



A TEREX BRAND

Parts Manual

Serial Number Range

S-80
S-85

to SN 965

Part No. 34033GT
Rev: C.39
April 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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First Edition, Third Printing

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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

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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 S-80 and S-85 Service Manual.

Deutz F4L-1011F Models	
Description	Part No.
Air Filter	27916
Fuel/water Separator Filter	29560
Engine Oil Filter	49924
V-Belt	29554
Ford LRG-425 Models:	
Description	Part No.
Fuel Filter	28662
Engine Oil Filter	28656
Air Filter	27916
V-Belt	28652
PCV Valve	33538
Spark Plug	28647

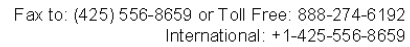
Recommended Parts

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

Manuals

Genie Industries offers the following support documents for these models:

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



Date _____	Account Number _____
Your Name _____	Your Fax Number _____
_____	Your Phone Number _____
Bill To _____	Ship To _____
_____	_____
_____	_____
_____	_____
Purchase Order Number _____	Ship Via _____

Optional Equipment _____

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☐ Ship complete order only - No back orders

☐ Ship all available parts and contact customer on disposition of back-ordered parts

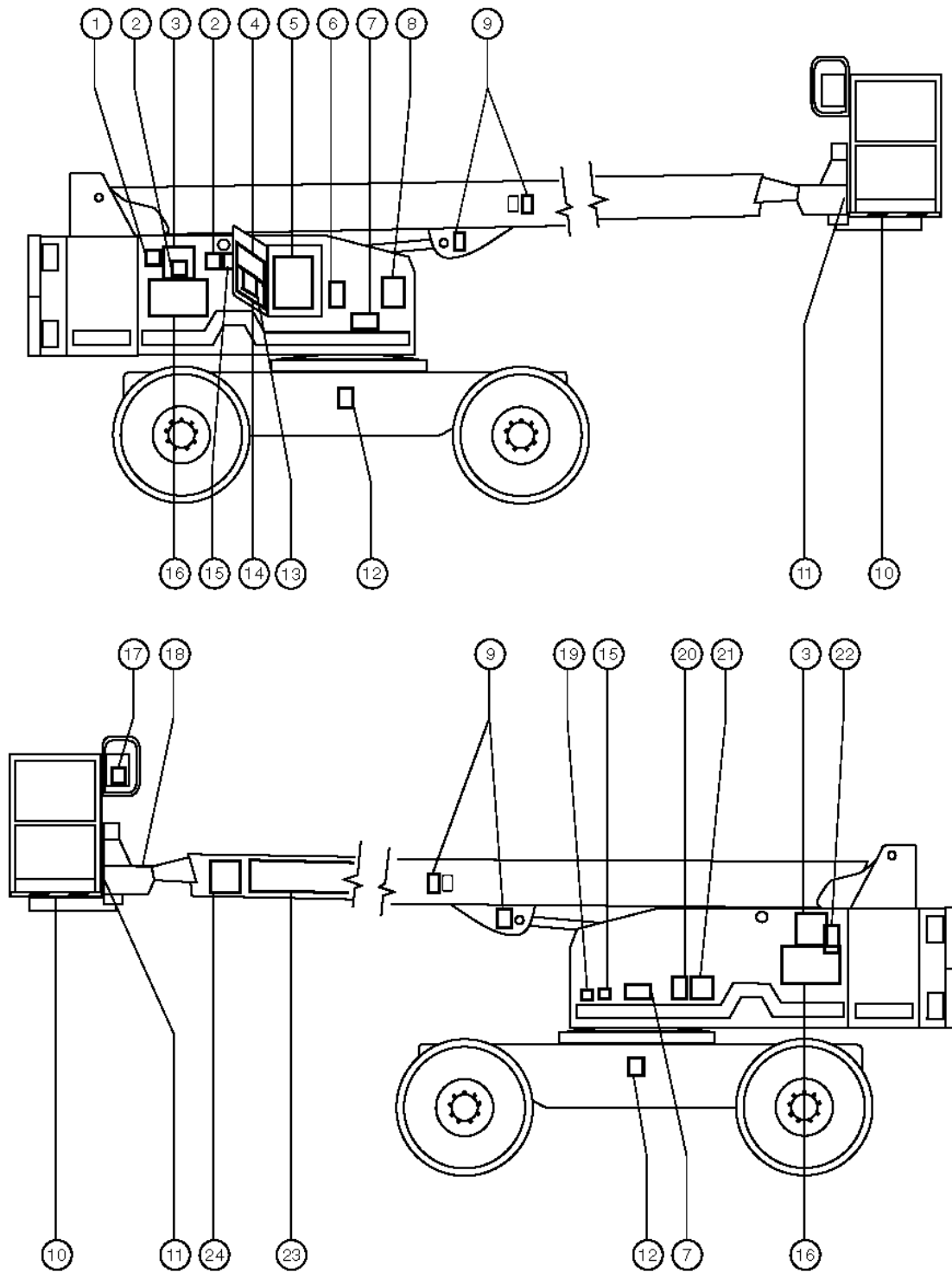
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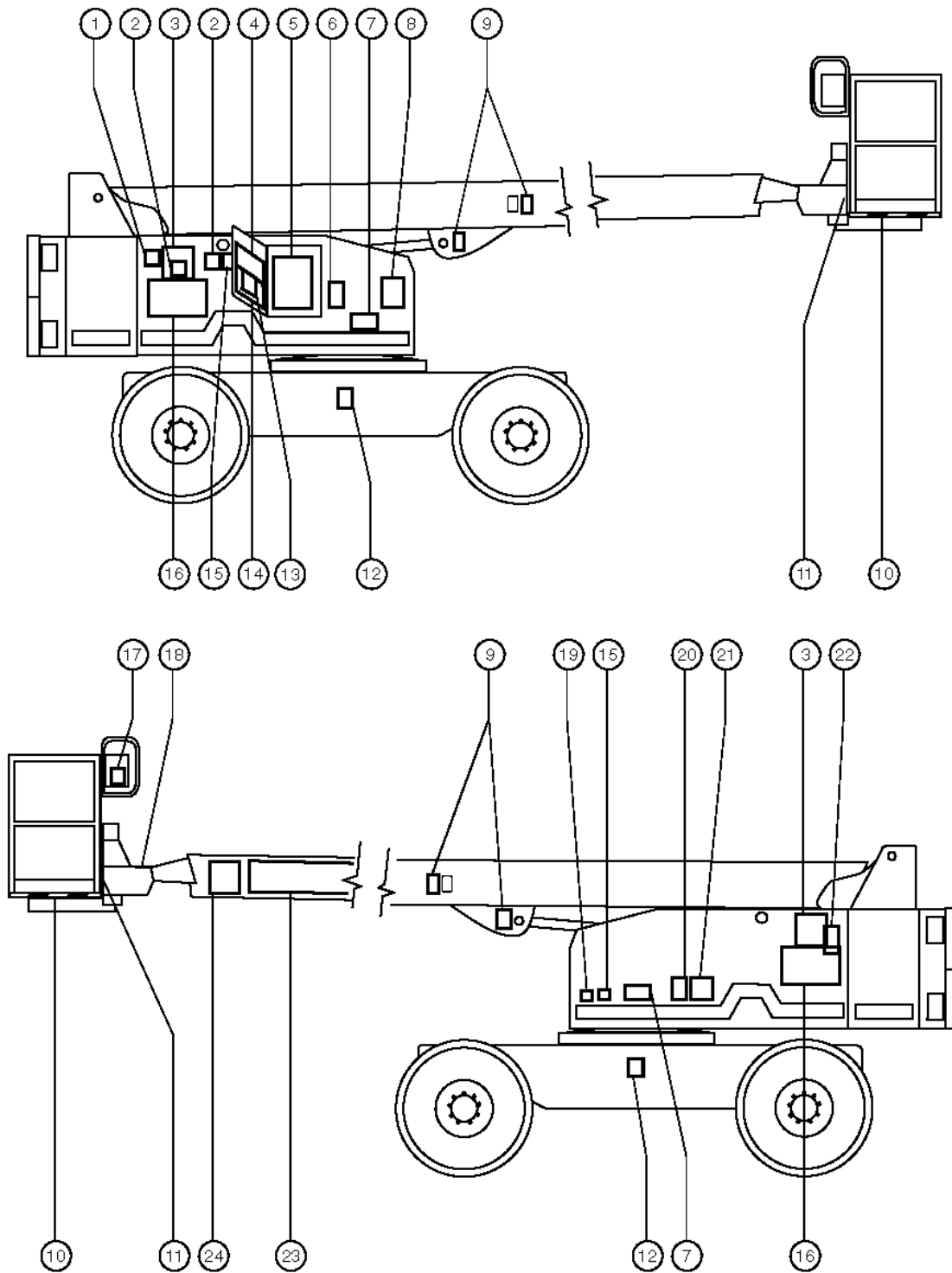
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101.1 Decals - View 1



Item	Part No.	Description	Qty.
A-	1279573GT	DECAL KIT,PLAT,S40/60/80,WORD to SN 965	
	33483GT	DECAL KIT,SAFETY/INSTRUCTIONA kit does not include index numbers 2, 3, 8, 10, 16, 17, 19, 22 and 23	
	34034GT	DECAL KIT,COSMETIC,S80	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	28157GT	DECAL,USE DEXRON***	1
2	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	2
2-	28159GT	DECAL,DIESEL	2
3	32744GT	DECAL,S, BLUE, BLACK	2
4	32702GT	DECAL,NOTICE,OPERATING INSTRN	2
5	32992GT	DECAL,GROUND CONTROL PANEL	1
6	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
7	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	3
8	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
9	28161GT	DECAL,WARN,CRUSH HAZARD HAND	6
10	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
11	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
12	32999GT	DECAL,NOTICE,TIRE PRESSURE	2
13	32932GT	DECAL,DANGER,TIPOVER,AXLES	2
14	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
15	28171GT	DECAL,DANGER,NO SMOKING ***	2
16	30406GT	DECAL"GENIE 2 WD" WHITE	2
16-	30407GT	DECAL,GENIE 4 WD, WHITE	2
17	28174GT	DECAL,POWER TO PLATFORM 230V	2
17-	28235GT	DECAL,POWER TO PLATFORM 115V	2
18	28181GT	DECAL,WARN,FALL HAZARD	1

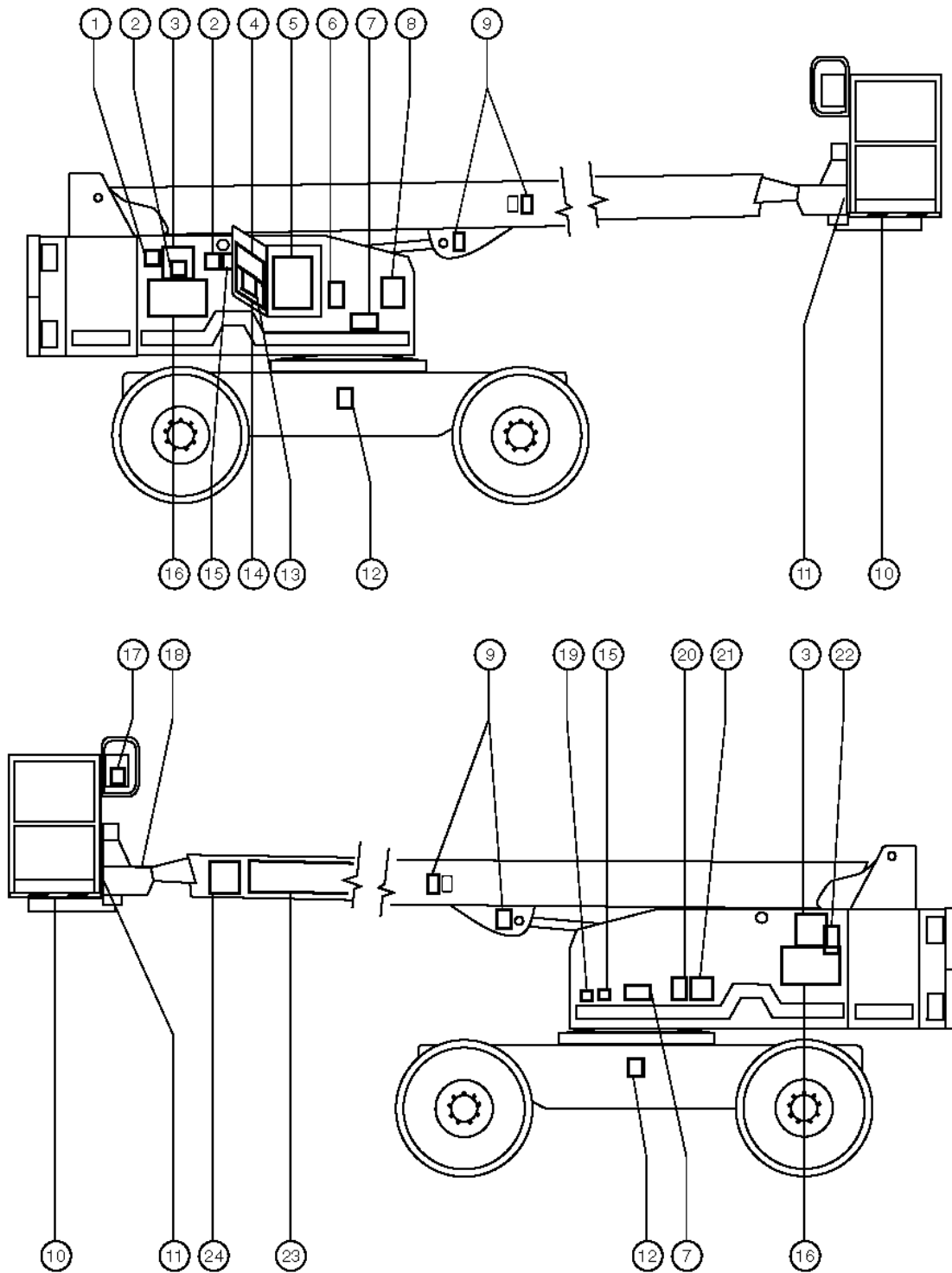
101.1 Decals - View 1



Item	Part No.	Description	Qty.
19	28160GT	DECAL,LABEL,LIQUID PROPANE	1
20	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
21	28175GT	DECAL,WARNING-COMPART ACCESS	1
22	32703GT	DECAL,NOTICE, LSG ENG SPECS	1
22	29780GT	DECAL,NOTICE,DEUTZ ENGINE SPEC	1
23	32930GT	DECAL,COSMETIC,S80,LARGE	1
24	33460GT	DECAL,COSMETIC,STRIPES,WHITE	1

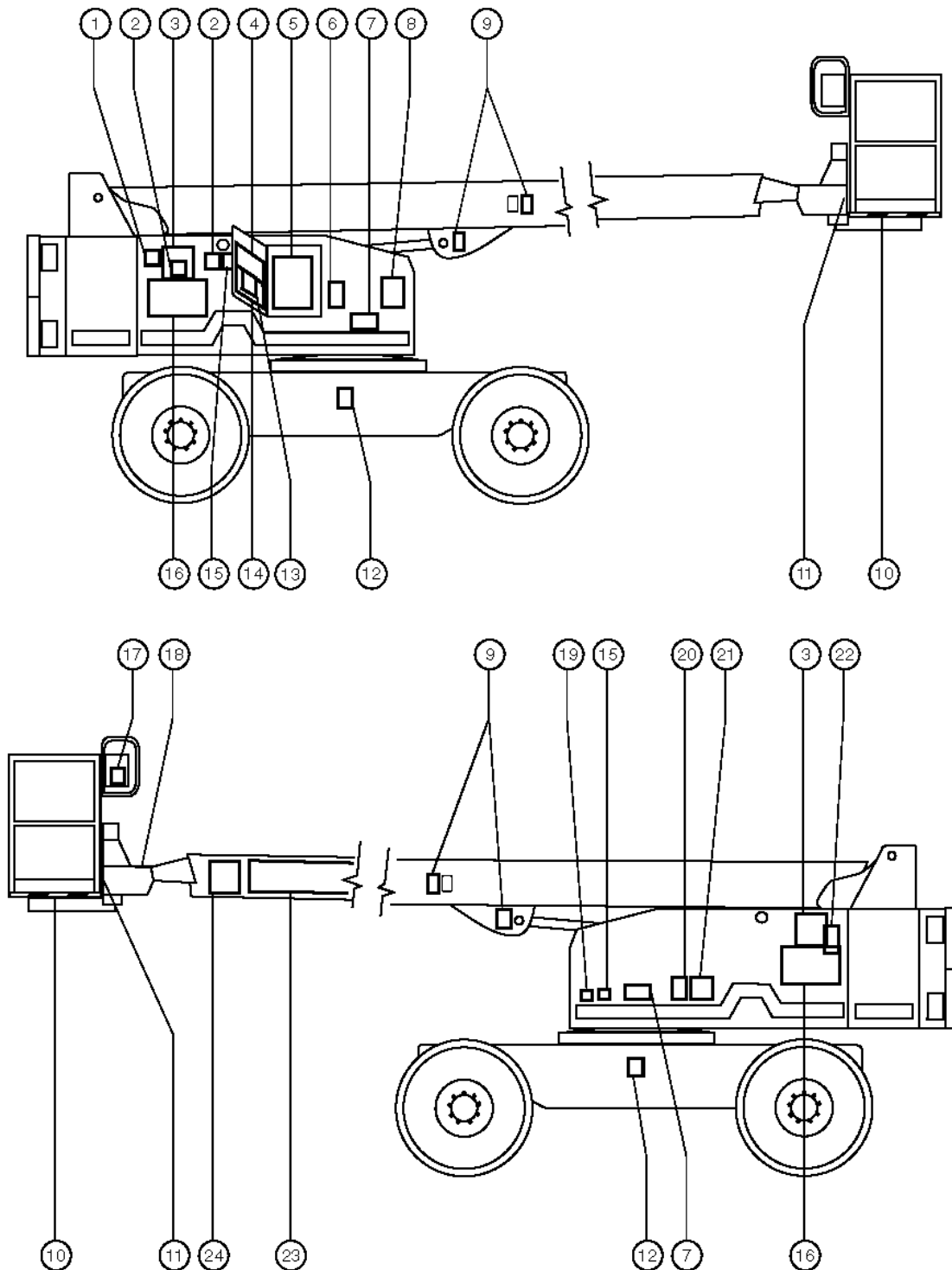


101.2 Decals - View 1



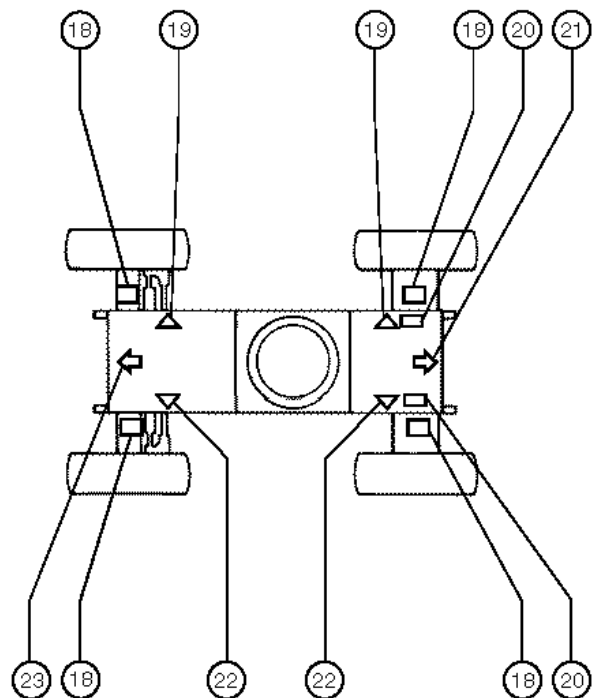
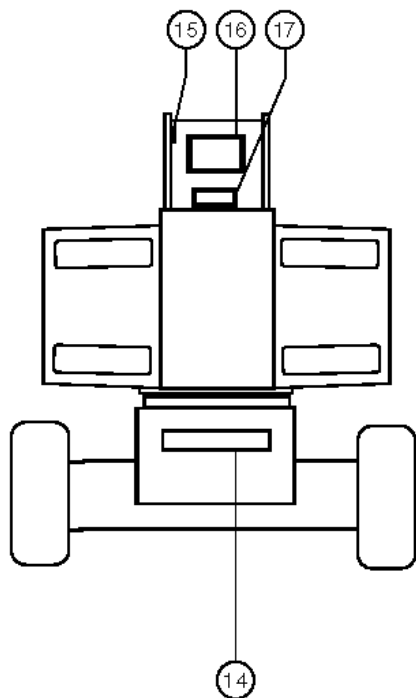
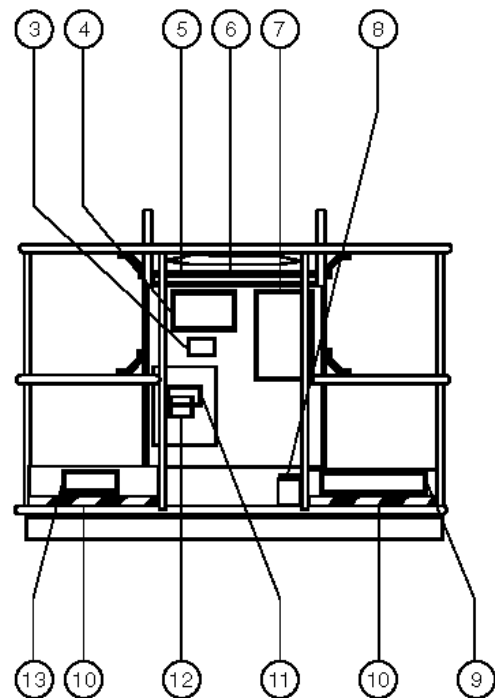
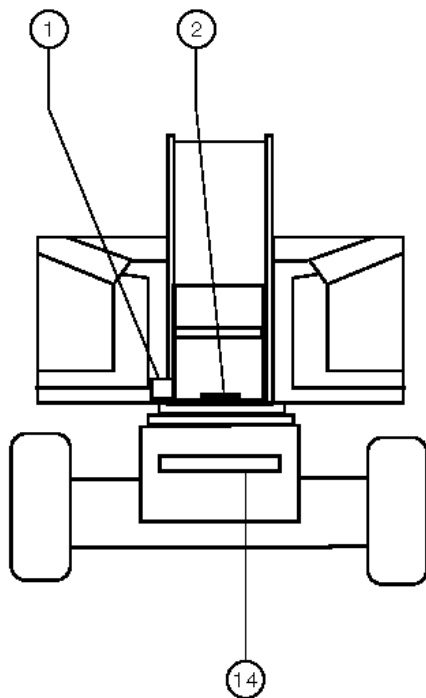
Item	Part No.	Description	Qty.
A-	1279573GT	DECAL KIT,PLAT,S40/60/80,WORD to SN 965	
	33483GT	DECAL KIT,SAFETY/INSTRUCTIONA kit does not include index numbers 2, 3, 8, 10, 16, 17, 19, 22 and 23	
	34661GT	DECAL KIT,COSMETIC,S85	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	28157GT	DECAL,USE DEXRON***	1
2	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	2
2-	28159GT	DECAL,DIESEL	2
3	32744GT	DECAL,S, BLUE, BLACK	2
4	32702GT	DECAL,NOTICE,OPERATING INSTRN	2
5	32992GT	DECAL,GROUND CONTROL PANEL	1
6	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
7	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	3
8	33463GT	SERIAL NUMBER PLATE, S-85	1
9	28161GT	DECAL,WARN,CRUSH HAZARD HAND	6
10	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
11	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
12	32999GT	DECAL,NOTICE,TIRE PRESSURE	2
13	32932GT	DECAL,DANGER,TIPOVER,AXLES	2
14	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
15	28171GT	DECAL,DANGER,NO SMOKING ***	2
16	30406GT	DECAL"GENIE 2 WD" WHITE	2
16	30407GT	DECAL,GENIE 4 WD, WHITE	2
17	28174GT	DECAL,POWER TO PLATFORM 230V	2
17-	28235GT	DECAL,POWER TO PLATFORM 115V	2
18	28181GT	DECAL,WARN,FALL HAZARD	1

101.2 Decals - View 1



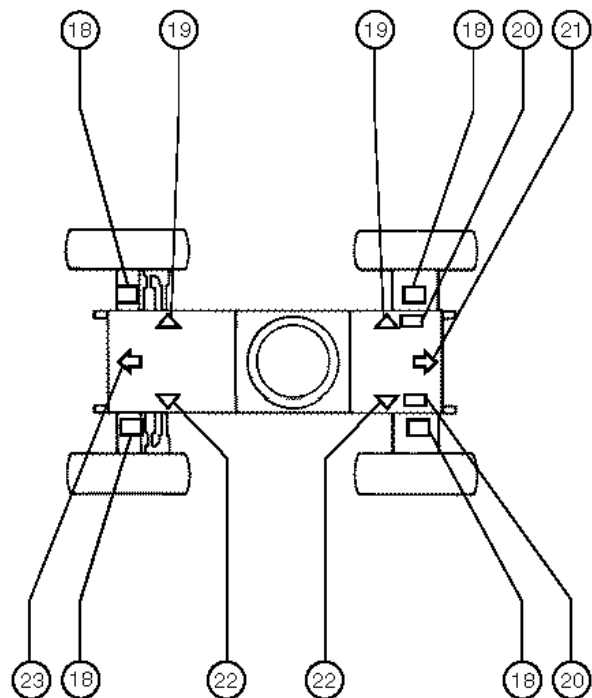
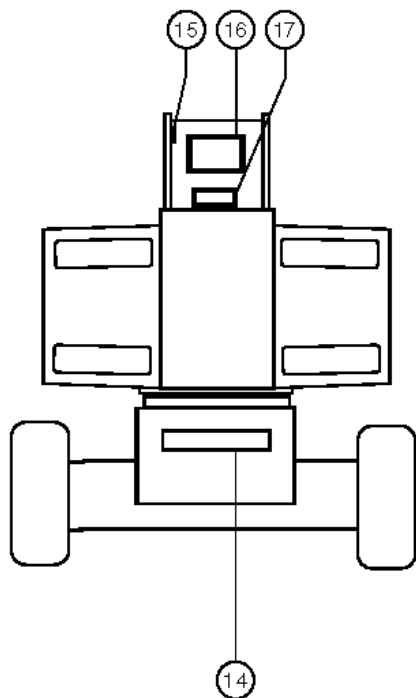
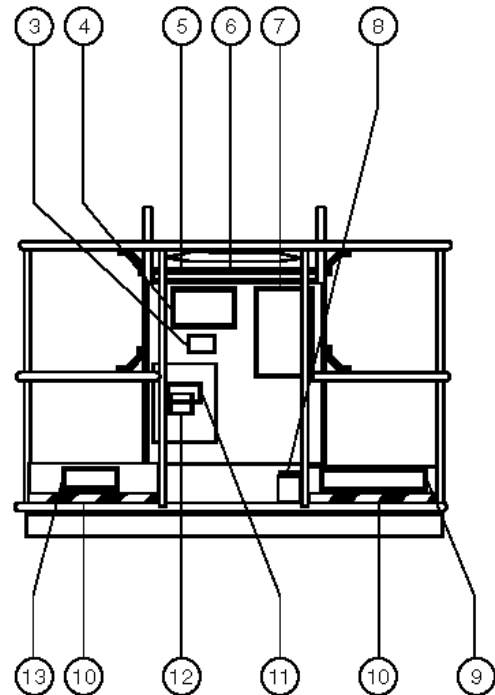
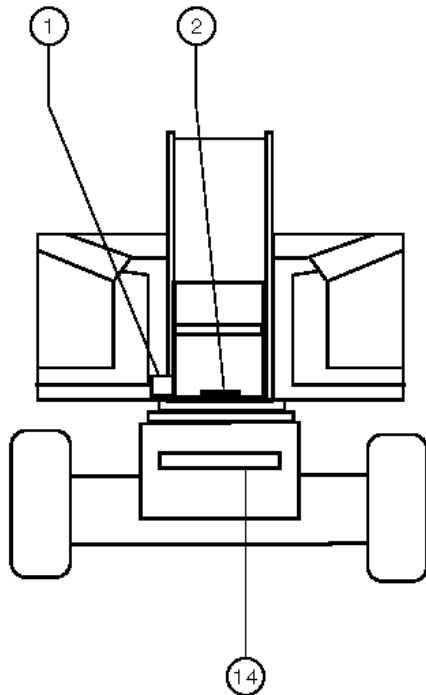
Item	Part No.	Description	Qty.
19	28160GT	DECAL,LABEL,LIQUID PROPANE	1
20	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
21	28175GT	DECAL,WARNING-COMPART ACCESS	1
22	32703GT	DECAL,NOTICE, LSG ENG SPECS	1
22-	29780GT	DECAL,NOTICE,DEUTZ ENGINE SPEC	1
23	33461GT	DECAL,COSMETIC,S85,LARGE	1
24	33460GT	DECAL,COSMETIC,STRIPES,WHITE	1

102.1 Decals - View 2



Item	Part No.	Description	Qty.
	33483GT	DECAL KIT,SAFETY/INSTRUCTIONA kit does not include index numbers 1, 2, 6, 9, 10, 14 and 16	
	34034GT	DECAL KIT,COSMETIC,S80	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	28174GT	DECAL,POWER TO PLATFORM 230V	2
1-	28235GT	DECAL,POWER TO PLATFORM 115V	2
2	28161GT	DECAL,WARN,CRUSH HAZARD HAND	1
3	32932GT	DECAL,DANGER,TIPOVER,AXLES	2
4	32702GT	DECAL,NOTICE,OPERATING INSTRN	2
5	32941GT	DECAL,PLATFORM CTRL PANEL ***	1
6	32726GT	DECAL,OPTION GLOW PLUGS***	1
6-	133518GT	DECAL, PATCH, GEN,ALC-500	1
7	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
8	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
9	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
9	32998GT	DECAL,NOTICE,MAX LOAD 600 LBS	1
10	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
11	28236GT	DECAL,WARN,IMPROPER OPERATION	1
12	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
13	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
14	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	2
15	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
16	32931GT	DECAL,COSMETIC,S80,SMALL	1
17	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	3
18	32997GT	DECAL,WARNING,HAND/FOOT CRUSH	4
19	27207GT	DECAL,TRIANGLE,YELLOW	2

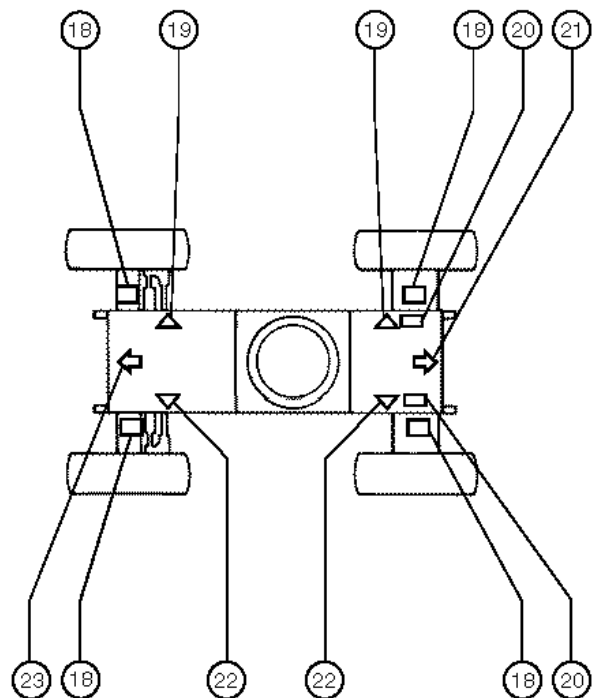
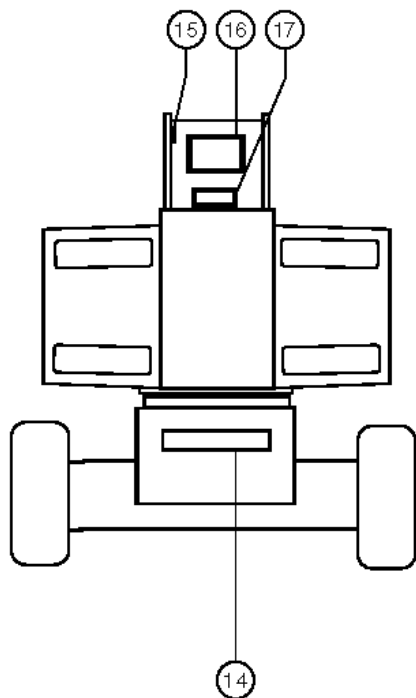
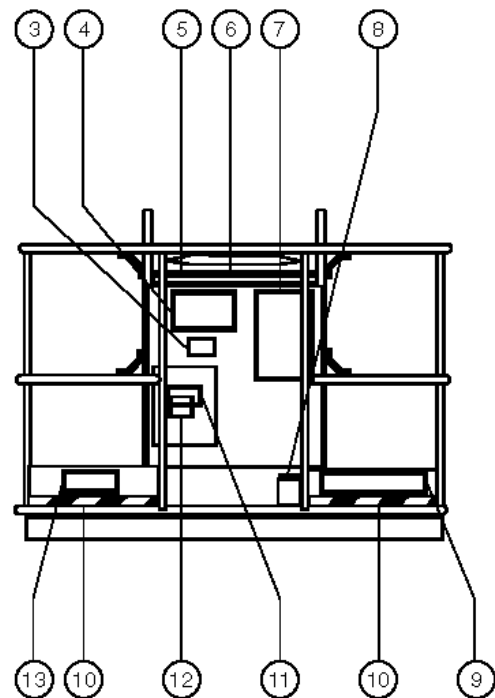
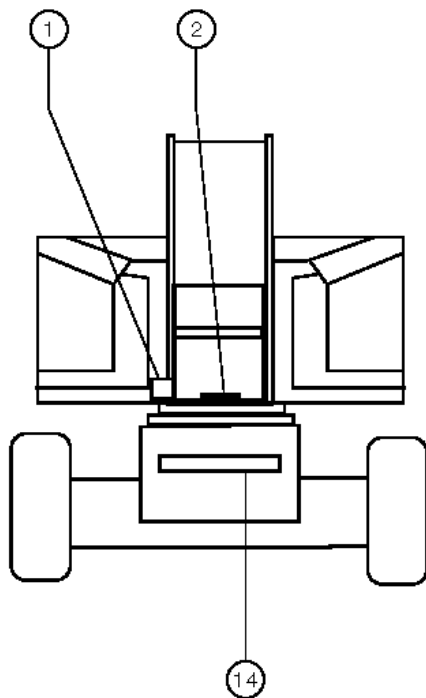
102.1 Decals - View 2



Item	Part No.	Description	Qty.
20	32996GT	DECAL,NOTICE,EXT AXLE OPER	2
21	27205GT	DECAL,ARROW YELLOW LRG 9"	1
22	27206GT	DECAL,TRIANGLE,BLUE	2
23	27204GT	DECAL,ARROW BLUE	1

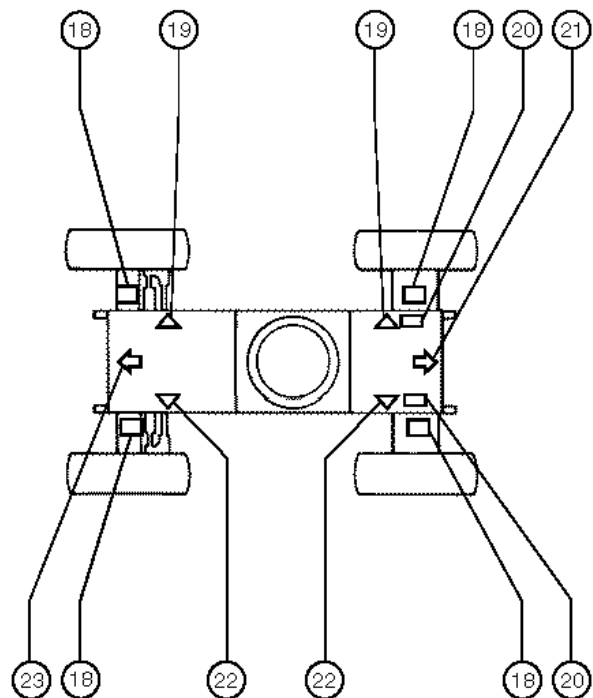
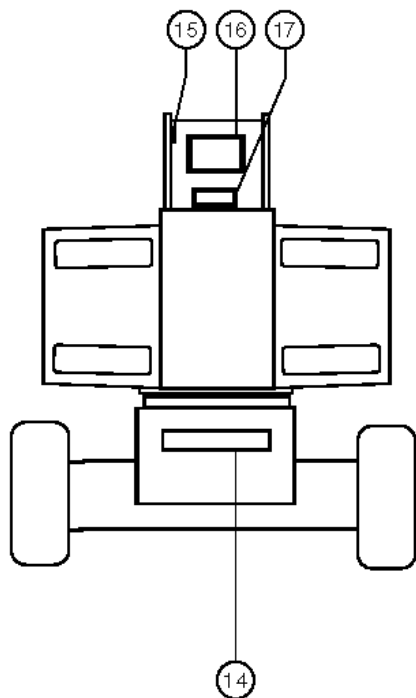
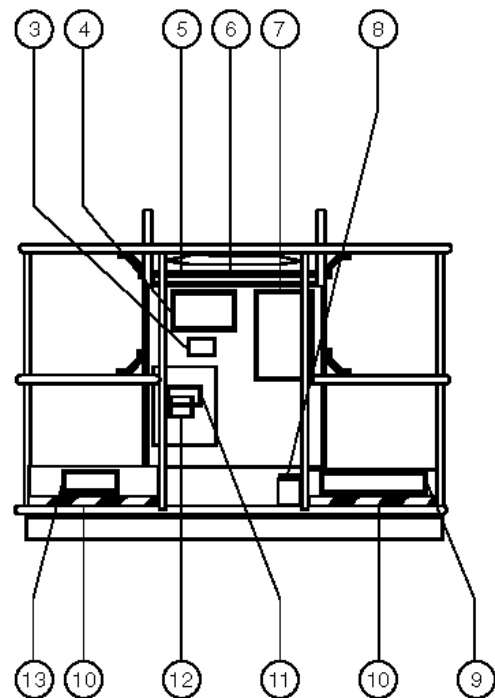
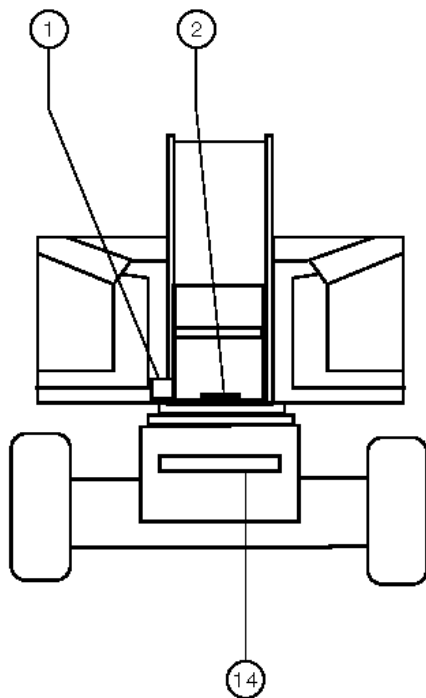


102.3 Decals - View 2



Item	Part No.	Description	Qty.
	33483GT	DECAL KIT,SAFETY/INSTRUCTIONA kit does not include index numbers 1, 2, 6, 9, 10, 14 and 16	
	34661GT	DECAL KIT,COSMETIC,S85	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	28174GT	DECAL,POWER TO PLATFORM 230V	2
1-	28235GT	DECAL,POWER TO PLATFORM 115V	2
2	28161GT	DECAL,WARN,CRUSH HAZARD HAND	1
3	32932GT	DECAL,DANGER,TIPOVER,AXLES	2
4	32702GT	DECAL,NOTICE,OPERATING INSTRN	2
5	32941GT	DECAL,PLATFORM CTRL PANEL ***	1
6	32726GT	DECAL,OPTION GLOW PLUGS***	1
6-	133518GT	DECAL, PATCH, GEN,ALC-500	1
7	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
8	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
9	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
9-	32998GT	DECAL,NOTICE,MAX LOAD 600 LBS	1
10	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
11	28236GT	DECAL,WARN,IMPROPER OPERATION	1
12	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
13	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
14	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	2
15	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
16	33462GT	DECAL,COSMETIC,S85,SMALL	1
17	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	3
18	32997GT	DECAL,WARNING,HAND/FOOT CRUSH	4
19	27207GT	DECAL,TRIANGLE,YELLOW	2

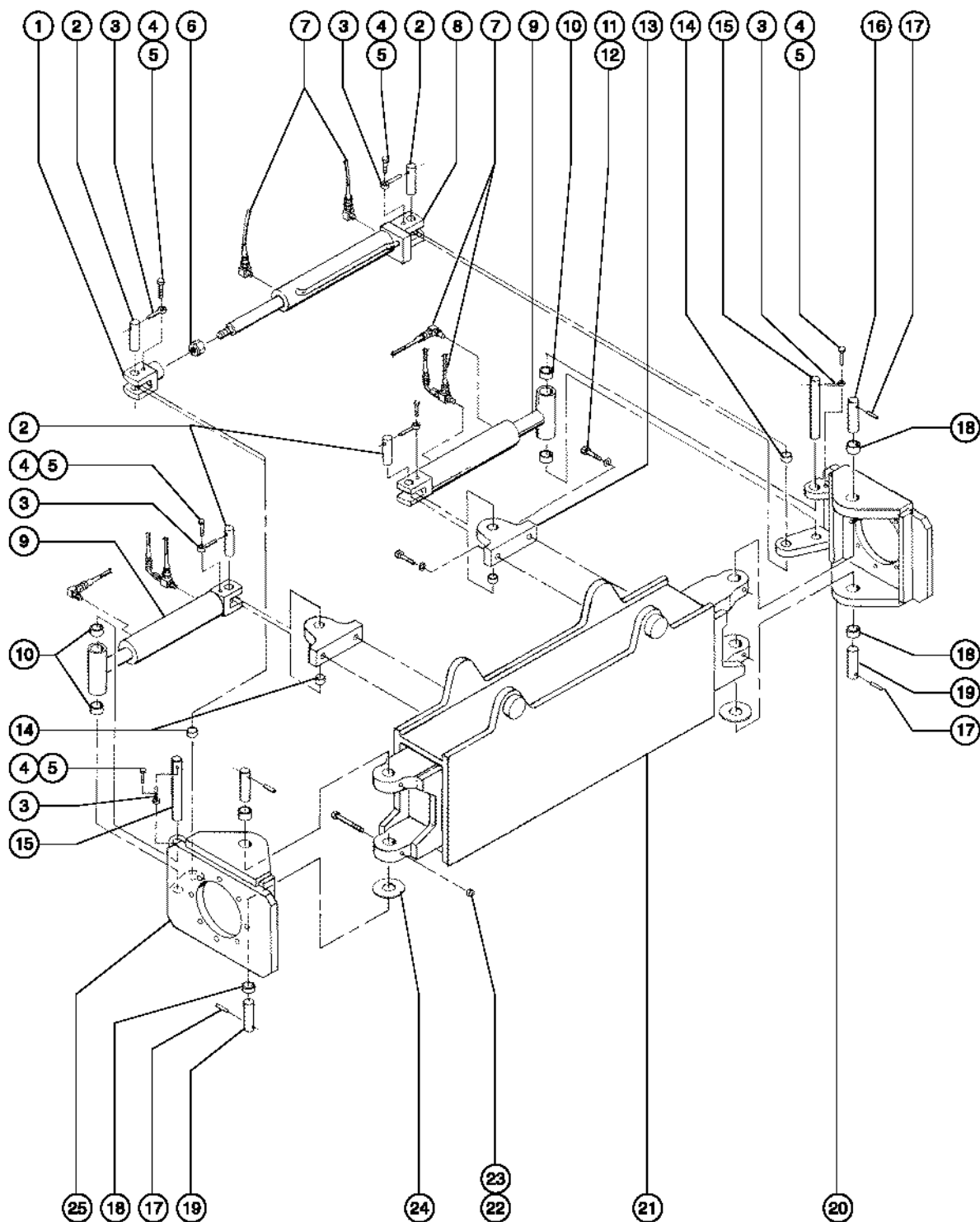
102.3 Decals - View 2



Item	Part No.	Description	Qty.
20	32996GT	DECAL,NOTICE,EXT AXLE OPER	2
21	27205GT	DECAL,ARROW YELLOW LRG 9"	1
22	27206GT	DECAL,TRIANGLE,BLUE	2
23	27204GT	DECAL,ARROW BLUE	1



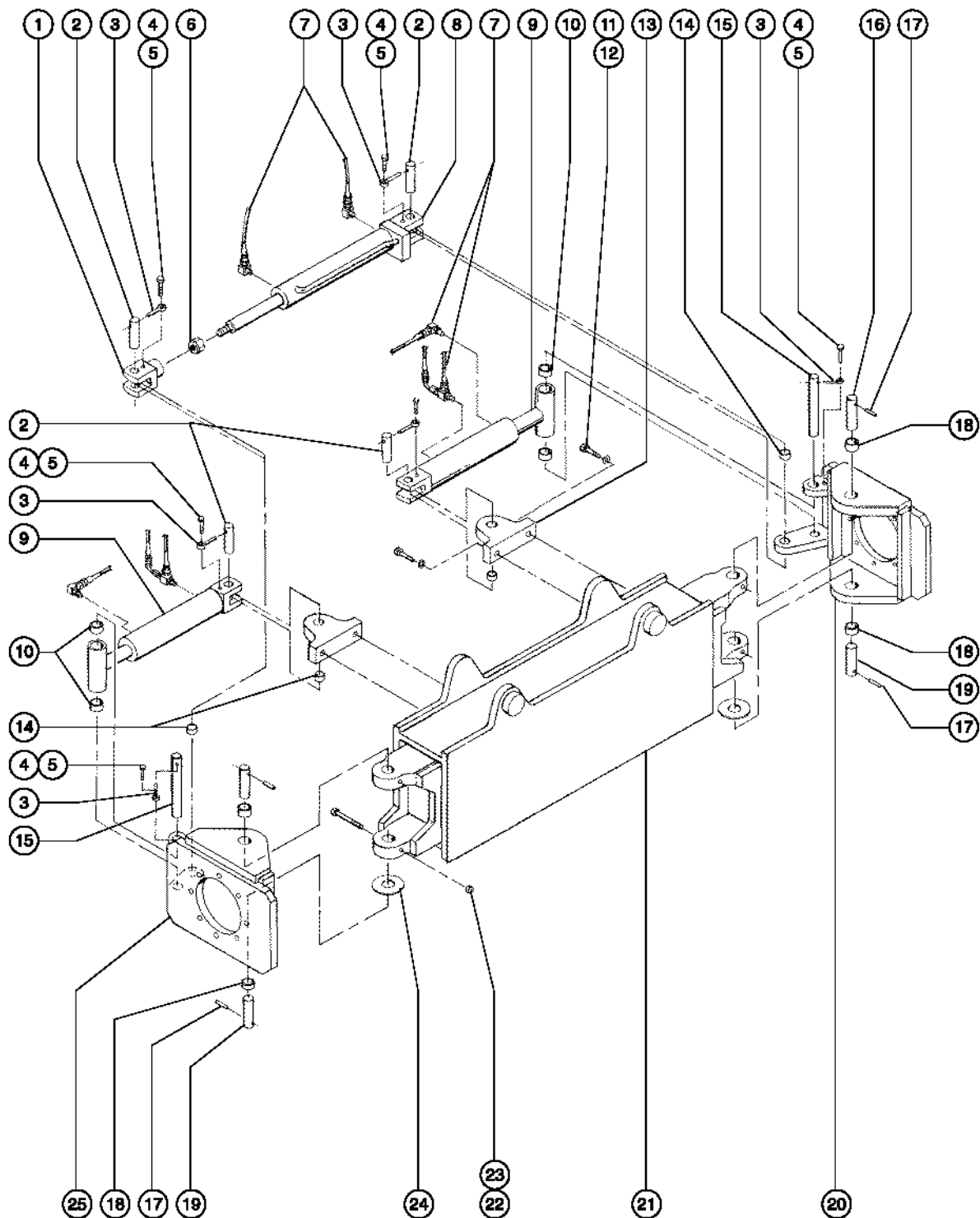
201.1 2WD Steer Axle Steering Linkage



201.1 2WD Steer Axle Steering Linkage

Item	Part No.	Description	Qty.
1	34290PGT	ADJUSTMENT LUG,1.25-7 PNTD	1
2	34276GT	PIN,1.25DIA X 3.37LG,1HOLE	4
3	1255452GT	ROD END,.375 X 2.25,ZAG	6
4	6175GT	SCREW,HHC,3/8-16 X 1	12
5	6021GT	WASHER, LOCK, .375	12
6	27953GT	NUT,HEX,JAM,1.25-7	1
7		Ref. Hydraulic Hoses & Fittings (refer to figure 208.1 or 209.1)	1
8	81993GT	CYLINDER,TIE ROD, S80/S85	1
8-	31078GT	SEAL KIT,HYDRAULIC CYLINDER***	1
8-	33428GT	VALVE,COUNTERBALANCE	1
9	88348GT	CYLINDER,STEER S80/85 includes 2 each index number 10	2
9-	88349GT	SEAL KIT,STEER CYL *** (use with cylinder 88348)	2
9-	59050GT	SEAL KIT,2.5" BORE,1.5" ROD*** (use with cylinder 59101)	
9-	31078GT	SEAL KIT,HYDRAULIC CYLINDER*** (use with cylinder 34128)	
10	25683GT	BEARING,POLYGON,20DU12	4
		(for 34128 cylinder)	
10	59266GT	BEARING, POLYGON P2055 (59105)	
		(for 59101 and 88348 cylinders)	
11	22202GT	SCREW,SHC,1/2-13 X 2.25 ***	4
12	6033GT	WASHER,LOCK,0.5"	4
13	34196PGT	LUG,FRONT AXLE STEERING,PAINT	2
14	34245GT	BEARING,1.25IDX1.50X1.25L	4
15	34275GT	PIN,1.25DIA X 10.18LG,1HOLE	2
16	34274GT	PIN,KING,TOP,5.88 X 1.5 INCHES	2
17	14815GT	PIN,ROLL,SST,.25 X 2.25	4
18	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	4
19	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360	2
20	33426GT	YOKE ASSEMBLY,LEFT SIDE,4WD	1
		includes index numbers 14 and 18	
21		Ref. Extendable Steer Axle Installation (refer to figure 202.1)	1
22	6086GT	NUT,LP NYLOCK,1/2-13	4

201.1 2WD Steer Axle Steering Linkage

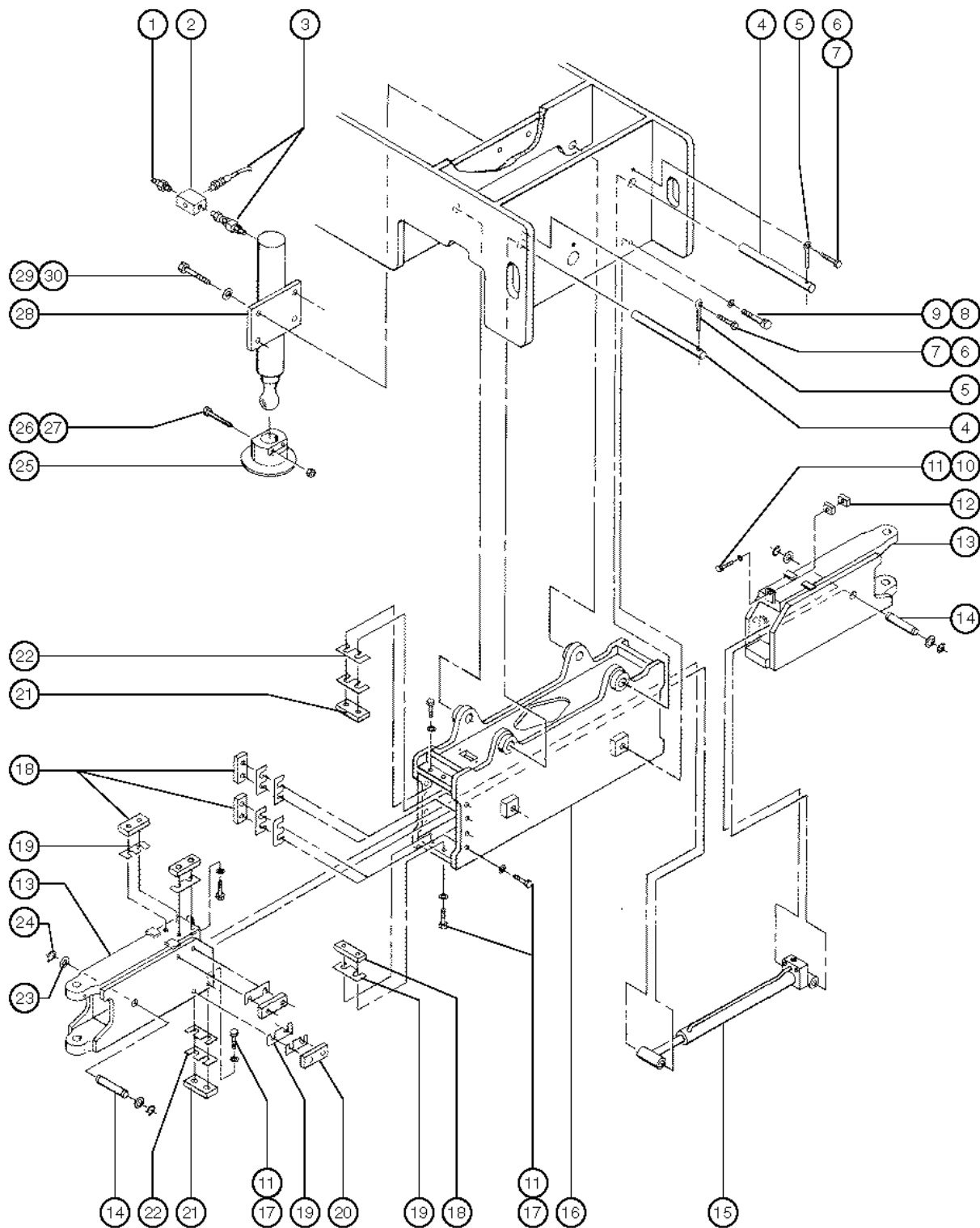


201.1 2WD Steer Axle Steering Linkage

Item	Part No.	Description	Qty.
23	8220GT	SCREW,HHC,1/2-13 X 4	4
24	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
25	33427GT	YOKE ASSEMBLY,RIGHT SIDE,4WD	1
		includes index numbers 14 and 18	



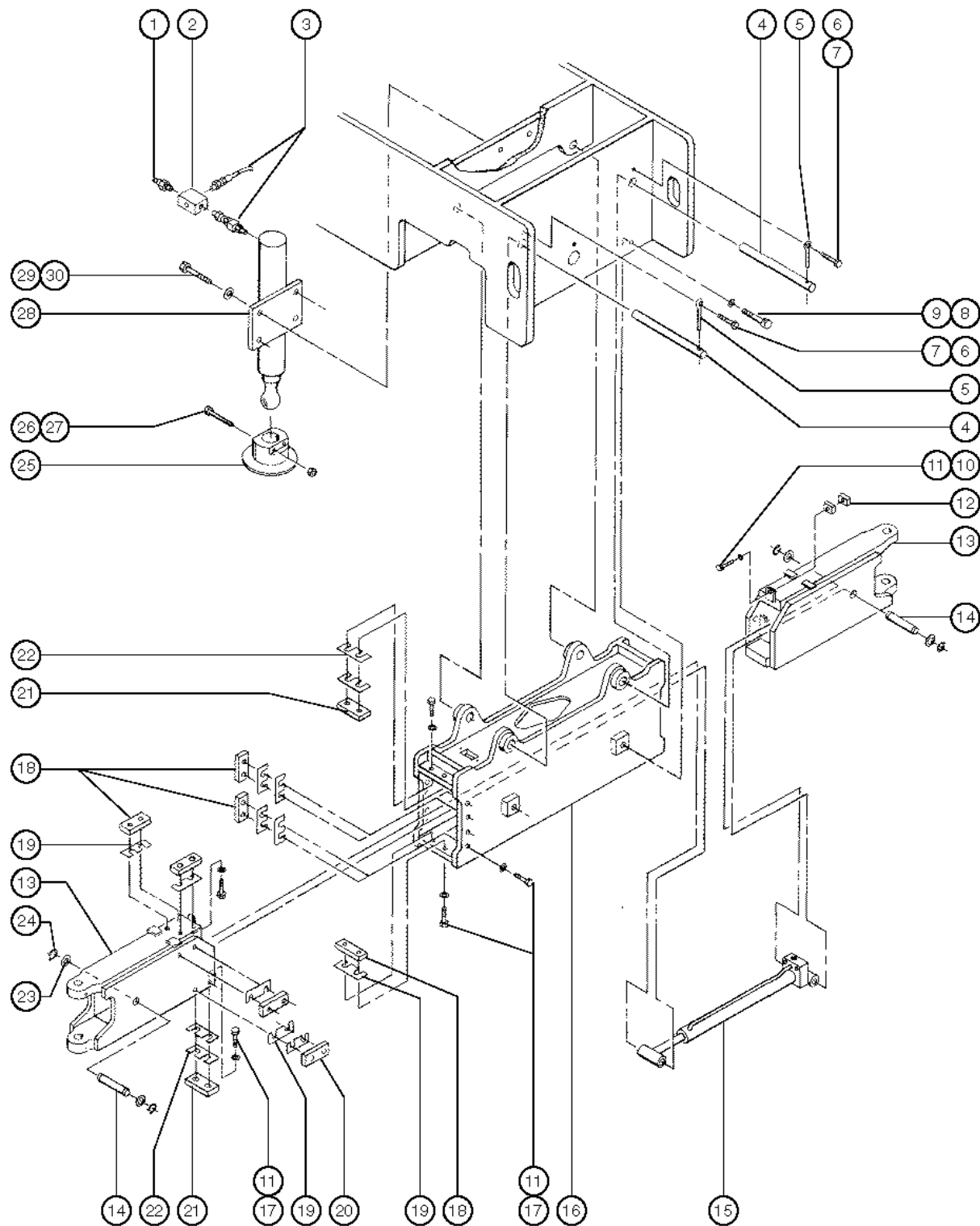
202.1 2WD Extendable Steer Axle Installation



202.1 2WD Extendable Steer Axle Installation

Item	Part No.	Description	Qty.
1	33549GT	VALVE,COUNTERBAL.CBCH-LJN	1
2	34751GT	VALVE,COUNTERBALANCE-SUN	1
3		includes index number 1	
3		Ref. Hydraulic Hoses & Fittings (refer to figure 308.1)	1
4	30731GT	PIN,PRIM.BOOM,16.0 X 1.5 INCH	2
5	1256267GT	ROD END,.5 X 3.75,ZAG	2
6	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
7	6086GT	NUT,LP NYLOCK,1/2-13	2
8	45066GT	SCREW,SHC,5/8-11 X 2.25	1
9	13064GT	WASHER,FLAT,.625 HARDENED	1
10	14033GT	SCREW, HHC, 3/8-16 X 2.75	2
11	6021GT	WASHER, LOCK, .375	26
12	34723PGT	TAP BLOCK,AXLE ADJ.PNTD	4
13	40667GT	WLDT,INN FR AXLE RH MACHINED	2
14	34277GT	PIN,1.00DIA X 6.71LG,2RING	2
15	63217GT	CYLINDER,AXLE EXTENSION,FRONT	1
15-		SEAL KIT,HYDRAULIC CYLINDER	1
		(no longer available)	
16		WELDMENT,OUTER FRONT AXLE	1
		(no longer available)	
17	8516GT	SCREW, HCC, 3/8-16 X 1.50	24
18	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	14
19	34344GT	SHIM, PAD, 3 x 5	22
20	34207GT	WEAR PAD,5 X 1.5 X .75	8
21	34206PGT	PAD,AXLE COMPRESSION,PAINTED	4
22	34343GT	SHIM,SIDE PAD 16GA,.44 SLOT	8
23	30748GT	WASHER,SHIM,1.01 X 1.63 X.062	4
24	44662GT	SNAP RING,EXTERNAL,1.00 DIA.	4
25	34772GT	CASTING,JACK FT/PAD PAINTED	1
26	12981GT	SCREW,HHC,3/8-16 X 4.5	
27	4828GT	NUT, NYLOCK, 3/8-16	1

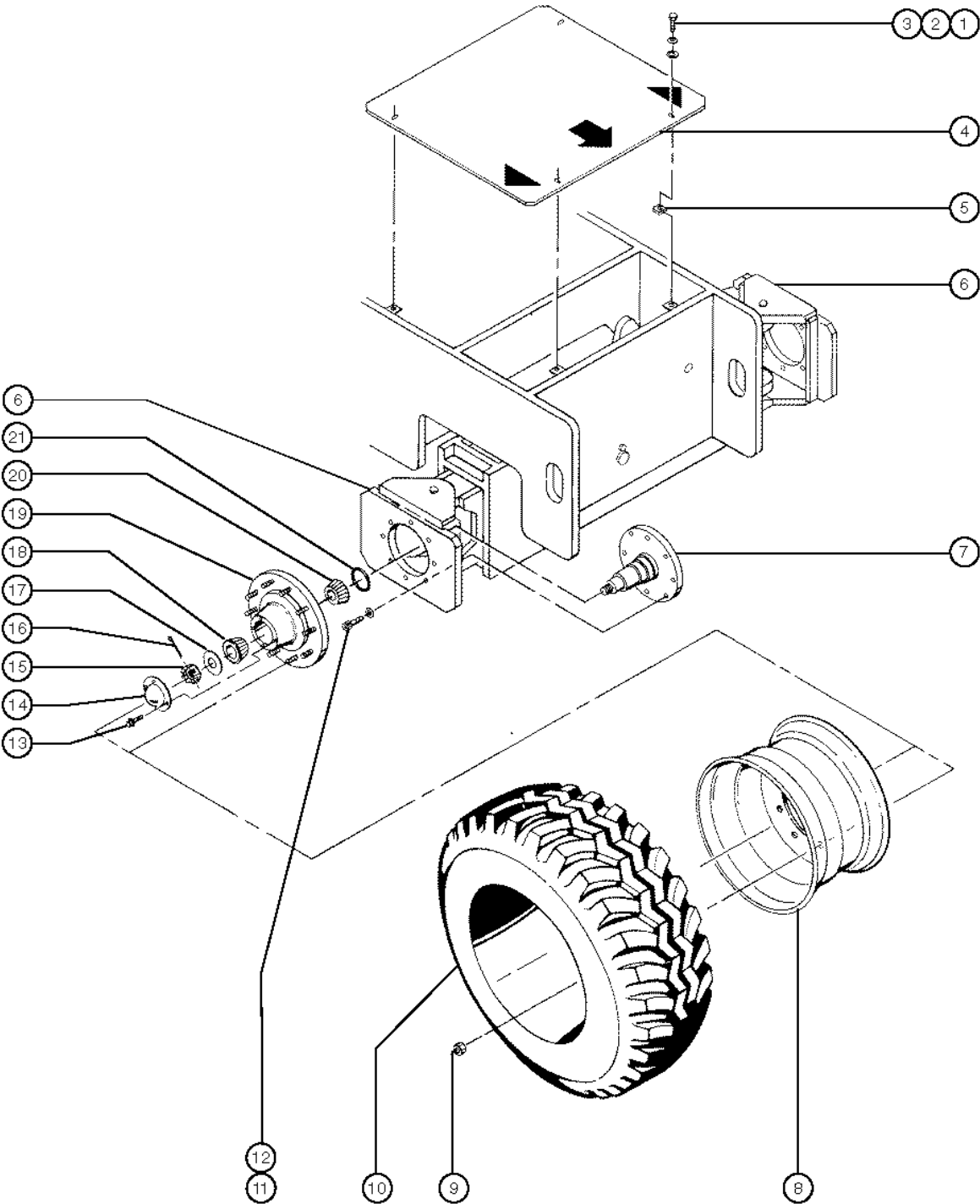
202.1 2WD Extendable Steer Axle Installation



202.1 2WD Extendable Steer Axle Installation

Item	Part No.	Description	Qty.
28	63220GT	CYLINDER,JACK***	1
28-	63360GT	SEAL KIT CYL.S80(63220) for cylinder 63220 only	
28-	33537GT	SEAL KIT,HYDRAULIC CYLINDER for cylinder 34048 (no longer available)	1
29	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	4
30	6036GT	WASHER,LOCK,.625 PLTD	4

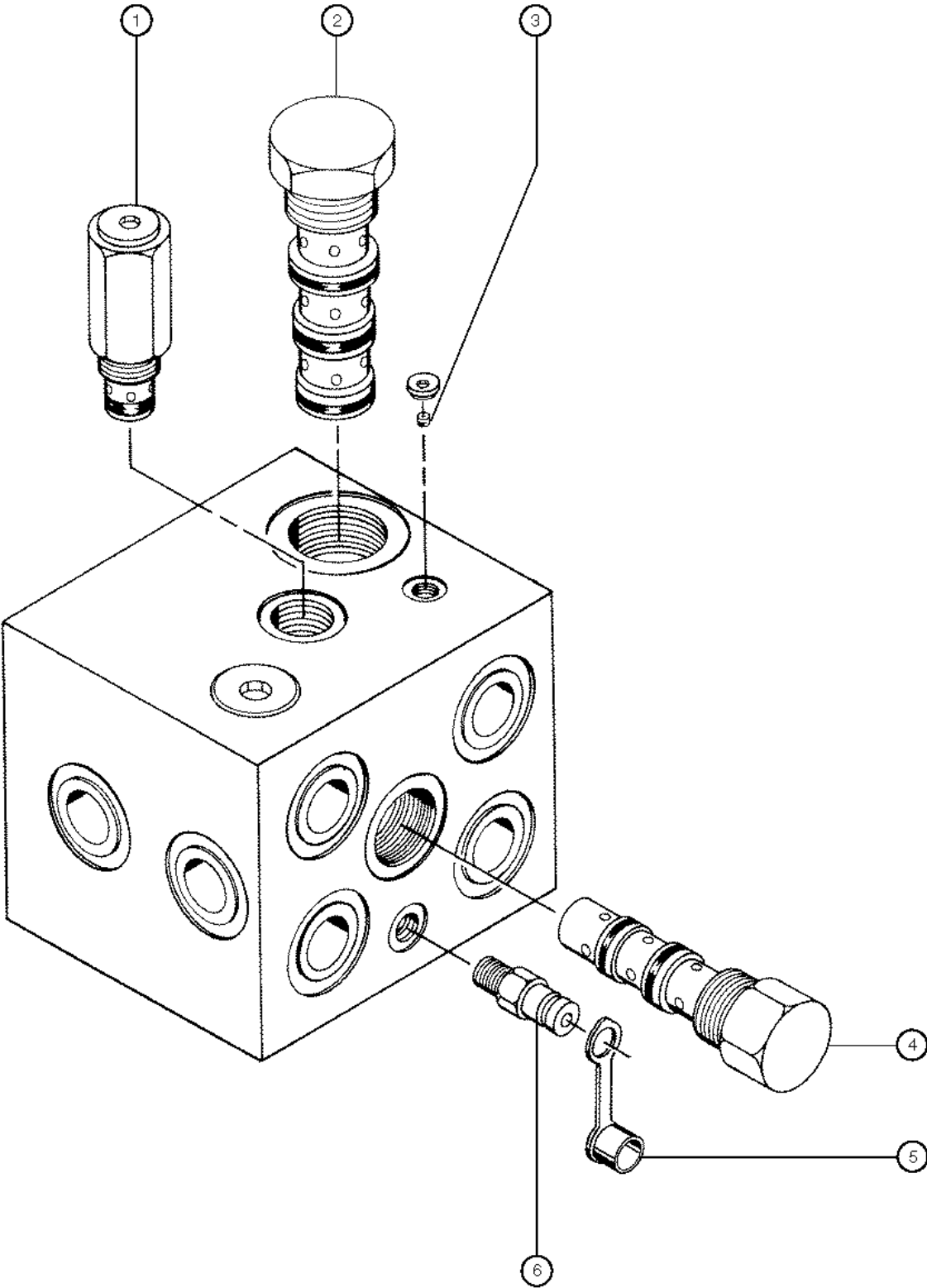
203.1 2WD Steering Wheels and Hubs



203.1 2WD Steering 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	33448GT	COVER W/DECALS, DR. CHAS. STR. END no longer available	1
5	56912GT	SPRING CLIP, 1/4-20, .025-.15X.54, ZAG	4
6		Ref. 2WD Steer Axle (refer to figures 201.1 or 202.1)	4
7	34018GT	WLDMT. HUB ADAPTER 2WD S80	2
8	73190GT	WHEEL, 22.5 X 11.75 S80	
		for 81528, 81529	
9	34127GT	NUT, LUG, 3/4-16 X 7/8 RADIUS	20
10A	81528GT	TIRE & WHEEL ASSY, AIR, RH, S80	1
		RT, Air-filled, right	
10A	81529GT	TIRE & WHEEL ASSY, AIR, LH, S80	1
		RT, Air-filled, left	
10A-	81527GT	TIRE, 15-22.5, 16 PLY, HAULER S80	
		for 81528, 81529	
10B	60956GT	TIRE & WHEEL ASSY, RIGHT, FOAM	
		RT, Foam-filled, right; replaced 81530	
10B	60957GT	TIRE & WHEEL ASSY, LEFT, FOAM	
		RT, Foam-filled, left; replaced 81531	
11	28118GT	SCREW, SHC, 1/2-13 X 2.75	16
12	13066GT	WASHER, FLAT, .5 HARDENED	16
13	18506GT	SCREW 5/16-18 X .75 LG. FLG. LCK.	8
14	73082GT	CAP, DUST	2
15	34627GT	NUT, SPINDLE, 2.00-12	2
16	34628GT	PIN, COTTER, .375 X 3.5	2
17	34626GT	WASHER, FLAT, 2.0 X 4.5 X .25	2
18	73080GT	BEARING, OUTER CONE	2
19	73075GT	HUB ASSY W/RACES	2
19-	73076GT	HUB RACE, INNER	2
19-	73077GT	HUB RACE, OUTER	2
19-	73078GT	STUD, WHEEL, 3/4-16	2
20	73079GT	BEARING, INNER CONE	2
21	94794GT	SEAL, GREASE	2

