



A TEREX BRAND

Parts Manual

Serial Number Range

S-60
S-65

from SN 653 to 2574

Part No. 34477GT
Rev: C.40
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.

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

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34477GT Rev C.40 April 2024
First Edition, Third Printing

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 Printed on recycled paper



A TEREX BRAND

Model: S-60

Serial number: S60-12345

Model year: 1995 **Manufacture date:** 04/12/95

Electrical schematic number: E0186

Machine unladen weight: 20,736lbs / 9,406kg
Foam Tires add 764 lbs/347 kg to weight

Rated work load (including occupants): 500 lb / 227 kg

Maximum number of platform occupants: 2

Maximum allowable side force : 150 lb / 670 N

Maximum allowable inclination of the chassis:

Air Tires 2 deg / Foam Tires 4.5 deg

Maximum wind speed : 28 mph/ 12.5 m/s

Maximum platform height : 60 ft 2 in/ 18.3 m

Maximum platform reach : 50 ft 4 in/ 15.3 m

Gradeability: 45%

Country of manufacture: USA

This machine complies with:

ANSI A92.5

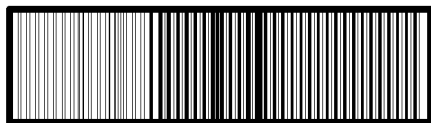
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Terex South Dakota, Inc.

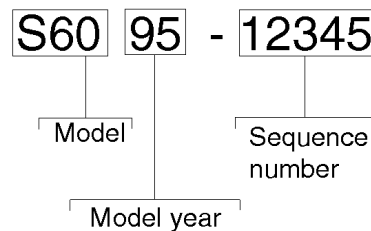
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Redmond, WA 98052

USA

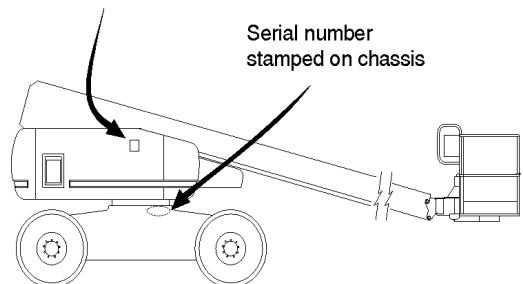


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Serial label
(located under cover)

Serial number
stamped on chassis



How to Order Parts

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

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

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

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

Machine Information

Model _____

Serial Number _____

Date of Purchase _____

Authorized Genie Distributor _____

Phone Number _____

North America

Telephone (425)881-1800

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

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

<http://genielift.com/en>

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

<http://genielift.co.uk>

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

<http://genielift.com.sg/>

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

<http://genielift.com.au>

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

How To Use This List

The service parts listed below have been divided into four priority groups: A, B, C and D. Use the group code and quantities listed to plan enough inventory to support your fleet. The quantities shown are recommended for 1 to 5 machines. Some of these service parts are common to other Genie products.

Group A parts are required to perform maintenance procedures as outlined in the Genie S-60/65 Service Manual.
Group B parts solve 75% of machine troubleshooting issues.
Group C parts that affect the safe operation of the machine.
Group D parts do not affect the safe operation of the machine.

Group A

Part No.	Description	Qty.
20293	Filter Element, 10 Micron Fiberglass	5
20880	Filter - Hydraulic, Medium Pressure	5
27916	Element - Air Filter	5
28647	Spark Plug (Gasoline/LPG models)	4
33971	Filter - Fuel (Gasoline/LPG models)	5
28656	Filter - Engine Oil (Gasoline/LPG models)	5
33961	Serpentine Belt (Gasoline/LPG models)	1
33957	Valve - PCV (Gasoline/LPG models)	1
29561	Filter - Engine Oil (Deutz Diesel models)	5
29560	Filter - Fuel (Deutz Diesel models)	5
29554	V-Belt (Deutz Diesel models)	1

Group B

Part No.	Description	Qty.
28750	O-Ring Kit (Services all products)	1
32227	Seal Kit - Steering Cylinders	1
33487	Seal Kit - Master & Slave Cylinders	1
33895	Seal Kit - Boom Lift Cylinder	1
33501	Seal Kit - Upper Extension Cylinder	1
33500	Seal Kit - Lower Extension Cylinder	1
33553	Seal Kit - Jib Boom Cylinder (S-65 models)	1
33894	Seal Kit - Oscillate Cylinder	1
29290	Seal Kit, 36:1 Torque Hub	1
33440	Seal Kit, 73:1 Torque Hub	1
29291	Seal Kit - Mico Brake	1
33444	Seal Kit - Drive Motor (2WD models)	1
29739	Seal Kit - Drive Motor (4WD models)	1
32675	Seal Kit - Drive Motor (4WD models)	1
29739	Seal Kit - Drive Pump	1
31249	Seal Kit - Lift Pump	1
34052	Relay - SPDT, 12 Volt	1
21982	Key - Ignition	5
16397	Switch - Toggle, DPDT	1
13037	Switch - Toggle, SPDT	1
13480	Switch - Toggle, DPDT, 2 Position, Momentary	1
27378	Switch - Toggle, DPDT, 2 Position, Maintained	1
45827	Solenoid - Fuel Shutoff, 12 Volt (Gas/LPG models)	1
33470	Seal Kit - Hydraulic Rotary Coupler	1
33445	Seal Kit - Turntable Rotation Motor	1
27681	Seal Kit - Platform Rotator	1
32681	Seal Kit - 3 Position 4 Way Valve	1

Group B continued

Part No.	Description	Qty.
31616	Relay - Time Delay, 5 second	1
27155	Solenoid, 12 Volt Continuous	1
24018	Circuit Breaker, 15 Amp	1
19274	Relay - SPDT, 12 Volt	1
33954	Wire Set - Spark Plugs	1
33967	Ignition Module (Gasoline/LPG models)	1
45782	Diode, 6A	10
45081	Contact - N.O.	2
29732	Contact - N.C.	2
29073	Solenoid	1

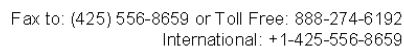
Group C

Part No.	Description	Qty.
34475	Operator's Manual	5
33483	Decal Kit - Safety / Instructional	1
27811	Valve - D01, 10V	1
27801	Valve - Proportional Solenoid, 12V	1
27804	Valve - Differential Sensing, 150 psi (12 bar)	1
33428	Valve - Counterbalance	1
32722	Valve - Counterbalance	1
33438	Valve - Counterbalance	1
33494	Valve - Sequence	1
33495	Valve - Counterbalance	2
33496	Valve - Counterbalance	1
33488	Valve - Counterbalance	1
29066	Valve - Solenoid, 10V	1
30525	Level Sensor	1
19491	Contact - Limit Switch	1
22359	Lever - Limit Switch Arm	1
25050	Limit Switch - with Roller Arm	1
19270	Alarm - Warble Tone	1
32335	Indicator Light	1
20424	Joystick Controller - Drive/Steer Functions	1
24495	Joystick Controller - Boom Functions, Single Axis	1
34419	Joystick Controller - Boom Functions, Dual Axis	1

Group D

Part No.	Description	Qty.
29314	Key - Latch Assembly (Turntable Covers)	2
33510	Lock Plug Assembly (Turntable Covers)	2
29480	7 Piece Cable Track Repair Kit	1





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

Optional Equipment _____

☐ Ship complete order only - No back orders

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

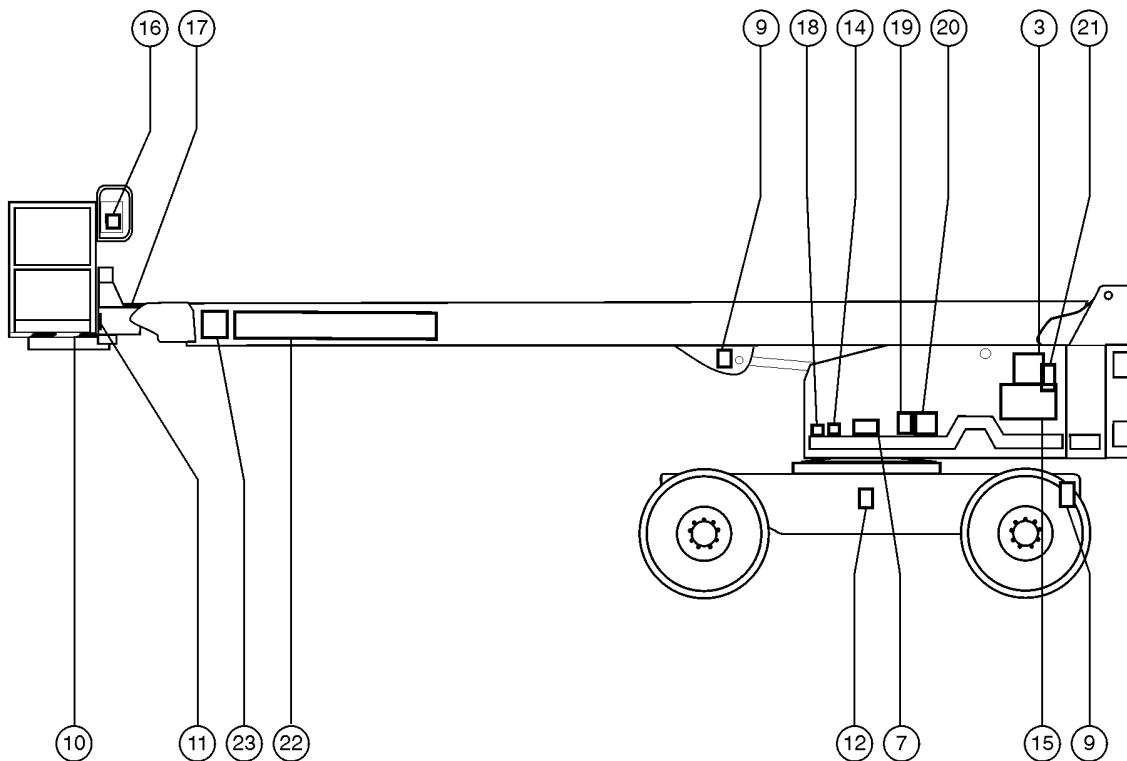
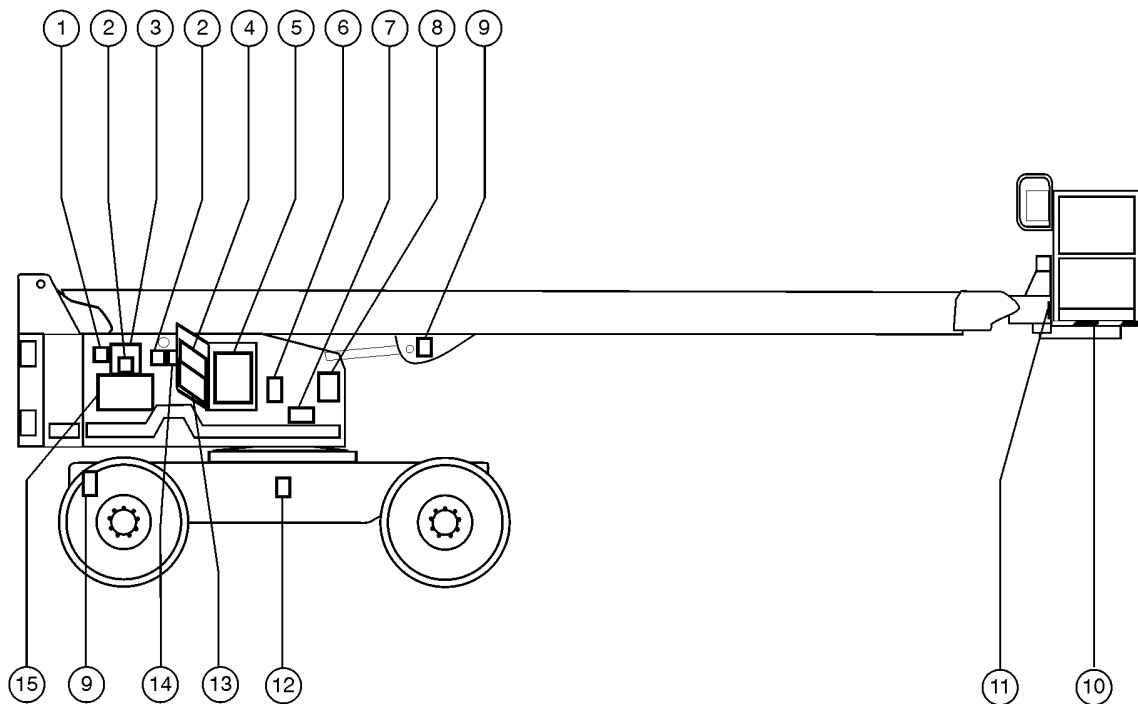
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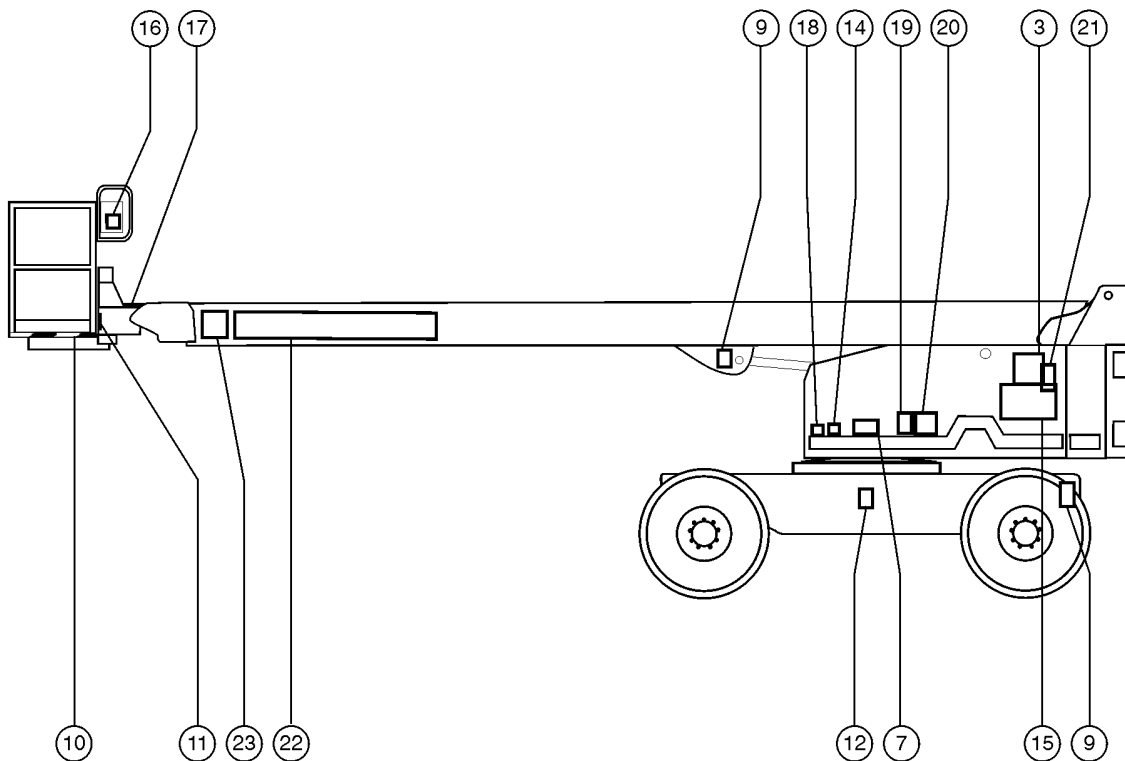
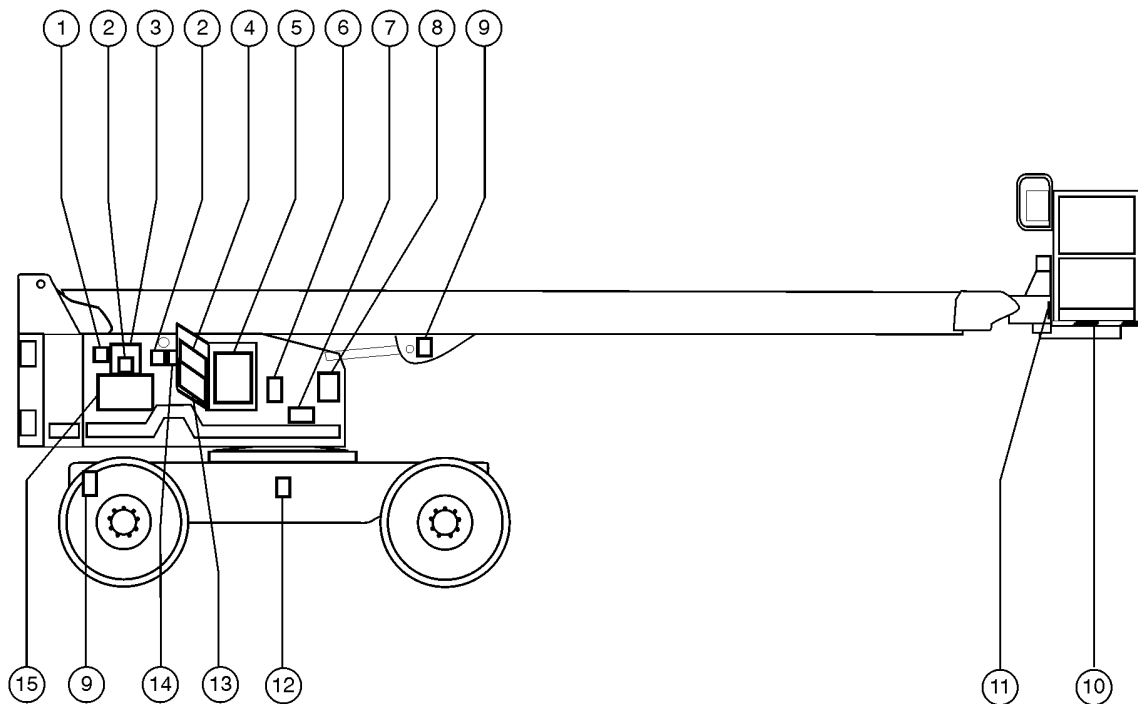
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101.1 Decals and Paint - View 1, S-60



Item	Part No.	Description	Qty.
A-	1279573GT	DECAL KIT,PLAT,S40/60/80,WORD for SN 653 to 2574	
	33483GT	DECAL KIT,SAFETY/INSTRUCTIONA kit does not include index numbers 2, 3, 8, 10, 15, 16, 18, 21, 22 and 23	
	34478GT	DECAL KIT,COSMETIC,S60	
	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	1
5	32992GT	DECAL,GROUND CONTROL PANEL	1
6	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
7	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
8	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
9	28161GT	DECAL,WARN,CRUSH HAZARD HAND	4
10	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
11	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
12	33973GT	DECAL,NOTICE,TIRE PRESSURE	2
13	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
14	28171GT	DECAL,DANGER,NO SMOKING ***	2
15	30406GT	DECAL"GENIE 2 WD" WHITE	2
15-	30407GT	DECAL,GENIE 4 WD, WHITE	2
16	28174GT	DECAL,POWER TO PLATFORM 230V	1
16-	28235GT	DECAL,POWER TO PLATFORM 115V	1
17	28181GT	DECAL,WARN,FALL HAZARD	1
18	28160GT	DECAL,LABEL,LIQUID PROPANE	1

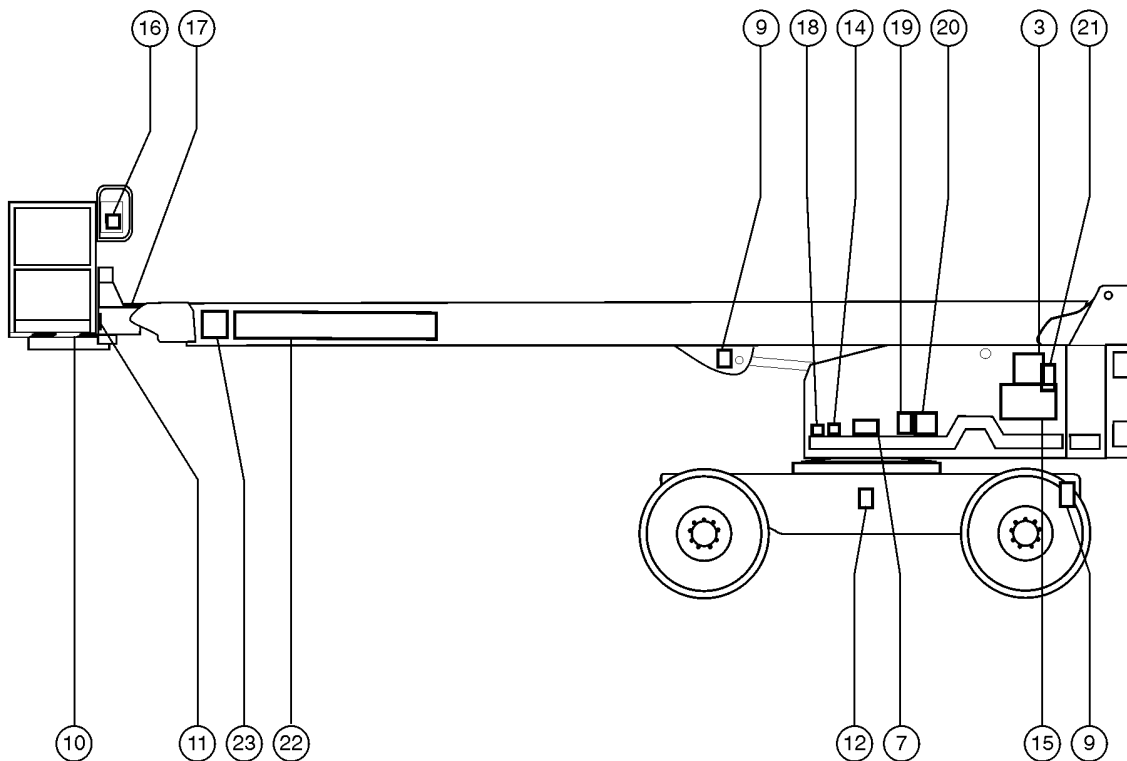
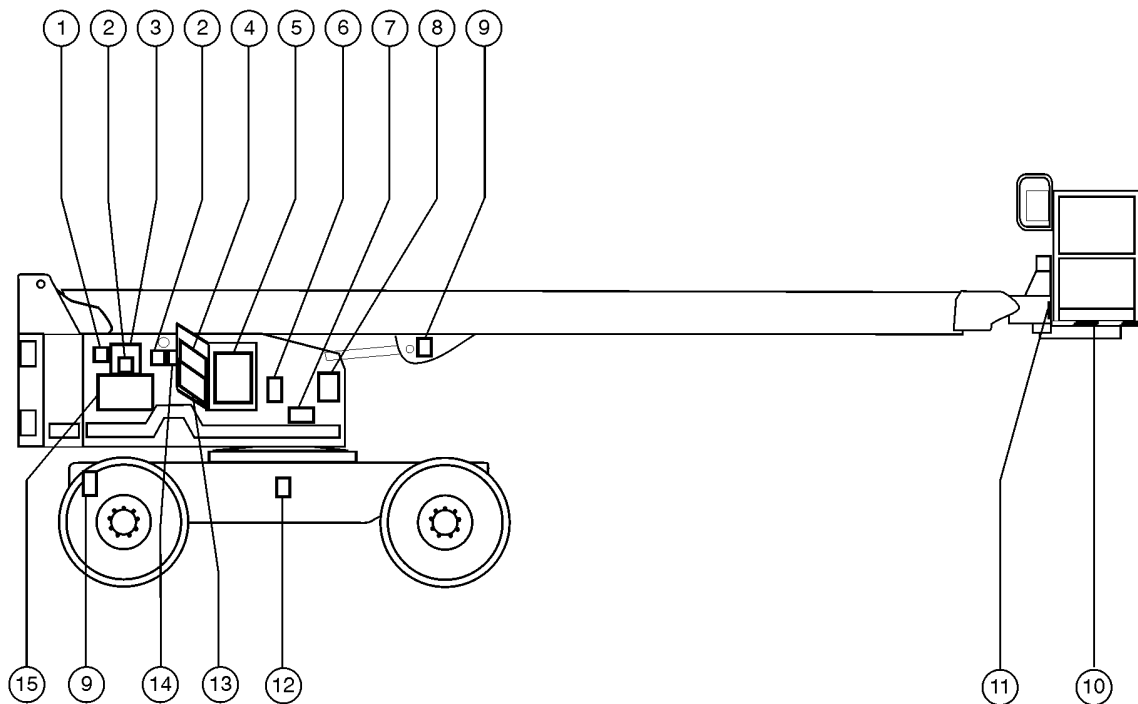
101.1 Decals and Paint - View 1, S-60



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
19	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
20	28175GT	DECAL,WARNING-COMPART ACCESS	1
21	33956GT	DECAL,NOTICE, FORD ENG SPEC**	1
21-	33985GT	DECAL,NOTICE,DEUTZ ENG SPEC**	1
22A	33571GT	DECAL,COSMETIC,S-60,LARGE	1
23	33460GT	DECAL,COSMETIC,STRIPES,WHITE	1

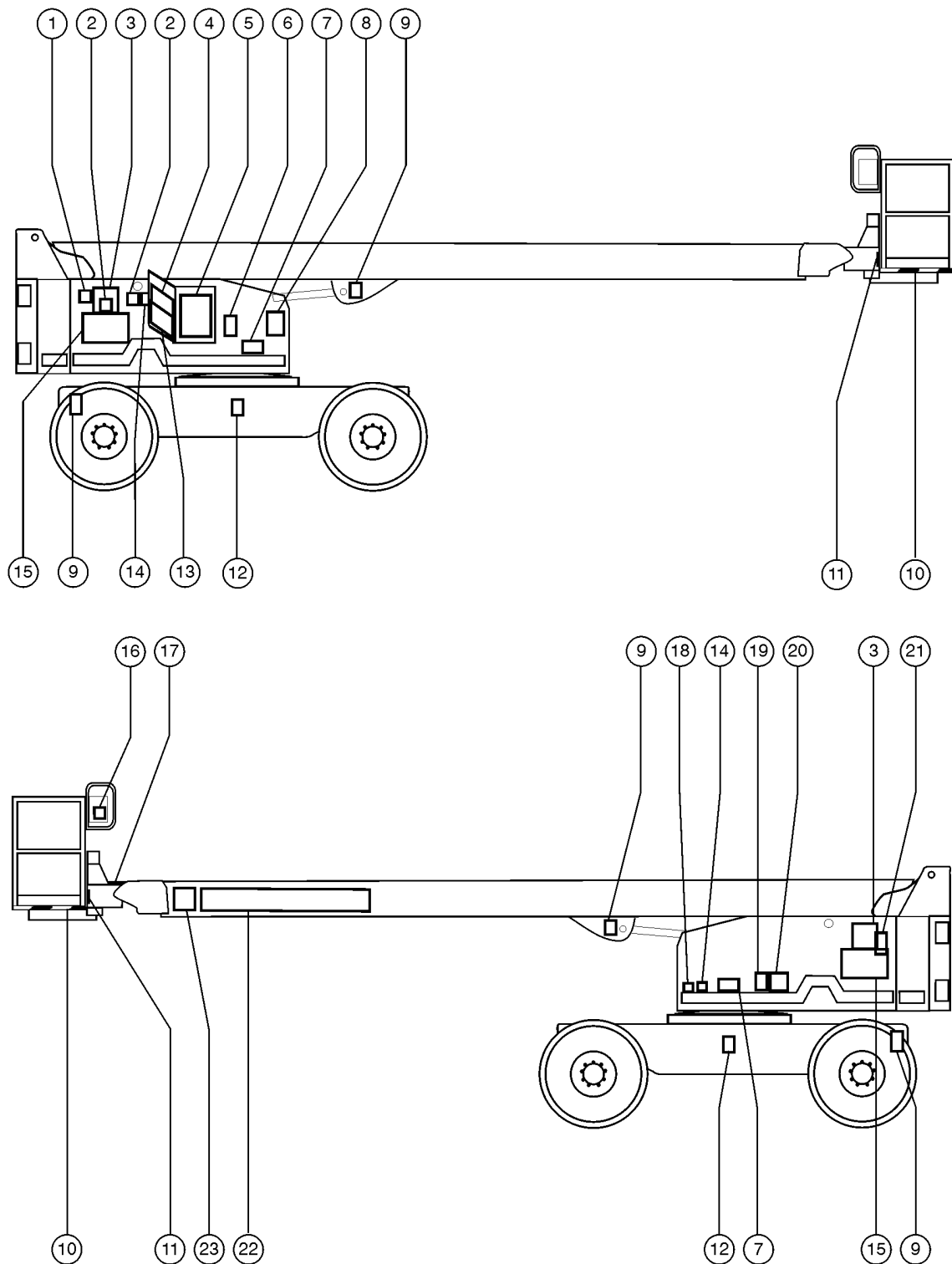


101.2 Decals and Paint - View 1, S-65



Item	Part No.	Description	Qty.
A-	1279573GT	DECAL KIT,PLAT,S40/60/80,WORD for SN 653 to 2574	
	33483GT	DECAL KIT,SAFETY/INSTRUCTIONA kit does not include index numbers 2, 3, 8, 10, 15, 16, 18, 21, 22 and 23	
	34842GT	DECAL KIT,COSMETIC,S65	
	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	1
5	32992GT	DECAL,GROUND CONTROL PANEL	1
6	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
7	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
8	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
9	28161GT	DECAL,WARN,CRUSH HAZARD HAND	4
10	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
11	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
12	33973GT	DECAL,NOTICE,TIRE PRESSURE	2
13	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
14	28171GT	DECAL,DANGER,NO SMOKING ***	2
15	30406GT	DECAL"GENIE 2 WD" WHITE	2
15-	30407GT	DECAL,GENIE 4 WD, WHITE	2
16	28174GT	DECAL,POWER TO PLATFORM 230V	1
16-	28235GT	DECAL,POWER TO PLATFORM 115V	1
17	28181GT	DECAL,WARN,FALL HAZARD	1
18	28160GT	DECAL,LABEL,LIQUID PROPANE	1

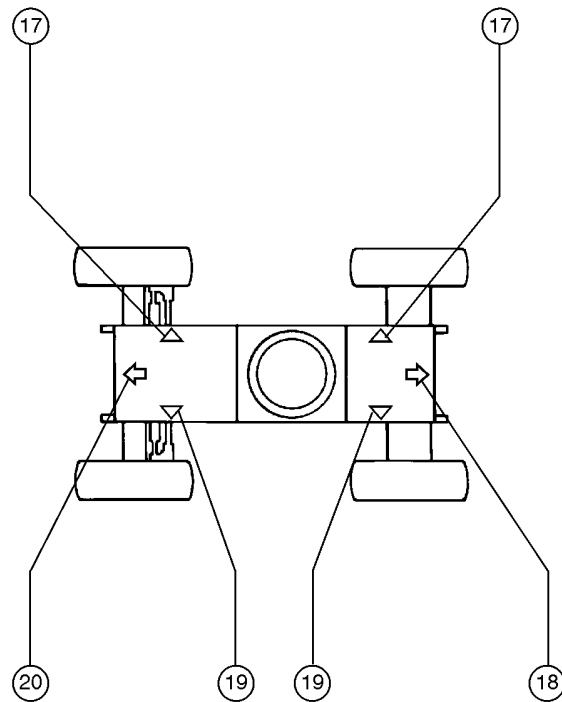
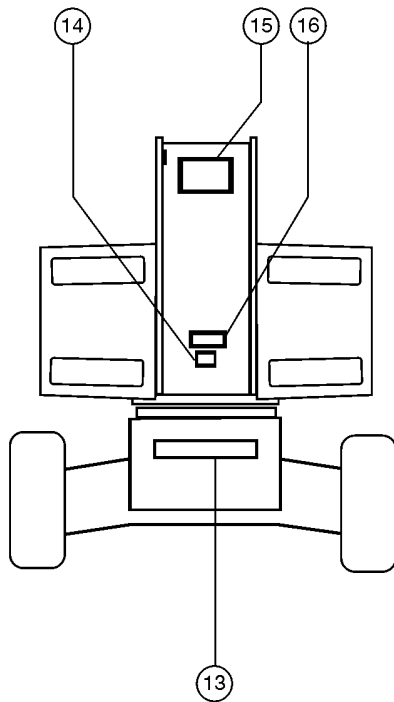
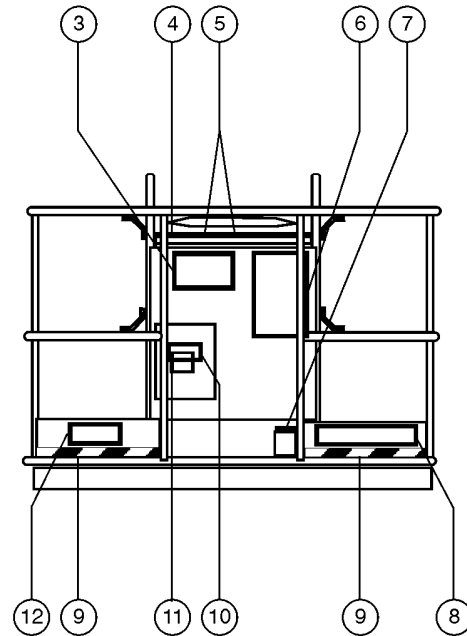
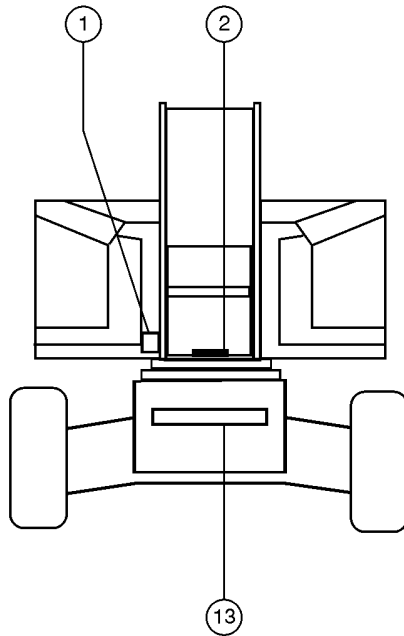
101.2 Decals and Paint - View 1, S-65



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
19	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
20	28175GT	DECAL,WARNING-COMPART ACCESS	1
21	33956GT	DECAL,NOTICE, FORD ENG SPEC**	1
21-	33985GT	DECAL,NOTICE,DEUTZ ENG SPEC**	1
22	33573GT	DECAL,COSMETIC,S-65,LARGE	1
23	33460GT	DECAL,COSMETIC,STRIPES,WHITE	1

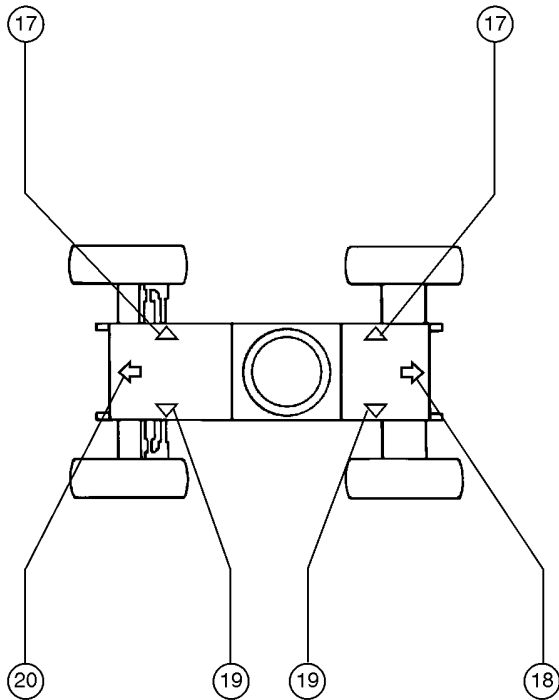
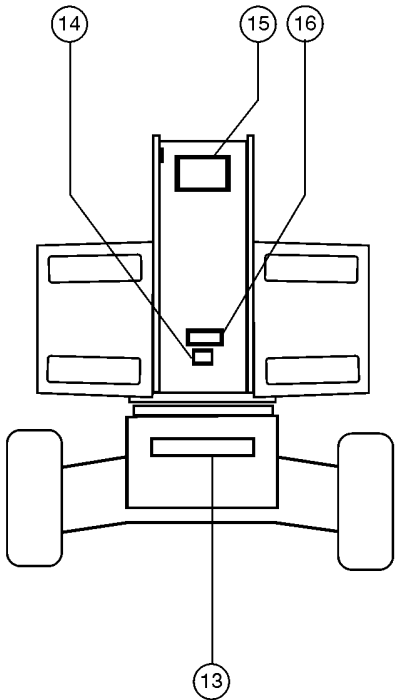
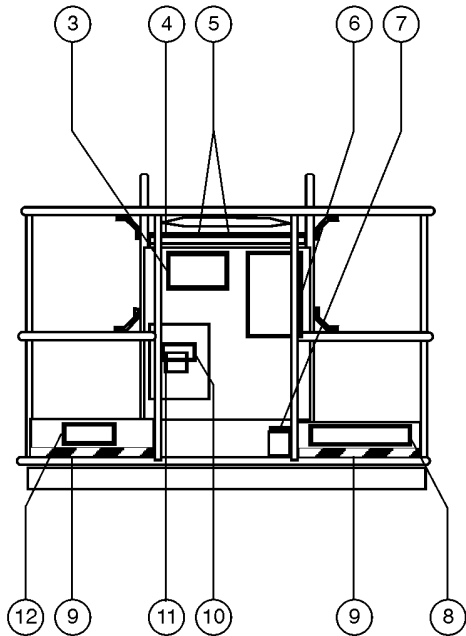
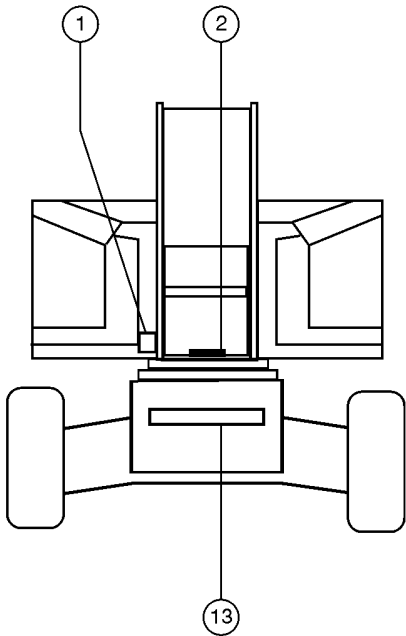


102.1 Decals and Paint - View 2, S-60



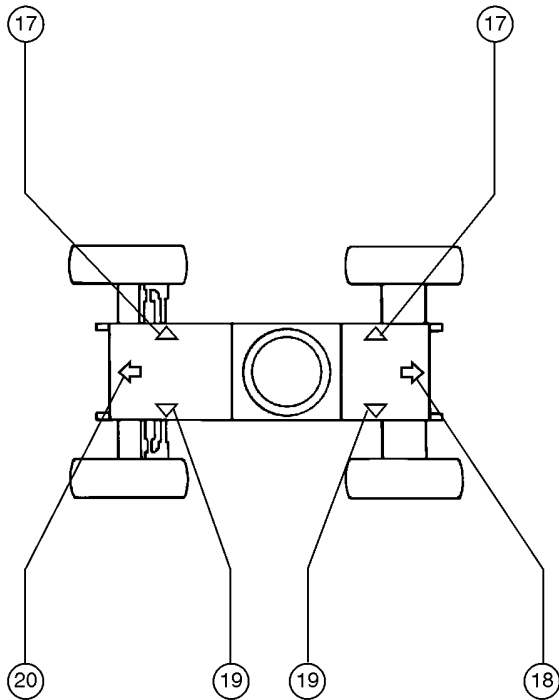
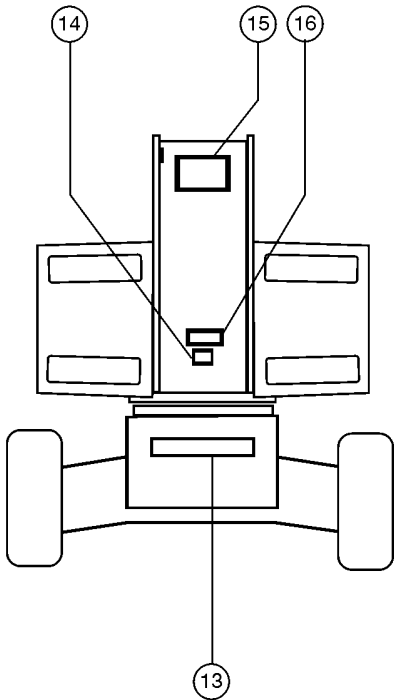
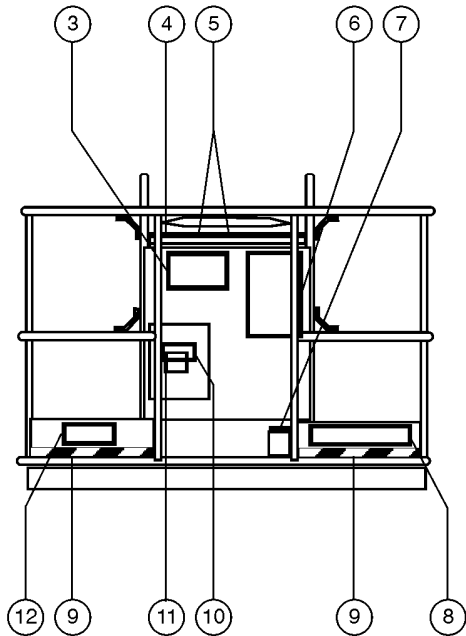
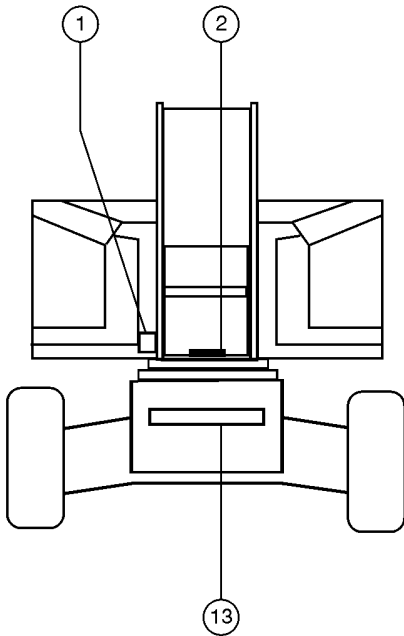
Item	Part No.	Description	Qty.
	33483GT	DECAL KIT,SAFETY/INSTRUCTIONA kit does not include index numbers 1, 5, 8, 9, 13 and15	
	34478GT	DECAL KIT,COSMETIC,S60	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	28174GT	DECAL,POWER TO PLATFORM 230V	1
1-	28235GT	DECAL,POWER TO PLATFORM 115V	1
2	28161GT	DECAL,WARN,CRUSH HAZARD HAND	1
3	32702GT	DECAL,NOTICE,OPERATING INSTRN	1
4	32941GT	DECAL,PLATFORM CTRL PANEL***	1
5	32726GT	DECAL,OPTION GLOW PLUGS***	1
5-	32728GT	DECAL,OPTION GENERATOR***	1
6	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
7	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
8	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS S-60 models with 8 foot platform and S-65 models	1
8-	32998GT	DECAL,NOTICE,MAX LOAD 600 LBS S-60 models with 6 foot platform only	1
9	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
10	28236GT	DECAL,WARN,IMPROPER OPERATION	1
11	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
12	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
13	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	2
14	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
15A	33572GT	DECAL,COSMETIC,S-60,SMALL	1
16	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
17	27207GT	DECAL,TRIANGLE,YELLOW	2
18	27205GT	DECAL,ARROW YELLOW LRG 9"	1
19	27206GT	DECAL,TRIANGLE,BLUE	2

102.1 Decals and Paint - View 2, S-60



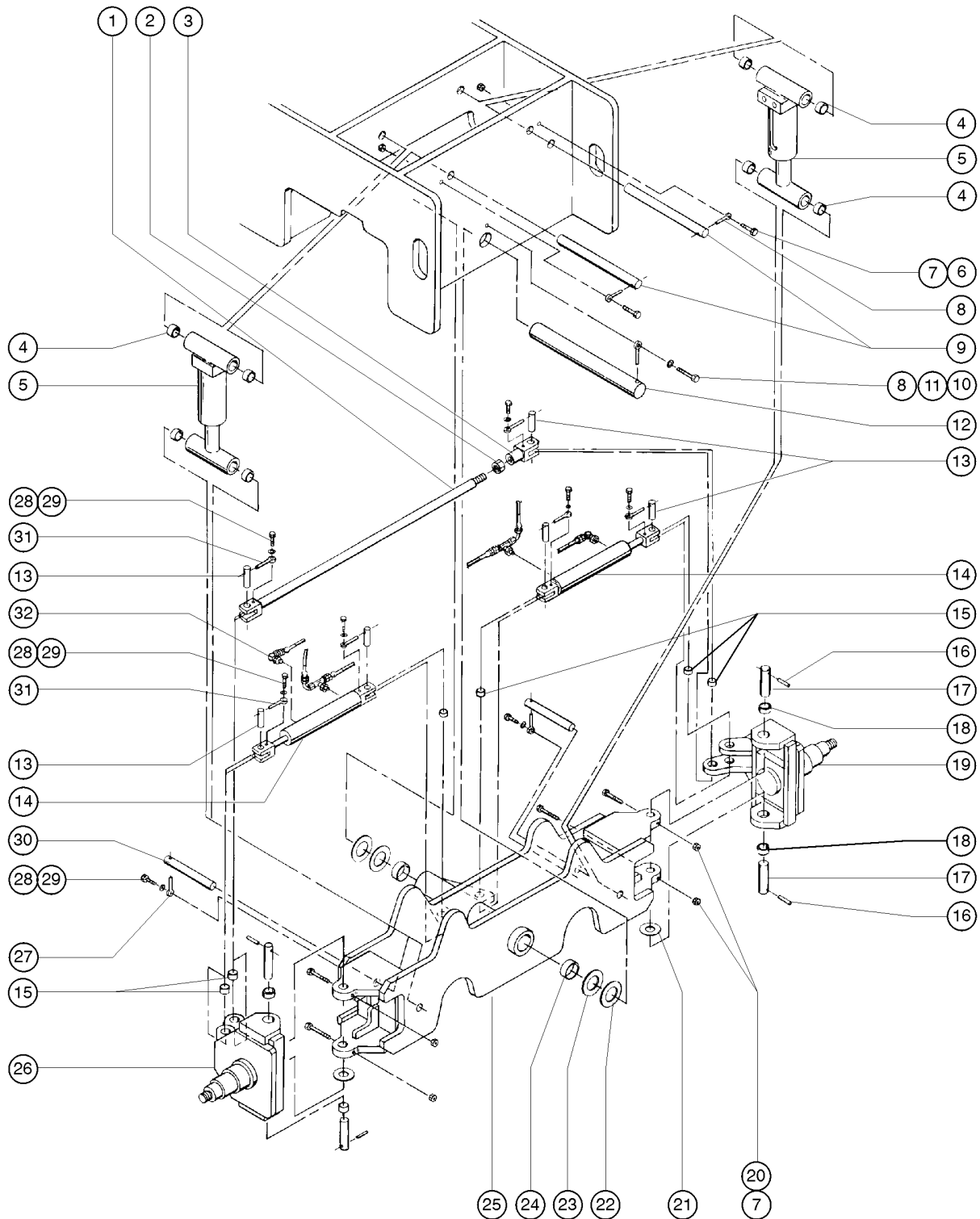
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
20	27204GT	DECAL,ARROW BLUE	1

102.2 Decals and Paint - View 2, S-65



Item	Part No.	Description	Qty.
	33483GT	DECAL KIT,SAFETY/INSTRUCTIONA kit does not include index numbers 1, 5, 8, 9, 13 and15	
	34842GT	DECAL KIT,COSMETIC,S65	
	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	1
1-	28235GT	DECAL,POWER TO PLATFORM 115V	1
2	28161GT	DECAL,WARN,CRUSH HAZARD HAND	1
3	32702GT	DECAL,NOTICE,OPERATING INSTRN	1
4	32941GT	DECAL,PLATFORM CTRL PANEL***	1
5	32726GT	DECAL,OPTION GLOW PLUGS***	1
5-	32728GT	DECAL,OPTION GENERATOR***	1
6	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
7	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
8	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS S-60 models with 8 foot platform and S-65 models	1
9	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
10	28236GT	DECAL,WARN,IMPROPER OPERATION	1
11	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
12	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
13	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	2
14	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
15	33882GT	DECAL,COSMETIC,S-65,SMALL	1
16	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
17	27207GT	DECAL,TRIANGLE,YELLOW	2
18	27205GT	DECAL,ARROW YELLOW LRG 9"	1
19	27206GT	DECAL,TRIANGLE,BLUE	2
20	27204GT	DECAL,ARROW BLUE	1

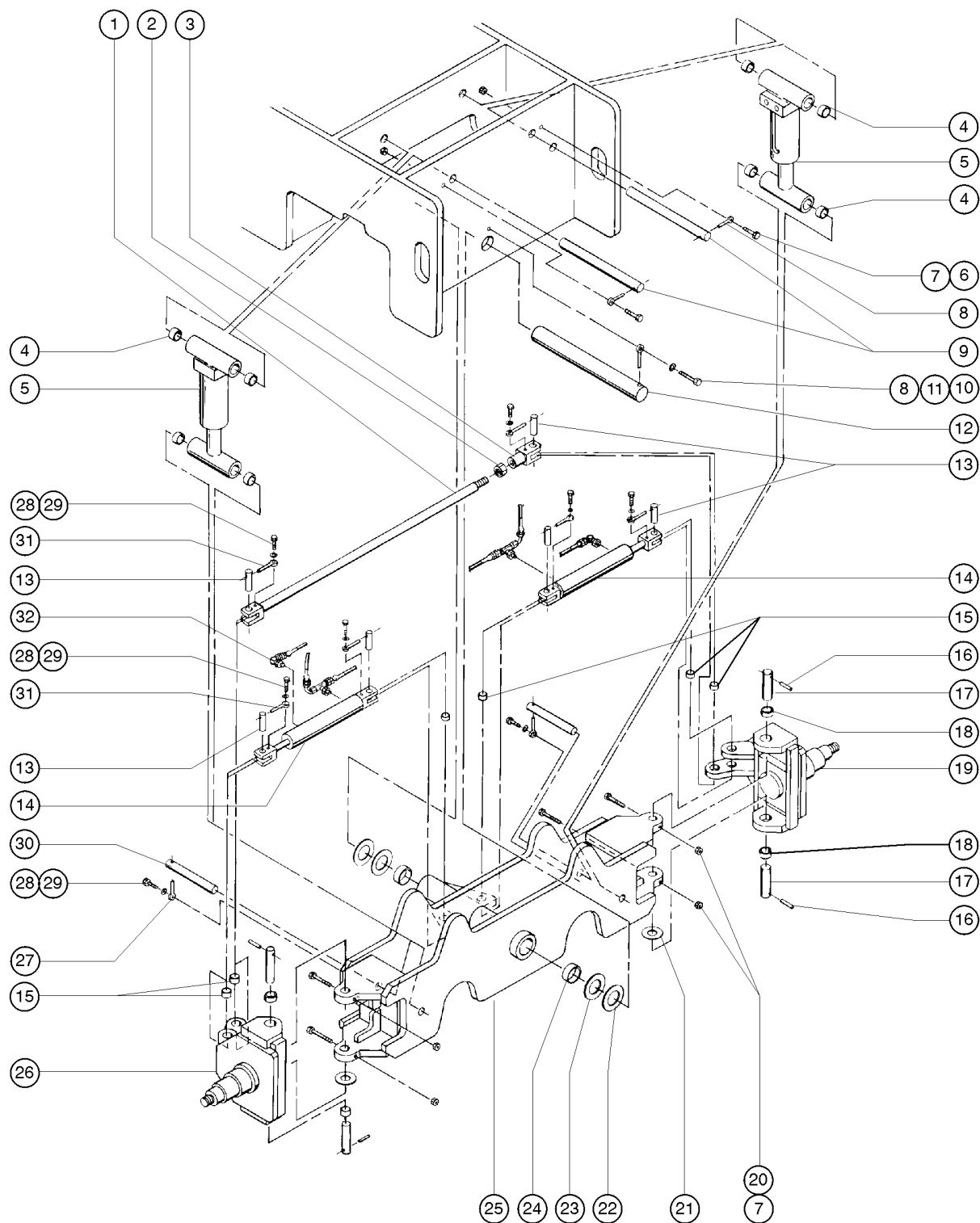
201.1 2WD Steer Axle Linkage - Oscillating Models



201.1 2WD Steer Axle Linkage - Oscillating Models

Item	Part No.	Description	Qty.
1	34484-SGT	TIE ROD WELDMENT,S60*** to SN 676	1
1	63156GT	TIE ROD WELDMENT,S60*** from SN 677 to 2574	
2	27953GT	NUT,HEX,JAM,1.25-7	1
3	33899GT	WELDMENT, ROD END	1
4	45072GT	BEARING,GARLOCK,24DU24	8
5	1264673GT	CYLINDER, OSCILLATE, S60 includes 4 each index number 4	1
5-	33894GT	SEAL KIT,HYDRAULIC CYLINDER	1
5-	33428GT	VALVE,COUNTERBALANCE	1
6	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
7	6086GT	NUT,LP NYLOCK,1/2-13	6
8	1256267GT	ROD END,.5 X 3.75,ZAG	3
9	30731GT	PIN,PRIM.Boom,16.0 X 1.5 INCH	2
10	8177GT	SCREW,HHC,1/2-13 X 1.5	1
11	6033GT	WASHER,LOCK,0.5"	1
12	34642GT	PIN,2.50DIA X 23.38LG,1HOLE	1
13	34276GT	PIN,1.25DIA X 3.37LG,1HOLE steer cylinder	4
13A	34276GT	PIN,1.25DIA X 3.37LG,1HOLE tie rod to SN 676	2
13A	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360 tie rod from SN 677	2
14	88346GT	CYLINDER,S60/65 STEER***	2
14-	88347GT	SEAL KIT,STEER CYL,S60/65*** for cylinder 88346; check stamp on part prior to ordering	
14-	31078GT	SEAL KIT,HYDRAULIC CYLINDER*** for cylinder 34420; check stamp on part prior to ordering	2
15	30370GT	BEARING,1.25IDX1.5ODX1.00L	6
16	14815GT	PIN,ROLL,SST,.25 X 2.25	4
17	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360	4
18	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
19	33905GT	YOKE ASSEMBLY, LEFT SIDE, 2WD to SN 676; includes 2 each index numbers 15 and 18	1
19	35002GT	YOKE ASSEMBLY,L.S.,2WD, S-60 from SN 677 to 2574; includes 2 each index numbers 15 and 18	1
20	8220GT	SCREW,HHC,1/2-13 X 4	4

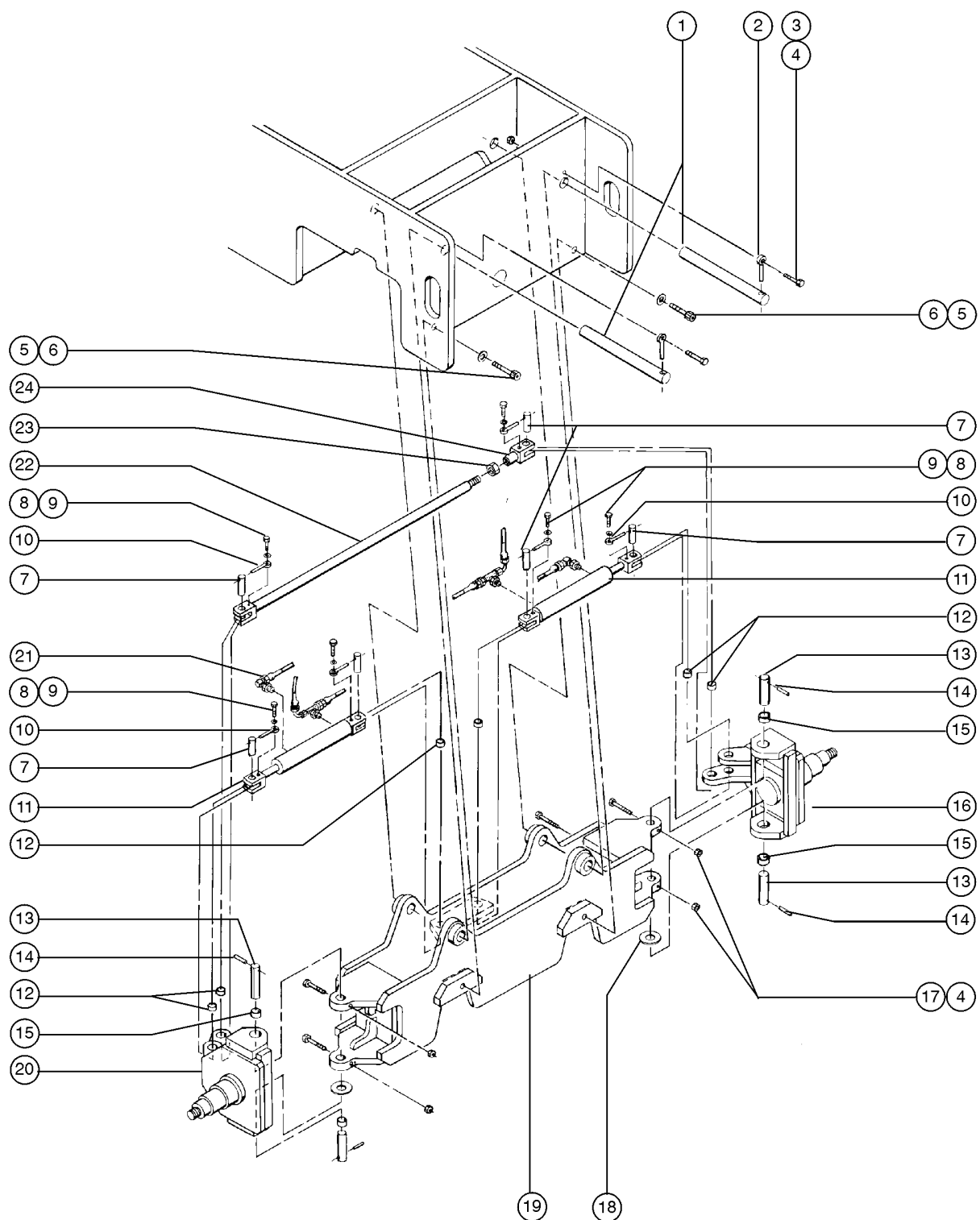
201.1 2WD Steer Axle Linkage - Oscillating Models



201.1 2WD Steer Axle Linkage - Oscillating Models

Item	Part No.	Description	Qty.
21	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
22	25436GT	WASHER,THRUST,2.56 X 4.0 X .18	as ne ed ed
23	29746GT	WASHER,FLAT,2.5 X 4 X .062	as ne ed ed
24	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
25	33908GT	STEER AXLE ASSEMBLY, OSC, S-60 includes 2 each index numbers 15 and 24	1
26	33904GT	YOKE ASSEMBLY, RIGHT SIDE, 2WD to SN 676; includes 2 each index numbers 15 and 18	1
26	35001GT	YOKE ASSEMBLY,R.S.,2WD, S-60 from SN 677 to 2574; includes 2 each index numbers 15 and 18	1
27	825019GT	ROD END, .375X3.69, ZAG	2
28	6175GT	SCREW,HHC,3/8-16 X 1	8
29	6021GT	WASHER, LOCK, .375	8
30	34641GT	PIN,OSC. AXLE/DRIVE CHASSIS	2
31	1255452GT	ROD END,.375 X 2.25,ZAG	6
32		Ref. Hydraulic Hoses & Fittings refer to sections 208.1 and 209.1	6

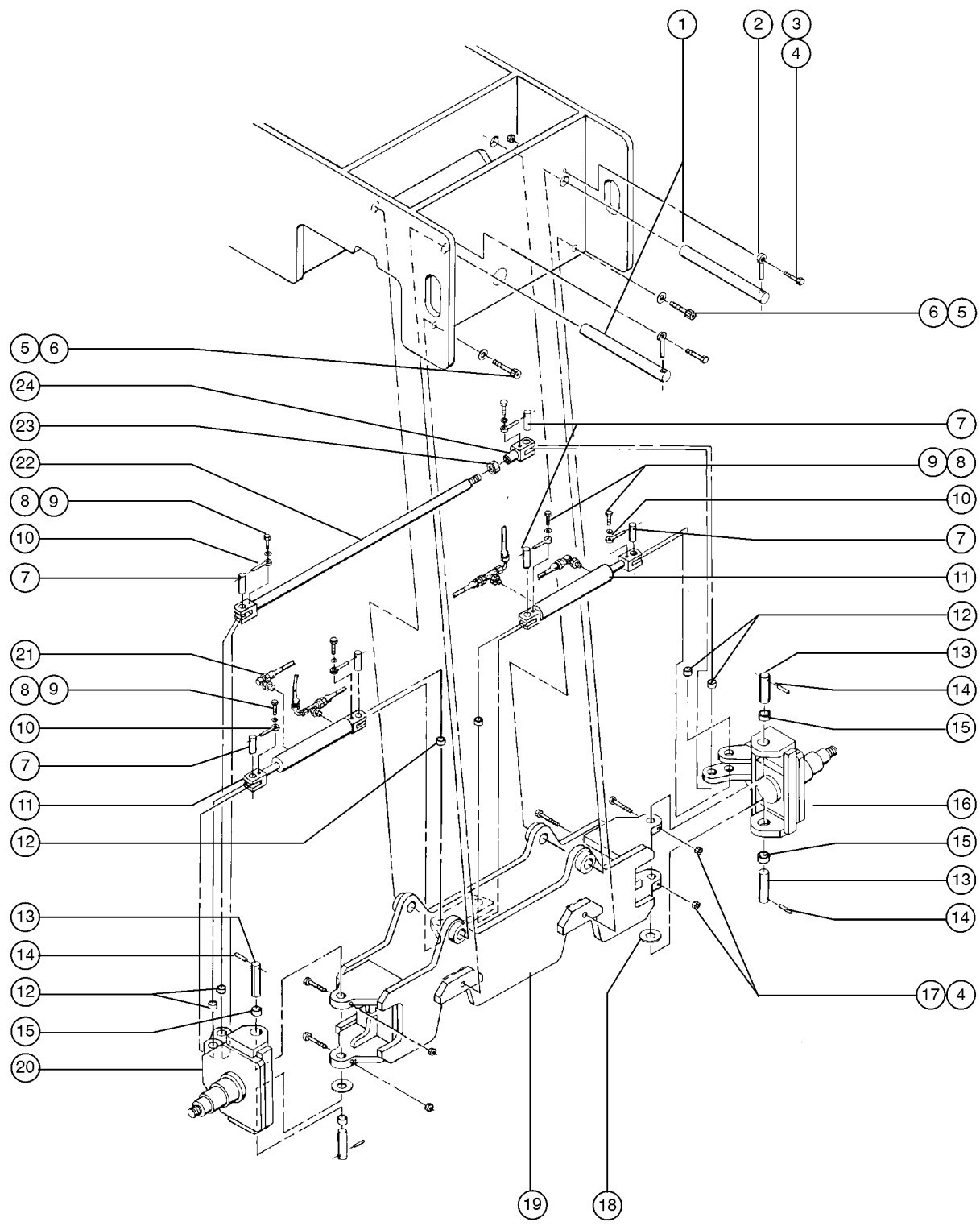
202.1 2WD Steer Axle Linkage - Non-oscillating Models



202.1 2WD Steer Axle Linkage - Non-oscillating Models

Item	Part No.	Description	Qty.
1	30731GT	PIN,PRIM.Boom,16.0 X 1.5 INCH	2
2	1256267GT	ROD END,.5 X 3.75,ZAG	2
3	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
4	6086GT	NUT,LP NYLOCK,1/2-13	6
5	45066GT	SCREW,SHC,5/8-11 X 2.25	2
6	13064GT	WASHER,FLAT,.625 HARDENED	2
7	34276GT	PIN,1.25DIA X 3.37LG,1HOLE	4
		steer cylinder	
7A	34276GT	PIN,1.25DIA X 3.37LG,1HOLE	2
		tie rod to SN 676	
7A	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360	2
		tie rod from SN 677 to 2574	
8	6175GT	SCREW,HHC,3/8-16 X 1	8
9	6021GT	WASHER, LOCK, .375	8
10	1255452GT	ROD END,.375 X 2.25,ZAG	6
11	88346GT	CYLINDER,S60/65 STEER***	2
11-	88347GT	SEAL KIT,STEER CYL,S60/65***	
		for cylinder 88346; check stamp on part prior to ordering	
11-	31078GT	SEAL KIT,HYDRAULIC CYLINDER***	2
		for cylinder 34420; check stamp on part prior to ordering	
12	30370GT	BEARING,1.25IDX1.5ODX1.00L	6
13	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360	4
14	14815GT	PIN,ROLL,SST,.25 X 2.25	4
15	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
16	33905GT	YOKE ASSEMBLY, LEFT SIDE, 2WD	1
		to SN 676; includes 2 each index numbers 12 and 15	
16	35002GT	YOKE ASSEMBLY,L.S.,2WD, S-60	1
		from SN 677 to 2574; includes 2 each index numbers 12 and 15	
17	8220GT	SCREW,HHC,1/2-13 X 4	4
18	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
19	33943GT	STEER AXLE ASSY, NON OSC,S-60	1
		includes 2 each index number 12	
20	33904GT	YOKE ASSEMBLY, RIGHT SIDE, 2WD	1
		to SN 676; includes 2 each index numbers 12 and 15	
20-	35001GT	YOKE ASSEMBLY,R.S.,2WD, S-60	1
		from SN 677 to 2574; includes 2 each index numbers 12 and 15	
21		Ref. Hydraulic Hoses & Fittings	1
		refer to sections 208.1 and 209.1	
22	34484-SGT	TIE ROD WELDMENT,S60***	1
		to SN 676	

202.1 2WD Steer Axle Linkage - Non-oscillating Models

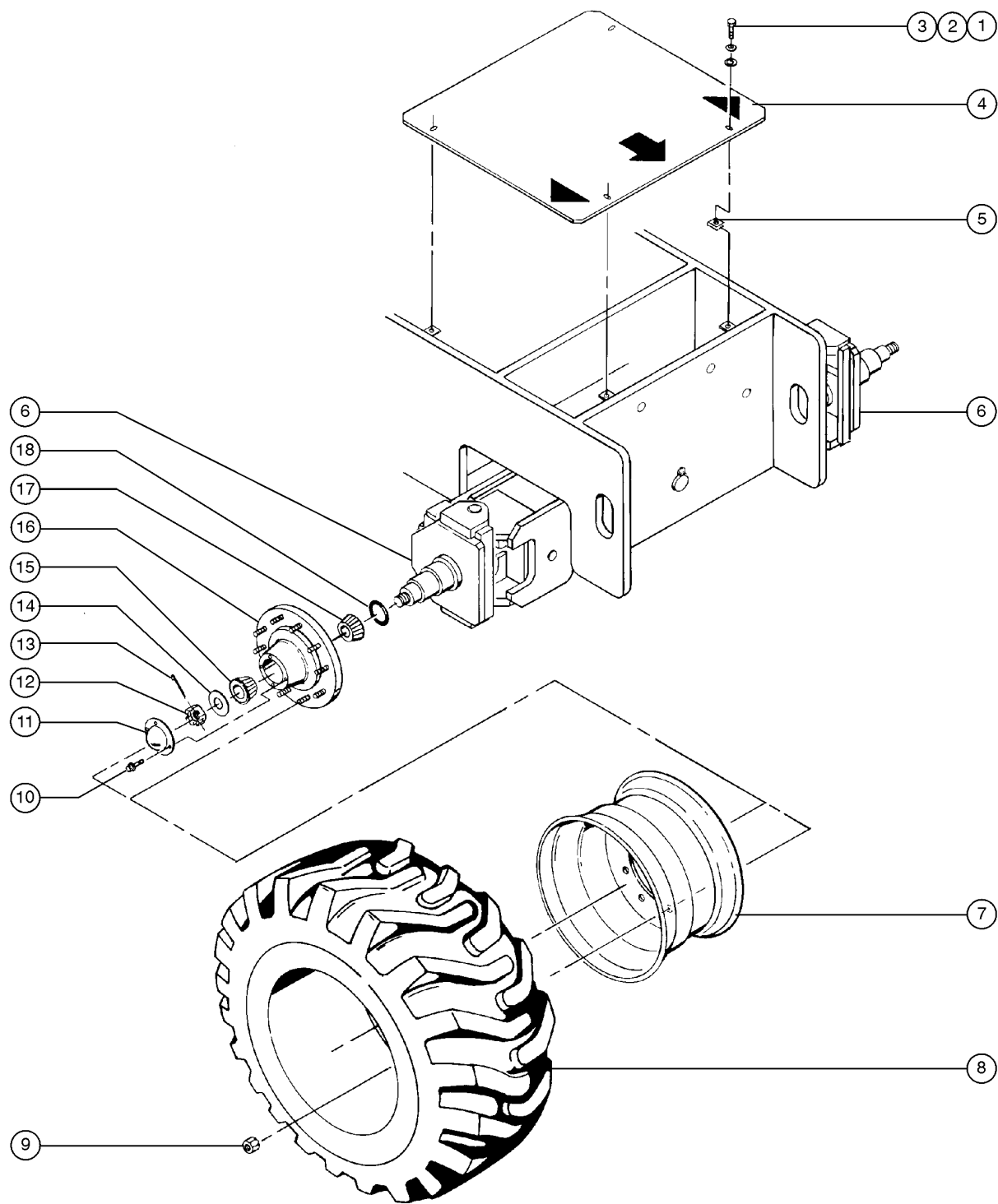


202.1 2WD Steer Axle Linkage - Non-oscillating Models

Item	Part No.	Description	Qty.
22	63156GT	TIE ROD WELDMENT,S60*** from SN 677 to 2574	
23	27953GT	NUT,HEX,JAM,1.25-7	1
24	33899GT	WELDMENT, ROD END	1



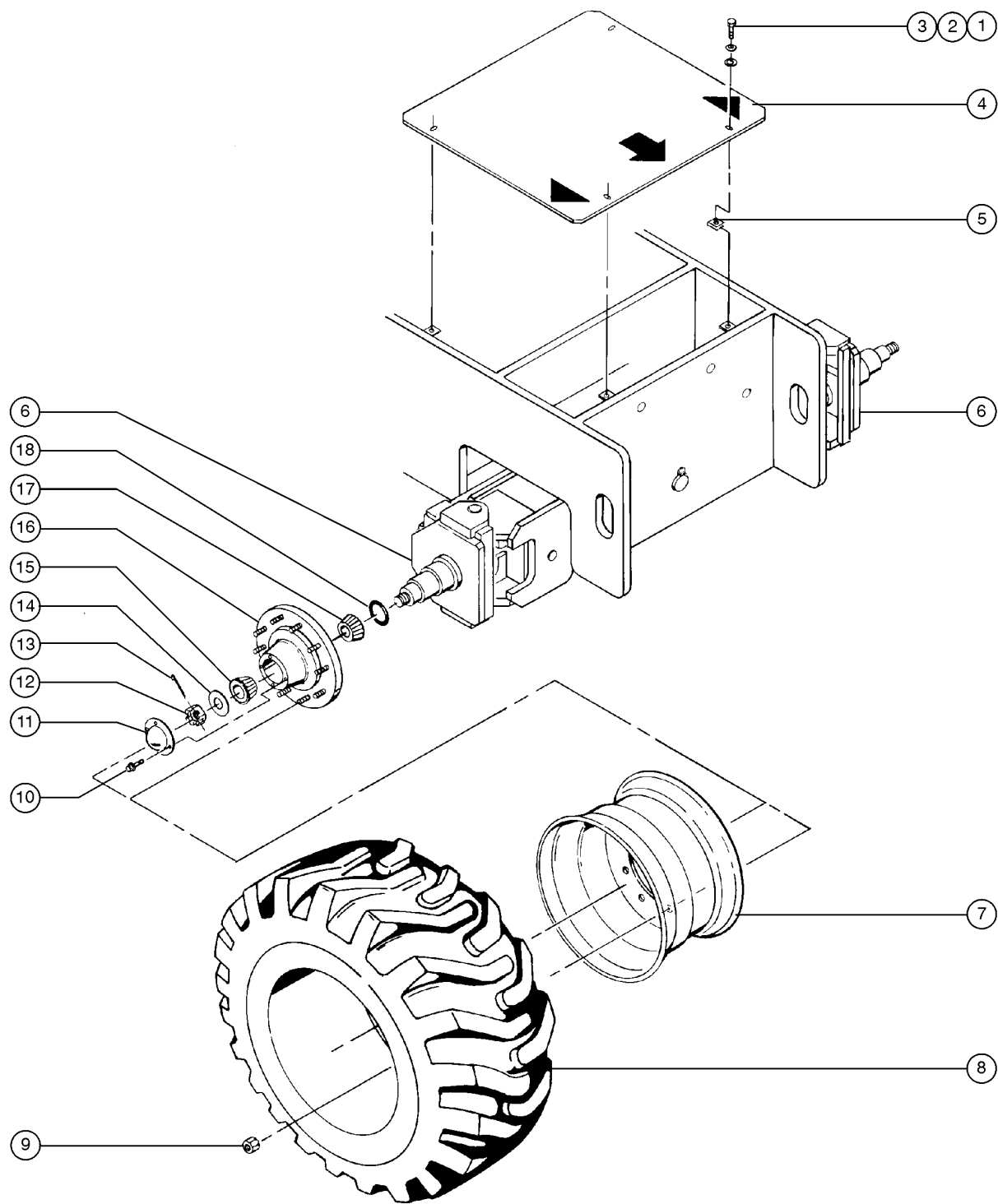
203.1 2WD Steer Axle Wheels and Hubs (to SN 676)



