Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

Z-60/34

to SN 1089

Part No. 30103GT
Rev: E.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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Second Edition, Fifth Printing

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A TEREX BRAND

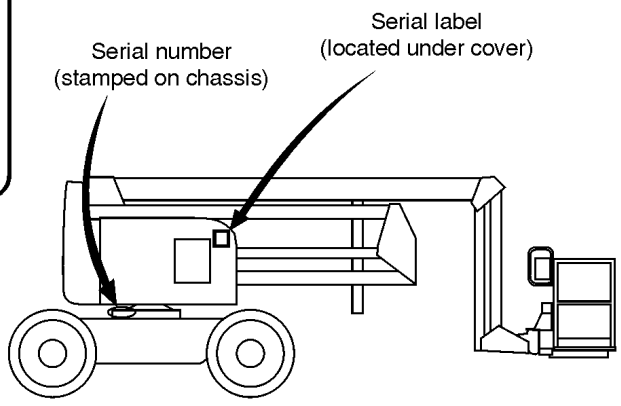
Model: Z-60/34
Serial number: Z6006-12345
Model year: 2006 **Manufacture date:** 01/05/06
Electrical schematic number: ES0423
Machine unladen weight:

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.

Ford Models:

Description	Part No.
Pre-Filter, Fuel	52179
Filter - Fuel Pressure Regulator	58967
Filter - Engine Oil	28656
Element - Air Filter	77295
Serpentine Belt	52580
Valve - PCV	33957
Spark Plug	28647

Deutz Models:

Description	Part No.
Element - Air Filter	62420
Filter - Fuel/water Separator	29560
Filter - Engine Oil	49924
V-Belt	32698
Manual - Workshop, Deutz 1011F	52229

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:

EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5	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)

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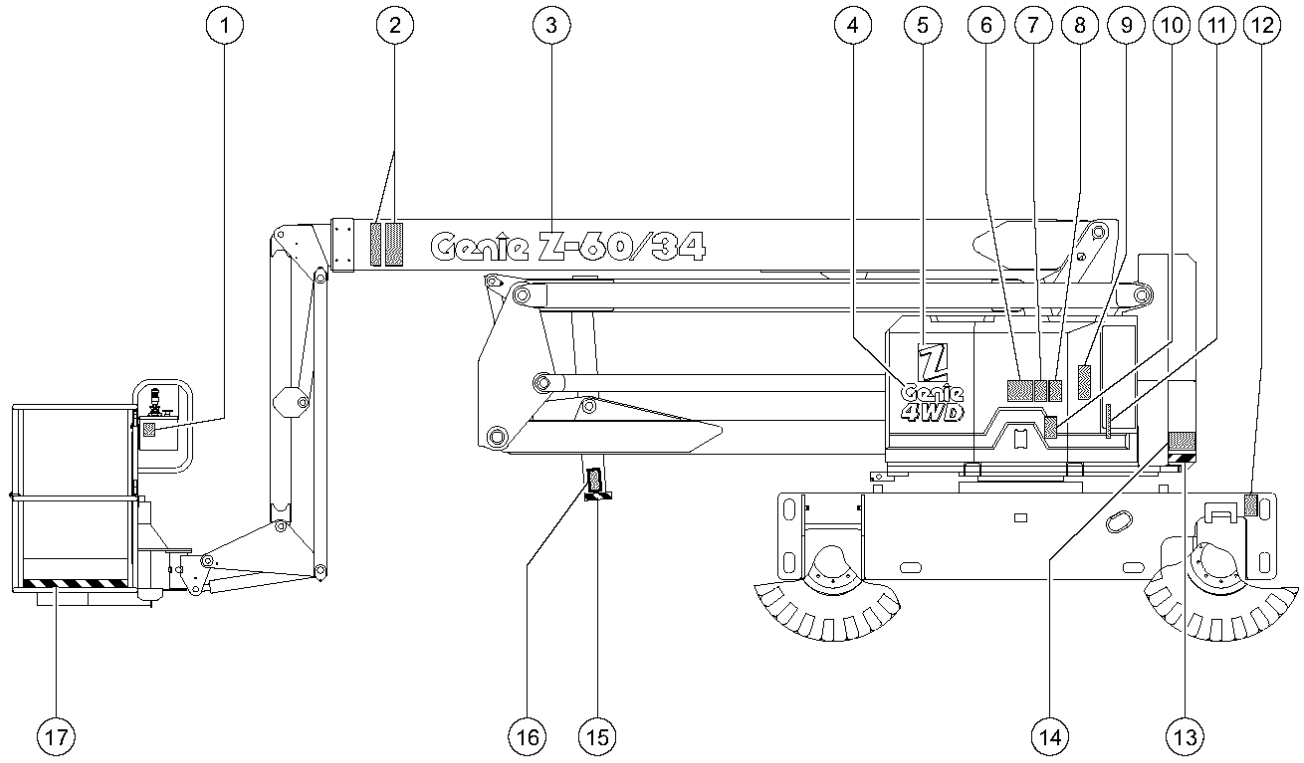
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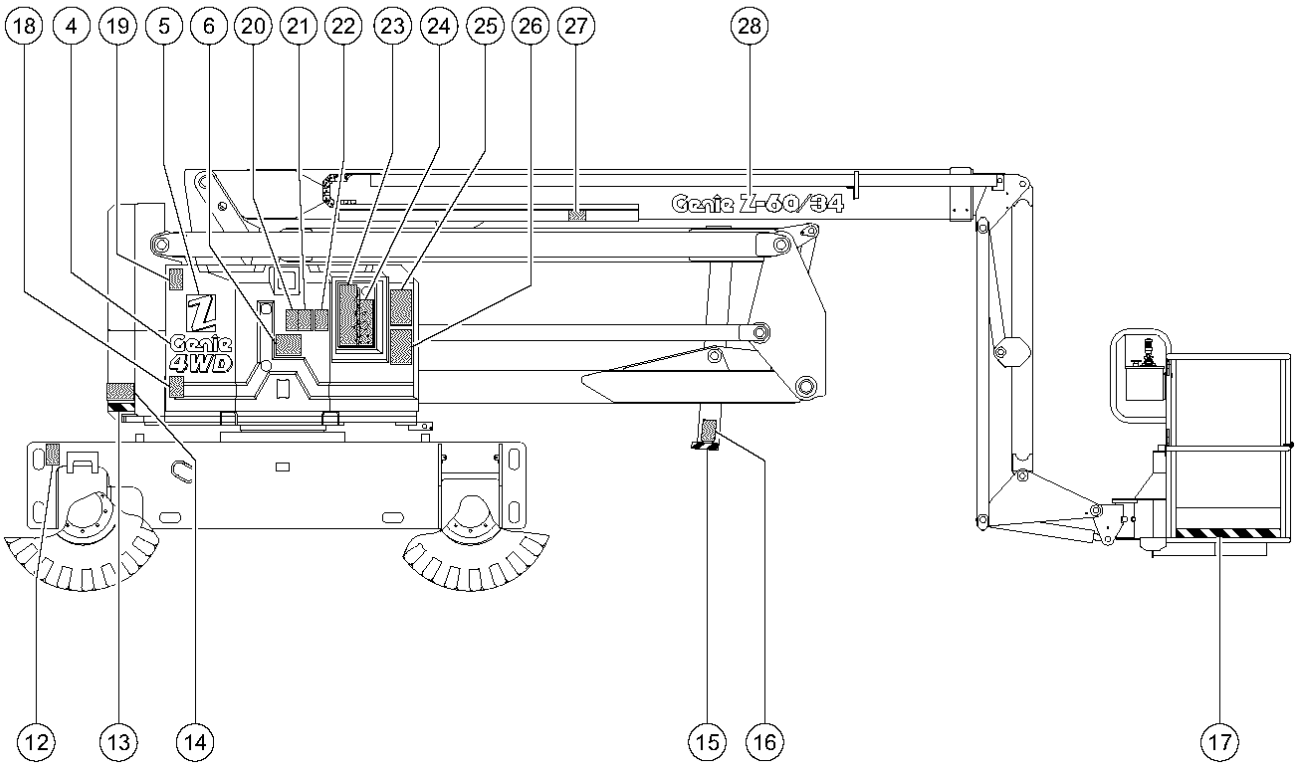
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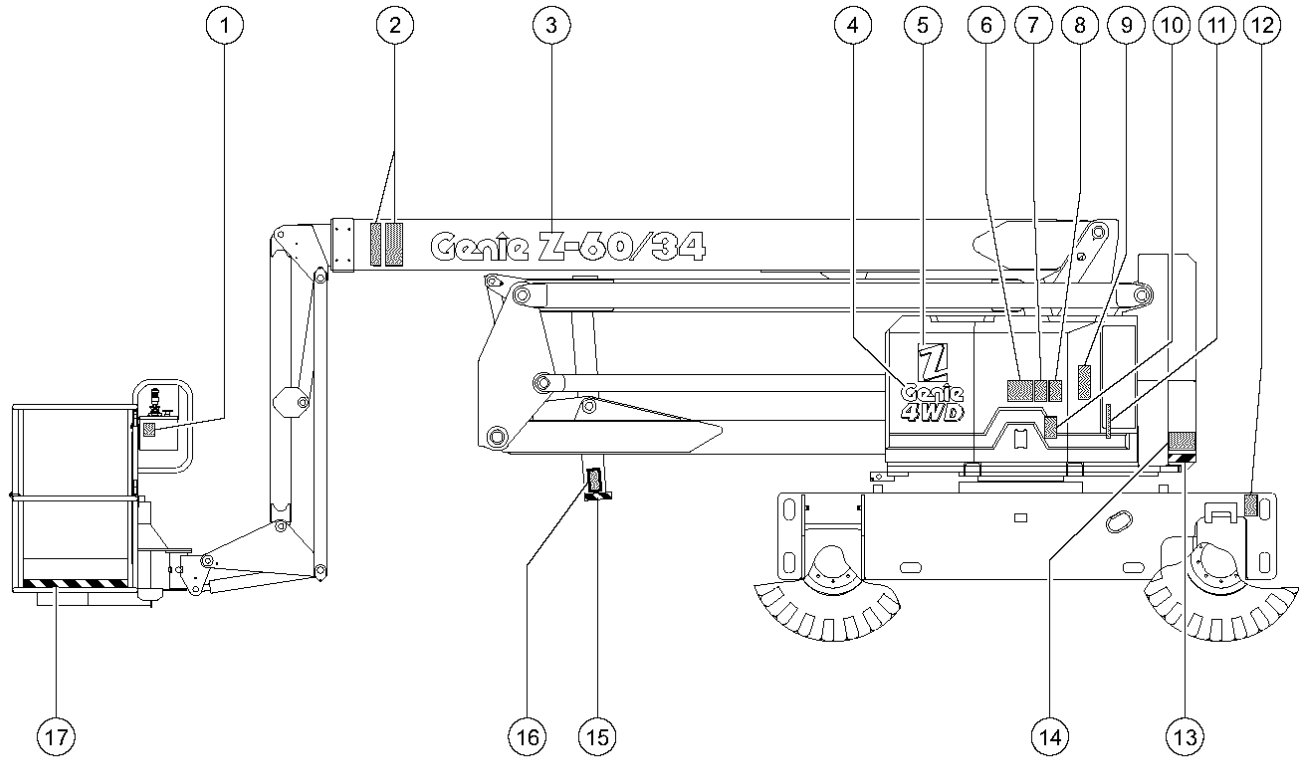
101.1 Decals - Profile Views

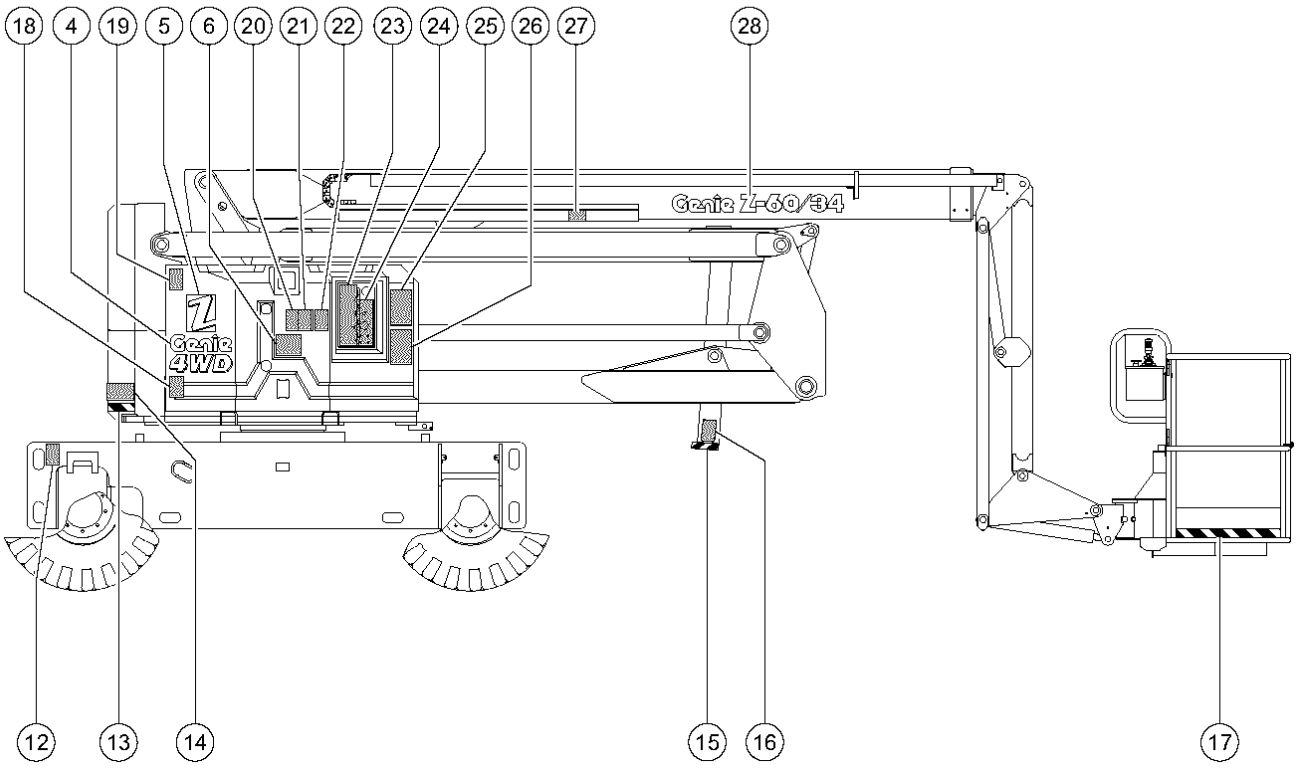




Item	Part No.	Description	Qty.
	30106GT	DECAL KIT,INSTRUCTIONAL, Z60	
	30107GT	DECAL KIT,COSMETIC, Z60	
1	28235GT	DECAL,POWER TO PLATFORM 115V	1
1-	28174GT	DECAL,POWER TO PLATFORM 230V	1
2	31160GT	DECAL,STRIPE (10")	1
3	31158GT	DECAL,GENIE Z60/34	1
4	30407GT	DECAL,GENIE 4 WD, WHITE	2
4-	30406GT	DECAL"GENIE 2 WD" WHITE	2
5	31163GT	DECAL,Z, Z45MP	2
6	28175GT	DECAL,WARNING-COMPART ACCESS	2
7	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
8	30082GT	DECAL,NOTICE TIRE PRESSURE	1
9	28238GT	DECAL,NOTICE,ENG.SPECS,FORD423	1
9	29780GT	DECAL,NOTICE,DEUTZ ENGINE SPEC	3
10	28162GT	DECAL,WARNING,CRUSHING	1
11	28170GT	DECAL,DANGER,BATT SAFE BOOM	1
12	28161GT	DECAL,WARN,CRUSH HAZARD HAND	2
13	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
14	25980GT	DECAL,ELECTROCUTION HAZARD	2
15	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
16	31059GT	DECAL,WARNING COLLISION HAZARD	2
17	33550GT	TAPE,WARNING,BLK/YEL, 50'***	
18	28160GT	DECAL,LABEL,LIQUID PROPANE	1
19	28157GT	DECAL,USE DEXRON***	1
20	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	2
20-	28159GT	DECAL,DIESEL	2
21	28171GT	DECAL,DANGER,NO SMOKING ***	1
22	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1

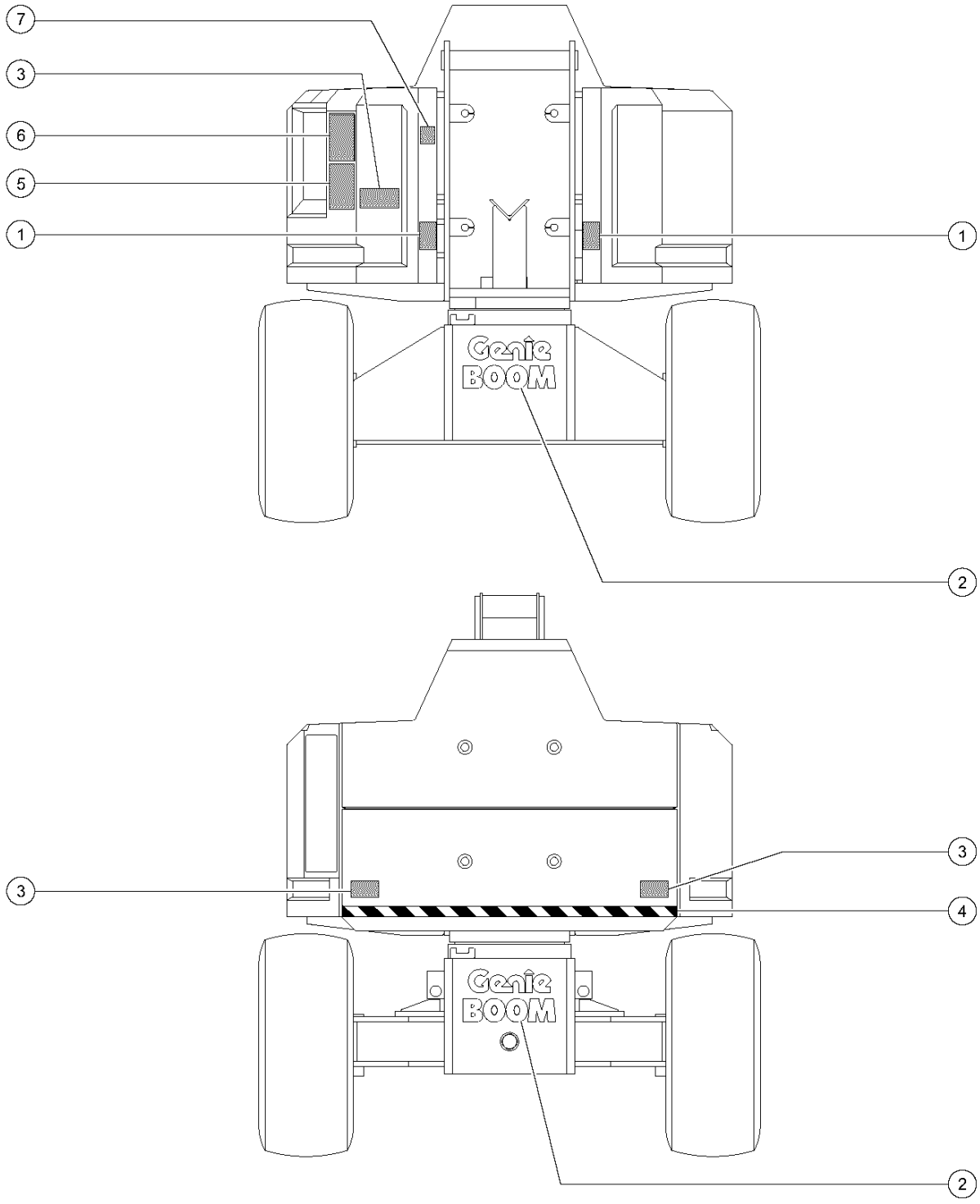
101.1 Decals - Profile Views





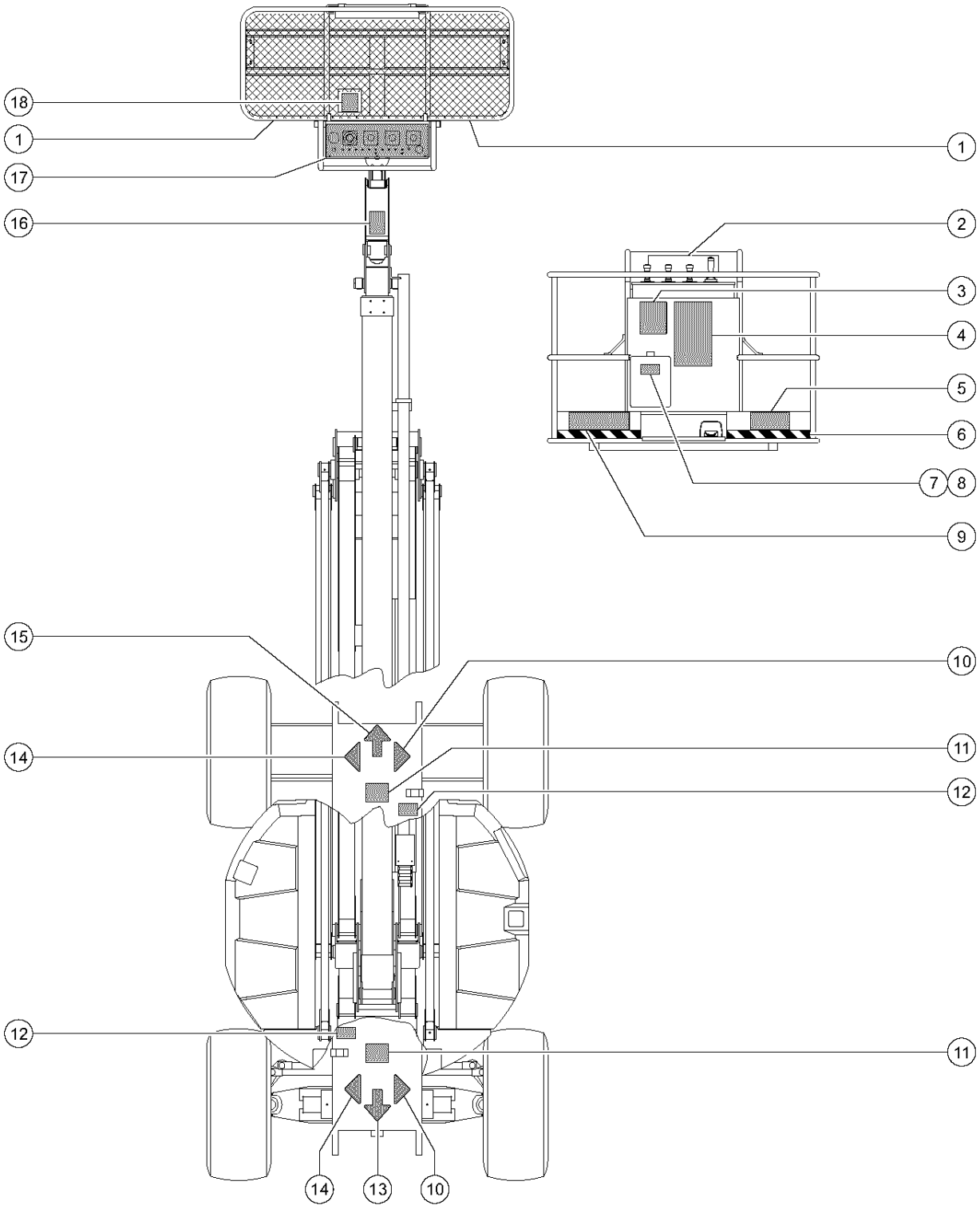
Item	Part No.	Description	Qty.
23	30078GT	DECAL,DANGER,GEN.SAFETY RULES	1
24	30084GT	DECAL,GROUND CONTROL PANEL	1
25	29791GT	DECAL,NOTICE,PRE-OPERATION	1
26	30079GT	DECAL,OPERATING INSTRUCTIONS	1
27	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
28	31159GT	DECAL,GENIE Z60/34	1

102.1 Decals - End Views



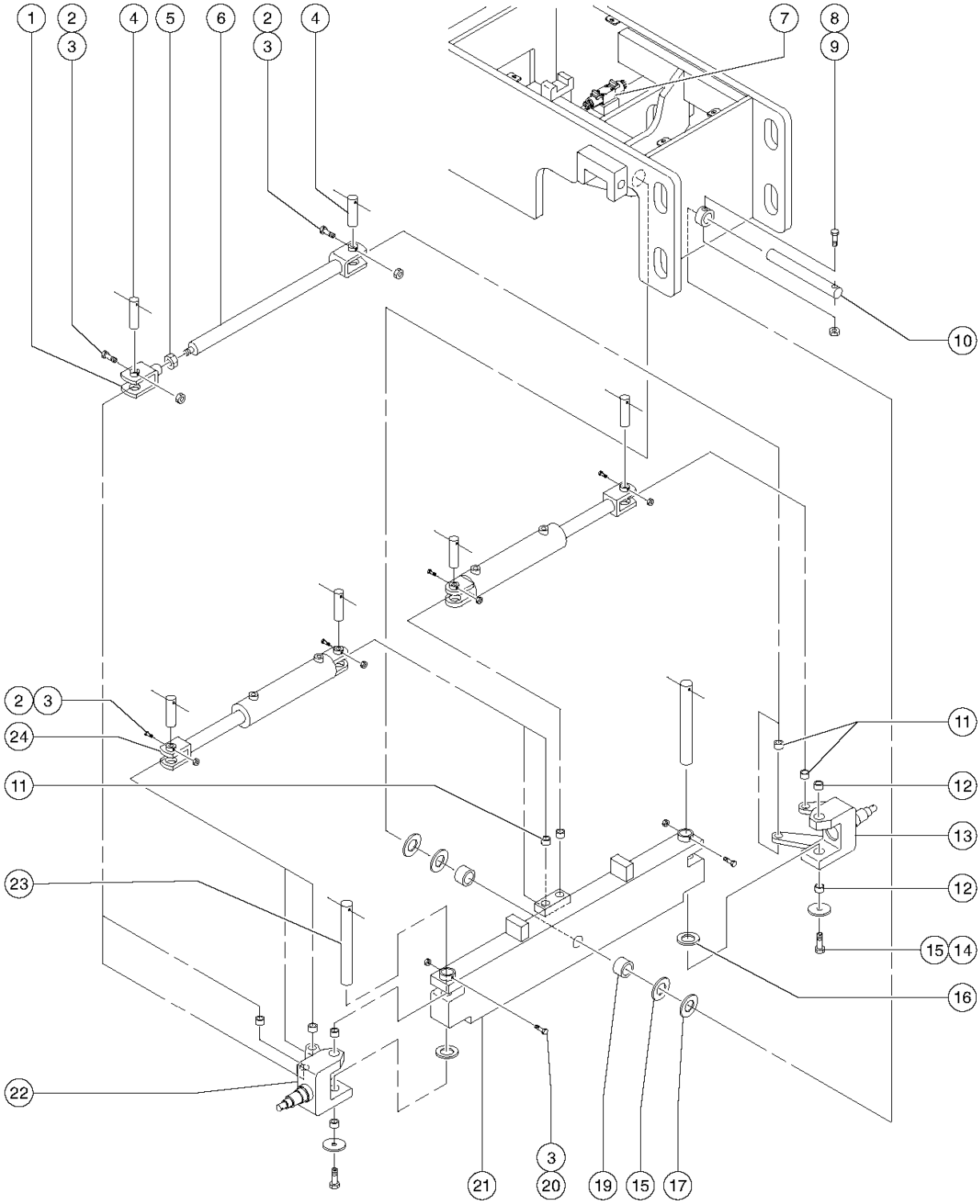
Item	Part No.	Description	Qty.
1	28161GT	DECAL,WARN,CRUSH HAZARD HAND	2
2	31162GT	DECAL,GENIE BOOM (17")	2
3	25980GT	DECAL,ELECTROCUTION HAZARD	3
4	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
5	30079GT	DECAL,OPERATING INSTRUCTIONS	1
6	29791GT	DECAL,NOTICE,PRE-OPERATION	1
7	28235GT	DECAL,POWER TO PLATFORM 115V	1
7-	28174GT	DECAL,POWER TO PLATFORM 230V	1

103.1 Decals and Paint - Top View and Platform



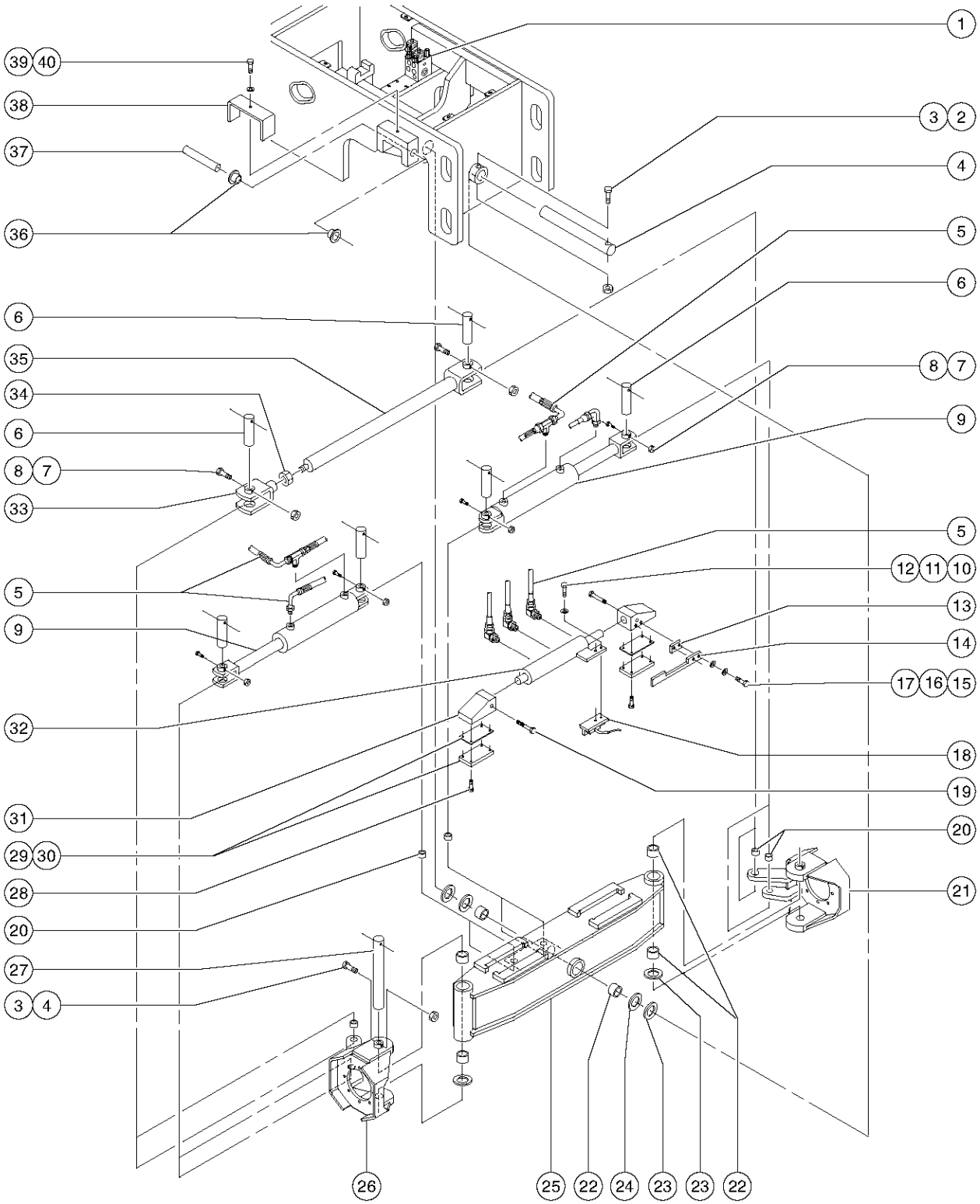
Item	Part No.	Description	Qty.
1	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
2	29492GT	DECAL,NOTICE,OP.INST(PLAT) S60	1
3	29791GT	DECAL,NOTICE,PRE-OPERATION	1
4	30078GT	DECAL,DANGER,GEN.SAFETY RULES	1
5	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
6	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
7	28236GT	DECAL,WARN,IMPROPER OPERATION	1
8	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
9	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
10	27206GT	DECAL,TRIANGLE,BLUE	2
11	28175GT	DECAL,WARNING-COMPART ACCESS	2
12	28178GT	DECAL,WARN,SHEAR TURNTABLE	2
13	27204GT	DECAL,ARROW BLUE	1
14	27207GT	DECAL,TRIANGLE,YELLOW	2
15	27205GT	DECAL,ARROW YELLOW LRG 9"	1
16	28181GT	DECAL,WARN,FALL HAZARD	1
17	30083GT	DECAL,PLATFORM CTRL PANEL	1
18	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1

201.1 Steer Linkage - non-oscillating Axle



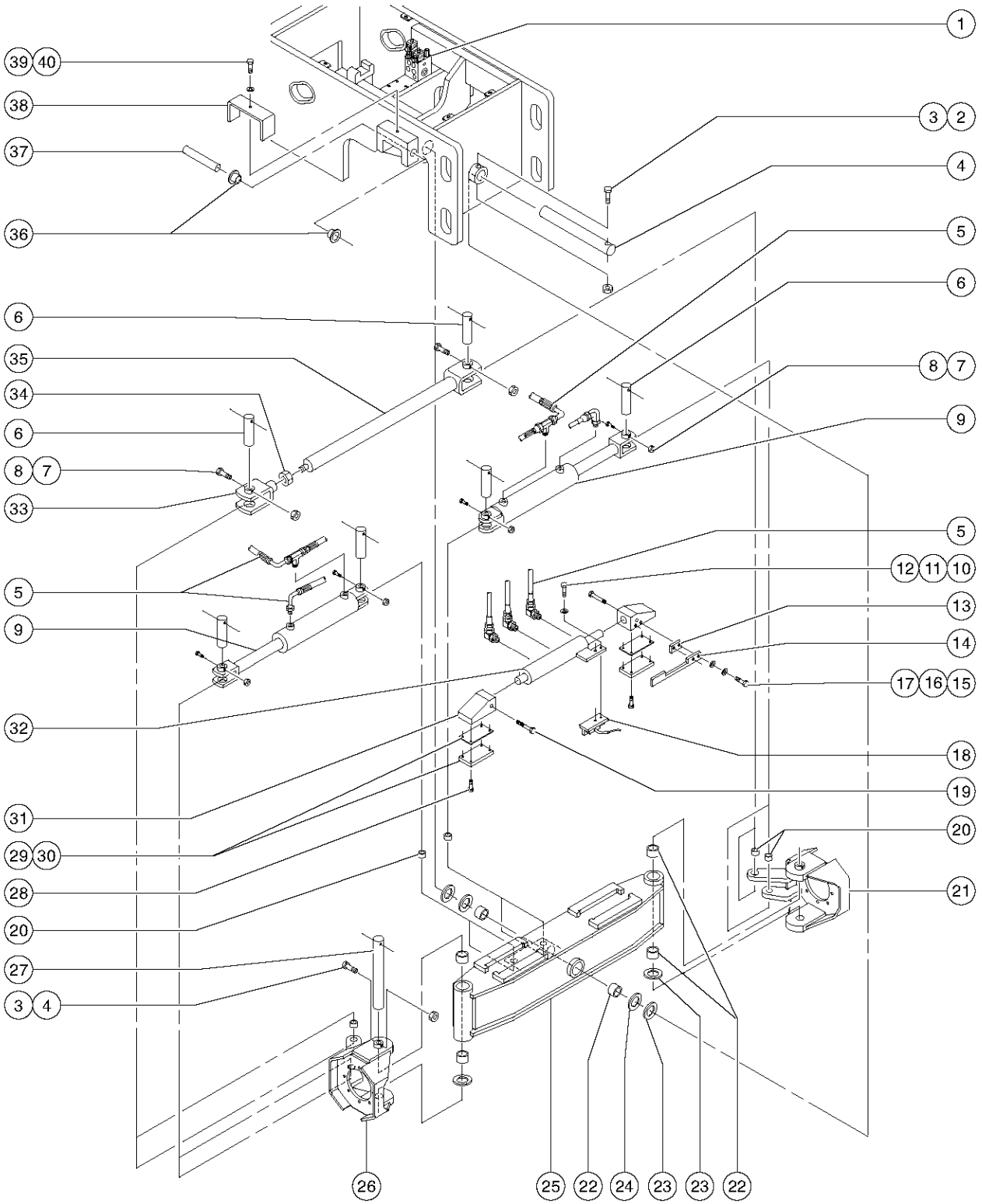
Item	Part No.	Description	Qty.
1	58101GT	TIE ROD ENHANCEMENT KIT	1
1-	63238GT	TIE ROD END WELD,SERVICE,Z60	1
2	6708GT	SCREW,HHC,3/8-16 X 2.25	6
3	4828GT	NUT, NYLOCK, 3/8-16	8
4	25419GT	PIN,STEER	6
5	27953GT	NUT,HEX,JAM,1.25-7	1
6	31093GT	TIE ROD, WELD.NON-OSC,Z60	1
7		Ref. 2WD Steer Manifold (refer to figure 205.1)	1
8	8220GT	SCREW,HHC,1/2-13 X 4	1
9	6198GT	NUT, NYLOCK, 1/2-13	1
10	36370GT	PIN,2.50DIAX15.00LG,1HOLE	1
11	30370GT	BEARING,1.25IDX1.5ODX1.00L	6
12	30431GT	BEARING, GARLOCK,GM2832-32	4
13	31091GT	YOKE ASSY,2WD LF.SIDE,Z60 includes index numbers 11 and 12	1
14	6175GT	SCREW,HHC,3/8-16 X 1	2
15	24039GT	WASHER,3/8 PLATE (3/8X2X3/16TK	2
16	30257GT	WASHER,THRUST 1.75 ID.	2
17	29746GT	WASHER,FLAT,2.5 X 4 X .062	2
18	25436GT	WASHER,THRUST,2.56 X 4.0 X.18	2
19	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
20	21604GT	SCREW,HHC,3/8-16 X 3.25	2
21	31092GT	NON-OSCILLATING AXLE,Z60 includes 2 each index numbers 11 and 19; to SN 909	1
21-	46965GT	NON-OSCILAT'G AXLE Z60/1997 includes 2 each index numbers 11 and 19; from SN 910	
22	31090GT	YOKE ASSY,2WD RT.SIDE,Z60 includes index numbers 11 and 12	1
23	30185GT	PIN,KING,HI-STEER ANGLE,Z60 to SN 909	2
23-	44089GT	PIN,1.75DIAX12.50LG,THREADED from SN 910	
24	53462GT	STEER. CYL. RETRO FIT KIT Z60	2
24-	29183GT	SEAL KIT,25212,25217,25372,S60	2

202.1 2WD Steer Linkage - Oscillating Axle



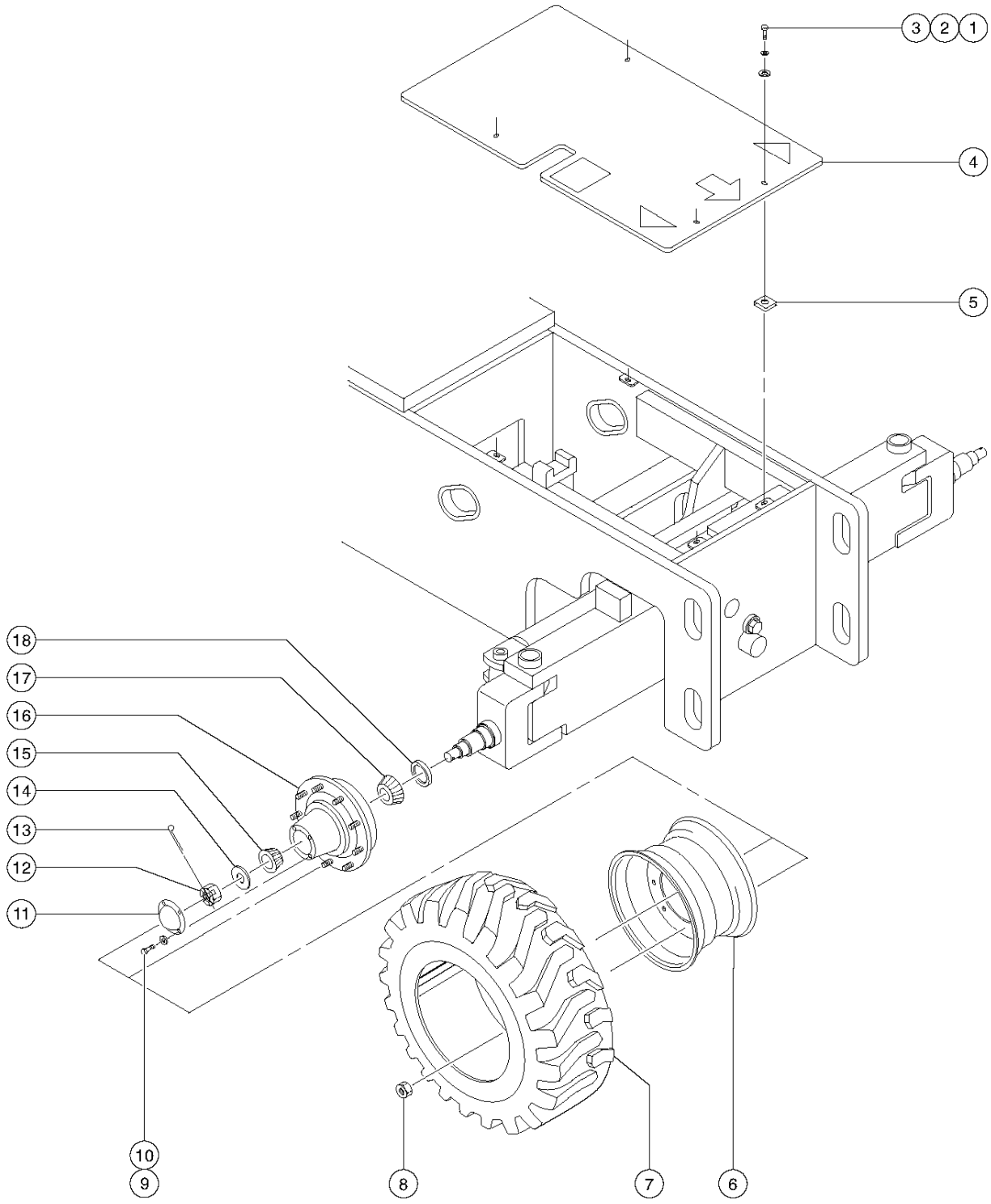
Item	Part No.	Description	Qty.
1		Ref. 2WD Steer / Oscillation Manifold (refer to figure 205.1)	
2	8220GT	SCREW,HHC,1/2-13 X 4	5
3	6198GT	NUT, NYLOCK, 1/2-13	3
4	25417GT	PIN,AXLE PIVOT** to SN 909	1
4-	36370GT	PIN,2.50DIAX15.00LG,1HOLE from SN 910	1
5		Ref. Hydraulic Hoses & Fittings (refer to figure 208.1)	1
6	25419GT	PIN,STEER	6
7	4828GT	NUT, NYLOCK, 3/8-16	6
8	6708GT	SCREW,HHC,3/8-16 X 2.25	6
9	53462GT	STEER. CYL. RETRO FIT KIT Z60	2
9-	29183GT	SEAL KIT,25212,25217,25372,S60	2
10	45645GT	SCREW,RHM,8-32 X .75	2
11	6607GT	WASHER,LOCK,#10 PLTD	2
12	18605GT	NUT,NYLOCK,8-32	2
13	29855PGT	BRACKET,PUSH ROD SWITCH,PAIN	1
14	31266GT	ACTUATOR ASSY,PROX.SWITCH	1
15	7339GT	SCREW,HHC,1/4-20 X .5	2
16	6356GT	WASHER, LOCK, .25	2
17	6638GT	WASHER, FLAT, USS, 1/4"Y	2
18	33627GT	PROX SWITCH W/INSTALL INST	1
19	8357GT	SCREW, HHC, 1/2-13 X 3.5	2
20	27694GT	BEARING,1.25 ID X 1.41 OD X 1"	6
21	29213GT	YOKE ASSY,2/4WD,L.S.,S60/Z60 includes index numbers 20 and 22; to SN 909	1
21-	46966GT	YOKE ASSY 2/4WD,L.S.,Z60 from SN 910	
22	27698GT	BEARING,2.50IDX2.75ODX2.00L	6
23	25436GT	WASHER,THRUST,2.56 X 4.0 X.18	4
24	29746GT	WASHER,FLAT,2.5 X 4 X .062	2
25		FRONT AXLE ASSY,S60,Z60 includes index numbers 20 and 22; to SN 909	1

202.1 2WD Steer Linkage - Oscillating Axle



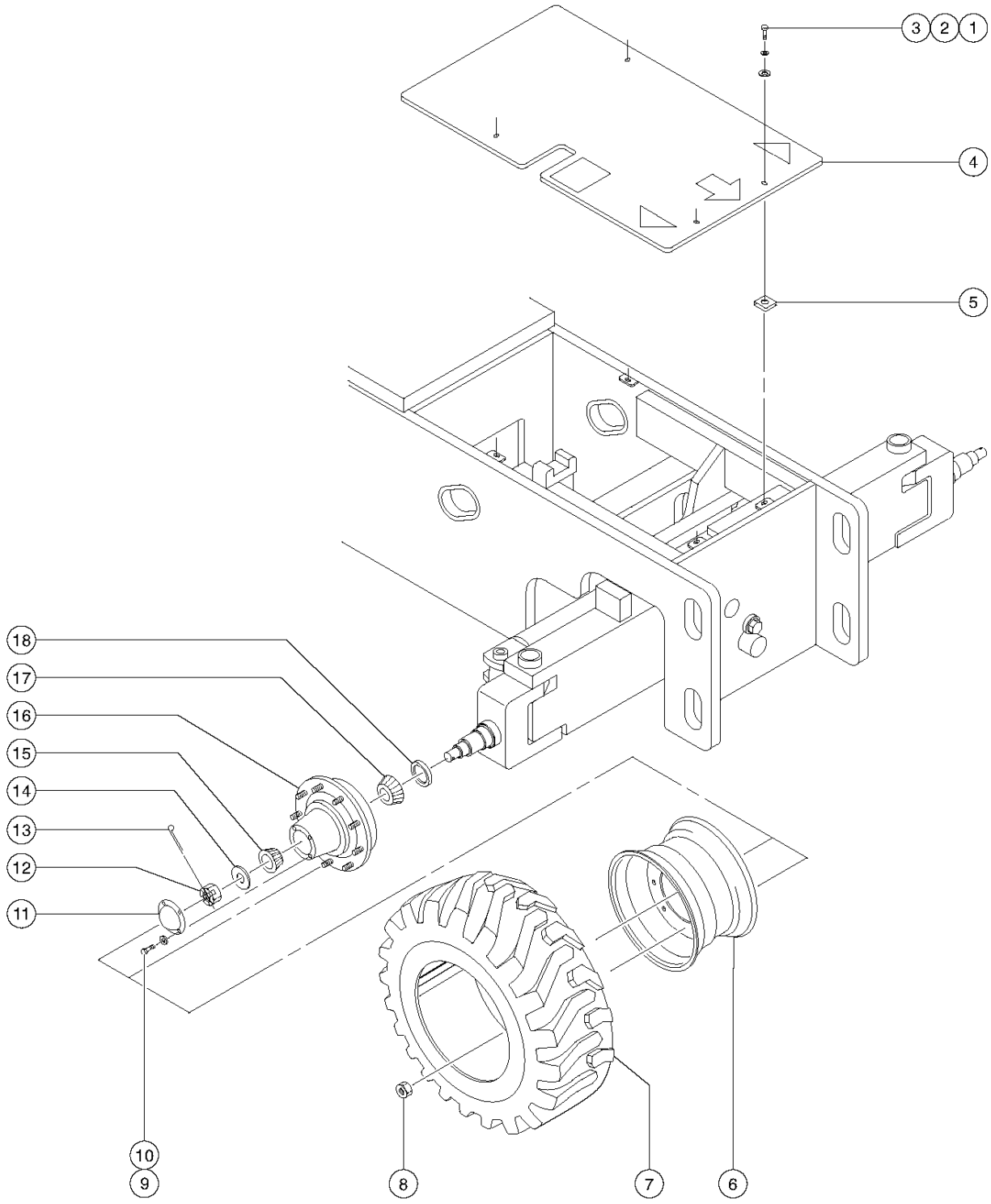
Item	Part No.	Description	Qty.
26	29214GT	YOKE ASSY,2/4WD,R.S.,S60/Z60 includes 2 each index number 20	1
26-	46967GT	YOKE ASSY 2/4WD,R.S.,Z60 from SN 910	
27	25418GT	PIN,KING to SN 909	2
27-	44086GT	PIN,2.50DIAX15.75LG,1HOLE from SN 910	
28	16439GT	SCREW,FHS,3/8-16 X 1	8
29	25416GT	WEAR PAD,OSCILLATING AXLE, S60	2
30	31547GT	SHIM,OSCILLATING AXLE	2
31	25404GT	BLOCK,WEDGE,OSC.AXLE	2
32	63216GT	CYLINDER, OSCILLATING AXLE	1
32-	29186GT	SEAL KIT,25373 OSC.CYL,S60	1
33	29211GT	WELDMENT,ROD END	1
34	27953GT	NUT,HEX,JAM,1.25-7	1
35	29210GT	TIE ROD, WELD. S60	1
36	27695GT	BEARING,FL,1.75IDX1.94ODX1.50L	4
37	25769GT	PIN,OSCILLATING,ROLLR,8 X 1.75	2
38	27656PGT	RETAINER,AXLE ROLLER PIN,PAI	2
39	10587GT	SCREW,HHC,1/2-13 X.75	2
40	6033GT	WASHER,LOCK,0.5"	2

203.1 2WD Steer Axle - Non-oscillating



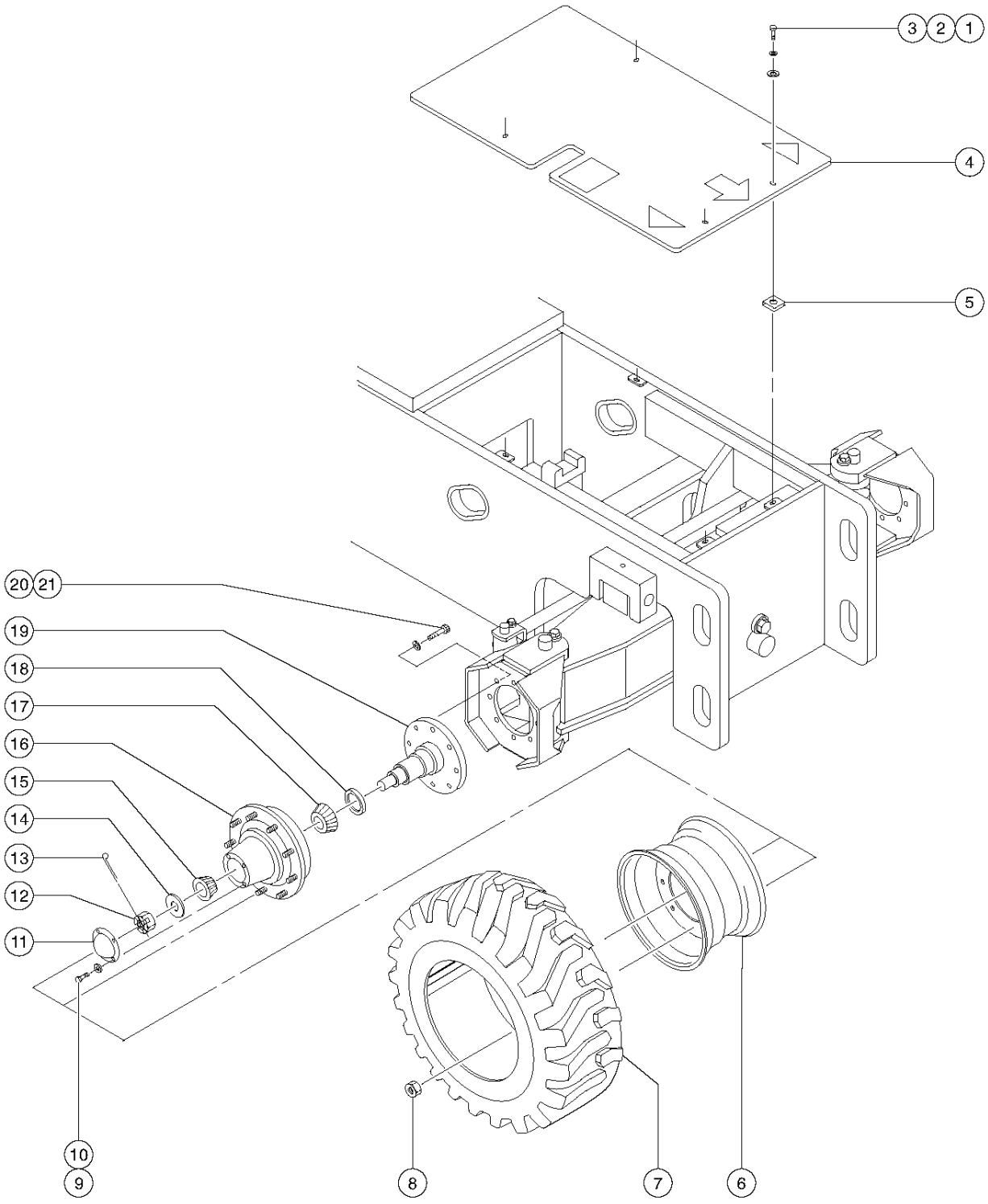
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	4
2	6356GT	WASHER, LOCK, .25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	31088GT	COVER ASSY,DRIVE CHASSIS,STEER	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
6	30124GT	WHEEL,SPLIT RIM	2
6-	73259GT	WHEEL,19.5 X 11.75***	2
6-	73257GT	TIRE & WHEEL ASSY: AIR left side	2
6-	73258GT	TIRE & WHEEL ASSY: AIR right side	2
6-	73260GT	TIRE & WHEEL ASSY,FOAM*** left side	2
6-	73261GT	TIRE & WHEEL ASSY,FOAM*** right side	2
6-		INDUSTRIAL TIRE & WHEEL ASSY,FOAM FILLED (no longer available) component no longer available	
7	30403GT	TIRE,32 X 12 - 15 NHS industrial tire	2
7-	30404GT	INNER TUBE	2
7-	30420GT	WHEEL RIM, FLAP	2
7-	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2
8	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
9	13002GT	SCREW,HHC,5/16-18 X 1 GR5	8
10	6886GT	WASHER,LOCK,.313	8
11	53985GT	CAP, DUST	2
12	53989GT	NUT,CASTLE, 1-1/4 - 12 UNF	2
13	53990GT	PIN, COTTER, 732 DIA	2
14	53988GT	WASHER, PLATE	2
15	53987GT	OUTER BEARING	1
16		Contact service department	2
16-	53994GT	STUD, HUB, 5/8-18 X 2 1/2	
16-	53993GT	KIT,BEARING, Z60	
17	53986GT	INNER BEARING	1

203.1 2WD Steer Axle - Non-oscillating



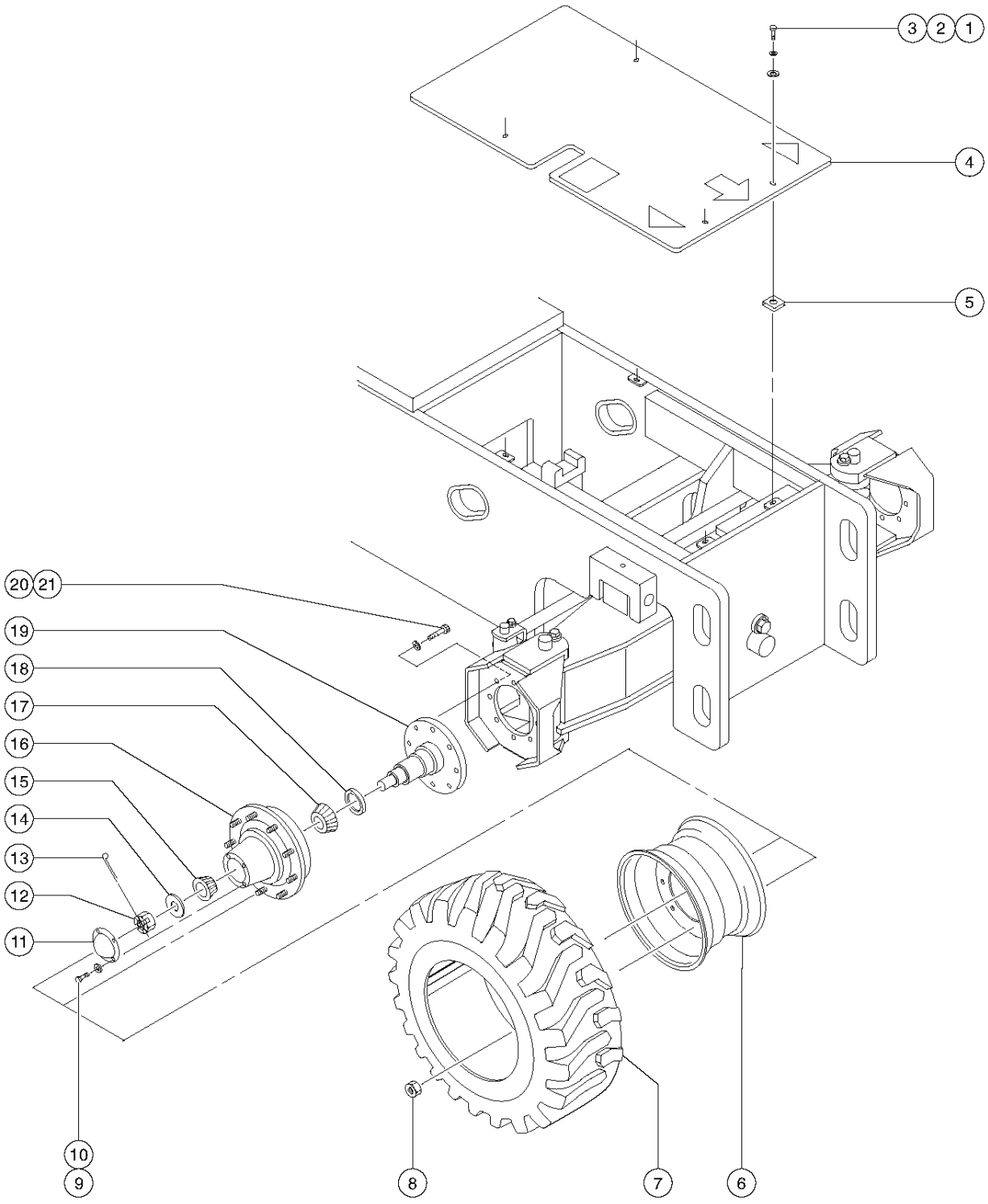
Item	Part No.	Description	Qty.
18	53991GT	SEAL, GREASE	1

