



A TEREX BRAND

Parts Manual

Serial Number Range

S-60

from SN 653 to 2574

S-65

Part No. 34477

Rev C38

November 2018

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:

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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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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

CAN B.354.4

Terex South Dakota, Inc.

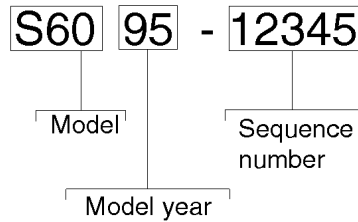
18340 NE 76th Street

Redmond, WA 98052

USA



11111111



Serial label
(located under cover)

Serial number
stamped on chassis

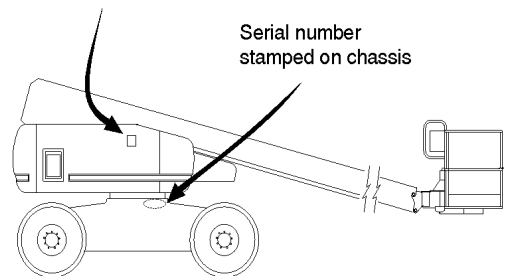


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Electronic Version

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Notes

Lined area for notes

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			Group B continued		
Part No.	Description	Qty.	Part No.	Description	Qty.
20293	Filter Element, 10 Micron Fiberglass	5	31616	Relay - Time Delay, 5 second	1
20880	Filter - Hydraulic, Medium Pressure	5	27155	Solenoid, 12 Volt Continuous	1
27916	Element - Air Filter	5	24018	Circuit Breaker, 15 Amp	1
28647	Spark Plug (Gasoline/LPG models)	4	19274	Relay - SPDT, 12 Volt	1
33971	Filter - Fuel (Gasoline/LPG models)	5	33954	Wire Set - Spark Plugs	1
28656	Filter - Engine Oil (Gasoline/LPG models)	5	33967	Ignition Module (Gasoline/LPG models)	1
33961	Serpentine Belt (Gasoline/LPG models)	1	45782	Diode, 6A	10
33957	Valve - PCV (Gasoline/LPG models)	1	45081	Contact - N.O.	2
29561	Filter - Engine Oil (Deutz Diesel models)	5	29732	Contact - N.C.	2
29560	Filter - Fuel (Deutz Diesel models)	5	29073	Solenoid	1
29554	V-Belt (Deutz Diesel models)	1	Group C		
Group B			Part No.	Description	Qty.
Part No.	Description	Qty.	34475	Operator's Manual	5
28750	O-Ring Kit (Services all products)	1	33483	Decal Kit - Safety / Instructional	1
32227	Seal Kit - Steering Cylinders	1	27811	Valve - D01, 10V	1
33487	Seal Kit - Master & Slave Cylinders	1	27801	Valve - Proportional Solenoid, 12V	1
33895	Seal Kit - Boom Lift Cylinder	1	27804	Valve - Differential Sensing, 150 psi (12 bar)	1
33501	Seal Kit - Upper Extension Cylinder	1	33428	Valve - Counterbalance	1
33500	Seal Kit - Lower Extension Cylinder	1	32722	Valve - Counterbalance	1
33553	Seal Kit - Jib Boom Cylinder (S-65 models)	1	33438	Valve - Counterbalance	1
33894	Seal Kit - Oscillate Cylinder	1	33494	Valve - Sequence	1
29290	Seal Kit, 36:1 Torque Hub	1	33495	Valve - Counterbalance	2
33440	Seal Kit, 73:1 Torque Hub	1	33496	Valve - Counterbalance	1
29291	Seal Kit - Mico Brake	1	33488	Valve - Counterbalance	1
33444	Seal Kit - Drive Motor (2WD models)	1	29066	Valve - Solenoid, 10V	1
29739	Seal Kit - Drive Motor (4WD models)	1	30525	Level Sensor	1
32675	Seal Kit - Drive Motor (4WD models)	1	19491	Contact - Limit Switch	1
29739	Seal Kit - Drive Pump	1	22359	Lever - Limit Switch Arm	1
31249	Seal Kit - Lift Pump	1	25050	Limit Switch - with Roller Arm	1
34052	Relay - SPDT, 12 Volt	1	19270	Alarm - Warble Tone	1
21982	Key - Ignition	5	32335	Indicator Light	1
16397	Switch - Toggle, DPDT	1	20424	Joystick Controller - Drive/Steer Functions	1
13037	Switch - Toggle, SPDT	1	24495	Joystick Controller - Boom Functions, Single Axis	1
13480	Switch - Toggle, DPDT, 2 Position, Momentary	1	34419	Joystick Controller - Boom Functions, Dual Axis	1
27378	Switch - Toggle, DPDT, 2 Position, Maintained	1	Group D		
45827	Solenoid - Fuel Shutoff, 12 Volt (Gas/LPG models)	1	Part No.	Description	Qty.
33470	Seal Kit - Hydraulic Rotary Coupler	1	29314	Key - Latch Assembly (Turntable Covers)	2
33445	Seal Kit - Turntable Rotation Motor	1	33510	Lock Plug Assembly (Turntable Covers)	2
27681	Seal Kit - Platform Rotator	1	29480	7 Piece Cable Track Repair Kit	1
32681	Seal Kit - 3 Position 4 Way Valve	1			

How To Order Parts

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

Service Parts Fax Order Form

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



Please fill out completely

Date _____ Account Number _____
 Your Name _____ Your Fax Number _____
 _____ Your Phone Number _____
 Bill To _____ Ship To _____

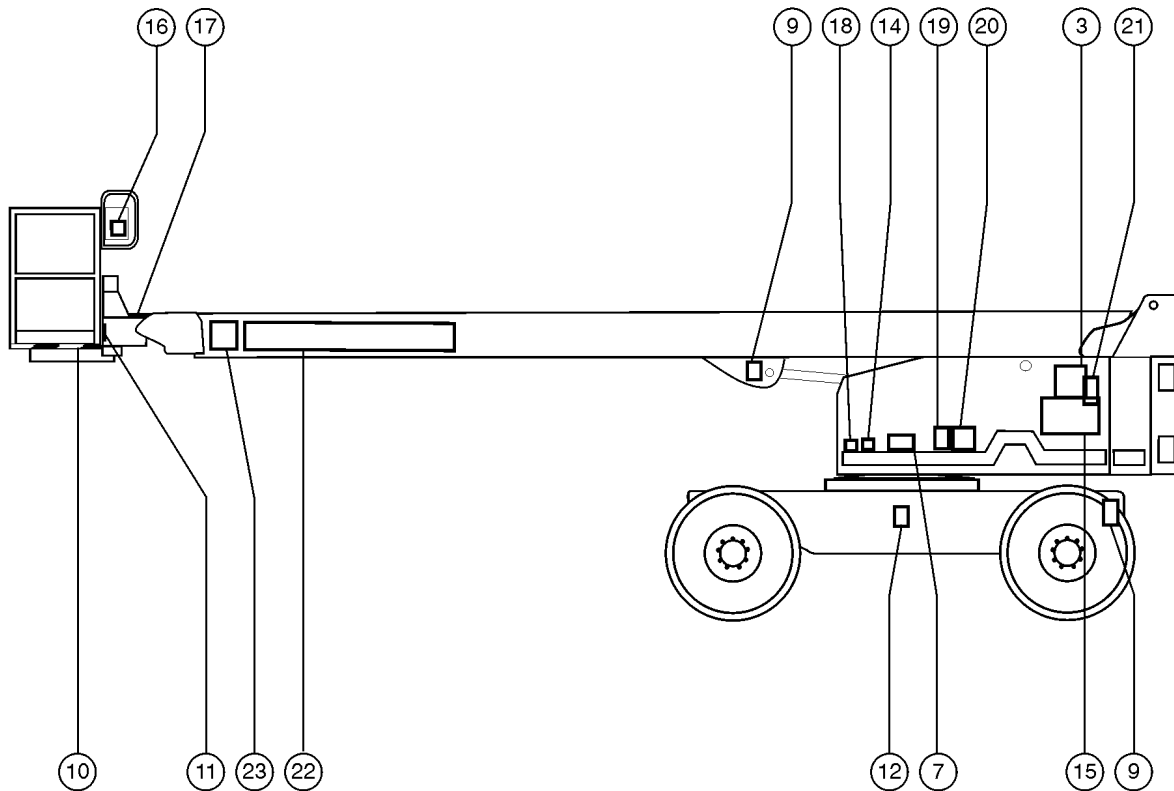
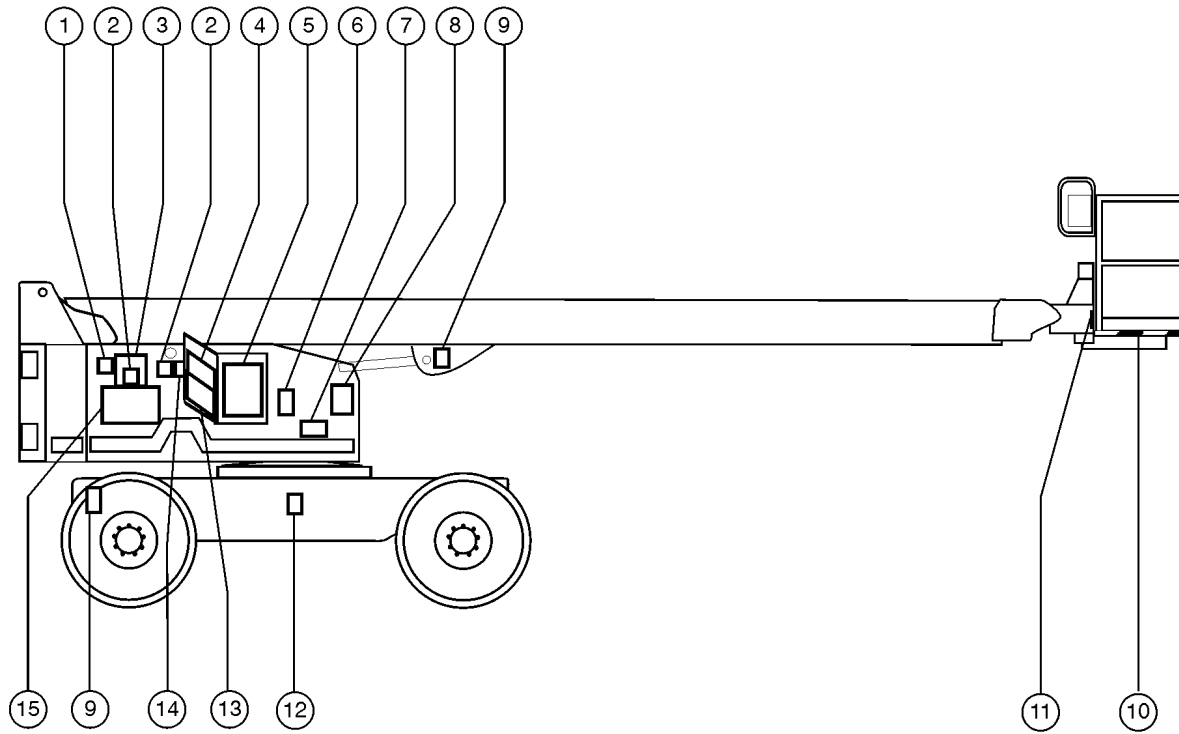
 Purchase Order Number _____ Ship Via _____

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

Part Number	Description	Quantity	Price

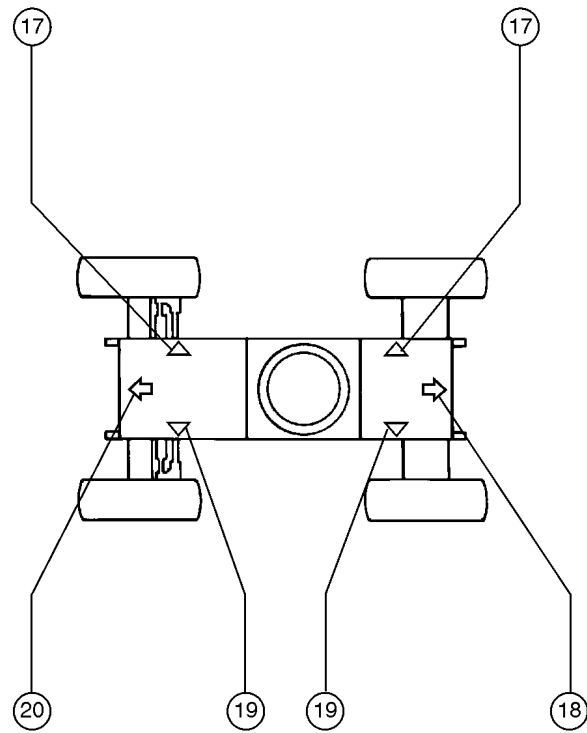
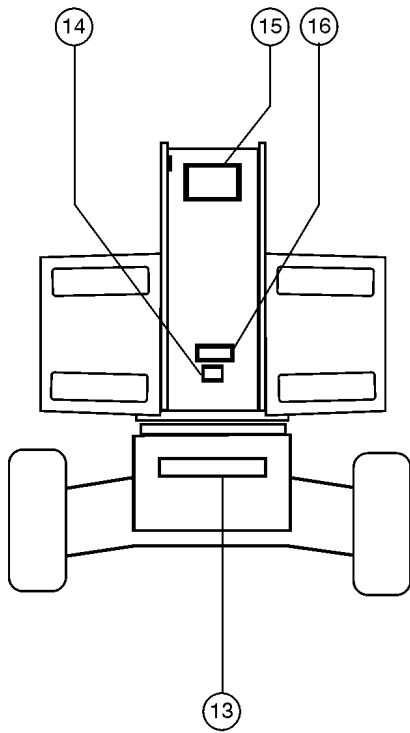
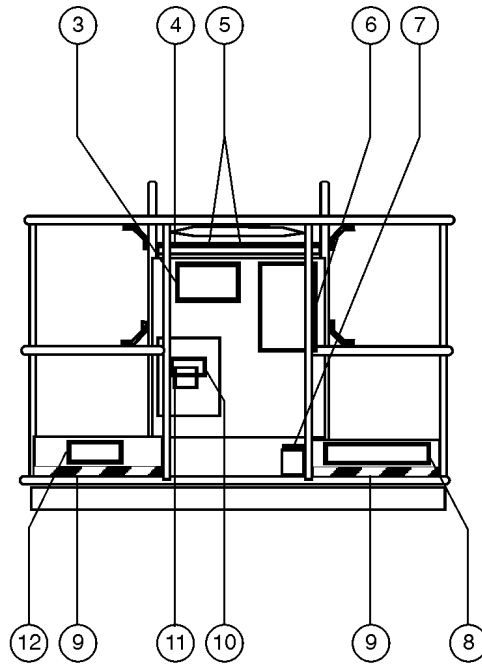
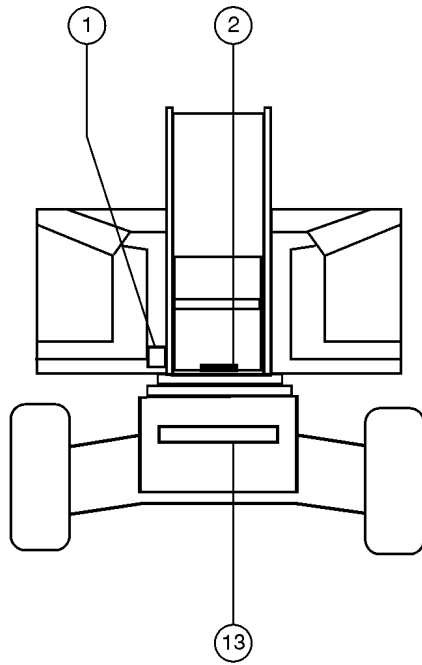
- All back-ordered parts will be shipped when available via the same ship method as the original order unless Noted below:**
- Ship complete order only - No back orders
 - Ship all available parts and contact customer on disposition of back-ordered parts
 - Other (please specify)

101.1 Decals and Paint - View 1



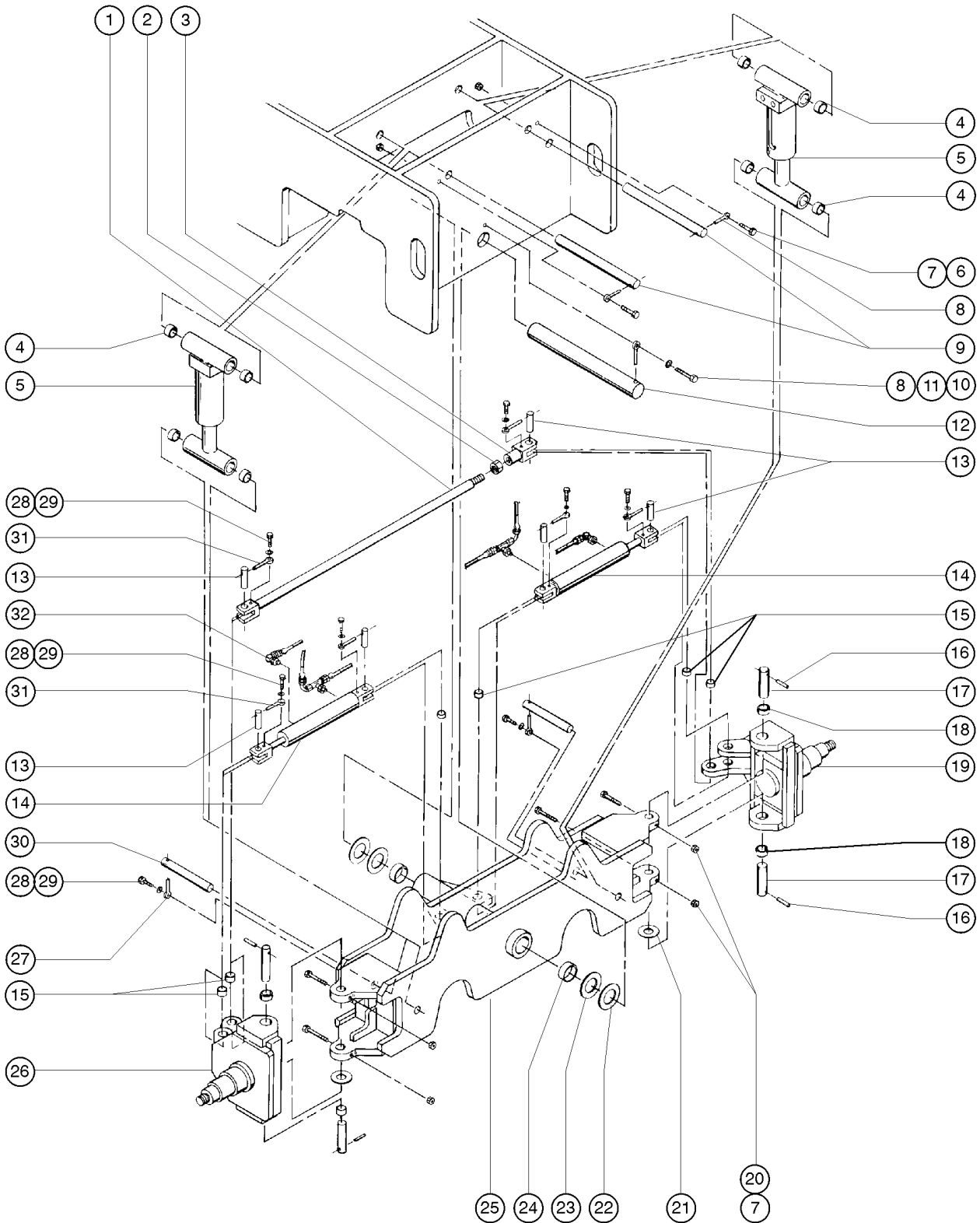
Item	Part No.	Description	Qty.
--	1268GT	PAINT,AEROSOL,GENIE GRAY***	
--	1484GT	PAINT,AEROSOL,BRIGHT BLUE***	
--	32150GT	PAINT,WET,GENIE BLUE (1 GL)**	
--	32151GT	PAINT,WET,GENIE GRAY (1 GL)**	
--	33483GT	DECAL KIT,SAFETY/INSTRUCTIONA <i>kit does not include index numbers 2, 3, 8, 10, 15, 16, 18, 21, 22 and 23</i>	
--	34478GT	DECAL KIT,COSMETIC,S60	
--	34842GT	DECAL KIT,COSMETIC,S65	
1	28157GT	DECAL,USE DEXRON***.....	1
2	28158GT	DECAL,LABEL,UNLEADED GAS ONLY.....	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
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
--	30407GT	DECAL,GENIE 4 WD, WHITE.....	2
16	28174GT	DECAL, POWER TO PLATFORM 230V**.....	1
--	28235GT	DECAL,POWER TO PLATFORM 115V.....	1
17	28181GT	DECAL,WARN,FALL HAZARD.....	1
18	28160GT	DECAL,LABEL,LIQUID PROPANE.....	1
19	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*.....	1
20	28175GT	DECAL,WARNING-COMPART ACCESS.....	1
21	33956GT	DECAL,NOTICE, FORD ENG SPEC**.....	1
--	33985GT	DECAL,NOTICE,DEUTZ ENG SPEC**.....	1
22A	33571GT	DECAL,COSMETIC,S-60,LARGE.....	1
22B	33573GT	DECAL,COSMETIC,S-65,LARGE.....	1
23	33460GT	DECAL,COSMETIC,STRIPES,WHITE.....	1

102.1 Decals and Paint - View 2



Item	Part No.	Description	Qty.
--	1268GT	PAINT,AEROSOL,GENIE GRAY***	
--	1484GT	PAINT,AEROSOL,BRIGHT BLUE***	
--	32150GT	PAINT,WET,GENIE BLUE (1 GL)**	
--	32151GT	PAINT,WET,GENIE GRAY (1 GL)**	
--	33483GT	DECAL KIT,SAFETY/INSTRUCTIONA <i>kit does not include index numbers 1, 5, 8, 9, 13 and 15</i>	
--	34478GT	DECAL KIT,COSMETIC,S60	
--	34842GT	DECAL KIT,COSMETIC,S65	
1	28174GT	DECAL, POWER TO PLATFORM 230V**.....	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
--	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...1 <i>S-60 models with 8 foot platform and S-65 models</i>	
--	32998GT	DECAL,NOTICE,MAX LOAD 600 LBS...1 <i>S-60 models with 6 foot platform only</i>	
9	33550GT	TAPE,WARNING,BLK/YEL, 50'***.....	1
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
15B	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

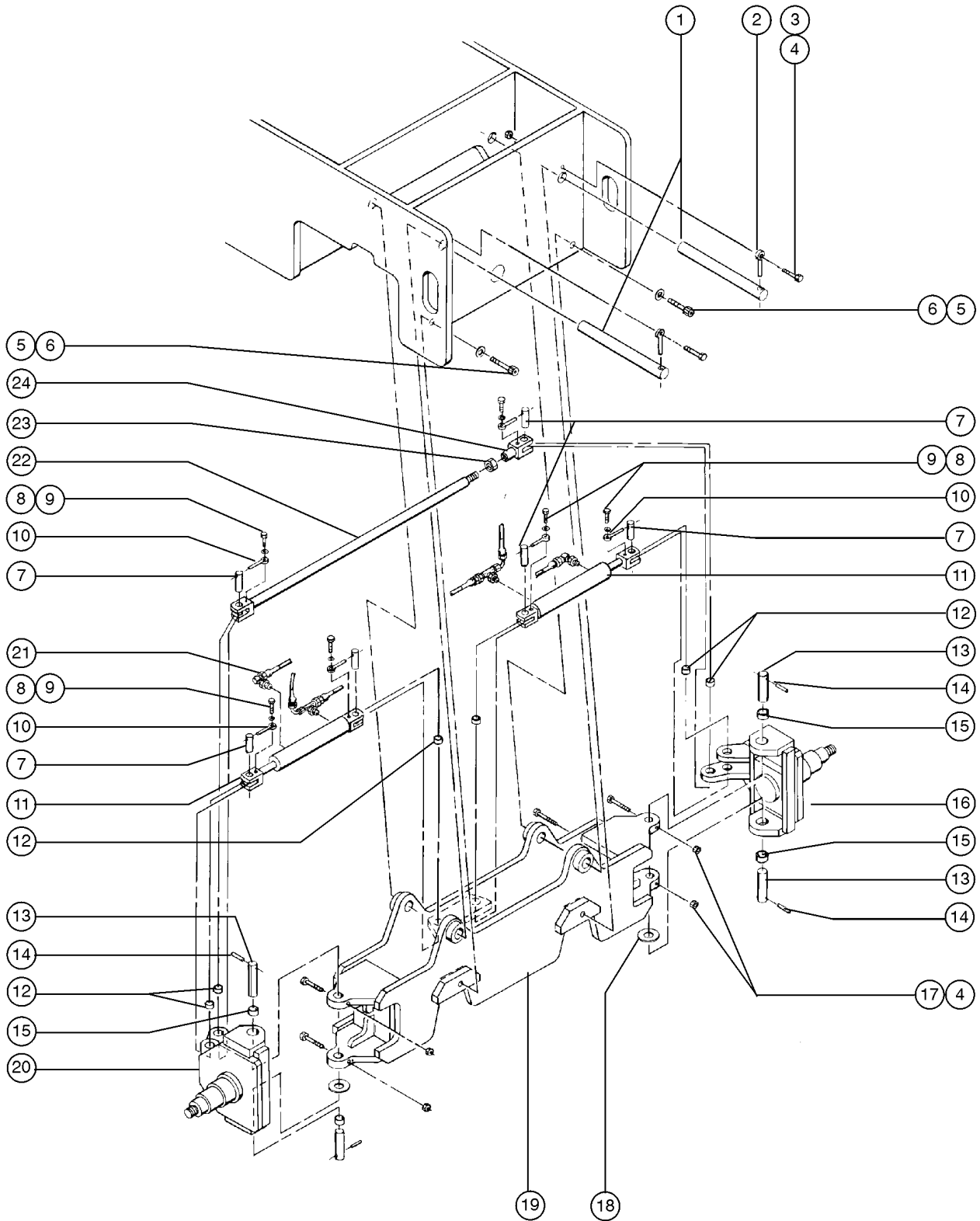
201.1 2WD Steer Axle Linkage - Oscillating Models



201.1 2WD Steer Axle Linkage - Oscillating Models

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34484-SGT	TIE ROD WELDMENT,S60***1 to SN 676	1	26	33904GT	YOKE ASSEMBLY, RIGHT SIDE, 2WD.....1 to SN 676; includes 2 each index numbers 15 and 18	1
1	63156GT	TIE ROD WELDMENT,S60*** from SN 677 to 2574	1	26	35001GT	YOKE ASSEMBLY,R.S.,2WD, S-60.....1 from SN 677 to 2574; includes 2 each index numbers 15 and 18	1
2	27953GT	NUT,HEX,JAM,1.25-7.....1	1	27	825019GT	ROD END,.375X3.69,ZAG.....2	2
3	33899GT	WELDMENT, ROD END.....1	1	28	6175GT	SCREW,HHC,3/8-16 X 1.....8	8
4	45072GT	BEARING,GARLOCK,24DU24.....8	8	29	6021GT	WASHER,LOCK,.375.....8	8
5	1264673GT	CYLINDER, OSCILLATE, S60.....1 includes 4 each index number 4	1	30	34641GT	PIN,OSC. AXLE/DRIVE CHASSIS.....2	2
--	33428GT	VALVE,COUNTERBALANCE.....1	1	31	1255452GT	ROD END,.375 X 2.25,ZAG.....6	6
--	33894GT	SEAL KIT,HYDRAULIC CYLINDER.....1	1	32		Ref. Hydraulic Hoses & Fittings.....6 refer to sections 208.1 and 209.1	6
6	6096GT	SCREW,HHC,1/2-13 X 2 GR5.....2	2				
7	6086GT	NUT,LP NYLOCK,1/2-13.....6	6				
8	1256267GT	ROD END,.5 X 3.75,ZAG.....3	3				
9	30731GT	PIN,PRIM.Boom,16.0 X 1.5 INCH.....2	2				
10	8177GT	SCREW,HHC,1/2-13 X 1.5.....1	1				
11	6033GT	WASHER,LOCK,0.5".....1	1				
12	34642GT	PIN,2.50DIA X 23.38LG,1HOLE.....1	1				
13	34276GT	PIN,1.25DIA X 3.37LG,1HOLE.....4 steer cylinder	4				
13A	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360.....2 tie rod from SN 677	2				
13A	34276GT	PIN,1.25DIA X 3.37LG,1HOLE.....2 tie rod to SN 676	2				
14	88346GT	CYLINDER,S60/65 STEER***2	2				
--	31078GT	SEAL KIT,HYDRAULIC CYLINDER***2 for cylinder 34420; check stamp on part prior to ordering	2				
--	88347GT	SEAL KIT,STEER CYL,S60/65*** for cylinder 88346; check stamp on part prior to ordering	2				
15	30370GT	BEARING,1.25IDX1.5ODX1.00L.....6	6				
16	14815GT	PIN,ROLL,SST,.25 X 2.25.....4	4				
17	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360.....4	4				
18	45071GT	BEARING,1.5IDX1.75ODX1.5L.....4	4				
19	33905GT	YOKE ASSEMBLY, LEFT SIDE, 2WD.....1 to SN 676; includes 2 each index numbers 15 and 18	1				
19	35002GT	YOKE ASSEMBLY,L.S.,2WD, S-60.....1 from SN 677 to 2574; includes 2 each index numbers 15 and 18	1				
20	8220GT	SCREW,HHC,1/2-13 X 4.....4	4				
21	45074GT	WASHER,THRUST,1.5 X 3.5 X .187.....2	2				
22	25436GT	WASHER,THRUST,2.56 X 4.0 X .18	2				
23	29746GT	WASHER,FLAT,2.5 X 4 X .062	2				
24	27698GT	BEARING,2.50IDX2.75ODX2.00L.....2	2				
25	33908GT	STEER AXLE ASSEMBLY, OSC, S-60....1 includes 2 each index numbers 15 and 24	1				

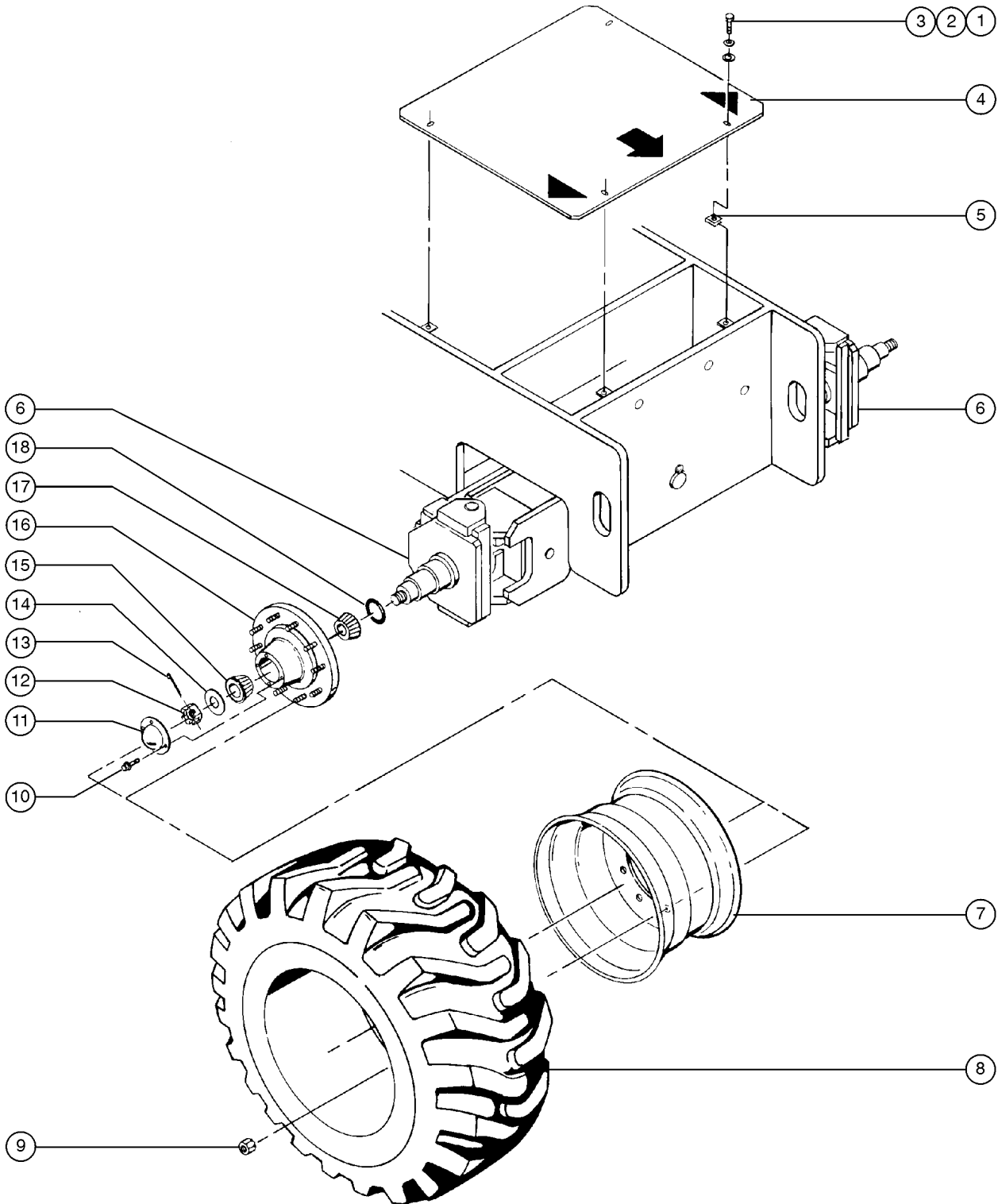
202.1 2WD Steer Axle Linkage - Non-oscillating Models



202.1 2WD Steer Axle Linkage - Non-oscillating Models

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	30731GT	PIN, PRIM. BOOM, 16.0 X 1.5 INCH.....	2	23	27953GT	NUT, HEX, JAM, 1.25-7.....	1
2	1256267GT	ROD END, 5 X 3.75, ZAG.....	2	24	33899GT	WELDMENT, ROD END.....	1
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, 1.25 DIA X 3.37 LG, 1 HOLE.....	4				
		<i>steer cylinder</i>					
7A	30736GT	PIN, 1.50 DIA X 4.76 LG. GES1360.....	2				
		<i>tie rod from SN 677 to 2574</i>					
7A	34276GT	PIN, 1.25 DIA X 3.37 LG, 1 HOLE.....	2				
		<i>tie rod to SN 676</i>					
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				
--	31078GT	SEAL KIT, HYDRAULIC CYLINDER***.....	2				
		<i>for cylinder 34420; check stamp on part prior to ordering</i>					
--	88347GT	SEAL KIT, STEER CYL, S60/65***.....					
		<i>for cylinder 88346; check stamp on part prior to ordering</i>					
12	30370GT	BEARING, 1.25 ID X 1.5 ODX 1.00 L.....	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, 1.5 ID X 1.75 ODX 1.5 L.....	4				
16	33905GT	YOKE ASSEMBLY, LEFT SIDE, 2WD.....	1				
		<i>to SN 676; includes 2 each index numbers 12 and 15</i>					
16	35002GT	YOKE ASSEMBLY, L.S., 2WD, S-60.....	1				
		<i>from SN 677 to 2574; includes 2 each index numbers 12 and 15</i>					
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				
		<i>includes 2 each index number 12</i>					
20	33904GT	YOKE ASSEMBLY, RIGHT SIDE, 2WD.....	1				
		<i>to SN 676; includes 2 each index numbers 12 and 15</i>					
--	35001GT	YOKE ASSEMBLY, R.S., 2WD, S-60.....	1				
		<i>from SN 677 to 2574; includes 2 each index numbers 12 and 15</i>					
21		Ref. Hydraulic Hoses & Fittings.....	1				
		<i>refer to sections 208.1 and 209.1</i>					
22	34484-SGT	TIE ROD WELDMENT, S60***.....	1				
		<i>to SN 676</i>					
22	63156GT	TIE ROD WELDMENT, S60***.....					
		<i>from SN 677 to 2574</i>					

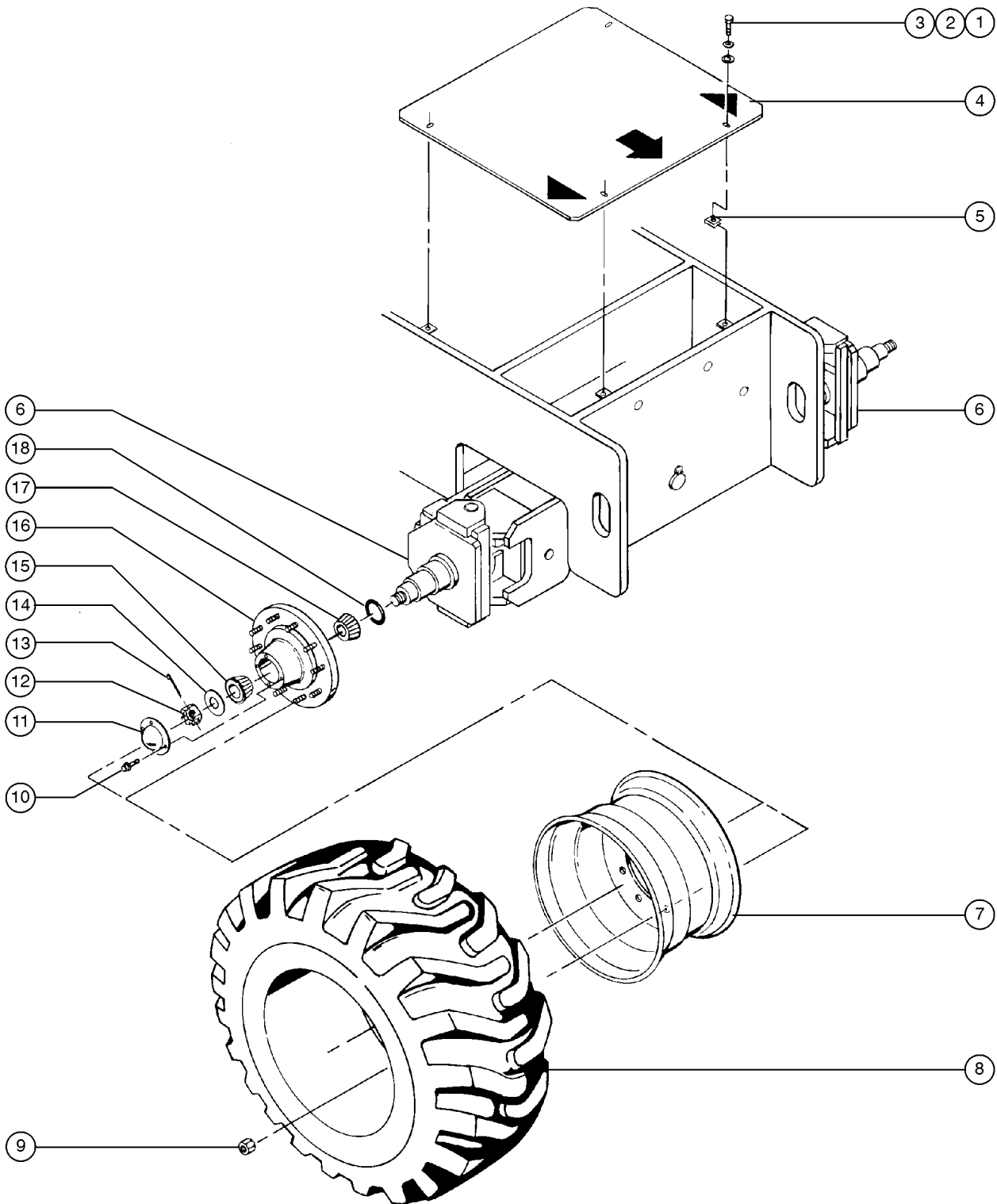
203.1 2WD Steer Axle Wheels and Hubs (to SN 676)



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
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG.....	4
6		Ref. 2WD Steer Axle..... <i>refer to sections 201.1 and 202.1</i>	4
7A	73259GT	WHEEL,19.5 X 11.75***..... <i>(replaced 27463, 19.5 x 12.2)</i>	2
7B	73257GT	TIRE & WHEEL ASSY: AIR..... <i>(air filled, right) (replaced 25767 and 33400)</i>	2
--	73258GT	TIRE & WHEEL ASSY: AIR..... <i>(air filled, left) (replaced 25768 and 33401)</i>	2
7C	73260GT	TIRE & WHEEL ASSY,FOAM***..... <i>(foam filled, right) (replaced 25765 and 33402)</i>	2
--	73261GT	TIRE & WHEEL ASSY,FOAM***..... <i>(foam filled, left) (replaced 25766 and 33403)</i>	2
8	73185GT	TIRE,38/65D-19.5,16PLY,OTR*..... <i>(by Blackstone 15 x 19.5) (replaced 25766, Goodyear 15 x 19.5 and 33403, Firestone 15 x 19.5)</i>	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
--	31510GT	RACE,INNER,30285.....	2
--	31511GT	RACE,OUTER,30285.....	2
--	53993GT	KIT,BEARING, Z60.....	2
--	53994GT	STUD, HUB, 5/8-18 X 2 1/2.....	2
17	53986GT	INNER BEARING.....	2
18	53991GT	SEAL, GREASE.....	2

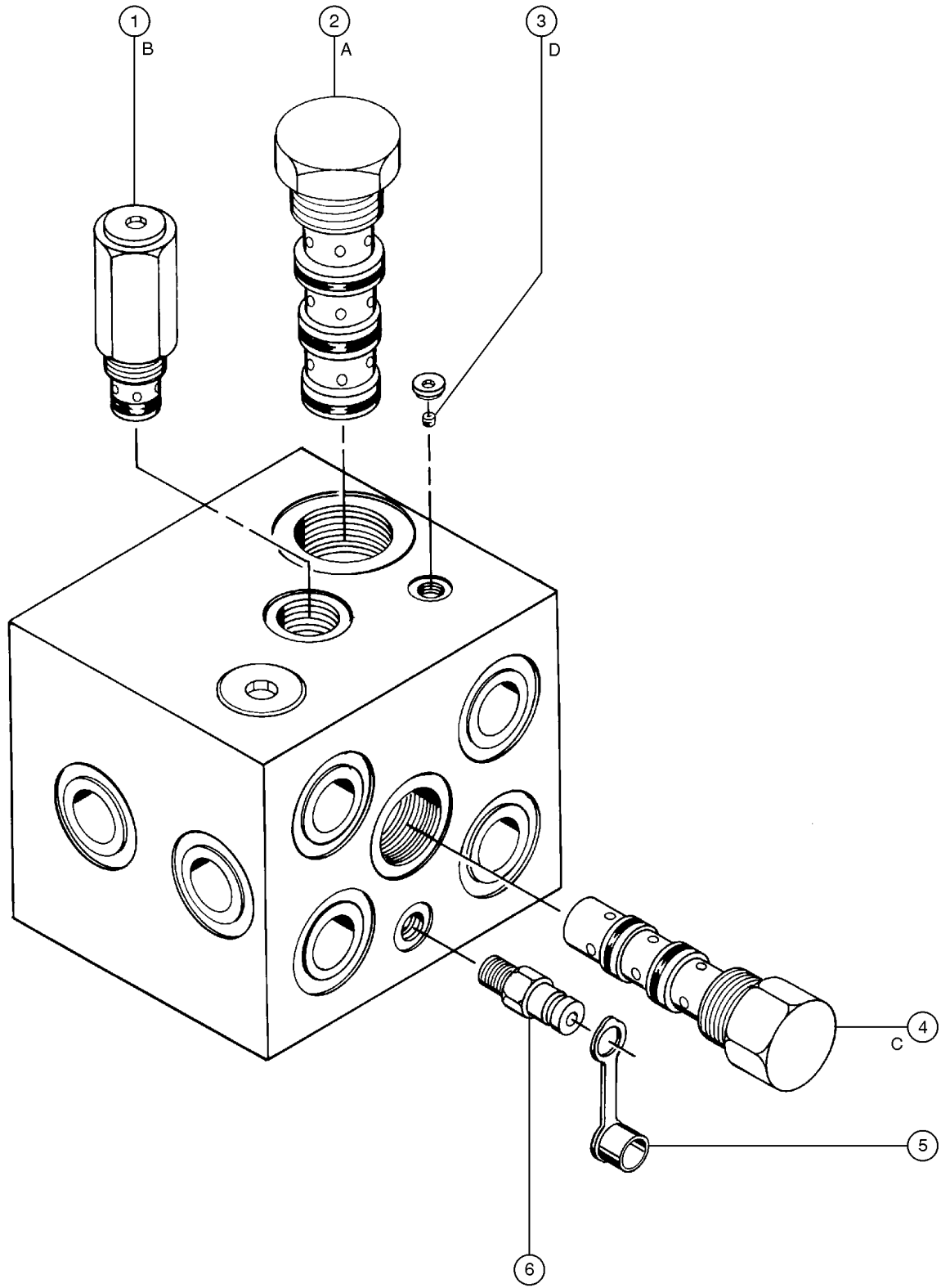
204.1 2WD Steer Axle Wheels and Hubs (from SN 677)



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
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG.....	4
6		Ref. 2WD Steer Axle..... <i>refer to sections 201.1 and 202.1</i>	4
7	73184GT	WHEEL,19.5 X 11.75,10 HOLE***.....	2
--	73180GT	TIRE & WHEEL RH, AIR S60***..... <i>shown</i>	2
--	73181GT	TIRE & WHEEL LH, AIR S60.....	2
--	73182GT	TIRE & WHEEL ASSY.RIGHT,FF S60.....	2
--	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
--	73076GT	HUB RACE,INNER.....	2
--	73077GT	HUB RACE, OUTER.....	2
--	73078GT	STUD,WHEEL,3/4-16.....	2
17	73079GT	BEARING, INNER CONE.....	2
18	94794GT	SEAL,GREASE.....	2

