



Parts Manual

Serial Number Range

S-80

to SN 965

S-85

Part No. 34033

Rev C22

January 2015

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:

<http://www.genielift.com>

e-mail: awp.techpub@terex.com

Serial Number Information

Genie offers the following Parts Manuals for these models:

Title	Part No
Genie S-80 and S-85 Parts Manual (to serial number 965)	34033
Genie S-80 and S-85 Parts Manual (from serial number 966 to 3081)	65615
Genie S-80 and S-85 Parts Manual (from serial number 3082 to 7999)	77810
Genie S-80 and S-85 Parts Manual (from serial number 8000)	111335

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First Edition, Third Printing

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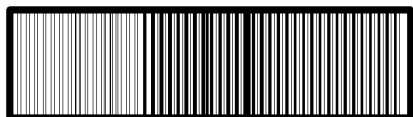
Model: S-80**Serial number:** S8006-12345**Model year:** 2008 **Manufacture date:** 07/05/08**Electrical schematic number:** ES0274**Machine unladen weight:****Rated work load (including occupants):** 500 lb / 227 kg**Maximum number of platform occupants:** 2**Maximum allowable side force :** 150 lb / 670 N**Maximum allowable inclination of the chassis:**

0 deg

Maximum wind speed : 28 mph/ 12.5 m/s**Maximum platform height :** 80 ft/ 24.38 m**Maximum platform reach :** 72 ft 5 in/ 22.07 m**Gradeability:** N/A**Country of manufacture:** USA**This machine complies with:**

ANSI A92.5

CAN B.354.4

Terex South Dakota, Inc.**18340 NE 76th Street****Redmond, WA 98052****USA**

111111111111

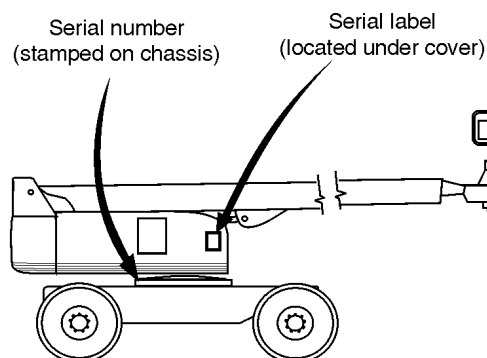
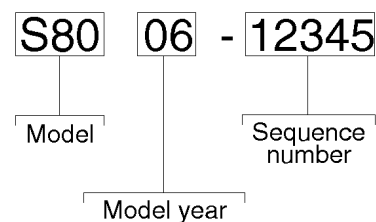


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Electronic Version

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Required Parts

The following parts are required to perform maintenance procedures as outlined in the *Genie S-80 and S-85 Service Manual*.

Deutz F4L-1011F Models

Description	Part No.
Air Filter	27916
Fuel/water Separator Filter	29560
Engine Oil Filter	29561
V-Belt	29554

Ford LRG-425 Models:

Description	Part No.
Fuel Filter	28662
Engine Oil Filter	28656
Air Filter	27916
V-Belt	28652
PCV Valve	33538
Spark Plug	28647

Recommended Parts

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

Manuals

Genie Industries offers the following support documents for these models:

Title	Part No.
Genie S-80 and S-85 Operator's Manual (to serial number 487)	34031
Genie S-80 and S-85 Operator's Manual (from serial number 488 to 3081)	43650
Genie S-80 and S-85 Service Manual (to serial number 785)	72062
Genie S-80 and S-85 Service Manual (from serial number 786 to 965)	72062
EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5	31779

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.

North America

Telephone (425) 556-6551
 Toll Free (877) 367-5606 in U.S.A. and Canada
 Fax (425) 556-8659
 Toll Free Fax (888) 274-6192

Europe

Parts Telephone (31) (165) 519 313
 Parts Fax (31) (165) 511 148

Australia

Parts Telephone (61) (7) 3456 4444
 Parts Fax (61) (7) 3456 4466

South America

Parts Telephone (55) (11) 4082 5600
 Parts Fax (55) (11) 4082 5630

Machine Information

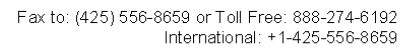
Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number



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

Optional Equipment _____

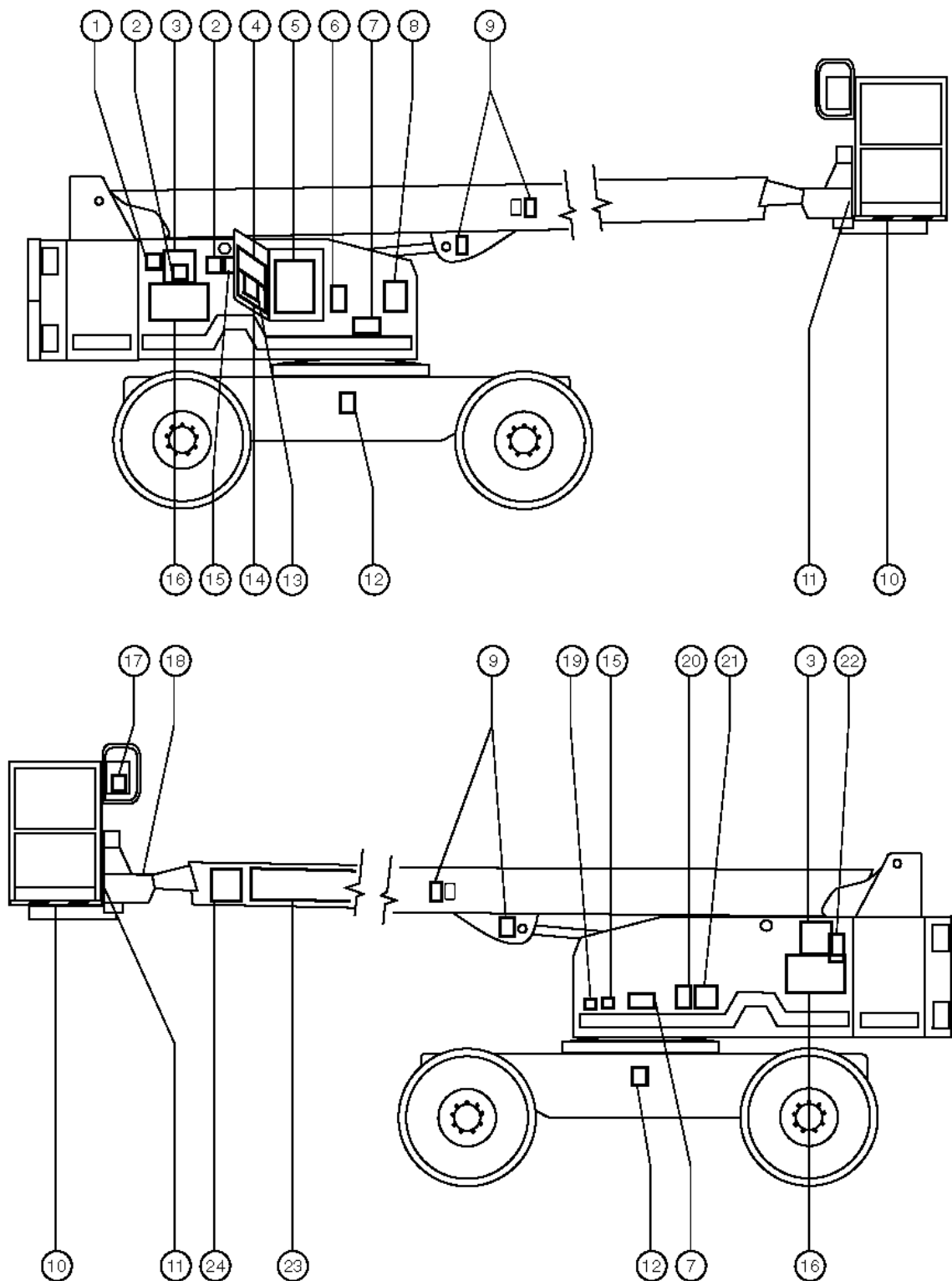
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☐ Ship complete order only - No back orders

