V-belt	62423

Deutz F4L-1011 Models:

Description	Part No.
Air Filter	62420
Fuel/water Separator Element	29560
Engine Oil Filter	49924
V-belt	32698

Ford LRG-425 EFI Models:

Description	Part No.
Fuel Pre-Filter	52179
Fuel Pressure Regulator Filter	58967
Engine Oil Filter	28656
Air Filter Element	77295
Serpentine Belt	52580
PCV Valve	33957
Spark Plug (to serial number 4545)	28647
Spark Plug (4 pack) (from serial number 4546)	106490

Recommended Parts

Description	Part No.
Genie Blue Paint, 1 Gallon	32150
Genie Blue Paint, 12 Ounce Aerosol	1484
Genie Gray Paint, 1 Gallon	32151
Genie Gray Paint, 12 Ounce Aerosol	1268

Manuals

Genie Industries offers the following support documents for these models:

Title	Part No.
EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5-2006	31779

TEREX CORPORATION

Service Parts Fax Order Form

Fax to: (425) 556-8659 or Toll Free: 888-274-6192
International: +1-425-556-8659

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

Model(s) _____ **Serial No.(s)** _____

Optional Equipment _____

Part Number	Description	Quantity	Price

All back-ordered parts will be shipped when available via the same ship method as the original order unless Noted below:

- ☐ Ship complete order only - No back orders
- ☐ Ship all available parts and contact customer on disposition of back-ordered parts
- ☐ Other (please specify)

Description **Page**

100 Decals 10

101.1 Decals with Words 10
102.1 Decals with Symbols 16

200 Drive Chassis Components 20

201.1 2WD Steer Axle Linkage, Oscillate Models 20
202.1 4WD Steer Axle Linkage, Oscillate Models 24
203.1 2WD Steer Axle Linkage, Non-oscillate Models 28
204.1 Non-steer Axle 32
205.1 2WD Steer Axle - Wheels and Hubs 38
206.1 4WD Steer Axle - Wheels and Hubs 40

300 Turntable Components 42

301.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models 42
302.1 Hydraulic and Fuel Tanks - Diesel Models 46
303.1 Function Manifold and Auxiliary Power Unit Installation 50
304.1 Turntable Rotation and Hydraulic Rotary Coupler Installation 54
305.1 Ground Controls - View 1 (to SN 4333) 60
305.2 Ground Controls - View 1 (from SN 4334) 64
306.1 Ground Controls - View 2 (from SN 4334) 68
307.1 Ground Controls - View 3 70
308.1 Turntable Covers 72
309.1 Turntable Counterweight 76

400 Engine Components 78

401.1 Perkins 404-22 Engine - View 1 78
402.1 Perkins 404-22 Engine - View 2 84
403.1 Deutz F4L 1011F Engine - View 1 90
404.1 Deutz F4L 1011F Engine - View 2 94
405.1 Deutz F4L 1011F Engine - View 3 98
406.1 Ford LRG-425 EFI Engine - View 1 (to SN 4163) 102
406.2 Ford LRG-425 EFI Engine - View 1 (from SN 4164 to 4545) 108
407.1 Ford LRG-425 EFI Engine - View 2 (to SN 4162) 114
407.2 Ford LRG-425 EFI Engine - View 2 (from SN 4163 to 4545) 120
408.1 Ford LRG-425 EFI Engine - View 3 (to SN 4545) 126
409.1 Ford LRG-425 EFI Engine - View 1 (from SN 4546) 130
410.1 Ford LRG-425 EFI Engine - View 2 (from SN 4546) 136
411.1 Ford LRG-425 EFI Engine - View 3 (from SN 4546) 142
412.1 Engine Tray and Battery 146

500 Boom Components 150

Description — Page

501.1 Secondary Boom - View 1 150
502.1 Secondary Boom - View 2 154
503.1 Upper Pivot 158
504.1 Upper Pivot and Primary Boom Rests 162
505.1 Primary and Extension Booms 164
506.1 Cable Track 168
507.1 Jib Boom and Platform Rotator 172

600 Platform Components 176

601.1 Platform Installation - View 1 176
602.1 Platform Installation - View 2 182
603.1 Platform Controls - View 1 186
604.1 Platform Controls - View 2 (to SN 4333) 192
604.2 Platform Controls - View 2 (from SN 4334) 196
605.1 Joysticks (to SN 4333) 200
605.2 Joysticks (from SN 4334) 202

700 Hydraulic Components 204

701.1 2WD Traction Manifold 204
702.1 4WD Traction Manifold - View 1 206
702.2 4WD Traction Manifold - View 2 210
703.1 Two-Speed/Brake Manifold (to SN 4460) 212
703.2 Two-Speed/Brake Manifold (from SN 4461) 214
704.1 Function Manifold - View 1 (to SN 4460) 216
705.1 Function Manifold - View 2 (to SN 4460) 222
706.1 Function Manifold (from SN 4461) 226
707.1 Jib Select and Platform Rotate Manifolds 234
708.1 Hydraulic Pumps 238
709.1 Oscillate Control Valve 240
710.1 2WD Drive System (to SN 4385) 242
710.2 2WD Drive System (from SN 4386) 244
711.1 2WD Drive Oscillate System (to SN 4385) 246
711.2 2WD Drive Oscillate System (from SN 4386) 248
712.1 4WD Drive System (to SN 4385) 250
712.2 4WD Drive System (from SN 4386) 254
713.1 4WD Drive Oscillate System (to SN 4385) 258
713.2 4WD Drive Oscillate System (from SN 4386) 260
714.1 Hydraulic Hoses and Fittings - Turntable (to SN 4385) 262
714.2 Hydraulic Hoses and Fittings -Turntable (from SN 4386) 266
715.1 Hydraulic Hoses and Fittings - Boom (to SN 4460) 272
715.2 Hydraulic Hoses and Fittings - Boom (from SN 4461) 274

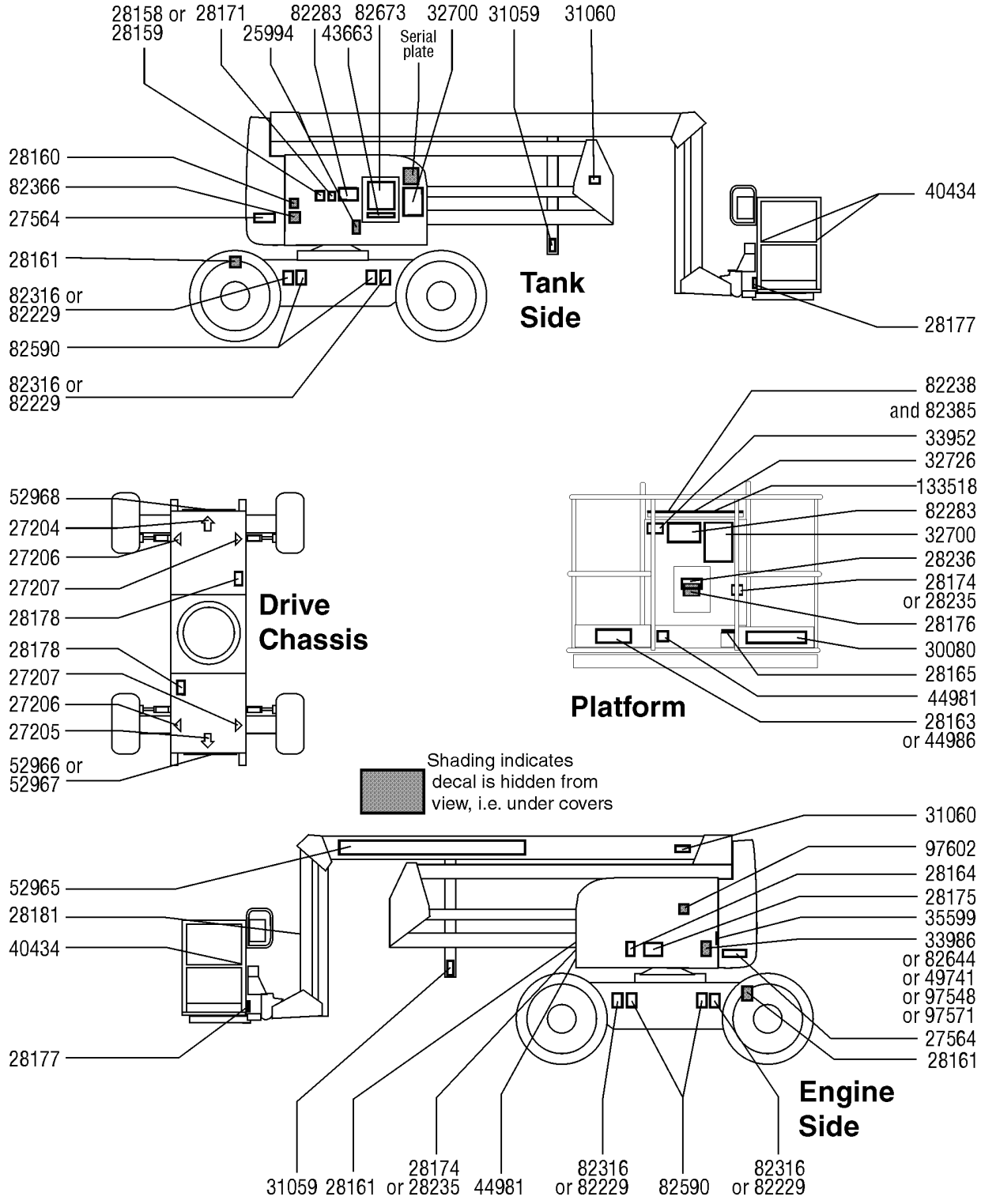
Description **Page**

800 Accessories 276

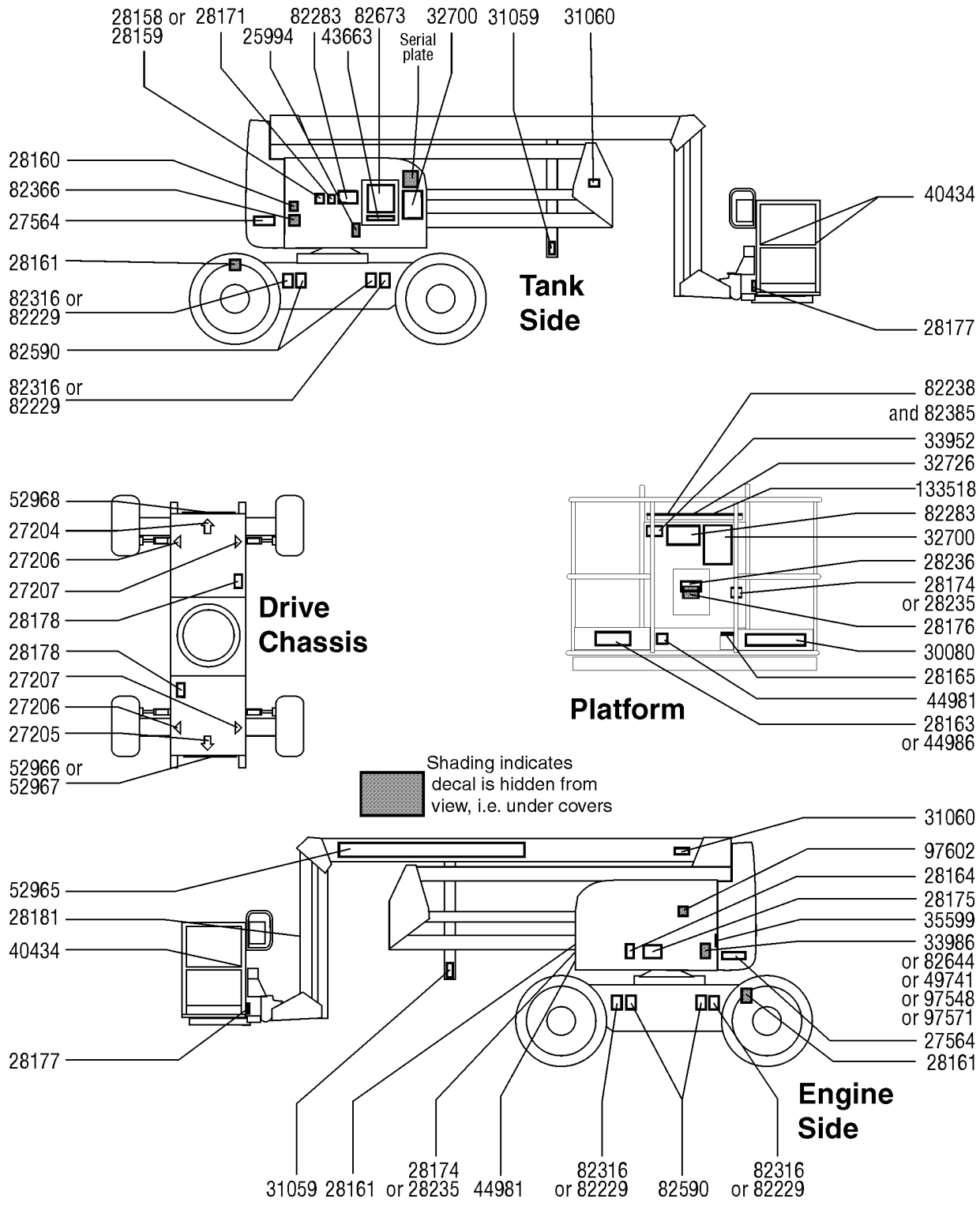
801.1 Alarm and Beacon Package (to SN 4172) 276
801.2 Alarm, Beacon Package and Driving Lights (from SN 4173) 278
802.1 Platform Options 280
803.1 Ground and Platform Control Box Covers 284
804.1 Platform Overload - European Models 286
805.1 Platform Half-mesh and Swing Gate 290
806.1 Air Line to Platform 292
807.1 Cold Start Package 294
808.1 Generator Option - View 1 296
809.1 Generator Option - View 2 300
810.1 Hydraulic Oil Cooler 302
811.1 Gauge Option 304
812.1 Panel Cradle Option 306
813.1 Welder Option, Chassis Components 308
814.1 Welder Option, Platform Components 312
815.1 Welder Option, Hoses and Fittings 316
816.1 Hydraulic Hoses and Fittings - Arctic Hose Option 318
817.1 Hostile Environment Package - View 1 320
818.1 Hostile Environment Package - View 2 322
819.1 Hostile Environment - Engine Air Pre-cleaners 326
820.1 Spare LPG Tank Carrier Option 330
821.1 Operator Protection Structure (from SN 4260) 332
822.1 Fall Arrest Bar 334
823.1 Lift Tools Access Deck - 8 Feet 336
824.1 Lift Tools Access Deck - 6 Feet 340

Part Number Index 344

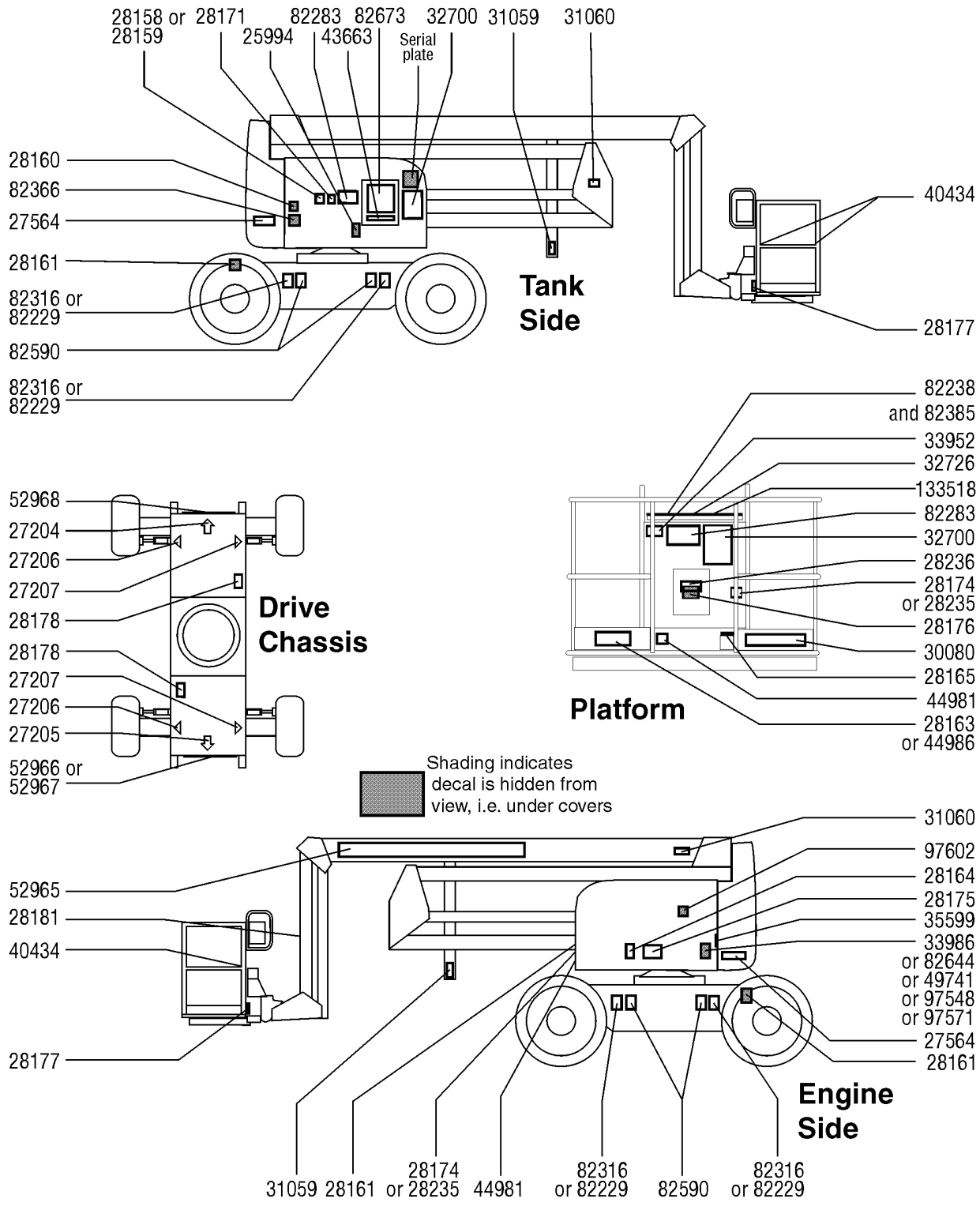
101.1 Decals with Words



Item	Part No.	Description	Qty.
A	102943GT	Z60 DECAL KIT W/WORDS includes items 1-10, 12-14, 16-20, 22-26, 29-33, 42-47, 50 and 51; to SN 4335	
B	102944GT	Z60 DECAL KIT W/WORDS includes items 1-10, 12-14, 16-20, 22-26, 28-32, 42, 44-53; from SN 4336	
B	826805GT	DECAL KIT,Z60,PLAT,WRD-1,ANSI/AUS platform kit from SN 4336 to 4550	
	82926GT	DECAL,LABEL,ALC BOARD 89353	
1	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
2	27204GT	DECAL,ARROW BLUE	1
3	27205GT	DECAL,ARROW YELLOW LRG 9"	1
4	27206GT	DECAL,TRIANGLE,BLUE	2
5	27207GT	DECAL,TRIANGLE,YELLOW	2
6	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
7	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
8	28159GT	DECAL,DIESEL	1
9	28160GT	DECAL,LABEL,LIQUID PROPANE	2
10	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
11	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI USA / Canada models	1
12	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
13	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
14	28171GT	DECAL,DANGER,NO SMOKING ***	1
15	28174GT	DECAL,POWER TO PLATFORM 230V	2
16	28175GT	DECAL,WARNING-COMPART ACCESS	1
17	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
18	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
19	28178GT	DECAL,WARN,SHEAR TURNTABLE	2
20	28181GT	DECAL,WARN,FALL HAZARD	1
21	28235GT	DECAL,POWER TO PLATFORM 115V	2
22	28236GT	DECAL,WARN,IMPROPER OPERATION	1
23	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
24	31059GT	DECAL,WARNING COLLISION HAZARD	2

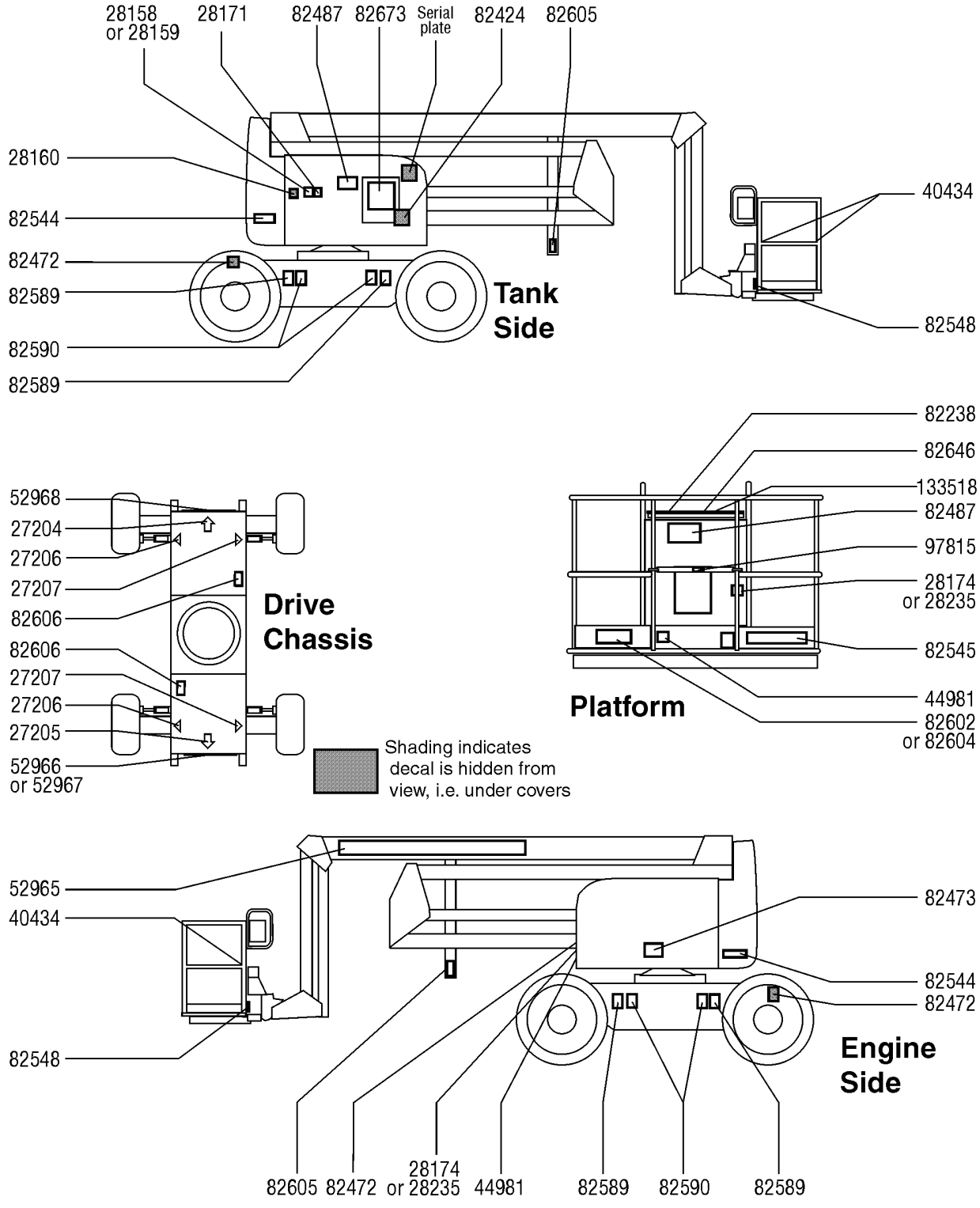

28158 or 28159
28171
25994
82283
43663
82673
Serial plate
32700
31059
31060
28160
82366
27564
28161
82316 or 82229
82590
82316 or 82229
Tank Side
40434
28177
82238 and 82385
33952
32726
133518
82283
32700
28236
28174 or 28235
28176
30080
28165
44981
28163 or 44986
Platform
52968
27204
27206
27207
28178
28178
27207
27206
27205
52966 or 52967
Drive Chassis
Shading indicates decal is hidden from view, i.e. under covers
31060
97602
28164
28175
35599
33986 or 82644 or 49741 or 97548 or 97571
27564
28161
52965
28181
40434
28177
Engine Side
31059
28161
28174 or 28235
44981
82316 or 82229
82590
82316 or 82229

Item	Part No.	Description	Qty.
25	31060GT	DECAL,DANGER DO NOT ALTER SWTC	2
26	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
27	32726GT	DECAL,OPTION GLOW PLUGS*** Deutz models; to SN 4335	1
28	133518GT	DECAL, PATCH, GEN,ALC-500	1
29	33952GT	DECAL,DANGER,TILT ALARM	1
30	33986GT	DECAL,NOTICE,DEUTZ ENG SPEC	1
31	35599GT	DECAL,NOTICE,AIR INLET***	1
32	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
33	43663GT	DECAL,NOTICE, FUNCTION ENABLE* to SN 4335	1
34	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
35	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS Australia models	1
36	52965GT	DECAL,COSMETIC,GENIE Z-60/34	1
37	52966GT	DECAL,COSMETIC,4 X 2	1
38	52967GT	DECAL,COSMETIC,4 X 4	1
39	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
40	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
40-	77183GT	FILM,POLY,CLEAR,4.5 X 8.75	
41	82229GT	DECAL,NOTICE,HI FLOAT TIRES	4
42	82238GT	DECAL,PLATFORM CONTROL PANEL	1
42-	82244GT	DECAL,PROTECTOR,CLEAR***	
43	82313GT	DECAL,LABEL, ENGINE RPM to SN 4335	1
44	82243GT	DECAL FAULT CODE	1
45	82316GT	DECAL,NOTICE TIRE PRESSURE	4
46	82317GT	DECAL,NOTICE,OPERATING INST.** to SN 4335	2
46-	82283GT	DECAL,NOTICE,OPER INST.IC*** from SN 4336	
47	82366GT	DECAL,CHEVRON RANDO HD	1
48	82590GT	DECAL,LABEL,WHEEL LOAD Z-60	4
49	82644GT	DECAL, ENGINE SPEC, PERKINS	1


28158 or 28159
28171
25994
82283
43663
82673
Serial plate
32700
31059
31060
28160
82366
27564
28161
82316 or 82229
82590
82316 or 82229
Tank Side
40434
28177
82238 and 82385
33952
32726
133518
82283
32700
28236
28174 or 28235
28176
30080
28165
44981
28163 or 44986
Platform
52968
27204
27206
27207
28178
28178
27207
27206
27205
52966 or 52967
Drive Chassis
Shading indicates decal is hidden from view, i.e. under covers
31060
97602
28164
28175
35599
33986 or 82644 or 49741 or 97548 or 97571
27564
28161
52965
28181
40434
28177
Engine Side
31059
28161
28174 or 28235
44981
82316 or 82229
82590
82316 or 82229

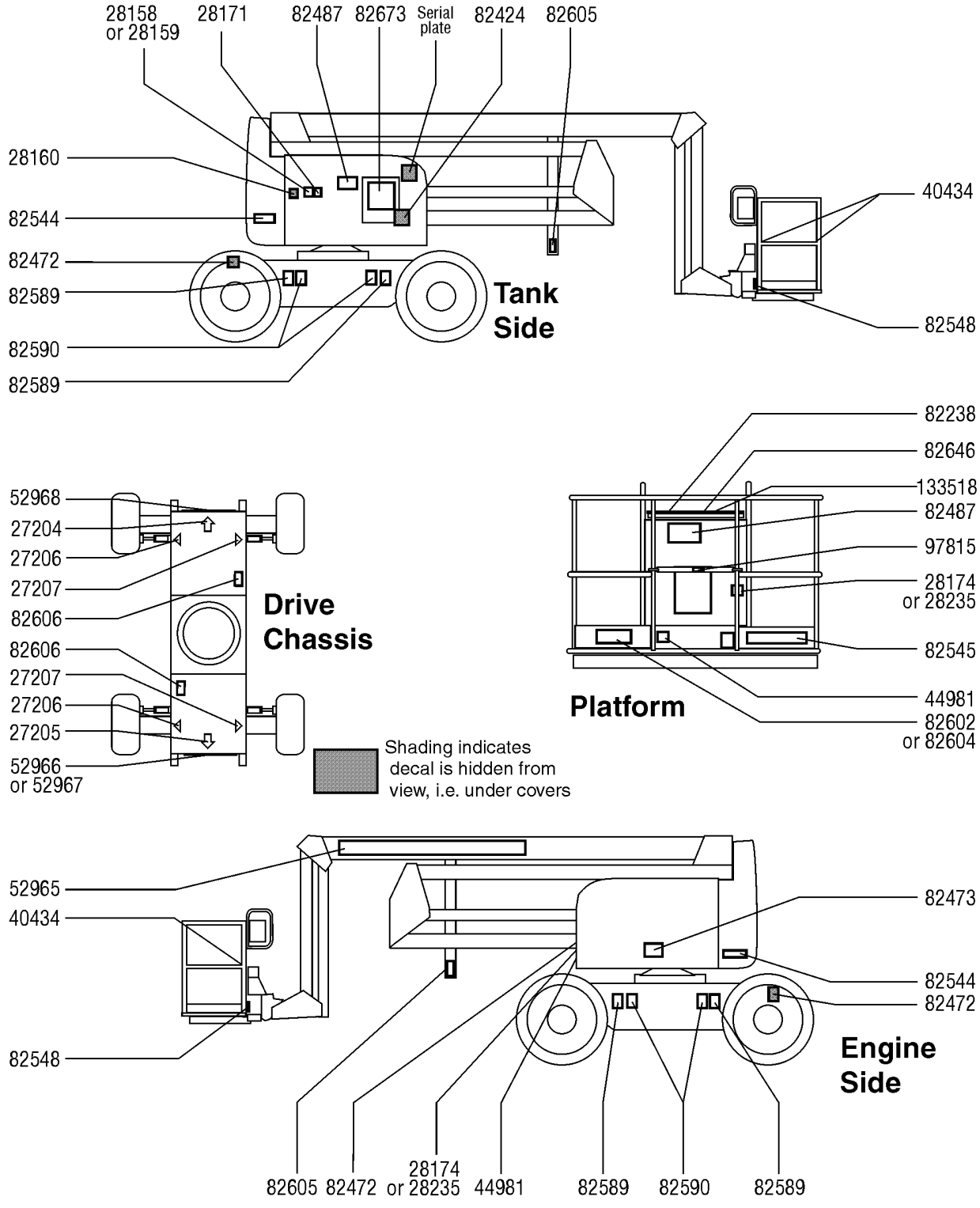
Item	Part No.	Description	Qty.
50	72161GT	DECAL,GND CONT PNL,Z60 ..... to SN 4335	1
50-	82673GT	DECAL,GND CONT PNL,Z60 ..... from SN 4336	
51	97548GT	DECAL,ENGINE SPEC,DEUTZ 2011	1
52	49741GT	DECAL,NOTICE,FORD EFI ENG SPEC ..... to SN 4545	1
52-	97571GT	DECAL,NOTICE,FORD ENG SPECS T2 ..... from SN 4546	
53	97602GT	DECAL,EXPLOSION HAZARD	1

102.1 Decals with Symbols



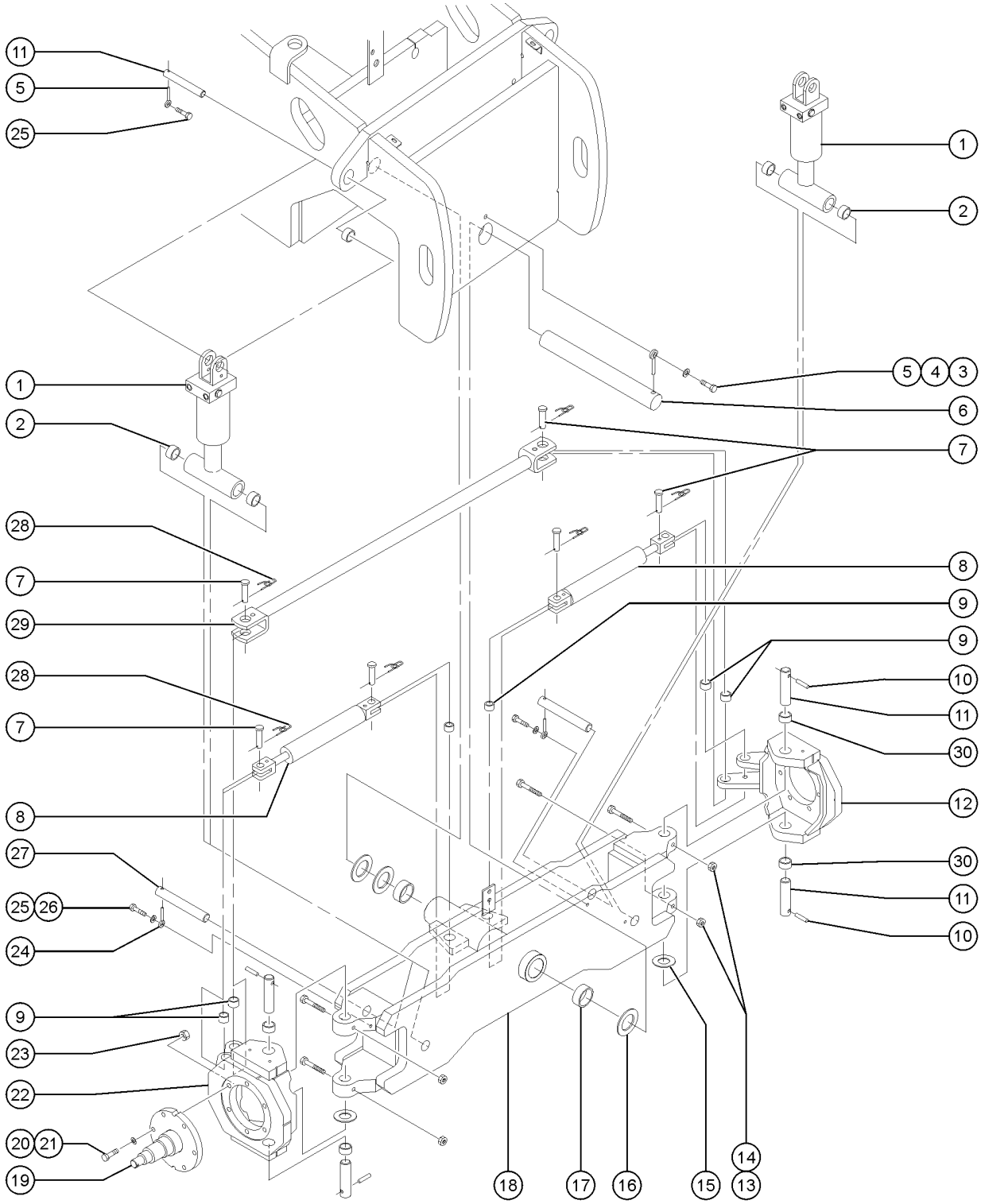
Item	Part No.	Description	Qty.
A	102942GT	Z60 DECAL KIT W/SYMBOLS includes items 1-10, 20-35	
B	826811GT	DECAL KIT,Z60,PLAT,SYM,CE/ANSI platform kit from SN 4001 to 4550	
	82926GT	DECAL,LABEL,ALC BOARD 89353	
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
6	28159GT	DECAL,DIESEL	1
7	28160GT	DECAL,LABEL,LIQUID PROPANE	2
8	28171GT	DECAL,DANGER,NO SMOKING ***	1
9	28174GT	DECAL,POWER TO PLATFORM 230V	2
10	28235GT	DECAL,POWER TO PLATFORM 115V	2
11	133518GT	DECAL, PATCH, GEN,ALC-500	1
12	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
13	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
14	52965GT	DECAL,COSMETIC,GENIE Z-60/34	1
15	52966GT	DECAL,COSMETIC,4 X 2	1
16	52967GT	DECAL,COSMETIC,4 X 4	1
17	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
18	72867GT	DECAL,LABEL,LIGHTS***	1
19	82238GT	DECAL,PLATFORM CONTROL PANEL	1
19-	82244GT	DECAL,PROTECTOR,CLEAR***	
19-	82646GT	DECAL,DRIVE ENABLE PATCH	
19-	49927GT	DECAL,OPTION GLOW PLUGS*** Deutz models; to SN 4335	
20	82472GT	DECAL,WARNING,CRUSHING HAZARD	3
21	82473GT	DECAL,SYMBOL-COMP ACCESS	1
22	82487GT	DECAL,SYMBOL-READ THE MANUAL	2

102.1 Decals with Symbols



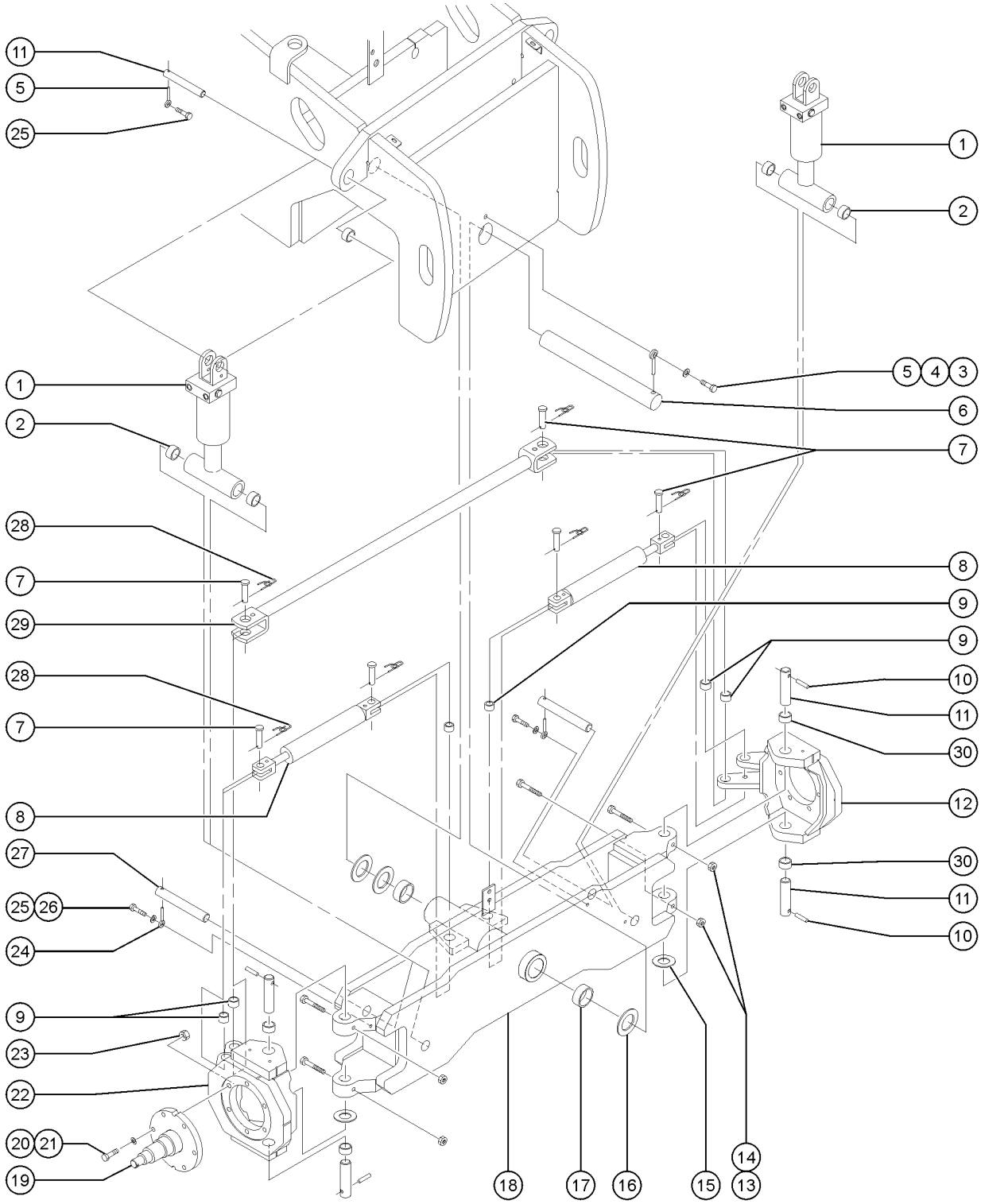
Item	Part No.	Description	Qty.
23	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
24	82545GT	DECAL,DANGER,MAX LOAD 227 KG**	1
25	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
26	82673GT	DECAL,GND CONT PNL,Z60 from SN 4336	1
27	82589GT	DECAL,LABEL,TIRE PRESSURE,Z60	4
28	82590GT	DECAL,LABEL,WHEEL LOAD Z-60	4
29	82602GT	DECAL,DANGER,MAX SIDE FRC,667N Asia/South America	1
30	82604GT	DECAL,DANGER,SIDE FRC 400N Europe	1
31	82605GT	DECAL,WARNING,COLLISION HAZARD	2
32	82606GT	DECAL,WARNING,SHEAR POINT	2
33	82646GT	DECAL,DRIVE ENABLE PATCH	1
34	82924GT	DECAL,CAUTION,SHUTOFF VALVES**	1
35	97815GT	DECAL,LABEL,LOWER MIDRAIL	1

201.1 2WD Steer Axle Linkage, Oscillate Models



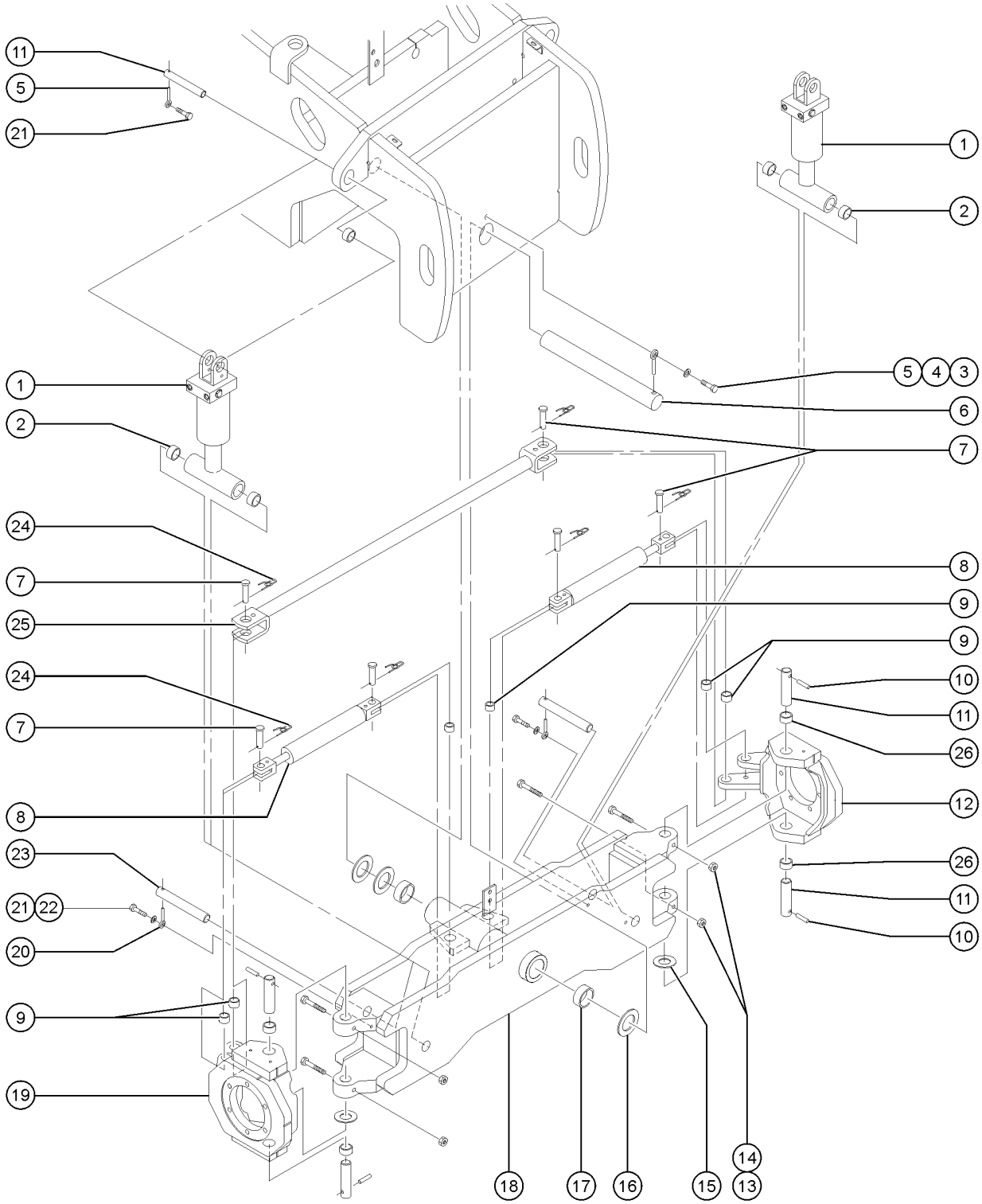
Item	Part No.	Description	Qty.
1	89675GT	CYLINDER, OSCILLATE*** includes item 2	2
1-	89295GT	SEAL KIT,CYLINDER (63189)	
1-	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000	
2	45071GT	BEARING,1.5IDX1.75ODX1.5L	8
3	8177GT	SCREW,HHC,1/2-13 X 1.5	
4	6033GT	WASHER,LOCK,0.5"	
5	1256267GT	ROD END,.5 X 3.75,ZAG	3
6	73766GT	PIN,2.5 DIA X 23.88 LG	1
7	19440GT	PIN,CLEVIS,1 X 2.5 LG	6
8	59460GT	CYLINDER,STEERING***	2
8-	89294GT	SEAL KIT CYLINDER (59460)	
9	53452GT	BEARING,1.00IDX1.50ODX1.00L	6
10	14815GT	PIN,ROLL,SST,.25 X 2.25	
11	53081GT	PIN,1.50DIAX4.76LG,2HOLE	6
12	89328GT	YOKE PIVOT ASSEMBLY, GROUND CO includes items 9 and 30	1
13	6086GT	NUT,LP NYLOCK,1/2-13	
14	8220GT	SCREW,HHC,1/2-13 X 4	
15	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	
16	29746GT	WASHER,FLAT,2.5 X 4 X .062	
17	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
18	89329GT	STEER AXLE ASSEMBLY includes items 9 and 17	1
19	89005GT	WELDMENT,SPINDLE	2
20	53909GT	SCREW,HHC,5/8-11 X 4.0 GR8	12
21	89682GT	WASHER,FLAT,HARDENED.656X1.313	
22	89330GT	YOKE PIVOT ASSEMBLEY, TANK SID includes items 9 and 30	1
23	6024GT	NUT,NYLOCK,5/8-11	
24	825019GT	ROD END, .375X3.69, ZAG	2
25	6175GT	SCREW,HHC,3/8-16 X 1	

201.1 2WD Steer Axle Linkage, Oscillate Models



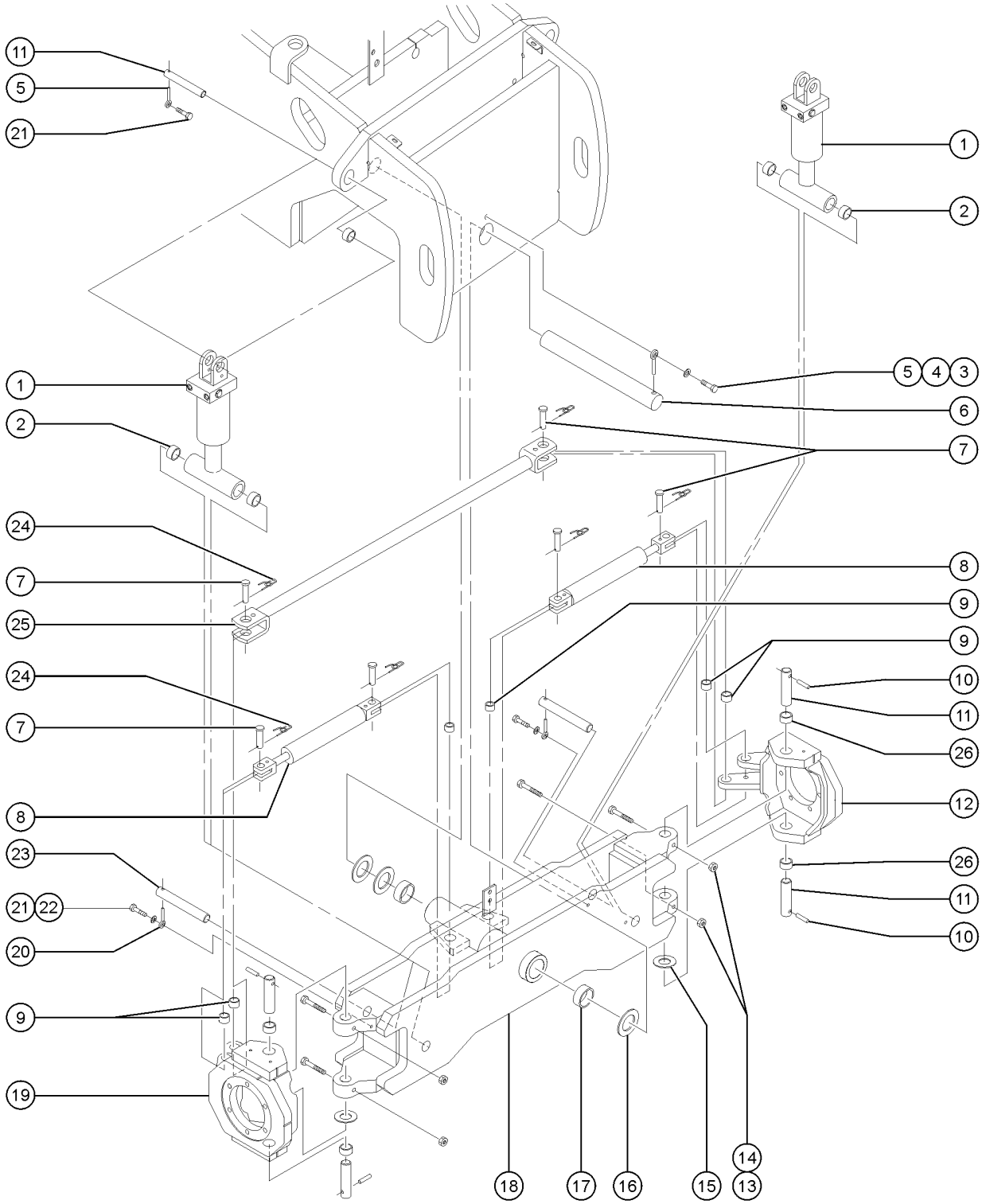
Item	*Part No.*	*Description*	*Qty.*
26	6021GT	WASHER, LOCK, .375	
27	34641GT	PIN,OSC. AXLE/DRIVE CHASSIS	2
28	74389GT	RUE RING 1.00	6
29	63155GT	WELDMENT,TIE ROD	1
30	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	4

202.1 4WD Steer Axle Linkage, Oscillate Models



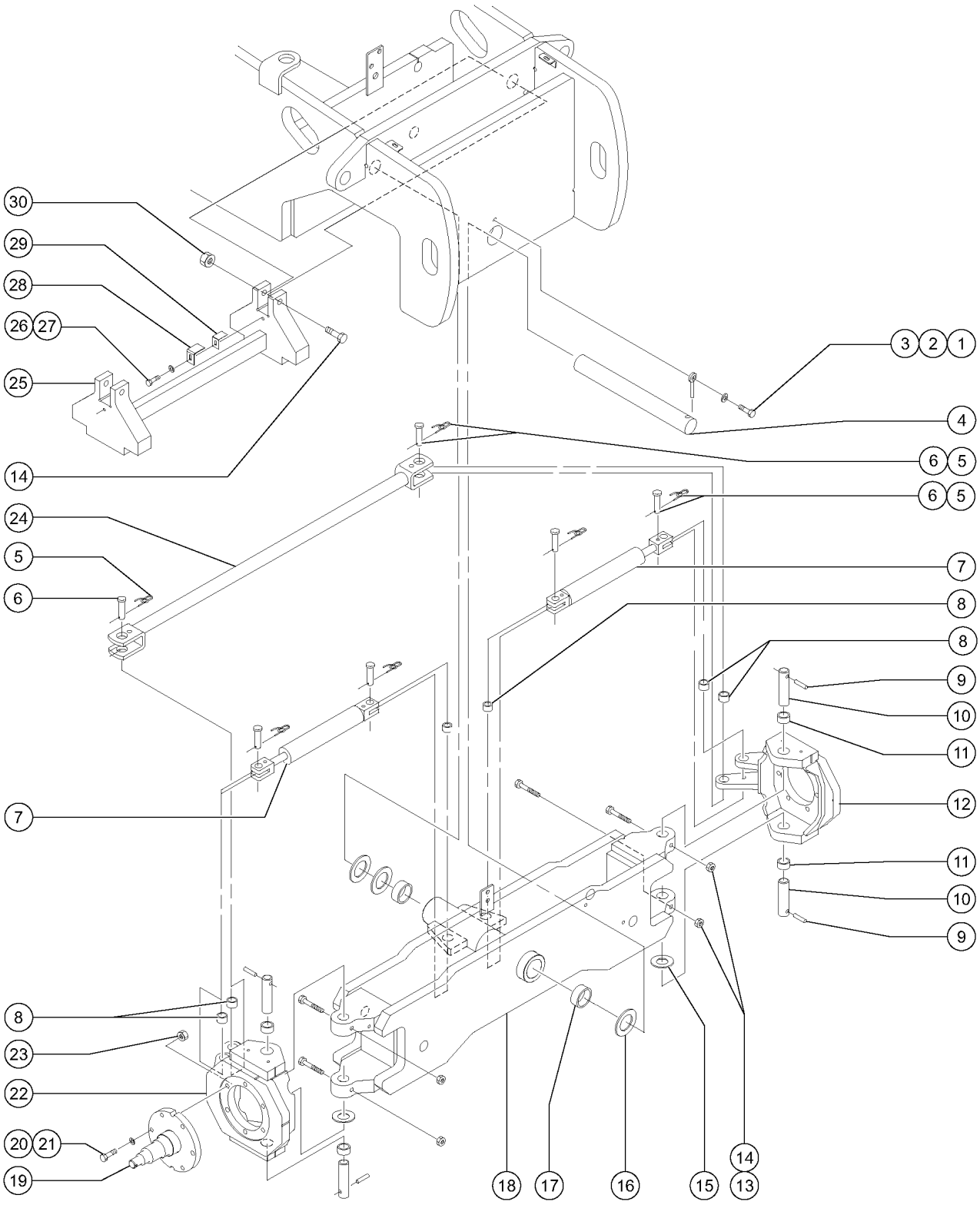
Item	Part No.	Description	Qty.
1	89675GT	CYLINDER, OSCILLATE*** includes item 2	2
1-	89295GT	SEAL KIT,CYLINDER (63189)	
1-	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000	
2	45071GT	BEARING,1.5IDX1.75ODX1.5L	8
3	8177GT	SCREW,HHC,1/2-13 X 1.5	
4	6033GT	WASHER,LOCK,0.5"	
5	1256267GT	ROD END,.5 X 3.75,ZAG	3
6	73766GT	PIN,2.5 DIA X 23.88 LG	1
7	19440GT	PIN,CLEVIS,1 X 2.5 LG	6
8	59460GT	CYLINDER,STEERING***	2
8-	89294GT	SEAL KIT CYLINDER (59460)	
9	53452GT	BEARING,1.00IDX1.50ODX1.00L	6
10	14815GT	PIN,ROLL,SST,.25 X 2.25	
11	53081GT	PIN,1.50DIAX4.76LG,2HOLE	6
12	89328GT	YOKE PIVOT ASSEMBLY, GROUND CO includes items 9 and 26	1
13	6086GT	NUT,LP NYLOCK,1/2-13	
14	8220GT	SCREW,HHC,1/2-13 X 4	
15	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	
16	29746GT	WASHER,FLAT,2.5 X 4 X .062	
17	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
18	89329GT	STEER AXLE ASSEMBLY includes items 9 and 17	1
19	89330GT	YOKE PIVOT ASSEMBLEY, TANK SID includes items 9 and 26	1
20	825019GT	ROD END, .375X3.69, ZAG	2
21	6175GT	SCREW,HHC,3/8-16 X 1	
22	6021GT	WASHER, LOCK, .375	
23	34641GT	PIN,OSC. AXLE/DRIVE CHASSIS	2
24	74389GT	RUE RING 1.00	6
25	63155GT	WELDMENT,TIE ROD	1

202.1 4WD Steer Axle Linkage, Oscillate Models



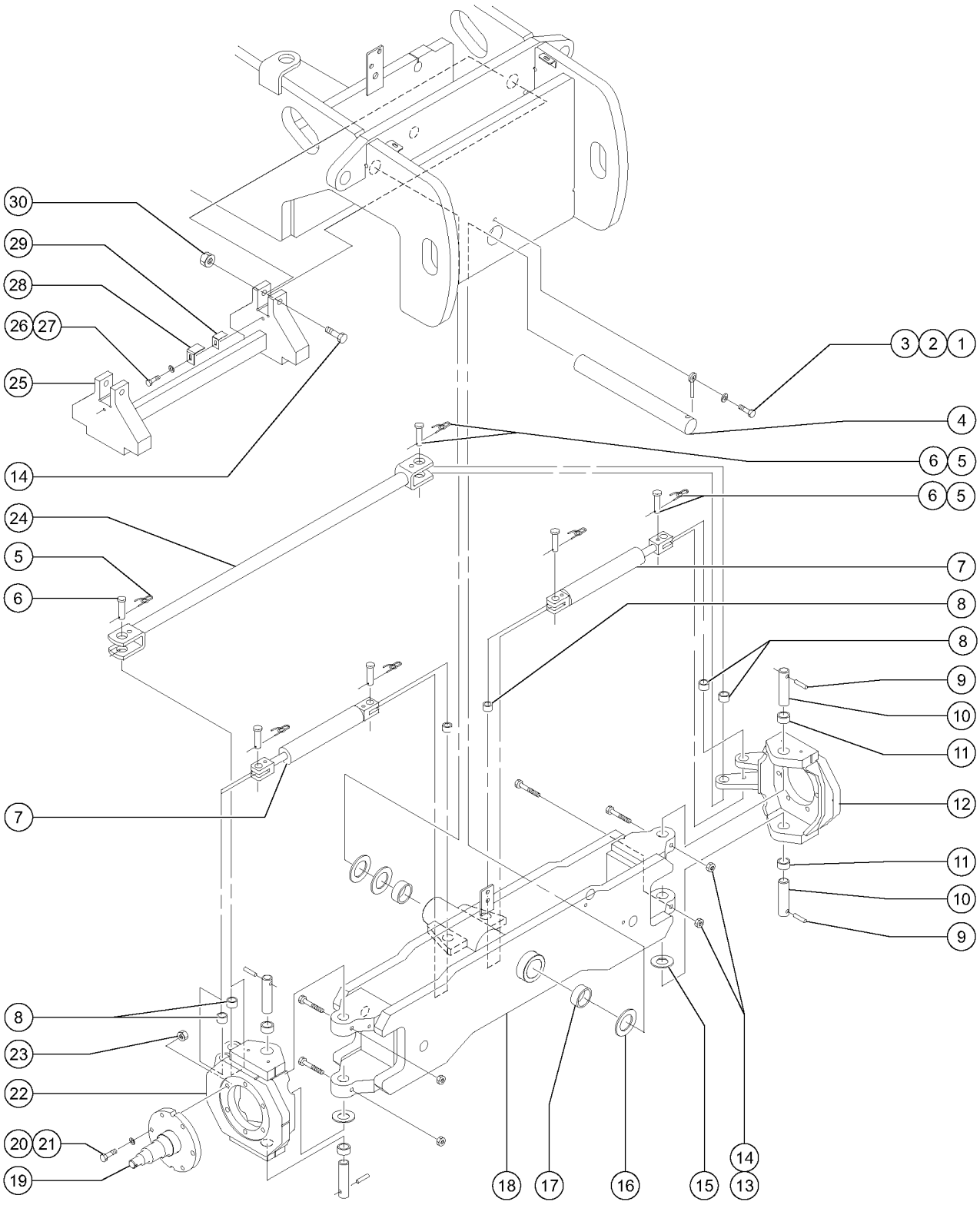
Item	Part No.	Description	Qty.
26	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	4

203.1 2WD Steer Axle Linkage, Non-oscillate Models



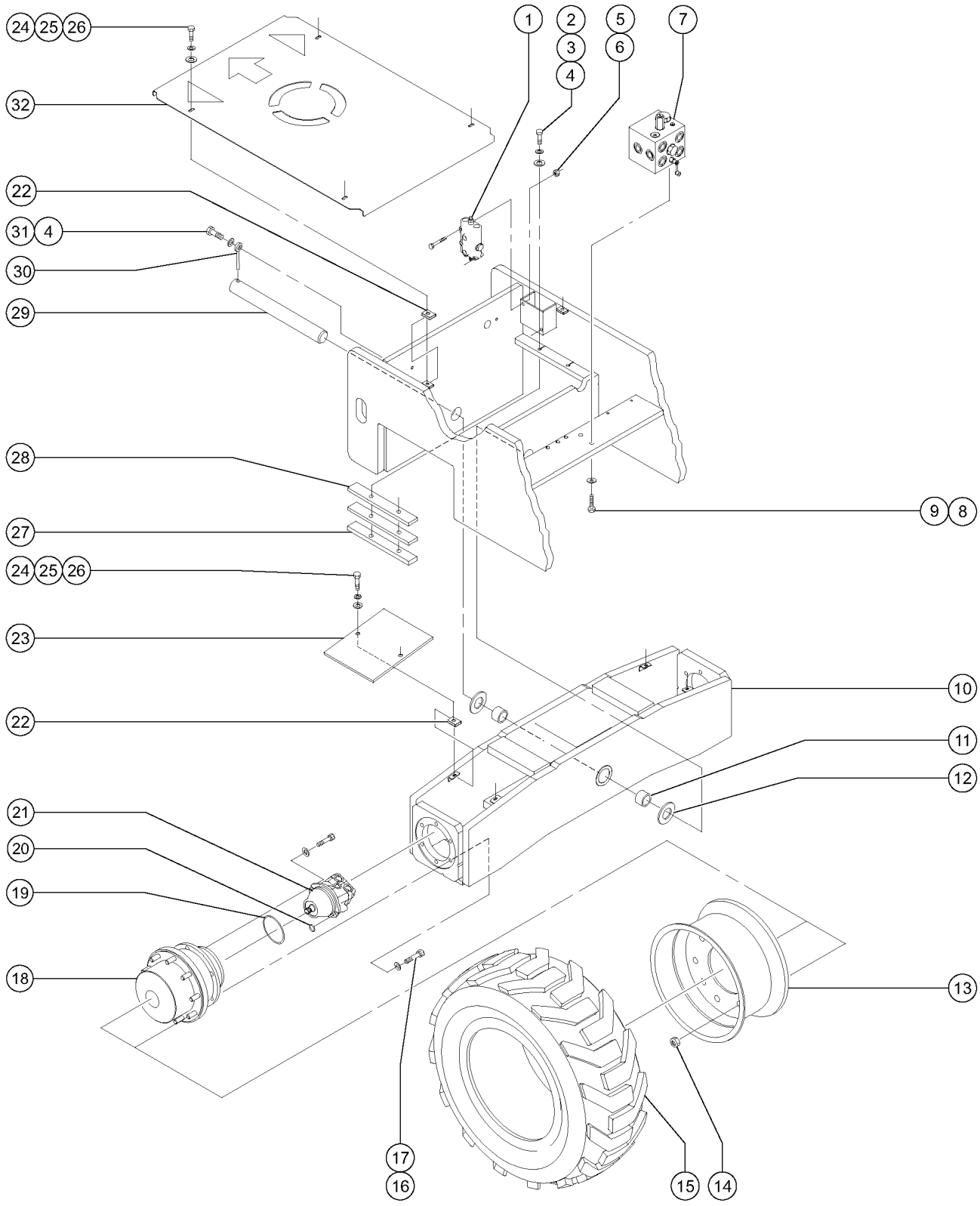
Item	Part No.	Description	Qty.
1	8177GT	SCREW,HHC,1/2-13 X 1.5	
2	6033GT	WASHER,LOCK,0.5"	
3	1256267GT	ROD END,.5 X 3.75,ZAG	3
4	73766GT	PIN,2.5 DIA X 23.88 LG	1
5	74389GT	RUE RING 1.00	6
6	19440GT	PIN,CLEVIS,1 X 2.5 LG	6
7		Ref. Steer Cylinder (refer to 202.1)	
8	53452GT	BEARING,1.00IDX1.50ODX1.00L	6
9	14815GT	PIN,ROLL,SST,.25 X 2.25	4
10	53081GT	PIN,1.50DIAX4.76LG,2HOLE	4
11	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	4
12		Ref. Yoke Assembly, Tank Side (refer to 202.1)	
13	6086GT	NUT,LP NYLOCK,1/2-13	
14	8220GT	SCREW,HHC,1/2-13 X 4	
15	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
16	29746GT	WASHER,FLAT,2.5 X 4 X .062	
17	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
18		Ref Steer Axle Assembly (refer to 202.1)	
19	89005GT	WELDMENT,SPINDLE	2
20	53909GT	SCREW,HHC,5/8-11 X 4.0 GR8	12
21	89682GT	WASHER,FLAT,HARDENED.656X1.313	
22		Ref. Yoke Assembly, Engine Side (refer to 202.1)	1
23	6198GT	NUT, NYLOCK, 1/2-13	
24	63155GT	WELDMENT,TIE ROD	1
25	73449GT	WELDMENT,NON-OSCILLATE	1
26	6175GT	SCREW,HHC,3/8-16 X 1	
27	6021GT	WASHER, LOCK, .375	
28	73476GT	SHIM,FRONT AXLE NON-OSC, 22 GA	2

203.1 2WD Steer Axle Linkage, Non-oscillate Models



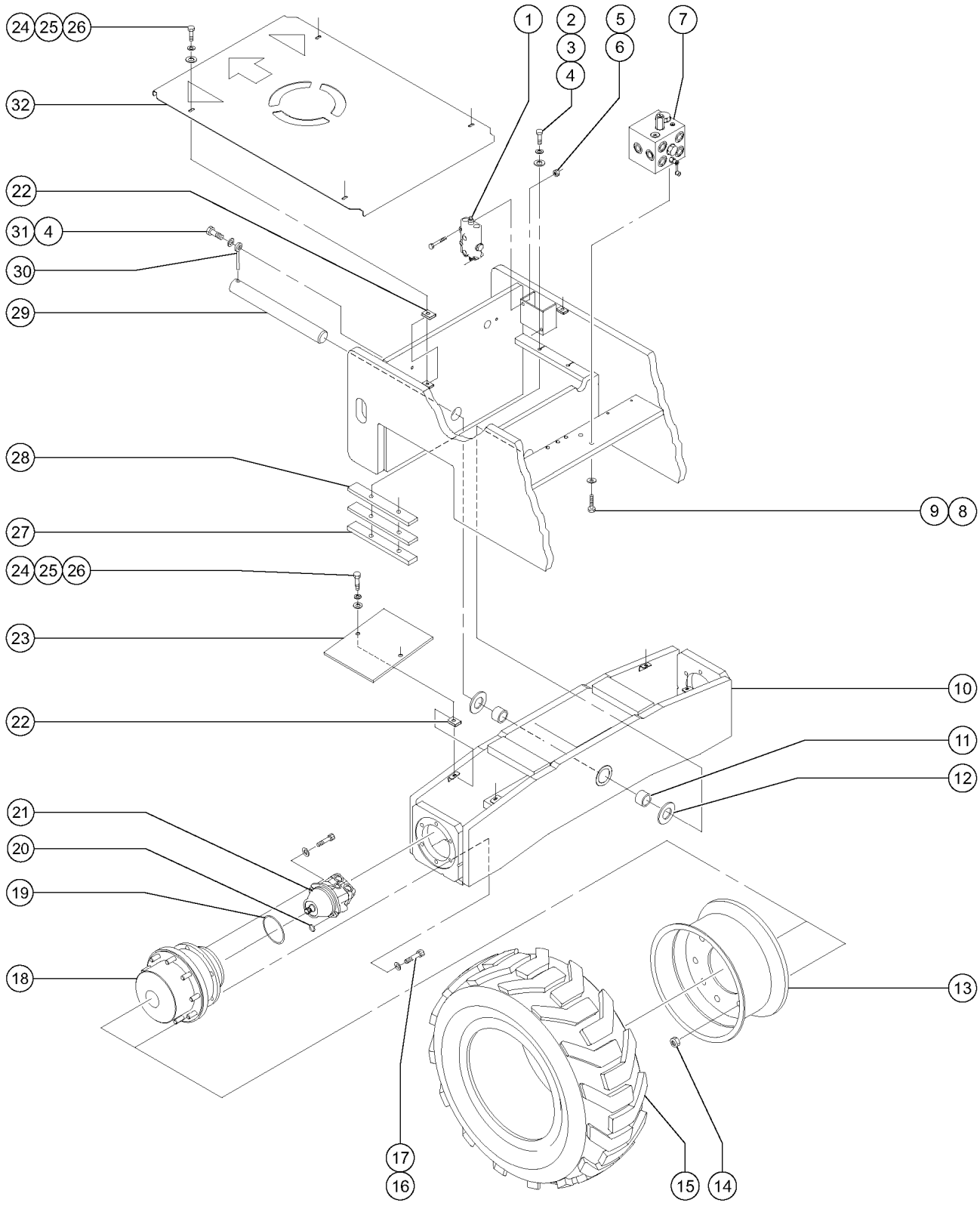
Item	*Part No.*	*Description*	*Qty.*
29	73475GT	SHIM,FRONT AXLE NON-OSC, 12 GA	2
30	6198GT	NUT, NYLOCK, 1/2-13	

204.1 Non-steer Axle



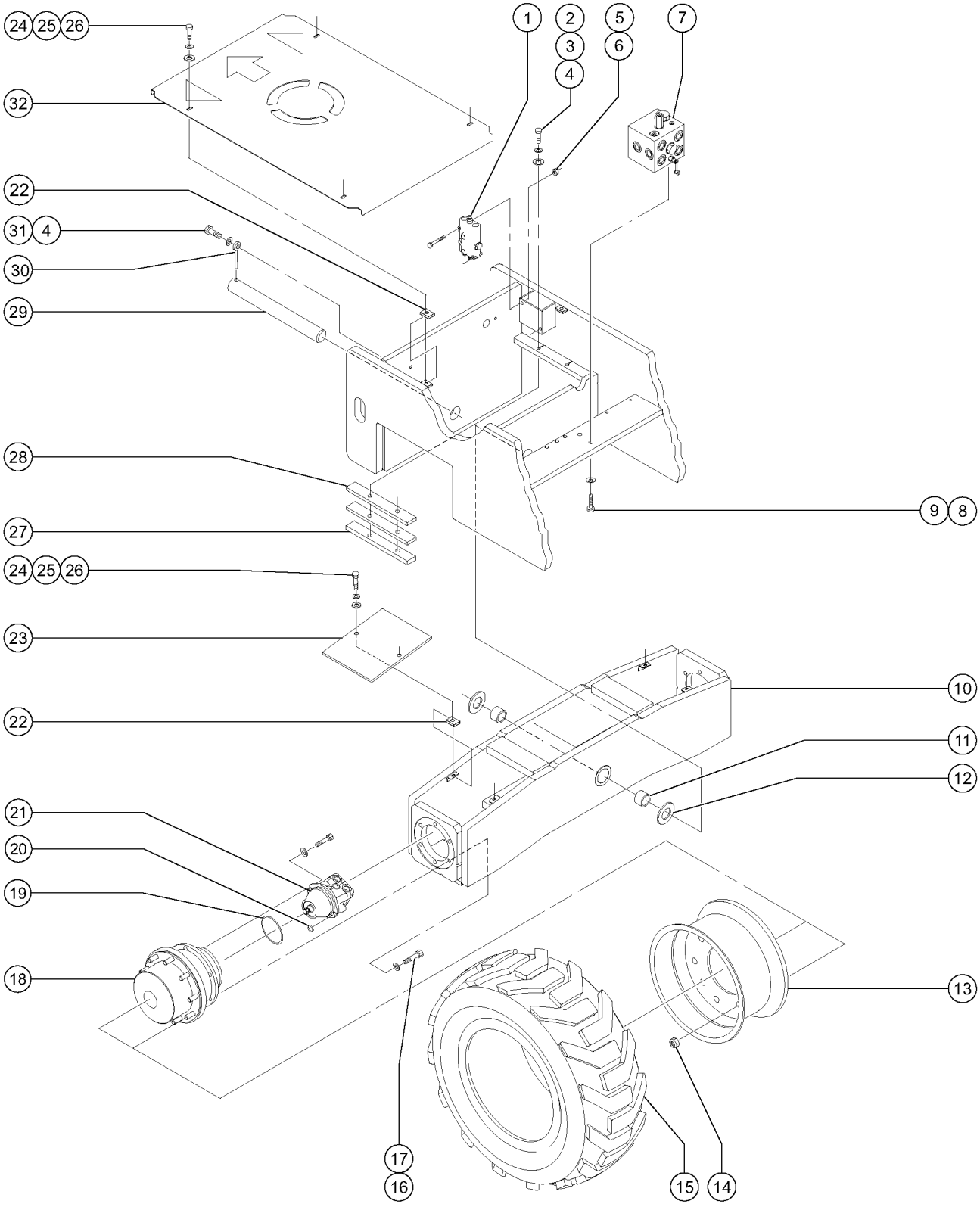
Item	Part No.	Description	Qty.
1		Ref. Oscillate Control Valve (refer to 709.1)	
2	9145GT	SCREW,HHC,1/2-13 X 2.5,GR5	
3	13066GT	WASHER,FLAT,.5 HARDENED	4
4	6033GT	WASHER,LOCK,0.5"	
5	4266GT	SCREW,HHC,1/4-20 X 2	
6	6091GT	NUT,NYLOCK,1/4-20	
7		Ref. 2WD Traction Manifold (refer to 701.1)	
7-		Ref. 4WD Traction Manifold (refer to 702.1)	
8	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
9	6021GT	WASHER, LOCK, .375	
10	89331GT	NON-STEER AXLE ASSEMBLY includes items 11	1
11	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
12	29746GT	WASHER,FLAT,2.5 X 4 X .062	
13	122346GT	WHEEL,22.5 X 14.00, Z60	2
13-	12234GT	DECAL,GENIE" 6" X 19" (BOOM)	
14	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
15	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2
15-	81164GT	TIRE,41/18LL X 22.5,14PR,TURF* High-flotation tire	
15-	73210GT	TIRE,385 19.5,16PLY,NON-MARKI Non-marking tire	
15-	75579GT	TIRE & WHEEL ASSY.: AIR right side	1
15-	75578GT	TIRE & WHEEL ASSY.: AIR left side	
15-	75581GT	TIRE & WHEEL ASSY.:FOAM left side	1
15-	75580GT	TIRE & WHEEL ASSY.:FOAM right side	
15-	89033GT	TIRE & WHEEL ASSY.:TURF	2
15-	89702GT	TIRE/WHEEL ASSY:AIR,NONMARK left side	1
15-	89703GT	TIRE/WHEEL ASSY:AIR,NONMARK right side	
15-	89704GT	TIRE/WHEEL ASSY:FOAM,NONMARK right side	1
15-	89705GT	TIRE/WHEEL ASSY:FOAM,NONMARK left side	

204.1 Non-steer Axle



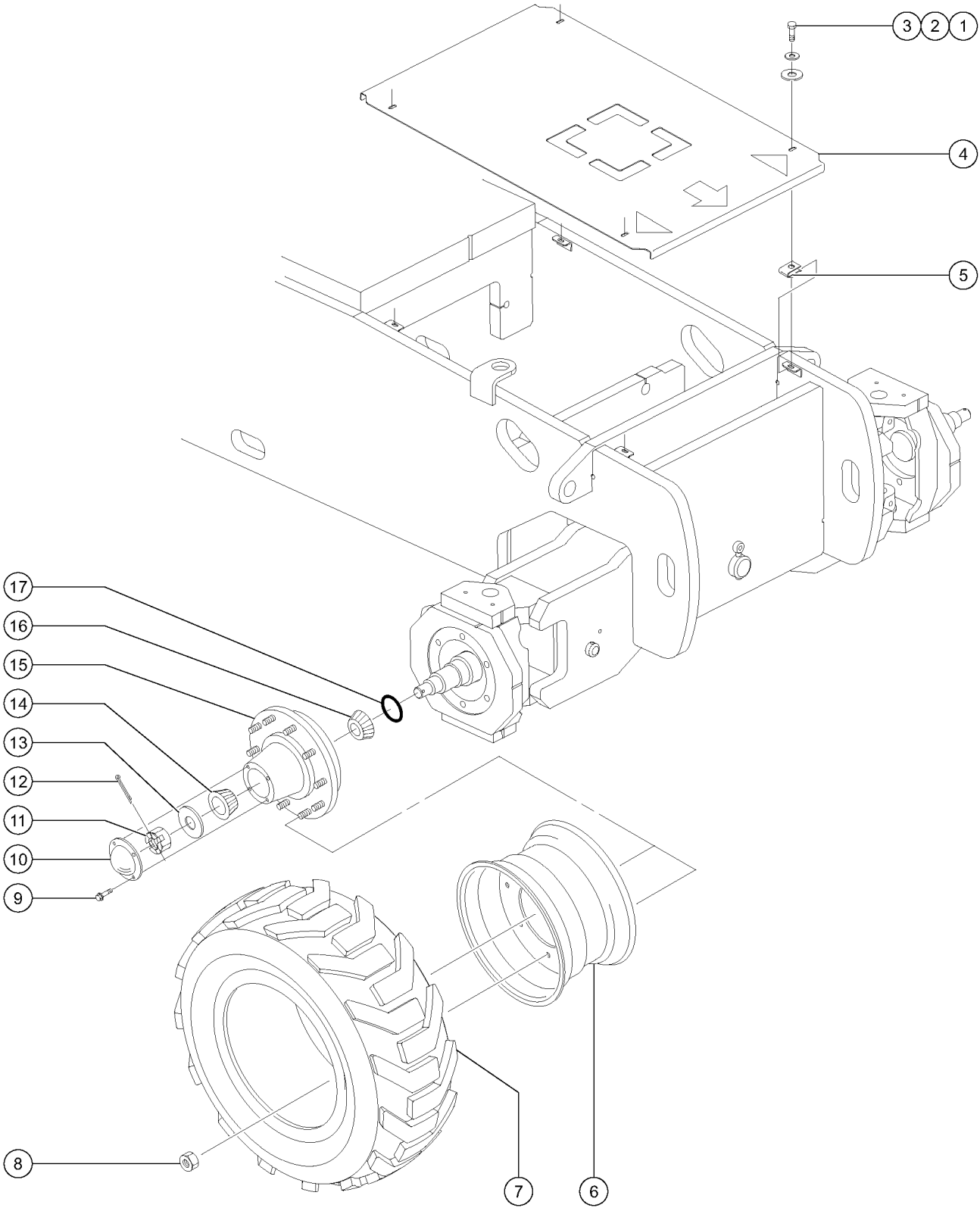
Item	Part No.	Description	Qty.
16	81110GT	SCREW,HHC,5/8-11 X 2 GRD.8	12
17	89682GT	WASHER,FLAT,HARDENED.656X1.313	12
18A	75878GT	WHEEL DRIVE,51:1 4WD models, component drive motor no longer available separately.	2
18A-	146341GT	SHAFT NUT (75878) for 75878, need to verify that nut is 170MM	
18B	79738GT	WHEEL DRIVE,62.5:1 W/M&B 2WD models, component drive motor no longer available separately.	
18-	65824GT	SEAL KIT*** for 75878 and 79738	
18-	162399GT	SEAL, SHAFT for 75878 and 79738	
18-	89324GT	KIT,BEARING,DRIVE HUB*** for both 75878 and 79738	
18-	89325GT	WASHER, THRUST for both 75878 and 79738, rear of gear.	
18-	89326GT	WASHER, THRUST for both 75878 and 79738, front of gear.	
18-	89323GT	COVER, DRIVE HUB for both 75878 and 79738	
18-	74442GT	STUD-WHEEL,5/8-18 (56828)*** for both 75878 and 79738	
18-	89327GT	SNAP RING for both 75878 and 79738	
18-	74443GT	O-RING, COVER 190X3MM (56828) for both 75878 and 79738	
19	102158GT	O-RING,.103 X 4.737,VITON, 75D	2
20	106117GT	O-RING,2-010,VITON	2
21	88885GT	MOTOR,PISTON,35CC,2WD*** 2WD models after serial number 4550	2
21-	72290GT	SNAP RING(M46 UNITS)* for 88885	
21-	102159GT	SHAFT,15 TOOTH for 88885	
21-	102155GT	BEARING,BALL DRIVE SHAFT for 88885	
21-	27067GT	SEAL,SHAFT-SUNDSTRAND*** for 88885	
21-	106098GT	SEAL KIT,MOTOR,LC/KC*** for 88885	
21-	102160GT	RING, RETAINING for 88885	
21-	102161GT	RING, PISTON for 88885	
21-	88884GT	MOTOR,PISTON,30CC,4WD*** 4WD models	2
21-	72290GT	SNAP RING(M46 UNITS)* for 88884	
21-	102159GT	SHAFT,15 TOOTH for 88884	
21-	102155GT	BEARING,BALL DRIVE SHAFT for 88884	

204.1 Non-steer Axle



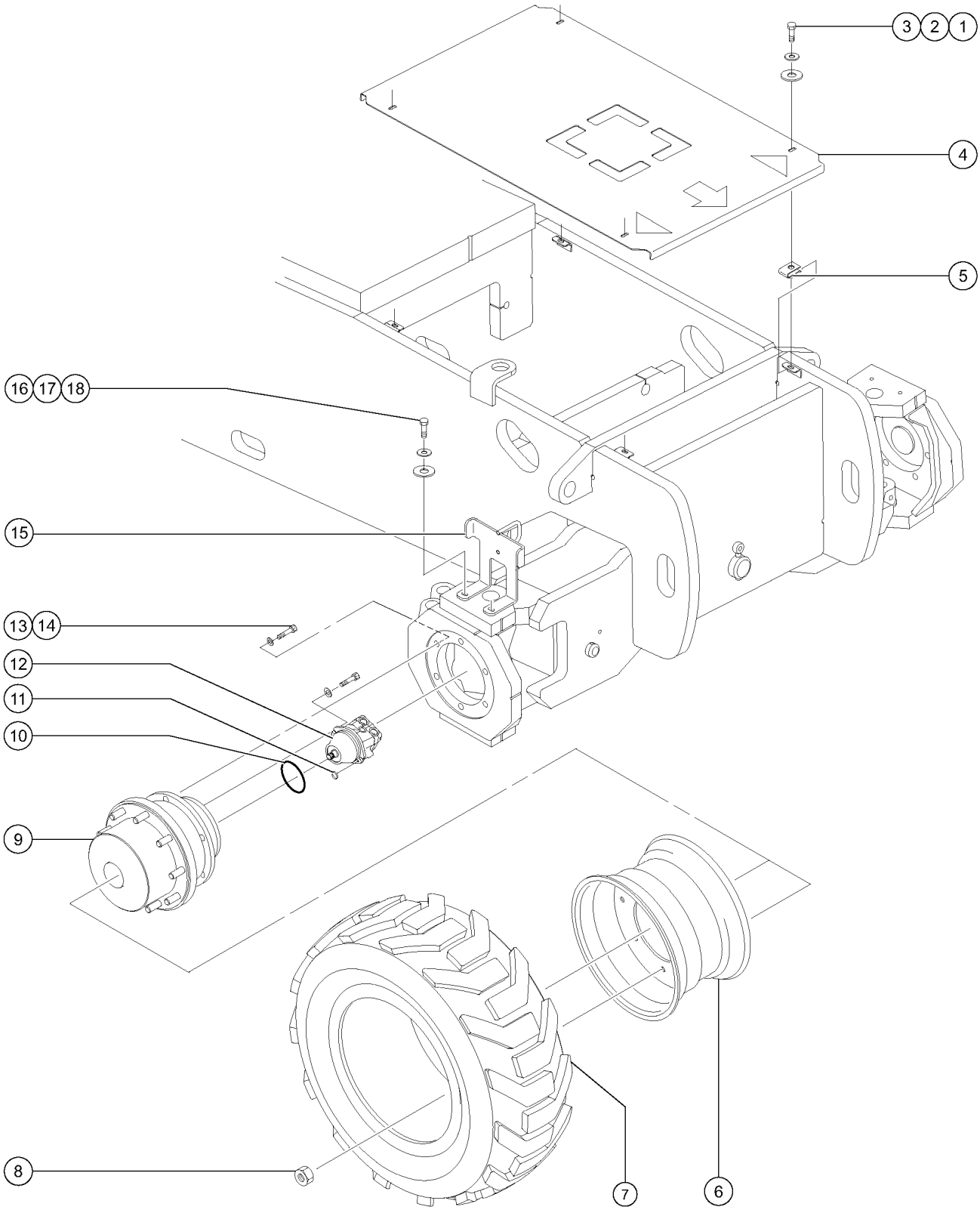
Item	Part No.	Description	Qty.
21-	27067GT	SEAL,SHAFT-SUNDSTRAND*** for 88884	
21-	106098GT	SEAL KIT,MOTOR,LC/KC*** for 88884	
21-	102159GT	SHAFT,15 TOOTH for 88884	
21-	102160GT	RING, RETAINING for 88884	
21-	102161GT	RING, PISTON for 88884	
22	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
23	63630PGT	COVER, REAR AXLE, PAINTED	2
24	6090GT	SCREW, HHC, 1/4-20 X .75	
25	6356GT	WASHER, LOCK, .25	
26	6638GT	WASHER, FLAT, USS, 1/4"Y	
27	89362PGT	BAR,AXLE ROTATION STOP,OSC. oscillate models	2
27-	89361PGT	BAR,AXLE ROTATION STOP,NON-OSC non-oscillate models	
28	34216GT	SHIM,AXLE ROTATION STOP,22GA	as ne ed ed
29	73766GT	PIN,2.5 DIA X 23.88 LG	1
30	1256267GT	ROD END,.5 X 3.75,ZAG	1
31	8177GT	SCREW,HHC,1/2-13 X 1.5	
32	89332GT	COVER ASSEMBLY W/DECALS-NONSTE	1

205.1 2WD Steer Axle - Wheels and Hubs



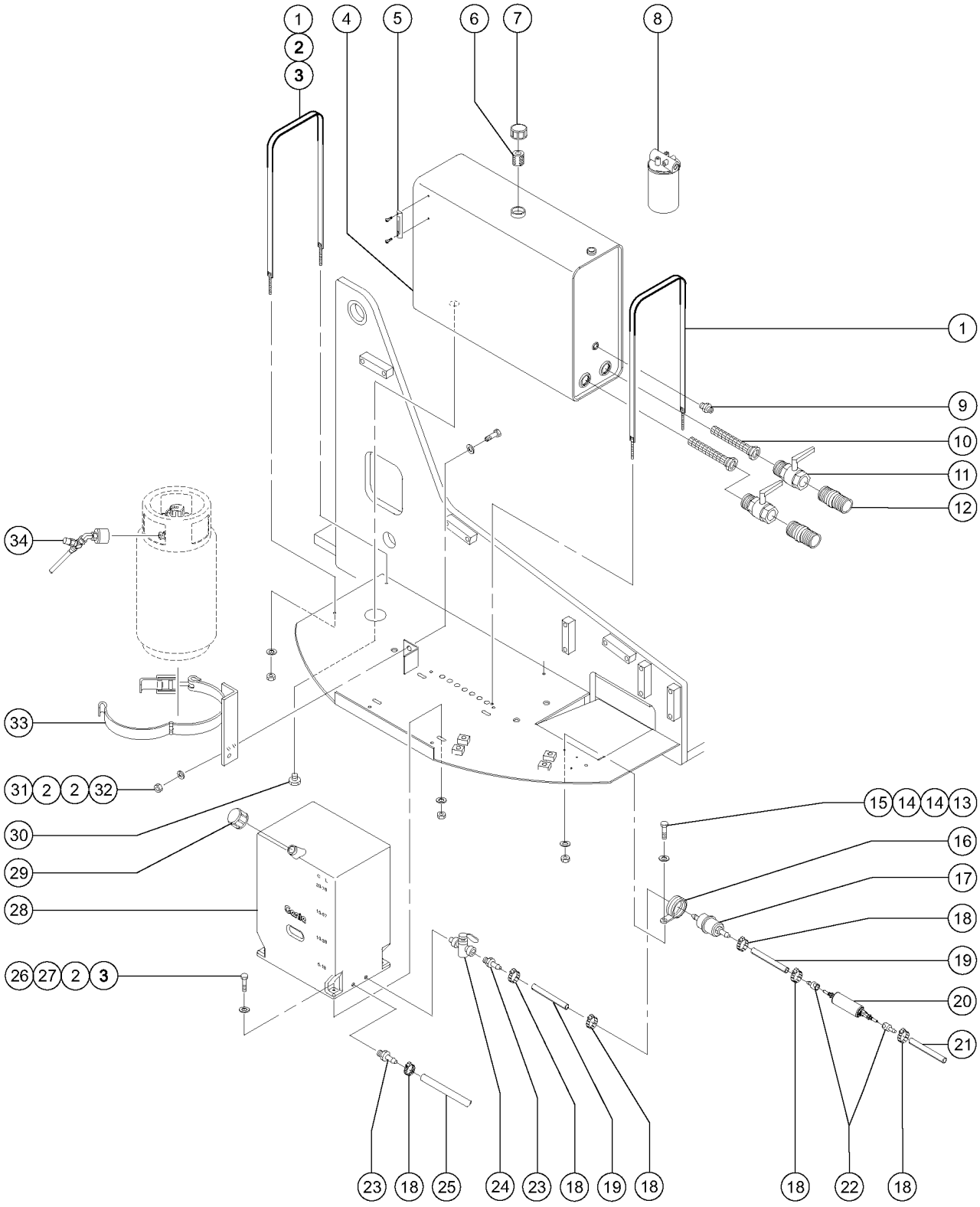
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	75863GT	COVER ASSEMBLY W/DECALS-STEER	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
6		Ref. Wheel (refer to 204.1)	
7	73258GT	TIRE & WHEEL ASSY: AIR right side	
7-	73257GT	TIRE & WHEEL ASSY: AIR left side	
7-	73261GT	TIRE & WHEEL ASSY,FOAM*** right side	
7-	73260GT	TIRE & WHEEL ASSY,FOAM*** left side	
8	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	16
9	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
10	53985GT	CAP, DUST	2
11	53989GT	NUT,CASTLE, 1-1/4 - 12 UNF	2
12	53990GT	PIN, COTTER, 732 DIA	2
13	53988GT	WASHER, PLATE	2
13-	53992GT	RUBBER GASKET	
14	53987GT	OUTER BEARING	2
15		Contact service department	2
15-	53994GT	STUD, HUB, 5/8-18 X 2 1/2	
15-	53993GT	KIT,BEARING, Z60	
16	53986GT	INNER BEARING	2
17	53991GT	SEAL, GREASE	2

206.1 4WD Steer Axle - Wheels and Hubs



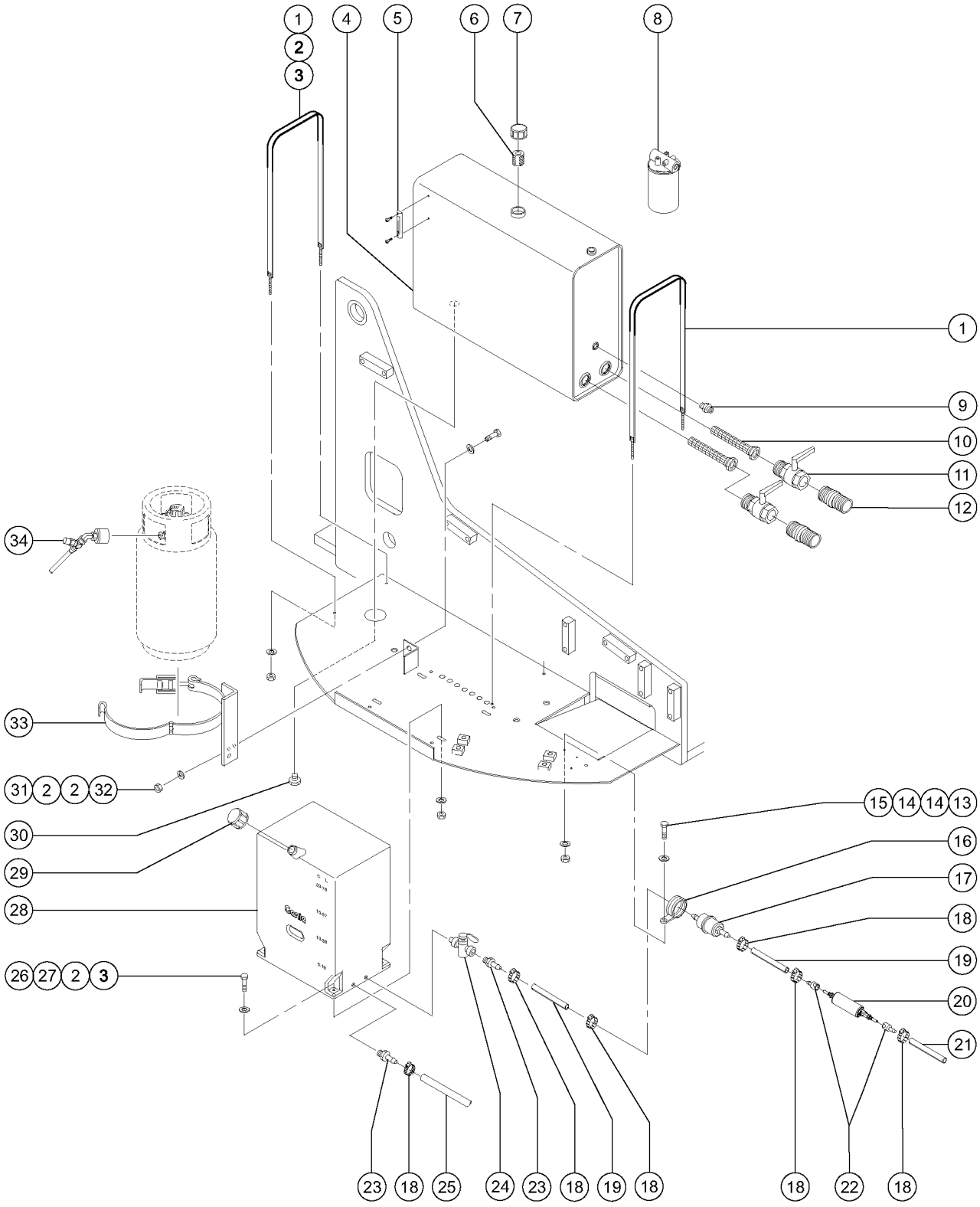
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	75863GT	COVER ASSEMBLY W/DECALS-STEER	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
6		Ref. Wheel (refer to 204.1)	2
7		Ref. Tire (refer to 204.1)	
8	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
9		Ref. Drive Hub, 51:1 (refer to 204.1)	
10	102158GT	O-RING,.103 X 4.737,VITON, 75D	2
11	102157GT	O-RING,.070 X .239,VITON 75D	2
12		Ref. Drive Motor (refer to 204.1)	
13	81110GT	SCREW,HHC,5/8-11 X 2 GRD.8	12
14	89682GT	WASHER,FLAT,HARDENED.656X1.313	12
15	89237GT	WELDMENT,GUIDE BRACKET	2
16	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
17	6021GT	WASHER, LOCK, .375	
18	57201GT	WASHER,FLAT,313, HARDENED	2

301.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models



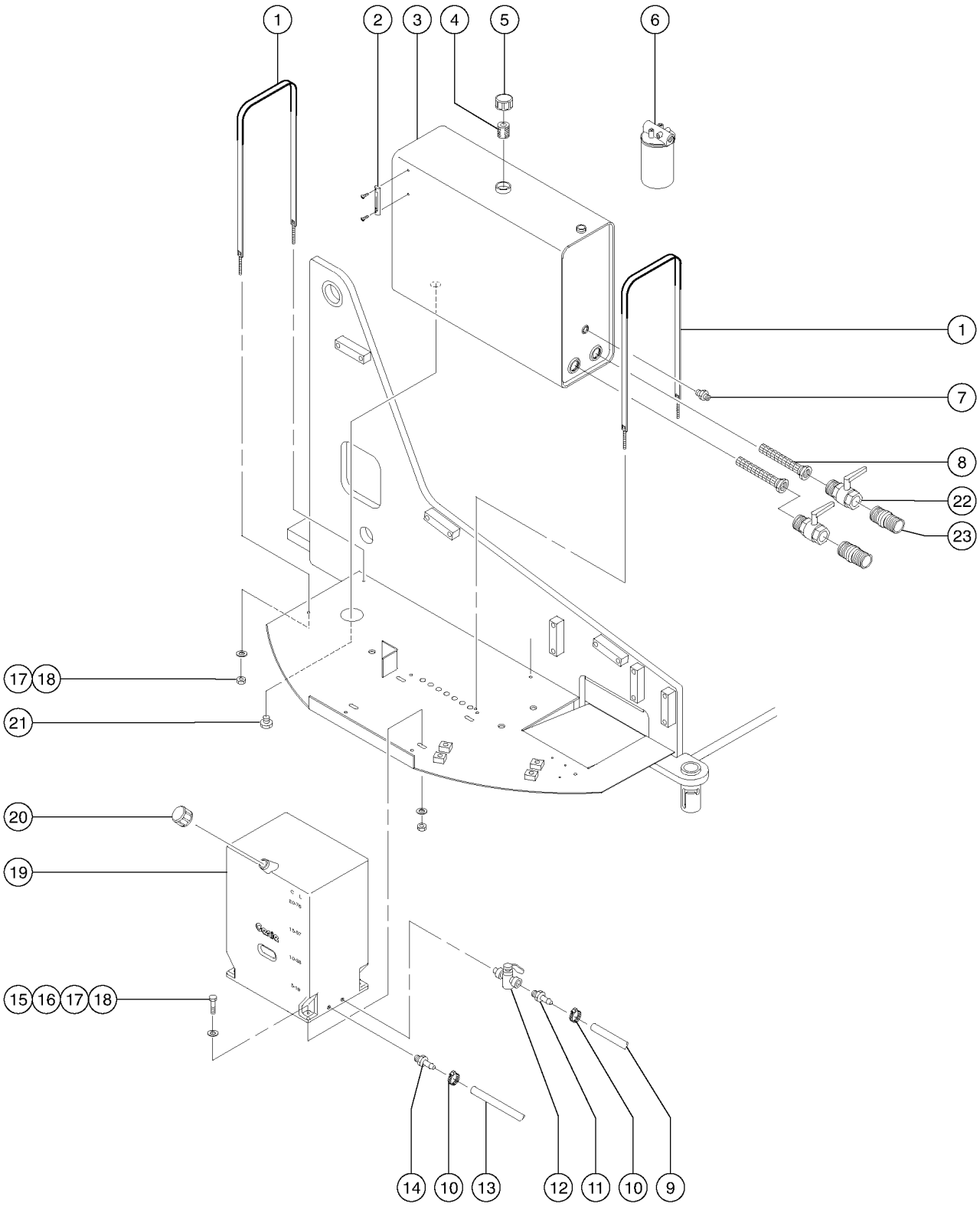
Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	102988GT	HYDRAULIC TANK ASSY W/WORD DEC includes items 5-7, 9, 10 and 30	1
4-	102989GT	HYDRAULIC TANK ASSY W/SYMB DEC includes items 5-7, 9, 10 and 30	
5	21141GT	GAUGE-SIGHT,LHA-LGTB***	1
6	31506GT	STRAINER,FILLER NECK	1
7	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
8	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
8-	46014GT	FILTER,ELEMENT,BETA(6)=200	
9	48922GT	CONN,520102-6-6	1
10	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
11	48994GT	VALVE,BALL,16 MPT-16 FPT***	2
12	48986GT	CONN,520102-16	2
13	6090GT	SCREW, HHC, 1/4-20 X .75	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	6889GT	NUT,LP NYLOCK,1/4-20	
16	45455GT	CLAMP,2.75,#44 X 1/4,RUB CUSH*	1
17	52179GT	FILTER, FUEL LRG 425/423 EFI	1
18	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	6
19	27089GT	HOSE,5/16 FUEL,SAE 30R7	
20	77219GT	PUMP, FUEL, LRG425, WALBRO	1
21	71909GT	HOSE,FUEL,5/16 HIGH PRESSURE**	
22	65892GT	CONN. ASSY,7.9 TUBE X6.35 HOSE	2
23	53023GT	FITTING,1/4 MPT 5/16 BARB	2
24	19487GT	VALVE, FUEL LOCK	1

301.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models



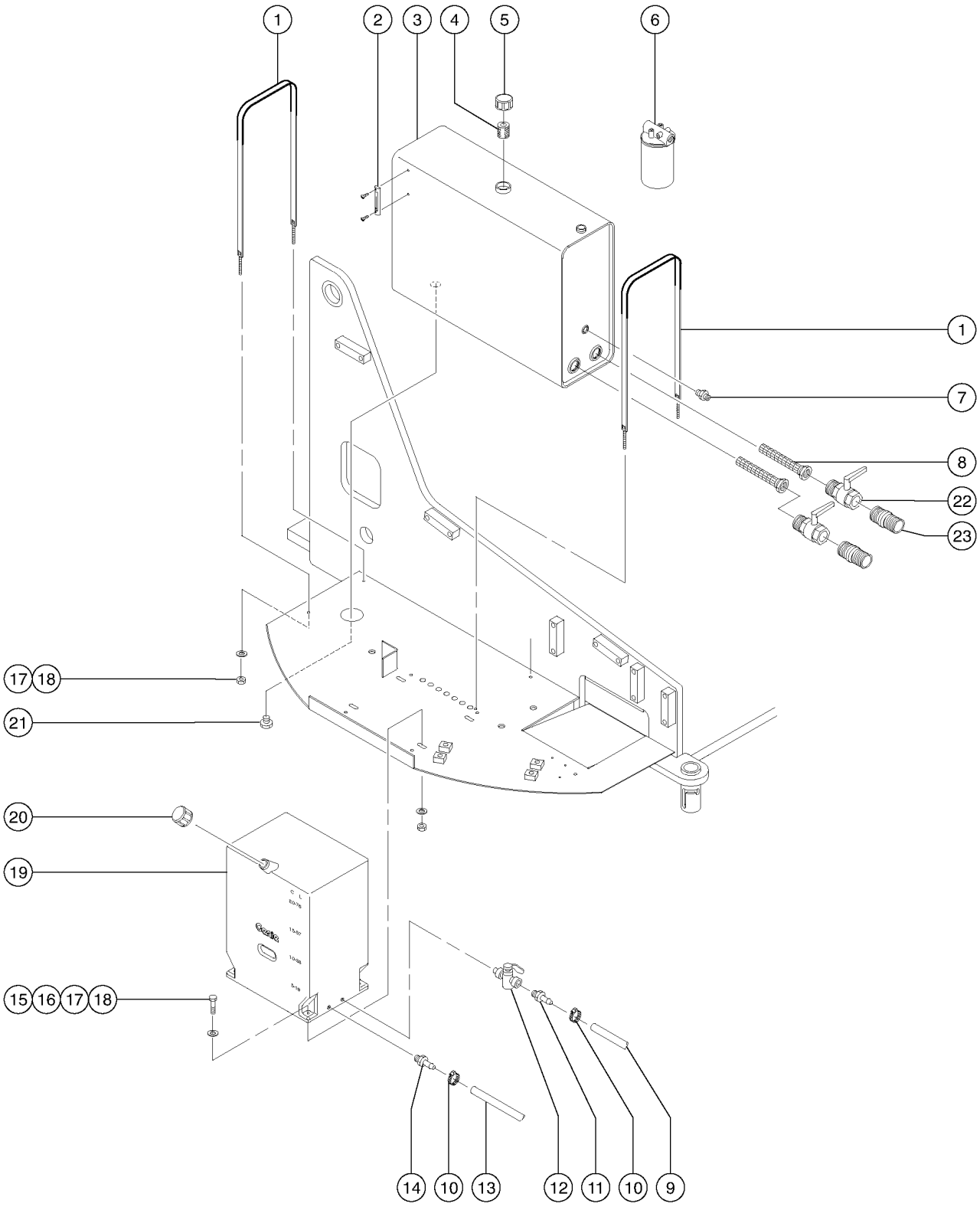
Item	Part No.	Description	Qty.
25	27089GT	HOSE,5/16 FUEL,SAE 30R7	
26	8178GT	SCREW, HHC, 3/8-16 X 2.5	
27	6097GT	WASHER, FLAT, USS, 3/8", Y	
28	65610-SGT	FUEL TANK ASSY W/CAP, 20 GAL includes item 29	1
29	101727GT	CAP,FUEL,GAS,1/8"VENT(RED)	1
30	31507GT	PLUG,SQUARE HEAD,3/4 MPT	1
31	7713GT	NUT, LP NYLOCK, 3/8-16	
32	6175GT	SCREW,HHC,3/8-16 X 1	
33	30256-SGT	L.P. TANK BRACKET WELDMENT	1
34	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG** to SN 4545	1
34-	30275GT	HOSE ASSEMBLY,LP. 137" from SN 4546	

302.1 Hydraulic and Fuel Tanks - Diesel Models



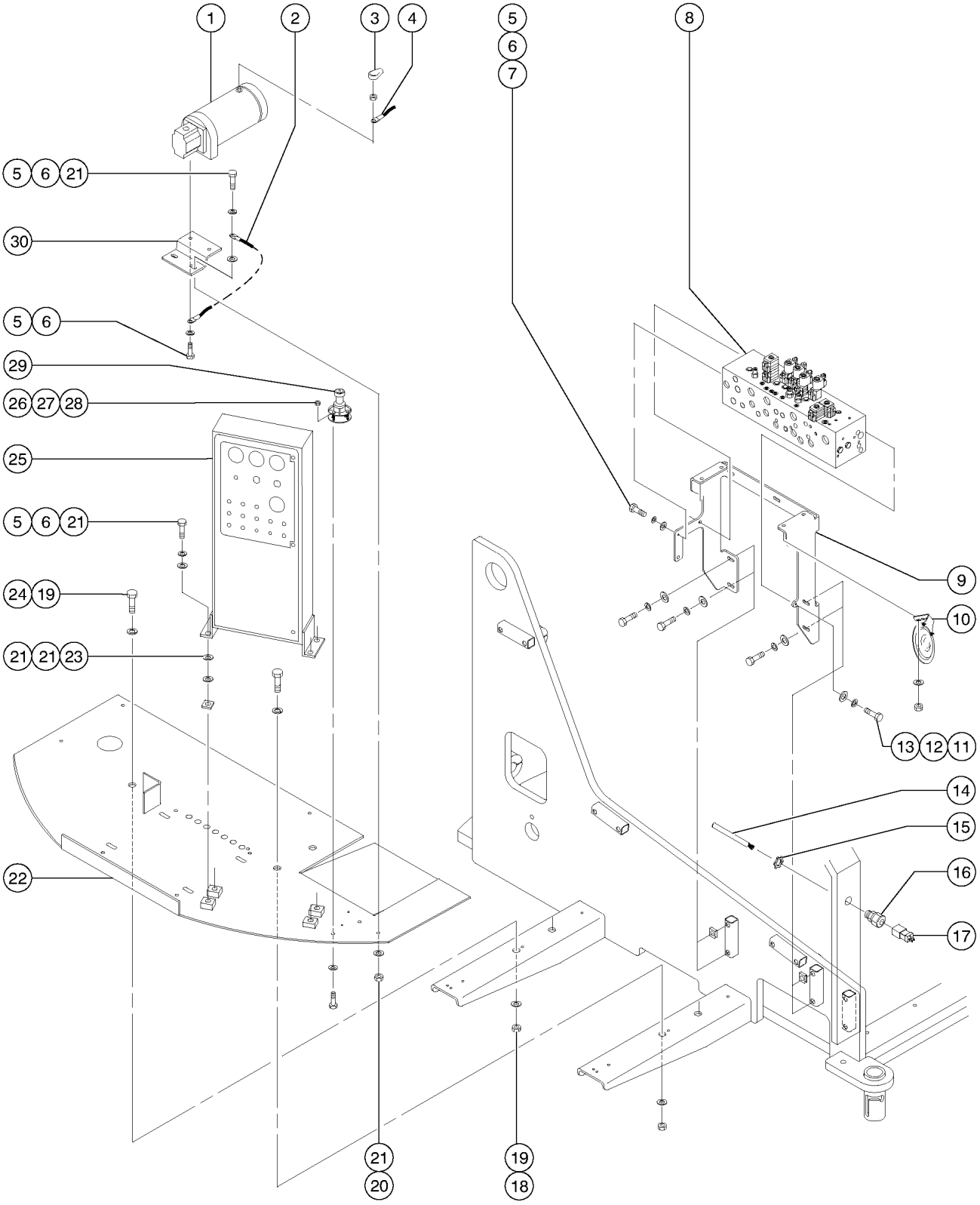
Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
2	21141GT	GAUGE-SIGHT,LHA-LGTB***	1
3	102988GT	HYDRAULIC TANK ASSY W/WORD DEC includes items 2, 4, 5, 7, 8 and 21	1
3-	102989GT	HYDRAULIC TANK ASSY W/SYMB DEC includes items 2, 4, 5, 7, 8 and 21	
4	31506GT	STRAINER,FILLER NECK	1
5	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
6	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
6-	58930GT	INDICATOR,29908,20279,48470	
6-	46014GT	FILTER,ELEMENT,BETA(6)=200	
7	48922GT	CONN,520102-6-6	1
8	45161GT	STRAINER ASSEMBLY,1.5" NPT	1
9	27089GT	HOSE,5/16 FUEL,SAE 30R7	
10	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	2
11	53023GT	FITTING,1/4 MPT 5/16 BARB	1
12	19487GT	VALVE, FUEL LOCK	1
13	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7	
14	29137GT	HOSE END,MALE.25 X .25 MPT***	1
15	8178GT	SCREW, HHC, 3/8-16 X 2.5	
16	6097GT	WASHER, FLAT, USS, 3/8", Y	
17	5397GT	WASHER, FLAT, USS, 5/16-18	
18	4828GT	NUT, NYLOCK, 3/8-16	
19	65611-SGT	FUEL TANK ASSY W/CAP, 20 GAL** includes item 20	1
19-	54325GT	FITTING,BULKHEAD,1/4NPT,FUELTK	
20	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) no longer available, (replaced by 1316635)	1
20B	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1
21	31507GT	PLUG,SQUARE HEAD,3/4 MPT	1