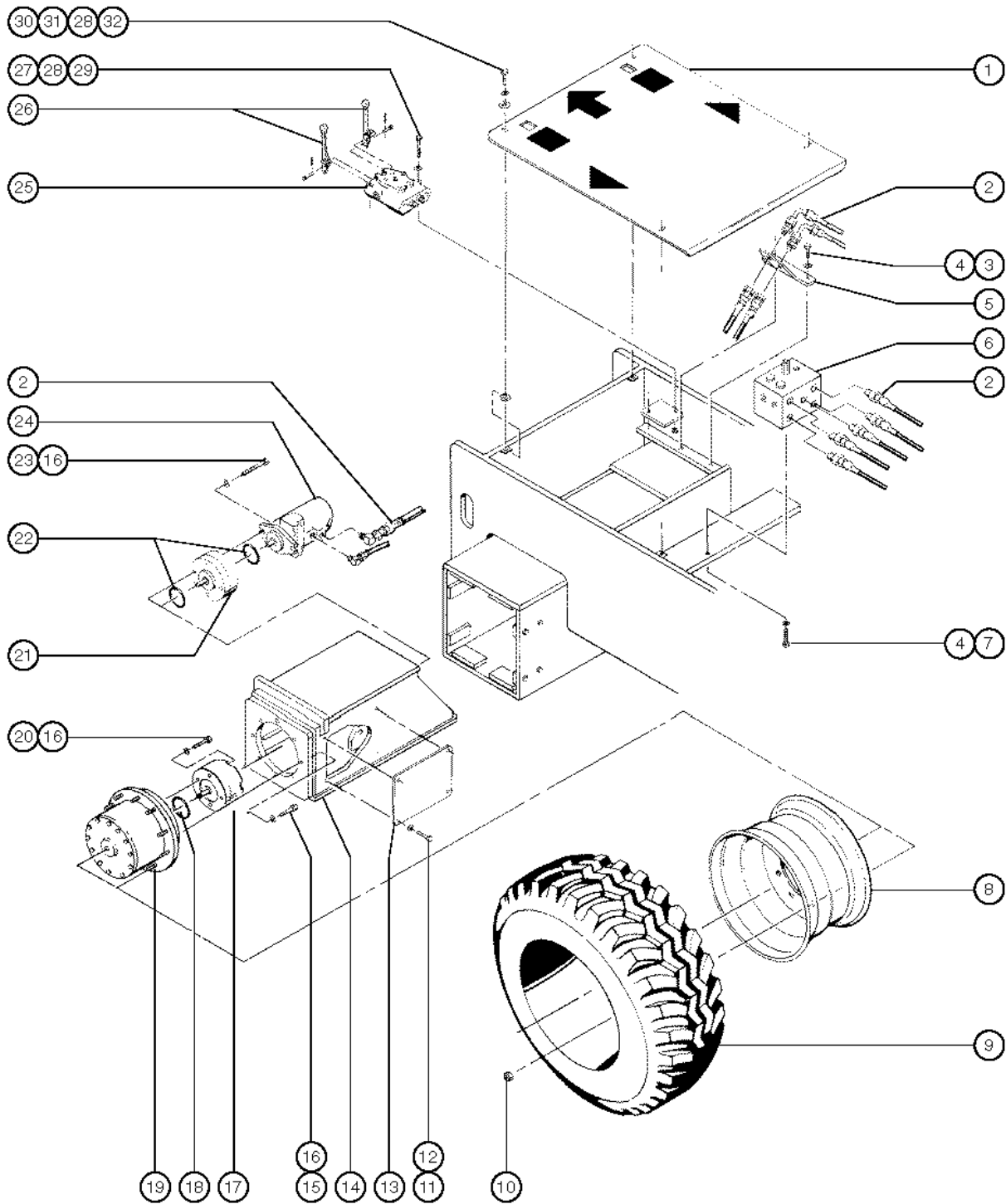
204.1 2WD Drive Manifold



204.1 2WD Drive Manifold

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	34448GT	TRACTION MANIFOLD,2WD***	
	25375GT	KIT, O-RING	
1	31406GT	VALVE,RELIEF 250 PSI***	1
2	52726GT	VALVE,FLOW DIVIDER/COMBINER	2
3	33520GT	PLUG,ORIFICE,0.070	2
4	27761GT	VALVE,SHUTTLE	1
5	48880GT	CAP,DIAGNOSTIC NIPPLE	1
6	48997GT	NIPPLE,DIAGNOSTIC,#4	1
6-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1

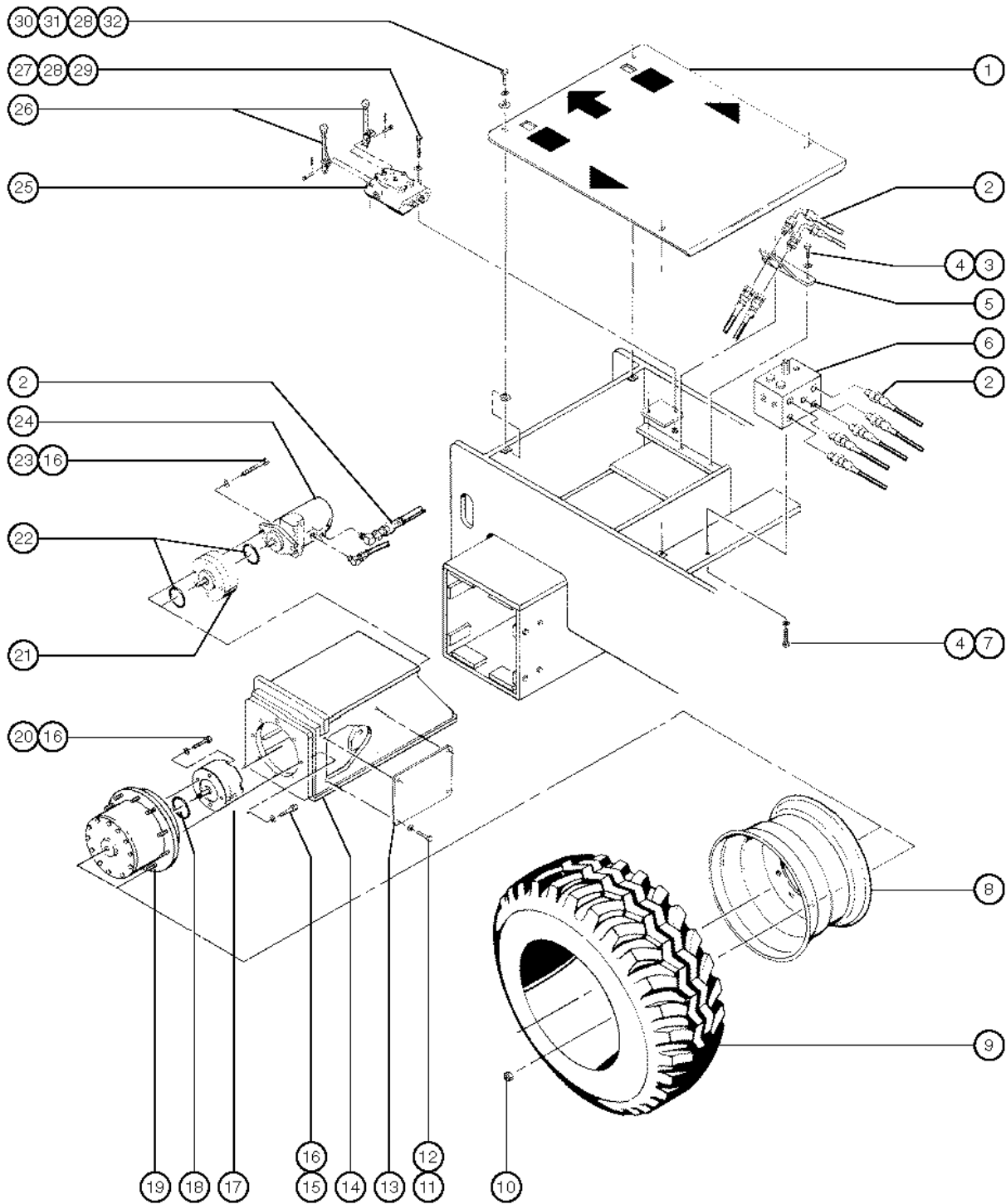
205.1 2WD Non-steer Axle Wheel Drive



205.1 2WD Non-steer Axle Wheel Drive

Item	Part No.	Description	Qty.
1	33467GT	COVR W/DECLS,DR CHAS NS END	1
2		Ref. Hydraulic Hoses & Fittings (refer to figure 208.1)	1
3	6096GT	SCREW,HHC,1/2-13 X 2 GR5	4
4	6033GT	WASHER,LOCK,0.5"	7
5	34719PGT	BRACKET,HOSE SUPPORT PNTD	2
6		Ref. 2WD Drive Manifold (refer to figure 204.1)	2
7	8177GT	SCREW,HHC,1/2-13 X 1.5	3
8	73190GT	WHEEL, 22.5 X 11.75 S80 for 81528, 81529	
9A	81528GT	TIRE & WHEEL ASSY,AIR,RH,S80 RT, Air-filled, right	1
9A	81529GT	TIRE & WHEEL ASSY,AIR,LH,S80 RT, Air-filled, left	1
9A-	81527GT	TIRE,15-22.5,16 PLY,HAULER S80 for 81528, 81529	
9B	60956GT	TIRE & WHEEL ASSY.RIGHT,FOAM RT, Foam-filled, right; replaced 81530	
9B	60957GT	TIRE & WHEEL ASSY.LEFT,FOAM RT, Foam-filled, left; replaced 81531	
10	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	20
11	8255GT	SCREW,HHC,3/8-16 X .75	8
12	6021GT	WASHER, LOCK, .375	8
13	34219PGT	COVER,REAR AXLE PAINTED	2
14		Ref. Extendable Non-steer Axle Installation (refer to figure 206.1)	2
15	45066GT	SCREW,SHC,5/8-11 X 2.25	16
16	13066GT	WASHER,FLAT,.5 HARDENED	24
17	33436GT	TORQUE HUB,4:1 (30989)	2
17-	33443GT	SEAL KIT,TORQUE HUB (30989)	2
18	33437GT	O-RING,TORQUE HUB (30989)	2
19	33435GT	TORQUE HUB,26:1 (30989)***	2
19-	T110729GT	SEAL KIT,TORQUE HUB,26:1(30989)	2
19-	33441GT	STUD,WHEEL,3/4-16, (34115)	2
20		Ref. Screw - SHC, 1/2 -13 x 3 inches, GR 8	8
21	29422PGT	BRAKE,S60 SWING/Z45 DRIVE includes 2 each index number 22	2

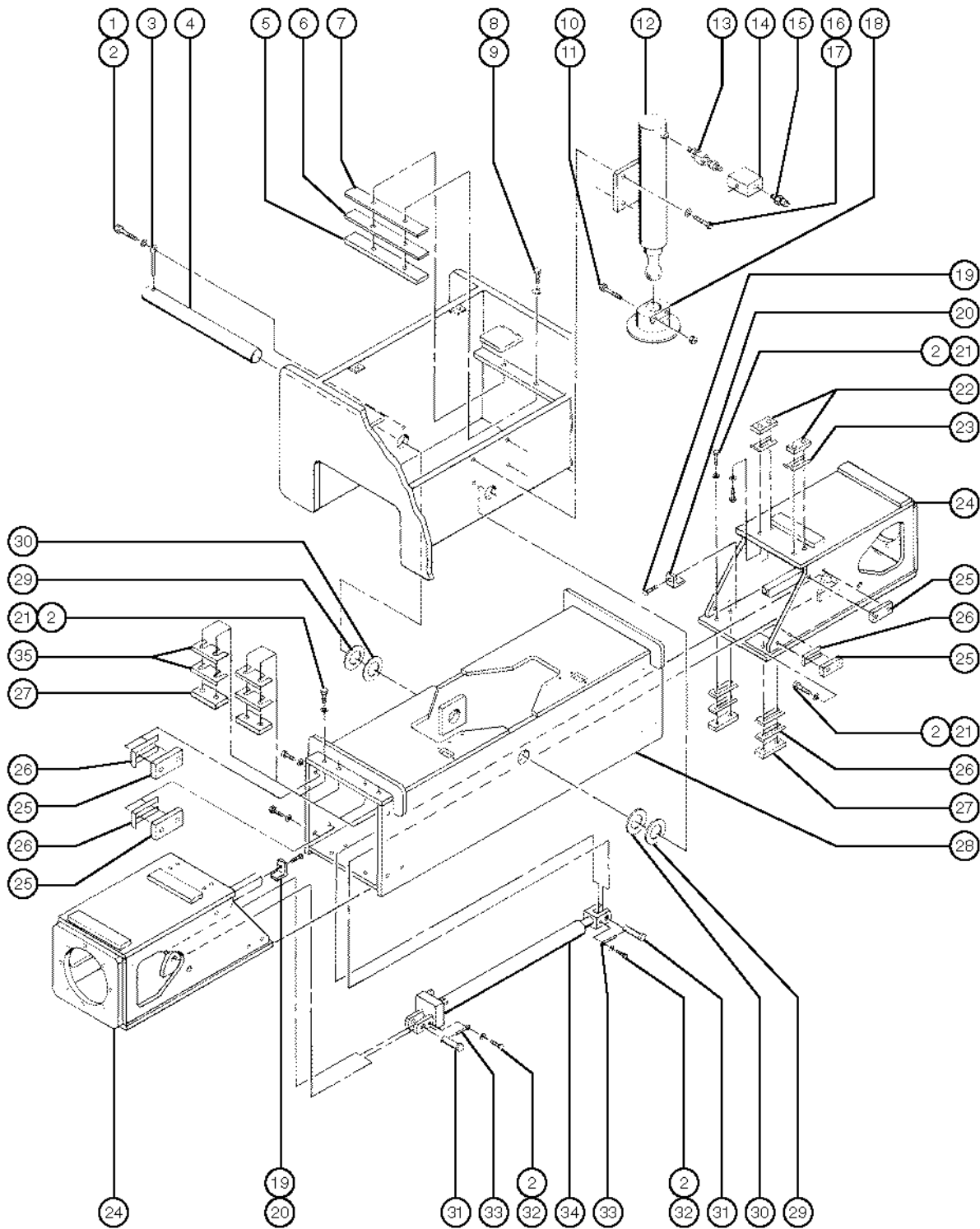
205.1 2WD Non-steer Axle Wheel Drive



205.1 2WD Non-steer Axle Wheel Drive

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
21-	29291GT	SEAL KIT,MICO	2
21-	29292GT	BRAKE,LINING KIT,MICO	2
21-	29293GT	BEARING KIT,MICO	2
22	22811GT	O-RING,MOTOR TO BRAKE***	4
23	7261GT	SCREW,HHC,1/2-13 X 5 BLACK	4
24	24668GT	DRIVE MOTOR REAR,2WD/7 DEGREE* includes 1 each index number 22	2
24-	33444GT	SEAL KIT,DRIVE MOTOR,(24668)	2
25	34134GT	VALVE,MANUAL,3 POS-4 WAY,2SPL*	2
25-	33469GT	SEAL KIT,3POS,4WAY VALVE-34134	2
26	34135GT	HANDLE KIT,SPOOL includes mounting fasteners	4
27	6884GT	SCREW,HHC,1/4-20 X 2.5	4
28	6638GT	WASHER, FLAT, USS, 1/4"Y	12
29	6091GT	NUT,NYLOCK,1/4-20	4
30	6090GT	SCREW, HHC, 1/4-20 X .75	4
31	6356GT	WASHER,LOCK,.25	4
32	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4

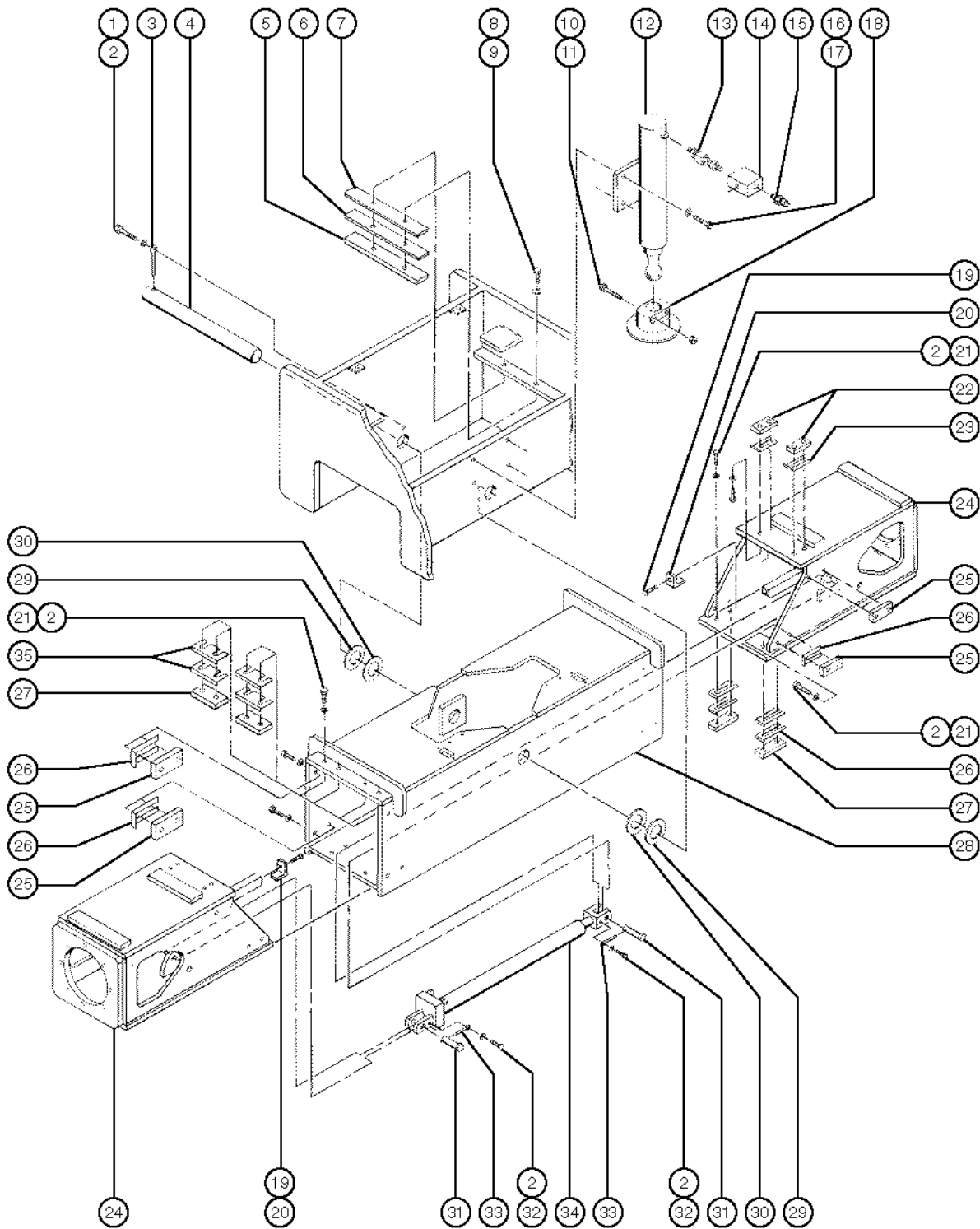
206.1 2WD Extendable Non-steer Axle Installation



206.1 2WD Extendable Non-steer Axle Installation

Item	Part No.	Description	Qty.
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	1
2	6021GT	WASHER, LOCK, .375	60
3	825019GT	ROD END, .375X3.69, ZAG	1
4	34273GT	PIN,2.50DIA X 21.12LG,1HOLE	1
5	34218PGT	BAR,AXLE ROTATION STOP PAINT	2
6	34215GT	SHIM,AXLE ROTATION STOP,12GA	2
7	34216GT	SHIM,AXLE ROTATION STOP,22GA	2
8	8177GT	SCREW,HHC,1/2-13 X 1.5	4
9	6033GT	WASHER,LOCK,0.5"	4
10	12981GT	SCREW,HHC,3/8-16 X 4.5	2
11	4828GT	NUT, NYLOCK, 3/8-16	2
12	63220GT	CYLINDER,JACK***	1
12-	63360GT	SEAL KIT CYL.S80(63220)	
		for cylinder 63220 only	
12-	33537GT	SEAL KIT,HYDRAULIC CYLINDER	1
		for cylinder 34048 (no longer available)	
13		Ref. Hydraulic Hoses & Fittings (refer to figure 209.1)	1
14	34751GT	VALVE,COUNTERBALANCE-SUN	1
		includes index number 15	
15	33549GT	VALVE,COUNTERBAL.CBCH-LJN	1
16	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	4
17	6036GT	WASHER,LOCK,.625 PLTD	4
18	34772GT	CASTING,JACK FT/PAD PAINTED	1
19	16439GT	SCREW,FHS,3/8-16 X 1	2
20	34729PGT	BRACKET,ACTUATOR PAINTED	2
21	8516GT	SCREW, HCC, 3/8-16 X 1.50	64
22	34126GT	WEAR PAD,5 X 3 X .75 W/INSERT	4
23	34344GT	SHIM, PAD, 3 x 5	12
24	53404GT	INNER REAR AXLE WELDMENT, L.H.	1
24-	53405GT	INNER REAR AXLE WELDMENT, R.H.	
25	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	8

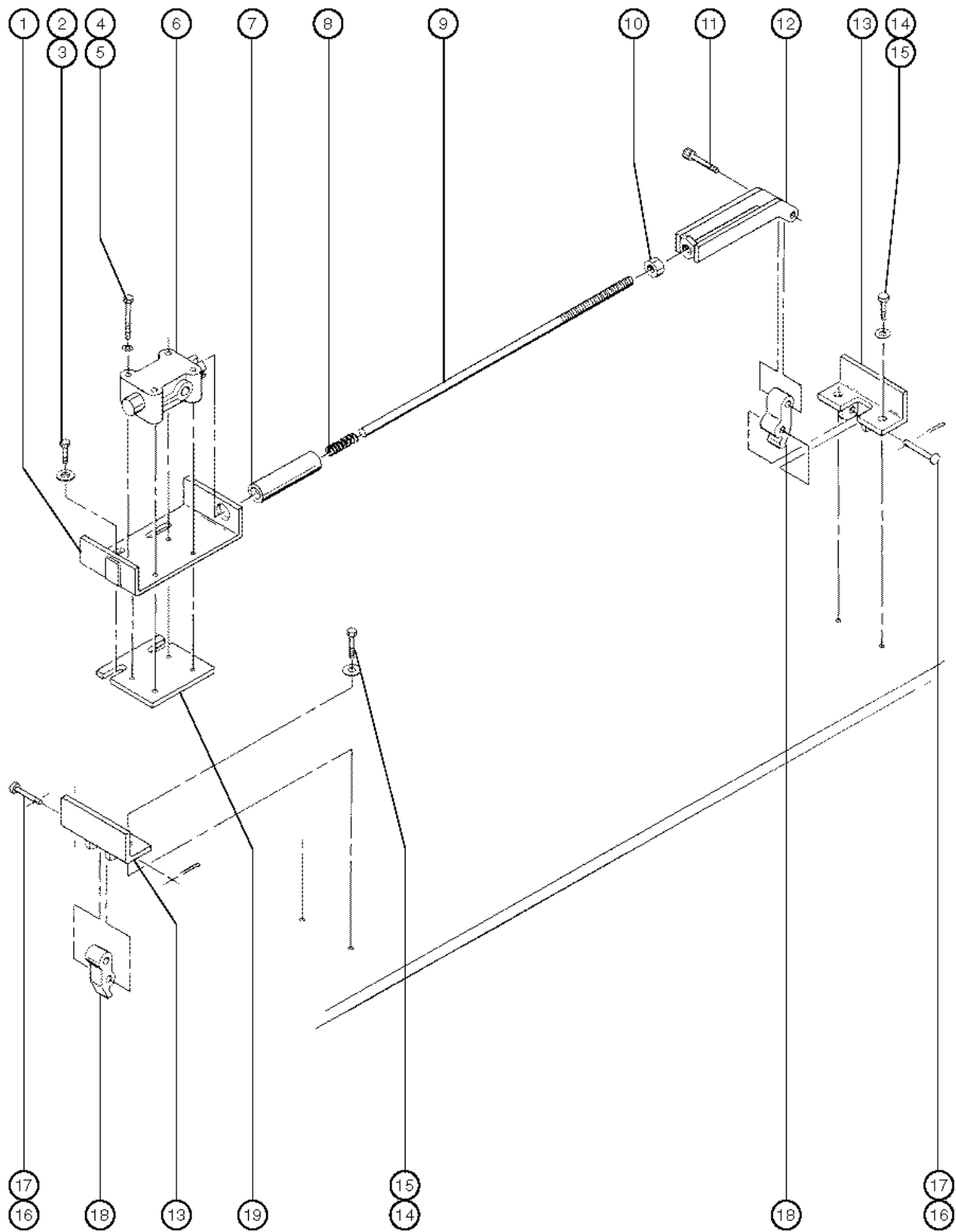
206.1 2WD Extendable Non-steer Axle Installation



206.1 2WD Extendable Non-steer Axle Installation

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
26	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	32
27	34206PGT	PAD,AXLE COMPRESSION,PAINTED	8
28	34082GT	WELDMENT,OUTER REAR AXLE	1
29	25436GT	WASHER,THRUST,2.56 X 4.0 X.18	2
30	29746GT	WASHER,FLAT,2.5 X 4 X .062	6
31	30734GT	PIN,1.00DIA X 2.88LG,1HOLE	2
32	6175GT	SCREW,HHC,3/8-16 X 1	2
33	1255452GT	ROD END,.375 X 2.25,ZAG	2
34	63218GT	CYLINDER,AXLE EXT,REAR	1
34-		SEAL KIT,HYDRAULIC CYLINDER	1
		(no longer available)	
34-	33428GT	VALVE,COUNTERBALANCE	1
35	34343GT	SHIM,SIDE PAD 16GA,.44 SLOT	16

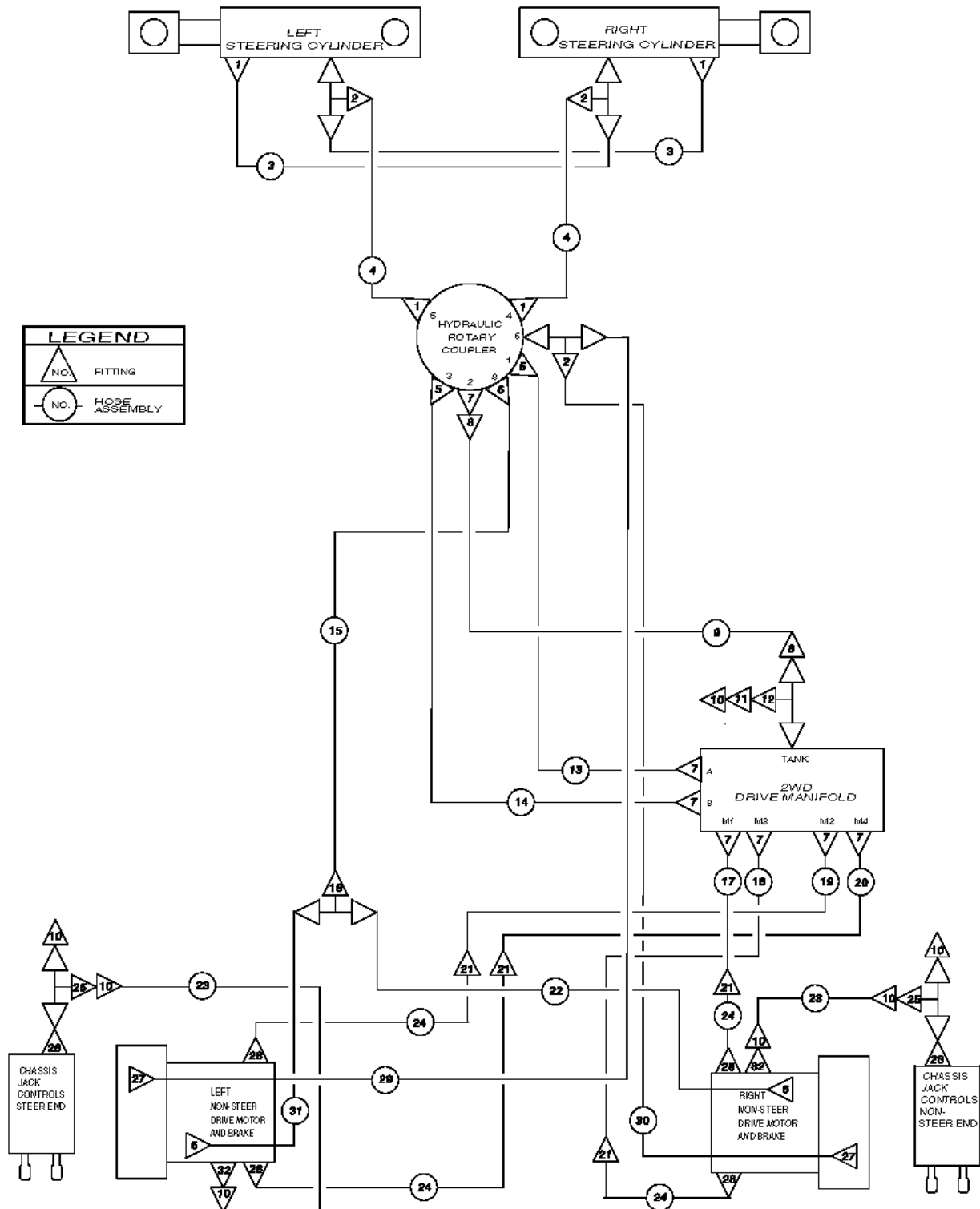
207.1 2WD Extendable Axle Hydraulic Limit Switch Installation



207.1 2WD Extendable Axle Hydraulic Limit Switch Installation

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	34735GT	WELDMENT, SWITCH HOLDER	1
2	11335GT	SCREW, SHS, 3/8-16 X .5	2
3	8519GT	WASHER, SHIM, .5 X .875 X .033	4
4	4266GT	SCREW, HHC, 1/4-20 X 2	4
5	6356GT	WASHER, LOCK, .25	4
6	34552GT	VALVE, DIRECTIONAL, 2POS. 2WAY 90	1
6-	34552GT	VALVE, DIRECTIONAL, 2POS. 2WAY 90	1
7	34747GT	PLUNGER, CONNECTING ROD	1
8	34748GT	SPRING, AXLE CONNECTING ROD	1
9	34647GT	ROD, AXLE SWITCH CONNECT	1
10	45076GT	NUT, HEX, JAM, 5/8-11	1
11	34732GT	SCREW, SHS, 5/16-18 X 1.25(3/8)	1
12	34646GT	CLEVIS, AXLE SWITCH ADJMNT	1
13	34645GT	WELDMENT, PIVOT BRACKET	2
14	8255GT	SCREW, HHC, 3/8-16 X .75	4
15	6021GT	WASHER, LOCK, .375	4
16	34742GT	PIN, CLEVIS, .375 X 1.75 LG.	2
17	12016GT	PIN, COTTER, .125 X .75	2
18	34644PGT	LINK, AXLE SWITCH PAINTED	2
19	34652GT	SLIDE PAD, AXLE SWITCH	1

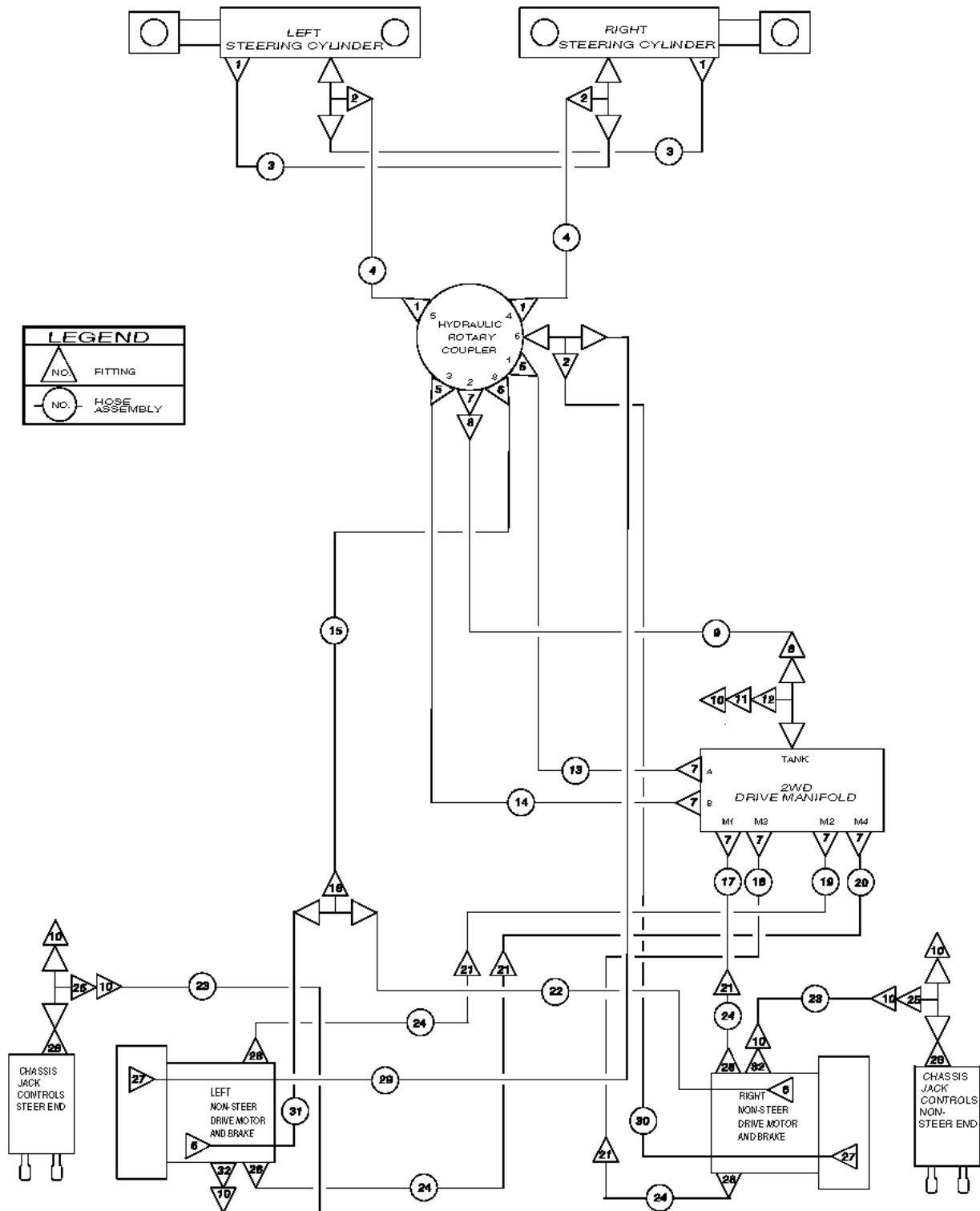
208.1 2WD Hydraulic Hoses and Fittings - Drive / Steer System



208.1 2WD Hydraulic Hoses and Fittings - Drive / Steer System

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	13120GT	ELBOW,070220-6-6	4
2	13119GT	TEE,RUN,070428-6-6	3
3	34704GT	HOSE ASSEMBLY, 97"	2
4	34705GT	HOSE ASSEMBLY, 86"	2
5	22099GT	ELBOW,070320-12-12	2
6	12340GT	ELBOW,070220-4-6	3
7	19687GT	CONNECTOR,070120-12-12	7
8	45170GT	HOSE END,BARBED,SWIVEL,-12-12	2
9	33533GT	HOSE, CASE DRAIN, 22"	1
10	20324GT	HOSE END,BARBED,SWIVEL,-8-8	7
11	20325GT	REDUCER,070123-12-8	1
12	28456GT	TEE,RUN,070428-12-12	1
13	34594GT	HOSE ASSEMBLY, 33.5"	1
14	34595GT	HOSE ASSEMBLY, 29.75"	1
15	34702GT	HOSE ASSEMBLY, 35"	1
16	34727GT	TEE,UNION,070401-6	1
17	34591GT	HOSE ASSEMBLY, 21"	1
18	34651GT	HOSE ASSEMBLY, 26"	1
19	34722GT	HOSE ASSEMBLY, 37"	1
20	34721GT	HOSE ASSEMBLY, 33.5"	1
21	34725GT	BULKHEAD,UNION,070601-12	4
21-	34726GT	BULKHEAD,NUT,070118-12	4
22	34686GT	HOSE ASSEMBLY, 97"	1
23	34701GT	HOSE ASSEMBLY, 41"	2
24	34590GT	HOSE ASSEMBLY, 34.5"	4
25	21252GT	TEE,RUN,070432-8	2
26	45703GT	CONNECTOR,070120-8-8	2
27	13921GT	ELBOW,070220-4-4	2

208.1 2WD Hydraulic Hoses and Fittings - Drive / Steer System

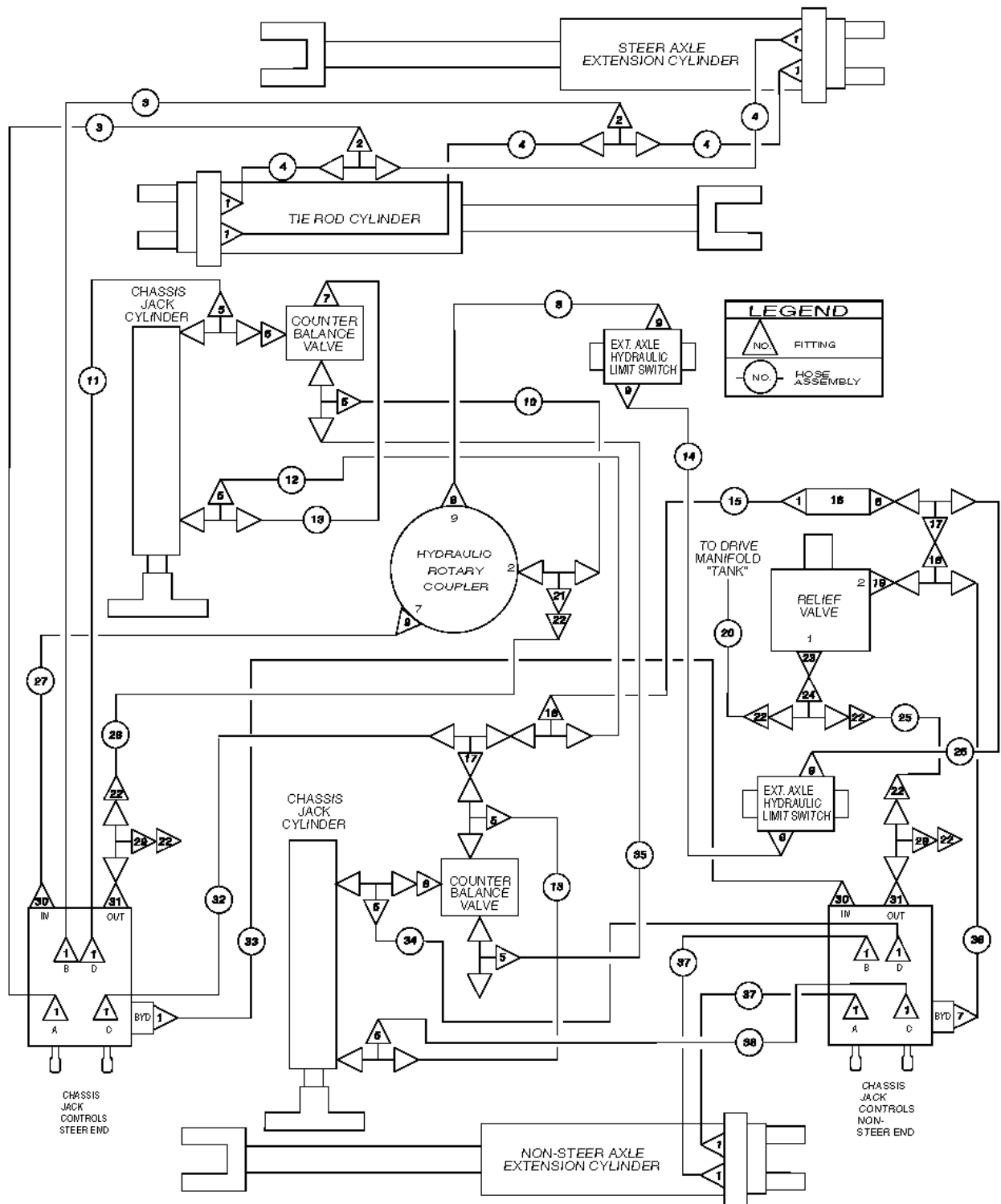


208.1 2WD Hydraulic Hoses and Fittings - Drive / Steer System

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
28	20332GT	ELBOW,070220-12-16	4
29	34687GT	HOSE ASSEMBLY, 118"	1
30	34688GT	HOSE ASSEMBLY, 118"	1
31	34703GT	HOSE ASSEMBLY, 89"	1
32	25951GT	ELBOW,070220-8-12	2



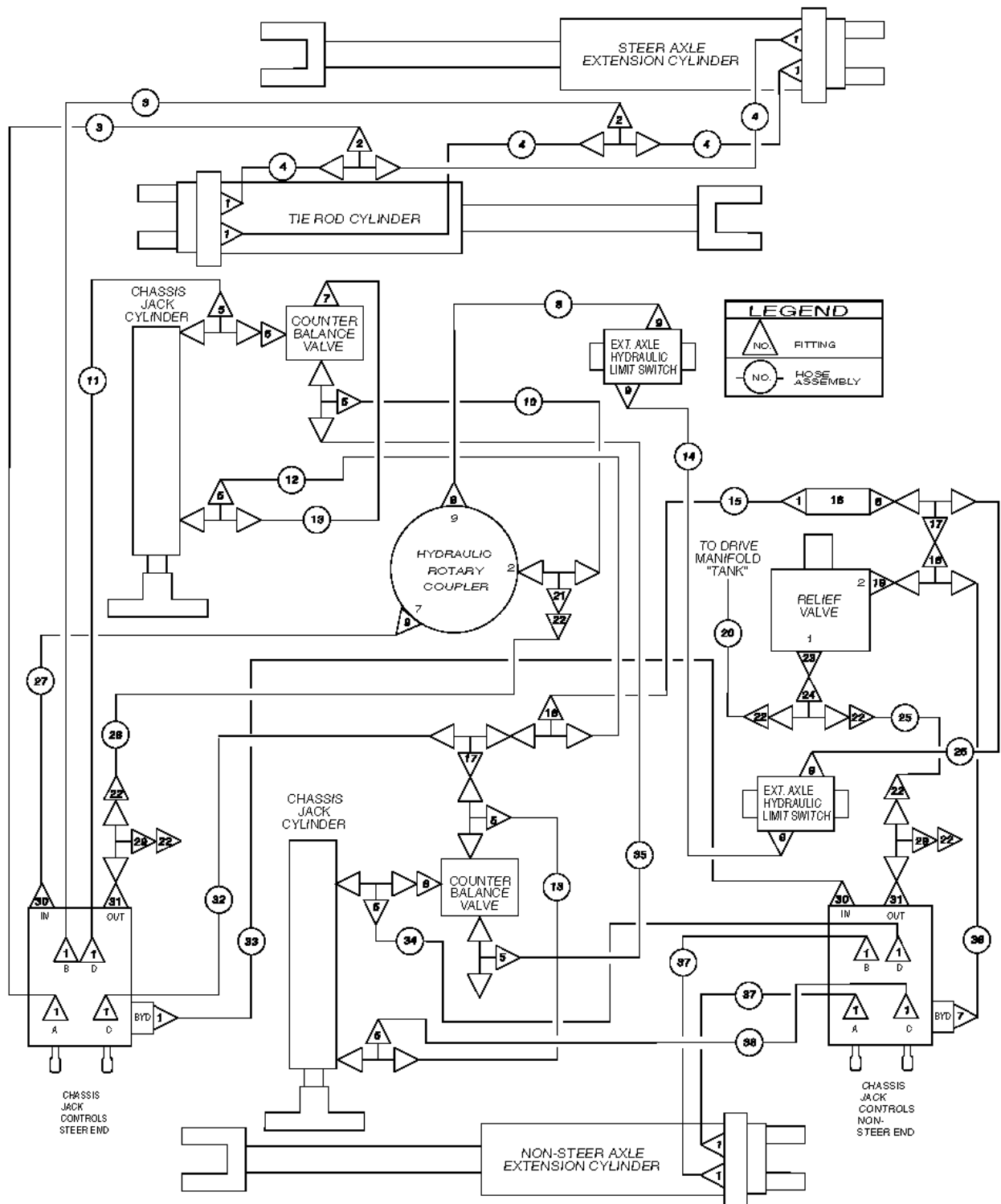
209.1 2WD Hydraulic Hoses and Fittings - Extendable Axle System



209.1 2WD Hydraulic Hoses and Fittings - Extendable Axle System

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	13756GT	CONNECTOR,070120-4-6	16
2	34727GT	TEE,UNION,070401-6	2
3	34706GT	HOSE ASSEMBLY, 96"	2
4	34707GT	HOSE ASSEMBLY, 72"	4
5	13119GT	TEE,RUN,070428-6-6	7
6	30392GT	ADAPTER,6402-6-6	3
7	13120GT	ELBOW,070220-6-6	2
8	34683GT	HOSE ASSEMBLY, 81"	1
9	12340GT	ELBOW,070220-4-6	6
10	34776GT	HOSE ASSEMBLY, 36"	1
11	34699GT	HOSE ASSEMBLY, 107"	1
12	34777GT	HOSE ASSEMBLY, 72"	1
13	34691GT	HOSE ASSEMBLY, 19"	2
14	34690GT	HOSE ASSEMBLY, 114"	1
15	34778GT	HOSE ASSEMBLY, 16"	1
16		VALVE,CHECK,#6 O-RING PORTS no longer available	1
17	45704GT	TEE,BRANCH,070433-6-6	2
18	45366GT	TEE,RUN,070432-6-6	2
19	45412GT	CONNECTOR,070120-6-6	1
20	34692GT	HOSE ASSEMBLY, 15.5"	1
21	20334GT	TEE,RUN,070428-8	1
22	20324GT	HOSE END,BARBED,SWIVEL,-8-8	7
23	20923GT	CONNECTOR,070120-8-6	1
24	20328GT	TEE,BRANCH,070433-8	1
25	34693GT	HOSE ASSEMBLY, 17.5"	1
26	34696GT	HOSE ASSEMBLY, 35"	1
27	34684GT	HOSE ASSEMBLY, 63"	1
28	34698GT	HOSE ASSEMBLY, 67"	1

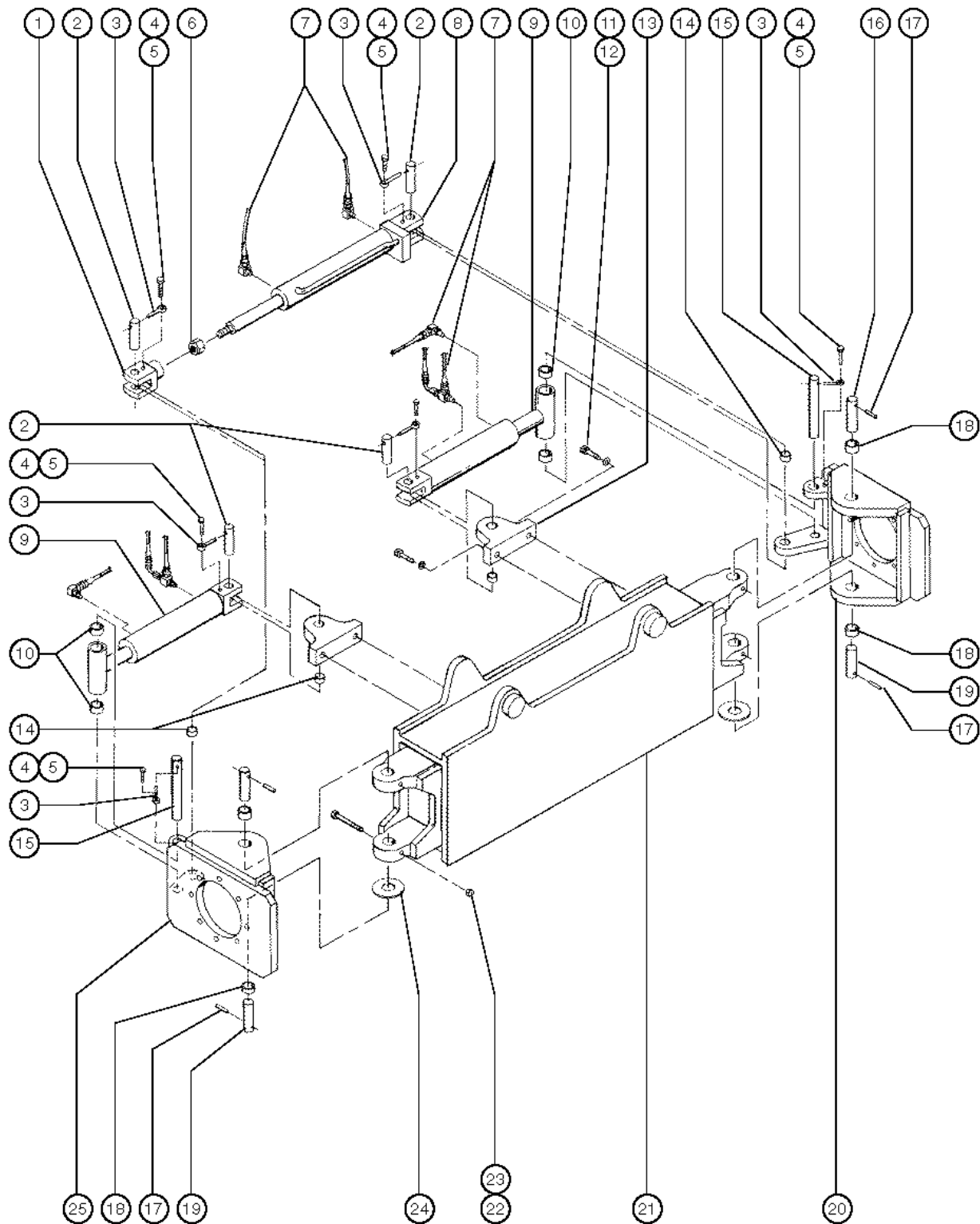
209.1 2WD Hydraulic Hoses and Fittings - Extendable Axle System



209.1 2WD Hydraulic Hoses and Fittings - Extendable Axle System

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29	21252GT	TEE,RUN,070432-8	2
30	34612GT	CONNECTOR,070120-4-8	2
31	45703GT	CONNECTOR,070120-8-8	2
32	34700GT	HOSE ASSEMBLY, 37"	1
33	34685GT	HOSE ASSEMBLY, 22"	1
34	34694GT	HOSE ASSEMBLY, 25.25"	1
35	34779GT	HOSE ASSEMBLY, 65"	1
36	34689GT	HOSE ASSEMBLY, 23"	1
37	34697GT	HOSE ASSEMBLY, 60"	2
38	34695GT	HOSE ASSEMBLY, 45.25"	1

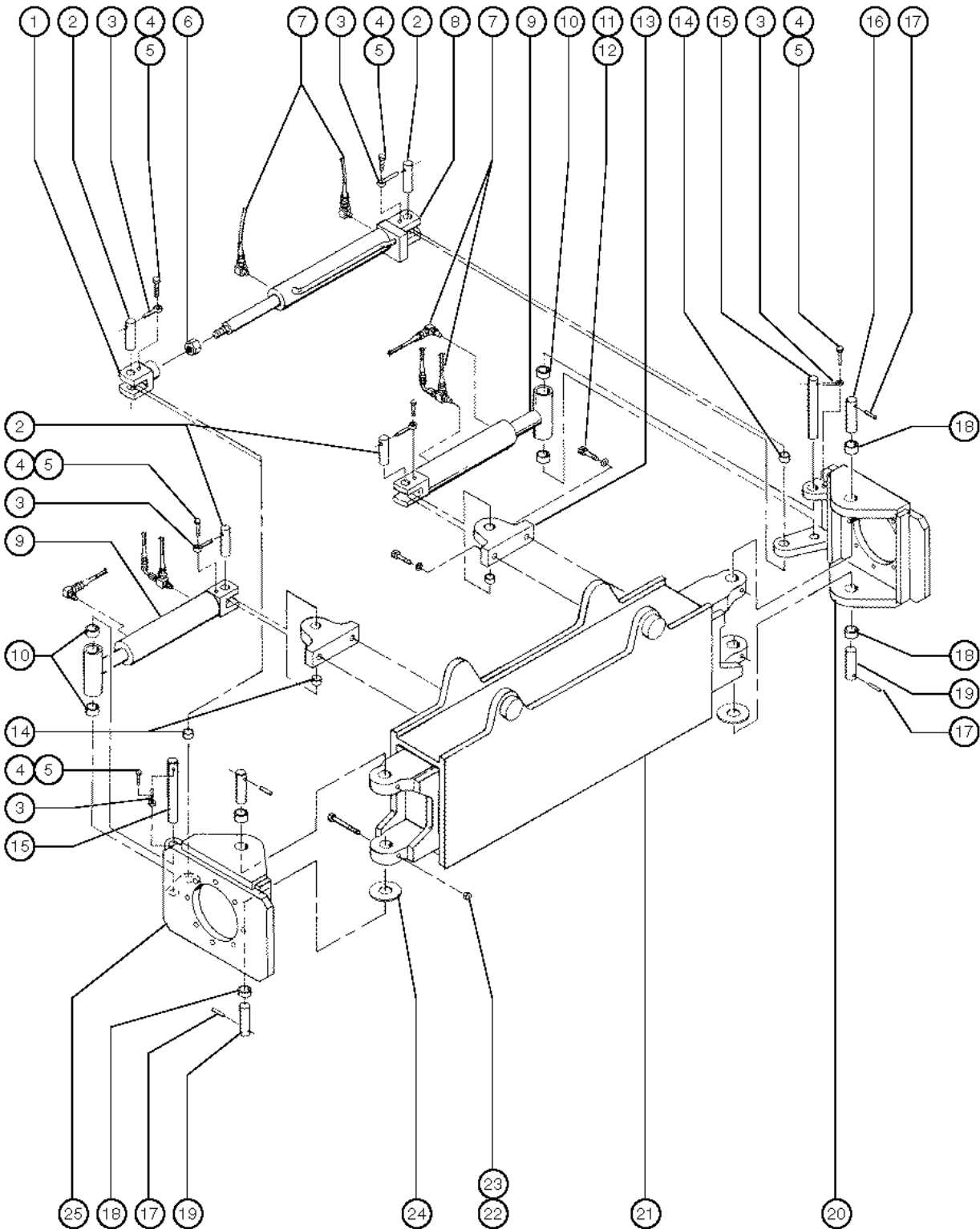
301.1 4WD Steer Axle Steering Linkage



301.1 4WD Steer Axle Steering Linkage

Item	Part No.	Description	Qty.
1	34290PGT	ADJUSTMENT LUG,1.25-7 PNTD	1
2	34276GT	PIN,1.25DIA X 3.37LG,1HOLE	4
3	1255452GT	ROD END,.375 X 2.25,ZAG	6
4	6175GT	SCREW,HHC,3/8-16 X 1	12
5	6021GT	WASHER, LOCK, .375	12
6	27953GT	NUT,HEX,JAM,1.25-7	1
7		Ref. Hydraulic Hoses & Fittings (refer to figure 308.1 or 309.1)	1
8	81993GT	CYLINDER,TIE ROD, S80/S85	1
8-	31078GT	SEAL KIT,HYDRAULIC CYLINDER***	1
8-	33428GT	VALVE,COUNTERBALANCE	1
9	88348GT	CYLINDER,STEER S80/85 includes 2 each index number 10	2
9-	88349GT	SEAL KIT,STEER CYL *** (use with cylinder 88348)	2
9	59050GT	SEAL KIT,2.5" BORE,1.5" ROD*** (use with cylinder 59101)	
9-	31078GT	SEAL KIT,HYDRAULIC CYLINDER*** (use with cylinder 34128)	
10	25683GT	BEARING,POLYGON,20DU12	4
		(for 34128 cylinder)	
10	59266GT	BEARING, POLYGON P2055 (59105)	
		(for 59101 and 88348 cylinders)	
11	22202GT	SCREW,SHC,1/2-13 X 2.25 ***	4
12	6033GT	WASHER,LOCK,0.5"	4
13	34196PGT	LUG,FRONT AXLE STEERING,PAINT	2
14	34245GT	BEARING,1.25IDX1.50X1.25L	4
15	34275GT	PIN,1.25DIA X 10.18LG,1HOLE	2
16	34274GT	PIN,KING,TOP,5.88 X 1.5 INCHES	2
17	14815GT	PIN,ROLL,SST,.25 X 2.25	4
18	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	4
19	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360	2
20	33426GT	YOKE ASSEMBLY,LEFT SIDE,4WD includes index numbers 14 and 18	1
21		Ref. Extendable Steer Axle Installation (refer to figure 302.1)	1
22	6086GT	NUT,LP NYLOCK,1/2-13	4

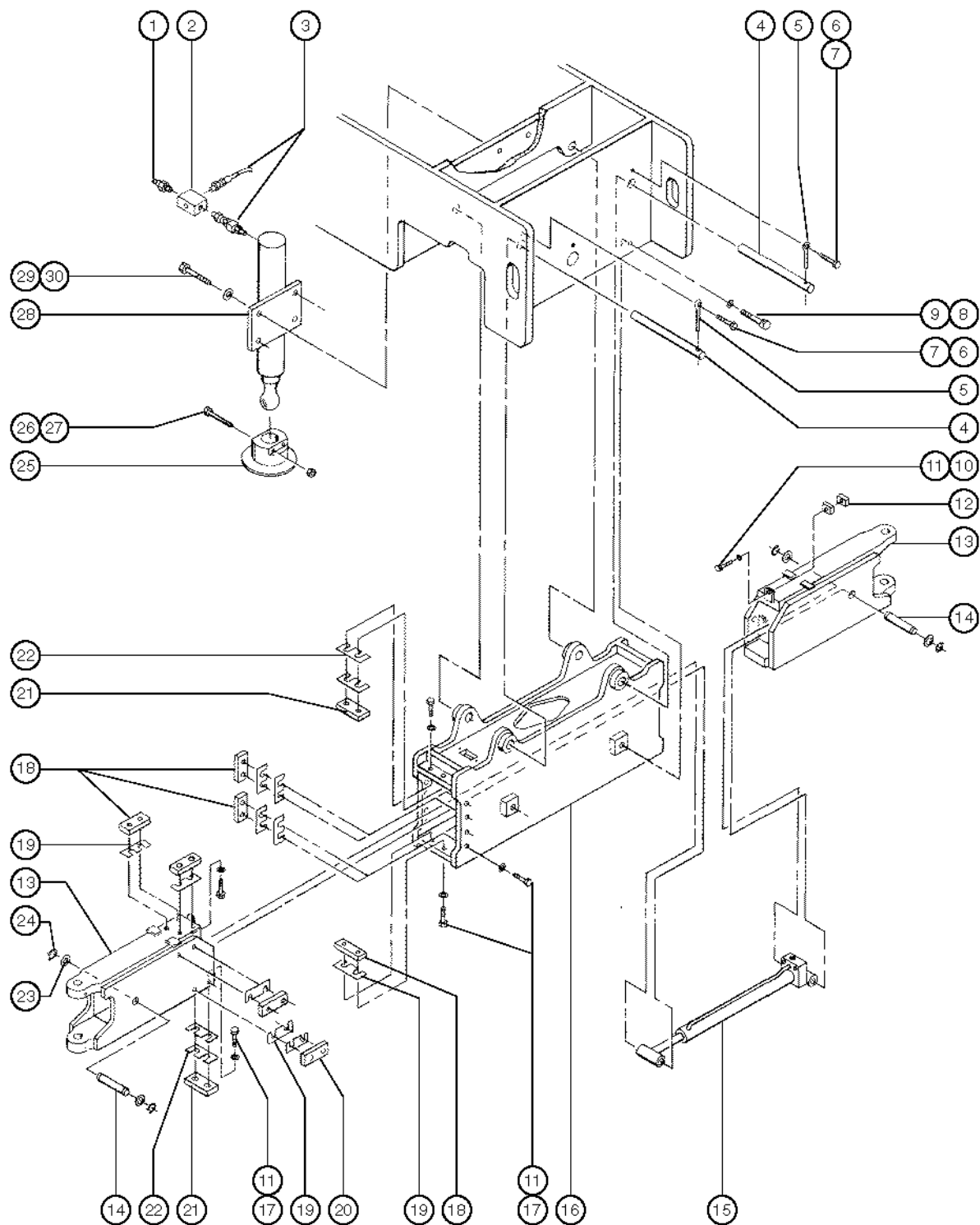
301.1 4WD Steer Axle Steering Linkage



301.1 4WD Steer Axle Steering Linkage

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23	8220GT	SCREW,HHC,1/2-13 X 4	4
24	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
25	33427GT	YOKE ASSEMBLY,RIGHT SIDE,4WD	1
		includes index numbers 14 and 18	

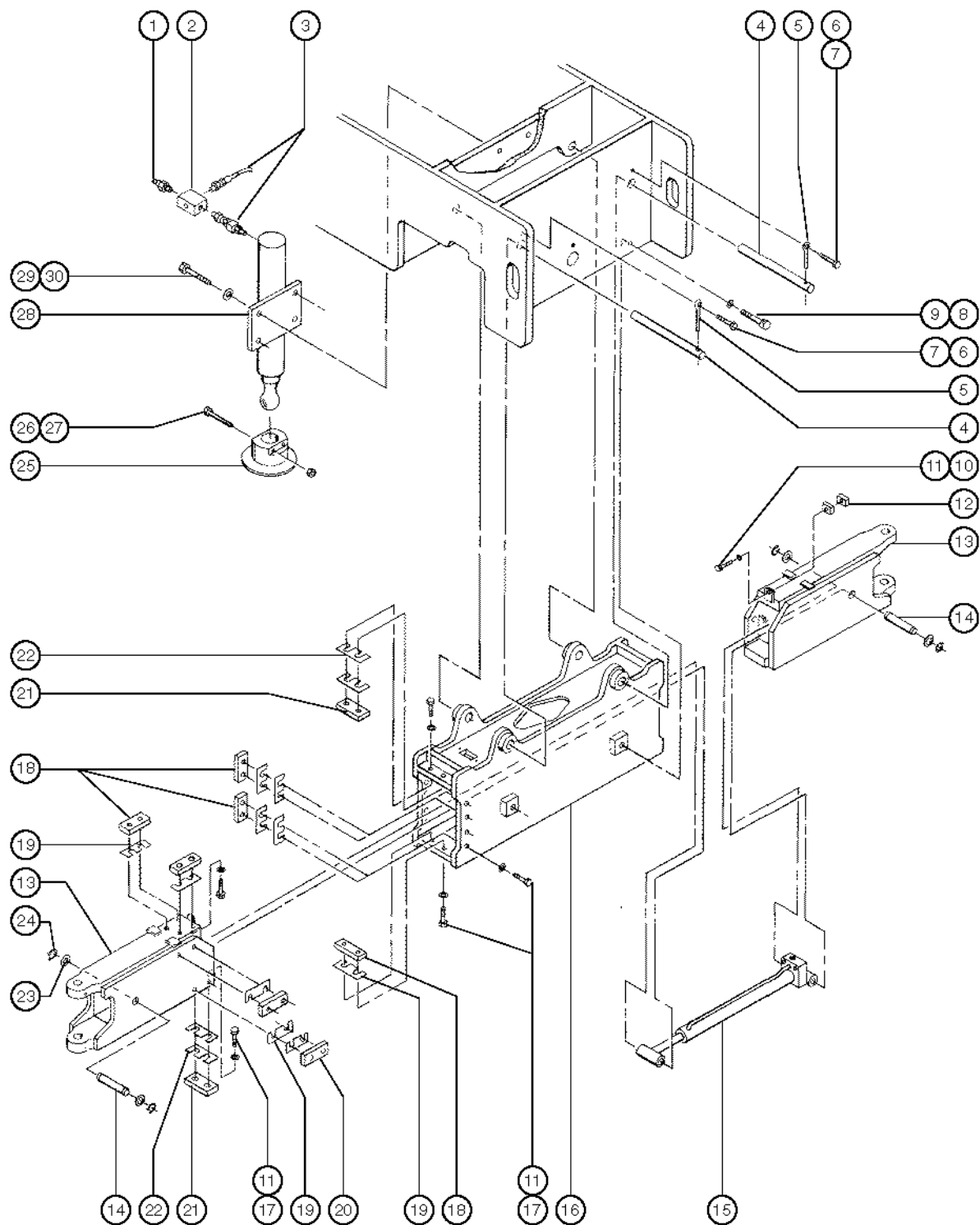
302.1 4WD Extendable Steer Axle Installation



302.1 4WD Extendable Steer Axle Installation

Item	Part No.	Description	Qty.
1	33549GT	VALVE,COUNTERBAL.CBCH-LJN	1
2	34751GT	VALVE,COUNTERBALANCE-SUN	1
3		includes index number 1	
3		Ref. Hydraulic Hoses & Fittings (refer to figure 308.1)	1
4	30731GT	PIN,PRIM.BOOM,16.0 X 1.5 INCH	2
5	1256267GT	ROD END,.5 X 3.75,ZAG	2
6	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
7	6086GT	NUT,LP NYLOCK,1/2-13	2
8	45066GT	SCREW,SHC,5/8-11 X 2.25	1
9	13064GT	WASHER,FLAT,.625 HARDENED	1
10	14033GT	SCREW, HHC, 3/8-16 X 2.75	2
11	6021GT	WASHER, LOCK, .375	26
12	34723PGT	TAP BLOCK,AXLE ADJ.PNTD	4
13	40667GT	WLDT,INN FR AXLE RH MACHINED	2
14	34277GT	PIN,1.00DIA X 6.71LG,2RING	2
15	63217GT	CYLINDER,AXLE EXTENSION,FRONT	1
15-		SEAL KIT,HYDRAULIC CYLINDER	1
		(no longer available)	
15-	33428GT	VALVE,COUNTERBALANCE	1
16		WELDMENT,OUTER FRONT AXLE	1
		(no longer available)	
17	8516GT	SCREW, HCC, 3/8-16 X 1.50	24
18	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	14
19	34344GT	SHIM, PAD, 3 x 5	22
20	34207GT	WEAR PAD,5 X 1.5 X .75	8
21	34206PGT	PAD,AXLE COMPRESSION,PAINTED	4
22	34343GT	SHIM,SIDE PAD 16GA,.44 SLOT	8
23	30748GT	WASHER,SHIM,1.01 X 1.63 X.062	4
24	44662GT	SNAP RING,EXTERNAL,1.00 DIA.	4
25	34772GT	CASTING,JACK FT/PAD PAINTED	1
26	12981GT	SCREW,HHC,3/8-16 X 4.5	2

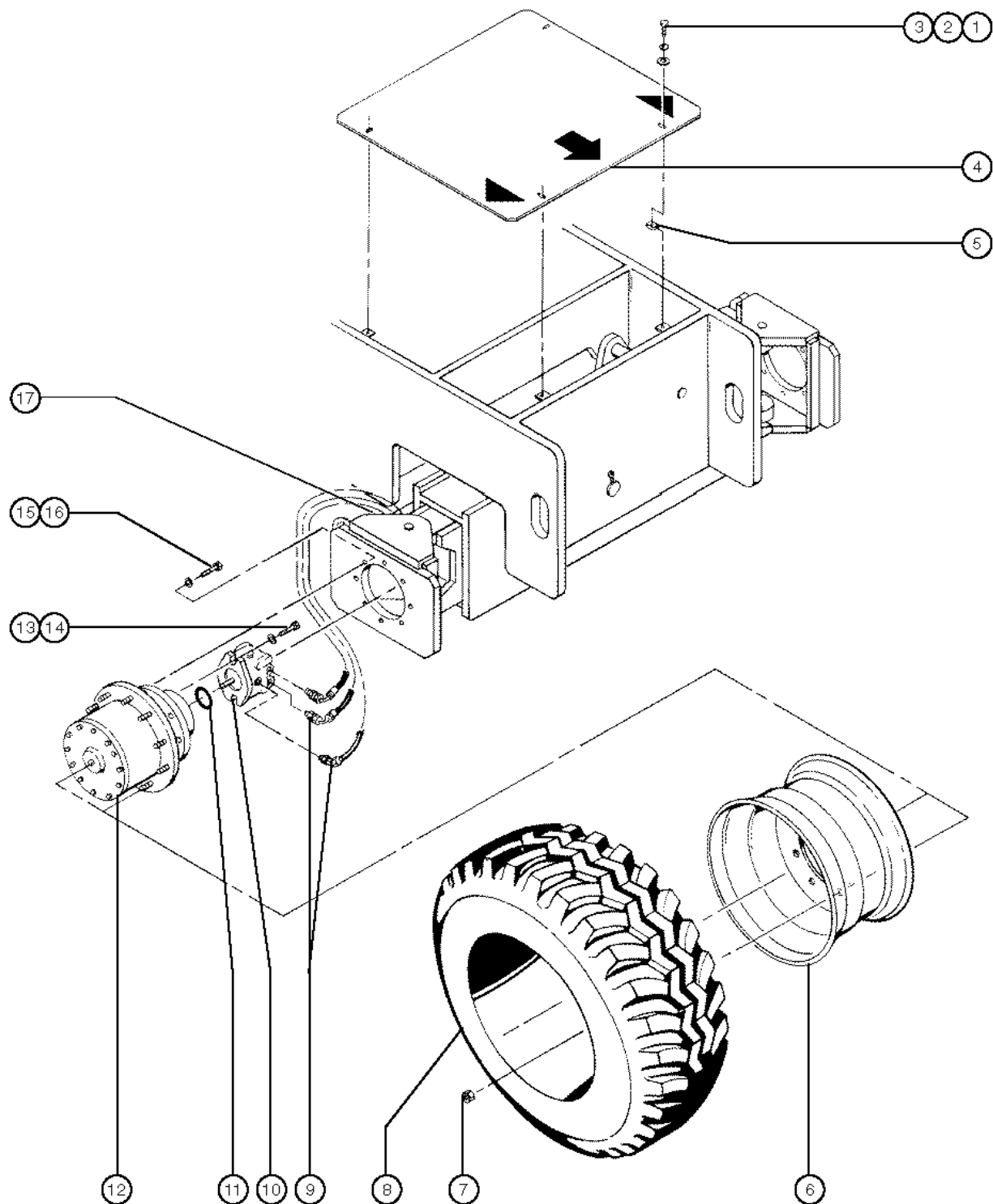
302.1 4WD Extendable Steer Axle Installation