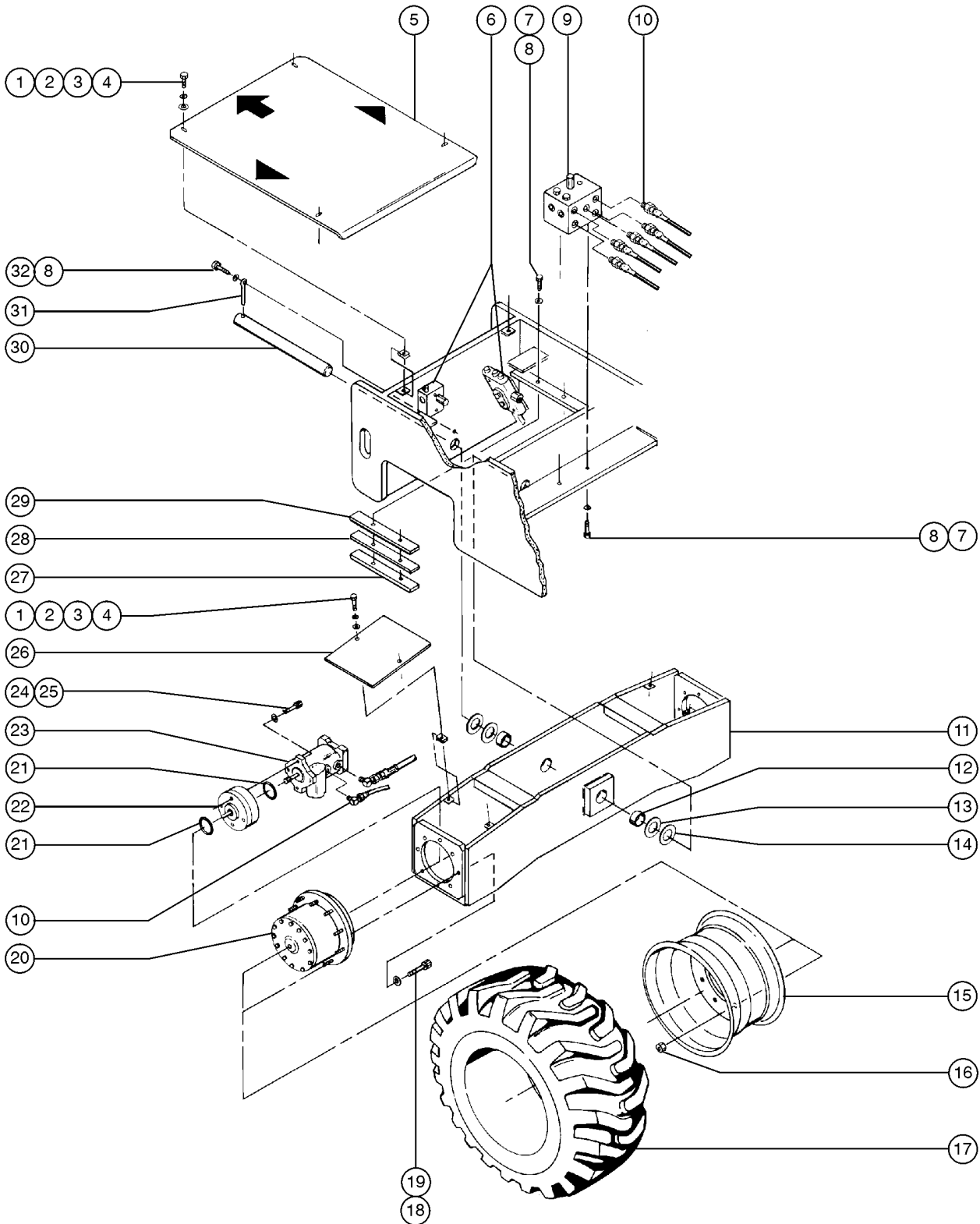
205.1 2WD Drive Manifold



205.1 2WD Drive Manifold

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

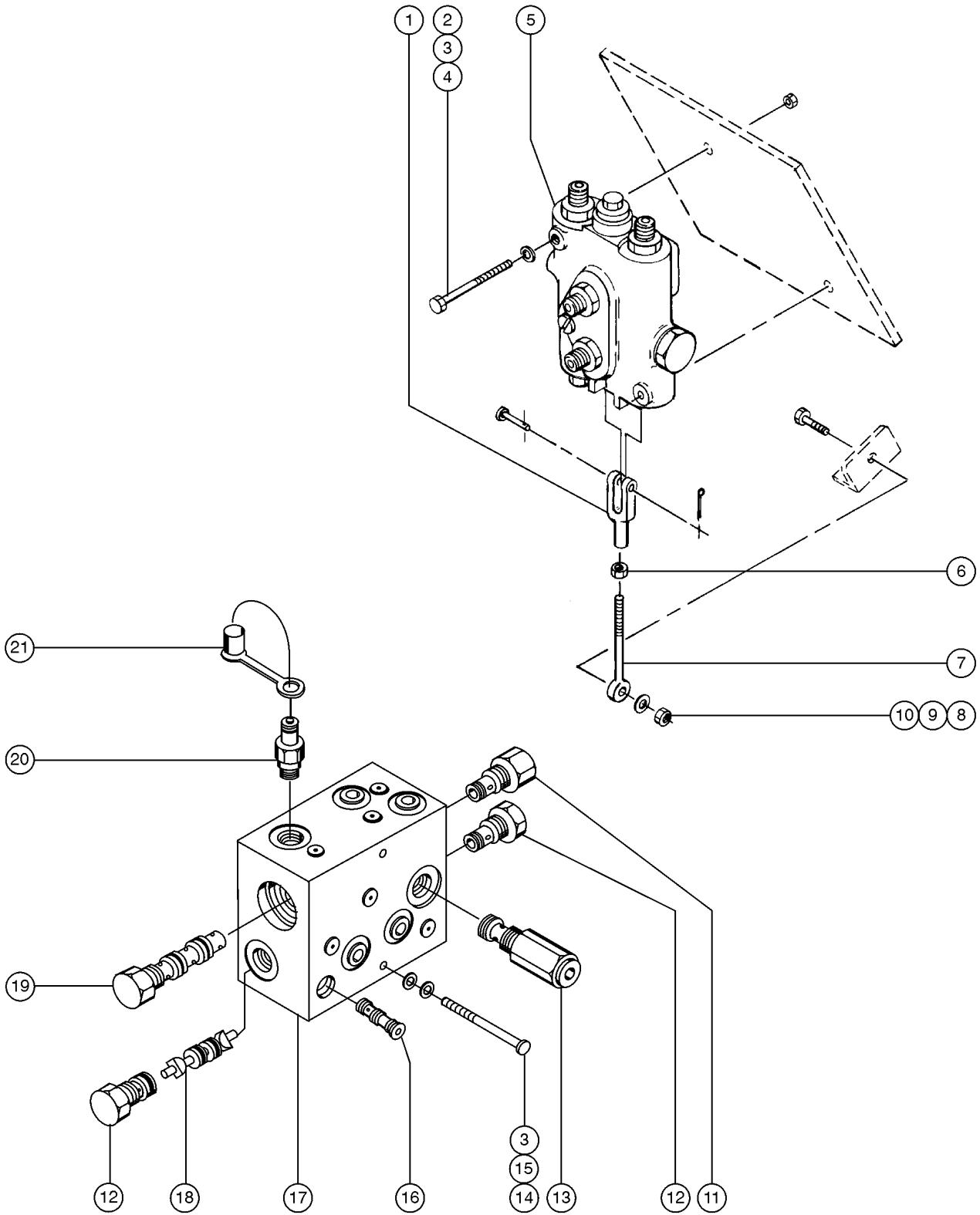
206.1 2WD Non-steer Axle



206.1 2WD Non-steer Axle

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6090GT	SCREW,HHC,1/4-20 X .75.....	8	--	65855GT	SNAP RING, W3/W6 TORQUE HUB*	
2	6356GT	WASHER,LOCK,.25.....	8	--	72288GT	COUPLER, METAL(53483)	
3	6638GT	WASHER,FLAT,USS,1/4"Y.....	8	--	83084GT	SEAL,LIP (33434)***	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG.....	8	21	22811GT	O-RING,MOTOR TO BRAKE***..... <i>measures approx 4" x 0.10"</i>	4
5	33944GT	COVR W/DECLS,DR CHAS,NS END.....	1	22	73919GT	BRAKE,1200 INLB***..... <i>includes 2 each index number 21</i>	2
6		Ref. Oscillation Manifolds..... <i>refer to section 207.1</i>	1	--	65608GT	BEARING KIT, AUSCO***	
7	8177GT	SCREW,HHC,1/2-13 X 1.5.....	7	--	75658GT	LINING KIT,AUSCO (73918)***	
8	6033GT	WASHER,LOCK,0.5".....	8	--	75659GT	SEAL KIT, AUSCO (73918)	
9		Ref. 2WD Drive Manifold..... <i>refer to section 205.1</i>	8	--	29291GT	SEAL KIT,MICO..... <i>for Mico Brake 29422 and 41913</i>	2
10		Ref. Hydraulic Hoses & Fittings..... <i>refer to sections 208.1 and 209.1</i>	8	--	29292GT	BRAKE,LINING KIT,MICO..... <i>for Mico Brake 29422</i>	2
11	33945GT	NON-STEER AXLE ASSEMBLY S60%%..... <i>includes index number 12</i>	1	--	29293GT	BEARING KIT,MICO..... <i>for Mico Brake 29422 and 41913</i>	2
12	34639GT	BEARING,2.5"ID X 2.75 X 2.25"L.....	2	--	41918GT	LINING KIT,MICO BRAKE <i>for Mico Brake 41913</i>	
13	29746GT	WASHER,FLAT,2.5 X 4 X .062		23	24668GT	DRIVE MOTOR REAR,2WD/7 DEGREE*..... <i>includes 1 each index number 21</i>	2
14	25436GT	WASHER,THRUST,2.56 X 4.0 X .18		--	33444GT	SEAL KIT,DRIVE MOTOR,(24668).....	2
15	73184GT	WHEEL,19.5 X 11.75,10 HOLE***.....	2	24	7261GT	SCREW,HHC,1/2-13 X 5 BLACK..... <i>for Mico Brakes</i>	4
--	73180GT	TIRE & WHEEL RH, AIR S60***..... <i>shown</i>	2	--	56680GT	SCREW,SHC,1/2-13 X 4.50 ZINC <i>for Ausco Brakes</i>	
--	73181GT	TIRE & WHEEL LH, AIR S60.....	2	25	13066GT	WASHER,FLAT,.5 HARDENED.....	4
--	73182GT	TIRE & WHEEL ASSY.RIGHT,FF S60.....	2	26	34409P-SGT	COVER,REAR AXLE BLUE.....	2
--	73183GT	TIRE & WHEEL ASSY.LEFT,FF S60.....	2	27	34217P-SGT	BAR,AXLE ROTATION STOP,PAINTED..... <i>non-oscillating models</i>	2
16	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS.....	20	--	34218P-SGT	BAR,AXLE ROTATION STOP,OSC..... <i>oscillating models</i>	2
17	73185GT	TIRE,38/65D-19.5,16PLY,OTR*.....	2	28	34215GT	SHIM,AXLE ROTATION STOP,12GA	
18	45066GT	SCREW,SHC,5/8-11 X 2.25.....	16	29	34216GT	SHIM,AXLE ROTATION STOP,22GA	
19	13064GT	WASHER,FLAT,.625 HARDENED.....	16	30	34273GT	PIN,2.50DIAX21.12LG,1HOLE.....	1
20	33434GT	WHEEL DRIVE,W3 73:1***.....	2	31	1256267GT	ROD END,.5 X 3.75,ZAG.....	3
--	147558GT	KIT,BEARING,TAPERED,OUTER***		32	6096GT	SCREW,HHC,1/2-13 X 2 GR5.....	1
--	147559GT	KIT,BEARING,TAPERED,INNER***					
--	33440GT	SEAL KIT,TORQUE HUB (34115)***					
--	33441GT	STUD,WHEEL,3/4-16, (34115)					
--	33989PGT	COVER, TORQUE HUB,PAINTED GRAY					
--	33990GT	O-RING, TORQUE HUB COVER					
--	33991GT	ACTUATOR,FOR/DISCONNECT ROD					
--	33992GT	DISCONNECT ROD, TORQUE HUB					
--	58238GT	BEARING KIT,WHEEL DRIVE,S60***					
--	58283GT	BOLT,COVER,WHEEL DRIVE,W3***					
--	58999GT	WASHER,THRUST,(33434)** <i>for models with 33434</i>					
--	65802GT	WASHER,THRUST W3 HUB (53483) <i>for models with 53483</i>					
--	65846GT	BEARING,THRUST WASHER***					

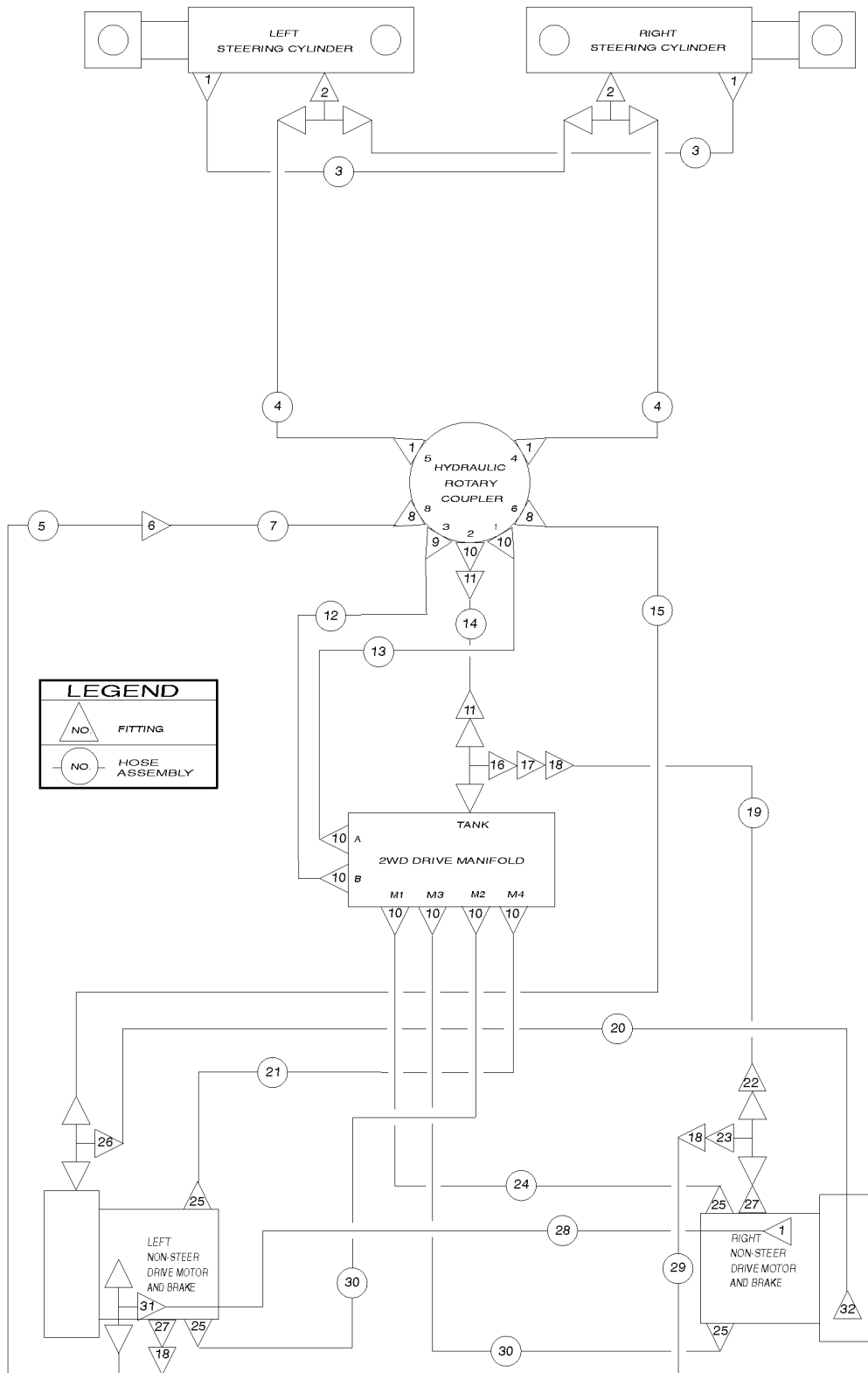
207.1 2WD Oscillation Manifolds



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 <i>includes clevis and cotter pins</i>	
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	
--	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 <i>includes index numbers 11 through 13 and 16 through 19</i>	
--	25375GT	KIT, O-RING.....1	
18	32724GT	PISTON (30797).....1	
19	32723GT	VALVE,SHUTTLE (30797).....1	
20	48997GT	NIPPLE,DIAGNOSTIC,#4.....1	
--	20224GT	DIAGNOSTIC FEMALE Q-DSCNT.....1	
21	48880GT	CAP,DIAGNOSTIC NIPPLE.....1	

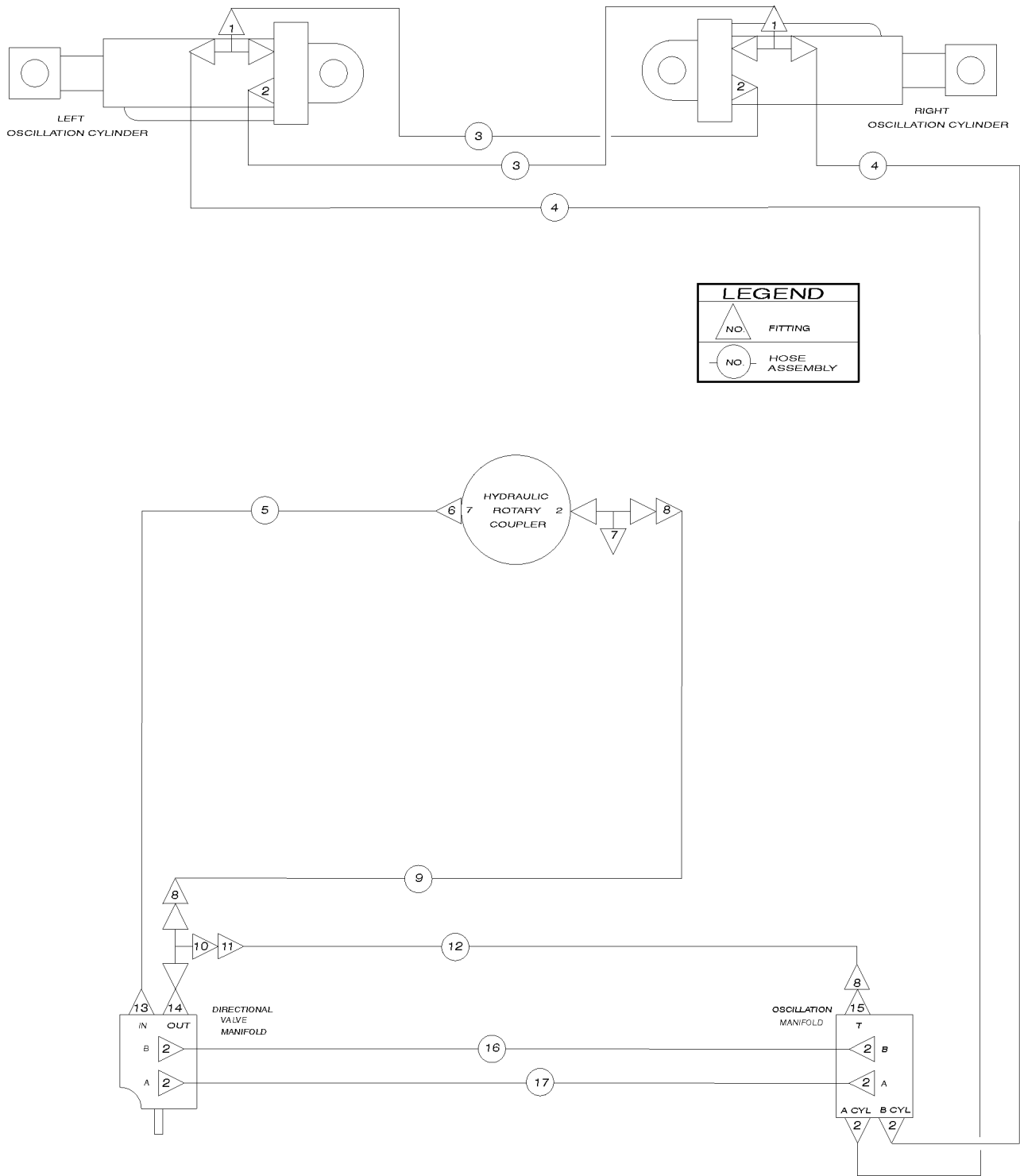
208.1 2WD Hydraulic Hoses and Fittings - Drive and Steer Systems



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

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	33994GT	PLUG AND CAP KIT-SERVICE,37 **		16	28456GT	TEE,RUN,070428-12-12.....	1
1	13120GT	ELBOW,070220-6-6.....	5	17	20325GT	REDUCER,070123-12-8.....	1
2	45705GT	TEE,BRANCH,070429-6-6.....	2	18	20324GT	HOSE END,BARBED,SWIVEL,-8-8.....	3
3	34830GT	HOSE ASSEMBLY, 25".....	2	19	34836GT	HOSE ASSEMBLY, 45".....	1
		<i>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)</i>		20	34834GT	HOSE ASSEMBLY, 68".....	1
4	34829GT	HOSE ASSEMBLY, 65".....	2			<i>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)</i>	
		<i>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)</i>		21	34827GT	HOSE ASSEMBLY,49.5".....	1
5	34833GT	HOSE ASSEMBLY, 60".....	1			<i>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)</i>	
		<i>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)</i>		22	28597GT	HOSE END,BARBED,SWIVEL,90DEG-8.....	1
6	19142GT	UNION,070101-6-6.....	1	23	21252GT	TEE,RUN,070432-8.....	1
7	34838GT	HOSE ASSEMBLY, 60".....	1	24	34826GT	HOSE ASSEMBLY,35".....	1
		<i>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)</i>				<i>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)</i>	
8	12340GT	ELBOW,070220-4-6.....	2	25	20332GT	ELBOW,070220-12-16.....	4
9	22099GT	ELBOW,070320-12-12.....	1	26	23802GT	TEE,RUN,070428-4-4.....	1
10	19687GT	CONNECTOR,070120-12-12.....	8	27	25951GT	ELBOW,070220-8-12.....	2
11	45170GT	HOSE END,BARBED,SWIVEL,-12-12.....	2	28	34832GT	HOSE ASSEMBLY, 60".....	1
12	34594GT	HOSE ASSEMBLY, 33.5".....	1			<i>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)</i>	
		<i>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)</i>		29	34831GT	HOSE ASSEMBLY, 56".....	1
13	34595GT	HOSE ASSEMBLY, 29.75".....	1			<i>Hose - 1/2" Push On (Weatherhead H20108)</i>	
		<i>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)</i>		30	34825GT	HOSE ASSEMBLY,40.5".....	2
14	34837GT	3/4" PUSH ON HOSE, 22" LONG.....	1			<i>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)</i>	
		<i>Hose - 3/4" Push On (Weatherhead H20112)</i>		31	13119GT	TEE,RUN,070428-6-6.....	1
15	34835GT	HOSE ASSEMBLY, 94".....	1	32	13921GT	ELBOW,070220-4-4.....	1
		<i>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)</i>					

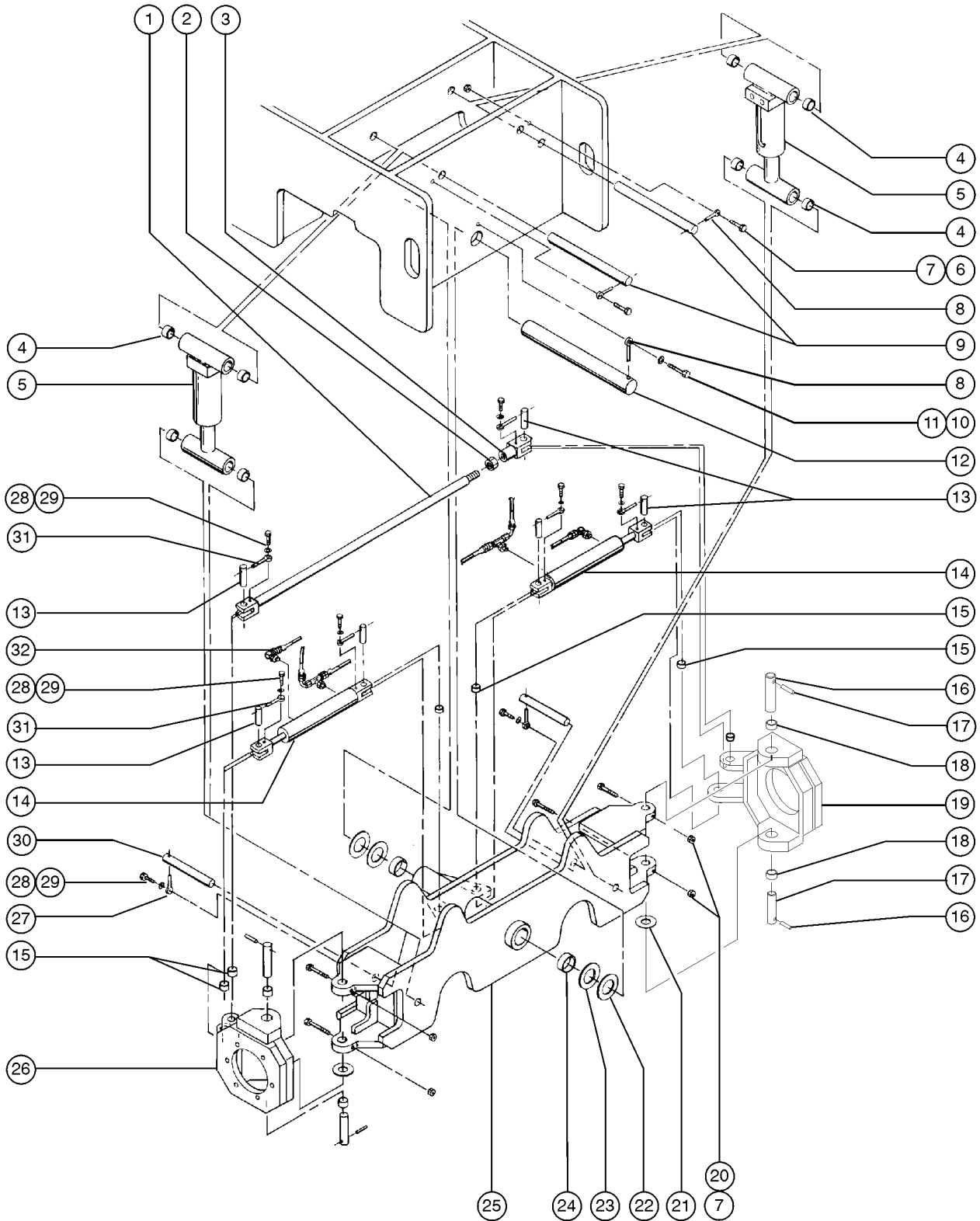
209.1 2WD Hydraulic Hoses and Fittings - Oscillation System



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

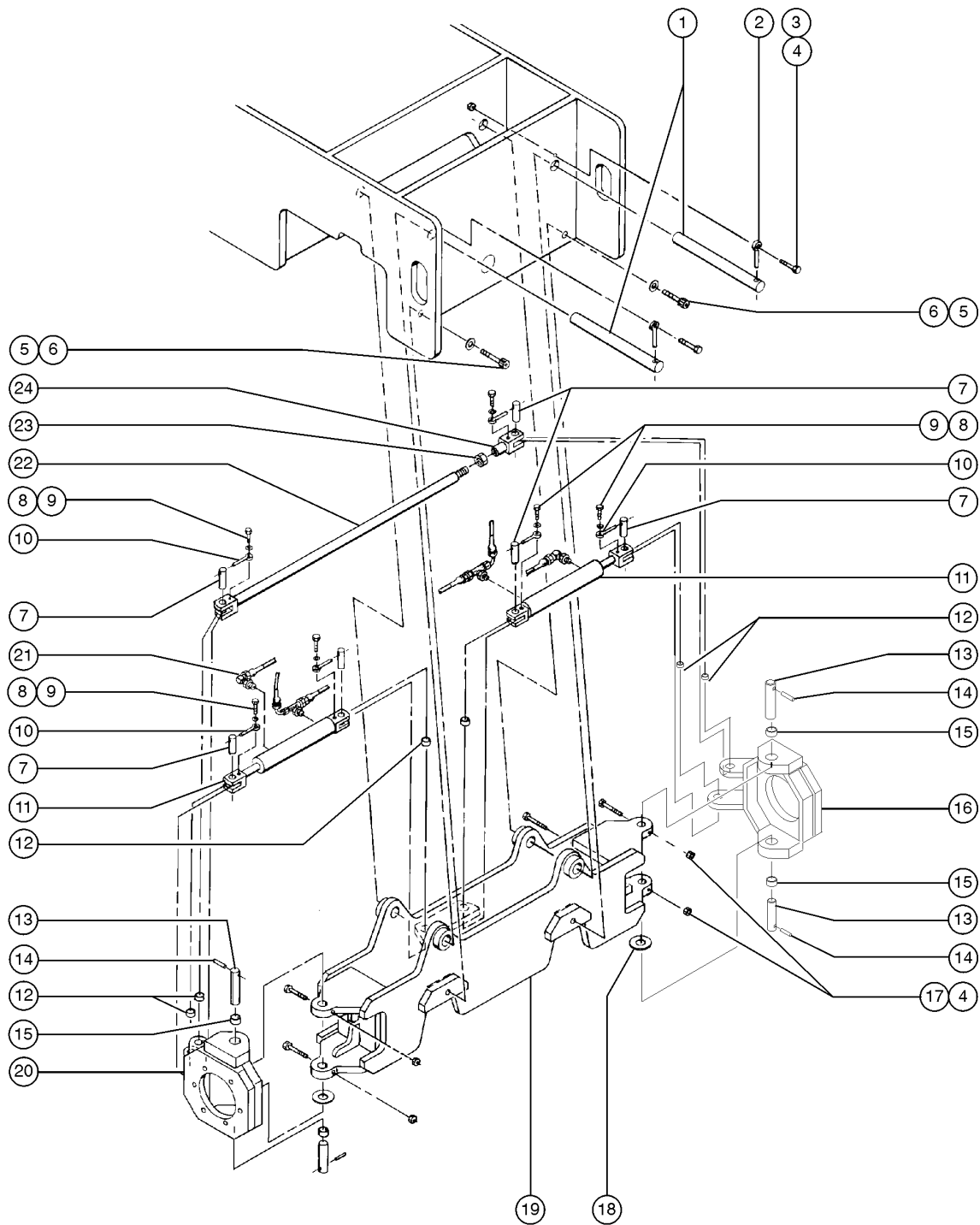
301.1 4WD Steer Axle Linkage - Oscillating Models



301.1 4WD Steer Axle Linkage - Oscillating Models

Item	Part No.	Description	Qty.
1	34484-SGT	TIE ROD WELDMENT,S60***.....1	1
2	27953GT	NUT,HEX,JAM,1.25-7.....1	1
3	33899GT	WELDMENT, ROD END.....1	1
4	45072GT	BEARING,GARLOCK,24DU24.....8	8
5	1264673GT	CYLINDER, OSCILLATE, S60.....1 <i>includes 4 each index number 4</i>	1
--	33428GT	VALVE,COUNTERBALANCE.....1	1
--	33894GT	SEAL KIT,HYDRAULIC CYLINDER.....1	1
6	6096GT	SCREW,HHC,1/2-13 X 2 GR5.....3	3
7	6086GT	NUT,LP NYLOCK,1/2-13.....6	6
8	1256267GT	ROD END,.5 X 3.75,ZAG.....3	3
9	30731GT	PIN,PRIM.Boom,16.0 X 1.5 INCH.....2	2
10	8177GT	SCREW,HHC,1/2-13 X 1.5.....1	1
11	6033GT	WASHER,LOCK,0.5".....1	1
12	34642GT	PIN,2.50DIA X 23.38LG,1HOLE.....1	1
13	34276GT	PIN,1.25DIA X 3.37LG,1HOLE.....6	6
14	88346GT	CYLINDER,S60/65 STEER***.....2	2
--	31078GT	SEAL KIT,HYDRAULIC CYLINDER***.....2 <i>for cylinder 34420; check stamp on part prior to ordering</i>	2
--	88347GT	SEAL KIT,STEER CYL,S60/65*** <i>for cylinder 88346; check stamp on part prior to ordering</i>	
15	30370GT	BEARING,1.25ID X 1.5OD X 1.00L.....6	6
16	14815GT	PIN,ROLL,SST,.25 X 2.25.....4	4
17	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360.....4	4
18	45071GT	BEARING,1.5ID X 1.75OD X 1.5L.....4	4
19	33942GT	YOKE ASSEMBLY, LEFT SIDE 4WD.....1 <i>includes 2 each index numbers 15 and 18</i>	1
20	8220GT	SCREW,HHC,1/2-13 X 4.....4	4
21	45074GT	WASHER,THRUST,1.5 X 3.5 X .187.....2	2
22	25436GT	WASHER,THRUST,2.56 X 4.0 X .18	
23	29746GT	WASHER,FLAT,2.5 X 4 X .062	
24	27698GT	BEARING,2.50ID X 2.75OD X 2.00L.....2	2
25	33908GT	STEER AXLE ASSEMBLY, OSC, S-60....1 <i>includes 2 each index numbers 15 and 24</i>	1
26	33941GT	YOKE ASSEMBLY, RIGHT SIDE 4WD....1 <i>includes 2 each index numbers 15 and 18</i>	1
27	825019GT	ROD END,.375 X 3.69,ZAG.....2	2
28	6175GT	SCREW,HHC,3/8-16 X 1.....8	8
29	6021GT	WASHER,LOCK,,.375.....8	8
30	34641GT	PIN,OSC. AXLE/DRIVE CHASSIS.....2	2
31	1255452GT	ROD END,.375 X 2.25,ZAG.....6	6
32		Ref. Hydraulic Hoses & Fittings.....6 <i>refer to sections 307.1 and 308.1</i>	6

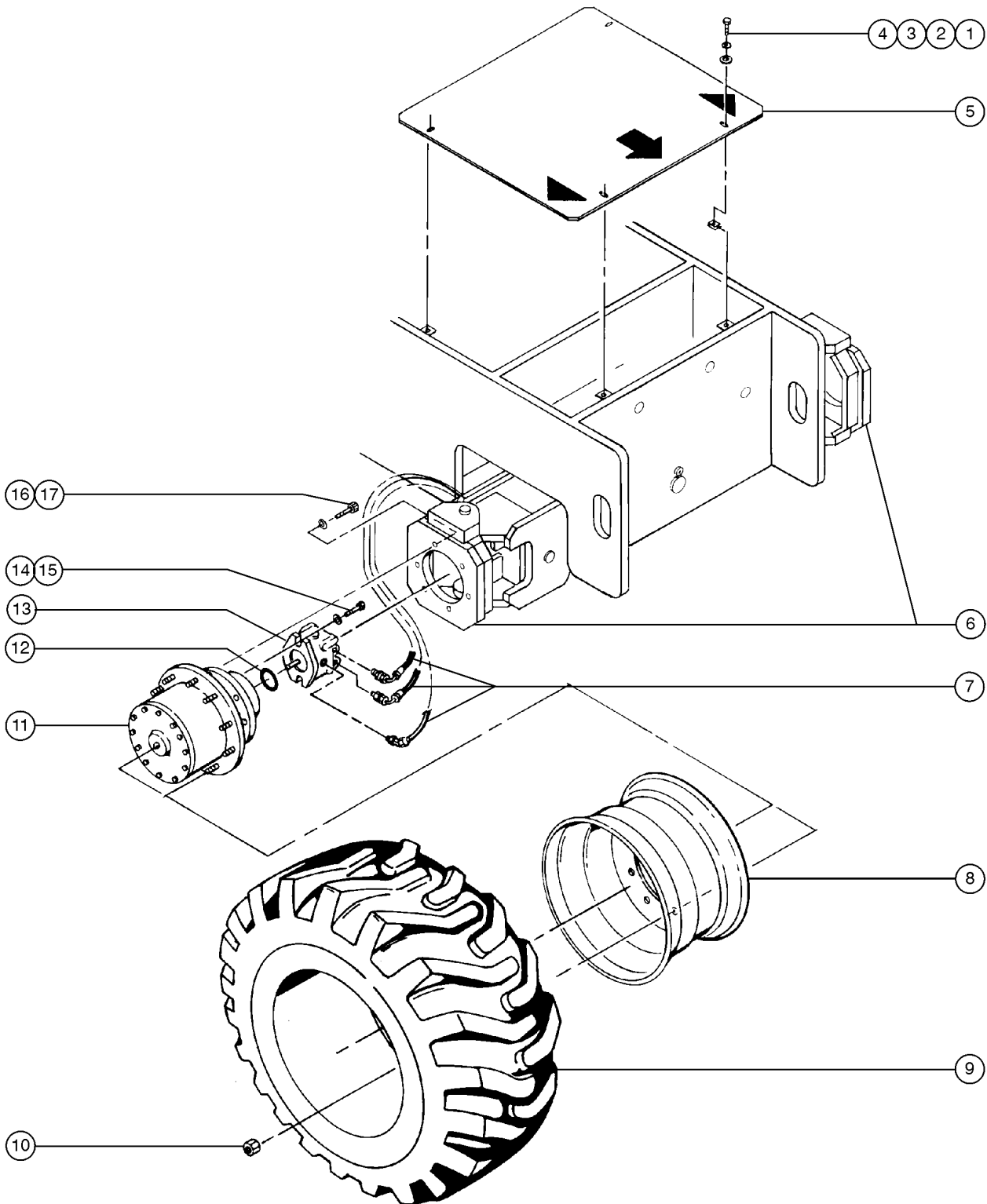
302.1 4WD Steer Axle Linkage Non-oscillating Models



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
--	31078GT	SEAL KIT,HYDRAULIC CYLINDER***	2
		<i>for cylinder 34420; check stamp on part prior to ordering</i>	
--	88347GT	SEAL KIT,STEER CYL,S60/65***	
		<i>for cylinder 88346; check stamp on part prior to ordering</i>	
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.....	1
		<i>includes 2 each index numbers 12 and 15</i>	
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
		<i>includes 2 each index number 12</i>	
20	33941GT	YOKE ASSEMBLY, RIGHT SIDE 4WD....	1
		<i>includes 2 each index numbers 12 and 15</i>	
21		Ref. Hydraulic Hoses & Fittings.....	1
		<i>refer to sections 307.1 and 308.1</i>	
22	34484-SGT	TIE ROD WELDMENT,S60***	1
23	27953GT	NUT,HEX,JAM,1.25-7.....	1
24	33899GT	WELDMENT, ROD END.....	1

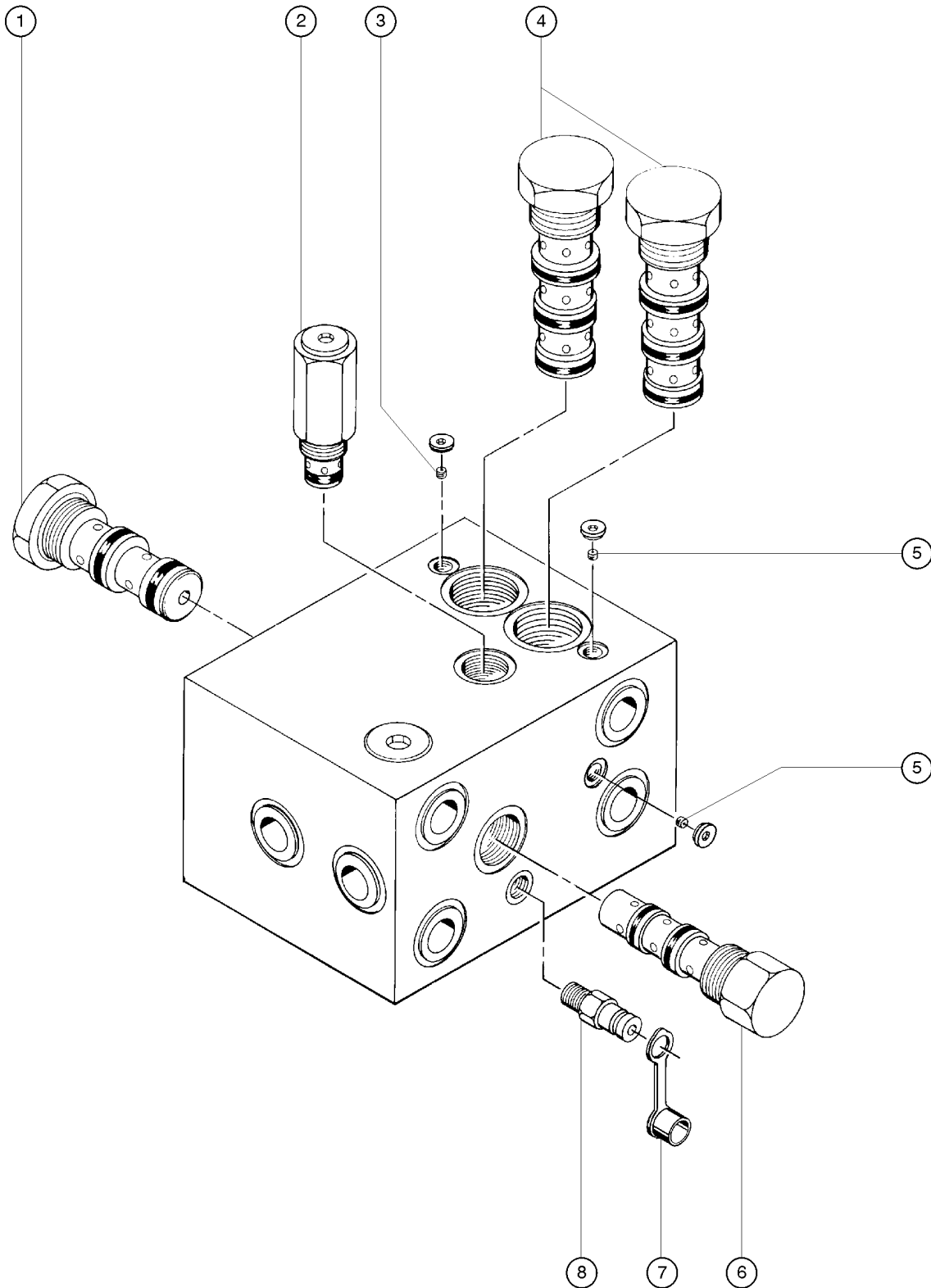
303.1 4WD Steer Axle Wheel Drive



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
6		Ref. 4WD Steer Axle..... <i>refer to sections 301.1 and 302.1</i>	1
7		Ref. Hydraulic Hoses & Fittings..... <i>refer to sections 307.1 and 308.1</i>	1
8	73184GT	WHEEL,19.5 X 11.75,10 HOLE***.....	2
--	73180GT	TIRE & WHEEL RH, AIR S60***..... <i>shown</i>	2
--	73181GT	TIRE & WHEEL LH, AIR S60.....	2
--	73182GT	TIRE & WHEEL ASSY.RIGHT,FF S60.....	2
--	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
--	147558GT	KIT,BEARING,TAPERED,OUTER***	
--	147559GT	KIT,BEARING,TAPERED,INNER***	
--	33440GT	SEAL KIT,TORQUE HUB (34115)***	
--	33441GT	STUD,WHEEL,3/4-16, (34115)	
--	33989PGT	COVER, TORQUE HUB,PAINTED GRAY	
--	33990GT	O-RING, TORQUE HUB COVER	
--	33991GT	ACTUATOR,FOR/DISCONNECT ROD	
--	33992GT	DISCONNECT ROD, TORQUE HUB	
--	58238GT	BEARING KIT,WHEEL DRIVE,S60***	
--	58283GT	BOLT,COVER,WHEEL DRIVE,W3***	
--	58999GT	WASHER,THRUST,(33434)** <i>for models with 3343</i>	
--	65802GT	WASHER,THRUST W3 HUB (53483) <i>for models with 53483</i>	
--	65846GT	BEARING,THRUST WASHER***	
--	65855GT	SNAP RING, W3/W6 TORQUE HUB*	
--	72288GT	COUPLER, METAL(53483)	
12	33433GT	O-RING,MOTOR TORQUE HUB 34115..... <i>measures approx 4" x 0.0625"</i>	2
13	139962GT	MOTOR,WHEEL,25CC FIXED***.....	2
--	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