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

☐ Other (please specify)

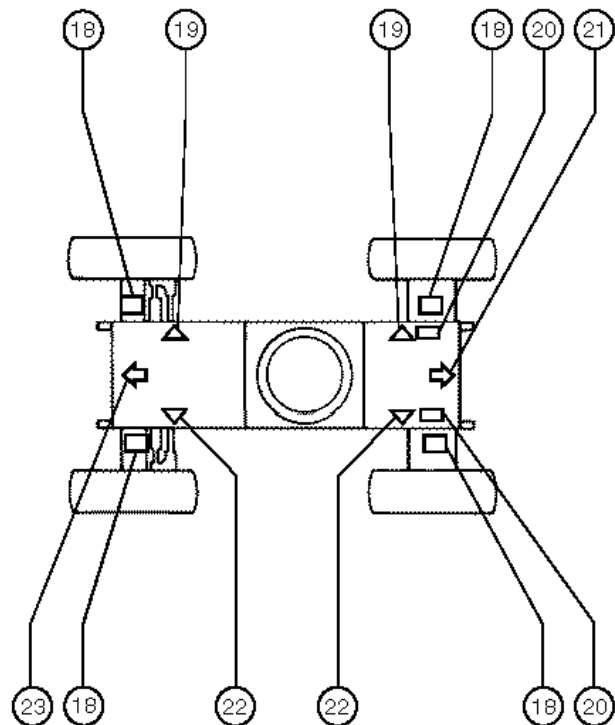
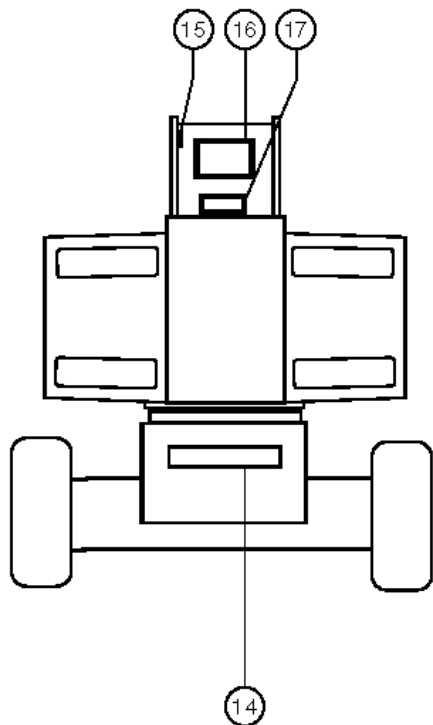
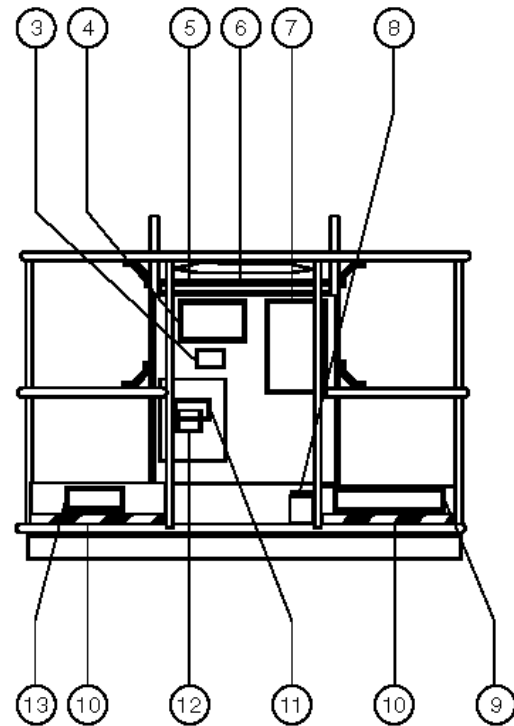
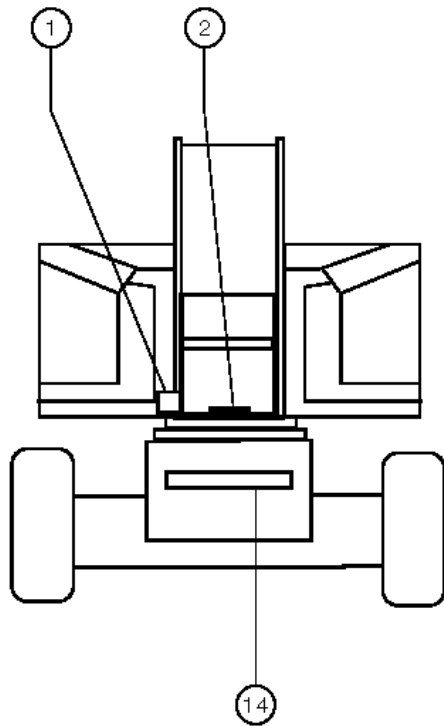
101.1 Decals - View 1