204.1 2WD Steer Axle - Oscillating



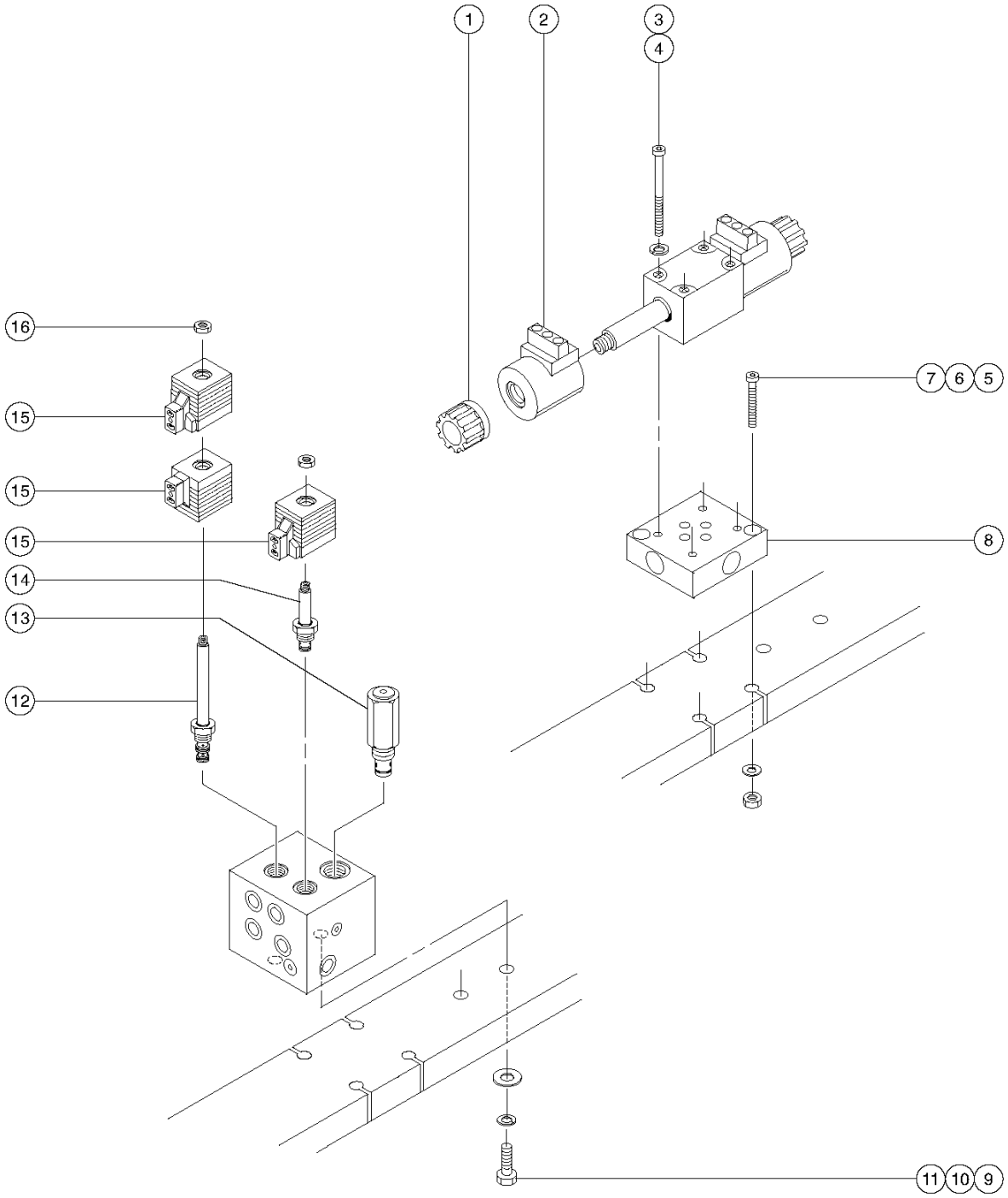
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	4
2	6356GT	WASHER, LOCK, .25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	31088GT	COVER ASSY,DRIVE CHASSIS,STEER	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
6	30124GT	WHEEL,SPLIT RIM	2
6-	73259GT	WHEEL,19.5 X 11.75***	2
6-	73257GT	TIRE & WHEEL ASSY: AIR left side	2
6-	73258GT	TIRE & WHEEL ASSY: AIR right side	2
6-	73260GT	TIRE & WHEEL ASSY,FOAM*** left side	2
6-	73261GT	TIRE & WHEEL ASSY,FOAM*** right side	2
6-		INDUSTRIAL TIRE & WHEEL ASSY,FOAM FILLED (no longer available) component no longer available	
7	30403GT	TIRE,32 X 12 - 15 NHS industrial tire	2
7-	30404GT	INNER TUBE	2
7-	30420GT	WHEEL RIM, FLAP	2
7-	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2
8	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
9	13002GT	SCREW,HHC,5/16-18 X 1 GR5	8
10	6886GT	WASHER,LOCK,.313	8
11	53985GT	CAP, DUST	2
12	53989GT	NUT,CASTLE, 1-1/4 - 12 UNF	2
13	53990GT	PIN, COTTER, 732 DIA	2
14	53988GT	WASHER, PLATE	2
15	53987GT	OUTER BEARING	1
16		Contact service department	2
16-	53994GT	STUD, HUB, 5/8-18 X 2 1/2	
16-	53993GT	KIT,BEARING, Z60	
17	53986GT	INNER BEARING	1

204.1 2WD Steer Axle - Oscillating



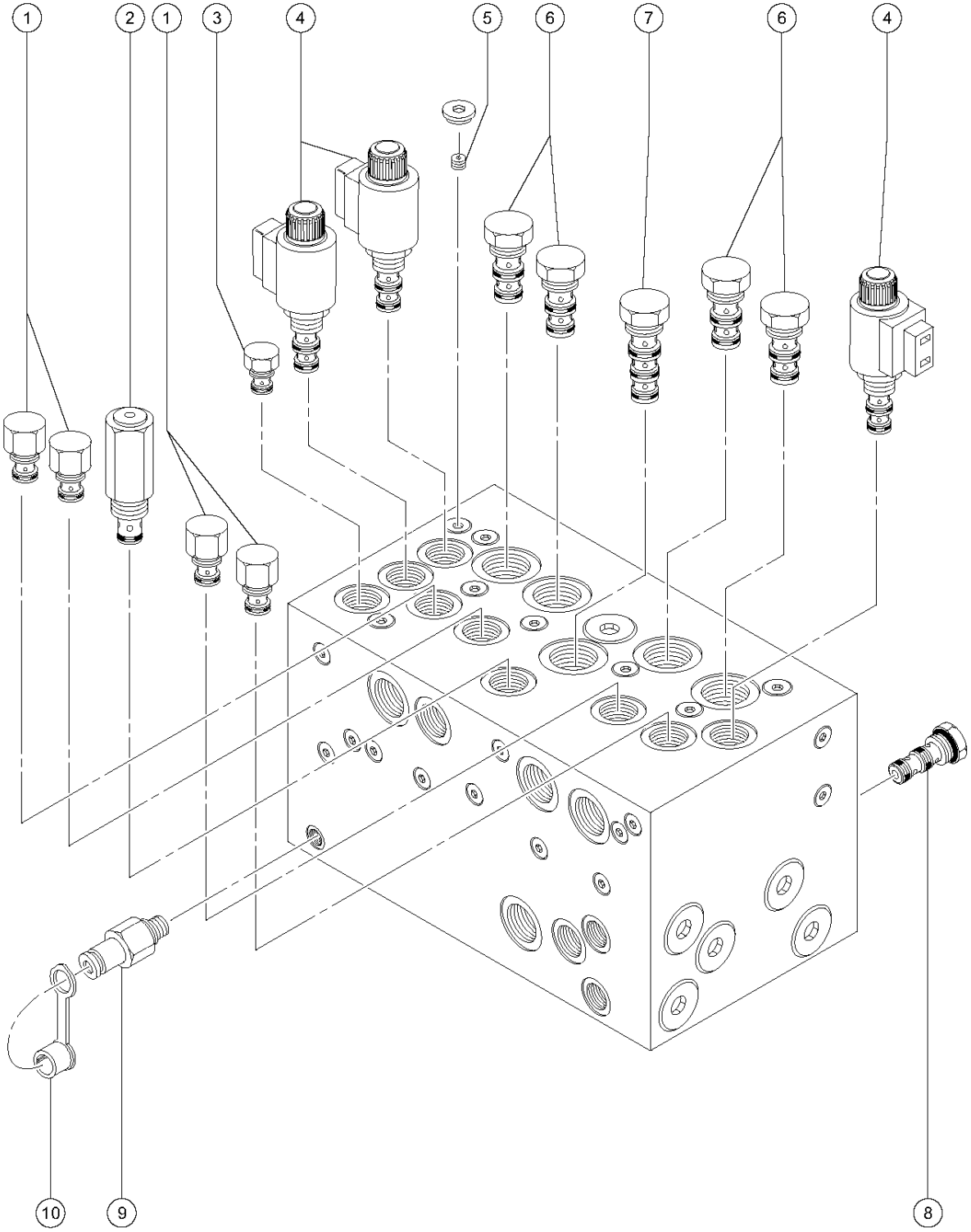
Item	Part No.	Description	Qty.
18	53991GT	SEAL, GREASE	1
19	29891-SGT	SPINDLE WELDMENT	2
20	45066GT	SCREW,SHC,5/8-11 X 2.25	24
21	13064GT	WASHER,FLAT,.625 HARDENED	24

205.1 2WD Steer Manifold and Steer / Oscillation Manifold



Item	Part No.	Description	Qty.
	31778GT	STEER MANIFOLD ASSEMBLY includes index numbers 1-4 and 8	
	32636GT	MANIFOLD,STEER/OSCILLATION*** includes index numbers 12-16	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48649GT	NUT-D03 COIL	2
2	223763GT	COIL WITH DE CONNECTOR	2
3	43255GT	SCREW,SHC,10-24 X 2	4
4	6607GT	WASHER,LOCK,#10 PLTD	4
5	30444GT	SCREW,SHC,1/4-20 X 2	2
6	6638GT	WASHER, FLAT, USS, 1/4"Y	2
7	6091GT	NUT,NYLOCK,1/4-20	2
8	24675GT	SUB PLATE (SPOOL VALVE)	1
9	6175GT	SCREW,HHC,3/8-16 X 1	2
10	6021GT	WASHER, LOCK, .375	2
11	5397GT	WASHER, FLAT, USS, 5/16-18	2
12	48684GT	VALVE, SOLENOID, 10V	1
13	65443GT	VALVE-RELIEF, 250 PSI (32636)	1
14	52034GT	VALVE,SOLENOID,2 POS-4 WAY-10V	1
15	29744GT	COIL,10V	3
16	52943GT	NUT, SOLENOID VALVE COIL	2

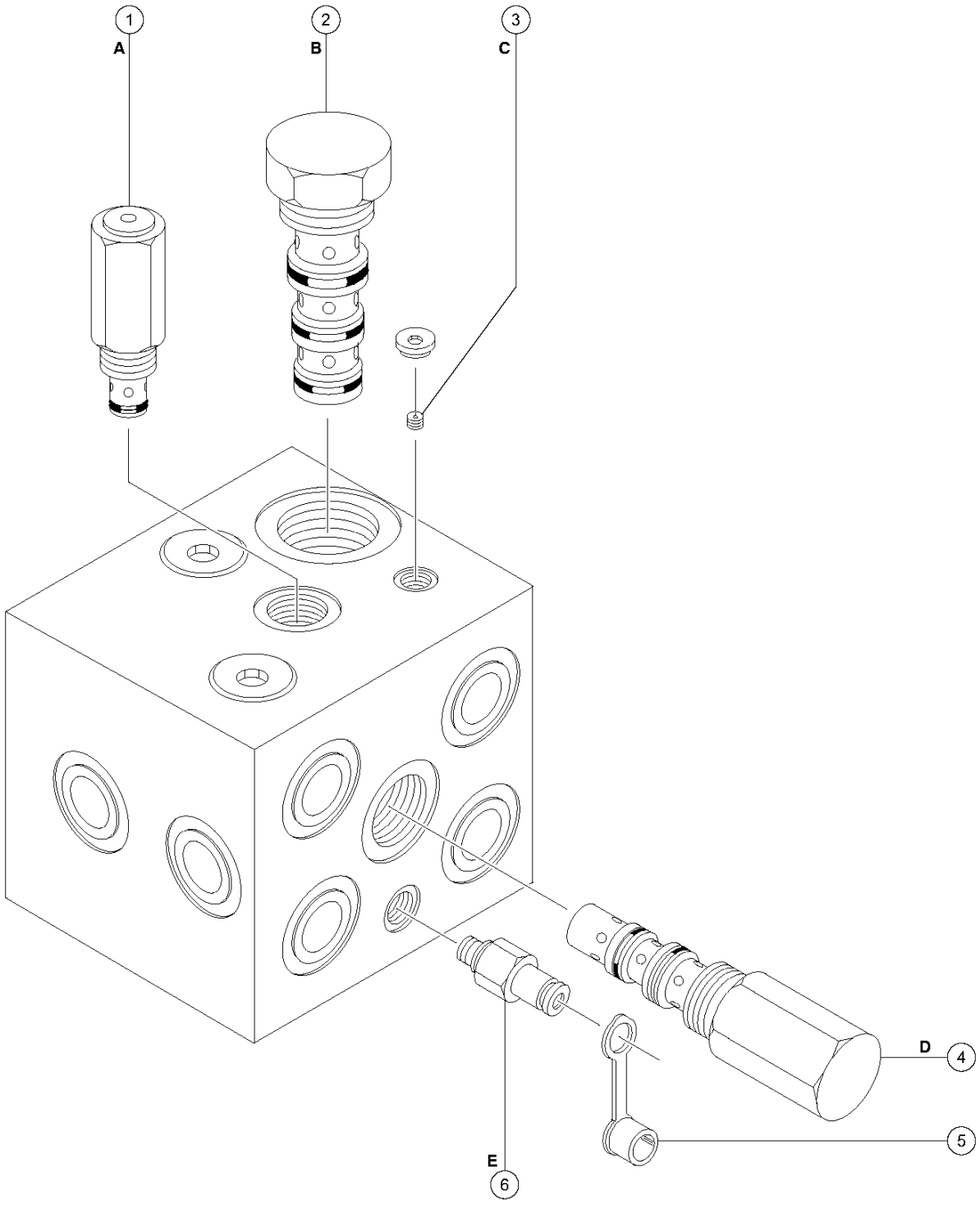
206.1 2WD Drive Manifold (to SN 670)



206.1 2WD Drive Manifold (to SN 670)

Item	*Part No.*	*Description*	*Qty.*
	25506GT	MANIFOLD,TRACTION,2WD Complete to SN 670	
	25375GT	KIT, O-RING	
1	27766GT	VALVE,FLOW REGULATOR	4
1-	110194GT	SEAL KIT, VALVE, #10	
2	27760GT	VALVE,RELIEF	1
3	27759GT	VALVE,CHECK	1
4	29066GT	VALVE,SOLENOID,10V,2POS 3WAY**	3
4-	27814GT	COIL,SOLENOID,10V	3
4-	45912GT	NUT,SOLENOID VALVE 2P3W	3
5	29294GT	PLUG,ORIFICE,.025"	1
6	27763GT	VALVE,PILOT TO OPEN CHECK	4
7	27761GT	VALVE,SHUTTLE	1
8	45483GT	VALVE,SHUTTLE***	1
9	48997GT	NIPPLE,DIAGNOSTIC,#4	1
9-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
10	48880GT	CAP,DIAGNOSTIC NIPPLE	1

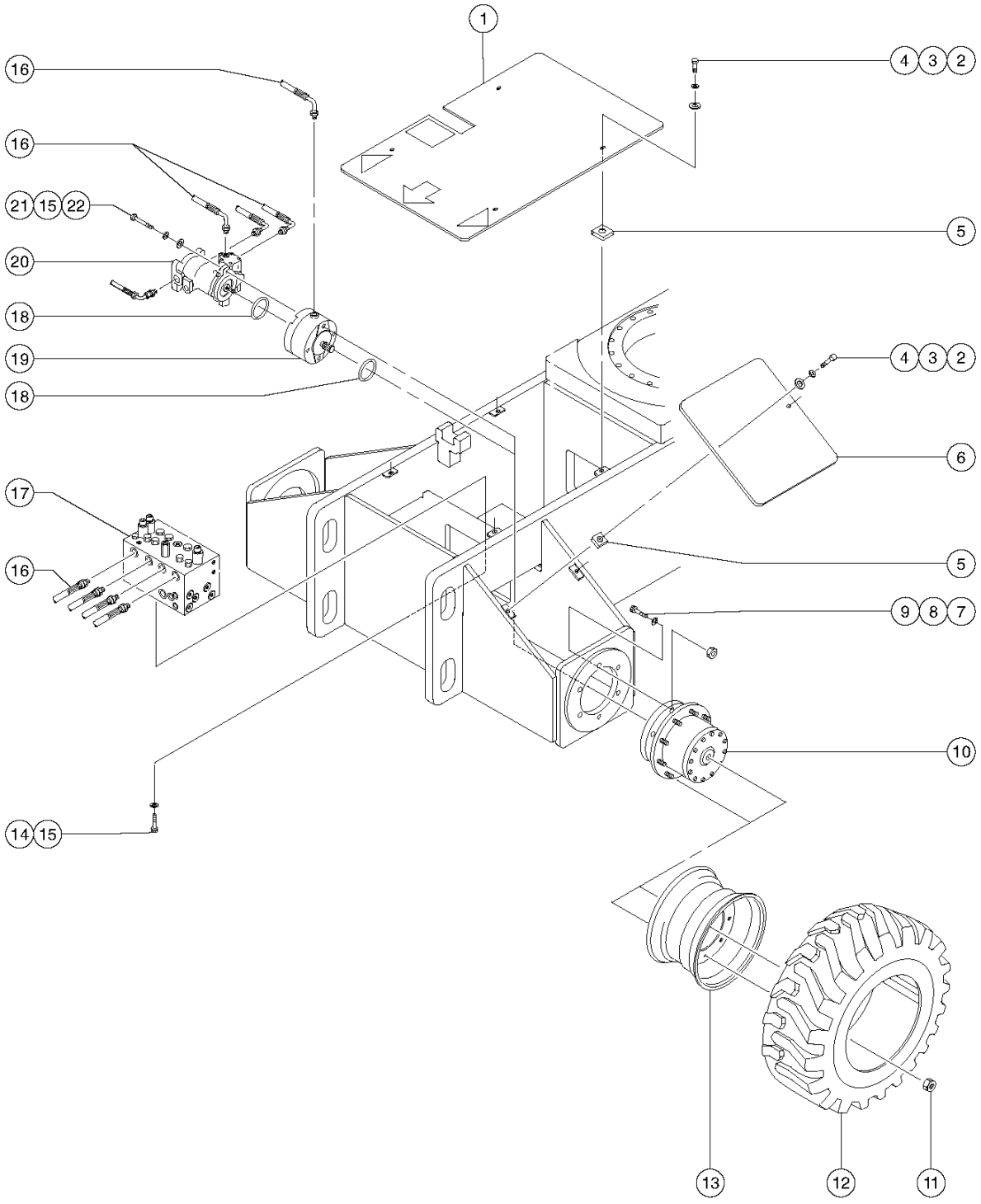
206.2 2WD Drive Manifold (from SN 671)



206.2 2WD Drive Manifold (from SN 671)

Item	Part No.	Description	Qty.
	34448GT	TRACTION MANIFOLD,2WD*** includes index numbers 1 through 4	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	43597GT	VALVE,RELIEF,210 PSI	1
2	52726GT	VALVE,FLOW DIVIDER/COMBINER	1
3	33520GT	PLUG,ORIFICE,0.070	1
4	27761GT	VALVE,SHUTTLE	1
5	48880GT	CAP,DIAGNOSTIC NIPPLE	1
6	48997GT	NIPPLE,DIAGNOSTIC,#4	1
6-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
A		Relief Valve Charge Pressure Circuit	
B		Flow Divider/Combiner Valve Controls Flow to Drive Motors in Forward and Reverse	
C		Orifice - Plug, 0.070 inch (1.38 cm) Drive Circuit	
D		Valve - Shuttle, 3 postion 3 way Charge Pressure, Hot Oil Shuttle	
E		Diagnostic Fitting Testing	

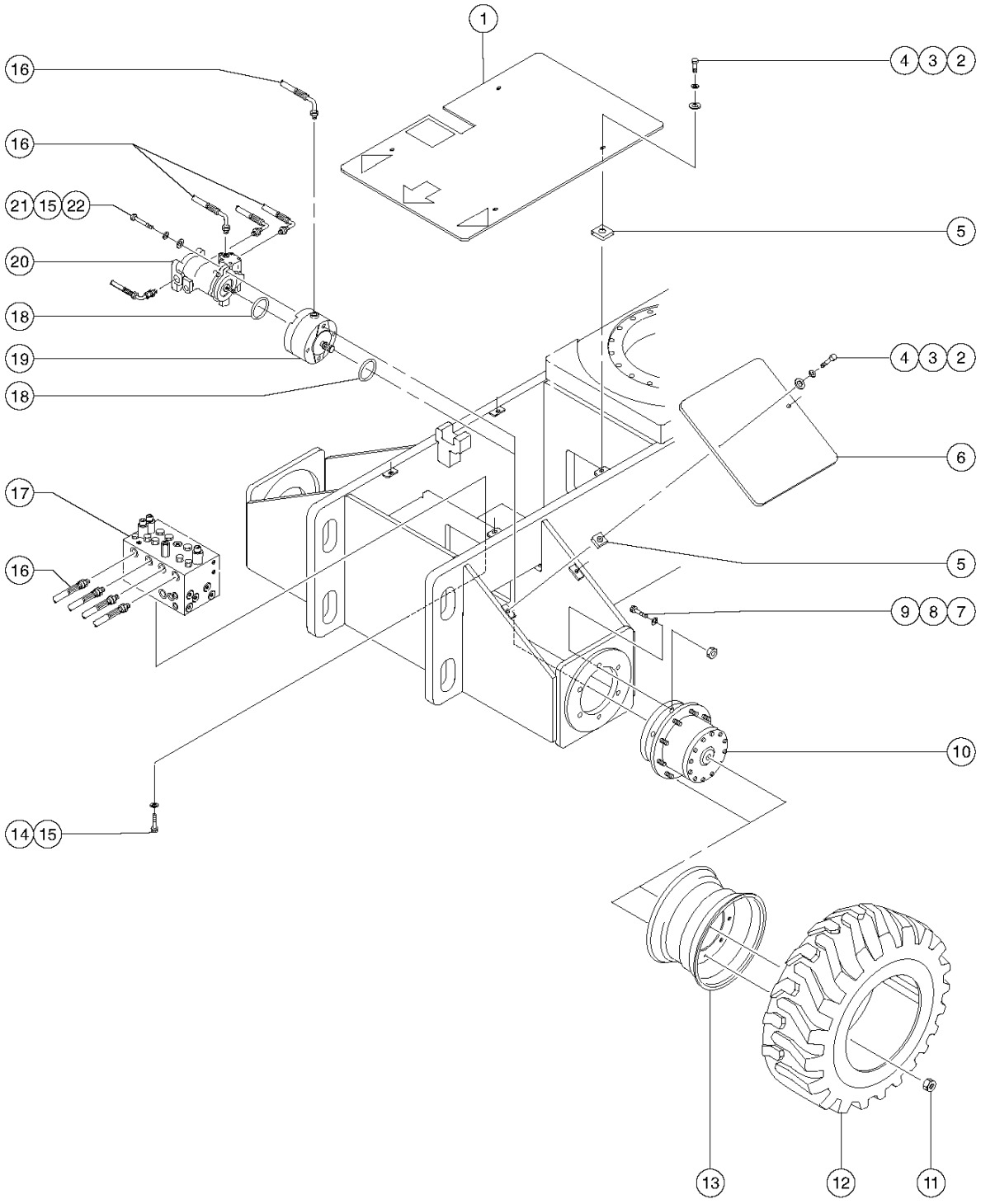
207.1 2WD Non-steer Axle (to SN 670)



207.1 2WD Non-steer Axle (to SN 670)

Item	Part No.	Description	Qty.
1	31089GT	COVER ASSY, CHASSIS,DRIVE	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	8
3	6356GT	WASHER, LOCK, .25	8
4	6638GT	WASHER, FLAT, USS, 1/4"Y	8
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	8
6	30302PGT	COVER,DRIVE CHASS,AXLE,PAINT	2
7	45495GT	SCREW,SHC,5/8-11 X 3.00,A574	12
8	13064GT	WASHER,FLAT,.625 HARDENED	12
9	45076GT	NUT,HEX,JAM,5/8-11	12
10	29231GT	TORQUE HUB,49:1	2
10-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	2
10-	29288GT	SEAL KIT,FAIRFIELD,W2B2	2
10-	226099GT	THRUST WASHER (29231)	
10-	226100GT	BEARING NUT (29231)	
11	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
12	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2
12-	30403GT	TIRE,32 X 12 - 15 NHS industrial tire	2
12-	30404GT	INNER TUBE	2
12-	30420GT	WHEEL RIM, FLAP	2
12-	73257GT	TIRE & WHEEL ASSY: AIR left side	2
12-	73258GT	TIRE & WHEEL ASSY: AIR right side	2
12-	73260GT	TIRE & WHEEL ASSY,FOAM*** left side	2
12-	73261GT	TIRE & WHEEL ASSY,FOAM*** right side	2
12-		INDUSTRIAL TIRE & WHEEL ASSY,FOAM FILLED (no longer available) component no longer available	2
13	73259GT	WHEEL,19.5 X 11.75***	2
14	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	3
15	6033GT	WASHER,LOCK,0.5"	7
16		Ref. Hydraulic Hoses & Fittings (refer to figures 208.1 or 209.1)	7

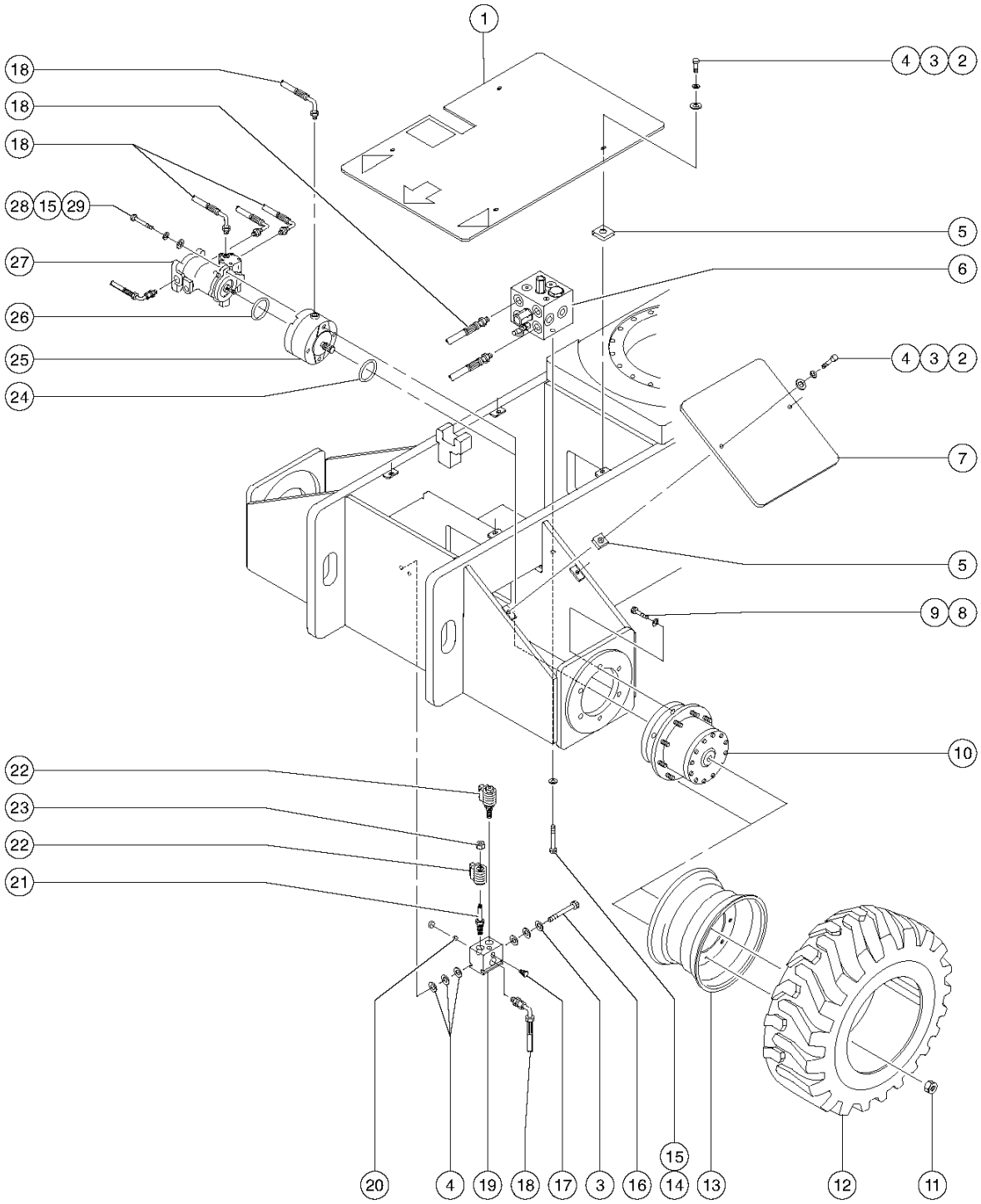
207.1 2WD Non-steer Axle (to SN 670)



207.1 2WD Non-steer Axle (to SN 670)

Item	*Part No.*	*Description*	*Qty.*
17		Ref. 2WD Drive Manifold (refer to figure 206.1 or 206.2)	7
18	22811GT	O-RING,MOTOR TO BRAKE***	4
19	29230PGT	BRAKE,MICO,PAINTED-S60 DRIVE includes index number 18	2
19-	29291GT	SEAL KIT,MICO	2
19-	29292GT	BRAKE,LINING KIT,MICO	2
19-	29293GT	BEARING KIT,MICO	2
20	29280GT	DRIVE MOTOR REAR,2WD/11 DEGREE includes index number 18	2
20-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	2
21	22786GT	SCREW,HHC,1/2-13 X 5.5	4
22	13066GT	WASHER,FLAT,.5 HARDENED	4

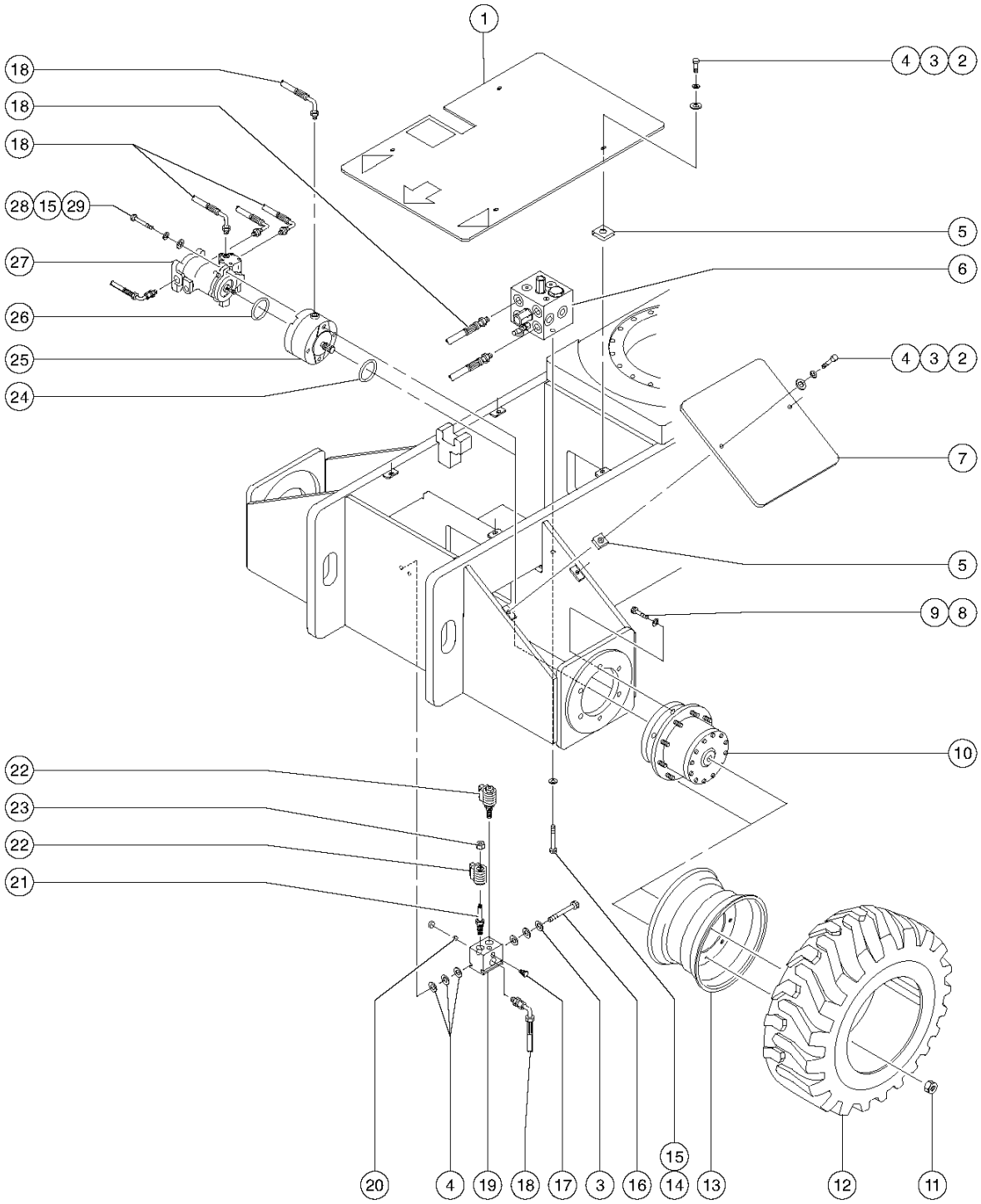
207.2 2WD Non-steer Axle (to SN 670)



207.2 2WD Non-steer Axle (to SN 670)

Item	Part No.	Description	Qty.
1	31089GT	COVER ASSY, CHASSIS,DRIVE	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	8
3	6356GT	WASHER, LOCK, .25	10
4	6638GT	WASHER, FLAT, USS, 1/4"Y	18
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	8
6	34448GT	TRACTION MANIFOLD,2WD***	8
7	30302P-SGT	COVER,DRIVE CHASSIS,AXLE,PAINT	2
8	45495GT	SCREW,SHC,5/8-11 X 3.00,A574	12
9	42191GT	WASHER,FLAT,.640X1.160X.09	12
10	29231GT	TORQUE HUB,49:1	2
10	29288GT	SEAL KIT,FAIRFIELD,W2B2	2
10	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	2
10	65445GT	BEARING & RACE KIT(29231)/Z60	2
10	65446GT	COVER - END,TORQUE HUB (29231)	2
10	65447GT	O-RING - TORQUE HUB END COVER	2
10	65448GT	WASHER,THRUST-TORQUE HUB-29231	2
10	21146GT	COVER CAP,TORQUE HUB***	2
10	21144GT	CAP,DISENGAGE-45553 TORQUE HUB	2
10	21145GT	DISCONNECT ROD-45553 TQ.HUB	2
10-	226099GT	THRUST WASHER (29231)	
10-	226100GT	BEARING NUT (29231)	
11	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
12	73257GT	TIRE & WHEEL ASSY: AIR left side	2
12	73258GT	TIRE & WHEEL ASSY: AIR right side	2
12	73260GT	TIRE & WHEEL ASSY,FOAM*** left side	2
12	73261GT	TIRE & WHEEL ASSY,FOAM*** right side	2
12		INDUSTRIAL TIRE & WHEEL ASSY,FOAM FILLED (no longer available) component no longer available	2
12	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2

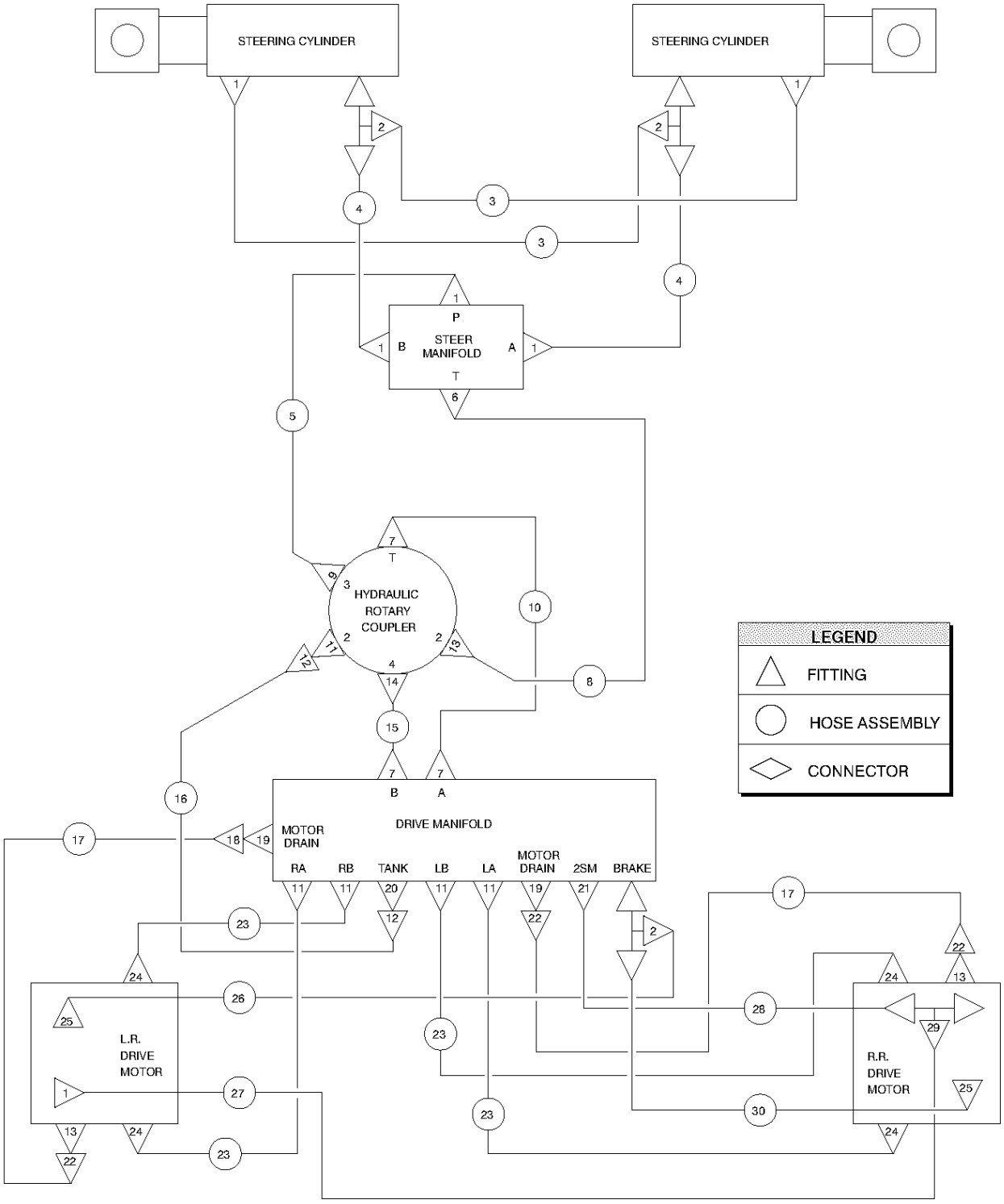
207.2 2WD Non-steer Axle (to SN 670)



207.2 2WD Non-steer Axle (to SN 670)

Item	Part No.	Description	Qty.
12	30403GT	TIRE,32 X 12 - 15 NHS industrial tire	2
12	30404GT	INNER TUBE	2
12	30420GT	WHEEL RIM, FLAP	2
13	73259GT	WHEEL,19.5 X 11.75***	2
13	30124GT	WHEEL,SPLIT RIM	2
14	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	2
15	6033GT	WASHER,LOCK,0.5"	6
16	6115GT	SCREW,HHC,1/4-20 X 3.5	2
17	43599GT	VALVE,CHECK	1
17-	110200GT	SEAL KIT, VALVE, #4	
18		Ref. Hydraulic Hoses and Fittings (refer to Figure 207.1 or 208.1)	1
19	42157GT	MANIFOLD,BRAKE/MOTOR SHIFT includes index numbers 17 and 20 through 23	1
20	32669GT	ORIFICE PLUG,.025 (30551)	1
21	65766GT	VALVE,SOLENOID,10V W/DIODE*** includes index numbers 22 and 23	2
22	43601GT	COIL,SOLENOID VLV,10V W/ DIODE	2
23	52943GT	NUT, SOLENOID VALVE COIL	2
24	52087GT	O-RING,2-044 BUNA***	2
25	41914GT	BRAKE,MICO,1400 IN.LBS. **	2
25	41921GT	SEAL KIT,BRAKE,MICO	2
25	41918GT	LINING KIT,MICO BRAKE	2
25	41922GT	BEARING KIT,BRAKE,MICO	2
26	22811GT	O-RING,MOTOR TO BRAKE***	2
27	29280GT	DRIVE MOTOR REAR,2WD/11 DEGREE	2
27	29739GT	SEAL KIT,SAUER-DANFOSS M46***	2
28	22786GT	SCREW,HHC,1/2-13 X 5.5	4
29	13066GT	WASHER,FLAT,.5 HARDENED	4

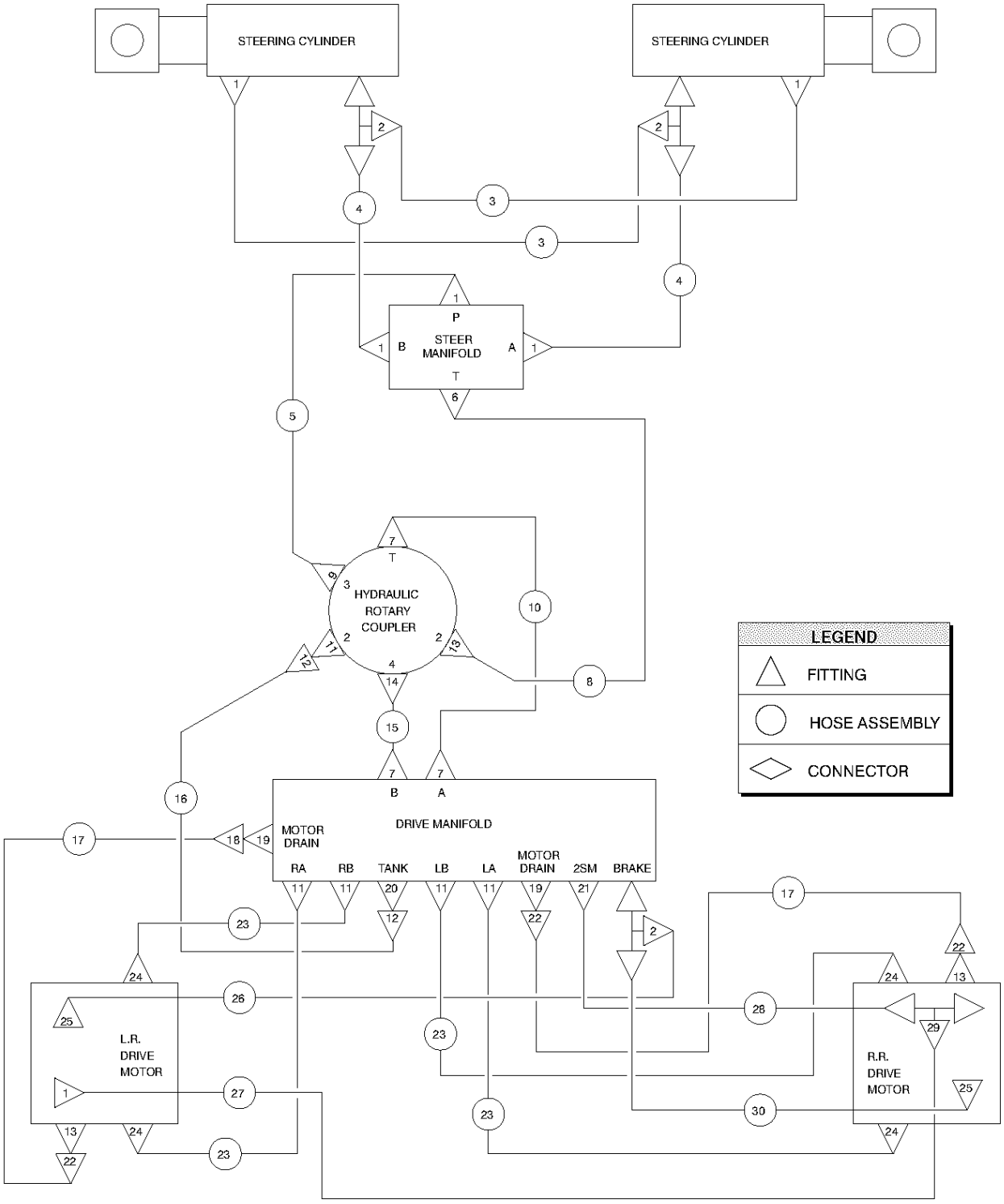
208.1 2WD Hydraulic Hoses and Fittings - Non-oscillating Axle (to SN 909)



208.1 2WD Hydraulic Hoses and Fittings - Non-oscillating Axle (to SN 909)

Item	Part No.	Description	Qty.
1	13120GT	ELBOW,070220-6-6	6
2	28444GT	TEE,RUN,070428-6-6	3
3	30440GT	HOSE ASSY,22"	2
4	30442GT	HOSE ASSY,16"	2
5	30443GT	HOSE ASSY,46"	1
6	45412GT	CONNECTOR,070120-6-6	1
7	27164GT	CONNECTOR,070120-12-16	3
8	30441GT	HOSE ASSY,47"	1
9	28448GT	ELBOW,070220-6-8	1
10	31468GT	HOSE ASSY,42"	1
11	19687GT	CONNECTOR,070120-12-12	5
12	45170GT	HOSE END,BARBED,SWIVEL,-12-12	2
13	25951GT	ELBOW,070220-8-12	3
14	22099GT	ELBOW,070320-12-12	1
15	31463GT	HOSE ASSY,23"	1
16	31460GT	HOSE,47"	1
17	31461GT	HOSE,31"	2
18	28597GT	HOSE END,BARBED,SWIVEL,90DEG-8	1
19	45703GT	CONNECTOR,070120-8-8	2
20	20925GT	ELBOW,070220-12-12	1
21	45412GT	CONNECTOR,070120-6-6	1
22	20324GT	HOSE END,BARBED,SWIVEL,-8-8	3
23	30436GT	HOSE ASSY,32"	4
24	20332GT	ELBOW,070220-12-16	4
25	13921GT	ELBOW,070220-4-4	2
26	31458GT	HOSE ASSY,46"	1
27	31459GT	HOSE ASSY,50"	1
28	31462GT	HOSE ASSY,33"	1

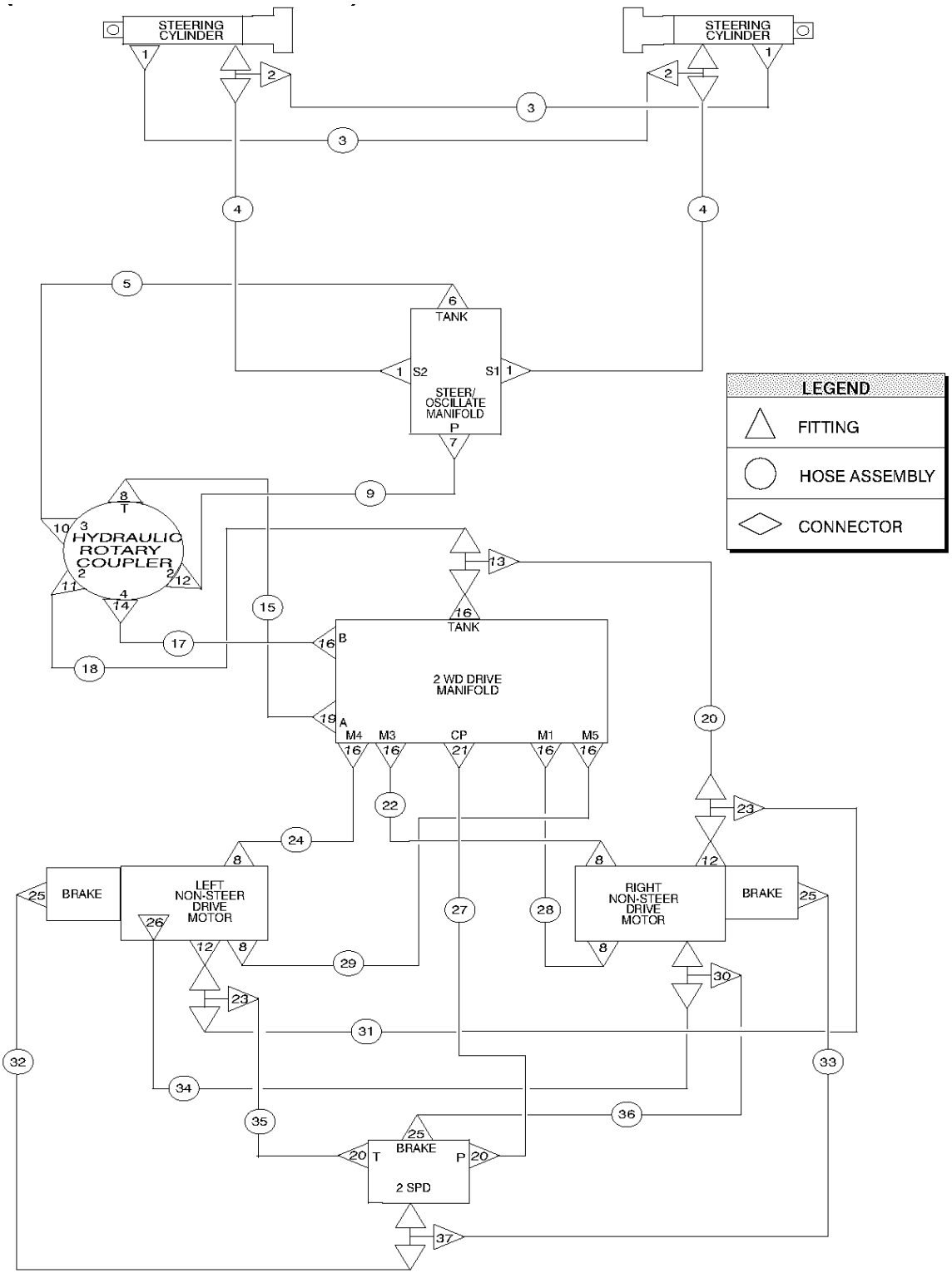
208.1 2WD Hydraulic Hoses and Fittings - Non-oscillating Axle (to SN 909)



208.1 2WD Hydraulic Hoses and Fittings - Non-oscillating Axle (to SN 909)

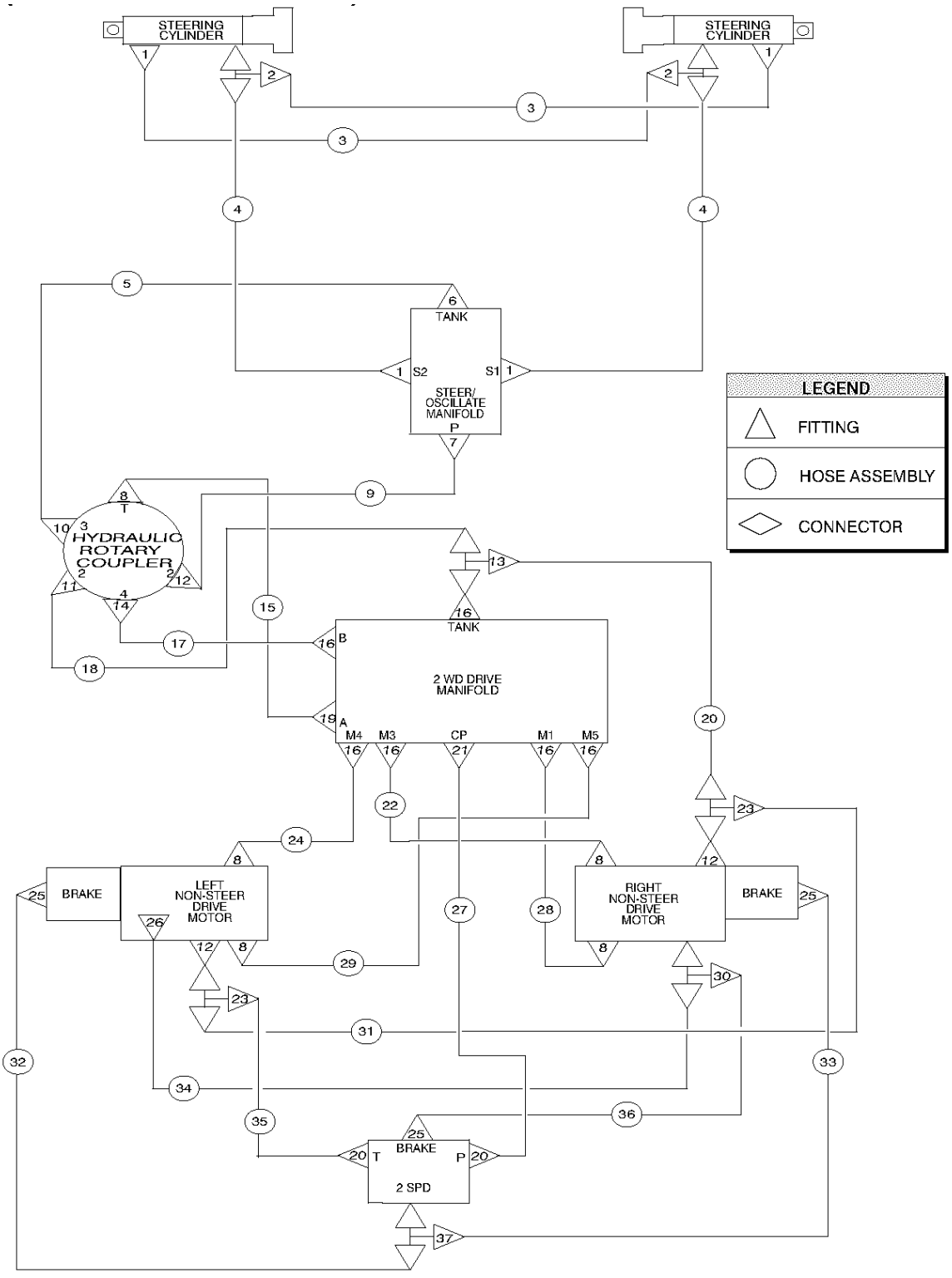
Item	*Part No.*	*Description*	*Qty.*
29	23802GT	TEE,RUN,070428-4-4	1
30	31457GT	HOSE ASSY,38"	1

208.2 2WD Hydraulic Hoses and Fittings - Non-oscillating Axle (from SN 910)