302.1 4WD Extendable Steer Axle Installation

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
27	4828GT	NUT, NYLOCK, 3/8-16	2
28	63220GT	CYLINDER,JACK***	1
28-	63360GT	SEAL KIT CYL.S80(63220) for cylinder 63220 only	
28-	33537GT	SEAL KIT,HYDRAULIC CYLINDER for cylinder 34048 (no longer available)	1
29	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	4
30	6036GT	WASHER,LOCK,.625 PLTD	4

303.1 4WD Steer Axle Wheel Drive



303.1 4WD Steer Axle Wheel Drive

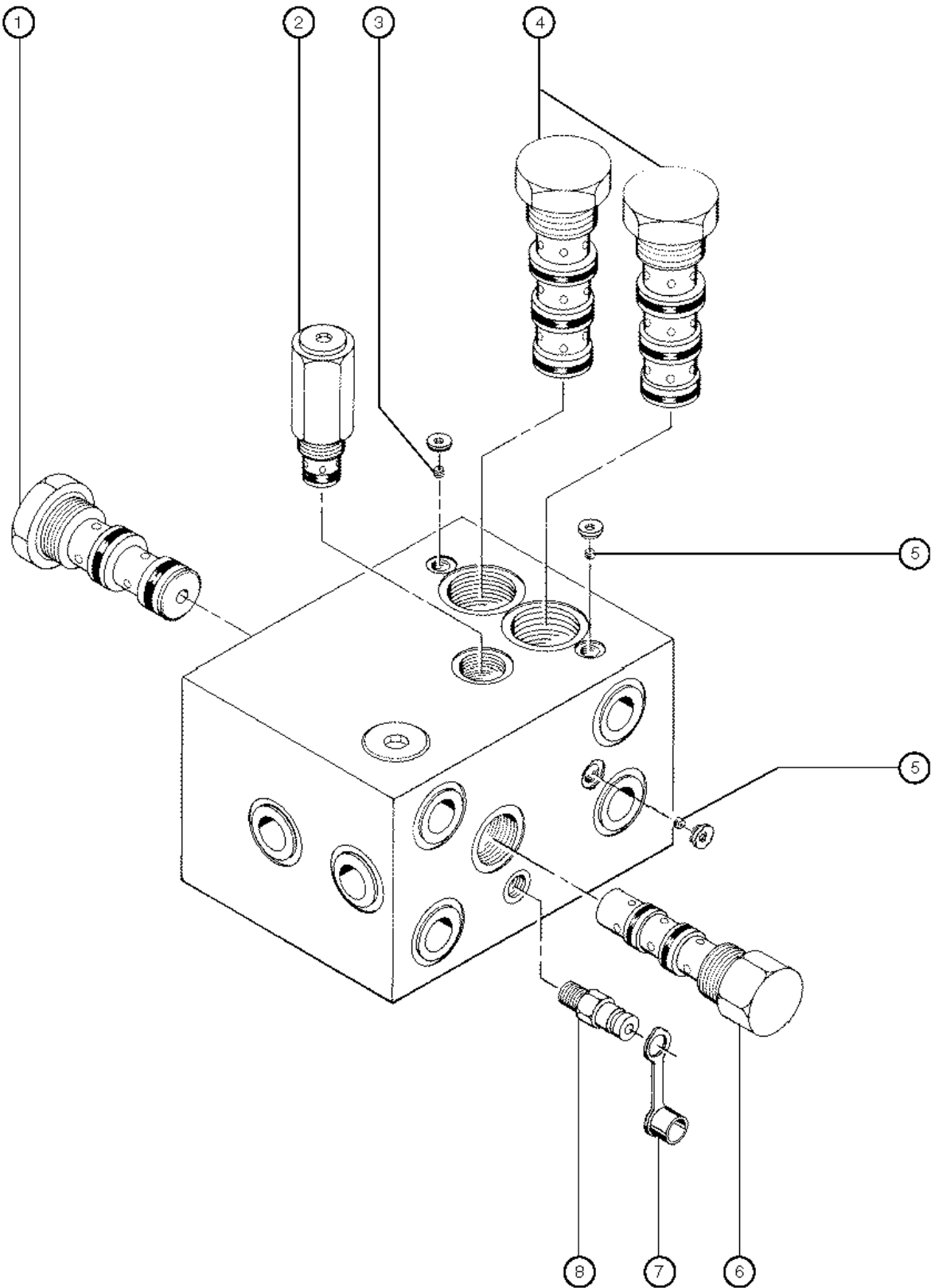
Item	Part No.	Description	Qty.
	33434GT	WHEEL DRIVE,W3 73:1***	
1	6090GT	SCREW, HHC, 1/4-20 X .75	4
2	6356GT	WASHER,LOCK,.25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	33448GT	COVER W/DECALS,DR.CHAS.STR.END no longer available	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
6	73190GT	WHEEL, 22.5 X 11.75 S80 for 81528, 81529	
7	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	20
8A	81528GT	TIRE & WHEEL ASSY,AIR,RH,S80 RT, Air-filled, right	1
8A	81529GT	TIRE & WHEEL ASSY,AIR,LH,S80 RT, Air-filled, left	1
8A-	81527GT	TIRE,15-22.5,16 PLY,HAULER S80 for 81528, 81529	
8B	60956GT	TIRE & WHEEL ASSY.RIGHT,FOAM RT, Foam-filled, right; replaced 81530	2
8B	60957GT	TIRE & WHEEL ASSY.LEFT,FOAM RT, Foam-filled, left; replaced 81531	2
9		Ref. Hydraulic Hoses & Fittings (refer to figure 308.1)	2
10	139962GT	MOTOR,WHEEL,25CC FIXED***	2
10-	32675GT	SEAL KIT,SUNSTRAND	2
11	33433GT	O-RING,MOTOR TORQUE HUB 34115 measures approx 4" x 0.0625"	2
12	33434GT	WHEEL DRIVE,W3 73:1***	2
12-	33440GT	SEAL KIT,TORQUE HUB (34115)***	2
12-	58238GT	BEARING KIT,WHEEL DRIVE,S60*** (includes 1 ea of 147558 and 147559)	
12-	147558GT	KIT,BEARING,TAPERED,OUTER***	
12-	147559GT	KIT,BEARING,TAPERED,INNER***	
12-	33441GT	STUD,WHEEL,3/4-16, (34115)	2
12-	58283GT	BOLT,COVER,WHEEL DRIVE,W3***	
13		Ref. Screw - SHC, 1/2- 13 x 1 inch	4
14	13066GT	WASHER,FLAT,.5 HARDENED	4
15	45066GT	SCREW,SHC,5/8-11 X 2.25	16
16	13064GT	WASHER,FLAT,.625 HARDENED	16

303.1 4WD Steer Axle Wheel Drive

Item	Part No.	Description	Qty.
17		Ref. 4WD Steer Axle (refer to figures 301.1 or 302.1)	16



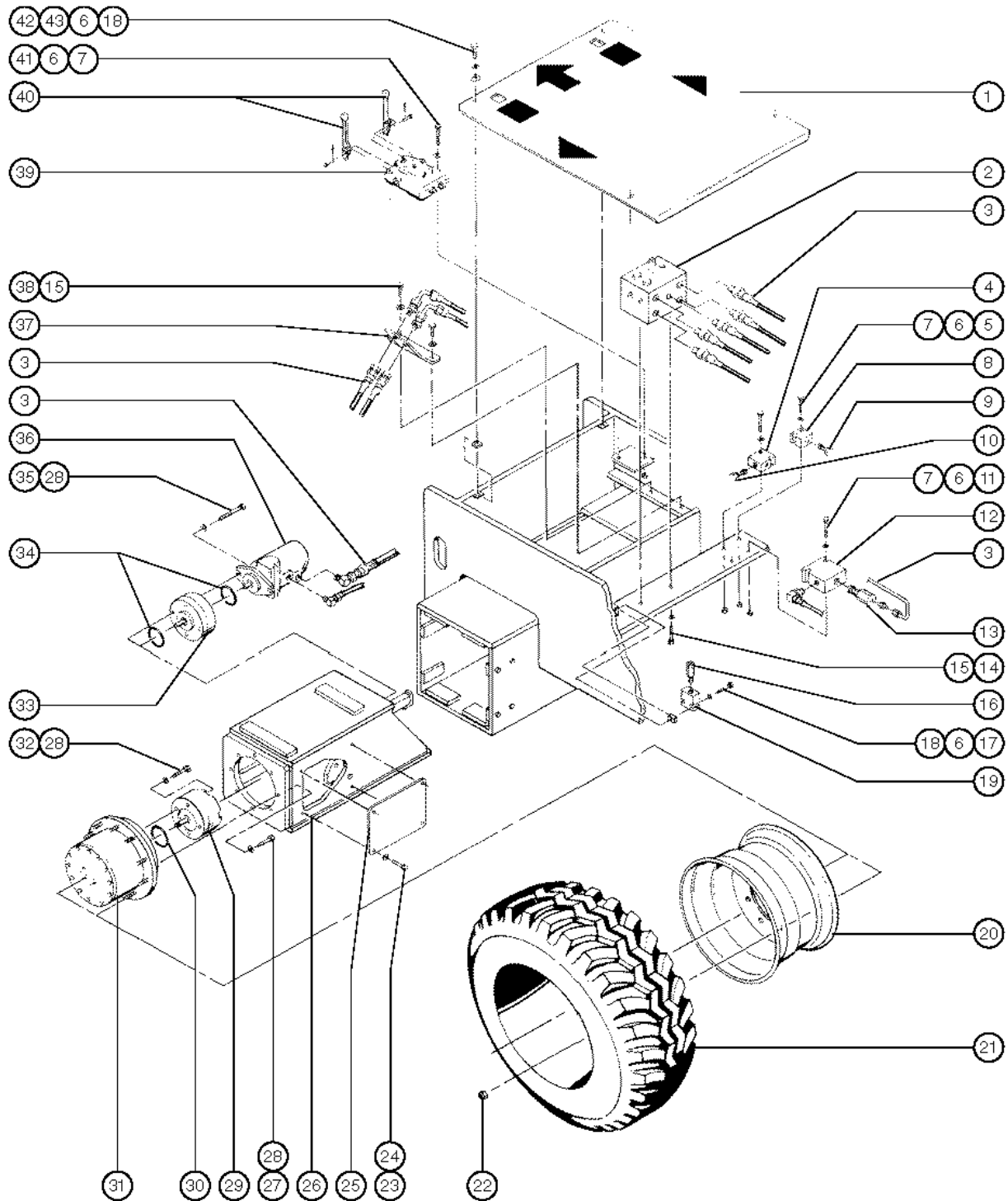
304.1 4WD Drive Manifold



304.1 4WD Drive Manifold

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	34447GT	MANIFOLD,TRACTN,4WD,(S)SERIES*	
	25375GT	KIT, O-RING	
1	33521GT	VALVE,FLOW DIVIDER/COMBINER	1
2	31406GT	VALVE,RELIEF 250 PSI***	1
3	29737GT	PLUG,ORIFICE,0.052 INCH	1
4	52726GT	VALVE,FLOW DIVIDER/COMBINER	2
5	33520GT	PLUG,ORIFICE,0.070	2
6	27761GT	VALVE,SHUTTLE	1
7	48880GT	CAP,DIAGNOSTIC NIPPLE	1
8	48997GT	NIPPLE,DIAGNOSTIC,#4	1
8-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1

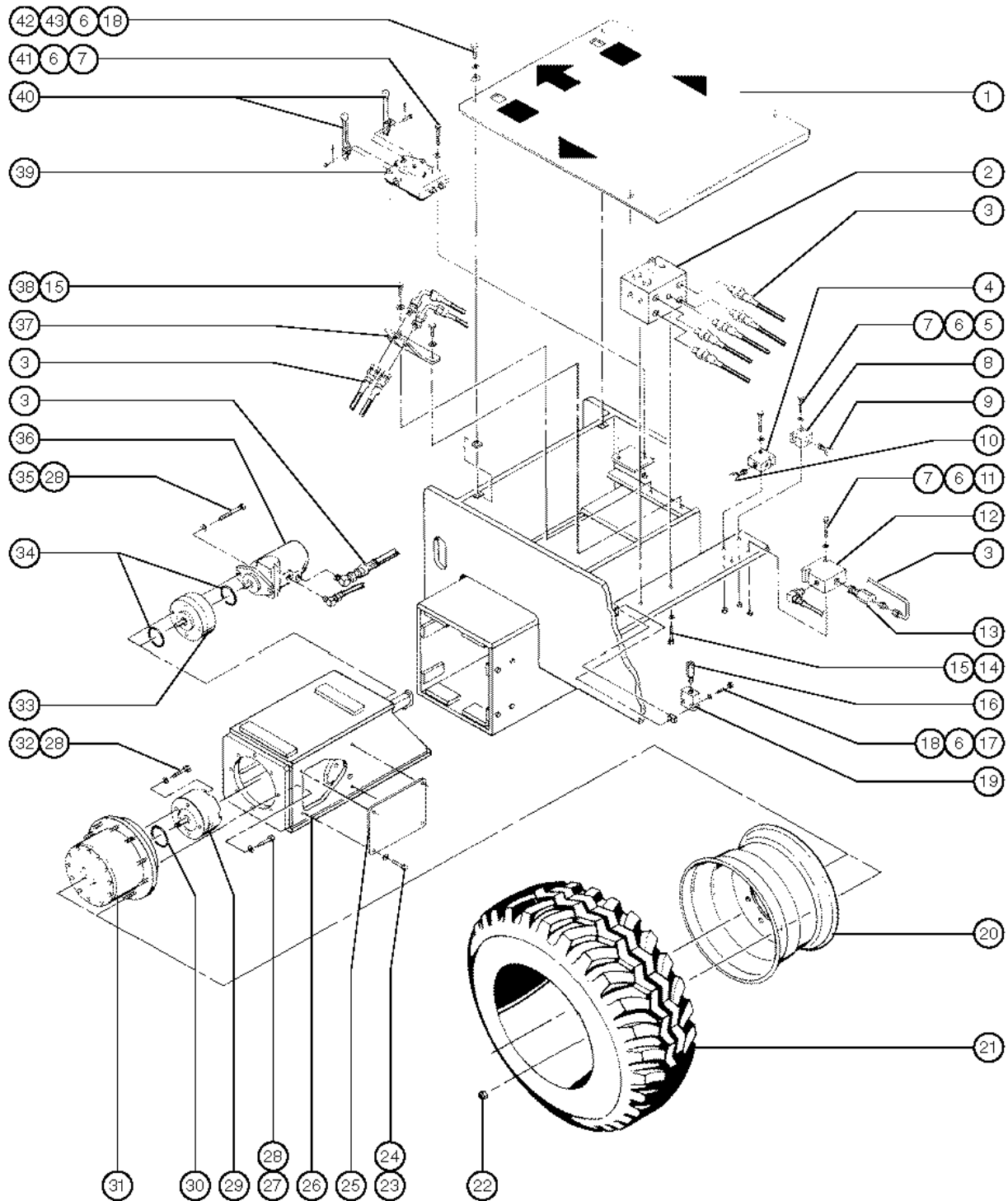
305.1 4WD Non-steer Axle Wheel Drive



305.1 4WD Non-steer Axle Wheel Drive

Item	Part No.	Description	Qty.
1	33467GT	COVR W/DECLS,DR CHAS NS END	1
2		Ref. 4WD Drive Manifold (refer to figure 304.1)	1
3		Ref. Hydraulic Hoses & Fittings (refer to figure 308.1)	1
4	34623GT	VALVE,PILOT TO CLOSED CHECK	1
		includes index number 10	
5	8179GT	SCREW,HHC,1/4-20 X 2.25	4
6	6638GT	WASHER, FLAT, USS, 1/4"Y	22
7	6091GT	NUT,NYLOCK,1/4-20	10
8	34544GT	VALVE,CHECK	1
		includes index number 9	
9	27759GT	VALVE,CHECK	1
10	33562GT	VALVE,CHECK,PILOT OPERATED	1
11	12343GT	SCREW,HHC,1/4-20 X 3	2
12	34547GT	VALVE,DIRECTIONAL,2POS.2WAY	1
		includes index number 13	
13	33563GT	VALVE,DIRECTIONAL,2 POS 2 WAY	1
14	8177GT	SCREW,HHC,1/2-13 X 1.5	3
15	6033GT	WASHER,LOCK,0.5"	7
16	29570GT	VALVE,RELIEF 200 PSI	1
17	4266GT	SCREW,HHC,1/4-20 X 2	2
18	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	6
19	34546GT	VALVE,RELIEF 200 PSI	1
		includes index number 16	
20	73190GT	WHEEL, 22.5 X 11.75 S80	
		for 81528, 81529	
21A	81528GT	TIRE & WHEEL ASSY,AIR,RH,S80	1
		RT, Air-filled, right	
21A	81529GT	TIRE & WHEEL ASSY,AIR,LH,S80	1
		RT, Air-filled, left	
21A	81527GT	TIRE,15-22.5,16 PLY,HAULER S80	
		for 81528, 81529	
21B	60956GT	TIRE & WHEEL ASSY.RIGHT,FOAM	2
		RT, Foam-filled, right; replaced 81530	
21B	60957GT	TIRE & WHEEL ASSY.LEFT,FOAM	2
		RT, Foam-filled, left; replaced 81531	
22	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	20
23	8255GT	SCREW,HHC,3/8-16 X .75	8
24	6021GT	WASHER, LOCK, .375	8

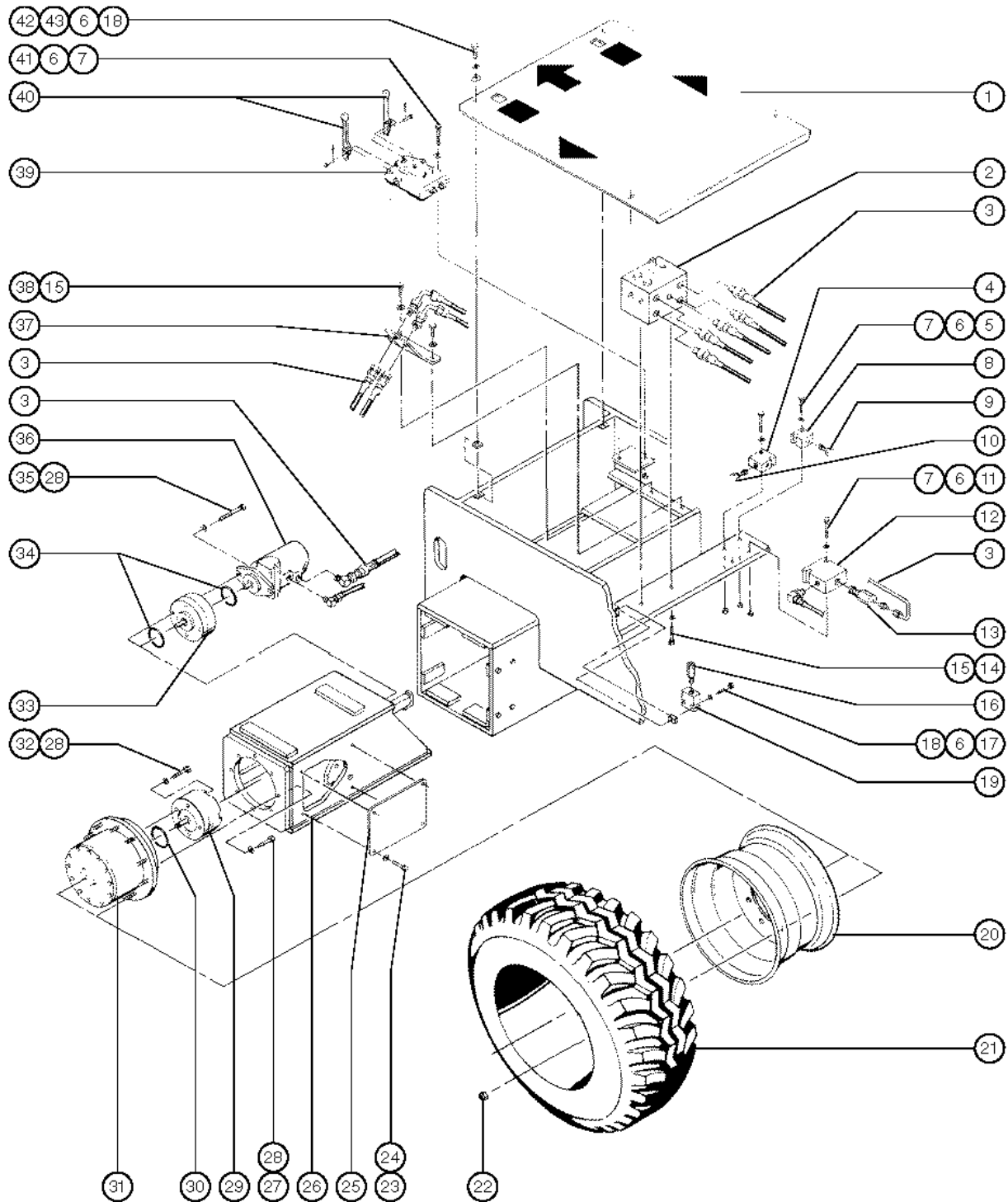
305.1 4WD Non-steer Axle Wheel Drive



305.1 4WD Non-steer Axle Wheel Drive

Item	Part No.	Description	Qty.
25	34219PGT	COVER,REAR AXLE PAINTED	2
26		Ref. Extendable Non-steer Axle Installation (refer to figure 306.1)	2
27	45066GT	SCREW,SHC,5/8-11 X 2.25	16
28	13066GT	WASHER,FLAT,.5 HARDENED	24
29	33436GT	TORQUE HUB,4:1 (30989)	2
29-	33443GT	SEAL KIT,TORQUE HUB (30989)	2
30	33437GT	O-RING,TORQUE HUB (30989)	2
31	33435GT	TORQUE HUB,26:1 (30989)***	2
31-	T110729GT	SEAL KIT,TORQUE HUB,26:1(30989	2
31-	33441GT	STUD,WHEEL,3/4-16, (34115)	2
32		Ref. Screw - SHC, 1/2 -13 x 3 inches, GR 8	8
33	29422PGT	BRAKE,S60 SWING/Z45 DRIVE	2
		includes 2 each index number 34	
33-	29291GT	SEAL KIT,MICO	2
33-	29292GT	BRAKE,LINING KIT,MICO	2
33-	29293GT	BEARING KIT,MICO	2
34	22811GT	O-RING,MOTOR TO BRAKE***	4
		measures approx 4" x 0.10"	
35	7261GT	SCREW,HHC,1/2-13 X 5 BLACK	4
36	24667GT	DRVE MOTOR REAR,4WD/1DEGREE	2
		includes 1 each index number 34	
36-	65865GT	SEAL KIT, SUNSTRAND	
36-	83081GT	COVER, SERVO (24667)	
36-	49897GT	GASKET,TURTLE,DRV MTR,EDC	
37	34719PGT	BRACKET,HOSE SUPPORT PNTD	2
38	6096GT	SCREW,HHC,1/2-13 X 2 GR5	4
39	34134GT	VALVE,MANUAL,3 POS-4 WAY,2SPL*	2
39-	33469GT	SEAL KIT,3POS,4WAY VALVE-34134	2
40	34135GT	HANDLE KIT,SPOOL	4
		includes mounting fasteners	
41	6884GT	SCREW,HHC,1/4-20 X 2.5	4
42	6090GT	SCREW, HHC, 1/4-20 X .75	4

305.1 4WD Non-steer Axle Wheel Drive

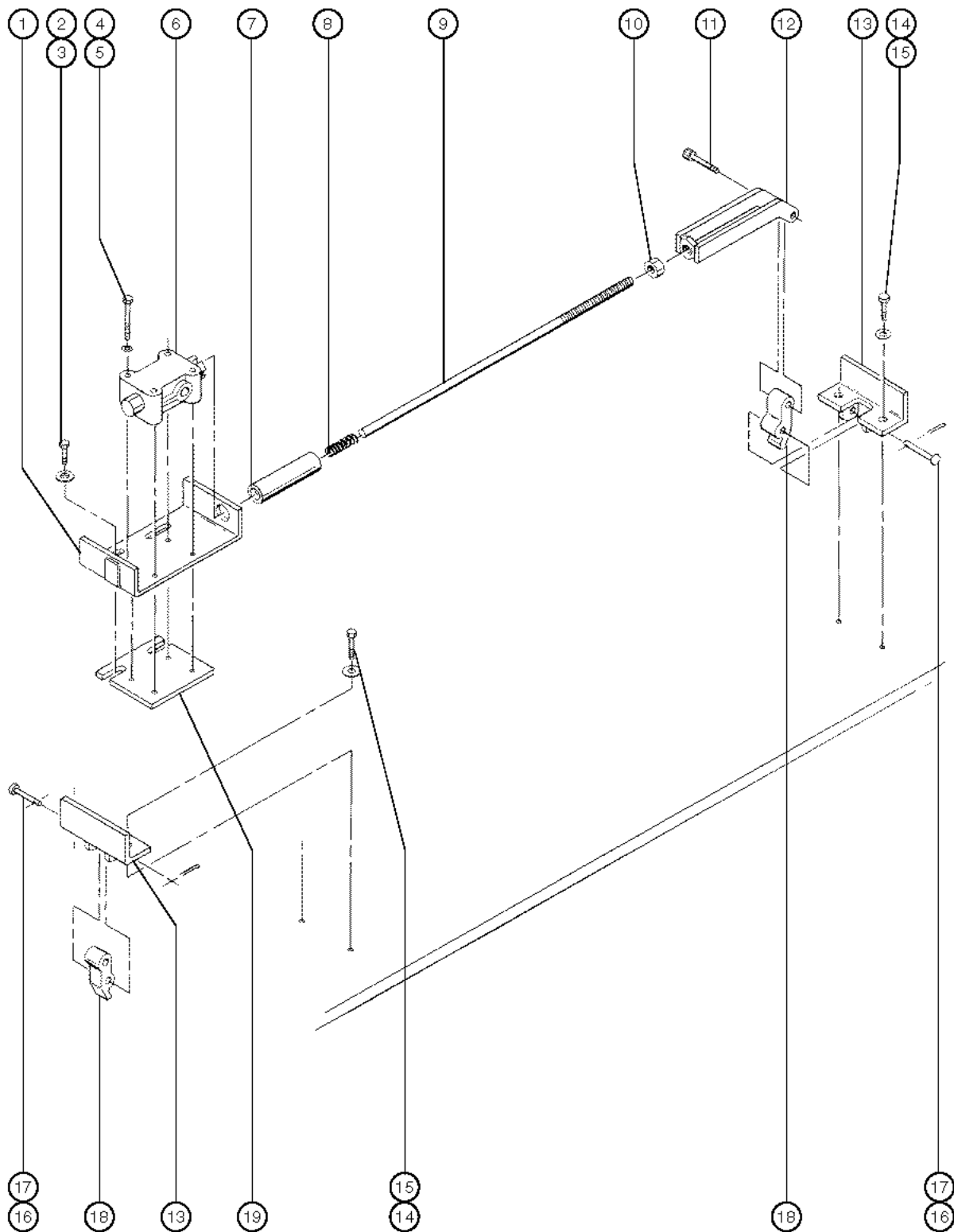


305.1 4WD Non-steer Axle Wheel Drive

Item	Part No.	Description	Qty.
43	6356GT	WASHER,LOCK,.25	4



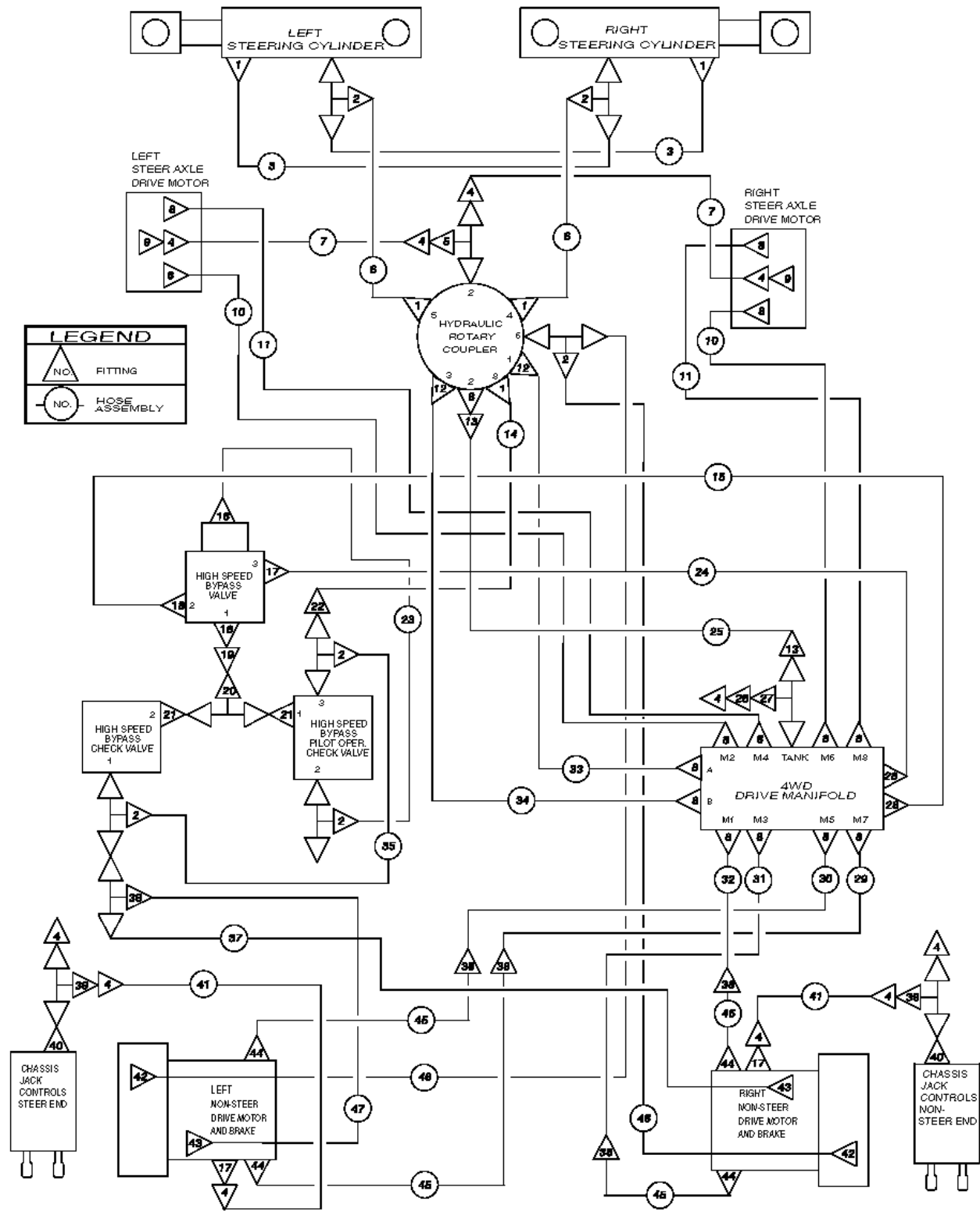
307.1 4WD Extendable Axle Hydraulic Limit Switch Installation



307.1 4WD Extendable Axle Hydraulic Limit Switch Installation

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	34735GT	WELDMENT, SWITCH HOLDER	1
2	11335GT	SCREW, SHS, 3/8-16 X .5	2
3	8519GT	WASHER, SHIM, .5 X .875 X .033	4
4	4266GT	SCREW, HHC, 1/4-20 X 2	4
5	6356GT	WASHER, LOCK, .25	4
6	34552GT	VALVE, DIRECTIONAL, 2POS. 2WAY 90	1
6-	34552GT	VALVE, DIRECTIONAL, 2POS. 2WAY 90	1
7	34747GT	PLUNGER, CONNECTING ROD	1
8	34748GT	SPRING, AXLE CONNECTING ROD	1
9	34647GT	ROD, AXLE SWITCH CONNECT	1
10	45076GT	NUT, HEX, JAM, 5/8-11	1
11	34732GT	SCREW, SHS, 5/16-18 X 1.25(3/8)	1
12	34646GT	CLEVIS, AXLE SWITCH ADJMNT	1
13	34645GT	WELDMENT, PIVOT BRACKET	2
14	8255GT	SCREW, HHC, 3/8-16 X .75	4
15	6021GT	WASHER, LOCK, .375	4
16	34742GT	PIN, CLEVIS, .375 X 1.75 LG.	2
17	12016GT	PIN, COTTER, .125 X .75	2
18	34644PGT	LINK, AXLE SWITCH PAINTED	2
19	34652GT	SLIDE PAD, AXLE SWITCH	1

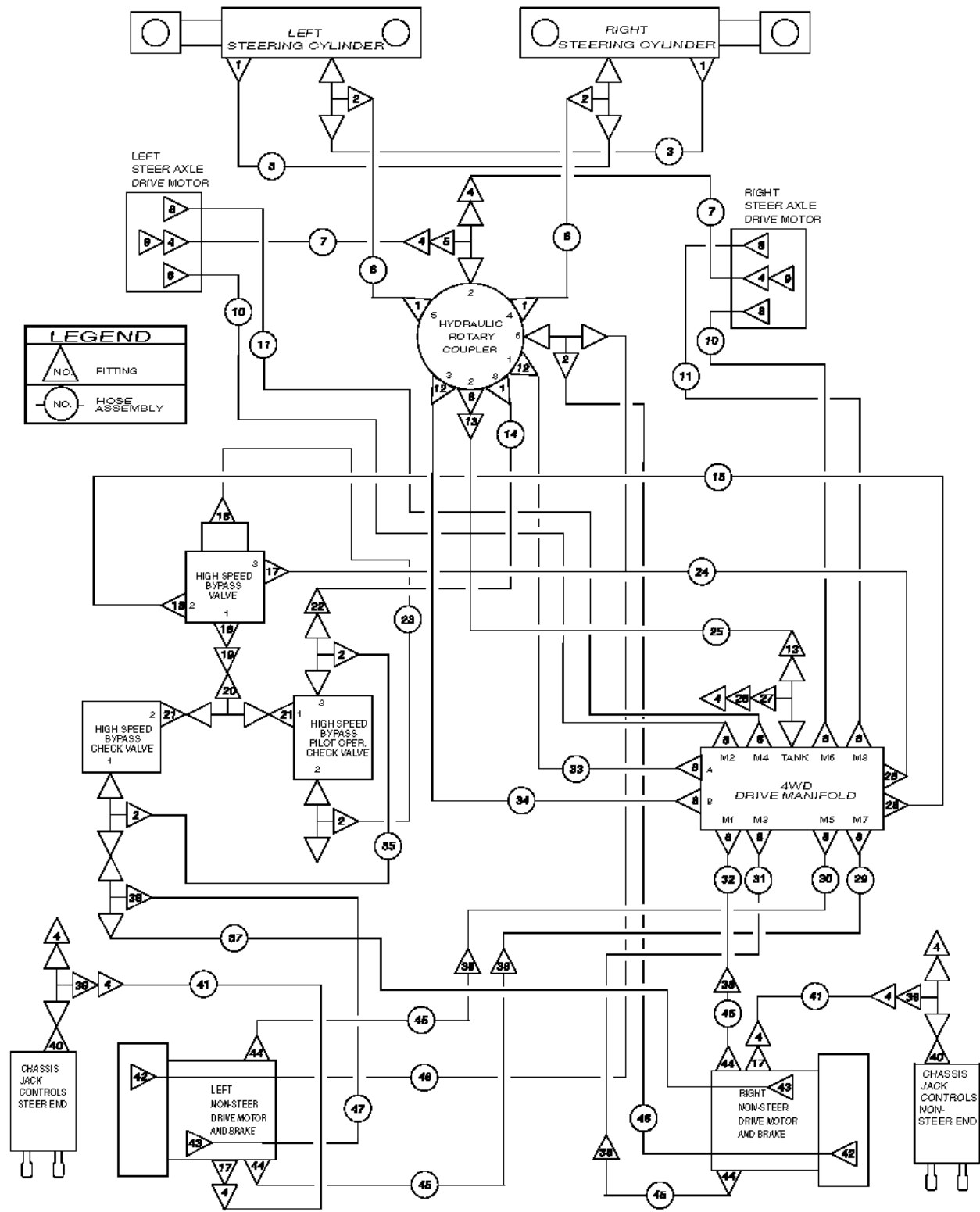
308.1 4WD Hydraulic Hoses and Fittings - Drive / Steer System



308.1 4WD Hydraulic Hoses and Fittings - Drive / Steer System

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	13120GT	ELBOW,070220-6-6	5
2	13119GT	TEE,RUN,070428-6-6	6
3	34704GT	HOSE ASSEMBLY, 97"	2
4	20324GT	HOSE END,BARBED,SWIVEL,-8-8	9
5	20334GT	TEE,RUN,070428-8	1
6	34705GT	HOSE ASSEMBLY, 86"	2
7	34598GT	HOSE ASSEMBLY, 116"	2
8	19687GT	CONNECTOR,070120-12-12	15
9	45349GT	ELBOW,070320-8-8	2
10	34597GT	HOSE ASSEMBLY, 146.0"	2
11	34596GT	HOSE ASSEMBLY, 146.0"	2
12	22099GT	ELBOW,070320-12-12	2
13	45170GT	HOSE END,BARBED,SWIVEL,-12-12	2
14	34702GT	HOSE ASSEMBLY, 35"	1
15	34663GT	HOSE ASSEMBLY, 49.5"	1
16	13756GT	CONNECTOR,070120-4-6	1
17	25951GT	ELBOW,070220-8-12	3
18	27431GT	CONNECTOR,070120-8-12	2
19	45361GT	REDUCER,070123-8-6	1
20	45704GT	TEE,BRANCH,070433-6-6	1
21	30392GT	ADAPTER,6402-6-6	2
22	45878GT	ELBOW,070321-6-6	1
23	34633GT	FLARE TUBE ASSY,BYPASS #1	1
24	34664GT	HOSE ASSEMBLY, 31.5"	1
25	33533GT	HOSE, CASE DRAIN, 22"	1
26	20325GT	REDUCER,070123-12-8	1
27	28456GT	TEE,RUN,070428-12-12	1
28	45357GT	ELBOW,070220-8-8***	2

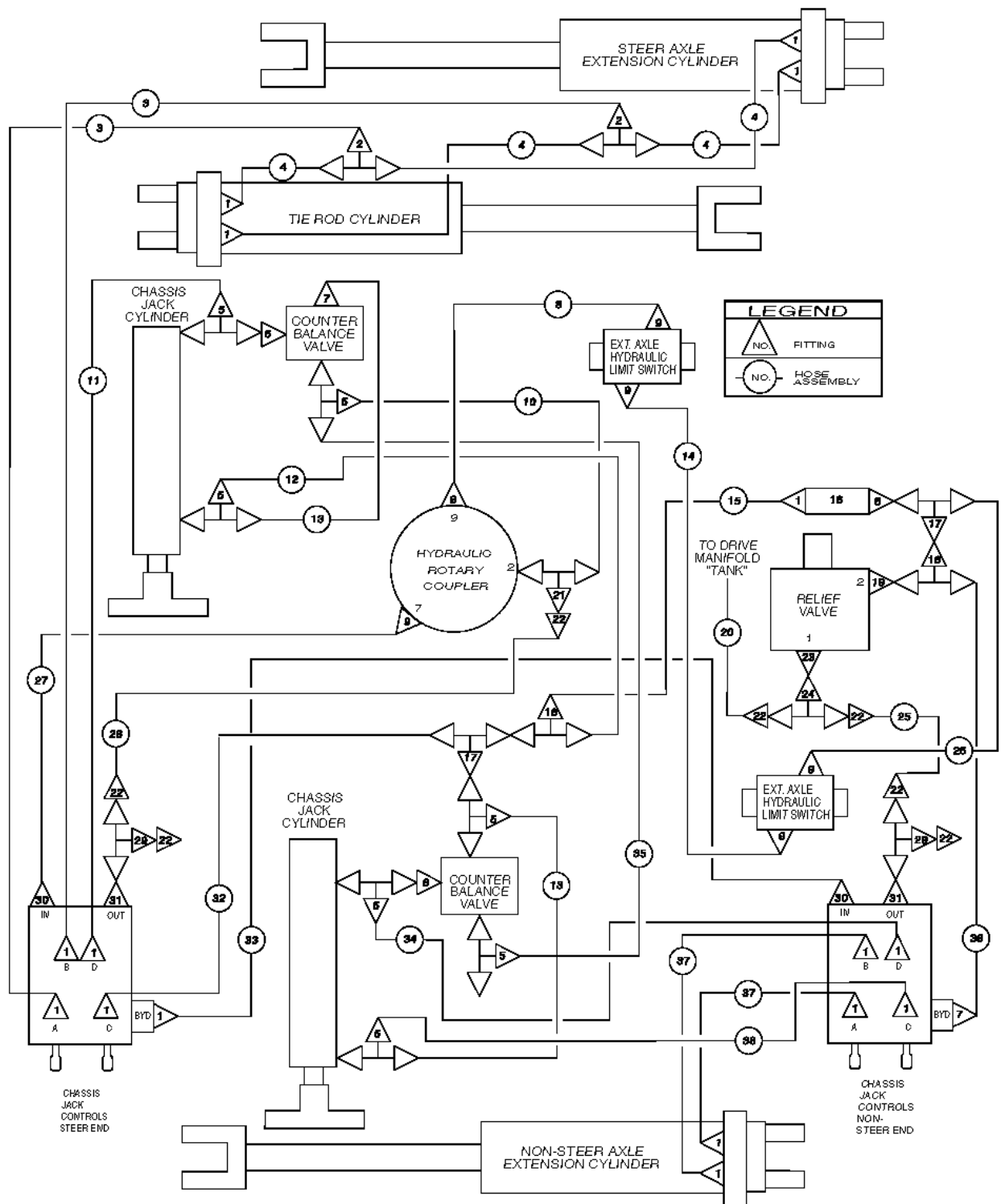
308.1 4WD Hydraulic Hoses and Fittings - Drive / Steer System



308.1 4WD Hydraulic Hoses and Fittings - Drive / Steer System

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29	34721GT	HOSE ASSEMBLY, 33.5"	1
30	34722GT	HOSE ASSEMBLY, 37"	1
31	34651GT	HOSE ASSEMBLY, 26"	1
32	34591GT	HOSE ASSEMBLY, 21"	1
33	34594GT	HOSE ASSEMBLY, 33.5"	1
34	34595GT	HOSE ASSEMBLY, 29.75"	1
35	32632GT	KIT,PAINTED PARTS,DEUTZGRY,Z60	1
36	45366GT	TEE,RUN,070432-6-6	1
37	34686GT	HOSE ASSEMBLY, 97"	1
38	34725GT	BULKHEAD,UNION,070601-12	4
38-	34726GT	BULKHEAD,NUT,070118-12	4
39	21252GT	TEE,RUN,070432-8	2
40	45703GT	CONNECTOR,070120-8-8	2
41	34701GT	HOSE ASSEMBLY, 41"	2
42	13921GT	ELBOW,070220-4-4	2
43	12340GT	ELBOW,070220-4-6	2
44	20332GT	ELBOW,070220-12-16	4
45	34590GT	HOSE ASSEMBLY, 34.5"	4
46	34687GT	HOSE ASSEMBLY, 118"	1
47	34703GT	HOSE ASSEMBLY, 89"	1
48	34688GT	HOSE ASSEMBLY, 118"	1

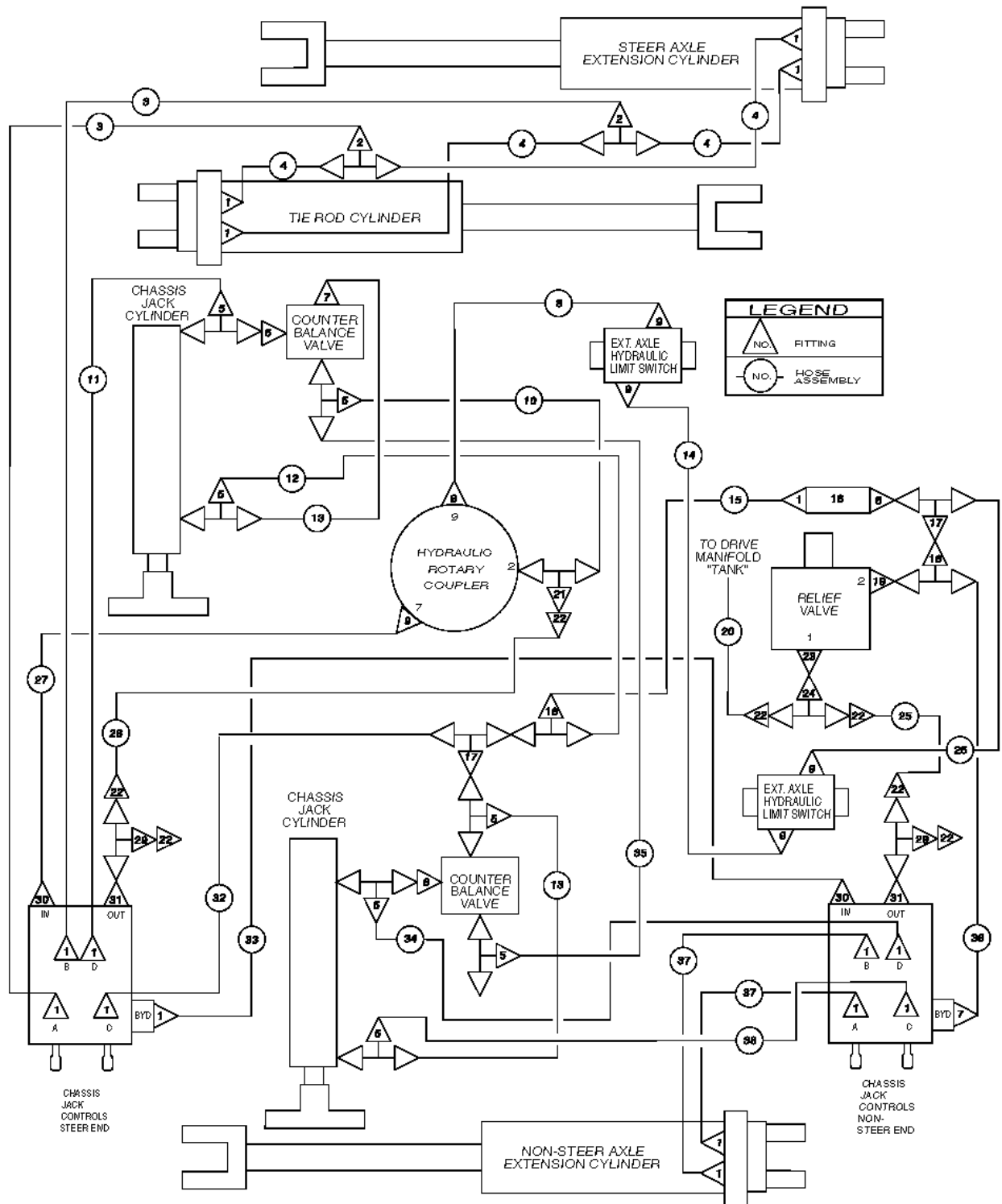
309.1 4WD Hydraulic Hoses and Fittings - Extendable Axle System



309.1 4WD Hydraulic Hoses and Fittings - Extendable Axle System

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	13756GT	CONNECTOR,070120-4-6	16
2	34727GT	TEE,UNION,070401-6	2
3	34706GT	HOSE ASSEMBLY, 96"	2
4	34707GT	HOSE ASSEMBLY, 72"	4
5	13119GT	TEE,RUN,070428-6-6	7
6	30392GT	ADAPTER,6402-6-6	3
7	13120GT	ELBOW,070220-6-6	2
8	34683GT	HOSE ASSEMBLY, 81"	1
9	12340GT	ELBOW,070220-4-6	6
10	34776GT	HOSE ASSEMBLY, 36"	1
11	34699GT	HOSE ASSEMBLY, 107"	1
12	34777GT	HOSE ASSEMBLY, 72"	1
13	34691GT	HOSE ASSEMBLY, 19"	2
14	34690GT	HOSE ASSEMBLY, 114"	1
15	34778GT	HOSE ASSEMBLY, 16"	1
16		VALVE,CHECK,#6 O-RING PORTS no longer available	1
17	45704GT	TEE,BRANCH,070433-6-6	2
18	45366GT	TEE,RUN,070432-6-6	2
19	45412GT	CONNECTOR,070120-6-6	1
20	34692GT	HOSE ASSEMBLY, 15.5"	1
21	20334GT	TEE,RUN,070428-8	1
22	20324GT	HOSE END,BARBED,SWIVEL,-8-8	7
23	20923GT	CONNECTOR,070120-8-6	1
24	20328GT	TEE,BRANCH,070433-8	1
25	34693GT	HOSE ASSEMBLY, 17.5"	1
26	34696GT	HOSE ASSEMBLY, 35"	1
27	34684GT	HOSE ASSEMBLY, 63"	1
28	34698GT	HOSE ASSEMBLY, 67"	1

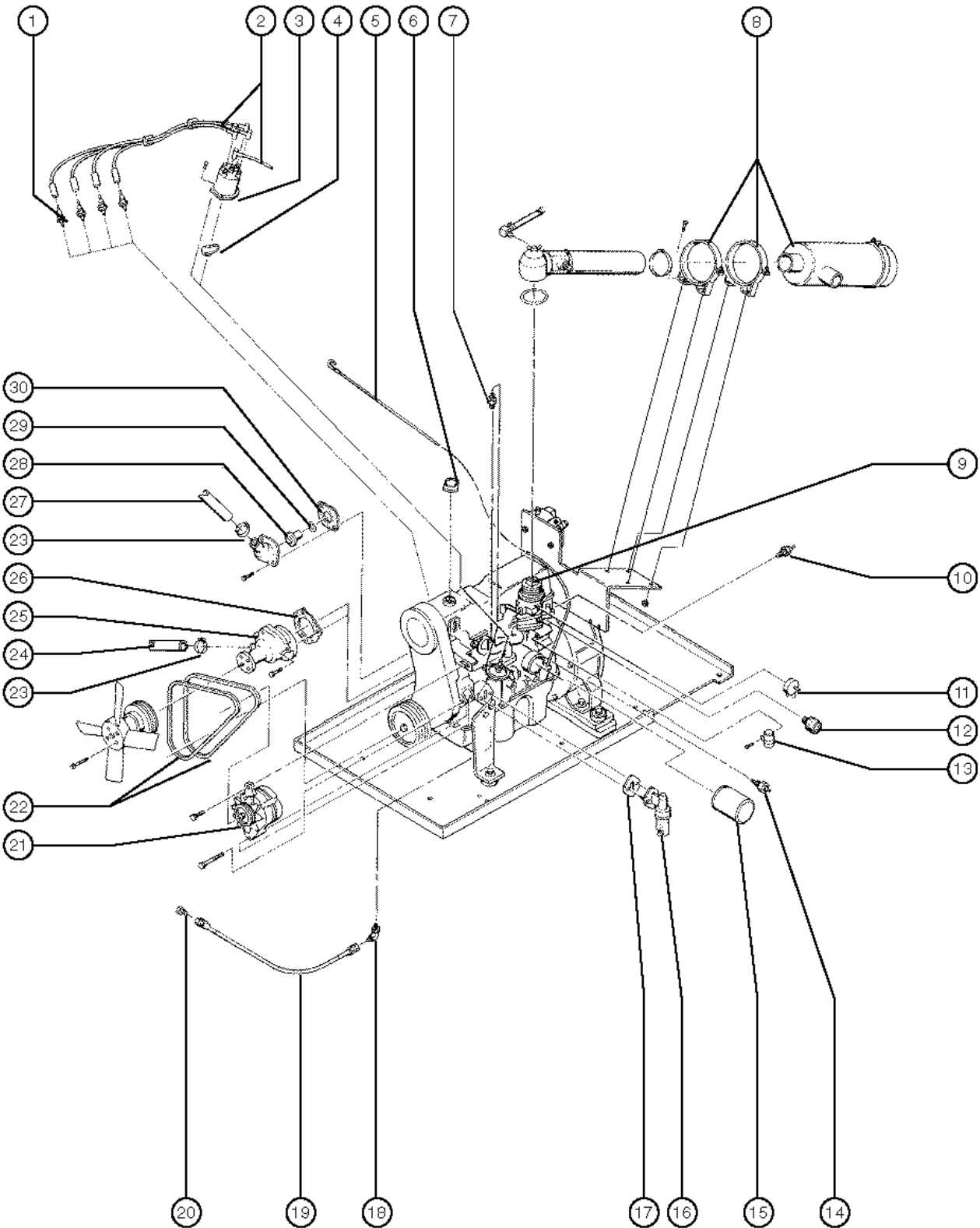
309.1 4WD Hydraulic Hoses and Fittings - Extendable Axle System



309.1 4WD Hydraulic Hoses and Fittings - Extendable Axle System

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29	21252GT	TEE,RUN,070432-8	2
30	34612GT	CONNECTOR,070120-4-8	2
31	45703GT	CONNECTOR,070120-8-8	2
32	34700GT	HOSE ASSEMBLY, 37"	1
33	34685GT	HOSE ASSEMBLY, 22"	1
34	34694GT	HOSE ASSEMBLY, 25.25"	1
35	34779GT	HOSE ASSEMBLY, 65"	1
36	34689GT	HOSE ASSEMBLY, 23"	1
37	34697GT	HOSE ASSEMBLY, 60"	2
38	34695GT	HOSE ASSEMBLY, 45.25"	1

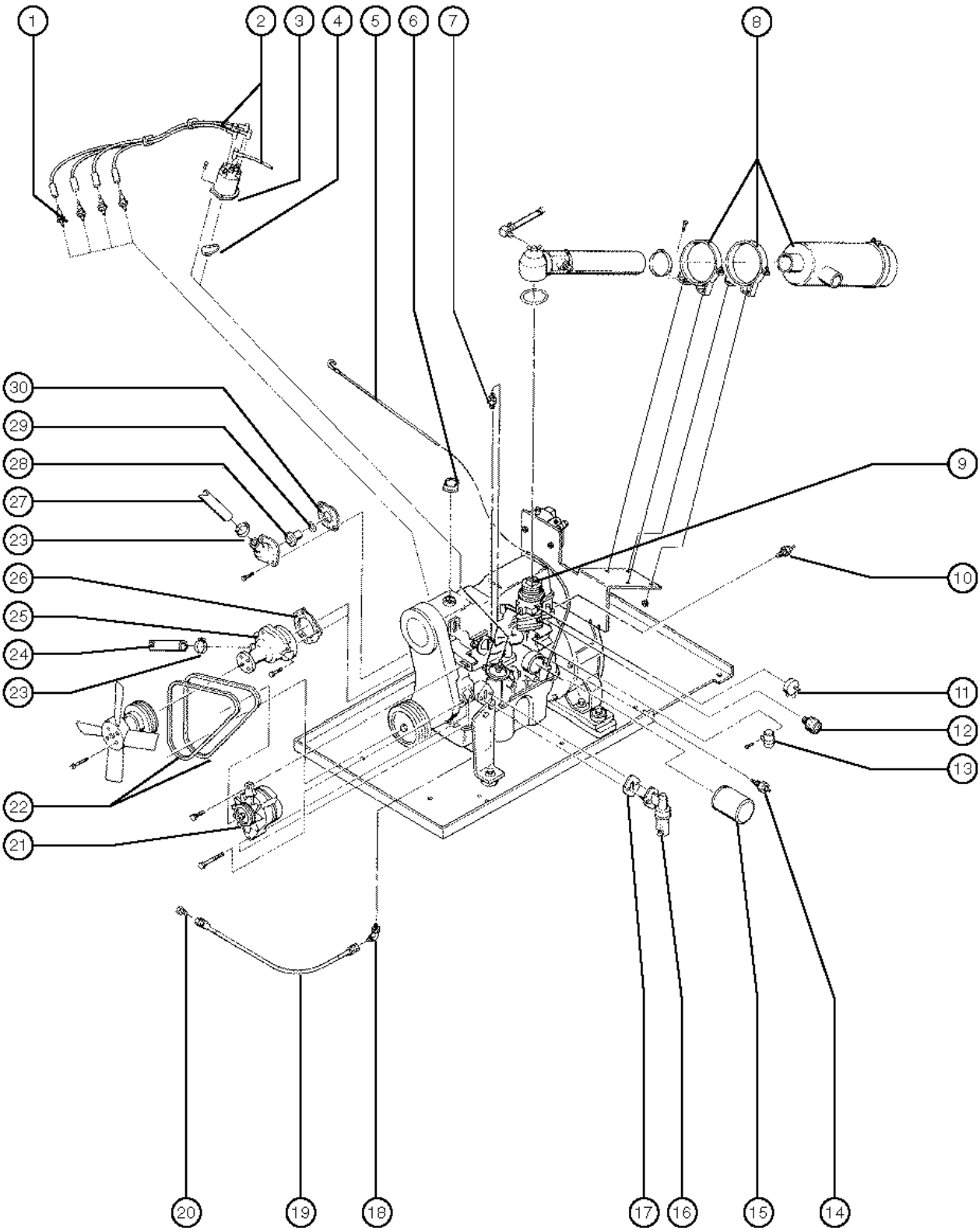
401.1 Ford Gasoline/LPG Engine - View 1



401.1 Ford Gasoline/LPG Engine - View 1

Item	Part No.	Description	Qty.
1	28647GT	SPARK PLUG,FORD	4
2	28648GT	SPARK PLUG WIRE SET, LSG 423	1
		Genie genuine part	
2-	1259056GT	SPARK PLUG WIRE SET, LSG 423	
		Genie aftermarket	
3	28650GT	CAP,DISTRIBUTOR,FORD	1
4	28649GT	ROTOR,DISTRIBUTOR,FORD	1
5		DIPSTICK,FORD LSG-423	1
		no longer available from supplier	
6	28658GT	CAP, OIL FILLER, FORD LSG423	1
7	33538GT	VALVE,PCV-FORD LSG	1
8	27915GT	AIR CLEANER	1
		does NOT include mounting bands	
8-	27916GT	FILTER,AIR,ELEMENT***	1
8-	53952GT	BRKT,AIR CLEANER ORIENTATION**	
8-	65815GT	CLAMP, AIR CLEANER (27915)**	1
		clamp that holds the end cap on	
9		CARBURETOR,FORD-LSG 423,AUTO	1
		Contact service department	
9-	28714GT	CARB REPAIR KIT, LSG/LRG-423	1
10	28651GT	SOLENOID, ANTI-DIESELING	1
11	29439GT	COIL, AUTOMATIC CHOKE,	1
12	30810GT	SENDING UNIT,OIL PRESSURE***	1
		dual-terminal sender	
13	28662GT	FILTER,FUEL,LRG-423,SCREW-IN	1
14	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1
15	28656GT	FILTER,OIL,FORD	1
		Genie genuine part	
15-	1259054GT	FILTER, OIL, FORD	
		Genie aftermarket	
16		PUMP,FUEL,FORD	1
		Contact service department	
17	28659GT	GASKET,FUEL PUMP,FORD	1
18	27210GT	ELBOW,90DEG.6 X 14	1
19	28020GT	HOSE ASSY,MOTOR OIL DRAIN	1
20	19141GT	PLUG,MALE,070109-6	1
21	28716GT	ALTERNATOR,FORD LSG-423***	1
22	28652GT	BELT,V, FAN/ALT,FORD LSG423	2

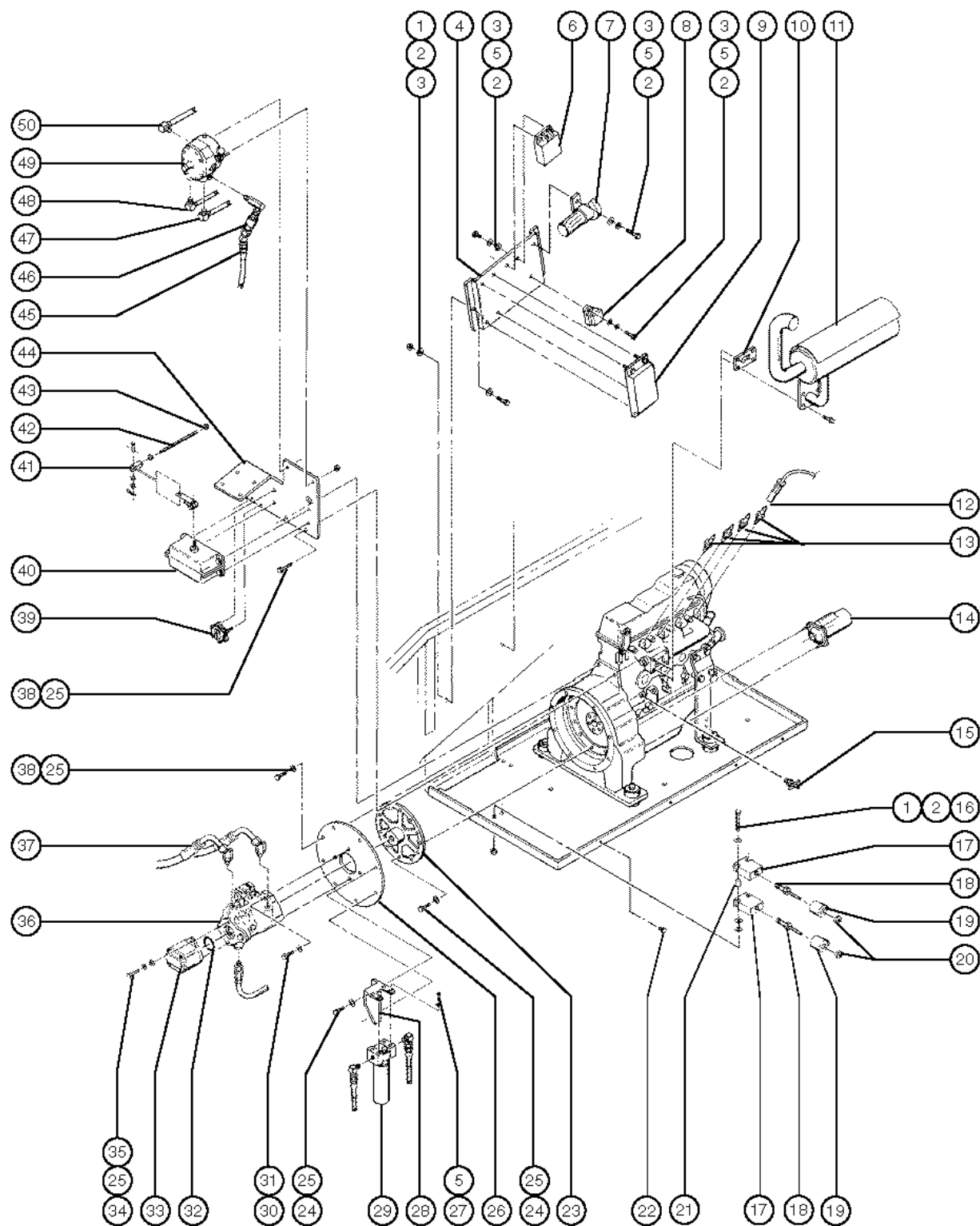
401.1 Ford Gasoline/LPG Engine - View 1



401.1 Ford Gasoline/LPG Engine - View 1

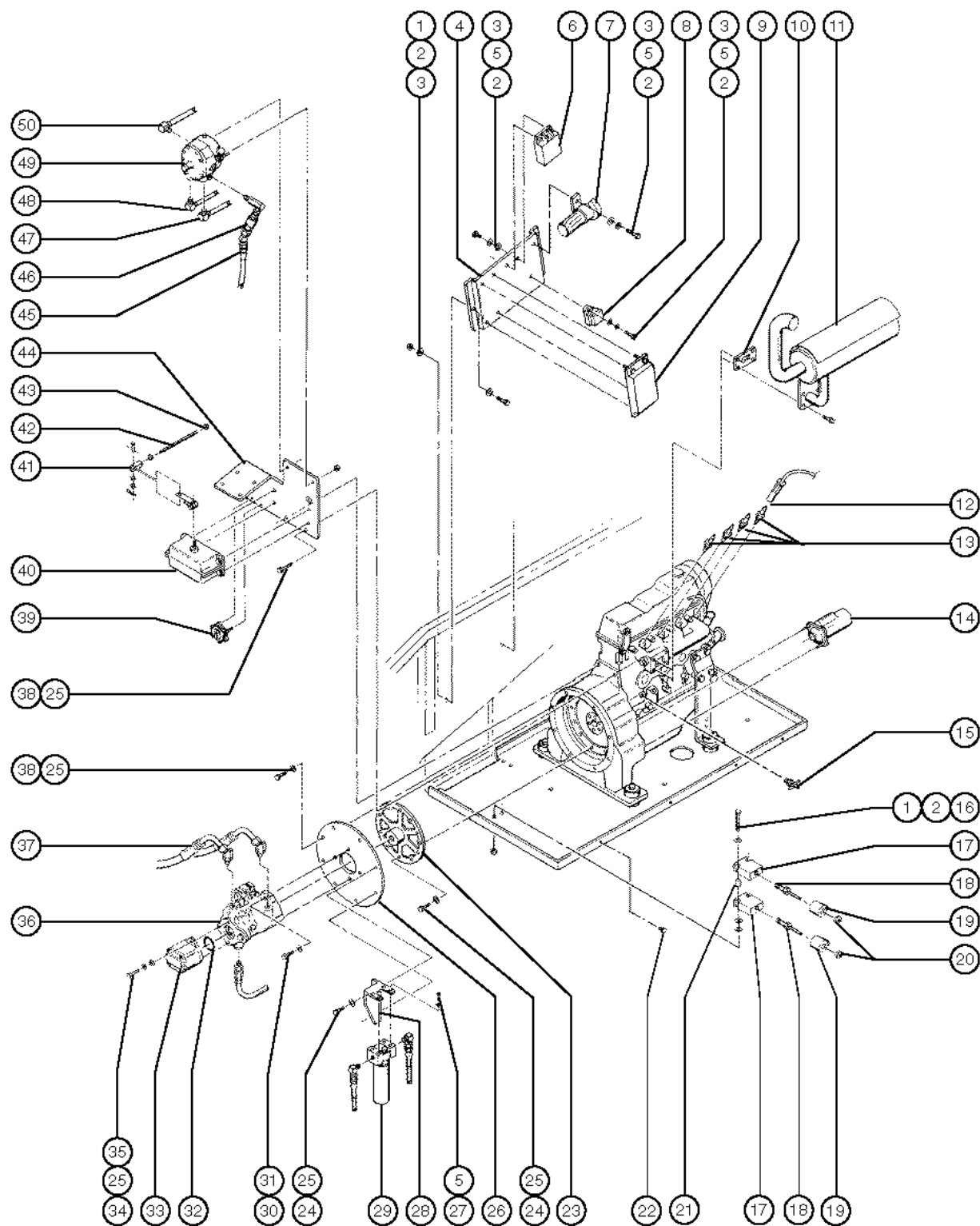
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23	45171GT	CLAMP,HOSE,1.75,LINED	2
24	28769GT	HOSE,BOTTOM RADIATOR,FORD	1
25	28666GT	PUMP,WATER,FORD	1
26		GASKET,WATER PUMP,FORD	1
		(no longer available)	
27	28770GT	HOSE, TOP RADIATOR,FORD	1
28		THERMOSTAT & SEAL,FORD	1
		Part is no longer available	
29	28654GT	SEAL,THERMOSTAT,FORD	1
30	28653GT	GASKET,WATER OUTLET,FORD	1

402.1 Ford Gasoline/LPG Engine - View 2



Item	Part No.	Description	Qty.
	65770GT	BELT,TIMING,FORD LRG423/425EFI	
1	6091GT	NUT,NYLOCK,1/4-20	4
2	6638GT	WASHER, FLAT, USS, 1/4"Y	14
3	8914GT	SCREW, HHC, 1/4-20 X .625	13
4	31250GT	IGNITION MODULE MTG.PLATE ASSY	1
		no longer available	
5	6356GT	WASHER,LOCK,.25	15
6	27922GT	IGNITION, ELECTRONIC, FORD	1
7	28664GT	COIL, IGNITION,FORD	1
8	27919GT	REGULATOR, VOLTAGE, Z45GP91	1
9	27908GT	GOVERNOR,CNTRLR,FORD,LSG 423	1
10	27142GT	GASKET,EXHAUST***	1
11	48439GT	MUFFLER,EXH,FORD,BIG BOOMS***	1
12	28648GT	SPARK PLUG WIRE SET, LSG 423	1
		Genie genuine part	
12-	1259056GT	SPARK PLUG WIRE SET, LSG 423	
		Genie aftermarket	
13	28647GT	SPARK PLUG,FORD	4
14	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
14	29606GT	RING GEAR,FORD***	
		(FITS LSG-LRG 423, AND LRG425)	
15	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
16	11413GT	SCREW,HHC,1/4-20 X 4	2
17	30369GT	SOLENOID VALVE,N.C. 2POS. 3WAY	2
		includes index numbers 18 through 20	
18	29066GT	VALVE,SOLENOID,10V,2POS 3WAY**	2
		includes index number 19 and 20	
19	29744GT	COIL,10V	2
20	52943GT	NUT, SOLENOID VALVE COIL	2
21	45400GT	SPACER TUBE,.50 LG	2
22	34619GT	BUMPER,RUBBER***	4
23	28836GT	COUPLING KIT,FLYWHEEL,FL 15T	1
		(includes flexplate and coupler)	
23-	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
24	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8