101.1 Decals - View 1

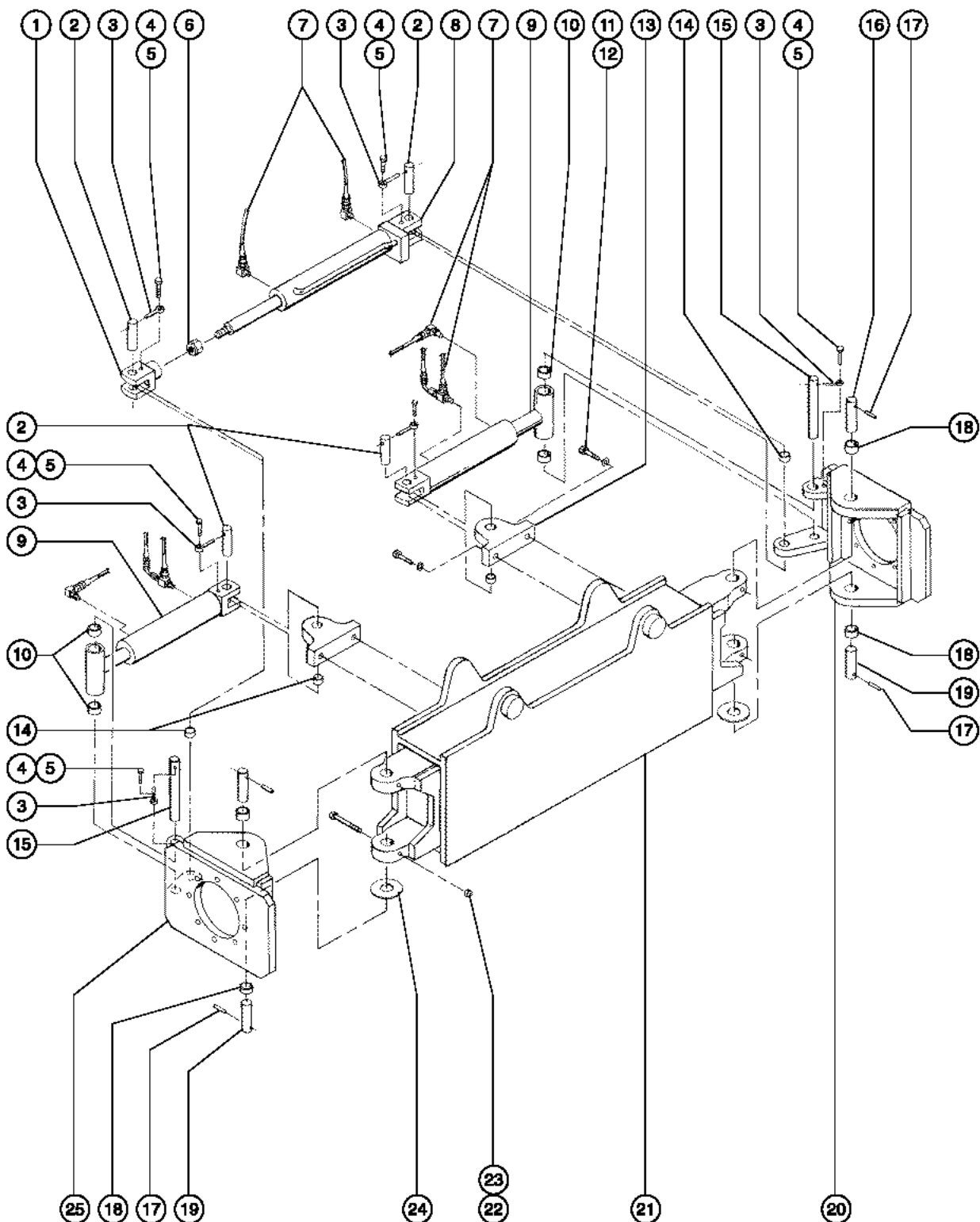
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	1268	PAINT,AEROSOL,GENIE GRAY***		18	28181	DECAL,WARN,FALL HAZARD.....1	
--	1484	PAINT,AEROSOL,BRIGHT BLUE***		19	28160	DECAL,LABEL,LIQUID PROPANE.....1	
--	32150	PAINT,WET,GENIE BLUE (1 GL)**		20	28164	DECAL,NOTICE,HAZARDOUS MAT'LS*.....1	
--	32151	PAINT,WET,GENIE GRAY (1 GL)**		21	28175	DECAL,COMPARTMENT ACCESS.....1	
--	33483	DECAL KIT,SAFETY/INSTRUCTIONAL <i>kit does not include index numbers 2, 3, 8, 10, 16, 17, 19, 22 and 23</i>		22	29780	DECAL,NOTICE,DEUTZ ENGINE SPEC.....1	
--	34034	DECAL KIT,COSMETIC,S80		22	32703	DECAL,NOTICE, LSG ENG SPECS.....1	
--	34661	DECAL KIT,COSMETIC,S85		--	29780	DECAL,NOTICE,DEUTZ ENGINE SPEC.....1	
1	28157	DECAL,USE DEXRON***.....1		23	32930	DECAL,COSMETIC,S80,LARGE.....1	
2	28158	DECAL,LABEL,UNLEADED GAS ONLY.....2		23	33461	DECAL,COSMETIC,S85,LARGE.....1	
--	28159	DECAL,DIESEL.....2		24	33460	DECAL,COSMETIC,STRIPES,WHITE.1	
3	32744	DECAL,S, BLUE, BLACK.....2					
4	32702	DECAL,NOTICE,OPERATING INSTRN.....2					
5	32992	DECAL,GROUND CONTROL PANEL.....1					
6	25994	DECAL,NOTICE,SHUTOFF VALVES.....1					
7	27564	DECAL,DANGER,ELEC.HAZ.STAY CLR.....3					
8	33463	SERIAL NUMBER PLATE, S-85.....1					
8	77046	SERIAL # LABEL,MYLAR 4X8***.....1					
9	28161	DECAL,WARN,CRUSH HAZARD HAND.....6					
10	33550	TAPE,WARNING,BLK/YEL, 50'***					
11	28177	DECAL,WARN,CRUSH HAZARD PLAT.....2					
12	32999	DECAL,NOTICE,TIRE PRESSURE.....2					
13	32932	DECAL,DANGER,TIPOVER,AXLES.2					
14	97890	DECAL,DANGER,GEN SAFETY RULES.....2					
15	28171	DECAL,DANGER,NO SMOKING***.....2					
16	30406	DECAL"GENIE 2 WD" WHITE.....2					
16	30407	DECAL,GENIE 4 WD, WHITE.....2					
--	30407	DECAL,GENIE 4 WD, WHITE.....2					
17	28174	DECAL,POWER TO PLATFORM 230V.....2					
--	28235	DECAL,POWER TO PLATFORM 115V.....2					

102.1 Decals - View 2



Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	1268	PAINT,AEROSOL,GENIE GRAY***		16	33462	DECAL,COSMETIC,S85,SMALL.....1	
--	1484	PAINT,AEROSOL,BRIGHT BLUE***		17	27564	DECAL,DANGER,ELEC.HAZ.STAY CLR.....3	
--	32150	PAINT,WET,GENIE BLUE (1 GL)**		18	32997	DECAL,WARNING,HAND/FOOT CRUSH.....4	
--	32151	PAINT,WET,GENIE GRAY (1 GL)**		19	27207	DECAL,TRIANGLE,YELLOW.....2	
--	33483	DECAL KIT,SAFETY/INSTRUCTIONAL <i>kit does not include index numbers 1, 2, 6, 9, 10, 14 and 16</i>		20	32996	DECAL,NOTICE,EXT AXLE OPER.....2	
--	34034	DECAL KIT,COSMETIC,S80		21	27205	DECAL,ARROW YELLOW LRG 9".....1	
--	34661	DECAL KIT,COSMETIC,S85		22	27206	DECAL,TRIANGLE,BLUE.....2	
1	28174	DECAL,POWER TO PLATFORM 230V.....2		23	27204	DECAL,ARROW BLUE.....1	
--	28235	DECAL,POWER TO PLATFORM 115V.....2					
2	28161	DECAL,WARN,CRUSH HAZARD HAND.....1					
3	32932	DECAL,DANGER,TIPOVER,AXLES.2					
4	32702	DECAL,NOTICE,OPERATING INSTRN.....2					
5	32941	DECAL,PLATFORM CTRL PANEL ***.....1					
6	32726	DECAL,OPTION GLOW PLUGS***.....1					
--	133518	DECAL, PATCH, GEN,ALC-500.....1					
7	97890	DECAL,DANGER,GEN SAFETY RULES.....2					
8	28165	DECAL,INSTRUCT,FOOTSWITCH OPER.....1					
9	30080	DECAL,NOTICE,MAX LOAD 500 LBS.....1					
9	32998	DECAL,NOTICE,MAX LOAD 600 LBS.....1					
--	32998	DECAL,NOTICE,MAX LOAD 600 LBS.....1					
10	33550	TAPE,WARNING,BLK/YEL, 50'***.....1					
11	28236	DECAL,WARN,IMPROPER OPERATION.....1					
12	28176	DECAL,LABEL,MANUAL NOT HERE.....1					
13	97887	DECAL,INSTR,MAX SIDE FRC,ANSI.....1					
14	52968	DECAL,COSMETIC,GENIE BOOM,VERT.....2					
15	31060	DECAL,DANGER DO NOT ALTER SWTC.....1					
16	32931	DECAL,COSMETIC,S80,SMALL.....1					

