A TEREX BRAND

Parts Manual

Serial Number Range

Z-60/34

to SN 1090 to 4000

Part No. 65440GT
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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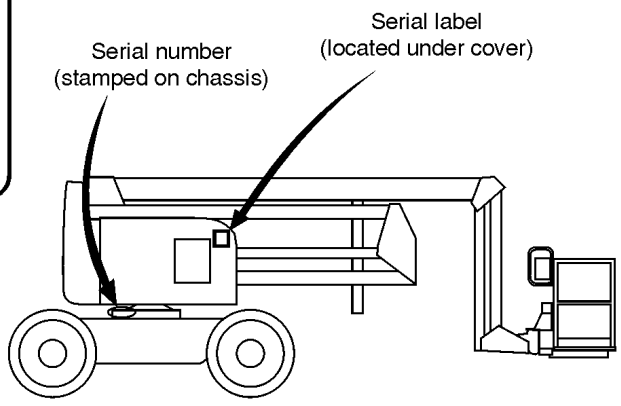
Genie®
A TEREX BRAND

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)

Description **Page**

100 Decals 10

101.1 Decals 10

200 2WD Drive Chassis Components 14

201.1 2WD Steer Axle Linkage, Non-oscillating Models 14
202.1 2WD Steer Axle Linkage, Oscillating Models 16
203.1 2WD Steer Axle - Wheels and Hubs 20
204.1 2WD Steer Manifold and Steer/Oscillating Manifold 22
205.1 2WD Drive Manifold 24
206.1 2WD Non-steer Axle 26
207.1 2WD Hydraulic Hoses and Fittings - Non Oscillating Axle 30
208.1 2WD Hydraulic Hoses and Fitting - Oscillating Models 34

300 4WD Drive Chassis Components 38

301.1 4WD Steer Axle Linkage 38
302.1 4WD Steer Axle Linkage - Wheels and Hubs 42
303.1 4WD Steer/Oscillating Manifold 44
304.1 4WD Drive Manifold 46
305.1 4WD Non-steer Axle 48
306.1 4WD Hydraulic Hoses and Fittings - Oscillating Axle 52

400 Engine Components 56

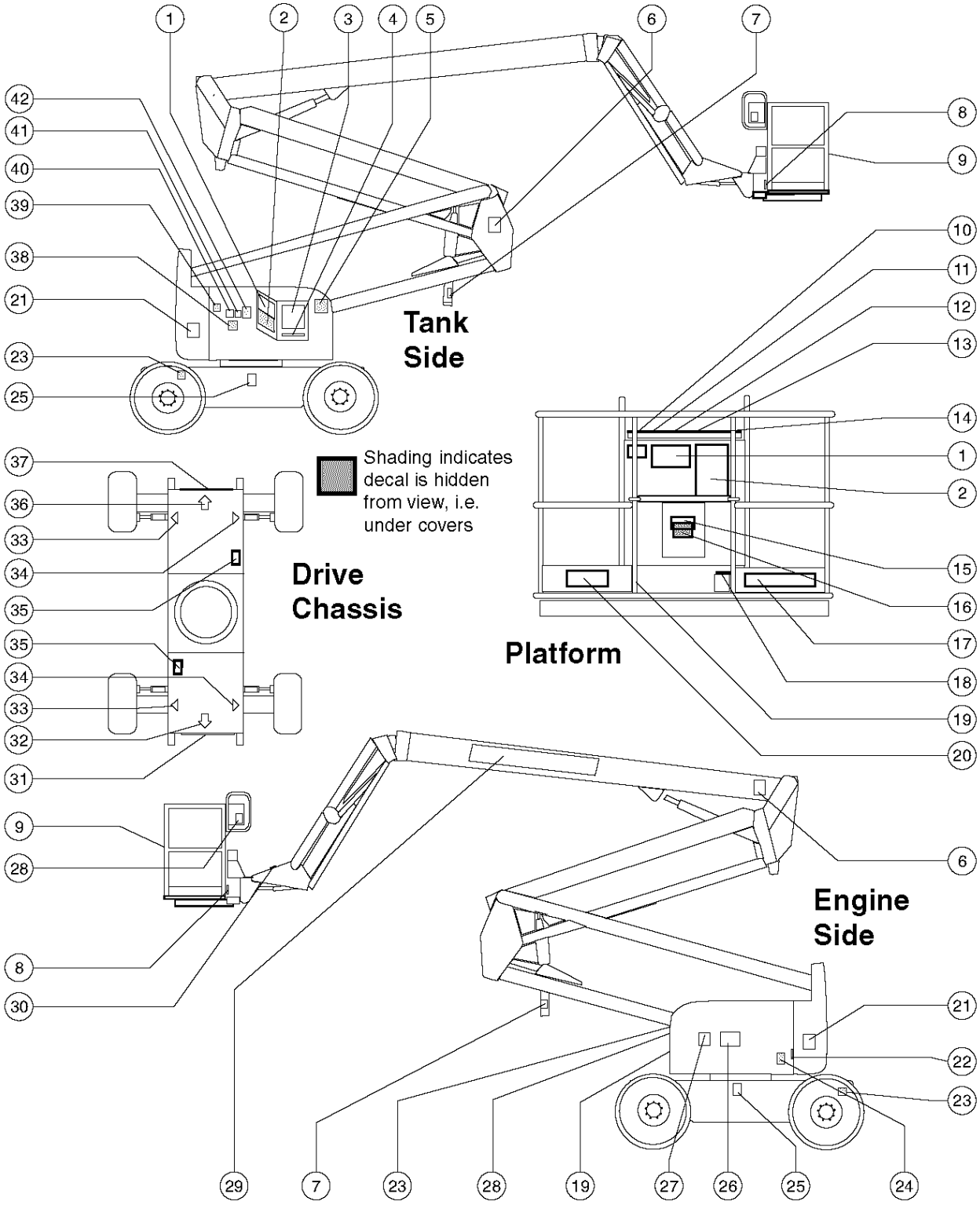
401.1 Ford LRG-425 EFI Engine - View 1 56
402.1 Ford LRG-425 EFI Engine - View 2 62
403.1 Ford LRG-425 EFI Engine - View 3 68
404.1 Deutz F4L 1011F Diesel Engine - View 1 72
405.1 Deutz F4L 1011F Diesel Engine - View 2 76
406.1 Deutz F4L 1011F Diesel Engine - View 3 80

500 Turntable Components 86

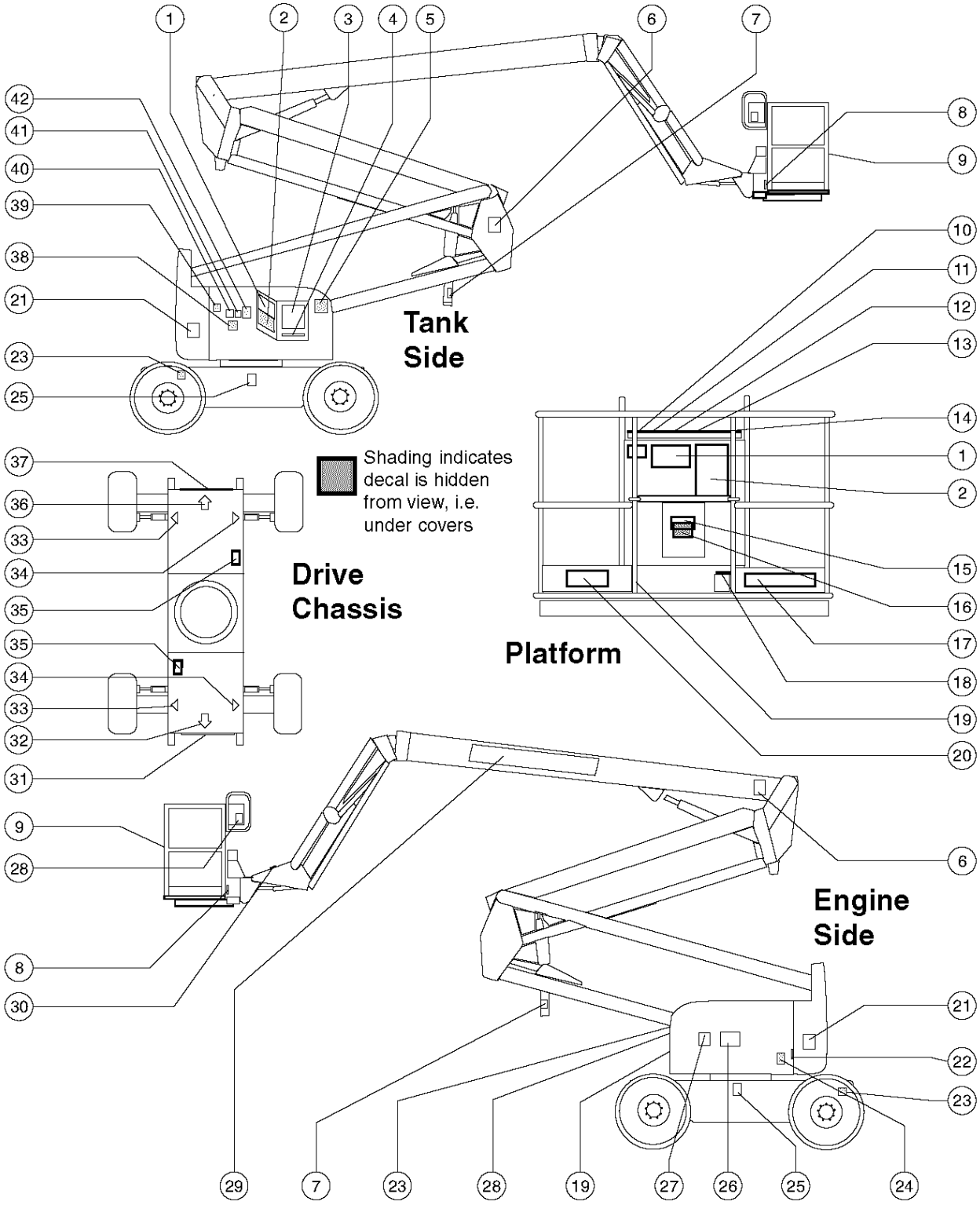
501.1 Hydraulic and Fuel Tanks - Ford Models (with plastic fuel tank) 86
502.1 Hydraulic and Fuel Tanks - Ford Models (with metal fuel tank) 90
503.1 Hydraulic and Fuel Tanks - Deutz Models (with plastic fuel tank) 94
504.1 Hydraulic and Fuel Tank Deutz Models (with metal fuel tank) 96
505.1 Function Manifold and Auxiliary Power Unit Installation 98
506.1 Function Manifold 102
507.1 Turntable Rotator and Rotary Couplers 108
508.1 Ground Controls - View 1 114
509.1 Ground Controls - View 2 118
510.1 Turntable Covers 124
511.1 Hydraulic Hoses and Fittings - Turntable Components 128

Description	Page
600 Boom Components	**132**
601.1 Secondary Boom - View 1	132
602.1 Secondary Boom - View 2	136
603.1 Upper Mid-pivot	140
604.1 Upper Mid-pivot and Primary Boom Rests	142
605.1 Primary and Extension Booms	144
606.1 Cable Track	148
607.1 Jib Boom and Platform Rotator	152
608.1 Hydraulic Hoses and Fittings - Boom Components	158
700 Platform Components	**160**
701.1 Platform Installation - View 1	160
702.1 Platform Installation - View 2	164
703.1 Platform Controls - View 1	168
704.1 Platform Controls - View 2	172
705.1 Joystick Controller - Drive/Steer Functions	176
706.1 Joystick Controller - Secondary Boom Functions, Single Axis	178
707.1 Joystick Controller - Primary Boom and Turntable Rotate Functions	180
800 Accessories	**182**
801.1 Alarm and Beacon Package	182
802.1 Platform Options	184
803.1 Airline to Platform	188
804.1 Generator and Spare LPG Tank	190
805.1 Hoses and Fittings - Generator Option	194
806.1 Cold Start Package - Ford and Deutz Engines	196
807.1 Hostile Environment Package, Bellows and Cylinders	198
808.1 Hostile Environment Package - View 2	200
809.1 Lift Tools Access Deck - 8 Feet	202
810.1 Lift Tools Access Deck - 6 Feet	206
Part Number Index	**210**

Notes

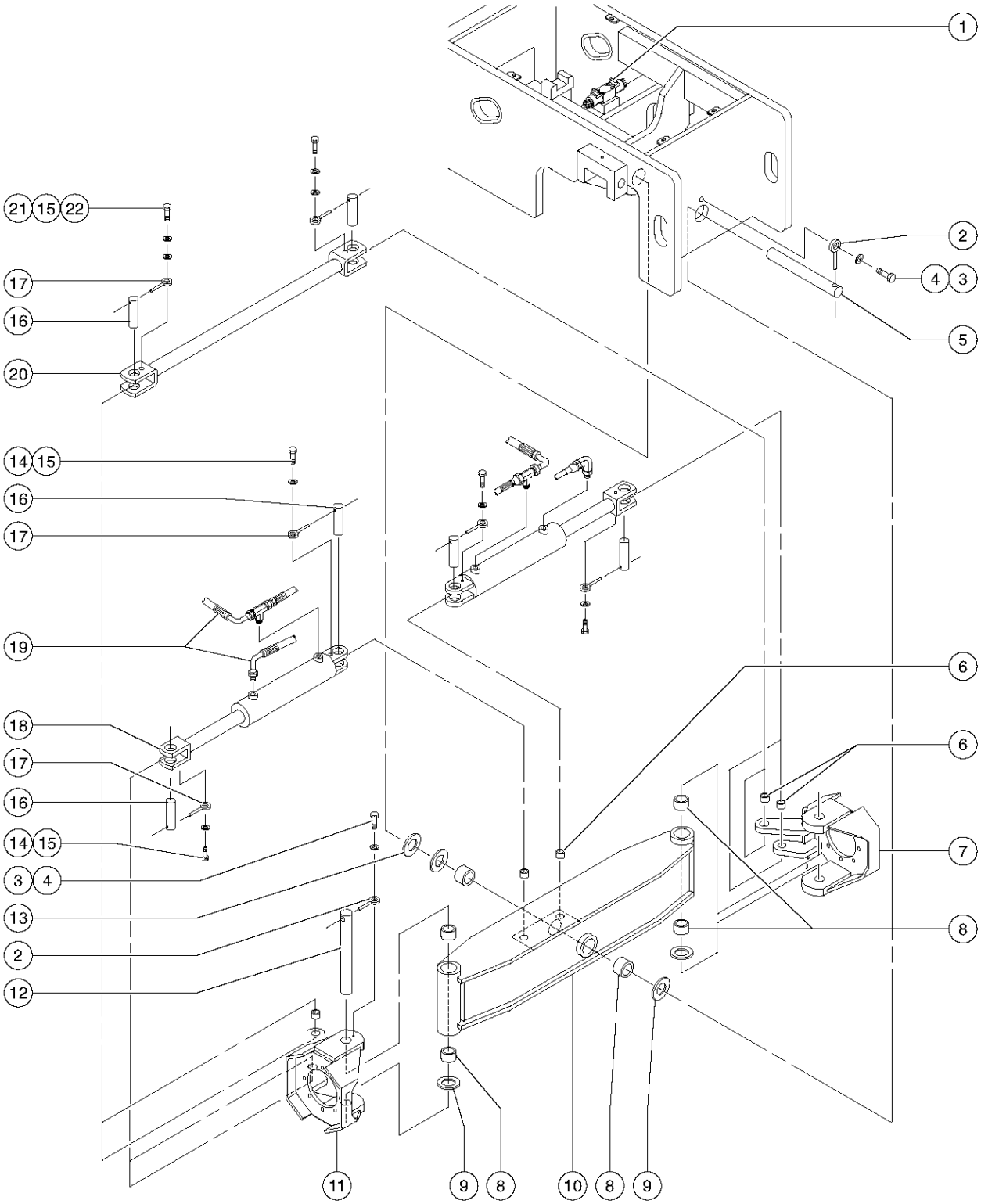

Tank Side
Drive Chassis
Platform
Engine Side
Shading indicates decal is hidden from view, i.e. under covers

Item	Part No.	Description	Qty.
	65465GT	DECAL KIT/SFTY-INSTRUCTZ60IC Ford Models; kit does not include index numbers 7, 12, 13, 14, 19, 20, 22, 28, 29, 31, through 34 and 37	
	46229GT	DECAL KIT,INSTRUCT,Z-60 DIESEL Deutz Models; kit does not include index numbers 7, 12, 13, 14, 19, 20, 22, 28, 29, 31 through 34 and 37	
1	43647GT	DECAL,NOTICE,OPER INST.IC***	2
2	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
3	49928GT	DECAL,GND CONT PNL,Z60 to SN 2601	1
3-	72161GT	DECAL,GND CONT PNL,Z60 from SN 2602	1
4	43663GT	DECAL,NOTICE, FUNCTION ENABLE*	1
5	77046GT	SERIAL # LABEL,MYLAR 4X8*** from SN 3177	1
5-	77183GT	FILM,POLY,CLEAR,4.5 X 8.75	1
6	31060GT	DECAL,DANGER DO NOT ALTER SWTC	2
7	31059GT	DECAL,WARNING COLLISION HAZARD	2
8	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
9	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
10	52230GT	DECAL,PLATFORM CTRL PANEL*** to SN 2601	1
10-	72441GT	DECAL,PLATFORM CONTROL PANEL** from SN 2602	1
10-	52251GT	DECAL,PROTECTOR,CLEAR,PLATE***	1
11	33952GT	DECAL,DANGER,TILT ALARM	1
12	44769GT	DECAL,LABEL,LFT/DRV SELECT	1
13	32726GT	DECAL,OPTION GLOW PLUGS*** Deutz Models	1
14	133518GT	DECAL, PATCH, GEN,ALC-500	1
15	28236GT	DECAL,WARN,IMPROPER OPERATION	1
16	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
17	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
18	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	119
19	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
20	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI ANSI and CSA Models	1
20-	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS CE Models	1


Tank Side
Drive Chassis
Platform
Engine Side
Shading indicates decal is hidden from view, i.e. under covers

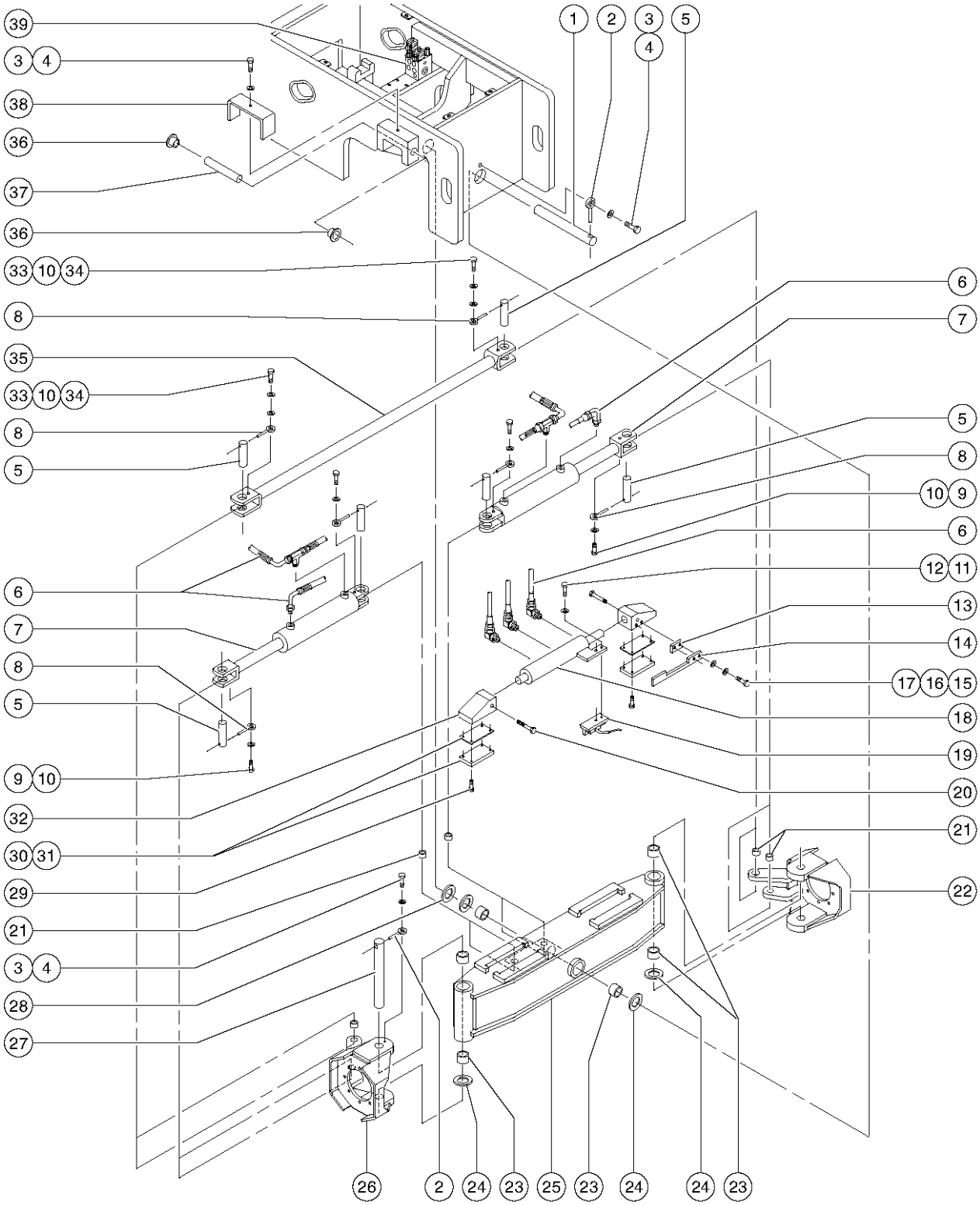
Item	Part No.	Description	Qty.
21	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
22	35599GT	DECAL,NOTICE,AIR INLET***	1
23	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
24	33986GT	DECAL,NOTICE,DEUTZ ENG SPEC	1
24-	49741GT	DECAL,NOTICE,FORD EFI ENG SPEC	1
25	30082GT	DECAL,NOTICE TIRE PRESSURE	4
26	28175GT	DECAL,WARNING-COMPART ACCESS	1
27	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
28	28235GT	DECAL,POWER TO PLATFORM 115V	1
28-	28174GT	DECAL,POWER TO PLATFORM 230V	1
29	52965GT	DECAL,COSMETIC,GENIE Z-60/34	1
30	28181GT	DECAL,WARN,FALL HAZARD	1
31	52966GT	DECAL,COSMETIC,4 X 2	1
31-	52967GT	DECAL,COSMETIC,4 X 4	1
32	27205GT	DECAL,ARROW YELLOW LRG 9"	1
33	27206GT	DECAL,TRIANGLE,BLUE	2
34	27207GT	DECAL,TRIANGLE,YELLOW	2
35	28178GT	DECAL,WARN,SHEAR TURNTABLE	2
36	27204GT	DECAL,ARROW BLUE	1
37	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
38	28160GT	DECAL,LABEL,LIQUID PROPANE Ford Models	1
39	28157GT	DECAL,USE DEXRON***	1
40	28158GT	DECAL,LABEL,UNLEADED GAS ONLY Ford Models	2
40-	28159GT	DECAL,DIESEL Deutz Models	2
41	28171GT	DECAL,DANGER,NO SMOKING ***	1
42	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1

201.1 2WD Steer Axle Linkage, Non-oscillating Models



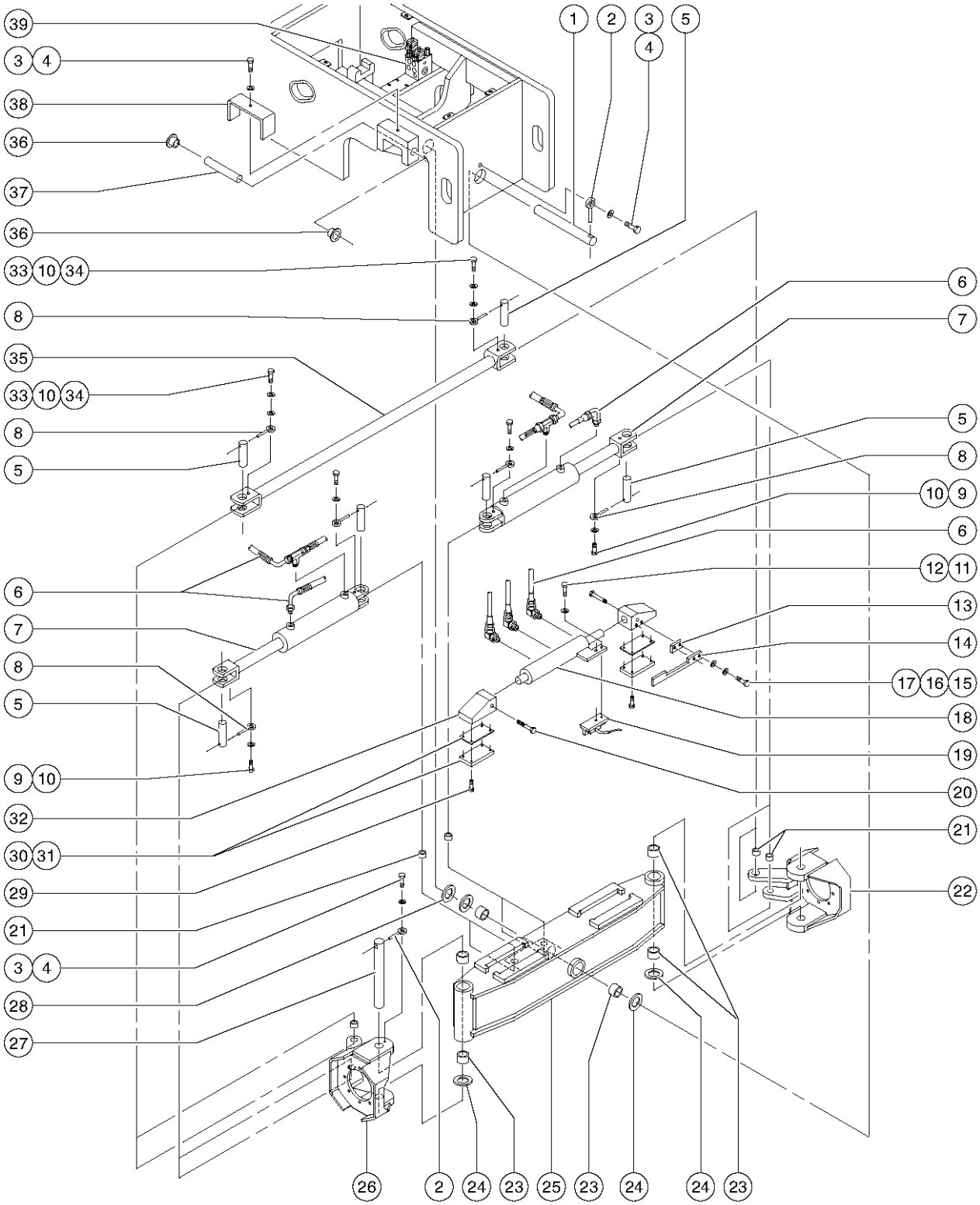
Item	Part No.	Description	Qty.
1		Ref. Steer Manifold, 2WD (refer to Figure 204.1)	
2	1256267GT	ROD END,.5 X 3.75,ZAG	3
3	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	3
4	6033GT	WASHER,LOCK,0.5"	3
5	36370GT	PIN,2.50DIAX15.00LG,1HOLE	1
6	53451GT	BEARING,1.00"ID X 1.40"OD X 1"	6
7	46966GT	YOKE ASSY 2/4WD,L.S.,Z60 includes 2 each index number 6	1
8	27698GT	BEARING,2.50IDX2.75ODX2.00L	6
9	25436GT	WASHER,THRUST,2.56 X 4.0 X.18	1
10	46965GT	NON-OSCILAT'G AXLE Z60/1997 includes index numbers 8 and 10	1
11	46967GT	YOKE ASSY 2/4WD,R.S.,Z60 includes index number 6	1
12	44086GT	PIN,2.50DIAX15.75LG,1HOLE	1
13	29746GT	WASHER,FLAT,2.5 X 4 X .062	4
14	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	4
15	6021GT	WASHER, LOCK, .375	6
16	25419GT	PIN,STEER	6
16-	30734GT	PIN,1.00DIAX2.88LG,1HOLE	6
17	1255452GT	ROD END,.375 X 2.25,ZAG	6
18	59188GT	CYLINDER,STEERING,Z60***	2
18-	59050GT	SEAL KIT,2.5" BORE,1.5" ROD***	
18-	59069GT	PISTON COMPLETE W/ SEALS	
18-	5923GT	PISTON SEAL ONLY	
19		Ref. Hydraulic Hoses and Fittings (refer to Figure 207.1)	2
20	58101GT	TIE ROD ENHANCEMENT KIT to SN 1970	1
20-	63194GT	TIE ROD WELD, SERVICE from SN 1971	1
21	6175GT	SCREW,HHC,3/8-16 X 1	2
22	5397GT	WASHER, FLAT, USS, 5/16-18	2

202.1 2WD Steer Axle Linkage, Oscillating Models



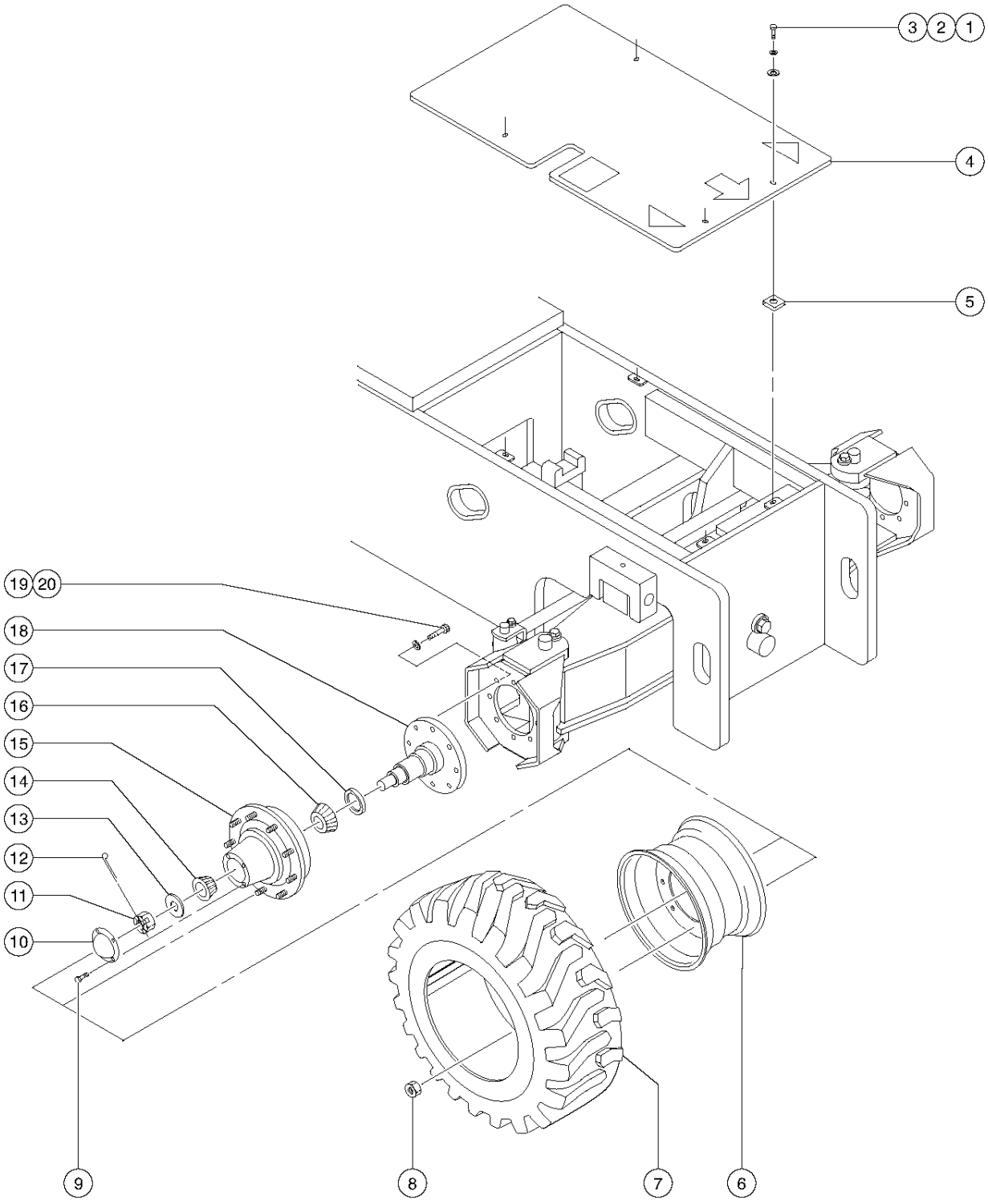
Item	Part No.	Description	Qty.
1	36370GT	PIN,2.50DIAX15.00LG,1HOLE	1
2	1256267GT	ROD END,.5 X 3.75,ZAG	3
3	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	5
4	6033GT	WASHER,LOCK,0.5"	5
5	25419GT	PIN,STEER to SN 1642	6
5-	30734GT	PIN,1.00DIAX2.88LG,1HOLE from SN 1643	6
6		Ref. Hydraulic Hoses and Fittings (refer to Figure 208.1)	6
7	59188GT	CYLINDER,STEERING,Z60***	2
7-	59050GT	SEAL KIT,2.5" BORE,1.5" ROD***	
7-	59069GT	PISTON COMPLETE W/ SEALS	
7-	59328GT	PISTON SEAL ONLY	
8	1255452GT	ROD END,.375 X 2.25,ZAG	6
9	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	4
10	6021GT	WASHER, LOCK, .375	6
11	45645GT	SCREW,RHM,8-32 X .75	2
12	6607GT	WASHER,LOCK,#10 PLTD	2
13	29855PGT	BRACKET,PUSH ROD SWITCH,PAIN	1
14	31266GT	ACTUATOR ASSY,PROX.SWITCH	1
14-	29261GT	MAGNET,NEODYMIUM,.375 X .100	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	63216GT	CYLINDER, OSCILLATING AXLE	1
18-	63356GT	SEAL KIT CYL.S/Z60(63216)	1
19	65441-SGT	PROX SWITCH ASSY-Z60	1
20	8357GT	SCREW, HHC, 1/2-13 X 3.5	2
21	27694GT	BEARING,1.25 ID X 1.41 OD X 1" to SN 1970	6
21-	53451GT	BEARING,1.00"ID X 1.40"OD X 1" from SN 1971	6

202.1 2WD Steer Axle Linkage, Oscillating Models



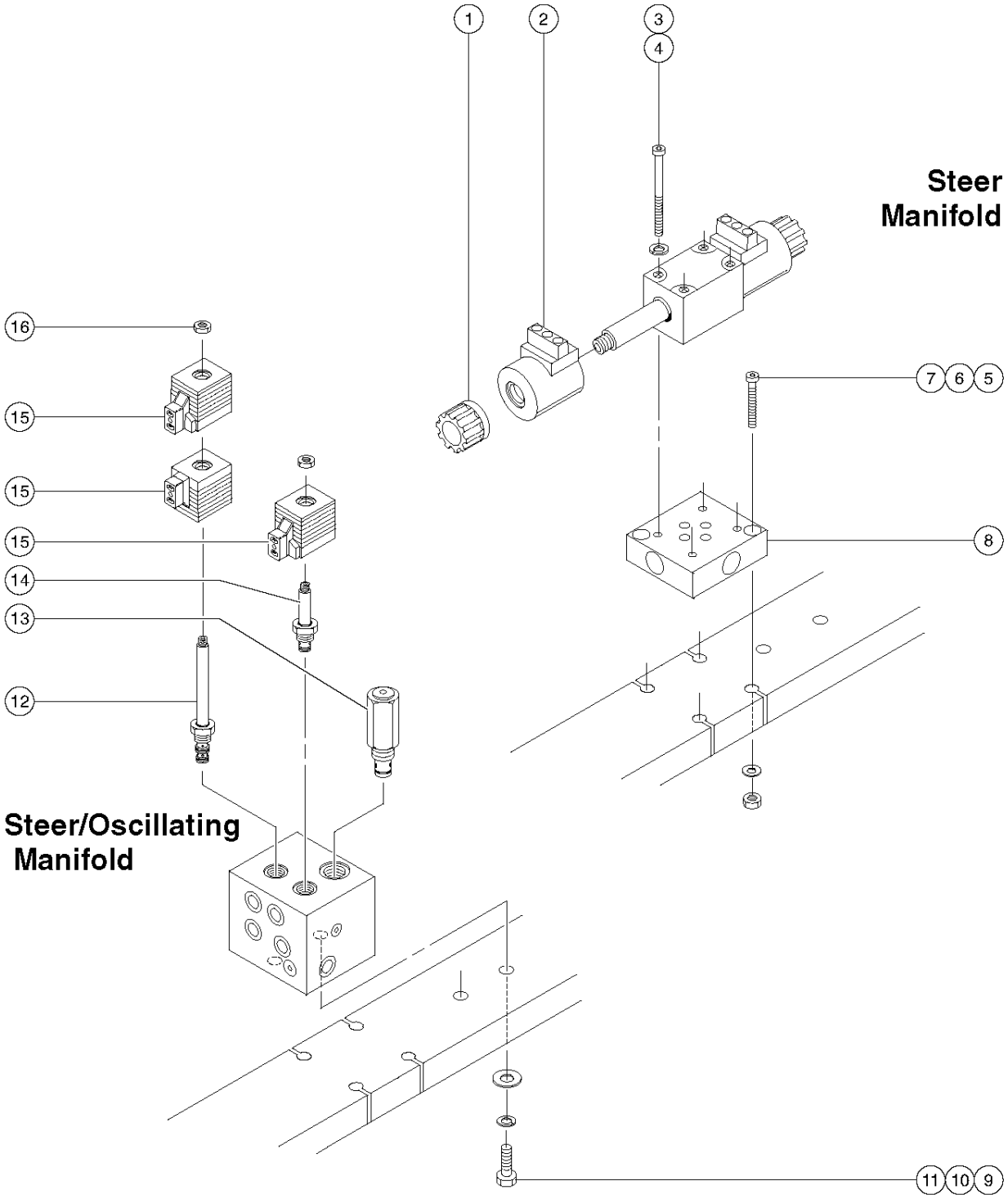
Item	Part No.	Description	Qty.
22	46966GT	YOKE ASSY 2/4WD,L.S.,Z60 includes 2 each index number 21	6
23	27698GT	BEARING,2.50IDX2.75ODX2.00L	6
24	25436GT	WASHER,THRUST,2.56 X 4.0 X.18	3
25		FRONT AXLE ASSY,S60,Z60 includes index numbers 21 and 23	1
26	46967GT	YOKE ASSY 2/4WD,R.S.,Z60 includes 2 each index number 21	1
27	44086GT	PIN,2.50DIAX15.75LG,1HOLE	2
28	29746GT	WASHER,FLAT,2.5 X 4 X .062	4
29	16439GT	SCREW,FHS,3/8-16 X 1	8
30	25416GT	WEAR PAD,OSCILLATING AXLE, S60	2
31	31547GT	SHIM,OSCILLATING AXLE	2
32	25404P-SGT	OSCILLATING AXLE WEDGE BLOCK	2
33	6175GT	SCREW,HHC,3/8-16 X 1	2
34	5397GT	WASHER, FLAT, USS, 5/16-18	2
35	29210GT	TIE ROD, WELD. S60 to SN 1970	1
35-	63194GT	TIE ROD WELD, SERVICE from SN 1971	1
36	27695GT	BEARING,FL,1.75IDX1.94ODX1.50L	4
37	25769GT	PIN,OSCILLATING,ROLLR,8 X 1.75	2
38	27656P-SGT	RETAINER,AXLE ROLLER PIN,PAINT	2
39		Ref. Manifold - Steer/Oscillating (refer to Figure 204.1)	2

203.1 2WD Steer Axle - Wheels and Hubs



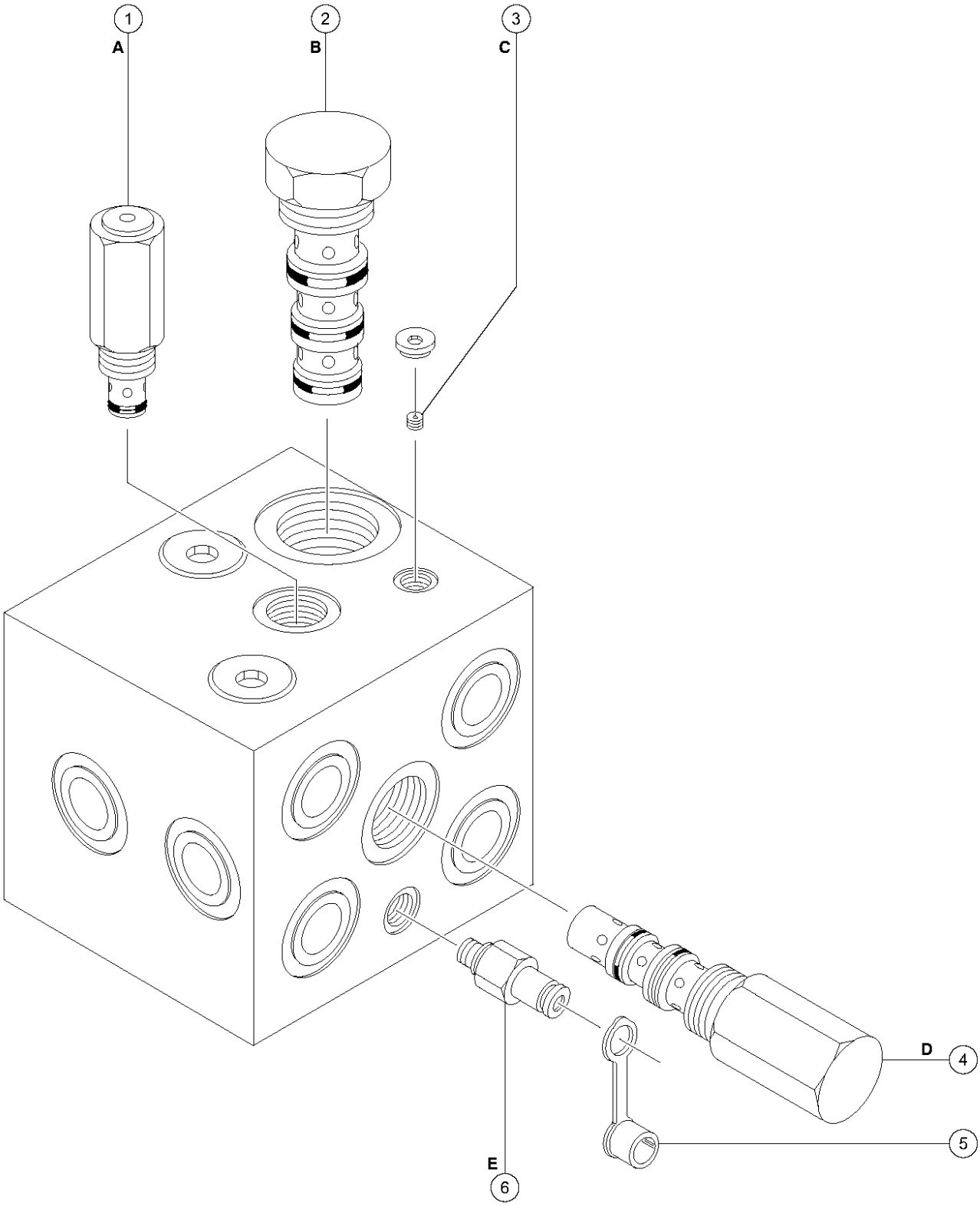
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	4
2	6356GT	WASHER, LOCK, .25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	31088GT	COVER ASSY,DRIVE CHASSIS,STEER	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
6	73259GT	WHEEL,19.5 X 11.75***	2
7	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2
7-	73257GT	TIRE & WHEEL ASSY: AIR left side	2
7-	73258GT	TIRE & WHEEL ASSY: AIR right side	2
7-	73260GT	TIRE & WHEEL ASSY,FOAM*** left side	2
7-	73261GT	TIRE & WHEEL ASSY,FOAM*** right side	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	53985GT	CAP, DUST	2
11	53989GT	NUT,CASTLE, 1-1/4 - 12 UNF	2
12	53990GT	PIN, COTTER, 732 DIA	2
13	53988GT	WASHER, PLATE	2
14	53987GT	OUTER BEARING	2
15		Contact service department	2
15-	53994GT	STUD, HUB, 5/8-18 X 2 1/2	2
15-	53993GT	KIT,BEARING, Z60	
16	53986GT	INNER BEARING	2
17	53991GT	SEAL, GREASE	2
18	29891-SGT	SPINDLE WELDMENT	2
19	45066GT	SCREW,SHC,5/8-11 X 2.25	16
20	13064GT	WASHER,FLAT,.625 HARDENED	16

204.1 2WD Steer Manifold and Steer/Oscillating Manifold



Item	Part No.	Description	Qty.
	146160GT	VALVE KIT,D03 includes index numbers 1 and 2	
	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 replaced 233763	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

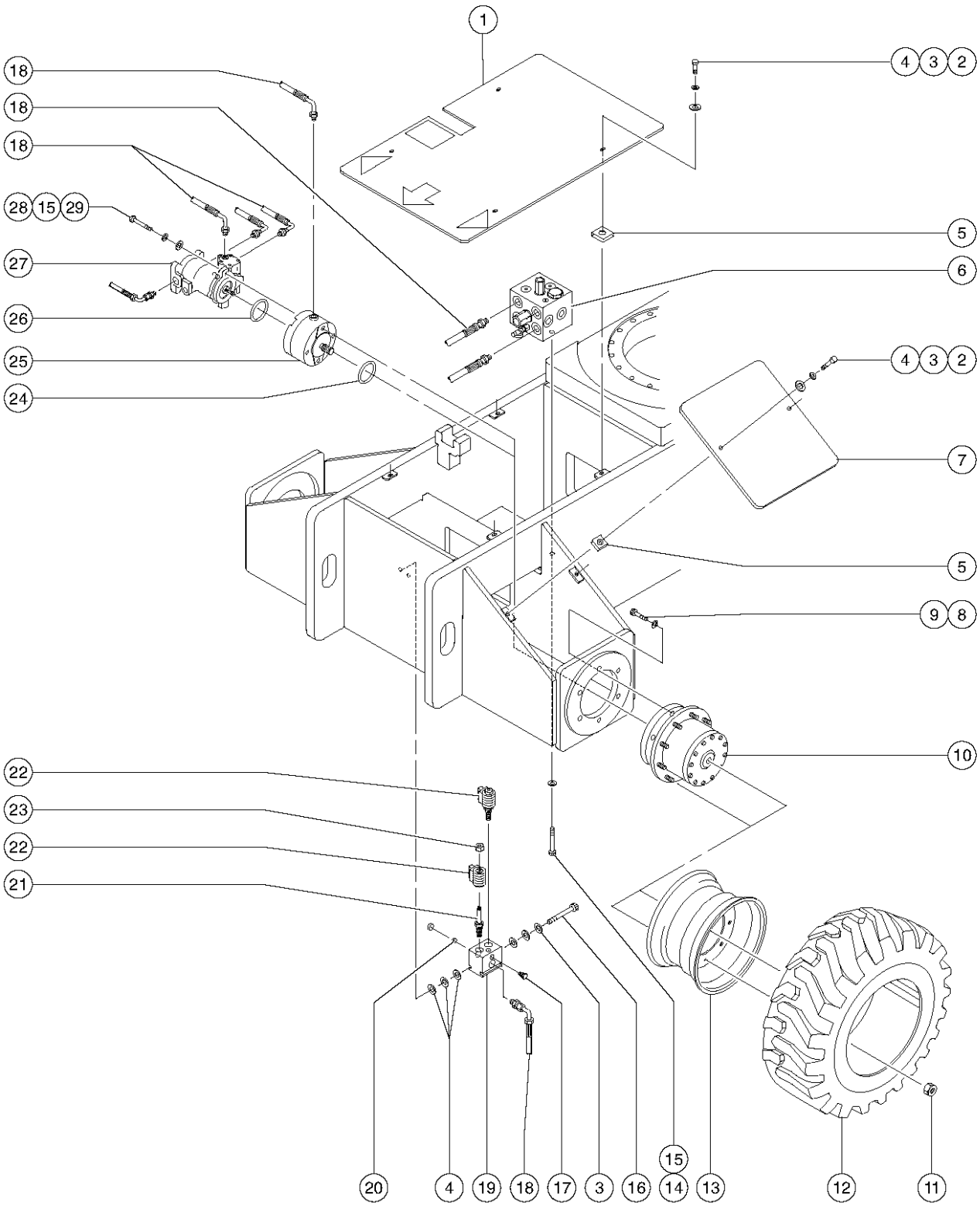
205.1 2WD Drive Manifold



205.1 2WD Drive Manifold

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
1-	110194GT	SEAL KIT, VALVE, #10	1
2	52726GT	VALVE,FLOW DIVIDER/COMBINER	1
2-	84135GT	SEAL KIT, VALVE	1
3	33520GT	PLUG,ORIFICE,0.070	1
3-	84134GT	SEAL KIT, VALVE	1
4	27761GT	VALVE,SHUTTLE	1
4-	84134GT	SEAL KIT, VALVE	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	

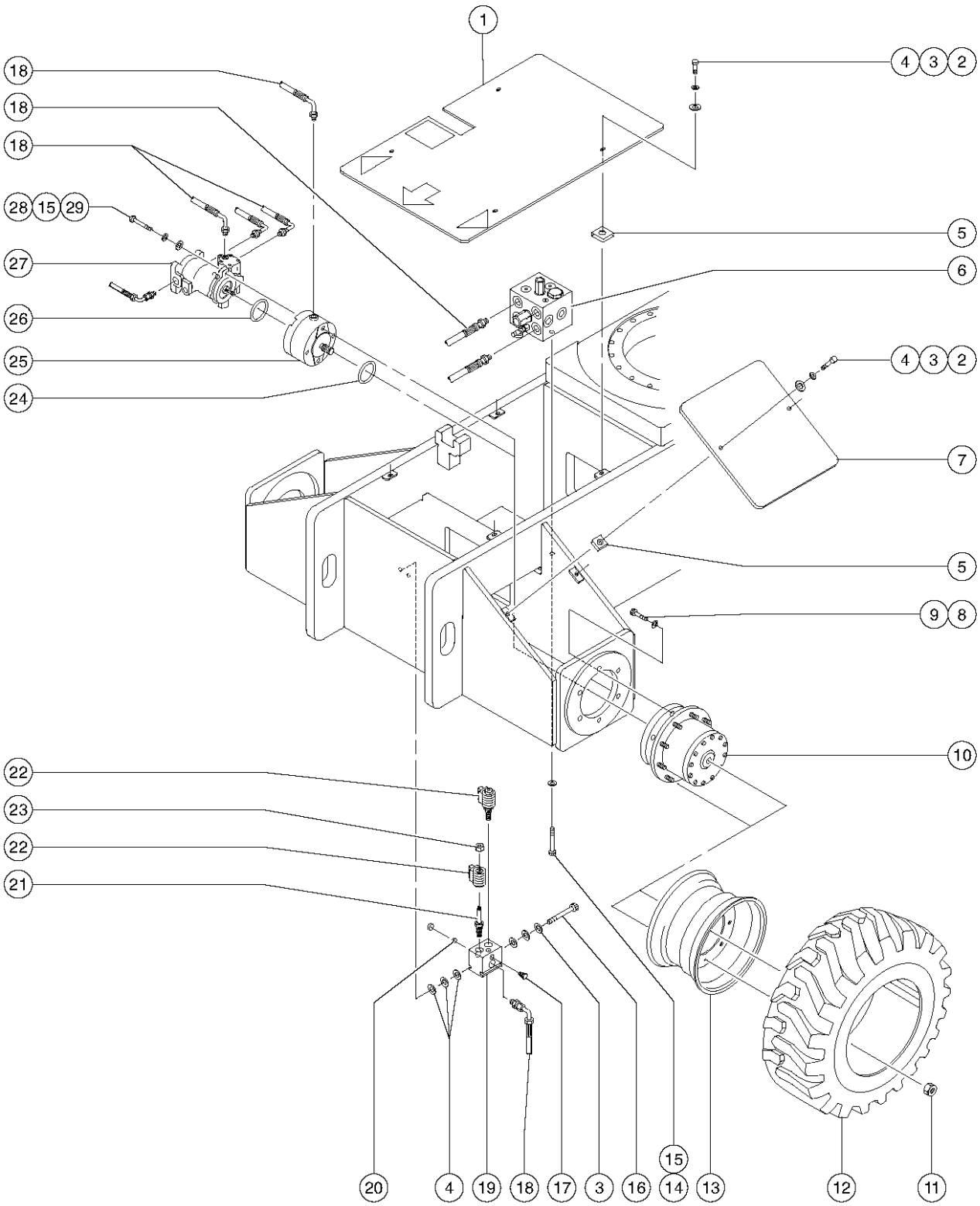
206.1 2WD Non-steer Axle



206.1 2WD Non-steer Axle

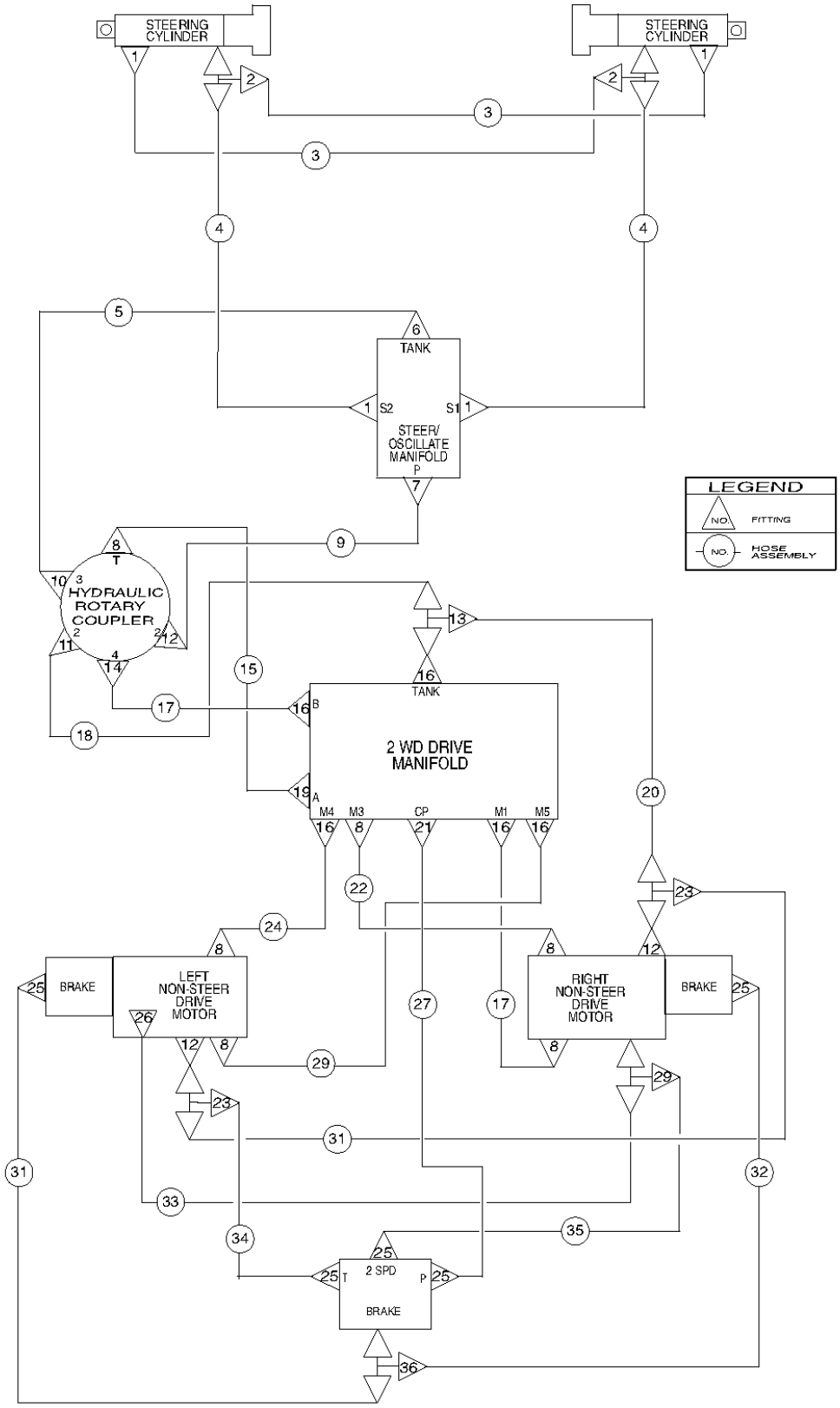
Item	Part No.	Description	Qty.
1	31089GT	COVER ASSY, CHASSIS,DRIVE	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	8
3	6356GT	WASHER, LOCK, .25	10
4	6638GT	WASHER, FLAT, USS, 1/4"Y	18
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	8
6	34448GT	TRACTION MANIFOLD,2WD***	8
7	30302P-SGT	COVER,DRIVE CHASSIS,AXLE,PAINT	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	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	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
13	73259GT	WHEEL,19.5 X 11.75***	2

206.1 2WD Non-steer Axle



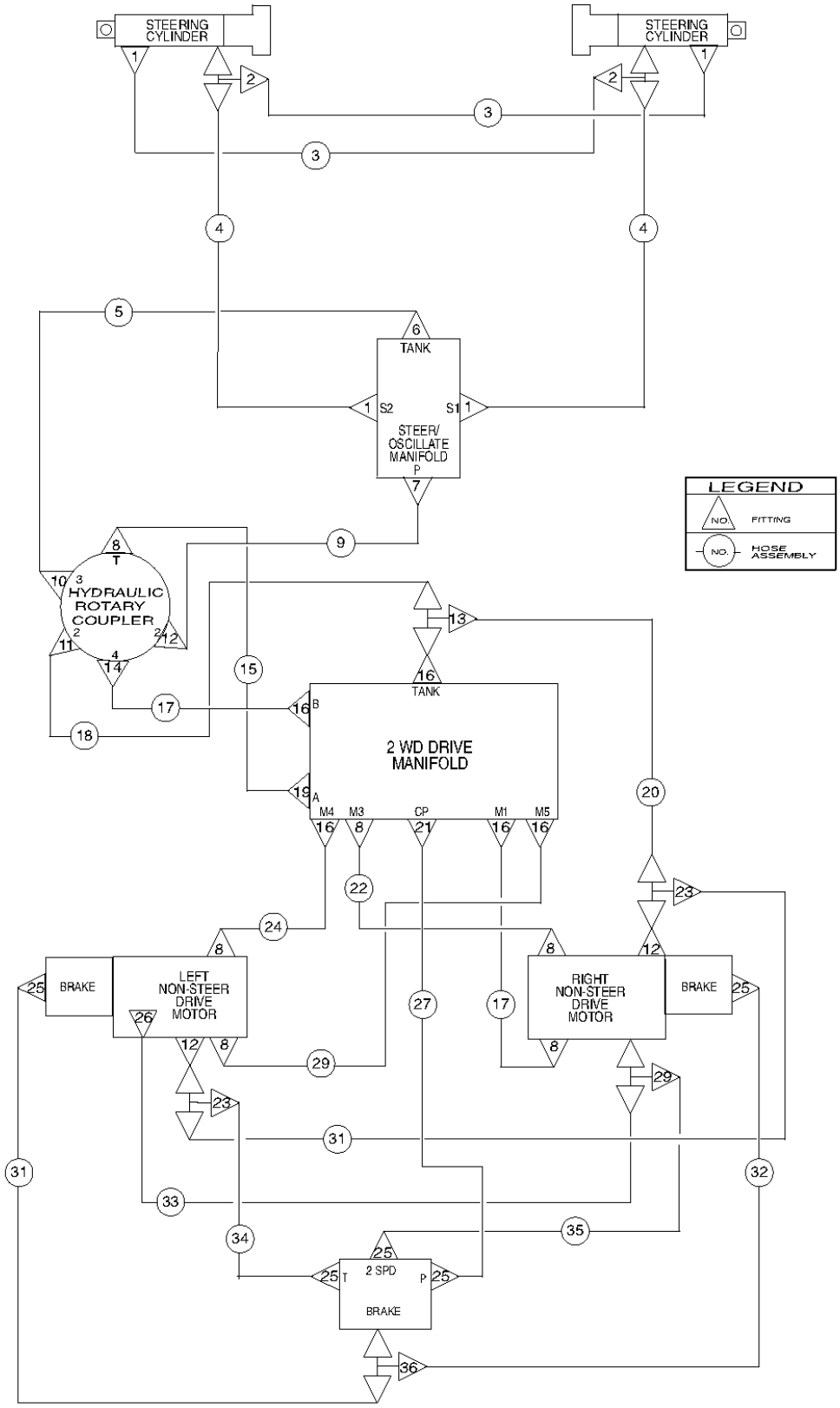
Item	Part No.	Description	Qty.
14	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	2
15	6033GT	WASHER,LOCK,0.5"	6
16	42571GT	SCREW,HHC,1/4-20 X 3.25	2
17	43599GT	VALVE,CHECK	1
17-	110200GT	SEAL KIT, VALVE, #4	
18		Ref. Hydraulic Hoses and Fittings (refer to Figure 207.1 or 208.1)	1
19	42157GT	MANIFOLD,BRAKE/MOTOR SHIFT includes index numbers 17 and 20-23	1
20	32669GT	ORIFICE PLUG,.025 (30551)	1
21	65766GT	VALVE,SOLENOID,10V W/DIODE*** includes index numbers 22 and 23	2
21-	72043GT	SEAL KIT,SOLENOID VALVE	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 to SN 3020	2
27-	29739GT	SEAL KIT,SAUER-DANFOSS M46*** to SN 3020	2
27-	53887GT	DRIVE MOTOR REAR,2WD/11 DEGREE from SN 3021	2
27-	65865GT	SEAL KIT, SUNSTRAND from SN 3021	2
28	22786GT	SCREW,HHC,1/2-13 X 5.5	4
29	13066GT	WASHER,FLAT,.5 HARDENED	4

207.1 2WD Hydraulic Hoses and Fittings - Non Oscillating Axle



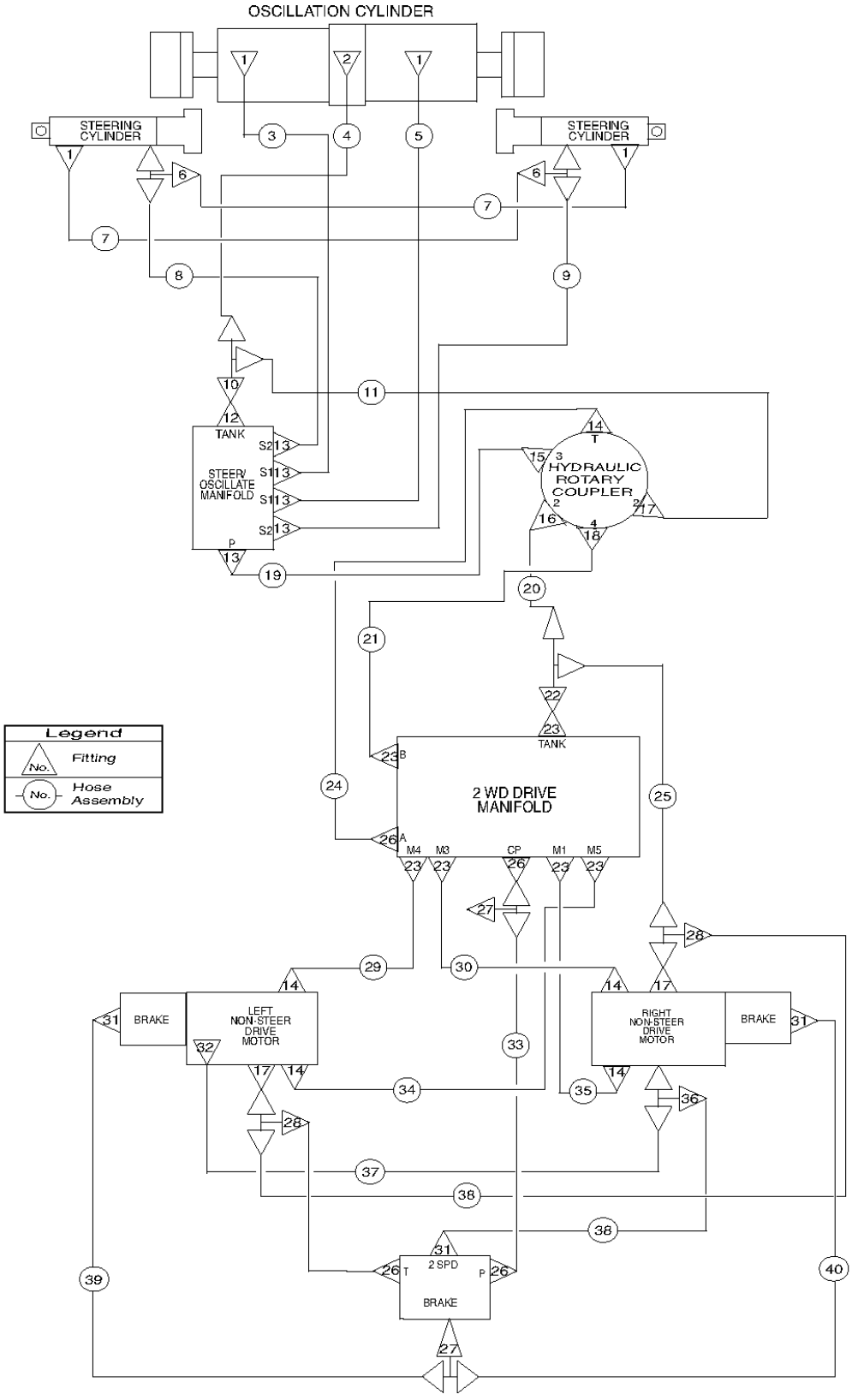
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48915GT	ELBOW,90D,520220-6	4
2	48919GT	TEE,BRANCH,520429-6	2
3	49128-2709GT	HOSE ASSEMBLY,3/8	2
4	49130-2957GT	HOSE ASSEMBLY,3/8	2
5	49135-4664GT	HOSE ASSEMBLY,3/8	1
6	48942GT	ELBOW, 90, 24 C5OLO-S	1
7	48916GT	CONN, 520120-6	5
8	48977GT	CONN,520120-12-16 to SN 3020	4
8-	48960GT	FITTING,CONN,520120-12*** from SN 3021	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*** to SN 3020	14
16-	48977GT	CONN,520120-12-16 from SN 3021	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 to SN 3020	1