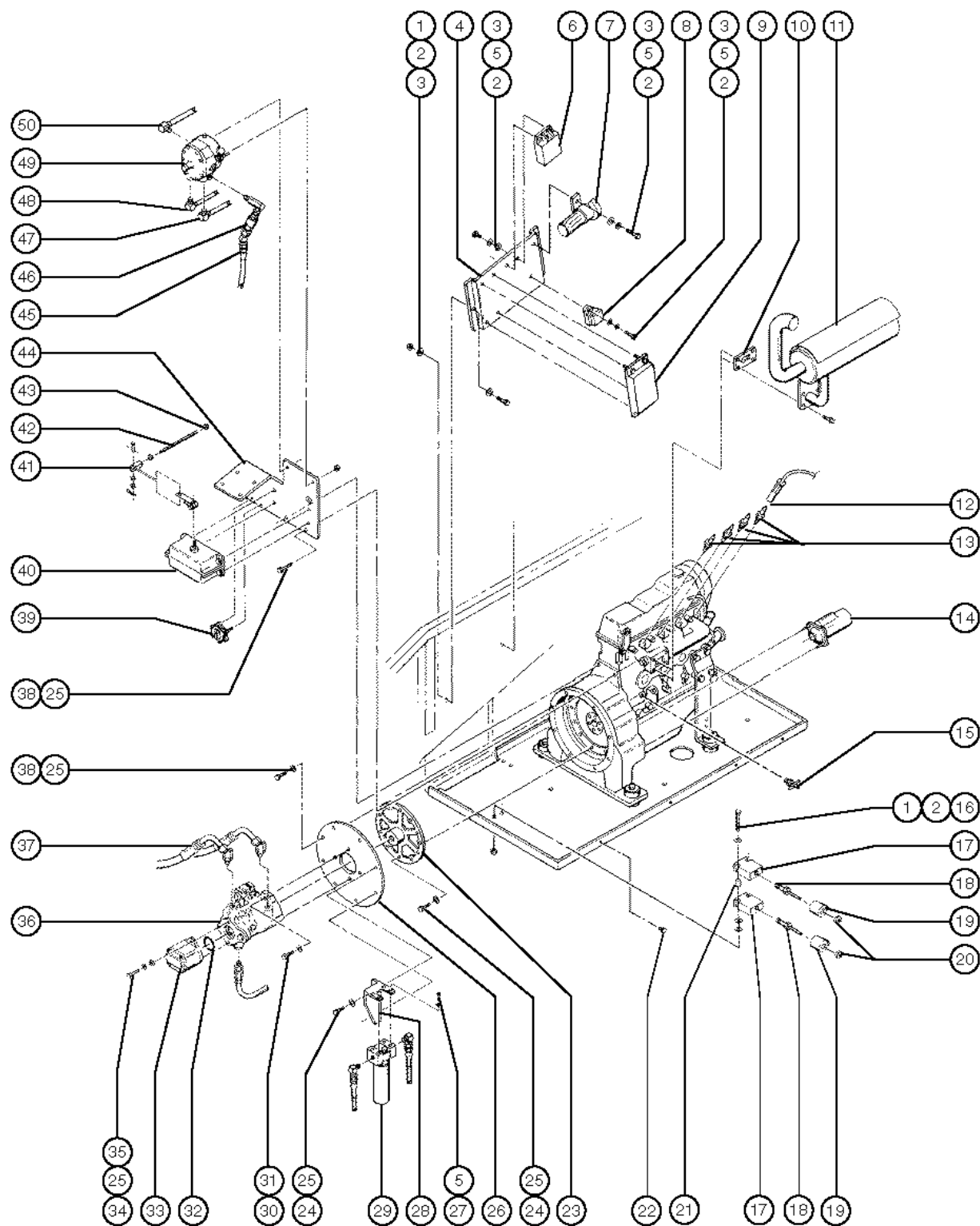
402.1 Ford Gasoline/LPG Engine - View 2



402.1 Ford Gasoline/LPG Engine - View 2

Item	Part No.	Description	Qty.
25	6021GT	WASHER, LOCK, .375	14
26	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED	1
27	7339GT	SCREW,HHC,1/4-20 X .5	4
28	30230P-SGT	FILTER MOUNT BRACKET	1
29		FILTER ASY,M PRESS,SAE8,WOIND* (77139)	1
		component no longer available	
29-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
		for 77139	
29-	20880GT	FILTER ELEMENT-10 MIC.***	1
		for 20879 (no longer available)	
29A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
29A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS	
		for 1267807	
30	8177GT	SCREW,HHC,1/2-13 X 1.5	2
31	6033GT	WASHER,LOCK,0.5"	4
32	29436GT	O-RING***	1
33	53959GT	PUMP,LIFT 1.403 C.I.***	1
33-	58228GT	SEAL KIT***	1
34		Ref. Screw - SHC, 3/8 -16 x 1 inch, GR 8	2
35	6097GT	WASHER, FLAT, USS, 3/8", Y	2
36	37027GT	PUMP,VAR PISTON,2.8 C.I.***	1
36-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
36-	32611GT	SHAFT,M46 15 TOOTH	1
37		Ref. Hydraulic Hoses & Fittings (refer to figure 509.1)	1
38	6175GT	SCREW,HHC,3/8-16 X 1	2
39	22278GT	SWITCH,VACUUM	1
40	27917GT	GOVERNOR,MECHNCL,FORD LSG423	1
41	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
		includes clevis pin	
42	30785-1000GT	THREADED ROD,1/4-28 X 10 IN***	1
43	21496GT	NUT,HEX,1/4-28	2
44	30224PGT	BRACKET,LP REG/AIR FILTER,PNTD	1
45	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**	1

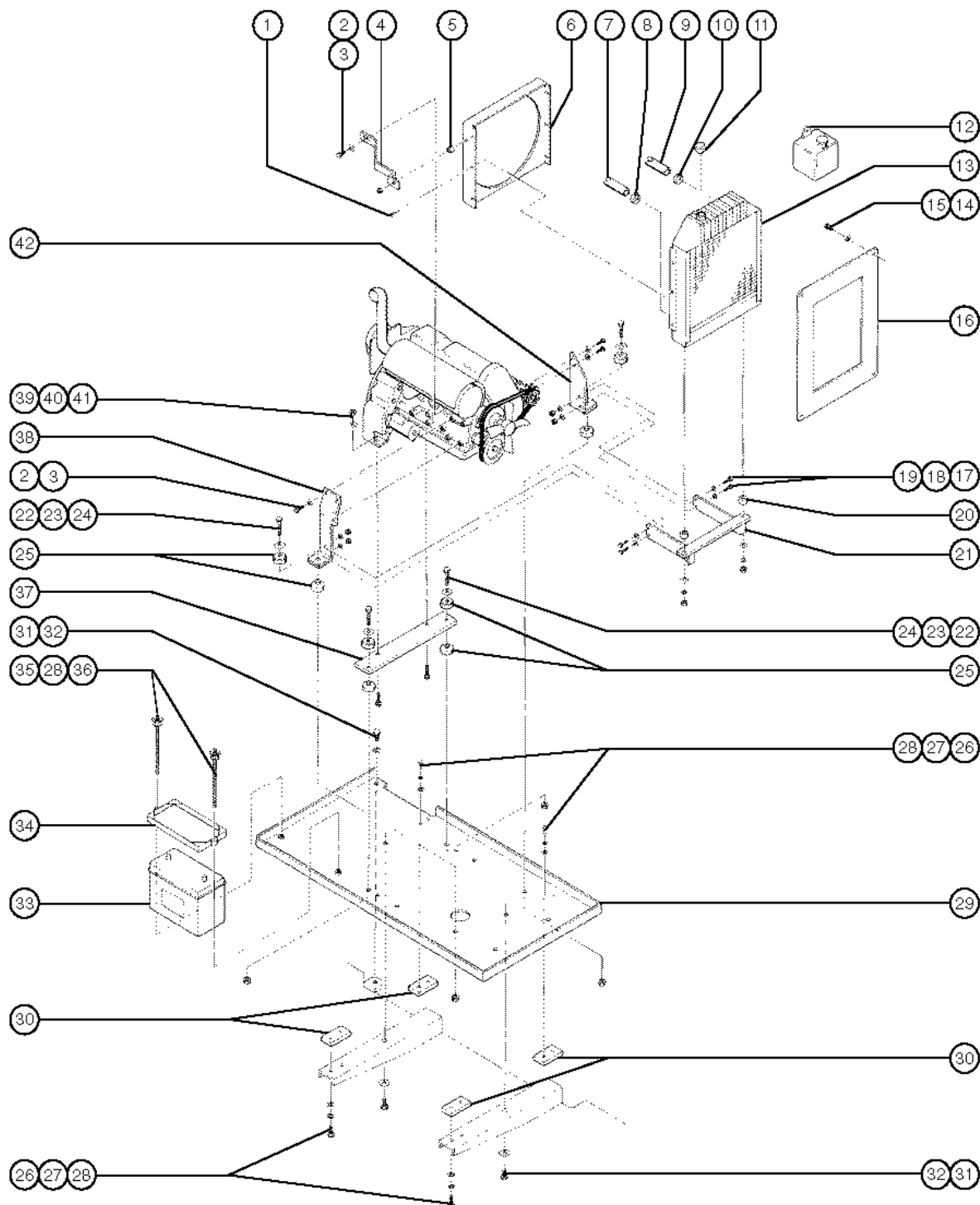
402.1 Ford Gasoline/LPG Engine - View 2



402.1 Ford Gasoline/LPG Engine - View 2

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
46	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
47		Ref. Hose - 3/8 x 19.5 inches (50 cm), Regulator to Water Pump	1
48		Ref. Hose - 3/8 x 25 inches (63.5 cm), Regulator to Intake Manifold	1
49		REGULATOR,LPG,BEAM #120A	1
		no longer available	
49-	32768GT	REGULATOR DIAPH.KIT BEAM 120A	1
50		Ref. Hose - 5/8 x 9.5 inches (24 cm), Regulator to Carburetor Venturi	1

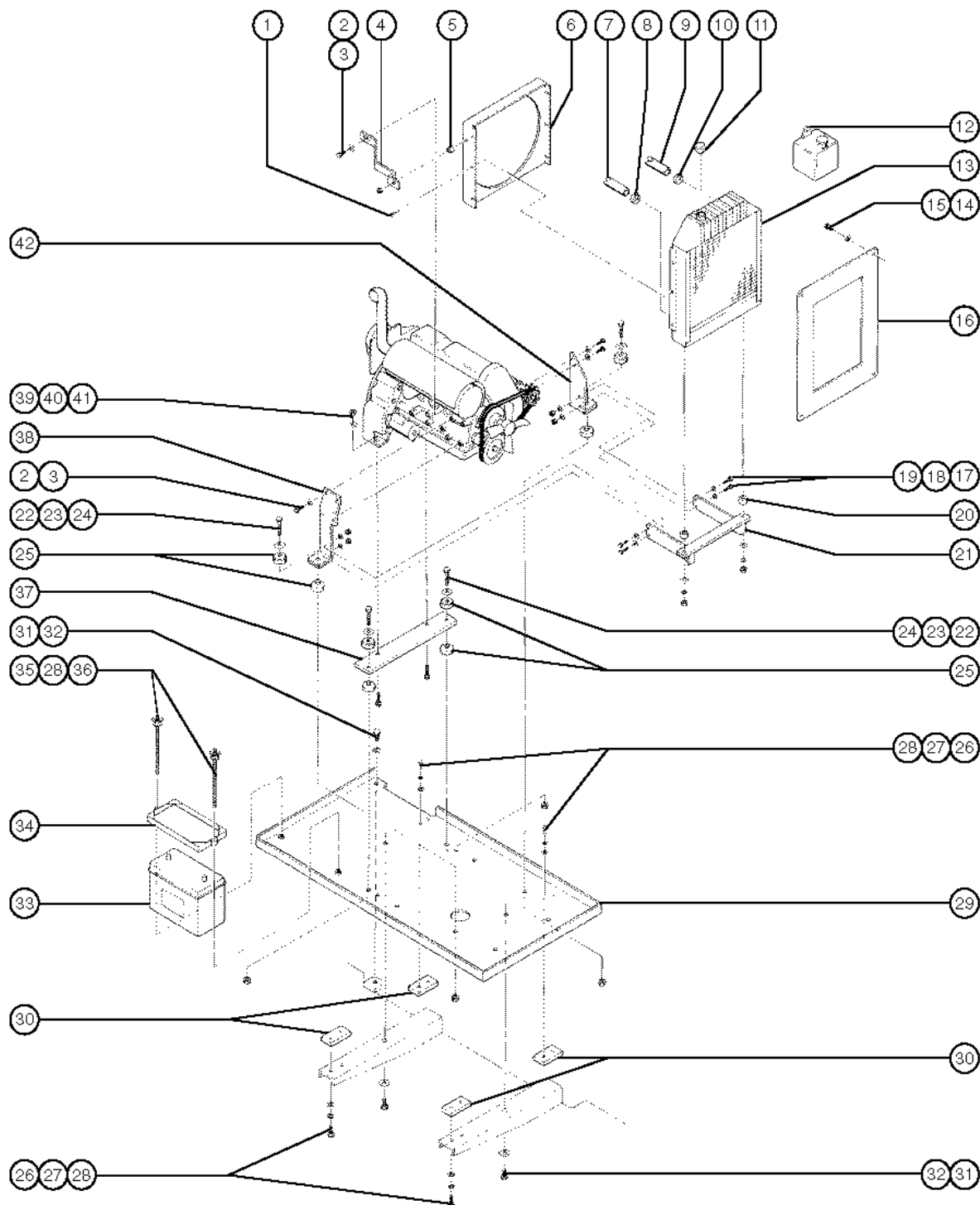
403.1 Ford Gasoline/LPG Engine - View 3



403.1 Ford Gasoline/LPG Engine - View 3

Item	Part No.	Description	Qty.
1	21018GT	SCREW,PHIL,PHM,10-24 X.38,SEMS	6
2	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	7
3	22700GT	WASHER,LOCK,M10	7
4	27022PGT	MOUNT,RAD.SUPPT.,RH,PAINTED	1
5	33056GT	ISOLATOR,VIBRATION	2
6	27639PGT	RADIATOR SHROUD,PAINTED	1
7	28769GT	HOSE,BOTTOM RADIATOR,FORD	1
8	13014GT	CLAMP,HOSE,2.25" DIA.	1
9	28770GT	HOSE, TOP RADIATOR,FORD	1
10	45171GT	CLAMP,HOSE,1.75,LINED	1
11	27943GT	CAP,RADIATOR,FORD***	1
12	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
13	27942GT	RADIATOR,FORD (LSG)	1
13-	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
14	6175GT	SCREW,HHC,3/8-16 X 1	4
15	6021GT	WASHER, LOCK, .375	4
16	30720PGT	BAFFLE,AIR,FORD,PAINTED	1
17	8516GT	SCREW, HCC, 3/8-16 X 1.50	4
18	6097GT	WASHER, FLAT, USS, 3/8", Y	8
19	4828GT	NUT, NYLOCK, 3/8-16	4
20	24038GT	SHOCK MOUNT,SMALL	2
21	27640GT	WELDMENT,RADIATOR MOUNT	1
22	6023GT	SCREW,HHC,5/8-11 X 3.5	4
23	6035GT	WASHER,FLAT,USS,5/8",Y	4
24	6024GT	NUT,NYLOCK,5/8-11	4
25	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
26	6090GT	SCREW, HHC, 1/4-20 X .75	8
27	6356GT	WASHER,LOCK,.25	8

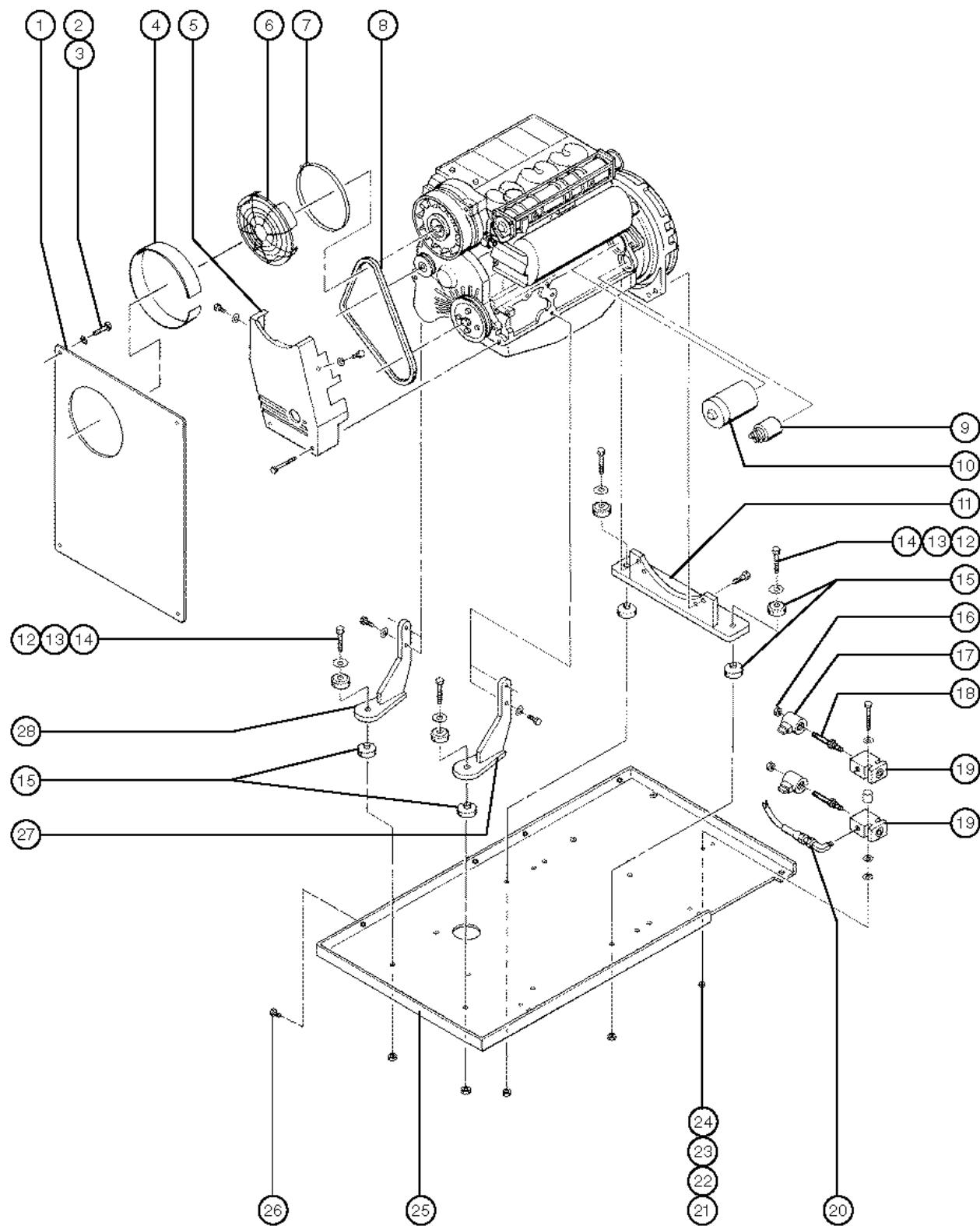
403.1 Ford Gasoline/LPG Engine - View 3



403.1 Ford Gasoline/LPG Engine - View 3

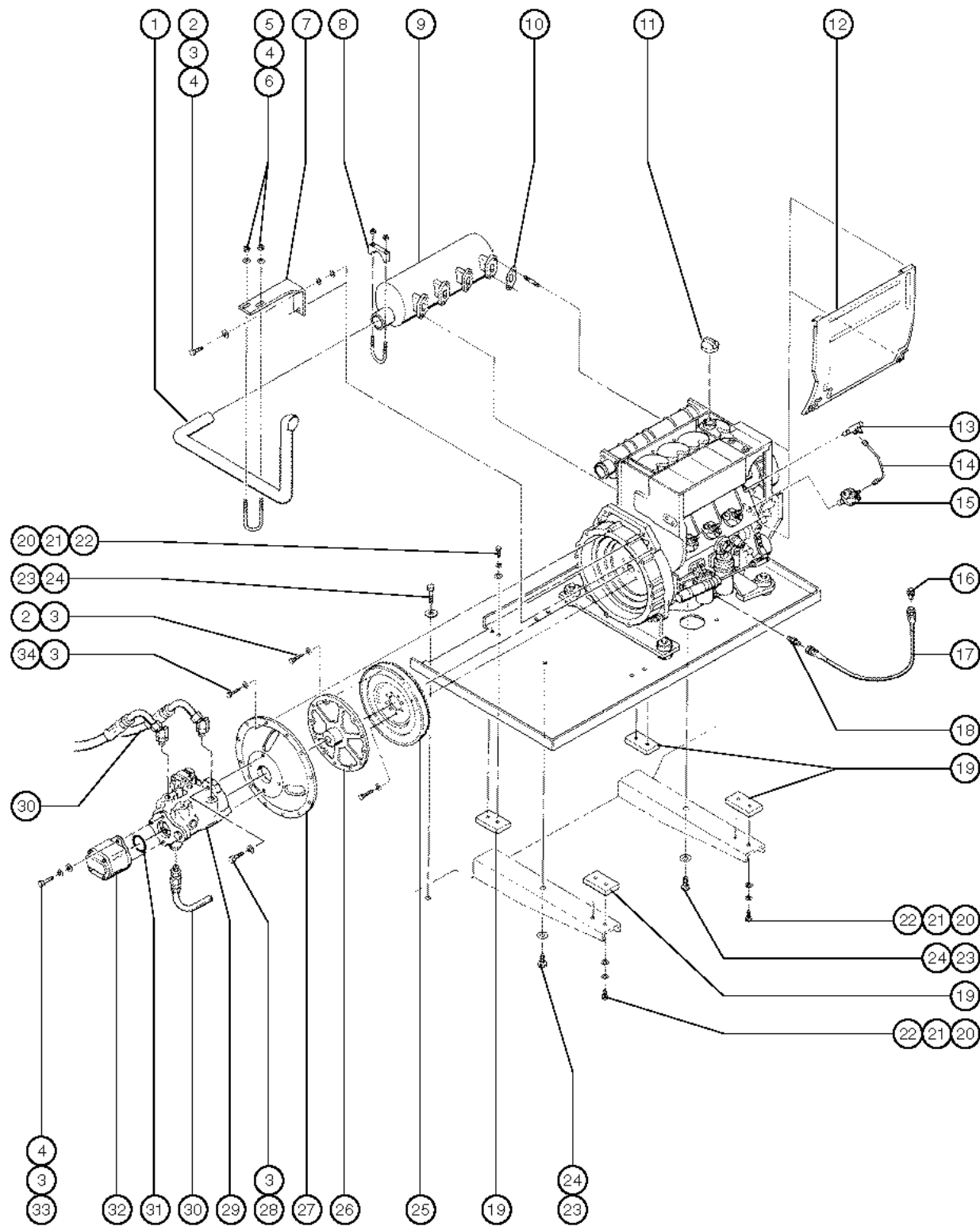
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
28	6638GT	WASHER, FLAT, USS, 1/4"Y	8
29	30679-SGT	WELDMENT, ENGINE MODULE PLATE	1
30	45209GT	WEAR PAD,4X2X.5 W/INSERT***	4
31	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
32	13064GT	WASHER,FLAT,.625 HARDENED	3
33	1303581GT	BATTERY, 12V, 950CCA, FLA	1
34	30144GT	BATTERY HOLD DOWN,GROUP 31	1
35	30784-975GT	THREADED ROD,(1/4-20),9.75	2
36	8170GT	NUT,WING,1/4-20	2
37	28234P-SGT	PLATE,ENGINE MOUNT,PAINTED	1
38	29296GT	WELDMENT,FORD ENG.MNT,OUTBOARD	1
39	6198GT	NUT, NYLOCK, 1/2-13	2
40	6095GT	WASHER,FLAT,USS,1/2",Y	2
41	10598GT	SCREW,HHC,1/2-13 X 3	2
42	29297GT	WELDMENT,FORD ENG.MNT,INBOARD	1

404.1 Deutz Diesel Engine - View 1



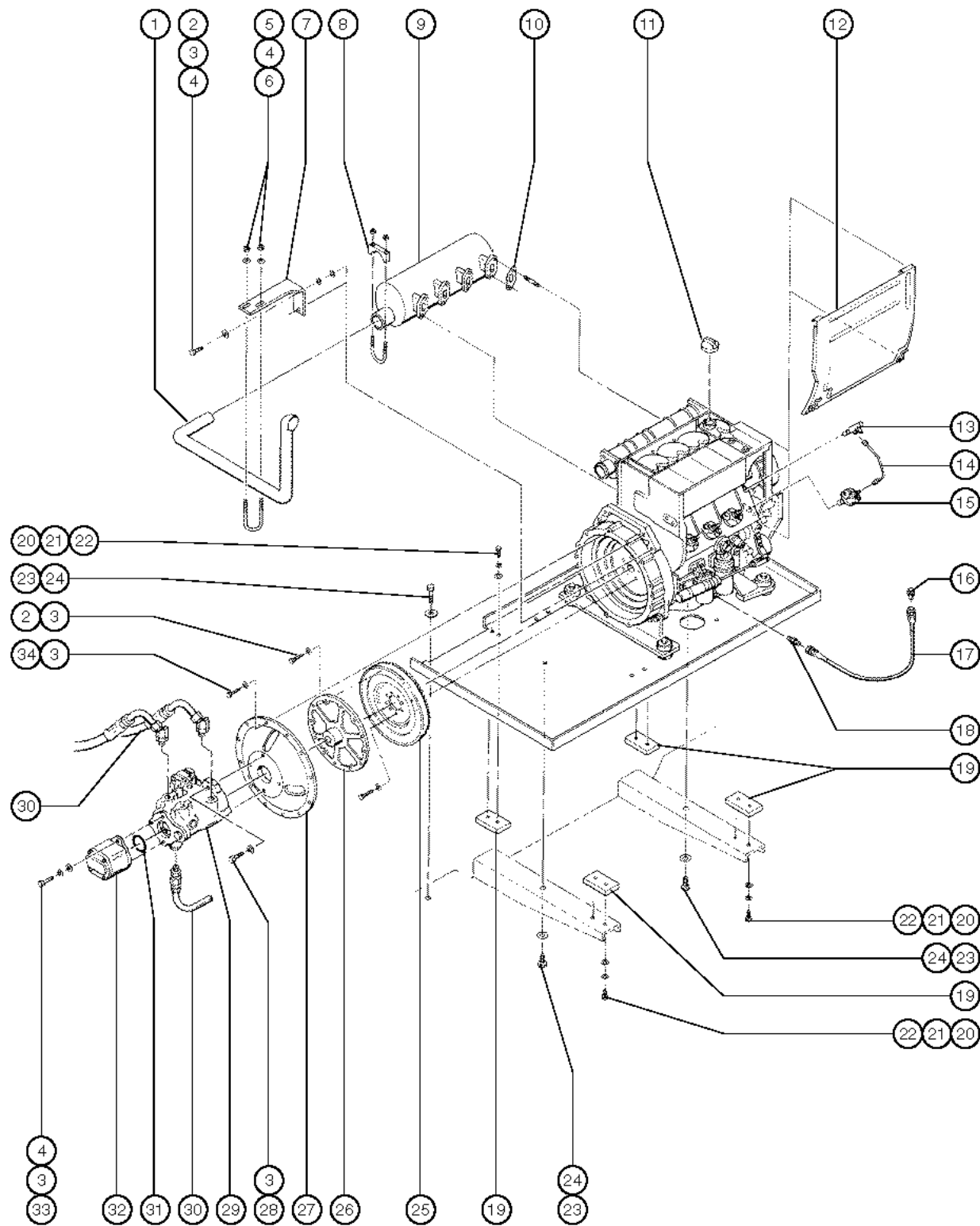
Item	Part No.	Description	Qty.
1	30721PGT	BAFFLE,AIR,DEUTZ,PAINTED	1
2	6175GT	SCREW,HHC,3/8-16 X 1	4
3	6021GT	WASHER, LOCK, .375	4
4	33239GT	WELDMENT, AIR INTAKE TUBE	1
5	29555GT	COVER,FRONT DEUTZ ENGINE	1
6	31522GT	GUARD,FAN,DEUTZ F4L1011	1
7	31523GT	CLAMP,HOSE,8.50 DIA***	1
8	32698GT	BELT	1
9	29552GT	STARTER SOLENOID, DEUTZ 25484	1
10	29551GT	STARTER ASSY - PRE 8/14/95	1
		includes index number 9	
11	29550GT	WELDMENT,DEUTZ ENGINE MOUNT	1
12	21175GT	SCREW,SHC,5/8-11 X 4,A574	4
13	6035GT	WASHER,FLAT,USS,5/8",Y	4
14	6024GT	NUT,NYLOCK,5/8-11	4
15	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
16	52943GT	NUT, SOLENOID VALVE COIL	2
17	29744GT	COIL,10V	2
18	29066GT	VALVE,SOLENOID,10V,2POS 3WAY**	2
		includes index numbers 16 and 17	
19	30369GT	SOLENOID VALVE,N.C. 2POS. 3WAY	2
		includes index numbers 16 through 18	
20		Ref. Hydraulic Hoses & Fittings (refer to figure 509.1)	2
21	6091GT	NUT,NYLOCK,1/4-20	2
22	6638GT	WASHER, FLAT, USS, 1/4"Y	6
23	45400GT	SPACER TUBE,.50 LG	2
24	11413GT	SCREW,HHC,1/4-20 X 4	2
25	30679-SGT	WELDMENT, ENGINE MODULE PLATE	1
26	34619GT	BUMPER,RUBBER***	4
27	32748GT	WELMENT,DEUTZ ENGINE MOUNT	1
28	32749GT	WELDMENT,DEUTZ ENGINE MOUNT	1

405.1 Deutz Diesel Engine - View 2



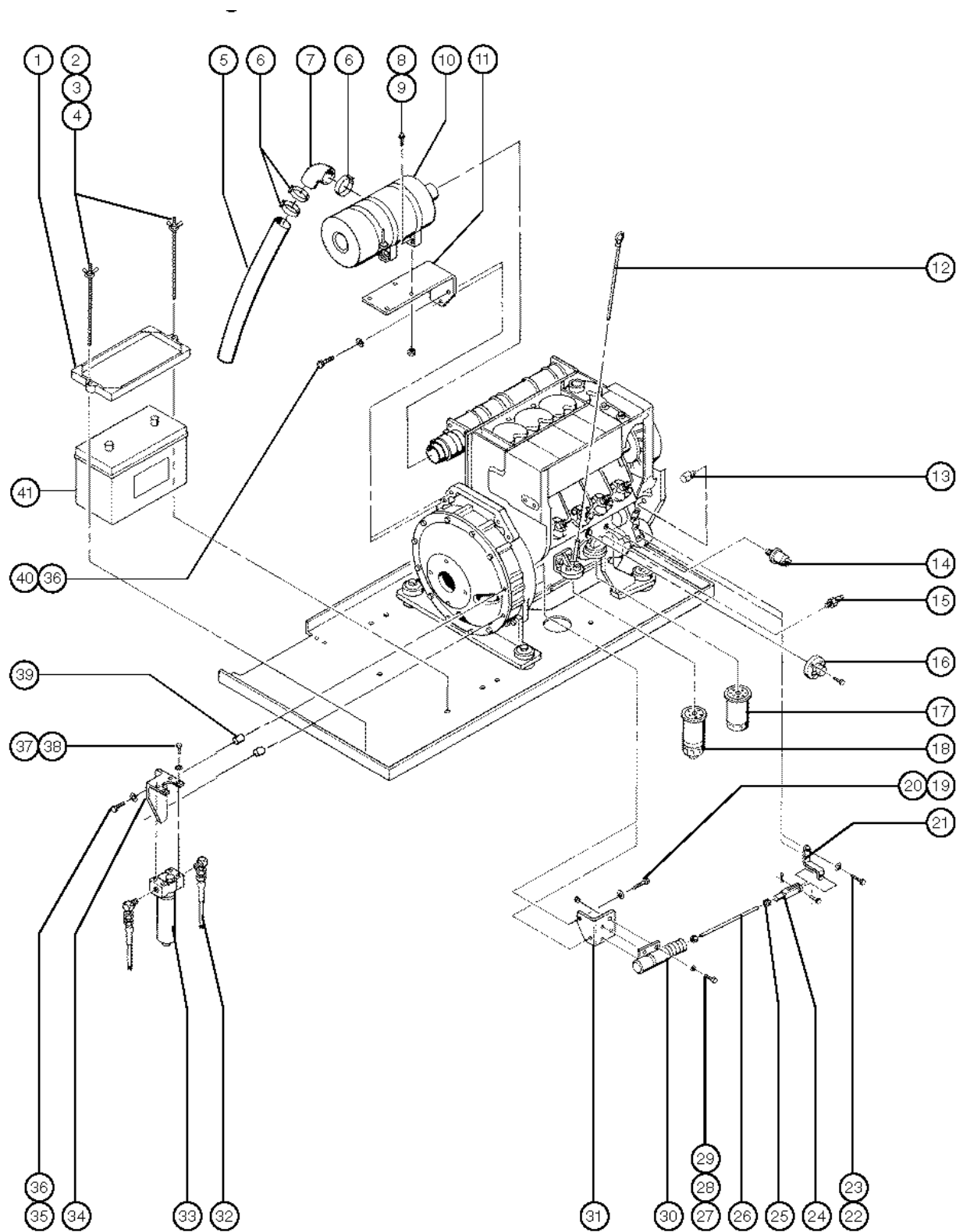
Item	Part No.	Description	Qty.
1	34551GT	EXHAUST, TAILPIPE, DEUTZ	1
2	6019GT	SCREW, HHC, 3/8-16 X 1.25 GRD 5	14
3	6021GT	WASHER, LOCK, .375	27
4	6097GT	WASHER, FLAT, USS, 3/8", Y	6
5	6002GT	NUT, LP NYLOCK, 5/16-18	2
6	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***	1
7	27329PGT	BRACKET, EXHAUST SUPPRT, PAINT	1
8	30438GT	CLAMP, MUFFLER, 2 1/4" ID.	2
9	29558GT	MUFFLER**	1
10	29559GT	GASKET, EXHAUST	4
11	29557GT	CAP, OIL FILLER, DEUTZ, DIESEL ***	1
12	29556GT	COVER, SIDE ENGINE	1
13	29563GT	INJECTOR	3
14	29564GT	INJECTOR, FUEL LINE DEUTZ DSL	3
15	32699GT	INJECTION PUMP, DEUTZ DIESEL	3
16	19141GT	PLUG, MALE, 070109-6	1
17	30964GT	HOSE ASSEMBLY, 33"	1
18	30963GT	CONNECTOR, M18 X 8 JIC	1
19	45209GT	WEAR PAD, 4X2X.5 W/INSERT***	4
20	6090GT	SCREW, HHC, 1/4-20 X .75	8
21	6356GT	WASHER, LOCK, .25	8
22	6638GT	WASHER, FLAT, USS, 1/4"Y	8
23	29883GT	SCREW, HHC, 5/8-11 X 1.75 GRD.8	3
24	13064GT	WASHER, FLAT, .625 HARDENED	3
25	33729GT	RING GEAR, DEUTZ F3 & F4L1011* (please verify ring gear thickness) 0.365 inches	1
25-	49917GT	RING GEAR, DEUTZ F3 & F4L1011F* (please verify ring gear thickness) 0.46 inches	1
25-	89785GT	RING GEAR, DEUTZ F3L2011F (please verify ring gear thickness) 0.6 inches	1
26	34380GT	FLYWHEEL COUPLING, TYPE FL	1

405.1 Deutz Diesel Engine - View 2



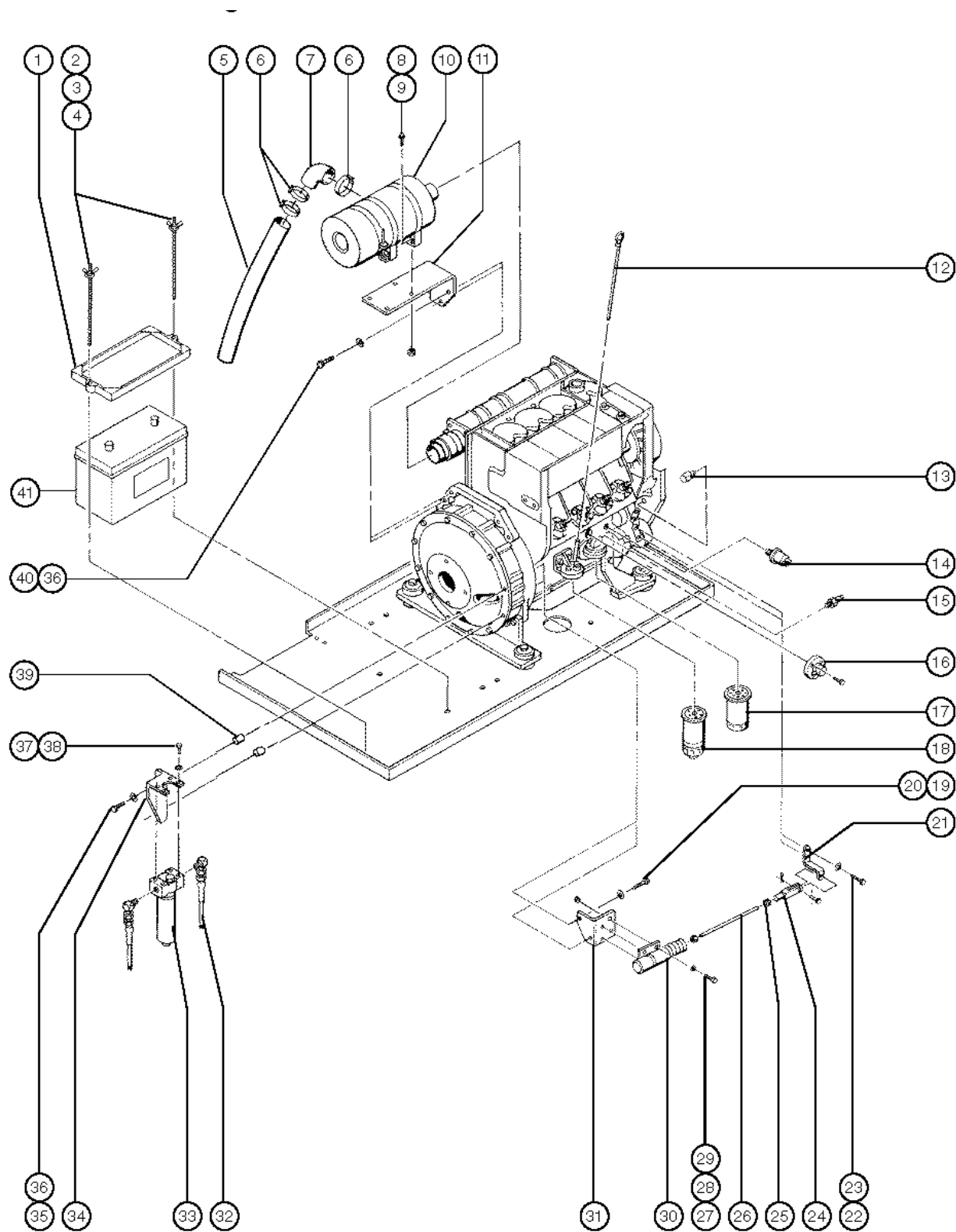
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
26-	32606GT	COUPLER,HUB,15 TOOTH	1
27	30806GT	FLYWHEEL COVER,CASTING***	1
28	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	2
29	37027GT	PUMP,VAR PISTON,2.8 C.I.***	1
29-	22965GT	EDC ASSY,SAUER,M46***	1
29-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
29-	32611GT	SHAFT,M46 15 TOOTH	1
30		Ref. Hydraulic Hoses & Fittings (refer to figure 509.1)	1
31	29436GT	O-RING***	1
32	53959GT	PUMP,LIFT 1.403 C.I.***	1
32-	58228GT	SEAL KIT***	1
33		Ref. Screw - SHC, 3/8 -16 x 1 inch, GR 8	2
34	6175GT	SCREW,HHC,3/8-16 X 1	12

406.1 Deutz Diesel Engine - View 3



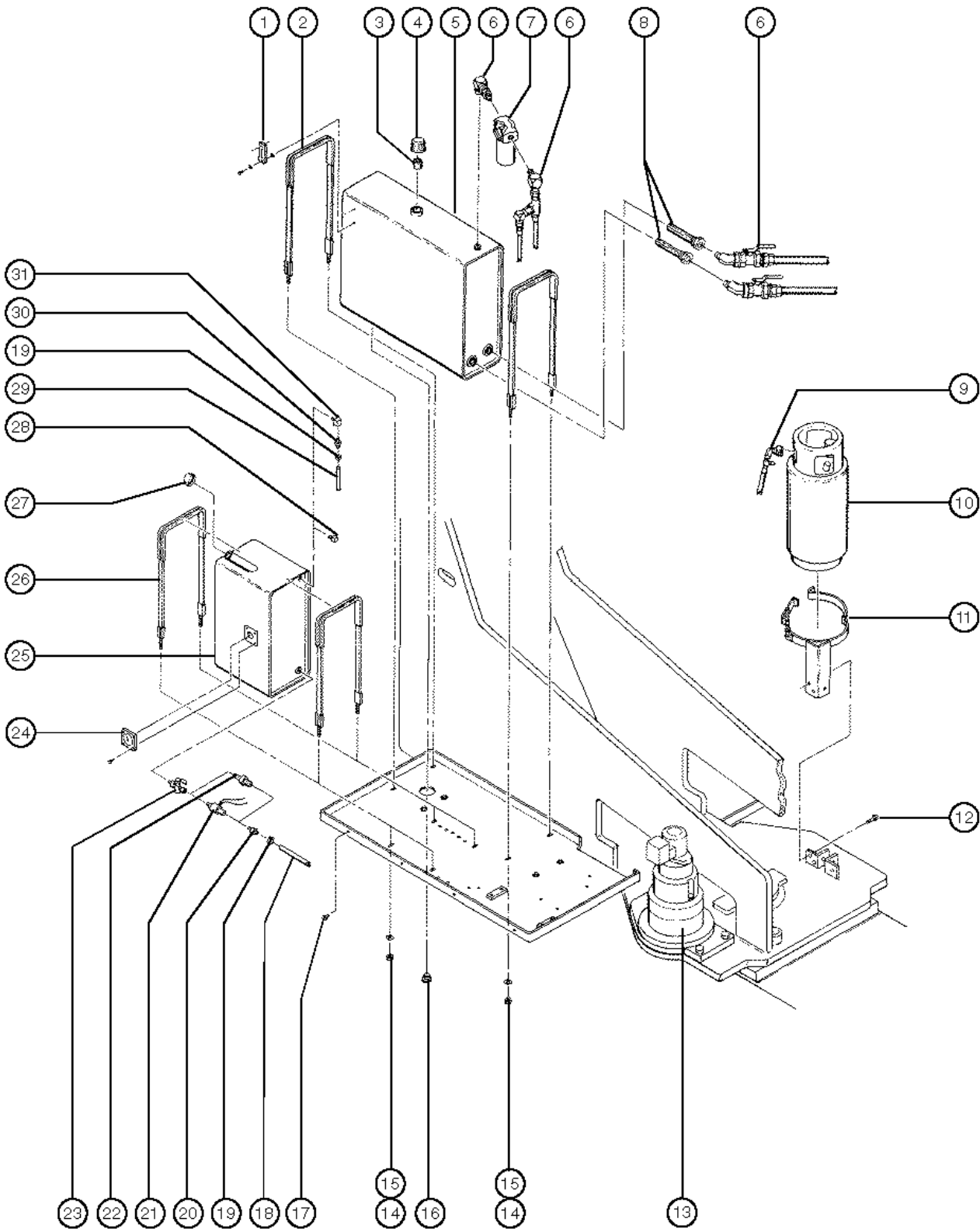
Item	Part No.	Description	Qty.
1	30144GT	BATTERY HOLD DOWN, GROUP 31	1
2	30784-975GT	THREADED ROD, (1/4-20), 9.75	2
3	6638GT	WASHER, FLAT, USS, 1/4"Y	2
4	8170GT	NUT, WING, 1/4-20	2
5	34162-3600GT	HOSE, AIR INTAKE 2.5" I.D.	1
6	30971GT	CLAMP, HOSE, 3.00"	5
7	34164GT	ELBOW, 90 DEGR, RUBBER, 2.5" I.D. *	1
8	18506GT	SCREW 5/16-18 X .75 LG. FLG. LCK.	4
9	6002GT	NUT, LP NYLOCK, 5/16-18	4
10	27915GT	AIR CLEANER does NOT include mounting bands	1
10-	27916GT	FILTER, AIR, ELEMENT***	1
10-	53952GT	BRKT, AIR CLEANER ORIENTATION**	
10-	65815GT	CLAMP, AIR CLEANER (27915)** clamp that holds the end cap on	1
11	30769PGT	BRCKET, AIR CLEANER MTG. PAINT**	1
12	32750GT	DIPSTICK	1
13	T114678GT	SHUTDOWN SOLENOID, 12V, DEUTZ (must order cable assembly, 58256, if replacing 32752) (includes o-ring)	1
13-	58256GT	SOLENOID CABLE ASSY***	
13-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* (does not include diode, 45782)	
13-	56445GT	DIODE, 6 AMP 200 PIV, REEL	
14	30805GT	SENDING UNIT, OIL PRESS., DEUTZ	1
15	34059GT	SENDING UNIT, OIL TEMP.	1
16	29562GT	PUMP ASSY, FUEL, DEUTZ DIESEL	1
17	49924GT	FILTER, OIL, DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
18	29560GT	FILTER, FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
18-	1254826GT	FUEL FILTER W/SEP, DEUTZ, 1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
19	23057GT	SCREW, HHC, M8 X 20MM	2
20	6886GT	WASHER, LOCK, .313	2
21	33240PGT	BRACKET, ACTUATOR ARM MTG, PTD	1

406.1 Deutz Diesel Engine - View 3



Item	Part No.	Description	Qty.
22	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	2
23	6356GT	WASHER,LOCK,.25	2
24	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
		includes clevis pin	
25	21496GT	NUT,HEX,1/4-28	2
26	30785-1500GT	THREADED ROD,1/4-28 X 15 IN***	1
27	6090GT	SCREW, HHC, 1/4-20 X .75	4
28	6638GT	WASHER, FLAT, USS, 1/4"Y	4
29	6091GT	NUT,NYLOCK,1/4-20	4
30	29073GT	SOLENOID,THROTTLE,	1
31	33241PGT	BRACKET,SOLENOID MTG,PAINTED	1
32		Ref. Hydraulic Hoses & Fittings (refer to figure 509.1)	1
33		FILTER ASY,M PRESS,SAE8,WOIND* (77139)	1
		component no longer available	
33-	20880GT	FILTER ELEMENT-10 MIC.***	1
		for 77139	
33A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
33A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS	
		for 1267807	
34	30230P-SGT	FILTER MOUNT BRACKET	1
35	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
36	6021GT	WASHER, LOCK, .375	4
37	7339GT	SCREW,HHC,1/4-20 X .5	4
38	6356GT	WASHER,LOCK,.25	4
39	8878GT	SPACER,.40X.50X.560	2
40	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
41	1303581GT	BATTERY, 12V, 950CCA, FLA	1

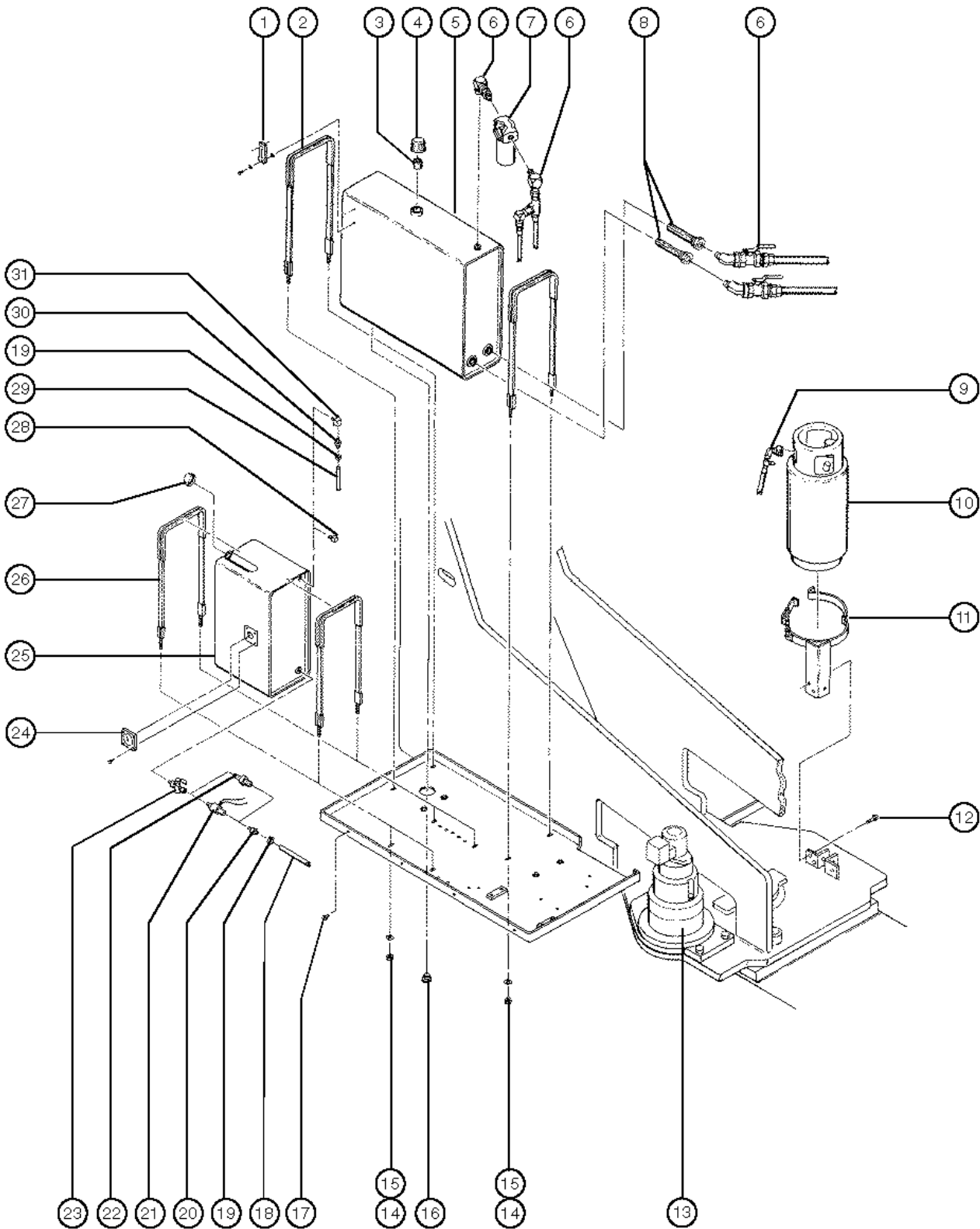
501.1 Hydraulic and Fuel Tanks



501.1 Hydraulic and Fuel Tanks

Item	Part No.	Description	Qty.
1	21141GT	GAUGE-SIGHT,LHA-LGTB*** includes mounting fasteners	1
2	31524GT	STRAP ASSY,TANK, 66 INCH	2
3	31506GT	STRAINER,FILLER NECK	1
4	53534GT	FILTER SCREEN,TANK BREATHER	1
5	53353GT	TANK,HYDRAULIC,45 GALLON*** includes index numbers 1, 3 and 16	1
6		Ref. Hydraulic Hoses & Fittings (refer to figure 509.1)	1
7	29908GT	FILTER ASSY W/INDICATOR LH	1
7-	20293GT	FILTER ELEMENT-10MICRON.**	1
8	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
9	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**	1
10	53605GT	TANK, 7 GAL/33.5 POUND, LP Gasoline/LPG models	1
11	30711GT	LP.TANK BRKT WLDMT.,TALL Gasoline/LPG models	1
12	8255GT	SCREW,HHC,3/8-16 X .75	3
13		Ref. Turntable Rotator (refer to figure 504.1)	3
14	4828GT	NUT, NYLOCK, 3/8-16	7
15	6097GT	WASHER, FLAT, USS, 3/8", Y	4
16	31507GT	PLUG,SQUARE HEAD,3/4 MPT	1
17	34619GT	BUMPER,RUBBER***	4
18	27089GT	HOSE,5/16 FUEL,SAE 30R7 Deutz Diesel models	
18-	27089GT	HOSE,5/16 FUEL,SAE 30R7 Gasoline/LPG models	
19	21465GT	CLAMP,HOSE, .25" TO .63" X .3125" Deutz Diesel models	2
19-	21465GT	CLAMP,HOSE, .25" TO .63" X .3125" Gasoline/LPG models	1
20	33350GT	SWIVEL,45 DEGR.FEM.X 5/16 BARB Deutz Diesel models	1
20-	29137GT	HOSE END,MALE.25 X .25 MPT***	1
21	139898GT	SOLENOID-GASOLINE FUEL Gasoline/LPG models	1
22	33349GT	VALVE,INLINE CHECK Deutz Diesel models	1
23	19487GT	VALVE, FUEL LOCK	1
24	30584GT	GAUGE,FUEL,SIDE MOUNT	1

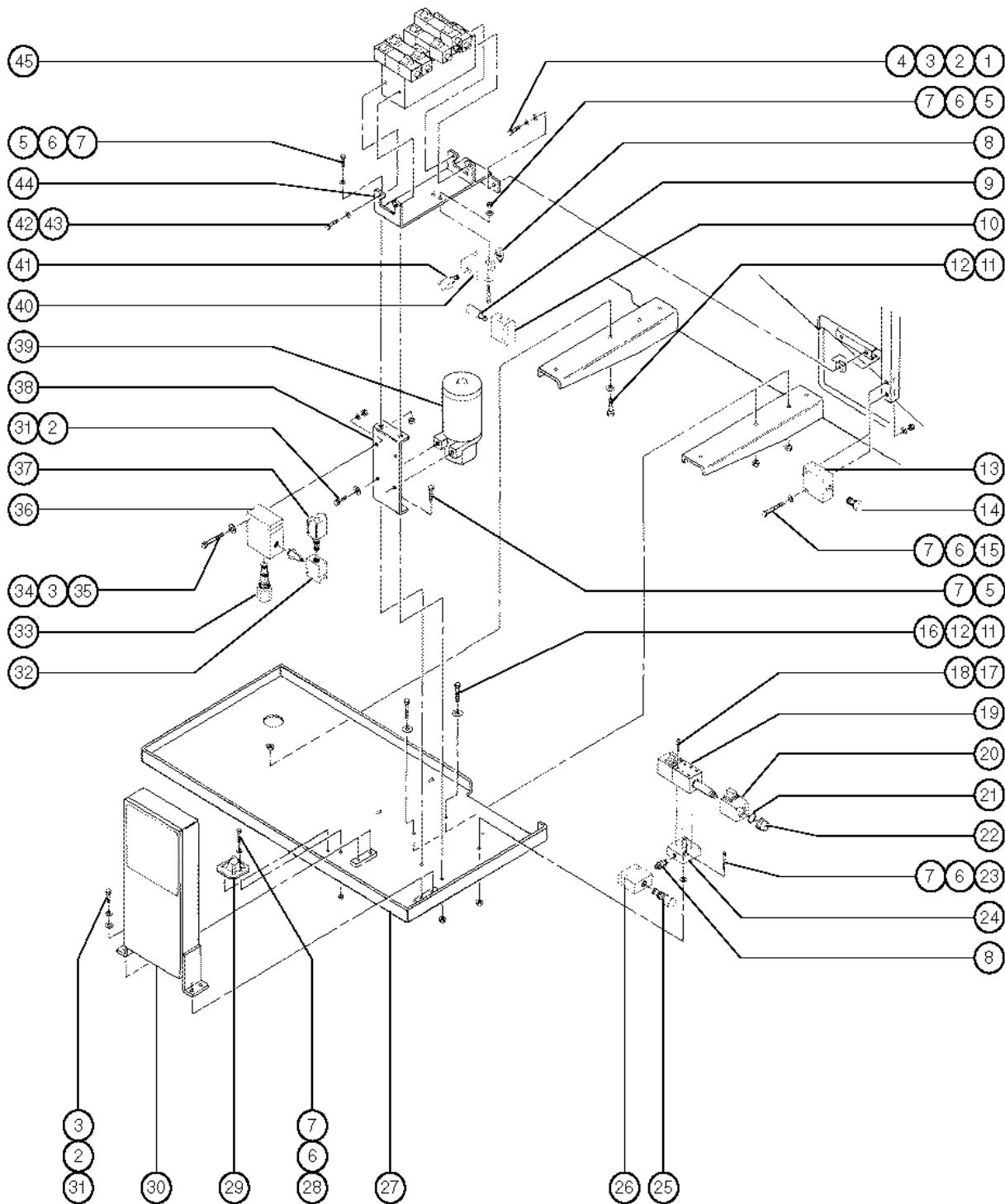
501.1 Hydraulic and Fuel Tanks



501.1 Hydraulic and Fuel Tanks

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
25	30546P-SGT	TANK,30 GALLON,PAINTED** includes index number 28	1
26	30179GT	TANK STRAP,BOLT STYLE,62" 2	2
27	25567GT	CAP,FUEL,GREEN* Deutz Diesel models	1
27-	28829GT	CAP,FUEL,RED*** Gasoline/LPG models	1
28	18218GT	PLUG,PIPE,HEX HEAD,STL,1/4NPT Gasoline/LPG models	1
29	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7 Deutz Diesel models	
30	29137GT	HOSE END,MALE .25 X .25 MPT*** Deutz Diesel models	1
31	19363GT	ELBOW,130239-4-4 Deutz Diesel models	1

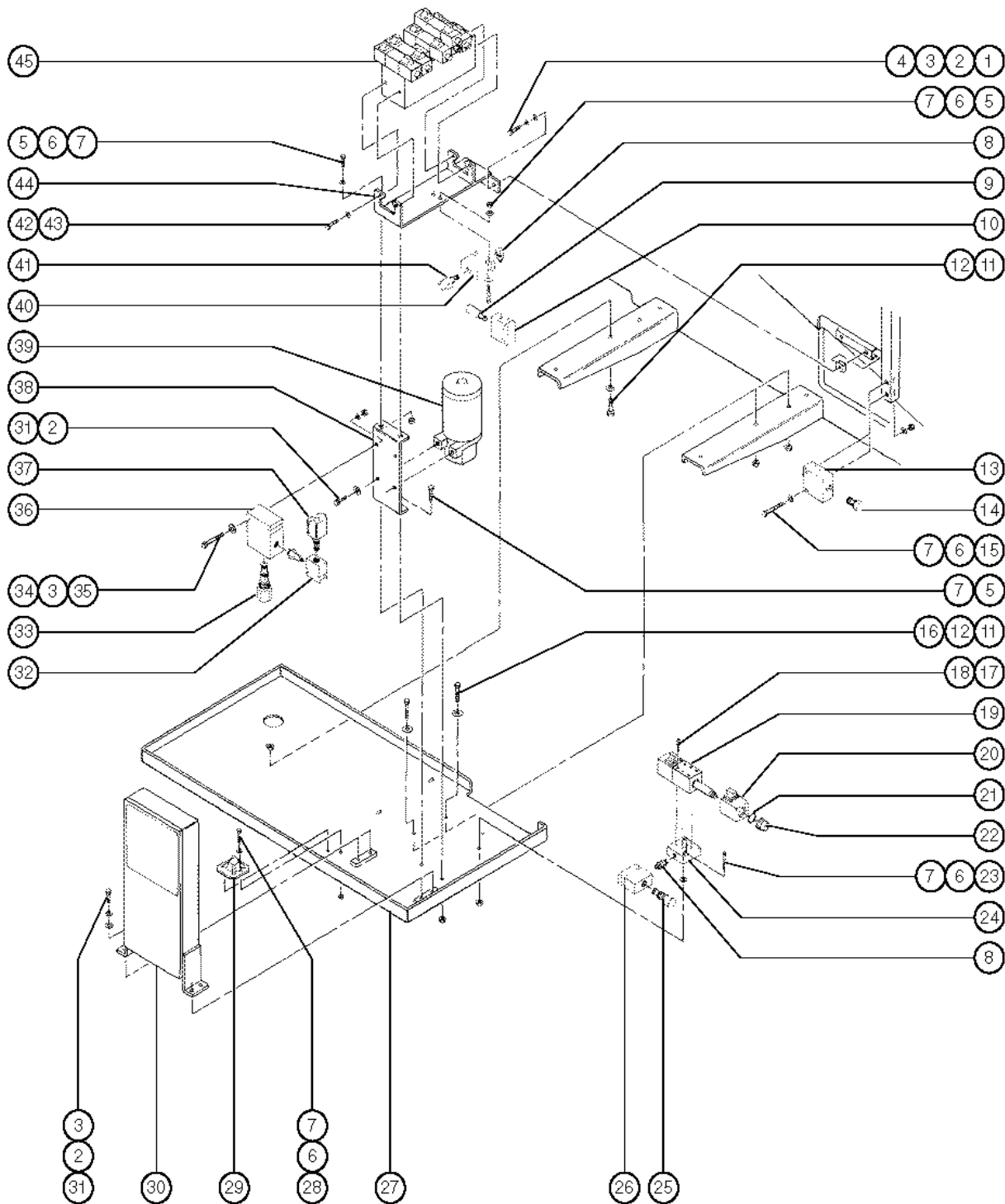
502.1 Function Manifold and Hydraulic Power Unit Installation



502.1 Function Manifold and Hydraulic Power Unit Installation

Item	Part No.	Description	Qty.
-	37207GT	ACCUMULATOR,430 PSI PRECHARGE* from SN 148	
-	37206GT	ACCUMULATOR KIT-S80/85** required for first time installation (includes accumulator 37207); to SN 147	
1	6175GT	SCREW,HHC,3/8-16 X 1	2
2	6021GT	WASHER, LOCK, .375	8
3	6097GT	WASHER, FLAT, USS, 3/8", Y	6
4	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	6
5	4266GT	SCREW,HHC,1/4-20 X 2	6
6	6638GT	WASHER, FLAT, USS, 1/4"Y	18
7	6091GT	NUT,NYLOCK,1/4-20	14
8		Ref. Hydraulic Hoses & Fittings (refer to figure 509.1)	14
9	33451GT	VALVE,RELIEF 200 PSI (34546)	1
10	34546GT	VALVE,RELIEF 200 PSI includes index number 9	1
11	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
12	13064GT	WASHER,FLAT,.625 HARDENED	3
13	34548GT	VALVE,FLOW REGULATOR .30 GPM includes index number 14	1
14	33452GT	VALVE,FLOW REGULATOR 1.0 GPM	1
15	6090GT	SCREW, HHC, 1/4-20 X .75	4
16	6024GT	NUT,NYLOCK,5/8-11	3
17	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	4
18	6607GT	WASHER,LOCK,#10 PLTD	4
19	146160GT	VALVE KIT,D03 includes index numbers 20 through 22	1
20	223763GT	COIL WITH DE CONNECTOR replaced 233763	2
21	45914GT	O-RING, DO1 VALVE	2
22	45913GT	NUT,DO1 VALVE	2
22-	33568GT	NUT, CP521-1 VALVE	2
23	30444GT	SCREW,SHC,1/4-20 X 2	2
24	24675GT	SUB PLATE (SPOOL VALVE)	1
25	33453GT	VALVE,FLOW REG.,3.5GPM (34543)	1

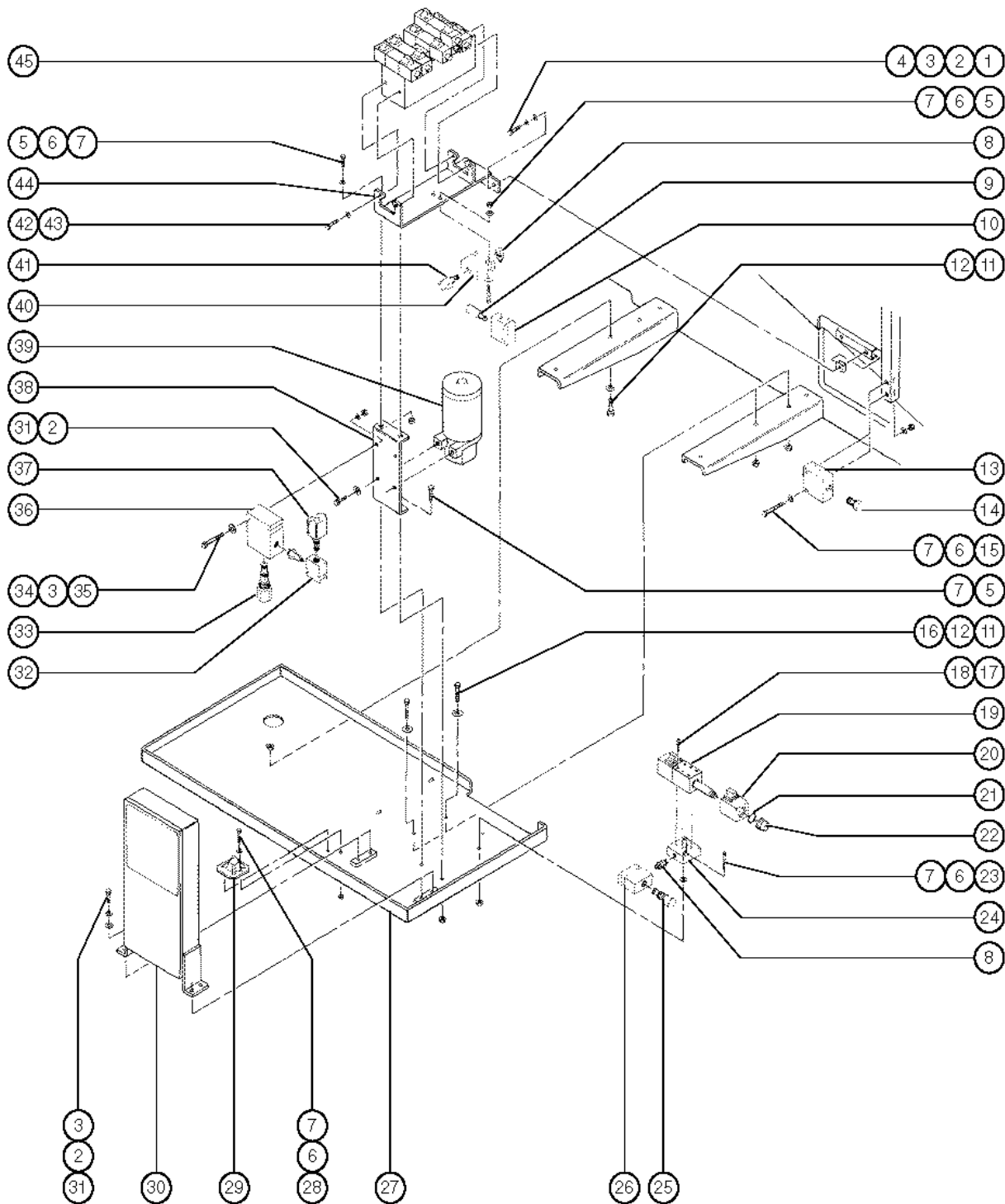
502.1 Function Manifold and Hydraulic Power Unit Installation



502.1 Function Manifold and Hydraulic Power Unit Installation

Item	Part No.	Description	Qty.
26	34543GT	VALVE,FLOW REGULATOR 3.5 GPM includes index number 25	1
27	30677GT	WELDMENT,HYD TANK MODULE includes index number 25	1
28	6888GT	SCREW, HHC, 1/4-20 X 1	2
29	44586GT	SENSOR,LEVEL 4.5***	1
30		Ref. Ground Controls (refer to figures 505.1 or 506.1)	1
31	8255GT	SCREW,HHC,3/8-16 X .75	6
32	34337GT	VALVE,SOLENOID N/O POPPET includes index number 37	1
33	33454GT	VALVE,DIRECT.2POS-2WAY(34338)	1
34	14033GT	SCREW, HHC, 3/8-16 X 2.75	2
35	7713GT	NUT, LP NYLOCK, 3/8-16	2
36	34338GT	VALVE,DIRECTIONAL,2POS.2WAY includes index number 33	1
37	29743GT	VALVE,SOLENOID	1
37-	29744GT	COIL,10V	1
37-	45912GT	NUT,SOLENOID VALVE 2P3W	1
38	30718PGT	BRACKET,AUX.PUMP MNT.PAINTED	1
39	89617GT	POWER UNIT,AUX PUMP 12VDC complete, replaces 32811	1
39-	58489GT	PUMP ASSY,AUX.POWER UNIT 89617 use with APU 89617	
39-	77069GT	MOTOR,12VDC,77066	
39-	77071GT	SOLENOID,77066	
39-	147289GT	SEAL KIT, APU	
39-	147290GT	SHAFT SEAL, APU	
39-	32949GT	MOTOR,12V DC (32810/32811)APU use with APU 32811	1
39-	32955GT	END HEAD, 32810 POWER UNIT use with APU 32811	1
39-	32948GT	COUPLER,PUMP TO MOTOR (32810) use with APU 32811	1
39-	32967GT	GASKET,PUMP TO DC MTR.(32810) use with APU 32811	1
39-	33455GT	PUMP, AUX. POWER UNIT use with APU 32811	1
39-	32959GT	BALL,CHECK (32810) use with APU 32811	1
39-	32962GT	GASKET,0.0005,SILVER (32810) use with APU 32811	1