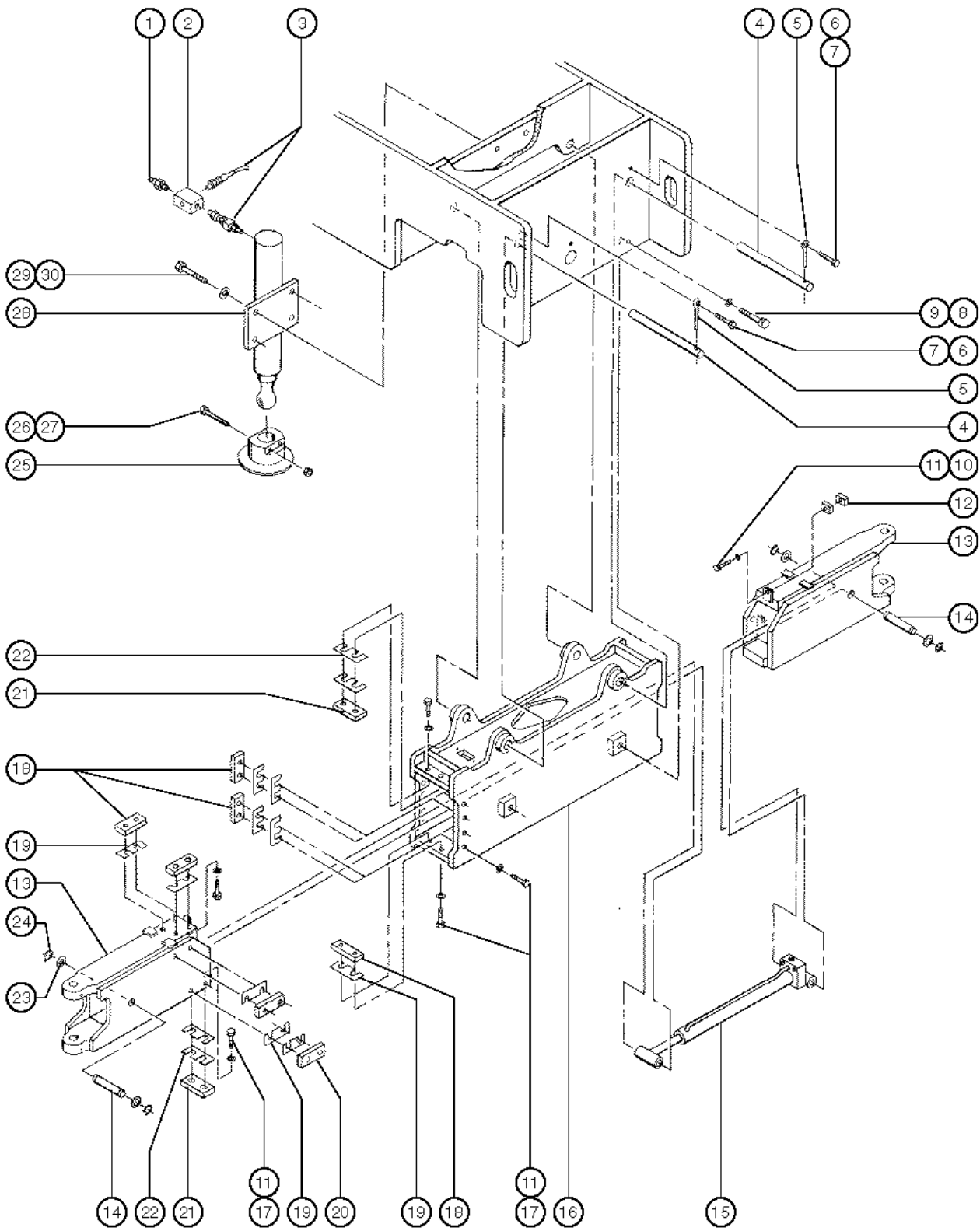
201.1 2WD Steer Axle Steering Linkage



201.1 2WD Steer Axle Steering Linkage

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34290P	ADJUSTMENT LUG,1.25-7 PNTD...	1	24	45074	WASHER,THRUST,1.5 X 3.5 X .187.....	2
2	34276	PIN,1.25DIA X 3.37LG,1HOLE.....	4	25	33427	YOKE ASSEMBLY,RIGHT SIDE,4WD.....	1
3	25284	ROD END,.375 X 2.25***.....	6			<i>includes index numbers 14 and 18</i>	
4	6175	SCREW,HHC,3/8-16 X 1.....	12				
5	6021	WASHER,LOCK,.375.....	12				
6	27953	NUT,HEX,JAM,1.25-7.....	1				
7		Ref. Hydraulic Hoses & Fittings (refer to figure 208.1 or 209.1).....	1				
8	81993	CYLINDER,TIE ROD, S80/S85.....	1				
--	31078	SEAL KIT,HYDRAULIC CYLINDER***.....	1				
--	33428	VALVE,COUNTERBALANCE.....	1				
9	88348	CYLINDER,STEER S80/85.....	2				
		<i>includes 2 each index number 10</i>					
--	31078	SEAL KIT,HYDRAULIC CYLINDER*** (use with cylinder 34128)					
--	59050	SEAL KIT,2.5" BORE,1.5" ROD*** (use with cylinder 59101)					
--	88349	SEAL KIT,STEER CYL***.....	2				
		<i>(use with cylinder 88348)</i>					
10	25683	BEARING,POLYGON,20DU12.....	4				
		<i>(for 34128 cylinder)</i>					
10	59266	BEARING, POLYGON P2055 (59105) <i>(for 59101 and 88348 cylinders)</i>					
11	22202	SCREW,SHC,1/2-13 X 2.25 ***.....	4				
12	6033	WASHER,LOCK,0.5".....	4				
13	34196P	LUG,FRONT AXLE STEERING,PAINT.....	2				
14	34245	BEARING,1.25IDX1.50X1.25L.....	4				
15	34275	PIN,1.25DIA X 10.18LG,1HOLE.....	2				
16	34274	PIN,KING, TOP,5.88 X 1.5 INCHES.....	2				
17	6174	PIN,ROLL,.5 X 1.5.....	4				
18	119619	BEARING,1.5IDX1.75ODX1.5L,PTFE.4					
19	30736	PIN,1.50 DIA X 4.76 LG.GES1360...2					
20	33426	YOKE ASSEMBLY,LEFT SIDE,4WD.....	1				
		<i>includes index numbers 14 and 18</i>					
21		Ref. Extendable Steer Axle Installation (refer to figure 202.1).....	1				
22	6086	NUT,LP NYLOCK,1/2-13.....	4				
23	8220	SCREW,HHC,1/2-13 X 4.....	4				