203.1 2WD Steer Axle Wheels and Hubs (to SN 676)

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	1
		no longer available	
5	56912GT	SPRING CLIP, 1/4-20, .025-.15X.54, ZAG	4
6		Ref. 2WD Steer Axle refer to sections 201.1 and 202.1	4
7	73259GT	WHEEL, 19.5 X 11.75*** (replaced 27463, 19.5 x 12.2)	2
7B	73257GT	TIRE & WHEEL ASSY: AIR (air filled, right) (replaced 25767 and 33400)	2
7B-	73258GT	TIRE & WHEEL ASSY: AIR (air filled, left) (replaced 25768 and 33401)	2
7C	73260GT	TIRE & WHEEL ASSY, FOAM*** (foam filled, right) (replaced 25765 and 33402)	2
7C-	73261GT	TIRE & WHEEL ASSY, FOAM*** (foam filled, left) (replaced 25766 and 33403)	2
8	73185GT	TIRE, 38/65D-19.5, 16PLY, OTR* (by Blackstone 15 x 19.5) (replaced 25766, Goodyear 15 x 19.5 and 33403, Firestone 15 x 19.5)	2
9	54627GT	NUT, LUG, 5/8-18 X 90 DEGREE, Z45	20
10	18506GT	SCREW 5/16-18 X .75 LG. FLG. LCK.	8
11	53985GT	CAP, DUST	2
12	53989GT	NUT, CASTLE, 1-1/4 - 12 UNF	2
13	34628GT	PIN, COTTER, .375 X 3.5	2
14	34626GT	WASHER, FLAT, 2.0 X 4.5 X .25	2
15	73080GT	BEARING, OUTER CONE	2
16	33891GT	HUB ASSEMBLY WITH RACES	2
16-	31510GT	RACE, INNER, 30285	2
16-	31511GT	RACE, OUTER, 30285	2
16-	53993GT	KIT, BEARING, Z60	2
16-	53994GT	STUD, HUB, 5/8-18 X 2 1/2	2
17	53986GT	INNER BEARING	2
18	53991GT	SEAL, GREASE	2

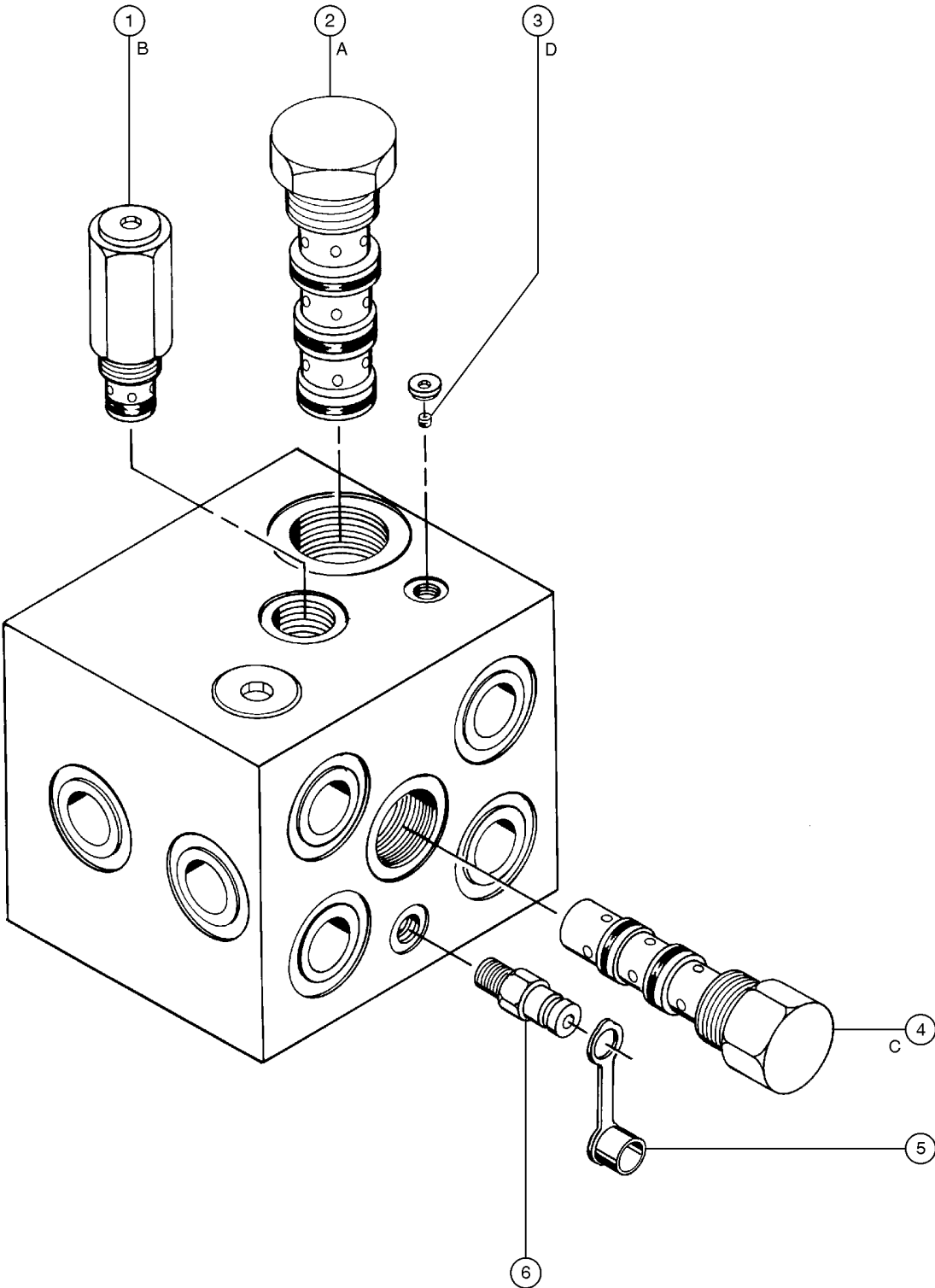
204.1 2WD Steer Axle Wheels and Hubs (from SN 677)



204.1 2WD Steer Axle Wheels and Hubs (from SN 677)

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	1
		no longer available	
5	56912GT	SPRING CLIP, 1/4-20, .025-.15X.54, ZAG	4
6		Ref. 2WD Steer Axle	4
		refer to sections 201.1 and 202.1	
7	73184GT	WHEEL, 19.5 X 11.75, 10 HOLE***	2
7-	73180GT	TIRE & WHEEL RH, AIR S60***	2
		shown	
7-	73182GT	TIRE & WHEEL ASSY. RIGHT, FF S60	2
7-	73181GT	TIRE & WHEEL LH, AIR S60	2
7-	73183GT	TIRE & WHEEL ASSY. LEFT, FF S60	2
8	73185GT	TIRE, 38/65D-19.5, 16PLY, OTR*	2
9	34127GT	NUT, LUG, 3/4-16 X 7/8 RADIUS	20
10	18506GT	SCREW 5/16-18 X .75 LG. FLG. LCK.	8
11	73082GT	CAP, DUST	2
12	34627GT	NUT, SPINDLE, 2.00-12	2
13	34628GT	PIN, COTTER, .375 X 3.5	2
14	34626GT	WASHER, FLAT, 2.0 X 4.5 X .25	2
15	73080GT	BEARING, OUTER CONE	2
16	73075GT	HUB ASSY W/RACES	2
16-	73076GT	HUB RACE, INNER	2
16-	73077GT	HUB RACE, OUTER	2
16-	73078GT	STUD, WHEEL, 3/4-16	2
17	73079GT	BEARING, INNER CONE	2
18	94794GT	SEAL, GREASE	2

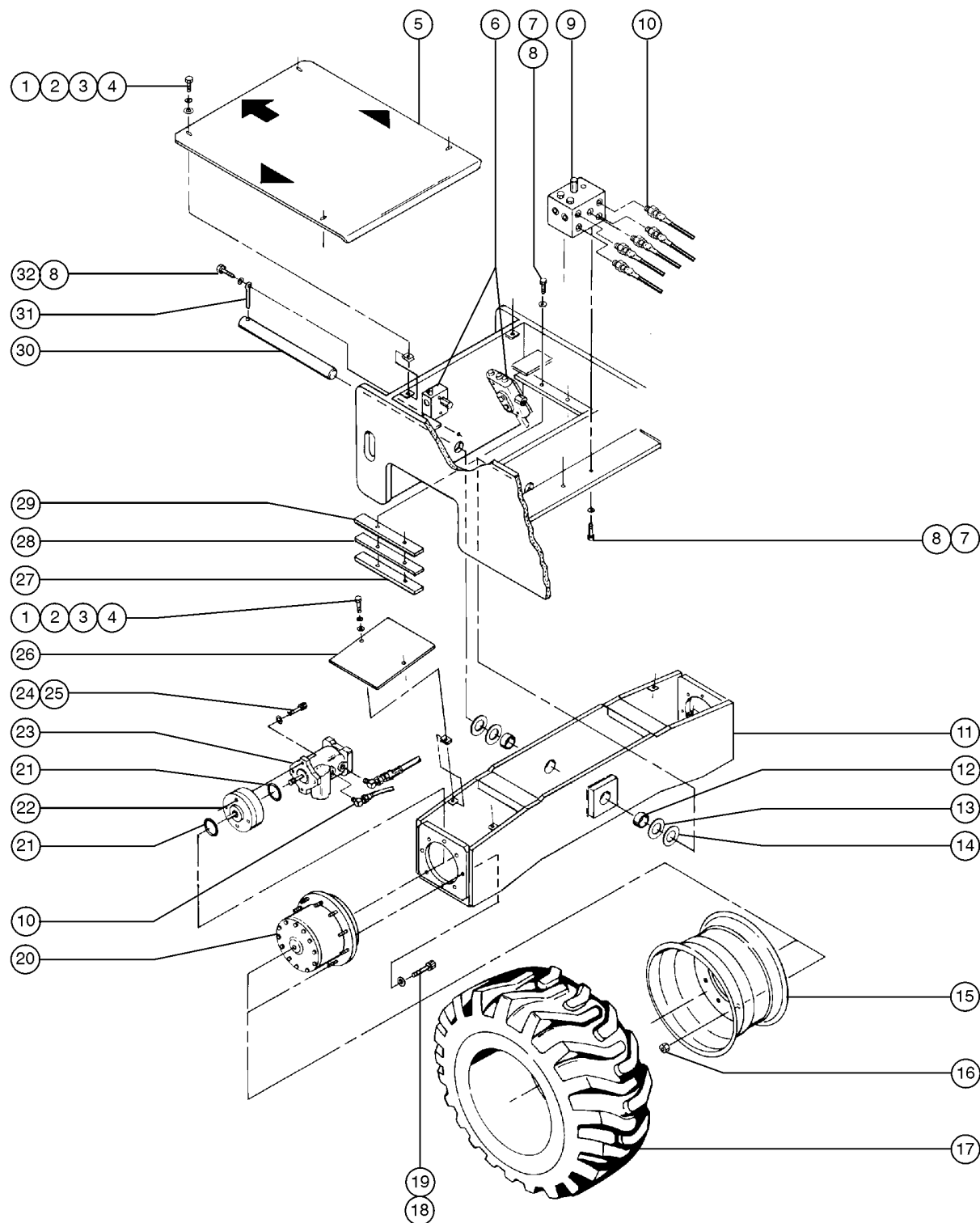
205.1 2WD Drive Manifold



205.1 2WD Drive Manifold

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	34448GT	TRACTION MANIFOLD,2WD***	
	25375GT	KIT, O-RING	
	33994GT	PLUG AND CAP KIT-SERVICE,37?***	
1	31406GT	VALVE,RELIEF 250 PSI*** B; Charge pressure circuit	1
1-	110194GT	SEAL KIT, VALVE, #10	
2	52726GT	VALVE,FLOW DIVIDER/COMBINER A; Charge pressure circuit	2
2-	84135GT	SEAL KIT, VALVE	
3	33520GT	PLUG,ORIFICE,0.070 D; Drive circuit	2
4	27761GT	VALVE,SHUTTLE C; Drive circuit	1
4-	84134GT	SEAL KIT, VALVE	
5	48880GT	CAP,DIAGNOSTIC NIPPLE	1
6	48997GT	NIPPLE,DIAGNOSTIC,#4 Testing	1
6-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1

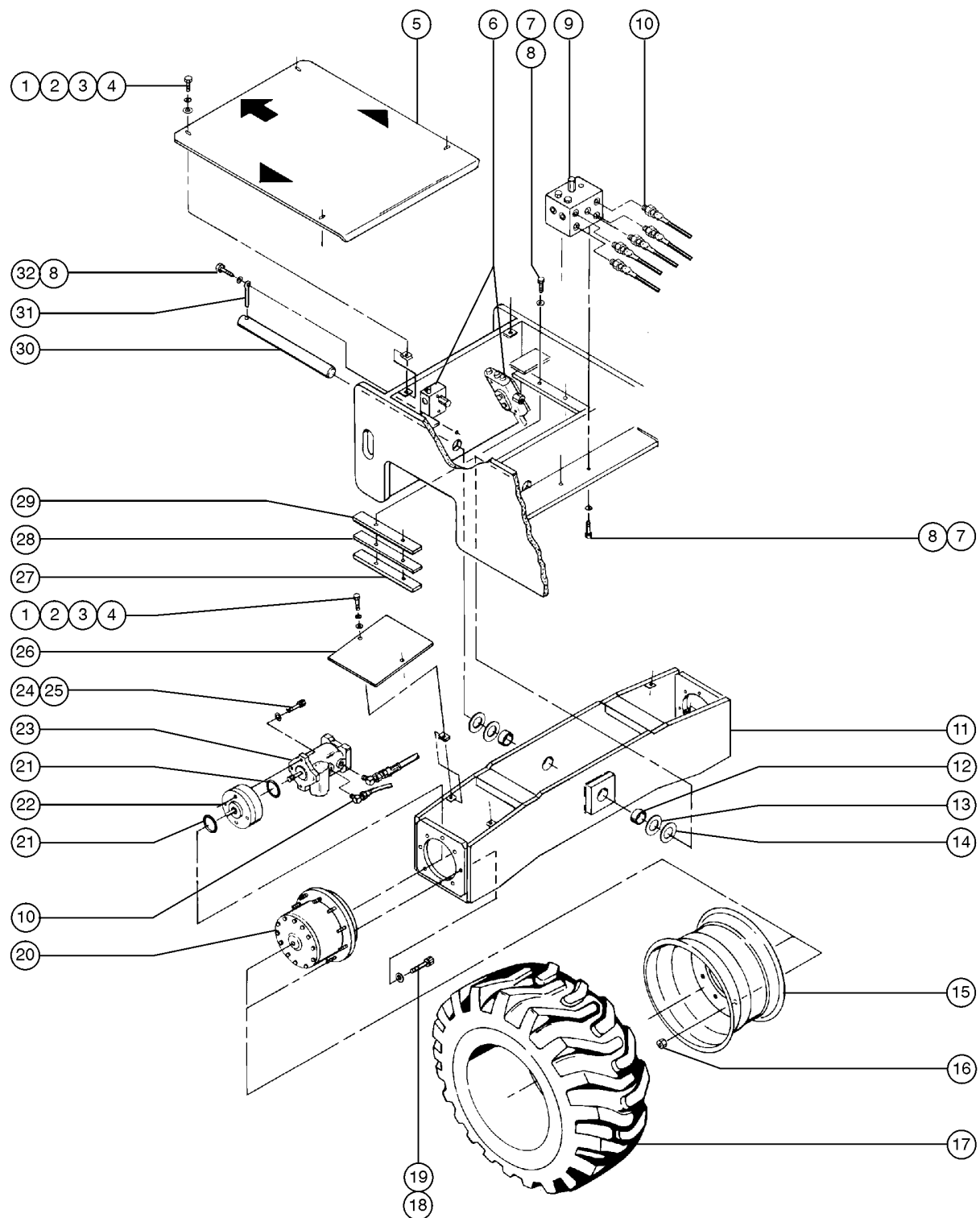
206.1 2WD Non-steer Axle



206.1 2WD Non-steer Axle

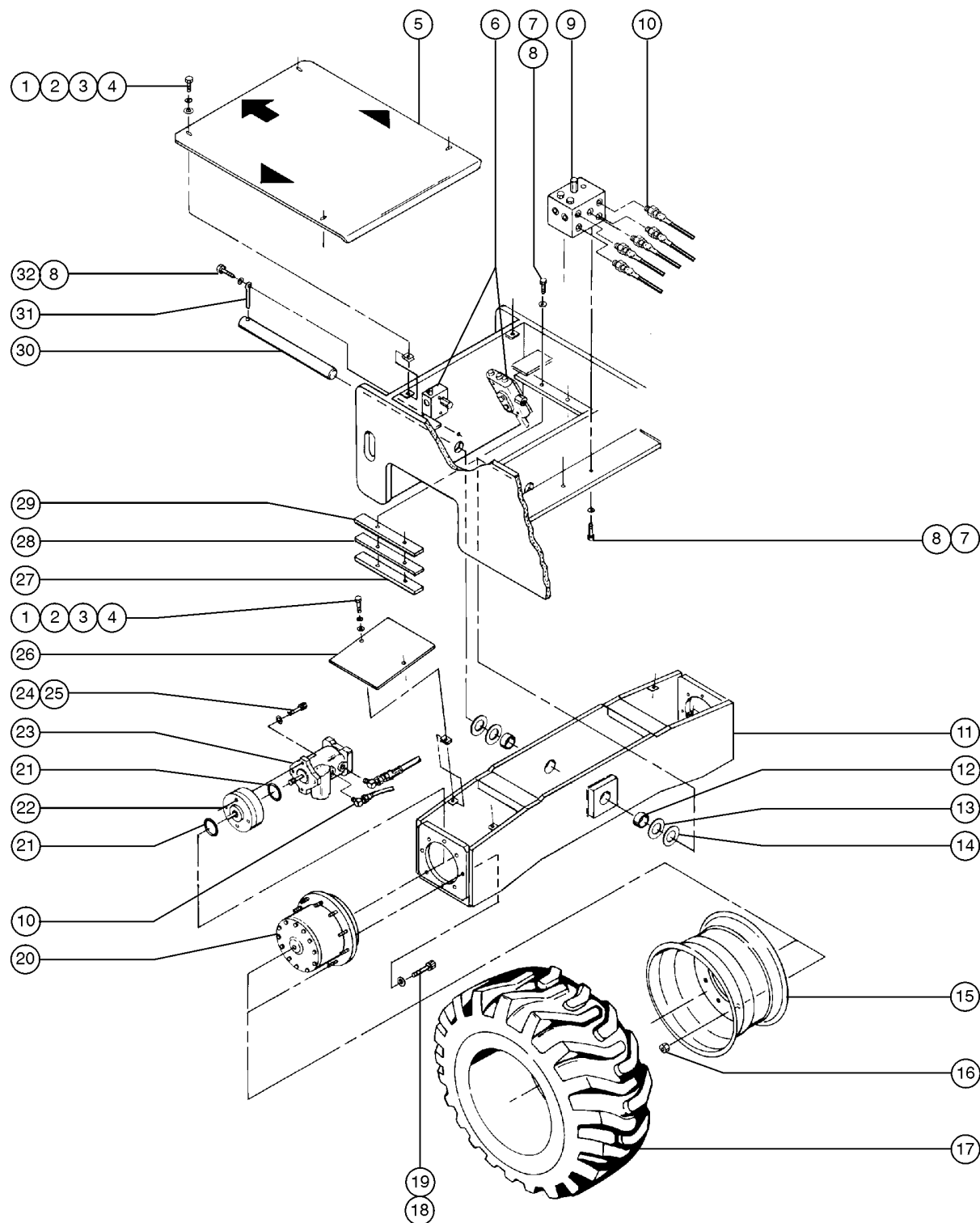
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	8
2	6356GT	WASHER, LOCK, .25	8
3	6638GT	WASHER, FLAT, USS, 1/4"Y	8
4	56912GT	SPRING CLIP, 1/4-20, .025-.15X.54, ZAG	8
5	33944GT	COVR W/DECLS, DR CHAS, NS END	1
6		Ref. Oscillation Manifolds	1
		refer to section 207.1	
7	8177GT	SCREW, HHC, 1/2-13 X 1.5	7
8	6033GT	WASHER, LOCK, 0.5"	8
9		Ref. 2WD Drive Manifold	8
		refer to section 205.1	
10		Ref. Hydraulic Hoses & Fittings	8
		refer to sections 208.1 and 209.1	
11	33945GT	NON-STEER AXLE ASSEMBLY S60%%	1
		includes index number 12	
12	34639GT	BEARING, 2.5"ID X 2.75 X 2.25"L	2
13	29746GT	WASHER, FLAT, 2.5 X 4 X .062	as ne ed ed
14	25436GT	WASHER, THRUST, 2.56 X 4.0 X .18	as ne ed ed
15	73184GT	WHEEL, 19.5 X 11.75, 10 HOLE***	2
15-	73180GT	TIRE & WHEEL RH, AIR S60***	2
		shown	
15-	73182GT	TIRE & WHEEL ASSY. RIGHT, FF S60	2
15-	73181GT	TIRE & WHEEL LH, AIR S60	2
15-	73183GT	TIRE & WHEEL ASSY. LEFT, FF S60	2
16	34127GT	NUT, LUG, 3/4-16 X 7/8 RADIUS	20
17	73185GT	TIRE, 38/65D-19.5, 16PLY, OTR*	2
18	45066GT	SCREW, SHC, 5/8-11 X 2.25	16
19	13064GT	WASHER, FLAT, .625 HARDENED	16
20	33434GT	WHEEL DRIVE, W3 73:1***	2
20-	33440GT	SEAL KIT, TORQUE HUB (34115)***	
20-	33441GT	STUD, WHEEL, 3/4-16, (34115)	
20-	33989PGT	COVER, TORQUE HUB, PAINTED GRAY	

206.1 2WD Non-steer Axle



Item	Part No.	Description	Qty.
20-	33990GT	O-RING, TORQUE HUB COVER	
20-	33991GT	ACTUATOR, FOR/DISCONNECT ROD	
20-	33992GT	DISCONNECT ROD, TORQUE HUB	
20-	58238GT	BEARING KIT, WHEEL DRIVE, S60***	
20-	58283GT	BOLT, COVER, WHEEL DRIVE, W3***	
20-	147558GT	KIT, BEARING, TAPERED, OUTER***	
20-	147559GT	KIT, BEARING, TAPERED, INNER***	
20-	58999GT	WASHER, THRUST, (33434)** for models with 33434	
20-	65802GT	WASHER, THRUST W3 HUB (53483) for models with 53483	
20-	65846GT	BEARING, THRUST WASHER***	
20-	65855GT	SNAP RING, W3/W6 TORQUE HUB*	
20-	72288GT	COUPLER, METAL (53483)	
20-	83084GT	SEAL, LIP (33434)***	
21	22811GT	O-RING, MOTOR TO BRAKE*** measures approx 4" x 0.10"	4
22	73919GT	BRAKE, 1200 INLB*** includes 2 each index number 21	2
22-	75659GT	SEAL KIT, AUSCO (73918)	
22-	75658GT	LINING KIT, AUSCO (73918)***	
22-	65608GT	BEARING KIT, AUSCO***	
22A-	29291GT	SEAL KIT, MICO for Mico Brake 29422 and 41913	2
22A-	29292GT	BRAKE, LINING KIT, MICO for Mico Brake 29422	2
22A-	29293GT	BEARING KIT, MICO for Mico Brake 29422 and 41913	2
22A-	41918GT	LINING KIT, MICO BRAKE for Mico Brake 41913	
23	24668GT	DRIVE MOTOR REAR, 2WD/7 DEGREE* includes 1 each index number 21	2
23-	33444GT	SEAL KIT, DRIVE MOTOR, (24668)	2
24	7261GT	SCREW, HHC, 1/2-13 X 5 BLACK for Mico Brakes	4
24-	56680GT	SCREW, SHC, 1/2-13 X 4.50 ZINC for Ausco Brakes	
25	13066GT	WASHER, FLAT, .5 HARDENED	4
26	34409P-SGT	COVER, REAR AXLE BLUE	2

206.1 2WD Non-steer Axle

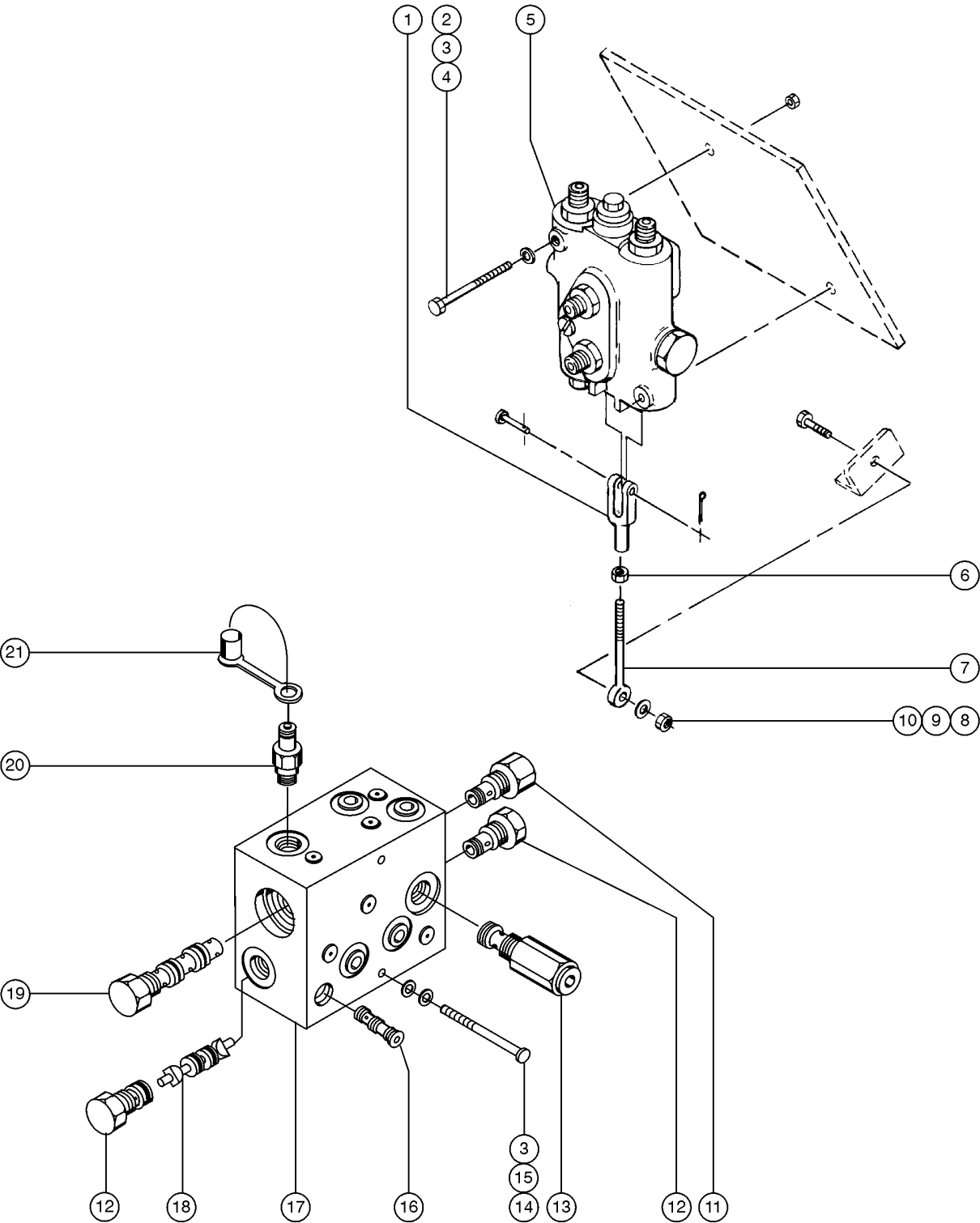


206.1 2WD Non-steer Axle

Item	Part No.	Description	Qty.
27	34217P-SGT	BAR,AXLE ROTATION STOP,PAINTED non-oscillating models	2
27-	34218P-SGT	BAR,AXLE ROTATION STOP,OSC. oscillating models	2
28	34215GT	SHIM,AXLE ROTATION STOP,12GA	as ne ed ed
29	34216GT	SHIM,AXLE ROTATION STOP,22GA	as ne ed ed
30	34273GT	PIN,2.50DIA X 21.12LG,1HOLE	1
31	1256267GT	ROD END,.5 X 3.75,ZAG	3
32	6096GT	SCREW,HHC,1/2-13 X 2 GR5	1



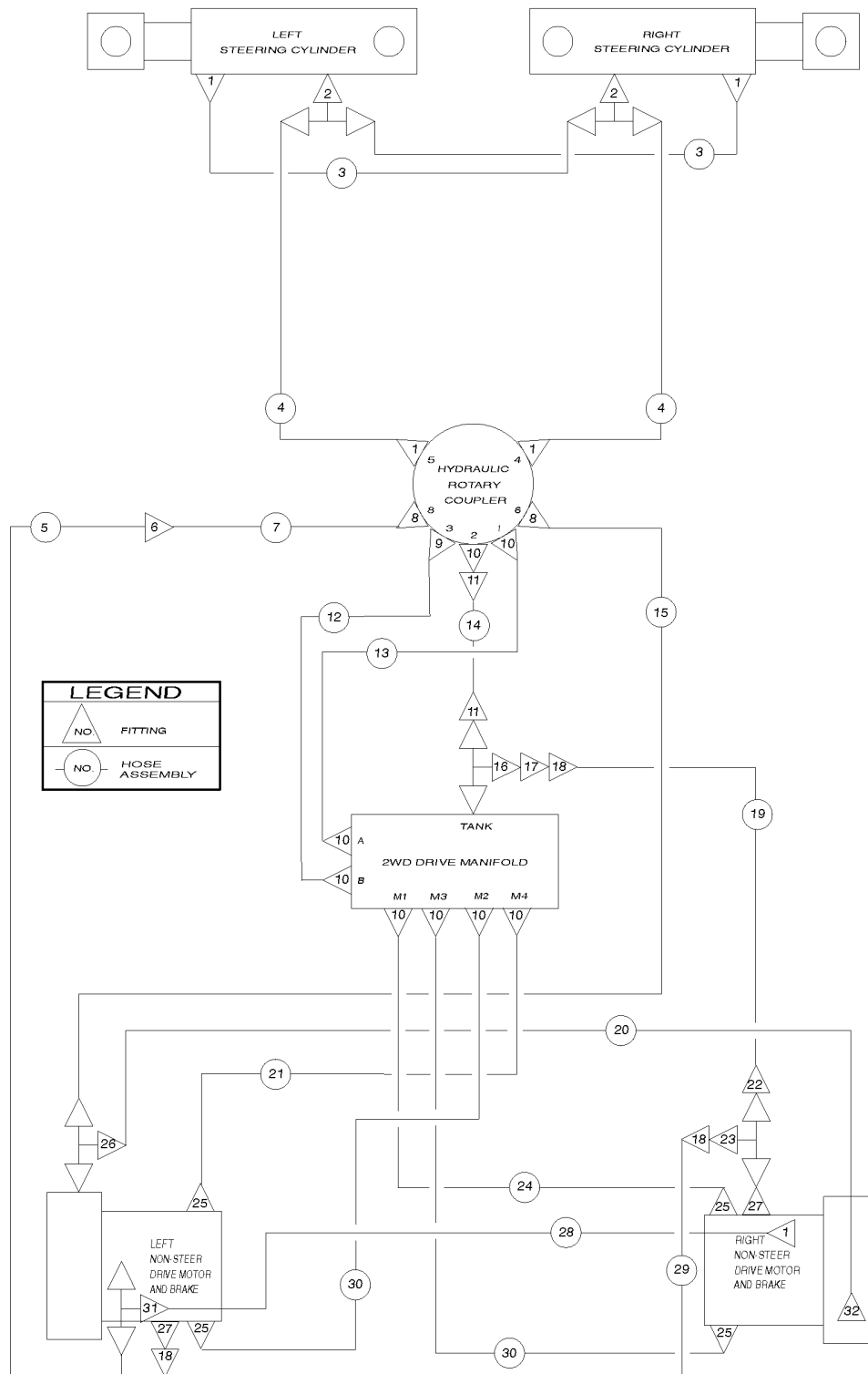
207.1 2WD Oscillation Manifolds



207.1 2WD Oscillation Manifolds

Item	Part No.	Description	Qty.
	25375GT	KIT, O-RING	
	33994GT	PLUG AND CAP KIT-SERVICE,37?***	
1	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
		includes clevis and cotter pins	
2	6884GT	SCREW,HHC,1/4-20 X 2.5	2
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	6091GT	NUT,NYLOCK,1/4-20	4
5	30558GT	VLV,MAN,3 POS/4 WAY,OPEN CTR	1
5-	32681GT	SEAL KIT,CONTROL VALVE	1
6	21496GT	NUT,HEX,1/4-28	1
7	34858GT	ROD END,1/4-28 OSC.LINKAGE	1
8	5365GT	NUT,NYLOCK,10-24	1
9	6146GT	WASHER,FLAT,MS,#10,Y	1
10	6584GT	SCREW,SHS,10-24 X .625	1
11	27532GT	VALVE,DIFFERENTIAL SENSING	1
12	32725GT	VALVE,CHECK (30797)	2
13	37050GT	VALVE,UNLOADER,P.O.	1
14	12343GT	SCREW,HHC,1/4-20 X 3	2
15	6356GT	WASHER,LOCK,.25	2
16	45483GT	VALVE,SHUTTLE***	1
17	30797GT	MANIFOLD,OSCILLATION	1
		includes index numbers 11 through 13 and 16 through 19	
17-	25375GT	KIT, O-RING	1
18	32724GT	PISTON (30797)	1
19	32723GT	VALVE,SHUTTLE (30797)	1
20	48997GT	NIPPLE,DIAGNOSTIC,#4	1
20-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
21	48880GT	CAP,DIAGNOSTIC NIPPLE	1

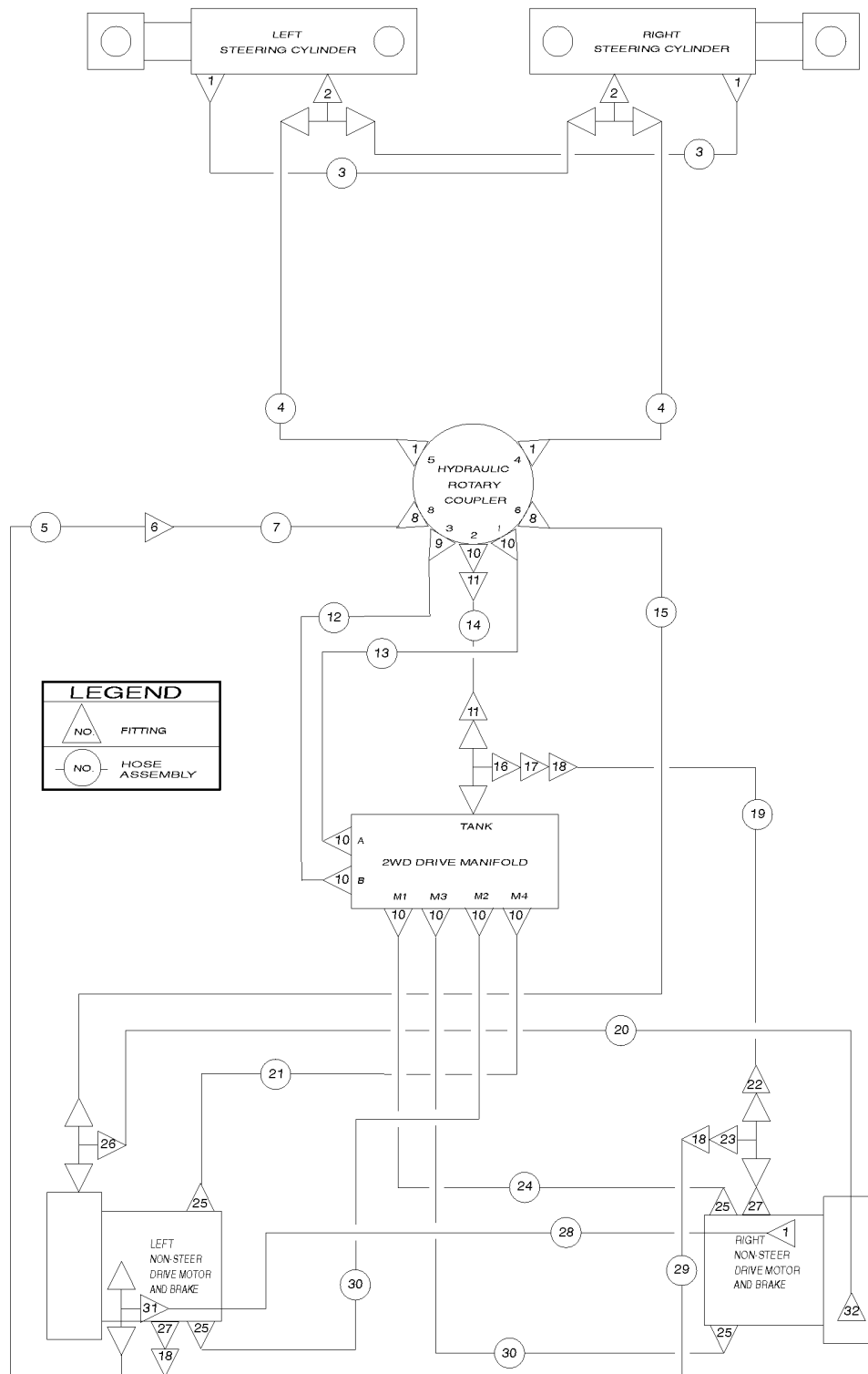
208.1 2WD Hydraulic Hoses and Fittings - Drive and Steer Systems



208.1 2WD Hydraulic Hoses and Fittings - Drive and Steer Systems

Item	Part No.	Description	Qty.
	33994GT	PLUG AND CAP KIT-SERVICE,37?*	
1	13120GT	ELBOW,070220-6-6	5
2	45705GT	TEE,BRANCH,070429-6-6	2
3		HOSE ASSEMBLY, 25" (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06). (no longer available, contact customer service)	2
4		HOSE ASSEMBLY, 65" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06). (no longer available, contact customer service)	2
5		HOSE ASSEMBLY, 60" Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544), Hose End - 90o Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04). (no longer available, contact customer service)	1
6	19142GT	UNION,070101-6-6	1
7	34838GT	HOSE ASSEMBLY, 60" Hose End - 90o Female JIC Swivel, 4 JIC (Synflex 3903-04644), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
8	12340GT	ELBOW,070220-4-6	2
9	22099GT	ELBOW,070320-12-12	1
10	19687GT	CONNECTOR,070120-12-12	8
11	45170GT	HOSE END,BARBED,SWIVEL,-12-12	2
12	34594GT	HOSE ASSEMBLY, 33.5" Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - 90o Female JIC Swivel, Long, 12-12 (Weatherhead 45012E-652) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	1
13	34595GT	HOSE ASSEMBLY, 29.75" Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - 90o Female JIC Swivel, 12-12 (Weatherhead 43012E-672) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	1
14	34837GT	3/4" PUSH ON HOSE, 22" LONG Hose - 3/4" Push On (Weatherhead H20112)	1
15	34835GT	HOSE ASSEMBLY, 94" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90o Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
16	28456GT	TEE,RUN,070428-12-12	1
17	20325GT	REDUCER,070123-12-8	1
18	20324GT	HOSE END,BARBED,SWIVEL,-8-8	3
19	34836GT	HOSE ASSEMBLY, 45" Hose - 1/2" Push On (Weatherhead H20108)	1
20	34834GT	HOSE ASSEMBLY, 68" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
21	34827GT	HOSE ASSEMBLY,49.5" Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	1
22	28597GT	HOSE END,BARBED,SWIVEL,90DEG-8	1

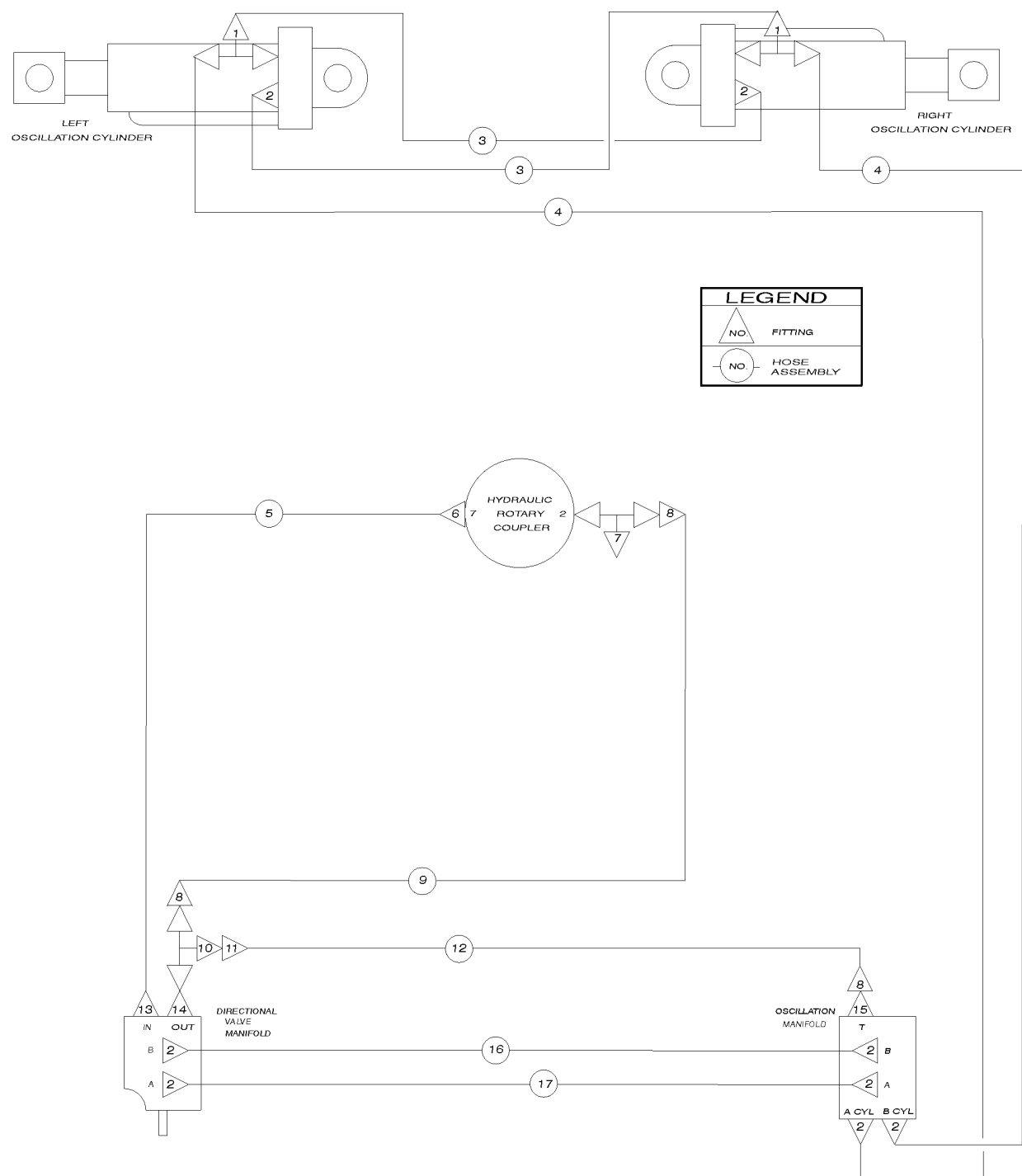
208.1 2WD Hydraulic Hoses and Fittings - Drive and Steer Systems



208.1 2WD Hydraulic Hoses and Fittings - Drive and Steer Systems

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23	21252GT	TEE,RUN,070432-8	1
24	34826GT	HOSE ASSEMBLY,35" Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	1
25	20332GT	ELBOW,070220-12-16	4
26	23802GT	TEE,RUN,070428-4-4	1
27	25951GT	ELBOW,070220-8-12	2
28	34832GT	HOSE ASSEMBLY, 60" Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
29	34831GT	HOSE ASSEMBLY, 56" Hose - 1/2" Push On (Weatherhead H20108)	1
30	34825GT	HOSE ASSEMBLY,40.5" Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	2
31	13119GT	TEE,RUN,070428-6-6	1
32	13921GT	ELBOW,070220-4-4	1

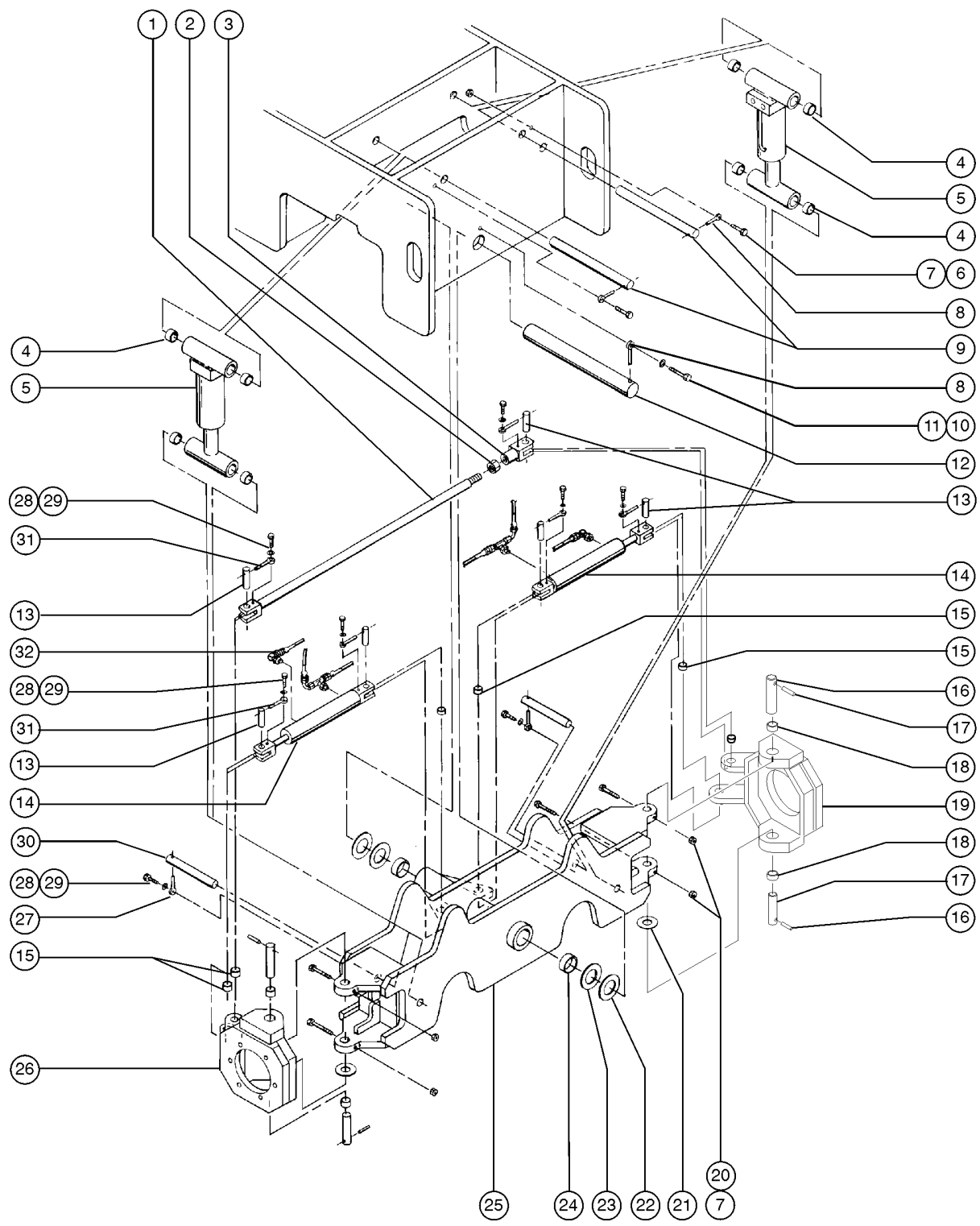
209.1 2WD Hydraulic Hoses and Fittings - Oscillation System



209.1 2WD Hydraulic Hoses and Fittings - Oscillation System

Item	Part No.	Description	Qty.
	33994GT	PLUG AND CAP KIT-SERVICE,37?*	
1	13119GT	TEE,RUN,070428-6-6	2
2	45412GT	CONNECTOR,070120-6-6	8
3	34817GT	Hose Assembly - Components: @ 15.3 inches (39 cm) Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90° Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	2
4	34818GT	Hose Assembly - Components: @ 135 inches (344 cm) Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90° Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	2
5	34819GT	Hose Assembly - Components: @ 69.3 inches (176 cm) Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90° Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1
6	13120GT	ELBOW,070220-6-6	1
7	20334GT	TEE,RUN,070428-8	1
8	28597GT	HOSE END,BARBED,SWIVEL,90DEG-8	3
9	34820GT	Hose - Component: @ 67 inches (170 cm) Hose - 1/2" Push On (Weatherhead H20108)	1
10	21252GT	TEE,RUN,070432-8	1
11	20324GT	HOSE END,BARBED,SWIVEL,-8-8	1
12	34814GT	Hose - Component: @ 13.5 inches (34.3 cm) Hose - 1/2" Push On (Weatherhead H20108)	1
13	18687GT	CONNECTOR,070120-6-8	1
14	45703GT	CONNECTOR,070120-8-8	1
15	20923GT	CONNECTOR,070120-8-6	1
16	34815GT	Hose Assembly - Components: @ 19.3 inches (49 cm) Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90° Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1
17	34816GT	Hose Assembly - Components: @ 14.3 inches (36.4 cm) Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90° Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1

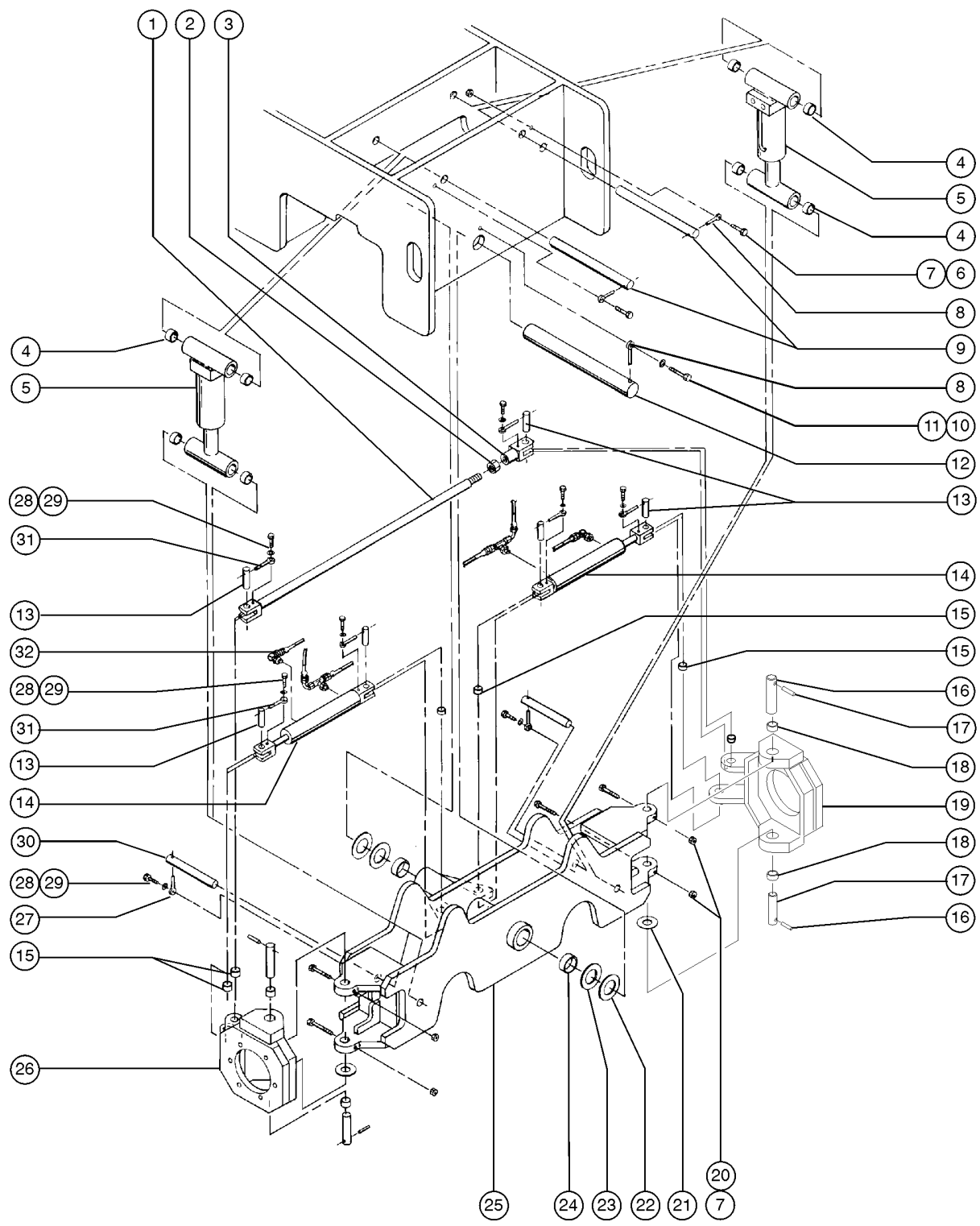
301.1 4WD Steer Axle Linkage - Oscillating Models



301.1 4WD Steer Axle Linkage - Oscillating Models

Item	Part No.	Description	Qty.
1	34484-SGT	TIE ROD WELDMENT,S60***	1
2	27953GT	NUT,HEX,JAM,1.25-7	1
3	33899GT	WELDMENT, ROD END	1
4	45072GT	BEARING,GARLOCK,24DU24	8
5	1264673GT	CYLINDER, OSCILLATE, S60 includes 4 each index number 4	1
5-	33894GT	SEAL KIT,HYDRAULIC CYLINDER	1
5-	33428GT	VALVE,COUNTERBALANCE	1
6	6096GT	SCREW,HHC,1/2-13 X 2 GR5	3
7	6086GT	NUT,LP NYLOCK,1/2-13	6
8	1256267GT	ROD END,.5 X 3.75,ZAG	3
9	30731GT	PIN,PRIM.BOOM,16.0 X 1.5 INCH	2
10	8177GT	SCREW,HHC,1/2-13 X 1.5	1
11	6033GT	WASHER,LOCK,0.5"	1
12	34642GT	PIN,2.50DIA X 23.38LG,1HOLE	1
13	34276GT	PIN,1.25DIA X 3.37LG,1HOLE	6
14	88346GT	CYLINDER,S60/65 STEER***	2
14-	88347GT	SEAL KIT,STEER CYL,S60/65*** for cylinder 88346; check stamp on part prior to ordering	
14-	31078GT	SEAL KIT,HYDRAULIC CYLINDER*** for cylinder 34420; check stamp on part prior to ordering	2
15	30370GT	BEARING,1.25IDX1.5ODX1.00L	6
16	14815GT	PIN,ROLL,SST,.25 X 2.25	4
17	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360	4
18	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
19	33942GT	YOKE ASSEMBLY, LEFT SIDE 4WD includes 2 each index numbers 15 and 18	1
20	8220GT	SCREW,HHC,1/2-13 X 4	4
21	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
22	25436GT	WASHER,THRUST,2.56 X 4.0 X .18	as ne ed ed
23	29746GT	WASHER,FLAT,2.5 X 4 X .062	as ne ed ed

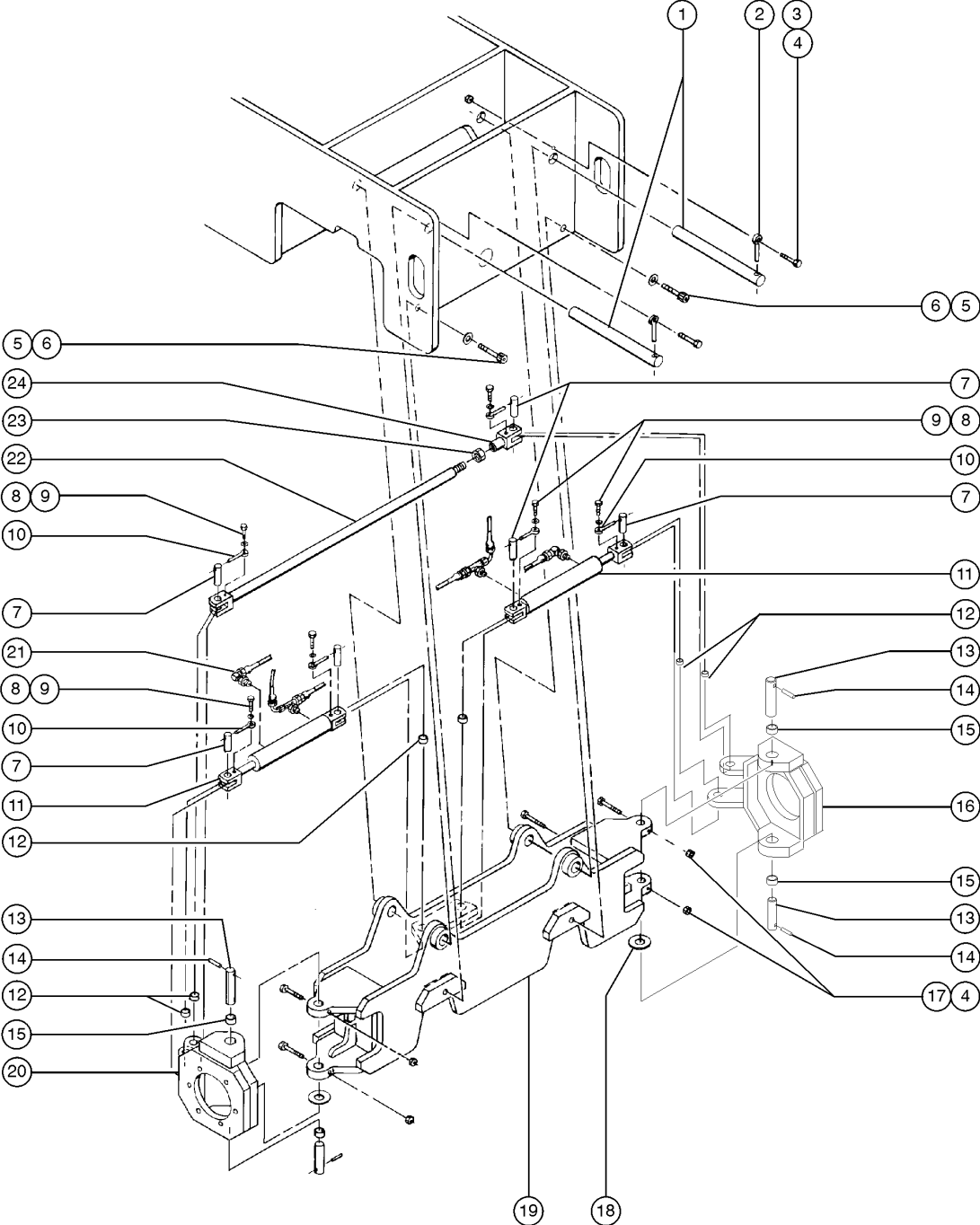
301.1 4WD Steer Axle Linkage - Oscillating Models



301.1 4WD Steer Axle Linkage - Oscillating Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
25	33908GT	STEER AXLE ASSEMBLY, OSC, S-60 includes 2 each index numbers 15 and 24	1
26	33941GT	YOKE ASSEMBLY, RIGHT SIDE 4WD includes 2 each index numbers 15 and 18	1
27	825019GT	ROD END, .375X3.69, ZAG	2
28	6175GT	SCREW,HHC,3/8-16 X 1	8
29	6021GT	WASHER, LOCK, .375	8
30	34641GT	PIN,OSC. AXLE/DRIVE CHASSIS	2
31	1255452GT	ROD END,.375 X 2.25,ZAG	6
32		Ref. Hydraulic Hoses & Fittings refer to sections 307.1 and 308.1	6

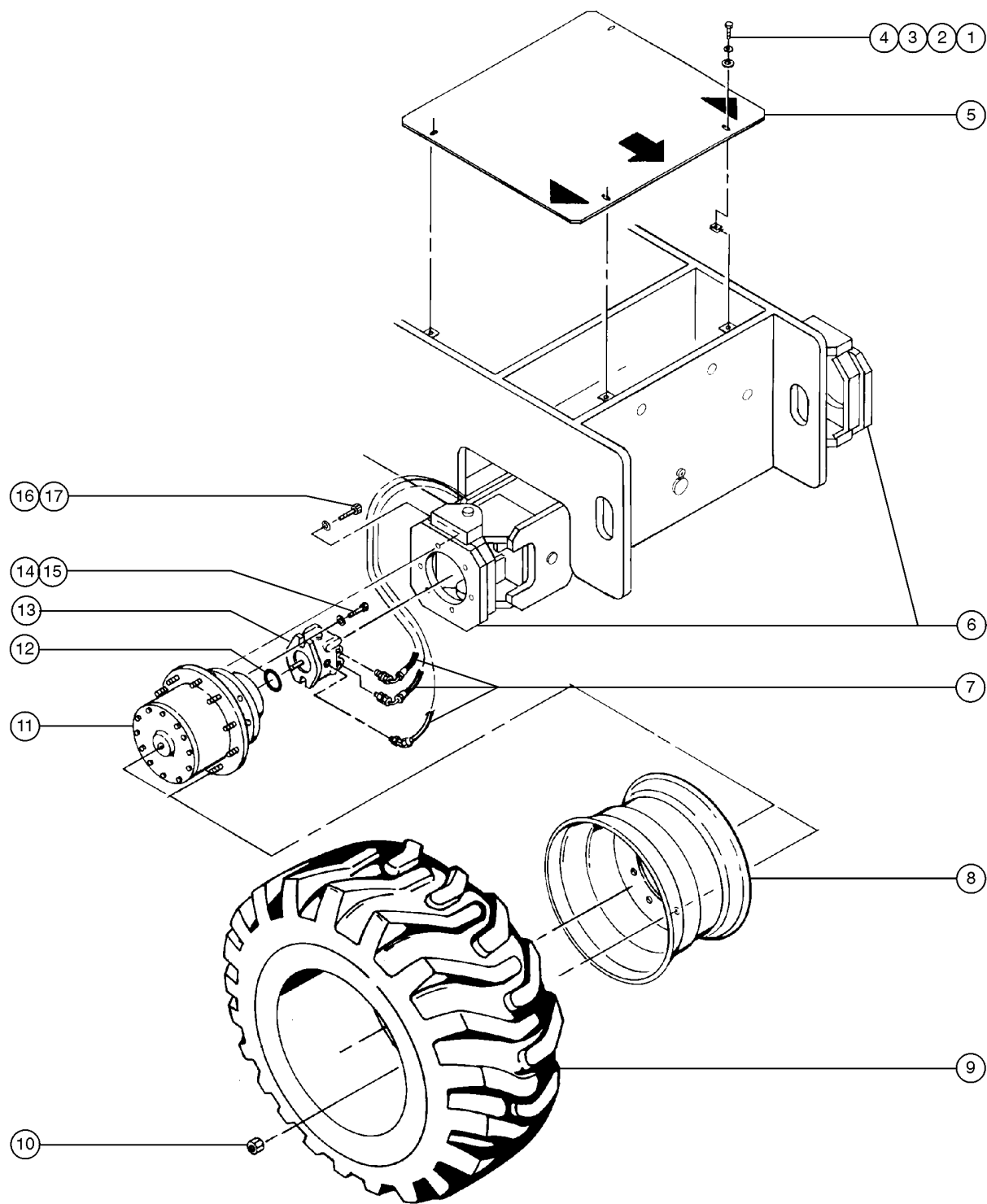
302.1 4WD Steer Axle Linkage Non-oscillating Models



302.1 4WD Steer Axle Linkage Non-oscillating Models

Item	Part No.	Description	Qty.
1	30731GT	PIN,PRIM.Boom,16.0 X 1.5 INCH	2
2	1256267GT	ROD END,.5 X 3.75,ZAG	2
3	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
4	6086GT	NUT,LP NYLOCK,1/2-13	6
5	45066GT	SCREW,SHC,5/8-11 X 2.25	2
6	13064GT	WASHER,FLAT,.625 HARDENED	2
7	34276GT	PIN,1.25DIA X 3.37LG,1HOLE	6
8	6175GT	SCREW,HHC,3/8-16 X 1	8
9	6021GT	WASHER, LOCK, .375	8
10	1255452GT	ROD END,.375 X 2.25,ZAG	6
11	88346GT	CYLINDER,S60/65 STEER***	2
11-	88347GT	SEAL KIT,STEER CYL,S60/65*** for cylinder 88346; check stamp on part prior to ordering	
11-	31078GT	SEAL KIT,HYDRAULIC CYLINDER*** for cylinder 34420; check stamp on part prior to ordering	2
12	30370GT	BEARING,1.25IDX1.5ODX1.00L	6
13	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360	4
14	14815GT	PIN,ROLL,SST,.25 X 2.25	4
15	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
16	33942GT	YOKE ASSEMBLY, LEFT SIDE 4WD includes 2 each index numbers 12 and 15	1
17	8220GT	SCREW,HHC,1/2-13 X 4	4
18	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
19	33943GT	STEER AXLE ASSY, NON OSC,S-60 includes 2 each index number 12	1
20	33941GT	YOKE ASSEMBLY, RIGHT SIDE 4WD includes 2 each index numbers 12 and 15	1
21		Ref. Hydraulic Hoses & Fittings refer to sections 307.1 and 308.1	1
22	34484-SGT	TIE ROD WELDMENT,S60***	1
23	27953GT	NUT,HEX,JAM,1.25-7	1
24	33899GT	WELDMENT, ROD END	1

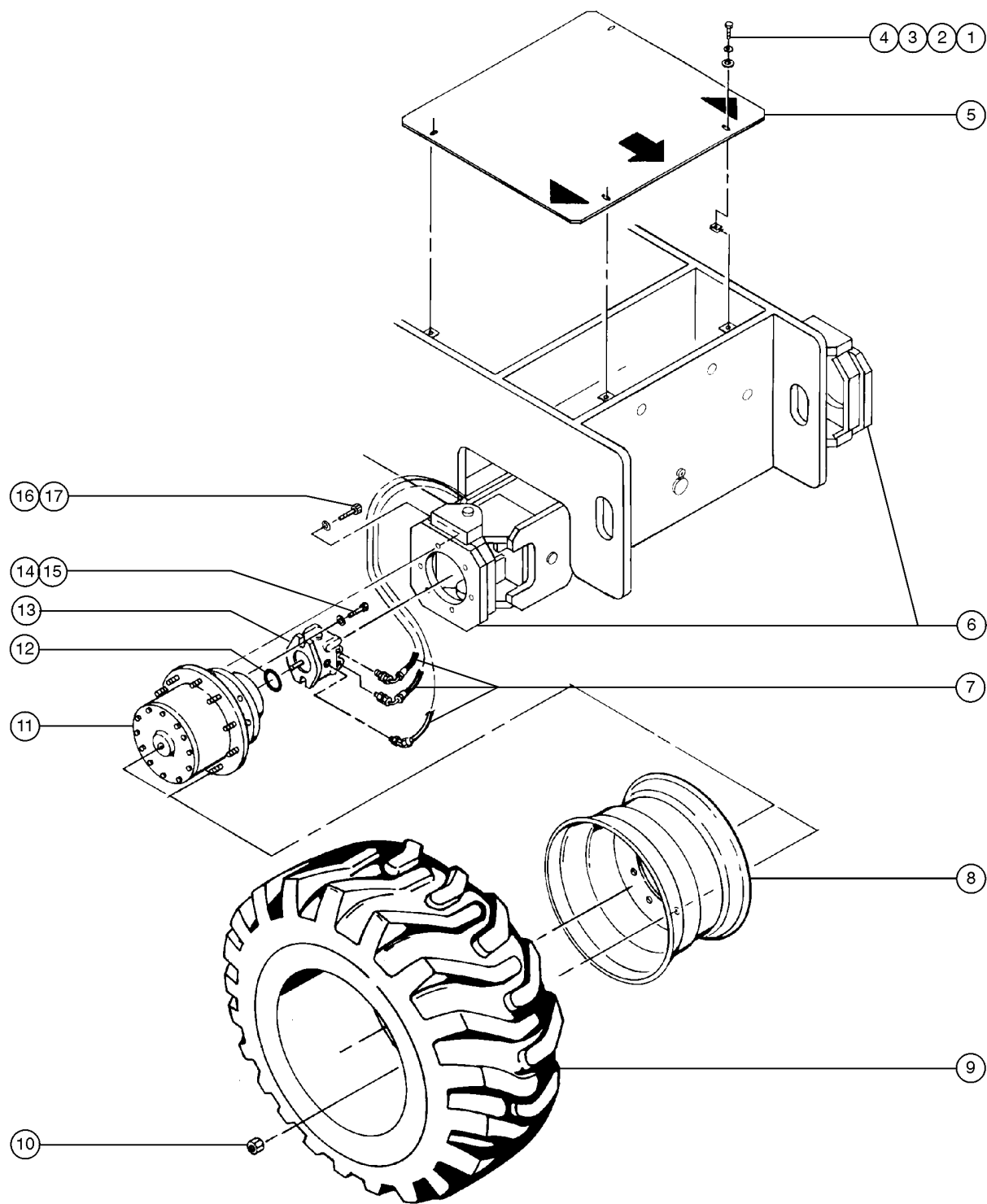
303.1 4WD Steer Axle Wheel Drive



303.1 4WD Steer Axle Wheel Drive

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	56912GT	SPRING CLIP, 1/4-20, .025-.15X.54, ZAG	4
5	33448GT	COVER W/DECALS, DR. CHAS. STR. END	1
		no longer available	
6		Ref. 4WD Steer Axle	1
		refer to sections 301.1 and 302.1	
7		Ref. Hydraulic Hoses & Fittings	1
		refer to sections 307.1 and 308.1	
8	73184GT	WHEEL, 19.5 X 11.75, 10 HOLE***	2
8-	73180GT	TIRE & WHEEL RH, AIR S60***	2
		shown	
8-	73182GT	TIRE & WHEEL ASSY. RIGHT, FF S60	2
8-	73181GT	TIRE & WHEEL LH, AIR S60	2
8-	73183GT	TIRE & WHEEL ASSY. LEFT, FF S60	2
9	73185GT	TIRE, 38/65D-19.5, 16PLY, OTR*	2
10	34127GT	NUT, LUG, 3/4-16 X 7/8 RADIUS	20
11	33434GT	WHEEL DRIVE, W3 73:1***	2
11-	33440GT	SEAL KIT, TORQUE HUB (34115)***	
11-	33441GT	STUD, WHEEL, 3/4-16, (34115)	
11-	33989PGT	COVER, TORQUE HUB, PAINTED GRAY	
11-	33990GT	O-RING, TORQUE HUB COVER	
11-	33991GT	ACTUATOR, FOR/DISCONNECT ROD	
11-	33992GT	DISCONNECT ROD, TORQUE HUB	
11-	58238GT	BEARING KIT, WHEEL DRIVE, S60***	
11-	58283GT	BOLT, COVER, WHEEL DRIVE, W3***	
11-	147558GT	KIT, BEARING, TAPERED, OUTER***	
11-	147559GT	KIT, BEARING, TAPERED, INNER***	
11-	58999GT	WASHER, THRUST, (33434)**	
		for models with 3343	
11-	65802GT	WASHER, THRUST W3 HUB (53483)	
		for models with 53483	
11-	65846GT	BEARING, THRUST WASHER***	