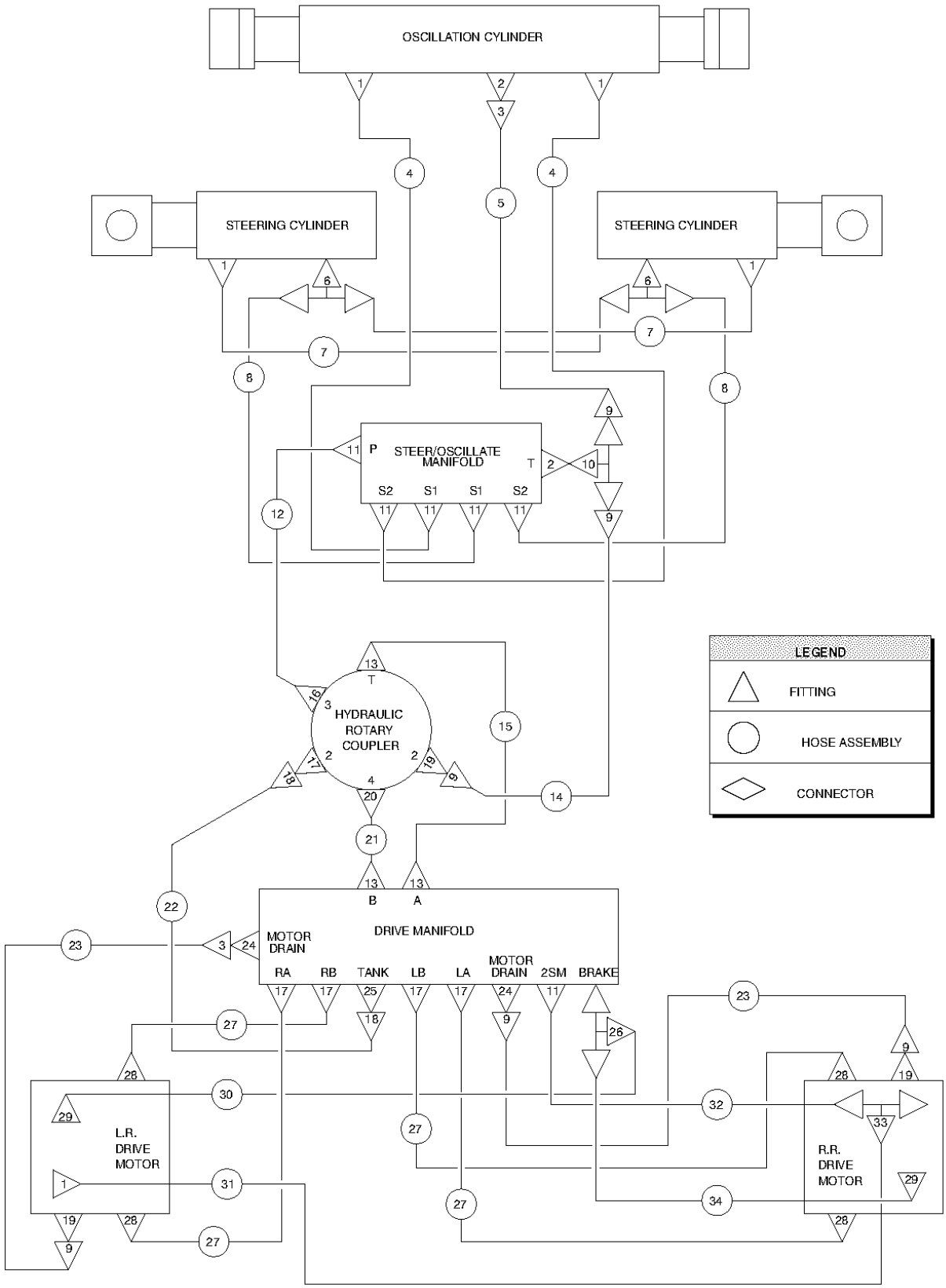
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48915GT	ELBOW,90D,520220-6	4
2	48919GT	TEE,BRANCH,520429-6	2
3	49128-2709GT	HOSE ASSEMBLY,3/8	2
4	49130-2957GT	HOSE ASSEMBLY,3/8	2
5	49135-4664GT	HOSE ASSEMBLY,3/8	1
6	48942GT	ELBOW, 90, 24 C5OLO-S	1
7	48916GT	CONN, 520120-6	5
8	48977GT	CONN,520120-12-16	4
9	49167-3029GT	HOSE ASSEMBLY,1/2	1
10	48929GT	FITTING,ELBOW,90D,520220-6-8	2
11	48959GT	FITTING,ELBOW,90D,520220-12	1
12	48947GT	ELBOW,90D,520220-8-12	3
13	48964GT	TEE,RUN,SWIVEL,520432-12	1
14	48963GT	FITTING,ELBOW,45D,520320-12***	1
15	49156-4506-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
16	48960GT	FITTING,CONN,520120-12***	14
17	49156-3056-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
18	49151-2323-SGT	HOSE ASSY,3/4,STR FEM,STR FEM	1
19	48959GT	FITTING,ELBOW,90D,520220-12	2
20	48905GT	CONNECTOR, 520120-4	3
21	49142-4087-SGT	HOSE ASSEMBLY,1/2"	1
22	49156-2975-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
23	48938GT	FITTING,TEE,RUN,SWIVEL520432-8	2
24	49156-2656-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
25	48904GT	ELBOW, 90D, 520220-4	3
26	48911GT	ELBOW,90D,520220-4-6***	1

208.2 2WD Hydraulic Hoses and Fittings - Non-oscillating Axle (from SN 910)



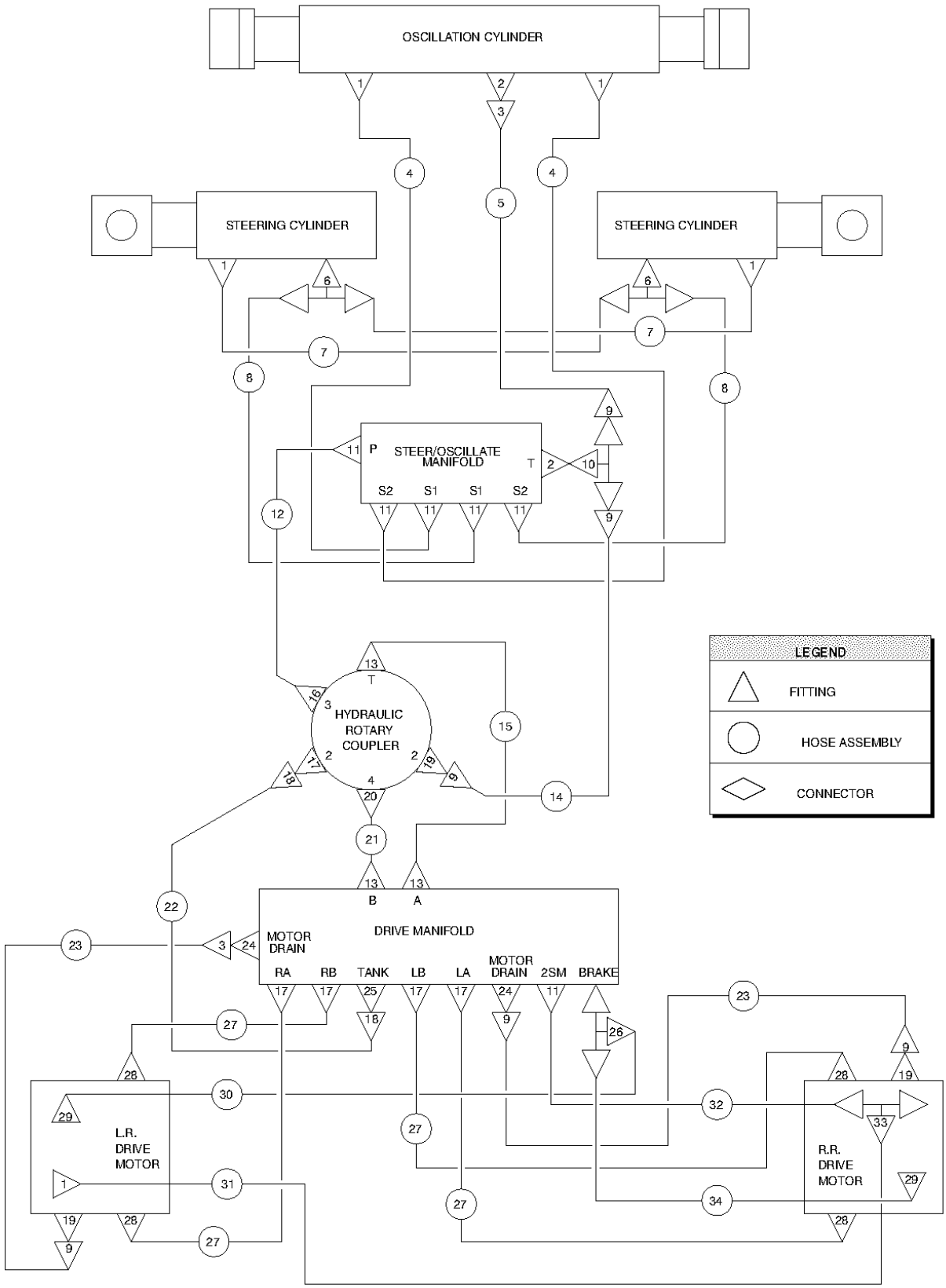
Item	Part No.	Description	Qty.
27	49118-2358-SGT	HOSE ASSEMBLY,1/4	1
28	49156-3331-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
29	49156-4006-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
30	48918GT	TEE,RUN,520428-6	1
31	49143-4029-SGT	HOSE ASSY,1/2,90 FEM,STR FEM	1
32	49119-3028-SGT	HOSE ASSY,1/4,STR FEM,STR FEM	1
33	49119-2978-SGT	HOSE ASSY 1/4,STR FEM,STR FEM	1
34	49120-3581-SGT	HOSE ASSY(2SPD TO L.R.DRV MOTR	1
35	49164-1943-SGT	HOSE ASSEMBLY,1/4	1
36	49118-2858-SGT	HOSE ASSEMBLY,1/4	1
37	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	1

209.1 2WD Hydraulic Hoses and Fittings - Oscillating Axle



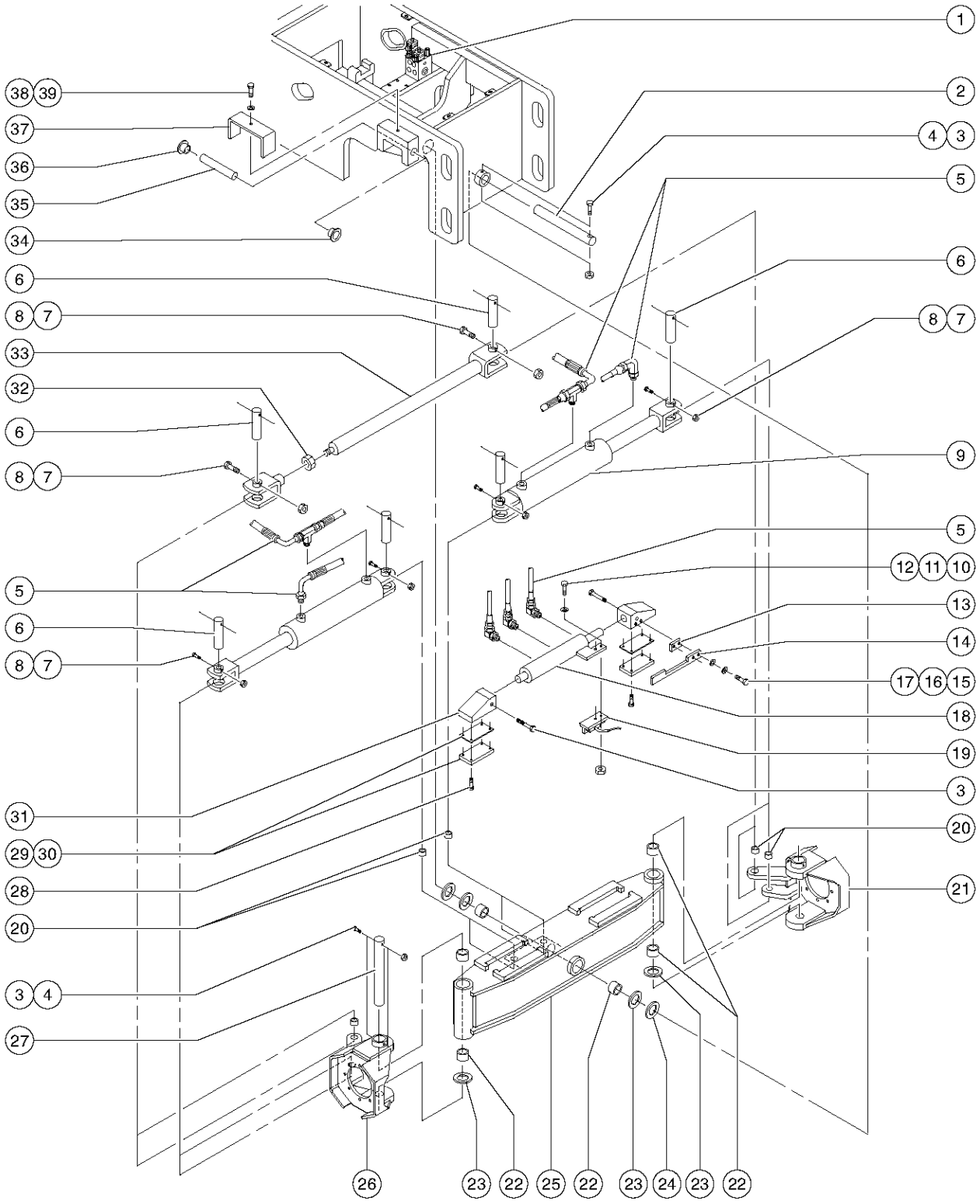
Item	Part No.	Description	Qty.
1	13120GT	ELBOW,070220-6-6	5
2	20923GT	CONNECTOR,070120-8-6	2
3	28597GT	HOSE END,BARBED,SWIVEL,90DEG-8	2
4	30449GT	HOSE ASSY,40"	2
5	30452GT	HOSE ASSY,18"	1
6	45705GT	TEE,BRANCH,070429-6-6	2
7	30450GT	HOSE ASSY,26"	2
8	30448GT	HOSE ASSY,28"	2
9	20324GT	HOSE END,BARBED,SWIVEL,-8-8	6
10	20328GT	TEE,BRANCH,070433-8	1
11	45412GT	CONNECTOR,070120-6-6	6
12	30451GT	HOSE ASSY,42"	1
13	27164GT	CONNECTOR,070120-12-16	3
14	28034GT	HOSE,55"	1
15	31468GT	HOSE ASSY,42"	1
16	28448GT	ELBOW,070220-6-8	1
17	19687GT	CONNECTOR,070120-12-12	5
18	45170GT	HOSE END,BARBED,SWIVEL,-12-12	2
19	25951GT	ELBOW,070220-8-12	3
20	22099GT	ELBOW,070320-12-12	1
21	31463GT	HOSE ASSY,23"	1
22	31460GT	HOSE,47"	1
23	31461GT	HOSE,31"	2
24	45703GT	CONNECTOR,070120-8-8	2
25	20925GT	ELBOW,070220-12-12	1
26	28444GT	TEE,RUN,070428-6-6	1
27	30436GT	HOSE ASSY,32"	4
28	20332GT	ELBOW,070220-12-16	4

209.1 2WD Hydraulic Hoses and Fittings - Oscillating Axle



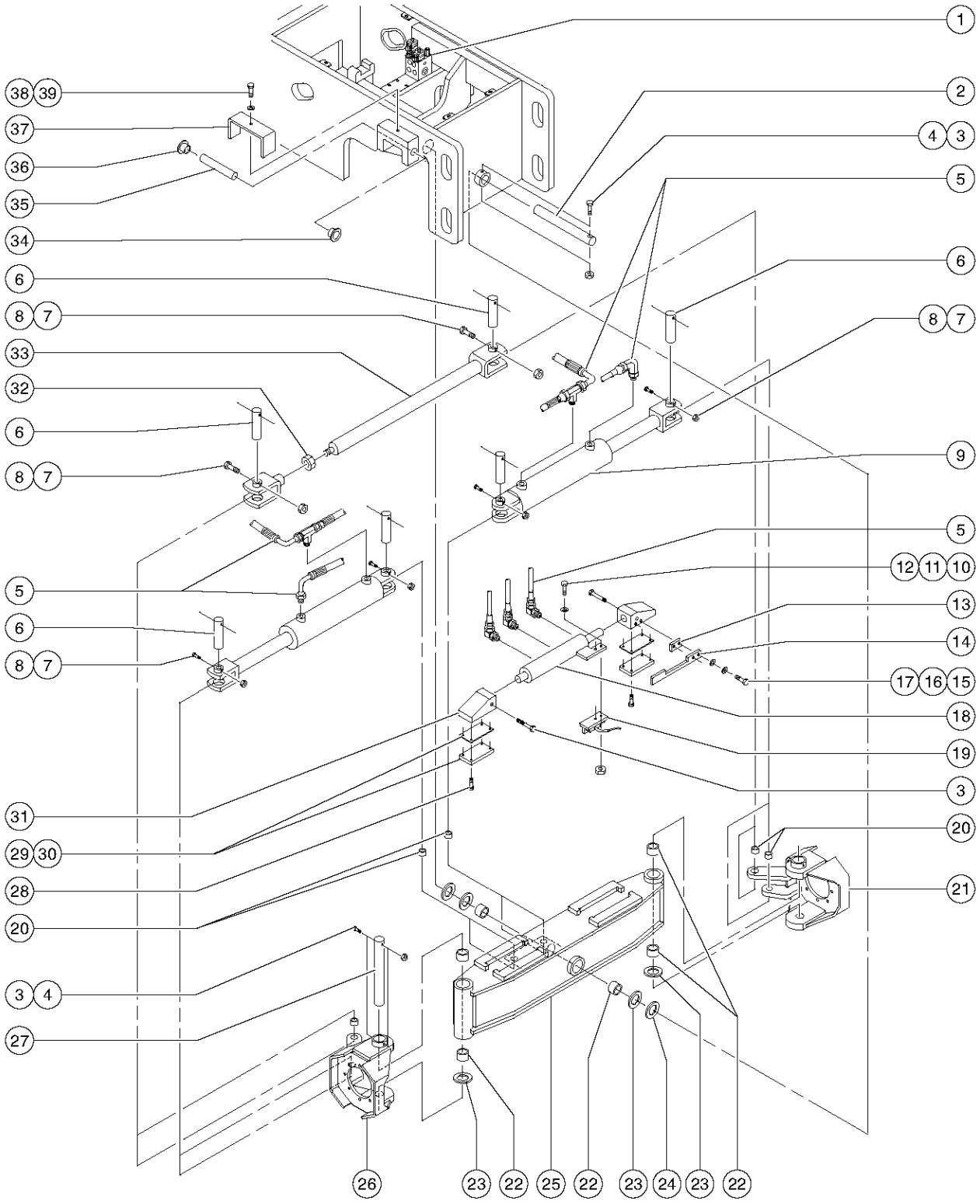
Item	Part No.	Description	Qty.
29	13921GT	ELBOW,070220-4-4	2
30	31458GT	HOSE ASSY,46"	1
31	31459GT	HOSE ASSY,50"	1
32	31462GT	HOSE ASSY,33"	1
33	23802GT	TEE,RUN,070428-4-4	1
34	31457GT	HOSE ASSY,38"	1

301.1 4WD Steer Linkage - Oscillating Axle



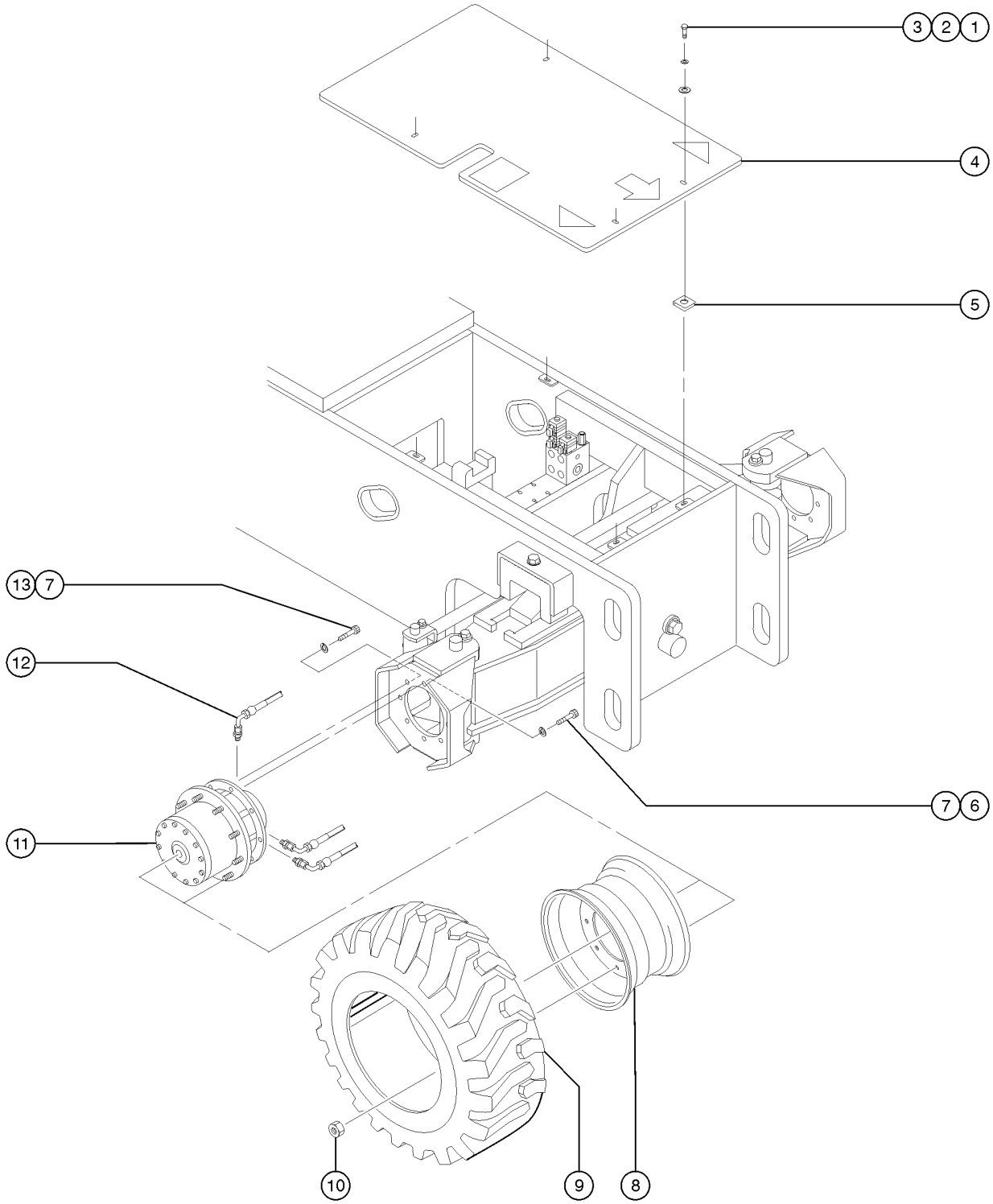
Item	Part No.	Description	Qty.
1		Ref. 4WD Steer / Oscillation Manifold (refer to figure 303.1)	
2	36370GT	PIN,2.50DIAX15.00LG,1HOLE	1
3	8220GT	SCREW,HHC,1/2-13 X 4	5
4	6198GT	NUT, NYLOCK, 1/2-13	3
5		Ref. Hydraulic Hoses & Fittings (refer to figure 306.1)	3
6	25419GT	PIN,STEER	6
7	4828GT	NUT, NYLOCK, 3/8-16	6
8	6708GT	SCREW,HHC,3/8-16 X 2.25	6
9	53462GT	STEER. CYL. RETRO FIT KIT Z60	2
9	29183GT	SEAL KIT,25212,25217,25372,S60	2
10	45645GT	SCREW,RHM,8-32 X .75	2
11	6607GT	WASHER,LOCK,#10 PLTD	2
12	18605GT	NUT,NYLOCK,8-32	2
13	29855PGT	BRACKET,PUSH ROD SWITCH,PAIN	1
14	31266GT	ACTUATOR ASSY,PROX.SWITCH	1
15	6888GT	SCREW, HHC, 1/4-20 X 1	2
16	6356GT	WASHER, LOCK, .25	2
17	6638GT	WASHER, FLAT, USS, 1/4"Y	2
18	63216GT	CYLINDER, OSCILLATING AXLE	1
18-	29186GT	SEAL KIT,25373 OSC.CYL,S60	1
19	33627GT	PROX SWITCH W/INSTALL INST	1
19-	37741GT	BRACKET,PUSH ROD SWITCH	1
19-	6091GT	NUT,NYLOCK,1/4-20	2
20	27694GT	BEARING,1.25 ID X 1.41 OD X 1"	6
21	29213GT	YOKE ASSY,2/4WD,L.S.,S60/Z60 to SN 909	1
21-	46966GT	YOKE ASSY 2/4WD,L.S.,Z60 from SN 910	
22	27698GT	BEARING,2.50IDX2.75ODX2.00L	6
23	25436GT	WASHER,THRUST,2.56 X 4.0 X.18	4

301.1 4WD Steer Linkage - Oscillating Axle



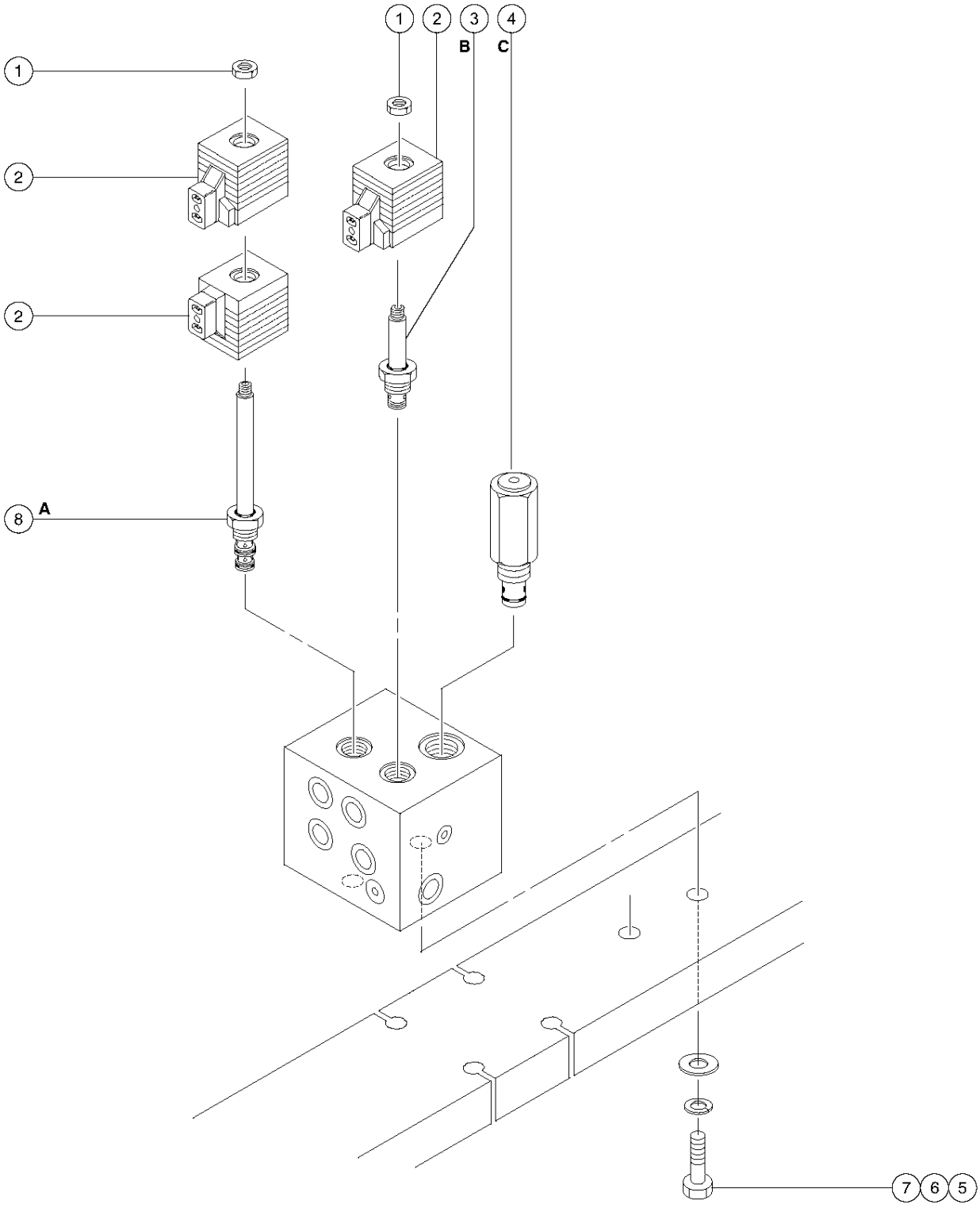
Item	Part No.	Description	Qty.
24	29746GT	WASHER,FLAT,2.5 X 4 X .062	2
25		FRONT AXLE ASSY,S60,Z60 includes index numbers 20 and 22	1
26	29214GT	YOKE ASSY,2/4WD,R.S.,S60/Z60 to SN 909	1
26-	46967GT	YOKE ASSY 2/4WD,R.S.,Z60 from SN 910	
27	25418GT	PIN,KING used with part 29213 and 29214; to SN 909	2
27-	44086GT	PIN,2.50DIAX15.75LG,1HOLE used with part 46966 and 46967; from SN 910	
28	16439GT	SCREW,FHS,3/8-16 X 1	8
29	25416GT	WEAR PAD,OSCILLATING AXLE, S60	2
30	31547GT	SHIM,OSCILLATING AXLE	2
31	25404GT	BLOCK,WEDGE,OSC.AXLE	2
32	27953GT	NUT,HEX,JAM,1.25-7	1
33	29211GT	WELDMENT,ROD END	1
34	29210GT	TIE ROD, WELD. S60	1
35	27695GT	BEARING,FL,1.75IDX1.94ODX1.50L	4
36	25769GT	PIN,OSCILLATING,ROLLR,8 X 1.75	2
37	27656PGT	RETAINER,AXLE ROLLER PIN,PAI	2
38	10587GT	SCREW,HHC,1/2-13 X.75	2
39	6033GT	WASHER,LOCK,0.5"	2

302.1 4WD Steer Axle - Oscillating



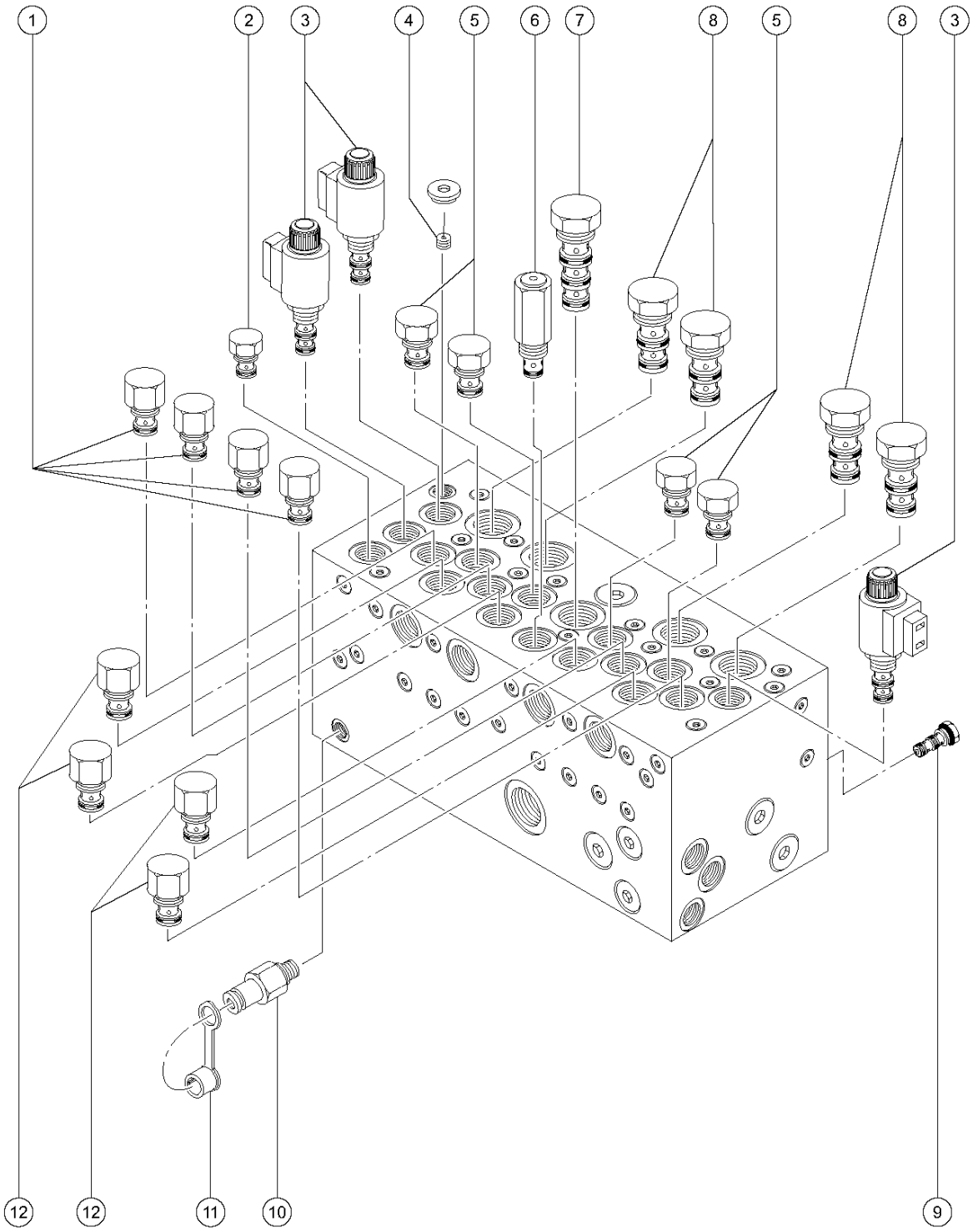
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	4
2	6356GT	WASHER, LOCK, .25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	31088GT	COVER ASSY,DRIVE CHASSIS,STEER	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
6	28117GT	SCREW,SHC,5/8-11 X 1.5	12
7	13064GT	WASHER,FLAT,.625 HARDENED	14
8	73259GT	WHEEL,19.5 X 11.75***	2
8-	25765GT	TIRE & WHEEL ASSY,FOAM,RIGHT	2
8-	25768GT	TIRE & WHEEL ASSY,AIR,LEFT	2
9	27464GT	TIRE,RT,SGL,15-19.5NHS,12PLY	2
10	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
11	28833GT	MTR/TORQUE HUB,FRT,WM2-33.8:1*	2
11-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	2
11-	226101GT	SEAL KIT (28833)	2
12		Ref. Hydraulic Hoses & Fittings (refer to figure 306.1)	18
13	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	2

303.1 4WD Steer / Oscillation Manifold



Item	Part No.	Description	Qty.
	32636GT	MANIFOLD,STEER/OSCILLATION***	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	52943GT	NUT, SOLENOID VALVE COIL	2
2	29744GT	COIL,10V	3
3	52034GT	VALVE,SOLENOID,2 POS-4 WAY-10V	1
4	65443GT	VALVE-RELIEF, 250 PSI (32636)	1
5	6175GT	SCREW,HHC,3/8-16 X 1	2
6	6021GT	WASHER, LOCK, .375	2
7	5397GT	WASHER, FLAT, USS, 5/16-18	2
8	48684GT	VALVE, SOLENOID, 10V	1
A		Valve - Solenoid Steer Left/Right	
B		Valve - Solenoid Oscillating Circuit	
C		Valve - Relief Oscillating Circuit	

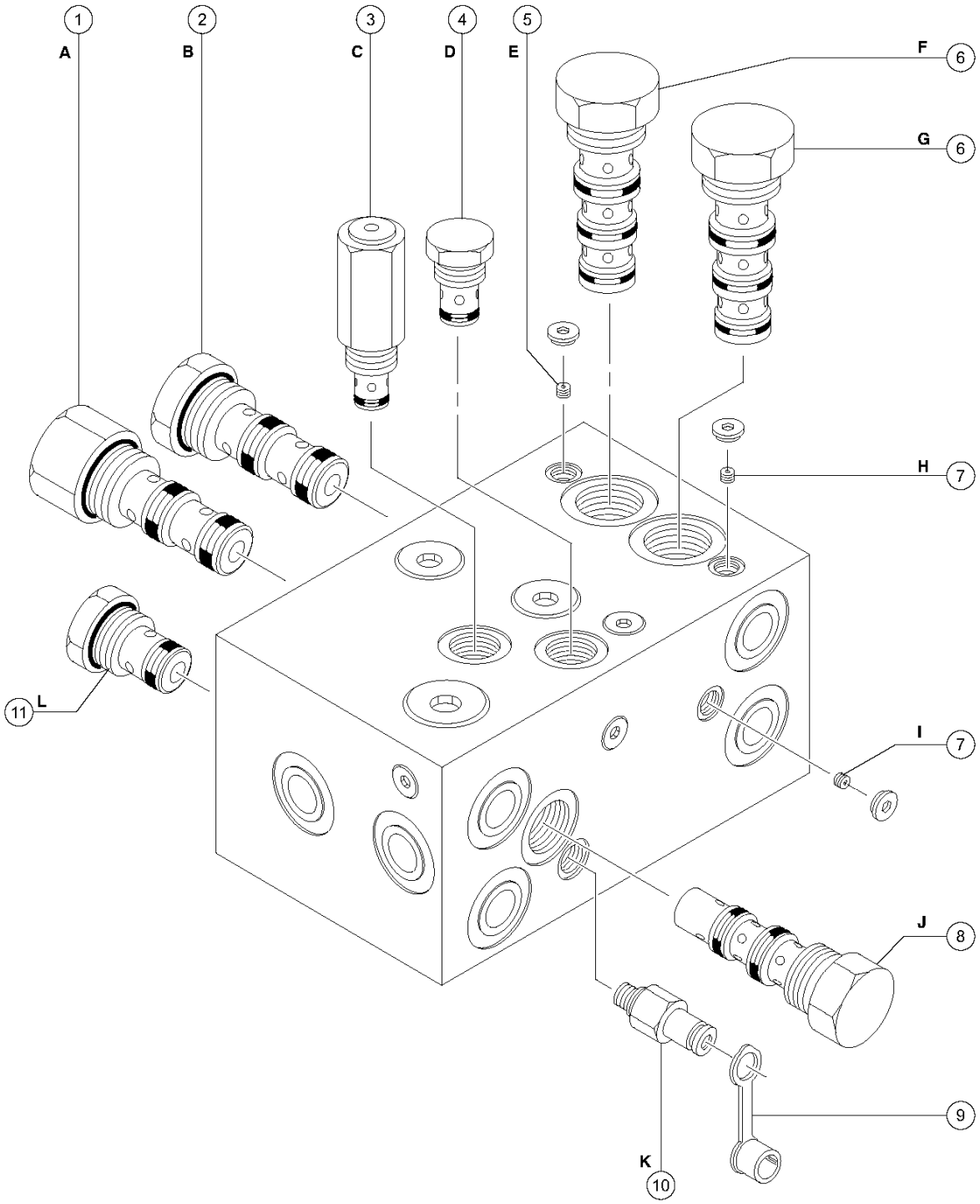
304.1 4WD Drive Manifold (to SN 670)



304.1 4WD Drive Manifold (to SN 670)

Item	*Part No.*	*Description*	*Qty.*
	25505GT	MANIFOLD,TRACTION,4WD Complete	
	25375GT	KIT, O-RING	
1	27764GT	VALVE,FLOW REGULATOR	4
2	27759GT	VALVE,CHECK	1
3	29066GT	VALVE,SOLENOID,10V,2POS 3WAY**	3
3-	27814GT	COIL,SOLENOID,10V	3
3-	45912GT	NUT,SOLENOID VALVE 2P3W	3
4	29294GT	PLUG,ORIFICE,.025"	1
5	20318GT	VALVE,CHECK CP100-2-B-O-005	4
6	27760GT	VALVE,RELIEF	1
7	27761GT	VALVE,SHUTTLE	1
8	27763GT	VALVE,PILOT TO OPEN CHECK	4
9	45483GT	VALVE,SHUTTLE***	1
10	48997GT	NIPPLE,DIAGNOSTIC,#4	1
10-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
11	48880GT	CAP,DIAGNOSTIC NIPPLE	1
12		VALVE,FLOW REGULATOR (29065) component no longer available	4

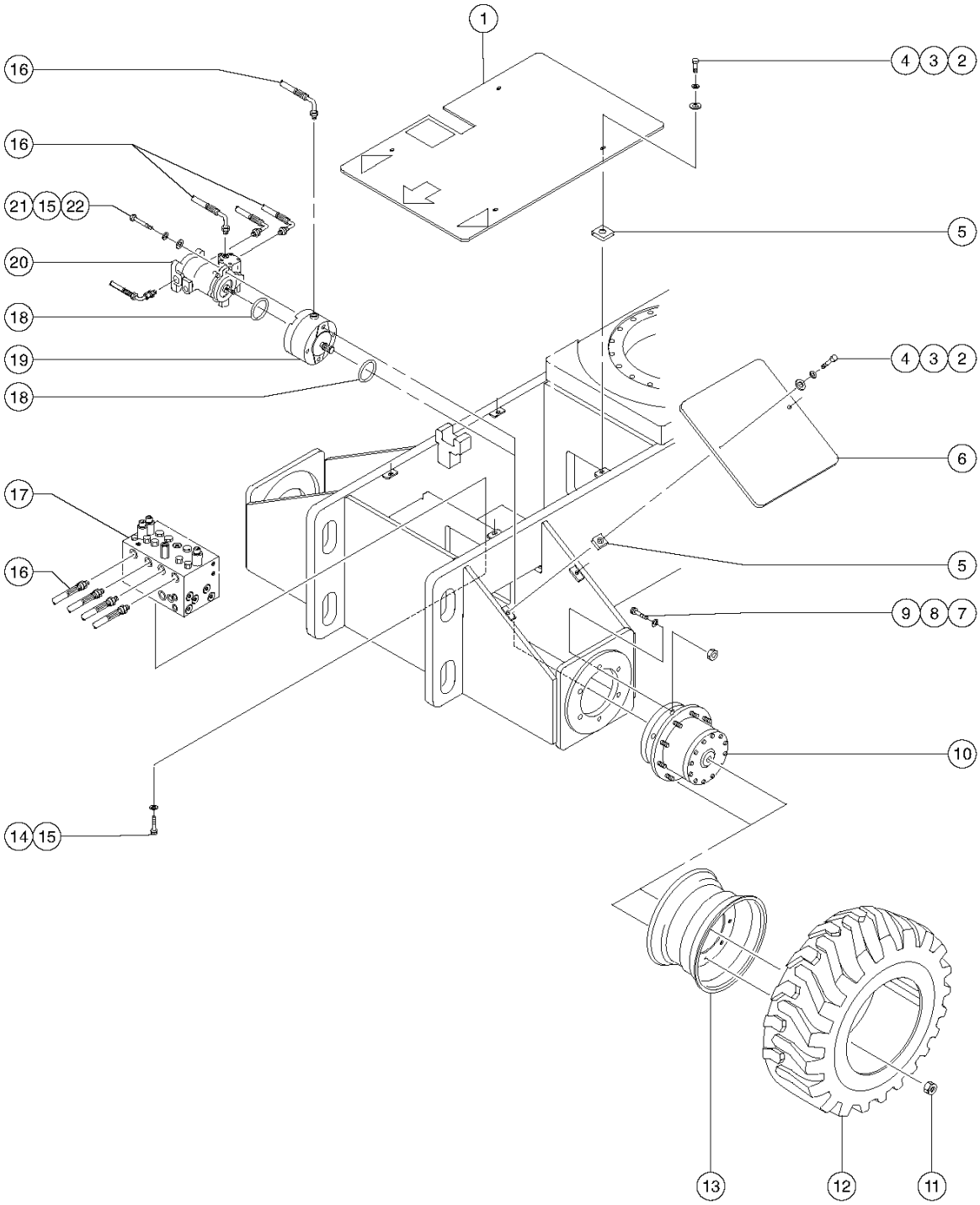
304.2 4WD Drive Manifold (from SN 671)



304.2 4WD Drive Manifold (from SN 671)

Item	Part No.	Description	Qty.
	40033GT	MANIFOLD,TRCN W/BYPASS,4WD*** includes index numbers 1-8 and 11	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48658GT	VALVE,DIRECT. CONTROL,4WD S60	1
2	33521GT	VALVE,FLOW DIVIDER/COMBINER	1
3	43597GT	VALVE,RELIEF,210 PSI	1
4	33562GT	VALVE,CHECK,PILOT OPERATED	1
5	65449GT	PLUG,ORIFICE, 0.052 (40033)	1
6	52726GT	VALVE,FLOW DIVIDER/COMBINER	2
7	33520GT	PLUG,ORIFICE,0.070	2
8	27761GT	VALVE,SHUTTLE	1
9	48880GT	CAP,DIAGNOSTIC NIPPLE	1
10	48997GT	NIPPLE,DIAGNOSTIC,#4	1
10-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
11	23938GT	VALVE,CHECK 45027,20419	1
A		Valve - Directional Divider Bypass Control	
B		Valve - Flow Divider Drive Circuit	
C		Valve - Relief Charge Pressure Circuit	
D		Valve - Check Divider Bypass Circuit	
E		Plug - Orifice, 0.052 inch (1.32 mm) Front Drive Motor Orifice	
F		Valve - Flow Divider Front Wheel Drive Circuit	
G		Valve - Flow Divider Rear Wheel Drive Circuit	
H		Plug - Orifice, 0.07 inch (1.78 mm) Rear Drive Motor Orifice	
I		Plug - Orifice, 0.07 inch (1.78 mm) Drive Circuit Orifice	
J		Valve - Shuttle Hot Oil Shuttle	
K		Diagnostic Nipple Testing	
L		Valve - Check Divider Bypass Circuit	

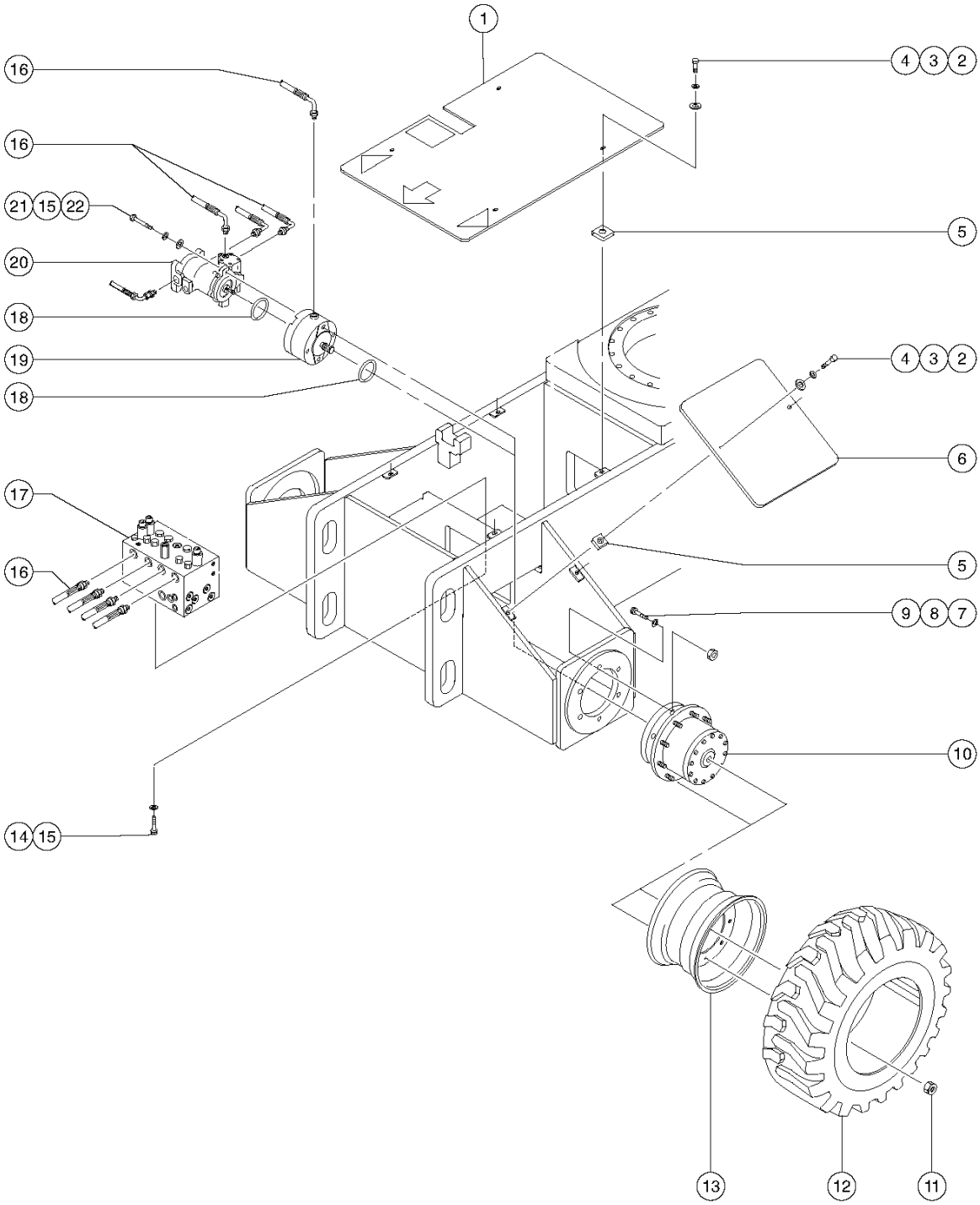
305.1 4WD Non-steer Axle



305.1 4WD Non-steer Axle

Item	Part No.	Description	Qty.
1	31089GT	COVER ASSY, CHASSIS,DRIVE	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	8
3	6356GT	WASHER, LOCK, .25	8
4	6638GT	WASHER, FLAT, USS, 1/4"Y	8
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	8
6	30302PGT	COVER,DRIVE CHASS,AXLE,PAINT	2
7	45076GT	NUT,HEX,JAM,5/8-11	12
8	13064GT	WASHER,FLAT,.625 HARDENED	12
9	45495GT	SCREW,SHC,5/8-11 X 3.00,A574	12
10	29231GT	TORQUE HUB,49:1	2
10-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	2
10-	29288GT	SEAL KIT,FAIRFIELD,W2B2	2
10-	226099GT	THRUST WASHER (29231)	
10-	226100GT	BEARING NUT (29231)	
11	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
12	27464GT	TIRE,RT,SGL,15-19.5NHS,12PLY	2
12-	25765GT	TIRE & WHEEL ASSY,FOAM,RIGHT	2
12-	25768GT	TIRE & WHEEL ASSY,AIR,LEFT	2
13	73259GT	WHEEL,19.5 X 11.75***	2
14	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	3
15	6033GT	WASHER,LOCK,0.5"	7
16		Ref. Hydraulic Hoses & Fittings (refer to figure 306.1)	2
17		Ref. 4WD Drive Manifold (refer to figure 304.1)	2
18	22811GT	O-RING,MOTOR TO BRAKE***	4
19	29230PGT	BRAKE,MICO,PAINTED-S60 DRIVE includes index number 18	2
19-	29291GT	SEAL KIT,MICO	2
19-	29292GT	BRAKE,LINING KIT,MICO	2
19-	29293GT	BEARING KIT,MICO	2

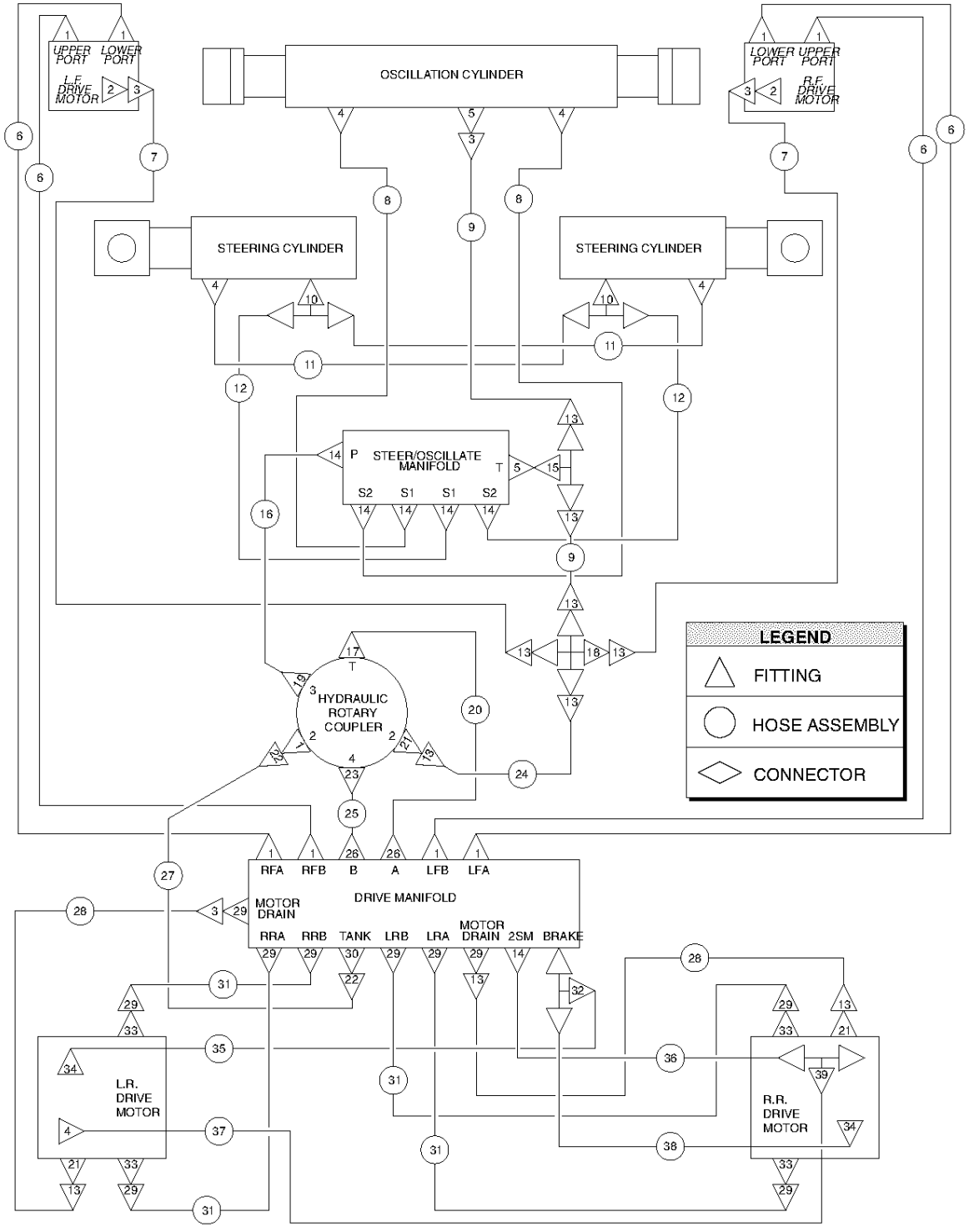
305.1 4WD Non-steer Axle



305.1 4WD Non-steer Axle

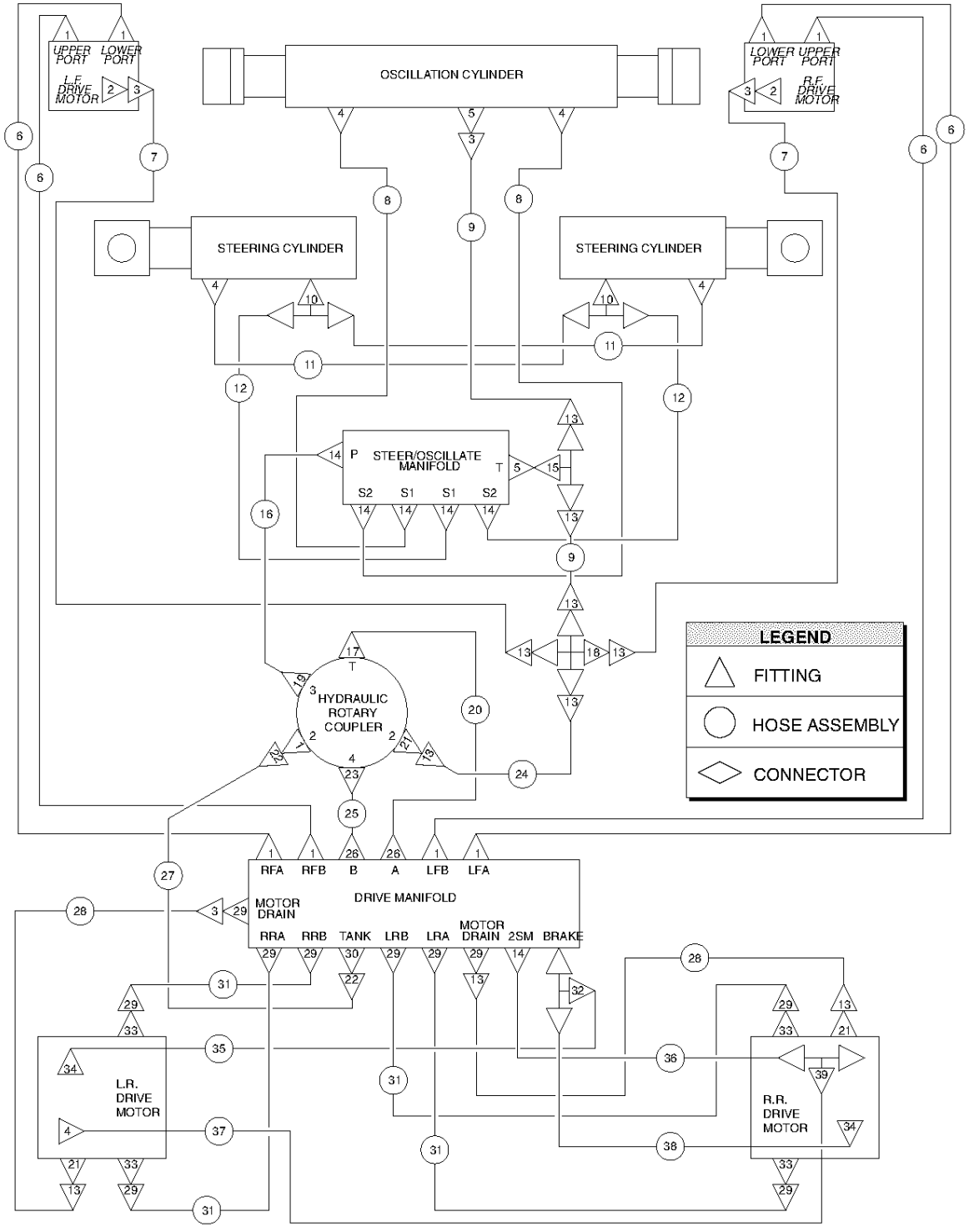
Item	*Part No.*	*Description*	*Qty.*
20	24667GT	DRVE MOTOR REAR,4WD/1DEGREE includes index number 18	2
20-	65865GT	SEAL KIT, SUNSTRAND	2
20-	83081GT	COVER, SERVO (24667)	
20-	49897GT	GASKET,TURTLE,DRV MTR,EDC	
21	22786GT	SCREW,HHC,1/2-13 X 5.5	4
22	13066GT	WASHER,FLAT,.5 HARDENED	4