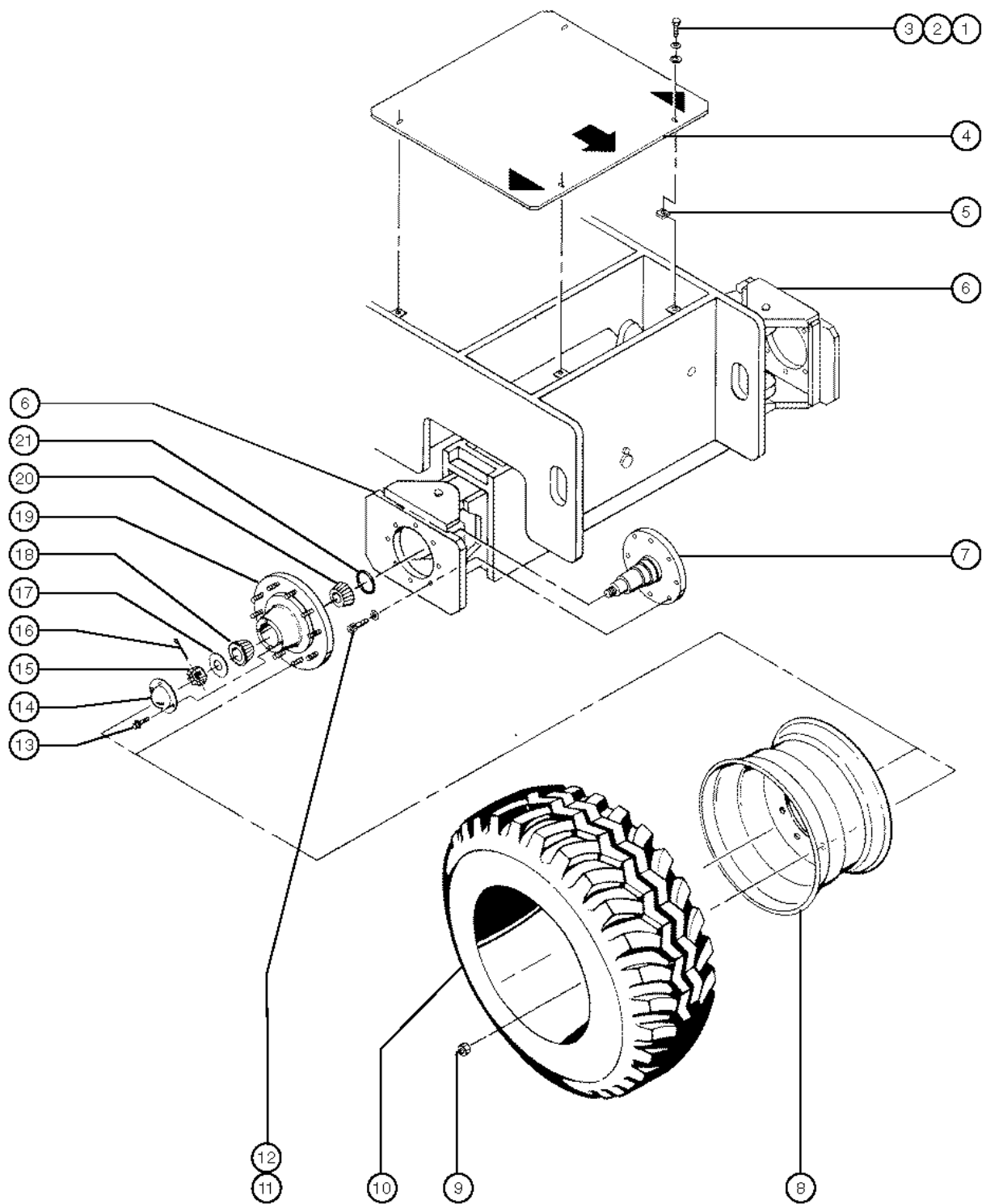
202.1 2WD Extendable Steer Axle Installation



202.1 2WD Extendable Steer Axle Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	33549	VALVE,COUNTERBAL.CBCH-LJN..1		28	63220	CYLINDER,JACK***.....1	
2	34751	VALVE,COUNTERBALANCE-SUN..1 <i>includes index number 1</i>		--	33537	SEAL KIT,HYDRAULIC CYLINDER.....1	
3		Ref. Hydraulic Hoses & Fittings (refer to figure 308.1).....1		29	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....4	
4	30731	PIN,PRIM.Boom,16.0 X 1.5 INCH.....2		30	6036	WASHER,LOCK,,625 PLTD.....4	
5	30418	ROD END,.50 X 4.....2		Footnotes			
6	6096	SCREW,HHC,1/2-13 X 2 GR5.....2		1: Quantity listed for this item is approximate. Actual quantity may vary, to ensure proper fit.			
7	6086	NUT,LP NYLOCK,1/2-13.....2					
8	45066	SCREW,SHC,5/8-11 X 2.25.....1					
9	13064	WASHER,FLAT,.625 HARDENED....1					
10	14033	SCREW,HHC,3/8-16 X 2.75.....2					
11	6021	WASHER,LOCK,,.375.....26					
12	34723P	TAP BLOCK,AXLE ADJ.PNTD.....4					
13	40667	WLDT,INN FR AXLE RH MACHINED.....2					
14	34277	PIN,1.00DIA X 6.71LG,2RING.....2					
15	63217	CYLINDER,AXLE EXTENSION,FRONT.....1					
--	33431	SEAL KIT,HYDRAULIC CYLINDER.....1					
16	34064	WELDMENT,OUTER FRONT AXLE.....1					
17	8516	SCREW,HHC,3/8-16 X 1.50,GR5.....24					
18	34125	WEAR PAD,5 X 1.5 X .75 W/NUTS.....14					
19	34344	SHIM,SIDE PAD 16GA. 3 X 5.....22 1					
20	34207	WEAR PAD,5 X 1.5 X .75.....8					
21	34206P	PAD,AXLE COMPRESSION,PAINTED.....4					
22	34343	SHIM,SIDE PAD 16GA,.44 SLOT.....8 1					
23	30748	WASHER,SHIM,1.01 X 1.63 X.062.....4					
24	44662	SNAP RING,EXTERNAL,1.00 DIA.....4					
25	34772	CASTING,JACK FT/PAD PAINTED.....1					
26	12981	SCREW,HHC,3/8-16 X 4.5					
27	4828	NUT,NYLOCK,3/8-16.....1					