207.1 2WD Hydraulic Hoses and Fittings - Non Oscillating Axle



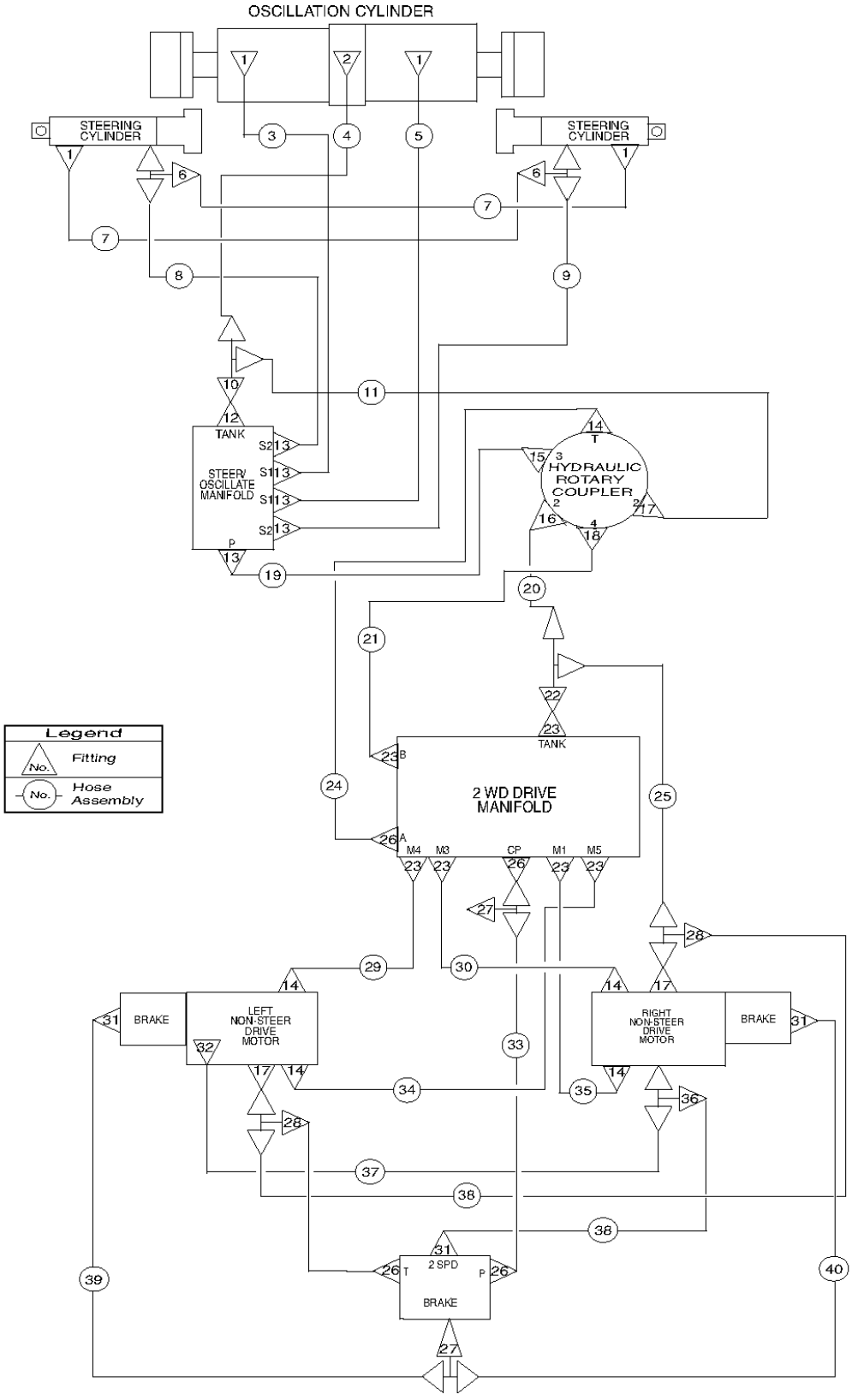
Item	Part No.	Description	Qty.
24-	49157-2410-SGT	HOSE ASSY,3/4" from SN 3021	1
25	48904GT	ELBOW, 90D, 520220-4	3
26	48911GT	ELBOW,90D,520220-4-6***	1
27	49118-2358-SGT	HOSE ASSEMBLY,1/4	1
28	49156-3331-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
29	49156-4006-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
30	48918GT	TEE,RUN,520428-6	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

208.1 2WD Hydraulic Hoses and Fitting - Oscillating Models



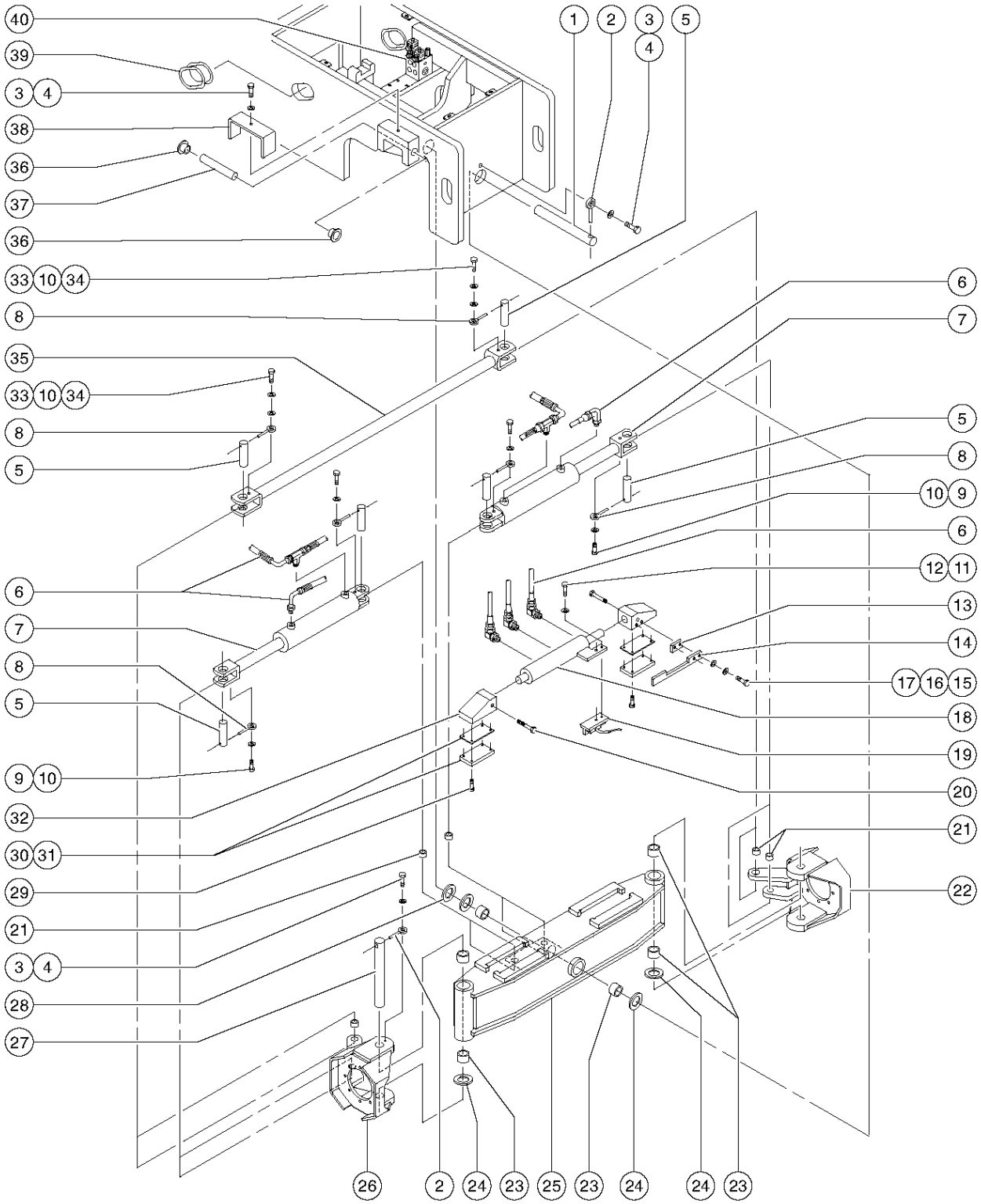
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48915GT	ELBOW,90D,520220-6	4
2	48942GT	ELBOW, 90, 24 C5OLO-S	1
3	49126-2158-SGT	HOSE ASSY,3/8,45 FEM,STR FEM	1
4	49105-3682-SGT	HOSE ASSEMBLY,3/8	1
5	49126-2383-SGT	HOSE ASSY,3/8,45 FEM,STR FEM	1
6	48919GT	TEE,BRANCH,520429-6	2
7	49165-2684-SGT	HOSE ASSEMBLY,3/8	2
8	49128-2934-SGT	HOSE ASSEMBLY,3/8	1
9	49128-3109-SGT	HOSE ASSEMBLY,3/8	1
10	48939GT	TEE,BRANCH,520433-8	1
11	49135-4664GT	HOSE ASSEMBLY,3/8	1
12	48943GT	FITTING,CONN,520120-8-6	1
13	48916GT	CONN, 520120-6	5
14	48977GT	CONN,520120-12-16 to SN 3020	5
14-	48960GT	FITTING,CONN,520120-12*** from SN 3021	5
15	48929GT	FITTING,ELBOW,90D,520220-6-8	1
16	48959GT	FITTING,ELBOW,90D,520220-12	2
17	48947GT	ELBOW,90D,520220-8-12 to SN 3395	3
17-	48930GT	CONN,520120-6-8 from SN 3396	3
18	48963GT	FITTING,ELBOW,45D,520320-12***	1
19	49105-3682-SGT	HOSE ASSEMBLY,3/8	1
20	49151-2323-SGT	HOSE ASSY,3/4,STR FEM,STR FEM	1
21	49156-3056-SGT	HOSE ASSY,3/4,90 FEM,STR FEM to SN 3020	1
21-	49157-2885-SGT	HOSE ASSY,3/4" from SN 3021	1
22	48964GT	TEE,RUN,SWIVEL,520432-12	1
23	48960GT	FITTING,CONN,520120-12***	6

208.1 2WD Hydraulic Hoses and Fitting - Oscillating Models



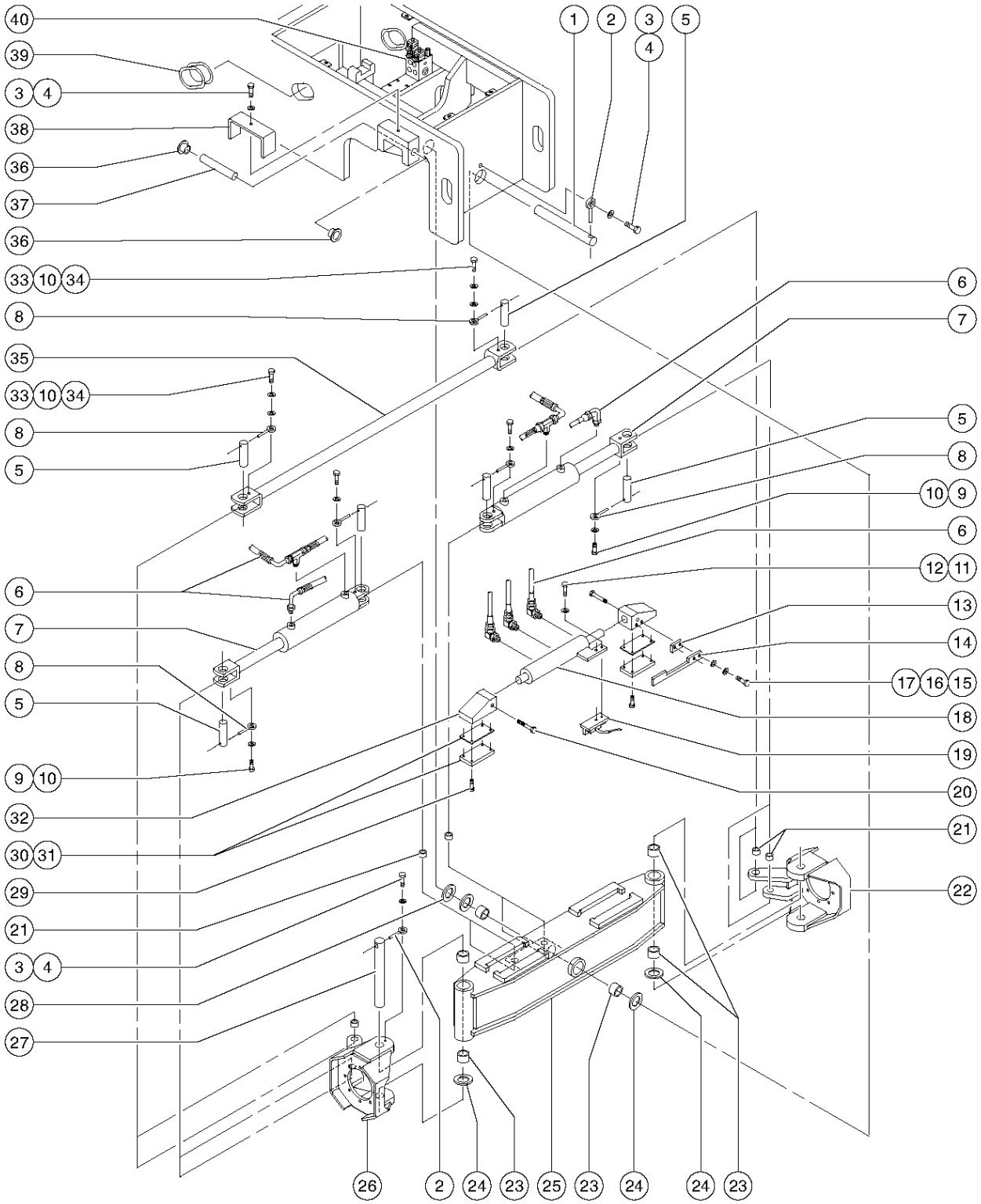
Item	Part No.	Description	Qty.
24	49156-4506-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
25	49142-4087-SGT	HOSE ASSEMBLY,1/2"	1
26	48905GT	CONNECTOR, 520120-4	3
27	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	1
28	48938GT	FITTING,TEE,RUN,SWIVEL520432-8	2
29	49156-2656-SGT	HOSE ASSY,3/4,90 FEM,STR FEM to SN 3020	1
29-	49157-2410-SGT	HOSE ASSY,3/4" from SN 3021	1
30	49156-2975-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
31	48904GT	ELBOW, 90D, 520220-4	3
32	48911GT	ELBOW,90D,520220-4-6***	1
33	49118-2358-SGT	HOSE ASSEMBLY,1/4	1
34	49156-4006-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
35	48918GT	TEE,RUN,520428-6	1
36	49120-3581-SGT	HOSE ASSY(2SPD TO L.R.DRV MOTR	1
37	49143-4029-SGT	HOSE ASSY,1/2,90 FEM,STR FEM	1
38	49164-1943-SGT	HOSE ASSEMBLY,1/4	1
39	49119-3028-SGT	HOSE ASSY,1/4,STR FEM,STR FEM	1
40	49119-2978-SGT	HOSE ASSY 1/4,STR FEM,STR FEM	1

301.1 4WD Steer Axle Linkage



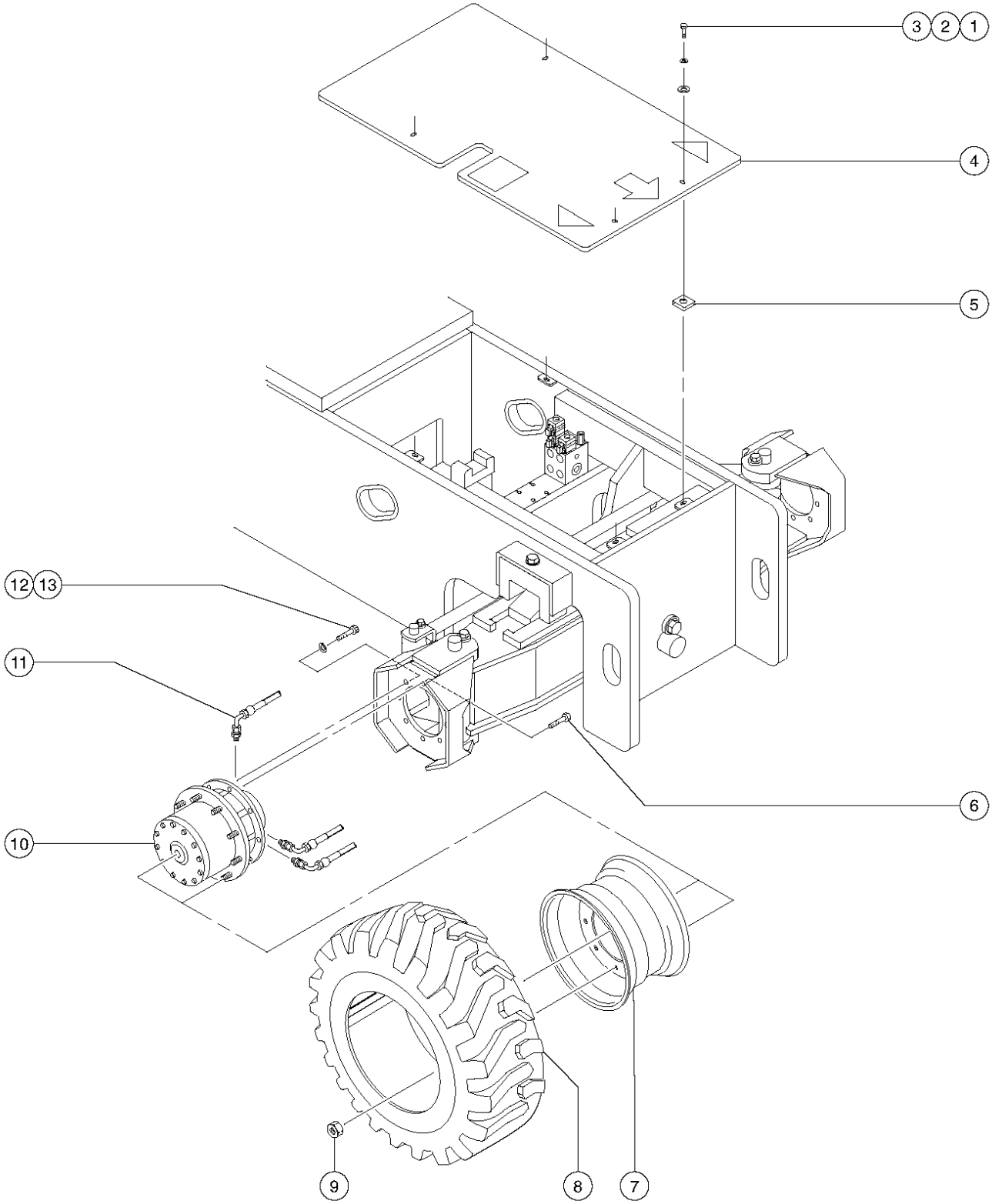
Item	Part No.	Description	Qty.
1	36370GT	PIN,2.50DIAX15.00LG,1HOLE	1
2	1256267GT	ROD END,.5 X 3.75,ZAG	3
3	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	5
4	6033GT	WASHER,LOCK,0.5"	5
5	25419GT	PIN,STEER to SN 1642	6
5-	30734GT	PIN,1.00DIAX2.88LG,1HOLE from SN 1643	6
6		Ref. Hydraulic Hoses and Fittings (refer to Figure 306.1)	6
7	59188GT	CYLINDER,STEERING,Z60***	2
7-	59050GT	SEAL KIT,2.5" BORE,1.5" ROD***	
7-	59069GT	PISTON COMPLETE W/ SEALS	
7-	59328GT	PISTON SEAL ONLY	
8	1255452GT	ROD END,.375 X 2.25,ZAG	6
9	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	4
10	6021GT	WASHER, LOCK, .375	6
11	45645GT	SCREW,RHM,8-32 X .75	2
12	6607GT	WASHER,LOCK,#10 PLTD	2
13	29855P-SGT	BRACKET,PUSH ROD SWITCH,PAINTD	1
14	31266GT	ACTUATOR ASSY,PROX.SWITCH	1
14-	29261GT	MAGNET,NEODYMIUM,.375 X .100	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	63216GT	CYLINDER, OSCILLATING AXLE	1
18-	63356GT	SEAL KIT CYL.S/Z60(63216)	1
19	65441-SGT	PROX SWITCH ASSY-Z60	1
20	8357GT	SCREW, HHC, 1/2-13 X 3.5	2
21	27694GT	BEARING,1.25 ID X 1.41 OD X 1" to SN 1970	6
21-	53451GT	BEARING,1.00"ID X 1.40"OD X 1" from SN 1971	6

301.1 4WD Steer Axle Linkage



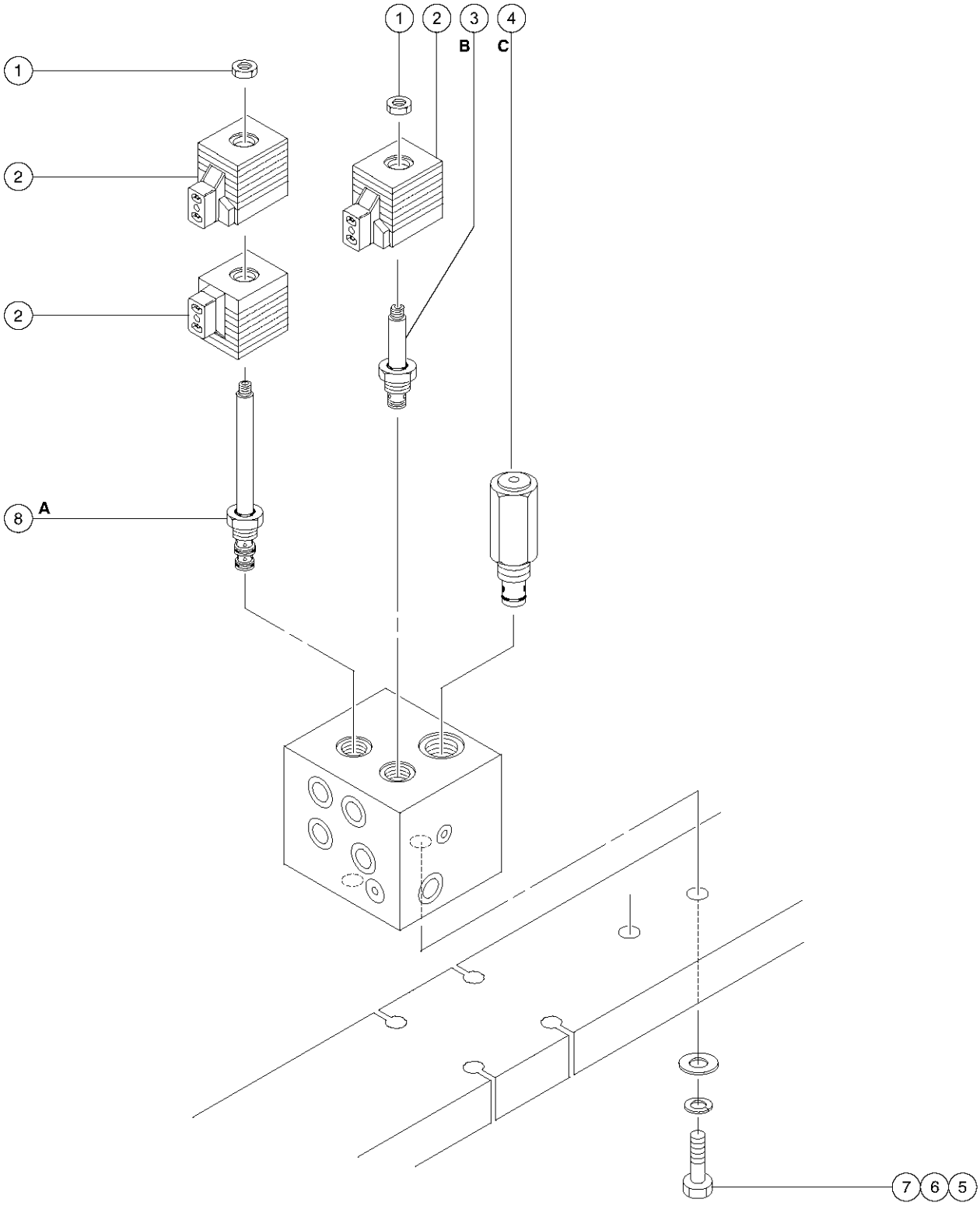
Item	Part No.	Description	Qty.
22	46966GT	YOKE ASSY 2/4WD,L.S.,Z60 includes 2 each index number 21	1
23	27698GT	BEARING,2.50IDX2.75ODX2.00L	6
24	25436GT	WASHER,THRUST,2.56 X 4.0 X.18	3
25		FRONT AXLE ASSY,S60,Z60 includes 2 each of index number 23	1
26	46967GT	YOKE ASSY 2/4WD,R.S.,Z60 includes 2 each index number 21	1
27	44086GT	PIN,2.50DIAX15.75LG,1HOLE	2
28	29746GT	WASHER,FLAT,2.5 X 4 X .062	4
29	16439GT	SCREW,FHS,3/8-16 X 1	8
30	25416GT	WEAR PAD,OSCILLATING AXLE, S60	2
31	31547GT	SHIM,OSCILLATING AXLE	2
32	25404P-SGT	OSCILLATING AXLE WEDGE BLOCK	2
33	6175GT	SCREW,HHC,3/8-16 X 1	2
34	5397GT	WASHER, FLAT, USS, 5/16-18	2
35	58101GT	TIE ROD ENHANCEMENT KIT to SN 1970	1
35-	63194GT	TIE ROD WELD, SERVICE from SN 1971	1
36	27695GT	BEARING,FL,1.75IDX1.94ODX1.50L	4
37	25769GT	PIN,OSCILLATING,ROLLR,8 X 1.75	2
38	27656P-SGT	RETAINER,AXLE ROLLER PIN,PAINT	2
39	53387GT	GUARD, HOSE PROTECTOR	2
40	32636GT	MANIFOLD,STEER/OSCILLATION***	2

302.1 4WD Steer Axle Linkage - Wheels and Hubs



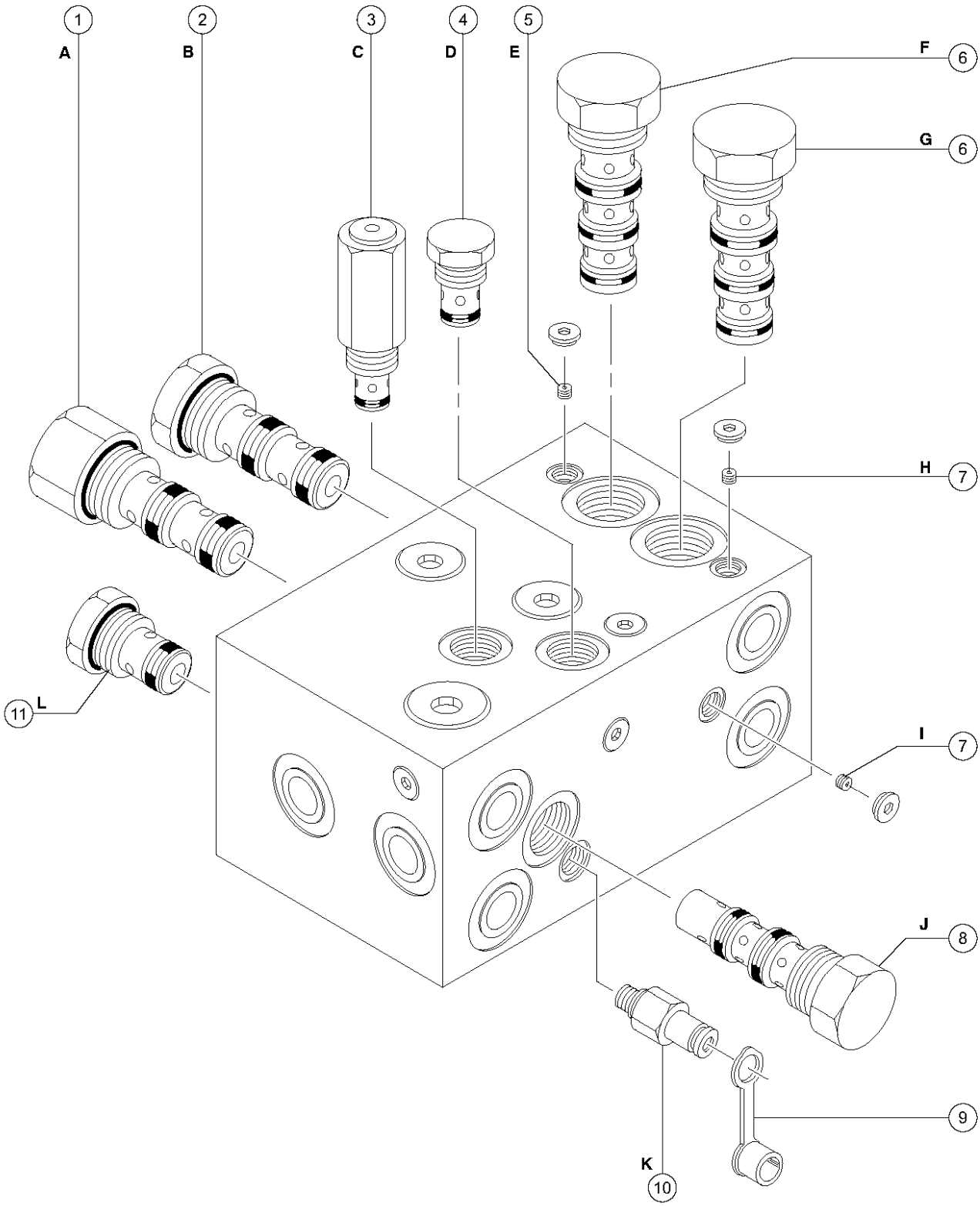
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	4
2	6356GT	WASHER, LOCK, .25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	31088GT	COVER ASSY,DRIVE CHASSIS,STEER	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
6	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	2
7	73259GT	WHEEL,19.5 X 11.75***	2
8	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2
8-	73257GT	TIRE & WHEEL ASSY: AIR left side	2
8-	73258GT	TIRE & WHEEL ASSY: AIR right side	2
8-	73260GT	TIRE & WHEEL ASSY,FOAM*** left side	2
8-	73261GT	TIRE & WHEEL ASSY,FOAM*** right side; from SN 2868	2
9	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
10	28833GT	MTR/TORQUE HUB,FRT,WM2-33.8:1*	2
10-	226101GT	SEAL KIT (28833)	2
10-	65876GT	SEAL KIT, MOTOR(28833)	2
10-	72300GT	GASKET,MTR/TORUE HUB(28833)	
10-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	2
10-	65450GT	BEARING & RACE KIT-28833/Z60	2
10-	65451GT	COVER-END,TORQUE HUB (28833)	2
10-	65447GT	O-RING - TORQUE HUB END COVER	2
10-	65448GT	WASHER,THRUST-TORQUE HUB-29231	2
11		Ref. Hydraulic Hoses and Fittings (refer to Figure 306.1)	2
12	19418GT	SCREW,SHC,5/8-11 X 1.75	12
13	13064GT	WASHER,FLAT,.625 HARDENED	12

303.1 4WD Steer/Oscillating 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	

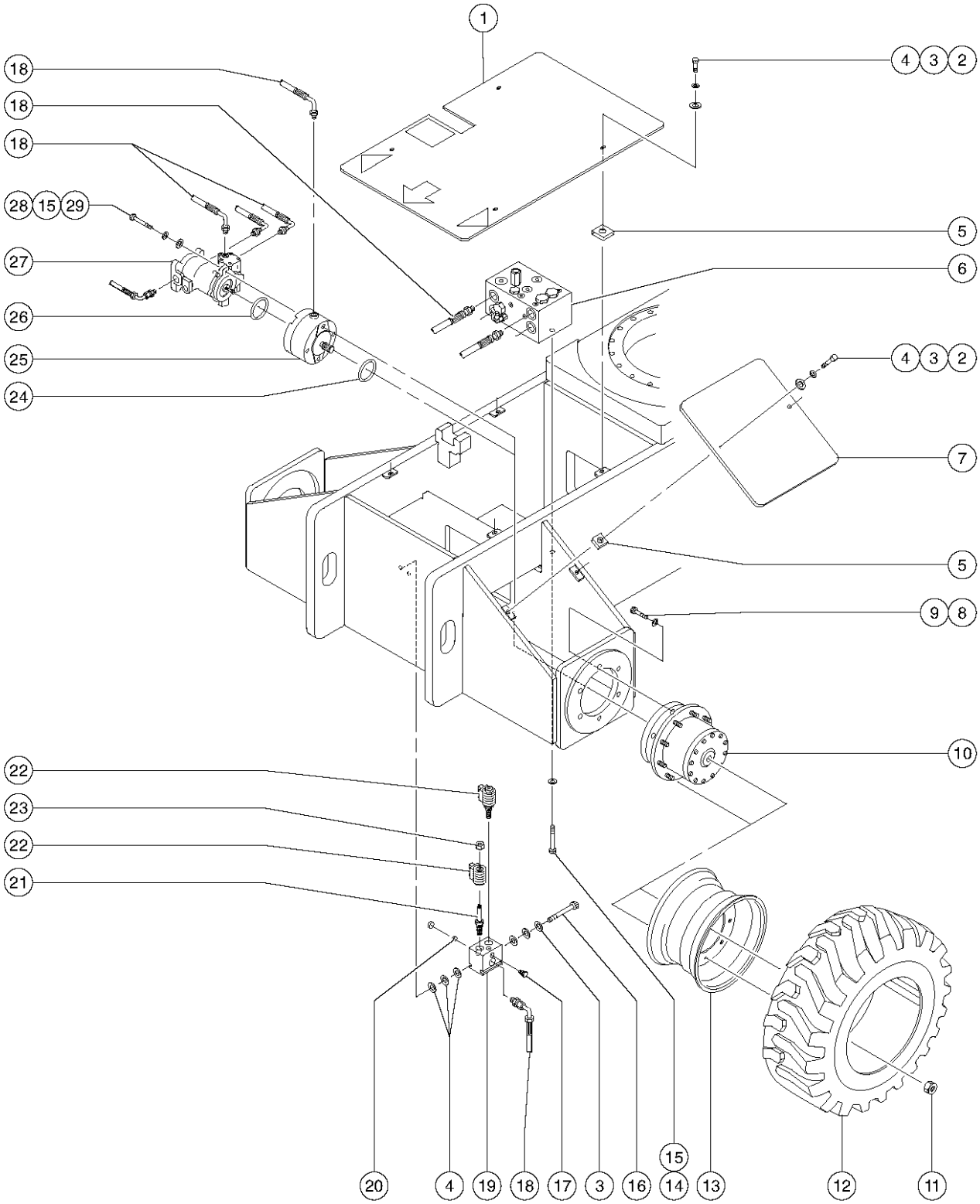
304.1 4WD Drive Manifold



304.1 4WD Drive Manifold

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 Control Divider Bypass	
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	

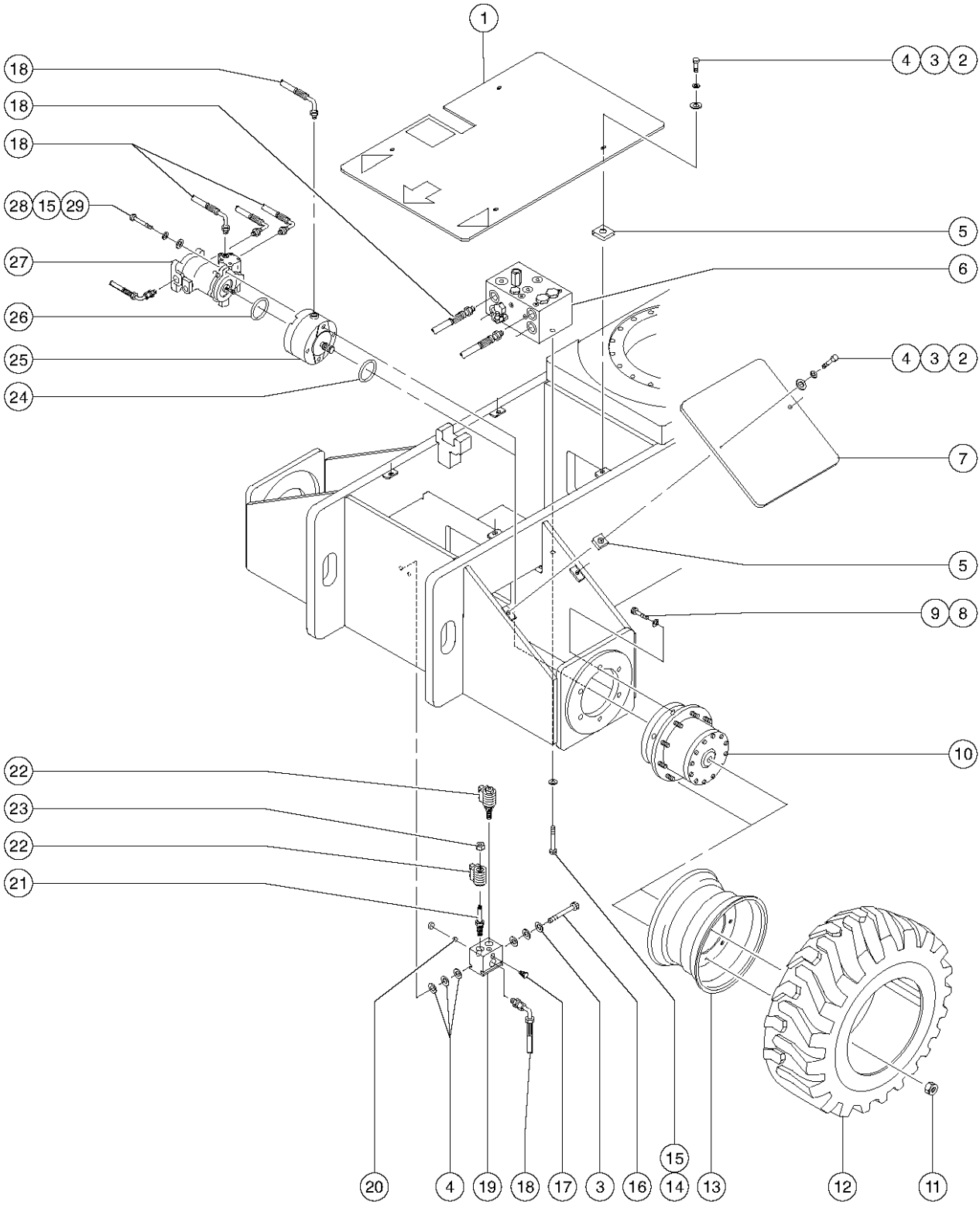
305.1 4WD Non-steer Axle



305.1 4WD Non-steer Axle

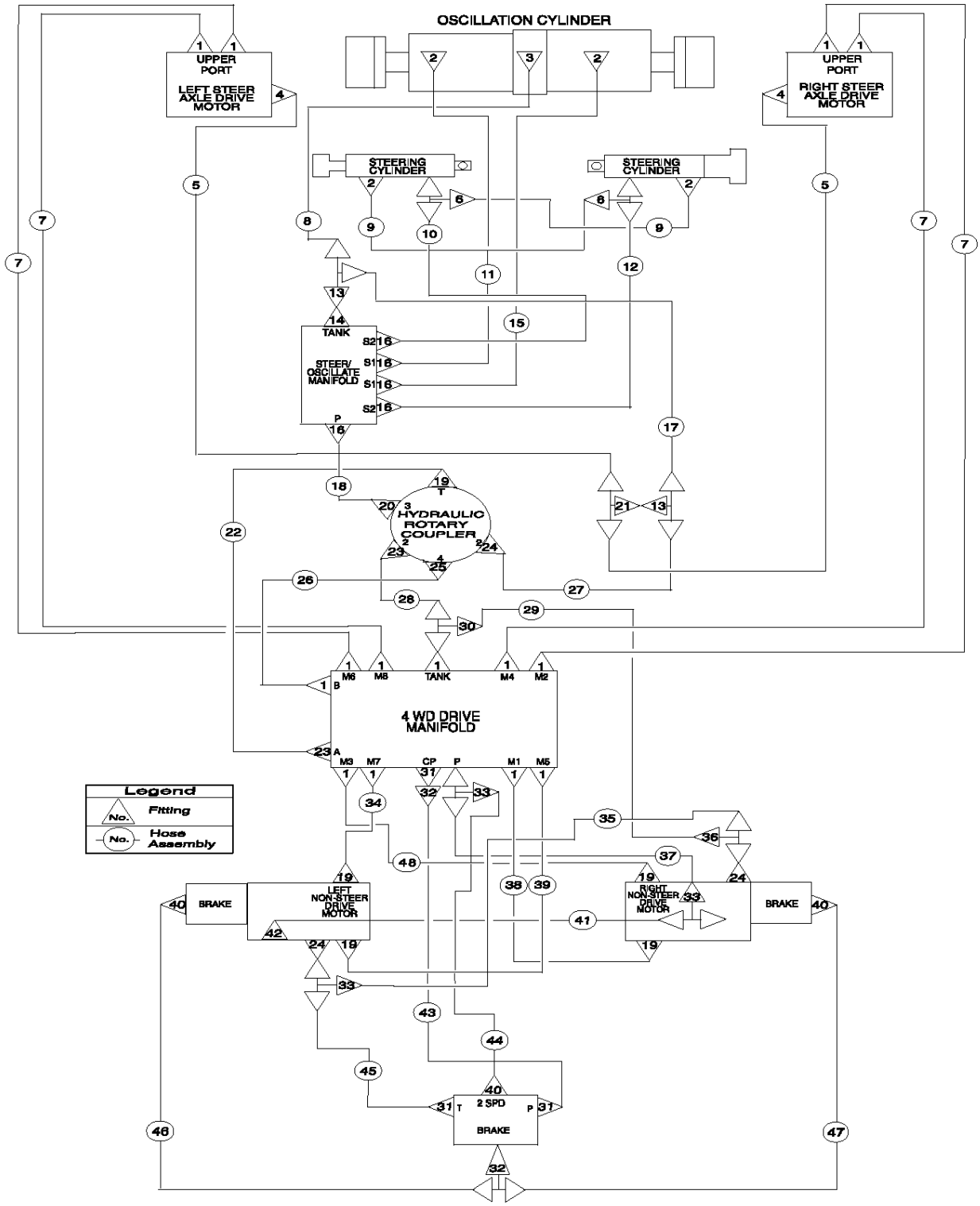
Item	Part No.	Description	Qty.
1	31089GT	COVER ASSY, CHASSIS,DRIVE	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	8
3	6356GT	WASHER, LOCK, .25	10
4	6638GT	WASHER, FLAT, USS, 1/4"Y	18
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	8
6		Ref. Manifold - Drive, 4WD (refer to Figure 304.1)	8
7	30302P-SGT	COVER,DRIVE 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		Ref Tire - Rough Terrain (refer to Figure 302.1)	18
13	73259GT	WHEEL,19.5 X 11.75***	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

305.1 4WD Non-steer Axle



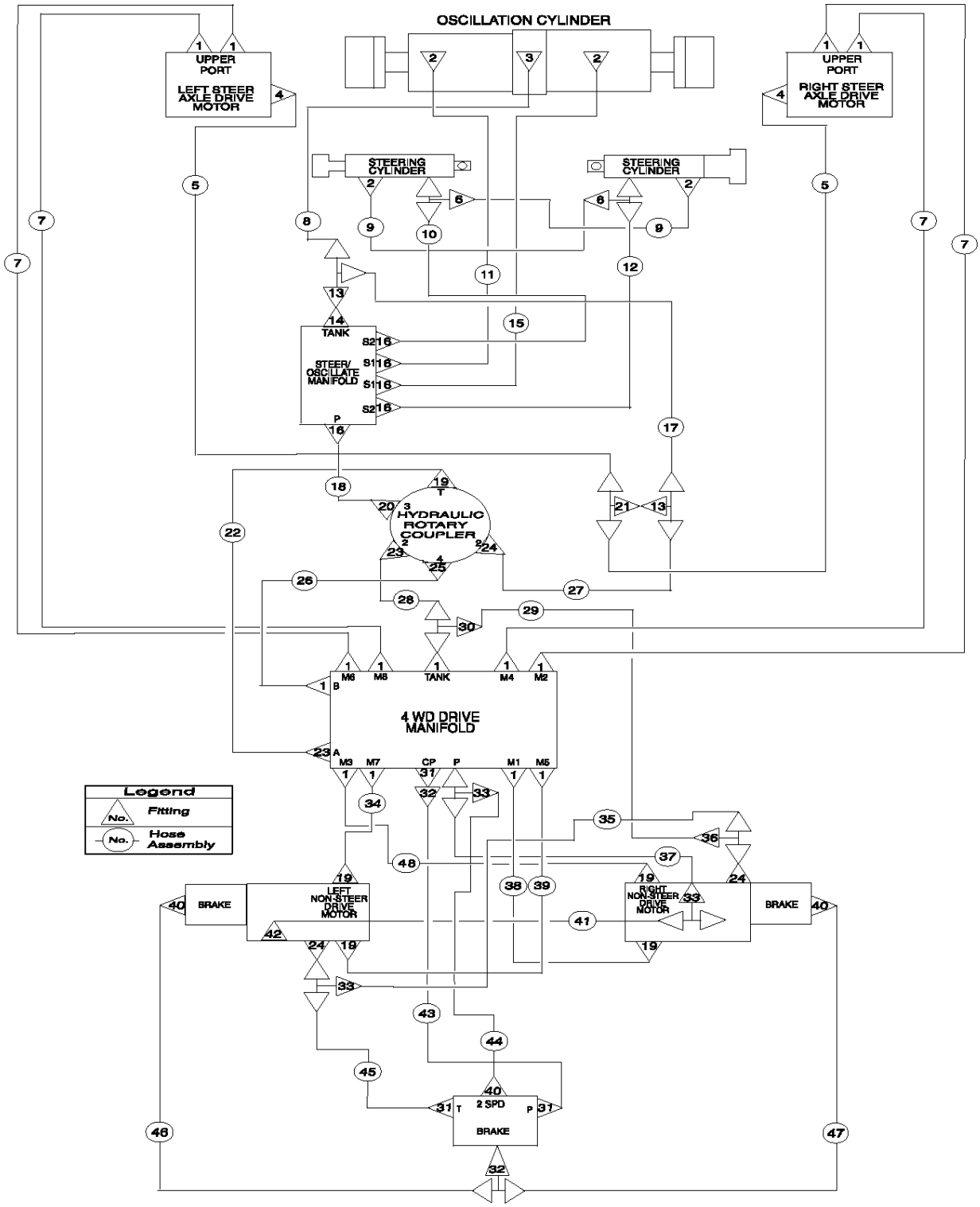
Item	Part No.	Description	Qty.
17-	110200GT	SEAL KIT, VALVE, #4	
18		Ref. Hydraulic Hoses and Fittings (refer to Figure 306.1)	1
19	42157GT	MANIFOLD,BRAKE/MOTOR SHIFT includes index numbers 17 and 20-23	1
20	32669GT	ORIFICE PLUG,.025 (30551)	1
21	65766GT	VALVE,SOLENOID,10V W/DIODE*** includes index numbers 22 and 23	2
21-	72043GT	SEAL KIT,SOLENOID VALVE	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
25-	77240GT	SEAL KIT, AUSCO BRAKE***	2
25-	77239GT	LINING KIT,AUSCO BRAKE***	2
25-	65608GT	BEARING KIT, AUSCO***	2
26-	22811GT	O-RING,MOTOR TO BRAKE***	2
27	24667GT	DRVE MOTOR REAR,4WD/1DEGREE	2
27-	65865GT	SEAL KIT, SUNSTRAND	
27-	83081GT	COVER, SERVO (24667)	
27-	49897GT	GASKET,TURTLE,DRV MTR,EDC	
28	22786GT	SCREW,HHC,1/2-13 X 5.5	4
29	13066GT	WASHER,FLAT,.5 HARDENED	4

306.1 4WD Hydraulic Hoses and Fittings - Oscillating Axle



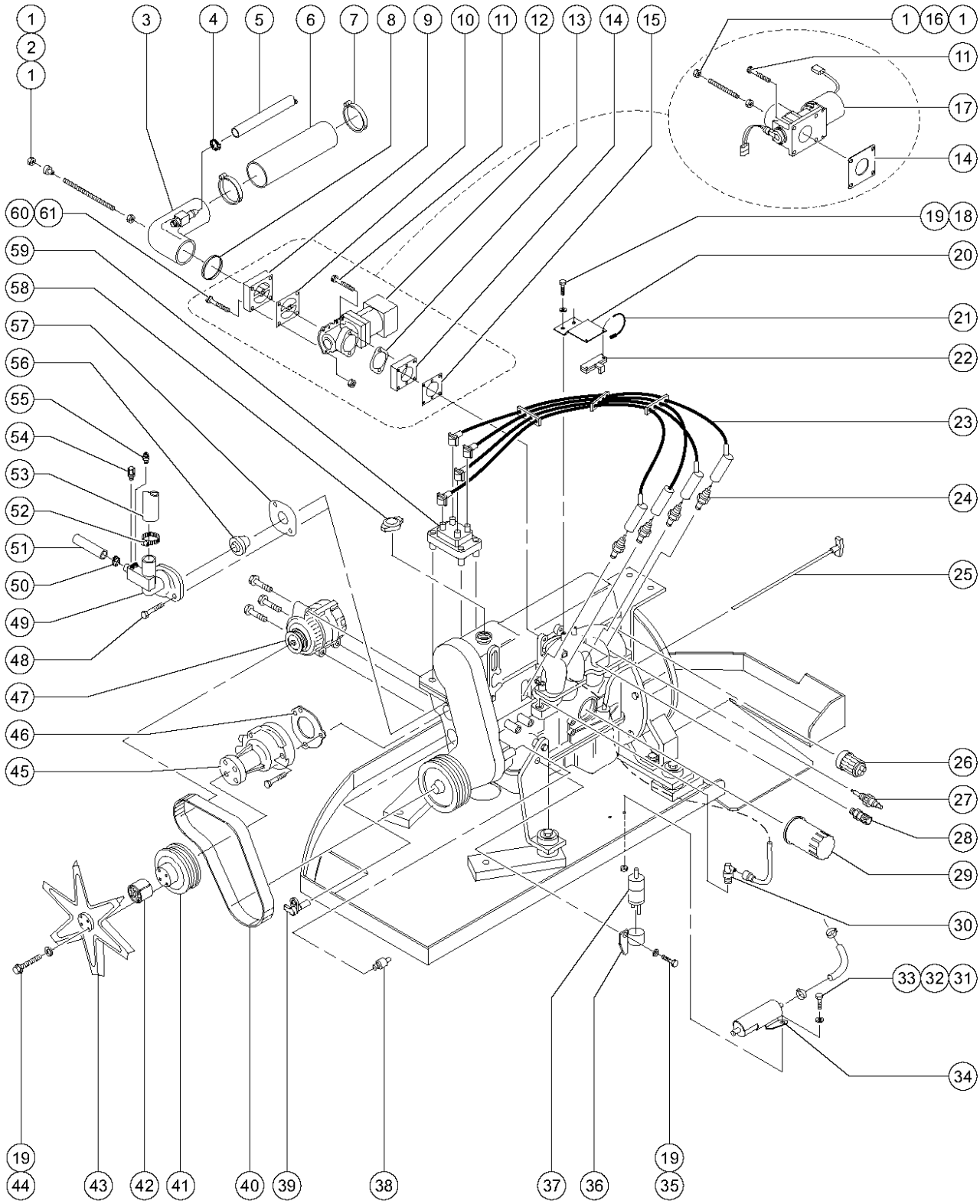
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48960GT	FITTING,CONN,520120-12***	14
2	48915GT	ELBOW,90D,520220-6	4
3	48942GT	ELBOW, 90, 24 C5OLO-S	1
4	48946GT	CONN,520120-8-10	2
5	49167-6679-SGT	HOSE ASSEMBLY,1/2	2
6	48919GT	TEE,BRANCH,520429-6	2
7	49156-10356-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	4
8	49141-2088-SGT	HOSE ASSY,1/2,45 FEM,STR FEM	1
9	49165-2684-SGT	HOSE ASSEMBLY,3/8	2
10	49128-2934-SGT	HOSE ASSEMBLY,3/8	1
11	49126-2158-SGT	HOSE ASSY,3/8,45 FEM,STR FEM	1
12	49128-3109-SGT	HOSE ASSEMBLY,3/8	1
13	48939GT	TEE,BRANCH,520433-8	1
14	48943GT	FITTING,CONN,520120-8-6	1
15	49126-2383-SGT	HOSE ASSY,3/8,45 FEM,STR FEM	1
16	48916GT	CONN, 520120-6	5
17	49166-2741-SGT	HOSE ASSEMBLY,1/2	1
18	49105-3682-SGT	HOSE ASSEMBLY,3/8	1
19	48977GT	CONN,520120-12-16	6
20	48929GT	FITTING,ELBOW,90D,520220-6-8	1
21	48940GT	TEE,BULKHEAD,RUN,520958-8	1
22	49156-4506-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
23	48959GT	FITTING,ELBOW,90D,520220-12	2
24	48947GT	ELBOW,90D,520220-8-12	3
25	48963GT	FITTING,ELBOW,45D,520320-12***	1
26	49156-3056-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1

306.1 4WD Hydraulic Hoses and Fittings - Oscillating Axle



Item	Part No.	Description	Qty.
27	49167-3029-SGT	HOSE ASSEMBLY,1/2	1
28	49151-2323-SGT	HOSE ASSY,3/4,STR FEM,STR FEM	1
29	49142-4087-SGT	HOSE ASSEMBLY,1/2"	1
30	48964GT	TEE,RUN,SWIVEL,520432-12	1
31	48905GT	CONNECTOR, 520120-4	3
32	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	1
33	48918GT	TEE,RUN,520428-6	1
34	49156-4006-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
35	49143-4029-SGT	HOSE ASSY,1/2,90 FEM,STR FEM	1
36	51580GT	FITTING,REDUCER,520123-12-8***	2
37	49122-3786-SGT	HOSE ASSEMBLY,1/4	1
38	49156-3331-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
39	49156-4006GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
40	48904GT	ELBOW, 90D, 520220-4	3
41	49120-3581-SGT	HOSE ASSY(2SPD TO L.R.DRV MOTR	1
42	48911GT	ELBOW,90D,520220-4-6***	1
43	49118-2358-SGT	HOSE ASSEMBLY,1/4	1
44	49117-2341-SGT	HOSE ASSY,1/4,90 FEM,STR FEM	1
45	49118-2858-SGT	HOSE ASSEMBLY,1/4	1
46	49119-3028-SGT	HOSE ASSY,1/4,STR FEM,STR FEM	1
47	49119-2978-SGT	HOSE ASSY 1/4,STR FEM,STR FEM	1
48	49156-2975-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1

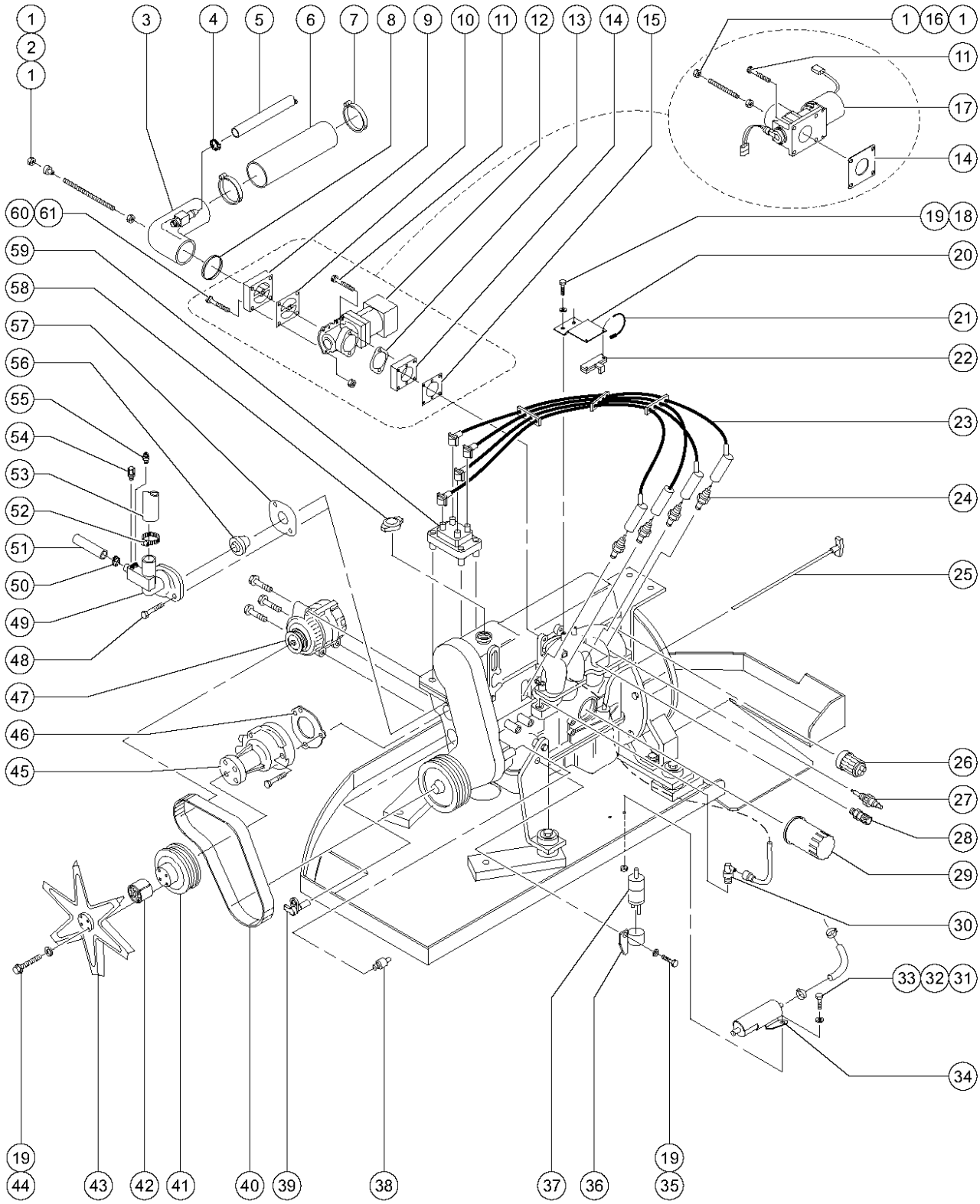
401.1 Ford LRG-425 EFI Engine - View 1



401.1 Ford LRG-425 EFI Engine - View 1

Item	Part No.	Description	Qty.
-	49735GT	ENGINE,FORD LRG 425,EFIZ45 (remanufactured long block only, does not include starter, alternator, radiator or fuel system)	
1	6889GT	NUT,LP NYLOCK,1/4-20	2
2	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
3	24552GT	VENTURI,BEAM (FORD) ***	1
4	46131GT	CLAMP,HOSE,.63" - 1.0" X .5"	2
5	53832GT	HOSE,FIRE RES.,5/8 ID,BULK	
6	53125GT	HOSE,AIR INTAKE 2.5 ID X 6.5	1
7	30971GT	CLAMP,HOSE,3.00"	2
8	65455GT	GASKET-VENTURI BEAM (FORD)	1
9	48471GT	ADAPTER,LP VENTURI to SN 2149	1
10		GASKET,LP ADAPTER to SN 2149 (no longer available)	1
11	49386GT	SCREW,HHC,M8 X 40 to SN 2149	2
12		KIT,FORD EFI UPDATE,BASE*** to SN 2149,(no longer available)	1
13	52577GT	GASKET - THROTTLE BODY, 425EFI to SN 2149	1
14	88455GT	ADAPTER,THROTTLE ACTUATOR*** to SN 2149	1
15	52579GT	GASKET,ADAPTER PLATE,425EFI*** to SN 2149	1
16	27507GT	THREADED ROD,1/4-20,4.5" from SN 2150	1
17A		ACTUATOR, FORD EFI PRECISION from SN 2150; component no longer available	1
17B	88451GT	THROTTLE ACTUATOR*(BOSCH) models with EFI update kit ONLY	
18	23057GT	SCREW,HHC,M8 X 20MM	2
19	6886GT	WASHER,LOCK,.313	7
20	48475P-SGT	BRACKET, MAP SENSOR	1
21	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	2
22	49898GT	MAP SENSOR, EFI	1
23	52570GT	SPARK PLUG WIRE SET, LRG425EFI	1
24	28647GT	SPARK PLUG,FORD	4
24	52656GT	FUEL INJECTOR, LRG-425 EFI not shown	4
25	52566GT	DIPSTICK, OIL LEVEL,LRG425 EFI	1

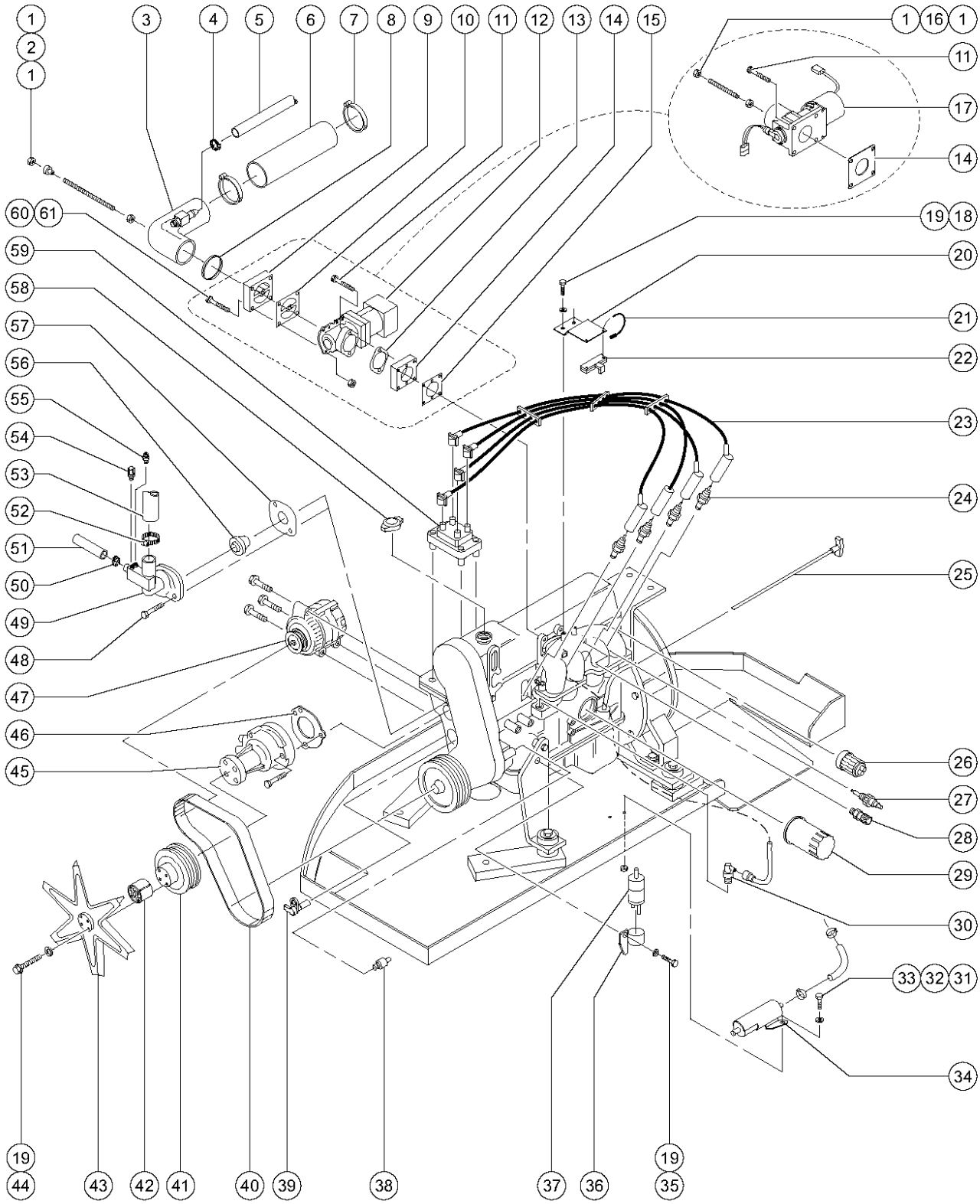
401.1 Ford LRG-425 EFI Engine - View 1



401.1 Ford LRG-425 EFI Engine - View 1

Item	Part No.	Description	Qty.
26	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1
27	30810GT	SENDING UNIT,OIL PRESSURE*** dual-terminal sender	1
28	52652GT	SENSOR,AIR TEMP,LRG-425 EFI***	1
29	28656GT	FILTER,OIL,FORD Genie genuine part	1
29-	1259054GT	FILTER, OIL, FORD Genie aftermarket	
30	33957GT	VALVE,PCV-FORD LRG***	1
31	8915GT	SCREW, HHC, 1/4-20 X 1.25	3
32	6638GT	WASHER, FLAT, USS, 1/4"Y	3
33	6091GT	NUT,NYLOCK,1/4-20	3
34	77355GT	FUEL PUMP KIT,LRG 425,WALBRO**	1
35	25929GT	SCREW,HHC,M8 X 30MM,GRD 8.8	1
36	65453GT	BRACKET-FUEL FILTER (52567)	1
37	58967GT	FUEL PRESSURE REG,425EFI***	1
38	58900GT	SENSOR,CAM,EFI***	1
39	33968GT	SENSOR, CRANK POSITION	1
40	52580GT	BELT,SERPENTINE,LRG425 EFI***	1
41	52078GT	PULLEY,FORD ENGINE,LRG-423***	1
42	52077GT	SPACER,FAN TO WATERPUMP LRG423	1
43		FAN, LSG423/LRG425 (52076) component no longer available	1
44	32309GT	SCREW,HHC,M8 X 60MM X 1.25	4
45	33963GT	PUMP, WATER, WITH GASKET	1
46	33964GT	GASKET, WATER PUMP	1
47	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
48	65454GT	BOLT-FLANGE,M6 X 22MM(52573)	2
49	52573GT	THERMOSTAT HOUSING, LRG425 EFI	1
50	36208GT	CLAMP,HOSE,1.25***	1
51	52762GT	HOSE,WATER INLET,LRG425 EFI	1
52	22672GT	CLAMP,HOSE,1.75	2