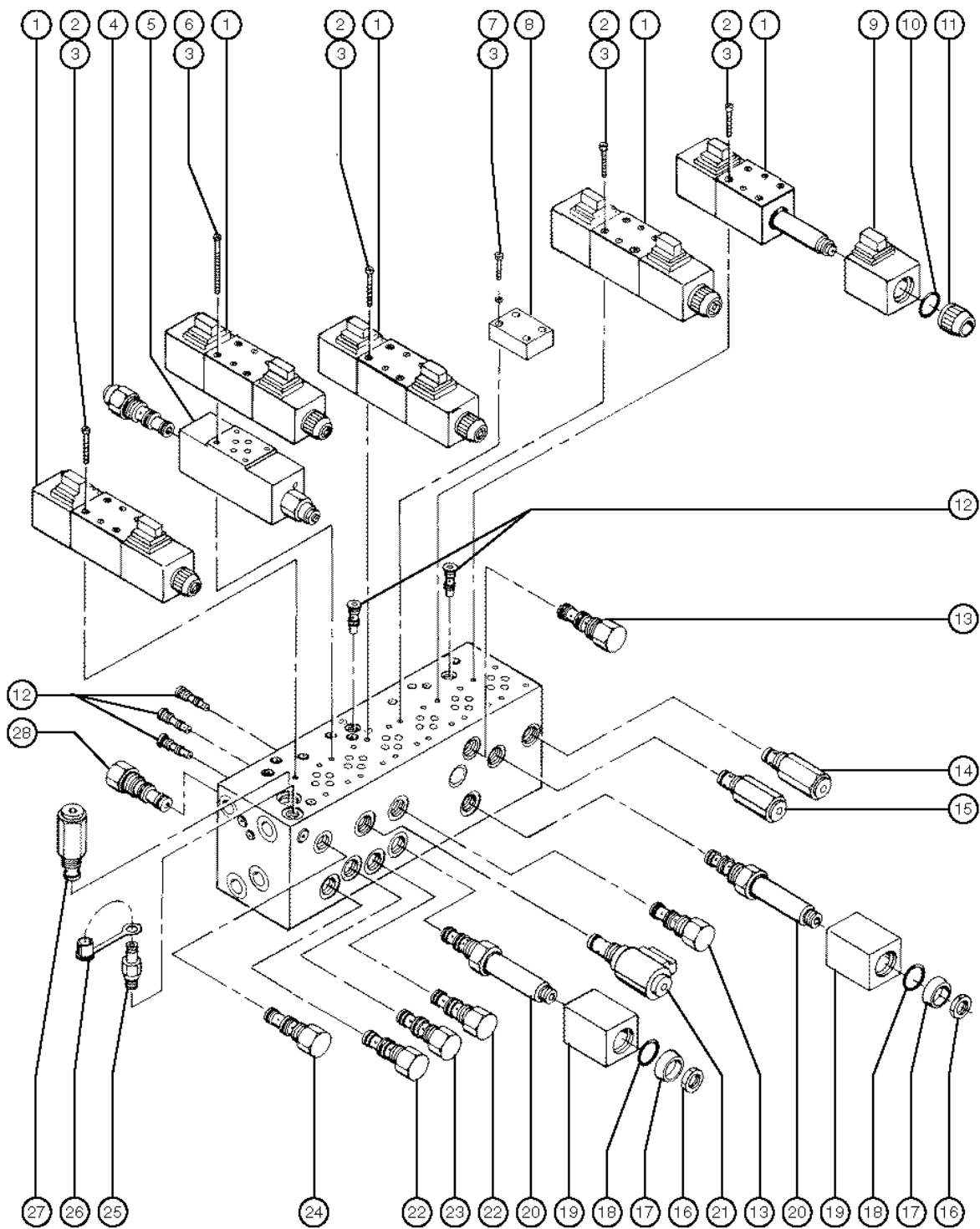
502.1 Function Manifold and Hydraulic Power Unit Installation



502.1 Function Manifold and Hydraulic Power Unit Installation

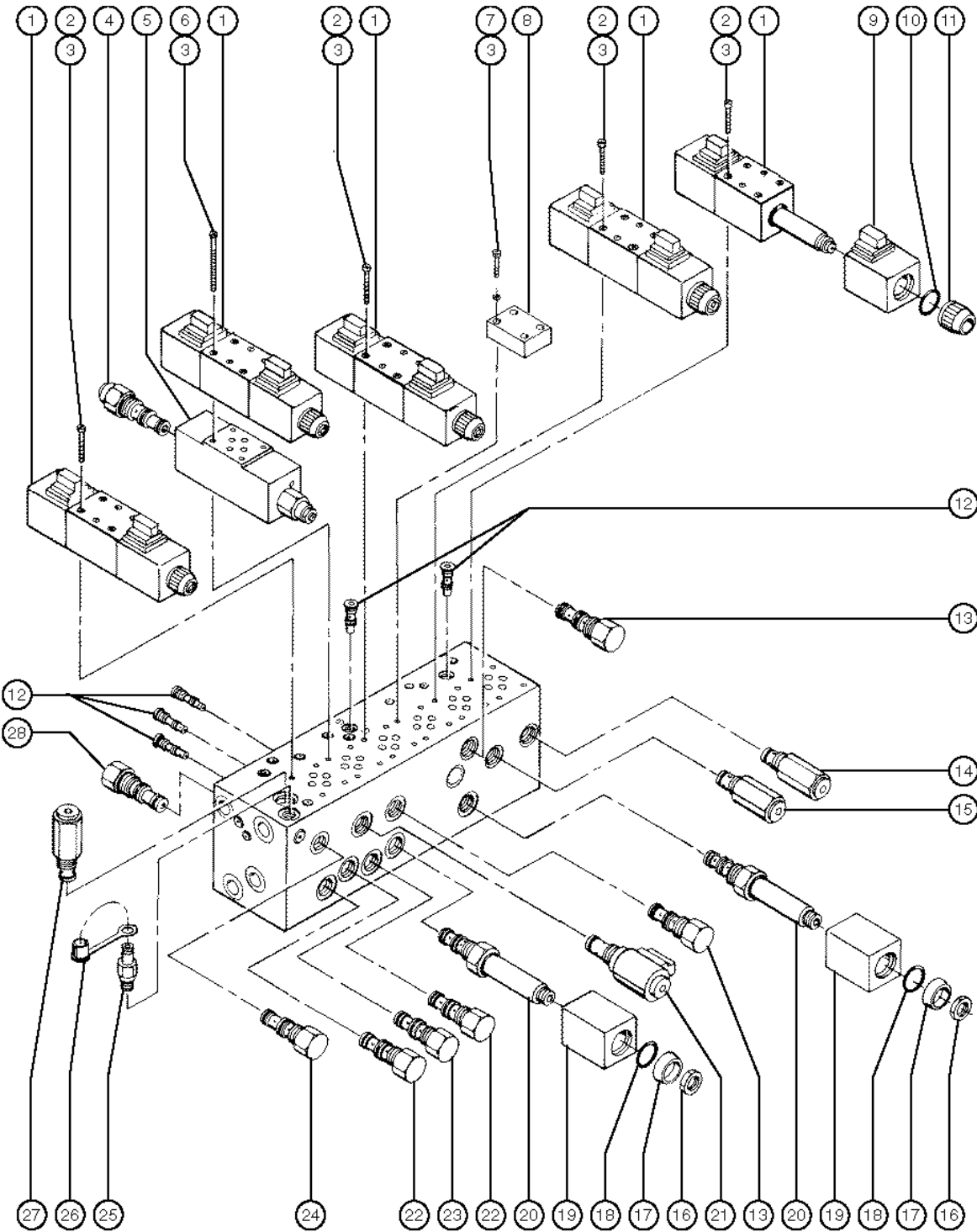
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
39	32963GT	GASKET,0.001,AMBER (32810) use with APU 32811	1
39-	32964GT	GASKET,0.00075,GOLD (32810) use with APU 32811	1
40	34549GT	VALVE,SOLENOID N/O POPPET includes index number 41	1
41	33456GT	VALVE,SOLENOID (34545)	1
41-	27814GT	COIL,SOLENOID,10V	1
41-	19782GT	Nut - Solenoid Valve	1
42	13002GT	SCREW,HHC,5/16-18 X 1 GR5	4
43	6886GT	WASHER,LOCK, .313	4
44	30703GT	WLDMT.FUNCTION MAN. MNT. S40	1
45	146172GT	MANIFOLD,FUNCTION	1

503.1 Function Manifold



Item	Part No.	Description	Qty.
		FUNCTION MANIFOLD Pervious manifold part 30668 is no longer available. For a complete manifold replacement, customers must contact Genie service department	
	25375GT	KIT, O-RING	
1		Ref. VALVE,DO1 Pervious DO1 valve 27811 is no longer available. For replacement must order DO3 valve 146165 and service bolt kit 41774	6
1-	146165GT	VALVE KIT,D03 kit comes with two inch screws, if customer needs four inch screws refer to 40617.	
1-	29743GT	VALVE,SOLENOID	
		use with DO3	
1-	223763GT	COIL WITH DE CONNECTOR	
		for 146165	
2	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	20
		use with DO1	
2-	41774GT	BOLT KIT,D03	
		use with DO3	
3	6607GT	WASHER,LOCK,#10 PLTD	4
4	31262GT	VALVE,COUNTERBALANCE	2
5	31261GT	VALVE,COUNTERBALANCE SANDWICH	1
		includes index number 3	
6	27812GT	SCREW,SHC,10-24 X 3	4
7	32661GT	SCREW,SHC,10-24 X 1 (D01)	4
8	32662GT	COVER PLATE (30668)	1
9	27813GT	COIL,D01,10V***	12
		use with DO1	
9-	29744GT	COIL,10V	
		use with DO3	
10	45914GT	O-RING, DO1 VALVE	12
		use with DO1	
10-	48648GT	O-RING, D03 COIL	
		use with DO3	
11	45913GT	NUT,DO1 VALVE	12
		use with DO1	
11-	48649GT	NUT-D03 COIL	
		use with DO3	
12	27807GT	VALVE,CHECK***	5
13	27802GT	VALVE,DIFFERENTIAL SENSING***	2
14	32765GT	VALVE,RELIEF	1
15	52415GT	VALVE,RELIEF,2200 PSI***	1
16	45921GT	RETAINER-N.C.PROPOR.SOLENOID	2
17	45921GT	RETAINER-N.C.PROPOR.SOLENOID	2
18	45914GT	O-RING, DO1 VALVE	2

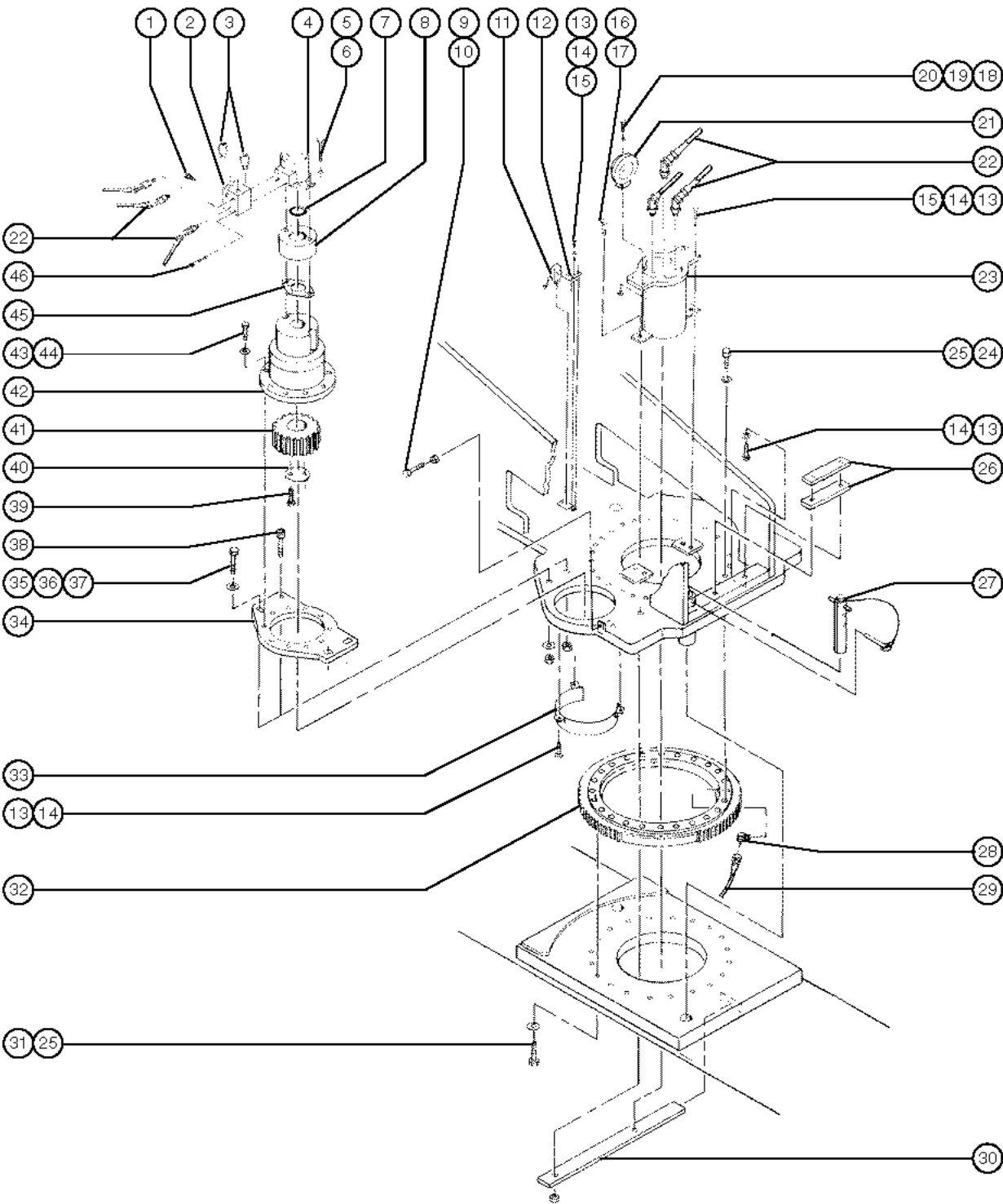
503.1 Function Manifold



503.1 Function Manifold

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
19	21935GT	COIL, 12V, 19972/21623/29069	2
20	27801GT	VALVE,PROPORTIONAL SOLENOID*** includes 1 each index numbers 16-19	2
21	27803GT	VALVE,SOLENOID	1
21-	27814GT	COIL,SOLENOID,10V	1
21-	52943GT	NUT, SOLENOID VALVE COIL	1
22	31100GT	VALVE,FLOW REGULATOR 0.6GPM	2
23	27804GT	VALVE,DIFFERENTIAL SENSING***	1
24	31099GT	VALVE, FLOW REGULATOR	1
25	48997GT	NIPPLE,DIAGNOSTIC,#4	1
25-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
26	48880GT	CAP,DIAGNOSTIC NIPPLE	1
27	32663GT	VALVE,RELIEF 2600 PSI	1
28	34542GT	VALVE,FLOW REGULATOR 5.0 GPM	1

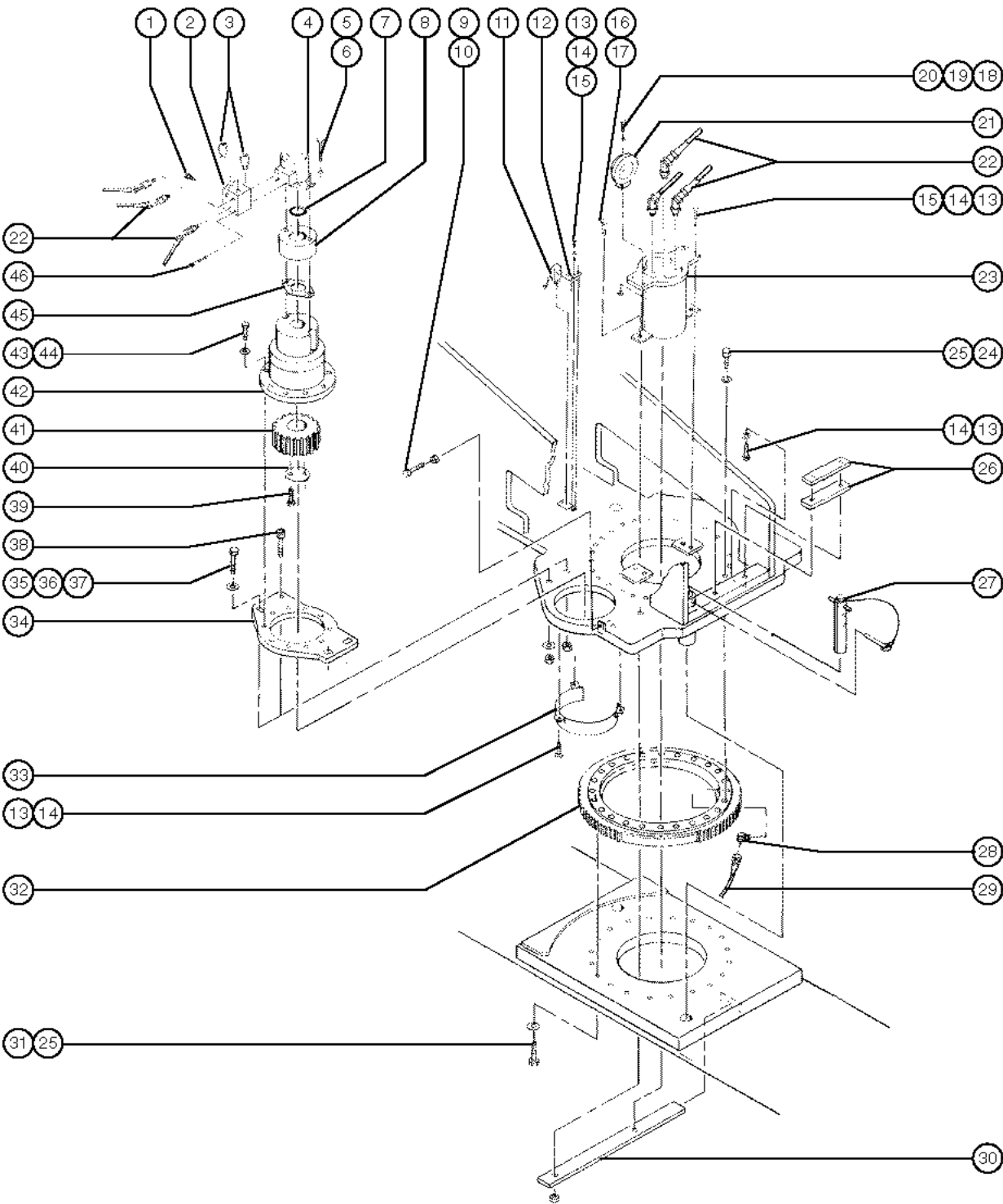
504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation



504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation

Item	Part No.	Description	Qty.
1	45483GT	VALVE,SHUTTLE***	1
2	33446GT	MANIFOLD ASSY,T.T. (34114) includes index numbers 1 and 3	1
2-	31519GT	O-RING (2-114)	1
3	31082GT	VALVE,COUNTERBALANCE 2500 PSI*	2
4	32952GT	MOTOR,TURNTABLE ROT.(34114)*** includes index numbers 1 through 3	1
4-	33445GT	SEAL KIT,DRIVE MOTOR (32952)	1
5	13854GT	SCREW,HHC,1/2-13 X 4.5,GRD.8	2
6	13066GT	WASHER,FLAT,.5 HARDENED	2
7	22811GT	O-RING,MOTOR TO BRAKE*** measures approx 4" x 0.10"	1
8	29422PGT	BRAKE,S6O SWING/Z45 DRIVE includes index numbers 7 and 45	1
8-	29291GT	SEAL KIT,MICO	1
8-	29292GT	BRAKE,LINING KIT,MICO	1
8-	29293GT	BEARING KIT,MICO	1
9	5224GT	SCREW,HHC,3/8-16 X 2	1
10	4828GT	NUT, NYLOCK, 3/8-16	1
11	96948GT	SWITCH, LIMIT, W/ROLLER ARM***	1
11-	19491GT	CONTACTOR,LIMIT SWITCH	1
11-	97128GT	ROLLER ARM,LIMIT SWITCH***	1
12	53632P-SGT	BRKT,LIM SW,DRIVE ENBL,PAINTED	1
13	6090GT	SCREW, HHC, 1/4-20 X .75	7
14	6356GT	WASHER,LOCK,.25	7
15	6638GT	WASHER, FLAT, USS, 1/4"Y	2
16	8177GT	SCREW,HHC,1/2-13 X 1.5	2
17	6198GT	NUT, NYLOCK, 1/2-13	2
18	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	4
19	6097GT	WASHER, FLAT, USS, 3/8", Y	4
20	4828GT	NUT, NYLOCK, 3/8-16	4
21	56264GT	HORN,12V SCREW TERMINAL ***	1

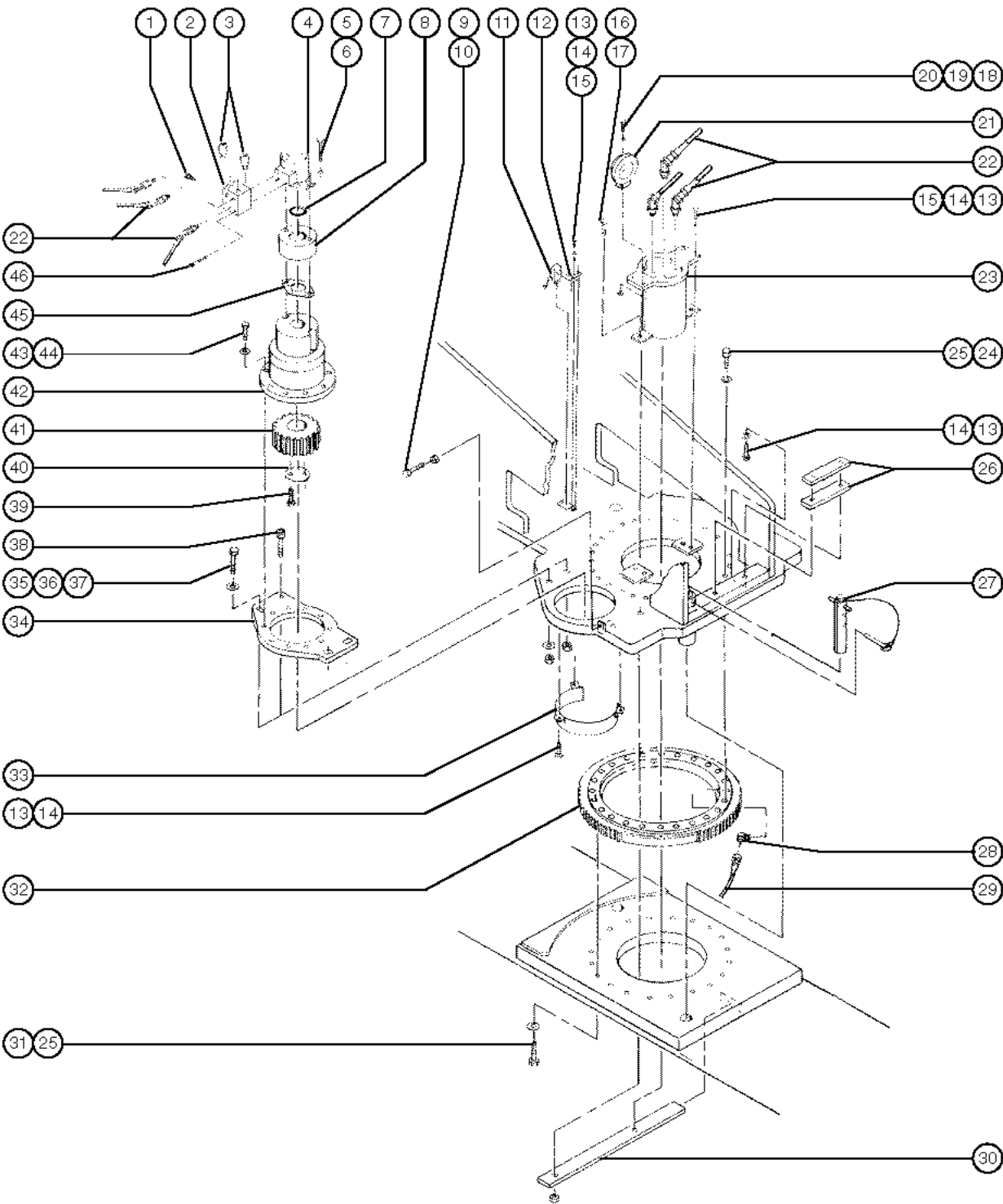
504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation



504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation

Item	Part No.	Description	Qty.
22		Ref. Hydraulic Hoses & Fittings (refer to figure 509.1)	1
23	44368GT	HYDRAULIC SWIVEL,9 PORT,S80*** 44368 no longer available; for replacement, order 1293481, below (to SN 785)	1
23-	44612GT	SEAL KIT,SWIVEL (44368)*** for swivel 44368 (with stamp 800191B on bottom of rotator) (to SN 785)	
23-	37405GT	SEAL KIT,HYD SWIVEL (37402)*** for swivel 37402 (with stamp 800172B on bottom of rotator) (to SN 785)	
23-	33470GT	SEAL KIT,HYD ROTARY COUPLER for swivel 34203 (with stamp 800145B on bottom of rotator) (to SN 785)	1
23B	48541GT	HYD.SWIV.,9PORT S60,Z60	
		from SN 786	
23B-	49528GT	SEAL KIT,SWIVEL (48541)	
		for 48541	
23C	1293481GT	SWIVEL,HYDRAULIC,9PORT,S80,LDI	
23C-	1293485GT	SEAL KIT,SWIVEL,HYD (1293481)	
		for 1293481	
24	20654GT	SCREW,SHC,5/8-11 X 3.50,A574	30
25	13064GT	WASHER,FLAT,.625 HARDENED	48
26	25635GT	PAD,NYLON-12 X 2 X 0.625 INCH	2
27	33471GT	PIN ASSEMBLY,TURNTABLE ROTAT.	1
27-	11637GT	PIN ASSY, RETAINER, SS I & II	1
28	20630GT	ELBOW,070202-4-4	1
29	34562GT	HOSE ASSEMBLY, 177"	1
30	34214PGT	BAR,HYD.SWIVEL MOUNT PAINTED	1
31	21175GT	SCREW,SHC,5/8-11 X 4,A574	18
32	30895GT	BEARING,TURNTABLE	1
32-	227785GT	BEARING TURNTABLE SEAL ***	
33	73862GT	FORMING,PINION GUARD	1
34	34330GT	PLATE,BACKLASH ADJUSTMENT	1
35	34347GT	SCREW,HHC,3/4-10 X 4.5	3
36	33278GT	WASHER, FLAT, .75 HARDENED	3
37	10258GT	NUT,NYLOCK,3/4-10,GRD.2	3
38	34710GT	SCREW,SHS,5/8-11 X 3	1
39	65875GT	SCREW,FHS,1/2-13 X 1 (34363)	2
40	34364GT	RETAINER PLATE	1

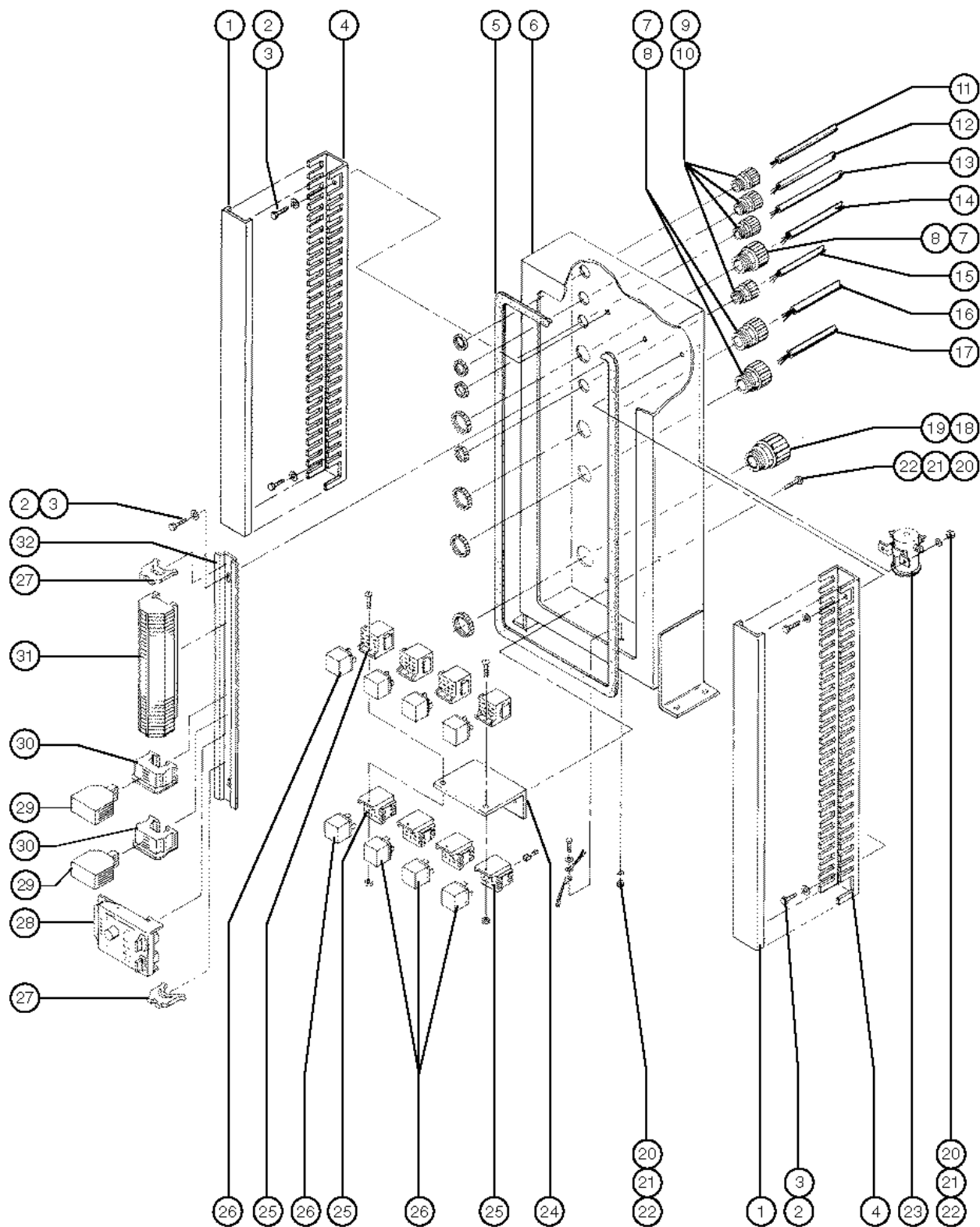
504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation



504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation

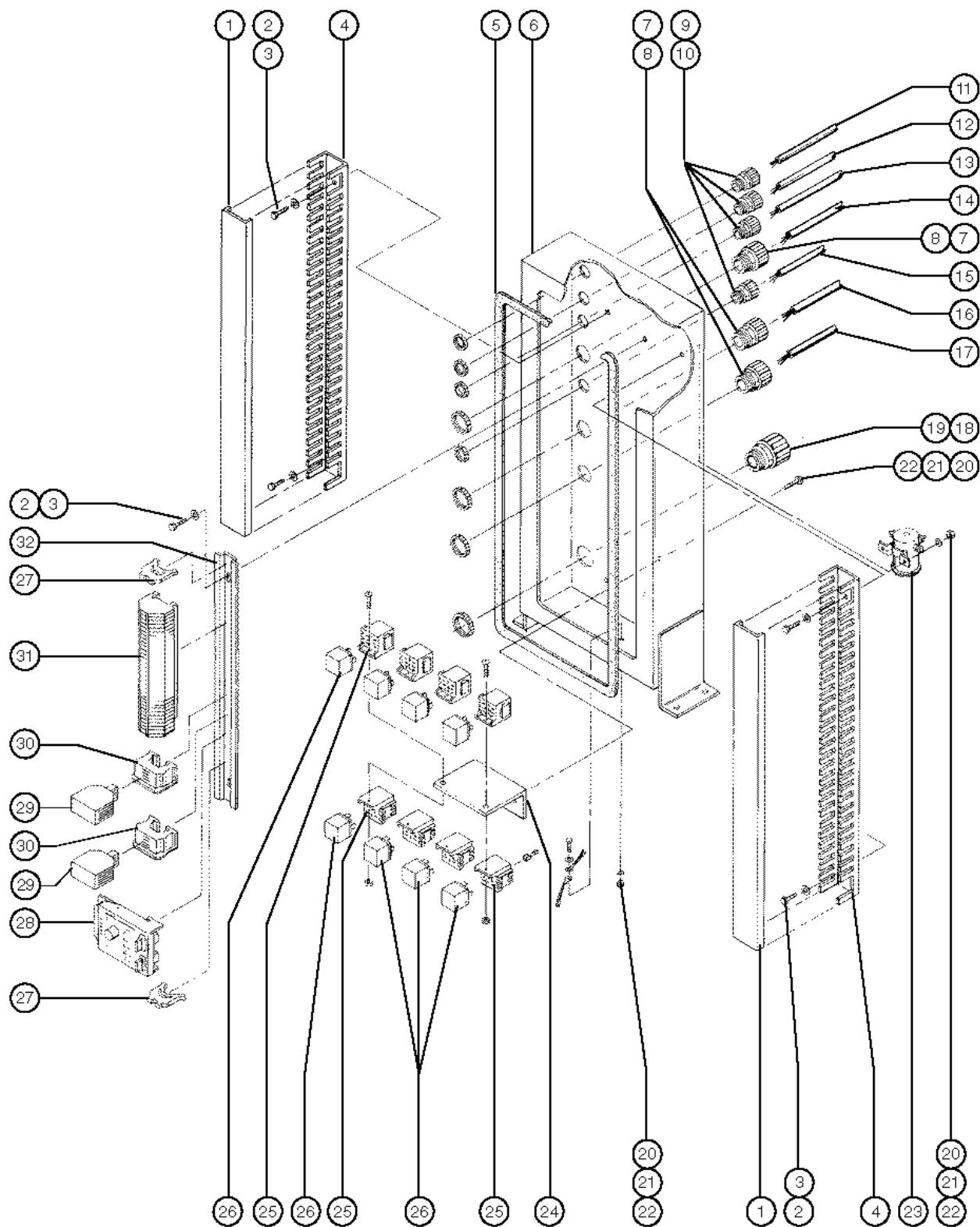
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
41	34363GT	PINION GEAR(SET)	1
42	32953GT	TORQUE HUB,55:1 (34114)	1
42-	33447GT	SEAL KIT,TORQUE HUB (32953)	1
43	33557GT	SCREW,HHC,3/4-10 X 2.00,GR5	10
44	34550GT	WASHER,LOCK,.75 PLTD	13
45	19794GT	GASKET,BRAKE ASSY	1
46		Ref. Screw - SHC, 5/16 -18 x 3 inches	4

505.1 Ground Controls - View 1



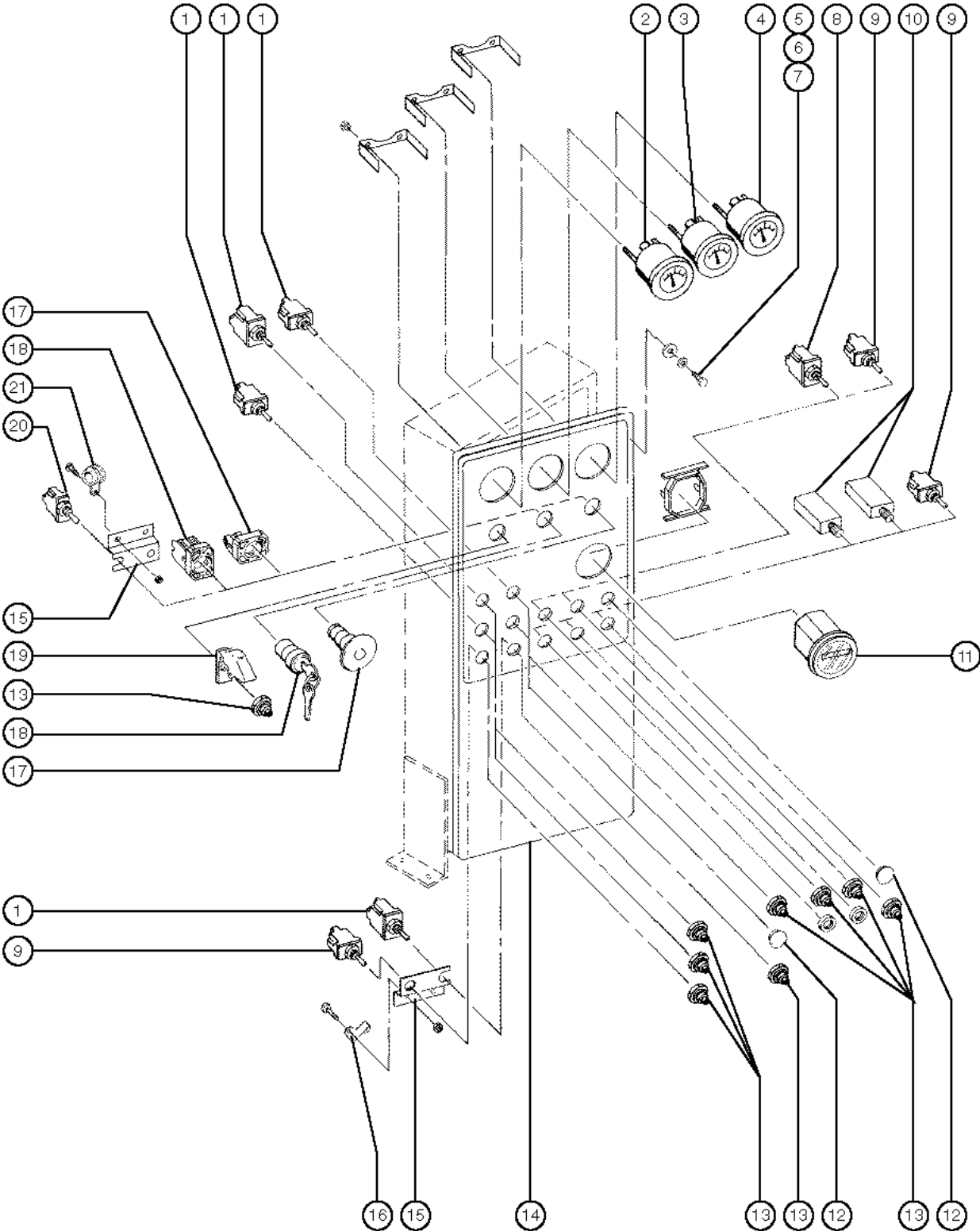
Item	Part No.	Description	Qty.
1	29607GT	WIRING DUCT/COVER, 1 X 72 IN**	46 in ch es
2	6090GT	SCREW, HHC, 1/4-20 X .75	7
3	6356GT	WASHER, LOCK, .25	6
4	29607GT	WIRING DUCT/COVER, 1 X 72 IN**	46 in ch es
5	121599GT	GASKET, GBOX, S80/85 2008	1
6	33472GT	CONTROL BOX W/ DECAL, GROUND	1
		includes index number 5	
7	12960GT	CABLE SQUEEZE CONN., XTRA LRG	3
8	14041GT	LOCKNUT, ELECTRIC, 3/4"	3
9	7056GT	CONN, SQUEEZE, 1/2NPT .38-.50, SM	4
10	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	4
11	6562GT	WIRE CABLE, 16/4 SJO, BULK	270 in ch es
12	6562GT	WIRE CABLE, 16/4 SJO, BULK	220 in ch es
13	6562GT	WIRE CABLE, 16/4 SJO, BULK	95 in ch es
14	35934GT	WIRE CABLE, 18/19 CON. TPRJKT	12 00 in ch es
15	30794GT	WIRE, 12/3 SJEOW, BK-WH-GR/YL	12 00 in ch es
16	35934GT	WIRE CABLE, 18/19 CON. TPRJKT	12 00 in ch es
17	35934GT	WIRE CABLE, 18/19 CON. TPRJKT	68 in ch es
18	20776GT	CABLE SQUEEZE CONN	1
19	18665GT	LOCKNUT, ELECTRIC, 1" NPT	1
20	6888GT	SCREW, HHC, 1/4-20 X 1	5
21	6638GT	WASHER, FLAT, USS, 1/4"Y	5

505.1 Ground Controls - View 1



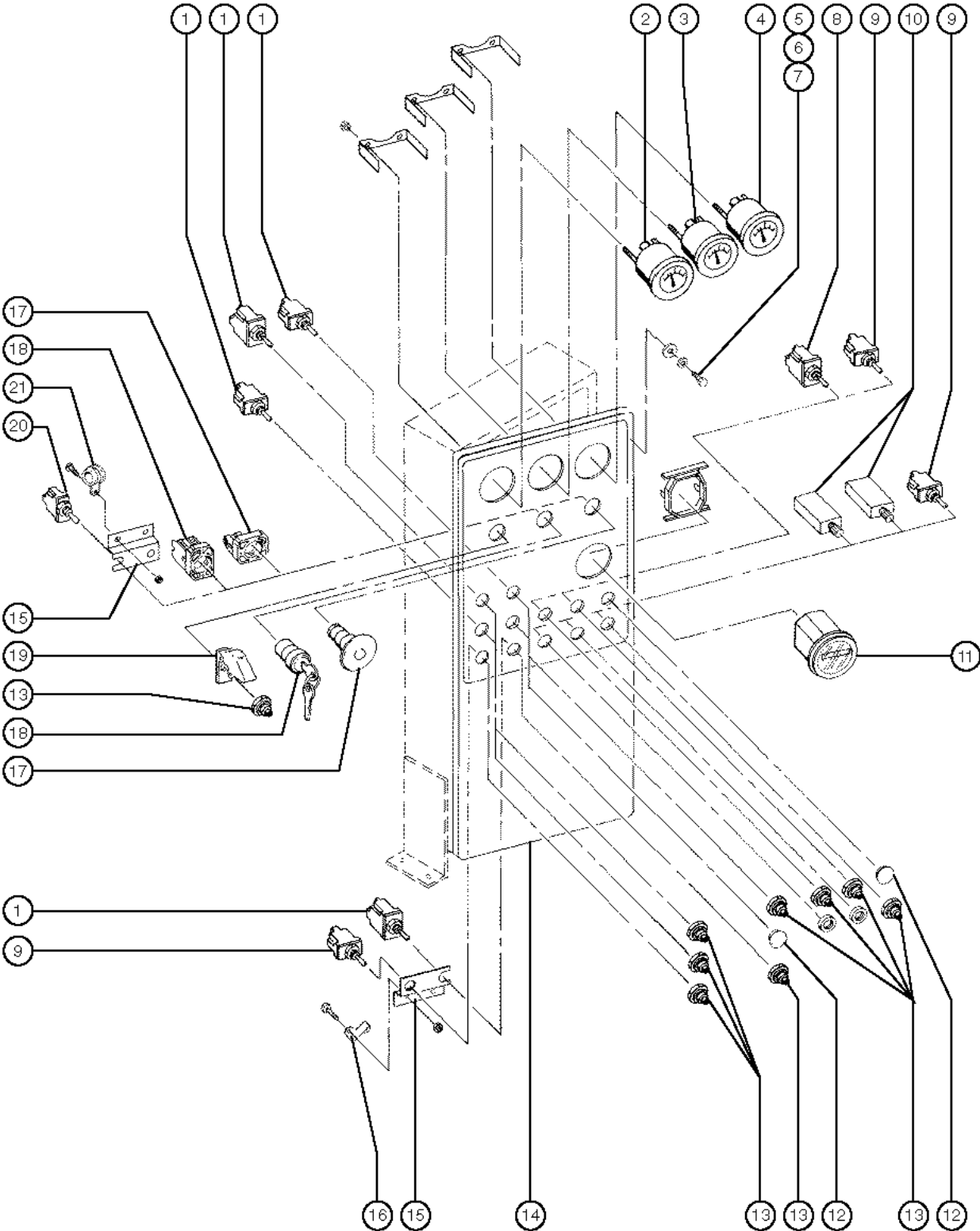
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
22	6091GT	NUT,NYLOCK,1/4-20	5
23	27155GT	SOLENOID,12V CONTINUOUS***	1
24	34057GT	ANGLE,RELAY MOUNTING	1
25	34053GT	ASSY,RELAY SOCKET, AUTO Gasoline/LPG models; terminals not included	8
25-	34053GT	ASSY,RELAY SOCKET, AUTO Deutz Diesel models; terminals not included	5
25-	34054GT	TERM,RELAY N-INSULATED 10-12 G	5
25-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	5
25-	34056GT	TERM,RELAY,N-INSULATE 18-20 GA	5
26	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Gasoline/LPG models	8
26-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Deutz Diesel models	5
27	25974GT	PLASTIC END STOP	2
28	56057GT	MODULE,IGNITION/START,12/24V	1
28-	33551GT	FUSE,3 AMP	1
29	25807GT	DIODE BLOCK SUPPRESSION	2
30	25808GT	CARRIER TERMINAL(5 PER BLOCK)	2
31	25836GT	TERMINAL BLOCK(SINGLE),WAGO***	50
31-	56445GT	DIODE,6 AMP 200 PIV,REEL	
32	28310GT	DIN RAIL,23.75"	1

506.1 Ground Controls - View 2



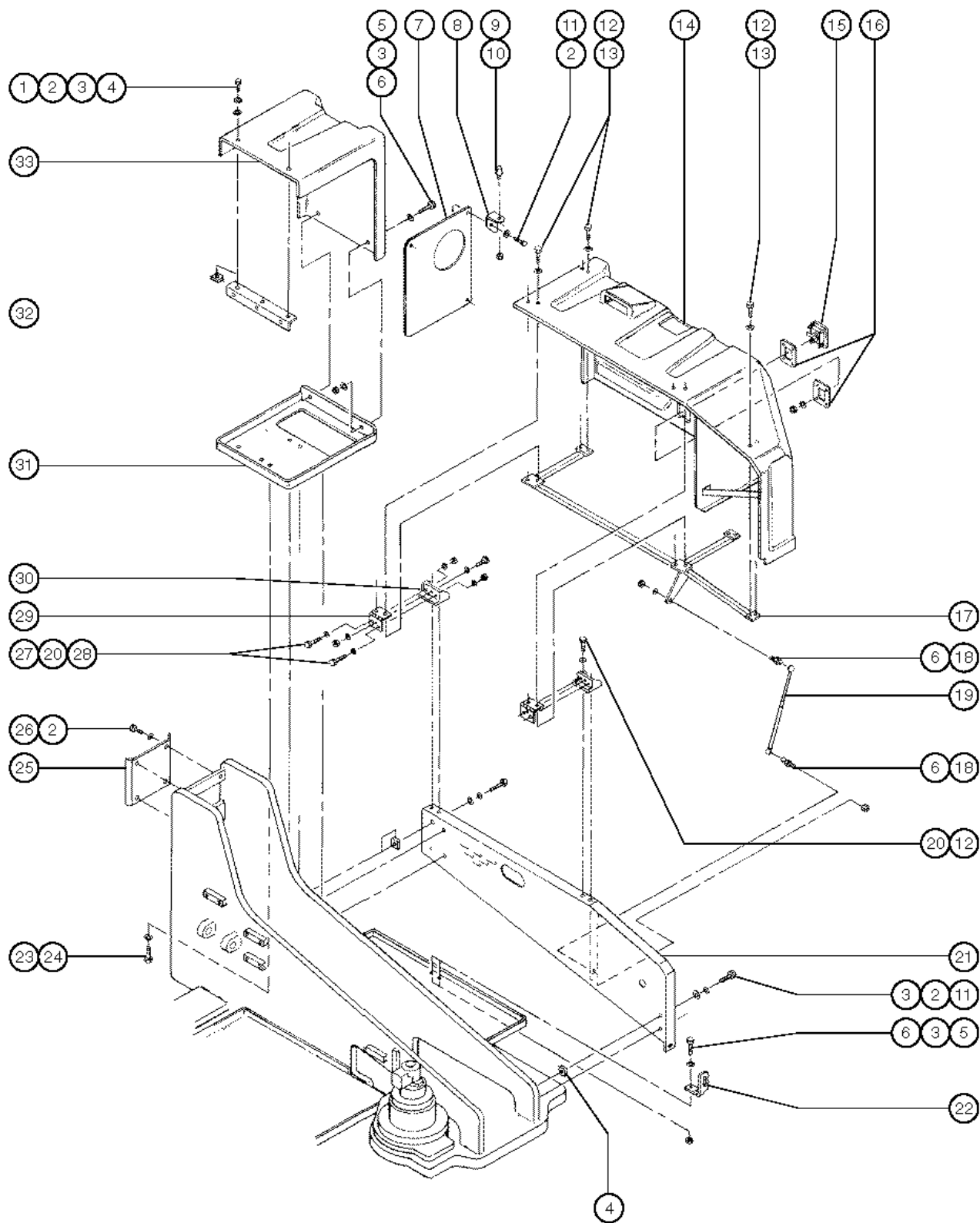
Item	Part No.	Description	Qty.
1	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM includes mounting fasteners	4
2	53759-SGT	GAUGE,WATER TEMP includes mounting bracket	1
3	53758-SGT	GAUGE,OIL PRESSURE W/O SENDER includes mounting bracket	1
4	53761-SGT	GAUGE,VOLTAGE includes mounting bracket	1
5	6090GT	SCREW, HHC, 1/4-20 X .75	3
6	6356GT	WASHER,LOCK,.25	3
7	6638GT	WASHER, FLAT, USS, 1/4"Y	3
8	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners	1
9	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners	3
10	147094GT	ASSY, CIRCUIT BREAKER 15A includes mounting fasteners	2
11	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
12	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	2
13	27246GT	BOOT,TOGGLE SWITCH,SHORT*	9
14	33472GT	CONTROL BOX W/ DECAL,GROUND	1
14-	121599GT	GASKET,GBOX,S80/85 2008	1
15	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	2
16	27287GT	RESISTOR,10 OHM,25 WATT	1
17	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
17-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
17-	66818GT	CONTACT,NC includes 2 each N.C. Contacts	1
17-	66821GT	BASE,WITHOUT CONTACTS	1
17-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
18	122512GT	KIT,KEYSWITCH SVC BB & SM BOOM (ANSI, CSA and Australia models), includes parts 66811, 66821, 66816and 122366KEYSWITCH,CONTACTS LOCK	1
18-	122606GT	KIT,KEYSWITCH SVC BB&SM CE (CE models)	1
18-	122366GT	KEYSWITCH,CONTACTS LOCK	1
18-	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** includes keyswitch and two keys, not included: base or contacts.	1
18-	66816GT	CONTACT,N.O. ***	1
18-	66821GT	BASE,WITHOUT CONTACTS	1

506.1 Ground Controls - View 2



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
19	13471GT	COVER, AUXILIARY POWER SWITCH	1
20	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM includes mounting fasteners	1
21	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1

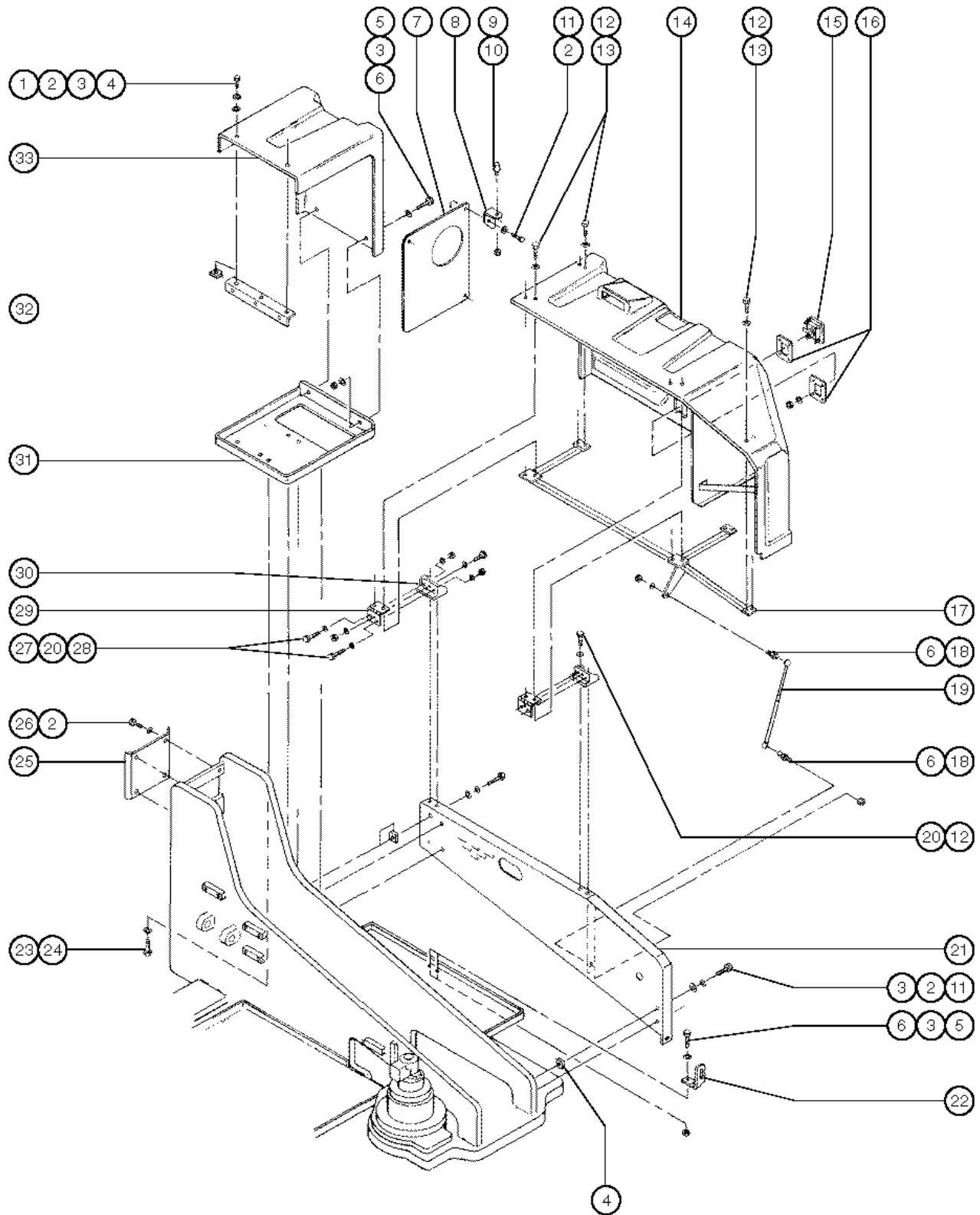
507.1 Turntable Covers - Engine Side



507.1 Turntable Covers - Engine Side

Item	Part No.	Description	Qty.
1	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
2	6021GT	WASHER, LOCK, .375	16
3	6097GT	WASHER, FLAT, USS, 3/8", Y	11
4	29868GT	SPRING CLIP, 3/8-16, .05-.20X.73, ZAG	8
5	6019GT	SCREW, HHC, 3/8-16 X 1.25 GRD 5	3
6	4828GT	NUT, NYLOCK, 3/8-16	8
7	30720PGT	BAFFLE, AIR, FORD, PAINTED	1
		Gasoline/LPG models	
7-	30721PGT	BAFFLE, AIR, DEUTZ, PAINTED	1
		Deutz Diesel models	
8	53033P-SGT	BRKT, TRNTBL, COV ADJ, RH, PAINTED	1
9	30973GT	BUMPER, RUBBER-1 X 1.25	1
10	18504GT	NUT, LOCKING-LG. FLANGE, 1/4-20	1
11	6175GT	SCREW, HHC, 3/8-16 X 1	10
12	8915GT	SCREW, HHC, 1/4-20 X 1.25	12
13	12906GT	WASHER, FENDER, .25 X 1.25 X .062	6
14	32758GT	COVER ASSY, ENGINE, GAS/LPG	1
		Gasoline/LPG models; includes index numbers 15 and 16	
14-	33554GT	COVER ASSY, ENG. SIDE DIESEL**	1
		Deutz Diesel models; includes index numbers 15 and 16	
15	28125GT	LATCH, FLUSH CUP***	2
15-	29314GT	KEY, LATCH, 1 PAIR (28125)	2
15-	33510GT	LOCK PLUG ASSY, (28125)	2
16	28471GT	PLATE, SWING COVER LATCH	4
17	30760GT	COVER SUPPORT WELDMENT RH.	1
18	33555GT	BALL STUD**	2
19	28301GT	GAS STRUT, 250 LBS FORCE***	2
19-	27377GT	RETAINER, GAS SPRING***	2
20	6638GT	WASHER, FLAT, USS, 1/4"Y	16
21	30744GT	COVER SUPPORT WELDMENT RH.	1
22	30277PGT	COVER LATCH ANGLE, PAINTED	2
23	6096GT	SCREW, HHC, 1/2-13 X 2 GR5	2

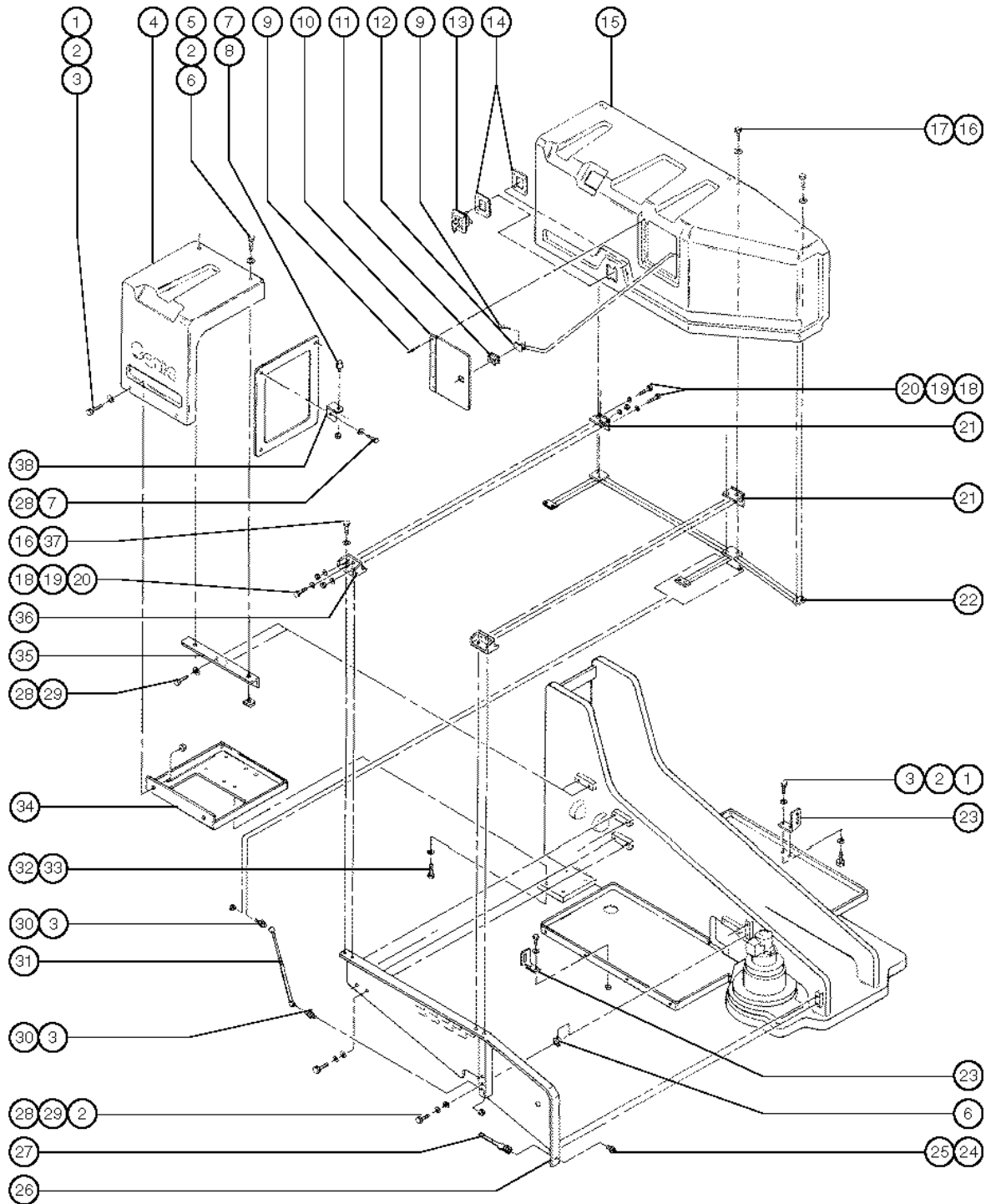
507.1 Turntable Covers - Engine Side



507.1 Turntable Covers - Engine Side

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24	6095GT	WASHER,FLAT,USS,1/2",Y	2
25	34329PGT	COVER,REAR TURNTABLE PNTD	1
26	8255GT	SCREW,HHC,3/8-16 X .75	4
27	6888GT	SCREW, HHC, 1/4-20 X 1	6
28	6091GT	NUT,NYLOCK,1/4-20	6
29	75073GT	HINGE,,375X.120THK.,SLOTTED	2
30	35949P-SGT	BRACKET,COVER HINGE,BLUE	2
31	32426GT	PLATE,TITLBACK HINGE SPACER	1
32	34237PGT	BRACKET,COVER SUPPORT,PAINTED	1
33	30976GT	COVER,COUNTERWEIGHT	1

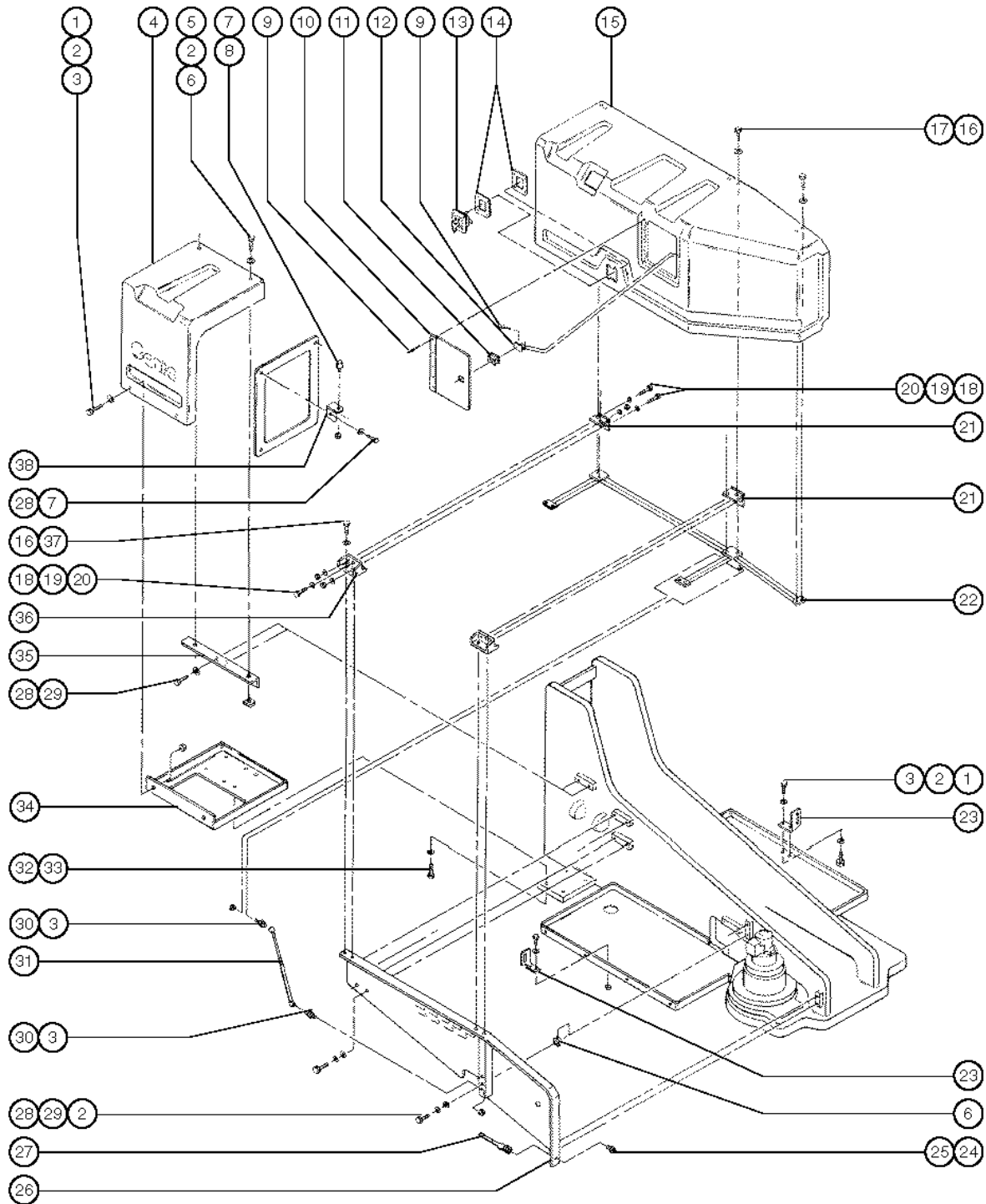
508.1 Turntable Covers - Tank Side



508.1 Turntable Covers - Tank Side

Item	Part No.	Description	Qty.
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
2	6097GT	WASHER, FLAT, USS, 3/8", Y	10
3	4828GT	NUT, NYLOCK, 3/8-16	6
4	30976GT	COVER,COUNTERWEIGHT	1
5	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
6	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	8
7	30973GT	BUMPER,RUBBER-1 X 1.25	1
8	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	1
9	8920GT	RIVET,ALUM,ALUM,P,.156 X .375	7
10	30751GT	COVER,LOWER CONTROL BOX--GRAY	1
11	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	1
12	30486GT	DOOR CATCH,BASE CONTROL BOX	1
13	28125GT	LATCH,FLUSH CUP***	2
13-	29314GT	KEY,LATCH, 1 PAIR (28125)	2
13-	33510GT	LOCK PLUG ASSY, (28125)	2
14	28471GT	PLATE,SWING COVER LATCH	4
15		COVER ASSY,TANK SIDE,T.TABLE (no longer available)	1
16	8915GT	SCREW, HHC, 1/4-20 X 1.25	12
17	12906GT	WASHER,FENDER,.25 X 1.25 X.062	6
18	6888GT	SCREW, HHC, 1/4-20 X 1	6
19	6638GT	WASHER, FLAT, USS, 1/4"Y	16
20	6091GT	NUT,NYLOCK,1/4-20	6
21	75073GT	HINGE,.375X.120THK.,SLOTTED	2
22	30759GT	COVER SUPPORT WELDMENT LH.	1
23	30277PGT	COVER LATCH ANGLE,PAINTED	2
24	30430GT	BULKHEAD,FEMALE X 4	1
25	28646GT	ZERK,GREASE,1/8 NPT	1
26	30743GT	COVER SUPPORT WELDMENT LH.	1

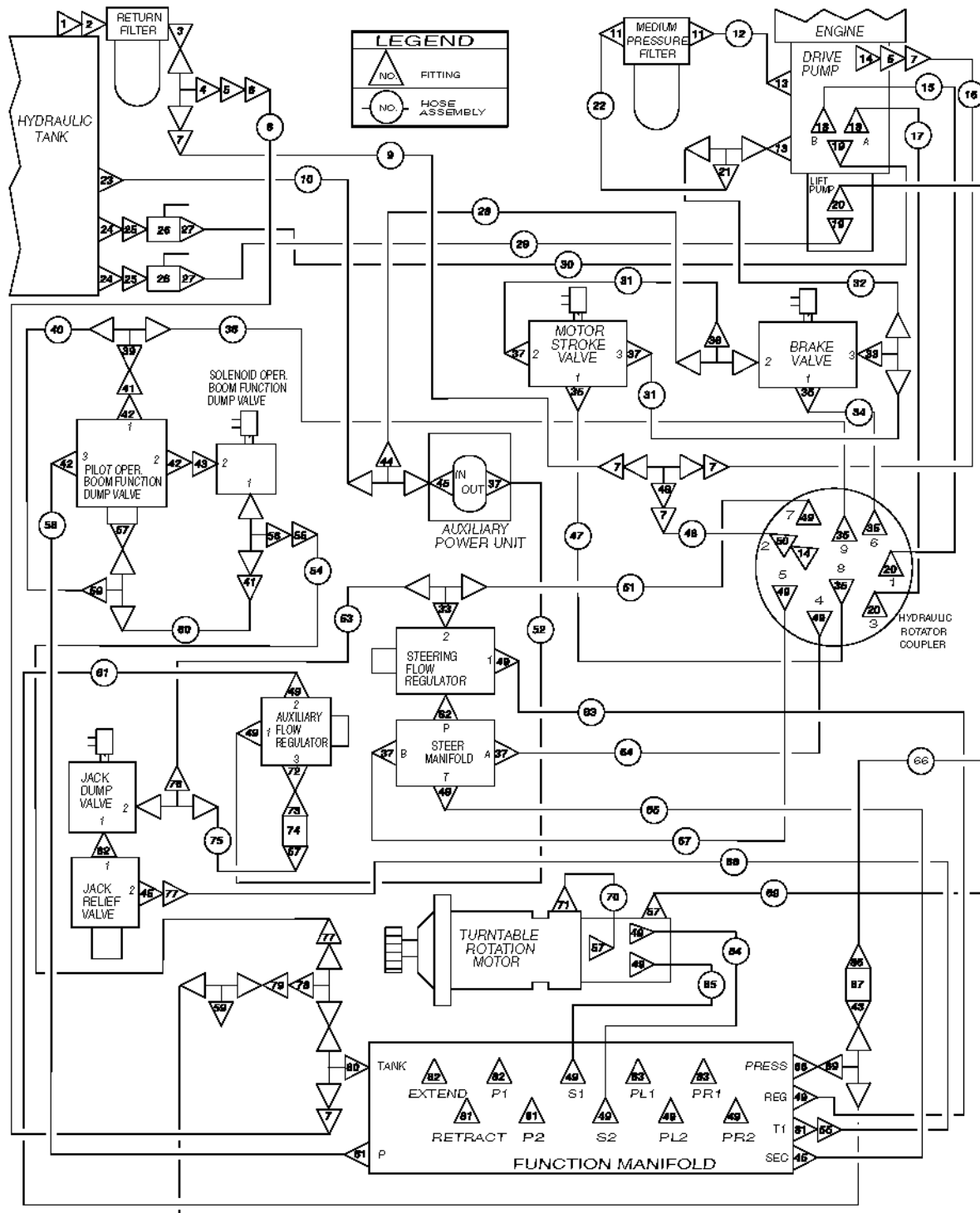
508.1 Turntable Covers - Tank Side



508.1 Turntable Covers - Tank Side

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
27	30886GT	HOSE ASSEMBLY,19"	1
28	6175GT	SCREW,HHC,3/8-16 X 1	10
29	6021GT	WASHER, LOCK, .375	6
30	33555GT	BALL STUD**	2
31	28301GT	GAS STRUT,250 LBS FORCE***	2
31-	27377GT	RETAINER,GAS SPRING***	2
32	6096GT	SCREW,HHC,1/2-13 X 2 GR5	4
33	6095GT	WASHER,FLAT,USS,1/2",Y	4
34	32426GT	PLATE,TITLBACK HINGE SPACER	1
35	34237PGT	BRACKET,COVER SUPPORT,PAINTED	1
36	35949P-SGT	BRACKET,COVER HINGE,BLUE	2
37	6356GT	WASHER,LOCK,.25	4
38	30965PGT	BRACKET,T.T.COVER ADJ.LH,PNTD.	1