306.1 4WD Hydraulic Hoses and Fittings - Oscillating Axle



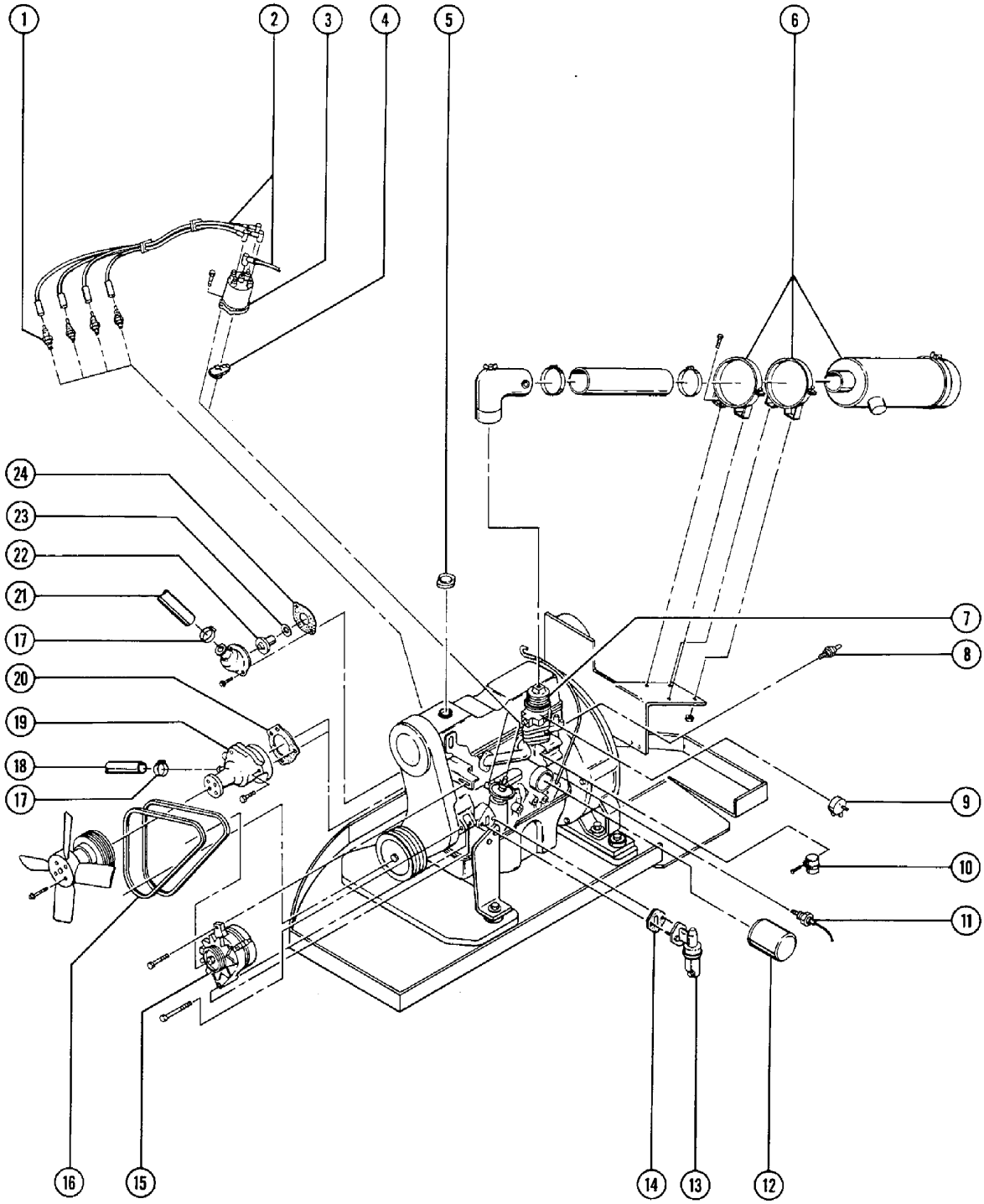
Item	Part No.	Description	Qty.
1	19687GT	CONNECTOR,070120-12-12	9
2	22665GT	CONNECTOR,070120-8-10	2
3	28597GT	HOSE END,BARBED,SWIVEL,90DEG-8	4
4	13120GT	ELBOW,070220-6-6	5
5	20923GT	CONNECTOR,070120-8-6	2
6	30364GT	HOSE ASSY,104"	4
7	30365GT	HOSE ASSY,67"	2
8	30449GT	HOSE ASSY,40"	2
9	30452GT	HOSE ASSY,18"	2
10	45705GT	TEE,BRANCH,070429-6-6	2
11	30450GT	HOSE ASSY,26"	2
12	30448GT	HOSE ASSY,28"	2
13	20324GT	HOSE END,BARBED,SWIVEL,-8-8	10
14	45412GT	CONNECTOR,070120-6-6	6
15	20328GT	TEE,BRANCH,070433-8	1
16	30451GT	HOSE ASSY,42"	1
17	27164GT	CONNECTOR,070120-12-16	1
18	30352GT	CROSS,070501-8-8	1
19	28448GT	ELBOW,070220-6-8	1
20	31468GT	HOSE ASSY,42"	1
21	25951GT	ELBOW,070220-8-12	3
22	45170GT	HOSE END,BARBED,SWIVEL,-12-12	2
23	22099GT	ELBOW,070320-12-12	1
24	31461GT	HOSE,31"	1
25	31463GT	HOSE ASSY,23"	1
26	27164GT	CONNECTOR,070120-12-16	2
27	31460GT	HOSE,47"	1
28	31461GT	HOSE,31"	2

306.1 4WD Hydraulic Hoses and Fittings - Oscillating Axle



Item	Part No.	Description	Qty.
29	45703GT	CONNECTOR,070120-8-8	10
30	20925GT	ELBOW,070220-12-12	1
31	30363GT	HOSE ASSY,32"	4
32	28444GT	TEE,RUN,070428-6-6	1
33	27242GT	ADAPTER,O-RING,G6410-16-8	4
34	13921GT	ELBOW,070220-4-4	2
35	31458GT	HOSE ASSY,46"	1
36	31462GT	HOSE ASSY,33"	1
37	31459GT	HOSE ASSY,50"	1
38	31457GT	HOSE ASSY,38"	1
39	23802GT	TEE,RUN,070428-4-4	1

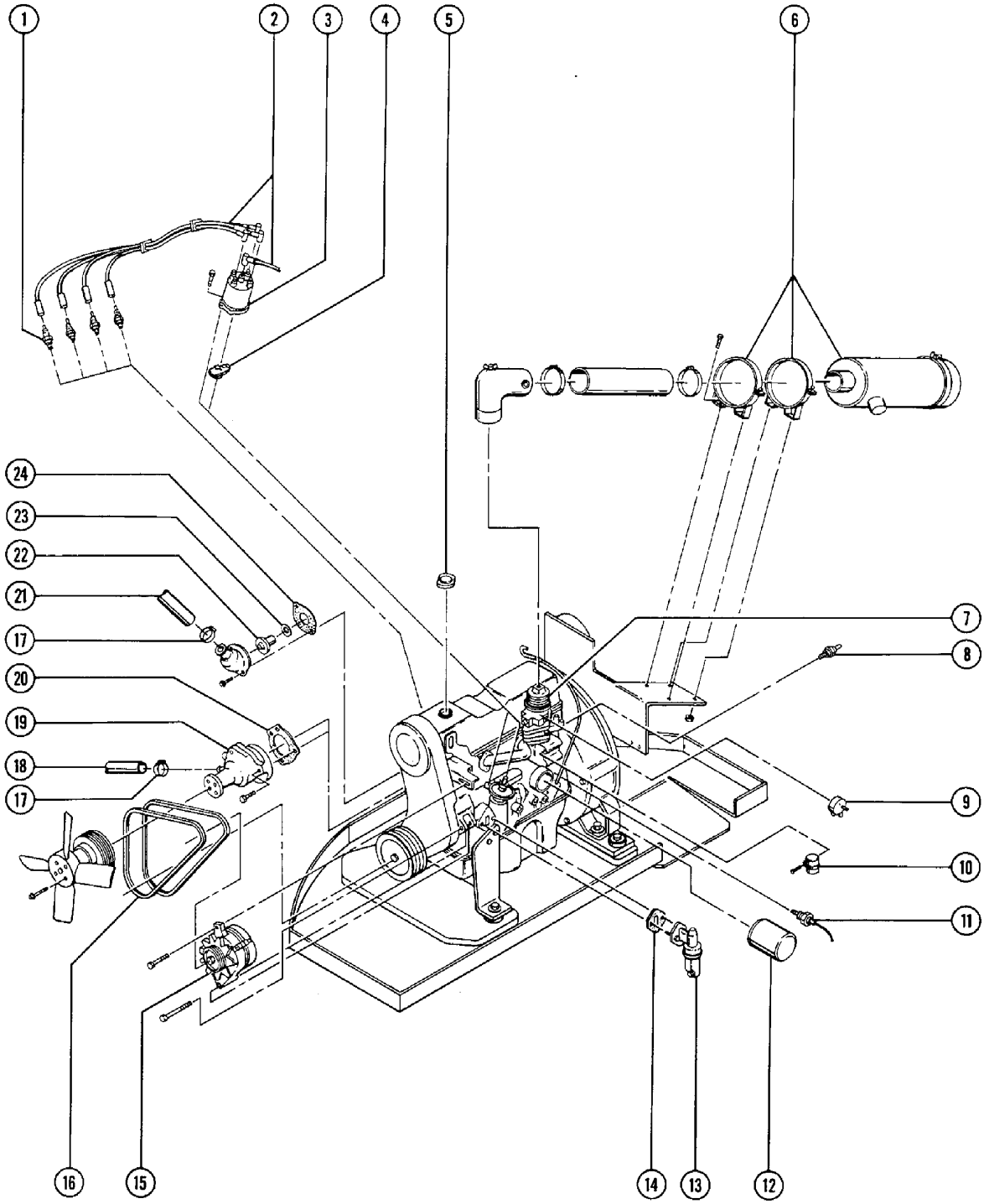
401.1 Ford Gasoline/LPG Engine - View 1



401.1 Ford Gasoline/LPG Engine - View 1

Item	Part No.	Description	Qty.
	37016GT	KIT,FUEL,LP	
	27153GT	ADAPTER,CARB,FORD	
1	28647GT	SPARK PLUG,FORD	4
2	28648GT	SPARK PLUG WIRE SET, LSG 423 Genie genuine part	1
2-	1259056GT	SPARK PLUG WIRE SET, LSG 423 Genie aftermarket	
3	28650GT	CAP,DISTRIBUTOR,FORD	1
4	28649GT	ROTOR,DISTRIBUTOR,FORD	1
5	28658GT	CAP, OIL FILLER, FORD LSG423	1
6	27915GT	AIR CLEANER does NOT include mounting bands	1
6-	27916GT	FILTER,AIR,ELEMENT***	1
6-	65815GT	CLAMP, AIR CLEANER (27915)** clamp that holds the end cap on	1
7	28714GT	CARB REPAIR KIT, LSG/LRG-423	1
8	28651GT	SOLENOID, ANTI-DIESELING	1
9	29439GT	COIL, AUTOMATIC CHOKE,	1
10	28662GT	FILTER,FUEL,LRG-423,SCREW-IN	1
11	29269GT	SWITCH,WATER TEMP,S60 includes gauge	1
12	28656GT	FILTER,OIL,FORD Genie genuine part	1
12-	1259054GT	FILTER, OIL, FORD Genie aftermarket	
13		PUMP,FUEL,FORD (28665) manual pump (component no longer available)	1
13A	46164GT	FUEL PUMP KIT,FORD LRG 423*** electric pump kit (existing pump seals engine; do not remove from engine)	
14	28659GT	GASKET,FUEL PUMP,FORD	1
15	28716GT	ALTERNATOR,FORD LSG-423***	1
16	28652GT	BELT,V, FAN/ALT,FORD LSG423	2
17	45171GT	CLAMP,HOSE,1.75,LINED	2
18	28769GT	HOSE,BOTTOM RADIATOR,FORD	1
19	28666GT	PUMP,WATER,FORD	1
20		GASKET,WATER PUMP,FORD (no longer available)	1
21	28770GT	HOSE,TOP RADIATOR,FORD	1

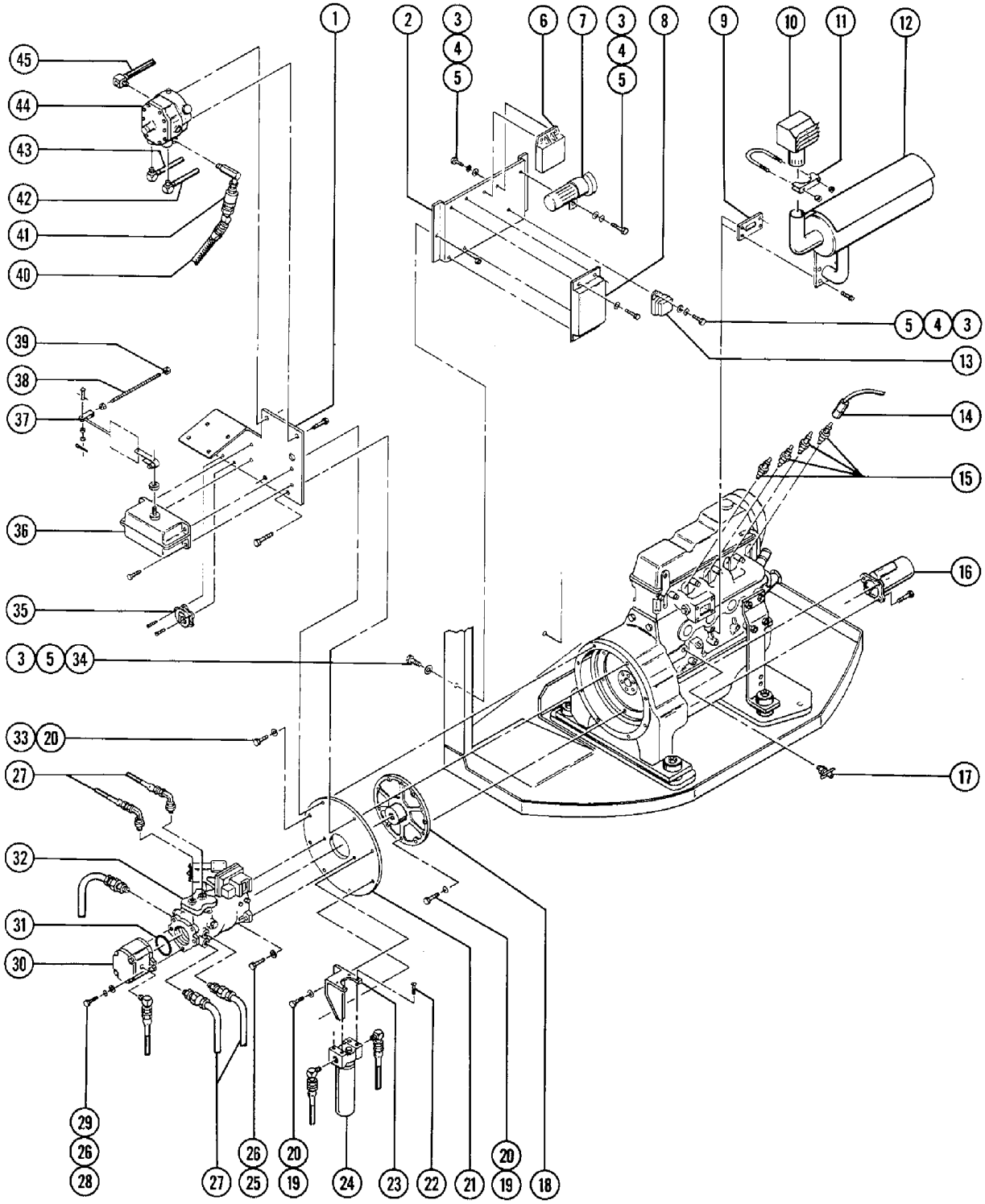
401.1 Ford Gasoline/LPG Engine - View 1



401.1 Ford Gasoline/LPG Engine - View 1

Item	Part No.	Description	Qty.
22		THERMOSTAT & SEAL,FORD no longer available from supplier	1
23	28654GT	SEAL,THERMOSTAT,FORD	1
24	28653GT	GASKET,WATER OUTLET,FORD	1

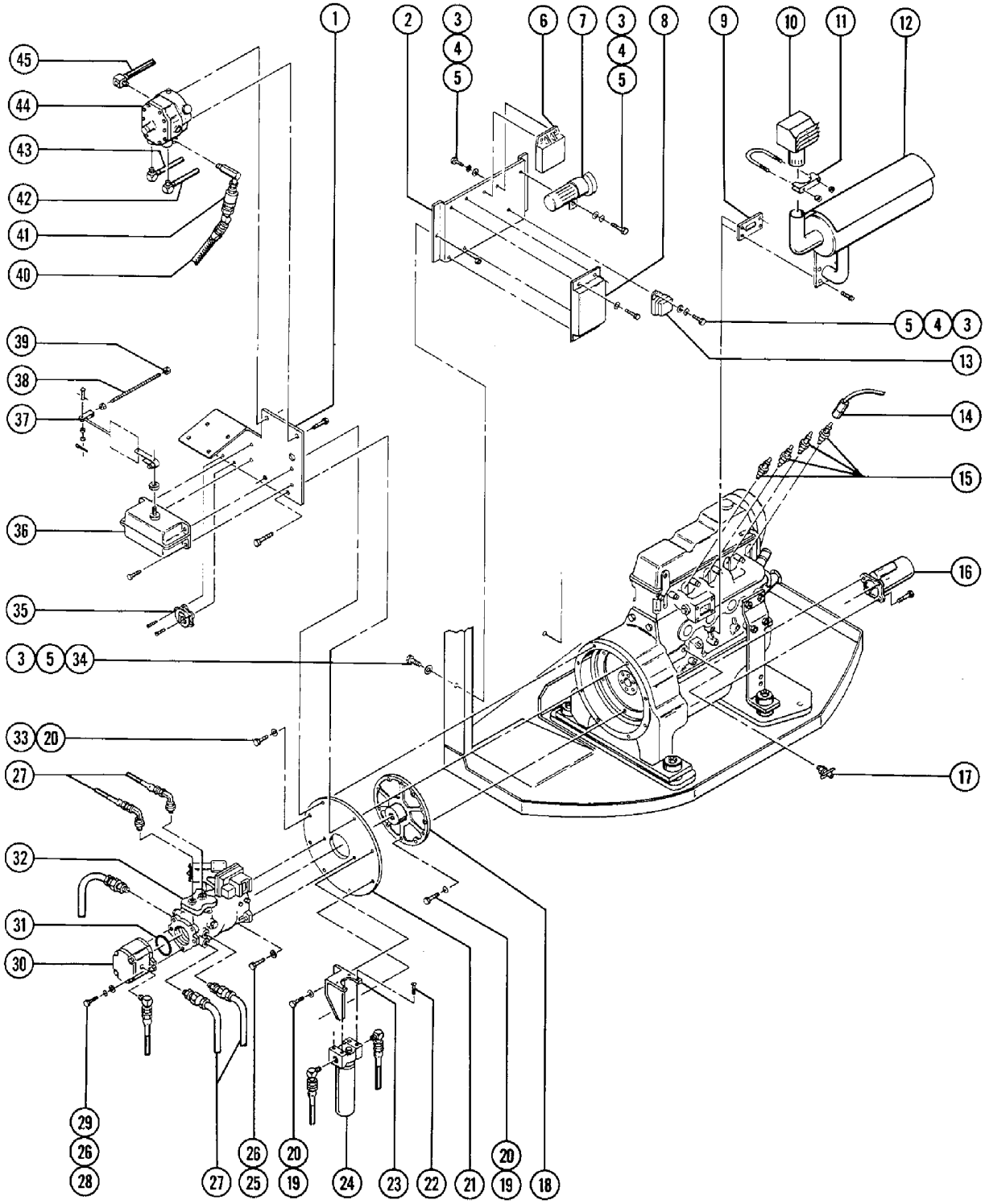
402.1 Ford Gasoline/LPG Engine - View 2



402.1 Ford Gasoline/LPG Engine - View 2

Item	Part No.	Description	Qty.
	28718GT	BELT,TIMING,FORD LSG-423**	
1	30224PGT	BRACKET,LP REG/AIR FILTER,PNTD	1
2	31250GT	IGNITION MODULE MTG.PLATE ASSY no longer available	1
3	8914GT	SCREW, HHC, 1/4-20 X .625	13
4	6356GT	WASHER, LOCK, .25	11
5	6638GT	WASHER, FLAT, USS, 1/4"Y	8
6	27922GT	IGNITION, ELECTRONIC, FORD	1
7	28664GT	COIL, IGNITION,FORD	1
8	27908GT	GOVERNOR,CNTRLR,FORD,LSG 423	1
9	27142GT	GASKET,EXHAUST***	1
10	30493GT	EXHAUST,TAILPIPE,DEUTZ,Z60	1
11	30438GT	CLAMP,MUFFLER,2 1/4" ID.	1
12	48439GT	MUFFLER,EXH,FORD,BIG BOOMS***	1
13	27919GT	REGULATOR, VOLTAGE, Z45GP91	1
14	28648GT	SPARK PLUG WIRE SET, LSG 423 Genie genuine part	1
14-	1259056GT	SPARK PLUG WIRE SET, LSG 423 Genie aftermarket	
15	28647GT	SPARK PLUG,FORD	4
16	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
16B	29606GT	RING GEAR,FORD***	
17	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
18	28819GT	COUPLER,FLEX PLATE,GRDEX,FORD	1
18-	29747GT	COUPLER,FLEX PLATE,13T,FORD*	1
19	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
20	6021GT	WASHER, LOCK, .375	14
21	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED	1
22	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	4
23	30230P-SGT	FILTER MOUNT BRACKET	1
24		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1

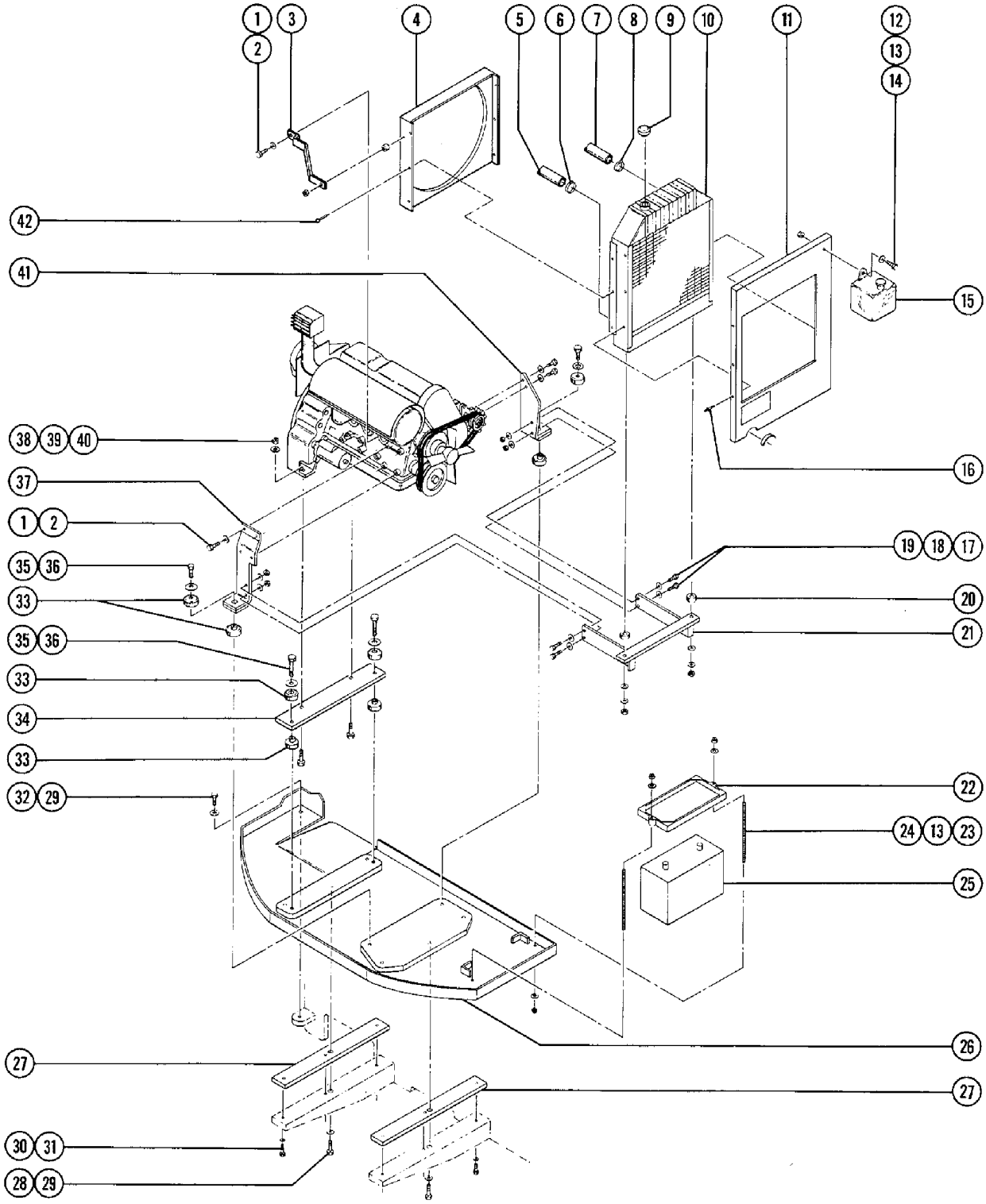
402.1 Ford Gasoline/LPG Engine - View 2



402.1 Ford Gasoline/LPG Engine - View 2

Item	Part No.	Description	Qty.
24-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
24-	20880GT	FILTER ELEMENT-10 MIC.*** for 20879 (no longer available)	1
24A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
24A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
25	8177GT	SCREW,HHC,1/2-13 X 1.5	2
26	6033GT	WASHER,LOCK,0.5"	4
27		Ref. Hydraulic Hoses & Fittings (refer to figure 508.1)	4
28	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	2
29	13066GT	WASHER,FLAT,.5 HARDENED	2
30	53961GT	PUMP,LIFT 1.025 C.I.***	1
30-	77990GT	KIT,SEAL,3CC PUMP***	1
30-	31249GT	SEAL KIT,LIFT PUMP** (for pump 31248)	
31	29436GT	O-RING***	1
32	46674GT	PUMP,VAR.PISTON M46 2.8 CIQVP*	1
32-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
33	6175GT	SCREW,HHC,3/8-16 X 1	2
34	6091GT	NUT,NYLOCK,1/4-20	2
35	22278GT	SWITCH,VACUUM	1
36	27917GT	GOVERNOR,MECHNCL,FORD LSG423	1
37	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin	1
38	30785-1500GT	THREADED ROD,1/4-28 X 15 IN***	1
39	21496GT	NUT,HEX,1/4-28	2
40	30275GT	HOSE ASSEMBLY,LP. 137"	1
41	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
42		Ref. Hose -3/8 x 19.5 inches (50cm), Regulator to Water Pump	1
43		Ref. Hose -3/8 x 25 inches (63.5cm), Regulator to Intake Manifold	1
44		REGULATOR,LPG,BEAM #120A no longer available	1
45		Ref. Hose -5/8 x 9.5 inches (24cm), Regulator to Carburetor Venturi	1

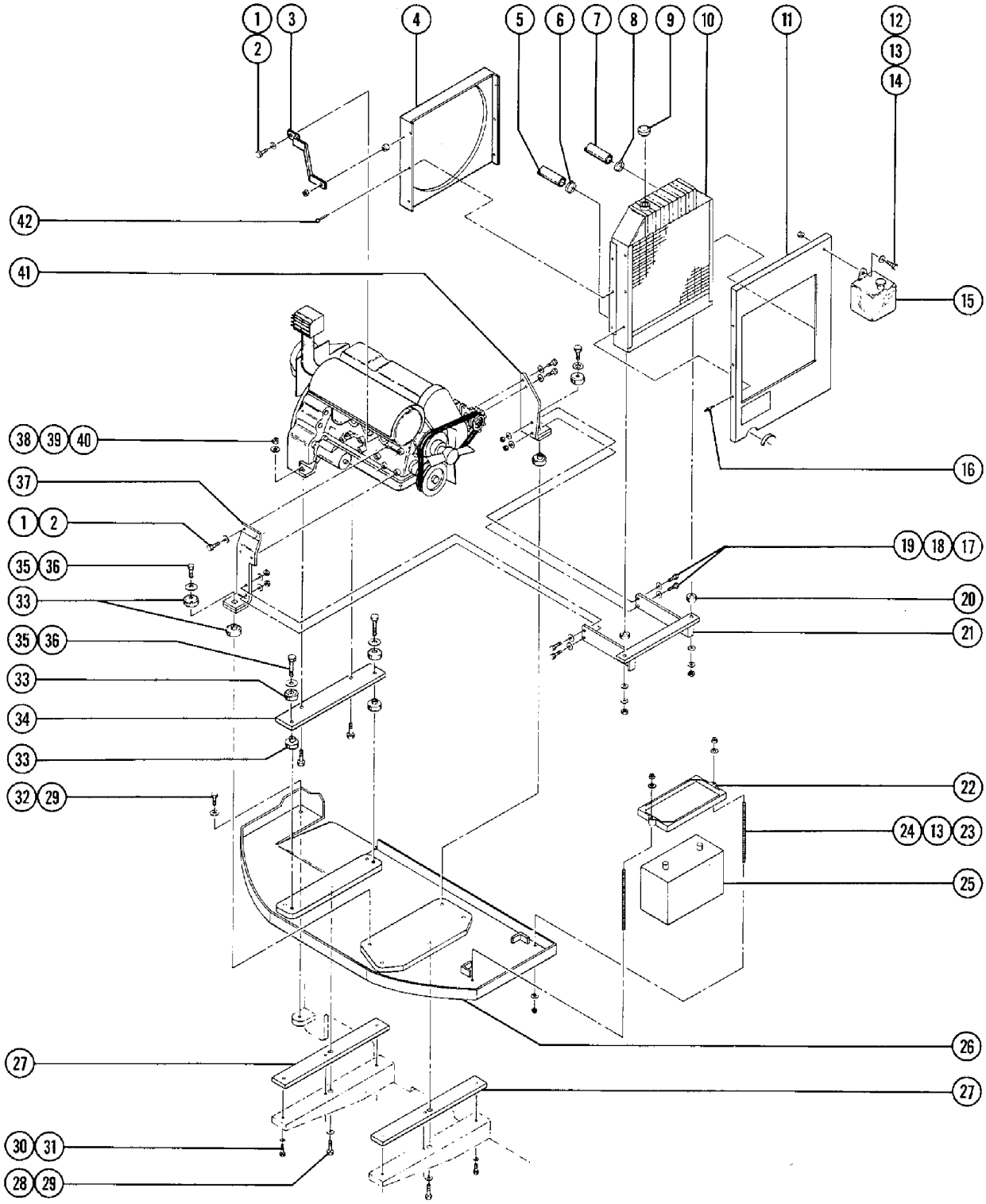
403.1 Ford Gasoline/LPG Engine - View 3



403.1 Ford Gasoline/LPG Engine - View 3

Item	Part No.	Description	Qty.
1	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	7
2	22700GT	WASHER,LOCK,M10	7
3	27022PGT	MOUNT,RAD.SUPPT.,RH,PAINTED	1
4	27639PGT	RADIATOR SHROUD,PAINTED	1
5	28769GT	HOSE,BOTTOM RADIATOR,FORD	1
6	13014GT	CLAMP,HOSE,2.25" DIA.	1
7	28770GT	HOSE,TOP RADIATOR,FORD	1
8	45171GT	CLAMP,HOSE,1.75,LINED	1
9	27943GT	CAP,RADIATOR,FORD***	1
10	27942GT	RADIATOR,FORD (LSG)	1
10-	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
11	31244GT	RADIATOR SHROUD ASSY,FORD Z60	1
12	6888GT	SCREW, HHC, 1/4-20 X 1	1
13	6638GT	WASHER, FLAT, USS, 1/4"Y	5
14	6091GT	NUT,NYLOCK,1/4-20	1
15	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
16	8920GT	RIVET,ALUM,ALUM,P,.156 X .375	6
17	8516GT	SCREW, HCC, 3/8-16 X 1.50	4
18	6097GT	WASHER, FLAT, USS, 3/8", Y	8
19	4828GT	NUT, NYLOCK, 3/8-16	4
20	24038GT	SHOCK MOUNT,SMALL	2
21	27640GT	WELDMENT,RADIATOR MOUNT	1
22	30144GT	BATTERY HOLD DOWN,GROUP 31	1
23	18385GT	THREADED ROD,(1/4-20),10.5"	2
24	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	4
25	1303581GT	BATTERY, 12V, 950CCA, FLA	1
26	75650-SGT	WELDMENT PLATE ENGINE TANK	1
27	30271GT	PAD,ENGINE SLIDE	2

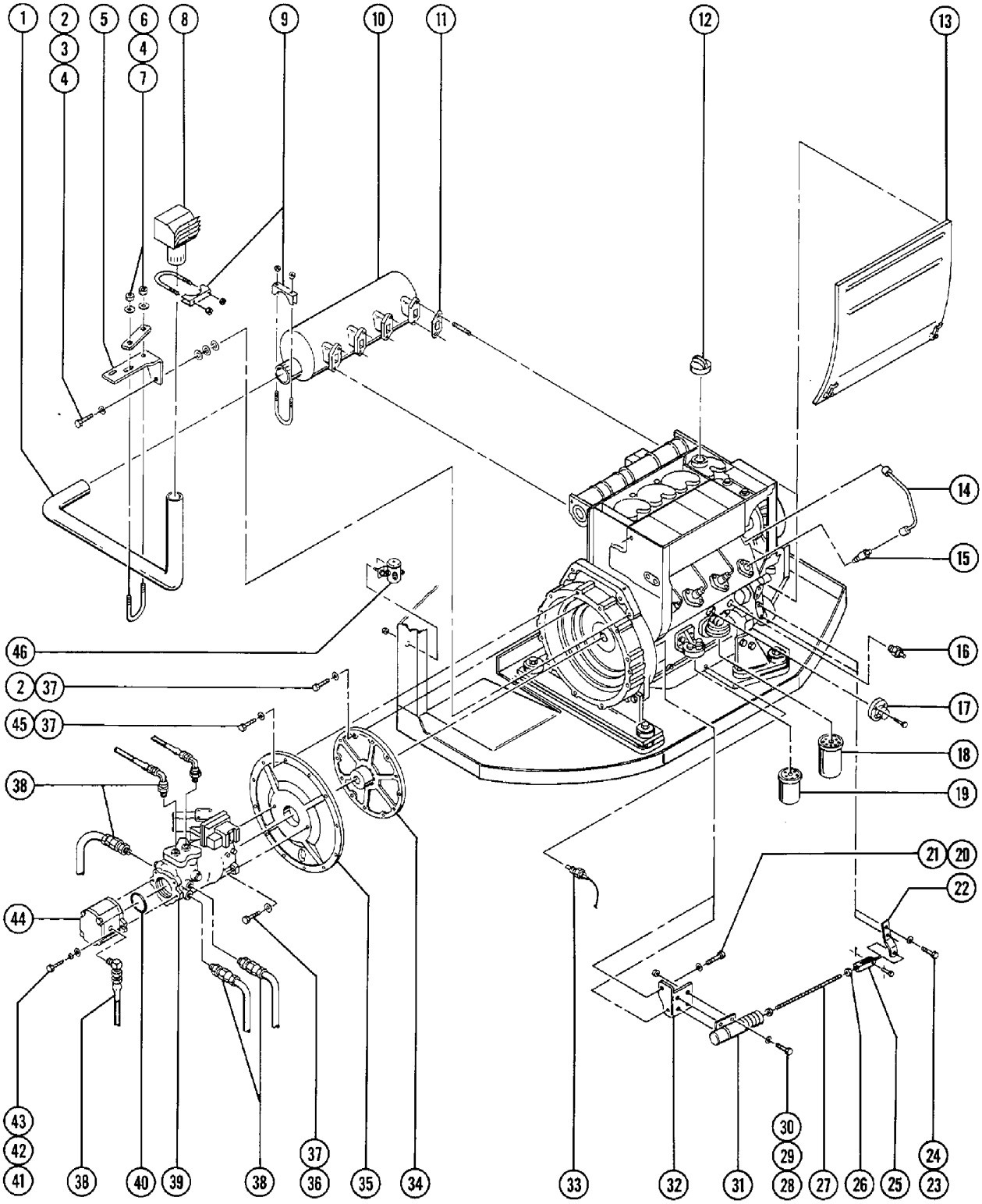
403.1 Ford Gasoline/LPG Engine - View 3



403.1 Ford Gasoline/LPG Engine - View 3

Item	Part No.	Description	Qty.
28	19418GT	SCREW,SHC,5/8-11 X 1.75	2
29	13064GT	WASHER,FLAT,.625 HARDENED	3
30	6090GT	SCREW, HHC, 1/4-20 X .75	6
31	6356GT	WASHER, LOCK, .25	6
32	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	1
33	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
34	28234P-SGT	PLATE,ENGINE MOUNT,PAINTED	1
35	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	4
36	6035GT	WASHER,FLAT,USS,5/8",Y	4
37	29296GT	WELDMENT,FORD ENG.MNT,OUTBOARD	1
38	6198GT	NUT, NYLOCK, 1/2-13	2
39	6095GT	WASHER,FLAT,USS,1/2",Y	2
40	10598GT	SCREW,HHC,1/2-13 X 3	2
41	29297GT	WELDMENT,FORD ENG.MNT,INBOARD	1
42	21018GT	SCREW,PHIL,PHM,10-24 X.38,SEMS	6

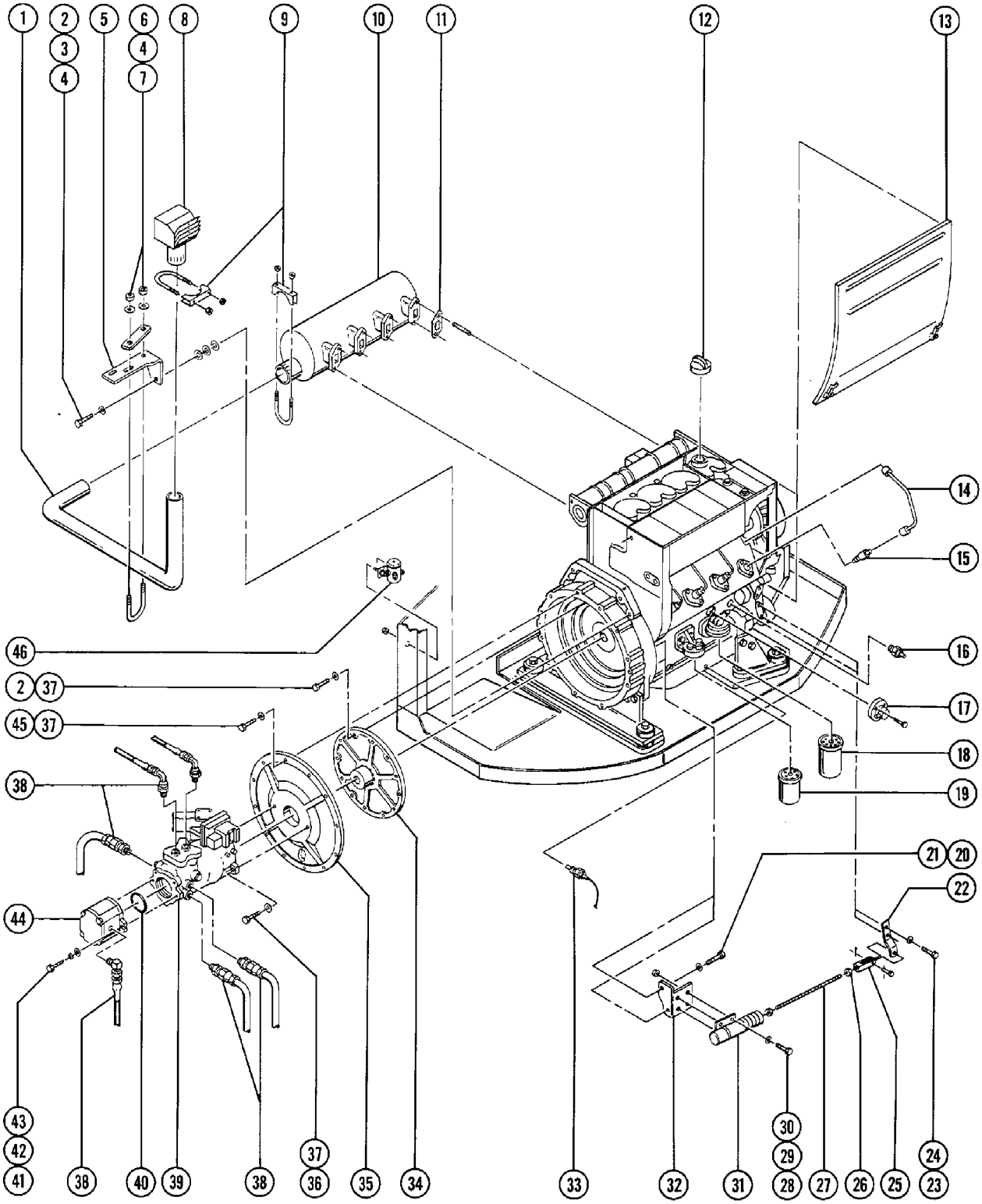
404.1 Deutz Diesel Engine - View 1



404.1 Deutz Diesel Engine - View 1

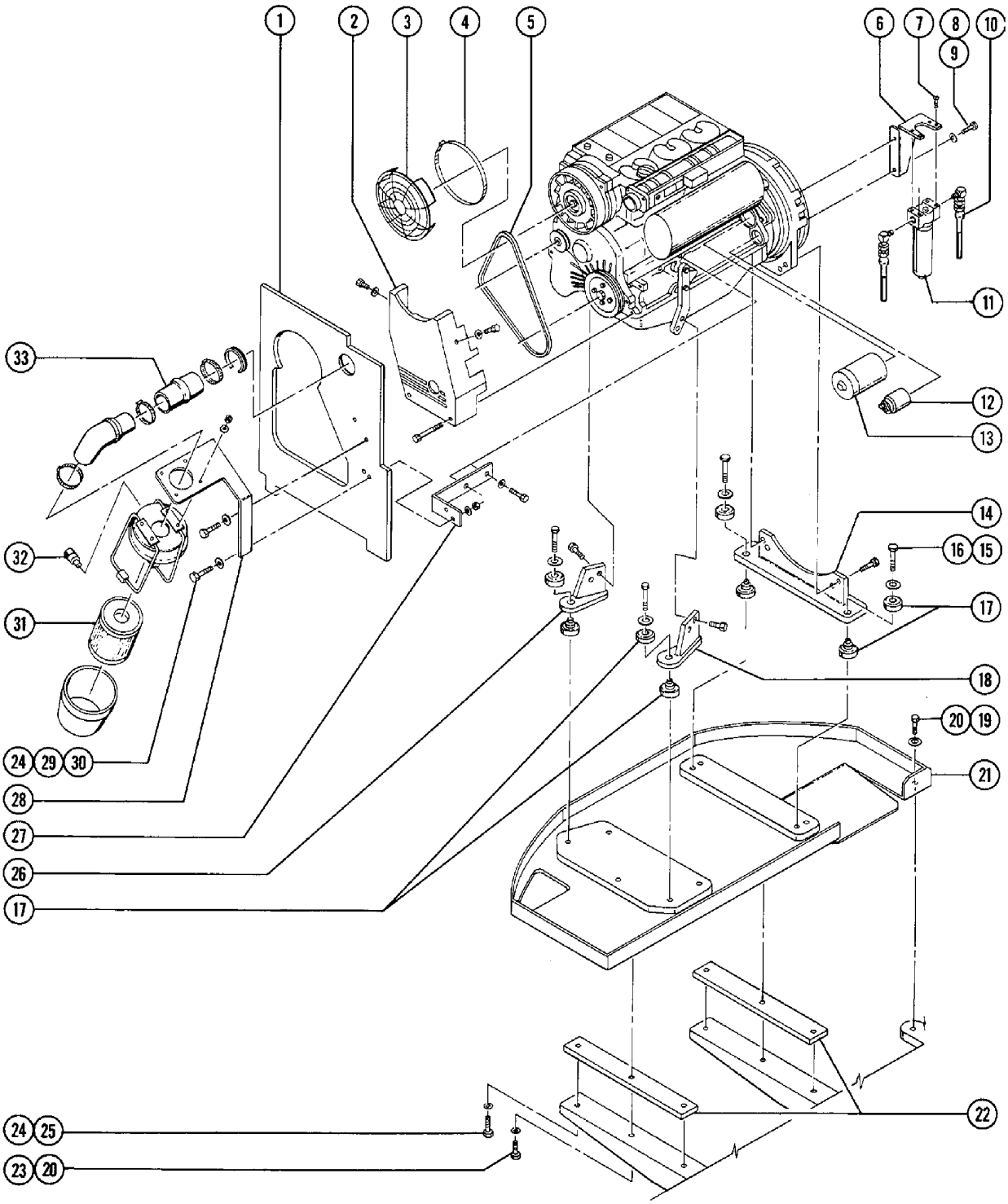
Item	Part No.	Description	Qty.
1	30493GT	EXHAUST,TAILPIPE,DEUTZ,Z60	1
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	14
3	6021GT	WASHER, LOCK, .375	2
4	5397GT	WASHER, FLAT, USS, 5/16-18	8
5	27329PGT	BRACKET,EXHAUST SUPPRT,PAINT	1
6	6002GT	NUT, LP NYLOCK, 5/16-18	2
7	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***	1
8	30493GT	EXHAUST,TAILPIPE,DEUTZ,Z60	1
9	30438GT	CLAMP,MUFFLER,2 1/4" ID.	2
10	29558GT	MUFFLER**	1
10-	53867GT	SCRUBBER MUFFLER,DEUTZ,F4L1011	
11	29559GT	GASKET,EXHAUST	4
12	29557GT	CAP,OIL FILLER,DEUTZ,DIESEL***	1
13	29556GT	COVER,SIDE ENGINE	1
14	29564GT	INJECTOR, FUEL LINE DEUTZ DSL	4
15	29563GT	INJECTOR	4
16		SWITCH/SENDER, OIL TEMPERATURE no longer available	1
17	29562GT	PUMP ASSY, FUEL, DEUTZ DIESEL	1
18	29561GT	FILTER,OIL	1
19	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
19-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
20	23057GT	SCREW,HHC,M8 X 20MM	2
21	6886GT	WASHER,LOCK,.313	2
22	30479PGT	BRACKET,ACTUATOR ARM PAINTED	1
23	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	2
24	6356GT	WASHER, LOCK, .25	2
25	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin	1
26	21496GT	NUT,HEX,1/4-28	2

404.1 Deutz Diesel Engine - View 1



Item	Part No.	Description	Qty.
27	30785-1500GT	THREADED ROD,1/4-28 X 15 IN***	1
28	6090GT	SCREW, HHC, 1/4-20 X .75	4
29	6638GT	WASHER, FLAT, USS, 1/4"Y	4
30	6091GT	NUT,NYLOCK,1/4-20	4
31	29073GT	SOLENOID,THROTTLE,	1
32	30478PGT	BRACKET,SOLENOID MTG PAINTED	1
33	29269GT	SWITCH,WATER TEMP,S60 includes gauge	1
34	30386GT	FLYWHEEL COUPLING, TYPE FL	1
34-	29747GT	COUPLER,FLEX PLATE,13T,FORD*	1
35	30806GT	FLYWHEEL COVER,CASTING***	1
36	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	2
37	6021GT	WASHER, LOCK, .375	23
38		Ref. Hydraulic Hoses & Fittings (refer to figure 508.1)	23
39	46674GT	PUMP,VAR.PISTON M46 2.8 CIQVP*	1
39-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
39-	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	
40	29436GT	O-RING***	1
41	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	2
42	6033GT	WASHER,LOCK,0.5"	2
43	13066GT	WASHER,FLAT,.5 HARDENED	2
44	53961GT	PUMP,LIFT 1.025 C.I.*** use in place of previous pump 31248	1
44-	53962GT	SEAL KIT,LIFT PUMP (53961)*** use with pump 53961	1
44-	31249GT	SEAL KIT,LIFT PUMP** use with pump 31248	
45	6175GT	SCREW,HHC,3/8-16 X 1	12
46	27155GT	SOLENOID,12V CONTINUOUS***	1

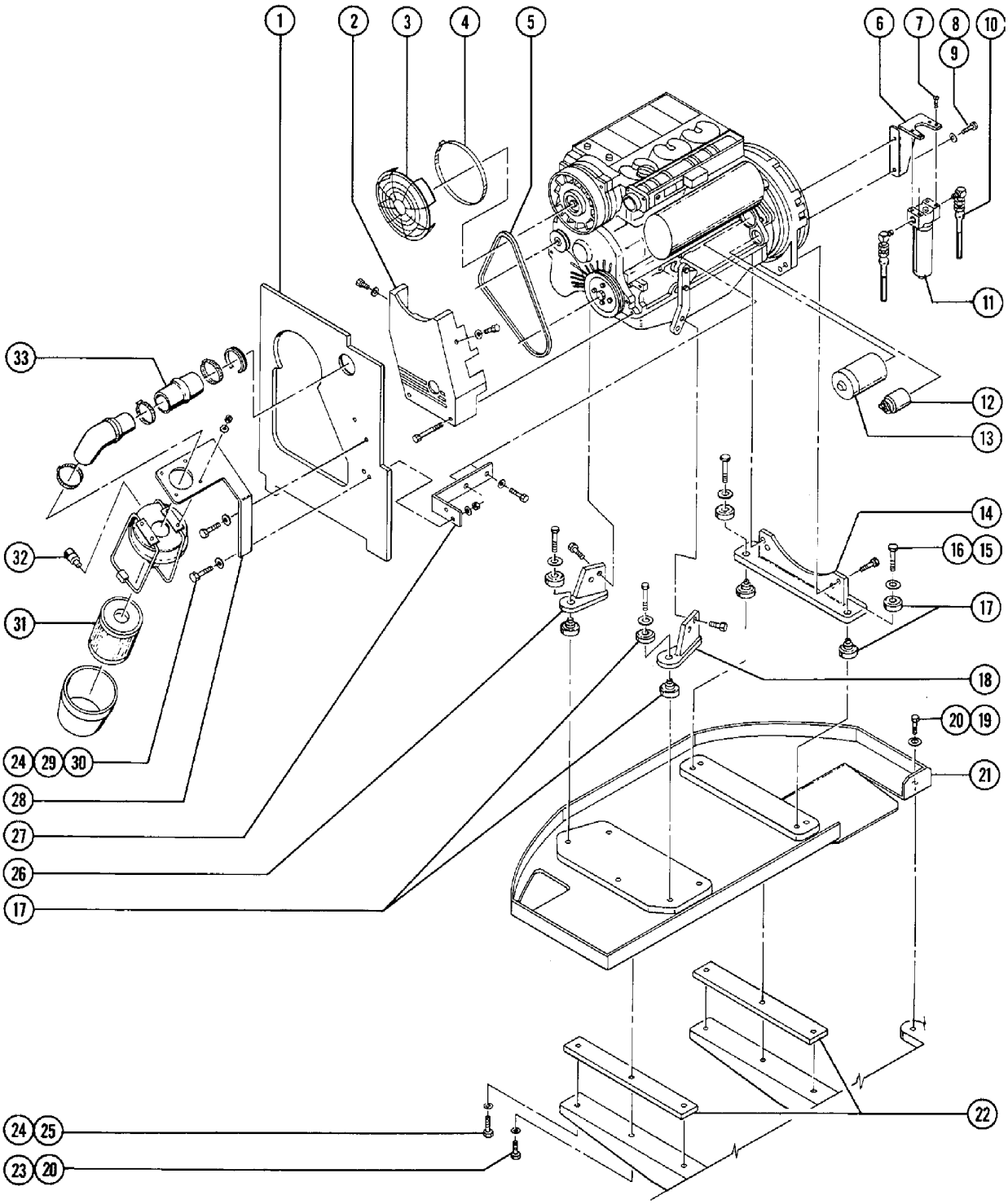
405.1 Deutz Diesel Engine - View 2



405.1 Deutz Diesel Engine - View 2

Item	Part No.	Description	Qty.
1	30483PGT	WELDMENT,HEAT SHIELD PAINTED	1
2	29555GT	COVER,FRONT DEUTZ ENGINE	1
3	31522GT	GUARD,FAN,DEUTZ F4L1011	1
4	31523GT	CLAMP,HOSE,8.50 DIA***	1
5	32698GT	BELT	1
6	30230P-SGT	FILTER MOUNT BRACKET	1
7	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	4
8	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
9	6021GT	WASHER, LOCK, .375	2
10		Ref. Hydraulic Hoses & Fittings (refer to figure 508.1)	2
11		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
11-	20880GT	FILTER ELEMENT-10 MIC.*** for 77139	1
11A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
11A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
12	29552GT	STARTER SOLENOID, DEUTZ 25484	1
13	29551GT	STARTER ASSY - PRE 8/14/95 includes index number 12	1
14	29550GT	WELDMENT,DEUTZ ENGINE MOUNT	1
15	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	4
16	13775GT	WASHER,FLAT,1.063 X 2 X .134	4
17	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
18	29548GT	WELDMENT,ENGINE MOUNT INBOARD	1
19	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	1
20	13064GT	WASHER,FLAT,.625 HARDENED	3
21	75650-SGT	WELDMENT PLATE ENGINE TANK	1
22	30271GT	PAD,ENGINE SLIDE	2
23	19418GT	SCREW,SHC,5/8-11 X 1.75	2
24	6090GT	SCREW, HHC, 1/4-20 X .75	8
25	6356GT	WASHER, LOCK, .25	6