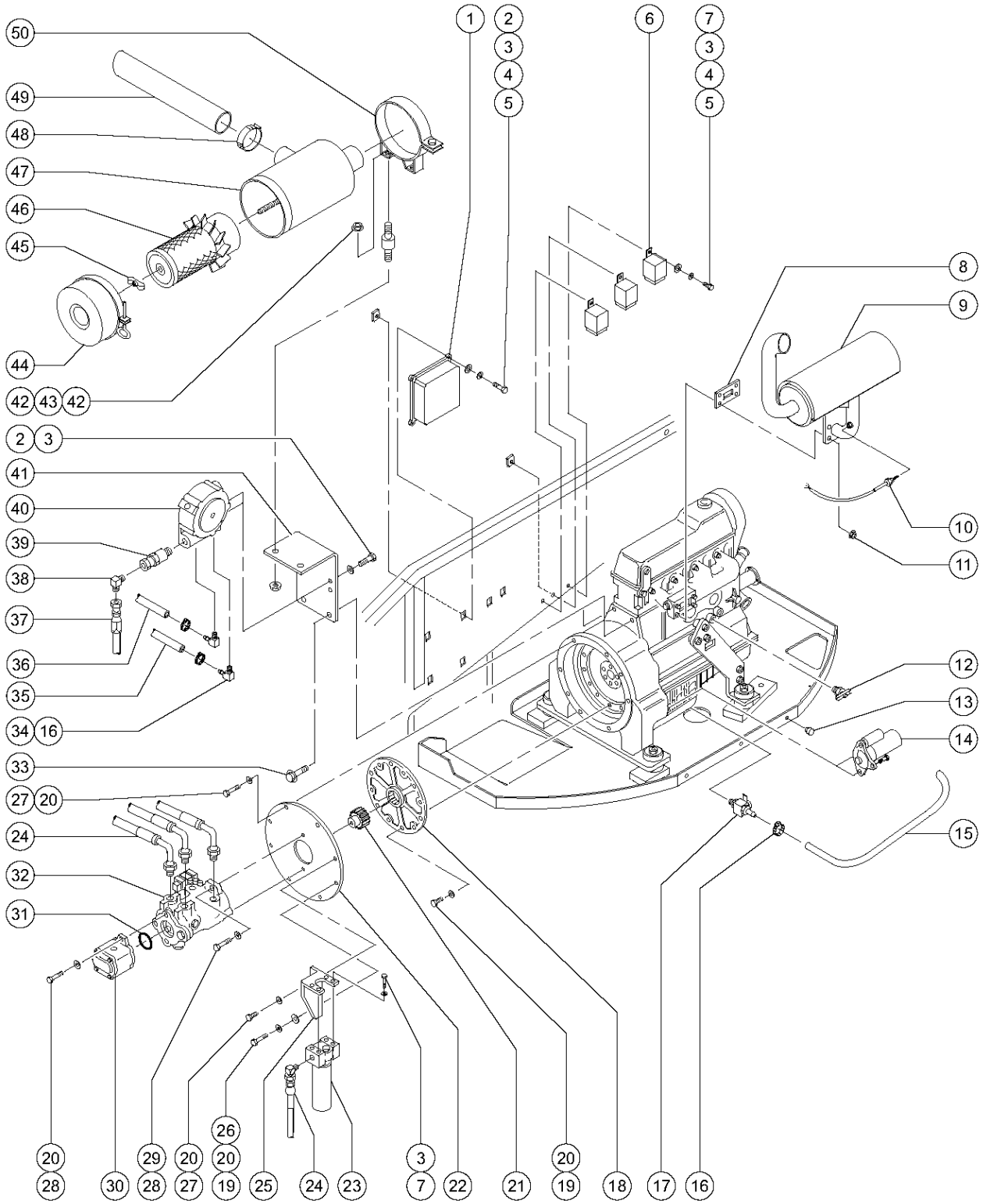
401.1 Ford LRG-425 EFI Engine - View 1



401.1 Ford LRG-425 EFI Engine - View 1

Item	Part No.	Description	Qty.
53	54862GT	HOSE,UPPER RADIATOR,Z45	1
54	33972GT	SENSOR,COOLANT TEMP*	1
55	65456GT	SENDING UNIT-H20TMP LRG425EFI*	1
56	33966GT	THERMOSTAT, FORD LRG	1
57	52575GT	GASKET,THERM.HSNG O-RING	1
58	49881GT	OIL FILLER CAP FOR LRG ENGINE	1
59	33970GT	COIL, ELECTRONIC IGN., FORD	1
60	30469GT	SCREW,FHM,10-32 X 1.5	4
61	5365GT	NUT,NYLOCK,10-24	4

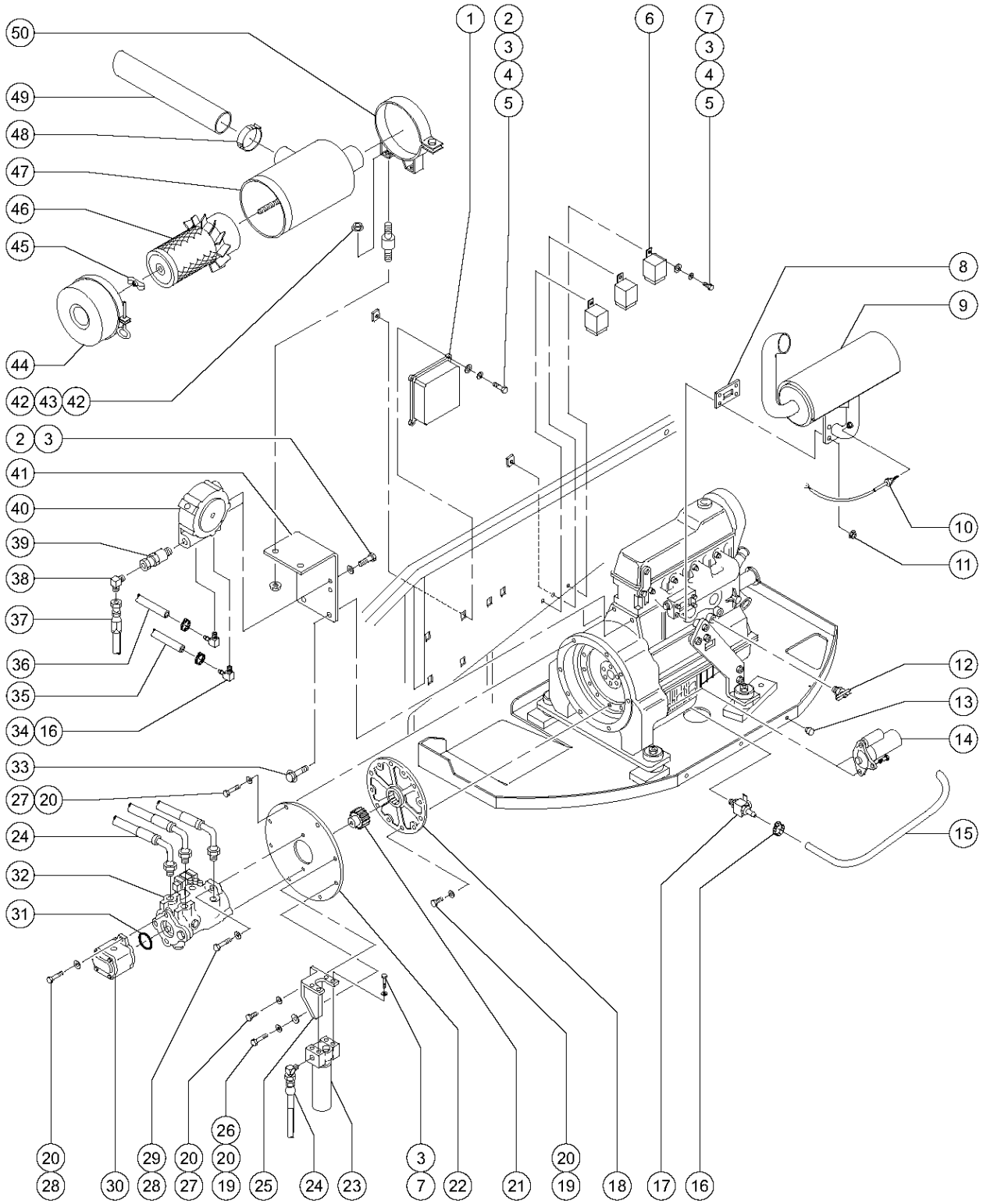
402.1 Ford LRG-425 EFI Engine - View 2



402.1 Ford LRG-425 EFI Engine - View 2

Item	Part No.	Description	Qty.
	65770GT	BELT,TIMING,FORD LRG423/425EFI	
1		KIT,FORD EFI UPDATE,BASE*** no longer available	1
2	6888GT	SCREW, HHC, 1/4-20 X 1	4
3	6356GT	WASHER, LOCK, .25	11
4	6638GT	WASHER, FLAT, USS, 1/4"Y	7
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	7
6	52592GT	RELAY - LRG425 EFI	3
7	6090GT	SCREW, HHC, 1/4-20 X .75	7
8	27142GT	GASKET,EXHAUST***	1
9	77885GT	MUFFLER,FORD LRG S40-60-80***	1
10	52564GT	SENSOR,O2,LRG 425 EFI***	1
11	65460GT	NUT-FLANGE,7/16-14	4
12	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
13	34619GT	BUMPER,RUBBER***	3
14	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
14B	29606GT	RING GEAR,FORD***	
15	27903GT	HOSE, LOW PRESSURE, .375 ID	
16	46131GT	CLAMP,HOSE,.63" - 1.0" X .5"	3
17	36985GT	VALVE,ENGINE OIL DRAIN includes gasket	1
18	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
19	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
20	6021GT	WASHER, LOCK, .375	16
21	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
22	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED	1
23		FILTER ASY,M PRESS,SAE8,WOIND* (77139)	1
23-	20880GT	FILTER ELEMENT-10 MIC.*** for 77139	1
23A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
23A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	

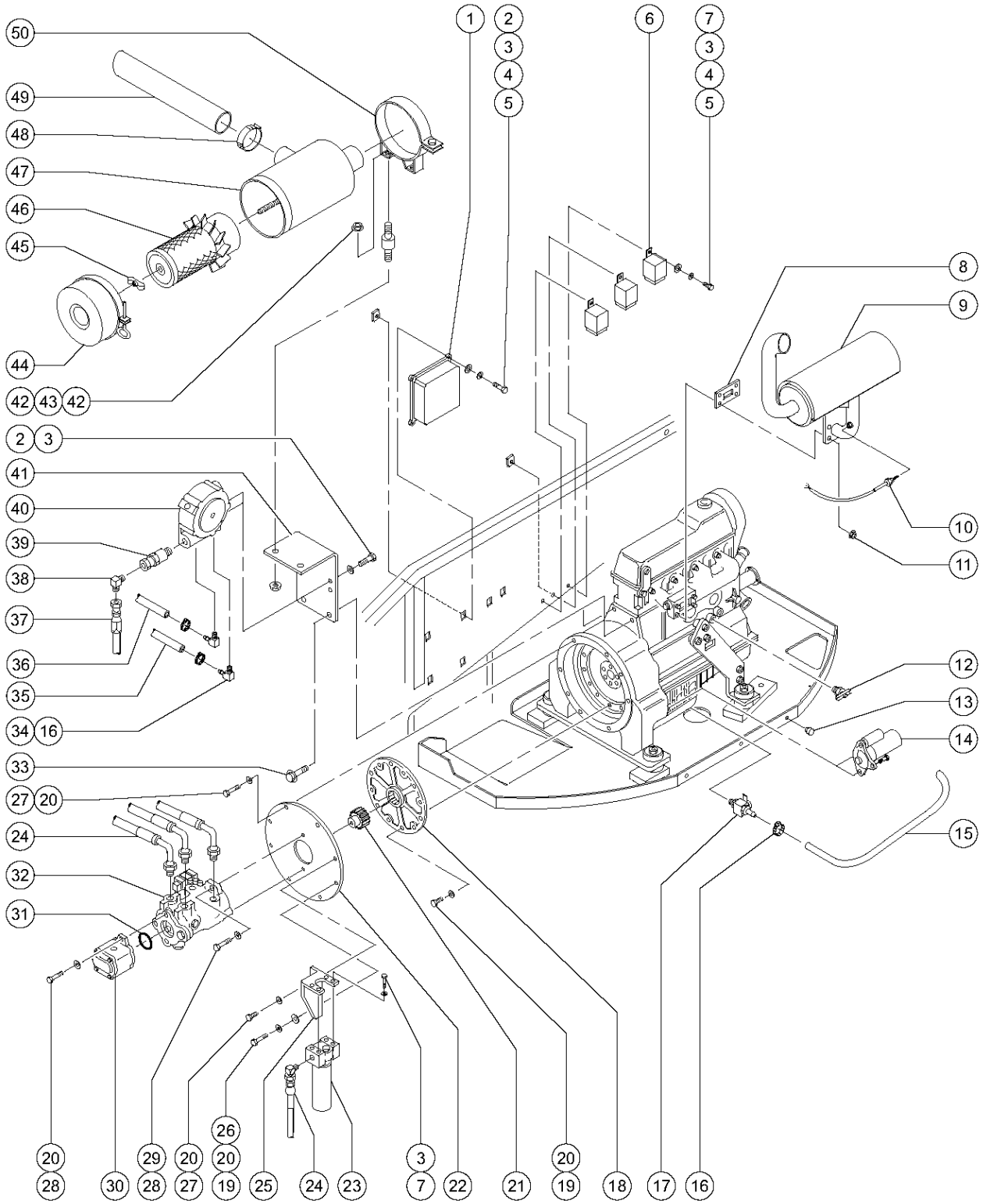
402.1 Ford LRG-425 EFI Engine - View 2



402.1 Ford LRG-425 EFI Engine - View 2

Item	Part No.	Description	Qty.
24		Ref. Hydraulic Hoses and Fittings (refer to Figure 511.1)	1
25	30230P-SGT	FILTER MOUNT BRACKET	1
26	5397GT	WASHER, FLAT, USS, 5/16-18	2
27	6175GT	SCREW,HHC,3/8-16 X 1	9
28	8177GT	SCREW,HHC,1/2-13 X 1.5	2
29	6033GT	WASHER,LOCK,0.5"	2
30	53961GT	PUMP,LIFT 1.025 C.I.*** from SN 2451, use in place of previous pump 31248	1
30-	53962GT	SEAL KIT,LIFT PUMP (53961)*** use with pump 53961	1
30-	31249GT	SEAL KIT,LIFT PUMP** use with pump 31248	1
30-	77990GT	KIT,SEAL,3CC PUMP***	1
31	29436GT	O-RING***	1
32	53964GT	PUMP ASSY, M46+1.0 CU IN LIFT* includes index numbers 30, 31 and 2 each of index numbers 20 and 28; from SN 2451	1
32-	46674GT	PUMP,VAR.PISTON M46 2.8 CIQVP*	1
32-	22965GT	EDC ASSY,SAUER,M46***	1
32-	65843GT	SEAL KIT, EDC use for EDC ASSY 22965	1
32-	72292GT	O-RING KIT,EDC CONTROLLER use for EDC ASSY 22965	1
32-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
32-	32611GT	SHAFT,M46 15 TOOTH	1
32-	27067GT	SEAL,SHAFT-SUNDSTRAND***	1
33	53024GT	SCR,M 10X40 LG HEX FLG. SERR.	2
34	37017GT	HOSE END,90DEG,.63 HS X.25 MPT	2
35	52762GT	HOSE,WATER INLET,LRG425 EFI	1
36	53832GT	HOSE,FIRE RES.,5/8 ID,BULK	
37	30275GT	HOSE ASSEMBLY,LP. 137"	1
38	36203GT	ELBOW,90DEG.3/8MPT-5/8 BARB	1
39	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
40	22279GT	REGULATOR,LPG BEAM 60***	1
40-	24470GT	REGULATOR DIAPH.KIT BEAM 50/60	1

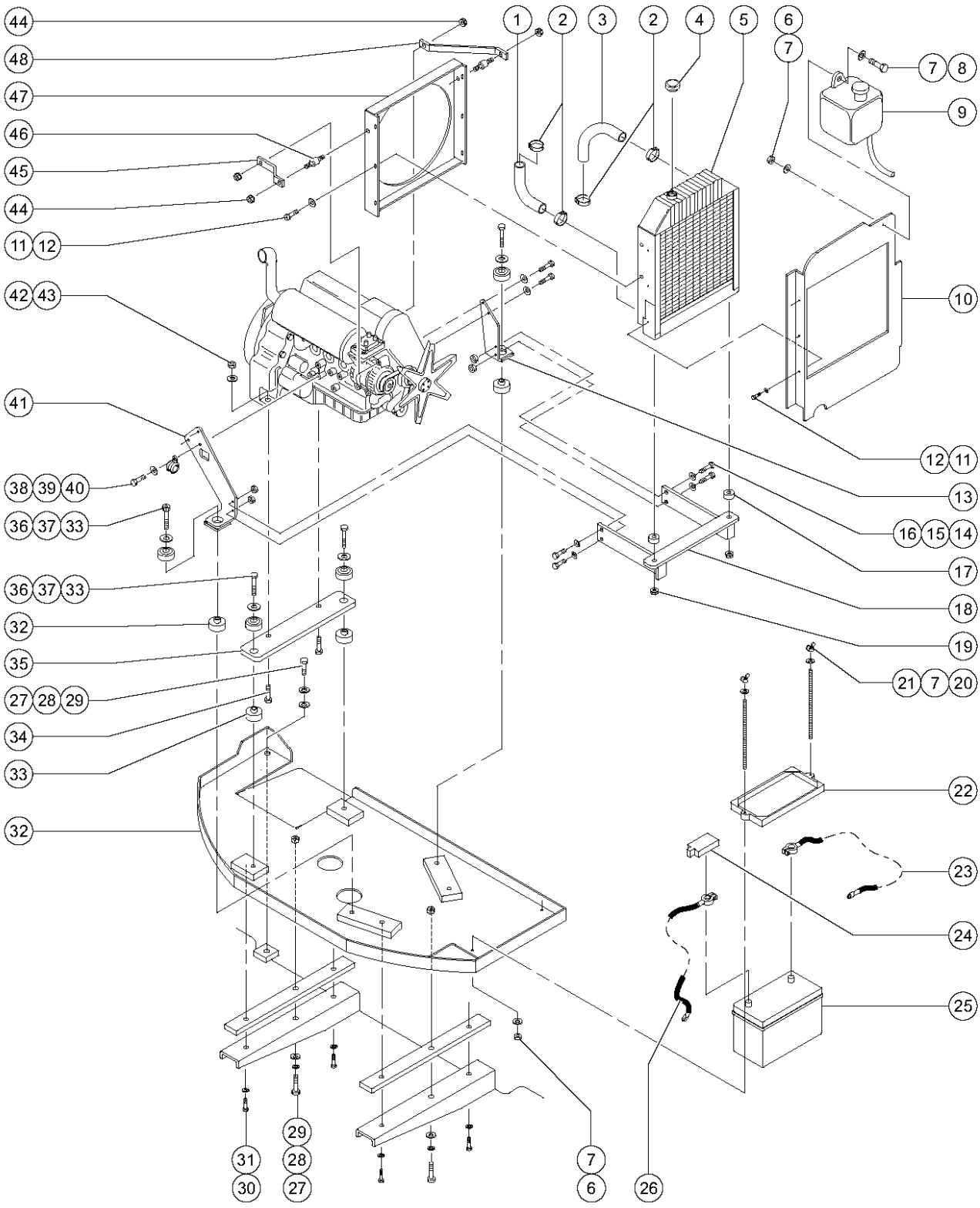
402.1 Ford LRG-425 EFI Engine - View 2



402.1 Ford LRG-425 EFI Engine - View 2

Item	Part No.	Description	Qty.
40A	102119GT	HOSE,3/4,LP from regulator to mixer	
41	48473P-SGT	BRACKET,AIR FILTER,FORD GAS PT	1
42	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	4
43	219437GT	ISOLATOR,VIBRATION	2
44	58917GT	END CAP,AIR FILTER-27915&49740	1
45	52658GT	NUT - WING, AIR FILTER, 425EFI	1
46	27916GT	FILTER,AIR,ELEMENT***	1
47	49740GT	AIR CLEANER,FORD EFI*** includes index numbers 44 through 46	1
48	30971GT	CLAMP,HOSE,3.00"	1
49	53124GT	HOSE,AIR INT.2.5 IDX12" W/450	1
50	53952GT	BRKT,AIR CLEANER ORIENTATION**	1

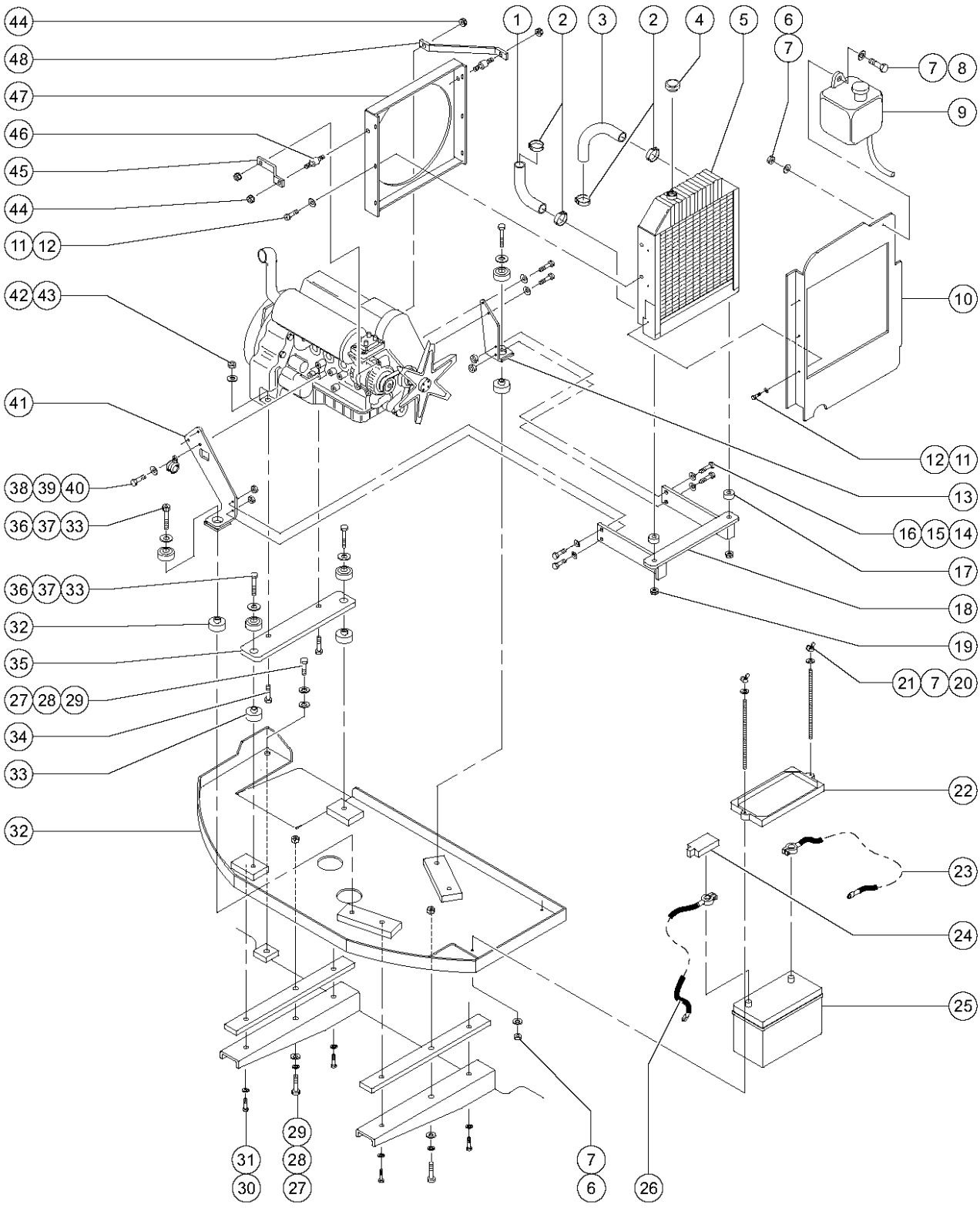
403.1 Ford LRG-425 EFI Engine - View 3



403.1 Ford LRG-425 EFI Engine - View 3

Item	Part No.	Description	Qty.
1	77170GT	HOSE,LOWER RADIATOR,Z45	1
2	22672GT	CLAMP,HOSE,1.75	4
3		Ref. HOSE, UPPER RADIATOR refer to 401.1	1
4	27943GT	CAP,RADIATOR,FORD***	1
5	33969GT	RADIATOR,FORD,LRG	1
5	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
6	6091GT	NUT,NYLOCK,1/4-20	3
7	6638GT	WASHER, FLAT, USS, 1/4"Y	6
8	6888GT	SCREW, HHC, 1/4-20 X 1	1
9	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT includes Hose	1
9-	72327GT	CAP, COOLANT RET SYS(54071)	1
10	53528-SGT	SHROUD, FORD RADIATOR, BLUE	1
11	35460GT	SCREW,PHM,8-32X.38,SELF TAP.	9
12	35461GT	WASHER,FLAT,MS,#8,Y	9
13	53425-SGT	WELDMENT,RH,ENGINE MOUNT	1
14	8516GT	SCREW, HCC, 3/8-16 X 1.50	4
15	6097GT	WASHER, FLAT, USS, 3/8", Y	4
16	4828GT	NUT, NYLOCK, 3/8-16	4
17	24038GT	SHOCK MOUNT,SMALL	2
18	34929-SGT	WELDMENT,RADIATOR MOUNT LRG423	1
19	48425GT	NUT,FLG-LRG,3/8-16,YZ	2
20	8170GT	NUT,WING,1/4-20	2
21	30784-975GT	THREADED ROD,(1/4-20),9.75	2
22	30144GT	BATTERY HOLD DOWN,GROUP 31	1
23	T113653GT	CABLE ASSY,2/0,NEG,BLK,72	1
24	18189GT	BOOT,BATTERY TERMINAL,RED	1
25	1303581GT	BATTERY, 12V, 950CCA, FLA	1
26	122056GT	BATTERY CABLE,1/0 GA,RED 45"	1

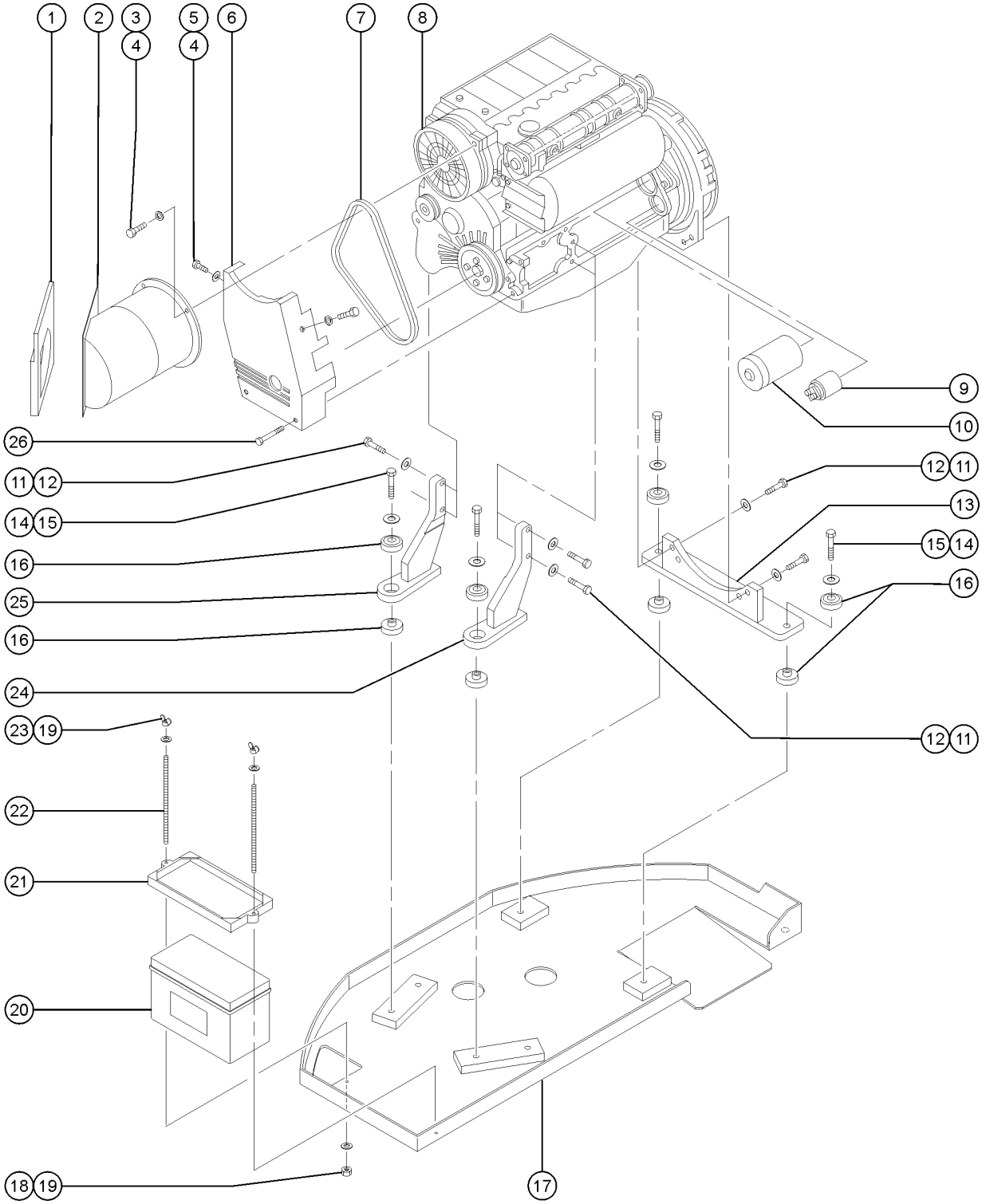
403.1 Ford LRG-425 EFI Engine - View 3



403.1 Ford LRG-425 EFI Engine - View 3

Item	Part No.	Description	Qty.
27	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
28	6036GT	WASHER,LOCK,.625 PLTD	3
29	13064GT	WASHER,FLAT,.625 HARDENED	3
30	6090GT	SCREW, HHC, 1/4-20 X .75	4
31	6356GT	WASHER, LOCK, .25	4
32	75650-SGT	WELDMENT PLATE ENGINE TANK	1
33	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	
34	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
35	28234P-SGT	PLATE,ENGINE MOUNT,PAINTED	1
36	21175GT	SCREW,SHC,5/8-11 X 4,A574	4
37	33418GT	WASHER,FLAT,.625 X 2.25 X.15	4
38	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	5
39	6021GT	WASHER, LOCK, .375	5
40	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH*	1
41	53290-SGT	WELDMENT,RH,ENGINE MOUNT	1
42	6086GT	NUT,LP NYLOCK,1/2-13	2
43	6095GT	WASHER,FLAT,USS,1/2",Y	2
44	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	4
45	34942P-SGT	STRUT,RH,FORD RADIATOR,PAINT replaced by 34942PGT	1
45B	34942PGT	STRUT,RH,FORD RADIATOR,PAINT**	1
46	219437GT	ISOLATOR,VIBRATION	2
47	34927P-SGT	SHROUD,RADIATOR LRG 423 BLUE**	1
48	34943P-SGT	MOUNT,RAD.SUPPT,LH,BLUE	1

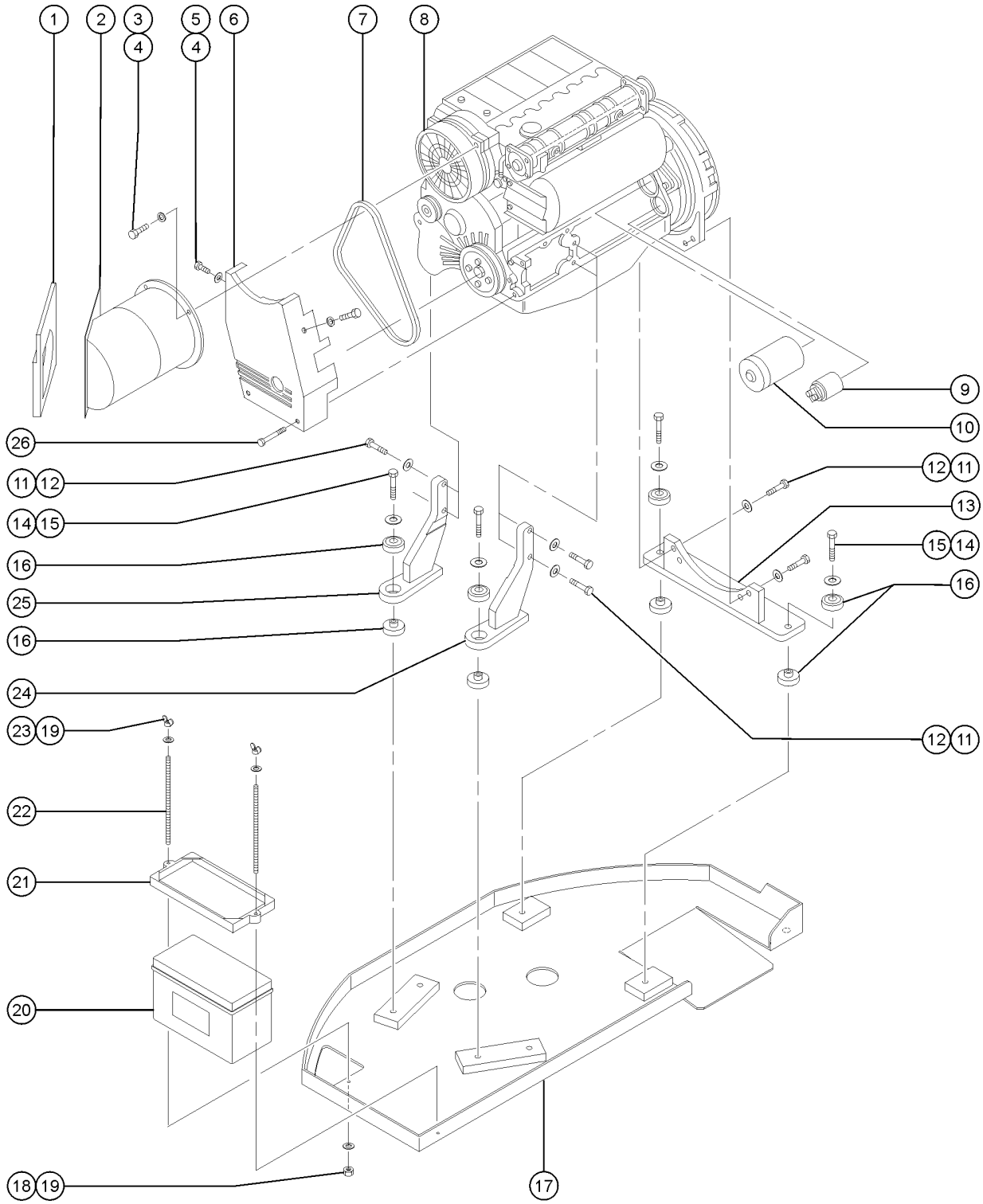
404.1 Deutz F4L 1011F Diesel Engine - View 1



404.1 Deutz F4L 1011F Diesel Engine - View 1

Item	Part No.	Description	Qty.
A-	160550GT	KIT, 500 HR, DEUTZ TURBO every 500 hr service kit	
B-	89453GT	HARNESS,ENGINE,DEUTZ,Z60,2002*	
1	53715GT	FOAM GASKET,AIR INTAKE	1
2	30483PGT	WELDMENT,HEAT SHIELD PAINTED	1
2-	33060PGT	WELDMENT,AIR INTAKE TUBE,BLUE from SN 1090	1
3	32309GT	SCREW,HHC,M8 X 60MM X 1.25	2
4	33277GT	WASHER,FLAT,M8,YELLOW ZINC	4
5	23057GT	SCREW,HHC,M8 X 20MM	2
6	29555GT	COVER,FRONT DEUTZ ENGINE includes 2 each index number 4, 5 and 26	1
7	32698GT	BELT	1
8	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	
9	49915GT	SOLENOID-STARTR DEUTZF4L1011F*	1
10	37950GT	STARTER,DEUTZ,F4L1011F/F3L1011 11 tooth; inspect old starter before ordering (includes item 9)	1
10-	139709GT	STARTER, 12V 9 tooth; inspect old starter before ordering (includes item 9)	
11	34265GT	SCREW,HHC,M14 X 55	8
12	37505GT	WASHER,LOCK,M14	8
13	29550GT	WELDMENT,DEUTZ ENGINE MOUNT	1
14	21175GT	SCREW,SHC,5/8-11 X 4,A574	4
15	33418GT	WASHER,FLAT,.625 X 2.25 X.15	4
16	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
17	65650-SGT	Weldment - Engine Tray	1
18	6091GT	NUT,NYLOCK,1/4-20	2
19	6638GT	WASHER, FLAT, USS, 1/4"Y	4
20	1303581GT	BATTERY, 12V, 950CCA, FLA	1
21	30144GT	BATTERY HOLD DOWN,GROUP 31	1
22	30784-975GT	THREADED ROD,(1/4-20),9.75	2
23	8170GT	NUT,WING,1/4-20	2
24	32748GT	WELMENT,DEUTZ ENGINE MOUNT	1

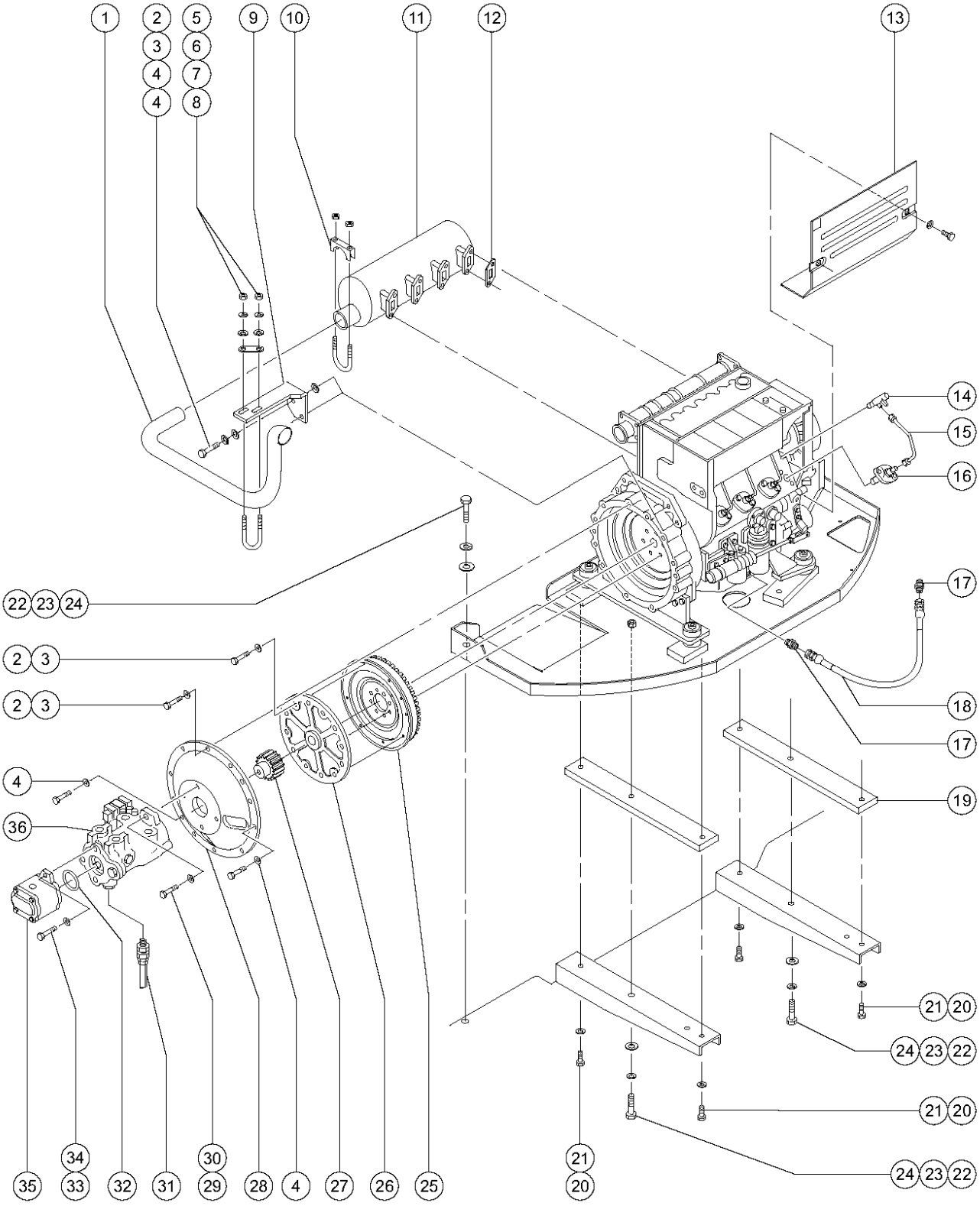
404.1 Deutz F4L 1011F Diesel Engine - View 1



404.1 Deutz F4L 1011F Diesel Engine - View 1

Item	*Part No.*	*Description*	*Qty.*
25	32749GT	WELDMENT,DEUTZ ENGINE MOUNT	1
26	49401GT	SCREW,HHC,M8 X 100	2

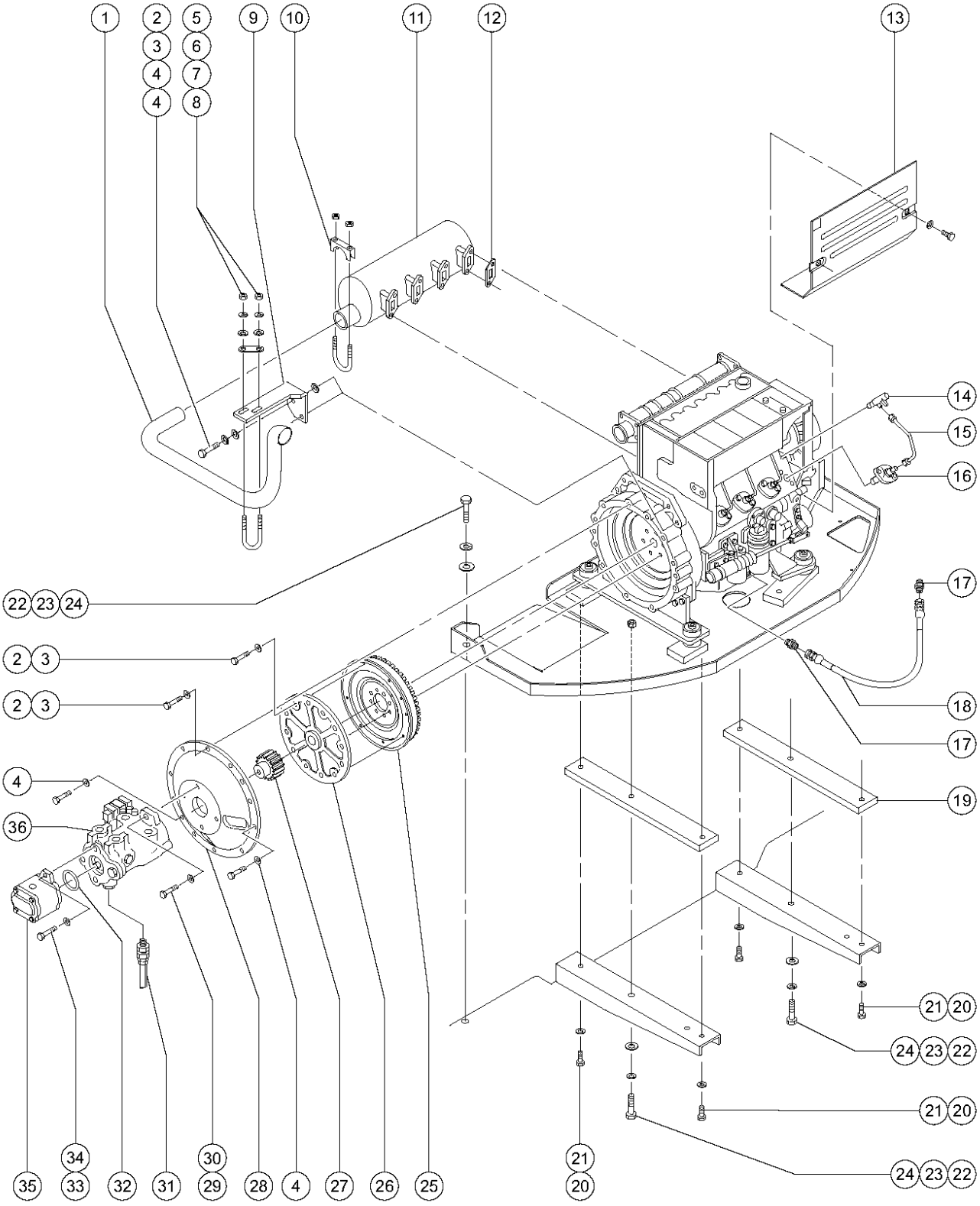
405.1 Deutz F4L 1011F Diesel Engine - View 2



405.1 Deutz F4L 1011F Diesel Engine - View 2

Item	Part No.	Description	Qty.
1	30493GT	EXHAUST,TAILPIPE,DEUTZ,Z60	1
2	44064GT	SCREW,HHC,M10 X 30MM,	19
3	22700GT	WASHER,LOCK,M10	19
4	6097GT	WASHER, FLAT, USS, 3/8", Y	6
5	6037GT	NUT,HEX,5/16-18,GR5	2
6	6886GT	WASHER,LOCK,.313	2
7	6638GT	WASHER, FLAT, USS, 1/4"Y	2
8	16584GT	U-BOLT, KIT 5/16-18 X 2.5 *** includes index number 5	1
9	27329P-SGT	BRACKET,EXHAUST SUPPORT,PAINTD	1
10	30438GT	CLAMP,MUFFLER,2 1/4" ID. includes nuts	1
11	29558GT	MUFFLER**	1
11-	53867GT	SCRUBBER MUFFLER,DEUTZ,F4L1011	1
12	29559GT	GASKET,EXHAUST	4
13	49916GT	COVER - DEUTZ F4L1011F includes mounting fasteners	1
14	49919GT	INJECTOR - DEUTZ F4L1011F Non EPA Models	1
14-	65458GT	INJRCTOR-FUEL(F4L 1011F-EPA) EPA Models	1
15	49921GT	FUEL LINE INJ. DEUTZ F4L1011F	4
16	49929GT	INJECTOR PUMP - DEUTZ F4L1011F Non EPA Models	1
16-	65459GT	PUMP-INJECTOR (F4L 1011F-EPA) EPA Models	1
17	48916GT	CONN, 520120-6	2
18	49135-3389-SGT	HOSE ASSY 3/8"	1
19	30271GT	PAD,ENGINE SLIDE	2
20	6090GT	SCREW, HHC, 1/4-20 X .75	4
21	6356GT	WASHER, LOCK, .25	4
22	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
23	6036GT	WASHER,LOCK,.625 PLTD	3
24	13064GT	WASHER,FLAT,.625 HARDENED	3
25	49917GT	RING GEAR,DEUTZ F3 & F4L1011F* (please verify ring gear thickness) 0.46 inches	1

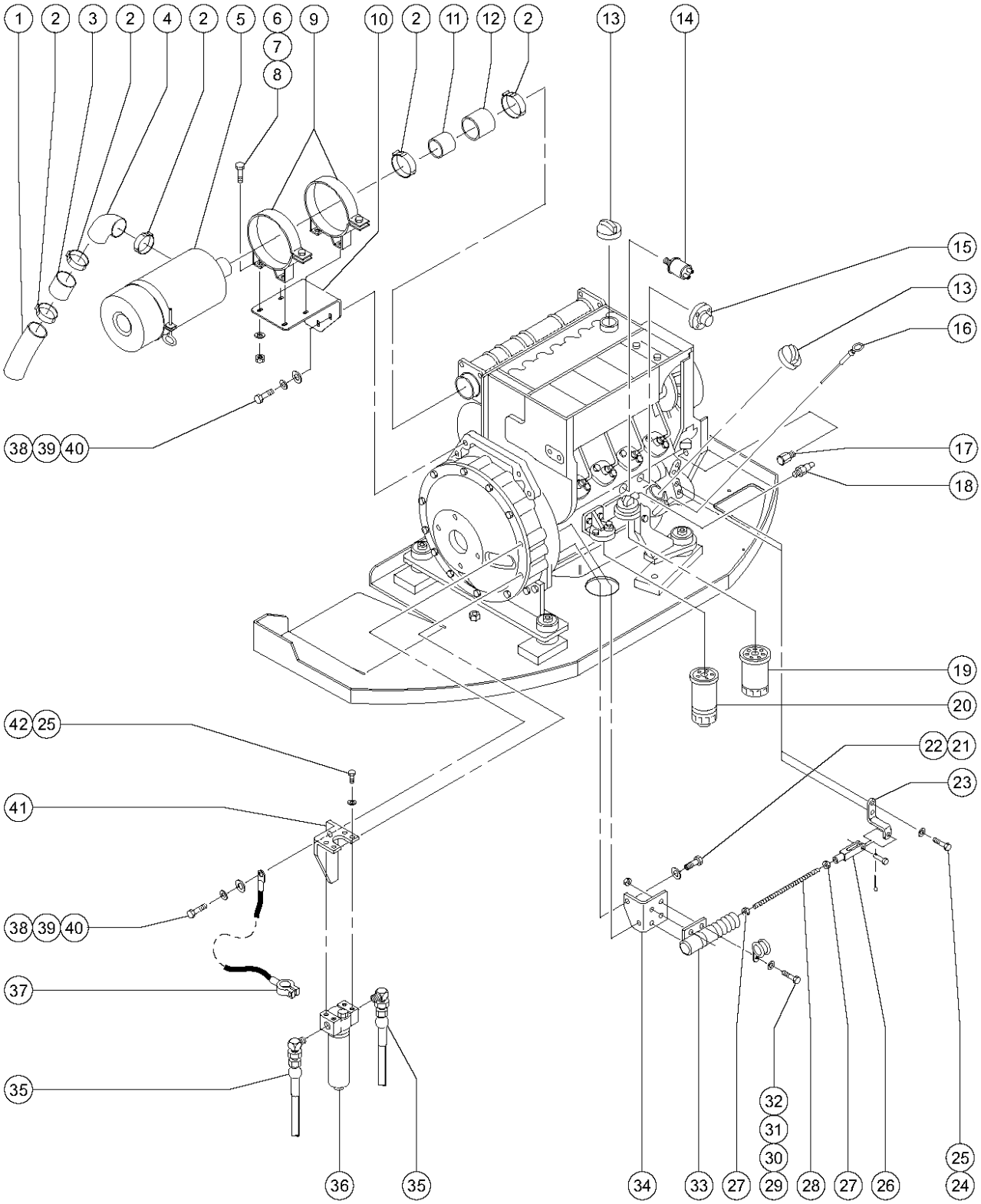
405.1 Deutz F4L 1011F Diesel Engine - View 2



405.1 Deutz F4L 1011F Diesel Engine - View 2

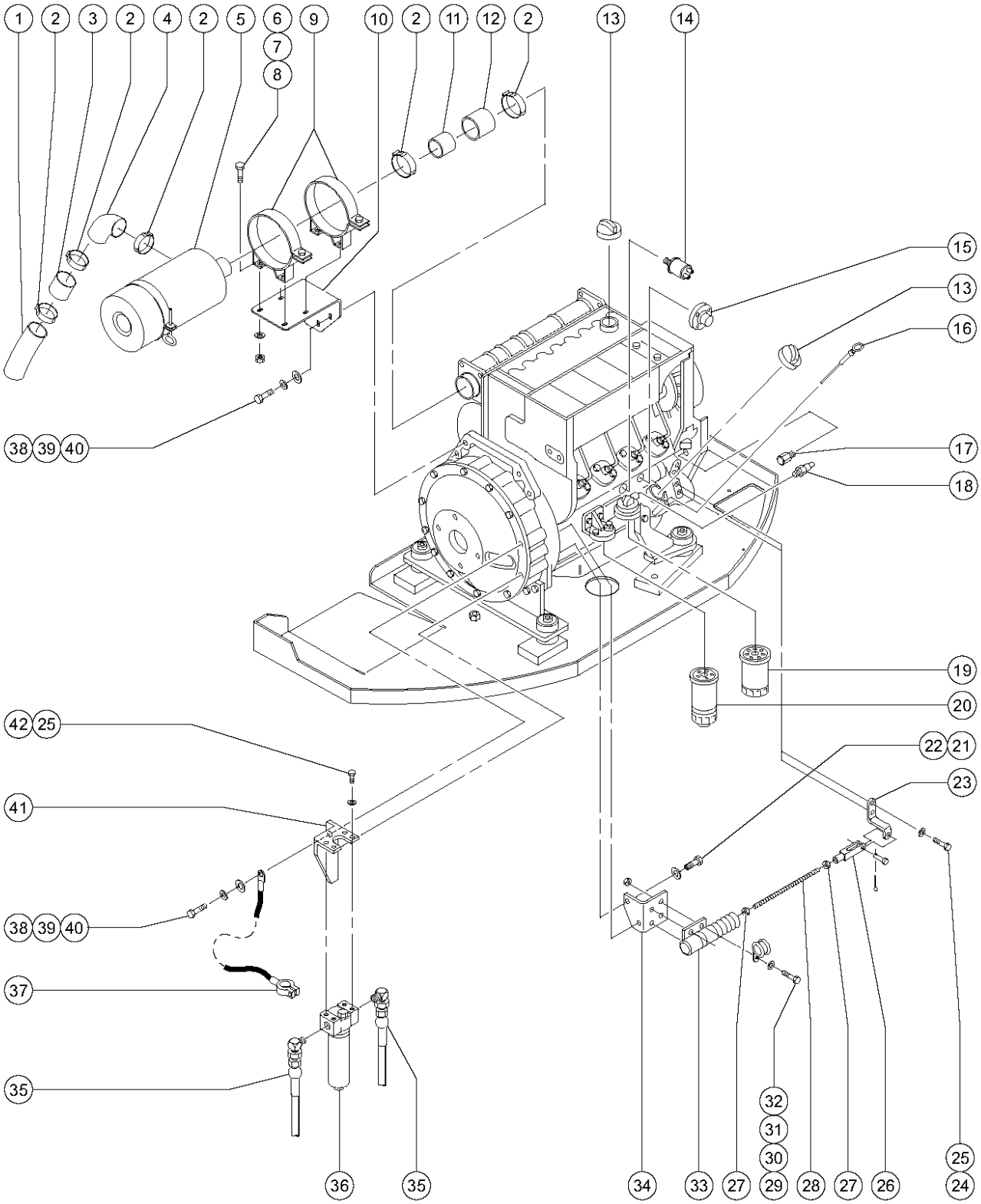
Item	Part No.	Description	Qty.
25-	89785GT	RING GEAR,DEUTZ F3L2011F (please verify ring gear thickness) 0.6 inches	1
25-	33729GT	RING GEAR,DEUTZ F3 & F4L1011* (please verify ring gear thickness) 0.365 inches	1
26	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
27	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
28	30806GT	FLYWHEEL COVER,CASTING***	1
29	8177GT	SCREW,HHC,1/2-13 X 1.5	2
30	6033GT	WASHER,LOCK,0.5"	2
31		Ref. Hydraulic Hoses and Fittings (refer to Figure 511.1)	2
32	29436GT	O-RING***	1
33	6175GT	SCREW,HHC,3/8-16 X 1	2
34	6021GT	WASHER, LOCK, .375	2
35	53961GT	PUMP,LIFT 1.025 C.I.***	1
35-	77990GT	KIT,SEAL,3CC PUMP*** for pump 53961	1
35-	31249GT	SEAL KIT,LIFT PUMP** for pump 31248 (pump no longer available)	1
36	53964GT	PUMP ASSY, M46+1.0 CU IN LIFT* includes index numbers 32-35; from SN 2451	1
36-	53964GT	PUMP ASSY, M46+1.0 CU IN LIFT*	1
36-	46674GT	PUMP,VAR.PISTON M46 2.8 CIQVP*	1
36-	22965GT	EDC ASSY,SAUER,M46***	1
36-	58289GT	VALVE,EDC,PILOT,SAUER,M46 use for EDC ASSY 22965	1
36-	65843GT	SEAL KIT, EDC use for EDC ASSY 22965	1
36-	72292GT	O-RING KIT,EDC CONTROLLER use for EDC ASSY 22965	1
36-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
36-	32611GT	SHAFT,M46 15 TOOTH	1
36-	27067GT	SEAL,SHAFT-SUNDSTRAND***	1

406.1 Deutz F4L 1011F Diesel Engine - View 3



Item	Part No.	Description	Qty.
1	34162-1900GT	HOSE,AIR INTAKE,2.50IDX19.00"	1
2	45435GT	CLAMP,HOSE,2.50"	5
3	35067GT	TUBE,RD,ALUM 2.5 X .083	2 inches
4	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	1
5	27915GT	AIR CLEANER to SN 3230, does NOT include mounting bands	1
5-	27916GT	FILTER,AIR,ELEMENT*** to SN 3230	1
5-	65815GT	CLAMP, AIR CLEANER (27915)** clamp that holds the end cap on	1
5-	58917GT	END CAP,AIR FILTER-27915&49740 to SN 3230	1
5-	63463GT	AIR CLEANER,NELSON*** plastic housing (from SN 3231)	1
5-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
5-	62420GT	FILTER, AIR D2.9L4	
5-	65810GT	BAFFLE, AIR CLEANER (27915)**	
5-	52866GT	EVACUATOR VALVE-AIR CLEANER	
5-	53952GT	BRKT,AIR CLEANER ORIENTATION**	
6	6175GT	SCREW,HHC,3/8-16 X 1	4
7	6097GT	WASHER, FLAT, USS, 3/8", Y	4
8	7713GT	NUT, LP NYLOCK, 3/8-16	4
9	53952GT	BRKT,AIR CLEANER ORIENTATION**	2
10	30769P-SGT	BRACKET,AIR CLEANER MTG.PAINT to SN 3230	1
10-	53952GT	BRKT,AIR CLEANER ORIENTATION** from SN 3231	1
11	30966GT	HOSE,AIR INTAKE 2.25" I.D.	1
12	30967GT	HOSE,AIR INTAKE 2.75" I.D.***	1
13	29557GT	CAP,OIL FILLER,DEUTZ,DIESEL***	2
14		SWITCH/SENDER, OIL TEMPERATURE no longer available	1
15	49923GT	PUMP, FUEL LIFT, F4L1011F	1
16	49922GT	DIPSTICK - DEUTZ F4L1011F	1
17	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (must order cable assembly, 58256, if replacing 32752) (includes o-ring)	1

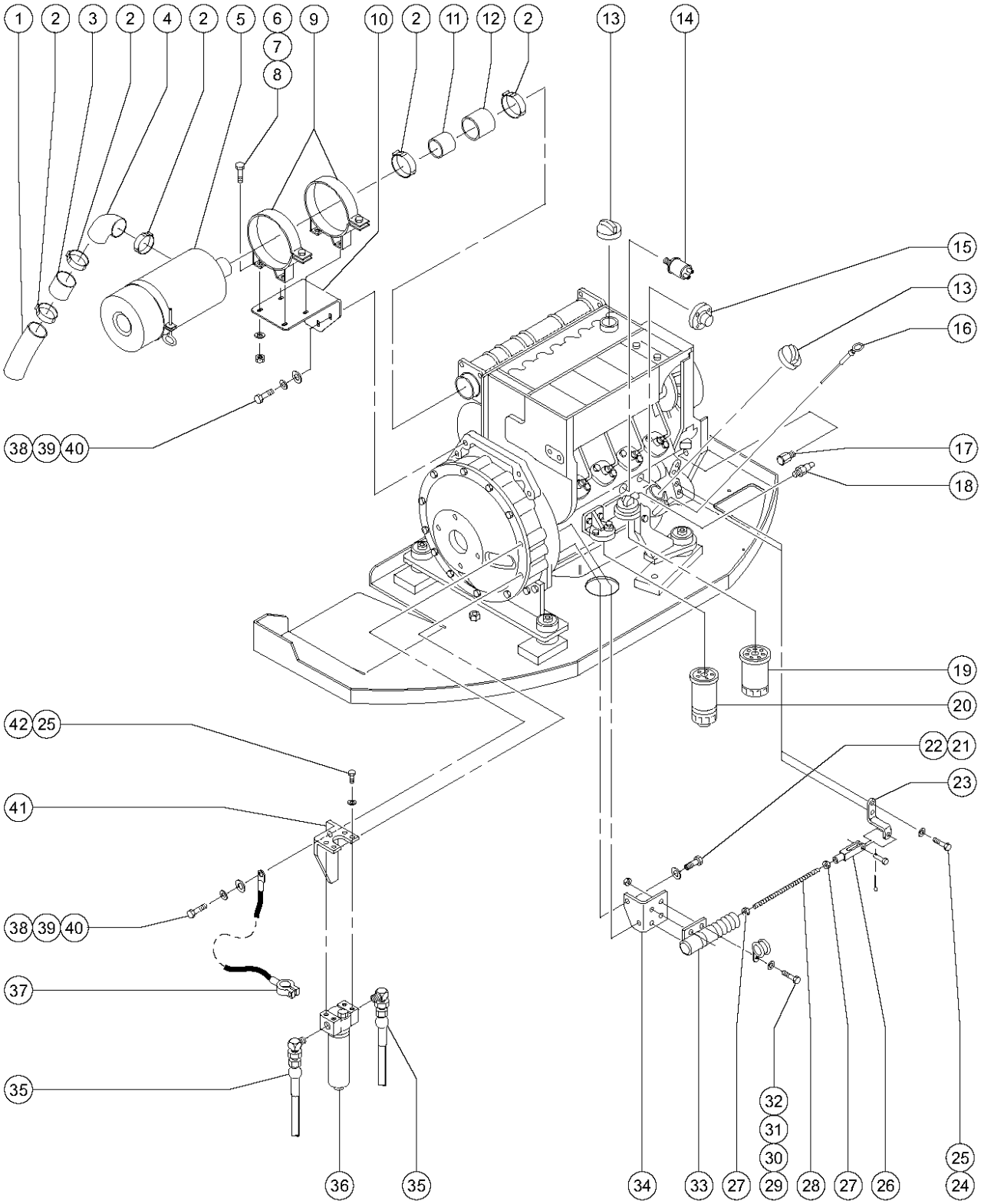
406.1 Deutz F4L 1011F Diesel Engine - View 3



406.1 Deutz F4L 1011F Diesel Engine - View 3

Item	Part No.	Description	Qty.
17-	58256GT	SOLENOID CABLE ASSY***	
17-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* (does not include diode, 45782)	
17-	56445GT	DIODE,6 AMP 200 PIV,REEL	
18	34059GT	SENDING UNIT,OIL TEMP.	1
19	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
19-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1
20	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
20-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
21	23057GT	SCREW,HHC,M8 X 20MM	2
22	6886GT	WASHER,LOCK,.313	2
23	33240P-SGT	BRACKET,ACTUATOR ARM MTG,PTD	1
24	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	2
25	6356GT	WASHER, LOCK, .25	6
26	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
27	21496GT	NUT,HEX,1/4-28	2
28	30785-1500GT	THREADED ROD,1/4-28 X 15 IN***	1
29	6888GT	SCREW, HHC, 1/4-20 X 1	4
30	6638GT	WASHER, FLAT, USS, 1/4"Y	4
31	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	2
32	6091GT	NUT,NYLOCK,1/4-20	4
33	29073GT	SOLENOID,THROTTLE,	1
33-	52537GT	BOOT,SOLENOID,29073	1
34	33241P-SGT	BRACKET,SOLENOID MTG,PAINTED	1
35		Ref. Hydraulic Hoses and Fittings (refer to Figure 511.1)	1
36		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
36-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	1
36-	58222GT	O-RING,FILTER ASSY (60334)*** for 77139	1
36-	20880GT	FILTER ELEMENT-10 MIC.*** for 77139	1