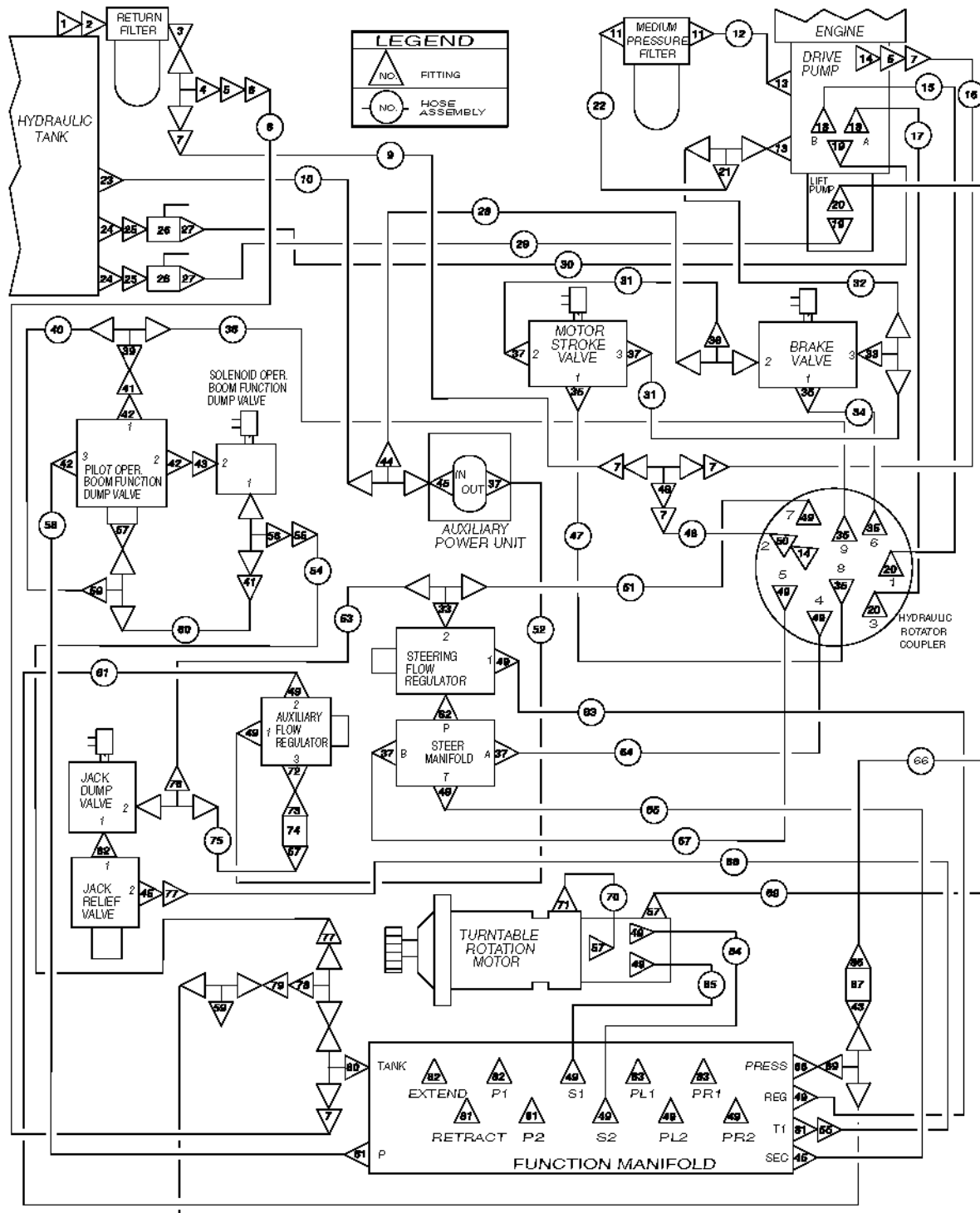
509.1 Hydraulic Hoses and Fittings



509.1 Hydraulic Hoses and Fittings

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	30342GT	ELBOW,140238-16-16	1
2	30343GT	NIPPLE,HEX,140137-16	1
3	27202GT	ELBOW,070202-12-16	1
4	20326GT	TEE,RUN,070432-12	1
5	20022GT	ELBOW,070221-12-12	2
6	45359GT	HOSE END,BARBED,SWIVEL,-12-12	1
7	45170GT	HOSE END,BARBED,SWIVEL,-12-12	6
8	34563GT	HOSE ASSEMBLY, 17"	1
9	34565GT	HOSE ASSEMBLY, 45"	1
10	34559GT	HOSE ASSEMBLY, 24.5"	1
11	25951GT	ELBOW,070220-8-12	2
12	30861GT	HOSE ASSEMBLY,36.50"	1
13	22665GT	CONNECTOR,070120-8-10	2
14	19687GT	CONNECTOR,070120-12-12	2
15	34592GT	HOSE ASSEMBLY, 40"	1
16	34566GT	HOSE ASSEMBLY, 42"	1
17	34593GT	HOSE ASSEMBLY, 43.5"	1
18	30831GT	ELBOW,070320-12-16	2
19	20709GT	CONNECTOR,070120-16-16	2
20	22099GT	ELBOW,070320-12-12	3
21	21252GT	TEE,RUN,070432-8	1
22	30958GT	HOSE ASSEMBLY,32"	1
23	10355GT	CONNECTOR,070102-6-6	1
24	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
25	27191GT	ELBOW,140339-16-16	2
26	30347GT	VALVE,BALL,1" MPT X FPT	2
27	45166GT	HOSE END,BARBED RIGID-16-16	2
28	34580GT	HOSE ASSEMBLY, 54"	1

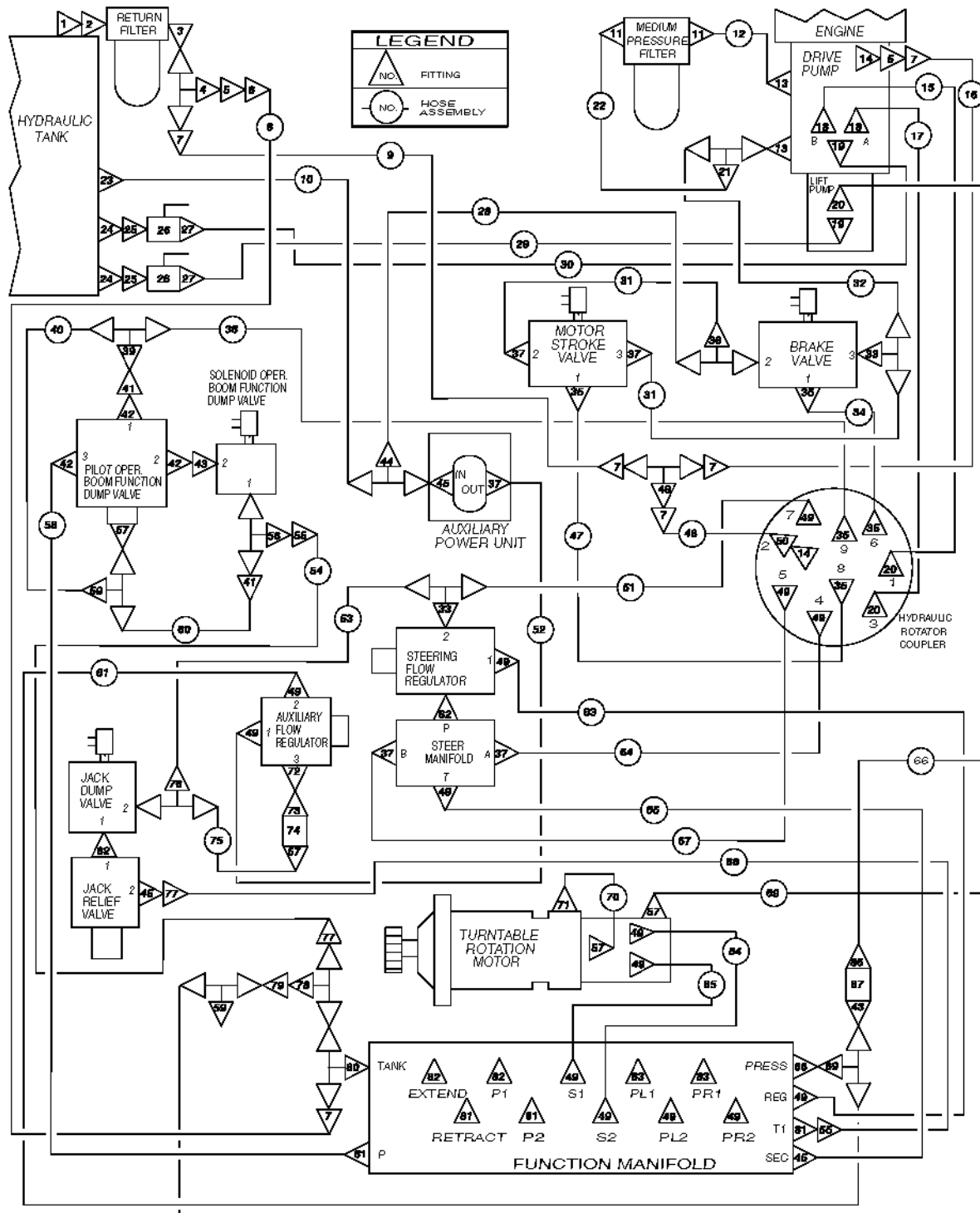
509.1 Hydraulic Hoses and Fittings



509.1 Hydraulic Hoses and Fittings

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29	34555GT	HOSE ASSEMBLY, 54"	1
30	34556GT	HOSE ASSY,50"	1
31	34621GT	FLARE TUBE ASSEMBLY,SOLENOID	2
32	34576GT	HOSE ASSEMBLY, 41"	1
33	45705GT	TEE,BRANCH,070429-6-6	2
34	34583GT	HOSE ASSEMBLY, 29.5"	1
35	13756GT	CONNECTOR,070120-4-6	5
36	37870GT	FITTING-6 W/.025 ORIFICE	1
37	13120GT	ELBOW,070220-6-6	5
38	34568GT	HOSE ASSEMBLY, 54"	1
39	34616GT	Fitting - Branch Tee, 4 SAE x 4 JIC (SAE 070433) with 0.025 inch orifice	1
40	34569GT	HOSE ASSEMBLY, 21.5"	1
41	20711GT	REDUCER,070123-8-4	2
42	27431GT	CONNECTOR,070120-8-12	3
43	31797GT	ADAPTER,6402-8-8	2
44	45366GT	TEE,RUN,070432-6-6	1
45	18687GT	CONNECTOR,070120-6-8	3
46	28445GT	TEE,UNION,070401-12	1
47	34571GT	HOSE ASSEMBLY, 37"	1
48	34564GT	HOSE ASSEMBLY, 11"	1
49	45412GT	CONNECTOR,070120-6-6	14
50	20716GT	ELBOW,070321-12-12	1
51	34567GT	HOSE ASSEMBLY, 47"	1
52	34579GT	HOSE ASSEMBLY, 20"	1
53	34572GT	HOSE ASSEMBLY, 13"	1
54	34587GT	HOSE ASSEMBLY, 19"	1
55	28597GT	HOSE END,BARBED,SWIVEL,90DEG-8	2
56	20334GT	TEE,RUN,070428-8	1

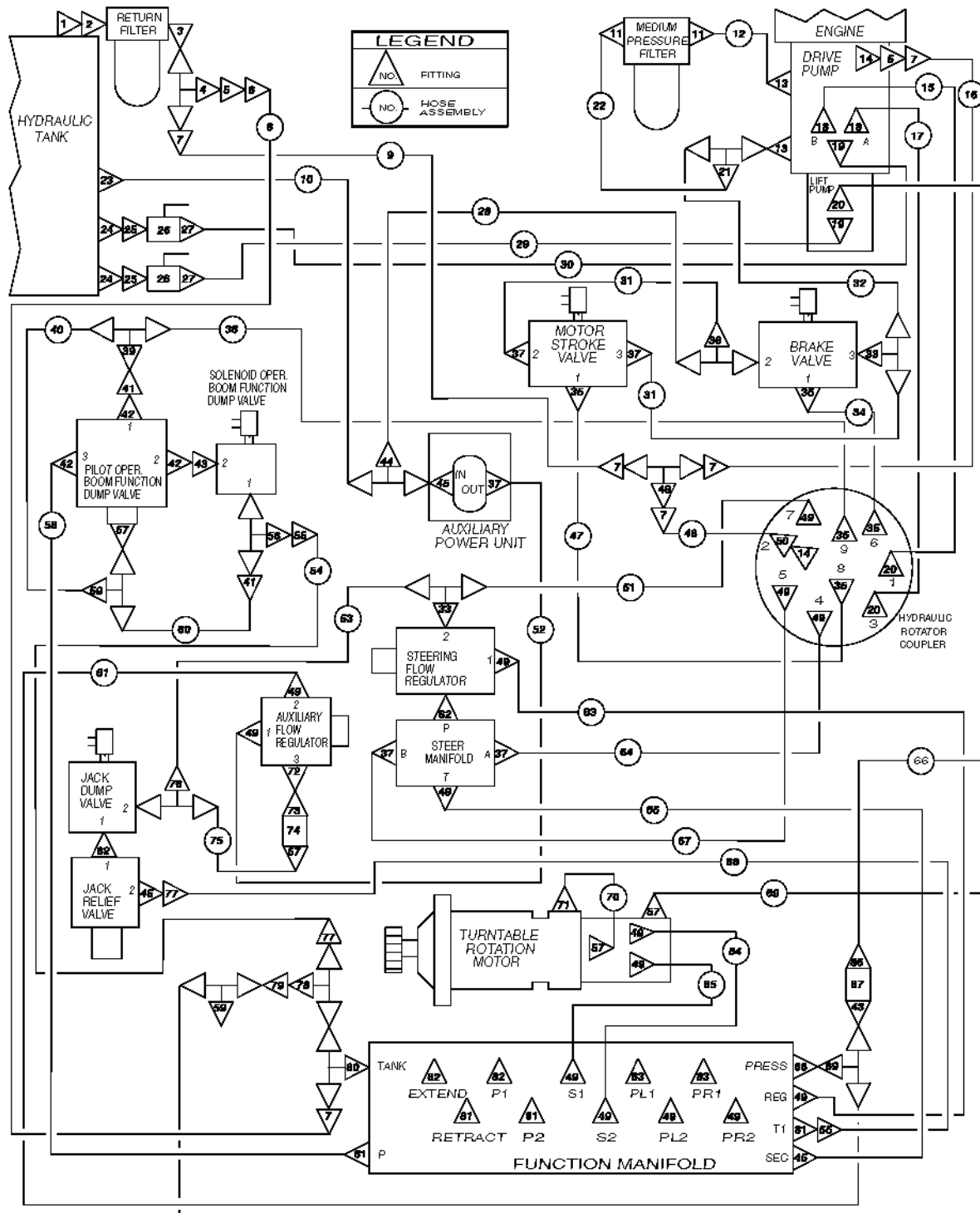
509.1 Hydraulic Hoses and Fittings



509.1 Hydraulic Hoses and Fittings

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
57	13755GT	CONNECTOR,070120-4-4	4
58	34786GT	HOSE ASSEMBLY, 22"	1
59	13757GT	TEE,RUN,070432-4	2
60	34586GT	HOSE ASSEMBLY, 10"	1
61	34708GT	HOSE ASSEMBLY, 20"	1
62	30877GT	ADAPTER,STR.THRD.TO STR.THRD.	2
63	34581GT	HOSE ASSEMBLY, 37.75"	1
64	34577GT	HOSE ASSEMBLY, 47"	1
65	34584GT	HOSE ASSEMBLY, 32"	1
66	34557GT	HOSE ASSEMBLY, 62"	1
67	34578GT	HOSE ASSEMBLY, 41"	1
68	34573GT	HOSE ASSEMBLY, 18"	1
69	34560GT	HOSE ASSEMBLY, 18.5"	1
70	30867GT	HOSE ASSEMBLY,16.75"	1
71	13921GT	ELBOW,070220-4-4	1
72	12340GT	ELBOW,070220-4-6	1
73	13902GT	ADAPTER,6402-4-4	1
74	34643GT	VALVE,CHECK,#4 O-RING PORTS	1
75	34711GT	HOSE ASSEMBLY, 16"	1
76	13119GT	TEE,RUN,070428-6-6	1
77	20324GT	HOSE END,BARBED,SWIVEL,-8-8	2
78	22975GT	TEE,RUN,070432-10	1
79	30876GT	REDUCER,070123-10-4	1
80	30875GT	TEE,BRANCH,070429-10-10	1
81	45703GT	CONNECTOR,070120-8-8	4
82	32156GT	CONNECTOR,070122-8-8	2
83	45412GT	CONNECTOR,070120-6-6	2
84	34575GT	HOSE ASSEMBLY, 14.5"	1

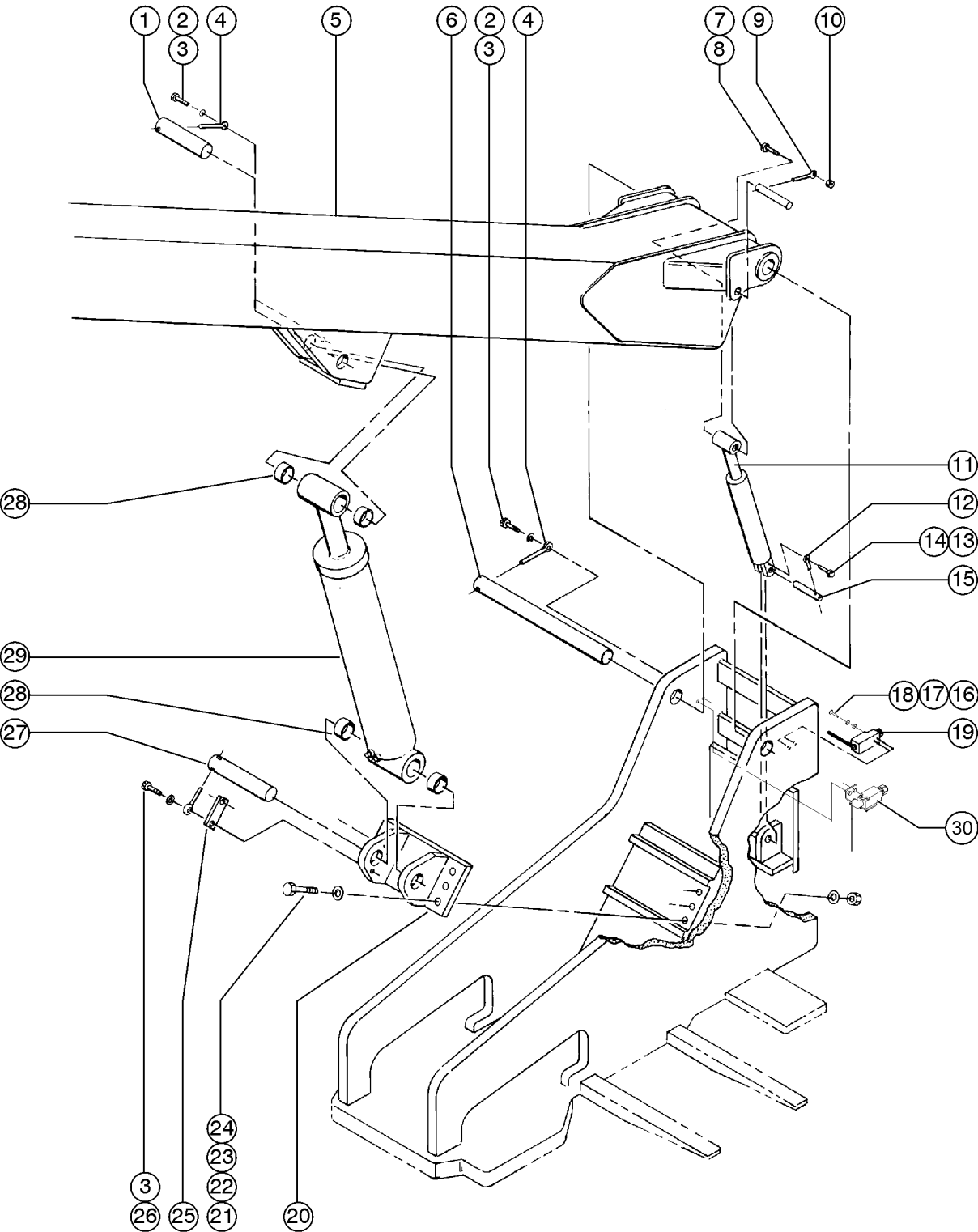
509.1 Hydraulic Hoses and Fittings



509.1 Hydraulic Hoses and Fittings

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
85	34574GT	HOSE ASSEMBLY, 16"	1
86	29897GT	ELBOW,070320-12-8	1
87	31798GT	VALVE,CHECK,#8 O-RING PORTS	1
88	27192GT	ADAPTER,O-RING,G6410-10-8	1
89	22540GT	TEE,BRANCH,070429-8-8	1

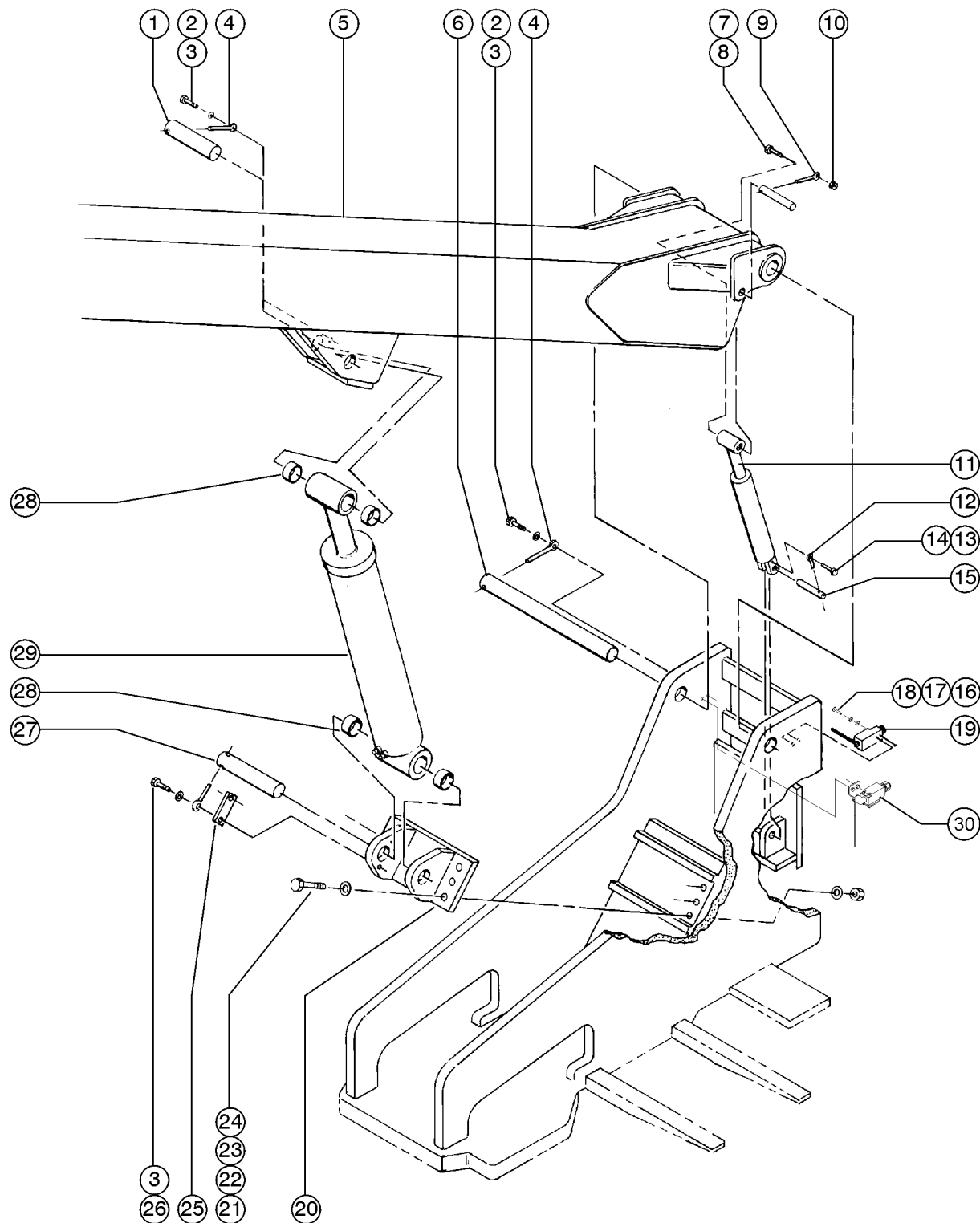
601.1 Boom Lift and Master Leveling Cylinder Installation



601.1 Boom Lift and Master Leveling Cylinder Installation

Item	Part No.	Description	Qty.
1	34269GT	PIN,2.50DIAX13.75LG,1HOLE	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	2
3	6033GT	WASHER,LOCK,0.5"	3
4	1256267GT	ROD END,.5 X 3.75,ZAG	2
5		Ref. Boom Installation (refer to figures 602.1 or 603.1)	2
6	34271GT	PIN,2.50DIAX29.13LG,1HOLE	1
7	8516GT	SCREW, HCC, 3/8-16 X 1.50	1
8	4828GT	NUT, NYLOCK, 3/8-16	1
9	825019GT	ROD END, .375X3.69, ZAG	1
10	34270GT	PIN,1.25DIAX6.62LG,1HOLE	1
11	34117GT	CYLINDER,MASTER,S80,NON-JIB	1
11-	31078GT	SEAL KIT,HYDRAULIC CYLINDER*** to SN 112	1
11-	25683GT	BEARING,POLYGON,20DU12	1
11-	63209GT	CYLINDER,MASTER*** from SN 113	1
11-	33487GT	SEAL KIT,HYDRAULIC CYLINDER*** from SN 113	1
11-	25683GT	BEARING,POLYGON,20DU12	
12	1255452GT	ROD END,.375 X 2.25,ZAG	1
13	6175GT	SCREW,HHC,3/8-16 X 1	1
14	6021GT	WASHER, LOCK, .375	1
15	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
16	16486GT	SCREW,RHM,10-32 X 1.75	2
17	6607GT	WASHER,LOCK,#10 PLTD	2
18	6146GT	WASHER,FLAT,MS,#10,Y	2
19	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM	1
19-	19491GT	CONTACTOR,LIMIT SWITCH	
19-	106433GT	LS SPRING WAND (ZCY91)	
20	34324GT	WELDMENT, CYLINDER MOUNTING	1
21	34347GT	SCREW,HHC,3/4-10 X 4.5	6

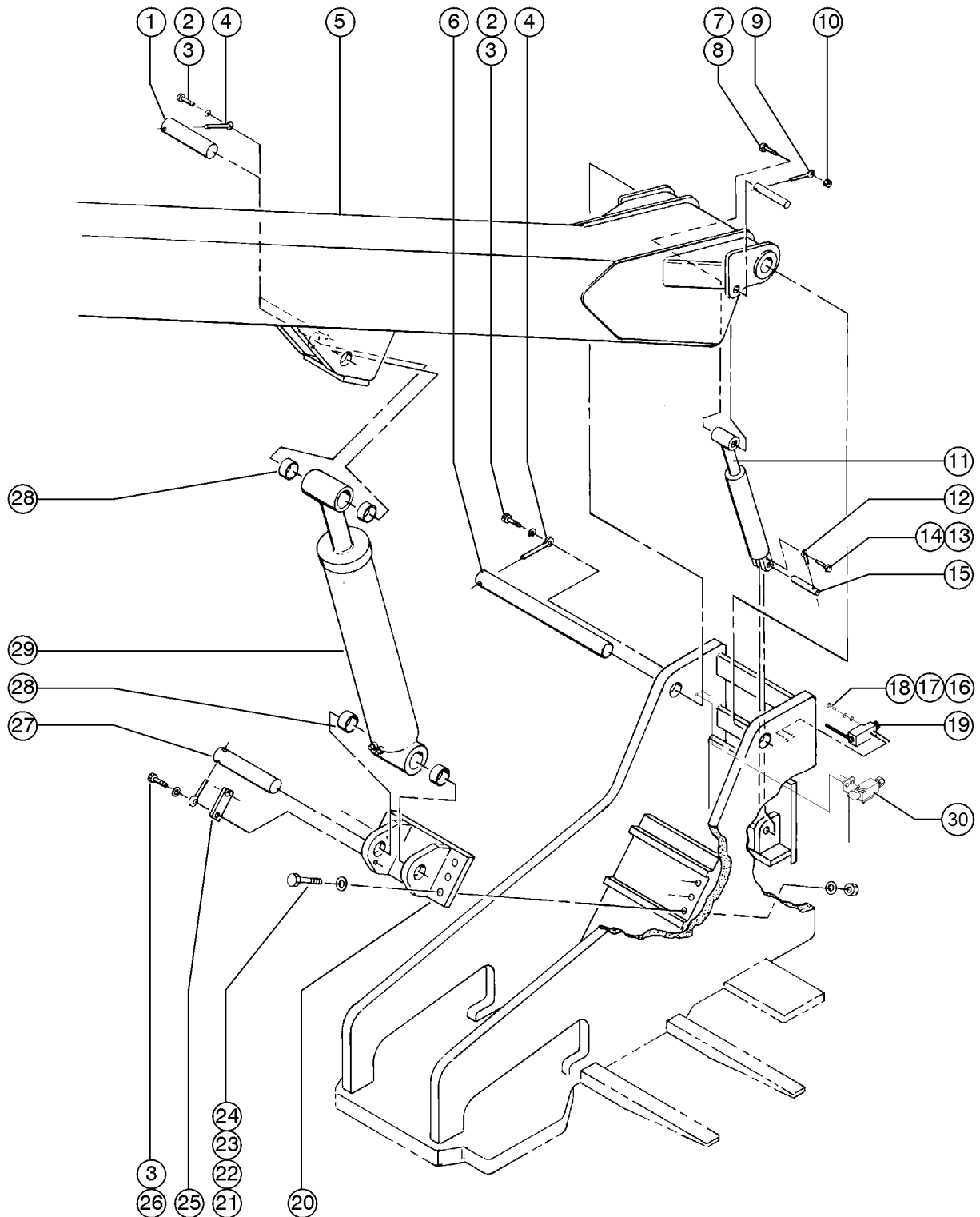
601.1 Boom Lift and Master Leveling Cylinder Installation



601.1 Boom Lift and Master Leveling Cylinder Installation

Item	Part No.	Description	Qty.
22	34550GT	WASHER, LOCK, .75 PLTD	6
23	33278GT	WASHER, FLAT, .75 HARDENED	6
24	10258GT	NUT, NYLOCK, 3/4-10, GRD.2	6
25	34607PGT	PLATE, PIN RETAINER PAINTED	1
26	10597GT	SCREW, HHC, 1/2-13 X 1.25 GR5	1
27	34272GT	PIN, PRI. CYL./PRI. SUB-WELD	1
28	33505GT	BEARING, GARLOCK, 40DU26	4
29	63204GT	CYLINDER, LIFT, S80*** (includes index number 28); Replaces previous cylinders 30978, 37210, and 35653 (no longer available). Must order cylinder 63204 with retrofit kit 65782	1
29-	65782GT	KIT, DESCENT, CB VALVE-S60/80/85 (use if replacing cylinder 30978 or 37210 or 35653 with cylinder 63204)	
29-	63344GT	SEAL KIT, CYL, S80 (63204) (for cylinder part number 63204)	
29-	63344GT	SEAL KIT, CYL, S80 (63204) (for cylinder part number 63204)	
29-	37498GT	SEAL KIT, S80 LIFT CYL. (35653) (for cylinder part number 35653)	
30	88903GT	KIT, INSTALLATION LS2A	1
30-	88356-127J3GT	SWITCH, LIMIT, W/6.25" SPRING AR from SN 439	
30-	106100GT	FORMING, LIMIT SWITCH BRACKET from SN 439	
30-	19491GT	CONTACTOR, LIMIT SWITCH from SN 439	
30-	43960GT	WIRE CABLE, 16/4 CON. TPE JKT from SN 439	204 in ch es

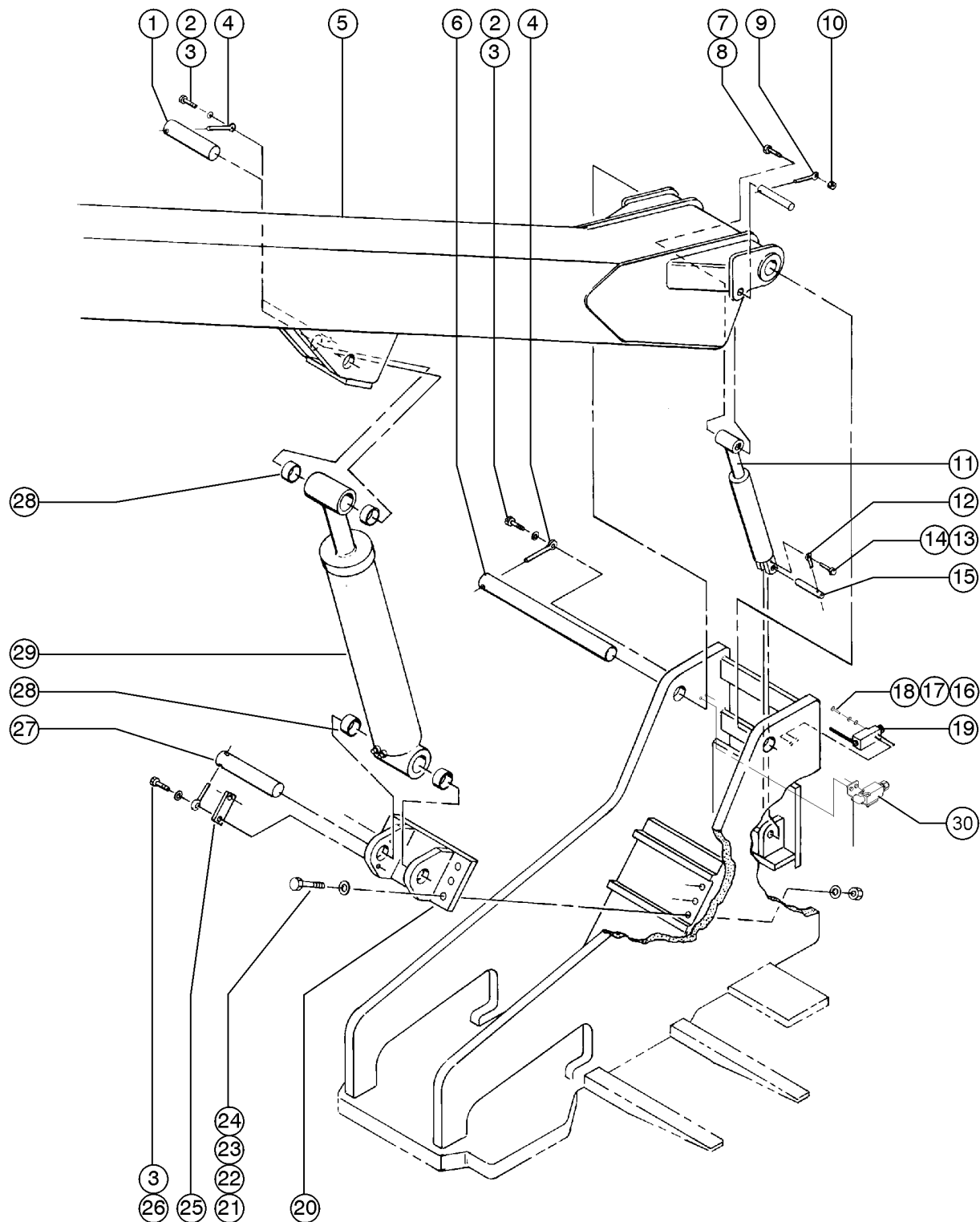
601.2 Boom Lift and Master Leveling Cylinder Installation



601.2 Boom Lift and Master Leveling Cylinder Installation

Item	Part No.	Description	Qty.
1	34269GT	PIN,2.50DIAX13.75LG,1HOLE	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	2
3	6033GT	WASHER,LOCK,0.5"	3
4	1256267GT	ROD END,.5 X 3.75,ZAG	2
5		Ref. Boom Installation (refer to figures 6-B or 6-C, pages 6-6 or 6-8)	2
6	34271GT	PIN,2.50DIAX29.13LG,1HOLE	1
7	8516GT	SCREW, HCC, 3/8-16 X 1.50	1
8	4828GT	NUT, NYLOCK, 3/8-16	1
9	825019GT	ROD END, .375X3.69, ZAG	1
10	34270GT	PIN,1.25DIAX6.62LG,1HOLE	1
11	63209GT	CYLINDER,MASTER*** from SN 113	1
11-	33487GT	SEAL KIT,HYDRAULIC CYLINDER*** from SN 113	1
11-	25683GT	BEARING,POLYGON,20DU12 from SN 113	1
12	1255452GT	ROD END,.375 X 2.25,ZAG	1
13	6175GT	SCREW,HHC,3/8-16 X 1	1
14	6021GT	WASHER, LOCK, .375	1
15	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
16	16486GT	SCREW,RHM,10-32 X 1.75	2
17	6607GT	WASHER,LOCK,#10 PLTD	2
18	6146GT	WASHER,FLAT,MS,#10,Y	2
19	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM	1
19-	19491GT	CONTACTOR,LIMIT SWITCH	
19-	106433GT	LS SPRING WAND (ZCY91)	
20	34324GT	WELDMENT, CYLINDER MOUNTING	1
21	34347GT	SCREW,HHC,3/4-10 X 4.5	6
22	34550GT	WASHER,LOCK,.75 PLTD	6
23	33278GT	WASHER, FLAT, .75 HARDENED	6
24	10258GT	NUT,NYLOCK,3/4-10,GRD.2	6

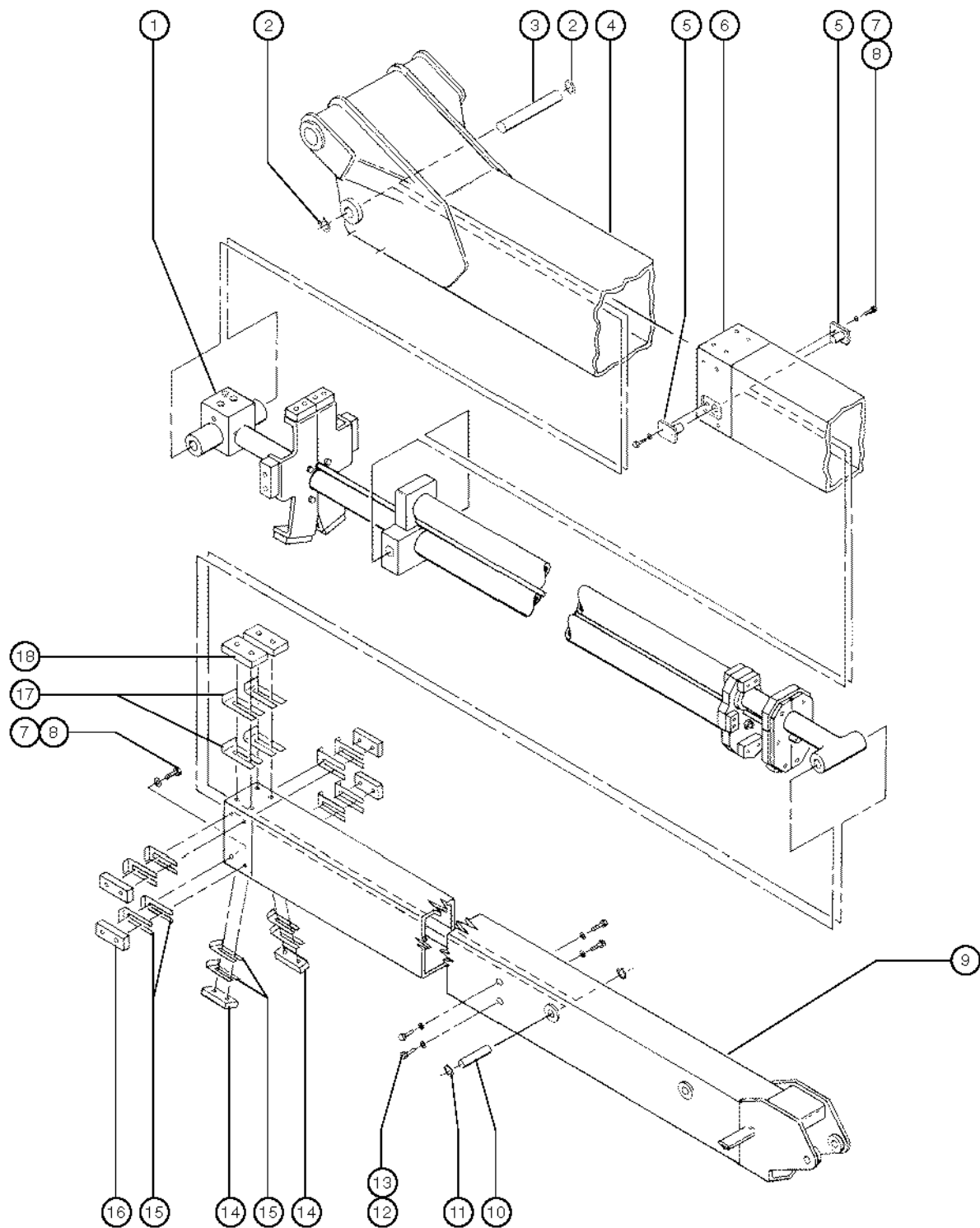
601.2 Boom Lift and Master Leveling Cylinder Installation



601.2 Boom Lift and Master Leveling Cylinder Installation

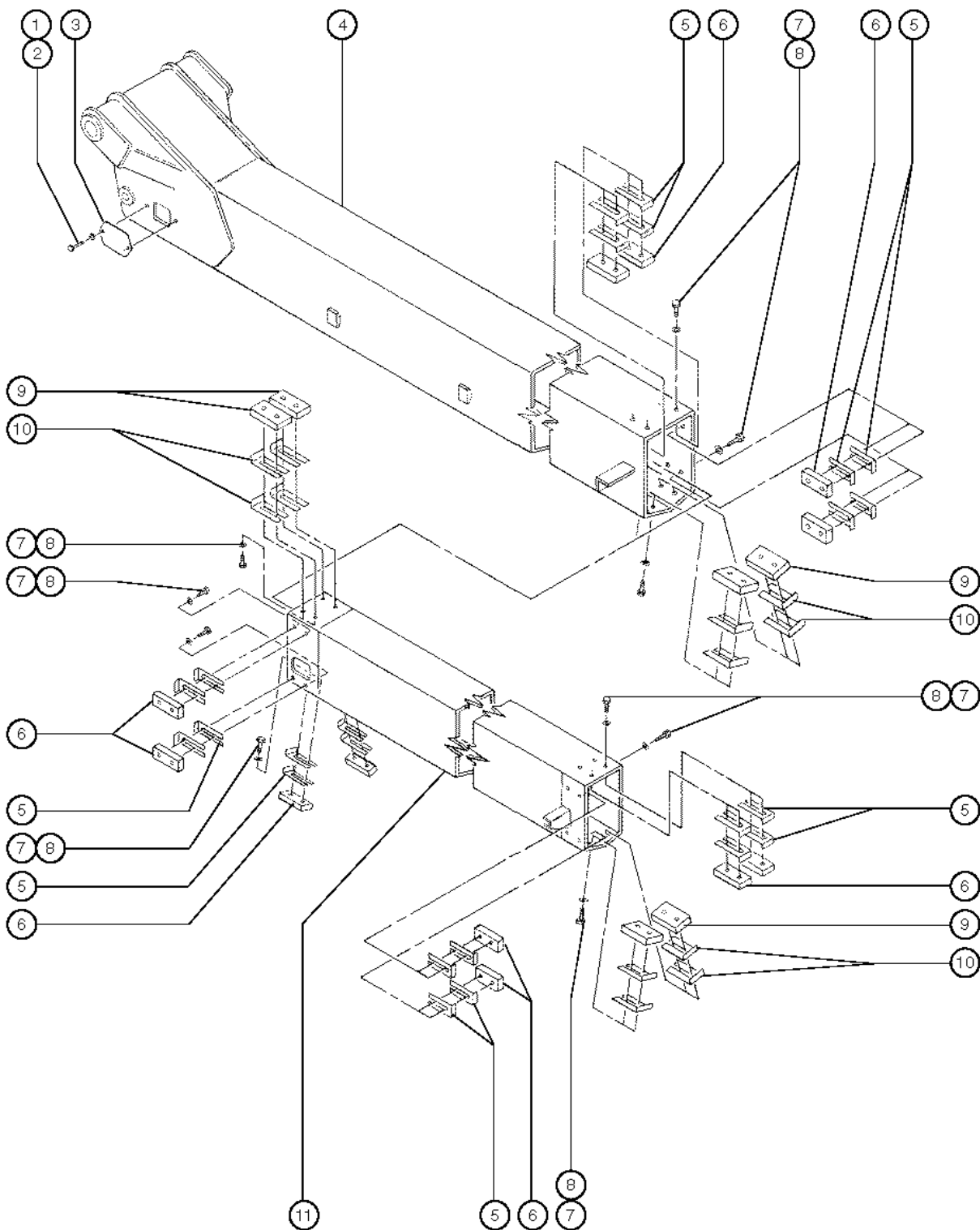
Item	Part No.	Description	Qty.
25	34607PGT	PLATE,PIN RETAINER PAINTED	1
26	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	1
27	34272GT	PIN,PRI.CYL./PRI.SUB-WELD	1
28	33505GT	BEARING,GARLOCK,40DU26	4
29	63204GT	CYLINDER,LIFT,S80*** (includes index number 28); Replaces previous cylinders 30978, 37210, and 35653 (no longer available). Must order cylinder 63204 with retrofit kit 65782	1
29-	65782GT	KIT,DESCENT,CB VALVE-S60/80/85 (use if replacing cylinder 30978 or 37210 or 35653 with cylinder 63204)	1
29-	63344GT	SEAL KIT,CYL,S80 (63204) (for cylinder part number 63204)	1
29-	63344GT	SEAL KIT,CYL,S80 (63204) (for cylinder part number 63204)	1
29-	37498GT	SEAL KIT,S80 LIFT CYL.(35653) (for cylinder part number 35653)	1
30	88903GT	KIT,INSTALLATON LS2A	1
30-	88356-127J3GT	SWITCH,LIMIT,W/6.25" SPRING AR from SN 439	1
30-	106100GT	FORMING,LIMIT SWITCH BRACKET	1
30-	19491GT	CONTACTOR,LIMIT SWITCH	1
30-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	204 in ches
		from SN 439	

602.1 Boom Installation - View 1



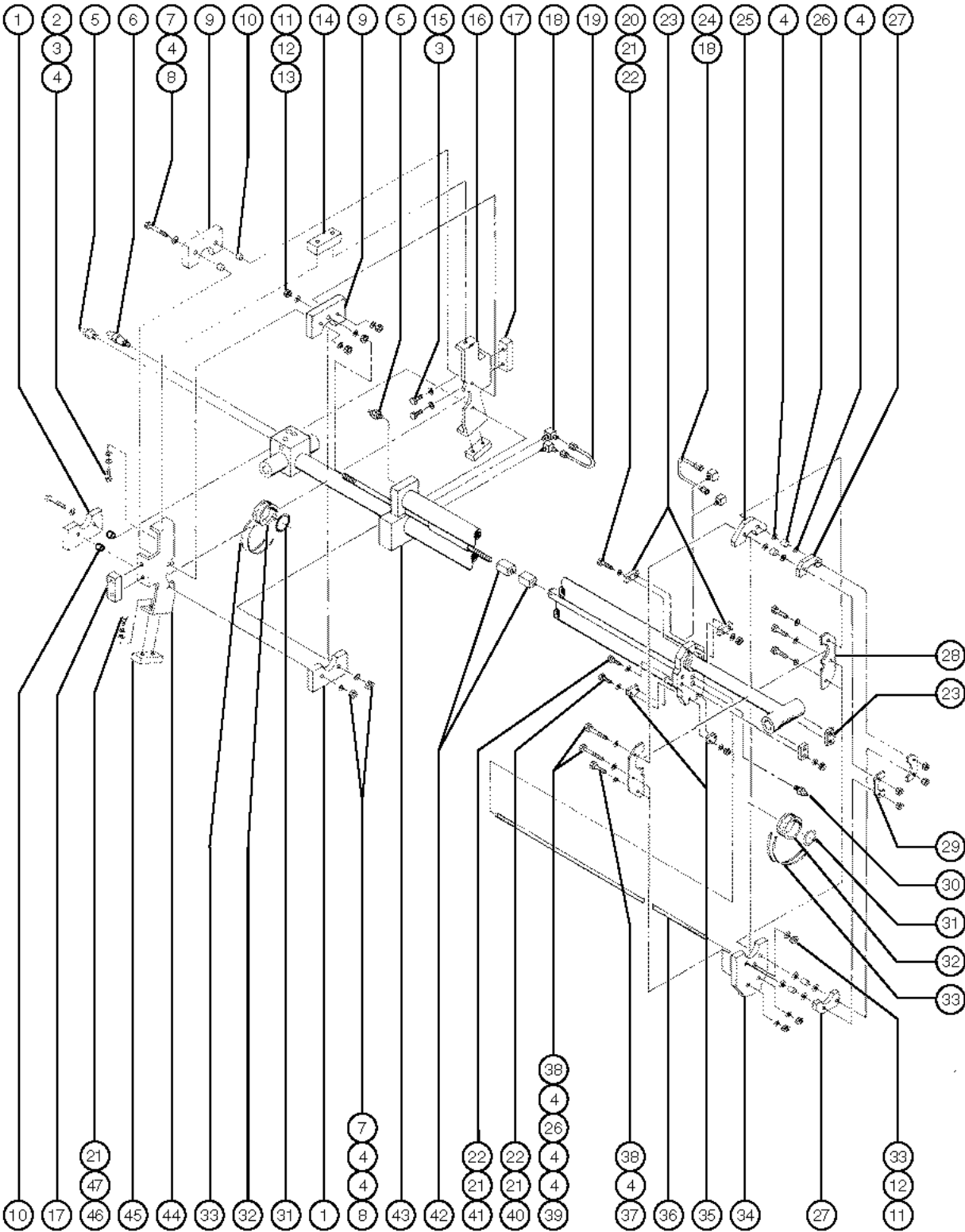
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1		Ref. Extension Cylinder Assembly (refer to figure 604.1)	1
2	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	2
3	34268GT	PIN,1.50DIAX14.41LG,2RING	1
4	53051GT	WELDMENT,BOOM SECTION#1 S80/85	1
5	34170GT	EXT.CYL.MOUNTING PIN WLDMT.	2
6	30984GT	WELDMENT,BOOM #2,S80/85	1
7	6175GT	SCREW,HHC,3/8-16 X 1	18
8	6021GT	WASHER, LOCK, .375	18
9	30986GT	WELDMENT,BOOM #3,S80/85	1
10	T108079GT	PIN,1.25DIAX8.30LG,2RING	1
11	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	2
12	6888GT	SCREW, HHC, 1/4-20 X 1	4
13	6356GT	WASHER,LOCK,.25	4
14	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	2
15	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	12
16	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	4
17	34344GT	SHIM, PAD, 3 x 5	4
18	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS	2

603.1 Boom Installation - View 2



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	6090GT	SCREW, HHC, 1/4-20 X .75	4
2	6356GT	WASHER, LOCK, .25	4
3	34284PGT	COVER, BOOM SECTION #1 PNTD	2
4	53051GT	WELDMENT, BOOM SECTION#1 S80/85	1
5	29080GT	SHIM, WEAR PAD, 5X 1.5 16GA	28
6	30138GT	WEAR PAD, 5 X 1.5 X .625 W/NUTS	18
7	6175GT	SCREW, HHC, 3/8-16 X 1	48
8	6021GT	WASHER, LOCK, .375	48
9	34124GT	WEAR PAD, 5 X 3 X .625 W/NUTS	2
10	34344GT	SHIM, PAD, 3 x 5	12
11	30984GT	WELDMENT, BOOM #2, S80/85	1

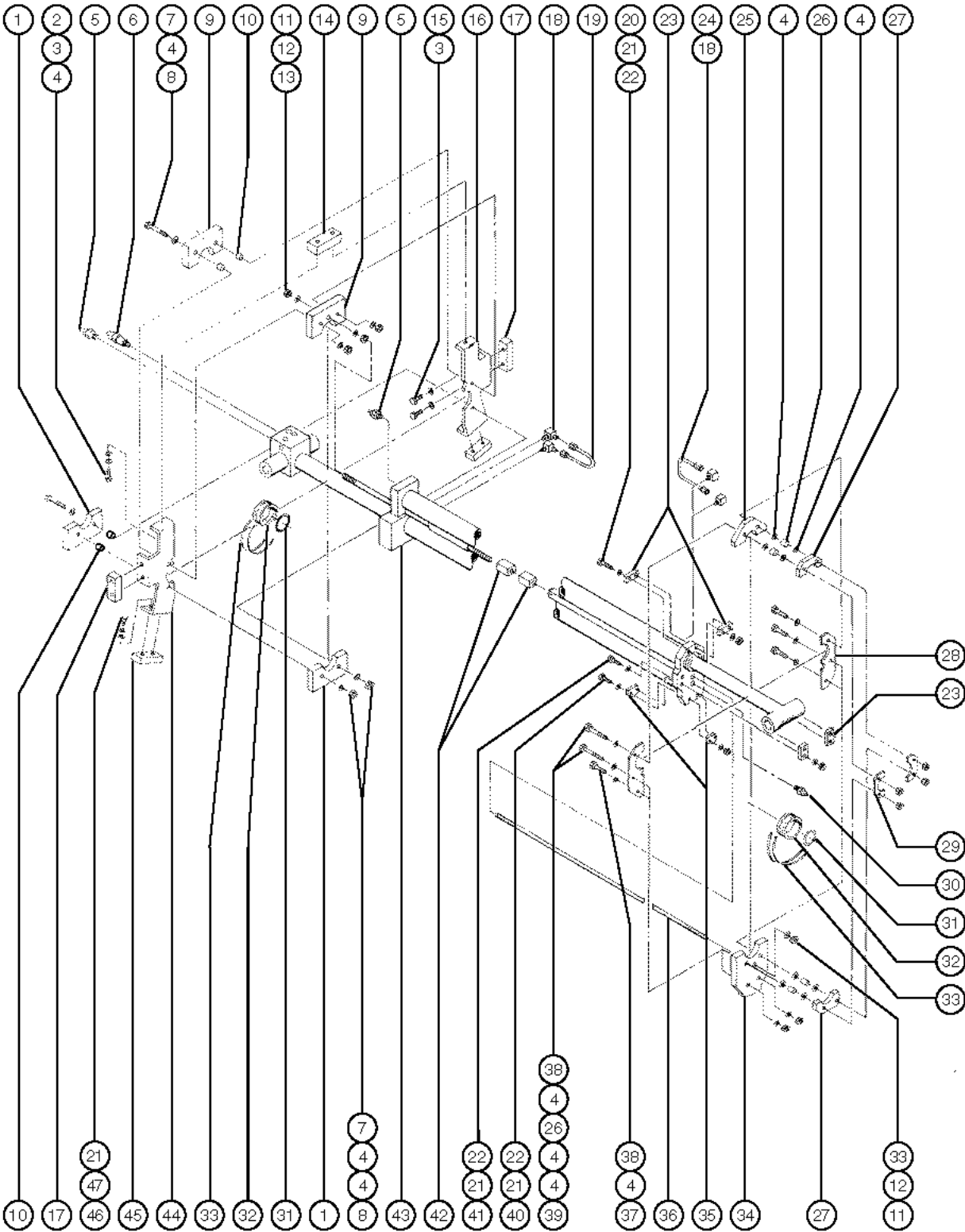
604.1 Extension Cylinder Assembly



604.1 Extension Cylinder Assembly

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	34178GT	WEAR PAD,BOTTOM EXT.ROD,BOTTOM	2
2	6175GT	SCREW,HHC,3/8-16 X 1	2
3	6021GT	WASHER, LOCK, .375	6
4	6097GT	WASHER, FLAT, USS, 3/8", Y	18
5	36188GT	VALVE,COUNTERBAL.CACA-LHN@2000	2
6	36207GT	VALVE,COUNTERBAL.CWCA-LHN@2000	1
7	21604GT	SCREW,HHC,3/8-16 X 3.25	4
8	7713GT	NUT, LP NYLOCK, 3/8-16	4
9	34177GT	WEAR PAD,BOTTOM EXT.ROD, TOP	2
10	45400GT	SPACER TUBE,.50 LG	4
11	6086GT	NUT,LP NYLOCK,1/2-13	2
12	6095GT	WASHER,FLAT,USS,1/2",Y	4
13	6034GT	NUT,HEX,JAM,1/2-13	2
14	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	1
15	8255GT	SCREW,HHC,3/8-16 X .75	4
16	34175PGT	BRACKET,BOTTOM ROD L.H.PAINT	1
17	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	2
18	34630GT	FLARE TUBE ASSY,EXT.CYLINDER	1
		to SN 104	
18-	34741GT	FLARE TUBE ASSY,EXT.CYLINDER	1
		from SN 105	
19	13921GT	ELBOW,070220-4-4	4
20	6884GT	SCREW,HHC,1/4-20 X 2.5	2
21	6638GT	WASHER, FLAT, USS, 1/4"Y	36
22	6889GT	NUT,LP NYLOCK,1/4-20	8
23	34165GT	WEAR PAD,EXTENSION CYLINDER	4
24	34736GT	FLARE TUBE ASSY,EXT.CYLINDER	1
25	34168GT	WEAR PAD, TOP ROD SUPPORT, TOP	1
26	1416-75GT	TUBE,RD,ALUM .75OD .125 WALL	4
27	34807GT	WEAR PAD	2

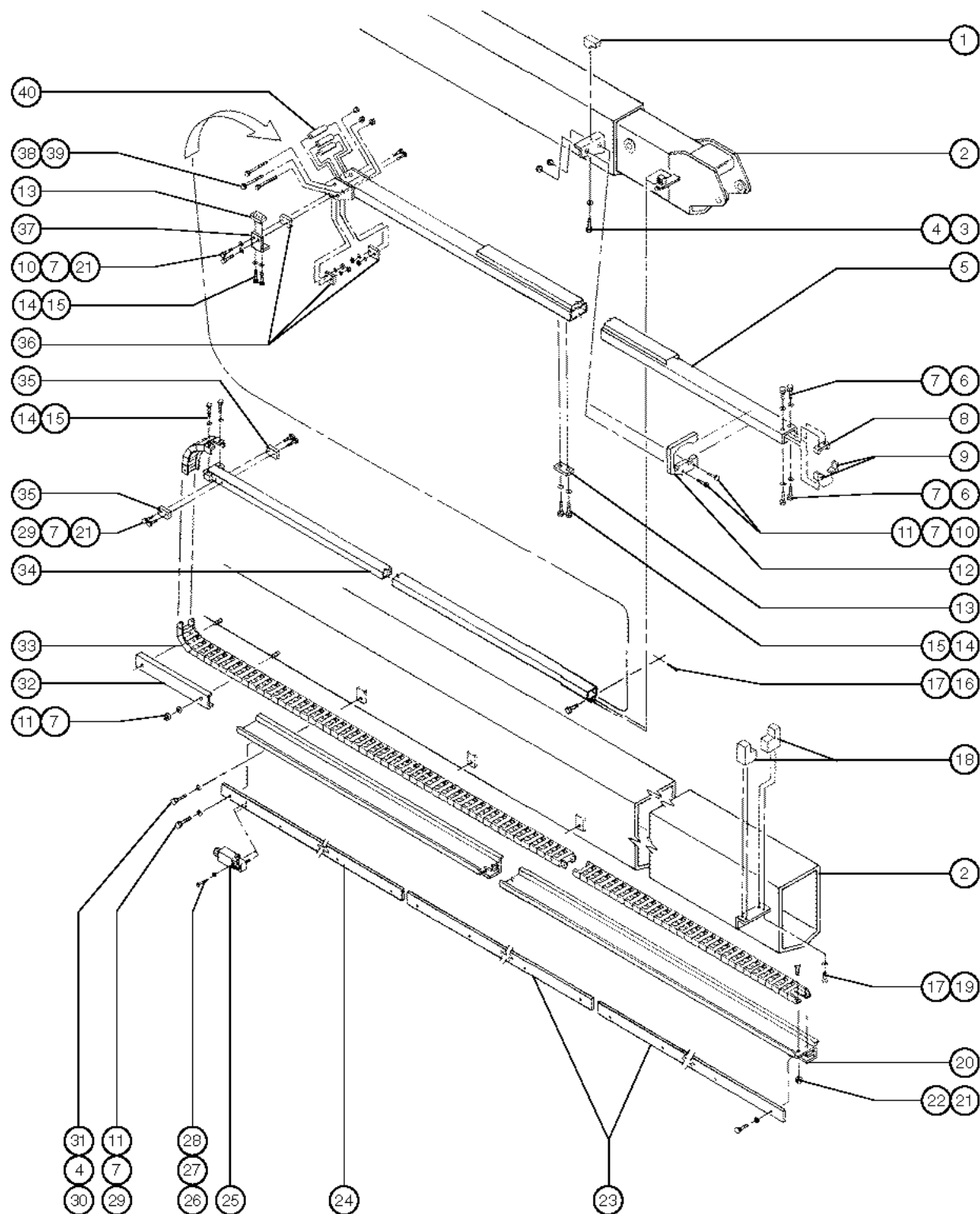
604.1 Extension Cylinder Assembly



604.1 Extension Cylinder Assembly

Item	Part No.	Description	Qty.
28	34167PGT	SUPPORT BRCKT,TOP ROD PAINTD	2
29	34808GT	BRACKET,WEAR PAD RETENTION	2
30	33494GT	VALVE,SEQUENCE	1
31	34809GT	O-RING, 2.25 I.D.X3/16,90 DURO	2
32	34805GT	WEAR RING,ROD	2
33	28443GT	CABLE TIE, 11.5" BLACK	4
34	34169GT	WEAR PAD,TOP ROD SUPP.BOTTOM	1
35	34166GT	WEAR PAD,EXTENSION CYLINDER***	2
36	34180GT	EXTENDING ROD	2
37	5224GT	SCREW,HHC,3/8-16 X 2	2
38	4828GT	NUT, NYLOCK, 3/8-16	4
39	5387GT	SCREW,HHC,3/8-16 X 4	4
40	8179GT	SCREW,HHC,1/4-20 X 2.25	2
41	4266GT	SCREW,HHC,1/4-20 X 2	4
42	34811GT	WEAR PAD,TENSION ROD	2
43	63200GT	EXTENSION CYL ASSY,S80/85 Includes index numbers 5, 6 and 30, use in place of previous cylinder 35620 or 34291	1
43-	63338GT	SEAL KIT,CYL,S80 (63200)*** Top (black color cylinder 63200)	
43-	63339GT	SEAL KIT,EXT CYL (63200)*** Bottom (black color cylinder 63200)	
43-	37499GT	SEAL KIT S60/S80 (35654/35620* Top and bottom (cream color cylinder 35620); from SN 280	
43-	33501GT	SEAL KIT,HYDRAULIC CYLINDER Top (rust color cylinder 34291); to SN 279	1
43-	33500GT	SEAL KIT,HYDRAULIC CYLINDER Bottom (rust color cylinder 34291); to SN 279	1
43-	9990290GT	EXTENSION GLAND NUT ASSY	
43-	9990291GT	EXTENSION GLAND NUT	
44	34176PGT	BRCKET,BOTTOM ROD R.H.PAINT	1
45	45209GT	WEAR PAD,4X2X.5 W/INSERT***	2
46	6090GT	SCREW, HHC, 1/4-20 X .75	4
47	6356GT	WASHER,LOCK,.25	4

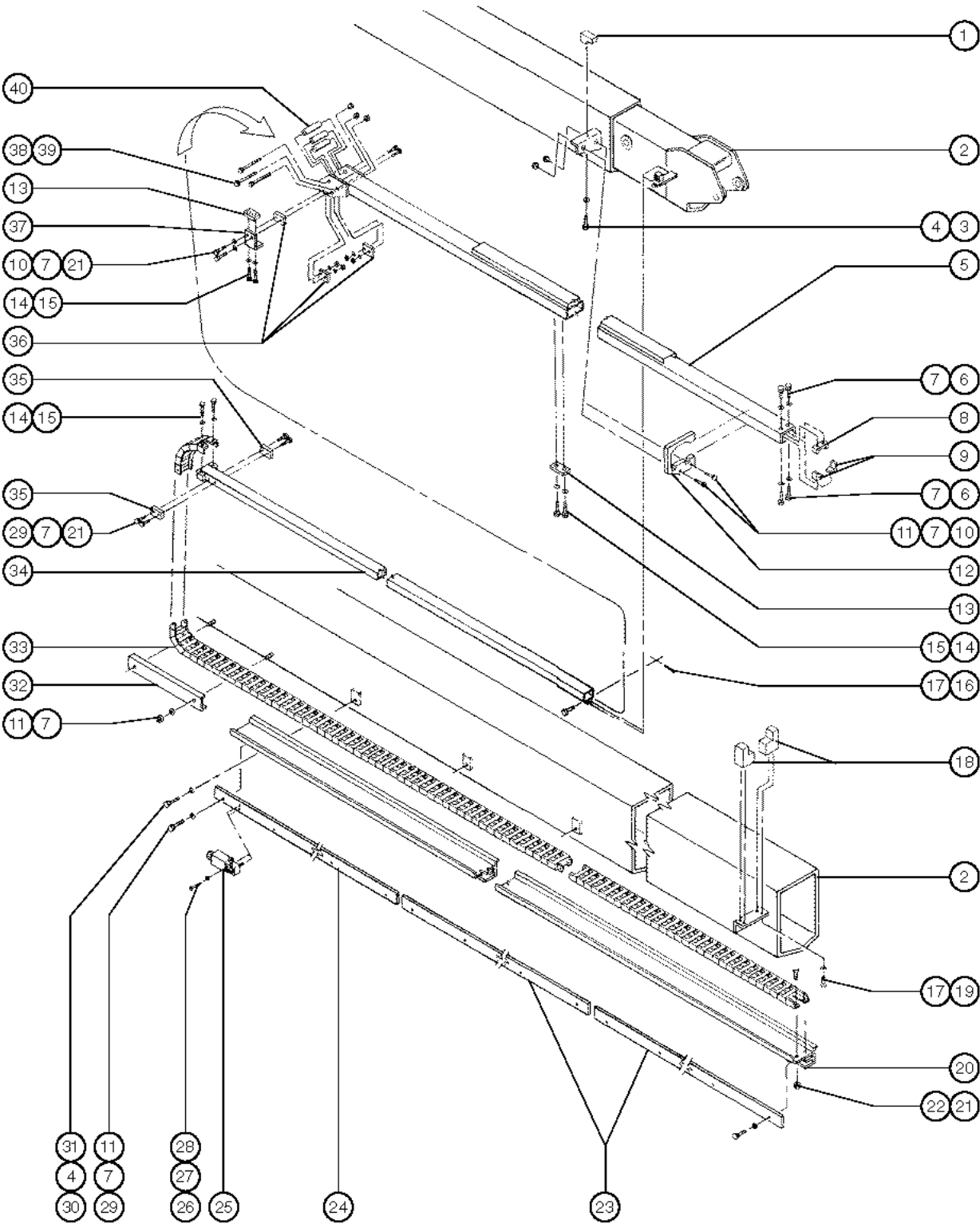
605.1 Cable Track Installation



605.1 Cable Track Installation

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	34394GT	WEAR PAD,BOTTOM,CABLE TRACK	1
2		Ref. Boom Installation (refer to figures 602.1 or 603.1)	1
3	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
4	6021GT	WASHER, LOCK, .375	6
5	34202GT	CABLE TRACK TUBE, WELDMENT	1
6	6888GT	SCREW, HHC, 1/4-20 X 1	4
7	6638GT	WASHER, FLAT, USS, 1/4"Y	26
8	30750GT	WEAR PAD,CABLE TRACK TUBE	1
9	34393GT	WEAR PAD,CORNER,CABLE TRACK	2
10	6637GT	SCREW,HHC,1/4-20 X 1.75	4
11	6091GT	NUT,NYLOCK,1/4-20	16
12	34323GT	WEAR PAD,CABLE TRACK	1
13	45209GT	WEAR PAD,4X2X.5 W/INSERT***	2
14	8914GT	SCREW, HHC, 1/4-20 X .625	6
15	6356GT	WASHER,LOCK,.25	8
16	5361GT	PIN,COTTER,.125 X 1.5	1
16	1294954GT	PIN,COTTER,.1875"X1.5"	1
17	34746GT	PIN,CLEVIS,.50 X 2.00 LG.	1
18	34636GT	WEAR PAD,CABLE TRCK OUTER TUBE	2
19	8179GT	SCREW,HHC,1/4-20 X 2.25	4
20	33509GT	CABLE TRACK TRAY ASSY. S80	1
21	6889GT	NUT,LP NYLOCK,1/4-20	8
22	7339GT	SCREW,HHC,1/4-20 X .5	2
23	30757GT	COVER,CABLE TRACK TRAY	2
24	34749GT	COVER,CABLE TRACK TRAY	1
25	96948GT	SWITCH, LIMIT, W/ROLLER ARM***	1
25-	19491GT	CONTACTOR,LIMIT SWITCH	1
25-	97128GT	ROLLER ARM,LIMIT SWITCH***	1