302.1 Hydraulic and Fuel Tanks - Diesel Models



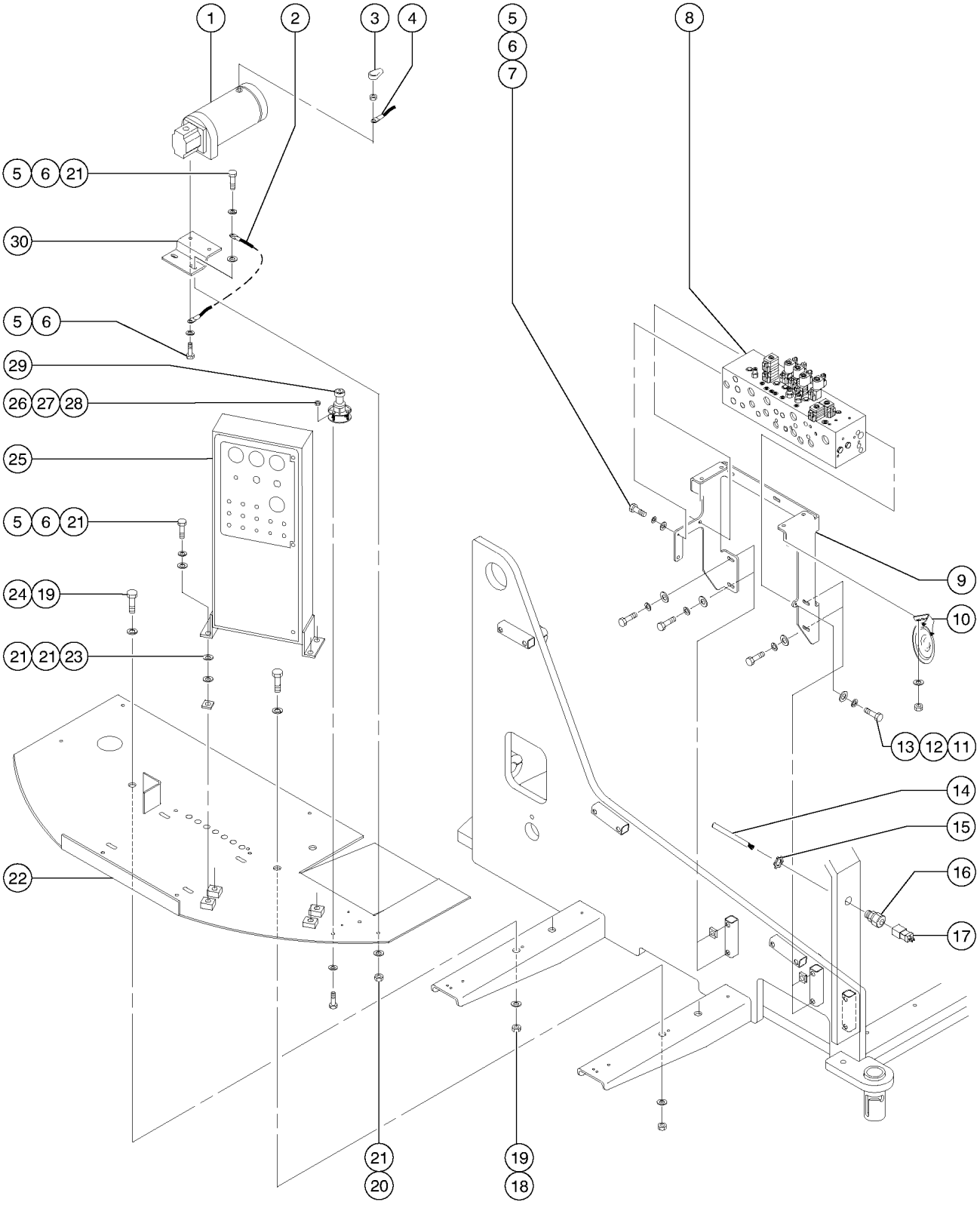
Item	*Part No.*	*Description*	*Qty.*
22	48994GT	VALVE,BALL,16 MPT-16 FPT***	2
23	48986GT	CONN,520102-16	2

303.1 Function Manifold and Auxiliary Power Unit Installation



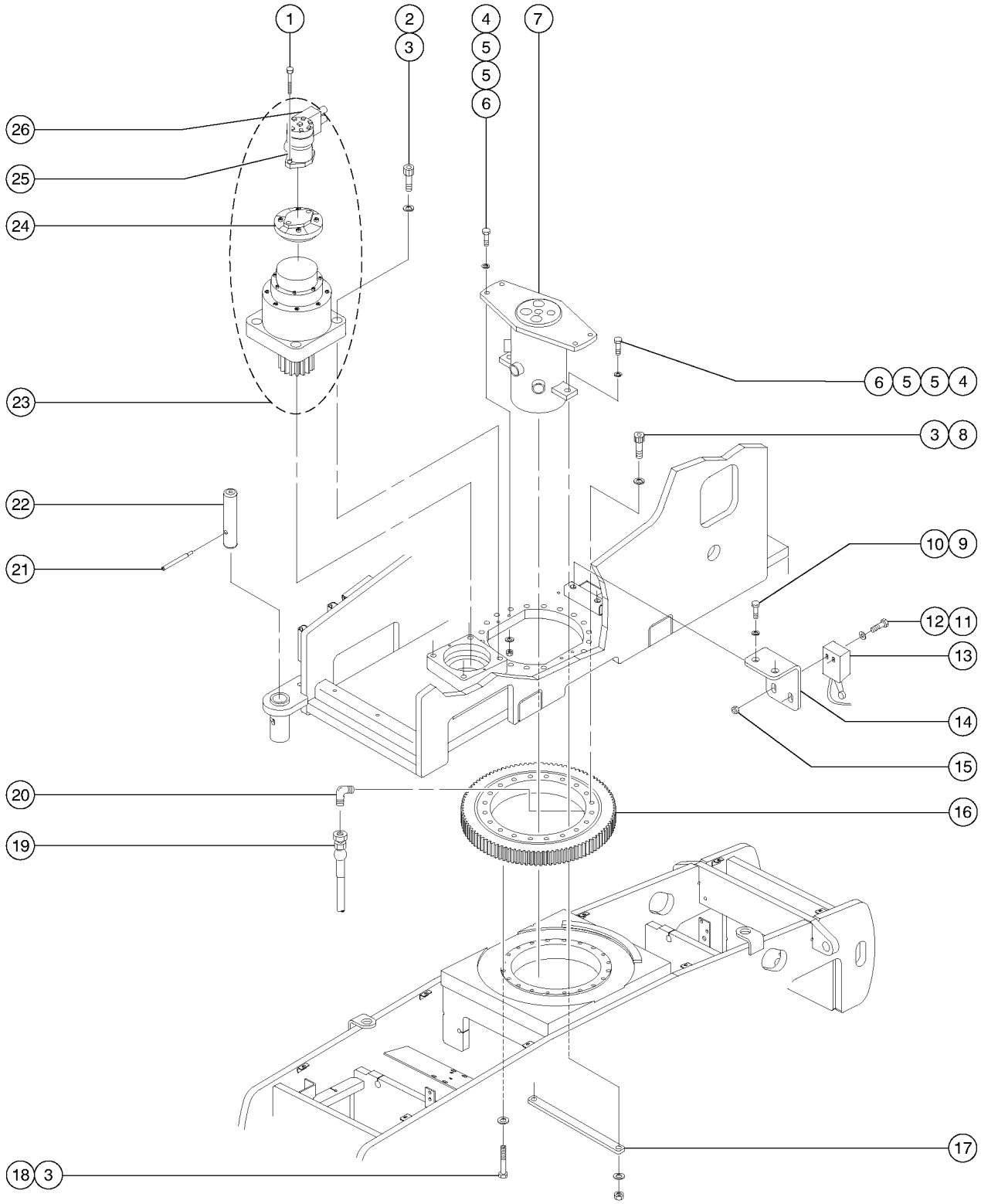
Item	*Part No.*	*Description*	*Qty.*
1	89620GT	POWER UNIT,AUX PUMP 12VDC	1
1-	77069GT	MOTOR,12VDC,77066	
1-	58489GT	PUMP ASSY,AUX.POWER UNIT 89617	
1-	75858GT	VALVE,CHECK ASSEMBLY	
1-	37192GT	COUPLER, PUMP / MOTOR (36179)	
1-	122754GT	CABLE,#4GA,POS.AUX,RED,108"	
2	13082GT	WELDING CABLE,#4 EXCELENE/BLK.	61 inches
3	8910GT	BOOT,CABLE TERM,MED.RED,4/0	1
4	65612GT	CABLE ASSEMBLY	
5	6175GT	SCREW,HHC,3/8-16 X 1	6
6	6021GT	WASHER, LOCK, .375	
7	6097GT	WASHER, FLAT, USS, 3/8", Y	
8		Ref. Function Manifold (refer to 704.1 and 706.1)	
9	75988PGT	BRACKET,FILTER MOUNT,PAINTED	1
10	81578GT	HORN,12VDC,SPADE TERMINALS***	1
11	6888GT	SCREW, HHC, 1/4-20 X 1	
12	6356GT	WASHER, LOCK, .25	
13	6638GT	WASHER, FLAT, USS, 1/4"Y	
14	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	
15	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
16	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
17	6595GT	PLUG,ELECTRICAL,DOMESTIC	1
17-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
17-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
17-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
17-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
17-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	

303.1 Function Manifold and Auxiliary Power Unit Installation



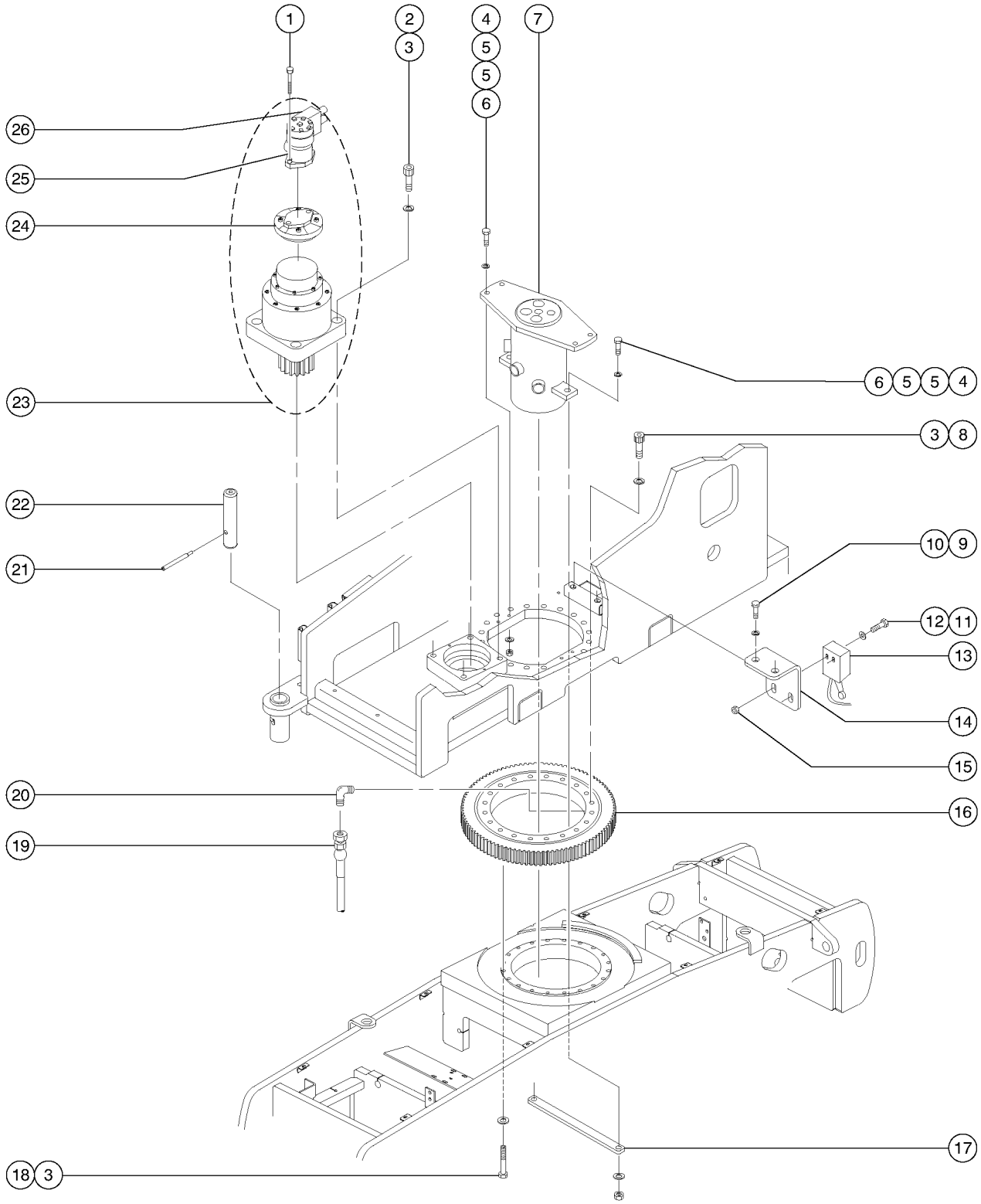
Item	Part No.	Description	Qty.
18	6024GT	NUT,NYLOCK,5/8-11	
19	13064GT	WASHER,FLAT,.625 HARDENED	8
20	7713GT	NUT, LP NYLOCK, 3/8-16	
21	5397GT	WASHER, FLAT, USS, 5/16-18	
22	75649GT	WLDMNT,HYDRAULIC TANK MODULE	1
23	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
24	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
25		Ref. Ground Controls (refer to 305.1 and 307.1)	
26	6889GT	NUT,LP NYLOCK,1/4-20	
27	6886GT	WASHER,LOCK,.313	
28	6090GT	SCREW, HHC, 1/4-20 X .75	
29A	94077GT	SENSOR,LEVEL,4.5 DEG USA/Canada/ Australia models	1
29B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 European models	
29C	1260218GT	HARNESS,TILT ALARM,12V for CSA models	1
29D	1261449GT	ASSY,RECEP,12V,CSA TILT For ANSI/CSA models with 6-pin wire harness connector, includes instructions	1
30	25855PGT	BRACKET,AUX PUMP MOUNT,PAINT	1

304.1 Turntable Rotation and Hydraulic Rotary Coupler Installation



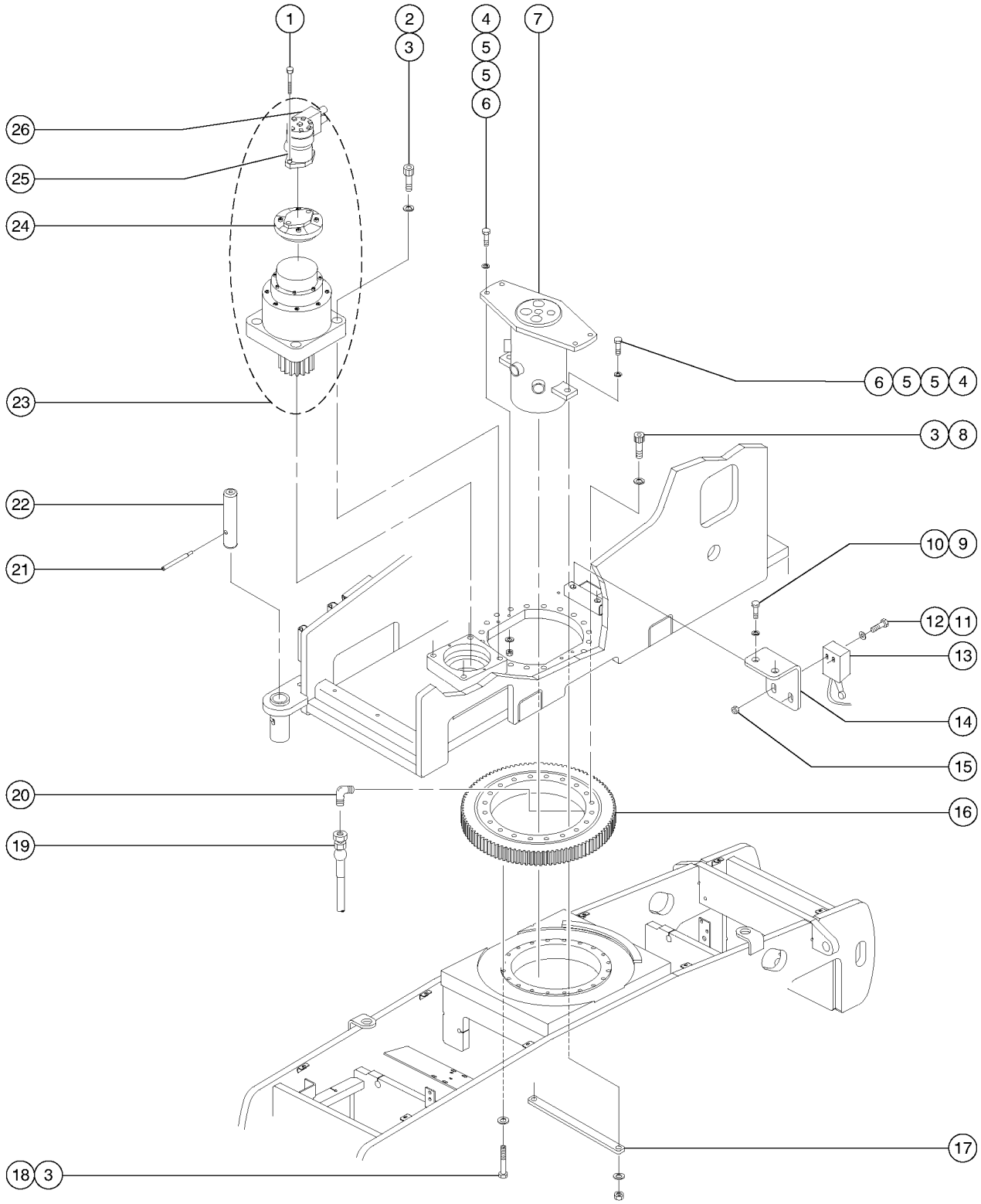
Item	Part No.	Description	Qty.
1	56843GT	SCREW,SHC,1/2-13 X 1.50,A574	
2	81110GT	SCREW,HHC,5/8-11 X 2 GRD.8	4
3	13064GT	WASHER,FLAT,.625 HARDENED	44
4	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	6
5	5397GT	WASHER, FLAT, USS, 5/16-18	
6	4828GT	NUT, NYLOCK, 3/8-16	
7	48541GT	HYD.SWIV.,9PORT S60,Z60 to SN 4385	1
7A-	49528GT	SEAL KIT,SWIVEL (48541) use with 48541	
7B-	89571GT	SWIVEL,HYD 8 PORT*** from SN 4386	
7C-	94937GT	SEAL KIT,8-PORT SWIVEL use with 89571	
7D-	T106954GT	SEAL, O-RING LIP use with 48541 and 89571	
7E-	T106955GT	SEAL, POLY, CHAMFER use with 48541 and 89571	
7F-	T106957GT	SEAL, CAP, NOTCHED use with 89571	
7G-	T106961GT	SEAL, O-RING ENERGIZER use with 89571	
7H-	T106962GT	SEAL, CAP, NOTCHED use with 89571	
7I-	T106956GT	SEAL,O-RING,SQUARE use with 48541	
7J-	T106958GT	SEAL, CAP use with 48541	
7K-	T106959GT	SEAL, CROWN, 2 PART use with 48541	
7L-	T106960GT	SEAL, CAP use with 48541	
7M-	216248GT	THRUST RING*** use with 48541	
7N-	216249GT	RETAINING RING*** use with 48541	
7O-	216248GT	THRUST RING*** use with 48541	
7P-	216249GT	RETAINING RING*** use with 48541	
8	45066GT	SCREW,SHC,5/8-11 X 2.25	20
9	7339GT	SCREW,HHC,1/4-20 X .5	
10	6356GT	WASHER, LOCK, .25	
11	22541GT	SCREW,RHM,10-32 X 1.5	
12	6146GT	WASHER,FLAT,MS,#10,Y	

304.1 Turntable Rotation and Hydraulic Rotary Coupler Installation



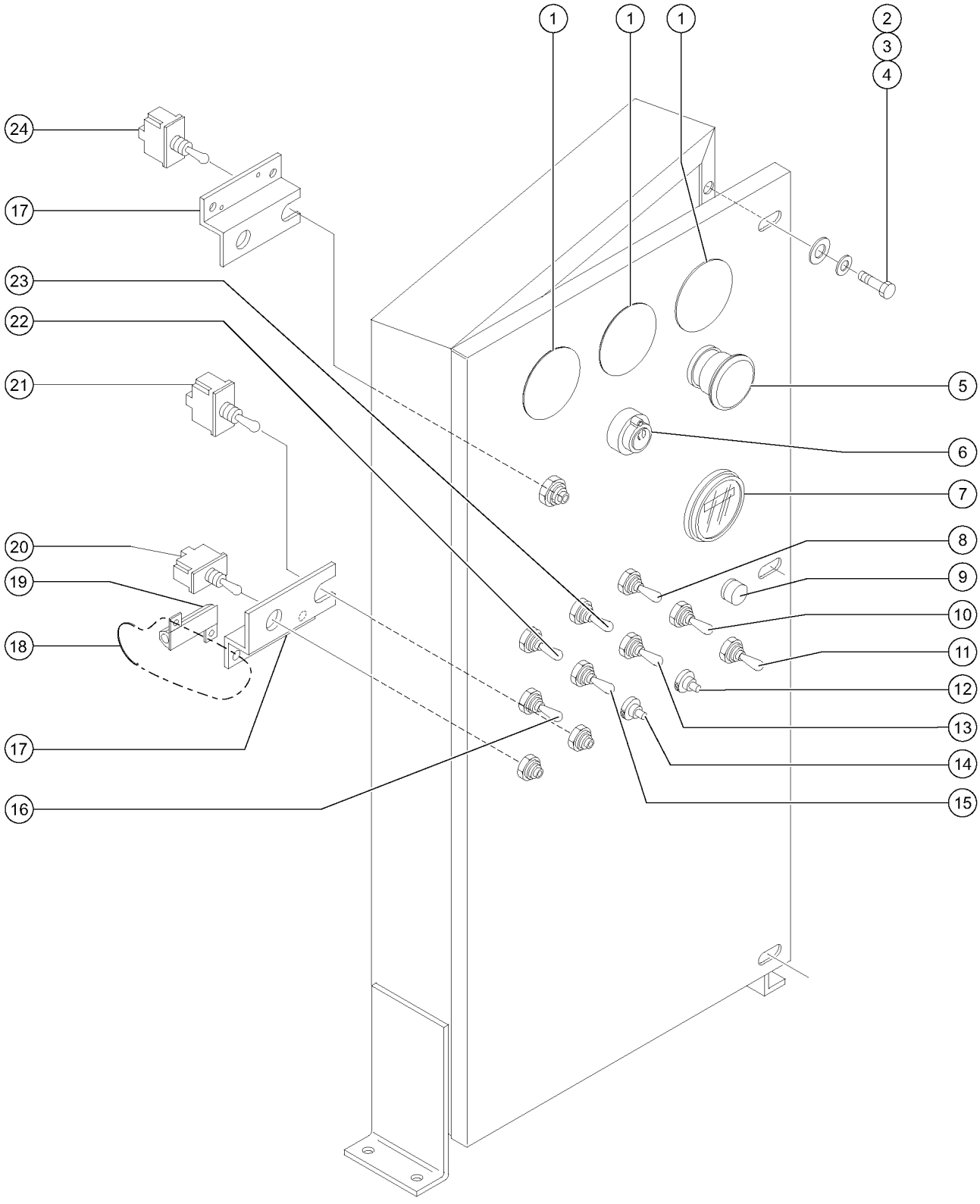
Item	*Part No.*	*Description*	*Qty.*
13	89870GT	HARNESS,DRIVE ENABLE,Z60 to SN 4495	
13-	102176GT	HARNESS,DRIVE ENABLE,Z60 from SN 4496	1
13-	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	
13-	19491GT	CONTACTOR,LIMIT SWITCH	
13-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
13-	97128GT	ROLLER ARM,LIMIT SWITCH***	
14	111647PGT	FORMING,DRIVE ENABLE BRACKET	1
15	6178GT	NUT, NYLOCK, 10-32	
16	111648GT	BEARING,SERIES 3000	1
17	89098PGT	PLATE,HYD. SWIVEL LOCK,PAINTED	1
18	21175GT	SCREW,SHC,5/8-11 X 4,A574	20
19	49189-5438-SGT	HOSE ASSEMBLY,1/4	1
20	48887GT	ELBOW,90D, 070202-4	1
20-	30297GT	ZERK,GREASE,1/8 NPT,90DEG.	
21	61223GT	PIN,TRANSPORT STORAGE HANDLE	1
22	61222GT	PIN,TRANSPORT STORAGE LOCK	1
23	89885GT	SWING DRIVE ASSEMBLY includes items 24-26	1
23-	75678GT	SEAL KIT,REDUCER DRIVE TURNTAB	
23-	75681GT	BEARING KIT DRIVE TURN AND HUB	2
23-	75677GT	SHAFT,OUTPUT,PINION,TURNTABLE	
24	75686GT	BRAKE ASSEMBLY,TURNTABLE ROT**	1
24-	75682GT	DISC KIT DRIVE TURNTABLE Z-60*	
24-	75683GT	SPRING,DRIVE TURNTABLE***	12
24-	62466GT	SEAL KIT,BRAKE,TURNTABLE ROT**	
25	75684GT	MOTOR,TURNTABLE ROTATION***	1
25-	75685GT	SEAL KIT,MOTOR TURNTABLE***	
25-	22811GT	O-RING,MOTOR TO BRAKE***	
26	89800GT	MANIFOLD,TURNTABLE ROTATION***	1

304.1 Turntable Rotation and Hydraulic Rotary Coupler Installation



Item	*Part No.*	*Description*	*Qty.*
26-	75119GT	SEAL KIT,CB VALVE MANIFOLD*** ..... for 89800	

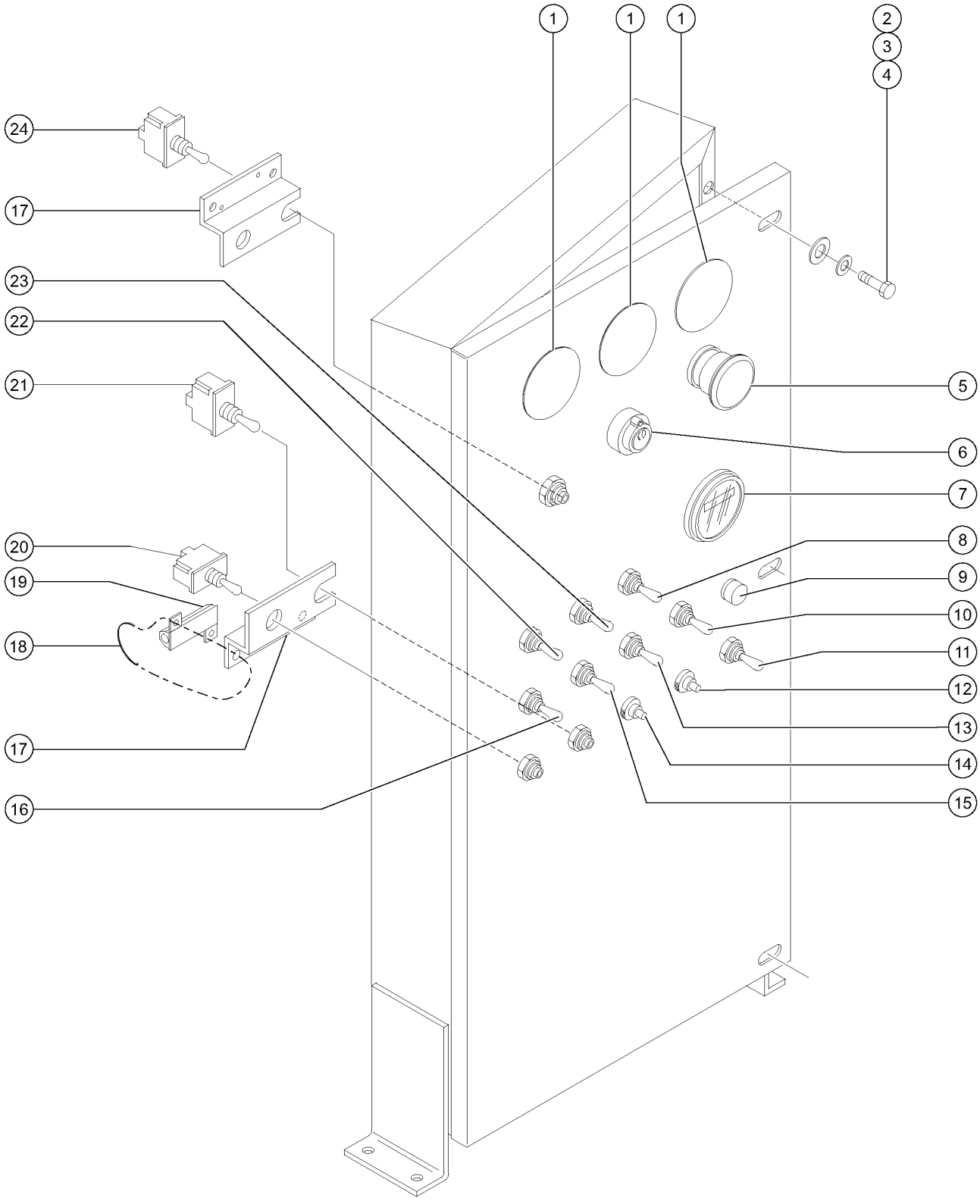
305.1 Ground Controls - View 1 (to SN 4333)



305.1 Ground Controls - View 1 (to SN 4333)

Item	Part No.	Description	Qty.
	30740PGT	CONTROL BOX, GROUND,PAINTED parts listed below are not included	
	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
1	81900GT	PLUG,NYLON 2.093 BLACK DOMED	3
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6356GT	WASHER, LOCK, .25	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
5-	66817GT	E-STOP W/ NC CONTACT includes N.C. contacts	
5-	66818GT	CONTACT,NC	
5-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
6	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** includes keyswitch and two keys, not included: base and contacts.	1
6-	21982GT	KEY,SINGLE***	
6-	37947GT	KEYS,10 PACK***	
6-	66814GT	BASE,WITH 2 N.O. CONTACTS*** includes N.O. contacts	
6-	66816GT	CONTACT,N.O.***	
7	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
8	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
9	824879GT	LIGHT,LED IND. RED 12V NH Ford models (Complete LED light assembly)	1
9-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Deutz models	
9-	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Deutz models	
10	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
11	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
12	147094GT	ASSY, CIRCUIT BREAKER 15A	1
13	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT Ford models	1
13-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Deutz models	
14	147094GT	ASSY, CIRCUIT BREAKER 15A	1
15	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1

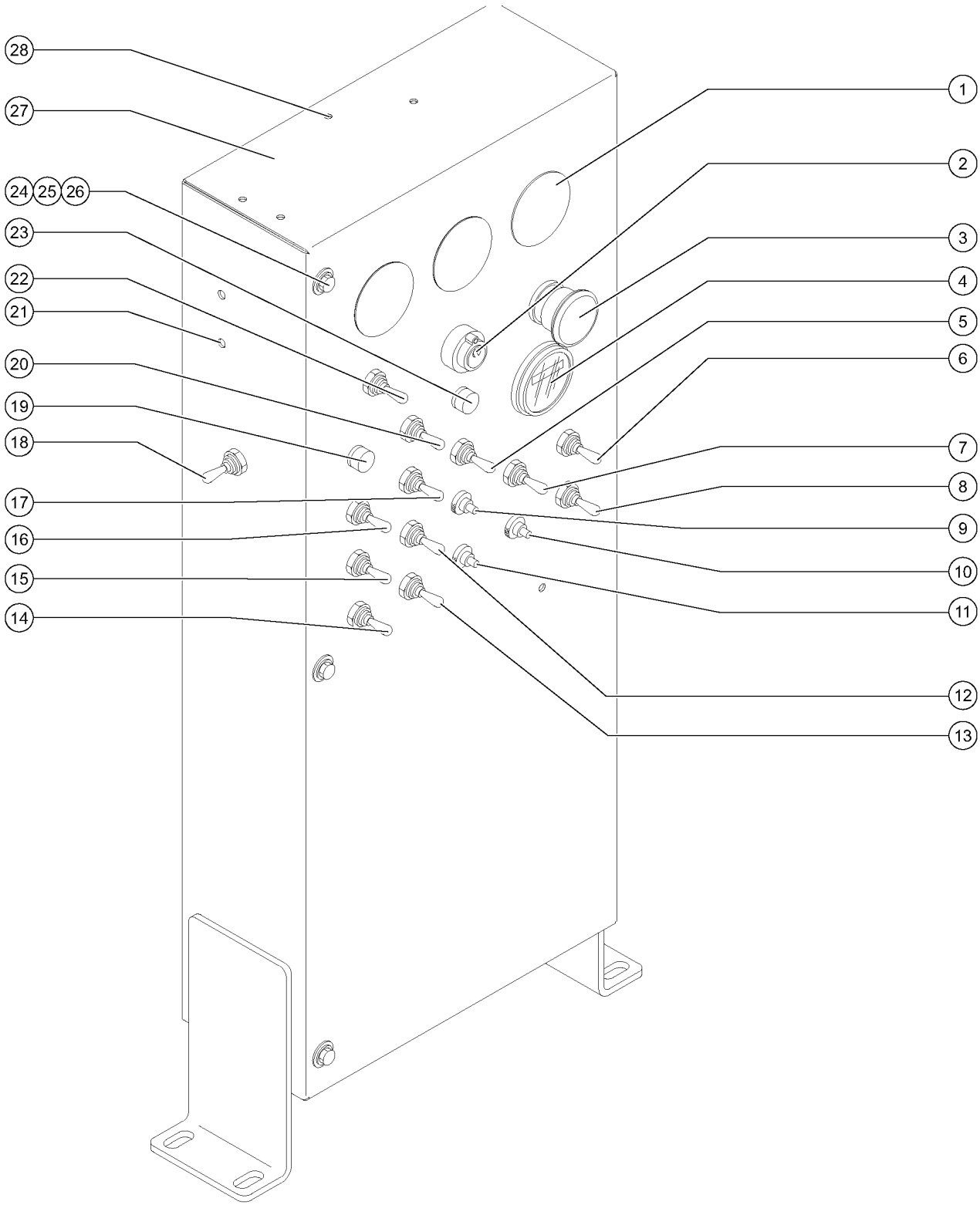
305.1 Ground Controls - View 1 (to SN 4333)



305.1 Ground Controls - View 1 (to SN 4333)

Item	Part No.	Description	Qty.
16	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
17	53820GT	BRACKET, PANEL WIRE MOUNTING	2
18	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	2
19	27287GT	RESISTOR,10 OHM,25 WATT	1
20	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
21	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
22	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
23	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
24	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	1

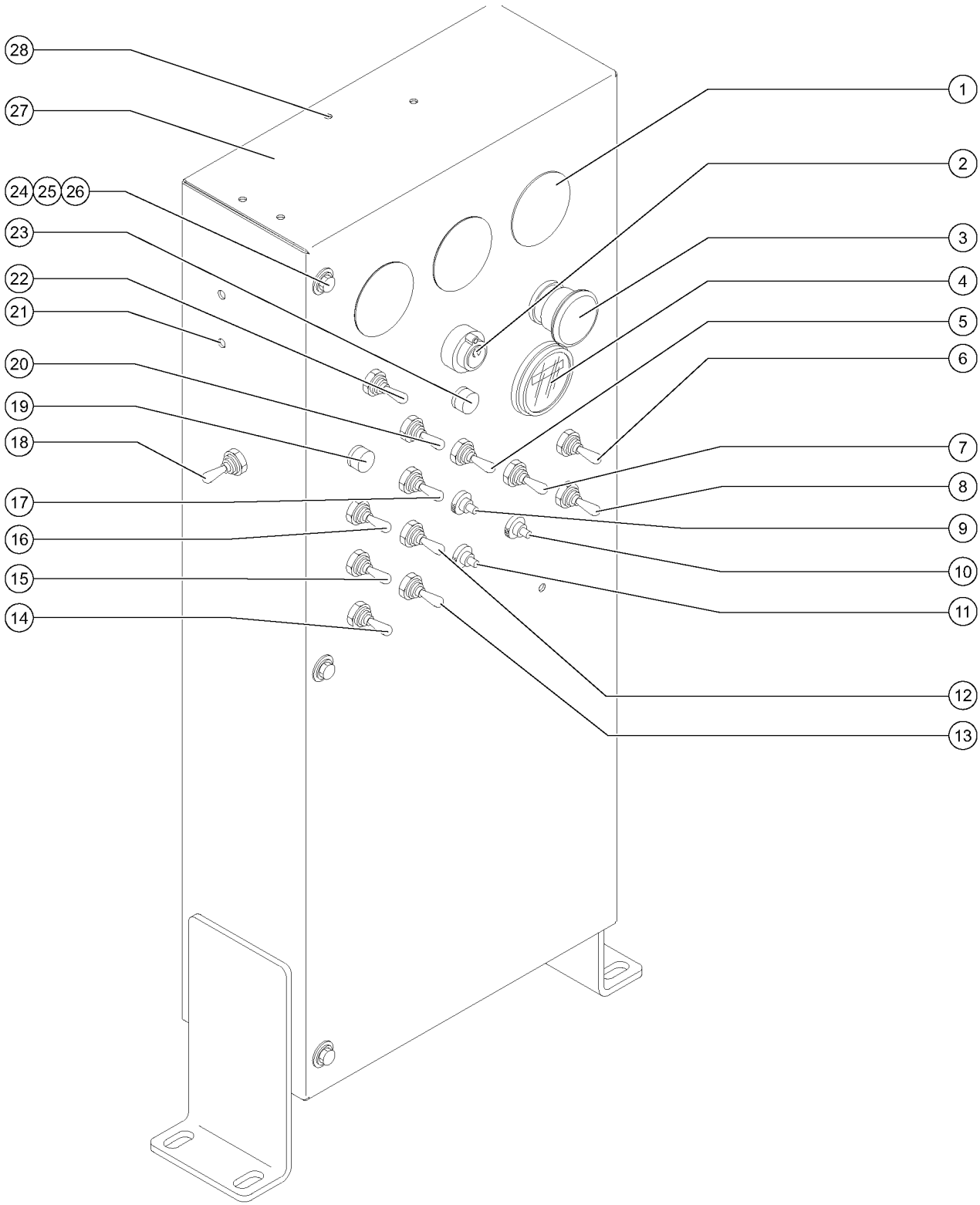
305.2 Ground Controls - View 1 (from SN 4334)



305.2 Ground Controls - View 1 (from SN 4334)

Item	Part No.	Description	Qty.
		Ref. Platform Overload Module (refer to 804.1)	
	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
	106637GT	MODULE,TIME DELAY ON BREAK 4S welder option	
1	81900GT	PLUG,NYLON 2.093 BLACK DOMED	3
2	96008-SGT	KEYSWITCH,3 POS. W/KEYS*** includes 1 pair of keys; from SN 4334	1
2-	83093GT	KEY SINGLE***	
2-	37947GT	KEYS,10 PACK***	
3	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
3-	73805GT	BASE,W/2 NC CONTACTS*** includes N.C. contacts; from SN 4334	
3-	66818GT	CONTACT,NC	
3-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
4	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket; from SN 4334	1
5	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM diesel models; from SN 4334	1
6-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Ford models; from SN 4334	
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
8	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
9	147095GT	ASSY, CIRCUIT BREAKER 20A	1
10	147094GT	ASSY, CIRCUIT BREAKER 15A	1
11	147094GT	ASSY, CIRCUIT BREAKER 15A	1
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
13	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
14	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
15	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
16	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
17	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
18	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM Ford models	1

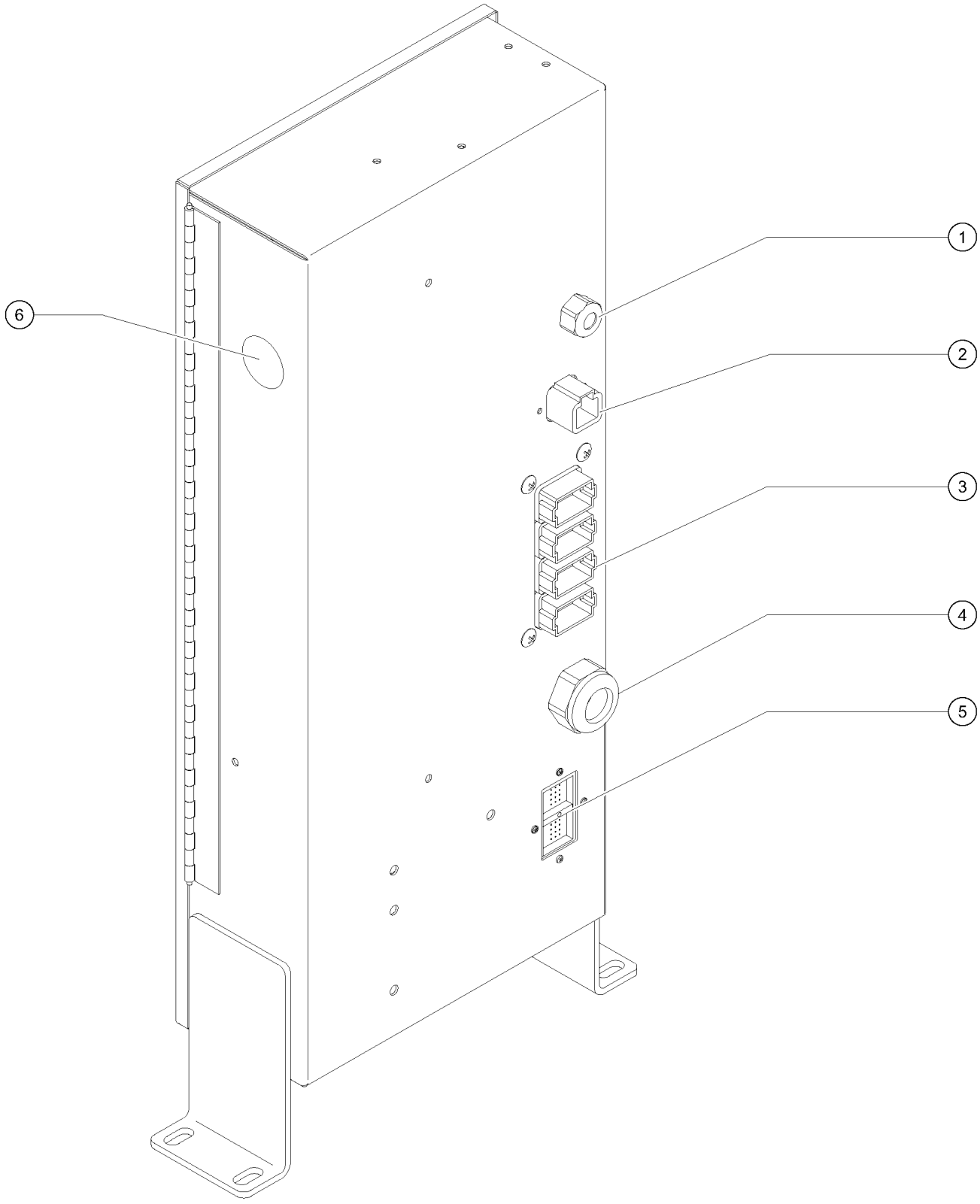
305.2 Ground Controls - View 1 (from SN 4334)



305.2 Ground Controls - View 1 (from SN 4334)

Item	Part No.	Description	Qty.
19	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	1
19-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
20	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Ford models	1
21	42781GT	PLUG, NYLON .250 BLACK DOMED	2
22	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	1
23	824882GT	LT.LAMP IND. AMBER 12V ENG.NH Ford models	1
23-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME diesel models	
24	6090GT	SCREW, HHC, 1/4-20 X .75	
25	6356GT	WASHER, LOCK, .25	
26	6638GT	WASHER, FLAT, USS, 1/4"Y	
27	89739GT	CONTROL BOX W/LID& DECAL GRND to SN 4336	1
27-		CONTROL BOX W/LID & DECAL,GRND from SN 4337 to SN 4495 (no longer available)	
27-	102154GT	CONTROL BOX W/LID & DECAL GRND from SN 4496	
27-	121599GT	GASKET,GBOX,S80/85 2008	
27-	30997GT	CORROSION INHIBITOR,FOAM	
28	42288GT	PLUG,NYLON .188 BLACK DOMED	4

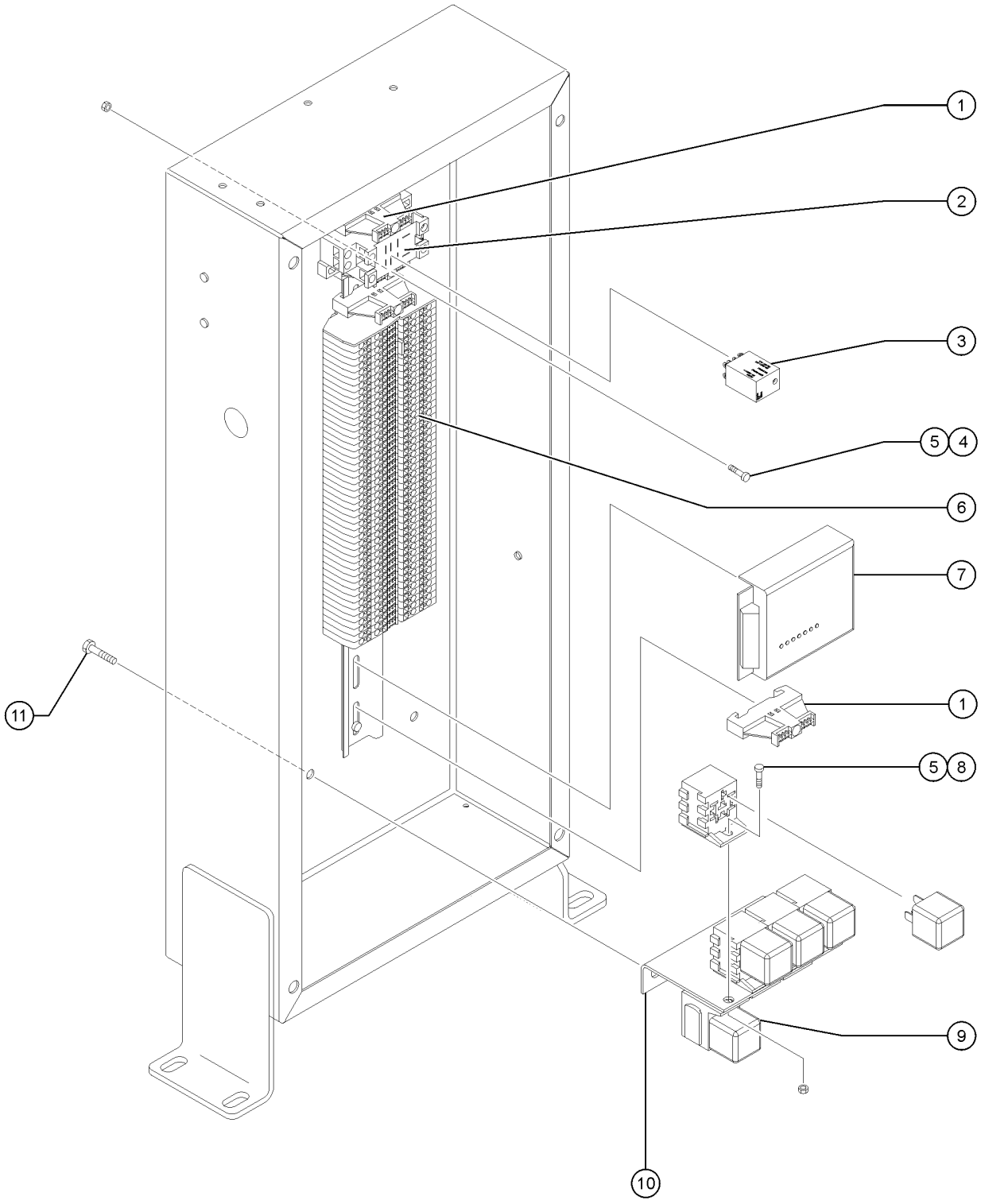
306.1 Ground Controls - View 2 (from SN 4334)



306.1 Ground Controls - View 2 (from SN 4334)

Item	*Part No.*	*Description*	*Qty.*
	53967GT	SOLENOID,12V CONTINOUS	
1	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
1	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
2	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
3	73736GT	CONN,RECEP 48 WAY,4 X 12	1
4	20776GT	CABLE SQUEEZE CONN	1
5	73753GT	CONN,RECEP 24 WAY,W/FLANGE	1
6	15243GT	PLUG,NYLON .875 BLACK DOMED	1

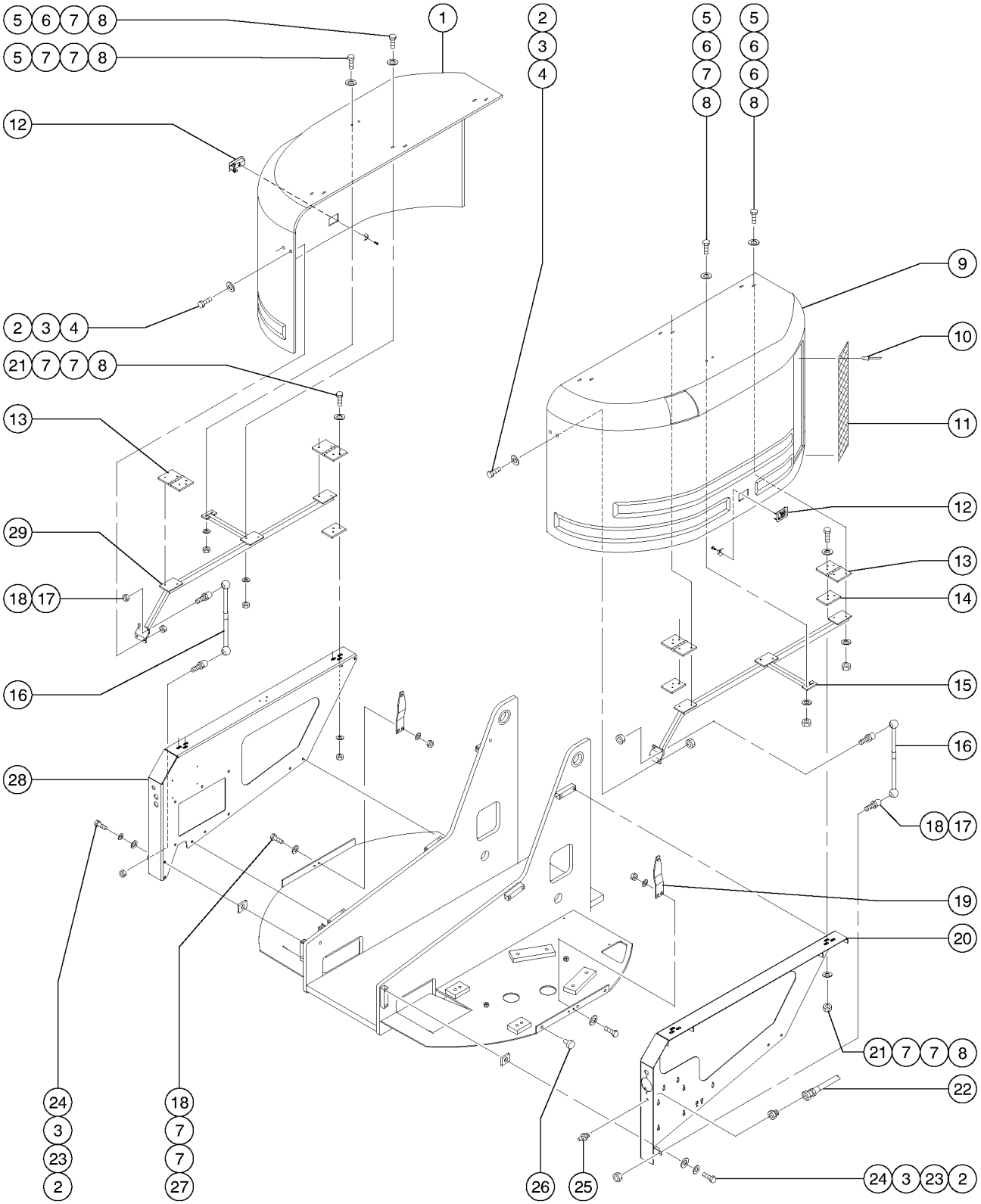
307.1 Ground Controls - View 3



307.1 Ground Controls - View 3

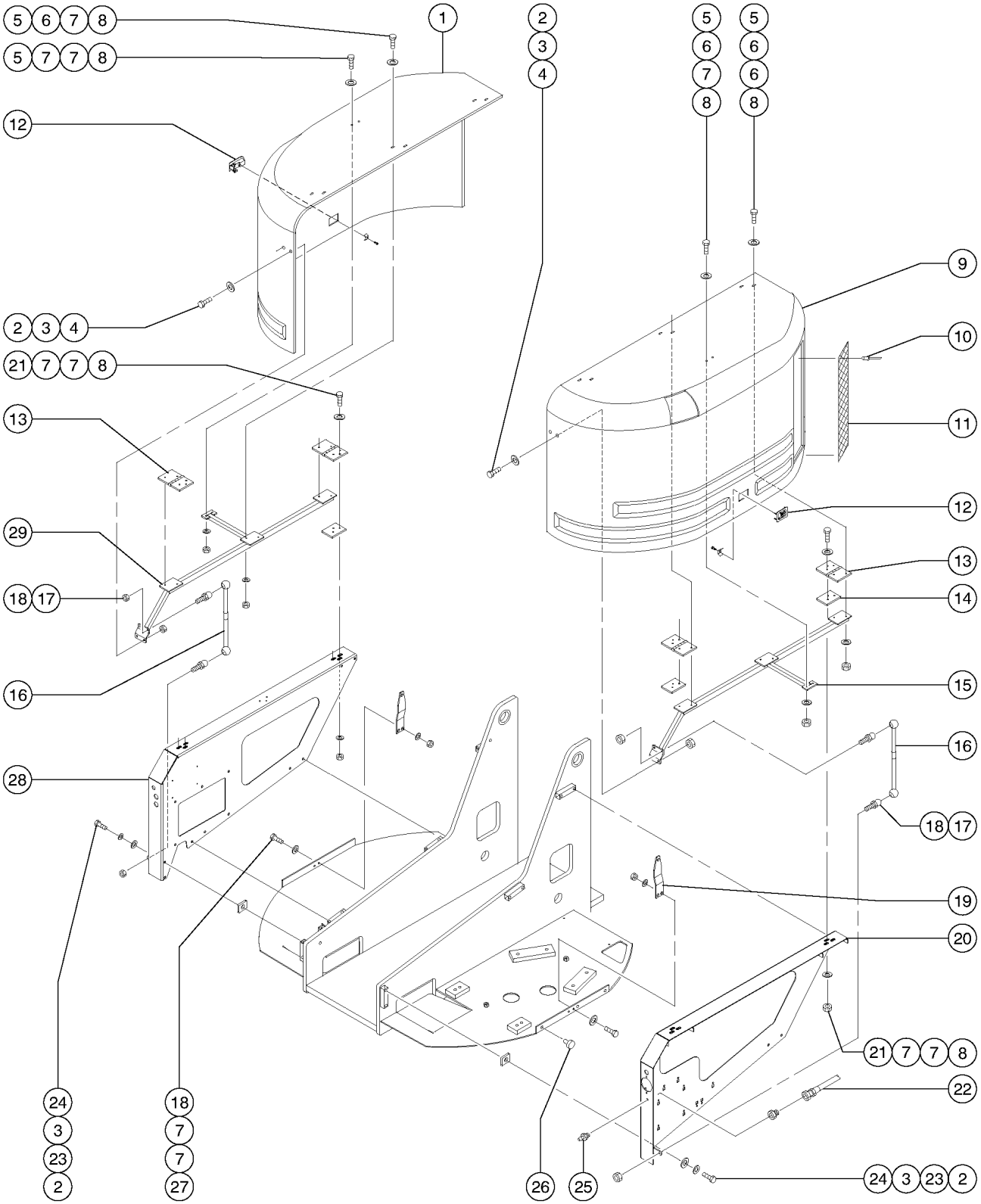
Item	Part No.	Description	Qty.
A-	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	
B-	33784GT	CLAMP,1.31,#21 X 1/4,RUB CUSH	
1	74913GT	END STOP, DIN RAIL,SCREW CLAMP	2
2	33608GT	RELAY,SOCKET,OMRON (welder option)	
3	33607GT	RELAY,OMRON,DPDT,12V (welder option)	
4	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
5	6178GT	NUT, NYLOCK, 10-32	
6	217441GT	TERMINAL RAIL ASSEMBLY,GBOX previous assembly 89172 is no longer available. Order this assembly in its place (includes item 1)	1
6-	216791GT	TERMINAL BLOCK,WIELAND	
6-	33422GT	DIN RAIL,17"	
6-	216793GT	TERMINAL BLOCK END PLATE	
6-	74920GT	MARKING TAGS,# 1-10,WIELAND	
6-	74921GT	MARKING TAGS,# 11-20,WIELAND	
6-	74922GT	MARKING TAGS,# 21-30,WIELAND	
6-	74923GT	MARKING TAGS,# 31-40,WIELAND	
6-	74924GT	MARKING TAGS,# 41-50,WIELAND**	
7	56057GT	MODULE,IGNITION/START,12/24V Diesel models	1
8	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
9	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Ford models	5
9-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Diesel models	6
9-	34053GT	ASSY,RELAY SOCKET, AUTO	
9-	34054GT	TERM,RELAY N-INSULATED 10-12 G	
9-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	
9-	34056GT	TERM,RELAY,N-INSULATE 18-20 GA	
10	54534GT	ANGLE,RELAY MNT,W/NUTSERTS,PNT	1
10-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
11	6090GT	SCREW, HHC, 1/4-20 X .75	

308.1 Turntable Covers



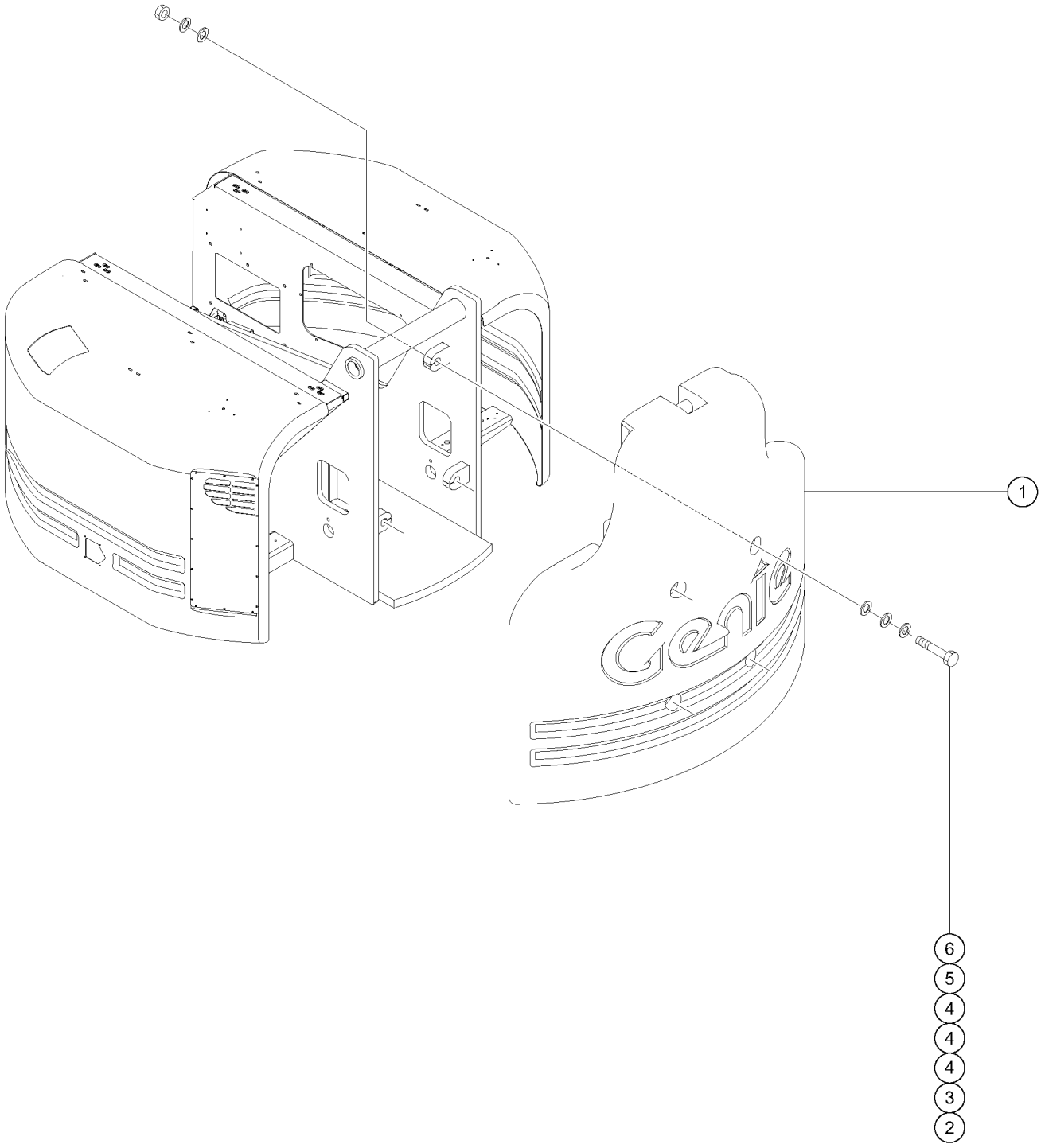
Item	Part No.	Description	Qty.
1	102519GT	TURNTABLE COVER ASSY W/DECALS includes item 12	1
1-	102520GT	TURNTABLE COVER ASSY W/DECALS includes item 12	
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	6091GT	NUT,NYLOCK,1/4-20	
9	58139GT	COVER ASSY, RH, ENGINE, Ford and Perkins models; includes items 10-12	1
9-	102151GT	TURNTABLE COVER ASSY,W/DECALS Deutz models; includes items 10-12	
9-	102522GT	TURNTABLE COVER ASSY W/SYMBOLS Ford and Perkins models; includes items 10-12	
9-	102523GT	TURNTABLE COVER ASSY W/SYMBOLS Deutz models; includes items 10-12	
10	53189GT	RIVET,ALUM,ALUM,P,.25X.375	23
11	89904PGT	PLATE,AIR INTAKE PAINT Deutz models	1
11-	49618-SGT	AIR INTAKE FRAME.GRAY Ford and Perkins models	
12	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS* includes mounting fasteners	2
12-	29314GT	KEY,LATCH, 1 PAIR (28125)	
13	75073GT	HINGE,.375X.120THK.,SLOTTED	4
14	53707GT	HINGE SPACER	4
15	53523-SGT	COVER REINFORCEMENT, R.H.	1
16	30391GT	GAS STRUT,200 LBS.FORCE	2
16-	27377GT	RETAINER,GAS SPRING***	
17	33555GT	BALL STUD**	4
18	6002GT	NUT, LP NYLOCK, 5/16-18	
19	49535PGT	PLATE,LATCH,BLUE,PAINTED ***	2
20	89625GT	WELDMENT,BULKHEAD,RT SIDE	1
21	6145GT	SCREW, HHC, 1/4-20 X 1.5	

308.1 Turntable Covers



Item	Part No.	Description	Qty.
22		Ref. Bearing Lubrication Hose Assembly (refer to 304.1)	
23	6021GT	WASHER, LOCK, .375	
24	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
25	28646GT	ZERK,GREASE,1/8 NPT	1
25	30430GT	BULKHEAD,FEMALE X 4	
26	34619GT	BUMPER,RUBBER***	6
27	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
28	89629GT	WELDMENT,BULKHEAD,LEFT SIDE	1
29	53524-SGT	COVER REINFORCEMENT, L.H.	1

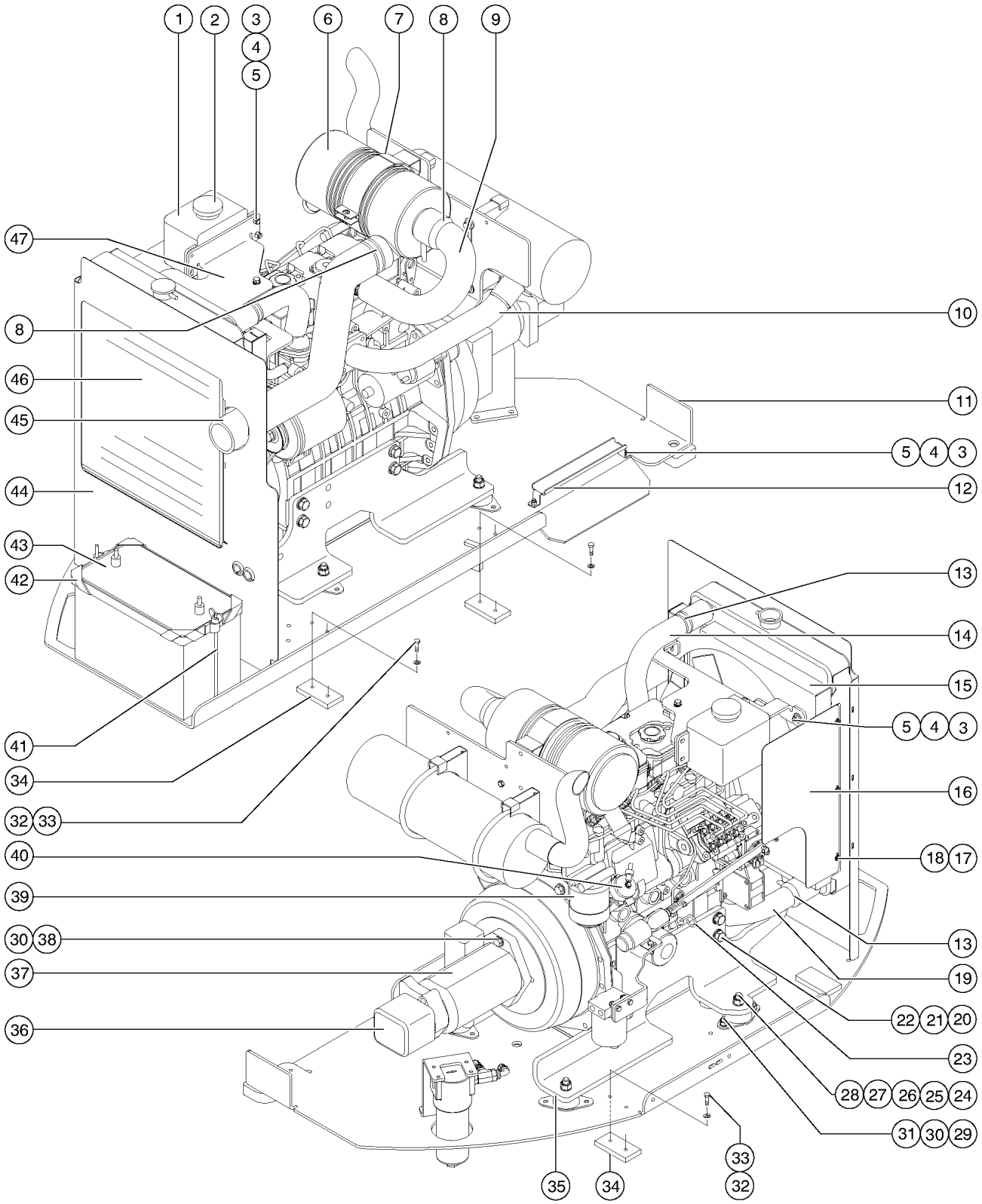
309.1 Turntable Counterweight



309.1 Turntable Counterweight

Item	*Part No.*	*Description*	*Qty.*
1	111371GT	Z60 CW ASSY W/WORD DECALS	1
1-	111372GT	Z60 CW ASSY W/SYMBOL DECALS	
2	228842GT	SCREW,HHC,1-8 X 16, GRD 2	
3	13775GT	WASHER,FLAT,1.063 X 2 X .134	
4	38859GT	WASHER,FLAT,USS,1",Y	
5	29605GT	WASHER,LOCK,1"	
6	33265GT	NUT,HEX,1-8	

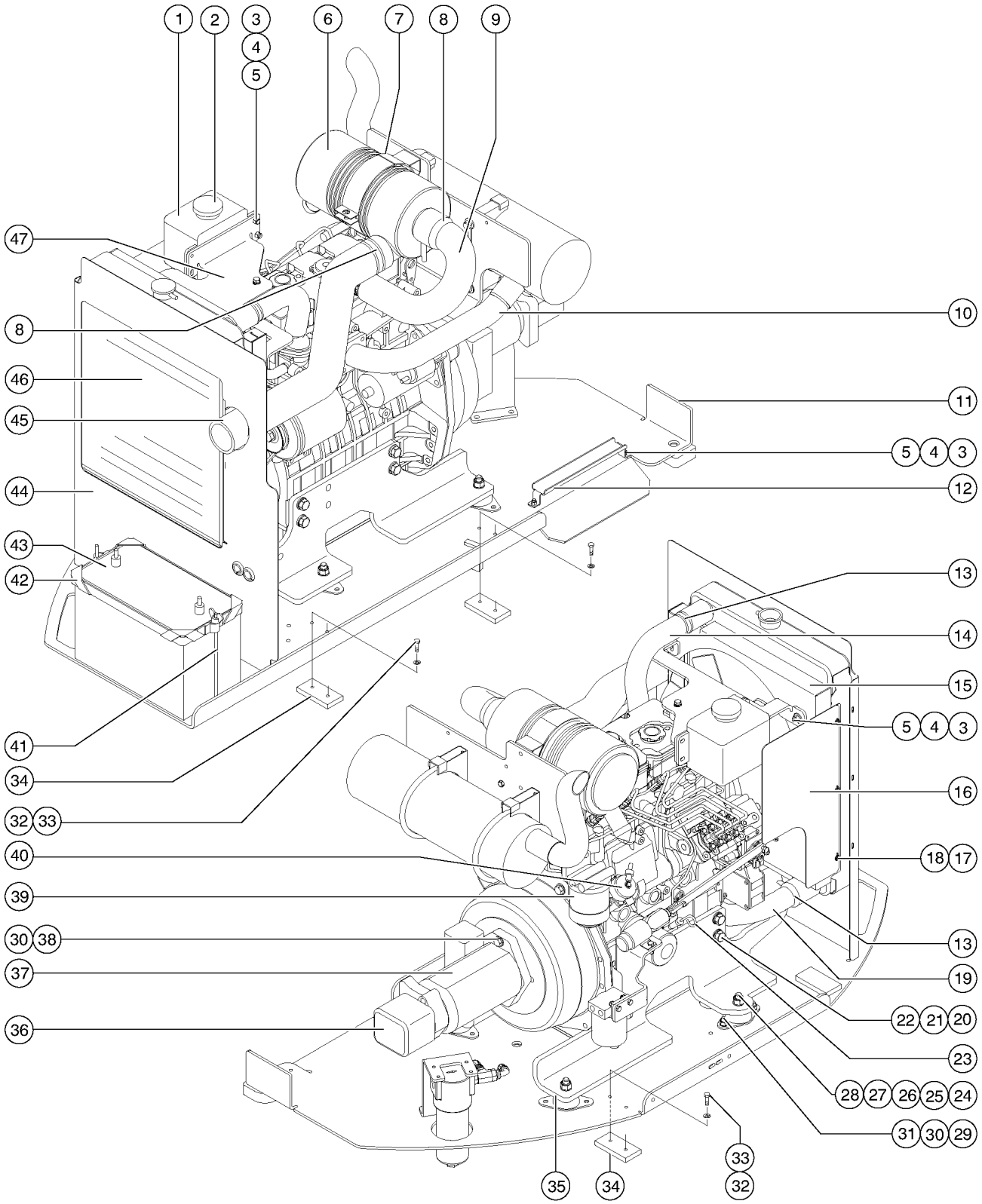
401.1 Perkins 404-22 Engine - View 1



401.1 Perkins 404-22 Engine - View 1

Item	Part No.	Description	Qty.
-	160551GT	KIT, 500 HR, PERKINS 404 every 500 hr service kit	
	89942GT	HARNESS,ENGINE,PERKINS,404-22	
	70356GT	OPT,SCRUBBER MUFFLER,PERKINS	
	72337GT	SWITCH,OIL PRESS-PERKINS(54555	
	72339GT	SWITCH,WATER TEMP-PERKINS54555	
1	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
1-	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	
2	72327GT	CAP, COOLANT RET SYS(54071)	1
3	6888GT	SCREW, HHC, 1/4-20 X 1	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6091GT	NUT,NYLOCK,1/4-20	
6	63463GT	AIR CLEANER,NELSON*** plastic housing	1
6-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
6-	62420GT	FILTER, AIR D2.9L4	
6-	65810GT	BAFFLE, AIR CLEANER (27915)**	
6-	52866GT	EVACUATOR VALVE-AIR CLEANER	
6-	6782GT	NUT, NYLOCK, 5/16-18	
6-	5397GT	WASHER, FLAT, USS, 5/16-18	
6-	6888GT	SCREW, HHC, 1/4-20 X 1	
6-	52866GT	EVACUATOR VALVE-AIR CLEANER	
7	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
8	45435GT	CLAMP,HOSE,2.50"	2
9	88847GT	HOSE,AIR CLEANER TO INTAKE	1
10	111390GT	WELDMENT,EXHAUST PIPE	1
10-	94888GT	EXHAUST MANIFOLD	
10-	1314265GT	GASKET, EXHAUST MNFLD, PERKINS 404D-22 (94888)	
10-	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	
10-	72344GT	BOLT,EXHAUST,PERKINS(54555)**	

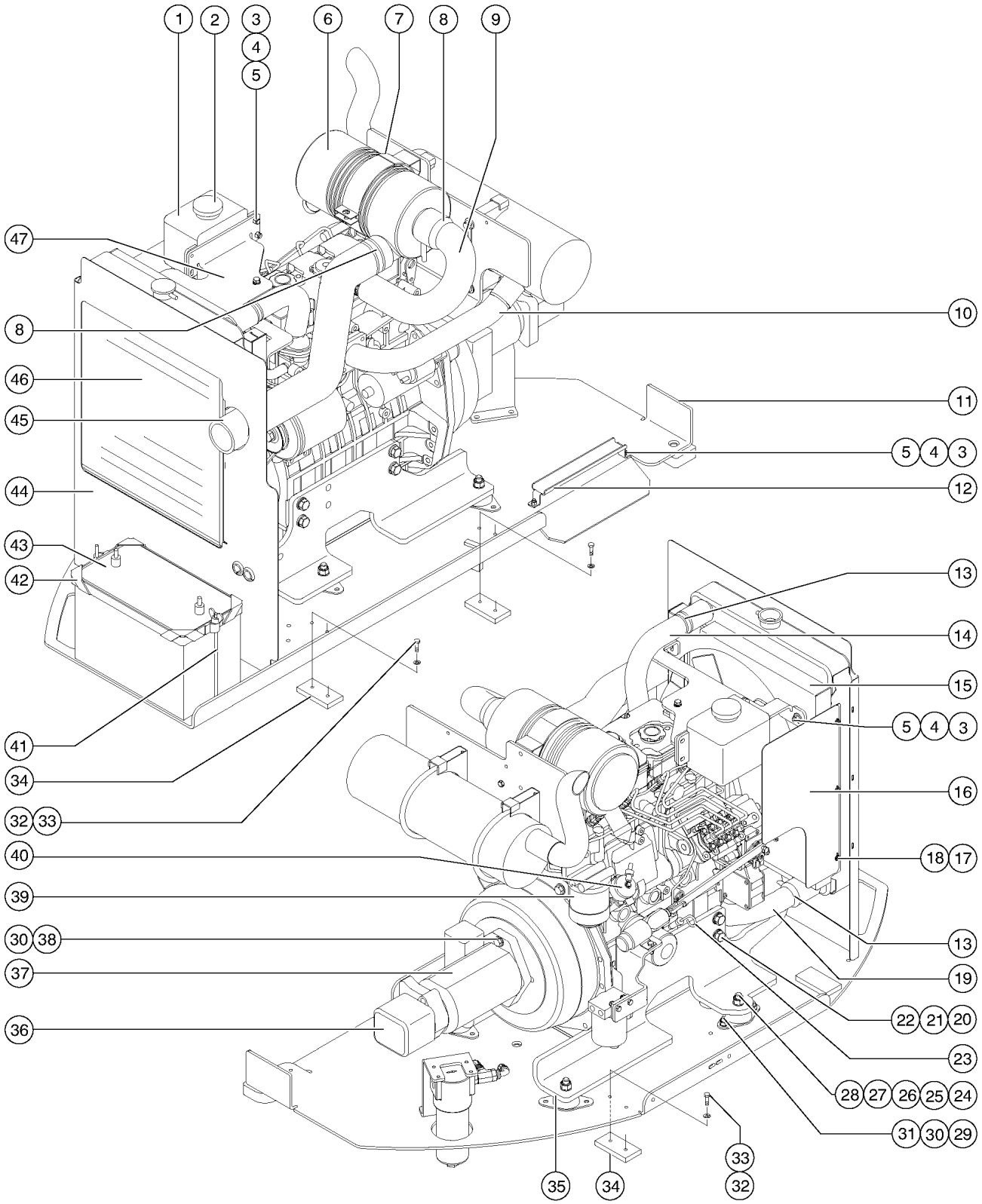
401.1 Perkins 404-22 Engine - View 1



401.1 Perkins 404-22 Engine - View 1

Item	Part No.	Description	Qty.
10-	62845GT	NUT-FLANGE, 8MM (62849)	
11		Ref. Engine Tray (refer to 412.1)	
12	89672PGT	FORMING,HYD. HOSE RESTRAINT	1
12-	122377GT	FAN GUARD W/WORD DECAL PERK T2	
13	13014GT	CLAMP,HOSE,2.25" DIA.	2
14	54578GT	HOSE,UPPER RADIATOR,PERKINS	1
15	88990PGT	SHROUD,FAN PAINTED	1
16	54487PGT	GUARD,FAN,FORD/PERKINS,PAINTED	1
16-	122377GT	FAN GUARD W/WORD DECAL PERK T2	
17	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
18	6146GT	WASHER,FLAT,MS,#10,Y	
19	54579GT	HOSE,LOWER,RADIATOR,PERKINS	1
20	54687GT	SCREW,HHC,M14 X 1.5X40MM,GR8.8	
21	37505GT	WASHER,LOCK,M14	
22	49411GT	WASHER,FLAT,M14	
23	89759GT	DIPSTICK, OIL (PERKINS 404)	1
24	6198GT	NUT, NYLOCK, 1/2-13	
25	39479GT	SCREW,HHC,1/2-13 X 2.75	
26	70452GT	ISOLATOR,ENGINE VIBRATION	4
27	6095GT	WASHER,FLAT,USS,1/2",Y	
28	102066PGT	CASTING,WASHER,REBOUND,PAINTED	
29	4828GT	NUT, NYLOCK, 3/8-16	
30	6175GT	SCREW,HHC,3/8-16 X 1	
31	5397GT	WASHER, FLAT, USS, 5/16-18	
32	6090GT	SCREW, HHC, 1/4-20 X .75	
33	6356GT	WASHER, LOCK, .25	
34	45209GT	WEAR PAD,4X2X.5 W/INSERT***	4
35	102749GT	FORMING,ENGINE MOUNT,RH,PERK	1

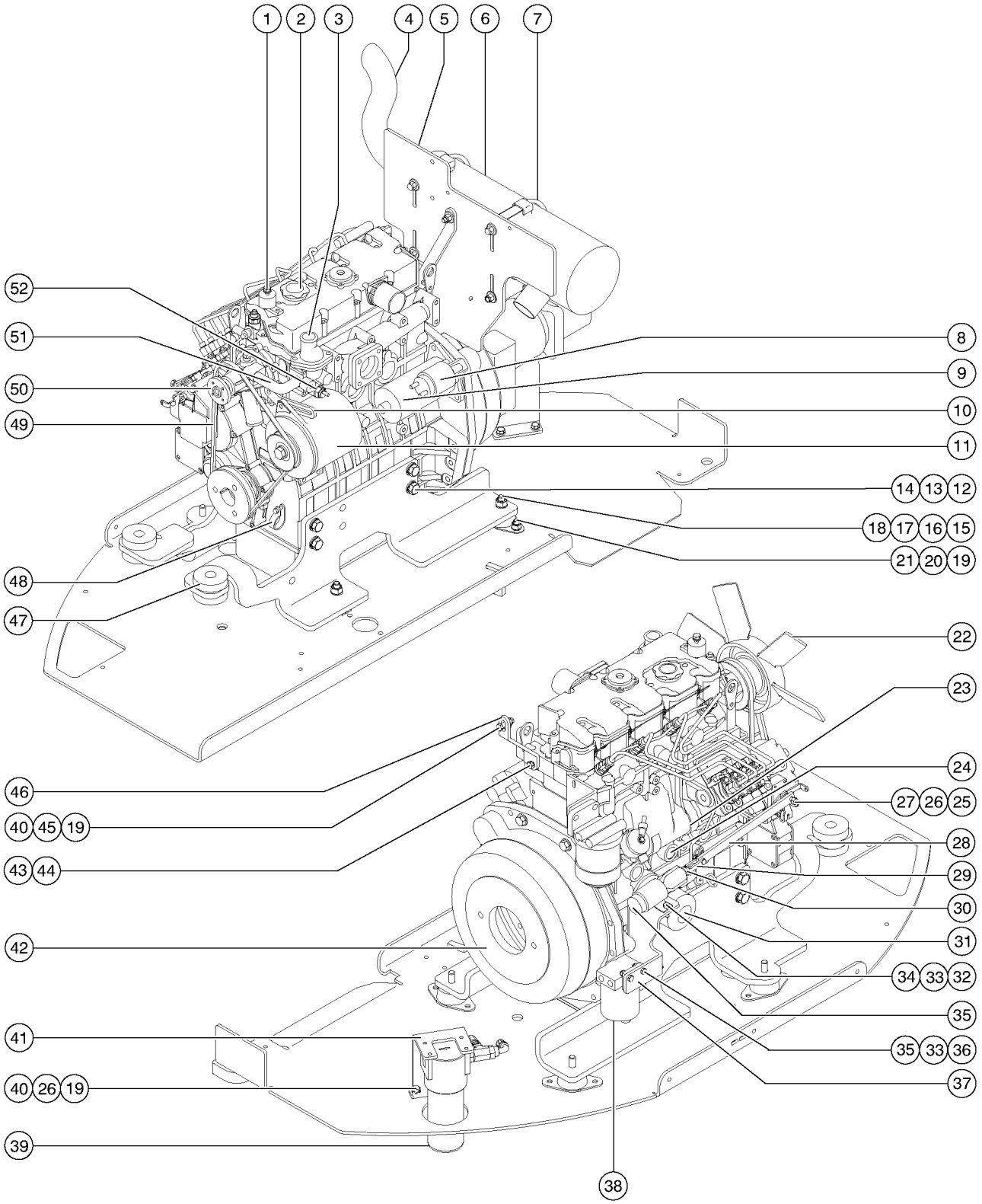
401.1 Perkins 404-22 Engine - View 1



401.1 Perkins 404-22 Engine - View 1

Item	Part No.	Description	Qty.
35-	102748GT	FORMING,ENGINE MOUNT,LH,PERK	
36		Ref. Function Pump (refer to 708.1)	
37		Ref. Drive Pump (refer to 708.1)	
38	6021GT	WASHER, LOCK, .375	
39	1262484GT	FUEL FILTER ASSY,PERKINS 404D/	1
39-	62421GT	FILTER,FUEL,PERKINS	
40	72348GT	PUMP,LIFT(FUEL) PERKINS(54555)	1
40	77990GT	KIT,SEAL,3CC PUMP***	
41	30784-975GT	THREADED ROD,(1/4-20),9.75	2
41-	8170GT	NUT,WING,1/4-20	
42	30144GT	BATTERY HOLD DOWN,GROUP 31	1
43	1303581GT	BATTERY, 12V, 950CCA, FLA	1
43-	89651GT	BATTERY CABLE,2/0,POS.RED,45"	
43-	122058GT	BATTERY CABLE,1/0 GA,BLK 30"	
43-	49869GT	CORROSION INHIBITOR COATING	
44	102112PGT	FORMING,ENGINE BAFFLE,PERKINS	1
45	88846GT	HOSE,AIR INLET	1
46	110304GT	RADIATOR,FORD/PERKINS***	1
46-	65473GT	CAP,RADIATOR,PERKINS/FORD	
47	88989PGT	FORMING,UPPER RAD SUPPORT PNTD	1

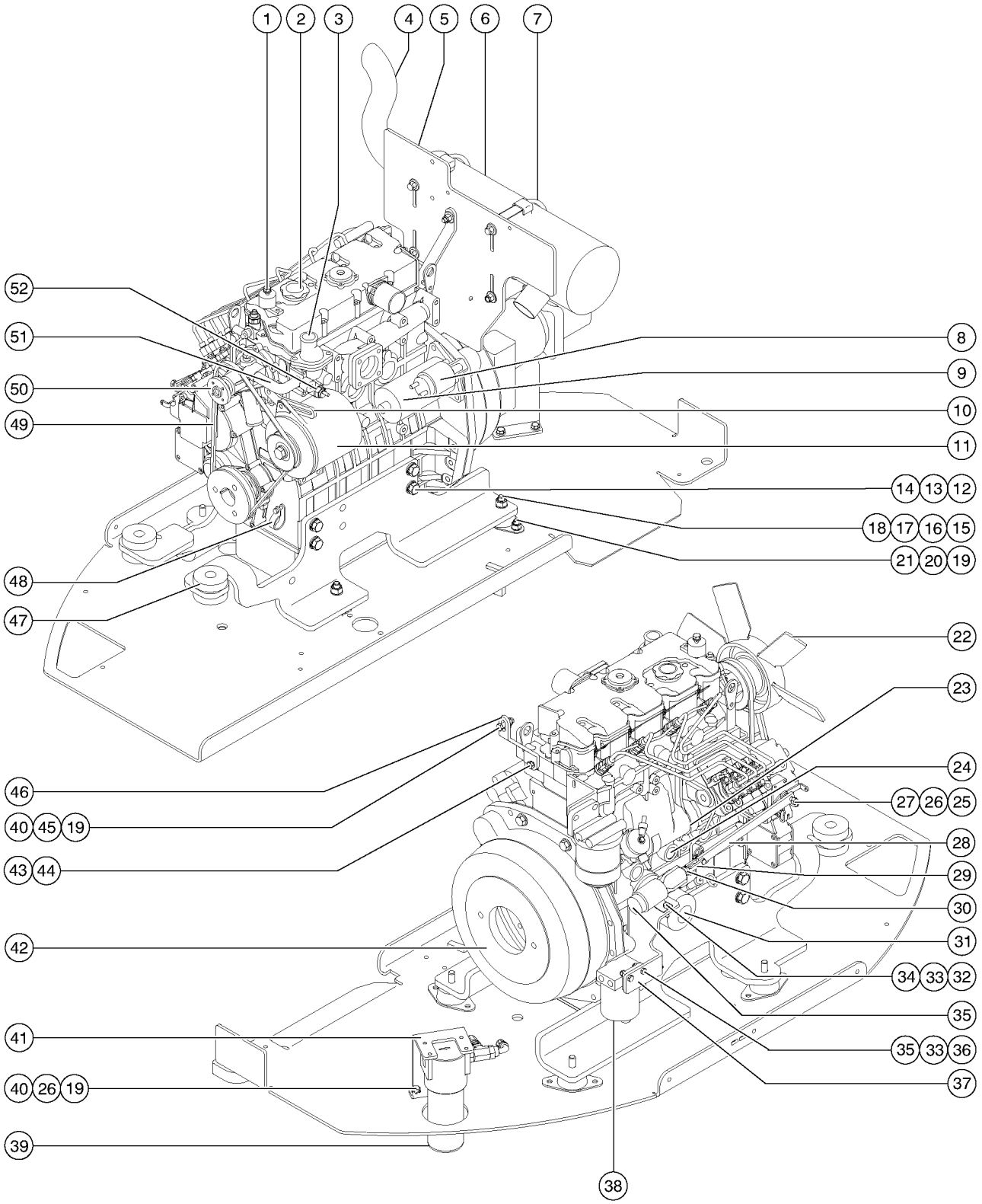
402.1 Perkins 404-22 Engine - View 2



402.1 Perkins 404-22 Engine - View 2

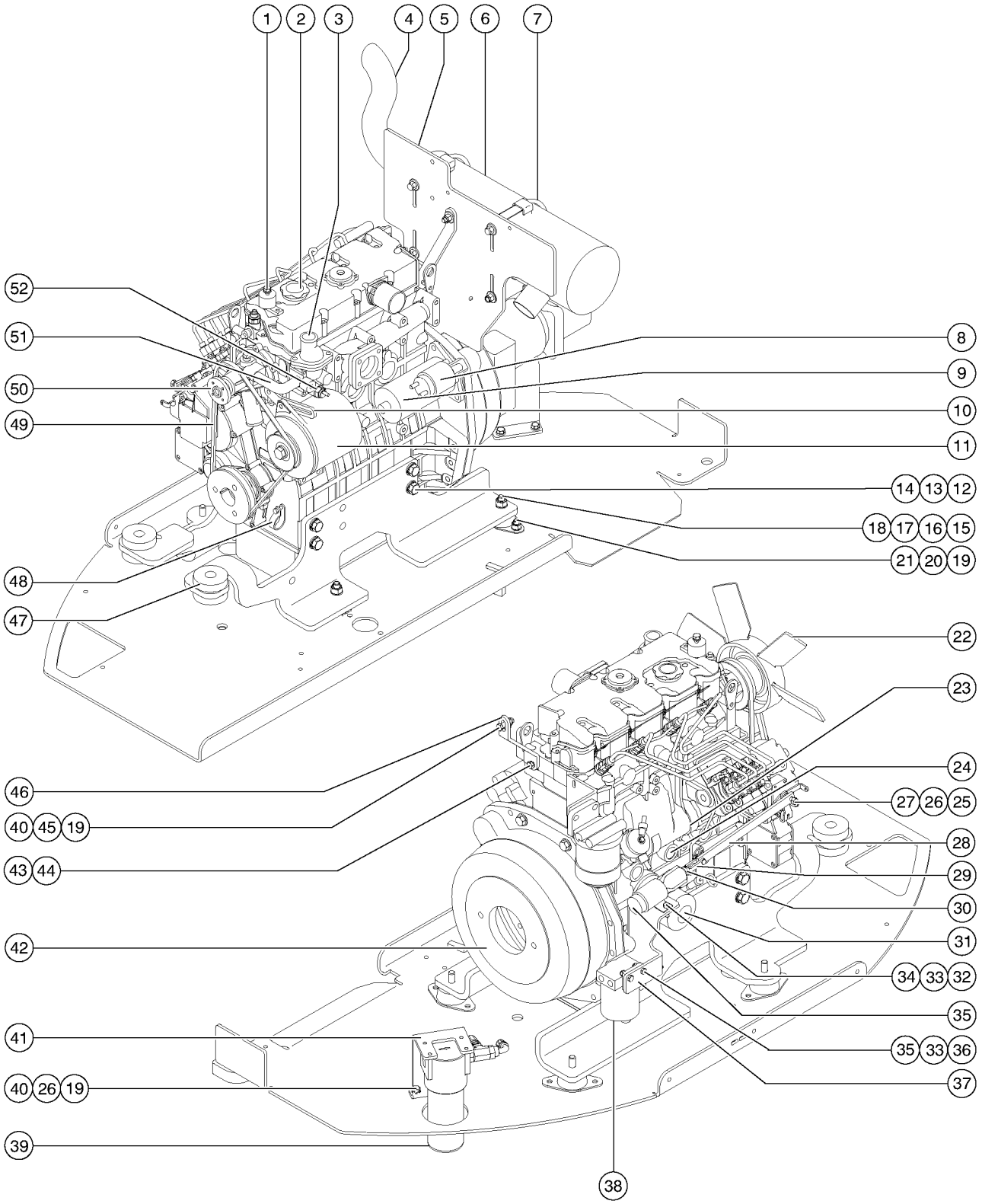
Item	Part No.	Description	Qty.
1	60585GT	ISOLATOR,VIBRATION,M8 MALE/FEM	1
2	65636GT	CAP, OIL FILLER	1
3	77476GT	HOUSING,THERMOSTAT,PERKINS 104	1
4	89901GT	TAILPIPE,EXHAUST	1
5	88991PGT	FORMING,MUFFLER MOUNT PAINTED	1
6	88841GT	MUFFLER,6"	1
6-	111418GT	SCRUBBER,SPARK ARRESTER,PERKIN	
6-	70385GT	CLAMP,EXHAUST,2.00 PLATED	
7	88993GT	CLAMP,MUFFLER	2
8		SOLENOID,STARTER, (72335) no longer available, must order part 228457 (comes with integrated solenoid)	1
8-	22571GT	NUT,HEX,M8 X 1.25	
9	1262585GT	STARTER MOTOR,PERKINS 404D	1
10	89762GT	LEVER, ALTERNATOR (PERKINS 404	1
11	72342GT	ALTERNATOR, PERKINS (54555)	1
12	54687GT	SCREW,HHC,M14 X 1.5X40MM,GR8.8	
13	37505GT	WASHER,LOCK,M14	
14	49411GT	WASHER,FLAT,M14	
15	6198GT	NUT, NYLOCK, 1/2-13	
16	39479GT	SCREW,HHC,1/2-13 X 2.75	
17	70251GT	ISOLATOR,ENGINE VIBRATION	4
18	102066PGT	CASTING,WASHER,REBOUND,PAINTED	4
19	4828GT	NUT, NYLOCK, 3/8-16	
20	6175GT	SCREW,HHC,3/8-16 X 1	
21	5397GT	WASHER, FLAT, USS, 5/16-18	
22	77483GT	FAN, ENGINE (104-22)(404-22)*	1
22-	1252943GT	SPACER,FAN,PERKINS 404F	
23	236426GT	SOLENOID KIT,SHUT DN,PERKINS	1
24	111027GT	SWITCH,OIL PRESS-PERKINS 404	1

402.1 Perkins 404-22 Engine - View 2



Item	Part No.	Description	Qty.
25	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
26	5397GT	WASHER, FLAT, USS, 5/16-18	
27	6002GT	NUT, LP NYLOCK, 5/16-18	
28	89953GT	FLATBAR,ALUM,THROTTLE LINKAGE	1
29	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
30	21496GT	NUT,HEX,1/4-28	
31	94762GT	OIL FILTER - PERKINS	1
32	6888GT	SCREW, HHC, 1/4-20 X 1	
33	6638GT	WASHER, FLAT, USS, 1/4"Y	
34	6091GT	NUT,NYLOCK,1/4-20	
35	77402GT	SOLENOID,THROTTLE ACTUATOR DSL	1
36	8915GT	SCREW, HHC, 1/4-20 X 1.25	
37	94378PGT	FORMING,SOLENOID MOUNT PAINTED	1
38	75020GT	SEPRTR/FLTR,FUEL DSL,15GPH,.30	1
38-	62433GT	FILTER,ELEMENT,30 MIC,75020	
39		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
39-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
39A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
39A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
40	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
41	102100PGT	FORMING,FILTER BRACKET,PAINTED	1
42	54573GT	PUMP MOUNT KIT,PERKINS DSL (includes housing)	1
42-	89771GT	HOUSING,PUMP MOUNT (54573) (sold with pump mount kit)	
42-	29749GT	COUPLER,SMALL METAL,15T,*** (sold seperately)	
42-	89772GT	FLEX PLATE (54573)*** (sold seperately)	
42-	89773GT	KIT, HARDWARE (54573)	
42-	128022GT	KIT,FBA STYLE COUPLER,PERKINS includes 15-tooth coupler (128003), fastener kit (1263209) and grease	
43	23057GT	SCREW,HHC,M8 X 20MM	

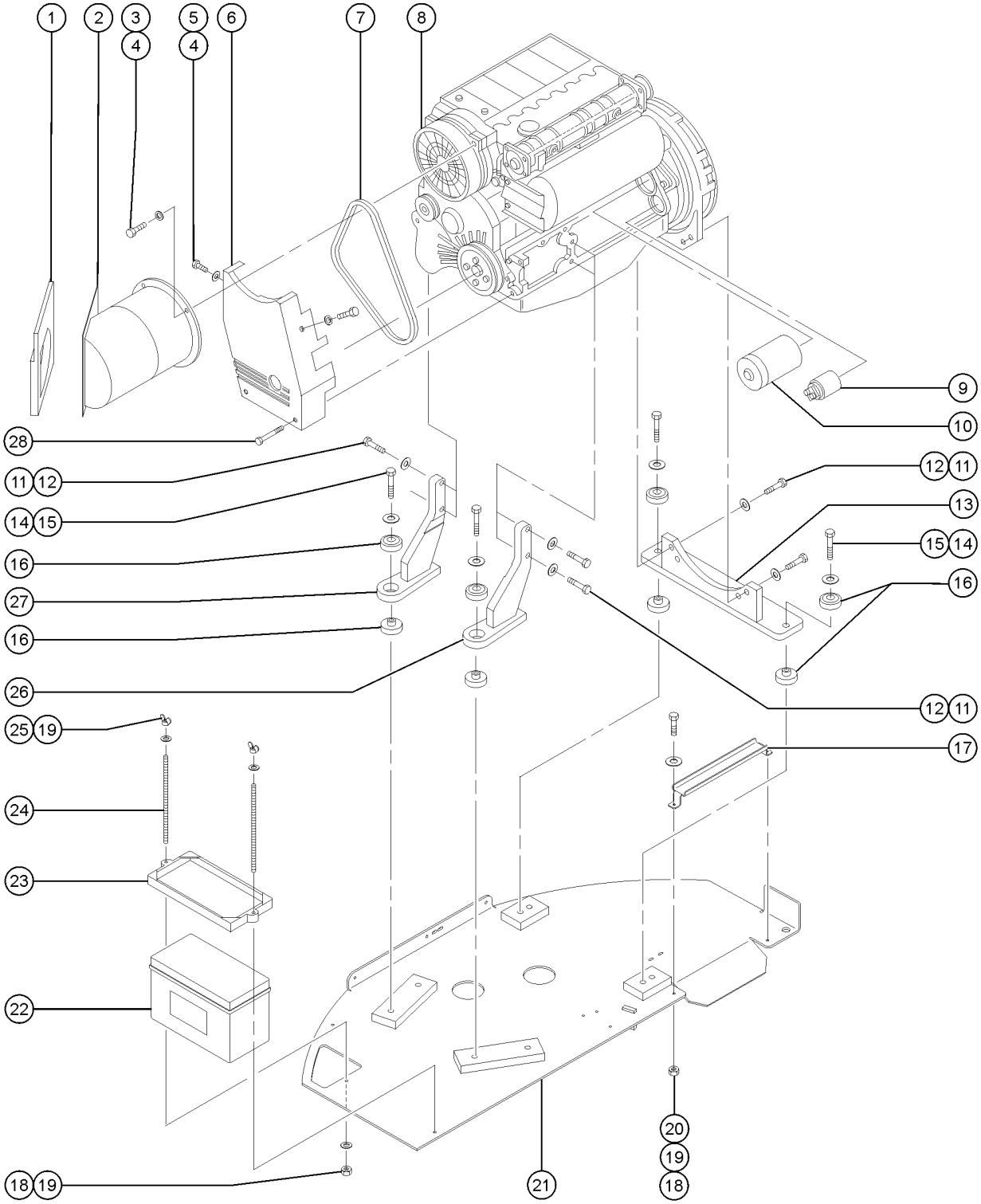
402.1 Perkins 404-22 Engine - View 2



402.1 Perkins 404-22 Engine - View 2

Item	Part No.	Description	Qty.
44	49408GT	WASHER, LOCK, M8	
45	6097GT	WASHER, FLAT, USS, 3/8", Y	
46	88992PGT	FORMING,MUFFLER SUPPORT PAINTE	1
47	24038GT	SHOCK MOUNT,SMALL	4
48	6653GT	CLAMP, 1.88, #30 X 1/4, RUB CUSH	1
49	89765GT	BELT, V (PERKINS 404)	1
50	89763GT	PUMP WATER (PERKINS 404)***	1
50-	77482GT	PULLEY, WATER PUMP	
50A	58354GT	GASKET,WATER PUMP for 89763	
51	89764GT	HOSE, WATER PUMP (PERKINS 404)	1
52	111028GT	SWITCH,WATER TEMP,PRKNS,404***	1

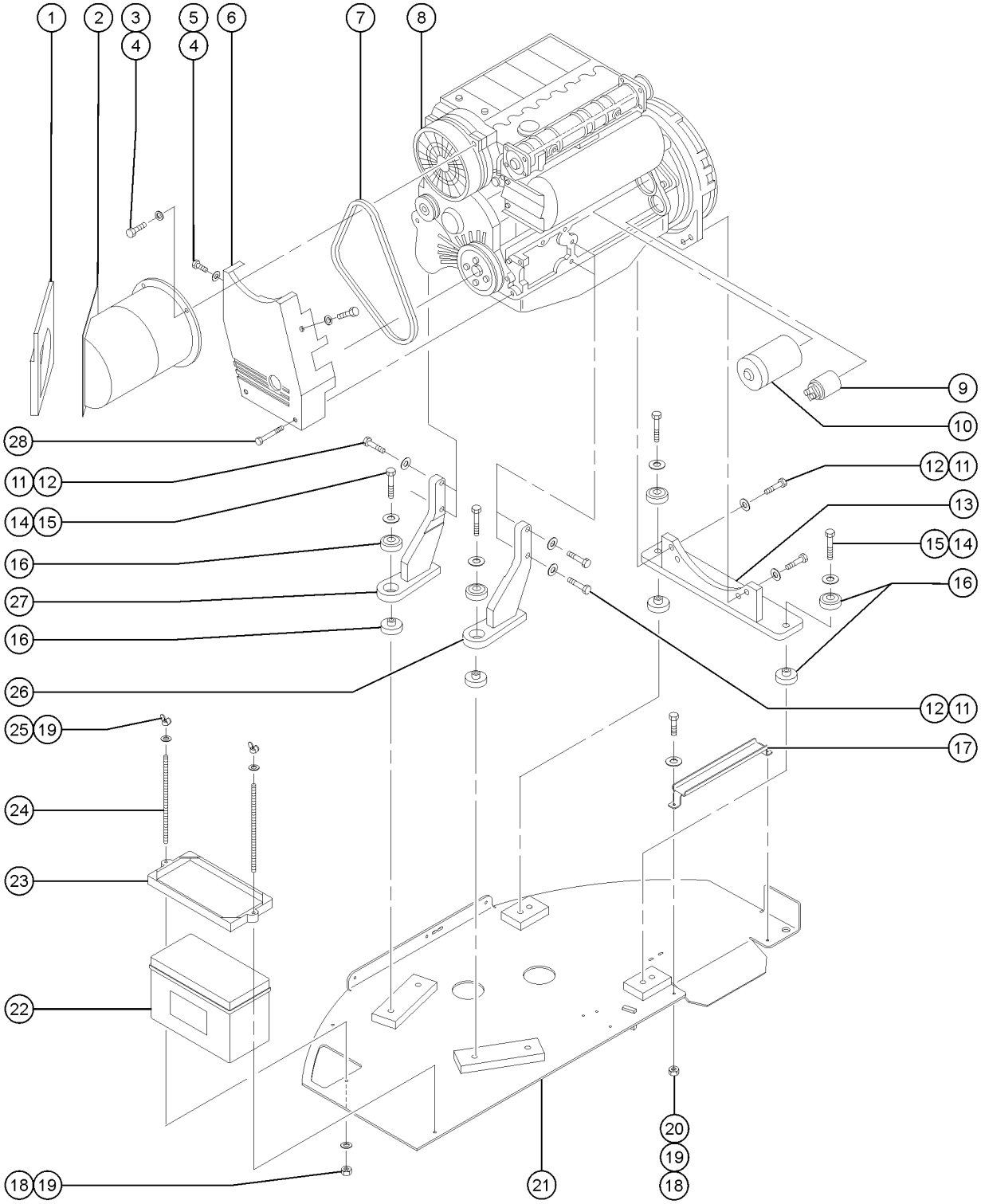
403.1 Deutz F4L 1011F Engine - View 1



403.1 Deutz F4L 1011F Engine - View 1

Item	Part No.	Description	Qty.
A-	52229GT	MANUAL,DEUTZ WORKSHOP 1011F	
B-	89453GT	HARNESS,ENGINE,DEUTZ,Z60,2002*	
1	53715GT	FOAM GASKET,AIR INTAKE	1
2	53716PGT	WELDMENT,AIR INTAKE TUBE,BLUE	1
3	32309GT	SCREW,HHC,M8 X 60MM X 1.25	
4	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
5	23057GT	SCREW,HHC,M8 X 20MM	
6	29555GT	COVER,FRONT DEUTZ ENGINE includes 2 each index number 4, 5 and 28	1
7	32698GT	BELT	1
8	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	
9	49915GT	SOLENOID-STARTR DEUTZF4L1011F*	1
10	37950GT	STARTER,DEUTZ,F4L1011F/F3L1011 11 tooth; inspect old starter before ordering (includes item 9)	1
10-	139709GT	STARTER, 12V 9 tooth; inspect old starter before ordering (includes item 9)	
11	34265GT	SCREW,HHC,M14 X 55	
12	37505GT	WASHER,LOCK,M14	
13	29550GT	WELDMENT,DEUTZ ENGINE MOUNT	1
14	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	4
15	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
16	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
17	89672PGT	FORMING,HYD. HOSE RESTRAINT	1
18	6091GT	NUT,NYLOCK,1/4-20	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	6888GT	SCREW, HHC, 1/4-20 X 1	
21	75650-SGT	WELDMENT PLATE ENGINE TANK	1
22	1303581GT	BATTERY, 12V, 950CCA, FLA	1
22-	49869GT	CORROSION INHIBITOR COATING	
23	30144GT	BATTERY HOLD DOWN,GROUP 31	1
24	30784-975GT	THREADED ROD,(1/4-20),9.75	2

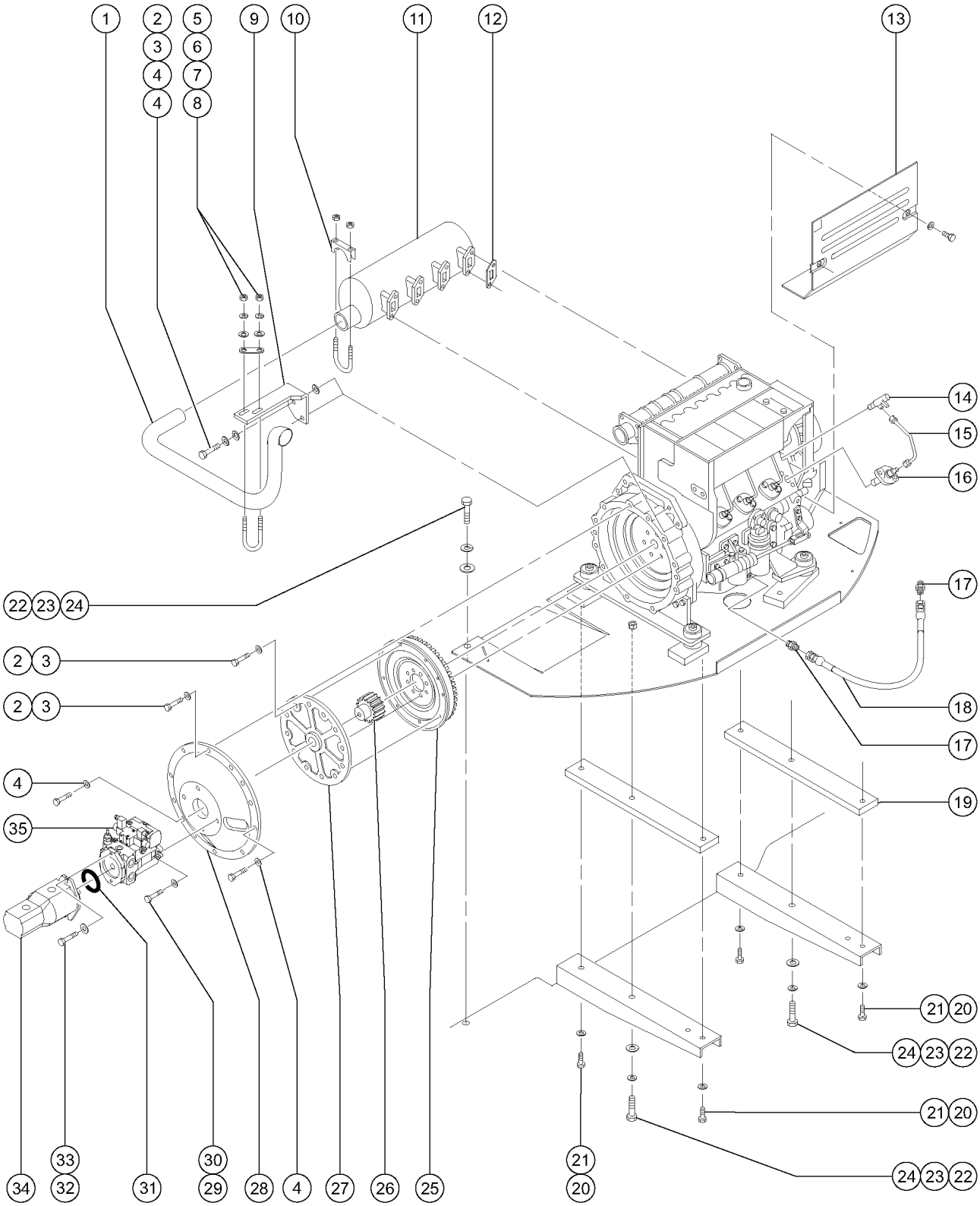
403.1 Deutz F4L 1011F Engine - View 1



403.1 Deutz F4L 1011F Engine - View 1

Item	Part No.	Description	Qty.
25	8170GT	NUT,WING,1/4-20	
26	32748GT	WELMENT,DEUTZ ENGINE MOUNT	1
27	32749GT	WELDMENT,DEUTZ ENGINE MOUNT	1
28	49401GT	SCREW,HHC,M8 X 100	