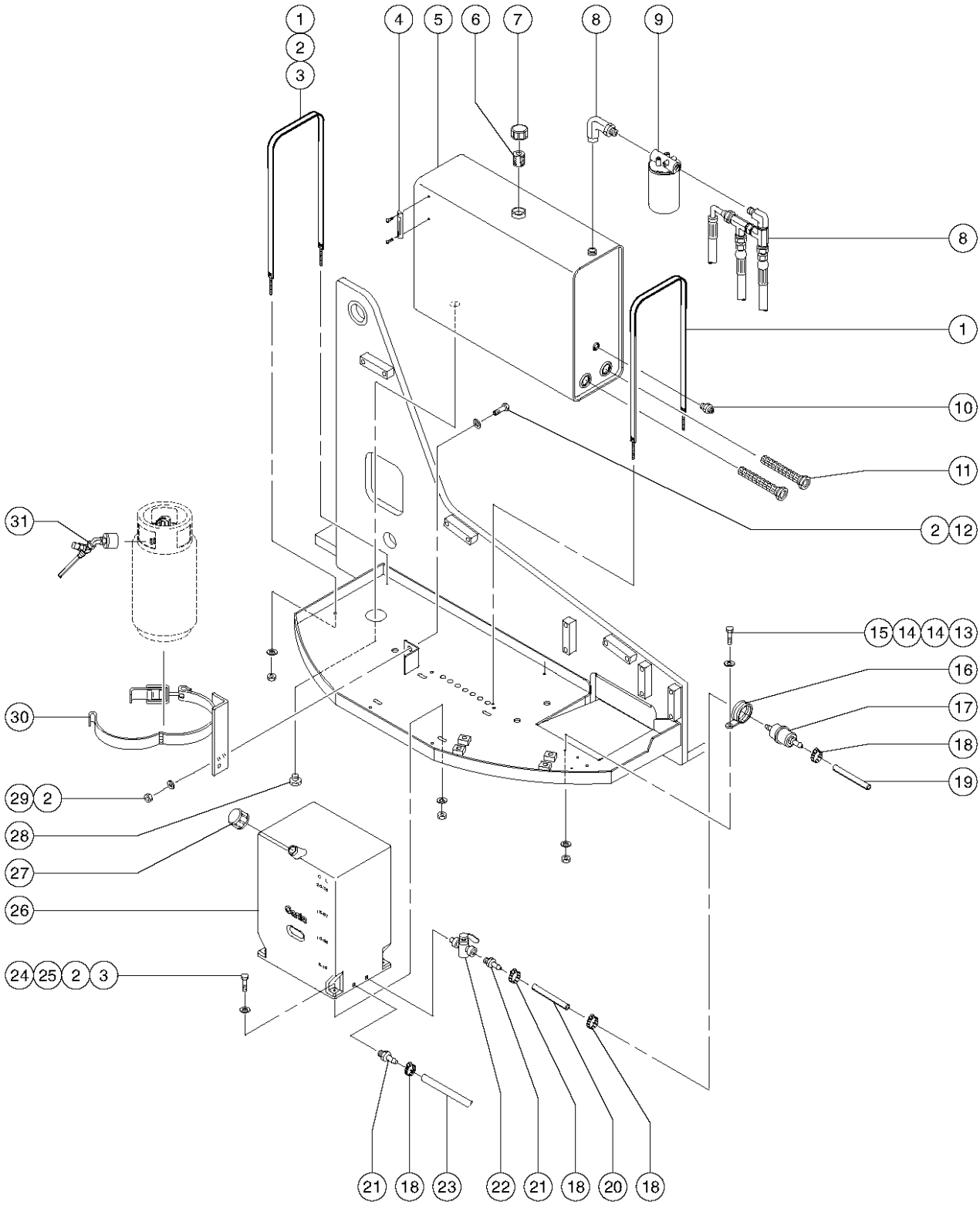
406.1 Deutz F4L 1011F Diesel Engine - View 3



406.1 Deutz F4L 1011F Diesel Engine - View 3

Item	Part No.	Description	Qty.
36A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
36A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
37	122058GT	BATTERY CABLE,1/0 GA,BLK 30"	1
38	44064GT	SCREW,HHC,M10 X 30MM,	4
39	22700GT	WASHER,LOCK,M10	4
40	6097GT	WASHER, FLAT, USS, 3/8", Y	4
41	30230P-SGT	FILTER MOUNT BRACKET	1
42	6090GT	SCREW, HHC, 1/4-20 X .75	4

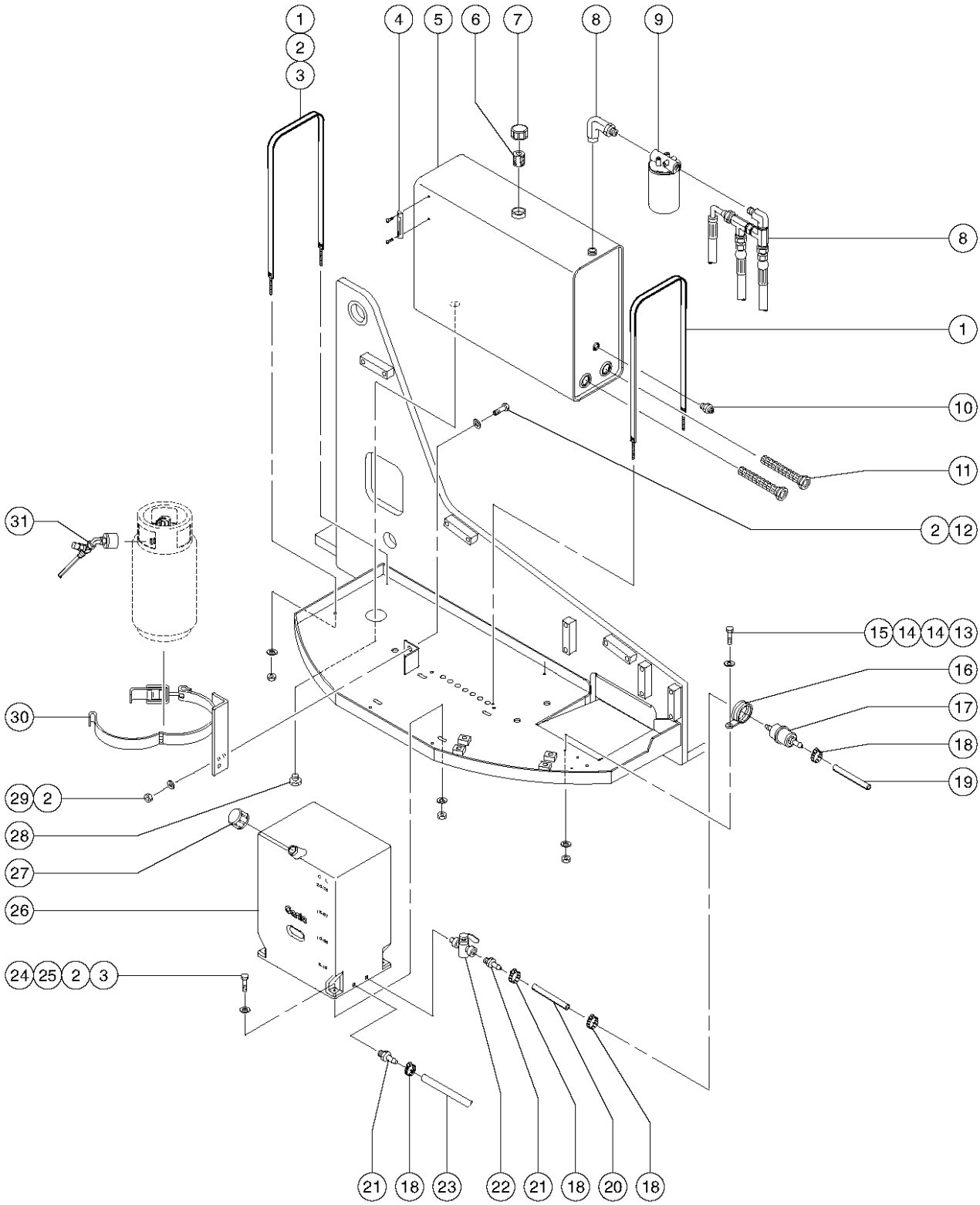
501.1 Hydraulic and Fuel Tanks - Ford Models (with plastic fuel tank)



501.1 Hydraulic and Fuel Tanks - Ford Models (with plastic fuel tank)

Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
2	5397GT	WASHER, FLAT, USS, 5/16-18	14
3	4828GT	NUT, NYLOCK, 3/8-16	8
4	21141GT	GAUGE-SIGHT,LHA-LGTB*** included with tank	1
5	53353GT	TANK,HYDRAULIC,45 GALLON*** includes index numbers 4, 6, 7, 11 and 28	1
6	31506GT	STRAINER,FILLER NECK	1
7	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
8		Ref. Hydraulic Hoses and Fittings (refer to Figure 511.1)	1
9	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
9-	46014GT	FILTER,ELEMENT,BETA(6)=200	1
10	48922GT	CONN,520102-6-6	1
11	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
12	6175GT	SCREW,HHC,3/8-16 X 1	3
13	6090GT	SCREW, HHC, 1/4-20 X .75	1
14	6638GT	WASHER, FLAT, USS, 1/4"Y	2
15	6889GT	NUT,LP NYLOCK,1/4-20	1
16	45455GT	CLAMP,2.75,#44 X 1/4,RUB CUSH*	1
17	1272019GT	FILTER, FUEL	1
18	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	1
19	27089GT	HOSE,5/16 FUEL,SAE 30R7	
20	27089GT	HOSE,5/16 FUEL,SAE 30R7	
21	53023GT	FITTING,1/4 MPT 5/16 BARB	2
22	19487GT	VALVE, FUEL LOCK	1
23	27089GT	HOSE,5/16 FUEL,SAE 30R7	
24	8178GT	SCREW, HHC, 3/8-16 X 2.5	4
25	6097GT	WASHER, FLAT, USS, 3/8", Y	4

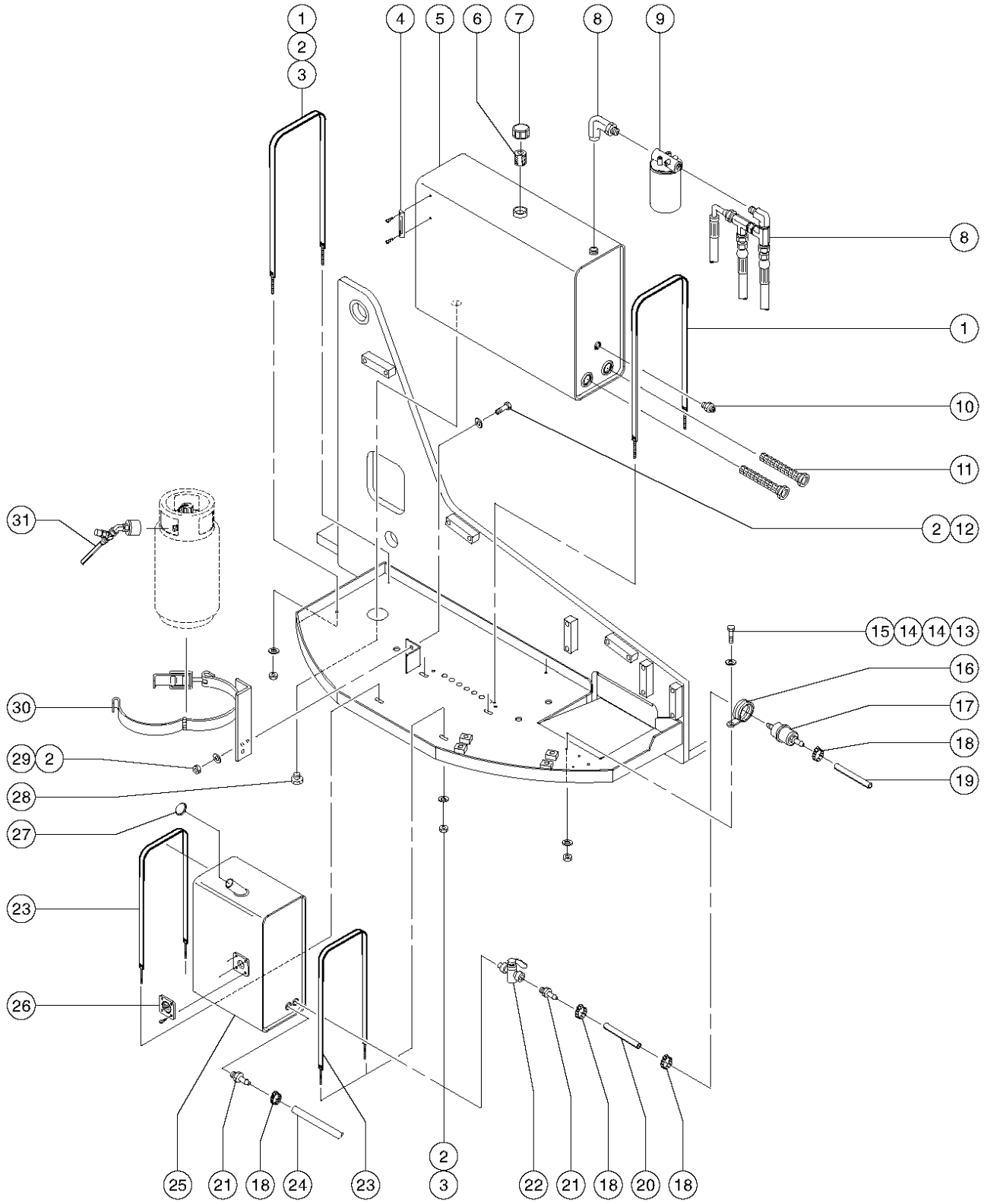
501.1 Hydraulic and Fuel Tanks - Ford Models (with plastic fuel tank)



501.1 Hydraulic and Fuel Tanks - Ford Models (with plastic fuel tank)

Item	*Part No.*	*Description*	*Qty.*
26	65610-SGT	FUEL TANK ASSY W/CAP, 20 GAL	1
27	101727GT	CAP,FUEL,GAS,1/8"VENT(RED)	1
28	31507GT	PLUG,SQUARE HEAD,3/4 MPT	1
29	7713GT	NUT, LP NYLOCK, 3/8-16	3
30	53120-SGT	LP.TANK BRACKET TALL WLDMNT	1
31	53605GT	TANK, 7 GAL/33.5 POUND, LP	1
32	30275GT	HOSE ASSEMBLY,LP. 137"	1

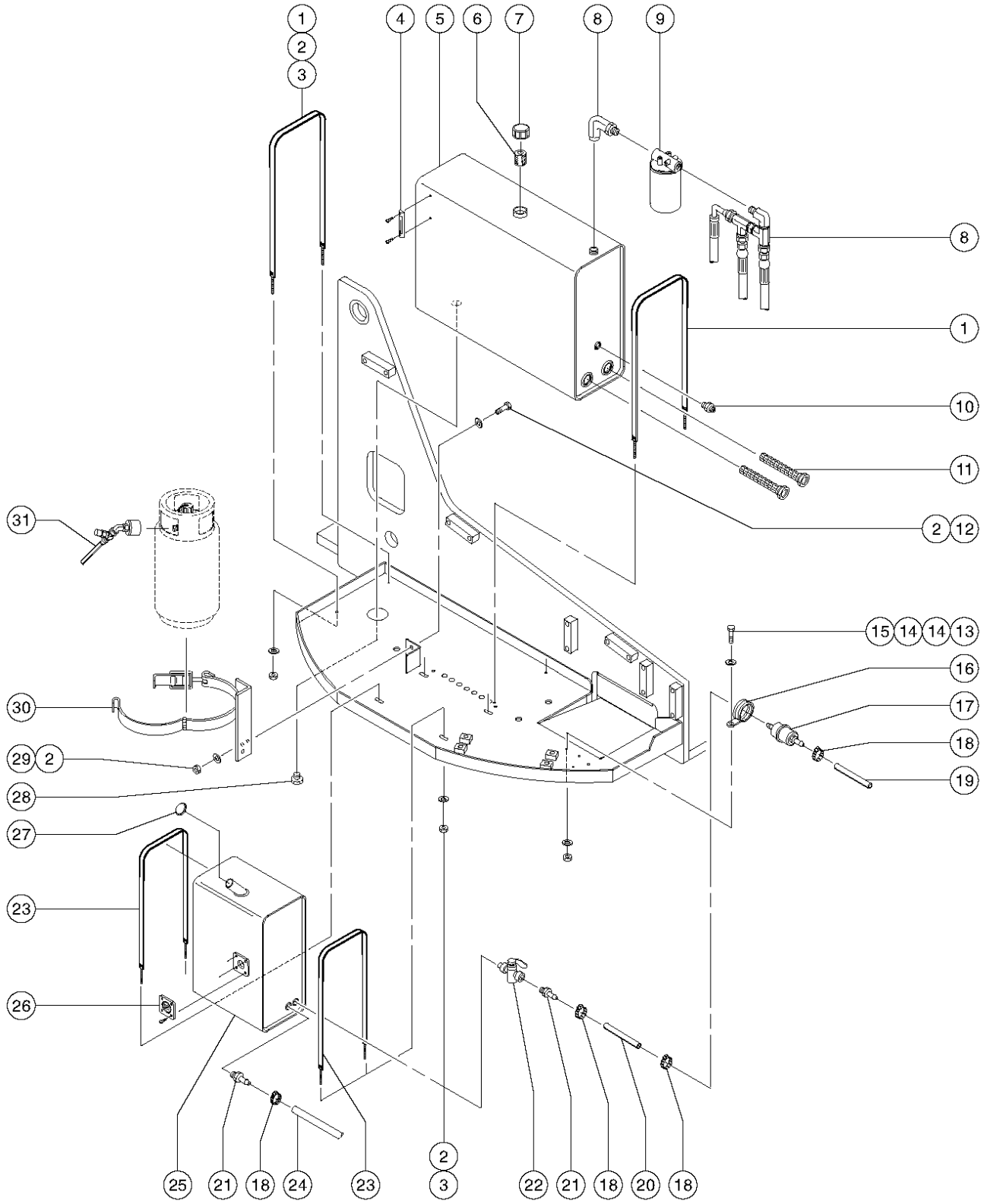
502.1 Hydraulic and Fuel Tanks - Ford Models (with metal fuel tank)



502.1 Hydraulic and Fuel Tanks - Ford Models (with metal fuel tank)

Item	*Part No.*	*Description*	*Qty.*
1	30179GT	TANK STRAP,BOLT STYLE,62" to SN 2539	2
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP to SN 2539	40 inches
1B	31524GT	STRAP ASSY,TANK, 66 INCH from SN 2540	
2	5397GT	WASHER, FLAT, USS, 5/16-18	14
3	4828GT	NUT, NYLOCK, 3/8-16	8
4	21141GT	GAUGE-SIGHT,LHA-LGTB*** included with tank	1
5	53353GT	TANK,HYDRAULIC,45 GALLON*** includes index numbers 4, 6, 7, 10 and 11	1
6	31506GT	STRAINER,FILLER NECK	1
7	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
8		Ref. Hydraulic Hoses and Fittings (refer to Figure 511.1)	1
9	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
9-	46014GT	FILTER,ELEMENT,BETA(6)=200	1
10	48922GT	CONN,520102-6-6	1
11	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
12	6175GT	SCREW,HHC,3/8-16 X 1	3
13	6090GT	SCREW, HHC, 1/4-20 X .75	1
14	6638GT	WASHER, FLAT, USS, 1/4"Y	2
15	6889GT	NUT,LP NYLOCK,1/4-20	1
16	45455GT	CLAMP,2.75,#44 X 1/4,RUB CUSH*	1
17	1272019GT	FILTER, FUEL	1
18	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	4
19	27089GT	HOSE,5/16 FUEL,SAE 30R7	
20	27089GT	HOSE,5/16 FUEL,SAE 30R7	
21	53023GT	FITTING,1/4 MPT 5/16 BARB	2
22	19487GT	VALVE, FUEL LOCK	1
23	30179GT	TANK STRAP,BOLT STYLE,62"	2
23-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches

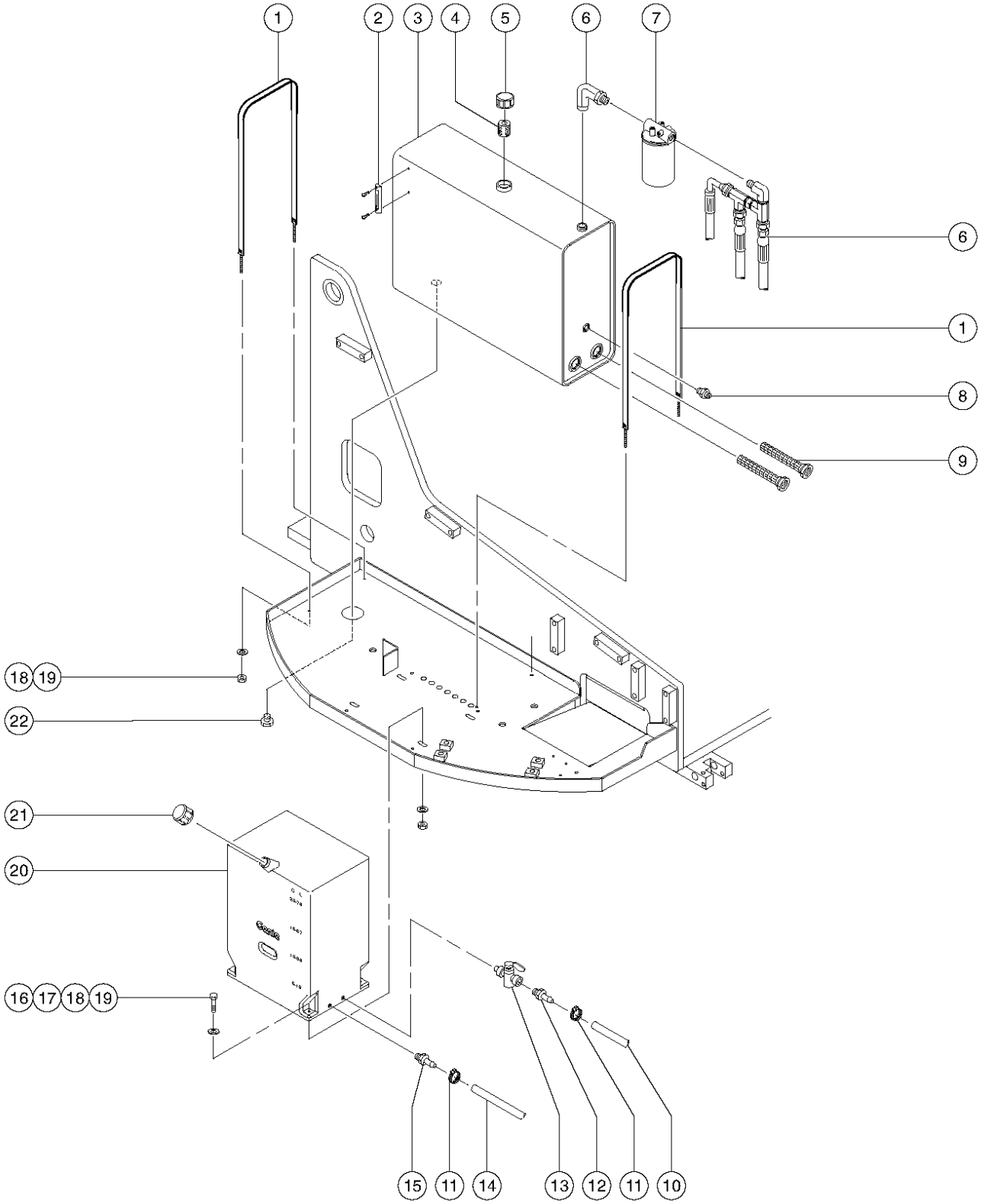
502.1 Hydraulic and Fuel Tanks - Ford Models (with metal fuel tank)



502.1 Hydraulic and Fuel Tanks - Ford Models (with metal fuel tank)

Item	Part No.	Description	Qty.
24	27089GT	HOSE,5/16 FUEL,SAE 30R7	
25	30546P-SGT	TANK,30 GALLON,PAINTED**	1
26	30584GT	GAUGE,FUEL,SIDE MOUNT	1
27	28829GT	CAP,FUEL,RED***	1
27-	58401GT	ASSY,CLIP,SPRING,CHAIN	1
28	31507GT	PLUG,SQUARE HEAD,3/4 MPT	1
29	7713GT	NUT, LP NYLOCK, 3/8-16	3
30	53120-SGT	LP.TANK BRACKET TALL WLDMNT	1
31	30275GT	HOSE ASSEMBLY,LP. 137"	1

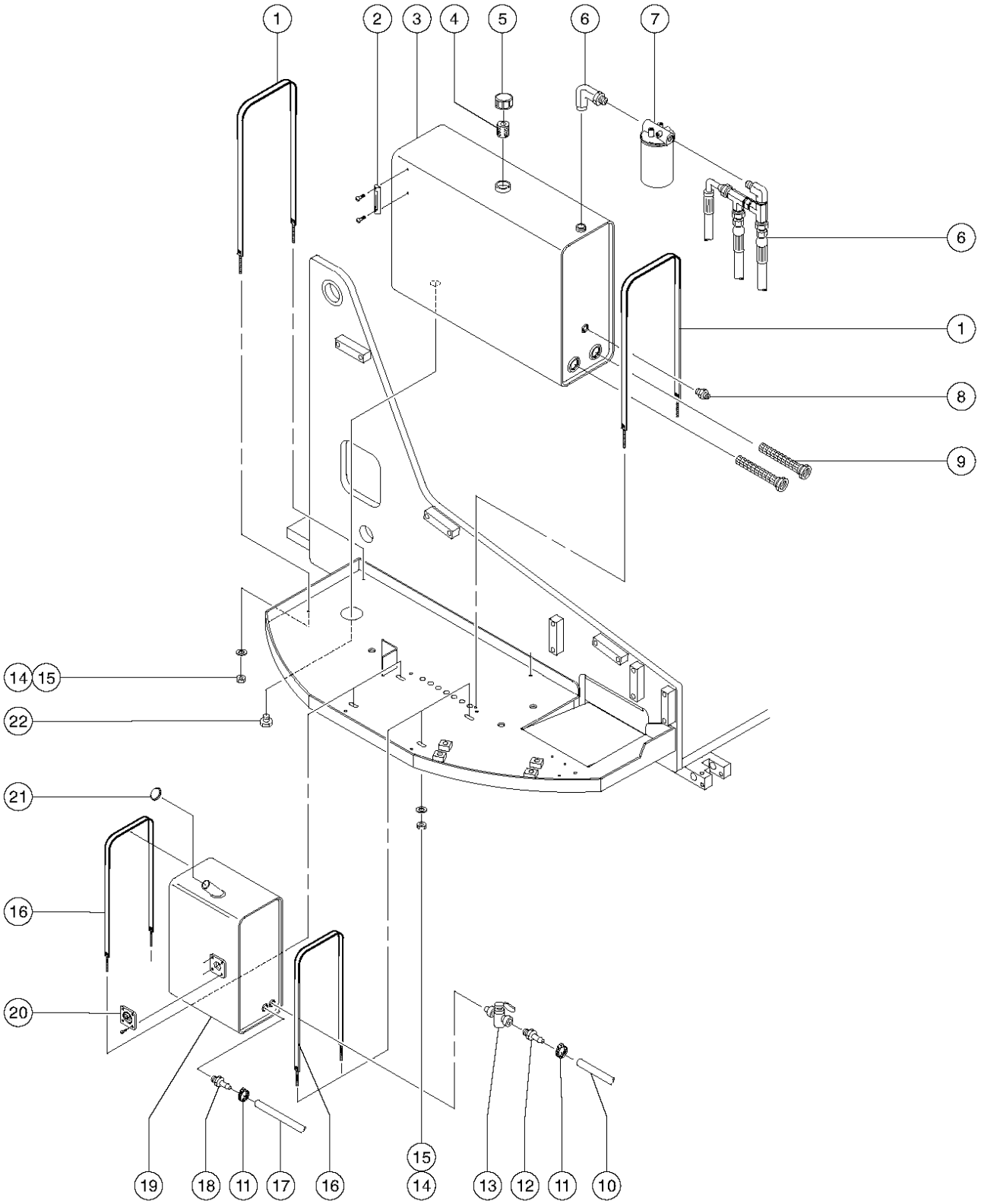
503.1 Hydraulic and Fuel Tanks - Deutz Models (with plastic fuel tank)



503.1 Hydraulic and Fuel Tanks - Deutz Models (with plastic fuel tank)

Item	*Part No.*	*Description*	*Qty.*
1	31524GT	STRAP ASSY,TANK, 66 INCH	1
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
2	21141GT	GAUGE-SIGHT,LHA-LGTB*** included with tank	1
3	53353GT	TANK,HYDRAULIC,45 GALLON*** includes index numbers 2, 5, 7, 10, and 11	1
4	31506GT	STRAINER,FILLER NECK	1
5	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
6		Ref. Hydraulic Hoses and Fittings (refer to Figure 511.1)	1
7	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
7-	46014GT	FILTER,ELEMENT,BETA(6)=200	1
8	48922GT	CONN,520102-6-6	1
9	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
10	27089GT	HOSE,5/16 FUEL,SAE 30R7	
11	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	1
12	53023GT	FITTING,1/4 MPT 5/16 BARB	1
13	19487GT	VALVE, FUEL LOCK	2
14	27089GT	HOSE,5/16 FUEL,SAE 30R7	
15	29137GT	HOSE END,MALE.25 X .25 MPT***	1
16	8178GT	SCREW, HHC, 3/8-16 X 2.5	4
17	6097GT	WASHER, FLAT, USS, 3/8", Y	4
18	5397GT	WASHER, FLAT, USS, 5/16-18	8
19	4828GT	NUT, NYLOCK, 3/8-16	8
20	65611-SGT	FUEL TANK ASSY W/CAP, 20 GAL**	8
21	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) no longer available, (replaced by 1316635)	1
21B	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1
22	31507GT	PLUG,SQUARE HEAD,3/4 MPT	1

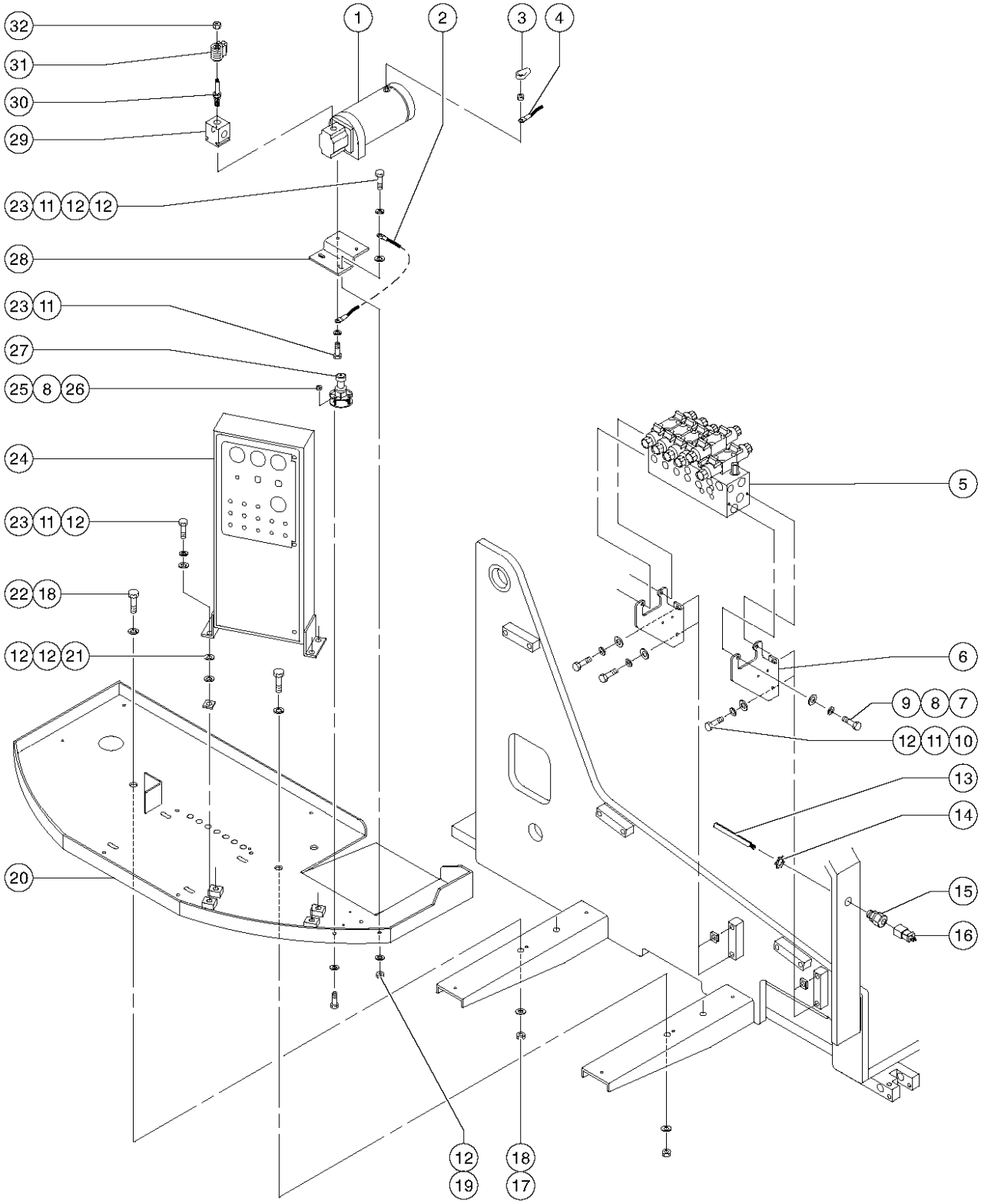
504.1 Hydraulic and Fuel Tank Deutz Models (with metal fuel tank)



504.1 Hydraulic and Fuel Tank Deutz Models (with metal fuel tank)

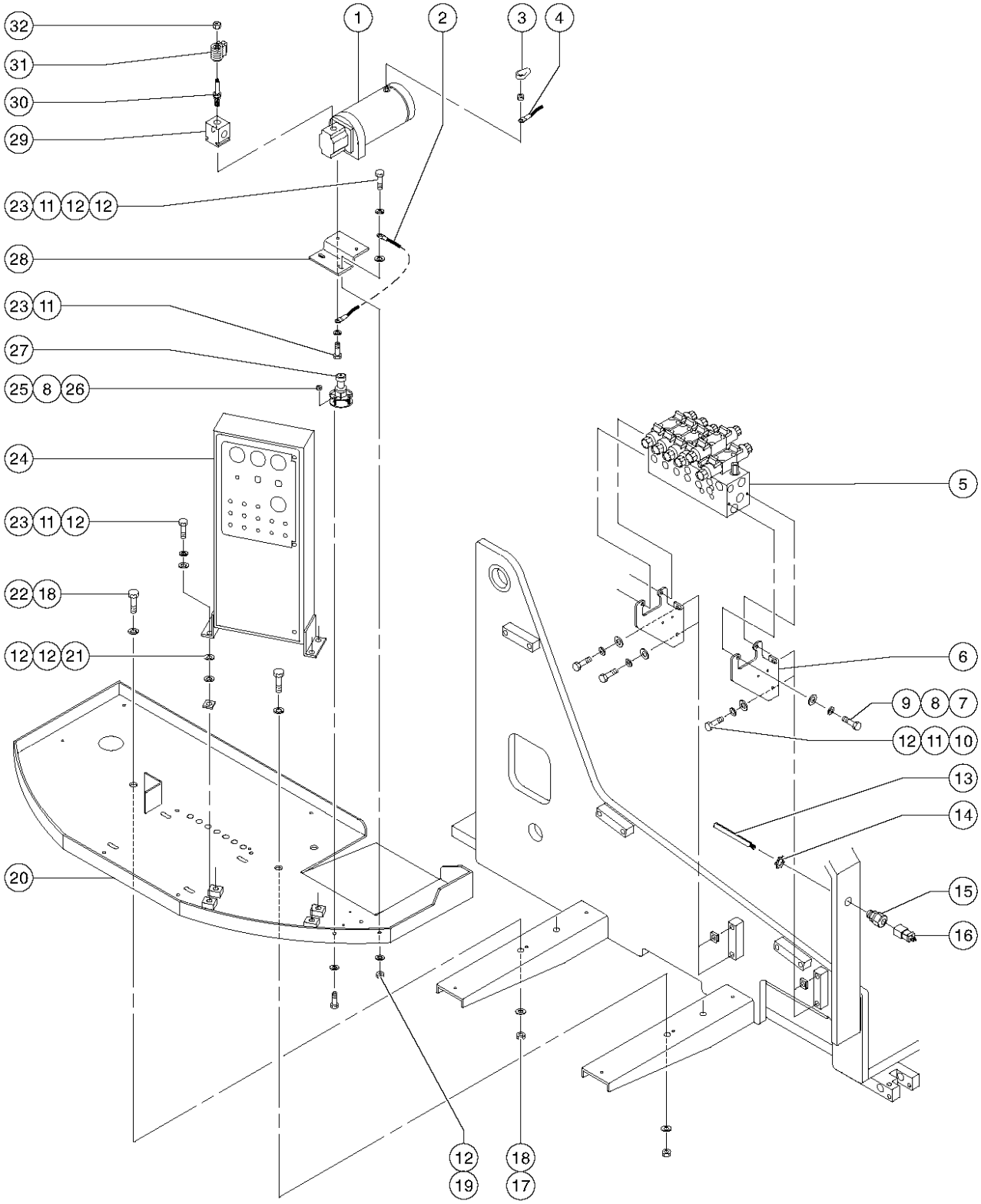
Item	Part No.	Description	Qty.
1	30179GT	TANK STRAP,BOLT STYLE,62" to SN 2539	2
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP to SN 2539	40 inches
1B	31524GT	STRAP ASSY,TANK, 66 INCH from SN 2540	
2	21141GT	GAUGE-SIGHT,LHA-LGTB***	1
3	53353GT	TANK,HYDRAULIC,45 GALLON*** includes index numbers 5, 7, 10, and 11	1
4	31506GT	STRAINER,FILLER NECK	1
5	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
6		Ref. Hydraulic Hoses and Fittings (refer to Figure 511.1)	1
7	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
7-	46014GT	FILTER,ELEMENT,BETA(6)=200	1
8	48922GT	CONN,520102-6-6	1
9	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
10	27089GT	HOSE,5/16 FUEL,SAE 30R7	
11	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	2
12	53023GT	FITTING,1/4 MPT 5/16 BARB	1
13	19487GT	VALVE, FUEL LOCK	1
14	4828GT	NUT, NYLOCK, 3/8-16	8
15	5397GT	WASHER, FLAT, USS, 5/16-18	8
16	30179GT	TANK STRAP,BOLT STYLE,62"	2
16-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
17	27089GT	HOSE,5/16 FUEL,SAE 30R7	
18	29137GT	HOSE END,MALE.25 X .25 MPT***	1
19	30546P-SGT	TANK,30 GALLON,PAINTED**	1
20	30584GT	GAUGE,FUEL,SIDE MOUNT	1
21	25567GT	CAP,FUEL,GREEN*	1
22	31507GT	PLUG,SQUARE HEAD,3/4 MPT	1

505.1 Function Manifold and Auxiliary Power Unit Installation



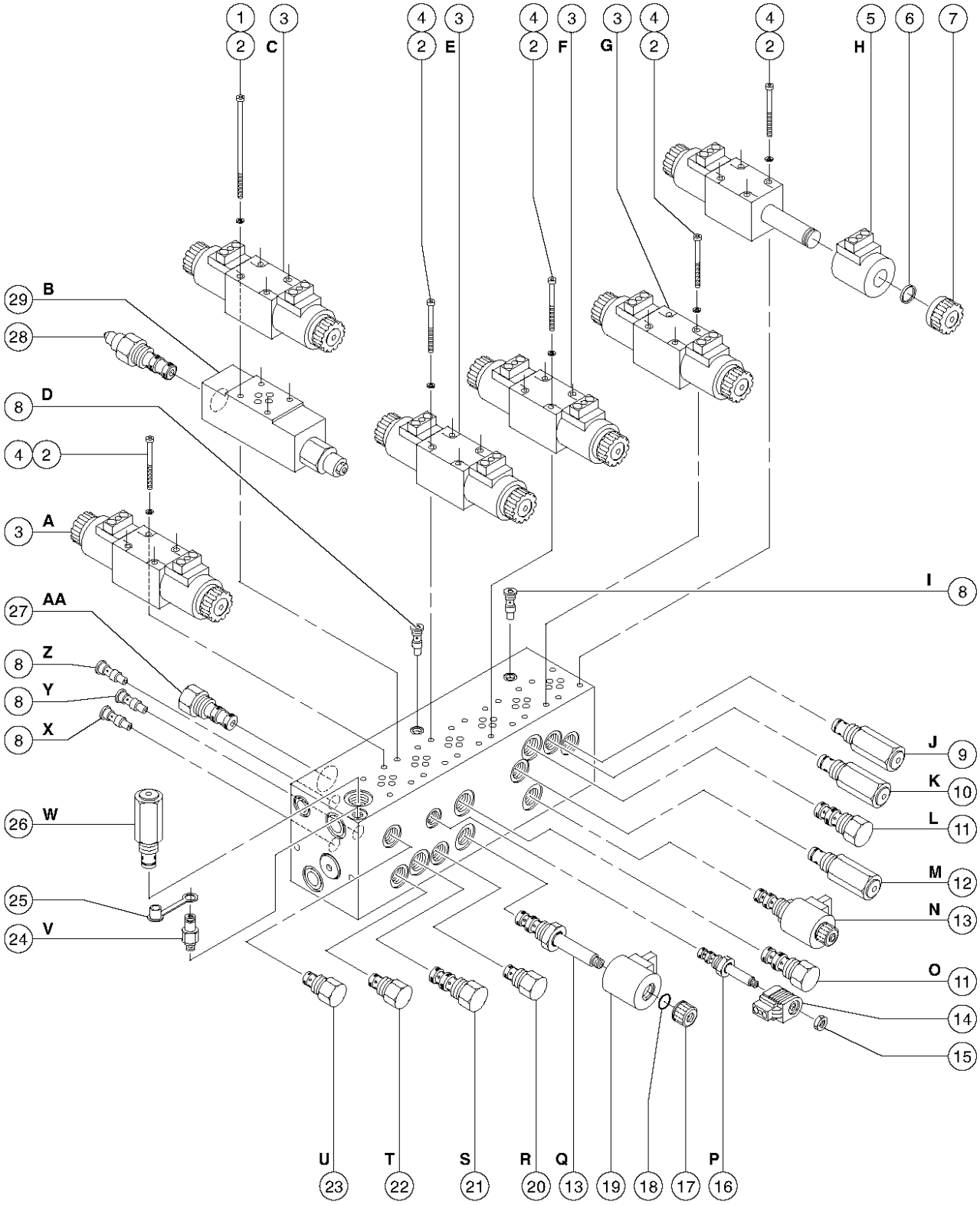
Item	Part No.	Description	Qty.
1	89620GT	POWER UNIT,AUX PUMP 12VDC includes aux pump 58489	1
1-	77069GT	MOTOR,12VDC,77066 use with APU 75754 and 89620	1
1-	62268GT	PUMP, AUX. POWER UNIT use with APU 75754	1
1-	75858GT	VALVE,CHECK ASSEMBLY use with APU 75754 and 89620	1
1-	37192GT	COUPLER, PUMP / MOTOR (36179) use with APU 75754 and 89620	1
1-	62080GT	MOTOR,12V DC,APU (53236) use with APU 53236	1
1-	29417GT	PUMP ASSY.(27648)******** use with APU 32811	1
1-	29428GT	VALVE,CHECK use with APU 32811	1
1-	29429GT	VALVE,RELIEF use with APU 32811	1
1-	29418GT	COUPLER - 27648 POWER UNIT use with APU 32811	1
2	13082GT	WELDING CABLE,#4 EXCELENE/BLK.	61 inches
3	8910GT	BOOT,CABLE TERM,MED.RED,4/0	2
4	65612GT	CABLE ASSEMBLY	1
5		Ref. Function Manifold (refer to Figure 506.1)	1
6	30229P-SGT	BRACKET,FUNCTION MANIF,PAINTED	2
7	13002GT	SCREW,HHC,5/16-18 X 1 GR5	4
8	6886GT	WASHER,LOCK,.313	4
9	6638GT	WASHER, FLAT, USS, 1/4"Y	7
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
11	6021GT	WASHER, LOCK, .375	14
12	5397GT	WASHER, FLAT, USS, 5/16-18	24
13	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	
14	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
15	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
16	6595GT	PLUG,ELECTRICAL,DOMESTIC	1
16-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	1
16-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	1

505.1 Function Manifold and Auxiliary Power Unit Installation



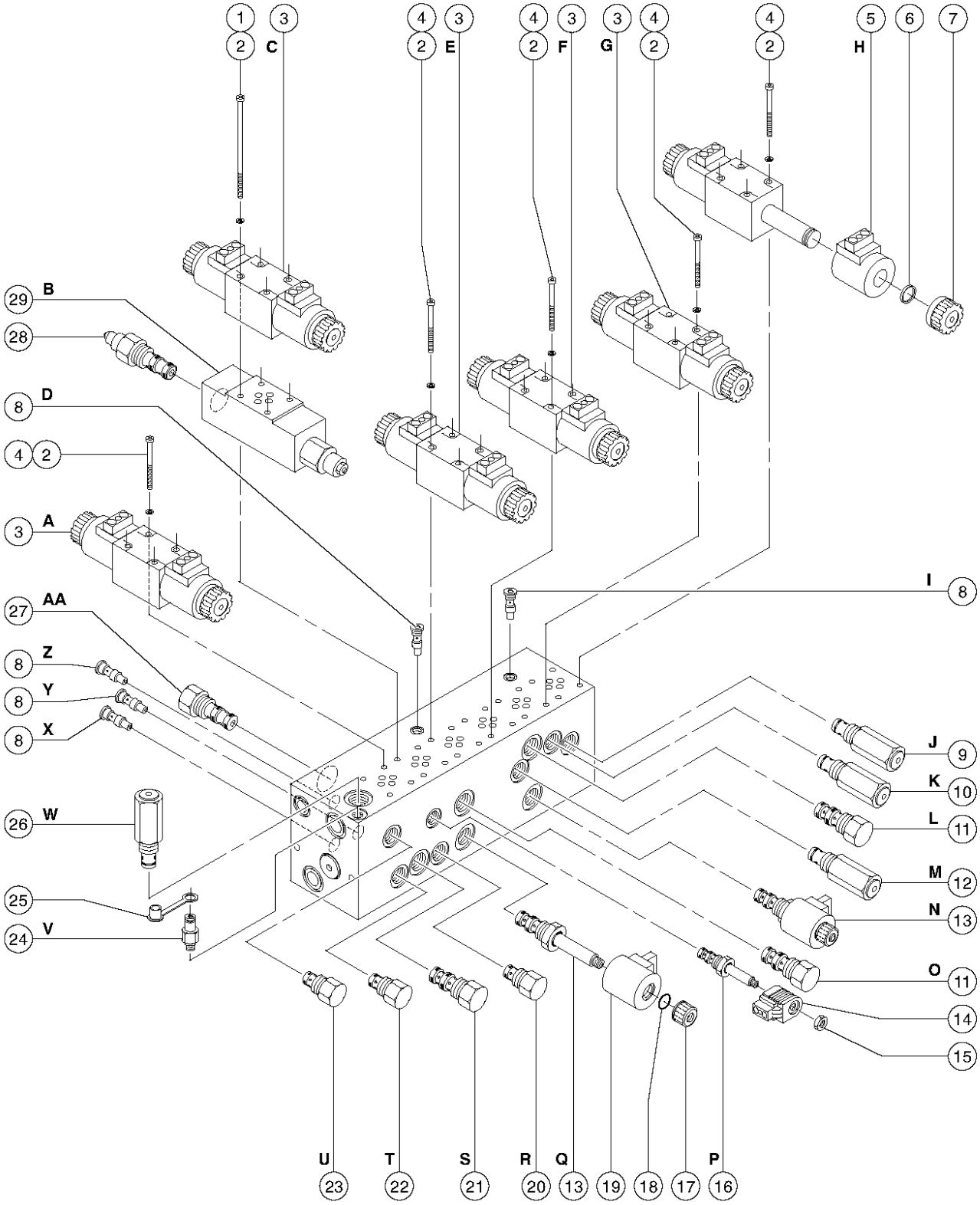
Item	Part No.	Description	Qty.
16-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	1
17	6024GT	NUT,NYLOCK,5/8-11	3
18	13064GT	WASHER,FLAT,.625 HARDENED	6
19	7713GT	NUT, LP NYLOCK, 3/8-16	2
20	30184PGT	WLDMNT,HYD.TANK MODULE PLATE** to SN 3373	1
20-	75649GT	WLDMNT,HYDRAULIC TANK MODULE from SN 3374	1
21	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	8
22	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
23	6175GT	SCREW,HHC,3/8-16 X 1	4
24		Ref. Ground Controls (refer to Figures 508.1 and 509.1)	4
25	6889GT	NUT,LP NYLOCK,1/4-20	2
26	6090GT	SCREW, HHC, 1/4-20 X .75	2
27A	44586GT	SENSOR,LEVEL 4.5*** to SN 3813	1
27B	94077GT	SENSOR,LEVEL,4.5 DEG from SN 3814	1
27B-	23083-SGT	FUSE HOLDER,WATERPROOF	1
27B-	27488GT	FUSE,1 AMP	1
27C	1260218GT	HARNESS,TILT ALARM,12V for CSA models from SN 3600	1
27D	1261449GT	ASSY,RECEP,12V,CSA TILT for CSA models with 6-pin conector from SN 3600	1
28	25855P-SGT	BRACKET,AUX PUMP MOUNT,PAINTED	1
29	30369GT	SOLENOID VALVE,N.C. 2POS. 3WAY includes index numbers 30 through 32	1
30	29066GT	VALVE,SOLENOID,10V,2POS 3WAY** includes index numbers 31 and 32	1
31	27814GT	COIL,SOLENOID,10V	1
32	45912GT	NUT,SOLENOID VALVE 2P3W	1

506.1 Function Manifold



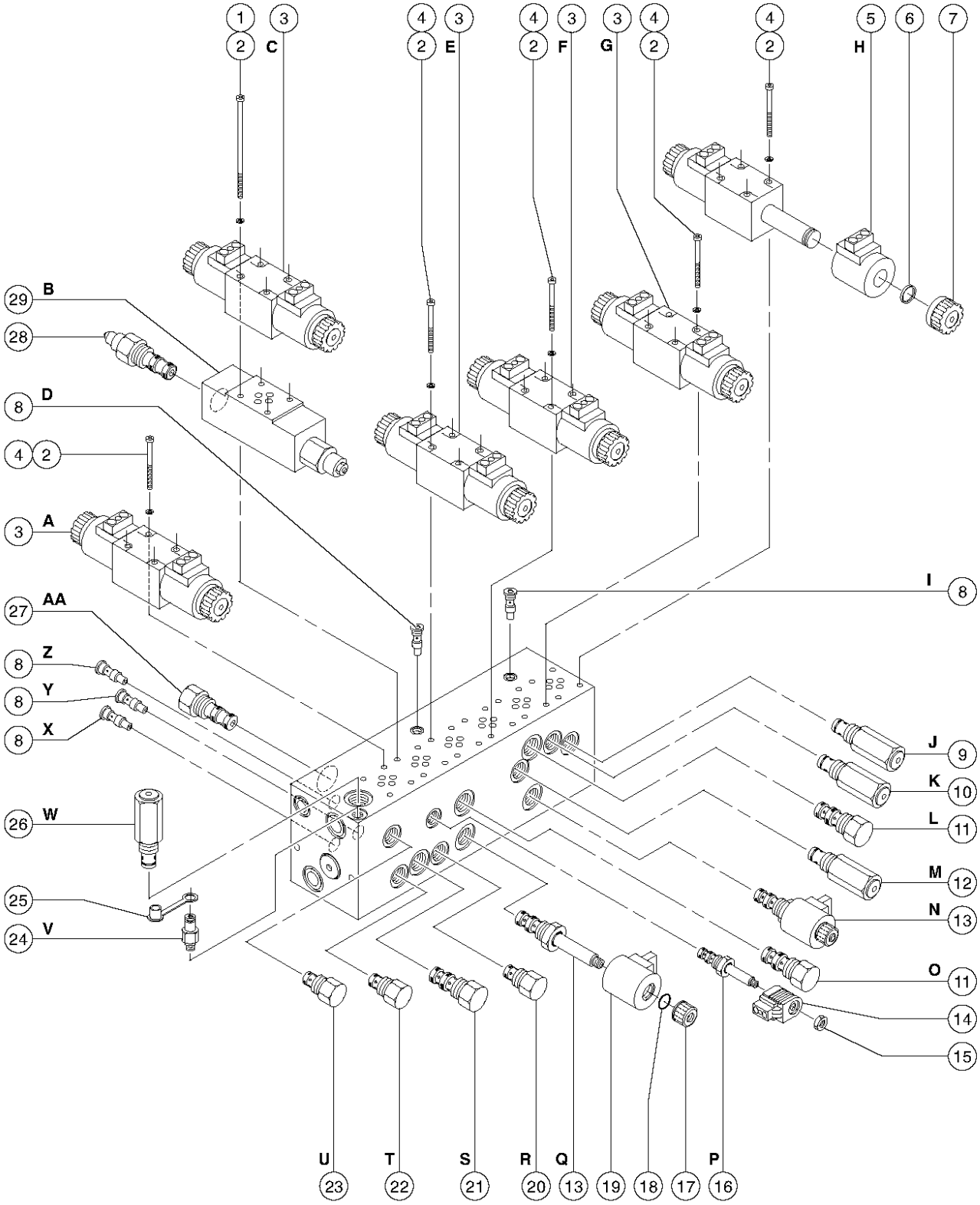
Item	Part No.	Description	Qty.
	146169GT	MANIFOLD,FUNCTION does not include index numbers 24 and 25	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	40617GT	SCREW,SHC,10-24 X 4	4
2	6607GT	WASHER,LOCK,#10 PLTD	24
3	146165GT	VALVE KIT,D03 includes two each 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 1 each 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

506.1 Function Manifold



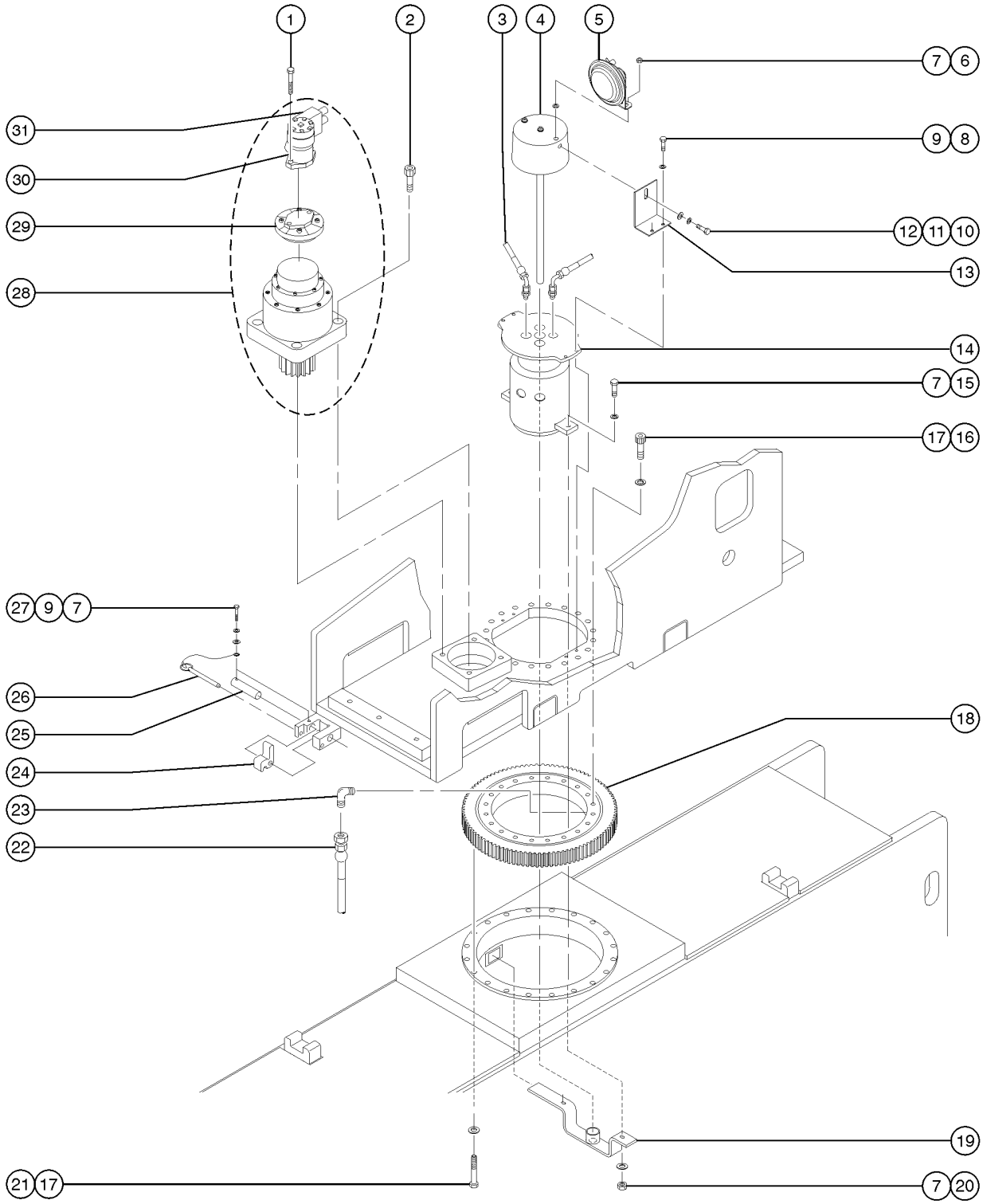
Item	Part No.	Description	Qty.
22	19470GT	VALVE,FLOW REGULATOR	1
23	32975GT	VALVE,FLOW REGULATOR 0.1 GPM	1
24	48997GT	NIPPLE,DIAGNOSTIC,#4	1
24-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
25	48880GT	CAP,DIAGNOSTIC NIPPLE	1
26	31529GT	VALVE,RELIEF 2400 PSI***	1
27	31102GT	VALVE,FLOW REGULATOR	1
28	65462GT	VALVE,COUNTERBALANCE (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	

506.1 Function Manifold



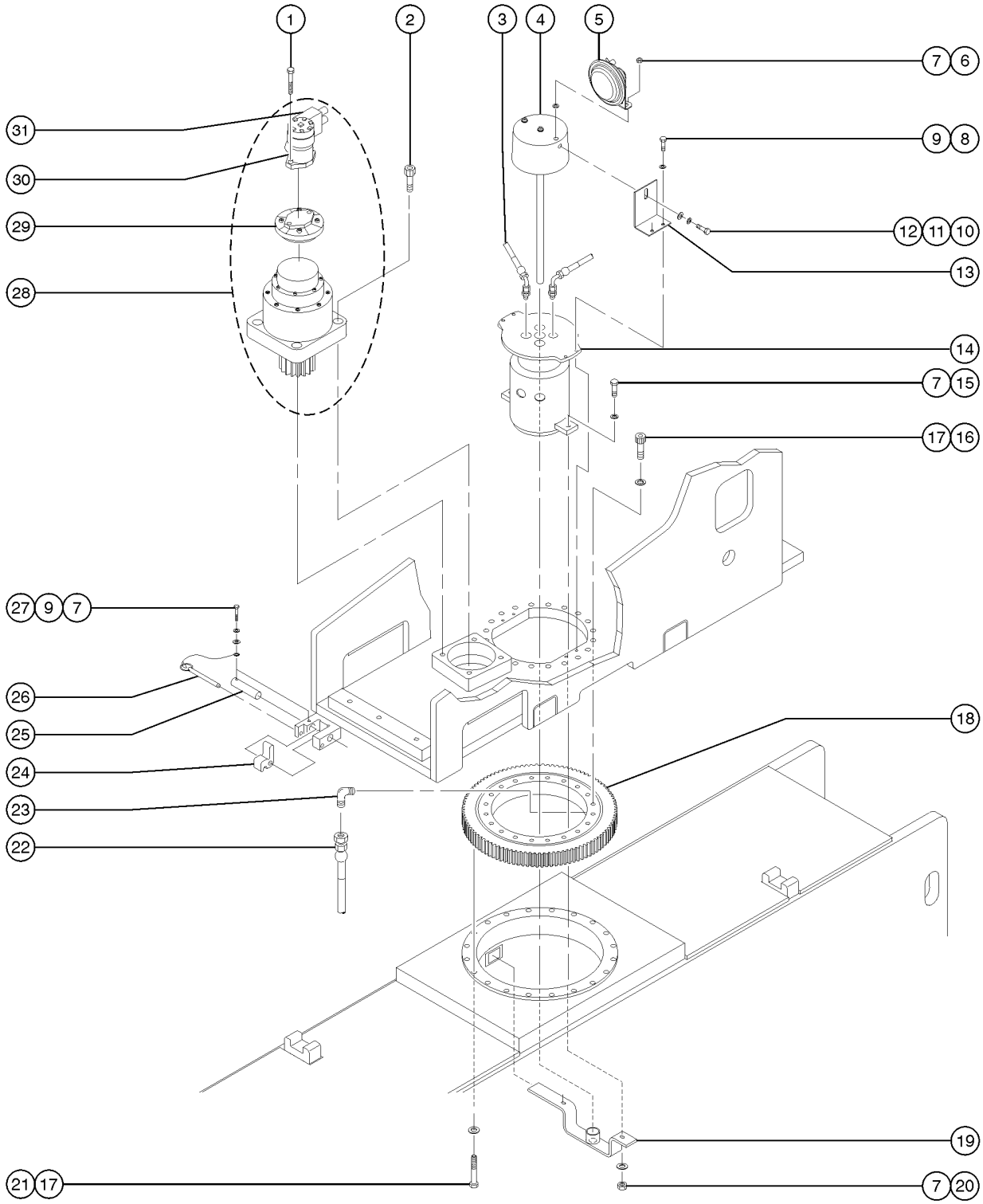
Item	*Part No.*	*Description*	*Qty.*
T		Flow Regulator Valve, 1.5 gpm (5.7 l/min) Platform Rotate/Jib Boom Circuit	
U		Flow Regulator Valve, 0.1 gpm (0.4 l/min) Bleeds off differential sensing valves to tank	
V		Diagnostic Nipple Testing	
W		Relief Valve, 2400 psi (166 bar) System Relief	
X		Check Valve 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	

507.1 Turntable Rotator and Rotary Couplers



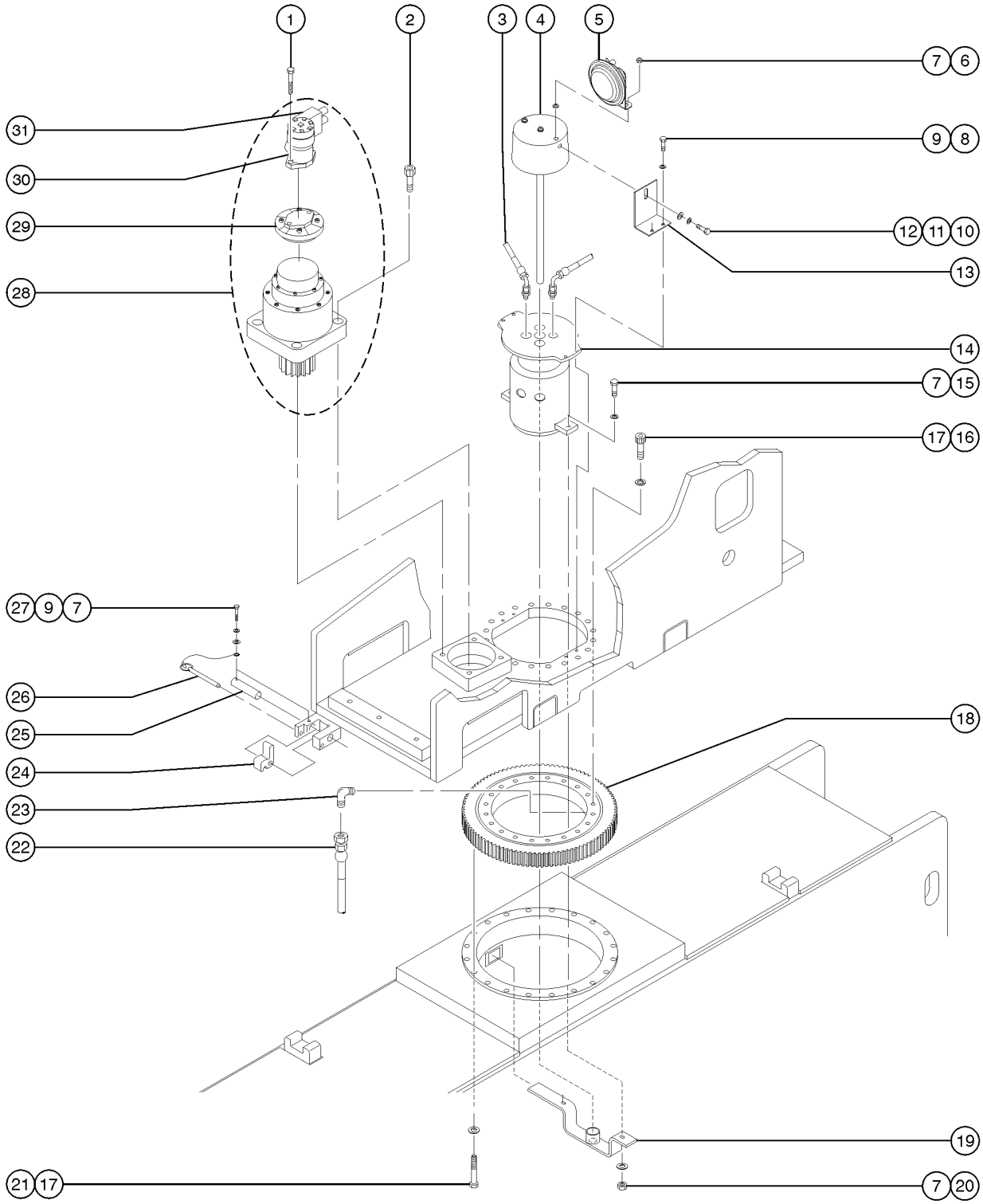
Item	Part No.	Description	Qty.
1	56843GT	SCREW,SHC,1/2-13 X 1.50,A574	4
2	73455GT	SCREW,HHC,5/8-11 X 2.25 GR8	4
3		Ref. Hydraulic Hoses & Fittings (refer to figure 508.1)	
4	25225GT	COUPLER,ELECTRIC ROTARY to SN 3456	1
4-	75575GT	COUPLER,ELECTRIC ROTARY from SN 3457	1
4-	29419GT	BRUSH & HOLDER ASSY,25225 SWIV	1
4-	29735GT	MICROSWITCH,ELECTRIC ROTARY	1
4-	29734GT	HARNESS,WIRE,ROTARY/CNTRL.BOX	1
4-	29733GT	HARNESS,WIRE,ROTARY/MANIFOLD	1
5	81578GT	HORN,12VDC,SPADE TERMINALS***	1
6	6782GT	NUT, NYLOCK, 5/16-18	
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
9	6021GT	WASHER, LOCK, .375	4
10	10587GT	SCREW,HHC,1/2-13 X.75	1
11	6033GT	WASHER,LOCK,0.5"	1
12	13066GT	WASHER,FLAT,.5 HARDENED	3
13	27654PGT	ELEC.SWIVEL LOCK ANGLE,PAINT	1
14	44369GT	HYDRAULIC SWIVEL,4 PORT,Z60 to SN 3456 (44369 no longer available; for replacement, order 1293480, below.)	1
14-	75665GT	SWIVEL,HYDRAULIC,4 PORT from SN 3457	1
14-	75697GT	SEAL KIT- COUPLER (75665)	1
14-	44613GT	SEAL KIT,SWIVEL (44369)	1
14-	29419GT	BRUSH & HOLDER ASSY,25225 SWIV	1
14-	29735GT	MICROSWITCH,ELECTRIC ROTARY	1
14-	29734GT	HARNESS,WIRE,ROTARY/CNTRL.BOX	1
14-	29733GT	HARNESS,WIRE,ROTARY/MANIFOLD	1
14-	37406GT	SEAL KIT,HYD SWIVEL (37403)	1
14B	1293480GT	SWIVEL,HYDRAULIC,4PORT,Z60,LDI	