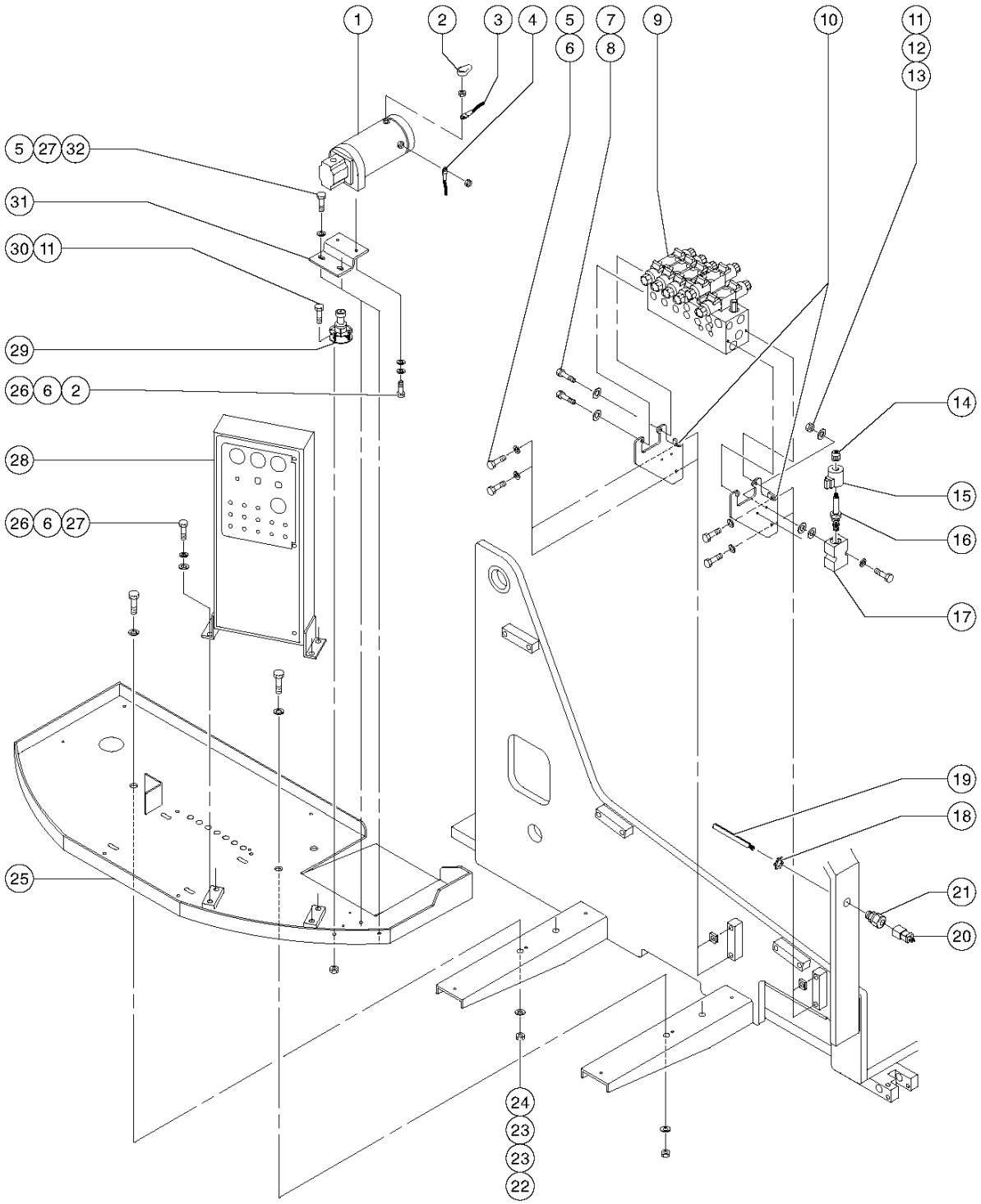
405.1 Deutz Diesel Engine - View 2



405.1 Deutz Diesel Engine - View 2

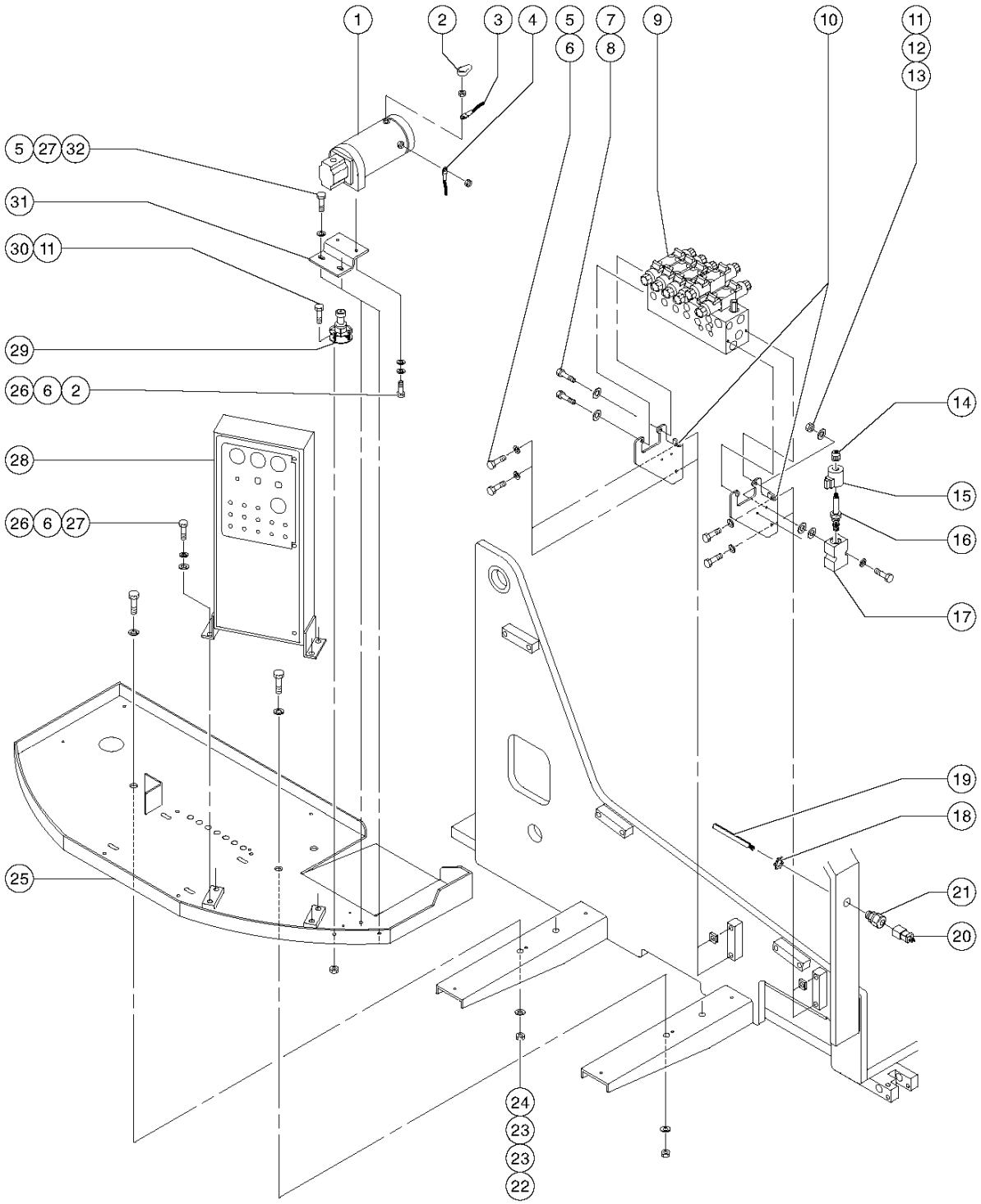
Item	Part No.	Description	Qty.
26	29549GT	WELDMENT,ENGINE MOUNT,OUTBOARD	1
27	30477PGT	BRACKET,HEAT SHEILD SUPP,PAINT	1
28		Part is no longer available	1
29	6638GT	WASHER, FLAT, USS, 1/4"Y	2
30	6091GT	NUT,NYLOCK,1/4-20	2
31	29553GT	AIR FILTER	1
32	31505GT	INDICATOR,AIR FILTER CONDITION	1
33	30476GT	STRAIGHT,HUMP,RBR BUTT 3" I.D.	1

501.1 Function Manifold / Auxiliary Power Unit



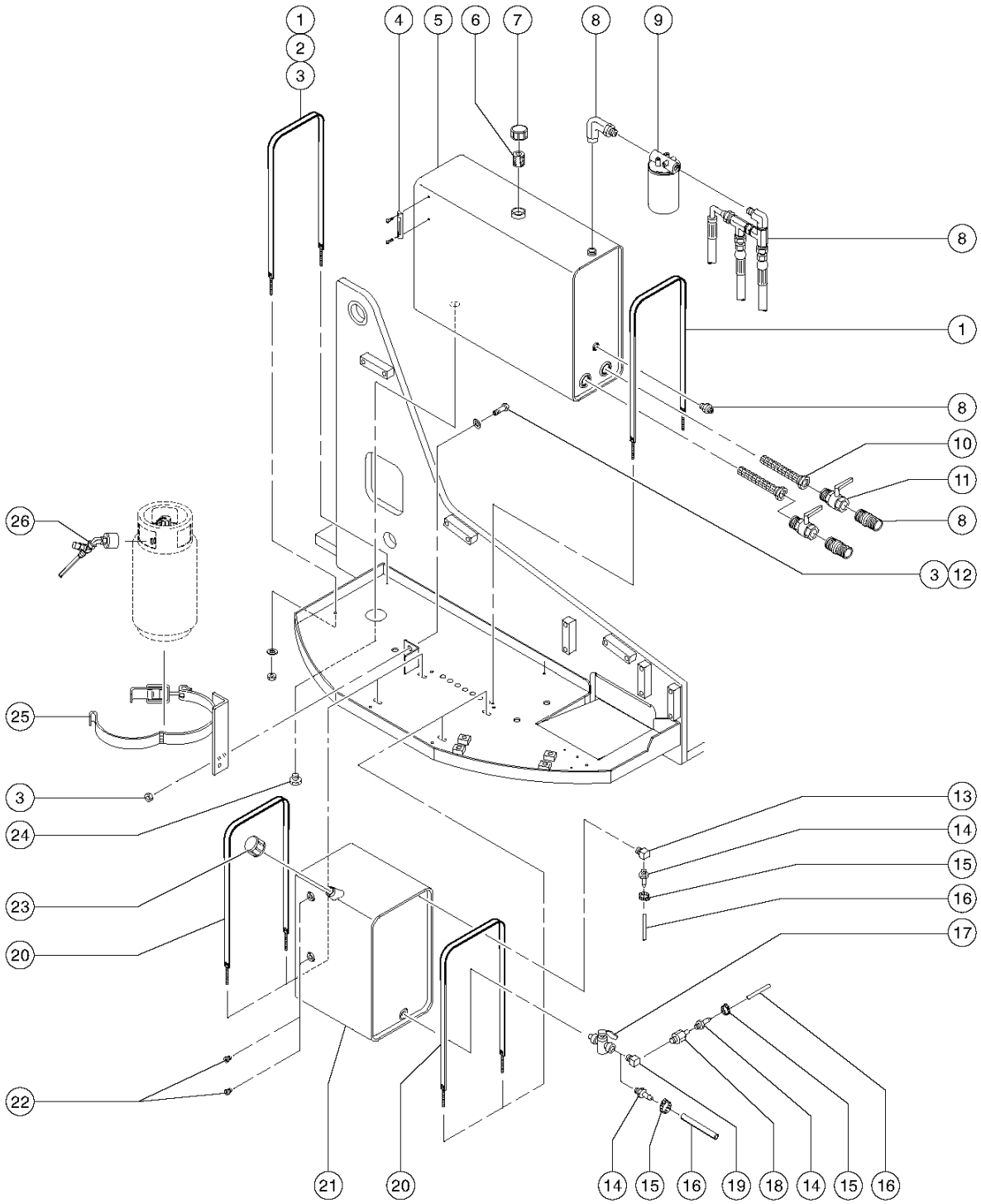
Item	Part No.	Description	Qty.
1	89617GT	POWER UNIT,AUX PUMP 12VDC to SN 314	1
1-	27914GT	MOTOR,12V DC (24573) use with APU 27648; to SN 314	1
1-	32811GT	POWER UNIT,AUX PUMP 12VDC** from SN 315	1
1-	32949GT	MOTOR,12V DC (32810/32811)APU use with APU 32811; from SN 315	1
1-	29417GT	PUMP ASSY.(27648)******** use with APU 27648 and 32811	1
1-	29428GT	VALVE,CHECK use with APU 27648 and 32811	1
1-	29429GT	VALVE,RELIEF use with APU 27648 and 32811	1
1-	29418GT	COUPLER - 27648 POWER UNIT use with APU 27648 and 32811	1
2	8910GT	BOOT,CABLE TERM,MED.RED,4/0	1
3	29226GT	CABLE ASSEMBLY,23.0"	1
4	29305GT	CABLE ASSY,70"	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	6
6	6021GT	WASHER, LOCK, .375	10
7	13002GT	SCREW,HHC,5/16-18 X 1 GR5	4
8	6886GT	WASHER,LOCK,.313	4
9	146169GT	MANIFOLD,FUNCTION	1
10	30229PGT	BRACKET,FUNCTION MANIF,PAINT	2
11	6091GT	NUT,NYLOCK,1/4-20	4
12	6638GT	WASHER, FLAT, USS, 1/4"Y	4
13	4266GT	SCREW,HHC,1/4-20 X 2	2
14	52943GT	NUT, SOLENOID VALVE COIL	1
15	29744GT	COIL,10V	1
16	29066GT	VALVE,SOLENOID,10V,2POS 3WAY** includes index numbers 14 and 15	1
17	30369GT	SOLENOID VALVE,N.C. 2POS. 3WAY includes index numbers 14-16	1
18	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
19	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	
20	6595GT	PLUG,ELECTRICAL,DOMESTIC	1
20-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	1

501.1 Function Manifold / Auxiliary Power Unit



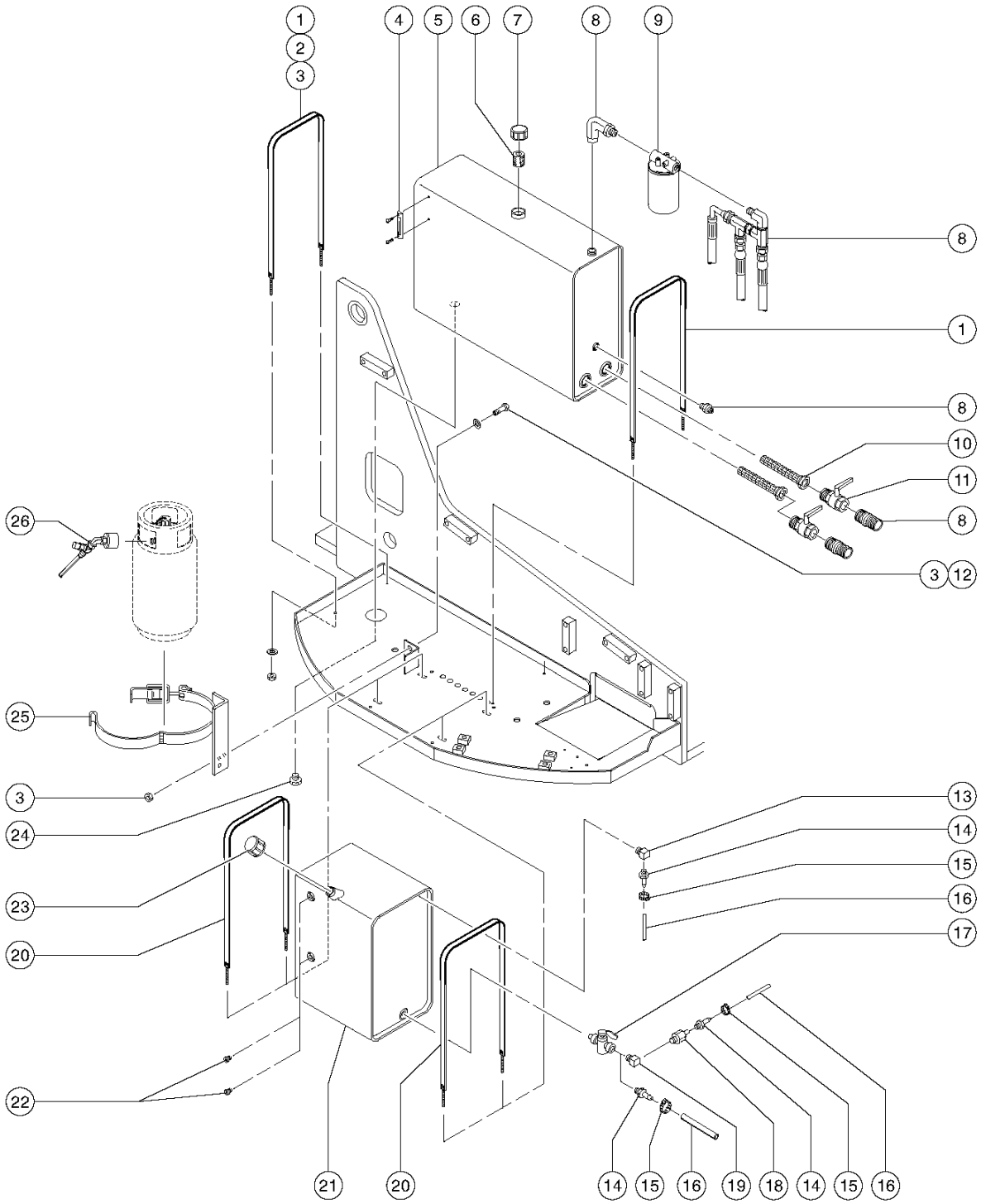
Item	Part No.	Description	Qty.
20-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	1
21	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
22	6198GT	NUT, NYLOCK, 1/2-13	3
23	6095GT	WASHER,FLAT,USS,1/2",Y	6
24	8177GT	SCREW,HHC,1/2-13 X 1.5	3
25	30184PGT	WLDMNT,HYD.TANK MODULE PLATE**	1
26	6175GT	SCREW,HHC,3/8-16 X 1	6
27	6097GT	WASHER, FLAT, USS, 3/8", Y	10
28		Ref Ground Controls (refer to figures 505.1, 506.1 and 506.2)	10
29	44586GT	SENSOR,LEVEL 4.5***	1
30	6888GT	SCREW, HHC, 1/4-20 X 1	2
31	25855PGT	BRACKET,AUX PUMP MOUNT,PAINT	1
32	4828GT	NUT, NYLOCK, 3/8-16	2

502.1 Hydraulic and Fuel Tanks



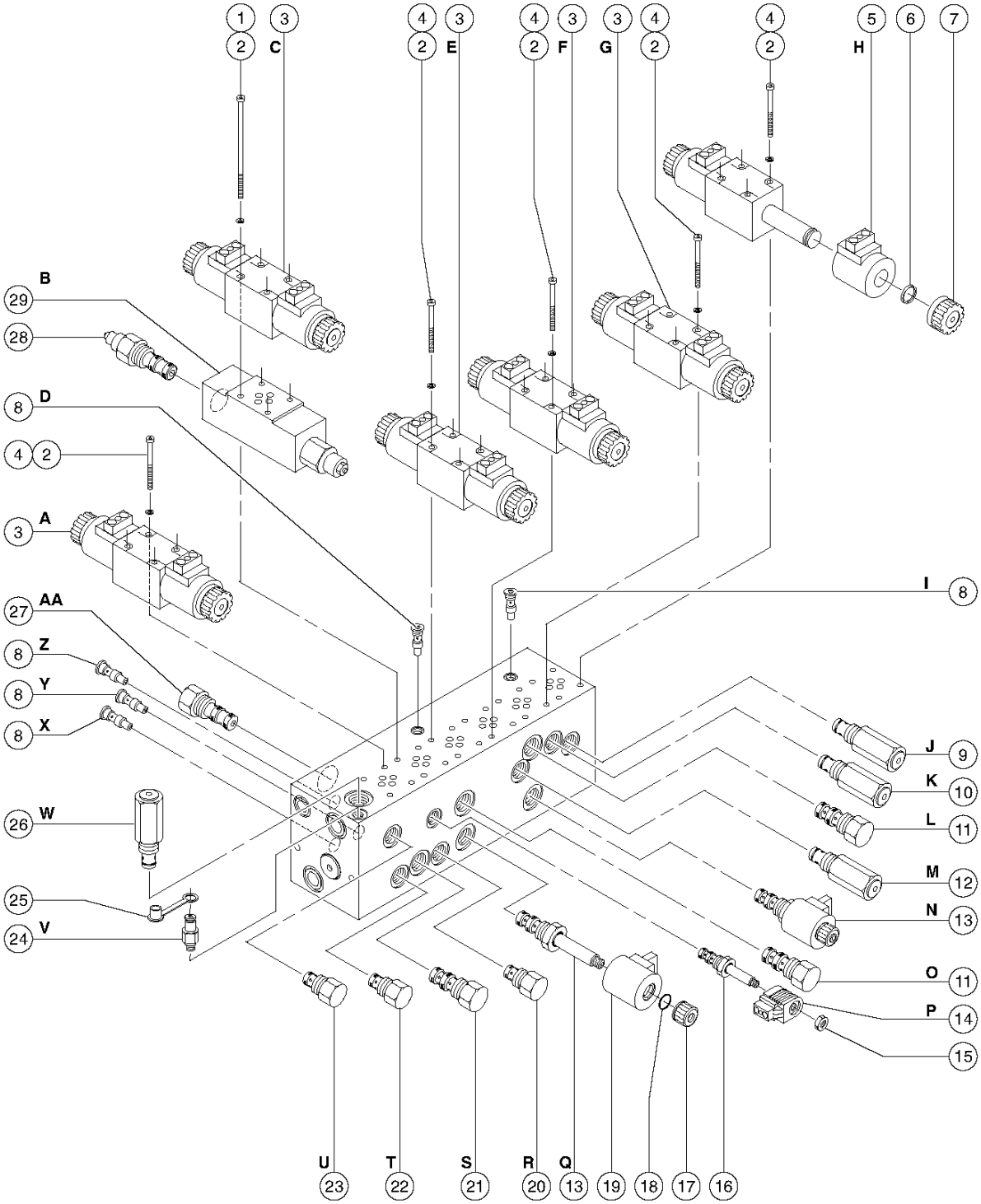
Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
2	4828GT	NUT, NYLOCK, 3/8-16	12
3	6097GT	WASHER, FLAT, USS, 3/8", Y	12
4	21141GT	GAUGE-SIGHT,LHA-LGTB*** includes mounting fasteners	1
5	53353GT	TANK,HYDRAULIC,45 GALLON*** includes index number 6 and 24	1
6	31506GT	STRAINER,FILLER NECK	1
7		Breather Cap Part is no longer available	1
8		Ref. Hydraulic Hoses & Fittings (refer to figure 508.1)	1
9	29908GT	FILTER ASSY W/INDICATOR LH	1
9-	20293GT	FILTER ELEMENT-10MICRON.**	1
10	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
11	30347GT	VALVE,BALL,1" MPT X FPT	2
12	6175GT	SCREW,HHC,3/8-16 X 1	4
13	19363GT	ELBOW,130239-4-4 Deutz Diesel models	1
13	18218GT	PLUG,PIPE,HEX HEAD,STL,1/4NPT Gasoline/LPG models	1
14	29137GT	HOSE END,MALE.25 X .25 MPT*** Deutz Diesel models	2
14-	29137GT	HOSE END,MALE.25 X .25 MPT*** Gasoline/LPG models	1
15	21465GT	CLAMP,HOSE, .25" TO .63" X .3125" Deutz Diesel models	2
15-	21465GT	CLAMP,HOSE, .25" TO .63" X .3125" Gasoline/LPG models	1
16	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7 Deutz Diesel models	
16-	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7 Gasoline/LPG models	
17	19487GT	VALVE, FUEL LOCK	1
18	139898GT	SOLENOID-GASOLINE FUEL Gasoline/LPG models	1
19	19606GT	ELBOW,130339-4-4 Gasoline/LPG models	1
20	30179GT	TANK STRAP,BOLT STYLE,62"	2
21	30090PGT	FUEL TANK,20 GAL,PAINTED	1
22	30128GT	VIEW GAUGE 3/4 MPT	2
23	25567GT	CAP,FUEL,GREEN* Deutz Diesel models	1

502.1 Hydraulic and Fuel Tanks



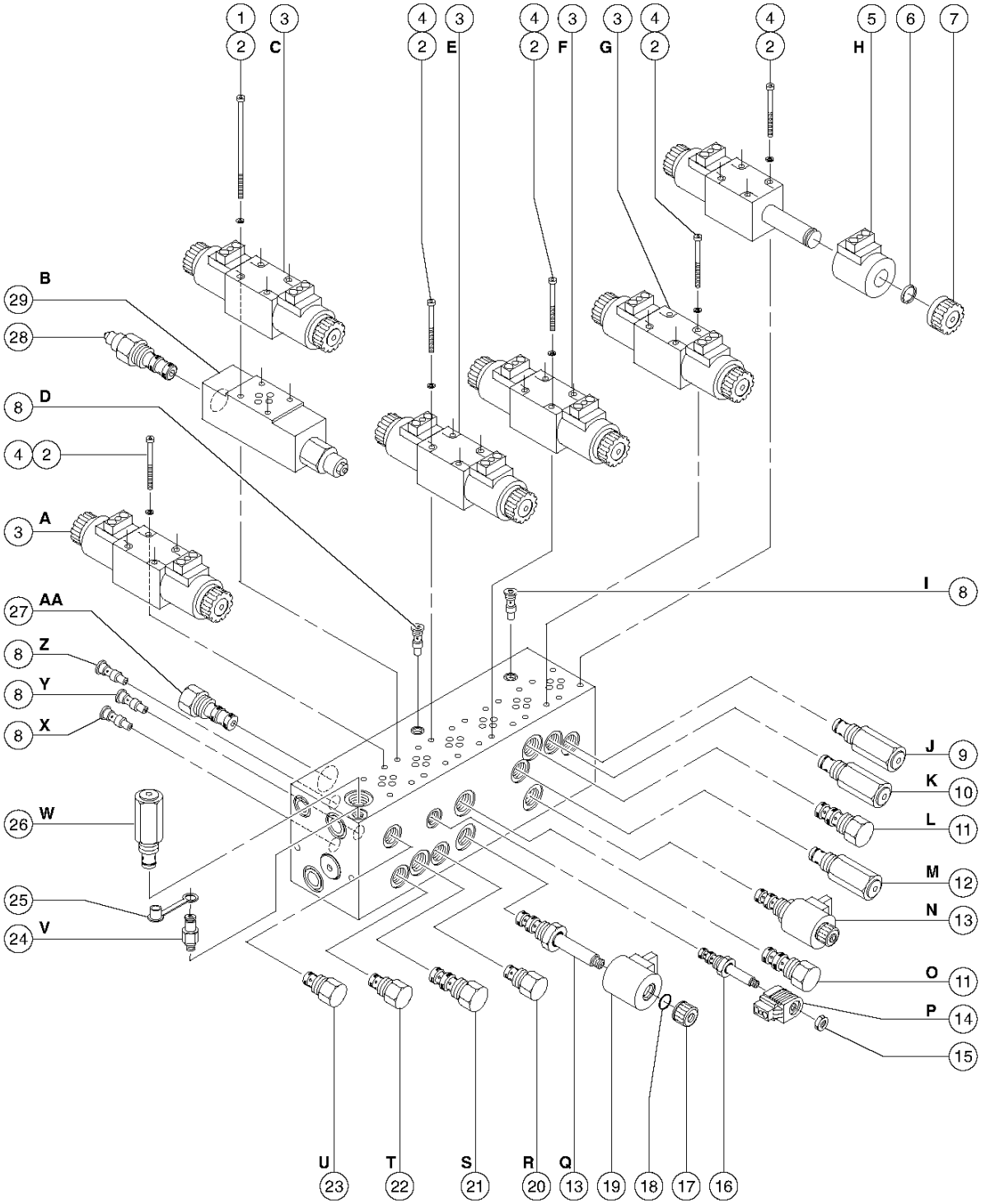
Item	*Part No.*	*Description*	*Qty.*
23-	28829GT	CAP,FUEL,RED*** ..... Gasoline/LPG models	1
24	31507GT	PLUG,SQUARE HEAD,3/4 MPT	1
25	30256GT	WELDMENT,LP TANK BRACKET**	1
26	30275GT	HOSE ASSEMBLY,LP. 137"	1

503.1 Function Manifold



Item	Part No.	Description	Qty.
	146169GT	MANIFOLD,FUNCTION does not include index numbers 24 and 25	
	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	40617GT	SCREW,SHC,10-24 X 4	4
2	6607GT	WASHER,LOCK,#10 PLTD	24
3	146165GT	VALVE KIT,D03 includes index numbers 5, 6 and 7. kit comes with two inch screws, if customer needs four inch screws refer to 40617.	6
4	43255GT	SCREW,SHC,10-24 X 2	20
5	223763GT	COIL WITH DE CONNECTOR Previous coil part 41771 is no longer available, must upgrade original valve with a newer valve part 146165.	12
6	48648GT	O-RING, D03 COIL	12
7	48649GT	NUT-D03 COIL	12
8	27807GT	VALVE,CHECK***	5
8-	110200GT	SEAL KIT, VALVE, #4	5
9	27805GT	VALVE,RELIEF	1
10	31527GT	VALVE,RELIEF 1800 PSI	1
11	27802GT	VALVE,DIFFERENTIAL SENSING***	2
12	31528GT	VALVE,RELIEF 1600 PSI	1
13	27801GT	VALVE,PROPORTIONAL SOLENOID*** includes index numbers 17, 18 and 19	2
14	21444GT	COIL,12 VOLT (21299 MANIFOLD)	1
15	52943GT	NUT, SOLENOID VALVE COIL	1
16	19995GT	VALVE,SOLENOID,2 WAY,12V includes index numbers 14 and 15	1
17	45921GT	RETAINER-N.C.PROPOR.SOLENOID	2
18	45914GT	O-RING, DO1 VALVE	2
19	21935GT	COIL, 12V, 19972/21623/29069	2
20	31100GT	VALVE,FLOW REGULATOR 0.6GPM	1
21	27804GT	VALVE,DIFFERENTIAL SENSING***	1

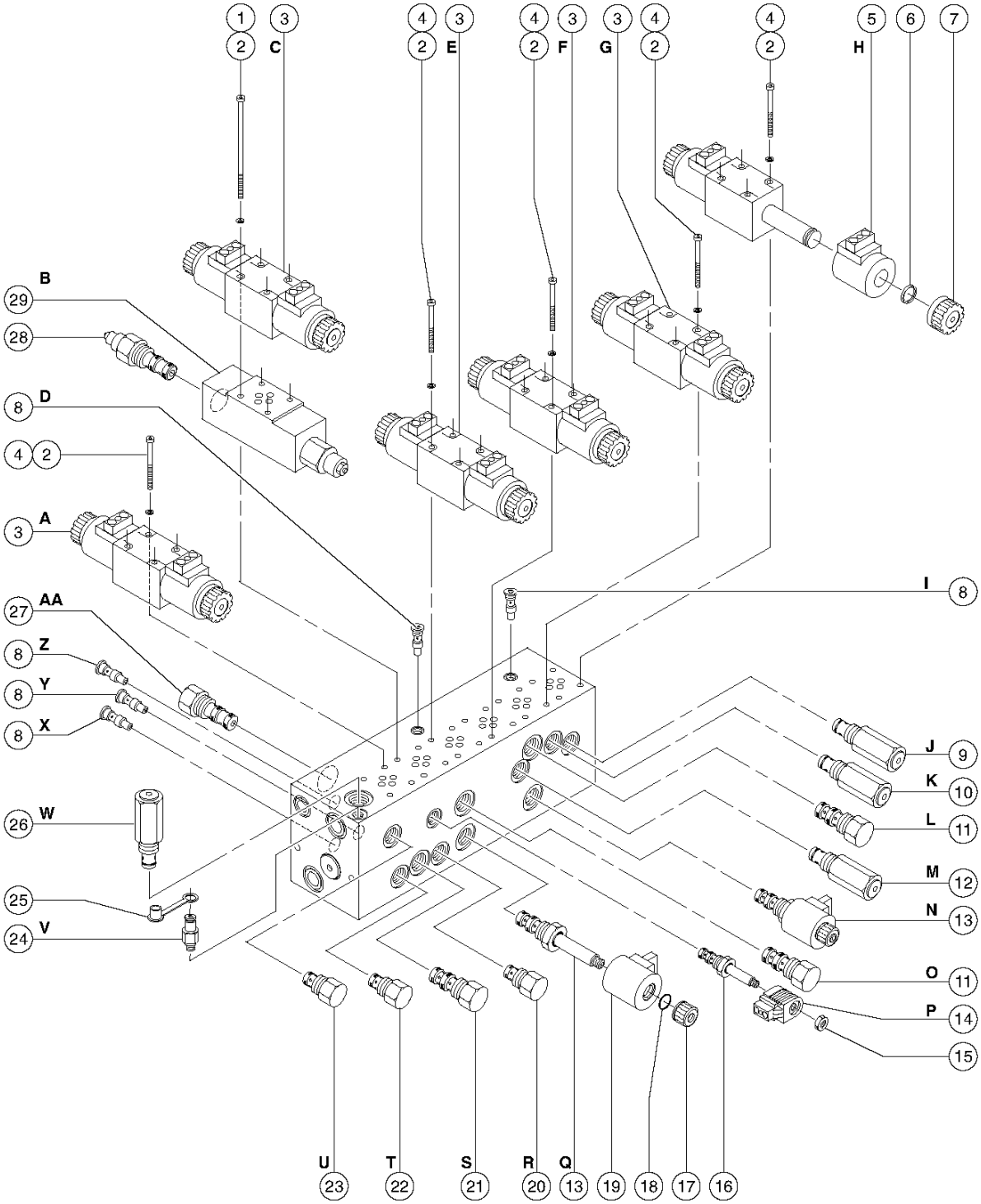
503.1 Function Manifold



503.1 Function Manifold

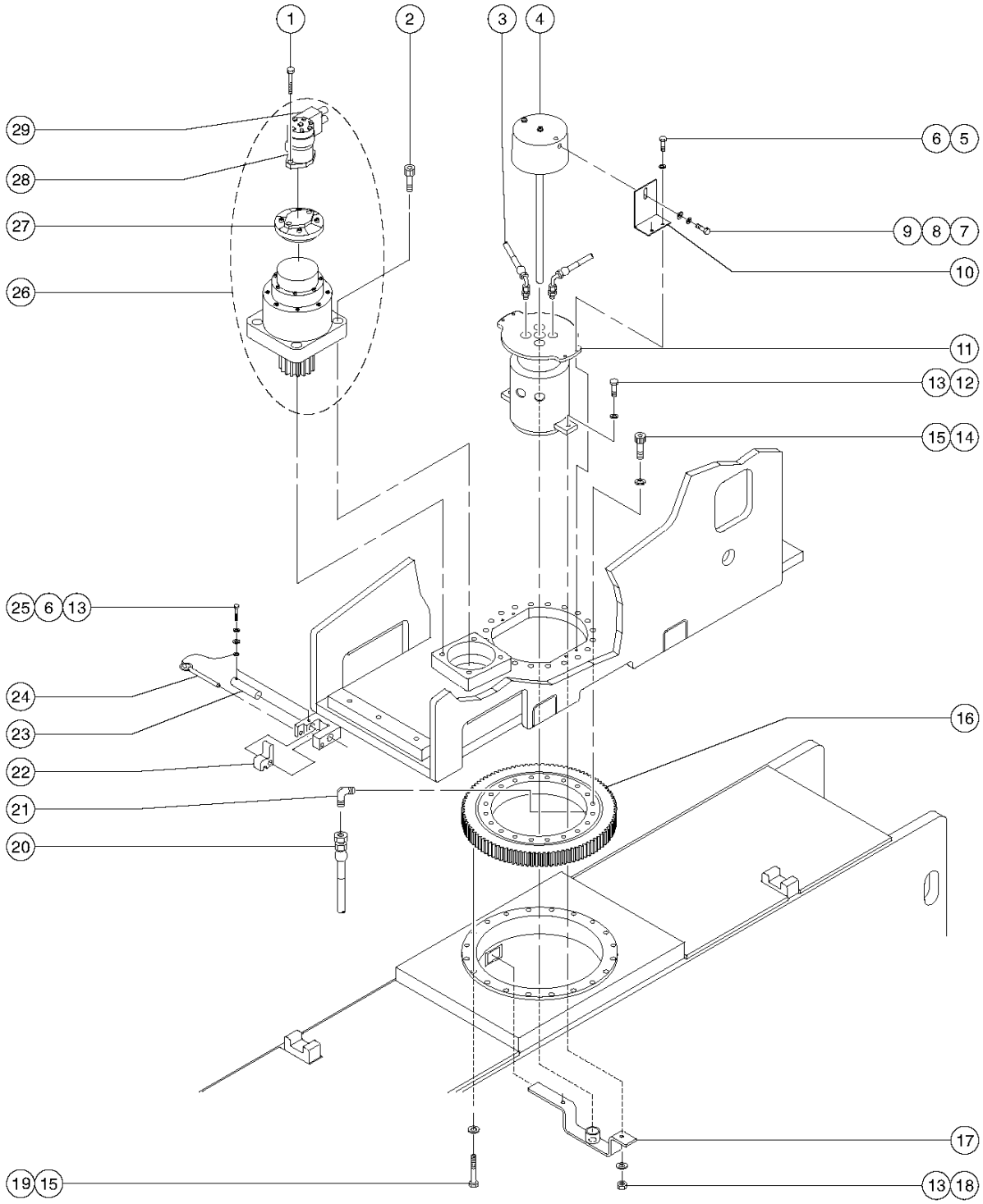
Item	Part No.	Description	Qty.
22	19470GT	VALVE,FLOW REGULATOR	1
23	32975GT	VALVE,FLOW REGULATOR 0.1 GPM	1
24	48997GT	NIPPLE,DIAGNOSTIC,#4	1
24-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
25	48880GT	CAP,DIAGNOSTIC NIPPLE	1
26	31529GT	VALVE,RELIEF 2400 PSI***	1
27	31102GT	VALVE,FLOW REGULATOR	1
28	65462GT	VALVE,COUNTERBALANCE (65461)	2
29	65461GT	COUNTERBLNCE SANDWICH(30283) includes index number 28	1
A		D03 Valve Jib Boom Up/Down and Platform Rotate Left/Right	
B		Counterbalance Valve Platform Level Up/Down	
C		D03 Valve Platform Level Up/Down	
D		Check Valve Differential Sensing Circuit, Turntable Rotate Left/Right and Primary Boom Extend/ Retract	
E		D03 Valve Turntable Rotate Left/Right	
F		D03 Valve Secondary Boom Up/Down	
G		D03 Valve Primary Boom Up/Down	
H		D03 Valve Primary Boom Extend/Retract	
I		Check Valve Differential Sensing Circuit, Primary and Secondary Boom	
J		Relief Valve, 1200 psi (83 bar) Primary Boom Extend	
K		Relief Valve, 1800 psi (124 bar) Primary Boom Down	
L		Flow Regulator Primary and Secondary Boom Circuit	
M		Relief Valve, 1600 psi (110 bar) Secondary Boom Down	
N		Proportional Solenoid Valve Primary and Secondary Boom Up/Down	
O		Flow Regulator Turntable Rotate Left/Right and Primary Boom Extend/Retract Circuit	
P		Solenoid Valve - N.C. 2 position 2way Platform Level Circuit	
Q		Proportional Solenoid Valve Turntable Rotate Left/Right and Primary Boom Extend/Retract	
R		Flow Regulator Valve, 0.6 gpm (2.3 l/min) Platform Level Circuit	
S		Differential Sensing Valve Meters flow to functions	

503.1 Function Manifold



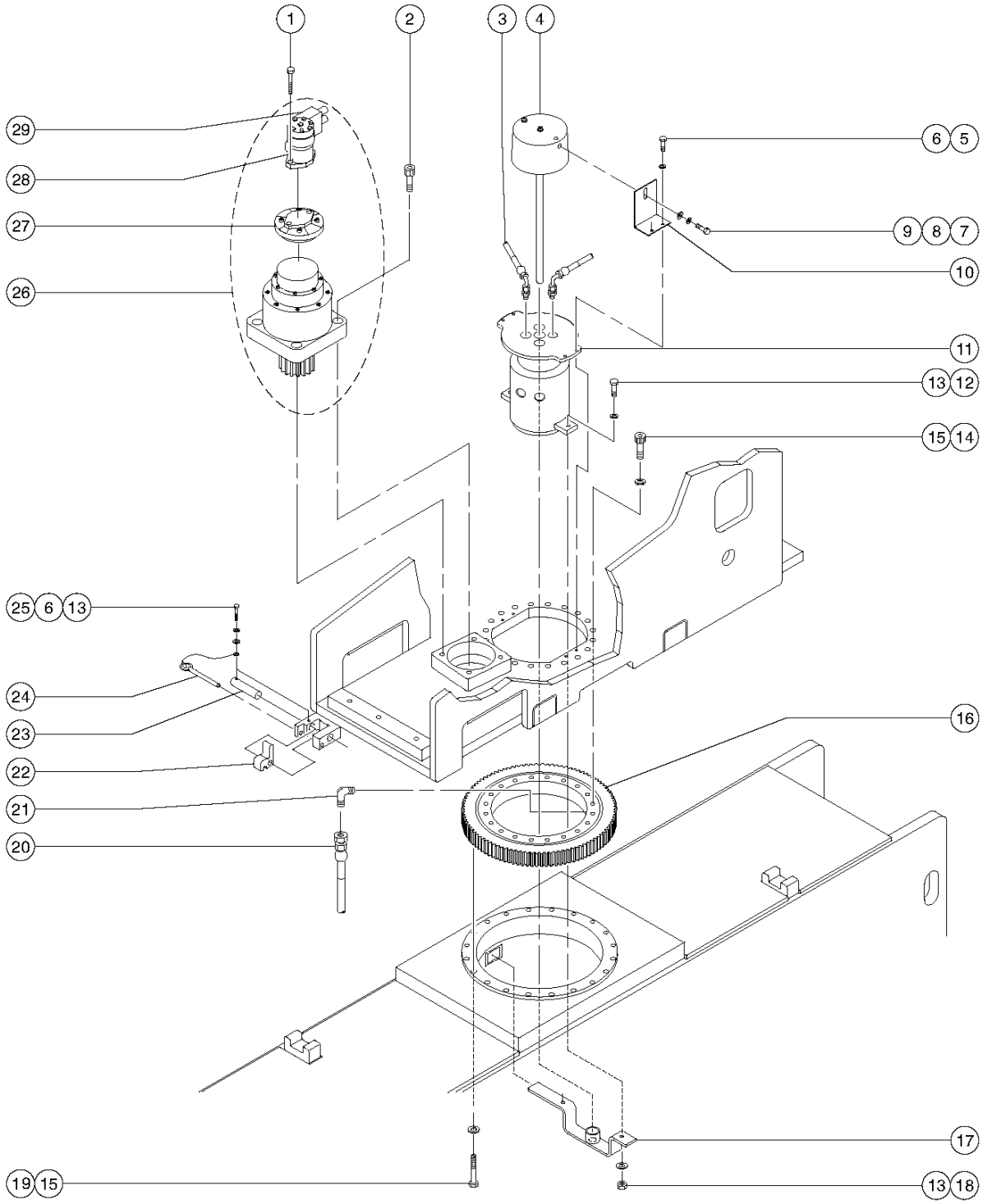
Item	Part No.	Description	Qty.
T		Flow Regulator Valve, 1.5 gpm (5.7 l/min) Platform Rotate/Jib Boom Circuit	
U		Flow Regulator Valve, 0.1 gpm (0.4 l/min) Bleeds off differential sensing valves to tank	
V		Diagnostic Nipple Testing	
W		Relief Valve, 2400 psi (166 bar) System Relief	
X		Check Valve Differential Sensing Circuit, Jib Boom Down/Platform Rotate Right	
Y		Check Valve Differential Sensing Circuit, Jib Boom Up/Platform Rotate Left	
Z		Check Valve Differential Sensing Circuit, Platform Level	
AA		Priority Flow Regulator Valve, 3 gpm (11.4 l/min) Steer Left/Right Circuit	

504.1 Turntable Rotator and Hydraulic and Electrical Rotary Couplers



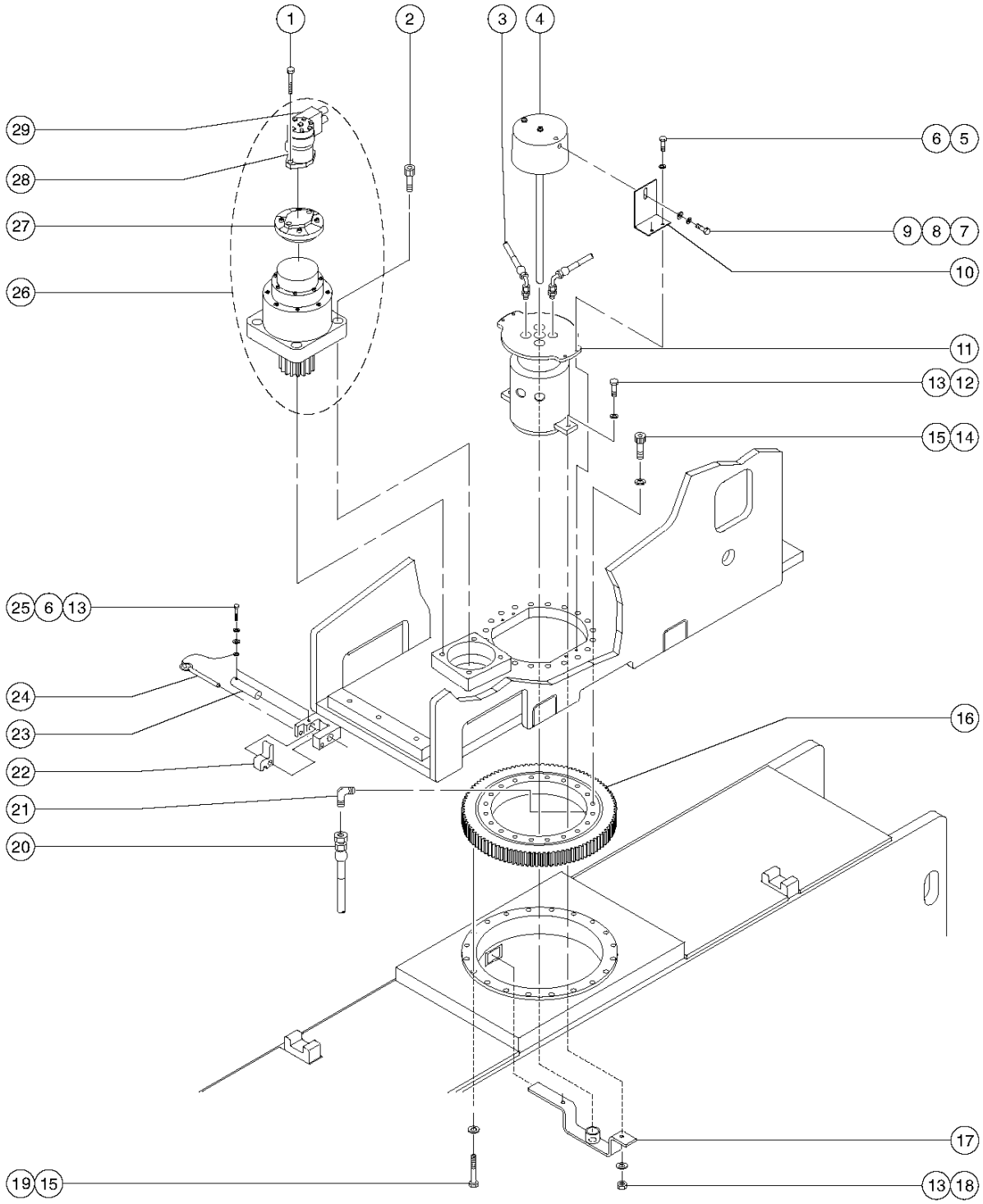
Item	Part No.	Description	Qty.
1	56843GT	SCREW,SHC,1/2-13 X 1.50,A574	4
2	73455GT	SCREW,HHC,5/8-11 X 2.25 GR8	4
3		Ref. Hydraulic Hoses & Fittings (refer to figure 508.1)	4
4	25225GT	COUPLER,ELECTRIC ROTARY	1
4-	29419GT	BRUSH & HOLDER ASSY,25225 SWIV	1
4-	29735GT	MICROSWITCH,ELECTRIC ROTARY	1
4-	29734GT	HARNESS,WIRE,ROTARY/CNTRL.BOX	1
4-	29733GT	HARNESS,WIRE,ROTARY/MANIFOLD	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
6	6021GT	WASHER, LOCK, .375	4
7	10587GT	SCREW,HHC,1/2-13 X.75	1
8	6033GT	WASHER,LOCK,0.5"	1
9	13066GT	WASHER,FLAT,.5 HARDENED	3
10	27654PGT	ELEC.SWIVEL LOCK ANGLE,PAINT	1
11	44369GT	HYDRAULIC SWIVEL,4 PORT,Z60 44369 no longer available; for replacement, order 1293480, below.	1
11-	44613GT	SEAL KIT,SWIVEL (44369) for 44369	1
11-	37406GT	SEAL KIT,HYD SWIVEL (37403)	1
11-	29420GT	SEAL KIT,SWIVEL***	1
11-	29419GT	BRUSH & HOLDER ASSY,25225 SWIV	1
11-	29735GT	MICROSWITCH,ELECTRIC ROTARY	1
11-	29734GT	HARNESS,WIRE,ROTARY/CNTRL.BOX	1
11-	29733GT	HARNESS,WIRE,ROTARY/MANIFOLD	1
11B	1293480GT	SWIVEL,HYDRAULIC,4PORT,Z60,LDI	
11B-	1293484GT	SEAL KIT,SWIVEL,HYD (1293480) for 1293480	
12	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
13	5397GT	WASHER, FLAT, USS, 5/16-18	6
14	45066GT	SCREW,SHC,5/8-11 X 2.25	20
15	13064GT	WASHER,FLAT,.625 HARDENED	40

504.1 Turntable Rotator and Hydraulic and Electrical Rotary Couplers



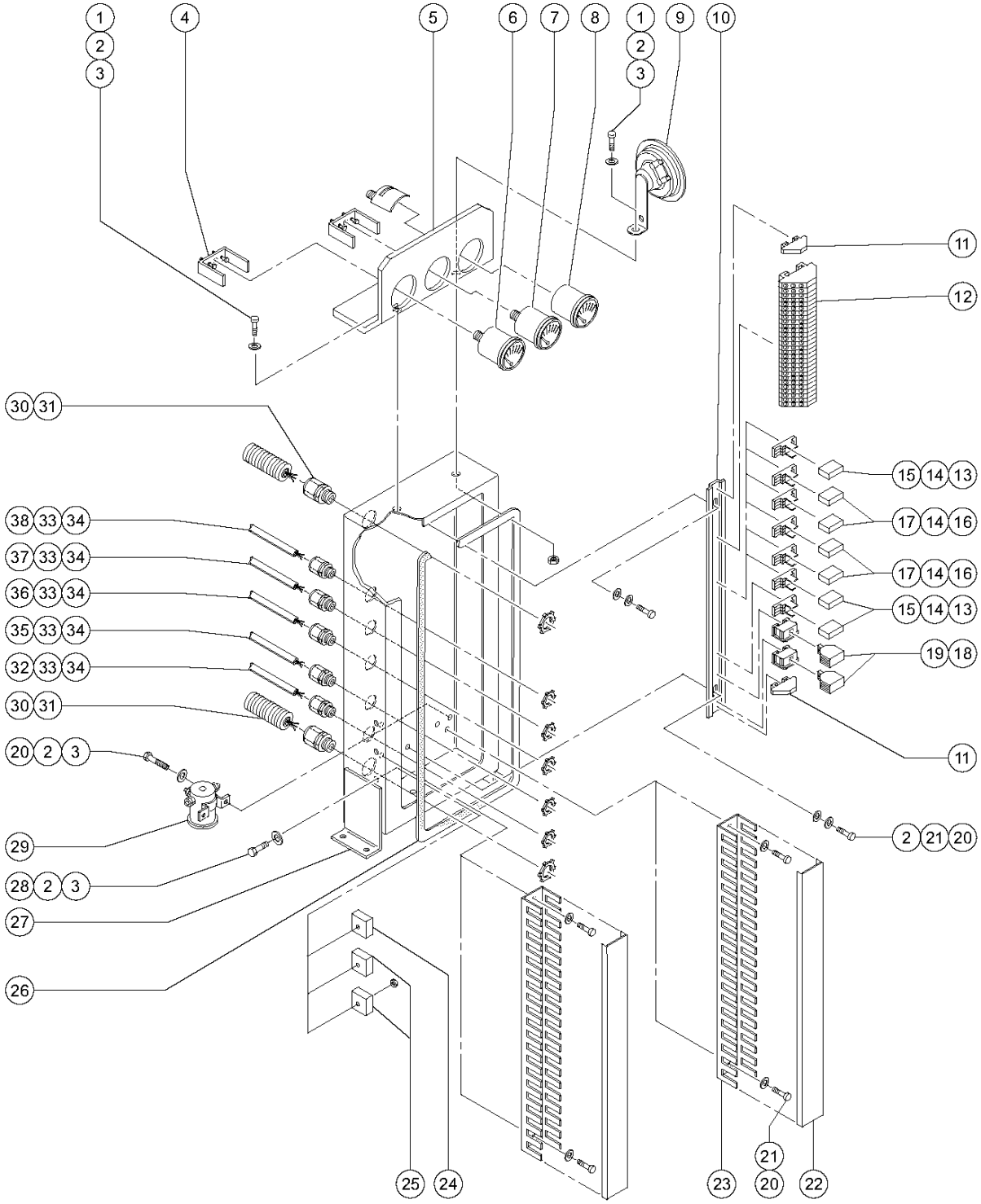
Item	Part No.	Description	Qty.
16	111648GT	BEARING,SERIES 3000	1
17	30262-SGT	WELDMENT,SWIVEL LOCK	1
18	4828GT	NUT, NYLOCK, 3/8-16	2
19	21175GT	SCREW,SHC,5/8-11 X 4,A574	20
20	49189-5438-SGT	HOSE ASSEMBLY,1/4	1
21	49520GT	FITTING,070302-4	1
22	30327PGT	PLATE,ROTATION LOCK	1
23	27728GT	PIN,1.00DIAX4.63LG,1HOLE	1
24	31281GT	ROTATION LOCK RETAINER PIN ASY	1
25	6708GT	SCREW,HHC,3/8-16 X 2.25	1
26	89885GT	SWING DRIVE ASSEMBLY	1
26-	75677GT	SHAFT,OUTPUT,PINION,TURNTABLE use with 89885	
26-	94920GT	TORQUE HUB-SWING*** Does not include brake assembly, swing motor, or manifold, not part of 89800	
26-	22973GT	SEAL KIT,TORQUE HUB (S07) use with 94920	
26-	58916GT	SEAL,SHAFT use with 94920	
26-	31493GT	PINION GEAR use with 94920	
27	73918GT	BRAKE,SWING,2800 IN/LB not part of 89885	1
27-	75686GT	BRAKE ASSEMBLY,TURNTABLE ROT** use with 89885	
27-	75682GT	DISC KIT DRIVE TURNTABLE Z-60* use with 75686	1
27-	75683GT	SPRING,DRIVE TURNTABLE*** use with 75686	1
27-	62466GT	SEAL KIT,BRAKE,TURNTABLE ROT** use with 75686	1
27-	19794GT	GASKET,BRAKE ASSY	1
27-	31501GT	SEAL KIT,MICO	1
27-	31499GT	LINING KIT,MICO	1
27-	31500GT	BEARING KIT,MICO	1
27-	31502GT	SPRING KIT,MICO	1
28	58958GT	MOTOR,SWING DRIVE (53147)	1
28-	62081GT	SEAL KIT, 58958 SWING MOTOR	1

504.1 Turntable Rotator and Hydraulic and Electrical Rotary Couplers



Item	*Part No.*	*Description*	*Qty.*
28-	75684GT	MOTOR,TURNTABLE ROTATION*** ..... part of 89885	1
28-	75685GT	SEAL KIT,MOTOR TURNTABLE*** ..... use with 75684	1
29	31494GT	MANIFOLD ASSY,TURNTABLE ROT	1
29-	31082GT	VALVE,COUNTERBALANCE 2500 PSI*	2
29-	31519GT	O-RING (2-114)	1
29-	45483GT	VALVE,SHUTTLE***	1
29-	40983GT	VALVE,COUNTERBALANCE,1500 PSI	1
29-	37218GT	SCREW,HHC,5/16-18 X 3.00	1
29-	89800GT	MANIFOLD,TURNTABLE ROTATION*** ..... part of 89885	1
29-	75119GT	SEAL KIT,CB VALVE MANIFOLD*** ..... use with 89800	1