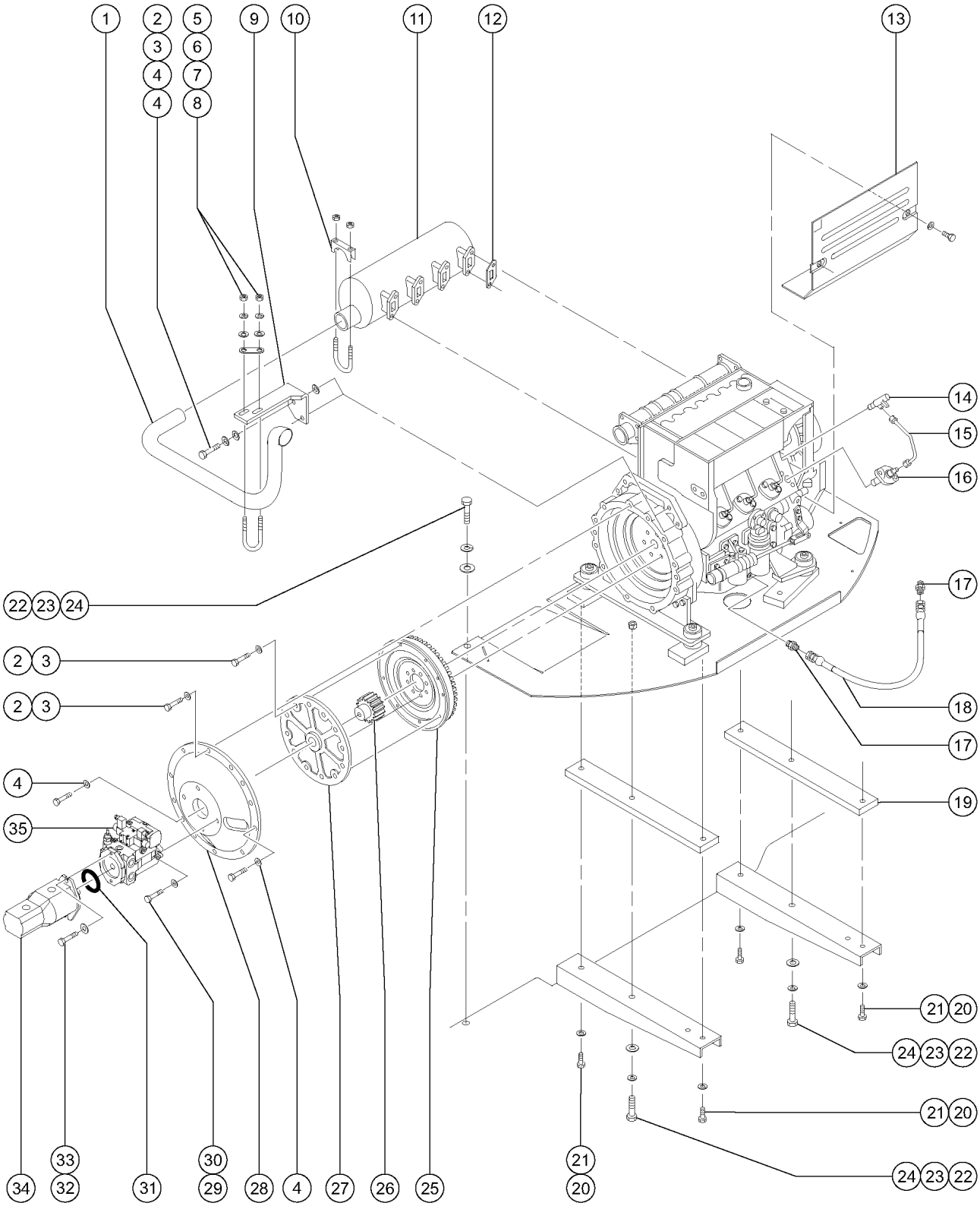
404.1 Deutz F4L 1011F Engine - View 2



404.1 Deutz F4L 1011F Engine - View 2

Item	Part No.	Description	Qty.
-	160550GT	KIT, 500 HR, DEUTZ TURBO every 500 hr service kit	
1	30493GT	EXHAUST,TAILPIPE,DEUTZ,Z60	1
2	44064GT	SCREW,HHC,M10 X 30MM,	
3	22700GT	WASHER,LOCK,M10	
4	6097GT	WASHER, FLAT, USS, 3/8", Y	
5	6037GT	NUT,HEX,5/16-18,GR5	
6	6886GT	WASHER,LOCK,.313	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***	
9	27329PGT	BRACKET,EXHAUST SUPPRT,PAINT	1
10	30438GT	CLAMP,MUFFLER,2 1/4" ID.	1
11	29558GT	MUFFLER**	1
12	29559GT	GASKET,EXHAUST	4
13	49916GT	COVER - DEUTZ F4L1011F includes mounting fasteners	1
14	49919GT	INJECTOR - DEUTZ F4L1011F Non-EPA models	4
14	65458GT	INJRCTOR-FUEL(F4L 1011F-EPA) EPA models	
15	49921GT	FUEL LINE INJ. DEUTZ F4L1011F	4
16	49929GT	INJECTOR PUMP - DEUTZ F4L1011F Non-EPA models	4
16	65459GT	PUMP-INJECTOR (F4L 1011F-EPA) EPA models	
17	48916GT	CONN, 520120-6	2
18	49135-3389-SGT	HOSE ASSY 3/8"	1
19	30271GT	PAD,ENGINE SLIDE	2
20	6090GT	SCREW, HHC, 1/4-20 X .75	
21	6356GT	WASHER, LOCK, .25	
22	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
23	6036GT	WASHER,LOCK,.625 PLTD	
24	13064GT	WASHER,FLAT,.625 HARDENED	3
25	49917GT	RING GEAR,DEUTZ F3 & F4L1011F* (please verify ring gear thickness) 0.46 inches	1

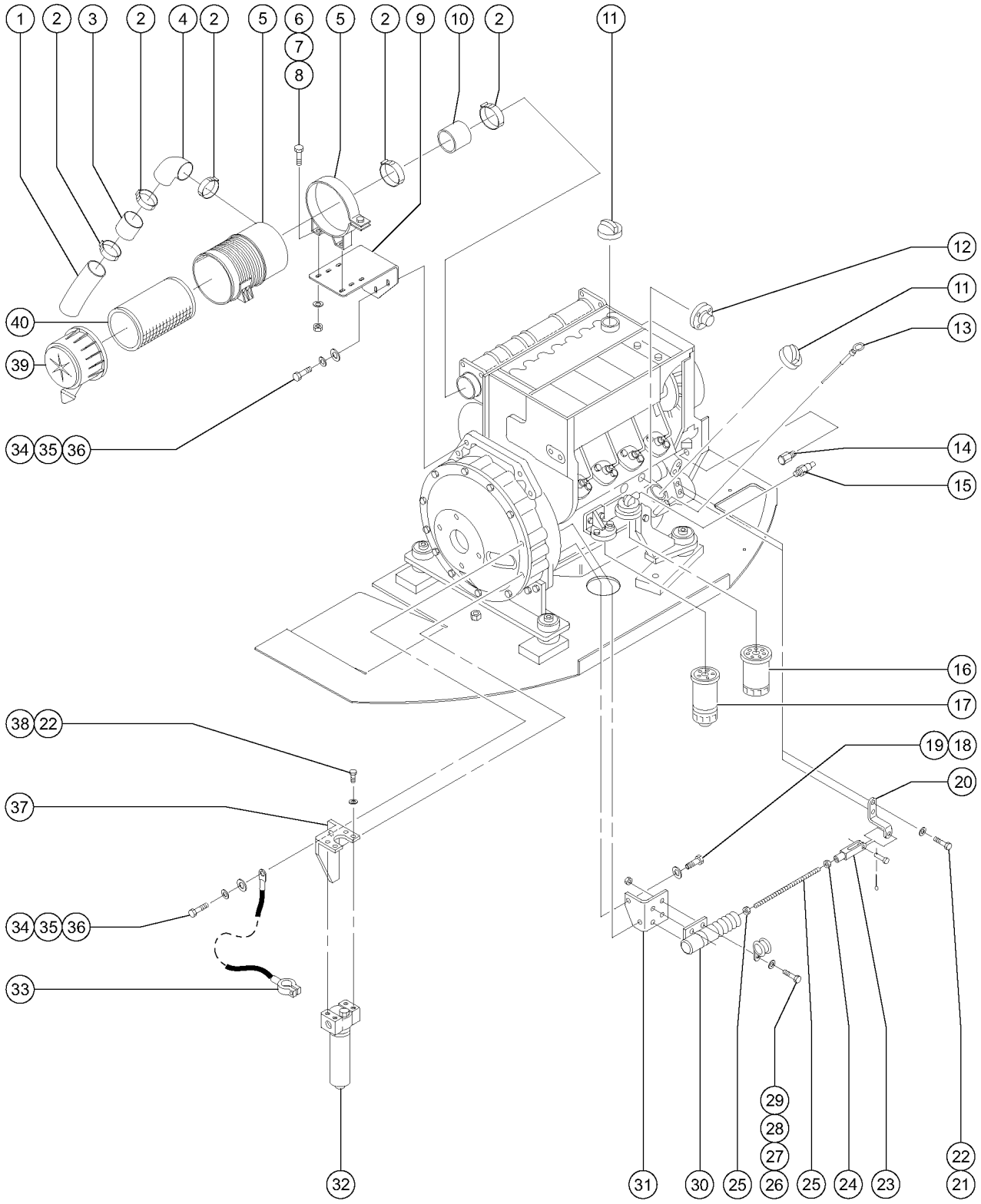
404.1 Deutz F4L 1011F Engine - View 2



404.1 Deutz F4L 1011F Engine - View 2

Item	Part No.	Description	Qty.
25-	89785GT	RING GEAR,DEUTZ F3L2011F (please verify ring gear thickness) 0.6 inches	
25-	33729GT	RING GEAR,DEUTZ F3 & F4L1011* (please verify ring gear thickness) 0.365 inches	
26	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
27	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
28	30806GT	FLYWHEEL COVER,CASTING***	1
29	8177GT	SCREW,HHC,1/2-13 X 1.5	
30	6033GT	WASHER,LOCK,0.5"	
31		Ref. O-ring (refer to 706.1)	1
32	6175GT	SCREW,HHC,3/8-16 X 1	
33	6021GT	WASHER, LOCK, .375	
34		Ref. Lift/Steer Pump (refer to 708.1) Non-oscillating models	
35		Ref. Drive Pump (refer to 708.1)	

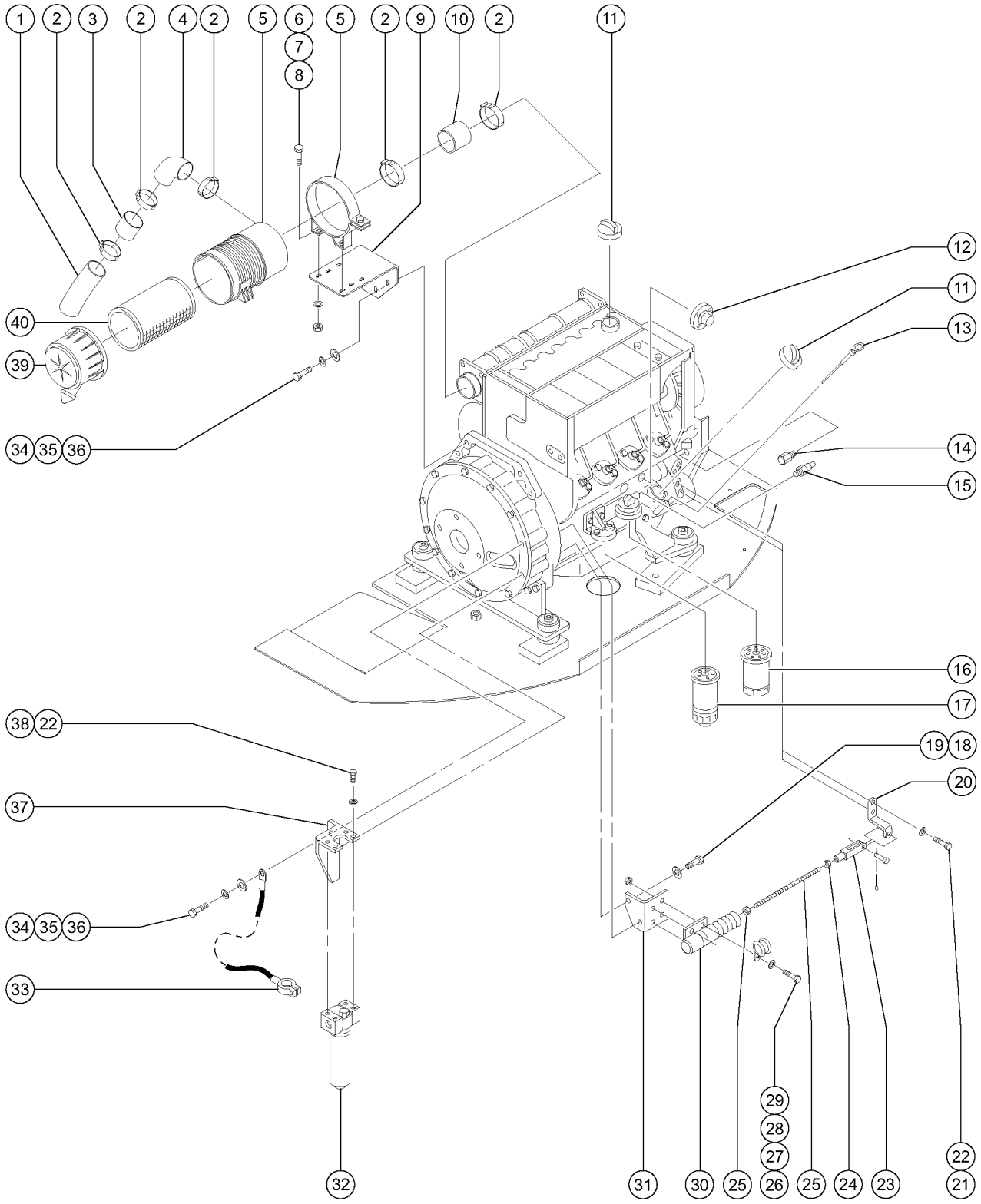
405.1 Deutz F4L 1011F Engine - View 3



405.1 Deutz F4L 1011F Engine - View 3

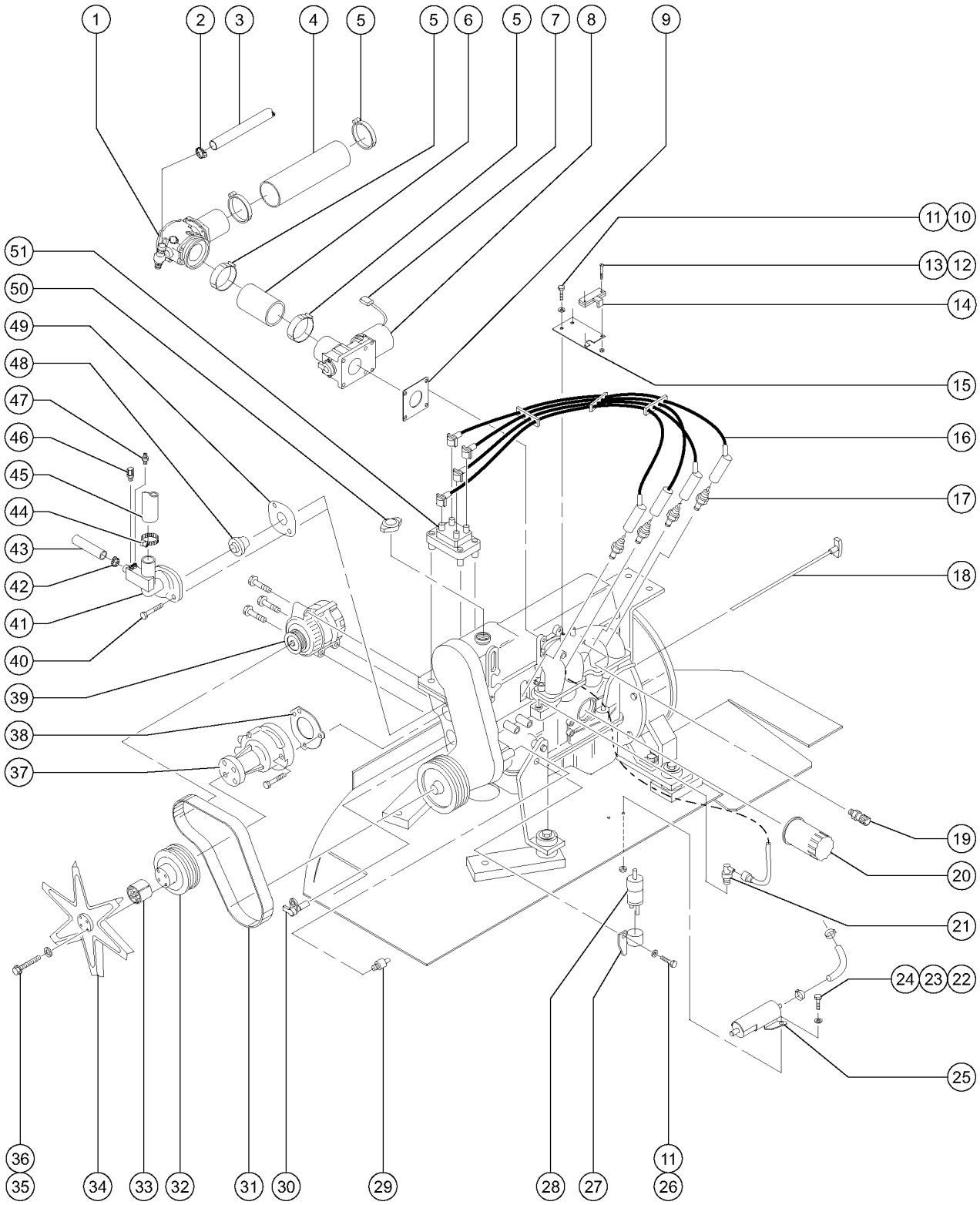
Item	Part No.	Description	Qty.
A-	139624GT	SWITCH, OIL PRESSURE 1.5 BAR (replaced 65765)	1
B-	139666GT	KIT,OP SWITCH,DEUTZ (oil pressure kit for models with ALC-500 control system. replaces 65765. includes item 139624 and instructions)	
1	34162-1900GT	HOSE,AIR INTAKE,2.50IDX19.00"	1
2	45435GT	CLAMP,HOSE,2.50"	5
3	35067GT	TUBE,RD,ALUM 2.5 X .083	2 inches
4	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	1
5	63463GT	AIR CLEANER,NELSON*** plastic housing (includes item 40)	1
5-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
5-	65810GT	BAFFLE, AIR CLEANER (27915)**	
5-	52866GT	EVACUATOR VALVE-AIR CLEANER	
5-	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
6	6175GT	SCREW,HHC,3/8-16 X 1	
7	6097GT	WASHER, FLAT, USS, 3/8", Y	
8	7713GT	NUT, LP NYLOCK, 3/8-16	
9	30769P-SGT	BRACKET,AIR CLEANER MTG.PAINT	1
10	30967GT	HOSE,AIR INTAKE 2.75" I.D.***	1
11	29557GT	CAP,OIL FILLER,DEUTZ,DIESEL***	2
12	49923GT	PUMP, FUEL LIFT, F4L1011F	1
13	49922GT	DIPSTICK - DEUTZ F4L1011F	1
14	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (must order cable assembly, 58256, if replacing 32752) (includes o-ring)	1
14-	58256GT	SOLENOID CABLE ASSY***	
14-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* (does not include diode, 45782)	
14-	56445GT	DIODE,6 AMP 200 PIV,REEL	
15	102686GT	OIL TEMP SENSOR, DEUTZ F4L2011	1
16	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
16-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1
17	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1

405.1 Deutz F4L 1011F Engine - View 3



Item	Part No.	Description	Qty.
17-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
18	23057GT	SCREW,HHC,M8 X 20MM	
19	6886GT	WASHER,LOCK,.313	
20	33240PGT	BRACKET,ACTUATOR ARM MTG,PTD	1
21	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	
22	6356GT	WASHER, LOCK, .25	
23	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	
24	21496GT	NUT,HEX,1/4-28	
25	30785-1500GT	THREADED ROD,1/4-28 X 15 IN***	1
26	6888GT	SCREW, HHC, 1/4-20 X 1	
27	6638GT	WASHER, FLAT, USS, 1/4"Y	
28	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	2
29	6091GT	NUT,NYLOCK,1/4-20	
30	29073GT	SOLENOID,THROTTLE,	1
30-	52537GT	BOOT,SOLENOID,29073	
31	33241PGT	BRACKET,SOLENOID MTG,PAINTED	1
32		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
32-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
32A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
32A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
33	122058GT	BATTERY CABLE,1/0 GA,BLK 30"	1
34	44064GT	SCREW,HHC,M10 X 30MM,	
35	22700GT	WASHER,LOCK,M10	
36	6097GT	WASHER, FLAT, USS, 3/8", Y	
37	30230P-SGT	FILTER MOUNT BRACKET	1
38	6090GT	SCREW, HHC, 1/4-20 X .75	
39		END CAP not available separately; included with item 5	1
40	62420GT	FILTER, AIR D2.9L4	1

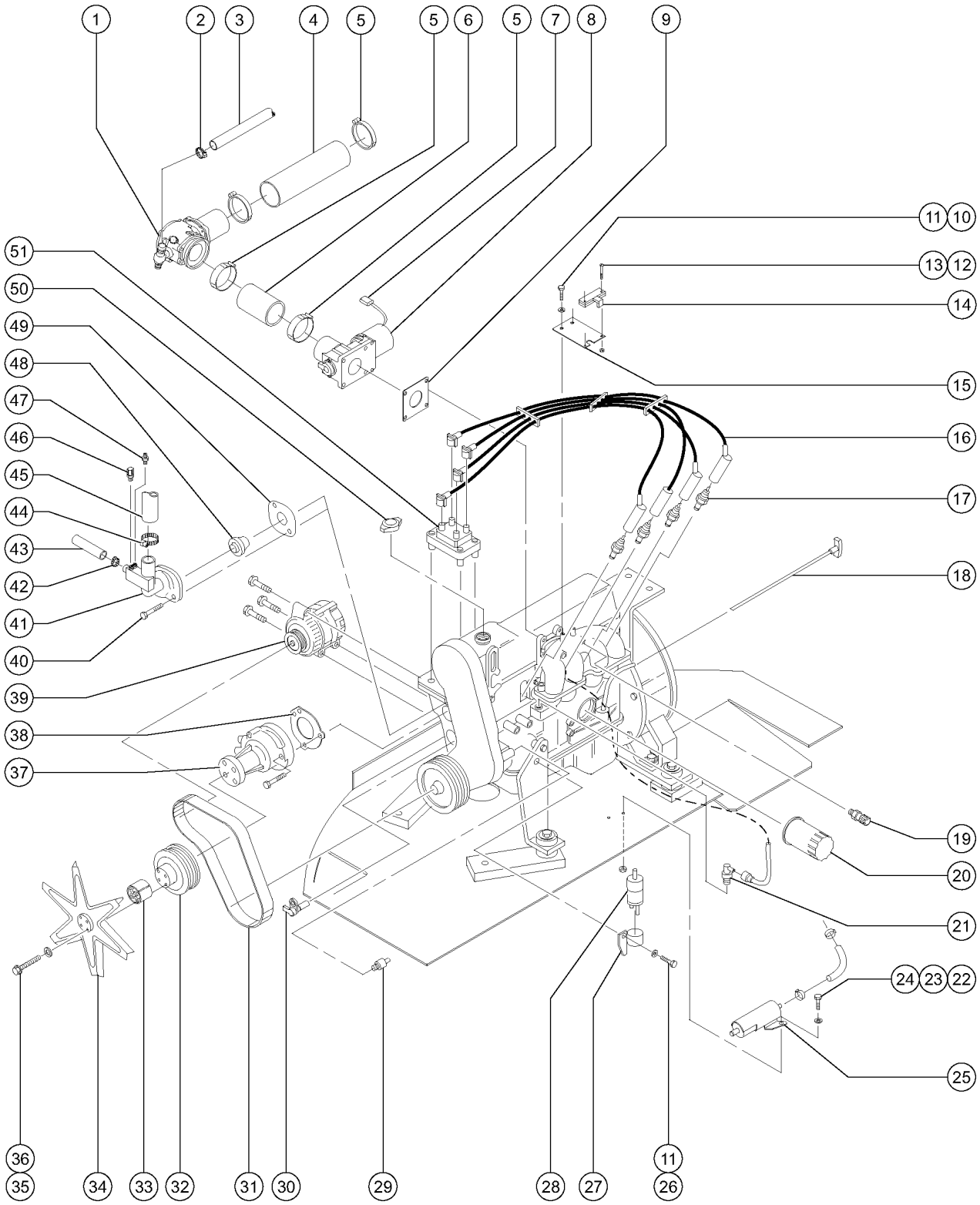
406.1 Ford LRG-425 EFI Engine - View 1 (to SN 4163)



406.1 Ford LRG-425 EFI Engine - View 1 (to SN 4163)

Item	Part No.	Description	Qty.
	49735GT	ENGINE,FORD LRG 425,EFIZ45 (remanufactured long block only, does not include starter, alternator, radiator or fuel system)	
	52695GT	MANUAL,WORKSHOP FORD LRG425EFI	
	81629GT	AIR VALVE MIXER*** for units without E-controls; consult factory prior to ordering	
	88448GT	HARNESS,FORD LRG 425 EFI*****	
	128903GT	JUMPER,THROTTLE BODY,FORD 2.5L	
	52656GT	FUEL INJECTOR, LRG-425 EFI	
1	58598GT	AIR VALVE MIXER for units upgraded to E-controls; consult factory prior to ordering	1
1-	58599GT	DIAPHRAGM,AIR VALVE MIXER for units upgraded to E-controls; consult factory prior to ordering	
1-	106144GT	AIR HORN,NOLFF MIXER,ALUMINUM*	
1-	119203GT	GASKET,NOLFF AIR HORN(106144)*	
2	46131GT	CLAMP,HOSE,.63" - 1.0" X .5"	2
3	81631GT	HOSE,VAPOR,LP SPECIFIC	
4	30966-0575GT	HOSE,AIR INTAKE,2.25"IDX5.75"	1
5	30971GT	CLAMP,HOSE,3.00"	4
6	27211-0250GT	HOSE,AIR INTAKE,2.625"IDX2.50"	1
7	88455GT	ADAPTER,THROTTLE ACTUATOR***	1
8A		ACTUATOR, FORD EFI PRECISION component no longer available	1
8B	88451GT	THROTTLE ACTUATOR*(BOSCH) models with EFI update kit ONLY	
9	52579GT	GASKET,ADAPTER PLATE,425EFI***	1
10	23057GT	SCREW,HHC,M8 X 20MM	
11	49408GT	WASHER, LOCK, M8	
12	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
13	6178GT	NUT, NYLOCK, 10-32	
14	49898GT	MAP SENSOR, EFI	1
15	53821PGT	BRACKET,MAP SENSOR,PAINTED	1
16	52570GT	SPARK PLUG WIRE SET, LRG425EFI	1
17	28647GT	SPARK PLUG,FORD	4
17	52656GT	FUEL INJECTOR, LRG-425 EFI not shown	4

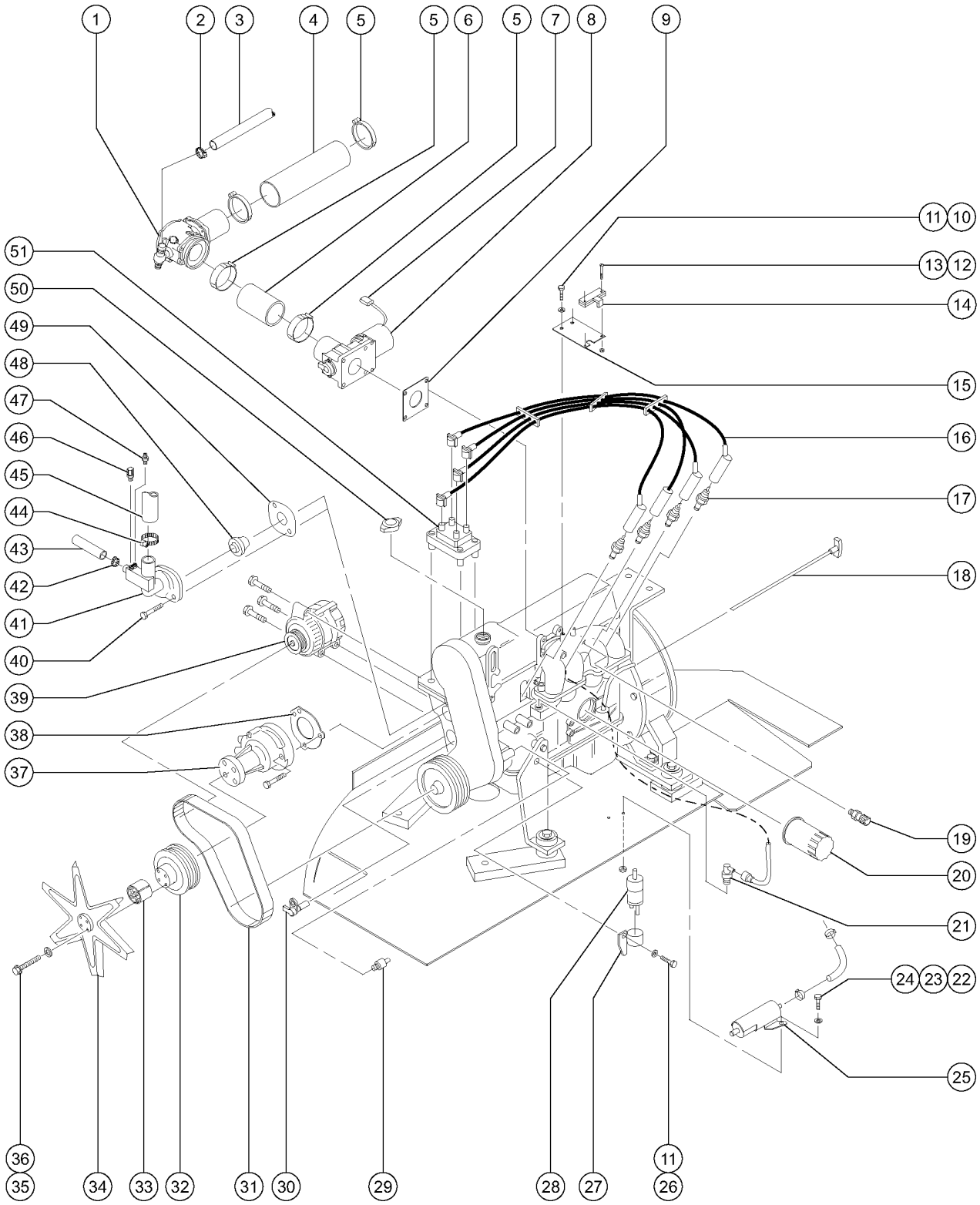
406.1 Ford LRG-425 EFI Engine - View 1 (to SN 4163)



406.1 Ford LRG-425 EFI Engine - View 1 (to SN 4163)

Item	Part No.	Description	Qty.
18	52566GT	DIPSTICK, OIL LEVEL,LRG425 EFI	1
19	52652GT	SENSOR,AIR TEMP,LRG-425 EFI***	1
20	28656GT	FILTER,OIL,FORD Genie genuine part	1
20-	1259054GT	FILTER, OIL, FORD Genie aftermarket	
21	33957GT	VALVE,PCV-FORD LRG***	1
22	8915GT	SCREW, HHC, 1/4-20 X 1.25	
23	6638GT	WASHER, FLAT, USS, 1/4"Y	
24	6091GT	NUT,NYLOCK,1/4-20	
25	77219GT	PUMP, FUEL, LRG425, WALBRO	1
26	25930GT	SCREW,HHC,M6 X 55MM,GRD 8.8	
27	65453GT	BRACKET-FUEL FILTER (52567)	1
28	58967GT	FUEL PRESSURE REG,425EFI***	1
29	58900GT	SENSOR,CAM,EFI***	1
30	33968GT	SENSOR, CRANK POSITION	1
31	52580GT	BELT,SERPENTINE,LRG425 EFI***	1
32	52078GT	PULLEY,FORD ENGINE,LRG-423***	1
33	52077GT	SPACER,FAN TO WATERPUMP LRG423	1
34		FAN, LSG423/LRG425 (52076) component no longer available	1
35	32309GT	SCREW,HHC,M8 X 60MM X 1.25	
36	49408GT	WASHER, LOCK, M8	
37	33963GT	PUMP, WATER, WITH GASKET	1
38	33964GT	GASKET, WATER PUMP	1
39	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
40	65454GT	BOLT-FLANGE,M6 X 22MM(52573)	
41	52573GT	THERMOSTAT HOUSING, LRG425 EFI	1
42	36208GT	CLAMP,HOSE,1.25***	1
43	52762GT	HOSE,WATER INLET,LRG425 EFI	1
44	22672GT	CLAMP,HOSE,1.75	1

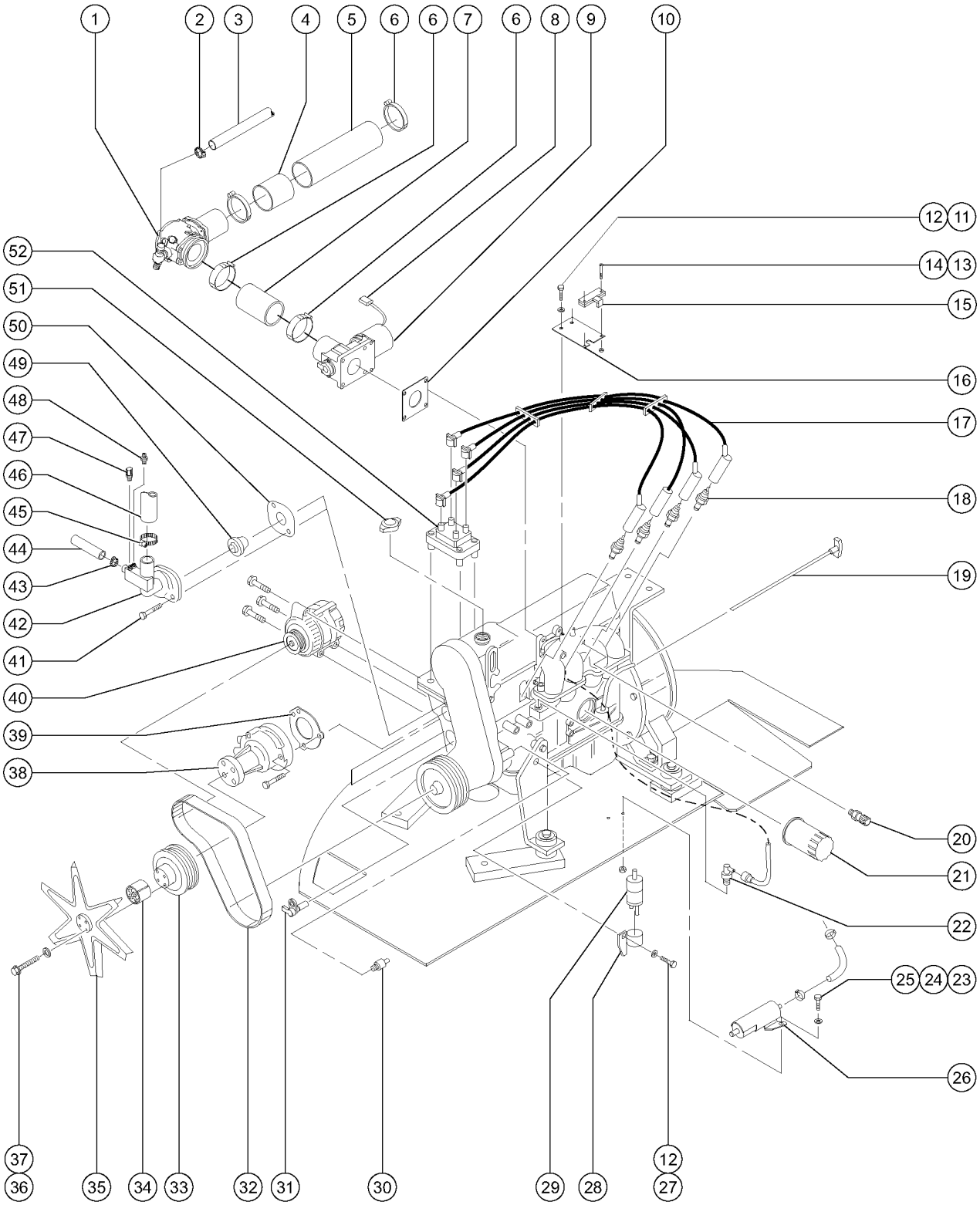
406.1 Ford LRG-425 EFI Engine - View 1 (to SN 4163)



406.1 Ford LRG-425 EFI Engine - View 1 (to SN 4163)

Item	*Part No.*	*Description*	*Qty.*
45	54862GT	HOSE,UPPER RADIATOR,Z45	1
46	33972GT	SENSOR,COOLANT TEMP*	1
47	65456GT	SENDING UNIT-H20TMP LRG425EFI*	1
48	33966GT	THERMOSTAT, FORD LRG	1
49	52575GT	GASKET,THERM.HSNG O-RING	1
50	49881GT	OIL FILLER CAP FOR LRG ENGINE	1
51	33970GT	COIL, ELECTRONIC IGN., FORD	1

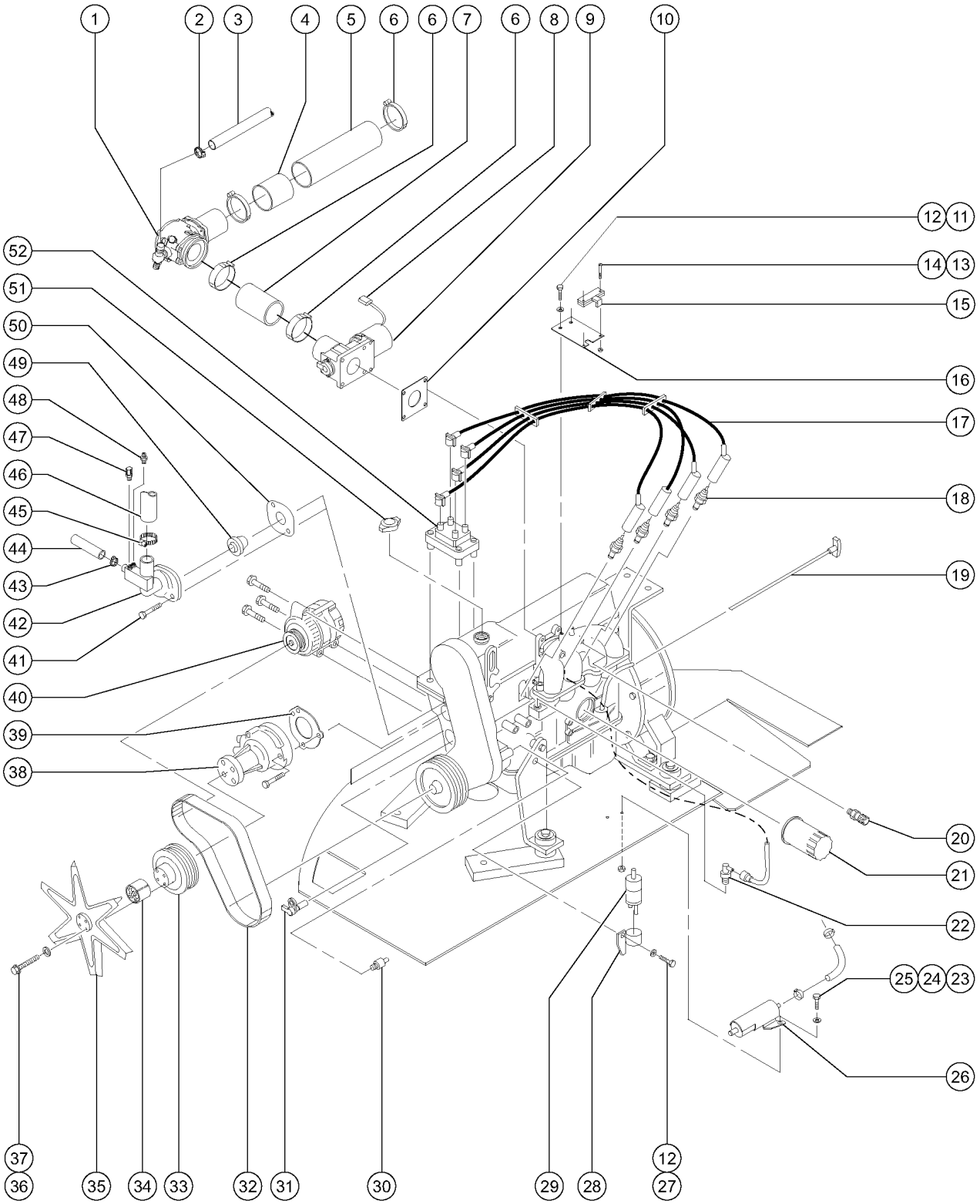
406.2 Ford LRG-425 EFI Engine - View 1 (from SN 4164 to 4545)



406.2 Ford LRG-425 EFI Engine - View 1 (from SN 4164 to 4545)

Item	Part No.	Description	Qty.
	49735GT	ENGINE,FORD LRG 425,EFIZ45 (remanufactured long block only, does not include starter, alternator, radiator or fuel system)	
	52695GT	MANUAL,WORKSHOP FORD LRG425EFI	
	81629GT	AIR VALVE MIXER*** for units without E-controls; consult factory prior to ordering	
	89618GT	HARNESS,FORD ENGINE,EFI,Z60	
1	58598GT	AIR VALVE MIXER for units upgraded to E-controls; consult factory prior to ordering	1
1-	58599GT	DIAPHRAGM,AIR VALVE MIXER for units upgraded to E-controls; consult factory prior to ordering	
1-	106144GT	AIR HORN,NOLFF MIXER,ALUMINUM*	
2	46131GT	CLAMP,HOSE,.63" - 1.0" X .5"	2
3	81631GT	HOSE,VAPOR,LP SPECIFIC	
4	30966-0150GT	HOSE,AIR INTAKE,2.25" ID	1
5	30966-0575GT	HOSE,AIR INTAKE,2.25"IDX5.75"	1
6	45435GT	CLAMP,HOSE,2.50"	4
7	27211-0250GT	HOSE,AIR INTAKE,2.625"IDX2.50"	1
8	88455GT	ADAPTER,THROTTLE ACTUATOR***	1
9		KIT,FORD EFI UPDATE,BASE*** no longer available	1
9-	48473P-SGT	BRACKET,AIR FILTER,FORD GAS PT	
10	52579GT	GASKET,ADAPTER PLATE,425EFI***	1
11	23057GT	SCREW,HHC,M8 X 20MM	
12	49408GT	WASHER, LOCK, M8	
13	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
14	6178GT	NUT, NYLOCK, 10-32	
15	49898GT	MAP SENSOR, EFI	1
16	53821PGT	BRACKET,MAP SENSOR,PAINTED	1
17	52570GT	SPARK PLUG WIRE SET, LRG425EFI	1
18	28647GT	SPARK PLUG,FORD	4
18	52656GT	FUEL INJECTOR, LRG-425 EFI not shown	4
19	52566GT	DIPSTICK, OIL LEVEL,LRG425 EFI	1
20	52652GT	SENSOR,AIR TEMP,LRG-425 EFI***	1

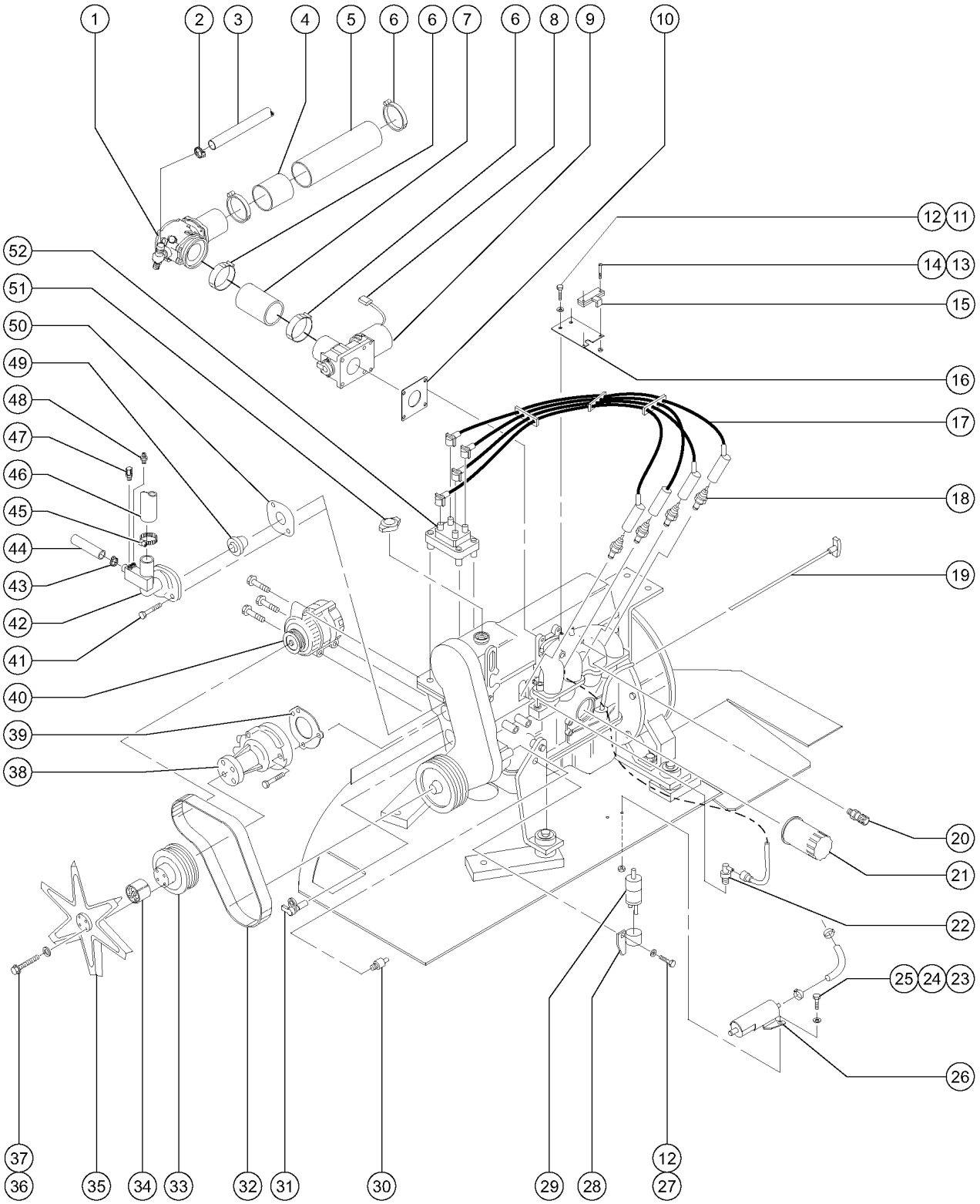
406.2 Ford LRG-425 EFI Engine - View 1 (from SN 4164 to 4545)



406.2 Ford LRG-425 EFI Engine - View 1 (from SN 4164 to 4545)

Item	Part No.	Description	Qty.
21	28656GT	FILTER,OIL,FORD Genie genuine part	1
21-	1259054GT	FILTER, OIL, FORD Genie aftermarket	
22	33957GT	VALVE,PCV-FORD LRG***	1
23	8915GT	SCREW, HHC, 1/4-20 X 1.25	
24	6638GT	WASHER, FLAT, USS, 1/4"Y	
25	6091GT	NUT,NYLOCK,1/4-20	
26	77219GT	PUMP, FUEL, LRG425, WALBRO	1
27	25929GT	SCREW,HHC,M8 X 30MM,GRD 8.8	
28	65453GT	BRACKET-FUEL FILTER (52567)	1
29	58967GT	FUEL PRESSURE REG,425EFI***	1
30	58900GT	SENSOR,CAM,EFI***	1
31	33968GT	SENSOR, CRANK POSITION	1
32	52580GT	BELT,SERPENTINE,LRG425 EFI***	1
33	52078GT	PULLEY,FORD ENGINE,LRG-423***	1
34	52077GT	SPACER,FAN TO WATERPUMP LRG423	1
35		FAN, LSG423/LRG425 (52076) component no longer available	1
36	32309GT	SCREW,HHC,M8 X 60MM X 1.25	
37	49408GT	WASHER, LOCK, M8	
38	33963GT	PUMP, WATER, WITH GASKET	1
39	33964GT	GASKET, WATER PUMP	1
40	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
41	65454GT	BOLT-FLANGE,M6 X 22MM(52573)	
42	52573GT	THERMOSTAT HOUSING, LRG425 EFI	1
43	36208GT	CLAMP,HOSE,1.25***	1
44	52762GT	HOSE,WATER INLET,LRG425 EFI	1
45	22672GT	CLAMP,HOSE,1.75	1
46	54862GT	HOSE,UPPER RADIATOR,Z45	1
47	33972GT	SENSOR,COOLANT TEMP*	1

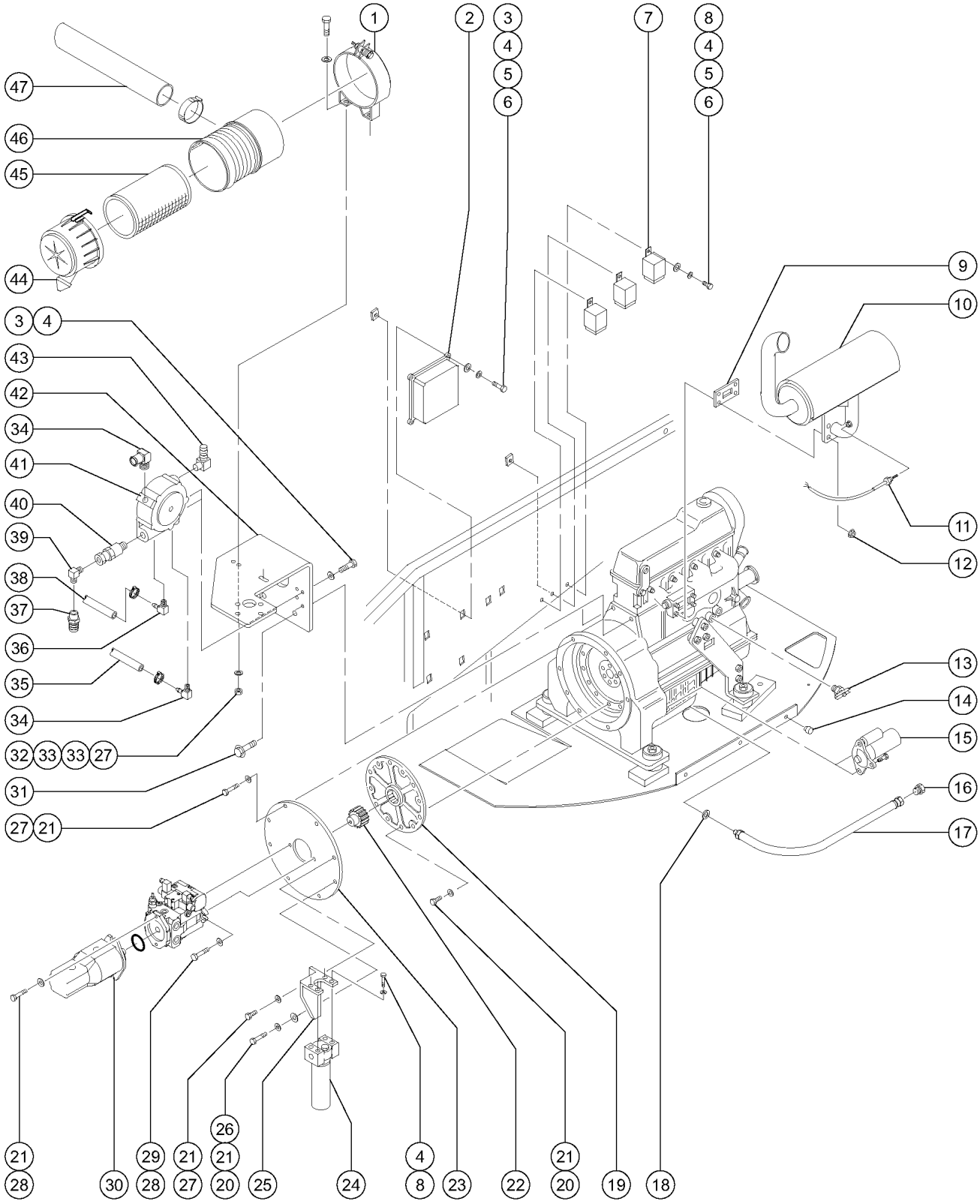
406.2 Ford LRG-425 EFI Engine - View 1 (from SN 4164 to 4545)



406.2 Ford LRG-425 EFI Engine - View 1 (from SN 4164 to 4545)

Item	*Part No.*	*Description*	*Qty.*
48	65456GT	SENDING UNIT-H20TMP LRG425EFI*	1
49	33966GT	THERMOSTAT, FORD LRG	1
50	52575GT	GASKET,THERM.HSNG O-RING	1
51	49881GT	OIL FILLER CAP FOR LRG ENGINE	1
52	33970GT	COIL, ELECTRONIC IGN., FORD	1

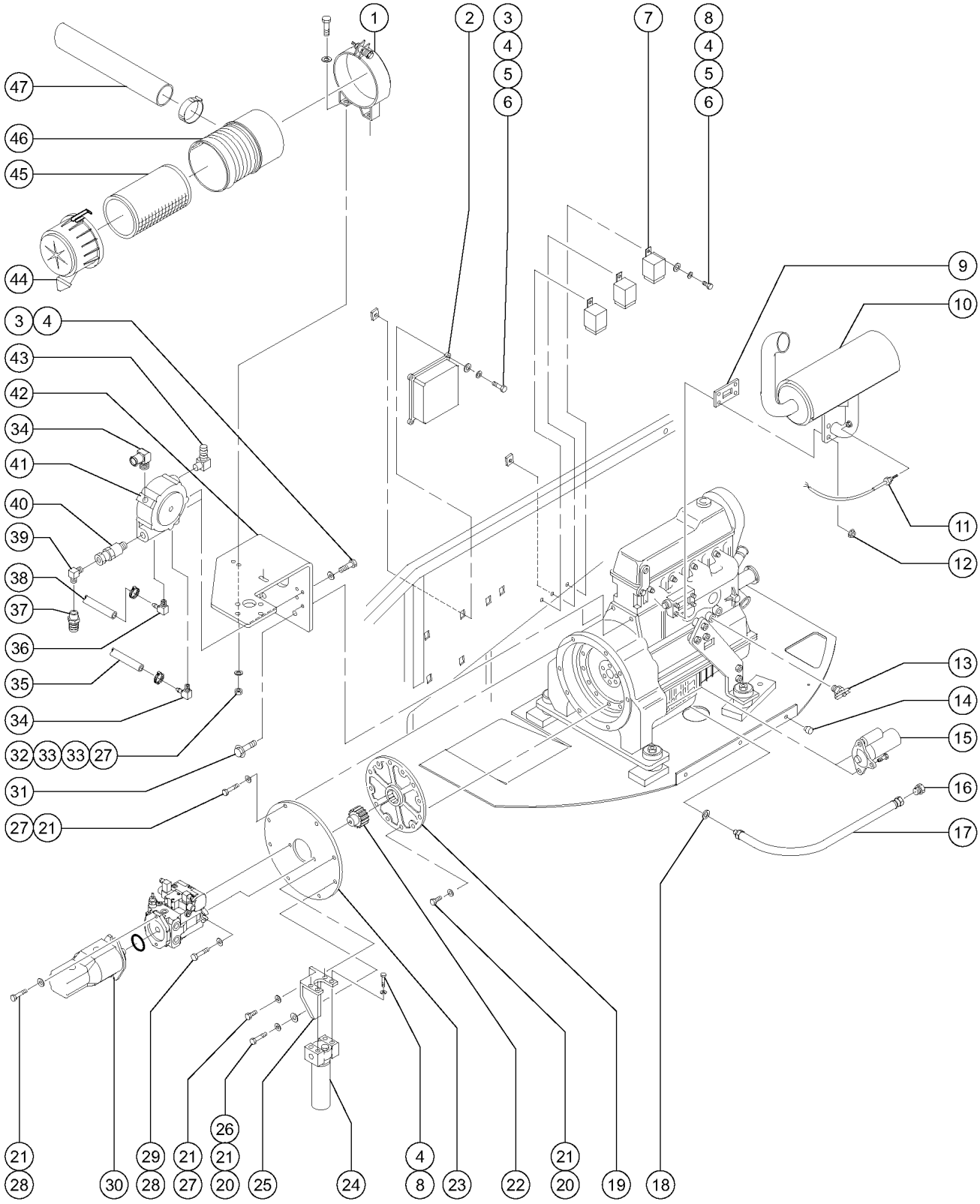
407.1 Ford LRG-425 EFI Engine - View 2 (to SN 4162)



407.1 Ford LRG-425 EFI Engine - View 2 (to SN 4162)

Item	Part No.	Description	Qty.
	65770GT	BELT,TIMING,FORD LRG423/425EFI	
	63427GT	HOSE ASSY,FORD OIL DRAIN 1/2" includes items 16 and 17; to SN 4162	
	89812GT	SWITCH,OIL PRESSURE ASSY	
	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	
	60857GT	FILTER,ELEMENT,BETA(5)=1000	
	58222GT	O-RING,FILTER ASSY (60334)***	
	58223GT	SEAL,FILTER ASSY (60334)***	
	58380GT	FILTER INDICATOR-(60334)	
1	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
2		ENGINE PERFORMANCE MODULE T1** no longer available	1
2-		KIT,FORD EFI UPDATE,BASE*** no longer available	
3	6888GT	SCREW, HHC, 1/4-20 X 1	
4	6356GT	WASHER, LOCK, .25	
5	6638GT	WASHER, FLAT, USS, 1/4"Y	
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	7
7	52592GT	RELAY - LRG425 EFI	3
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	27142GT	GASKET,EXHAUST***	1
10	77885GT	MUFFLER,FORD LRG S40-60-80***	1
11	52564GT	SENSOR,O2,LRG 425 EFI***	1
12	65460GT	NUT-FLANGE,7/16-14	
13	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
14	34619GT	BUMPER,RUBBER***	3
15	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
15B	29606GT	RING GEAR,FORD***	
16	63426GT	PLUG,070109-8	1
17	39888GT	HOSE,1/2,LOW PRESSURE,801-8***	1
18	53910GT	GASKET, FORD OIL DRAIN	1

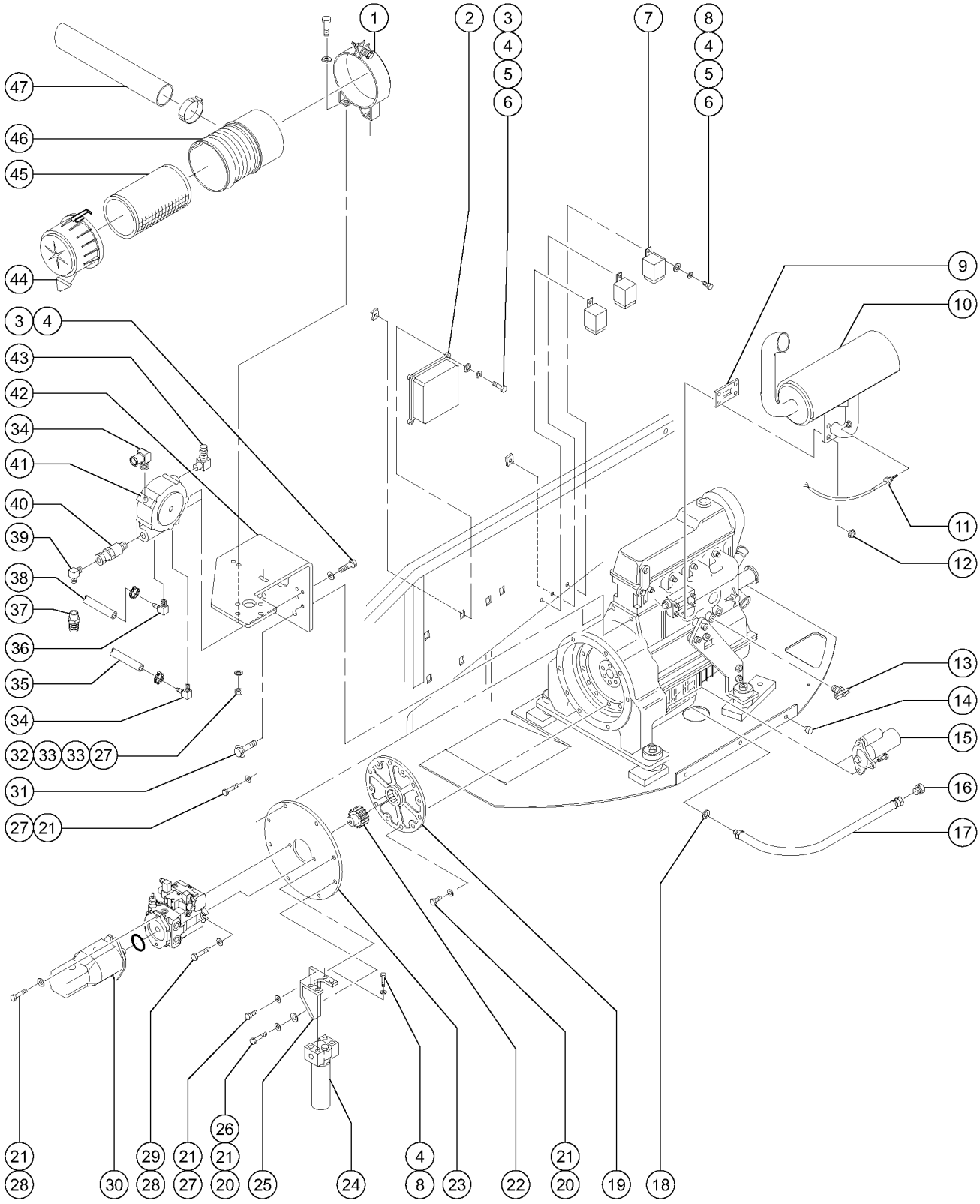
407.1 Ford LRG-425 EFI Engine - View 2 (to SN 4162)



407.1 Ford LRG-425 EFI Engine - View 2 (to SN 4162)

Item	Part No.	Description	Qty.
19	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
20	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
21	6021GT	WASHER, LOCK, .375	
22	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
23	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED	1
24		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
24-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
24-	58222GT	O-RING,FILTER ASSY (60334)*** for 77139	
24-	58223GT	SEAL,FILTER ASSY (60334)*** for 77139	
24A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
24A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
25	30230P-SGT	FILTER MOUNT BRACKET	1
26	5397GT	WASHER, FLAT, USS, 5/16-18	
27	6175GT	SCREW,HHC,3/8-16 X 1	
28	8177GT	SCREW,HHC,1/2-13 X 1.5	
29	6033GT	WASHER,LOCK,0.5"	
30		Ref. Pump Assembly (refer to 708.1)	
31	53024GT	SCR,M 10X40 LG HEX FLG. SERR.	
32	7713GT	NUT, LP NYLOCK, 3/8-16	
33	6097GT	WASHER, FLAT, USS, 3/8", Y	
34	81632GT	BRASS WATER FITTING,5/8	2
35	52762GT	HOSE,WATER INLET,LRG425 EFI	1
36	81635GT	FITTING,1/4PIPEX3/8"TUBE,ELBOW	1
37	81748GT	FITTING,3/8 NPTX3/4 HOSE BARB	1
38	53832GT	HOSE,FIRE RES.,5/8 ID,BULK	
39	19859GT	ELBOW,010202-6-4	1
40	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
41		REGULATOR,LP,MODEL J NOLFF component no longer available	1

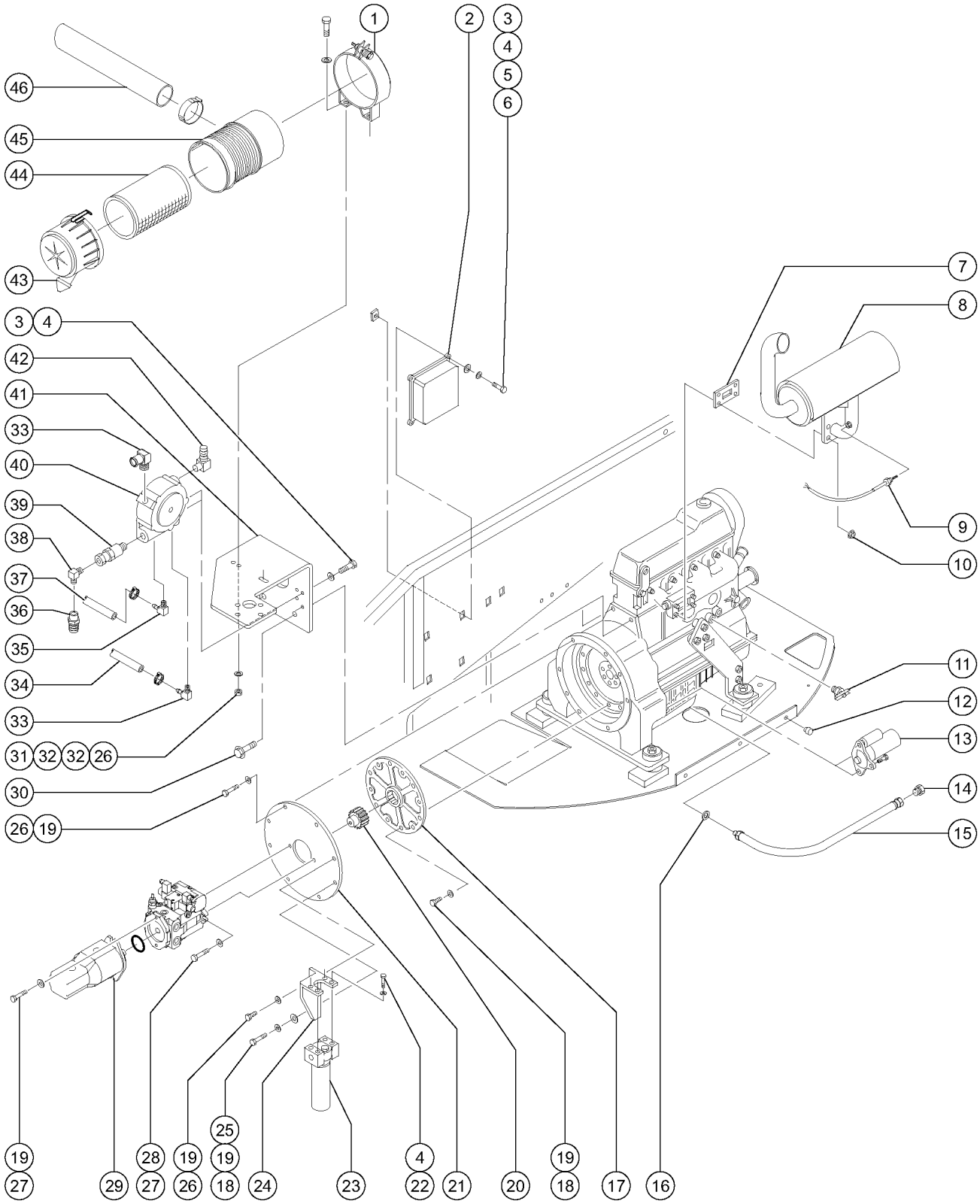
407.1 Ford LRG-425 EFI Engine - View 2 (to SN 4162)



407.1 Ford LRG-425 EFI Engine - View 2 (to SN 4162)

Item	*Part No.*	*Description*	*Qty.*
41-	75471GT	REGULATOR DIAPH.KIT NOLFF,MDLJ	
42	89076PGT	BRACKET,AIR FILTER,FORD GAS	1
43	81634GT	FITTING,1/2NPT X 5/8HOSE,ELBOW	1
44	63463GT	AIR CLEANER,NELSON*** plastic housing	1
44-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
44-	65810GT	BAFFLE, AIR CLEANER (27915)**	
44-	52866GT	EVACUATOR VALVE-AIR CLEANER	
45	62420GT	FILTER, AIR D2.9L4	1
46		END CAP not available separately	1
47	53124GT	HOSE,AIR INT.2.5 IDX12" W/450	1

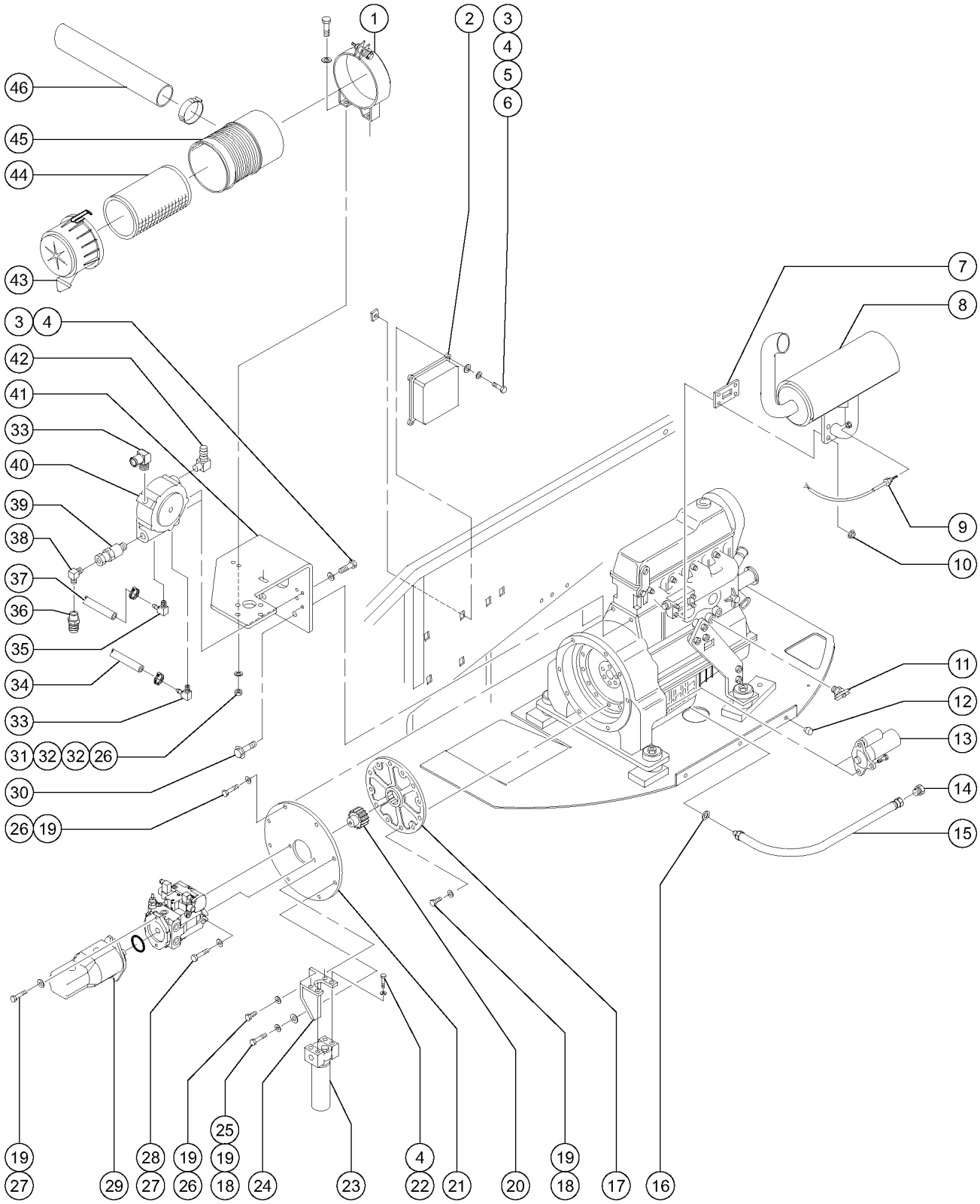
407.2 Ford LRG-425 EFI Engine - View 2 (from SN 4163 to 4545)



407.2 Ford LRG-425 EFI Engine - View 2 (from SN 4163 to 4545)

Item	Part No.	Description	Qty.
	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	
	60857GT	FILTER,ELEMENT,BETA(5)=1000	
	58222GT	O-RING,FILTER ASSY (60334)***	
	58223GT	SEAL,FILTER ASSY (60334)***	
	58380GT	FILTER INDICATOR-(60334)	
1	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
2		ENGINE PERFORMANCE MODULE T1** no longer available	1
3	6888GT	SCREW, HHC, 1/4-20 X 1	
4	6356GT	WASHER, LOCK, .25	
5	6638GT	WASHER, FLAT, USS, 1/4"Y	
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	7
7	27142GT	GASKET,EXHAUST***	1
8	77885GT	MUFFLER,FORD LRG S40-60-80***	1
9	88450GT	SENSOR,OXYGEN LRG425EFI	1
10	65460GT	NUT-FLANGE,7/16-14	
11	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
12	34619GT	BUMPER,RUBBER***	3
13	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
13	29606GT	RING GEAR,FORD***	1
14	63426GT	PLUG,070109-8	1
15	63427GT	HOSE ASSY,FORD OIL DRAIN 1/2"	1
16	53910GT	GASKET, FORD OIL DRAIN	1
17	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
18	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
19	6021GT	WASHER, LOCK, .375	
20	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
21	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED	1
22	6090GT	SCREW, HHC, 1/4-20 X .75	

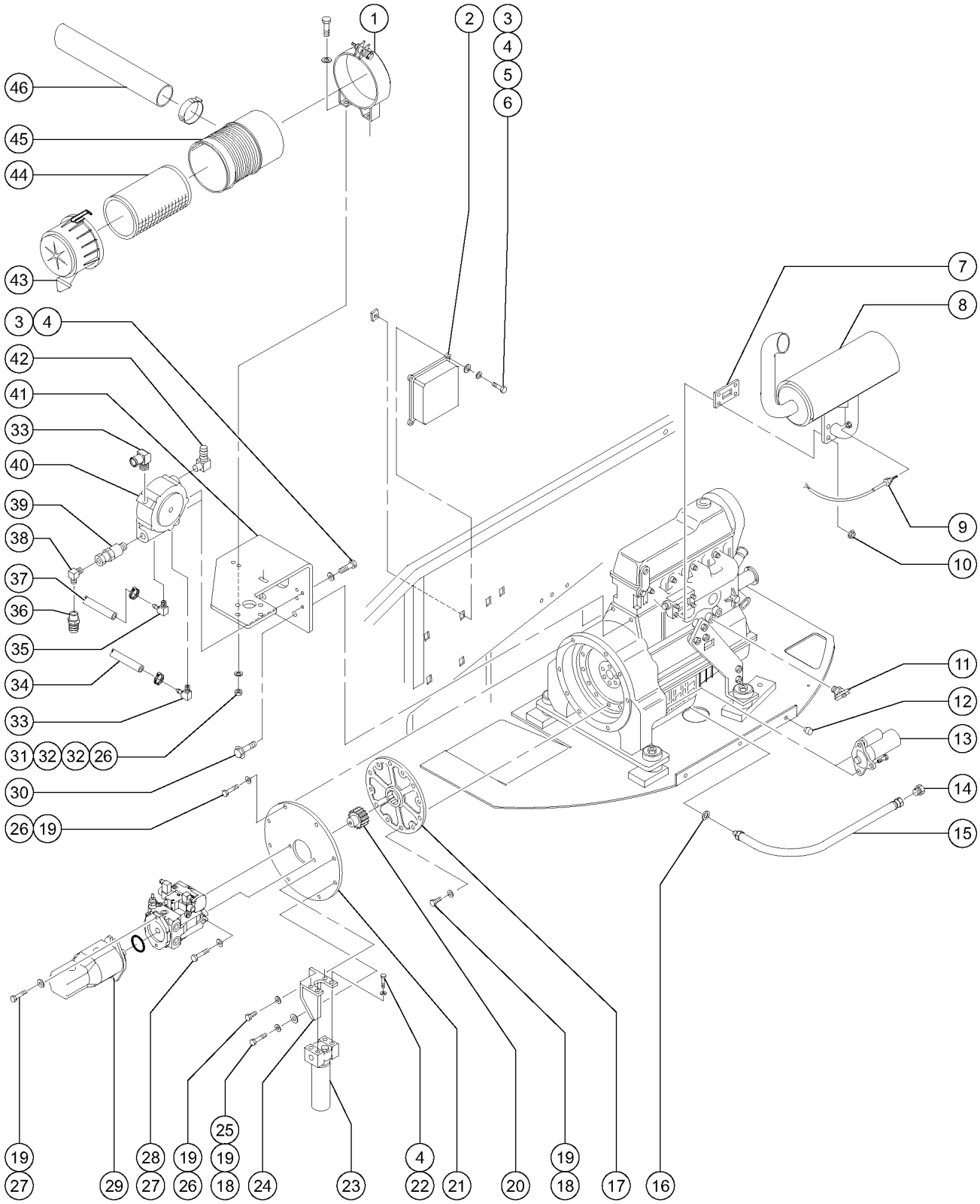
407.2 Ford LRG-425 EFI Engine - View 2 (from SN 4163 to 4545)



407.2 Ford LRG-425 EFI Engine - View 2 (from SN 4163 to 4545)

Item	Part No.	Description	Qty.
23		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
23-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
23A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
23A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
24	89077PGT	BRACKET,FILTER MOUNT	1
25	5397GT	WASHER, FLAT, USS, 5/16-18	
26	6175GT	SCREW,HHC,3/8-16 X 1	
27	8177GT	SCREW,HHC,1/2-13 X 1.5	
28	6033GT	WASHER,LOCK,0.5"	
29		Ref. Pump Assembly (refer to 708.1)	
30	53024GT	SCR,M 10X40 LG HEX FLG. SERR.	
31	7713GT	NUT, LP NYLOCK, 3/8-16	
32	6097GT	WASHER, FLAT, USS, 3/8", Y	
33	81632GT	BRASS WATER FITTING,5/8	2
34	52762GT	HOSE,WATER INLET,LRG425 EFI	1
35	81635GT	FITTING,1/4PIPEX3/8"TUBE,ELBOW	1
36	81748GT	FITTING,3/8 NPTX3/4 HOSE BARB	1
37	53832GT	HOSE,FIRE RES.,5/8 ID,BULK	
38	19859GT	ELBOW,010202-6-4	1
39	88757GT	VALVE,LP LOCKOUT W/CONN***	1
40		REGULATOR,LP,MODEL J NOLFF 81630GT no longer available from supplier	1
40-		PLATE, HOLD DOWN HANDLE Part is no longer available	
41	89076PGT	BRACKET,AIR FILTER,FORD GAS	1
42	81634GT	FITTING,1/2NPT X 5/8HOSE,ELBOW	1
43	63463GT	AIR CLEANER,NELSON*** plastic housing	1
44	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
44-	62420GT	FILTER, AIR D2.9L4	
44-	65810GT	BAFFLE, AIR CLEANER (27915)**	

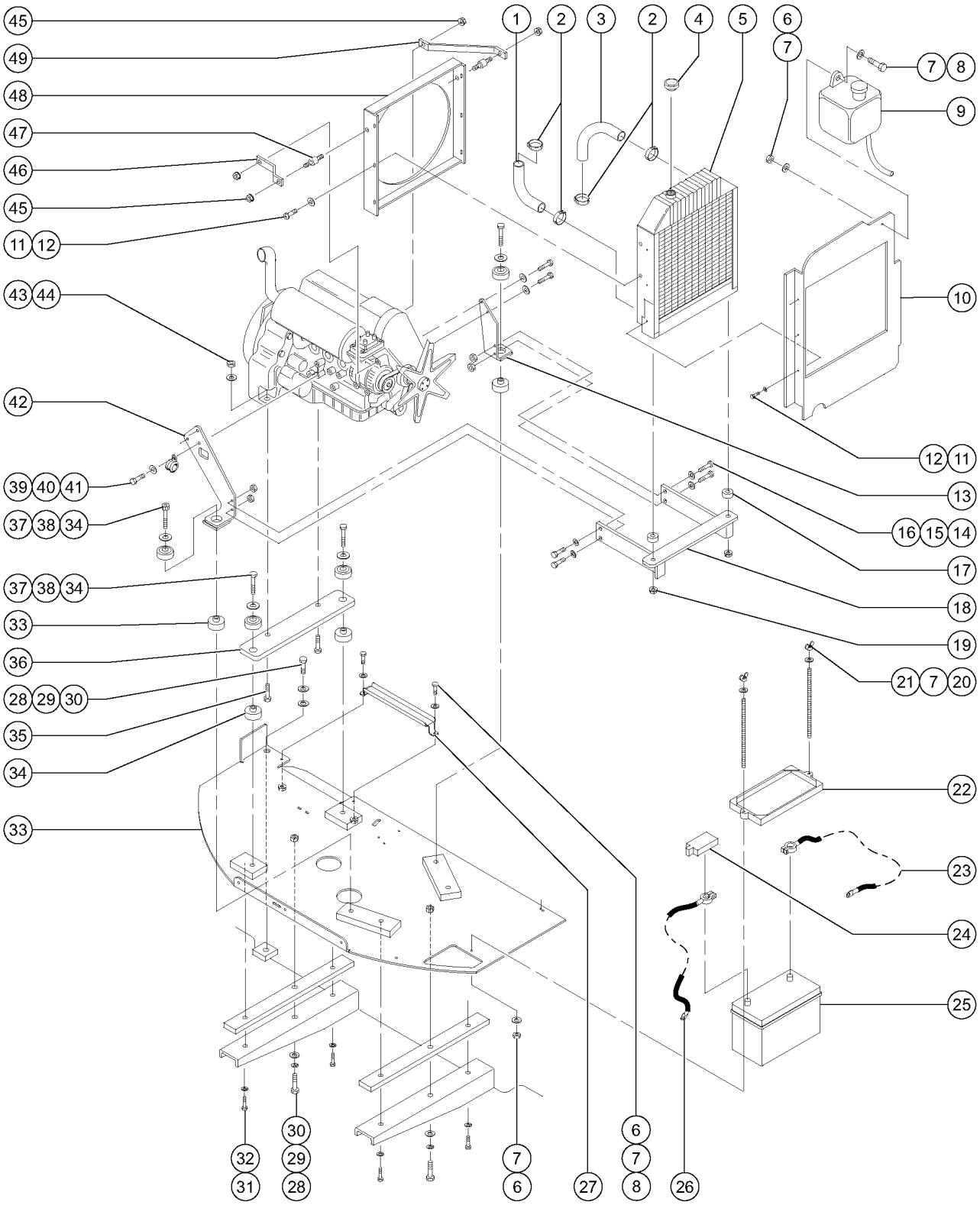
407.2 Ford LRG-425 EFI Engine - View 2 (from SN 4163 to 4545)



407.2 Ford LRG-425 EFI Engine - View 2 (from SN 4163 to 4545)

Item	*Part No.*	*Description*	*Qty.*
44-	52866GT	EVACUATOR VALVE-AIR CLEANER	
45		END CAP not available separately	1
46	53124GT	HOSE,AIR INT.2.5 IDX12" W/450	1

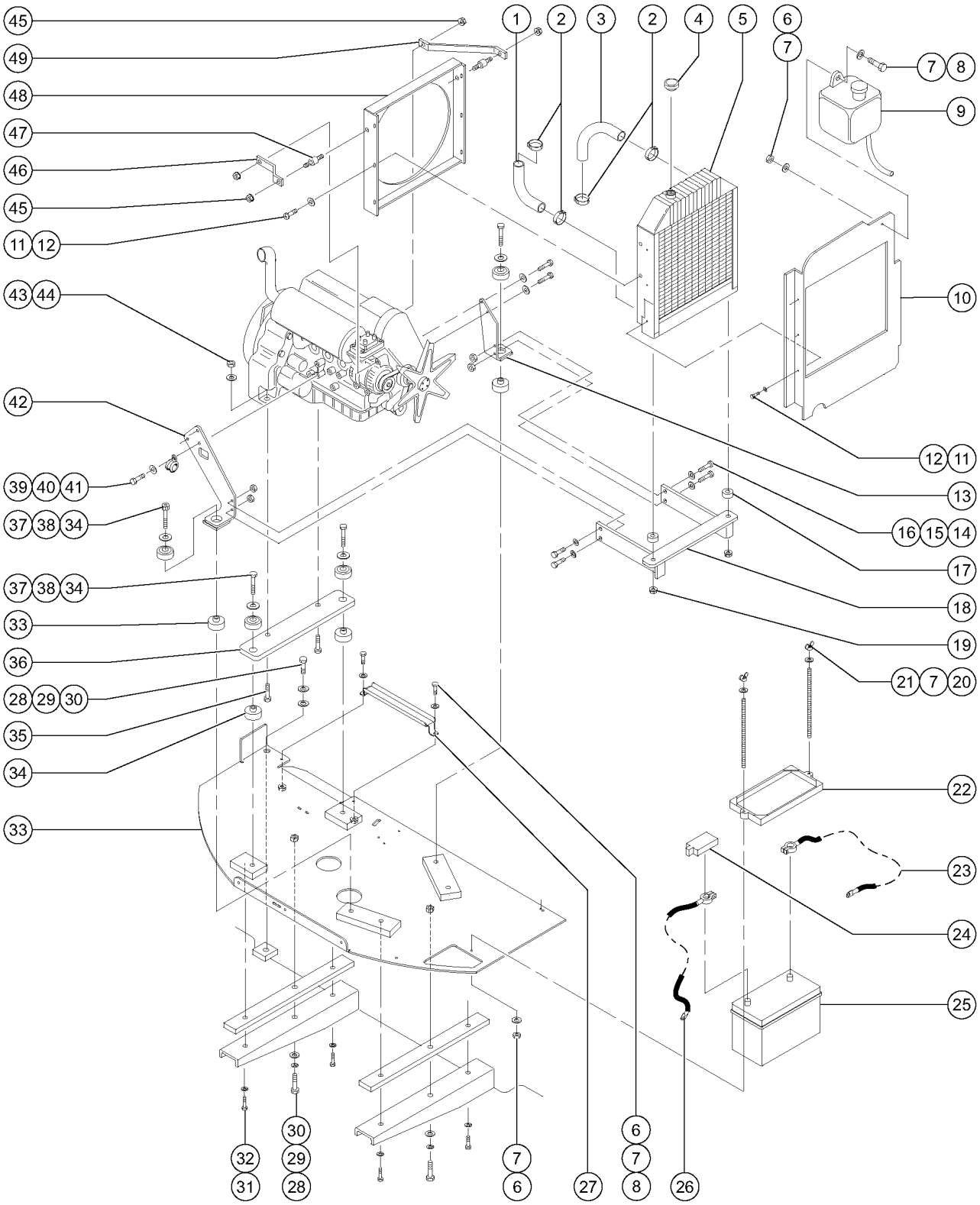
408.1 Ford LRG-425 EFI Engine - View 3 (to SN 4545)



408.1 Ford LRG-425 EFI Engine - View 3 (to SN 4545)

Item	Part No.	Description	Qty.
1	77170GT	HOSE,LOWER RADIATOR,Z45	1
2	22672GT	CLAMP,HOSE,1.75	4
3	33965GT	HOSE, UPPER RADIATOR	1
4	27943GT	CAP,RADIATOR,FORD***	1
5	33969GT	RADIATOR,FORD,LRG	1
5	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	
6	6091GT	NUT,NYLOCK,1/4-20	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
9-	72327GT	CAP, COOLANT RET SYS(54071)	
10	53528-SGT	SHROUD, FORD RADIATOR, BLUE	1
11	73612GT	SCREW,PHM,10-24X.50,SELF TAP	
12	73613GT	WASHER,STAR,#10,PLTD	
13	53425-SGT	WELDMENT,RH,ENGINE MOUNT	1
14	8516GT	SCREW, HCC, 3/8-16 X 1.50	
15	6097GT	WASHER, FLAT, USS, 3/8", Y	
16	4828GT	NUT, NYLOCK, 3/8-16	
17	24038GT	SHOCK MOUNT,SMALL	2
18	34929-SGT	WELDMENT,RADIATOR MOUNT LRG423	1
19	48425GT	NUT,FLG-LRG,3/8-16,YZ	
20	8170GT	NUT,WING,1/4-20	
21	30784-975GT	THREADED ROD,(1/4-20),9.75	2
22	30144GT	BATTERY HOLD DOWN,GROUP 31	1
23	T113653GT	CABLE ASSY,2/0,NEG,BLK,72	1
24	18189GT	BOOT,BATTERY TERMINAL,RED	1
25	1303581GT	BATTERY, 12V, 950CCA, FLA	1
25-	49869GT	CORROSION INHIBITOR COATING	

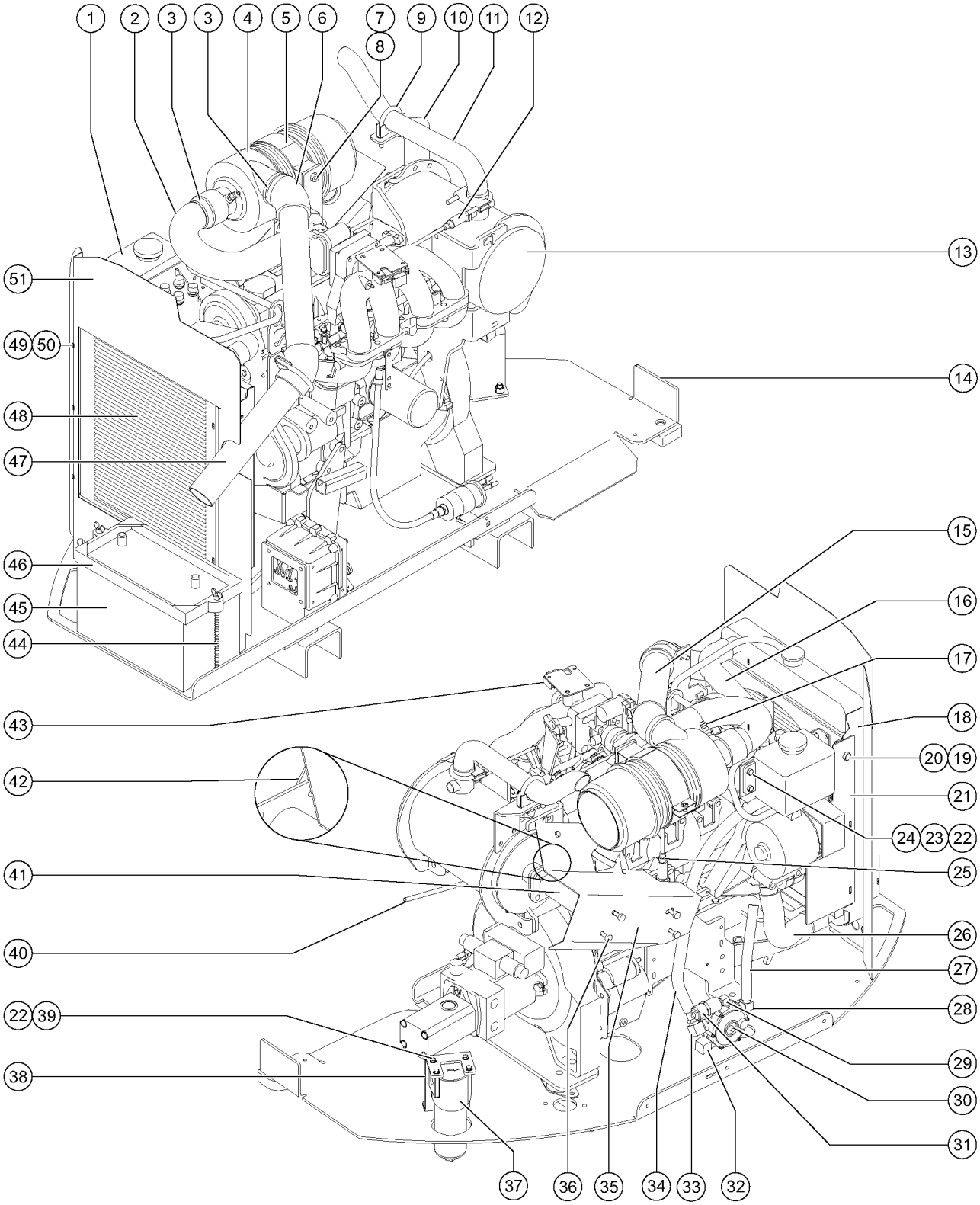
408.1 Ford LRG-425 EFI Engine - View 3 (to SN 4545)



408.1 Ford LRG-425 EFI Engine - View 3 (to SN 4545)

Item	Part No.	Description	Qty.
26	T113655GT	COUPLING, 28MM (106113)	1
27	89672PGT	FORMING,HYD. HOSE RESTRAINT	1
28	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	
29	6036GT	WASHER,LOCK,.625 PLTD	
30	13064GT	WASHER,FLAT,.625 HARDENED	
31	6090GT	SCREW, HHC, 1/4-20 X .75	
32	6356GT	WASHER, LOCK, .25	
33	75650-SGT	WELDMENT PLATE ENGINE TANK	1
34	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
35	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
36	28234P-SGT	PLATE,ENGINE MOUNT,PAINTED	1
37	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	4
38	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
39	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
40	6021GT	WASHER, LOCK, .375	
41	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH*	
42	53290-SGT	WELDMENT,RH,ENGINE MOUNT	1
43	6086GT	NUT,LP NYLOCK,1/2-13	
44	6095GT	WASHER,FLAT,USS,1/2",Y	
45	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
46	34942P-SGT	STRUT,RH,FORD RADIATOR,PAINT replaced by 34942PGT	1
46B	34942PGT	STRUT,RH,FORD RADIATOR,PAINT**	1
47	219437GT	ISOLATOR,VIBRATION	2
48	34927P-SGT	SHROUD,RADIATOR LRG 423 BLUE**	1
49	34943P-SGT	MOUNT,RAD.SUPPT,LH,BLUE	1

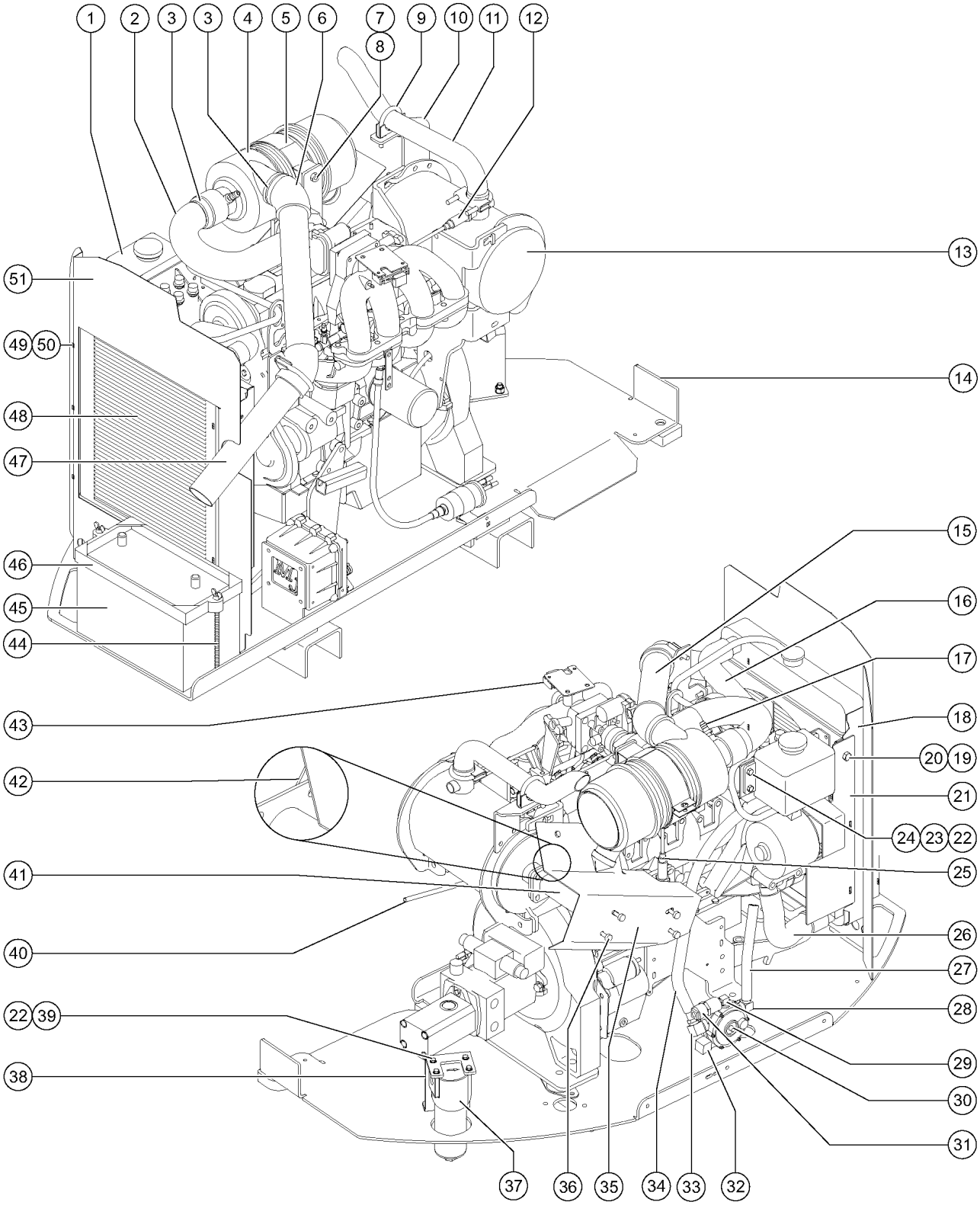
409.1 Ford LRG-425 EFI Engine - View 1 (from SN 4546)



409.1 Ford LRG-425 EFI Engine - View 1 (from SN 4546)

Item	Part No.	Description	Qty.
	49735GT	ENGINE,FORD LRG 425,EFIZ45 (remanufactured long block only, does not include starter, alternator, radiator or fuel system)	
	102107GT	HARNESS,FORD EFI 2004	
	57767GT	SCRUBBER,EXHAUST,FORD,EFI	
	27412GT	PIVOT STOP BRACKET,AWP2 30/36	
	35817GT	STUD,EXHAUST MANIFOLD-FORD,LRG	
	35818GT	NUT,EXHAUST MANIFOLD-FORD,LRG	
1	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
1-	72327GT	CAP, COOLANT RET SYS(54071)	
1-	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
2	88847GT	HOSE,AIR CLEANER TO INTAKE	1
3	45435GT	CLAMP,HOSE,2.50"	3
4	111634GT	AIR CLEANER,FORD,T3	1
4-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
4-	227988GT	VACUATOR VALVE	
4-	77295GT	FILTER ELEMENT,AIR,NOLFF LPG	
4-	58247GT	AIR CLEANER CAP/ FORD/NOLFF***	
4-	1277991GT	CLIP,AIR CLEANER COVER (58247) for 58247	
5	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
6	33361GT	ELBOW,45 DEGR,RUBBER,2.5"I.D.	2
7	6782GT	NUT, NYLOCK, 5/16-18	
8	10107GT	SCREW,HHC,5/16-18 X .75	
9	102121GT	CLAMP,MUFFLER,1-7/8 IN.	2
10	102109PGT	FORMING,MUFFLER SUPPORT,PNTD.	1
11	102009GT	TAILPIPE,FORD LRG 425, S40/S45	1
12	106486GT	SENSOR,AIR,CAT MONITOR***	1
13	106178GT	WELDMENT,MUFFLER,FORD TIER2	1
13	55030GT	MUFFLER,PURIS40,S&Z60,S80 FORD	
14	89954GT	WELDMENT,ENGINE TRAY,Z60	1

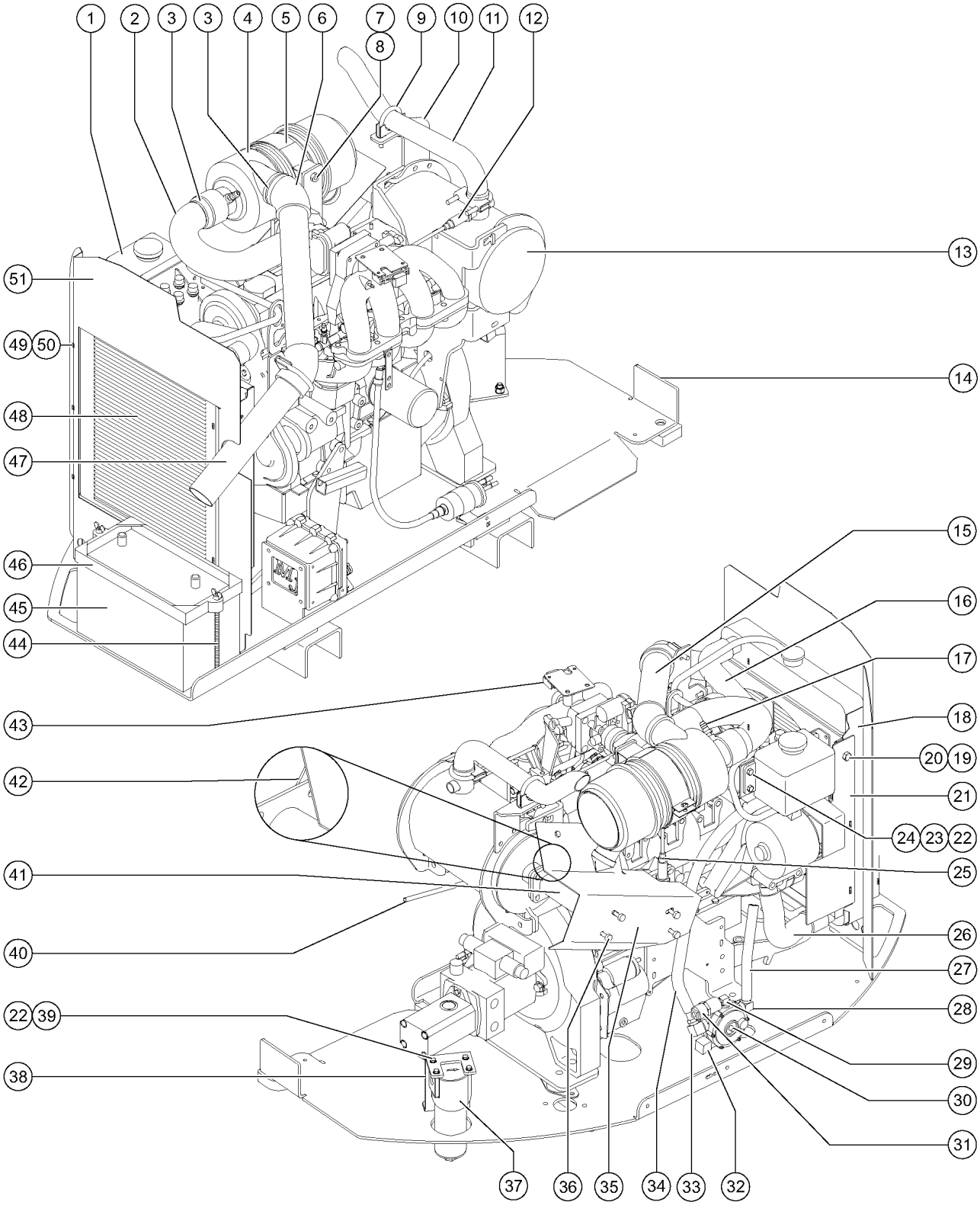
409.1 Ford LRG-425 EFI Engine - View 1 (from SN 4546)



409.1 Ford LRG-425 EFI Engine - View 1 (from SN 4546)

Item	Part No.	Description	Qty.
15	102104GT	TUBE,INTAKE,2.50 OD X 15.63"	1
16	33965GT	HOSE, UPPER RADIATOR	1
17	102977GT	HOSE FITITNG,BRASS,AIR CLEANER	1
18	54598PGT	SHROUD,RADIATOR,FORD LGR425,PA	1
19	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
20	6146GT	WASHER,FLAT,MS,#10,Y	
21	102010PGT	FORMING,FAN GUARD,FORD,PAINTED	1
22	6090GT	SCREW, HHC, 1/4-20 X .75	
23	6638GT	WASHER, FLAT, USS, 1/4"Y	
24	6091GT	NUT,NYLOCK,1/4-20	
25	88450GT	SENSOR,OXYGEN LRG425EFI	1
26	77170GT	HOSE,LOWER RADIATOR,Z45	1
26-	13014GT	CLAMP,HOSE,2.25" DIA.	
27	1702GT	HOSE-HEATER,5/8 ID-BLACK	
28	102074GT	ELBOW,90DEG, .63 HS X.375 MPT	1
29	19363GT	ELBOW,130239-4-4	1
30	70525GT	REGULATOR,LPG	1
31	88757GT	VALVE,LP LOCKOUT W/CONN***	1
31	19358GT	CONNECTOR,010102-6-4	
32	102072GT	FITTING, STR 1/2 NPT X 3/4 HS	1
33	102073GT	ELBOW,90 DEG,3/8NPT X 1/2 FNPT	1
34	823702GT	HOSE,3/4" COOLANT,44.00"LG	1
35	102118GT	FORMING,HEAT SHIELD,FORD includes item 47	1
36	32064GT	CLAMP,MUFFLER,1.75 INCH	2
37		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
37-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
37A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
37A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	

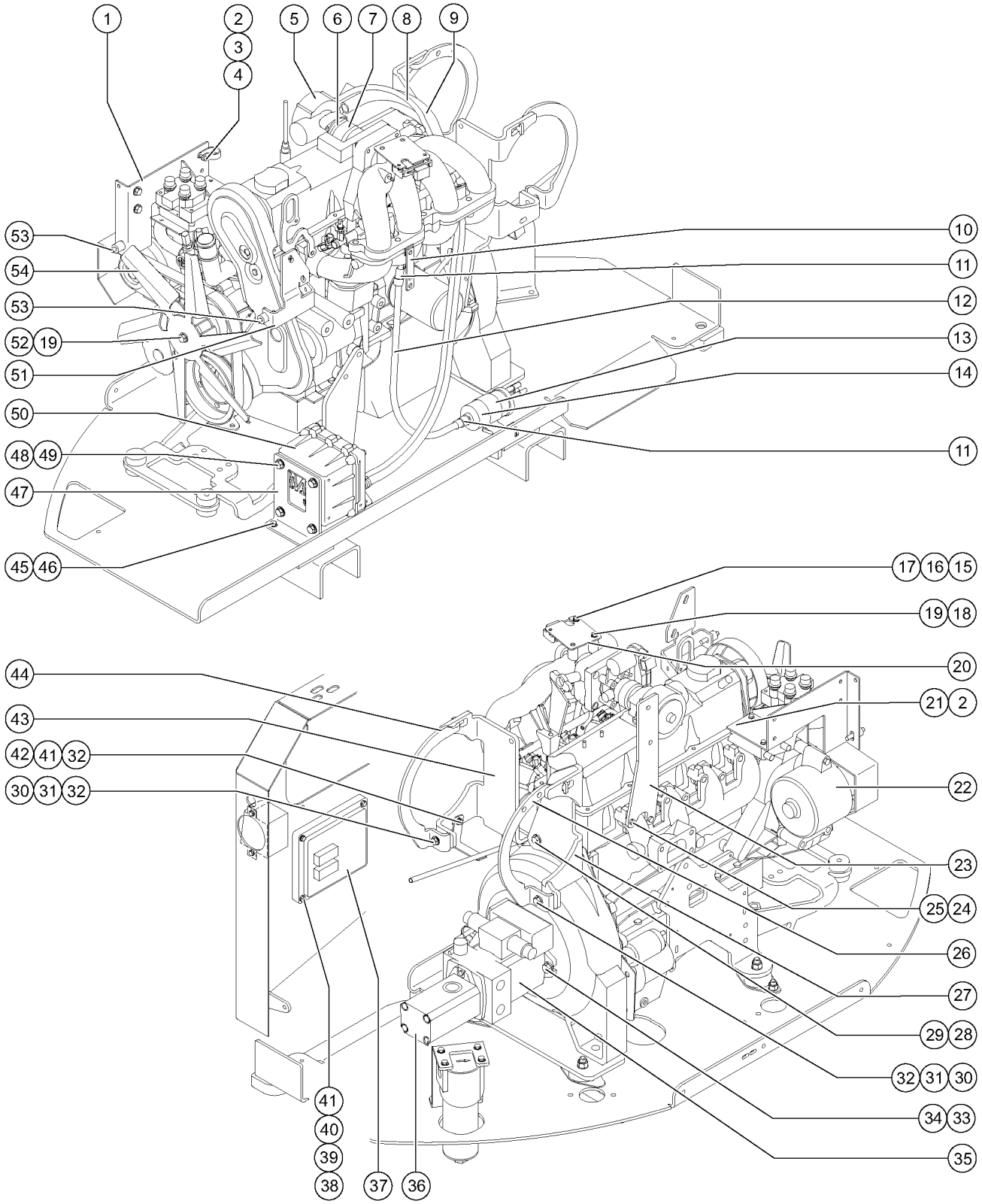
409.1 Ford LRG-425 EFI Engine - View 1 (from SN 4546)



409.1 Ford LRG-425 EFI Engine - View 1 (from SN 4546)

Item	Part No.	Description	Qty.
38	102100PGT	FORMING,FILTER BRACKET,PAINTED	1
39	6356GT	WASHER, LOCK, .25	
40	70419GT	DIP STICK TUBE,FORD GAS	1
40-	52566GT	DIPSTICK, OIL LEVEL,LRG425 EFI	
41	89973GT	EXHAUST PIPE ASSEMBLY, FORD	1
41-	102134GT	GASKET,EXHAUST FORD TIER II	
41-	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	
42	102779PGT	FORMING,HEAT SHLD SUPPORT,PTD	1
42-	8255GT	SCREW,HHC,3/8-16 X .75	
42-	6021GT	WASHER, LOCK, .375	
42-	4828GT	NUT, NYLOCK, 3/8-16	
43	49898GT	MAP SENSOR, EFI	1
44	45708GT	HOOK,BATT HOLD DOWN,10"	2
45	1303581GT	BATTERY, 12V, 950CCA, FLA	1
45-	89631GT	CABLE,#2GA.,NEG.,BLACK,57",S40	
45-	89650GT	BATTERY CABLE,2/0,POS.RED,19"	
45-	49869GT	CORROSION INHIBITOR COATING	
46	30144GT	BATTERY HOLD DOWN,GROUP 31	1
47	102103GT	TUBE,INTAKE,2.50 OD X 13"	1
48-	110304GT	RADIATOR,FORD/PERKINS***	1
48-	65473GT	CAP,RADIATOR,PERKINS/FORD	
49	8255GT	SCREW,HHC,3/8-16 X .75	
50	6021GT	WASHER, LOCK, .375	
51	102350PGT	FORMING,RAD.SHROUD,FORDZ60,PTD	1

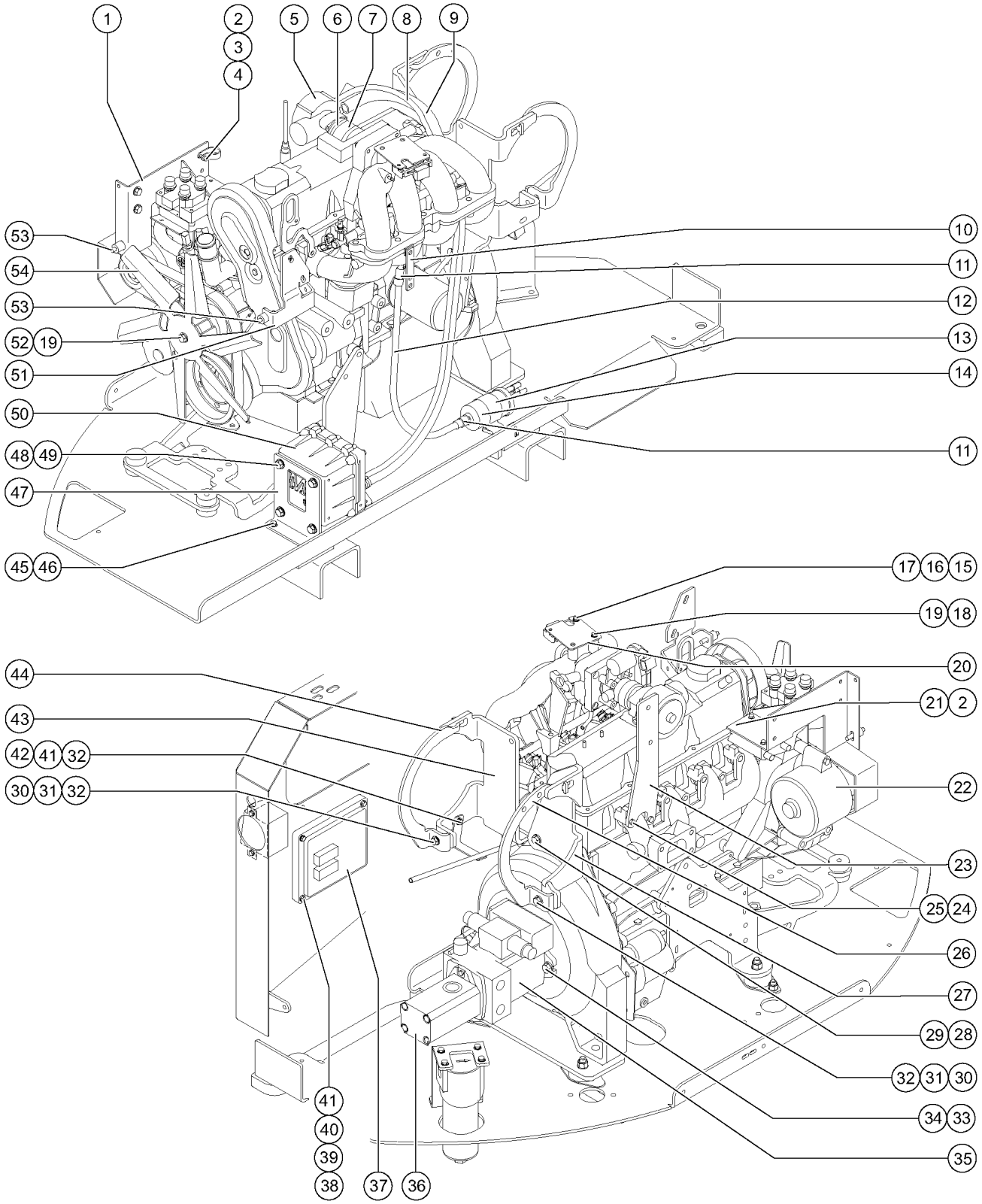
410.1 Ford LRG-425 EFI Engine - View 2 (from SN 4546)