507.1 Turntable Rotator and Rotary Couplers



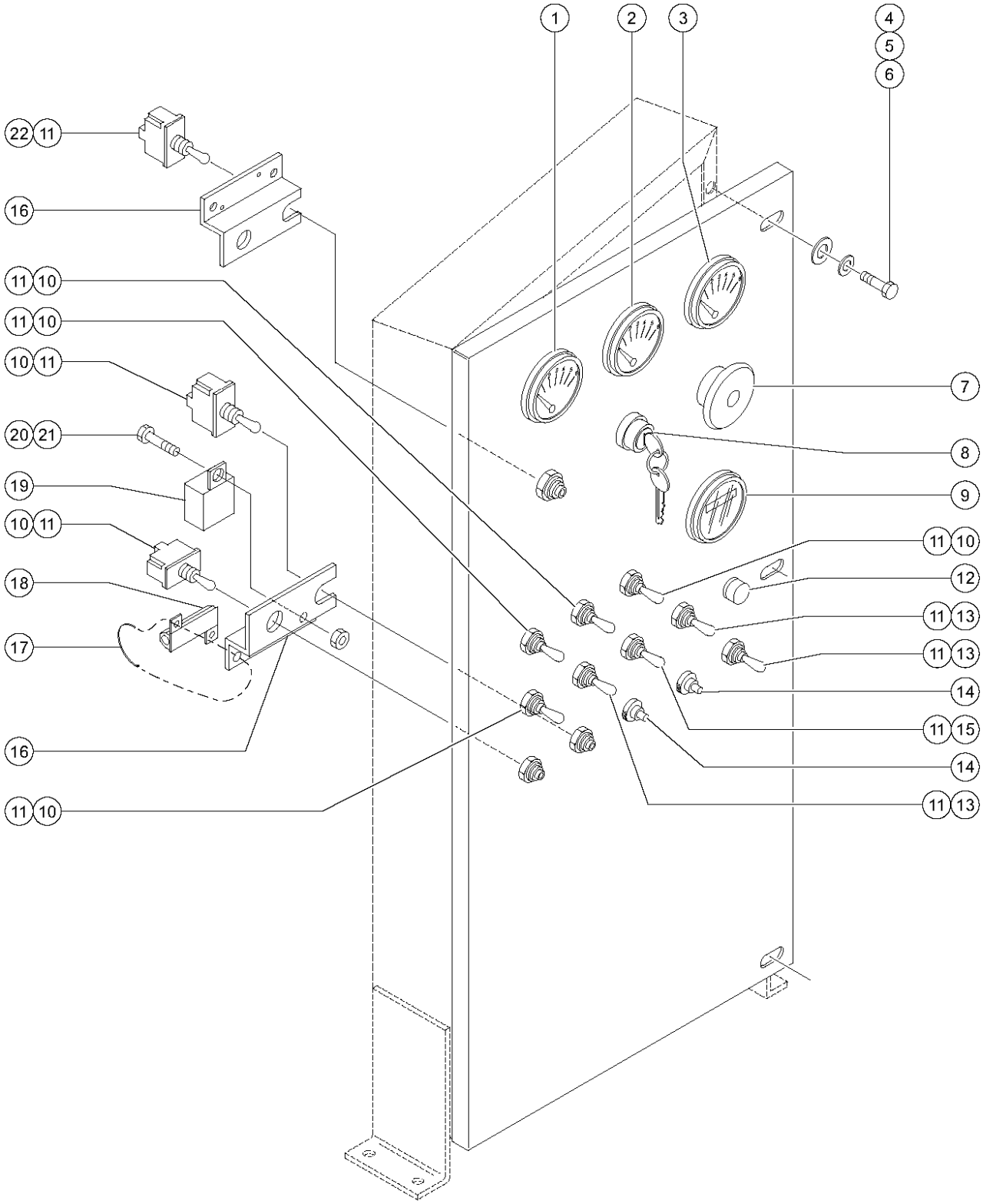
Item	Part No.	Description	Qty.
14B-	1293484GT	SEAL KIT,SWIVEL,HYD (1293480) for 1293480	
15	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
16	45066GT	SCREW,SHC,5/8-11 X 2.25	20
17	13064GT	WASHER,FLAT,.625 HARDENED	40
18	111648GT	BEARING,SERIES 3000	1
19	30262-SGT	WELDMENT,SWIVEL LOCK to SN 3456	1
19-	75760-SGT	WELDMENT, SWIVEL LOCK from SN 3457	1
20	4828GT	NUT, NYLOCK, 3/8-16	2
21	21175GT	SCREW,SHC,5/8-11 X 4,A574	20
22	49189-5438-SGT	HOSE ASSEMBLY,1/4	1
23	49520GT	FITTING,070302-4	1
24	30327PGT	PLATE,ROTATION LOCK	1
25	27728GT	PIN,1.00DIAX4.63LG,1HOLE	1
26	31281GT	ROTATION LOCK RETAINER PIN ASY	1
27	6708GT	SCREW,HHC,3/8-16 X 2.25	1
28A	53147GT	SWING DRIVE MOTOR/BRAKE ASSY** (part is obsolete but most components are available)	1
28B	81108GT	SWING DRIVE ASSEMBLY,S40/45*** (replaced 53147) (part is obsolete and most components are no longer available)	1
28C	75664GT	SWING DRIVE ASSY*** (replaced 53147; from Z60 SN 3341) (part is obsolete but components are available)	1
28D	89885GT	SWING DRIVE ASSEMBLY from SN 3341 (replaced 53147)	1
28D-	75677GT	SHAFT,OUTPUT,PINION,TURNTABLE use with 89885; from SN 3341	1
28D-	75678GT	SEAL KIT,REDUCER DRIVE TURNTAB use with 89885; from SN 3341	1
28D-	75681GT	BEARING KIT DRIVE TURN AND HUB use with 89885; from SN 3341	1
28D-	94920GT	TORQUE HUB-SWING*** Does not include brake assembly, swing motor, or manifold, not part of 89885; to SN 3340	1
28D-	22973GT	SEAL KIT,TORQUE HUB (S07) use with 94920	1
28D-	58916GT	SEAL,SHAFT use with 94920	1
28D-	31493GT	PINION GEAR use with 94920; to SN 3340	
29	75686GT	BRAKE ASSEMBLY,TURNTABLE ROT** part of 89885	1
29-	75682GT	DISC KIT DRIVE TURNTABLE Z-60* use with 75686	1

507.1 Turntable Rotator and Rotary Couplers



Item	Part No.	Description	Qty.
29-	75683GT	SPRING,DRIVE TURNTABLE*** ..... use with 75686	1
29-	62466GT	SEAL KIT,BRAKE,TURNTABLE ROT** ..... use with 75686	1
29-	29291GT	SEAL KIT,MICO	1
29-	58915GT	LINING REPAIR KIT (41915)	1
29-	31500GT	BEARING KIT,MICO	1
29-	31502GT	SPRING KIT,MICO	1
29-	73918GT	BRAKE,SWING,2800 IN/LB ..... not part of 89885; to SN 3340	1
29-	75658GT	LINING KIT,AUSCO (73918)*** ..... use with 73918, to SN 3340	1
29-	65608GT	BEARING KIT, AUSCO*** ..... use with 73918, to SN 3340	1
29-	75659GT	SEAL KIT, AUSCO (73918) ..... use with 73918, to SN 3340	1
30	58958GT	MOTOR,SWING DRIVE (53147)	1
30-	62081GT	SEAL KIT, 58958 SWING MOTOR ..... use with 58958	1
30-	75684GT	MOTOR,TURNTABLE ROTATION*** ..... part of 89885	1
30-	75685GT	SEAL KIT,MOTOR TURNTABLE*** ..... use with 75684	1
31	89800GT	MANIFOLD,TURNTABLE ROTATION*** ..... part of 89885	1
31-	75119GT	SEAL KIT,CB VALVE MANIFOLD*** ..... use with 89800	1

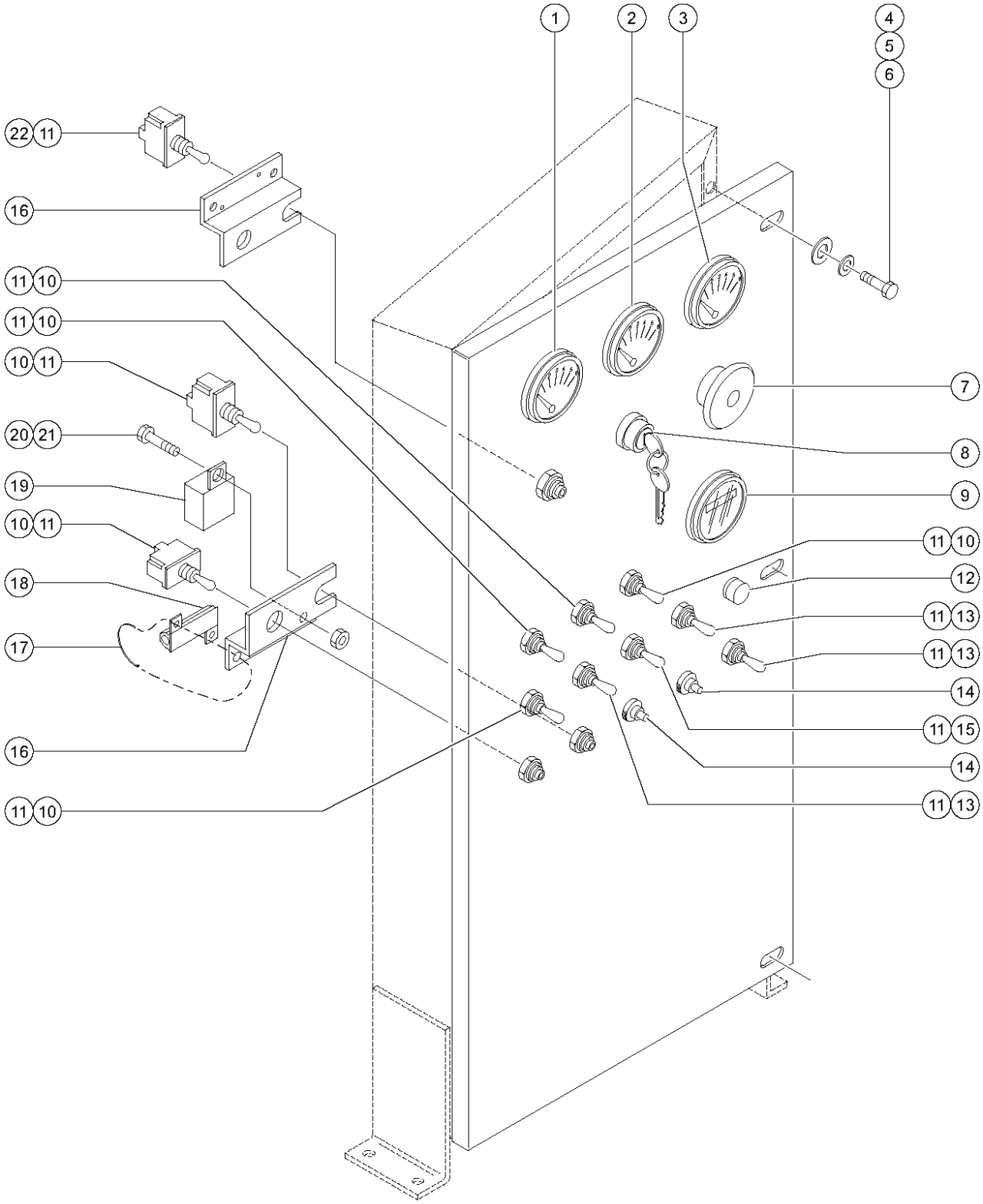
508.1 Ground Controls - View 1



508.1 Ground Controls - View 1

Item	Part No.	Description	Qty.
1	53759-SGT	GAUGE,WATER TEMP includes mounting bracket and fasteners; Ford Models	1
1-	53760-SGT	GAUGE,OIL TEMP includes mounting bracket fasteners; Deutz 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 Ford Models	1
12-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Deutz Models	1
12-	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners; Deutz Models	1
13	128200GT	SWITCH TOGGLE ASSY SPDT 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; Ford Models	1
15-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Deutz Models	1

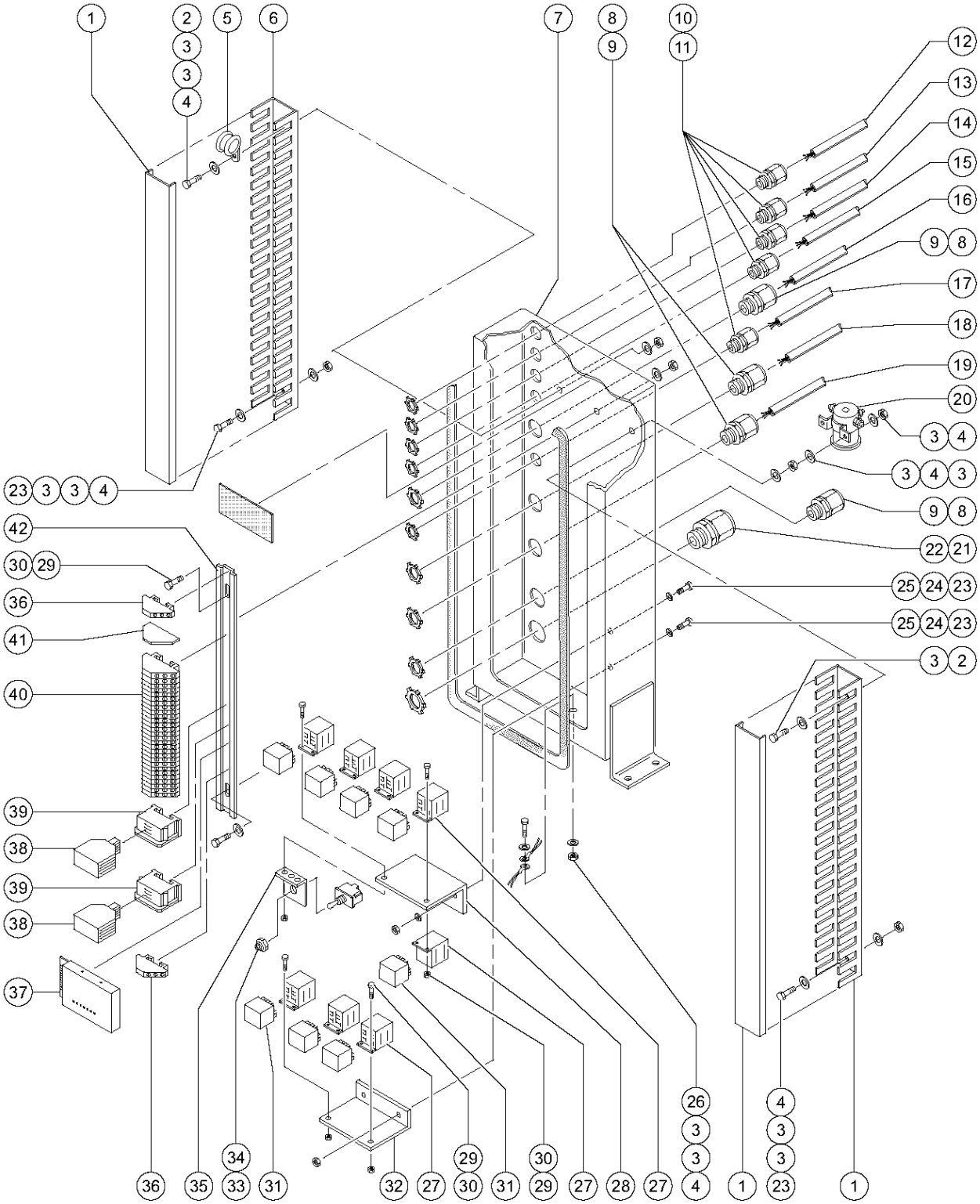
508.1 Ground Controls - View 1



508.1 Ground Controls - View 1

Item	Part No.	Description	Qty.
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

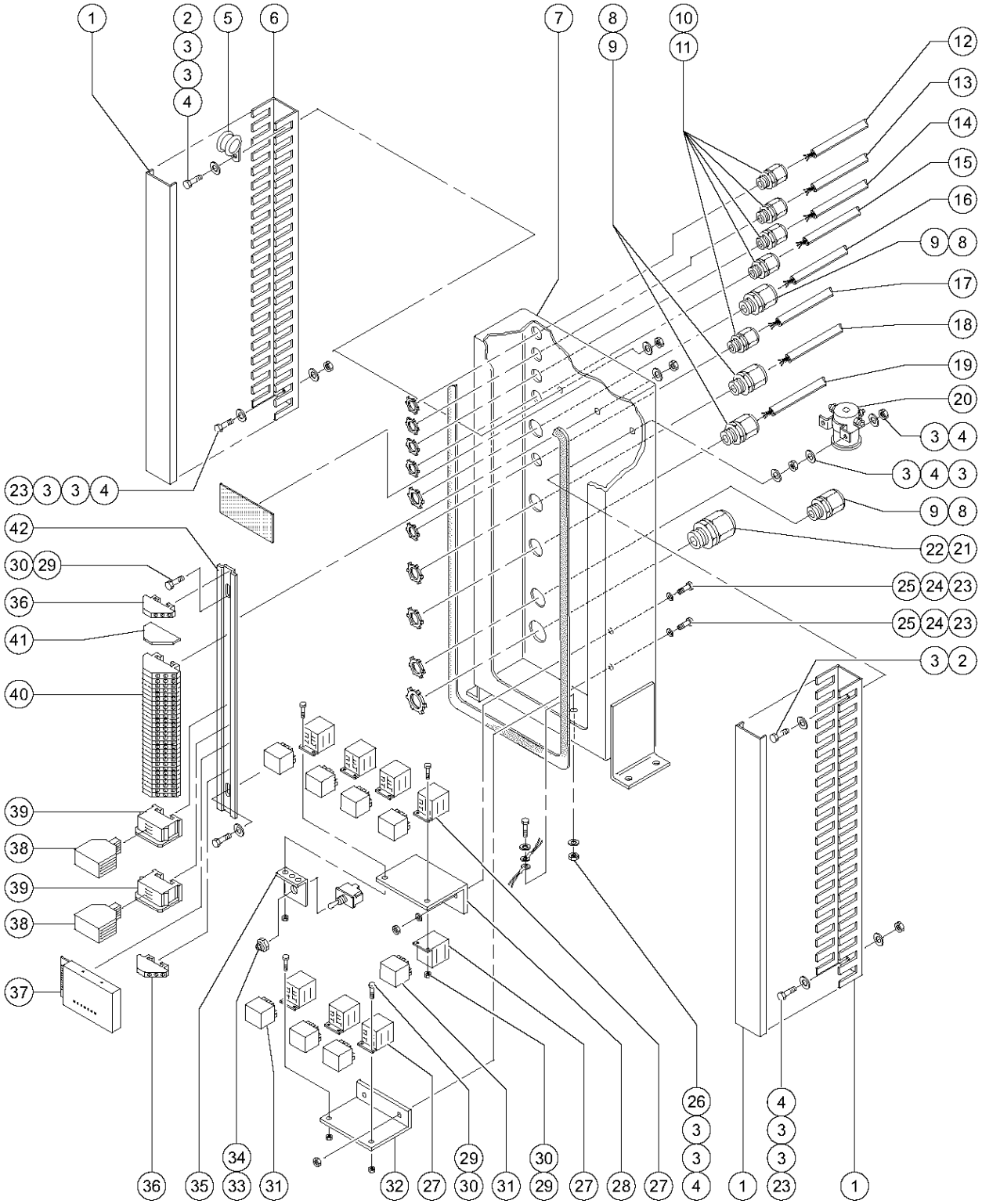
509.1 Ground Controls - View 2



509.1 Ground Controls - View 2

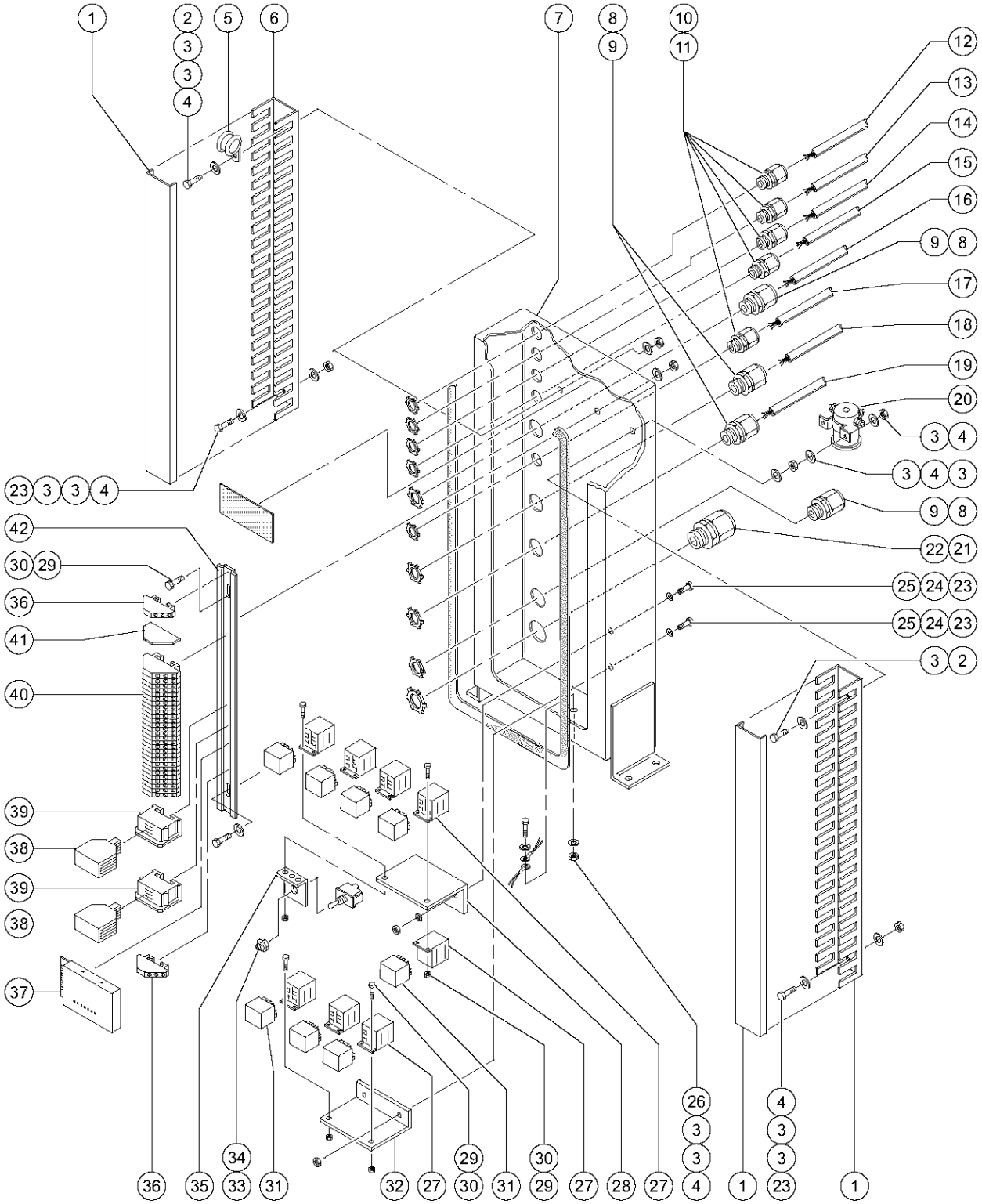
Item	Part No.	Description	Qty.
	33996GT	SCREWDRIVER,TERMINAL BLOCK	
1	1262218GT	COVER, DUCT, WIRING replaced 28299	2
2	6888GT	SCREW, HHC, 1/4-20 X 1	2
3	6638GT	WASHER, FLAT, USS, 1/4"Y	10
4	6091GT	NUT,NYLOCK,1/4-20	6
5	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
6	28298GT	WIRING DUCT, 1.5 X 1.5	2
7	35811GT	CONTROL BOX W/LID&DECAL,GRND	1
7-	121599GT	GASKET,GBOX,S80/85 2008	1
8	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	4
9	14041GT	LOCKNUT,ELECTRIC,3/4"	4
10	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	4
11	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	4
12	43960GT	WIRE CABLE,16/4 CON.TPE JKT	384 inches
13	43960GT	WIRE CABLE,16/4 CON.TPE JKT	504 inches
14	43960GT	WIRE CABLE,16/4 CON.TPE JKT	504 inches
15	1505GT	WIRE CABLE,16/2 SJO,BULK	504 inches
16	35934GT	WIRE CABLE,18/19 CON.TPRJKT	1008 inches
17	43955GT	WIRE CABLE,12/3 CON.TPE JKT	1008 inches
18	35934GT	WIRE CABLE,18/19 CON.TPRJKT	1008 inches
19	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	1044 inches

509.1 Ground Controls - View 2



Item	Part No.	Description	Qty.
20	27155GT	SOLENOID,12V CONTINUOUS*** to SN 2595	1
20-	53967GT	SOLENOID,12V CONTINOUS from SN 2596	
21	20776GT	CABLE SQUEEZE CONN	1
22	18665GT	LOCKNUT,ELECTRIC,1" NPT	1
23	8914GT	SCREW, HHC, 1/4-20 X .625	6
24	6356GT	WASHER, LOCK, .25	4
25	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	4
26	6090GT	SCREW, HHC, 1/4-20 X .75	1
27	34053GT	ASSY,RELAY SOCKET, AUTO Ford Non-oscillating Models	5
27-	34053GT	ASSY,RELAY SOCKET, AUTO Ford Oscillating Models	8
27-	34053GT	ASSY,RELAY SOCKET, AUTO Deutz Non-oscillating Models	6
27-	34053GT	ASSY,RELAY SOCKET, AUTO Deutz Oscillating Models	9
27-	34054GT	TERM,RELAY N-INSULATED 10-12 G	9
27-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	9
27-	34056GT	TERM,RELAY,N-INSULATE 18-20 GA	9
28	34057GT	ANGLE,RELAY MOUNTING	1
29	6178GT	NUT, NYLOCK, 10-32	6
30	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	6
31	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Ford Non-oscillating Models	5
31-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Ford Oscillating Models	8
31-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Deutz Non-oscillating Models	6
31-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Deutz Oscillating Models	9
32	34057GT	ANGLE,RELAY MOUNTING Oscillating Models	1
33	27246GT	BOOT,TOGGLE SWITCH,SHORT* Ford Models	1
34	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Ford Models	1
35	49743GT	BRACKET,TOGGLE SWITCH Ford Models	1
36	25974GT	PLASTIC END STOP	2
37	56057GT	MODULE,IGNITION/START,12/24V	1

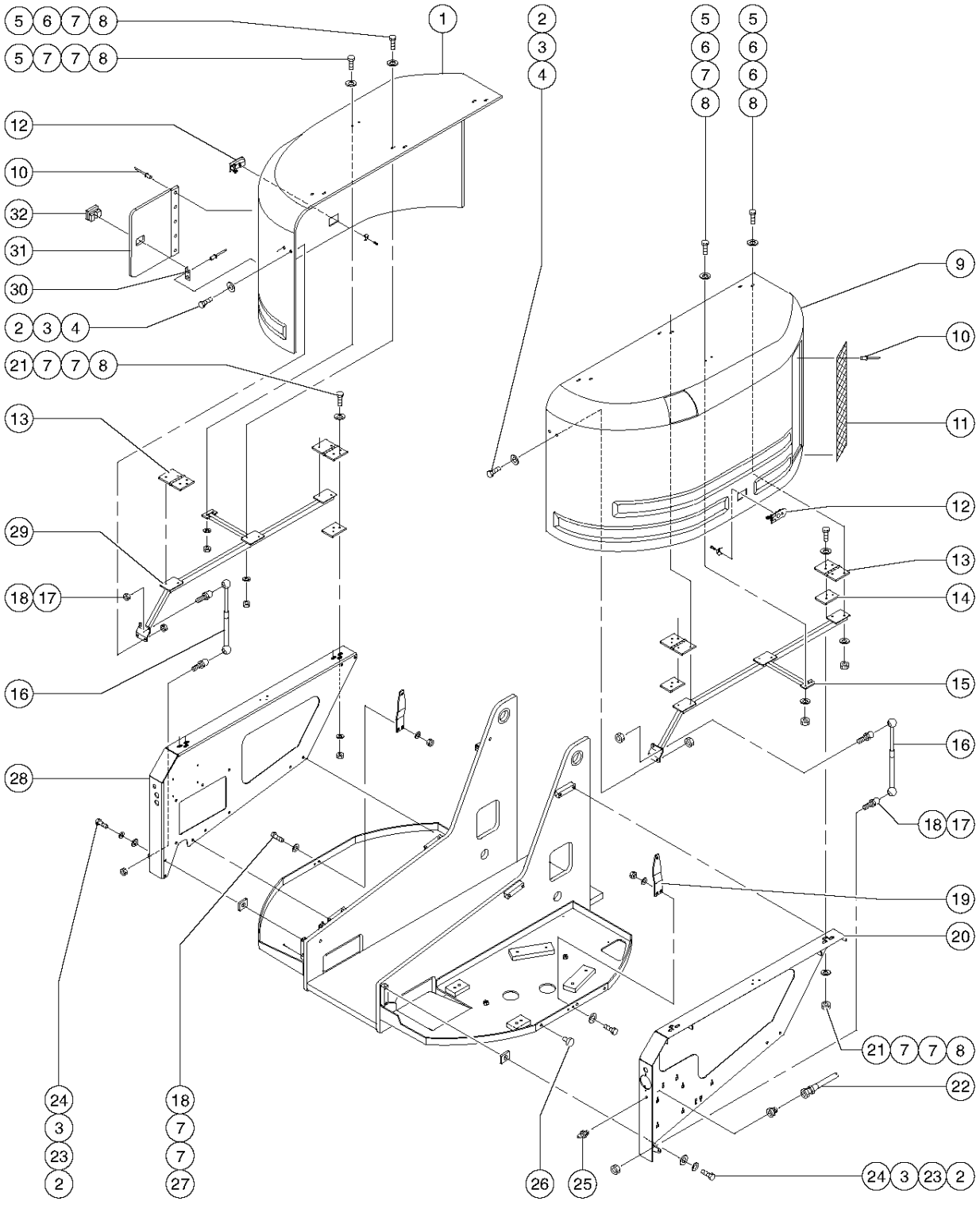
509.1 Ground Controls - View 2



509.1 Ground Controls - View 2

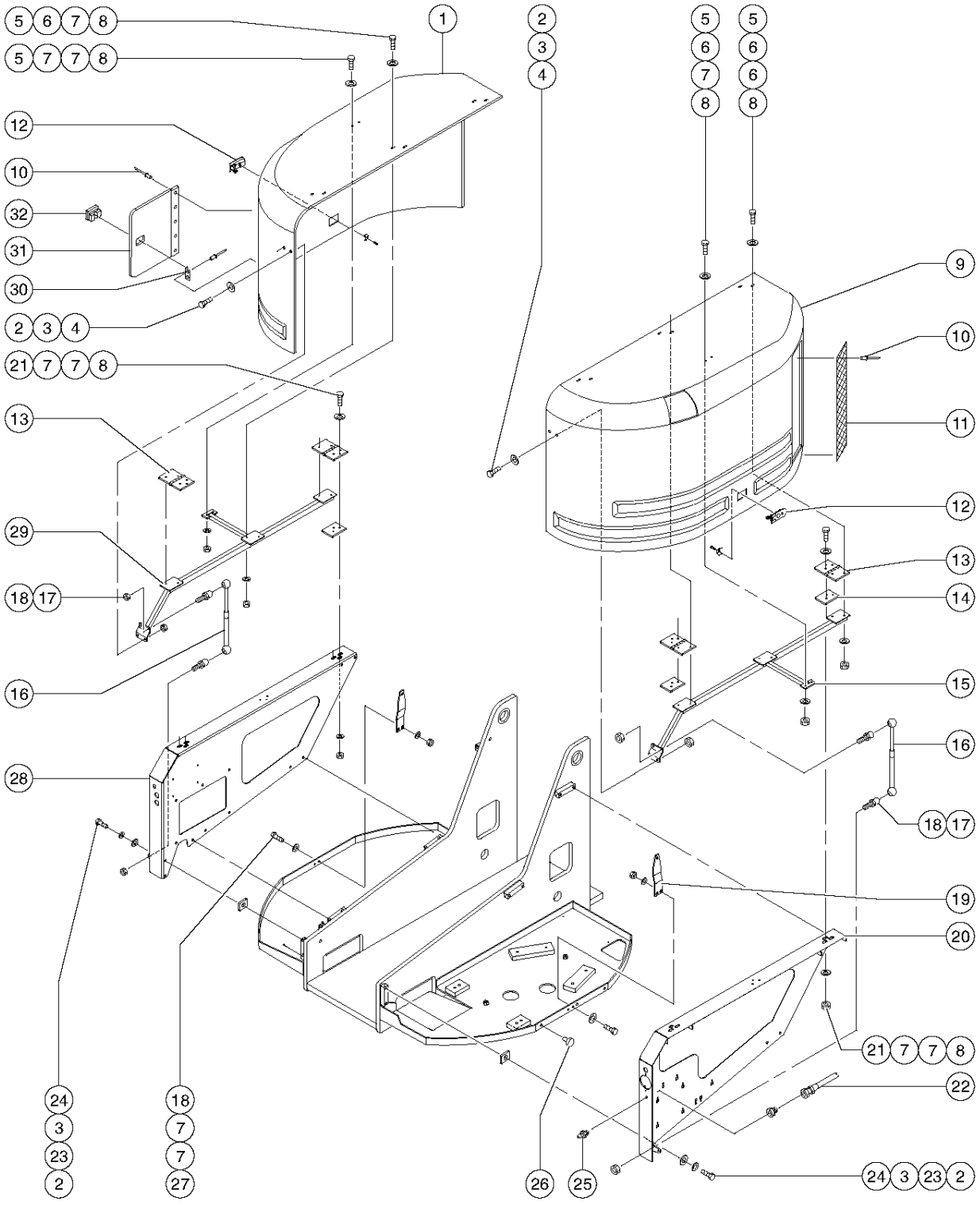
Item	Part No.	Description	Qty.
38	25807GT	DIODE BLOCK SUPPRESSION	2
39	25808GT	CARRIER TERMINAL(5 PER BLOCK)	2
40	32637GT	TERMINAL BLOCK,WAGO	44
40-	32638GT	TERMINAL BLOCK,WAGO	2
41	25837GT	TERMINAL STRIP END PLATE	1
42	28310GT	DIN RAIL,23.75"	1

510.1 Turntable Covers

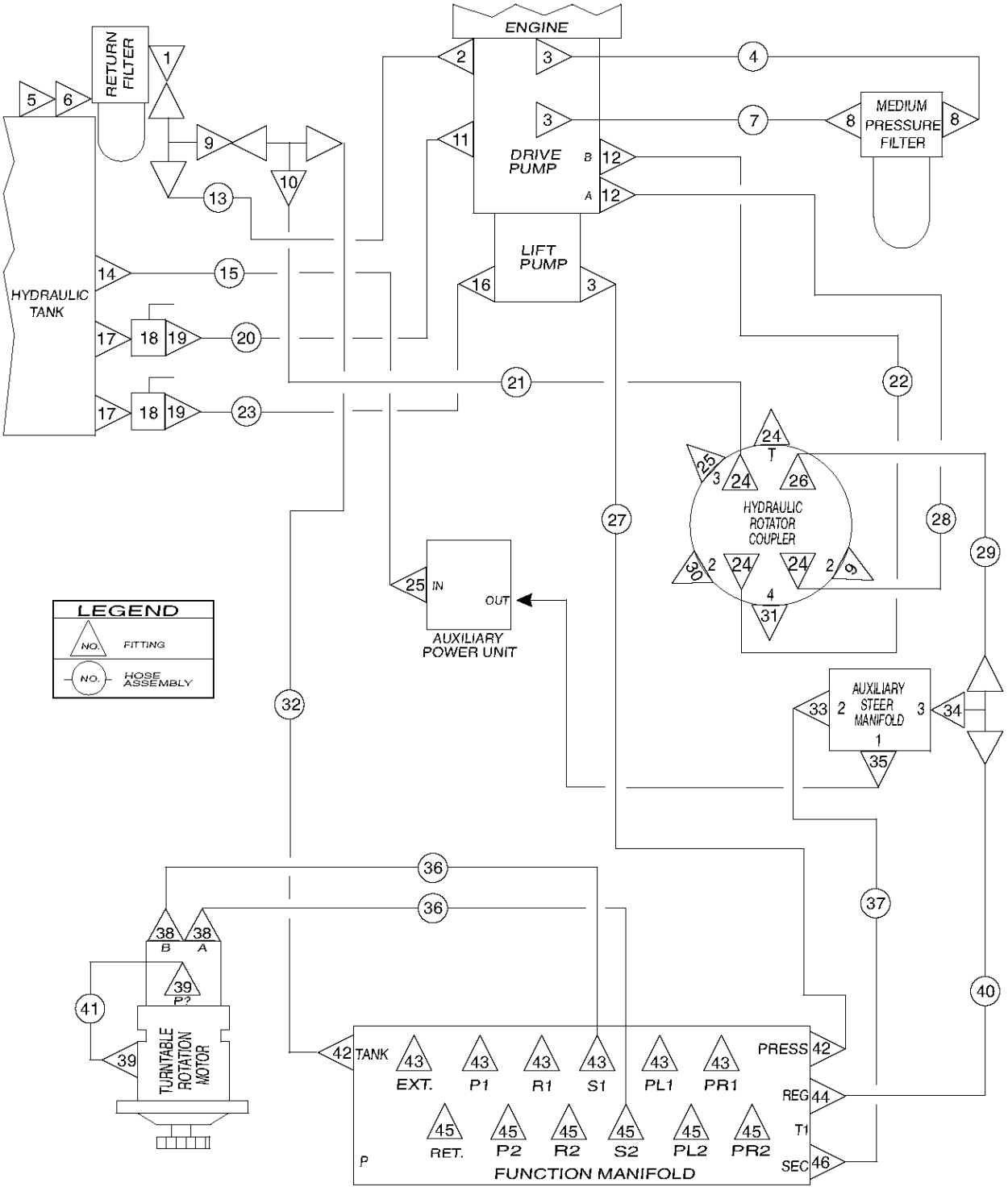


Item	Part No.	Description	Qty.
1	58027GT	COVER ASSY.L.H.TANK SIDE includes index numbers 10, 12 and 30 through 32; to SN 2320	1
1-	58141GT	COVER ASSY, LH, TANK SIDE includes index numbers 10, 12, and 30 through 32; from SN 2321	1
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
3	5397GT	WASHER, FLAT, USS, 5/16-18	8
4	4828GT	NUT, NYLOCK, 3/8-16	8
5	6888GT	SCREW, HHC, 1/4-20 X 1	16
6	12906GT	WASHER,FENDER,.25 X 1.25 X.062	28
7	6638GT	WASHER, FLAT, USS, 1/4"Y	48
8	6091GT	NUT,NYLOCK,1/4-20	34
9	58025GT	COVER ASSY.R.H.ENGINE GAS Ford Models; includes index numbers 10 through 12; to SN 2320	1
9-	58139GT	COVER ASSY, RH, ENGINE, Ford Models; includes index numbers 10 through 12; from SN 2321	1
9-	58026GT	COVER ASSY.R.H.ENGINE DIESEL Deutz Models; includes index numbers 10 through 12; to SN 2320	1
9-	58140GT	COVER ASSY, RH, ENGINE, DIESEL Deutz Models; includes index numbers 10 through 12; from SN 2321	1
10	53189GT	RIVET,ALUM,ALUM,P,.25X.375	23
11	53564-SGT	AIR INTAKE SCREEN, GRAY Deutz Models	1
11-	49618-SGT	AIR INTAKE FRAME.GRAY Ford Models	1
12	49536GT	LATCH,TURNTABLE FLUSH STYLE to SN 2320	2
12-	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS* includes mounting fasteners; from SN 2321	2
12-	29314GT	KEY,LATCH, 1 PAIR (28125)	1
13	75073GT	HINGE,.375X.120THK.,SLOTTED	4
14	53707GT	HINGE SPACER	4
15	53523-SGT	COVER REINFORCEMENT, R.H.	1
16	30391GT	GAS STRUT,200 LBS.FORCE	2
16-	27377GT	RETAINER,GAS SPRING***	2
17	27114GT	BALL STUD,1/2" BALL,3/8-16X1.2	4
18	6782GT	NUT, NYLOCK, 5/16-18	8
19	49535P-SGT	PLATE,LATCH,BLUE,PAINTED	2
20	89625GT	WELDMENT,BULKHEAD,RT SIDE	1

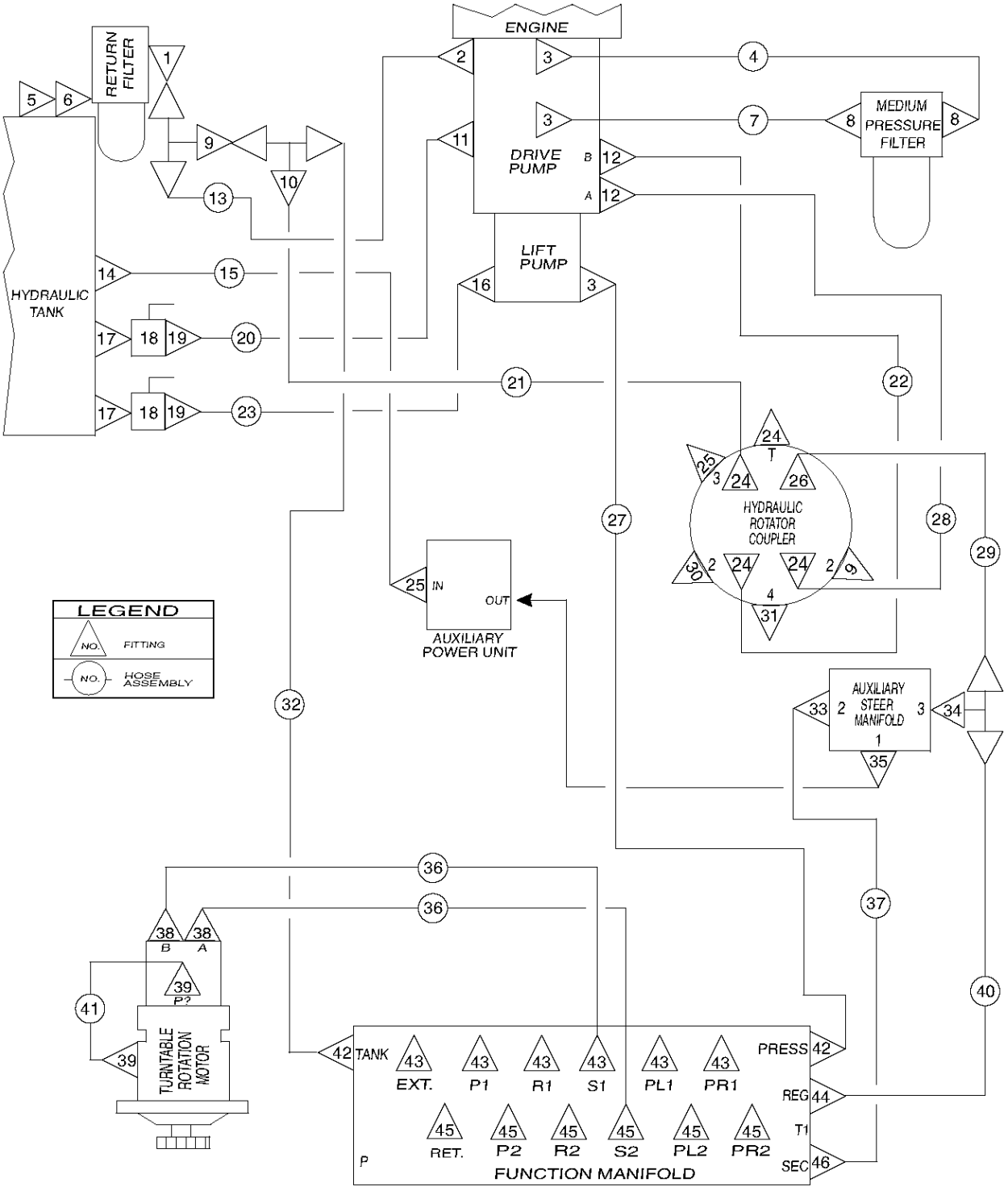
510.1 Turntable Covers



Item	Part No.	Description	Qty.
21	6145GT	SCREW, HHC, 1/4-20 X 1.5	18
22	31478GT	HOSE ASSY,54"	1
23	6021GT	WASHER, LOCK, .375	4
24	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
25	30430GT	BULKHEAD,FEMALE X 4	1
25-	28646GT	ZERK,GREASE,1/8 NPT	1
26	34619GT	BUMPER,RUBBER***	6
27	13002GT	SCREW,HHC,5/16-18 X 1 GR5	4
28	89629GT	WELDMENT,BULKHEAD,LEFT SIDE	1
29	53524-SGT	COVER REINFORCEMENT, L.H.	1
30	49534GT	DOOR LATCH,BASE CONTROL BOX	1
31	46612GT	COV. ASSY GRND.CONT.S40/60/80 includes index number 10, 30 and 32	1
32	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	1

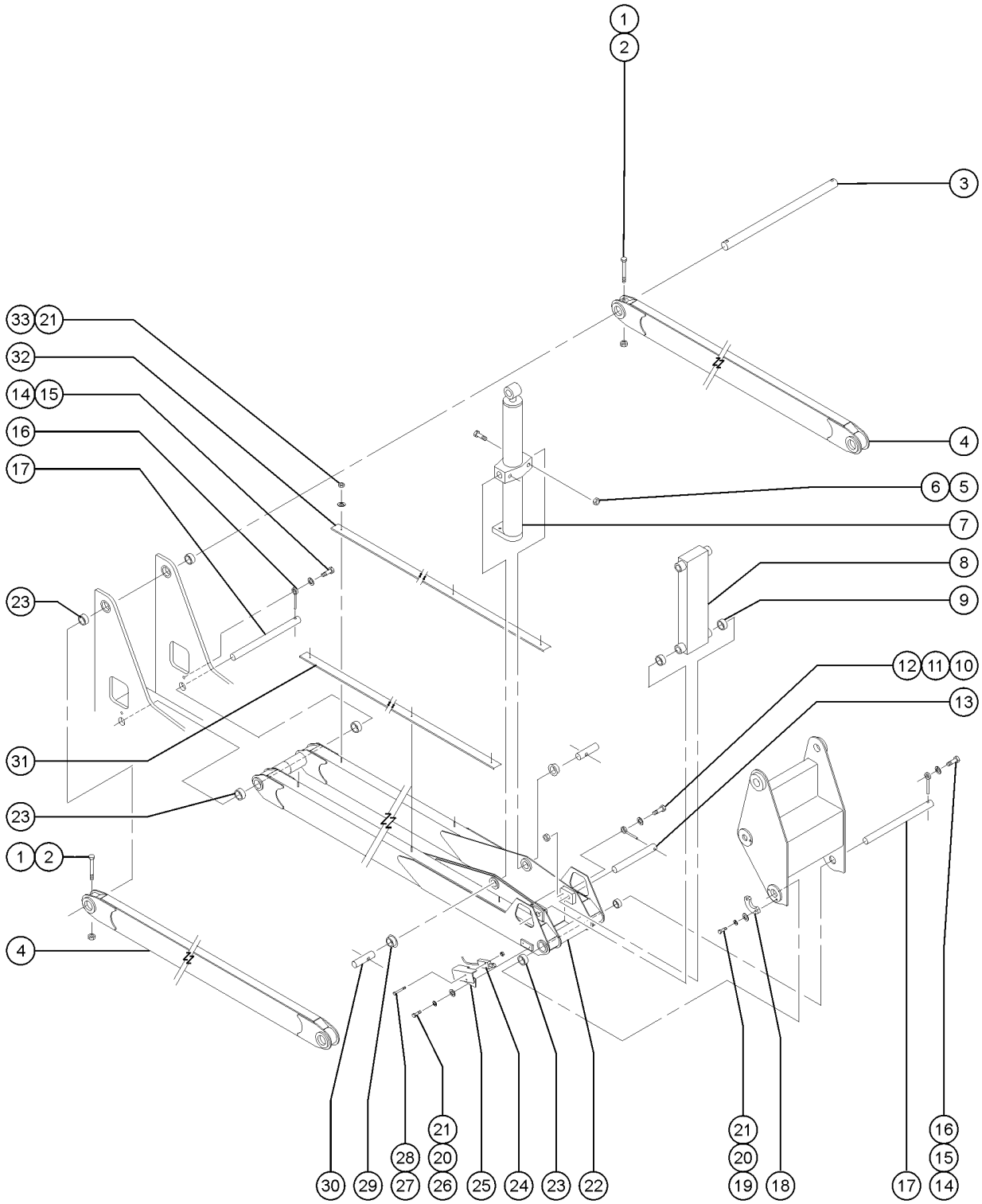

ENGINE
RETURN FILTER
HYDRAULIC TANK
DRIVE PUMP
LIFT PUMP
MEDIUM PRESSURE FILTER
HYDRAULIC ROTATOR COUPLER
AUXILIARY POWER UNIT
AUXILIARY STEER MANIFOLD
TURNTABLE ROTATION MOTOR
FUNCTION MANIFOLD
TANK
PRESS
REG
T1
SEC
EXT.
P1
R1
S1
PL1
PR1
RET.
P2
R2
S2
PL2
PR2
LEGEND
FITTING
HOSE ASSEMBLY

Item	Part No.	Description	Qty.
	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	49515GT	ELBOW,90D,520202-12-16	1
2	48960GT	FITTING,CONN,520120-12***	1
3	48946GT	CONN,520120-8-10	3
4	49143-3229-SGT	HOSE ASSY,1/2,90 FEM,STR FEM	1
5	49512GT	ELBOW,90DEG,FEM,1"NPT	1
6	49513GT	ADAPTER,PIPE NIPPLE	1
7	49143-2954-SGT	HOSE ASSY,1/2,90 FEM,STR FEM	1
8	48947GT	ELBOW,90D,520220-8-12 to SN 3395	1
8-	48932GT	FITTING,ELBOW,90D,520220-8*** from SN 3396	1
9	48947GT	ELBOW,90D,520220-8-12	1
10	48964GT	TEE,RUN,SWIVEL,520432-12	2
11	48985GT	ELBOW,45D,520320-16	1
12	48978GT	ELBOW,45D,520320-12-16	2
13	49150-9205-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
14	48922GT	CONN,520102-6-6	1
15	49126-2233-SGT	HOSE ASSY,3/8,45 FEM,STR FEM	1
16	48992GT	ELBOW,45D,520320-16-12	1
17	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
18	48994GT	VALVE,BALL,16 MPT-16 FPT***	2
19	48986GT	CONN,520102-16	2
20	49170-5104-SGT	HOSE ASSEMBLY,1	1
21	49150-7005-SGT	HOSE ASSY,3/4,90 FEM,STR FEM	1
22	53713-5402-SGT	HOSE ASSEMBLY 3/4"	1
23	49170-5704-SGT	HOSE ASSEMBLY,1	1


ENGINE
RETURN FILTER
HYDRAULIC TANK
DRIVE PUMP
LIFT PUMP
MEDIUM PRESSURE FILTER
HYDRAULIC ROTATOR COUPLER
AUXILIARY POWER UNIT
AUXILIARY STEER MANIFOLD
TURNTABLE ROTATION MOTOR
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TANK
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T1
SEC
EXT.
P1
R1
S1
PL1
PR1
RET.
P2
R2
S2
PL2
PR2
LEGEND
FITTING
HOSE ASSEMBLY

Item	Part No.	Description	Qty.
24	48977GT	CONN,520120-12-16	4
25	48929GT	FITTING,ELBOW,90D,520220-6-8	2
26	48933GT	CONN,520120-8***	1
27	49162-7303-SGT	HOSE ASSEMBLY,1/2	1
28	53714-5541-SGT	HOSE ASSEMBLY 3/4"	1
29	49146-6558-SGT	HOSE ASSEMBLY,1/2	1
30	48959GT	FITTING,ELBOW,90D,520220-12	1
31	48963GT	FITTING,ELBOW,45D,520320-12***	1
32	49142-1962-SGT	HOSE ASSEMBLY,1/2"	1
33	48915GT	ELBOW,90D,520220-6	1
34	48919GT	TEE,BRANCH,520429-6	1
35	49205GT	UNION,STR.THREAD-6	1
36	49118-4758-SGT	HOSE ASSEMBLY,1/4	2
37	49128-1159-SGT	HOSE ASSY,3/8,90 FEM,STR FEM	1
38	48911GT	ELBOW,90D,520220-4-6***	2
39	48905GT	CONNECTOR, 520120-4	2
40	49128-1559-SGT	HOSE ASSEMBLY,3/8	1
41	49117-2591GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
42	48932GT	FITTING,ELBOW,90D,520220-8***	2
43	48917GT	CONN,LONG,520122-6	6
44	49511GT	VALVE,CHECK	1
45	48916GT	CONN, 520120-6	6
46	48930GT	CONN,520120-6-8	1

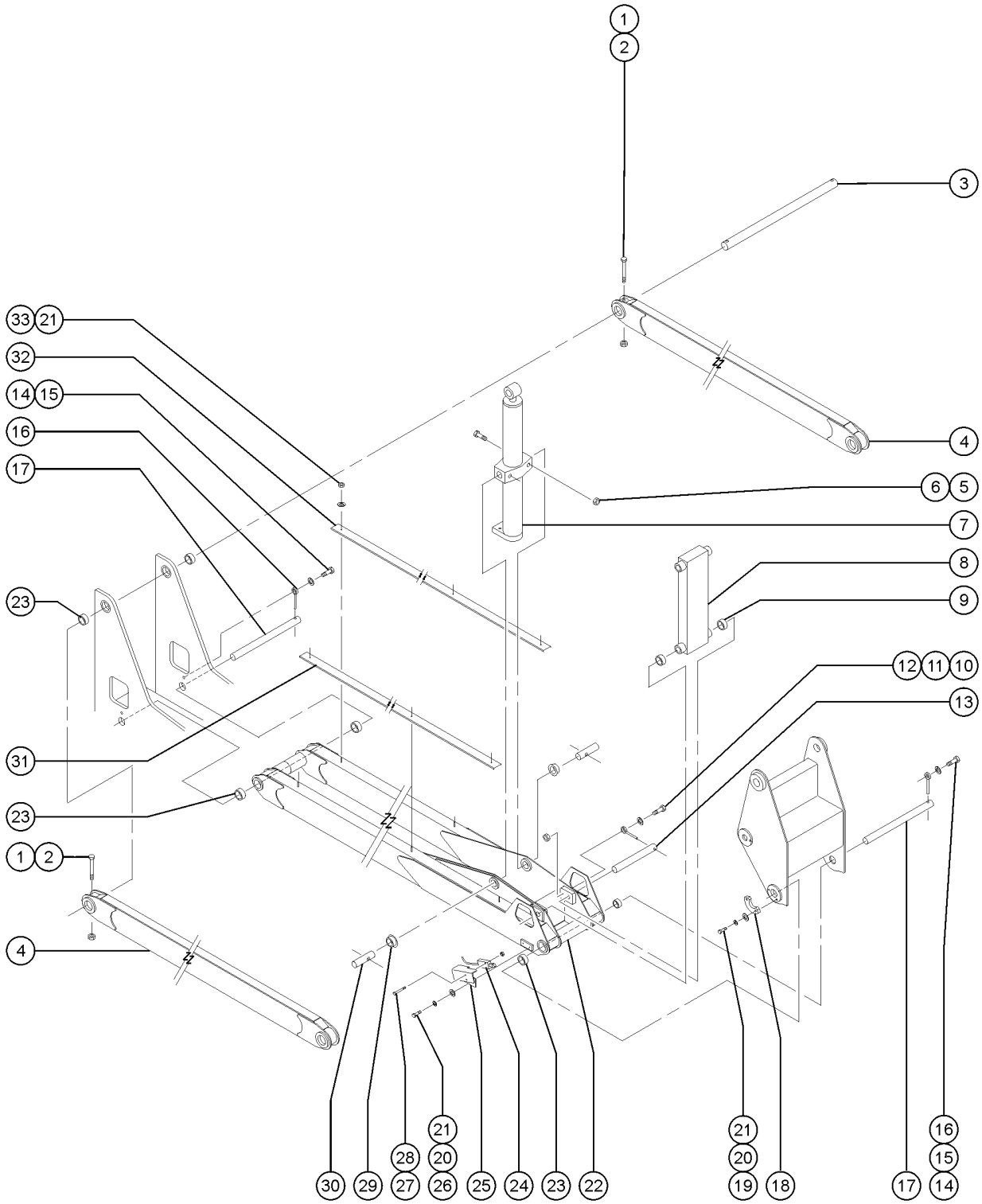
601.1 Secondary Boom - View 1



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, 30043 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-	31080GT	SEAL KIT,HYDRAULIC CYLINDER used with cylinder 30043	
7-	63348GT	SEAL KIT,CYL,Z60 (63208) used with cylinders 63208, 121854 and 1264387	
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	46005GT	LOWER LIMIT SWITCH CAM	1
19	6888GT	SCREW, HHC, 1/4-20 X 1	2

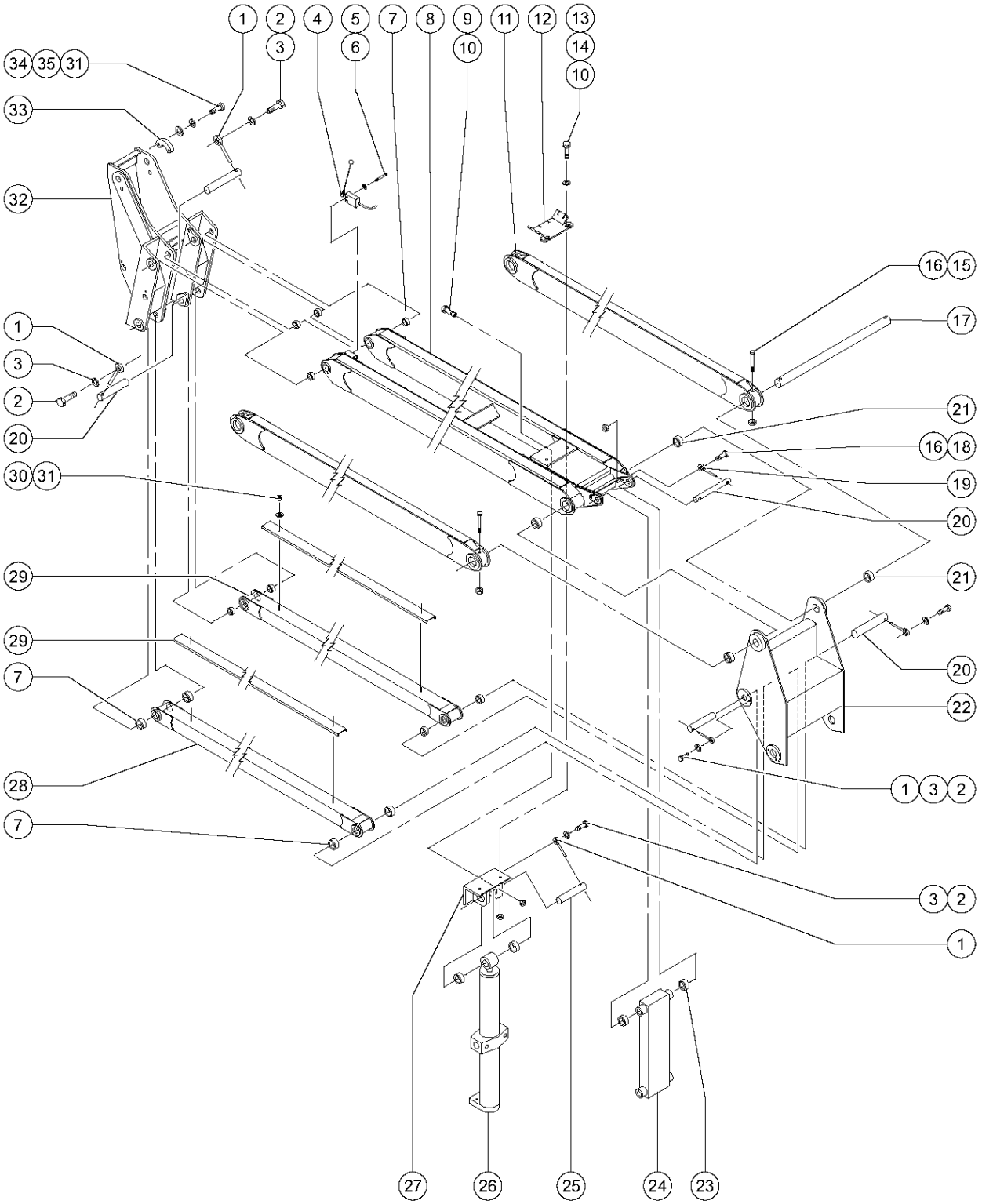
601.1 Secondary Boom - View 1



601.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
20	6356GT	WASHER, LOCK, .25	4
21	6638GT	WASHER, FLAT, USS, 1/4"Y	10
22	31305GT	LOWER SECONDARY BOOM ASSY includes index number 29 and 23	1
23	18722GT	BEARING,2.25IDX2.50ODX1.50L***	6
24	88356-146R5GT	SWITCH,LIMIT,W/ROLLER HEAD***	1
24-	19491GT	CONTACTOR,LIMIT SWITCH	1
25	226419GT	BRKT.,LWR LIMIT SWITCH	1
26	8914GT	SCREW, HHC, 1/4-20 X .625	2
27	22541GT	SCREW,RHM,10-32 X 1.5	2
28	6178GT	NUT, NYLOCK, 10-32	2
29	27695GT	BEARING,FL,1.75IDX1.94ODX1.50L	2
30	30199GT	PIN,1.75 DIAX4.50LG,THREADED	2
31	30341P-SGT	COVER,CABLE ground controls/tank side	1
32	30340P-SGT	COVER,CABLE engine side	1
33	6091GT	NUT,NYLOCK,1/4-20	10