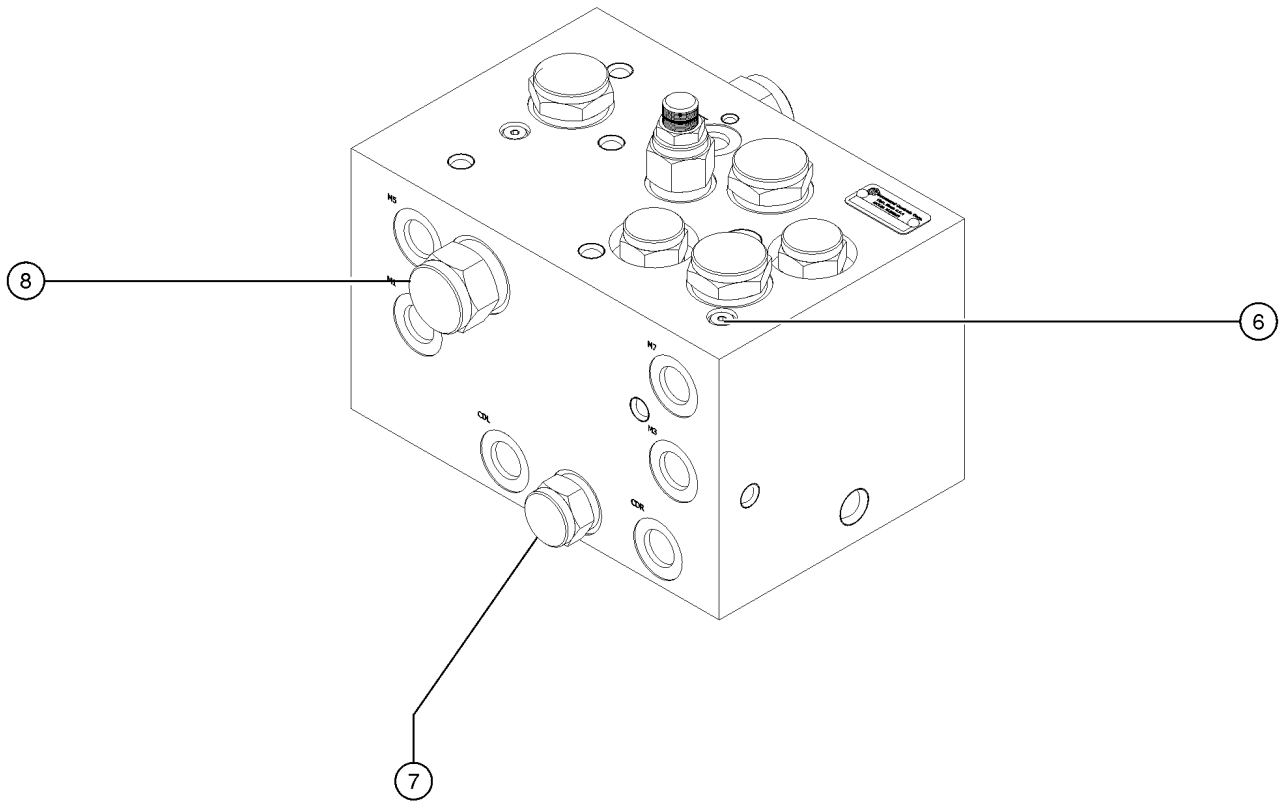
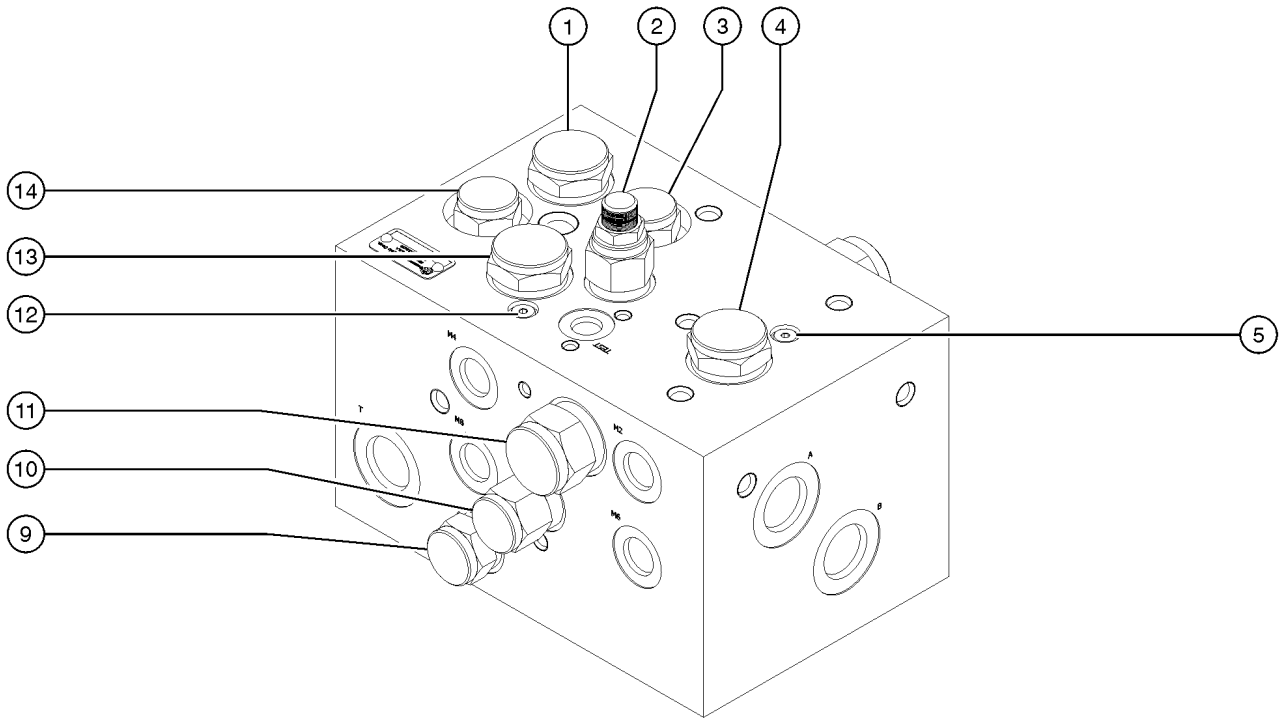
304.1 4WD Drive Manifold



304.1 4WD Drive Manifold

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

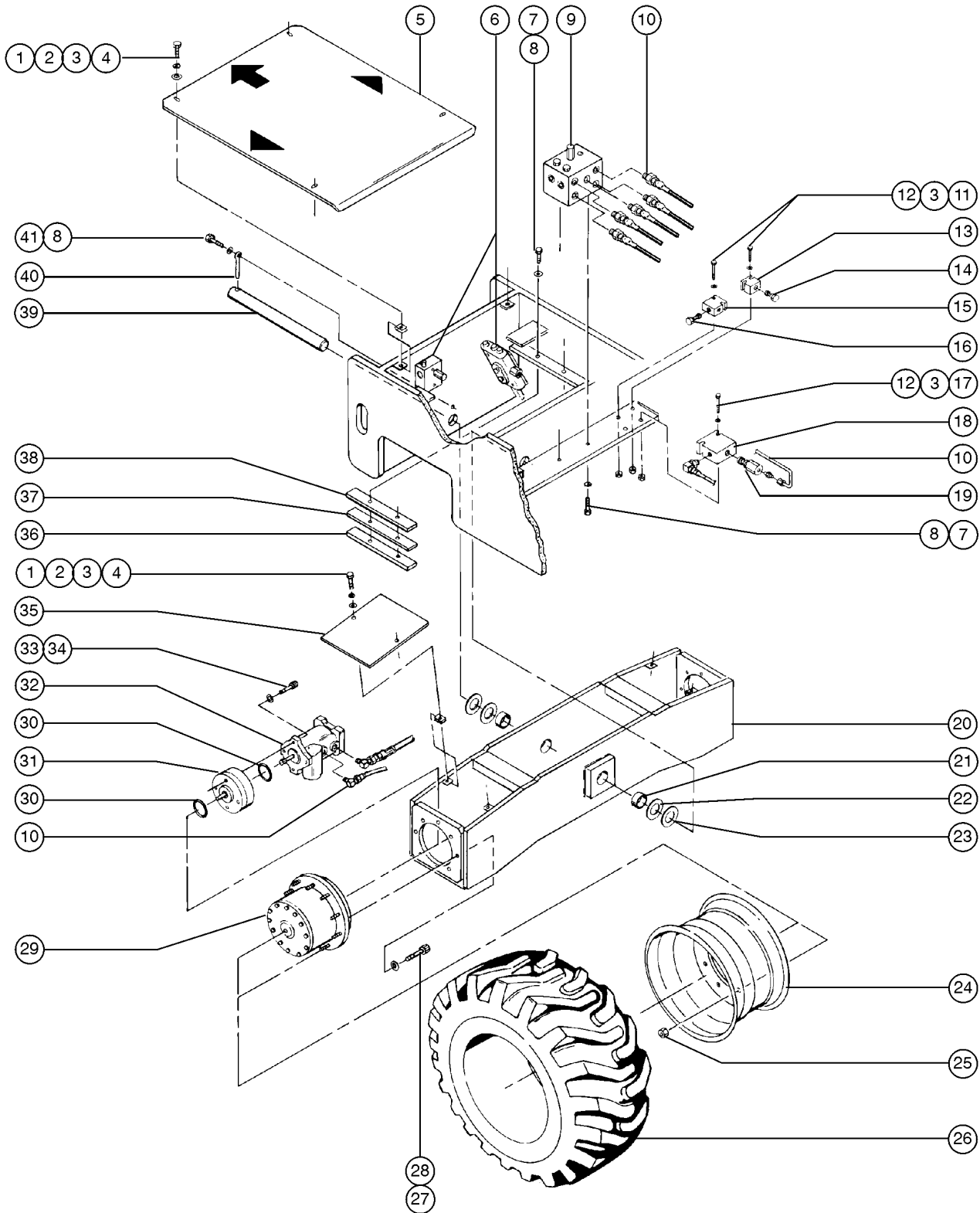
304.2 4WD Drive Manifold



304.2 4WD Drive Manifold

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

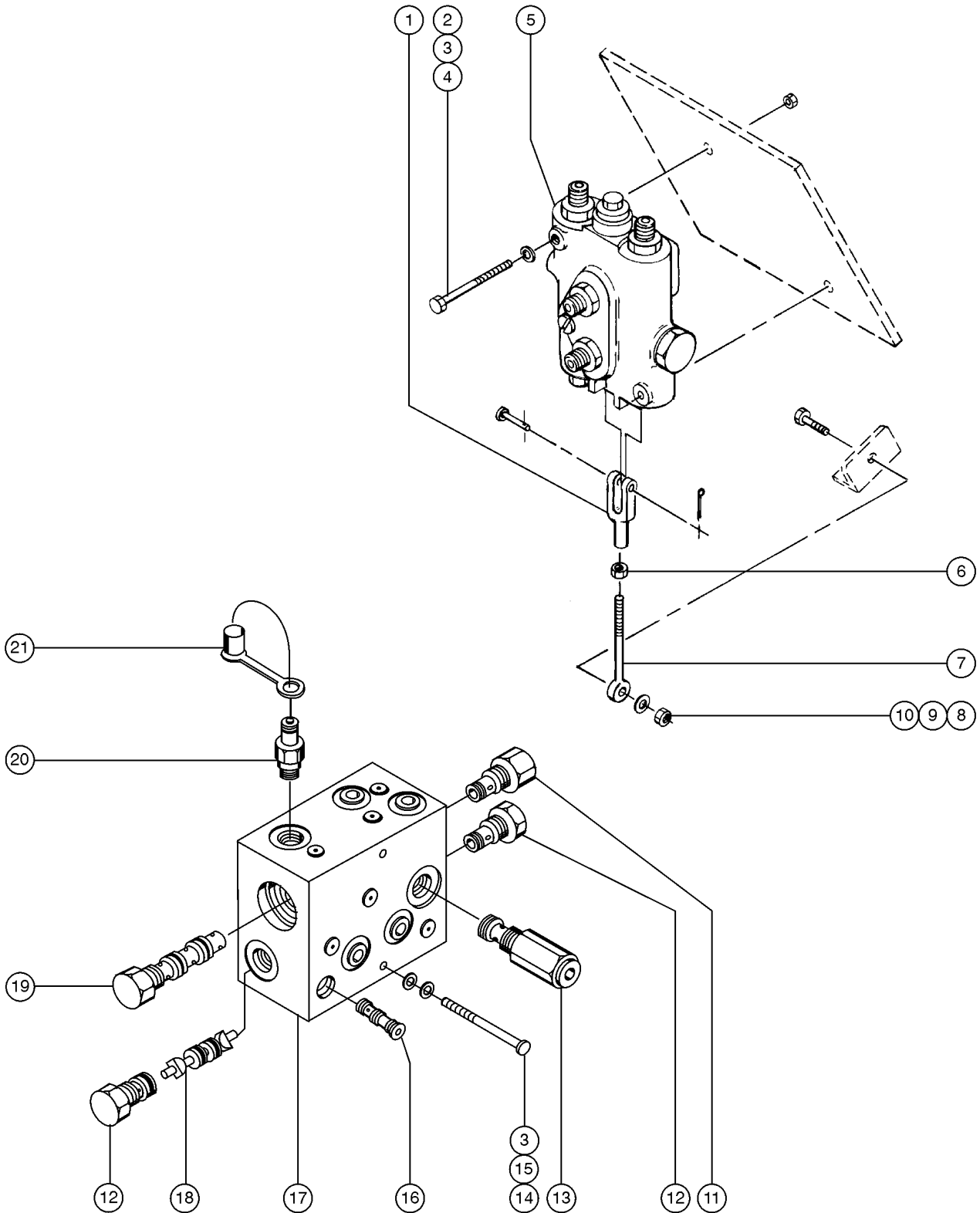
305.1 4WD Non-steer Axle



305.1 4WD Non-steer Axle

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6090GT	SCREW,HHC,1/4-20 X .75.....	8	--	33440GT	SEAL KIT,TORQUE HUB (34115)***	
2	6356GT	WASHER,LOCK,.25.....	8	--	33441GT	STUD,WHEEL,3/4-16, (34115)	
3	6638GT	WASHER,FLAT,USS,1/4"Y.....	14	--	33989PGT	COVER, TORQUE HUB,PAINTED GRAY	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG.....	6	--	33990GT	O-RING, TORQUE HUB COVER	
5	33944GT	COVR W/DECLS,DR CHAS,NS END.....	1	--	33991GT	ACTUATOR,FOR/DISCONNECT ROD	
6		Ref. Oscillation Manifolds..... <i>refer to section 306.1</i>	1	--	33992GT	DISCONNECT ROD, TORQUE HUB	
7	8177GT	SCREW,HHC,1/2-13 X 1.5.....	7	--	58238GT	BEARING KIT,WHEEL DRIVE,S60***	
8	6033GT	WASHER,LOCK,0.5".....	8	--	58283GT	BOLT,COVER,WHEEL DRIVE,W3***	
9		Ref. 4WD Drive Manifold..... <i>refer to section 304.1</i>	8	--	58999GT	WASHER,THRUST,(33434)**	
10		Ref. Hydraulic Hoses & Fittings..... <i>refer to sections 307.1 and 308.1</i>	8	--	65802GT	WASHER,THRUST W3 HUB (53483)	
11	8179GT	SCREW,HHC,1/4-20 X 2.25.....	4	--	65846GT	BEARING,THRUST WASHER***	
12	6091GT	NUT,NYLOCK,1/4-20.....	6	--	65855GT	SNAP RING, W3/W6 TORQUE HUB*	
13	34544GT	VALVE,CHECK..... <i>includes index number 14</i>	1	--	72288GT	COUPLER, METAL(53483)	
14	27759GT	VALVE,CHECK.....	1	30	22811GT	O-RING,MOTOR TO BRAKE***..... <i>measures approx 4" x 0.10"</i>	4
15	34623GT	VALVE,PILOT TO CLOSED CHECK..... <i>includes index number 16</i>	1	31	73919GT	BRAKE,1200 INLB***..... <i>includes 2 each index number 30</i>	2
16	33562GT	VALVE,CHECK,PILOT OPERATED.....	1	--	29291GT	SEAL KIT,MICO..... <i>for Mico Brake 29422 and 41913</i>	2
17	12343GT	SCREW,HHC,1/4-20 X 3.....	2	--	29292GT	BRAKE,LINING KIT,MICO..... <i>for Mico Brake 29422</i>	2
18	34547GT	VALVE,DIRECTIONAL,2POS.2WAY..... <i>includes index number 19</i>	1	--	29293GT	BEARING KIT,MICO..... <i>for Mico Brake 29422 and 41913</i>	2
19	33563GT	VALVE,DIRECTIONAL,2 POS 2 WAY.....	1	--	65608GT	BEARING KIT, AUSCO***	
20	33945GT	NON-STEER AXLE ASSEMBLY S60%..... <i>includes index number 21</i>	1	--	75658GT	LINING KIT,AUSCO (73918)***	
21	34639GT	BEARING,2.5"ID X 2.75 X 2.25"L.....	2	--	75659GT	SEAL KIT, AUSCO (73918)	
22	29746GT	WASHER,FLAT,2.5 X 4 X .062		32	24667GT	DRVE MOTOR REAR,4WD/1DEGREE... <i>includes 1 each index number 30</i>	2
23	25436GT	WASHER,THRUST,2.56 X 4.0 X .18		--	49897GT	GASKET,TURTLE,DRV MTR,EDC	
24	73184GT	WHEEL,19.5 X 11.75,10 HOLE***.....	2	--	65865GT	SEAL KIT, SUNSTRAND.....	2
--	73180GT	TIRE & WHEEL RH, AIR S60***..... <i>shown</i>	2	--	83081GT	COVER, SERVO (24667)	
--	73181GT	TIRE & WHEEL LH, AIR S60.....	2	33	7261GT	SCREW,HHC,1/2-13 X 5 BLACK..... <i>for Mico Brakes</i>	4
--	73182GT	TIRE & WHEEL ASSY.RIGHT,FF S60		--	56680GT	SCREW,SHC,1/2-13 X 4.50 ZINC <i>for Ausco Brake</i>	
--	73183GT	TIRE & WHEEL ASSY.LEFT,FF S60.....	2	34	13066GT	WASHER,FLAT,.5 HARDENED.....	4
25	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS.....	20	35	34409P-SGT	COVER,REAR AXLE BLUE.....	2
26	73185GT	TIRE,38/65D-19.5,16PLY,OTR*.....	2	36	34217P-SGT	BAR,AXLE ROTATION STOP,PAINTED..... <i>oscillating models</i>	2
27	45066GT	SCREW,SHC,5/8-11 X 2.25.....	16	--	34218P-SGT	BAR,AXLE ROTATION STOP,OSC..... <i>non-oscillating models</i>	2
28	13064GT	WASHER,FLAT,.625 HARDENED.....	16	37	34215GT	SHIM,AXLE ROTATION STOP,12GA	
29	33434GT	WHEEL DRIVE,W3 73:1***.....	2	38	34216GT	SHIM,AXLE ROTATION STOP,22GA	
--	147558GT	KIT,BEARING,TAPERED,OUTER***		39	34273GT	PIN,2.50DIAX21.12LG,1HOLE.....	1
--	147559GT	KIT,BEARING,TAPERED,INNER***		40	1256267GT	ROD END,.5 X 3.75,ZAG.....	3
--	33434GT	WHEEL DRIVE,W3 73:1***.....	2	41	6096GT	SCREW,HHC,1/2-13 X 2 GR5.....	1

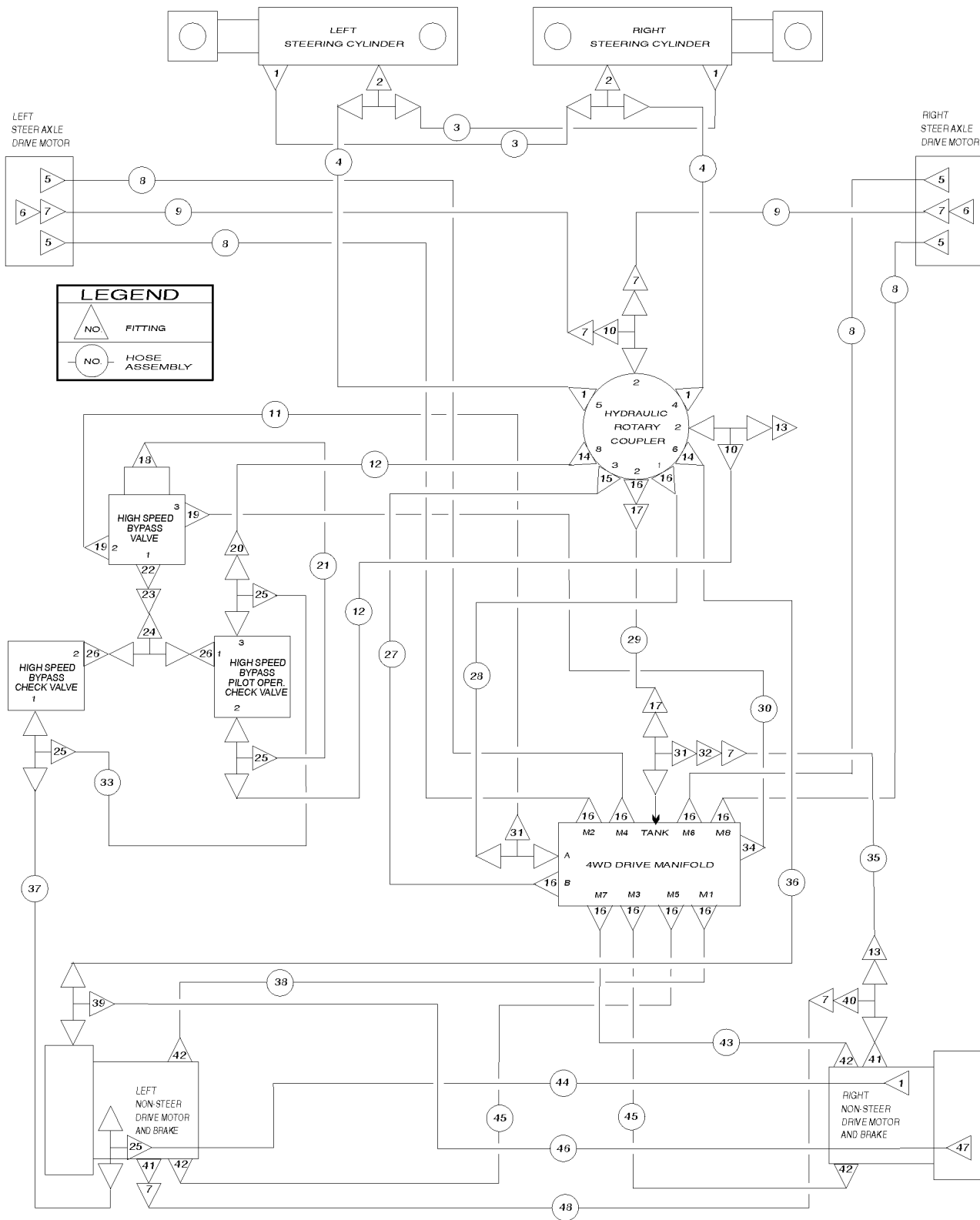
306.1 4WD Oscillation Manifolds



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.....1 <i>includes clevis and cotter pins</i>	
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	
--	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 <i>includes index numbers 11 through 13 and 16 through 19</i>	
--	25375GT	KIT, O-RING.....1	
18	32724GT	PISTON (30797).....1	
19	32723GT	VALVE,SHUTTLE (30797).....1	
20	48997GT	NIPPLE,DIAGNOSTIC,#4.....1	
--	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.	Item	Part No.	Description	Qty.
--	33994GT	PLUG AND CAP KIT-SERVICE,37 **		21	34633GT	FLARE TUBE ASSY,BYPASS #1.....	1
1	13120GT	ELBOW,070220-6-6.....	5	22	27431GT	CONNECTOR,070120-8-12.....	1
2	45705GT	TEE,BRANCH,070429-6-6.....	2	23	45361GT	REDUCER,070123-8-6.....	1
3	34830GT	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)	2	24	45704GT	TEE,BRANCH,070433-6-6.....	1
4	34829GT	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)	2	25	13119GT	TEE,RUN,070428-6-6.....	4
5	28454GT	CONNECTOR,070120-12-10.....	4	26	30392GT	ADAPTER,6402-6-6.....	2
6	45349GT	ELBOW,070320-8-8.....	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
7	20324GT	HOSE END,BARBED,SWIVEL,-8-8.....	7	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
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	29	34837GT	3/4" PUSH ON HOSE, 22" LONG..... Hose - 3/4" Push On (Weatherhead H20112)	1
9	34824GT	HOSE ASSEMBLY, 94"..... Hose - 1/2" Push On (Weatherhead H20108)	2	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
10	20334GT	TEE,RUN,070428-8.....	2	31	28456GT	TEE,RUN,070428-12-12.....	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	32	20325GT	REDUCER,070123-12-8.....	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	33	32632GT	KIT,PAINTED PARTS,DEUTZGRY,Z60.....	1
13	28597GT	HOSE END,BARBED,SWIVEL,90DEG-8.....	2	34	28598GT	CONNECTOR,070120-12-8.....	1
14	12340GT	ELBOW,070220-4-6.....	2	35	34836GT	HOSE ASSEMBLY, 45"..... Hose - 1/2" Push On (Weatherhead H20108)	1
15	22099GT	ELBOW,070320-12-12.....	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
16	19687GT	CONNECTOR,070120-12-12.....	11	37	34833GT	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)	1
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				

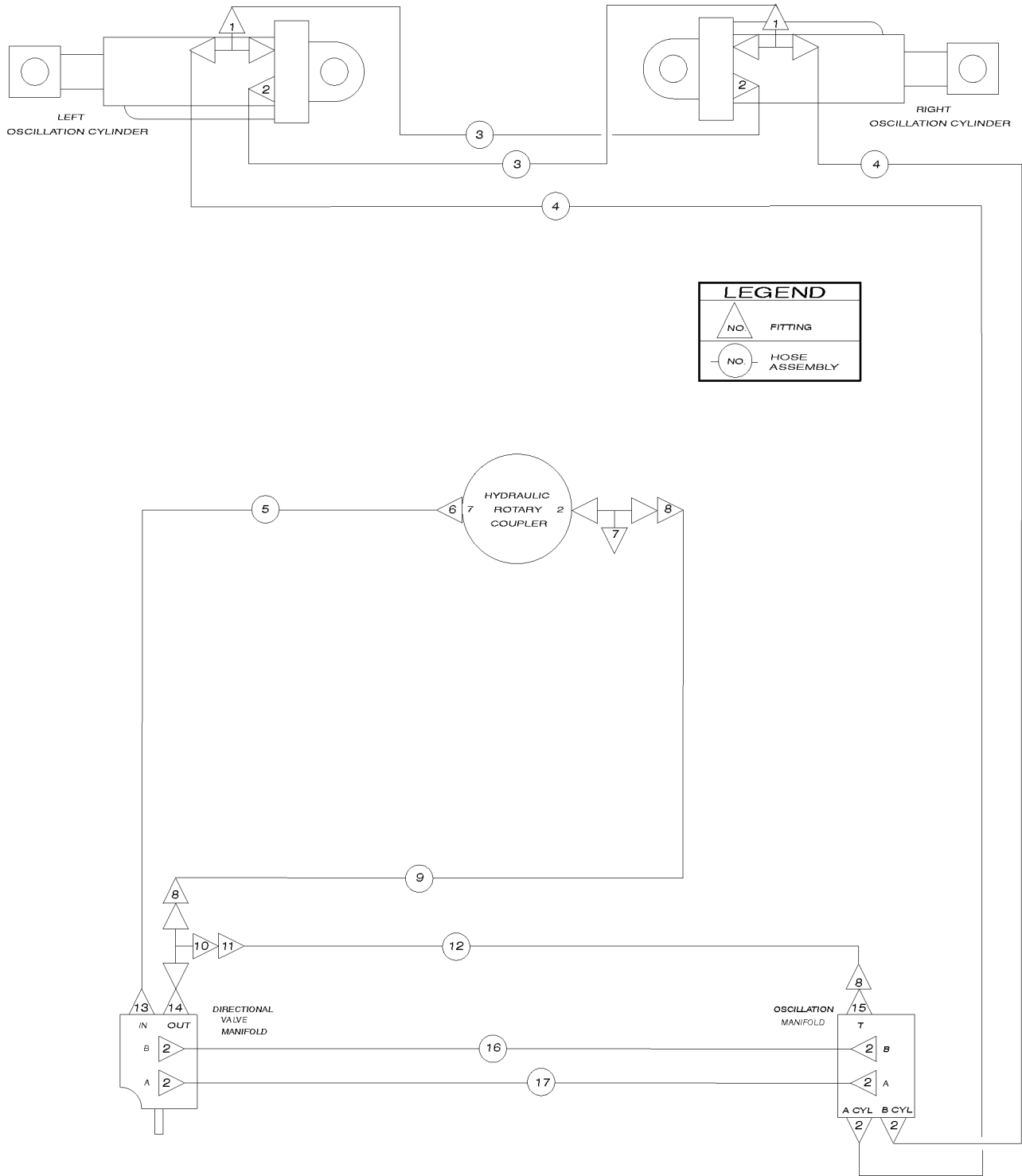
307.1 4WD Hydraulic Hoses and Fittings - Drive and Steer Systems (continued)

Item	Part No.	Description	Qty.
38	34827GT	HOSE ASSEMBLY,49.5".....1 <i>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)</i>	1
39	23802GT	TEE,RUN,070428-4-4.....1	1
40	21252GT	TEE,RUN,070432-8.....1	1
41	25951GT	ELBOW,070220-8-12.....2	2
42	20332GT	ELBOW,070220-12-16.....4	4
43	34826GT	HOSE ASSEMBLY,35".....1 <i>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)</i>	1
44	34832GT	HOSE ASSEMBLY, 60".....1 <i>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)</i>	1
45	34825GT	HOSE ASSEMBLY,40.5".....2 <i>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)</i>	2
46	34834GT	HOSE ASSEMBLY, 68".....1 <i>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)</i>	1
47	13921GT	ELBOW,070220-4-4.....1	1
48	34831GT	HOSE ASSEMBLY, 56".....1 <i>Hose - 1/2" Push On (Weatherhead H20108)</i>	1

307.1 4WD Hydraulic Hoses and Fittings - Drive and Steer Systems
(continued)

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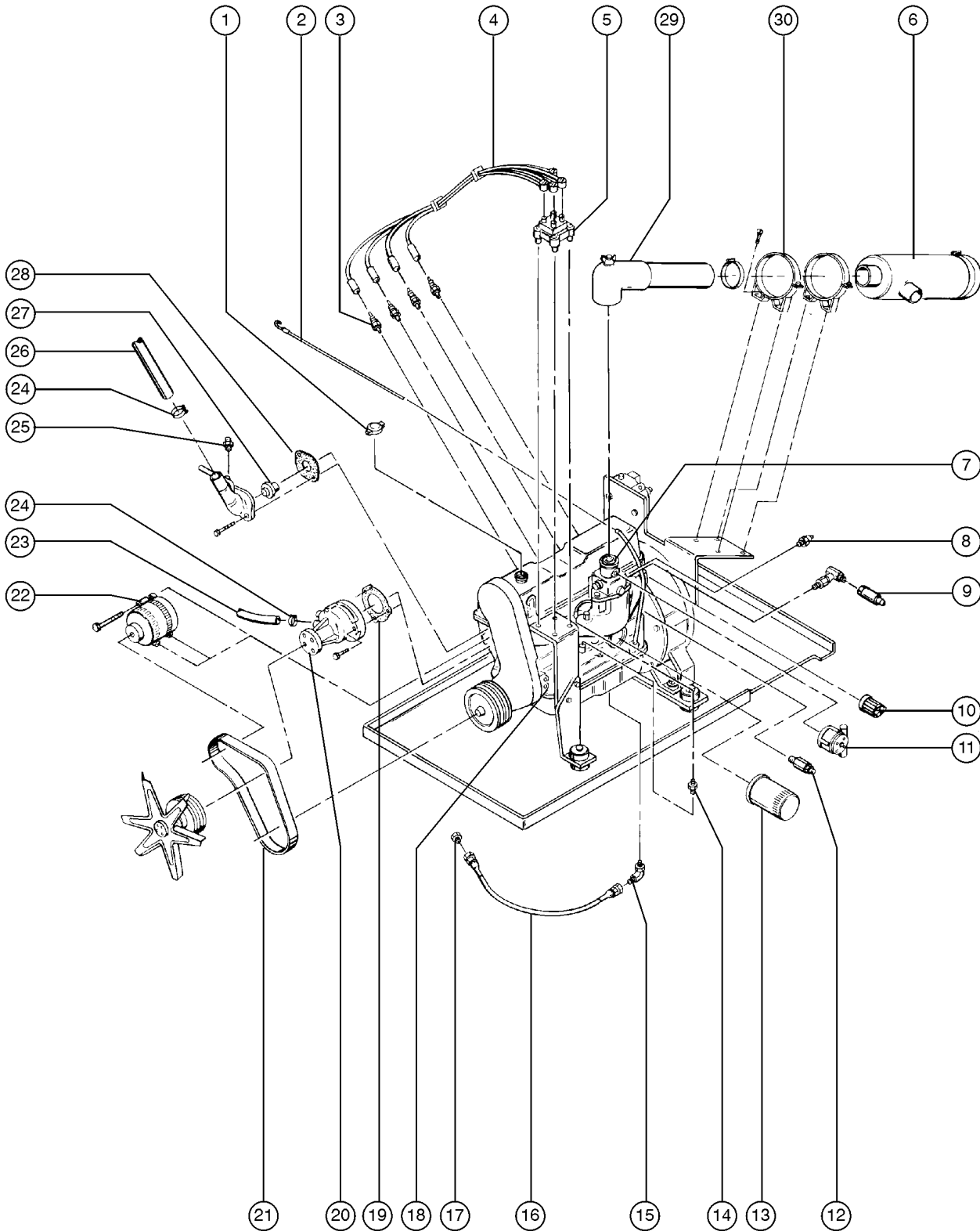
308.1 4WD Hydraulic Hoses and Fittings - Oscillation System



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

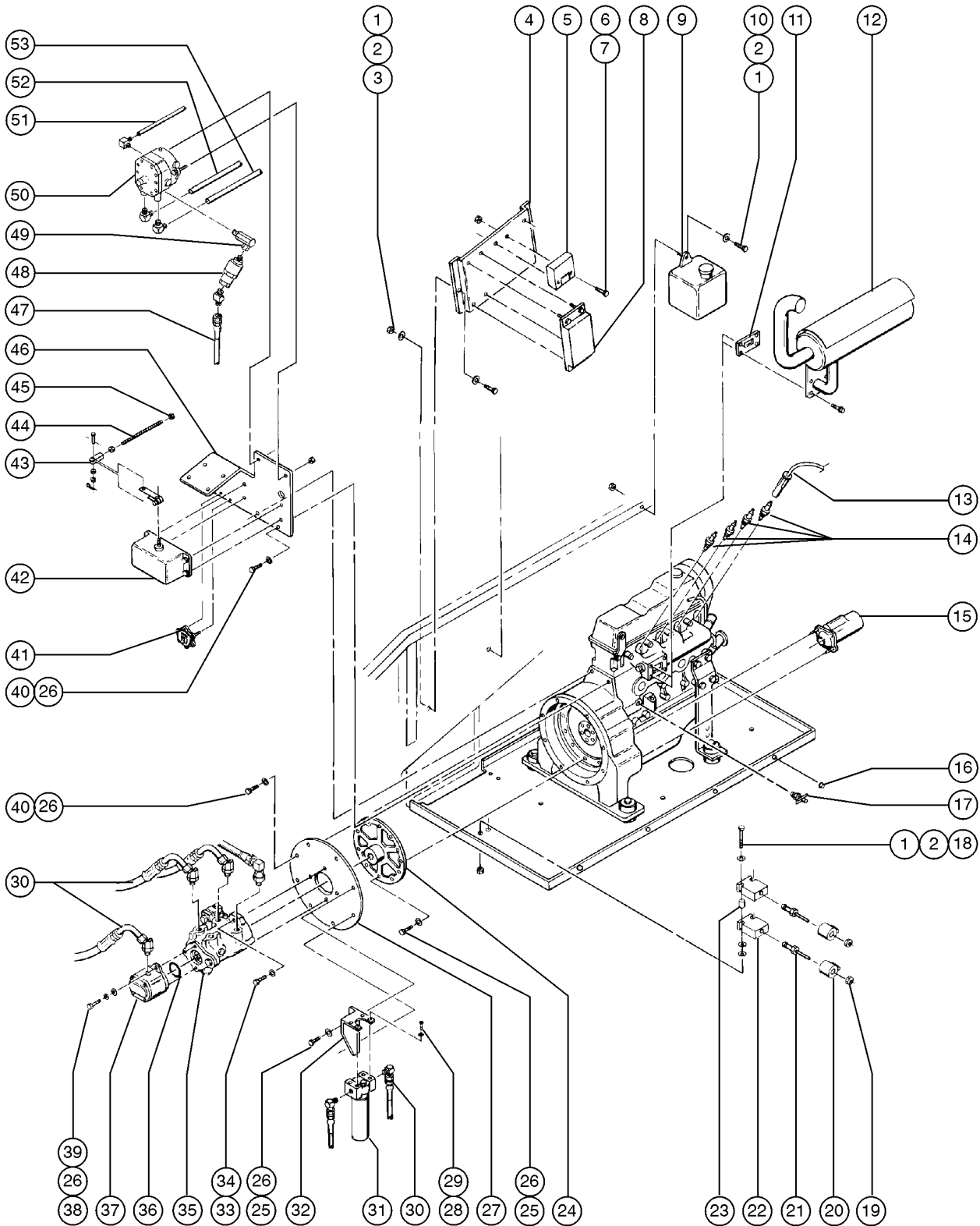
401.1 Ford LRG-423 Engine - View 1



401.1 Ford LRG-423 Engine - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	58480GT	ENGINE BLOCK,FORD,GAS,LRG 423*		29	24552GT	VENTURI,BEAM (FORD) ***.....	1
1	49881GT	OIL FILLER CAP FOR LRG ENGINE.....	1	30	33931GT	MOUNTING BAND (27915).....	2
2		DIPSTICK, FORD LRG 423 (33955)..... <i>(component no longer available)</i>	1				
3	28647GT	SPARK PLUG,FORD.....	4				
4	58928GT	WIRE SET (LRG 423) LG SET**..... <i>(wire lengths 12 to 23 inches)</i>	1				
4A	52570GT	SPARK PLUG WIRE SET, LRG425EFI <i>(wire length 23 to 31 inches)</i>					
5	33970GT	COIL, ELECTRONIC IGN., FORD.....	1				
6	27915GT	AIR CLEANER..... <i>does NOT include mounting brackets</i>	1				
--	27916GT	FILTER,AIR,ELEMENT***.....	1				
--	53952GT	BRKT,AIR CLEANER ORIENTATION**.....	1				
--	65815GT	CLAMP, AIR CLEANER (27915)**..... <i>clamp that holds the end cap on</i>	1				
7	33958GT	CARBURETOR,FORD-LRG 423,AUTO**.....	1				
--	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***..... <i>dual-terminal sender</i>	1				
11	29439GT	COIL, AUTOMATIC CHOKE,.....	1				
12	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704.....	1				
13	28656GT	FILTER,OIL,FORD..... <i>Genie genuine part</i>	1				
--	1259054GT	FILTER, OIL, FORD <i>Genie aftermarket part</i>					
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..... <i>includes index number 19</i>	1				
21	33961GT	SERPENTINE BELT.....	1				
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				

402.1 Ford LRG-423 Engine - View 2



402.1 Ford LRG-423 Engine - View 2

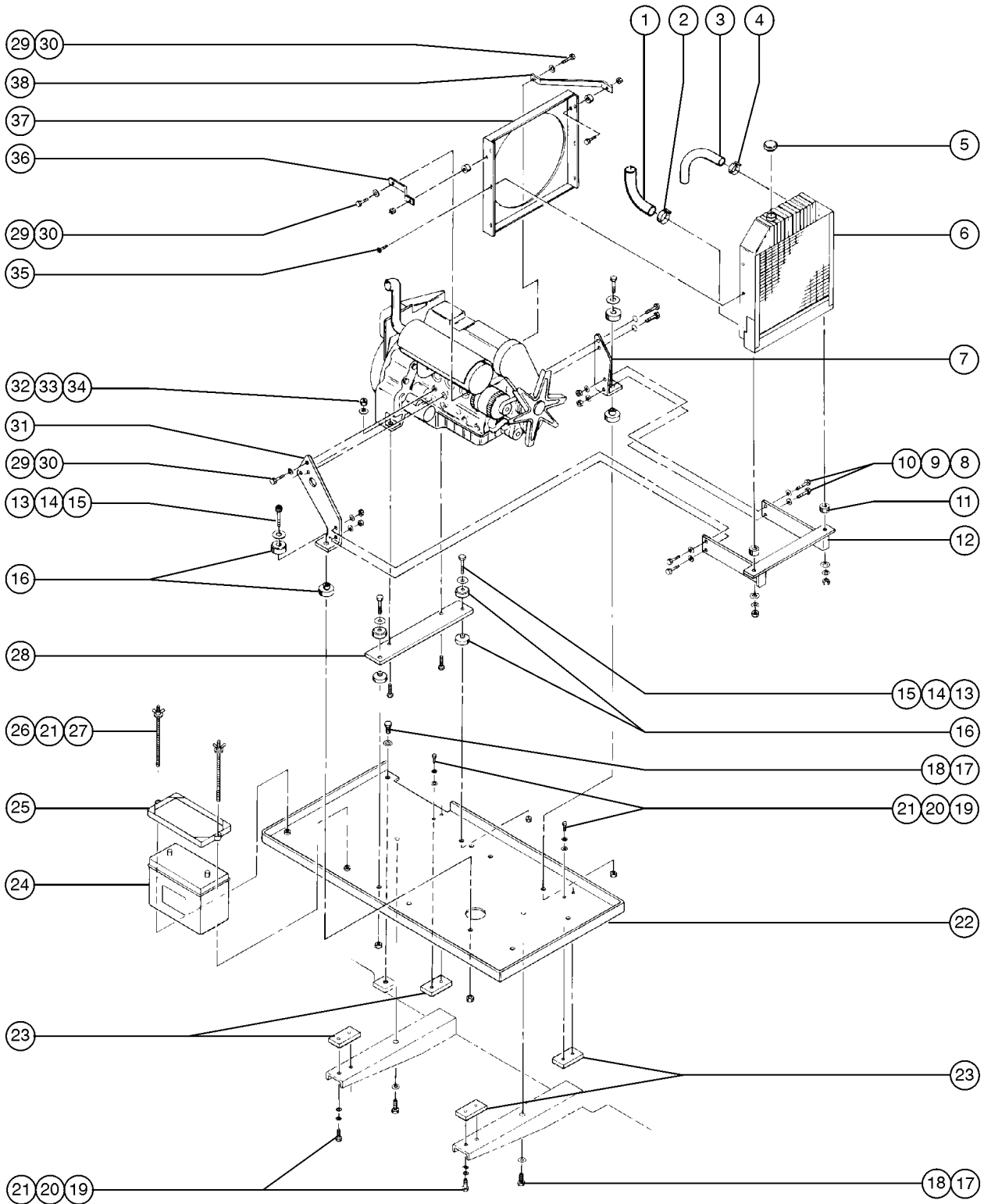
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	65770GT	BELT,TIMING,FORD LRG423/425EFI		30		Ref. Hydraulic Hoses & Fittings.....4 <i>refer to section 509.1</i>	
1	6091GT	NUT,NYLOCK,1/4-20.....5		31		FILTER ASY,M PRESS,SAE8,WOUND* (77139).....1 <i>component no longer available</i>	
2	6638GT	WASHER,FLAT,USS,1/4"Y.....9		--	20880GT	FILTER ELEMENT-10 MIC.*** <i>for 20879 (no longer available)</i>	
3	8914GT	SCREW,HHC,1/4-20 X .625.....2		--	60857GT	FILTER,ELEMENT,BETA(5)=1000 <i>for 77139</i>	
4	31250GT	IGNITION MODULE MTG.PLATE ASSY.....1		31A	1267807GT	ASSY, MED. PRESS. FILTER, SAE8	
5		KIT,LRG423 IGNITION MODULE (128658).....1 <i>component no longer available</i>		--	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS <i>for 1267807</i>	
6	6179GT	SCREW,RHM,10-32 X 1.25.....2		32	30230PGT	FILTER MOUNT BRACKET.....1	
7	14392GT	NUT,LP NYLOCK,10-32.....2		33	8177GT	SCREW,HHC,1/2-13 X 1.5.....2	
8	34935GT	GOVERNOR,CNTRLR,FORD,LRG 423**.....1		34	6033GT	WASHER,LOCK,0.5".....4	
9	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT.....1		35	37027GT	PUMP,VAR PISTON,2.8 C.I.***.....1	
10	8915GT	SCREW,HHC,1/4-20 X 1.25.....1		--	22965GT	EDC ASSY,SAUER,M46***.....1	
11	27142GT	GASKET,EXHAUST***.....1		--	29739GT	SEAL KIT,SAUER-DANFOSS M46***.....1	
12	48439GT	MUFFLER,EXH,FORD,BIG BOOMS***...1		--	32611GT	SHAFT,M46 15 TOOTH.....1	
13	58928GT	WIRE SET (LRG 423) LG SET**.....1 <i>(wire lengths 12 to 23 inches)</i>		36	29436GT	O-RING***.....1	
13A	52570GT	SPARK PLUG WIRE SET, LRG425EFI <i>(wire length 23 to 31 inches)</i>		37	53959GT	PUMP,LIFT 1.403 C.I.***.....1	
14	28647GT	SPARK PLUG,FORD.....4		--	58228GT	SEAL KIT***.....1	
15	29606GT	RING GEAR,FORD*** <i>FITS LSG-LRG 423, AND LRG425</i>		38	33988GT	SCREW,SHC,3/8-16 X 1.....2	
15	29616GT	STARTER,ENGINE,FORD LSG/LRG***.....1		39	6097GT	WASHER,FLAT,USS,3/8",Y.....2	
16	34619GT	BUMPER,RUBBER***.....4		40	6175GT	SCREW,HHC,3/8-16 X 1.....2	
17	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.....1		41	22278GT	SWITCH,VACUUM.....1	
18	11413GT	SCREW,HHC,1/4-20 X 4.....2		42	34936GT	GOVERNOR,ACTUATOR,FORD LRG423.....1	
19	52943GT	NUT,SOLENOID VALVE COIL.....2		43	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN.....1 <i>includes clevis pin</i>	
20	27814GT	COIL,SOLENOID,10V.....2		44	30785-1000GT	THREADED ROD,1/4-28 X 10 IN***.....1	
21	29066GT	VALVE,SOLENOID,10V,2POS 3WAY**.....2 <i>includes index numbers 19 and 20</i>		45	21496GT	NUT,HEX,1/4-28.....2	
22	30369GT	SOLENOID VALVE,N.C. 2POS. 3WAY.....2 <i>includes index number 21</i>		46	34939PGT	BRACKET,LP REG/AIR FILTER,PNTD....1	
23	45400GT	SPACER TUBE,.50 LG.....2		47	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**....1	
24	28836GT	COUPLING KIT,FLYWHEEL,FL 15T.....1 <i>(includes flexplate and coupler)</i>		48	27010GT	VALVE,LOCK OFF,BEAM #FL-418.....1	
--	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*.....1		49	27042GT	ELBOW,90DEG.1/4MPT,1/4SW,NPTF....1	
25	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5.....8		50	24551GT	REGULATOR,LPG,BEAM #120A.....1 <i>Type 120 regulator</i>	
26	6021GT	WASHER,LOCK,.375.....14		--	32768GT	REGULATOR DIAPH.KIT BEAM 120A....1 <i>for 24551</i>	
27	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED.....1		50A	22279GT	REGULATOR,LPG BEAM 60*** <i>Type 60 regulator</i>	
28	7339GT	SCREW,HHC,1/4-20 X .5.....4		--	24470GT	REGULATOR DIAPH.KIT BEAM 50/60 <i>for 22279</i>	
29	6356GT	WASHER,LOCK,.25.....4		51		Ref. Hose - 3/16 x 17.5 inches (44.5 cm), Regulator to Carburetor Venturi.....1	

402.1 Ford LRG-423 Engine - View 2
(continued)

Item	Part No.	Description	Qty.
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