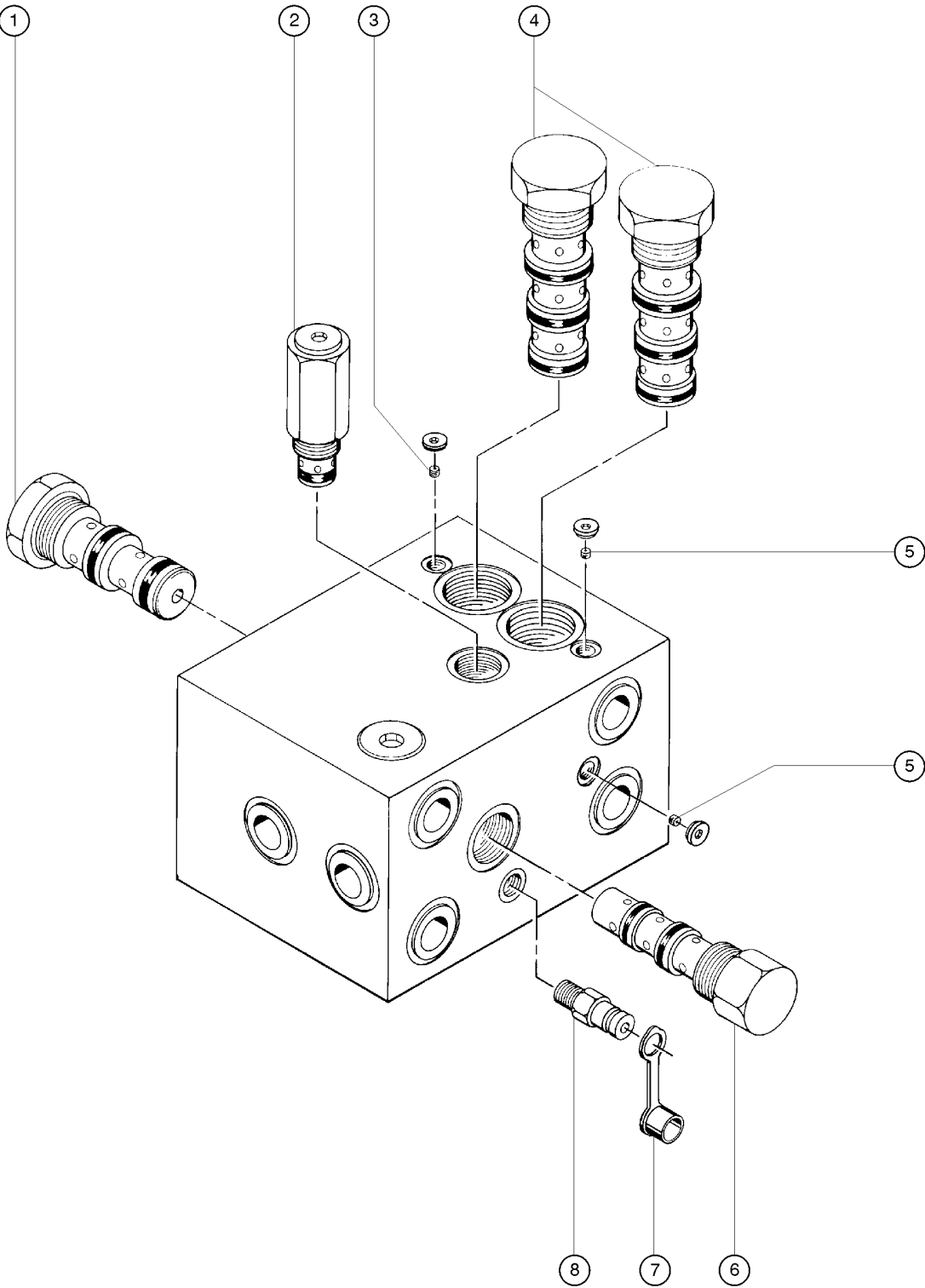
303.1 4WD Steer Axle Wheel Drive



303.1 4WD Steer Axle Wheel Drive

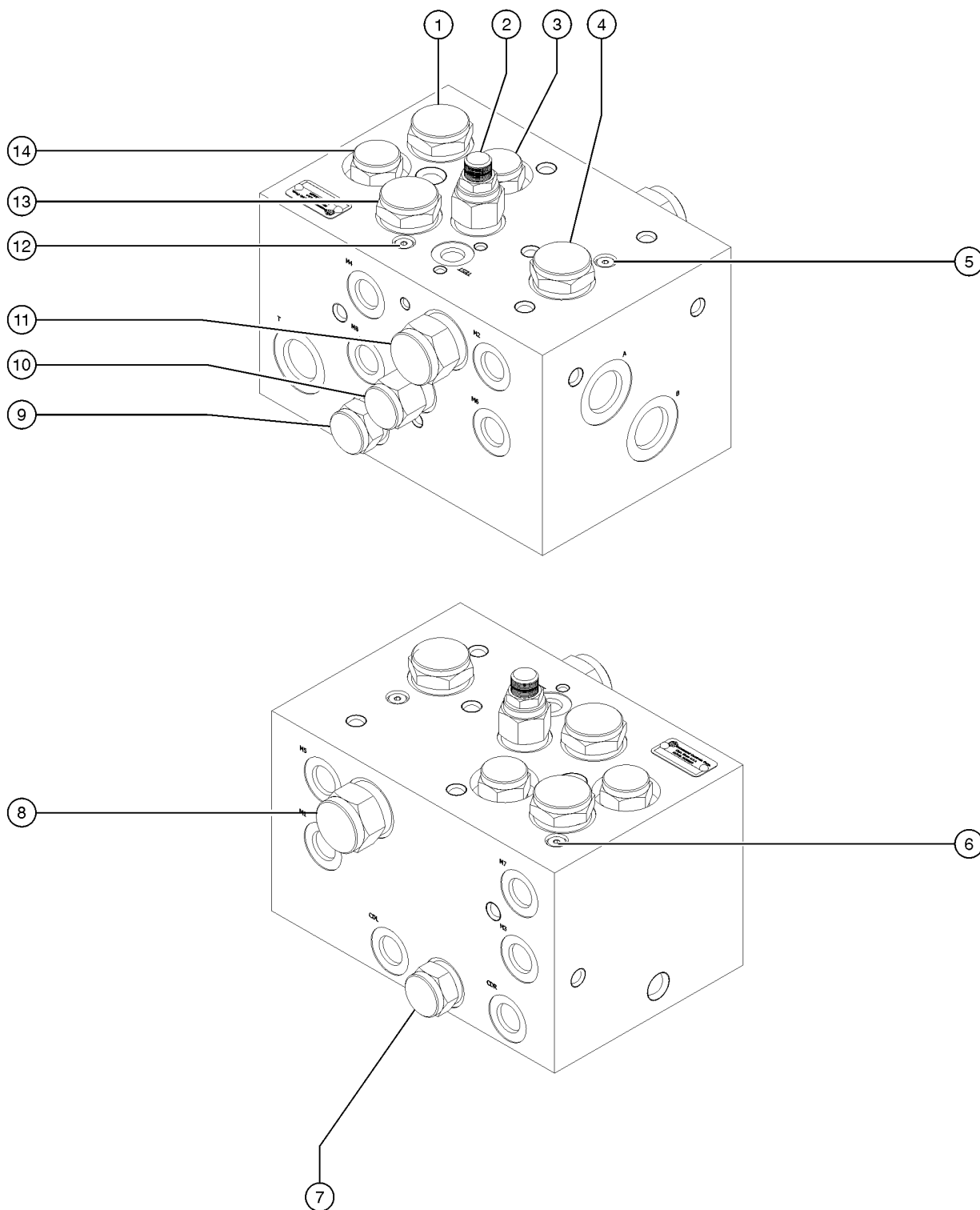
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
11-	65855GT	SNAP RING, W3/W6 TORQUE HUB*	
11-	72288GT	COUPLER, METAL(53483)	
11-	33441GT	STUD,WHEEL,3/4-16, (34115)	2
12	33433GT	O-RING,MOTOR TORQUE HUB 34115	2
		measures approx 4" x 0.0625"	
13	139962GT	MOTOR,WHEEL,25CC FIXED***	2
13-	32675GT	SEAL KIT,SUNSTRAND	2
14	33987GT	SCREW,HHC,1/2-13 X 1, GR 5	4
15	13066GT	WASHER,FLAT,.5 HARDENED	4
16	45066GT	SCREW,SHC,5/8-11 X 2.25	16
17	13064GT	WASHER,FLAT,.625 HARDENED	16

304.1 4WD Drive Manifold



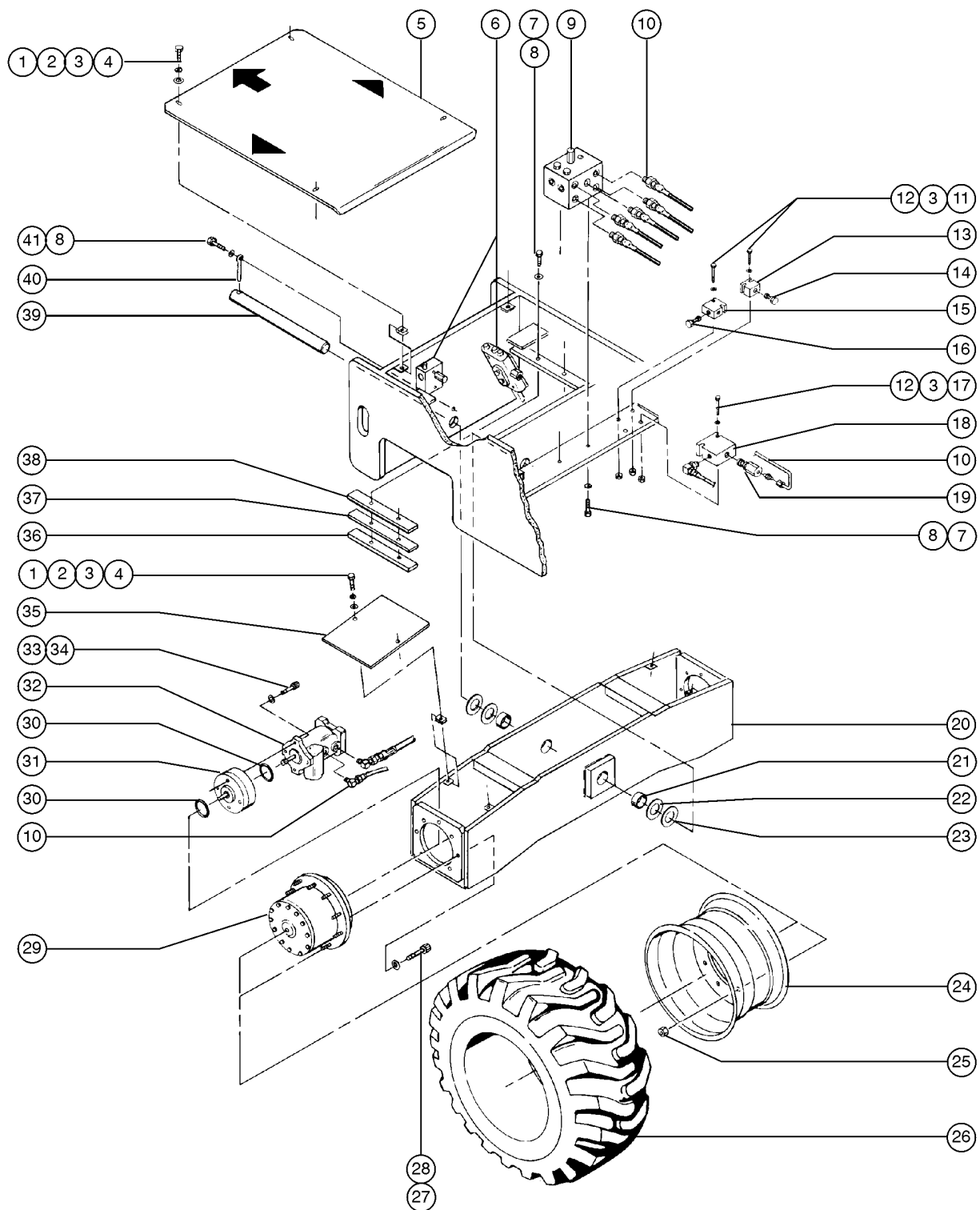
Item	Part No.	Description	Qty.
		Ref. MANIFOLD, TRACTION, 4WD*** 4WD traction manifold part 88784 is no longer available; for its complete replacement customer must order part 139712. (refer to 403.2)	
	25375GT	KIT, O-RING	
	33994GT	PLUG AND CAP KIT-SERVICE, 37? **	
1	33521GT	VALVE, FLOW DIVIDER/COMBINER	1
1-	84135GT	SEAL KIT, VALVE	
2	31406GT	VALVE, RELIEF 250 PSI***	1
2-	110194GT	SEAL KIT, VALVE, #10	
3	29737GT	PLUG, ORIFICE, 0.052 INCH	1
4	52726GT	VALVE, FLOW DIVIDER/COMBINER	2
4-	84135GT	SEAL KIT, VALVE	
5	33520GT	PLUG, ORIFICE, 0.070	2
6	27761GT	VALVE, SHUTTLE	1
6-	84134GT	SEAL KIT, VALVE	
7	48880GT	CAP, DIAGNOSTIC NIPPLE	1
8	48997GT	NIPPLE, DIAGNOSTIC, #4	1
8-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1

304.2 4WD Drive Manifold



Item	Part No.	Description	Qty.
	139712GT	MANIFOLD,TRACTION,4WD*** 4WD traction manifold part 88784 is no longer available; for its complete replacement customer must order part 139712	
1	139717GT	VALVE, FLOW DIVIDE/COMB,24GPM (controls flow to non-steer end drive motors in forward and reverse)	1
1-	139512GT	SEAL KIT, VALVE	
2	139718GT	VALVE, RELIEF, 280PSI (charge pressure circuit)	1
2-	139528GT	SEAL KIT, VALVE	
3	139527GT	VALVE, CHECK, 5PSI (steer end drive motor circuit)	1
4	139508GT	VALVE, FLOW DIVIDE/COMBINE 1:1 (controls flow to flow divider/combiner valves 1 and 13)	1
5	139719GT	ORIFICE, 0.040" (equalizes pressure on both sides of flow divider/combiner valve)	1
5-	1287434GT	PLUG,SAE #03 (139712)	
6	139719GT	ORIFICE, 0.040" (equalizes pressure on both sides of flow divider/combiner valve)	1
6-	1287434GT	PLUG,SAE #03 (139712)	
7	139527GT	VALVE, CHECK, 5PSI (non-steer end drive motor circuit)	1
8	139716GT	VALVE, CHECK (non-steer end drive motor circuit)	1
8-	139727GT	SEAL KIT, VALVE	
9	139527GT	VALVE, CHECK, 5PSI (steer end drive motor circuit)	1
10	139715GT	VALVE, SHUTTLE, FIXED (steer end drive motor circuit)	1
10-	139512GT	SEAL KIT, VALVE	
11	139716GT	VALVE, CHECK (charge pressure circuit that directs hot oil out of low pressure side of drive pump)	1
12	139719GT	ORIFICE, 0.040" (equalizes pressure on both sides of flow divider/combiner valve)	1
12-	1287434GT	PLUG,SAE #03 (139712)	
13	139717GT	VALVE, FLOW DIVIDE/COMB,24GPM (controls flow to steer end drive motors in forward and reverse)	1
13-	139512GT	SEAL KIT, VALVE	
14	139527GT	VALVE, CHECK, 5PSI (non-steer end drive motor circuit)	1

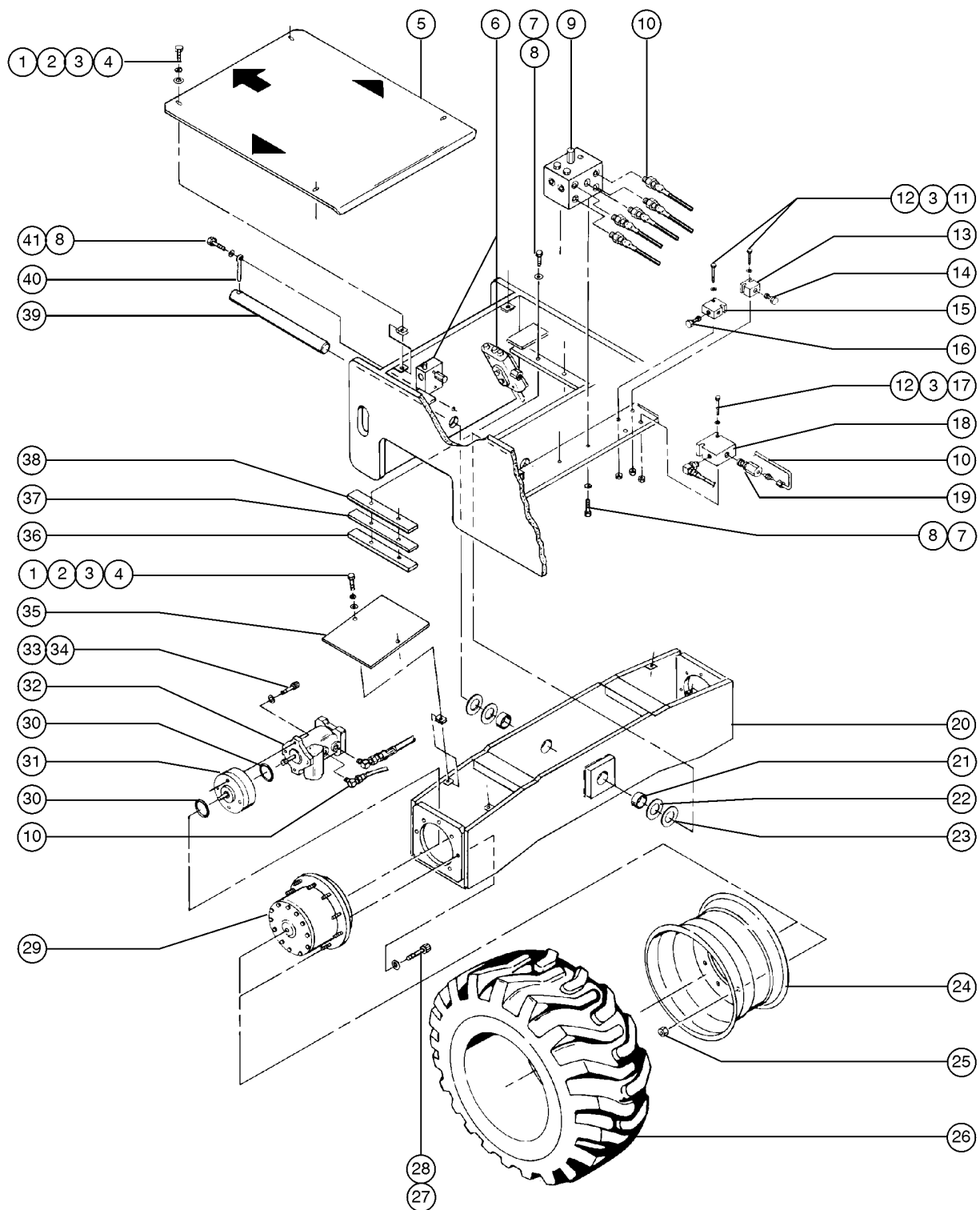
305.1 4WD Non-steer Axle



305.1 4WD Non-steer Axle

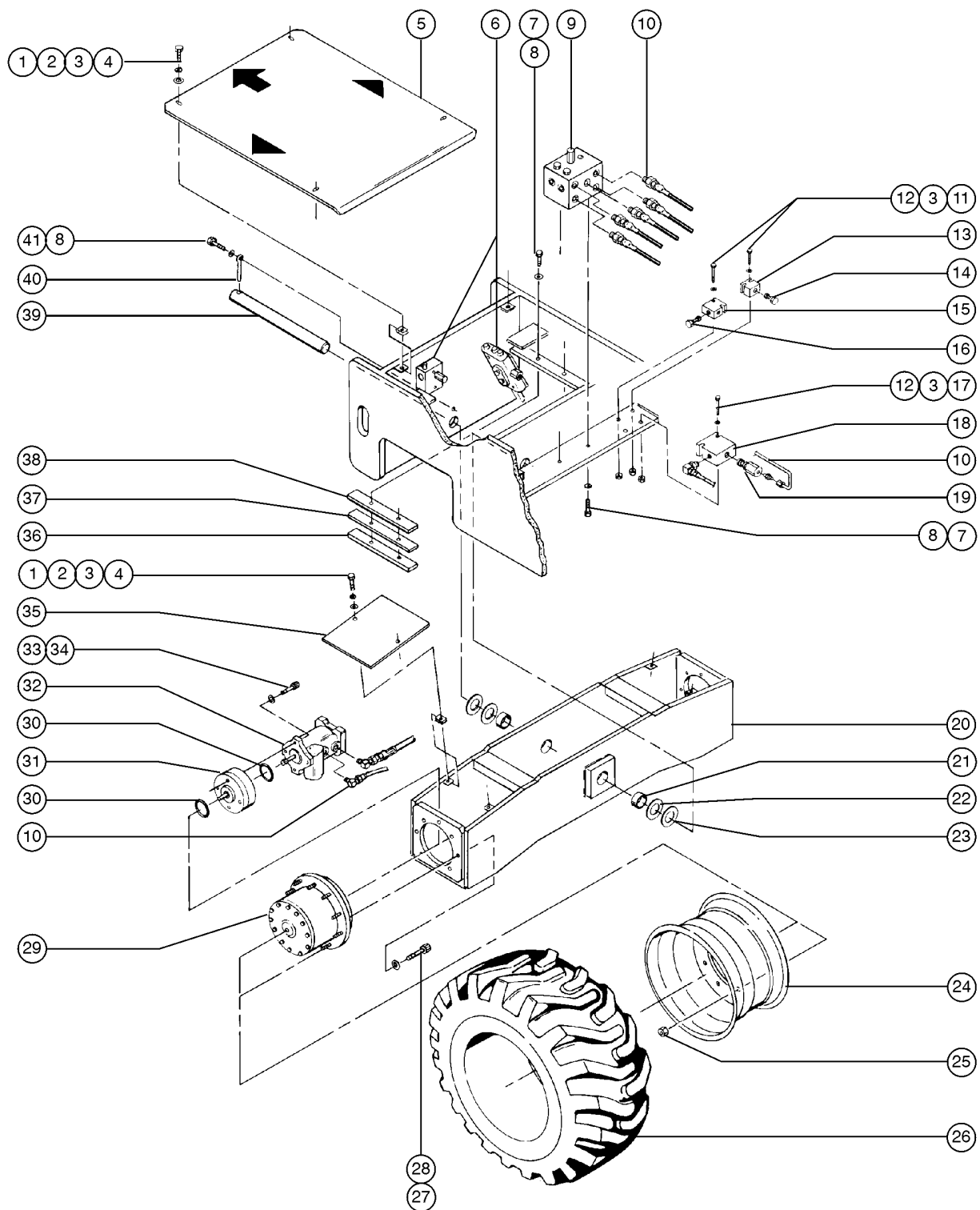
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	8
2	6356GT	WASHER, LOCK, .25	8
3	6638GT	WASHER, FLAT, USS, 1/4"Y	14
4	56912GT	SPRING CLIP, 1/4-20, .025-.15X.54, ZAG	6
5	33944GT	COVR W/DECLS, DR CHAS, NS END	1
6		Ref. Oscillation Manifolds refer to section 306.1	1
7	8177GT	SCREW, HHC, 1/2-13 X 1.5	7
8	6033GT	WASHER, LOCK, 0.5"	8
9		Ref. 4WD Drive Manifold refer to section 304.1	8
10		Ref. Hydraulic Hoses & Fittings refer to sections 307.1 and 308.1	8
11	8179GT	SCREW, HHC, 1/4-20 X 2.25	4
12	6091GT	NUT, NYLOCK, 1/4-20	6
13	34544GT	VALVE, CHECK includes index number 14	1
14	27759GT	VALVE, CHECK	1
15	34623GT	VALVE, PILOT TO CLOSED CHECK includes index number 16	1
16	33562GT	VALVE, CHECK, PILOT OPERATED	1
17	12343GT	SCREW, HHC, 1/4-20 X 3	2
18	34547GT	VALVE, DIRECTIONAL, 2POS.2WAY includes index number 19	1
19	33563GT	VALVE, DIRECTIONAL, 2 POS 2 WAY	1
20	33945GT	NON-STEER AXLE ASSEMBLY S60%% includes index number 21	1
21	34639GT	BEARING, 2.5"ID X 2.75 X 2.25"L	2
22	29746GT	WASHER, FLAT, 2.5 X 4 X .062	as ne ed
23	25436GT	WASHER, THRUST, 2.56 X 4.0 X .18	as ne ed
24	73184GT	WHEEL, 19.5 X 11.75, 10 HOLE***	2
24-	73180GT	TIRE & WHEEL RH, AIR S60*** shown	2
24-	73182GT	TIRE & WHEEL ASSY. RIGHT, FF S60	
24-	73181GT	TIRE & WHEEL LH, AIR S60	2

305.1 4WD Non-steer Axle



Item	Part No.	Description	Qty.
24-	73183GT	TIRE & WHEEL ASSY.LEFT,FF S60	2
25	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	20
26	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2
27	45066GT	SCREW,SHC,5/8-11 X 2.25	16
28	13064GT	WASHER,FLAT,.625 HARDENED	16
29	33434GT	WHEEL DRIVE,W3 73:1***	2
29-	33434GT	WHEEL DRIVE,W3 73:1***	2
29-	33440GT	SEAL KIT,TORQUE HUB (34115)***	
29-	33441GT	STUD,WHEEL,3/4-16, (34115)	
29-	33989PGT	COVER, TORQUE HUB,PAINTED GRAY	
29-	33990GT	O-RING, TORQUE HUB COVER	
29-	33991GT	ACTUATOR,FOR/DISCONNECT ROD	
29-	33992GT	DISCONNECT ROD, TORQUE HUB	
29-	58238GT	BEARING KIT,WHEEL DRIVE,S60***	
29-	58283GT	BOLT,COVER,WHEEL DRIVE,W3***	
29-	147558GT	KIT,BEARING,TAPERED,OUTER***	
29-	147559GT	KIT,BEARING,TAPERED,INNER***	
29-	58999GT	WASHER,THRUST,(33434)**	
29-	65802GT	WASHER,THRUST W3 HUB (53483)	
29-	65846GT	BEARING,THRUST WASHER***	
29-	65855GT	SNAP RING, W3/W6 TORQUE HUB*	
29-	72288GT	COUPLER, METAL(53483)	
30	22811GT	O-RING,MOTOR TO BRAKE*** measures approx 4" x 0.10"	4
31	73919GT	BRAKE,1200 INLB*** includes 2 each index number 30	2
31-	75659GT	SEAL KIT, AUSCO (73918)	
31-	75658GT	LINING KIT,AUSCO (73918)***	
31-	65608GT	BEARING KIT, AUSCO***	
31-	29291GT	SEAL KIT,MICO for Mico Brake 29422 and 41913	2

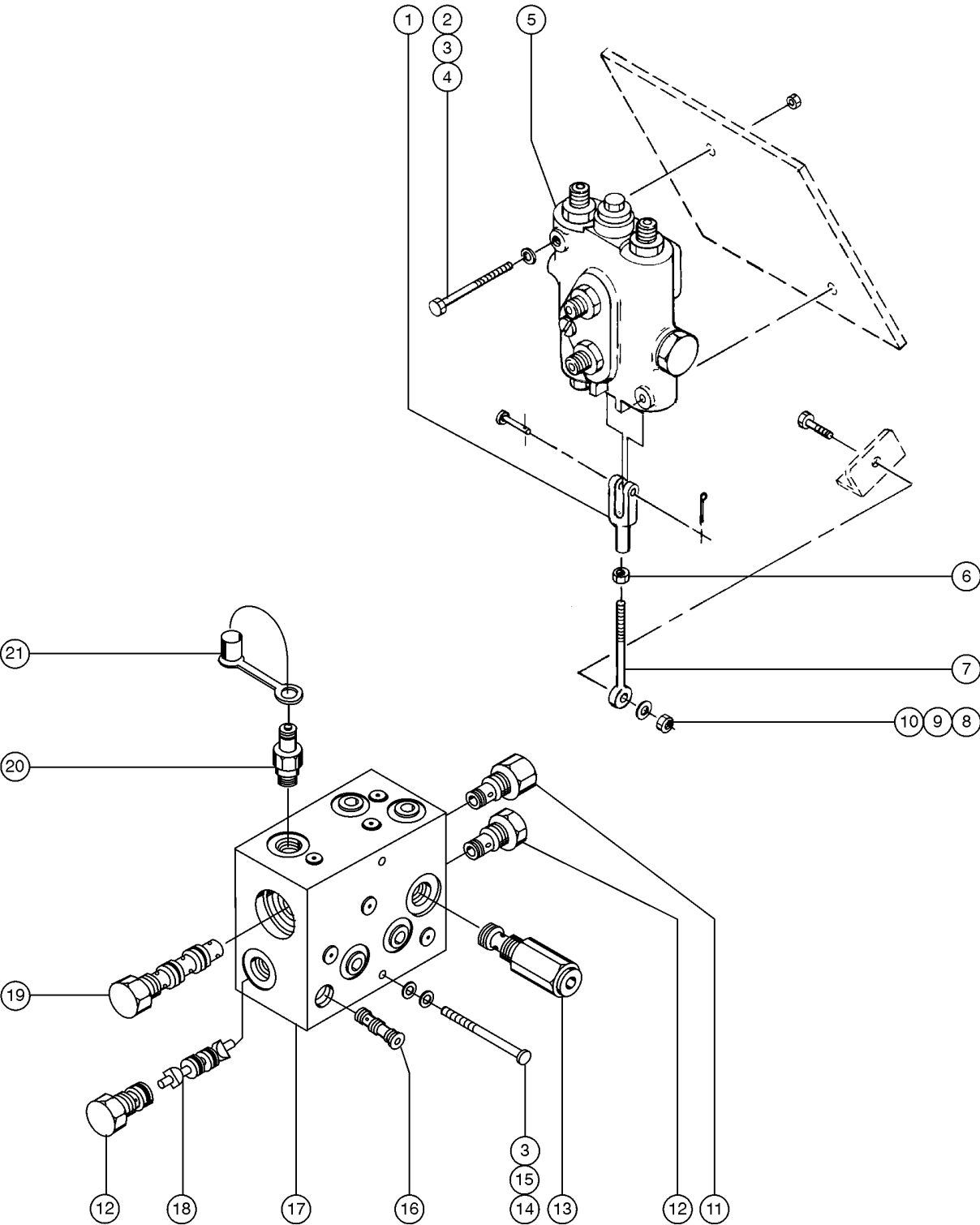
305.1 4WD Non-steer Axle



305.1 4WD Non-steer Axle

Item	Part No.	Description	Qty.
31-	29292GT	BRAKE,LINING KIT,MICO for Mico Brake 29422	2
31-	29293GT	BEARING KIT,MICO for Mico Brake 29422 and 41913	2
32	24667GT	DRVE MOTOR REAR,4WD/1DEGREE includes 1 each index number 30	2
32-	65865GT	SEAL KIT, SUNSTRAND	2
32-	83081GT	COVER, SERVO (24667)	
32-	49897GT	GASKET,TURTLE,DRV MTR,EDC	
33	7261GT	SCREW,HHC,1/2-13 X 5 BLACK for Mico Brakes	4
33-	56680GT	SCREW,SHC,1/2-13 X 4.50 ZINC for Ausco Brake	
34	13066GT	WASHER,FLAT,,5 HARDENED	4
35	34409P-SGT	COVER,REAR AXLE BLUE	2
36	34217P-SGT	BAR,AXLE ROTATION STOP,PAINTED oscillating models	2
36-	34218P-SGT	BAR,AXLE ROTATION STOP,OSC. non-oscillating models	2
37	34215GT	SHIM,AXLE ROTATION STOP,12GA	as ne ed ed
38	34216GT	SHIM,AXLE ROTATION STOP,22GA	as ne ed ed
39	34273GT	PIN,2.50DIA X 21.12LG,1HOLE	1
40	1256267GT	ROD END,.5 X 3.75,ZAG	3
41	6096GT	SCREW,HHC,1/2-13 X 2 GR5	1

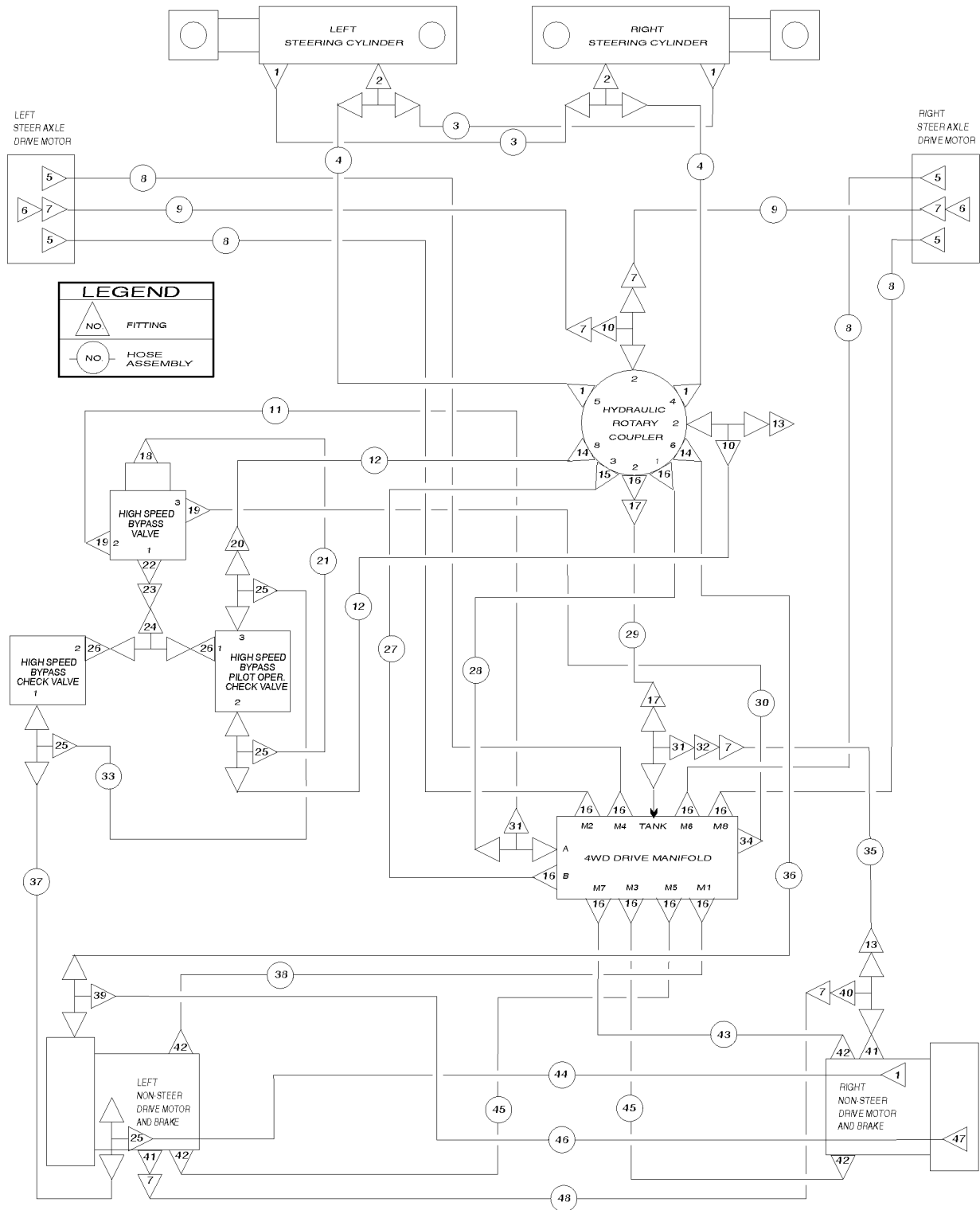
306.1 4WD Oscillation Manifolds



306.1 4WD Oscillation Manifolds

Item	Part No.	Description	Qty.
	33994GT	PLUG AND CAP KIT-SERVICE,37? **	
1	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis and cotter pins	1
2	6884GT	SCREW,HHC,1/4-20 X 2.5	2
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	6091GT	NUT,NYLOCK,1/4-20	4
5	30558GT	VLV,MAN,3 POS/4 WAY,OPEN CTR	1
5-	32681GT	SEAL KIT,CONTROL VALVE	1
6	21496GT	NUT,HEX,1/4-28	1
7	34858GT	ROD END,1/4-28 OSC.LINKAGE	1
8	5365GT	NUT,NYLOCK,10-24	1
9	6146GT	WASHER,FLAT,MS,#10,Y	1
10	6584GT	SCREW,SHS,10-24 X .625	1
11	27532GT	VALVE,DIFFERENTIAL SENSING	1
12	32725GT	VALVE,CHECK (30797)	2
13	37050GT	VALVE,UNLOADER,P.O.	1
14	12343GT	SCREW,HHC,1/4-20 X 3	2
15	6356GT	WASHER,LOCK,.25	2
16	45483GT	VALVE,SHUTTLE***	1
17	30797GT	MANIFOLD,OSCILLATION includes index numbers 11 through 13 and 16 through 19	1
17-	25375GT	KIT, O-RING	1
18	32724GT	PISTON (30797)	1
19	32723GT	VALVE,SHUTTLE (30797)	1
20	48997GT	NIPPLE,DIAGNOSTIC,#4	1
20-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
21	48880GT	CAP,DIAGNOSTIC NIPPLE	1

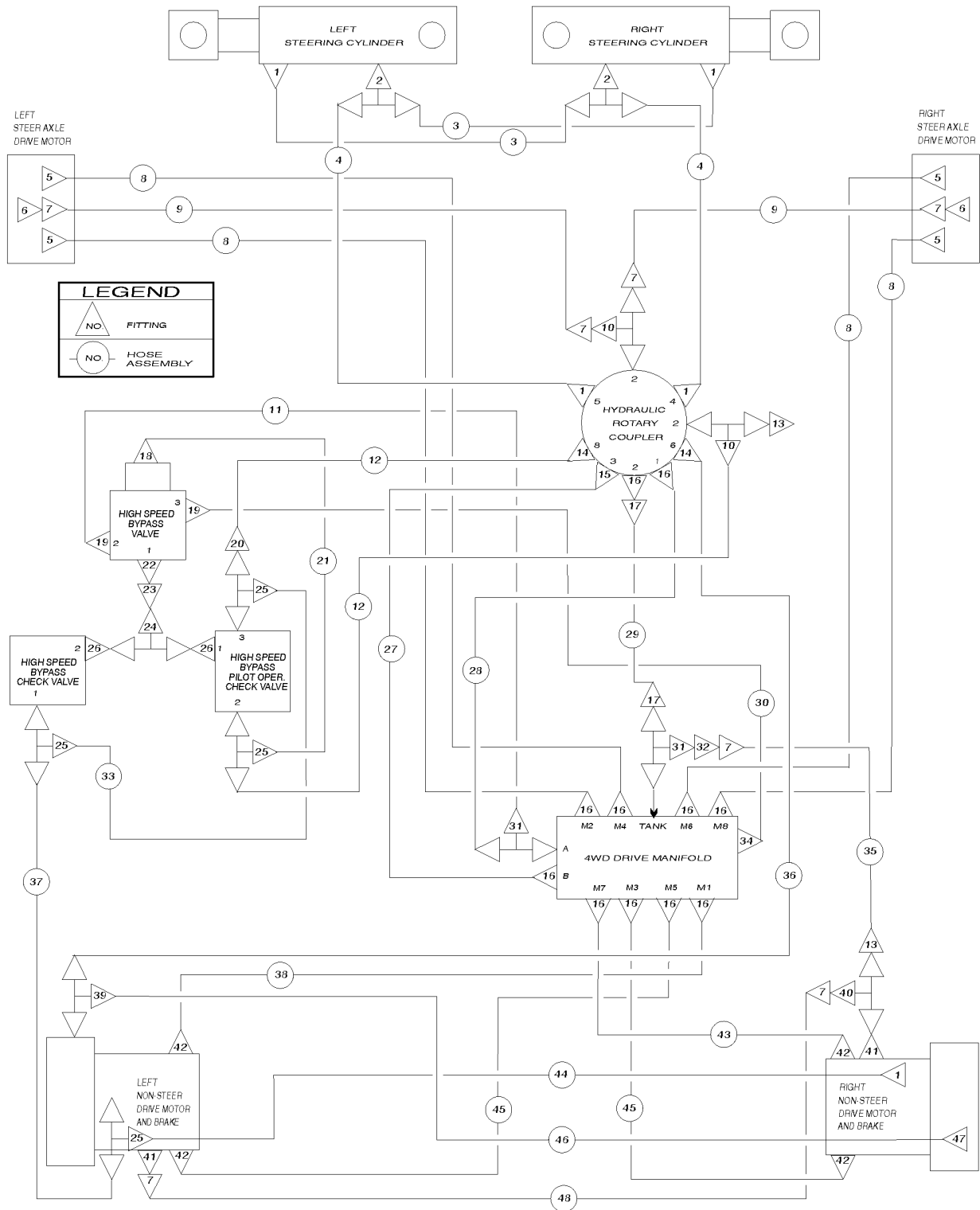
307.1 4WD Hydraulic Hoses and Fittings - Drive and Steer Systems



307.1 4WD Hydraulic Hoses and Fittings - Drive and Steer Systems

Item	Part No.	Description	Qty.
	33994GT	PLUG AND CAP KIT-SERVICE,37?*	
1	13120GT	ELBOW,070220-6-6	5
2	45705GT	TEE,BRANCH,070429-6-6	2
3		HOSE ASSEMBLY, 25" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06). (no longer available, contact customer service)	2
4		HOSE ASSEMBLY, 65" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06). (no longer available, contact customer service)	2
5	28454GT	CONNECTOR,070120-12-10	4
6	45349GT	ELBOW,070320-8-8	2
7	20324GT	HOSE END,BARBED,SWIVEL,-8-8	7
8	34822GT	HOSE ASSEMBLY, 126" Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - 90o Female JIC Swivel, Long, 12-12 (Weatherhead 45012E-652) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	4
9	34824GT	HOSE ASSEMBLY, 94" Hose - 1/2" Push On (Weatherhead H20108)	2
10	20334GT	TEE,RUN,070428-8	2
11	34920GT	Hose Assembly - Components: @ 29.2 inches (74.3 cm) Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - 90o Female JIC Swivel, 12-12 (Weatherhead 43012E-672) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	1
12	34823GT	Hose Assembly - Components: @ 43.4 inches (110.3 cm) Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646), Hose End - Female JIC Swivel, 8-6 (Synflex 3903-06548) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	2
13	28597GT	HOSE END,BARBED,SWIVEL,90DEG-8	2
14	12340GT	ELBOW,070220-4-6	2
15	22099GT	ELBOW,070320-12-12	1
16	19687GT	CONNECTOR,070120-12-12	11
17	45170GT	HOSE END,BARBED,SWIVEL,-12-12	2
18	12342GT	CONNECTOR,070120-6-4	1
19	20925GT	ELBOW,070220-12-12	2
20	45878GT	ELBOW,070321-6-6	1
21	34633GT	FLARE TUBE ASSY,BYPASS #1	1
22	27431GT	CONNECTOR,070120-8-12	1
23	45361GT	REDUCER,070123-8-6	1
24	45704GT	TEE,BRANCH,070433-6-6	1

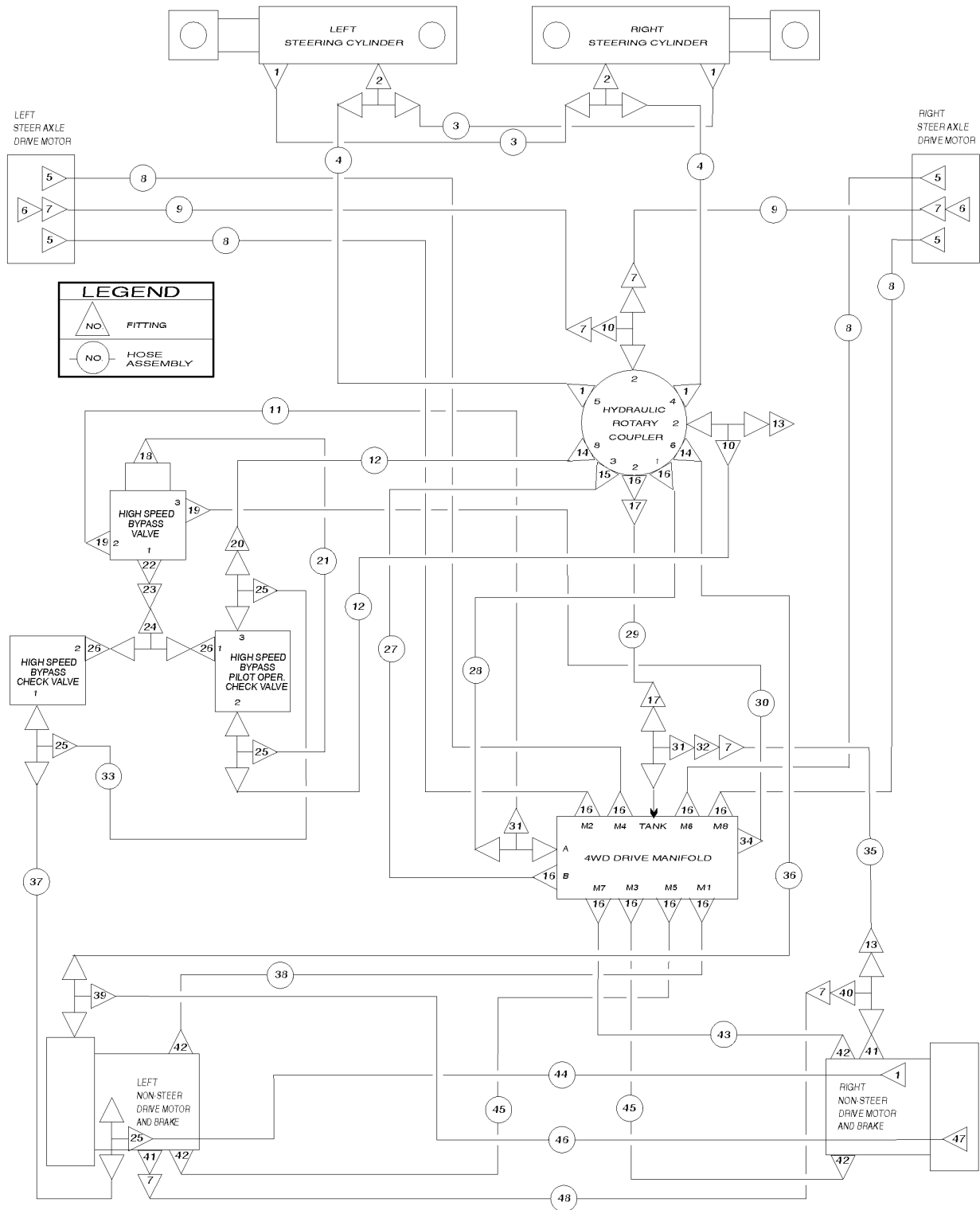
307.1 4WD Hydraulic Hoses and Fittings - Drive and Steer Systems



307.1 4WD Hydraulic Hoses and Fittings - Drive and Steer Systems

Item	Part No.	Description	Qty.
25	13119GT	TEE,RUN,070428-6-6	4
26	30392GT	ADAPTER,6402-6-6	2
27	34594GT	HOSE ASSEMBLY, 33.5" Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - 90o Female JIC Swivel, Long, 12-12 (Weatherhead 45012E-652) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	1
28	34595GT	HOSE ASSEMBLY, 29.75" Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - 90o Female JIC Swivel, 12-12 (Weatherhead 43012E-672) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	1
29	34837GT	3/4" PUSH ON HOSE, 22" LONG Hose - 3/4" Push On (Weatherhead H20112)	1
30	34921GT	Hose Assembly - Components: @ 35.3 inches (89.5 cm) Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - 90o Female JIC Swivel, 12-12 (Weatherhead 43012E-672) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	1
31	28456GT	TEE,RUN,070428-12-12	2
32	20325GT	REDUCER,070123-12-8	1
33	32632GT	KIT,PAINTED PARTS,DEUTZGRY,Z60	1
34	28598GT	CONNECTOR,070120-12-8	1
35	34836GT	HOSE ASSEMBLY, 45" Hose - 1/2" Push On (Weatherhead H20108)	1
36	34835GT	HOSE ASSEMBLY, 94" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90o Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
37		HOSE ASSEMBLY, 60" Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544), Hose End - 90o Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04). (no longer available, contact customer service)	1
38	34827GT	HOSE ASSEMBLY, 49.5" Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	1
39	23802GT	TEE,RUN,070428-4-4	1
40	21252GT	TEE,RUN,070432-8	1
41	25951GT	ELBOW,070220-8-12	2
42	20332GT	ELBOW,070220-12-16	4
43	34826GT	HOSE ASSEMBLY, 35" Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	1
44	34832GT	HOSE ASSEMBLY, 60" Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
45	34825GT	HOSE ASSEMBLY, 40.5" Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	2
46	34834GT	HOSE ASSEMBLY, 68" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1

307.1 4WD Hydraulic Hoses and Fittings - Drive and Steer Systems

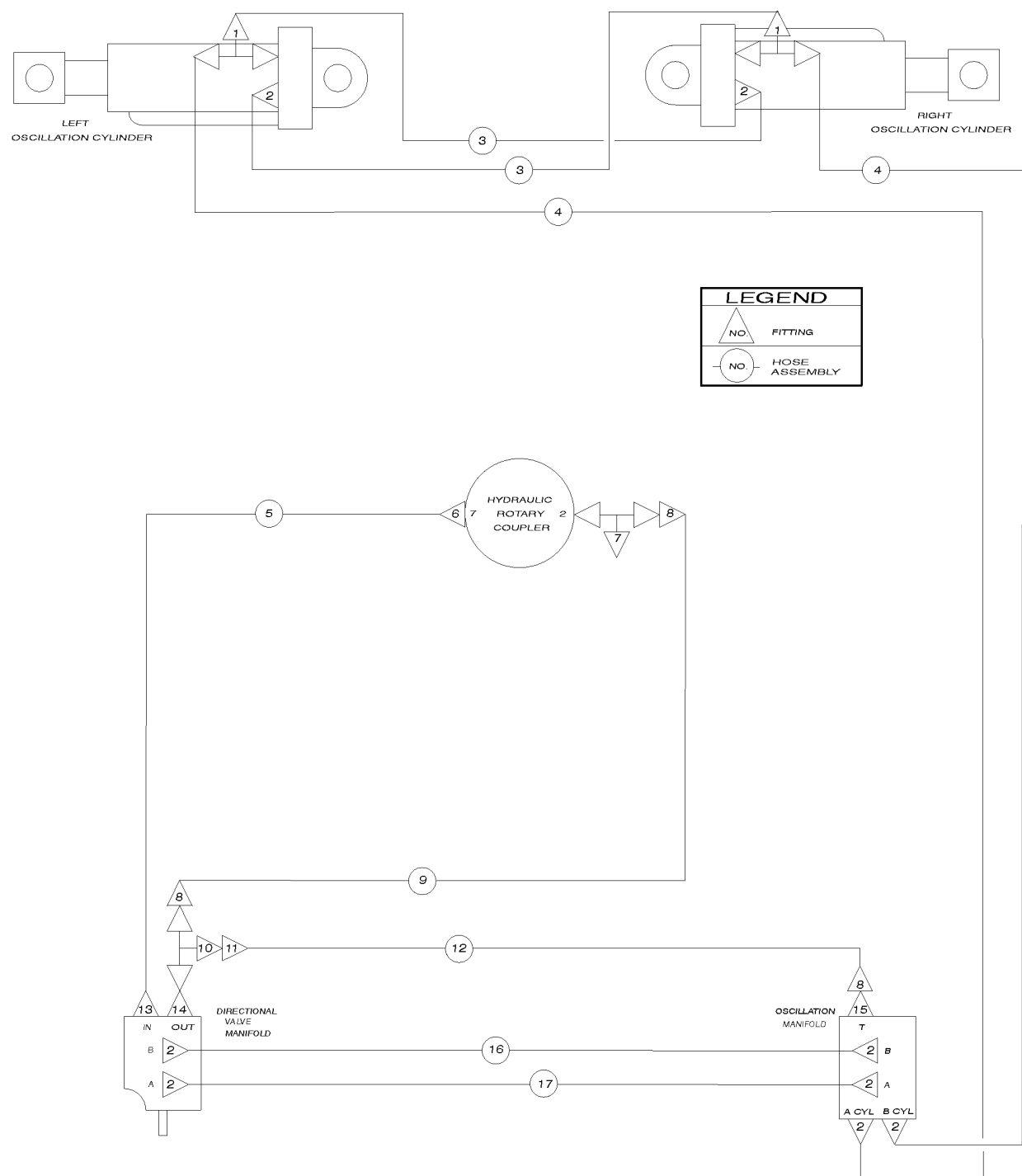


307.1 4WD Hydraulic Hoses and Fittings - Drive and Steer Systems

Item	Part No.	Description	Qty.
47	13921GT	ELBOW,070220-4-4	1
48	34831GT	HOSE ASSEMBLY, 56" Hose - 1/2" Push On (Weatherhead H20108)	1



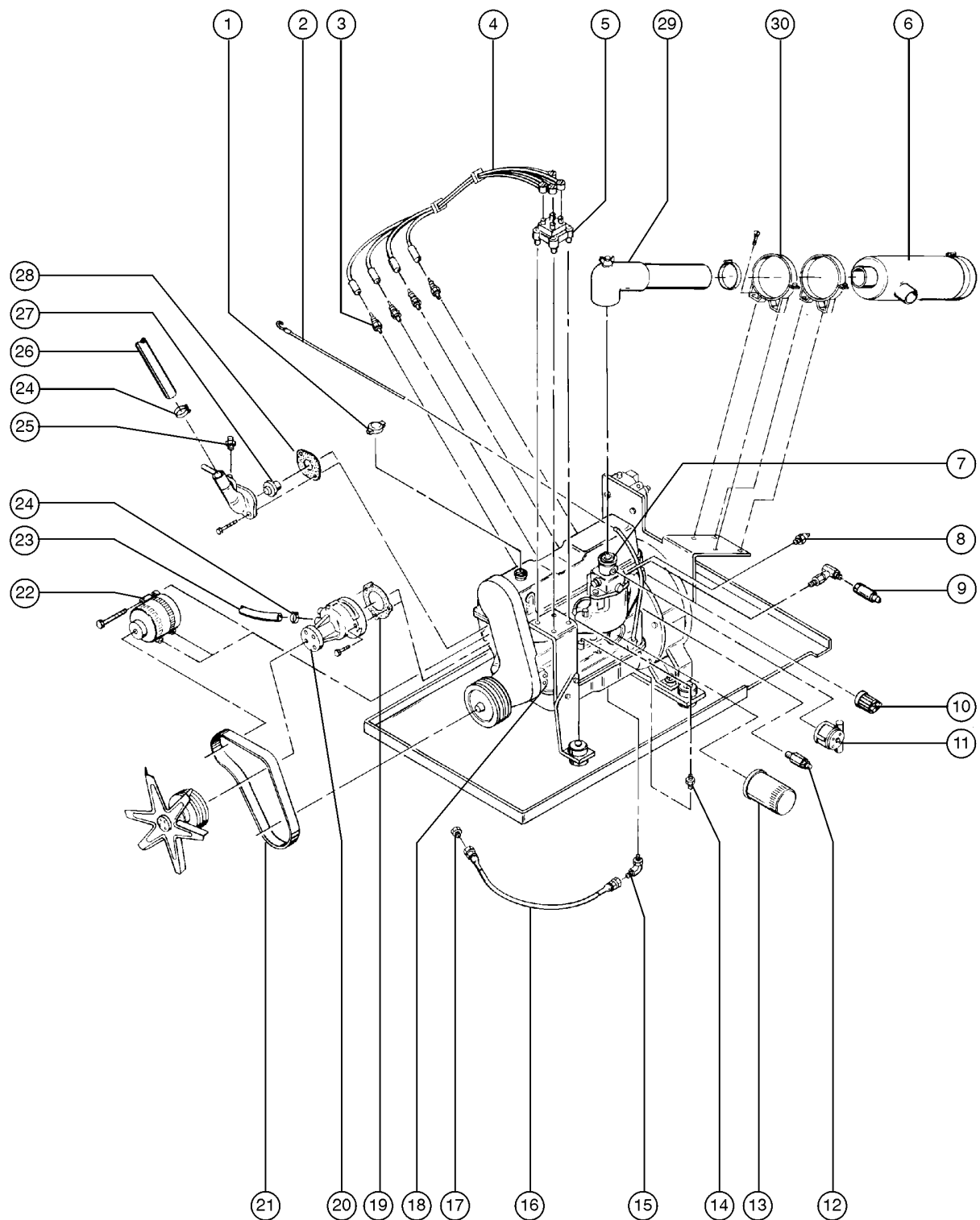
308.1 4WD Hydraulic Hoses and Fittings - Oscillation System



308.1 4WD Hydraulic Hoses and Fittings - Oscillation System

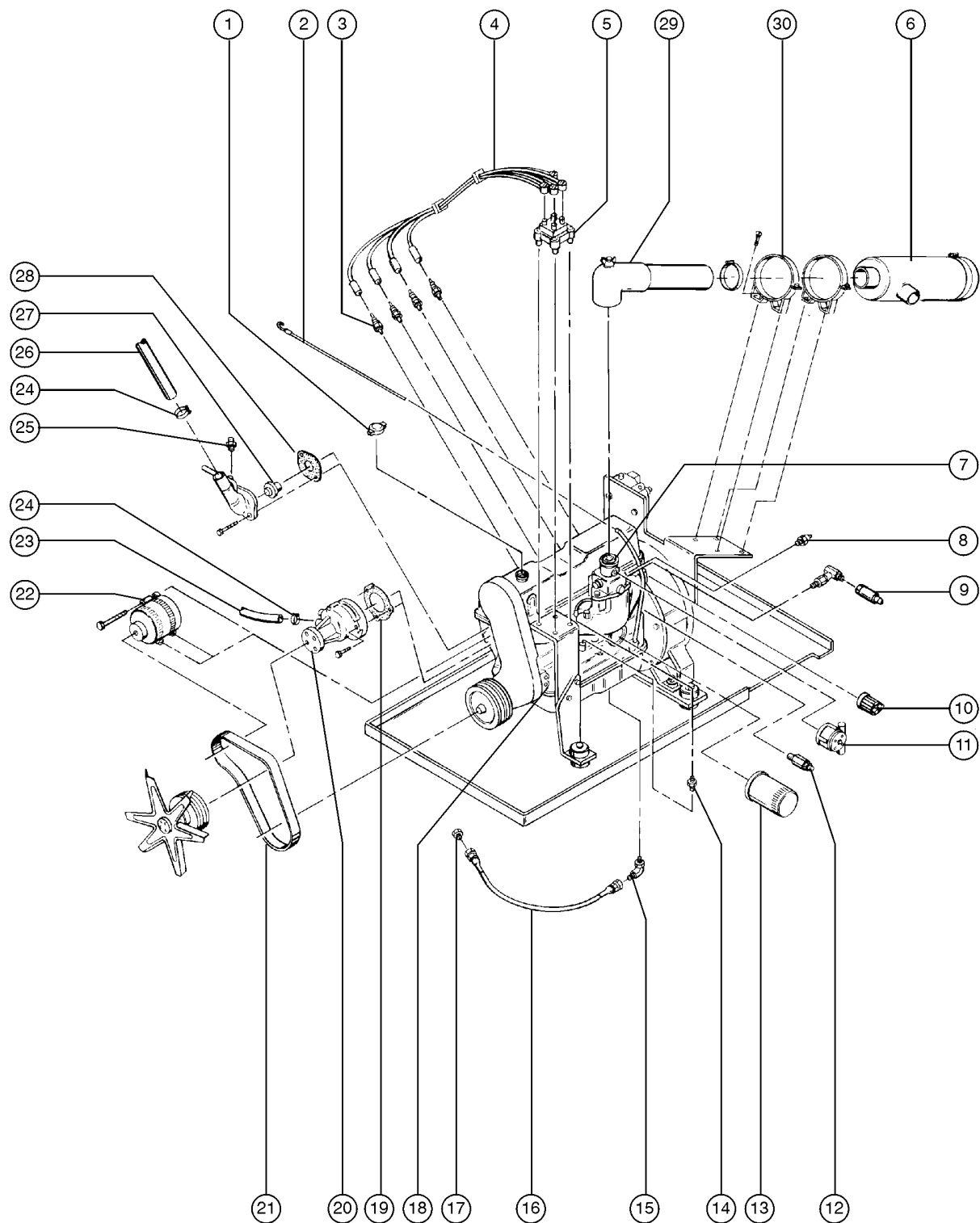
Item	Part No.	Description	Qty.
	33994GT	PLUG AND CAP KIT-SERVICE,37?*	
1	13119GT	TEE,RUN,070428-6-6	2
2	45412GT	CONNECTOR,070120-6-6	8
3	34817GT	Hose Assembly - Components: @ 15.3 inches (39 cm) Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90° Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	2
4	34818GT	Hose Assembly - Components: @ 135 inches (344 cm) Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90° Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	2
5	34819GT	Hose Assembly - Components: @ 69.3 inches (176 cm) Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90° Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1
6	13120GT	ELBOW,070220-6-6	1
7	20334GT	TEE,RUN,070428-8	1
8	28597GT	HOSE END,BARBED,SWIVEL,90DEG-8	3
9	34820GT	Hose - Component: @ 67 inches (170 cm) Hose - 1/2" Push On (Weatherhead H20108)	1
10	21252GT	TEE,RUN,070432-8	1
11	20324GT	HOSE END,BARBED,SWIVEL,-8-8	1
12	34814GT	Hose - Component: @ 13.5 inches (34.3 cm) Hose - 1/2" Push On (Weatherhead H20108)	1
13	18687GT	CONNECTOR,070120-6-8	1
14	45703GT	CONNECTOR,070120-8-8	1
15	20923GT	CONNECTOR,070120-8-6	1
16	34815GT	Hose Assembly - Components: @ 19.3 inches (49 cm) Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90° Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1
17	34816GT	Hose Assembly - Components: @ 14.3 inches (36.4 cm) Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90° Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1

401.1 Ford LRG-423 Engine - View 1



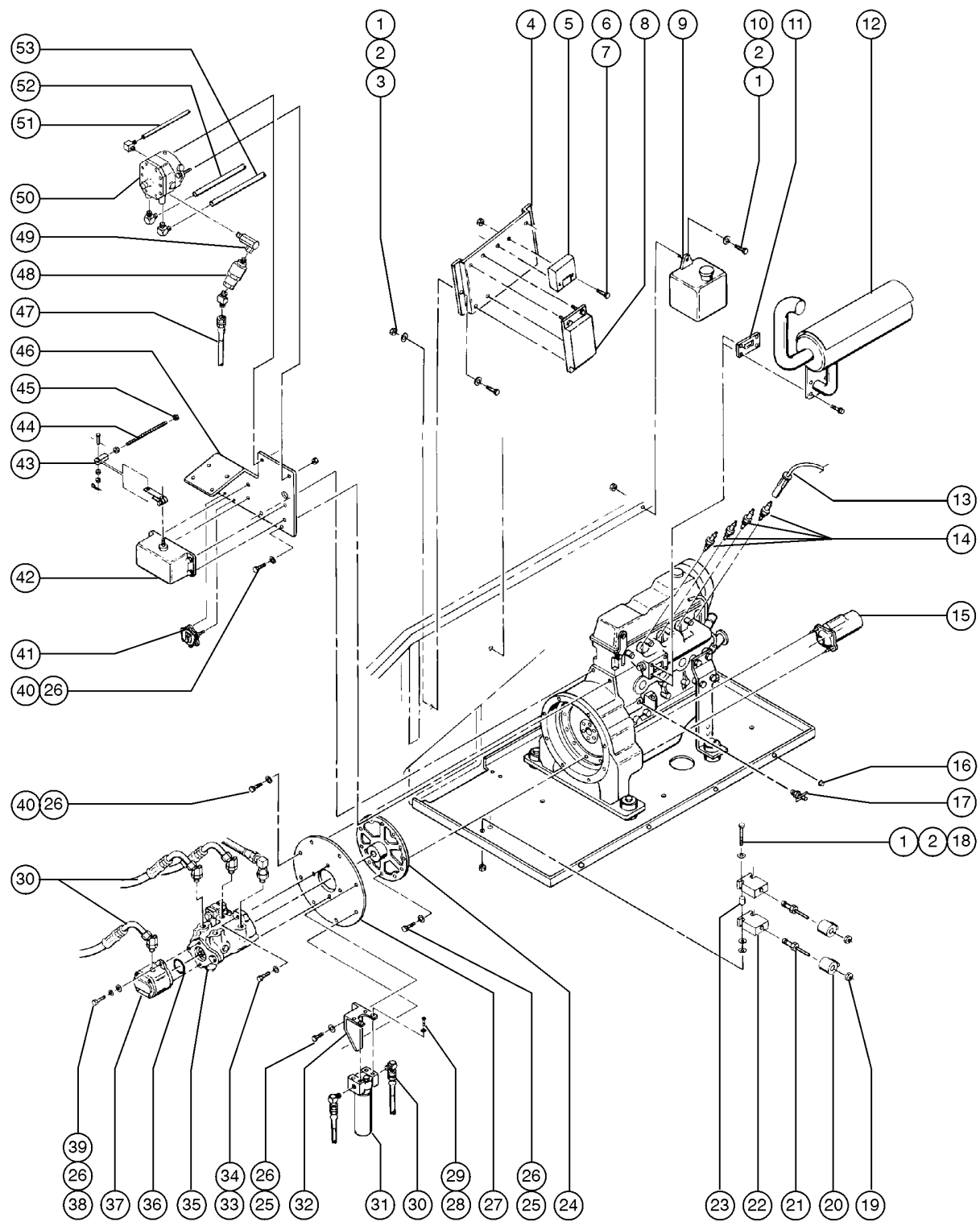
Item	Part No.	Description	Qty.
	58480GT	ENGINE BLOCK,FORD,GAS,LRG 423*	
1	49881GT	OIL FILLER CAP FOR LRG ENGINE	1
2		DIPSTICK, FORD LRG 423 (33955)	1
		(component no longer available)	
3	28647GT	SPARK PLUG,FORD	4
4	58928GT	WIRE SET (LRG 423) LG SET**	1
		(wire lengths 12 to 23 inches)	
4A	52570GT	SPARK PLUG WIRE SET, LRG425EFI	
		(wire length 23 to 31 inches)	
5	33970GT	COIL, ELECTRONIC IGN., FORD	1
6	27915GT	AIR CLEANER	1
		does NOT include mounting brackets	
6-	27916GT	FILTER,AIR,ELEMENT***	1
6-	65815GT	CLAMP, AIR CLEANER (27915)**	1
		clamp that holds the end cap on	
6-	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
7	33958GT	CARBURETOR,FORD-LRG 423,AUTO**	1
7-	28714GT	CARB REPAIR KIT, LSG/LRG-423	1
8	28651GT	SOLENOID, ANTI-DIESELING	1
9	33971GT	FILTER,FUEL,LSG-423, IN-LINE	1
10	30810GT	SENDING UNIT,OIL PRESSURE***	1
		dual-terminal sender	
11	29439GT	COIL, AUTOMATIC CHOKE,	1
12	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1
13	28656GT	FILTER,OIL,FORD	1
		Genie genuine part	
13-	1259054GT	FILTER, OIL, FORD	
		Genie aftermarket part	
14	33957GT	VALVE,PCV-FORD LRG***	1
15	27210GT	ELBOW,90DEG.6 X 14	1
16	28020GT	HOSE ASSY,MOTOR OIL DRAIN	1
17	19141GT	PLUG,MALE,070109-6	1
18	33968GT	SENSOR, CRANK POSITION	1
19	33964GT	GASKET, WATER PUMP	1
20	33963GT	PUMP, WATER, WITH GASKET	1
		includes index number 19	
21	33961GT	SERPENTINE BELT	1

401.1 Ford LRG-423 Engine - View 1



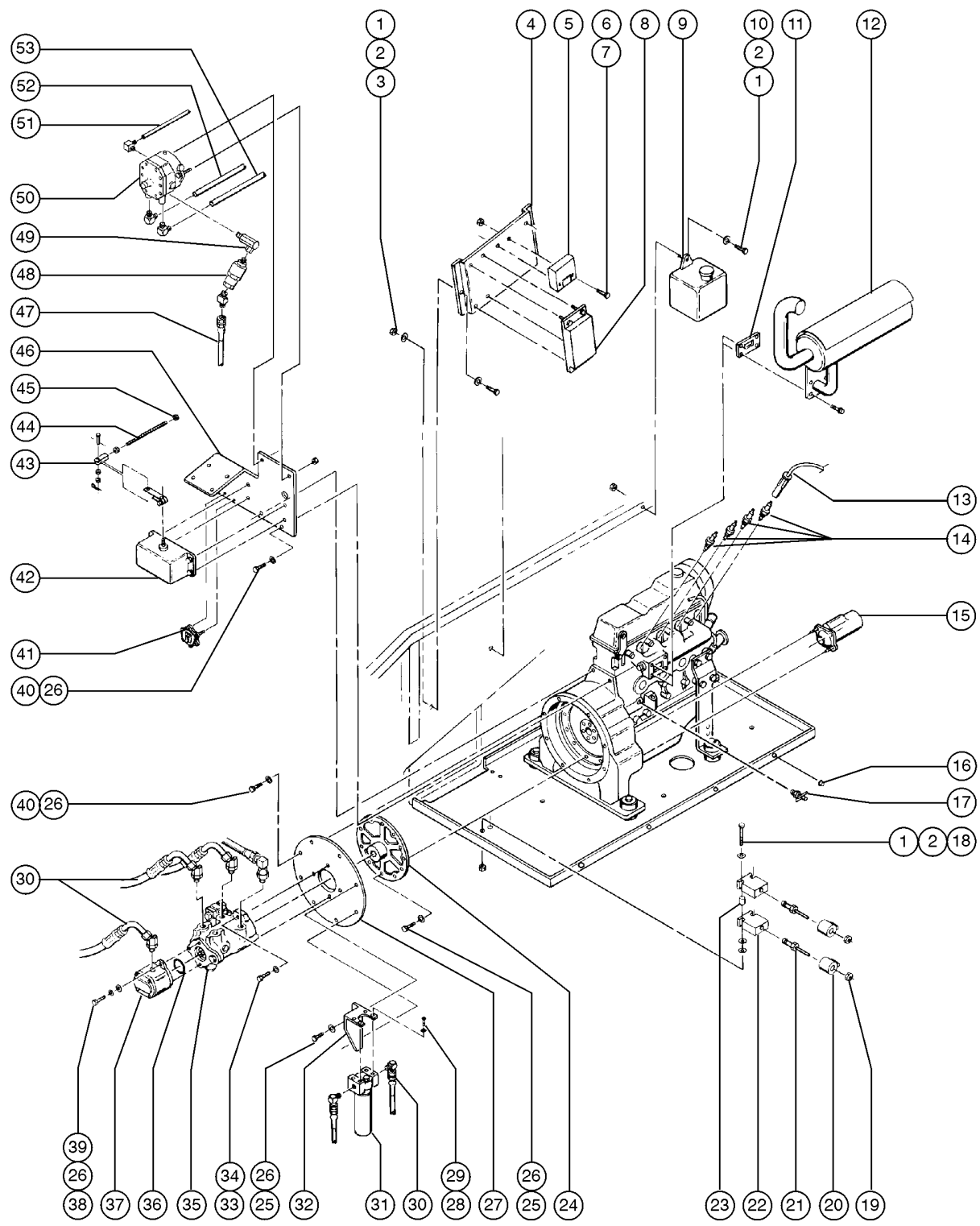
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
22	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
23	77170GT	HOSE,LOWER RADIATOR,Z45	1
24	45171GT	CLAMP,HOSE,1.75,LINED	2
25	33972GT	SENSOR,COOLANT TEMP*	1
26	33965GT	HOSE, UPPER RADIATOR	1
27	33966GT	THERMOSTAT, FORD LRG	1
28	28653GT	GASKET,WATER OUTLET,FORD	1
29	24552GT	VENTURI,BEAM (FORD) ***	1
30	33931GT	MOUNTING BAND (27915)	2