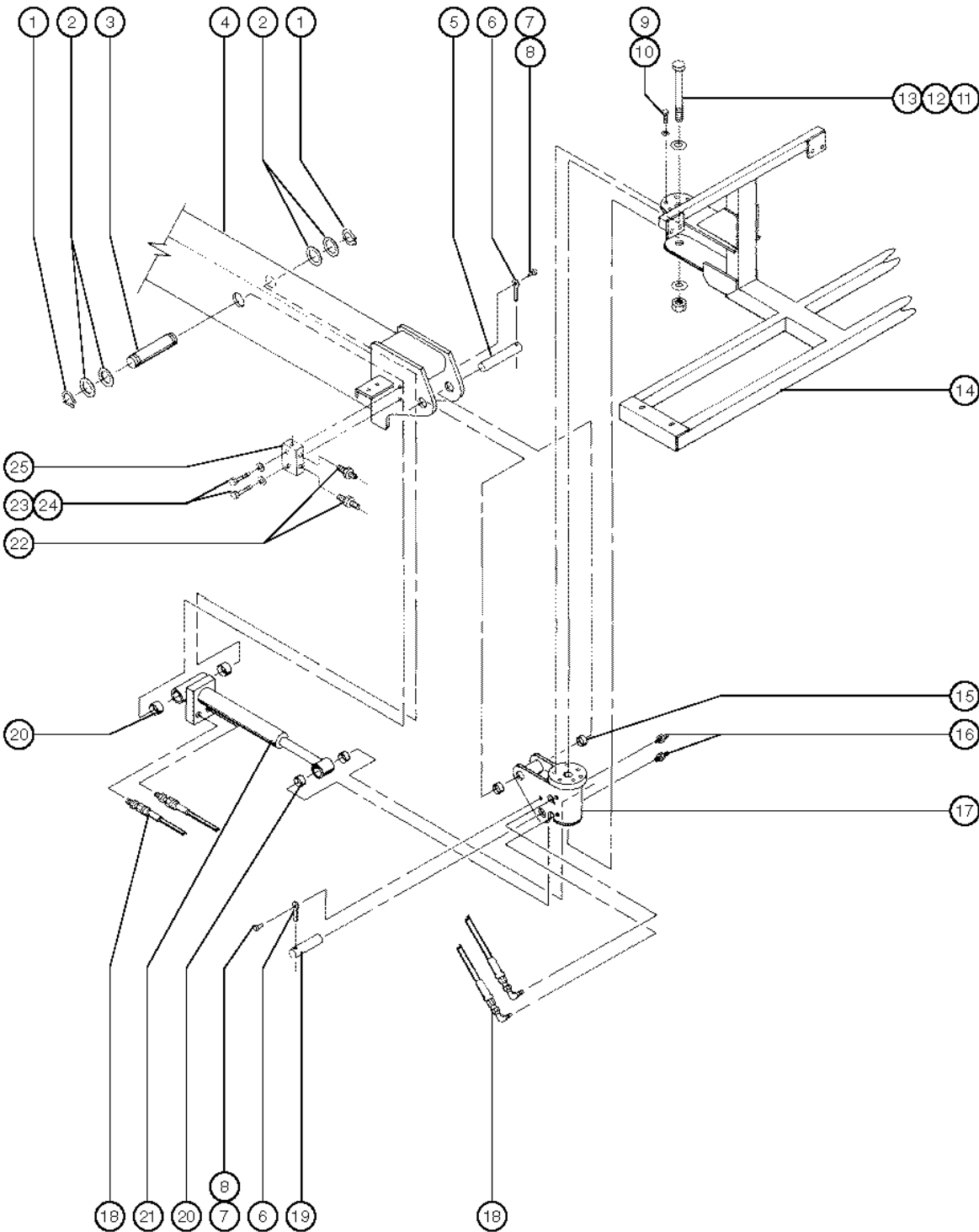
605.1 Cable Track Installation



605.1 Cable Track Installation

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
26	16486GT	SCREW,RHM,10-32 X 1.75	2
27	6607GT	WASHER,LOCK,#10 PLTD	2
28	6146GT	WASHER,FLAT,MS,#10,Y	2
29	6090GT	SCREW, HHC, 1/4-20 X .75	16
30	8255GT	SCREW,HHC,3/8-16 X .75	6
31	6097GT	WASHER, FLAT, USS, 3/8", Y	5
32	34198PGT	CABLE COVER,PRIMARY BOOM,BLU	1
33	43936GT	KIT,STEEL CABLE TRACK,S80 for first-time replacement of plastic cable track; includes 73998	
33-	73998GT	CABLETRACK,PLATED,117 LINKS steel track	1
33-	81007GT	REPAIR LINK, 4 LINKS PLATED for 73998 steel track	
33-	29480GT	TRACK REPAIR,7 LINK (25706) for 30981 plastic track	
33-	29481GT	PLASTIC TRACK BRKT SET for 30981 plastic track	
34	33515GT	CABLE TRACK SUPP.TUBE ASSY	1
35	31411GT	WEAR PAD,CABLE TRACK	2
36	30749GT	WEAR PAD,CABLE TRACK TUBE	3
37	34680PGT	ANGLE,CABLE TRACK TUBE PAINTED	1
38	22832GT	SCREW,HHC,3/8-16 X 6	3
39	7713GT	NUT, LP NYLOCK, 3/8-16	3
40	34243-500GT	TUBE,UHMW, 1 X .25 X 5.00	3

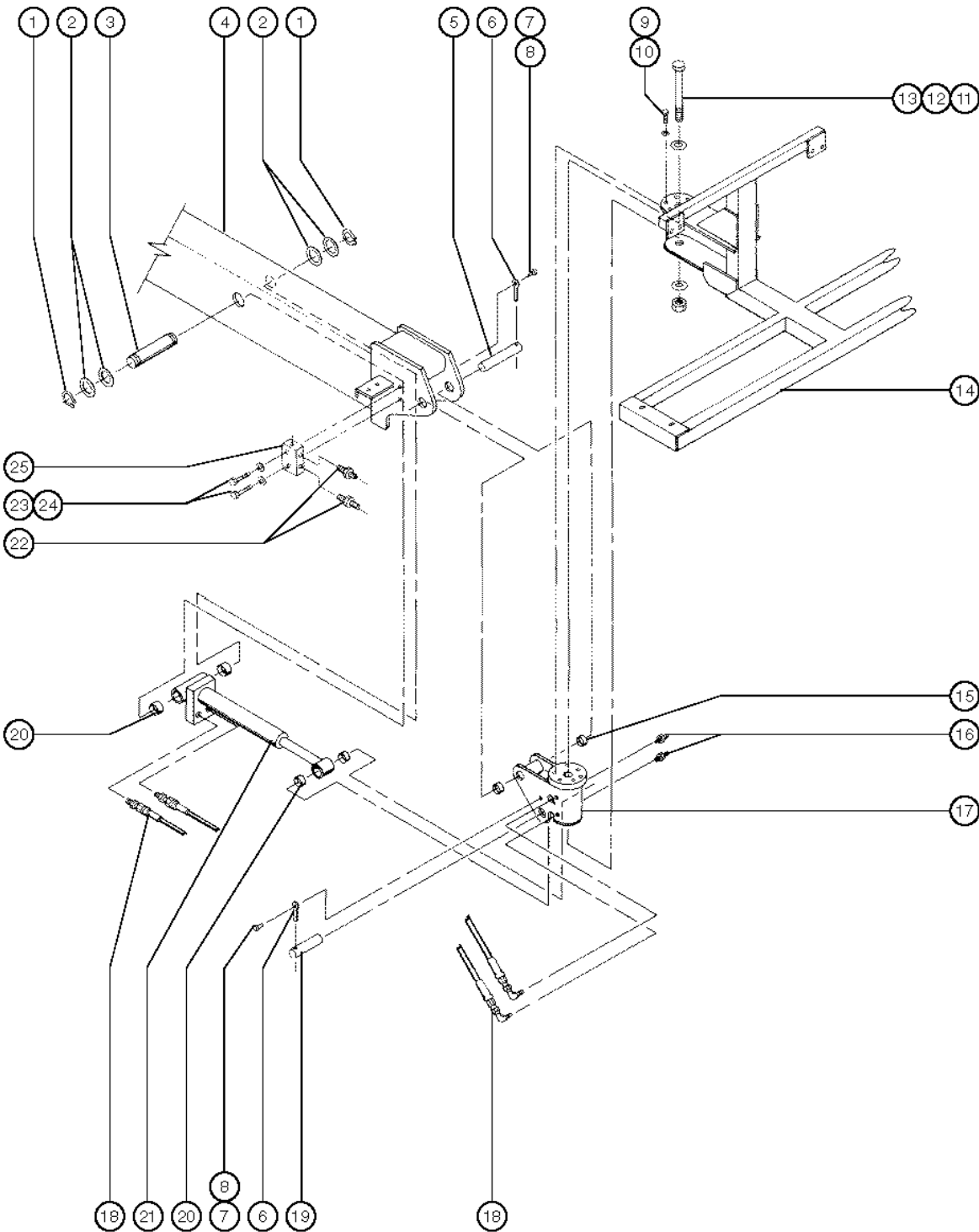
606.1 Slave Cylinder and Platform Rotator



606.1 Slave Cylinder and Platform Rotator

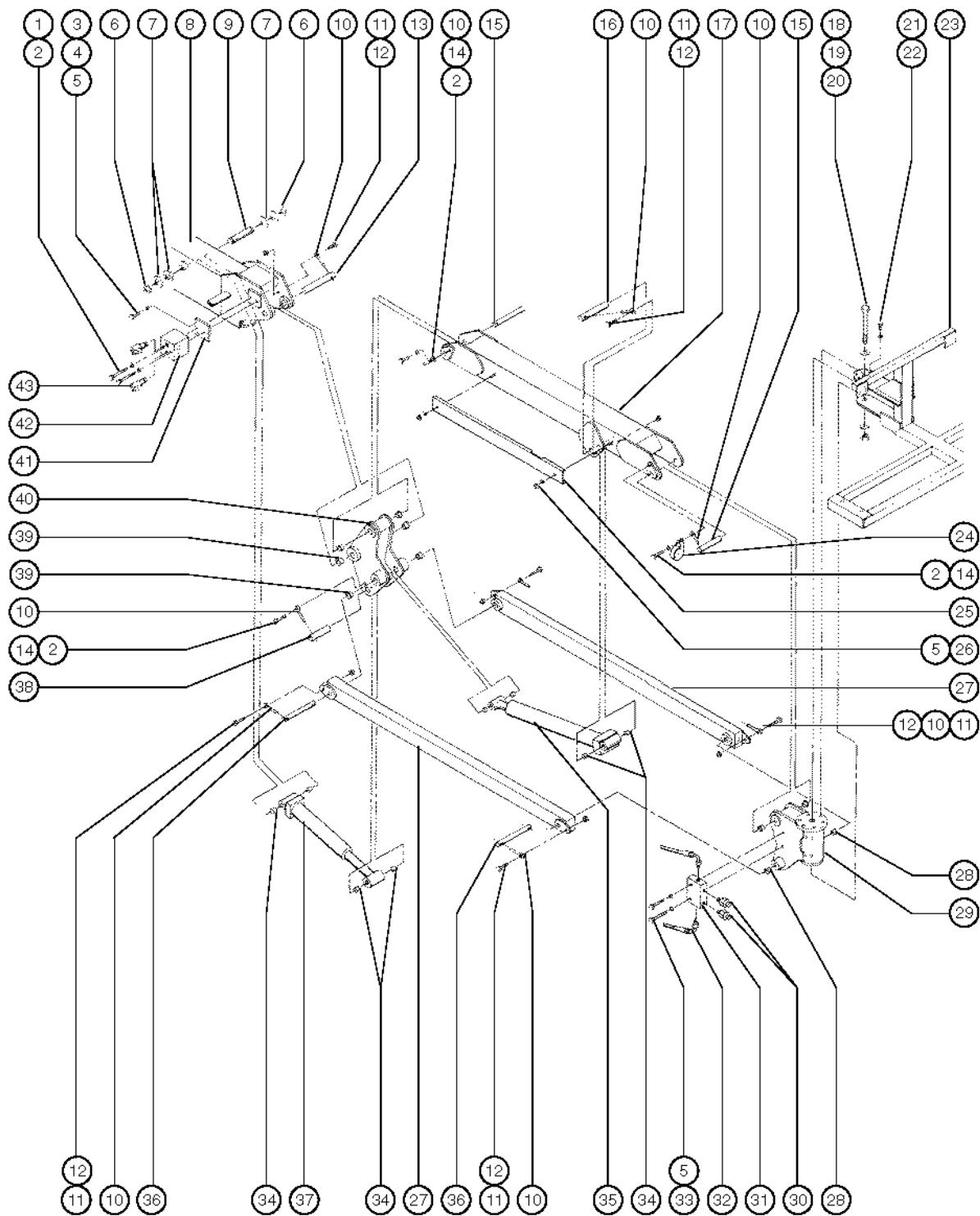
Item	Part No.	Description	Qty.
1	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	2
2	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	4
3	T108079GT	PIN,1.25DIAX8.30LG,2RING	1
4		Ref. Extension Boom Tube Assembly (refer to figure 602.1)	1
5	T108078GT	PIN,1.25DIAX9.50LG,1HOLE	1
6	825019GT	ROD END, .375X3.69, ZAG	2
7	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
8	4828GT	NUT, NYLOCK, 3/8-16	2
9	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5 USE WITH ROTATOR PART NO 30669	6
9-	27035GT	SCREW,SHC,3/8-16 X .75,BLACK USE WITH ROTATOR PART NO 94398 (INCLUDED IN ROTATOR UPDATE KIT PART NO 77874) ..	8
10	6033GT	WASHER,LOCK,0.5"	6
11	30286GT	SCREW,HHC,1-8 X 12IN GRD.2***	1
12	13775GT	WASHER,FLAT,1.063 X 2 X .134	2
13	29764GT	NUT,NYLOCK,1-8	1
14	50144-SGT	PLATFORM SUPPORT WELDMENT***	1
15	30219GT	BEARING,FL,1.25ID X 1.41OD X 1	2
16	13852GT	VALVE ASSY,BLEED***	2
16-	88516GT	SCREW,BLEEDER,M5X0.8 USE WITH ROTATOR PART NO 94398	
17	77874GT	ROTATOR ASSEMBLY,8.2K*** ROTATOR UPDATE KIT, REQUIRED FOR FIRST TIME REPLACEMENT OF PREVIOUS ROTATOR PART NO 30669	1
17-	94398GT	ROTATOR,PLAT,NON-JIB (INCLUDED IN ROTATOR UPDATE KIT PART NO 77874)	1
17-	122944GT	SEAL KIT,8K ROTATOR*** rotator 94398	
17-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* rotator 30669	1
17-	31498GT	BEARING KIT,ROTATOR,9K*** rotator 30669	1
17-	77877GT	SHAFT ADAPTER, HELAC ROTATOR (INCLUDED IN ROTATOR UPDATE KIT PART NO 77874)	1
17-	73807GT	MANIFOLD,ROTATOR,CB*** (INCLUDED IN ROTATOR UPDATE KIT PART NO 77874)	
18		Ref. Hydraulic Hoses & Fittings (refer to figure 608.1)	2
19	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1

606.1 Slave Cylinder and Platform Rotator



606.1 Slave Cylinder and Platform Rotator

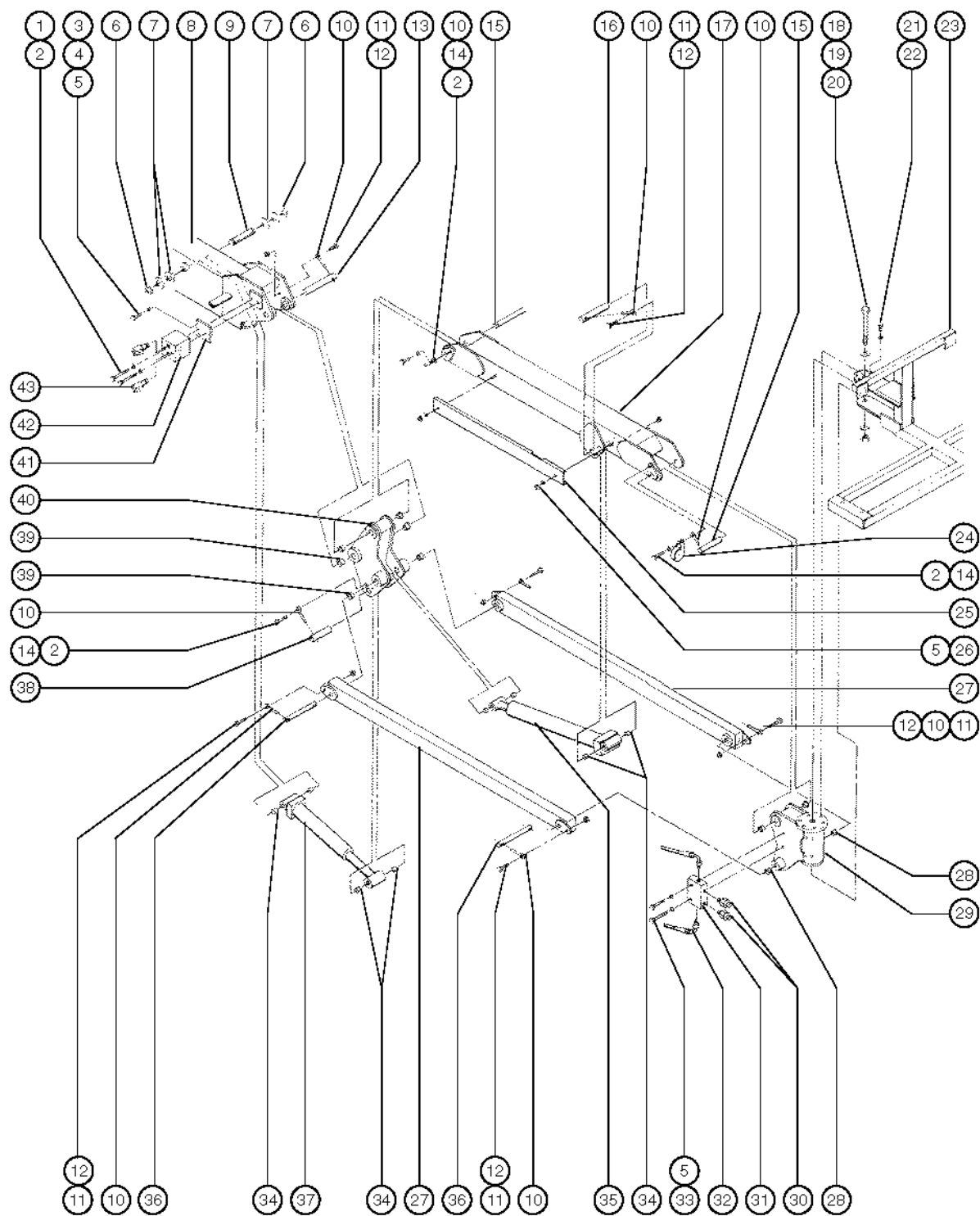
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
20	1262635GT	BUSHING,POLYGON,BM2024-12	4
21	81693GT	CYLINDER,SLAVE,S40/45 includes index number 20; to SN 112	1
21-	31078GT	SEAL KIT,HYDRAULIC CYLINDER***	1
21-	29083GT	VALVE,COUNTERBALANCE,2500 PSI*	1
21-	63210GT	CYLINDER,SLAVE,3 X 11.38*** includes index number 20; from SN 113	1
21-	33487GT	SEAL KIT,HYDRAULIC CYLINDER***	1
21-	43169GT	VALVE,COUNTERBALANCE***	1
22	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000	2
23	6637GT	SCREW,HHC,1/4-20 X 1.75	2
24	6638GT	WASHER, FLAT, USS, 1/4"Y	2
25	30823GT	VALVE,DUAL CB MANIFOLD	1
		includes index number 22	



607.1 Jib Boom and Platform Rotator

Item	Part No.	Description	Qty.
1	21604GT	SCREW,HHC,3/8-16 X 3.25	2
2	6021GT	WASHER, LOCK, .375	5
3	6090GT	SCREW, HHC, 1/4-20 X .75	2
4	6356GT	WASHER,LOCK,.25	2
5	6638GT	WASHER, FLAT, USS, 1/4"Y	6
6	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	2
7	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	4
8		Ref. Extension Boom Tube Assembly (refer to figure 6-B, page 6-6)	1
9	T108079GT	PIN,1.25DIAX8.30LG,2RING	1
10	825019GT	ROD END, .375X3.69, ZAG	9
11	8516GT	SCREW, HCC, 3/8-16 X 1.50	6
12	4828GT	NUT, NYLOCK, 3/8-16	6
13	T108078GT	PIN,1.25DIAX9.50LG,1HOLE	1
14	6175GT	SCREW,HHC,3/8-16 X 1	3
15	T108076GT	PIN,1.25DIAX7.88LG,1HOLE	2
16	T108077GT	PIN,1.25DIAX7.00LG,1HOLE	1
17		SERVICE KIT, 5FT JIB see section 610.1 for jib detail	1
18	30286GT	SCREW,HHC,1-8 X 12IN GRD.2***	1
19	13775GT	WASHER,FLAT,1.063 X 2 X .134	2
20	29764GT	NUT,NYLOCK,1-8	1
21	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	6
22	6033GT	WASHER,LOCK,0.5"	6
23	50144-SGT	PLATFORM SUPPORT WELDMENT***	1
24	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	1
25	54527-SGT	CABLE COVER,JIB***	1
26	6091GT	NUT,NYLOCK,1/4-20	2
27	61306-SGT	COMPR.LINK,MACHINED,GND CONTR*	2
28	30219GT	BEARING,FL,1.25ID X 1.41OD X 1	4

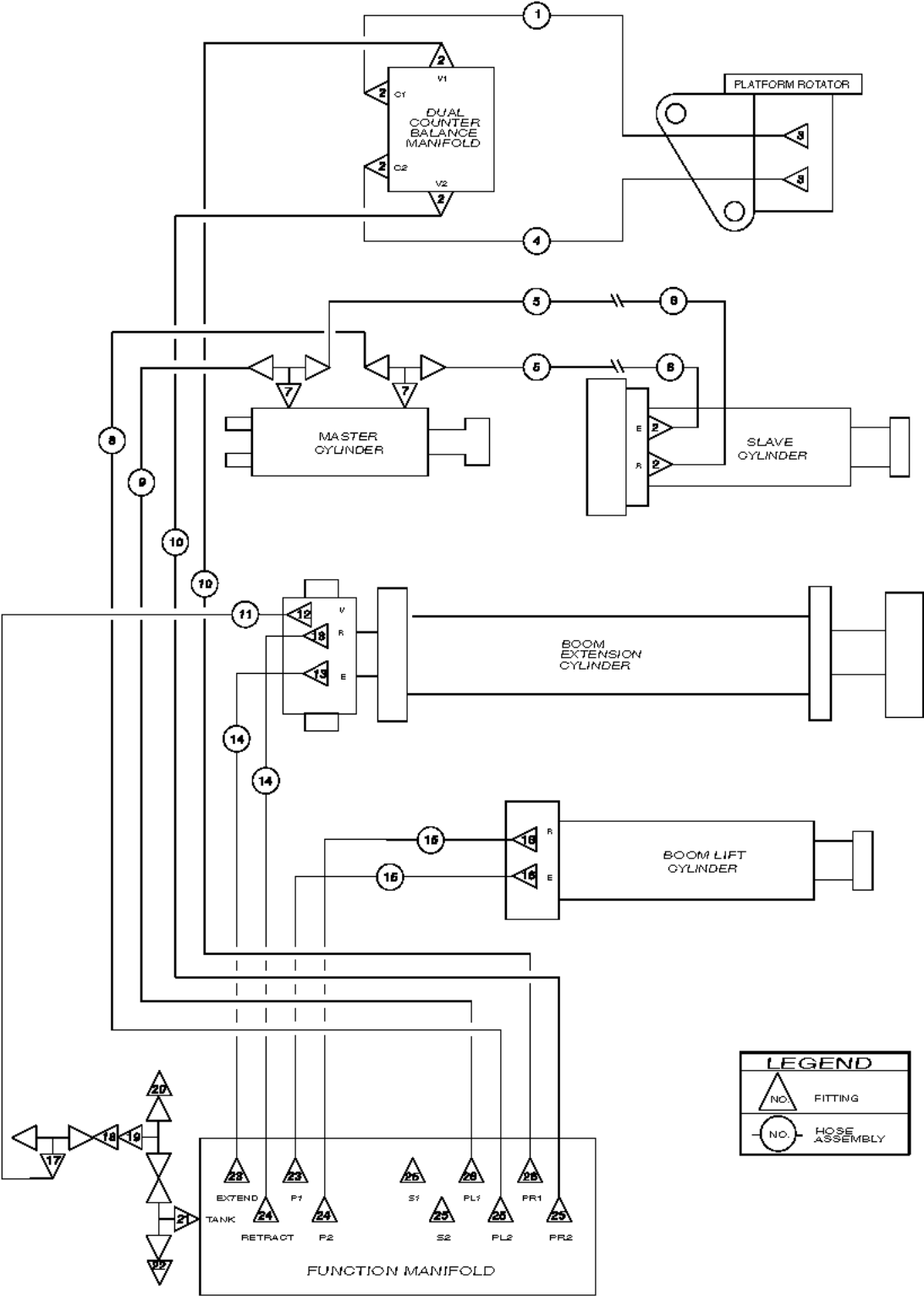
607.1 Jib Boom and Platform Rotator



607.1 Jib Boom and Platform Rotator

Item	Part No.	Description	Qty.
29	77875GT	ROTATOR ASSEMBLY,8.2K*** required for first time replacement of older rotators; includes hydraulic rotator part number 94397,manifold part number 73807 and shaft adapter 77877	1
29-	94397GT	ROTATOR,PLAT JIB,160 DEG***	
29-	122944GT	SEAL KIT,8K ROTATOR*** for rotator 94397	
29-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* for rotator 30947	2
29-	31498GT	BEARING KIT,ROTATOR,9K*** for rotator 30947	2
29-	13852GT	VALVE ASSY,BLEED*** for rotator 30947	2
30	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000 for manifold 30823	2
30-	62506GT	VALVE - COUNTERBALANCE** for manifold 73807	2
31	30823GT	VALVE,DUAL CB MANIFOLD for rotator 30947	1
31-	73807GT	MANIFOLD,ROTATOR,CB*** for rotator 94397	
32		Ref. Hydraulic Hoses & Fittings	1
33	6637GT	SCREW,HHC,1/4-20 X 1.75	2
34	1262634GT	BUSHING,POLYGON,BM5121	8
35	63213GT	CYLINDER,JIB (STICK BOOMS) includes 4 each index number 34	1
35-	33553GT	SEAL KIT,HYDRAULIC CYLINDER	1
35-	33428GT	VALVE,COUNTERBALANCE	1
36	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
37	63210GT	CYLINDER,SLAVE,3 X 11.38*** includes 4 each index number 34	1
37-	33487GT	SEAL KIT,HYDRAULIC CYLINDER***	1
37-	43169GT	VALVE,COUNTERBALANCE***	1
38	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
39	34132GT	BEARING,GARLOCK,20FDU20	6
40	89801GT	BELLCRANK ASSY W/BEARINGS	1
41	34625PGT	PLATE,JIB MANIFOLD MTG.PNTD	1
42	73616GT	MANIFOLD,JIB SELECT***	1
43	29066GT	VALVE,SOLENOID,10V,2POS 3WAY**	2
43-	27814GT	COIL,SOLENOID,10V	2
43-	45912GT	NUT,SOLENOID VALVE 2P3W	2

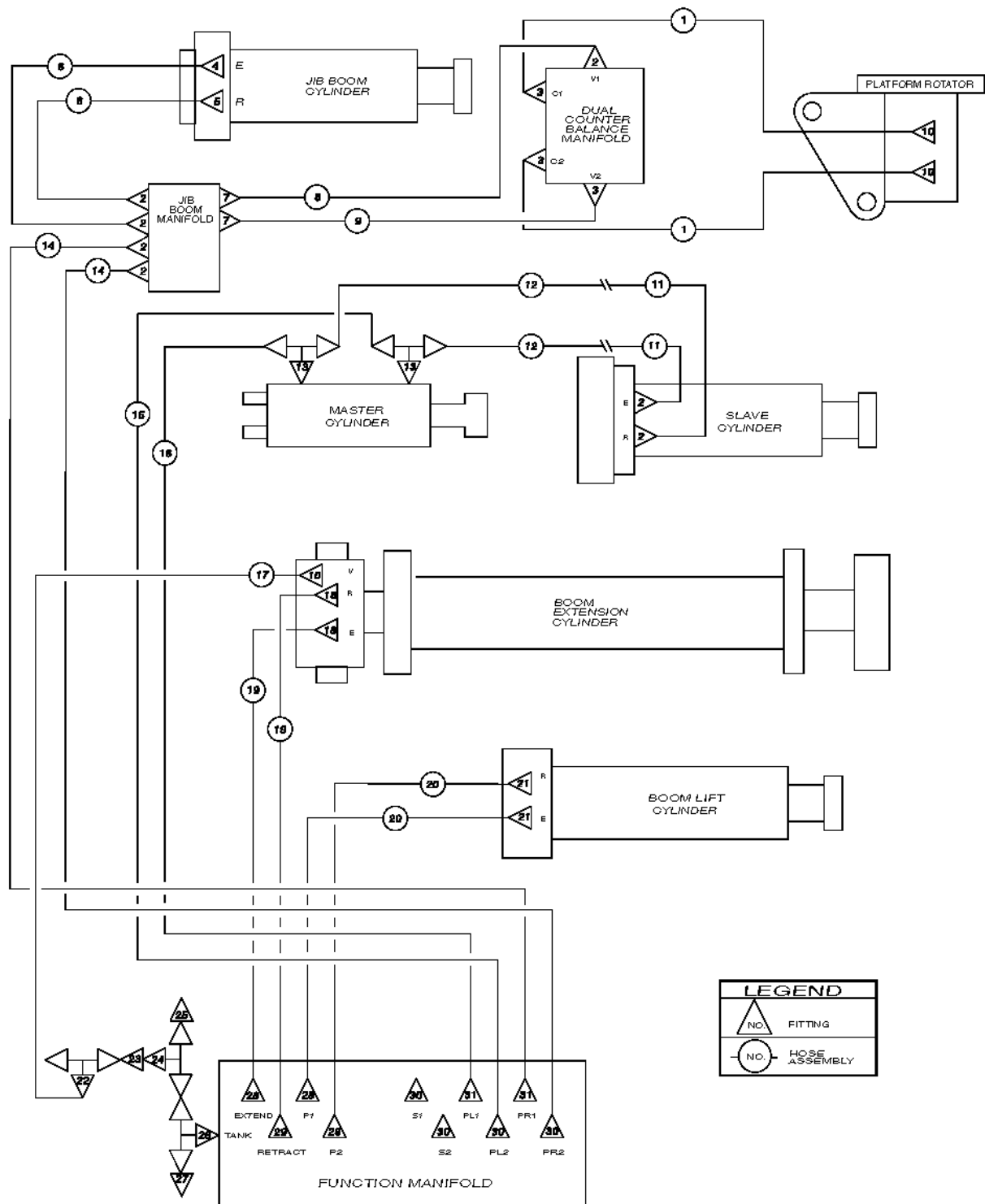
608.1 Hydraulic Hoses and Fittings



608.1 Hydraulic Hoses and Fittings

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	34604GT	HOSE ASSEMBLY, 26"	1
2	13756GT	CONNECTOR,070120-4-6	2
3	13921GT	ELBOW,070220-4-4	2
4	34603GT	HOSE ASSEMBLY, 31"	1
5	34601GT	HOSE ASSEMBLY, 1000"	2
6	34775GT	HOSE ASSEMBLY, 24"	2
7	45705GT	TEE,BRANCH,070429-6-6	2
8	34561GT	HOSE ASSEMBLY, 136"	1
9	34715GT	HOSE ASSY,127"	1
10	34602GT	HOSE ASSEMBLY, 1070"	2
11	34570GT	HOSE ASSEMBLY, 186"	1
12	13755GT	CONNECTOR,070120-4-4	1
13	34635GT	ELBOW,070320-6-8	2
14	34562GT	HOSE ASSEMBLY, 177"	2
15	34558GT	HOSE ASSEMBLY, 96"	2
16	18687GT	CONNECTOR,070120-6-8	2
17	13757GT	TEE,RUN,070432-4	1
18	30876GT	REDUCER,070123-10-4	1
19	22975GT	TEE,RUN,070432-10	1
20	20324GT	HOSE END,BARBED,SWIVEL,-8-8	1
21	30875GT	TEE,BRANCH,070429-10-10	1
22	45170GT	HOSE END,BARBED,SWIVEL,-12-12	1
23	32156GT	CONNECTOR,070122-8-8	2
24	45703GT	CONNECTOR,070120-8-8	2
25	45412GT	CONNECTOR,070120-6-6	8
26	45412GT	CONNECTOR,070120-6-6	2

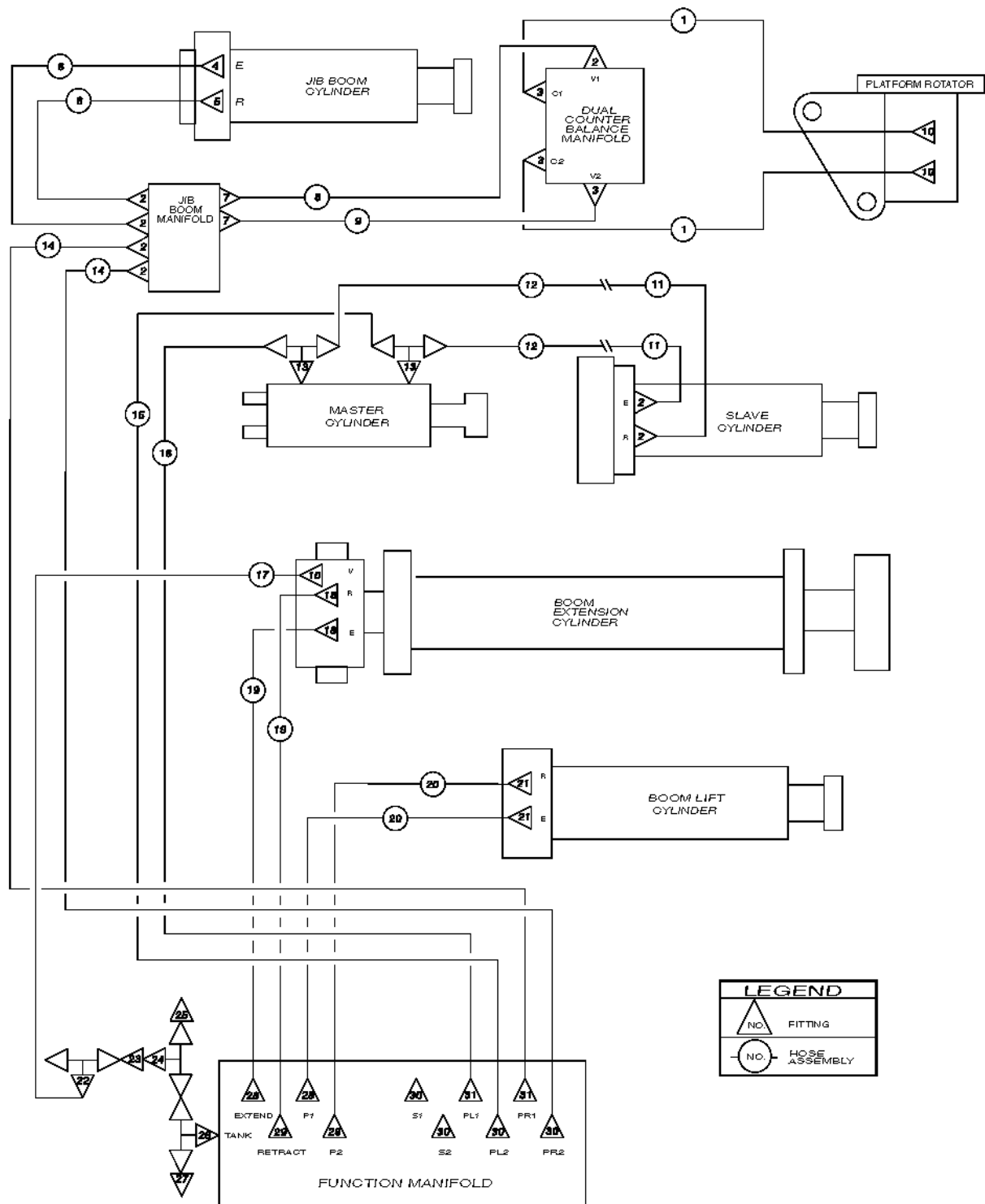
609.1 Hydraulic Hoses and Fittings



609.1 Hydraulic Hoses and Fittings

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	34631GT	FLARE TUBE ASSY,JIB COUNTERBAL	2
2	13756GT	CONNECTOR,070120-4-6	7
3	12340GT	ELBOW,070220-4-6	3
4	34799GT	CONN,070120-4-6,W/.035 OR	1
5	31193GT	ELBOW,070320-4-6	1
6	34600GT	HOSE ASSEMBLY, 83"	2
7	30446GT	CONN,070120-4-6,W/.030 OR	2
8	34653GT	HOSE ASSEMBLY, 88"	1
9	34599GT	HOSE ASSEMBLY, 88"	1
10	13755GT	CONNECTOR,070120-4-4	3
11	34775GT	HOSE ASSEMBLY, 24"	2
12	34601GT	HOSE ASSEMBLY, 1000"	2
13	45705GT	TEE,BRANCH,070429-6-6	2
14	34602GT	HOSE ASSEMBLY, 1070"	2
15	34561GT	HOSE ASSEMBLY, 136"	1
16	34715GT	HOSE ASSY,127"	1
17	34570GT	HOSE ASSEMBLY, 186"	1
18	34635GT	ELBOW,070320-6-8	2
19	34562GT	HOSE ASSEMBLY, 177"	2
20	34558GT	HOSE ASSEMBLY, 96"	2
21	18687GT	CONNECTOR,070120-6-8	2
22	13757GT	TEE,RUN,070432-4	1
23	30876GT	REDUCER,070123-10-4	1
24	22975GT	TEE,RUN,070432-10	1
25	20324GT	HOSE END,BARBED,SWIVEL,-8-8	1
26	30875GT	TEE,BRANCH,070429-10-10	1
27	45170GT	HOSE END,BARBED,SWIVEL,-12-12	1
28	32156GT	CONNECTOR,070122-8-8	2

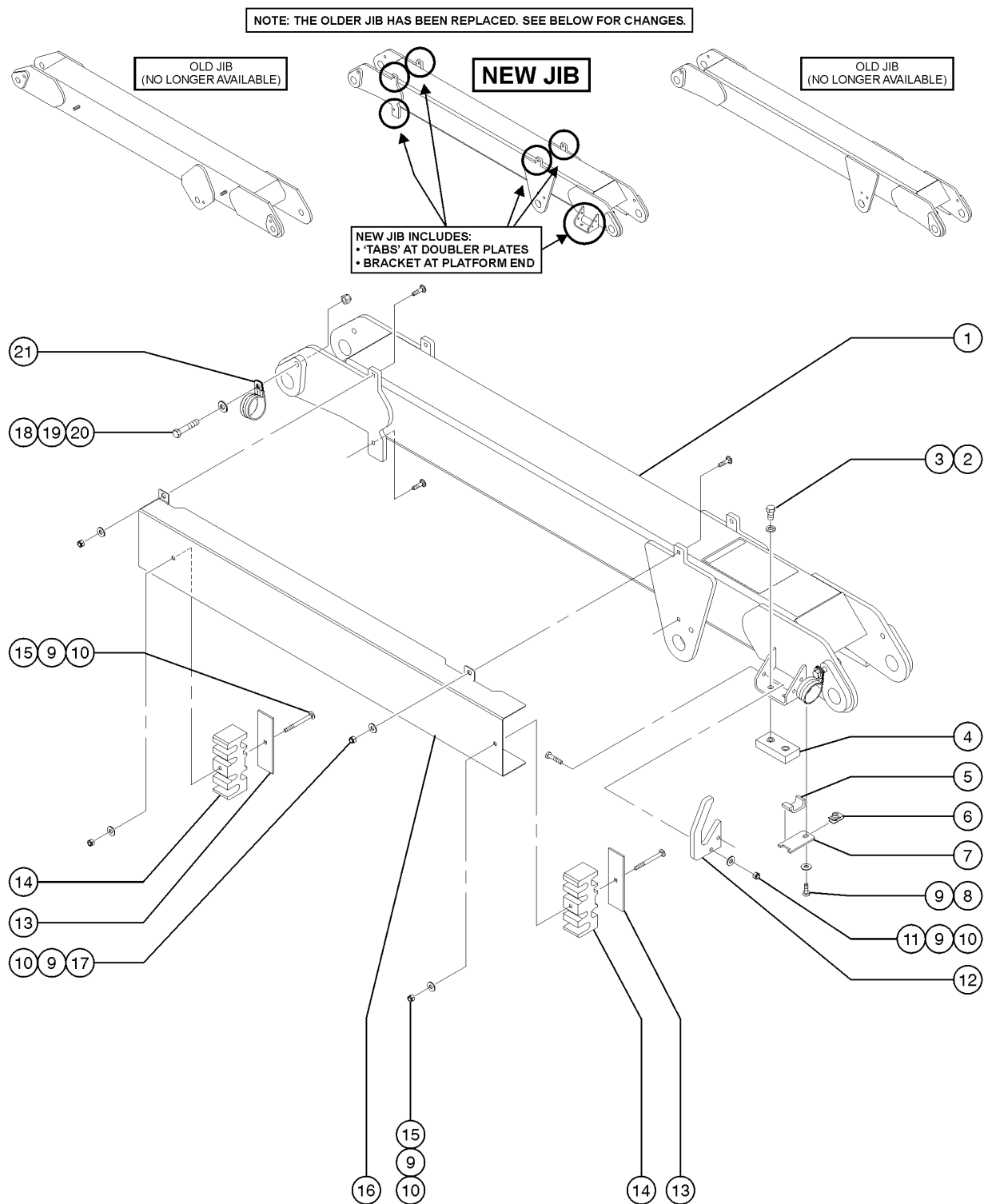
609.1 Hydraulic Hoses and Fittings



609.1 Hydraulic Hoses and Fittings

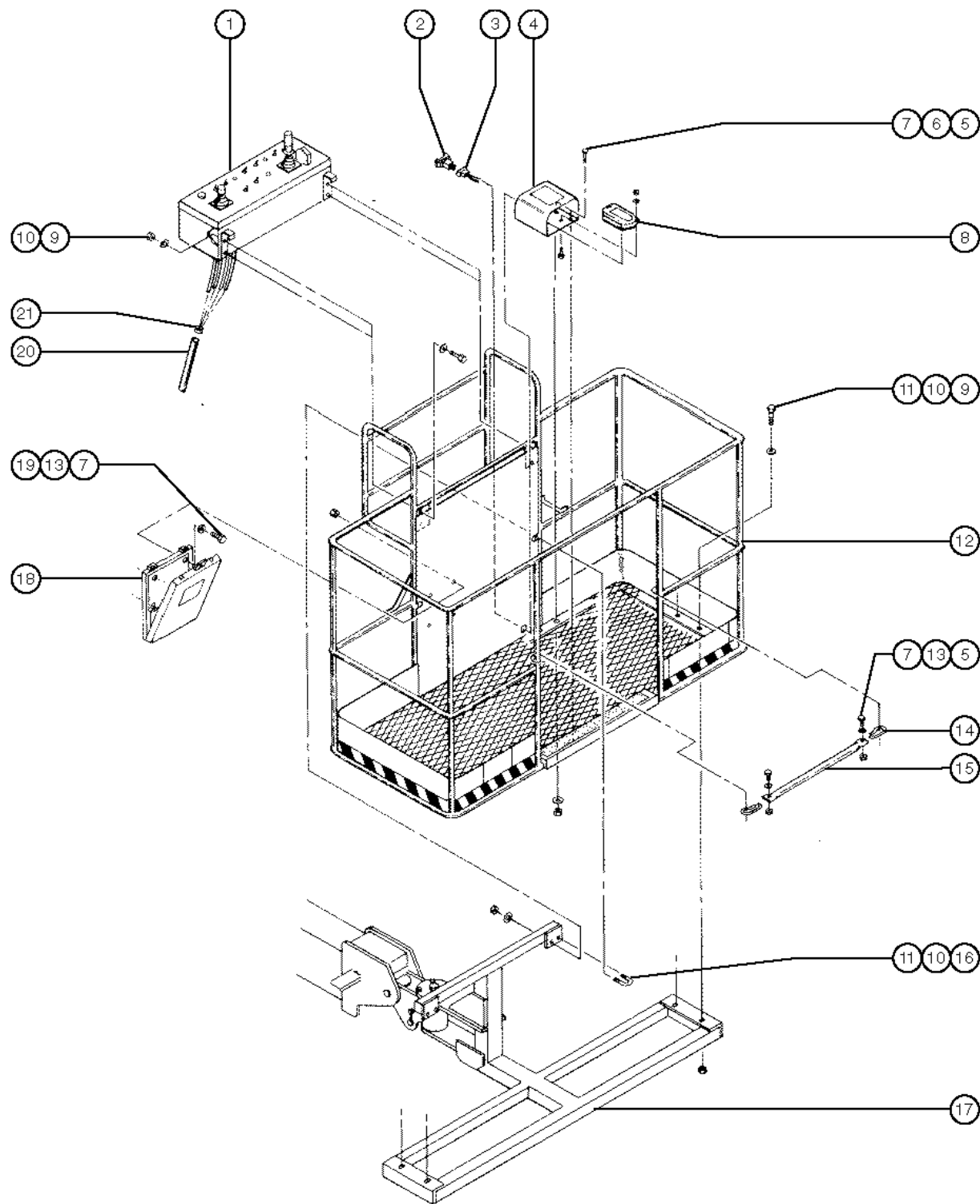
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29	45703GT	CONNECTOR,070120-8-8	2
30	45412GT	CONNECTOR,070120-6-6	4
31	45412GT	CONNECTOR,070120-6-6	2

610.1 Jib Detail



Item	Part No.	Description	Qty.
1	128513GT	SERVICE KIT,5FT JIB required for first time replacement (includes part number 128534)	
1-	128534GT	JIB BOOM ASSY W/WORD DECAL use ONLY if service kit 128513 has been installed on the machine	1
1-	128515GT	SERVICE KIT, 5FT JIB, ARCTIC Arctic option, required for first time replacement	
2	8255GT	SCREW,HHC,3/8-16 X .75	
3	6021GT	WASHER, LOCK, .375	
4	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	1
5	119542GT	CLAMP,TWO HOSE	1
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
7	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	8915GT	SCREW, HHC, 1/4-20 X 1.25	
12	128482GT	HOSE GUIDE, JIB	1
13	128483GT	BACKING PLATE, HOSE BLOCK, JIB	2
14	128501GT	CLAMP,JIB HOSE/CABLE	2
14-	128519GT	CLAMP,JIB HOSE/CABLE,ARCTIC (part of the Arctic hose option)	
15	128724GT	BOLT,CARRIAGE,1/4-20 X 2.75,G2	
16	128454PGT	COVER, JIB HOSES/CABLES	1
17	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	
18	5224GT	SCREW,HHC,3/8-16 X 2	
19	5397GT	WASHER, FLAT, USS, 5/16-18	
20	4828GT	NUT, NYLOCK, 3/8-16	
21	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	2

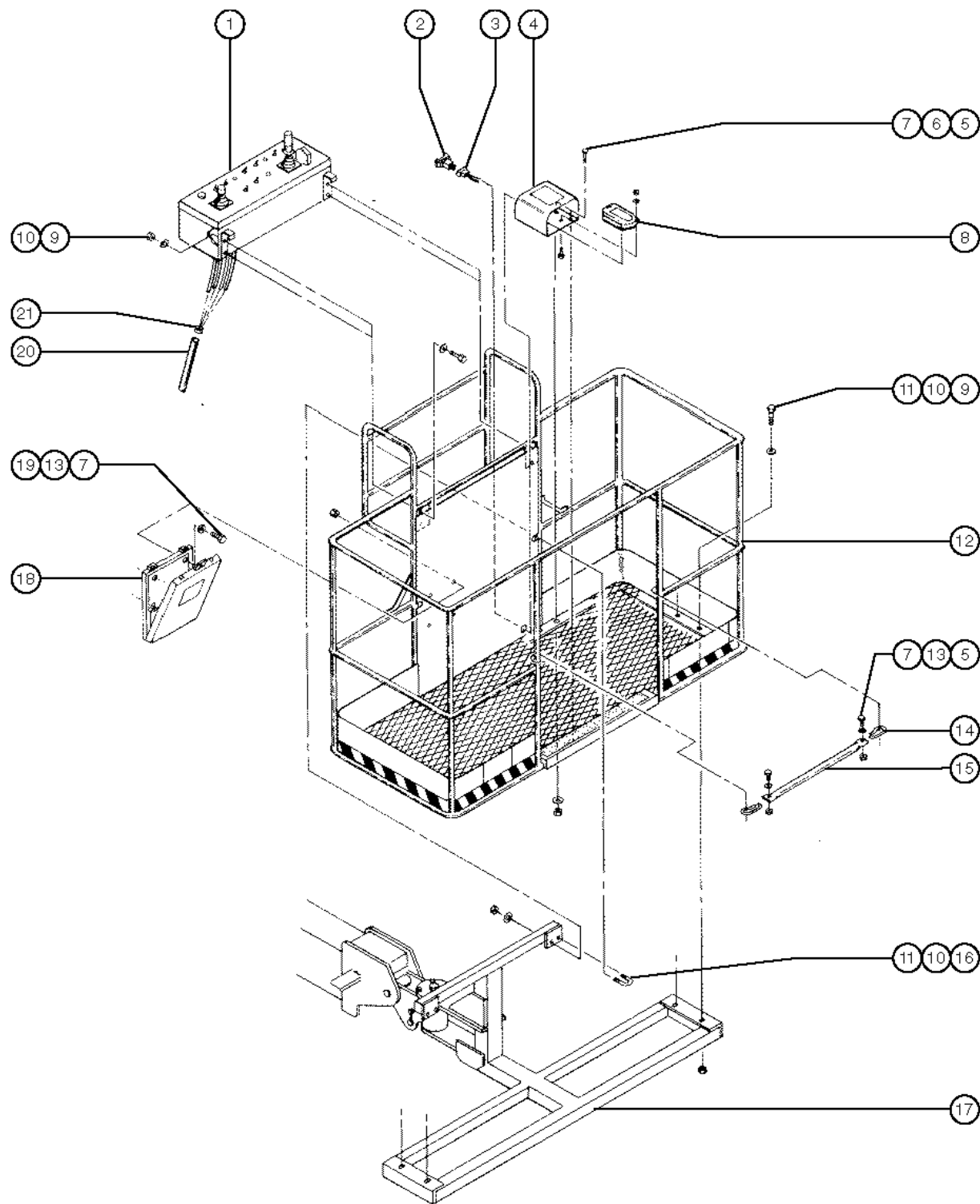
701.1 Platform Installation



701.1 Platform Installation

Item	Part No.	Description	Qty.
1		Ref. Platform Controls (refer to figures 702.1 and 703.1)	
2	32708GT	HARNESS ASSY, FOOTSWITCH	1
2-	45313GT	PLUG,W/LATCH,4 POLE,ANDERSON	1
2-	22431GT	TERMINAL,ANDERSON,30A 12-16 GA	1
2-	22432GT	ANDERSON HOUSING,15-45 AMP BLK	1
2-	22433GT	ANDERSON HOUSING,15-45,AMP,WHT	1
2-	22435GT	ANDERSON HOUSING,15-45 AMP GRN	1
2-	45200GT	SPACER,SHORT ANDERSON	1
2-	45202GT	PIN,ROLL,.094 X .875	1
3	32709GT	CONNECTOR ASSY,FOOTSWITCH S40	1
3-	45139GT	RECEPT.,SNAP-IN,4 POLE ANDERSN	1
3-	22431GT	TERMINAL,ANDERSON,30A 12-16 GA	1
3-	22432GT	ANDERSON HOUSING,15-45 AMP BLK	1
3-	22433GT	ANDERSON HOUSING,15-45,AMP,WHT	1
3-	22435GT	ANDERSON HOUSING,15-45 AMP GRN	1
3-	45201GT	SPACER,LONG ANDERSON	1
3-	45202GT	PIN,ROLL,.094 X .875	1
4	32710GT	GUARD,FOOTSWITCH,W/DECAL STEEL	1
5	6888GT	SCREW, HHC, 1/4-20 X 1	4
6	12906GT	WASHER,FENDER,.25 X 1.25 X.062	2
7	6091GT	NUT,NYLOCK,1/4-20	8
8	13482GT	FOOT SWITCH*** includes mounting fasteners	1
8-	20262GT	MICROSWITCH,13482 FOOTSWITCH	1
9	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
10	6097GT	WASHER, FLAT, USS, 3/8", Y	12
11	4828GT	NUT, NYLOCK, 3/8-16	8
12		PLAT.ASSY,6FT-S40/S60-95'& S80 older platform 32704 is no longer available, order Side Swing Gate Platform Assy 1286759GT	1

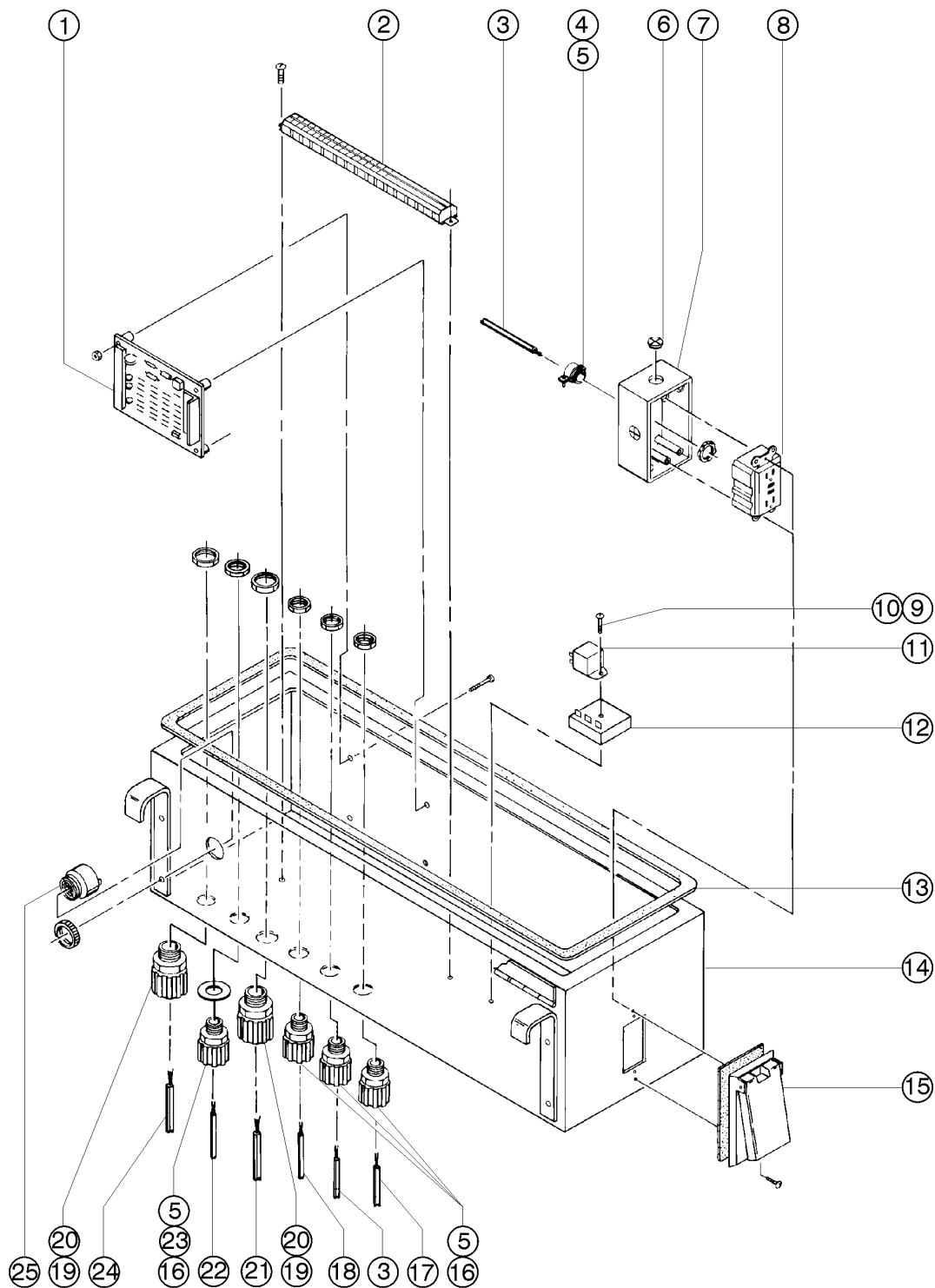
701.1 Platform Installation



701.1 Platform Installation

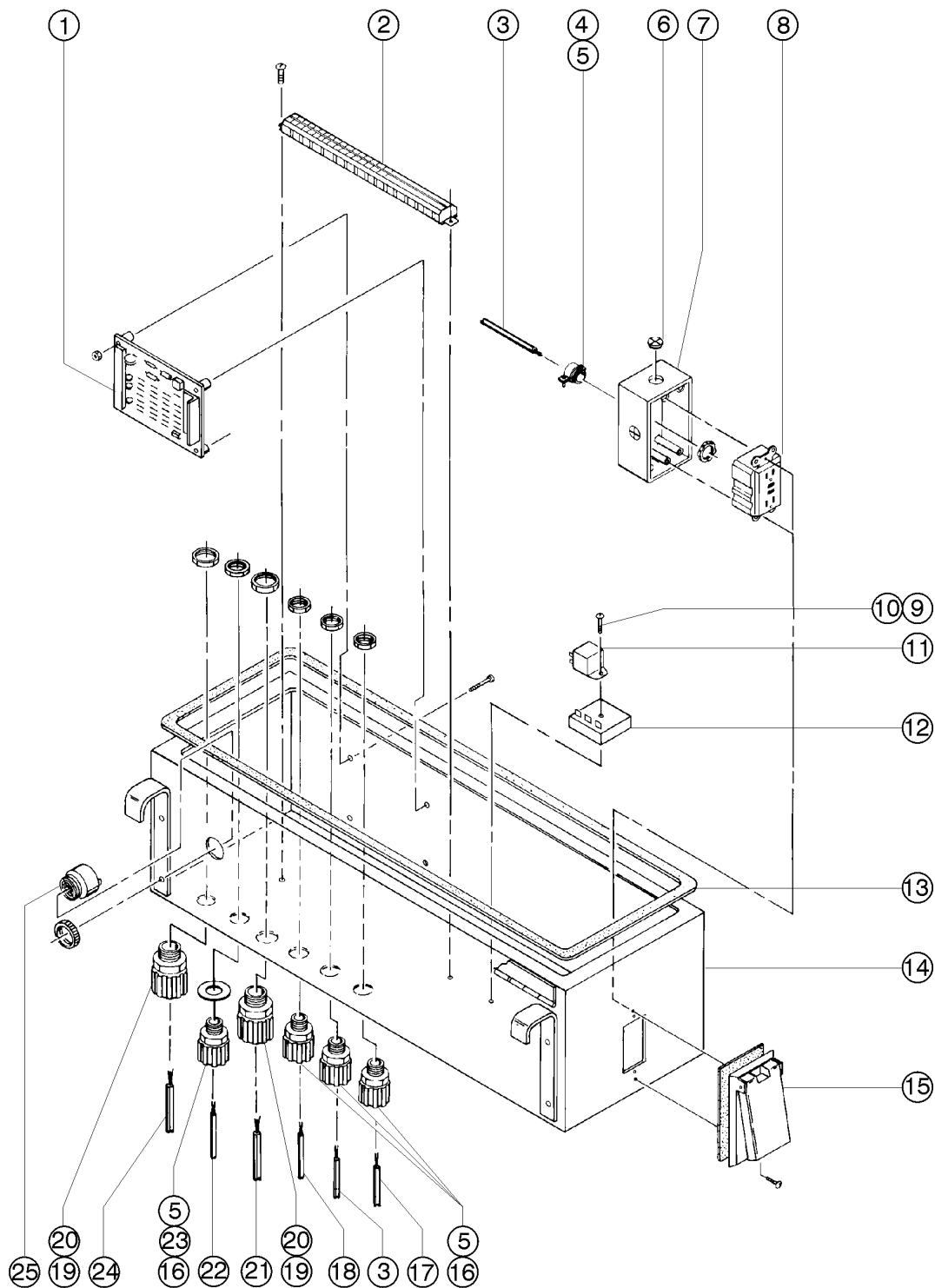
Item	Part No.	Description	Qty.
12-		PLAT. ASSY,EURO,6 FT, S40 older platform 32706 is no longer available, order Side Swing Gate Platform Assy 1286759GT	1
12-	1286759GT	PLAT ASSY,6',S40/60/80,SERV-1	
12-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*	1
12-		PLAT. ASSY,8 FT,SERV,S40/60/80 older platform 32705 is no longer available, order Side Swing Gate Platform Assy 1286760GT	1
12-		PLAT. ASSY,EURO,8 FT, S40 older platform 32707 is no longer available, order Side Swing Gate Platform Assy 1286760GT	1
12-	1286760GT	PLAT ASSY,8',S40/60/80,SERV-1	
12-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*	1
13	6638GT	WASHER, FLAT, USS, 1/4"Y	6
14	12443GT	MIDRAIL GUIDE (HOOK)	2
15	102992GT	SLIDING MIDRAIL KIT,PTD includes index numbers 5, 7, 13 and 14	1
15-	139451GT	TUBE,SLIDING MIDRAIL,PAINTED	1
15-	20973GT	WIRE LOOM,3/8 POLY SLIT	1
15-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	1
16	6550GT	U-BOLT,3/8 X 1 YZ	2
17		Ref. Platform Mount and Leveling (refer to figures 606.1 or 607.1)	2
18A	44743GT	MANUAL BOX W/DECALS*** USA/Canada/Australia	1
18B	24514GT	BOX, INSTRUCTION STORAGE** Europe/Asia/South America (decals required; refer to Section 100)	
19	6090GT	SCREW, HHC, 1/4-20 X .75	4
20	28678GT	SLEEVE,NYLON,2" I.D.,BULK(100')	45 in ch es
21	28443GT	CABLE TIE, 11.5" BLACK	3

702.1 Platform Controls - View 1



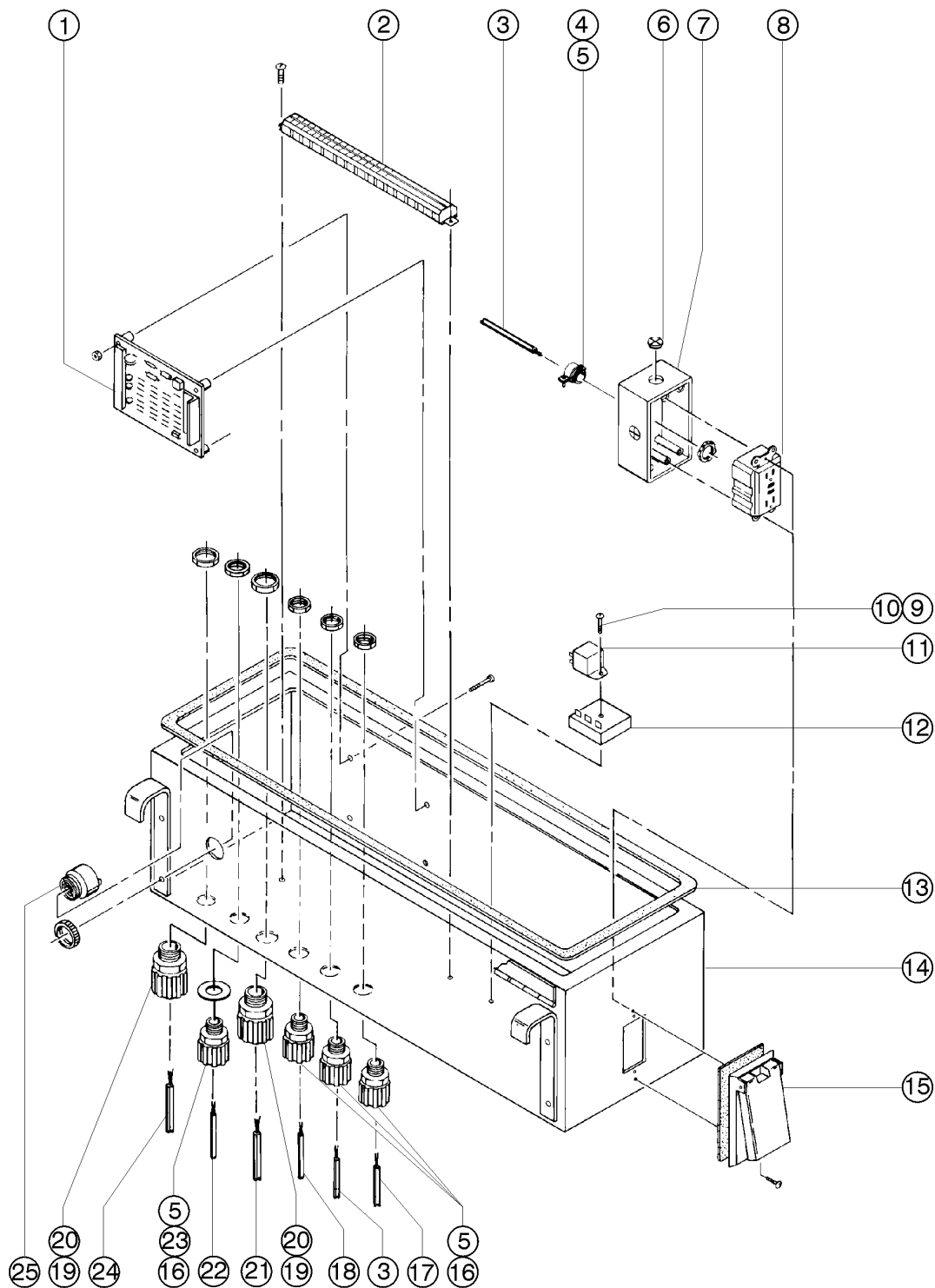
Item	Part No.	Description	Qty.
1		LIMITER PC BOARD, HORSEPOWER (includes mounting fasteners), no longer available	1
1-	39591GT	SPACER,NYLON,.375 sold separately	
2	32637GT	TERMINAL BLOCK,WAGO	48
3	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT* (S-80 models)	12 00 in ch es
4	6622GT	GROUND CONNECTOR,1/2"	1
5	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
6	8843GT	COVER,KNOCK OUT HOLE,4 PER BAG	1
7	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
8	13585GT	OUTLET, 110V	1
8-	19975GT	RECEPTACLE - BRITISH, 110V	1
13	27115GT	GASKET,UPPER CONTROL BOX	1
14	33474GT	CONTROL BOX W/DECAL,PLAT. includes 1 each index number 13	1
15	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners	1
16	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	3
17	32708GT	HARNESS ASSY, FOOTSWITCH	1
18	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL (S-80 models)	12 00 in ch es
19	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	2
20	14041GT	LOCKNUT,ELECTRIC,3/4"	2
21	35934GT	WIRE CABLE,18/19 CON.TPRJKT (S-80 models)	12 00 in ch es
22	35934GT	WIRE CABLE,18/19 CON.TPRJKT (S-80 models)	12 00 in ch es
23	34769GT	WASHER,REDUCING 3/4" TO 1/2"	1
25	45383GT	ALARM,WARBLE TONE 5-30 VDC***	1