410.1 Ford LRG-425 EFI Engine - View 2 (from SN 4546)

Item	Part No.	Description	Qty.
	65770GT	BELT,TIMING,FORD LRG423/425EFI	
1	89921GT	WELDMENT,COOLANT BOTTLE MOUNT	1
2	67537GT	SCREW,HHC,M5 X 12MM	
3	49413GT	WASHER,FLAT, M5 YELLOW ZINC	
4	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
5	106485GT	MIXER,AIR VALVE,TIER II FORD**	1
6	35434GT	CLAMP,HOSE,2.00***	2
7	102117GT	HOSE,2.0 ID X 2.0" LG	1
8	102128GT	HOSE,VAC 3/16 FORD TIER II	1
9	102119GT	HOSE,3/4,LP from regulator to mixer	8
10	102065PGT	BAR,HARNESS CONNECTOR MOUNT	1
11	65892GT	CONN. ASSY,7.9 TUBE X6.35 HOSE	1
12	71909GT	HOSE,FUEL,5/16 HIGH PRESSURE**	1
13	65453GT	BRACKET-FUEL FILTER (52567)	1
14	58967GT	FUEL PRESSURE REG,425EFI***	1
15	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
16	6146GT	WASHER,FLAT,MS,#10,Y	
17	6178GT	NUT, NYLOCK, 10-32	
18	23057GT	SCREW,HHC,M8 X 20MM	
19	49408GT	WASHER, LOCK, M8	
20	53821PGT	BRACKET,MAP SENSOR,PAINTED	1
21	49407GT	WASHER,LOCK,M6	
22	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
23	89917PGT	PLATE,AIR FILTER MOUNT,FORD	1
24	10107GT	SCREW,HHC,5/16-18 X .75	
25	6782GT	NUT, NYLOCK, 5/16-18	
26	106271PGT	CLAMP,FORD MUFFLER,PAINTED	1
27	101126PGT	FORMING,RH MUFFLER SUP PAINTED	1

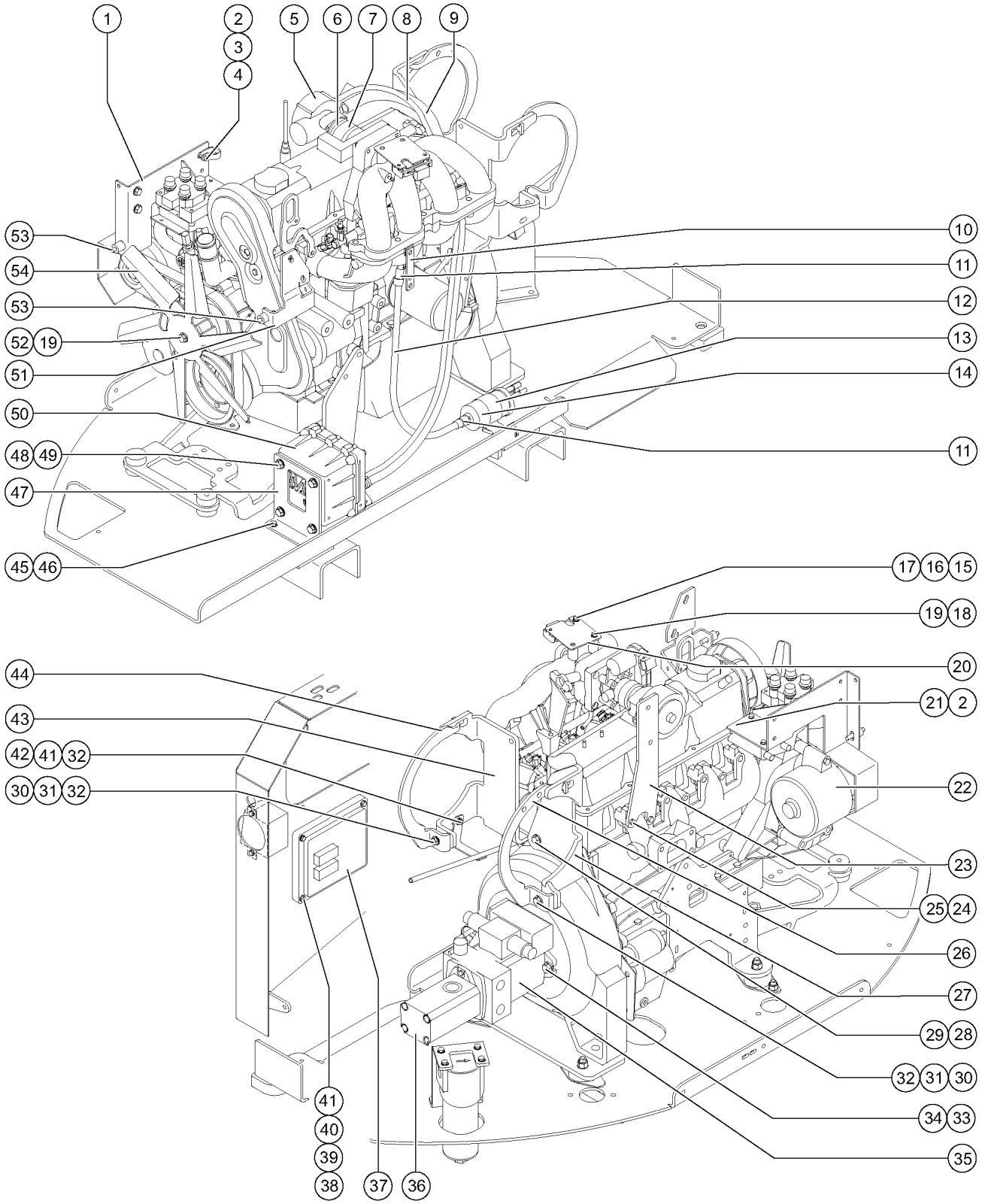
410.1 Ford LRG-425 EFI Engine - View 2 (from SN 4546)



410.1 Ford LRG-425 EFI Engine - View 2 (from SN 4546)

Item	Part No.	Description	Qty.
28	25548GT	SCREW,HHC,M10 X 40MM,GRD8	
29	22700GT	WASHER,LOCK,M10	
30	14033GT	SCREW, HHC, 3/8-16 X 2.75	
31	6097GT	WASHER, FLAT, USS, 3/8", Y	
32	4828GT	NUT, NYLOCK, 3/8-16	
33	6021GT	WASHER, LOCK, .375	
34	6175GT	SCREW,HHC,3/8-16 X 1	
35		Ref. Drive Pump (refer to 708.1)	
36		Ref. Function Pump (refer to 708.1)	
37		ENGINE PERFORMANCE MODULE T2** (no longer available)	1
37-		HARNESS,ENGINE W/RELAY BOX T2 no longer available	
37-	128903GT	JUMPER,THROTTLE BODY,FORD 2.5L	
38	6145GT	SCREW, HHC, 1/4-20 X 1.5	
39	6356GT	WASHER, LOCK, .25	
40	6090GT	SCREW, HHC, 1/4-20 X .75	
41	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
42	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
43	101127PGT	FORMING,LH MUFFLER SUPPORT PNT	1
44	101128PGT	FORMING,MUFFLER CLAMP, PAINTED	1
45	6888GT	SCREW, HHC, 1/4-20 X 1	
46	6091GT	NUT,NYLOCK,1/4-20	
47	102068PGT	FORMING,MEGAJECTOR MOUNT,PNTD	1
48	49375GT	SCREW,HHC,M6 X 16	
49	49407GT	WASHER,LOCK,M6	
50	70527GT	MEGAJECTOR,FUEL KIT	1
50-	106491GT	HARNESS,JUMPER,MEGAJECTOR	
51	102013PGT	FORMING,RADIATOR SUPPORT,LH	1
52	75185GT	SCREW,HHC,M8X1.25X 70MM,GR8.8	

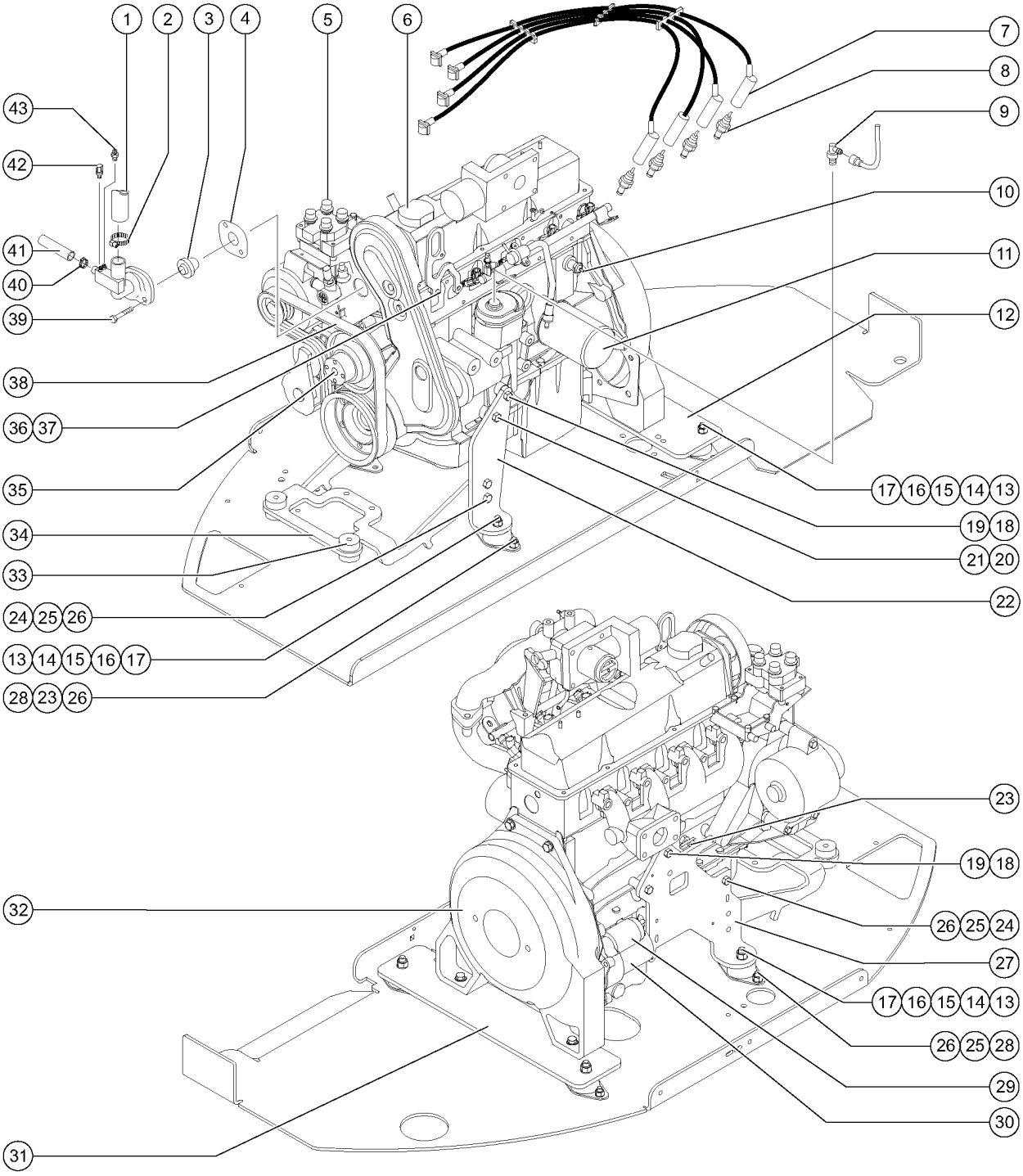
410.1 Ford LRG-425 EFI Engine - View 2 (from SN 4546)



410.1 Ford LRG-425 EFI Engine - View 2 (from SN 4546)

Item	*Part No.*	*Description*	*Qty.*
53	219437GT	ISOLATOR,VIBRATION	2
54		FAN, LSG423/LRG425 (52076) component no longer available	1
54-	70489GT	SPACER,FAN TO WATERPUMP LRG425	

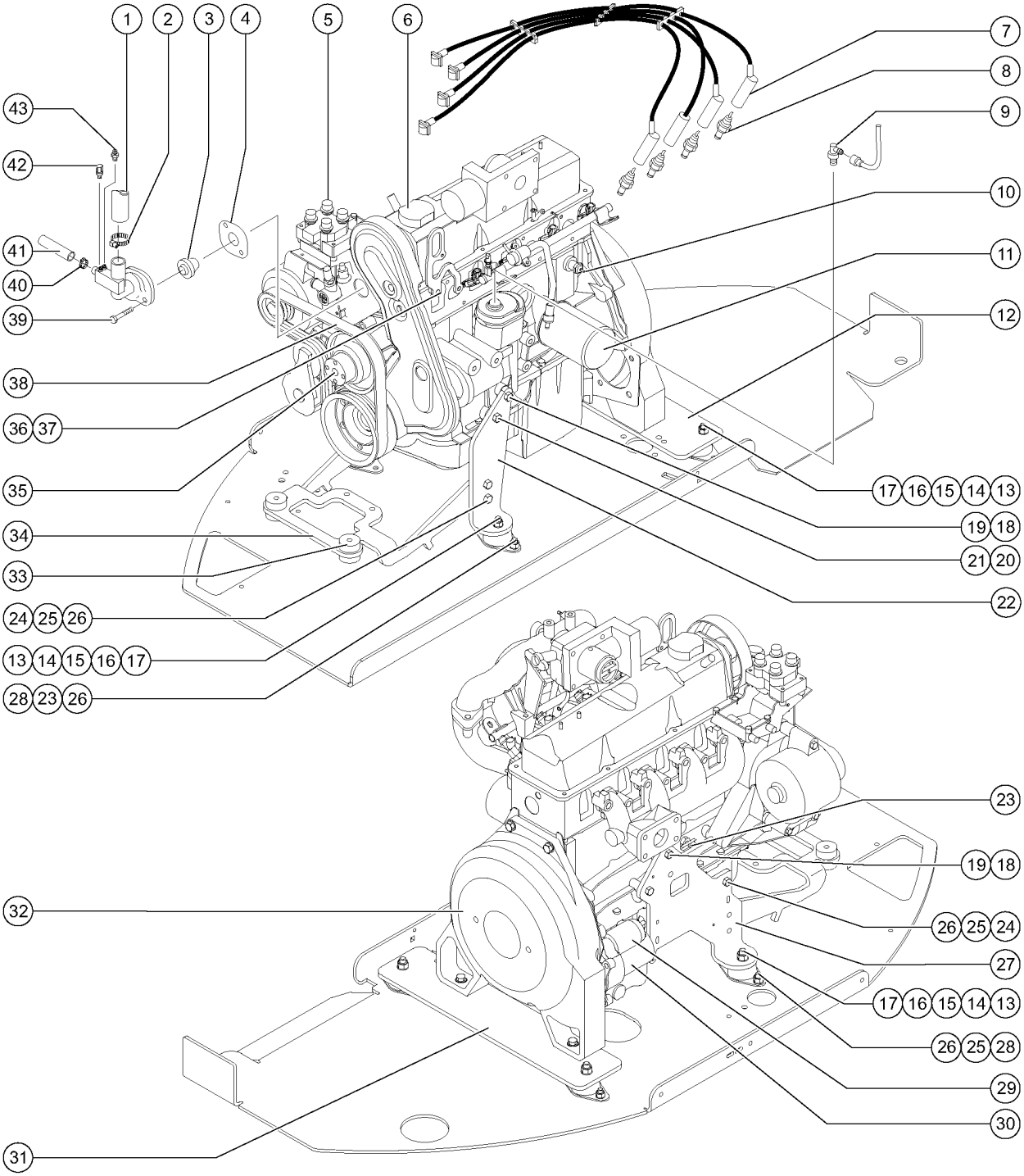
411.1 Ford LRG-425 EFI Engine - View 3 (from SN 4546)



411.1 Ford LRG-425 EFI Engine - View 3 (from SN 4546)

Item	Part No.	Description	Qty.
1		Ref. HOSE, UPPER RADIATOR refer to 409.1	1
2	22672GT	CLAMP,HOSE,1.75	1
3	33966GT	THERMOSTAT, FORD LRG	1
4	52575GT	GASKET,THERM.HSNG O-RING	1
5	33970GT	COIL, ELECTRONIC IGN., FORD	1
6	49881GT	OIL FILLER CAP FOR LRG ENGINE	1
7	52570GT	SPARK PLUG WIRE SET, LRG425EFI	1
8	106490GT	SPARK PLUG, FORD LRG425	4
9	89812GT	SWITCH,OIL PRESSURE ASSY	1
10	28656GT	FILTER,OIL,FORD Genie genuine part	1
10-	1259054GT	FILTER, OIL, FORD Genie aftermarket	
11	70423PGT	REAR ENGINE MOUNT,PAINTED	1
12	33957GT	VALVE,PCV-FORD LRG***	1
13	6198GT	NUT, NYLOCK, 1/2-13	
14	70452GT	ISOLATOR,ENGINE VIBRATION	4
15	102066PGT	CASTING,WASHER,REBOUND,PAINTED	
16	6095GT	WASHER,FLAT,USS,1/2",Y	
17	39479GT	SCREW,HHC,1/2-13 X 2.75	
18	44064GT	SCREW,HHC,M10 X 30MM,	
19	22700GT	WASHER,LOCK,M10	
20	25929GT	SCREW,HHC,M8 X 30MM,GRD 8.8	
21	49408GT	WASHER, LOCK, M8	
22	101118PGT	ENGINE MOUNT FOOT,LH PNTD	1
23	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
24	8516GT	SCREW, HCC, 3/8-16 X 1.50	
25	6097GT	WASHER, FLAT, USS, 3/8", Y	
26	4828GT	NUT, NYLOCK, 3/8-16	
27	101119PGT	ENGINE MOUNT FOOT,RH PNTD	1

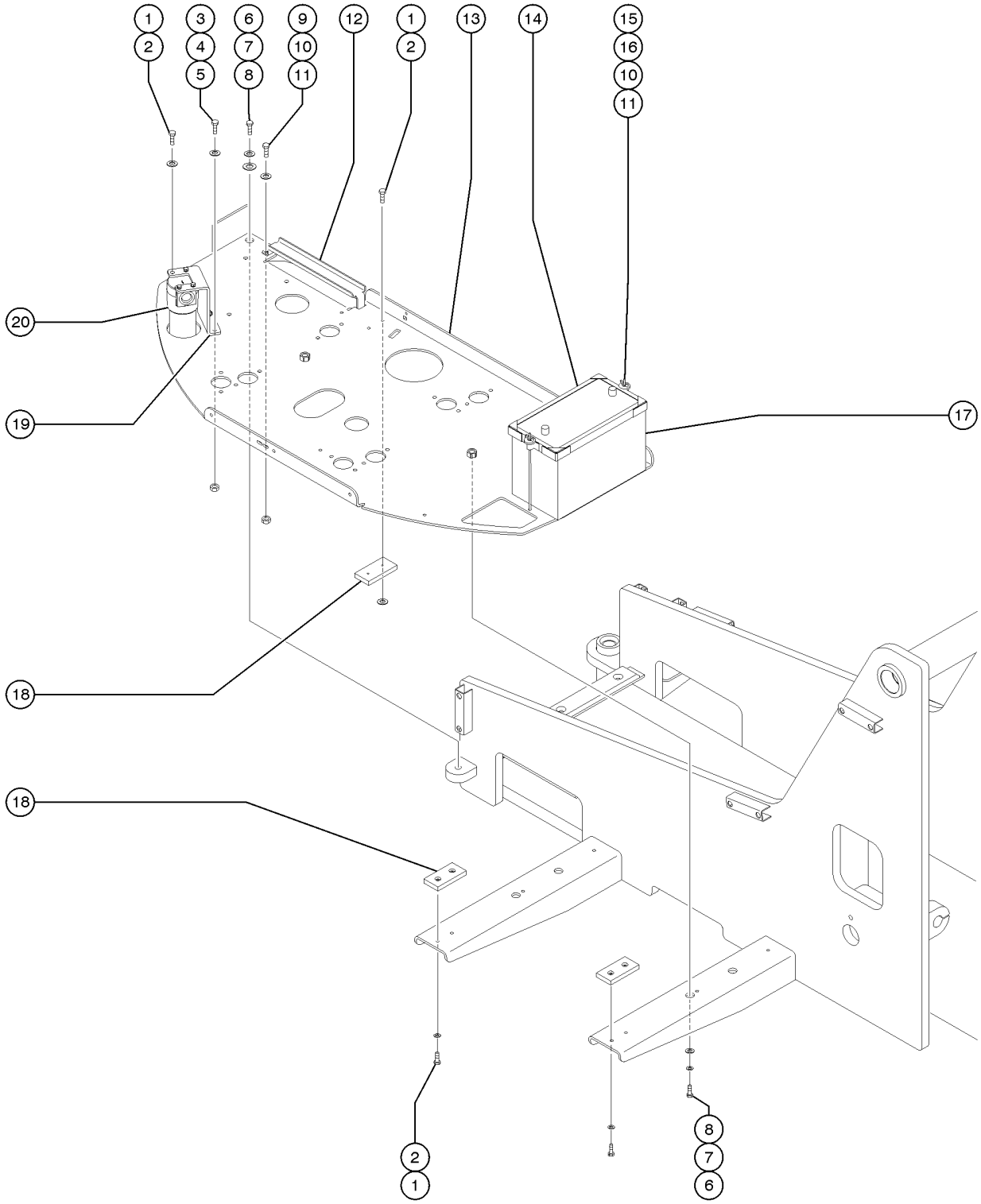
411.1 Ford LRG-425 EFI Engine - View 3 (from SN 4546)



411.1 Ford LRG-425 EFI Engine - View 3 (from SN 4546)

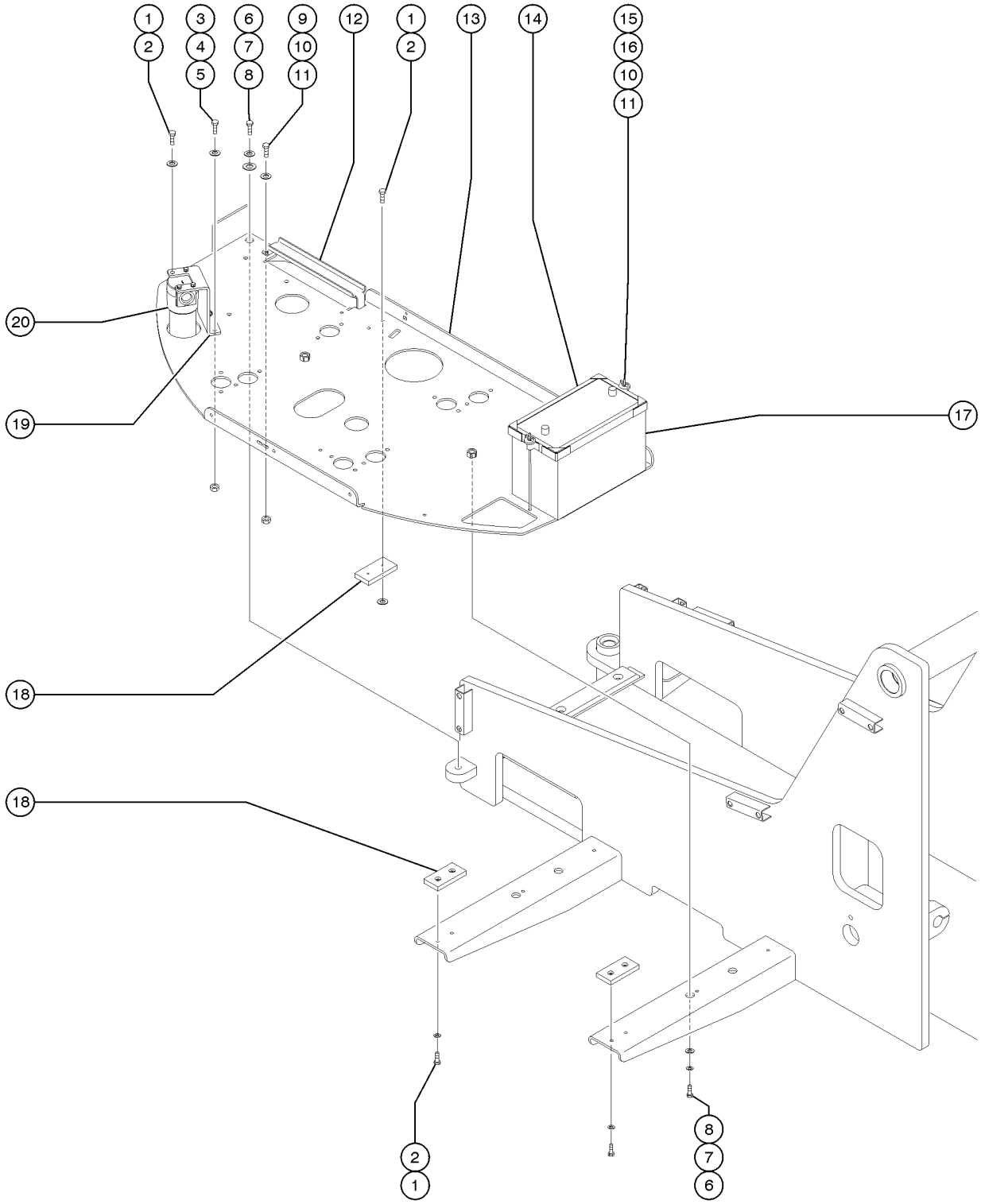
Item	Part No.	Description	Qty.
28	6175GT	SCREW,HHC,3/8-16 X 1	
29	27920GT	RELAY, STARTER, Z45GP91	1
30	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
30	29606GT	RING GEAR,FORD***	1
31	70423PGT	REAR ENGINE MOUNT,PAINTED	1
32	64079GT	BELL HOUSING KIT, FORD 425EFI kit includes; 89811 Pump Mount Housing, 89813 Flex Plate, 37003 15 tooth Hub Coupler, and 102136 Screws 7/16-14 X 1.25	1
32-	89813GT	FLEX PLATE,COUPLER (64079)	
32-	89811GT	HOUSING,PUMP MOUNT (64079)	
32-	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	
32-	102136GT	SCREW,SHC,7/16-14 X 1.25	
33	24038GT	SHOCK MOUNT,SMALL	4
33-	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
33-	4828GT	NUT, NYLOCK, 3/8-16	
34	101121PGT	FORMING,RADIATOR SUP PNTD	1
35	33963GT	PUMP, WATER, WITH GASKET	1
35-	52078GT	PULLEY,FORD ENGINE,LRG-423***	
35-	33964GT	GASKET, WATER PUMP	
36	102794GT	SCREW,HHC,M8 X1.25X40,GRD10.9	
37	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
38	52580GT	BELT,SERPENTINE,LRG425 EFI***	1
38-	65770GT	BELT,TIMING,FORD LRG423/425EFI	
39	65454GT	BOLT-FLANGE,M6 X 22MM(52573)	
40	13014GT	CLAMP,HOSE,2.25" DIA.	1
41	72358GT	WATER INLET TUBE, FORD	1
42	33972GT	SENSOR,COOLANT TEMP*	1
43	65456GT	SENDING UNIT-H20TMP LRG425EFI*	1

412.1 Engine Tray and Battery



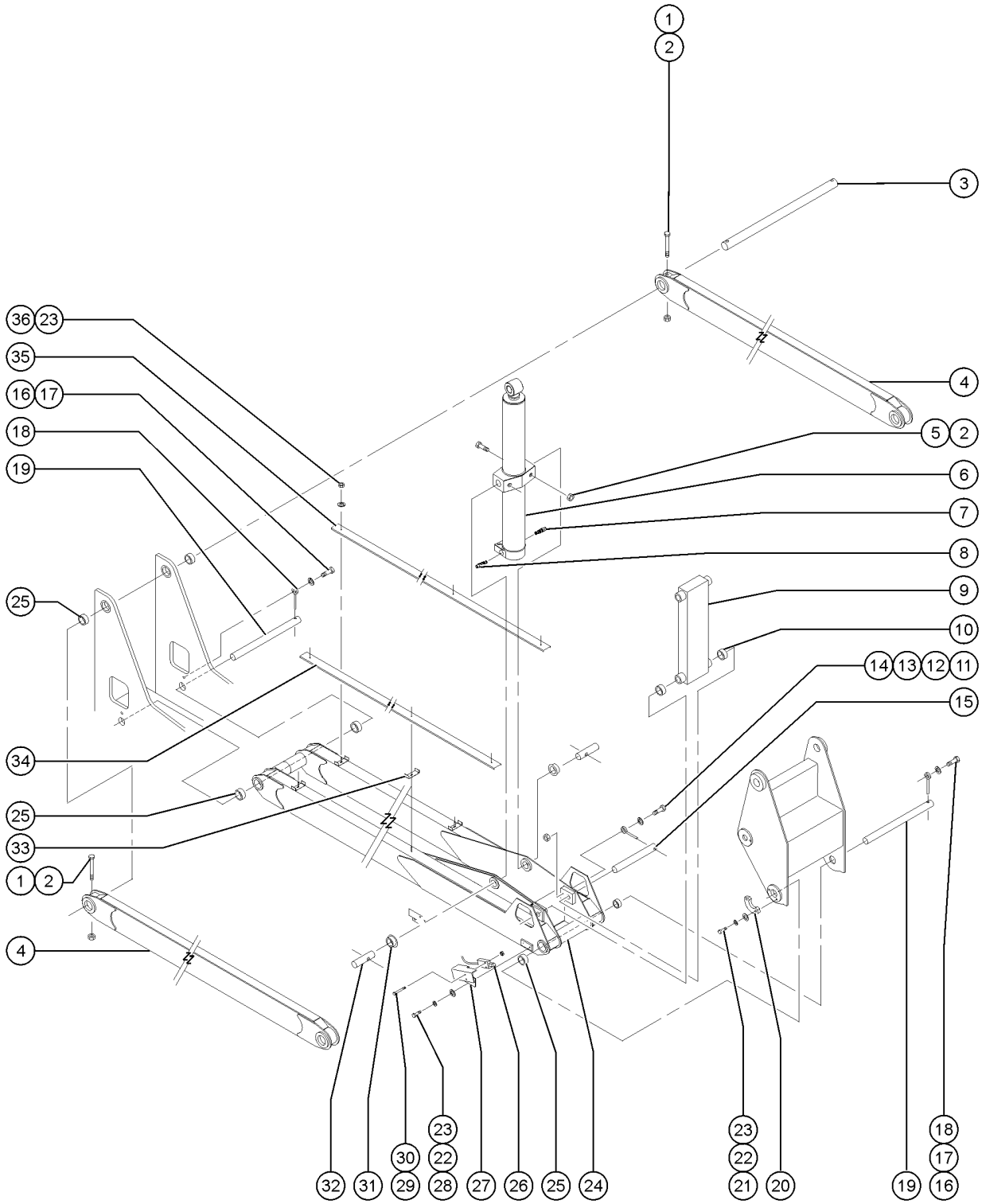
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER, LOCK, .25	
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
4	5397GT	WASHER, FLAT, USS, 5/16-18	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
7	6036GT	WASHER,LOCK,.625 PLTD	
8	13064GT	WASHER,FLAT,.625 HARDENED	3
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	6091GT	NUT,NYLOCK,1/4-20	
12	89672PGT	FORMING,HYD. HOSE RESTRAINT	1
13	75650-SGT	WELDMENT PLATE ENGINE TANK Deutz and Perkins Models	1
13-	89954GT	WELDMENT,ENGINE TRAY,Z60 Ford Models	
14	30144GT	BATTERY HOLD DOWN,GROUP 31	1
15	30784-975GT	THREADED ROD,(1/4-20),9.75	2
16	8170GT	NUT,WING,1/4-20	
17	1303581GT	BATTERY, 12V, 950CCA, FLA	1
17-	49869GT	CORROSION INHIBITOR COATING	
17-	122057GT	BATTERY CABLE,1/0 GA,BLK 48" Perkins Models	
17-	122056GT	BATTERY CABLE,1/0 GA,RED 45" Perkins Models	
17-	122058GT	BATTERY CABLE,1/0 GA,BLK 30" Deutz Models	
17-	89651GT	BATTERY CABLE,2/0,POS.RED,45" Ford Models	
17-	81563GT	BATT.CABLE,2/0,BLACK,48" Ford Models	
18	30271GT	PAD,ENGINE SLIDE	2
19	30230P-SGT	FILTER MOUNT BRACKET	1
20		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
20-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	

412.1 Engine Tray and Battery



Item	*Part No.*	*Description*	*Qty.*
20	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
20A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS ..... for 1267807	

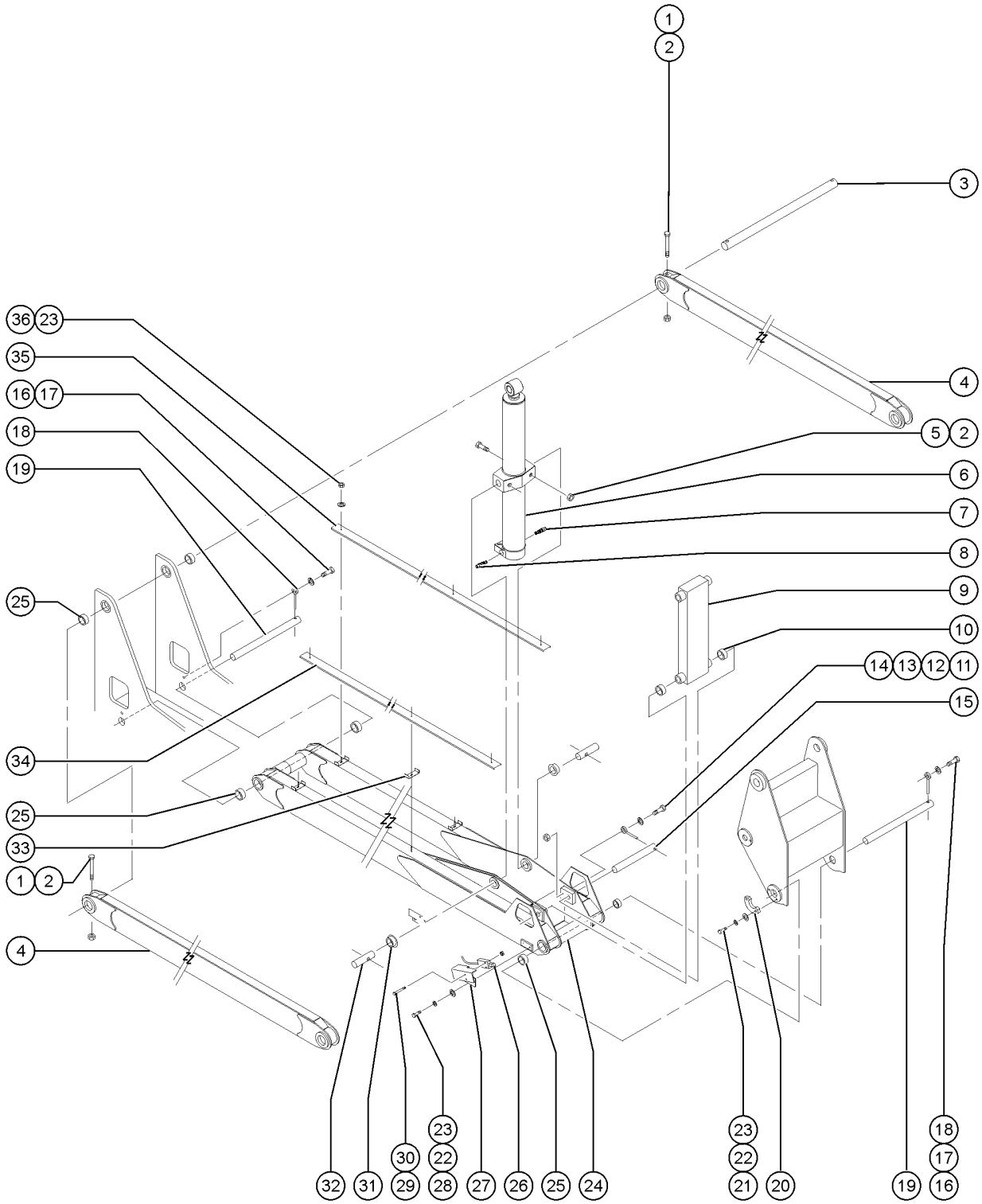
501.1 Secondary Boom - View 1



501.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
1	5387GT	SCREW,HHC,3/8-16 X 4	
2	7713GT	NUT, LP NYLOCK, 3/8-16	
3	30198GT	PIN,2.25DIAX31.75LG,2HOLE	2
4	30050-SGT	LOWER TENSION MEMBER WELDMENT	2
5	12981GT	SCREW,HHC,3/8-16 X 4.5	
6		CYLINDER, SECONDARY LIFT Z60 previous cylinders 63208 and 121854 are no longer available. For replacement order cylinder part 1264387	1
6A-	1264387GT	CYLINDER, SECONDARY LIFT Z60	
6B-	63348GT	SEAL KIT,CYL,Z60 (63208) used with cylinders 63208, 121854 and 126437	
6C-	31310GT	BEARING,GARLOCK,28DU24 used with cylinders 63208 and 121854	1
6D-	1262633GT	BUSHING,POLYGON,BM5120 used with cylinder 126437	
6E-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000** (not shown) use with cylinder part 63208	1
7	40405GT	VALVE,CNTERBAL.CBBB-LHN@3000** used with cylinder 121854 and 1264387 (Extend)	1
8	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000 used with cylinder 121854 and 1264387 (Retract)	1
9	31306GT	CONNECTING LINK ASSY includes item 10	
10	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	1
11	6326GT	SCREW,HHC,3/8-16 X 3	4
12	5397GT	WASHER, FLAT, USS, 5/16-18	
13	825019GT	ROD END, .375X3.69, ZAG	
14	4828GT	NUT, NYLOCK, 3/8-16	1
15	30202GT	PIN,1.25DIAX14.12LG,1HOLE	2
16	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
17	6033GT	WASHER,LOCK,0.5"	
18	1256267GT	ROD END,.5 X 3.75,ZAG	2
19	30201GT	PIN,2.25DIAX24.63LG,1HOLE	2
20	46005GT	LOWER LIMIT SWITCH CAM	1
21	6888GT	SCREW, HHC, 1/4-20 X 1	
22	6356GT	WASHER, LOCK, .25	
23	6638GT	WASHER, FLAT, USS, 1/4"Y	

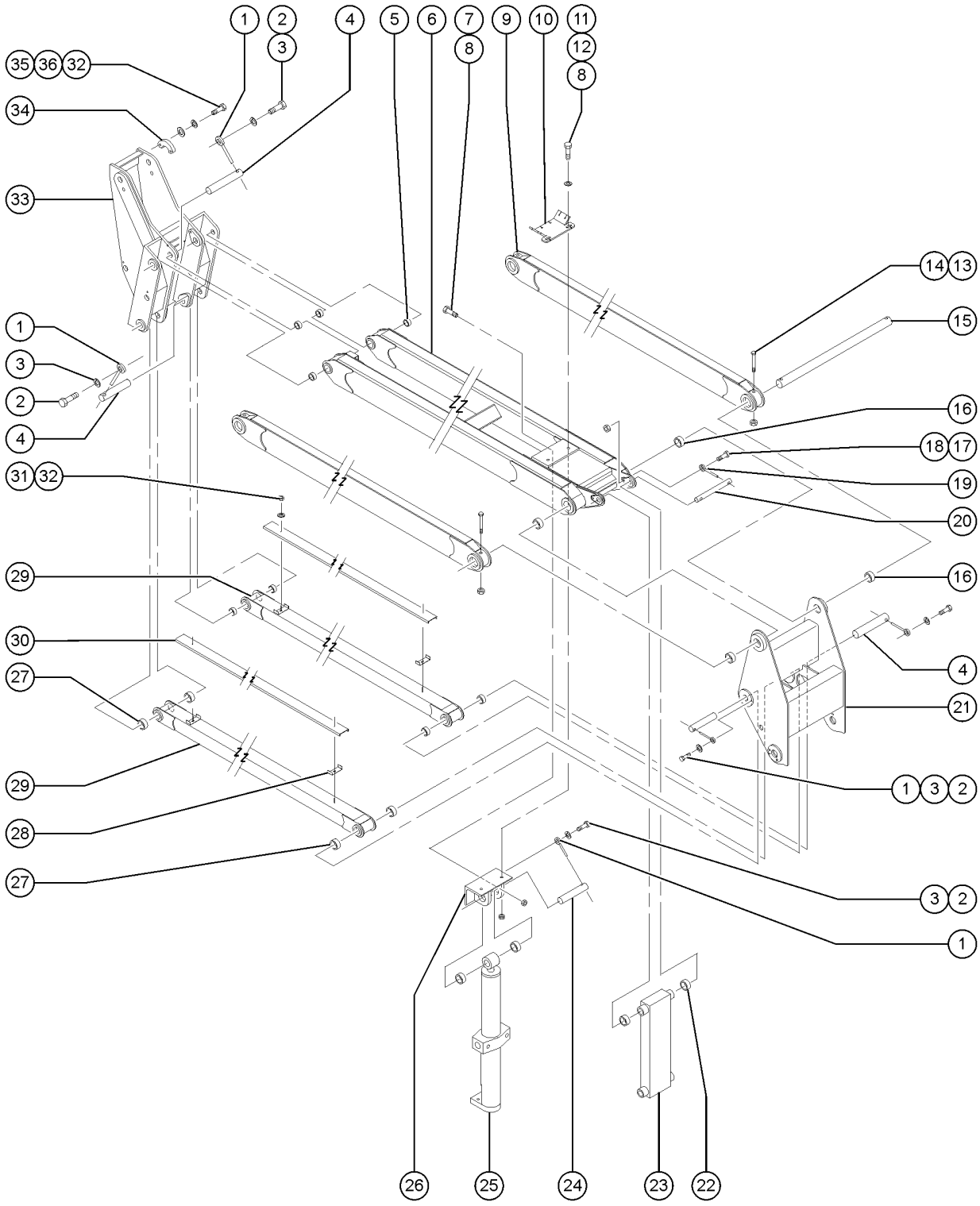
501.1 Secondary Boom - View 1



501.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
24	102984GT	LOWER SEC. BM ASSY W/ WORD DEC includes items 25 and 31	1
24-	102985GT	LOWER SEC BM ASSY W/SYM DECALS includes items 25 and 31	
25	18722GT	BEARING,2.25IDX2.50ODX1.50L***	6
26	102174GT	HARNESS,SECONDRY BOOM STOW,Z60	1
26-	88356-146R3GT	SWITCH,LIMIT,W/ROLLER ARM	
26-	110650GT	CONN. SQZ PG11 .30-.40 W/ORING	
26-	19491GT	CONTACTOR,LIMIT SWITCH	
27	226419GT	BRKT.,LWR LIMIT SWITCH	1
28	8914GT	SCREW, HHC, 1/4-20 X .625	
29	22541GT	SCREW,RHM,10-32 X 1.5	
30	6178GT	NUT, NYLOCK, 10-32	
31	27695GT	BEARING,FL,1.75IDX1.94ODX1.50L	2
32	30199GT	PIN,1.75 DIAX4.50LG,THREADED	2
33	102776PGT	CABLE COVER CLIP,PNTD	14
34	102774PGT	COVER,CABLE,TANK SIDE,LH,PNTD ground controls/tank side	1
35	102775PGT	COVER,CABLE,ENGINE SIDE,RH,PTD engine side	1
36	6091GT	NUT,NYLOCK,1/4-20	

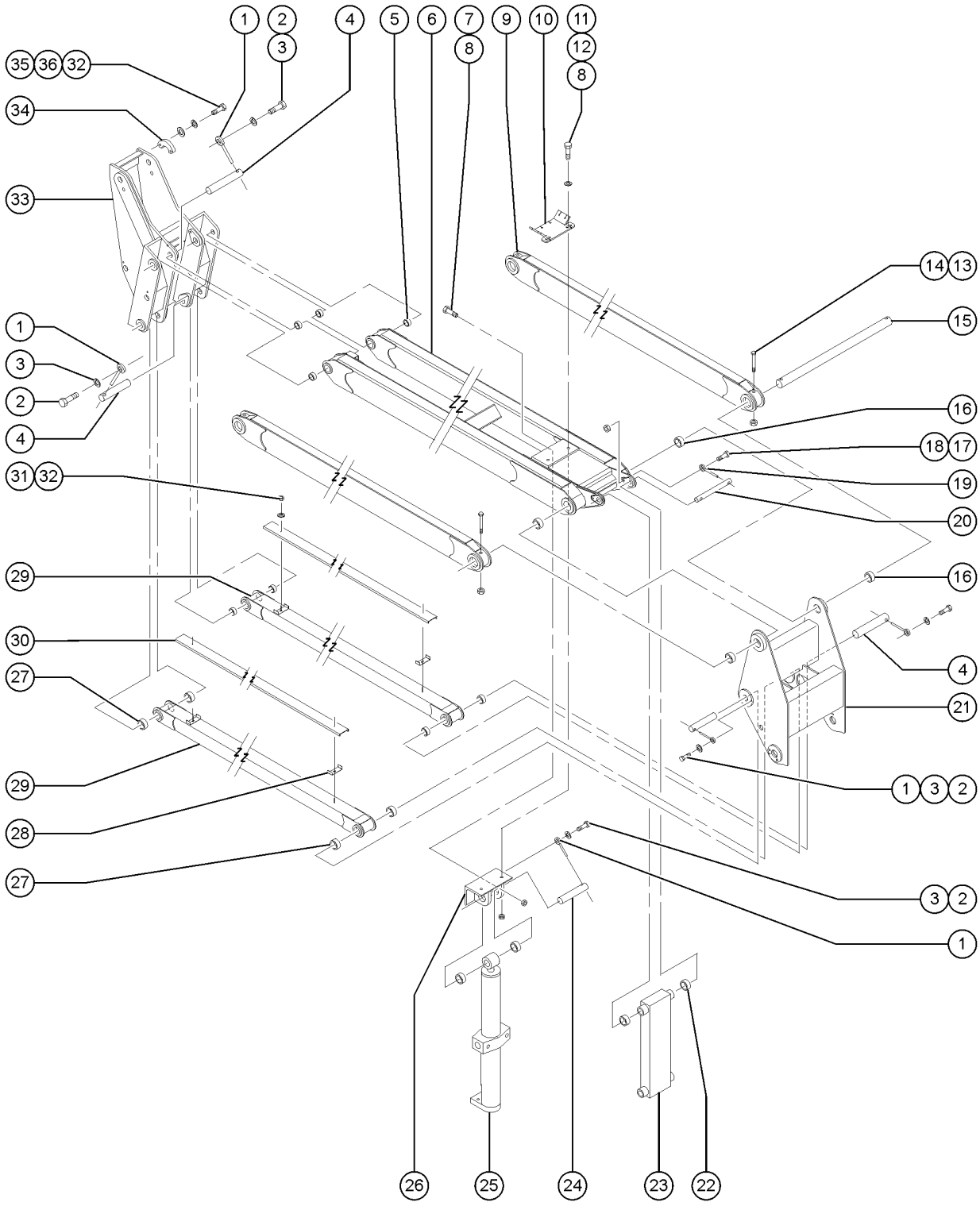
502.1 Secondary Boom - View 2



502.1 Secondary Boom - View 2

Item	Part No.	Description	Qty.
1	1256267GT	ROD END,.5 X 3.75,ZAG	5
2	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
3	6033GT	WASHER,LOCK,0.5"	
4	30193GT	PIN,1.75DIAX8.50LG,1HOLE	5
5	119620GT	BEARING,1.75IDX2.00ODX1.50L	12
6	111373GT	Z60 UPPER SECONDARY BOOM ASSY (includes items 5 and 16)	
7	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	
8	6024GT	NUT,NYLOCK,5/8-11	
9	30050-SGT	LOWER TENSION MEMBER WELDMENT	2
10		Ref. Primary Boom Rest (refer to 504.1)	
11	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	
12	13064GT	WASHER,FLAT,.625 HARDENED	2
13	5387GT	SCREW,HHC,3/8-16 X 4	
14	7713GT	NUT, LP NYLOCK, 3/8-16	
15	30198GT	PIN,2.25DIAX31.75LG,2HOLE	2
16	18722GT	BEARING,2.25IDX2.50ODX1.50L***	4
17	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
18	4828GT	NUT, NYLOCK, 3/8-16	
19	825019GT	ROD END, .375X3.69, ZAG	1
20	30202GT	PIN,1.25DIAX14.12LG,1HOLE	1
21	31309GT	LOWER MIDPIVOT ASSY,Z60 (includes item 16)	1
22	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
23	31306GT	CONNECTING LINK ASSY (includes item 22)	1
24	30328GT	PIN,1.75DIAX6.00LG,1HOLE	1
25		Ref. Secondary Boom Lift Cylinder (refer to 501.1)	
26		WELDMENT, CYLINDER MOUNTING no longer available	1
27	119620GT	BEARING,1.75IDX2.00ODX1.50L	12
28	102776PGT	CABLE COVER CLIP,PNTD	14

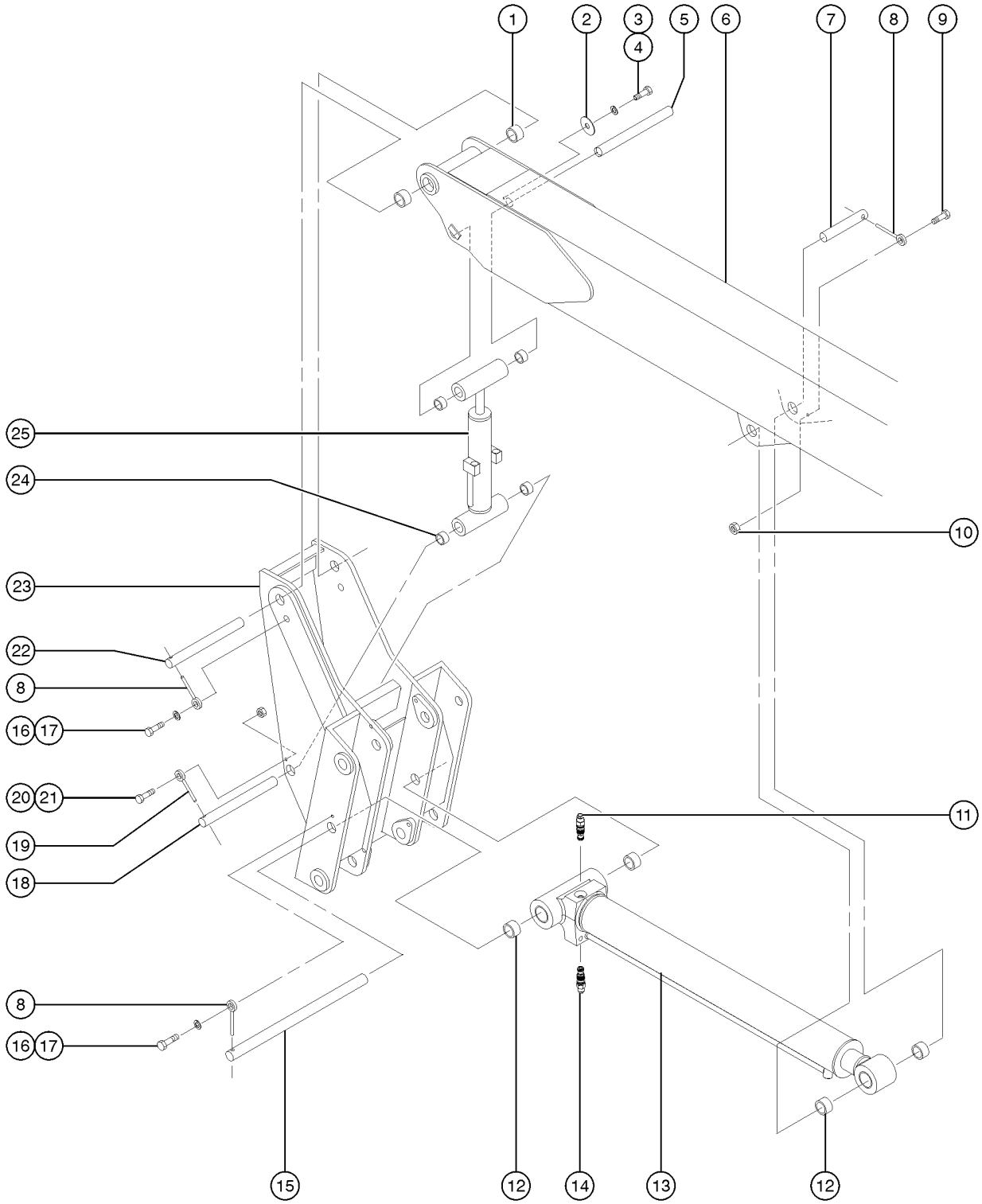
502.1 Secondary Boom - View 2



502.1 Secondary Boom - View 2

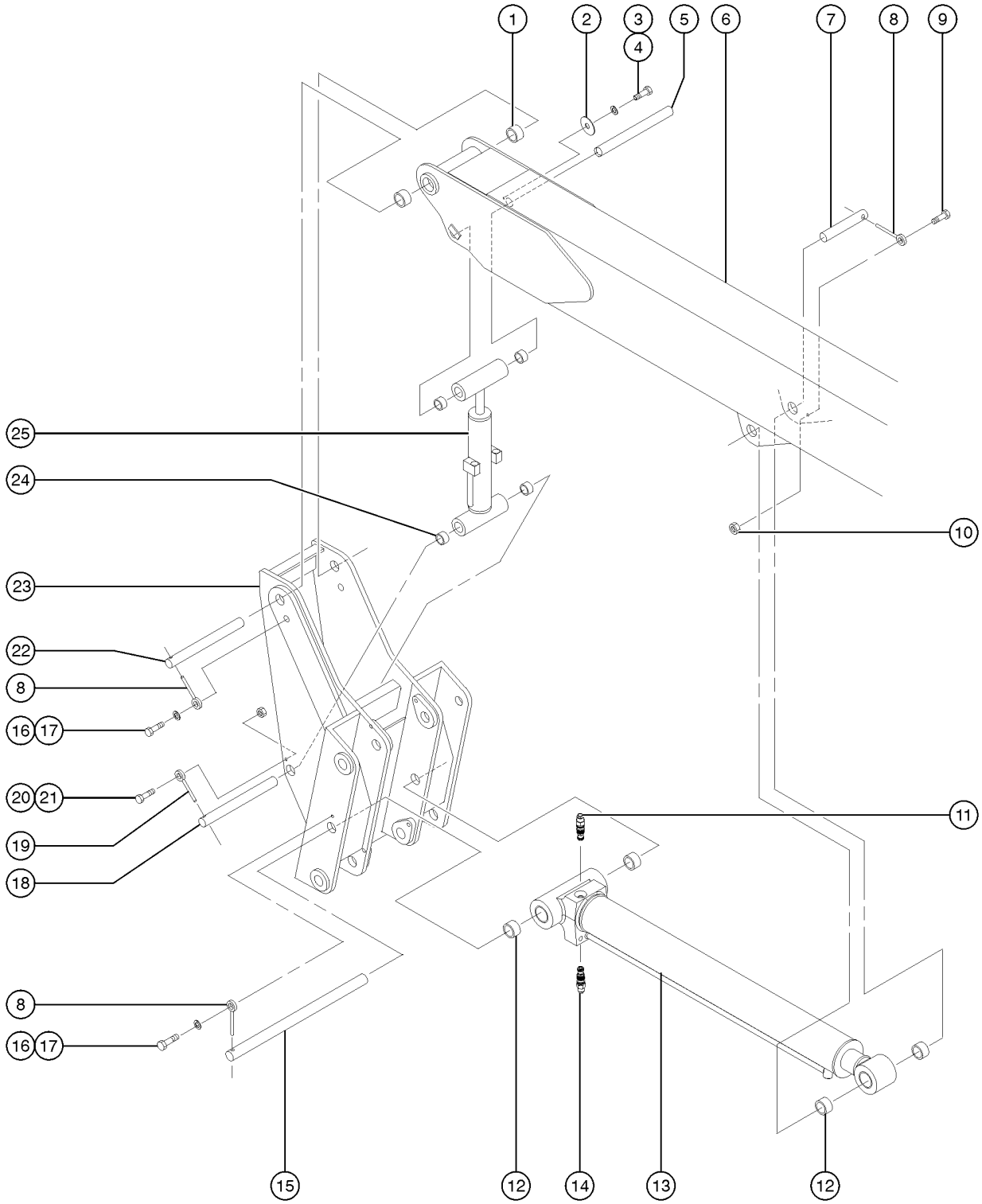
Item	Part No.	Description	Qty.
29	31307GT	UPPER LEVELING LINK ASSY (includes item 5)	2
30	102773PGT	COVER,CABLE,UPR TNSN ARM,PTND	2
31	6091GT	NUT,NYLOCK,1/4-20	
32	6638GT	WASHER, FLAT, USS, 1/4"Y	
33	30052PGT	UPPER PIVOT WELDMENT,PAINTED	1
34	46004GT	UPPER LIMIT SWITCH CAM	1
35	6888GT	SCREW, HHC, 1/4-20 X 1	
36	6356GT	WASHER, LOCK, .25	

503.1 Upper Pivot



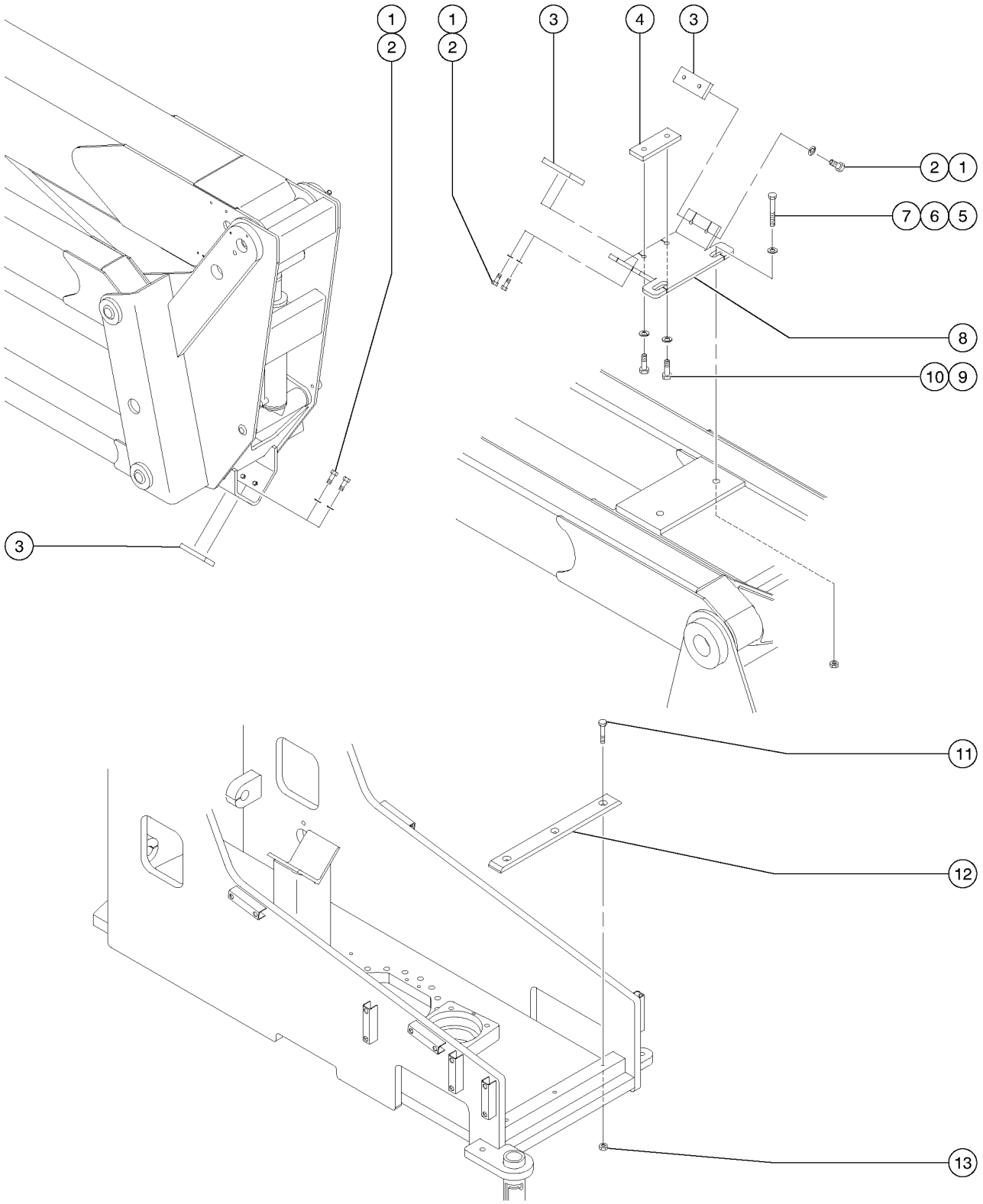
Item	Part No.	Description	Qty.
1	119620GT	BEARING,1.75IDX2.00ODX1.50L	2
2	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
3	7339GT	SCREW,HHC,1/4-20 X .5	
4	6356GT	WASHER, LOCK, .25	
5	30192GT	PIN,MASTER CYLINDER	1
6		Ref. Primary Boom Tube Assembly (refer to 505.1)	
7	30194GT	PIN,1.75DIAX5.25LG,1HOLE	1
8	1256267GT	ROD END,.5 X 3.75,ZAG	3
9	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
10	6198GT	NUT, NYLOCK, 1/2-13	
11	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000 use with cylinder part 121853 and 1264388	
12	31310GT	BEARING,GARLOCK,28DU24 use with cylinder part 63207 and 121853	4
12-	1262633GT	BUSHING,POLYGON,BM5120 use with cylinder part 1264388	
13		CYLINDER, LIFT Previous cylinders part 63207 and 121853 are no longer available. For replacement order cylinder part 1264388	
13-	1264388GT	CYLINDER, PRIMARY LIFT Z60	
13-	63347GT	SEAL KIT CYL.Z60(63207)	
14	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000** (not shown) use with cylinder part 63207	
14-	40405GT	VALVE,CNTERBAL.CBBB-LHN@3000** use with cylinder part 121853 and 1264388	
15	30195GT	PIN,1.75DIAX18.13LG,1HOLE	1
16	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
17	6033GT	WASHER,LOCK,0.5"	
18	30196GT	PIN,1.25DIAX11.50LG,1HOLE	1
19	825019GT	ROD END, .375X3.69, ZAG	1
20	8516GT	SCREW, HCC, 3/8-16 X 1.50	
21	4828GT	NUT, NYLOCK, 3/8-16	
22	30191GT	PIN,1.75DIAX13.50LG,1HOLE	1
23	30052PGT	UPPER PIVOT WELDMENT,PAINTED	1
24	65463GT	BEARING,GARLOCK 20DU12	4

503.1 Upper Pivot



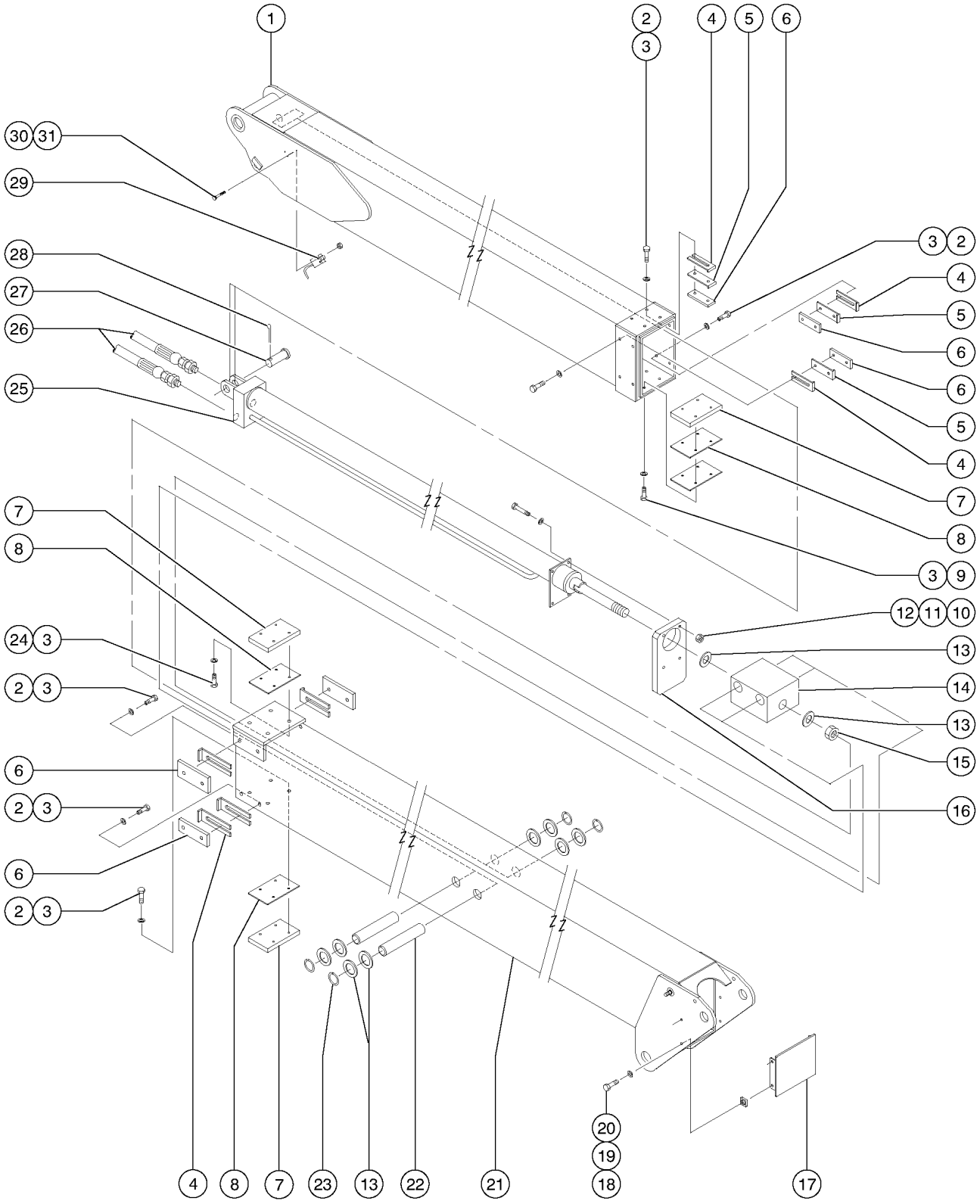
Item	*Part No.*	*Description*	*Qty.*
25	63211GT	CYLINDER, MASTER ..... includes item 24	1
25-	63351GT	SEAL KIT,CYL,Z60 (63211)	

504.1 Upper Pivot and Primary Boom Rests



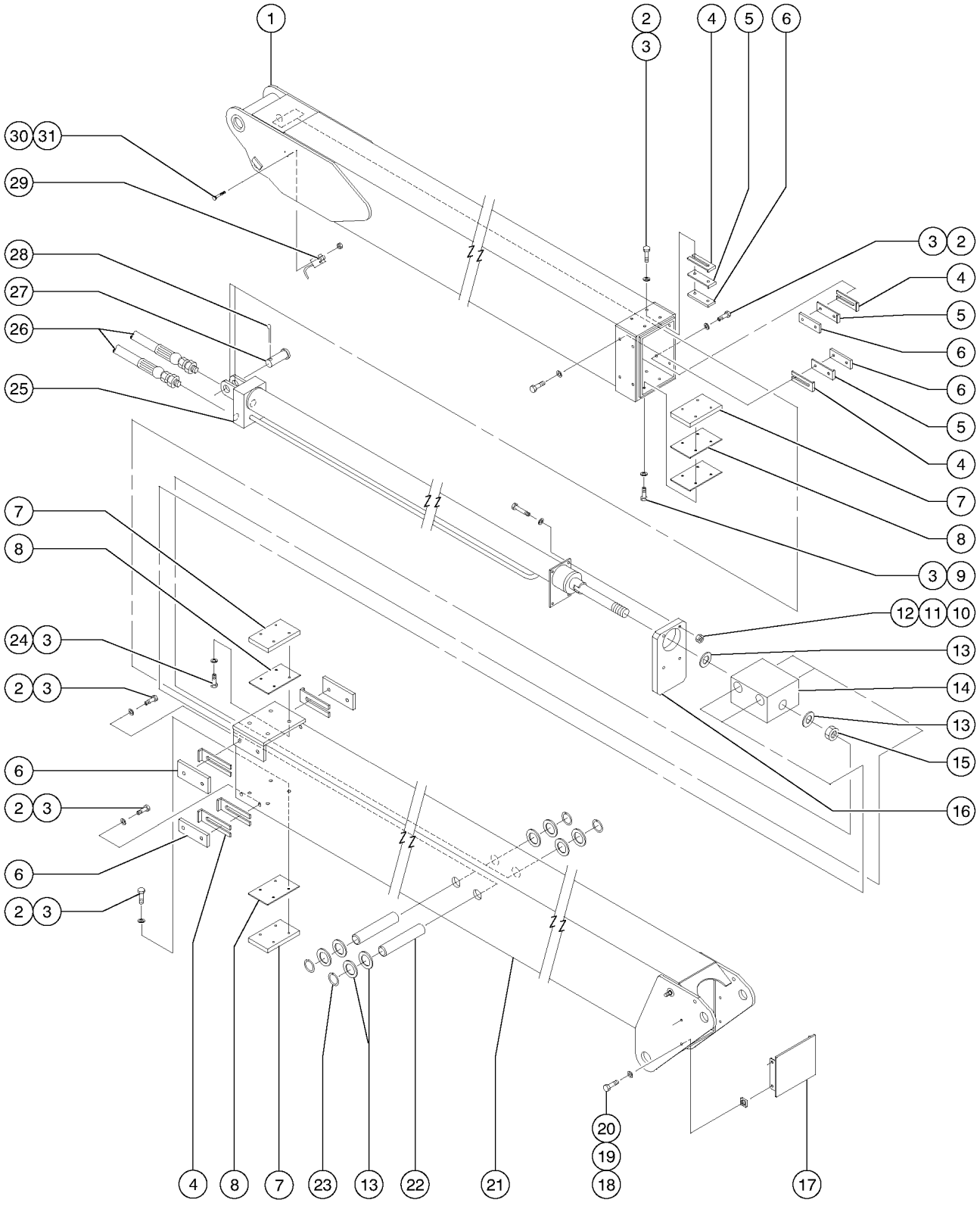
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER, LOCK, .25	
3	45209GT	WEAR PAD,4X2X.5 W/INSERT***	4
4	53811GT	WEAR PAD,5X1.5X1 W/INSERTS	1
5	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	2
6	13064GT	WASHER,FLAT,.625 HARDENED	2
7	6024GT	NUT,NYLOCK,5/8-11	
8	30333PGT	PRIMARY BOOM REST,PAINTED	1
9	6175GT	SCREW,HHC,3/8-16 X 1	
10	6021GT	WASHER, LOCK, .375	
11	17712GT	SCREW,FHS,3/8-16 X 1.75	
12	63374GT	WEAR PAD, BOOM REST	1
13	4828GT	NUT, NYLOCK, 3/8-16	

505.1 Primary and Extension Booms



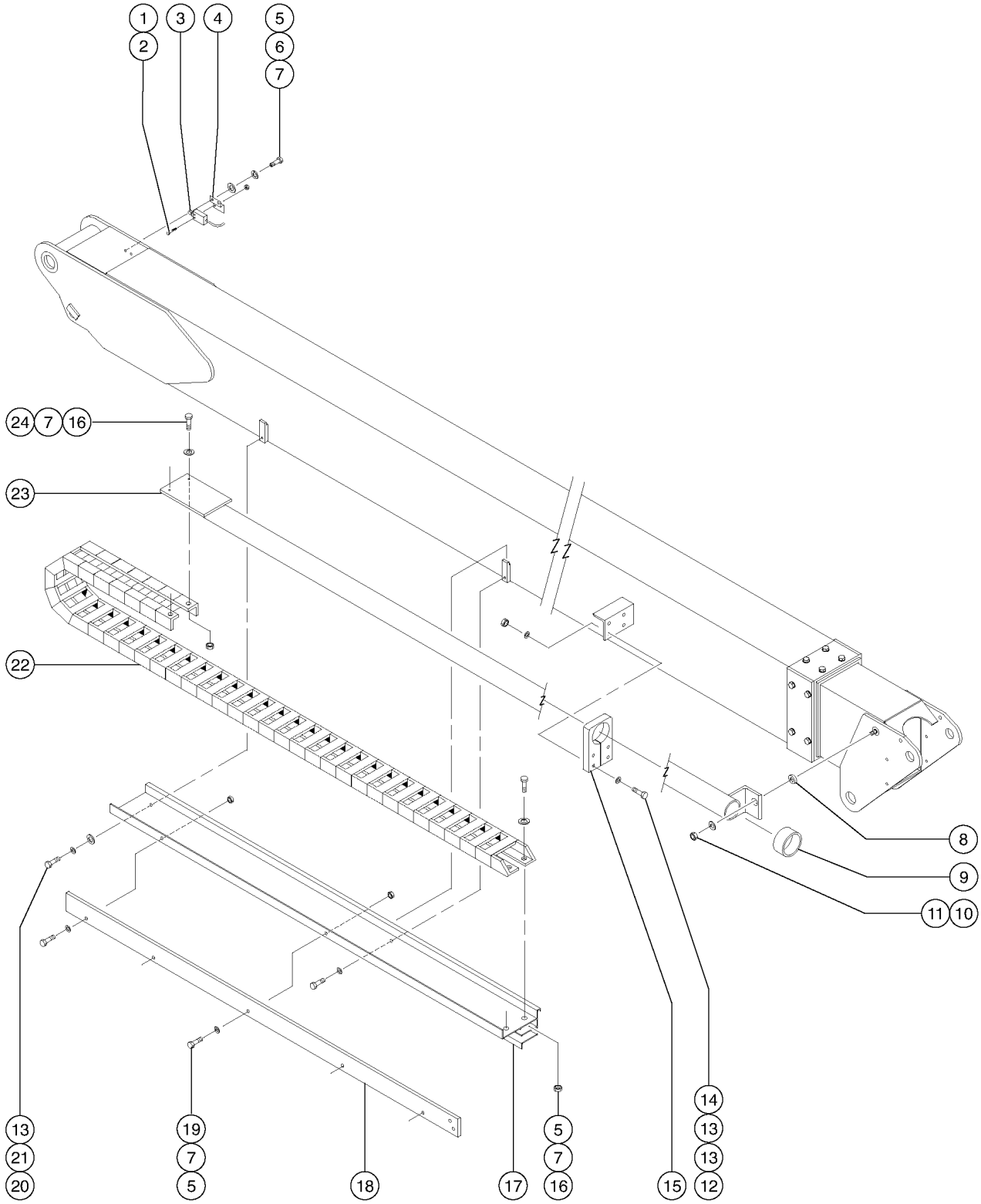
Item	Part No.	Description	Qty.
1	102986GT	PRI BOOM TUBE ASSY W/WORD DECA	1
1-	102987GT	PRI BOOM TUBE ASSY W/SYM DECAL	
2	6175GT	SCREW,HHC,3/8-16 X 1	
3	6021GT	WASHER, LOCK, .375	
4	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	
5	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
6	30137GT	WEAR PAD,5 X 1.5 X .50 W/NUTS	9
7	30139GT	WEAR PAD,6.5 X 5 X.625 W/INSER	3
8	30472GT	SHIM,PRIMARY BOOM,.064 THK.	
9	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
10	6091GT	NUT,NYLOCK,1/4-20	
11	6638GT	WASHER, FLAT, USS, 1/4"Y	
12	8179GT	SCREW,HHC,1/4-20 X 2.25	
13	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
14	30116GT	CYLINDER MOUNT BAR	1
15	45303GT	NUT,NYLOCK,1.125-12	
16	30272GT	PAD,EXTENSION CYLINDER	1
17	30021GT	EXTENSION TUBE END CAP	1
18	6888GT	SCREW, HHC, 1/4-20 X 1	
19	6356GT	WASHER, LOCK, .25	
20	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
21	31086GT	EXTENSION BOOM TUBE ASSY,Z60	1
21-	30434GT	BEARING,1.25IDX1.50ODX0.88L	
22	30186GT	PIN,1.25DIAX6.67LG,2RING	2
23	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	4
24	8255GT	SCREW,HHC,3/8-16 X .75	
25	111177GT	CYL,EXT,2.5 X 112.25,Z60 replaces older cylinder 89060	1
25A-	36648GT	VALVE,COUNTERBALANCE 2500 PSI* use with cylinder 111177 (extend)	

505.1 Primary and Extension Booms



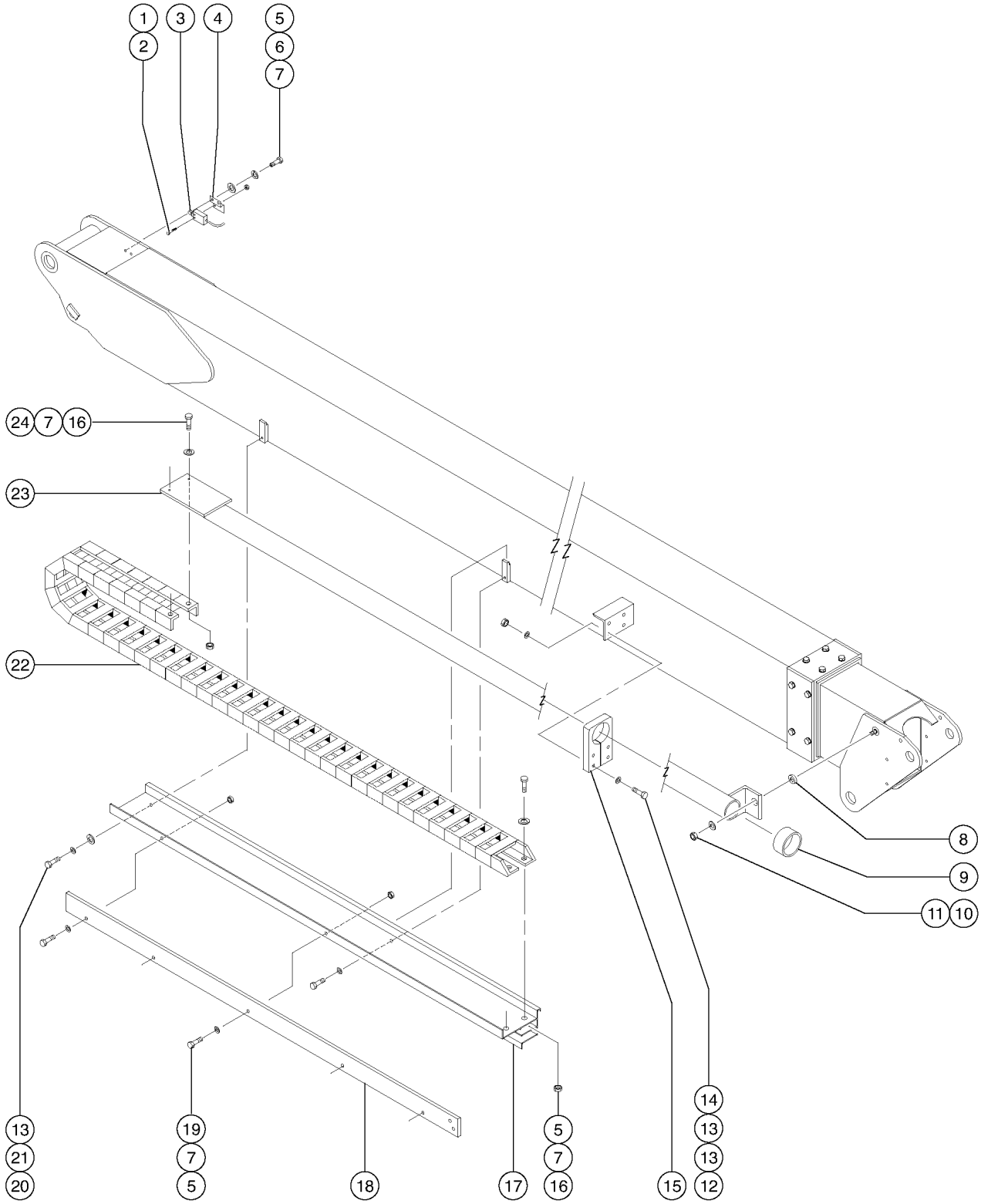
Item	Part No.	Description	Qty.
25B-	74872GT	VALVE,COUNTERBALANCE 3000 PSI* ..... use with cylinder 111177 (retract)	
25C-	89296GT	SEAL KIT,CYLINDER (89060) ..... use with cylinders 89060 and 111177	
25D-	31082GT	VALVE,COUNTERBALANCE 2500 PSI* ..... use with cylinder 89060 (retract)	
25E-	75849GT	VALVE,COUNTERBALANCE 2500PSI ..... use with cylinder 89060 (extend)	
26		Ref. Hydraulic Hoses and Fittings (refer to 713.1)	
27	19440GT	PIN,CLEVIS,1 X 2.5 LG	1
28	74389GT	RUE RING 1.00	1
29	89186GT	HARNESS,BOOM RETRACTED,Z60 ..... to SN 4495	1
29-	102175GT	HARNESS,BOOM RETRACT, Z60 ..... from SN 4496	
29-	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	
29-	19491GT	CONTACTOR,LIMIT SWITCH	
29-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
29-	97128GT	ROLLER ARM,LIMIT SWITCH***	
30	22541GT	SCREW,RHM,10-32 X 1.5	
31	6178GT	NUT, NYLOCK, 10-32	

506.1 Cable Track



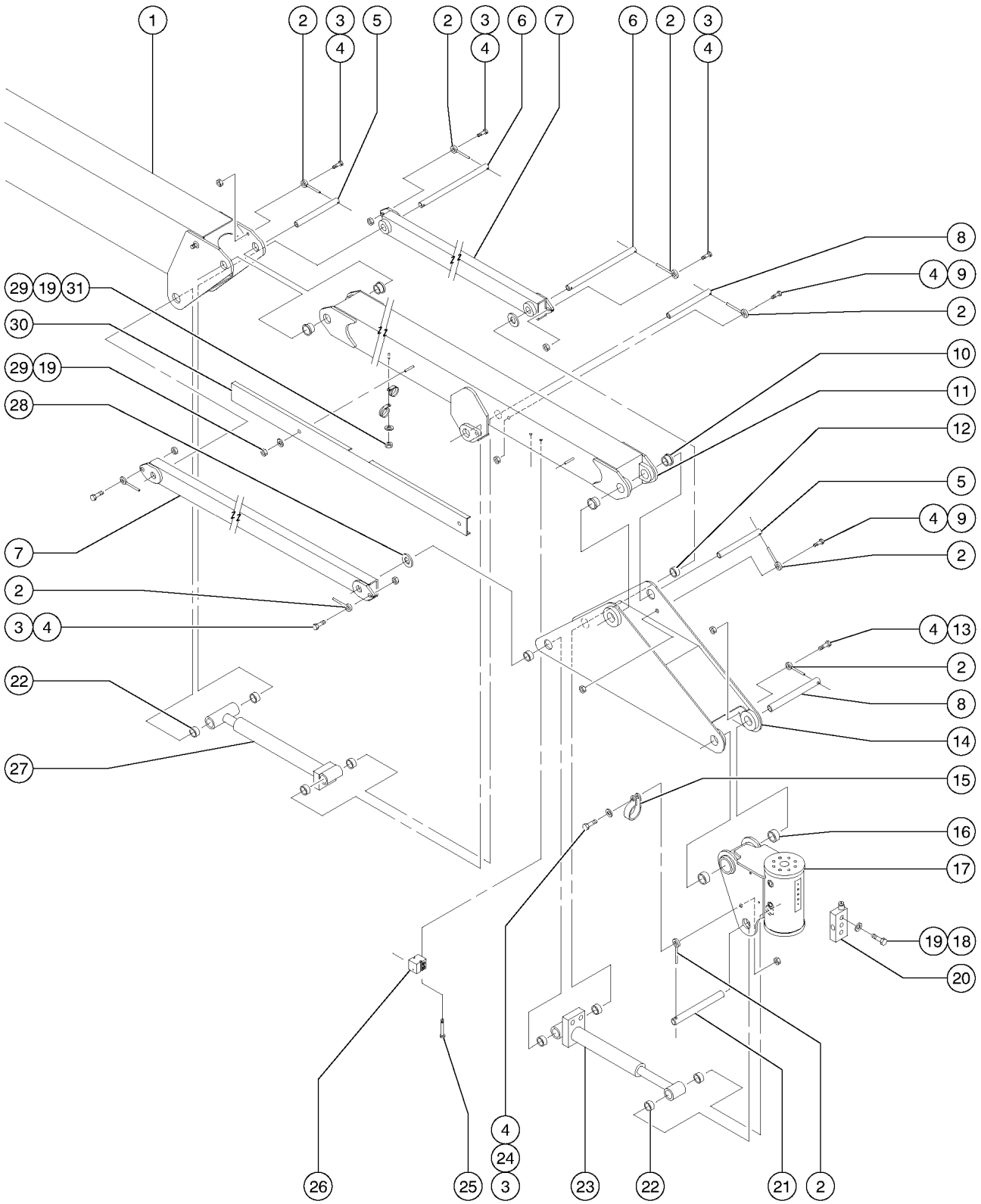
Item	Part No.	Description	Qty.
1	22541GT	SCREW,RHM,10-32 X 1.5	
2	6178GT	NUT, NYLOCK, 10-32	
3	89184GT	HARNESS,PRIMARY BOOM,STOW,Z60 to SN 4495	1
3-	102173GT	HARNESS,PRIMARY BOOM STOW,Z60 from SN 4496	
3-	88356-146R3GT	SWITCH,LIMIT,W/ROLLER ARM	
3-	19491GT	CONTACTOR,LIMIT SWITCH	
4	46002PGT	UPPR. LIMIT SWITCH BRKT.,BLUE	1
5	8914GT	SCREW, HHC, 1/4-20 X .625	
6	6356GT	WASHER, LOCK, .25	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	30388GT	PIVOT TUBE/SPACER Z60	2
9	30387GT	CABLE PROTECTOR	1
10	6198GT	NUT, NYLOCK, 1/2-13	
11	6095GT	WASHER,FLAT,USS,1/2",Y	
12	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	4
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14	7713GT	NUT, LP NYLOCK, 3/8-16	
15	30389GT	TRACK TUBE GUIDE	1
16	6091GT	NUT,NYLOCK,1/4-20	
17	102529GT	CABLE TRACK CHANNEL ASSY,Z-60	1
17-	27258GT	TRIM,RUBBER EDGE,5/8 (BY INCH) order as needed	
18	102703GT	COVER,DRILLED***	1
19	6889GT	NUT,LP NYLOCK,1/4-20	
20	8255GT	SCREW,HHC,3/8-16 X .75	
21	6021GT	WASHER, LOCK, .375	
22	30377GT	TRACK,PLASTIC CABLE,43 LINKS	1
22-	58919GT	REPAIR LINK,7 LINKS***	
22-	58927GT	LINK,NYLATRAC KS6-5.4***	

506.1 Cable Track



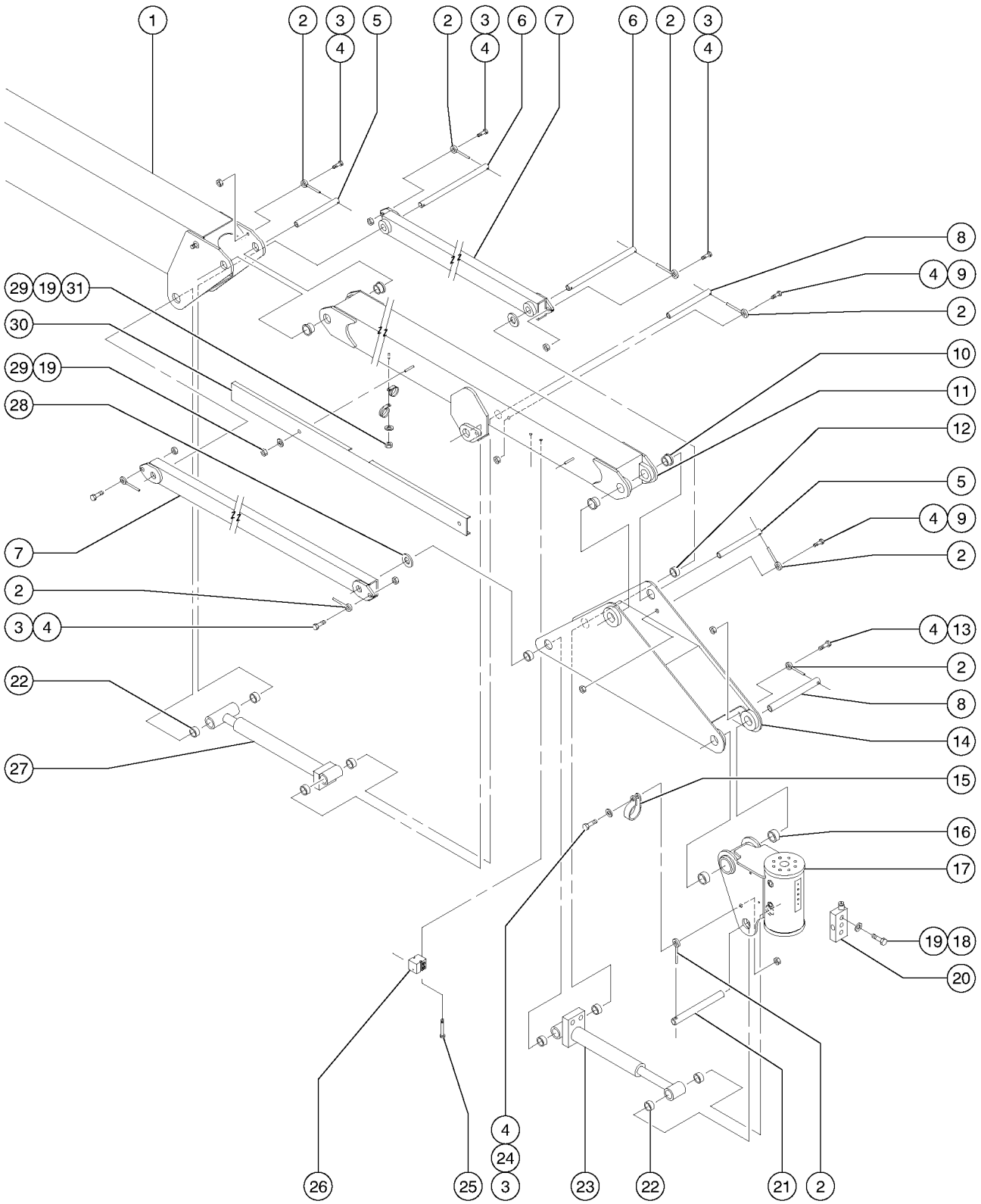
Item	*Part No.*	*Description*	*Qty.*
22-	58920GT	REPAIR LINK END SET (42763)*	
23	30315GT	TRACK TUBE WELDMENT	1
24	6888GT	SCREW, HHC, 1/4-20 X 1	

507.1 Jib Boom and Platform Rotator



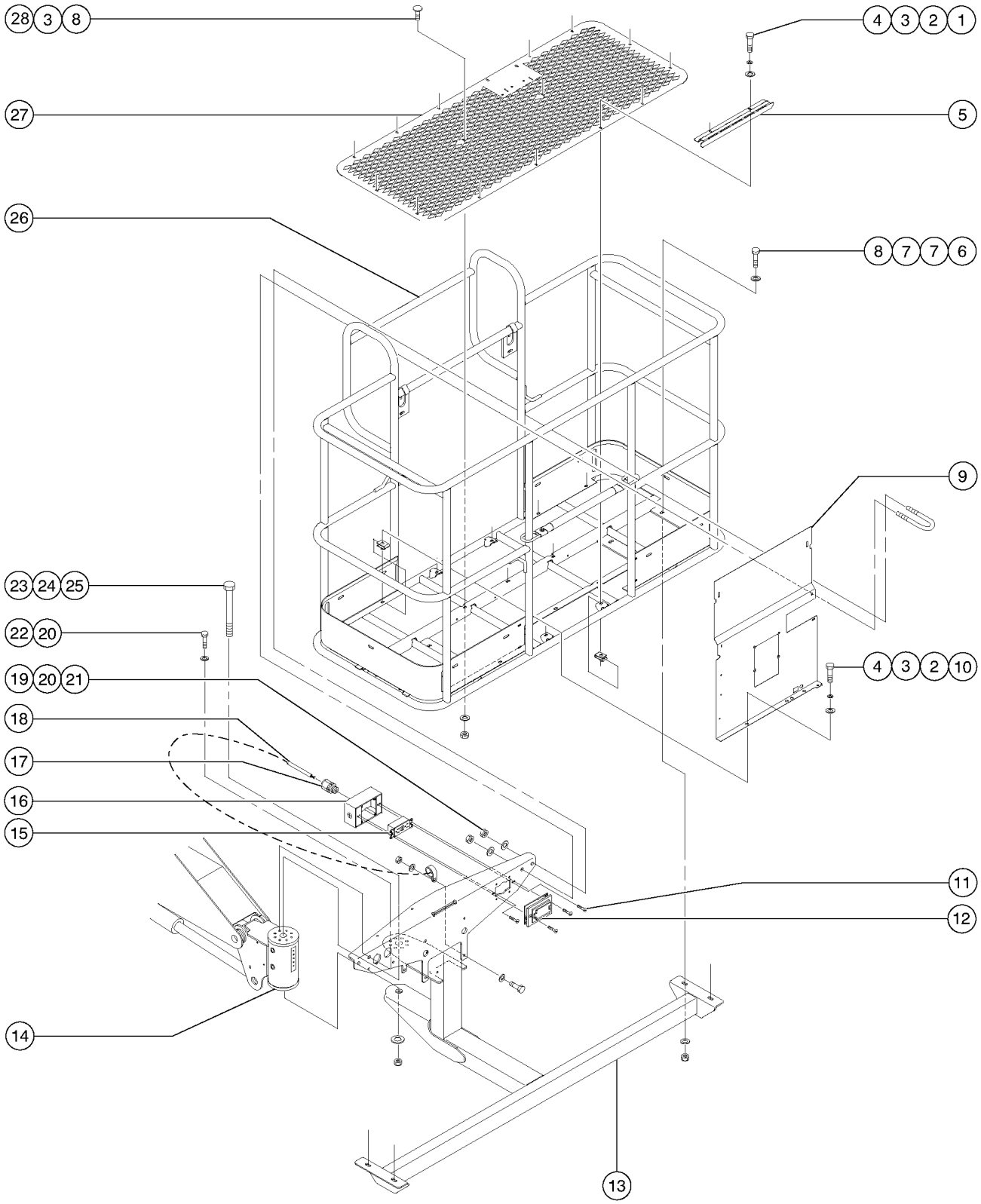
Item	Part No.	Description	Qty.
1	31086GT	EXTENSION BOOM TUBE ASSY,Z60	1
2	825019GT	ROD END, .375X3.69, ZAG	9
3	8516GT	SCREW, HCC, 3/8-16 X 1.50	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	30188GT	PIN,1.25DIAX8.50LG,1HOLE	2
6	30189GT	PIN,1.25DIAX13.75LG,2HOLE	2
7	53258GT	COMPRESSION MEMBER WELD,MACH.	2
8	27326GT	PIN,1.25 X 7.57 IN,1HOLE	2
9	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
10	30219GT	BEARING,FL,1.25ID X 1.41OD X 1	4
11	102990GT	JIB ASSY WITH WORD DECALS includes item 10; to SN 4460	1
11-	30194GT	PIN,1.75DIAX5.25LG,1HOLE includes item 10; to SN 4460	
11-	102991GT	JIB ASSY WITH WORD DECALS includes item 10; from SN 4461	
11-	102532GT	Z60 JIB ASSY WITH SYM DECALS includes item 10; from SN 4461	
12	30220GT	BEARING,1.25ID X 1.5OD X 0.69L	4
13	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
14	31095GT	PLATFORM LEVELING ASSEMBLY includes item 12	1
15	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	1
16	30370GT	BEARING,1.25IDX1.5ODX1.00L	2
17	94399GT	ROTATOR ASSMBLY includes item 16, previous rotator part 63509 is no longer available, order rotator 94399	1
17-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER use with rotator 63509	
17-	62417GT	SEAL KIT,PLAT ROTATE*** use with rotator 63509	
17-	106421GT	SEAL KIT,ARCTIC,ROTATOR 8.2K** use with rotator 63509	
17-	122944GT	SEAL KIT,8K ROTATOR*** use with rotator 94399	
18	6145GT	SCREW, HHC, 1/4-20 X 1.5	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	106421GT	SEAL KIT,ARCTIC,ROTATOR 8.2K**	
21	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1

507.1 Jib Boom and Platform Rotator



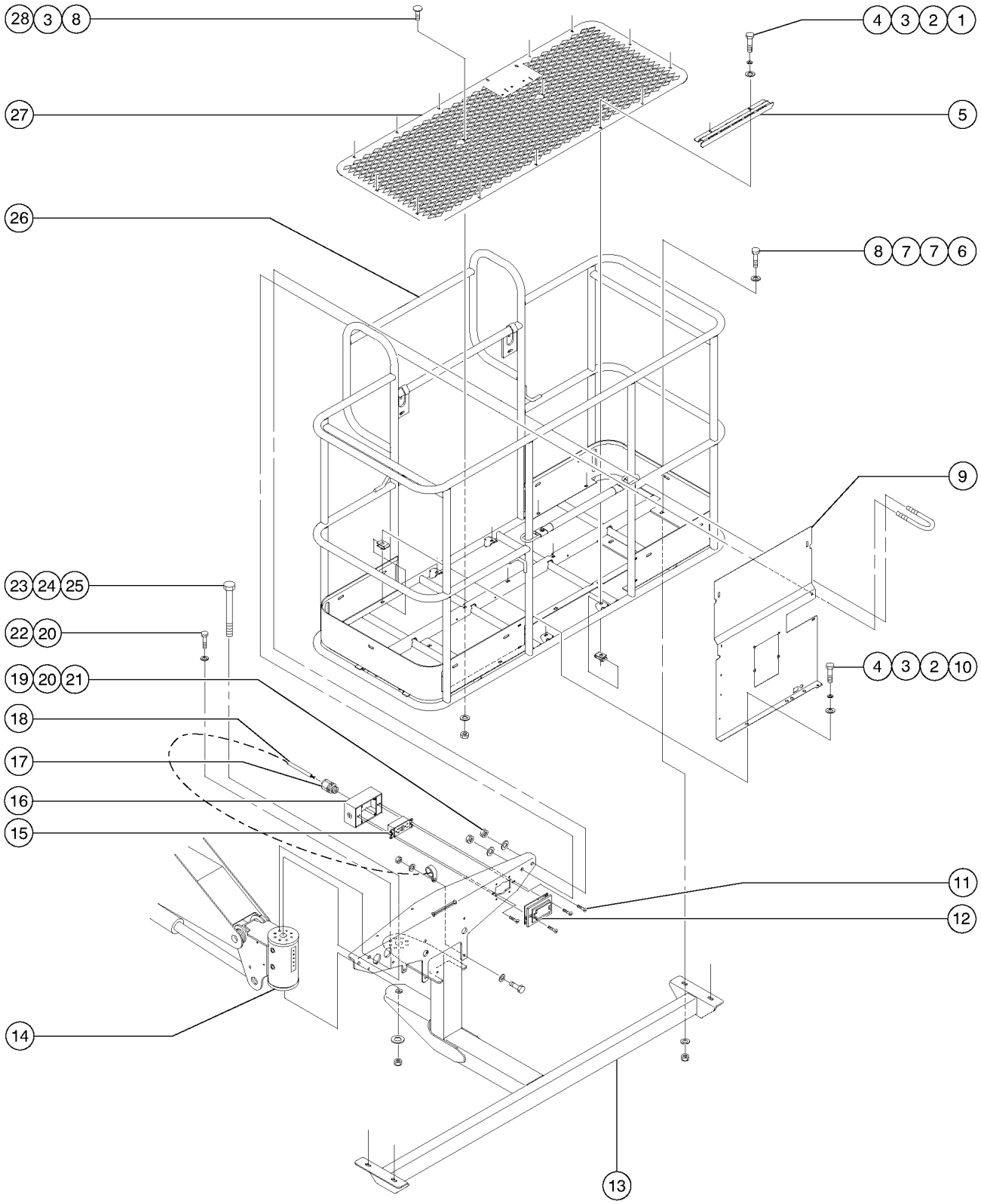
Item	Part No.	Description	Qty.
22	47377GT	BEARING,1.25 ID X 1.5 OD X .75	8
23	226537GT	CYLINDER,SLAVE replaces previous cylinder 63212 (no longer available), includes item 22	1
23-	63352GT	SEAL KIT CYL.Z60(63212) use with cylinder 63212 or 226537	
23-	29083GT	VALVE,COUNTERBALANCE,2500 PSI* use with cylinder 63212	
23-	74872GT	VALVE,COUNTERBALANCE 3000 PSI* use with cylinder 226537	
24	5397GT	WASHER, FLAT, USS, 5/16-18	
25	21604GT	SCREW,HHC,3/8-16 X 3.25	
26		Ref. Jib Boom/Platform Rotate Manifold (refer to 707.1)	
27	63214GT	CYLINDER,JIB,Z60 includes item 22	1
27-	63354GT	SEAL KIT CYL.Z60(63214)	
27-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	
28	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
29	6091GT	NUT,NYLOCK,1/4-20	
30	30411-SGT	COVER,CABLE,JIB PAINTED	1
31	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	2

601.1 Platform Installation - View 1



Item	Part No.	Description	Qty.
A-	89742GT	PLATFORM ASSY 4FT W/DECALS ANS Assemblies with Word Decals; USA and Canada models	
A-	89743GT	PLATFORM ASSY 5FT W/DECALS ANS Assemblies with Word Decals; USA and Canada models	
A-	89335GT	PLATFORM ASSY 6FT W/DECALS ANS Assemblies with Word Decals; USA and Canada models	
A-	89337GT	PLATFORM ASSY 8FT W/DECALS ANS Assemblies with Word Decals; USA and Canada models	
B-	89746GT	PLATFORM ASSY 4FT W/DECALS AUS Assemblies with Word Decals; Australia n models	
B-	89747GT	PLATFORM ASSY 5FT W/DECALS AUS Assemblies with Word Decals; Australia n models	
B-	89748GT	PLATFORM ASSY 6FT W/DECALS AUS Assemblies with Word Decals; Australia n models	
B-	89749GT	PLATFORM ASSY 8FT W/DECALS AUS Assemblies with Word Decals; Australia n models	
C-	89744GT	PLATFORM ASSY 4FT W/DECALS EUR Assemblies with Symbol Decals; European models	
C-	89745GT	PLATFORM ASSY 5FT W/DECALS EUR Assemblies with Symbol Decals; European models	
C-	89336GT	PLATFORM ASSY 6FT W/DECALS EUR Assemblies with Symbol Decals; European models	
C-	89338GT	PLATFORM ASSY 8FT W/DECALS EUR Assemblies with Symbol Decals; European models	
D-	89750GT	PLATFORM ASSY 4FT W/DECAL A/SO Assemblies with Symbol Decals; Asia and South American models	
D-	89751GT	PLATFORM ASSY 5FT W/DECALS ASA Assemblies with Symbol Decals; Asia and South American models	
D-	89752GT	PLATFORM ASSY 6FT W/DECALS ASA Assemblies with Symbol Decals; Asia and South American models	
D-	89753GT	PLATFORM ASSY 8FT W/DECALS ASA Assemblies with Symbol Decals; Asia and South American models	
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	73610PGT	STEP PLATFORM ENTRY PAINTED***	1
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
7	6097GT	WASHER, FLAT, USS, 3/8", Y	
8	4828GT	NUT, NYLOCK, 3/8-16	
9	102495GT	DECAL PLATE ASSY W/WORD DECALS Assemblies with Word Decals; USA and Canada models	1
9-	89768GT	DECAL PLATE ASSY W/SYM DECALS Assemblies with Symbol Decals	
10	6090GT	SCREW, HHC, 1/4-20 X .75	
11	75067GT	SCREW,6-32 X 7/8 PPMS ZINC	

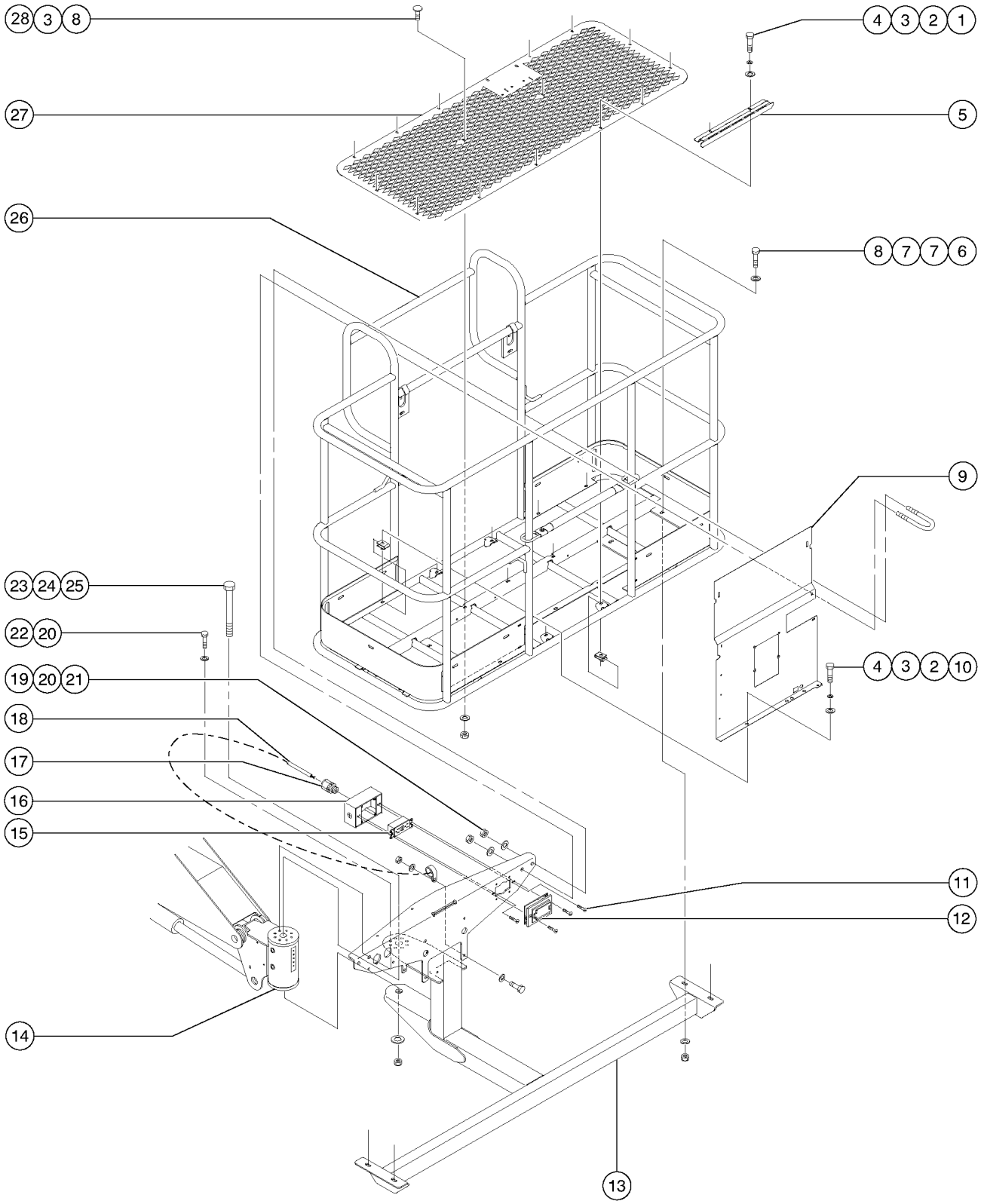
601.1 Platform Installation - View 1



601.1 Platform Installation - View 1

Item	Part No.	Description	Qty.
12	74006GT	COVER,GFCI,HORIZONTAL,WEATHER includes mounting fasteners	1
13	102679GT	OPTION,PLAT SUPPORT,4/5FT SRV	1
13-	94390-SGT	OPTION,PLAT SUPPORT,STD,LRG BM ANSI models	
13-		Ref. WELDMENT,PLATFORM SUPPORT,CE CE models (refer to 804.1)	
14		Ref. Platform Rotator (refer to 507.1)	
15	13585GT	OUTLET, 110V	1
15-	33629GT	PLATE,UK POWER TO PLATFORM	
15-	33724GT	KIT,GASKET,UK POWER TO PLAT	
15-	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT	
16	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
17	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
18	43955GT	WIRE CABLE,12/3 CON.TPE JKT	996 inches
19	4828GT	NUT, NYLOCK, 3/8-16	
20	57201GT	WASHER,FLAT,313, HARDENED	
21	6550GT	U-BOLT,3/8 X 1 YZ	2
22	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	8
23	73928GT	SCREW,HHC,1-8 X 11,GRD 5***	
24	122079GT	WASHER,FLAT,1.000,HARDENED	1
25	29764GT	NUT,NYLOCK,1-8	
26	77840GT	WELDMENT W/DECALS,5FT,500LB AN USA and Canada;	
26	73900GT	WELDMNT,6 FT PLATFORM USA and Canada; no decals	
26	73976GT	PLATFORM RAIL ASSY, 8FT, ANSI USA and Canada;	
26A	60042-SGT	PLATFORM WELDMENT,4 FT Australia	
26A-	101377GT	PLAT ASSEMBLY,5FT,AUSTRALIA*** Australia	
26A-	73900GT	WELDMNT,6 FT PLATFORM Australia; no decals	
26A-	101383GT	PLAT RAIL ASSY,8FT,AUSTRALIA** Australia	
26B	101373GT	PLATFORM ASSEMBLY,4FT,CE/UK Europe	