402.1 Ford LRG-423 Engine - View 2



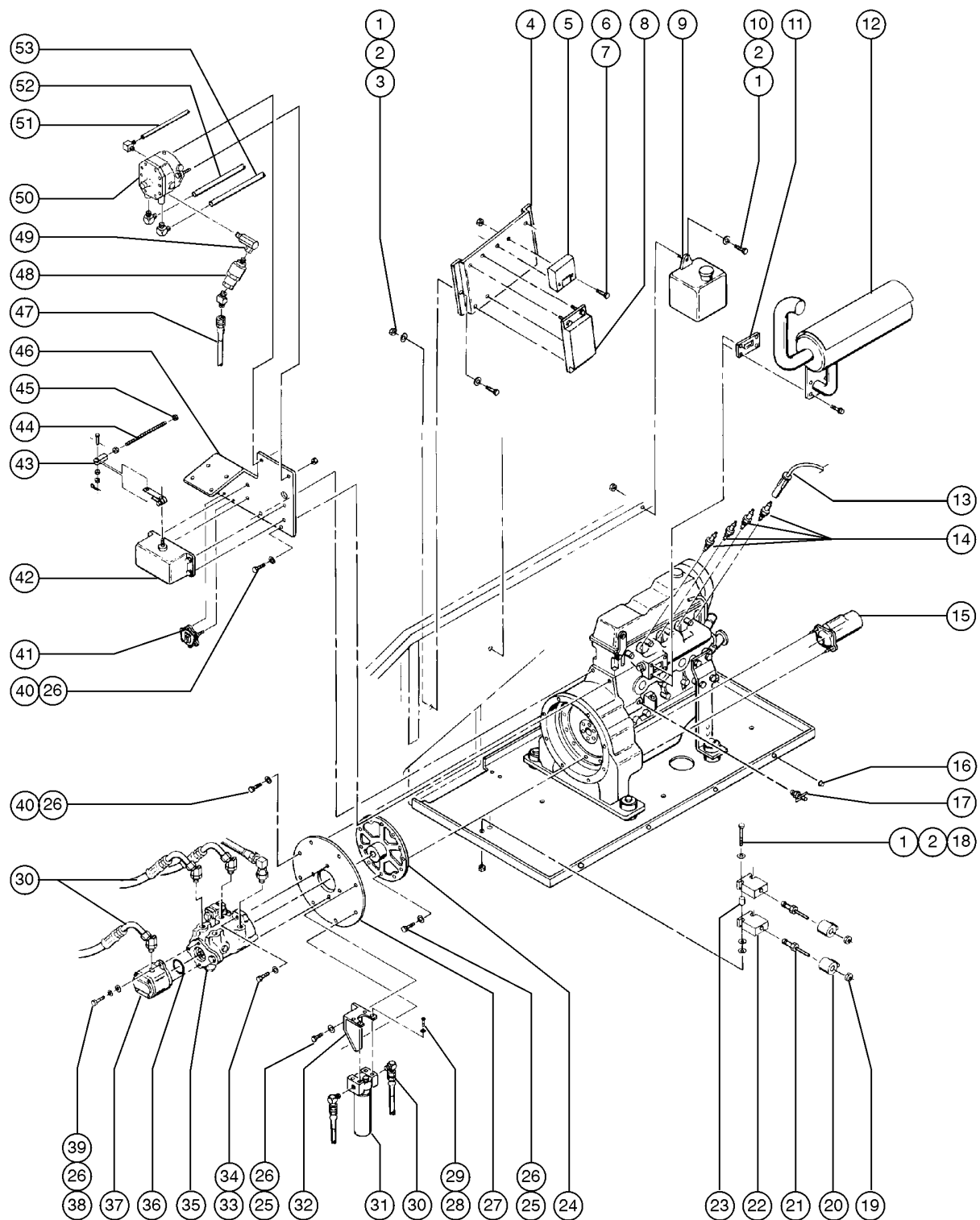
Item	Part No.	Description	Qty.
	65770GT	BELT,TIMING,FORD LRG423/425EFI	
1	6091GT	NUT,NYLOCK,1/4-20	5
2	6638GT	WASHER, FLAT, USS, 1/4"Y	9
3	8914GT	SCREW, HHC, 1/4-20 X .625	2
4	31250GT	IGNITION MODULE MTG.PLATE ASSY	1
		no longer available	
5		KIT,LRG423 IGNITION MODULE (128658)	1
		component no longer available	
6	6179GT	SCREW,RHM,10-32 X 1.25	2
7	14392GT	NUT,LP NYLOCK,10-32	2
8	34935GT	GOVERNOR,CNTRLR,FORD,LRG 423**	1
9	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
10	8915GT	SCREW, HHC, 1/4-20 X 1.25	1
11	27142GT	GASKET,EXHAUST***	1
12	48439GT	MUFFLER,EXH,FORD,BIG BOOMS***	1
13	58928GT	WIRE SET (LRG 423) LG SET**	1
		(wire lengths 12 to 23 inches)	
13A	52570GT	SPARK PLUG WIRE SET, LRG425EFI	
		(wire length 23 to 31 inches)	
14	28647GT	SPARK PLUG,FORD	4
15	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
15	29606GT	RING GEAR,FORD***	
		FITS LSG-LRG 423, AND LRG425	
16	34619GT	BUMPER,RUBBER***	4
17	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
18	11413GT	SCREW,HHC,1/4-20 X 4	2
19	52943GT	NUT, SOLENOID VALVE COIL	2
20	27814GT	COIL,SOLENOID,10V	2
21	29066GT	VALVE,SOLENOID,10V,2POS 3WAY**	2
		includes index numbers 19 and 20	
22	30369GT	SOLENOID VALVE,N.C. 2POS. 3WAY	2
		includes index number 21	
23	45400GT	SPACER TUBE,.50 LG	2
24	28836GT	COUPLING KIT,FLYWHEEL,FL 15T	1
		(includes flexplate and coupler)	
24-	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1

402.1 Ford LRG-423 Engine - View 2



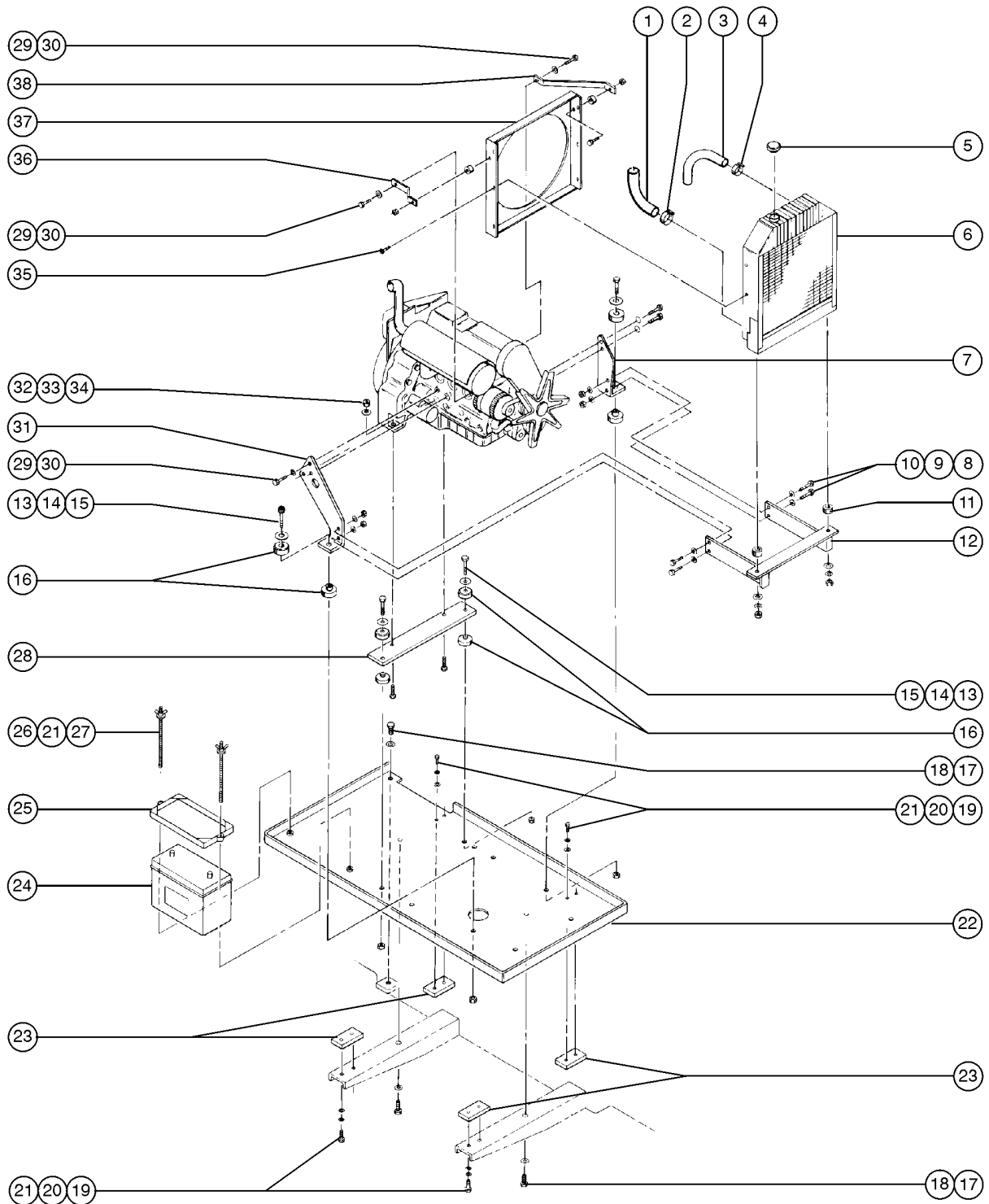
Item	Part No.	Description	Qty.
25	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
26	6021GT	WASHER, LOCK, .375	14
27	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED	1
28	7339GT	SCREW,HHC,1/4-20 X .5	4
29	6356GT	WASHER,LOCK,.25	4
30		Ref. Hydraulic Hoses & Fittings	4
		refer to section 509.1	
31		FILTER ASY,M PRESS,SAE8,WOIND* (77139)	1
		component no longer available	
31-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
		for 77139	
31-	20880GT	FILTER ELEMENT-10 MIC.***	
		for 20879 (no longer available)	
31A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
31A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS	
		for 1267807	
32	30230P-SGT	FILTER MOUNT BRACKET	1
33	8177GT	SCREW,HHC,1/2-13 X 1.5	2
34	6033GT	WASHER,LOCK,0.5"	4
35	37027GT	PUMP,VAR PISTON,2.8 C.I.***	1
35-	22965GT	EDC ASSY,SAUER,M46***	1
35-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
35-	32611GT	SHAFT,M46 15 TOOTH	1
36	29436GT	O-RING***	1
37	53959GT	PUMP,LIFT 1.403 C.I.***	1
37-	58228GT	SEAL KIT***	1
38	33988GT	SCREW,SHC,3/8-16 X 1	2
39	6097GT	WASHER, FLAT, USS, 3/8", Y	2
40	6175GT	SCREW,HHC,3/8-16 X 1	2
41	22278GT	SWITCH,VACUUM	1
42	34936GT	GOVERNOR,ACTUATOR,FORD LRG423	1
43	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
		includes clevis pin	
44	30785-1000GT	THREADED ROD,1/4-28 X 10 IN***	1

402.1 Ford LRG-423 Engine - View 2



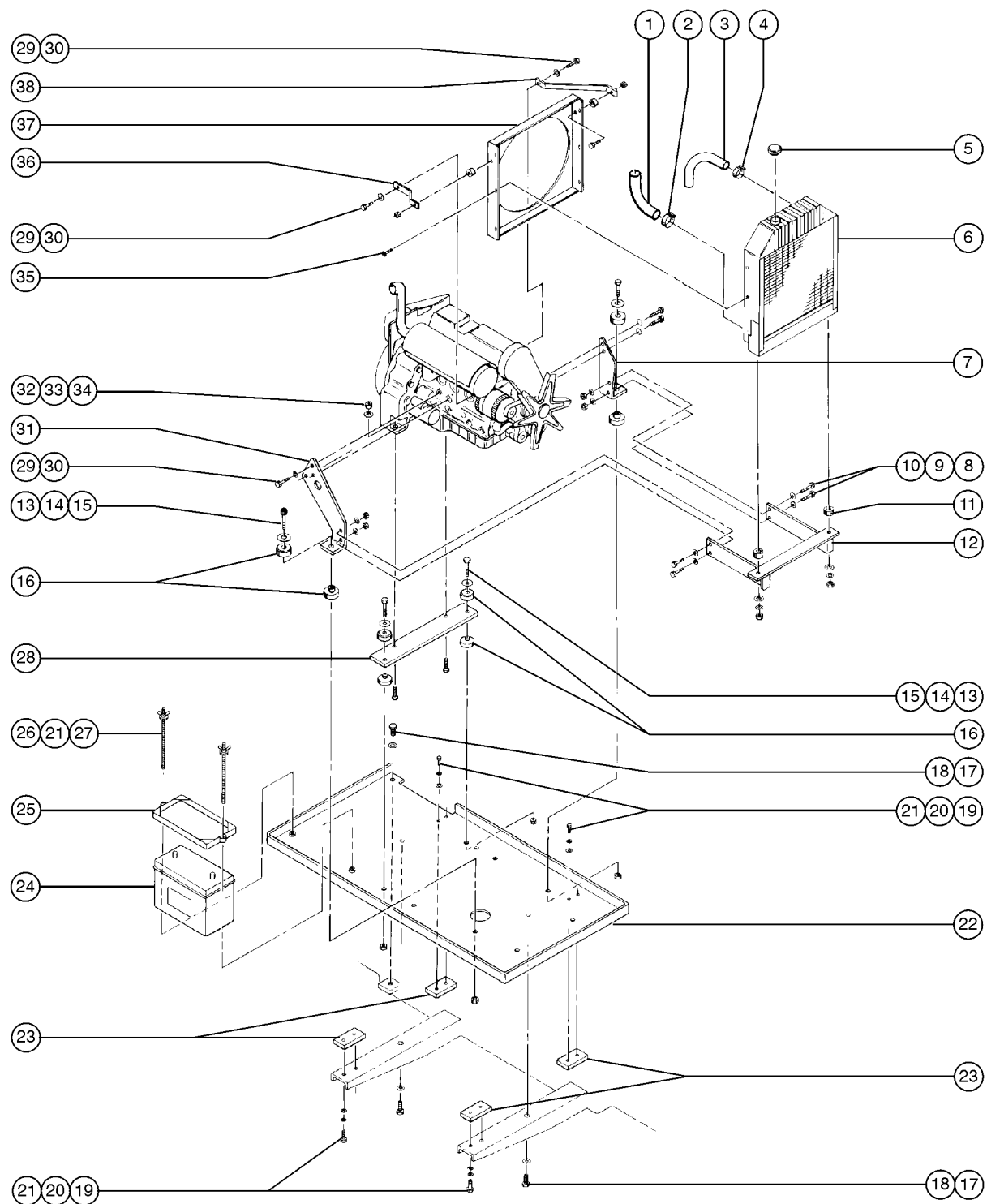
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
45	21496GT	NUT,HEX,1/4-28	2
46	34939PGT	BRACKET,LP REG/AIR FILTER,PNTD	1
47	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**	1
48	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
49	27042GT	ELBOW,90DEG.1/4MPT,1/4SW,NPTF	1
50		REGULATOR,LPG,BEAM #120A Type 120 regulator (no longer available)	1
50-	32768GT	REGULATOR DIAPH.KIT BEAM 120A for 24551	1
50A	22279GT	REGULATOR,LPG BEAM 60*** Type 60 regulator	
50A-	24470GT	REGULATOR DIAPH.KIT BEAM 50/60 for 22279	
51		Ref. Hose - 3/16 x 17.5 inches (44.5 cm), Regulator to Carburetor Venturi	1
52		Ref. Hose - 3/8 x 25 inches (63.5 cm), Regulator to Intake Manifold	1
53		Ref. Hose - 3/8 x 54 inches (137 cm), Regulator to Water Pump	1

403.1 Ford LRG-423 Engine - View 3



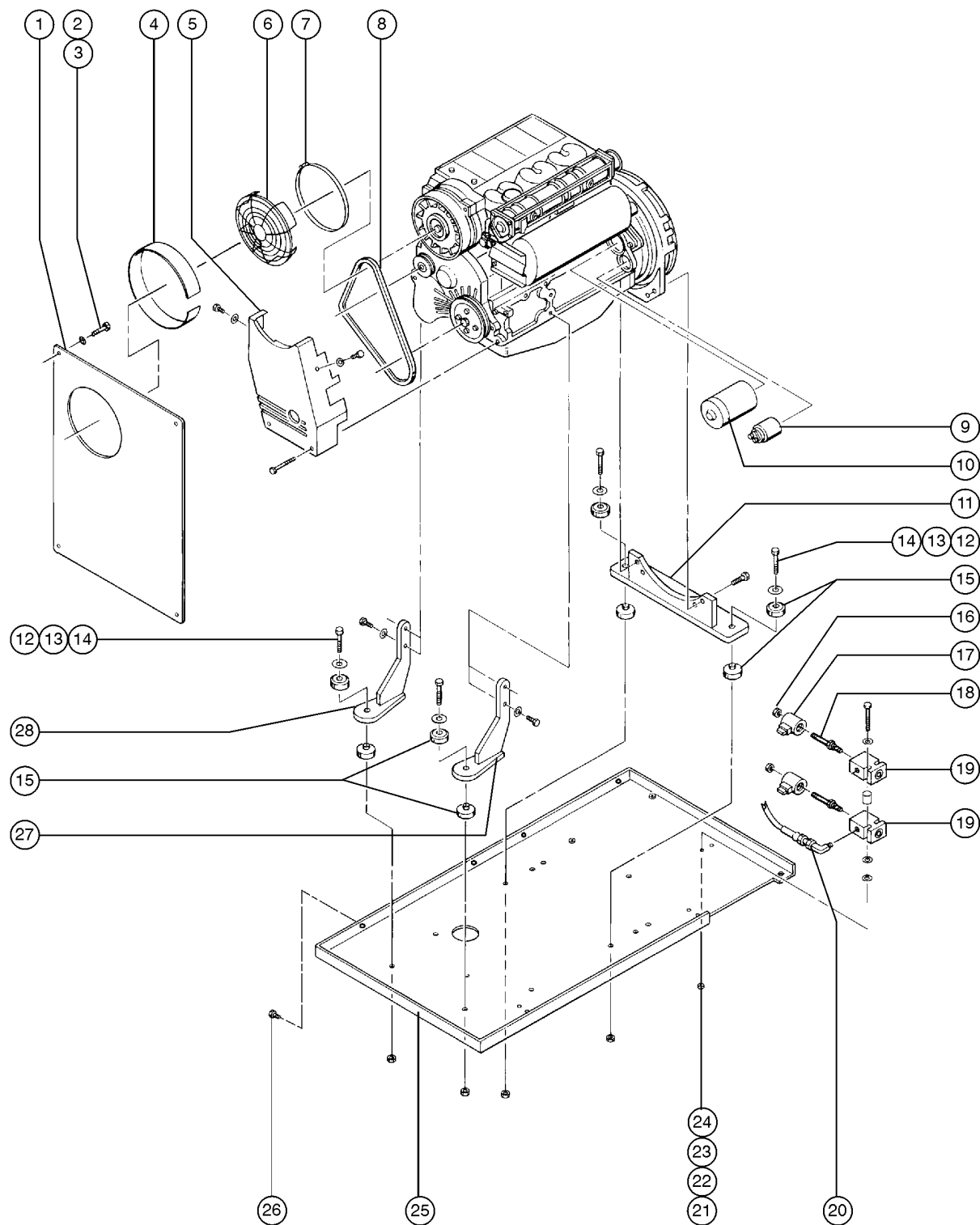
Item	Part No.	Description	Qty.
1	77170GT	HOSE,LOWER RADIATOR,Z45	1
2	13014GT	CLAMP,HOSE,2.25" DIA.	1
3	33965GT	HOSE, UPPER RADIATOR	1
4	45171GT	CLAMP,HOSE,1.75,LINED	1
5	27943GT	CAP,RADIATOR,FORD***	1
6	33969GT	RADIATOR,FORD,LRG	1
6-	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
7	29297GT	WELDMENT,FORD ENG.MNT,INBOARD	1
8	8516GT	SCREW, HCC, 3/8-16 X 1.50	4
9	6097GT	WASHER, FLAT, USS, 3/8", Y	8
10	4828GT	NUT, NYLOCK, 3/8-16	4
11	24038GT	SHOCK MOUNT,SMALL	2
12	34929GT	WELDMENT,RAD MNT LRG423	1
13	6023GT	SCREW,HHC,5/8-11 X 3.5	4
14	6035GT	WASHER,FLAT,USS,5/8",Y	4
15	6024GT	NUT,NYLOCK,5/8-11	4
16	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
17	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
18	13064GT	WASHER,FLAT,.625 HARDENED	3
19	6090GT	SCREW, HHC, 1/4-20 X .75	8
20	6356GT	WASHER,LOCK,.25	8
21	6638GT	WASHER, FLAT, USS, 1/4"Y	10
22	30679-SGT	WELDMENT, ENGINE MODULE PLATE	1
23	45209GT	WEAR PAD,4X2X.5 W/INSERT***	4
24	1303581GT	BATTERY, 12V, 950CCA, FLA	1
25	30144GT	BATTERY HOLD DOWN,GROUP 31	1
26	30784-975GT	THREADED ROD,(1/4-20),9.75	2
27	8170GT	NUT,WING,1/4-20	2

403.1 Ford LRG-423 Engine - View 3



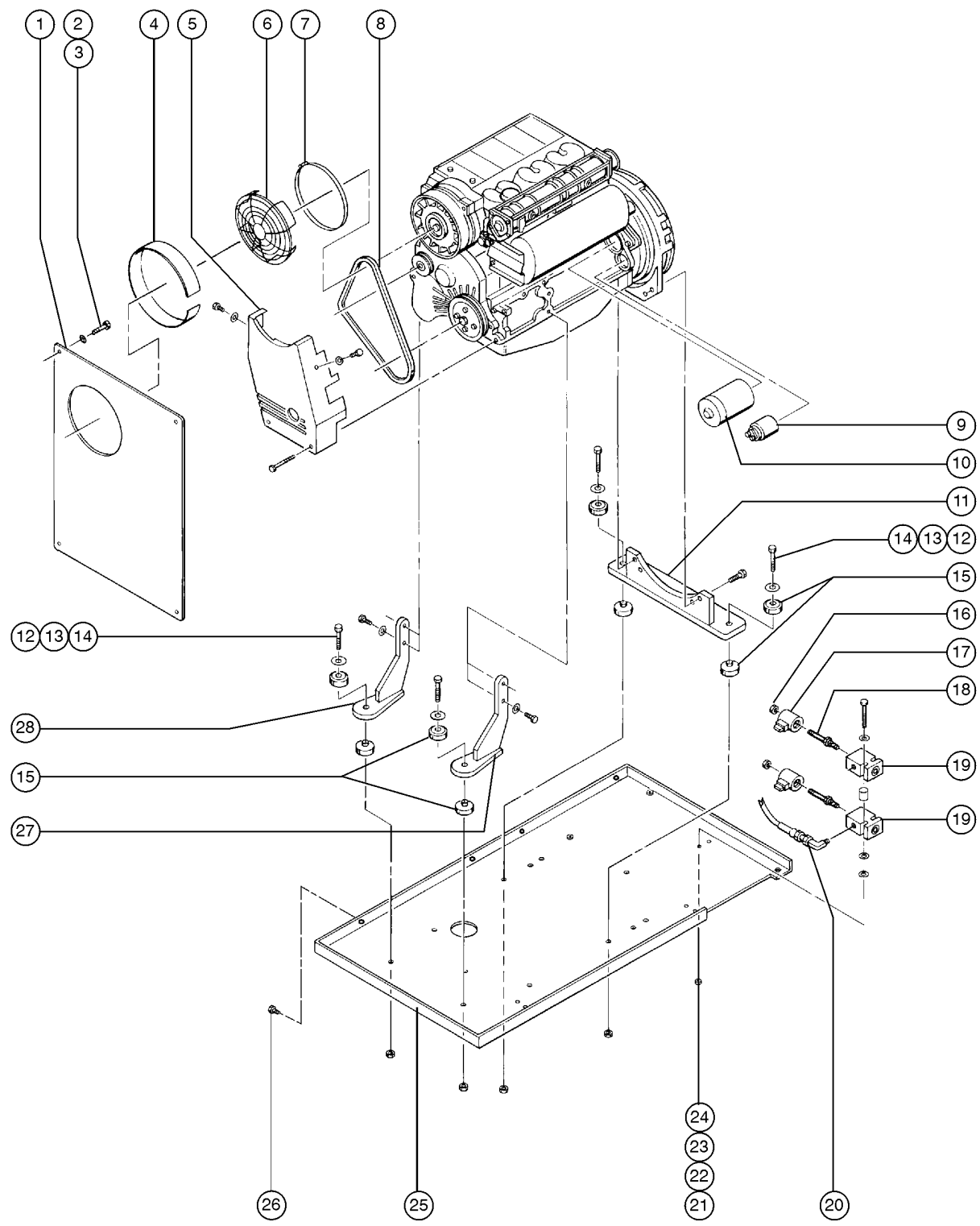
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
28	28234P-SGT	PLATE,ENGINE MOUNT,PAINTED	1
29	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	7
30	22700GT	WASHER,LOCK,M10	7
31	33995GT	WELDMENT,FORD ENG MT,OUTBOARD	1
32	6198GT	NUT, NYLOCK, 1/2-13	2
33	6095GT	WASHER,FLAT,USS,1/2",Y	2
34	10598GT	SCREW,HHC,1/2-13 X 3	2
35	21018GT	SCREW,PHIL,PHM,10-24 X.38,SEMS	6
36	34942P-SGT	STRUT,RH,FORD RADIATOR,PAINT	1
		replaced by 34942PGT	
36B	34942PGT	STRUT,RH,FORD RADIATOR,PAINT**	1
37	34927P-SGT	SHROUD,RADIATOR LRG 423 BLUE**	1
38	34943P-SGT	MOUNT,RAD.SUPPT,LH,BLUE	1

404.1 Deutz F4L 1011 Engine - View 1



Item	Part No.	Description	Qty.
	70453GT	ENGINE,DEUTZ D2011L03I F3L1011 AND F3L1011F Engines only	
	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	
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 includes index number 9	1
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	27814GT	COIL,SOLENOID,10V	2
18	29066GT	VALVE,SOLENOID,10V,2POS 3WAY** includes index numbers 16 and 17	2
19	30369GT	SOLENOID VALVE,N.C. 2POS. 3WAY includes index number 18	2
20		Ref. Hydraulic Hoses & Fittings refer to section 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

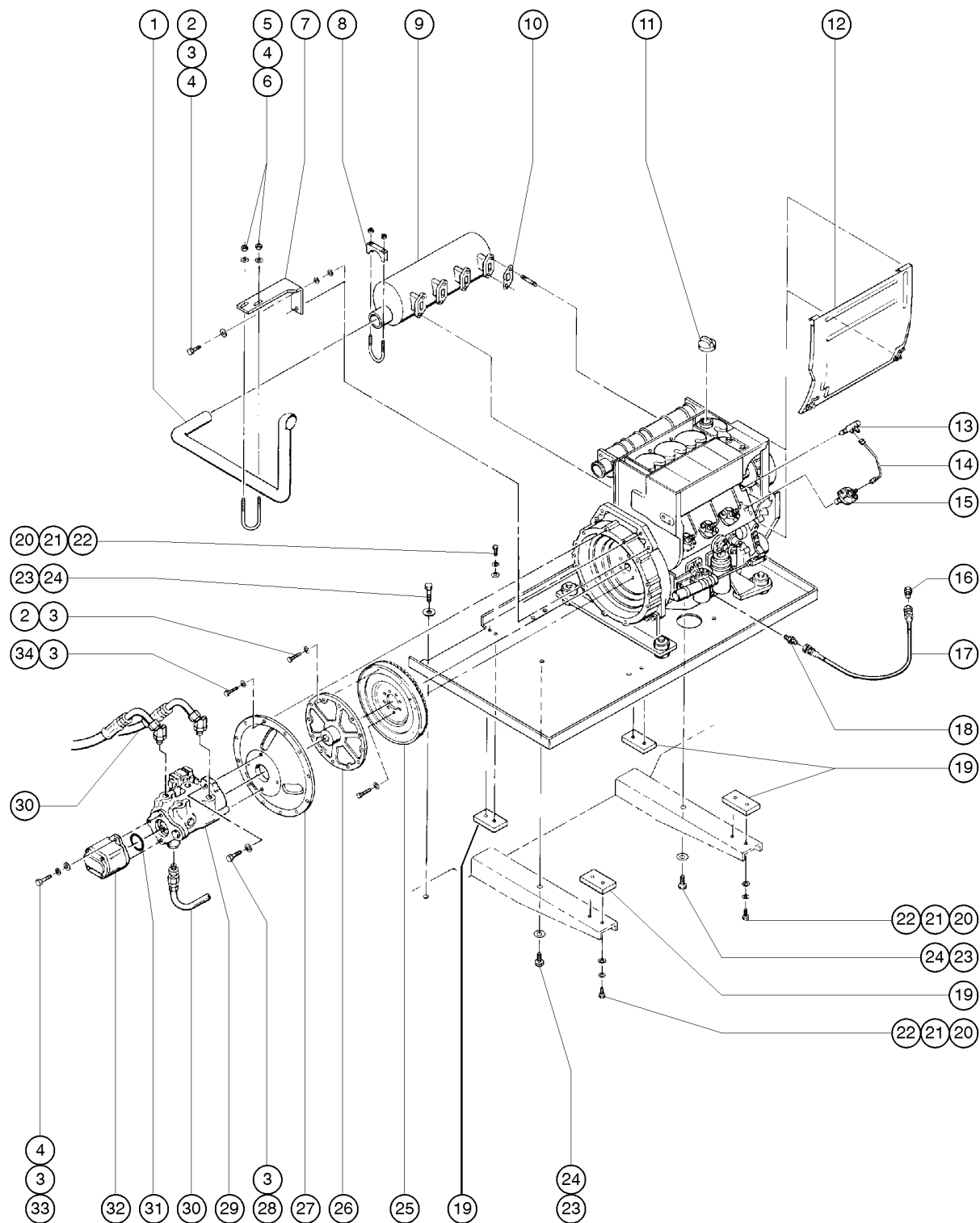
404.1 Deutz F4L 1011 Engine - View 1



404.1 Deutz F4L 1011 Engine - View 1

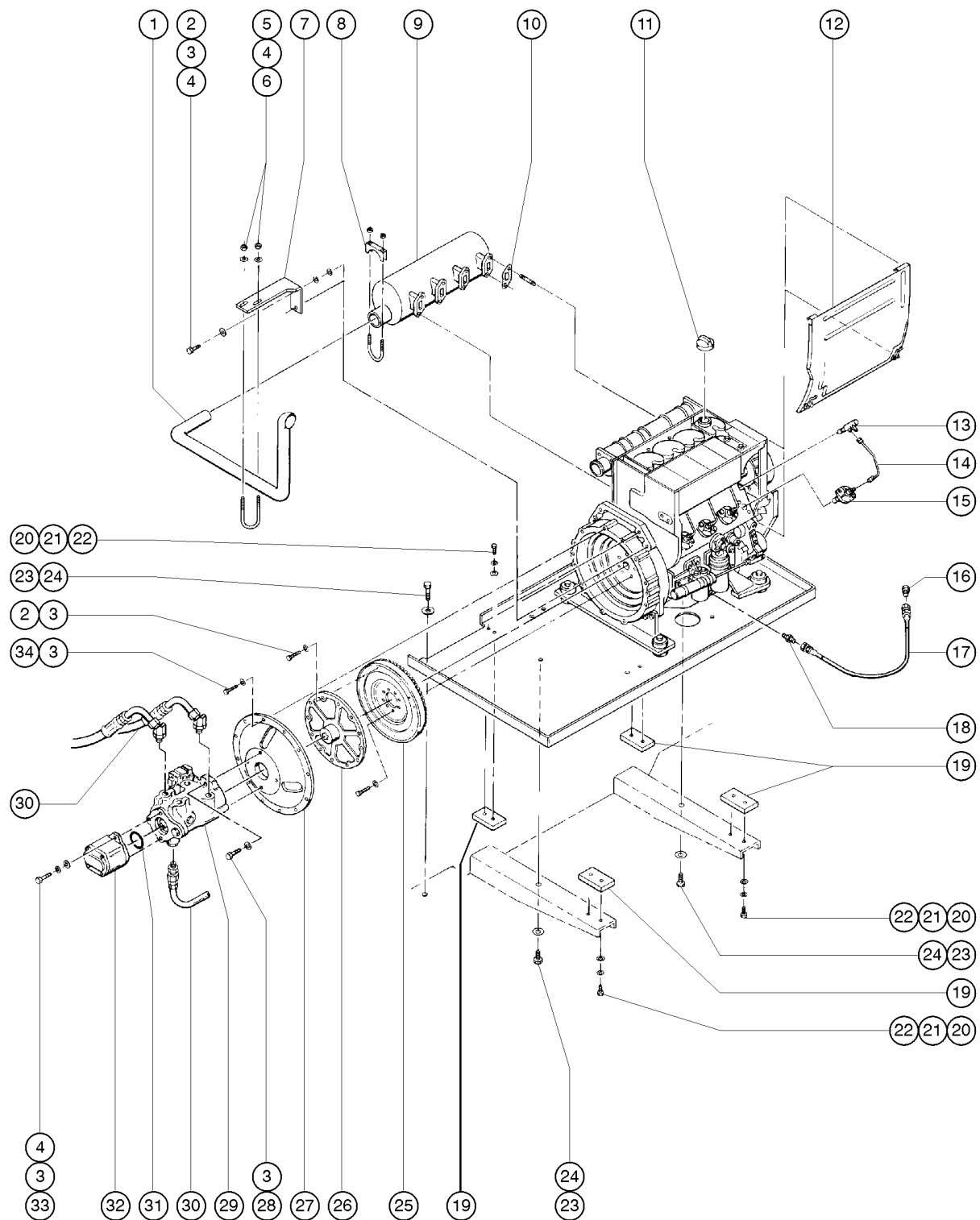
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
27	32748GT	WELMENT,DEUTZ ENGINE MOUNT	1
28	32749GT	WELDMENT,DEUTZ ENGINE MOUNT	1

405.1 Deutz F4L 1011 Engine - View 2



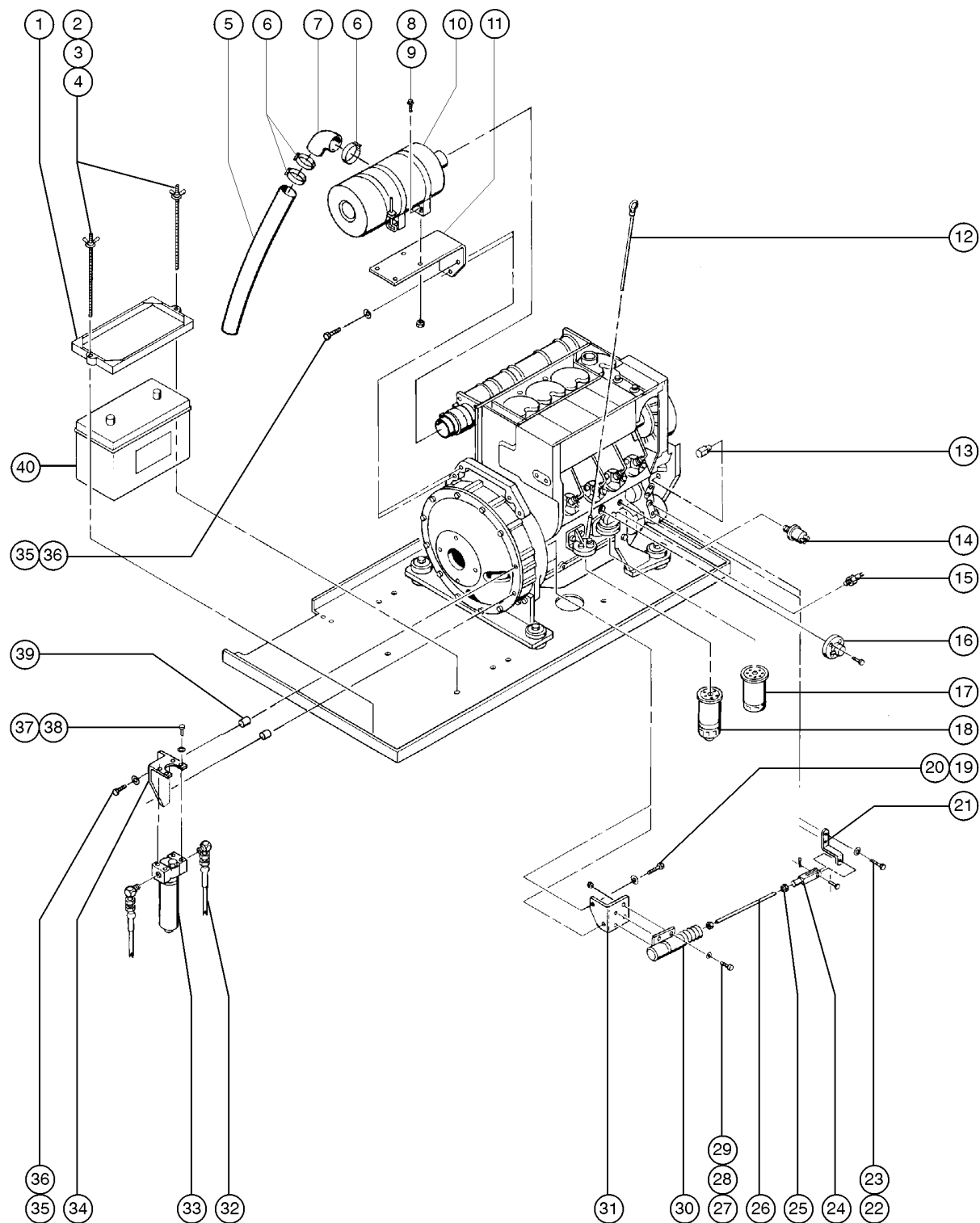
Item	Part No.	Description	Qty.
1	34551GT	EXHAUST, TAILPIPE, DEUTZ	1
2	6019GT	SCREW, HHC, 3/8-16 X 1.25 GRD 5	14
3	6021GT	WASHER, LOCK, .375	27
4	6097GT	WASHER, FLAT, USS, 3/8", Y	6
5	6002GT	NUT, LP NYLOCK, 5/16-18	2
6	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***	1
7	27329P-SGT	BRACKET, EXHAUST SUPPORT, PAINTD	1
8	30438GT	CLAMP, MUFFLER, 2 1/4" ID.	2
9	29558GT	MUFFLER**	1
9-	53867GT	SCRUBBER MUFFLER, DEUTZ, F4L1011 option	
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

405.1 Deutz F4L 1011 Engine - View 2



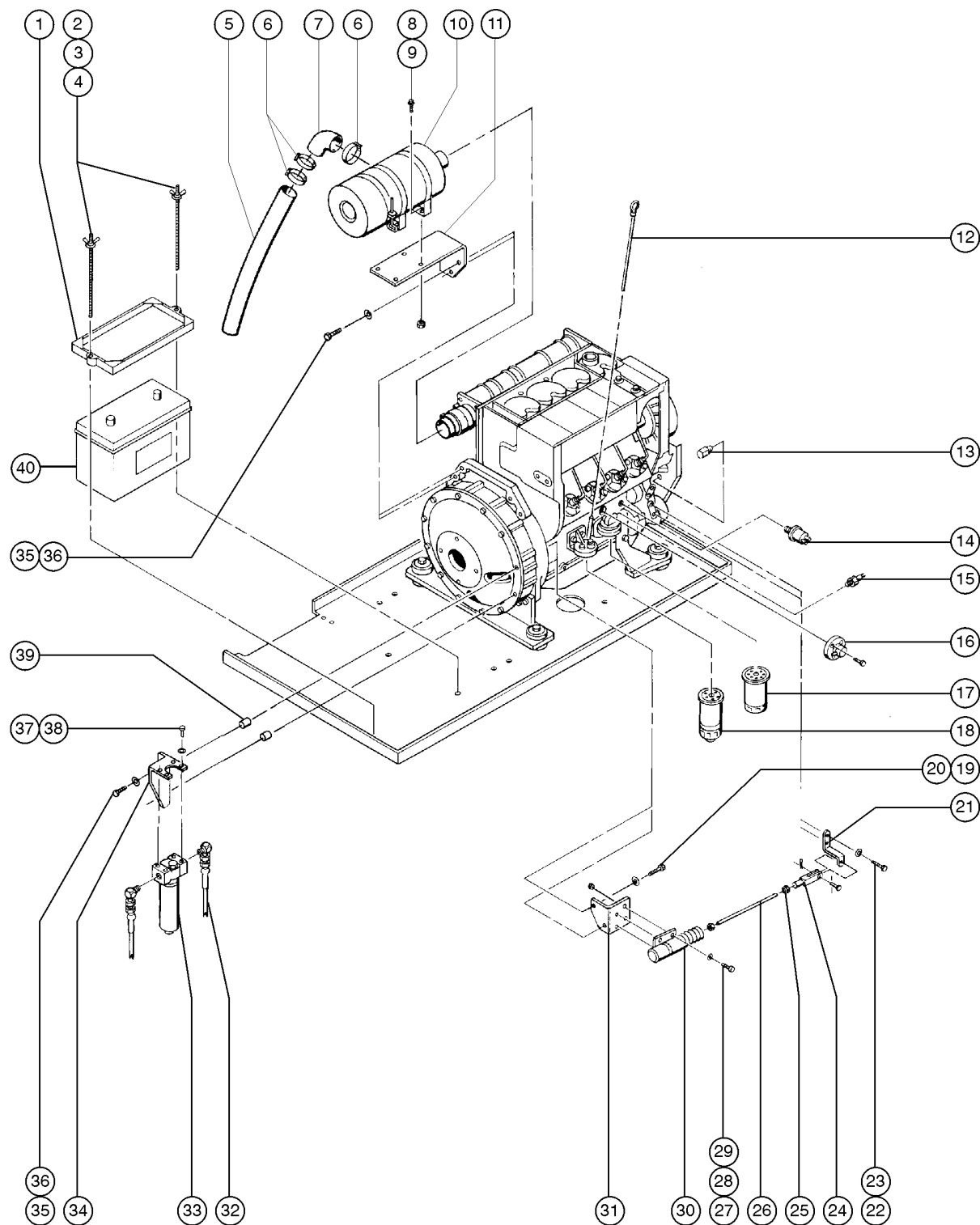
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
26	34380GT	FLYWHEEL COUPLING,TYPE FL	1
26-	32606GT	COUPLER,HUB,15 TOOTH	1
27	30806GT	FLYWHEEL COVER,CASTING***	1
28	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	2
29	37027GT	PUMP,VAR PISTON,2.8 C.I.***	1
29-	22965GT	EDC ASSY,SAUER,M46***	1
29-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
29-	32611GT	SHAFT,M46 15 TOOTH	1
29-	65843GT	SEAL KIT, EDC use for EDC ASSY 22965	
29-	27067GT	SEAL,SHAFT-SUNDSTRAND***	
30		Ref. Hydraulic Hoses & Fittings	1
		refer to section 509.1	
31	29436GT	O-RING***	1
32	53959GT	PUMP,LIFT 1.403 C.I.***	1
32-	58228GT	SEAL KIT***	
32-	31249GT	SEAL KIT,LIFT PUMP** for lift pump 32604	1
33	33988GT	SCREW,SHC,3/8-16 X 1	2
34	6175GT	SCREW,HHC,3/8-16 X 1	12

406.1 Deutz F4L 1011 Engine - View 3



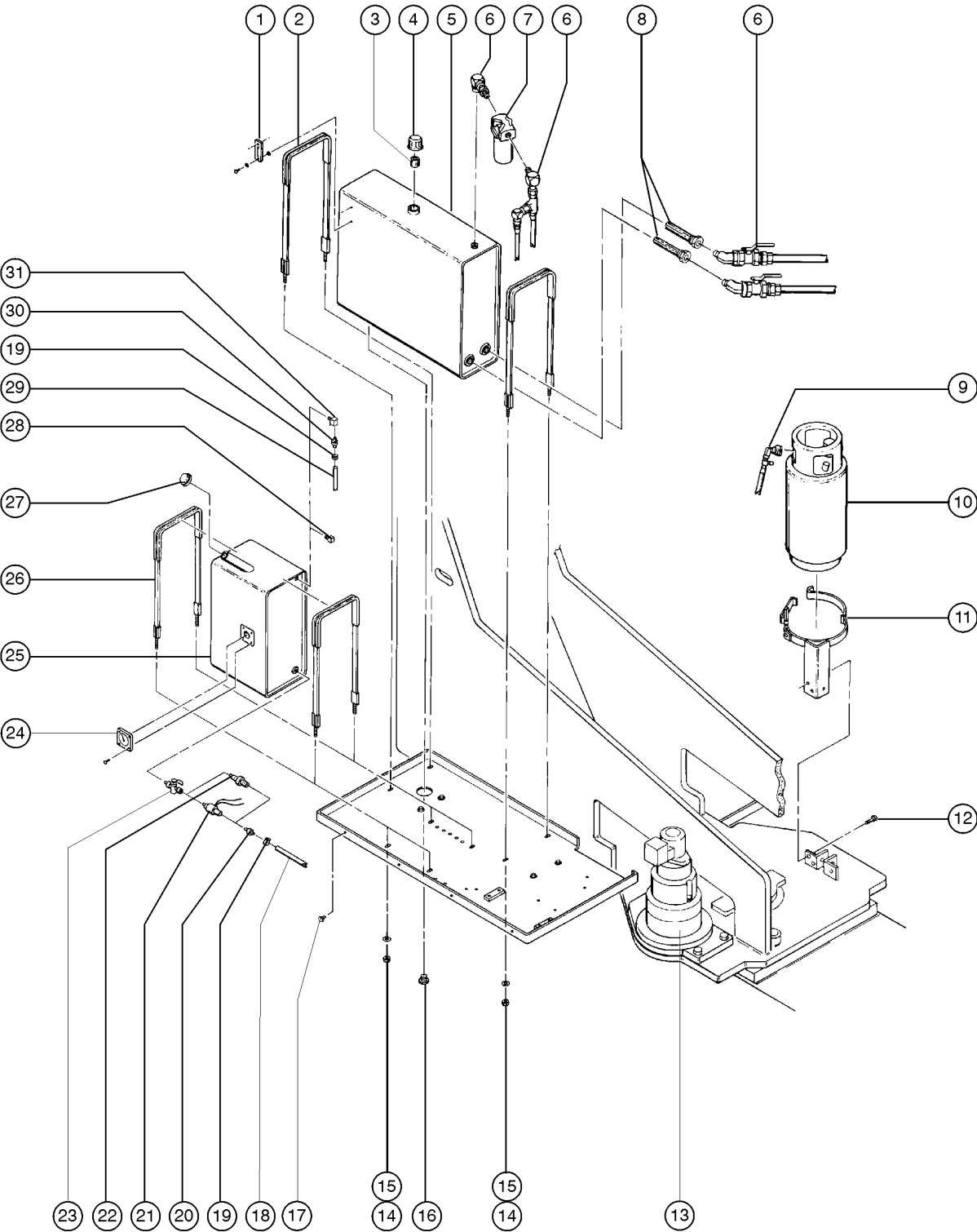
Item	Part No.	Description	Qty.
1	30144GT	BATTERY HOLD DOWN, GROUP 31	1
2	30784-975GT	THREADED ROD, (1/4-20), 9.75	2
3	6638GT	WASHER, FLAT, USS, 1/4"Y	2
4	8170GT	NUT, WING, 1/4-20	2
5	34162-3150GT	HOSE, AIR INTAKE 2.5" I.D.	1
6	30971GT	CLAMP, HOSE, 3.00"	5
7	34164GT	ELBOW, 90 DEGR, RUBBER, 2.5" I.D. *	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-	65815GT	CLAMP, AIR CLEANER (27915)** clamp that holds the end cap on	1
10-	53952GT	BRKT, AIR CLEANER ORIENTATION**	1
11	30769PGT	BRCKET, AIR CLEANER MTG. PAINT**	1
12	32750GT	DIPSTICK check before ordering (10 1/2")	1
12B	49922GT	DIPSTICK - DEUTZ F4L1011F check before ordering (9")	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	29561GT	FILTER, OIL	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

406.1 Deutz F4L 1011 Engine - View 3



Item	Part No.	Description	Qty.
21	33240PGT	BRACKET,ACTUATOR ARM MTG,PTD	1
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	1
		refer to section 509.1	
33		FILTER ASY,M PRESS,SAE8,WOIND* (77139)	1
		component no longer available	
33-	60857GT	FILTER,ELEMENT,BETA(5)=1000	1
		for 77139	
33-	20880GT	FILTER ELEMENT-10 MIC ***	1
		for 20879 (no longer available)	
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	4
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	1303581GT	BATTERY, 12V, 950CCA, FLA	1

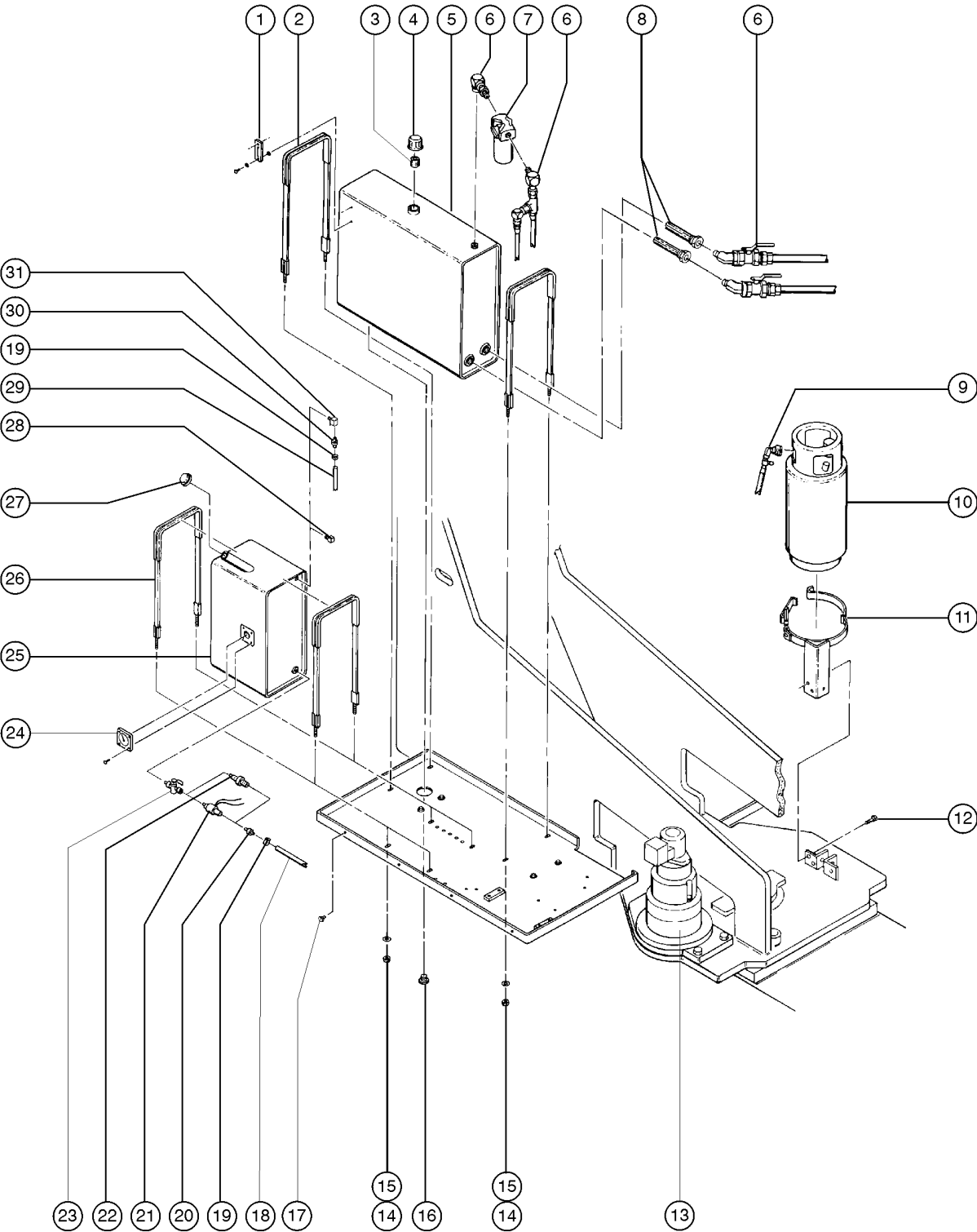
501.1 Hydraulic and Fuel Tanks



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 3 and 16	1
6		Ref. Hydraulic Hoses & Fittings refer to section 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 Gasoline/LPG models	3
13		Ref. Turntable Rotator refer to section 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	102 in ch es
18-	27089GT	HOSE,5/16 FUEL,SAE 30R7 Gasoline/LPG models	78 in ch es
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

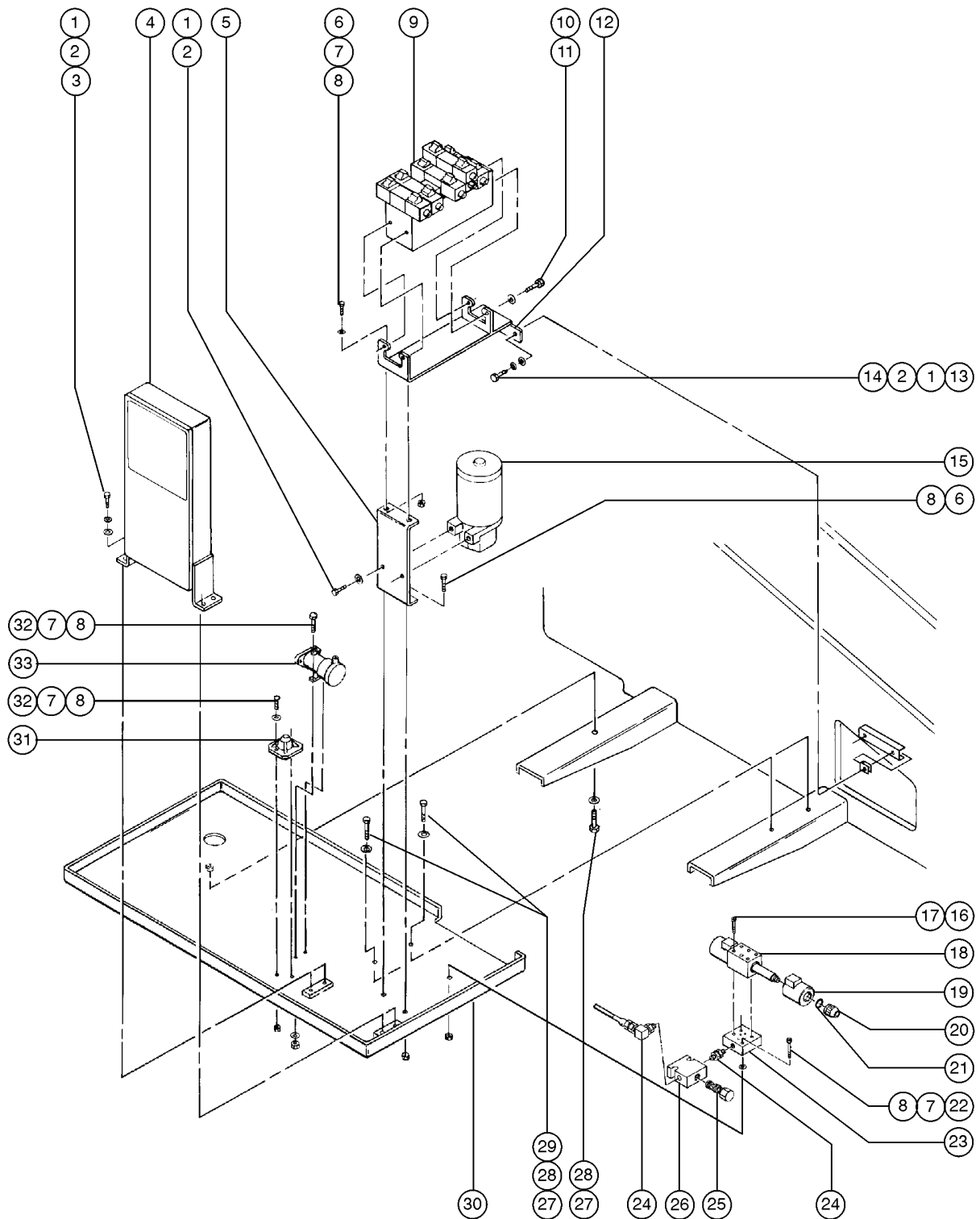
501.1 Hydraulic and Fuel Tanks



501.1 Hydraulic and Fuel Tanks

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24	30584GT	GAUGE,FUEL,SIDE MOUNT	1
25	30546P-SGT	TANK,30 GALLON,PAINTED** includes index number 28	1
26	30179GT	TANK STRAP,BOLT STYLE,62"	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	126 in ches
30	29137GT	HOSE END,MALE.25 X .25 MPT*** Deutz Diesel models	1
31	19363GT	ELBOW,130239-4-4 Deutz Diesel models	1

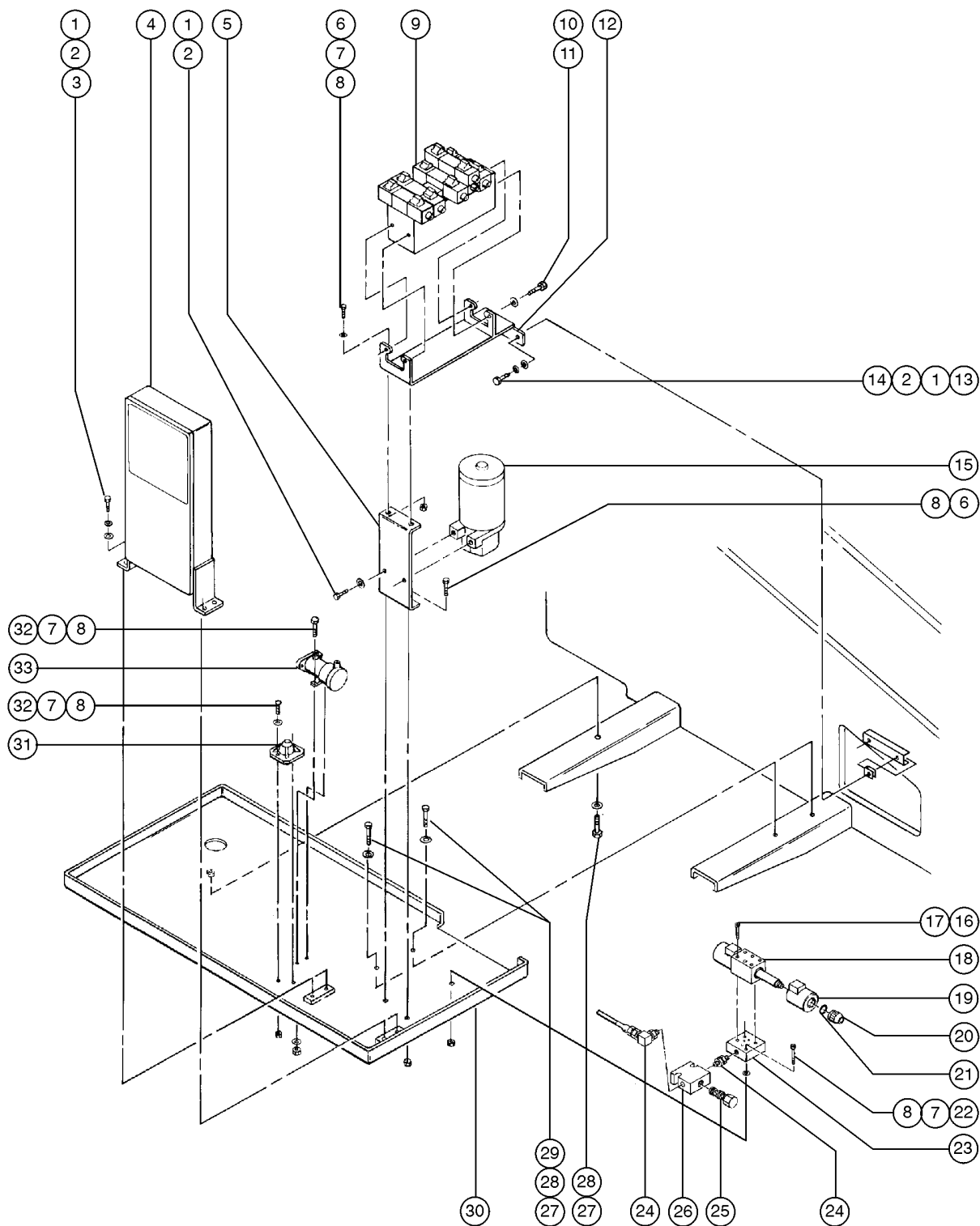
502.1 Function Manifold and Auxiliary Power Unit Installation



502.1 Function Manifold and Auxiliary Power Unit Installation

Item	Part No.	Description	Qty.
1	8255GT	SCREW,HHC,3/8-16 X .75	6
2	6021GT	WASHER, LOCK, .375	6
3	6097GT	WASHER, FLAT, USS, 3/8", Y	8
4		Ref. Ground Controls refer to sections 505.1 and 506.1	8
5	30718PGT	BRACKET,AUX.PUMP MNT.PAINTED	1
6	4266GT	SCREW,HHC,1/4-20 X 2	4
7	6638GT	WASHER, FLAT, USS, 1/4"Y	9
8	6091GT	NUT,NYLOCK,1/4-20	4
9		MANIFOLD,FUNCTN S40,S60,S80 Part is no longer available for units before SN 1063	4
9-	146171GT	MANIFOLD, FUNCTION,S60,S80 from SN 1063	
9-	25375GT	KIT, O-RING for manifold 146171GT	
10	13002GT	SCREW,HHC,5/16-18 X 1 GR5	4
11	6886GT	WASHER,LOCK,.313	4
12	30703GT	WLDMT.FUNCTION MAN. MNT. S40	1
13	6175GT	SCREW,HHC,3/8-16 X 1	2
14	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	6
15	89617GT	POWER UNIT,AUX PUMP 12VDC Replaces 32811 and 53236; Check unit label for part number prior to ordering components	1
15A-	58489GT	PUMP ASSY,AUX.POWER UNIT 89617 for APU 89617	
15A-	77069GT	MOTOR,12VDC,77066	
15A-	77071GT	SOLENOID,77066	
15A-	147289GT	SEAL KIT, APU	
15A-	147290GT	SHAFT SEAL, APU	
15B-	32949GT	MOTOR,12V DC (32810/32811)APU	1
15B-	32955GT	END HEAD, 32810 POWER UNIT	1
15B-	32948GT	COUPLER,PUMP TO MOTOR (32810)	1
15B-	32967GT	GASKET,PUMP TO DC MTR.(32810)	1
15B-	33455GT	PUMP, AUX. POWER UNIT	1
15B-	32959GT	BALL,CHECK (32810)	1

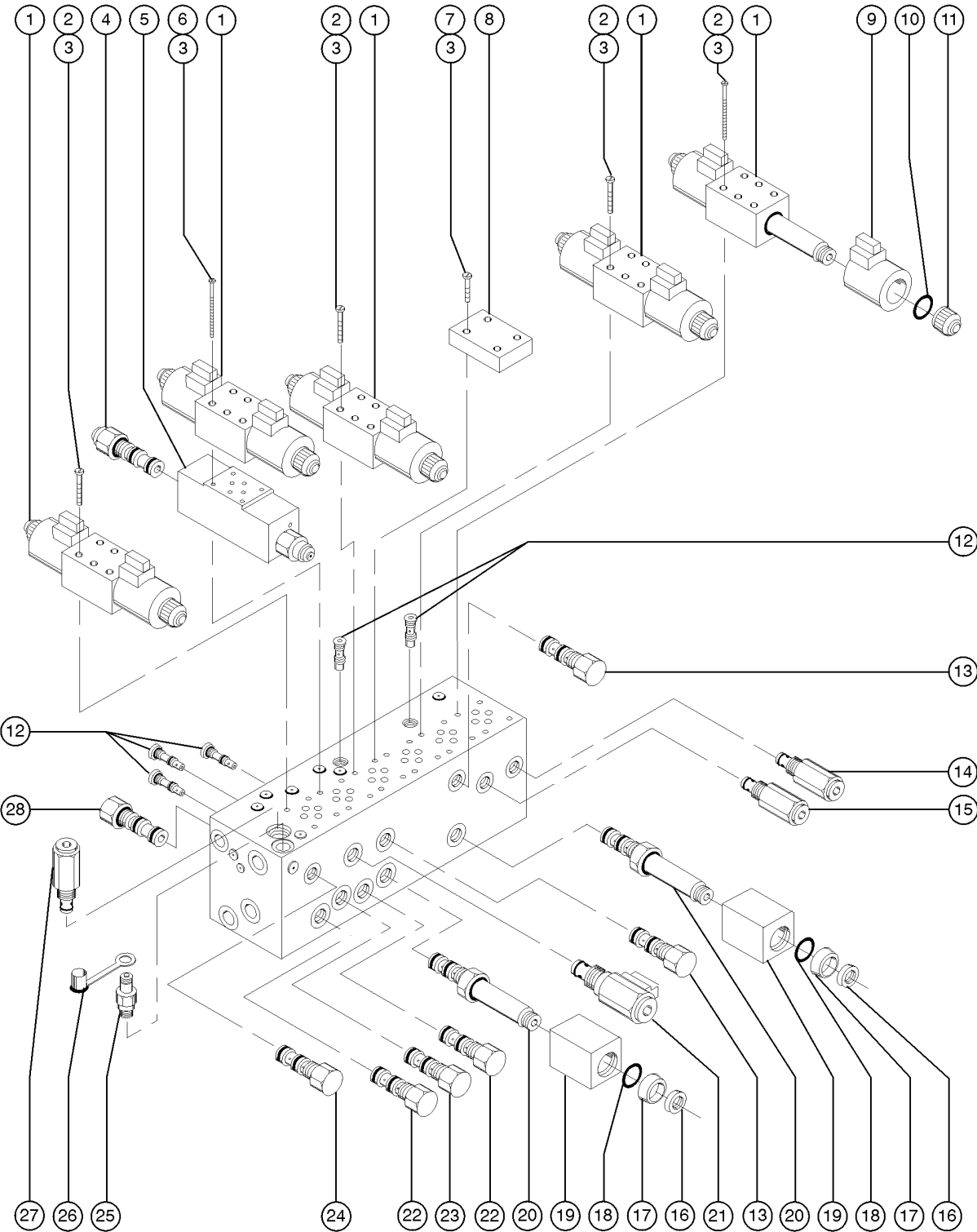
502.1 Function Manifold and Auxiliary Power Unit Installation



502.1 Function Manifold and Auxiliary Power Unit Installation

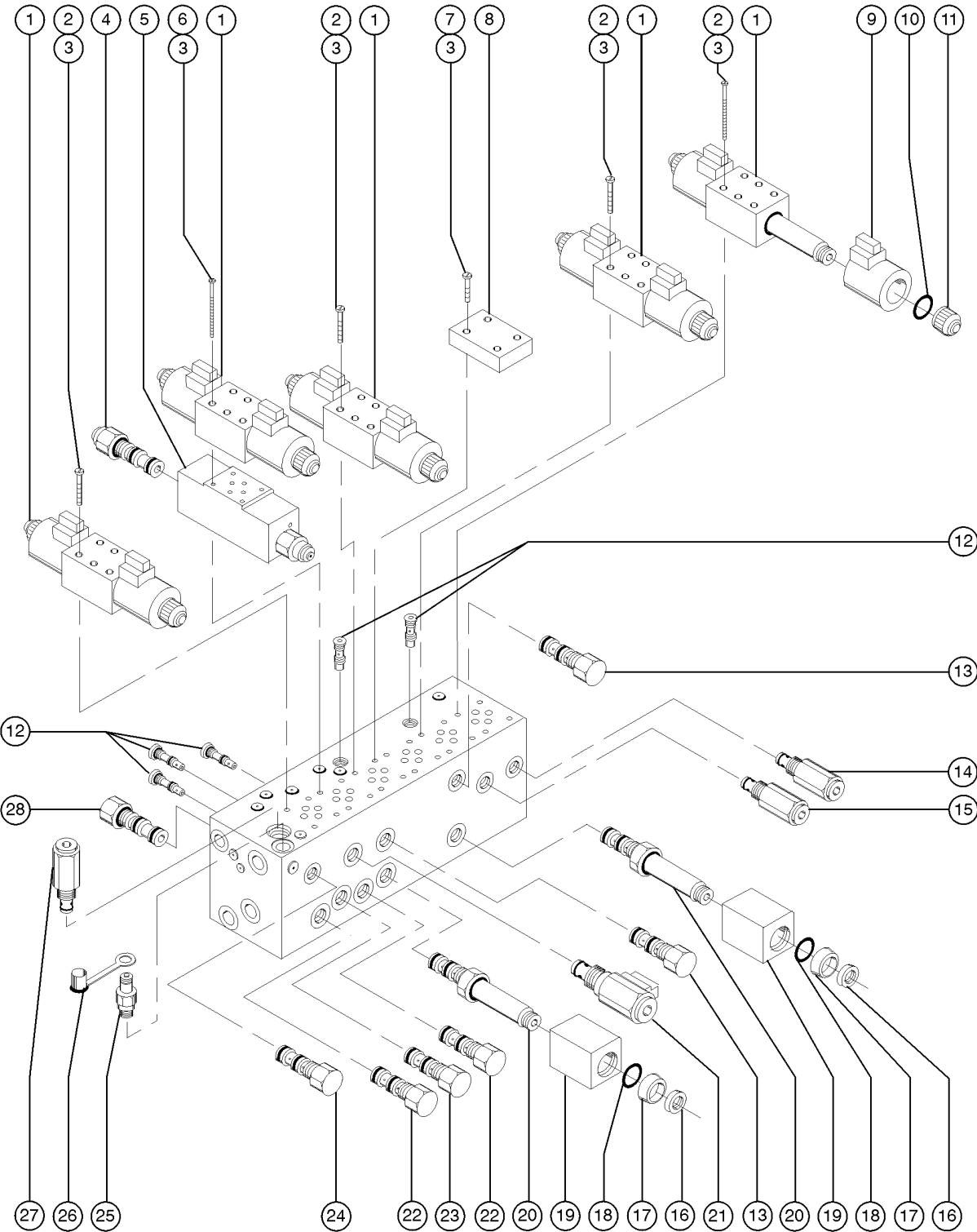
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
15B-	32962GT	GASKET,0.0005,SILVER (32810) for APU 32811	1
15B-	32963GT	GASKET,0.001,AMBER (32810) for APU 32811	1
15B-	32964GT	GASKET,0.00075,GOLD (32810) for APU 32811	1
16	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	4
17	6607GT	WASHER,LOCK,#10 PLTD	4
18	146160GT	VALVE KIT,D03 includes index numbers 19 through 21	1
19	223763GT	COIL WITH DE CONNECTOR	2
20	33568GT	NUT, CP521-1 VALVE	2
21	45914GT	O-RING, DO1 VALVE	2
22	30444GT	SCREW,SHC,1/4-20 X 2	2
23	24675GT	SUB PLATE (SPOOL VALVE)	1
24		Ref. Hydraulic Hoses & Fittings refer to section 509.1	1
25	33453GT	VALVE,FLOW REG.,3.5GPM (34543)	1
26	34543GT	VALVE,FLOW REGULATOR 3.5 GPM oscillating models only; includes index number 25	1
27	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
28	13064GT	WASHER,FLAT,.625 HARDENED	3
29	6024GT	NUT,NYLOCK,5/8-11	3
30	30677GT	WELDMENT,HYD TANK MODULE	1
31	44586GT	SENSOR,LEVEL 4.5***	1
32	6888GT	SCREW, HHC, 1/4-20 X 1	4
33	46164GT	FUEL PUMP KIT,FORD LRG 423***	1