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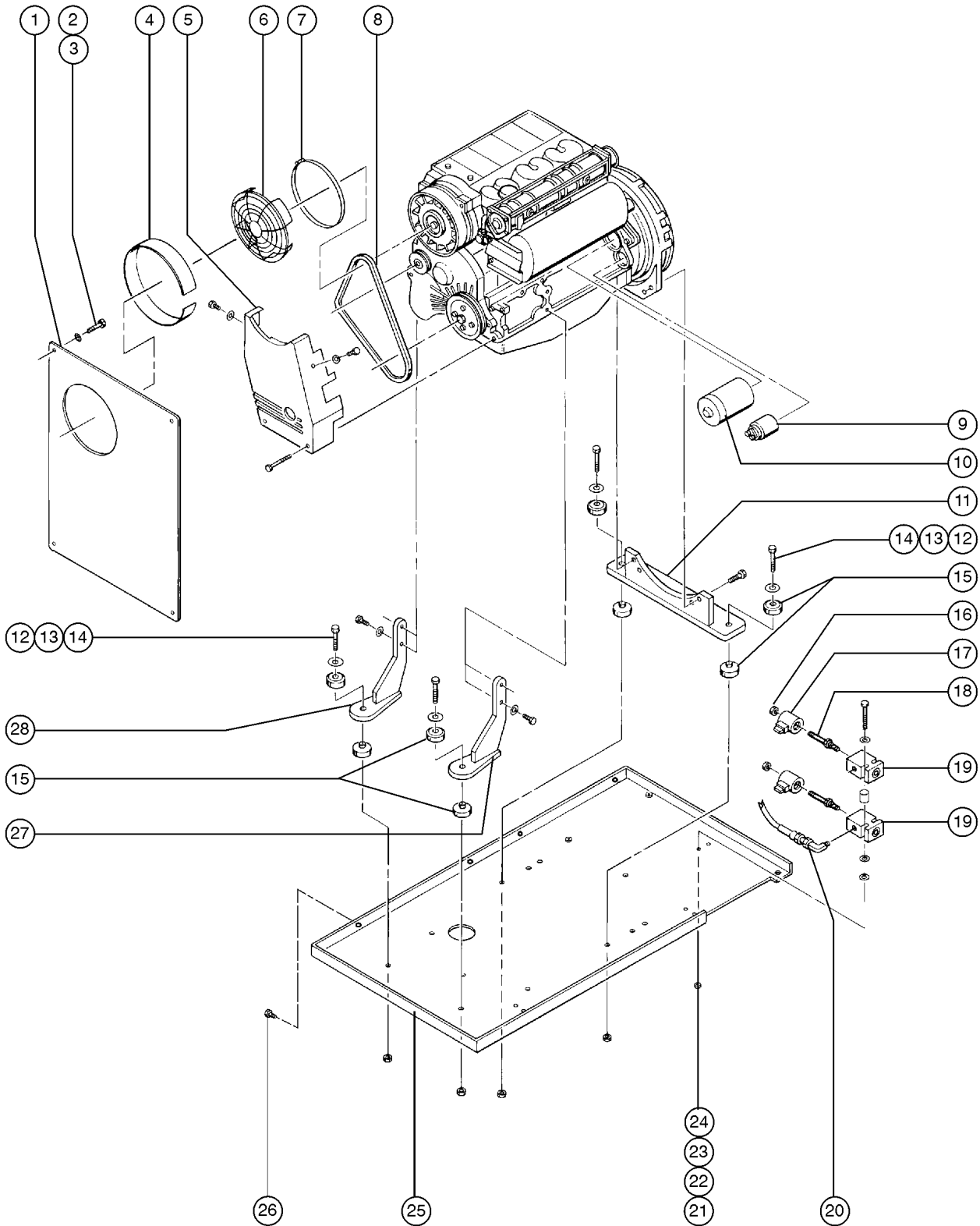
403.1 Ford LRG-423 Engine - View 3



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
--	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	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	30143GT	BATTERY,12V,1000 CCA GRP 31.....	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
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	6
36	34942P-SGT	STRUT,RH,FORD RADIATOR,PAINT.....	1
37	34927P-SGT	SHROUD,RADIATOR LRG 423 BLUE**.....	1
38	34943P-SGT	MOUNT,RAD.SUPPT,LH,BLUE.....	1

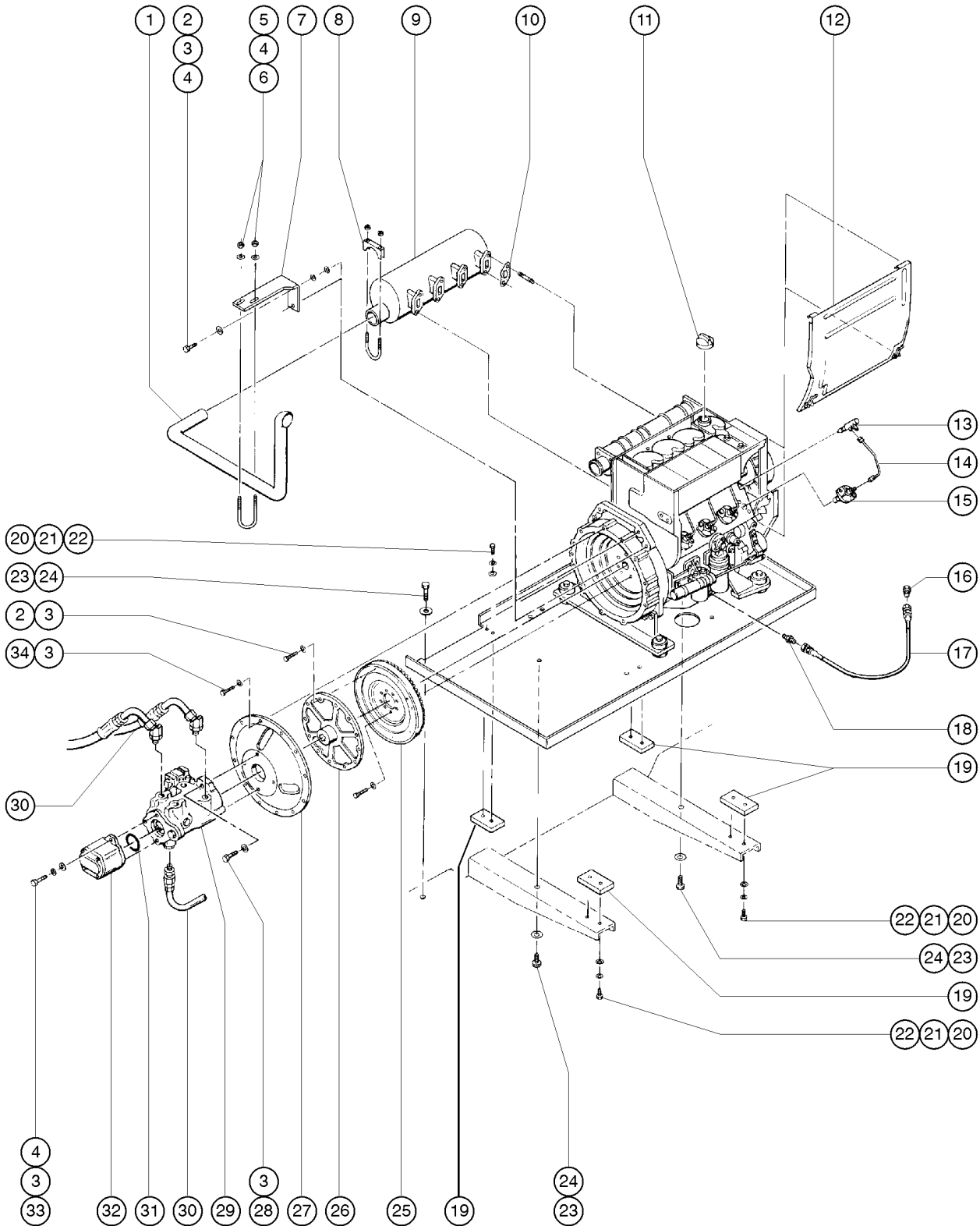
404.1 Deutz F4L 1011 Engine - View 1



404.1 Deutz F4L 1011 Engine - View 1

Item	Part No.	Description	Qty.
--	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	
--	70453GT	ENGINE, DEUTZ D2011L03I <i>F3L 1011 AND F3L 1011F Engines only</i>	
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	SHEET, RUBBER, AIR INTAKE.....	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, V, DEUTZ DIESEL ENGINE.....	1
9	29552GT	STARTER SOLENOID, DEUTZ 25484....	1
10	29551GT	STARTER ASSY - PRE 8/14/95..... <i>includes index number 9</i>	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**..... <i>includes index numbers 16 and 17</i>	2
19	30369GT	SOLENOID VALVE, N.C. 2POS. 3WAY..... <i>includes index number 18</i>	2
20		Ref. Hydraulic Hoses & Fittings..... <i>refer to section 509.1</i>	2
21	6091GT	NUT, NYLOCK, 1/4-20.....	2
22	6638GT	WASHER, FLAT, USS, 1/4"Y.....	6
23	45400GT	SPACER TUBE, .50 LG.....	2
24	11413GT	SCREW, HHC, 1/4-20 X 4.....	2
25	30679-SGT	WELDMENT, ENGINE MODULE PLATE.....	1
26	34619GT	BUMPER, RUBBER***.....	4
27	32748GT	WELMENT, DEUTZ ENGINE MOUNT....1	
28	32749GT	WELDMENT, DEUTZ ENGINE MOUNT...1	

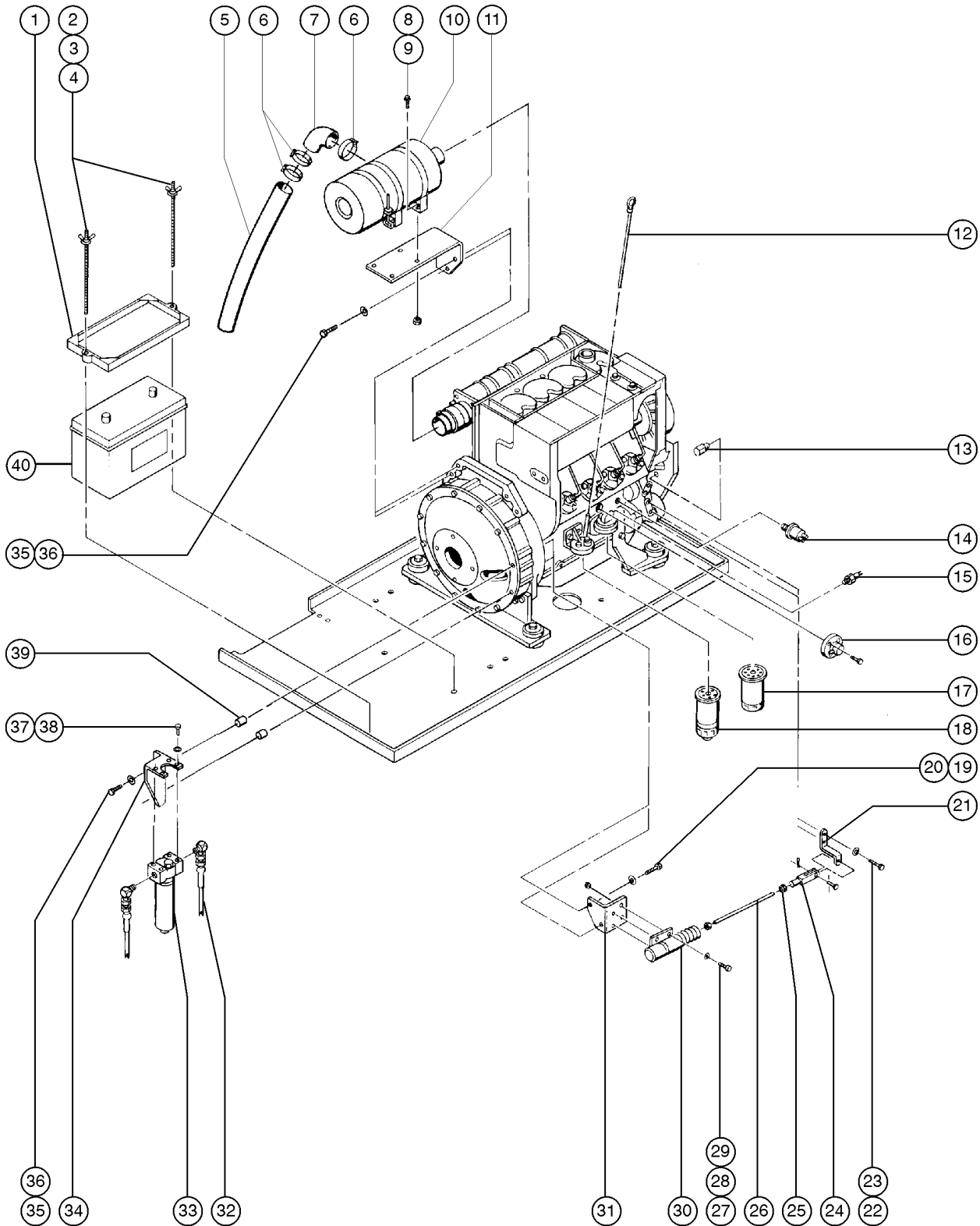
405.1 Deutz F4L 1011 Engine - View 2



405.1 Deutz F4L 1011 Engine - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34551GT	EXHAUST, TAILPIPE, DEUTZ.....	1	30		Ref. Hydraulic Hoses & Fittings..... <i>refer to section 509.1</i>	1
2	6019GT	SCREW, HHC, 3/8-16 X 1.25 GRD 5.....	14	31	29436GT	O-RING***.....	1
3	6021GT	WASHER, LOCK, .375.....	27	32	53959GT	PUMP, LIFT 1.403 C.I.***.....	1
4	6097GT	WASHER, FLAT, USS, 3/8", Y.....	6	--	31249GT	SEAL KIT, LIFT PUMP**..... <i>for lift pump 32604</i>	1
5	6002GT	NUT, LP NYLOCK, 5/16-18.....	2	--	58228GT	SEAL KIT***	
6	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***.....	1	33	33988GT	SCREW, SHC, 3/8-16 X 1.....	2
7	27329P-SGT	BRACKET, EXHAUST SUPPORT, PAINTD.....	1	34	6175GT	SCREW, HHC, 3/8-16 X 1.....	12
8	30438GT	CLAMP, MUFFLER, 2 1/4" ID.....	2				
9	29558GT	MUFFLER**.....	1				
--	53867GT	SCRUBBER MUFFLER, DEUTZ, F4L1011 <i>option</i>					
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*..... <i>(please verify ring gear thickness) 0.365 inches</i>	1				
--	49917GT	RING GEAR, DEUTZ F3 & F4L1011F*..... <i>(please verify ring gear thickness) 0.46 inches</i>	1				
--	89785GT	RING GEAR, DEUTZ F3L2011F..... <i>(please verify ring gear thickness) 0.6 inches</i>	1				
26	34380GT	FLYWHEEL COUPLING, TYPE FL.....	1				
--	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				
--	22965GT	EDC ASSY, SAUER, M46***.....	1				
--	27067GT	SEAL, SHAFT-SUNDSTRAND***					
--	29739GT	SEAL KIT, SAUER-DANFOSS M46***.....	1				
--	32611GT	SHAFT, M46 15 TOOTH.....	1				
--	65843GT	SEAL KIT, EDC <i>use for EDC ASSY 22965</i>					

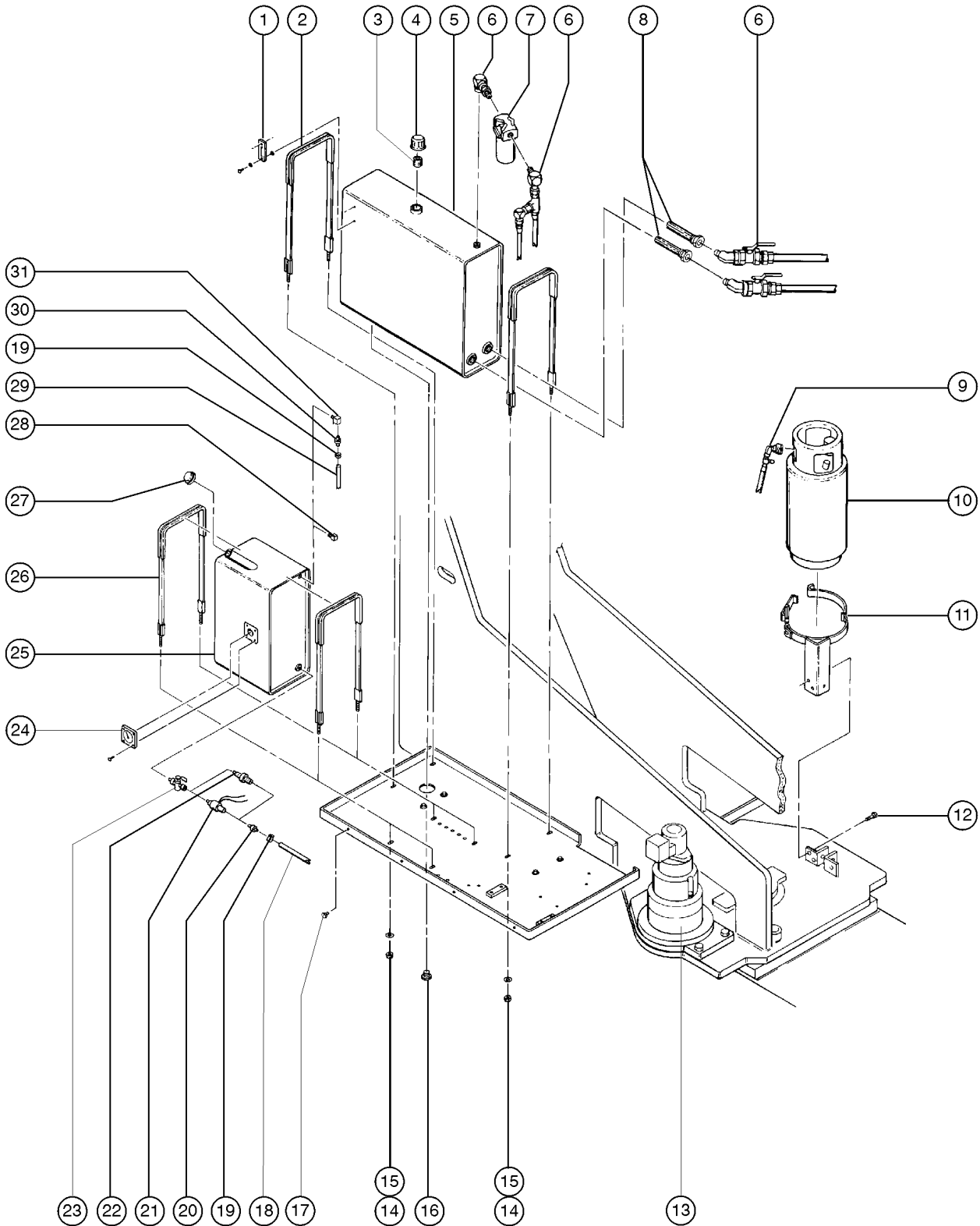
406.1 Deutz F4L 1011 Engine - View 3



406.1 Deutz F4L 1011 Engine - View 3

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	30144GT	BATTERY HOLD DOWN, GROUP 31.....	1	26	30785-1500GT	THREADED ROD, 1/4-28 X 15 IN***.....	1
2	30784-975GT	THREADED ROD, (1/4-20), 9.75.....	2	27	6090GT	SCREW, HHC, 1/4-20 X .75.....	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y.....	2	28	6638GT	WASHER, FLAT, USS, 1/4"Y.....	4
4	8170GT	NUT, WING, 1/4-20.....	2	29	6091GT	NUT, NYLOCK, 1/4-20.....	4
5	34162-3150GT	HOSE, AIR INTAKE 2.5" I.D.....	1	30	29073GT	SOLENOID, THROTTLE.....	1
6	30971GT	CLAMP, HOSE, 3.00".....	5	31	33241PGT	BRACKET, SOLENOID MTG, PAINTED....	1
7	34164GT	ELBOW, 90 DEGR, RUBBER, 2.5" I.D.*.....	1	32		Ref. Hydraulic Hoses & Fittings.....	1
8	18506GT	SCREW 5/16-18 X .75 LG. FLG. LCK.....	4			<i>refer to section 509.1</i>	
9	6002GT	NUT, LP NYLOCK, 5/16-18.....	4	33		FILTER ASY, M PRESS, SAE8, WOIND* (77139).....	1
10	27915GT	AIR CLEANER.....	1			<i>component no longer available</i>	
--	27916GT	FILTER, AIR, ELEMENT***.....	1	--	20880GT	FILTER ELEMENT-10 MIC.***.....	1
--	53952GT	BRKT, AIR CLEANER ORIENTATION**.....	1	--	60857GT	FILTER, ELEMENT, BETA(5)=1000.....	1
--	65815GT	CLAMP, AIR CLEANER (27915)**.....	1			<i>for 77139</i>	
11	30769PGT	BRCKET, AIR CLEANER MTG. PAINT**.....	1	33A	1267807GT	ASSY, MED. PRESS. FILTER, SAE8	
12A	32750GT	DIPSTICK.....	1	--	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS <i>for 1267807</i>	
		<i>check before ordering (10 1/2")</i>		34	30230PGT	FILTER MOUNT BRACKET.....	1
12B	49922GT	DIPSTICK - DEUTZ F4L1011F.....	1	35	6019GT	SCREW, HHC, 3/8-16 X 1.25 GRD 5.....	4
		<i>check before ordering (9")</i>		36	6021GT	WASHER, LOCK, .375.....	4
13	T114678GT	SHUTDOWN SOLENOID, 12V, DEUTZ....	1	37	7339GT	SCREW, HHC, 1/4-20 X .5.....	4
		<i>(must order cable assembly, 58256, if replacing 32752) (includes o-ring)</i>		38	6356GT	WASHER, LOCK, .25.....	4
--	45782GT	DIODE, 6 AMP, 200 PIV, BULK		39	8878GT	SPACER, .40X.50X.560.....	2
--	58256GT	SOLENOID CABLE ASSY***		40	30143GT	BATTERY, 12V, 1000 CCA GRP 31.....	1
--	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* <i>(does not include diode, 45782)</i>					
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.....	1				
		<i>Genie Genuine Part. See PIN 1254826 for compatible aftermarket replacement.</i>					
--	1254826GT	FUEL FILTER W/SEP, DEUTZ, 1008.....	1				
		<i>Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.</i>					
19	23057GT	SCREW, HHC, M8 X 20MM.....	2				
20	6886GT	WASHER, LOCK, .313.....	2				
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				
		<i>includes clevis pin</i>					
25	21496GT	NUT, HEX, 1/4-28.....	2				

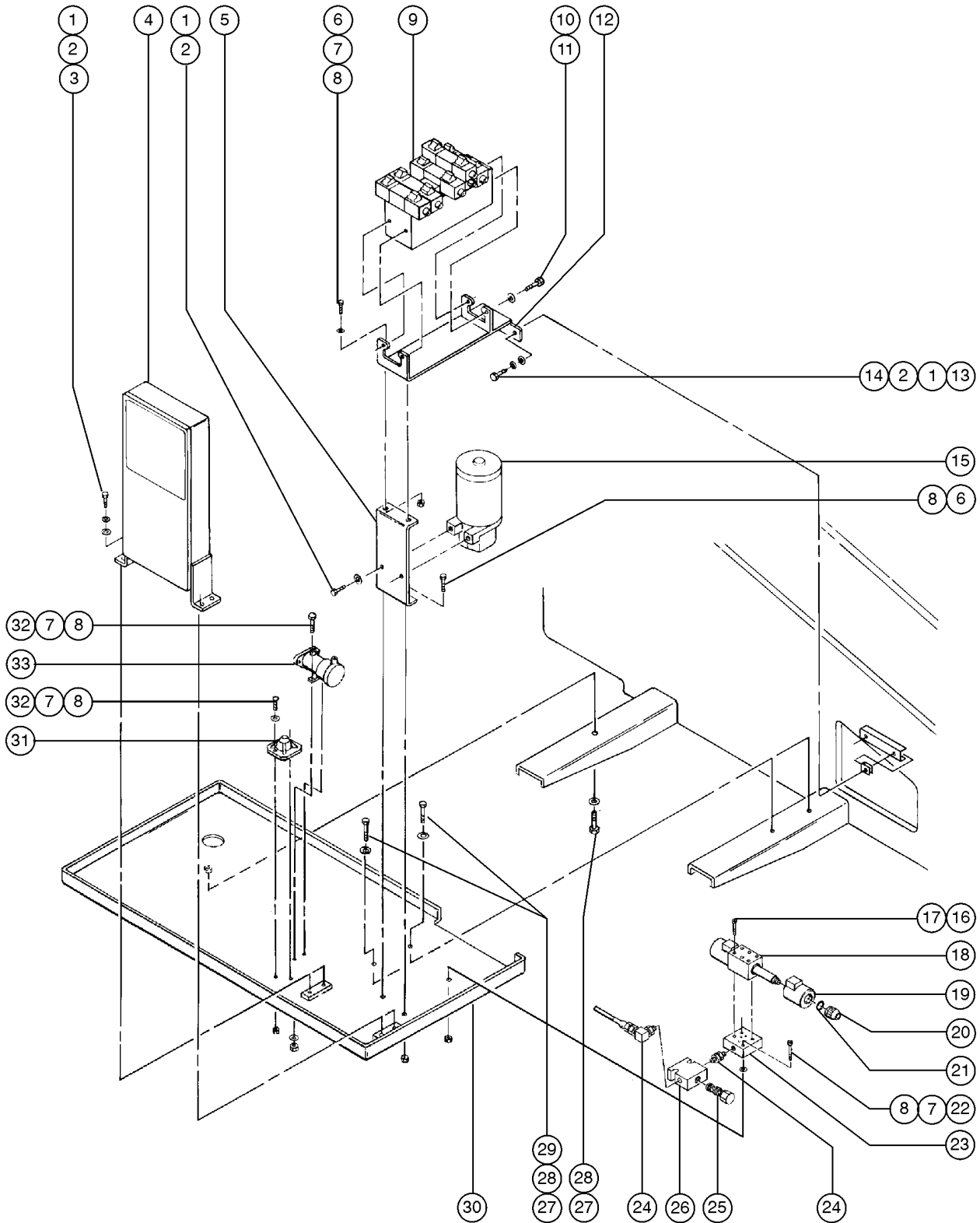
501.1 Hydraulic and Fuel Tanks



501.1 Hydraulic and Fuel Tanks

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	21141GT	GAUGE-SIGHT,LHA-LGTB***1 <i>includes mounting fasteners</i>	1	28	18218GT	PLUG,PIPE,HEX HEAD,STL,1/4NPT.....1 <i>Gasoline/LPG models</i>	1
2	31524GT	STRAP ASSY,TANK, 66 INCH.....2	2	29	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7.....126-inches <i>Deutz Diesel models</i>	1
3	31506GT	STRAINER,FILLER NECK.....1	1	30	29137GT	HOSE END,MALE.25 X .25 MPT***1 <i>Deutz Diesel models</i>	1
4	53534GT	FILTER SCREEN,TANK BREATHER.....1	1	31	19363GT	ELBOW,130239-4-4.....1 <i>Deutz Diesel models</i>	1
5	53353GT	TANK,HYDRAULIC,45 GALLON***1 <i>includes index numbers 3 and 16</i>	1				
6		Ref. Hydraulic Hoses & Fittings.....1 <i>refer to section 509.1</i>	1				
7	29908GT	FILTER ASSY W/INDICATOR LH.....1	1				
--	20293GT	FILTER ELEMENT-10MICRON.**1	1				
8	45161GT	STRAINER ASSEMBLY,1.5" NPT.....2	2				
9	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**...1	1				
10	53605GT	TANK, 7 GAL/33.5 POUND, LP.....1 <i>Gasoline/LPG models</i>	1				
11	30711GT	LP.TANK BRKT WLDMT.,TALL.....1 <i>Gasoline/LPG models</i>	1				
12	8255GT	SCREW,HHC,3/8-16 X .75.....3 <i>Gasoline/LPG models</i>	3				
13		Ref. Turntable Rotator.....3 <i>refer to section 504.1</i>	3				
14	4828GT	NUT,NYLOCK,3/8-16.....7	7				
15	6097GT	WASHER,FLAT,USS,3/8",Y.....4	4				
16	31507GT	PLUG,SQUARE HEAD,3/4 MPT.....1	1				
17	34619GT	BUMPER,RUBBER***4	4				
18	27089GT	HOSE,5/16 FUEL,SAE 30R7...102-inches <i>Deutz Diesel models</i>					
--	27089GT	HOSE,5/16 FUEL,SAE 30R7.....78-inches <i>Gasoline/LPG models</i>					
19	21465GT	CLAMP,HOSE,.25" - .63" X .3125.....2 <i>Deutz Diesel models</i>	2				
--	21465GT	CLAMP,HOSE,.25" - .63" X .3125.....1 <i>Gasoline/LPG models</i>	1				
20	33350GT	SWIVEL,45 DEGR.FEM.X 5/16 BARB...1 <i>Deutz Diesel models</i>	1				
--	29137GT	HOSE END,MALE.25 X .25 MPT***1	1				
21	139898GT	SOLENOID-GASOLINE FUEL.....1 <i>Gasoline/LPG models</i>	1				
22	33349GT	VALVE,INLINE CHECK.....1 <i>Deutz Diesel models</i>	1				
23	19487GT	VALVE, FUEL LOCK.....1	1				
24	30584GT	GAUGE,FUEL,SIDE MOUNT.....1	1				
25	30546P-SGT	TANK,30 GALLON,PAINTED**1 <i>includes index number 28</i>	1				
26	30179GT	TANK STRAP,BOLT STYLE,62".....2	2				
27	25567GT	CAP,FUEL,GREEN*1 <i>Deutz Diesel models</i>	1				
--	28829GT	CAP,FUEL,RED***1 <i>Gasoline/LPG models</i>	1				

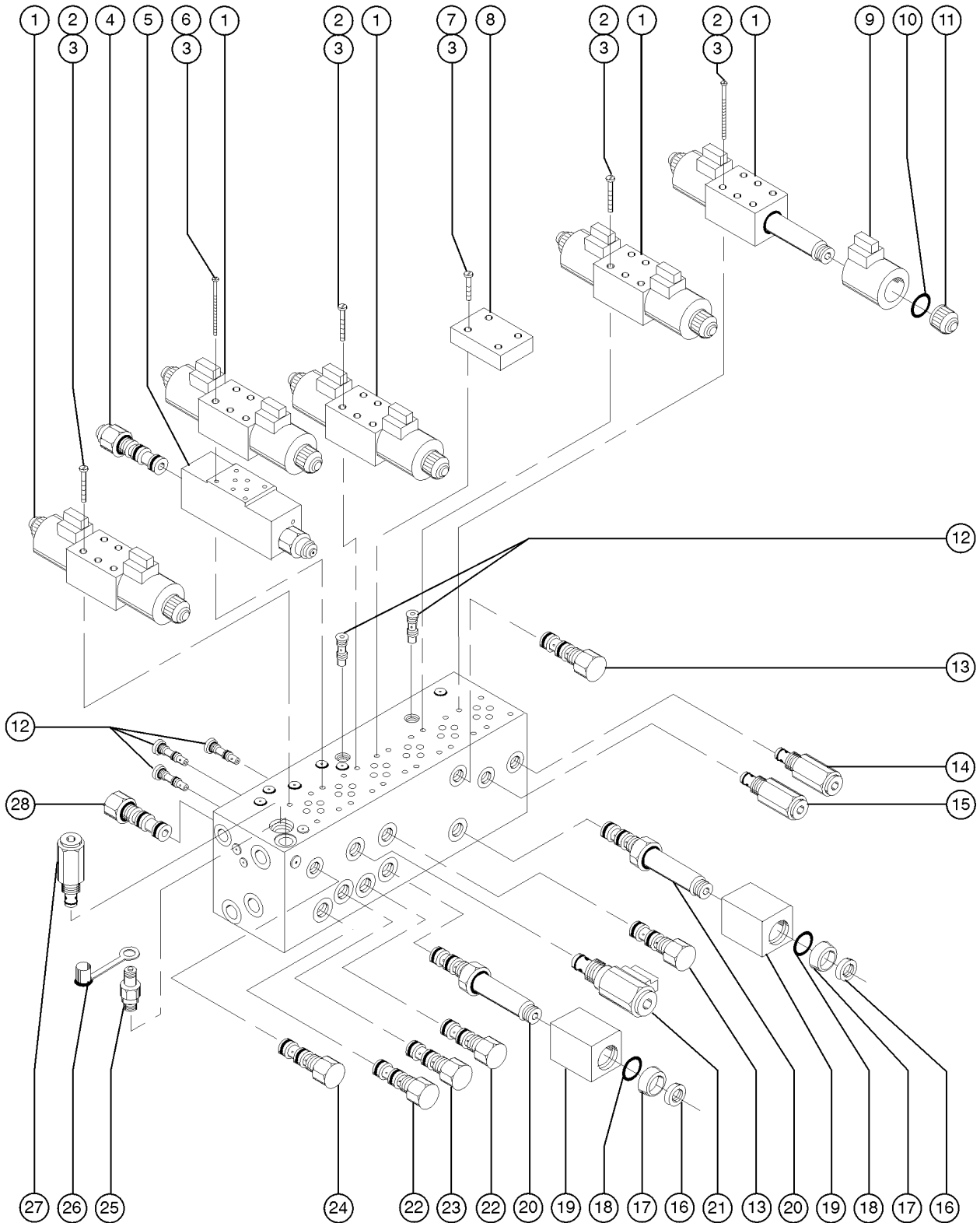
502.1 Function Manifold and Auxiliary Power Unit Installation



502.1 Function Manifold and Auxiliary Power Unit Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	8255GT	SCREW,HHC,3/8-16 X .75.....	6	--	32967GT	GASKET,PUMP TO DC MTR.(32810)..... <i>for APU 32811</i>	1
2	6021GT	WASHER,LOCK,.375.....	6	--	33455GT	PUMP, AUX. POWER UNIT..... <i>for APU 32811</i>	1
3	6097GT	WASHER,FLAT,USS,3/8",Y.....	8	16	45916GT	SCREW,SHC,10-24 X 1.250 (D01).....	4
4		Ref. Ground Controls..... <i>refer to sections 505.1 and 506.1</i>	8	17	6607GT	WASHER,LOCK,#10 PLTD.....	4
5	30718PGT	BRACKET,AUX.PUMP MNT.PAINTED....	1	18	146160GT	VALVE KIT,D03..... <i>includes index numbers 19 through 21</i>	1
6	4266GT	SCREW,HHC,1/4-20 X 2.....	4	19	223763GT	COIL WITH DE CONNECTOR.....	2
7	6638GT	WASHER,FLAT,USS,1/4"Y.....	9	20	33568GT	NUT, CP521-1 VALVE.....	2
8	6091GT	NUT,NYLOCK,1/4-20.....	4	21	45914GT	O-RING, DO1 VALVE.....	2
9	30668GT	MANIFOLD,FUNCTN S40,S60,S80..... <i>Part is no longer available for units before SN 1063</i>	4	22	30444GT	SCREW,SHC,1/4-20 X 2.....	2
--	146171GT	MANIFOLD, FUNCTION,S60,S80 <i>from SN 1063</i>		23	24675GT	SUB PLATE (SPOOL VALVE).....	1
--	25375GT	KIT, O-RING <i>for manifold 146171GT</i>		24		Ref. Hydraulic Hoses & Fittings..... <i>refer to section 509.1</i>	1
10	13002GT	SCREW,HHC,5/16-18 X 1 GR5.....	4	25	33453GT	VALVE,FLOW REG.,3.5GPM (34543).....	1
11	6886GT	WASHER,LOCK,.313.....	4	26	34543GT	VALVE,FLOW REGULATOR 3.5 GPM..... <i>oscillating models only; includes index number 25</i>	1
12	30703GT	WLDMT.FUNCTION MAN. MNT. S40....	1	27	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	3
13	6175GT	SCREW,HHC,3/8-16 X 1.....	2	28	13064GT	WASHER,FLAT,625 HARDENED.....	3
14	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG....	6	29	6024GT	NUT,NYLOCK,5/8-11.....	3
15	89617GT	POWER UNIT,AUX PUMP 12VDC..... <i>Replaces 32811 and 53236; Check unit label for part number prior to ordering components</i>	1	30	30677GT	WELDMENT,HYD TANK MODULE.....	1
--	147289GT	SEAL KIT, APU <i>for APU 89617</i>		31	44586GT	SENSOR,LEVEL 4.5***.....	1
--	147290GT	SHAFT SEAL, APU <i>for APU 89617</i>		32	6888GT	SCREW,HHC,1/4-20 X 1.....	4
--	58489GT	PUMP ASSY,AUX.POWER UNIT 89617 <i>for APU 89617</i>		33	46164GT	FUEL PUMP KIT,FORD LRG 423***.....	1
--	77069GT	MOTOR,12VDC,77066 <i>for APU 89617</i>					
--	77071GT	SOLENOID,77066 <i>for APU 89617</i>					
--	32948GT	COUPLER,PUMP TO MOTOR (32810).... <i>for APU 32811</i>	1				
--	32949GT	MOTOR,12V DC (32810/32811)APU..... <i>for APU 32811</i>	1				
--	32955GT	END HEAD, 32810 POWER UNIT..... <i>for APU 32811</i>	1				
--	32959GT	BALL,CHECK (32810)..... <i>for APU 32811</i>	1				
--	32962GT	GASKET,0.0005,SILVER (32810)..... <i>for APU 32811</i>	1				
--	32963GT	GASKET,0.001,AMBER (32810)..... <i>for APU 32811</i>	1				
--	32964GT	GASKET,0.00075,GOLD (32810)..... <i>for APU 32811</i>	1				

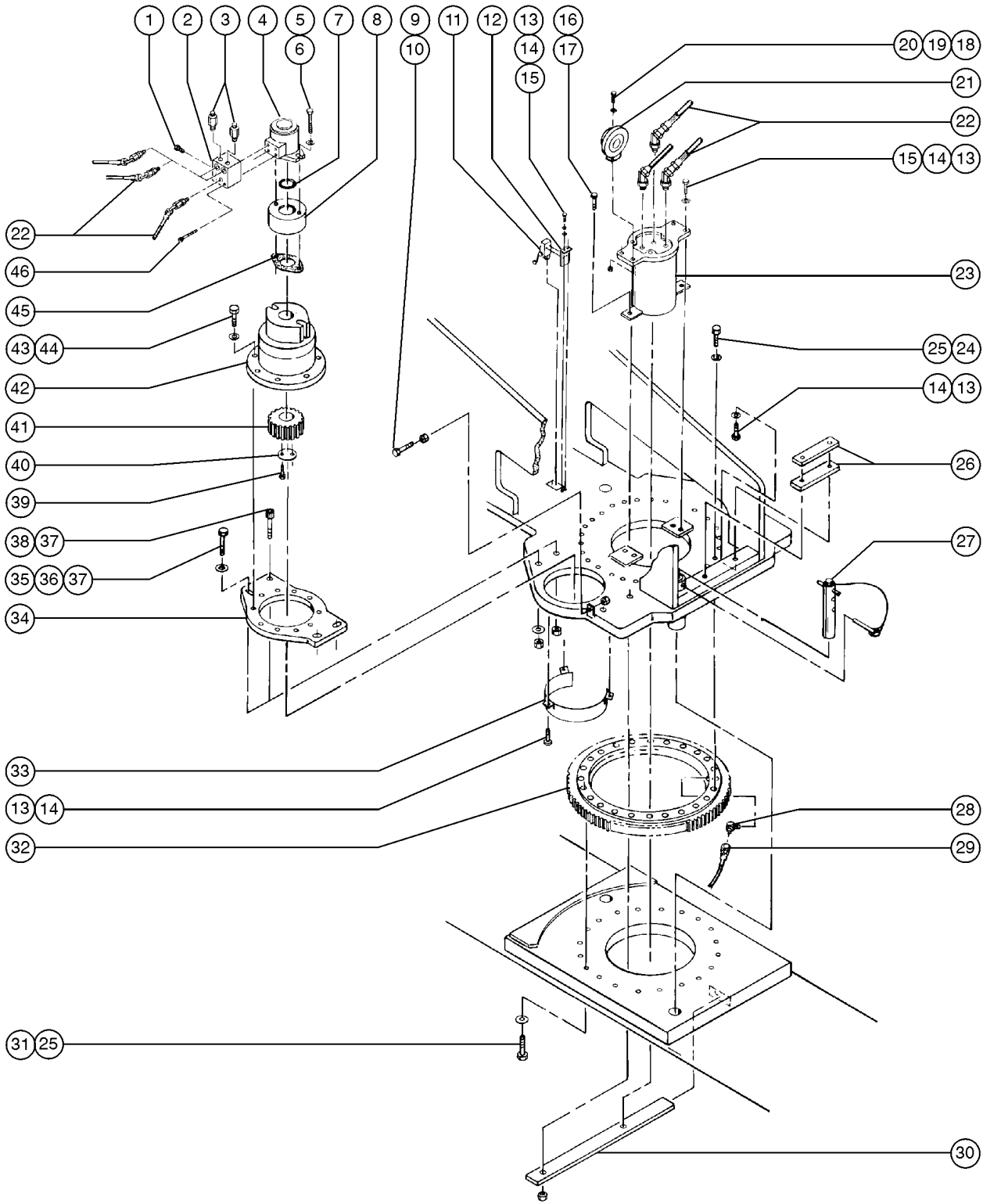
503.1 Function Manifold



503.1 Function Manifold

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	146171GT	MANIFOLD, FUNCTION,S60,S80 <i>from SN 1063</i>		22	31100GT	VALVE,FLOW REGULATOR 0.6GPM.....2	
--	25375GT	KIT, O-RING		--	74902GT	SEAL KIT	
--	30668GT	MANIFOLD,FUNCTN S40,S60,S80 <i>does not include index numbers 25, 26 and 28; to SN 1062</i>		23	27804GT	VALVE,DIFFERENTIAL SENSING***1	
--	33994GT	PLUG AND CAP KIT-SERVICE,37 **		--	110201GT	SEAL KIT, VALVE, #10	
1	146165GT	VALVE KIT,D03.....5 <i>includes 2 each index numbers 9, 10 and 11. seal kit is 65879</i>		24	31099GT	VALVE,FLOW REGULATOR.....1	
--	48648GT	O-RING, D03 COIL		--	74902GT	SEAL KIT	
2	45916GT	SCREW,SHC,10-24 X 1.250 (D01).....20		25	48997GT	NIPPLE,DIAGNOSTIC,#4.....1	
3	6607GT	WASHER,LOCK,#10 PLTD.....4		--	20224GT	DIAGNOSTIC FEMALE Q-DSCNT.....1	
4	31262GT	VALVE,COUNTERBALANCE.....2		26	48880GT	CAP,DIAGNOSTIC NIPPLE.....1	
--	110202GT	SEAL KIT, VALVE, #10		27A	32663GT	VALVE,RELIEF 2600 PSI.....1 <i>S-60 models</i>	
5	31261GT	VALVE,COUNTERBALANCE SANDWICH.....1 <i>includes index number 4</i>		--	110194GT	SEAL KIT, VALVE, #10	
6	27812GT	SCREW,SHC,10-24 X 3.....4		27B	35000GT	VALVE,RELIEF 2900 PSI***1 <i>S-65 models</i>	
7	32661GT	SCREW,SHC,10-24 X 1 (D01).....4		--	110194GT	SEAL KIT, VALVE, #10	
8	32662GT	COVER PLATE (30668).....1		28	34542GT	VALVE,FLOW REGULATOR 5.0 GPM.....1 <i>oscillating models</i>	
9	223763GT	COIL WITH DE CONNECTOR.....12 <i>use connector from old coil when replacing.</i>		--	30968GT	VALVE,FLOW REGULATOR 2.0 GPM.....1 <i>non-oscillating models</i>	
10	45914GT	O-RING, DO1 VALVE.....12					
11	33568GT	NUT, CP521-1 VALVE.....12					
12	110200GT	SEAL KIT, VALVE, #4					
12	27807GT	VALVE,CHECK***5					
--	110200GT	SEAL KIT, VALVE, #4					
13	27802GT	VALVE,DIFFERENTIAL SENSING***2					
--	110197GT	SEAL KIT, VALVE, #10					
14	33998GT	VALVE,RELIEF***1					
--	74902GT	SEAL KIT					
15	48415GT	VALVE,RELIEF.....1					
--	74902GT	SEAL KIT					
16	45921GT	RETAINER-N.C.PROPOR.SOLENOID....2					
17	45921GT	RETAINER-N.C.PROPOR.SOLENOID....2					
18	45914GT	O-RING, DO1 VALVE.....2					
19	21935GT	COIL, 12V, 19972/21623/29069.....2					
20	27801GT	VALVE,PROPORTIONAL SOLENOID***2 <i>includes 1 each index numbers 16 through 19</i>					
--	89310GT	SEAL KIT, SOLENOID VALVE					
21	27803GT	VALVE,SOLENOID.....1					
--	27814GT	COIL,SOLENOID,10V.....1					
--	52943GT	NUT,SOLENOID VALVE COIL.....1					
--	74902GT	SEAL KIT					

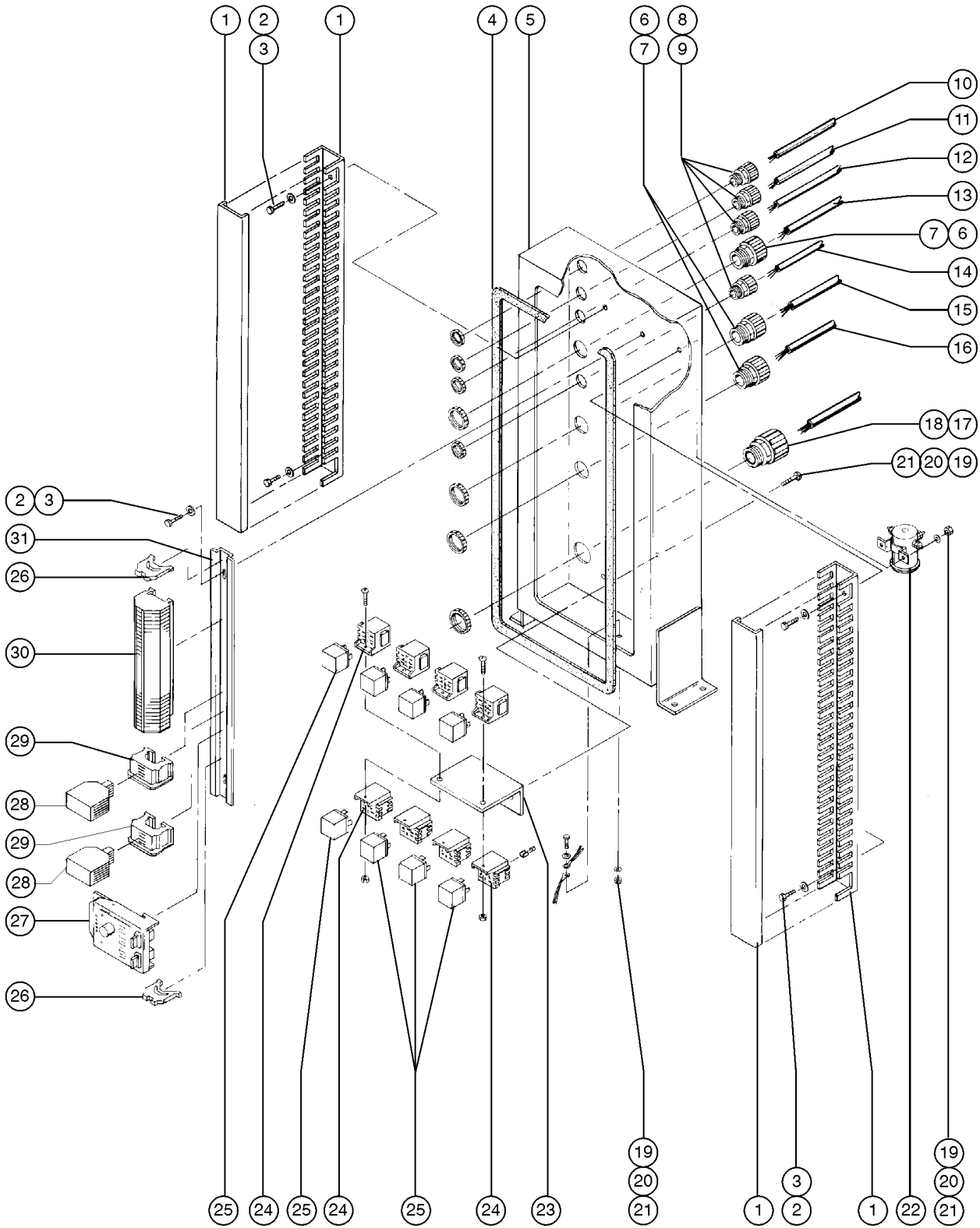
504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation