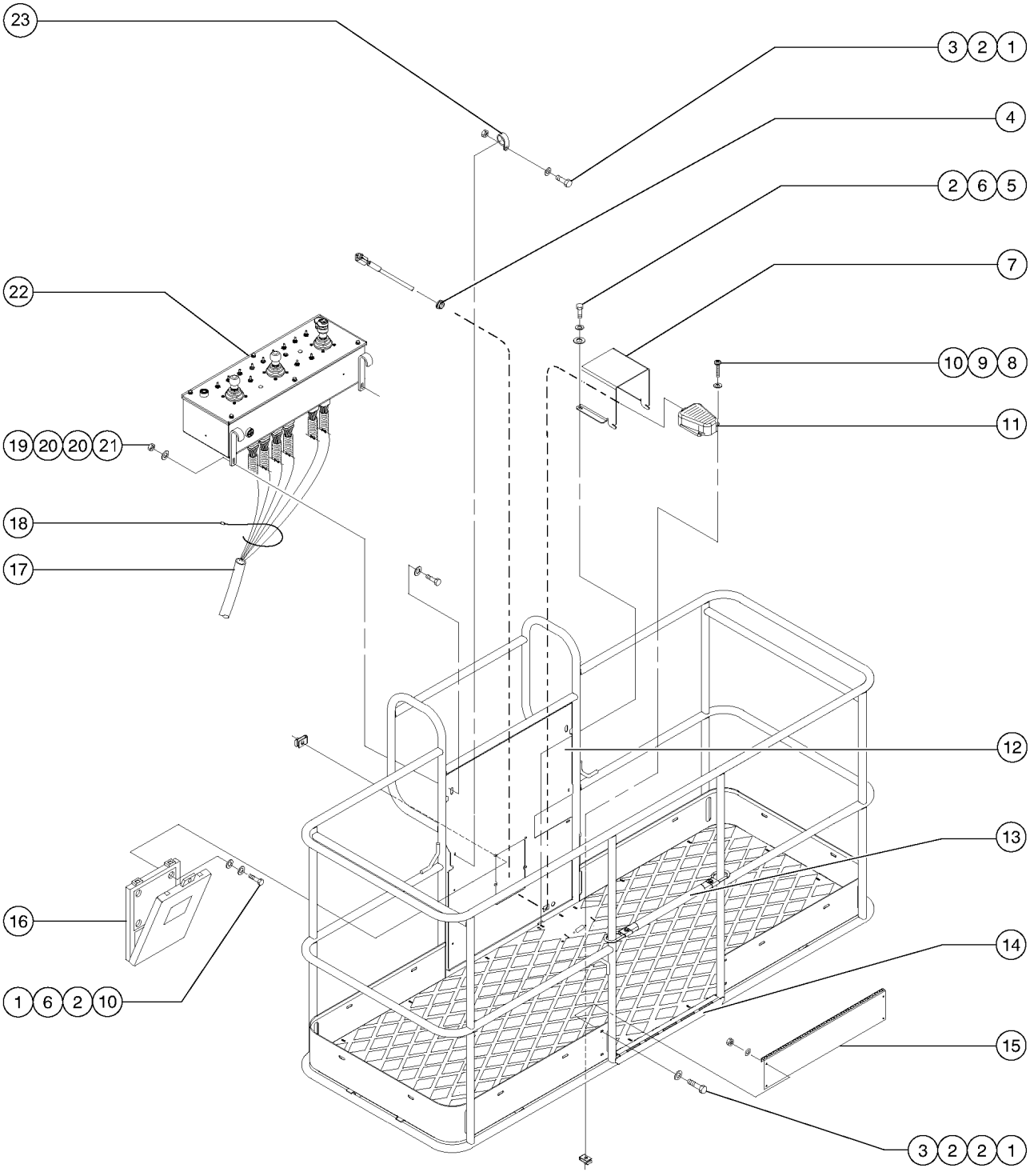
601.1 Platform Installation - View 1



601.1 Platform Installation - View 1

Item	Part No.	Description	Qty.
26B-	101376GT	PLATFORM ASSEMBLY,5FT,CE/UK Europe	
26B-	101379GT	PLATFORM RAIL ASSY,6FT,CE/UK Europe	
26B-	101382GT	PLATFORM RAIL ASSY,8FT,CE/UK Europe	
26C	101375GT	PLAT ASSEMBLY,4FT,ASIA/S AM Asia and South America	1
26C-	101378GT	PLAT ASSEMBLY,5FT,ASIA/S AM Asia and South America	
26C-	101381GT	PLAT ASSEMBLY,6FT,ASIA/S AM Asia and South America	
26C-	101384GT	PLAT ASSEMBLY,8FT,ASIA/S AM Asia and South America	
27	60160PGT	FLOORING,4 FT PLATFORM,PAINTED Asia and South America	1
27-	54247-SGT	PLAT. FLOOR, 5FT, PAINTED Asia and South America	
27-	73477PGT	FLOORING, 6'FT PLATFORM Asia and South America	
27-	73478PGT	FLOORING, 8 FT PLATFORM*** Asia and South America	
28	54274GT	SCREW,STEP BOLT,1/4-20 X .75 Asia and South America	

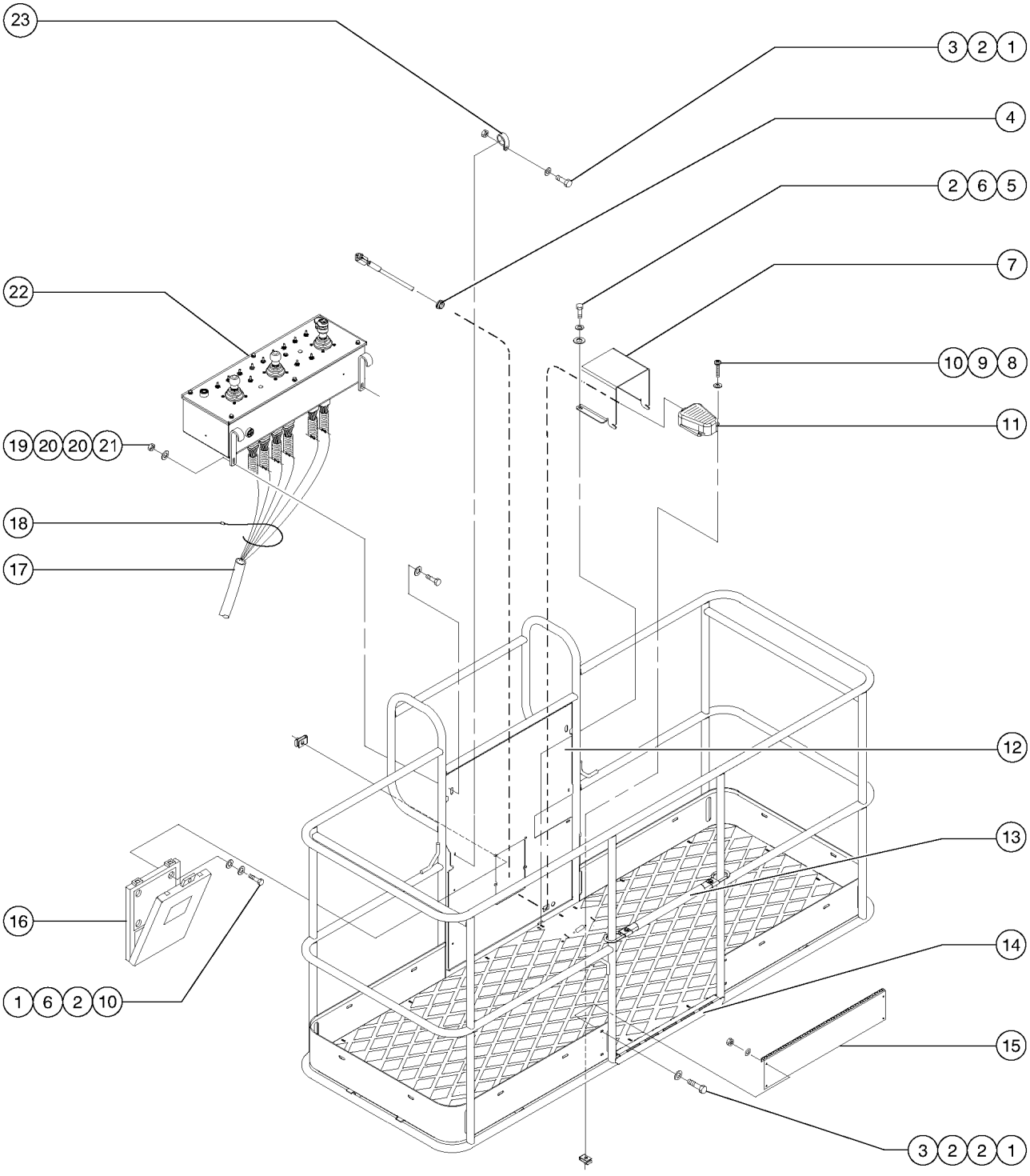
602.1 Platform Installation - View 2



602.1 Platform Installation - View 2

Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6091GT	NUT,NYLOCK,1/4-20	
4	229768GT	GROMMET,RUBBER,1.0X0.094X1.375	2
5	8915GT	SCREW, HHC, 1/4-20 X 1.25	
6	6356GT	WASHER, LOCK, .25	
7	73931GT	GUARD,FOOTSWITCH,W/DECAL ALUM USA, Canada, Australia	1
7-	63766GT	COVER,FOOT SWITCH Europe, Asia, South America	
8	73587GT	SCREW,PHIL,10-24 X .75	
9	6607GT	WASHER,LOCK,#10 PLTD	
10	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	
11	228466GT	KIT, FOOTSWITCH, S40/S80 Pervious foot switch is no longer available. Order kit 228466 for first time replacement (kit includes foot switch 227516)	1
11-	227516GT	ASSEMBLY,FOOT SWITCH Part of kit 228466 (the kit is required for first time replacement of previous foot switch)	
11-	33576GT	CONN,SQZ,1/2NPT,.170-.450	
12	102495GT	DECAL PLATE ASSY W/WORD DECALS USA, Canada	1
12-	89768GT	DECAL PLATE ASSY W/SYM DECALS Europe, Asia, South America, Australia	
13	102992GT	SLIDING MIDRAIL KIT,PTD	1
13-	12443GT	MIDRAIL GUIDE (HOOK)	
13-	139451GT	TUBE,SLIDING MIDRAIL,PAINTED	
13-	20973GT	WIRE LOOM,3/8 POLY SLIT	
13-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	
13-	6888GT	SCREW, HHC, 1/4-20 X 1	
13-	6638GT	WASHER, FLAT, USS, 1/4"Y	
13-	6091GT	NUT,NYLOCK,1/4-20	
13-	97815GT	DECAL,LABEL,LOWER MIDRAIL	
14	73610PGT	STEP PLATFORM ENTRY PAINTED***	1
15	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
16A	44743GT	MANUAL BOX W/DECALS*** USA/Canada/Australia	1

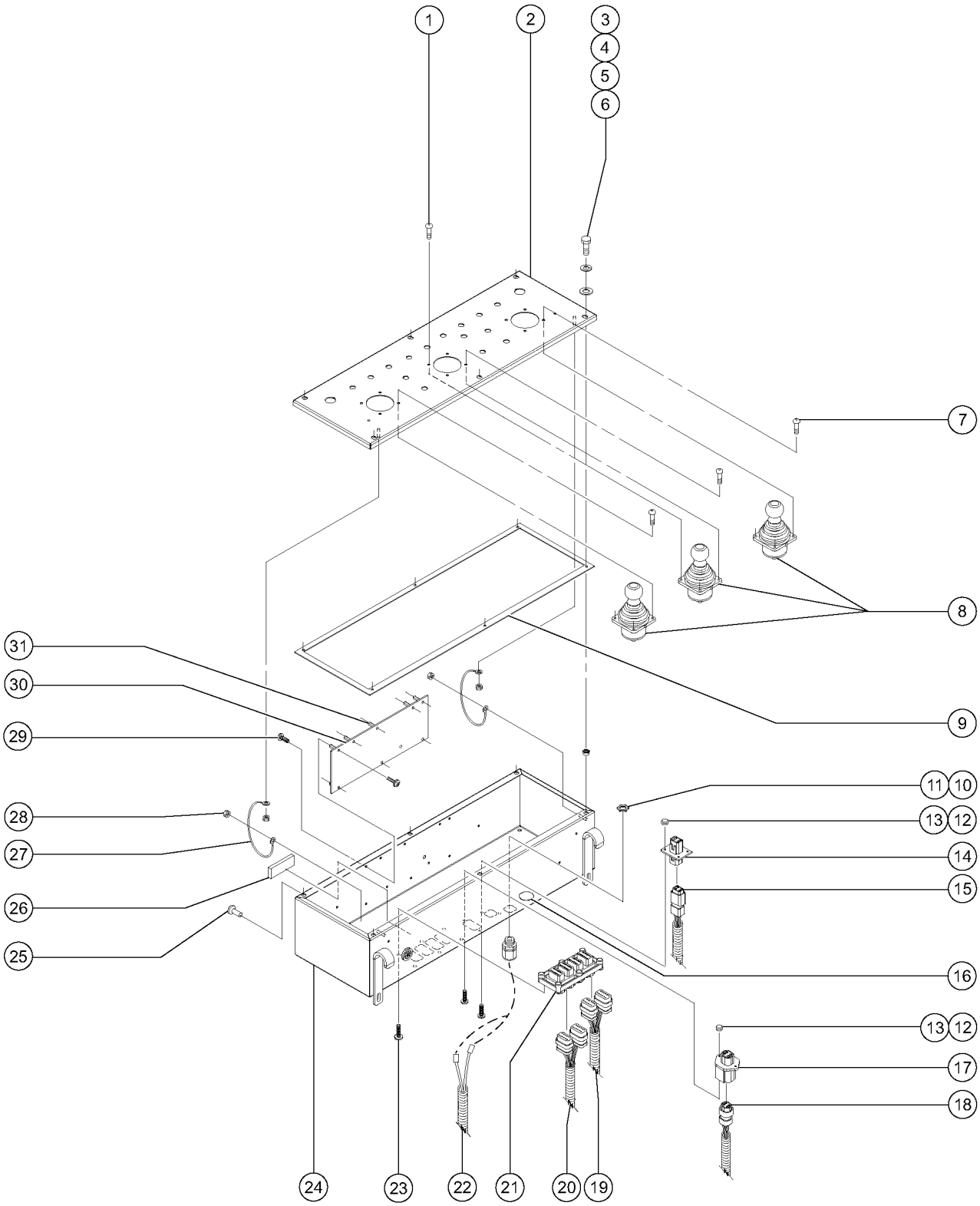
602.1 Platform Installation - View 2



602.1 Platform Installation - View 2

Item	Part No.	Description	Qty.
16B	24514GT	BOX, INSTRUCTION STORAGE** Europe/Asia/South America (decal required; refer to Section100)	
17	49219GT	SLEEVE,NYLON,2.19 ID,BULK	
18	28443GT	CABLE TIE, 11.5" BLACK	2
19	7713GT	NUT, LP NYLOCK, 3/8-16	
20	5397GT	WASHER, FLAT, USS, 5/16-18	
21	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
22		Ref. Platform Control Box Assembly (refer to 603.1)	
23	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	1

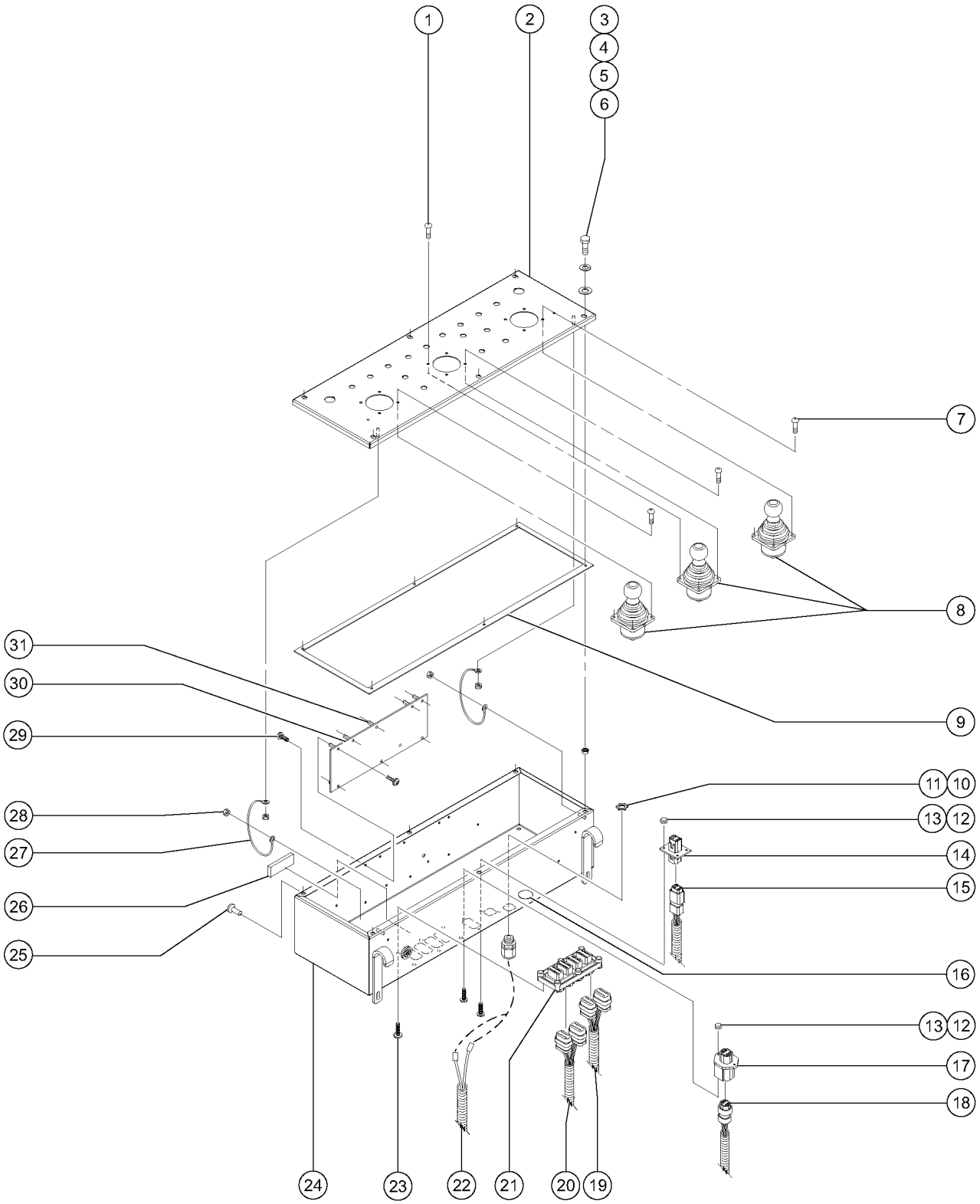
603.1 Platform Controls - View 1



603.1 Platform Controls - View 1

Item	Part No.	Description	Qty.
A-	110388GT	PLAT. CONTROL BOX W/DECAL*** ..... includes items 6 and 11	
B-	102724GT	WIRE,MOUNT ADHESIVE BACK	
C-	122215GT	HARNESS,SERVICE,PBOX J1 ..... requires qty 3 of adapter 122125	
D-	122125GT	ADAPTER CABLE, JS100 JOYSTICK	
E-	122124GT	SERVICE KIT,S80 PBOX J1 HARN required for first time replacement, contains PBOX J1 harness and qty 3 of adapter 122125	
F-	89666GT	HARNESS,JIB KIT	
G-	89673GT	HARNESS,PBOX,S40,S45,Z60***	
H-	89925GT	HARNESS,PBOX,LOAD SENSE	
1	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
2	81484PGT	PLATFORM CONTROL BOX LID,PAINT	1
3	8914GT	SCREW, HHC, 1/4-20 X .625	
4	6356GT	WASHER, LOCK, .25	
5	6638GT	WASHER, FLAT, USS, 1/4"Y	
6	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	6
7	77047GT	SCREW,PHM,10-32X.50,ST TYPE F	
8		Ref. Joystick Controller (refer to 604.1)	
9	81488GT	GASKET,PLATFORM CONTROL BOX	1
10	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
11	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
12	12344GT	NUT,NYLOCK,6-32	
13	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
14	73723GT	CONN RECEPT,FLANGED	1
14-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
15		Ref. ASSEMBLY,FOOT SWITCH ..... refer to 602.1	1
15-	73739GT	BOOT,PLUG 4 WAY	
15-	75640GT	WIRE LOOM,3/4 DIA.	
16	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	4
17	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1

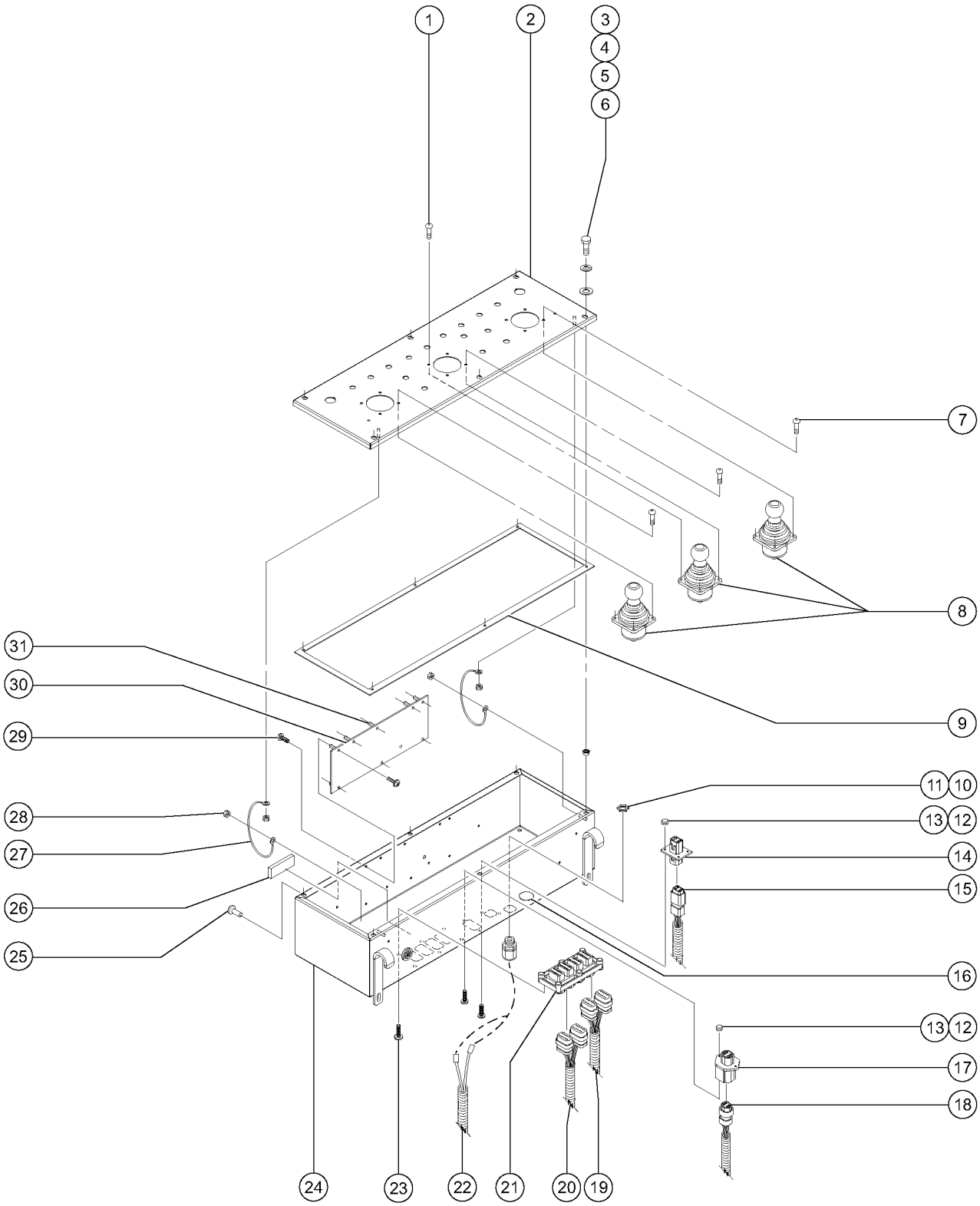
603.1 Platform Controls - View 1



603.1 Platform Controls - View 1

Item	Part No.	Description	Qty.
17-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
17-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
18	102907GT	HARNESS,12/3, 12V TO PLAT,Z60	1
18-	73725GT	BOOT,DTSCH,DTP4-BT	
18-	75640GT	WIRE LOOM,3/4 DIA.	
19	89177GT	HARNESS,18/19,BOOM CABLE 2 grey/black connectors	1
19-	77432GT	BOOT,2 X 12 WAY	
19-	75640GT	WIRE LOOM,3/4 DIA.	72 inches
20	89176GT	HARNESS,18/19,BOOM CABLE green/brown connectors	1
20-	77432GT	BOOT,2 X 12 WAY	
20-	28131GT	WIRE LOOM,1.25 DIA	
21	73736GT	CONN,RECEP 48 WAY,4 X 12	1
21-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
21-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
22	89376GT	HARNESS,JIB,Z-BOOM to SN 4460	1
22-	102033GT	HARNESS,JIB BOOM from SN 4461	
22-	77432GT	BOOT,2 X 12 WAY	
23	73803GT	SCREW,SHM,PHP, #12 X .75	
24	81487PGT	PLATFORM CONTROL BOX,PAINTED	1
25	42781GT	PLUG, NYLON .250 BLACK DOMED	1
26	30997GT	CORROSION INHIBITOR,FOAM	1
27	77351GT	LANYARD,PLATFORM CONTROL BOX	2
28	6178GT	NUT, NYLOCK, 10-32	
29	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
30	235476GT	ASSY,PCB ALC500 Z60 LEG V200 Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	
30A-	235475GT	DECAL LBL ALC500 Z60 LEG V200	
30A-	119250GT	BRACKET,PLATFORM HEATER OPT	1

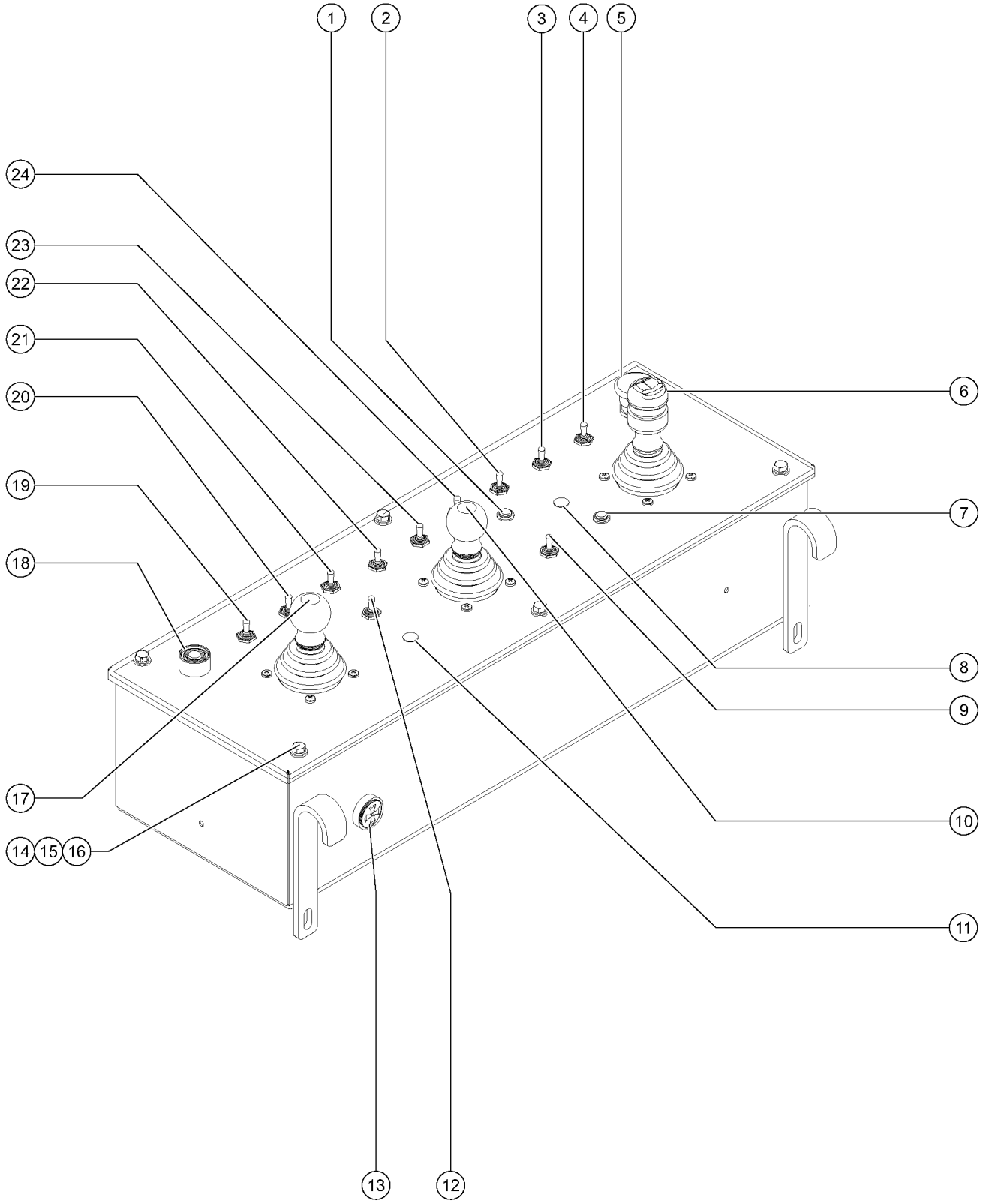
603.1 Platform Controls - View 1



603.1 Platform Controls - View 1

Item	Part No.	Description	Qty.
30A-	119560GT	WIRING KIT,CONTROL BOX HEATER	1
30A-	27287GT	RESISTOR,10 OHM,25 WATT for 119560	2
30A-	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
30A-	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	1
30A-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
30A-	T115352GT	DECAL,OPTION CONTROL BOX HEATR	1
31	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	

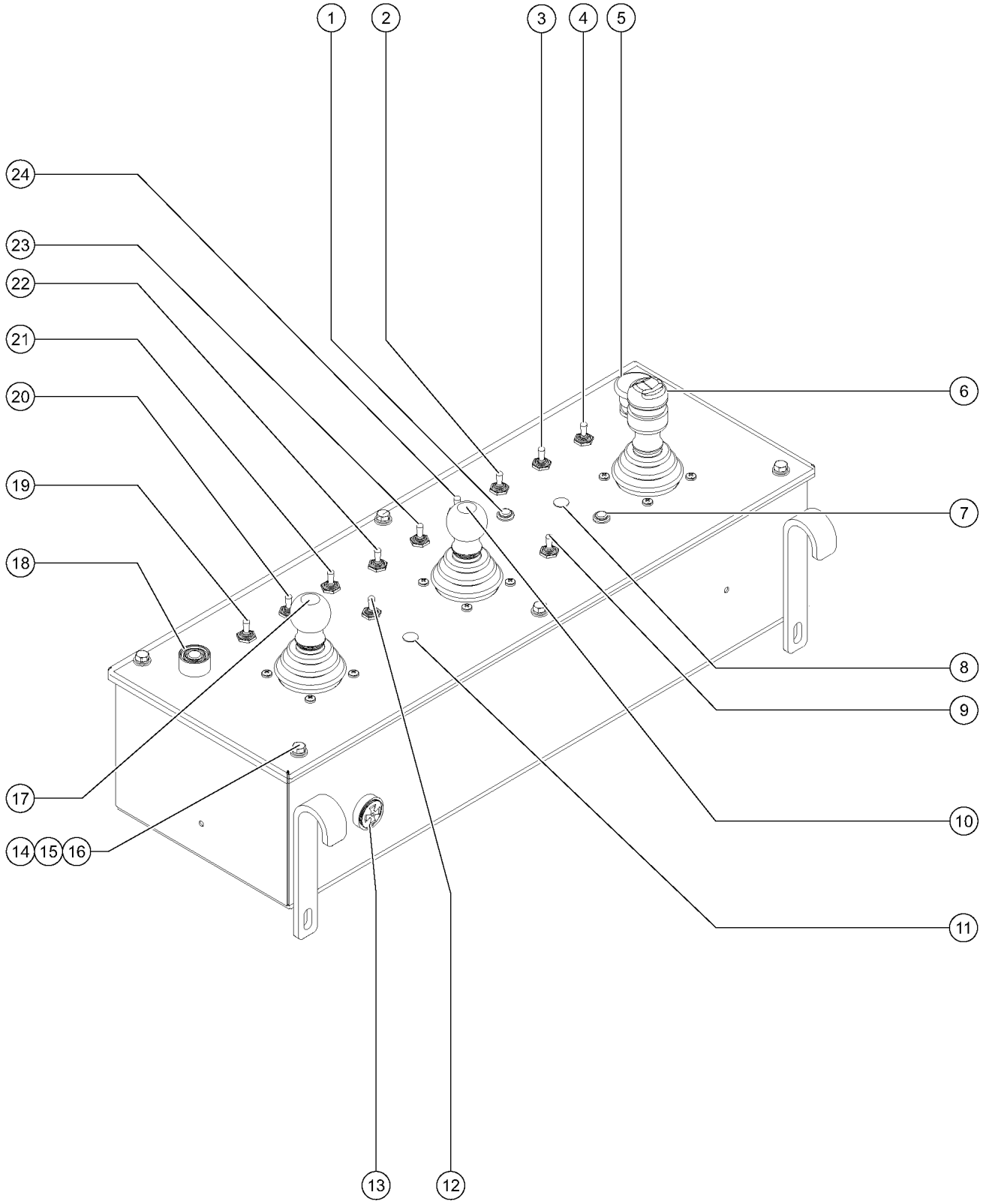
604.1 Platform Controls - View 2 (to SN 4333)



604.1 Platform Controls - View 2 (to SN 4333)

Item	Part No.	Description	Qty.
	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
1	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	1
2	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
2-	824879GT	LIGHT,LED IND. RED 12V NH Ford models (Complete LED light assembly)	
2-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Deutz models	
3	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
4	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Ford models	1
4-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
5	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
5-	73805GT	BASE,W/2 NC CONTACTS***	
5-	66818GT	CONTACT,NC	
5-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
6		JOYSTICK refer to 605.1	1
7	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT	1
7-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
8	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
8-	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT	
9	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT	
9-	824879GT	LIGHT,LED IND. RED 12V NH Ford models (Complete LED light assembly)	
9-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Deutz models	
10		JOYSTICK refer to 605.1	1
11	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
11-	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT	
12	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
13	45383GT	ALARM,WARBLE TONE 5-30 VDC*** (does not include 72326 nut)	1
13-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
14	8914GT	SCREW, HHC, 1/4-20 X .625	

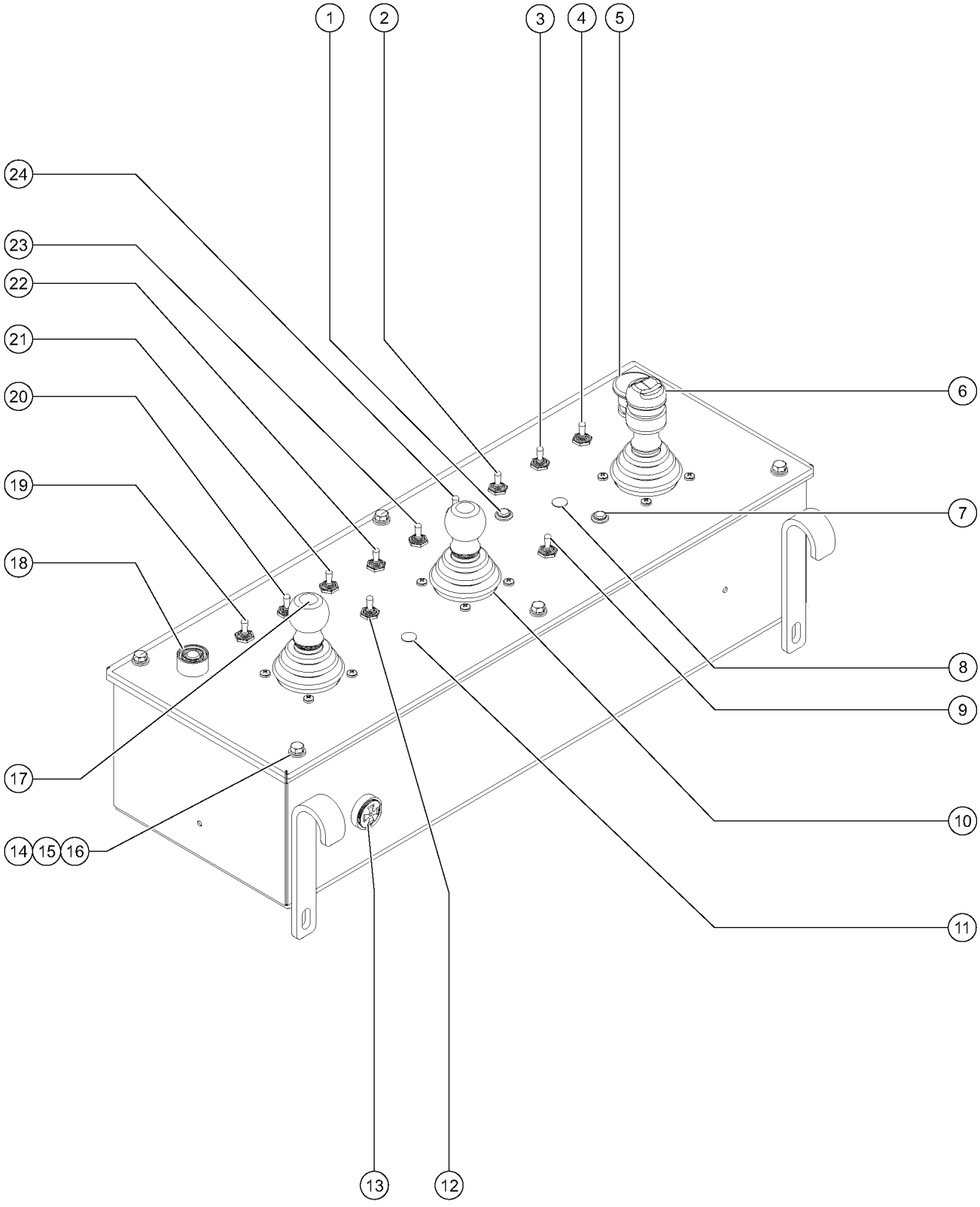
604.1 Platform Controls - View 2 (to SN 4333)



604.1 Platform Controls - View 2 (to SN 4333)

Item	Part No.	Description	Qty.
15	6356GT	WASHER, LOCK, .25	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17		JOYSTICK refer to 605.1	1
18	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
18-	66815GT	BASE, W/1 N.O. CONTACTS***	
18-	66816GT	CONTACT,N.O.***	
19	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
20	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
21	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
22	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	1
23	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
24	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM diesel models; to SN 4333	1
24-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Ford models; to SN 4333	

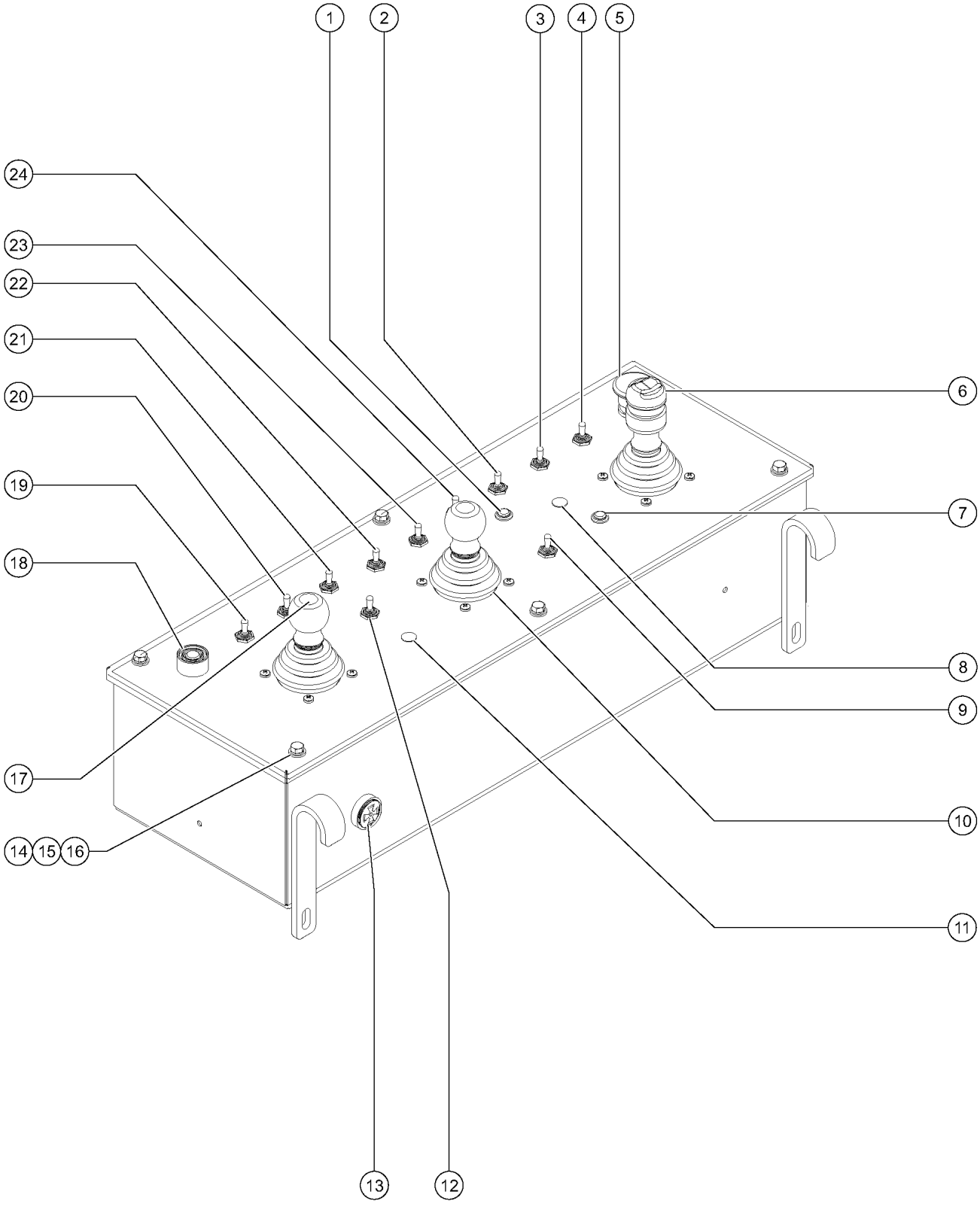
604.2 Platform Controls - View 2 (from SN 4334)



604.2 Platform Controls - View 2 (from SN 4334)

Item	Part No.	Description	Qty.
	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
1	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	
2	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
3	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
4	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
4-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
5	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
5-	94506GT	BASE,W/3 NC CONTACTS	
5-	66818GT	CONTACT,NC	
5-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
6		JOYSTICK refer to 605.2	1
7	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	1
7-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
8	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	1
8-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
9	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
10		JOYSTICK refer to 605.2	1
11	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
11-	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT	
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
13	45383GT	ALARM,WARBLE TONE 5-30 VDC*** (does not include 72326 nut)	1
13-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
14	8914GT	SCREW, HHC, 1/4-20 X .625	
15	6356GT	WASHER, LOCK, .25	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17		JOYSTICK refer to 605.2	1
18	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1

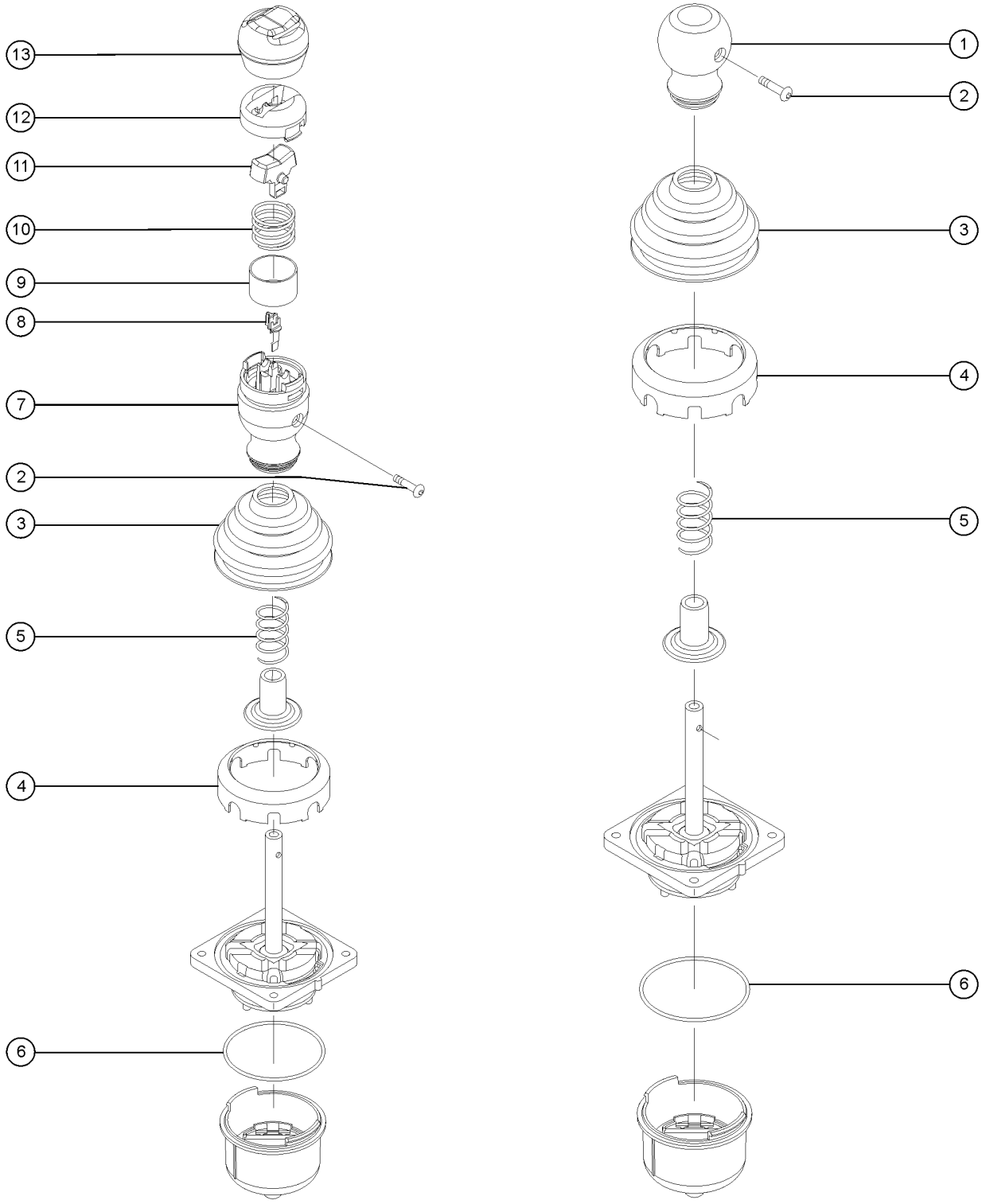
604.2 Platform Controls - View 2 (from SN 4334)



604.2 Platform Controls - View 2 (from SN 4334)

Item	Part No.	Description	Qty.
18-	66815GT	BASE, W/1 N.O. CONTACTS*** ..... includes 1 each N.O. contact	
18-	66816GT	CONTACT,N.O.***	
19	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
20	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
21	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
22	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM	1
23	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
24	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
24-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME ..... Ford models	

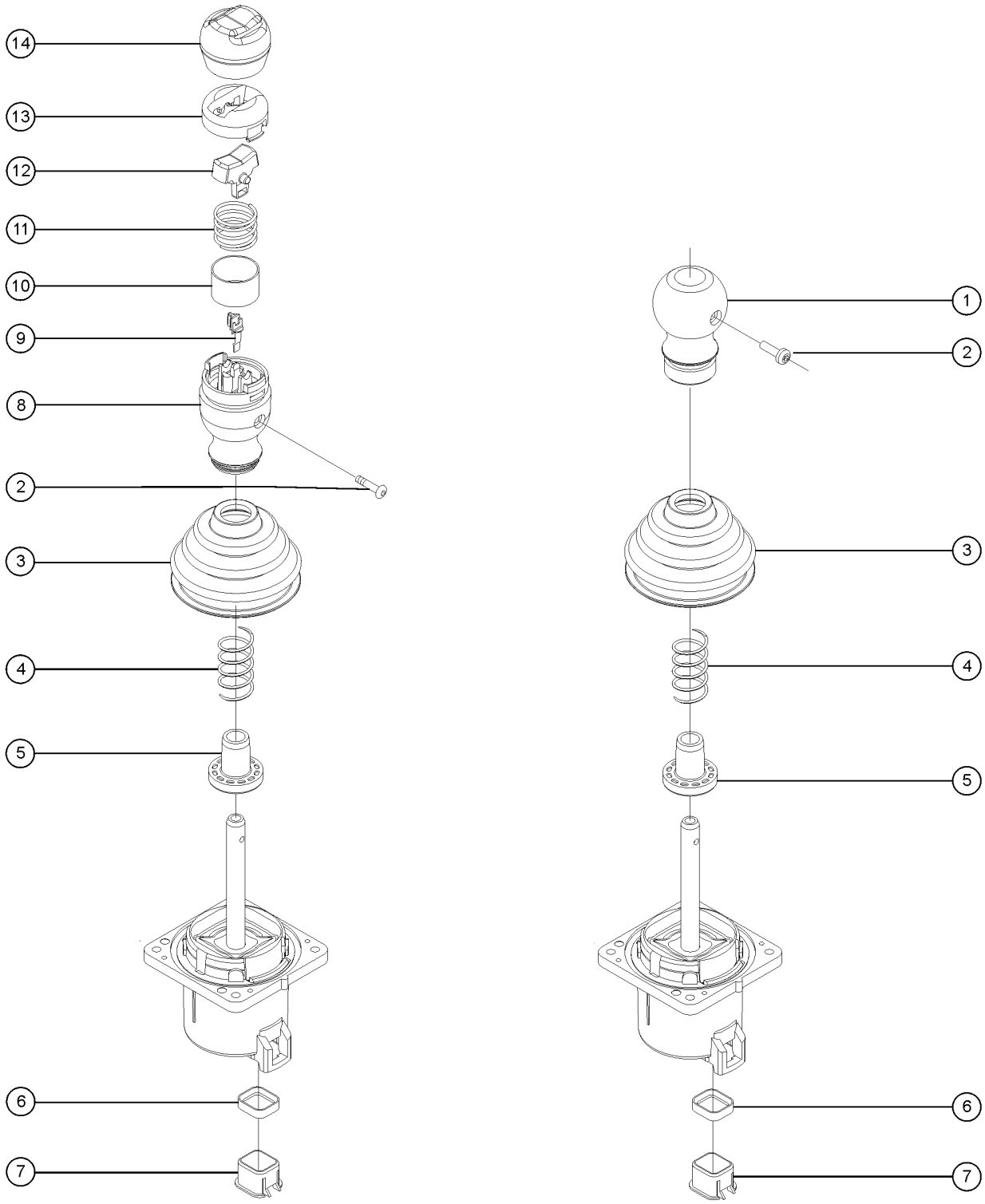
605.1 Joysticks (to SN 4333)



605.1 Joysticks (to SN 4333)

Item	Part No.	Description	Qty.
A-	111417GT	JOYSTICK W/HARN ADPTR, 2 AXIS this kit converts joystick to Deutsch style connection (OEM joystick); after first time replacement, refer to section 605.2	
C-	111415GT	JOYSTICK W/HARN ADPTR, 1 AXIS this kit converts joystick to Deutsch style connection (OEM joystick); after first time replacement, refer to section 605.2	
E-	111416GT	JOYSTICK W/HARN ADPTR KIT RCKR this kit converts joystick to Deutsch style connection (OEM joystick); after first time replacement, refer to section 605.2	
G-	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
H-	119613GT	HARN JOYSTICK ADAPTOR JS100 for first time replacement only	
Z	1269501GT	KIT, ISOLATION, 3 JOYSTICK	
1	62392GT	KNOB,JOYSTICK, 62390/62391	1
2	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	1
3	139598GT	BOOT,JOYSTICK	1
4	75143GT	BOOT GUARD, JOYSTICK 62390/91	1
5		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	1
6		O-RING,JOYSTICK, 62390/62391 no longer available from supplier	1
7	75449GT	KNOB,ROCKER JOYSTICK 75565	1
8	75448GT	SUPPORT,SENSOR,JOYSTICK	1
9	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
10	75446GT	SPRING,SWITCH CENTERING,75565	1
11	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
12	75444GT	ROCKER,RETAINER, 75565	1
13	75443GT	BOOT, ROCKER JOYSTICK 75565	1

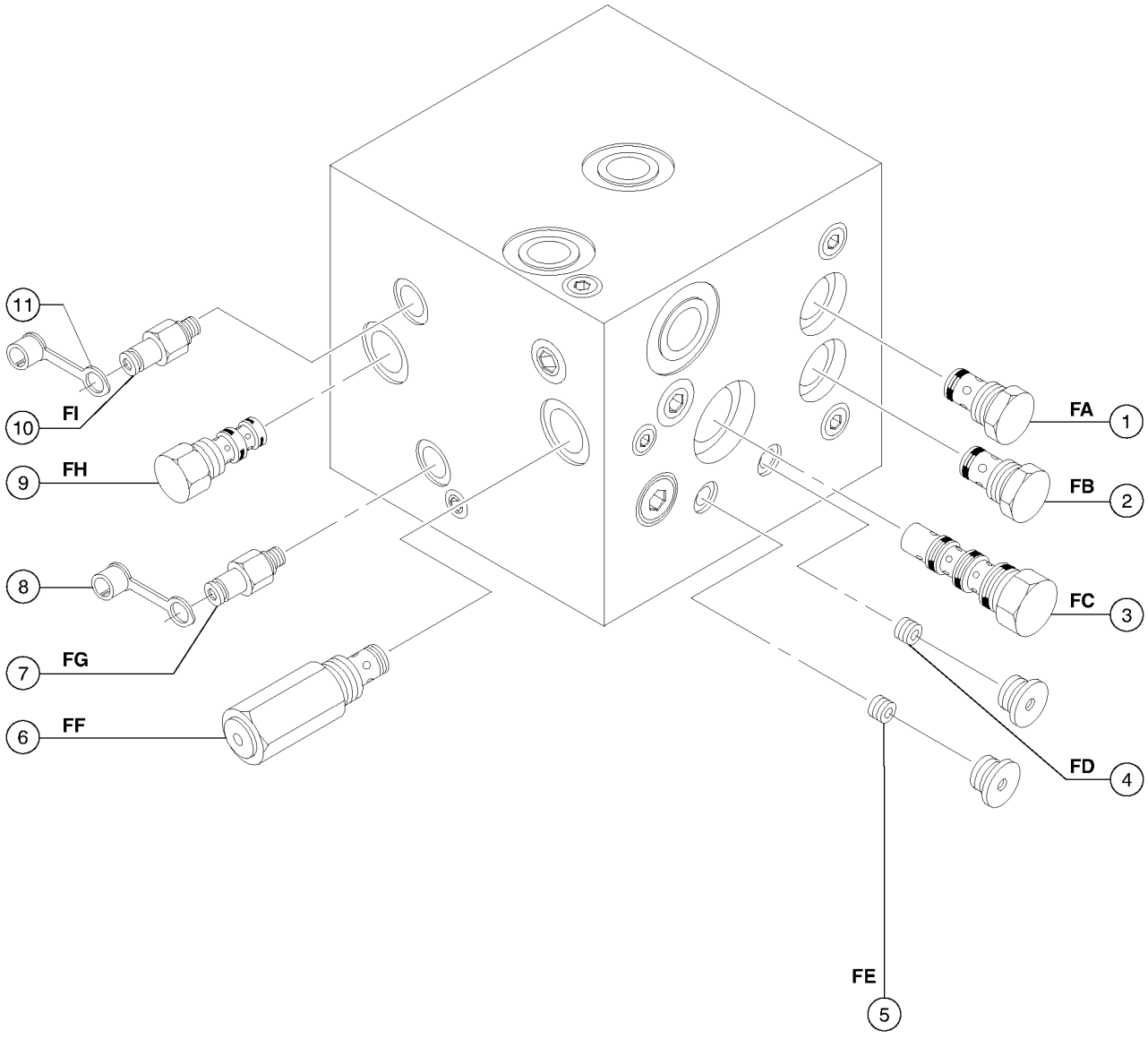
605.2 Joysticks (from SN 4334)



605.2 Joysticks (from SN 4334)

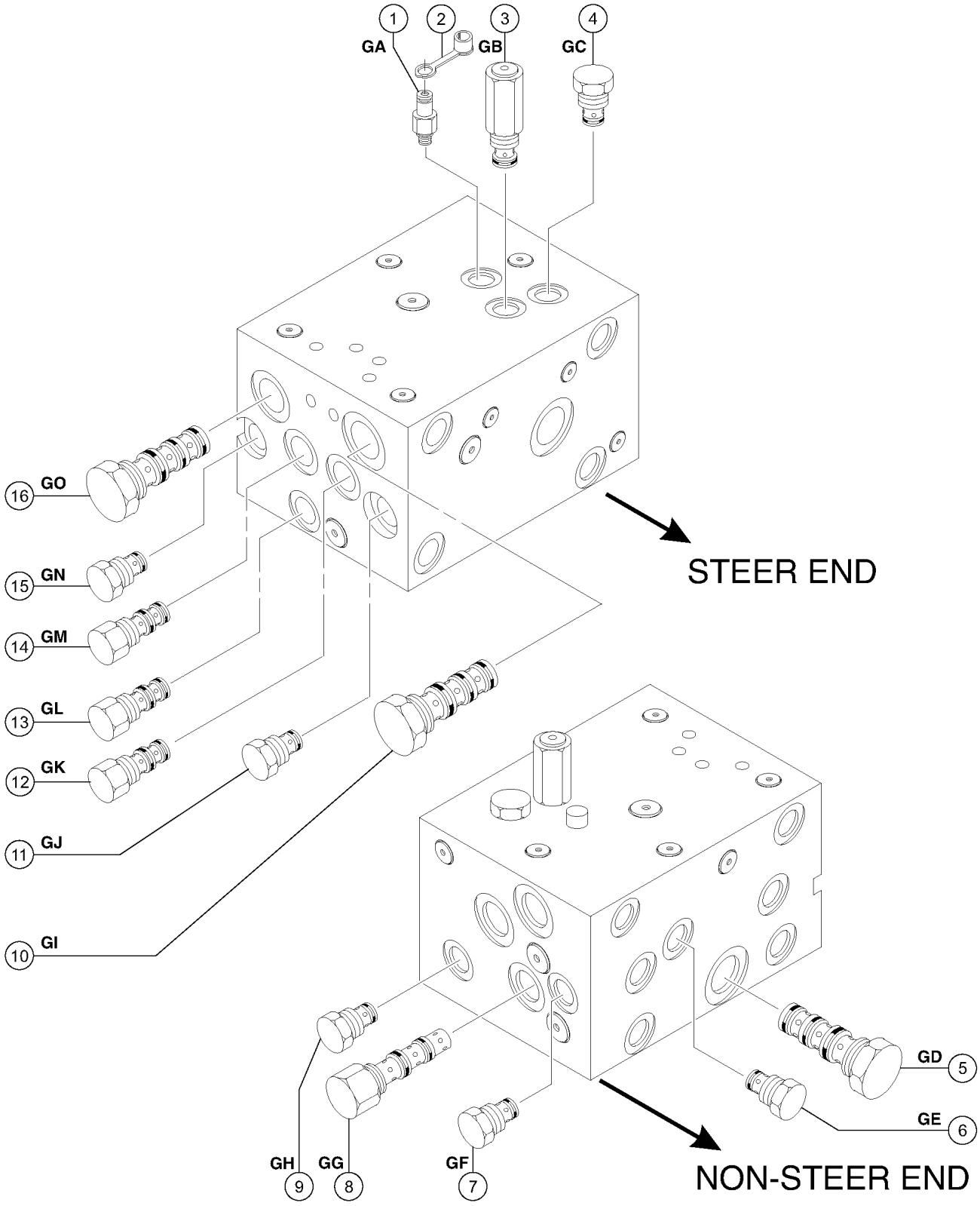
Item	Part No.	Description	Qty.
A-	101174GT	JOYSTICK,2 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
B-	101174HGT	JOYSTICK,DUAL AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
C-	101175GT	JOYSTICK,1 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
D-	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
E-	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH OEM joystick (calibration required after replacement)	
F-	101005HGT	JOYSTICK, SINGLE AXIS W/STEER aftermarket joystick (calibration required after replacement)	
G-	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
H-	119613GT	HARN JOYSTICK ADAPTOR JS100 Used only on units prior to SN 4334	
Z	1269501GT	KIT, ISOLATION, 3 JOYSTICK	
1	62392GT	KNOB,JOYSTICK, 62390/62391	1
2	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	1
3	139598GT	BOOT,JOYSTICK	1
4		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	1
5	119915GT	COLLAR,JOYSTICK,CENTER	1
6	128000GT	SEAL, CONNECTOR (DT JOYSTICKS)	1
7	128001GT	SLEEVE,CONNECTOR,DT JOYSTICKS	1
8	75449GT	KNOB,ROCKER JOYSTICK 75565	1
9	75448GT	SUPPORT,SENSOR,JOYSTICK	1
10	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
11	75446GT	SPRING,SWITCH CENTERING,75565	1
12	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
13	75444GT	ROCKER,RETAINER, 75565	1
14	75443GT	BOOT, ROCKER JOYSTICK 75565	1

701.1 2WD Traction Manifold



Item	Part No.	Description	Qty.
	75894GT	MANIFOLD,DRIVE,2WD includes items 1-3, 5-11	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	27836GT	VALVE,CHECK,5 PSI FA, Divider bypass circuit	
2	27836GT	VALVE,CHECK,5 PSI FB, Divider bypass circuit	
3	89316GT	VALVE, FLOW DIVIDER/COMBINER FC, Controls flow to drive motors in forward and reverse	
4	89317GT	PLUG, ORIFICE Z45 ROTATOR FD, Drive motor anti-cavitation	
5	89317GT	PLUG, ORIFICE Z45 ROTATOR FE, Drive motor anti-cavitation	
6	84130GT	VALVE,RELIEF,300 PSI FF, Charge pressure circuit that gets hot oil out of low pressure side of drive pump	
7	48997GT	NIPPLE,DIAGNOSTIC,#4 FG, Testing	
7-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
8	48880GT	CAP,DIAGNOSTIC NIPPLE	
9	43596GT	VALVE,SHUTTLE FH, Change pressure, hot oil shuttle	
10	48997GT	NIPPLE,DIAGNOSTIC,#4 FI, Testing	
10-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
11	48880GT	CAP,DIAGNOSTIC NIPPLE	

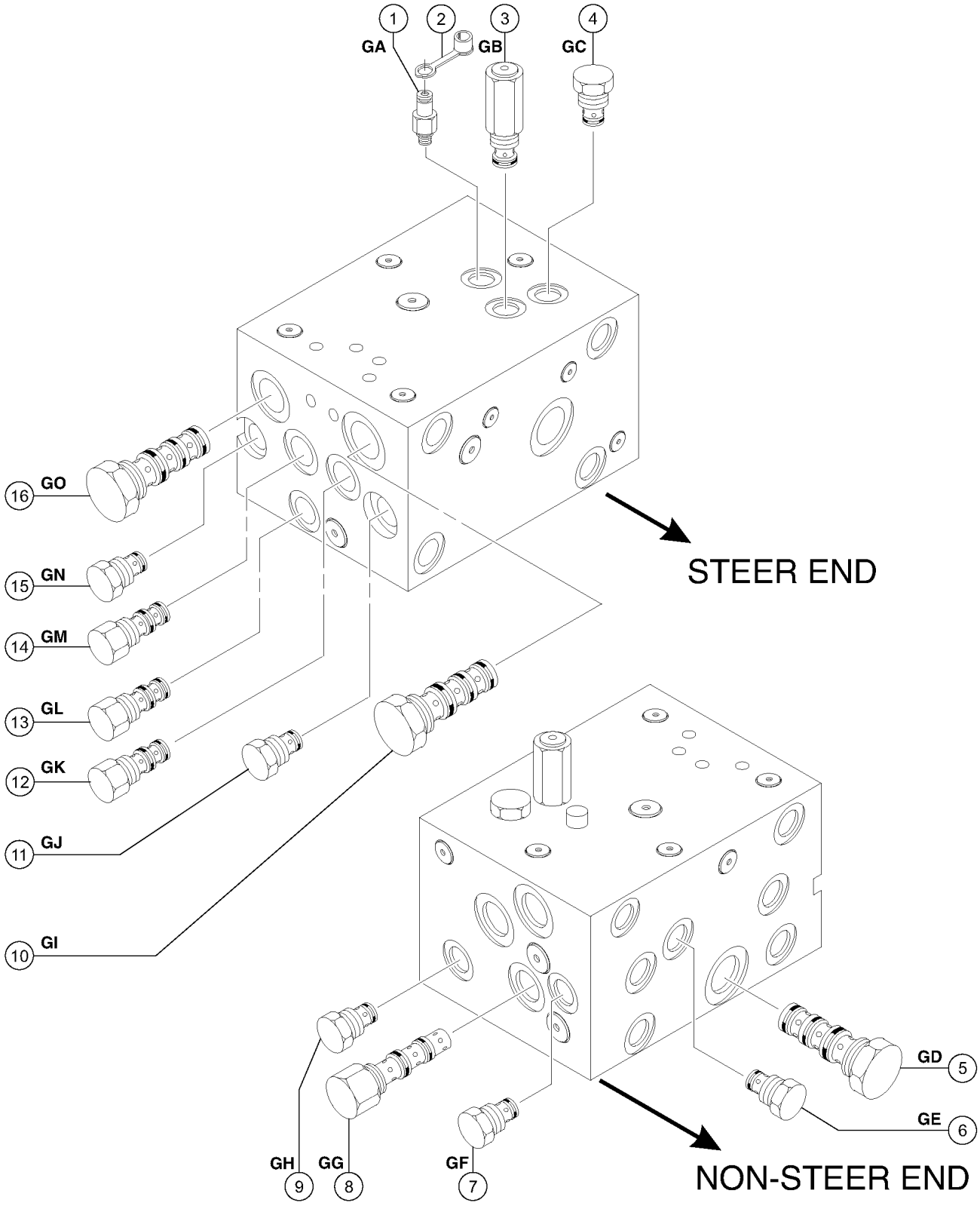
702.1 4WD Traction Manifold - View 1



702.1 4WD Traction Manifold - View 1

Item	Part No.	Description	Qty.
		Ref. 4WD traction manifold part 81055 is no longer available; for its complete replacement . customer must order part 139712 (refer to 702.2)	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48997GT	NIPPLE,DIAGNOSTIC,#4 GA, Testing	
1-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
2	48880GT	CAP,DIAGNOSTIC NIPPLE	
3	62253GT	VALVE,RELIEF,250 PSI GB, Change pressure circuit	
4	69873GT	VALVE, CHECK GC, Drive motor anti-cavitation	
5	52726GT	VALVE,FLOW DIVIDER/COMBINER GD, Controls flow to flow divider/combiner valves GI and GO circuit	
5-	84135GT	SEAL KIT, VALVE	
6	69873GT	VALVE, CHECK GE, Drive motor anti-cavitation	
7	27836GT	VALVE,CHECK,5 PSI GF, Drive motor anti-cavitation	
7-	110194GT	SEAL KIT, VALVE, #10	
8	27761GT	VALVE,SHUTTLE GG, Charge pressure circuit that gets hot oil out of low pressure side of drive pump	
8-	84134GT	SEAL KIT, VALVE	
9	27836GT	VALVE,CHECK,5 PSI GH, Drive motor anti-cavitation	
9-	110194GT	SEAL KIT, VALVE, #10	
10	62252GT	VALVE, FLOW DIVIDER COMBINER GI, Controls flow to steer end drive motors in forward and reverse	
10-	84135GT	SEAL KIT, VALVE	
11	69873GT	VALVE, CHECK GJ, Drive motor anti-cavitation	
12	52723GT	VALVE-FLOW REGULATOR 2 GPM GK, Equalizes pressure on both sides of flow divider / combiner valve GI	
12-	89310GT	SEAL KIT, SOLENOID VALVE	
13	52723GT	VALVE-FLOW REGULATOR 2 GPM GL, Equalizes pressure on both sides of flow divider / combiner valve GD	
13-	89310GT	SEAL KIT, SOLENOID VALVE	
14	52723GT	VALVE-FLOW REGULATOR 2 GPM GM, Equalizes pressure on both sides of flow divider / combiner valve GO	
14-	89310GT	SEAL KIT, SOLENOID VALVE	

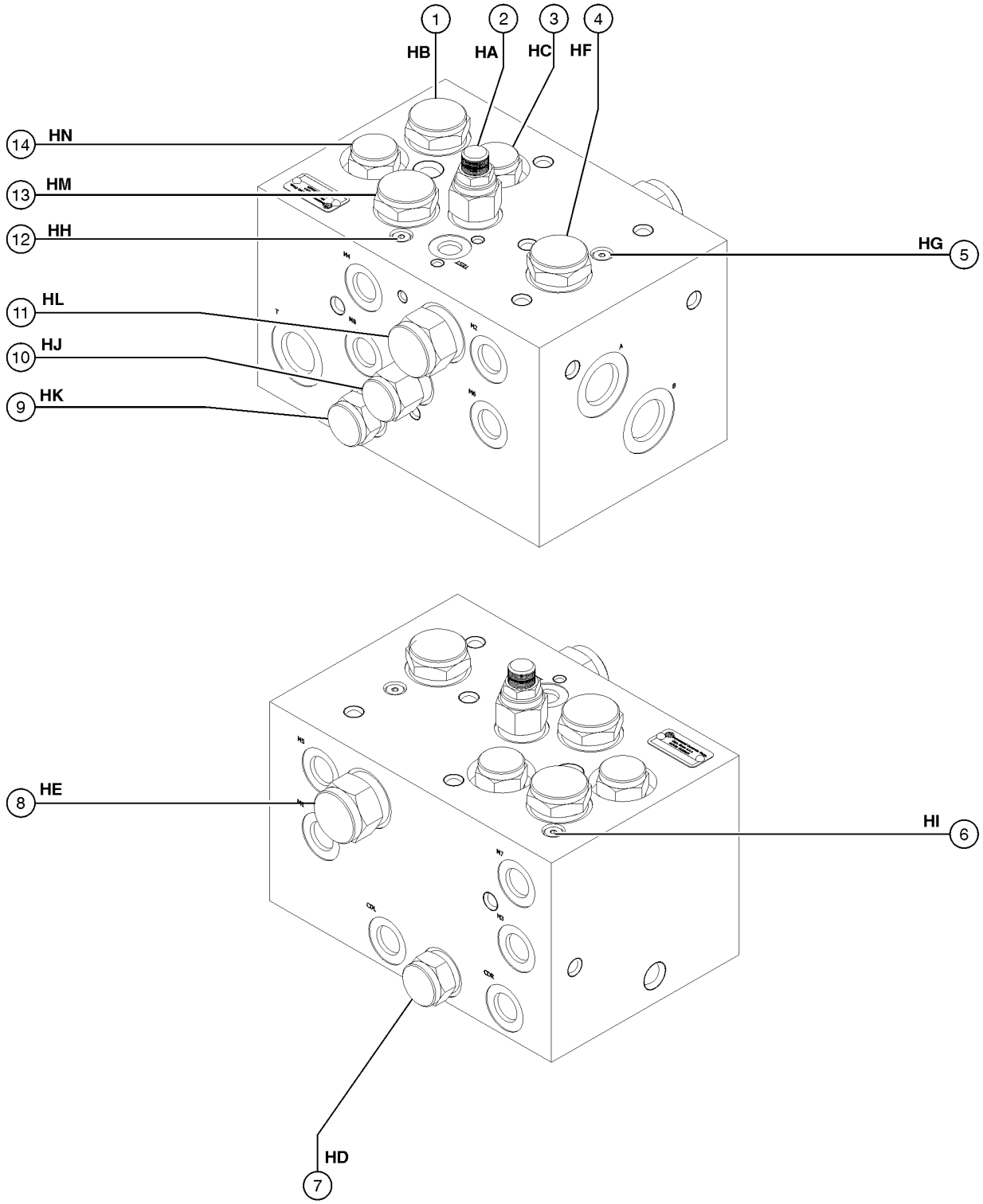
702.1 4WD Traction Manifold - View 1



702.1 4WD Traction Manifold - View 1

Item	Part No.	Description	Qty.
15	69873GT	VALVE, CHECK GN, Drive motor anti-cavitation	
16	62252GT	VALVE, FLOW DIVIDER COMBINER GO, Controls flow to non-steer end drive motors in forward and reverse	
16-	84135GT	SEAL KIT, VALVE	

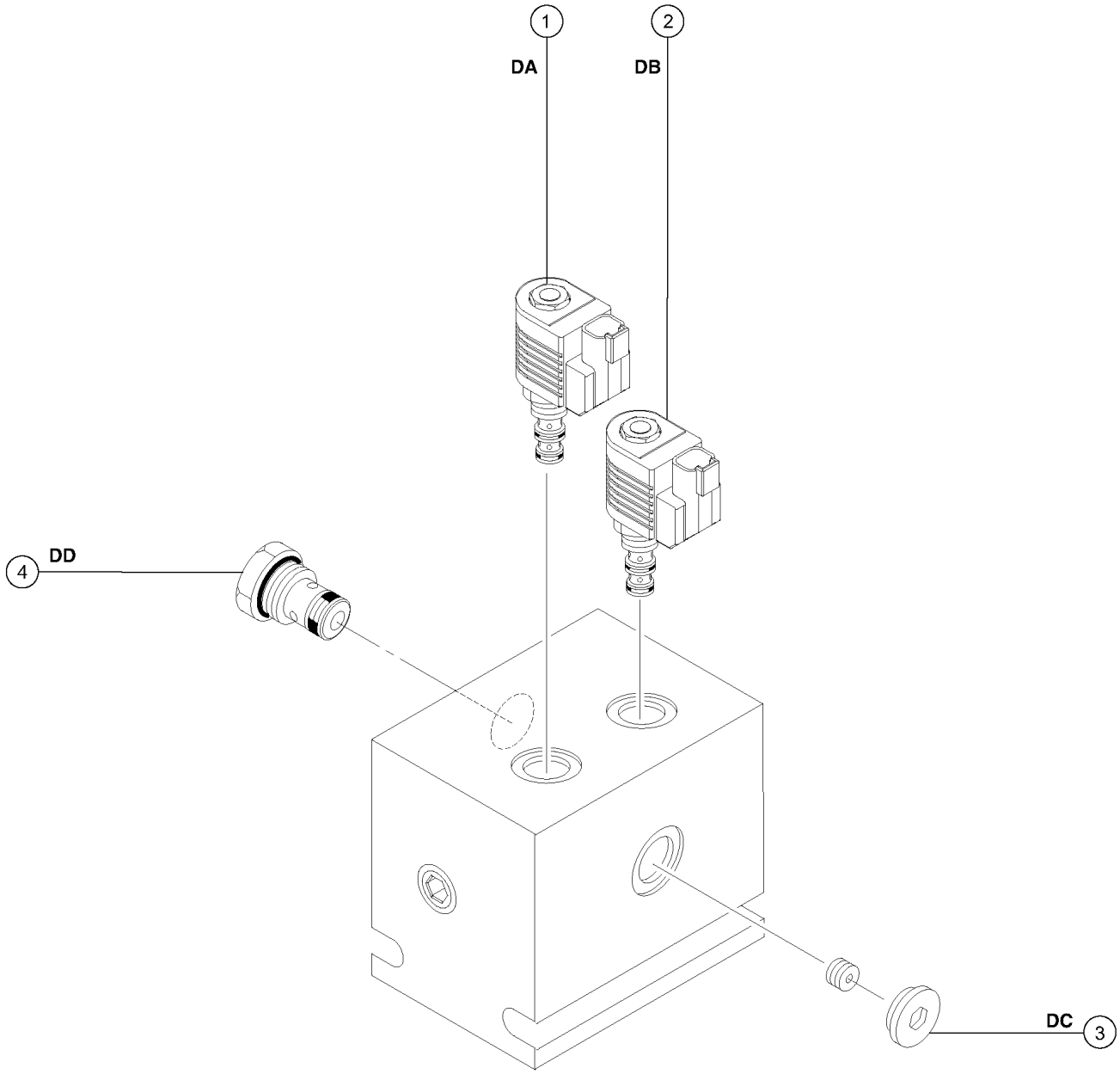
702.2 4WD Traction Manifold - View 2



702.2 4WD Traction Manifold - View 2

Item	Part No.	Description	Qty.
A-	139712GT	MANIFOLD,TRACTION,4WD*** (complete) customers can order this manifold to replace previous manifold part 81055	
A-	1287434GT	PLUG,SAE #03 (139712) Plug for ORIFICE, 0.040"	
B-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
C-	49612GT	O-RING KIT (ORFS FITTINGS)	
D-	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
E-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	139717GT	VALVE, FLOW DIVIDE/COMB,24GPM HB, (controls flow to non-steer end drive motors in forward and reverse)	1
1-	139512GT	SEAL KIT, VALVE	
2	139718GT	VALVE, RELIEF, 280PSI HA, (charge pressure circuit)	1
2-	139528GT	SEAL KIT, VALVE	
3	139527GT	VALVE, CHECK, 5PSI HC, (steer end drive motor circuit)	1
4	139508GT	VALVE, FLOW DIVIDE/COMBINE 1:1 HF, (controls flow to flow divider/combiner valves 1 and 13)	1
5	139719GT	ORIFICE, 0.040" HG, (equalizes pressure on both sides of flow divider/combiner valve)	1
6	139719GT	ORIFICE, 0.040" HI, (equalizes pressure on both sides of flow divider/combiner valve)	1
7	139527GT	VALVE, CHECK, 5PSI HD, (non-steer end drive motor circuit)	1
8	139716GT	VALVE, CHECK HE, (non-steer end drive motor circuit)	1
8-	139727GT	SEAL KIT, VALVE	
9	139527GT	VALVE, CHECK, 5PSI HK, (steer end drive motor circuit)	1
10	139715GT	VALVE, SHUTTLE, FIXED HJ, (steer end drive motor circuit)	1
10-	139512GT	SEAL KIT, VALVE	
11	139716GT	VALVE, CHECK HL, (charge pressure circuit that directs hot oil out of low pressure side of drive pump)	1
12	139719GT	ORIFICE, 0.040" HH, (equalizes pressure on both sides of flow divider/combiner valve)	1
13	139717GT	VALVE, FLOW DIVIDE/COMB,24GPM HM, (controls flow to steer end drive motors in forward and reverse)	1
13-	139512GT	SEAL KIT, VALVE	
14	139527GT	VALVE, CHECK, 5PSI HN, (non-steer end drive motor circuit)	1

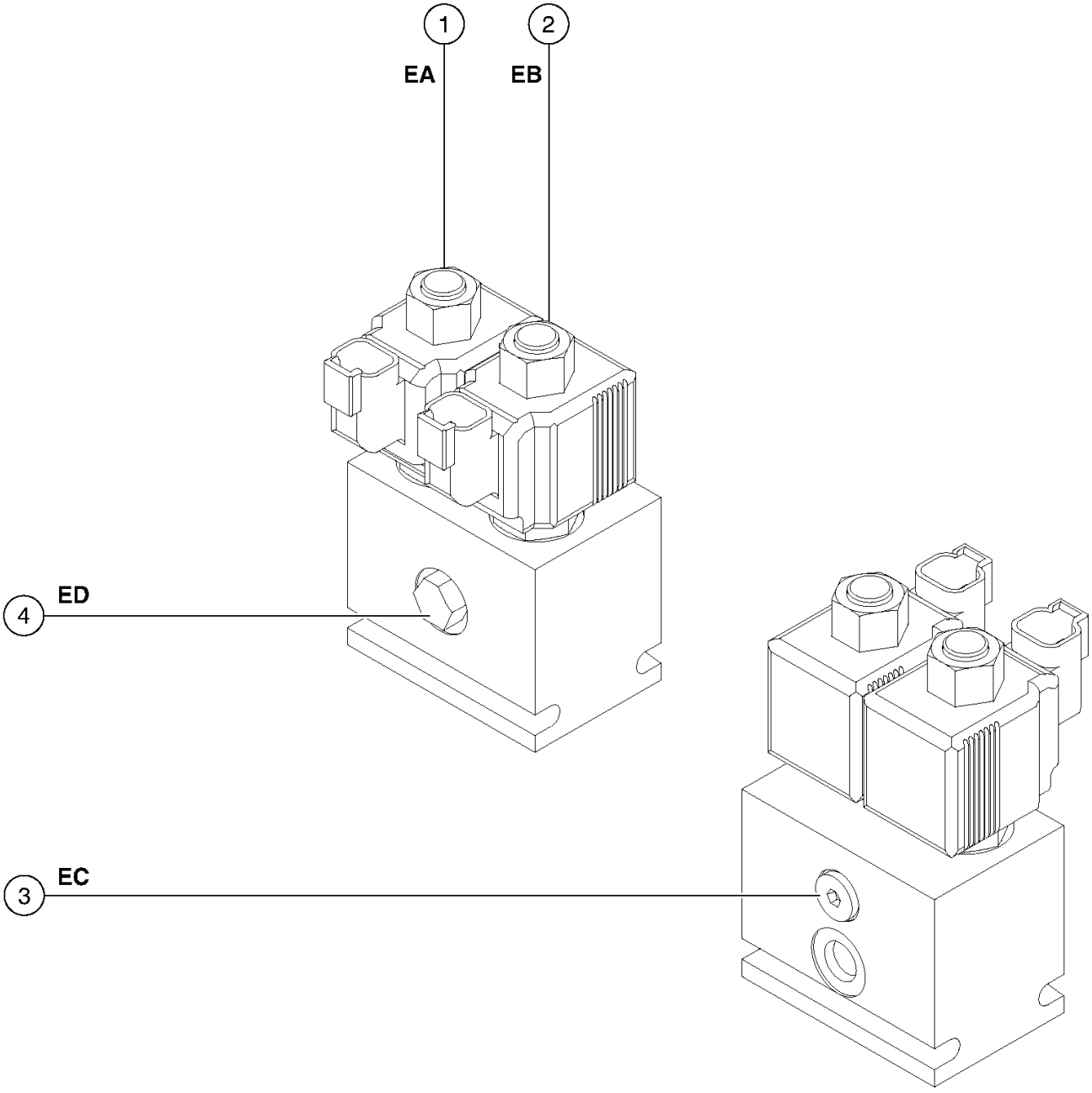
703.1 Two-Speed/Brake Manifold (to SN 4460)



703.1 Two-Speed/Brake Manifold (to SN 4460)

Item	*Part No.*	*Description*	*Qty.*
	89175GT	MANIFOLD,BRAKE/MOTOR SHIFT	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY DA, Brake	
1-	52943GT	NUT, SOLENOID VALVE COIL	
1-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
2	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY DB, Two speed circuit	
2-	52943GT	NUT, SOLENOID VALVE COIL	
2-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
3	89300GT	PLUG, .042 ORIFICE, 1/16 NPT DC, Brake and 2-speed circuit	
4	27807GT	VALVE,CHECK*** DD, Charge pressure circuit	

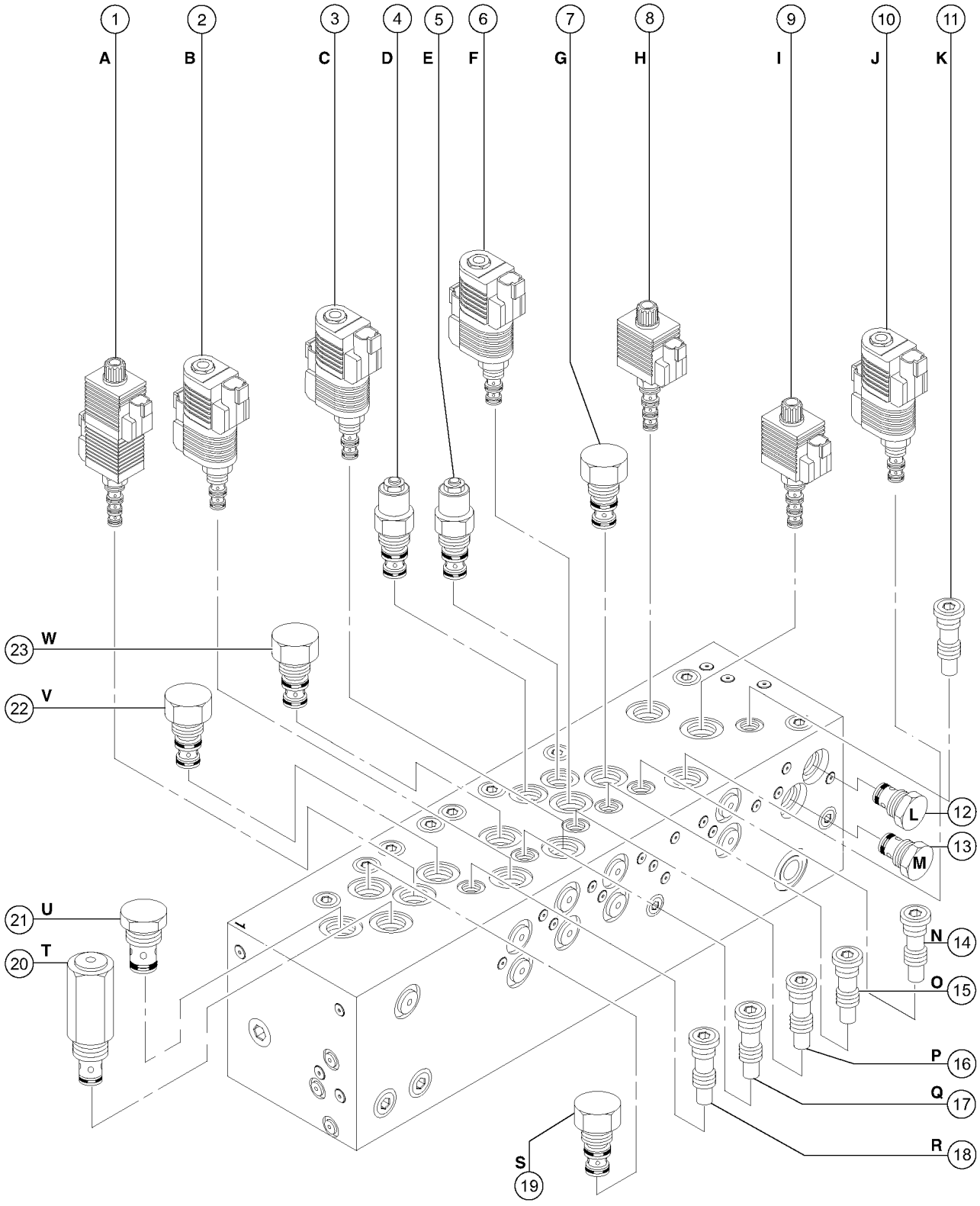
703.2 Two-Speed/Brake Manifold (from SN 4461)



703.2 Two-Speed/Brake Manifold (from SN 4461)

Item	Part No.	Description	Qty.
	102030GT	MANIFOLD,BRAKE/MOTOR SHIFT***	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	89769GT	VALVE - SOLENOID 2 POS 2 WAY EA, Brake circuit	
1-	89733GT	COIL SOLENOID VALVE***	
1-	89735GT	NUT ASSY (89769)*** includes coil nut	
1-	89770GT	SEAL KIT, SOLENOID VALVE	
2	89769GT	VALVE - SOLENOID 2 POS 2 WAY EB, Two-speed circuit	
2-	89733GT	COIL SOLENOID VALVE***	
2-	89735GT	NUT ASSY (89769)*** includes coil nut	
2-	89770GT	SEAL KIT, SOLENOID VALVE	
3	27807GT	VALVE,CHECK*** EC, Charge pressure circuit	
3-	110200GT	SEAL KIT, VALVE, #4	
4	89300GT	PLUG, .042 ORIFICE, 1/16 NPT ED, Tank circuit	

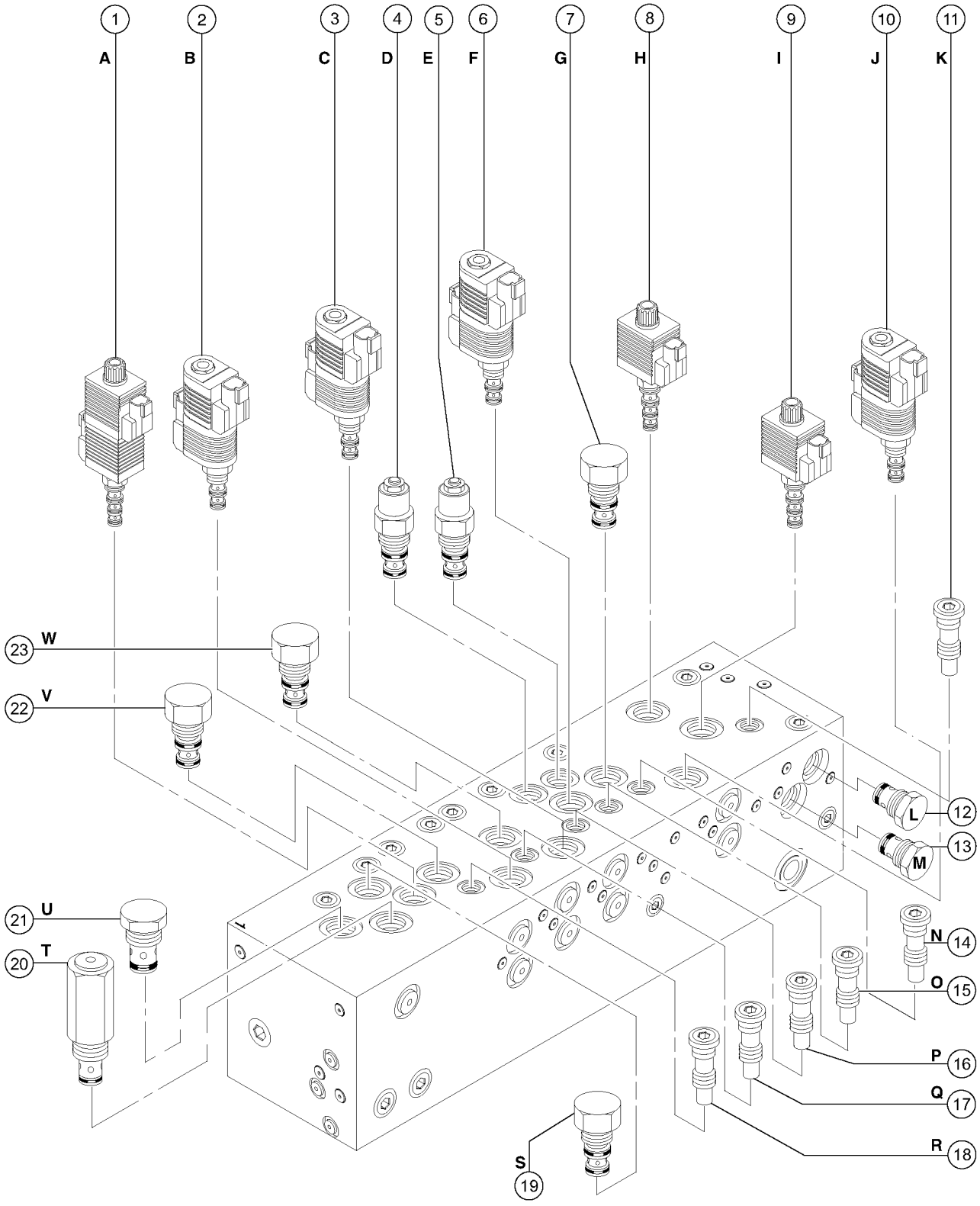
704.1 Function Manifold - View 1 (to SN 4460)



704.1 Function Manifold - View 1 (to SN 4460)

Item	Part No.	Description	Qty.
	89679GT	MANIFOLD,FUNCTION,Z60, 2002 Complete	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	111703GT	VALVE,SOLENOID 3 POS,4 WAY*** A, Steer left/right	
1-	77893GT	VALVE,SOL.ARCTIC STEER,BB	
1-	62277GT	COIL,10V	
1-	89722GT	SEAL KIT, SOLENOID VALVE	
1-	52943GT	NUT, SOLENOID VALVE COIL	
2	89307GT	VALVE,SOLENOID 3POS 4WAY* B, Secondary boom up/down	
2-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
2-	72047GT	SEAL KIT, SOLENOID VALVE	
2-	52943GT	NUT, SOLENOID VALVE COIL	
2-	89311GT	SPACER, DUAL COIL SIZE #8	
3	89307GT	VALVE,SOLENOID 3POS 4WAY* C, Primary boom up/down	
3-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
3-	72047GT	SEAL KIT, SOLENOID VALVE	
3-	52943GT	NUT, SOLENOID VALVE COIL	
3-	89311GT	SPACER, DUAL COIL SIZE #8	
4	62256GT	VALVE,CB 3:1 3500 PSI D, Platform level up/down and motion control	
4-	110202GT	SEAL KIT, VALVE, #10	
5	62256GT	VALVE,CB 3:1 3500 PSI E, Platform level up/down and motion control	
5-	110202GT	SEAL KIT, VALVE, #10	
6	89307GT	VALVE,SOLENOID 3POS 4WAY* F, Platform level up/down	
6-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
6-	72047GT	SEAL KIT, SOLENOID VALVE	
6-	52943GT	NUT, SOLENOID VALVE COIL	

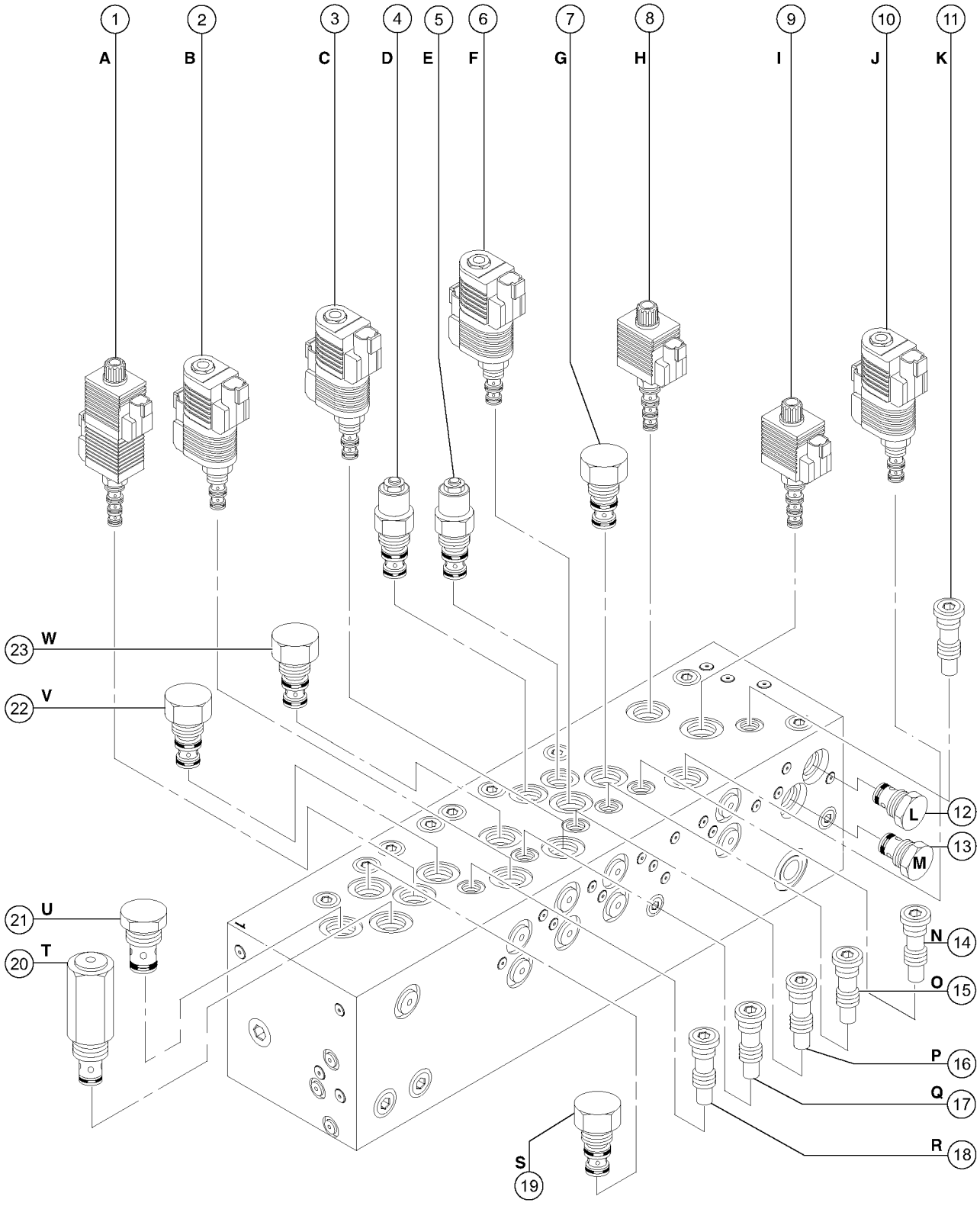
704.1 Function Manifold - View 1 (to SN 4460)



704.1 Function Manifold - View 1 (to SN 4460)

Item	Part No.	Description	Qty.
6-	89311GT	SPACER, DUAL COIL SIZE #8	
7	27802GT	VALVE,DIFFERENTIAL SENSING*** G, Turntable rotate left/right	
8	89309GT	VALVE - SOLENOID 2POSITION 3WA H, Boom extend	
8-	89310GT	SEAL KIT, SOLENOID VALVE	
8-	45912GT	NUT,SOLENOID VALVE 2P3W	
8-	89306GT	COIL, SOLENOID VALVE	
9	89309GT	VALVE - SOLENOID 2POSITION 3WA I, Boom retract	
9-	89310GT	SEAL KIT, SOLENOID VALVE	
9-	45912GT	NUT,SOLENOID VALVE 2P3W	
9-	89306GT	COIL, SOLENOID VALVE	
10	89307GT	VALVE,SOLENOID 3POS 4WAY* J, Turntable rotate left/right	
10-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
10-	72047GT	SEAL KIT, SOLENOID VALVE	
10-	52943GT	NUT, SOLENOID VALVE COIL	
10-	89311GT	SPACER, DUAL COIL SIZE #8	
11	43599GT	VALVE,CHECK K, Boom extend	
11-	110200GT	SEAL KIT, VALVE, #4	
12	62257GT	VALVE,CHECK, 30 PSI L, Jib boom select	
13	32975GT	VALVE,FLOW REGULATOR 0.1 GPM M, Flow control	
14	43599GT	VALVE,CHECK N, Turntable rotate left/right	
15	43599GT	VALVE,CHECK O, Platform level up	
16	43599GT	VALVE,CHECK P, Platform level down	
17	43599GT	VALVE,CHECK Q, Primary boom up/down	
18	43599GT	VALVE,CHECK R, Secondary boom up/down	
19	111705GT	VALVE,FLOW REGULATOR 3.5 GPM** S, Steer left/right	
20	31529GT	VALVE,RELIEF 2400 PSI*** T, System relief	
21	27836GT	VALVE,CHECK,5 PSI U, Pressure in from drive pump	
22	27802GT	VALVE,DIFFERENTIAL SENSING*** V, Secondary boom up/down	

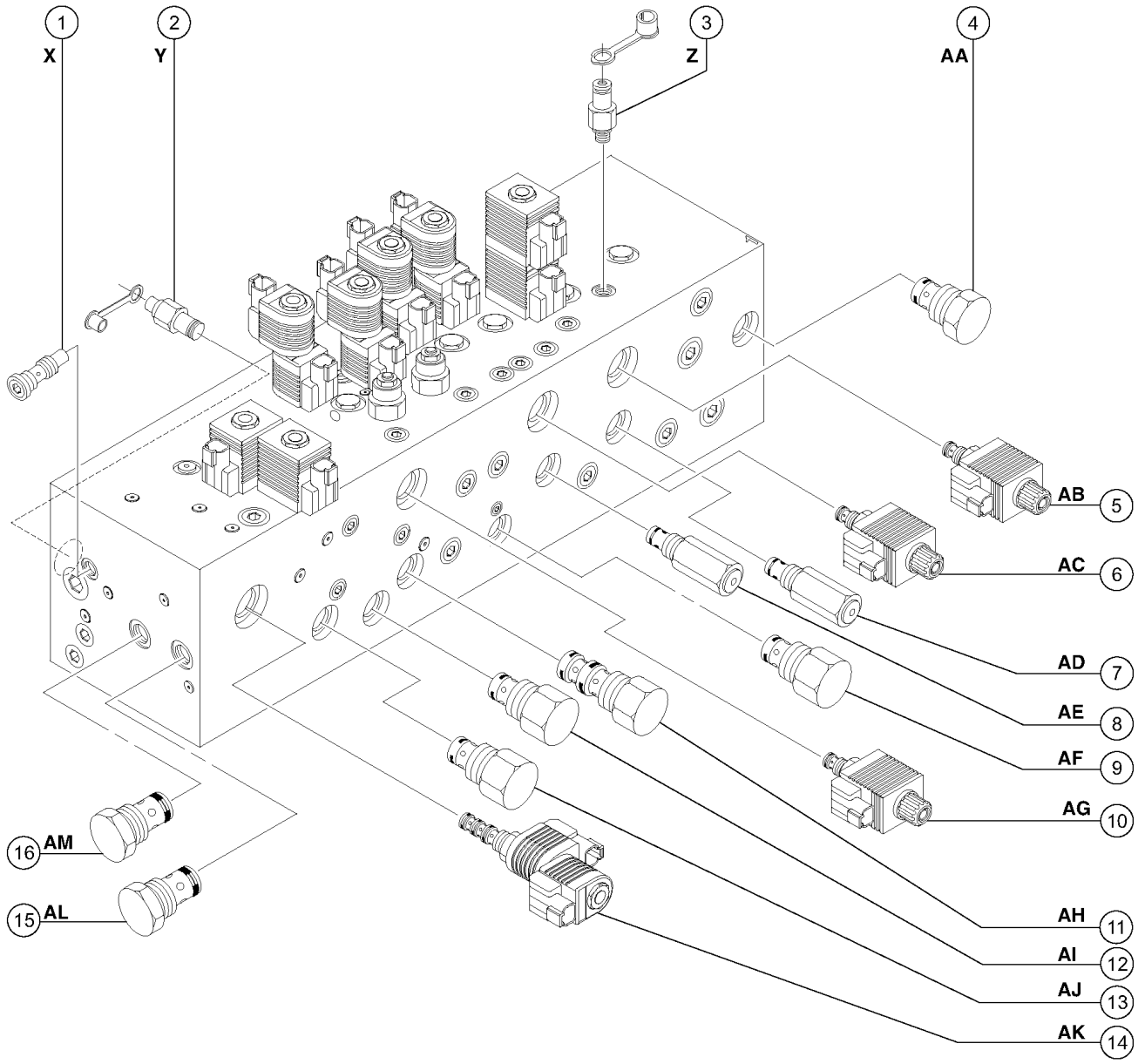
704.1 Function Manifold - View 1 (to SN 4460)



704.1 Function Manifold - View 1 (to SN 4460)

Item	*Part No.*	*Description*	*Qty.*
23	27802GT	VALVE,DIFFERENTIAL SENSING*** . . . . . W, Primary boom up/down	

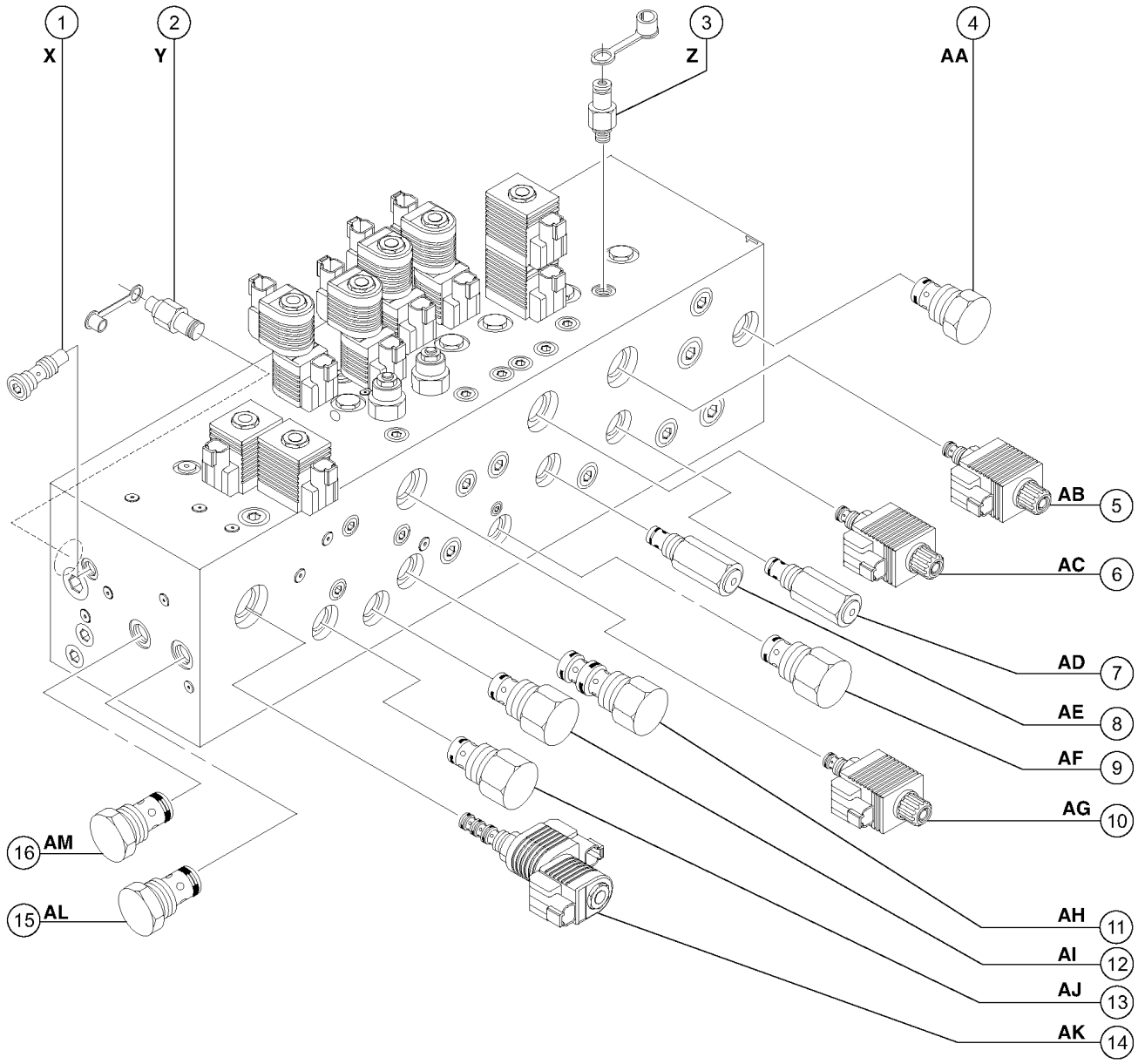
705.1 Function Manifold - View 2 (to SN 4460)



705.1 Function Manifold - View 2 (to SN 4460)

Item	Part No.	Description	Qty.
1	43599GT	VALVE,CHECK X, Boom retract	
1-	110200GT	SEAL KIT, VALVE, #4	
2	48997GT	NIPPLE,DIAGNOSTIC,#4 Y, Testing	
2-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
2-	48880GT	CAP,DIAGNOSTIC NIPPLE	
3	48997GT	NIPPLE,DIAGNOSTIC,#4 Z, Testing	
3-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
3-	48880GT	CAP,DIAGNOSTIC NIPPLE	
4	62259GT	VALVE,CHECK 30 PSI AA, To tank	
5	94598GT	VALVE,PROPORTIONAL*** AB, Secondary boom down	
5-	62276GT	NUT, SOLENOID VALVE COIL	
5-	89312GT	SEAL KIT, SOLENOID VALVE	
5-	62276GT	NUT, SOLENOID VALVE COIL	
6	62255GT	VALVE,PROPORTIONAL*** AC, Primary boom down	
6-	62276GT	NUT, SOLENOID VALVE COIL	
6-	89312GT	SEAL KIT, SOLENOID VALVE	
6-	62276GT	NUT, SOLENOID VALVE COIL	
7	31528GT	VALVE,RELIEF 1600 PSI AD, Secondary boom up/down	
8	31527GT	VALVE,RELIEF 1800 PSI AE, Primary boom up/down	
9	89678GT	VALVE,NEEDLE W/REV.FREE FLOW AF, Platform level	
10	62255GT	VALVE,PROPORTIONAL*** AG, Turntable rotate left/right	
10-	62276GT	NUT, SOLENOID VALVE COIL	
10-	89312GT	SEAL KIT, SOLENOID VALVE	
10-	62276GT	NUT, SOLENOID VALVE COIL	
11	27804GT	VALVE,DIFFERENTIAL SENSING*** AH, Function pressure control	
12	89315GT	VALVE, FLOW REGULATOR AI, Boom extend retract	
13	19470GT	VALVE,FLOW REGULATOR AJ, Jib select	
14	89307GT	VALVE,SOLENOID 3POS 4WAY* AK, Jib up/down and platform rotate left/right	

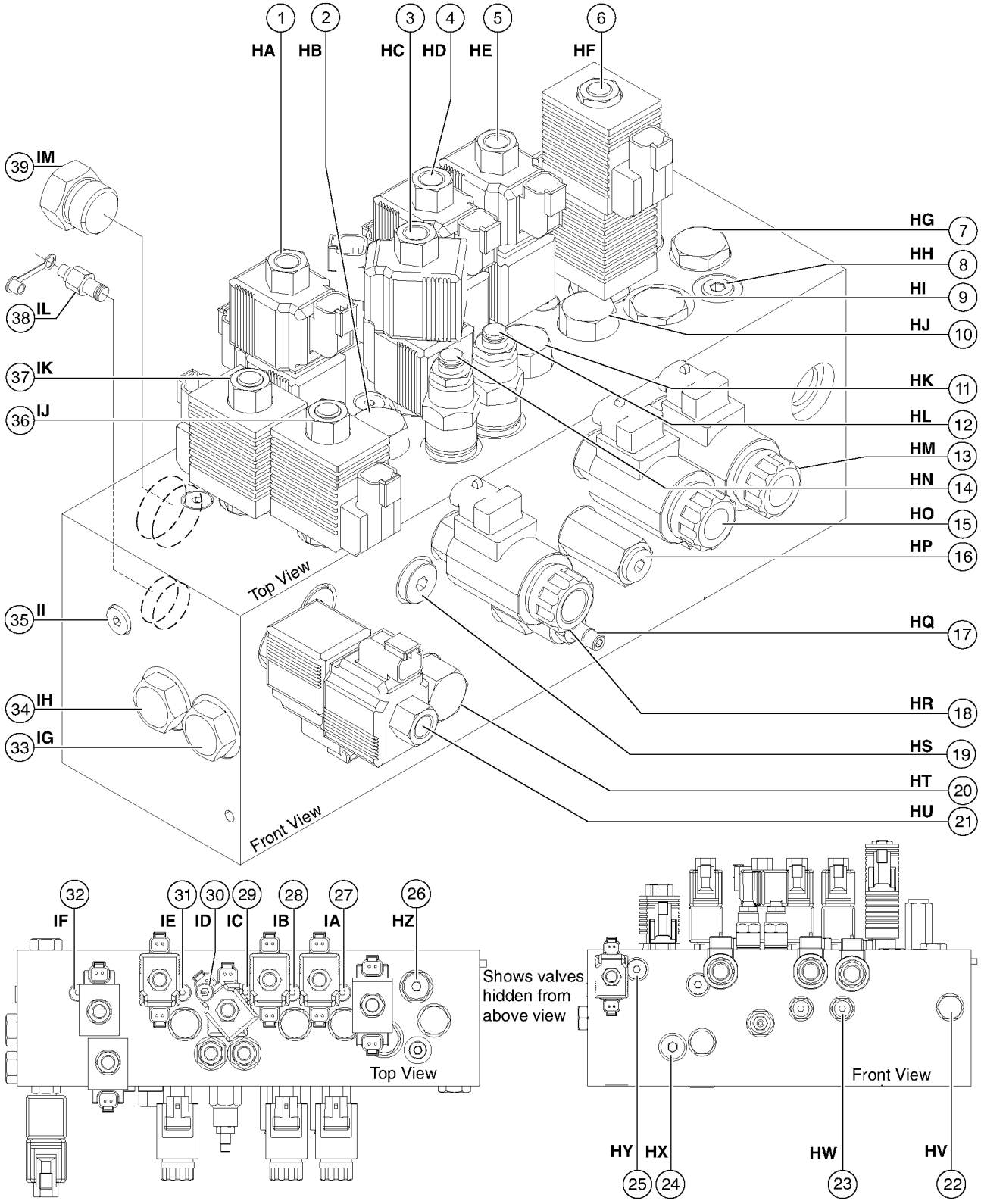
705.1 Function Manifold - View 2 (to SN 4460)