503.1 Function Manifold, S-60



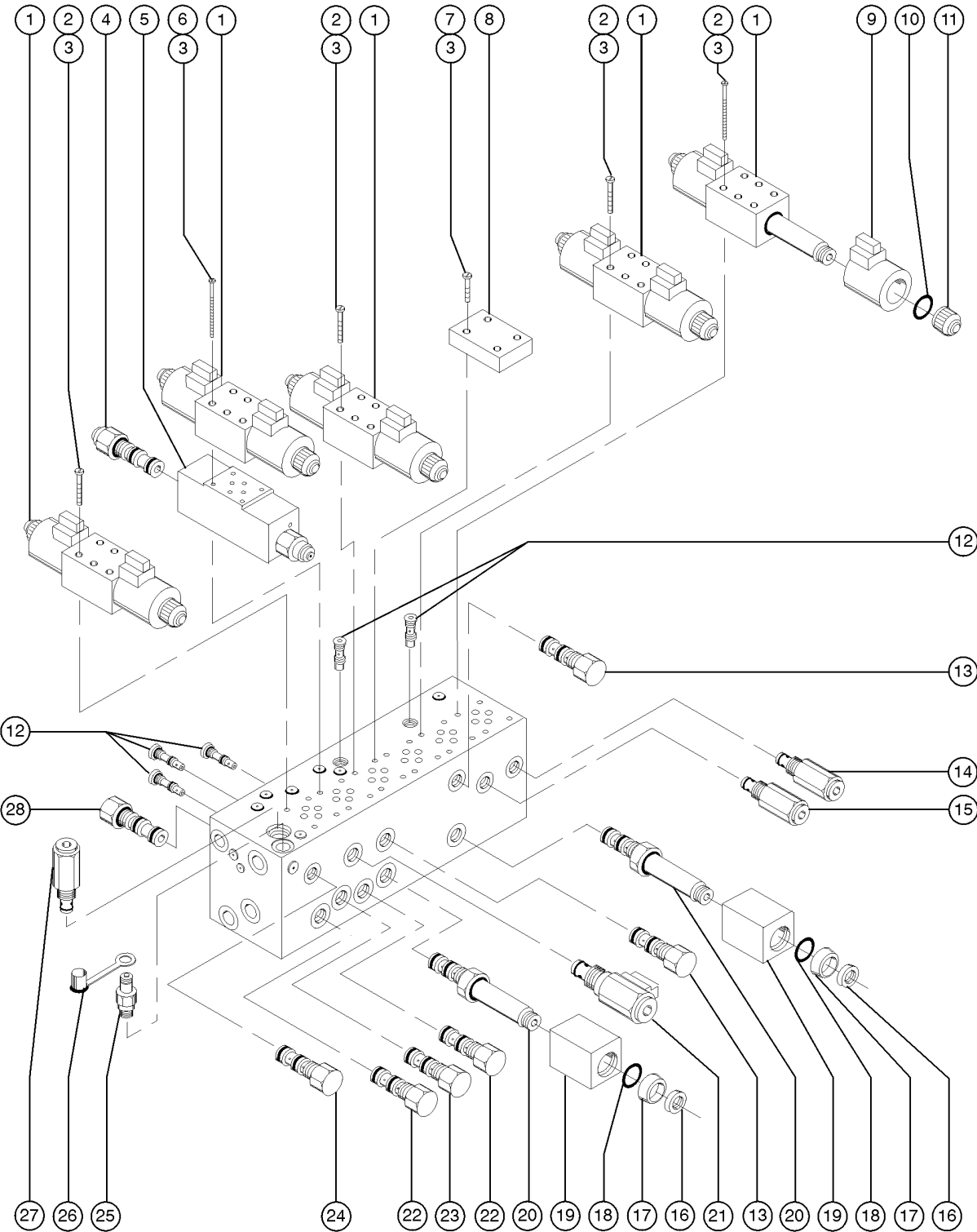
Item	Part No.	Description	Qty.
		MANIFOLD,FUNCTN S40,S60,S80 does not include index numbers 25, 26 and 28; to SN 1062	
	146171GT	MANIFOLD, FUNCTION,S60,S80 from SN 1063	
	25375GT	KIT, O-RING	
	33994GT	PLUG AND CAP KIT-SERVICE,37?***	
1	146165GT	VALVE KIT,D03 includes 2 each index numbers 9, 10 and 11. seal kit is 65879	5
1-	48648GT	O-RING, D03 COIL	
2	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	20
3	6607GT	WASHER,LOCK,#10 PLTD	4
4	31262GT	VALVE,COUNTERBALANCE	2
4-	110202GT	SEAL KIT, VALVE, #10	
5	31261GT	VALVE,COUNTERBALANCE SANDWICH includes index number 4	1
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	223763GT	COIL WITH DE CONNECTOR use connector from old coil when replacing.	12
10	45914GT	O-RING, DO1 VALVE	12
11	33568GT	NUT, CP521-1 VALVE	12
12	27807GT	VALVE,CHECK***	5
12	110200GT	SEAL KIT, VALVE, #4	
13	27802GT	VALVE,DIFFERENTIAL SENSING***	2
13-	110197GT	SEAL KIT, VALVE, #10	
14	33998GT	VALVE,RELIEF***	1
14-	74902GT	SEAL KIT, VALVE	
15	48415GT	VALVE,RELIEF	1
15-	74902GT	SEAL KIT, VALVE	
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, S-60



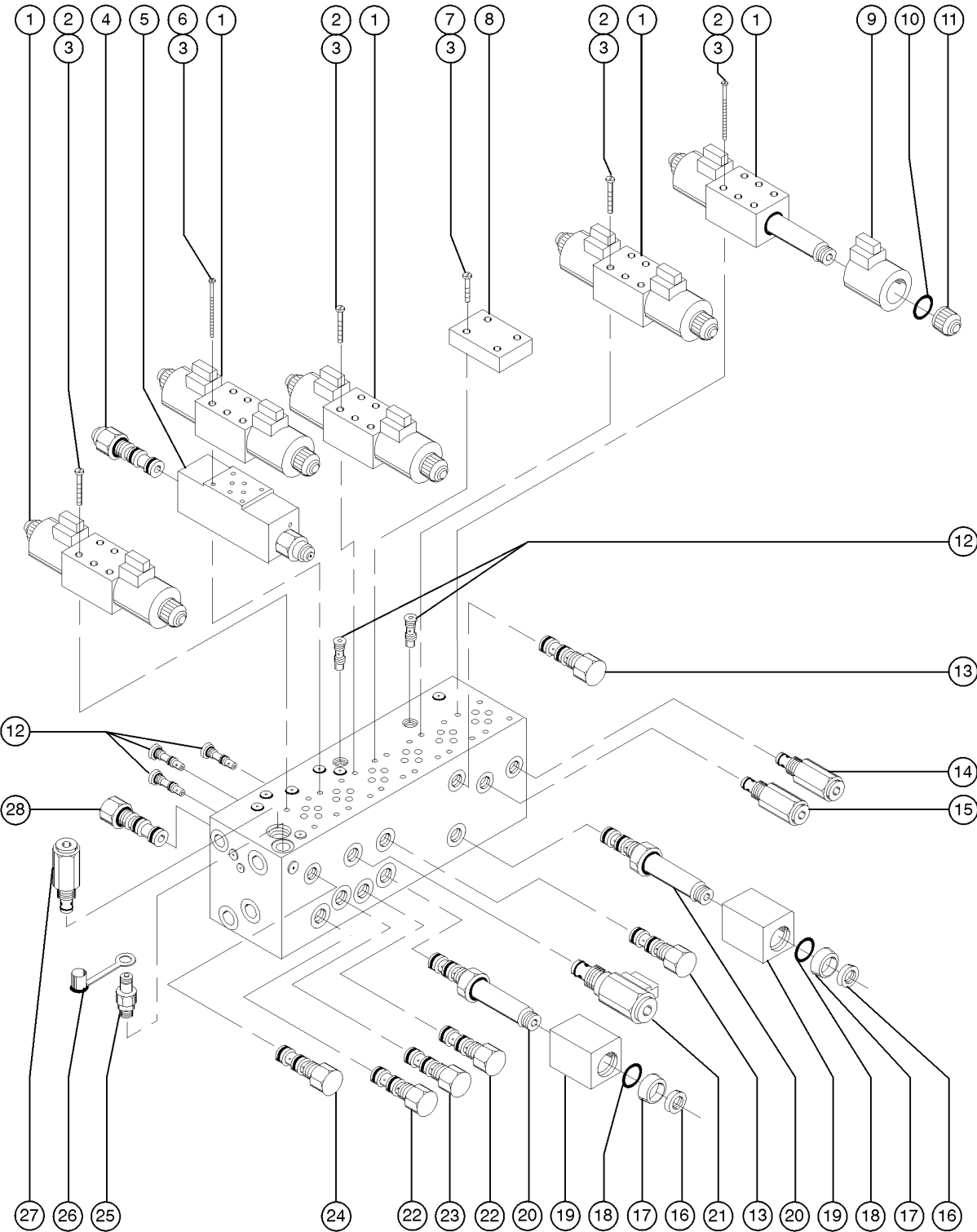
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
19	21935GT	COIL, 12V, 19972/21623/29069	2
20	27801GT	VALVE,PROPORTIONAL SOLENOID*** includes 1 each index numbers 16 through 19	2
20-	89310GT	SEAL KIT, SOLENOID VALVE	
21	27803GT	VALVE,SOLENOID	1
21-	27814GT	COIL,SOLENOID,10V	1
21-	52943GT	NUT, SOLENOID VALVE COIL	1
21-	74902GT	SEAL KIT, VALVE	
22	31100GT	VALVE,FLOW REGULATOR 0.6GPM	2
22-	74902GT	SEAL KIT, VALVE	
23	27804GT	VALVE,DIFFERENTIAL SENSING***	1
23-	110201GT	SEAL KIT, VALVE, #10	
24	31099GT	VALVE, FLOW REGULATOR	1
24-	74902GT	SEAL KIT, VALVE	
25	48997GT	NIPPLE,DIAGNOSTIC,#4	1
25-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
26	48880GT	CAP,DIAGNOSTIC NIPPLE	1
27A	32663GT	VALVE,RELIEF 2600 PSI S-60 models	1
27A-	110194GT	SEAL KIT, VALVE, #10	
28	34542GT	VALVE,FLOW REGULATOR 5.0 GPM oscillating models	1
28-	30968GT	VALVE,FLOW REGULATOR 2.0 GPM non-oscillating models	1

503.2 Function Manifold, S-65



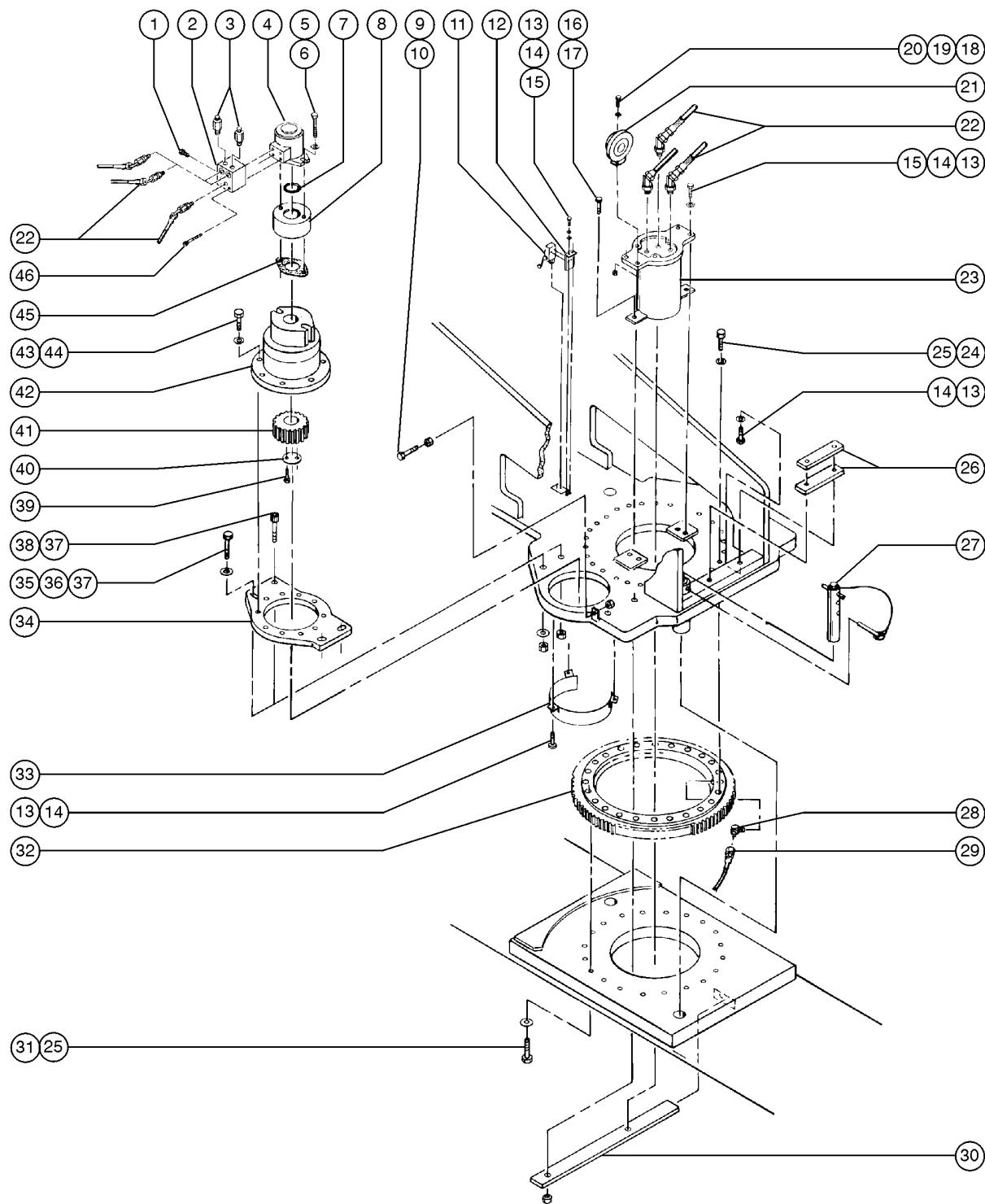
Item	Part No.	Description	Qty.
		MANIFOLD,FUNCTN S40,S60,S80 does not include index numbers 25, 26 and 28; to SN 1062	
	146171GT	MANIFOLD, FUNCTION,S60,S80 from SN 1063	
	25375GT	KIT, O-RING	
	33994GT	PLUG AND CAP KIT-SERVICE,37?*	
1	146165GT	VALVE KIT,D03 includes 2 each index numbers 9, 10 and 11, seal kit is 65879	5
1-	48648GT	O-RING, D03 COIL	
2	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	20
3	6607GT	WASHER,LOCK,#10 PLTD	4
4	31262GT	VALVE,COUNTERBALANCE	2
4-	110202GT	SEAL KIT, VALVE, #10	
5	31261GT	VALVE,COUNTERBALANCE SANDWICH includes index number 4	1
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	223763GT	COIL WITH DE CONNECTOR use connector from old coil when replacing	12
10	45914GT	O-RING, DO1 VALVE	12
11	33568GT	NUT, CP521-1 VALVE	12
12	27807GT	VALVE,CHECK***	5
12-	110200GT	SEAL KIT, VALVE, #4	
13	27802GT	VALVE,DIFFERENTIAL SENSING***	2
13-	110197GT	SEAL KIT, VALVE, #10	
14	33998GT	VALVE,RELIEF***	1
14-	74902GT	SEAL KIT, VALVE	
15	48415GT	VALVE,RELIEF	1
15-	74902GT	SEAL KIT, VALVE	
16	45921GT	RETAINER-N.C.PROPOR.SOLENOID	2
17	45921GT	RETAINER-N.C.PROPOR.SOLENOID	2
18	45914GT	O-RING, DO1 VALVE	2

503.2 Function Manifold, S-65



<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 through 19	2
20-	89310GT	SEAL KIT, SOLENOID VALVE	
21	27803GT	VALVE,SOLENOID	1
21-	27814GT	COIL,SOLENOID,10V	1
21-	52943GT	NUT, SOLENOID VALVE COIL	1
21-	74902GT	SEAL KIT, VALVE	
22	31100GT	VALVE,FLOW REGULATOR 0.6GPM	2
22-	74902GT	SEAL KIT, VALVE	
23	27804GT	VALVE,DIFFERENTIAL SENSING***	1
23-	110201GT	SEAL KIT, VALVE, #10	
24	31099GT	VALVE, FLOW REGULATOR	1
24-	74902GT	SEAL KIT, VALVE	
25	48997GT	NIPPLE,DIAGNOSTIC,#4	1
25-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
26	48880GT	CAP,DIAGNOSTIC NIPPLE	1
27	35000GT	VALVE,RELIEF 2900 PSI*** S-65 models	1
27B-	110194GT	SEAL KIT, VALVE, #10	
28	34542GT	VALVE,FLOW REGULATOR 5.0 GPM oscillating models	1
28-	30968GT	VALVE,FLOW REGULATOR 2.0 GPM non-oscillating models	1

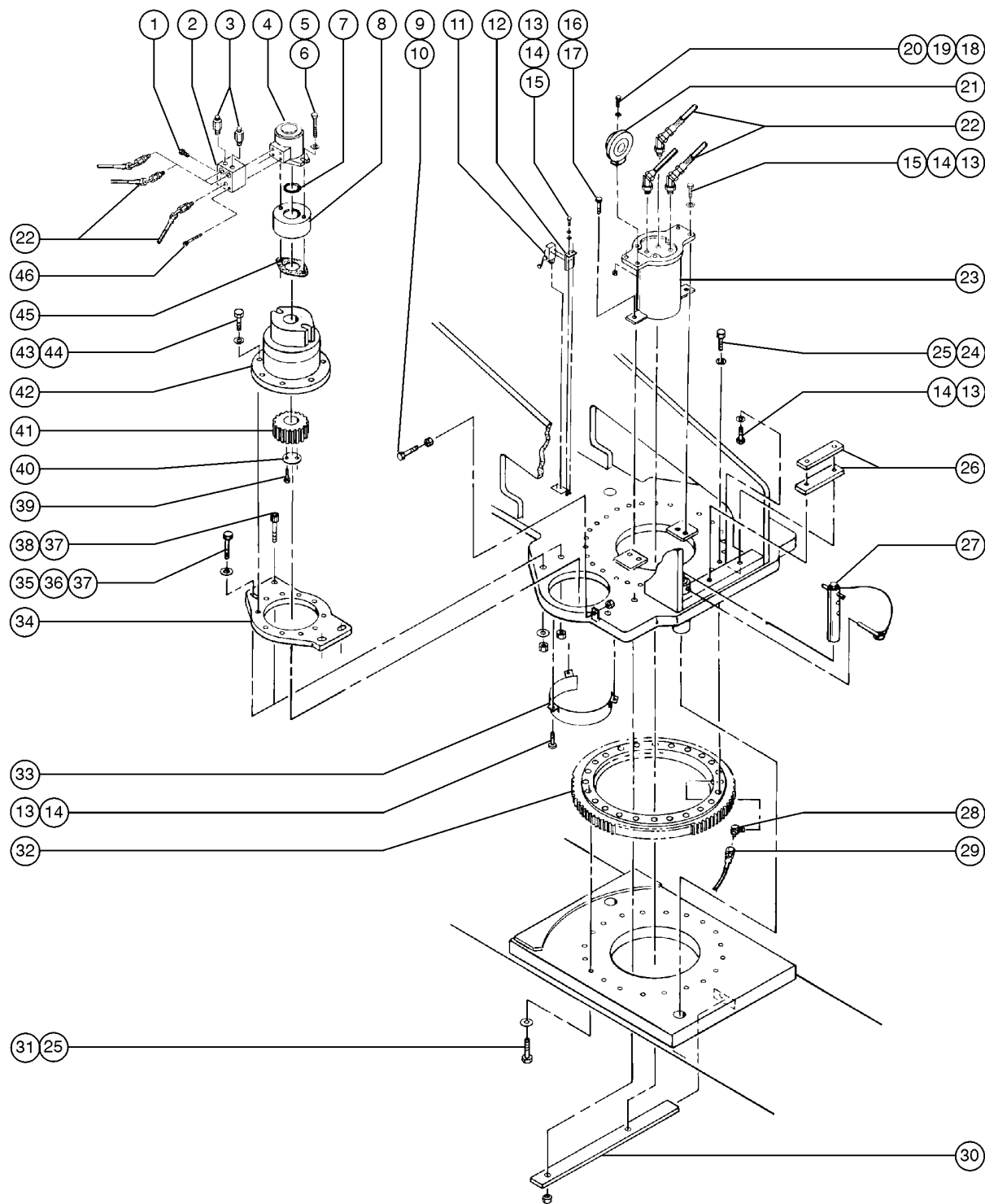
504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation



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)***	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	52087GT	O-RING,2-044 BUNA***	1
8	81331GT	BRAKE,900 IN*LB includes index numbers 7 and 45	1
8-	65618GT	SEAL KIT,BRAKE*** for brake 81331	
8-	29291GT	SEAL KIT,MICO for brake 29422P	1
8-	29292GT	BRAKE,LINING KIT,MICO for brake 29422P	1
8-	29293GT	BEARING KIT,MICO for brake 29422P	1
9	5224GT	SCREW,HHC,3/8-16 X 2	1
10	4828GT	NUT, NYLOCK, 3/8-16	2
11	34961GT	SWITCH,LIMIT,W/ROLLER ARM	1
11-	19491GT	CONTACTOR,LIMIT SWITCH	1
11-	27643GT	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

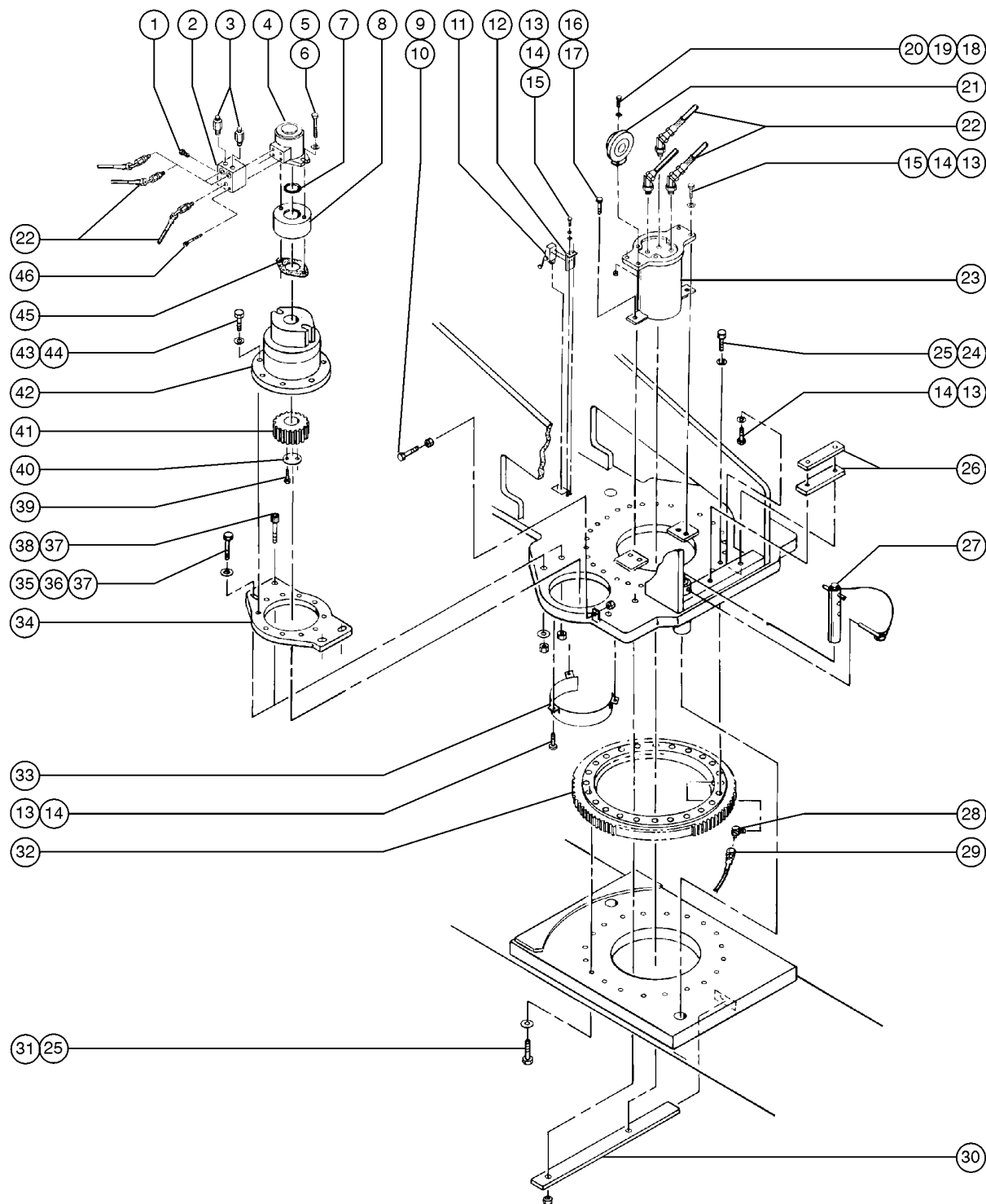
504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation



504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation

Item	Part No.	Description	Qty.
21	56264GT	HORN,12V SCREW TERMINAL***	1
22		Ref. Hydraulic Hoses & Fittings	1
		refer to section 509.1	
23	44368GT	HYDRAULIC SWIVEL,9 PORT,S80***	1
		44368 no longer available; for replacement order 1293481, below.	
23-	44612GT	SEAL KIT,SWIVEL (44368)***	
		for swivel 44368 (with stamp 800191B on bottom of rotator)	
23-	37405GT	SEAL KIT,HYD SWIVEL (37402)***	
		for swivel 37402 (with stamp 800172B on bottom of rotator)	
23-	33470GT	SEAL KIT,HYD ROTARY COUPLER	
		for swivel 34203 (with stamp 800145B on bottom of rotator)	
23B	1293481GT	SWIVEL,HYDRAULIC,9PORT,S80,LDI	
23B-	1293485GT	SEAL KIT,SWIVEL,HYD (1293481)	
		for 1293481	
24	45495GT	SCREW,SHC,5/8-11 X 3.00,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	20654GT	SCREW,SHC,5/8-11 X 3.50,A574	18
32	30895GT	BEARING,TURNTABLE	1
33	73862PGT	FORMING,PINION GUARD,PAINTED	1
34	34762-SGT	BACKLASH ADJUSTMENT PLATE S60	1
35	34347GT	SCREW,HHC,3/4-10 X 4.5	3
36	33278GT	WASHER, FLAT, .75 HARDENED	3
37	77051GT	NUT,NYLOCK,3/4-10,GRD.8	4
38	34710GT	SCREW,SHS,5/8-11 X 3	1
39	6175GT	SCREW,HHC,3/8-16 X 1	2
40	34766GT	RETAINER PLATE,PINION GEAR***	1
41	34606GT	PINION GEAR (SET)	1
42	34761GT	TORQUE HUB,36:1***	1

504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation

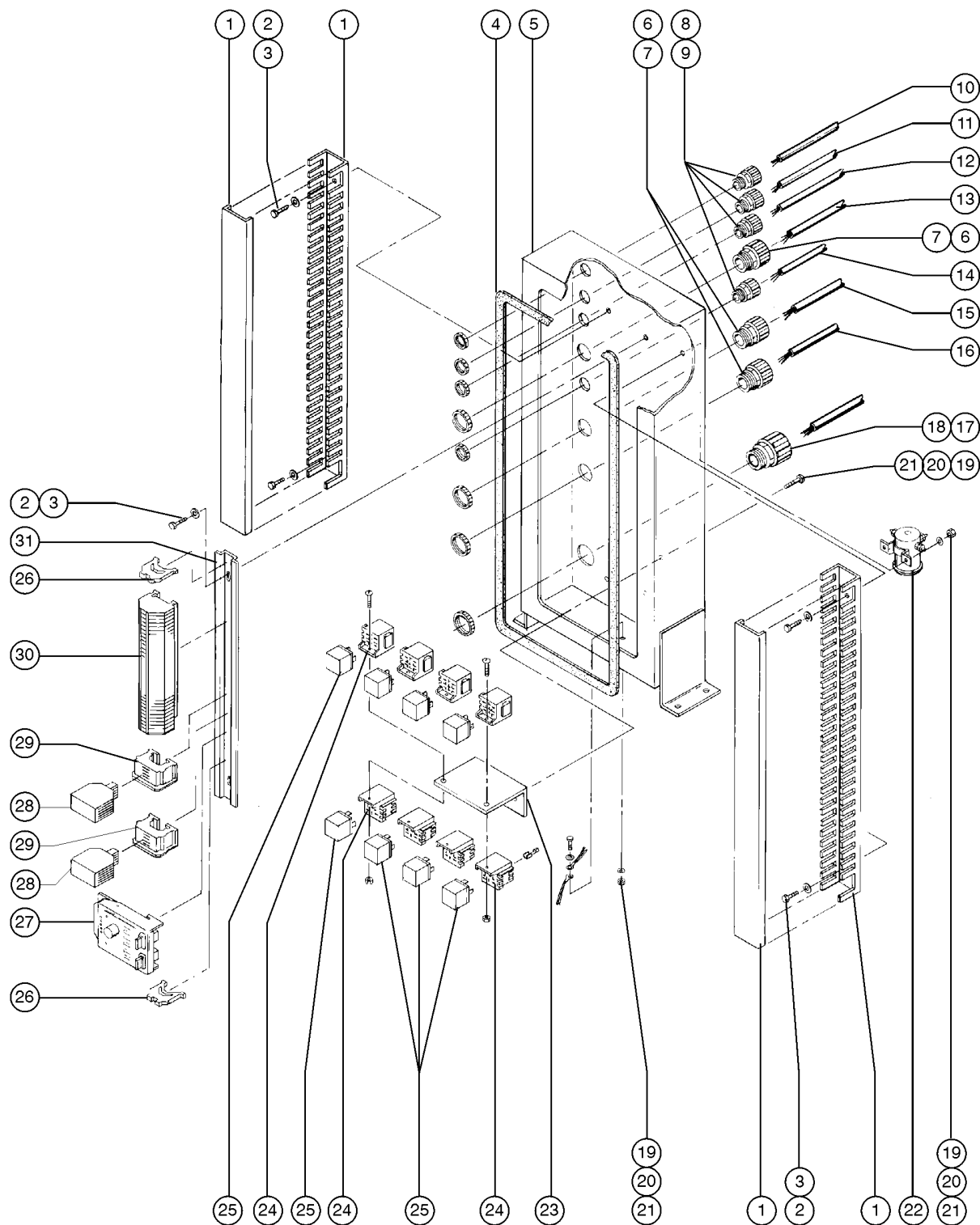


504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation

Item	Part No.	Description	Qty.
42	29290GT	SEAL KIT,FAIRFIELD (S1A2)***	1
43	22788GT	SCREW,HHC,1/2-13 X 1.75	10
44	6033GT	WASHER,LOCK,0.5"	10
45	19794GT	GASKET,BRAKE ASSY	1
46		Ref. Screw - SHC, 5/16 -18 x 3 inches	4

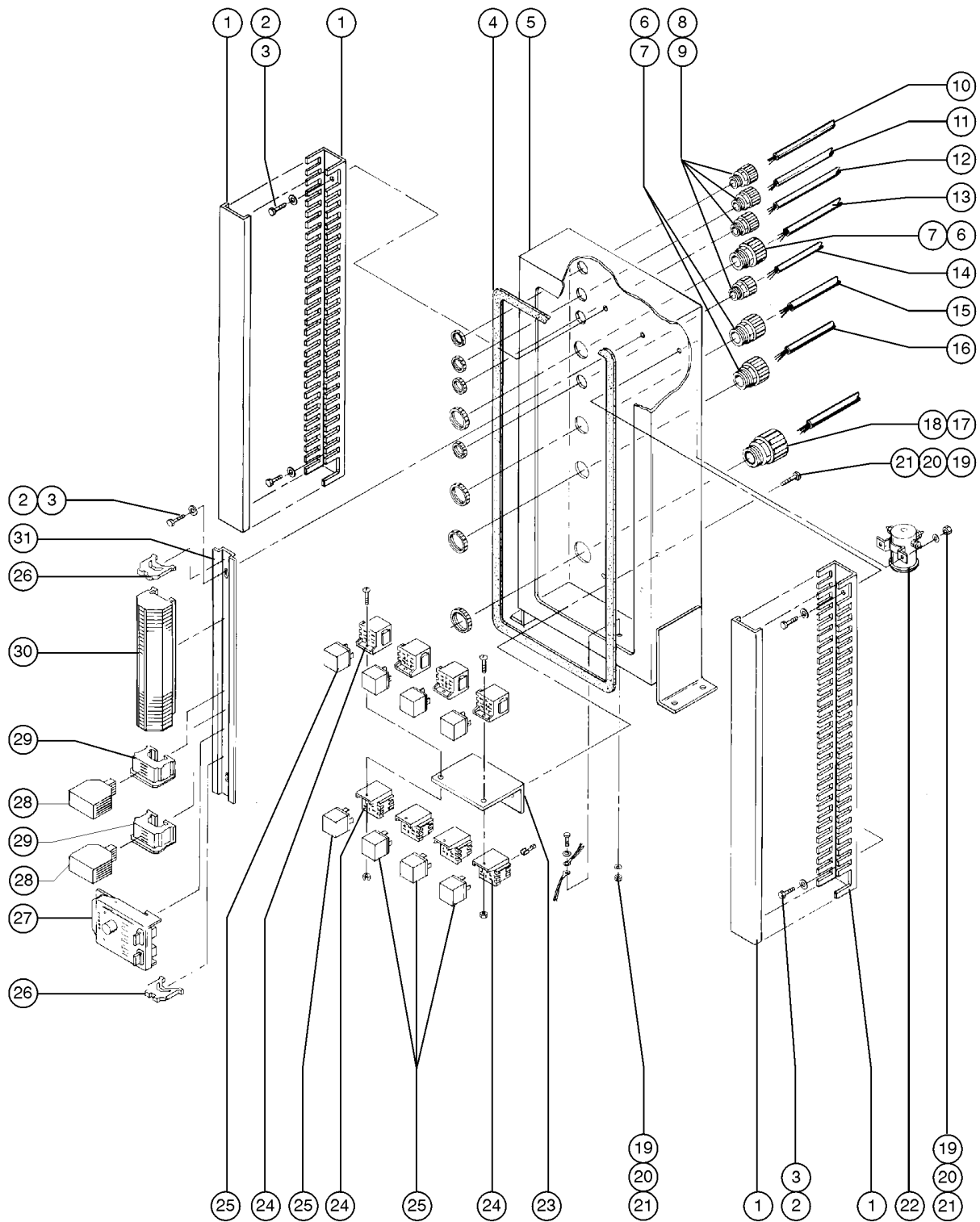


505.1 Ground Controls - View 1



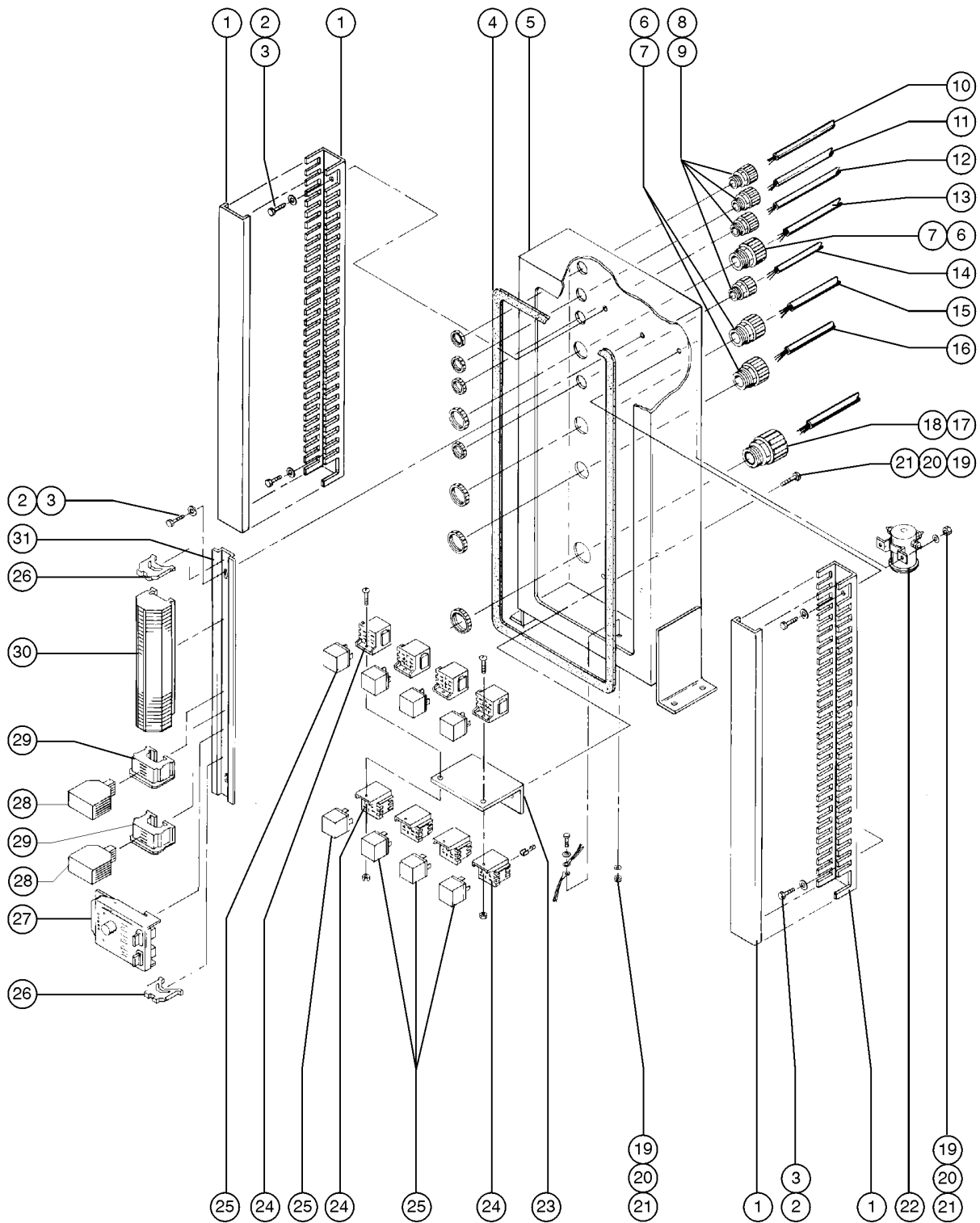
Item	Part No.	Description	Qty.
	33996GT	SCREWDRIVER,TERMINAL BLOCK	
1	29607GT	WIRING DUCT/COVER, 1 X 72 IN**	46 in ch es
2	6090GT	SCREW, HHC, 1/4-20 X .75	7
3	6356GT	WASHER,LOCK,.25	6
4	121599GT	GASKET,GBOX,S80/85 2008 replaced 30782	1
5	33472GT	CONTROL BOX W/ DECAL,GROUND includes index number 4	1
6	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	3
7	14041GT	LOCKNUT,ELECTRIC,3/4"	3
8	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	4
9	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	4
10	6562GT	WIRE CABLE,16/4 SJO,BULK	270 in ch es
11	6562GT	WIRE CABLE,16/4 SJO,BULK	270 in ch es
12	6562GT	WIRE CABLE,16/4 SJO,BULK	95 in ch es
13	35934GT	WIRE CABLE,18/19 CON.TPRJKT S-60	960 in ch es
14	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL S-60	960 in ch es
15	35934GT	WIRE CABLE,18/19 CON.TPRJKT S-60	960 in ch es
16	35934GT	WIRE CABLE,18/19 CON.TPRJKT	68 in ch es
17	20776GT	CABLE SQUEEZE CONN	1
18	18665GT	LOCKNUT,ELECTRIC,1" NPT	1
19	6888GT	SCREW, HHC, 1/4-20 X 1	5
20	6638GT	WASHER, FLAT, USS, 1/4"Y	5
21	6091GT	NUT,NYLOCK,1/4-20	5
22	27155GT	SOLENOID,12V CONTINUOUS***	1

505.1 Ground Controls - View 1



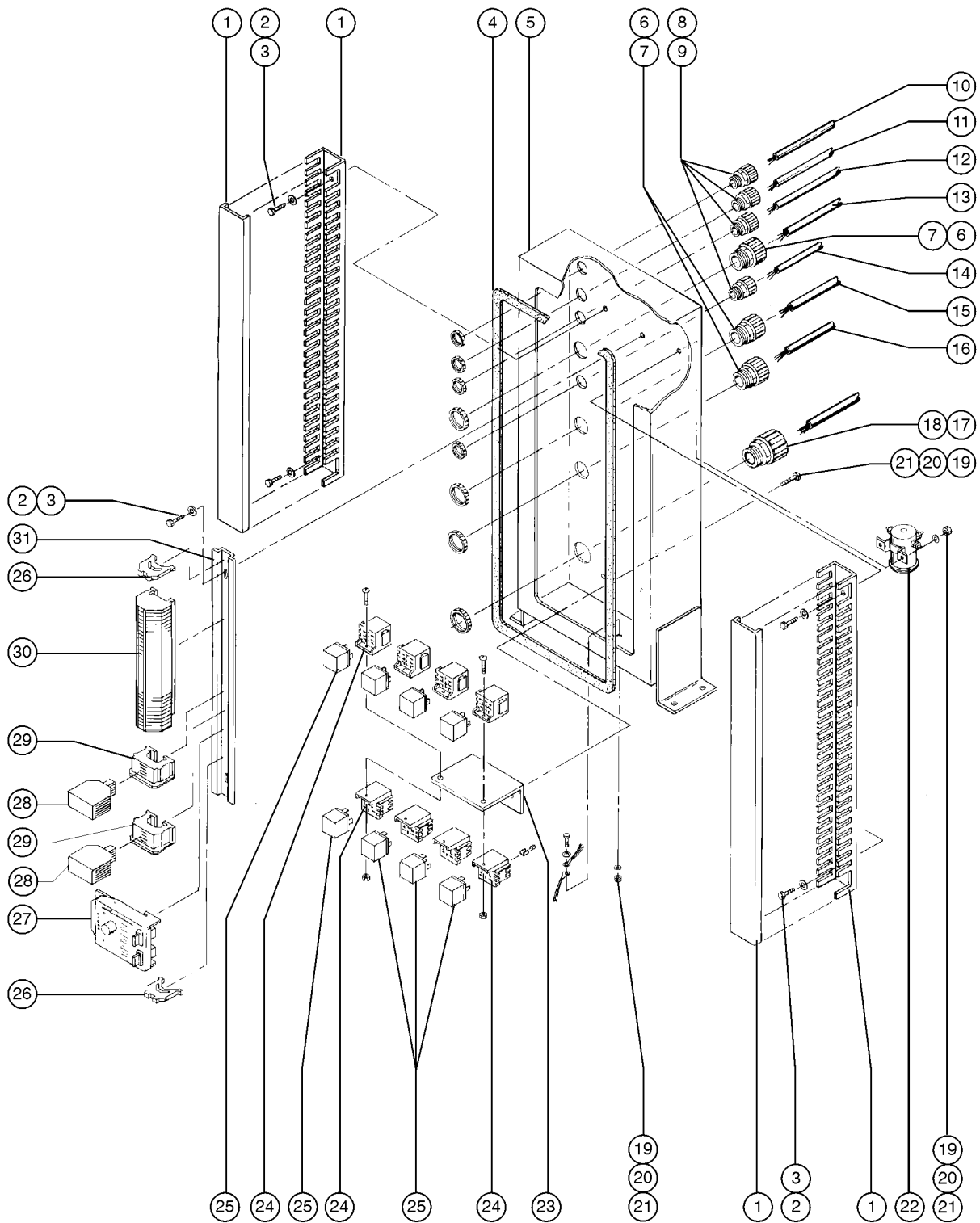
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23	34057GT	ANGLE,RELAY MOUNTING	1
24	34053GT	ASSY,RELAY SOCKET, AUTO Gasoline/LPG models; terminals not included	8
24-	34053GT	ASSY,RELAY SOCKET, AUTO Deutz Diesel models; terminals not included	5
24-	34054GT	TERM,RELAY N-INSULATED 10-12 G	5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

505.2 Ground Controls - View 1, S-65



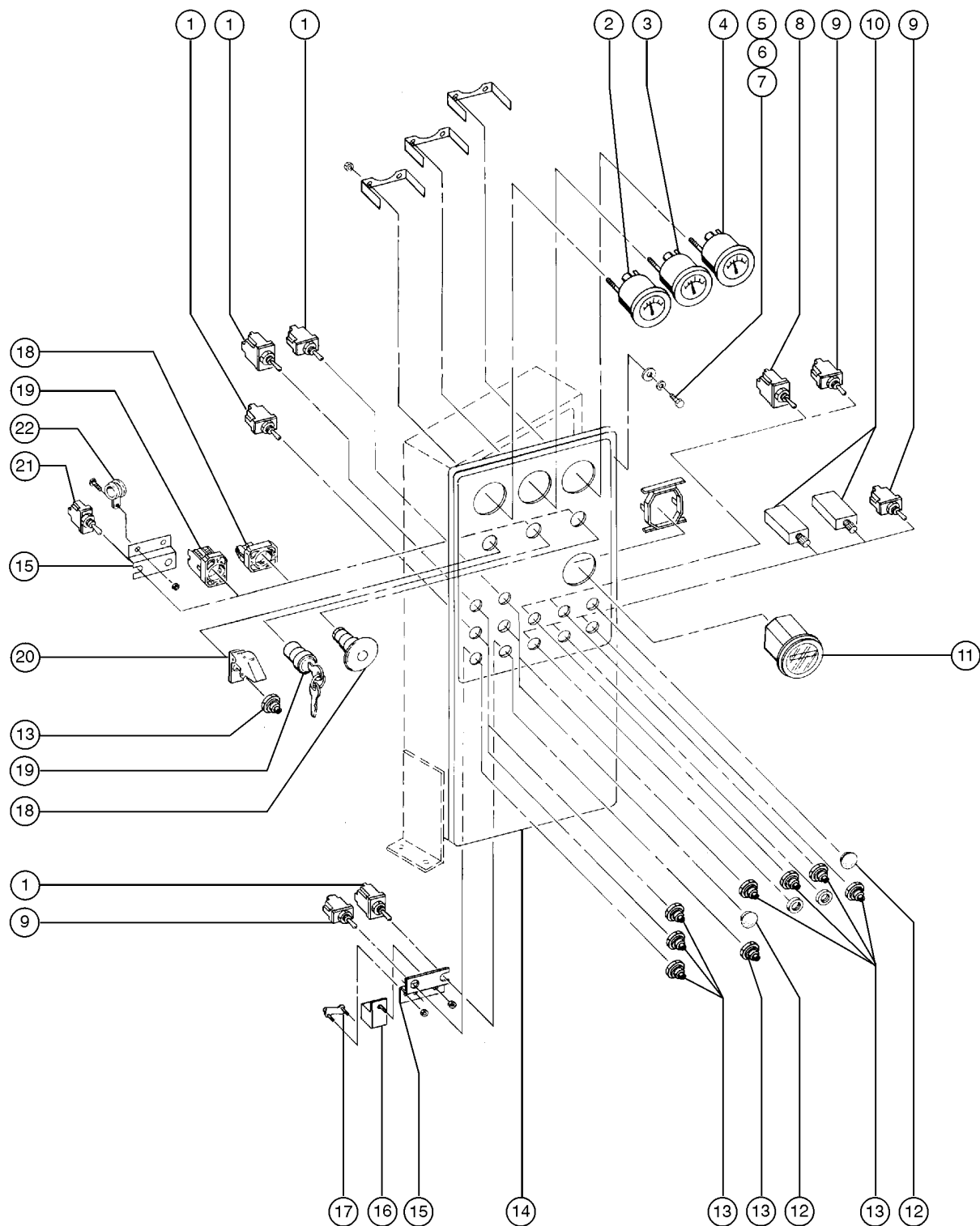
Item	Part No.	Description	Qty.
	33996GT	SCREWDRIVER,TERMINAL BLOCK	
1	29607GT	WIRING DUCT/COVER, 1 X 72 IN**	46
2	6090GT	SCREW, HHC, 1/4-20 X .75	7
3	6356GT	WASHER,LOCK,.25	6
4	121599GT	GASKET,GBOX,S80/85 2008	1
		replaced 30782	
5	33472GT	CONTROL BOX W/ DECAL,GROUND	1
		includes index number 4	
6	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	3
7	14041GT	LOCKNUT,ELECTRIC,3/4"	3
8	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	4
9	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	4
10	6562GT	WIRE CABLE,16/4 SJO,BULK	270 in ch es
11	6562GT	WIRE CABLE,16/4 SJO,BULK	270 in ch es
12	6562GT	WIRE CABLE,16/4 SJO,BULK	95 in ch es
13B	35934GT	WIRE CABLE,18/19 CON.TPRJKT	12 96 in ch es
		S-65	
14B	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL	12 96 in ch es
		S-65	
15B	35934GT	WIRE CABLE,18/19 CON.TPRJKT	12 96 in ch es
		S-65	
16	35934GT	WIRE CABLE,18/19 CON.TPRJKT	68 in ch es
17	20776GT	CABLE SQUEEZE CONN	1
18	18665GT	LOCKNUT,ELECTRIC,1" NPT	1
19	6888GT	SCREW, HHC, 1/4-20 X 1	5
20	6638GT	WASHER, FLAT, USS, 1/4"Y	5
21	6091GT	NUT,NYLOCK,1/4-20	5

505.2 Ground Controls - View 1, S-65



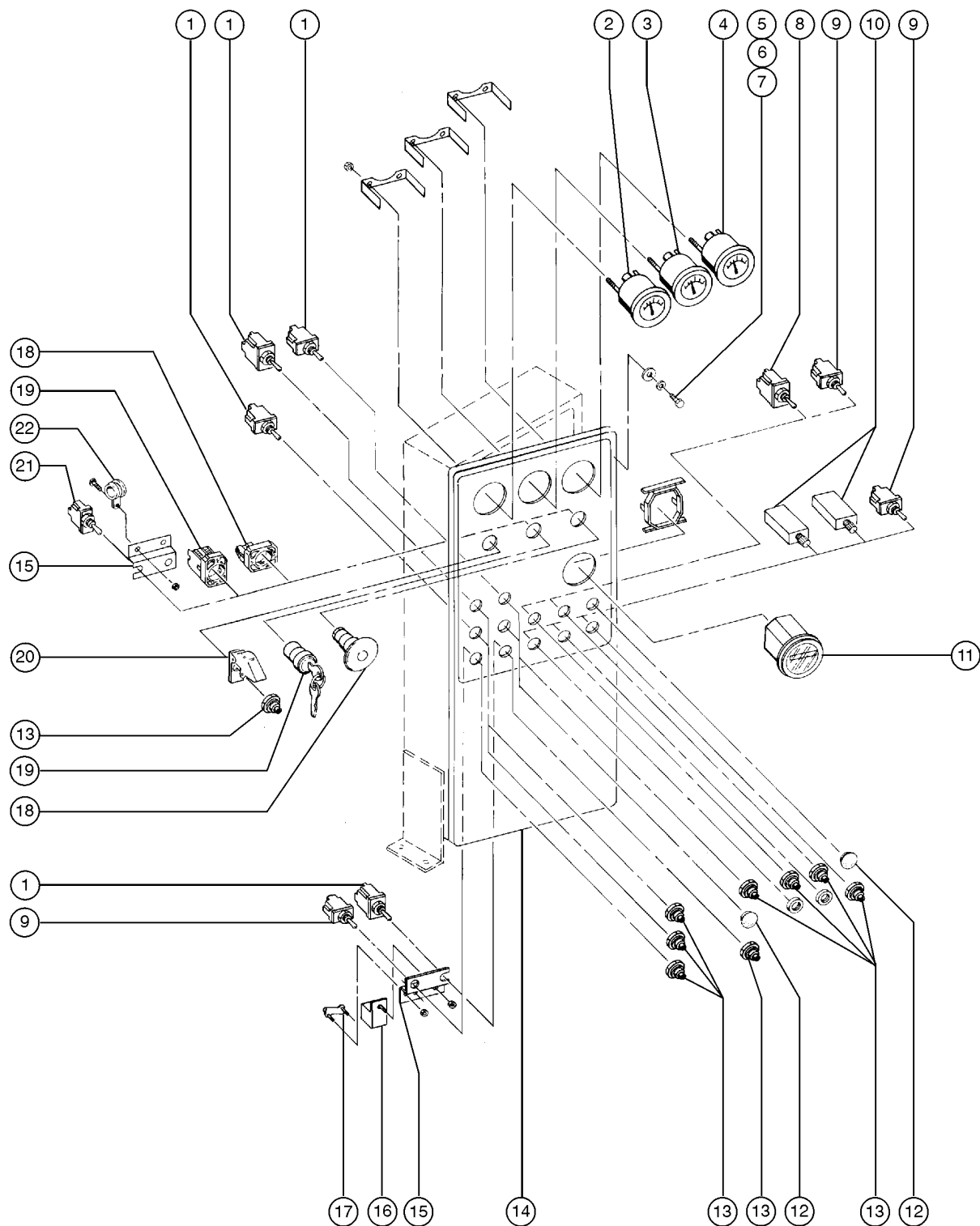
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
22	27155GT	SOLENOID,12V CONTINUOUS***	1
23	34057GT	ANGLE,RELAY MOUNTING	1
24	34053GT	ASSY,RELAY SOCKET, AUTO Gasoline/LPG models; terminals not included	8
24-	34053GT	ASSY,RELAY SOCKET, AUTO Deutz Diesel models; terminals not included	5
24-	34054GT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

506.1 Ground Controls - View 2



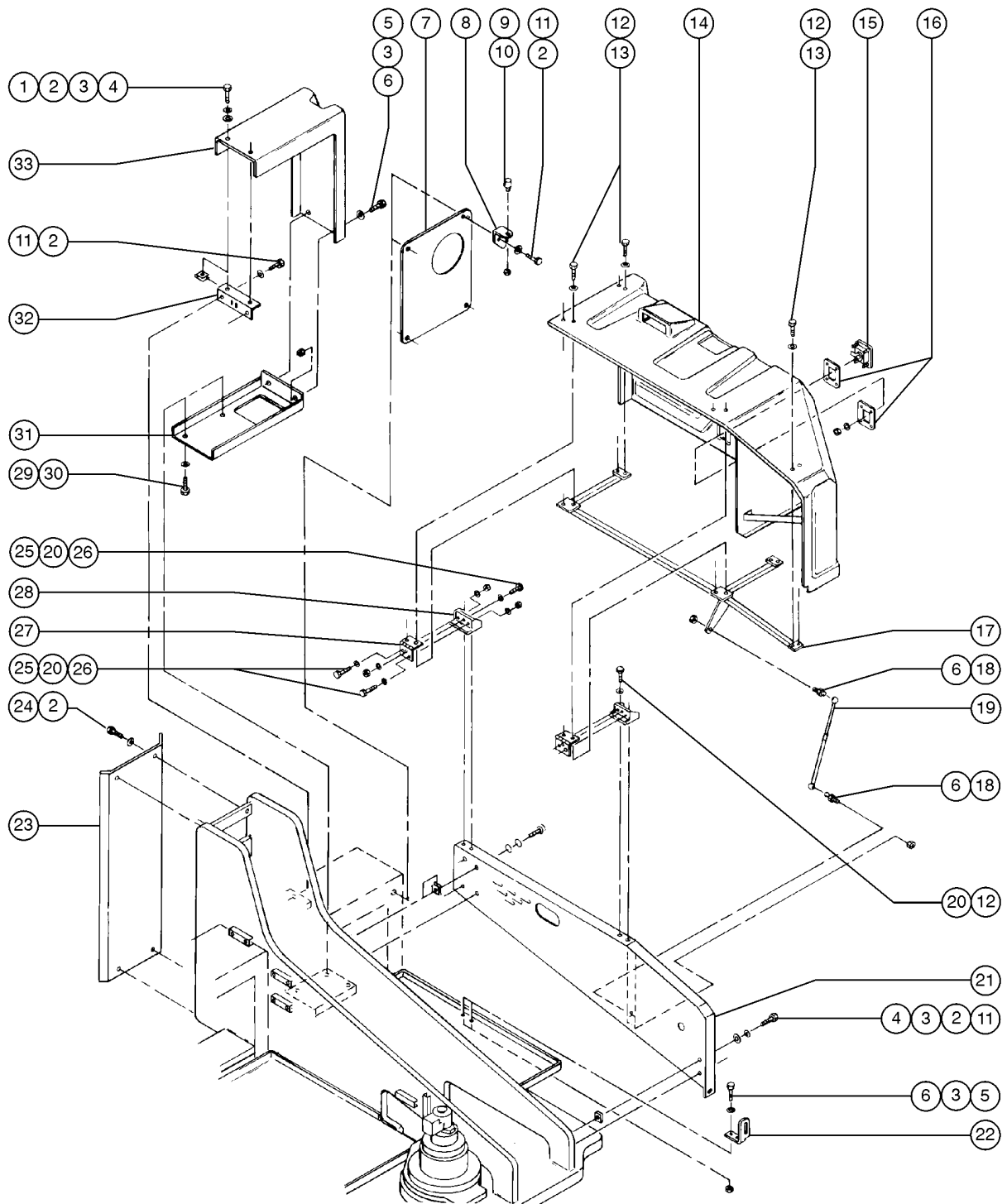
Item	Part No.	Description	Qty.
1	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN includes mounting fasteners	4
2	53759-SGT	GAUGE,WATER TEMP includes mounting bracket	1
3	53758-SGT	GAUGE,OIL PRESSURE W/O SENDER includes mounting bracket	1
4	53761-SGT	GAUGE,VOLTAGE includes mounting bracket	1
5	6090GT	SCREW, HHC, 1/4-20 X .75	3
6	6356GT	WASHER,LOCK,.25	3
7	6638GT	WASHER, FLAT, USS, 1/4"Y	3
8	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT* includes mounting fasteners	1
9	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* 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	45384GT	PLUG,NYLON .50 BLACK DOMED	2
13	27246GT	BOOT,TOGGLE SWITCH,SHORT*	9
14	33472GT	CONTROL BOX W/ DECAL,GROUND	1
14-	121599GT	GASKET,GBOX,S80/85 2008 replaced 30782	1
15	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	2
16	19274GT	RELAY,SPDT,12V(AUTO)**	1
17	45836GT	RESISTOR,15 OHMS,25W	1
18	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
18-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
18-	66821GT	BASE,WITHOUT CONTACTS	1
18-	66818GT	CONTACT,NC	2
19	122512GT	KIT,KEYSWITCH SVC BB & SM BOOM	1
19-	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** includes keyswitch and two keys, not included: base or contacts.	1
19-	21982GT	KEY,SINGLE***	1
19-	66821GT	BASE,WITHOUT CONTACTS	1
19-	66816GT	CONTACT,N.O.***	1
20	13471GT	COVER, AUXILIARY POWER SWITCH	1

506.1 Ground Controls - View 2



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
21	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN includes mounting fasteners	1
22	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1

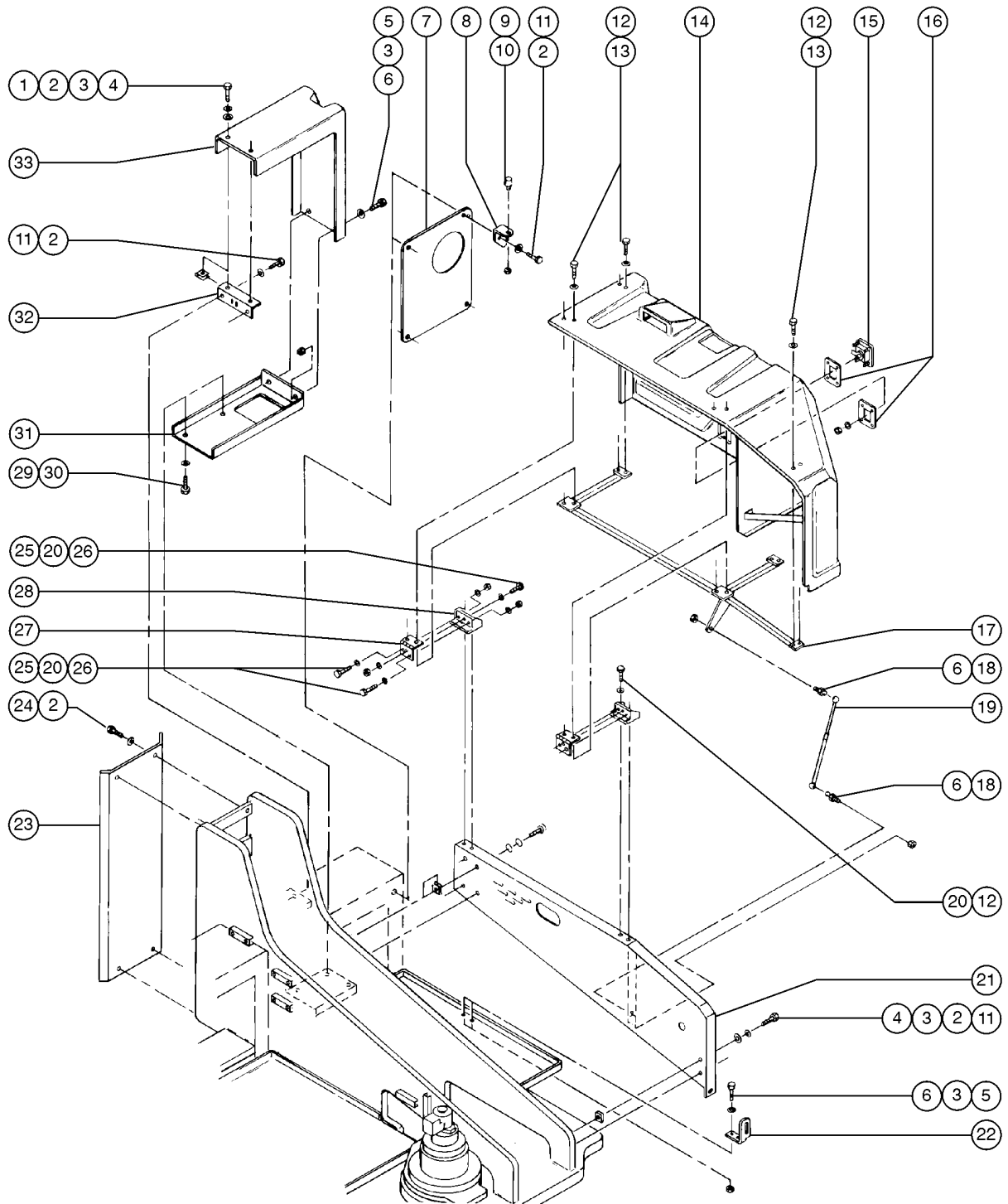
507.1 Turntable Covers - Engine Side, S-60



507.1 Turntable Covers - Engine Side, S-60

Item	Part No.	Description	Qty.
1	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
2	6021GT	WASHER, LOCK, .375	18
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	2
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
19-	72256GT	GAS STRUT, CONNECTOR (28301)	
20	6638GT	WASHER, FLAT, USS, 1/4"Y	16
21	30744GT	COVER SUPPORT WELDMENT RH.	1
22	30277PGT	COVER LATCH ANGLE, PAINTED	1

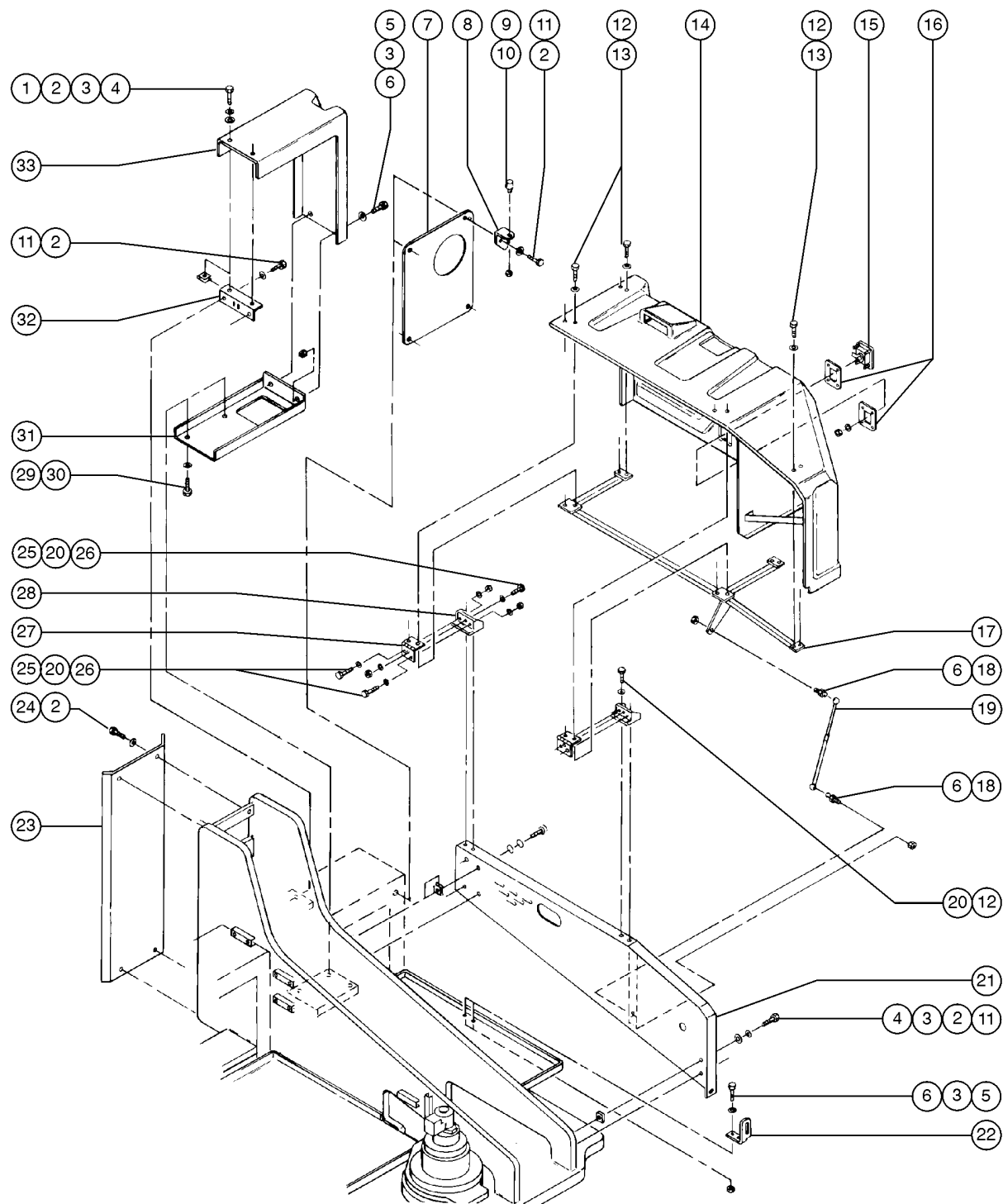
507.1 Turntable Covers - Engine Side, S-60



507.1 Turntable Covers - Engine Side, S-60

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23A	52088GT	COVER-TURNTABLE W/DECALS S60	1
24	8255GT	SCREW,HHC,3/8-16 X .75	6
25	6888GT	SCREW, HHC, 1/4-20 X 1	6
26	6091GT	NUT,NYLOCK,1/4-20	6
27	75073GT	HINGE,,375X.120THK.,SLOTTED	2
28	35949P-SGT	BRACKET,COVER HINGE,BLUE	2
29	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
30	6095GT	WASHER,FLAT,USS,1/2",Y	2
31	34481PGT	COUNTERWEIGHT TRAY,S60 PAINTED	1
32	34482PGT	BRACKET,COVER SUPPORT,S60 PNTD	1
33	34483GT	COVER,COUNTERWEIGHT,S60	1

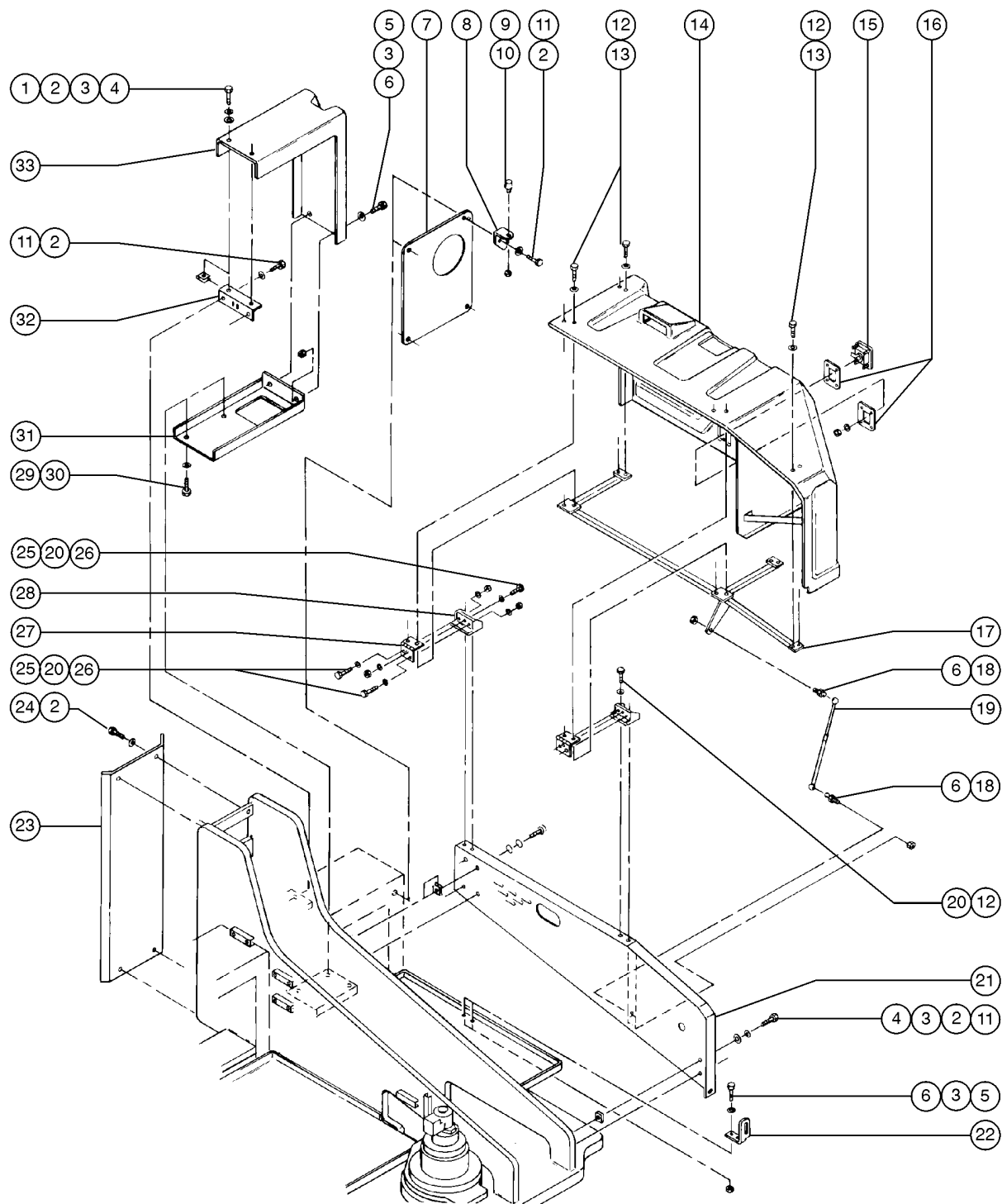
507.2 Turntable Covers - Engine Side, S-65