702.2 Platform Controls - View 1



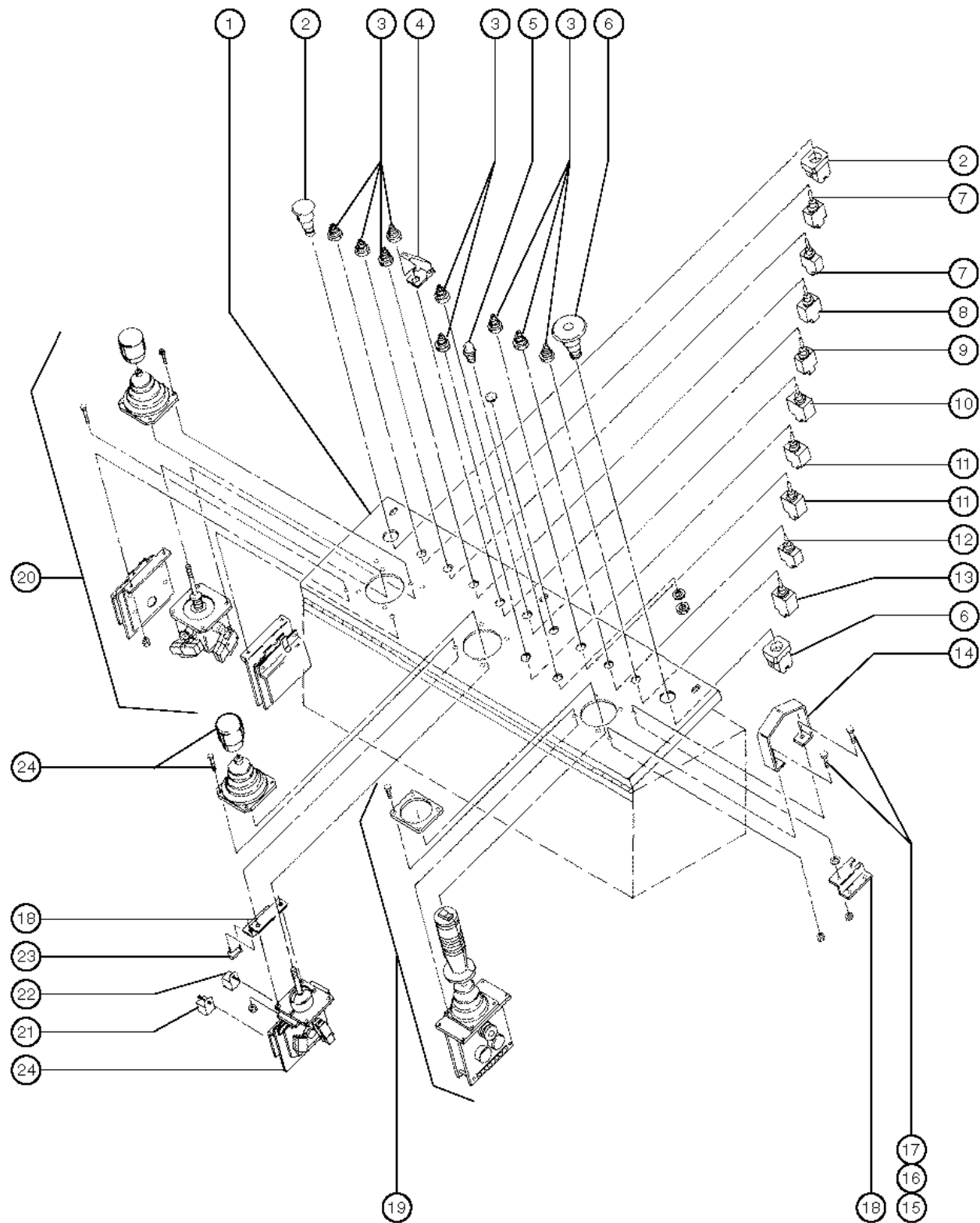
Item	Part No.	Description	Qty.
1		LIMITER PC BOARD, HORSEPOWER (includes mounting fasteners), no longer available	1
1-	39591GT	SPACER,NYLON,.375 sold separately	
2	32637GT	TERMINAL BLOCK,WAGO	48
3	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT* (S-85 models)	12 72 in ch es
4	6622GT	GROUND CONNECTOR,1/2"	1
5	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
6	8843GT	COVER,KNOCK OUT HOLE,4 PER BAG	1
7	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
8	13585GT	OUTLET, 110V	1
8-	19975GT	RECEPTACLE - BRITISH, 110V	1
9	6179GT	SCREW,RHM,10-32 X 1.25	1
10	6178GT	NUT, NYLOCK, 10-32	1
11	19274GT	RELAY,SPDT,12V(AUTO)**	1
12	43181GT	CAPACITOR,TIME DELAY	1
13	27115GT	GASKET,UPPER CONTROL BOX	1
14	33474GT	CONTROL BOX W/DECAL,PLAT. includes 1 each index number 13	1
15	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners	1
16	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	4
17	32708GT	HARNESS ASSY, FOOTSWITCH	1
18	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL (S-85 models)	12 72 in ch es
19	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	2
20	14041GT	LOCKNUT,ELECTRIC,3/4"	2
21	35934GT	WIRE CABLE,18/19 CON.TPRJKT	12 72 in ch es
22	35934GT	WIRE CABLE,18/19 CON.TPRJKT	12 72 in ch es

702.2 Platform Controls - View 1



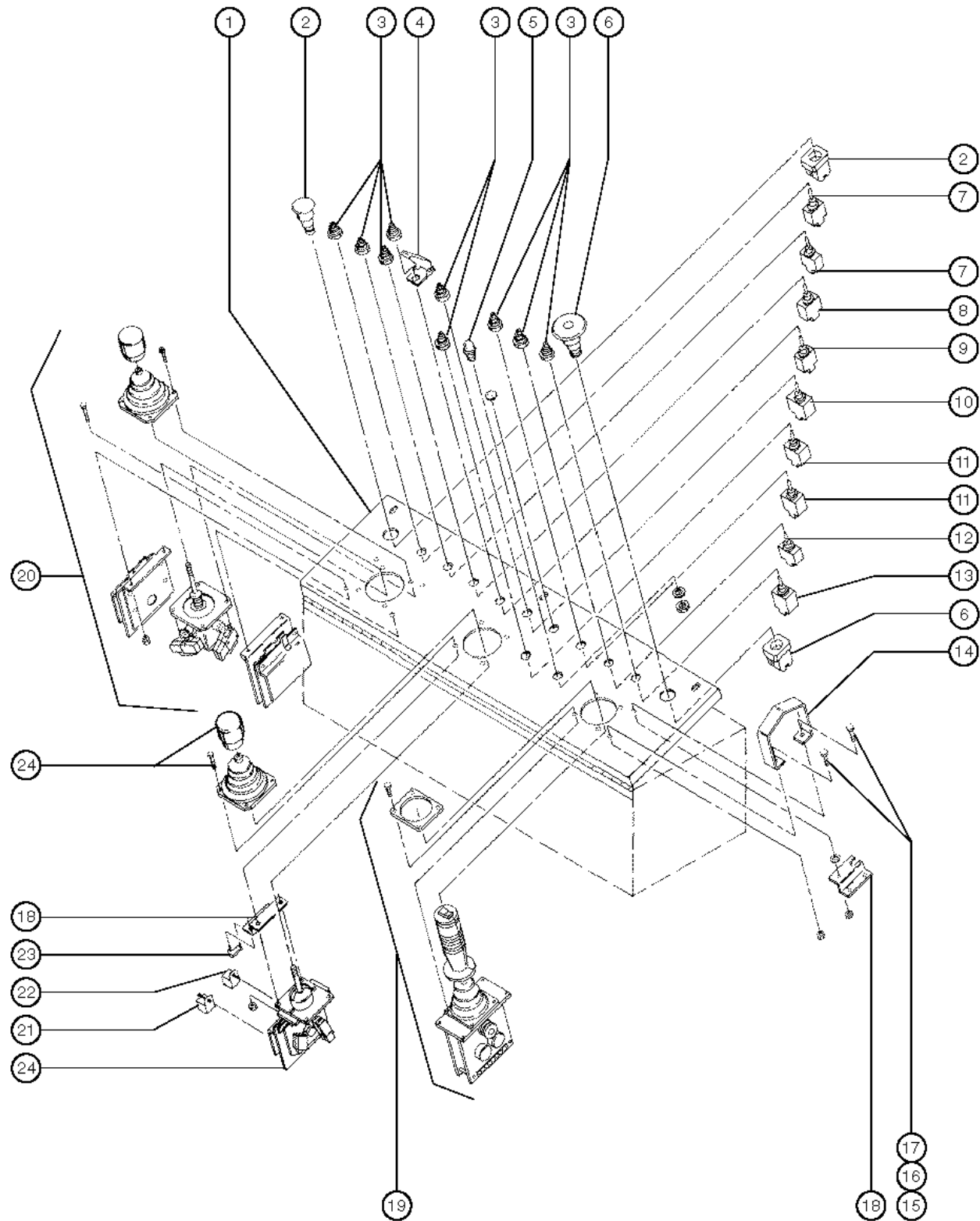
Item	Part No.	Description	Qty.
23	34769GT	WASHER,REDUCING 3/4" TO 1/2"	1
24	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT* (S-85 models)	12 72 in ch es
25	45383GT	ALARM,WARBLE TONE 5-30 VDC***	1

703.1 Platform Controls - View 2



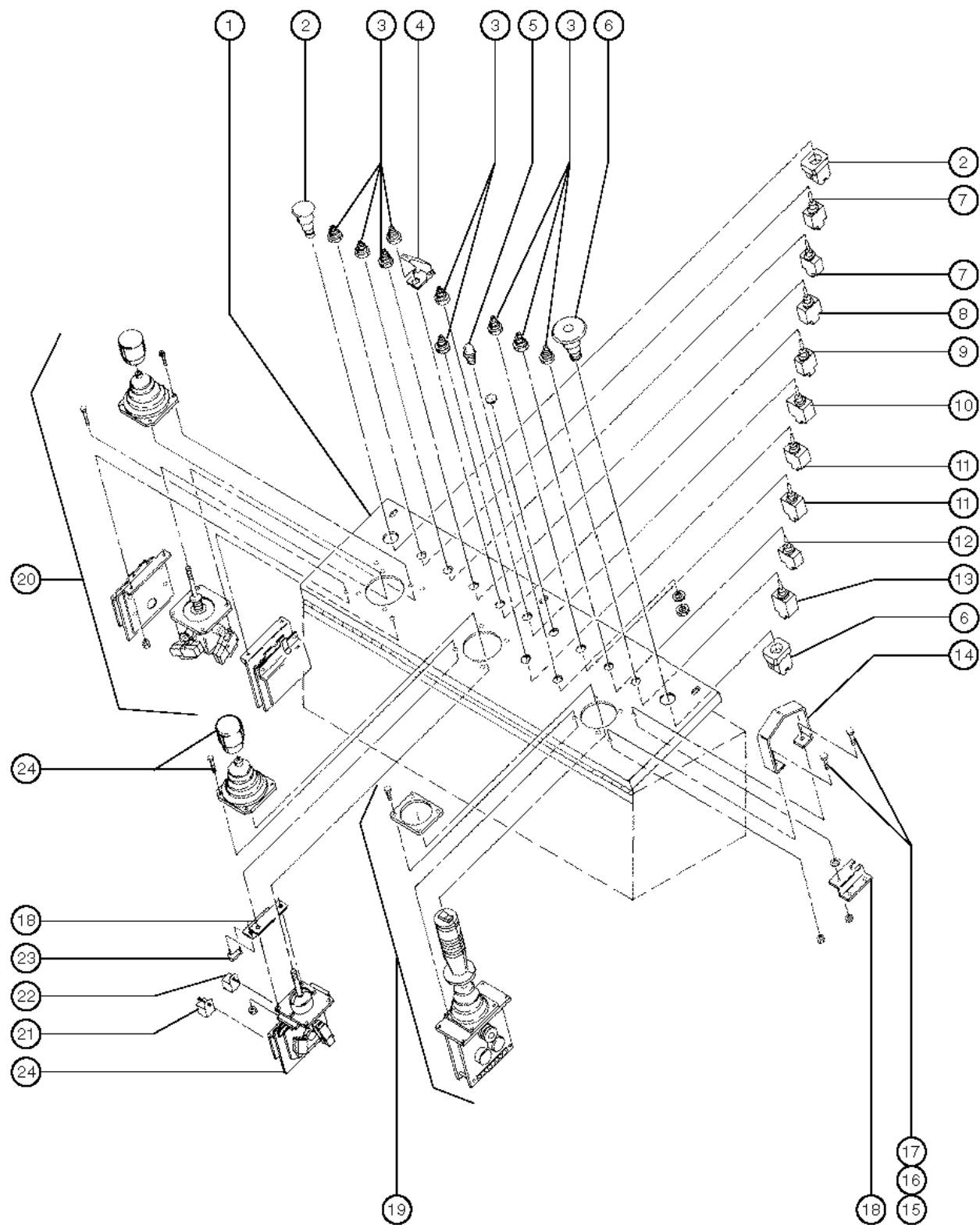
Item	Part No.	Description	Qty.
1	33474GT	CONTROL BOX W/DECAL,PLAT.	1
2	122513GT	KIT,HORN SVC BB&SM BOOM	1
2-	66813GT	BUTTON,PUSH,BLACK W/SEAL*** includes 1 each N.O. Contact	1
2-	66815GT	BASE, W/1 N.O. CONTACTS***	1
2-	66816GT	CONTACT,N.O.***	1
3	27246GT	BOOT,TOGGLE SWITCH,SHORT*	9
4	13471GT	COVER, AUXILIARY POWER SWITCH	1
5	824879GT	LIGHT,LED IND. RED 12V NH	1
6	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
6-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
6-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
6-	66818GT	CONTACT,NC includes 2 each N.C. Contacts	1
6-	66821GT	BASE,WITHOUT CONTACTS	1
7	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM includes mounting fasteners	2
9	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM includes mounting fasteners	1
10	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners	1
11	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners	2
12	128206GT	SWITCH TOGGLE ASSY DPDT 3P MNT includes mounting fasteners	1
14	27033PGT	SUPPORT,WRIST,PAINTED-BLUE	1
15	8914GT	SCREW, HHC, 1/4-20 X .625	2
16	6638GT	WASHER, FLAT, USS, 1/4"Y	2
17	6091GT	NUT,NYLOCK,1/4-20	2
18	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	2
19	20424GT	JOYSTICK CONTROLLER,12V OEM joystick	1
19-	202424HGT	JOYSTICK CONTROLLER,12V aftermarket joystick replacement	
20	40613GT	JOYSTICK,DUAL AXIS CONTROLL.** OEM joystick	1
20-	40613HGT	JOYSTICK,DUAL AXIS CONTROLL.** aftermarket joystick replacement	
22	19274GT	RELAY,SPDT,12V(AUTO)**	1

703.1 Platform Controls - View 2



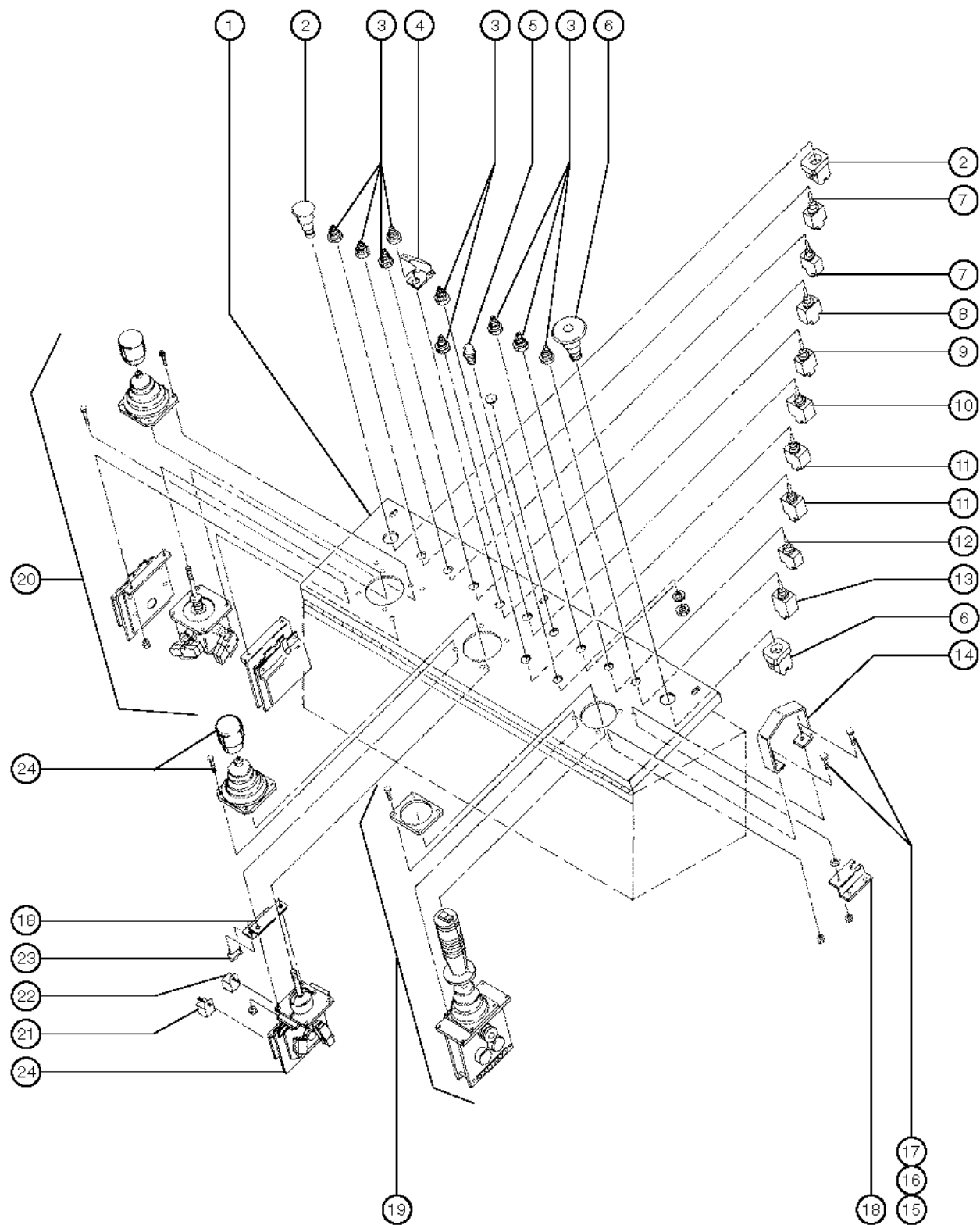
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23	27116GT	RESISTOR,100 OHM,25 WATT 4WD models	1
23-	34798GT	RESISTOR,150 OHM,25 WATT 2WD models	1
24	24495GT	JOYSTICK,SINGLE AXIS PROPORT OEM joystick	1
24-	24495HGT	JOYSTICK,SINGLE AXIS PROPORT aftermarket joystick replacement	

703.2 Platform Controls - View 2



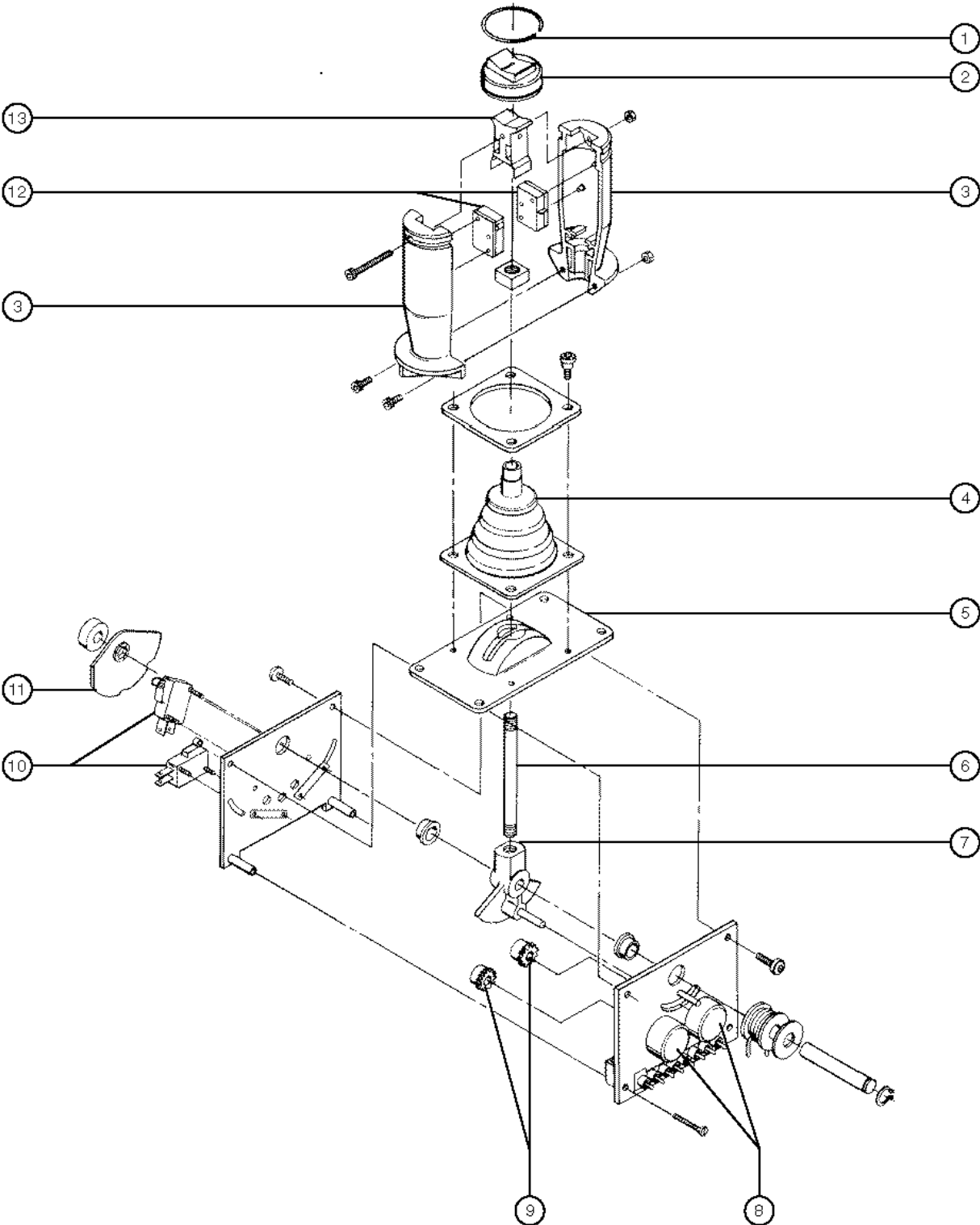
Item	Part No.	Description	Qty.
1	33474GT	CONTROL BOX W/DECAL,PLAT.	1
2	122513GT	KIT,HORN SVC BB&SM BOOM	1
2-	66813GT	BUTTON,PUSH,BLACK W/SEAL*** includes 1 each N.O. Contact	1
2-	66815GT	BASE, W/1 N.O. CONTACTS***	1
2-	66816GT	CONTACT,N.O.***	1
3	27246GT	BOOT,TOGGLE SWITCH,SHORT*	9
4	13471GT	COVER, AUXILIARY POWER SWITCH	1
5	824879GT	LIGHT,LED IND. RED 12V NH	1
6	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
6-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
6-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
6-	66818GT	CONTACT,NC includes 2 each N.C. Contacts	1
6-	66821GT	BASE,WITHOUT CONTACTS	1
7	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM includes mounting fasteners	2
8	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners	1
9	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM includes mounting fasteners	1
10	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners	1
11	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners	2
12	128206GT	SWITCH TOGGLE ASSY DPDT 3P MNT includes mounting fasteners	1
13	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners	1
14	27033PGT	SUPPORT,WRIST,PAINTED-BLUE	1
15	8914GT	SCREW, HHC, 1/4-20 X .625	2
16	6638GT	WASHER, FLAT, USS, 1/4"Y	2
17	6091GT	NUT,NYLOCK,1/4-20	2
18	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	2
19	20424GT	JOYSTICK CONTROLLER,12V OEM joystick	1
19-	20424HGT	JOYSTICK CONTROLLER,12V aftermarket joystick replacement	
20	40613GT	JOYSTICK,DUAL AXIS CONTROLL.** OEM joystick	1

703.2 Platform Controls - View 2



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
20-	40613HGT	JOYSTICK,DUAL AXIS CONTROLL.** aftermarket joystick replacement	
21	19274GT	RELAY,SPDT,12V(AUTO)** 1	1
22	19274GT	RELAY,SPDT,12V(AUTO)** 1	1
23	27116GT	RESISTOR,100 OHM,25 WATT 1 4WD models	1
23-	34798GT	RESISTOR,150 OHM,25 WATT 1 2WD models	1
24	24495GT	JOYSTICK,SINGLE AXIS PROPORT 1 OEM joystick	1
24-	24495HGT	JOYSTICK,SINGLE AXIS PROPORT aftermarket joystick replacement	

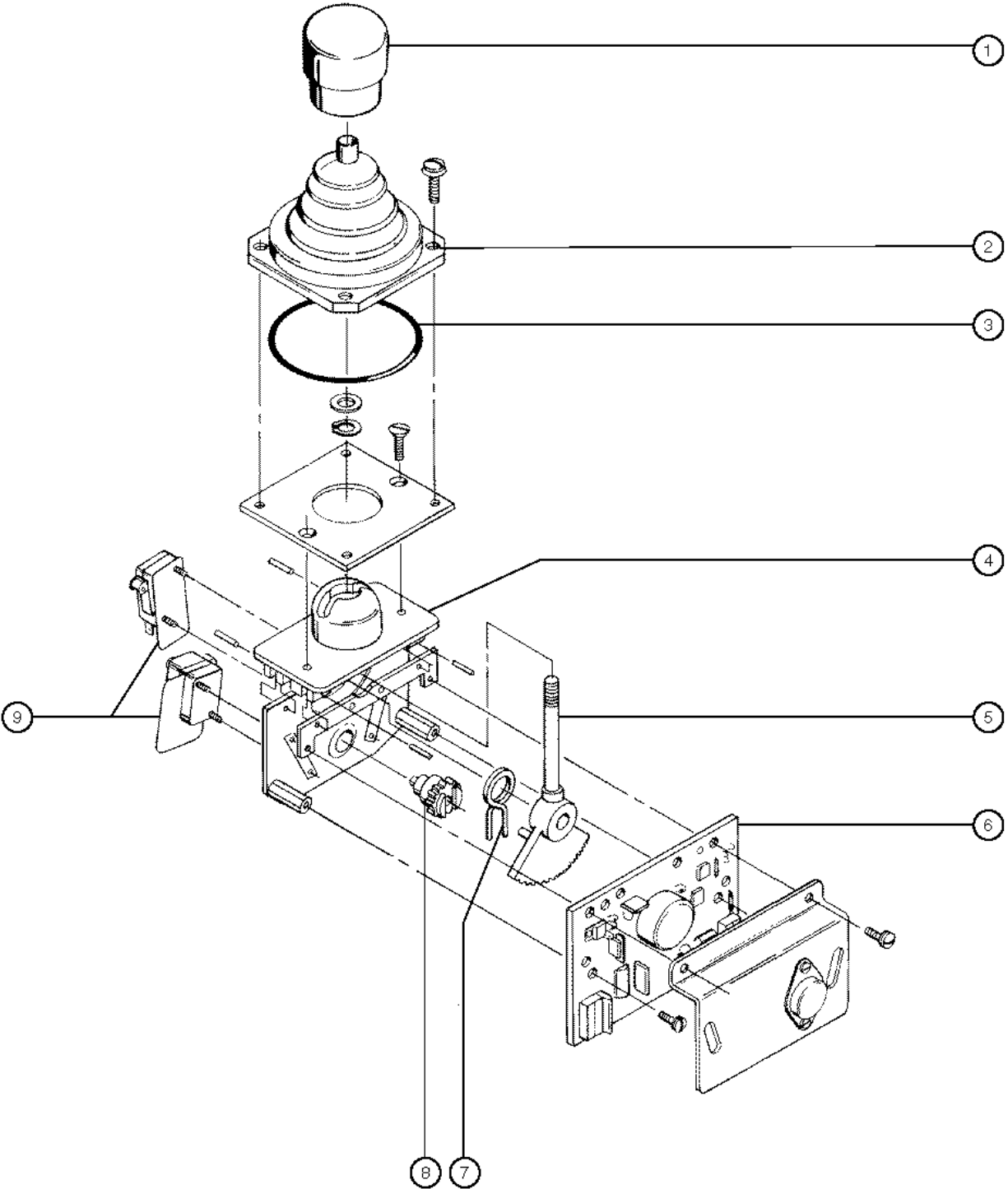
704.1 Joystick Controller - Drive / Steer Functions



704.1 Joystick Controller - Drive / Steer Functions

Item	Part No.	Description	Qty.
	20424GT	JOYSTICK CONTROLLER,12V OEM joystick, contains all shown service parts	
	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	22368GT	BOOT (20424)	1
5	25884GT	COVER CASTING,20424 CONTROLLER	1
6	25886GT	SHAFT,W/NC STLY BLOCK,(20424)*	1
7		GEAR CASTING,20424 CONTROLLER part no longer available; consult factory	1
8	22364GT	POTENTIOMETER (20424)	2
9	22367GT	SPUR GEAR (20424)	2
10	22365GT	SWITCH (20424)	2
11	22366GT	CAM ASSY (20424)	1
12	23680GT	SWITCH,HANDLE,20424	2
13	23688GT	ROCKER ASSY,HANDLE (20424)***	1

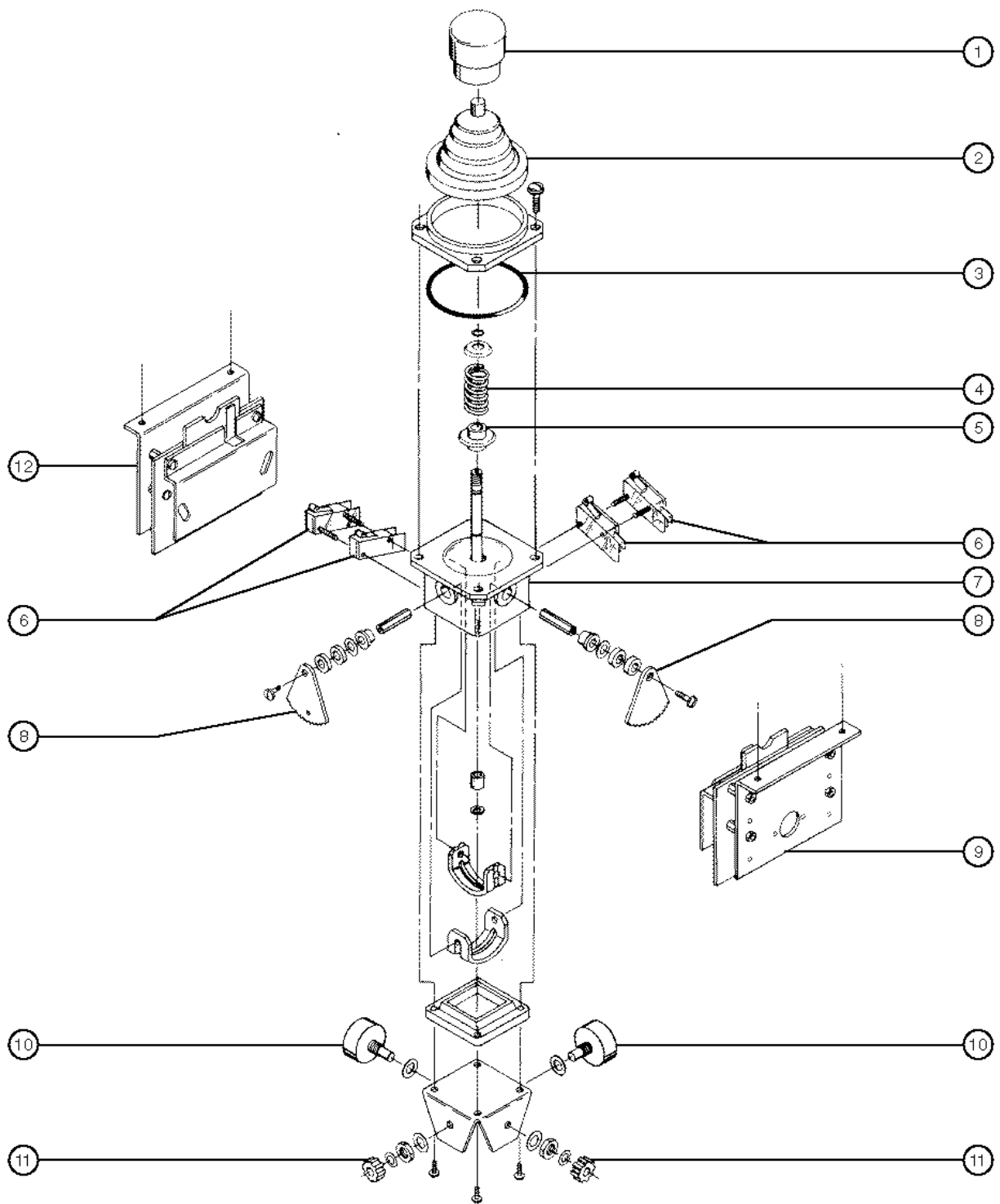
705.1 Joystick Controller - Boom Functions, Single Axis



705.1 Joystick Controller - Boom Functions, Single Axis

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	24495GT	JOYSTICK,SINGLE AXIS PROPORT OEM joystick, contains all shown service parts	
	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	21434GT	SPRING & BUSHING KIT,RETURN***	1
8	19731GT	GEAR, SLAVE, MS4,45048	1
9	19712GT	MICROSWITCH,V3L-139-D8	2

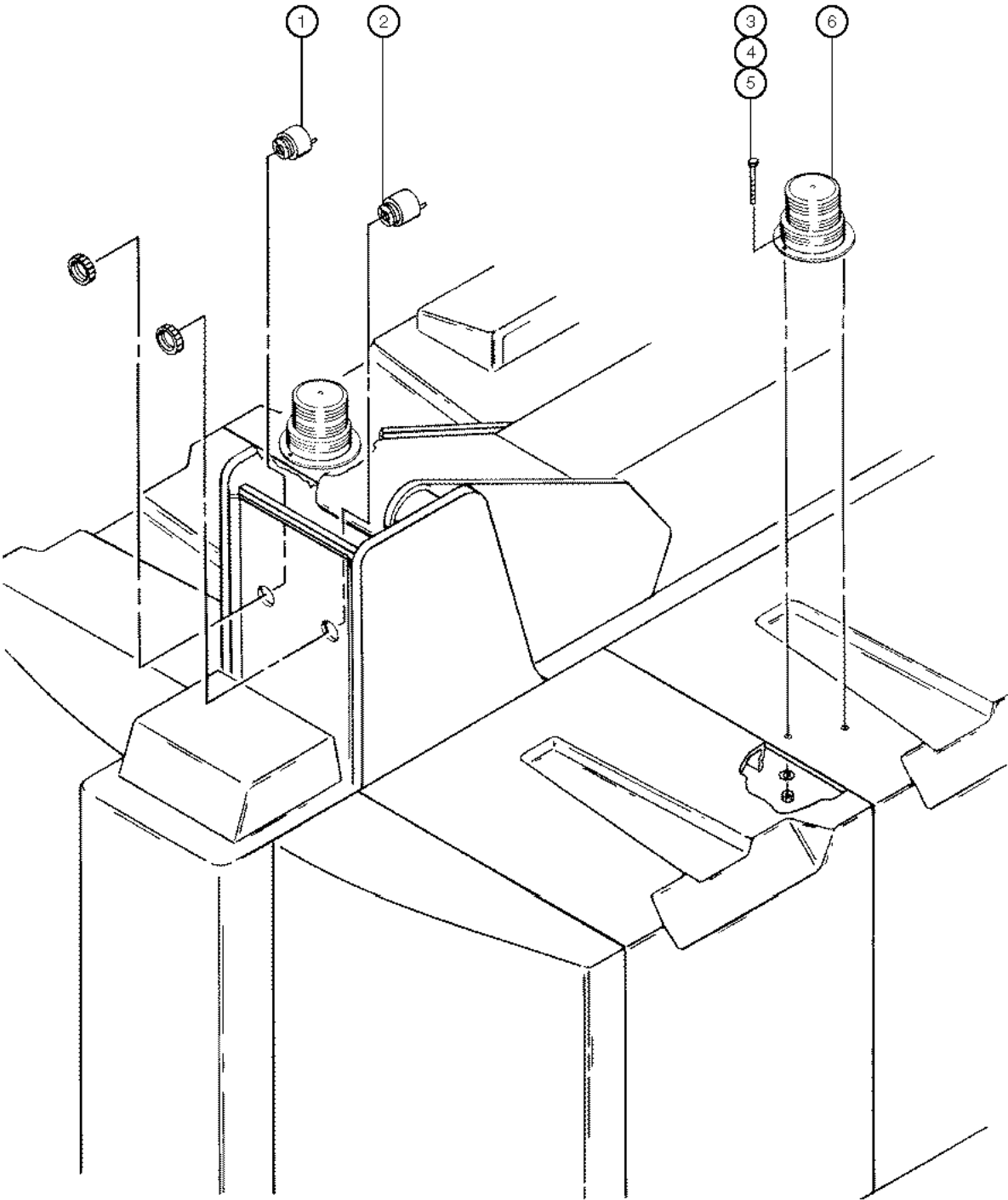
706.1 Joystick Controller - Boom Functions, Dual Axis



706.1 Joystick Controller - Boom Functions, Dual Axis

Item	Part No.	Description	Qty.
	40613GT	JOYSTICK,DUAL AXIS CONTROLL.** OEM joystick, contains all shown service parts	
	40613HGT	JOYSTICK,DUAL AXIS CONTROLL.** aftermarket joystick replacement	
1	27133GT	HANDLE,CAP,CONTROLLER	1
2	27134GT	BOOT,CONTROLLER	1
3	31526GT	O-RING,BOOT,CONTROLLER	1
4		SPRING,24493 CONTROLLER no longer available	1
5	31283GT	BUSHING,SPRING SEAT	1
6	19712GT	MICROSWITCH,V3L-139-D8	4
7	31284GT	SHAFT ASSY W/HOUSING	1
8	27512GT	JOYSTICK, DRIVE GEAR, (24493)	2
9	48413GT	PCB,ASSY,BOOM ROTATE,40613*	1
10	72356GT	POTENTIOMETER (40613) (round body) (supplier p/n EPVR-342)	
10-	83088GT	POTENTIOMETER (40613) (square body) (supplier p/n EPVR-464)	
10-	58923GT	SADDLE BRCKT40613,34419,53073*	
11	27514GT	GEAR, SLAVE, 24493	2
12	48414GT	PCB,ASSY,BOOM UP/DOWN,40613***	1

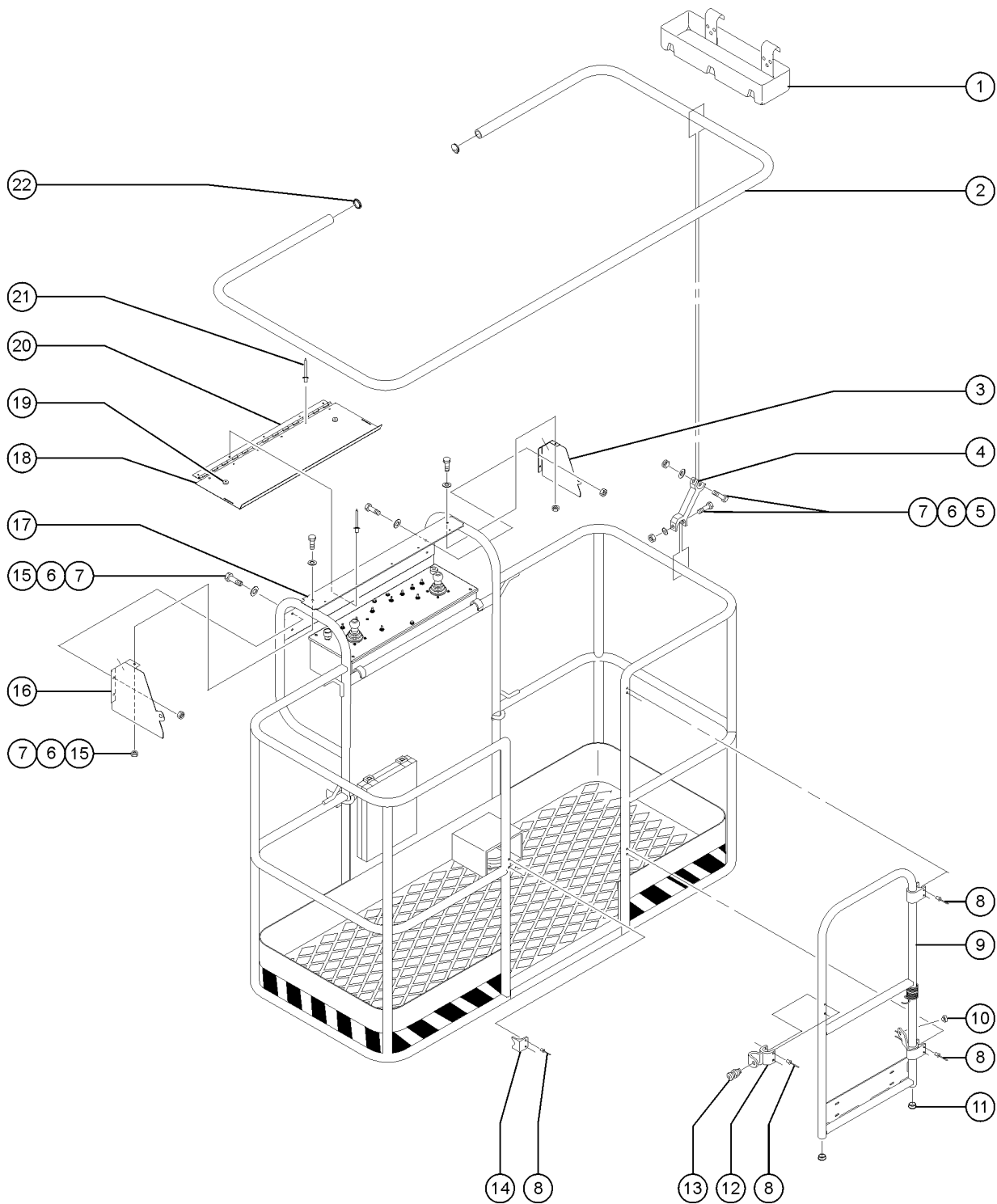
801.1 Alarm and Beacon Package



801.1 Alarm and Beacon Package

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	30619GT	OPTION,ALARM PKG, STICK BOOM	
1	45462GT	ALARM,CHIME TONE 5-25VDC*** Does not include 72326 nut	1
1-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
2	18963GT	ALARM, INTERMITTENT TONE 6-30V* Does not include 72326 nut	1
2-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
3	6066GT	SCREW,RHM,10-32 X .38	6
4	6146GT	WASHER,FLAT,MS,#10,Y	6
5	6178GT	NUT, NYLOCK, 10-32	6
6	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** (replaced 20189)	2
6-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
6-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
6-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	

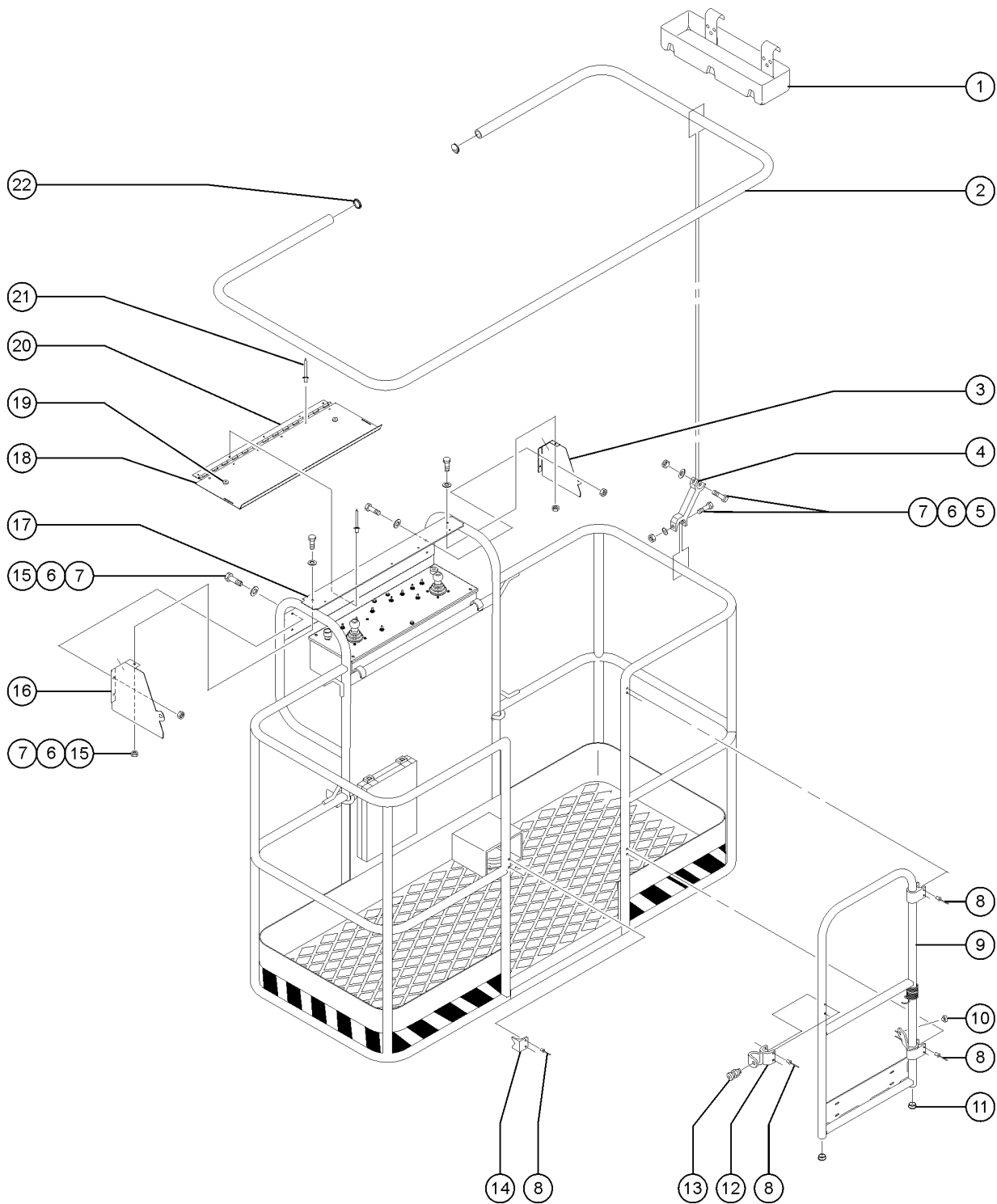
802.1 Platform Options



802.1 Platform Options

Item	Part No.	Description	Qty.
1	9599-SGT	TOOL TRAY ACCESSORY***	1
2	1259704GT	PINCH GUARD RAIL,6' PLATFORM includes 55753 bumpers	1
2-	52661GT	PINCH GUARD RAIL,8' PLATFORM**	1
3	119797GT	CONTROL BOX COVER, RIGHT SIDE*	
4	28807GT	SUPPORT,RAILING	10
5	4266GT	SCREW,HHC,1/4-20 X 2	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	6889GT	NUT,LP NYLOCK,1/4-20	
8	7265GT	RIVET,STEEL,P, .25 X .375	14
9	128368GT	KIT,SWING GATE W/SPRING	1
9	1290135GT	KIT,HALF FRONT,SWING GATE	
9A-	1488GT	RAILING CATCH CASTING--DRILLED	
9A-	1487GT	GATE LATCH CASTING--DRILLED	
9A-	33674GT	PIN,LOCK,SHORT***	
9A-	9596GT	HINGE CASTING Special welding requirements for installation of this component. Strongly suggest ordering 128368 OR contact Genie Service for welding requirements.	
10	43392GT	BUMPER,BATTERY BOX & RAILS	1
11	31120GT	PLUG,NYLON 1.187 BLACK DOMED	2
12	1487GT	GATE LATCH CASTING--DRILLED	1
13	63311GT	SNAP PIN	1
14	1488GT	RAILING CATCH CASTING--DRILLED	1
15	6090GT	SCREW, HHC, 1/4-20 X .75	
16	119796GT	CONTROL BOX COVER,LEFT SIDE**	
17	119562PGT	GUARD,PLATFORM CNTRL PANEL PTD	
17-	119642GT	KIT,PLAT CONTROL PANEL GUARD** includes part 119562P, required for first time installation	
18	89915PGT	COVER,CONTROL BOX LID	
18-	119795GT	KIT,CONTROL BOX COVER includes part 89915P, index number 17 is required for first time installation	
19	43392GT	BUMPER,BATTERY BOX & RAILS	
20	111526GT	HINGE,PLAT CONTROL BOX COVER	

802.1 Platform Options

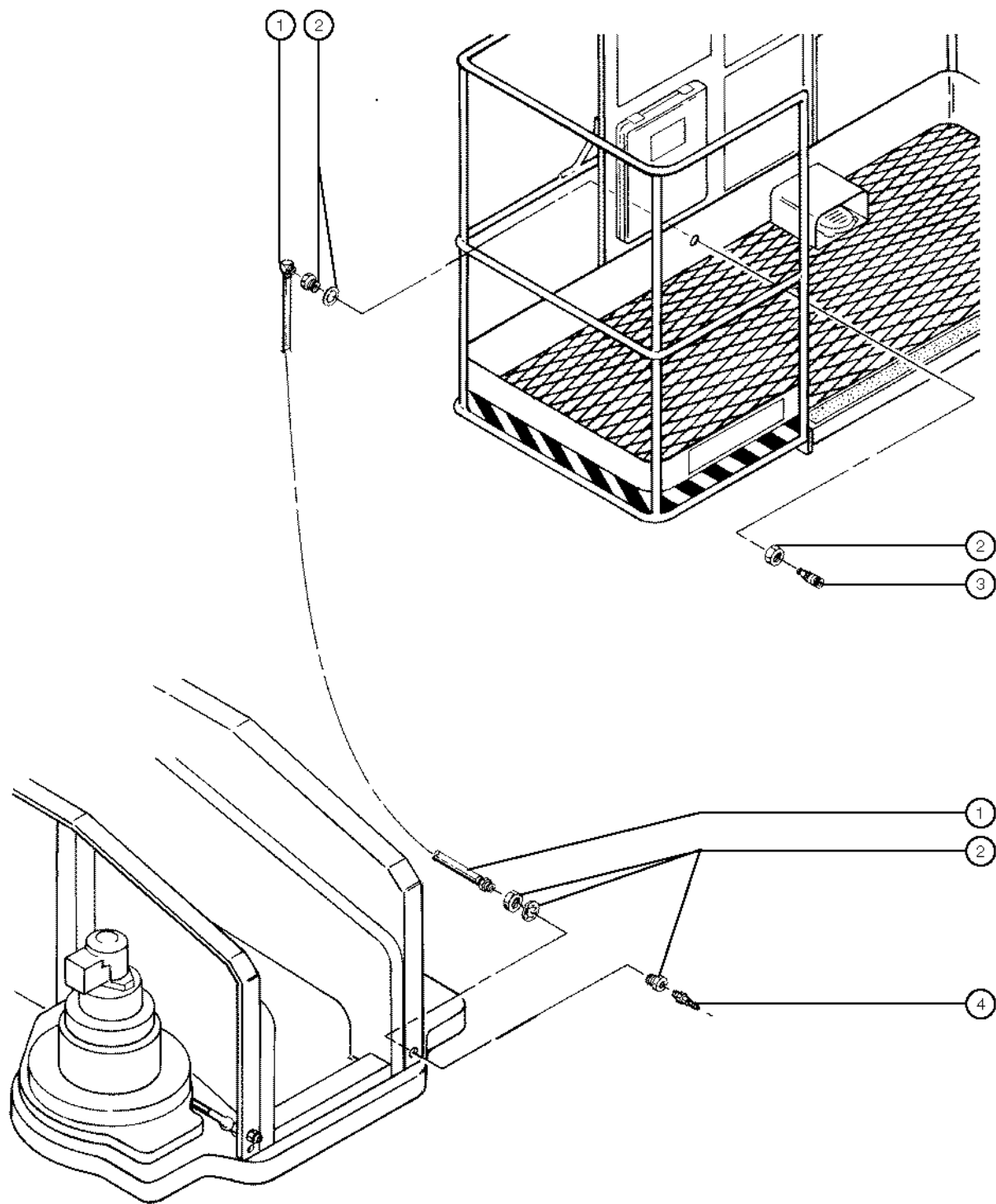


802.1 Platform Options

Item	Part No.	Description	Qty.
21	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	
22	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2



803.1 Airline to Platform

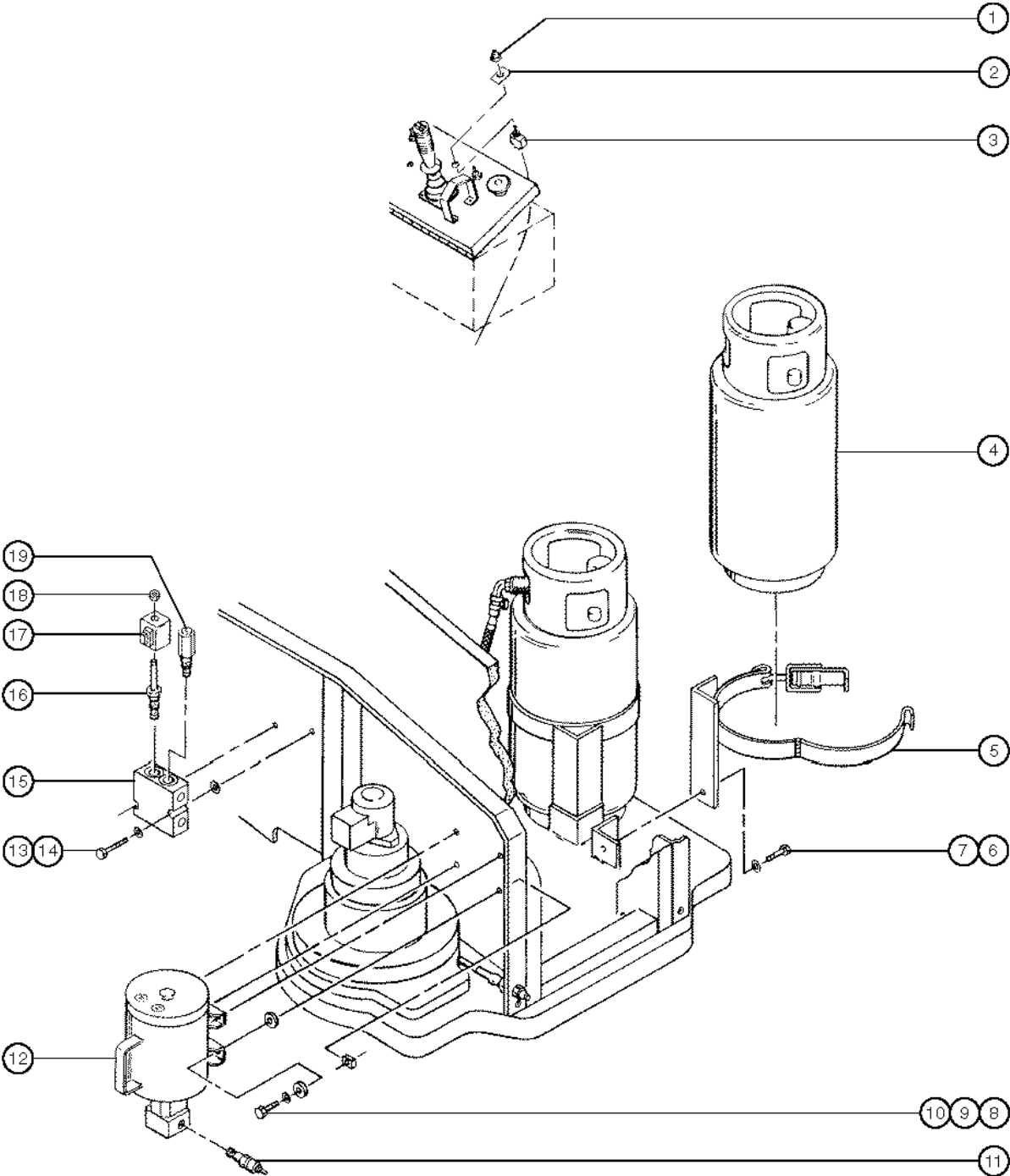


803.1 Airline to Platform

Item	Part No.	Description	Qty.
	34106GT	S80 AIR TO PLATFORM,1/2"ID	
1	33536GT	AIRLINE ASSEMBLY	1
2	27900GT	BULKHEAD,FEMALE X 6 X 6	2
3	27895GT	COUPLER,1/4"SERIES 3/8 MPT	1
4	27894GT	PLUG,1/4"SERIES,3/8 MPT	1



804.1 2000 Watt Generator and Spare LPG Tank

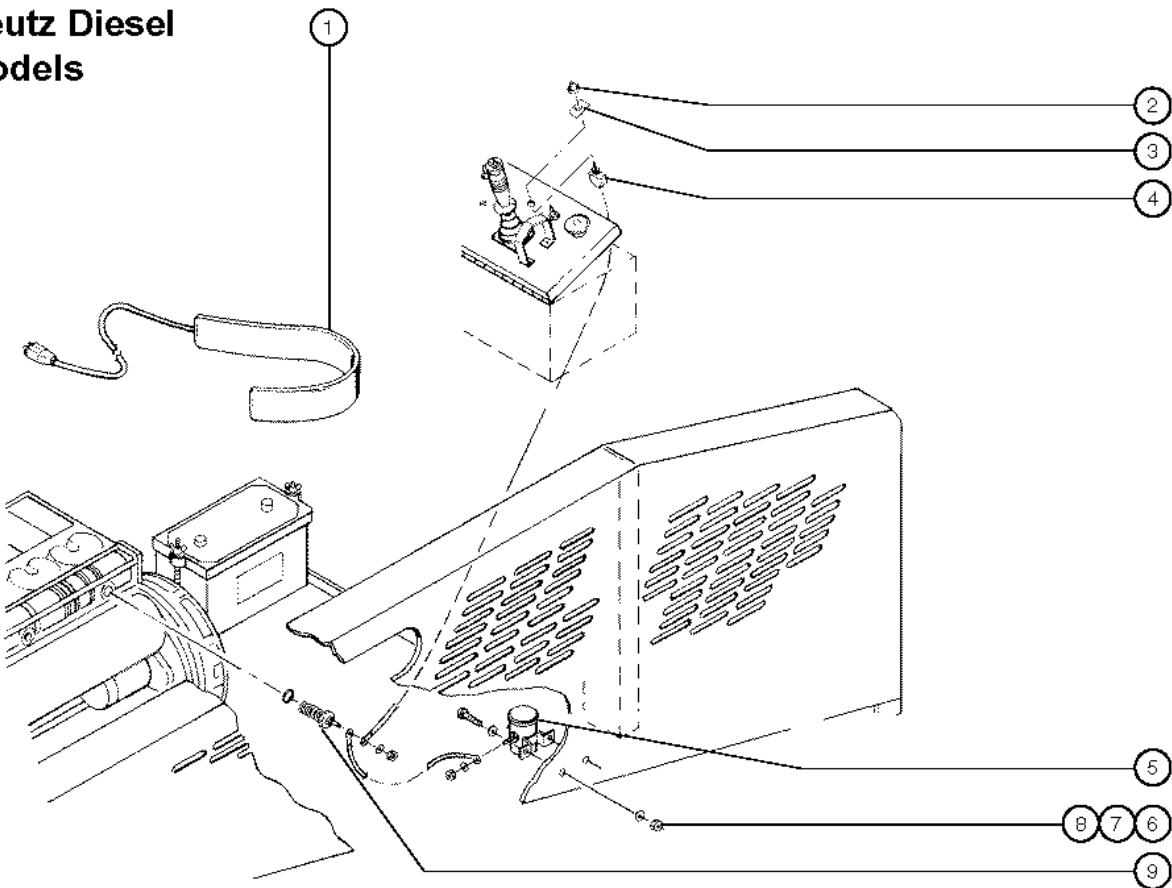


804.1 2000 Watt Generator and Spare LPG Tank

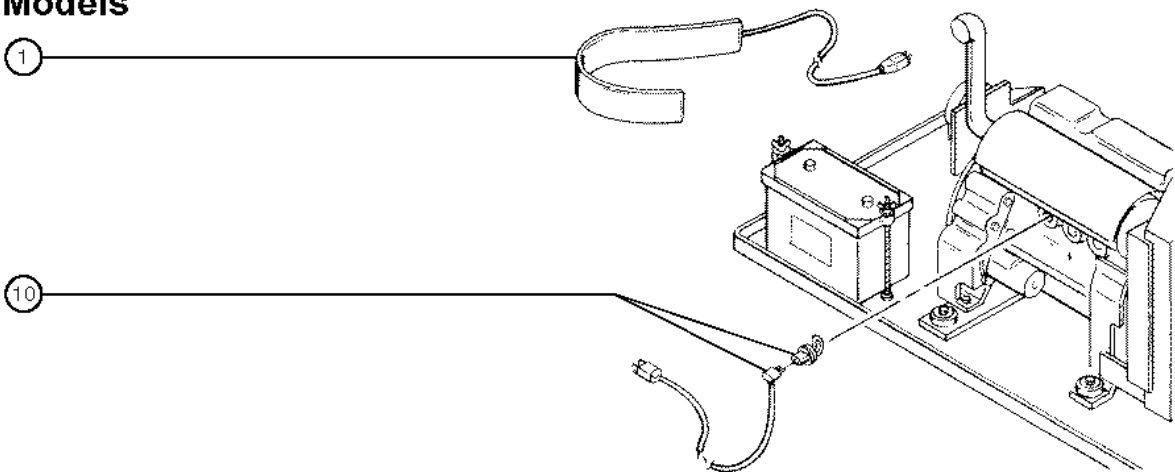
Item	Part No.	Description	Qty.
	46980GT	GEN S60 2000W SERV OPT*** (to SN S80-785)	
	52647GT	GENERATOR OPT. 2000W(PARKER)** (from SN S80-786)	
	30630GT	S40,60,80SPARE L.P.TANK W/BRKT	
1	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
2	133518GT	DECAL, PATCH, GEN,ALC-500	1
3	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners	1
4	53605GT	TANK, 7 GAL/33.5 POUND, LP	1
5	30712GT	LP.TANK BRKT WLDMT.,SHORT	1
6	8255GT	SCREW,HHC,3/8-16 X .75	3
7	6021GT	WASHER, LOCK, .375	7
8	6175GT	SCREW,HHC,3/8-16 X 1	4
9	24947GT	Grommet - Rubber, 3/8 x 7/8 inch	4
10	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
11	32735GT	VALVE,PRI. FLOW REG 4.3 for 2000W & 2500W generators	1
12	58301GT	GENERATOR,2000W,HYDRAULIC*** includes index number 11	1
12-	32732GT	RECTIFIER ASSEMBLY	1
12-	58402GT	BRIDGE,50A FULL WAVE**	1
12-	32734GT	BRUSH ASSEMBLY	1
12-	32736GT	MOTOR,HYDRAULIC GENERATOR	1
13	4266GT	SCREW,HHC,1/4-20 X 2	2
14	6638GT	WASHER, FLAT, USS, 1/4"Y	4
15	28675GT	MANIFOLD,ASSY,GENERATOR includes index numbers 16 through 19	1
16	19970GT	VALVE,SOLENOID (18660) includes index numbers 17 and 18	1
17	22813GT	COIL,12V.19970,19971	1
18	45912GT	NUT,SOLENOID VALVE 2P3W	1
19	31753GT	VALVE,PRESSURE REDUCING	1

805.1 Cold Start Package - Ford & Deutz Engines

Deutz Diesel
Models



Ford Gasoline/LPG
Models



805.1 Cold Start Package - Ford & Deutz Engines

Item	Part No.	Description	Qty.
	28851GT	OPTION,COLD START PKG,FORD LSG	
	30502GT	COLD START PKG,DEUTZ F3L1011	
1	28853GT	BLANKET,BATTERY Gasoline/LPG and Deutz Diesel models	2
2	27246GT	BOOT,TOGGLE SWITCH,SHORT* Gasoline/LPG and Deutz Diesel models	1
3	32726GT	DECAL,OPTION GLOW PLUGS*** Deutz Diesel models	1
4	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners; Deutz Diesel models	1
5	27155GT	SOLENOID,12V CONTINUOUS*** Deutz Diesel models	1
6	6091GT	NUT,NYLOCK,1/4-20	2
7	6638GT	WASHER, FLAT, USS, 1/4"Y	4
8	6888GT	SCREW, HHC, 1/4-20 X 1	2
9	31408GT	GLOW PLUG,L1011	1
10	35610GT	HEATER,FREEZE PLUG,FORD LRG423 Gasoline/LPG models	1

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1416-75GT	167	6889GT	167, 171, 217	13268GT	137
1484GT	11, 15, 19, 23	6935GT	131, 195, 197	13471GT	137, 201, 205
1487GT	217	7056GT	131, 195, 197	13482GT	191
1488GT	217	7261GT	41, 73	13585GT	195, 197
4266GT	41, 11, 11, 115, 169, 217, 43, 63, 91, 111, 125...	7265GT	217	13755GT	151, 183, 185
4828GT	125...	7339GT	93, 109, 171	13756GT	53, 19, 83, 149, 183, 185
5224GT	125, 169, 189	7713GT	117, 167, 173	13757GT	151, 183, 185
5361GT	171	8170GT	99, 107	13775GT	175, 179
5387GT	169	8177GT	39, 43, 11, 93, 123, 155...	13852GT	175, 181
5397GT	189	8179GT	71, 169, 171	13854GT	125
6002GT	103, 107	8220GT	29, 59	13902GT	151
6019GT	43, 91, 103, 109, 139, 143...	8255GT	39, 41, 11, 11, 111, 117, 43, 61, 91, 139, 143...	13918GT	125, 171
6021GT	27, 31, 39, 43, 47, 57...	8516GT	143...	13921GT	49, 81, 151, 167, 183
6023GT	97	8519GT	47, 77	14033GT	31, 61, 117
6024GT	97, 101, 115	8843GT	195, 197	14041GT	131, 195, 197
6033GT	27, 39, 43, 57, 71, 93...	8878GT	109	14815GT	27, 57
6034GT	167	8914GT	91, 171, 201, 205	16439GT	43
6035GT	97, 101	8915GT	139, 143, 189	16486GT	155, 159, 173
6036GT	33, 43, 63	8920GT	143	16584GT	103
6066GT	215	9596GT	217	18218GT	113
6086GT	27, 31, 57, 61, 167	9599-SGT	217	18504GT	139, 143
6090GT	53, 41, 63, 13, 91, 103...	10258GT	127, 157, 159	18506GT	35, 107
6091GT	115...	10355GT	147	18665GT	131
6095GT	99, 141, 145, 167	10597GT	157, 161, 175, 179	18687GT	149, 183, 185
6096GT	31, 39, 61, 13, 139, 145...	10598GT	99	18963GT	215
6097GT	93, 91, 103, 111, 115, 125...	10775GT	195, 197	19141GT	87, 103
6146GT	155, 159, 173, 215	11335GT	47, 77	19274GT	197, 201, 207
6175GT	21, 43, 51, 93, 91, 101...	11413GT	91, 101	19363GT	113
6178GT	197, 215	11637GT	127	19487GT	111
6179GT	197	12016GT	47, 77	19491GT	121, 123, 125, 127, 161, 171
6198GT	99, 125	12340GT	49, 53, 61, 63, 101, 185	19506GT	135
6356GT	35, 41, 47, 65, 75, 77...	12343GT	71	19687GT	49, 79, 147
6550GT	193	12443GT	193	19712GT	211, 213
6562GT	131	12906GT	139, 143, 191	19720GT	211
6605GT	105	12960GT	131, 195, 197	19731GT	211
6607GT	115, 121, 151, 159, 173	12981GT	31, 43, 61	19782GT	119
6622GT	195, 197	13002GT	119	19794GT	129
6637GT	171, 177, 181	13014GT	97	19970GT	223
6638GT	35, 41, 65, 71, 91, 99...	13064GT	31, 61, 63, 99, 103, 115...	19975GT	195, 197
6884GT	41, 73, 167	13066GT	35, 39, 65, 73, 125	20022GT	147
6886GT	107, 119	13119GT	49, 53, 79, 83, 151	20224GT	37, 69, 123

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20293GT	111	22578GT	109	27089GT	111
20324GT	49, 55, 79, 85, 151, 183...	22665GT	147	27115GT	195, 197
20325GT	49, 79	22700GT	97	27116GT	203, 207
20326GT	147	22811GT	41, 73, 125	27133GT	211, 213
20328GT	53, 83	22813GT	223	27134GT	211, 213
20332GT	51, 81	22832GT	173	27135GT	211
20334GT	53, 79, 83, 149	22965GT	105	27142GT	91
20424GT	201, 205, 209	22975GT	151, 183, 185	27155GT	133, 225
20424HGT	205, 209	23057GT	107	27191GT	147
20630GT	127	23680GT	209	27192GT	153
20654GT	127	23688GT	209	27202GT	147
20709GT	147	24038GT	97	27204GT	21, 25
20711GT	149	24495GT	203, 207, 211	27205GT	21, 25
20716GT	149	24495HGT	203, 207, 211	27206GT	21, 25
20776GT	131	24514GT	193	27207GT	19, 23
20880GT	93, 109	24667GT	73	27210GT	87
20923GT	53, 83	24668GT	41	27246GT	133, 201, 205, 223, 225
20973GT	193	24675GT	115	27287GT	135
21018GT	97	24947GT	223	27329PGT	103
21121GT	193	25375GT	37, 69, 121	27377GT	139, 145
21130GT	93, 109	25436GT	45	27431GT	79, 149
21141GT	111	25567GT	113	27497GT	179
21175GT	101, 127	25571P-SGT	93	27512GT	213
21252GT	49, 55, 81, 85, 147	25635GT	127	27514GT	213
21434GT	211	25683GT	27, 57, 155, 159	27524GT	211
21465GT	111	25807GT	133	27564GT	11, 15, 19, 23
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21604GT	167, 179	25836GT	133	27640GT	97
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22099GT	49, 79, 147	25882GT	209	27761GT	37, 69
22202GT	27, 57	25883GT	209	27801GT	123
22278GT	93	25884GT	209	27802GT	121
22364GT	209	25886GT	209	27803GT	123
22365GT	209	25951GT	51, 79, 147	27804GT	123
22366GT	209	25967GT	93, 111	27807GT	121
22367GT	209	25974GT	133	27812GT	121
22368GT	209	25994GT	11, 15	27813GT	121
22431GT	191	27010GT	95	27814GT	119, 123, 181
22432GT	191	27022PGT	97	27894GT	221
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27917GT	93	28656GT	87	29560GT	107
27919GT	91	28658GT	87	29562GT	107
27922GT	91	28659GT	87	29563GT	103
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30502GT	225	30958GT	147	32637GT	195, 197
30546P-SGT	113	30963GT	103	32661GT	121
30584GT	111	30964GT	103	32662GT	121
30619GT	215	30965PGT	145	32663GT	123
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30677GT	117	30973GT	139, 143	32698GT	101
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California Proposition 65



WARNING

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

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

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

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