705.1 Function Manifold - View 2 (to SN 4460)

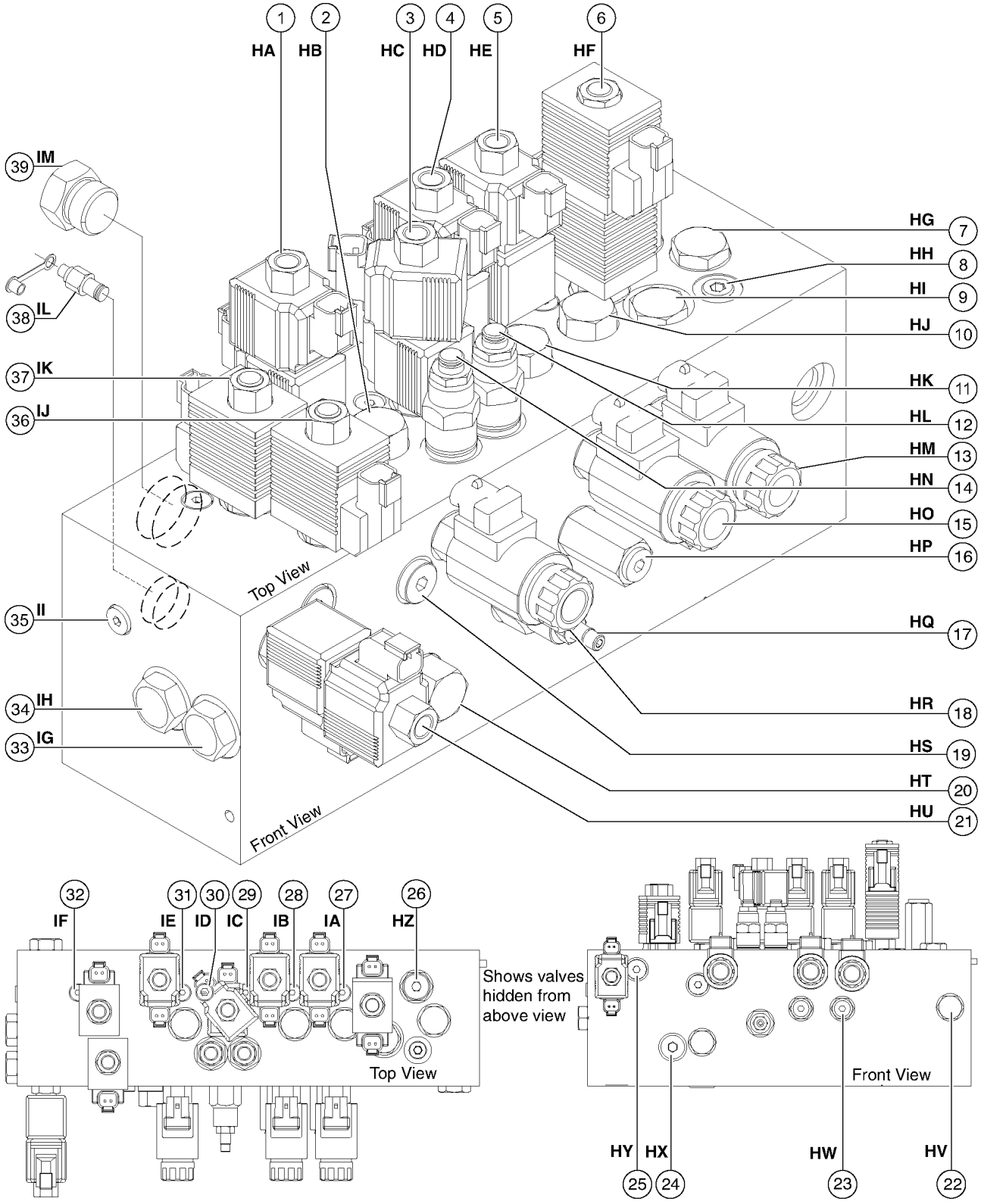
Item	*Part No.*	*Description*	*Qty.*
14-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
14-	72047GT	SEAL KIT, SOLENOID VALVE	
14-	89311GT	SPACER, DUAL COIL SIZE #8	
14-	52943GT	NUT, SOLENOID VALVE COIL	
15	62257GT	VALVE,CHECK, 30 PSI AL, Jib select	
16	62257GT	VALVE,CHECK, 30 PSI AM, Jib select	

706.1 Function Manifold (from SN 4461)



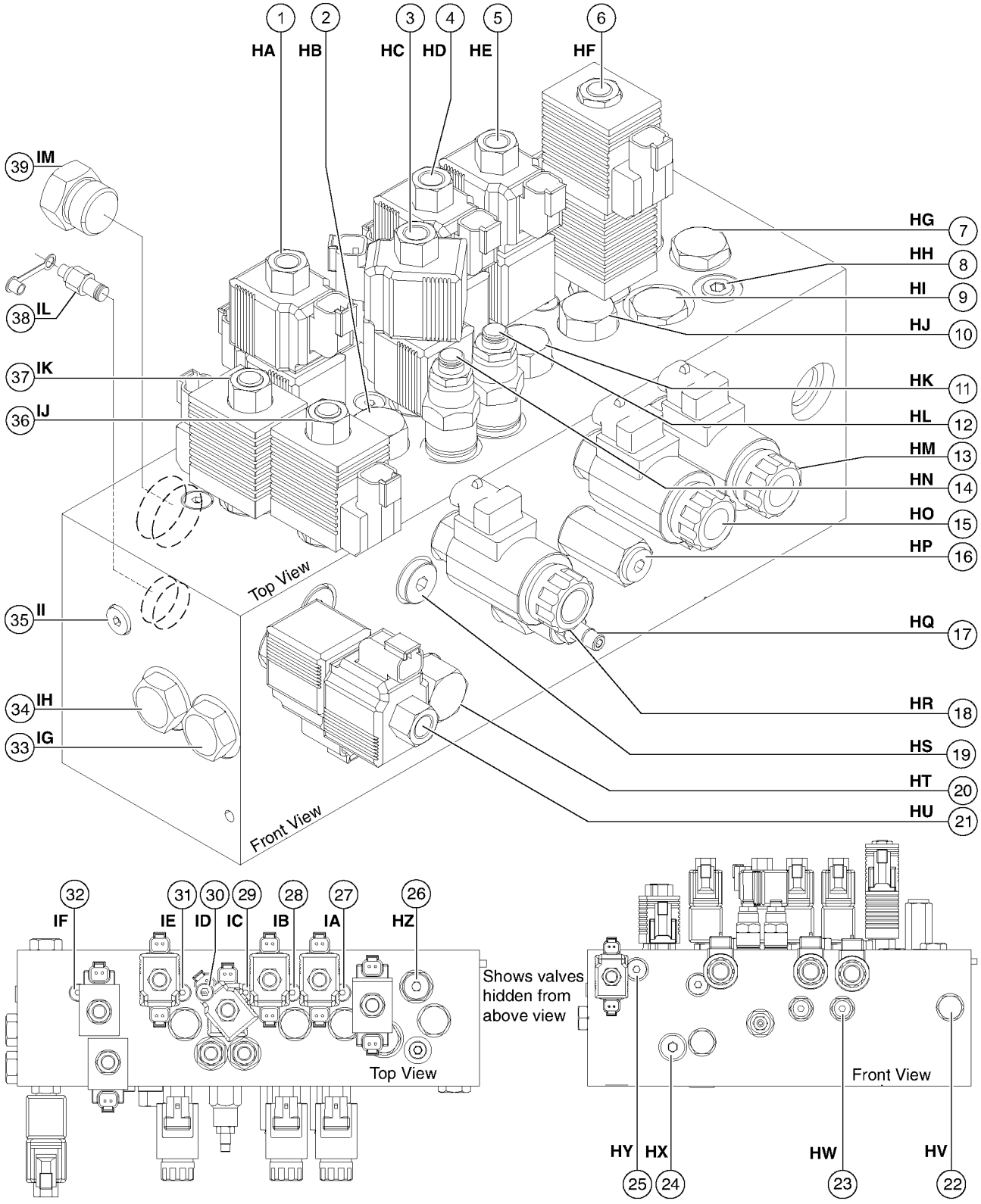
Item	Part No.	Description	Qty.
	111702GT	MANIFOLD,FUNCTION,Z60 Complete	
	1260125GT	PLUG, 8 SAE, TAPERED, BUNA for 111702	
	1260124GT	PLUG, 6 SAE, TAPERED, BUNA for 111702	
	69550GT	PLUG,ORB #4 for 111702	
	89214GT	HARNESS,GBOX,FUNCT. MNFLD,Z60	
	102172GT	HARNESS,FUNCTION MANIFOLD,Z60 from SN 4496	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	89726GT	VALVE KIT, SOLENOID, 3POS 4WAY HA, Turntable rotate left/right	
1-	102531GT	VALVE,SOLENOID (89726)	
1-	89733GT	COIL SOLENOID VALVE***	
1-	89734GT	SEAL KIT,SOLENOID VALVE	
1-	102940GT	NUT,SOLENOID VALVE	
2	27802GT	VALVE,DIFFERENTIAL SENSING*** HB, Turntable rotate left/right	
3	89726GT	VALVE KIT, SOLENOID, 3POS 4WAY HC, Platform level up/down	
3-	102531GT	VALVE,SOLENOID (89726)	
3-	89733GT	COIL SOLENOID VALVE***	
3-	89734GT	SEAL KIT,SOLENOID VALVE	
3-	102940GT	NUT,SOLENOID VALVE	
4	89726GT	VALVE KIT, SOLENOID, 3POS 4WAY HD, Primary boom up/down	
4-	102531GT	VALVE,SOLENOID (89726)	
4-	89733GT	COIL SOLENOID VALVE***	
4-	89734GT	SEAL KIT,SOLENOID VALVE	
4-	102940GT	NUT,SOLENOID VALVE	
5	89726GT	VALVE KIT, SOLENOID, 3POS 4WAY HE, Secondary boom up/down; from SN 4461	
5-	102531GT	VALVE,SOLENOID (89726)	

706.1 Function Manifold (from SN 4461)



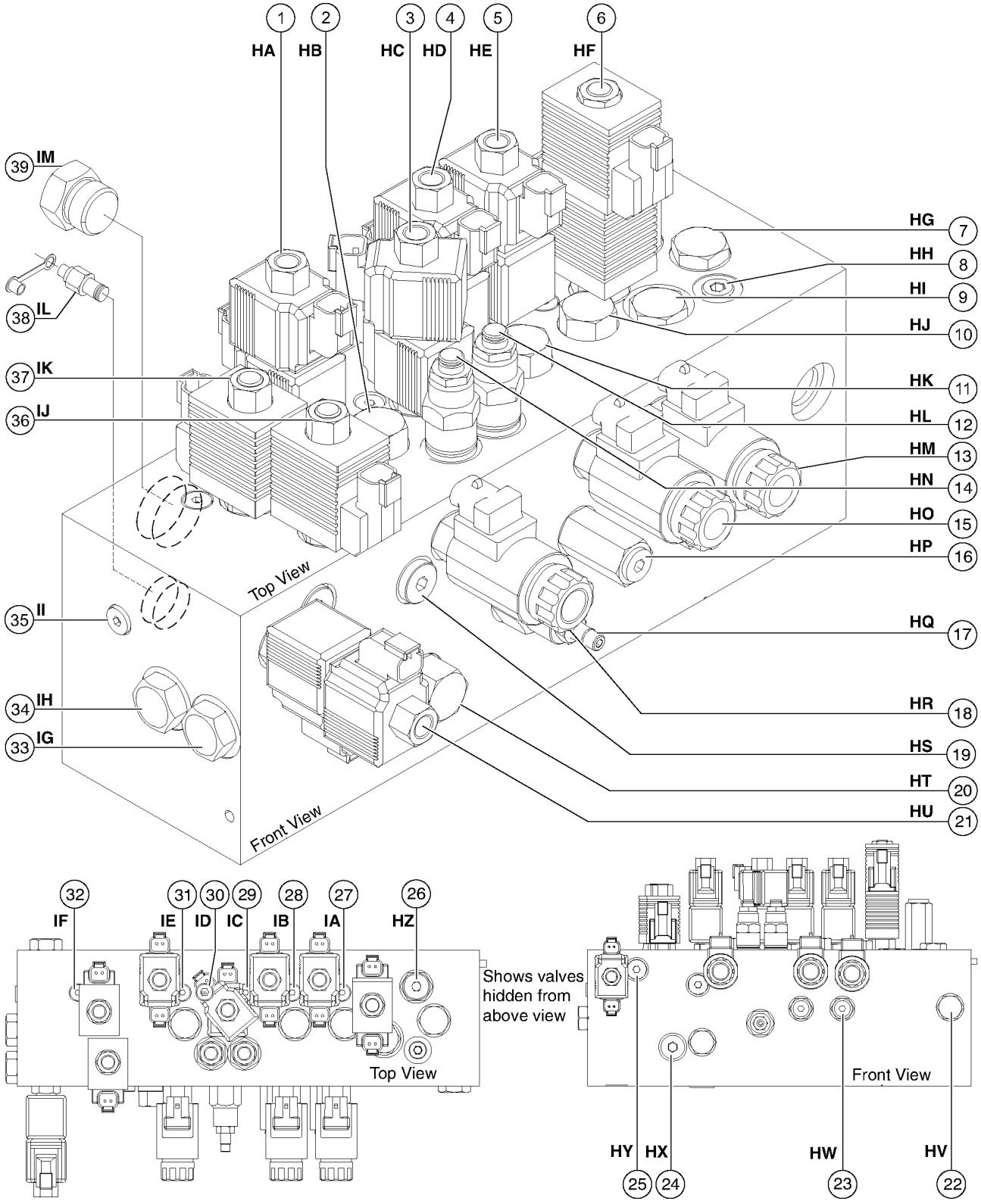
Item	Part No.	Description	Qty.
5-	89733GT	COIL SOLENOID VALVE***	
5-	89734GT	SEAL KIT,SOLENOID VALVE	
5-	102940GT	NUT,SOLENOID VALVE	
6	111703GT	VALVE,SOLENOID 3 POS,4 WAY*** HF, Steer left/right; from SN 4461	
6-	62277GT	COIL,10V	
6-	111778GT	COIL,10V DC(D10,26 WATT)	
6-	89722GT	SEAL KIT, SOLENOID VALVE	
6-	111779GT	SEAL KIT,VALVE,#10	
6-	52943GT	NUT, SOLENOID VALVE COIL	
7	27836GT	VALVE,CHECK,5 PSI HG, Pressure in from drive pump; from SN 4461	
8	48997GT	NIPPLE,DIAGNOSTIC,#4 HH, Testing; from SN 4461	
8-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
8-	48880GT	CAP,DIAGNOSTIC NIPPLE	
9	111705GT	VALVE,FLOW REGULATOR 3.5 GPM** HI, Steer left/right; from SN 4461	
10	27802GT	VALVE,DIFFERENTIAL SENSING*** HJ, Secondary boom up/down; from SN 4461	
11	27802GT	VALVE,DIFFERENTIAL SENSING*** HK, Primary boom up/down; from SN 4461	
12	62256GT	VALVE,CB 3:1 3500 PSI HL, Platform level up/down and motion control; from SN 4461	
12-	110202GT	SEAL KIT, VALVE, #10	
13	102528GT	VALVE,PROPORTIONAL HM, Secondary boom down; from SN 4461	
13-	89738GT	NUT, PROPORTIONAL VALVE	
13-	89737GT	COIL, PROPORTIONAL VALVE***	
13-	102526GT	O-RING, PROPORTIONAL VALVE	
14	62256GT	VALVE,CB 3:1 3500 PSI HN, Platform level up/down and motion control; from SN 4461	
14-	110202GT	SEAL KIT, VALVE, #10	
15	102527GT	VALVE,PROPORTIONAL HO, Primary boom down; from SN 4461	
15-	89312GT	SEAL KIT, SOLENOID VALVE	
15-	89738GT	NUT, PROPORTIONAL VALVE	
15-	89737GT	COIL, PROPORTIONAL VALVE***	

706.1 Function Manifold (from SN 4461)

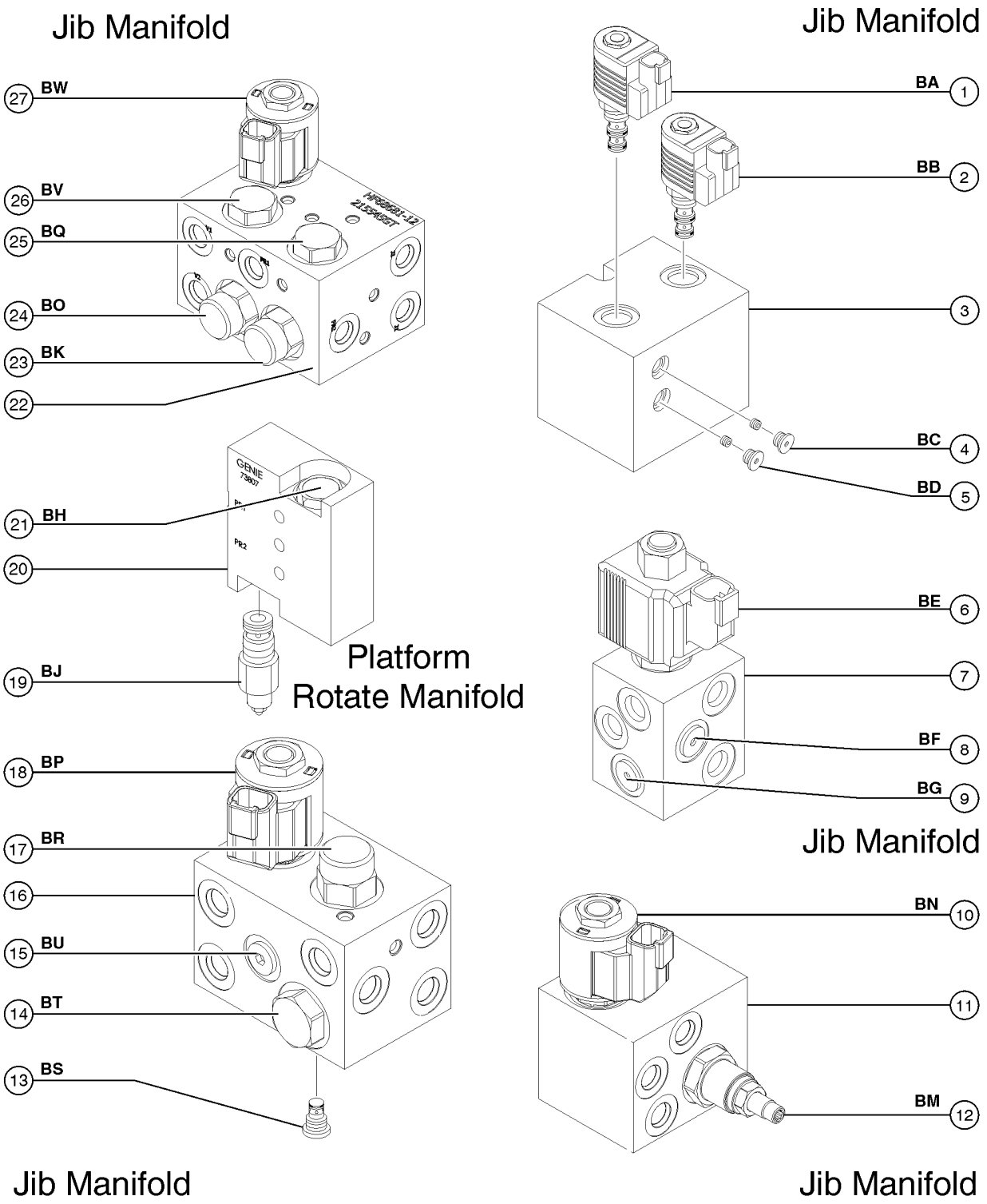


Item	Part No.	Description	Qty.
15-	102526GT	O-RING, PROPORTIONAL VALVE	
16	31527GT	VALVE,RELIEF 1800 PSI HP, Primary boom up/down; from SN 4461	
17	62258GT	VALVE,NEEDLE*** HQ, Platform level; from SN 4461	
18	102527GT	VALVE,PROPORTIONAL HR, Turntable rotate left/right; from SN 4461	
18-	89312GT	SEAL KIT, SOLENOID VALVE	
18-	89738GT	NUT, PROPORTIONAL VALVE	
18-	89737GT	COIL, PROPORTIONAL VALVE***	
18-	102526GT	O-RING, PROPORTIONAL VALVE	
19	89728GT	VALVE, FLOW CONTROL HS, Load sense circuit; from SN 4461	
20	27804GT	VALVE,DIFFERENTIAL SENSING*** HT, Function pressure control; from SN 4461	
21	89726GT	VALVE KIT, SOLENOID, 3POS 4WAY HU, Jib up/down and platform rotate left/right; from SN 4461	
21-	102531GT	VALVE,SOLENOID (89726)	
21-	89733GT	COIL SOLENOID VALVE***	
21-	89734GT	SEAL KIT,SOLENOID VALVE	
21-	102940GT	NUT,SOLENOID VALVE	
22	62259GT	VALVE,CHECK 30 PSI HV, Tank return circuit	
23	102530GT	VALVE, RELIEF 1600 PSI HW, Secondary boom up/down	
24	89729GT	VALVE, FLOW CONTROL HX, Boom extend retract	
25	89730GT	VALVE, FLOW CONTROL HY, Jib select	
26	102617GT	VALVE,RELIEF 2600 PSI HZ, System relief	
27	27807GT	VALVE,CHECK*** IA, Secondary boom up/down	
27-	110200GT	SEAL KIT, VALVE, #4	
28	27807GT	VALVE,CHECK*** IB, Primary boom up/down	
28	110200GT	SEAL KIT, VALVE, #4	
29	27807GT	VALVE,CHECK*** IC, Platform level down	
29-	110200GT	SEAL KIT, VALVE, #4	
30	27807GT	VALVE,CHECK*** ID, Platform level up	
30-	110200GT	SEAL KIT, VALVE, #4	

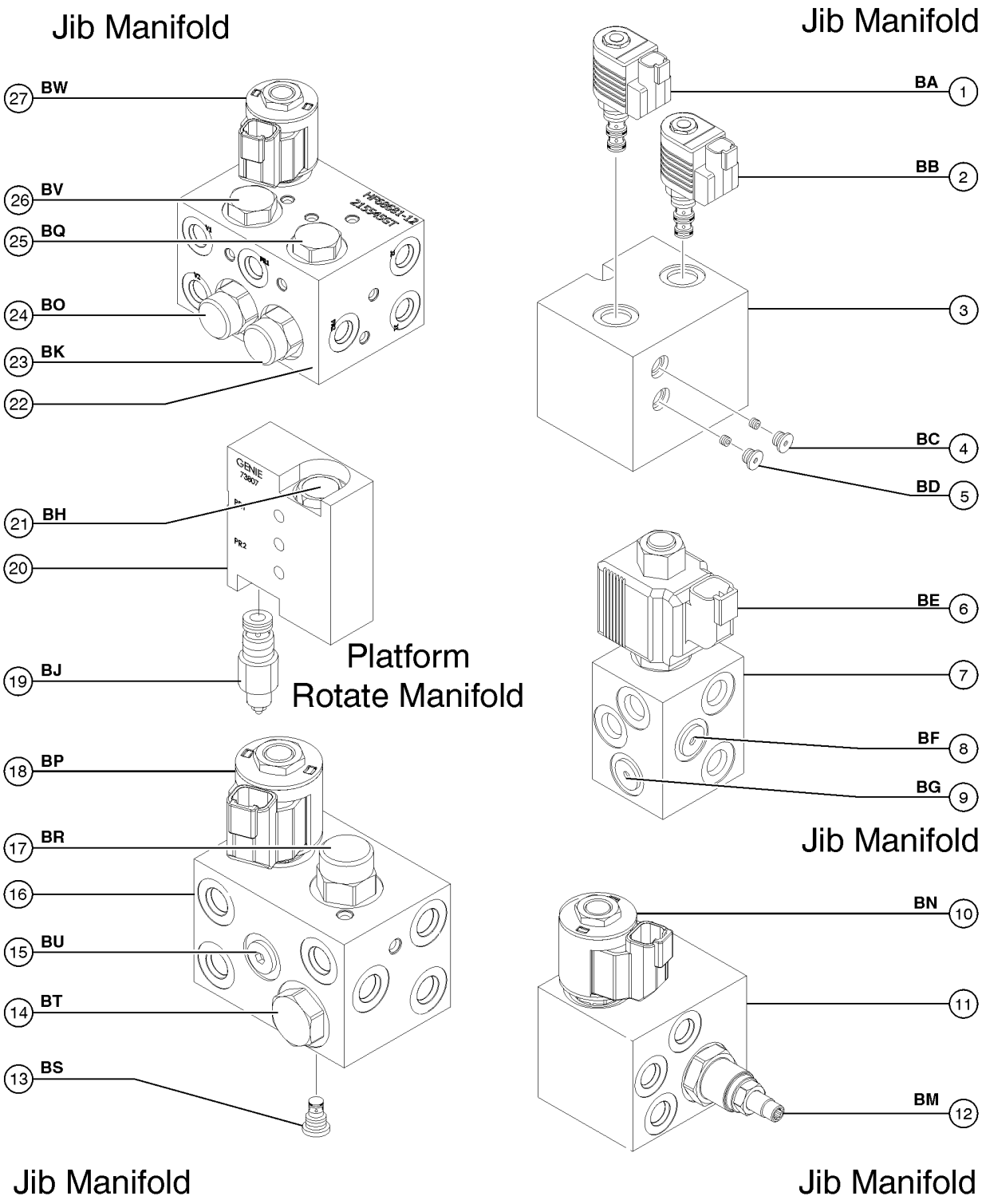
706.1 Function Manifold (from SN 4461)



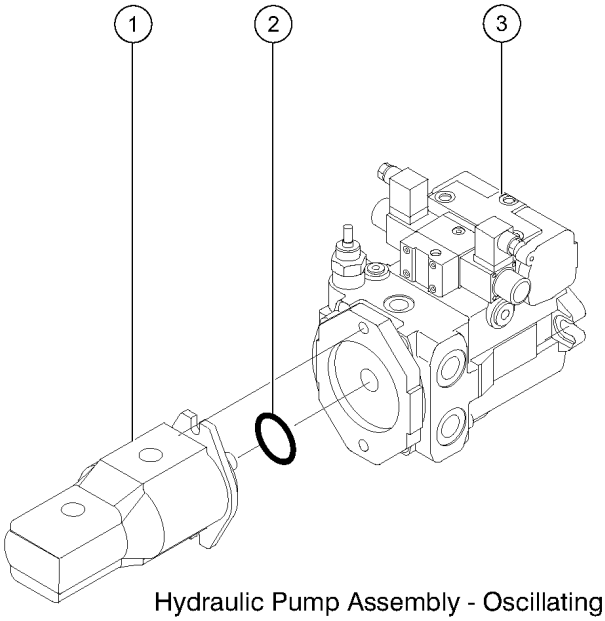
Item	Part No.	Description	Qty.
31	27807GT	VALVE,CHECK*** IE, Turntable rotate left/right	
31-	110200GT	SEAL KIT, VALVE, #4	
32	27807GT	VALVE,CHECK*** IF, Boom extend	
32-	110200GT	SEAL KIT, VALVE, #4	
33	27807GT	VALVE,CHECK*** IG, Jib select	
33-	110200GT	SEAL KIT, VALVE, #4	
34	27807GT	VALVE,CHECK*** IH, Jib select	
34	110200GT	SEAL KIT, VALVE, #4	
35	27807GT	VALVE,CHECK*** II, Boom retract	
35-	110200GT	SEAL KIT, VALVE, #4	
36	89309GT	VALVE - SOLENOID 2POSITION 3WA IJ, Boom retract	
36-	89310GT	SEAL KIT, SOLENOID VALVE	
36-	45912GT	NUT,SOLENOID VALVE 2P3W	
36-	62275GT	COIL,10V	
37	89309GT	VALVE - SOLENOID 2POSITION 3WA IK, Boom retract	
37-	89310GT	SEAL KIT, SOLENOID VALVE	
37-	45912GT	NUT,SOLENOID VALVE 2P3W	
37-	62275GT	COIL,10V	
38	48997GT	NIPPLE,DIAGNOSTIC,#4 IL, Testing	
38-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
38-	48880GT	CAP,DIAGNOSTIC NIPPLE	
39	89732GT	VALVE,CHECK IM, Jib boom select	


Jib Manifold
27 BW
26 BV
25 BQ
24 BO
23 BK
22
Jib Manifold
BA 1
BB 2
3
BC 4
BD 5
GENIE
73907
21 BH
20
19 BJ
Platform
Rotate Manifold
BE 6
7
BF 8
BG 9
Jib Manifold
18 BP
17 BR
16
15 BU
14 BT
13 BS
BN 10
11
BM 12
Jib Manifold
Jib Manifold

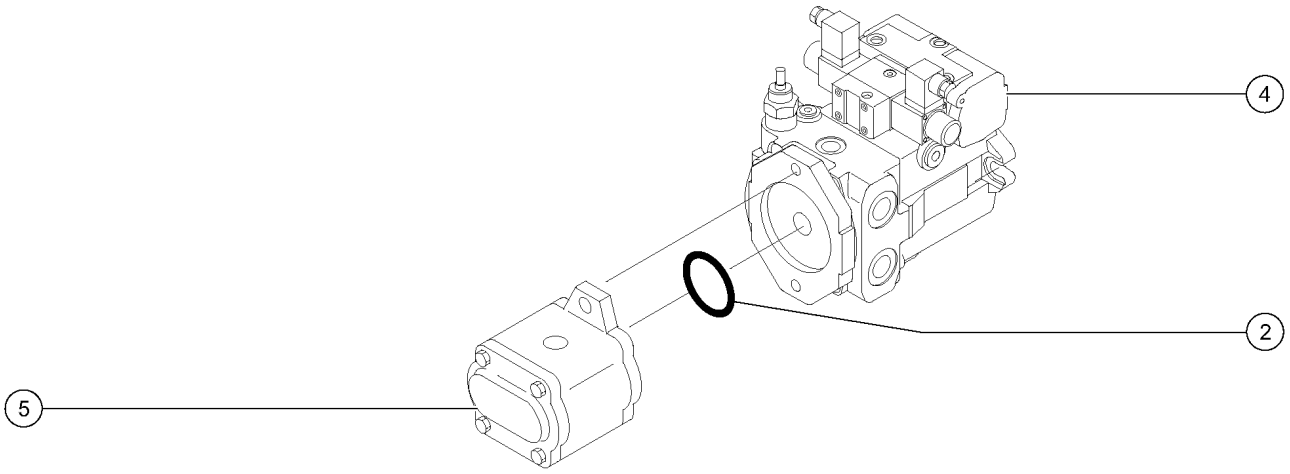
Item	Part No.	Description	Qty.
1	62262GT	VALVE,SOLENOID N/O (LONG)***	
		BA, Platform rotate	
1-	89297GT	SEAL KIT, SOLENOID VALVE	
1-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
1-	45912GT	NUT,SOLENOID VALVE 2P3W	
2	62267GT	VALVE,SOLENOID N/C (SHORT)***	
		BB, Jib boom up/down	
2-	89297GT	SEAL KIT, SOLENOID VALVE	
2-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
2-	52943GT	NUT, SOLENOID VALVE COIL	
3	89178GT	MANIFOLD,JIB,Z60***	
4	102496GT	ORIFICE,PLUG 0.030	
		BC, Platform rotate circuit	
5	102496GT	ORIFICE,PLUG 0.030	
		BD, Platform rotate circuit	
6	89769GT	VALVE - SOLENOID 2 POS 2 WAY	
		BE, Jib boom/platform rotate select	
6-	89770GT	SEAL KIT, SOLENOID VALVE	
6-	89733GT	COIL SOLENOID VALVE***	
6-	89735GT	NUT ASSY (89769)***	
		includes coil nut	
7		MANIFOLD,JIB,Z60	
		previous manifold 102029 is no longer available, order newer manifold part 215545; from SN 4461	
8	102496GT	ORIFICE,PLUG 0.030	
		BF, Platform rotate circuit	
9	102496GT	ORIFICE,PLUG 0.030	
		BG, Platform rotate circuit	
10	89862GT	VALVE-SOLENOID,2POS 3WAY,JIB**	
		BN, Jib boom/platform rotate select	
10-	228866GT	COIL,SOLENOID VALVE	
10-	89864GT	SEAL KIT,SOLENOID VALVE, SV07	
10-	44174GT	NUT-COIL SHORT	
11		JIB MANIFOLD COMBINATION VALVE	
		previous manifold T112471 is no longer available, order newer manifold part 215545; from SN 4461	
12	T112464GT	VALVE FLOW REGULATOR0.4GPM ADJ	
		BM, Platform rotate regulator	
12-	62337GT	SEAL KIT, VALVE	
13	52907GT	VALVE-CHECK, #4 SAE, 5 PSI*	
		BS, One way flow	
14	52370GT	VALVE,SHUTTLE,GS68	
		BT, Controls direction of flow	


Jib Manifold
27 BW
26 BV
25 BQ
24 BO
23 BK
22
Jib Manifold
BA 1
BB 2
3
BC 4
BD 5
GENIE
73907
21 BH
20
19 BJ
Platform
Rotate Manifold
BE 6
7
BF 8
BG 9
Jib Manifold
18 BP
17 BR
16
15 BU
14 BT
13 BS
BN 10
11
BM 12
Jib Manifold
Jib Manifold

Item	Part No.	Description	Qty.
15	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BU, One way flow	
16		MANIFOLD,JIB,Z60,FIXED FLOW previous manifold 233995 is no longer available, order newer manifold part 215545; from SN 4461	
17	233994GT	VALVE,FLOW REG 0.8GPM FIXED BR, Platform rotate	
18	52897GT	VALVE,SOLENOID, 2POS/3WAY*** BP, Jib boom up/down	
18-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
18-	52371GT	SEAL KIT, VALVE	
18-	44174GT	NUT-COIL SHORT	
19	62506GT	VALVE - COUNTERBALANCE** BJ, Platform rotate right	
19-	43018GT	SEAL KIT (39345)	
20	56929GT	MANIFOLD,ROTATOR,180 DEG.*** to SN 4460	
20-	73807GT	MANIFOLD,ROTATOR,CB*** from SN 4461	
20-	62507GT	O-RING, ROTATOR MANIFOLD	
21	62506GT	VALVE - COUNTERBALANCE** BH, Platform rotate left	
21-	43018GT	SEAL KIT (39345)	
22	215545GT	MANIFOLD,JIB,Z60,PRIORITY FLOW from SN 4461	
23	216638GT	VALVE FLOW,REG 0.3GPM FIXED BK, Platform rotate	
23-	216640GT	SEAL KIT FOR 216638	
24	216638GT	VALVE FLOW,REG 0.3GPM FIXED BO, Platform rotate	
24-	216640GT	SEAL KIT FOR 216638	
25	46216GT	VALVE,CHECK,IWP-S/CWP PWR ASSI BQ, Controls direction of flow	
25-	44227GT	SEAL KIT, VALVE	
26	46216GT	VALVE,CHECK,IWP-S/CWP PWR ASSI BV, Controls direction of flow	
26-	44227GT	SEAL KIT, VALVE	
27	52897GT	VALVE,SOLENOID, 2POS/3WAY*** BW, Jib boom up/down	
27-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
27-	52371GT	SEAL KIT, VALVE	
27-	44174GT	NUT-COIL SHORT	



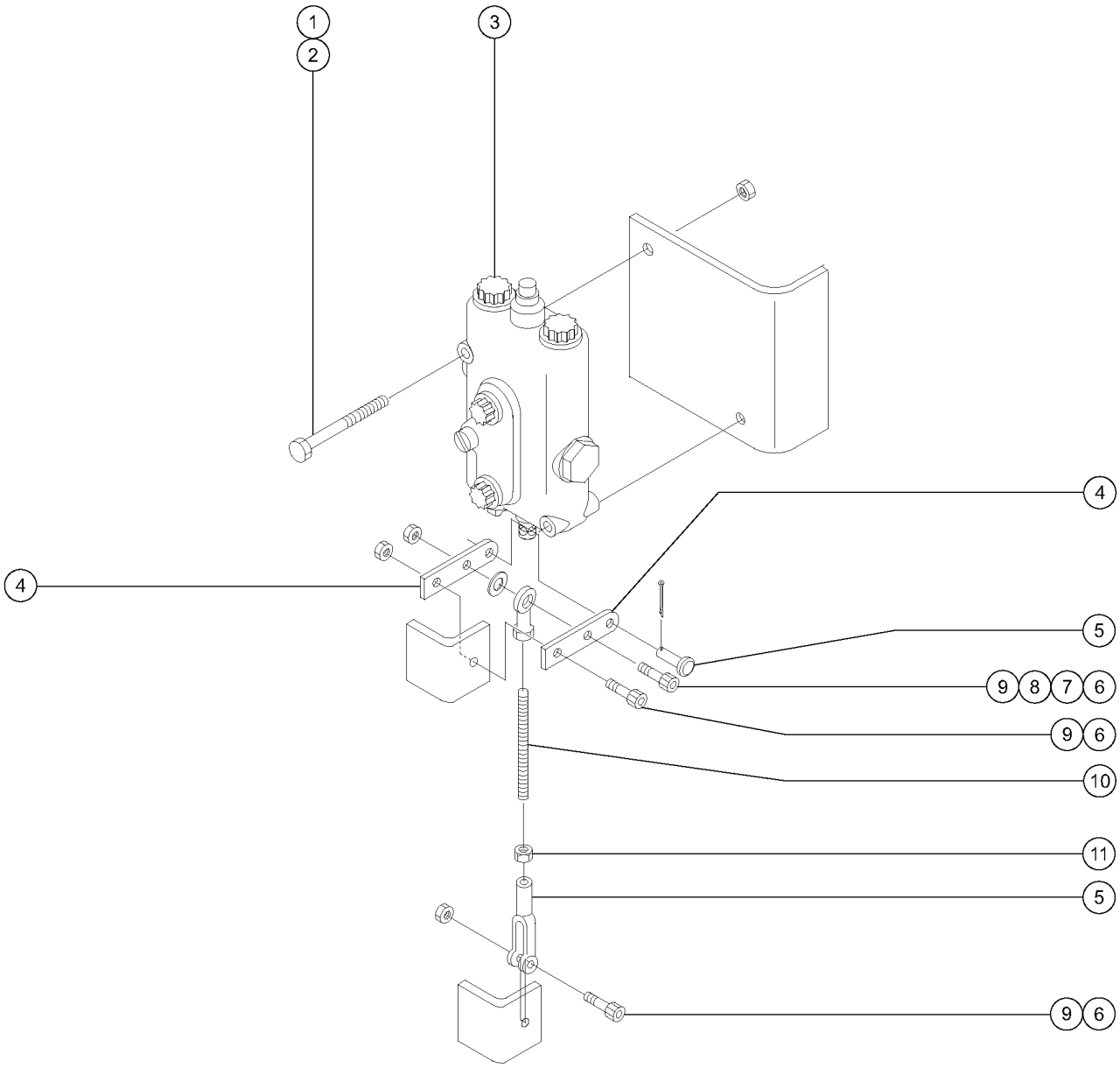
Hydraulic Pump Assembly - Oscillating Models



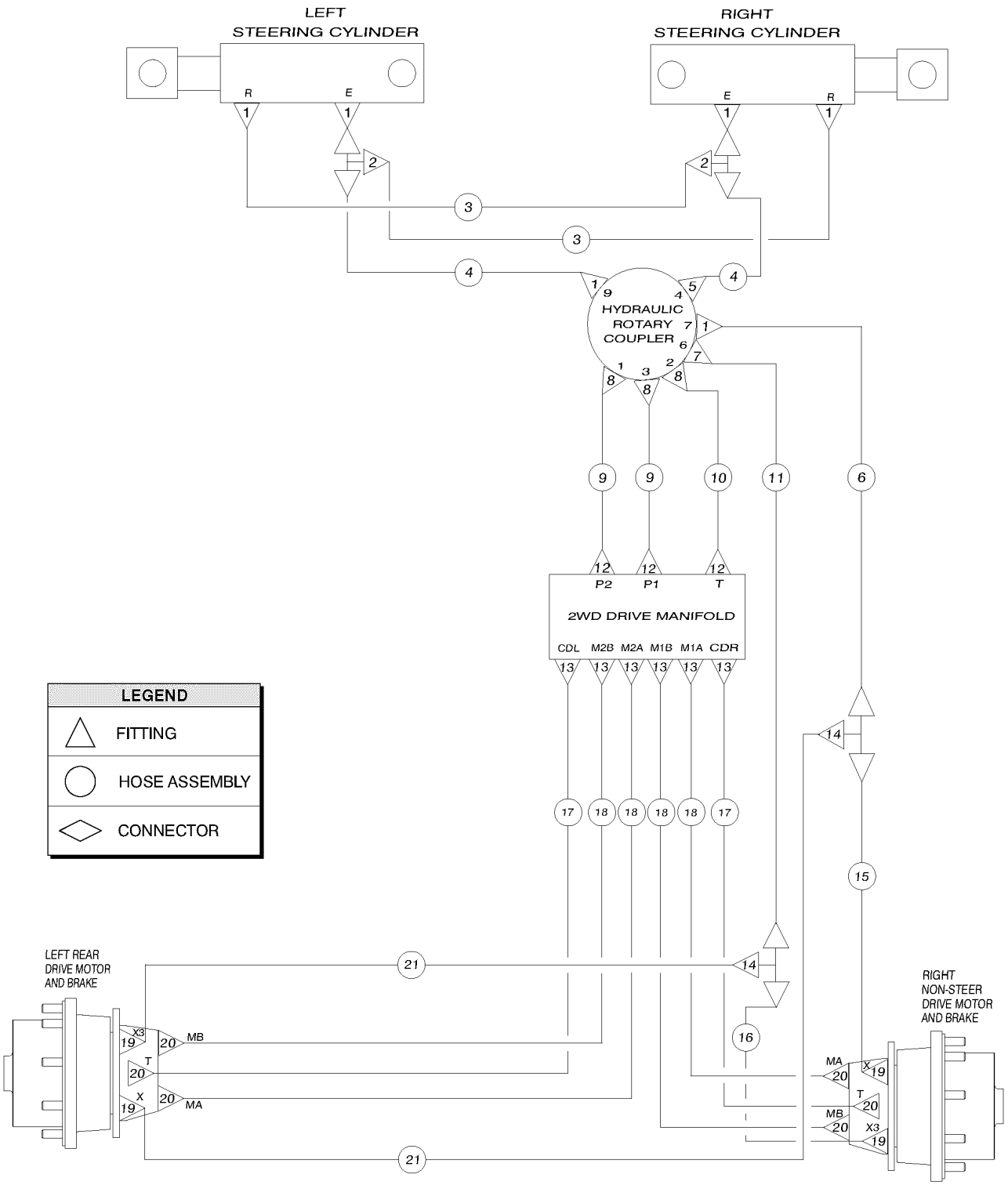
Hydraulic Pump Assembly - Non-oscillating Models

Item	*Part No.*	*Description*	*Qty.*
1	89014GT	PUMP,FUNCTION,2 SECTION Oscillating models	1
1-	89341GT	SEAL KIT- FUNCTION PUMP(89014)	
2	89342GT	O-RING - PUMP ASSEMBLY DRIVE	1
3	75892GT	PUMP,VARIABLE DISPLACEMNT,45CC 4WD models	1
3-	89343GT	CONTROL MODULE 4WD**(75892)	
3-	89344GT	SHAFT, DRIVE 4WD**(75892)	
3-	89345GT	SHAFT SEAL,DRIVE PUMP (75892)	
3-	89713GT	SEAL KIT- DRIVE PUMP4WD(75892)	
4	75893GT	PUMP,VARIABLE DISPLACEMNT,28CC 2WD models	1
4-	89346GT	CONTROL MODULE 2WD**(75893)	
4-	89347GT	SHAFT,DRIVE**(75893)	
4-	89348GT	SHAFT,SEAL**(75893)	
4-	89350GT	SEAL KIT-PUMP DRIVE 2WD(75893)	
5	89069GT	PUMP,FUNCTION,2 SECTION,15GPM Non-oscillate models	1
5-	85197GT	SEAL KIT,BOSCH PUMP***	

709.1 Oscillate Control Valve

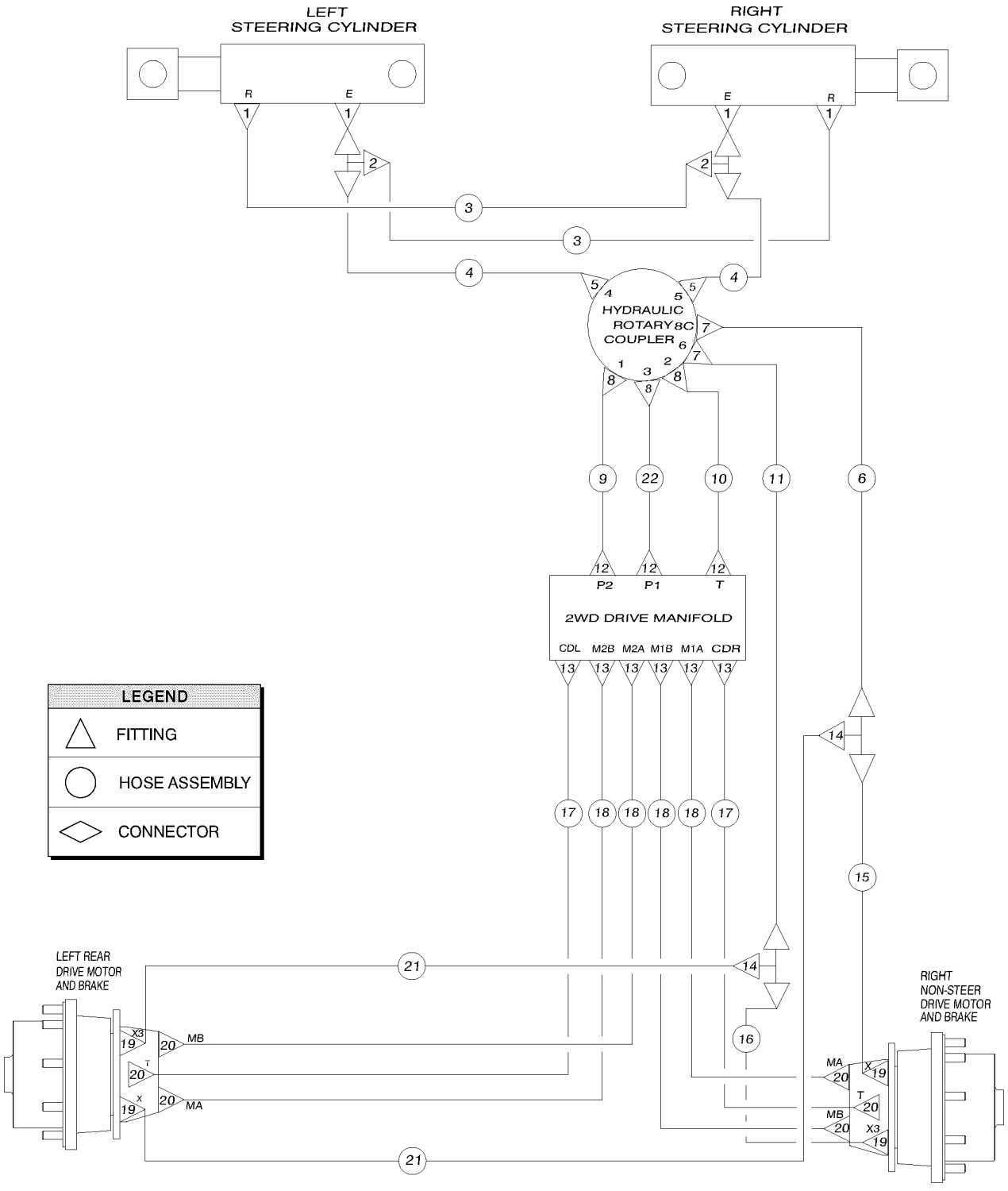


Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	4266GT	SCREW,HHC,1/4-20 X 2	
2	6091GT	NUT,NYLOCK,1/4-20	
3	89520GT	VALVE,MANUAL,700 PSI no longer available	1
3-	32681GT	SEAL KIT,CONTROL VALVE	
4	30884GT	OSCILLATE VALVE LINKAGE	2
5	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	1
6	6584GT	SCREW,SHS,10-24 X .625	
7	89431GT	ROD END,1/4-28 SPHERICAL	1
8	20980GT	WASHER,NYLON,.434 X.263X.049	
9	6178GT	NUT, NYLOCK, 10-32	
10	30785-275GT	THREADED ROD,1/4-28 X 2.75IN**	1
11	21496GT	NUT,HEX,1/4-28	


LEFT
STEERING CYLINDER
RIGHT
STEERING CYLINDER
R
E
E
R
HYDRAULIC
ROTARY
COUPLER
2WD DRIVE MANIFOLD
P2
P1
T
CDL
M2B
M2A
M1B
M1A
CDR
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
LEFT REAR
DRIVE MOTOR
AND BRAKE
RIGHT
NON-STEER
DRIVE MOTOR
AND BRAKE
MB
MA
T
X3
X

Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48915GT	ELBOW,90D,520220-6	2
2	48918GT	TEE,RUN,520428-6	2
3	49130-2582GT	HOSE ASSY 3/8, STR FEM,STR FEM	2
4	49130-5582GT	HOSE ASSY 3/8, STR FEM,STR FEM	2
5	48920GT	ELBOW,45D,520320-6	2
6	49118-4608GT	HOSE ASSEMBLY 1/4	1
7	48916GT	CONN, 520120-6	1
8	48963GT	FITTING,ELBOW,45D,520320-12***	3
9	49157-1760GT	HOSE ASSY,3/4"	2
10	61073-2730GT	HOSE ASSY 3/4" 90 DEG STR FEM	1
11	49120-3881GT	HOSE ASSEMBLY-1/4"***	1
12	48960GT	FITTING,CONN,520120-12***	3
13	48933GT	CONN,520120-8***	6
14	48909GT	TEE,BULKHEAD,RUN,520958-4	2
15	49119-3278GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
16	49119-4178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
17	75278-4579GT	HOSE ASSY,1/2,90 FEM,STR FEM	2
18	81812-4628GT	ASSY, HOSE, HYD, -8, 4250, STR, STR	4
19	48905GT	CONNECTOR, 520120-4	2
20	48946GT	CONN,520120-8-10	6
21	49119-4578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2

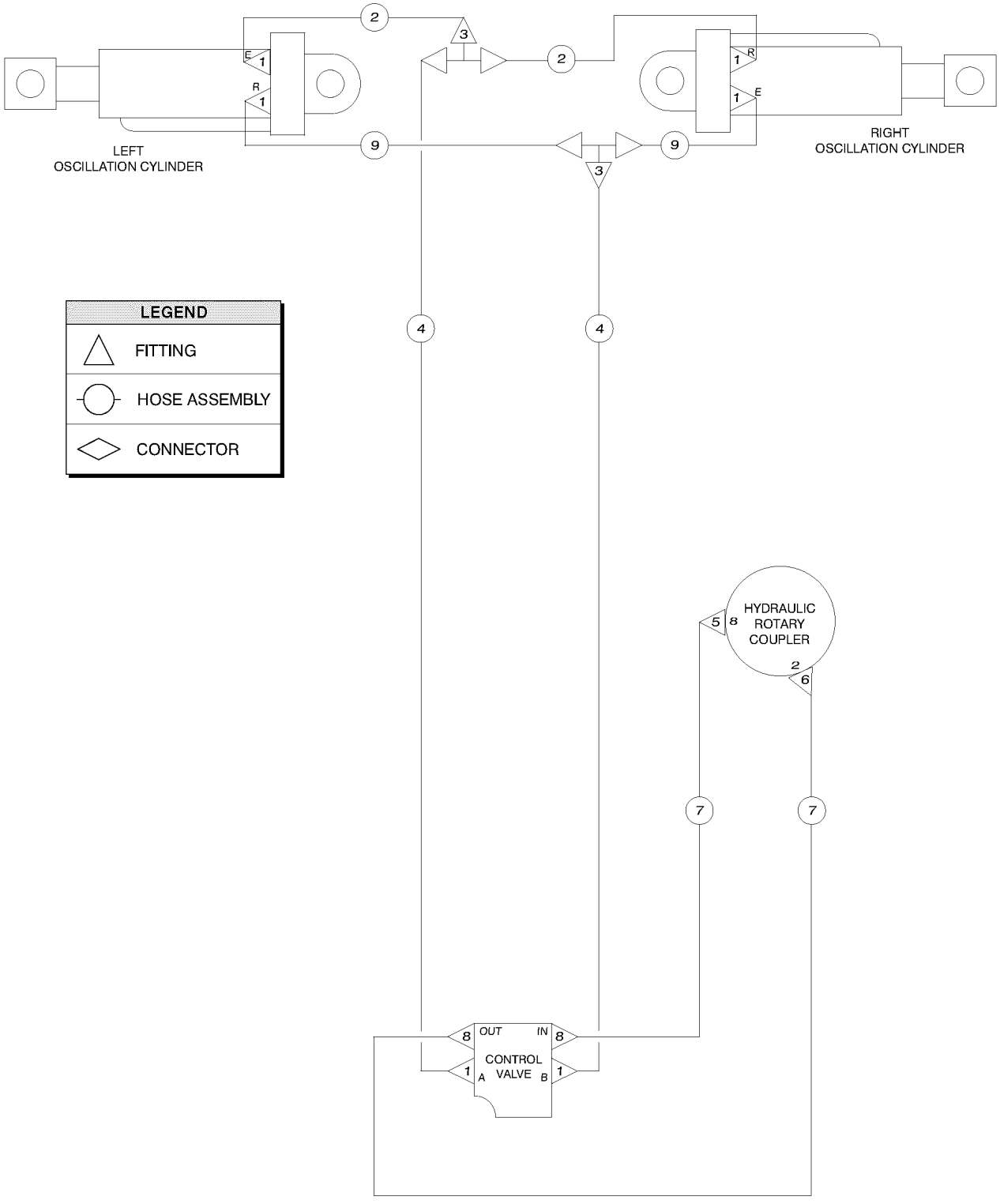
710.2 2WD Drive System (from SN 4386)



710.2 2WD Drive System (from SN 4386)

Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48915GT	ELBOW,90D,520220-6	2
2	48918GT	TEE,RUN,520428-6	2
3	49130-2582GT	HOSE ASSY 3/8, STR FEM,STR FEM	2
4	49130-4982GT	HOSE ASSY 3/8, STR FEM,STR FEM	2
5	48920GT	ELBOW,45D,520320-6	2
6	49117-3891GT	HOSE ASSY,1/4,90 FEM,STR FEMM	1
7	48904GT	ELBOW, 90D, 520220-4	2
8	48963GT	FITTING,ELBOW,45D,520320-12***	3
9	94374-2430GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
10	61074-2172GT	HOSE ASSEMBLY 3/4" STR-STR	1
11	49119-3878GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
12	48960GT	FITTING,CONN,520120-12***	3
13	48933GT	CONN,520120-8***	6
14	48909GT	TEE,BULKHEAD,RUN,520958-4	2
15	49119-3578GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
16	49119-4178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
17	75278-4579GT	HOSE ASSY,1/2,90 FEM,STR FEM	2
18	81812-4628GT	ASSY, HOSE, HYD, -8, 4250, STR, STR	4
19	48905GT	CONNECTOR, 520120-4	4
20	48946GT	CONN,520120-8-10	6
21	49119-4578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
22	49156-2656GT	HOSE ASSY,3/4,90 FEM,STR FEM	1

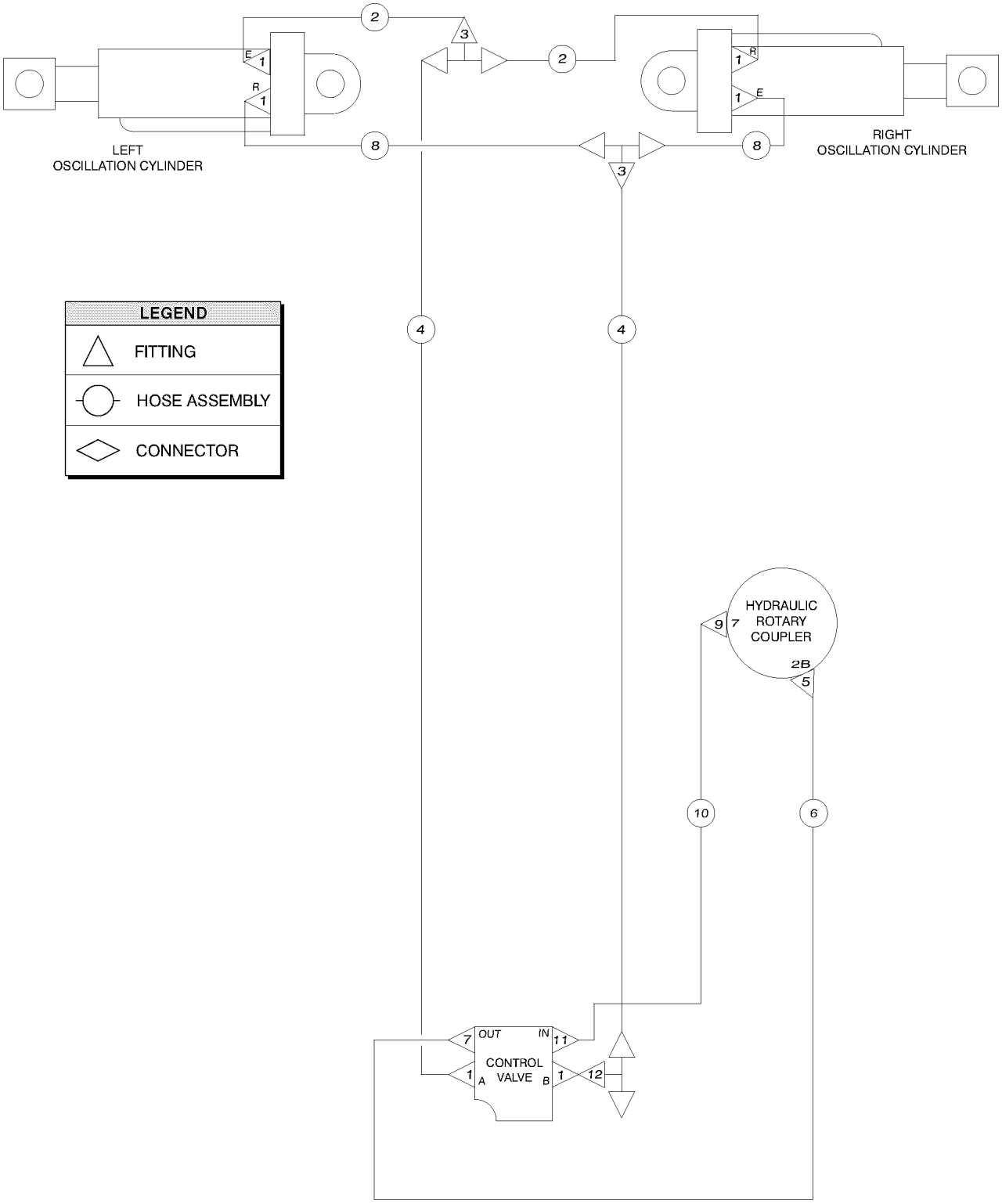
711.1 2WD Drive Oscillate System (to SN 4385)



711.1 2WD Drive Oscillate System (to SN 4385)

Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48916GT	CONN, 520120-6	6
2	49128-3409GT	HOSE ASEMBLY HOSE ASSEMBLY 3/8	2
3	53980GT	TEE,BRANCH,520433-6	2
4	89554-10313GT	HOSE ASSY, 3/8" STR M,90 FM	2
5	48942GT	ELBOW, 90, 24 C5OLO-S	1
6	48937GT	ELBOW,45D,520320-8	1
7	49110-6992GT	HOSE ASSEMBLY,1/2"	2
8	48932GT	FITTING,ELBOW,90D,520220-8***	2
9	49128-3209GT	HOSE ASEMBLY HOSE ASSEMBLY 3/8	2

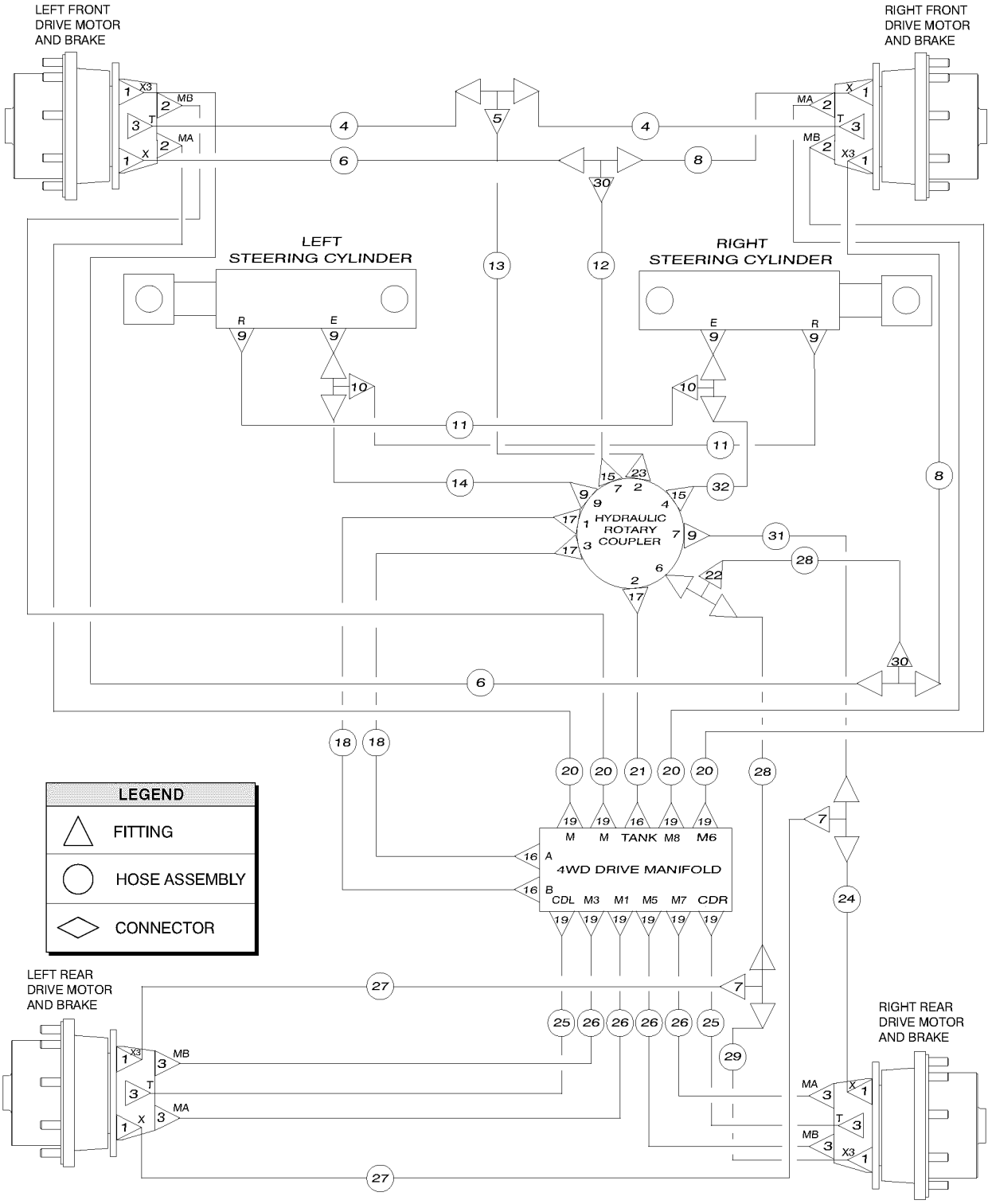
711.2 2WD Drive Oscillate System (from SN 4386)



711.2 2WD Drive Oscillate System (from SN 4386)

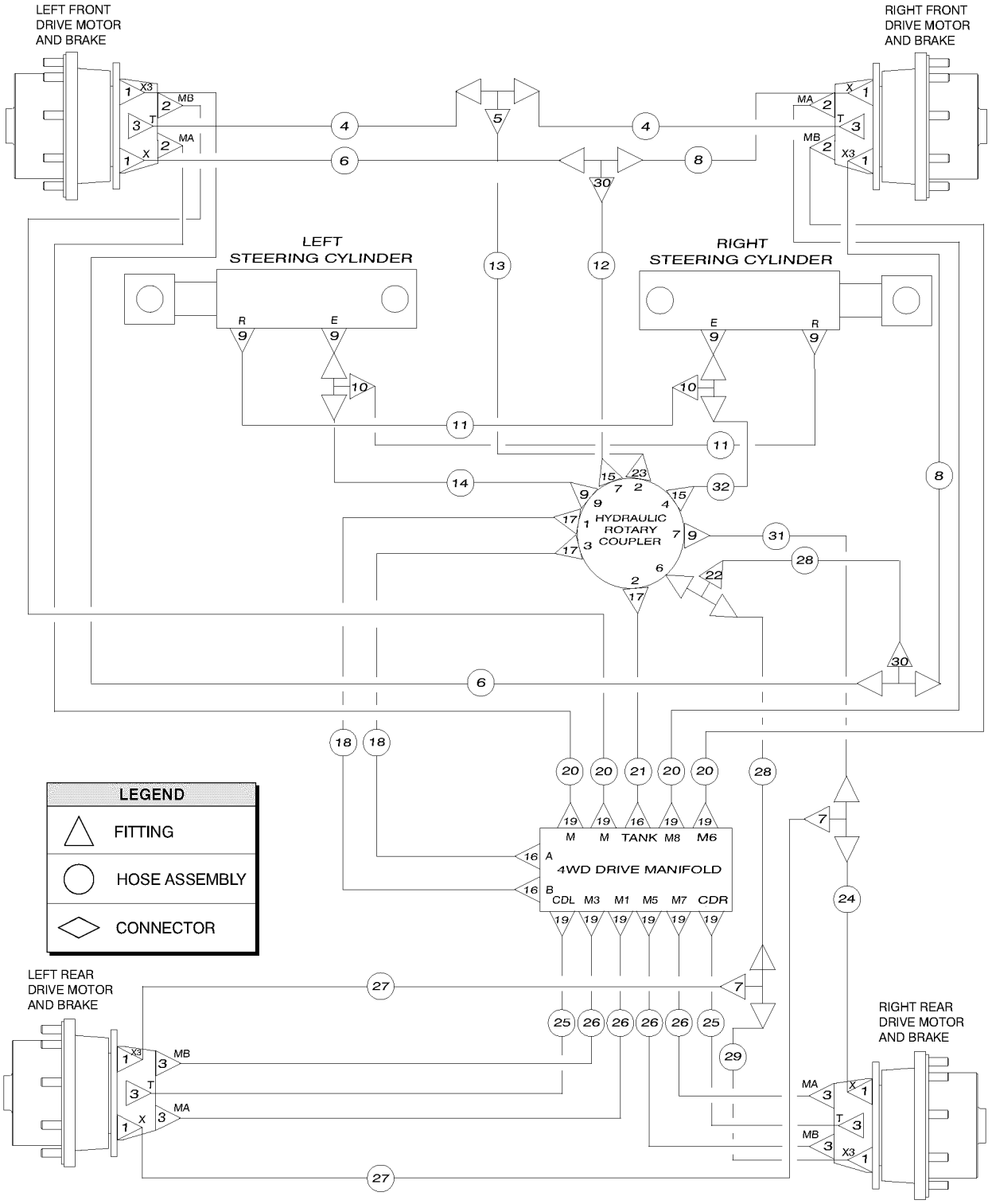
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48916GT	CONN, 520120-6	6
2	49128-3409GT	HOSE ASEMBLY HOSE ASSEMBLY 3/8	2
3	53980GT	TEE,BRANCH,520433-6	2
4	89554-10313GT	HOSE ASSY, 3/8" STR M,90 FM	2
5	48937GT	ELBOW,45D,520320-8	1
6	49143-5429GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
7	48933GT	CONN,520120-8***	1
8	49128-3209GT	HOSE ASEMBLY HOSE ASSEMBLY 3/8	2
9	48904GT	ELBOW, 90D, 520220-4	1
10	49117-6191GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
11	48914GT	CONN,520120-4-8	1
12	48891GT	FITTING,TEE,BRANCH,520433-4	1

712.1 4WD Drive System (to SN 4385)



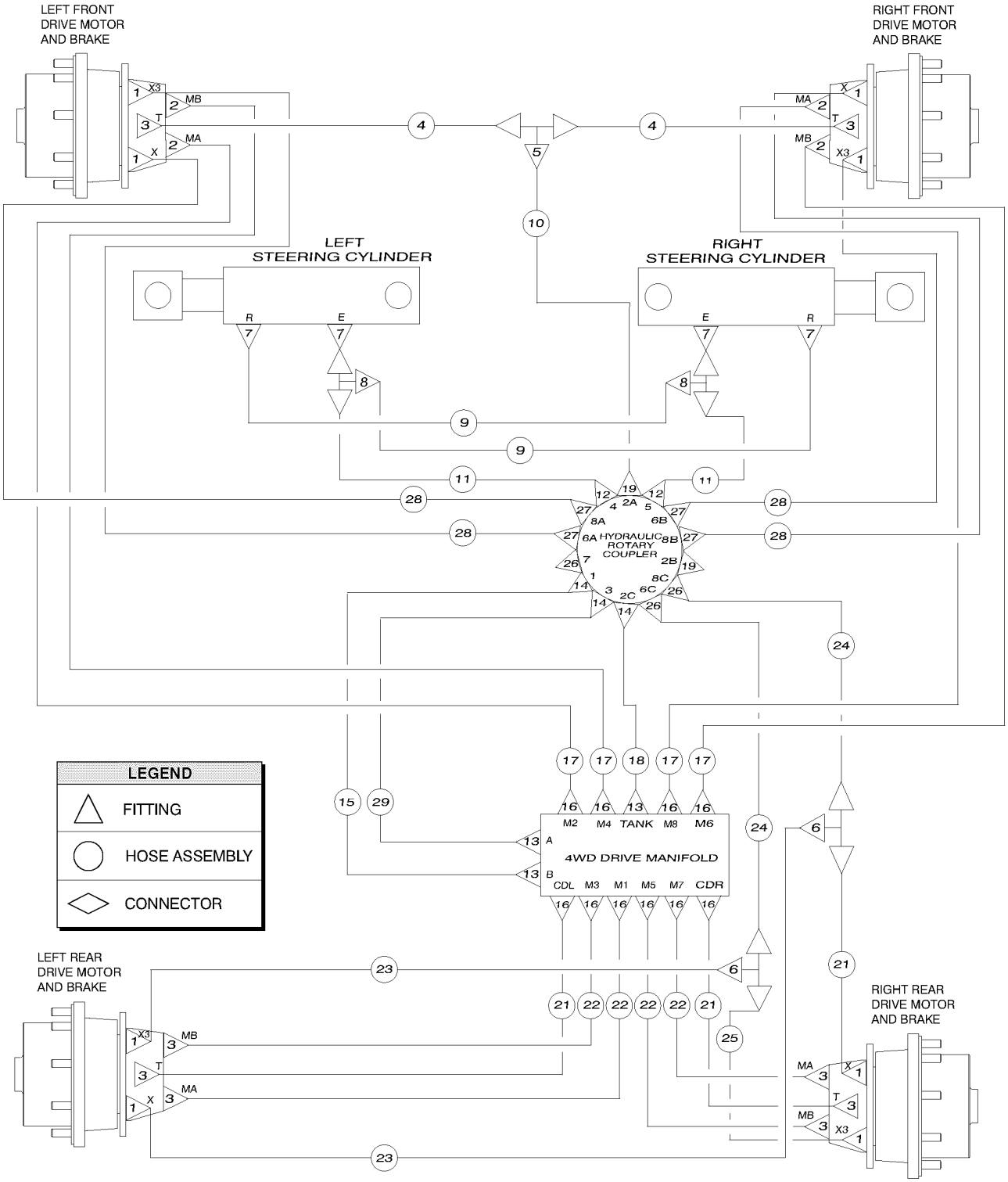
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48905GT	CONNECTOR, 520120-4	4
2	54283GT	ELBOW,90D,520220-8-10	4
3	48946GT	CONN,520120-8-10	8
4	49183-5863GT	HOSE ASSY,1/2,STR FEM,STR FEM	2
5	48939GT	TEE,BRANCH,520433-8	1
6	49117-6119GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
7	48909GT	TEE,BULKHEAD,RUN,520958-4	2
8	49117-5919GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
9	48915GT	ELBOW,90D,520220-6	2
10	48918GT	TEE,RUN,520428-6	2
11	49130-2582GT	HOSE ASSY 3/8, STR FEM,STR FEM	2
12	89553-4476GT	HOSE ASSY, 1/4" STR M,STR FM	1
13	89555-3708GT	HOSE ASSY, 1/2" STR M,STR FM	1
14	49130-5582GT	HOSE ASSY 3/8, STR FEM,STR FEM	1
15	48920GT	ELBOW,45D,520320-6	2
16	48960GT	FITTING,CONN,520120-12***	3
17	48963GT	FITTING,ELBOW,45D,520320-12***	3
18	49156-2756GT	HOSE ASSY,3/4,90 FEM,STR FEM	2
19	48933GT	CONN,520120-8***	10
20	81812-11192GT	ASSY, HOSE, HYD, 4250, -8, STR, STR	4
21	61074-2072GT	HOSE ASSEMBLY 3/4" STR-STR	1
22	48919GT	TEE,BRANCH,520429-6	1
23	48937GT	ELBOW,45D,520320-8	1
24	49119-3278GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
25	75278-4579GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
26	81812-4628GT	ASSY, HOSE, HYD, -8, 4250, STR, STR	4

712.1 4WD Drive System (to SN 4385)



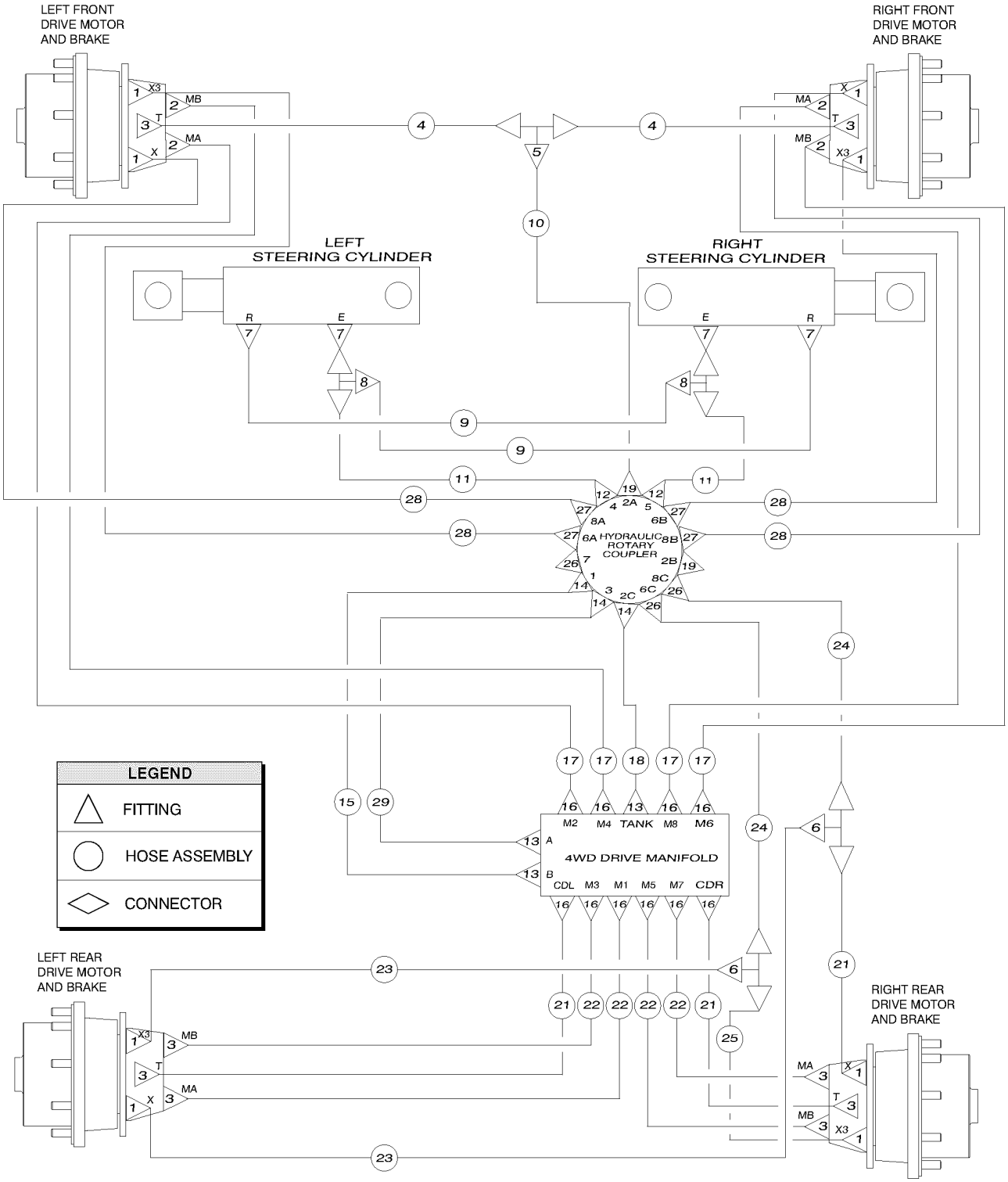
Item	Part No.	Description	Qty.
27	49119-4578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
28	49120-3881GT	HOSE ASSEMBLY-1/4"***	1
29	49119-4178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
30	48891GT	FITTING,TEE,BRANCH,520433-4	1
31	49118-4608GT	HOSE ASSEMBLY 1/4	1
32	49130-4982GT	HOSE ASSY 3/8, STR FEM,STR FEM	1

712.2 4WD Drive System (from SN 4386)



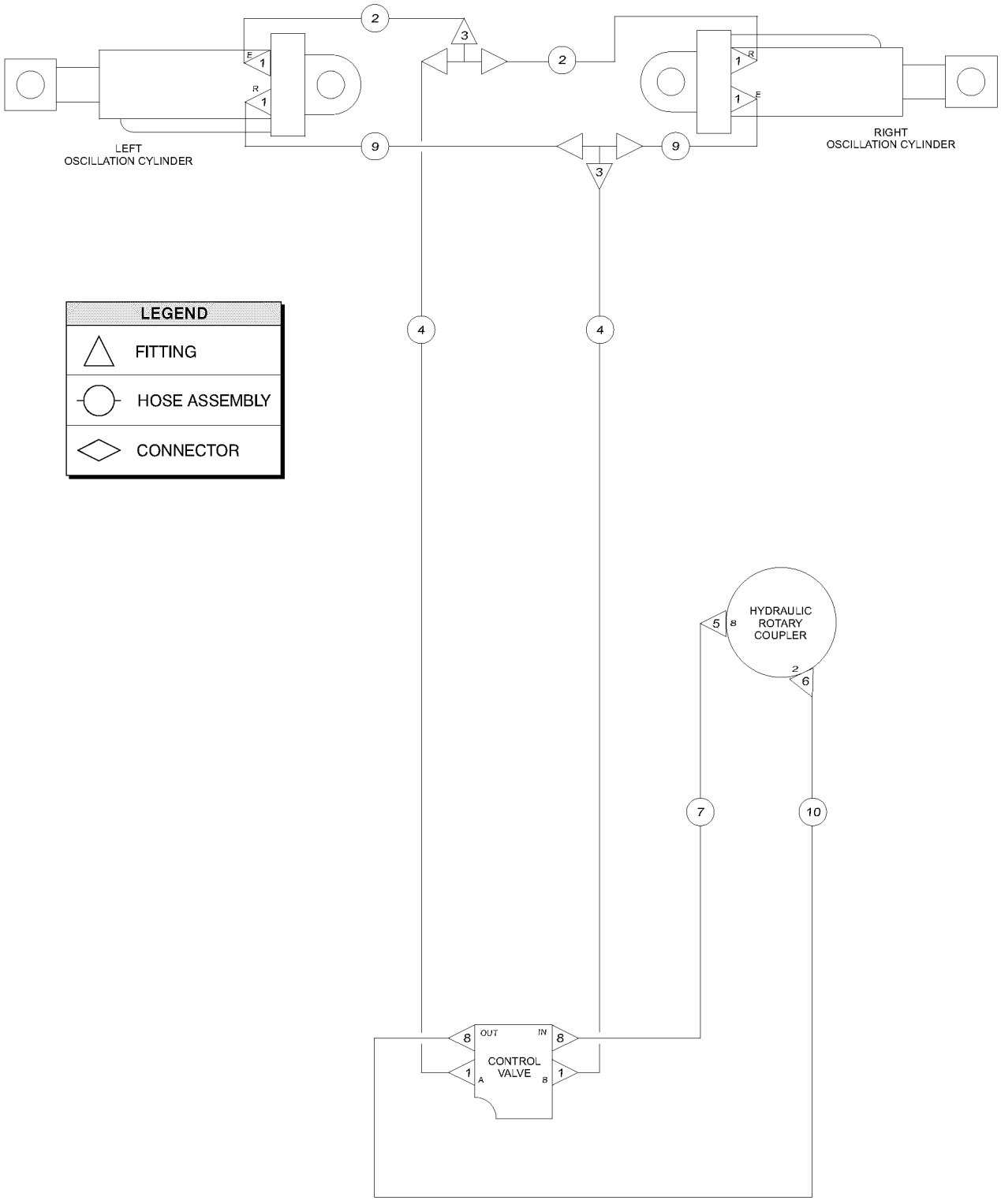
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48905GT	CONNECTOR, 520120-4	7
2	54283GT	ELBOW,90D,520220-8-10	4
3	48946GT	CONN,520120-8-10	8
4	49183-5863GT	HOSE ASSY,1/2,STR FEM,STR FEM	2
5	48939GT	TEE,BRANCH,520433-8	1
6	48909GT	TEE,BULKHEAD,RUN,520958-4	2
7	48915GT	ELBOW,90D,520220-6	4
8	48918GT	TEE,RUN,520428-6	2
9	49130-2582GT	HOSE ASSY 3/8, STR FEM,STR FEM	2
10	89555-3708GT	HOSE ASSY, 1/2" STR M,STR FM	1
11	49130-4982GT	HOSE ASSY 3/8, STR FEM,STR FEM	1
12	48920GT	ELBOW,45D,520320-6	2
13	48960GT	FITTING,CONN,520120-12***	3
14	48963GT	FITTING,ELBOW,45D,520320-12***	3
15	94374-2430GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
16	48933GT	CONN,520120-8***	10
17	81812-11192GT	ASSY, HOSE, HYD, 4250, -8, STR, STR	4
18	61074-2172GT	HOSE ASSEMBLY 3/4" STR-STR	1
19	48937GT	ELBOW,45D,520320-8	1
20	49119-3578GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
21	75278-4579GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
22	81812-4628GT	ASSY, HOSE, HYD, -8, 4250, STR, STR	4
23	49119-4578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
24	49119-3878GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
25	49119-4178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
26	48904GT	ELBOW, 90D, 520220-4	1

712.2 4WD Drive System (from SN 4386)



Item	Part No.	Description	Qty.
27	48907GT	ELBOW,45D,520320-4	1
28	49117-9019GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
29	49156-2656GT	HOSE ASSY,3/4,90 FEM,STR FEM	1

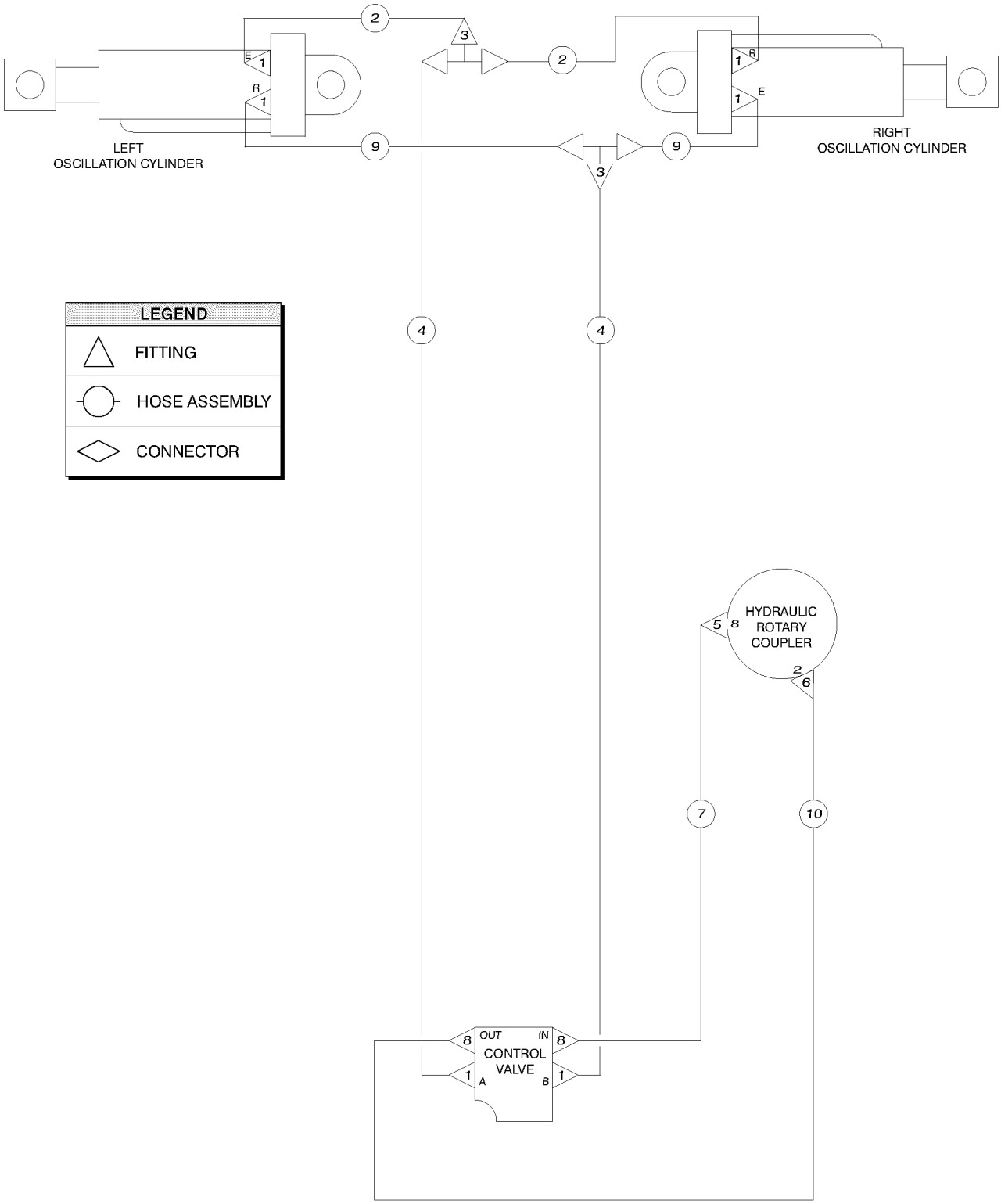
713.1 4WD Drive Oscillate System (to SN 4385)



713.1 4WD Drive Oscillate System (to SN 4385)

Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48916GT	CONN, 520120-6	6
2	49128-3409GT	HOSE ASEMBLY HOSE ASSEMBLY 3/8	2
3	53980GT	TEE,BRANCH,520433-6	2
4	89554-10313GT	HOSE ASSY, 3/8" STR M,90 FM	2
5	48942GT	ELBOW, 90, 24 C5OLO-S	1
6	48937GT	ELBOW,45D,520320-8	1
7	49110-6992GT	HOSE ASSEMBLY,1/2"	1
8	48932GT	FITTING,ELBOW,90D,520220-8***	2
9	49128-3209GT	HOSE ASEMBLY HOSE ASSEMBLY 3/8	2
10	49110-6692GT	HOSE ASSEMBLY,1/2"	1

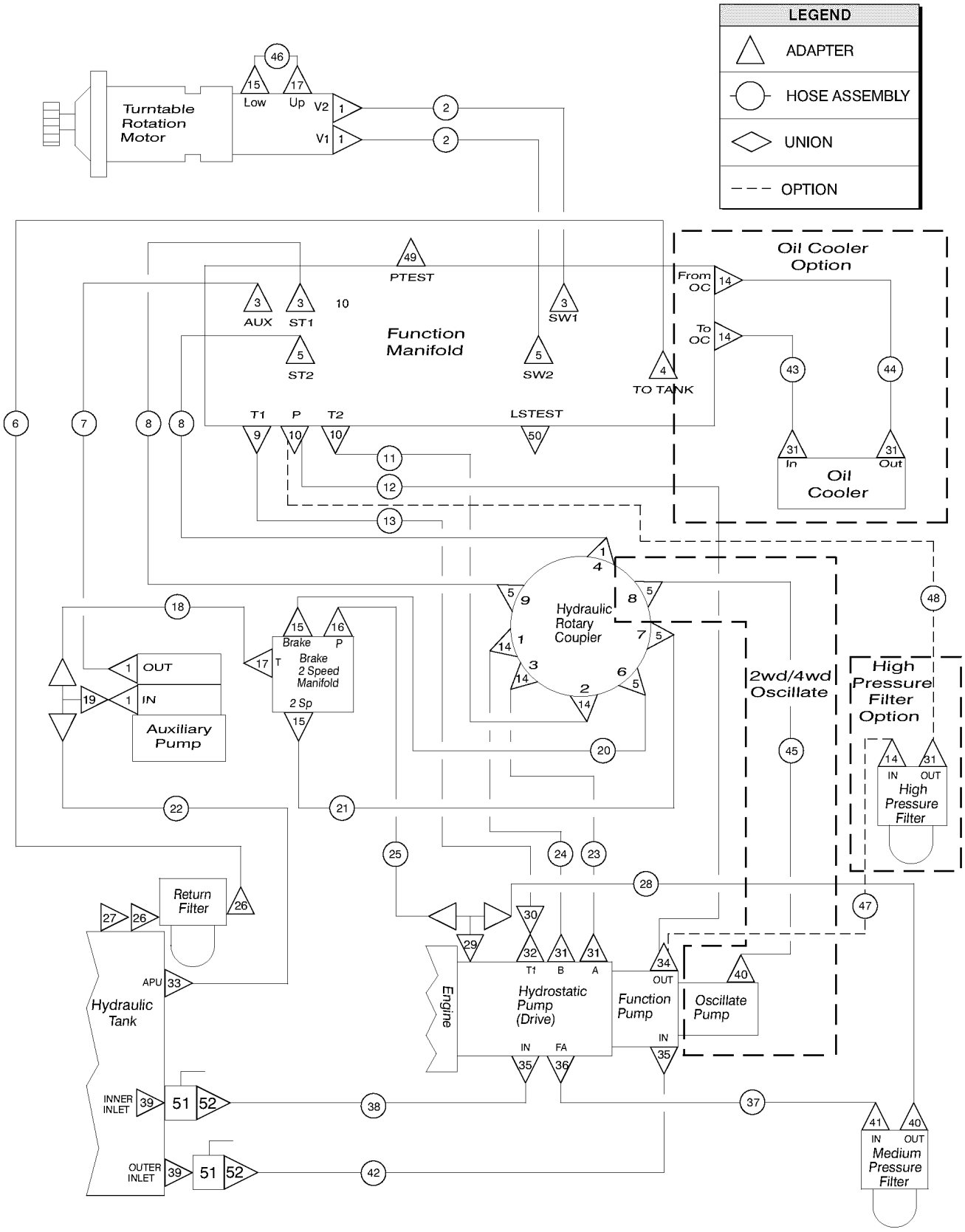
713.2 4WD Drive Oscillate System (from SN 4386)



713.2 4WD Drive Oscillate System (from SN 4386)

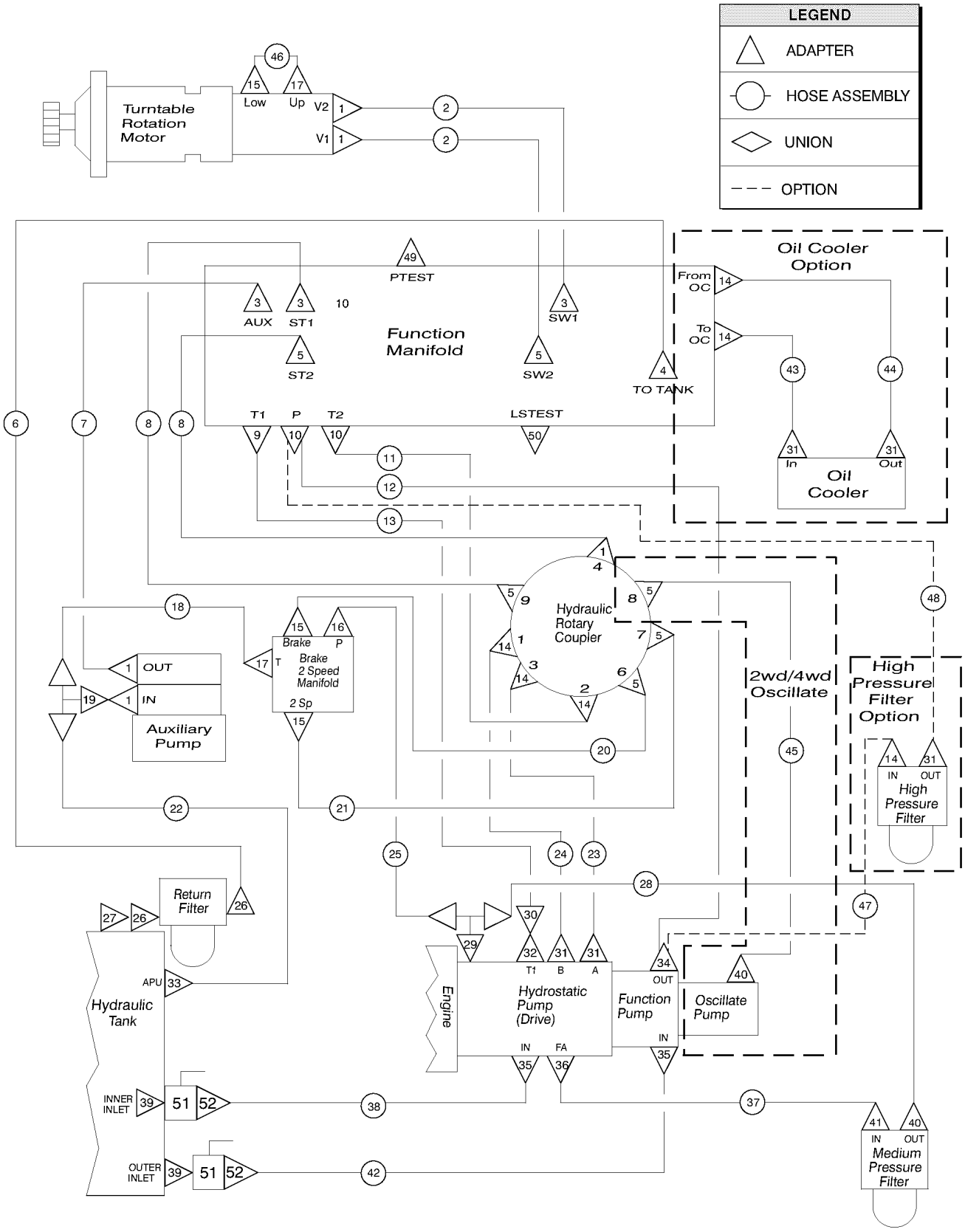
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48916GT	CONN, 520120-6	6
2	49128-3409GT	HOSE ASEMBLY HOSE ASSEMBLY 3/8	2
3	53980GT	TEE,BRANCH,520433-6	2
4	89554-10313GT	HOSE ASSY, 3/8" STR M,90 FM	2
5	48942GT	ELBOW, 90, 24 C5OLO-S	1
6	48937GT	ELBOW,45D,520320-8	1
7	49117-6191GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
8	48932GT	FITTING,ELBOW,90D,520220-8***	2
9	49128-3209GT	HOSE ASEMBLY HOSE ASSEMBLY 3/8	2
10	49143-5429GT	HOSE ASSY,1/2,90 FEM,STR FEM	1

714.1 Hydraulic Hoses and Fittings - Turntable (to SN 4385)



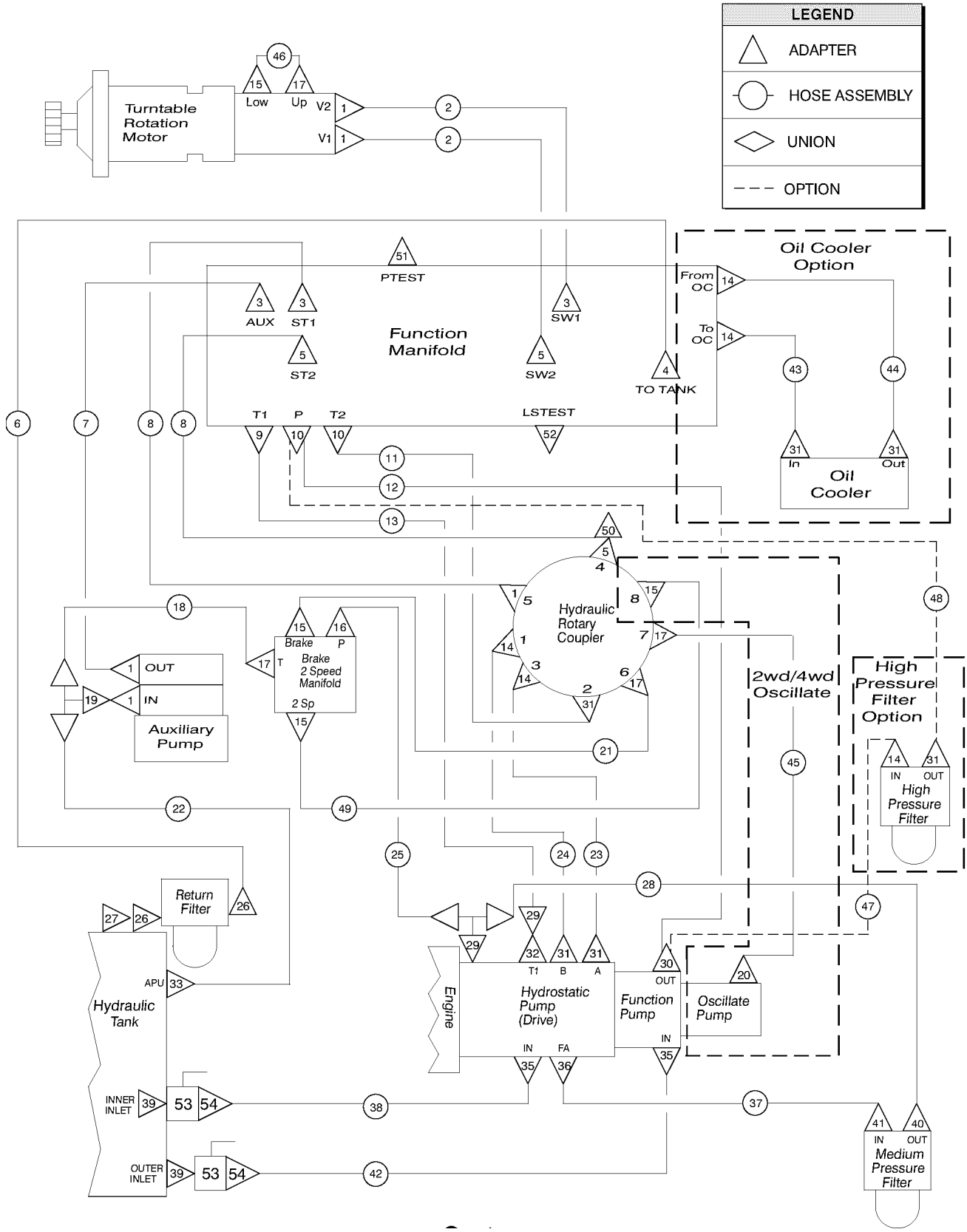
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48915GT	ELBOW,90D,520220-6	5
2	49114-4346GT	HOSE ASSY,1/4",90 FEM,STR FEM	2
3	48917GT	CONN,LONG,520122-6	3
4	48984GT	CONN, 520120-16	1
5	48916GT	CONN, 520120-6	6
6	49159-2618GT	HOSE ASSY.,1", 90° FEM,STR FEM	1
7	49128-2109GT	HOSE ASSEMBLY,3/8"	1
8	49114-4546GT	HOSE ASSY,1/4",90 FEM,STR FEM	2
9	48947GT	ELBOW,90D,520220-8-12	1
10	48963GT	FITTING,ELBOW,45D,520320-12***	2
11	61073-5430GT	HOSE ASSY.,3/4",90°FEM,STR FEM	1
12	1296390-10786GT	HOSE ASSY,5/8" HYD,ST FEM-ST FEM, 107.86"LG	1
13	49141-6963GT	HOSE ASSY,1/2,45 FEM,STR FEM**	1
14	48960GT	FITTING,CONN,520120-12***	5
15	48905GT	CONNECTOR, 520120-4	3
16	48926GT	FITTING,ELBOW,90D,520220-6-4	1
17	48904GT	ELBOW, 90D, 520220-4	2
18	49118-4708GT	HOSE ASSEMBLY,1/4",90 FEM,STR	1
19	48875GT	TEE,RUN,SWIVEL,520432-6	1
20	49118-4508GT	OSE ASSEMBLY,1/4",90 FEM,STR	1
21	49118-3208GT	HOSE ASSEMBLY,1/4",90 FEM,STR	1
22	49126-1933GT	HOSE ASSY,3/8,45 FEM,STR FEM	1
23		HOSE ASSY.,3/4",90 FEM,STR FEM Part is no longer available	1
24		HOSE ASSY.,3/4",90 FEM,STR FEM Part is no longer available	1
25	49133-1840GT	HOSE ASSY,3/8,45ø FEM,STR FEM	1
26	49513GT	ADAPTER,PIPE NIPPLE	2

714.1 Hydraulic Hoses and Fittings - Turntable (to SN 4385)



Item	Part No.	Description	Qty.
27	49512GT	ELBOW,90DEG,FEM,1"NPT	1
28	49143-2929GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
29	48935GT	TEE,RUN, 520428-8	1
30	48946GT	CONN,520120-8-10	1
31	48959GT	FITTING,ELBOW,90D,520220-12	2
32	48879GT	ELBOW,SWIVEL 90D, 520221-8	1
33	48922GT	CONN,520102-6-6	1
34	48952GT	FITTING,CONN,520120-10	1
35	48985GT	ELBOW,45D,520320-16	2
36	48933GT	CONN,520120-8***	2
37	49183-2692GT	HOSE ASSY,1/2,STR FEM,STR FEM*	1
38	49170-5404GT	HOSE ASSEMBLY 1"100R4,STR	1
39	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
40	48932GT	FITTING,ELBOW,90D,520220-8***	2
41	48937GT	ELBOW,45D,520320-8	1
42	49170-5704GT	HOSE ASSEMBLY 1"100R4,STR	1
43	49151-8648GT	HOSE ASSY,3/4",STR FEM,STR FEM	1
44	49151-9248GT	HOSE ASSY,3/4 STR FEM	1
45	49135-3389GT	HOSE ASSEMBLY,3/8"	1
46	49117-1291GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
47	1296384-2910GT	HOSE ASSY,5/8" HYD,90 FEM-ST FEM, 29.10"LG	1
48	89871-6348GT	HOSE ASSY,3/4" STR-STR	1
49	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	1
50	48997GT	NIPPLE,DIAGNOSTIC,#4	1
51	48994GT	VALVE,BALL,16 MPT-16 FPT***	2
52	48986GT	CONN,520102-16	2

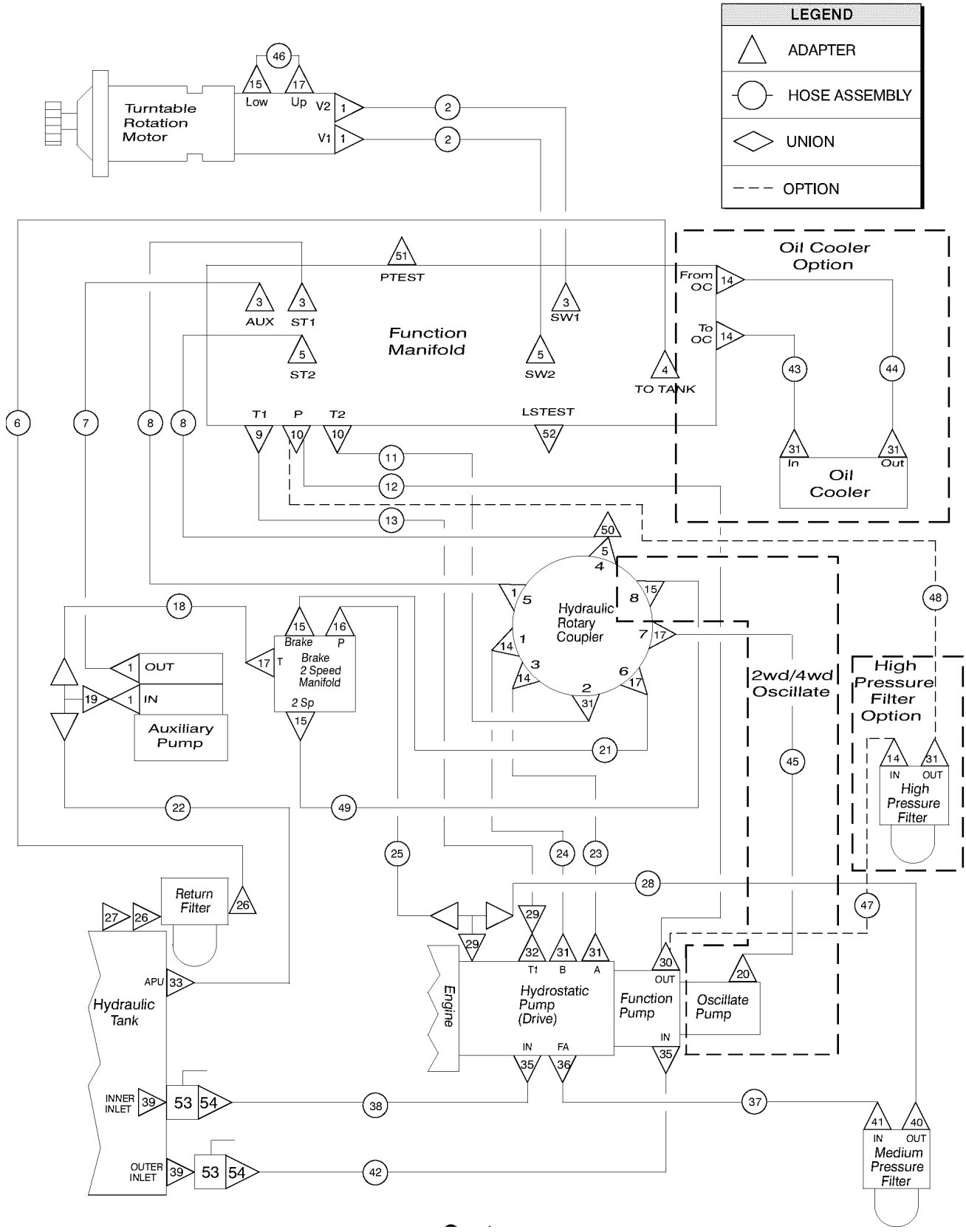
714.2 Hydraulic Hoses and Fittings -Turntable (from SN 4386)



714.2 Hydraulic Hoses and Fittings -Turntable (from SN 4386)

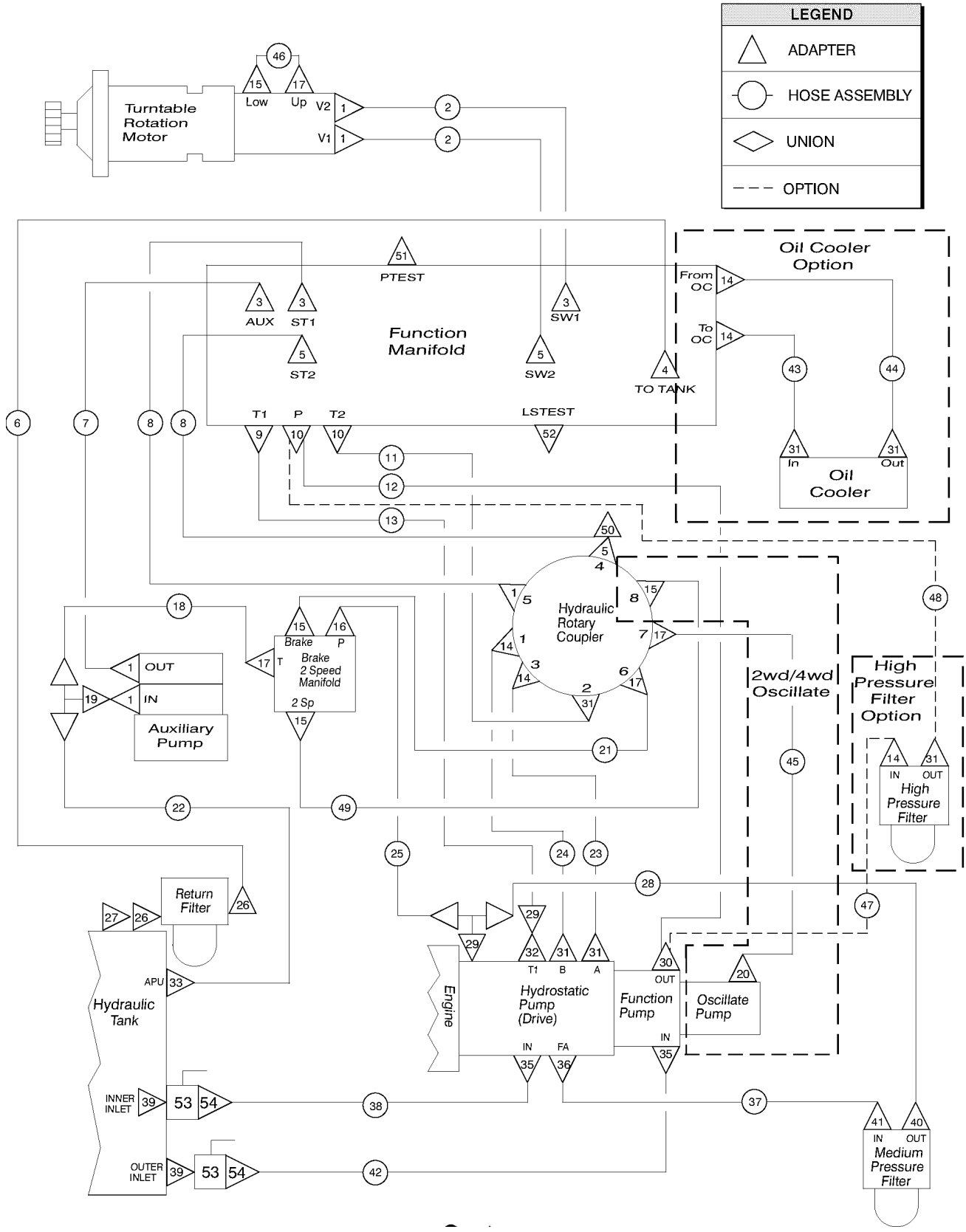
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48915GT	ELBOW,90D,520220-6	5
2	49114-4346GT	HOSE ASSY,1/4",90 FEM,STR FEM	2
3	48917GT	CONN,LONG,520122-6	3
4	48984GT	CONN, 520120-16	1
5	48916GT	CONN, 520120-6	3
6	49159-2618GT	HOSE ASSY.,1", 90° FEM,STR FEM	1
7	49128-2109GT	HOSE ASSEMBLY,3/8"	1
8	49114-4546GT	HOSE ASSY,1/4",90 FEM,STR FEM	2
9	48948GT	CONN,520120-8-12	1
10	48963GT	FITTING,ELBOW,45D,520320-12***	2
11	61073-5130GT	HOSE ASSY.,3/4",90øFEM,STR F	1
12	1296390-10786GT	HOSE ASSY,5/8" HYD,ST FEM-ST FEM, 107.86"LG	1
13	49141-6963GT	HOSE ASSY,1/2,45 FEM,STR FEM**	1
14	48960GT	FITTING,CONN,520120-12***	5
15	48905GT	CONNECTOR, 520120-4	4
16	48926GT	FITTING,ELBOW,90D,520220-6-4	1
17	48904GT	ELBOW, 90D, 520220-4	4
18	49118-5408GT	HOSE ASSY,1/4",90 FEM,STR FEM	1
19	48875GT	TEE,RUN,SWIVEL,520432-6	1
20	48914GT	CONN,520120-4-8	1
21	49119-3778GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
22	49126-1933GT	HOSE ASSY,3/8,45 FEM,STR FEM	1
23	89581-4830GT	HOSE ASSY.,3/4",90 FEM,STR F	1
24	89581-5030GT	HOSE ASSY.,3/4",90 FEM,STR F	1
25	49129-1725GT	HOSE ASSY 3/8, 90 FEM,STR FEM	1
26	49513GT	ADAPTER,PIPE NIPPLE	2