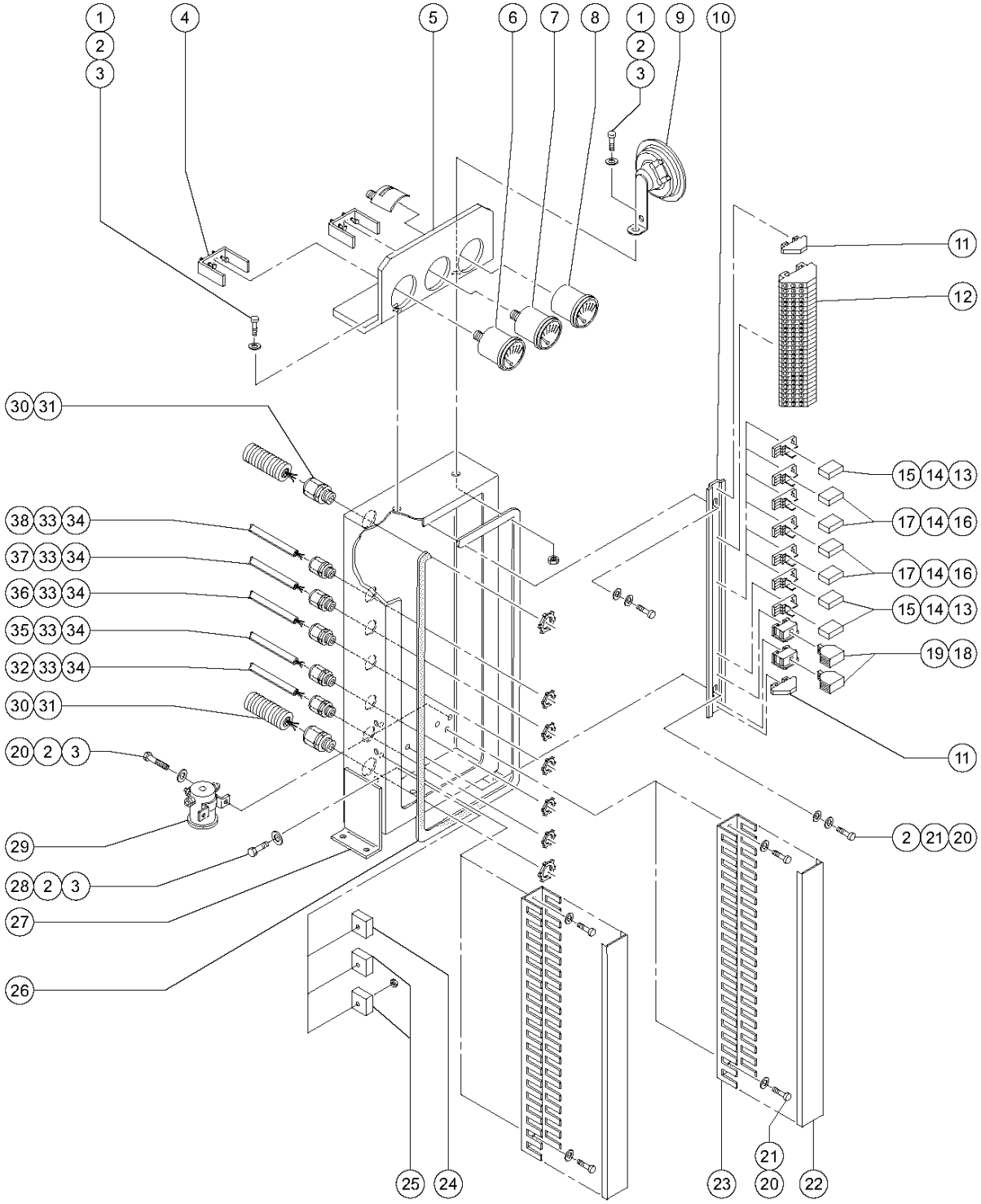
505.1 Ground Controls - View 1



505.1 Ground Controls - View 1

Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	2
2	6638GT	WASHER, FLAT, USS, 1/4"Y	9
3	6889GT	NUT,LP NYLOCK,1/4-20	6
4	30435GT	HOSE ASSY,OIL PRESS.GAUGE	1
5	28112PGT	BRACKET,ENGINE GAUGES,PAINTED	1
6	29262GT	GAUGE, OIL,S60	1
7	29269GT	SWITCH,WATER TEMP,S60 includes sensing probe	1
8	29270GT	VOLT METER,12VDC,S60	1
9	81578GT	HORN,12VDC,SPADE TERMINALS***	1
10	28310GT	DIN RAIL,23.75"	1
11	25974GT	PLASTIC END STOP	2
12	25836GT	TERMINAL BLOCK(SINGLE),WAGO***	50
13	24118GT	RELAY,DPDT,12VDC	3
14	24343GT	RELAY HOLD DOWN	14
15	24119GT	RELAY SOCKET,DPDT,SCREW TERM	3
16	25563GT	RELAY,SPDT,12VDC	4
17	20813GT	SOCKET,RELAY	4
18	25807GT	DIODE BLOCK SUPPRESSION	2
19	25808GT	CARRIER TERMINAL(5 PER BLOCK)	2
20	7339GT	SCREW,HHC,1/4-20 X .5	8
21	6356GT	WASHER, LOCK, .25	6
22	29607GT	WIRING DUCT/COVER, 1 X 72 IN**	
23	29607GT	WIRING DUCT/COVER, 1 X 72 IN**	
24	110154GT	RELAY,TIME DELAY,1 SECOND*** Deutz Diesel models	1
25	147421GT	KIT, RELAY, TIME DELAY 4 SEC includes installation instructions	2
26	28689GT	GASKET,GROUND CONTROL BOX	1
27	31084GT	CONTROL BOX W/LID&DECAL,GRND includes index number 26	1
28	8915GT	SCREW, HHC, 1/4-20 X 1.25	2

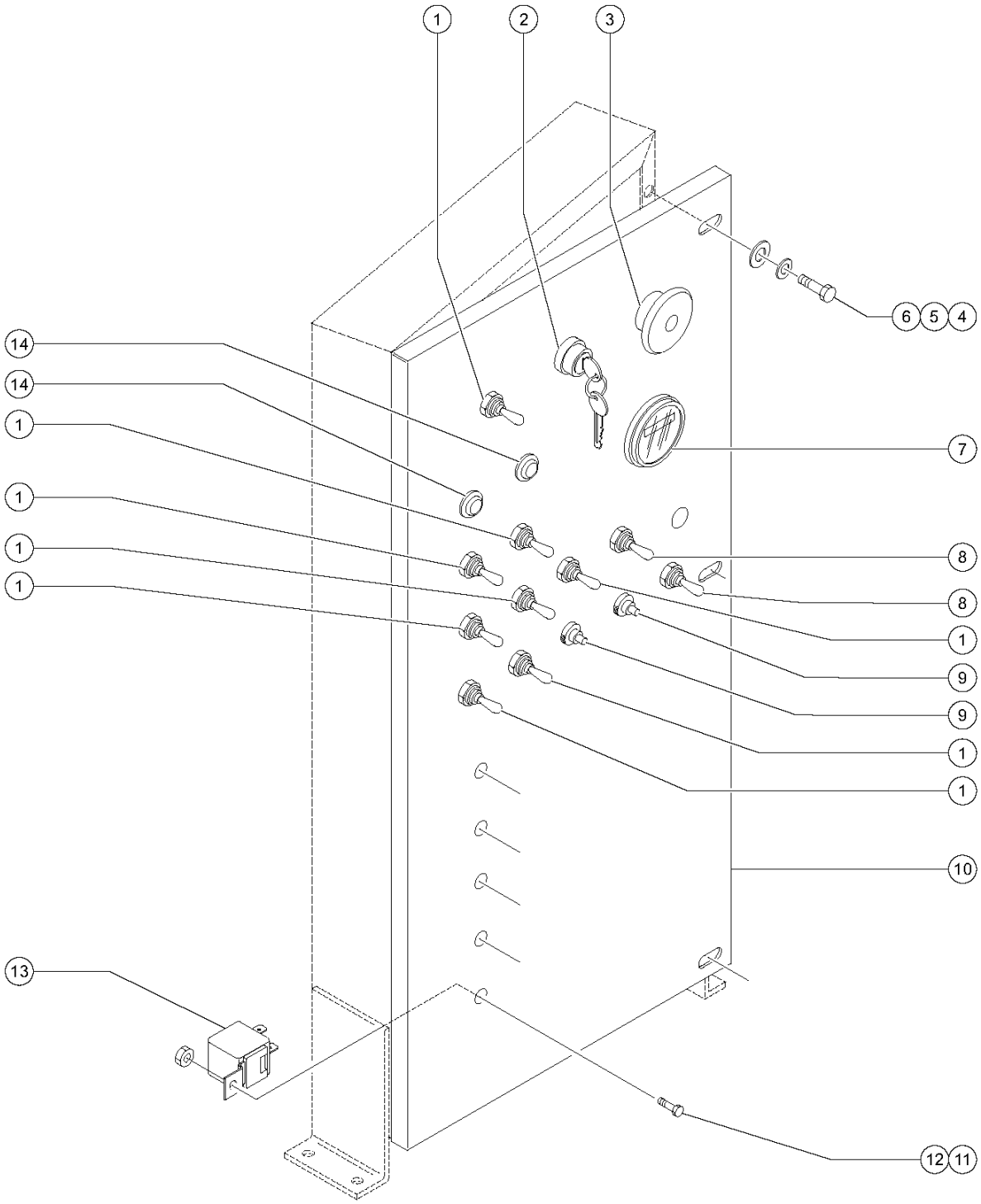
505.1 Ground Controls - View 1



505.1 Ground Controls - View 1

Item	Part No.	Description	Qty.
29	27155GT	SOLENOID,12V CONTINUOUS***	1
30	20776GT	CABLE SQUEEZE CONN	2
31	18665GT	LOCKNUT,ELECTRIC,1" NPT	2
32	29734GT	HARNESS,WIRE,ROTARY/CNTRL.BOX	1
33	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	5
34	14041GT	LOCKNUT,ELECTRIC,3/4"	5
35	35934GT	WIRE CABLE,18/19 CON.TPRJKT	72
36	35934GT	WIRE CABLE,18/19 CON.TPRJKT	10 32
37	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL	10 32
38	35934GT	WIRE CABLE,18/19 CON.TPRJKT	10 32

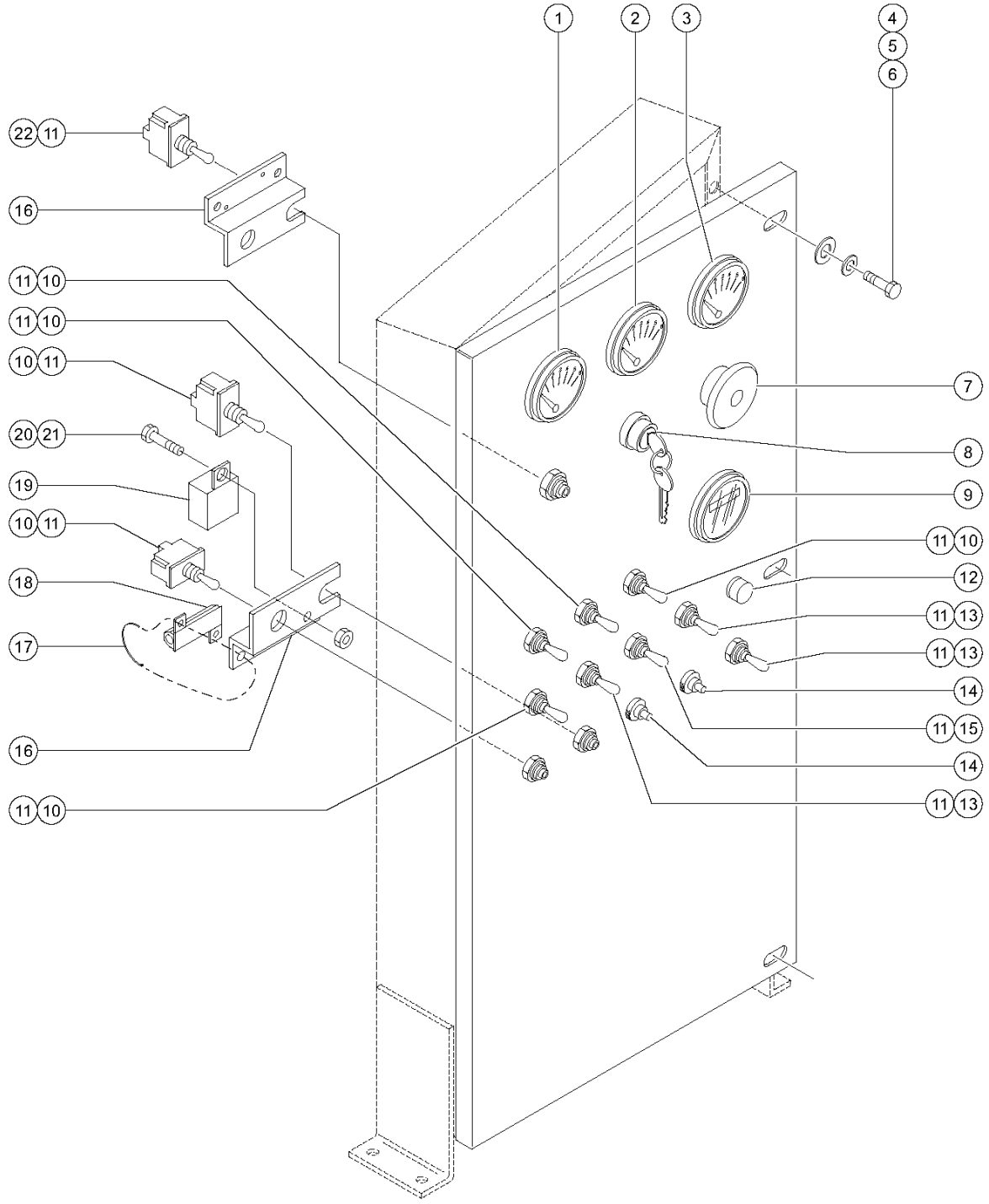
506.1 Ground Controls - View 2 (to serial number 456)



506.1 Ground Controls - View 2 (to serial number 456)

Item	Part No.	Description	Qty.
	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
	27287GT	RESISTOR,10 OHM,25 WATT	
	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	
1	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM includes mounting fasteners	8
2	122512GT	KIT,KEYSWITCH SVC BB & SM BOOM (ANSI, CSA and Australia models), includes parts 66811, 66821, 66816and 122366KEYSWITCH,CONTACTS LOCK	1
2-	122606GT	KIT,KEYSWITCH SVC BB&SM CE (CE models)	1
2-	122366GT	KEYSWITCH,CONTACTS LOCK	1
2-	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** includes keyswitch and two keys, not included: base and contacts.	1
2-	66816GT	CONTACT,N.O.***	1
2-	66821GT	BASE,WITHOUT CONTACTS	1
3	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
3-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
3-	66821GT	BASE,WITHOUT CONTACTS	
3-	66818GT	CONTACT,NC	
3-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
4	6090GT	SCREW, HHC, 1/4-20 X .75	3
5	6356GT	WASHER, LOCK, .25	3
6	6638GT	WASHER, FLAT, USS, 1/4"Y	3
7	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
8	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners	2
9	147094GT	ASSY, CIRCUIT BREAKER 15A includes mounting fasteners	2
10	31084GT	CONTROL BOX W/LID&DECAL,GRND	1
10-	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	2
11	5094GT	SCREW,RHM,10-32 X .5	5
12	6178GT	NUT, NYLOCK, 10-32	5
13	19274GT	RELAY,SPDT,12V(AUTO)**	5
14	23506GT	NEON LIGHT W/RESISTOR, 110V	2

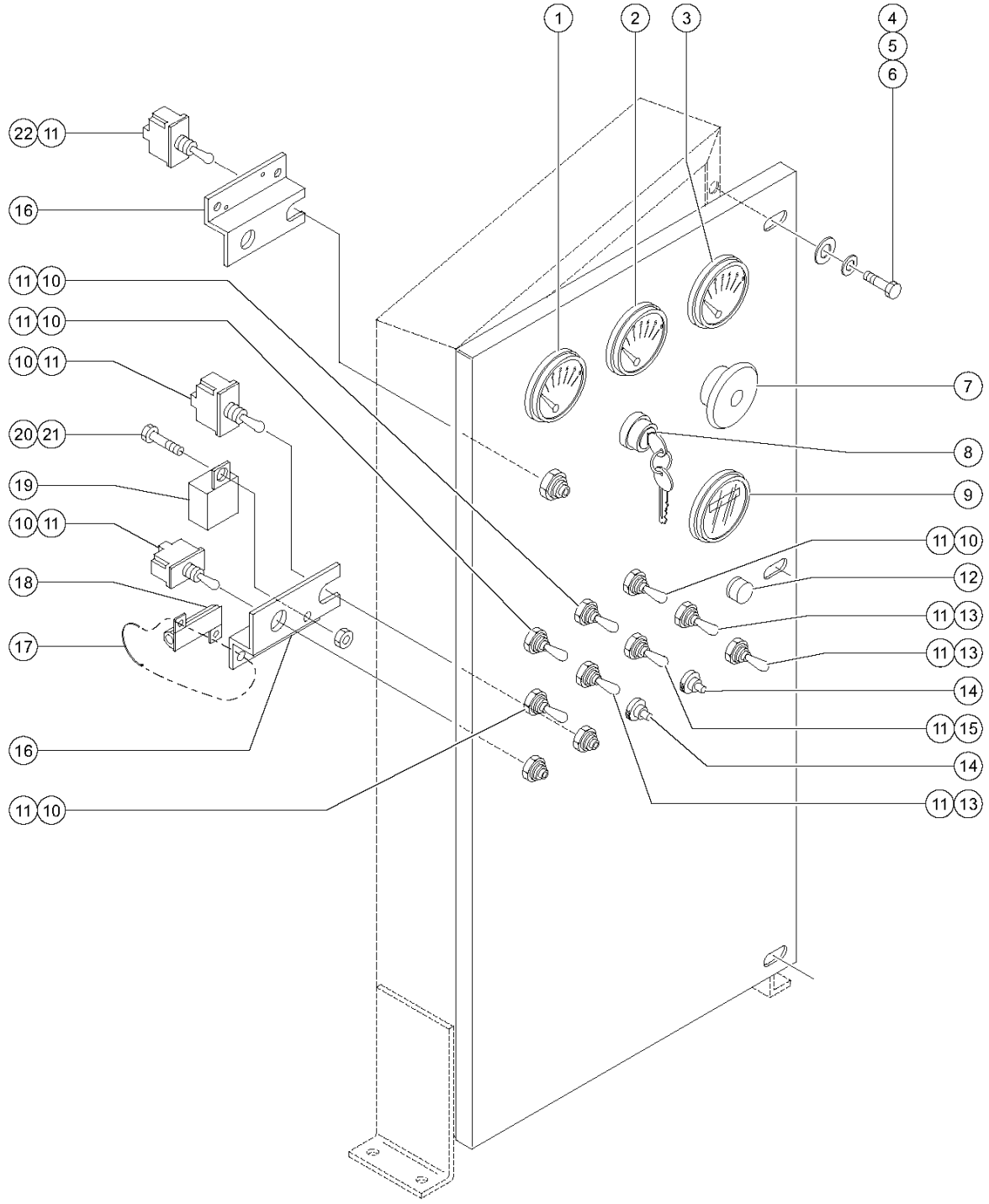
506.2 Ground Controls - View 2 (from serial number 457)



506.2 Ground Controls - View 2 (from serial number 457)

Item	Part No.	Description	Qty.
1	53759-SGT	GAUGE,WATER TEMP includes mounting bracket and fasteners; Gasoline/LPG Models	1
1-	53760-SGT	GAUGE,OIL TEMP includes mounting bracket fasteners; Diesel Models	1
2	53758-SGT	GAUGE,OIL PRESSURE W/O SENDER includes mounting bracket and fasteners	1
3	53761-SGT	GAUGE,VOLTAGE includes mounting bracket and fasteners	1
4	6090GT	SCREW, HHC, 1/4-20 X .75	3
5	6356GT	WASHER, LOCK, .25	3
6	6638GT	WASHER, FLAT, USS, 1/4"Y	3
7	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
7-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
7-	66818GT	CONTACT,NC includes N.C. contacts	1
7-	66821GT	BASE,WITHOUT CONTACTS	1
7-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
8	122512GT	KIT,KEYSWITCH SVC BB & SM BOOM (ANSI, CSA and Australia models), includes parts 66811, 66821, 66816and 122366KEYSWITCH,CONTACTS LOCK	1
8-	122606GT	KIT,KEYSWITCH SVC BB&SM CE (CE models)	1
8-	122366GT	KEYSWITCH,CONTACTS LOCK	1
8-	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** includes keyswitch and two keys, not included: base and contacts.	1
8-	66816GT	CONTACT,N.O.***	1
8-	66821GT	BASE,WITHOUT CONTACTS	1
9	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
10	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM includes mounting fasteners	6
11	27246GT	BOOT,TOGGLE SWITCH,SHORT*	11
12	824879GT	LIGHT,LED IND. RED 12V NH Gasoline/LPG Models	1
12-			1
12-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Diesel Models	1
12-	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners; Diesel Models	1
13	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM includes mounting fasteners	3
14	147094GT	ASSY, CIRCUIT BREAKER 15A includes mounting fasteners	2
15	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners; Gasoline/LPG Models	1

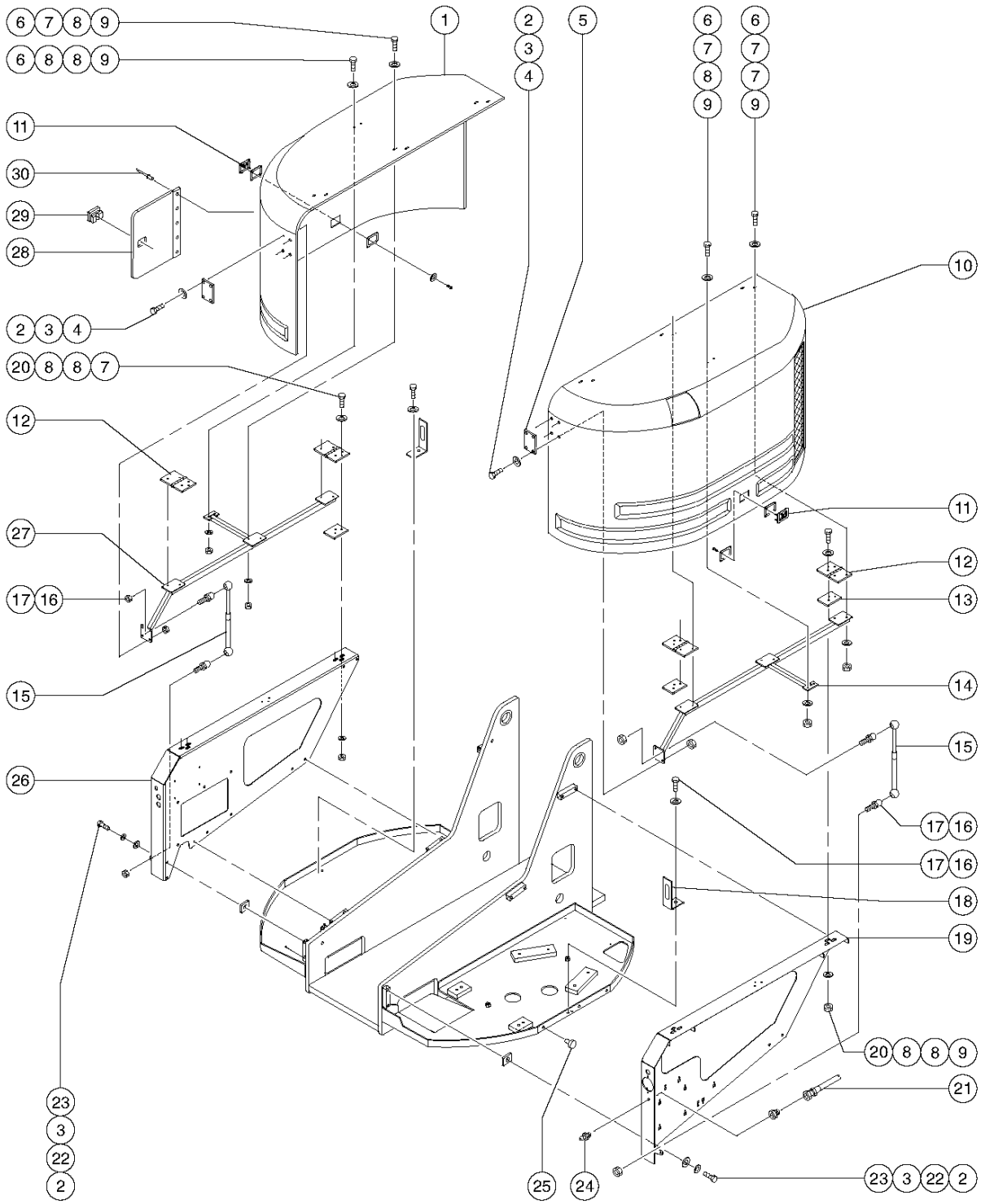
506.2 Ground Controls - View 2 (from serial number 457)



506.2 Ground Controls - View 2 (from serial number 457)

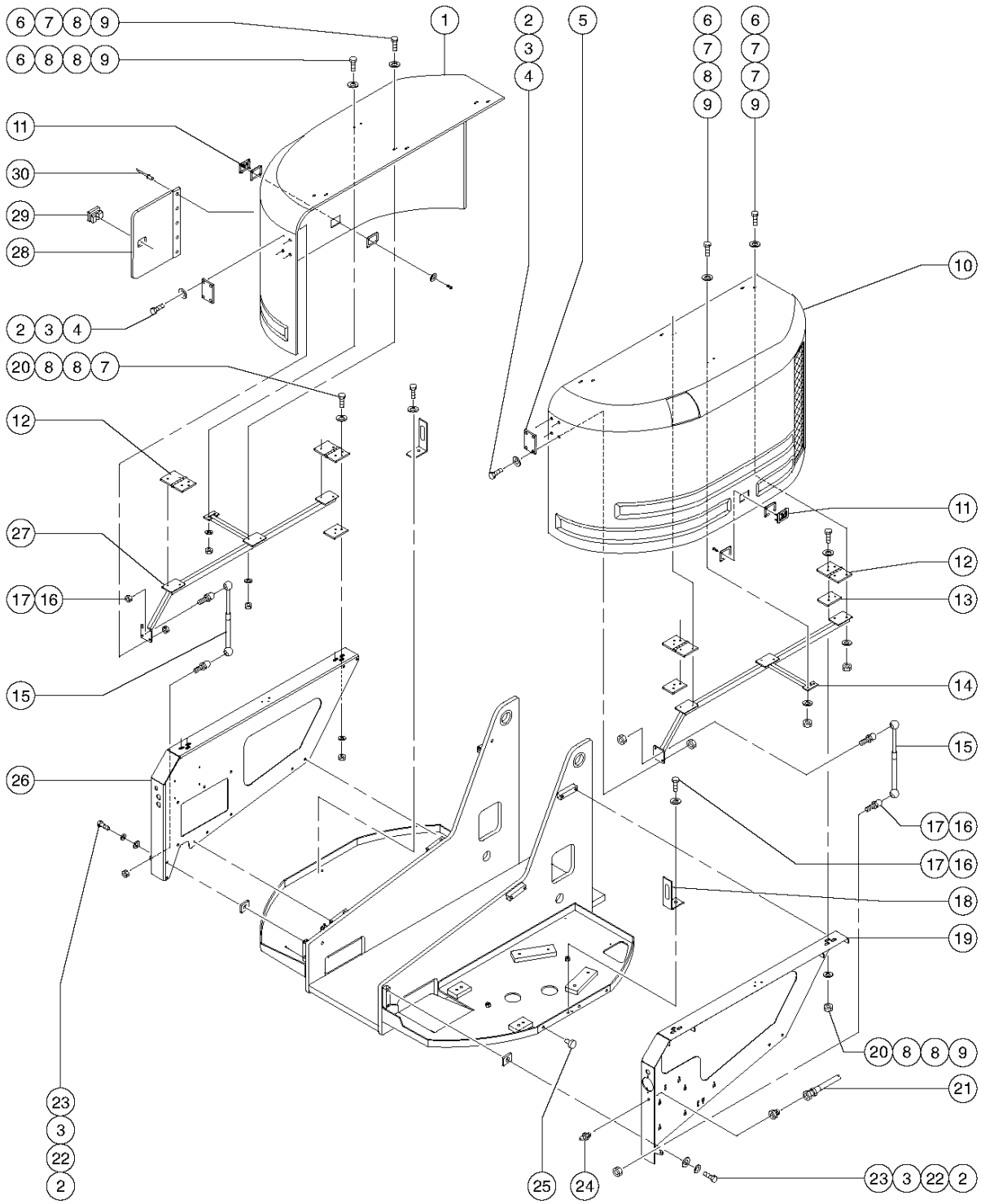
Item	*Part No.*	*Description*	*Qty.*
15-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Diesel Models	1
16	53820GT	BRACKET, PANEL WIRE MOUNTING	2
17	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	2
18	27287GT	RESISTOR,10 OHM,25 WATT	1
19	19274GT	RELAY,SPDT,12V(AUTO)**	1
20	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	1
21	6178GT	NUT, NYLOCK, 10-32	1
22	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM includes mounting fasteners	1

507.1 Turntable Covers



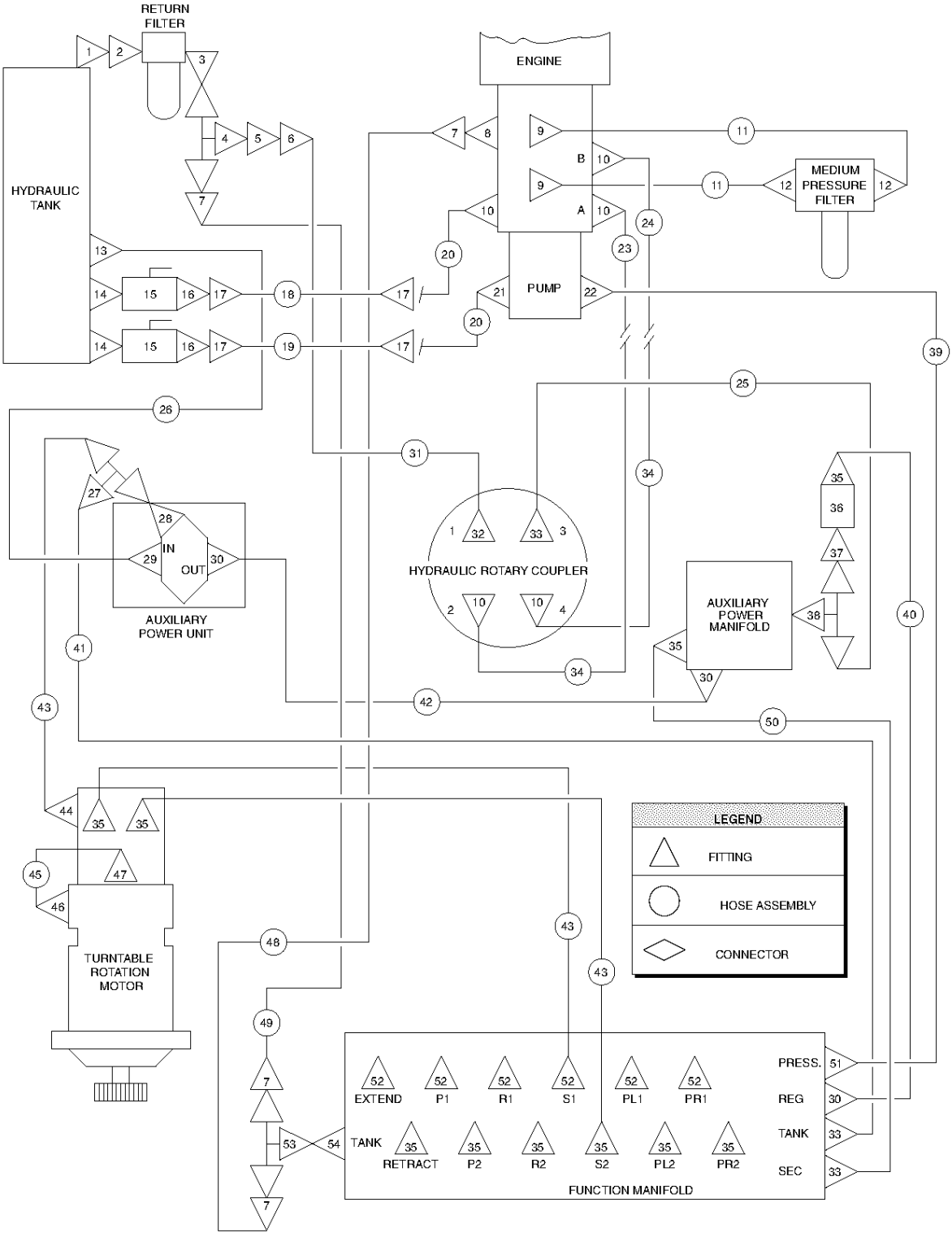
Item	Part No.	Description	Qty.
1		COVER ASSY,TANK SIDE,T.TABLE (31255) ..... component no longer available	1
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
3	5397GT	WASHER, FLAT, USS, 5/16-18	8
4	4828GT	NUT, NYLOCK, 3/8-16	16
5	30378P-SGT	PLATE,REINFORCEMENT,PAINTED	2
6	6888GT	SCREW, HHC, 1/4-20 X 1	16
7	6638GT	WASHER, FLAT, USS, 1/4"Y	16
8	12906GT	WASHER,FENDER,.25 X 1.25 X.062	12
9	6091GT	NUT,NYLOCK,1/4-20	34
10	31246GT	COVER ASSY, ENGINE, DEUTZ ..... includes index numbers 11 and 12	1
11	28125GT	LATCH,FLUSH CUP***	2
11-	29314GT	KEY,LATCH, 1 PAIR (28125)	2
11-	28471GT	PLATE,SWING COVER LATCH	4
12	75073GT	HINGE,.375X.120THK.,SLOTTED	4
13	53707GT	HINGE SPACER	4
14	30375-SGT	WLDMNT.,CVR. REINFORCEMENT RH	1
15	30391GT	GAS STRUT,200 LBS.FORCE	2
15-	27377GT	RETAINER,GAS SPRING***	2
16	27114GT	BALL STUD,1/2" BALL,3/8-16X1.2	4
17	6002GT	NUT, LP NYLOCK, 5/16-18	8
18	30277PGT	COVER LATCH ANGLE,PAINTED	2
19	89625GT	WELDMENT,BULKHEAD,RT SIDE	1
19-	30398-SGT	TAP BLOCK,PLATE HINGE	6
20	6145GT	SCREW, HHC, 1/4-20 X 1.5	18
21	31478GT	HOSE ASSY,54"	1
22	6021GT	WASHER, LOCK, .375	14
23	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	12
24	30430GT	BULKHEAD,FEMALE X 4	1

507.1 Turntable Covers



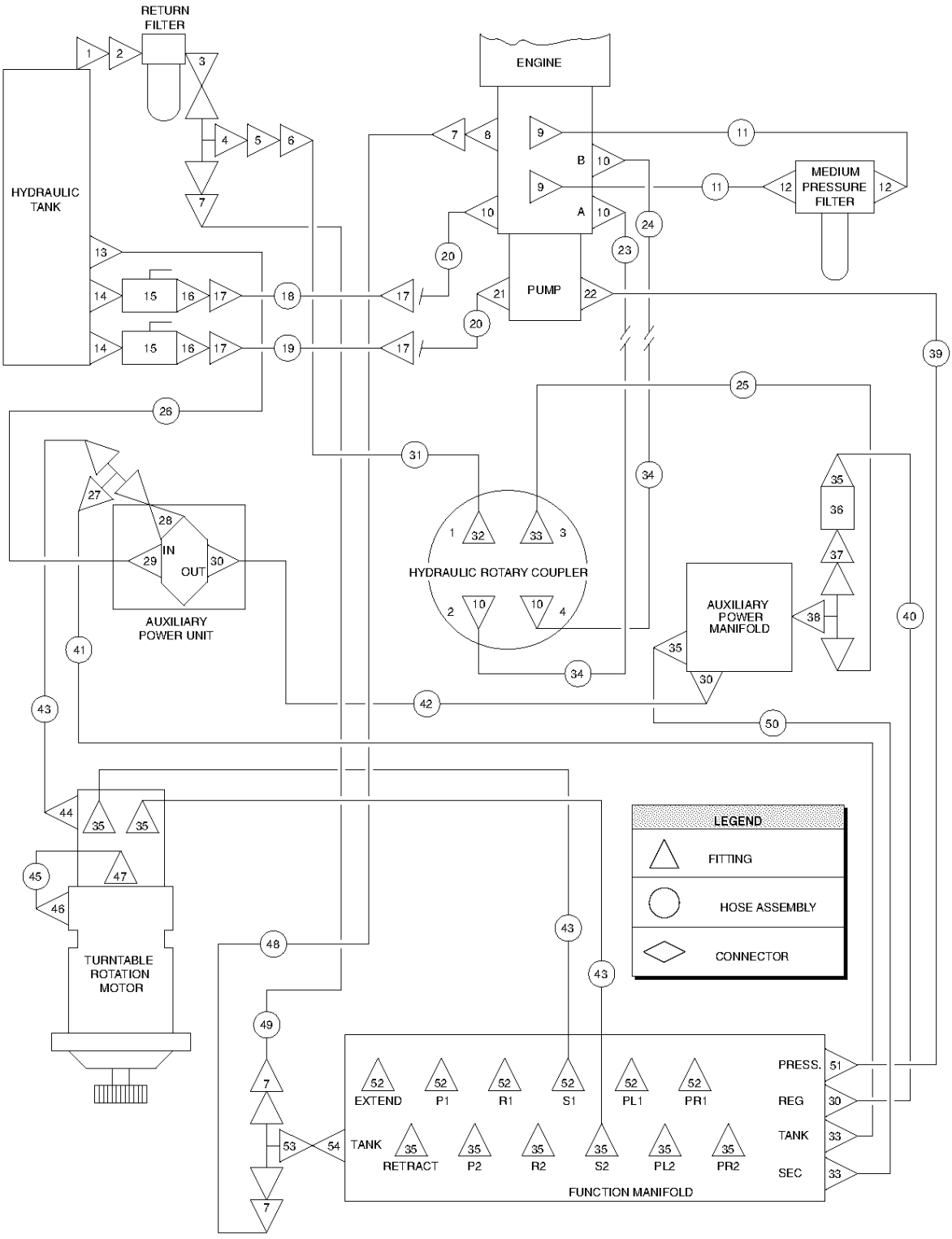
Item	*Part No.*	*Description*	*Qty.*
24-	28646GT	ZERK,GREASE,1/8 NPT	1
25	34619GT	BUMPER,RUBBER***	6
26	89629GT	WELDMENT,BULKHEAD,LEFT SIDE	1
27	30376-SGT	COVER REINFORCEMENT LH	1
28	31503GT	COVER ASSY,GROUND CONTROL includes index number 29	1
29	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	1
29-	49534GT	DOOR LATCH,BASE CONTROL BOX	
30	53189GT	RIVET,ALUM,ALUM,P,.25X.375	7

508.1 Hydraulic Hoses and Fittings



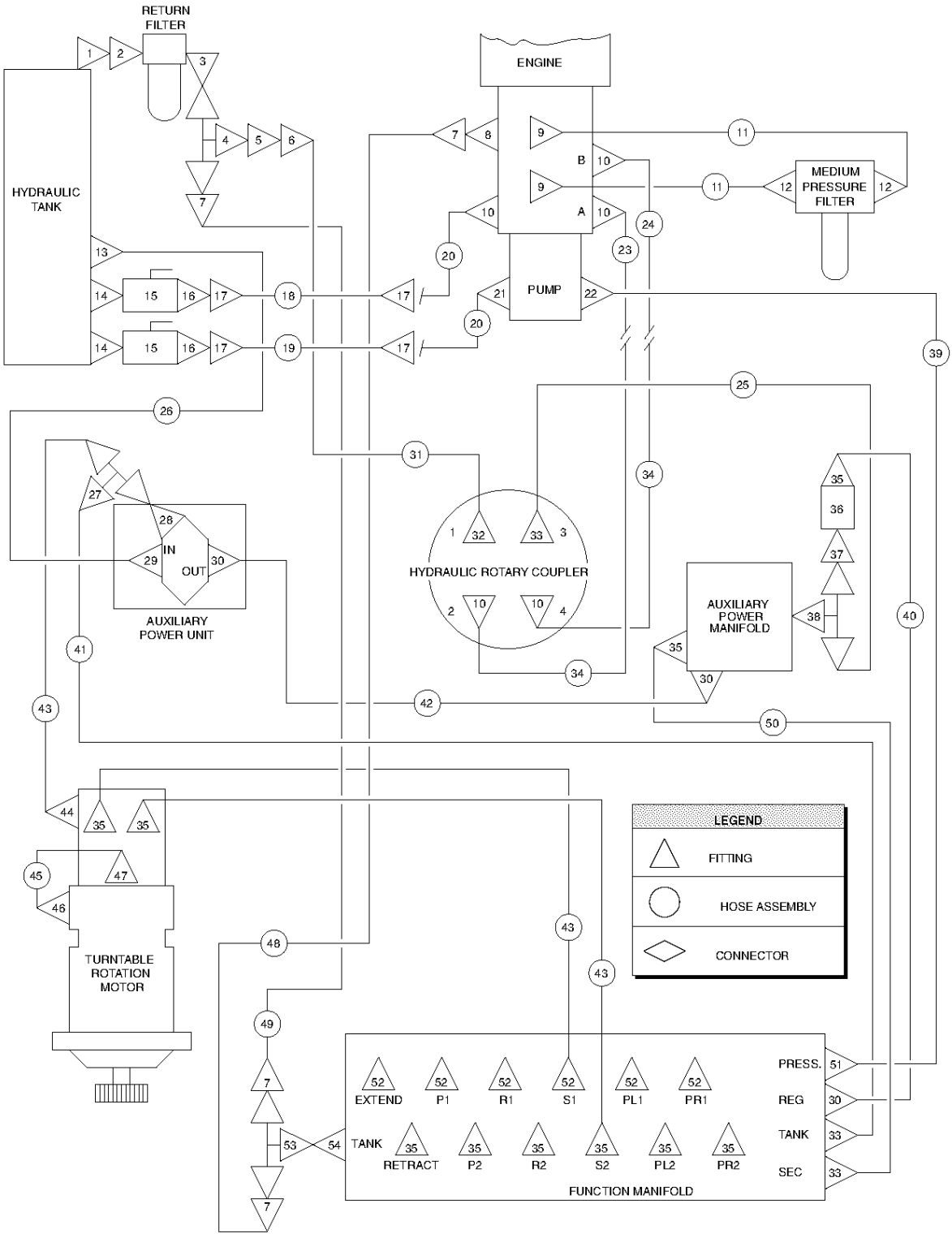
Item	Part No.	Description	Qty.
1	30342GT	ELBOW,140238-16-16	1
2	30343GT	NIPPLE,HEX,140137-16	1
3	27202GT	ELBOW,070202-12-16	1
4	20326GT	TEE,RUN,070432-12	1
5	20022GT	ELBOW,070221-12-12	1
6	45359GT	HOSE END,BARBED,SWIVEL,-12-12	1
7	45170GT	HOSE END,BARBED,SWIVEL,-12-12	4
8	20925GT	ELBOW,070220-12-12	1
9	22665GT	CONNECTOR,070120-8-10	2
10	20709GT	CONNECTOR,070120-16-16	5
11	31491GT	HOSE ASSY,50"	2
12	25951GT	ELBOW,070220-8-12	2
13	10355GT	CONNECTOR,070102-6-6	1
14	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
15	30347GT	VALVE,BALL,1" MPT X FPT	2
16	30344GT	CONNECTOR,070102-16-16	2
17	21250GT	HOSE END,BARBED,SWIVEL,-16-16	4
18	28011GT	HOSE,48",1"SAE 100R4 Gasoline/ LPG models	1
18-	65866GT	FUEL KIT, DEUTZ DIESEL Deutz Diesel models	1
19	31489GT	HOSE,38" Gasoline/ LPG models	1
19-	65866GT	FUEL KIT, DEUTZ DIESEL Deutz Diesel models	1
20	30204GT	TUBE ASSY., PUMP SUCTION Gasoline/ LPG models	2
20-	30488GT	ELBOW,070321-16-16 Deutz Diesel models	1
20-	20922GT	ELBOW,070320-16-16 Deutz Diesel models	1
21	20710GT	CONNECTOR,070120-16-12	1
22	27767GT	ELBOW,070220-8-10	1
23	30205GT	TUBE ASSY., PUMP PRESSURE	1
24	30206GT	TUBE ASSY., PUMP PRESSURE	1

508.1 Hydraulic Hoses and Fittings



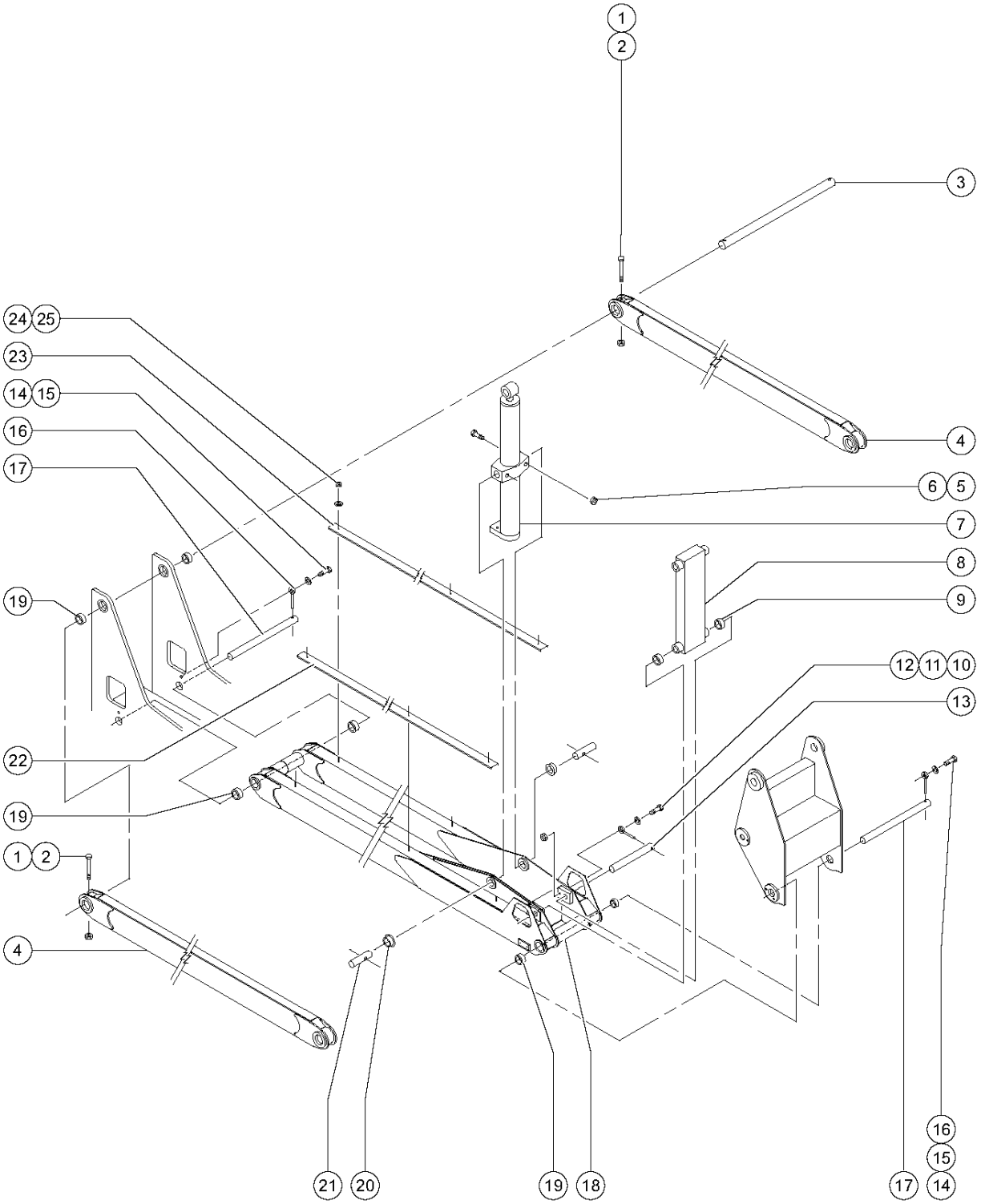
Item	Part No.	Description	Qty.
25	31474GT	HOSE ASSY,46"	1
26	31466GT	HOSE ASSY,27"	1
27	45366GT	TEE,RUN,070432-6-6	1
28	45411GT	ELBOW,070320-6-6	1
29	28448GT	ELBOW,070220-6-8	1
30	13120GT	ELBOW,070220-6-6	3
31	31475GT	HOSE ASSY,68.5"	1
32	27164GT	CONNECTOR,070120-12-16	1
33	18687GT	CONNECTOR,070120-6-8	3
34	31464GT	HOSE ASSY,55"	2
35	45412GT	CONNECTOR,070120-6-6	10
36	31968GT	KIT,HOSE,FUNCTION MANIFOLD	1
37	30392GT	ADAPTER,6402-6-6	1
38	45705GT	TEE,BRANCH,070429-6-6	1
39	31490GT	HOSE ASSY,73"	1
40	31465GT	HOSE ASSY,14"	1
41	31467GT	HOSE ASSY,12"	1
42	31479GT	HOSE ASSY,22"	1
43	31474GT	HOSE ASSY,46"	3
44	13756GT	CONNECTOR,070120-4-6	1
45	31477GT	HOSE ASSY,16"	1
46	13921GT	ELBOW,070220-4-4	1
47	13755GT	CONNECTOR,070120-4-4	1
48	31476GT	HOSE,70"	1
49	31471GT	HOSE,15"	1
50	31467GT	HOSE ASSY,12"	1
51	45357GT	ELBOW,070220-8-8***	1
52	45412GT	CONNECTOR,070120-6-6	6

508.1 Hydraulic Hoses and Fittings



Item	*Part No.*	*Description*	*Qty.*
53	30358GT	TEE,BRANCH,070429-12-12	1
54	30357GT	ADAPTER,O-RING,G6410-8-12	1

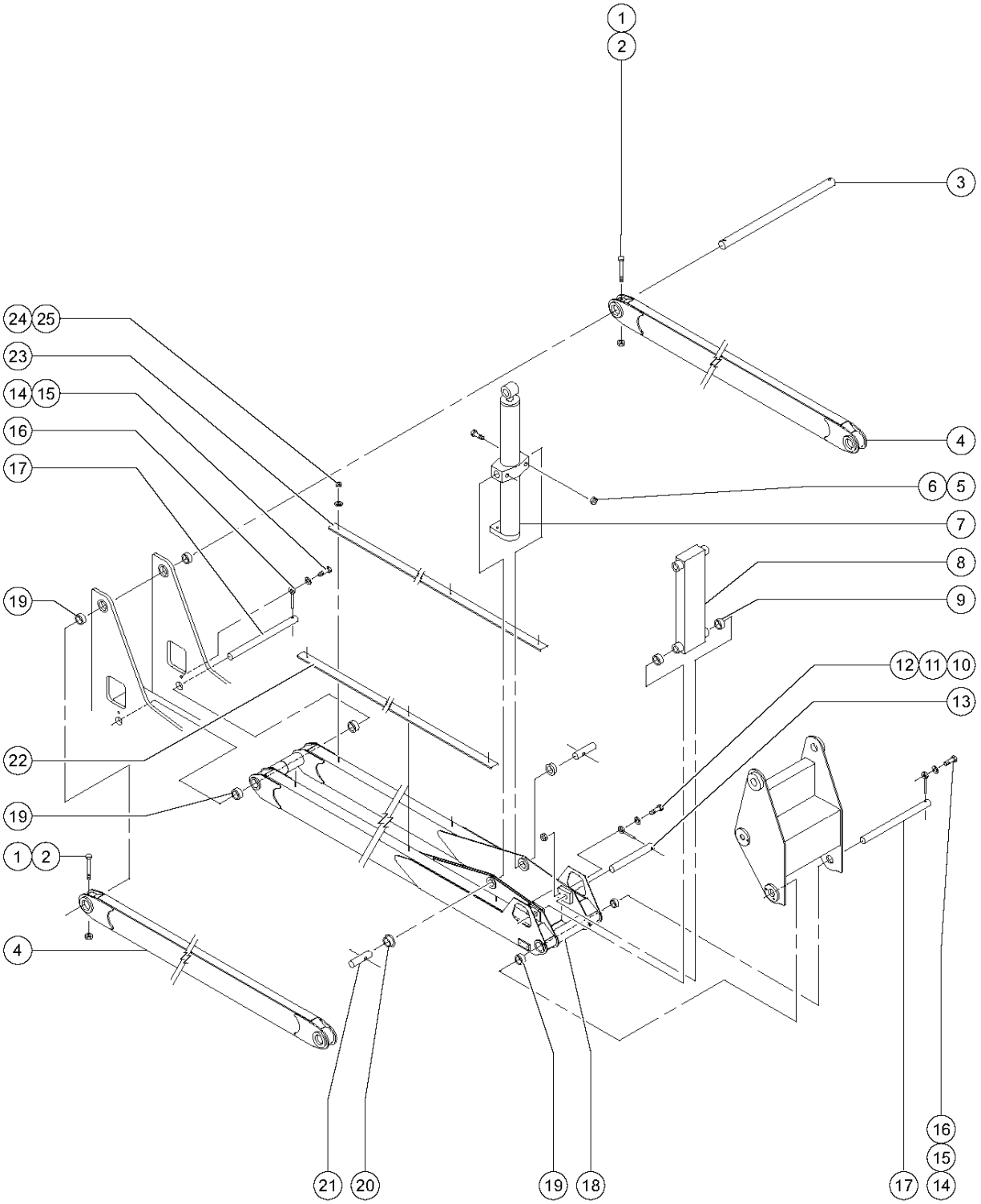
601.1 Secondary Boom - View 1



601.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
1	5387GT	SCREW,HHC,3/8-16 X 4	2
2	4828GT	NUT, NYLOCK, 3/8-16	2
3	30198GT	PIN,2.25DIAX31.75LG,2HOLE	2
4	30050-SGT	LOWER TENSION MEMBER WELDMENT	1
5	7713GT	NUT, LP NYLOCK, 3/8-16	2
6	12981GT	SCREW,HHC,3/8-16 X 4.5	2
7		CYLINDER, SECONDARY LIFT Z60 previous cylinders 30044, 63208 and 121854 are no longer available. For replacement order cylinder part 1264387	1
7-	1264387GT	CYLINDER, SECONDARY LIFT Z60	
7-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000** used with cylinder 30044 and 63208	1
7-	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000 used with cylinder 121854 and 1264387 (Retract)	1
7-	40405GT	VALVE,CNTERBAL.CBBB-LHN@3000** used with cylinder 121854 and 1264387 (Extend)	1
7-	31079GT	SEAL KIT,HYDRAULIC CYLINDER used with cylinder 30044	1
7-	63348GT	SEAL KIT,CYL,Z60 (63208) used with cylinders 63208, 121854 and 126438	
7-	31310GT	BEARING,GARLOCK,28DU24 used with cylinder 30044, 63208 and 121854	1
7-	1262633GT	BUSHING,POLYGON,BM5120 used with cylinder 126438	
8	31306GT	CONNECTING LINK ASSY includes index number 9	1
9	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
10	6326GT	SCREW,HHC,3/8-16 X 3	1
11	5397GT	WASHER, FLAT, USS, 5/16-18	1
12	825019GT	ROD END, .375X3.69, ZAG	1
13	30202GT	PIN,1.25DIAX14.12LG,1HOLE	1
14	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	2
15	6033GT	WASHER,LOCK,0.5"	2
16	1256267GT	ROD END,.5 X 3.75,ZAG	2
17	30201GT	PIN,2.25DIAX24.63LG,1HOLE	2
18	31305GT	LOWER SECONDARY BOOM ASSY includes index number 19 and 20	1
19	18722GT	BEARING,2.25IDX2.50ODX1.50L***	6
20	27695GT	BEARING,FL,1.75IDX1.94ODX1.50L	2

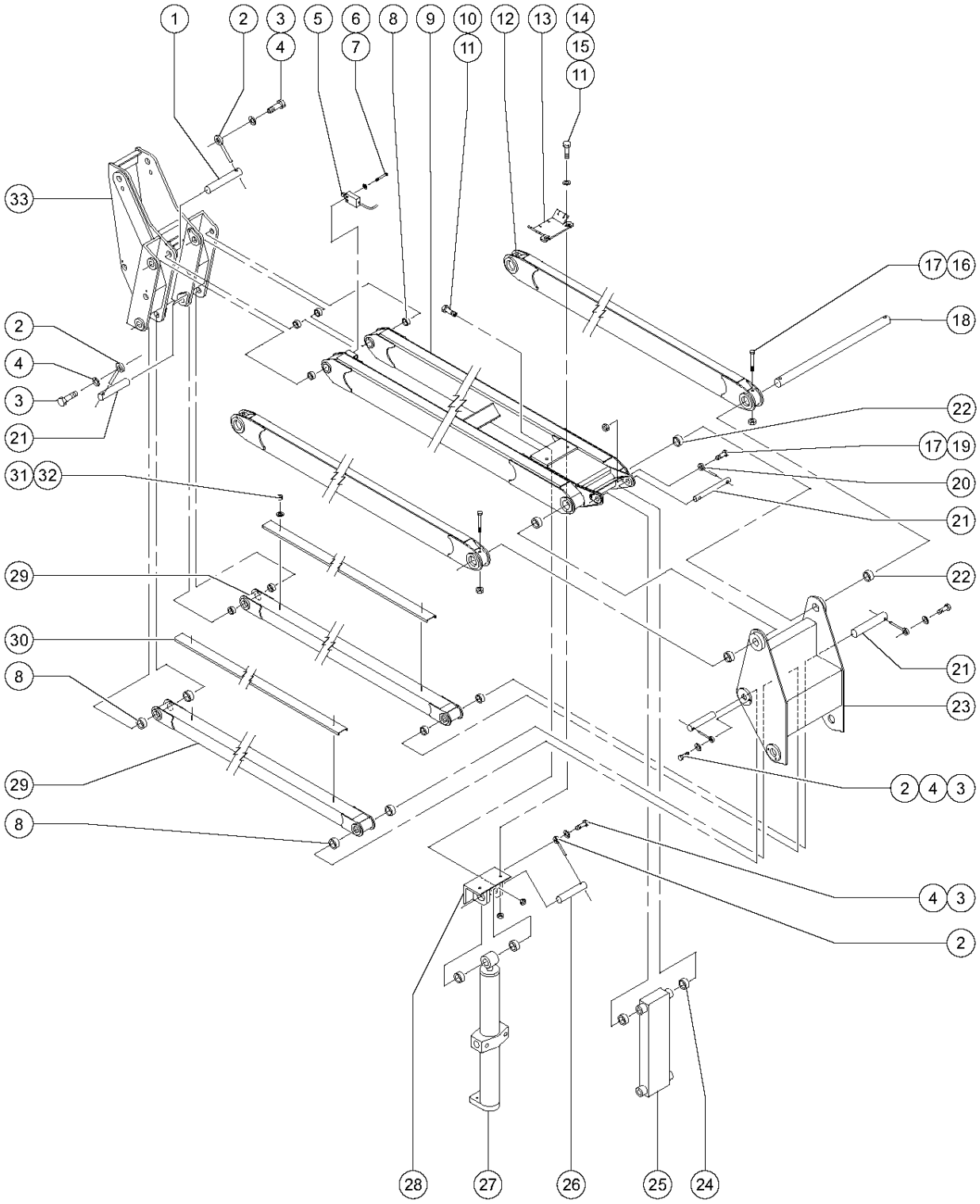
601.1 Secondary Boom - View 1



601.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
21	30199GT	PIN,1.75 DIAX4.50LG,THREADED	2
22	30341P-SGT	COVER,CABLE ground controls/tank side	1
23	30340P-SGT	COVER,CABLE engine side	1
24	6091GT	NUT,NYLOCK,1/4-20	10
25	6638GT	WASHER, FLAT, USS, 1/4"Y	10