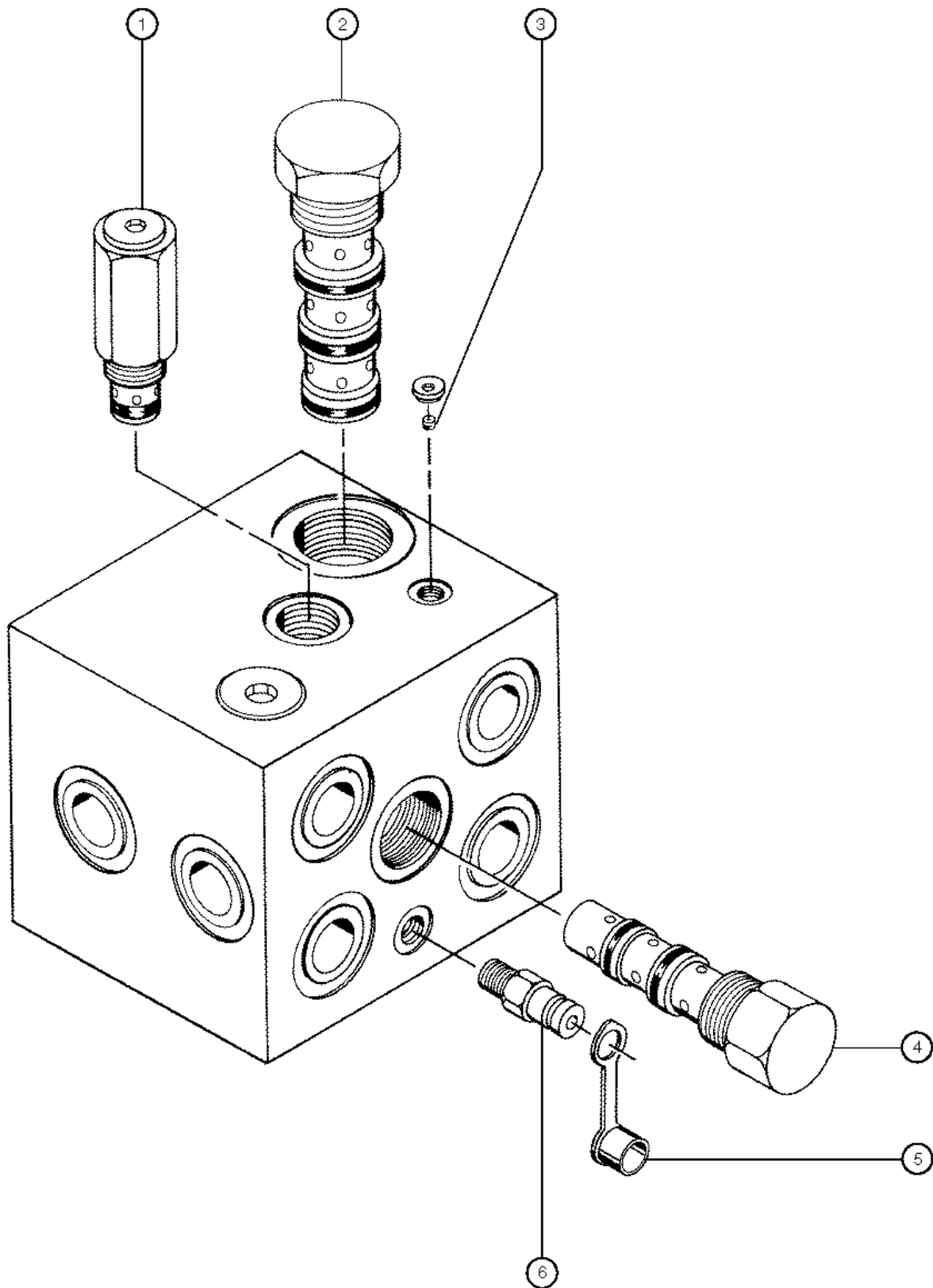
203.1 2WD Steering Wheels and Hubs



203.1 2WD Steering Wheels and Hubs

Item	Part No.	Description	Qty.
1	6090	SCREW,HHC,1/4-20 X .75.....	4
2	6356	WASHER,LOCK,.25.....	4
3	6638	WASHER,FLAT,USS,1/4"Y.....	4
4	33448	COVER W/DECALS,DR.CHAS.STR.END.....	1
5	56912	SPRING CLIP,1/4-20,.025-.15X.5.....	4
6		Ref. 2WD Steer Axle (refer to figures 201.1 or 202.1).....	4
7	34018	WLDMT.HUB ADAPTER 2WD S80.....	2
8	73190	WHEEL, 22.5 X 11.75 S80 for 81528, 81529	
9	34127	NUT,LUG,3/4-16 X 7/8 RADIUS.....	20
10A	81528	TIRE & WHEEL ASSY,AIR,RH,S80..... <i>RT, Air-filled, right</i>	1
10A	81529	TIRE & WHEEL ASSY,AIR,LH,S80... <i>RT, Air-filled, left</i>	1
--	81527	TIRE,15-22.5,16 PLY,HAULER S80 for 81528, 81529	
10B	81530	TIRE & WHEEL ASSY,FOAM RH,S80 <i>RT, Foam-filled, right</i>	
10B	81531	TIRE & WHEEL,ASSY,FOAM LH,S80 <i>RT, Foam-filled, left</i>	
11	28118	SCREW,SHC,1/2-13 X 2.75.....	16
12	13066	WASHER,FLAT,.5 HARDENED.....	16
13	18506	5/16-18 X .75 LG.FLG.LCK.SCREW.....	8
14	73082	CAP,DUST.....	2
15	34627	NUT,SPINDLE,2.00-12.....	2
16	34628	PIN,COTTER,.375 X 3.5.....	2
17	34626	WASHER,FLAT,2.0 X 4.5 X .25.....	2
18	73080	BEARING,OUTER CONE.....	2
19	73075	HUB ASSY W/RACES.....	2
--	73076	HUB RACE,INNER.....	2
--	73077	HUB RACE, OUTER.....	2
--	73078	STUD,WHEEL,3/4-16.....	2
20	73079	BEARING, INNER CONE.....	2
21	94794	SEAL,GREASE.....	2

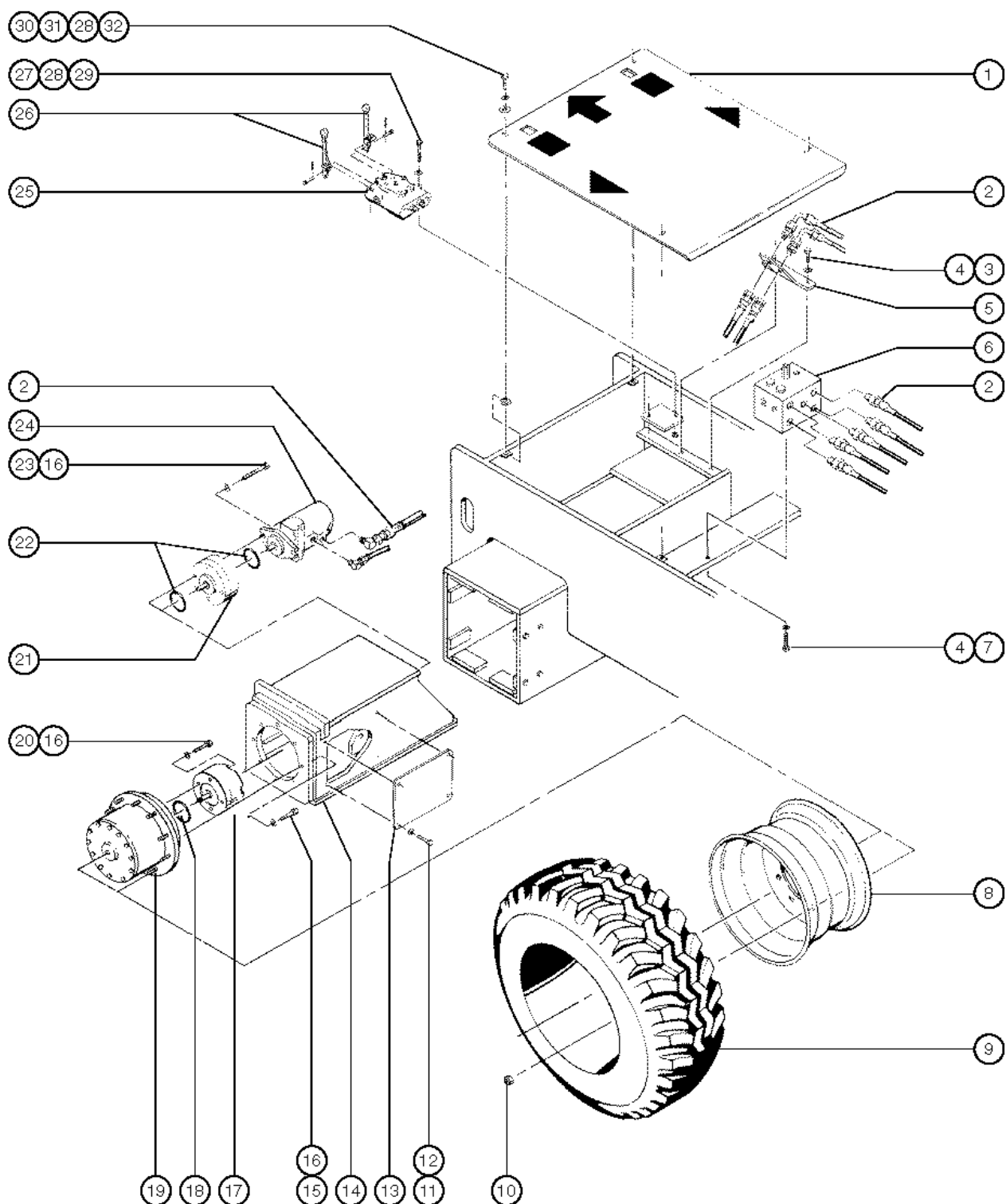
204.1 2WD Drive Manifold



204.1 2WD Drive Manifold

Item	Part No.	Description	Qty.
--	25375	SEAL KIT (ALL MANIFOLDS)	
--	34448	TRACTION MANIFOLD,2WD***	
1	31406	VALVE,RELIEF 250 PSI***.....	1
2	52726	VALVE,FLOW DIVIDER/COMBINER.....	2
3	33520	PLUG,ORIFICE,0.070.....	2
4	27761	VALVE,SHUTTLE.....	1
5	48880	CAP,DIAGNOSTIC NIPPLE.....	1
6	48997	NIPPLE,DIAGNOSTIC,#4 PORT***	1
--	20224	DIAGNOSTIC FEMALE Q-DSCNT.....	1