714.2 Hydraulic Hoses and Fittings -Turntable (from SN 4386)



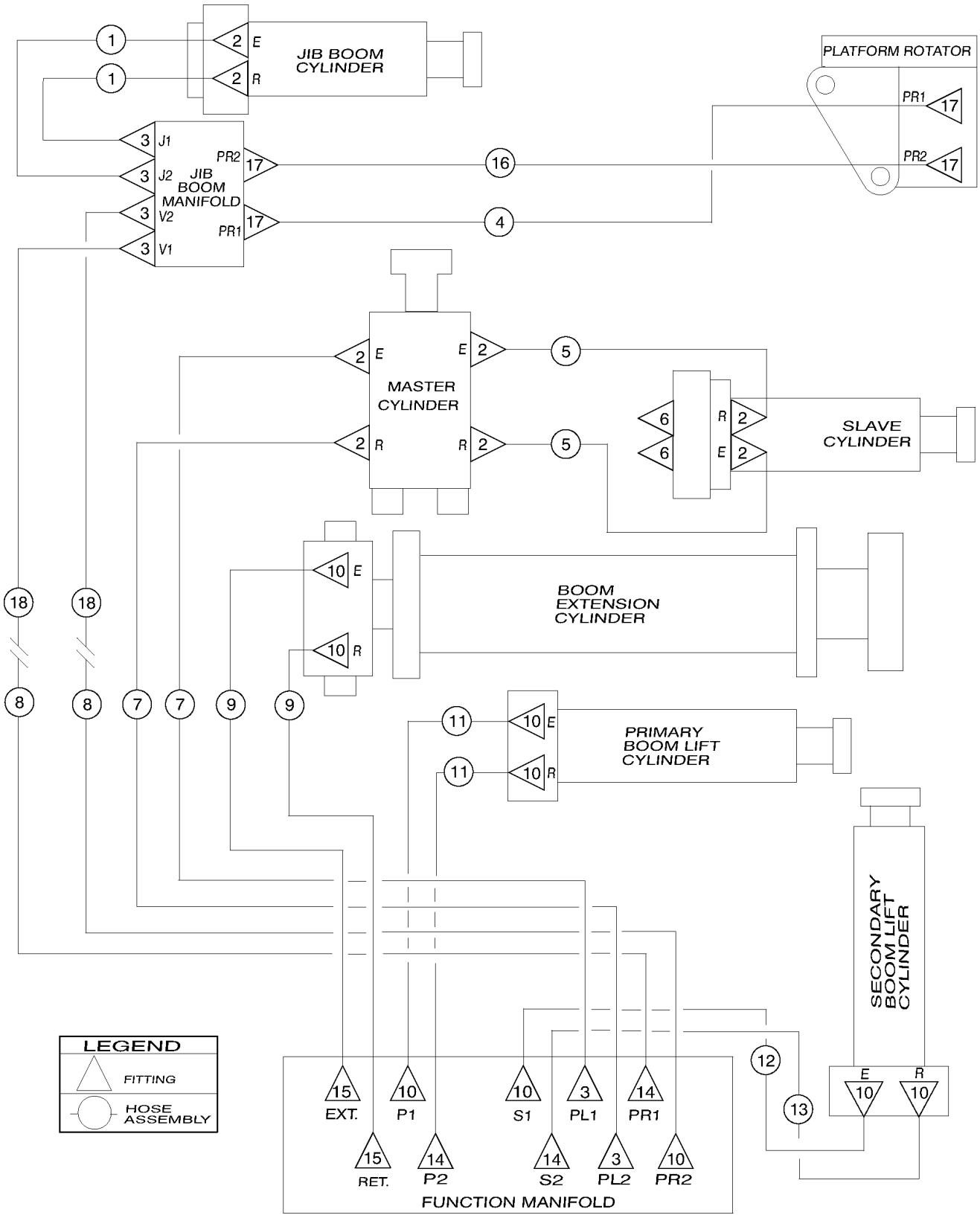
Item	Part No.	Description	Qty.
27	49512GT	ELBOW,90DEG,FEM,1"NPT	1
28	49143-2929GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
29	48935GT	TEE,RUN, 520428-8	1
30	49201GT	ELBOW,45D,520320-10	1
31	48959GT	FITTING,ELBOW,90D,520220-12	2
32	48879GT	ELBOW,SWIVEL 90D, 520221-8	1
33	48922GT	CONN,520102-6-6	1
34	48952GT	FITTING,CONN,520120-10	1
35	48985GT	ELBOW,45D,520320-16	2
36	48933GT	CONN,520120-8***	2
37	49183-2692GT	HOSE ASSY,1/2,STR FEM,STR FEM*	1
38	49170-5404GT	HOSE ASSEMBLY 1"100R4,STR	1
39	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
40	48932GT	FITTING,ELBOW,90D,520220-8***	1
41	48937GT	ELBOW,45D,520320-8	1
42	49170-5704GT	HOSE ASSEMBLY 1"100R4,STR	1
43	49151-8948GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
44	49151-9248GT	HOSE ASSY,3/4 STR FEM	1
45	49117-6091GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
46	49117-1291GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
47	1296384-2910GT	HOSE ASSY,5/8" HYD,90 FEM-ST FEM, 29.10"LG	
48	89871-6348GT	HOSE ASSY,3/4" STR-STR	1
49	49119-3478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
50	48892GT	ELBOW,SWIVEL 90D, 520221-6	2
51	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	1
52	48997GT	NIPPLE,DIAGNOSTIC,#4	1
53	48994GT	VALVE,BALL,16 MPT-16 FPT***	2
55	48986GT	CONN,520102-16	2

714.2 Hydraulic Hoses and Fittings -Turntable (from SN 4386)



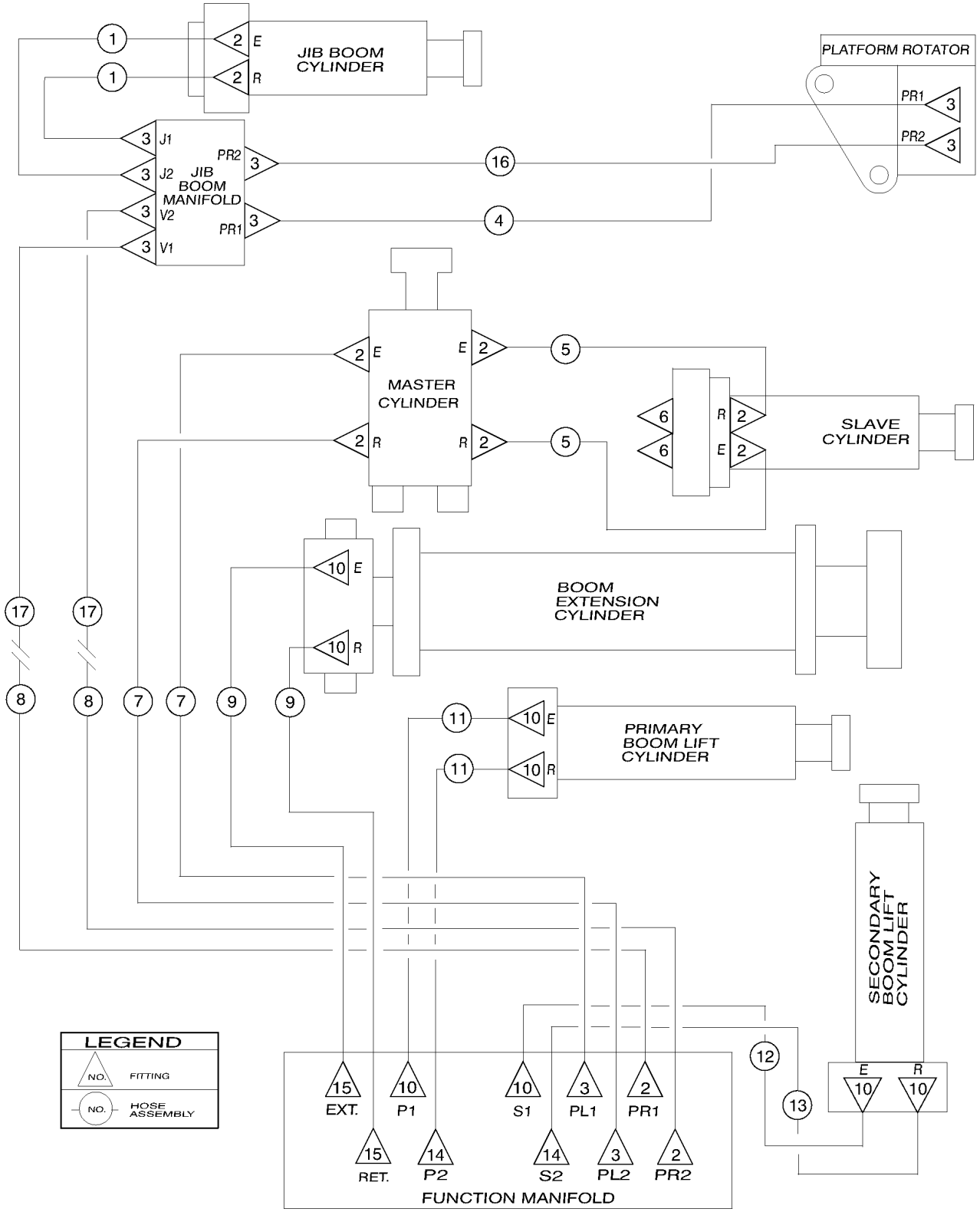
Item	*Part No.*	*Description*	*Qty.*
55	48984GT	CONN, 520120-16	

715.1 Hydraulic Hoses and Fittings - Boom (to SN 4460)



Item	Part No.	Description	Qty.
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49119-1478-SGT	HOSE ASSY,1/4,STR FEM,STR FEM	2
2	48912GT	CONN,520120-4-6***	10
3	48905GT	CONNECTOR, 520120-4	10
4	49117-5591GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
5	49119-53778GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
6	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	2
6-	48880GT	CAP,DIAGNOSTIC NIPPLE	
6-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
7	49119-41078GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
8	49121-42388GT	HOSE ASSY,1/4,STR FEM,STR M	2
9	49135-43389GT	HOSE ASSY,3/8 STR FEM-STR FEM	2
10	48916GT	CONN, 520120-6	10
11	49118-41408GT	HOSE ASSEMBLY,1/4",90 FEM,STR	2
12	49128-22009GT	HOSE ASSY,3/8,90 FEM,STR FEMM	1
13	49128-23609GT	HOSE ASSY,3/8,90 FEM,STR FEM	1
14	48917GT	CONN,LONG,520122-6	6
15	48933GT	CONN,520120-8***	1
16	49117-5591GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
17	48907GT	ELBOW,45D,520320-4	4
18	49119-53778GT	HOSE ASSY,1/4,STR FEM,STR FEM	2

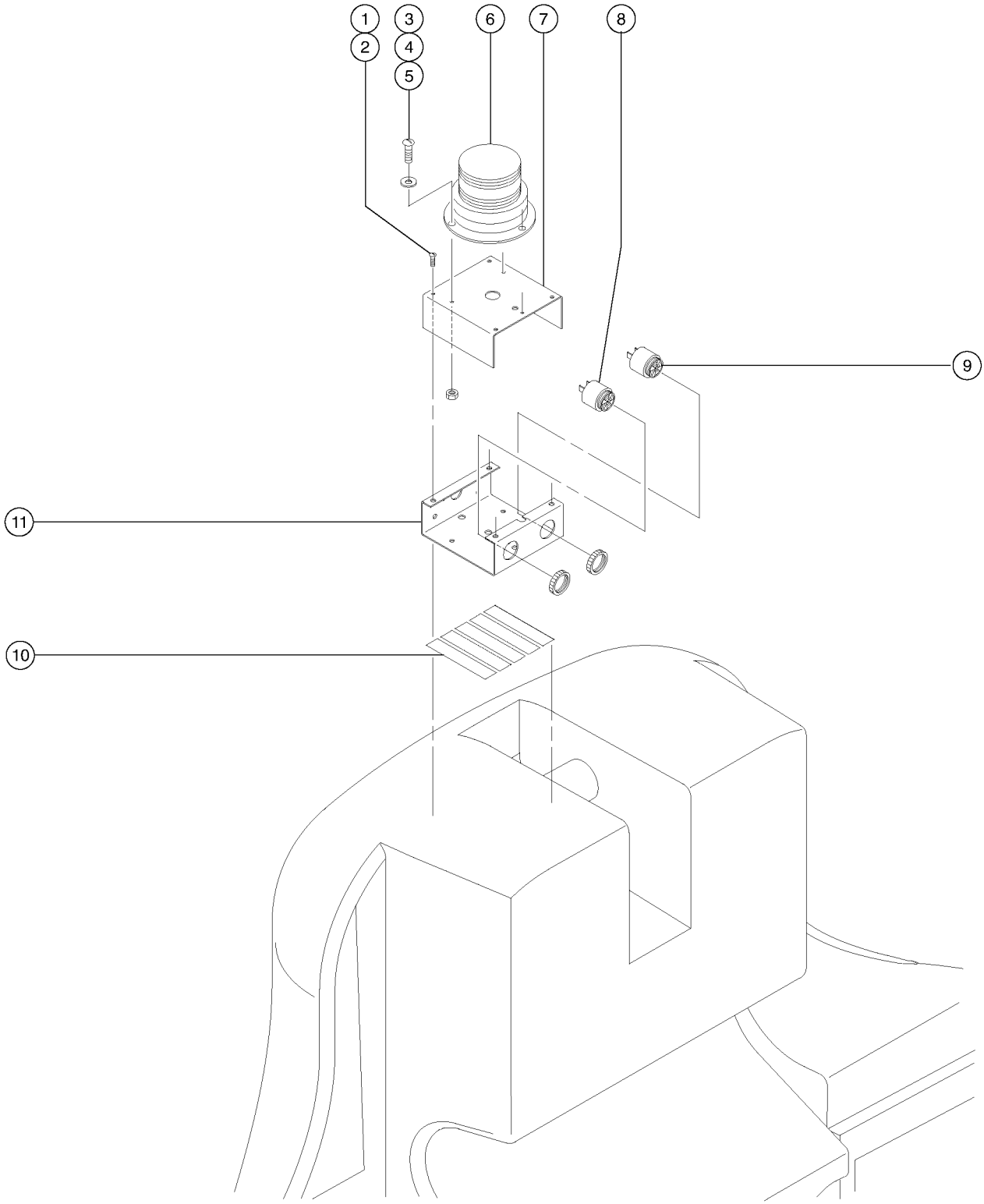
715.2 Hydraulic Hoses and Fittings - Boom (from SN 4461)



715.2 Hydraulic Hoses and Fittings - Boom (from SN 4461)

Item	Part No.	Description	Qty.
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49117-9291GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
2	48912GT	CONN,520120-4-6***	10
3	48905GT	CONNECTOR, 520120-4	10
4	49119-3578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
5	49119-53778GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
6	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	2
6-	48880GT	CAP,DIAGNOSTIC NIPPLE	
6-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
7	49119-41078GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
8	49121-42388GT	HOSE ASSY,1/4,STR FEM,STR M	2
9	49135-43389GT	HOSE ASSY,3/8 STR FEM-STR FEM	2
10	48916GT	CONN, 520120-6	10
11	49118-41408GT	HOSE ASSEMBLY,1/4",90 FEM,STR	2
12	49128-22009GT	HOSE ASSY,3/8,90 FEM,STR FEMM	1
13	49128-23609GT	HOSE ASSY,3/8,90 FEM,STR FEM	1
14	48917GT	CONN,LONG,520122-6	6
15	48933GT	CONN,520120-8***	1
16	49117-3591GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
17	49119-53778GT	HOSE ASSY,1/4,STR FEM,STR FEM	2

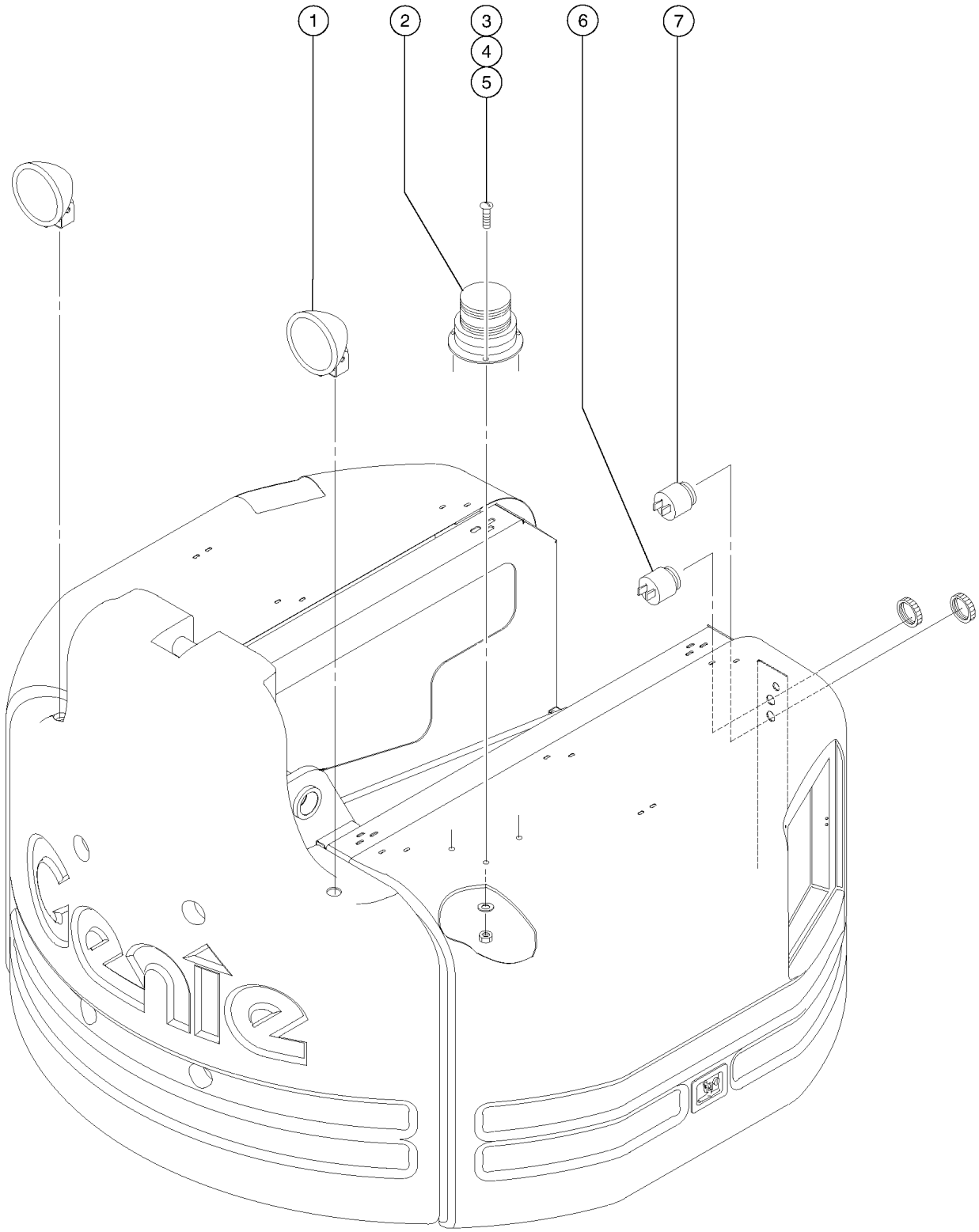
801.1 Alarm and Beacon Package (to SN 4172)



801.1 Alarm and Beacon Package (to SN 4172)

Item	*Part No.*	*Description*	*Qty.*
	48462-SGT	Z60 ALARM PACKAGE	
1	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
2	23405GT	NUTSERT,10-32 STEEL CAD PLTD	
3	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
4	6146GT	WASHER,FLAT,MS,#10,Y	
5	6178GT	NUT, NYLOCK, 10-32	
6	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** (replaced 20189)	2
6-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
6-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
6-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
6-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	150
6-	56445GT	DIODE,6 AMP 200 PIV,REEL	
7	89448PGT	FORMING,ALARM/BEACON	1
8	45462GT	ALARM,CHIME TONE 5-25VDC*** (does not include 72326 nut)	1
8-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
9	18963GT	ALARM, INTERMITTENT TONE 6-30V* (does not include 72326 nut)	1
9-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
10	32347GT	TAPE,DOUBLE BACKED ADHESIVE	25
11	27368P-SGT	BRACKET,ACCESSORY,PAINTED**	1

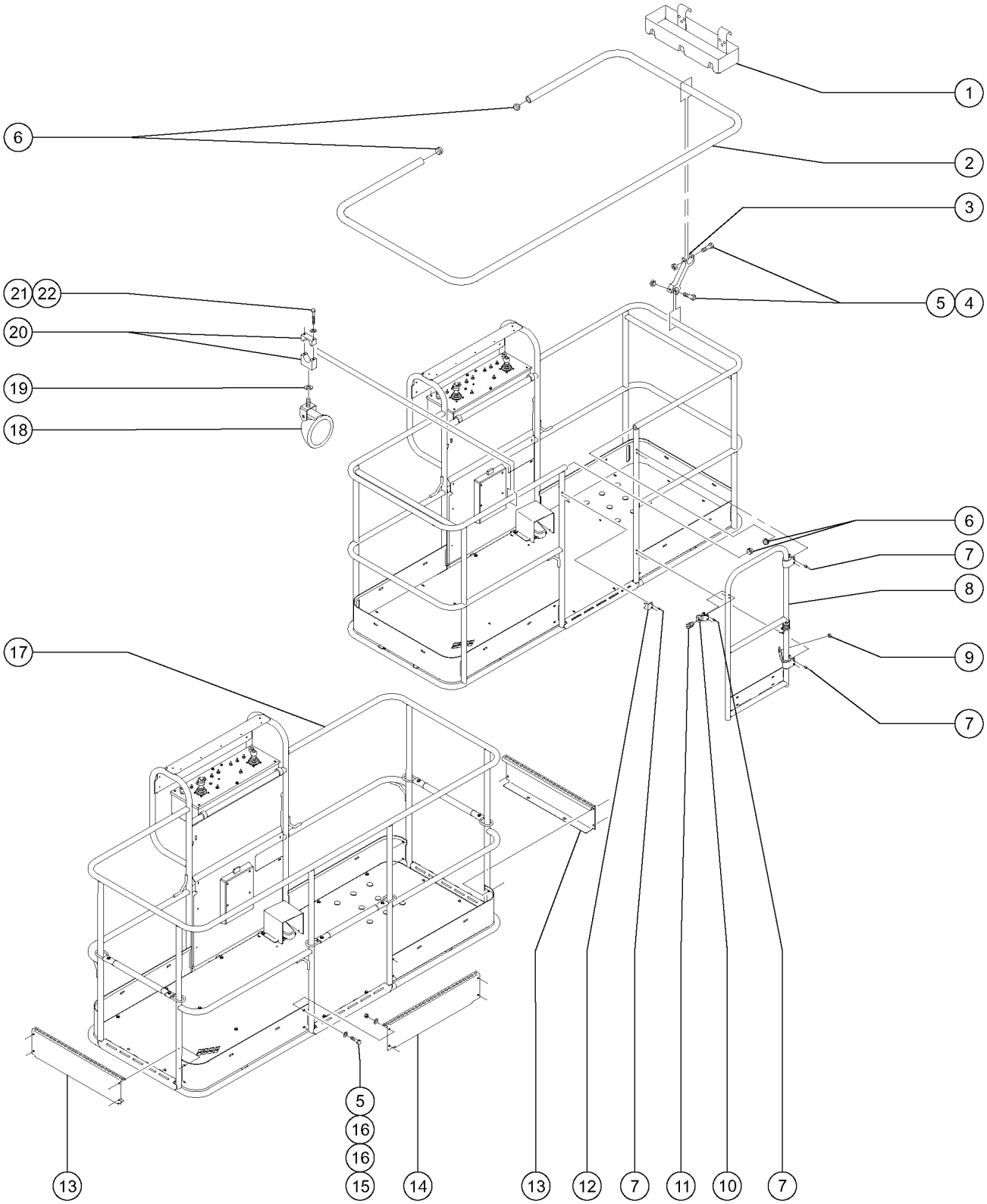
801.2 Alarm, Beacon Package and Driving Lights (from SN 4173)



801.2 Alarm, Beacon Package and Driving Lights (from SN 4173)

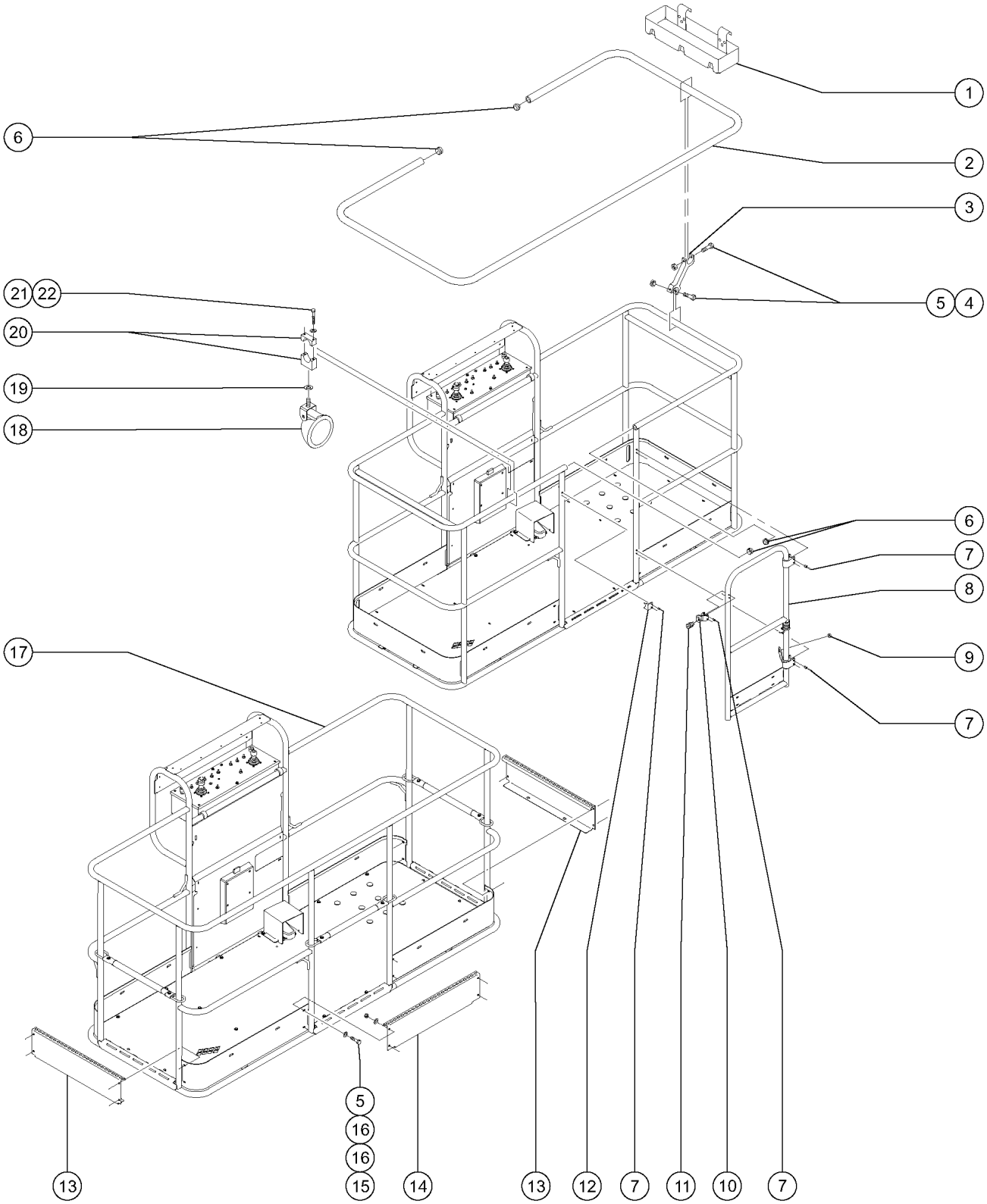
Item	*Part No.*	*Description*	*Qty.*
	89463GT	OPT,BEACON,TRAVEL ALARM,Z60 ..... includes items 2-5 and 7	
	122227GT	HARNESS,BEACON,Z60	
1	107858GT	WORKLIGHT,48 VOLT	2
1A	35960GT	BULB,WORKLIGHT,12V 35W	
1B	111153GT	HARNESS,DRIVE LIGHT OPT,Z60	
2	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** ..... (replaced 20189)	2
2-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
2-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
2-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
2-	1505GT	WIRE CABLE,16/2 SJO,BULK ..... engine side	124
2-	1505GT	WIRE CABLE,16/2 SJO,BULK ..... tank side	100
2-	56445GT	DIODE,6 AMP 200 PIV,REEL	
3	6147GT	SCREW,RHM,10-32 X 1	
4	6146GT	WASHER,FLAT,MS,#10,Y	
5	6178GT	NUT, NYLOCK, 10-32	
6	45462GT	ALARM,CHIME TONE 5-25VDC*** ..... (does not include 72326 nut)	1
6-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
7	18963GT	ALARM, INTERMITTENT TONE 6-30V* ..... (does not include 72326 nut)	1
7-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1

802.1 Platform Options



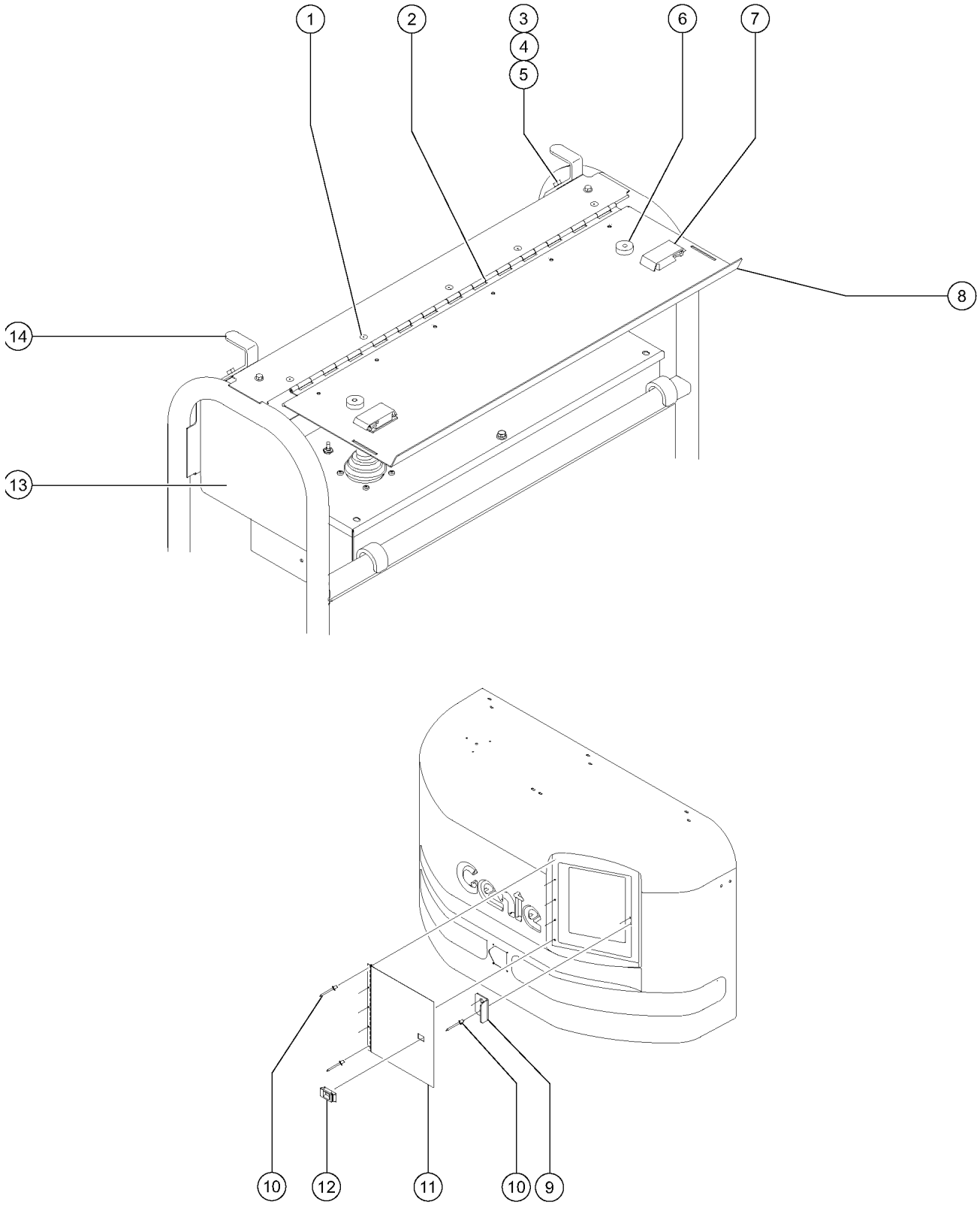
Item	Part No.	Description	Qty.
A-	53808-SGT	AUX TOP RAIL,6'(1.25")SERVICE	
B-	53807-SGT	AUX TOP RAIL,8'(1.25")SERVICE	
C-	101266GT	HT STAMPED 2X4X7" BLOCK	
D-	101267GT	HT STAMPED 2X4X9" BLOCK	
E-	107857GT	LIGHT, 12 VOLT no longer available customer may need to buy a mounting bracket (35956GT) and other hardware for complete install	
F-	73480GT	HARNESS,WORKLIGHT ACC	
G-	102721PGT	TOEBOARD,8'TRI ENTRY includes items 5, 13-16	
I-	102433GT	6' TRI-ENT ASSY W/DECALS ANSI USA and Canada models	
J-	102437GT	8' TRI-ENT ASSY W/DECALS ANSI USA and Canada models	
K-	102439GT	8' TRI-ENT ASSY W/DECALS CE European models	
L-	102434GT	6' TRI-ENT ASSY W/DECALS AUSTR Australian models	
M-	102438GT	8' TRI-ENT ASSY W/DECALS AUSTR Australian models	
N-	102436GT	6' TRI-ENT ASSY W/DECALS A/SOA Asia and South American models	
O-	102443GT	WORD DECAL KIT SERV S80/85 Asia and South American models	
1	9599-SGT	TOOL TRAY ACCESSORY***	1
2	1259704GT	PINCH GUARD RAIL,6' PLATFORM includes 55753 bumpers	1
2-	52661GT	PINCH GUARD RAIL,8' PLATFORM**	
2-	111485PGT	AUX TOP RAIL,6FT,PTD for use with swing gate	2
2-	111486PGT	AUX TOP RAIL,8FT,PTD for use with swing gate	
3	139958GT	KIT, AUX TOP RAIL SUPPORT	10
4	4266GT	SCREW,HHC,1/4-20 X 2	
4B	824227GT	SCREW, BHC, 1/4-20 X 1, ZAG	
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
5B	6091GT	NUT,NYLOCK,1/4-20	
6	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
7	7265GT	RIVET,STEEL,P, .25 X .375	14
8	128368GT	KIT,SWING GATE W/SPRING	1
	1290135GT	KIT,HALF FRONT,SWING GATE	

802.1 Platform Options



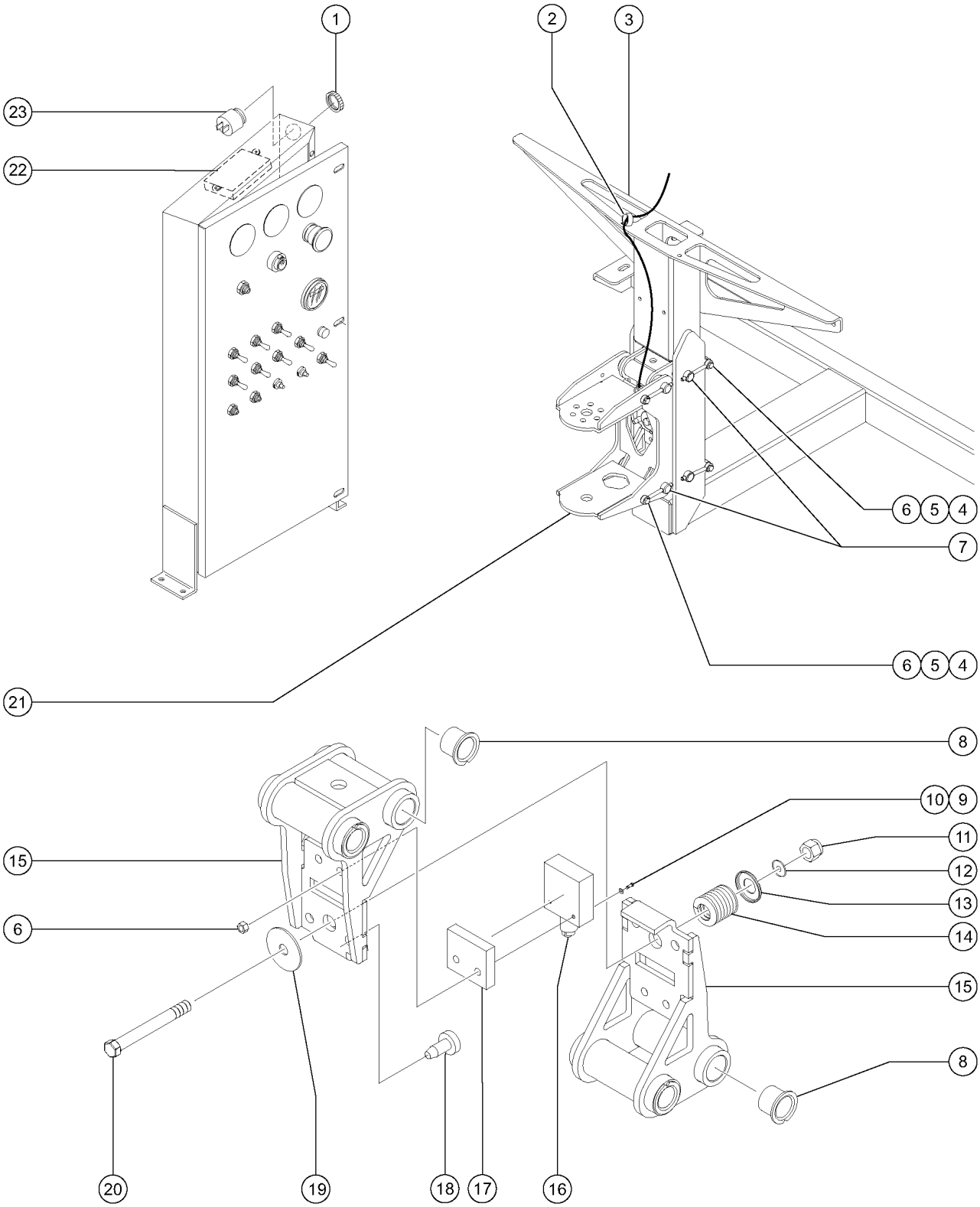
Item	Part No.	Description	Qty.
8-	9596GT	HINGE CASTING	
9	43392GT	BUMPER,BATTERY BOX & RAILS	1
10	1487GT	GATE LATCH CASTING--DRILLED	1
11	33674GT	PIN,LOCK,SHORT***	1
12	1488GT	RAILING CATCH CASTING--DRILLED	1
13	102721PGT	TOEBOARD,8'TRI ENTRY	2
13-	139438GT	TOEBOARD, TRI ENTRY 6', EURO	
14	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
15	6090GT	SCREW, HHC, 1/4-20 X .75	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	107704GT	6' TRI-ENT RAIL W/DECALS ANSI USA and Canada	
17-	107705GT	8' TRI-ENT RAIL W/DECALS ANSI USA and Canada	
17-	107706GT	8' TRI-ENT RAIL W/DECALS CE/UK Europe	
17-	107707GT	6' TRI-ENT RAIL W/DECALS AUSTR Australia	
17-	107708GT	8' TRI-ENT RAIL W/DECALS AUSTR Australia	
17-	107709GT	6' TRI-ENT RAIL W/DECALS A/SOA Asia and South America	
17-	107710GT	8' TRI-ENT RAIL W/DECALS A/SOA Asia and South America	
18	107858GT	WORKLIGHT,48 VOLT included with Work Light Option	2
18A	35960GT	BULB,WORKLIGHT,12V 35W	
19	6036GT	WASHER,LOCK,.625 PLTD	
20	75519GT	CLAMP,WORKLIGHT	2
21	6145GT	SCREW, HHC, 1/4-20 X 1.5	
22	6356GT	WASHER, LOCK, .25	

803.1 Ground and Platform Control Box Covers



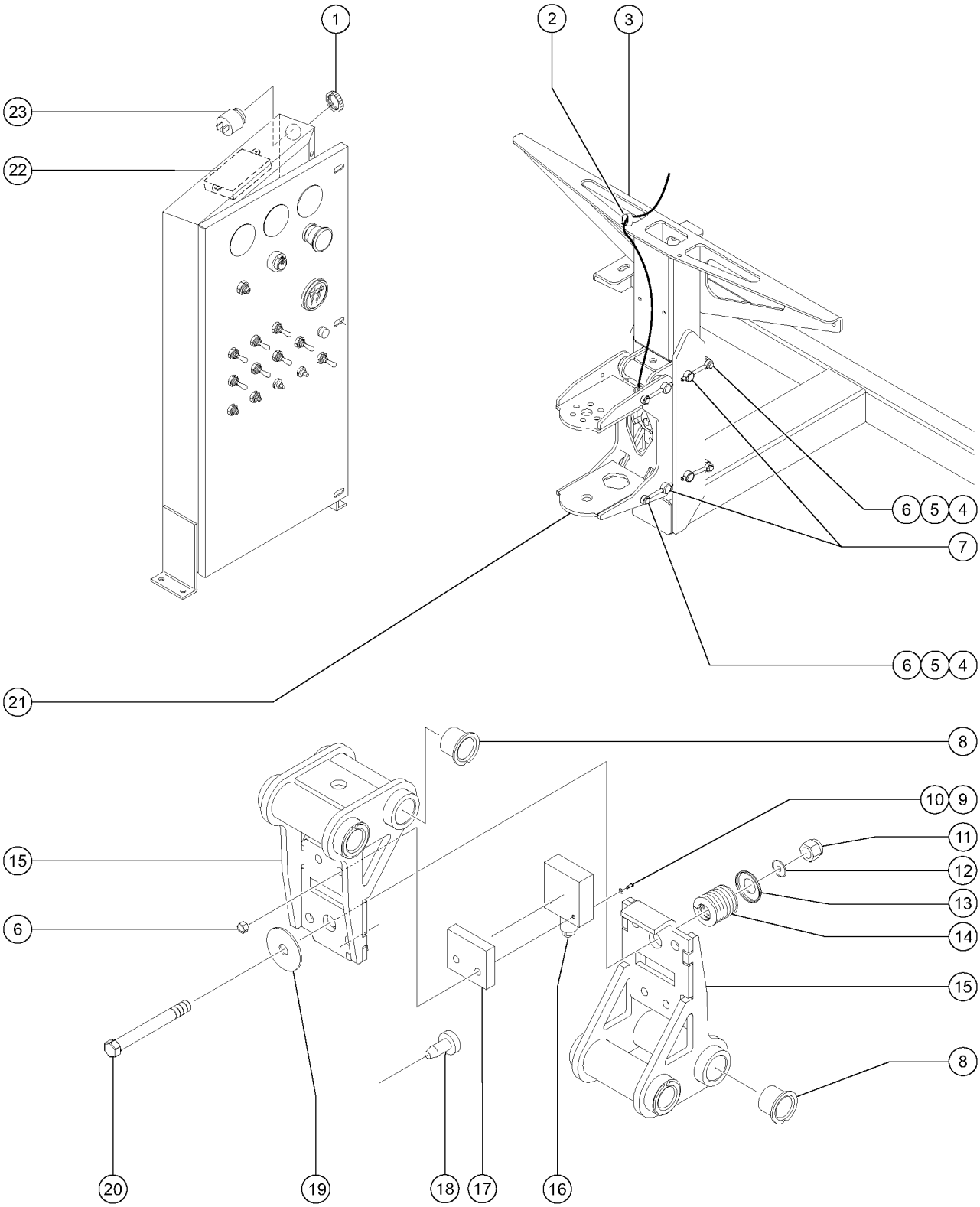
Item	Part No.	Description	Qty.
	88609-SGT	CONTROL BOX COVER ASSY***	
	89883-SGT	CONTROL BOX COVERS,OPTION,Z60	
1	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	11
2	111526GT	HINGE,PLAT CONTROL BOX COVER	1
3	6889GT	NUT,LP NYLOCK,1/4-20	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	43392GT	BUMPER,BATTERY BOX & RAILS	2
7	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	2
8	102676GT	LID ASSY,CONTROL BOX COVER PLT includes items 1, 3-9 and 14	1
8-	102785PGT	CONTROL BOX COVER,LID,PTD	
9	49534GT	DOOR LATCH,BASE CONTROL BOX	1
10	53189GT	RIVET,ALUM,ALUM,P,.25X.375	7
11	89723GT	COVER ASSEMBLY BASE CONTROL BO includes items 10, 11 and 13	1
12	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	1
13	88607PGT	COVER,CONTROL BOX LEFT SIDE***	1
13-	88606PGT	COVER,CONTROL BOX RIGHT SIDE**	
14	102786PGT	FORMING,LATCH,CTRL BOX LID PTD	2

804.1 Platform Overload - European Models



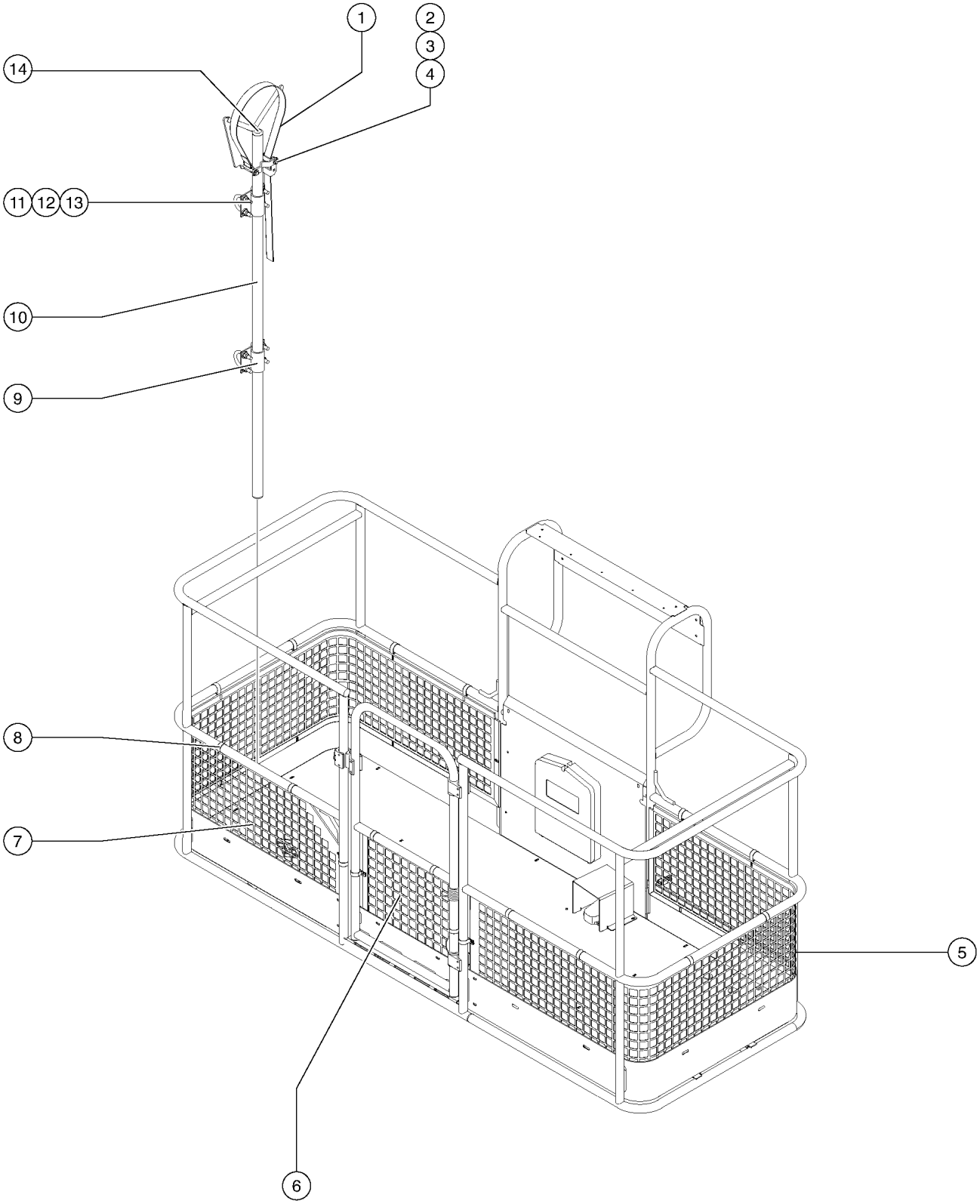
Item	Part No.	Description	Qty.
	102070GT	KIT,LOADSENSE,UPGRD,Z60 to SN 4336	
	146034GT	OPT,PLAT LD SENSE Z60-2008 from SN 4337	
	122098GT	HARNESS,LIFT/DRIVE CUT-OUT	
	19274GT	RELAY,SPDT,12V(AUTO)**	
1	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
2	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
2-	6090GT	SCREW, HHC, 1/4-20 X .75	
2-	6091GT	NUT,NYLOCK,1/4-20	
3	61997GT	WELDMENT,PLATFORM SUPPORT,CE European Models	1
4	6888GT	SCREW, HHC, 1/4-20 X 1	
5	825020GT	ROD END, .25 X 2.75, ZAG	4
6	6091GT	NUT,NYLOCK,1/4-20	
7	61726GT	PIN,0.75DIAX5.75LG,CHAMFER	4
7-	94643GT	ZERK,GREASE,5/16-24,STRAIT	
8	25685GT	BEARING,GARLOCK,12FDU12	8
9	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
10	6146GT	WASHER,FLAT,MS,#10,Y	
11	4828GT	NUT, NYLOCK, 3/8-16	
12	6097GT	WASHER, FLAT, USS, 3/8", Y	
13	61975GT	RETAINER,SPRING,1.21 X .375	1
14	61974GT	SPRING,COMP,1" OD,232 LB/IN	1
15	89755GT	LOAD SUPPORT W/BEARINGS includes item 8	2
15-	110789GT	WASHER,SHIM .0151 THK.	
16	94549GT	SWITCH,LOAD LIMIT	1
17	61972GT	MOUNT,SWITCH	1
18	34619GT	BUMPER,RUBBER***	2
19	80605GT	WASHER,FLAT,3/8X1.5X.06	
20	21604GT	SCREW,HHC,3/8-16 X 3.25	

804.1 Platform Overload - European Models



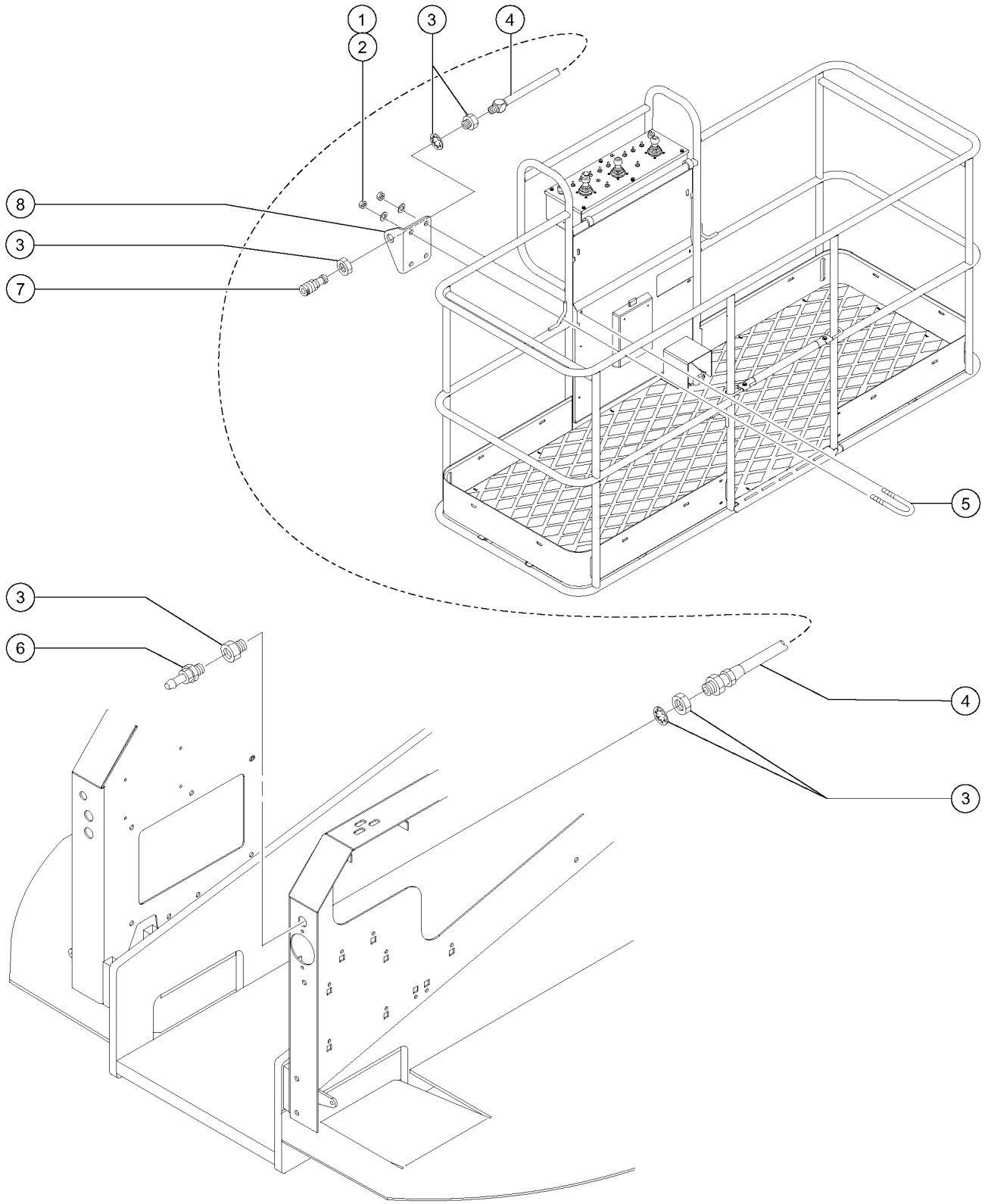
Item	*Part No.*	*Description*	*Qty.*
21	101845GT	ROTATOR MOUNT KIT	1
22	128045GT	MODULE,LOAD SENSE 2007	1
23	45383GT	ALARM,WARBLE TONE 5-30 VDC*** order 72326 retainer nut separately	1

805.1 Platform Half-mesh and Swing Gate

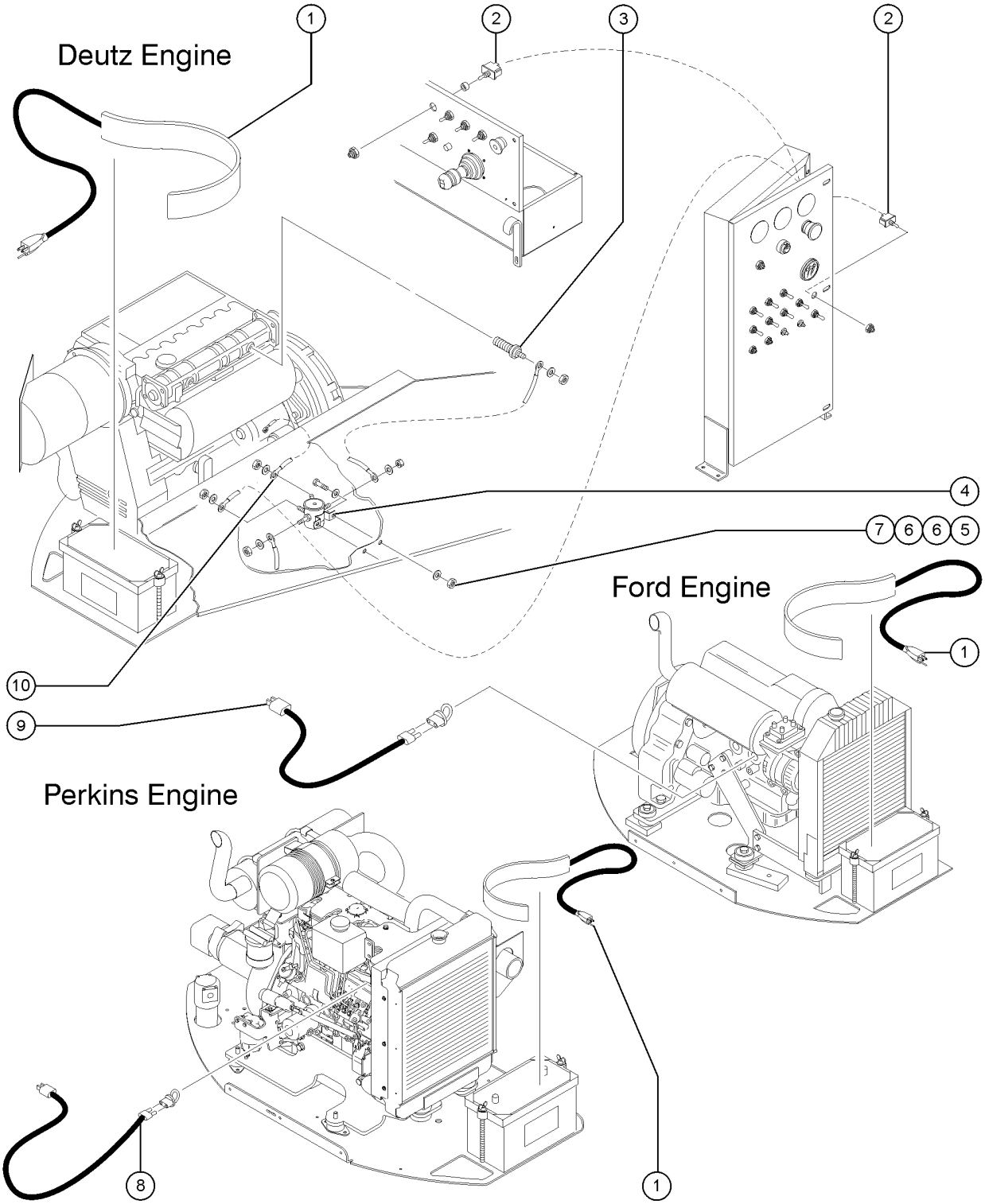


Item	Part No.	Description	Qty.
A	85300GT	PIPE CRADLE ASSY. SERV (ONE)**	
A-	65630GT	INSTRUCTIONS-PIPE CRADLE,BOOMS	
A-	72875GT	DECAL,WARNING,PIPE CRADLE,BOOM	
B	73956-SGT	6' HALF MESH PLAT/GATE KIT***	
C	73958-SGT	8' HALF MESH PLAT & GATE	
D		Ref. Swing Gate Option, Complete (refer to 802.1)	
1	56570GT	STRAP, CONDUIT HOLDER 60"***	1
2	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	
3			
4	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
5	73500GT	HALF MESH,8'PLATFORM,RH***	1
5-	54465GT	MESH,HALF,RH,6'PLATFORM	
6	54457GT	MESH,HALF,SWING GATE***	1
7	73501GT	HALF MESH,8'PLATFORM,LH	1
7-	54458GT	MESH,HALF,LH,6'PLATFORM	
8	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION 6 foot platform	14
8-	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION 8 foot platform	16
8-	6090GT	SCREW, HHC, 1/4-20 X .75	
8-	6091GT	NUT,NYLOCK,1/4-20	
8-	6638GT	WASHER, FLAT, USS, 1/4"Y	
9	81368GT	WELDMENT,PIPE CRADLE MOUNT	1
10	56525GT	WELDMENT, PIPE CRADLE	1
11	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	4
12	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
13			
14	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2

806.1 Air Line to Platform

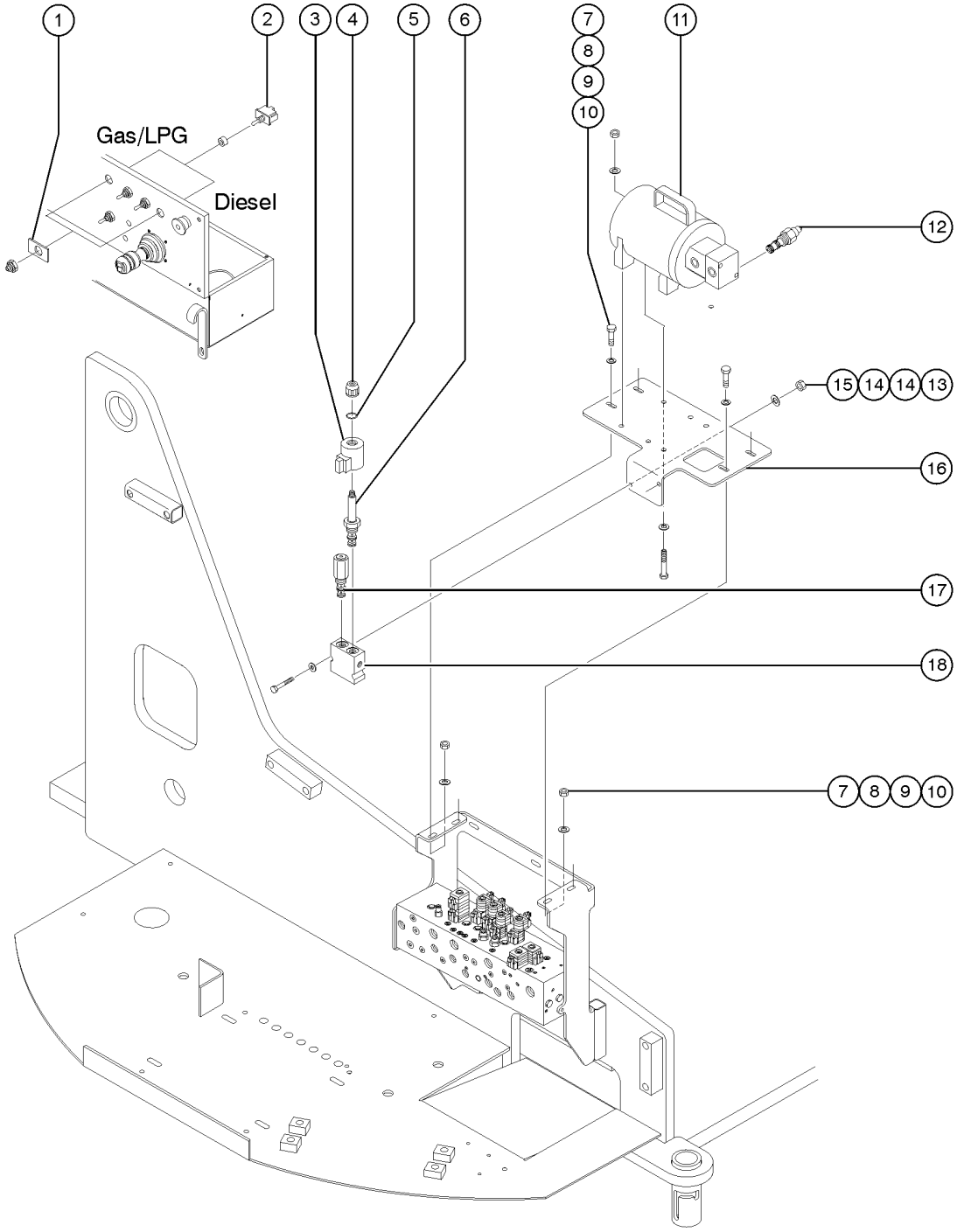


Item	Part No.	Description	Qty.
	30505GT	Z60 AIRLINE TO PLATFORM ..... includes items 3, 4, 6-8	
	44981GT	DECAL,LABEL,AIRLINE 110 PSI	
	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	
1	4828GT	NUT, NYLOCK, 3/8-16	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	49212GT	FEMALE BULKHEAD CONNECTOR-8	2
4	49190-94800GT	HOSE ASSEMBLY,1/2"	1
5	6550GT	U-BOLT,3/8 X 1 YZ	2
6	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	1
7	49215GT	MPT,CPLR,1/4"SER,3/8"X18	1
8	60886PGT	BRACKET,AIRLINE TO PLATFORM	1


Deutz Engine
Ford Engine
Perkins Engine
1
2
3
2
4
7
6
6
5
1
10
9
8
1

Item	Part No.	Description	Qty.
	81123GT	HARNESS,COLD START OPT,DUETZ Deutz models	
	89464GT	OPT,COLD START,DEUTZ,Z60-2002 Deutz models (includes items 1-7 and 10)	
	53156GT	COLD START,FORD, BIG BOOM Ford models, (includes item 1 and 9)	
1	28853GT	BLANKET,BATTERY	1
2	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Deutz models, (glow plug)	1
3	31408GT	GLOW PLUG,L1011 Deutz models	1
4	27155GT	SOLENOID,12V CONTINUOUS***	1
5	27082GT	NUT,NYLOCK,M5X.80	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	6090GT	SCREW, HHC, 1/4-20 X .75	
8	77382GT	HEATER,FREEZE PLUG,PRKINS40422 Perkins models	1
9	35610GT	HEATER,FREEZE PLUG,FORD LRG423 Ford models	1
10	49463GT	BATT,CABLE,RED, 4 GAUGE Deutz models	54 inches

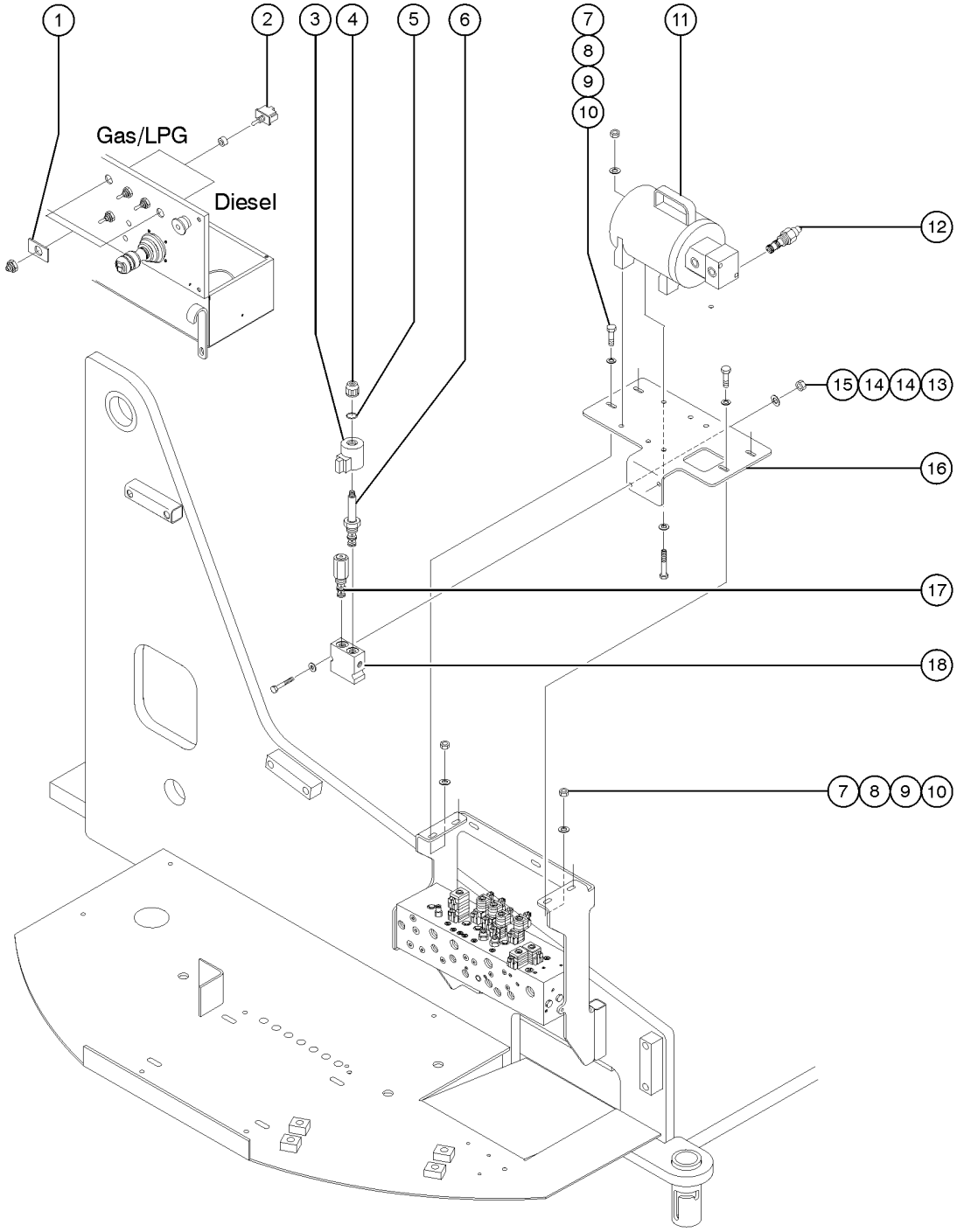
808.1 Generator Option - View 1



808.1 Generator Option - View 1

Item	Part No.	Description	Qty.
	122236GT	HARNESS,HYD GEN	
	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	
1	133518GT	DECAL, PATCH, GEN,ALC-500	1
2	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT	1
3	27535GT	COIL,12V.DO1 VALVE use until exhausted	1
4	33568GT	NUT, CP521-1 VALVE	1
5	45914GT	O-RING, DO1 VALVE	1
6	19969GT	VALVE,SOLENOID (18660)*** includes items 3-5	1
7	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
8	6021GT	WASHER, LOCK, .375	
9	5397GT	WASHER, FLAT, USS, 5/16-18	
10	7713GT	NUT, LP NYLOCK, 3/8-16	
11A	111381GT	GEN,HYD,3000W,110V,60HZ includes item 12	1
11A-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
11A-	52001GT	HYDRAULIC MOTOR 3000W GENER part of generator 111381	
11A-	T111608GT	SEAL,RETAINING RING for pump	
11A-	T111609GT	SEAL,SHAFT for pump	
11A-	T111610GT	SPACER for pump	
11A-	T111611GT	BEARING,MOTOR for pump	
11A-	T111612GT	RETAINING RING for pump	
11A-	T111613GT	SHAFT,MOTOR for pump	
11A-	58954GT	O-RING,SPACER #115*** for pump	
11A-	147836GT	SEAL, GASKET, .00075" *GOLD* for pump	
11A-	147837GT	SEAL, GASKET, .0005" *SILVER* for pump	
11A-	147838GT	SEAL, GASKET, .0010" for pump	
11A-	147839GT	ASSM, GEN. ONLY, 110V, 60HZ	
11B	36928GT	GENERATOR,2500W HYD.220/50HZ includes item 12	1

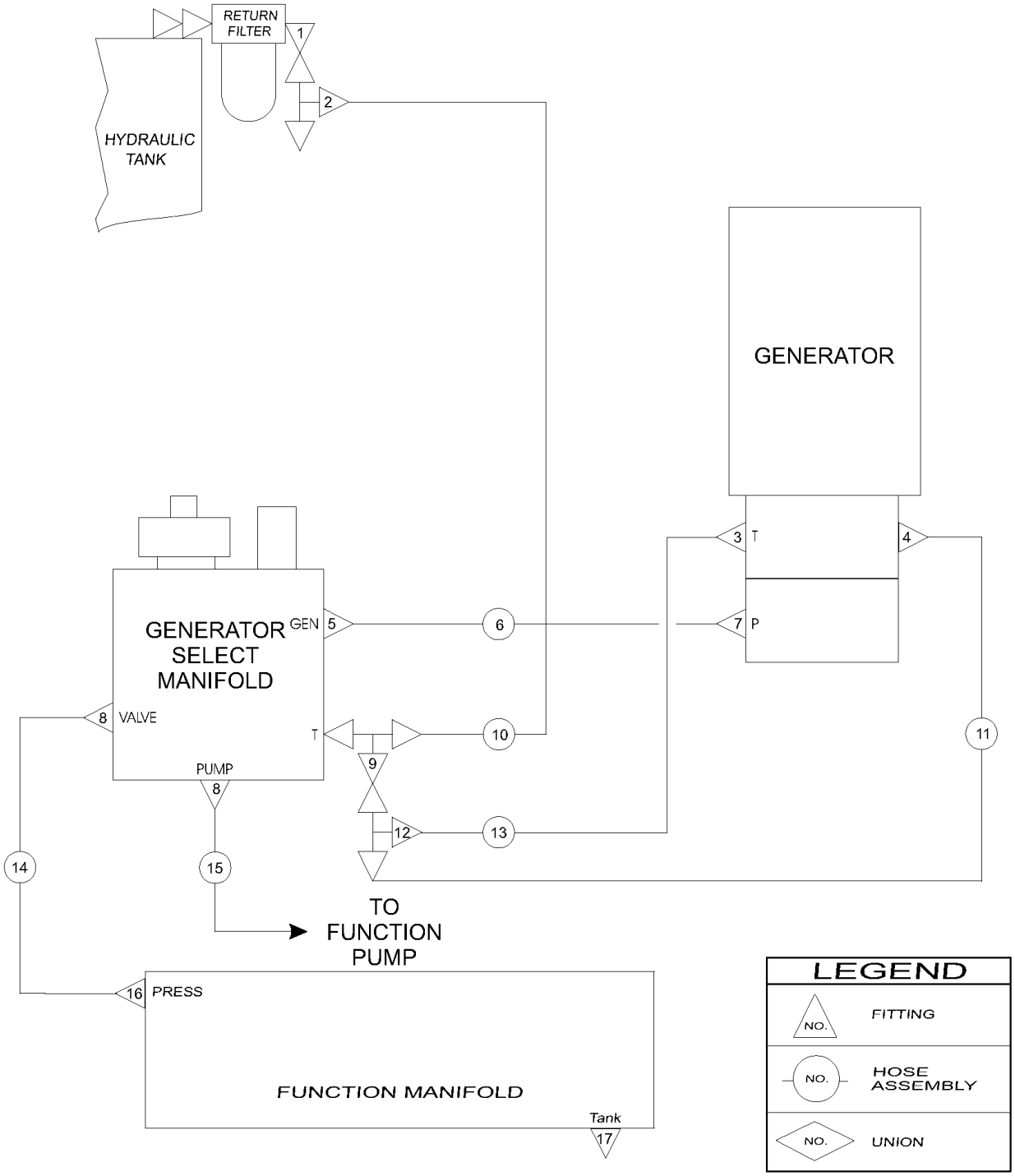
808.1 Generator Option - View 1



808.1 Generator Option - View 1

Item	Part No.	Description	Qty.
11B-	52086-RGT	MOTOR -HYD.2500W GENER REFURB. part of generator 36928	
11B-	58402GT	BRIDGE,50A FULL WAVE**	
11B-	89719GT	BRUSH ENDBELL ASSEMBLY (89719)	
11B-	T111608GT	SEAL,RETAINING RING for pump	
11B-	T111609GT	SEAL,SHAFT for pump	
11B-	T111610GT	SPACER for pump	
11B-	T111611GT	BEARING,MOTOR for pump	
11B-	T111612GT	RETAINING RING for pump	
11B-	T111613GT	SHAFT,MOTOR for pump	
11B-	147836GT	SEAL, GASKET, .00075" *GOLD* for pump	
11B-	147837GT	SEAL, GASKET, .0005" *SILVER* for pump	
11B-	147838GT	SEAL, GASKET, .0010" for pump	
11B-	32732GT	RECTIFIER ASSEMBLY	
11B-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
11B-	58954GT	O-RING,SPACER #115*** for pump	
12	32735GT	VALVE,PRI. FLOW REG 4.3 for 2000W & 2500W generators	1
12-	65841GT	PRIORITY FLOW CONTROL VALVE*** for 3000W generators	
13	4266GT	SCREW,HHC,1/4-20 X 2	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	6091GT	NUT,NYLOCK,1/4-20	
16	75987PGT	PLATE,GENERATOR MOUNT,Z60	1
17	44950GT	VALVE,RELIEF,1500 PSI***	1
18	53976GT	MANIFOLD,GENERATOR includes items 3-6 and 17	1

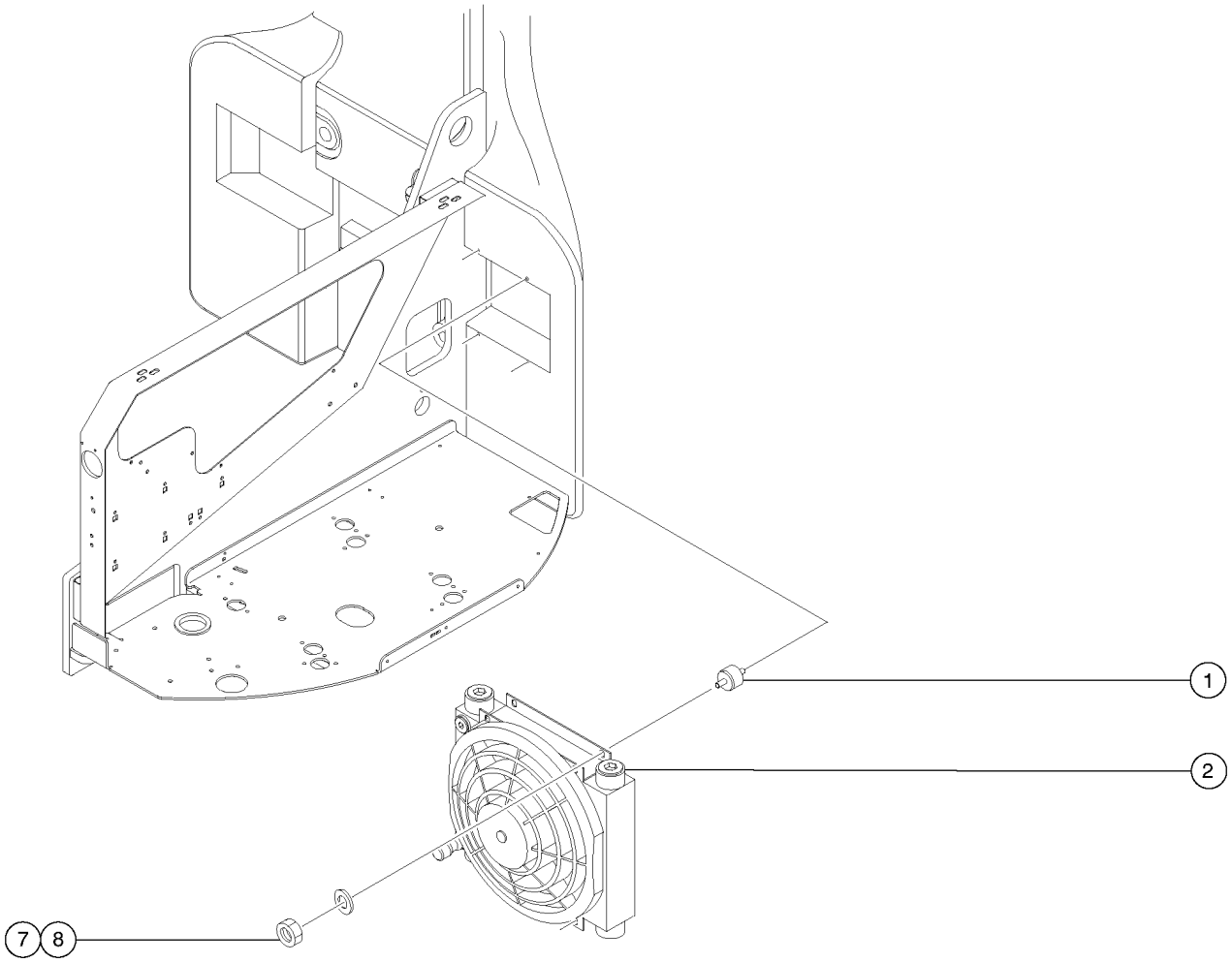
809.1 Generator Option - View 2

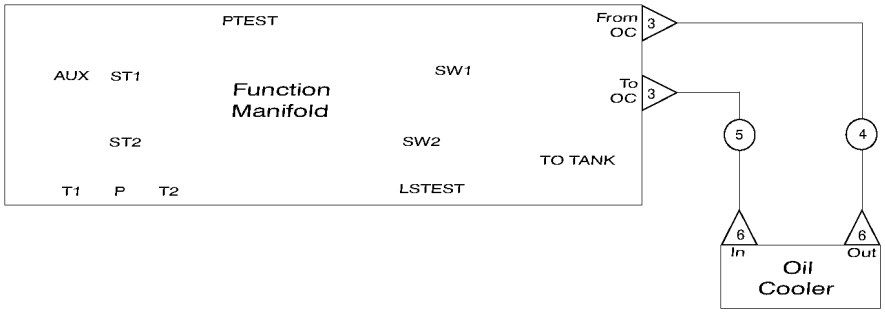


809.1 Generator Option - View 2

Item	Part No.	Description	Qty.
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49515GT	ELBOW,90D,520202-12-16	1
2	48964GT	TEE,RUN,SWIVEL,520432-12	1
3	48946GT	CONN,520120-8-10	1
4	48904GT	ELBOW, 90D, 520220-4	1
5	48933GT	CONN,520120-8***	1
6	75278-2229GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
7	48932GT	FITTING,ELBOW,90D,520220-8***	1
8	48960GT	FITTING,CONN,520120-12***	2
9	48935GT	TEE,RUN, 520428-8	1
10	94374-2130GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
11	49164-1443GT	HOSE ASSY 1/4,90 DEG FEM,STR F	1
12	48938GT	FITTING,TEE,RUN,SWIVEL520432-8	1
13	49109-1529GT	HOSE ASSY,1/2,90 FEM,STR FEMM	1
14	94374-1980GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
15	89871-9048GT	HOSE ASSY,3/4" STR-STR	1
16	48963GT	FITTING,ELBOW,45D,520320-12***	1
17	48977GT	CONN,520120-12-16	1

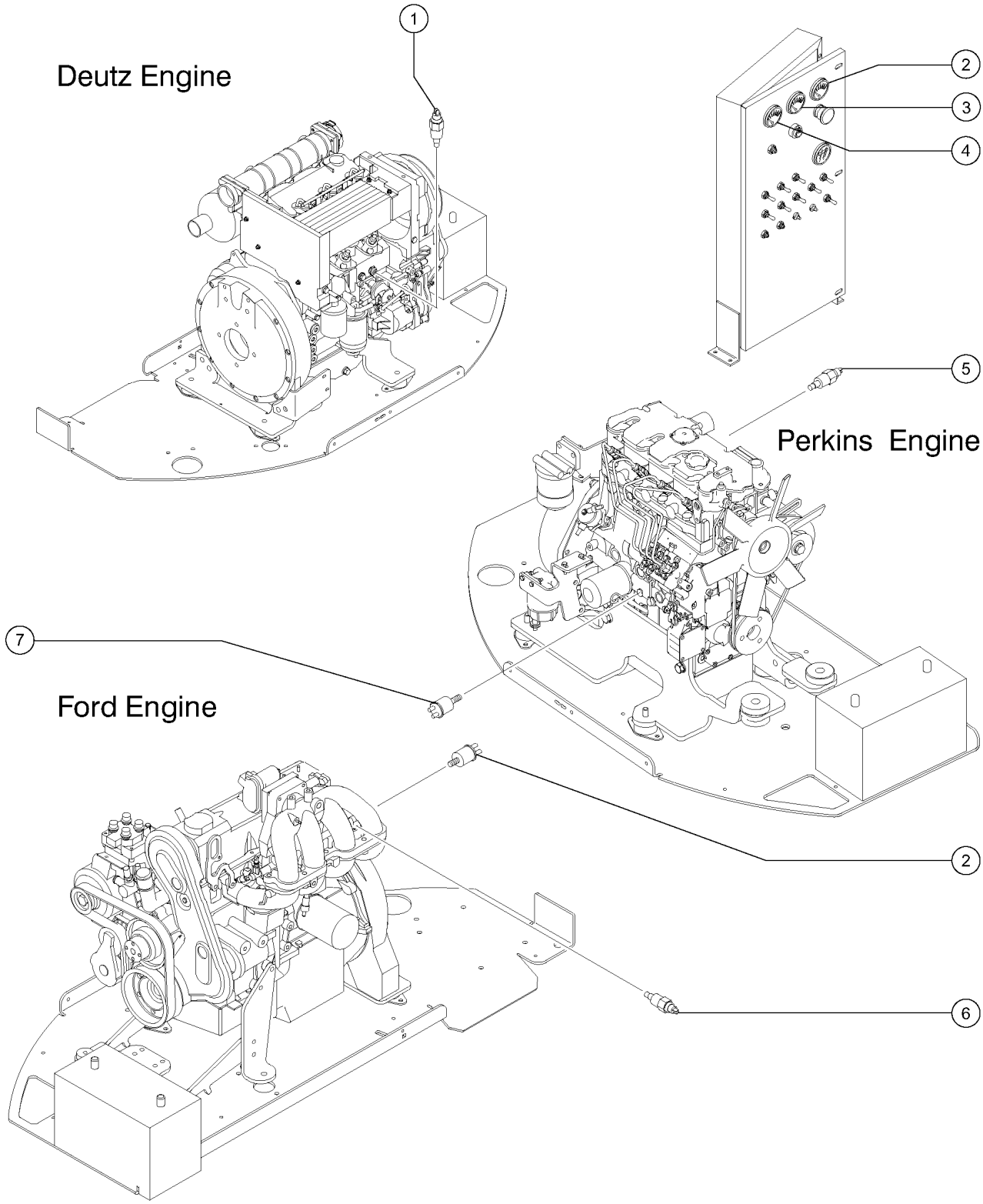
810.1 Hydraulic Oil Cooler





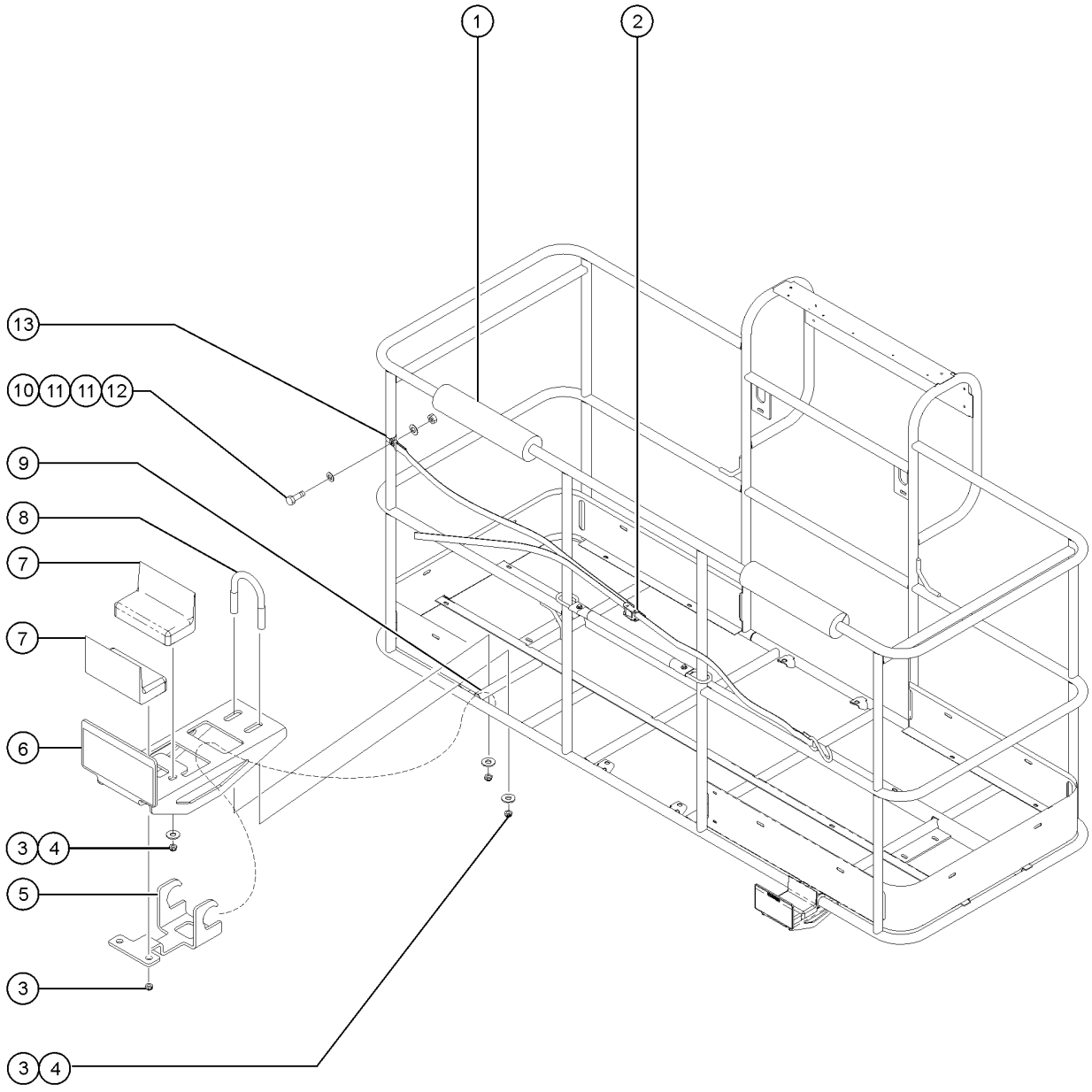
Item	Part No.	Description	Qty.
	89441GT	OPTION OIL COOLER Z60	
	89179GT	HARNESS,OIL COOLER	
1	75260GT	ISOLATOR,FLEX-BOLT SANDWICH***	4
2	71259GT	OIL COOLER W/FAN, 12VDC	1
2-	75854GT	FAN - VENTED	
2-	75855GT	THERMOSTAT -OIL COOLER (71259)	
3	48960GT	FITTING,CONN,520120-12***	2
4	49151-9948GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
5	49151-8948GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
6	48959GT	FITTING,ELBOW,90D,520220-12	2
7	4828GT	NUT, NYLOCK, 3/8-16	
8	6097GT	WASHER, FLAT, USS, 3/8", Y	

811.1 Gauge Option



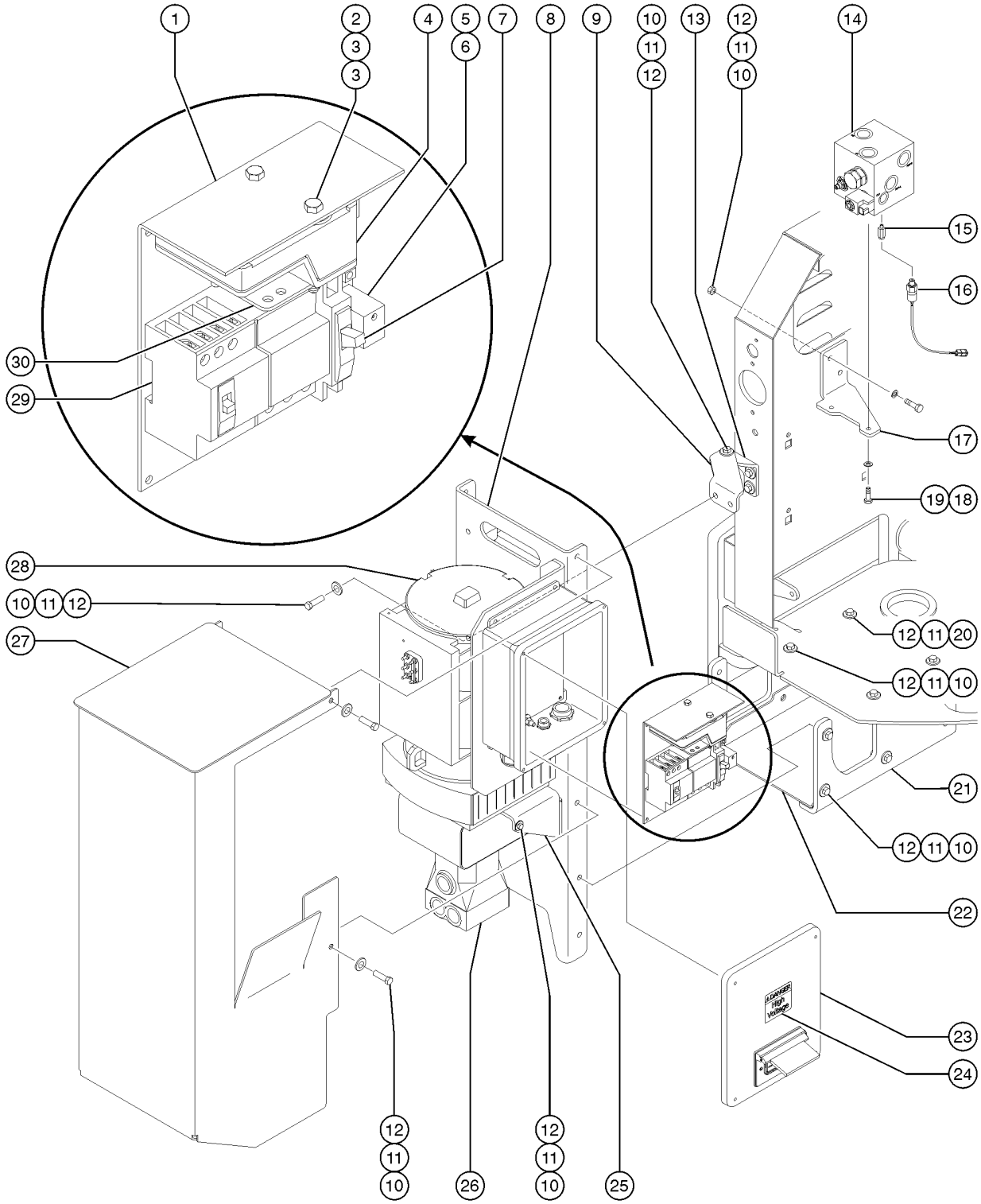
Item	Part No.	Description	Qty.
	89404-SGT	OPTION,FULL GAUGE,FORD Ford Models; to SN 4545	
	102326-SGT	OPTION,GAUGE,FORD TIER II Ford Models; from SN 4546	
	89405-SGT	OPTION,FULL GAUGE,DEUTZ Deutz Models	
	102275-SGT	OPTION,FULL GAUGE,PERKINS404 Perkins Models	
1	30810GT	SENDING UNIT,OIL PRESSURE*** dual-terminal sender	1
1-	70486GT	TEE,UNION,1/4" Ford models	
2	53761-SGT	GAUGE,VOLTAGE includes mounting bracket and fasteners	1
3	53758-SGT	GAUGE,OIL PRESSURE W/O SENDER includes mounting bracket and fasteners	1
4	53759-SGT	GAUGE,WATER TEMP includes mounting bracket and fasteners; Ford and Perkins models	1
4-	53760-SGT	GAUGE,OIL TEMP includes mounting bracket and fasteners; Deutz models	
5	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704 Ford and Perkins models	1
5-	28607GT	ADAPTER,140139-8-6	
6	65456GT	SENDING UNIT-H20TMP LRG425EFI* Ford models; from SN 4546	1
6-	33972GT	SENSOR,COOLANT TEMP*	
6-	28607GT	ADAPTER,140139-8-6	
7	102348GT	SENDING UNIT,OIL PRESS PERKINS	1
7-	53950GT	ADAPTER, 010103	

812.1 Panel Cradle Option



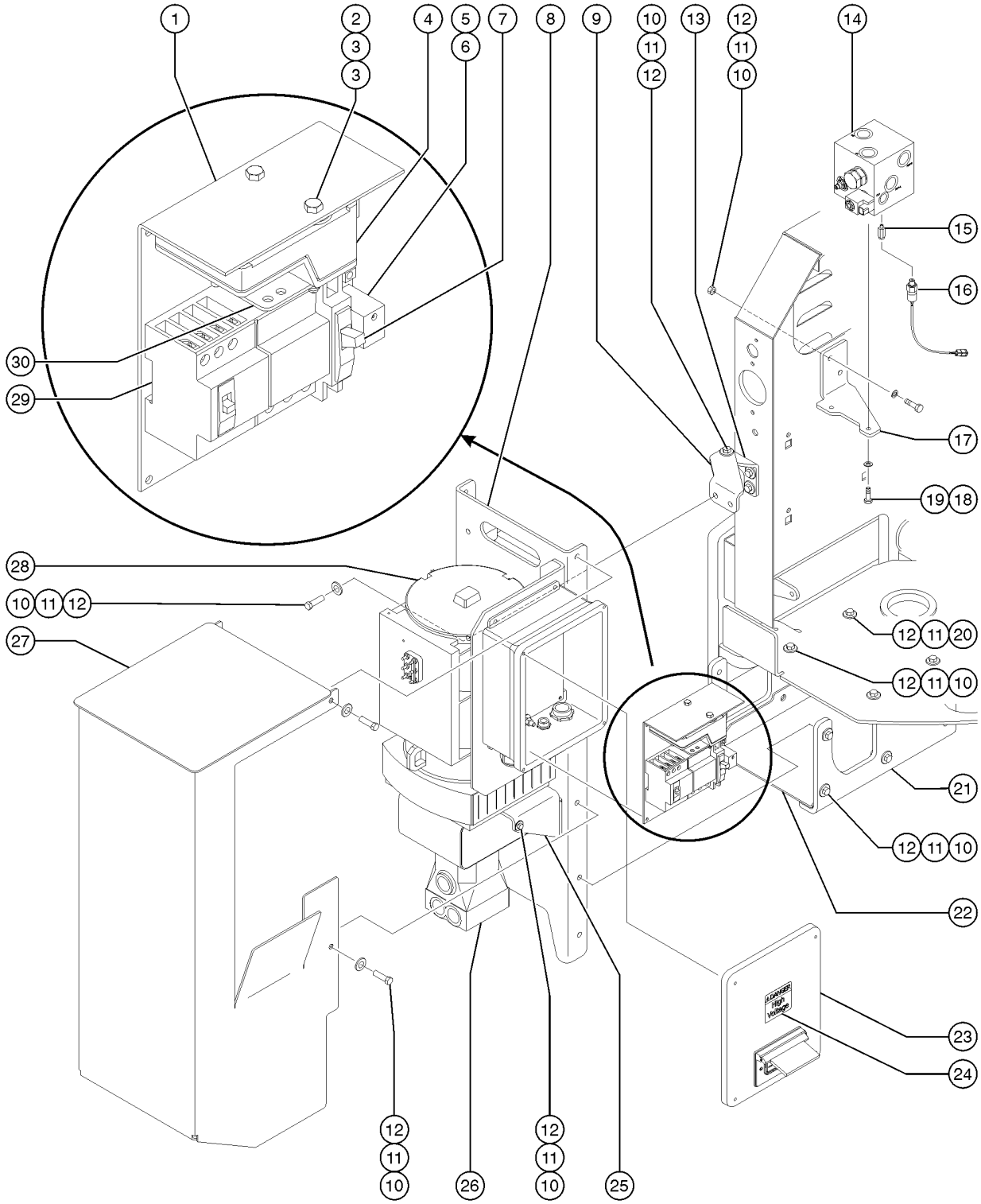
Item	Part No.	Description	Qty.
A-	77683GT	ACCESSORY,PANEL CRADLE,ANSI (ANSI/CSA models)	
B-	94493-SGT	KIT,PANEL CRADLE,CE (CE/AUS models)	
1	88377-1400GT	FOAM PAD***	2
2	77664GT	ADJUSTABLE STRAP ASSY	1
3	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
4	5397GT	WASHER, FLAT, USS, 5/16-18 for machines before 2010	
5	228849GT	FORMING,SECONDARY SUPPORT 77576P is no longer available. For machines before 2010, must install Qty 2 service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	2
6	228848GT	FORMING PANEL CRADLE 89724 is no longer available. For machines before 2010, must install Qty 2 service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	2
6-	233992GT	KIT,PANEL CRADEL BRACKET,WORD (ANSI models) (includes hook, panel support bracket and installation instructions)	1
6-	233993GT	KIT,PANEL CRADLE BRACKET,SYMBL (CE models) (includes hook, panel support bracket and installation instructions)	1
7	56934GT	PAD,REST,1"THICK,FLANGED	4
7A	824038GT	NUT, TL JAM, 3/8-16, A, ZAG for 56934	4
8	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
9	73463-1175GT	TUBE, RD, ALUM, 1.25 X .083 X 11.75	2
10	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	1
11	6638GT	WASHER, FLAT, USS, 1/4"Y for machines before 2010	
12	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	1
13	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	1

813.1 Welder Option, Chassis Components



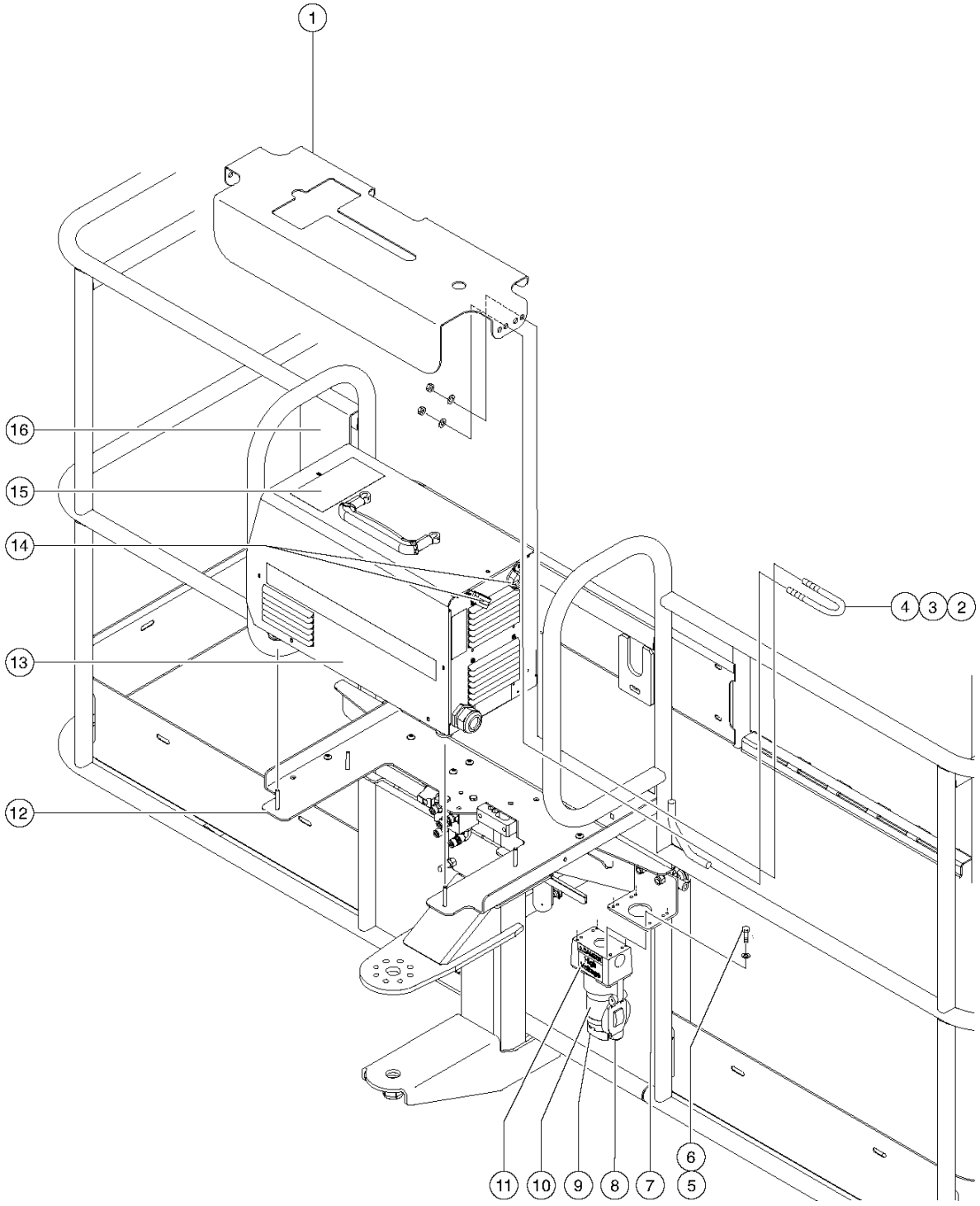
Item	Part No.	Description	Qty.
A-	106644GT	HARNESS,GROUND WIRES	
B-	226503GT	HARNESS,WELD GEN ENCLOSURE	
C-	226504GT	HARNESS,HYD GENERATOR	
D-	106678GT	HARNESS,WELDER GEN TO J-BOX	
E-	110220GT	DECAL,WARNING,WELDER SAFETY	
F-	110344GT	BRUSH BOX,ASSY,GEN***	
G-	21187GT	PLUG,NYLON 1.38 BLACK DOMED	
1	102314GT	PANEL, ENCLOSURE, LINCO WELDER	1
2	36294GT	SCREW,HHC,1/4-20 X 2.75	
3	6889GT	NUT,LP NYLOCK,1/4-20	
4	106657GT	MODULE,CONTROL,HI AMP	1
5	33607GT	RELAY,OMRON,DPDT,12V	1
6	33608GT	RELAY,SOCKET,OMRON	1
7	106073GT	CIRCUIT BREAKER,20A,SINGLE PH	1
8	106412PGT	BRKT,WELDER GEN MOUNT BACK,PNT	1
9	106587PGT	FORMING, ROTATE GUSSET #2,P	1
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	6097GT	WASHER, FLAT, USS, 3/8", Y	
12	4828GT	NUT, NYLOCK, 3/8-16	
13	106588PGT	FORMING, ROTATE GUSSET #1,P	1
14	101516GT	MANIFOLD,DRIVE OIL DIVERTER	1
14-	94757GT	VALVE,CHECK,3 PSI***	
14-	128416GT	SEAL KIT use with part 94757	
14-	94760GT	VALVE,SOLENOID,10V,W/OUT COIL*	
14-	128419GT	SEAL KIT use with part 94760	
14-	94765GT	COIL-10V DC***	
14-	94759GT	NUT,SOLENOID	
14-	122302GT	RELIEF,VALVE 270 PSI	

813.1 Welder Option, Chassis Components



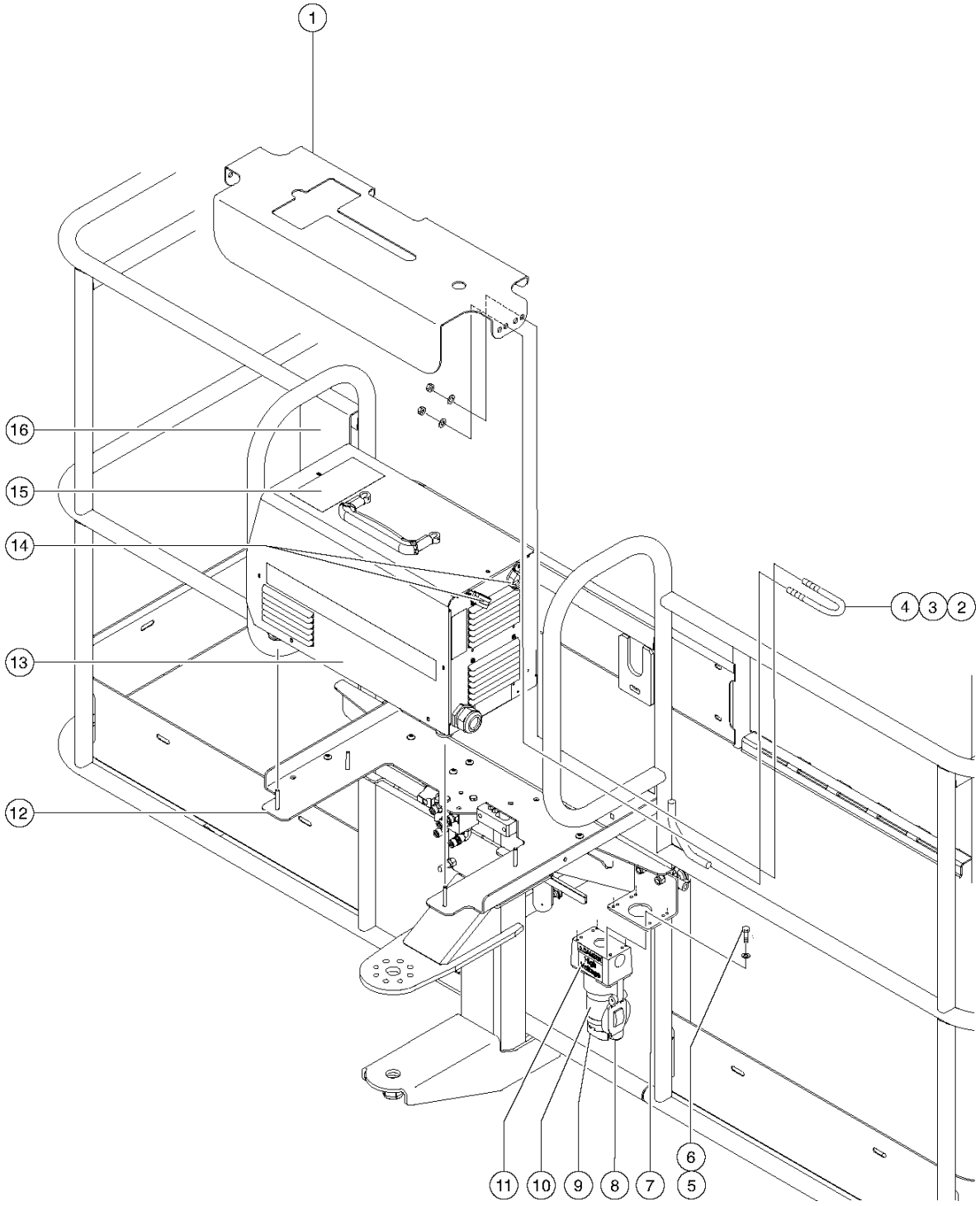
Item	Part No.	Description	Qty.
14-	102746GT	VALVE,PILOT OPER DIRECTIONAL	
14-	106394GT	ORIFICE DISC,.030,CONE	
15	146285GT	CONN, SAE#4-1/4" NPT	1
16	146284GT	SWITCH,PRESS,#4NPT,200PSIF	
17	106420PGT	BRKT,WELDER DIV.MANIFOLD,P	1
18	10107GT	SCREW,HHC,5/16-18 X .75	
19	6886GT	WASHER,LOCK,.313	
20	57072GT	SCREW,BHHS,3/8-16 X 1.25	
21	106416GT	BRKT,WELDER GEN BASE,L	1
21-	106417GT	BRKT,WELDER GEN BASE,R	
22	106655GT	FORMING,HOSE TRAY	1
23	1291283GT	ASSY,ENCLOSURE W/DECAL,WELDER,GEN includes items 1-7, 24, 29 and 30	1
24	82237GT	DECAL,DANGER,HIGH VOLTAGE	1
25	106415GT	BRKT,WELDER GEN MNT BOTTOM	1
26	106184GT	MOTOR,HYD 12.5KW GEN,21CC***	1
26-	162006GT	SEAL KIT,HYD MOTOR(106184)	
27	106479GT	WELDMENT,WELDER GEN COVER	1
28	106113GT	GENERATOR,HYDRO-12KEP-21-3 includes item 26	1
28-	106274GT	GENERATOR,12.5 KW,W/O MOTOR***	
28-	122300GT	COVER,WELDER GENERATOR	
28-	T113655GT	COUPLING, 28MM (106113)	
28-	T114022GT	SPIDER (106113)	
28-	T114023GT	COUPLING (106113)	
29	106477GT	GFI/CIRCUIT BREAKER ASSEMBLY	1
29-	227425GT	CIRCUIT BREAKER, 35A 3PH	
29-	106375GT	GFCI,50A, 3PH	
30	106140PGT	BRACKET,1K OHM 10-TURN POT,PNT	1
30-	102357GT	POTENTIOMETER ASSY, WELDER	