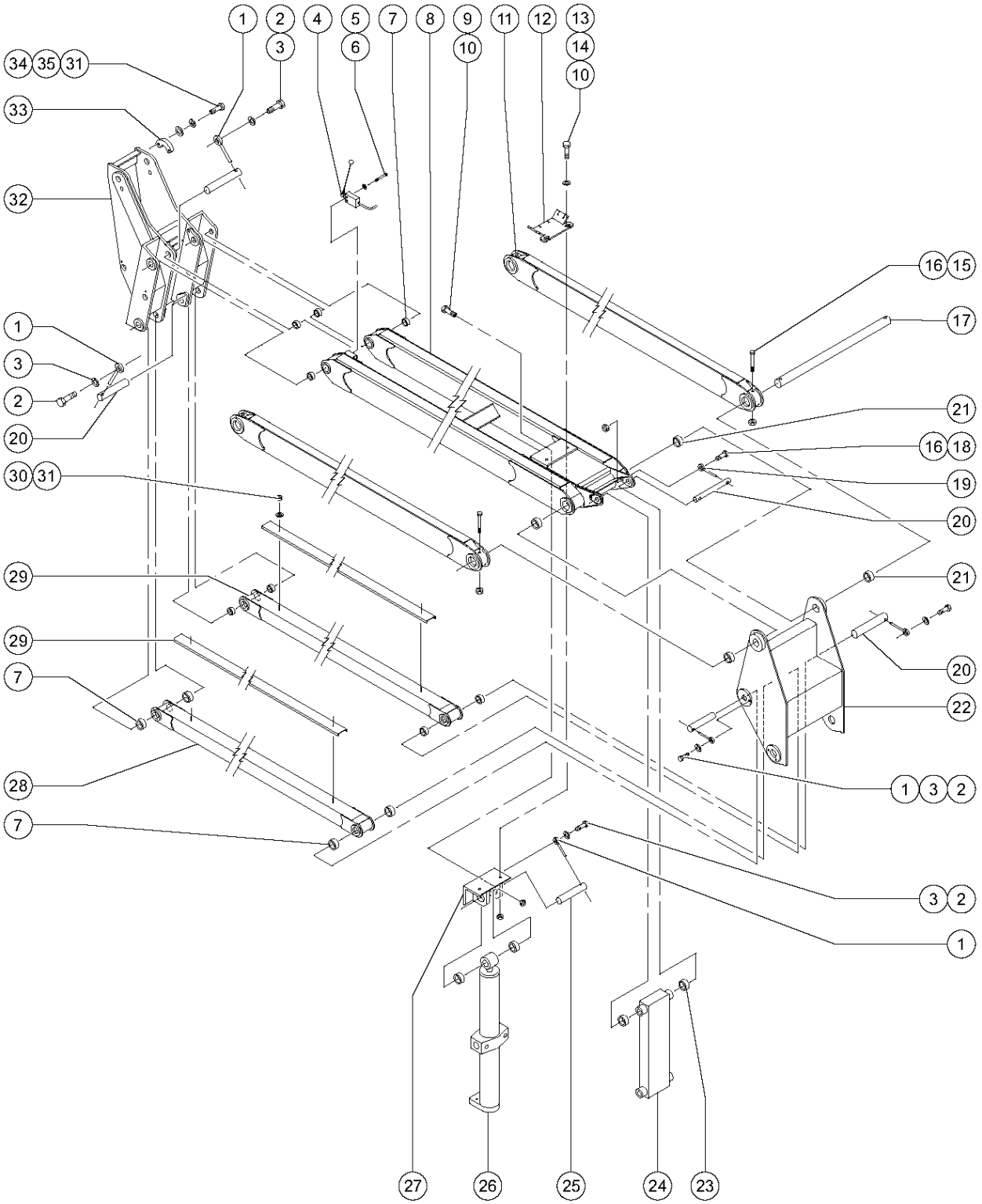
602.1 Secondary Boom - View 2



602.1 Secondary Boom - View 2

Item	Part No.	Description	Qty.
1	1256267GT	ROD END,.5 X 3.75,ZAG	5
2	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	5
3	6033GT	WASHER,LOCK,0.5"	5
4	63173-SGT	LIMIT SWITCH ASSY.,Z60 LINKAGE Oscillating Models	1
4-	53983GT	STRAIN RELIEF, PG13,5	1
5	22541GT	SCREW,RHM,10-32 X 1.5	2
6	6607GT	WASHER,LOCK,#10 PLTD	2
7	119620GT	BEARING,1.75IDX2.00ODX1.50L	12
8	31308GT	UPPER SECONDARY BOOM ASSY includes index number 7 and 21; to SN 2413	1
8-	111373GT	Z60 UPPER SECONDARY BOOM ASSY includes index number 7 and 21; from SN 2414	
9	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	2
10	6024GT	NUT,NYLOCK,5/8-11	4
11	30050-SGT	LOWER TENSION MEMBER WELDMENT	1
12		Ref Primary Boom Rest (refer to Figure 604.1)	1
13	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	2
14	13064GT	WASHER,FLAT,.625 HARDENED	2
15	5387GT	SCREW,HHC,3/8-16 X 4	4
16	4828GT	NUT, NYLOCK, 3/8-16	5
17	30198GT	PIN,2.25DIAX31.75LG,2HOLE	2
18	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
19	825019GT	ROD END, .375X3.69, ZAG	1
20	30193GT	PIN,1.75DIAX8.50LG,1HOLE	6
21	18722GT	BEARING,2.25IDX2.50ODX1.50L***	4
22	31309GT	LOWER MIDPIVOT ASSY,Z60 includes 2 of index number 21	1
23	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
24	31306GT	CONNECTING LINK ASSY includes index number 23	1
25	30328GT	PIN,1.75DIAX6.00LG,1HOLE	1
26		Ref CYLINDER, SECONDARY LIFT Z60 (refer to Figure 601.1)	1

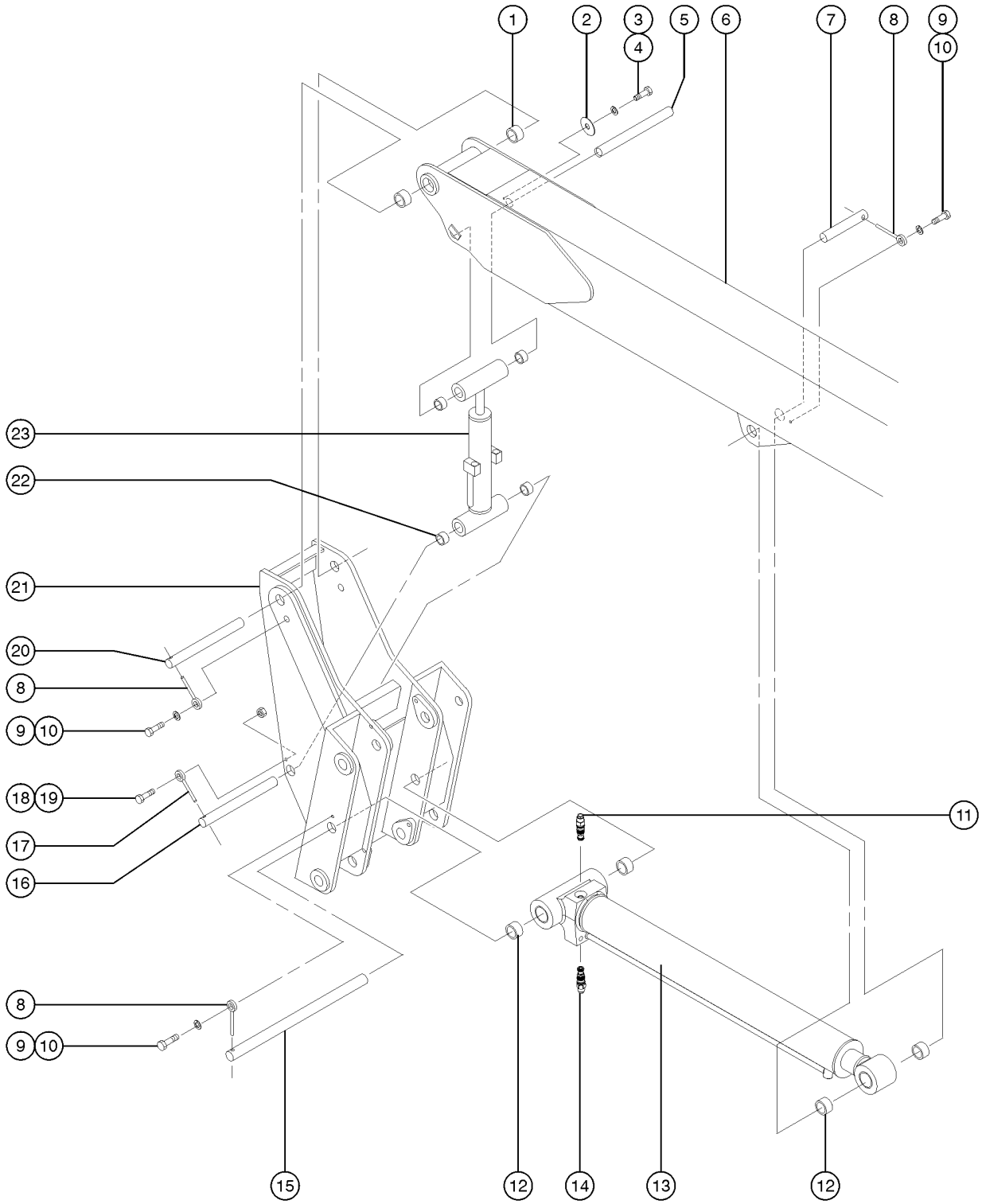
602.1 Secondary Boom - View 2



602.1 Secondary Boom - View 2

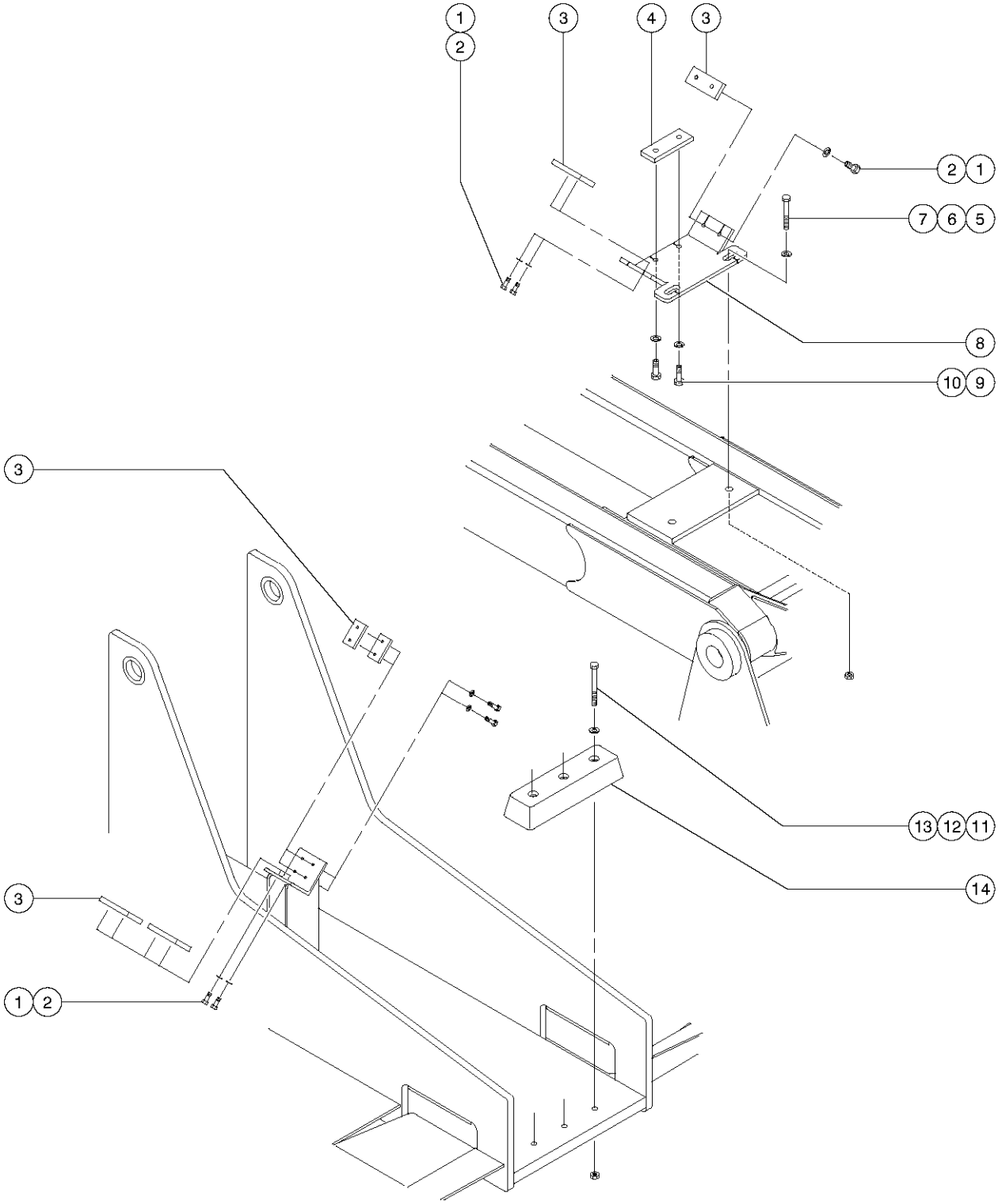
Item	Part No.	Description	Qty.
27		WELDMENT, CYLINDER MOUNTING no longer available	1
28	31307GT	UPPER LEVELING LINK ASSY includes 4 of index number 7	2
29	30339P-SGT	COVER,CABLE,UPR TNSN ARM,PTD	2
30	6091GT	NUT,NYLOCK,1/4-20	6
31	6638GT	WASHER, FLAT, USS, 1/4"Y	8
32	30052P-SGT	UPPER PIVOT WELDMENT,PAINTED	1
33	46004GT	UPPER LIMIT SWITCH CAM	1
34	6888GT	SCREW, HHC, 1/4-20 X 1	2
35	6356GT	WASHER, LOCK, .25	2

603.1 Upper Mid-pivot



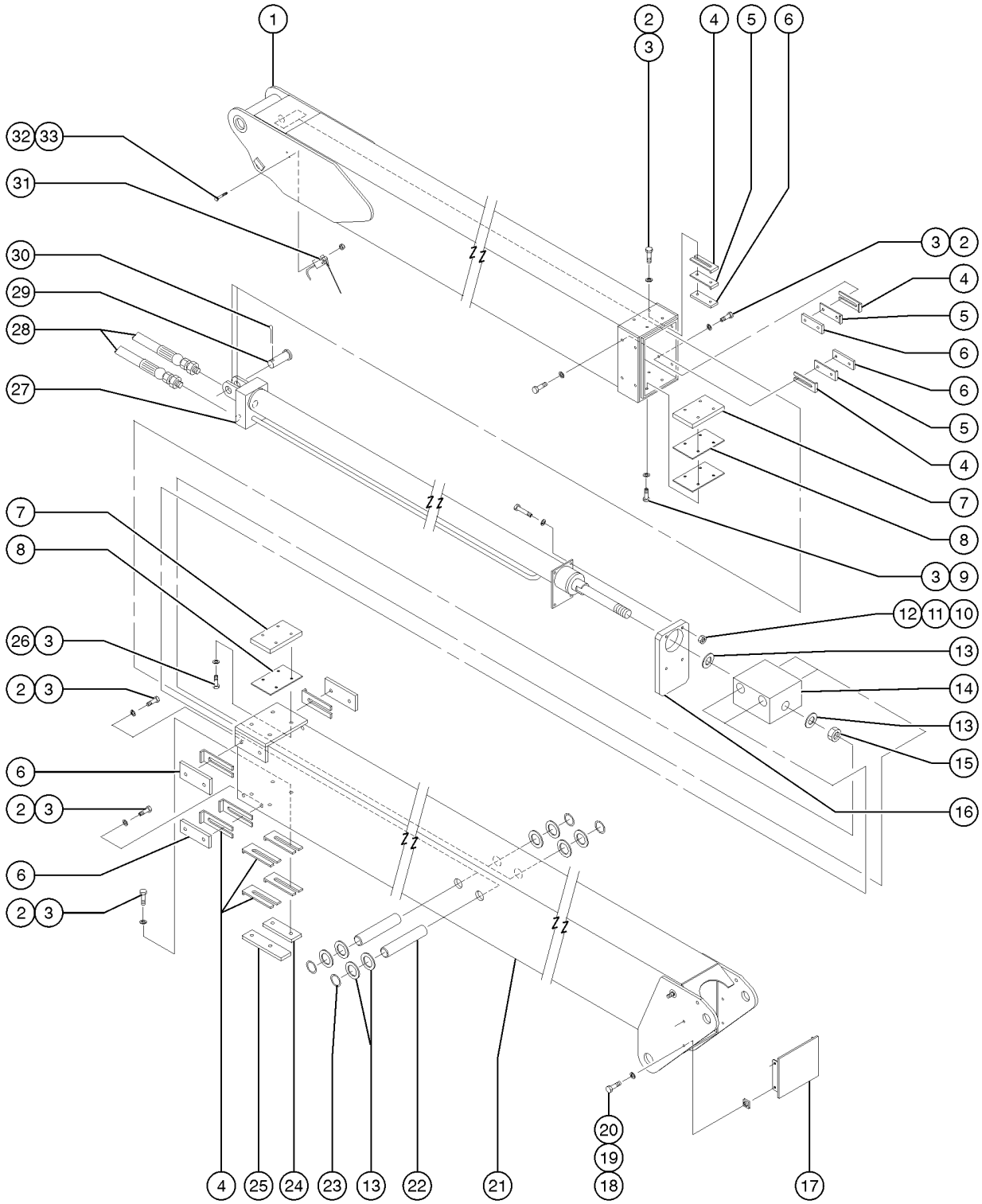
Item	Part No.	Description	Qty.
1	119620GT	BEARING,1.75IDX2.00ODX1.50L	2
2	12906GT	WASHER,FENDER,.25 X 1.25 X.062	1
3	7339GT	SCREW,HHC,1/4-20 X .5	1
4	6356GT	WASHER, LOCK, .25	1
5	30192GT	PIN,MASTER CYLINDER	1
6		Ref. PRIMARY BOOM TUBE ASSY (refer to 605.1)	
7	30194GT	PIN,1.75DIAX5.25LG,1HOLE	1
8	1256267GT	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)	
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	
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 22	1
23-	63351GT	SEAL KIT,CYL,Z60 (63211)	

604.1 Upper Mid-pivot and Primary Boom Rests



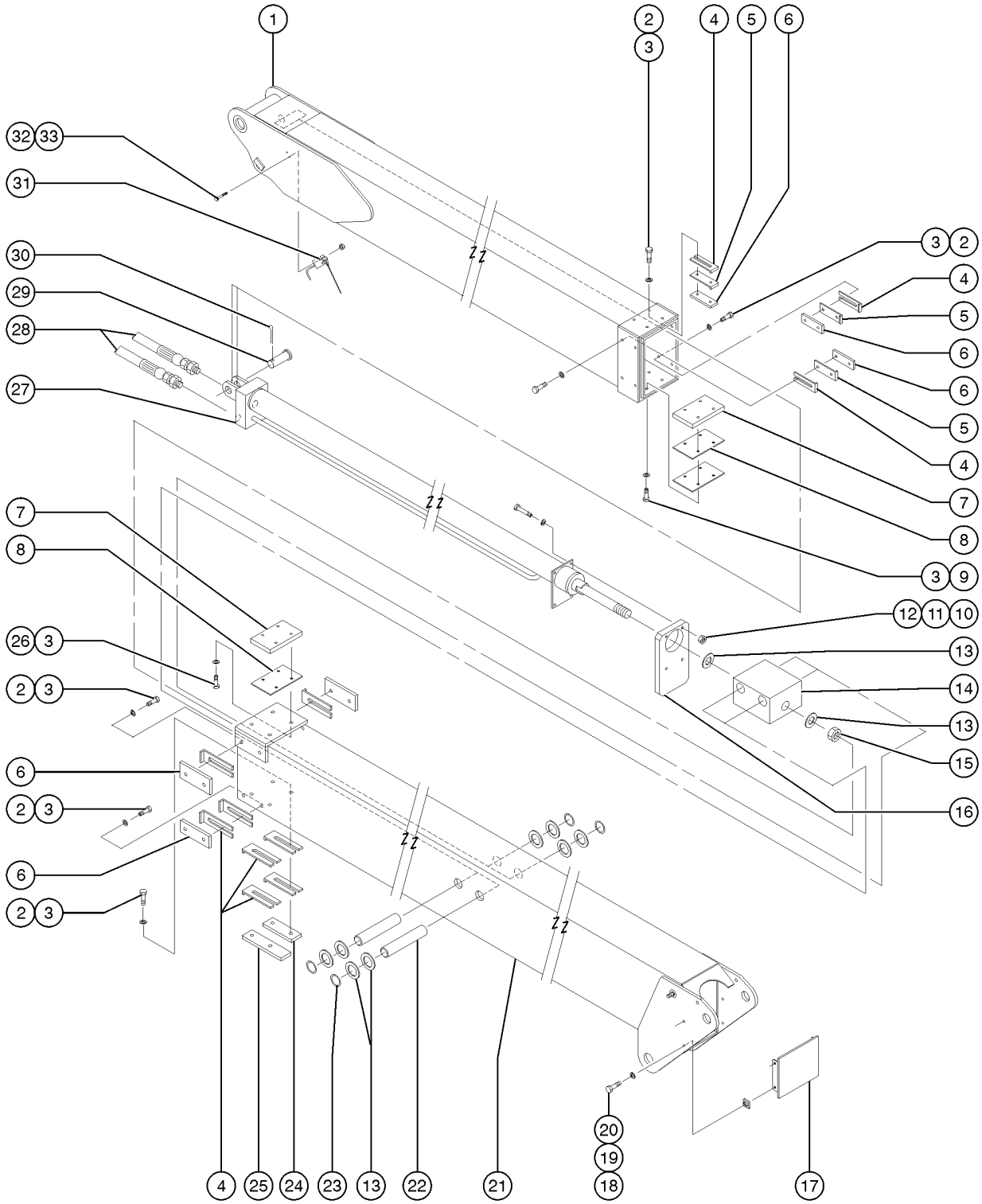
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	8
2	6356GT	WASHER, LOCK, .25	12
3	45209GT	WEAR PAD,4X2X.5 W/INSERT***	6
4	53811GT	WEAR PAD,5X1.5X1 W/INSERTS	2
5	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	2
6	13064GT	WASHER,FLAT,.625 HARDENED	2
7	6024GT	NUT,NYLOCK,5/8-11	2
8	30333PGT	PRIMARY BOOM REST,PAINTED	1
9	6175GT	SCREW,HHC,3/8-16 X 1	2
10	6021GT	WASHER, LOCK, .375	2
11A	8357GT	SCREW, HHC, 1/2-13 X 3.5 to SN 2312	3
11B	17712GT	SCREW,FHS,3/8-16 X 1.75 from SN 2313	
12A	6095GT	WASHER,FLAT,USS,1/2",Y to SN 2312	3
12B	13066GT	WASHER,FLAT,.5 HARDENED from SN 2313	
13A	6086GT	NUT,LP NYLOCK,1/2-13 to SN 2312	3
13B	6198GT	NUT, NYLOCK, 1/2-13 from SN 2313	
14A	30424GT	REST PAD, LOWER ARM to SN 2312	1
14A	49510GT	SPACER,REST PAD,Z60 to SN 2312	1
14B	63374GT	WEAR PAD, BOOM REST from SN 2313	1

605.1 Primary and Extension Booms



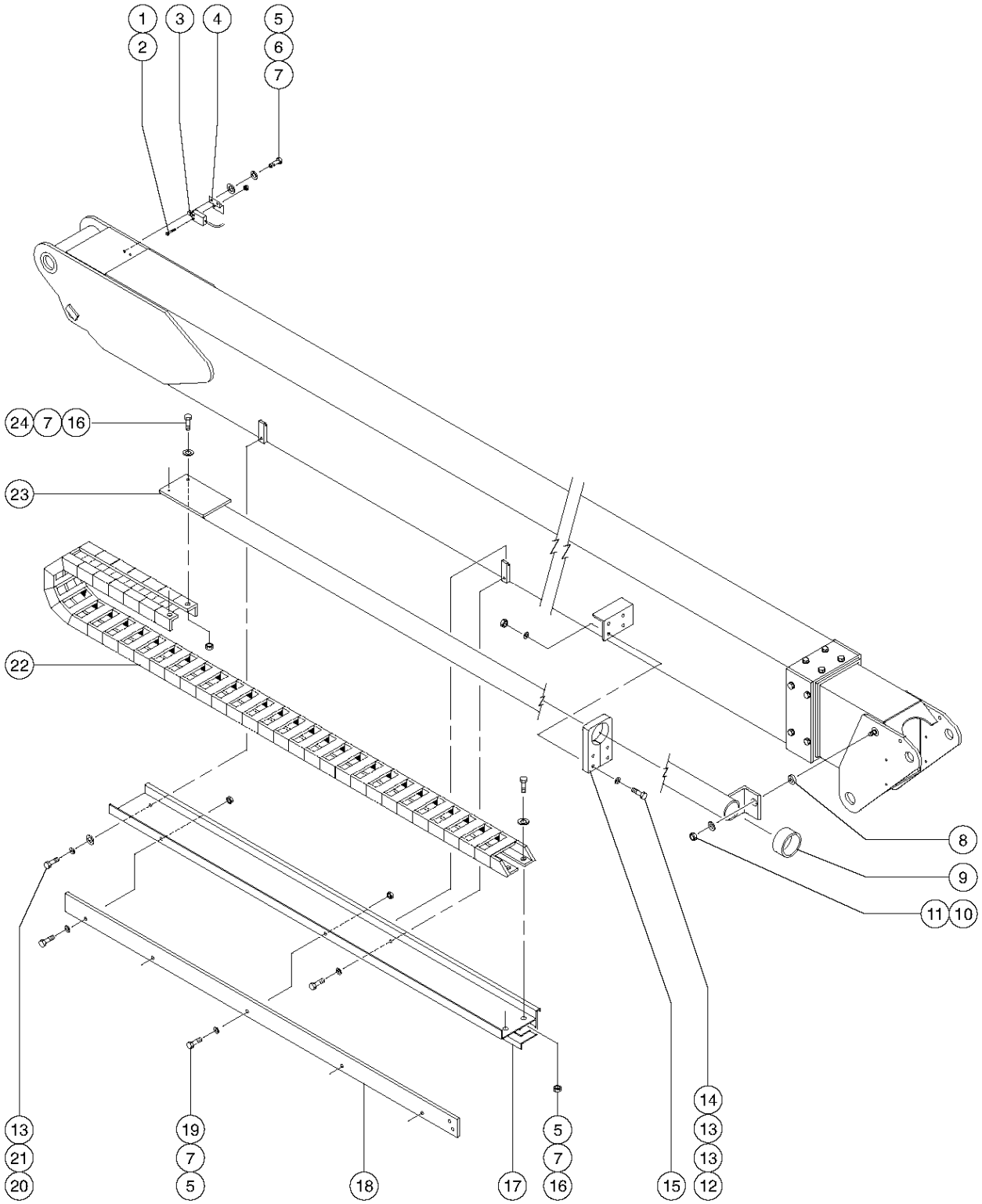
Item	Part No.	Description	Qty.
1	102986GT	PRI BOOM TUBE ASSY W/WORD DECA	1
1-	102987GT	PRI BOOM TUBE ASSY W/SYM DECAL	
2	6175GT	SCREW,HHC,3/8-16 X 1	24
3	6021GT	WASHER, LOCK, .375	32
4	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	10
5	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	6
6	30137GT	WEAR PAD,5 X 1.5 X .50 W/NUTS	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	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS to SN 2531	1
24-	30137GT	WEAR PAD,5 X 1.5 X .50 W/NUTS from SN 2532	
25	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS to SN 2414	1
25-	63376GT	WEAR PAD, LIMIT SWITCH CAM from SN 2415	

605.1 Primary and Extension Booms



Item	Part No.	Description	Qty.
26	8255GT	SCREW,HHC,3/8-16 X .75	4
27	111177GT	CYL,EXT,2.5 X 112.25,Z60 replaces older cylinders 29267, 63203 and 89060	1
27A-	36648GT	VALVE,COUNTERBALANCE 2500 PSI* use with cylinder 111177 (extend)	
27B-	74872GT	VALVE,COUNTERBALANCE 3000 PSI* use with cylinder 111177 (retract)	
27C-	75849GT	VALVE,COUNTERBALANCE 2500PSI use with cylinder 89060 (extend)	1
27D-	31082GT	VALVE,COUNTERBALANCE 2500 PSI* use with cylinders 89060 (retract), 29267 or 63203	1
27E-	89296GT	SEAL KIT,CYLINDER (89060) use with cylinders 89060 and 111177	1
27F-	63343GT	SEAL KIT CYL.Z60(63203) use with cylinder 63203	1
27G-	29183GT	SEAL KIT,25212,25217,25372,S60 use with cylinder 29267	
28		Ref. Hydraulic Hoses and Fittings (refer to Figure 608.1)	1
29	19440GT	PIN,CLEVIS,1 X 2.5 LG	1
30	5361GT	PIN,COTTER,.125 X 1.5	1
31	122286GT	SWITCH,LIMIT,W/6.5"FORMED ARM	1
31-	88356-11773GT	SWITCH,LIMIT,TABULATED,BLUE part of 122286	1
31-	122287GT	SPRING ARM,6.5",FORMED,90D part of 122286	1
32	22541GT	SCREW,RHM,10-32 X 1.5	2
33	6178GT	NUT, NYLOCK, 10-32	2

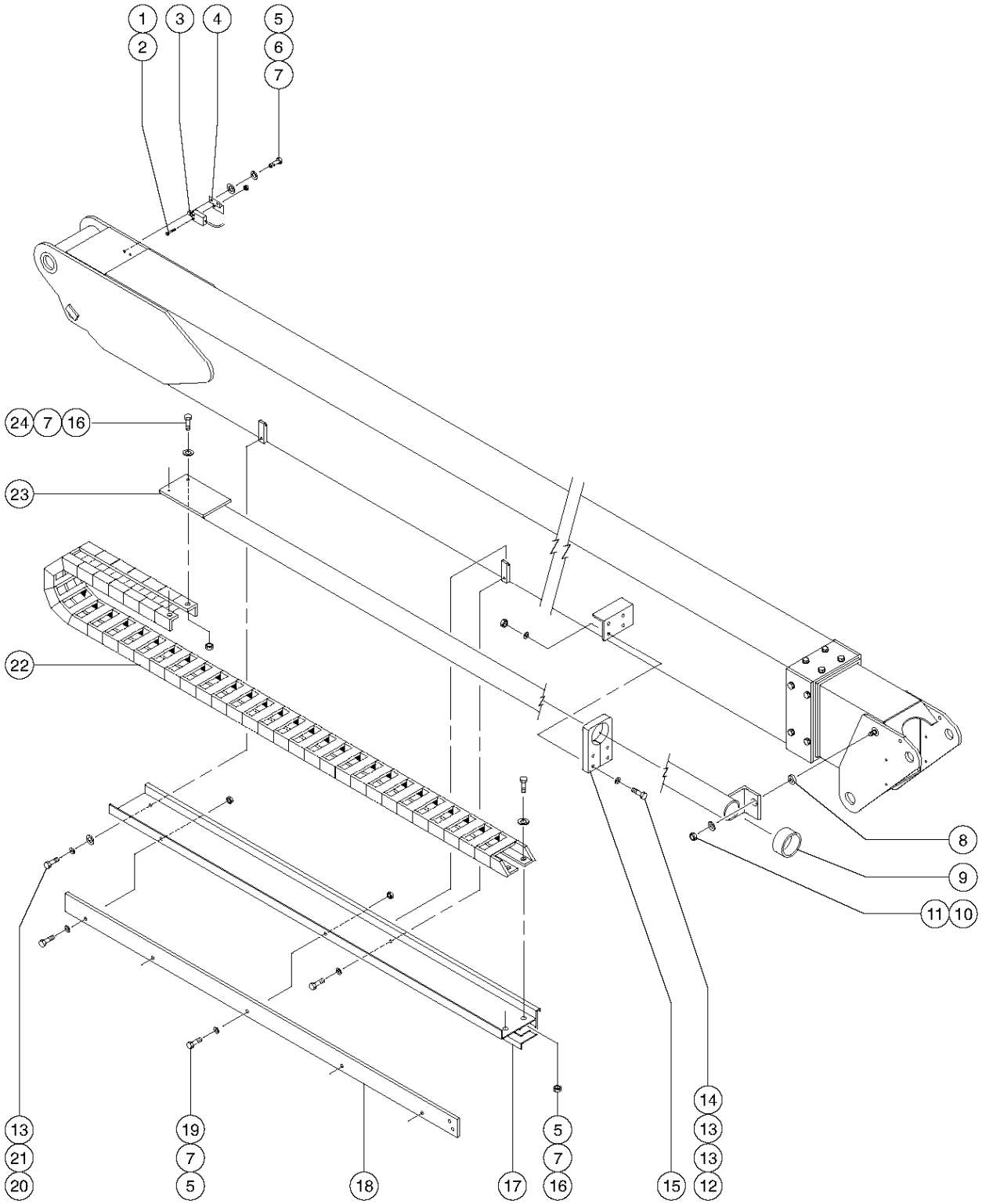
606.1 Cable Track



606.1 Cable Track

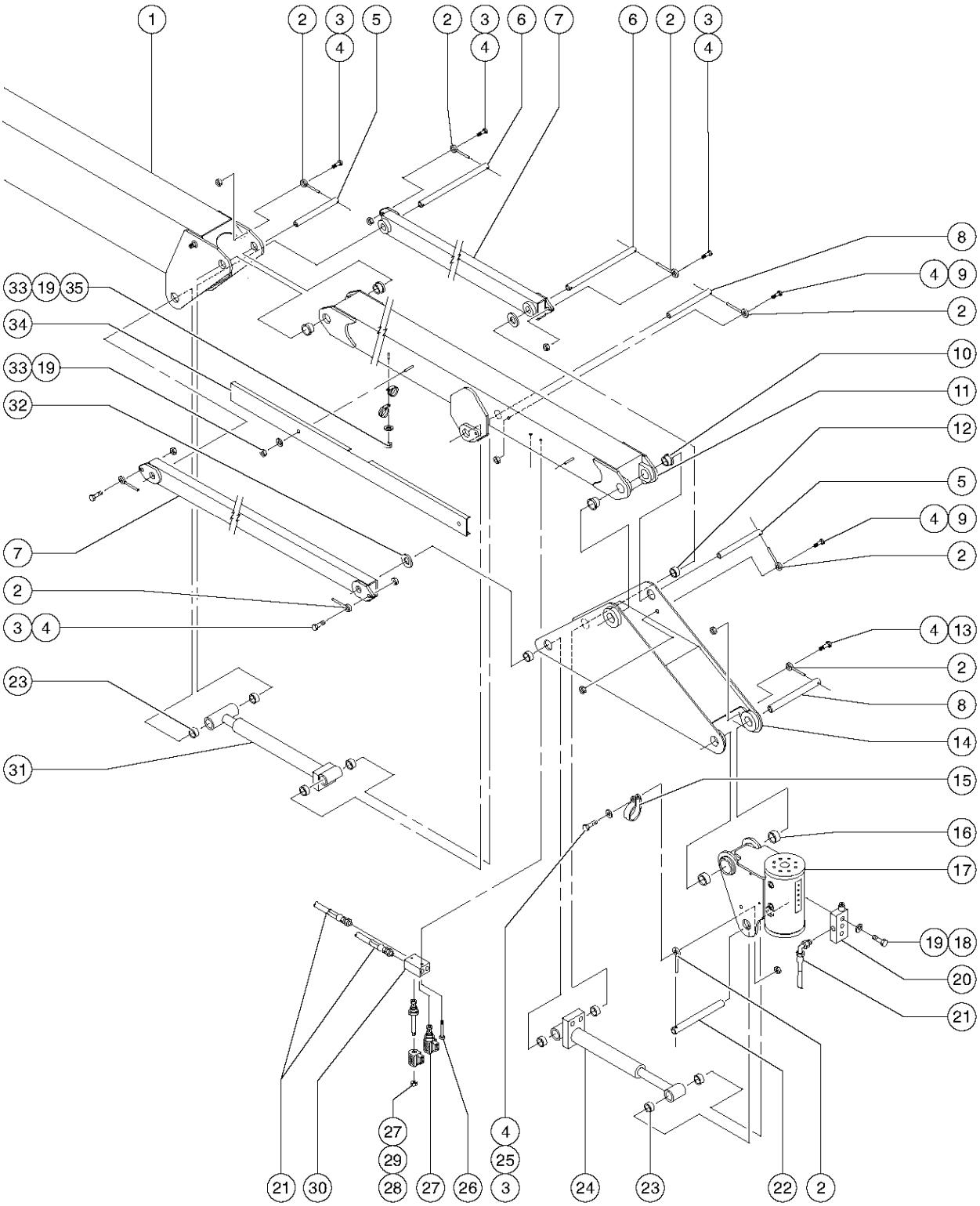
Item	Part No.	Description	Qty.
1	22541GT	SCREW,RHM,10-32 X 1.5	2
2	6178GT	NUT, NYLOCK, 10-32	2
3	88356-146R5GT	SWITCH,LIMIT,W/ROLLER HEAD***	1
3-	19491GT	CONTACTOR,LIMIT SWITCH	1
4	46002PGT	UPPR. LIMIT SWITCH BRKT.,BLUE	1
5	8914GT	SCREW, HHC, 1/4-20 X .625	9
6	6356GT	WASHER, LOCK, .25	2
7	6638GT	WASHER, 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 to SN 2320	1
17-	102529GT	CABLE TRACK CHANNEL ASSY,Z-60 from SN 2321	1
17-	27258GT	TRIM,RUBBER EDGE,5/8 (BY INCH) order as needed	
18	30390-SGT	COVER,CABLE TRACK TRAY,DRILLED	1
19	6889GT	NUT,LP NYLOCK,1/4-20	5
20	8255GT	SCREW,HHC,3/8-16 X .75	2
21	6021GT	WASHER, LOCK, .375	2
22	30377GT	TRACK,PLASTIC CABLE,43 LINKS	1
22-	58919GT	REPAIR LINK,7 LINKS***	1
22-	58920GT	REPAIR LINK END SET (42763)*	1
22-	58927GT	LINK,NYLATRAC KS6-5.4***	1

606.1 Cable Track



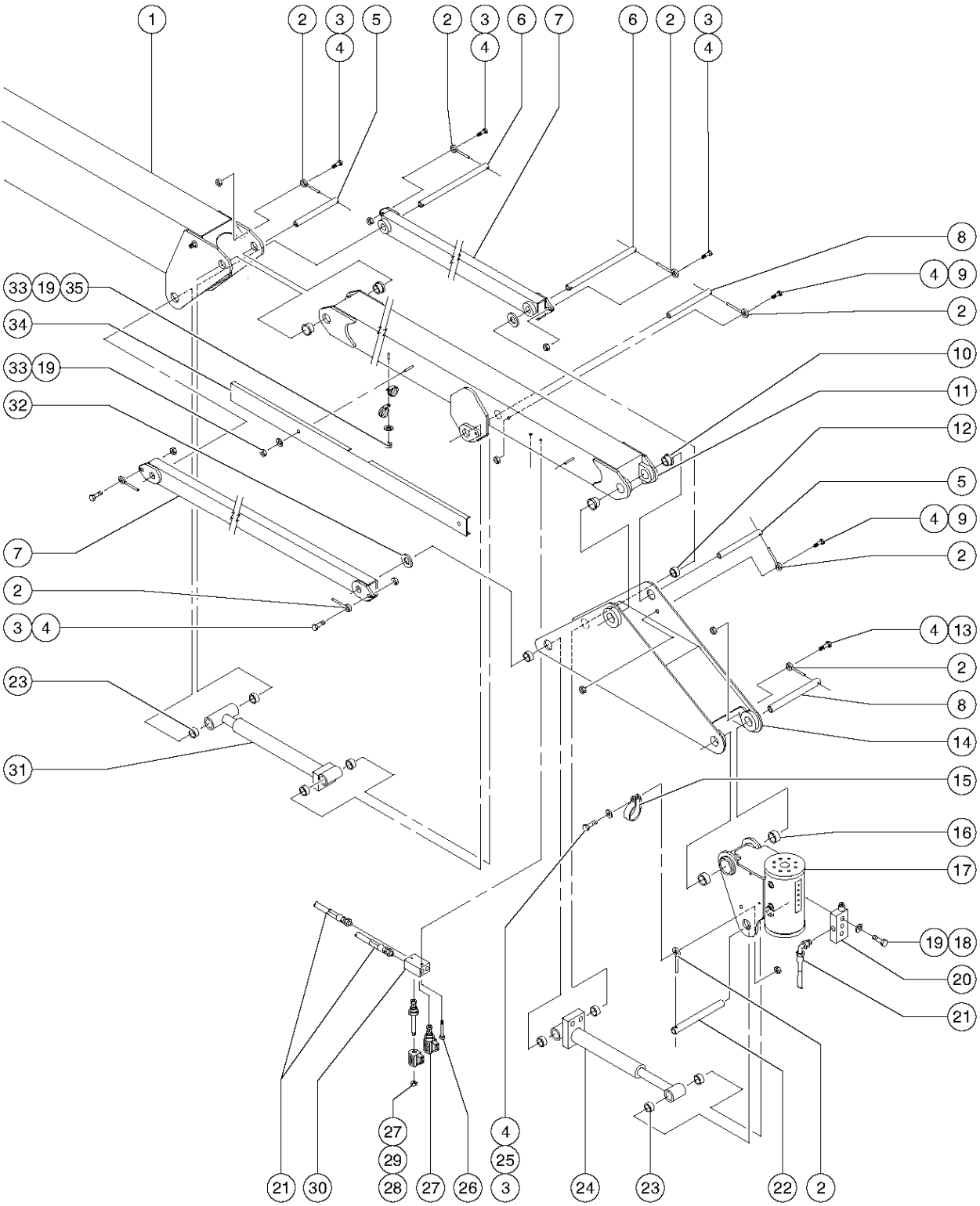
Item	*Part No.*	*Description*	*Qty.*
23	30315GT	TRACK TUBE WELDMENT	1
24	6888GT	SCREW, HHC, 1/4-20 X 1	2

607.1 Jib Boom and Platform Rotator



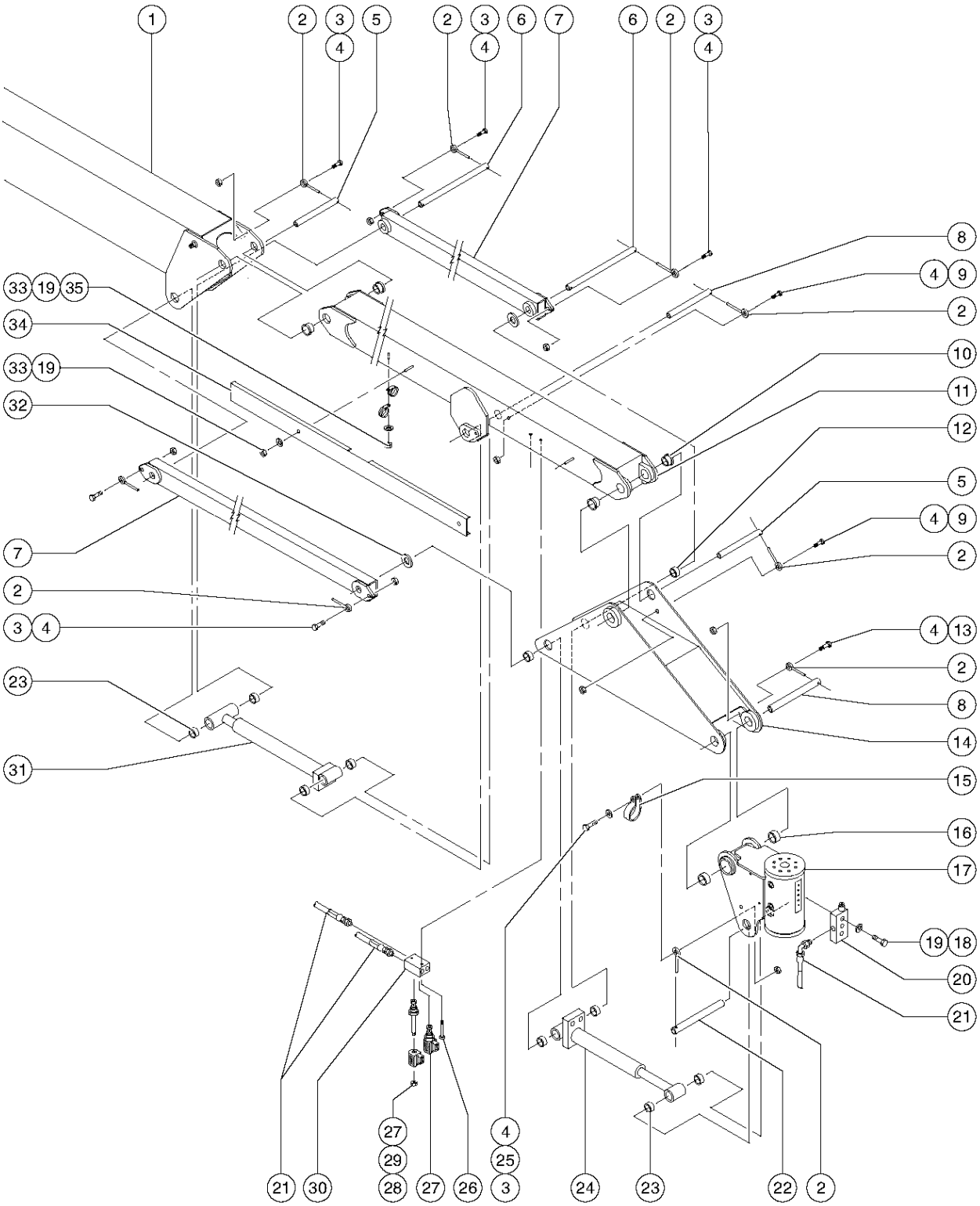
Item	Part No.	Description	Qty.
1	31086GT	EXTENSION BOOM TUBE ASSY,Z60	1
2	825019GT	ROD END, .375X3.69, ZAG	9
3	8516GT	SCREW, HCC, 3/8-16 X 1.50	6
4	4828GT	NUT, NYLOCK, 3/8-16	10
5	30188GT	PIN,1.25DIAX8.50LG,1HOLE	2
6	30189GT	PIN,1.25DIAX13.75LG,2HOLE	2
7	53258GT	COMPRESSION MEMBER WELD,MACH.	2
8	27326GT	PIN,1.25 X 7.57 IN,1HOLE	2
9	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
10	30219GT	BEARING,FL,1.25ID X 1.41OD X 1	4
11	31094GT	JIB BOOM ASSEMBLY includes index number 10	1
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; to SN 3023	
17	94399GT	ROTATOR ASSMBLY includes item 16, previous rotator 63509 is no longer available, order rotator 94399 for replacement; from SN 3024	1
17-	122944GT	SEAL KIT,8K ROTATOR*** included with rotator part number 94399; from SN 3024	1
17-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER use with rotator part number 63509; to SN 3023	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; to SN 3023	1
17-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* to SN 3023	1
17-	31498GT	BEARING KIT,ROTATOR,9K*** to SN 3023	1
17-	13852GT	VALVE ASSY,BLEED*** to SN 3023	1
18	6145GT	SCREW, HHC, 1/4-20 X 1.5	3
19	6638GT	WASHER, FLAT, USS, 1/4"Y	6
20	35611GT	MANIFOLD,DUAL COUNTERBALANCE to SN 3023	1

607.1 Jib Boom and Platform Rotator

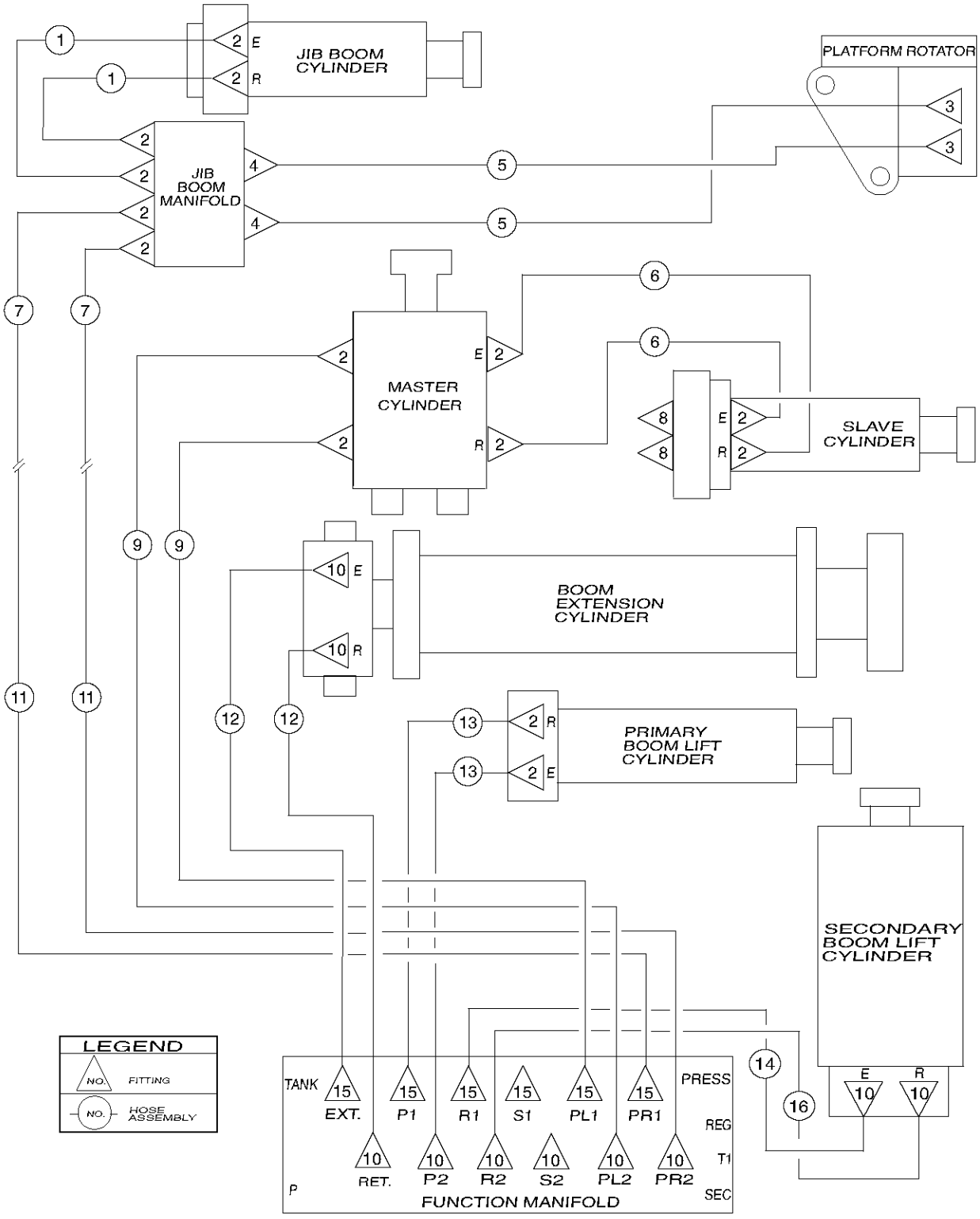


Item	Part No.	Description	Qty.
20-	37090GT	VALVE,COUNTERBALANCE 2000PSI to SN 3023	1
20-	56929GT	MANIFOLD,ROTATOR,180 DEG.*** from SN 3024	1
20-	62506GT	VALVE - COUNTERBALANCE** from SN 3024	1
20-	62507GT	O-RING, ROTATOR MANIFOLD	1
21		Ref. Hydraulic Hoses and Fittings (refer to Figure 608.1)	1
22	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
23	47377GT	BEARING,1.25 ID X 1.5 OD X .75	8
24	226537GT	CYLINDER,SLAVE replaces previous cylinder 63212 (no longer available), includes item 23	1
24-	63352GT	SEAL KIT CYL.Z60(63212) use with cylinder 63212 or 226537	
24-	29083GT	VALVE,COUNTERBALANCE,2500 PSI* use with cylinder 63212	
24-	74872GT	VALVE,COUNTERBALANCE 3000 PSI* use with cylinder 226537	
25	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	1
26	21604GT	SCREW,HHC,3/8-16 X 3.25	2
27	29066GT	VALVE,SOLENOID,10V,2POS 3WAY**	2
27-	62267GT	VALVE,SOLENOID N/C (SHORT)*** to SN 3483	2
27-	62262GT	VALVE,SOLENOID N/O (LONG)*** to SN 3483	2
27-	75847GT	VALVE - SOLENOID, 2 POS 2 WAY from SN 3484	2
27-	75848GT	VALVE - SOLENOID 2 POS 2 WAY from SN 3484	2
28	27814GT	COIL,SOLENOID,10V	2
28-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
29	45912GT	NUT,SOLENOID VALVE 2P3W	2
29-	52943GT	NUT, SOLENOID VALVE COIL	2
30	75700GT	MANIFOLD,MACHINED,JIB & ROTATE	1
30-	75849GT	VALVE,COUNTERBALANCE 2500PSI	1
30	48905GT	CONNECTOR, 520120-4 to SN 3483	1
31	63214GT	CYLINDER,JIB,Z60 includes 4 each index number 23	1
31-	63354GT	SEAL KIT CYL.Z60(63214)	1
31-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	1

607.1 Jib Boom and Platform Rotator

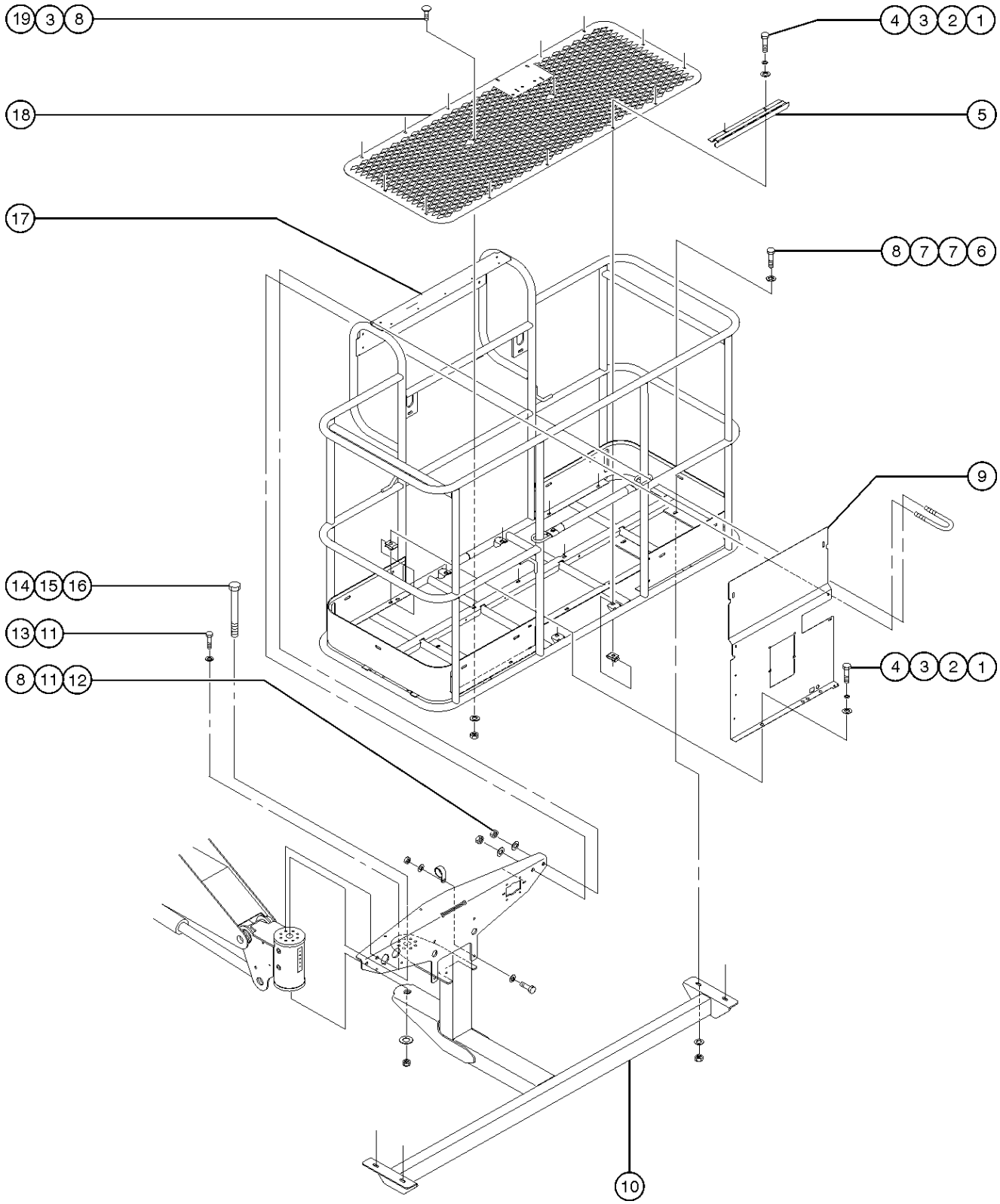


Item	Part No.	Description	Qty.
32	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	8
33	6091GT	NUT,NYLOCK,1/4-20	3
34	30411-SGT	COVER,CABLE,JIB PAINTED	1
35	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	2


JIB BOOM CYLINDER
PLATFORM ROTATOR
JIB BOOM MANIFOLD
MASTER CYLINDER
SLAVE CYLINDER
BOOM EXTENSION CYLINDER
PRIMARY BOOM LIFT CYLINDER
SECONDARY BOOM LIFT CYLINDER
LEGEND
NO. FITTING
NO. HOSE ASSEMBLY
TANK
EXT.
RET.
P1
P2
R1
R2
S1
S2
PL1
PL2
PR1
PR2
PRESS
REG
T1
SEC
P
FUNCTION MANIFOLD

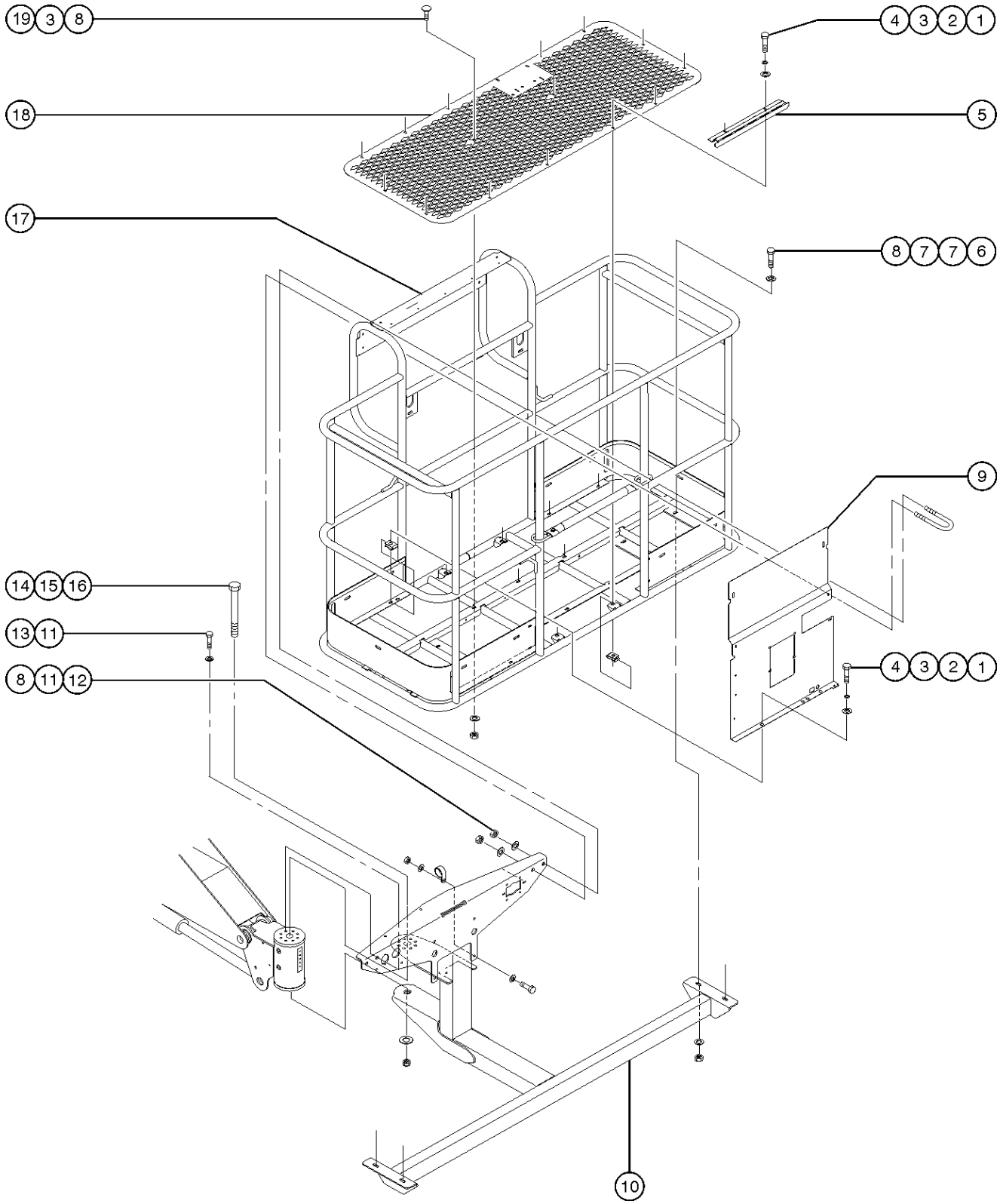
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49119-1478-SGT	HOSE ASSY,1/4,STR FEM,STR FEM	2
2	48912GT	CONN,520120-4-6***	16
3	48905GT	CONNECTOR, 520120-4	2
4	48913GT	CONN,520120-12-16	2
5	49117-5591GT	HOSE ASSY,1/4,90 FEM,STR FEM**	2
6	49119-53800-SGT	HOSE ASSY,1/4,STR FEM,STR FEM	2
7	49119-44800-SGT	HOSE ASSY,1/4,STR FEM,STR FEM	2
8	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	2
8-	48880GT	CAP,DIAGNOSTIC NIPPLE	2
8-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	2
9	49118-41008GT	HOSE ASSY,1/4",90 FEM,STR F	2
10	48916GT	CONN, 520120-6	10
11	49123-42368-SGT	HOSE ASSEMBLY,1/4	2
12	49128-43659-SGT	HOSE ASSEMBLY,3/8	2
13	49128-40959-SGT	HOSE ASSEMBLY,3/8	2
14	49128-23759-SGT	HOSE ASSEMBLY,3/8	1
15	48917GT	CONN,LONG,520122-6	6
16	49128-22059-SGT	HOSE ASSEMBLY,3/8 replaced by 49128-22059	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	4
7	6097GT	WASHER, FLAT, USS, 3/8", Y	8
8	4828GT	NUT, NYLOCK, 3/8-16	4
9	73574-SGT	DECAL PLATE ASSEMBLY from SN 3279	1
9-	73574-SGT	DECAL PLATE ASSEMBLY from SN 3317	1
9-	75516-SGT	DECAL PLATE ASSEMBLY to SN 3278	1
9-	75516-SGT	DECAL PLATE ASSEMBLY to SN 3316	1
10	50144-SGT	PLATFORM SUPPORT WELDMENT*** to SN 3023	1
10-	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV* from SN 3024	1
11	57201GT	WASHER,FLAT,313, HARDENED	8
12	6550GT	U-BOLT,3/8 X 1 YZ	2
13	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	8
14	73928GT	SCREW,HHC,1-8 X 11,GRD 5***	1
15	122079GT	WASHER,FLAT,1.000,HARDENED	1
16	29764GT	NUT,NYLOCK,1-8	4
17	73900GT	WELDMNT,6 FT PLATFORM ANSI and CSA; no decals	1
17A-	73977-SGT	WELDMENT W/DECALS,6FT,500LB CE CE	1
17B-	73976GT	PLATFORM RAIL ASSY, 8FT, ANSI ANSI and CSA	1
17C-	73978GT	WELDMENT W/DECALS,8FT,500LB CE CE	1

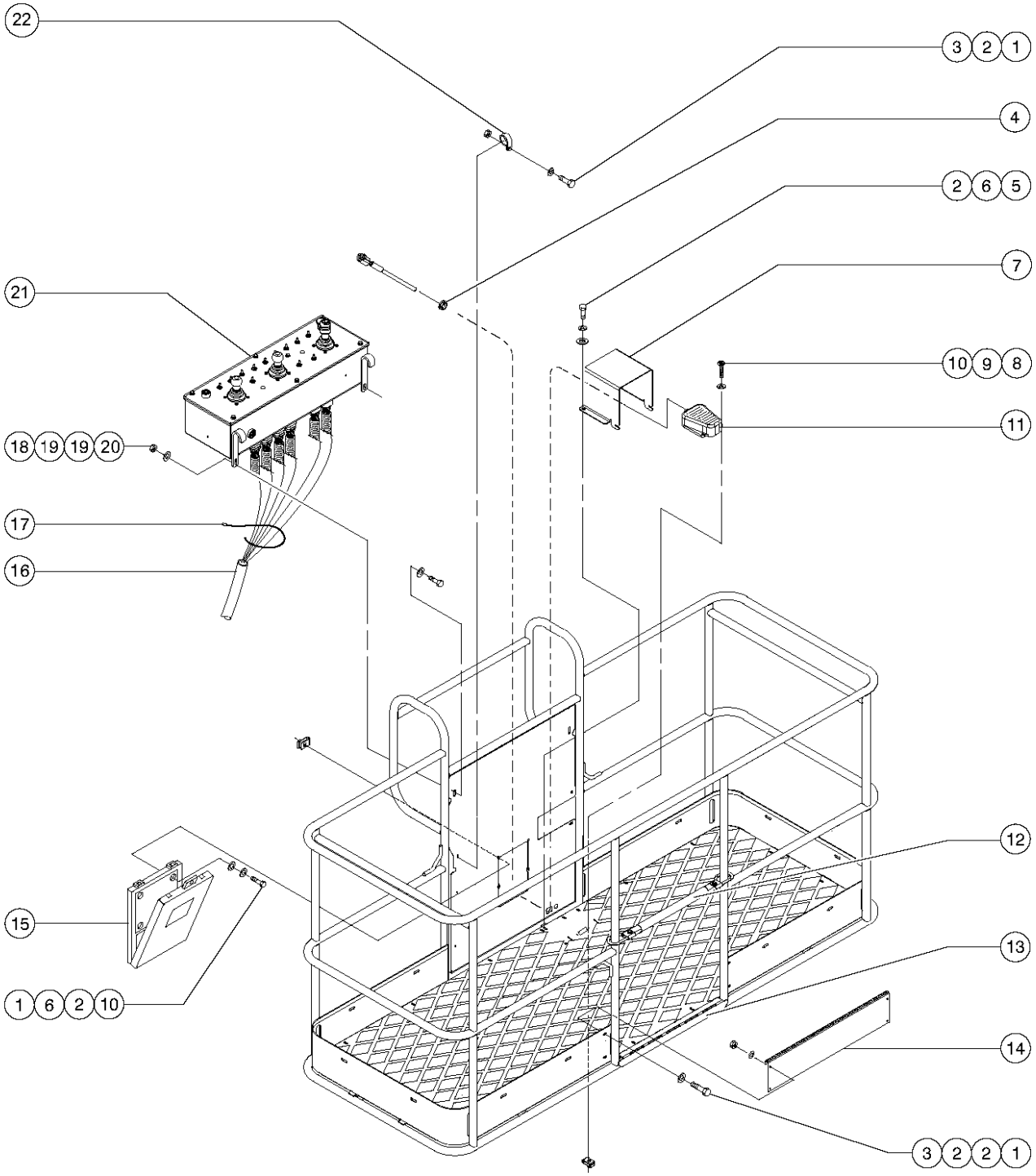
701.1 Platform Installation - View 1



701.1 Platform Installation - View 1

Item	*Part No.*	*Description*	*Qty.*
18	60954-SGT	FLOORING,6 FT PLATFORM,SERVIC to SN 3278	1
18-	73477PGT	FLOORING, 6'FT PLATFORM from SN 3279	1
18-	73478PGT	FLOORING, 8 FT PLATFORM*** from SN 3317	1
19	54274GT	SCREW,STEP BOLT,1/4-20 X .75 6 Foot/1.8 m platform assemblies	3
19-	54274GT	SCREW,STEP BOLT,1/4-20 X .75 8 Foot/2.4 m platform assemblies	5