507.2 Turntable Covers - Engine Side, S-65

Item	Part No.	Description	Qty.
1	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
2	6021GT	WASHER, LOCK, .375	18
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	2
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
19-	72256GT	GAS STRUT, CONNECTOR (28301)	
20	6638GT	WASHER, FLAT, USS, 1/4"Y	16
21	30744GT	COVER SUPPORT WELDMENT RH.	1
22	30277PGT	COVER LATCH ANGLE, PAINTED	1

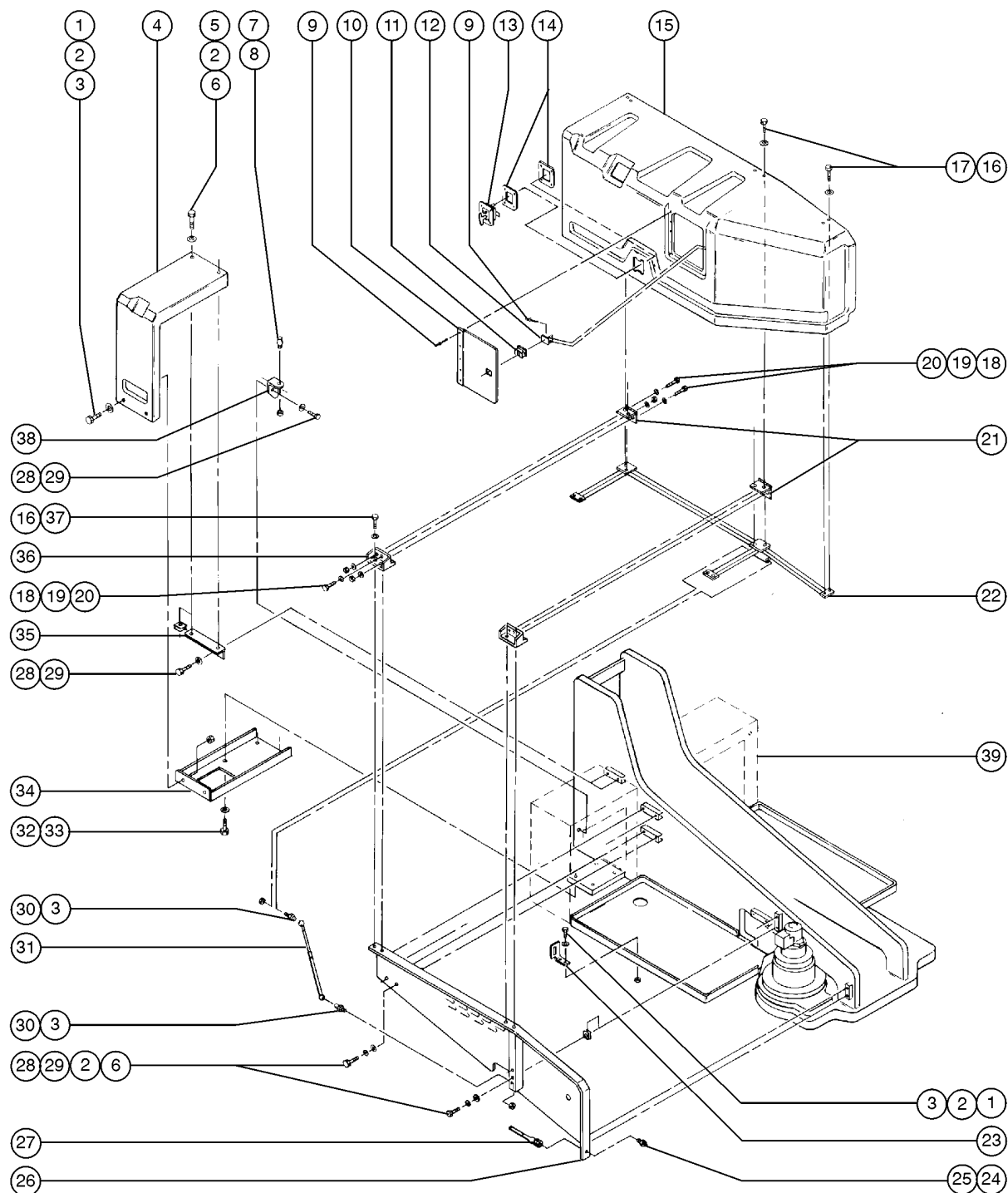
507.2 Turntable Covers - Engine Side, S-65



507.2 Turntable Covers - Engine Side, S-65

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23	52089GT	COVER-TURNTABLE W/DECALS S65	1
24	8255GT	SCREW,HHC,3/8-16 X .75	6
25	6888GT	SCREW, HHC, 1/4-20 X 1	6
26	6091GT	NUT,NYLOCK,1/4-20	6
27	75073GT	HINGE,,375X.120THK.,SLOTTED	2
28	35949P-SGT	BRACKET,COVER HINGE,BLUE	2
29	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
30	6095GT	WASHER,FLAT,USS,1/2",Y	2
31	34481PGT	COUNTERWEIGHT TRAY,S60 PAINTED	1
32	34482PGT	BRACKET,COVER SUPPORT,S60 PNTD	1
33	34483GT	COVER,COUNTERWEIGHT,S60	1

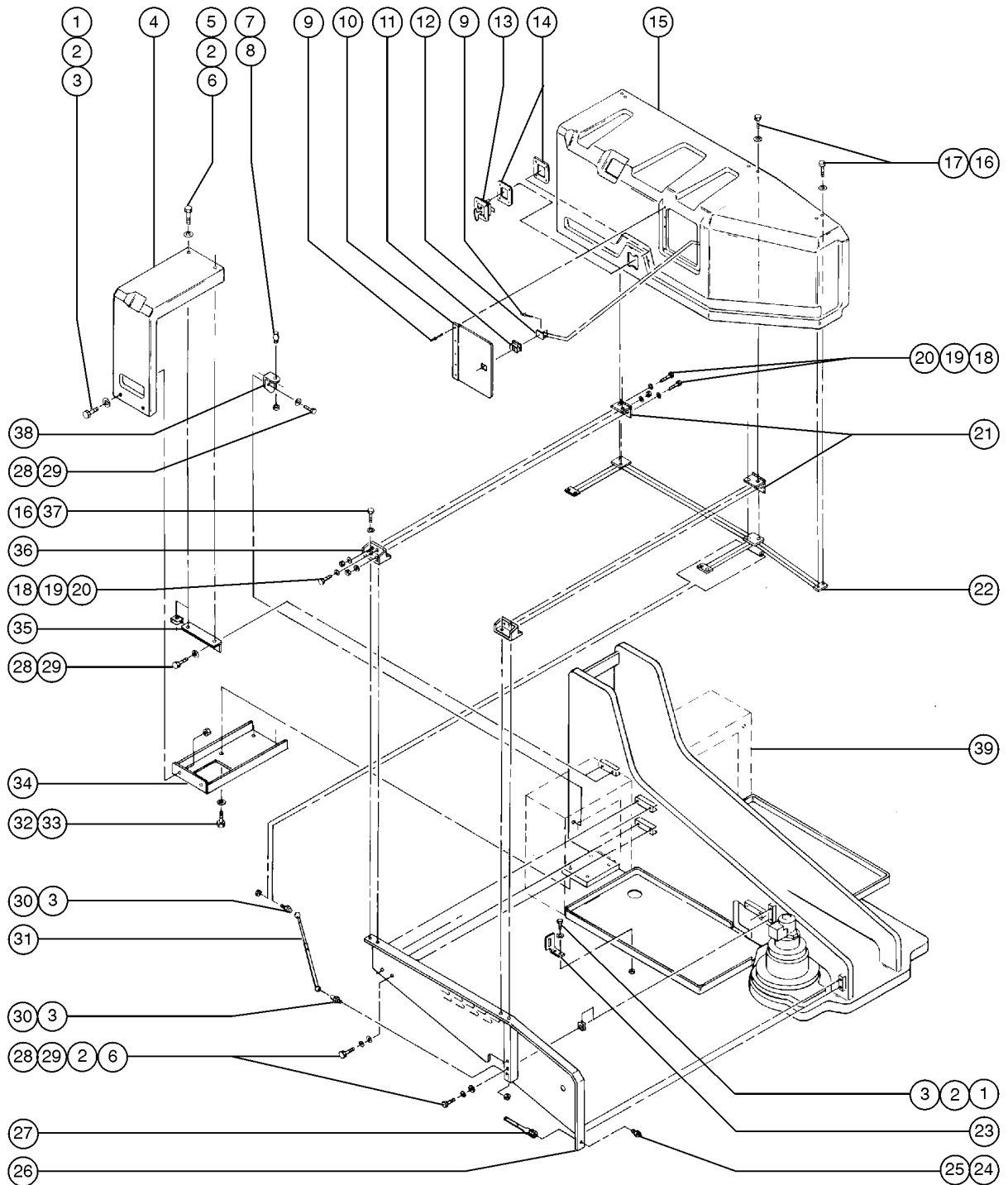
508.1 Turntable Covers - Tank Side



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	34483GT	COVER,COUNTERWEIGHT,S60	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	2
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

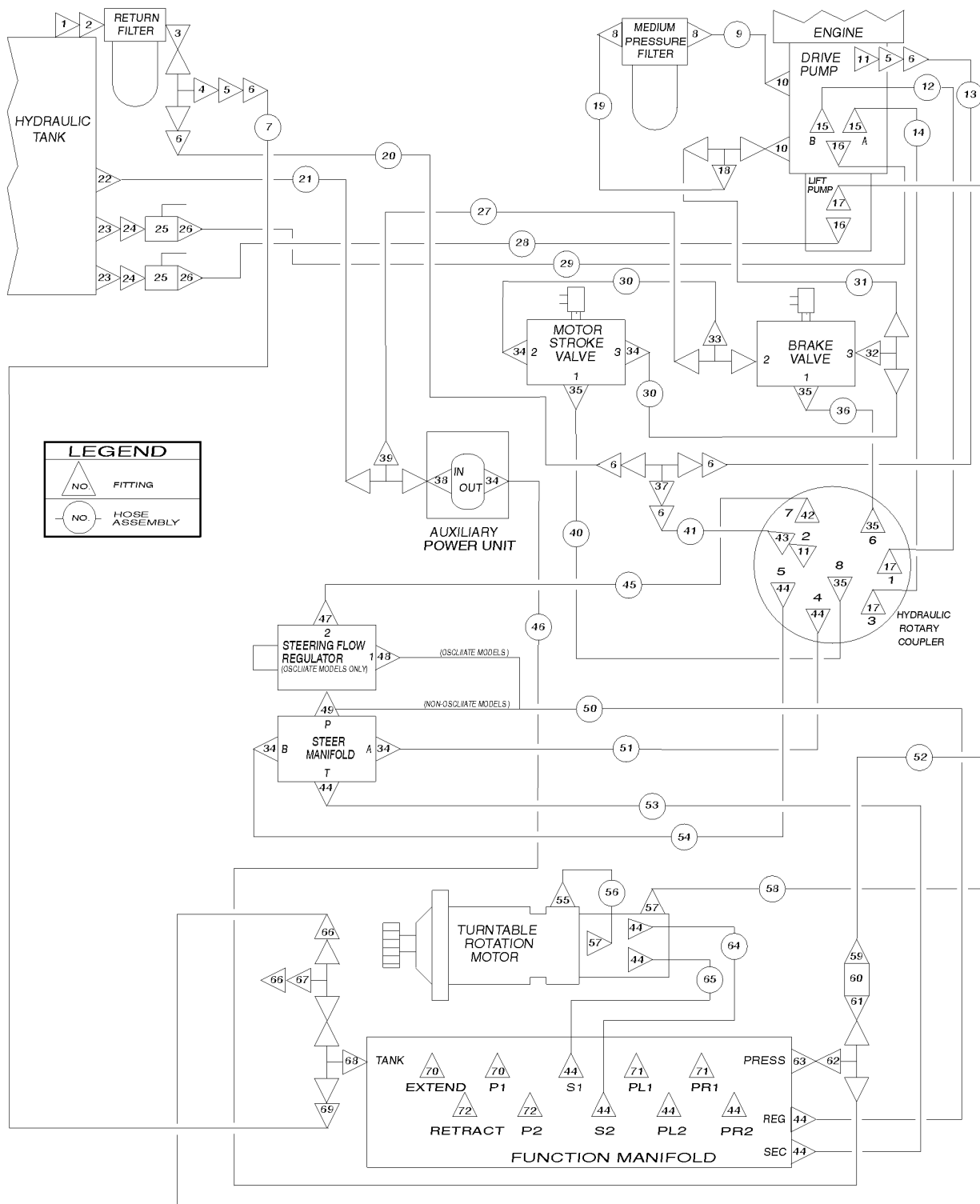
508.1 Turntable Covers - Tank Side



508.1 Turntable Covers - Tank Side

Item	Part No.	Description	Qty.
27	34562GT	HOSE ASSEMBLY, 177"	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
31-	72256GT	GAS STRUT,CONNECTOR (28301)	
32	6096GT	SCREW,HHC,1/2-13 X 2 GR5	4
33	6095GT	WASHER,FLAT,USS,1/2",Y	4
34	34481PGT	COUNTERWEIGHT TRAY,S60 PAINTED	1
35	34482PGT	BRACKET,COVER SUPPORT,S60 PNTD	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
39	30521GT	COUNTERWEIGHT,CAST,400 LBS. *** to SN 1818	1
39-	46768GT	CTWT,CAST,400 LBS,RH from SN 1819	
39-	46769GT	CTWT,CAST,400 LBS,LH from SN 1819	

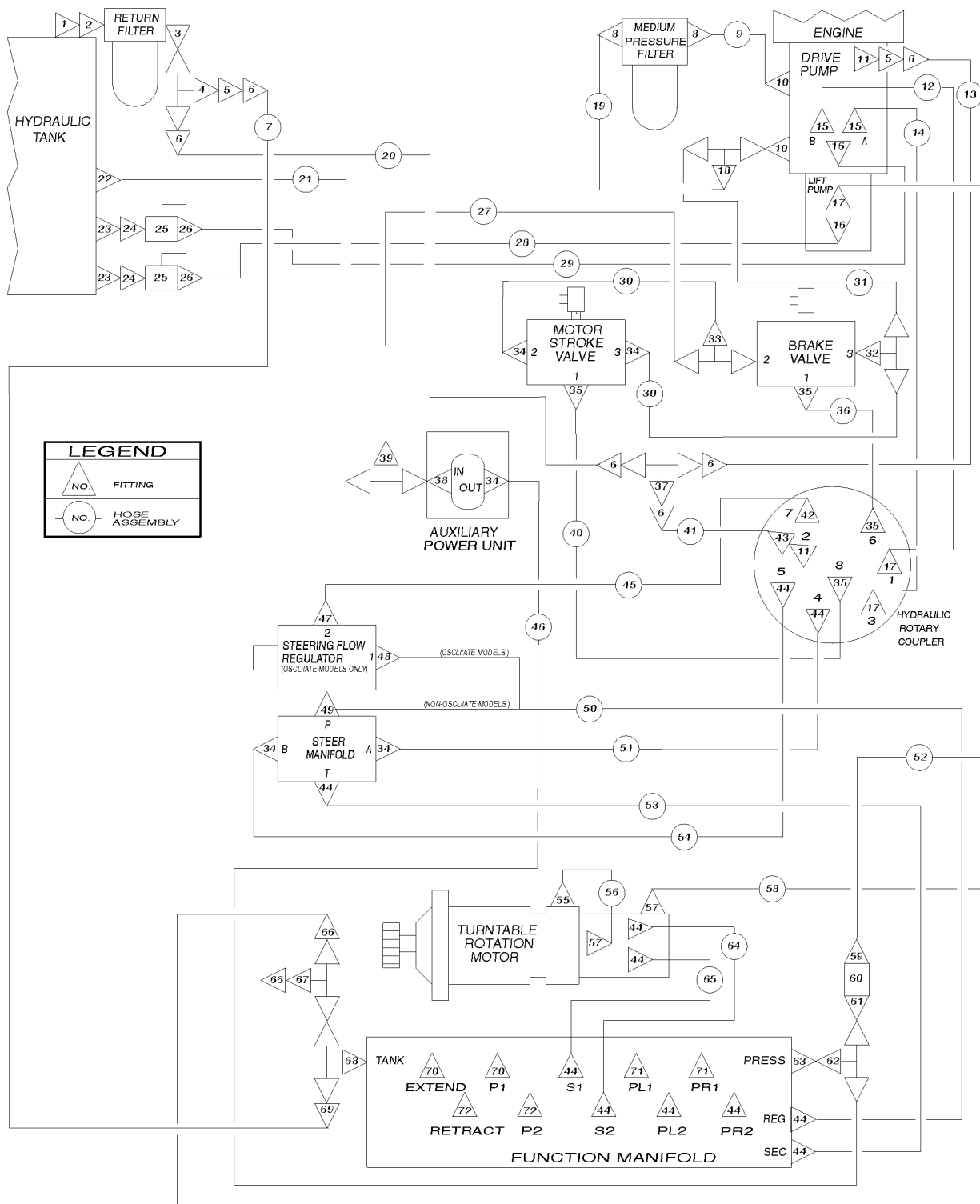
509.1 Hydraulic Hoses and Fittings



509.1 Hydraulic Hoses and Fittings

Item	Part No.	Description	Qty.
	33994GT	PLUG AND CAP KIT-SERVICE,37?***	
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	45170GT	HOSE END,BARBED,SWIVEL,-12-12	6
7	34563GT	HOSE ASSEMBLY, 17" Hose - 3/4" Push On (Weatherhead H20112)	1
8	25951GT	ELBOW,070220-8-12	2
9	30958GT	HOSE ASSEMBLY,32" Hose End - Female JIC Swivel, 8-8 (Synflex 3903-08548), Hose End - Female JIC Swivel, 8-8 (Synflex 3903-08548) & Hose - 1/2" Thermoplastic High Pressure (Synflex 3800-08)	1
10	22665GT	CONNECTOR,070120-8-10	2
11	19687GT	CONNECTOR,070120-12-12	2
12	34592GT	HOSE ASSEMBLY, 40" Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - 90o Female JIC Swivel, 12-12 (Weatherhead 43012E-672) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	1
13	34566GT	HOSE ASSEMBLY, 42" Hose - 3/4" Push On (Weatherhead H20112)	1
14	34593GT	HOSE ASSEMBLY, 43.5" Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - 90o Female JIC Swivel, 12-12 (Weatherhead 43012E-672) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	1
15	30831GT	ELBOW,070320-12-16	2
16	20709GT	CONNECTOR,070120-16-16	2
17	22099GT	ELBOW,070320-12-12	3
18	21252GT	TEE,RUN,070432-8	1
19	30861GT	HOSE ASSEMBLY,36.50" Hose End - Female JIC Swivel, 8-8 (Synflex 3903-08548), Hose End - 90o Female JIC Swivel, 8-8 (Synflex 3903-08648) & Hose - 1/2" Thermoplastic High Pressure (Synflex 3800-08)	1
20	34565GT	HOSE ASSEMBLY, 45" Hose - 3/4" Push On (Weatherhead H20112)	1
21	34559GT	HOSE ASSEMBLY, 24.5" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	1
22	10355GT	CONNECTOR,070102-6-6	1
23	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
24	27191GT	ELBOW,140339-16-16	2

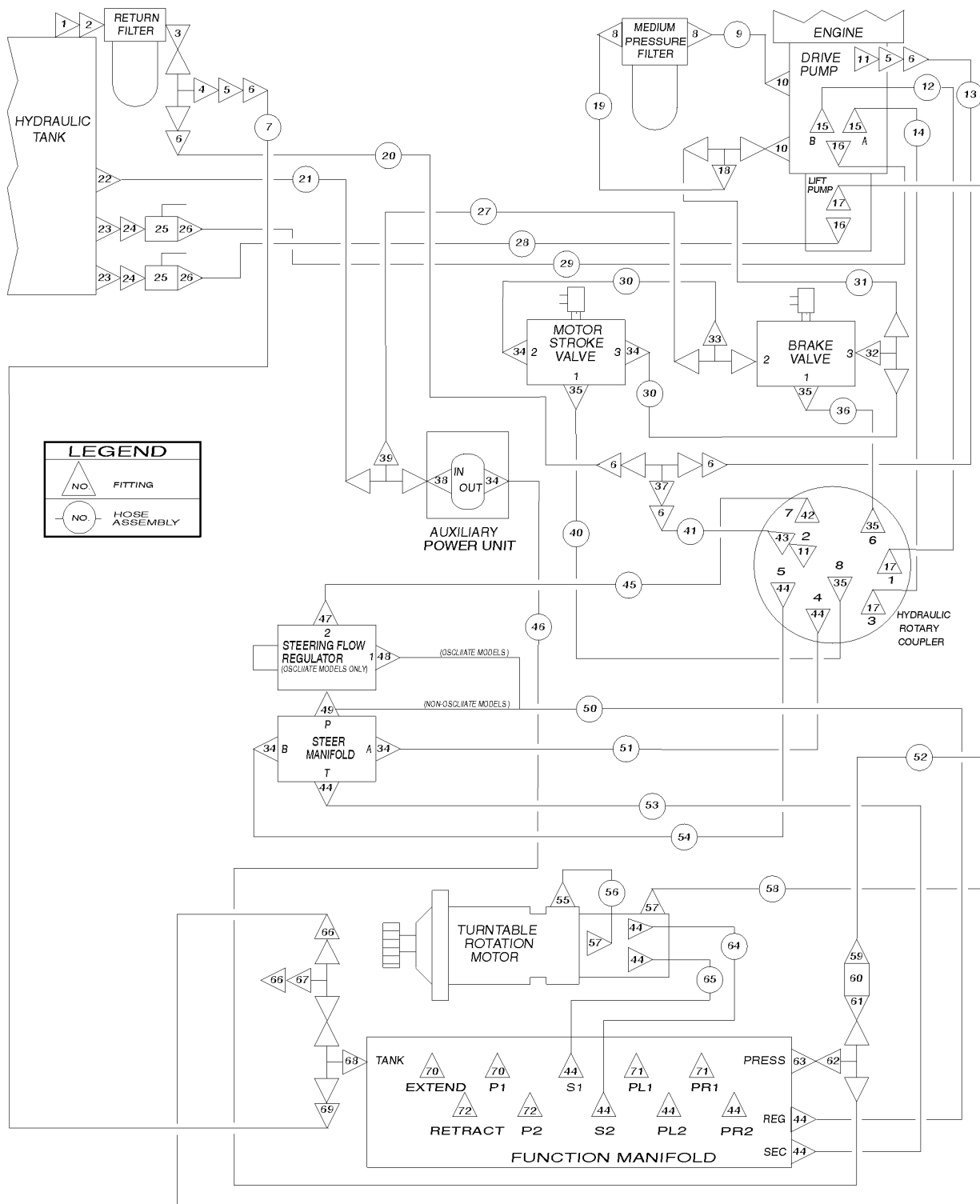
509.1 Hydraulic Hoses and Fittings



509.1 Hydraulic Hoses and Fittings

Item	Part No.	Description	Qty.
25	30347GT	VALVE,BALL,1" MPT X FPT	2
26	45166GT	HOSE END,BARBED RIGID-16-16	2
27	34580GT	HOSE ASSEMBLY, 54" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	1
28	34555GT	HOSE ASSEMBLY, 54" Hose End, 90o Female JIC Swivel, 16-16 (Weatherhead 16U-676) & Hose - 1.0" Suction (Weatherhead H03916)	1
29	34556GT	HOSE ASSY,50" Hose End, 90o Female JIC Swivel, 16-16 (Weatherhead 16U-676) & Hose - 1.0" Suction (Weatherhead H03916)	1
30	34621GT	FLARE TUBE ASSEMBLY,SOLENOID	2
31	34576GT	HOSE ASSEMBLY, 41" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 8-6 (Synflex 3903-06648) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	1
32	45705GT	TEE,BRANCH,070429-6-6	1
33	37870GT	FITTING-6 W/.025 ORIFICE	1
34	13120GT	ELBOW,070220-6-6	5
35	13756GT	CONNECTOR,070120-4-6	4
36	34583GT	HOSE ASSEMBLY, 29.5" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90o Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
37	28445GT	TEE,UNION,070401-12	1
38	18687GT	CONNECTOR,070120-6-8	1
39	45366GT	TEE,RUN,070432-6-6	1
40	34571GT	HOSE ASSEMBLY, 37" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
41	34564GT	HOSE ASSEMBLY, 11" Hose - 3/4" Push On (Weatherhead H20112)	1
42	45412GT	CONNECTOR,070120-6-6	1
		oscillating models only	
42-	45395GT	PLUG,HEX HEAD,090109A-6	1
		non-oscillating models only	
43	20716GT	ELBOW,070321-12-12	1
44	45412GT	CONNECTOR,070120-6-6	11
45	34567GT	HOSE ASSEMBLY, 47" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1
46	34828GT	HOSE ASSY,27.5" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90° Female JIC Swivel, 8-6 (Synflex 3903-06648) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1
47	13120GT	ELBOW,070220-6-6	1
		oscillating models only	

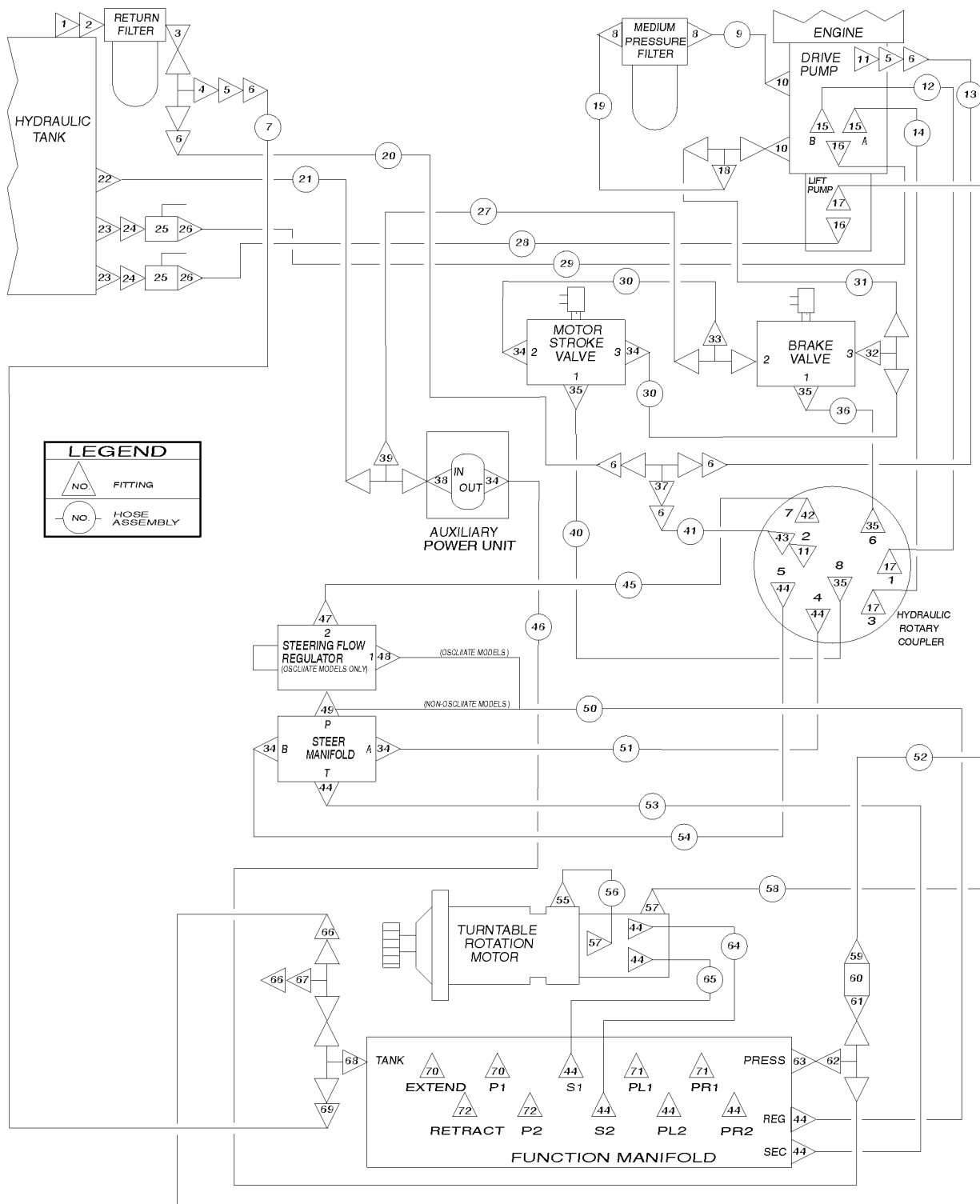
509.1 Hydraulic Hoses and Fittings



509.1 Hydraulic Hoses and Fittings

Item	Part No.	Description	Qty.
48	45412GT	CONNECTOR,070120-6-6 oscillating models only	1
49	30877GT	ADAPTER,STR.THRD.TO STR.THRD. oscillating models only	1
49-	45412GT	CONNECTOR,070120-6-6 non-oscillating models only	1
50	34581GT	HOSE ASSEMBLY, 37.75" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1
51	34577GT	HOSE ASSEMBLY, 47" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1
52	34557GT	HOSE ASSEMBLY, 62" Hose End - 90o Female JIC Swivel, 12-12 (Weatherhead 12U-672), Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612) & Hose - 3/4" 3000 PSI (207 bar) (Weatherhead H300-12)	1
53	34584GT	HOSE ASSEMBLY, 32" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1
54	34578GT	HOSE ASSEMBLY, 41" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1
55	13921GT	ELBOW,070220-4-4	1
56	30867GT	HOSE ASSEMBLY,16.75" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90o Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
57	13755GT	CONNECTOR,070120-4-4	2
58	34560GT	HOSE ASSEMBLY, 18.5" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90o Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
59	29897GT	ELBOW,070320-12-8	1
60	31798GT	VALVE,CHECK,#8 O-RING PORTS	1
61	31797GT	ADAPTER,6402-8-8	1
62	22540GT	TEE,BRANCH,070429-8-8	1
63	27192GT	ADAPTER,O-RING,G6410-10-8	1
64	34575GT	HOSE ASSEMBLY, 14.5" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1
65	34574GT	HOSE ASSEMBLY, 16" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	1
66	30876GT	REDUCER,070123-10-4	2
67	22975GT	TEE,RUN,070432-10	1
68	30875GT	TEE,BRANCH,070429-10-10	1

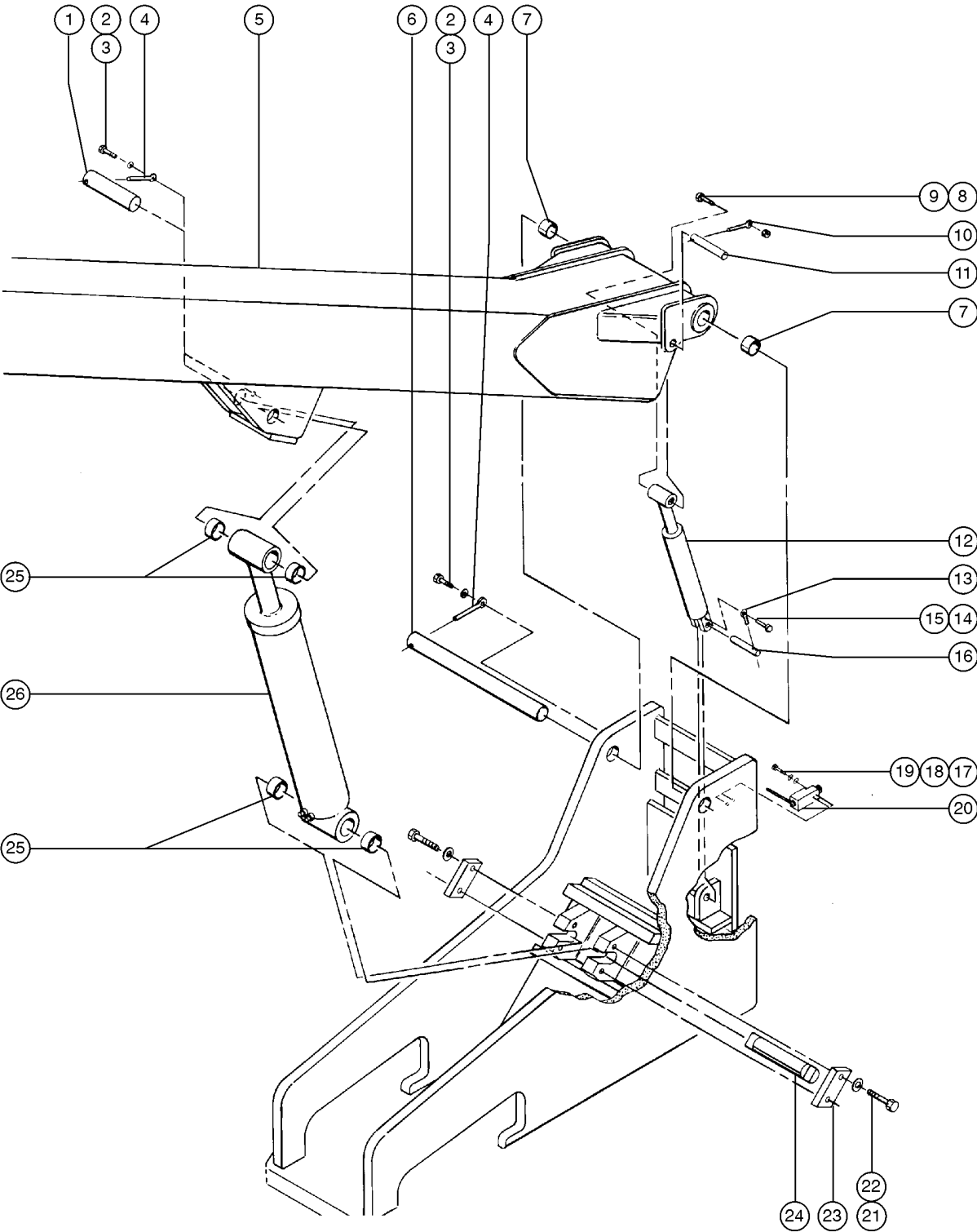
509.1 Hydraulic Hoses and Fittings



509.1 Hydraulic Hoses and Fittings

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
69	30951GT	HOSE END,BARBED,SWIVEL,-12-10	1
70	32156GT	CONNECTOR,070122-8-8	2
71	45412GT	CONNECTOR,070120-6-6	2
72	45703GT	CONNECTOR,070120-8-8	2

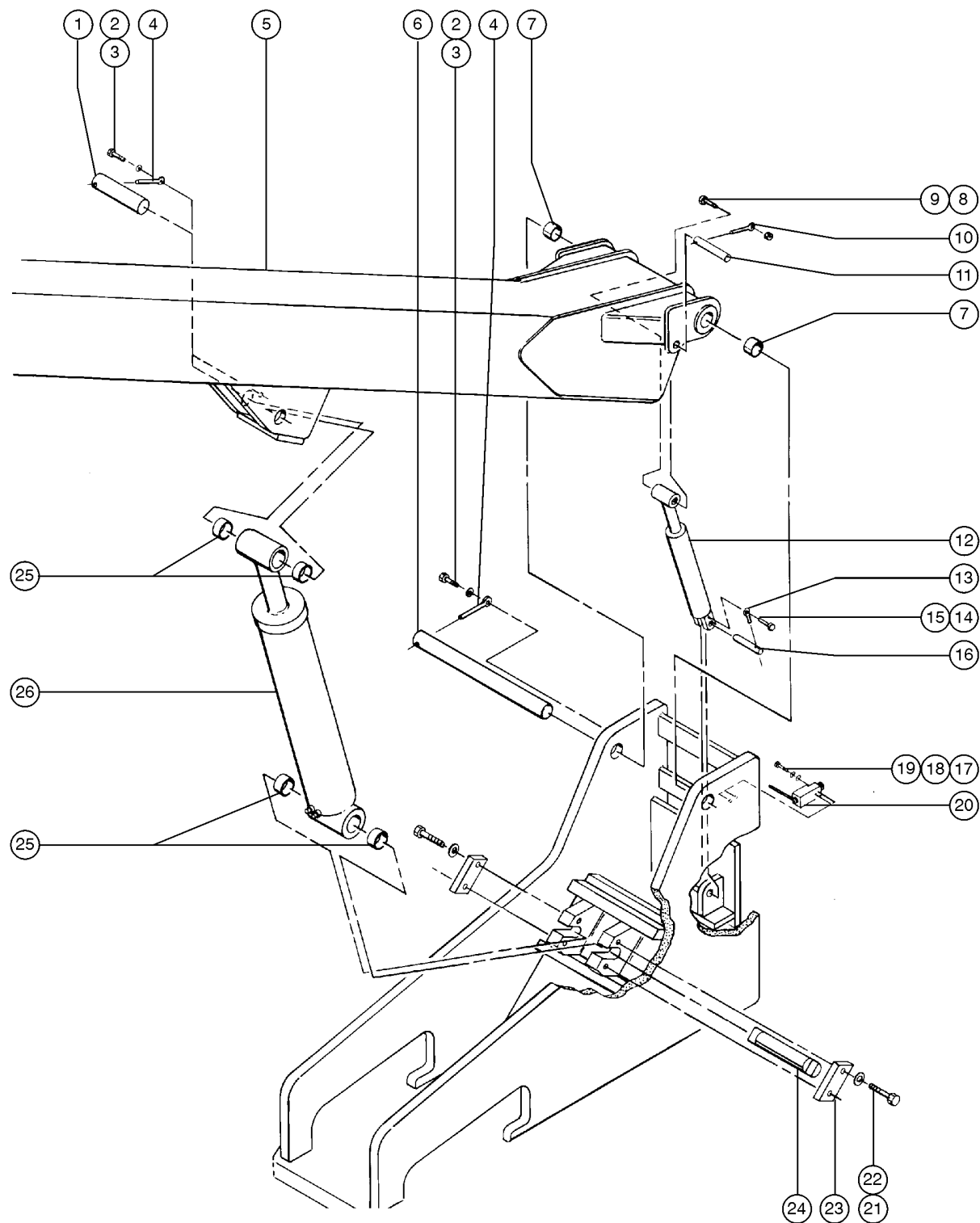
601.1 Boom Lift and Master Leveling Cylinder Installation



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 sections 602.1 and 603.1	2
6	34271GT	PIN,2.50DIAX29.13LG,1HOLE	1
7	34131GT	BEARING,2.50IDX3.00ODX2.00L	2
8	8516GT	SCREW, HCC, 3/8-16 X 1.50	1
9	4828GT	NUT, NYLOCK, 3/8-16	1
10	825019GT	ROD END, .375X3.69, ZAG	1
11	34270GT	PIN,1.25DIAX6.62LG,1HOLE	1
12	63209GT	CYLINDER,MASTER***	1
12-	63349GT	SEAL KIT,CYL (63209) For cylinder 63209; check cylinder part number stamp or label prior to ordering	1
12-	33487GT	SEAL KIT,HYDRAULIC CYLINDER*** For cylinder 34118; check cylinder part number stamp or label prior to ordering	1
12-	25683GT	BEARING,POLYGON,20DU12	1
13	1255452GT	ROD END,.375 X 2.25,ZAG	1
14	6175GT	SCREW,HHC,3/8-16 X 1	1
15	6021GT	WASHER, LOCK, .375	1
16	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
17	16486GT	SCREW,RHM,10-32 X 1.75	2
18	6607GT	WASHER,LOCK,#10 PLTD	2
19	6146GT	WASHER,FLAT,MS,#10,Y	2
20	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM	1
20-	19491GT	CONTACTOR,LIMIT SWITCH	
20-	106433GT	LS SPRING WAND (ZCY91)	
21	33557GT	SCREW,HHC,3/4-10 X 2.00,GR5	4
22	34550GT	WASHER,LOCK,.75 PLTD	4
23	33822PGT	PIN RETAINER,PRI.CYL.BLUE	2

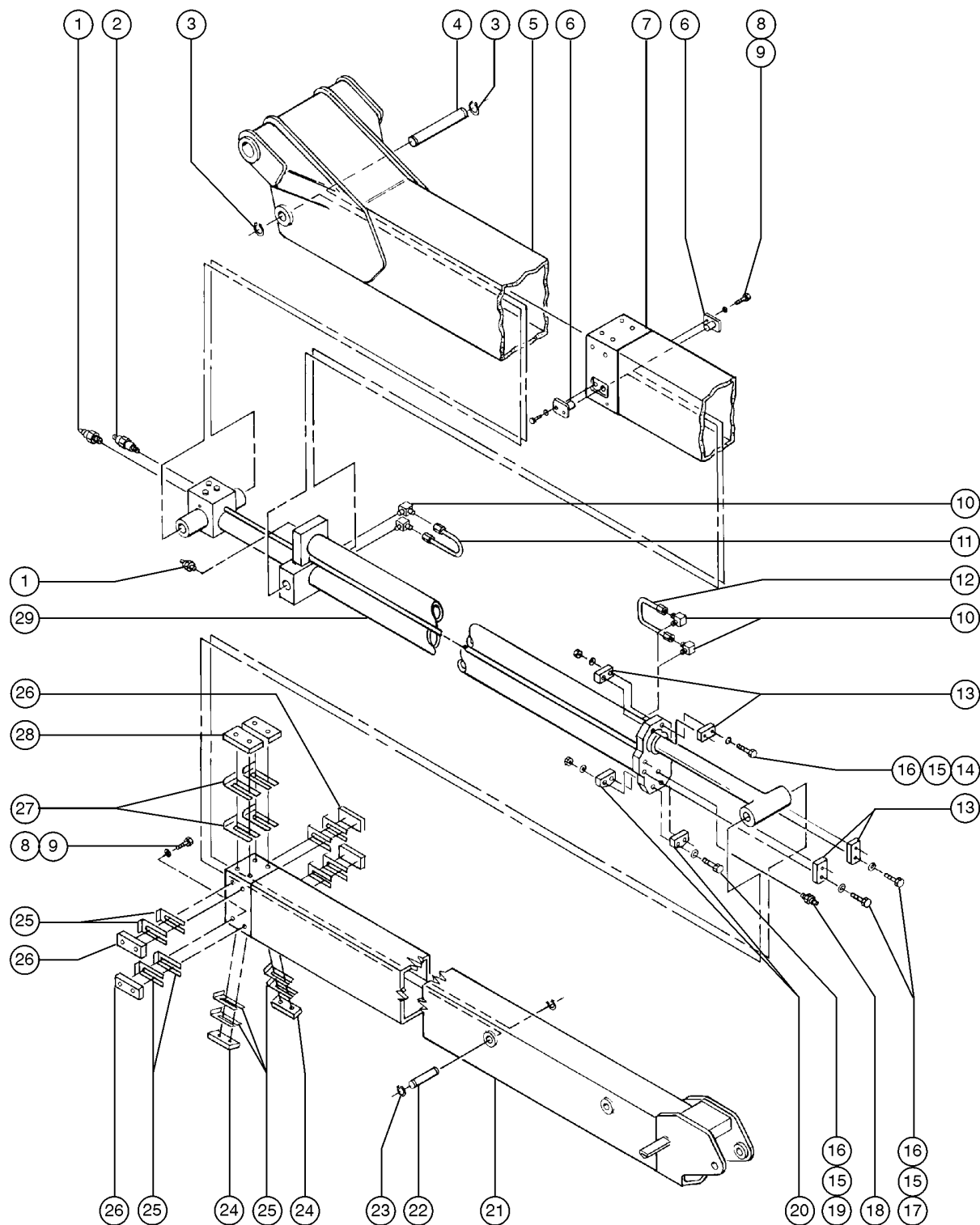
601.1 Boom Lift and Master Leveling Cylinder Installation



601.1 Boom Lift and Master Leveling Cylinder Installation

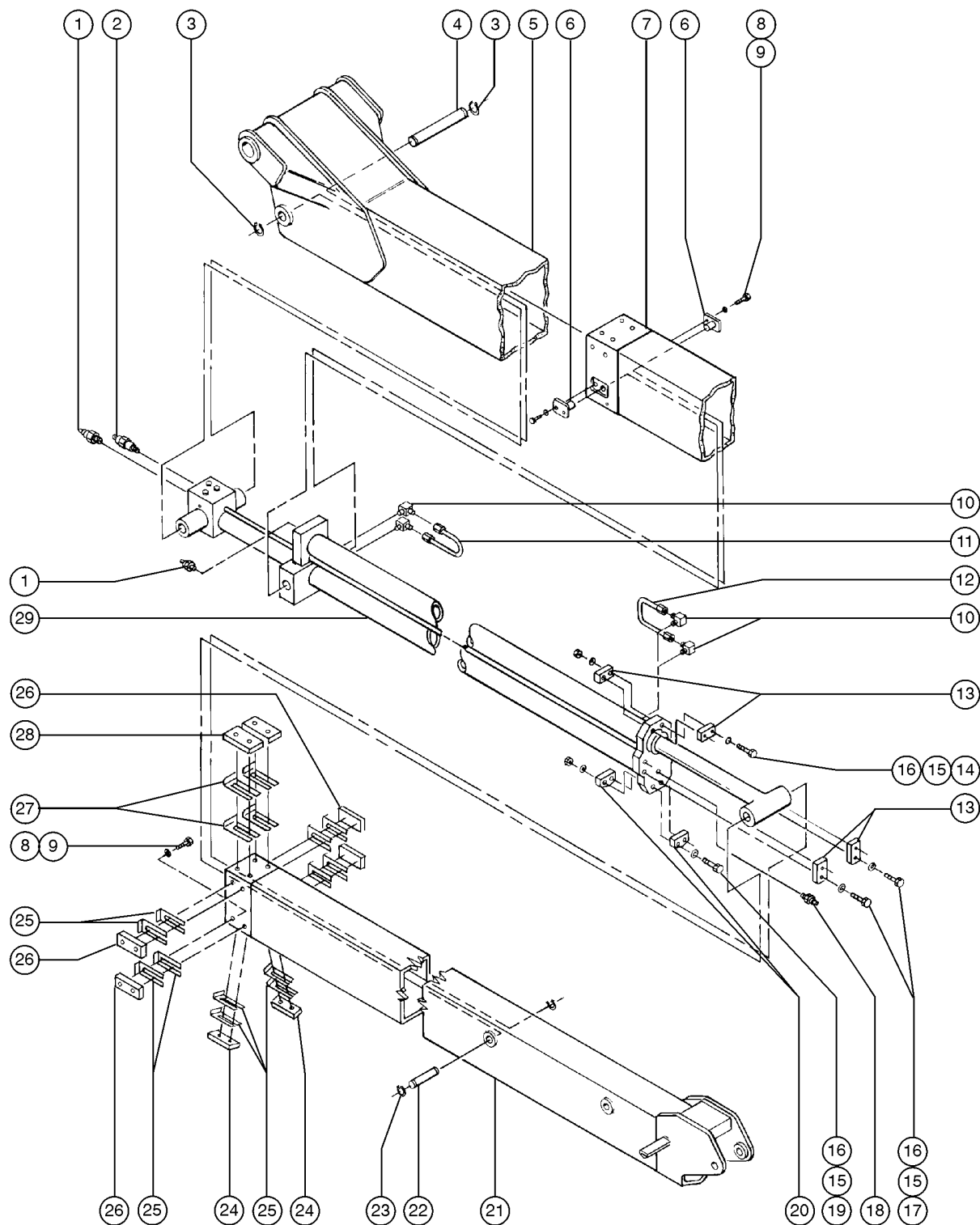
Item	Part No.	Description	Qty.
24	33823GT	PIN,PRI.CYL./SWING CHASSIS	1
25	33505GT	BEARING,GARLOCK,40DU26	4
26	35657GT	CYLINDER,LIFT,S60 BOBALEE**	1
		includes index number 25	
26-	33895GT	SEAL KIT,HYD.CYL. 34422	1
26-	33428GT	VALVE,COUNTERBALANCE	1

602.1 Boom Installation - View 1



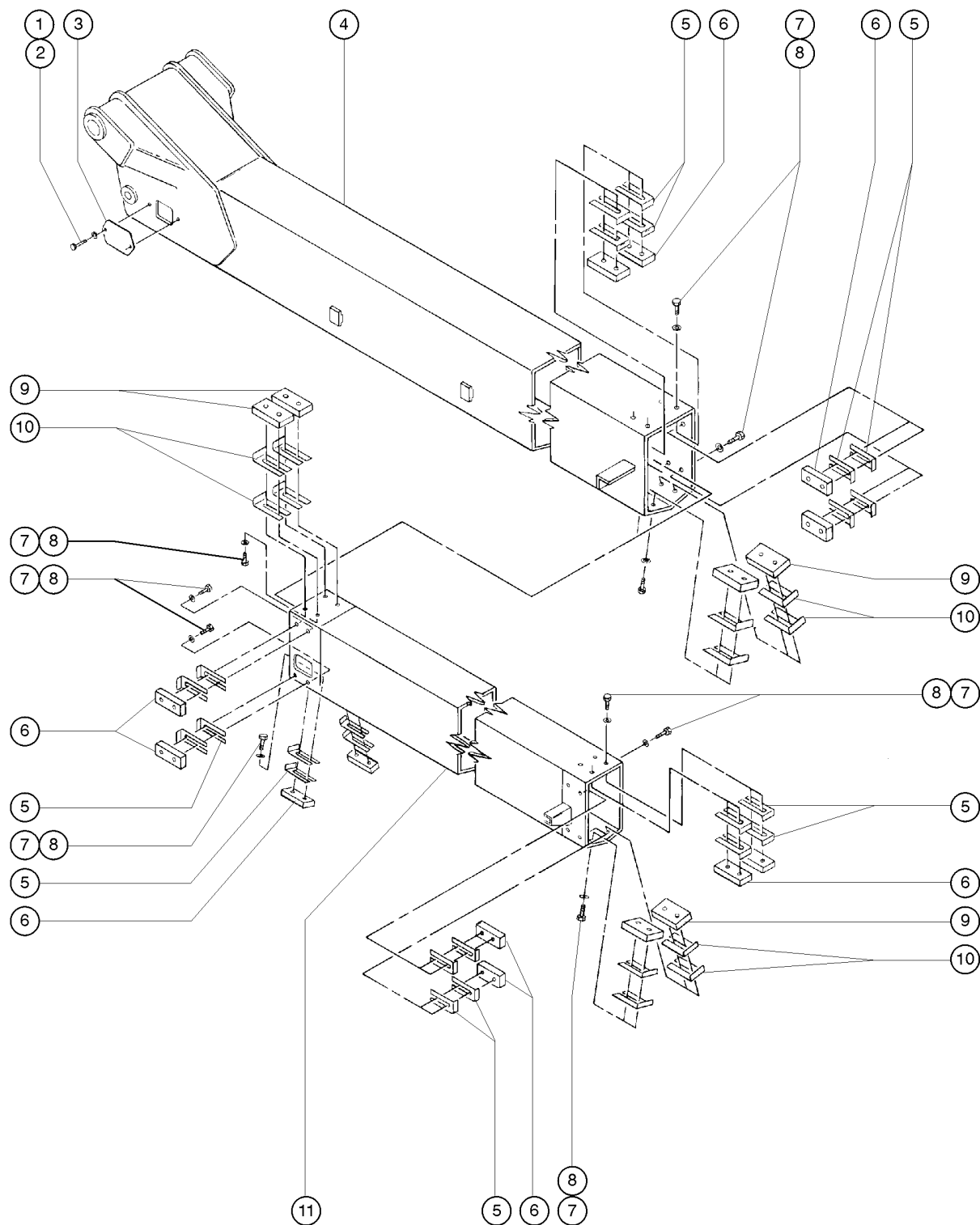
Item	Part No.	Description	Qty.
1	36188GT	VALVE,COUNTERBAL.CACA-LHN@2000	2
1-	43018GT	SEAL KIT (39345)	
2	36207GT	VALVE,COUNTERBAL.CWCA-LHN@2000	1
2-	62449GT	SEAL KIT,SUN "CWCA" CB VALVES*	
3	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	2
4	34268GT	PIN,1.50DIA X 14.41LG,2RING	1
5	33947GT	BOOM TUBE ASSEMBLY	1
6	34170-SGT	EXT.CYL.MOUNTING PIN WLDMT.	2
7	34429GT	WELD,BOOM,#2,V-BOTTOM	1
8	6175GT	SCREW,HHC,3/8-16 X 1	18
9	6021GT	WASHER, LOCK, .375	18
10	13921GT	ELBOW,070220-4-4	4
11	34741GT	FLARE TUBE ASSY,EXT.CYLINDER	1
12	34736GT	FLARE TUBE ASSY,EXT.CYLINDER	1
13	34165GT	WEAR PAD,EXTENSION CYLINDER	4
14	6884GT	SCREW,HHC,1/4-20 X 2.5	2
15	6638GT	WASHER, FLAT, USS, 1/4"Y	8
16	6889GT	NUT,LP NYLOCK,1/4-20	8
17	4266GT	SCREW,HHC,1/4-20 X 2	4
18	33494GT	VALVE,SEQUENCE	1
18-	43018GT	SEAL KIT (39345)	
19	8179GT	SCREW,HHC,1/4-20 X 2.25	2
20	34165GT	WEAR PAD,EXTENSION CYLINDER	2
21	227149GT	ASSY,S60/65 BOOM TUBE,V-BOTTOM	1
22	T108079GT	PIN,1.25DIA X 8.30LG,2RING	1
23	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**	2
24	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	2

602.1 Boom Installation - View 1



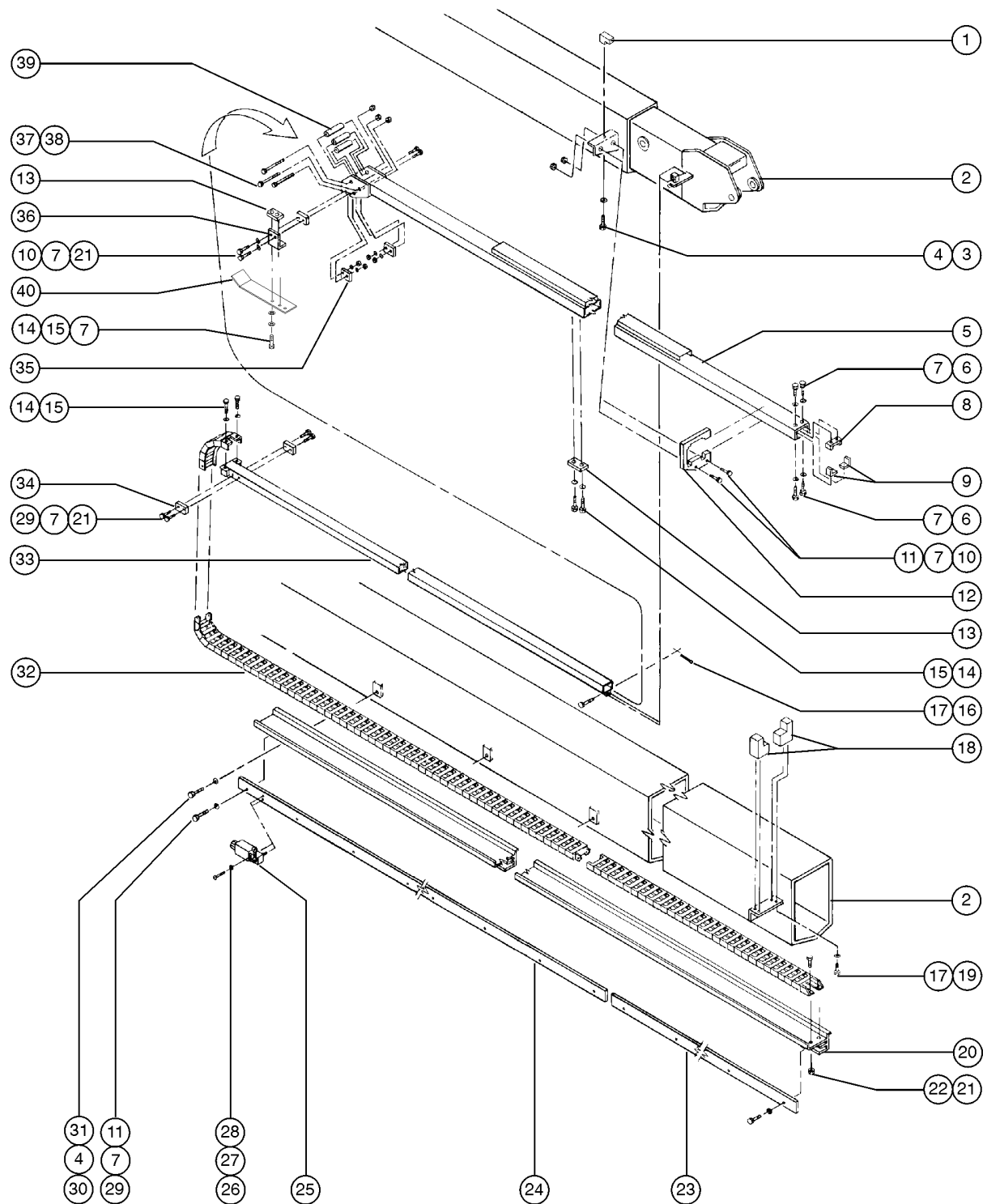
Item	Part No.	Description	Qty.
25	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	as ne ed ed
26	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	4
27	34344GT	SHIM, PAD, 3 x 5	as ne ed ed
28	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS	2
29	63201GT	EXTENSION CYLINDER ASSY.S60** includes index numbers 1, 2, 10 through 12 and 18	1
29-	63340GT	SEAL KIT,CYL,S60 (63201)*** Bottom (for black color cylinder assembly 63201)	
29-	63341GT	SEAL KIT,CYL,S60 (63201)*** Top (for black color cylinder assembly 63201)	
29-	33896GT	CYLINDER, EXTENSION, TOP for red color cylinder assembly 34712	1
29-	33501GT	SEAL KIT,HYDRAULIC CYLINDER Top (for red color cylinder assembly 34712)	1
29-	33500GT	SEAL KIT,HYDRAULIC CYLINDER Bottom (for red color cylinder assembly 34712)	1
29-		CYLINDER, EXTENSION, BOTTOM Part is no longer available	1
29-	37499GT	SEAL KIT S60/S80 (35654/35620* Top and Bottom (for cream color cylinder assembly 35654)	1

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	33947GT	BOOM TUBE ASSEMBLY	1
5	29080GT	SHIM, WEAR PAD, 5X 1.5 16GA	as ne ed ed
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	as ne ed ed
11	34429GT	WELD, BOOM, #2, V-BOTTOM	1

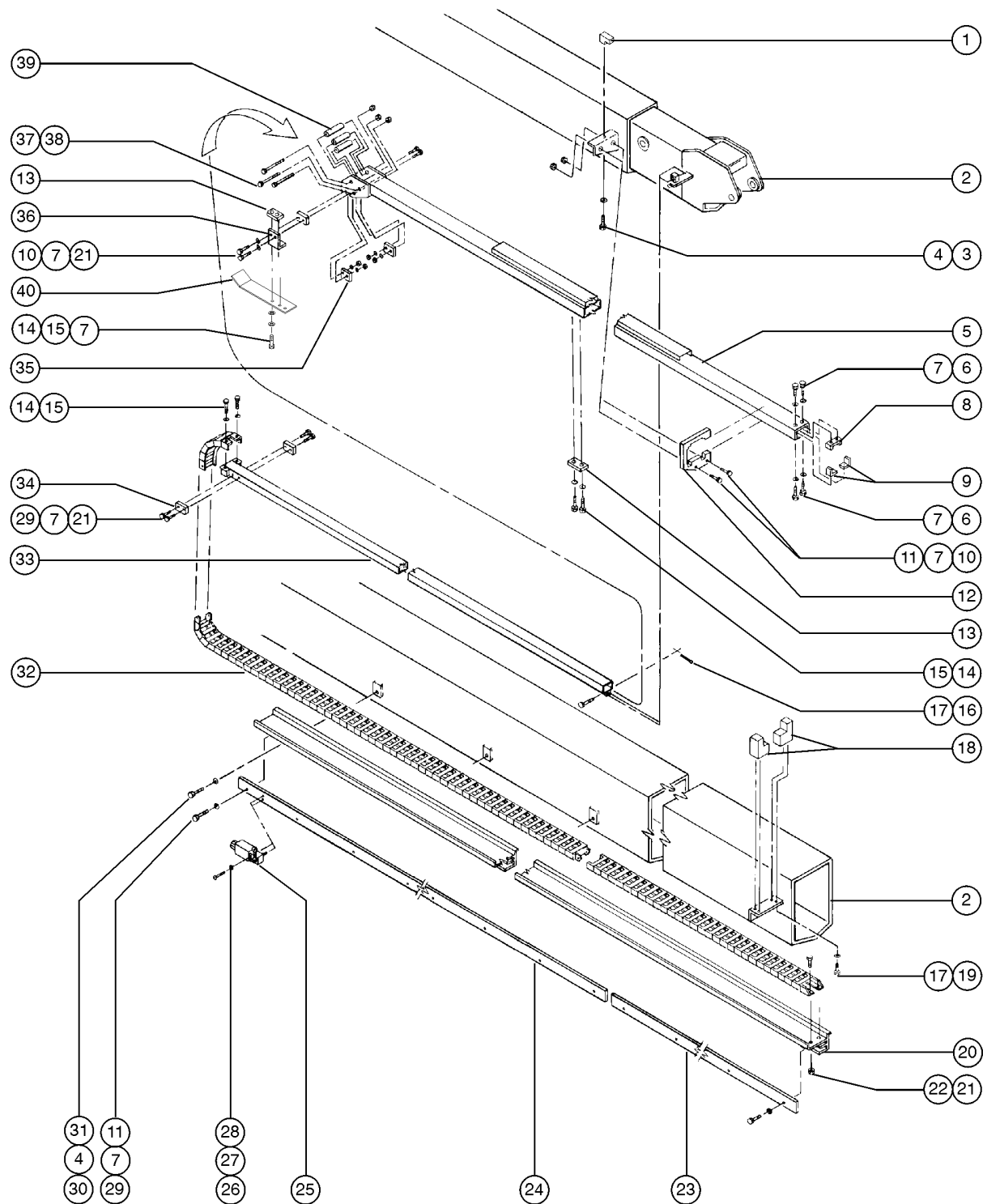
604.1 Cable Track Installation



604.1 Cable Track Installation

Item	Part No.	Description	Qty.
1	34394GT	WEAR PAD,BOTTOM,CABLE TRACK	1
2		Ref. Boom Installation refer to sections 602.1 and 603.1	1
3	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
4	6021GT	WASHER, LOCK, .375	6
5	34660-SGT	CABLE TRACK TUBE WELDMENT S60	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	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	33052-SGT	CABLE TRACK TRAY,DRILLED,S60**	1
20-	27258GT	TRIM,RUBBER EDGE,5/8 (BY INCH) order as needed	in ch es
21	6889GT	NUT,LP NYLOCK,1/4-20	8
22	7339GT	SCREW,HHC,1/4-20 X .5	2
23	33054-SGT	COVER,CABLE TRACK TRAY,S60,'95	2
24	33053-SGT	COVER,CABLE TRACK TRAY,S60,'95'	1
25	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	1
25-	19491GT	CONTACTOR,LIMIT SWITCH	1
25-	97128GT	ROLLER ARM,LIMIT SWITCH***	1

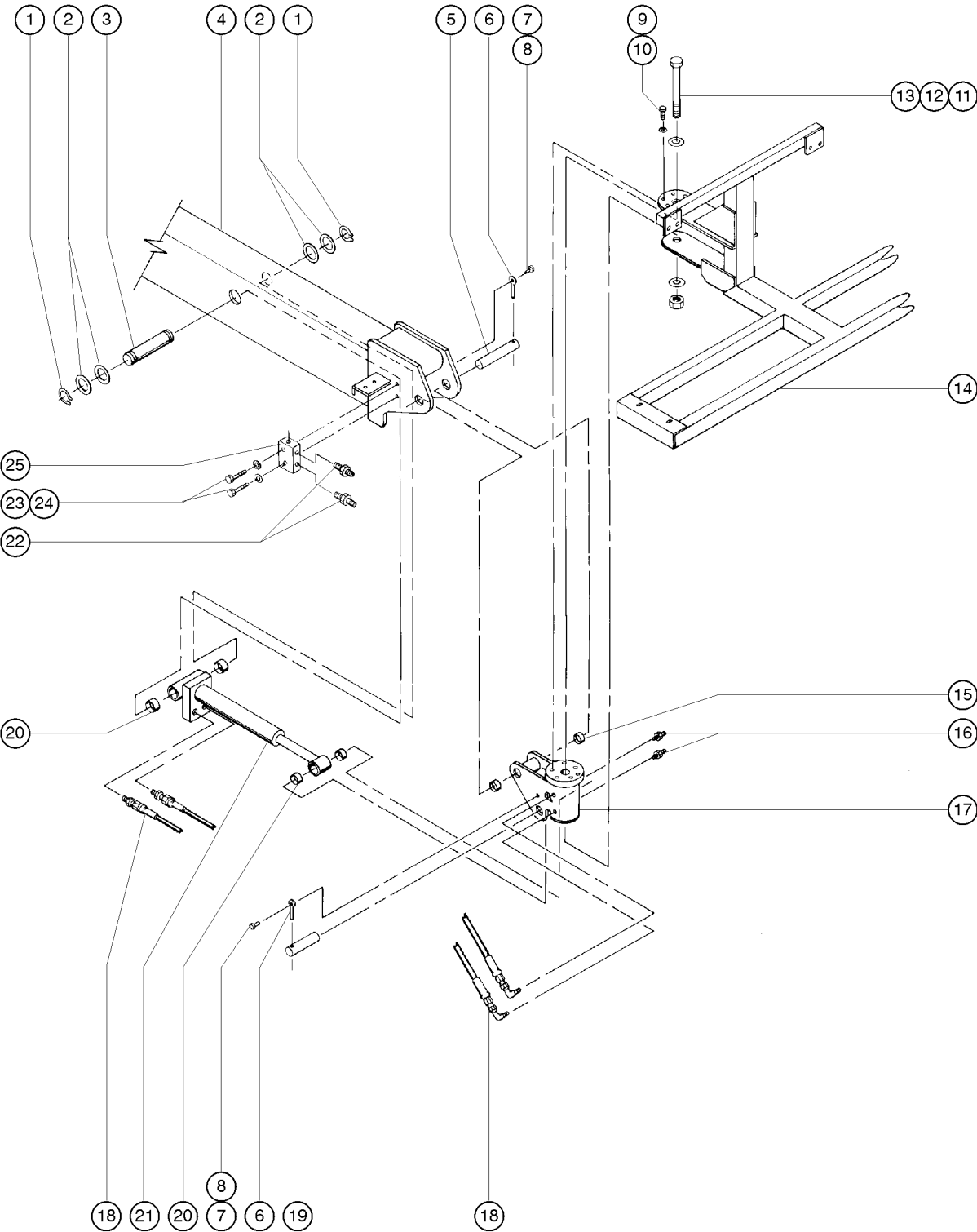
604.1 Cable Track Installation



604.1 Cable Track Installation

Item	Part No.	Description	Qty.
25-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
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	43483GT	TRACK,STEEL CABLE,86 LINKS***	1
32-	43935GT	KIT,STEEL CABLE TRACK,S60*** for replacing plastic cable track	1
32-	41621GT	KIT,CABLE TRACK UPDATE for replacing plastic cable track	1
33	43853-SGT	EXU.,CABLE TRK.SUPPT,210"DRIL*	1
33-	37047GT	CABLE TRACK SUPORT TUBE ASSY** 95 version	
33-	27258GT	TRIM,RUBBER EDGE,5/8 (BY INCH)	1
34	31411GT	WEAR PAD,CABLE TRACK	2
35	30749GT	WEAR PAD,CABLE TRACK TUBE	3
36	34680PGT	ANGLE,CABLE TRACK TUBE PAINTED	1
37	22832GT	SCREW,HHC,3/8-16 X 6	3
38	7713GT	NUT, LP NYLOCK, 3/8-16	3
39	34243-500GT	TUBE,UHMW, 1 X .25 X 5.00	3
40	36204P-SGT	BRACKET,LIMIT SWITCH EXT,BLUE*	1

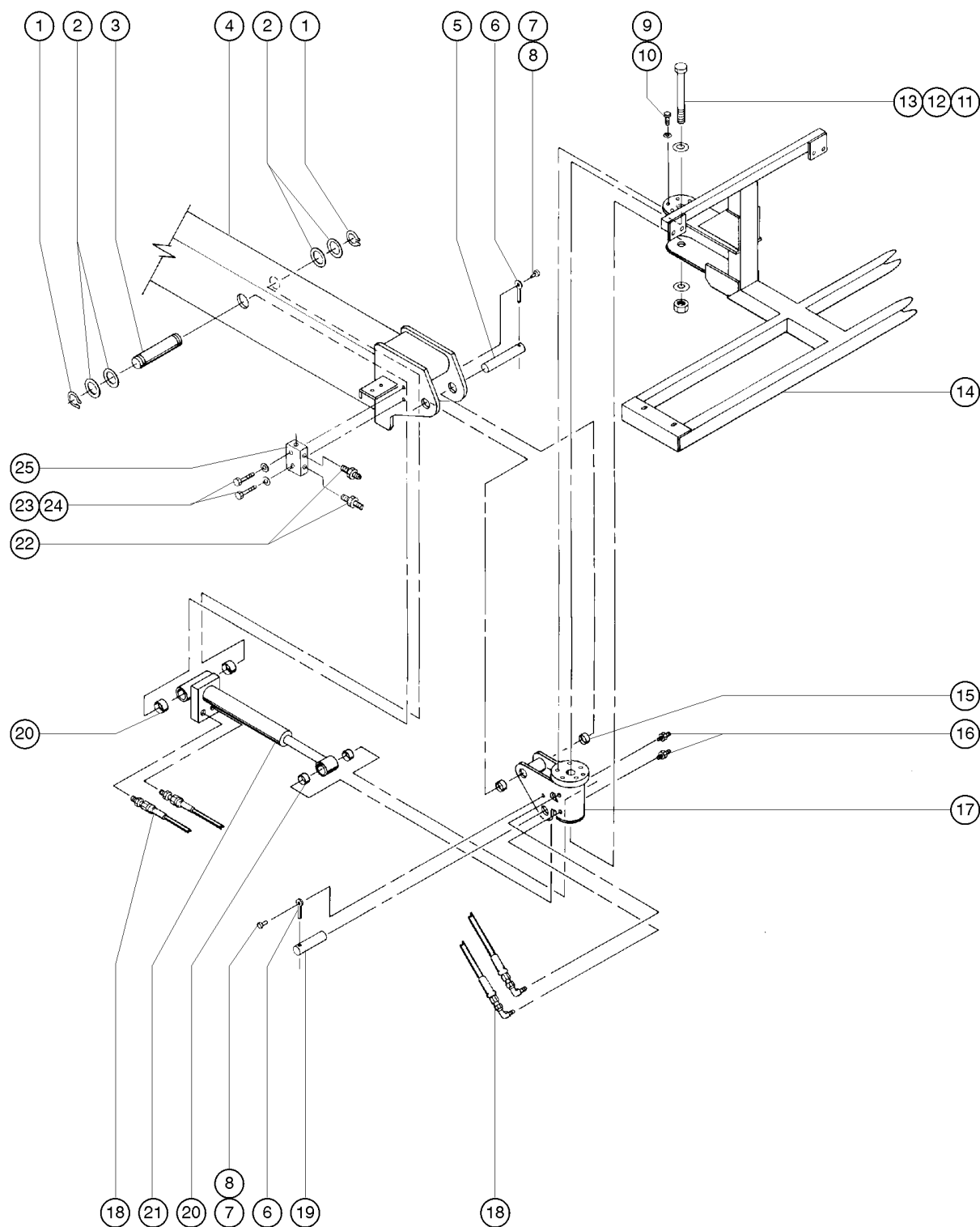
605.1 Slave Cylinder and Platform Rotator