814.1 Welder Option, Platform Components

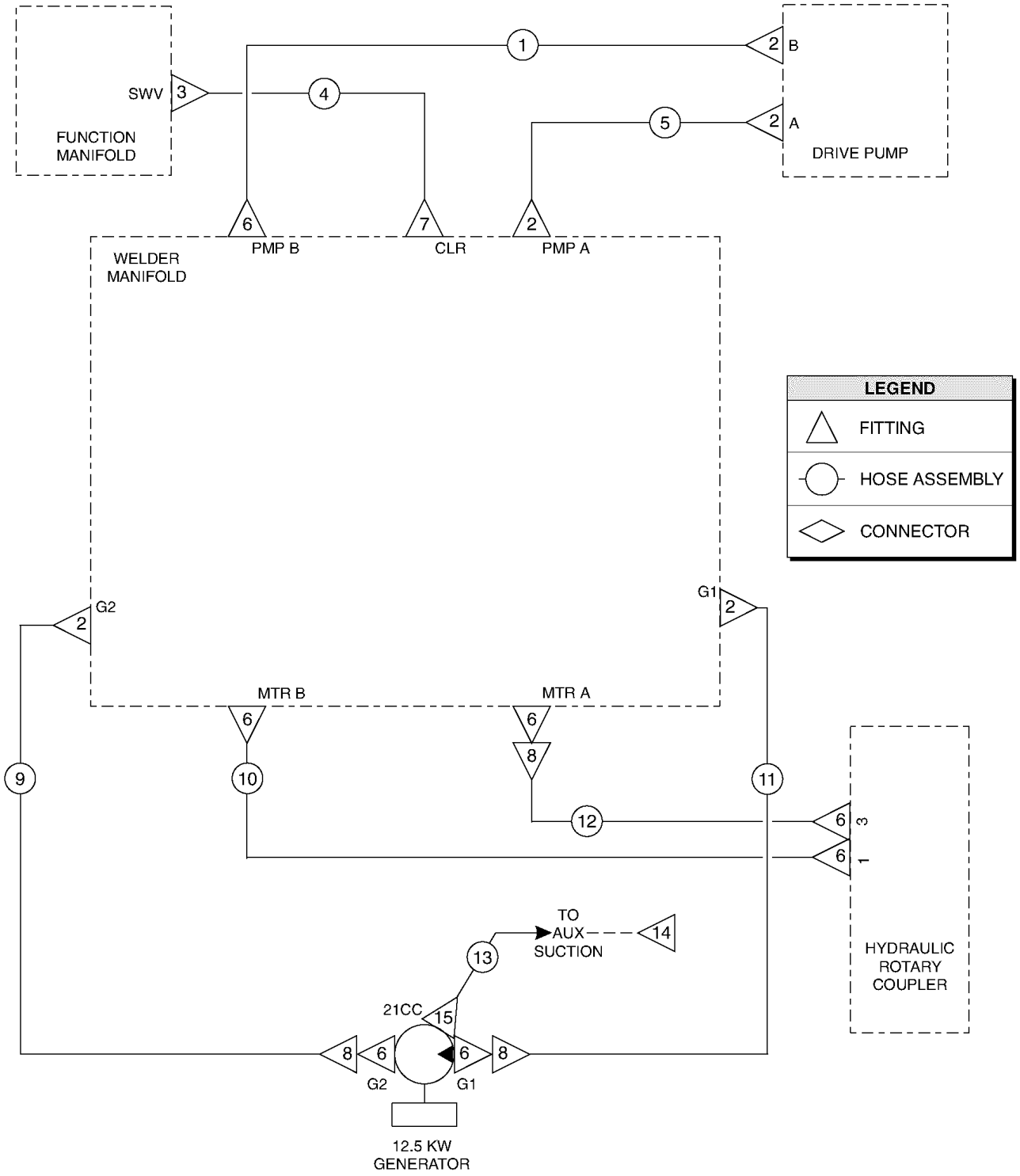


Item	Part No.	Description	Qty.
	88406GT	FIRE EXTINGUISHER	
	82862GT	DECAL,FIRE EXTINGUISHER	
	97579GT	DECAL,DANGER,TIP-OVER,WELDER**	
	133518GT	DECAL, PATCH, GEN,ALC-500	
	110220GT	DECAL,WARNING,WELDER SAFETY	
	110276GT	FIRE SLEEVE, 1.25"	19 inches
	110276GT	FIRE SLEEVE, 1.25"	35 inches
	110276GT	FIRE SLEEVE, 1.25"	48 inches
	28443GT	CABLE TIE, 11.5" BLACK	
1	1290931GT	BRACKET, WELDER MOUNT SUPPORT, Z80	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	6550GT	U-BOLT,3/8 X 1 YZ	2
5	47363GT	SCREW,RHM,8-32 X .50	
6	35461GT	WASHER,FLAT,MS,#8,Y	
7	101731PGT	BRACKET,POWER TO PLAT TBOX,PNT	1
7-	4828GT	NUT, NYLOCK, 3/8-16	
7-	5397GT	WASHER, FLAT, USS, 5/16-18	
7-	6550GT	U-BOLT,3/8 X 1 YZ	
8	101732GT	COVER,WEATHERPROOF 3-PHASE	
9	106112GT	PLUG,4-WIRE,3-PHASE,50A,MALE	1
10	106110GT	T-BOX,2.75X4.5X2.63,3PH	1
11	106111GT	RECEPTCL,LOCK 3-PH,50A,4 WIRE	
11-	82237GT	DECAL,DANGER,HIGH VOLTAGE	2
12	102408PGT	BRACKET,LINCOLN WELDER,PNTD	1
12-	102409PGT	BRACKET,WELDER MNT SUPPORT,PNT	

814.1 Welder Option, Platform Components

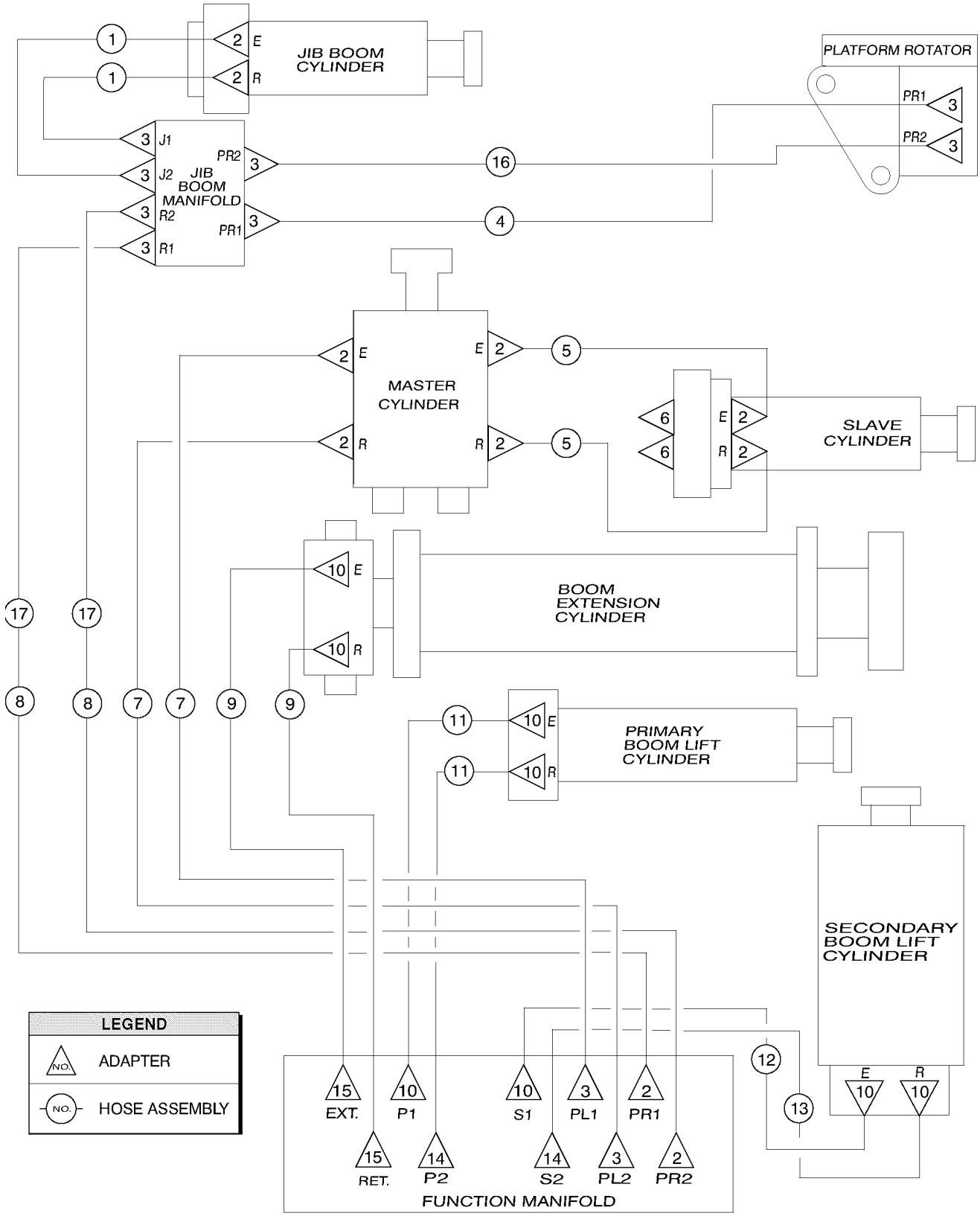


Item	Part No.	Description	Qty.
12-	106044GT	U-BOLT,3/8-16X4X4.63X3.00	
12-	4828GT	NUT, NYLOCK, 3/8-16	
12-	5397GT	WASHER, FLAT, USS, 5/16-18	
12-	106043GT	SCREW,SECURITY,5/16-18X1.00	
12-	6782GT	NUT, NYLOCK, 5/16-18	
13	101525GT	WELDER,INVERTEC V275-S	1
13-	106275GT	KIT,WELD LEADS ASSY,V275S includes both cables	
13-	106183GT	FUSE,.6AMP,250V,WELDER,V275S	
13-	106141GT	SCREW,SECURITY,1/4-20 X 1.75LG	
14	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	2
15	110220GT	DECAL,WARNING,WELDER SAFETY	1
16	106204PGT	BRACKET,V275S WELD LEADS	1


FUNCTION MANIFOLD
SWV
3
1
2
B
4
5
2
A
DRIVE PUMP
6
PMP B
7
CLR
2
PMP A
WELDER MANIFOLD
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
G2
2
G1
2
MTR B
MTR A
6
6
8
9
10
11
12
6
3
6
1
HYDRAULIC ROTARY COUPLER
TO AUX SUCTION
14
13
21CC
15
8
6
6
8
G2
G1
12.5 KW GENERATOR

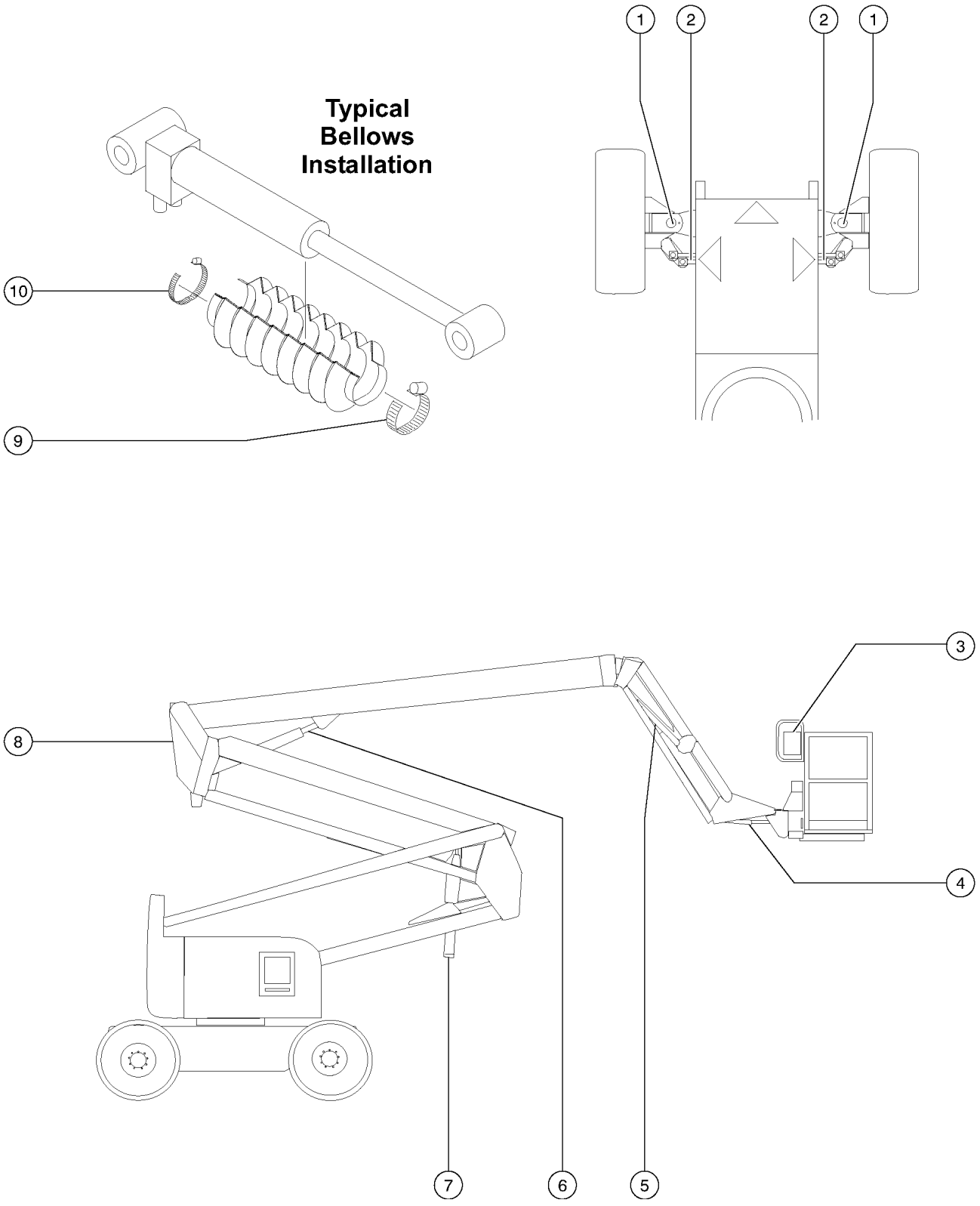
Item	Part No.	Description	Qty.
1	94374-4830GT	HOSE ASSY,3/4",90F,STR F	1
2	48959GT	FITTING,ELBOW,90D,520220-12	5
3	48964GT	TEE,RUN,SWIVEL,520432-12	1
4	49142-13762GT	HOSE ASSY,1/2"	1
5	89871-4848GT	HOSE ASSEMBLY,3/4" STR-STR	1
6	48960GT	FITTING,CONN,520120-12***	7
7	48933GT	CONN,520120-8***	1
8	61262GT	ELBOW,SWIVEL 90D, 520221-12	3
9	106665-4929GT	HOSE,ASSY 3/4 90LG FEM,STR FEM	1
10	89581-5030GT	HOSE ASSY.,3/4",90 FEM,STR F	1
11	106665-5229GT	HOSE ASSY,3/4 90LG FEM,STR FEM	1
12	94374-4930GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
13	106666-8446GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
14	48875GT	TEE,RUN,SWIVEL,520432-6	1
15	48948GT	CONN,520120-8-12	1

816.1 Hydraulic Hoses and Fittings - Arctic Hose Option



Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	102232-9291GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
2	48912GT	CONN,520120-4-6***	10
3	48905GT	CONNECTOR, 520120-4	10
4	101792-3578GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
5	101792-54978GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
6	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	2
6-	48880GT	CAP,DIAGNOSTIC NIPPLE	
6-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
7	101792-41078GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
8	49121-42388GT	HOSE ASSY,1/4,STR FEM,STR M	2
9	102230-43389GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
10	48916GT	CONN, 520120-6	8
11	102231-41408GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
12	101794-22009GT	HOSE ASSY,3/8,90 FEM,STR FEM	1
13	101794-23609GT	HOSE ASSY,3/8,90 FEM,STR FEM	1
14	48917GT	CONN,LONG,520122-6	2
15	48933GT	CONN,520120-8***	2
16	102232-3591GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
17	102233-50988GT	HOSE ASSY,1/4,STR FEM,STR MALE	2

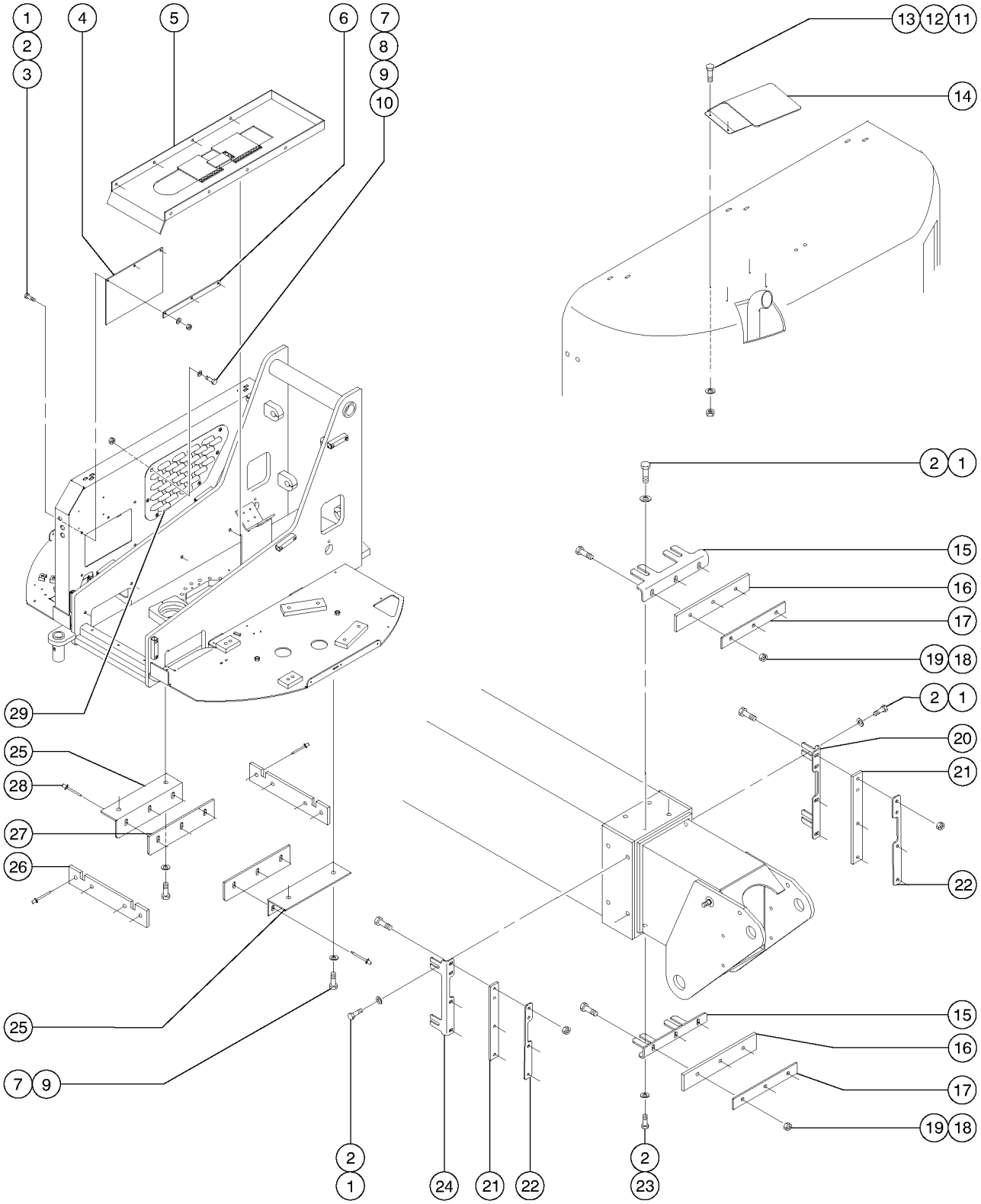
817.1 Hostile Environment Package - View 1



817.1 Hostile Environment Package - View 1

Item	Part No.	Description	Qty.
	34965GT	Z60 STD.HOSTILE ENVIRONMNT PKG	
	34964-SGT	Z60 DLX, HOSTILE ENVIRONMENT	
1	63727GT	COVER, PROTECTIVE, OSCILLATE	2
2	34922GT	COVER,PROTECTIVE,STEERING includes items 9 and 10	2
3	52251GT	DECAL,PROTECTOR,CLEAR,PLATE***	1
4	34923GT	COVER,PROTECTIVE,Z60 SLAVE includes items 9 and 10	1
5	34925GT	COVER,PROTECTIVE,Z60 JIB includes items 9 and 10	1
6	34924GT	COVER,PROTECTIVE,Z60 PRIMARY includes items 9 and 10	1
7	34904GT	COVER,PROTECTIVE,Z60 ELEVATE includes items 9 and 10	1
8	34926GT	COVER,PROTECTIVE,Z60 MASTER includes items 9 and 10	1
9	45171GT	CLAMP,HOSE,1.75,LINED	7
9-	35434GT	CLAMP,HOSE,2.00***	
10	30971GT	CLAMP,HOSE,3.00"	7
10-	34955GT	CLAMP, HOSE, 5.00	

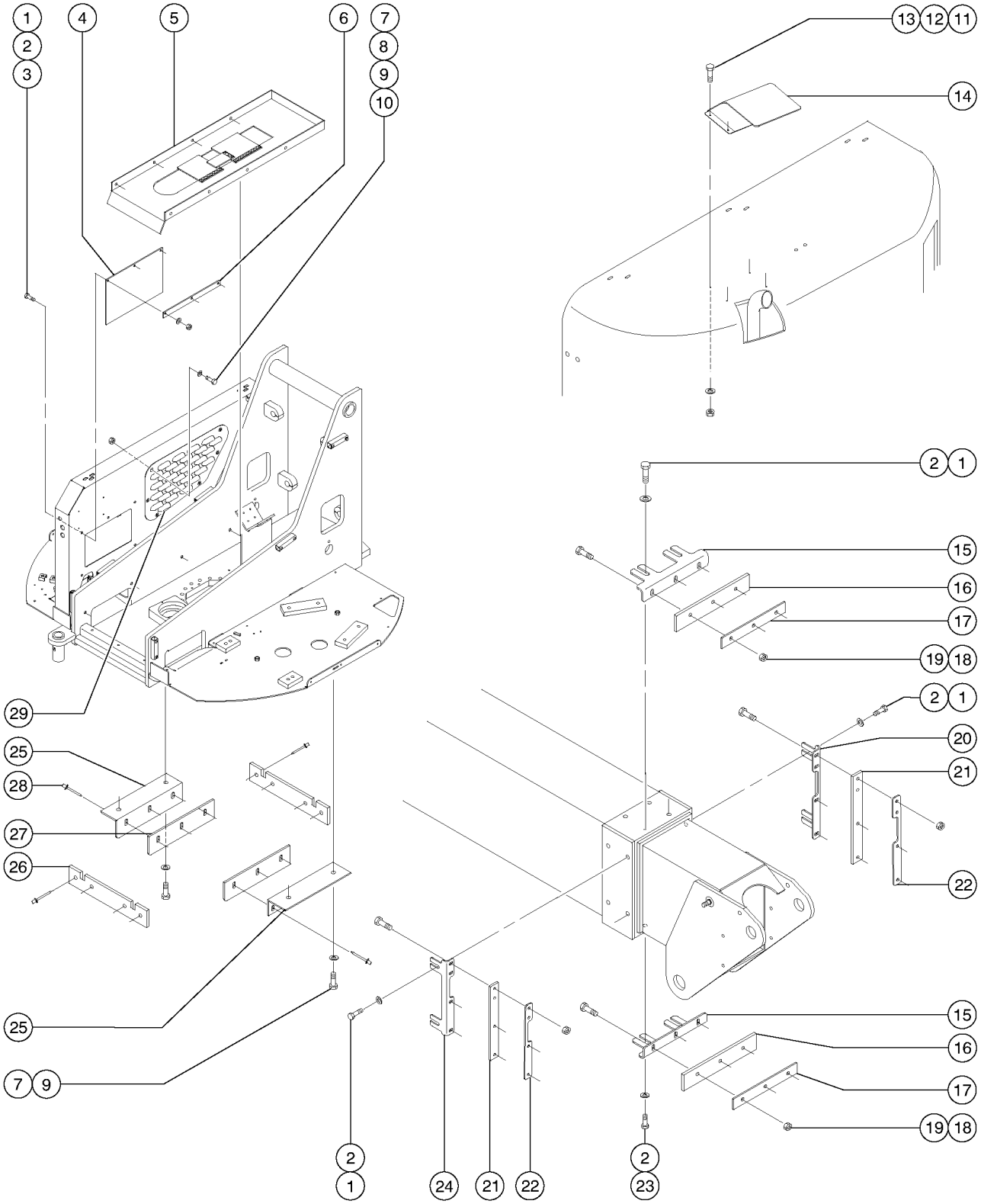
818.1 Hostile Environment Package - View 2



818.1 Hostile Environment Package - View 2

Item	Part No.	Description	Qty.
	34965GT	Z60 STD.HOSTILE ENVIRONMNT PKG	
	34964-SGT	Z60 DLX, HOSTILE ENVIRONMENT	
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	34902GT	RUBBER FLAP	1
5	34850GT	COVER,PROTECTIVE,SWING CHASSIS	1
6	34901PGT	PLATE,BLUE	1
7	6090GT	SCREW, HHC, 1/4-20 X .75	
8	6356GT	WASHER, LOCK, .25	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	6145GT	SCREW, HHC, 1/4-20 X 1.5	
12	6638GT	WASHER, FLAT, USS, 1/4"Y	
13	6091GT	NUT,NYLOCK,1/4-20	
14	34359-SGT	EXHAUST HOOD WELDMENT	1
15	63145PGT	WIPER BRACKET, PAINTED	2
16	63146GT	WIPER	2
17	63163PGT	BACKING PLATE, PAINTED	2
18	6889GT	NUT,LP NYLOCK,1/4-20	
19	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
20	63183PGT	WIPER BRACKET, PAINTED	1
21	63165GT	WIPER	2
22	63166PGT	BACKING PLATE, PAINTED	2
23	8516GT	SCREW, HCC, 3/8-16 X 1.50	
24	63140PGT	WIPER BRACKET, PAINTED	1
25	35452PGT	ANGLE,RING GEAR BLUE	2
26	35450GT	RUBBER GUARD,RING GEAR	2

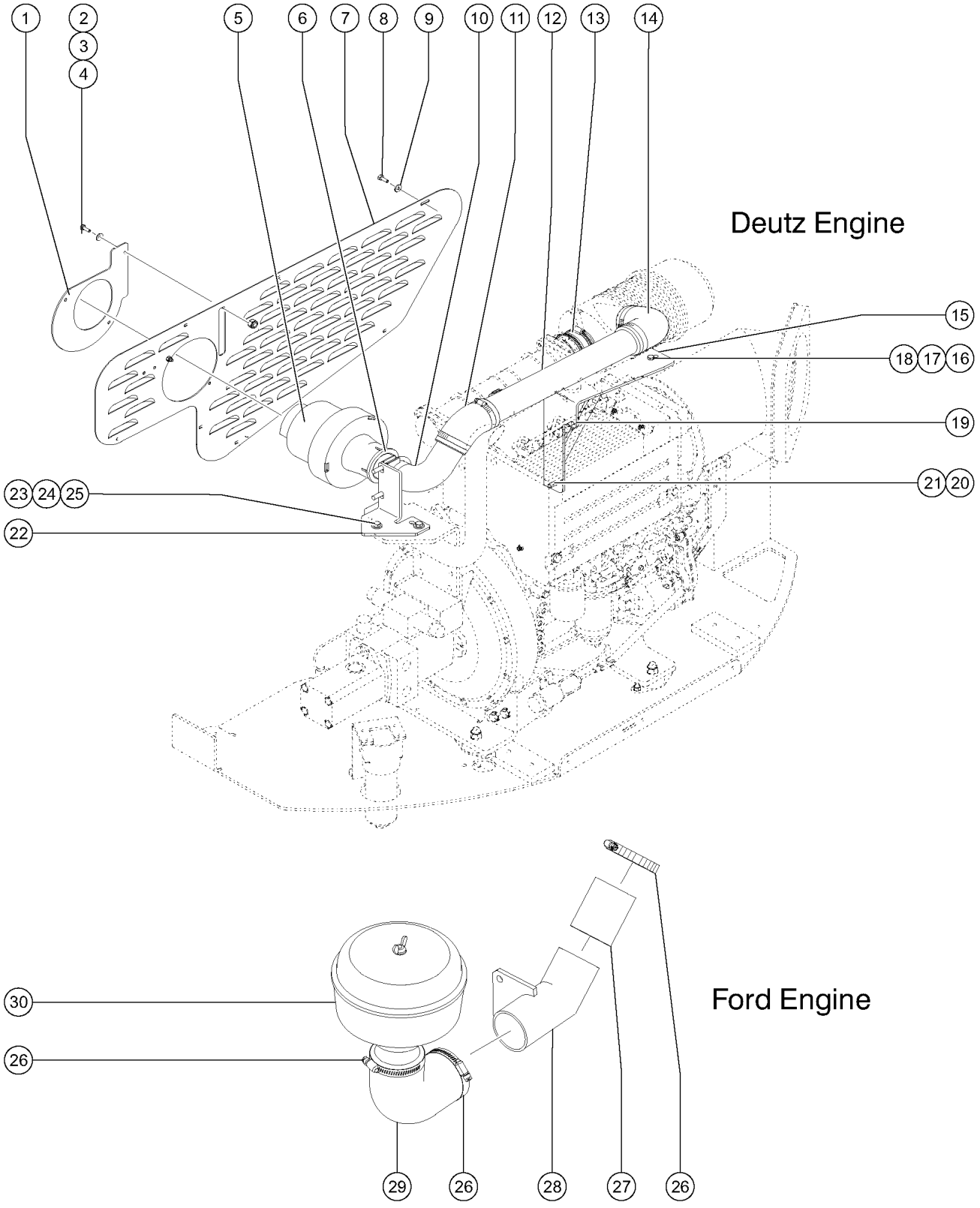
818.1 Hostile Environment Package - View 2



818.1 Hostile Environment Package - View 2

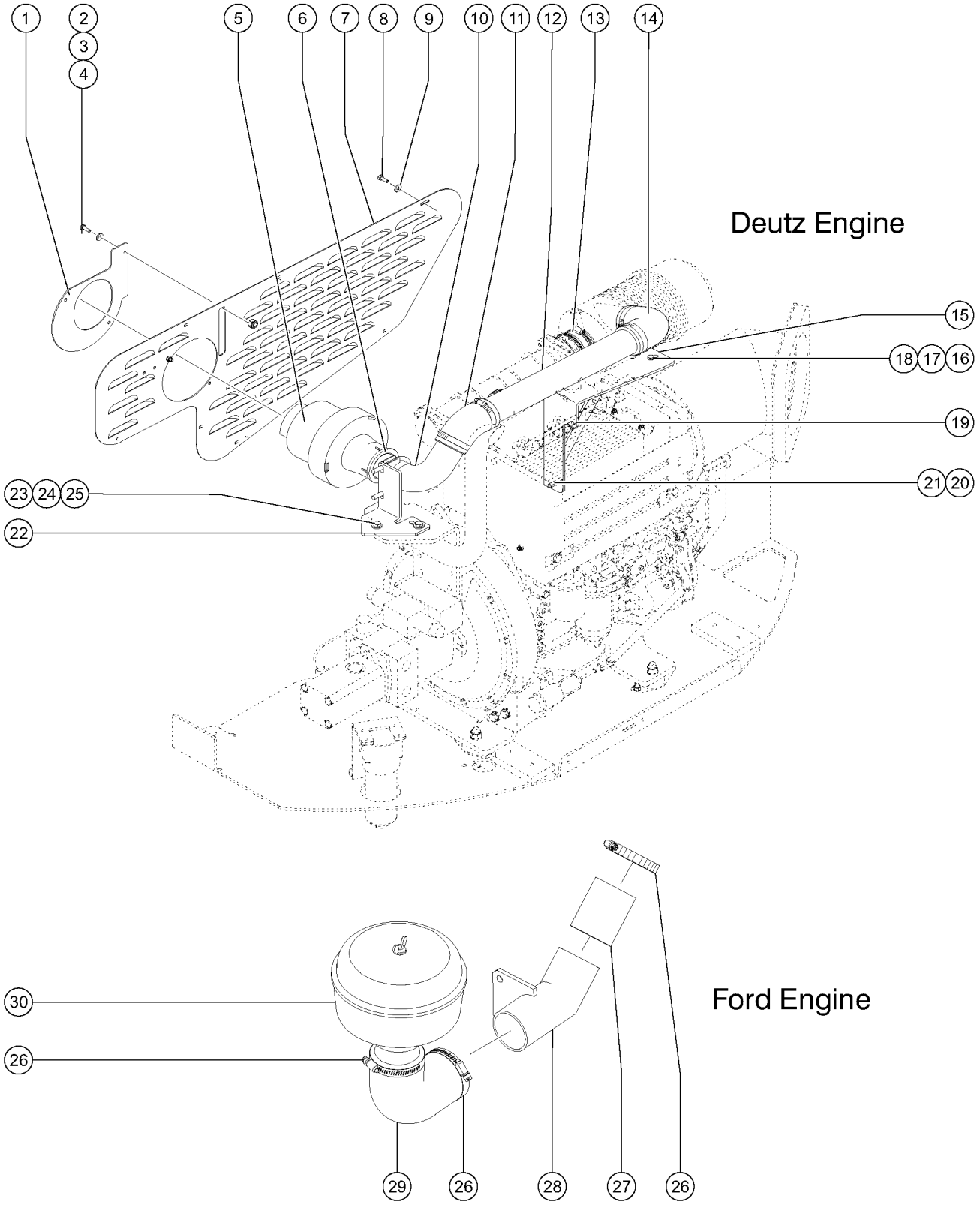
Item	*Part No.*	*Description*	*Qty.*
27	35451GT	RUBBER GUARD,RING GEAR	2
28	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	14
29	89707PGT	PANEL,LOUVER,TANK SIDE, Z60	1
29-	102464PGT	PANEL,LOUVER,ENGINE SIDE,PTD	
29-	102464PGT	PANEL,LOUVER,ENGINE SIDE,PTD Deutz and Perkins models	

819.1 Hostile Environment - Engine Air Pre-cleaners



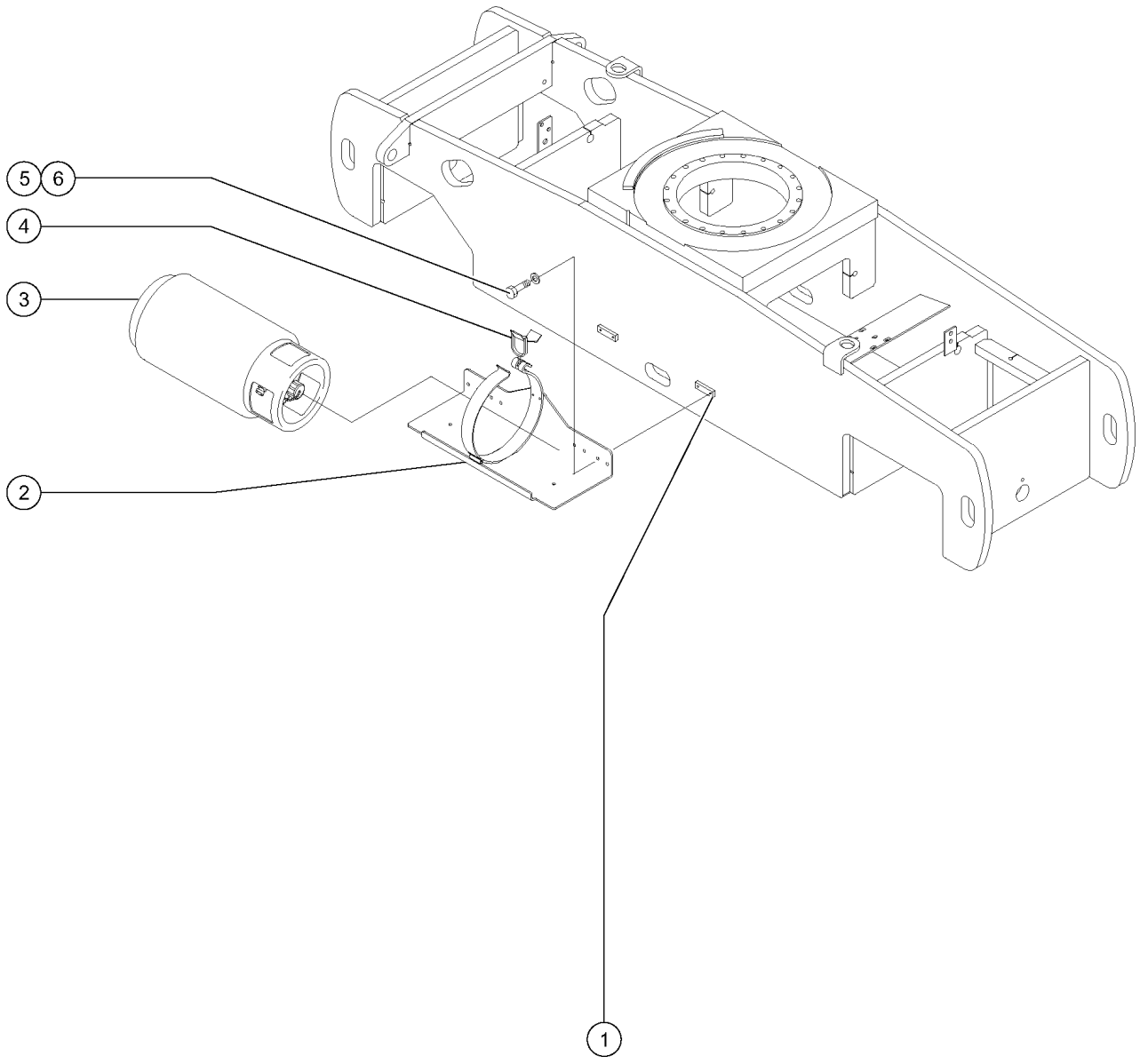
Item	Part No.	Description	Qty.
	34962GT	Z60 HOSTILE ENVIRONMENT DEUTZ Deutz models; to SN 4607	
1	102937PGT	PLATE,LOUVER COVER,PTD	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT,NYLOCK,1/4-20	
5	89959GT	PRECLEANER,INLINE 3"	1
6	101640GT	REDUCER,RUBBER 3.0 - 2.5	1
7	102464PGT	PANEL,LOUVER,ENGINE SIDE,PTD	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	102962GT	ELBOW,90 DEG,STL,2.5 OD	1
10-	45435GT	CLAMP,HOSE,2.50"	
11	33361GT	ELBOW,45 DEGR,RUBBER,2.5"I.D.	1
12	94324GT	TUBE,RD,STL,ALUMIZD,2.5 X .065	19 inches
13	30967GT	HOSE,AIR INTAKE 2.75" I.D.***	1
13	53945GT	CLAMP,HOSE 2 5/16-3 1/4	
14	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	1
14	45435GT	CLAMP,HOSE,2.50"	
15	102929PGT	FORMING,AIR FILTER MOUNT,PTD	1
16	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
17	5397GT	WASHER, FLAT, USS, 5/16-18	
18	6782GT	NUT, NYLOCK, 5/16-18	
19	23057GT	SCREW,HHC,M8 X 20MM	
20	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
21	22700GT	WASHER,LOCK,M10	
22	102930PGT	FORMING,PRECLEANER MOUNT,PTD	1
22-	71911GT	CLAMP,MUFFLER, 2.50 INCH	

819.1 Hostile Environment - Engine Air Pre-cleaners



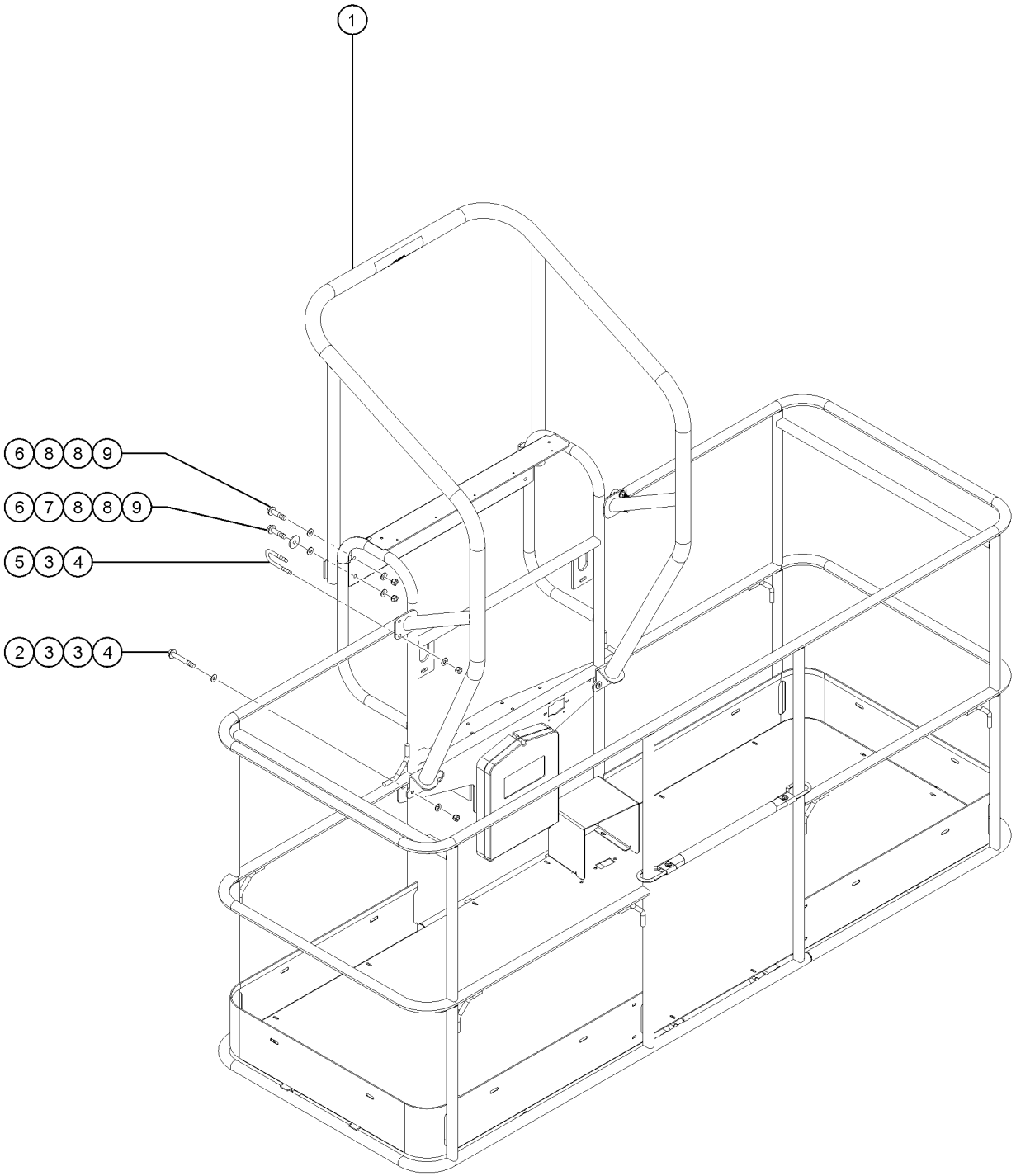
Item	Part No.	Description	Qty.
23	8516GT	SCREW, HCC, 3/8-16 X 1.50	
24	6097GT	WASHER, FLAT, USS, 3/8", Y	
25	4828GT	NUT, NYLOCK, 3/8-16	
26	30971GT	CLAMP,HOSE,3.00"	3
27	35067GT	TUBE,RD,ALUM 2.5 X .083	3 inches
28	34894GT	WELDMENT,AIR CLEANER	
29	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	1
30	34959GT	PRECLEANER,AIR INTAKE***	1

820.1 Spare LPG Tank Carrier Option



Item	Part No.	Description	Qty.
	89469GT	OPTION,LP TANK 2ND,Z60	
1	60752GT	TAP BLOCK,BULKHEAD MNT. MACH.	2
2	60143-SGT	WELD, LPG TANK MOUNT	1
3	53605GT	TANK, 7 GAL/33.5 POUND, LP	1
4	49000GT	L.P.TANK LATCH	1
5	8255GT	SCREW,HHC,3/8-16 X .75	
6	6021GT	WASHER, LOCK, .375	

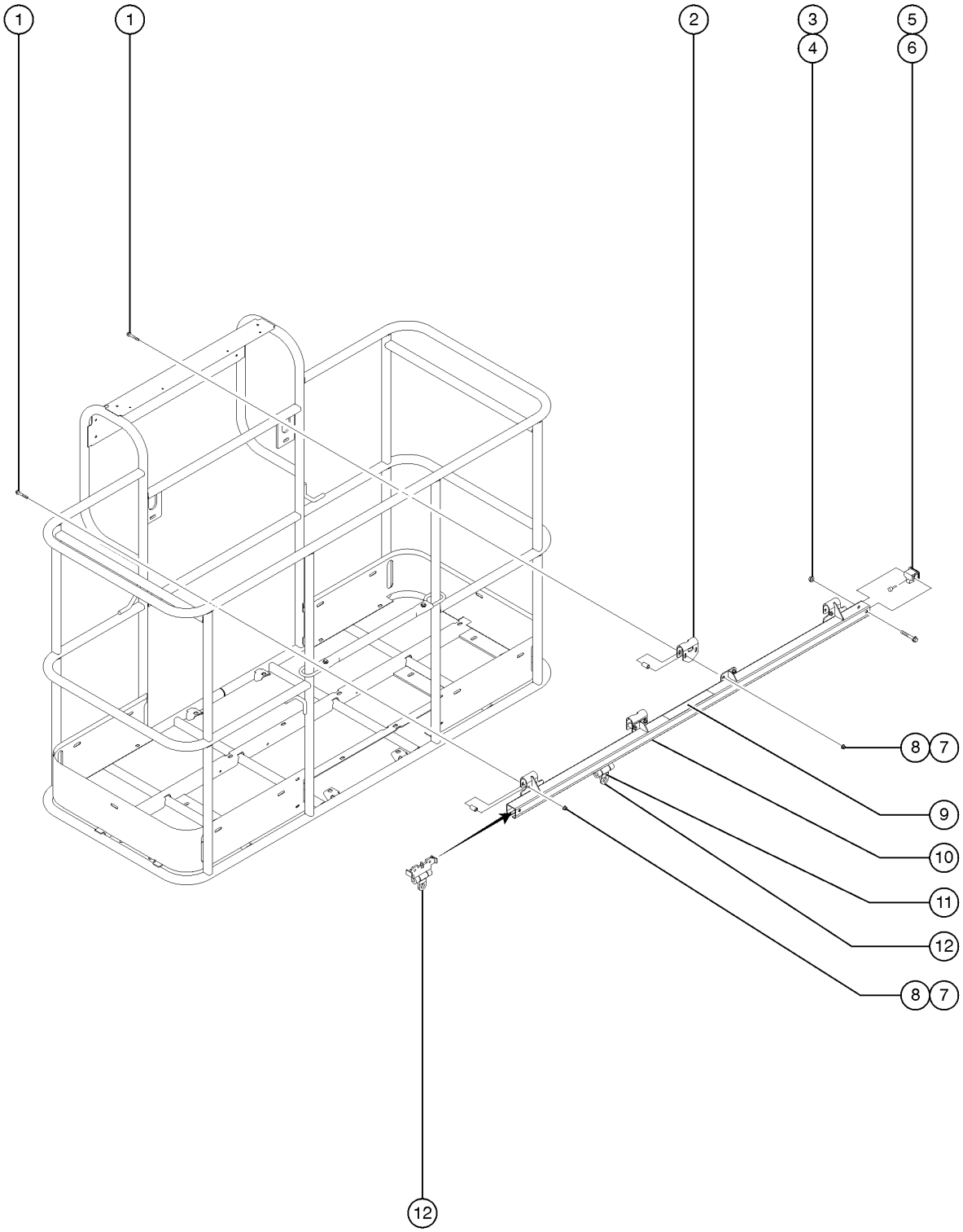
821.1 Operator Protection Structure (from SN 4260)



821.1 Operator Protection Structure (from SN 4260)

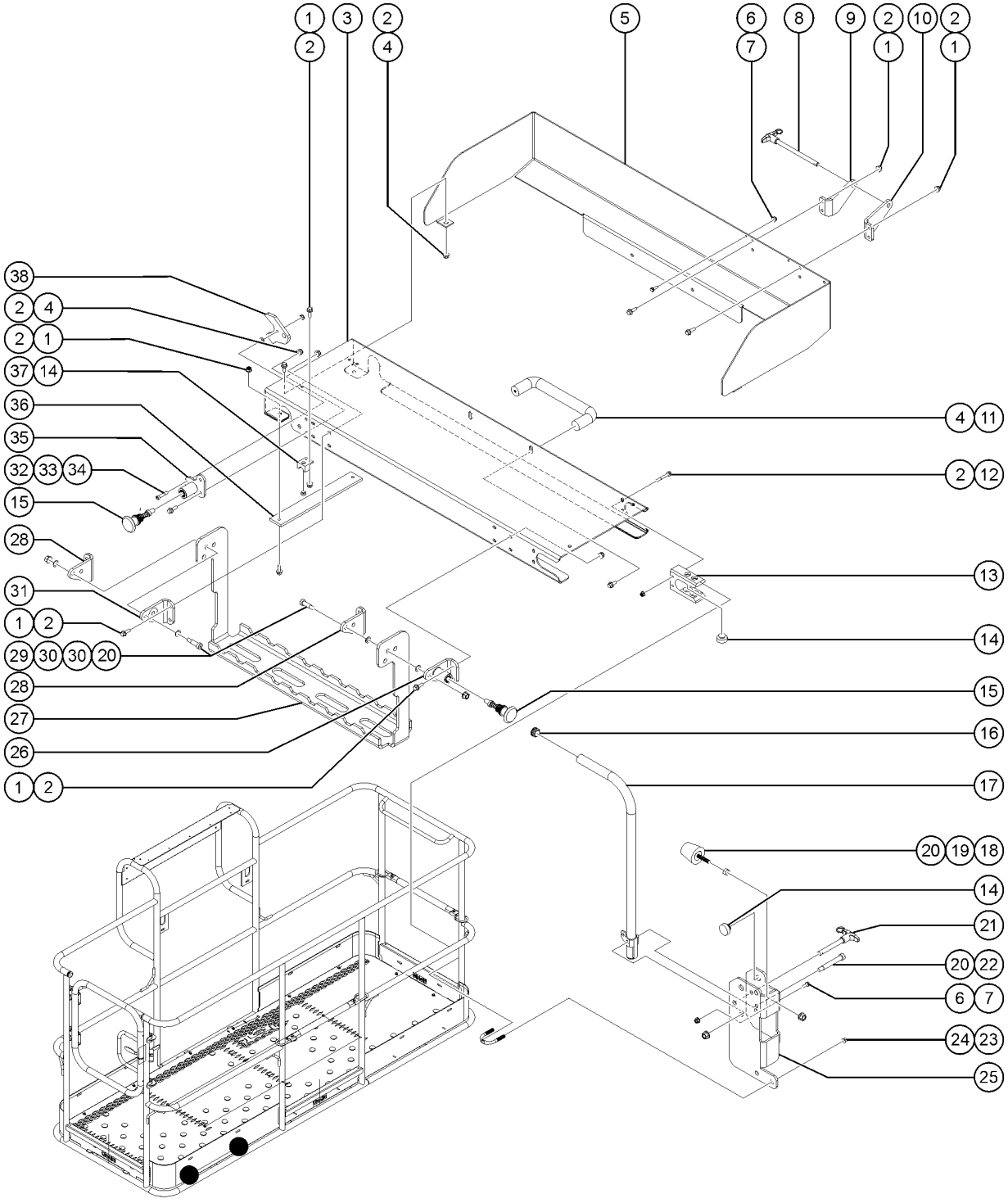
Item	*Part No.*	*Description*	*Qty.*
1	219158GT	ACCESSORY,OPERATOR PROT STRUCT (Complete) includes all fasteners	1
2	8178GT	SCREW, HHC, 3/8-16 X 2.5	4
3	6097GT	WASHER, FLAT, USS, 3/8", Y	12
4	4828GT	NUT, NYLOCK, 3/8-16	8
5	122755GT	UBOLT,FLATTENED,1.5DIAX3/8 UNC	2
6	6888GT	SCREW, HHC, 1/4-20 X 1	4
7	15086GT	WASHER,FLAT,.375 X 1.5 X .125 Use only with the platform control box cover option	2
8	6638GT	WASHER, FLAT, USS, 1/4"Y	8
9	6091GT	NUT,NYLOCK,1/4-20	4

822.1 Fall Arrest Bar



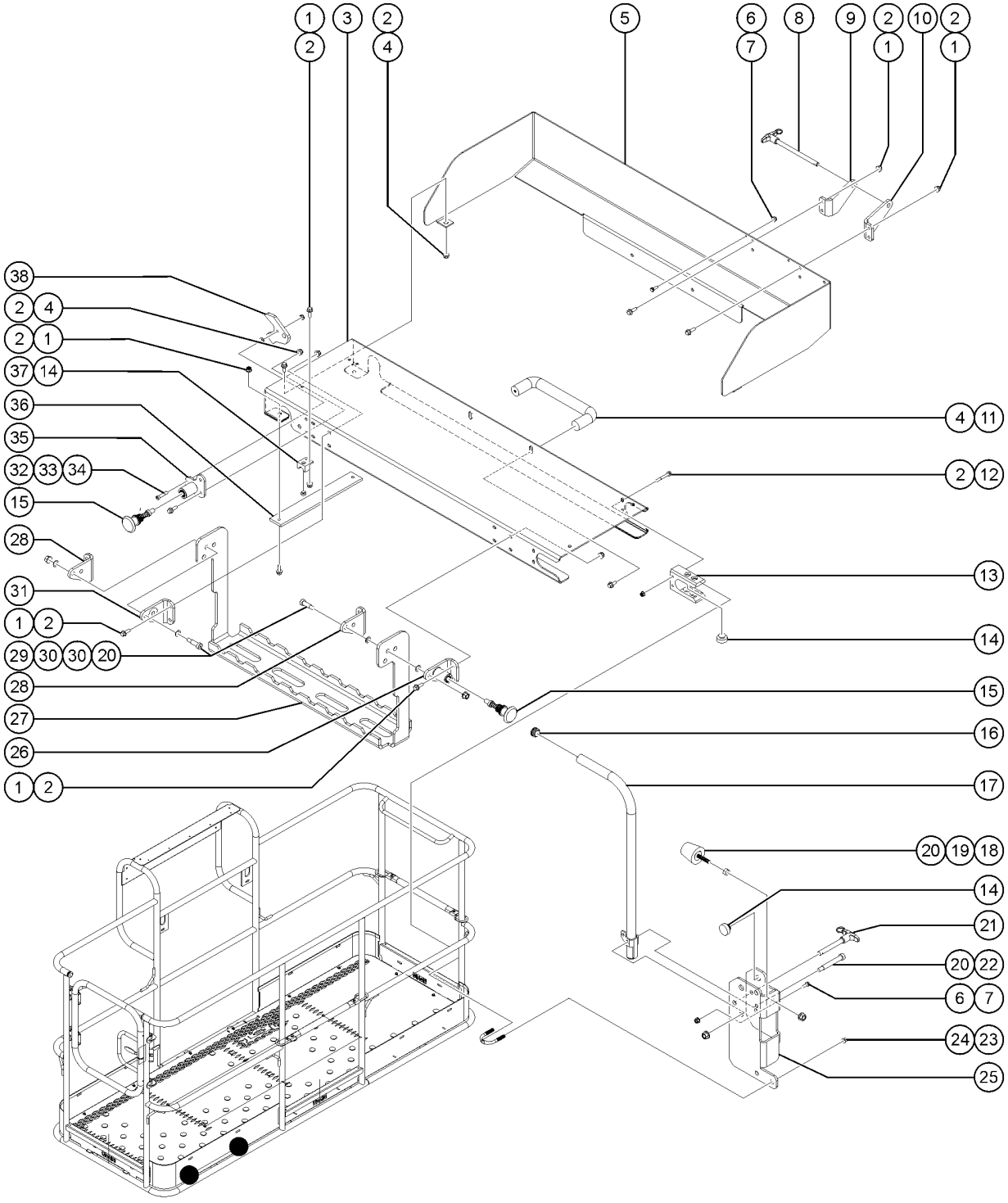
Item	Part No.	Description	Qty.
1	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG	4
2	1256389GT	FORMING,INNER HANGER	2
3	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
4	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	2
5	1260892GT	END STOP. TFAAS TRACK	2
6	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	2
7	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
8	1256481GT	SPACER, HANGER BRACKET	8
9A	1256400GT	DECAL,TFAAS TRACK,WORD	1
9B	1260910GT	DECAL,TFAAS TRACK,SYMBOL	1
9C	1256400FRGT	DECAL,TFAAS TRACK,WORD FR	1
10A	1256377GT	ACC,TFAAS FALL ARREST,8FT WORD includes instructions and decals	1
10A-	1256379GT	ASSY,TFAAS TRACK,8FT WORD includes decals	
10B	1261022GT	ACC,TFAAS FALL ARREST,8FT SYM includes instructions and decals	1
10B-	1261024GT	ASSY,TFAAS TRACK,8FT SYM includes decals	
10C	1261018GT	ACC,TFAAS FALL ARREST,8FT FR includes instructions and decals	1
10C-	1261020GT	ASSY,TFAAS TRACK,8FT FR includes decals	
10D	1256378GT	ACC,TFAAS FALL ARREST,6FT WORD includes instructions and decals	1
10D-	1256380GT	ASSY,TFAAS TRACK,6FT WORD includes decals	
10E	1261023GT	ACC,TFAAS FALL ARREST,6FT SYM includes instructions and decals	1
10E-	1261025GT	ASSY,TFAAS TRACK,6FT SYM includes decals	
10F	1261019GT	ACC,TFAAS FALL ARREST,6FT FR includes instructions and decals	1
10F-	1261021GT	ASSY,TFAAS TRACK,6FT FR includes decals	
11	40434GT	DECAL,LANYARD ANCHORAGE POINT	1
12	1256439GT	TROLLEY, TFAAS TRACK	1

823.1 Lift Tools Access Deck - 8 Feet



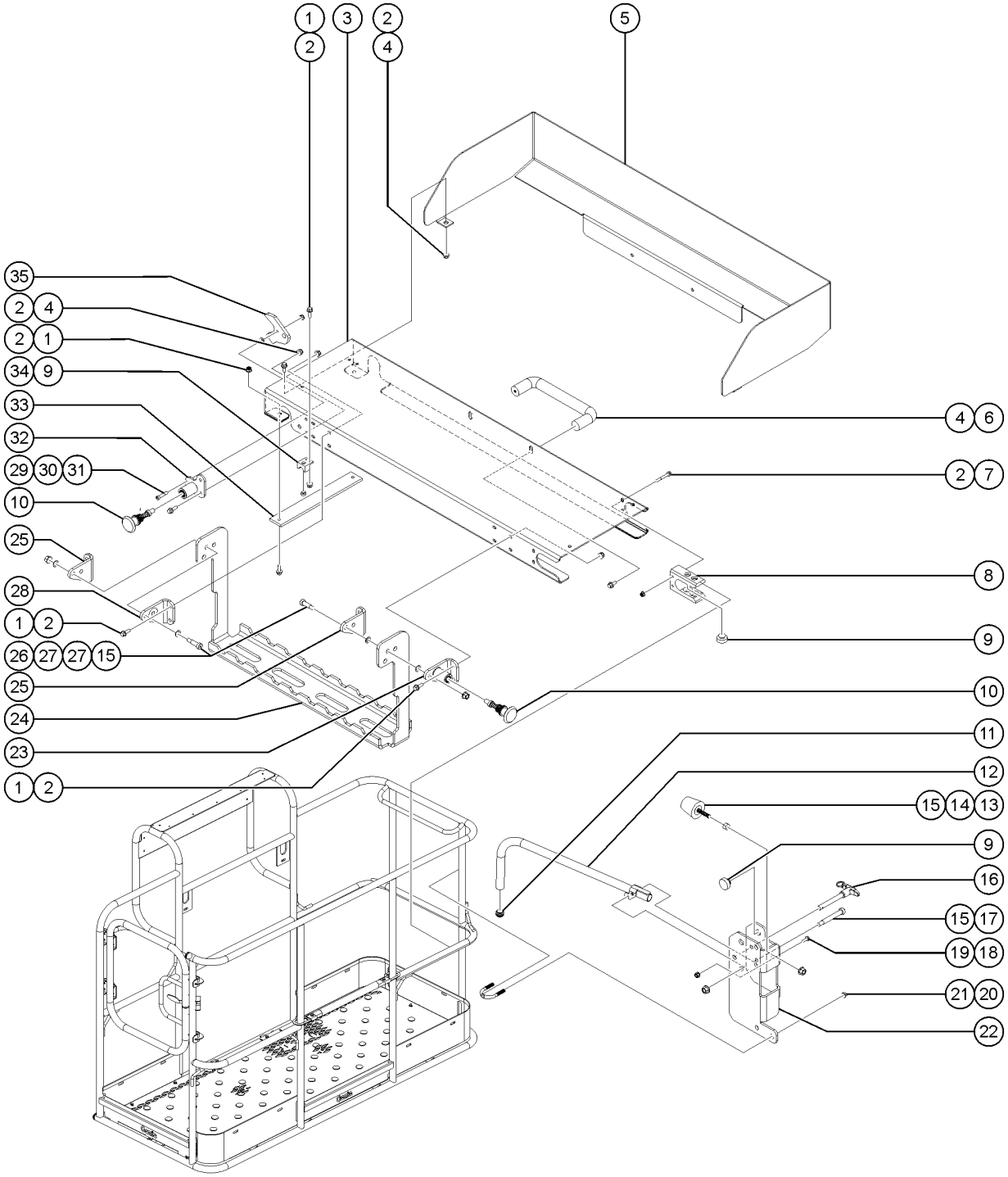
Item	Part No.	Description	Qty.
-	1291798GT	KIT, LIFT TOOLS ACCESS DECK, 8FT PLATFORM, ANSI	
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	20
2	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	28
3	1291799GT	FORMING, ACCESS DECK	1
4	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	6
5	1291800GT	FORMING, ACCESS DECK TOEBOARD, 8FT PLATFORM	1
6	1283004GT	NUT,NYLOCK FLG,10-24,A,ZAG	2
7	1270665GT	SCREW,HHF,10-24X.625,5,ZAG	2
8	1292956GT	PIN, QUICK RELEASE 3/8X5	1
8-	1292932GT	LANYARD, STEEL, 8",NYLON SLEEVE,#10	
9	1292937GT	FORMING, ACCESS DECK LEFT LOCK No longer available,(Replaced by 1292937P)	1
9B	1292937PGT	FORMING,ACCESS DECK LEFT LOCK,PTD	1
10	1292936GT	FORMING, ACCESS DECK RIGHT LOCK	1
11	1291802GT	FORMED, PULL HANDLE	1
12	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	4
13	1291812GT	WEAR PAD, HORIZANTAL MIDRAIL SLOT	2
14	43392GT	BUMPER,BATTERY BOX & RAILS	8
15	1291811GT	POP PIN, YELLOW	2
16	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
17	1291815GT	WELDMENT, FOLDING HANDLE	1
18	111580GT	BUMPER,RUBBER,1.19DX1.5X.31-18	1
19	1261250GT	NUT,5/16-18,8,ZAG	1
20	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	4
21	1291865GT	PIN, QUICK RELEASE 3/8X2-1/2	1
21-	1292932GT	LANYARD, STEEL, 8",NYLON SLEEVE,#10	
22	1291817GT	BOLT,SHS,3/8X2.25X5/16-18,ZAG	1
23	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4
24	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2

823.1 Lift Tools Access Deck - 8 Feet



Item	Part No.	Description	Qty.
25	1293706GT	FORMING, ACCESS DECK HANDLE	1
26	1291844GT	WELDMENT, ACCESS DECK STEP LOCK	1
27	1291801GT	FORMING, ACCESS DECK STEP, 8FT PLATFORM	1
28	1291804GT	FORMING, ACCESS DECK LEFT EYE, 8FT PLATFORM	2
29	1291819GT	BOLT,SHS,3/8X7/8X5/16-18,ZAG	2
30	1292828GT	WASHER,FLAT,.39,.625,.036,ZAG	4
31	1291803GT	FORMING, ACCESS DECK RIGHT EYE, 8FT PLATFORM	1
32	1291818GT	BOLT,SHS,1/4X.75X1/4-20,ZAG	1
33	1291821GT	WASHER, FLAT, 1/4X1/16X1/2, AL	1
34	1283026GT	NUT,LP NYLOCK,1/4-20,2,ZAG	1
35	1291809GT	WELDMENT, LIFT TOOLS MIDRAIL LOCK	1
36	1291807GT	PLATE, STIFFENER BAR	2
37	1291813GT	WEAR PAD, VERTICAL MIDRAIL SLOT	2
38	1291806GT	PLATE, MIDRAIL HOOK	1

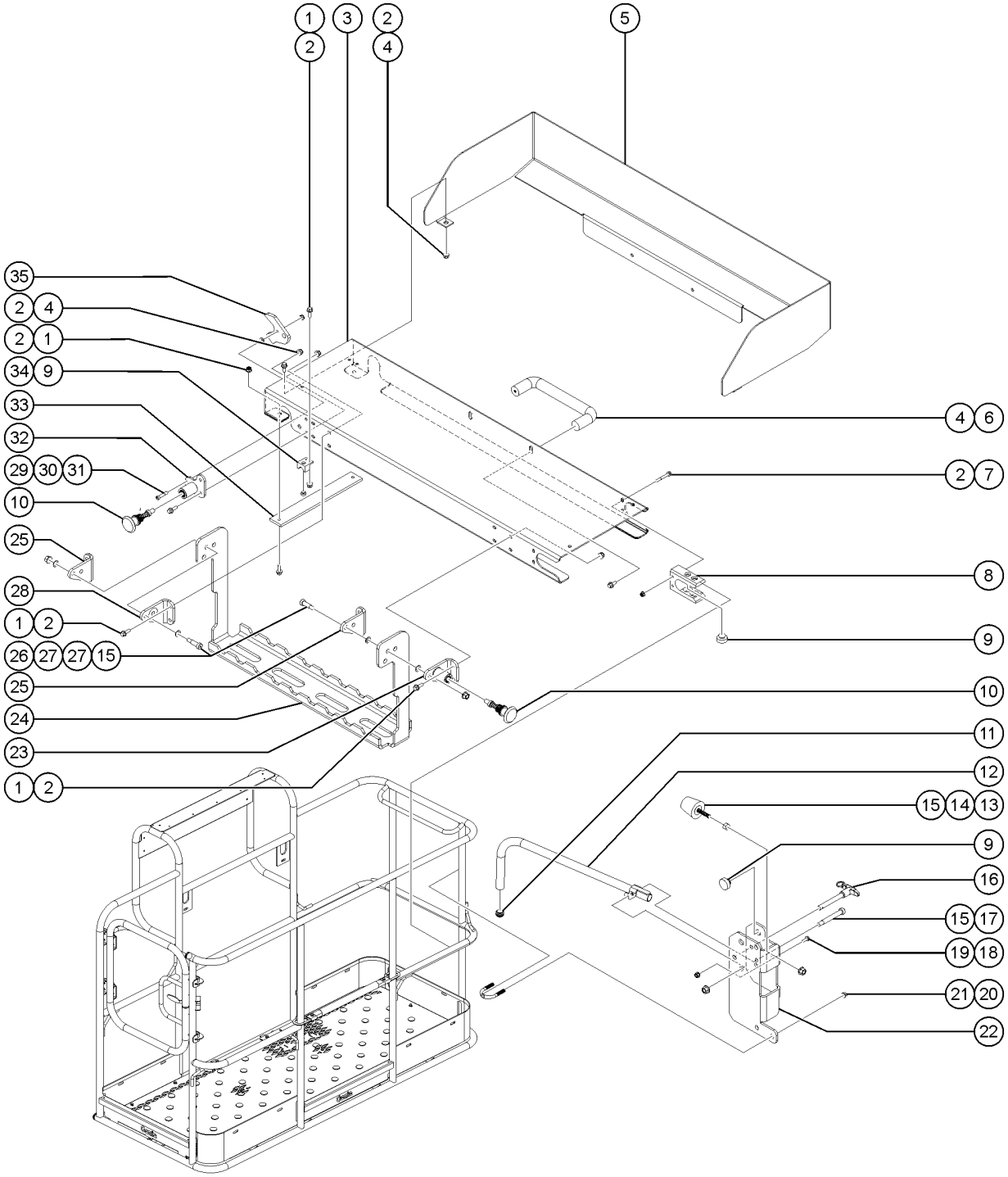
824.1 Lift Tools Access Deck - 6 Feet



824.1 Lift Tools Access Deck - 6 Feet

Item	Part No.	Description	Qty.
-	1293700GT	KIT, LIFT TOOLS ACCESS DECK, 6FT PLATFORM, ANSI (6 feet)	1
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	16
2	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	24
3	1293710GT	FORMING, ACCESS DECK	1
4	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	6
5	1293702GT	FORMING, ACCESS DECK TOEBOARD, 6FT PLATFORM	1
6	1291802GT	FORMED, PULL HANDLE	1
7	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	4
8	1291812GT	WEAR PAD, HORIZANTAL MIDRAIL SLOT	2
9	43392GT	BUMPER,BATTERY BOX & RAILS	8
10	1291811GT	POP PIN, YELLOW	2
11	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
12	1291815GT	WELDMENT, FOLDING HANDLE	1
13	111580GT	BUMPER,RUBBER,1.19DX1.5X.31-18	1
14	1261250GT	NUT,5/16-18,8,ZAG	1
15	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	4
16	1291865GT	PIN, QUICK RELEASE 3/8X2-1/2	1
16-	1292932GT	LANYARD, STEEL, 8",NYLON SLEEVE,#10	
17	1291817GT	BOLT,SHS,3/8X2.25X5/16-18,ZAG	1
18	1270665GT	SCREW,HHF,10-24X.625,5,ZAG	1
19	1283004GT	NUT,NYLOCK FLG,10-24,A,ZAG	1
20	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4
21	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
22	1293706GT	FORMING, ACCESS DECK HANDLE	1
23	1291844GT	WELDMENT, ACCESS DECK STEP LOCK	1
24	1293703GT	FORMING, ACCESS DECK STEP, 6FT PLATFORM	1
25	1291804GT	FORMING, ACCESS DECK LEFT EYE, 8FT PLATFORM	2
26	1291819GT	BOLT,SHS,3/8X7/8X5/16-18,ZAG	2

824.1 Lift Tools Access Deck - 6 Feet



Item	Part No.	Description	Qty.
27	1292828GT	WASHER,FLAT,.39,.625,.036,ZAG	4
28	1291803GT	FORMING, ACCESS DECK RIGHT EYE, 8FT PLATFORM	1
29	1291818GT	BOLT,SHS,1/4X.75X1/4-20,ZAG	1
30	1291821GT	WASHER, FLAT, 1/4X1/16X1/2, AL	1
31	1283026GT	NUT,LP NYLOCK,1/4-20,2,ZAG	1
32	1291809GT	WELDMENT, LIFT TOOLS MIDRAIL LOCK	1
33	1293704GT	PLATE, STIFFENER BAR	2
34	1291813GT	WEAR PAD, VERTICAL MIDRAIL SLOT	2
35	1291806GT	PLATE, MIDRAIL HOOK	1

Part no.	Page Number
1487GT	283
1488GT	283
1505GT	279
1702GT	133
4266GT	33, 241, 281, 299
4828GT	43, 47, 55, 73, 81, 85...
5387GT	151, 155
5397GT	43, 47, 53, 55, 73, 79...
6002GT	73, 87
6019GT	41, 73, 87, 117, 121, 139...
6021GT	23, 25, 29, 33, 41, 51...
6024GT	21, 53, 155, 163
6033GT	21, 25, 29, 33, 97, 117...
6036GT	95, 129, 147, 283
6037GT	95
6086GT	21, 25, 29, 129
6090GT	37, 39, 41, 43, 53, 61...
6091GT	33, 73, 79, 87, 91, 101...
6095GT	81, 129, 143, 169
6096GT	129, 159
6097GT	45, 47, 51, 89, 95, 99...
6145GT	73, 139, 173, 283, 323
6146GT	55, 81, 133, 137, 277, 279...
6147GT	279
6175GT	21, 25, 29, 45, 51, 81...
6178GT	57, 71, 103, 109, 137, 153...
6198GT	29, 51, 81, 85, 143, 159...
6326GT	151
6356GT	37, 39, 41, 51, 55, 61...
6550GT	179, 293, 313
6584GT	241
6595GT	51
6607GT	183
6638GT	37, 39, 41, 43, 51, 61...
6653GT	89
6782GT	79, 131, 137, 315, 327
6833GT	101, 131, 137, 287
6878GT	323
6886GT	53, 95, 101, 311
6888GT	51, 73, 79, 87, 91, 101...
6889GT	43, 53, 169, 285, 309, 323
6935GT	51, 69, 187
7056GT	51, 69, 179, 187
7265GT	281
7339GT	55, 159
7713GT	45, 53, 99, 117, 123, 151...
8170GT	83, 93, 127, 147
8177GT	21, 25, 29, 37, 97, 117...
8178GT	45, 47, 333
8179GT	165
8220GT	21, 25, 29
8255GT	135, 165, 169, 331
8516GT	127, 143, 159, 173, 323, 329
8910GT	51
8914GT	153, 169, 187, 193, 197
8915GT	87, 105, 111, 183
9145GT	33
9596GT	283
9599-SGT	281
10107GT	131, 137, 311
10597GT	33, 151, 155, 159
10775GT	179
12234GT	33
12344GT	187
12443GT	183
12906GT	73, 159
12981GT	151
13002GT	39, 75, 87, 327
13003GT	91, 129, 155, 163
13014GT	81, 133, 145
13064GT	53, 55, 95, 129, 147, 155...
13066GT	33
13082GT	51
13585GT	179
13775GT	77
13918GT	55, 155, 169, 173
14033GT	139
14815GT	21, 25, 29
15086GT	145, 333
15243GT	69
16584GT	95
17712GT	163
18189GT	127
18503GT	129
18666GT	175, 293, 315
18722GT	153, 155
18963GT	277, 279
19274GT	287
19358GT	133
19363GT	133
19440GT	21, 25, 29, 167
19470GT	223
19487GT	43, 47
19491GT	57, 153, 167, 169
19506GT	61, 65
19859GT	117, 123
19969GT	297
20224GT	205, 207, 223, 229, 233. 273...
20776GT	69
20973GT	183
20980GT	241
21019GT	81, 133
21121GT	63, 183
21130GT	87, 101, 241
21141GT	43, 47
21175GT	57
21187GT	309
21465GT	43, 47, 79
21496GT	87, 101, 241
21604GT	175, 287
21982GT	61
22541GT	55, 153, 167, 169
22571GT	85
22578GT	101
22672GT	105, 111, 127, 143
22700GT	95, 101, 139, 143, 327
22811GT	57
23057GT	87, 91, 101, 103, 109, 137...
23404GT	71, 187
23405GT	277
24038GT	89, 127, 145
24514GT	185
25388GT	51
25548GT	139
25571P-SGT	117, 121
25685GT	287

Part no.	Page Number
25855PGT	53
25929GT	111, 143
25930GT	105
25967GT	45
25994GT	11
27010GT	117
27034GT	129, 327
27067GT	35, 37
27082GT	295
27089GT	43, 45, 47
27142GT	115, 121
27155GT	295
27204GT	11, 17
27205GT	11, 17
27206GT	11, 17
27207GT	11, 17
27211-0250GT	103, 109
27246GT	61, 65, 193, 197
27258GT	169
27287GT	63, 191
27326GT	173
27329PGT	95
27368P-SGT	277
27377GT	73
27412GT	131
27497GT	173
27535GT	297
27564GT	11
27695GT	153
27698GT	21, 25, 29, 33
27761GT	207
27802GT	219, 221, 227, 229
27804GT	223, 231
27807GT	213, 215, 231, 233
27836GT	205, 207, 219, 229
27920GT	145
27943GT	127
28076GT	91, 129
28131GT	189
28158GT	11, 17
28159GT	11, 17
28160GT	11, 17
28161GT	11
28164GT	11
28165GT	11
28171GT	11, 17
28174GT	11, 17
28175GT	11
28176GT	11
28177GT	11
28178GT	11
28181GT	11
28234P-SGT	129
28235GT	11, 17
28236GT	11
28443GT	185, 313
28607GT	305
28646GT	75
28647GT	103, 109
28656GT	105, 111, 143
28717GT	115, 121, 127, 143
28750GT	205, 207, 211, 213, 215, 217...
28853GT	295
29073GT	101
29080GT	165
29083GT	175
29137GT	47
29314GT	73
29550GT	91
29555GT	91
29557GT	99
29558GT	95
29559GT	95
29560GT	99
29605GT	77
29606GT	115, 121, 145
29616GT	115, 121, 145
29746GT	21, 25, 29, 33
29749GT	87
29764GT	179
29868GT	53, 75
29883GT	53, 95, 129, 147, 155
30021GT	165
30050-SGT	151, 155
30052PGT	157, 159
30080GT	11
30116GT	165
30137GT	165
30139GT	165
30144GT	83, 91, 127, 135, 147
30186GT	165
30188GT	173
30189GT	173
30191GT	159
30192GT	159
30193GT	155
30194GT	159, 173
30195GT	159
30196GT	159
30198GT	151, 155
30199GT	153
30201GT	151
30202GT	151, 155
30219GT	173
30220GT	173
30222GT	151, 155
30230P-SGT	101, 117, 147
30255GT	165, 175
30256-SGT	45
30271GT	95, 147
30272GT	165
30275GT	45
30297GT	57
30315GT	171
30328GT	155
30333PGT	163
30370GT	173
30377GT	169
30387GT	169
30388GT	169
30389GT	169
30391GT	73
30411-SGT	175
30430GT	75
30434GT	165
30438GT	95

Part no.	Page Number
30468GT	285
30472GT	165
30490GT	47
30493GT	95
30505GT	293
30740PGT	61
30769P-SGT	99
30784-975GT	83, 91, 127, 147
30785-275GT	241
30785-1500GT	101
30806GT	97
30810GT	305
30884GT	241
30966-0150GT	109
30966-0575GT	103, 109
30967GT	99, 327
30971GT	103, 321, 329
30997GT	67, 189
31059GT	11
31060GT	13
31082GT	167
31086GT	165, 173
31095GT	173
31106GT	151, 159, 175
31306GT	151, 155
31307GT	157
31309GT	155
31310GT	151, 159
31408GT	295
31506GT	43, 47
31507GT	45, 47
31524GT	43, 47
31527GT	223, 231
31528GT	223
31529GT	219
31658GT	43, 47
32064GT	133
32309GT	91, 105, 111
32339GT	129
32347GT	277
32681GT	241
32698GT	91
32722GT	21, 25, 151, 159
32726GT	13
32732GT	299
32735GT	299
32748GT	93
32749GT	93
32975GT	219
33024GT	97, 117, 121
33240PGT	101
33241PGT	101
33265GT	77
33277GT	91, 145
33361GT	131, 327
33418GT	91, 129
33422GT	71
33555GT	73
33568GT	297
33576GT	183
33607GT	71, 309
33608GT	71, 309
33629GT	179
33674GT	283
33724GT	179
33729GT	97
33784GT	71
33952GT	13
33957GT	105, 111, 143
33960GT	105, 111, 137
33963GT	105, 111, 145
33964GT	105, 111, 145
33965GT	127, 133
33966GT	107, 113, 143
33968GT	105, 111
33969GT	127
33970GT	107, 113, 143
33972GT	107, 111, 145, 305
33986GT	13
33994GT	205, 207, 211, 213, 215, 217...
34052GT	71, 297
34053GT	71
34054GT	71
34055GT	71
34056GT	71
34058GT	305
34162-1900GT	99
34164GT	99, 327, 329
34216GT	37
34265GT	91
34359-SGT	323
34619GT	75, 115, 121, 287
34641GT	23, 25
34850GT	323
34894GT	329
34901PGT	323
34902GT	323
34904GT	321
34922GT	321
34923GT	321
34924GT	321
34925GT	321
34926GT	321
34927P-SGT	129
34929-SGT	127
34942P-SGT	129
34942PGT	129
34943P-SGT	129
34955GT	321
34959GT	329
34962GT	327
34964-SGT	321, 323
34965GT	321, 323
35067GT	99, 329
35434GT	137, 321
35450GT	323
35451GT	325
35452PGT	323
35461GT	313
35586GT	91
35599GT	13
35610GT	295
35817GT	131
35818GT	131
35960GT	279, 283
36208GT	105, 111

Part no.	Page Number
36294GT	309
36388GT	335
36648GT	165
36928GT	297
37002GT	117, 121
37003GT	97, 145
37192GT	51
37505GT	81, 85, 91
37947GT	61, 65
37950GT	91
38620GT	165
38859GT	77
38922GT	131
39479GT	81, 85, 143
39888GT	115
40405GT	151, 159
40434GT	13, 17, 335
42288GT	67
42781GT	67, 189
43018GT	237
43392GT	283, 285, 337, 341
43596GT	205
43599GT	219, 223
43663GT	13
43955GT	179
43956GT	51
43960GT	277
44064GT	95, 101, 143
44174GT	235, 237
44227GT	237
44743GT	183
44950GT	299
44981GT	13, 17, 293
44986GT	13
45066GT	55
45071GT	21, 25
45074GT	21, 25, 29
45161GT	43, 47, 265, 269
45171GT	321
45209GT	81, 163
45303GT	165
45383GT	193, 197, 289
45435GT	79, 99, 109, 131, 327
45455GT	43
45462GT	277, 279
45708GT	135
45912GT	219, 233, 235
45914GT	297
46002PGT	169
46004GT	157
46005GT	151
46014GT	43, 47
46131GT	103, 109
46216GT	237
47363GT	313
47377GT	175
48425GT	127
48462-SGT	277
48470GT	43, 47
48473P-SGT	109
48541GT	55
48875GT	263, 267, 317
48879GT	265, 269
48880GT	205, 207, 223, 229, 233. 273...
48887GT	57
48891GT	249, 253
48892GT	269
48904GT	245, 249, 255, 263, 267. 301
48905GT	245, 245, 251, 255, 263. 267...
48907GT	257, 273
48909GT	243, 245, 251, 255
48912GT	273, 275, 319
48914GT	249, 267
48915GT	243, 245, 251, 255, 263. 267
48916GT	95, 243, 247, 249, 259, 261...
48917GT	263, 267, 273, 275, 319
48918GT	243, 245, 251, 255
48919GT	251
48920GT	243, 245, 251, 255
48922GT	43, 47, 265, 269
48926GT	263, 267
48932GT	247, 259, 261, 265, 269. 301
48933GT	243, 245, 249, 251, 255. 265...
48935GT	265, 269, 301
48937GT	247, 249, 251, 255, 259. 261...
48938GT	301
48939GT	251, 255
48942GT	247, 259, 261
48946GT	243, 245, 251, 255, 265. 301
48947GT	263
48948GT	267, 317
48952GT	265, 269
48959GT	265, 269, 303, 317
48960GT	243, 245, 251, 255, 263. 267...
48963GT	243, 245, 251, 255, 263. 267...
48964GT	301, 317
48977GT	301
48984GT	263, 267, 271
48985GT	265, 269
48986GT	43, 49, 265, 269
48994GT	43, 49, 265, 269
48997GT	205, 207, 223, 229, 233. 265...
48998GT	263, 269, 273, 275, 319
49000GT	331
49109-1529GT	301
49110-6692GT	259
49110-6992GT	247, 259
49114-4346GT	263, 267
49114-4546GT	263, 267
49117-1291GT	265, 269
49117-3591GT	275
49117-3891GT	245
49117-5591GT	273
49117-5919GT	251
49117-6091GT	269
49117-6119GT	251
49117-6191GT	249, 261
49117-9019GT	257
49117-9291GT	275
49118-3208GT	263
49118-4508GT	263
49118-4608GT	243, 253
49118-4708GT	263
49118-5408GT	267
49118-41408GT	273, 275
49119-1478-SGT	273

Part no.	Page Number
49119-3278GT	243, 251
49119-3478GT	269
49119-3578GT	245, 255, 275
49119-3778GT	267
49119-3878GT	245, 255
49119-4178GT	243, 245, 253, 255
49119-4578GT	243, 245, 253, 255
49119-41078GT	273, 275
49119-53778GT	273, 275
49120-3881GT	243, 253
49121-42388GT	273, 275, 319
49126-1933GT	263, 267
49128-2109GT	263, 267
49128-3209GT	247, 249, 259, 261
49128-3409GT	247, 249, 259, 261
49128-22009GT	273, 275
49128-23609GT	273, 275
49129-1725GT	267
49130-2582GT	243, 245, 251, 255
49130-4982GT	245, 253, 255
49130-5582GT	243, 251
49133-1840GT	263
49135-3389-SGT	95
49135-3389GT	265
49135-43389GT	273, 275
49141-6963GT	263, 267
49142-13762GT	317
49143-2929GT	265, 269
49143-5429GT	249, 261
49151-8648GT	265
49151-8948GT	269, 303
49151-9248GT	265, 269
49151-9948GT	303
49156-2656GT	245, 257
49156-2756GT	251
49157-1760GT	243
49159-2618GT	263, 267
49164-1443GT	301
49170-5404GT	265, 269
49170-5704GT	265, 269
49183-2692GT	265, 269
49183-5863GT	251, 255
49189-5438-SGT	57
49190-94800GT	293
49201GT	269
49212GT	293
49214GT	293
49215GT	293
49219GT	185
49375GT	139
49401GT	93
49407GT	137, 139
49408GT	89, 103, 105, 109, 111, 137...
49411GT	81, 85
49413GT	137
49463GT	295
49512GT	265, 269
49513GT	263, 267
49515GT	301
49528GT	55
49534GT	285
49535PGT	73
49612GT	205, 207, 211, 213, 215, 217...
49613GT	205, 207, 211, 213, 215, 217...
49618-SGT	73
49735GT	103, 109, 131
49741GT	15
49816GT	187, 277
49817GT	103, 109, 137, 287
49819GT	277
49820GT	187
49869GT	83, 91, 127, 135, 147
49881GT	107, 113, 143
49898GT	103, 109, 135
49915GT	91
49916GT	95
49917GT	95
49919GT	95
49921GT	95
49922GT	99
49923GT	99
49924GT	99
49927GT	17
49929GT	95
52001GT	297
52077GT	105, 111
52078GT	105, 111, 145
52086-RGT	299
52179GT	43
52229GT	91
52251GT	321
52370GT	235
52371GT	237
52537GT	101
52564GT	115
52566GT	105, 109, 135
52570GT	103, 109, 143
52573GT	105, 111
52575GT	107, 113, 143
52579GT	103, 109
52580GT	105, 111, 145
52592GT	115
52652GT	105, 109
52656GT	103, 109
52661GT	281
52695GT	103, 109
52723GT	207
52726GT	207
52762GT	105, 111, 117, 123
52866GT	79, 99, 119, 125
52897GT	237
52907GT	235, 237
52943GT	213, 217, 219, 225, 229, 235
52965GT	13, 17
52966GT	13, 17
52967GT	13, 17
52968GT	13, 17
53023GT	43, 47
53024GT	117, 123
53081GT	21, 25, 29
53124GT	119, 125
53156GT	295
53189GT	73, 285
53258GT	173
53290-SGT	129
53425-SGT	127

Part no.	Page Number
53452GT	21, 25, 29
53523-SGT	73
53524-SGT	75
53527GT	43, 47
53528-SGT	127
53605GT	331
53707GT	73
53715GT	91
53716PGT	91
53758-SGT	305
53759-SGT	305
53760-SGT	305
53761-SGT	305
53807-SGT	281
53808-SGT	281
53811GT	163
53820GT	63
53821PGT	103, 109, 137
53832GT	117, 123
53903GT	73
53909GT	21, 29
53910GT	115, 121
53945GT	327
53950GT	305
53952GT	79, 99, 115, 121, 131
53967GT	69
53976GT	299
53980GT	247, 249, 259, 261
53985GT	39
53986GT	39
53987GT	39
53988GT	39
53989GT	39
53990GT	39
53991GT	39
53992GT	39
53993GT	39
53994GT	39
54247-SGT	181
54255GT	189
54274GT	181
54283GT	251, 255
54325GT	47
54365GT	71
54457GT	291
54458GT	291
54465GT	291
54486GT	285, 325
54487PGT	81
54534GT	71
54573GT	87
54578GT	81
54579GT	81
54598PGT	133
54627GT	33, 39, 41
54687GT	81, 85
54862GT	107, 111
55030GT	131
55753GT	281, 291, 337, 341
56057GT	71
56424GT	185, 291, 307
56445GT	99, 277, 279
56525GT	291
56570GT	291
56704GT	277, 279
56843GT	55
56912GT	37, 39, 41, 115, 121, 139...
56929GT	237
56934GT	307
57072GT	311
57201GT	41, 179
57767GT	131
58139GT	73
58222GT	115, 117, 121
58223GT	115, 117, 121
58247GT	131
58256GT	99
58354GT	89
58380GT	115, 121
58402GT	299
58415GT	79, 99, 119, 123
58489GT	51
58598GT	103, 109
58599GT	103, 109
58900GT	105, 111
58919GT	169
58920GT	171
58927GT	169
58930GT	47
58944GT	297, 299
58954GT	297, 299
58967GT	105, 111, 137
59460GT	21, 25
60042-SGT	179
60143-SGT	331
60160PGT	181
60334GT	115, 121
60443GT	187
60526GT	189
60585GT	85
60752GT	331
60857GT	87, 101, 115, 117, 121, 123...
60886PGT	293
61073-2730GT	243
61073-5130GT	267
61073-5430GT	263
61074-2072GT	251
61074-2172GT	245, 255
61222GT	57
61223GT	57
61262GT	317
61726GT	287
61972GT	287
61974GT	287
61975GT	287
61997GT	287
62252GT	207, 209
62253GT	207
62255GT	223
62256GT	217, 229
62257GT	219, 225
62258GT	231
62259GT	223, 231
62262GT	235
62263GT	213
62267GT	235

Part no.	Page Number
62273GT	213, 217, 219, 225, 235
62275GT	233
62276GT	223
62277GT	217, 229
62337GT	235
62392GT	201, 203
62417GT	173
62420GT	79, 101, 119, 123
62421GT	83
62433GT	87
62466GT	57
62506GT	237
62507GT	237
62845GT	81
63140PGT	323
63145PGT	323
63146GT	323
63155GT	23, 25, 29
63163PGT	323
63165GT	323
63166PGT	323
63183PGT	323
63211GT	161
63214GT	175
63347GT	159
63348GT	151
63351GT	161
63352GT	175
63354GT	175
63374GT	163
63426GT	115, 121
63427GT	115, 121
63463GT	79, 99, 119, 123
63630PGT	37
63727GT	321
63766GT	183
64079GT	145
65453GT	105, 111, 137
65454GT	105, 111, 145
65456GT	107, 113, 145, 305
65458GT	95
65459GT	95
65460GT	115, 121
65463GT	159
65473GT	83, 135
65610-SGT	45
65611-SGT	47
65612GT	51
65630GT	291
65636GT	85
65770GT	115, 137, 145
65810GT	79, 99, 119, 123
65824GT	35
65841GT	299
65892GT	43, 137
66811GT	61
66812GT	61, 65, 193, 197
66813GT	195, 197
66814GT	61
66815GT	195, 199
66816GT	61, 195, 199
66817GT	61
66818GT	61, 65, 193, 197
67537GT	137
69550GT	227
69873GT	207, 209
70251GT	85
70356GT	79
70385GT	85
70419GT	135
70423PGT	143, 145
70452GT	81, 143
70486GT	305
70489GT	141
70525GT	133
70527GT	139
71259GT	303
71909GT	43, 137
71911GT	327
72047GT	217, 219, 225
72161GT	15
72255GT	99
72282GT	277, 279
72290GT	35
72326GT	193, 197, 277, 279, 287
72327GT	79, 127, 131
72337GT	79
72339GT	79
72342GT	85
72343GT	79, 135
72344GT	79
72348GT	83
72358GT	145
72867GT	17
72875GT	291
73185GT	33
73210GT	33
73257GT	39
73258GT	39
73260GT	39
73261GT	39
73449GT	29
73463-1175GT	307
73475GT	31
73476GT	29
73477PGT	181
73478PGT	181
73480GT	281
73500GT	291
73501GT	291
73575GT	183
73587GT	183
73610PGT	177, 183
73612GT	127
73613GT	127
73711GT	189
73713GT	189
73717GT	69, 187
73723GT	187
73725GT	189
73736GT	69, 189
73739GT	187
73753GT	69
73766GT	21, 25, 29, 37
73803GT	189
73805GT	65, 193

Part no.	Page Number
73807GT	237
73900GT	179
73928GT	179
73931GT	183
73956-SGT	291
73958-SGT	291
73976GT	179
74006GT	179
74389GT	23, 25, 29, 167
74442GT	35
74443GT	35
74872GT	167, 175
74913GT	71
74920GT	71
74921GT	71
74922GT	71
74923GT	71
74924GT	71
75020GT	87
75067GT	177
75073GT	73
75119GT	59
75143GT	201
75185GT	139
75260GT	303
75278-2229GT	301
75278-4579GT	243, 245, 251, 255
75395GT	173
75443GT	201, 203
75444GT	201, 203
75445GT	201, 203
75446GT	201, 203
75447GT	201, 203
75448GT	201, 203
75449GT	201, 203
75471GT	119
75519GT	283
75578GT	33
75579GT	33
75580GT	33
75581GT	33
75640GT	187, 189
75649GT	53
75650-SGT	91, 129, 147
75677GT	57
75678GT	57
75681GT	57
75682GT	57
75683GT	57
75684GT	57
75685GT	57
75686GT	57
75849GT	167
75854GT	303
75855GT	303
75858GT	51
75863GT	39, 41
75878GT	35
75892GT	239
75893GT	239
75894GT	205
75987PGT	299
75988PGT	51
77046GT	13
77047GT	187
77069GT	51
77170GT	127, 133
77183GT	13
77219GT	43, 105, 111
77295GT	131
77351GT	189
77382GT	295
77402GT	87
77432GT	189
77476GT	85
77482GT	89
77483GT	85
77664GT	307
77683GT	307
77692GT	179
77840GT	179
77885GT	115, 121
77893GT	217
77990GT	83
79738GT	35
80605GT	287
81110GT	35, 41, 55
81123GT	295
81164GT	33
81368GT	291
81484PGT	187
81487PGT	189
81488GT	187
81550GT	191
81551GT	189
81563GT	147
81578GT	51
81629GT	103, 109
81631GT	103, 109
81632GT	117, 123
81634GT	119, 123
81635GT	117, 123
81748GT	117, 123
81812-4628GT	243, 245, 251, 255
81812-11192GT	251, 255
81900GT	61, 65
82229GT	13
82237GT	311, 313
82238GT	13, 17
82243GT	13
82244GT	13, 17
82283GT	13
82313GT	13
82316GT	13
82317GT	13
82366GT	13
82472GT	17
82473GT	17
82487GT	17
82544GT	19
82545GT	19
82548GT	19
82589GT	19
82590GT	13, 19
82602GT	19
82604GT	19

Part no.	Page Number
82605GT	19
82606GT	19
82644GT	13
82646GT	17, 19
82673GT	15, 19
82862GT	313
82924GT	19
82926GT	11, 17
83093GT	65
83098GT	201, 203
84130GT	205
84134GT	207
84135GT	207, 209
85197GT	239
85300GT	291
88356-146R3GT	153, 169
88356-11103GT	57, 167
88377-1400GT	307
88406GT	313
88448GT	103
88450GT	121, 133
88451GT	103
88455GT	103, 109
88606PGT	285
88607PGT	285
88609-SGT	285
88757GT	123, 133
88832GT	71
88841GT	85
88846GT	83
88847GT	79, 131
88884GT	35
88885GT	35
88989PGT	83
88990PGT	81
88991PGT	85
88992PGT	89
88993GT	85
89005GT	21, 29
89014GT	239
89033GT	33
89069GT	239
89076PGT	119, 123
89077PGT	123
89098PGT	57
89175GT	213
89176GT	189
89177GT	189
89178GT	235
89179GT	303
89184GT	169
89186GT	167
89214GT	227
89237GT	41
89294GT	21, 25
89295GT	21, 25
89296GT	167
89297GT	235
89300GT	213, 215
89306GT	219
89307GT	217, 219, 223
89309GT	219, 233
89310GT	207, 219, 233
89311GT	217, 219, 225
89312GT	223, 229, 231
89315GT	223
89316GT	205
89317GT	205
89323GT	35
89324GT	35
89325GT	35
89326GT	35
89327GT	35
89328GT	21, 25
89329GT	21, 25
89330GT	21, 25
89331GT	33
89332GT	37
89335GT	177
89336GT	177
89337GT	177
89338GT	177
89341GT	239
89342GT	239
89343GT	239
89344GT	239
89345GT	239
89346GT	239
89347GT	239
89348GT	239
89350GT	239
89361PGT	37
89362PGT	37
89376GT	189
89404-SGT	305
89405-SGT	305
89431GT	241
89441GT	303
89448PGT	277
89453GT	91
89463GT	279
89464GT	295
89469GT	331
89520GT	241
89553-4476GT	251
89554-10313GT	247, 249, 259, 261
89555-3708GT	251, 255
89571GT	55
89581-4830GT	267
89581-5030GT	267, 317
89618GT	109
89620GT	51
89625GT	73
89629GT	75
89631GT	135
89650GT	135
89651GT	83, 147
89666GT	187
89672PGT	81, 91, 129, 147
89673GT	187
89675GT	21, 25
89678GT	223
89679GT	217
89682GT	21, 29, 35, 41
89702GT	33
89703GT	33

Part no.	Page Number
89704GT	33
89705GT	33
89707PGT	325
89713GT	239
89719GT	299
89722GT	217, 229
89723GT	285
89726GT	227, 231
89728GT	231
89729GT	231
89730GT	231
89732GT	233
89733GT	215, 227, 229, 231, 235
89734GT	227, 229, 231
89735GT	215, 235
89737GT	229, 231
89738GT	229, 231
89739GT	67
89742GT	177
89743GT	177
89744GT	177
89745GT	177
89746GT	177
89747GT	177
89748GT	177
89749GT	177
89750GT	177
89751GT	177
89752GT	177
89753GT	177
89755GT	287
89756GT	57, 167
89759GT	81
89762GT	85
89763GT	89
89764GT	89
89765GT	89
89768GT	177, 183
89769GT	215, 235
89770GT	215, 235
89771GT	87
89772GT	87
89773GT	87
89785GT	97
89800GT	57
89811GT	145
89812GT	115, 143
89813GT	145
89862GT	235
89864GT	235
89870GT	57
89871-4848GT	317
89871-6348GT	265, 269
89871-9048GT	301
89883-SGT	285
89885GT	57
89901GT	85
89904PGT	73
89917PGT	137
89921GT	137
89925GT	187
89942GT	79
89953GT	87
89954GT	131, 147
89959GT	327
89973GT	135
94077GT	53
94324GT	327
94374-1980GT	301
94374-2130GT	301
94374-2430GT	245, 255
94374-4830GT	317
94374-4930GT	317
94378PGT	87
94390-SGT	179
94399GT	173
94493-SGT	307
94506GT	197
94549GT	287
94598GT	223
94643GT	287
94745PGT	183, 283
94757GT	309
94759GT	309
94760GT	309
94762GT	87
94765GT	309
94888GT	79
94937GT	55
96008-SGT	65
97128GT	57, 167
97548GT	15
97571GT	15
97579GT	313
97602GT	15
97815GT	19, 183
97887GT	11
97890GT	13
101005GT	203
101005HGT	203
101118PGT	143
101119PGT	143
101121PGT	145
101126PGT	137
101127PGT	139
101128PGT	139
101174GT	203
101174HGT	203
101175GT	203
101175HGT	203
101266GT	281
101267GT	281
101373GT	179
101375GT	181
101376GT	181
101377GT	179
101378GT	181
101379GT	181
101381GT	181
101382GT	181
101383GT	179
101384GT	181
101516GT	309
101525GT	315
101640GT	327
101726GT	47

Part no.	Page Number
101727GT	45
101731PGT	313
101732GT	313
101792-3578GT	319
101792-41078GT	319
101792-54978GT	319
101794-22009GT	319
101794-23609GT	319
101845GT	289
102009GT	131
102010PGT	133
102013PGT	139
102030GT	215
102033GT	189
102065PGT	137
102066PGT	81, 85, 143
102068PGT	139
102070GT	287
102072GT	133
102073GT	133
102074GT	133
102100PGT	87, 135
102103GT	135
102104GT	133
102107GT	131
102109PGT	131
102112PGT	83
102117GT	137
102118GT	133
102119GT	137
102121GT	131
102128GT	137
102134GT	135
102136GT	145
102151GT	73
102154GT	67
102155GT	35
102157GT	41
102158GT	35, 41
102159GT	35, 37
102160GT	35, 37
102161GT	35, 37
102172GT	227
102173GT	169
102174GT	153
102175GT	167
102176GT	57
102230-43389GT	319
102231-41408GT	319
102232-3591GT	319
102232-9291GT	319
102233-50988GT	319
102275-SGT	305
102314GT	309
102326-SGT	305
102348GT	305
102350PGT	135
102357GT	311
102408PGT	313
102409PGT	313
102433GT	281
102434GT	281
102436GT	281
102437GT	281
102438GT	281
102439GT	281
102443GT	281
102464PGT	325, 327
102495GT	177, 183
102496GT	235
102519GT	73
102520GT	73
102522GT	73
102523GT	73
102526GT	229, 231
102527GT	229, 231
102528GT	229
102529GT	169
102530GT	231
102531GT	227, 231
102532GT	173
102617GT	231
102676GT	285
102679GT	179
102686GT	99
102703GT	169
102721PGT	281, 283
102724GT	187
102746GT	311
102748GT	83
102749GT	81
102773PGT	157
102774PGT	153
102775PGT	153
102776PGT	153, 155
102779PGT	135
102785PGT	285
102786PGT	285
102794GT	145
102907GT	189
102929PGT	327
102930PGT	327
102937PGT	327
102940GT	227, 229, 231
102942GT	17
102943GT	11
102944GT	11
102962GT	327
102977GT	133
102984GT	153
102985GT	153
102986GT	165
102987GT	165
102988GT	43, 47
102989GT	43, 47
102990GT	173
102991GT	173
102992GT	183
104759GT	237
106043GT	315
106044GT	315
106073GT	309
106098GT	35, 37
106110GT	313
106111GT	313
106112GT	313

Part no.	Page Number
106113GT	311
106117GT	35
106140PGT	311
106141GT	315
106144GT	103, 109
106178GT	131
106183GT	315
106184GT	311
106204PGT	315
106271PGT	137
106274GT	311
106275GT	315
106375GT	311
106394GT	311
106412PGT	309
106415GT	311
106416GT	311
106417GT	311
106420PGT	311
106421GT	173
106477GT	311
106479GT	311
106485GT	137
106486GT	131
106490GT	143
106491GT	139
106587PGT	309
106588PGT	309
106637GT	65
106644GT	309
106655GT	311
106657GT	309
106665-4929GT	317
106665-5229GT	317
106666-8446GT	317
106678GT	309
107704GT	283
107705GT	283
107706GT	283
107707GT	283
107708GT	283
107709GT	283
107710GT	283
107857GT	281
107858GT	279, 283
110194GT	207
110200GT	215, 219, 223, 231, 233
110202GT	217, 229
110220GT	309, 313, 315
110276GT	313
110304GT	83, 135
110344GT	309
110382GT	53
110388GT	187
110650GT	153
110789GT	287
111027GT	85
111028GT	89
111153GT	279
111177GT	165
111371GT	77
111372GT	77
111373GT	155
111381GT	297
111390GT	79
111415GT	201
111416GT	201
111417GT	201
111418GT	85
111485PGT	281
111486PGT	281
111526GT	285
111580GT	337, 341
111634GT	131
111647PGT	57
111648GT	57
111702GT	227
111703GT	217, 229
111705GT	219, 229
111778GT	229
111779GT	229
119203GT	103
119250GT	189
119404GT	51
119534GT	191
119560GT	191
119613GT	201, 203
119619GT	23, 27, 29
119620GT	155, 159
119641GT	191
119915GT	203
121599GT	67
122019GT	277, 279
122056GT	147
122057GT	147
122058GT	83, 101, 147
122079GT	179
122098GT	287
122124GT	187
122125GT	187
122215GT	187
122227GT	279
122236GT	297
122300GT	311
122302GT	309
122346GT	33
122377GT	81
122754GT	51
122755GT	333
122944GT	173
128000GT	203
128001GT	203
128022GT	87
128045GT	289
128200GT	61, 65, 193, 195, 197, 199...
128201GT	63, 67, 195
128202GT	61, 63, 65, 193, 195, 199
128203GT	65, 199
128204GT	67, 191, 193, 195, 197, 199
128205GT	61, 193, 197, 297
128368GT	281
128416GT	309
128419GT	309
128578GT	61, 65, 193, 197
128903GT	103, 139
133518GT	13, 17, 297, 313

Part no.	Page Number
139438GT	283
139451GT	183
139508GT	211
139512GT	211
139527GT	211
139528GT	211
139598GT	201, 203
139624GT	99
139666GT	99
139709GT	91
139712GT	211
139715GT	211
139716GT	211
139717GT	211
139718GT	211
139719GT	211
139727GT	211
139958GT	281
144161GT	51
146034GT	287
146284GT	311
146285GT	311
146341GT	35
146478GT	61, 65, 193, 197
147094GT	61, 65
147095GT	65
147836GT	297, 299
147837GT	297, 299
147838GT	297, 299
147839GT	297
160550GT	95
160551GT	79
162006GT	311
162399GT	35
215545GT	237
216248GT	55
216249GT	55
216638GT	237
216640GT	237
216791GT	71
216793GT	71
217441GT	71
219158GT	333
219437GT	129, 141
226393GT	277, 279
226419GT	153
226503GT	309
226504GT	309
226537GT	175
227425GT	311
227516GT	183
227988GT	131
228466GT	183
228842GT	77
228848GT	307
228849GT	307
228866GT	235
229567GT	61, 65, 67, 187, 193, 195...
229768GT	183
233992GT	307
233993GT	307
233994GT	237
235475GT	189
235476GT	189
236426GT	85
823702GT	133
824027GT	281
824038GT	307
824078GT	337, 341
824083GT	291
824164GT	165
824227GT	281
824879GT	61, 67, 193, 197
824882GT	67
825019GT	21, 25, 151, 155, 159, 173
825020GT	287
826805GT	11
826811GT	17
1251600GT	291, 307, 337, 341
1251997GT	335
1252943GT	85
1253485GT	337, 341
1254826GT	101
1255653GT	99
1256267GT	21, 25, 29, 37, 151, 155...
1256377GT	335
1256378GT	335
1256379GT	335
1256380GT	335
1256389GT	335
1256400FRGT	335
1256400GT	335
1256439GT	335
1256481GT	335
1256851GT	335
1256855	307, 337, 341
1256856GT	335
1259054GT	105, 111, 143
1259704GT	281
1260124GT	227
1260125GT	227
1260218GT	53
1260892GT	335
1260910GT	335
1261018GT	335
1261019GT	335
1261020GT	335
1261021GT	335
1261022GT	335
1261023GT	335
1261024GT	335
1261025GT	335
1261250GT	337, 341
1261449GT	53
1262484GT	83
1262585GT	85
1262633GT	151, 159
1264387GT	151
1264388GT	159
1267807GT	87, 101, 117, 123, 133, 149
1268229GT	87, 101, 117, 123, 133, 149
1269501GT	201, 203
1270665GT	337, 341
1274167GT	337, 341
1274322GT	291, 307, 335, 337, 341
1277924GT	291, 307, 337, 341

Part no.	Page Number
1277991GT	131
1279268GT	79, 127, 131
1280665GT	51
1283004GT	337, 341
1283026GT	339, 343
1287434GT	211
1290135GT	281
1290931GT	313
1291283GT	311
1291798GT	337
1291799GT	337
1291800GT	337
1291801GT	339
1291802GT	337, 341
1291803GT	339, 343
1291804GT	339, 341
1291806GT	339, 343
1291807GT	339
1291809GT	339, 343
1291811GT	337, 341
1291812GT	337, 341
1291813GT	339, 343
1291815GT	337, 341
1291817GT	337, 341
1291818GT	339, 343
1291819GT	339, 341
1291821GT	339, 343
1291844GT	339, 341
1291865GT	337, 341
1292828GT	339, 343
1292932GT	337, 341
1292936GT	337
1292937GT	337
1292937PGT	337
1292956GT	337
1293700GT	341
1293702GT	341
1293703GT	341
1293704GT	343
1293706GT	339, 341
1293710GT	341
1296384-2910GT	265, 269
1296390-10786GT	263, 267
1303581GT	83, 91, 127, 135, 147
1314265GT	79
1316635GT	47
T106954GT	55
T106955GT	55
T106956GT	55
T106957GT	55
T106958GT	55
T106959GT	55
T106960GT	55
T106961GT	55
T106962GT	55
T108075GT	173
T111608GT	297, 299
T111609GT	297, 299
T111610GT	297, 299
T111611GT	297, 299
T111612GT	297, 299
T111613GT	297, 299
T112464GT	235
T112563GT	179
T112626GT	201, 203
T113653GT	127
T113655GT	129, 311
T114022GT	311
T114023GT	311
T114678GT	99
T115352GT	191

Part no.	Page Number

California Proposition 65

WARNING

Operating, servicing and maintaining this equipment, passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals can be emitted from or contained in other various parts and systems, fluids and some component wear by-products. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your equipment and vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment or vehicle and after operation. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.P65warnings.ca.gov/diesel.

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