504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	45483GT	VALVE,SHUTTLE***.....	1	24	45495GT	SCREW,SHC,5/8-11 X 3.00,A574.....	30
2	33446GT	MANIFOLD ASSY,T.T. (34114)..... <i>includes index numbers 1 and 3</i>	1	25	13064GT	WASHER,FLAT,.625 HARDENED.....	48
--	31519GT	O-RING (2-114).....	1	26	25635GT	PAD,NYLON-12 X 2 X 0.625 INCH.....	2
3	31082GT	VALVE,COUNTERBALANCE 2500 PSI*.....	2	27	33471GT	PIN ASSEMBLY,TURNTABLE ROTAT.....	1
4	32952GT	MOTOR,TURNTABLE ROT.(34114)***.....	1	--	11637GT	PIN ASSY, RETAINER, SS I & II.....	1
--	33445GT	SEAL KIT,DRIVE MOTOR (32952).....	1	28	20630GT	ELBOW,070202-4-4.....	1
5	13854GT	SCREW,HHC,1/2-13 X 4.5,GRD.8.....	2	29	34562GT	HOSE ASSEMBLY, 177".....	1
6	13066GT	WASHER,FLAT,.5 HARDENED.....	2	30	34214PGT	BAR,HYD.SWIVEL MOUNT PAINTED....	1
7	52087GT	O-RING,2-044 BUNA***.....	1	31	20654GT	SCREW,SHC,5/8-11 X 3.50,A574.....	18
8	81331GT	BRAKE,900 IN*LB..... <i>includes index numbers 7 and 45</i>	1	32	30895GT	BEARING,TURNTABLE.....	1
--	29291GT	SEAL KIT,MICO..... <i>for brake 29422P</i>	1	33	73862PGT	FORMING,PINION GUARD,PAINTED....	1
--	29292GT	BRAKE,LINING KIT,MICO..... <i>for brake 29422P</i>	1	34	34762-SGT	BACKLASH ADJUSTMENT PLATE S60.....	1
--	29293GT	BEARING KIT,MICO..... <i>for brake 29422P</i>	1	35	34347GT	SCREW,HHC,3/4-10 X 4.5.....	3
--	65618GT	SEAL KIT,BRAKE*** <i>for brake 81331</i>	1	36	33278GT	WASHER,FLAT,.75 HARDENED.....	3
9	5224GT	SCREW,HHC,3/8-16 X 2.....	1	37	77051GT	NUT,NYLOCK,3/4-10,GRD.8.....	4
10	4828GT	NUT,NYLOCK,3/8-16.....	2	38	34710GT	SCREW,SHS,5/8-11 X 3.....	1
11	34961GT	SWITCH,LIMIT,W/ROLLER ARM.....	1	39	6175GT	SCREW,HHC,3/8-16 X 1.....	2
--	19491GT	CONTACTOR,LIMIT SWITCH.....	1	40	34766GT	RETAINER PLATE,PINION GEAR***.....	1
--	27643GT	ROLLER ARM-LIMIT SWITCH.....	1	41	34606GT	PINION GEAR (SET).....	1
12	53632P-SGT	BRKT,LIM SW,DRIVE ENBL,PAINTED....	1	42	29290GT	SEAL KIT,FAIRFIELD (S1A2)***.....	1
13	6090GT	SCREW,HHC,1/4-20 X .75.....	7	42	34761GT	TORQUE HUB,36:1***.....	1
14	6356GT	WASHER,LOCK,.25.....	7	43	22788GT	SCREW,HHC,1/2-13 X 1.75.....	10
15	6638GT	WASHER,FLAT,USS,1/4"Y.....	2	44	6033GT	WASHER,LOCK,0.5".....	10
16	8177GT	SCREW,HHC,1/2-13 X 1.5.....	2	45	19794GT	GASKET,BRAKE ASSY.....	1
17	6198GT	NUT,NYLOCK,1/2-13.....	2	46		Ref. Screw - SHC, 5/16 -18 x 3 inches....	4
18	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8.....	4				
19	6097GT	WASHER,FLAT,USS,3/8",Y.....	4				
20	4828GT	NUT,NYLOCK,3/8-16.....	4				
21	56264GT	HORN,12V SCREW TERMINAL***.....	1				
22		Ref. Hydraulic Hoses & Fittings..... <i>refer to section 509.1</i>	1				
23	44368GT	HYDRAULIC SWIVEL,9 PORT,S80***..... <i>Obtain swivel stamping prior to ordering seal kit</i>	1				
--	33470GT	SEAL KIT,HYD ROTARY COUPLER <i>for swivel 34203 (with stamp 800145B)</i>					
--	37405GT	SEAL KIT,HYD SWIVEL (37402)*** <i>for swivel 37402 (with stamp 800172B)</i>					
--	44612GT	SEAL KIT,SWIVEL (44368)*** <i>for swivel 44368 (with stamp 800191B)</i>					

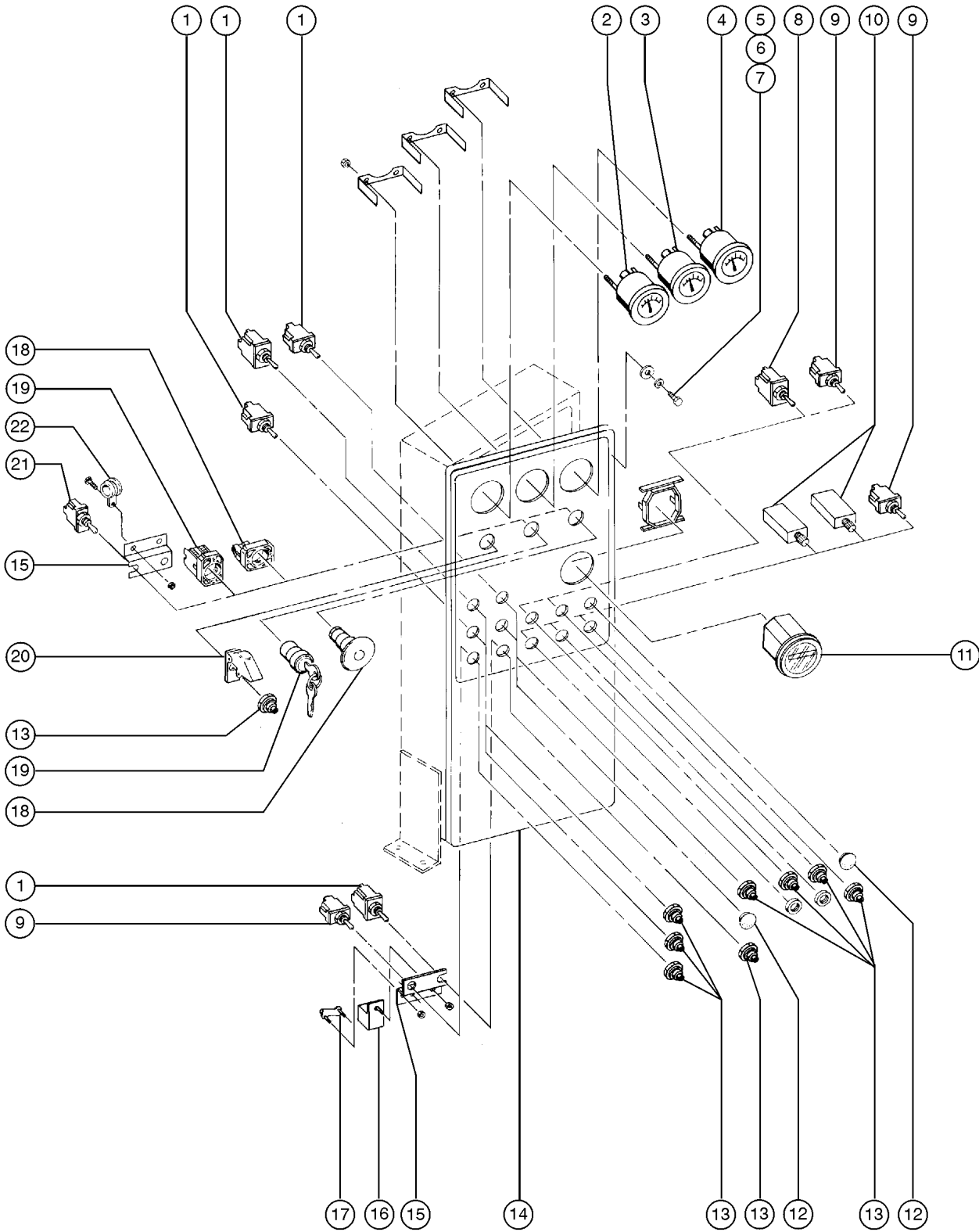
505.1 Ground Controls - View 1



505.1 Ground Controls - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	33996GT	SCREWDRIVER,TERMINAL BLOCK		--	34053GT	ASSY,RELAY SOCKET, AUTO.....5 <i>Deutz Diesel models; terminals not included</i>	
1	29607GT	WIRING DUCT/COVER, 1 X 72 IN**.....46-inches		--	34054GT	TERM,RELAY N-INSULATED 10-12 G....5	
2	6090GT	SCREW,HHC,1/4-20 X .75.....7		--	34055GT	TERM RELAY,N-INSULATE 14-16 GA....5	
3	6356GT	WASHER,LOCK,.25.....6		--	34056GT	TERM,RELAY,N-INSULATE 18-20 GA....5	
4	121599GT	GASKET,GBOX,S80/85 2008.....1 <i>replaced 30782</i>		25	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**....8 <i>Gasoline/LPG models</i>	
5	33472GT	CONTROL BOX W/ DECAL,GROUND....1 <i>includes index number 4</i>		--	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**....5 <i>Deutz Diesel models</i>	
6	12960GT	CABLE SQUEEZE CONN.,XTRA LRG...3		26	25974GT	PLASTIC END STOP.....2	
7	14041GT	LOCKNUT,ELECTRIC,3/4".....3		27	56057GT	MODULE,IGNITION/START,12/24V.....1	
8	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM...4		--	33551GT	FUSE,3 AMP.....1	
9	6935GT	LOCKNUT,ELEC,1/2".....4		28	25807GT	DIODE BLOCK SUPPRESSION.....2	
10	6562GT	WIRE CABLE,16/4 SJO,BULK.....270-inches		29	25808GT	CARRIER TERMINAL(5 PER BLOCK)....2	
11	6562GT	WIRE CABLE,16/4 SJO,BULK.....270-inches		30	25836GT	TERMINAL BLOCK(SINGLE),WAGO***.....50	
12	6562GT	WIRE CABLE,16/4 SJO,BULK...95-inches		--	45782GT	DIODE,6 AMP,200 PIV,BULK.....50	
13A	35934GT	WIRE CABLE,18/19 CON.TPRJKT.....960-inches S-60		31	28310GT	DIN RAIL,23.75".....1	
13B	35934GT	WIRE CABLE,18/19 CON.TPRJKT.....1296-inches S-65					
14A	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL.....960-inches S-60					
14B	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL.....1296-inches S-65					
15A	35934GT	WIRE CABLE,18/19 CON.TPRJKT.....960-inches S-60					
15B	35934GT	WIRE CABLE,18/19 CON.TPRJKT.....1296-inches S-65					
16	35934GT	WIRE CABLE,18/19 CON.TPRJKT.....68-inches					
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					
23	34057GT	ANGLE,RELAY MOUNTING.....1					
24	34053GT	ASSY,RELAY SOCKET, AUTO.....8 <i>Gasoline/LPG models; terminals not included</i>					

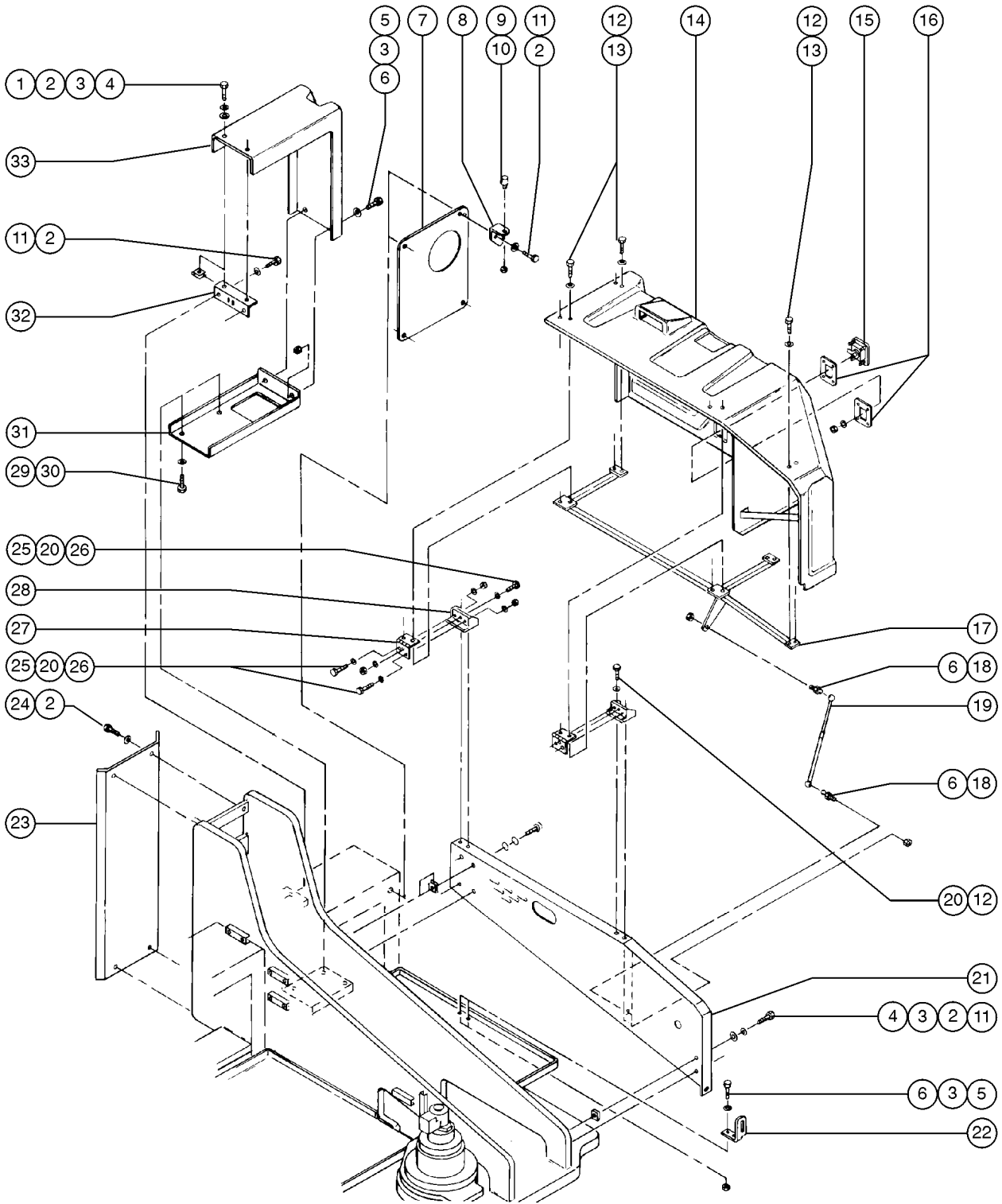
506.1 Ground Controls - View 2



506.1 Ground Controls - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN.....4 <i>includes mounting fasteners</i>	4	21	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN.....1 <i>includes mounting fasteners</i>	1
2	53759-SGT	GAUGE,WATER TEMP.....1 <i>includes mounting bracket</i>	1	22	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH.....1	1
3	53758-SGT	GAUGE,OIL PRESSURE W/O SENDER.....1 <i>includes mounting bracket</i>	1				
4	53761-SGT	GAUGE,VOLTAGE.....1 <i>includes mounting bracket</i>	1				
5	6090GT	SCREW,HHC,1/4-20 X .75.....3	3				
6	6356GT	WASHER,LOCK,.25.....3	3				
7	6638GT	WASHER,FLAT,USS,1/4"Y.....3	3				
8	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT*.....1 <i>includes mounting fasteners</i>	1				
9	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*.....3 <i>includes mounting fasteners</i>	3				
10	147094GT	ASSY, CIRCUIT BREAKER 15A.....2 <i>includes mounting fasteners</i>	2				
11	19506GT	HOUR METER,10-80 VOLTS***.....1 <i>includes mounting bracket</i>	1				
12	45384GT	PLUG,NYLON .50 BLACK DOMED.....2	2				
13	27246GT	BOOT,TOGGLE SWITCH,SHORT*.....9	9				
14	33472GT	CONTROL BOX W/ DECAL,GROUND....1	1				
--	121599GT	GASKET,GBOX,S80/85 2008.....1 <i>replaced 30782</i>	1				
15	54525GT	BRACKET-PANEL-WIRE MOUNTING 99.....2	2				
16	19274GT	RELAY,SPDT,12V(AUTO)**.....1	1				
17	45836GT	RESISTOR,15 OHMS,25W.....1	1				
18	122514GT	KIT,ESTOP SVC BB&SM BOOM.....1	1				
--	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD.....1	1				
--	66818GT	CONTACT, N.C.....2	2				
--	66821GT	BASE,WITHOUT CONTACTS.....1	1				
19	122512GT	KIT,KEYSWITCH SVC BB & SM BOOM.....1	1				
--	21982GT	KEY,SINGLE***.....1	1				
--	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY**.....1 <i>includes keyswitch and two keys, not included: base or contacts.</i>	1				
--	66816GT	CONTACT,N.O.***.....1	1				
--	66821GT	BASE,WITHOUT CONTACTS.....1	1				
20	13471GT	COVER, AUXILIARY POWER SWITCH.....1	1				

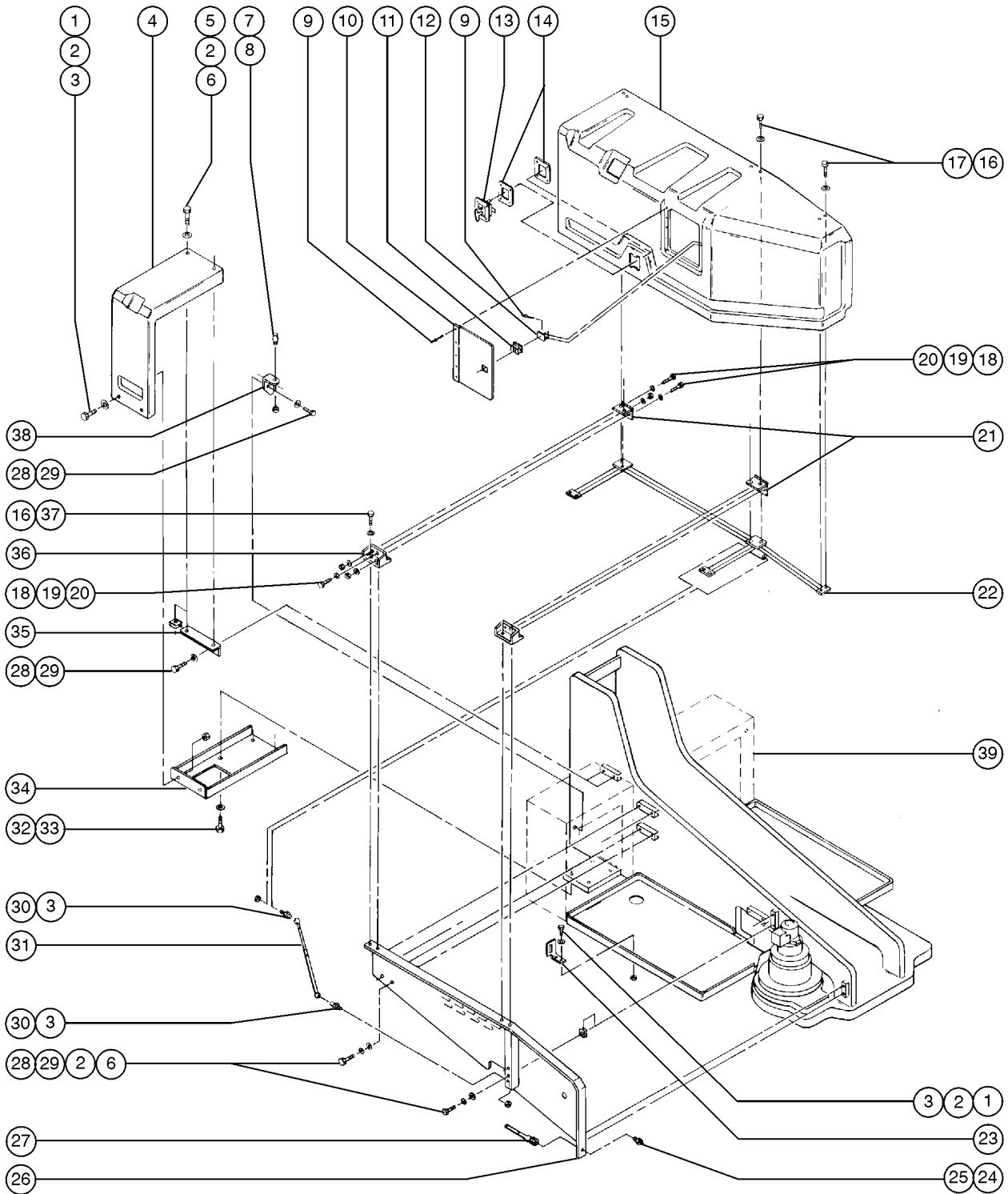
507.1 Turntable Covers - Engine Side



507.1 Turntable Covers - Engine Side

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	8516GT	SCREW, HCC, 3/8-16 X 1.50.....	2	32	34482PGT	BRACKET,COVER SUPPORT,S60 PNTD.....	1
2	6021GT	WASHER,LOCK, .375.....	18	33	34483GT	COVER,COUNTERWEIGHT,S60.....	1
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				
		<i>Gasoline/LPG models</i>					
--	30721PGT	BAFFLE,AIR,DEUTZ,PAINTED.....	1				
		<i>Deutz Diesel models</i>					
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				
		<i>Gasoline/LPG models; includes index numbers 15 and 16</i>					
--	33554GT	COVER ASSY, ENG. SIDE DIESEL**.....	1				
		<i>Deutz Diesel models; includes index numbers 15 and 16</i>					
15	28125GT	LATCH,FLUSH CUP***.....	2				
--	29314GT	KEY,LATCH, 1 PAIR (28125).....	2				
--	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				
--	27377GT	RETAINER,GAS SPRING***.....	2				
--	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				
23A	52088GT	COVER-TURNABLE W/DECALS S60...1					
23B	52089GT	COVER-TURNABLE 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				

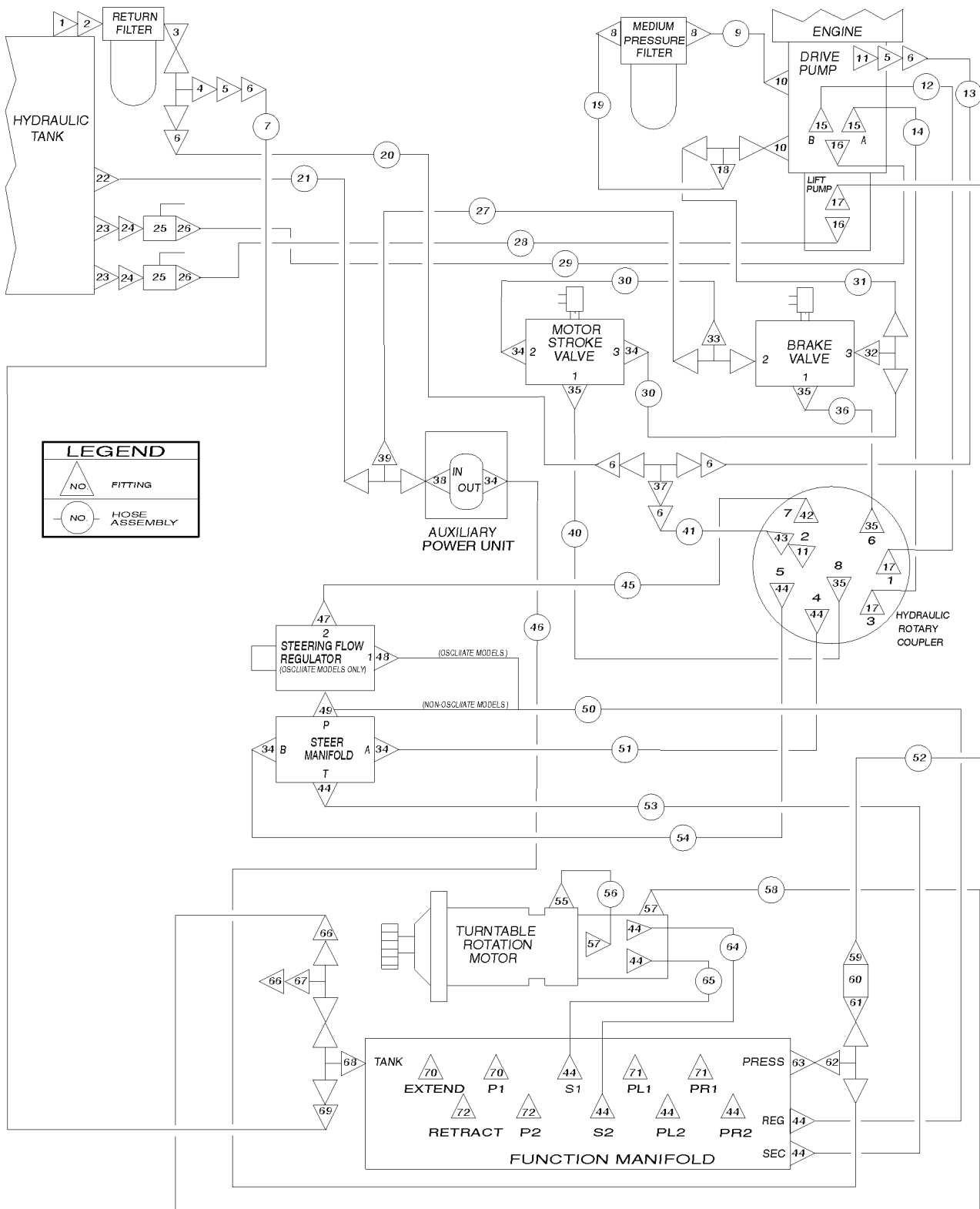
508.1 Turntable Covers - Tank Side



508.1 Turntable Covers - Tank Side

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	4	37	6356GT	WASHER,LOCK,.25.....	4
2	6097GT	WASHER,FLAT,USS,3/8",Y.....	10	38	30965PGT	BRACKET,T.T.COVER ADJ.LH,PNTD.....	1
3	4828GT	NUT,NYLOCK,3/8-16.....	6	39	30521GT	COUNTERWEIGHT,CAST,400 LBS.***...1 to SN 1818	1
4	34483GT	COVER,COUNTERWEIGHT,S60.....	1	--	46768GT	CTWT,CAST,400 LBS,RH from SN 1819	
5	8516GT	SCREW, HCC, 3/8-16 X 1.50.....	2	--	46769GT	CTWT,CAST,400 LBS,LH from SN 1819	
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				
--	29314GT	KEY,LATCH, 1 PAIR (28125).....	2				
--	33510GT	LOCK PLUG ASSY, (28125).....	2				
14	28471GT	PLATE,SWING COVER LATCH.....	2				
15	32756GT	COVER ASSY,TANK SIDE,T.TABLE.....1 includes index numbers 9 through 14	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				
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				
--	27377GT	RETAINER,GAS SPRING***	2				
--	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				

509.1 Hydraulic Hoses and Fittings



509.1 Hydraulic Hoses and Fittings

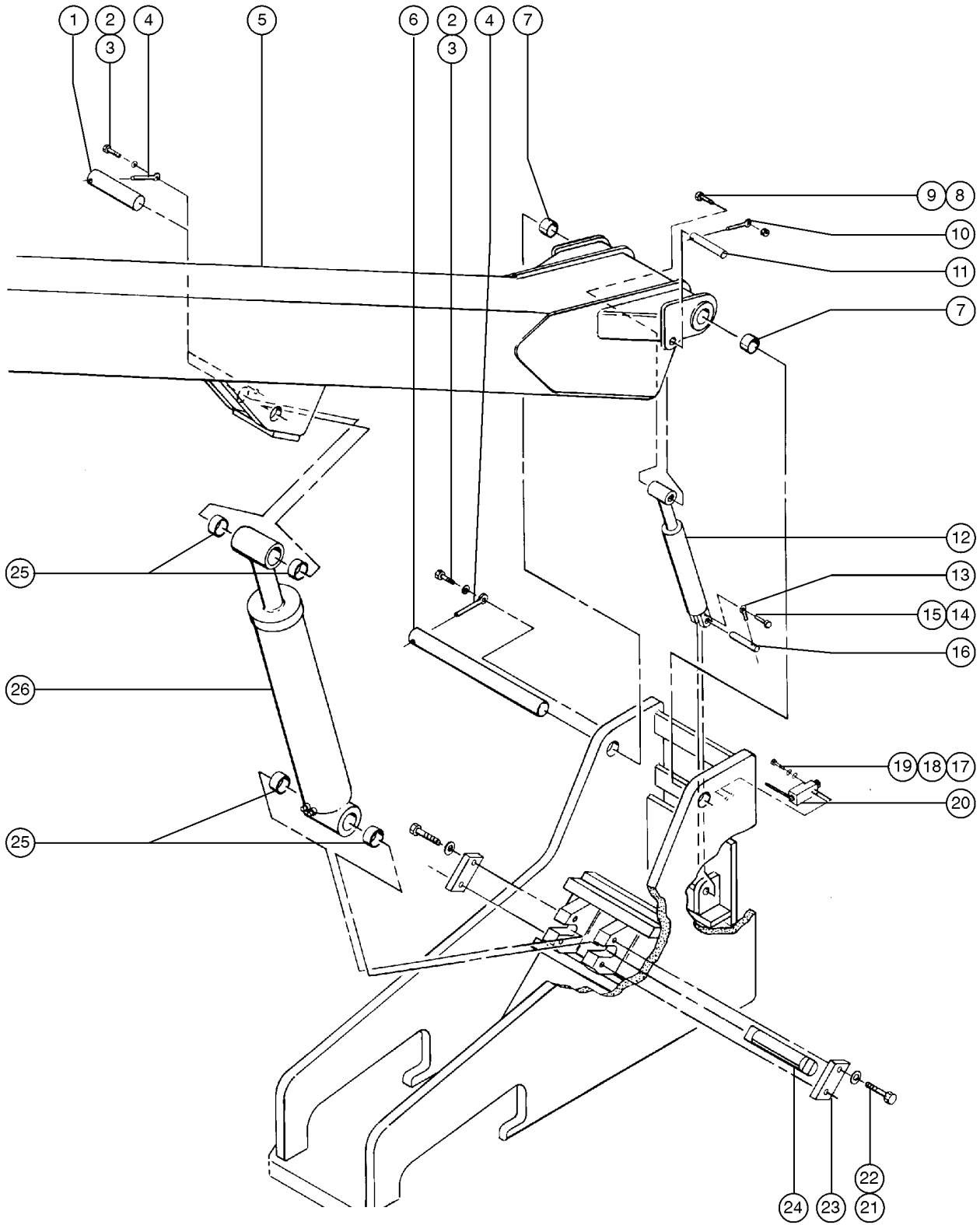
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	33994GT	PLUG AND CAP KIT-SERVICE,37 **		21	34559GT	HOSE ASSEMBLY, 24.5".....1 <i>Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)</i>	
1	30342GT	ELBOW,140238-16-16.....1		22	10355GT	CONNECTOR,070102-6-6.....1	
2	30343GT	NIPPLE,HEX,140137-16.....1		23	45161GT	STRAINER ASSEMBLY,1.5" NPT.....2	
3	27202GT	ELBOW,070202-12-16.....1		24	27191GT	ELBOW,140339-16-16.....2	
4	20326GT	TEE,RUN,070432-12.....1		25	30347GT	VALVE,BALL,1" MPT X FPT.....2	
5	20022GT	ELBOW,070221-12-12.....2		26	45166GT	HOSE END,BARBED RIGID-16-16.....2	
6	45170GT	HOSE END,BARBED,SWIVEL,-12-12.....6		27	34580GT	HOSE ASSEMBLY, 54".....1 <i>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)</i>	
7	34563GT	HOSE ASSEMBLY, 17".....1 <i>Hose - 3/4" Push On (Weatherhead H20112)</i>		28	34555GT	HOSE ASSEMBLY, 54".....1 <i>Hose End, 90o Female JIC Swivel, 16-16 (Weatherhead 16U-676) & Hose - 1.0" Suction (Weatherhead H03916)</i>	
8	25951GT	ELBOW,070220-8-12.....2		29	34556GT	HOSE ASSY,50".....1 <i>Hose End, 90o Female JIC Swivel, 16-16 (Weatherhead 16U-676) & Hose - 1.0" Suction (Weatherhead H03916)</i>	
9	30958GT	HOSE ASSEMBLY,32".....1 <i>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)</i>		30	34621GT	FLARE TUBE ASSEMBLY,SOLENOID....2	
10	22665GT	CONNECTOR,070120-8-10.....2		31	34576GT	HOSE ASSEMBLY, 41".....1 <i>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)</i>	
11	19687GT	CONNECTOR,070120-12-12.....2		32	45705GT	TEE,BRANCH,070429-6-6.....1	
12	34592GT	HOSE ASSEMBLY, 40".....1 <i>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)</i>		33	37870GT	FITTING-6 W/.025 ORIFICE.....1	
13	34566GT	HOSE ASSEMBLY, 42".....1 <i>Hose - 3/4" Push On (Weatherhead H20112)</i>		34	13120GT	ELBOW,070220-6-6.....5	
14	34593GT	HOSE ASSEMBLY, 43.5".....1 <i>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)</i>		35	13756GT	CONNECTOR,070120-4-6.....4	
15	30831GT	ELBOW,070320-12-16.....2		36	34583GT	HOSE ASSEMBLY, 29.5".....1 <i>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)</i>	
16	20709GT	CONNECTOR,070120-16-16.....2		37	28445GT	TEE,UNION,070401-12.....1	
17	22099GT	ELBOW,070320-12-12.....3		38	18687GT	CONNECTOR,070120-6-8.....1	
18	21252GT	TEE,RUN,070432-8.....1		39	45366GT	TEE,RUN,070432-6-6.....1	
19	30861GT	HOSE ASSEMBLY,36.50".....1 <i>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)</i>		40	34571GT	HOSE ASSEMBLY, 37".....1 <i>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)</i>	
20	34565GT	HOSE ASSEMBLY, 45".....1 <i>Hose - 3/4" Push On (Weatherhead H20112)</i>		41	34564GT	HOSE ASSEMBLY, 11".....1 <i>Hose - 3/4" Push On (Weatherhead H20112)</i>	

509.1 Hydraulic Hoses and Fittings
(continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
42	45412GT	CONNECTOR,070120-6-6.....1 <i>oscillating models only</i>	1	55	13921GT	ELBOW,070220-4-4.....1	1
--	45395GT	PLUG,HEX HEAD,090109A-6.....1 <i>non-oscillating models only</i>	1	56	30867GT	HOSE ASSEMBLY,16.75".....1 <i>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)</i>	1
43	20716GT	ELBOW,070321-12-12.....1	1	57	13755GT	CONNECTOR,070120-4-4.....2	2
44	45412GT	CONNECTOR,070120-6-6.....11	11	58	34560GT	HOSE ASSEMBLY, 18.5".....1 <i>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)</i>	1
45	34567GT	HOSE ASSEMBLY, 47".....1 <i>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)</i>	1	59	29897GT	ELBOW,070320-12-8.....1	1
46	34828GT	HOSE ASSY,27.5".....1 <i>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)</i>	1	60	31798GT	VALVE,CHECK,#8 O-RING PORTS.....1	1
47	13120GT	ELBOW,070220-6-6.....1 <i>oscillating models only</i>	1	61	31797GT	ADAPTER,6402-8-8.....1	1
48	45412GT	CONNECTOR,070120-6-6.....1 <i>oscillating models only</i>	1	62	22540GT	TEE,BRANCH,070429-8-8.....1	1
49	30877GT	ADAPTER,STR.THRD.TO STR.THRD....1 <i>oscillating models only</i>	1	63	27192GT	ADAPTER,O-RING,G6410-10-8.....1	1
--	45412GT	CONNECTOR,070120-6-6.....1 <i>non-oscillating models only</i>	1	64	34575GT	HOSE ASSEMBLY, 14.5".....1 <i>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)</i>	1
50	34581GT	HOSE ASSEMBLY, 37.75".....1 <i>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)</i>	1	65	34574GT	HOSE ASSEMBLY, 16".....1 <i>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)</i>	1
51	34577GT	HOSE ASSEMBLY, 47".....1 <i>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)</i>	1	66	30876GT	REDUCER,070123-10-4.....2	2
52	34557GT	HOSE ASSEMBLY, 62".....1 <i>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)</i>	1	67	22975GT	TEE,RUN,070432-10.....1	1
53	34584GT	HOSE ASSEMBLY, 32".....1 <i>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)</i>	1	68	30875GT	TEE,BRANCH,070429-10-10.....1	1
54	34578GT	HOSE ASSEMBLY, 41".....1 <i>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)</i>	1	69	30951GT	HOSE END,BARBED,SWIVEL,-12-10.....1	1
				70	32156GT	CONNECTOR,070122-8-8.....2	2
				71	45412GT	CONNECTOR,070120-6-6.....2	2
				72	45703GT	CONNECTOR,070120-8-8.....2	2

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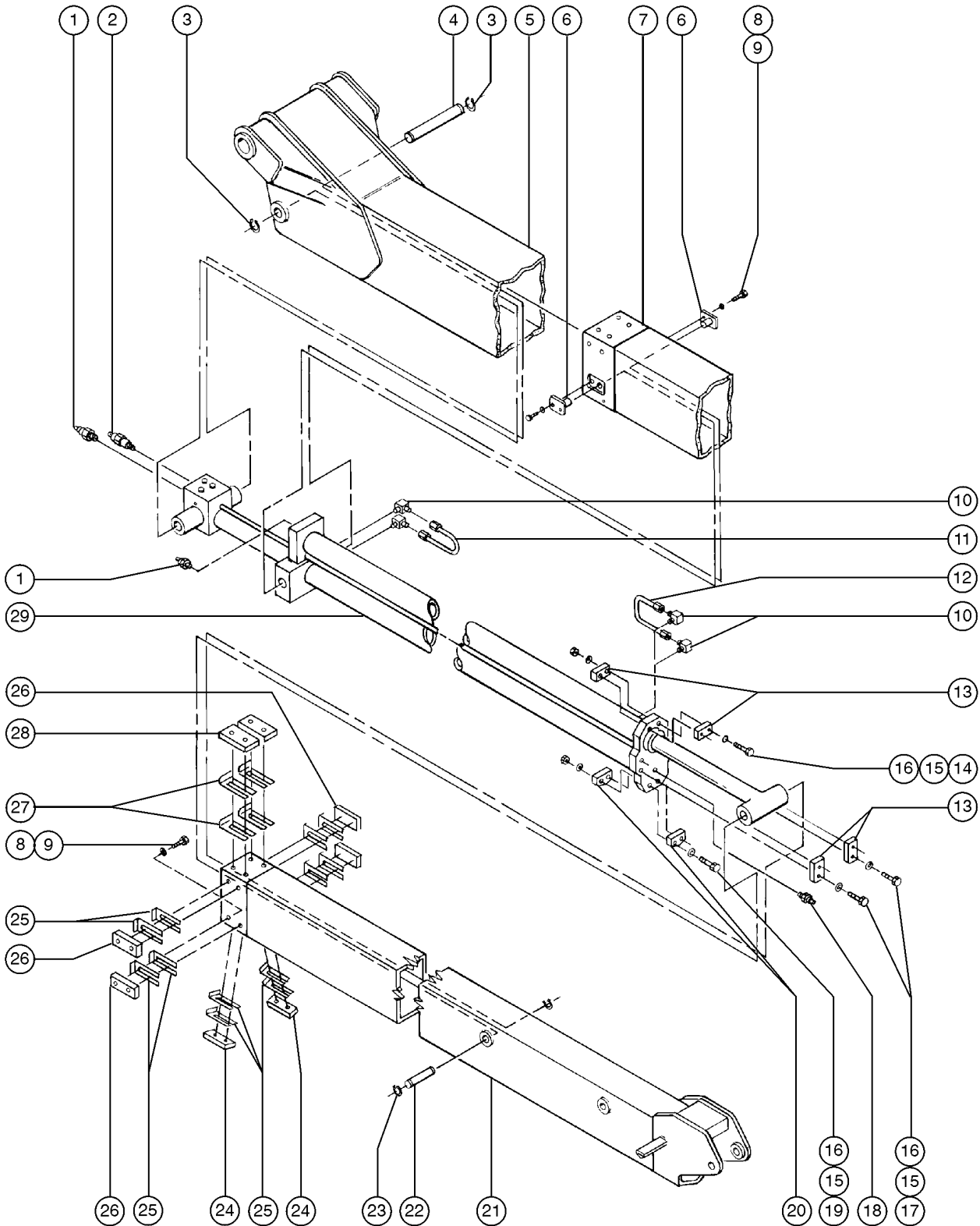
601.1 Boom Lift and Master Leveling Cylinder Installation



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..... <i>refer to sections 602.1 and 603.1</i>	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
--	25683GT	BEARING,POLYGON,20DU12.....	1
--	33487GT	SEAL KIT,HYDRAULIC CYLINDER***..... <i>For cylinder 34118; check cylinder part number stamp or label prior to ordering</i>	1
--	63349GT	SEAL KIT,CYL (63209)..... <i>For cylinder 63209; check cylinder part number stamp or label prior to ordering</i>	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
--	106433GT	LS SPRING WAND (ZCY91)	
--	19491GT	CONTACTOR,LIMIT SWITCH	
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
24	33823GT	PIN,PRI.CYL./SWING CHASSIS.....	1
25	33505GT	BEARING,GARLOCK,40DU26.....	4
26	35657GT	CYLINDER,LIFT,S60 BOBALEE**..... <i>includes index number 25</i>	1
--	33428GT	VALVE,COUNTERBALANCE.....	1
--	33895GT	SEAL KIT,HYD.CYL. 34422.....	1