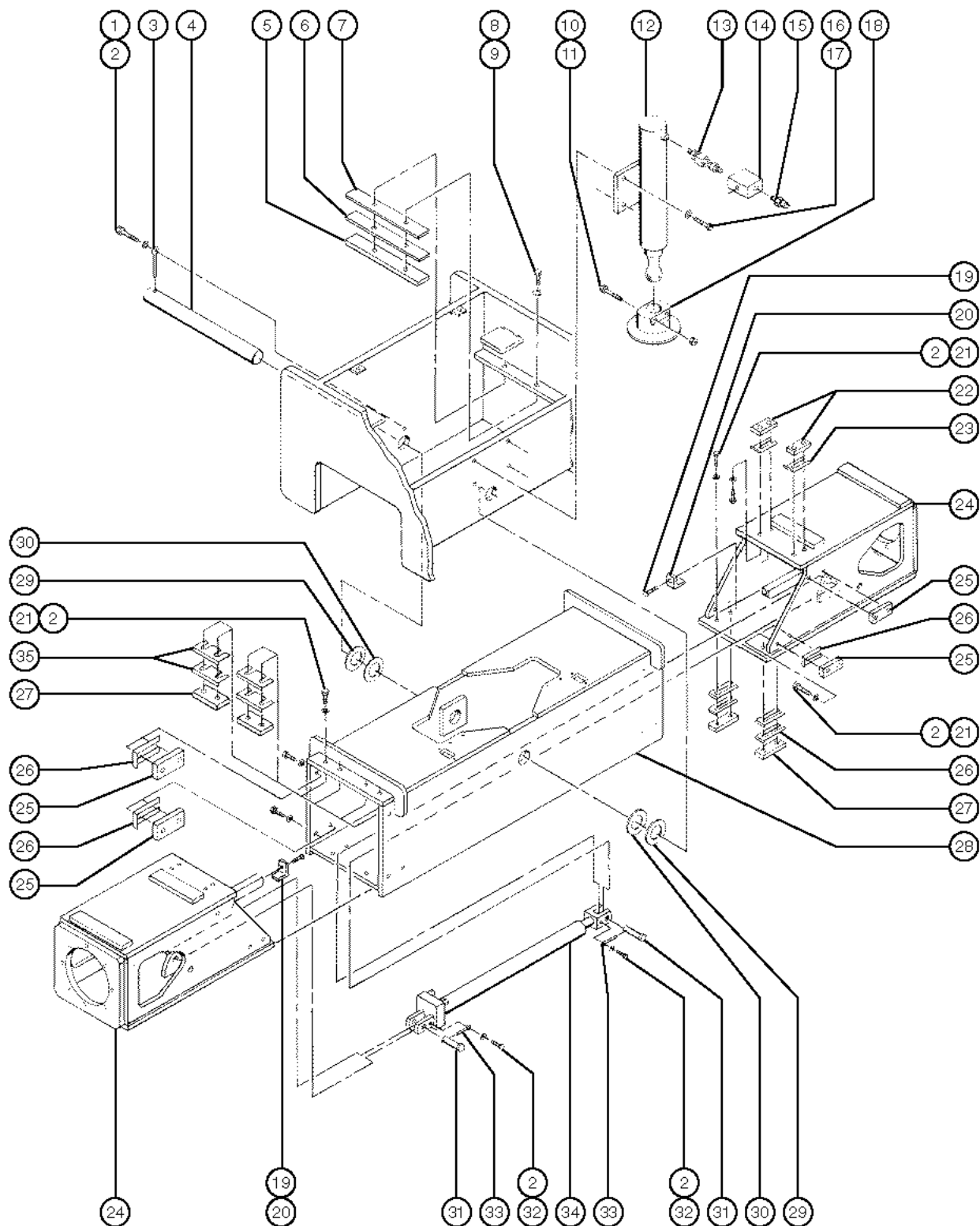
205.1 2WD Non-steer Axle Wheel Drive



205.1 2WD Non-steer Axle Wheel Drive

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	33467	COVR W/DECLS,DR CHAS NS END.....	1	--	29292	BRAKE,LINING KIT,MICO.....	2
2		Ref. Hydraulic Hoses & Fittings (refer to figure 208.1).....	1	--	29293	BEARING KIT,MICO.....	2
3	6096	SCREW,HHC,1/2-13 X 2 GR5.....	4	22	22811	O-RING,MOTOR TO BRAKE***.....	4
4	6033	WASHER,LOCK,0.5".....	7	23	7261	SCREW,HHC,1/2-13 X 5 BLACK.....	4
5	34719P	BRACKET,HOSE SUPPORT PNTD.....	2	24	24668	DRIVE MOTOR REAR,2WD/7 DEGREE*.....	2
6		Ref. 2WD Drive Manifold (refer to figure 204.1).....	2	--	33444	SEAL KIT,DRIVE MOTOR,(24668).....	2
7	8177	SCREW,HHC,1/2-13 X 1.5.....	3	25	34134P	VALVE,MANUAL,3POS.4WAY,2SPL..	2
8	73190	WHEEL, 22.5 X 11.75 S80 for 81528, 81529		--	33469	SEAL KIT,3POS,4WAY VALVE-34134.....	2
9A	81528	TIRE & WHEEL ASSY,AIR,RH,S80.....	1	26	34135	HANDLE KIT,SPOOL.....	4
		<i>RT, Air-filled, right</i>				<i>includes mounting fasteners</i>	
9A	81529	TIRE & WHEEL ASSY,AIR,LH,S80...1		27	6884	SCREW,HHC,1/4-20 X 2.5.....	4
		<i>RT, Air-filled, left</i>		28	6638	WASHER,FLAT,USS,1/4"Y.....	12
--	81527	TIRE,15-22.5,16 PLY,HAULER S80 for 81528, 81529		29	6091	NUT,NYLOCK,1/4-20.....	4
9B	81530	TIRE & WHEEL ASSY,FOAM RH,S80 <i>RT, Foam-filled, right</i>		30	6090	SCREW,HHC,1/4-20 X .75.....	4
9B	81531	TIRE & WHEEL,ASSY,FOAM LH,S80 <i>RT, Foam-filled, left</i>		31	6356	WASHER,LOCK,.25.....	4
10	34127	NUT,LUG,3/4-16 X 7/8 RADIUS.....	20	32	56912	SPRING CLIP,1/4-20,.025-.15X.5.....	4
11	8255	SCREW,HHC,3/8-16 X .75.....	8				
12	6021	WASHER,LOCK,.375.....	8				
13	34219P	COVER,REAR AXLE PAINTED.....	2				
14		Ref. Extendable Non-steer Axle Installation (refer to figure 206.1)....	2				
15	45066	SCREW,SHC,5/8-11 X 2.25.....	16				
16	13066	WASHER,FLAT,.5 HARDENED.....	24				
17	33436	TORQUE HUB,4:1 (30989).....	2				
--	33443	SEAL KIT,TORQUE HUB (30989)....	2				
18	33437	O-RING,TORQUE HUB (30989)....	2				
19	33435	TORQUE HUB,26:1 (30989)***.....	2				
--	33441	STUD,WHEEL,3/4-16, (34115).....	2				
--	T110729	SEAL KIT,TORQUE HUB,26:1(30989).....	2				
20		Ref. Screw - SHC, 1/2 -13 x 3 inches, GR 8.....	8				
21	29422P	BRAKE,S6O SWING/Z45 DRIVE.....	2				
		<i>includes 2 each index number 22</i>					
--	29291	SEAL KIT,MICO.....	2				