605.1 Slave Cylinder and Platform Rotator

Item	Part No.	Description	Qty.
1	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**	2
2	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	4
3	T108079GT	PIN,1.25DIA X 8.30LG,2RING	1
4		Ref. Boom Installation refer to sections 602.1 and 603.1	1
5	T108078GT	PIN,1.25DIA X 9.50LG,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	6
10	6033GT	WASHER,LOCK,0.5"	6
11	30286GT	SCREW,HHC,1-8 X 12IN GRD.2***	1
12	122079GT	WASHER,FLAT,1.000,HARDENED	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
17	77874GT	ROTATOR ASSEMBLY,8.2K*** includes index number 15 (non-jib models)	1
17-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR*	
17-	31498GT	BEARING KIT,ROTATOR,9K***	
18		Ref. Hydraulic Hoses & Fittings	2
19	T108075GT	PIN,1.25DIA X 5.25LG,1HOLE	1
20	1262634GT	BUSHING,POLYGON,BM5121	4
20-	25683GT	BEARING,POLYGON,20DU12 for blue cylinder	
21	63210GT	CYLINDER,SLAVE,3 X 11.38*** includes Index No. 20	1
21-	63350GT	SEAL KIT,CYL (63210)	1
21-	33487GT	SEAL KIT,HYDRAULIC CYLINDER*** for blue cylinder	
21-	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500 for black cylinder (before 12/16/03)	2
21-	77303GT	VALVE,CNTRBAL 3500 PSI, ATM VEN for black cylinder (after 12/16/03)	

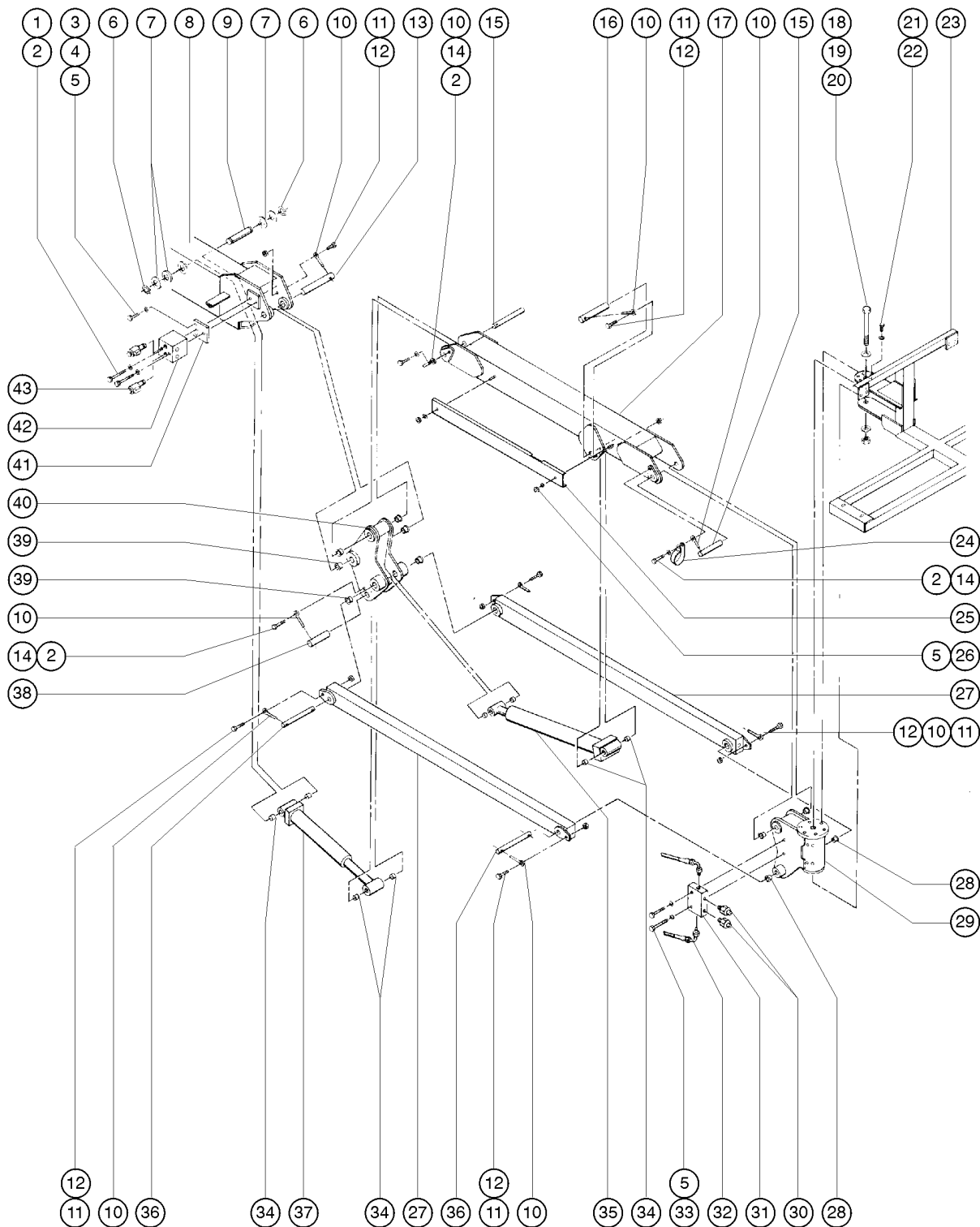
605.1 Slave Cylinder and Platform Rotator



605.1 Slave Cylinder and Platform Rotator

Item	Part No.	Description	Qty.
21-	43169GT	VALVE,COUNTERBALANCE*** for blue cylinder	2
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 includes index number 22	1

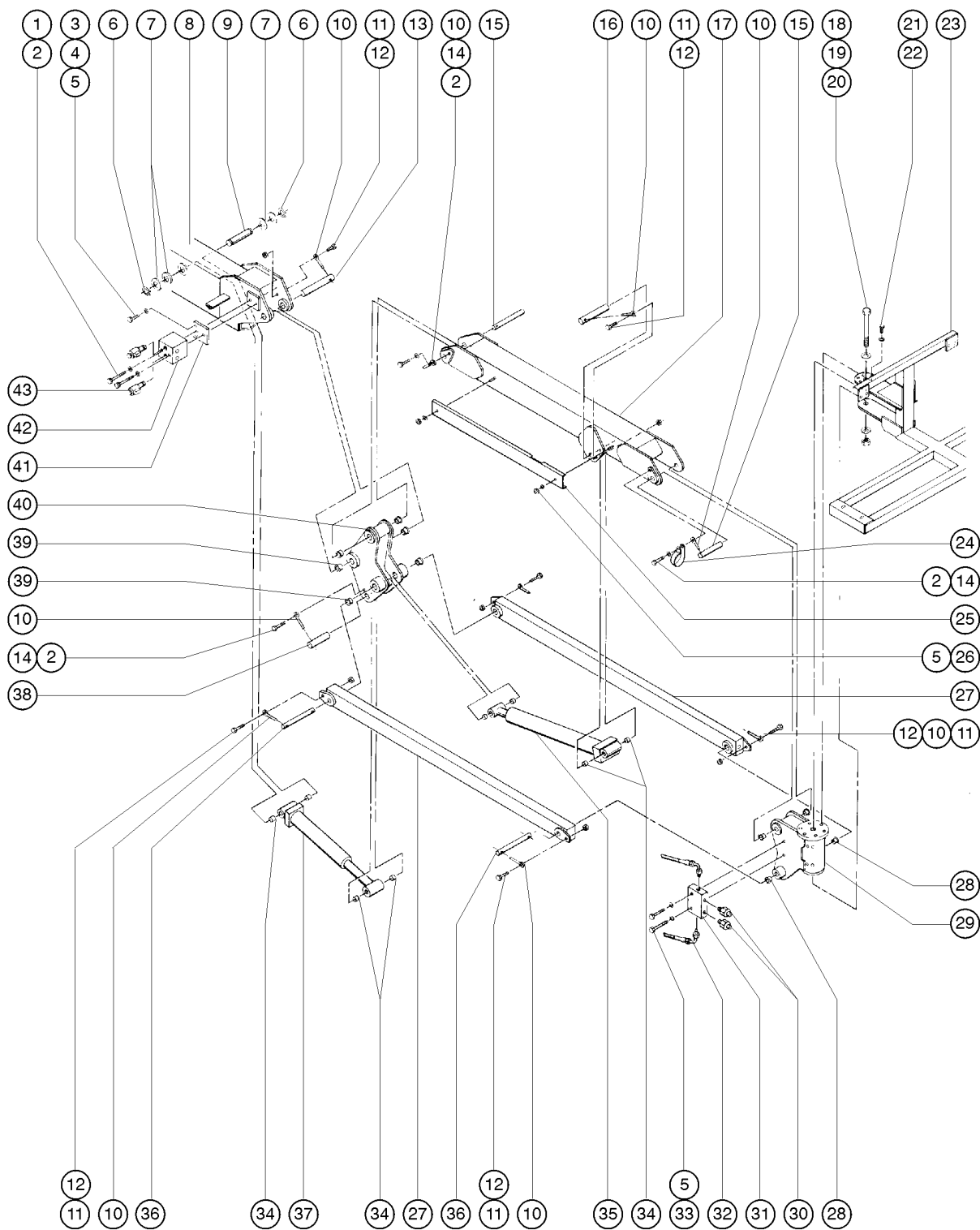
606.1 Jib Boom and Platform Rotator



606.1 Jib Boom and Platform Rotator

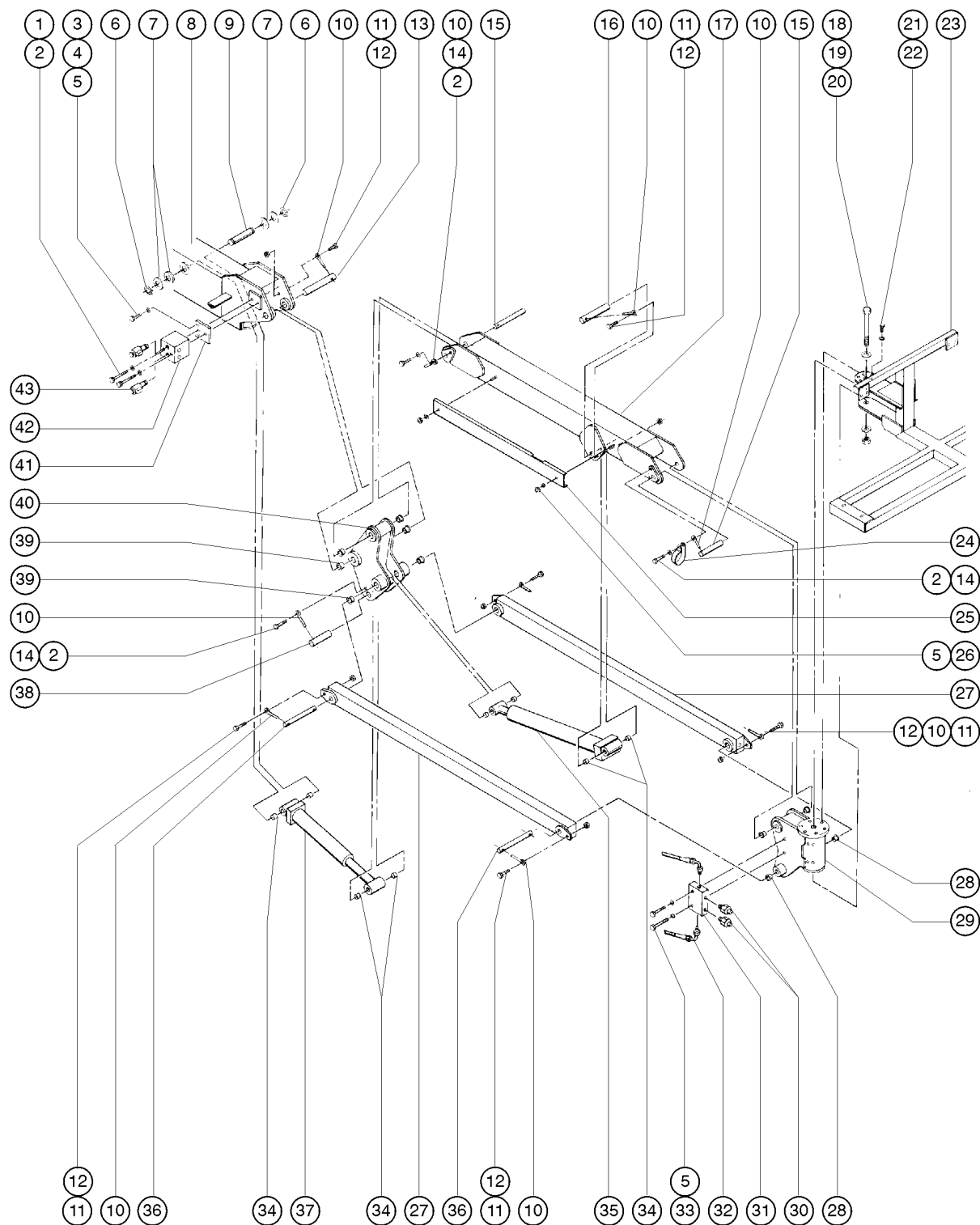
Item	Part No.	Description	Qty.
1	21604GT	SCREW,HHC,3/8-16 X 3.25	2
2	6021GT	WASHER, LOCK, .375	5
3	6090GT	SCREW, HHC, 1/4-20 X .75	2
4	6356GT	WASHER,LOCK,.25	2
5	6638GT	WASHER, FLAT, USS, 1/4"Y	6
6	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**	2
7	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	4
8		Ref. Boom Installation refer to sections 602.1 or 603.1	1
9	T108079GT	PIN,1.25DIA X 8.30LG,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,1.25DIA X 9.50LG,1HOLE	1
14	6175GT	SCREW,HHC,3/8-16 X 1	3
15	T108076GT	PIN,1.25DIA X 7.88LG,1HOLE	2
16	T108077GT	PIN,1.25DIA X 7.00LG,1HOLE	1
17		SERVICE KIT, 5FT JIB see 609.1 for jib detail	1
18	30286GT	SCREW,HHC,1-8 X 12IN GRD.2***	1
19	122079GT	WASHER,FLAT,1.000,HARDENED	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

606.1 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-	62417GT	SEAL KIT,PLAT ROTATE*** for rotator 77875	
29-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* for rotator 30947P	
29-	31498GT	BEARING KIT,ROTATOR,9K*** for rotator 30947P	
29-	13852GT	VALVE ASSY,BLEED***	2
30	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000	2
31	30823GT	VALVE,DUAL CB MANIFOLD includes index number 30	1
32		Ref. Hydraulic Hoses & Fittings refer to section 608.1	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
35-	43018GT	SEAL KIT (39345)	
36	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
37	63210GT	CYLINDER,SLAVE,3 X 11.38*** includes 4 each index number 34	1
37-	63350GT	SEAL KIT,CYL (63210)	
37-	33487GT	SEAL KIT,HYDRAULIC CYLINDER*** for blue cylinder	1
37-	43169GT	VALVE,COUNTERBALANCE*** for blue cylinder	1
37-	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500 for black cylinder (before 12/16/03)	
37-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN for black cylinder (after 12/16/03)	
38	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
39	34132GT	BEARING,GARLOCK,20FDU20	6
40	89801GT	BELLCRANK ASSY W/BEARINGS	1
41	34625P-SGT	PLATE,JIB MANIFOLD MTG.PAINTED	1
42	73616GT	MANIFOLD,JIB SELECT***	1
43	29066GT	VALVE,SOLENOID,10V,2POS 3WAY**	2
43-	27814GT	COIL,SOLENOID,10V	2

606.1 Jib Boom and Platform Rotator

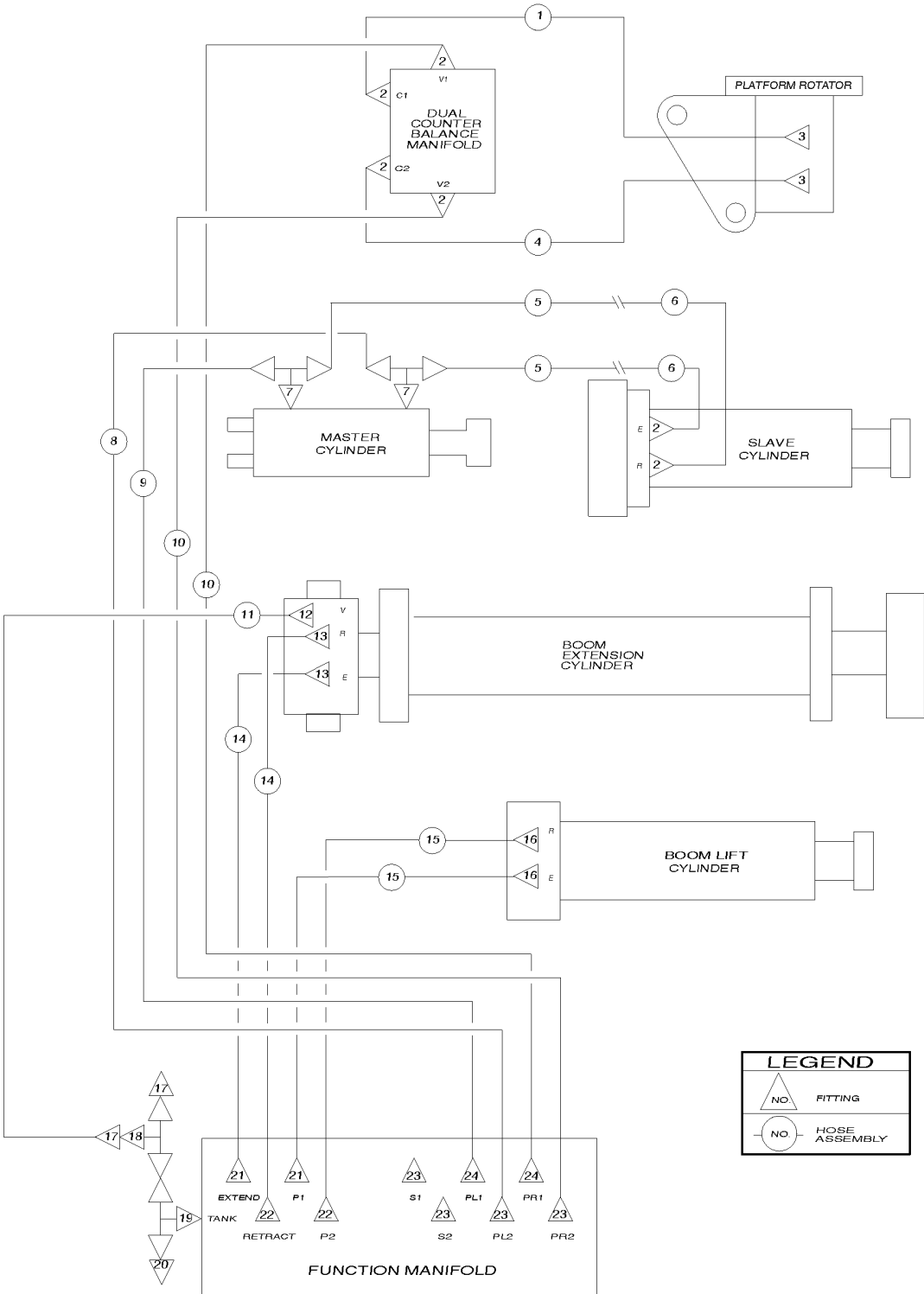


606.1 Jib Boom and Platform Rotator

Item	Part No.	Description	Qty.
43-	45912GT	NUT,SOLENOID VALVE 2P3W	2



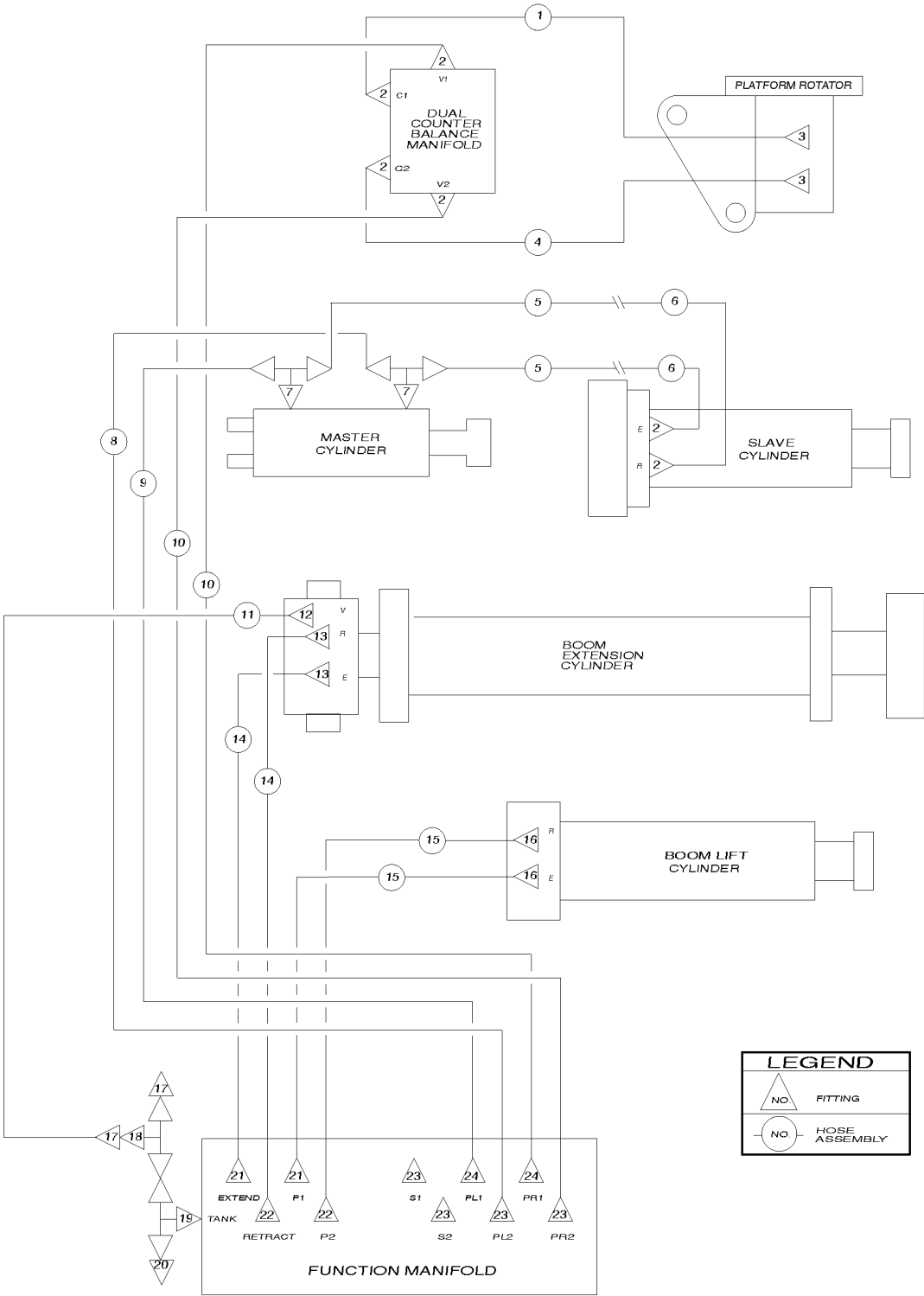
607.1 Hydraulic Hoses and Fittings - S-60 Models



607.1 Hydraulic Hoses and Fittings - S-60 Models

Item	Part No.	Description	Qty.
	33994GT	PLUG AND CAP KIT-SERVICE,37?*	
1	34604GT	HOSE ASSEMBLY, 26" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90o Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
2	13756GT	CONNECTOR,070120-4-6	6
3	13921GT	ELBOW,070220-4-4	2
4	34603GT	HOSE ASSEMBLY, 31" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90o Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
5	34839GT	HOSE ASSY,735" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90o Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	2
6	34775GT	HOSE ASSEMBLY, 24" Hose End - Male Rigid JIC, 4-4 (Synflex 3903-04504), Hose End - 90o Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	2
7	45705GT	TEE,BRANCH,070429-6-6	2
8	34561GT	HOSE ASSEMBLY, 136" Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544), Hose End - 90o Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
9	34715GT	HOSE ASSY,127" Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544), Hose End - 90o Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
10	34840GT	HOSE ASSY,827" Hose End - 90o Female JIC Swivel, 4 JIC (Synflex 3903-04644), Hose End - 90o Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	2
11	34570GT	HOSE ASSEMBLY, 186" Hose End - Female JIC Swivel, 4-2 (Synflex 3903-02544), Hose End - Female JIC Swivel, 4-2 (Synflex 3903-02544) & Hose - 1/8" Thermoplastic Medium Pressure (Synflex 3130-02)	1
12	13755GT	CONNECTOR,070120-4-4	1
13	34635GT	ELBOW,070320-6-8	2
14	34562GT	HOSE ASSEMBLY, 177" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 8-6 (Synflex 3903-06648) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	2
15	34558GT	HOSE ASSEMBLY, 96" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 8-6 (Synflex 3903-06648) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	2
16	18687GT	CONNECTOR,070120-6-8	2
17	30876GT	REDUCER,070123-10-4	2
18	22975GT	TEE,RUN,070432-10	1
19	30875GT	TEE,BRANCH,070429-10-10	1
20	45170GT	HOSE END,BARBED,SWIVEL,-12-12	1
21	32156GT	CONNECTOR,070122-8-8	2

607.1 Hydraulic Hoses and Fittings - S-60 Models

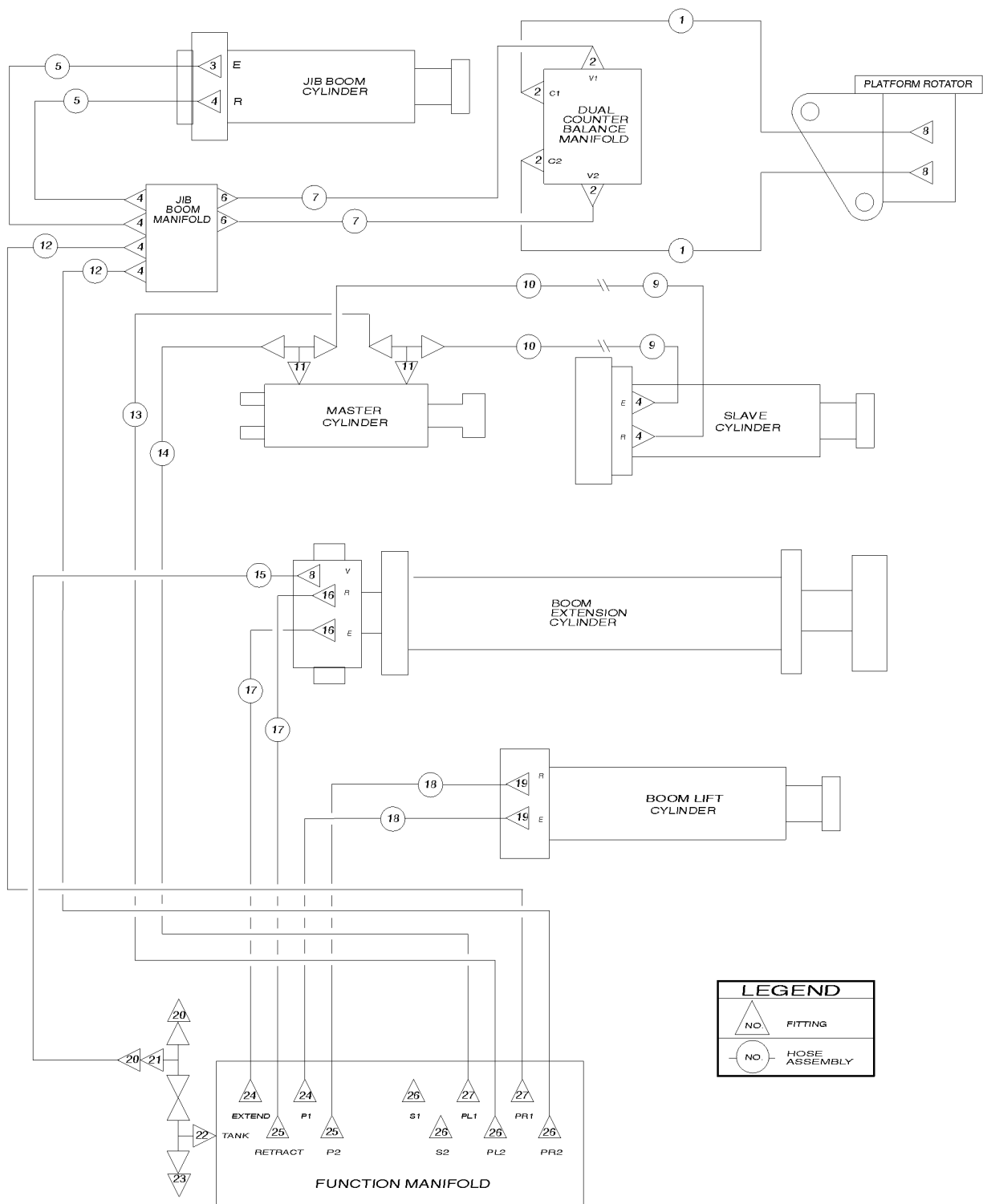


607.1 Hydraulic Hoses and Fittings - S-60 Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
22	45703GT	CONNECTOR,070120-8-8	2
23	45412GT	CONNECTOR,070120-6-6	4
24	45412GT	CONNECTOR,070120-6-6	2



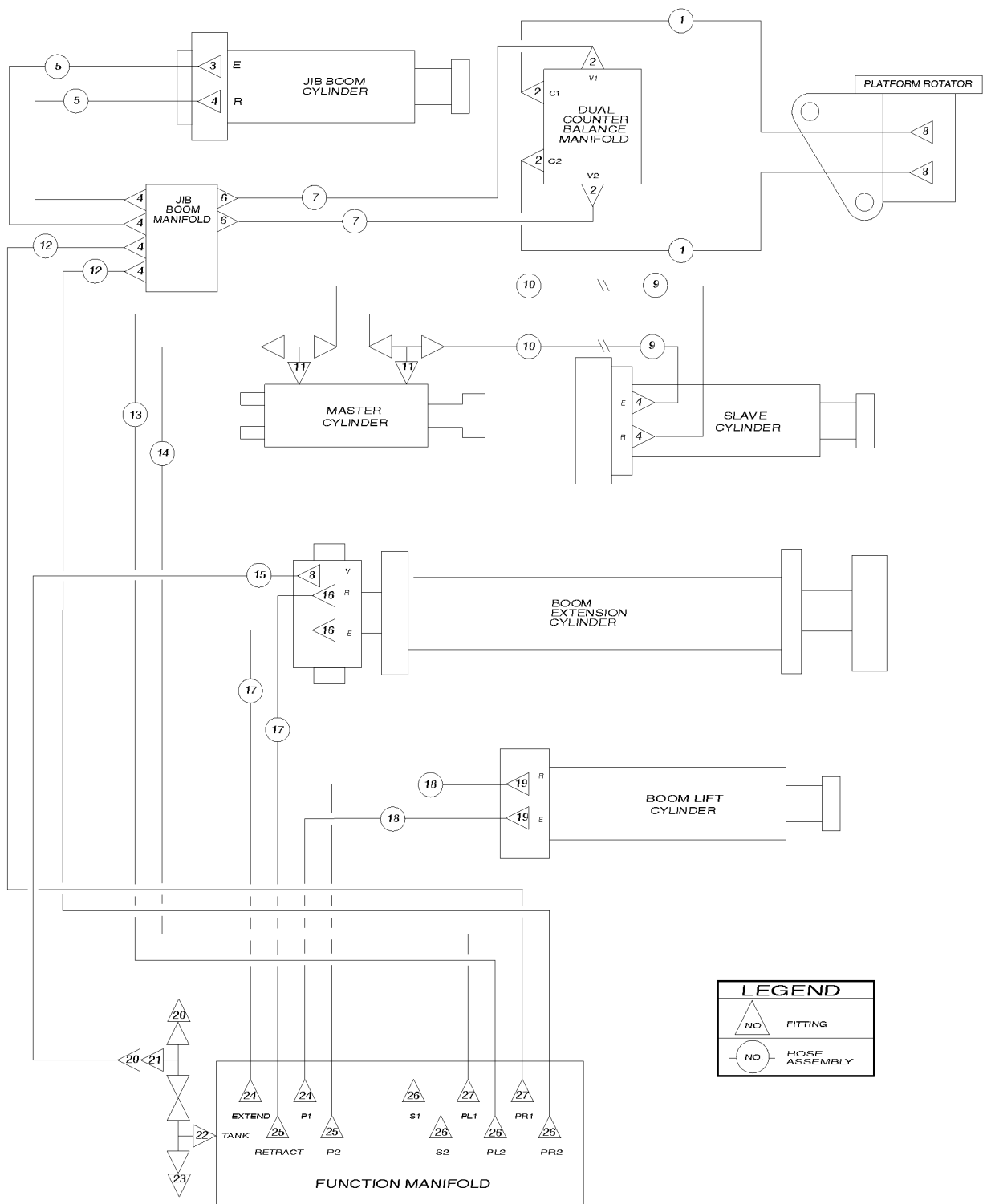
608.1 Hydraulic Hoses and Fittings - S-65 Models



608.1 Hydraulic Hoses and Fittings - S-65 Models

Item	Part No.	Description	Qty.
	33994GT	PLUG AND CAP KIT-SERVICE,37? **	
1	34631GT	FLARE TUBE ASSY,JIB COUNTERBAL	2
2	12340GT	ELBOW,070220-4-6	4
3	34799GT	CONN,070120-4-6,W/.035 OR	1
4	13756GT	CONNECTOR,070120-4-6	7
5	34600GT	HOSE ASSEMBLY, 83" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90o Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	2
6	30446GT	CONN,070120-4-6,W/.030 OR	2
7	34653GT	HOSE ASSEMBLY, 88" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	2
8	13755GT	CONNECTOR,070120-4-4	3
9	34775GT	HOSE ASSEMBLY, 24" Hose End - Male Rigid JIC, 4-4 (Synflex 3903-04504), Hose End - 90o Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	2
10	34839GT	HOSE ASSY,735" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90o Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	2
11	45705GT	TEE,BRANCH,070429-6-6	2
12	34840GT	HOSE ASSY,827" Hose End - 90o Female JIC Swivel, 4 JIC (Synflex 3903-04644), Hose End - 90o Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	2
13	34561GT	HOSE ASSEMBLY, 136" Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544), Hose End - 90o Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
14	34715GT	HOSE ASSY,127" Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544), Hose End - 90o Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	1
15	34570GT	HOSE ASSEMBLY, 186" Hose End - Female JIC Swivel, 4-2 (Synflex 3903-02544), Hose End - Female JIC Swivel, 4-2 (Synflex 3903-02544) & Hose - 1/8" Thermoplastic Medium Pressure (Synflex 3130-02)	1
16	34635GT	ELBOW,070320-6-8	2
17	34562GT	HOSE ASSEMBLY, 177" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 8-6 (Synflex 3903-06648) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	2
18	34558GT	HOSE ASSEMBLY, 96" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 8-6 (Synflex 3903-06648) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	2
19	18687GT	CONNECTOR,070120-6-8	2
20	30876GT	REDUCER,070123-10-4	2
21	22975GT	TEE,RUN,070432-10	1

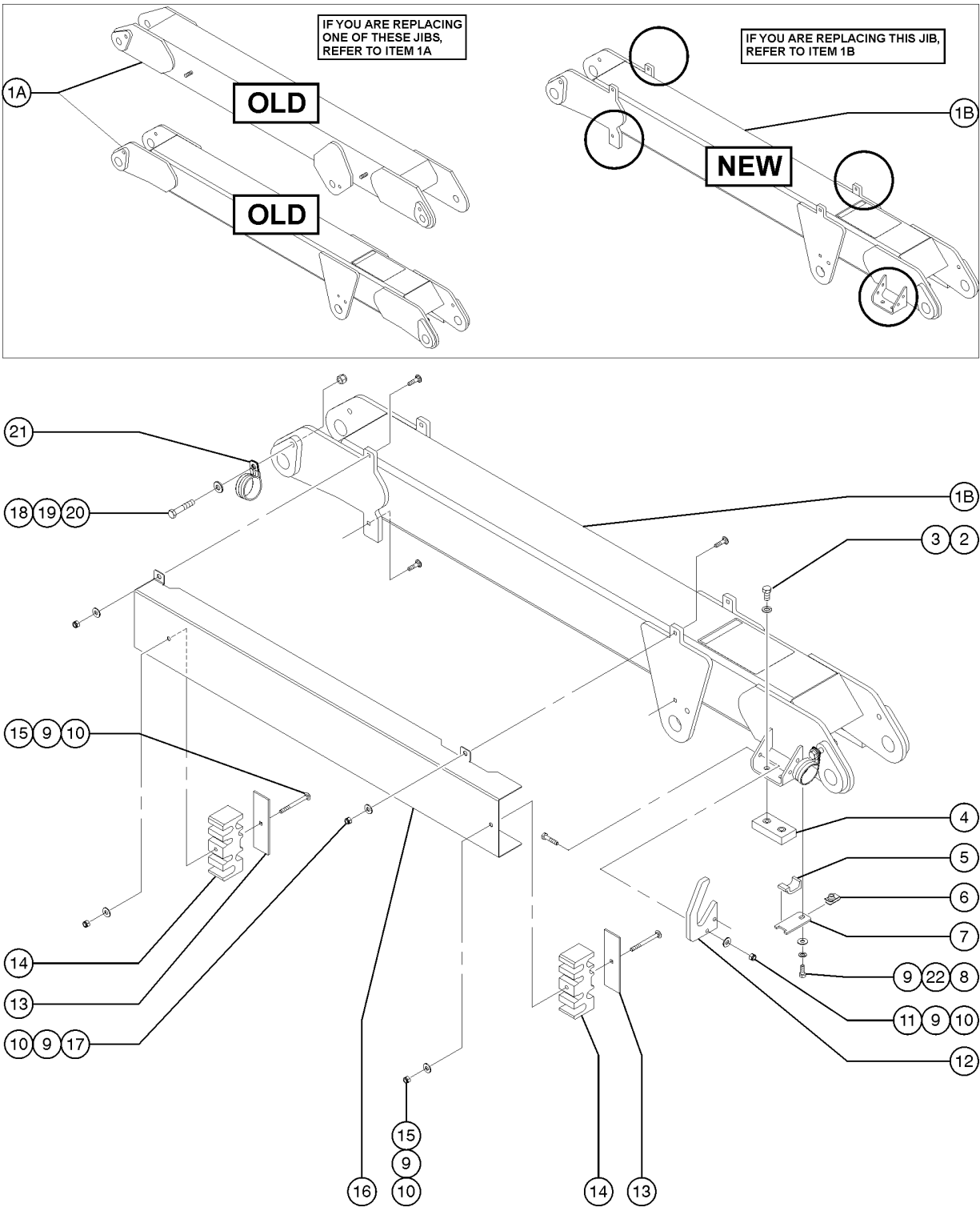
608.1 Hydraulic Hoses and Fittings - S-65 Models



608.1 Hydraulic Hoses and Fittings - S-65 Models

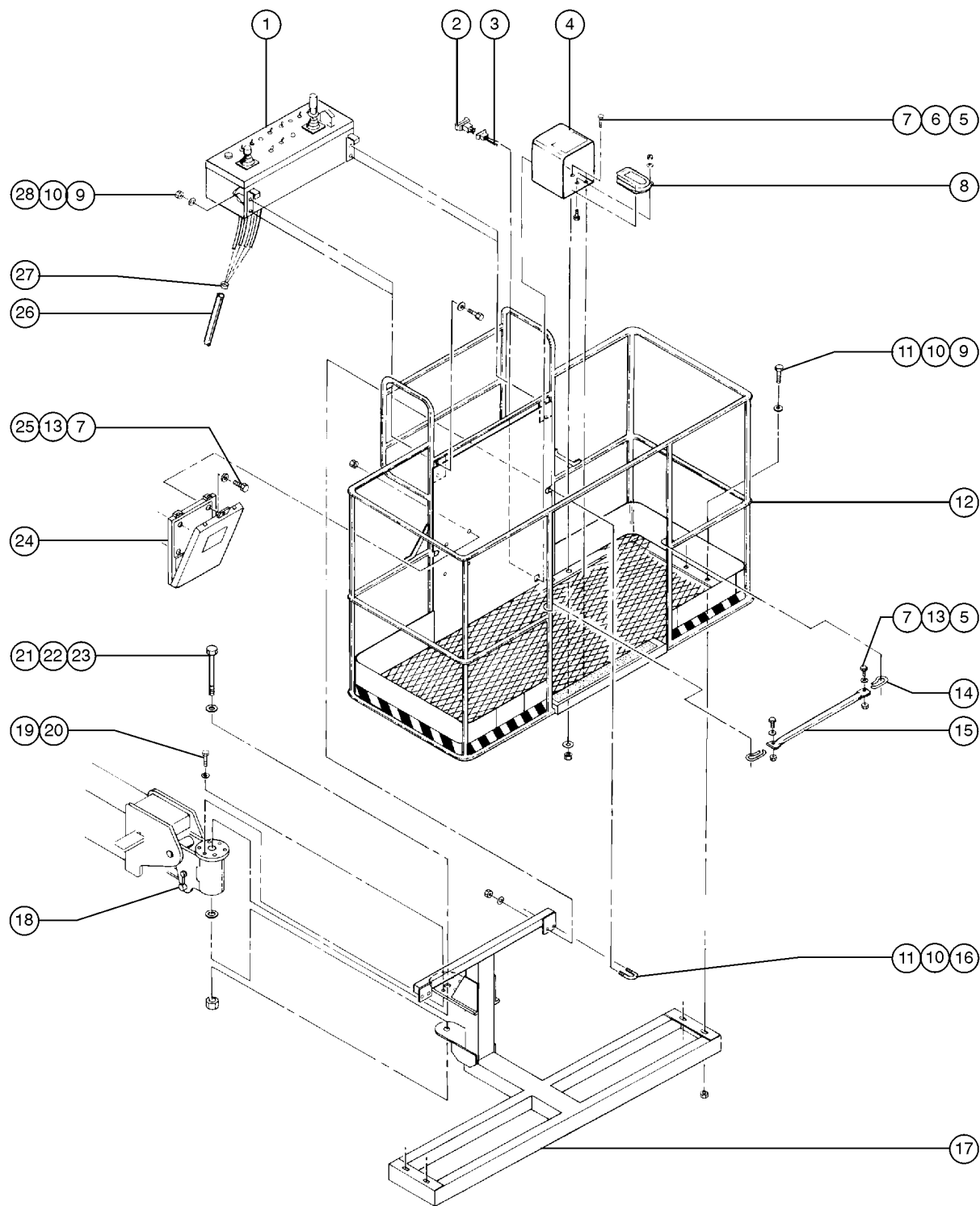
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
22	30875GT	TEE,BRANCH,070429-10-10	1
23	45170GT	HOSE END,BARBED,SWIVEL,-12-12	1
24	32156GT	CONNECTOR,070122-8-8	2
25	45703GT	CONNECTOR,070120-8-8	2
26	45412GT	CONNECTOR,070120-6-6	4
27	45412GT	CONNECTOR,070120-6-6	2

609.1 Jib Detail



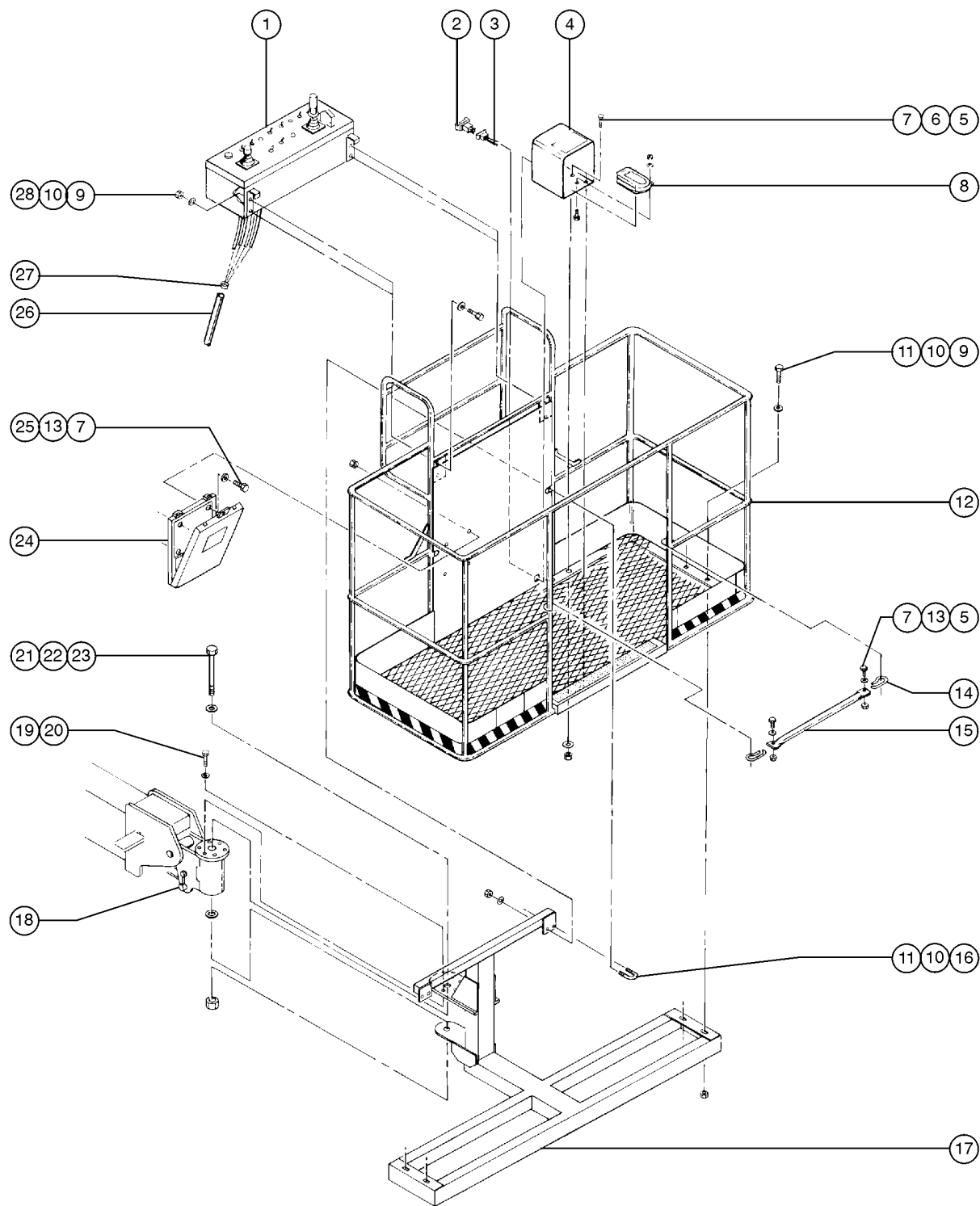
Item	Part No.	Description	Qty.
1A	128513GT	SERVICE KIT,5FT JIB required for first time replacement (includes part number 128534)	
1B	128534GT	JIB BOOM ASSY W/WORD DECAL use ONLY if service kit 128513 has been installed on the machine	1
2	8255GT	SCREW,HHC,3/8-16 X .75	
3	6021GT	WASHER, LOCK, .375	
4	81640GT	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	6888GT	SCREW, HHC, 1/4-20 X 1	
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
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
22	6356GT	WASHER,LOCK,.25	

701.1 Platform Installation



Item	Part No.	Description	Qty.
1		Ref. Platform Controls refer to section 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
2-	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	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
3-	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	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

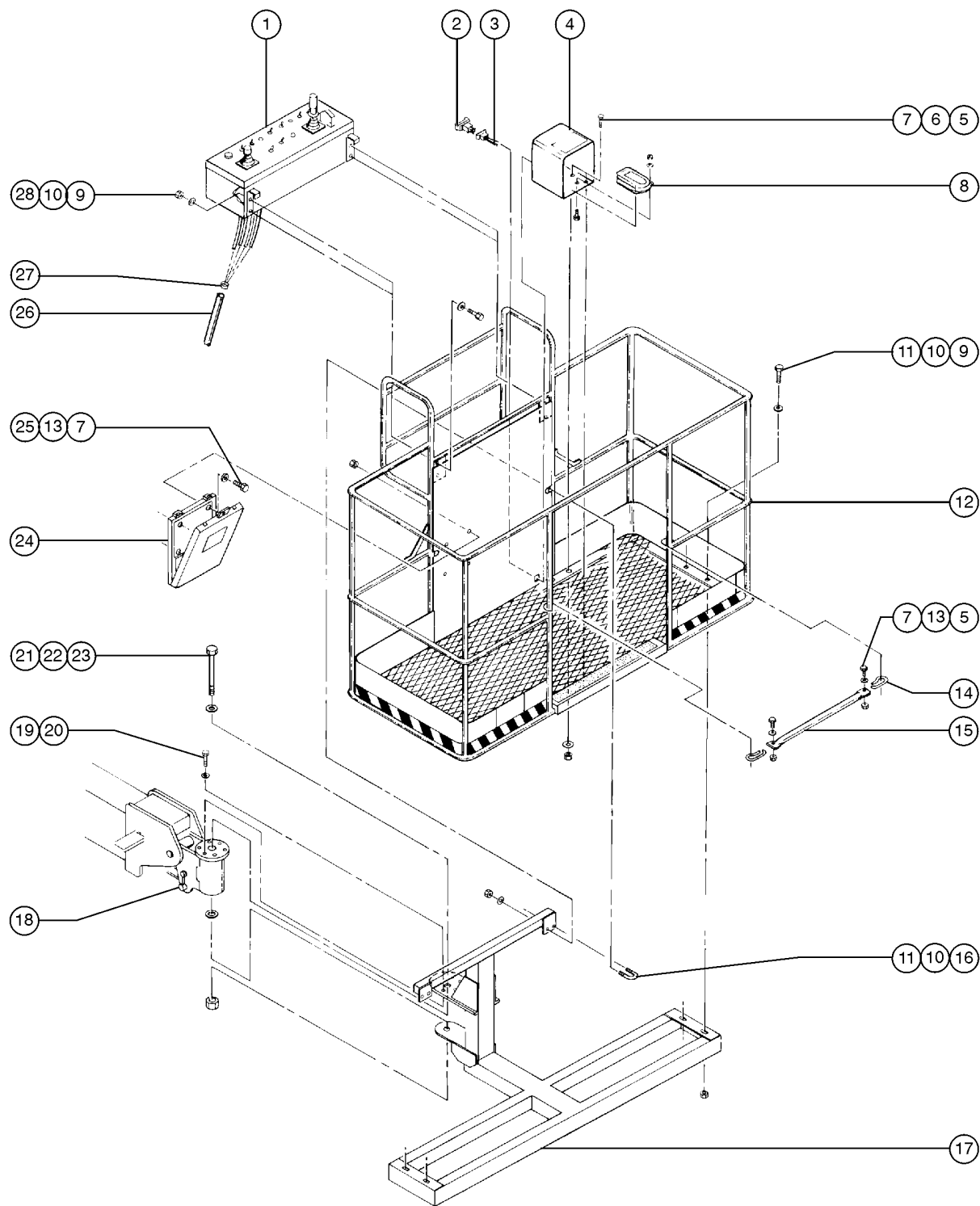
701.1 Platform Installation



701.1 Platform Installation

Item	Part No.	Description	Qty.
12		PLAT.ASSY,6FT-S40/S60-95'& S80 Older platform 32704 is no longer available, order Side Swing Gate Platform Assy 1286759GT	1
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		PLATFORM SUPPORT WELDMENT refer to sections 605.1 or 606.1	1
18		Ref. Hydraulic Rotator - Platform refer to sections 605.1 or 606.1	1
19	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	6
20	6033GT	WASHER,LOCK,0.5"	6
21	30286GT	SCREW,HHC,1-8 X 12IN GRD.2***	1
22	122079GT	WASHER,FLAT,1.000,HARDENED	2
23	29764GT	NUT,NYLOCK,1-8	1
24	44743GT	MANUAL BOX W/DECALS*** USA/Canada/Australia	1
24B	24514GT	BOX, INSTRUCTION STORAGE** Europe/Asia/South America (decals required; refer to Section100)	
25	6090GT	SCREW, HHC, 1/4-20 X .75	4
26	28678GT	SLEEVE,NYLON,2" I.D.,BULK(100')	88 in ch es

701.1 Platform Installation

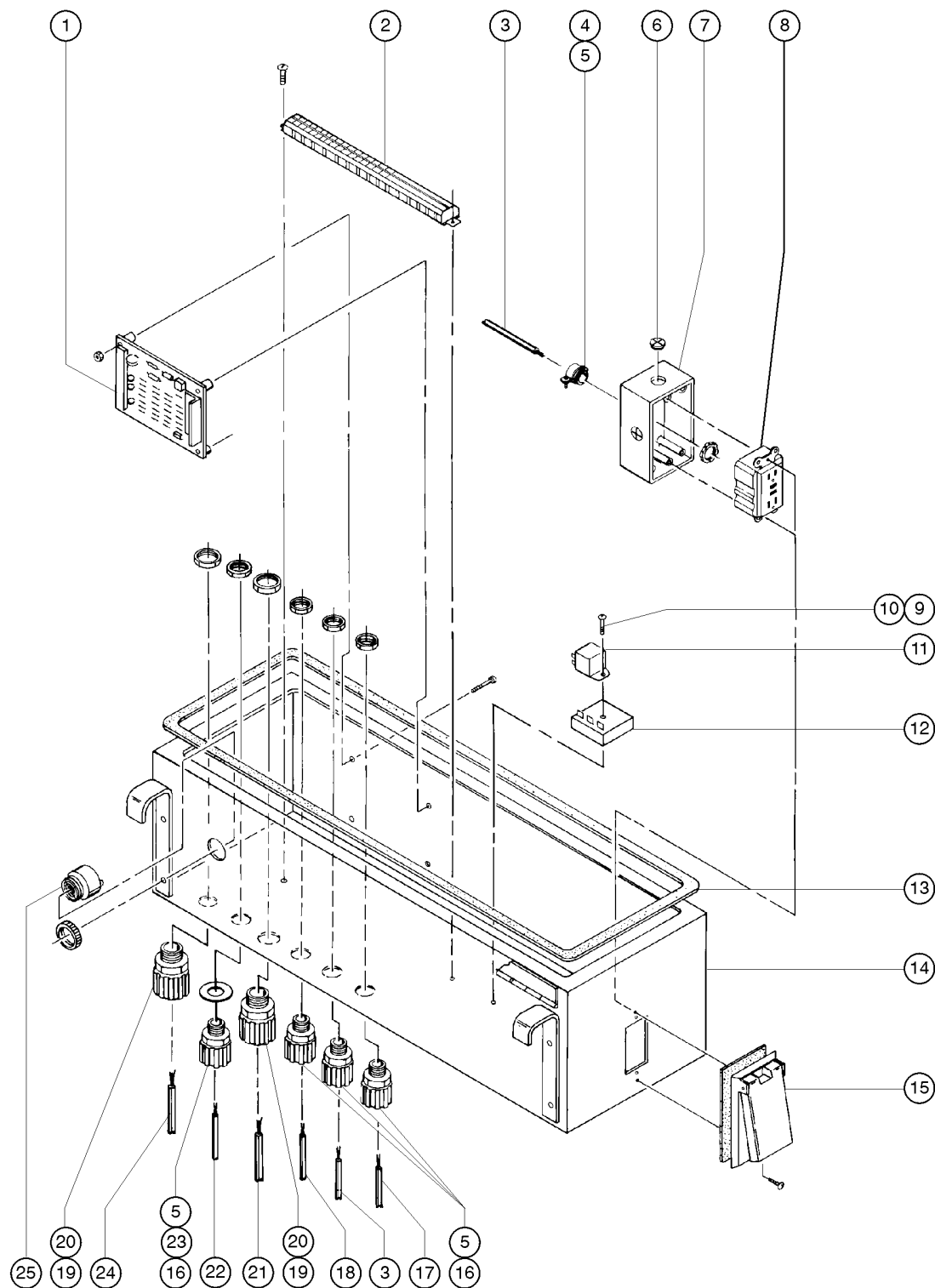


701.1 Platform Installation

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
27	28443GT	CABLE TIE, 11.5" BLACK	3
28	7113GT	Nut - Low Profile Nylock 3/8-16	4

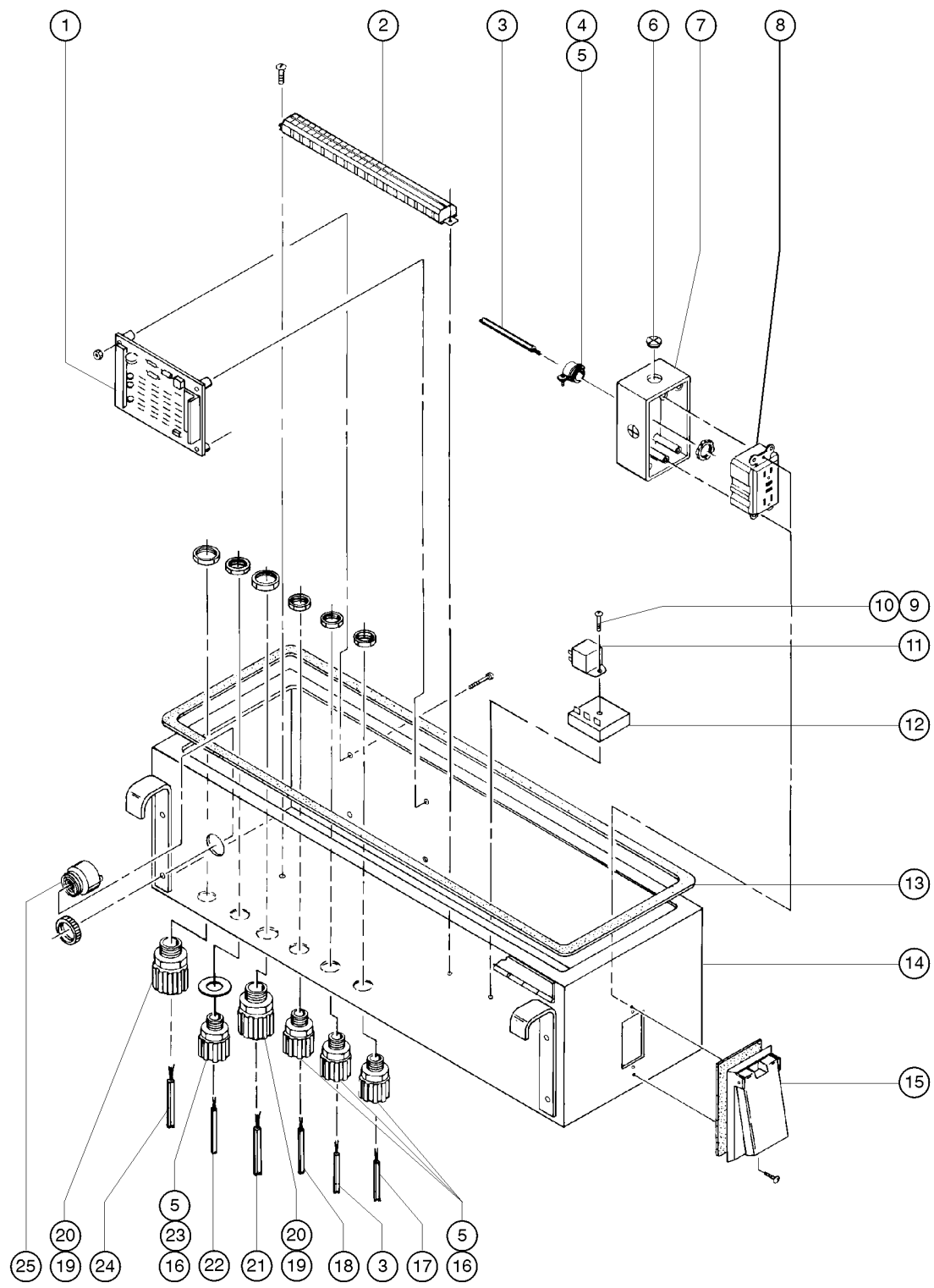


702.1 Platform Controls - View 1, S-60



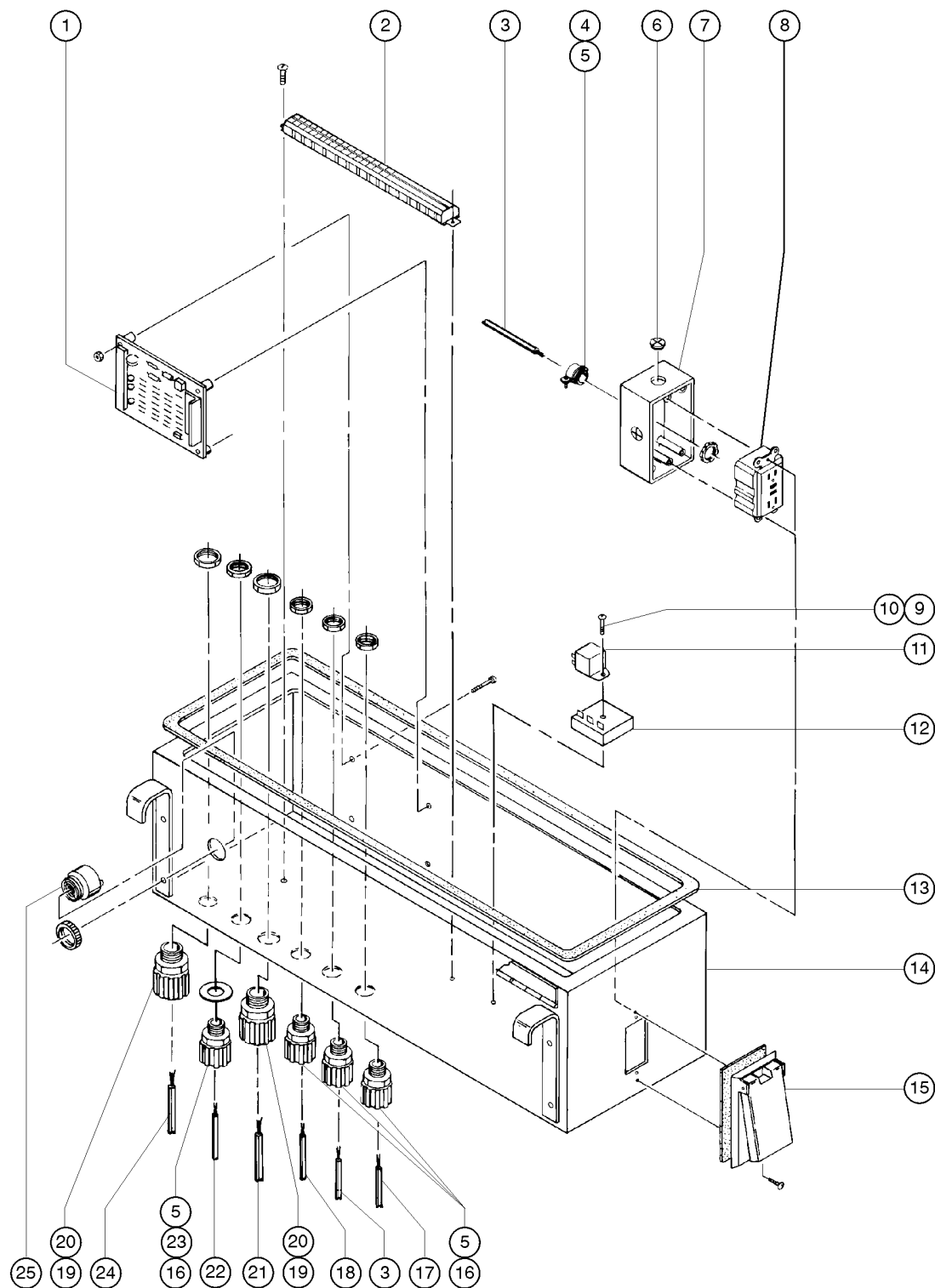
Item	Part No.	Description	Qty.
	33996GT	SCREWDRIVER,TERMINAL BLOCK	
1		LIMITER PC BOARD, HORSEPOWER (includes mounting fasteners), no longer available	1
1-	39591GT	SPACER,NYLON,.375	4
2	32637GT	TERMINAL BLOCK,WAGO	48
3	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	960 in ch es
4	6622GT	GROUND CONNECTOR,1/2"	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	35003GT	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	1
15-	33629GT	PLATE,UK POWER TO PLATFORM	1
15-	33724GT	KIT,GASKET,UK POWER TO PLAT	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	960 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	960 in ch es
22	35934GT	WIRE CABLE,18/19 CON.TPRJKT	960 in ch es
23	34769GT	WASHER,REDUCING 3/4" TO 1/2"	1
25	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1

702.1 Platform Controls - View 1, S-60



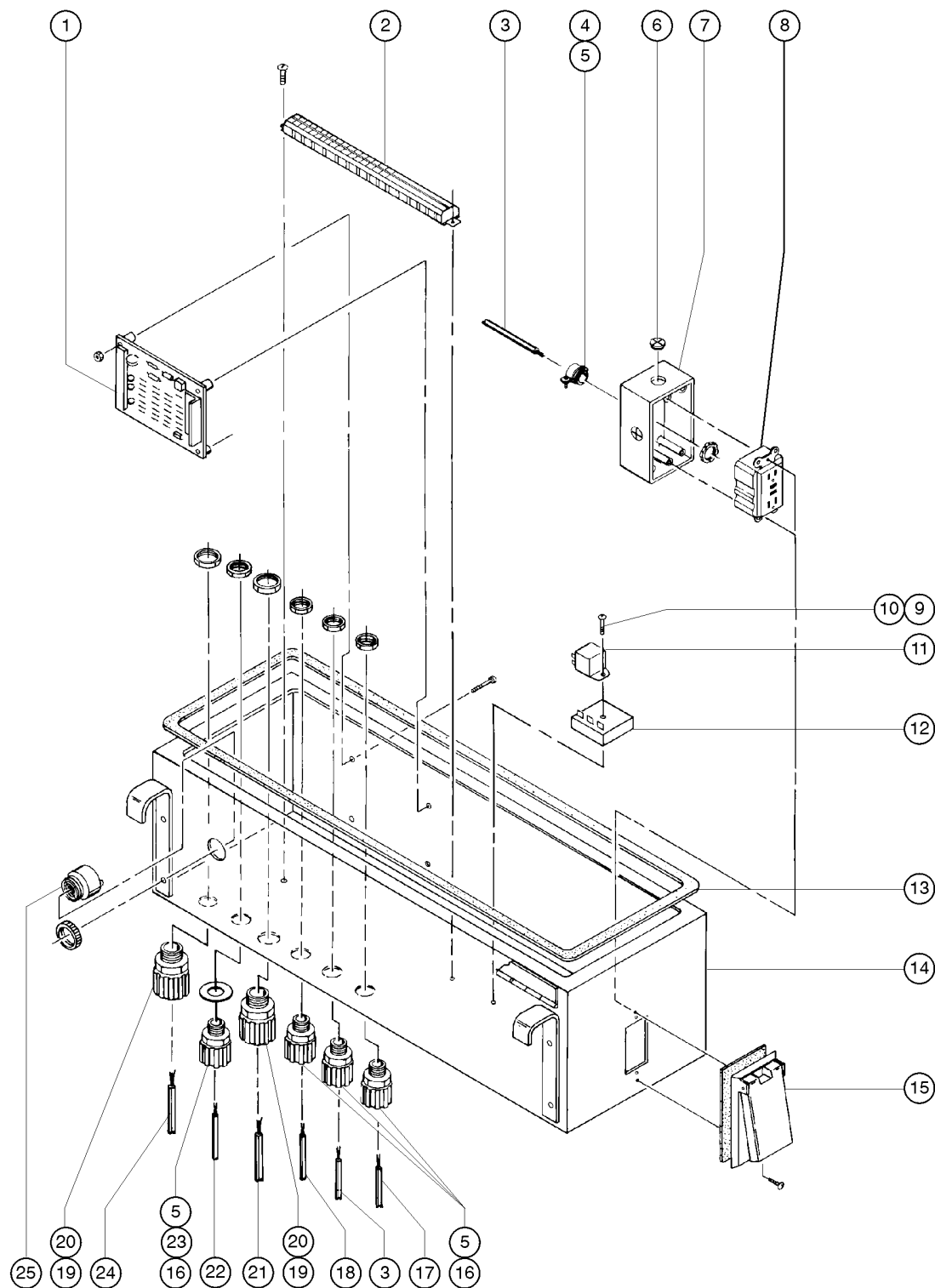
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
25-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1

702.2 Platform Controls - View 1, S-65



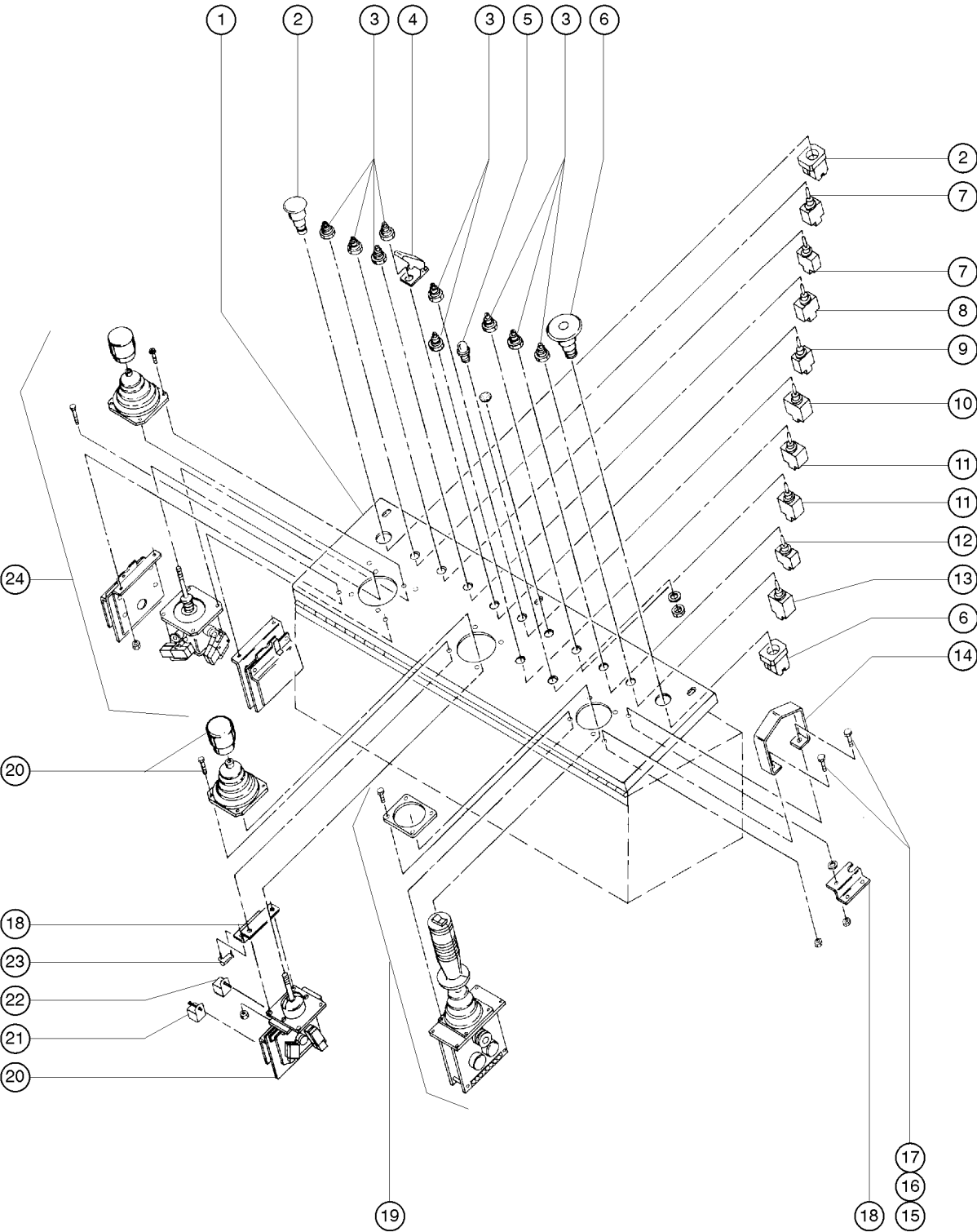
Item	Part No.	Description	Qty.
A	119867GT	WIRING KIT,JIB TIME DELAY IC	
A-	43181GT	CAPACITOR,TIME DELAY	
A-	19274GT	RELAY,SPDT,12V(AUTO)**	
1		LIMITER PC BOARD, HORSEPOWER (includes mounting fasteners) no longer available	1
1-	39591GT	SPACER,NYLON,.375 sold separately	4
2	32637GT	TERMINAL BLOCK,WAGO	48
2	33996GT	SCREWDRIVER,TERMINAL BLOCK	
3	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	960 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-	35003GT	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
15-	33629GT	PLATE,UK POWER TO PLATFORM	1
15-	33724GT	KIT,GASKET,UK POWER TO PLAT	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	960 in ch es
19	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	2