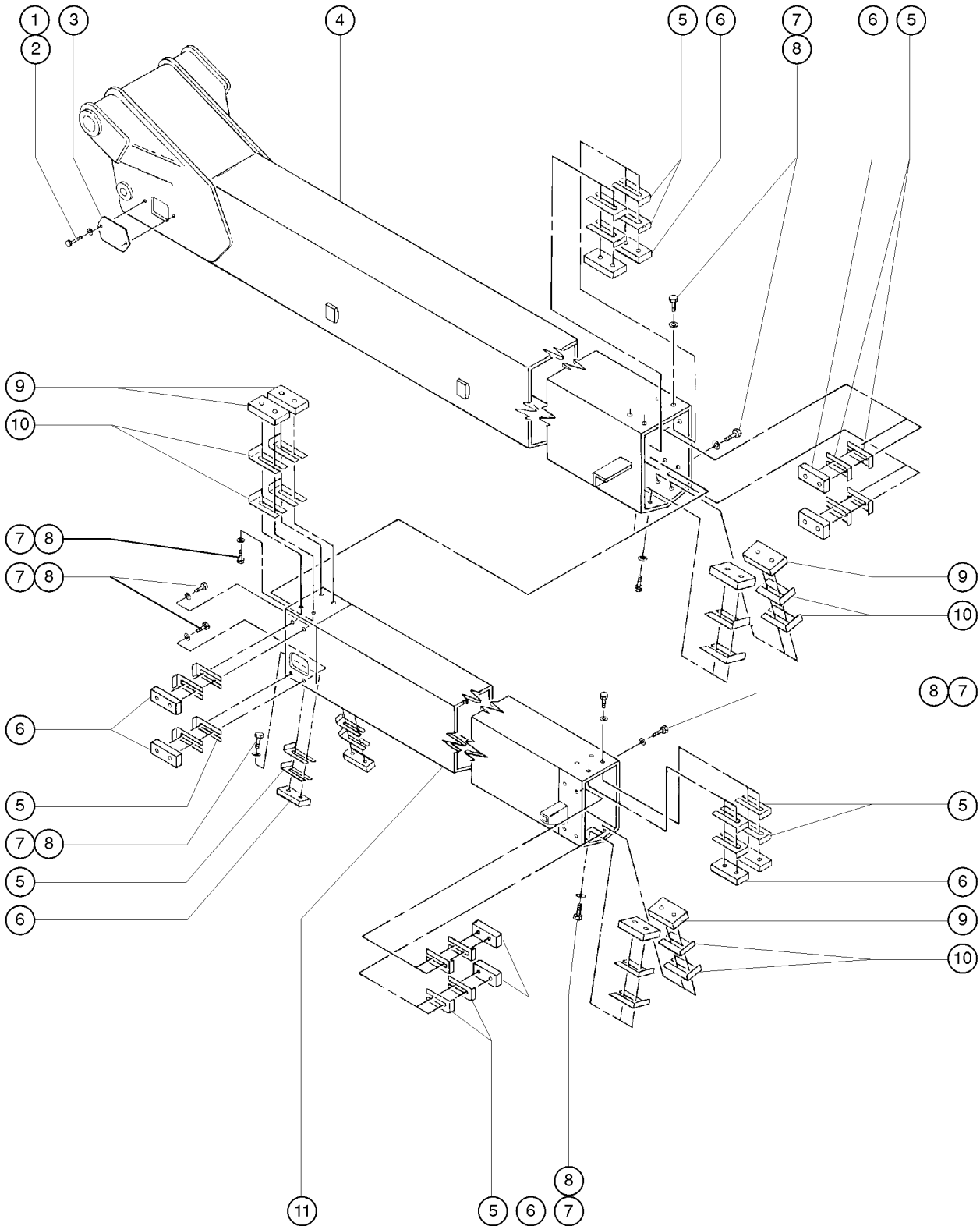
602.1 Boom Installation - View 1



602.1 Boom Installation - View 1

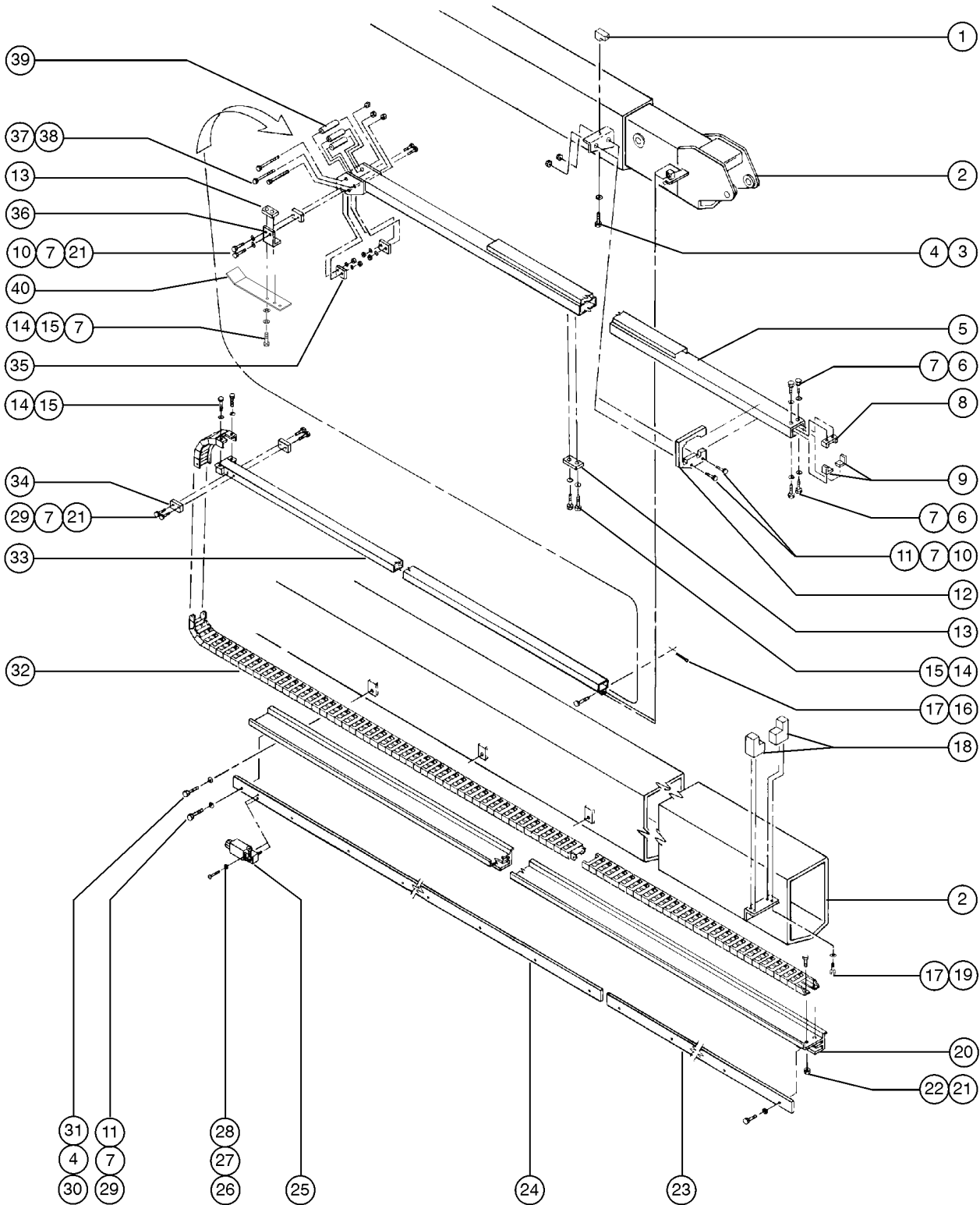
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	36188GT	VALVE,COUNTERBAL.CACA-LHN@2000.2		--	63340GT	SEAL KIT,CYL,S60 (63201)*** <i>Bottom (for black color cylinder assembly 63201)</i>	
--	43018GT	SEAL KIT (39345)		--	63341GT	SEAL KIT,CYL,S60 (63201)*** <i>Top (for black color cylinder assembly 63201)</i>	
2	36207GT	VALVE,COUNTERBAL.CWCA-LHN@2000.1					
--	62449GT	SEAL KIT,SUN "CWCA" CB VALVES*					
3	825796GT	SNAP RING,EXTERNAL,1.50,ZAG.....2					
4	34268GT	PIN,1.50DIAX14.41LG,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					
--	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,1.25DIAX8.30LG,2RING.....1					
23	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**.....2					
24	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS.....2					
25	29080GT	SHIM,WEAR PAD,5X 1.5 16GA					
26	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS.....4					
27	34344GT	SHIM,SIDE PAD 16GA. 3 X 5					
28	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS.....2					
29	63201GT	EXTENSION CYLINDER ASSY.S60**.....1 <i>includes index numbers 1, 2, 10 through 12 and 18</i>					
--		CYLINDER, EXTENSION, BOTTOM.....1 <i>Part is no longer available</i>					
--	33500GT	SEAL KIT,HYDRAULIC CYLINDER.....1 <i>Bottom (for red color cylinder assembly 34712)</i>					
--	33501GT	SEAL KIT,HYDRAULIC CYLINDER.....1 <i>Top (for red color cylinder assembly 34712)</i>					
--	33896GT	CYLINDER, EXTENSION, TOP.....1 <i>for red color cylinder assembly 34712</i>					
--	37499GT	SEAL KIT S60/S80 (35654/35620*.....1 <i>Top and Bottom (for cream color cylinder assembly 35654)</i>					

603.1 Boom Installation - View 2



Item	Part No.	Description	Qty.
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	
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,SIDE PAD 16GA. 3 X 5	
11	34429GT	WELD,BOOM,#2,V-BOTTOM.....	1

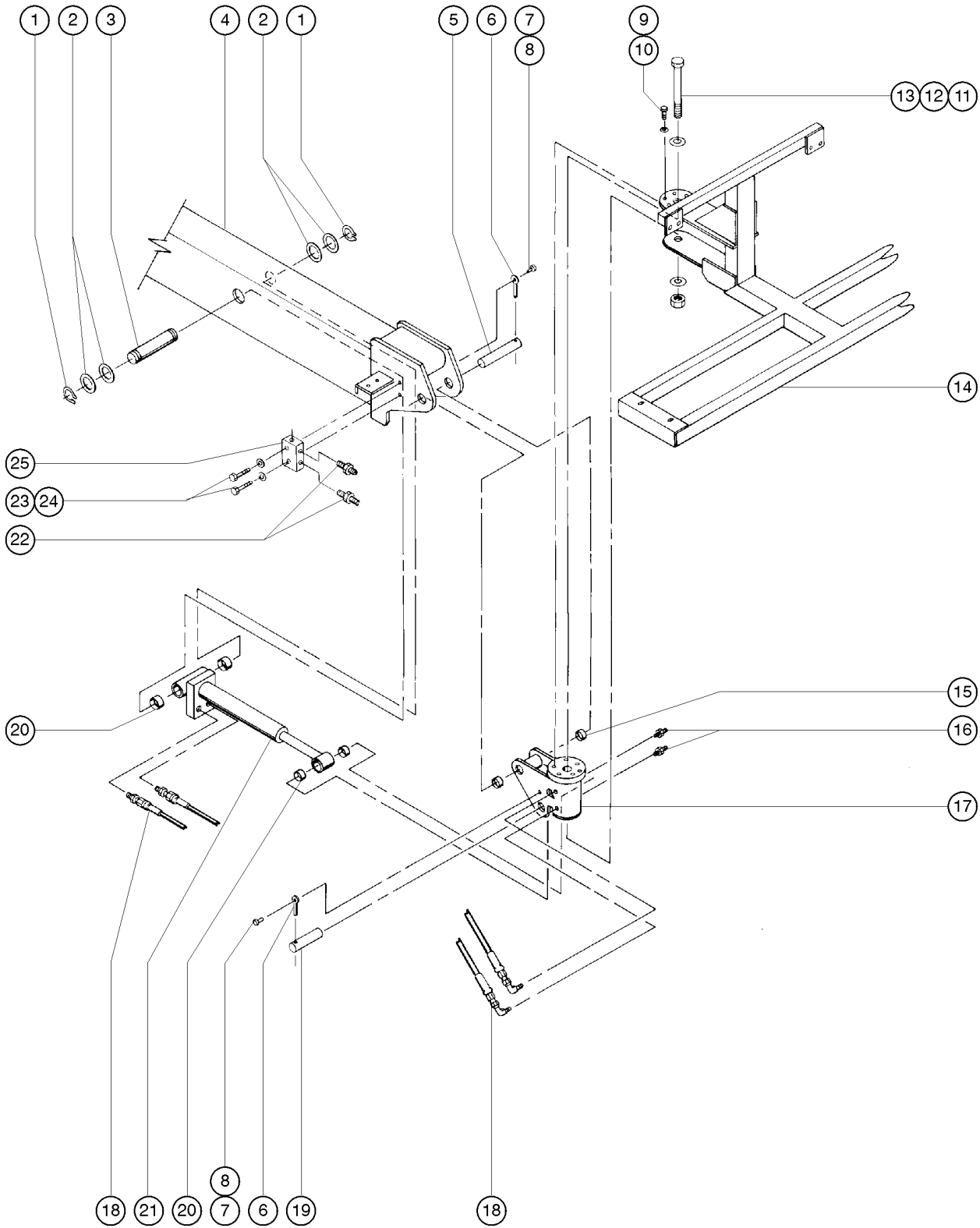
604.1 Cable Track Installation



604.1 Cable Track Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34394GT	WEAR PAD,BOTTOM,CABLE TRACK.....1		--	27258GT	TRIM,RUBBER EDGE,5/8 (BY INCH).....1	
2		Ref. Boom Installation.....1 <i>refer to sections 602.1 and 603.1</i>		--	37047GT	CABLE TRACK SUPORT TUBE ASSY** 95 version	
3	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8.....1		34	31411GT	WEAR PAD,CABLE TRACK.....2	
4	6021GT	WASHER,LOCK,.375.....6		35	30749GT	WEAR PAD,CABLE TRACK TUBE.....3	
5	34660-SGT	CABLE TRACK TUBE WELDMENT S60.....1		36	34680PGT	ANGLE,CABLE TRACK TUBE PAINTED.....1	
6	6888GT	SCREW,HHC,1/4-20 X 1.....4		37	22832GT	SCREW,HHC,3/8-16 X 6.....3	
7	6638GT	WASHER,FLAT,USS,1/4"Y.....26		38	7713GT	NUT, LP NYLOCK, 3/8-16.....3	
8	30750GT	WEAR PAD,CABLE TRACK TUBE.....1		39	34243-500GT	TUBE,UHMW, 1 X .25 X 5.00.....3	
9	34393GT	WEAR PAD,CORNER,CABLE TRACK....2		40	36204P-SGT	BRACKET,LIMIT SWITCH EXT,BLUE*....1	
10	6637GT	SCREW,HHC,1/4-20 X 1.75.....4					
11	6091GT	NUT,NYLOCK,1/4-20.....16					
12	34323GT	WEAR PAD,CABLE TRACK.....1					
13	45209GT	WEAR PAD,4X2X.5 W/INSERT***.....2					
14	8914GT	SCREW,HHC,1/4-20 X .625.....6					
15	6356GT	WASHER,LOCK,.25.....8					
16	5361GT	PIN,COTTER,.125 X 1.5.....1					
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					
--	27258GT	TRIM,RUBBER EDGE,5/8 (BY INCH) <i>order as needed</i>					
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					
--	19491GT	CONTACTOR,LIMIT SWITCH.....1					
--	89756GT	NECK/HEAD-LIMIT SWITCH (88356)					
--	97128GT	ROLLER ARM,LIMIT SWITCH***.....1					
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					
--	41621GT	KIT,CABLE TRACK UPDATE.....1 <i>for replacing plastic cable track</i>					
--	43935GT	KIT,STEEL CABLE TRACK,S60***.....1 <i>for replacing plastic cable track</i>					
33	43853-SGT	EXU.,CABLE TRK.SUPPT,210"DRIL*.....1					

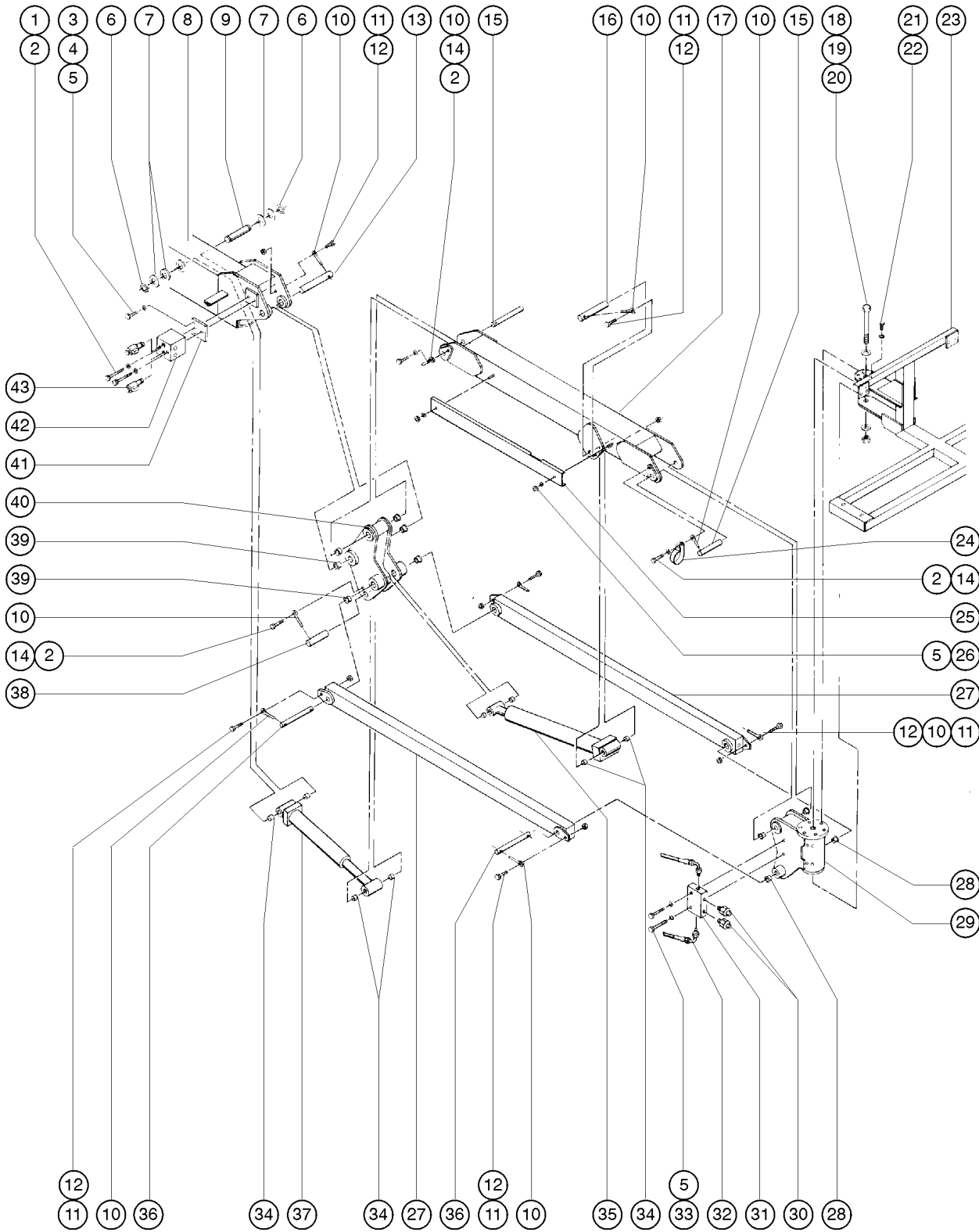
605.1 Slave Cylinder and Platform Rotator



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.....1 <i>refer to sections 602.1 and 603.1</i>	
5	T108078GT	PIN,1.25DIA X 9.50LG,1HOLE.....1	
6	825019GT	ROD END,.375 X 3.69,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***.....1 <i>includes index number 15 (non-jib models)</i>	
--	31498GT	BEARING KIT,ROTATOR,9K***	
--	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR*	
18		Ref. Hydraulic Hoses & Fittings.....2 <i>refer to section 607.1</i>	
19	T108075GT	PIN,1.25DIA X 5.25LG,1HOLE.....1	
20	1262634GT	BUSHING,POLYGON,BM5121.....4	
--	25683GT	BEARING,POLYGON,20DU12 <i>for blue cylinder</i>	
21	63210GT	CYLINDER,SLAVE,3 X 11.38***.....1 <i>includes Index No. 20</i>	
--	33487GT	SEAL KIT,HYDRAULIC CYLINDER*** <i>for blue cylinder</i>	
--	43169GT	VALVE,COUNTERBALANCE***.....2 <i>for blue cylinder</i>	
--	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500.2 <i>for black cylinder</i>	
--	63350GT	SEAL KIT,CYL (63210).....1	
22	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000.2	
23	6637GT	SCREW,HHC,1/4-20 X 1.75.....2	
24	6638GT	WASHER,FLAT,USS,1/4"Y.....2	
25	30823GT	VALVE,DUAL CB MANIFOLD.....1 <i>includes index number 22</i>	

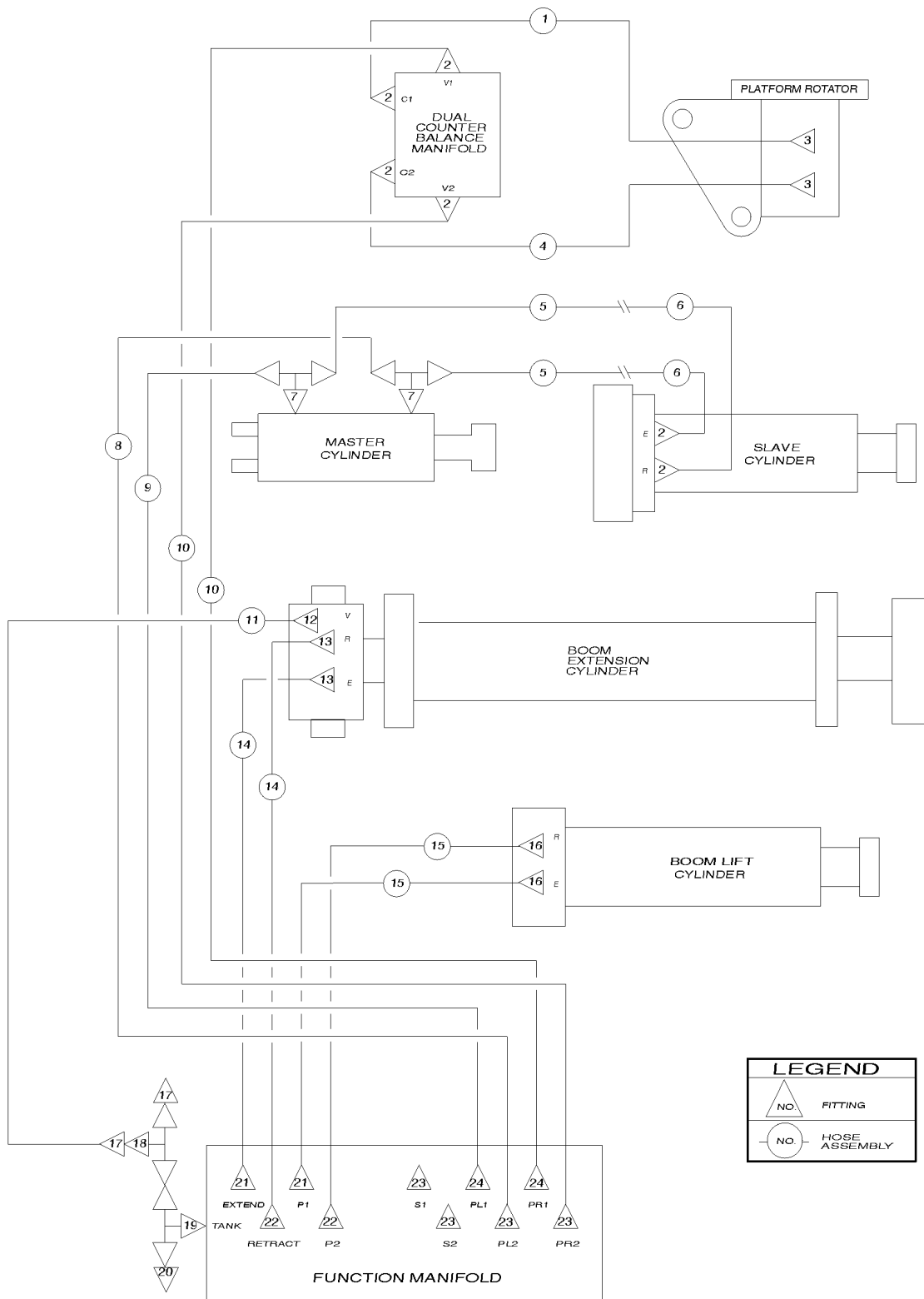
606.1 Jib Boom and Platform Rotator



606.1 Jib Boom and Platform Rotator

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	21604GT	SCREW,HHC,3/8-16 X 3.25.....	2	32		Ref. Hydraulic Hoses & Fittings.....	1
2	6021GT	WASHER,LOCK,.375.....	5			<i>refer to section 608.1</i>	
3	6090GT	SCREW,HHC,1/4-20 X .75.....	2	33	6637GT	SCREW,HHC,1/4-20 X 1.75.....	2
4	6356GT	WASHER,LOCK,.25.....	2	34	1262634GT	BUSHING,POLYGON,BM5121.....	8
5	6638GT	WASHER,FLAT,USS,1/4"Y.....	6	35	63213GT	CYLINDER,JIB (STICK BOOMS).....	1
6	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**.....	2			<i>includes 4 each index number 34</i>	
7	30255GT	WASHER,SHIM,1.27 X 2.13 X .062.....	4	--	33428GT	VALVE,COUNTERBALANCE.....	1
8		Ref. Boom Installation.....	1	--	33553GT	SEAL KIT,HYDRAULIC CYLINDER.....	1
		<i>refer to sections 602.1 or 603.1</i>		--	43018GT	SEAL KIT (39345)	
9	T108079GT	PIN,1.25DIA X 8.30LG,2RING.....	1	36	81175GT	PIN,1.25DIA X 14.45LG,2HOLE.....	2
10	825019GT	ROD END,.375 X 3.69,ZAG.....	9	37	63210GT	CYLINDER,SLAVE,3 X 11.38***.....	1
11	8516GT	SCREW, HCC, 3/8-16 X 1.50.....	6			<i>includes 4 each index number 34</i>	
12	4828GT	NUT,NYLOCK,3/8-16.....	6	--	33487GT	SEAL KIT,HYDRAULIC CYLINDER***.....	1
13	T108078GT	PIN,1.25DIA X 9.50LG,1HOLE.....	1	--	43169GT	VALVE,COUNTERBALANCE***.....	1
14	6175GT	SCREW,HHC,3/8-16 X 1.....	3	38	T108075GT	PIN,1.25DIA X 5.25LG,1HOLE.....	1
15	T108076GT	PIN,1.25DIA X 7.88LG,1HOLE.....	2	39	34132GT	BEARING,GARLOCK,20FDU20.....	6
16	T108077GT	PIN,1.25DIA X 7.00LG,1HOLE.....	1	40	89801GT	BELLCRANK ASSY W/BEARINGS.....	1
17		SERVICE KIT, 5FT JIB.....	1	41	34625P-SGT	PLATE,JIB MANIFOLD MTG.PAINTED...1	
		<i>see 609.1 for jib detail</i>		42	73616GT	MANIFOLD,JIB SELECT***.....	1
18	30286GT	SCREW,HHC,1-8 X 12IN GRD.2***.....	1	43	29066GT	VALVE,SOLENOID,10V,2POS	
19	122079GT	WASHER,FLAT,1.000,HARDENED.....	2			3WAY**.....	2
20	29764GT	NUT,NYLOCK,1-8.....	1	--	27814GT	COIL,SOLENOID,10V.....	2
21	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5.....	6	--	45912GT	NUT,SOLENOID VALVE 2P3W.....	2
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				
29	77875GT	ROTATOR ASSEMBLY,8.2K***.....	1				
		<i>required for first time replacement of older rotators; includes hydraulic rotator part number 94397, manifold part number 73807 and shaft adapter 77877</i>					
--	13852GT	VALVE ASSY,BLEED***.....	2				
--	31498GT	BEARING KIT,ROTATOR,9K***					
		<i>for rotator 30947P</i>					
--	62417GT	SEAL KIT,PLAT ROTATE***					
		<i>for rotator 77875</i>					
--	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR*					
		<i>for rotator 30947P</i>					
30	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000.2					
31	30823GT	VALVE,DUAL CB MANIFOLD.....	1				
		<i>includes index number 30</i>					

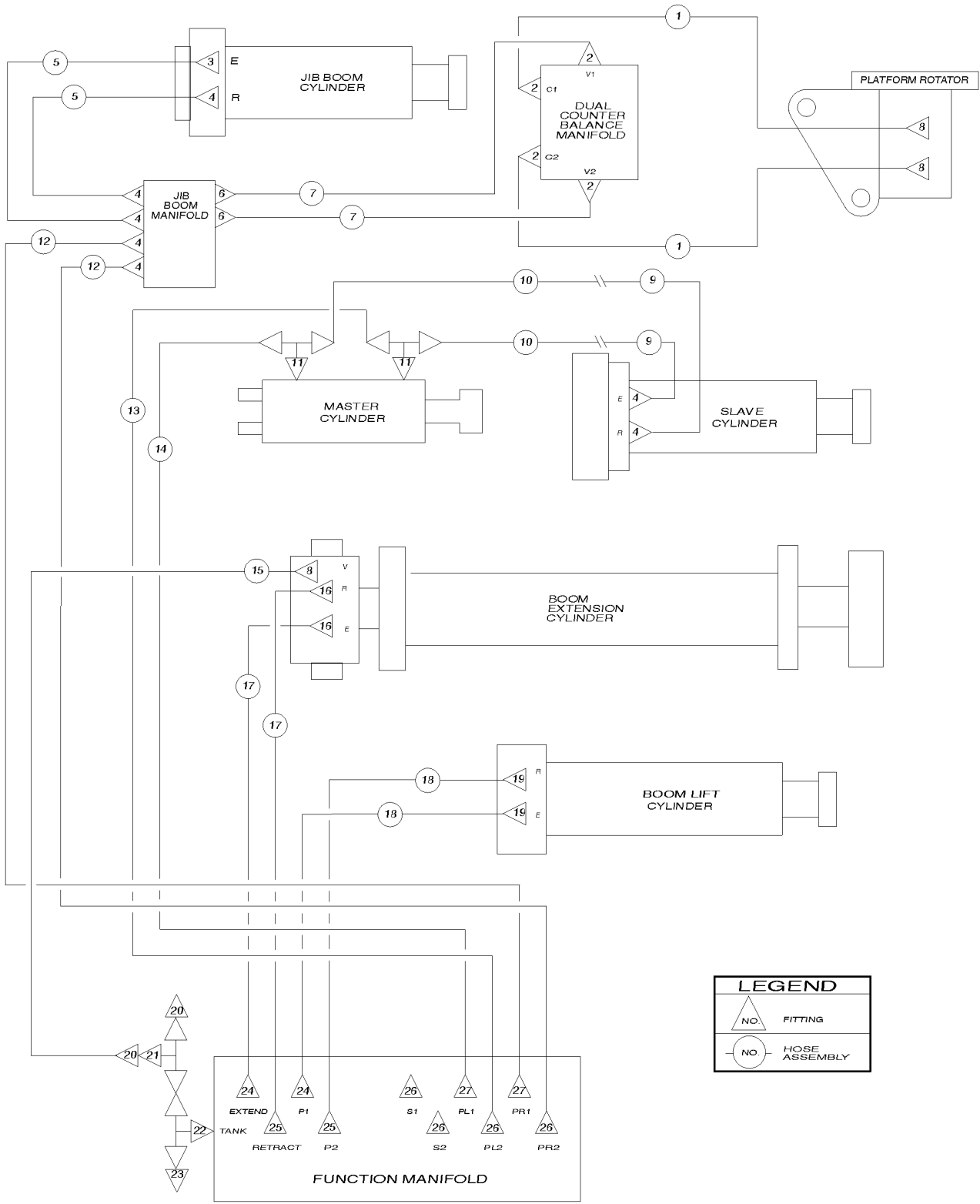
607.1 Hydraulic Hoses and Fittings - S-60 Models



607.1 Hydraulic Hoses and Fittings - S-60 Models

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	33994GT	PLUG AND CAP KIT-SERVICE,37 **		14	34562GT	HOSE ASSEMBLY, 177".....2 <i>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)</i>	
1	34604GT	HOSE ASSEMBLY, 26".....1 <i>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)</i>		15	34558GT	HOSE ASSEMBLY, 96".....2 <i>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)</i>	
2	13756GT	CONNECTOR,070120-4-6.....6		16	18687GT	CONNECTOR,070120-6-8.....2	
3	13921GT	ELBOW,070220-4-4.....2		17	30876GT	REDUCER,070123-10-4.....2	
4	34603GT	HOSE ASSEMBLY, 31".....1 <i>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)</i>		18	22975GT	TEE,RUN,070432-10.....1	
5	34839GT	HOSE ASSY,735".....2 <i>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)</i>		19	30875GT	TEE,BRANCH,070429-10-10.....1	
6	34775GT	HOSE ASSEMBLY, 24".....2 <i>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)</i>		20	45170GT	HOSE END,BARBED,SWIVEL,-12-12.....1	
7	45705GT	TEE,BRANCH,070429-6-6.....2		21	32156GT	CONNECTOR,070122-8-8.....2	
8	34561GT	HOSE ASSEMBLY, 136".....1 <i>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)</i>		22	45703GT	CONNECTOR,070120-8-8.....2	
9	34715GT	HOSE ASSY,127".....1 <i>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)</i>		23	45412GT	CONNECTOR,070120-6-6.....4	
10	34840GT	HOSE ASSY,827".....2 <i>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)</i>		24	45412GT	CONNECTOR,070120-6-6.....2	
11	34570GT	HOSE ASSEMBLY, 186".....1 <i>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)</i>					
12	13755GT	CONNECTOR,070120-4-4.....1					
13	34635GT	ELBOW,070320-6-8.....2					

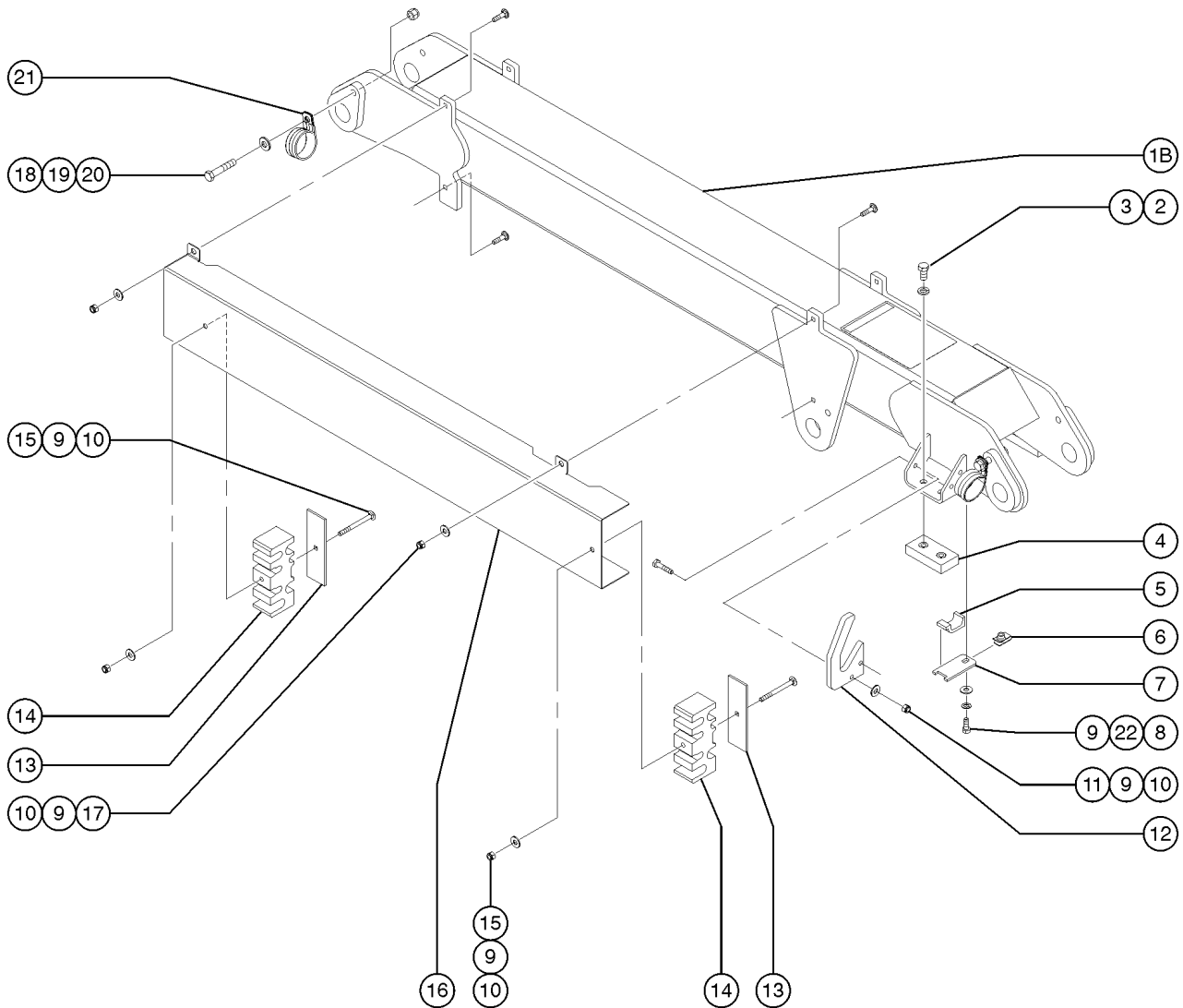
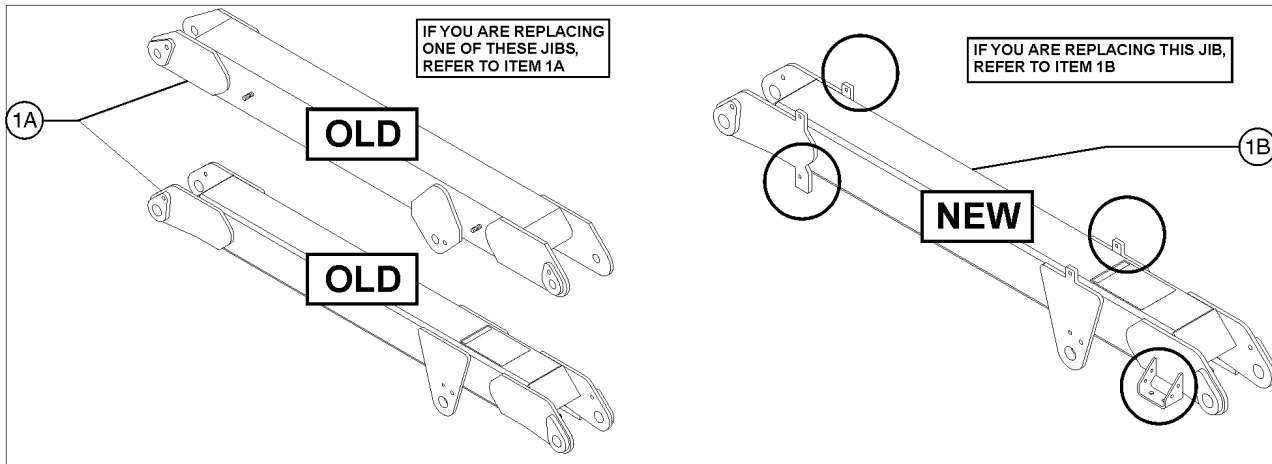
608.1 Hydraulic Hoses and Fittings - S-65 Models



608.1 Hydraulic Hoses and Fittings - S-65 Models

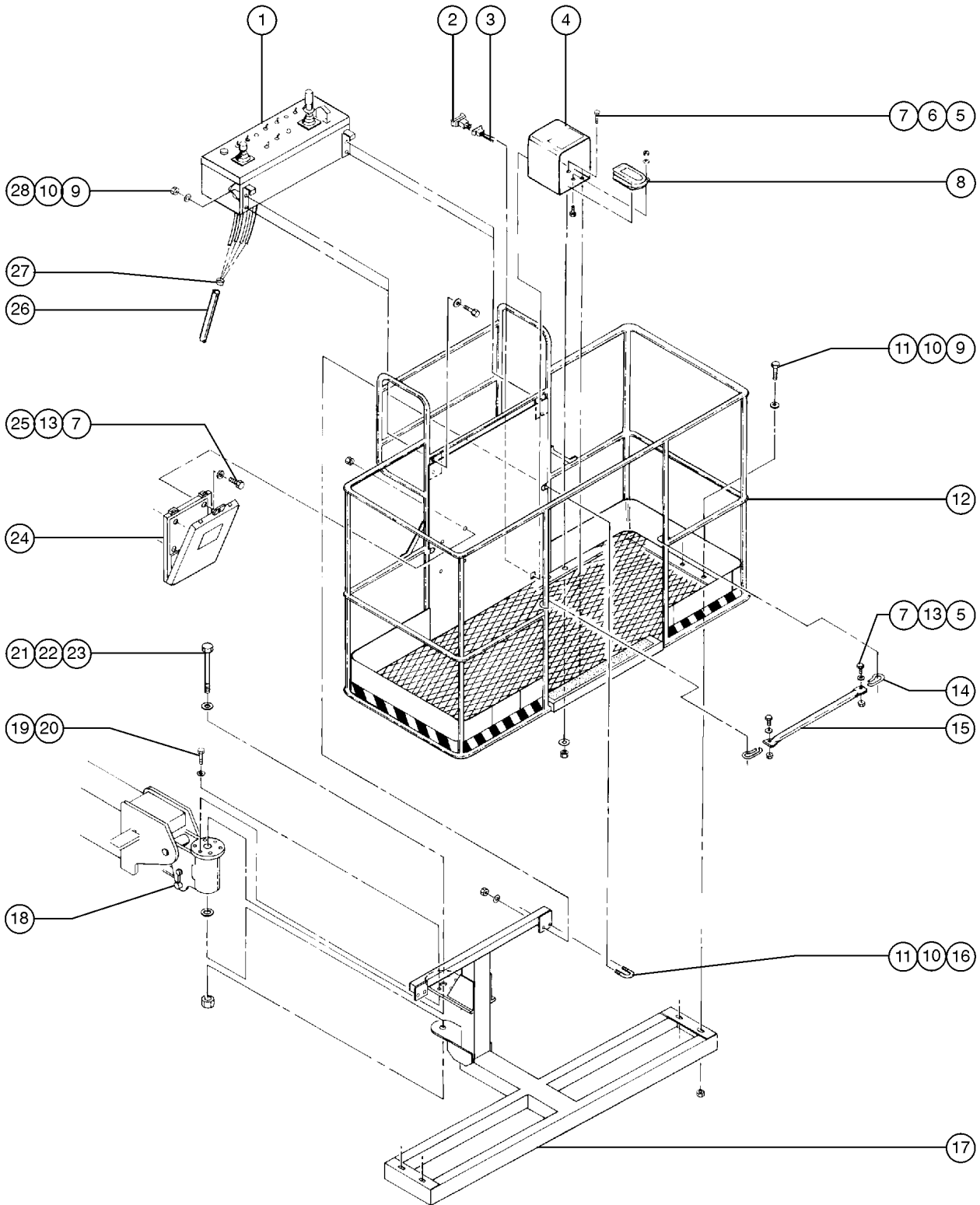
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	33994GT	PLUG AND CAP KIT-SERVICE,37 **		15	34570GT	HOSE ASSEMBLY, 186".....1 <i>Hose End - Female JIC Swivel, 4-2 (Synflex 3903-02544), Hose End - Female JIC Swivel, 4-2 (Synflex 3903-02544) & Hose - 1/8" Thermoplastic Medium Pressure (Synflex 3130-02)</i>	
1	34631GT	FLARE TUBE ASSY,JIB COUNTERBAL.....2		16	34635GT	ELBOW,070320-6-8.....2	
2	12340GT	ELBOW,070220-4-6.....4		17	34562GT	HOSE ASSEMBLY, 177".....2 <i>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)</i>	
3	34799GT	CONN,070120-4-6,WI.035 OR.....1		18	34558GT	HOSE ASSEMBLY, 96".....2 <i>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)</i>	
4	13756GT	CONNECTOR,070120-4-6.....7		19	18687GT	CONNECTOR,070120-6-8.....2	
5	34600GT	HOSE ASSEMBLY, 83".....2 <i>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)</i>		20	30876GT	REDUCER,070123-10-4.....2	
6	30446GT	CONN,070120-4-6,WI.030 OR.....2		21	22975GT	TEE,RUN,070432-10.....1	
7	34653GT	HOSE ASSEMBLY, 88".....2 <i>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)</i>		22	30875GT	TEE,BRANCH,070429-10-10.....1	
8	13755GT	CONNECTOR,070120-4-4.....3		23	45170GT	HOSE END,BARBED,SWIVEL,-12-12.....1	
9	34775GT	HOSE ASSEMBLY, 24".....2 <i>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)</i>		24	32156GT	CONNECTOR,070122-8-8.....2	
10	34839GT	HOSE ASSY,735".....2 <i>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)</i>		25	45703GT	CONNECTOR,070120-8-8.....2	
11	45705GT	TEE,BRANCH,070429-6-6.....2		26	45412GT	CONNECTOR,070120-6-6.....4	
12	34840GT	HOSE ASSY,827".....2 <i>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)</i>		27	45412GT	CONNECTOR,070120-6-6.....2	
13	34561GT	HOSE ASSEMBLY, 136".....1 <i>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)</i>					
14	34715GT	HOSE ASSY,127".....1 <i>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)</i>					

609.1 Jib Detail



Item	Part No.	Description	Qty.
1A	128513GT	SERVICE KIT,5FT JIB <i>required for first time replacement (includes part number 128534)</i>	
1B	128534GT	JIB BOOM ASSY W/WORD DECAL.....1 <i>use ONLY if service kit 128513 has been installed on the machine</i>	
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",Y	
20	4828GT	NUT,NYLOCK,3/8-16	
21	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH.....2	
22	6356GT	WASHER,LOCK, .25	