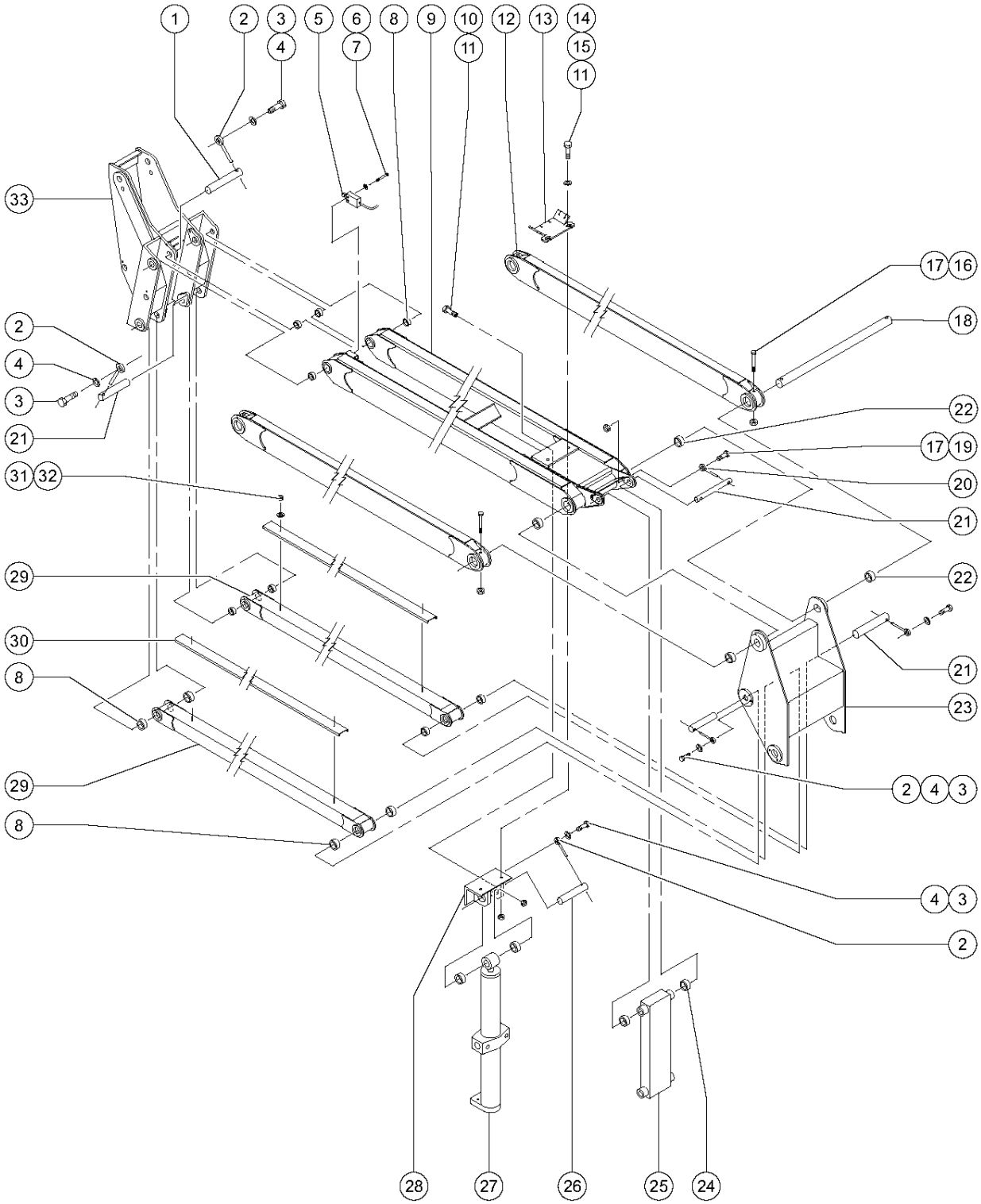
602.1 Secondary Boom - View 2



602.1 Secondary Boom - View 2

Item	Part No.	Description	Qty.
1	30193GT	PIN,1.75DIAX8.50LG,1HOLE	1
2	1256267GT	ROD END,.5 X 3.75,ZAG	5
3	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	5
4	6033GT	WASHER,LOCK,0.5"	5
5	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM Oscillating Models	1
5-	19491GT	CONTACTOR,LIMIT SWITCH	1
5-	106433GT	LS SPRING WAND (ZCY91)	1
6	22541GT	SCREW,RHM,10-32 X 1.5	2
7	6607GT	WASHER,LOCK,#10 PLTD	2
8	119620GT	BEARING,1.75IDX2.00ODX1.50L	12
9	31308GT	UPPER SECONDARY BOOM ASSY includes index number 8 and 22	1
10	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	2
11	6024GT	NUT,NYLOCK,5/8-11	4
12	30050-SGT	LOWER TENSION MEMBER WELDMENT	1
13		Ref Primary Boom Rest (refer to Figure 604.1)	1
14	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	2
15	13064GT	WASHER,FLAT,.625 HARDENED	2
16	5387GT	SCREW,HHC,3/8-16 X 4	4
17	4828GT	NUT, NYLOCK, 3/8-16	5
18	30198GT	PIN,2.25DIAX31.75LG,2HOLE	2
19	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
20	825019GT	ROD END, .375X3.69, ZAG	1
21	30193GT	PIN,1.75DIAX8.50LG,1HOLE	5
22	18722GT	BEARING,2.25IDX2.50ODX1.50L***	4
23	31309GT	LOWER MIDPIVOT ASSY,Z60 includes 2 of index number 22	1
24	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
25	31306GT	CONNECTING LINK ASSY includes index number 24	1
26	30328GT	PIN,1.75DIAX6.00LG,1HOLE	1

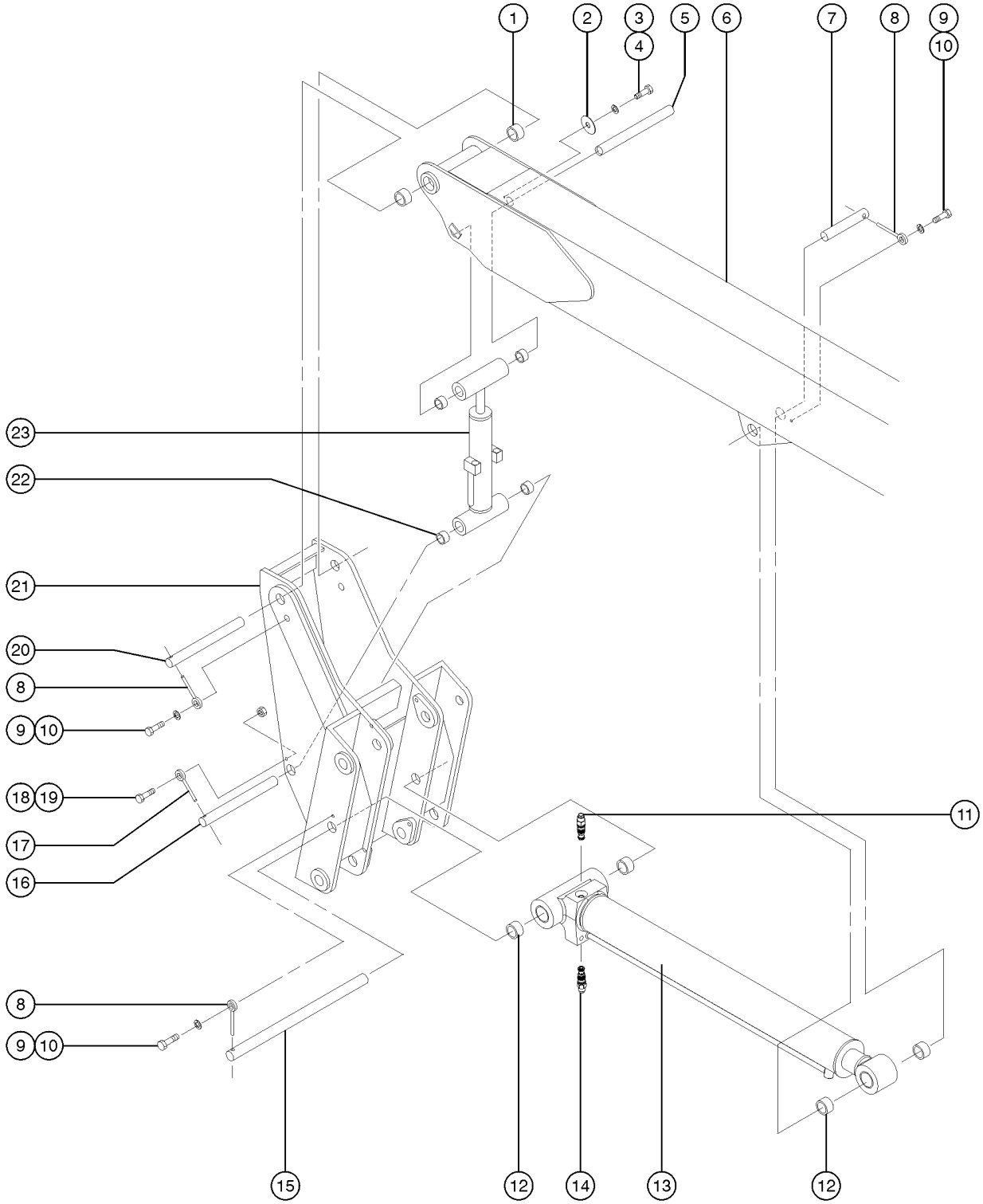
602.1 Secondary Boom - View 2



602.1 Secondary Boom - View 2

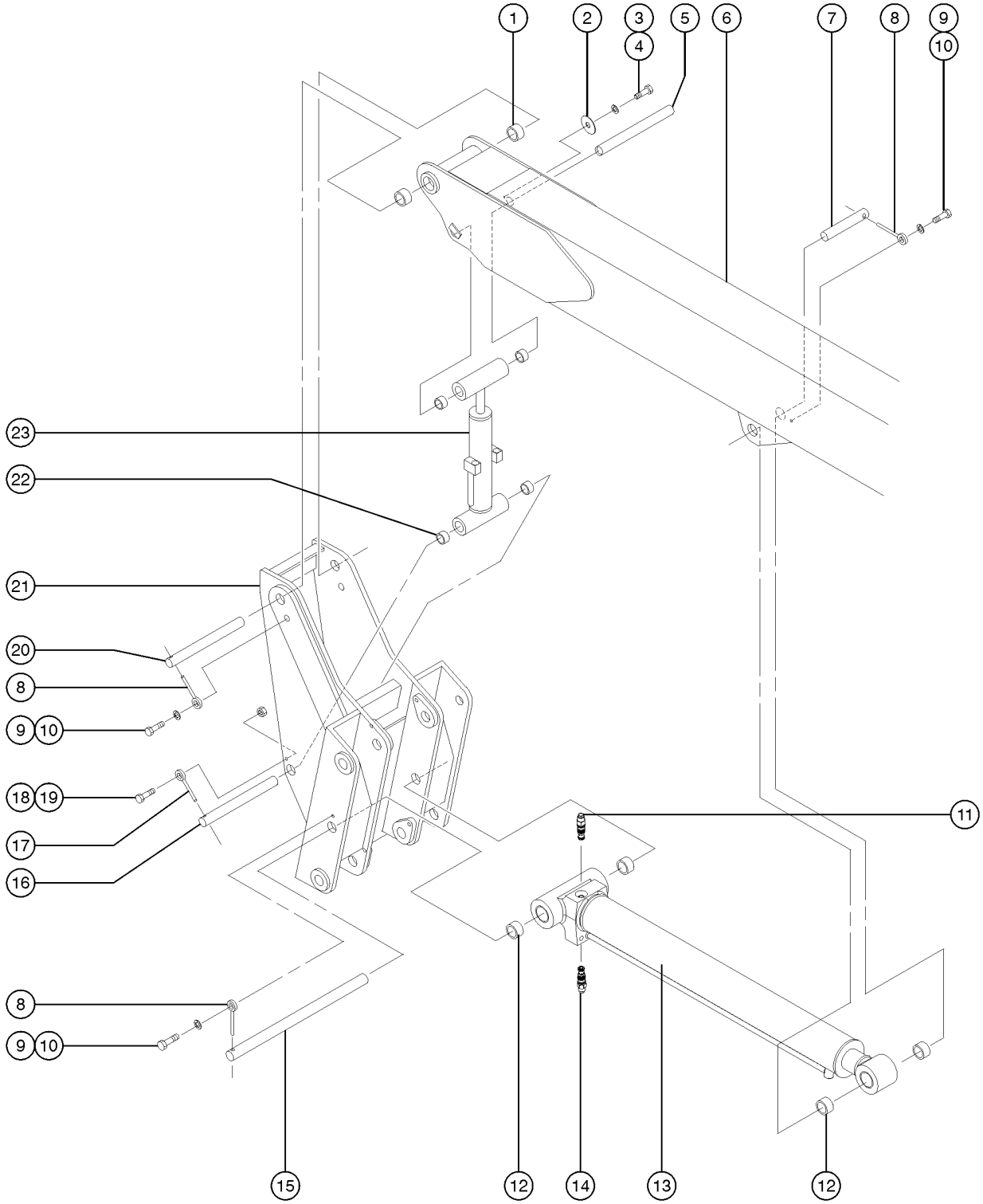
Item	Part No.	Description	Qty.
27		Ref CYLINDER, SECONDARY LIFT Z60 Ref CYLINDER, SECONDARY LIFT Z60 (refer to Figure 601.1)	1
28		WELDMENT, CYLINDER MOUNTING no longer available	1
29	31307GT	UPPER LEVELING LINK ASSY includes index number 8	2
30	30339P-SGT	COVER,CABLE,UPR TNSN ARM,PTD	2
31	6091GT	NUT,NYLOCK,1/4-20	6
32	6638GT	WASHER, FLAT, USS, 1/4"Y	8
33	30052PGT	UPPER PIVOT WELDMENT,PAINTED	1

603.1 Upper Mid-pivot



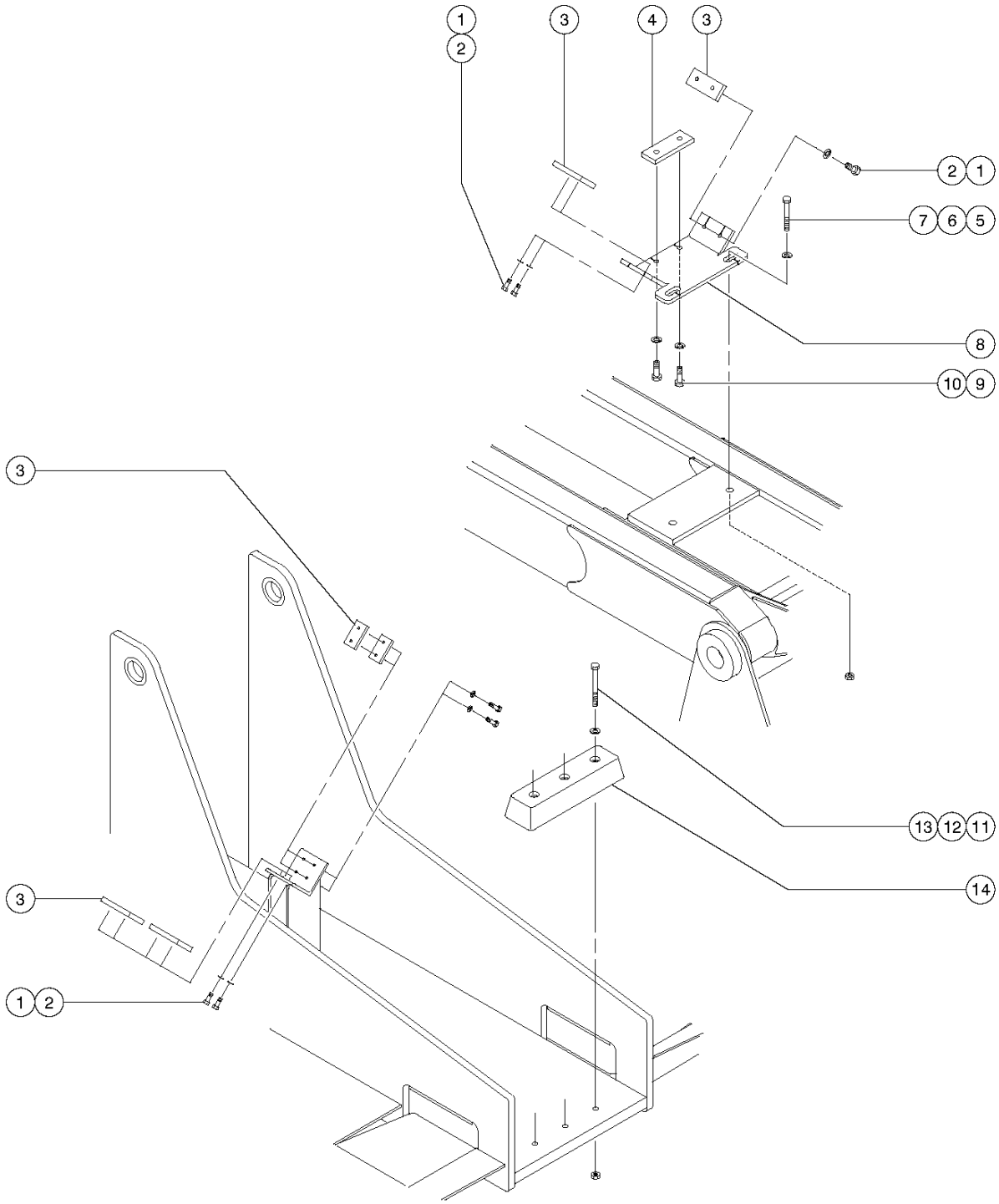
Item	Part No.	Description	Qty.
1	119620GT	BEARING,1.75IDX2.00ODX1.50L	2
2	12906GT	WASHER,FENDER,.25 X 1.25 X.062	1
3	7339GT	SCREW,HHC,1/4-20 X .5	1
4	6356GT	WASHER, LOCK, .25	1
5	30192GT	PIN,MASTER CYLINDER	1
6		Ref. PRIMARY BOOM TUBE ASSY (refer to 605.1)	
7	30194GT	PIN,1.75DIAX5.25LG,1HOLE	1
8	1256267GT	ROD END,.5 X 3.75,ZAG	3
9	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	3
10	6033GT	WASHER,LOCK,0.5"	3
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)	
13-	31080GT	SEAL KIT,HYDRAULIC CYLINDER used with cylinder 30043	
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	30196GT	PIN,1.25DIAX11.50LG,1HOLE	1
17	825019GT	ROD END, .375X3.69, ZAG	1
18	8516GT	SCREW, HCC, 3/8-16 X 1.50	1
19	4828GT	NUT, NYLOCK, 3/8-16	1
20	30191GT	PIN,1.75DIAX13.50LG,1HOLE	1
21	30052P-SGT	UPPER PIVOT WELDMENT,PAINTED	1
22	65463GT	BEARING,GARLOCK 20DU12	4
23	63211GT	CYLINDER, MASTER includes index number 20	1

603.1 Upper Mid-pivot



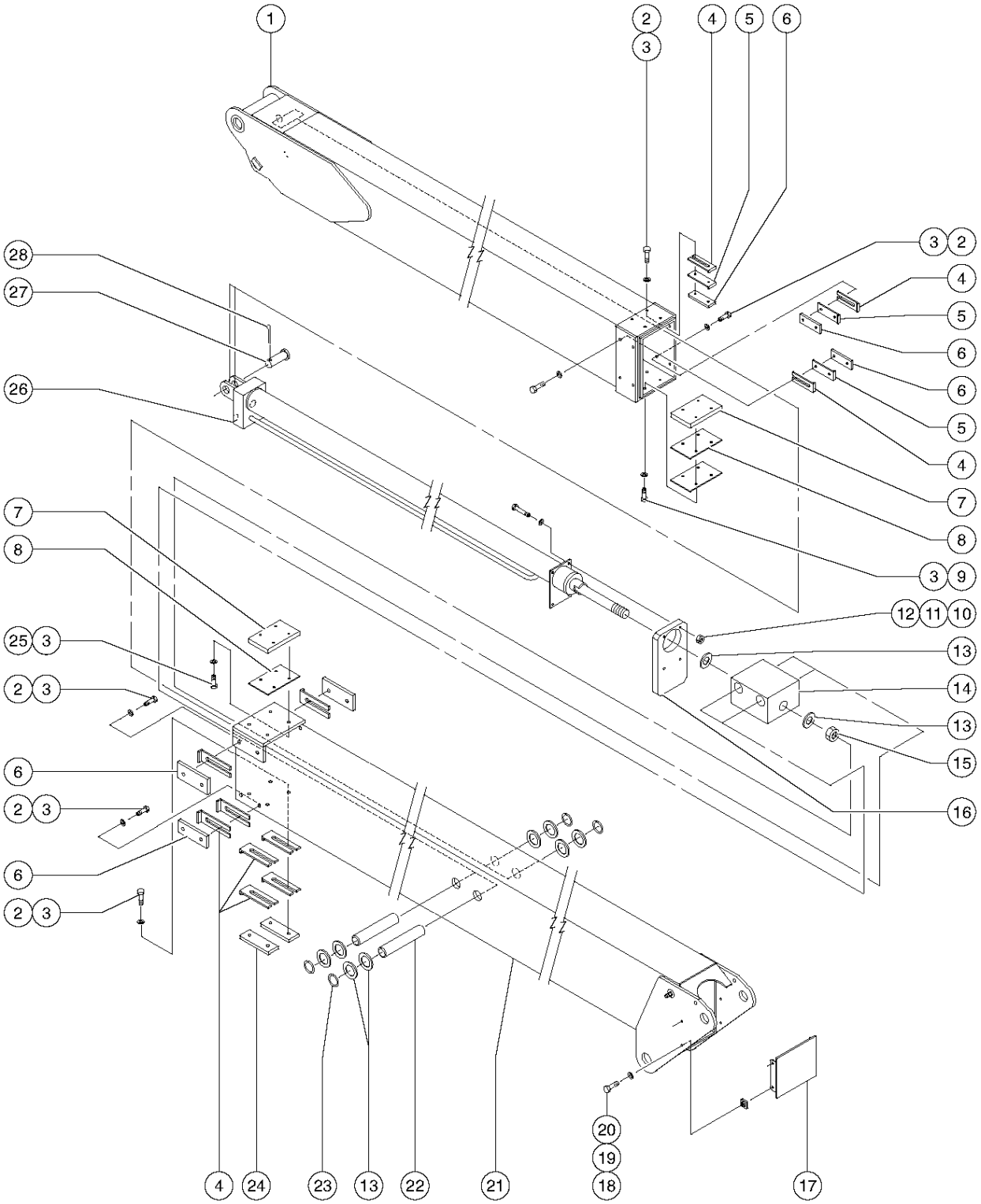
Item	*Part No.*	*Description*	*Qty.*
23-	63351GT	SEAL KIT,CYL,Z60 (63211) ..... for 63211	

604.1 Upper Mid-pivot and Primary Boom Rests



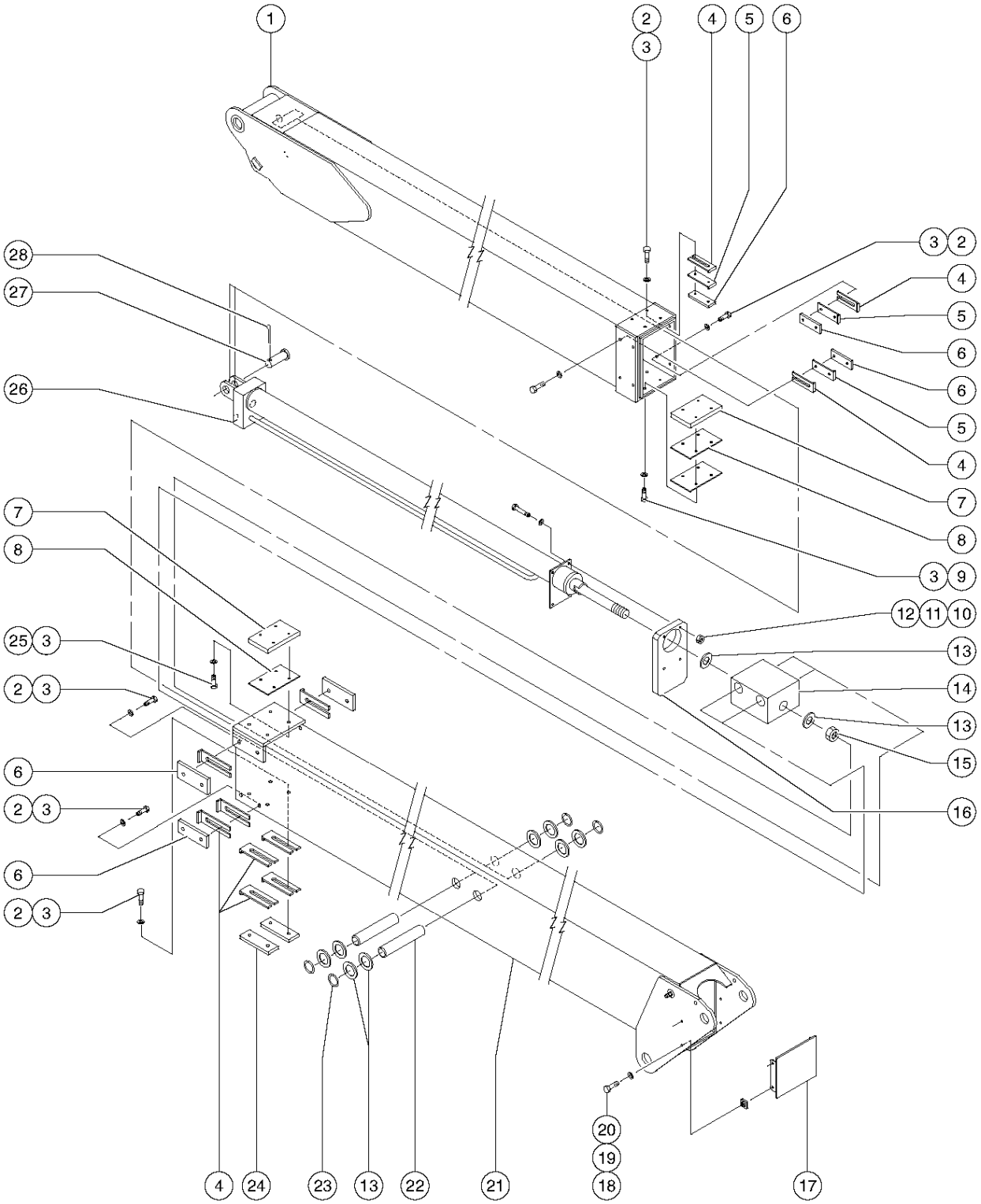
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	8
2	6356GT	WASHER, LOCK, .25	12
3	45209GT	WEAR PAD,4X2X.5 W/INSERT***	6
4	53811GT	WEAR PAD,5X1.5X1 W/INSERTS	2
5	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	2
6	13064GT	WASHER,FLAT,.625 HARDENED	2
7	6024GT	NUT,NYLOCK,5/8-11	2
8	30333PGT	PRIMARY BOOM REST,PAINTED	1
9	6175GT	SCREW,HHC,3/8-16 X 1	2
10	6021GT	WASHER, LOCK, .375	2
11	8357GT	SCREW, HHC, 1/2-13 X 3.5	3
12	6095GT	WASHER,FLAT,USS,1/2",Y	3
13	6086GT	NUT,LP NYLOCK,1/2-13	3
14A	30424GT	REST PAD, LOWER ARM	1
14B	49510GT	SPACER,REST PAD,Z60	1

605.1 Primary and Extension Booms



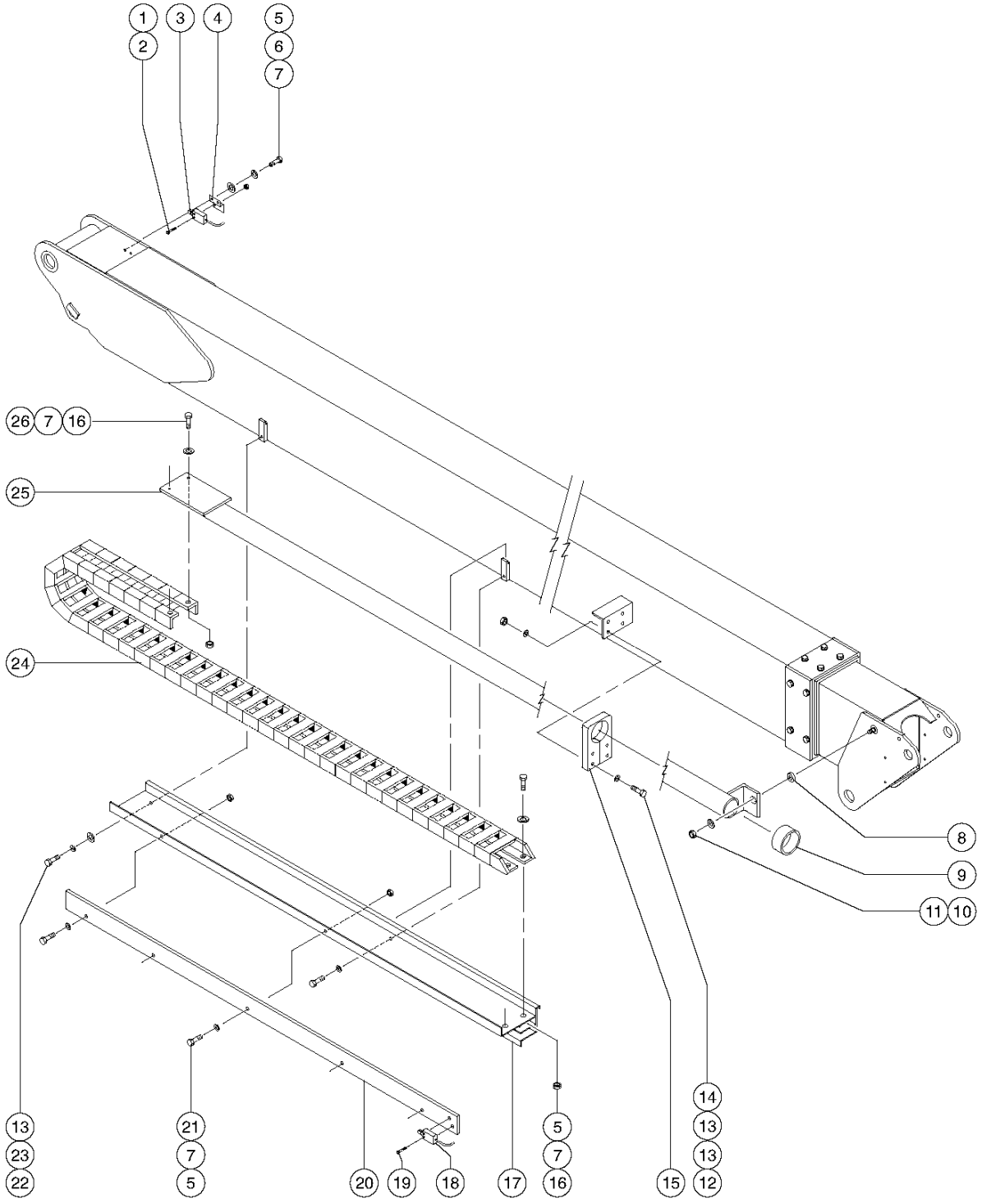
Item	Part No.	Description	Qty.
1	102986GT	PRI BOOM TUBE ASSY W/WORD DECA	1
1-	102987GT	PRI BOOM TUBE ASSY W/SYM DECAL	
2	6175GT	SCREW,HHC,3/8-16 X 1	24
3	6021GT	WASHER, LOCK, .375	32
4	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	10
5	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	6
6	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	10
7	30139GT	WEAR PAD,6.5 X 5 X.625 W/INSER	2
8	30472GT	SHIM,PRIMARY BOOM,.064 THK.	3
9	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
10	6091GT	NUT,NYLOCK,1/4-20	4
11	6638GT	WASHER, FLAT, USS, 1/4"Y	4
12	8179GT	SCREW,HHC,1/4-20 X 2.25	4
13	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	10
14	30116GT	CYLINDER MOUNT BAR	1
15	45303GT	NUT,NYLOCK,1.125-12	1
16	30272GT	PAD,EXTENSION CYLINDER	1
17	30021PGT	EXTENSION TUBE END CAP,PAINTED	1
18	6888GT	SCREW, HHC, 1/4-20 X 1	4
19	6356GT	WASHER, LOCK, .25	4
20	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
21	31086GT	EXTENSION BOOM TUBE ASSY,Z60	1
22	30186GT	PIN,1.25DIAX6.67LG,2RING	2
23	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	4
24	30137GT	WEAR PAD,5 X 1.5 X .50 W/NUTS	2
25	8255GT	SCREW,HHC,3/8-16 X .75	4
26	111177GT	CYL,EXT,2.5 X 112.25,Z60 replaces older cylinders 29267 and 89060	1
26A	36648GT	VALVE,COUNTERBALANCE 2500 PSI* use with cylinder 111177 (extend)	

605.1 Primary and Extension Booms



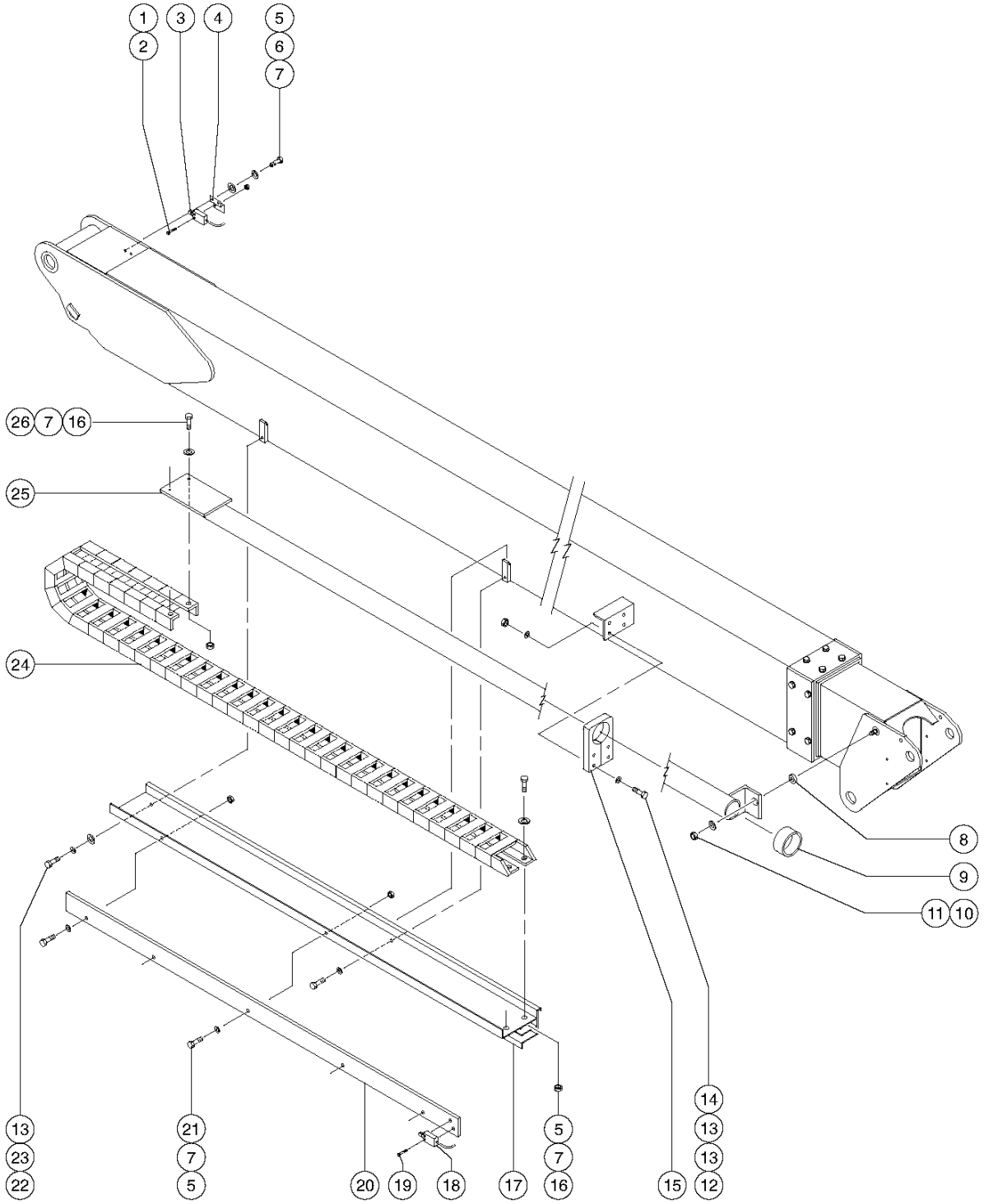
Item	Part No.	Description	Qty.
26B-	74872GT	VALVE,COUNTERBALANCE 3000 PSI* ..... use with cylinder 111177 (retract)	
26C-	75849GT	VALVE,COUNTERBALANCE 2500PSI ..... use with cylinder 89060 (extend)	1
26D-	31082GT	VALVE,COUNTERBALANCE 2500 PSI* ..... use with cylinders 89060 (retract) and 29267	1
26E-	89296GT	SEAL KIT,CYLINDER (89060) ..... use with cylinders 89060 and 111177	1
26F-	29183GT	SEAL KIT,25212,25217,25372,S60 ..... use with cylinder 29267	
27	19440GT	PIN,CLEVIS,1 X 2.5 LG	
28	5361GT	PIN,COTTER,.125 X 1.5	

606.1 Cable Track



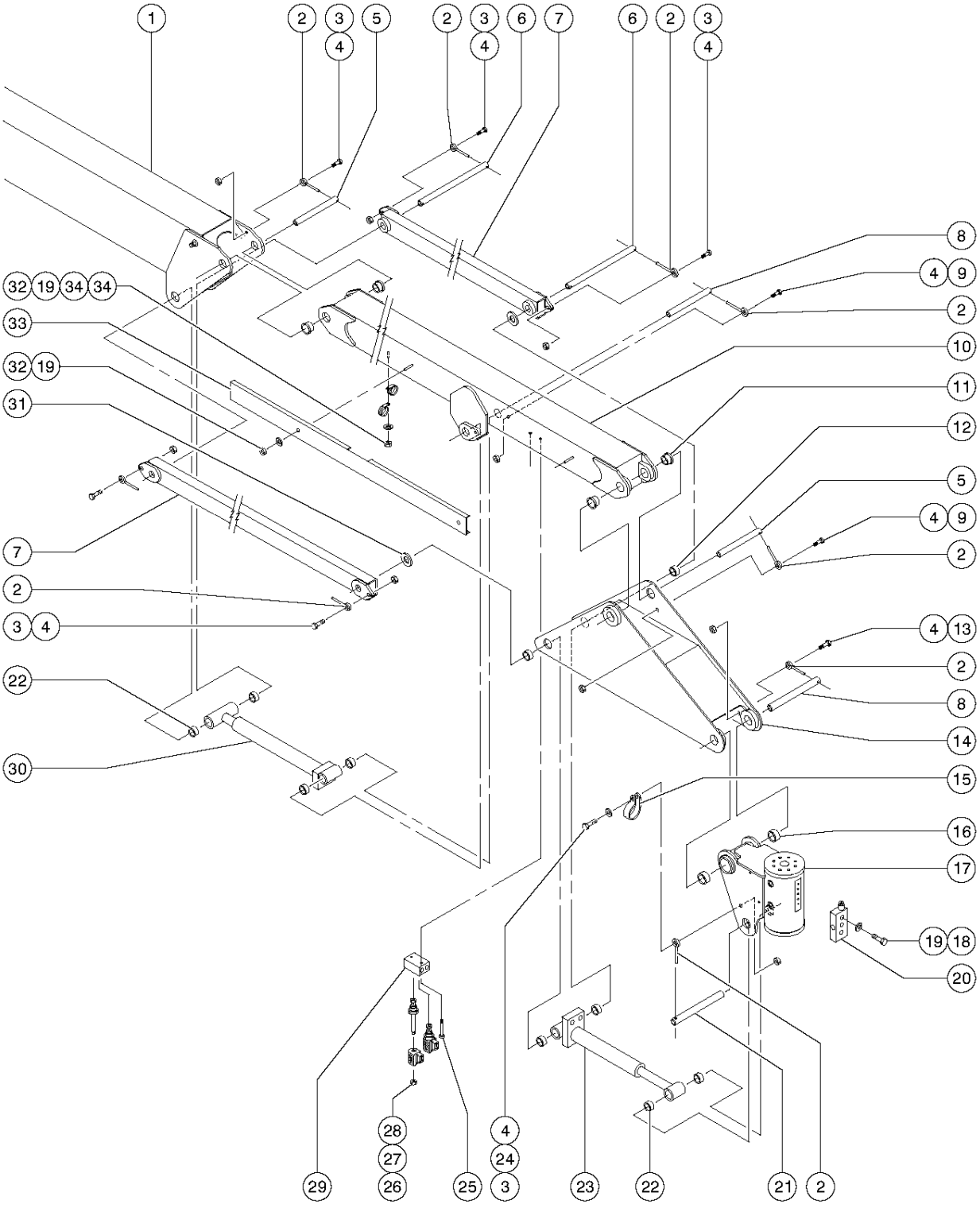
Item	Part No.	Description	Qty.
1	22541GT	SCREW,RHM,10-32 X 1.5	2
2	6178GT	NUT, NYLOCK, 10-32	2
3	88356-146R5GT	SWITCH,LIMIT,W/ROLLER HEAD***	1
3-	19491GT	CONTACTOR,LIMIT SWITCH	
4	46002PGT	UPPR. LIMIT SWITCH BRKT.,BLUE	1
5	8914GT	SCREW, HHC, 1/4-20 X .625	9
6	6356GT	WASHER, LOCK, .25	2
7	6638GT	WASHER, FLAT, USS, 1/4"Y	11
8	30388GT	PIVOT TUBE/SPACER Z60	2
9	30387GT	CABLE PROTECTOR	1
10	6198GT	NUT, NYLOCK, 1/2-13	1
11	6095GT	WASHER,FLAT,USS,1/2",Y	1
12	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	4
13	5397GT	WASHER, FLAT, USS, 5/16-18	10
14	7713GT	NUT, LP NYLOCK, 3/8-16	4
15	30389GT	TRACK TUBE GUIDE	1
16	6091GT	NUT,NYLOCK,1/4-20	4
17	31492GT	CABLE TRACK CHANNEL ASSY	1
18	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM	1
18-	19491GT	CONTACTOR,LIMIT SWITCH	1
18-	106433GT	LS SPRING WAND (ZCY91)	1
19	30469GT	SCREW,FHM,10-32 X 1.5	2
20	30390-SGT	COVER,CABLE TRACK TRAY,DRILLED	1
21	6889GT	NUT,LP NYLOCK,1/4-20	5
22	8255GT	SCREW,HHC,3/8-16 X .75	2
23	6021GT	WASHER, LOCK, .375	2
24	30377GT	TRACK,PLASTIC CABLE,43 LINKS	1
24-	29480GT	TRACK REPAIR,7 LINK (25706)	1

606.1 Cable Track



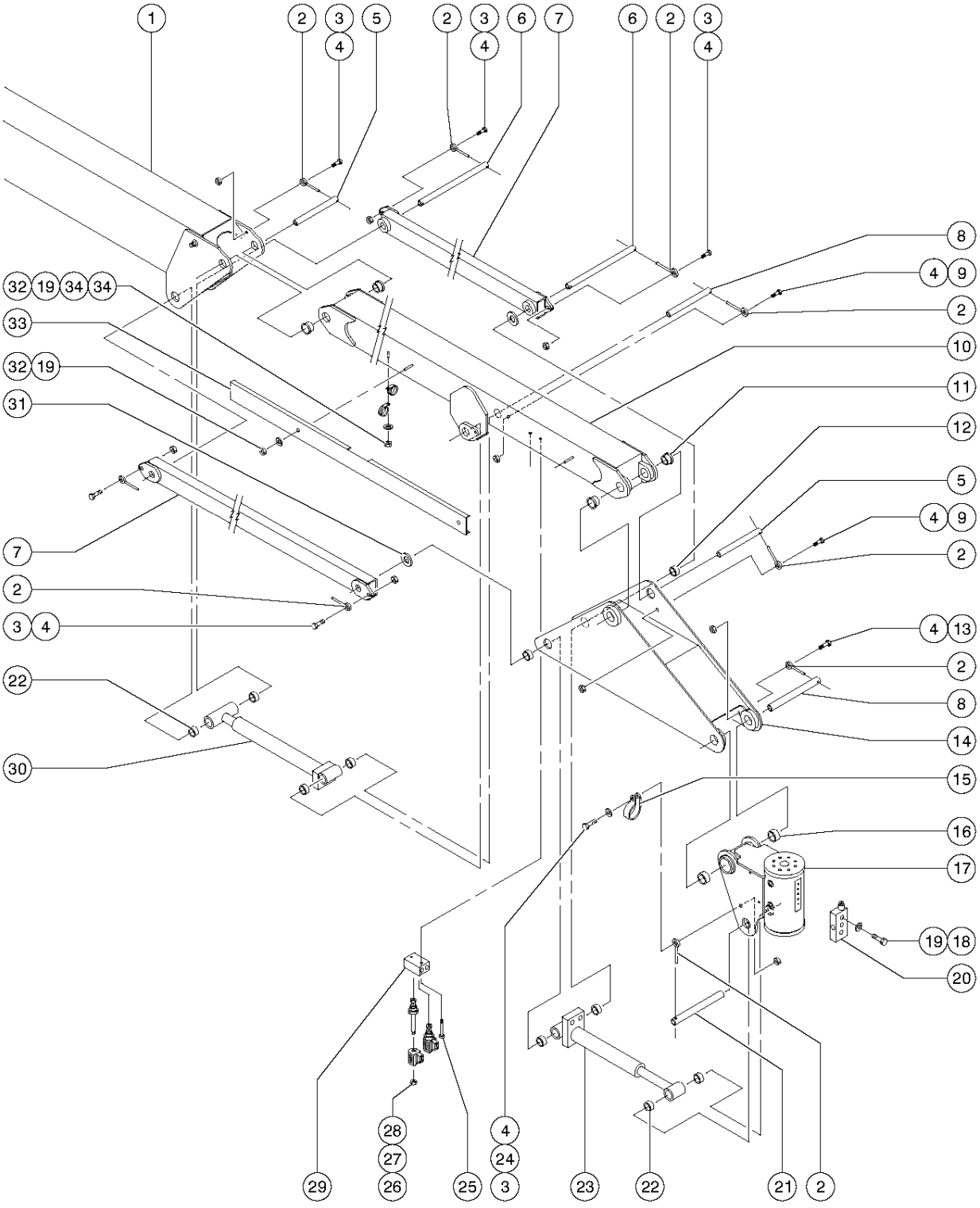
Item	*Part No.*	*Description*	*Qty.*
24-	58920GT	REPAIR LINK END SET (42763)*	1
25	30315GT	TRACK TUBE WELDMENT	1
26	6888GT	SCREW, HHC, 1/4-20 X 1	2

607.1 Jib Boom and Platform Rotator



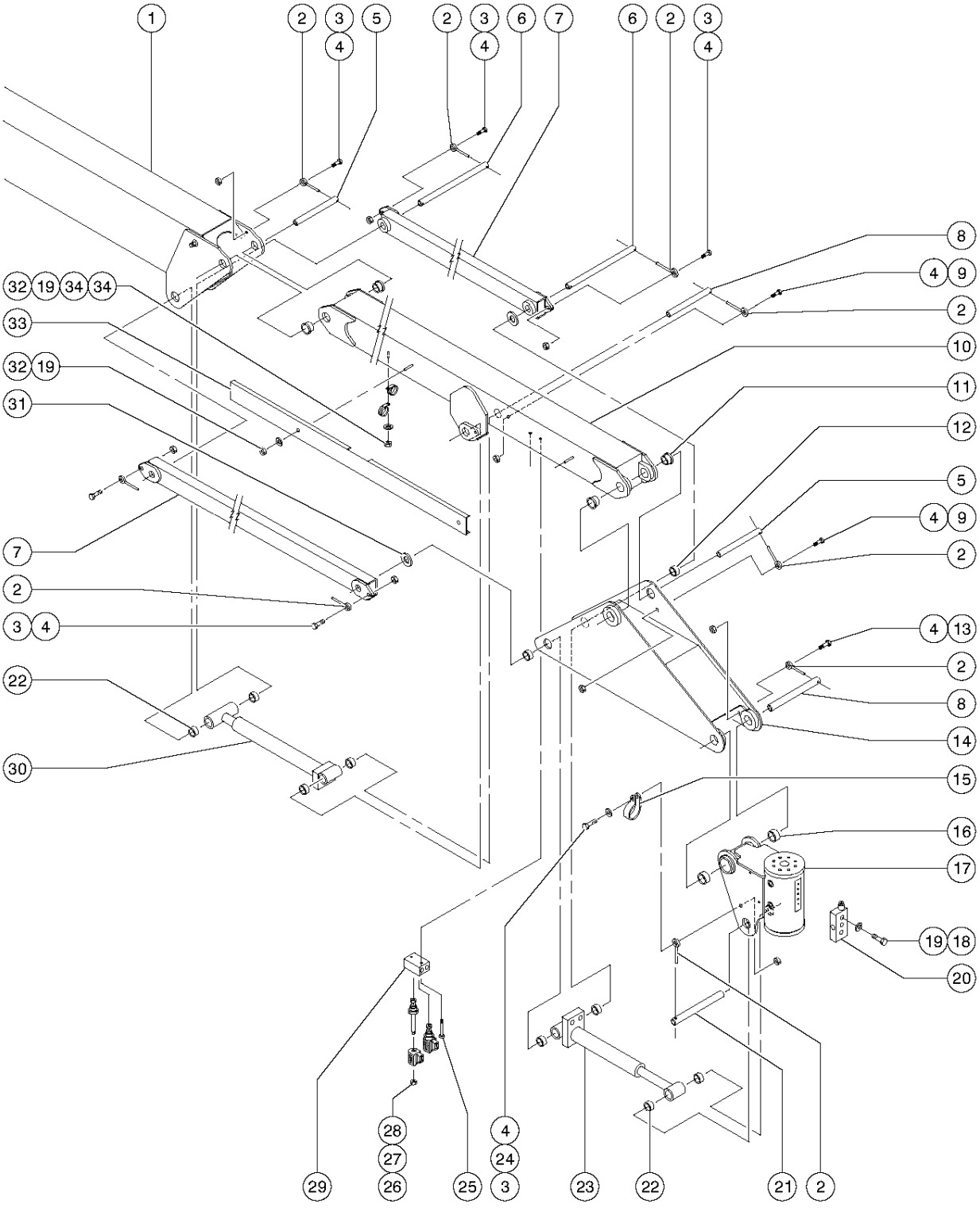
Item	Part No.	Description	Qty.
1	31086GT	EXTENSION BOOM TUBE ASSY,Z60	1
2	825019GT	ROD END, .375X3.69, ZAG	9
3	8516GT	SCREW, HCC, 3/8-16 X 1.50	6
4	4828GT	NUT, NYLOCK, 3/8-16	10
5	30188GT	PIN,1.25DIAX8.50LG,1HOLE	2
6	30189GT	PIN,1.25DIAX13.75LG,2HOLE	2
7	53258GT	COMPRESSION MEMBER WELD,MACH.	2
8	27326GT	PIN,1.25 X 7.57 IN,1HOLE	2
9	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
10	31094GT	JIB BOOM ASSEMBLY includes index number 11	1
11	30219GT	BEARING,FL,1.25ID X 1.41OD X 1	4
12	30220GT	BEARING,1.25ID X 1.5OD X 0.69L	4
13	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	1
14	31095GT	PLATFORM LEVELING ASSEMBLY includes 2 each of index number 12	1
15	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	1
16	30370GT	BEARING,1.25IDX1.5ODX1.00L use with rotator part number 63509 or 94399	2
16-	65799GT	BUSHING,FLANGE,ROTATOR 1" use with rotator part number 31096 and 35612	
17	94399GT	ROTATOR ASSMBLY includes item 16, previous rotator 63509 is no longer available, order rotator 94399 for replacement	1
17-	77876GT	ROTATOR ASSEMBLY KIT Z60 includes item 16 and rotator 94399, previous rotators 31096, 35612 and 63509 are no longer available, order kit 77876 for first time replacement	1
17-	122944GT	SEAL KIT,8K ROTATOR*** use with rotator part number 77876	
17-	31498GT	BEARING KIT,ROTATOR,9K*** use with rotator part number 31096 and 35612	1
17-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* use with rotator part number 35612	1
17-	106422GT	KIT,SEAL& BEARING,ARC,ROT.9K** use with rotator part number 35612	1
17-	62417GT	SEAL KIT,PLAT ROTATE*** use with rotator part number 63509	1
17-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER use with rotator part number 63509	1
17-	106421GT	SEAL KIT,ARCTIC,ROTATOR 8.2K** use with rotator part number 63509	
18	6145GT	SCREW, HHC, 1/4-20 X 1.5	3

607.1 Jib Boom and Platform Rotator



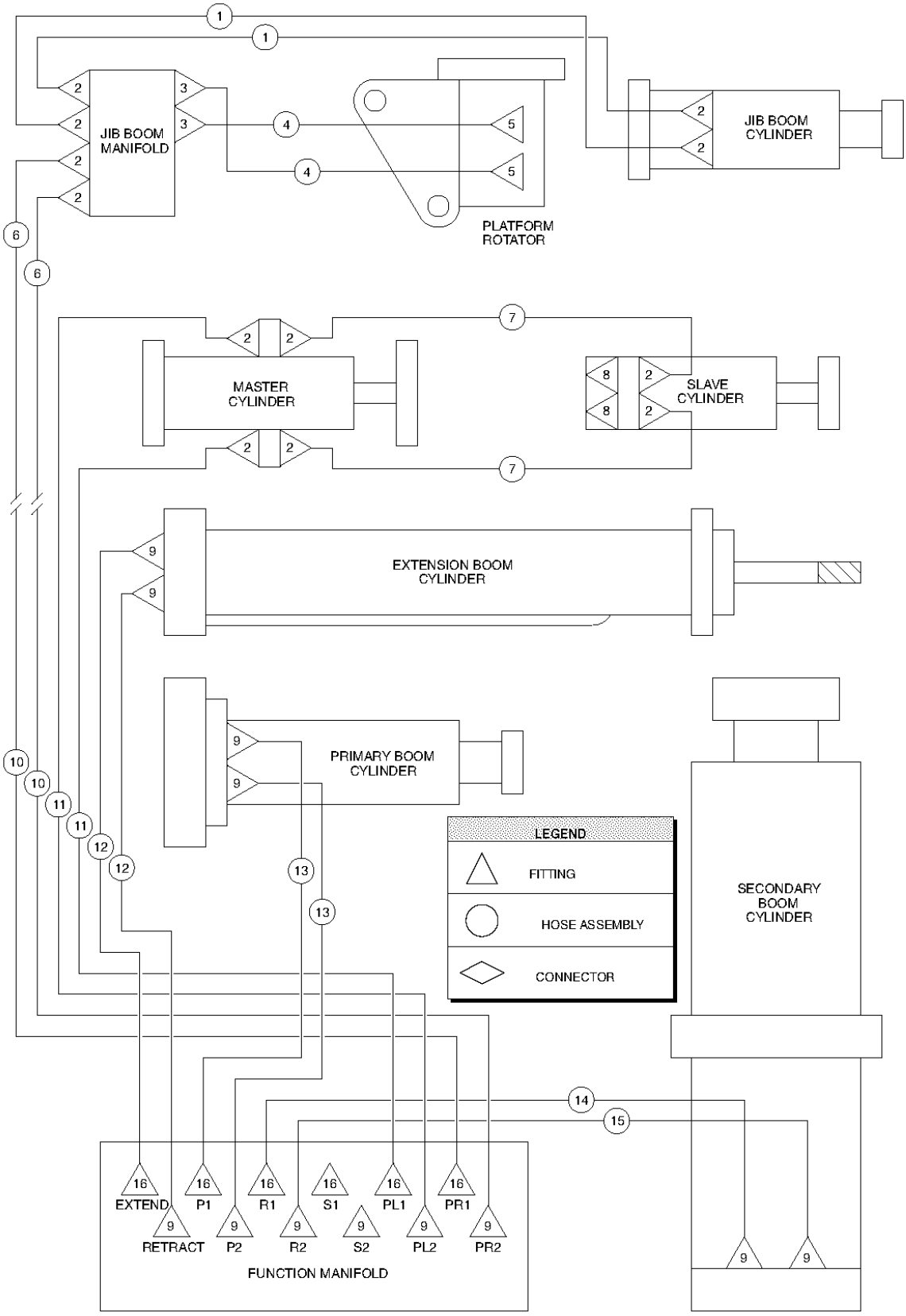
Item	Part No.	Description	Qty.
19	6638GT	WASHER, FLAT, USS, 1/4"Y	6
20	35611GT	MANIFOLD,DUAL COUNTERBALANCE	1
20-	37090GT	VALVE,COUNTERBALANCE 2000PSI	1
21	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
22	47377GT	BEARING,1.25 ID X 1.5 OD X .75	8
23	226537GT	CYLINDER,SLAVE replaces previous cylinder 63212 (no 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	1
25	21604GT	SCREW,HHC,3/8-16 X 3.25	2
26	29066GT	VALVE,SOLENOID,10V,2POS 3WAY**	2
26-	62267GT	VALVE,SOLENOID N/C (SHORT)***	2
26-	62262GT	VALVE,SOLENOID N/O (LONG)***	2
26-	75848GT	VALVE - SOLENOID 2 POS 2 WAY	2
26-	75847GT	VALVE - SOLENOID, 2 POS 2 WAY	2
27	27814GT	COIL,SOLENOID,10V	2
27-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	2
28	45912GT	NUT,SOLENOID VALVE 2P3W	2
28-	52943GT	NUT, SOLENOID VALVE COIL	2
29	75700GT	MANIFOLD,MACHINED,JIB & ROTATE	1
29-	75849GT	VALVE,COUNTERBALANCE 2500PSI	1
30	63214GT	CYLINDER,JIB,Z60 includes 4 each index number 22	1
30-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000** for 63214 cylinder	1
30-	63354GT	SEAL KIT CYL.Z60(63214) for 63214 cylinder	1
30-	31078GT	SEAL KIT,HYDRAULIC CYLINDER*** for 30047 cylinder	1
30-	29083GT	VALVE,COUNTERBALANCE,2500 PSI* for 30047 cylinder	1
31	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	8