702.2 Platform Controls - View 1, S-65



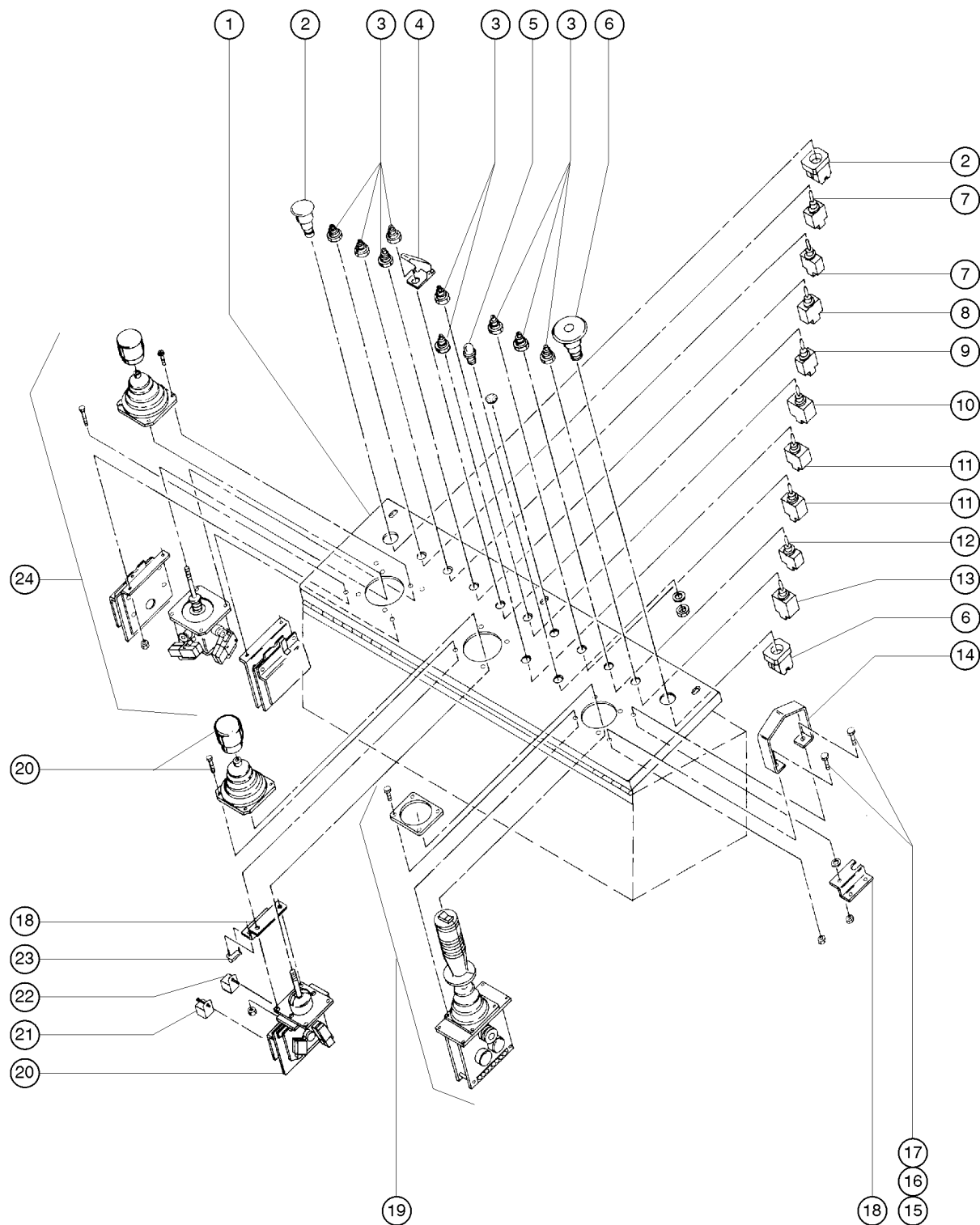
Item	Part No.	Description	Qty.
20	14041GT	LOCKNUT,ELECTRIC,3/4"	2
21	35934GT	WIRE CABLE,18/19 CON.TPRJKT	960 in ch es
22	35934GT	WIRE CABLE,18/19 CON.TPRJKT	960 in ch es
23	34769GT	WASHER,REDUCING 3/4" TO 1/2"	1
24	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	120 in ch es
25	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
25-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1

703.1 Platform Controls - View 2, S-60



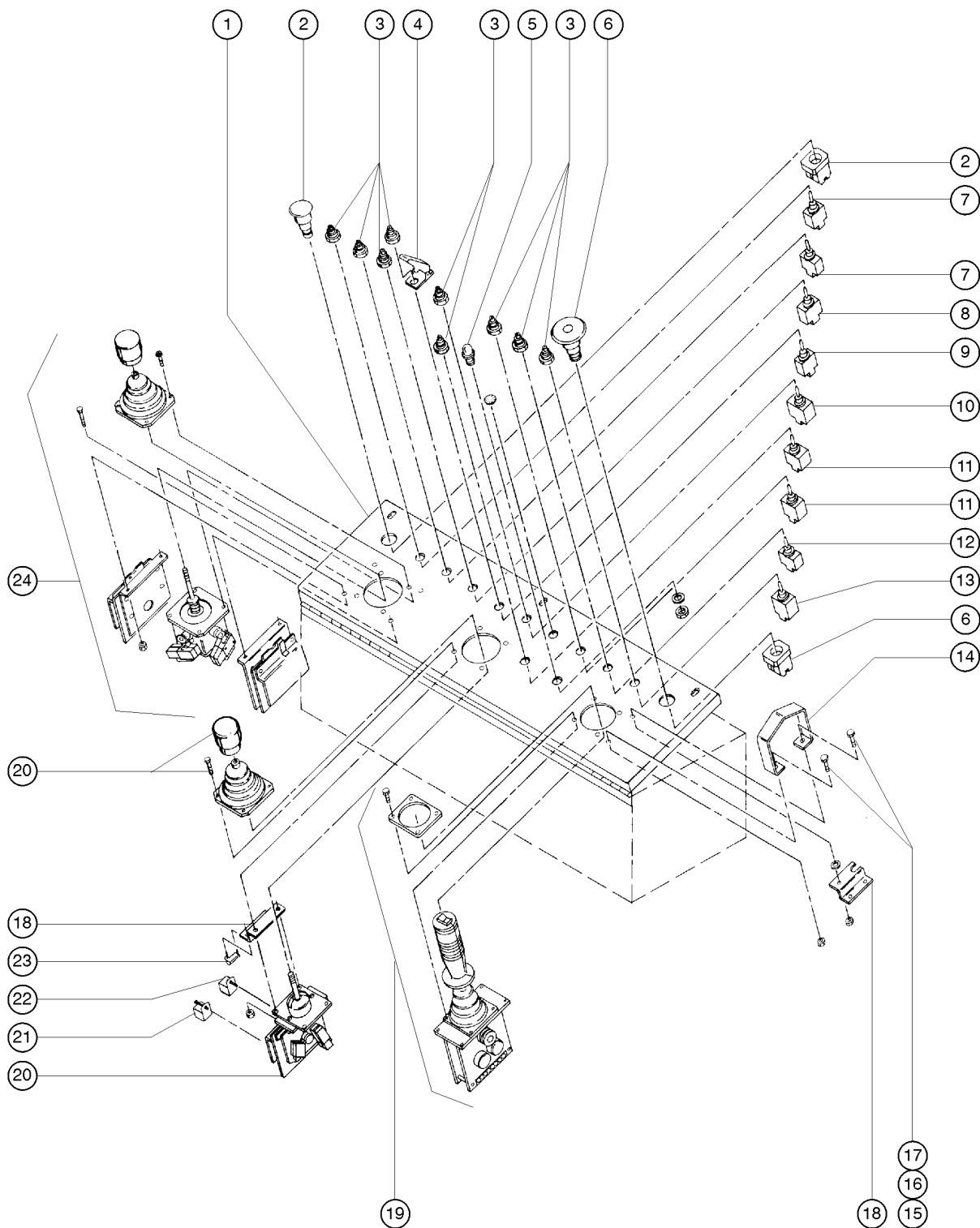
Item	Part No.	Description	Qty.
1	33474GT	CONTROL BOX W/DECAL,PLAT.	1
2	122513GT	KIT,HORN SVC BB&SM BOOM required ONLY for first time replacement	1
2-	66813GT	BUTTON,PUSH,BLACK W/SEAL ***	1
2-	66815GT	BASE, W/1 N.O. CONTACTS***	
2-	66816GT	CONTACT,N.O.***	1
3	27246GT	BOOT,TOGGLE SWITCH,SHORT*	9
4	13471GT	COVER, AUXILIARY POWER SWITCH	1
5	824879GT	LIGHT,LED IND. RED 12V NH	1
5-	824879GT	LIGHT,LED IND. RED 12V NH	
6	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
6-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
6-	66821GT	BASE,WITHOUT CONTACTS	1
6-	66818GT	CONTACT,NC	2
7	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN includes mounting fasteners	2
9	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN includes mounting fasteners	1
10	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT* includes mounting fasteners	1
11	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* includes mounting fasteners	2
12	13038-SGT	SWITCH,TOGGLE,DPDT,3POS MAINT includes mounting fasteners	1
13	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT* includes mounting fasteners; Gasoline/LPG models	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	24495GT	JOYSTICK,SINGLE AXIS PROPORT OEM joystick	1
20-	24495HGT	JOYSTICK,SINGLE AXIS PROPORT aftermarket joystick replacement	

703.1 Platform Controls - View 2, S-60



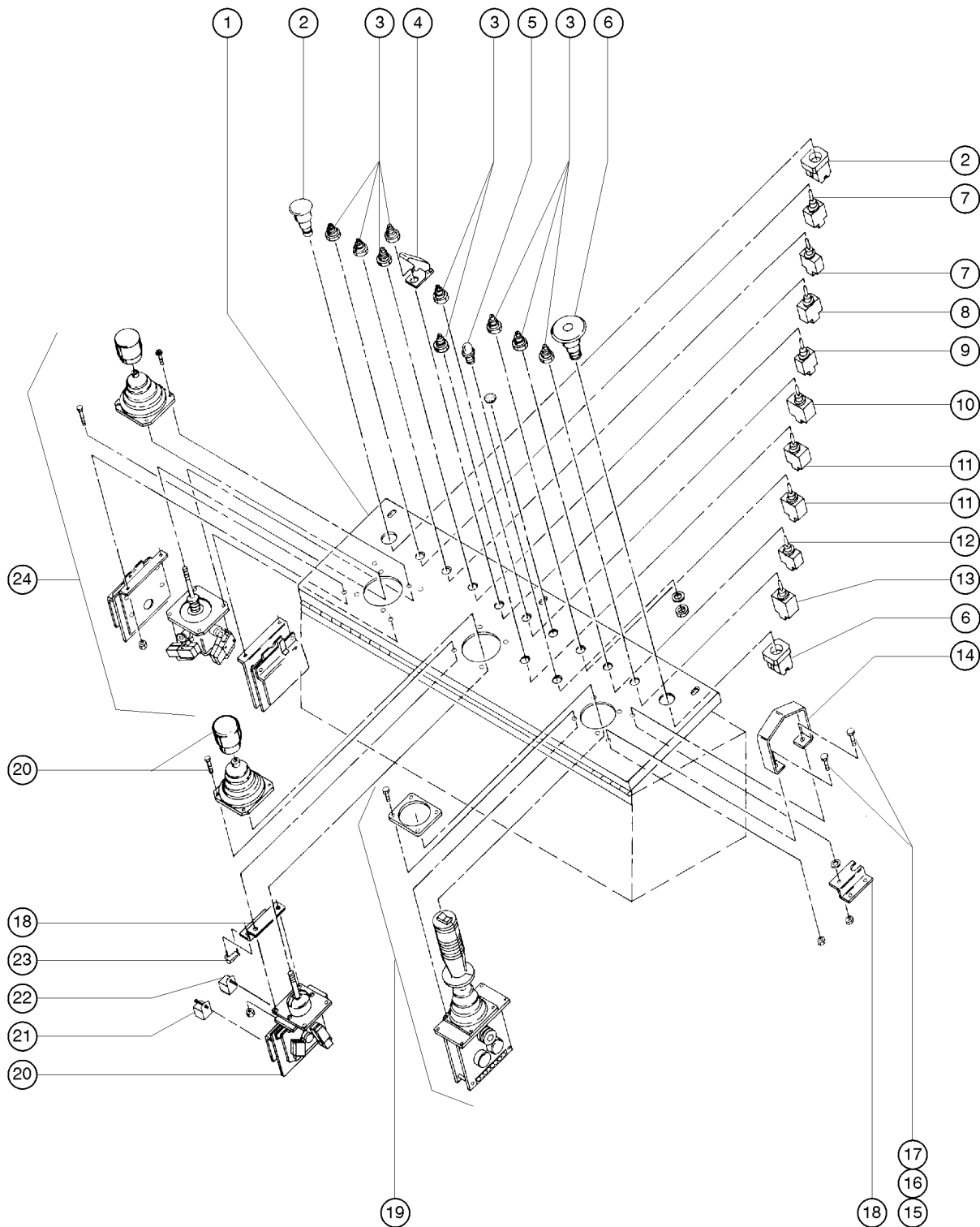
Item	Part No.	Description	Qty.
22	19274GT	RELAY,SPDT,12V(AUTO)**	1
23	27116GT	RESISTOR,100 OHM,25 WATT 4WD models	1
23	34798GT	RESISTOR,150 OHM,25 WATT 2WD models	1
24	40613GT	JOYSTICK,DUAL AXIS CONTROLL.** OEM joystick	1
24-	40613HGT	JOYSTICK,DUAL AXIS CONTROLL.** aftermarket joystick replacement	

703.2 Platform Controls - View 2, S-65



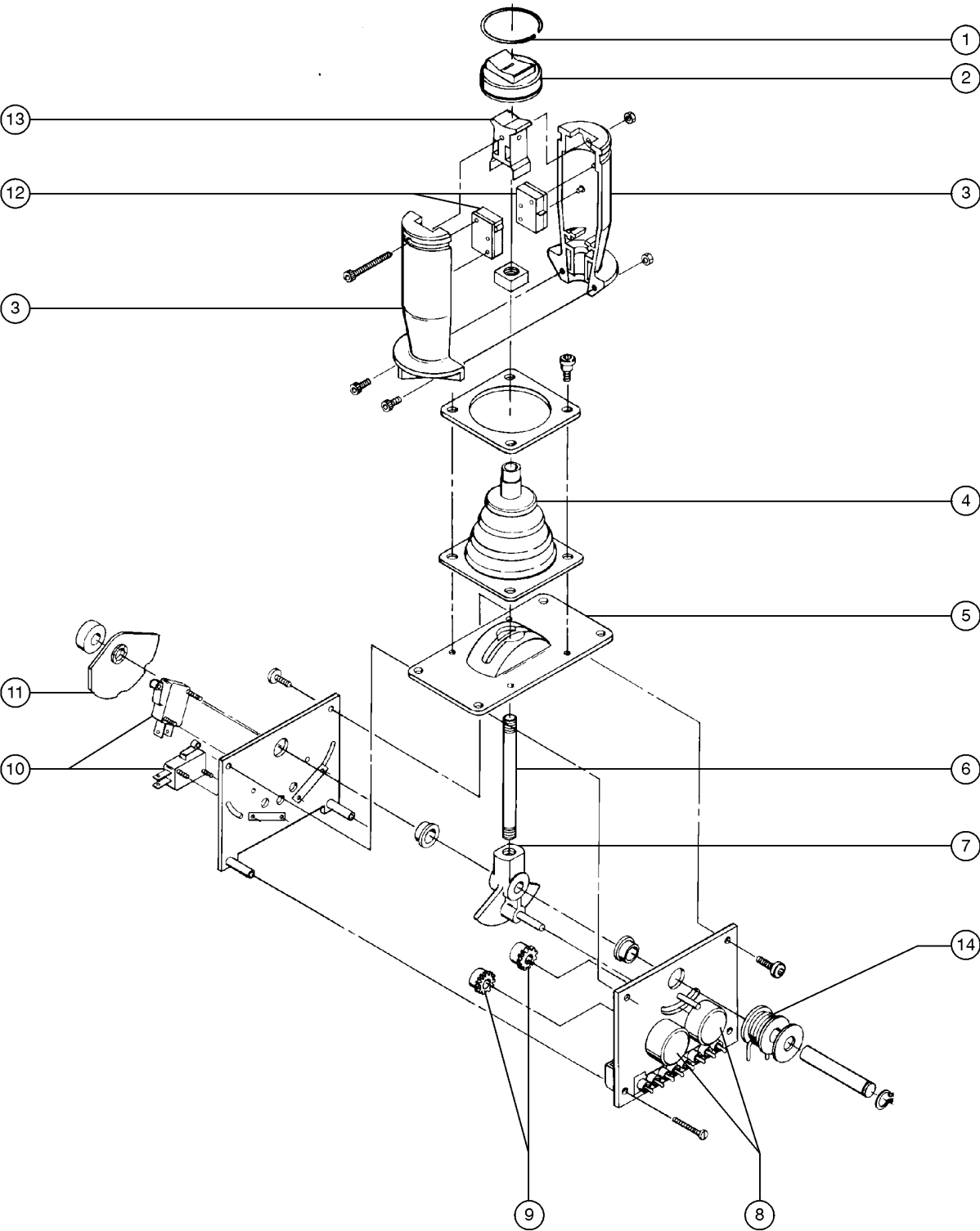
Item	Part No.	Description	Qty.
1	33474GT	CONTROL BOX W/DECAL,PLAT.	1
2	122513GT	KIT,HORN SVC BB&SM BOOM	1
2-	66813GT	BUTTON,PUSH,BLACK W/SEAL ***	1
2-	66815GT	BASE, W/1 N.O. CONTACTS***	1
3	27246GT	BOOT,TOGGLE SWITCH,SHORT*	9
4	13471GT	COVER, AUXILIARY POWER SWITCH	1
5	824879GT	LIGHT,LED IND. RED 12V NH	1
5-	824879GT	LIGHT,LED IND. RED 12V NH	
6	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
6-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
6-	66821GT	BASE,WITHOUT CONTACTS	1
6-	66818GT	CONTACT,NC	2
7	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN includes mounting fasteners	2
8	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* includes mounting fasteners	1
9	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN includes mounting fasteners	1
10	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT* includes mounting fasteners	1
11	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* includes mounting fasteners	2
12	13038-SGT	SWITCH,TOGGLE,DPDT,3POS MAINT includes mounting fasteners	1
13	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT* includes mounting fasteners; Gasoline/LPG models	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	24495GT	JOYSTICK,SINGLE AXIS PROPORT OEM joystick	1
20-	24495HGT	JOYSTICK,SINGLE AXIS PROPORT aftermarket joystick replacement	

703.2 Platform Controls - View 2, S-65



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

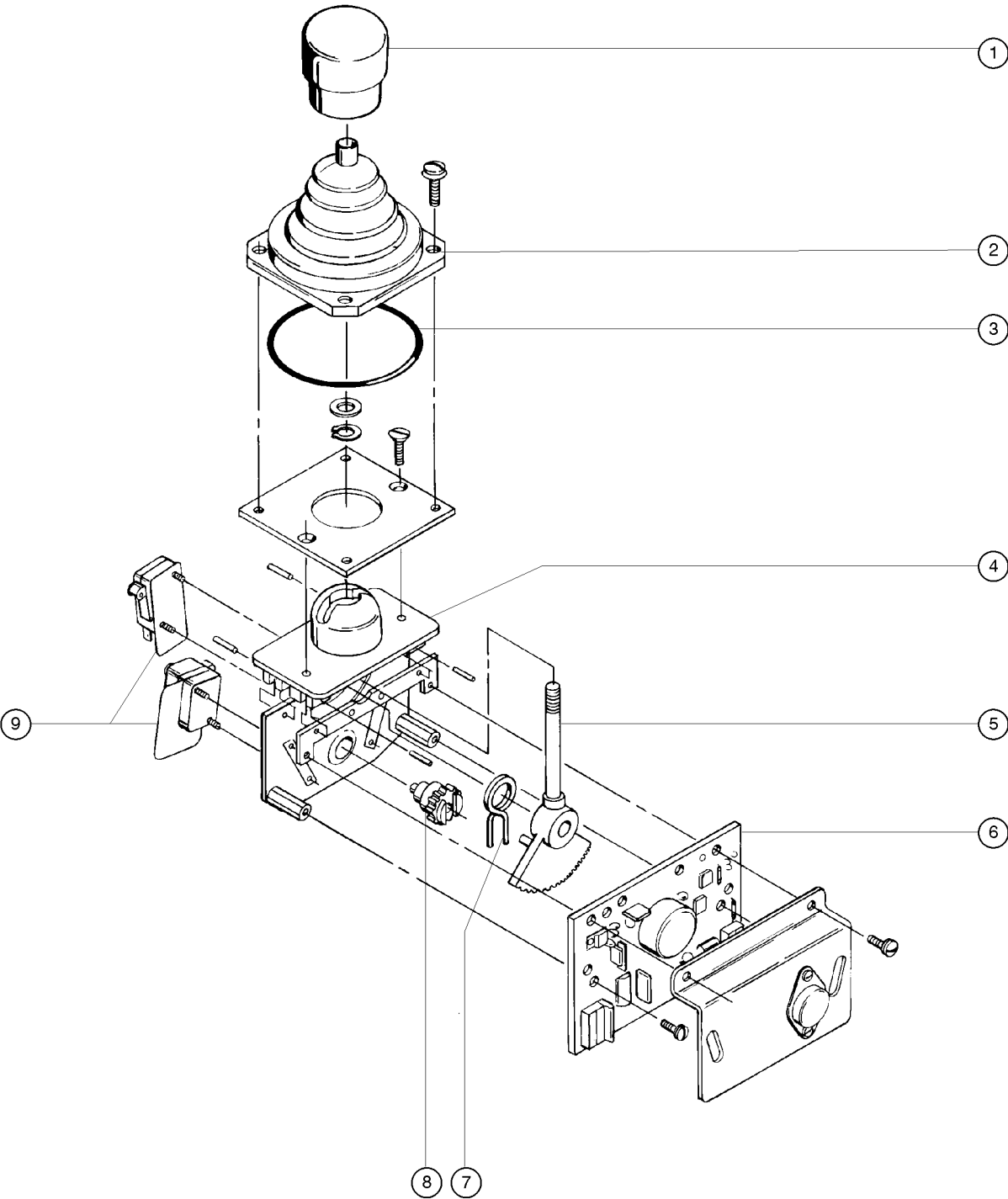
704.1 Joystick Controller - Drive / Steer Functions



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) order qty (2) required	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)* consult factory when ordering	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
14	58209GT	SPRING,RETURN***	

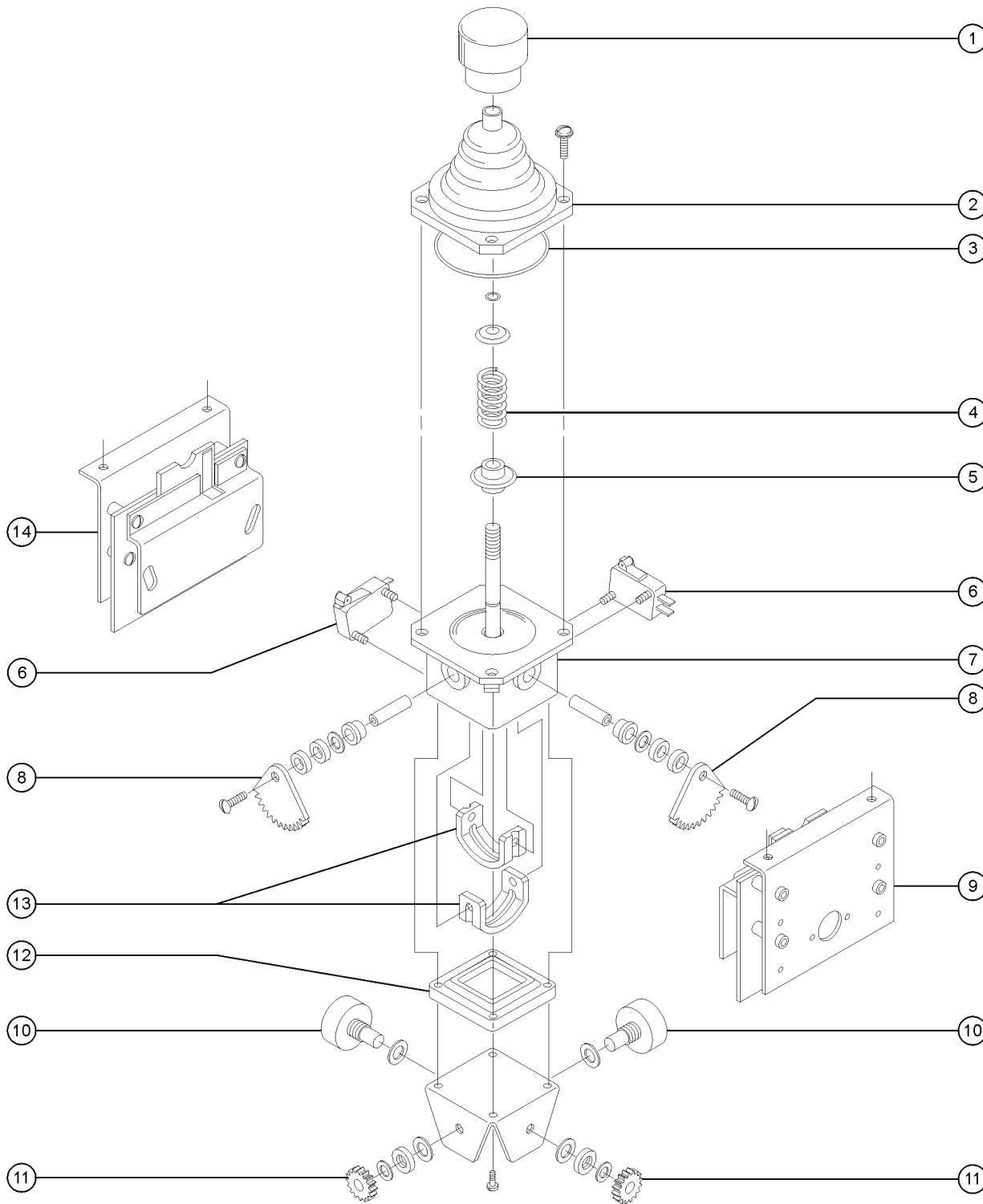
705.1 Joystick Controller - Boom Functions, Single Axis



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-	19718GT	POTENTIOMETER,45049	1
7	21434GT	SPRING & BUSHING KIT,RETURN***	1
8	19731GT	GEAR, SLAVE, MS4,45048	1
9	19712GT	MICROSWITCH,V3L-139-D8	2

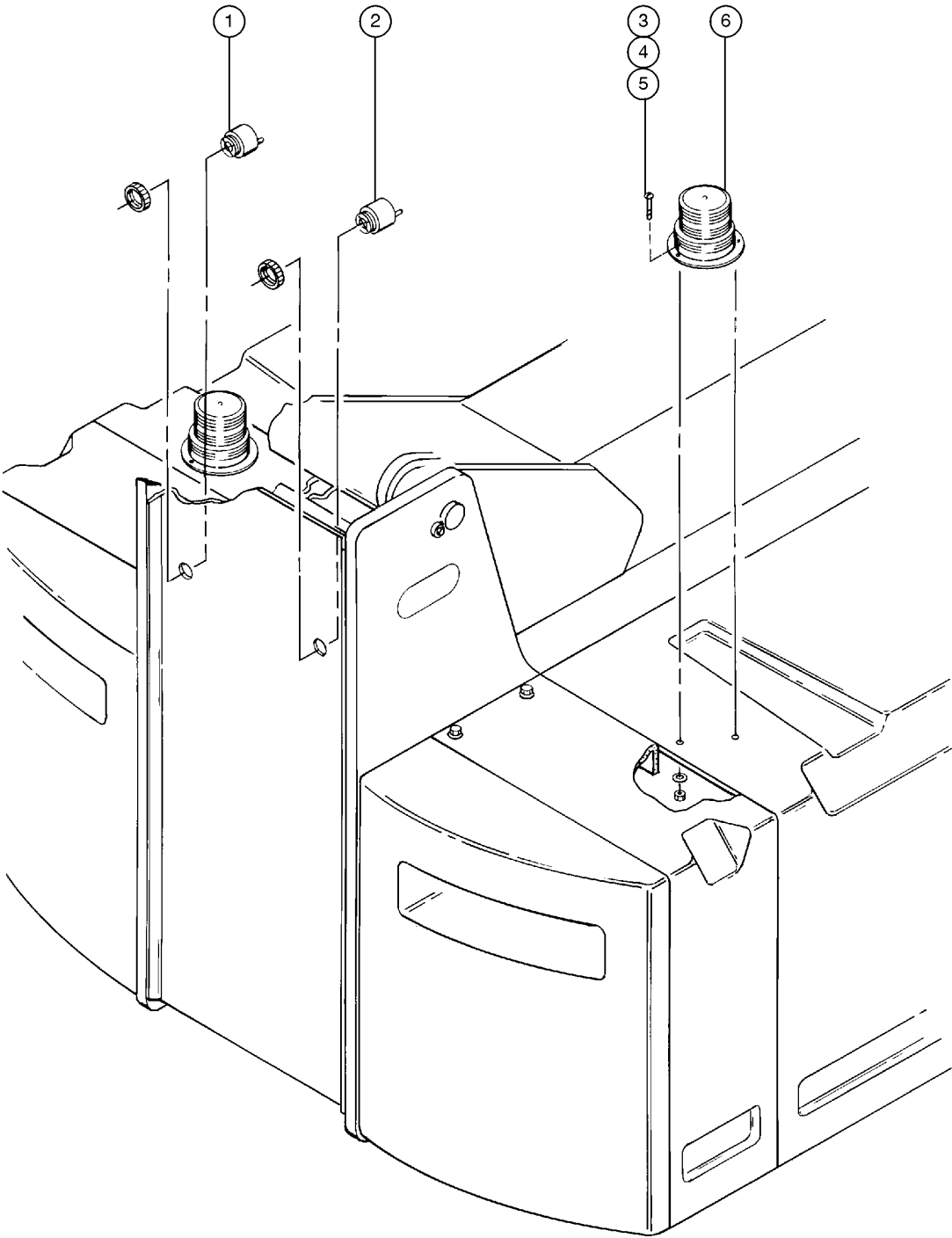
706.1 Joystick Controller - Boom Functions, Dual Axis



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 includes 46272	1
2-	46272GT	FLANGE-JOYSTICK MOUNTING,44988	1
3	31526GT	O-RING,BOOT,CONTROLLER to SN 1321	1
4		SPRING,24493 CONTROLLER no longer available	1
5	31283GT	BUSHING,SPRING SEAT	1
6	19712GT	MICROSWITCH,V3L-139-D8 to SN 1321	4
6-	19712GT	MICROSWITCH,V3L-139-D8 from SN 1322	2
7	31284GT	SHAFT ASSY W/HOUSING	1
8	27512GT	JOYSTICK, DRIVE GEAR, (24493)	2
9	48413GT	PCB,ASSY,BOOM ROTATE,40613*	1
10	33518GT	POTENTIOMETER (34419) to SN 1321	2
10-	72356GT	POTENTIOMETER (40613) from SN 1322 (round body) (supplier p/n EPVR-342)	2
10-	83088GT	POTENTIOMETER (40613) from SN 1322 (square body) (supplier p/n EPVR-464)	
11	27514GT	GEAR, SLAVE, 24493	2
12	58923GT	SADDLE BRCKT40613,34419,53073*	1
13	37948GT	SADDLES-SET(24493,40613,53073*	1
14	48414GT	PCB,ASSY,BOOM UP/DOWN,40613***	1

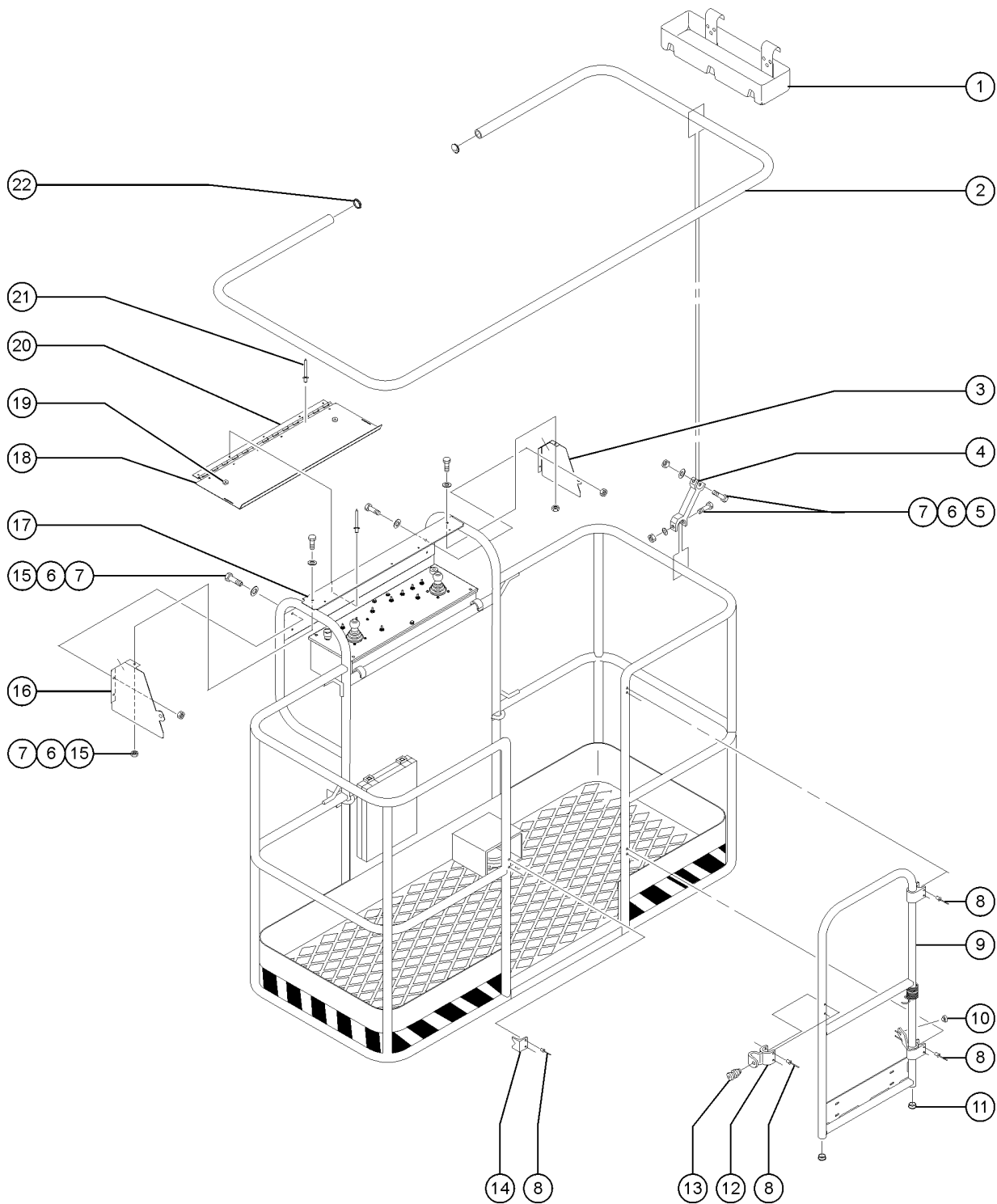
801.1 Alarm and Beacon Package



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	230392GT	ALARM,DESCENT 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	

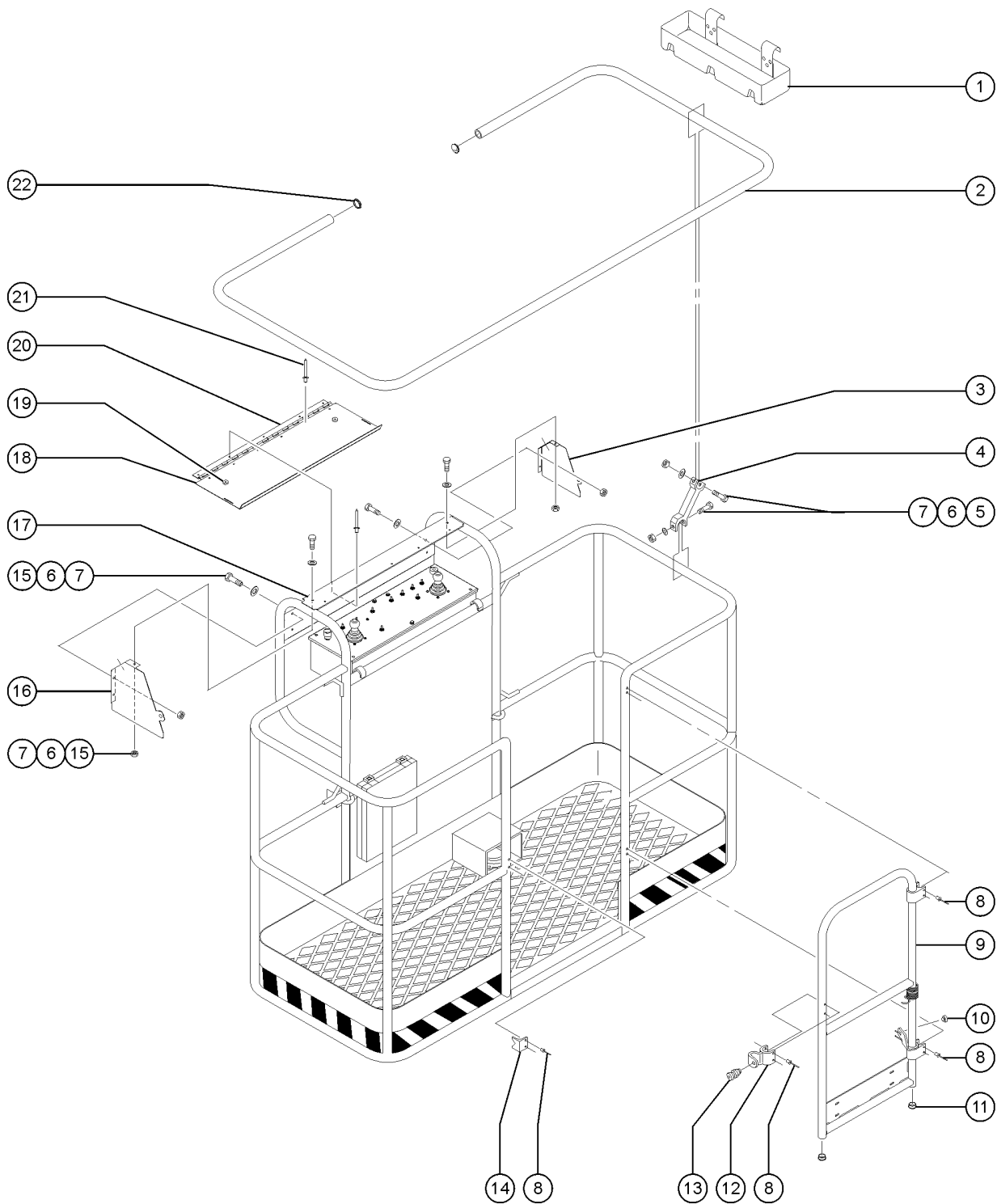
802.1 Platform Options



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**	
18	89915PGT	COVER,CONTROL BOX LID	
18-	119795GT	KIT,CONTROL BOX COVER	
19	43392GT	BUMPER,BATTERY BOX & RAILS	
20	111526GT	HINGE,PLAT CONTROL BOX COVER	

802.1 Platform Options

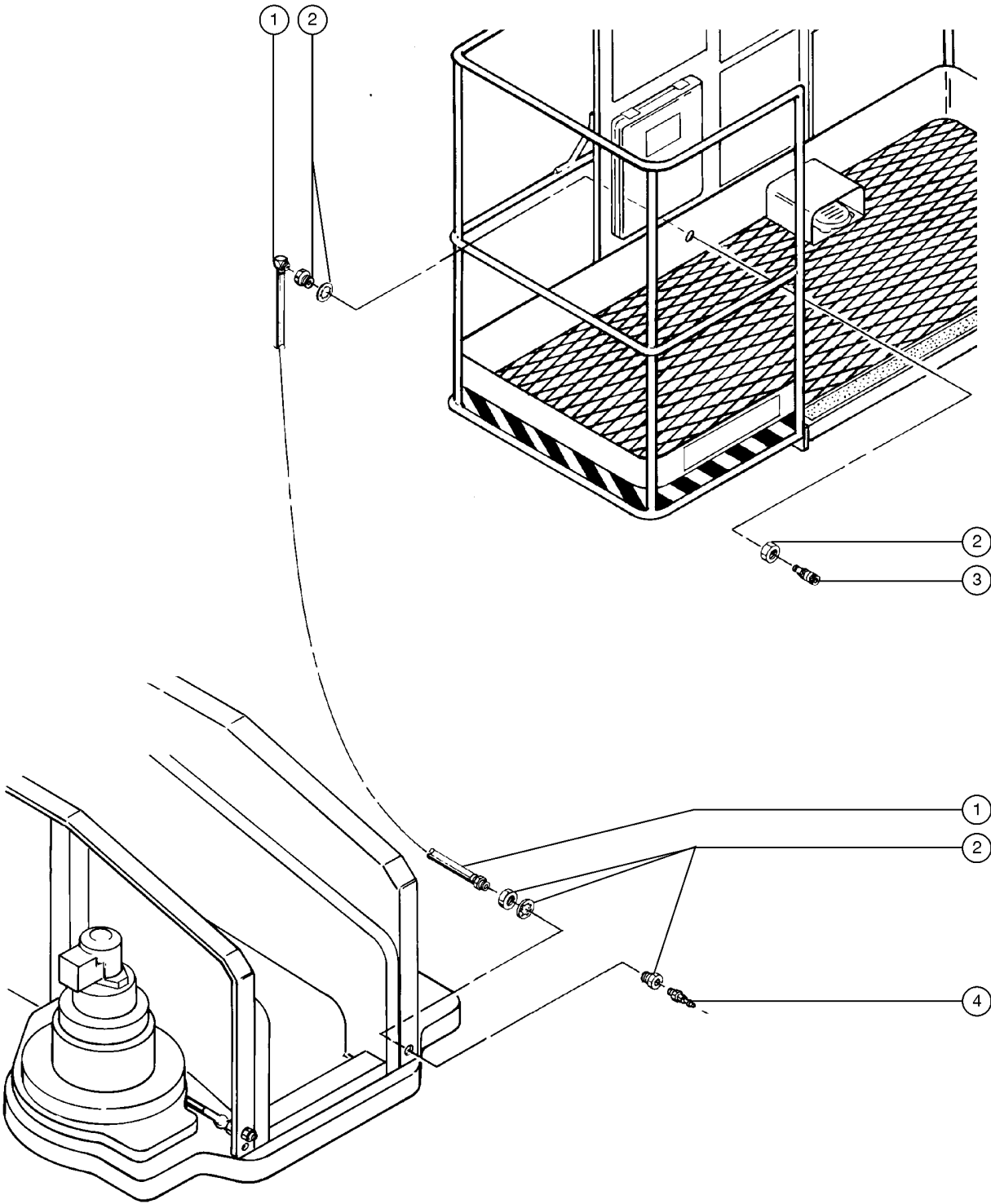


802.1 Platform Options

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



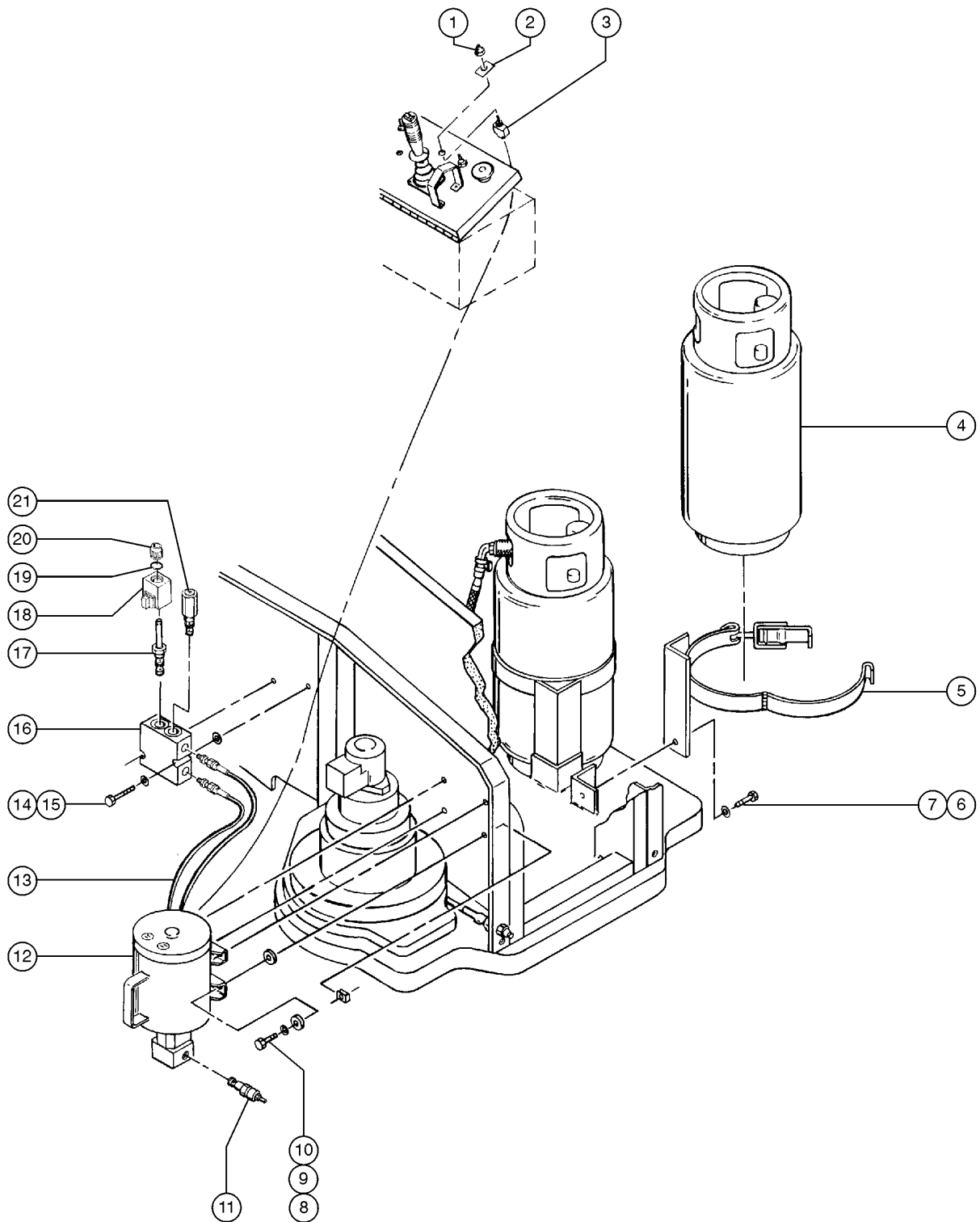
803.1 Airline to Platform



803.1 Airline to Platform

Item	Part No.	Description	Qty.
1	33892GT	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

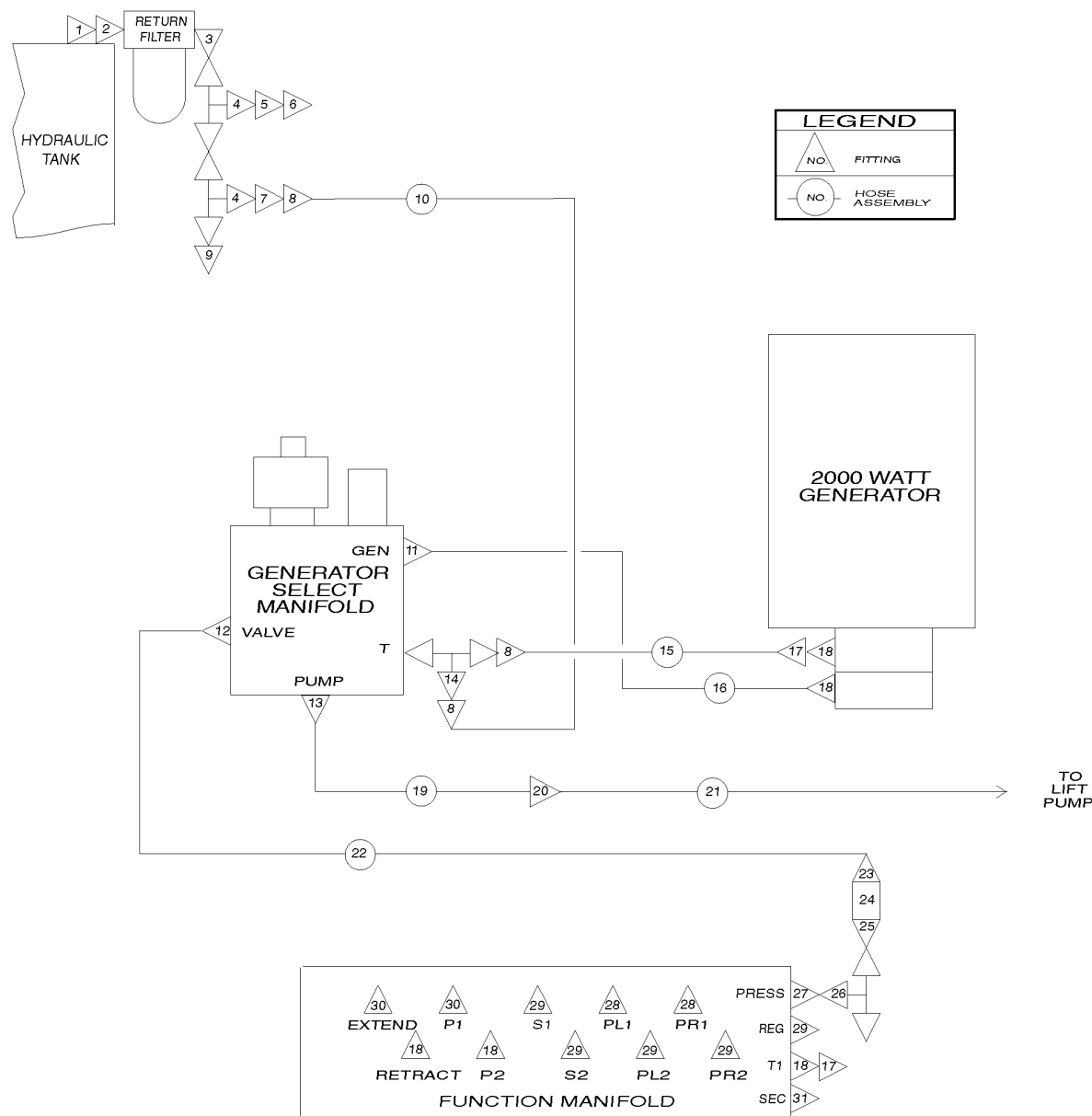
804.1 2000 Watt Generator and Spare LPG Tank



804.1 2000 Watt Generator and Spare LPG Tank

Item	Part No.	Description	Qty.
	46980GT	GEN S60 2000W SERV OPT***	
	30630GT	S40,60,80SPARE L.P.TANK W/BRKT	
1	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
2	32728GT	DECAL,OPTION GENERATOR***	1
3	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT*	1
		includes mounting fasteners	
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	1
		for 2000W & 2500W generators	
12	58301GT	GENERATOR,2000W,HYDRAULIC***	1
		includes index number 11	
12-	32732GT	RECTIFIER ASSEMBLY	1
12-	58402GT	BRIDGE,50A FULL WAVE**	1
12-	32734GT	BRUSH ASSEMBLY	1
12-	32736GT	MOTOR,HYDRAULIC GENERATOR	1
13		Ref. Hydraulic Hoses and Fittings - Generator Option	1
		refer to section 805.1	
14	4266GT	SCREW,HHC,1/4-20 X 2	2
15	6638GT	WASHER, FLAT, USS, 1/4"Y	4
16	53976GT	MANIFOLD,GENERATOR	1
		includes index numbers 17 through 21	
17	19969GT	VALVE,SOLENOID (18660)***	1
		includes index numbers 18 through 20	
18	27535GT	COIL,12V.DO1 VALVE	1
		use until exhausted	
19	45914GT	O-RING, DO1 VALVE	1
20	45913GT	NUT,DO1 VALVE	1
21	44950GT	VALVE,RELIEF,1500 PSI***	1

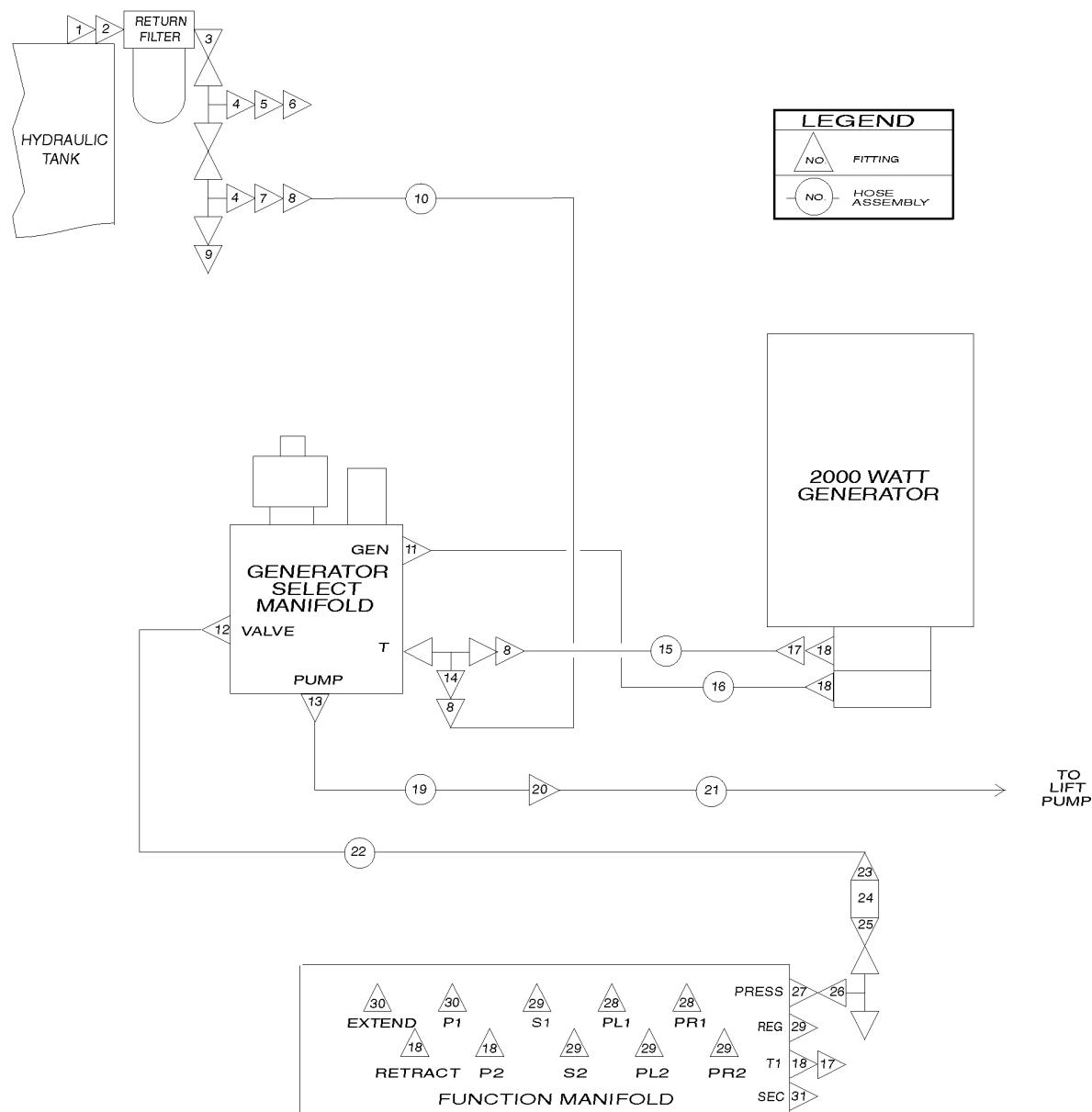
805.1 Hydraulic Hoses and Fittings, 2000 Watt Generator Option



805.1 Hydraulic Hoses and Fittings, 2000 Watt Generator Option

Item	Part No.	Description	Qty.
	33994GT	PLUG AND CAP KIT-SERVICE,37?***	
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	2
5	20022GT	ELBOW,070221-12-12	1
6	45359GT	HOSE END,BARBED,SWIVEL,-12-12	1
7	20325GT	REDUCER,070123-12-8	1
8	20324GT	HOSE END,BARBED,SWIVEL,-8-8	3
9	45170GT	HOSE END,BARBED,SWIVEL,-12-12	1
10	34911GT	HOSE 57" Hose - 1/2" Push On (Weatherhead H20108)	1
11	45357GT	ELBOW,070220-8-8***	1
12	20925GT	ELBOW,070220-12-12	1
13	19687GT	CONNECTOR,070120-12-12	1
14	20334GT	TEE,RUN,070428-8	1
15	34947GT	HOSE 32" Hose - 1/2" Push On (Weatherhead H20108)	1
16	34909GT	HOSE ASSY. 27" Hose End - Female JIC Swivel, 8-8 (Synflex 3903-08548), Hose End - 90o Female JIC Swivel, 8-8 (Synflex 3903-08648) & Hose - 1/2" Thermoplastic High Pressure (Synflex 3800-08)	1
17	28597GT	HOSE END,BARBED,SWIVEL,90DEG-8	2
18	45703GT	CONNECTOR,070120-8-8	5
19	34910GT	HOSE ASSY. 14" Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612), Hose End - 90o Female JIC Swivel, 12-12 (Weatherhead 12U-672) & Hose - 3/4" 3000 PSI (207 bar) (Weatherhead H300-12)	1
20	34948GT	UNION,070101-12-12	1
21	34557GT	HOSE ASSEMBLY, 62" Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612), Hose End - 90o Female JIC Swivel, 12-12 (Weatherhead 12U-672) & Hose - 3/4" 3000 PSI (207 bar) (Weatherhead H300-12)	1
22	34912GT	HOSE ASSY. 48" Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612), Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612) & Hose - 3/4" 3000 PSI (207 bar) (Weatherhead H300-12)	1
23	29897GT	ELBOW,070320-12-8	1
24	31798GT	VALVE,CHECK,#8 O-RING PORTS	1

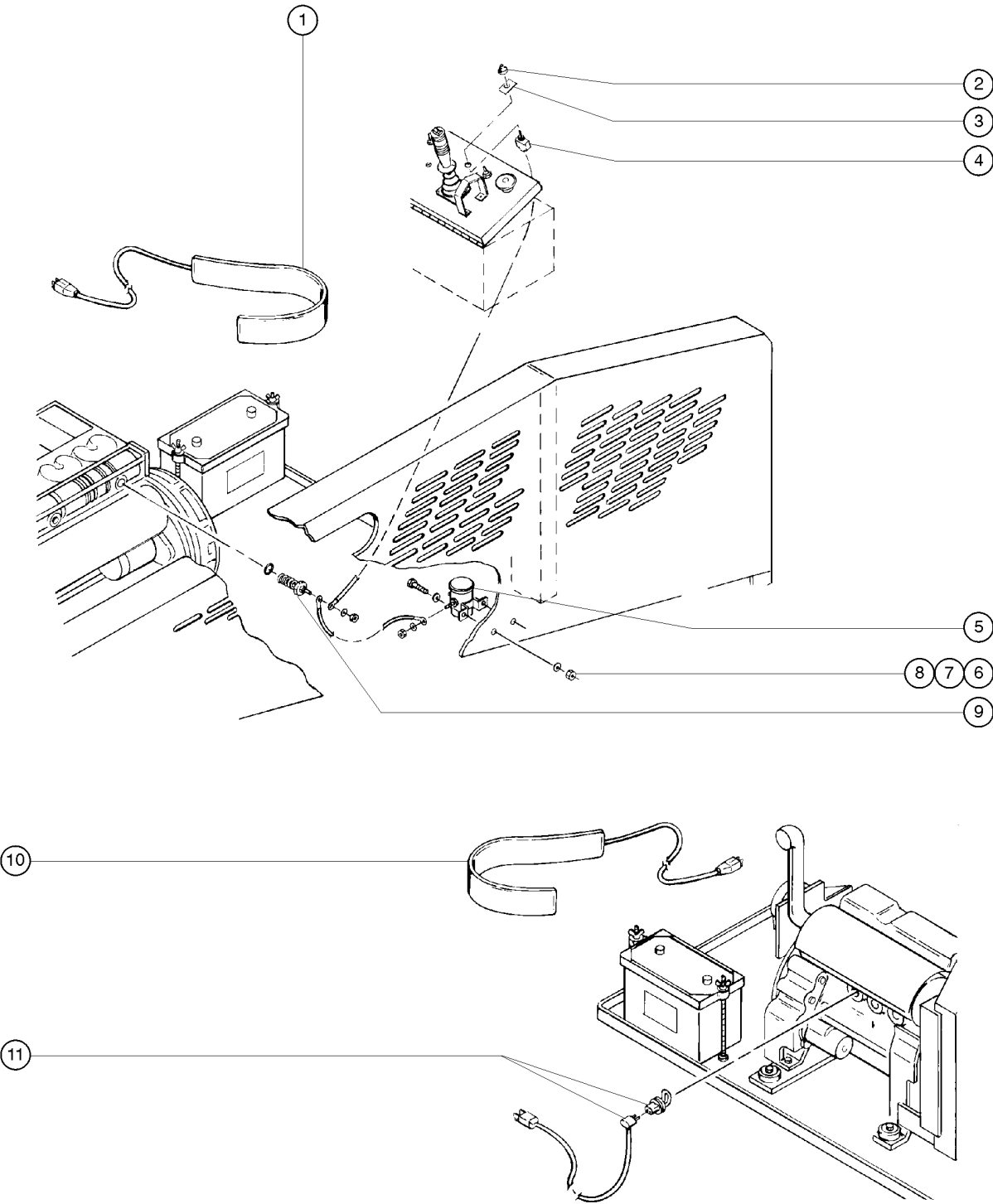
805.1 Hydraulic Hoses and Fittings, 2000 Watt Generator Option



805.1 Hydraulic Hoses and Fittings, 2000 Watt Generator Option

Item	Part No.	Description	Qty.
25	31797GT	ADAPTER,6402-8-8	1
26	22540GT	TEE,BRANCH,070429-8-8	1
27	27192GT	ADAPTER,O-RING,G6410-10-8	1
28	45412GT	CONNECTOR,070120-6-6	2
29	45412GT	CONNECTOR,070120-6-6	5
30	32156GT	CONNECTOR,070122-8-8	2
31	18687GT	CONNECTOR,070120-6-8	1

806.1 Cold Start Package - Ford & Deutz Engines



806.1 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	1
		Deutz Diesel models	
2	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
		Deutz Diesel models	
3	32726GT	DECAL,OPTION GLOW PLUGS***	1
		Deutz Diesel models	
4	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*	1
		includes mounting fasteners; Deutz Diesel models	
5	27155GT	SOLENOID,12V CONTINUOUS***	1
		Deutz Diesel models	
6	6091GT	NUT,NYLOCK,1/4-20	2
		Deutz Diesel models	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	4
		Deutz Diesel models	
8	6888GT	SCREW, HHC, 1/4-20 X 1	2
		Deutz Diesel models	
9	31408GT	GLOW PLUG,L1011	1
		Deutz Diesel models	
10	28853GT	BLANKET,BATTERY	1
		Gasoline/LPG models	
11	35610GT	HEATER,FREEZE PLUG,FORD LRG423	1
		Gasoline/LPG models	

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1484GT	11, 15, 19, 23	7113GT	201	13585GT	203, 207
1487GT	227	7261GT	41, 71	13755GT	159, 187, 191
1488GT	227	7265GT	227	13756GT	157, 187, 191
4266GT	113, 167, 227, 233	7339GT	89, 107, 173	13852GT	177, 183
4828GT	93, 109, 125, 143, 147, 151...	7713GT	175	13854GT	125
5224GT	125, 195	8170GT	93, 105	13918GT	125, 173
5365GT	45, 73	8177GT	25, 39, 53, 67, 89, 125...	13921GT	49, 79, 159, 167, 187
5397GT	195	8179GT	67, 167, 173	14041GT	131, 135, 203, 209
6002GT	101, 105	8220GT	25, 29, 53, 57	14392GT	87
6019GT	89, 101, 107, 143, 147, 151...	8255GT	109, 113, 145, 149, 175, 195	14815GT	25, 29, 53, 57
6021GT	27, 29, 55, 57, 89, 97...	8516GT	93, 143, 147, 151, 165, 177...	16397-SGT	139, 211, 215
6023GT	93	8843GT	203, 207	16486GT	163, 175
6024GT	93, 97, 115	8878GT	107	16584GT	101
6033GT	25, 39, 53, 67, 89, 129...	8914GT	87, 173, 211, 215	18218GT	111
6035GT	93, 97	8915GT	87, 143, 147, 151, 195	18504GT	143, 147, 151
6066GT	225	8920GT	151	18506GT	33, 35, 105
6086GT	25, 29, 53, 57	9596GT	227	18665GT	131, 135
6090GT	33, 35, 39, 59, 67, 93...	9599-SGT	227	18687GT	51, 81, 157, 187, 191, 237
6091GT	45, 67, 15, 87, 97, 107...	10355GT	155	18963GT	225
6095GT	95, 145, 149, 153	10597GT	177, 181, 199	19141GT	83, 101
6096GT	25, 29, 43, 53, 57, 71...	10598GT	95	19142GT	47
6097GT	89, 93, 101, 109, 113, 125...	10775GT	203, 207	19274GT	139, 207, 213, 217
6146GT	45, 73, 163, 175, 225	11413GT	87, 97	19363GT	111
6175GT	27, 29, 55, 57, 89, 97...	11637GT	127	19487GT	109
6178GT	207, 225	12340GT	47, 75, 191	19491GT	125, 163, 173
6179GT	87, 207	12342GT	75	19506GT	139
6198GT	95, 125	12343GT	45, 67, 73	19687GT	47, 75, 155, 235
6356GT	33, 35, 39, 45, 59, 67...	12443GT	199	19712GT	221, 223
6550GT	199	12906GT	143, 147, 151, 197	19718GT	221
6562GT	131, 135	12960GT	131, 135, 203, 207	19720GT	221
6584GT	45, 73	13002GT	113	19731GT	221
6605GT	103	13014GT	93	19794GT	129
6607GT	115, 117, 121, 165, 175	13037-SGT	139, 211, 215, 239	19969GT	233
6622GT	203, 207	13038-SGT	211, 215	20022GT	155, 235
6637GT	173, 179, 183	13064GT	29, 39, 57, 61, 69, 93...	20224GT	37, 45, 65, 15, 119, 123
6638GT	33, 35, 39, 45, 59, 67...	13066GT	41, 61, 71, 125	20262GT	197
6884GT	45, 73, 167	13119GT	49, 51, 77, 81	20293GT	109
6886GT	105, 113	13120GT	47, 51, 75, 81, 157	20324GT	47, 51, 75, 81, 235
6888GT	115, 131, 135, 145, 149, 151...	13268GT	141	20325GT	47, 77, 235
6889GT	167, 173, 227	13471GT	139, 211, 215	20326GT	155, 235
6935GT	131, 135, 203, 207	13480-SGT	141, 211, 215	20332GT	49, 77

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20424GT	211, 215, 219	22965GT	89, 103	27133GT	221, 223
20424HGT	211, 215, 219	22975GT	159, 187, 191	27134GT	221, 223
20630GT	127	23057GT	105	27135GT	221
20654GT	127	23680GT	219	27142GT	87
20709GT	155	23688GT	219	27155GT	131, 137, 239
20716GT	157	23802GT	49, 77	27191GT	155
20776GT	131, 135	24038GT	93	27192GT	159, 237
20880GT	89, 107	24470GT	91	27202GT	155, 235
20923GT	51, 81	24495GT	211, 215, 221	27204GT	21, 23
20925GT	75, 235	24495HGT	211, 215, 221	27205GT	19, 23
20973GT	199	24514GT	199	27206GT	19, 23
21018GT	95	24552GT	85	27207GT	19, 23
21121GT	199	24667GT	71	27210GT	83
21130GT	45, 73, 89, 107	24668GT	41	27246GT	139, 211, 215, 235, 239
21141GT	109	24675GT	115	27258GT	173, 175
21175GT	97	24947GT	233	27329P-SGT	101
21252GT	49, 51, 77, 81, 155	25375GT	37, 45, 85, 113, 117...	27377GT	143, 147, 153
21434GT	221	25436GT	27, 39, 53, 67	27378-SGT	139, 211, 215, 233
21465GT	109	25567GT	111	27431GT	75
21496GT	45, 73, 91, 107	25571P-SGT	89	27497GT	181
21604GT	181	25635GT	127	27512GT	223
21935GT	119, 123	25683GT	163, 177	27514GT	223
21982GT	139	25807GT	133, 137	27524GT	221
22099GT	47, 75, 155	25808GT	133, 137	27532GT	45, 73
22278GT	89	25836GT	133, 137	27535GT	233
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22364GT	219	25882GT	219	27643GT	125
22365GT	219	25883GT	219	27698GT	27, 55
22366GT	219	25884GT	219	27759GT	67
22367GT	219	25886GT	219	27761GT	37, 63
22368GT	219	25951GT	49, 77, 155	27801GT	119, 123
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22432GT	197	25974GT	133, 137	27803GT	119, 123
22433GT	197	25994GT	11, 15	27804GT	119, 123
22435GT	197	27010GT	91	27807GT	117, 121
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22578GT	107	27034GT	95	27814GT	87, 97, 119, 123, 183
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28157GT	11, 15	29290GT	129	30342GT	155, 235
28158GT	11, 15	29291GT	41, 69, 125	30343GT	155, 235
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28160GT	11, 15	29293GT	41, 71, 125	30369GT	87, 97
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28176GT	19, 23	29552GT	97	30444GT	115
28177GT	11, 15	29555GT	97	30446GT	191
28181GT	11, 15	29556GT	101	30468GT	151
28234P-SGT	95	29557GT	101	30486GT	151
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28310GT	133, 137	29561GT	105	30546P-SGT	111
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28445GT	157	29563GT	101	30584GT	111
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28653GT	85	29868GT	113, 143, 147, 151, 233	30720PGT	143, 147
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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.