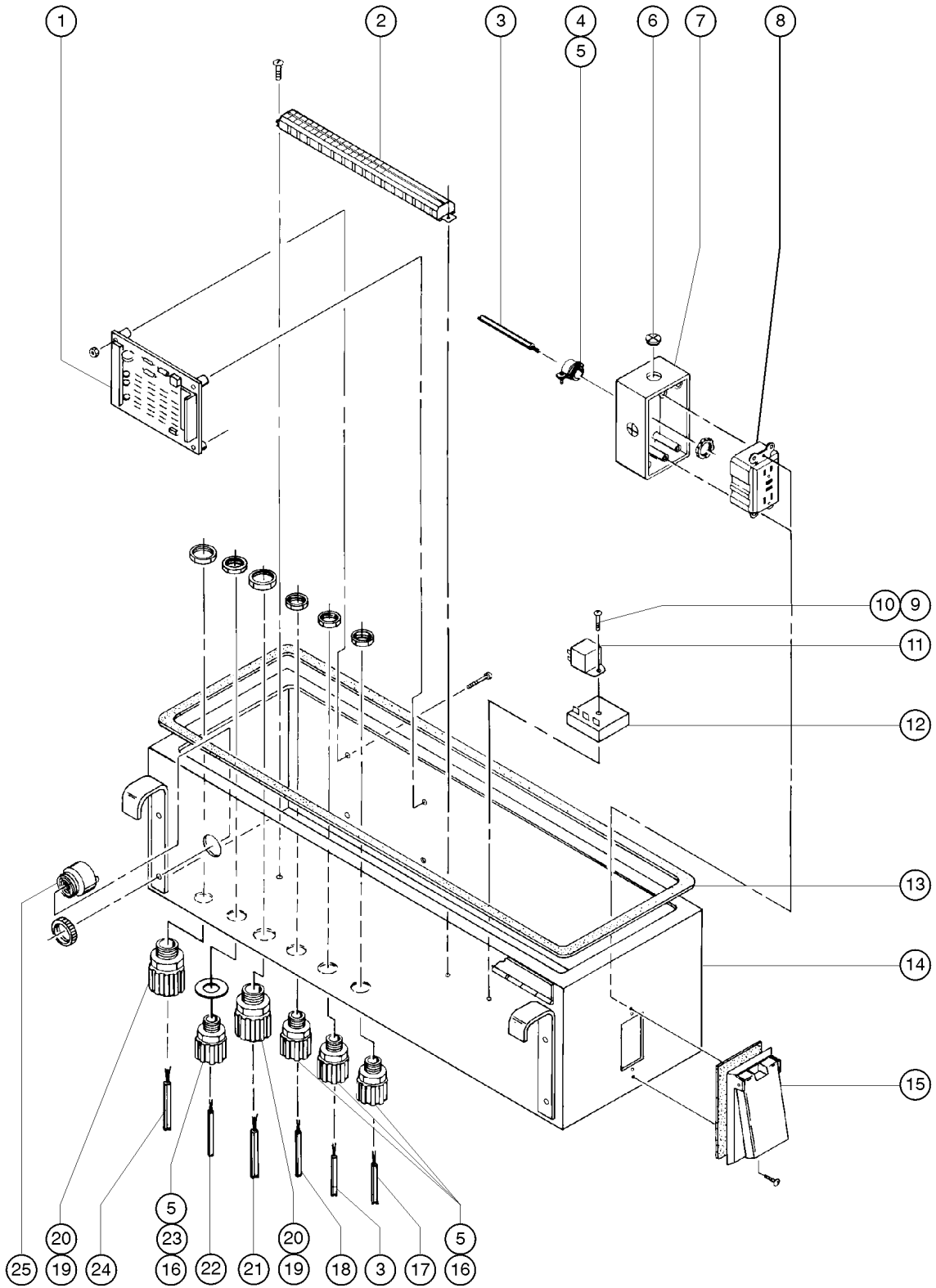
701.1 Platform Installation



701.1 Platform Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Ref. Platform Controls <i>refer to section 702.1 and 703.1</i>		--	32707GT	PLAT. ASSY,EURO,8 FT, S40.....1 <i>includes index numbers 5, 7, 13, 14, 15 and 19</i>	1
2	32708GT	HARNESS ASSY, FOOTSWITCH.....1		--	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*1	1
--	22431GT	TERMINAL,ANDERSON,30A 12-16 GA.....1		13	6638GT	WASHER,FLAT,USS,1/4"Y.....6	6
--	22432GT	ANDERSON HOUSING,15-45 AMP BLK.....1		14	12443GT	MIDRAIL GUIDE (HOOK).....2	2
--	22433GT	ANDERSON HOUSING,15-45,AMP,WHT.....1		15	102992GT	SLIDING MIDRAIL KIT,PTD.....1 <i>includes index numbers 5, 7, 13 and 14</i>	1
--	22435GT	ANDERSON HOUSING,15-45 AMP GRN.....1		--	139451GT	TUBE,SLIDING MIDRAIL,PAINTED.....1	1
--	43956GT	WIRE CABLE,14/3 CON.TPE JKT*.....1		--	20973GT	WIRE LOOM,3/8 POLY SLIT.....1	1
--	45200GT	SPACER,SHORT ANDERSON.....1		--	21121GT	CABLE TIE,4" BLK,HEAT RESISTNT....1	1
--	45202GT	PIN,ROLL,.094 X .875.....1		16	6550GT	U-BOLT,3/8 X 1 YZ.....2	2
--	45313GT	PLUG,W/LATCH,4 POLE,ANDERSON...1		17		PLATFORM SUPPORT WELDMNT.....1 <i>refer to sections 605.1 or 606.1</i>	1
3	32709GT	CONNECTOR ASSY,FOOTSWITCH S40.....1		18		Ref. Hydraulic Rotator - Platform.....1 <i>refer to sections 605.1 or 606.1</i>	1
--	22431GT	TERMINAL,ANDERSON,30A 12-16 GA.....1		19	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5.....6	6
--	22432GT	ANDERSON HOUSING,15-45 AMP BLK.....1		20	6033GT	WASHER,LOCK,0.5".....6	6
--	22433GT	ANDERSON HOUSING,15-45,AMP,WHT.....1		21	30286GT	SCREW,HHC,1-8 X 12IN GRD.2***.....1	1
--	22435GT	ANDERSON HOUSING,15-45 AMP GRN.....1		22	122079GT	WASHER,FLAT,1.000,HARDENED.....2	2
--	43956GT	WIRE CABLE,14/3 CON.TPE JKT*.....1		23	29764GT	NUT,NYLOCK,1-8.....1	1
--	45139GT	RECEPT.,SNAP-IN,4 POLE ANDERSN.....1		24A	44743GT	MANUAL BOX W/DECALS***1 <i>USA/Canada/Australia</i>	1
--	45201GT	SPACER,LONG ANDERSON.....1		24B	24514GT	BOX,INSTRUCTION STORAGE <i>Europe/Asia/South America (decals required; refer to Section100)</i>	
--	45202GT	PIN,ROLL,.094 X .875.....1		25	6090GT	SCREW,HHC,1/4-20 X .75.....4	4
4	32710GT	GUARD,FOOTSWITCH,W/DECAL STEEL.....1		26	28678GT	SLEEVE,NYLON,2"ID.,BULK(100).70-inches	
5	6888GT	SCREW,HHC,1/4-20 X 1.....4	4	27	28443GT	CABLE TIE,11.5" BLACK.....3	3
6	12906GT	WASHER,FENDER,.25 X 1.25 X.062.....2	2	28	7113GT	Nut - Low Profile Nylock 3/8-16.....4	4
7	6091GT	NUT,NYLOCK,1/4-20.....8	8				
8	13482GT	FOOT SWITCH***1 <i>includes mounting fasteners</i>	1				
--	20262GT	MICROSWITCH,13482 FOOTSWITCH...1	1				
9	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5.....8	8				
10	6097GT	WASHER,FLAT,USS,3/8",Y.....12	12				
11	4828GT	NUT,NYLOCK,3/8-16.....8	8				
12	32704GT	PLAT.ASSY,6FT-S40/S60-95'& S80.....1 <i>includes index numbers 5, 7, 13, 14, 15 and 19</i>	1				
--	32705GT	PLAT. ASSY,8 FT,SERV,S40/60/80.....1 <i>includes index numbers 5, 7, 13, 14, 15 and 19</i>	1				
--	32706GT	PLAT. ASSY,EURO,6 FT, S40.....1 <i>includes index numbers 5, 7, 13, 14, 15 and 19</i>	1				

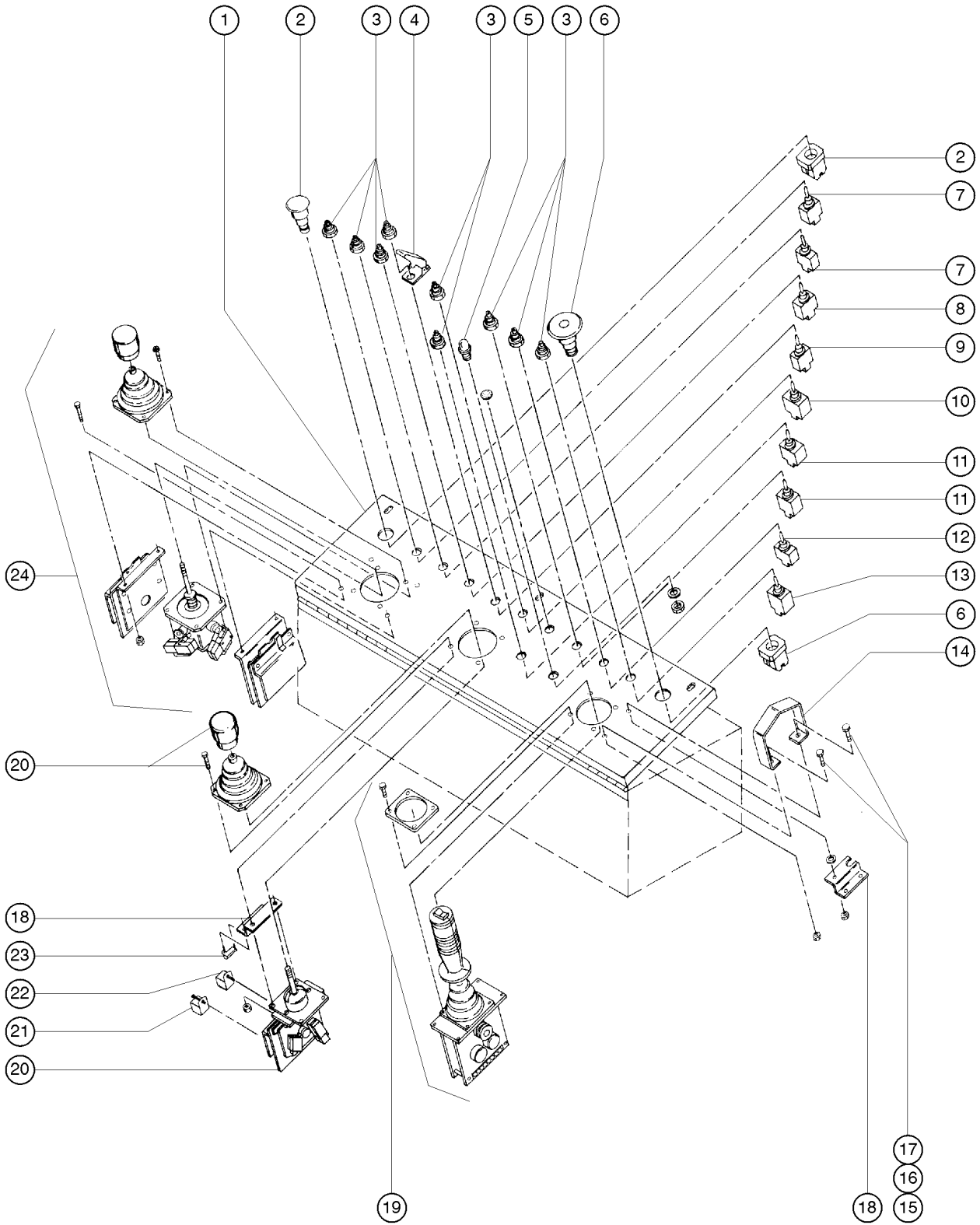
702.1 Platform Controls - View 1



702.1 Platform Controls - View 1

Item	Part No.	Description	Qty.
A	119867GT	WIRING KIT,JIB TIME DELAY IC	
--	19274GT	RELAY,SPDT,12V(AUTO)**	
--	43181GT	CAPACITOR,TIME DELAY	
--	33996GT	SCREWDRIVER,TERMINAL BLOCK	
1	22052GT	LIMITER PC BOARD, HORSEPOWER...1 <i>includes mounting fasteners</i>	
--	39591GT	SPACER,NYLON,.375.....4 <i>sold separately</i>	
2	32637GT	TERMINAL BLOCK,WAGO.....48	
2	33996GT	SCREWDRIVER,TERMINAL BLOCK	
3	43956GT	WIRE CABLE,14/3 CON.TPE JKT*.....960-inches	
4	6622GT	GROUND CONNECTOR,1/2".....1	
5	6935GT	LOCKNUT,ELEC,1/2".....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	
--	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.....1 <i>includes 1 each index number 13</i>	
15	45437GT	COVER,GFCI,WEATHERPROOF.....1 <i>includes mounting fasteners</i>	
--	33629GT	PLATE,UK POWER TO PLATFORM.....1	
--	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-inches	
19	12960GT	CABLE SQUEEZE CONN.,XTRA LRG...2	
20	14041GT	LOCKNUT,ELECTRIC,3/4".....2	
21	35934GT	WIRE CABLE,18/19 CON.TPRJKT.....960-inches	
22	35934GT	WIRE CABLE,18/19 CON.TPRJKT.....960-inches	
23	34769GT	WASHER,REDUCING 3/4" TO 1/2".....1	
24	43956GT	WIRE CABLE,14/3 CON.TPE JKT*.....120-inches	
25	45383GT	ALARM,WARBLE TONE 5-30 VDC***.....1 <i>Does not include 72326 nut</i>	
--	72326GT	NUT - PLASTIC,RING FOR ALARMS.....1	

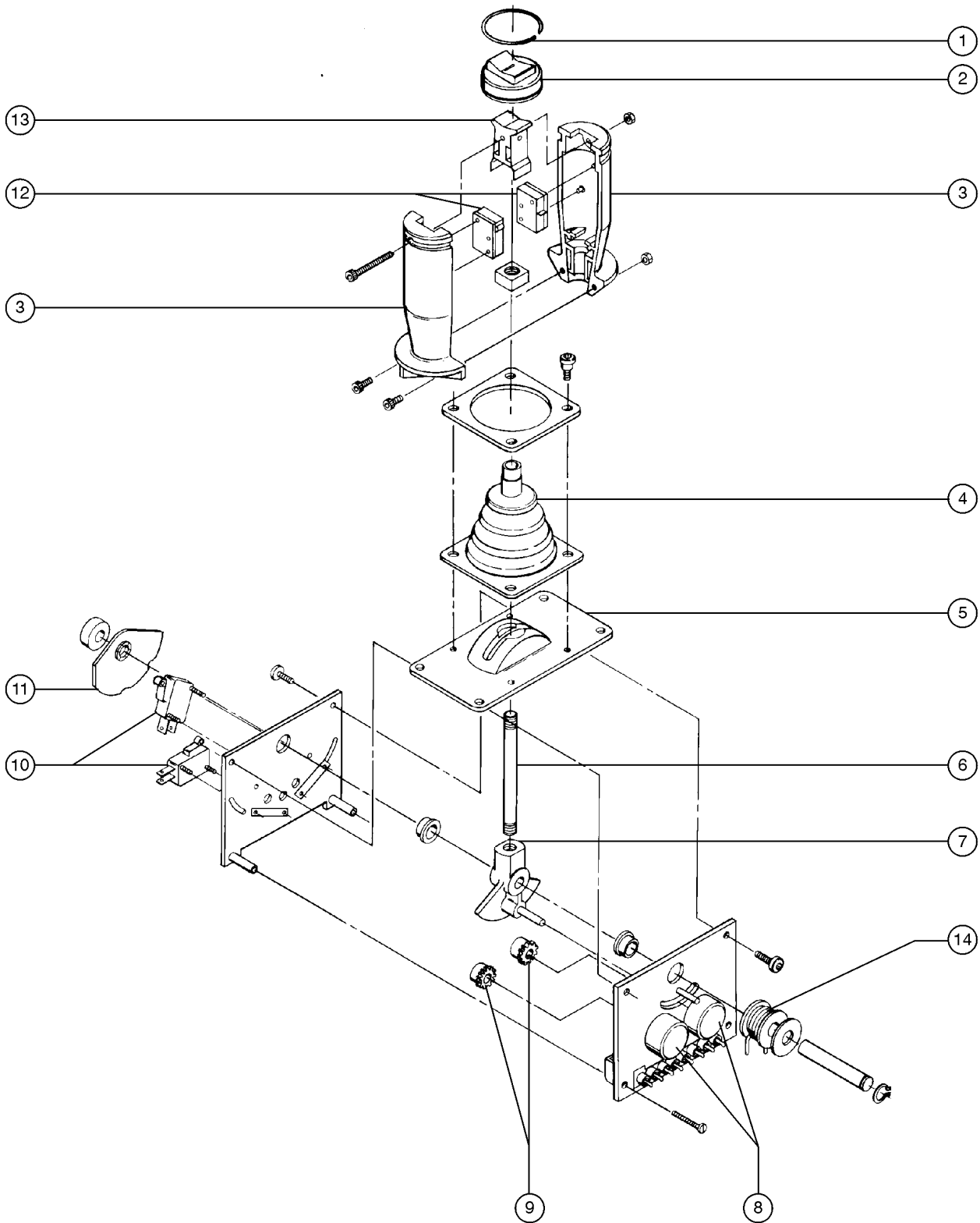
703.1 Platform Controls - View 2



703.1 Platform Controls - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	33474GT	CONTROL BOX W/DECAL,PLAT.....	1	--	24495HGT	JOYSTICK,SINGLE AXIS PROPORT <i>aftermarket joystick replacement</i>	
2	122513GT	KIT,HORN SVC BB&SM BOOM..... <i>required ONLY for first time replacement</i>	1	21	19274GT	RELAY,SPDT,12V(AUTO)**.....	1
--	66813GT	BUTTON,PUSH,BLACK W/SEAL***.....	1	22	19274GT	RELAY,SPDT,12V(AUTO)**.....	1
--	66815GT	BASE, W/1 N.O. CONTACTS***		23	27116GT	RESISTOR,100 OHM,25 WATT..... <i>4WD models</i>	1
--	66816GT	CONTACT,N.O.***.....	1	23	34798GT	RESISTOR,150 OHM,25 WATT..... <i>2WD models</i>	1
3	27246GT	BOOT,TOGGLE SWITCH,SHORT*.....	9	24	40613GT	JOYSTICK,DUAL AXIS CONTROLL.**.... <i>OEM joystick</i>	1
4	13471GT	COVER, AUXILIARY POWER SWITCH.....	1	--	40613HGT	JOYSTICK,DUAL AXIS CONTROLL.** <i>aftermarket joystick replacement</i>	
5	824879GT	LIGHT,LED IND. RED 12V NH.....	1				
--	824879GT	LIGHT,LED IND. RED 12V NH					
6	122514GT	KIT,ESTOP SVC BB&SM BOOM.....	1				
--	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD.....	1				
--	66818GT	CONTACT, N.C.....	2				
--	66821GT	BASE,WITHOUT CONTACTS.....	1				
7	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN.....	2				
		<i>includes mounting fasteners</i>					
8	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*.....	1				
		<i>includes mounting fasteners</i>					
9	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN.....	1				
		<i>includes mounting fasteners</i>					
10	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT*.....	1				
		<i>includes mounting fasteners</i>					
11	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*.....	2				
		<i>includes mounting fasteners</i>					
12	13038-SGT	SWITCH,TOGGLE,DPDT,3POS MAINT.....	1				
		<i>includes mounting fasteners</i>					
13	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT*.....	1				
		<i>includes mounting fasteners; Gasoline/LPG models</i>					
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..... <i>OEM joystick</i>	1				
--	20424HGT	JOYSTICK CONTROLLER,12V <i>aftermarket joystick replacement</i>					
20	24495GT	JOYSTICK,SINGLE AXIS PROPORT..... <i>OEM joystick</i>	1				

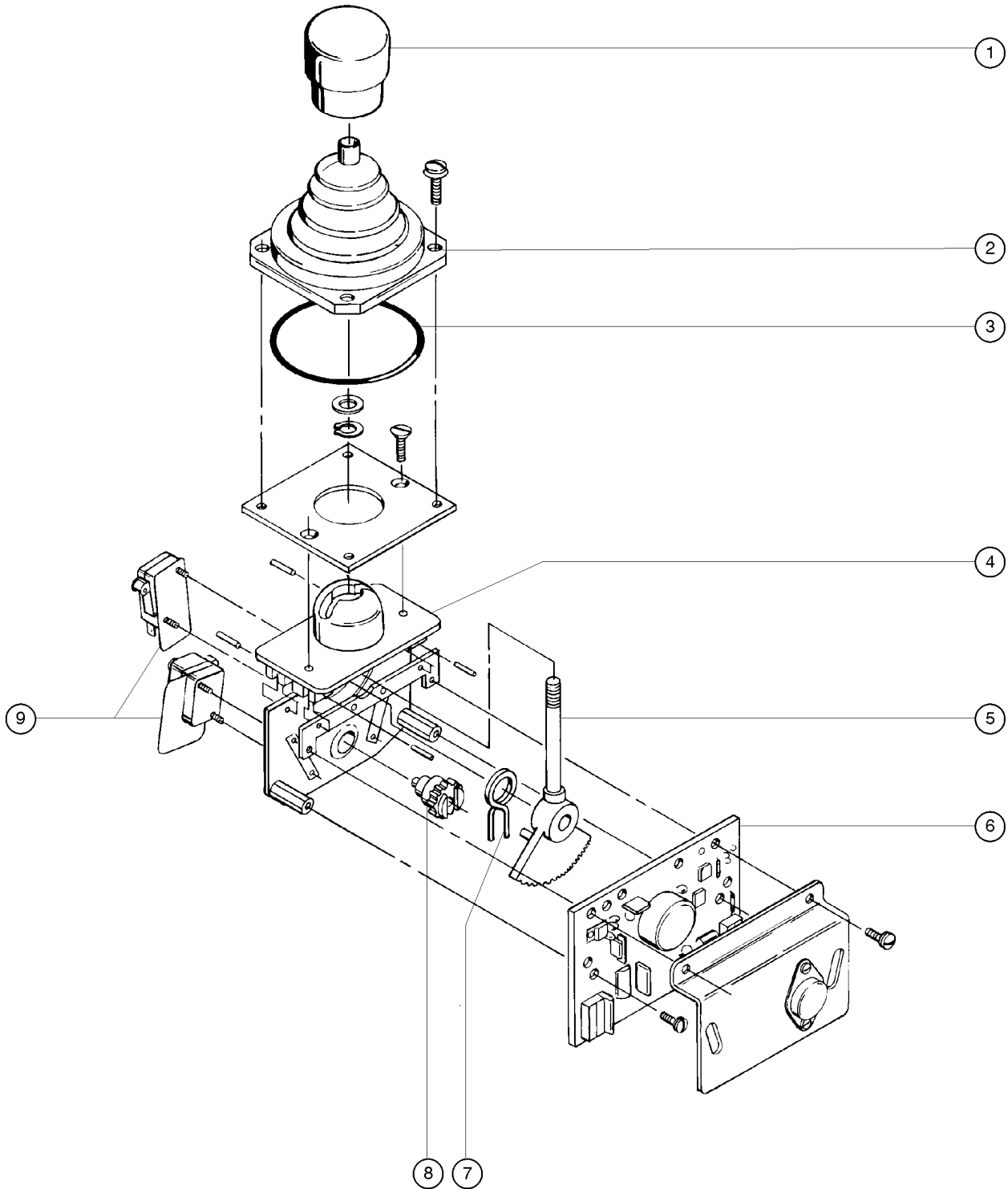
704.1 Joystick Controller - Drive / Steer Functions



704.1 Joystick Controller - Drive / Steer Functions

Item	Part No.	Description	Qty.
--	20424GT	JOYSTICK CONTROLLER,12V <i>OEM joystick, contains all shown service parts</i>	
--	20424HGT	JOYSTICK CONTROLLER,12V <i>aftermarket joystick replacement</i>	
1	25882GT	LOCK RING.....	1
2	25881GT	BOOT,THUMB 20424 JOYSTICK.....	1
3	25883GT	HANDLE HALF,JOYSTICK (20424)..... <i>order qty (2) required</i>	2
--	49887GT	NUT & BOLT KIT (25883)	
--	72245GT	KIT, JOYSTICK HANDLE <i>includes handles, rocker and nut/bolt kit</i>	
4	22368GT	BOOT (20424).....	1
5	25884GT	COVER CASTING,20424 CONTROLLER.....	1
6	25886GT	SHAFT,W/NC STLY BLOCK,(20424)*..... <i>consult factory when ordering</i>	1
7		GEAR CASTING,20424 CONTROLLER..... <i>part no longer available; consult factory</i>	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***	

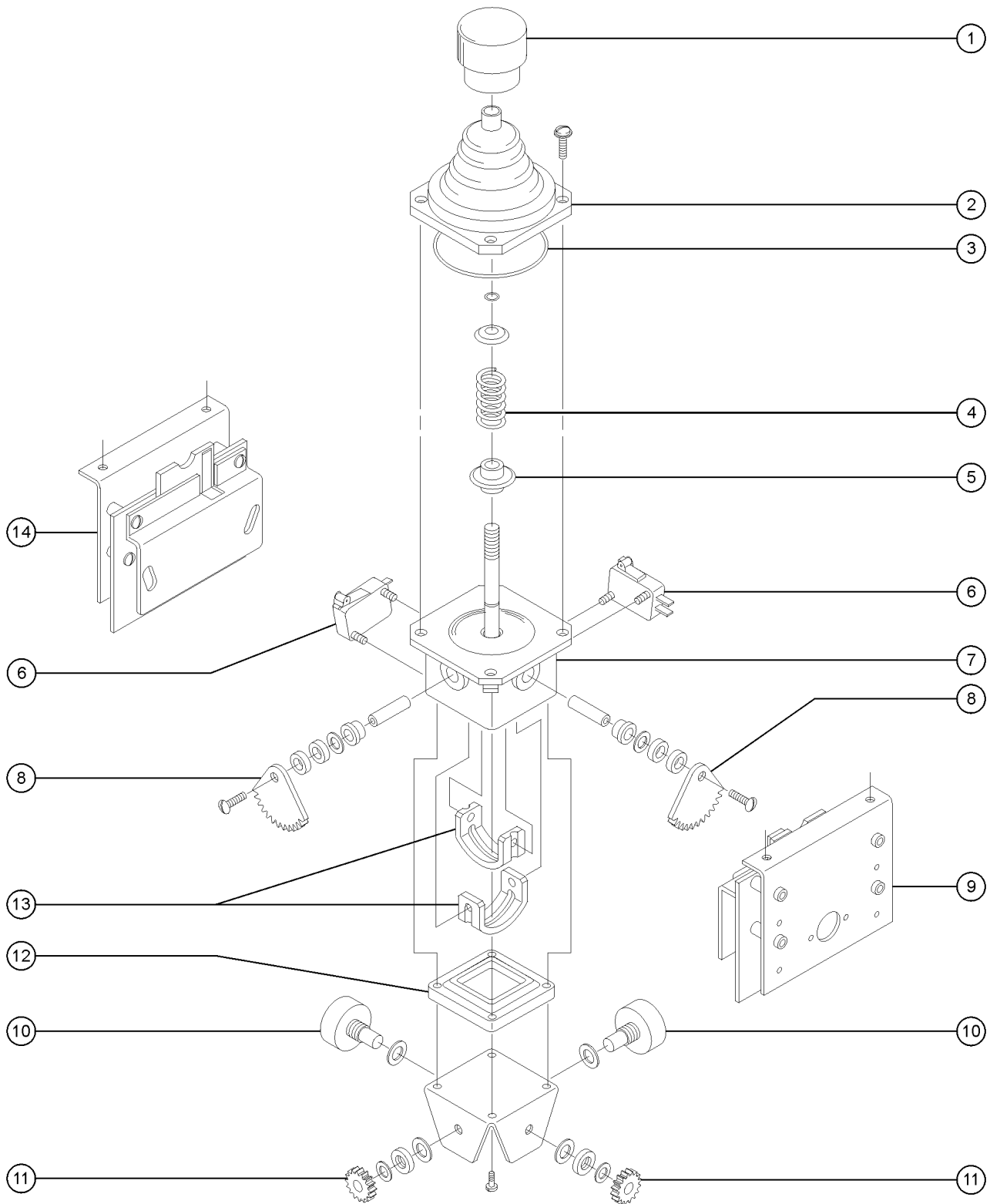
705.1 Joystick Controller - Boom Functions, Single Axis



705.1 Joystick Controller - Boom Functions, Single Axis

Item	Part No.	Description	Qty.
--	24495GT	JOYSTICK,SINGLE AXIS PROPORT <i>OEM joystick, contains all shown service parts</i>	
--	24495HGT	JOYSTICK,SINGLE AXIS PROPORT <i>aftermarket joystick replacement</i>	
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
--	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

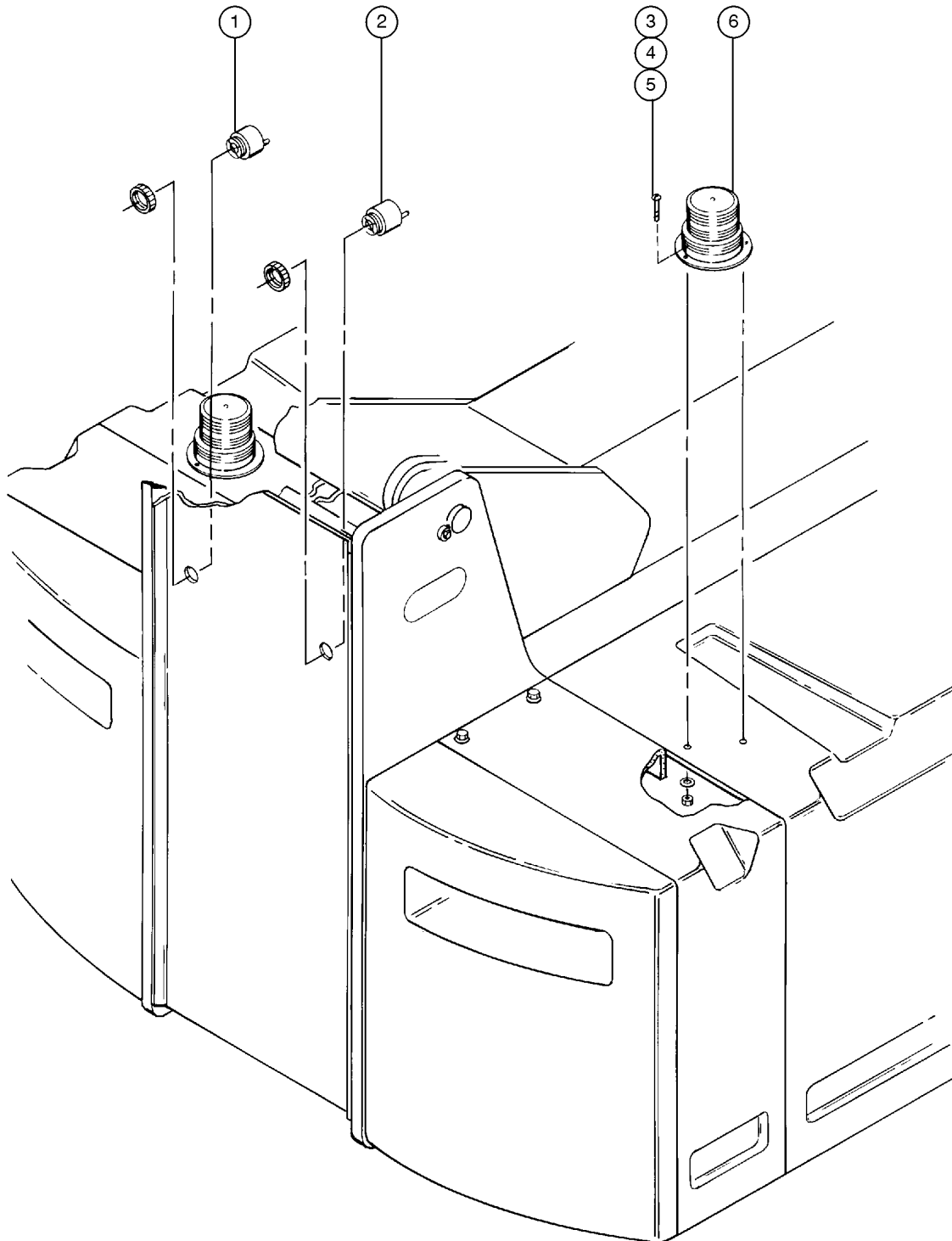
706.1 Joystick Controller - Boom Functions, Dual Axis



706.1 Joystick Controller - Boom Functions, Dual Axis

Item	Part No.	Description	Qty.
--	40613GT	JOYSTICK,DUAL AXIS CONTROLL.** <i>OEM joystick, contains all shown service parts</i>	
--	40613HGT	JOYSTICK,DUAL AXIS CONTROLL.** <i>aftermarket joystick replacement</i>	
1	27133GT	HANDLE,CAP,CONTROLLER.....	1
2	27134GT	BOOT,CONTROLLER..... <i>includes 46272</i>	1
--	46272GT	FLANGE-JOYSTICK MOUNTING,44988.....	1
3	31526GT	O-RING,BOOT,CONTROLLER..... <i>to SN 1321</i>	1
4	27511GT	SPRING,24493 CONTROLLER.....	1
5	31283GT	BUSHING,SPRING SEAT.....	1
6	19712GT	MICROSWITCH,V3L-139-D8..... <i>to SN 1321</i>	4
--	19712GT	MICROSWITCH,V3L-139-D8..... <i>from SN 1322</i>	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)..... <i>to SN 1321</i>	2
--	72356GT	POTENTIOMETER (40613)..... <i>from SN 1322 (supplier p/n EPVR-342)</i>	2
--	83088GT	POTENTIOMETER (40613) <i>from SN 1322 (suppler p/n EPVR-464)</i>	
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

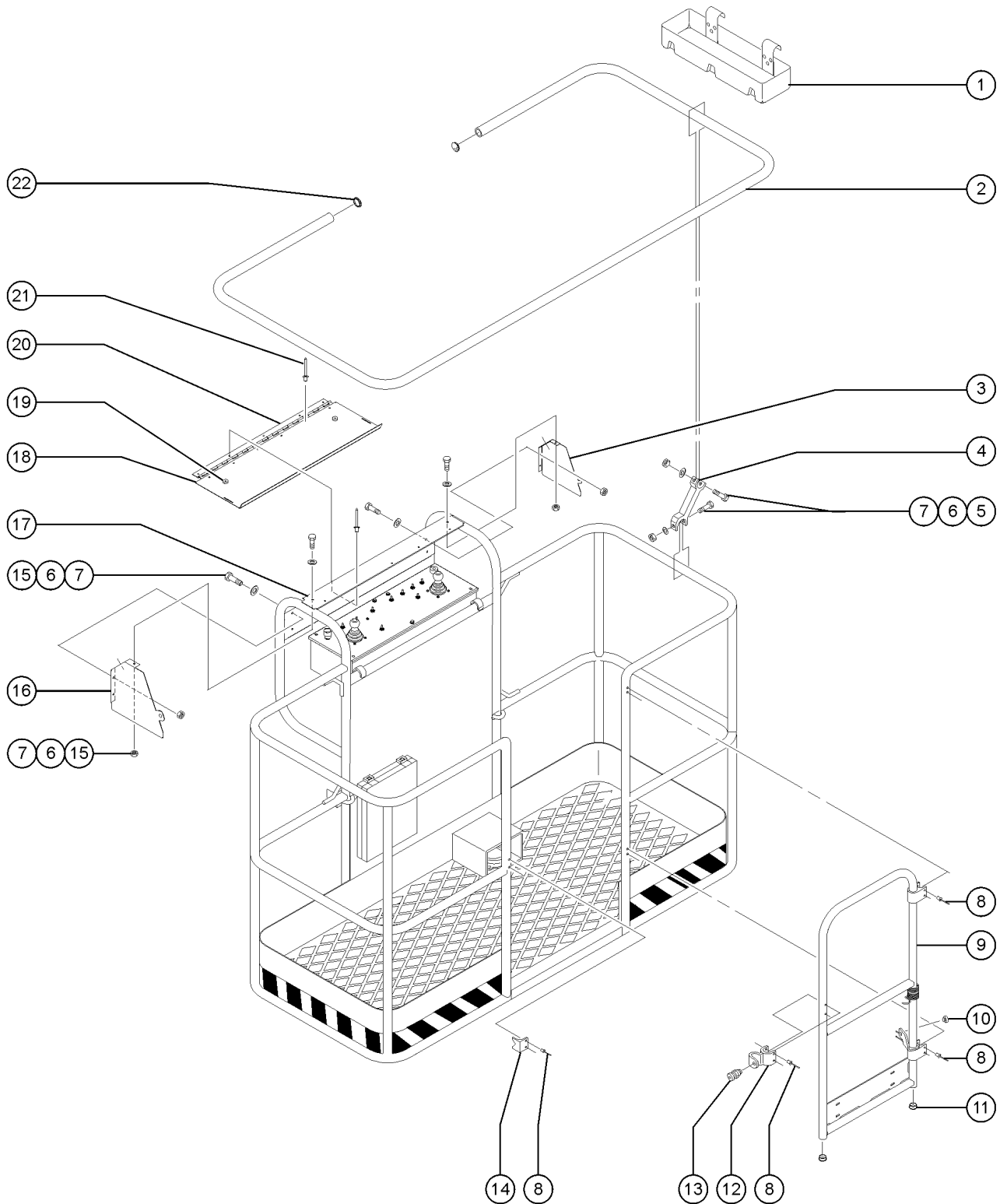
801.1 Alarm and Beacon Package



801.1 Alarm and Beacon Package

Item	Part No.	Description	Qty.
--	30619GT	OPTION,ALARM PKG, STICK BOOM	
1	230392GT	ALARM,DESCENT.....1 <i>Does not include 72326 nut</i>	1
1	72326GT	NUT - PLASTIC,RING FOR ALARMS.....1	1
2	18963GT	ALARM,INTERMITTENT TONE 6-30V*...1 <i>Does not include 72326 nut</i>	1
2	72326GT	NUT - PLASTIC,RING FOR ALARMS.....1	1
3	6066GT	SCREW,RHM,10-32 X .38.....6	6
4	6146GT	WASHER,FLAT,MS,#10,Y.....6	6
5	6178GT	NUT,NYLOCK,10-32.....6	6
6	56704GT	STROBE,FIREBOLT,12-80VDC,AMB**...2 <i>(replaced 20189)</i>	2
--	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
--	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
--	72282GT	LENS,AMBER,STROBE,FIREBOLT	

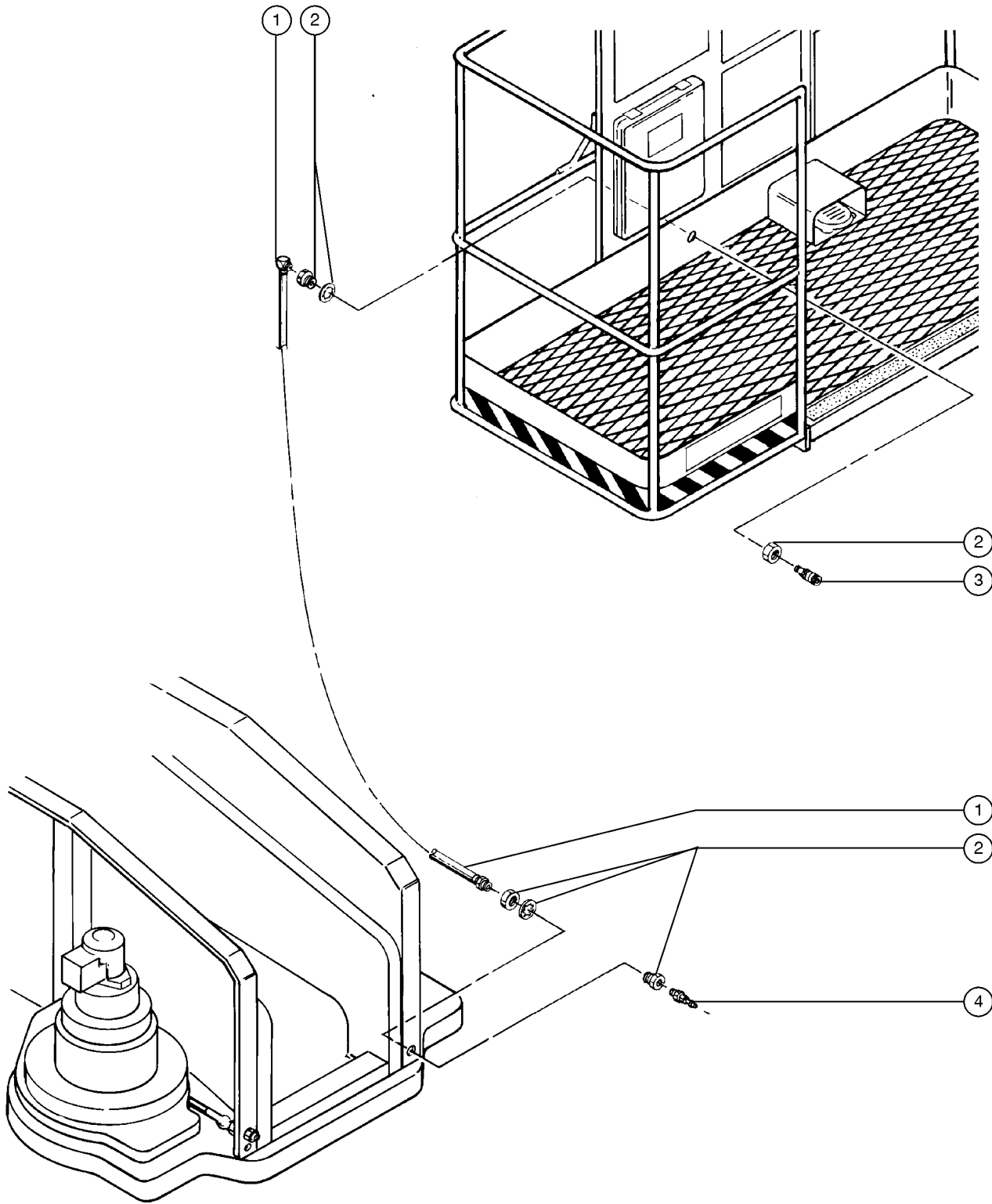
802.1 Platform Options



802.1 Platform Options

Item	Part No.	Description	Qty.
1	9599-SGT	TOOL TRAY ACCESSORY***	1
2	1259704GT	PINCH GUARD RAIL,6' PLATFORM.....1 <i>includes 55753 bumpers</i>	1
--	52661GT	PINCH GUARD RAIL,8' PLATFORM**....1	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
9A	119950GT	KIT,FIELD INSTALL,SWING GATE <i>includes 128368, 1487, 1488, and 33674</i>	
--	1487GT	GATE LATCH CASTING--DRILLED	
--	1488GT	RAILING CATCH CASTING--DRILLED	
--	33674GT	PIN,LOCK,SHORT***	
--	9596GT	HINGE CASTING <i>Special welding requirements for installation of this component. Strongly suggest ordering 128368 OR contact Genie Service for welding requirements.</i>	
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	
--	119642GT	KIT,PLAT CONTROL PANEL GUARD**	
18	89915PGT	COVER,CONTROL BOX LID	
--	119795GT	KIT,CONTROL BOX COVER	
19	43392GT	BUMPER,BATTERY BOX & RAILS	
20	111526GT	HINGE,PLAT CONTROL BOX COVER	
21	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	
22	55753GT	BUMPER, PLASTIC, 1.25 O.D.....	2

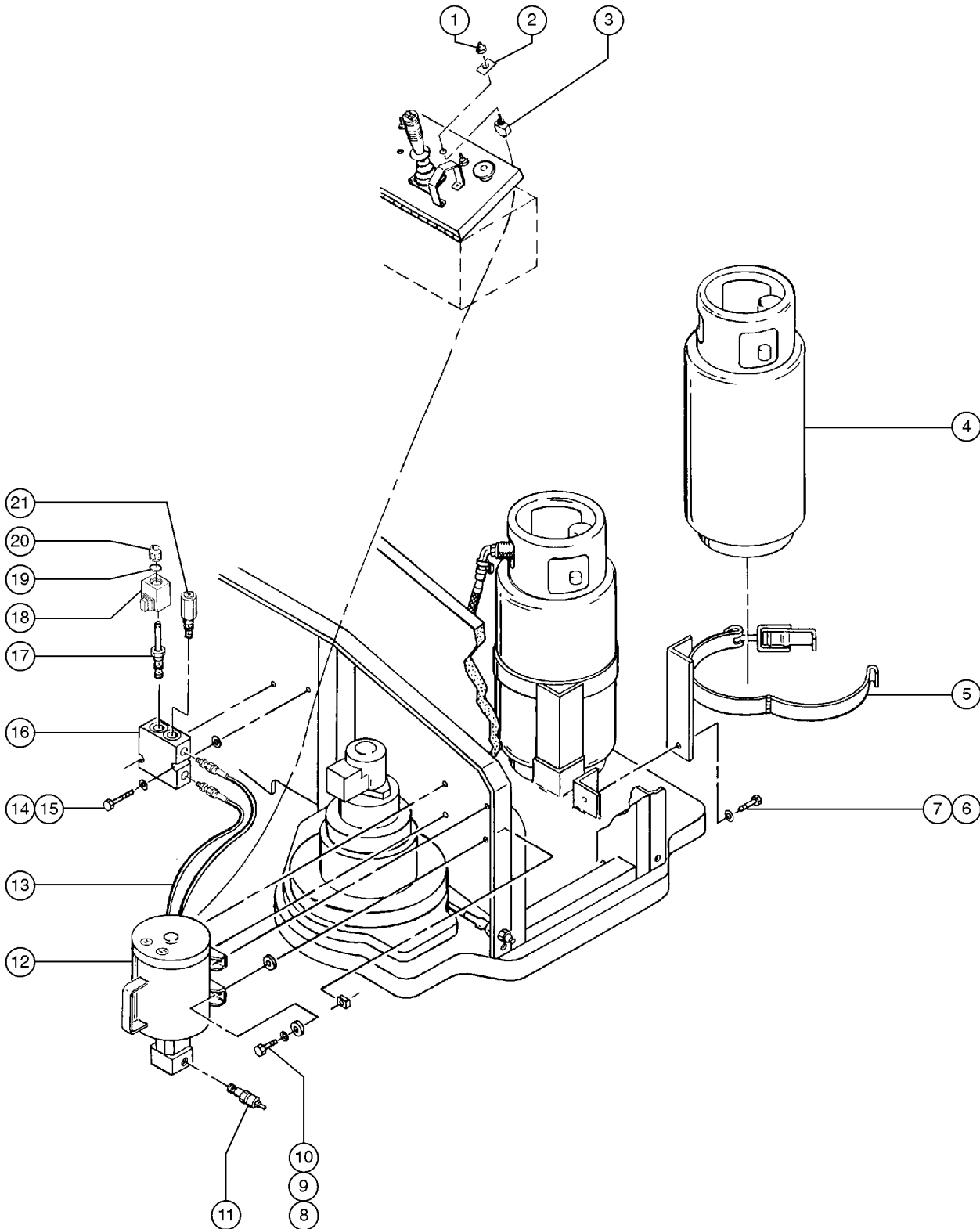
803.1 Airline to Platform



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

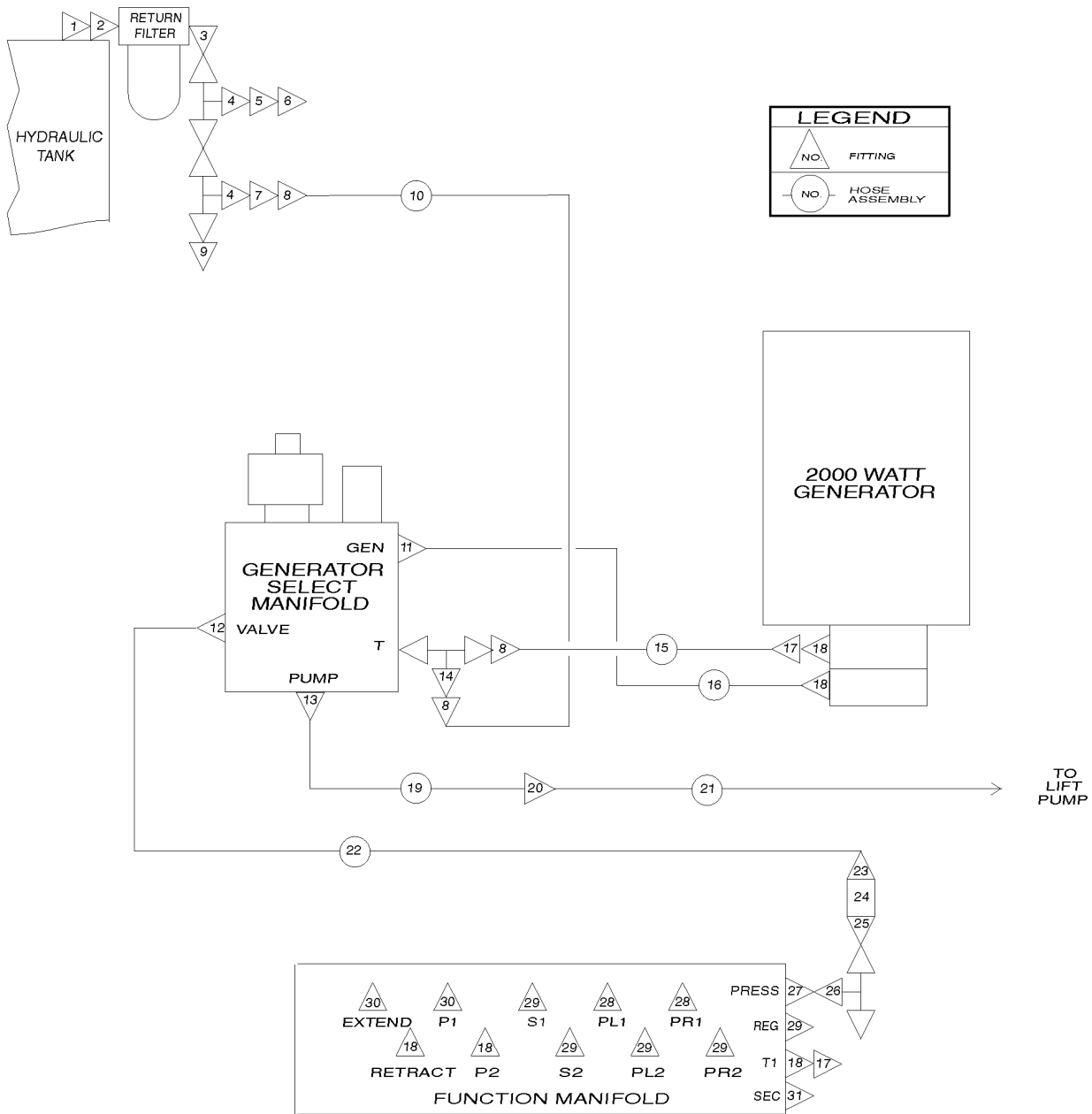
804.1 2000 Watt Generator and Spare LPG Tank