607.1 Jib Boom and Platform Rotator



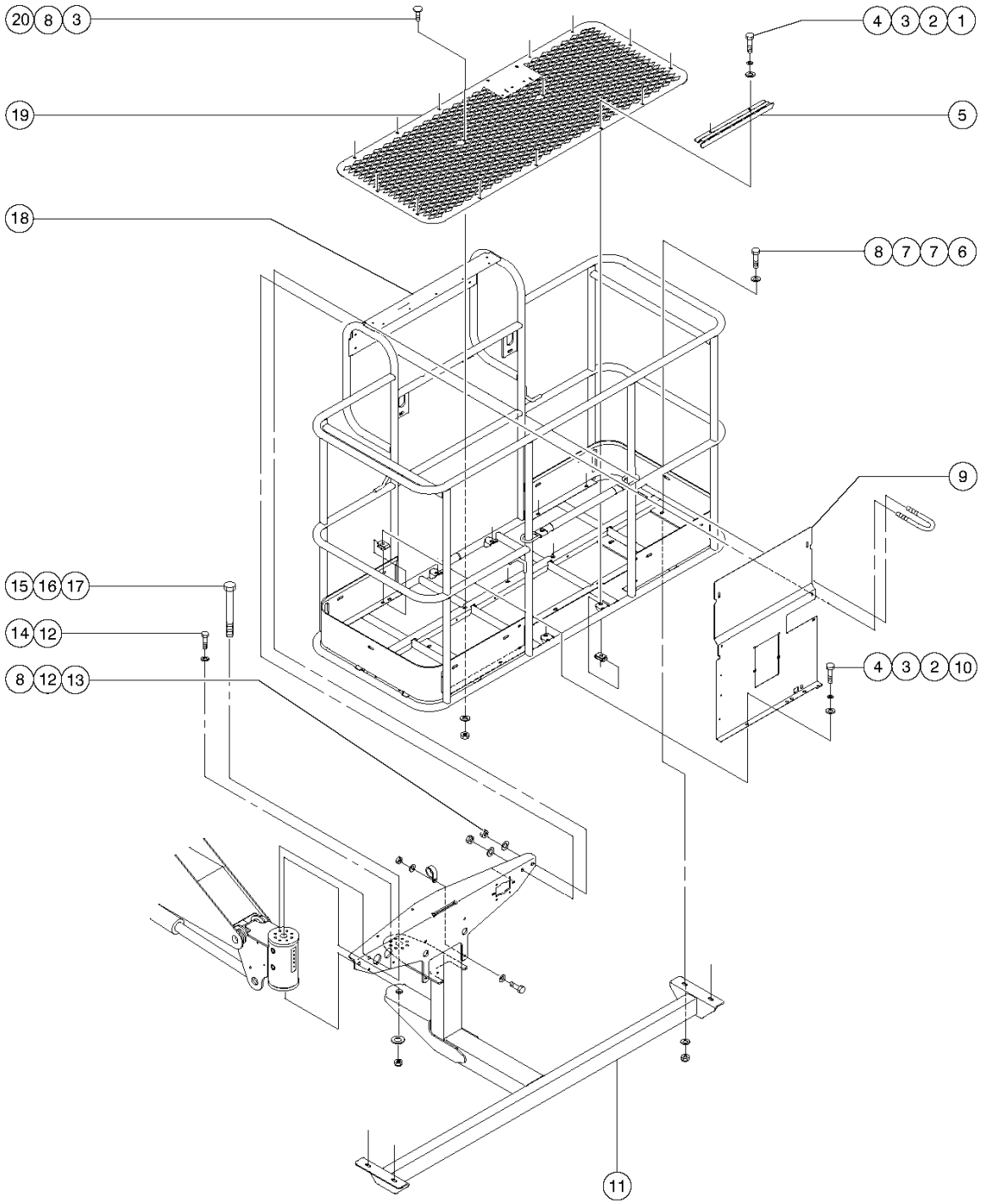
Item	Part No.	Description	Qty.
32	6091GT	NUT,NYLOCK,1/4-20	3
33	30411-SGT	COVER,CABLE,JIB PAINTED	1
34	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	2

608.1 Hydraulic Hoses and Fittings



Item	Part No.	Description	Qty.
1	31473GT	HOSE ASSY,13"	2
2	37868GT	FITTING-4 W/.030 ORIFICE	13
2-	13756GT	CONNECTOR,070120-4-6	13
3	37868GT	FITTING-4 W/.030 ORIFICE	2
3-	13756GT	CONNECTOR,070120-4-6	2
4	31470GT	HOSE ASSY,53"	2
5	13921GT	ELBOW,070220-4-4	2
6	31488GT	HOSE ASSY,447"	2
7	31487GT	HOSE ASSY,540"	2
8	28890GT	NIPPLE,DIAGNOSTIC,#6 PORT	2
8-	48880GT	CAP,DIAGNOSTIC NIPPLE	2
8-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	2
9	45412GT	CONNECTOR,070120-6-6	12
10	31486GT	HOSE ASSY,422"	2
11	31485GT	HOSE ASSY,409"	2
12	31481GT	HOSE ASSY,435"	2
13	31482GT	HOSE ASSY,408"	2
14	31484GT	HOSE ASSY,219"	1
15	31483GT	HOSE ASSY,236"	1
16	45412GT	CONNECTOR,070120-6-6	6

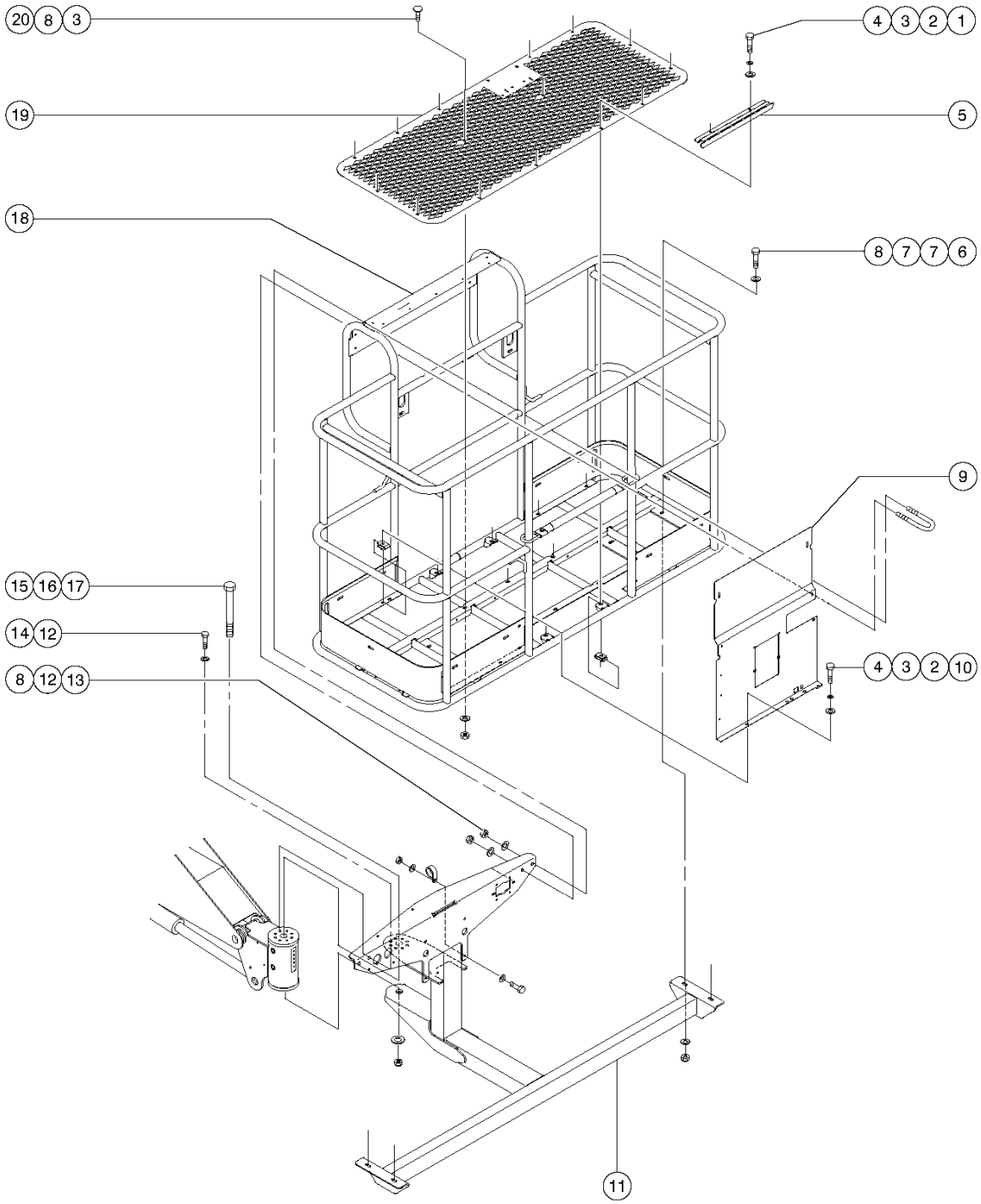
701.1 Platform Installation - View 1



701.1 Platform Installation - View 1

Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	23
1-	6090GT	SCREW, HHC, 1/4-20 X .75	25
2	6356GT	WASHER, LOCK, .25	17
2-	6356GT	WASHER, LOCK, .25	19
3	6638GT	WASHER, FLAT, USS, 1/4"Y	26
3-	6638GT	WASHER, FLAT, USS, 1/4"Y	28
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	17
4-	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	19
5	73610PGT	STEP PLATFORM ENTRY PAINTED***	1
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
7	6097GT	WASHER, FLAT, USS, 3/8", Y	8
8	4828GT	NUT, NYLOCK, 3/8-16	4
9	75516-SGT	DECAL PLATE ASSEMBLY	1
10	6090GT	SCREW, HHC, 1/4-20 X .75	4
11	50144-SGT	PLATFORM SUPPORT WELDMENT***	4
12	57201GT	WASHER,FLAT,313, HARDENED	12
13	6550GT	U-BOLT,3/8 X 1 YZ	2
14	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	8
15	73928GT	SCREW,HHC,1-8 X 11,GRD 5***	1
16	122079GT	WASHER,FLAT,1.000,HARDENED	1
17	29764GT	NUT,NYLOCK,1-8	1
18	75675-SGT	PLATFORM ASSEMBLY Z-60 6FT	1
18-	75676-SGT	PLATFORM ASSEMBLY Z-60 6FT***	1
18-	75679-SGT	PLATFORM ASSEMBLY 8FT Z-60	1
18-	75680-SGT	PLATFORM ASSEMBLY 8FT Z-60	1
19	73478PGT	FLOORING, 8 FT PLATFORM***	1
19-	60954-SGT	FLOORING,6 FT PLATFORM,SERVIC	1
19-	73478PGT	FLOORING, 8 FT PLATFORM***	1

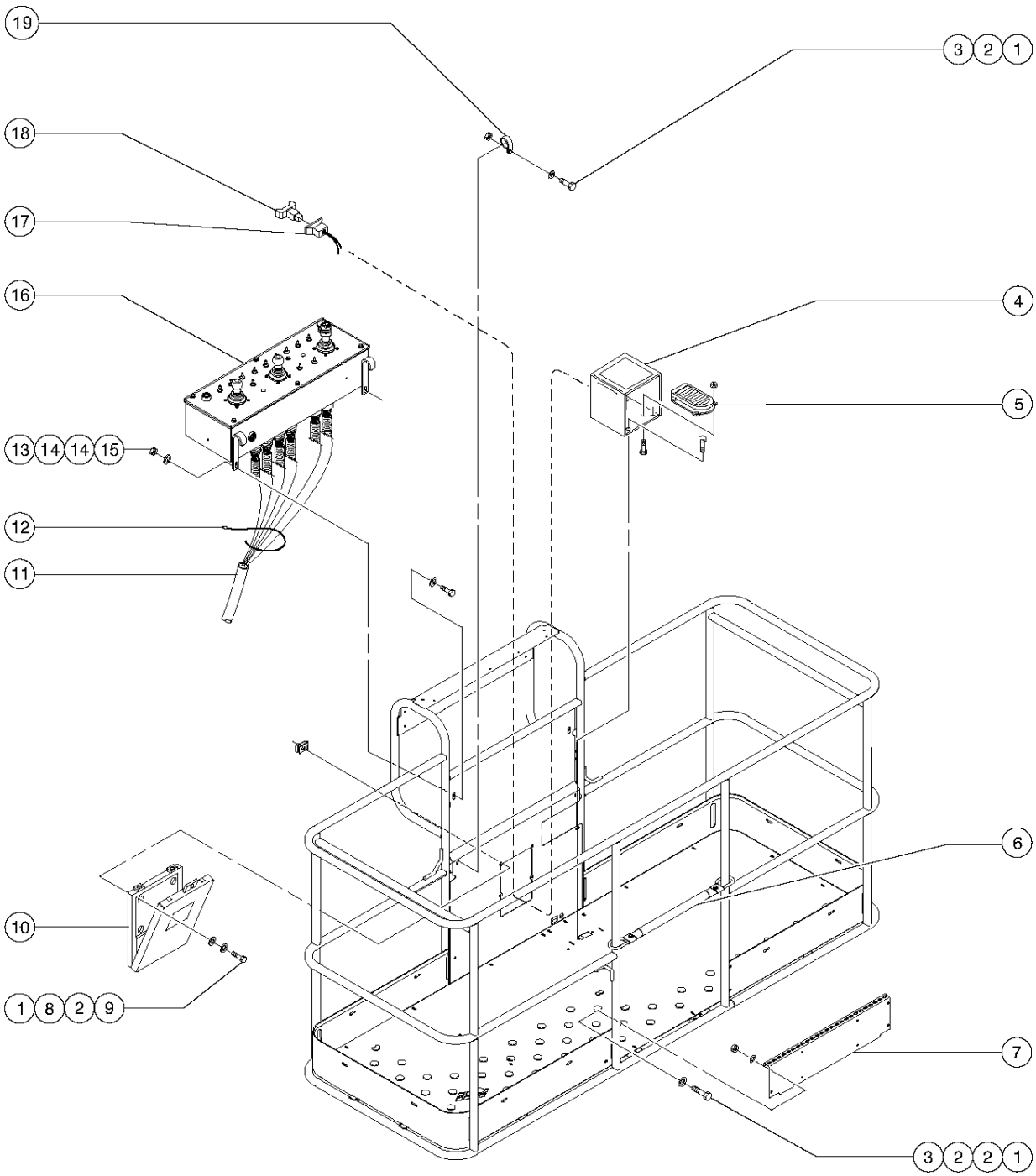
701.1 Platform Installation - View 1



701.1 Platform Installation - View 1

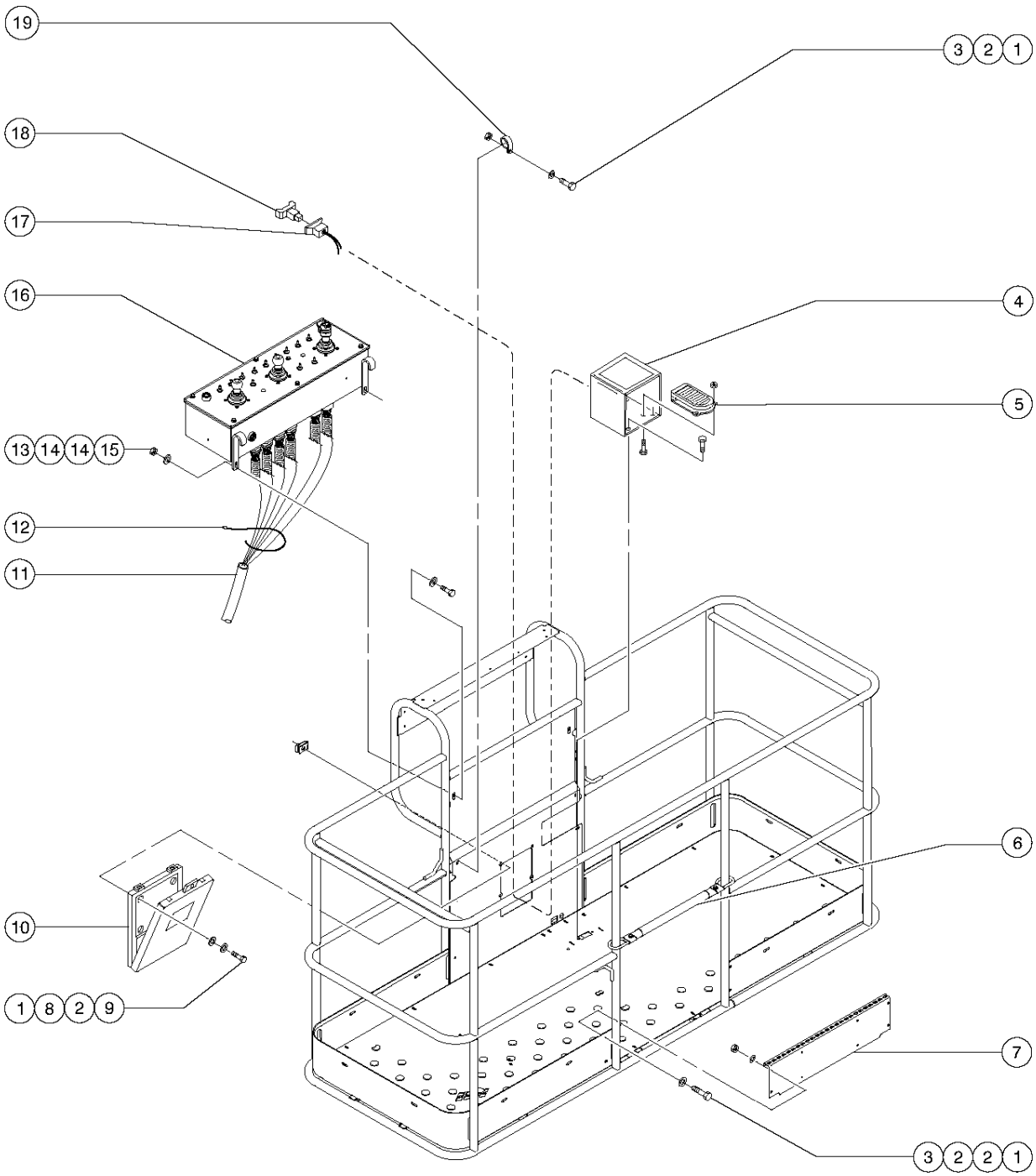
Item	*Part No.*	*Description*	*Qty.*
20	54274GT	SCREW,STEP BOLT,1/4-20 X .75	3

702.1 Platform Installation - View 2



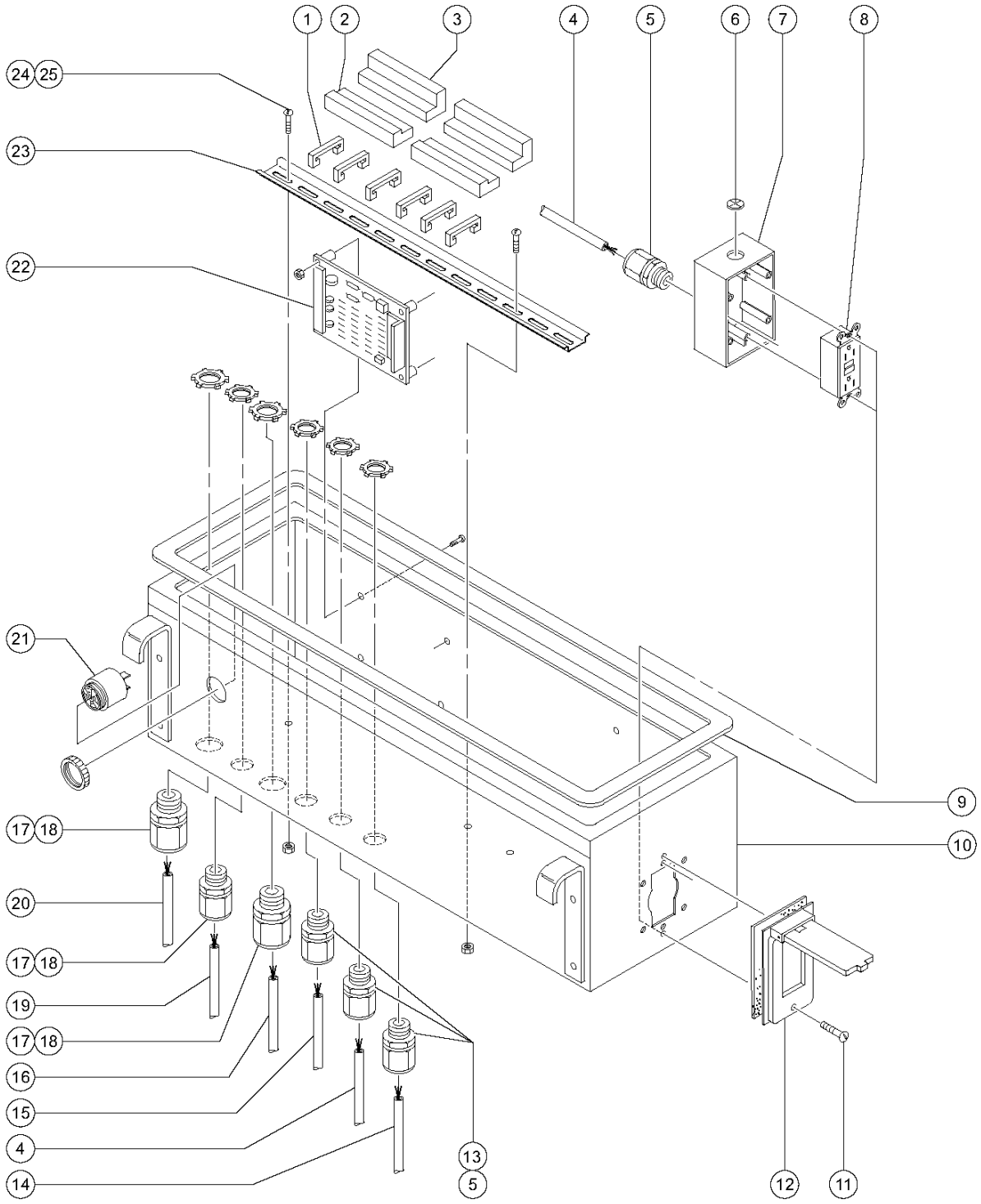
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	9
2	6638GT	WASHER, FLAT, USS, 1/4"Y	9
3	6091GT	NUT,NYLOCK,1/4-20	9
4	27528GT	FOOT SWITCH GUARD W/DECALZ45	1
5	13482GT	FOOT SWITCH*** includes mounting fasteners	1
6	102992GT	SLIDING MIDRAIL KIT,PTD includes index 2 and 3	1
6-	12443GT	MIDRAIL GUIDE (HOOK)	1
6-	139451GT	TUBE,SLIDING MIDRAIL,PAINTED	1
6-	20973GT	WIRE LOOM,3/8 POLY SLIT	1
6-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	1
6-	6888GT	SCREW, HHC, 1/4-20 X 1	1
7	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
7-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*	1
8	6356GT	WASHER, LOCK, .25	4
9	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	4
10A	44743GT	MANUAL BOX W/DECALS*** USA/Canada/Australia	1
10B	24514GT	BOX, INSTRUCTION STORAGE** Europe/Asia/South America (decal required; refer to Section100)	
11	49219GT	SLEEVE,NYLON,2.19 ID,BULK	
12	28443GT	CABLE TIE, 11.5" BLACK	3
13	7713GT	NUT, LP NYLOCK, 3/8-16	4
14	5397GT	WASHER, FLAT, USS, 5/16-18	4
15	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
16		Ref. Platform Controls (refer to figures 703.1 and 704.1)	8
17	29431GT	CONNECTOR ASSEMBLY,FOOTSWITCH	1
17-	45139GT	RECEPT.,SNAP-IN,4 POLE ANDERSN	1
17-	22431GT	TERMINAL,ANDERSON,30A 12-16 GA	1
17-	22432GT	ANDERSON HOUSING,15-45 AMP BLK	1
17-	22433GT	ANDERSON HOUSING,15-45,AMP,WHT	1

702.1 Platform Installation - View 2



Item	Part No.	Description	Qty.
17-	22434GT	ANDERSON HOUSING,15-45 AMP RED	1
17-	45201GT	SPACER,LONG ANDERSON	1
17-	45202GT	PIN,ROLL,.094 X .875	1
18	31256GT	FOOTSWITCH WIRE ASSY,Z60	1
18-	45313GT	PLUG,W/LATCH,4 POLE,ANDERSON	1
19	56244GT	HOSE ASSY,T2 TO JIB JUNCTION	2

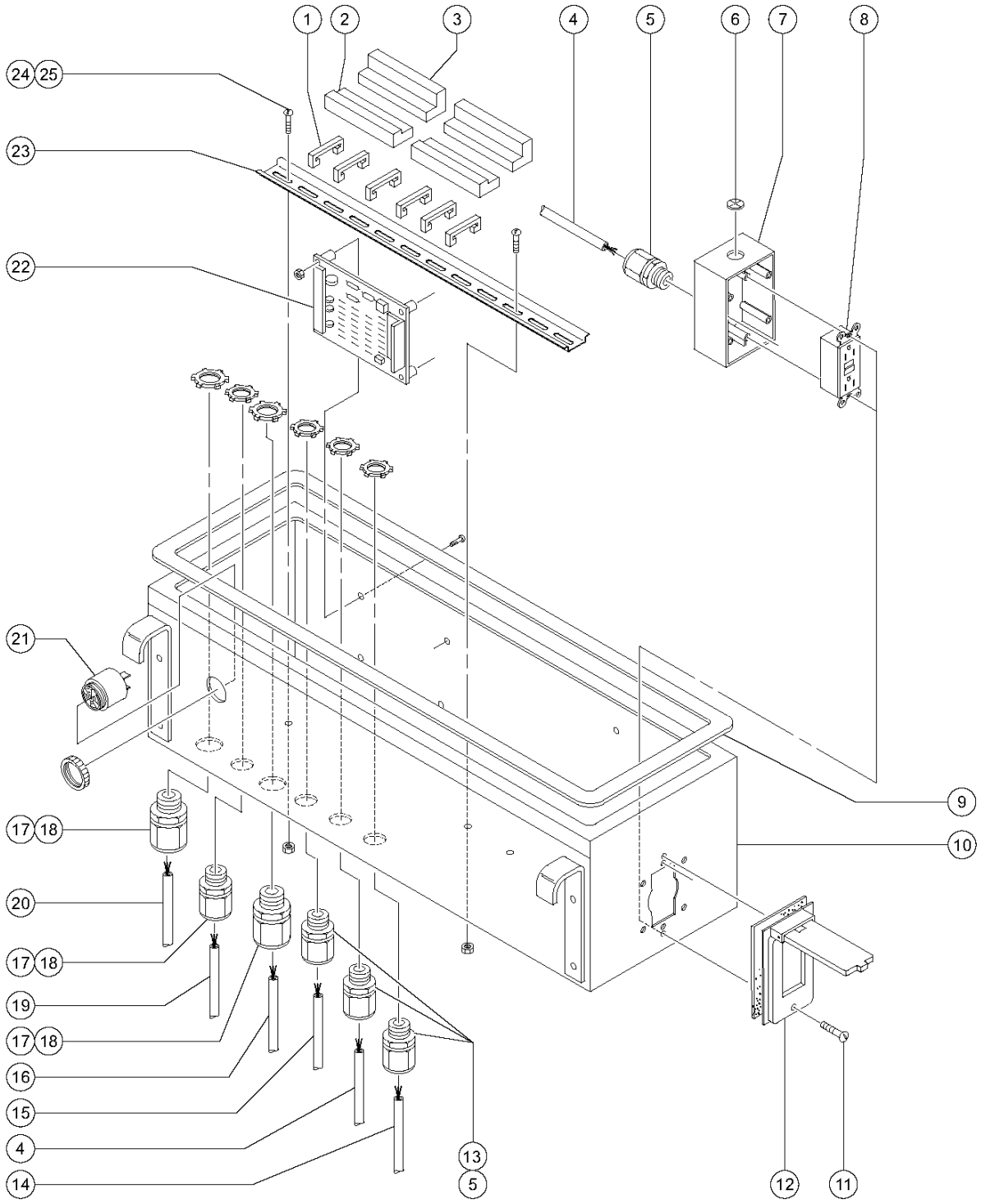
703.1 Platform Controls - View 1



703.1 Platform Controls - View 1

Item	Part No.	Description	Qty.
1	25838GT	MOUNTING ADAPTOR	6
2	25834GT	QUICK DISCONNECT MALE	2
3	28308GT	QUICK DISCONNECT,FEMALE**	2
4	6599GT	WIRE CABLE,14/3 SO,BULK	1032 inches
5	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	4
5-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	4
6	8843GT	COVER,KNOCK OUT HOLE,4 PER BAG	4
7	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
8	6599GT	WIRE CABLE,14/3 SO,BULK	1032 inches
8-	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT Europe	1
9	27115GT	GASKET,UPPER CONTROL BOX	1
10	31259GT	PLAT.CNTRL.BOX W/DECALS,Z60 includes index number 9	1
11	12348GT	SCREW,RHM,6-32 X .75	2
12	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners	1
13	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	4
14	6562GT	WIRE CABLE,16/4 SJO,BULK	97 inches
15	31256GT	FOOTSWITCH WIRE ASSY,Z60	1
16	35934GT	WIRE CABLE,18/19 CON.TPRJKT	1032 inches
17	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	3
18	14041GT	LOCKNUT,ELECTRIC,3/4"	3
19	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL	1032 inches
20	35934GT	WIRE CABLE,18/19 CON.TPRJKT	1032 inches

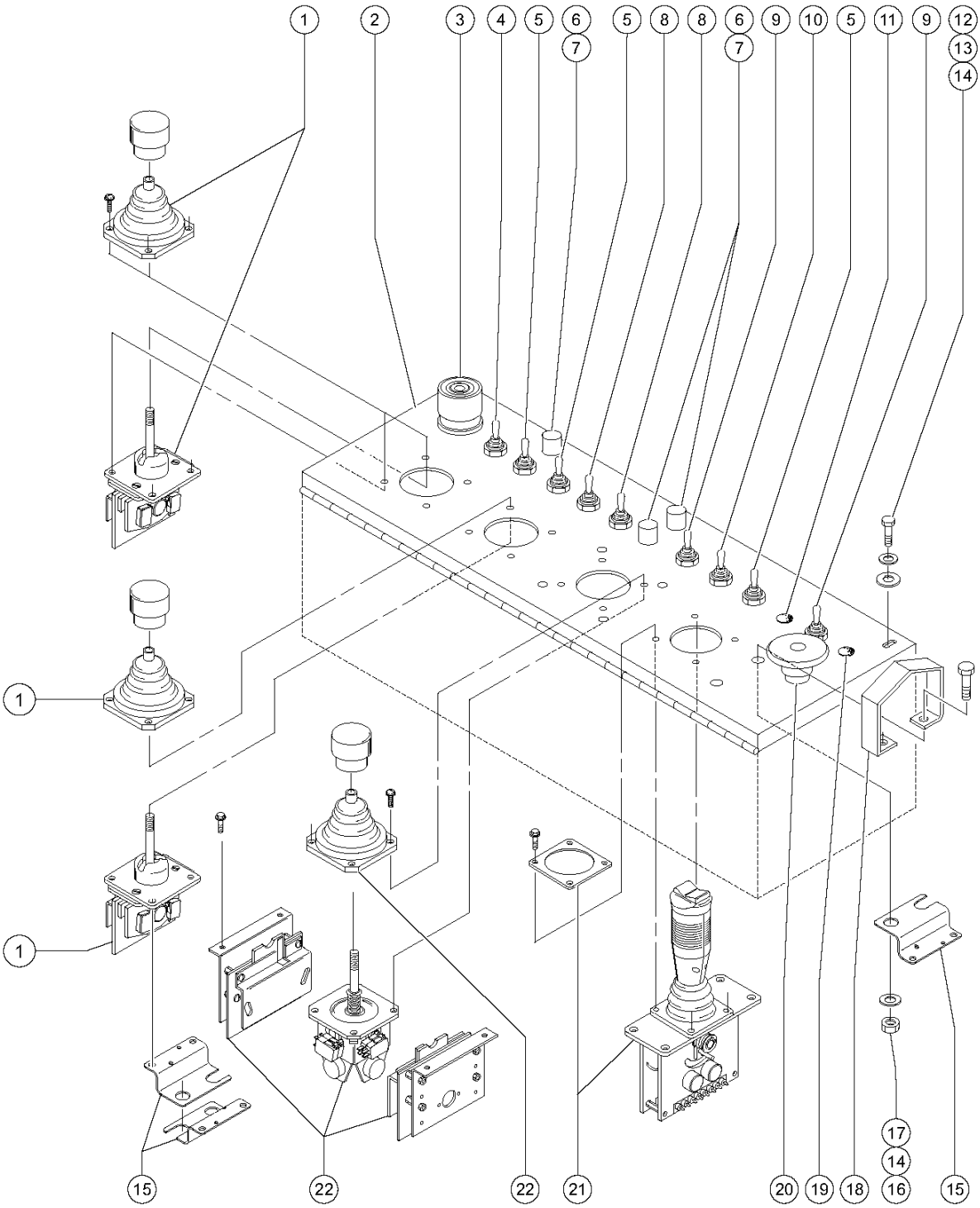
703.1 Platform Controls - View 1



703.1 Platform Controls - View 1

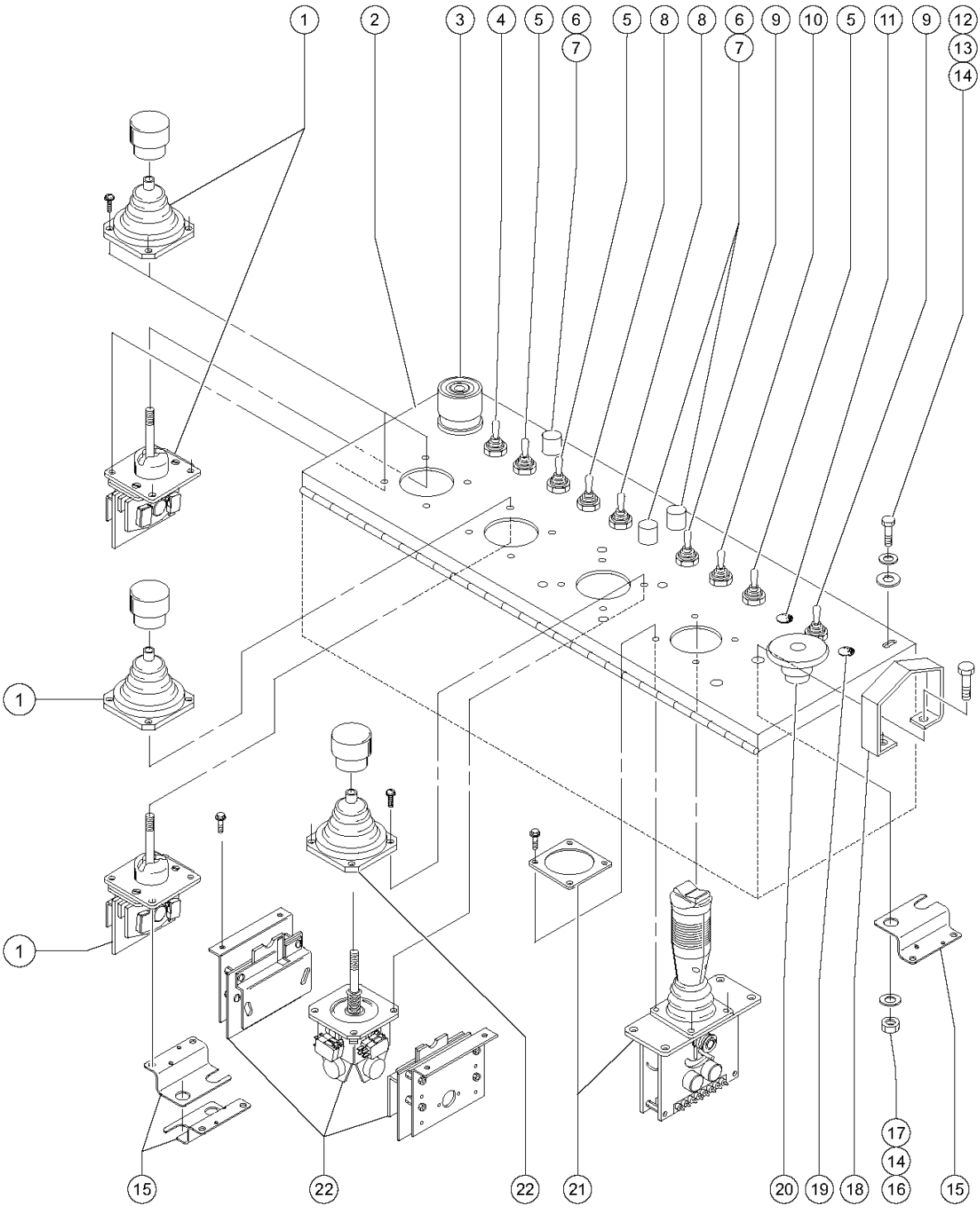
Item	Part No.	Description	Qty.
21	45383GT	ALARM,WARBLE TONE 5-30 VDC*** ..... Does not include 72326 nut	1
21-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
22		LIMITER PC BOARD, HORSEPOWER ..... (includes mounting fasteners), no longer available	1
22-	39591GT	SPACER,NYLON,.375 ..... sold separately	4
23	25839GT	DIN RAIL,19.75"	1
24	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	2
25	12344GT	NUT,NYLOCK,6-32	2

704.1 Platform Controls - View 2



Item	Part No.	Description	Qty.
	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
1		Ref., JOYSTICK CONTROLLER,12V refer to 707.1	2
2	31259GT	PLAT.CNTRL.BOX W/DECALS,Z60	1
3	122513GT	KIT,HORN SVC BB&SM BOOM	1
3-	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
3-	66815GT	BASE, W/1 N.O. CONTACTS***	1
4	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM includes mounting fasteners	1
5	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners	3
6	22777GT	LIGHTBULB,T 1.75,14V(10PACK)	3
7	22776GT	SOCKET,IND.LITE,W/RED LENS	3
8	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM includes mounting fasteners	2
9	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners	2
10	128206GT	SWITCH TOGGLE ASSY DPDT 3P MNT includes mounting fasteners	1
11	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Gasoline/LPG models	1
11-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Deutz Diesel models	2
12	6090GT	SCREW, HHC, 1/4-20 X .75	2
13	6356GT	WASHER, LOCK, .25	2
14	6638GT	WASHER, FLAT, USS, 1/4"Y	4
15	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	3
15-	27117GT	RESISTOR,250 OHM,5 WATT	1
15-	27116GT	RESISTOR,100 OHM,25 WATT	1
16	6091GT	NUT,NYLOCK,1/4-20	2
17	8914GT	SCREW, HHC, 1/4-20 X .625	2
18	27033P-SGT	SUPPORT,WRIST,PAINTED-BLUE	1
19	15243GT	PLUG,NYLON .875 BLACK DOMED	1
20	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
20-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1

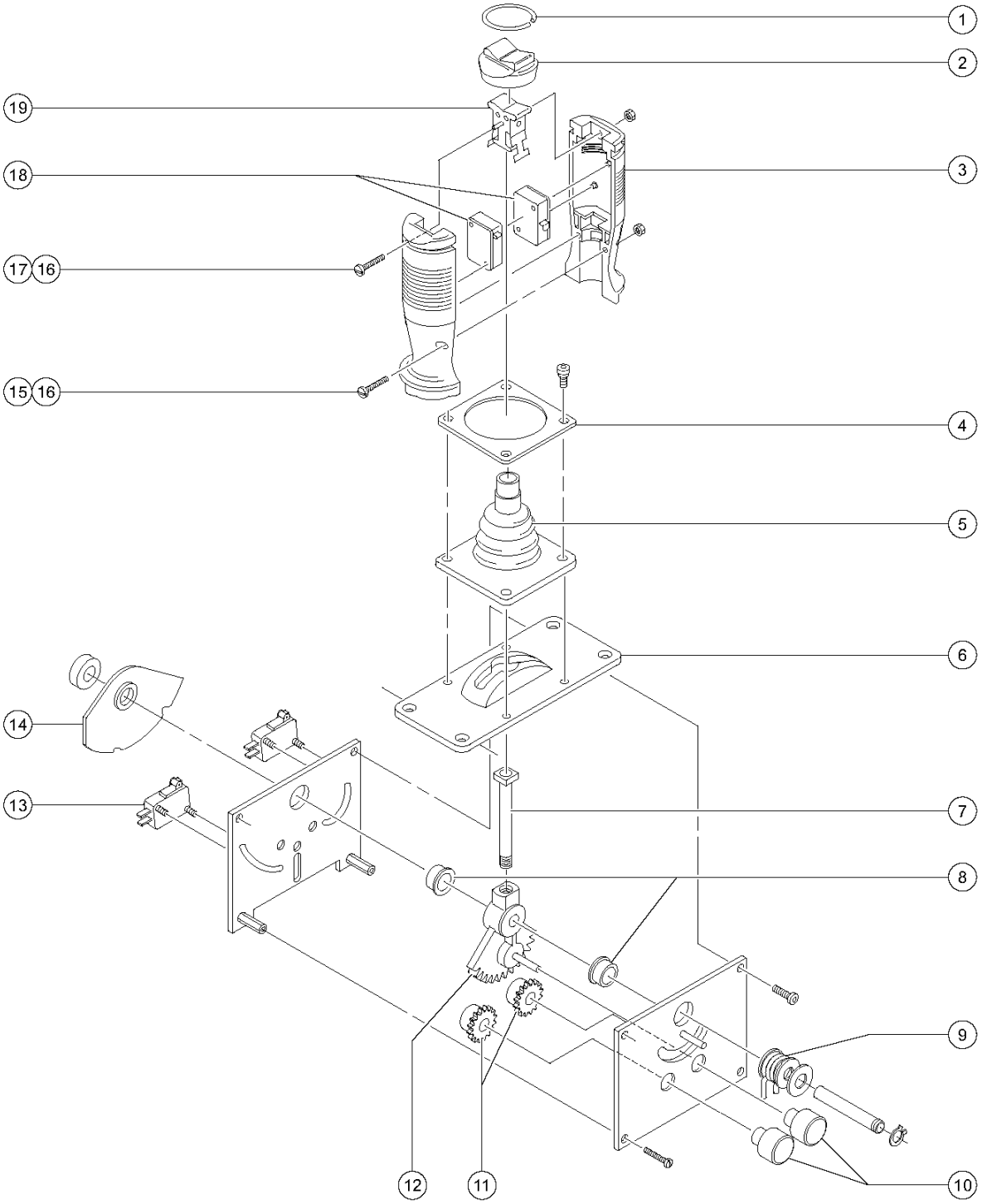
704.1 Platform Controls - View 2



704.1 Platform Controls - View 2

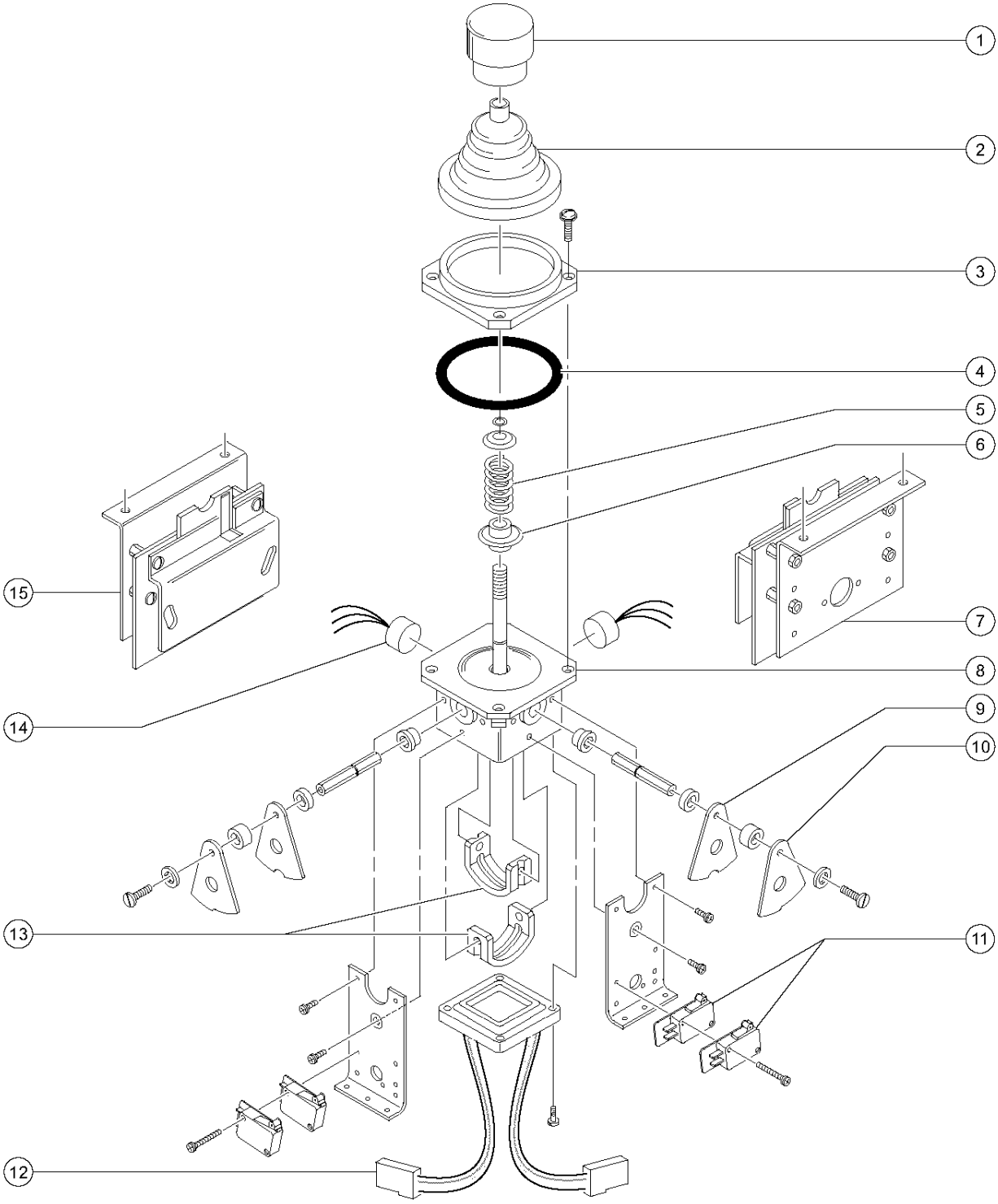
Item	*Part No.*	*Description*	*Qty.*
20-	66818GT	CONTACT,NC	1
20-	66821GT	BASE,WITHOUT CONTACTS	1
20-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
21		Ref., JOYSTICK CONTROLLER,12V refer to 705.1	1
22		Ref., JOYSTICK CONTROLLER,12V refer to 706.1	

705.1 Joystick Controller - Drive / Steer



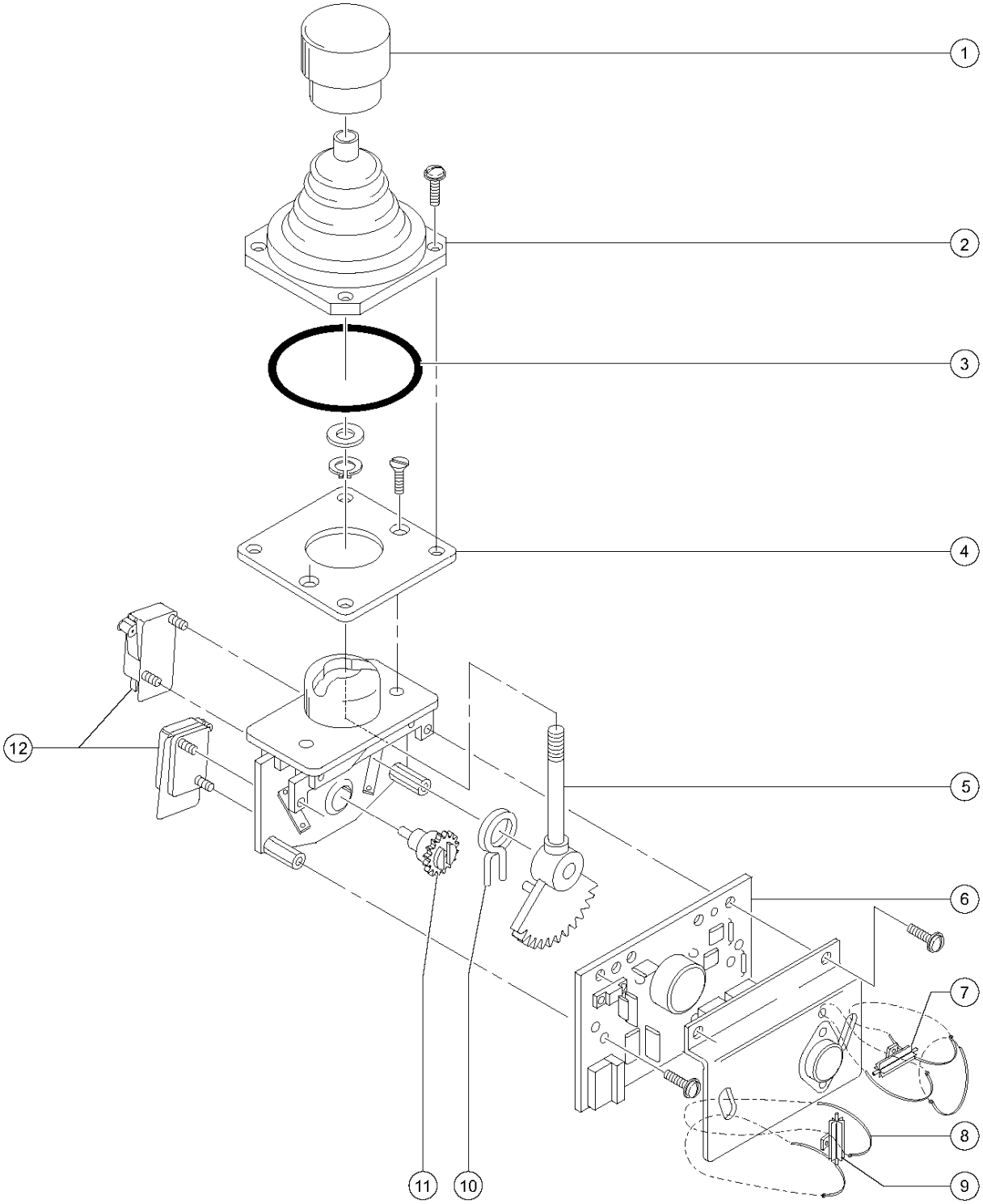
Item	Part No.	Description	Qty.
	20424GT	JOYSTICK CONTROLLER,12V OEM joystick, contains all shown service parts	1
	20424HGT	JOYSTICK CONTROLLER,12V aftermarket joystick replacement	
1	25882GT	LOCK RING	1
2	25881GT	BOOT,THUMB 20424 JOYSTICK	1
3	25883GT	HANDLE HALF,JOYSTICK (20424)	2
3-	72245GT	KIT, JOYSTICK HANDLE includes handles, rocker and nut/bolt kit	
3-	49887GT	NUT & BOLT KIT (25883)	1
4	44221GT	COLLAR, BOOT RETAINING	1
5	22368GT	BOOT (20424)	1
6	25884GT	COVER CASTING,20424 CONTROLLER	1
7	44211GT	SHAFT,W/NF STYL BLOCK,(20424)*	1
8	52778GT	BEARING,FLANGED,.376ID (20424)	2
9	58209GT	SPRING,RETURN***	1
10	22364GT	POTENTIOMETER (20424)	2
11	22367GT	SPUR GEAR (20424)	2
12	44212GT	GEAR CASTING,20424 CONTROLLER*	1
13	22365GT	SWITCH (20424)	2
14	22366GT	CAM ASSY (20424)	1
15	52776GT	SCREW,HEX,M4X0.7X10MM (20424)*	2
16	52777GT	NUT,HEX,M4 X 0.7 MM (20424)***	3
17	52775GT	SCREW,HEX,M4X0.7X30MM (20424)*	1
18	23680GT	SWITCH,HANDLE,20424	2
19	23688GT	ROCKER ASSY,HANDLE (20424)***	1

706.1 Joystick Controller - Boom Functions, Dual Axis



Item	Part No.	Description	Qty.
	53073GT	JOYSTICK,MULT AXIS CONT,OEM*** ..... OEM joystick, contains all shown service parts	
	53073HGT	JOYSTICK,MULT AXIS CONT ..... aftermarket joystick replacement	
1	27133GT	HANDLE,CAP,CONTROLLER	1
2	27134GT	BOOT,CONTROLLER ..... includes 46272 flange	1
3	46272GT	FLANGE-JOYSTICK MOUNTING,44988	1
4	31526GT	O-RING,BOOT,CONTROLLER	1
5		SPRING,24493 CONTROLLER ..... no longer available	1
6	31283GT	BUSHING,SPRING SEAT	1
7	52585GT	PCB,11179CD,(LIFT)***	1
8	52587GT	SHAFT & HOUSING ASSY	1
9	52588GT	DRIVE GEAR - INSIDE #53073	2
9A	58477GT	SHAFT (53073)***	2
10	52589GT	DRIVE GEAR - OUTSIDE #53073	2
11	19712GT	MICROSWITCH,V3L-139-D8	4
12	58923GT	SADDLE BRCKT40613,34419,53073* ..... harness shown for illustration purpose only	1
13	37948GT	SADDLES-SET(24493,40613,53073*	1
14	52591GT	POTENTIOMETER-JOYSTCK(53073)	2
14	65827GT	ADAPTER (53073,52591) **	2
15	52586GT	PCB,11179AB, (SWING)***	1

707.1 Joystick Controller - Boom Functions, Single Axis



707.1 Joystick Controller - Boom Functions, Single Axis

Item	Part No.	Description	Qty.
	24495GT	JOYSTICK,SINGLE AXIS PROPORT OEM joystick, contains index numbers 1 - 6 and 10 - 12	
	24495HGT	JOYSTICK,SINGLE AXIS PROPORT aftermarket joystick replacement	
1	27133GT	HANDLE,CAP,CONTROLLER	1
2	27134GT	BOOT,CONTROLLER	1
3	31526GT	O-RING,BOOT,CONTROLLER	1
4	19720GT	CASTING,45049, 40612	1
5	27135GT	SHAFT W/GEAR	1
6	27524GT	PCB,ASSY,24495	1
6-	49870GT	POTENTIOMETER (24493)	1
7	27116GT	RESISTOR,100 OHM,25 WATT	1
8	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	5
9	27117GT	RESISTOR,250 OHM,5 WATT	1
10	21434GT	SPRING & BUSHING KIT,RETURN***	1
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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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