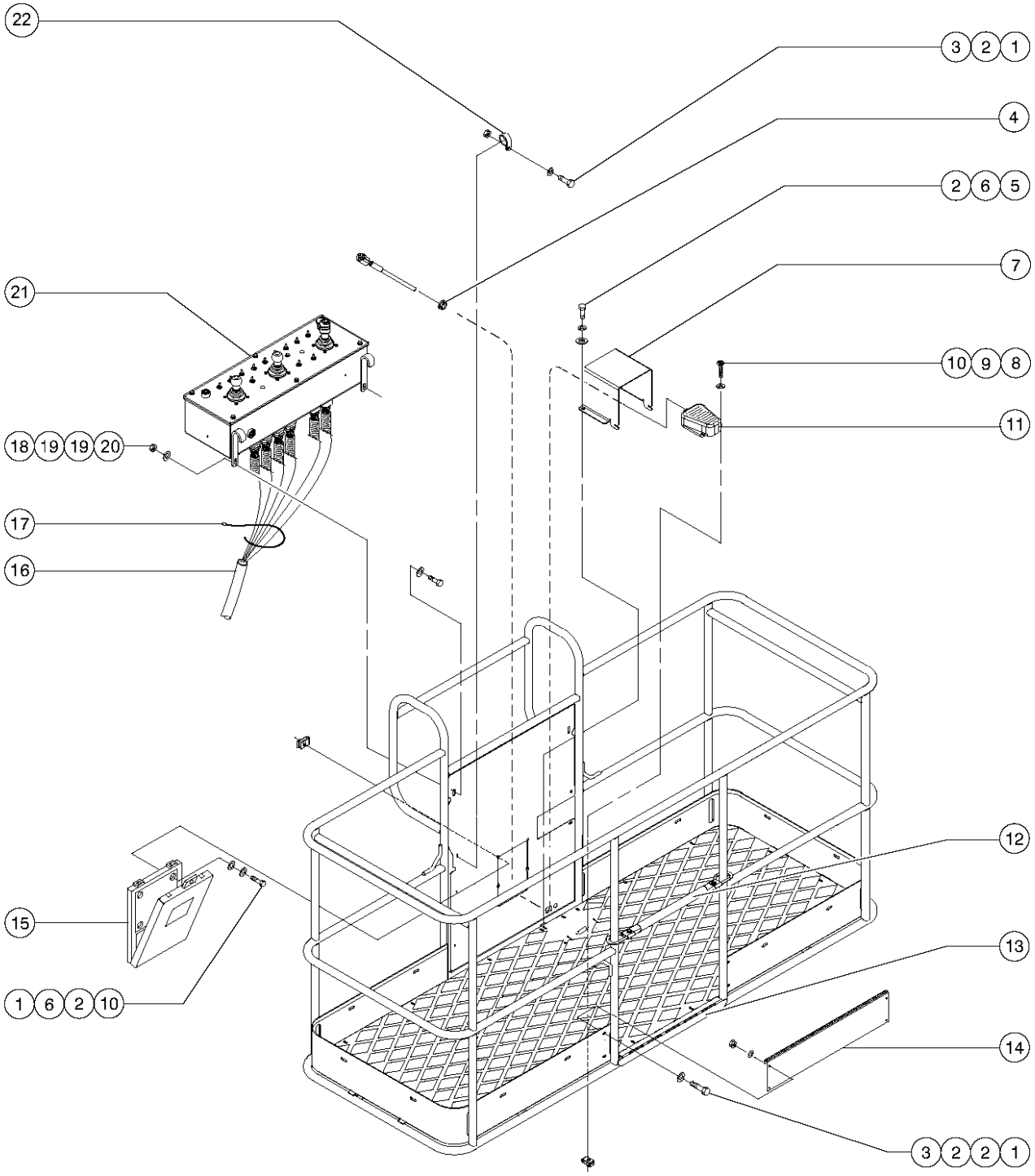
702.1 Platform Installation - View 2



702.1 Platform Installation - View 2

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	6638GT	WASHER, FLAT, USS, 1/4"Y	26
2-	6638GT	WASHER, FLAT, USS, 1/4"Y	28
3	6091GT	NUT,NYLOCK,1/4-20	2
4	229768GT	GROMMET,RUBBER,1.0X0.094X1.375	1
5	8915GT	SCREW, HHC, 1/4-20 X 1.25	2
6	6356GT	WASHER, LOCK, .25	17
6-	6356GT	WASHER, LOCK, .25	19
7	27528GT	FOOT SWITCH GUARD W/DECALZ45 to SN 3278	1
7-	73931GT	GUARD,FOOTSWITCH,W/DECAL ALUM ANSI AND CSA; from SN 3279	1
7-	63766GT	COVER,FOOT SWITCH CE; from SN 3279	1
8	73587GT	SCREW,PHIL,10-24 X .75	1
9	6607GT	WASHER,LOCK,#10 PLTD	2
10	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	2
11	73233GT	ASSEMBLY,FOOT SWITCH***	1
11-	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
11-	13482GT	FOOT SWITCH***	1
12	102992GT	SLIDING MIDRAIL KIT,PTD includes index numbers 8, 5, 11, and 12	1
12-	12443GT	MIDRAIL GUIDE (HOOK)	1
12-	139451GT	TUBE,SLIDING MIDRAIL,PAINTED	1
12-	20973GT	WIRE LOOM,3/8 POLY SLIT	1
12-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	1
13	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*	1
14	75675-SGT	PLATFORM ASSEMBLY Z-60 6FT ANSI and CSA; includes index 1, 2, 9, 10-12 and 19	1
14A-	75676-SGT	PLATFORM ASSEMBLY Z-60 6FT*** CE; includes index 1, 2 9-12, and 19	1
14B-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*	1
14C-	75679-SGT	PLATFORM ASSEMBLY 8FT Z-60 ANSI and CSA; includes index 1, 2, 9-12 and 19	1

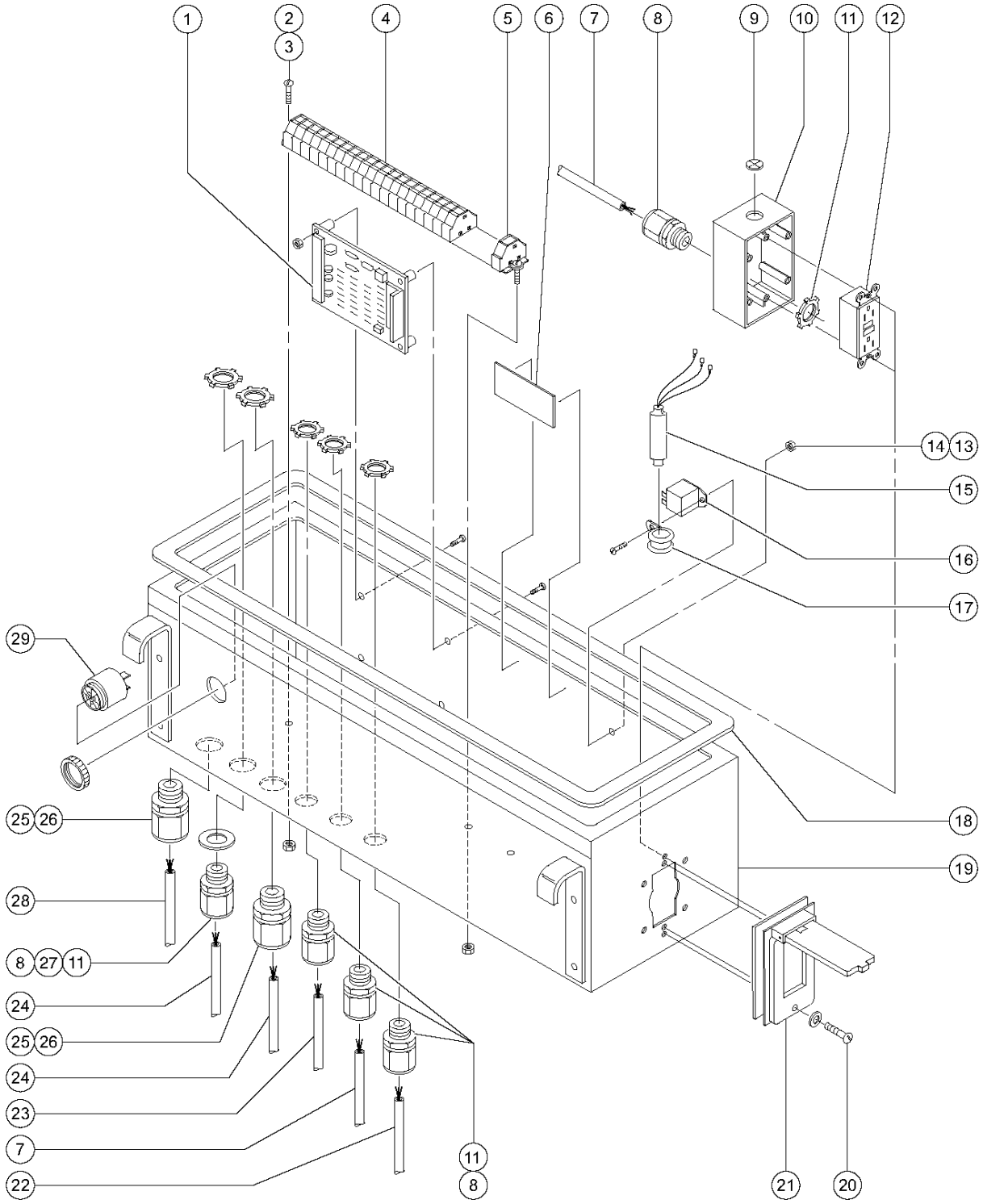
702.1 Platform Installation - View 2



702.1 Platform Installation - View 2

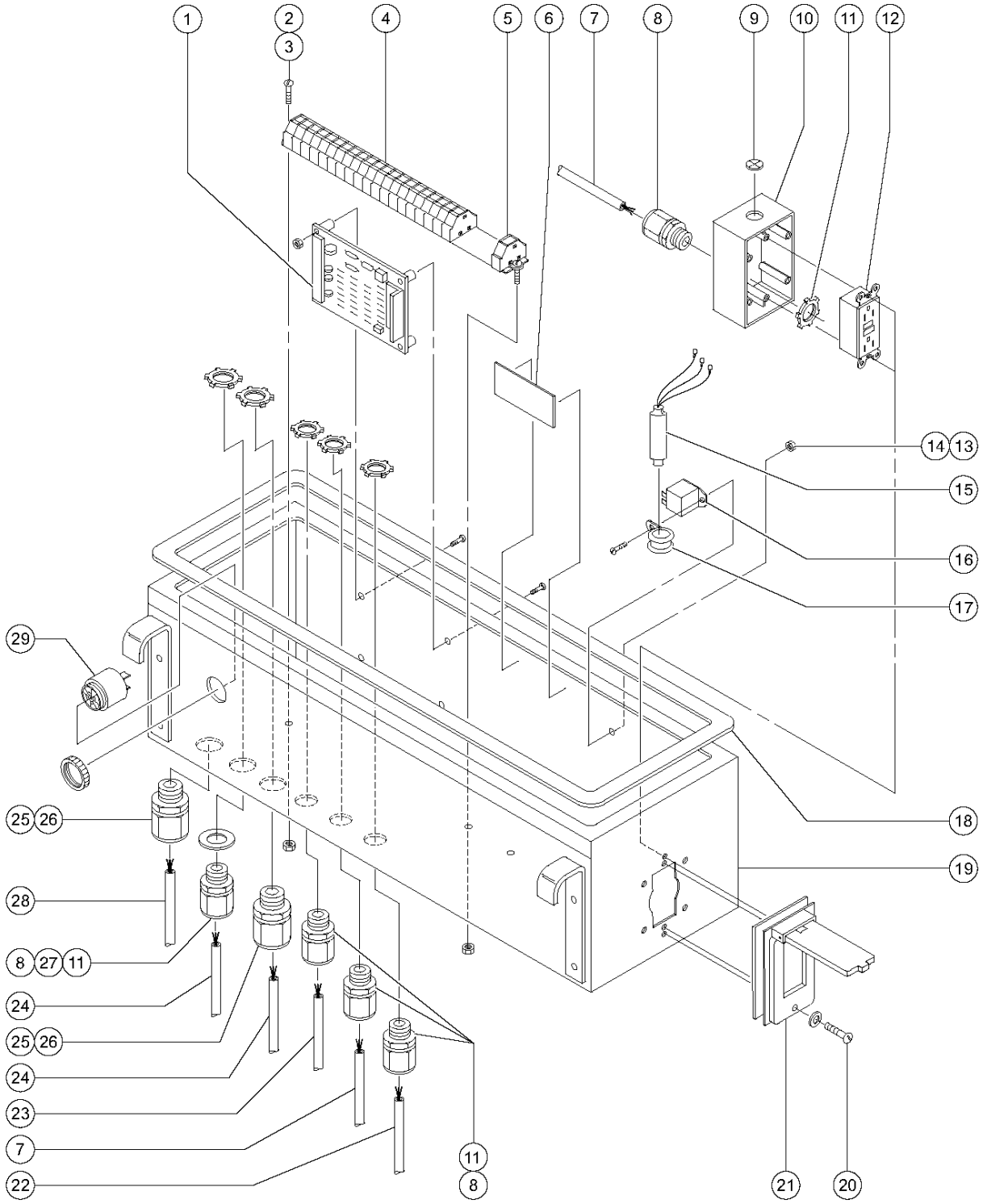
Item	Part No.	Description	Qty.
14D-	75680-SGT	PLATFORM ASSEMBLY 8FT Z-60 CE; includes index 1, 2, 9-12 and 19	1
15	39552GT	BOX,INSTRUCTION STORAGE to SN 3278 (models with 6 foot platform)	1
15-	39552GT	BOX,INSTRUCTION STORAGE to SN 3316 (models with 8 foot platform)	1
15-	44743GT	MANUAL BOX W/DECALS*** from SN 3279 (models with 6 foot platform)	1
15-	44743GT	MANUAL BOX W/DECALS*** from SN 3317 (models with 8 foot platform)	1
16	49219GT	SLEEVE,NYLON,2.19 ID,BULK	
17	28443GT	CABLE TIE, 11.5" BLACK	3
18	7713GT	NUT, LP NYLOCK, 3/8-16	2
19	5397GT	WASHER, FLAT, USS, 5/16-18	4
20	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
21		Ref. Platform Controls (refer to Figures 703.1 and 704.1)	2
22	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	2

703.1 Platform Controls - View 1



Item	Part No.	Description	Qty.
	33996GT	SCREWDRIVER,TERMINAL BLOCK	
1		LIMITER PC BOARD, HORSEPOWER no longer available	1
1-	39591GT	SPACER,NYLON,.375 sold separately	
2	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	2
3	12344GT	NUT,NYLOCK,6-32	2
4	32637GT	TERMINAL BLOCK,WAGO	43
4-	32638GT	TERMINAL BLOCK,WAGO	2
5	32639GT	END PLATE,WAGO	1
6	30997GT	CORROSION INHIBITOR,FOAM	1
7	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	1044 inches
8	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	5
9	8843GT	COVER,KNOCK OUT HOLE,4 PER BAG	1
10	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
11	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
12	13585GT	OUTLET, 110V	1
12-	33629GT	PLATE,UK POWER TO PLATFORM	1
12-	33724GT	KIT,GASKET,UK POWER TO PLAT	1
12-	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT Europe	1
13	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	1
14	6178GT	NUT, NYLOCK, 10-32	1
15	43181GT	CAPACITOR,TIME DELAY	1
16	19274GT	RELAY,SPDT,12V(AUTO)**	1
17	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
18	27115GT	GASKET,UPPER CONTROL BOX	1
19	65457-SGT	CONTROL BOX W/DECAL-Z60 includes index number 16	1
20	12348GT	SCREW,RHM,6-32 X .75	2
21	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners	1

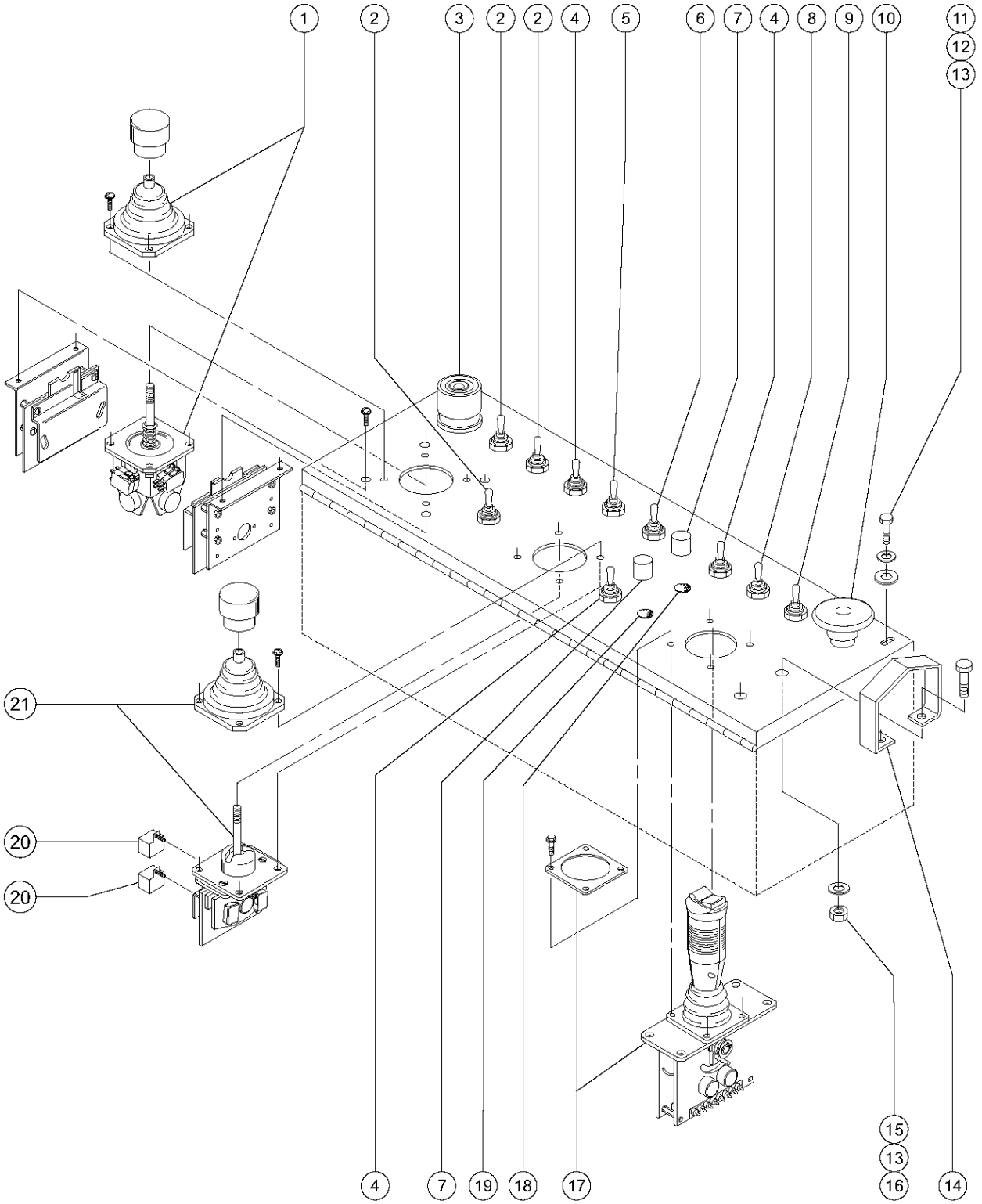
703.1 Platform Controls - View 1



703.1 Platform Controls - View 1

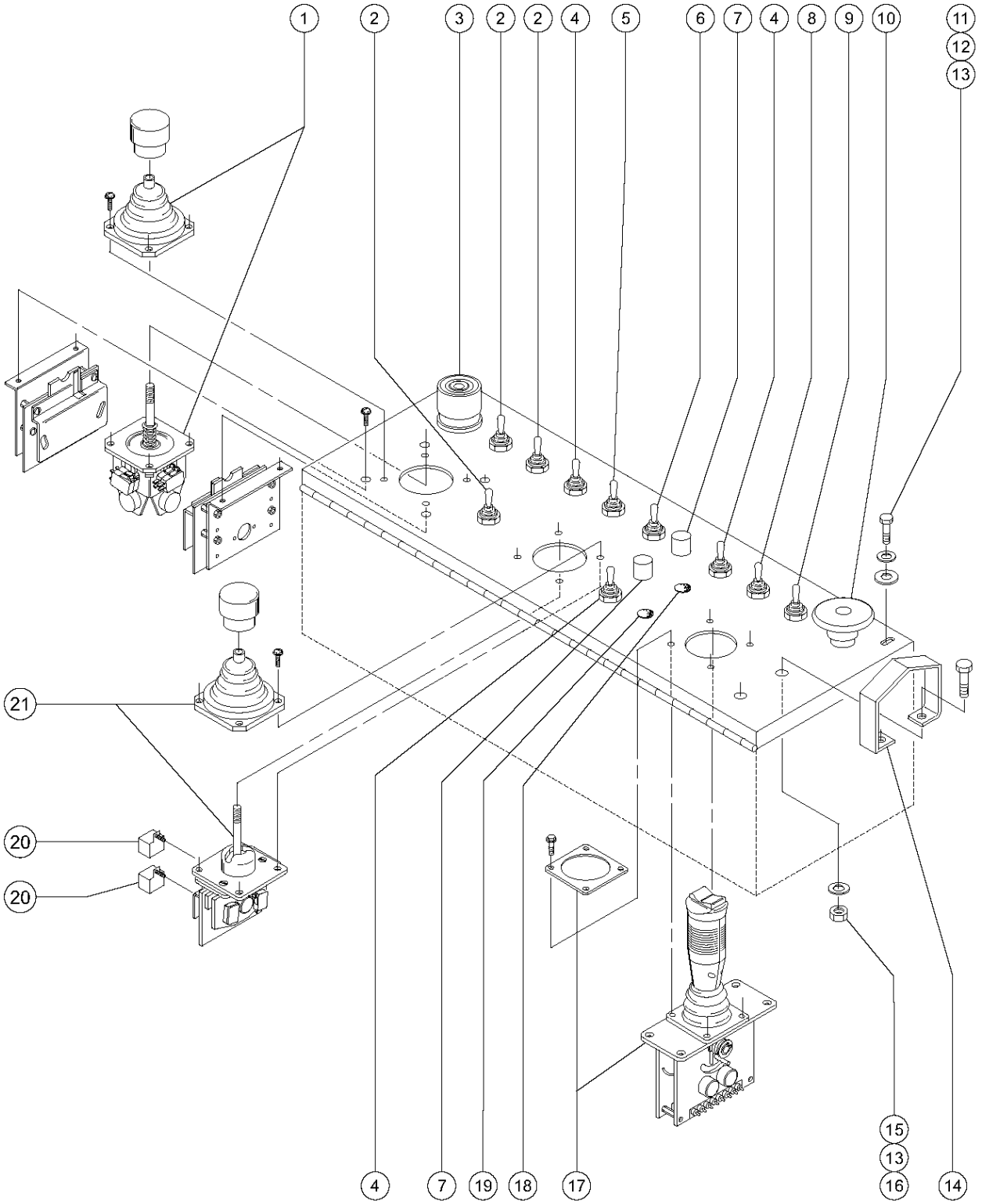
Item	Part No.	Description	Qty.
22	43960GT	WIRE CABLE,16/4 CON.TPE JKT	66 inches
23	43960GT	WIRE CABLE,16/4 CON.TPE JKT	234 inches
24	35934GT	WIRE CABLE,18/19 CON.TPRJKT	1008 inches
25	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	2
26	14041GT	LOCKNUT,ELECTRIC,3/4"	2
27	34769GT	WASHER,REDUCING 3/4" TO 1/2"	1
28	43955GT	WIRE CABLE,12/3 CON.TPE JKT	1008 inches
29	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
29-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1

704.1 Platform Controls - View 2



Item	Part No.	Description	Qty.
	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
1		Ref., JOYSTICK CONTROLLER,12V refer to 707.1	1
2	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM includes mounting fasteners	3
	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
3	122513GT	KIT,HORN SVC BB&SM BOOM	1
3-	66813GT	BUTTON,PUSH,BLACK W/SEAL*** includes 1 each N.O. contact	1
3-	66815GT	BASE, W/1 N.O. CONTACTS***	1
4	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners	3
5	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM includes mounting fasteners	1
6	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners	1
7	824879GT	LIGHT,LED IND. RED 12V NH Ford Models	1
7-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Deutz Models	1
7-	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners; Deutz Models	1
8	128206GT	SWITCH TOGGLE ASSY DPDT 3P MNT includes mounting fasteners	1
9	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners; Ford Models	1
9-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Deutz Models	1
10	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
10-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
10-	66818GT	CONTACT,NC includes 2 each N.C. contacts	1
10-	66821GT	BASE,WITHOUT CONTACTS	1
10-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
11	6090GT	SCREW, HHC, 1/4-20 X .75	3
12	6356GT	WASHER, LOCK, .25	3
13	6638GT	WASHER, FLAT, USS, 1/4"Y	5
14	27033P-SGT	SUPPORT,WRIST,PAINTED-BLUE	1
15	8914GT	SCREW, HHC, 1/4-20 X .625	2
16	6889GT	NUT,LP NYLOCK,1/4-20	2
17		Ref., JOYSTICK CONTROLLER,12V refer to 705.1	1

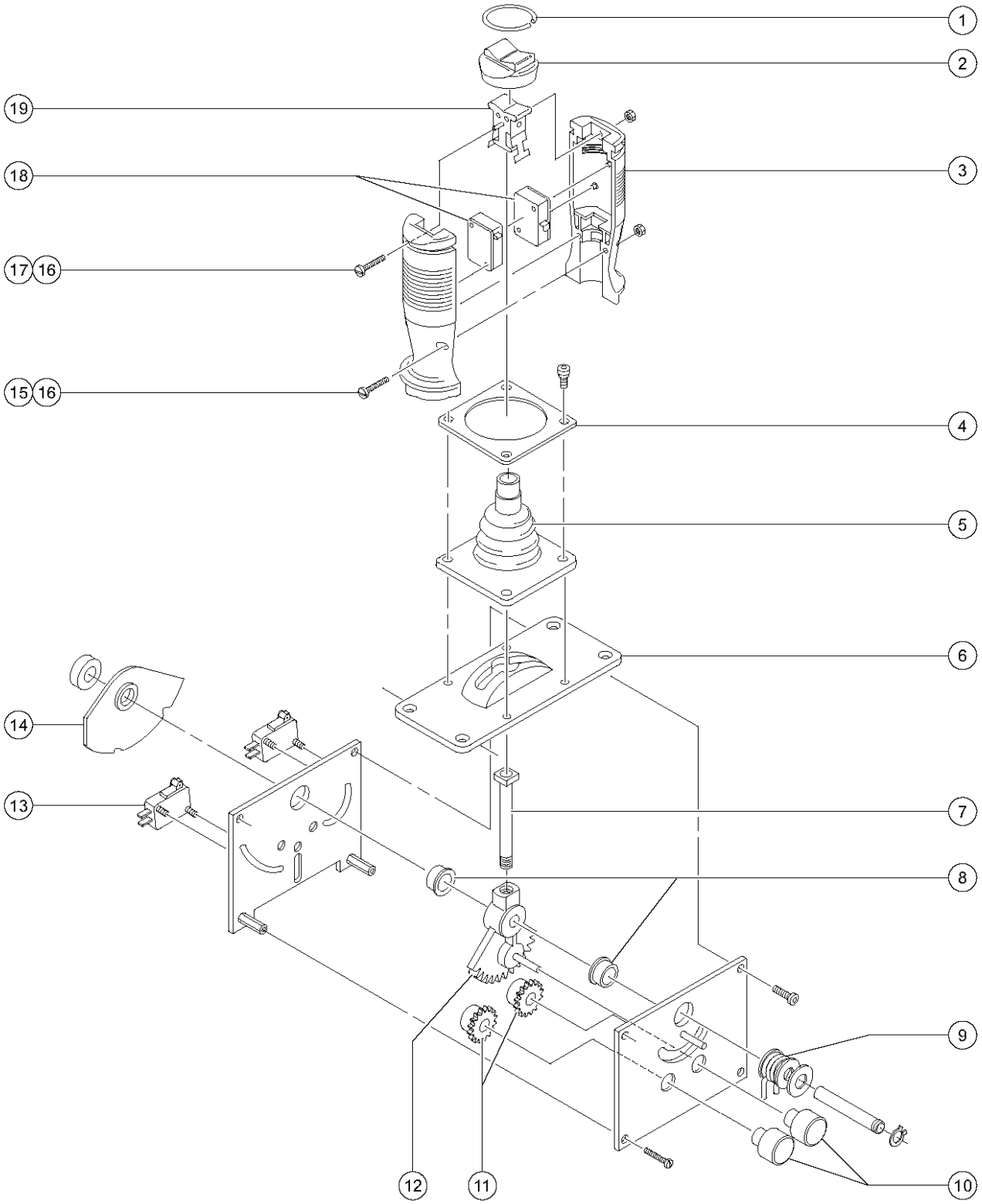
704.1 Platform Controls - View 2



704.1 Platform Controls - View 2

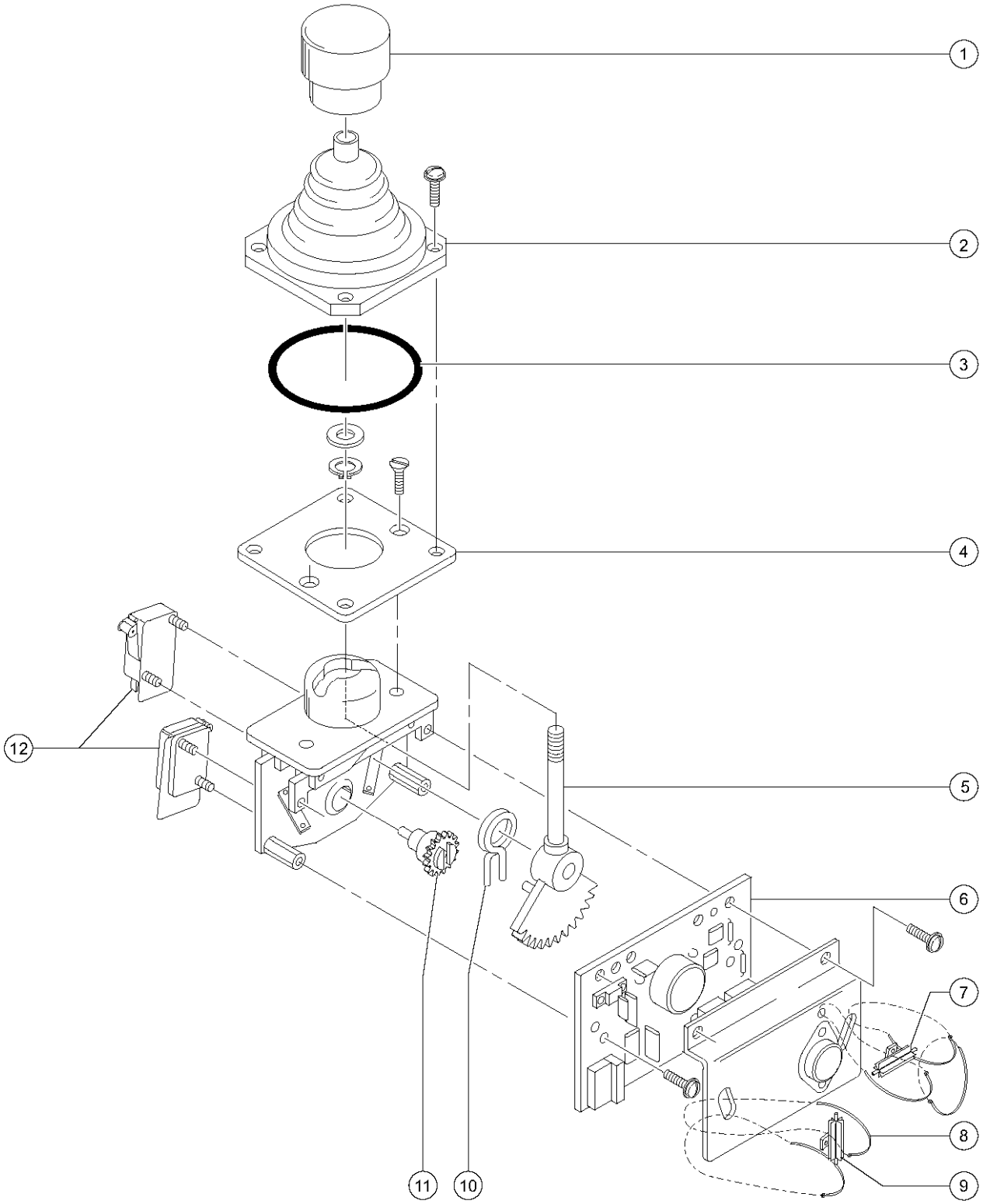
Item	Part No.	Description	Qty.
18	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
18-	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners; Option - CE Models	1
19	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
19-	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners; Option - Generator	1
20	19274GT	RELAY,SPDT,12V(AUTO)**	2
21		Ref., JOYSTICK CONTROLLER,12V refer to 706.1	1

705.1 Joystick Controller - Drive/Steer Functions



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)	
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

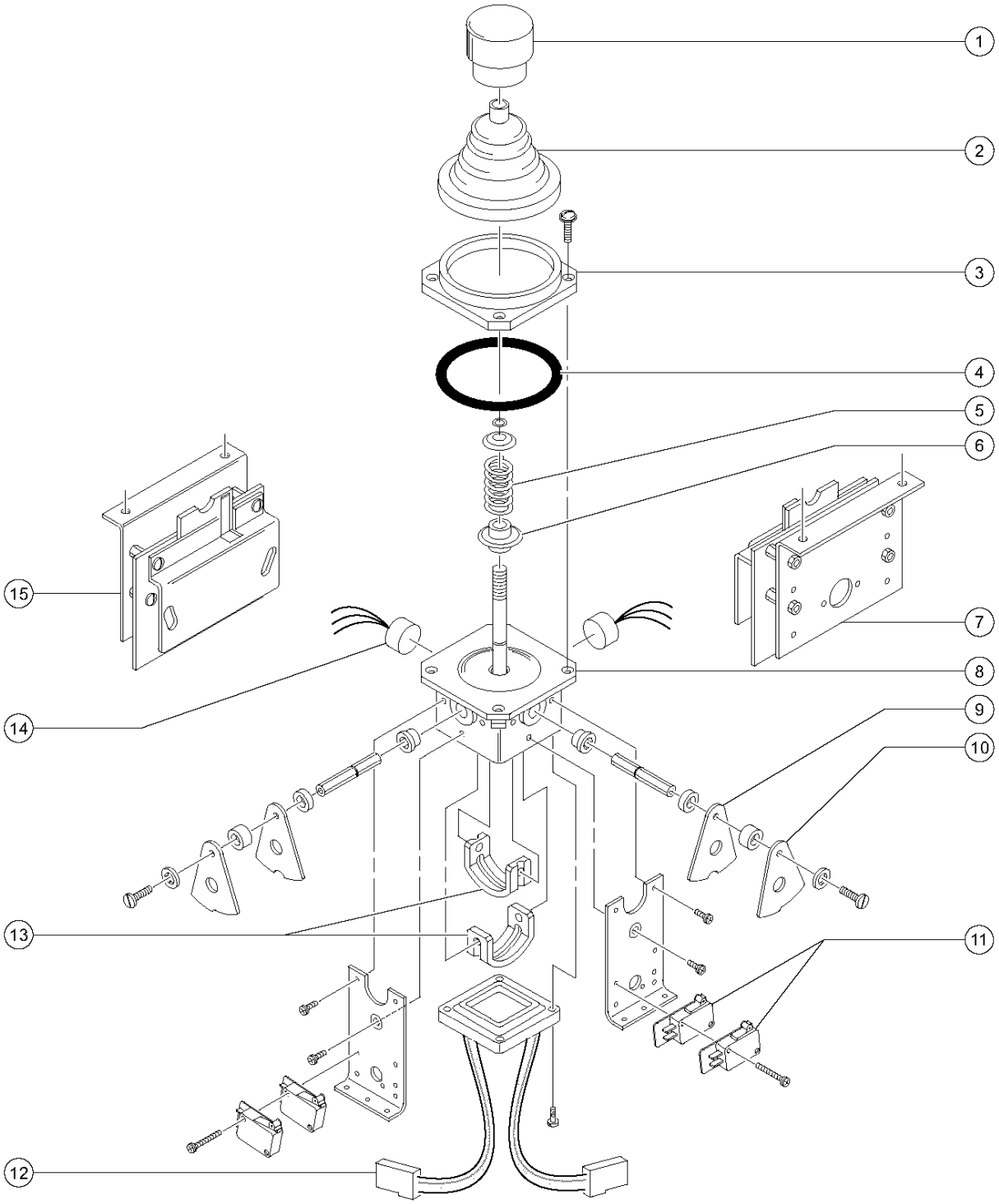
706.1 Joystick Controller - Secondary Boom Functions, Single Axis



706.1 Joystick Controller - Secondary Boom Functions, Single Axis

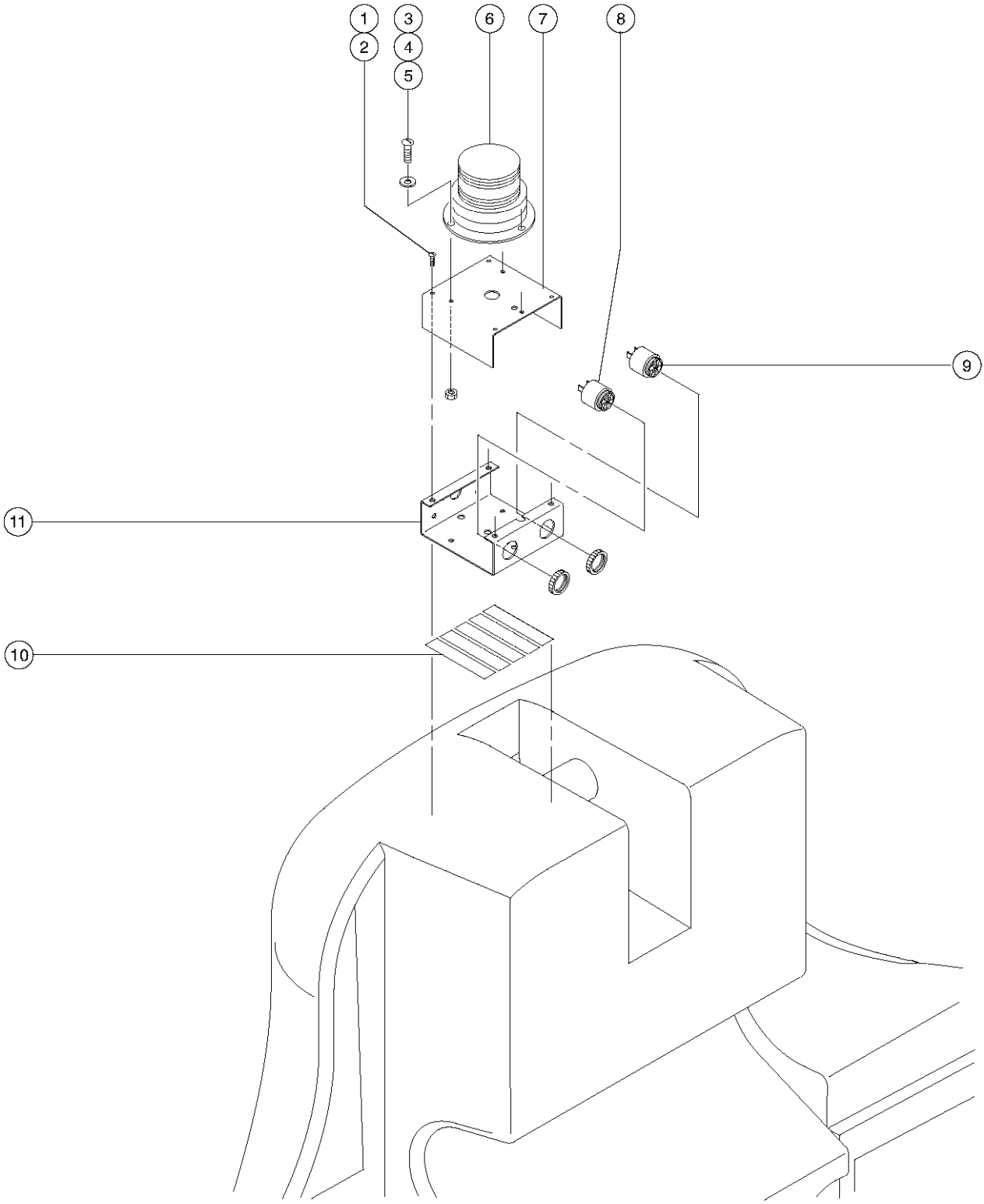
Item	Part No.	Description	Qty.
	24495GT	JOYSTICK,SINGLE AXIS PROPORT OEM joystick, contains index numbers 1 - 6 and 10 - 12	
	24495HGT	JOYSTICK,SINGLE AXIS PROPORT aftermarket joystick replacement	
1	27133GT	HANDLE,CAP,CONTROLLER	1
2	27134GT	BOOT,CONTROLLER	1
3	31526GT	O-RING,BOOT,CONTROLLER	1
4	19720GT	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
11	19731GT	GEAR, SLAVE, MS4,45048	1
12	19712GT	MICROSWITCH,V3L-139-D8	2

707.1 Joystick Controller - Primary Boom and Turntable Rotate Functions



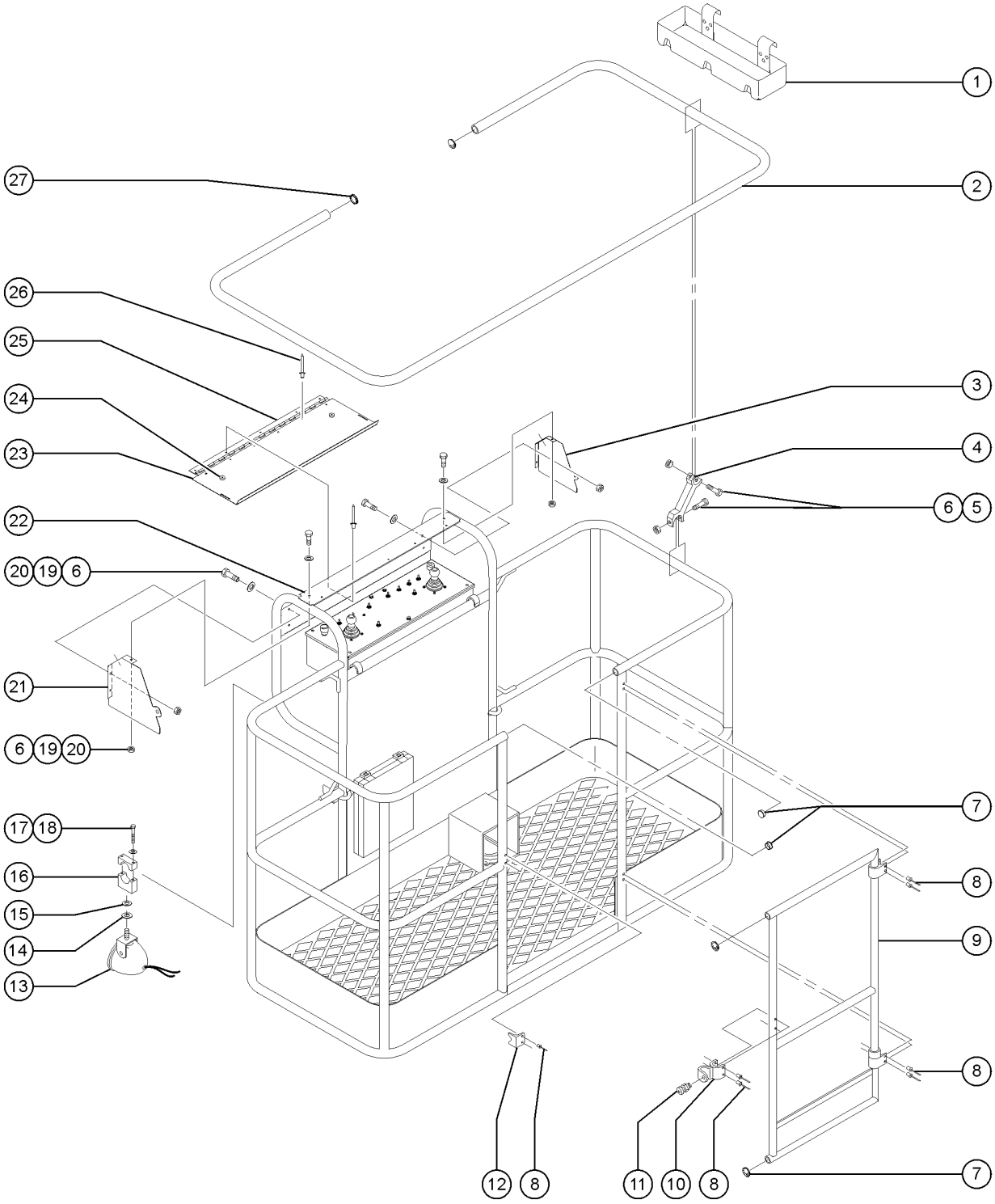
Item	Part No.	Description	Qty.
	53073GT	JOYSTICK,MULT AXIS CONT,OEM*** ..... OEM joystick, contains all shown service parts	
	53073HGT	JOYSTICK,MULT AXIS CONT ..... aftermarket joystick replacement	
1	27133GT	HANDLE,CAP,CONTROLLER	1
2	27134GT	BOOT,CONTROLLER ..... includes 46272 flange	1
3	46272GT	FLANGE-JOYSTICK 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

801.1 Alarm and Beacon Package



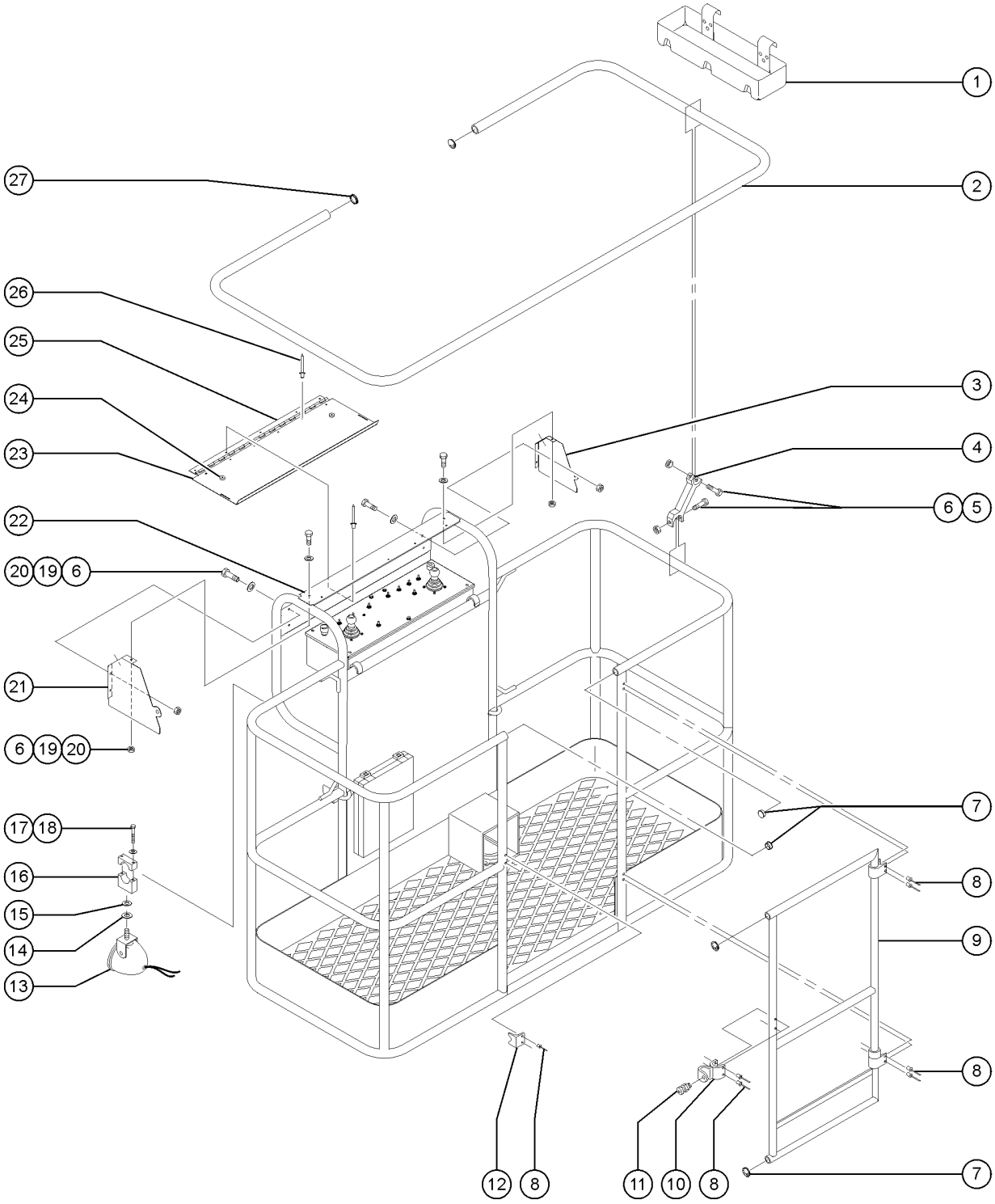
Item	Part No.	Description	Qty.
	48462-SGT	Z60 ALARM PACKAGE	
1	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	4
2	23405GT	NUTSERT,10-32 STEEL CAD PLTD	4
3	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	3
4	6146GT	WASHER,FLAT,MS,#10,Y	3
5	6178GT	NUT, NYLOCK, 10-32	3
6	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** (replaced 20189)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

802.1 Platform Options



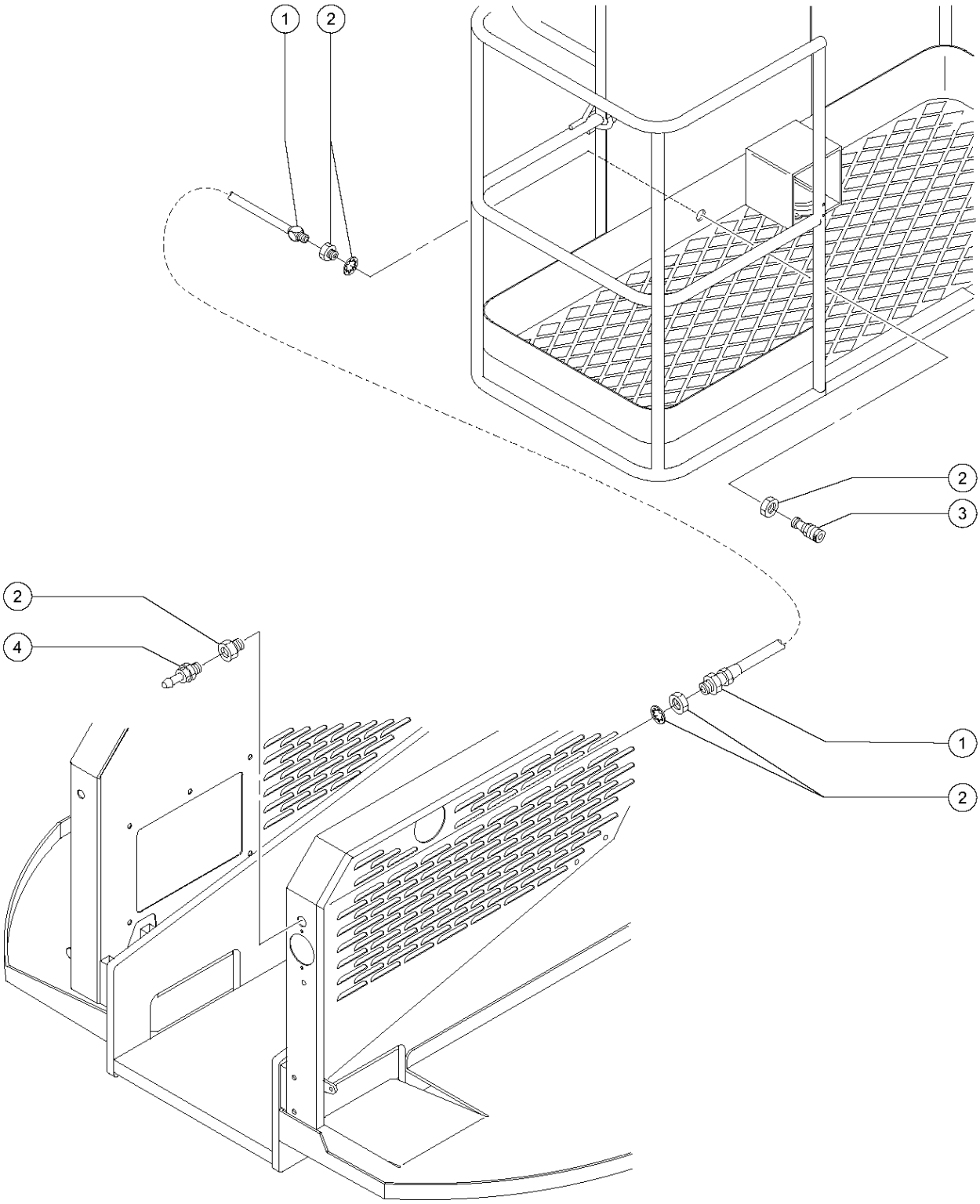
Item	Part No.	Description	Qty.
	34321-SGT	OPTION,WORKLIGHT,12 VOLT	
1	9599-SGT	TOOL TRAY ACCESSORY***	1
2	1259704GT	PINCH GUARD RAIL,6' PLATFORM includes 55753 bumpers	1
2-	28856-SGT	PLAT.PINCH GUARD,8',1.3	
2-	52661GT	PINCH GUARD RAIL,8' PLATFORM**	1
3	119797GT	CONTROL BOX COVER, RIGHT SIDE*	
4	139958GT	KIT, AUX TOP RAIL SUPPORT	10
5	4266GT	SCREW,HHC,1/4-20 X 2	20
6	6889GT	NUT,LP NYLOCK,1/4-20	20
7	31120GT	PLUG,NYLON 1.187 BLACK DOMED	4
8	7265GT	RIVET,STEEL,P, .25 X .375	14
9	128368GT	KIT,SWING GATE W/SPRING	
9	1290135GT	KIT,HALF FRONT,SWING GATE	
9-	42104GT	SPRING,SHORT PLATFORM GATE	
9-	9596GT	HINGE CASTING	
10	1487GT	GATE LATCH CASTING--DRILLED	1
11	63311GT	SNAP PIN	1
12	1488GT	RAILING CATCH CASTING--DRILLED	1
13	107858GT	WORKLIGHT,48 VOLT	2
13A	35960GT	BULB,WORKLIGHT,12V 35W	
14	6036GT	WASHER,LOCK,.625 PLTD	1
15	6035GT	WASHER,FLAT,USS,5/8",Y	1
16	35956GT	WORK LIGHT MOUNTING BRACKET	2
17	6145GT	SCREW, HHC, 1/4-20 X 1.5	4
18	6356GT	WASHER, LOCK, .25	4
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	6090GT	SCREW, HHC, 1/4-20 X .75	
21	119796GT	CONTROL BOX COVER,LEFT SIDE**	

802.1 Platform Options



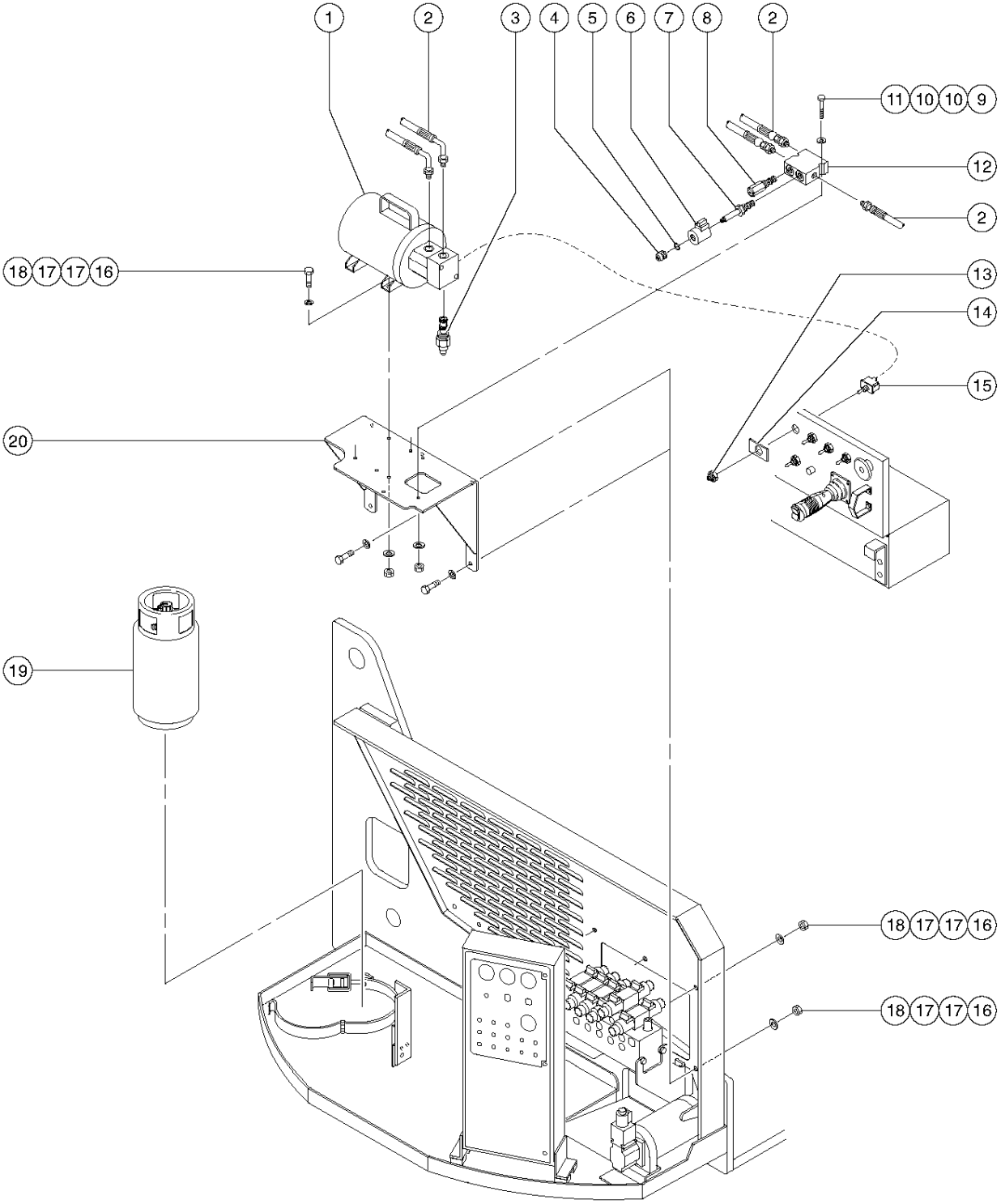
Item	*Part No.*	*Description*	*Qty.*
22	119562PGT	GUARD,PLATFORM CNTRL PANEL PTD	
22-	119642GT	KIT,PLAT CONTROL PANEL GUARD** includes part 119562P, required for first time installation	
23	89915PGT	COVER,CONTROL BOX LID	
23-	119795GT	KIT,CONTROL BOX COVER includes part 89915P, index number 22 is required for first time installation	
24	43392GT	BUMPER,BATTERY BOX & RAILS	
25	111526GT	HINGE,PLAT CONTROL BOX COVER	
26	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	
27	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2

803.1 Airline to Platform



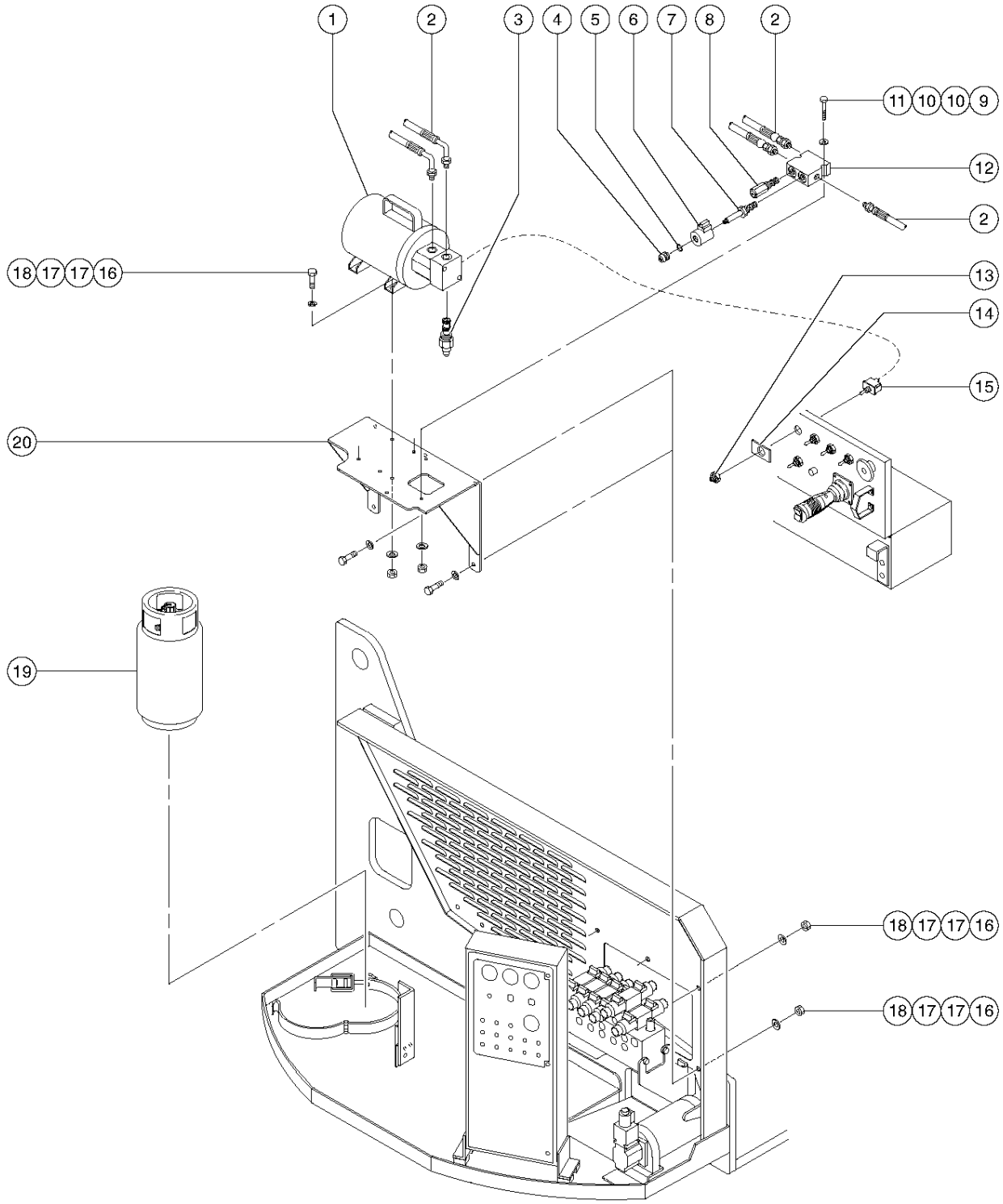
Item	Part No.	Description	Qty.
	30505GT	Z60 AIRLINE TO PLATFORM	
	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
1	49190-94800GT	HOSE ASSEMBLY,1/2"	1
2	49212GT	FEMALE BULKHEAD CONNECTOR-8	2
3	49215GT	MPT,CPLR,1/4"SER,3/8"X18	1
4	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	1