804.1 2000 Watt Generator and Spare LPG Tank

Item	Part No.	Description	Qty.
--	30630GT	S40,60,80SPARE L.P.TANK W/BRKT	
--	46980GT	GEN S60 2000W SERV OPT***	
1	27246GT	BOOT,TOGGLE SWITCH,SHORT*.....1	1
2	32728GT	DECAL,OPTION GENERATOR***.....1	1
3	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT*.....1 <i>includes mounting fasteners</i>	1
4	53605GT	TANK, 7 GAL/33.5 POUND, LP.....1	1
5	30712GT	LP.TANK BRKT WLDMT.,SHORT.....1	1
6	8255GT	SCREW,HHC,3/8-16 X .75.....3	3
7	6021GT	WASHER,LOCK,,.375.....7	7
8	6175GT	SCREW,HHC,3/8-16 X 1.....4	4
9	24947GT	Grommet - Rubber, 3/8 x 7/8 inch.....4	4
10	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG...4	4
11	32735GT	VALVE,PRI. FLOW REG 4.3.....1 <i>for 2000W & 2500W generators</i>	1
12	58301GT	GENERATOR,2000W,HYDRAULIC***.....1 <i>includes index number 11</i>	1
--	32732GT	RECTIFIER ASSEMBLY.....1	1
--	32734GT	BRUSH ASSEMBLY.....1	1
--	32736GT	MOTOR,HYDRAULIC GENERATOR.....1	1
--	58402GT	BRIDGE,50A FULL WAVE**.....1	1
13		Ref. Hydraulic Hoses and Fittings - Generator Option.....1 <i>refer to section 805.1</i>	1
14	4266GT	SCREW,HHC,1/4-20 X 2.....2	2
15	6638GT	WASHER,FLAT,USS,1/4"Y.....4	4
16	53976GT	MANIFOLD,GENERATOR.....1 <i>includes index numbers 17 through 21</i>	1
17	19969GT	VALVE,SOLENOID (18660)***.....1 <i>includes index numbers 18 through 20</i>	1
18	27535GT	COIL,12V.DO1 VALVE.....1	1
19	45914GT	O-RING, DO1 VALVE.....1	1
20	45913GT	NUT,DO1 VALVE.....1	1
21	44950GT	VALVE,RELIEF,1500 PSI***.....1	1

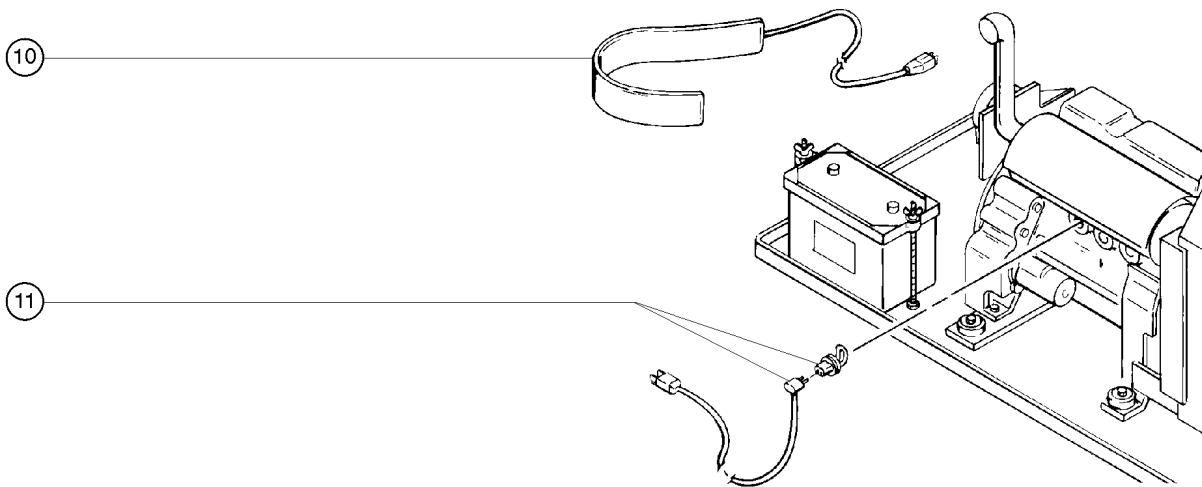
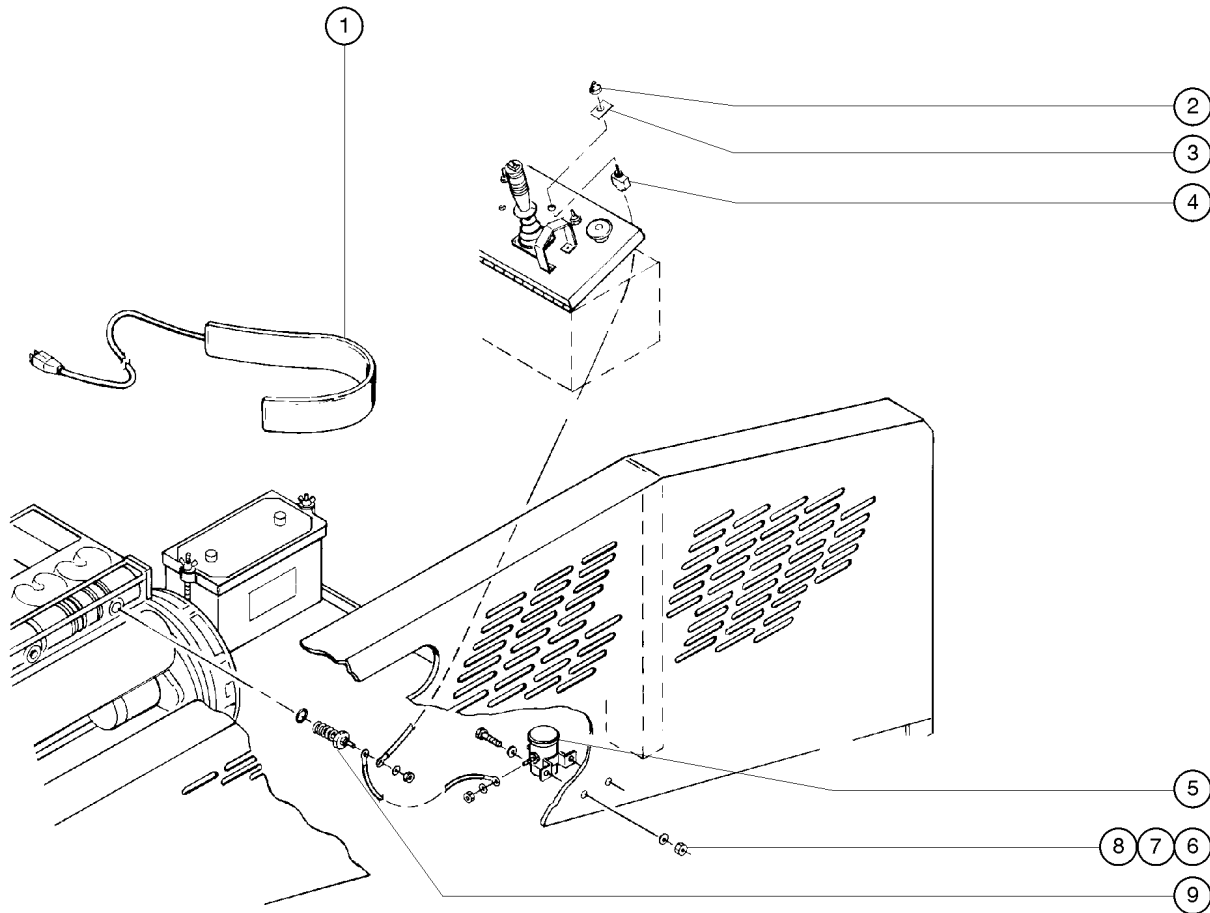
805.1 Hydraulic Hoses and Fittings, 2000 Watt Generator Option



805.1 Hydraulic Hoses and Fittings, 2000 Watt Generator Option

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	33994GT	PLUG AND CAP KIT-SERVICE,37 **		26	22540GT	TEE,BRANCH,070429-8-8.....	1
1	30342GT	ELBOW,140238-16-16.....	1	27	27192GT	ADAPTER,O-RING,G6410-10-8.....	1
2	30343GT	NIPPLE,HEX,140137-16.....	1	28	45412GT	CONNECTOR,070120-6-6.....	2
3	27202GT	ELBOW,070202-12-16.....	1	29	45412GT	CONNECTOR,070120-6-6.....	5
4	20326GT	TEE,RUN,070432-12.....	2	30	32156GT	CONNECTOR,070122-8-8.....	2
5	20022GT	ELBOW,070221-12-12.....	1	31	18687GT	CONNECTOR,070120-6-8.....	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"..... <i>Hose - 1/2" Push On (Weatherhead H20108)</i>	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"..... <i>Hose - 1/2" Push On (Weatherhead H20108)</i>	1				
16	34909GT	HOSE ASSY. 27"..... <i>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)</i>	1				
17	28597GT	HOSE END,BARBED,SWIVEL,90DEG-8.....	2				
18	45703GT	CONNECTOR,070120-8-8.....	5				
19	34910GT	HOSE ASSY. 14"..... <i>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)</i>	1				
20	34948GT	UNION,070101-12-12.....	1				
21	34557GT	HOSE ASSEMBLY, 62"..... <i>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)</i>	1				
22	34912GT	HOSE ASSY,48"..... <i>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)</i>	1				
23	29897GT	ELBOW,070320-12-8.....	1				
24	31798GT	VALVE,CHECK,#8 O-RING PORTS.....	1				
25	31797GT	ADAPTER,6402-8-8.....	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 <i>Deutz Diesel models</i>	
2	27246GT	BOOT,TOGGLE SWITCH,SHORT*.....1 <i>Deutz Diesel models</i>	
3	32726GT	DECAL,OPTION GLOW PLUGS***.....1 <i>Deutz Diesel models</i>	
4	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*.....1 <i>includes mounting fasteners; Deutz Diesel models</i>	
5	27155GT	SOLENOID,12V CONTINUOUS***.....1 <i>Deutz Diesel models</i>	
6	6091GT	NUT,NYLOCK,1/4-20.....2 <i>Deutz Diesel models</i>	
7	6638GT	WASHER,FLAT,USS,1/4"Y.....4 <i>Deutz Diesel models</i>	
8	6888GT	SCREW,HHC,1/4-20 X 1.....2 <i>Deutz Diesel models</i>	
9	31408GT	GLOW PLUG,L1011.....1 <i>Deutz Diesel models</i>	
10	28853GT	BLANKET,BATTERY.....1 <i>Gasoline/LPG models</i>	
11	35610GT	HEATER,FREEZE PLUG,FORD LRG423.....1 <i>Gasoline/LPG models</i>	

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Fitting Cross References

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
12342	6-4 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	42794	1 CR-S	ELBOW,90°,MALE PIPE
13757	4 R6X-S	RUN TEE,SWIVEL NUT,ORFS	42795	BV-0839	BALL VALVE
19685	12-10 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	42796	BV-0838	BALL VALVE
22664	12-10 C5OX	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	42874	6-8 CLO-S	ELBOW,90°,MALE PIPE TO ORFS
27431	8-12 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	42912	13943-6-4	HOSE END,90° FEMALE SWIVEL,JIC
28678	AS-B-33	SLEEVE,NYLON,1.81" ID	42920	BV-0840	BALL VALVE,90°
39871	6 WETX-WLN-S	UNION,90° BULKHEAD W/NUT,FLARE TUBE	42932	AS-B-17	SLEEVE,NYLON,1.22" ID
39872	4 R5OX-S	RUN TEE,STRAIGHT THREAD	42936	10243-2-4	HOSE END,FEMALE PIPE
39873	6 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	42953	1/2 DD-S	ELBOW,90°,FEMALE PIPE
39874	8-6 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	42956	6 WELO-WLNL-S	UNION,90° BULKHEAD W/NUT,ORFS
39875	4-6 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	45349	8 V5OX-S	ELBOW,45°,STRAIGHT THREAD TO FLARE TUBE
39876	6-8 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	45351	4 V5OX-S	ELBOW,45°,STRAIGHT THREAD TO FLARE TUBE
39877	4 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	47223	10343-6-6	HOSE END,MALE,JIC
39878	6 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	47419	PS690503-6-6	SWIVEL,90°,STRAIGHT THREAD TO 37° FLARE
39879	4-8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	48750	421-4	HOSE,1/4 INCH ID
39880	6-10 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	48751	481TC-4	HOSE,1/4 INCH ID
39881	4-6 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	48752	482TC-4	HOSE,1/4 INCH ID
39882	4-HP5ON-S	PLUG,STRAIGHT THREAD	48753	451TC-6	HOSE,3/8 INCH ID
39883	8-8 FTX-S	CONNECTOR,MALE PIPE TO FLARE TUBE	48754	482TC-6	HOSE,3/8 INCH ID
39885	269HB 12-12	ELBOW,90°,BEADED HOSE BARB TO MALE PIPE	48755	381-6	HOSE,3/8 INCH ID
39886	431-6	HOSE,3/8 INCH ID	48756	451TC-8	HOSE,1/2 INCH ID
39887	540N-2	HOSE,1/8 INCH ID	48757	482TC-8	HOSE,1/2 INCH ID
39888	801-8	HOSE,1/2 INCH ID	48758	381-8	HOSE,1/2 INCH ID
39889	801-12	HOSE,3/4 INCH ID	48759	381-10	HOSE,5/8 INCH ID
39890	10643-6-6	HOSE END,FEMALE SWIVEL,JIC	48760	451TC-10	HOSE,5/8 INCH ID
39891	13943-6-6	HOSE END,90° FEMALE SWIVEL,JIC	48761	482TC-12	HOSE,3/4 INCH ID
39892	13743-6-6	HOSE END,45° FEMALE SWIVEL,JIC	48762	451TC-12	HOSE,3/4 INCH ID
39894	30682-8-8	HOSE END,FEMALE SWIVEL,JIC	48763	772-12	HOSE,3/4 INCH ID
39895	30682-10-12	HOSE END,FEMALE SWIVEL,JIC	48764	881-16	HOSE,1 INCH ID
42286	8-8 CTX-S	ELBOW,90°,MALE PIPE TO FLARE TUBE	48765	772-16	HOSE,1 INCH ID
42756	8-12 CLO-S	ELBOW,90,MALE PIPE TO ORFS	48766	AS-B-15	SLEEVE,NYLON,1.06" ID
42757	8-12 FLO-S	CONNECTOR,MALE PIPE TO ORFS	48767	AS-B-22	SLEEVE,NYLON,1.42" ID
42758	4 JLO-S	UNION TEE,ORFS	48770	881-8	HOSE,1/2 INCH ID
42759	4-4 FLO-S	CONNECTOR,MALE PIPE TO ORFS			
42760	6-8 FLO-S	CONNECTOR,MALE PIPE TO ORFS			
42761	1J143-6-4	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
42762	1J743-6-4	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
42768	1JO43-4-4	HOSE END,MALE,SEAL LOK			
42776	601-8	HOSE,1/2 INCH ID			
42777	1J743-16-16	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
42786	16 CLO-S	ELBOW,90°,MALE PIPE TO ORFS			
42787	16 R6LO-S	RUN TEE,SWIVEL NUT,ORFS			
42788	16-8 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS			
42789	6-6 CLO-S	ELBOW,90°,MALE PIPE TO ORFS			
42790	8-10 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			
42791	3/4 CD-S	ELBOW,90°,MALE TO FEMALE PIPE			
42792	3/4 X 1/2 PTR-S	REDUCER,MALE TO FEMALE PIPE			
42793	1/2 CR-S	ELBOW,90°,MALE PIPE			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
48771	881-10	HOSE,5/8 INCH ID	48847	13943-12-12	HOSE END,90° FEMALE SWIVEL,JIC
48772	381-4	HOSE,1/4 INCH ID	48848	10543-12-12	HOSE END,MALE,STRAIGHT THREAD
48773	AS-B-13	SLEEVE,NYLON,.86" ID	48849	1JC71-12-12	HOSE END,FEMALE SWIVEL,SEAL LOK
48800	1JC43-4-4	HOSE END,FEMALE SWIVEL,SEAL LOK	48850	1JS71-12-12	HOSE END,FEMALE SWIVEL,SEAL LOK
48801	1J743-4-4	HOSE END,45° FEMALE SWIVEL,SEAL LOK	48851	1J171-12-12	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48802	1J943-4-4	HOSE END,90° FEMALE SWIVEL,SEAL LOK	48852	1J771-12-12	HOSE END,45° FEMALE SWIVEL,SEAL LOK
48804	1JM43-4-4	HOSE END,MALE,SEAL LOK, NO O-RING	48853	1J971-12-12	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48805	10643-4-4	HOSE END,FEMALE SWIVEL,JIC	48854	1JC43-16-16	HOSE END,FEMALE SWIVEL,SEAL LOK
48806	13943-4-4	HOSE END,90° FEMALE SWIVEL,JIC	48855	1J943-16-16	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48807	1JS43-4-4	HOSE END,FEMALE SWIVEL,SEAL LOK	48856	1J171-16-16	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48808	3JC82-8-8	HOSE END,FEMALE SWIVEL,SEAL LOK	48857	1J971-16-16	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48809	3JC82-12-12	HOSE END,FEMALE SWIVEL,SEAL LOK	48859	1JS43-8-4	HOSE END,FEMALE SWIVEL,SEAL LOK
48810	1JC43-6-4	HOSE END,FEMALE SWIVEL,SEAL LOK	48867	PD36BTL	DIAGNOSTIC NIPPLE,SEAL-LOK SWIVEL
48811	1J943-6-4	HOSE END,90° FEMALE SWIVEL,SEAL LOK	48873	6 PNLO-S	PLUG,TUBE END,ORFS
48812	1JC43-6-6	HOSE END,FEMALE SWIVEL,SEAL LOK	48874	6 PNTX-S	PLUG,FLARE TUBE
48813	1J143-6-6	HOSE END,90° FEMALE SWIVEL,SEAL LOK	48875	6 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48814	1J543-6-6	HOSE END,90° FEMALE SWIVEL,SEAL LOK	48877	4 F5OLO-SW/.025	CONNECTOR,STRAIGHT THREAD TO ORFS, W/.025 ORI
48815	1J743-6-6	HOSE END,45° FEMALE SWIVEL,SEAL LOK	48878	16-12 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
48816	1J943-6-6	HOSE END,90° FEMALE SWIVEL,SEAL LOK	48879	8 C6LO-S	ELBOW,90°,SWIVEL NUT ORFS
48817	1JS43-6-8	HOSE END,FEMALE SWIVEL,SEAL LOK	48880	PD6-285	CAP,DIAGNOSTIC NIPPLE
48818	1J943-8-4	HOSE END,90° FEMALE SWIVEL,SEAL LOK	48881	6 HLO-S	UNION,ORFS
48819	1JC43-8-6	HOSE END,FEMALE SWIVEL,SEAL LOK	48883	8 P5ON-S	PLUG,STRAIGHT THREAD
48820	1J743-8-6	HOSE END,45° FEMALE SWIVEL,SEAL LOK	48884	8M18F87OMLO-S	CONNECTOR,METRIC,STRAIGHT THREAD TO ORFS
48821	1J943-8-6	HOSE END,90° FEMALE SWIVEL,SEAL LOK	48885	4 WGTX-WLN-S	CONNECTOR,BULKHEAD,FEMALE PIPE TO FLARE TUBE
48822	1JC43-8-8	HOSE END,FEMALE SWIVEL,SEAL LOK	48886	4 F5OLO-SW/2MM	CONNECTOR,MACHINED STRAIGHT THREAD TO ORFS
48823	1JS43-8-8	HOSE END,FEMALE SWIVEL,SEAL LOK	48887	4 CTX-S	ELBOW,90°,MALE PIPE TO FLARE TUBE
48824	1J143-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK	48888	10-12 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS
48825	1J543-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK	48890	4 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS
48826	1J743-8-8	HOSE END,45° FEMALE SWIVEL,SEAL LOK	48891	4 S6LO-S	BRANCH TEE,SWIVEL NUT TO ORFS
48827	1J943-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
48828	1JC43-10-8	HOSE END,FEMALE SWIVEL,SEAL LOK			
48829	1JS43-10-8	HOSE END,FEMALE SWIVEL,SEAL LOK			
48830	1J743-10-8	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
48831	1J943-10-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
48833	1JC43-10-10	HOSE END,FEMALE SWIVEL,SEAL LOK			
48834	1J943-10-10	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
48835	1JS43-10-12	HOSE END,FEMALE SWIVEL,SEAL LOK			
48836	1JC43-12-8	HOSE END,FEMALE SWIVEL,SEAL LOK			
48837	1JS43-12-8	HOSE END,FEMALE SWIVEL,SEAL LOK			
48838	1J743-12-8	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
48839	1J943-12-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
48840	1J943-12-10	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
48841	1JC43-12-12	HOSE END,FEMALE SWIVEL,SEAL LOK			
48842	1JO43-12-12	HOSE END,MALE,SEAL LOK			
48843	1J143-12-12	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
48844	1J543-12-12	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
48845	1J743-12-12	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
48846	1J943-12-12	HOSE END,90° FEMALE SWIVEL,SEAL LOK			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
48892	6 C6LO-S	ELBOW,90°,SWIVEL NUT ORFS	48938	8 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48893	6 F5OHAO-S	UNION,STRAIGHT THREAD	48939	8 S6LO-S	BRANCH TEE,SWIVEL NUT TO ORFS
48894	8 WLO-WLNL-S	UNION,BULKHEAD,ORFS	48940	8 WJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
48895	DT-370-MSMO-5	VALVE,CHECK	48941	8-4 TRLO-S	REDUCER,TUBE END TO SWIVEL,ORFS
48896	6 JLO-S	UNION,TEE,ORFS	48942	8-6 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
48897	DT-750-MSMS-5	VALVE,CHECK	48943	8-6 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48898	DT-750-MOMS-5	VALVE,CHECK	48944	8-8 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48899	DT-620-MOMS-5	VALVE,CHECK	48945	8 FTX-S	CONNECTOR,MALE PIPE TO FLARE TUBE
48900	4-6 F5OLO-SW/.035	CONNECTOR,STRAIGHT THREAD TO ORFS, W/.035 ORI	48946	8-10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48902	16-1 AOE4G-S	ELBOW,90° LONG,FEMALE PIPE TO STRAIGHT THREAD	48947	8-12 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
48903	1 FF-S	NIPPLE,PIPE	48948	8-12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48904	4 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	48949	8-16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48905	4 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	48950	10 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
48906	4 R5OLO-S	RUN TEE,STRAIGHT THREAD	48951	10 CC5OLO-S	ELBOW,90° LONG,STRAIGHT THREAD TO ORFS
48907	4 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	48952	10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48908	4 R6LO-S	RUN TEE,SWIVEL NUT,ORFS	48953	10 R5OLO-S	RUN TEE,STRAIGHT THREAD
48909	4 WJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS	48954	10 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS
48910	4 GTX-S W/.030	CONNECTOR,FEMALE PIPE TO FLARE TUBE	48955	10 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48911	4-6 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	48956	10-4 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48912	4-6 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	48957	10-6 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48913	4-6 F5OLO-SW/.030	CONNECTOR,STRAIGHT THREAD TO ORFS, W/.030 ORI	48958	10-12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48914	4-8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	48959	12 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
48915	6 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	48960	12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48916	6 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	48961	12 R5OLO-S	RUN TEE,STRAIGHT THREAD
48917	6 FF5OLO-S	CONNECTOR,LONG,STRAIGHT THREAD TO ORFS	48962	12 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS
48918	6 R5OLO-S	RUN TEE,STRAIGHT THREAD	48963	12 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS
48919	6 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS	48964	12 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48920	6 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	48965	12 CLO-S	ELBOW,90°,MALE PIPE TO ORFS
48921	6 FLO-S	CONNECTOR,MALE PIPE TO ORFS	48966	12 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48922	6-6 FLO-S	CONNECTOR,MALE PIPE TO ORFS	48967	12 JLO-S	UNION TEE,ORFS
48923	6 P5ON-S	PLUG,STRAIGHT THREAD	48968	12 WLO-WLNL-S	UNION,BULKHEAD,ORFS
48925	6 WELO-S	UNION,90° BULKHEAD,ORFS	48969	12 WJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
48926	6-4 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	48970	12 WELO-WLNL-S	UNION,90° BULKHEAD W/NUT,ORFS
48927	6-4 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
48928	6-4 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			
48929	6-8 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS			
48930	6-8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
48931	6-10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
48932	8 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS			
48933	8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
48934	8 FF5OLO-S	CONNECTOR,LONG,STRAIGHT THREAD TO ORFS			
48935	8 R5OLO-S	RUN TEE,STRAIGHT THREAD			
48936	8 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS			
48937	8 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
48971	12 G5G5JG5-S	TEE,FEMALE STRAIGHT THREAD	49612	PKT02586	O-RING KIT (ORFS FITTINGS)
48972	12 XHL6-S	ADAPTER, 37° MALE TO SWIVEL ORFS	49613	PKT06276	PLUG AND CAP KIT-SERVICE,ORFS
48973	12-1/2 F5OG-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD	49728	10143-12-12	HOSE END, MALE PIPE
48974	12-10 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	49729	16-1 F5OG-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD
48975	12-10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	49814	12-8 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48976	12-16 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	49829	DT-500-MOMF-5	VALVE,CHECK
48977	12-16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	49831	881-12	HOSE,3/4 INCH ID
48978	12-16 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	49834	16 JLO-S	UNION TEE,ORFS
48980	12-16 FLO-S	CONNECTOR,MALE PIPE TO ORFS	49838	12-8 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48983	16 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	49840	8 JLO-S	UNION TEE,ORFS
48984	16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	49844	10-8 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48985	16 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	49854	8 P5ON-S	PLUG,STRAIGHT THREAD
48986	16 FLO-S	CONNECTOR,MALE PIPE TO ORFS	49855	1JC43-16-12	HOSE END,FEMALE SWIVEL,SEAL LOK
48988	16 CD45-S	ELBOW,45°,MALE TO FEMALE PIPE	49859	4 P5ON-S	PLUG,STRAIGHT THREAD
48989	12 CD45-S	ELBOW,45°,MALE TO FEMALE PIPE	49861	4 FF5OLO-S	CONNECTOR,LONG,STRAIGHT THREAD TO ORFS
48990	8 CD45-S	ELBOW,45°,MALE TO FEMALE PIPE	49867	12-3/4 F5OG-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD
48991	16-12 FLO-S	CONNECTOR,MALE PIPE TO ORFS	51152	6 R6X-S	RUN TEE,SWIVEL NUT,ORFS
48992	16-12 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	51153	6-4 TRTX-S	REDUCER,TUBE END TO SWIVEL,ORFS
48993	XV501-12	BALL VALVE	51154	4-4 GTX	CONNECTOR,FEMALE PIPE TO FLARE TUBE
48994	XV501-16	BALL VALVE	51264	881-12	HOSE,3/4 INCH ID
48995	XV510P-12	BALL VALVE	51265	8 JLO-S	UNION TEE,ORFS
48996	XV510P-16	BALL VALVE	51508	6 BTX-S	NUT,FLARE TUBE
48997	PD341	DIAGNOSTIC NIPPLE, STRAIGHT THREAD	51580	12-8 TRLO-BL-S	TUBE END REDUCER,ORFS
48998	PD 361	DIAGNOSTIC NIPPLE, STRAIGHT THREAD	51628	6 R6X-S	RUN TEE,SWIVEL NUT,ORFS
48999	DT-500-MOMS-5	VALVE,CHECK	51735	3/8 HHP	PLUG,PIPE THREAD
49201	10 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	51803	1J943-6-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK
49202	1JC43-12-10	HOSE END,FEMALE SWIVEL,SEAL LOK	53023	125HBL-5-4	FITTING,HOSE BARB TO MALE PIPE
49203	10-8 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	53497	PKT02585	O-RING KIT
49205	6 F5OHAO-S	UNION,STRAIGHT THREAD	53499	1JC71-16-16	HOSE END,FEMALE SWIVEL,SEAL LOK
49207	PD34BTL	DIAGNOSTIC NIPPLE,SEAL-LOK SWIVEL	53500	3-904	O-RING,STRAIGHT THREAD,-4
49209	8M18F870MX-S	CONNECTOR,METRIC,STRAIGHT THREAD TO FLARE TUBE	53501	3-906	O-RING,STRAIGHT THREAD,-6
49212	8 WGTX-WLN-S	CONNECTOR,BULKHEAD,FEMALE PIPE TO FLARE TUBE	53502	3-908	O-RING,STRAIGHT THREAD,-8
49213	30682-8-8	HOSE END,FEMALE SWIVEL,JIC	53503	3-910	O-RING,STRAIGHT THREAD,-10
49216	831-8	HOSE,1/2 INCH ID			
49217	33982-8-8	HOSE END,90° FEMALE SWIVEL,JIC			
49219	PS-B-35	SLEEVE,NYLON,2.19" ID			
49418	4-6 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			
49511	DT370-MOMS-5	VALVE,CHECK			
49512	1 DD-S	ELBOW,90°,FEMALE PIPE			
49513	1 FF-S	NIPPLE,PIPE			
49514	10 HP5ON-S	PLUG,STRAIGHT THREAD			
49515	12-16 CLO-S	ELBOW,90°,MALE PIPE TO ORFS			
49517	6 HP5ON-S	PLUG,STRAIGHT THREAD			
49519	16-12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
49520	4 VTX-S	ELBOW,45°,MALE PIPE TO FLARE TUBE			
49530	16 C6LO-S	ELBOW,90°,SWIVEL NUT ORFS			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
53535	3-912	O-RING, STRAIGHT THREAD, -12	61083	24 F5OLO-S	CONNECTOR, STRAIGHT THREAD TO ORFS
53536	4-PNLO-S	PLUG, TUBE END, ORFS	61086	20 R5OLO-S	RUN TEE, STRAIGHT THREAD
53537	6 PNLO-S	PLUG, TUBE END, ORFS	61090	24-20 F5OLO-S	CONNECTOR, STRAIGHT THREAD TO ORFS
53538	8 PNLO-S	PLUG, TUBE END, ORFS	61091	1J943 24-24	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
53539	10 PNLO-S	PLUG, TUBE END, ORFS	61093	1J978-12-12	HOSE END, 90° FEMALE SWIVEL, JIC
53540	12 PNLO-S	PLUG, TUBE END, ORFS	61095	1JS43-20-16	HOSE END, FEMALE SWIVEL, SEAL LOK
53946	129HB-5-4	FITTING, 90° HOSE BARB TO MALE PIPE	61100	811-24	HOSE, 1 1/2 INCH ID
53951	8-1/4F50G-S	ADAPTER, FEMALE PIPE TO STRAIGHT THREAD	61130	1JS43-24-24	HOSE END, FEMALE SWIVEL, SEAL LOK
53980	6 S6LO-S	BRANCH TEE, SWIVEL NUT TO ORFS	61131	1JS78 12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
54132	4 C6LO-S	ELBOW, 90°, SWIVEL NUT ORFS	61132	1J778-12-12	HOSE END, 45° FEMALE SWIVEL, JIC
54135	11343-16-16	HOSE END, MALE SWIVEL, PIPE	61152	139HB-6-4	ELBOW, 45°, BARB TO MALE PIPE
54283	8-10 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS	61251	BV-0750	BALL VALVE
54428	8M18C870MLO-S	ELBOW, 90° METRIC, STRAIGHT THREAD TO ORFS	61259	4 CC5OLO-S	ELBOW, 90° LONG, STRAIGHT THREAD TO ORFS
54803	FS-F-16-10	SLEEVE, FIRE, .96" ID	61260	20-12 TRLO-BL	REDUCER, TUBE END TO SWIVEL, ORFS
54954	10143-2-4	HOSE END, MALE PIPE	61262	12 C6LO-S	ELBOW, 90°, SWIVEL NUT ORFS
55190	3/8 HP-S	PLUG, PIPE THREAD	61263	20 F5OHAO-S	UNION, STRAIGHT THREAD
55448	8 HLO-S	UNION, ORFS	61264	6-10 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS
55839	6 F65OX-S	CONNECTOR, STRAIGHT THREAD TO 37° SWIVEL	61265	6 WNLO-WLNL-S	UNION, BULKHEAD 45°, ORFS
55968	10 C5OX-S	ELBOW, 90°, STRAIGHT THREAD TO FLARE TUBE	61268	4 WNLO-WLNL-S	UNION, BULKHEAD 45°, ORFS
56003	6 CC5OLO-S	ELBOW, 90° LONG, STRAIGHT THREAD TO ORFS	61269	4 WLO-WLNL-S	UNION, BULKHEAD, ORFS
56166	BV-0837	BALL VALVE, 90°	61272	12 AOEL6	ELBOW, 90°, STRAIGHT THREAD TO ORFS SWIVEL
56188	10143-8-6	HOSE END, MALE PIPE	61316	482TC-16	HOSE, 1 INCH ID
56233	2-011	O-RING, ORFS, -4	61321	6 JLO-S	UNION TEE, ORFS
56234	2-012	O-RING, ORFS, -6	61327	782-12	HOSE, 3/4 INCH ID
56235	2-014	O-RING, ORFS, -8	61328	881-24	HOSE, 1 1/2 INCH ID
56236	2-016	O-RING, ORFS, -10	61336	11943-20-24	HOSE END, 90° FLANGE HEAD
56237	2-018	O-RING, ORFS, -12	61345	12 WJLO-WLNL-S	RUN TEE, BULKHEAD, ORFS
56238	2-021	O-RING, ORFS, -16	61346	8 WNLO-WLNL-S 4	UNION, BULKHEAD 45°, ORFS
56352	6 WLNL-S	LOCKNUT, BULKHEAD	61569	33782-8-8	HOSE END, 45° FEMALE SWIVEL, JIC
56353	3J782-12-12	HOSE END, 45° FEMALE SWIVEL, SEAL LOK	61610	12 FF5OLO-S	CONNECTOR, LONG, STRAIGHT THREAD TO ORFS
56354	3J982-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	61742	1/8 X 1.5 FFF	NIPPLE, PIPE
56604	10-8 F5OLO-S	CONNECTOR, STRAIGHT THREAD TO ORFS	63426	8 PNTX-S	PLUG, FLARE TUBE
56639	3JC82-10-10	HOSE END, FEMALE SWIVEL, SEAL LOK			
56640	3J982-10-10	HOSE END, 90° FEMALE SWIVEL, SEAL LOK			
56655	3JC82-8-10	HOSE END, FEMALE SWIVEL, SEAL LOK			
56676	10-8 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS			
56776	471TC-6	HOSE, 3/8 INCH ID			
56777	471TC-8	HOSE, 1/2 INCH ID			
56789	811-16	HOSE, 1 INCH ID			
57884	3/8 FF	NIPPLE, PIPE			
59335	6 FNL-S	CAP, TUBE END			
59342	4 FNL-S	CAP, TUBE END			
59371	8 HP5ON-S	PLUG, STRAIGHT THREAD			
60653	BV-0751	BALL VALVE			
60806	125HB-3-4	FITTING, HOSE BARB TO MALE PIPE			
61064	5-1/4 F50G-S	ADAPTER, FEMALE PIPE TO STRAIGHT THREAD			
61079	4 WELO-WLNL-S	UNION, 90° BULKHEAD W/NUT, ORFS			
61080	6 WLO-WLNL-S	UNION, BULKHEAD, ORFS			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
64271	4 WLO-WLNL-S	UNION,BULKHEAD,ORFS	75631	801-6	HOSE,3/8 INCH ID
64272	6 WLO-WLNL-S	UNION,BULKHEAD,ORFS	75654	20 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
65776	8 F65OL-S	CONNECTOR,STRAIGHT THREAD TO ORFS SWIVEL	75655	1J943-20-20	HOSE END,90° FEMALE SWIVEL,SEAL LOK
65880	6001012	O-RING KIT	75656	881-20	HOSE,1-1/4 INCH ID
66154	6 WTX-WLNS	UNION,BULKHEAD,FLARE TUBE	75971	8 F5OHAO-S	UNION,STRAIGHT THREAD
66155	6 WETX-S	UNION,BULKHEAD 90°,FLARE TUBE	77307	1JB43-8-8	HOSE END,BULKHEAD,SEAL LOK
66156	6 WLN-S	BULKHEAD LOCKNUT	77309	8 WLNL-S	BULKHEAD LOCKNUT
66389	6-8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	77379	8M18C87OMX-S	ELBOW,90° METRIC,STRAIGHT THREAD TO FLARE TUBE
66392	6 R5OX-S	RUN TEE,STRAIGHT THREAD	77703	3J982-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK
66396	811-12	HOSE,3/4 INCH ID	77711	801-10	HOSE,5/8 INCH ID
66829	H3174PP	CLAMP,TUBE	77758	12 WNLO-WLNL-S	UNION,BULKHEAD 45°,ORFS
67217	4 KLO-S	UNION,CROSS,ORFS	78091	6 C6X-S	ELBOW,90°,SWIVEL NUT TO FLARE TUBE
67339	10-6 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	78684	30582-8-8B	HOSE END,PUSH LOK,MALE
67357	13943-8-6	HOSE END,90° FEMALE SWIVEL,JIC	78852	549-2	HOSE,1/8 INCH ID
67358	10 HP5ON-S	PLUG,STRAIGHT THREAD	78855	10657-4-2	HOSE END,FEMALE SWIVEL,JIC
67371	12 S6LO-S	BRANCH TEE,SWIVEL NUT TO ORFS	79138	PS-B-37	SLEEVE,NYLON,2.38" ID
67498	4 FNL-S	CAP, TUBE END	79476	1JS43-6-8	HOSE END,FEMALE SWIVEL,SEAL LOK
67906	DC-370-F0F0-5	VALVE,CHECK	79847	12-3/4 A0EG-S	ELBOW,90°,STRAIGHT THREAD TO FEMALE PIPE
69316	8 FLO-S	CONNECTOR,MALE PIPE TO ORFS	80044	8 CLO-S	ELBOW,90°,MALE PIPE TO ORFS
69333	H3174PP	CLAMP,HYDRAULIC HOSE	80502	8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
69503	4 F65OX-S	CONNECTOR,STRAIGHT THREAD TO 37° SWIVEL	80503	8 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE
69775	8 FNL-S	CAP, TUBE END	81010	AS-B-27	SLEEVE,NYLON,1.63" ID
71038	1/4X1/4F3HG-S	ADAPTER,CONVERSION	83052	821-6	HOSE,3/8 INCH ID
71196	12-8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	83053	821-8	HOSE,1/2 INCH ID
71383	1/4 CD45-S	ELBOW,45°,MALE TO FEMALE PIPE	83054	821-12	HOSE,3/4 INCH ID
72270	12FNL-S	CAP, TUBE END	83055	30682-6-6	HOSE END,FEMALE SWIVEL,JIC
73436	60C-4	SLEEVE,COMPRESSION	83056	30682-12-12	HOSE END,FEMALE SWIVEL,JIC
73437	61C-4	NUT,COMPRESSION	83057	33782-6-6	HOSE END,45° FEMALE SWIVEL,JIC
73438	33482-4-4B	HOSE END,PUSH LOK,MALE	83058	33982-6-6	HOSE END,90° FEMALE SWIVEL,JIC
73767	1CD-S	ELBOW,90°,MALE TO FEMALE PIPE	83060	33982-12-12	HOSE END,90° FEMALE SWIVEL,JIC
73768	20-16-F5OG5-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD	83063	13743-4-4	HOSE END,45° FEMALE SWIVEL,JIC
73769	16-20 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
74660	6-8 F42EDMLO-S	CONNECTOR,MALE BSPP TO ORFS			
74661	8-8 F42EDMLO-S	CONNECTOR,MALE BSPP TO ORFS			
75007	4 FLO-S	CONNECTOR,MALE PIPE TO ORFS			
75008	1/8 HP-S	PLUG,PIPE THREAD			
75014	1/2 HP-S	PLUG,PIPE THREAD			
75042	8 WELO-WLNL-S	UNION,90° BULKHEAD W/NUT,ORFS			
75043	3/4 FF-S	NIPPLE,PIPE			
75254	24 F5OHAO-S	UNION,STRAIGHT THREAD			
75255	12 F5OHAO-S	UNION,STRAIGHT THREAD			
75256	XV506P-24	BALL VALVE			
75574	4 WLNL-S	BULKHEAD LOCKNUT			
75612	8 WJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS			
75613	12-8 F5OG5-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD			
75614	8 CC5OLO-S	ELBOW,90° LONG,STRAIGHT THREAD TO ORFS			
75628	1JB43-4-4	HOSE END,BULKHEAD,SEAL LOK			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
83064	13743-8-8	HOSE END,45° FEMALE SWIVEL,JIC	89449	6 WJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
83065	13743-12-12	HOSE END,45° FEMALE SWIVEL,JIC	89489	4 WJMLO-S	BRANCH TEE,BULKHEAD,ORFS
83066	13943-8-8	HOSE END,90° FEMALE SWIVEL,JIC	89551	1JB43-6-6	HOSE END,BULKHEAD,SEAL LOK
83067	14143-6-6	HOSE END,90° FEMALE SWIVEL,JIC	89552	1JB43-8-8	HOSE END,BULKHEAD,SEAL LOK
83068	14143-8-8	HOSE END,90° FEMALE SWIVEL,JIC	89593	20 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
83069	14143-12-12	HOSE END,90° FEMALE SWIVEL,JIC	94161	8-8 CLO-S	ELBOW,90°,MALE PIPE TO ORFS
83070	772-8	HOSE,1/2 INCH ID	94358	351TC-12	HOSE,3/4 INCH ID
83071	10671-8-8	HOSE END,FEMALE SWIVEL,JIC	94418	20 FLO-S	CONNECTOR,MALE PIPE TO ORFS
83072	10671-12-12	HOSE END,FEMALE SWIVEL,JIC	96358	12 TX-S	SLEEVE,FLARE TUBE
83073	13771-8-8	HOSE END,45° FEMALE SWIVEL,JIC	96359	12 BTX-S	NUT,FLARE TUBE
83074	13771-12-12	HOSE END,45° FEMALE SWIVEL,JIC	96397	8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
83075	13971-8-8	HOSE END,90° FEMALE SWIVEL,JIC	96398	12-8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
83076	13971-12-12	HOSE END,90° FEMALE SWIVEL,JIC	96402	10343-6-6	HOSE END,MALE,JIC
83077	14171-8-8	HOSE END,90° FEMALE SWIVEL,JIC	96407	30382-6-6B	HOSE END,MALE,JIC
83078	14171-12-12	HOSE END,90° FEMALE SWIVEL,JIC			
83080	13943-16-16	HOSE END,90° FEMALE SWIVEL,JIC			
83103	10671-16-12	HOSE END,FEMALE SWIVEL,JIC			
83104	10671-10-12	HOSE END,FEMALE SWIVEL,JIC			
83112	1JC71-8-8	HOSE END,FEMALE SWIVEL,SEAL LOK			
83113	1JS71-16-12	HOSE END,FEMALE SWIVEL,SEAL LOK			
83114	1JS71-10-12	HOSE END,FEMALE SWIVEL,SEAL LOK			
83115	1J971-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
83116	1J171-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
83117	1J771-8-8	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
83127	1J543-6-8	HOSE END,90° FEMALE SWIVEL,JIC			
83128	1JC43-6-8	HOSE END,FEMALE SWIVEL,SEAL LOK			
87033	12-6 TRLO-S	REDUCER,TUBE END TO SWIVEL,ORFS			
87034	3J782-8-8	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
87172	12 HP5ON-S	PLUG,STRAIGHT THREAD			
87185	8 WNLO-WLNL-S	UNION,BULKHEAD 45°,ORFS			
87246	4 C6X-S	ELBOW,90°,SWIVEL NUT TO FLARE TUBE			
87679	6 LHP-S	FLANGE SEAL FITTING, MALE			
87681	6PLS N0702	BONDED SEAL			
88100	SR88100	ADAPTER,OIL DRAIN,GM 3.0L			
88311	1JS43-20-20	HOSE END,FEMALE SWIVEL,SEAL LOK			
88353	20 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			
88474	10081-20	Crimp Shell, 1.25"			
88475	1988-20-24	HOSE END,90° FLANGE HEAD			
88476	JS88-24-24	HOSE END,FEMALE SWIVEL,SEAL LOK			
88477	1JC88-20-20	HOSE END,FEMALE SWIVEL,SEAL LOK			
88478	811-20	HOSE,11/4 INCH ID			
88936	20-16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
88937	20-16 FLO-S	CONNECTOR,MALE PIPE TO ORFS			
88938	1JC88-16-16	HOSE END,FEMALE SWIVEL,SEAL LOK			
88939	1J988-16-16	HOSE END,90° FEMALE SWIVEL,ORFS			
88940	811-16	HOSE,1 INCH ID			
88944	1J988-20-20	HOSE END,90° FEMALE SWIVEL,ORFS			
89403	16 VLO-S	ELBOW,45°,MALE PIPE TO ORFS			

California Proposition 65



WARNING

Operating, servicing and maintaining this equipment 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.

Parts Manual

S-60, S-65

from SN 653 to 2574

Part No.
34477

Rev C38

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