804.1 Generator and Spare LPG Tank



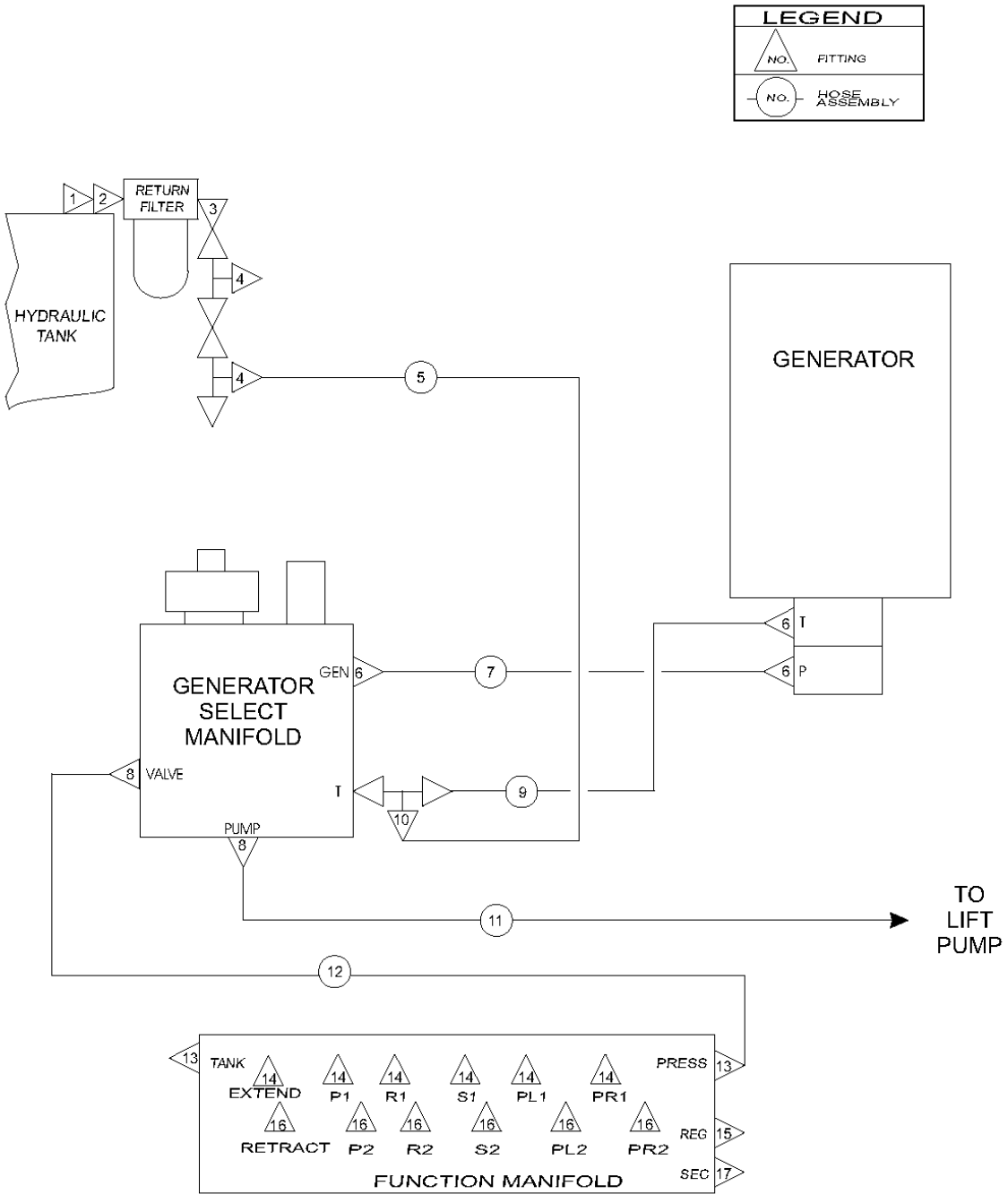
Item	Part No.	Description	Qty.
1A	30459-SGT	Z60 2000W HYD GENERATOR	1
1A-	53801GT	TERMINAL,FEM.DISCONNECT,16-14G includes index number 3	
1A-	32732GT	RECTIFIER ASSEMBLY	
1A-	58402GT	BRIDGE,50A FULL WAVE**	
1A-	32734GT	BRUSH ASSEMBLY	
1A-	32736GT	MOTOR,HYDRAULIC GENERATOR	
1B	36927-SGT	Z60 2500W,220/50H GENERATOR	1
1B-	36928GT	GENERATOR,2500W HYD.220/50HZ includes index number 3	
1B-	32732GT	RECTIFIER ASSEMBLY	
1B-	58402GT	BRIDGE,50A FULL WAVE**	
1B-	52085GT	BRUSH HOLDER ASSY, 2500W GENER	
1B-	32736GT	MOTOR,HYDRAULIC GENERATOR	
1B-	T111608GT	SEAL,RETAINING RING for pump	
1B-	T111609GT	SEAL,SHAFT for pump	
1B-	T111610GT	SPACER for pump	
1B-	T111611GT	BEARING,MOTOR for pump	
1B-	T111612GT	RETAINING RING for pump	
1B-	T111613GT	SHAFT,MOTOR for pump	
1B-	147836GT	SEAL, GASKET, .00075" *GOLD* for pump	
1B-	147837GT	SEAL, GASKET, .0005" *SILVER* for pump	
1B-	147838GT	SEAL, GASKET, .0010" for pump	
1B-	58954GT	O-RING,SPACER #115*** for pump	
1C		Z60 3000W HYD GENERATOR Part is no longer available	1
1C-	110393-SGT	GEN.OPT.FORD,110V/3000W Z45*** includes index number 3	
1C-	32732GT	RECTIFIER ASSEMBLY	
1C-	58402GT	BRIDGE,50A FULL WAVE**	
1C-	52000GT	BRUSH ASSEMBLY	
1C-	52001GT	HYDRAULIC MOTOR 3000W GENER	

804.1 Generator and Spare LPG Tank



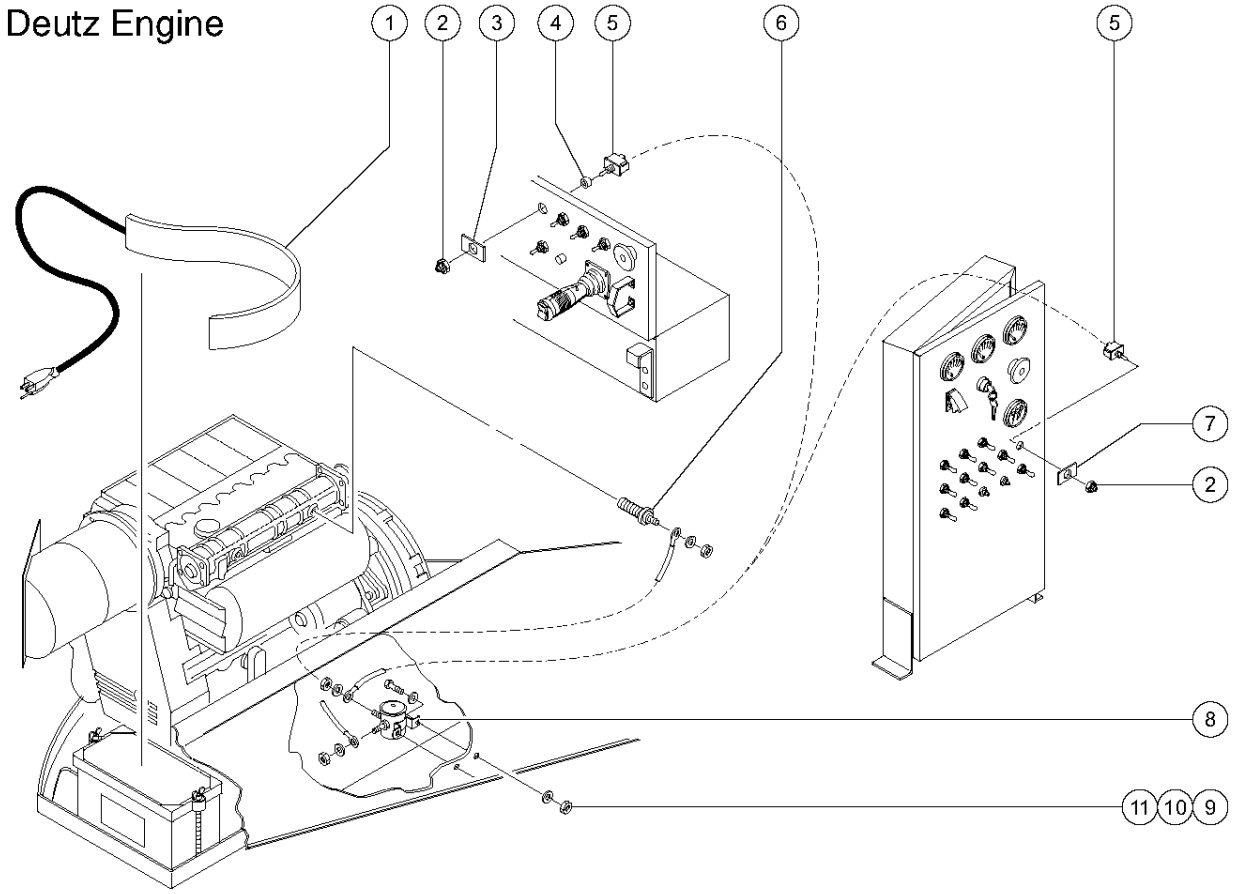
Item	Part No.	Description	Qty.
2		Ref. Hydraulic Hoses and Fittings - Generator Option (refer to Figure 805.1)	
3	32735GT	VALVE,PRI. FLOW REG 4.3 for 2000W & 2500W generators	1
3-	65841GT	PRIORITY FLOW CONTROL VALVE*** for 3000W generators	1
4	33568GT	NUT, CP521-1 VALVE	1
5	45914GT	O-RING, DO1 VALVE	1
6	27535GT	COIL,12V.DO1 VALVE use until exhausted	1
7	19969GT	VALVE,SOLENOID (18660)*** includes index numbers 4 through 6	1
8	44950GT	VALVE,RELIEF,1500 PSI***	1
9	4266GT	SCREW,HHC,1/4-20 X 2	2
10	6638GT	WASHER, FLAT, USS, 1/4"Y	4
11	6091GT	NUT,NYLOCK,1/4-20	2
12	53976GT	MANIFOLD,GENERATOR includes index numbers 4 through 8	1
13	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
14	133518GT	DECAL, PATCH, GEN,ALC-500	1
15	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners	1
16	7713GT	NUT, LP NYLOCK, 3/8-16	8
17	5397GT	WASHER, FLAT, USS, 5/16-18	16
18	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
19	73963GT	LPG TANK,OPTION	1
20	31548PGT	MOUNT BRACKET,GENERATOR PAINT	1

805.1 Hoses and Fittings - Generator Option

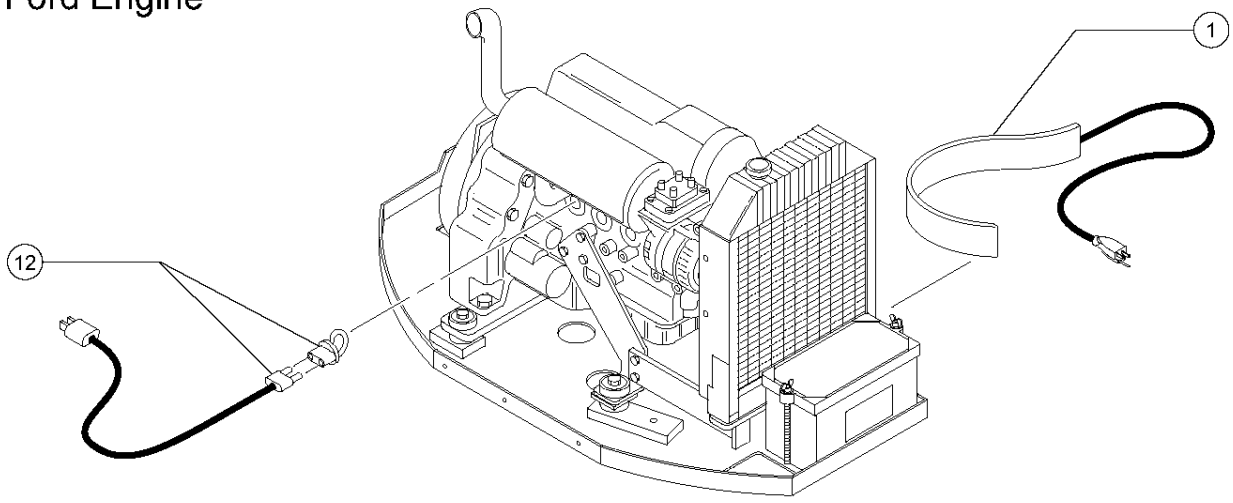


Item	Part No.	Description	Qty.
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49512GT	ELBOW,90DEG,FEM,1"NPT	1
2	49513GT	ADAPTER,PIPE NIPPLE	1
3	48915GT	ELBOW,90D,520220-6	1
4	48964GT	TEE,RUN,SWIVEL,520432-12	2
5	58112GT	HOSE GEN.MAN TO FILTER (PAR)	1
6	48933GT	CONN,520120-8***	3
6-	48946GT	CONN,520120-8-10 3000 Watt Models only	1
7	58113GT	HOSE,GEN.MOTOR TO MAN(PAR)	1
8	48948GT	CONN,520120-8-12	2
9	58115GT	HOSE GEN.MTR TO GEN.MAN.(PAR)	1
10	48935GT	TEE,RUN, 520428-8	1
11	49162-7303-SGT	HOSE ASSEMBLY,1/2	1
12	58114GT	HOSE,GEN. MAN.TO FUNC.MAN(PAR)	1
13	48932GT	FITTING,ELBOW,90D,520220-8***	2
14	48917GT	CONN,LONG,520122-6	6
15	49511GT	VALVE,CHECK	1
16	48916GT	CONN, 520120-6	6
17	48930GT	CONN,520120-6-8	1

Deutz Engine

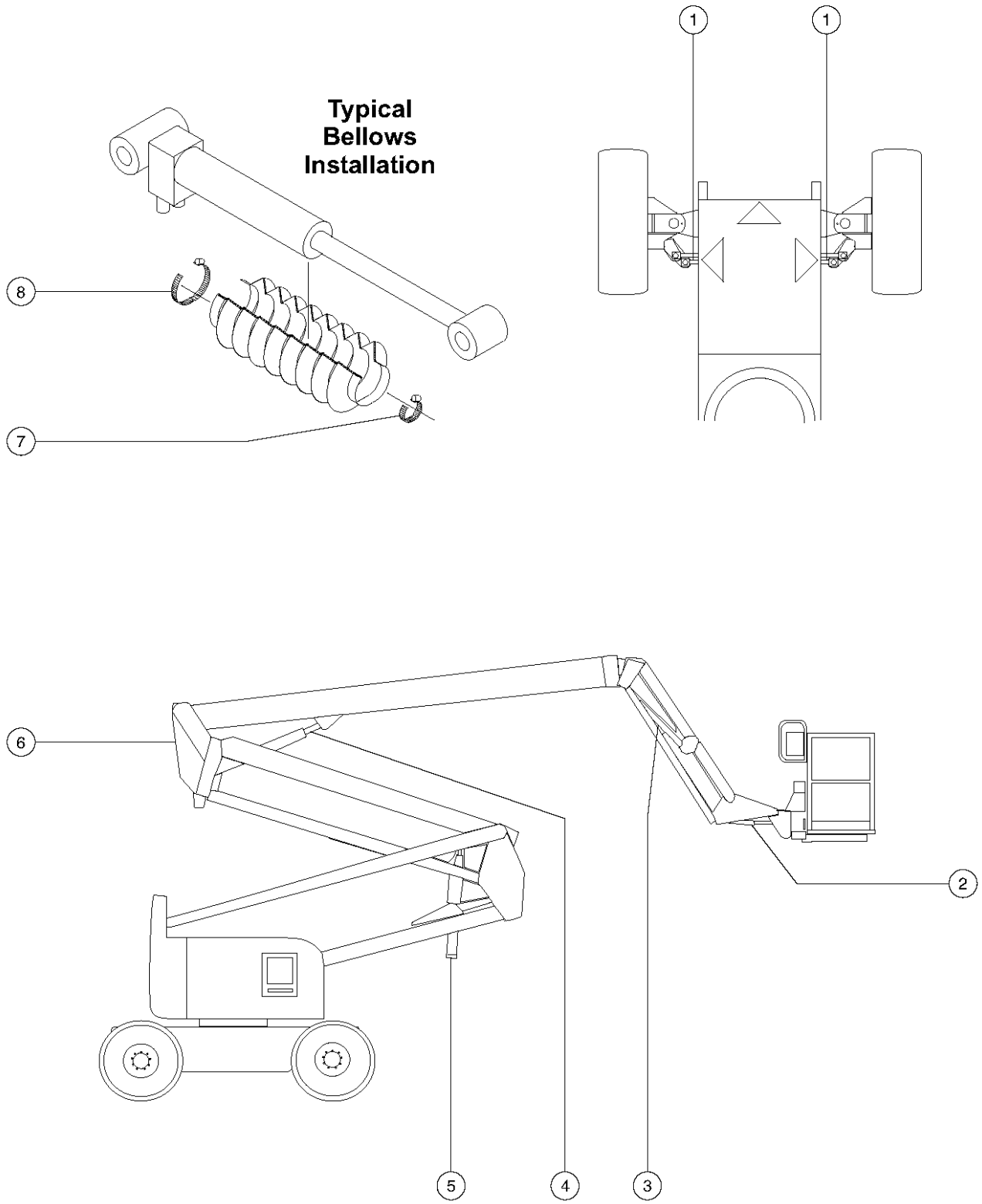


Ford Engine



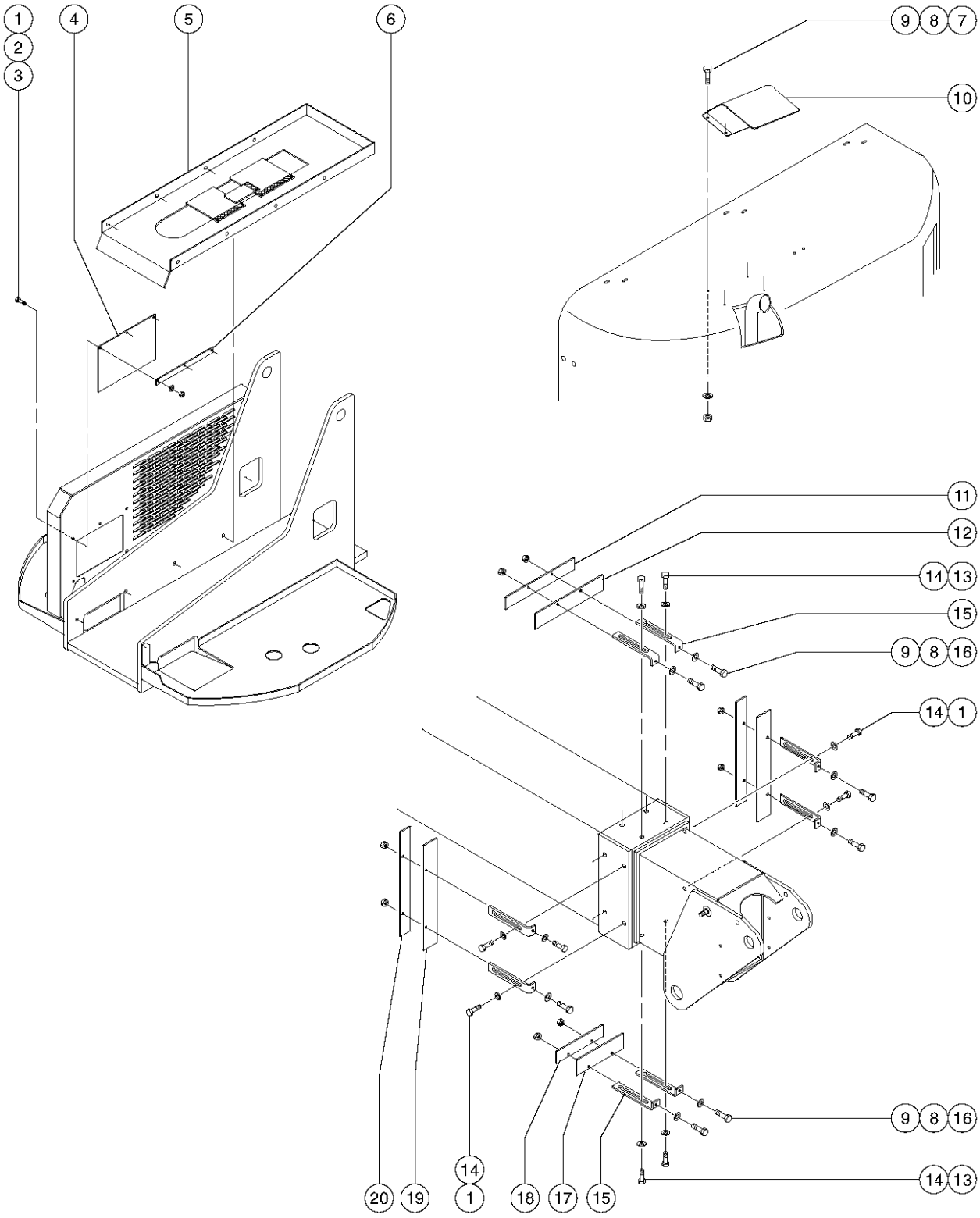
Item	Part No.	Description	Qty.
	53156GT	COLD START,FORD, BIG BOOM Ford Models	
	53159GT	COLD START,DEUTZ,BIG BOOM Deutz Models	
1	28853GT	BLANKET,BATTERY	2
2	27246GT	BOOT,TOGGLE SWITCH,SHORT* Deutz Models	2
3	32726GT	DECAL,OPTION GLOW PLUGS*** Deutz Models	1
4	54692GT	SPACER,NYLON,.718 X .526 X.219	1
5	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners; Deutz Models	2
6	31408GT	GLOW PLUG,L1011 Deutz Models	1
7	49927GT	DECAL,OPTION GLOW PLUGS*** Deutz Models	1
8	27155GT	SOLENOID,12V CONTINUOUS*** Deutz Models	1
9	6091GT	NUT,NYLOCK,1/4-20 Deutz Models	2
10	6638GT	WASHER, FLAT, USS, 1/4"Y Deutz Models	4
11	6090GT	SCREW, HHC, 1/4-20 X .75 Deutz Models	2
12	35610GT	HEATER,FREEZE PLUG,FORD LRG423 Ford Models	1

807.1 Hostile Environment Package, Bellows and Cylinders



Item	Part No.	Description	Qty.
	34965GT	Z60 STD.HOSTILE ENVIRONMNT PKG	
	34964-SGT	Z60 DLX, HOSTILE ENVIRONMENT includes 34962	
	34963GT	Z60 HOSTILE ENVIRONMENT FORD	
	34962GT	Z60 HOSTILE ENVIRONMENT DEUTZ	
1	34922GT	COVER,PROTECTIVE,STEERING include 1 each of index numbers 7 and 8	2
2	34923GT	COVER,PROTECTIVE,Z60 SLAVE include 1 each of index numbers 7 and 8	1
3	34925GT	COVER,PROTECTIVE,Z60 JIB include 1 each of index numbers 7 and 8	1
4	34924GT	COVER,PROTECTIVE,Z60 PRIMARY include 1 each of index numbers 7 and 8	1
5	34904GT	COVER,PROTECTIVE,Z60 ELEVATE include 1 each of index numbers 7 and 8	1
6	34926GT	COVER,PROTECTIVE,Z60 MASTER include 1 each of index numbers 7 and 8	1
7	45171GT	CLAMP,HOSE,1.75,LINED	5
8	30971GT	CLAMP,HOSE,3.00"	5

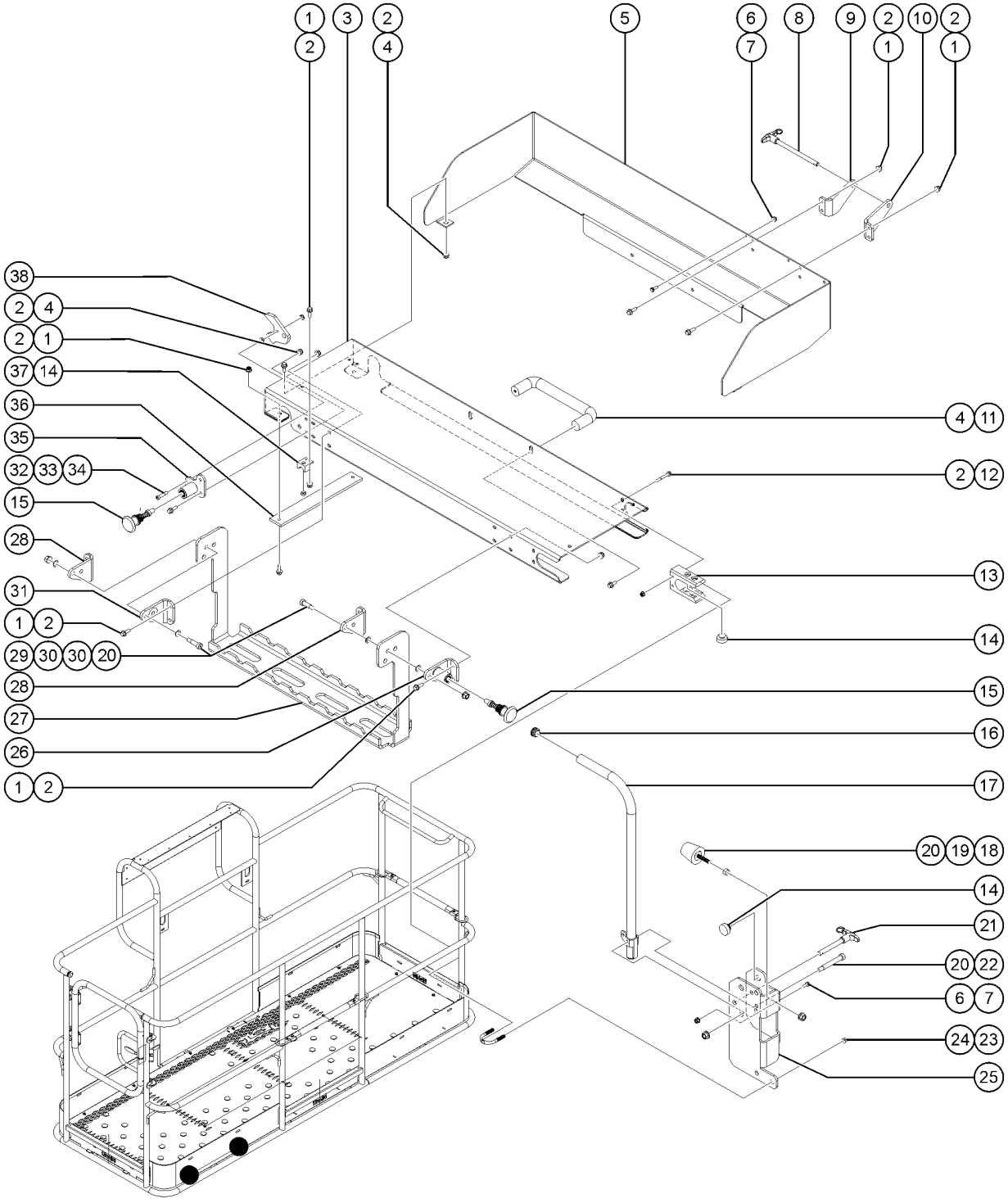
808.1 Hostile Environment Package - View 2



808.1 Hostile Environment Package - View 2

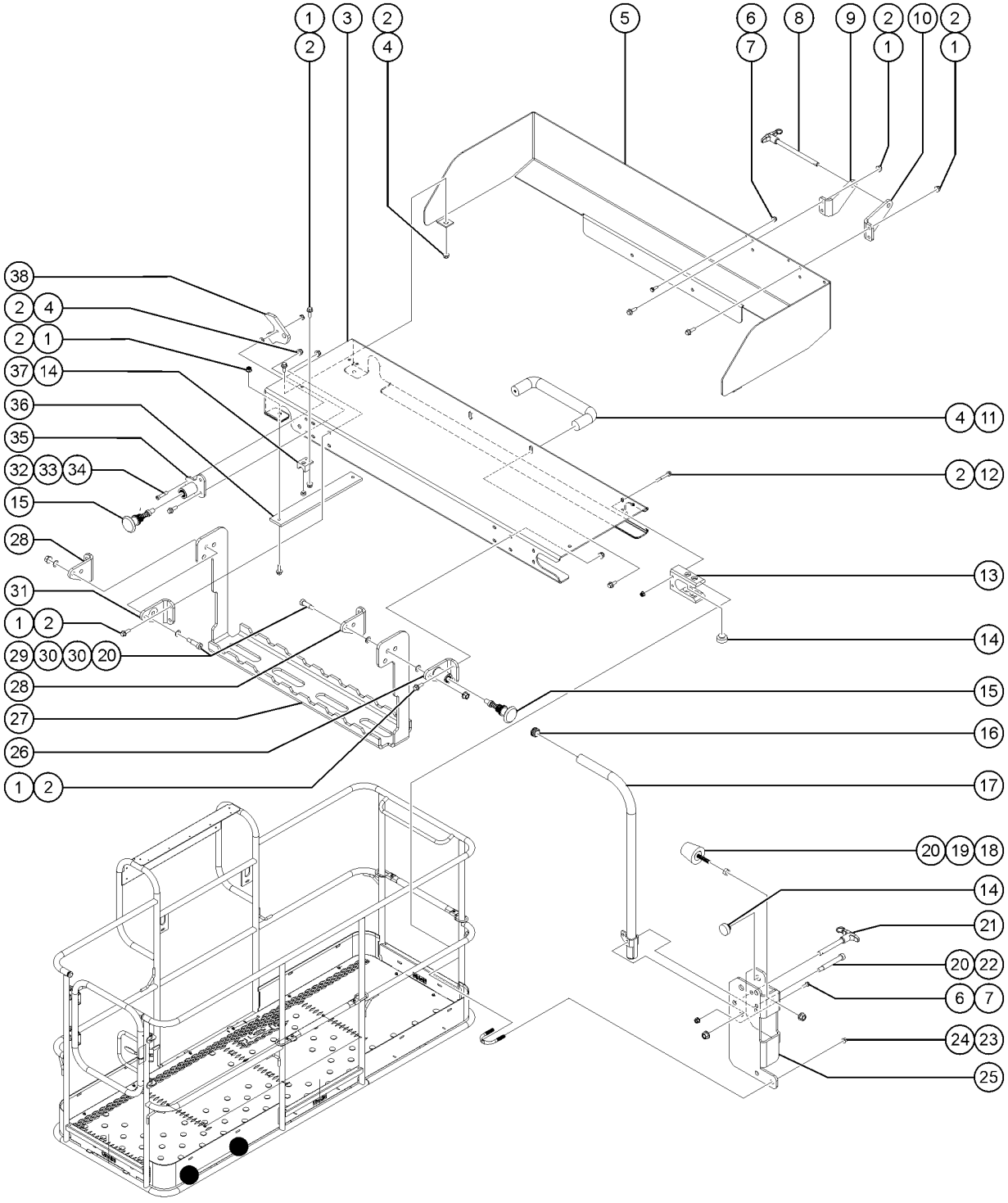
Item	Part No.	Description	Qty.
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
2	5397GT	WASHER, FLAT, USS, 5/16-18	3
3	4828GT	NUT, NYLOCK, 3/8-16	3
4	34901PGT	PLATE,BLUE	1
5	34850GT	COVER,PROTECTIVE,SWING CHASSIS	1
6	34902GT	RUBBER FLAP	1
7	6145GT	SCREW, HHC, 1/4-20 X 1.5	2
8	6638GT	WASHER, FLAT, USS, 1/4"Y	10
9	6091GT	NUT,NYLOCK,1/4-20	10
10	34359-SGT	EXHAUST HOOD WELDMENT	1
11	34895GT	RUBBER WIPER,TOP	1
12	34898PGT	BRACKET,WIPER ATTACHMENT,BLUE	1
13	6175GT	SCREW,HHC,3/8-16 X 1	8
14	6021GT	WASHER, LOCK, .375	16
15	34509PGT	BRACKET,ADJ.WIPER MOUNT PAINT	8
16	8915GT	SCREW, HHC, 1/4-20 X 1.25	8
17	34900PGT	BRACKET,WIPER ATTACHMENT,BLUE	1
18	34897GT	RUBBER WIPER,BOTTOM	1
19	34899PGT	BRACKET,WIPER ATTACHMENT,BLUE	2
20	34896GT	RUBBER WIPER,SIDE	2

809.1 Lift Tools Access Deck - 8 Feet



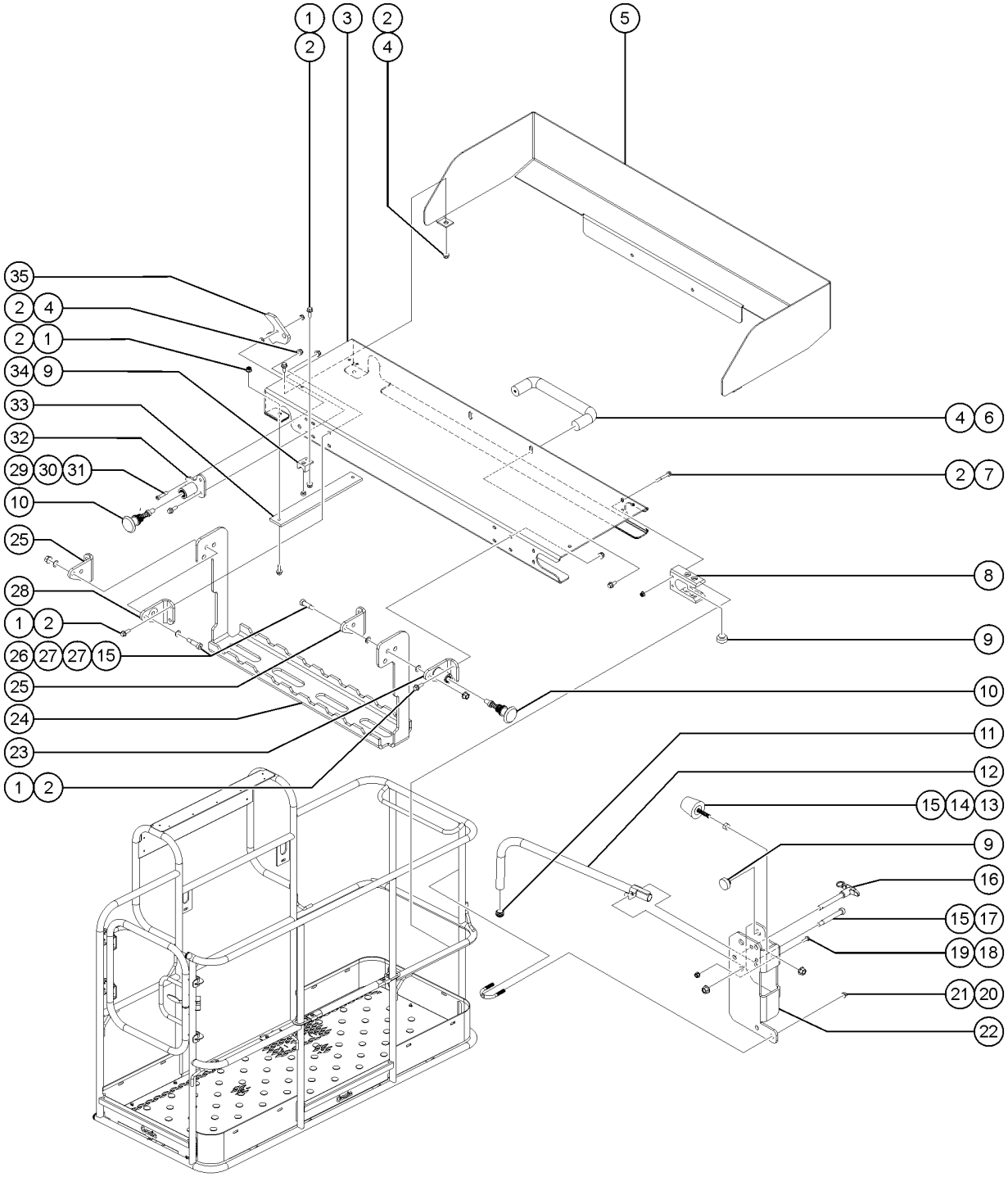
Item	Part No.	Description	Qty.
-	1291798GT	KIT, LIFT TOOLS ACCESS DECK, 8FT PLATFORM, ANSI	
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	20
2	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	28
3	1291799GT	FORMING, ACCESS DECK	1
4	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	6
5	1291800GT	FORMING, ACCESS DECK TOEBOARD, 8FT PLATFORM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

809.1 Lift Tools Access Deck - 8 Feet



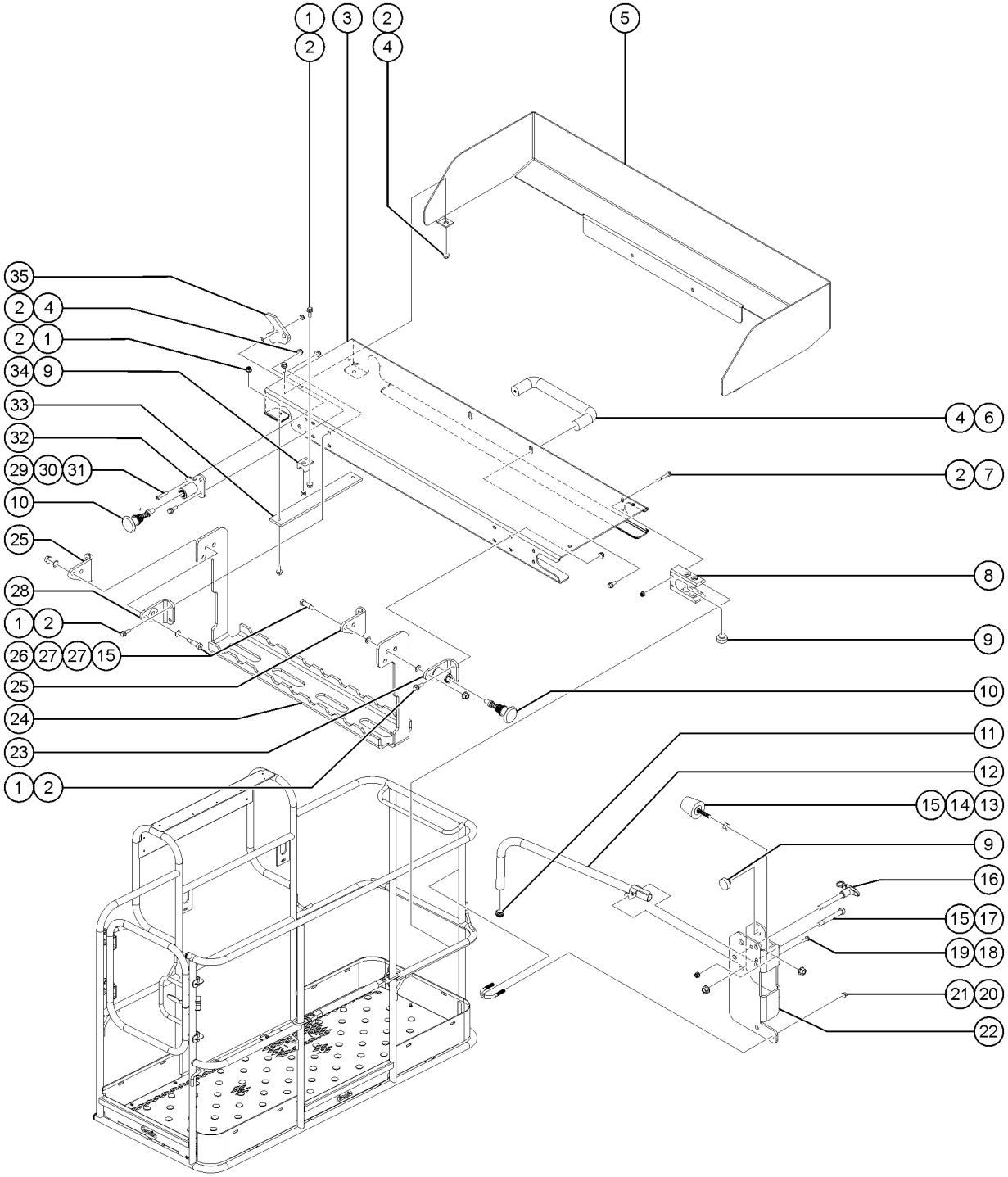
Item	Part No.	Description	Qty.
25	1293706GT	FORMING, ACCESS DECK HANDLE	1
26	1291844GT	WELDMENT, ACCESS DECK STEP LOCK	1
27	1291801GT	FORMING, ACCESS DECK STEP, 8FT PLATFORM	1
28	1291804GT	FORMING, ACCESS DECK LEFT EYE, 8FT PLATFORM	2
29	1291819GT	BOLT,SHS,3/8X7/8X5/16-18,ZAG	2
30	1292828GT	WASHER,FLAT,.39,.625,.036,ZAG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

810.1 Lift Tools Access Deck - 6 Feet



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

810.1 Lift Tools Access Deck - 6 Feet



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

Part no.	Page Number
1487GT	185
1488GT	185
1505GT	119
4266GT	185, 193
4828GT	69, 87, 91, 95, 97, 111...
5361GT	147
5365GT	61
5387GT	133, 137
5397GT	15, 19, 23, 41, 45, 65...
5923GT	15
6019GT	63, 99, 109, 125, 145, 153...
6021GT	15, 17, 23, 39, 45, 63...
6024GT	101, 137, 143
6033GT	15, 17, 29, 39, 49, 65...
6035GT	185
6036GT	71, 77, 185
6037GT	77
6086GT	71, 143
6090GT	21, 27, 43, 49, 63, 71...
6091GT	23, 59, 69, 73, 83, 119...
6095GT	71, 143, 149
6096GT	71
6097GT	69, 77, 81, 85, 87, 95...
6115GT	49
6145GT	127, 153, 185, 201
6146GT	183
6175GT	15, 19, 23, 41, 45, 65...
6178GT	117, 121, 135, 147, 149, 169...
6198GT	143, 149
6326GT	133
6356GT	17, 21, 27, 39, 43, 49...
6550GT	161
6595GT	99
6607GT	17, 23, 39, 103, 137, 165
6638GT	17, 21, 23, 27, 39, 43...
6708GT	111
6782GT	109, 125
6833GT	83
6886GT	57, 77, 83, 99
6888GT	63, 69, 83, 119, 125, 133...
6889GT	57, 87, 91, 101, 149, 173...
6935GT	99, 119, 169
7056GT	99, 119, 165, 169
7265GT	185
7339GT	17, 39, 141
7713GT	81, 89, 93, 101, 133, 149...
8170GT	69, 73
8177GT	65, 79
8178GT	87, 95
8179GT	145
8255GT	147, 149
8357GT	17, 39, 143
8516GT	69, 141, 153
8843GT	169
8910GT	99
8914GT	121, 135, 149, 173
8915GT	59, 165, 201
9596GT	185
9599-SGT	185
10587GT	109
10597GT	15, 17, 29, 39, 49, 133...
10775GT	169
12344GT	169
12348GT	169
12443GT	165
12906GT	125, 141
12960GT	119, 171
12981GT	133
13002GT	21, 99, 127
13003GT	137, 143
13064GT	21, 43, 71, 77, 101, 111...
13066GT	29, 51, 109, 143
13082GT	99
13268GT	119, 169
13482GT	165
13585GT	169
13852GT	153
13918GT	111, 137, 149, 153
14041GT	119, 171
16439GT	19, 41
16584GT	77
17712GT	143
18189GT	69
18503GT	67, 71
18665GT	121
18666GT	157
18722GT	135, 137
18963GT	183
19274GT	117, 169, 175
19418GT	43
19440GT	147
19470GT	105
19487GT	87, 91, 95, 97
19491GT	135, 149
19506GT	115
19712GT	179, 181
19720GT	179
19731GT	179
19969GT	193
19995GT	103
20224GT	25, 47, 105, 159
20424GT	177
20424HGT	177
20776GT	121
20880GT	63, 83
20973GT	165
21121GT	57, 117, 165, 179
21130GT	83
21141GT	87, 91, 95, 97
21144GT	27, 49
21145GT	27, 49
21146GT	27, 49
21149GT	27, 43, 49
21175GT	71, 73, 111
21434GT	179
21444GT	103
21465GT	87, 91, 95, 97
21496GT	83
21604GT	155
21935GT	103
22279GT	65
22364GT	177
22365GT	177
22366GT	177
22367GT	177
22368GT	177

Part no.	Page Number
22541GT	135, 137, 147, 149
22578GT	83
22672GT	59, 69
22700GT	77, 85
22786GT	29, 51
22811GT	29, 51
22965GT	65, 79
22973GT	111
23057GT	57, 73, 83
23083-SGT	101
23404GT	121
23405GT	183
23680GT	177
23688GT	177
23938GT	47
24038GT	69
24470GT	65
24495GT	179
24495HGT	179
24552GT	57
24667GT	51
24675GT	23
25225GT	109
25388GT	101
25404P-SGT	19, 41
25416GT	19, 41
25419GT	15, 17, 39
25436GT	15, 19, 41
25567GT	97
25571P-SGT	63
25769GT	19, 41
25807GT	123
25808GT	123
25837GT	123
25855P-SGT	101
25881GT	177
25882GT	177
25883GT	177
25884GT	177
25929GT	59
25974GT	121
25994GT	13
27010GT	57, 65
27033P-SGT	173
27034GT	71
27067GT	65, 79
27089GT	87, 91, 93, 95, 97
27114GT	125
27115GT	169
27116GT	179
27117GT	179
27133GT	179, 181
27134GT	179, 181
27135GT	179
27142GT	63
27155GT	121, 197
27204GT	13
27205GT	13
27206GT	13
27207GT	13
27246GT	115, 121, 173, 193, 197
27258GT	149
27287GT	117
27326GT	153
27329P-SGT	77
27368P-SGT	183
27377GT	125
27488GT	101
27497GT	153, 155
27507GT	57
27524GT	179
27528GT	165
27535GT	193
27564GT	13
27654PGT	109
27656P-SGT	19, 41
27694GT	17, 39
27695GT	19, 41, 135
27698GT	15, 19, 41
27728GT	111
27761GT	25, 47
27801GT	103
27802GT	103
27804GT	103
27805GT	103
27807GT	103
27814GT	101, 155
27903GT	63
27915GT	81
27916GT	67, 81
27943GT	69
28076GT	71, 73
28157GT	13
28158GT	13
28159GT	13
28160GT	13
28161GT	13
28164GT	13
28165GT	11
28171GT	13
28174GT	13
28175GT	13
28176GT	11
28177GT	11
28178GT	13
28181GT	13
28234P-SGT	71
28235GT	13
28236GT	11
28298GT	119
28310GT	123
28443GT	167
28646GT	127
28647GT	57
28656GT	59
28717GT	63, 69
28750GT	23, 25, 45, 47, 103, 129...
28829GT	93
28833GT	43
28853GT	197
28856-SGT	185
29066GT	101, 155
29073GT	83
29080GT	145
29083GT	155
29137GT	95, 97

Part no.	Page Number
29183GT	147
29210GT	19
29231GT	27, 49
29261GT	17, 39
29280GT	29
29288GT	27, 49
29291GT	113
29314GT	125
29417GT	99
29418GT	99
29419GT	109
29428GT	99
29429GT	99
29436GT	65, 79
29550GT	73
29555GT	73
29557GT	81
29558GT	77
29559GT	77
29560GT	83
29606GT	63
29616GT	63
29733GT	109
29734GT	109
29735GT	109
29739GT	29, 65, 79
29744GT	23, 45
29746GT	15, 19, 41
29764GT	161
29855P-SGT	39
29855PGT	17
29868GT	101, 127
29883GT	43, 71, 77, 101, 137
29891-SGT	21
30021PGT	145
30050-SGT	133, 137
30052P-SGT	139, 141
30080GT	11
30082GT	13
30116GT	145
30137GT	145
30138GT	145
30139GT	145
30144GT	69, 73
30179GT	91, 97
30184PGT	101
30186GT	145
30188GT	153
30189GT	153
30191GT	141
30192GT	141
30193GT	137
30194GT	141
30195GT	141
30196GT	141
30198GT	133, 137
30199GT	135
30201GT	133
30202GT	133
30219GT	153
30220GT	153
30222GT	133, 137
30229P-SGT	99
30230P-SGT	65, 85
30255GT	145, 157
30262-SGT	111
30271GT	77
30272GT	145
30275GT	65, 89, 93
30302P-SGT	27, 49
30315GT	151
30327PGT	111
30328GT	137
30333PGT	143
30339P-SGT	139
30340P-SGT	135
30341P-SGT	135
30369GT	101
30370GT	153
30377GT	149
30387GT	149
30388GT	149
30389GT	149
30390-SGT	149
30391GT	125
30411-SGT	157
30424GT	143
30430GT	127
30438GT	77
30444GT	23
30459-SGT	191
30468GT	127
30469GT	61
30472GT	145
30483PGT	73
30493GT	77
30505GT	189
30546P-SGT	93, 97
30584GT	93, 97
30734GT	15, 17, 39
30769P-SGT	81
30784-975GT	69, 73
30785-1500GT	83
30806GT	79
30810GT	59
30966GT	81
30967GT	81
30971GT	57, 67, 199
30997GT	169
31059GT	11
31060GT	11
31079GT	133
31080GT	133
31082GT	147
31086GT	145, 153
31088GT	21, 43
31089GT	27, 49
31094GT	153
31095GT	153
31100GT	103
31102GT	105
31106GT	133, 141, 155
31120GT	185
31249GT	65, 79
31266GT	17, 39
31281GT	111

Part no.	Page Number
31283GT	181
31305GT	135
31306GT	133, 137
31307GT	139
31308GT	137
31309GT	137
31310GT	133, 141
31408GT	197
31478GT	127
31492GT	149
31493GT	111
31498GT	153
31500GT	113
31502GT	113
31506GT	87, 91, 95, 97
31507GT	89, 93, 95, 97
31524GT	87, 91, 95, 97
31526GT	179, 181
31527GT	103
31528GT	103
31529GT	105
31547GT	19, 41
31548PGT	193
31658GT	87, 91, 95, 97
32309GT	59, 73
32339GT	71
32347GT	183
32611GT	65, 79
32636GT	23, 41, 45
32637GT	123, 169
32638GT	123, 169
32639GT	169
32669GT	29, 51
32698GT	73
32722GT	133, 141
32726GT	11, 197
32732GT	191
32734GT	191
32735GT	193
32736GT	191
32748GT	73
32749GT	75
32975GT	105
33024GT	63, 79
33060PGT	73
33240P-SGT	83
33241P-SGT	83
33277GT	73
33418GT	71, 73
33520GT	25, 47
33521GT	47
33562GT	47
33568GT	193
33629GT	169
33724GT	169
33729GT	79
33952GT	11
33957GT	59
33960GT	59
33963GT	59
33964GT	59
33966GT	61
33968GT	59
33969GT	69
33970GT	61
33972GT	61
33986GT	13
33994GT	103, 129, 159
33996GT	119, 169
34052GT	121
34053GT	121
34054GT	121
34055GT	121
34056GT	121
34057GT	121
34058GT	59
34059GT	83
34162-1900GT	81
34164GT	81
34265GT	73
34321-SGT	185
34359-SGT	201
34448GT	25, 27
34509PGT	201
34619GT	63, 127
34769GT	171
34850GT	201
34895GT	201
34896GT	201
34897GT	201
34898PGT	201
34899PGT	201
34900PGT	201
34901PGT	201
34902GT	201
34904GT	199
34922GT	199
34923GT	199
34924GT	199
34925GT	199
34926GT	199
34927P-SGT	71
34929-SGT	69
34942P-SGT	71
34942PGT	71
34943P-SGT	71
34962GT	199
34963GT	199
34964-SGT	199
34965GT	199
35067GT	81
35460GT	69
35461GT	69
35586GT	73
35599GT	13
35610GT	197
35611GT	153
35811GT	119
35934GT	119, 171
35956GT	185
35960GT	185
36203GT	65
36208GT	59
36370GT	15, 17, 39
36648GT	147
36927-SGT	191

Part no.	Page Number
36928GT	191
36985GT	63
37002GT	63
37003GT	79
37017GT	65
37090GT	155
37192GT	99
37406GT	109
37505GT	73
37948GT	181
37950GT	73
38620GT	145
39552GT	167
39591GT	169
40033GT	47
40405GT	133, 141
40434GT	11
40617GT	103
41914GT	29, 51
41918GT	29, 51
41921GT	29, 51
41922GT	29, 51
42104GT	185
42157GT	29, 51
42191GT	27, 49
42571GT	29
43181GT	169
43255GT	23, 103
43392GT	187, 203, 207
43597GT	25, 47
43599GT	29, 49
43601GT	29, 51
43647GT	11
43663GT	11
43955GT	119, 171
43956GT	99, 119, 169
43960GT	119, 171, 183
44064GT	77, 85
44086GT	15, 19, 41
44211GT	177
44212GT	177
44221GT	177
44369GT	109
44586GT	101
44613GT	109
44743GT	167
44769GT	11
44950GT	193
44981GT	11, 189
44986GT	11
45066GT	21, 111
45161GT	87, 91, 95, 97, 129
45171GT	199
45209GT	143
45303GT	145
45383GT	171
45435GT	81
45437GT	169
45455GT	87, 91
45462GT	183
45495GT	27, 49
45645GT	17, 39
45912GT	101, 155
45914GT	103, 193
45921GT	103
46002PGT	149
46004GT	139
46005GT	133
46014GT	87, 91, 95, 97
46131GT	57, 63
46229GT	11
46272GT	181
46612GT	127
46674GT	65, 79
46965GT	15
46966GT	15, 19, 41
46967GT	15, 19, 41
47377GT	155
48425GT	69
48462-SGT	183
48470GT	87, 91, 95, 97
48471GT	57
48473P-SGT	67
48475P-SGT	57
48648GT	103
48649GT	23, 103
48658GT	47
48684GT	23, 45
48880GT	25, 47, 105, 159
48904GT	33, 37, 55
48905GT	31, 37, 55, 131, 155, 159
48908GT	33, 37, 55
48911GT	33, 37, 55, 131
48912GT	159
48913GT	159
48915GT	31, 35, 53, 131, 195
48916GT	31, 35, 53, 77, 131, 159...
48917GT	131, 159, 195
48918GT	33, 37, 55
48919GT	31, 35, 53, 131
48922GT	87, 91, 95, 97, 129
48929GT	31, 35, 53, 131
48930GT	35, 131, 195
48932GT	129, 131, 195
48933GT	131, 195
48935GT	195
48938GT	31, 37
48939GT	35, 53
48940GT	53
48942GT	31, 35, 53
48943GT	35, 53
48946GT	53, 129, 195
48947GT	31, 35, 53, 129
48948GT	195
48959GT	31, 35, 53, 131
48960GT	31, 35, 53, 129
48963GT	31, 35, 53, 131
48964GT	31, 35, 55, 129, 195
48977GT	31, 35, 53, 131
48978GT	129
48985GT	129
48986GT	129
48992GT	129
48994GT	129
48997GT	25, 47, 105
48998GT	159

Part no.	Page Number
49105-3682-SGT	35, 53
49117-2341-SGT	55
49117-2591GT	131
49117-5591GT	159
49118-2358-SGT	33, 37, 55
49118-2858-SGT	33, 55
49118-4758-SGT	131
49118-41008GT	159
49119-1478-SGT	159
49119-2978-SGT	33, 37, 55
49119-3028-SGT	33, 37, 55
49119-44800-SGT	159
49119-53800-SGT	159
49120-3581-SGT	33, 37, 55
49122-3786-SGT	55
49123-42368-SGT	159
49126-2158-SGT	35, 53
49126-2233-SGT	129
49126-2383-SGT	35, 53
49128-1159-SGT	131
49128-1559-SGT	131
49128-2709GT	31
49128-2934-SGT	35, 53
49128-3109-SGT	35, 53
49128-22059-SGT	159
49128-23759-SGT	159
49128-40959-SGT	159
49128-43659-SGT	159
49130-2957GT	31
49135-3389-SGT	77
49135-4664GT	31, 35
49141-2088-SGT	53
49142-1962-SGT	131
49142-4087-SGT	31, 37, 55
49143-2954-SGT	129
49143-3229-SGT	129
49143-4029-SGT	33, 37, 55
49146-6558-SGT	131
49150-7005-SGT	129
49150-9205-SGT	129
49151-2323-SGT	31, 35, 55
49156-2656-SGT	31, 37
49156-2975-SGT	31, 37, 55
49156-3056-SGT	31, 35, 53
49156-3331-SGT	33, 55
49156-4006-SGT	33, 37, 55
49156-4006GT	55
49156-4506-SGT	31, 37, 53
49156-10356-SGT	53
49157-2410-SGT	33, 37
49157-2885-SGT	35
49162-7303-SGT	131, 195
49164-1943-SGT	33, 37
49165-2684-SGT	35, 53
49166-2741-SGT	53
49167-3029-SGT	55
49167-3029GT	31
49167-6679-SGT	53
49170-5104-SGT	129
49170-5704-SGT	129
49189-5438-SGT	111
49190-94800GT	189
49205GT	131
49212GT	189
49214GT	189
49215GT	189
49219GT	167
49386GT	57
49401GT	75
49510GT	143
49511GT	131, 195
49512GT	129, 195
49513GT	129, 195
49515GT	129
49520GT	111
49534GT	127
49535P-SGT	125
49536GT	125
49612GT	23, 25, 31, 35, 45, 47...
49613GT	23, 25, 31, 35, 45, 47...
49618-SGT	125
49735GT	57
49740GT	67
49741GT	13
49743GT	121
49816GT	183
49819GT	183
49820GT	169
49857GT	15, 17, 39
49870GT	179
49881GT	61
49887GT	177
49897GT	51
49898GT	57
49915GT	73
49916GT	77
49917GT	77
49919GT	77
49921GT	77
49922GT	81
49923GT	81
49924GT	83
49927GT	197
49928GT	11
49929GT	77
50144-SGT	161
51580GT	55
52000GT	191
52001GT	191
52034GT	23, 45
52077GT	59
52078GT	59
52085GT	191
52087GT	29, 51
52230GT	11
52251GT	11
52537GT	83
52564GT	63
52566GT	57
52570GT	57
52573GT	59
52575GT	61
52577GT	57
52579GT	57
52580GT	59
52585GT	181

Part no.	Page Number
52586GT	181
52587GT	181
52588GT	181
52589GT	181
52591GT	181
52592GT	63
52652GT	59
52656GT	57
52658GT	67
52661GT	185
52726GT	25, 47
52762GT	59, 65
52775GT	177
52776GT	177
52777GT	177
52778GT	177
52866GT	81
52943GT	23, 29, 45, 51, 103, 155
52965GT	13
52966GT	13
52967GT	13
52969GT	13
53023GT	87, 91, 95, 97
53024GT	65
53073GT	181
53073HGT	181
53120-SGT	89, 93
53124GT	67
53125GT	57
53147GT	111
53156GT	197
53159GT	197
53189GT	125
53258GT	153
53290-SGT	71
53353GT	87, 91, 95, 97
53387GT	41
53425-SGT	69
53451GT	15, 17, 39
53523-SGT	125
53524-SGT	127
53527GT	87, 91, 95, 97
53528-SGT	69
53564-SGT	125
53605GT	89
53707GT	125
53713-5402-SGT	129
53714-5541-SGT	131
53715GT	73
53758-SGT	115
53759-SGT	115
53760-SGT	115
53761-SGT	115
53801GT	191
53811GT	143
53820GT	117
53832GT	57, 65
53867GT	77
53887GT	29
53903GT	125
53952GT	67, 81
53961GT	65, 79
53962GT	65
53964GT	65, 79
53967GT	121
53976GT	193
53983GT	137
53985GT	21
53986GT	21
53987GT	21
53988GT	21
53989GT	21
53990GT	21
53991GT	21
53993GT	21
53994GT	21
54274GT	163
54365GT	117, 121, 169
54486GT	187
54627GT	21, 27, 43, 49
54692GT	197
54817P-SGT	165
54862GT	61
55753GT	187, 203, 207
56057GT	121
56424GT	167
56445GT	83, 183
56704GT	183
56843GT	109
56912GT	21, 27, 43, 49, 63, 145...
56929GT	155
57201GT	161
58025GT	125
58026GT	125
58027GT	125
58101GT	15, 41
58112GT	195
58113GT	195
58114GT	195
58115GT	195
58139GT	125
58140GT	125
58141GT	125
58209GT	177
58222GT	83
58256GT	83
58289GT	79
58401GT	93
58402GT	191
58415GT	81
58477GT	181
58900GT	59
58915GT	113
58916GT	111
58917GT	67, 81
58919GT	149
58920GT	149
58923GT	181
58927GT	149
58954GT	191
58958GT	113
58967GT	59
59050GT	15, 17, 39
59069GT	15, 17, 39
59188GT	15, 17, 39
59328GT	17, 39

Part no.	Page Number
60370-SGT	161
60857GT	83
60954-SGT	163
62080GT	99
62081GT	113
62262GT	155
62267GT	155
62268GT	99
62273GT	155
62420GT	81
62466GT	113
62506GT	155
62507GT	155
63173-SGT	137
63194GT	15, 19, 41
63211GT	141
63214GT	155
63216GT	17, 39
63311GT	185
63343GT	147
63347GT	141
63348GT	133
63351GT	141
63352GT	155
63354GT	155
63356GT	17, 39
63374GT	143
63376GT	145
63463GT	81
63766GT	165
65441-SGT	17, 39
65443GT	23, 45
65445GT	27, 49
65446GT	27, 49
65447GT	27, 43, 49
65448GT	27, 43, 49
65449GT	47
65450GT	43
65451GT	43
65453GT	59
65454GT	59
65455GT	57
65456GT	61
65457-SGT	169
65458GT	77
65459GT	77
65460GT	63
65461GT	105
65462GT	105
65463GT	141
65465GT	11
65608GT	51, 113
65610-SGT	89
65611-SGT	95
65612GT	99
65650-SGT	73
65766GT	29, 51
65770GT	63
65799GT	153
65810GT	81
65815GT	81
65827GT	181
65841GT	193
65842GT	153
65843GT	65, 79
65865GT	29, 51
65876GT	43
66811GT	115
66812GT	115, 173
66813GT	173
66815GT	173
66816GT	115
66818GT	115, 173
66821GT	115, 173
72043GT	29, 51
72161GT	11
72245GT	177
72255GT	83
72282GT	183
72292GT	65, 79
72300GT	43
72326GT	171, 183
72327GT	69
72441GT	11
73185GT	21, 27, 43
73233GT	165
73257GT	21, 27, 43
73258GT	21, 27, 43
73259GT	21, 27, 43, 49
73260GT	21, 27, 43
73261GT	21, 27, 43
73455GT	109
73477PGT	163
73478PGT	163
73574-SGT	161
73575GT	165
73587GT	165
73610PGT	161
73900GT	161
73918GT	113
73928GT	161
73931GT	165
73963GT	193
73976GT	161
73977-SGT	161
73978GT	161
74872GT	147, 155
75073GT	125
75119GT	113
75395GT	153
75516-SGT	161
75575GT	109
75649GT	101
75650-SGT	71
75658GT	113
75659GT	113
75664GT	111
75665GT	109
75675-SGT	165
75676-SGT	165
75677GT	111
75678GT	111
75679-SGT	165
75680-SGT	167
75681GT	111
75682GT	111

Part no.	Page Number
75683GT	113
75684GT	113
75685GT	113
75686GT	111
75697GT	109
75700GT	155
75760-SGT	111
75847GT	155
75848GT	155
75849GT	147, 155
75858GT	99
77046GT	11
77069GT	99
77170GT	69
77183GT	11
77239GT	51
77240GT	51
77355GT	59
77692GT	161
77876GT	153
77885GT	63
77990GT	65, 79
81108GT	111
81578GT	109
83081GT	51
84134GT	25
84135GT	25
88356-146R5GT	135, 149
88356-11773GT	147
88451GT	57
88455GT	57
89296GT	147
89448PGT	183
89453GT	73
89620GT	99
89625GT	125
89629GT	127
89785GT	79
89800GT	113
89885GT	111
89915PGT	187
94077GT	101
94399GT	153
94920GT	111
97887GT	11
97890GT	11
101726GT	95
101727GT	89
102119GT	67
102529GT	149
102986GT	145
102987GT	145
102992GT	165
107858GT	185
110194GT	25
110200GT	29, 51, 103
110393-SGT	191
111177GT	147
111373GT	137
111526GT	187
111580GT	203, 207
111648GT	111
119562PGT	187
119620GT	137, 141
119642GT	187
119795GT	187
119796GT	185
119797GT	185
121599GT	119
122019GT	183
122056GT	69
122058GT	85
122079GT	161
122286GT	147
122287GT	147
122366GT	115
122512GT	115
122513GT	173
122514GT	115, 173
122606GT	115
122944GT	153
128200GT	115, 173, 197
128201GT	117, 121, 173
128202GT	115, 173
128205GT	115, 173, 175, 193
128206GT	173
128368GT	185
128578GT	173
133518GT	11, 193
139451GT	165
139709GT	73
139958GT	185
144161GT	99
146160GT	23
146165GT	103
146169GT	103
146478GT	115, 173
147094GT	115
147836GT	191
147837GT	191
147838GT	191
160550GT	73
219437GT	67, 71
223763GT	23, 103
226099GT	27, 49
226100GT	27, 49
226101GT	43
226393GT	183
226419GT	135
226537GT	155
229567GT	115, 173, 175
229768GT	165
824078GT	203, 207
824164GT	145
824879GT	115, 173
825019GT	133, 137, 141, 153
1251600GT	203, 207
1253485GT	203, 207
1254826GT	83
1255452GT	15, 17, 39
1255653GT	83
1256267GT	15, 17, 39, 133, 137, 141
1256855	203, 207
1259054GT	59
1259704GT	185
1260218GT	101

Part no.	Page Number
1261250GT	203, 207
1261449GT	101
1262218GT	119
1262633GT	133, 141
1264387GT	133
1264388GT	141
1267807GT	63, 85
1268229GT	63, 85
1270665GT	203, 207
1272019GT	87, 91
1274167GT	203, 207
1274322GT	203, 207
1277924GT	203, 207
1279268GT	69
1280665GT	99
1283004GT	203, 207
1283026GT	205, 209
1290135GT	185
1291798GT	203
1291799GT	203
1291800GT	203
1291801GT	205
1291802GT	203, 207
1291803GT	205, 209
1291804GT	205, 207
1291806GT	205, 209
1291807GT	205
1291809GT	205, 209
1291811GT	203, 207
1291812GT	203, 207
1291813GT	205, 209
1291815GT	203, 207
1291817GT	203, 207
1291818GT	205, 209
1291819GT	205, 207
1291821GT	205, 209
1291844GT	205, 207
1291865GT	203, 207
1292828GT	205, 209
1292932GT	203, 207
1292936GT	203
1292937GT	203
1292937PGT	203
1292956GT	203
1293480GT	109
1293484GT	111
1293700GT	207
1293702GT	207
1293703GT	207
1293704GT	209
1293706GT	205, 207
1293710GT	207
1303581GT	69, 73
1316635GT	95
T108075GT	155
T111608GT	191
T111609GT	191
T111610GT	191
T111611GT	191
T111612GT	191
T111613GT	191
T112563GT	169
T113653GT	69
T114678GT	81

Part no.	Page Number

California Proposition 65

WARNING

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

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

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

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

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