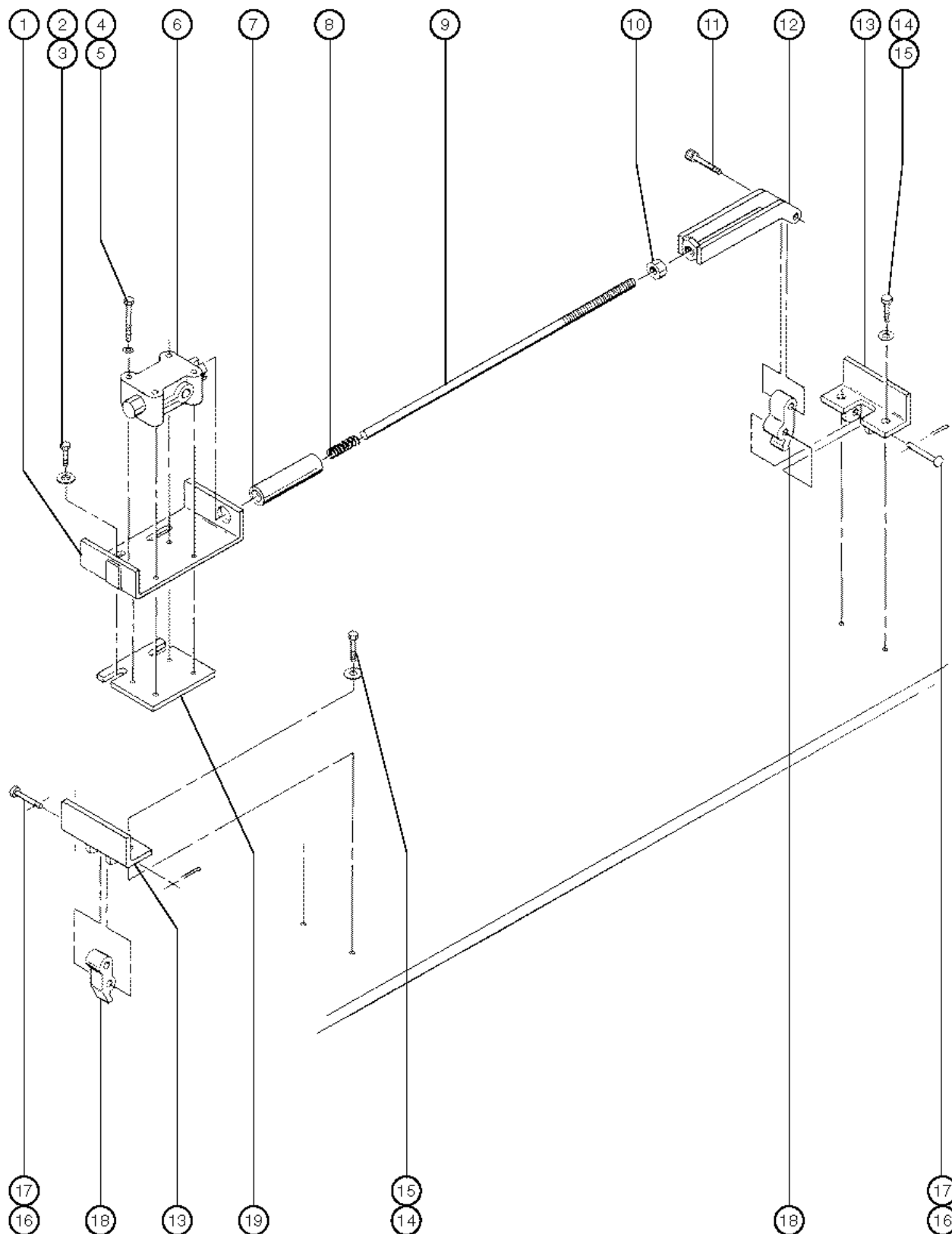
206.1 2WD Extendable Non-steer Axle Installation



206.1 2WD Extendable Non-steer Axle Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	1	27	34206P	PAD,AXLE COMPRESSION,PAINTED.....	8
2	6021	WASHER,LOCK,.375.....	60	28	34082	WELDMENT,OUTER REAR AXLE.....	1
3	45226	ROD END,.375 X 3.69.....	1	29	25436	WASHER,THRUST,2.56 X 4.0 X.18.....	2
4	34273	PIN,2.50DIAX21.12LG,1HOLE.....	1	30	29746	WASHER,FLAT,2.5 X 4 X .062.....	6
5	34218P	BAR,AXLE ROTATION STOP PAINT.....	2	31	30734	PIN,1.00DIAX2.88LG,1HOLE.....	2
6	34215	SHIM,AXLE ROTATION STOP,12GA.....	2	32	6175	SCREW,HHC,3/8-16 X 1.....	2
7	34216	SHIM,AXLE ROTATION STOP,22GA.....	2	33	25284	ROD END,.375 X 2.25***.....	2
8	8177	SCREW,HHC,1/2-13 X 1.5.....	4	34	63218	CYLINDER,AXLE EXT,REAR.....	1
9	6033	WASHER,LOCK,0.5".....	4	--	33428	VALVE,COUNTERBALANCE.....	1
10	12981	SCREW,HHC,3/8-16 X 4.5.....	2	--	33431	SEAL KIT,HYDRAULIC CYLINDER.....	1
11	4828	NUT,NYLOCK,3/8-16.....	2	35	34343	SHIM,SIDE PAD 16GA,.44 SLOT.....	16
12	63220	CYLINDER,JACK***.....	1				1
--	33537	SEAL KIT,HYDRAULIC CYLINDER.....	1	Footnotes			
13		Ref. Hydraulic Hoses & Fittings (refer to figure 209.1).....	1	1: Quantity listed for this item is approximate. Actual quantity may vary, to ensure proper fit.			
14	34751	VALVE,COUNTERBALANCE-SUN..1 <i>includes index number 15</i>	1				
15	33549	VALVE,COUNTERBAL.CBCH-LJN..1	1				
16	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	4				
17	6036	WASHER,LOCK,.625 PLTD.....	4				
18	34772	CASTING,JACK FT/PAD PAINTED.....	1				
19	16439	SCREW,FHS,3/8-16 X 1.....	2				
20	34729P	BRACKET,ACTUATOR PAINTED.....	2				
21	8516	SCREW,HHC,3/8-16 X 1.50,GR5.....	64				
22	34126	WEAR PAD,5 X 3 X .75 W/INSERT.....	4				
23	34344	SHIM,SIDE PAD 16GA. 3 X 5.....	12				
24	34084	WELDMENT,INNER REAR AXLE....	2				
25	34125	WEAR PAD,5 X 1.5 X .75 W/NUTS.....	8				
26	29080	SHIM,WEAR PAD,5X 1.5 16GA.....	32				
		1					

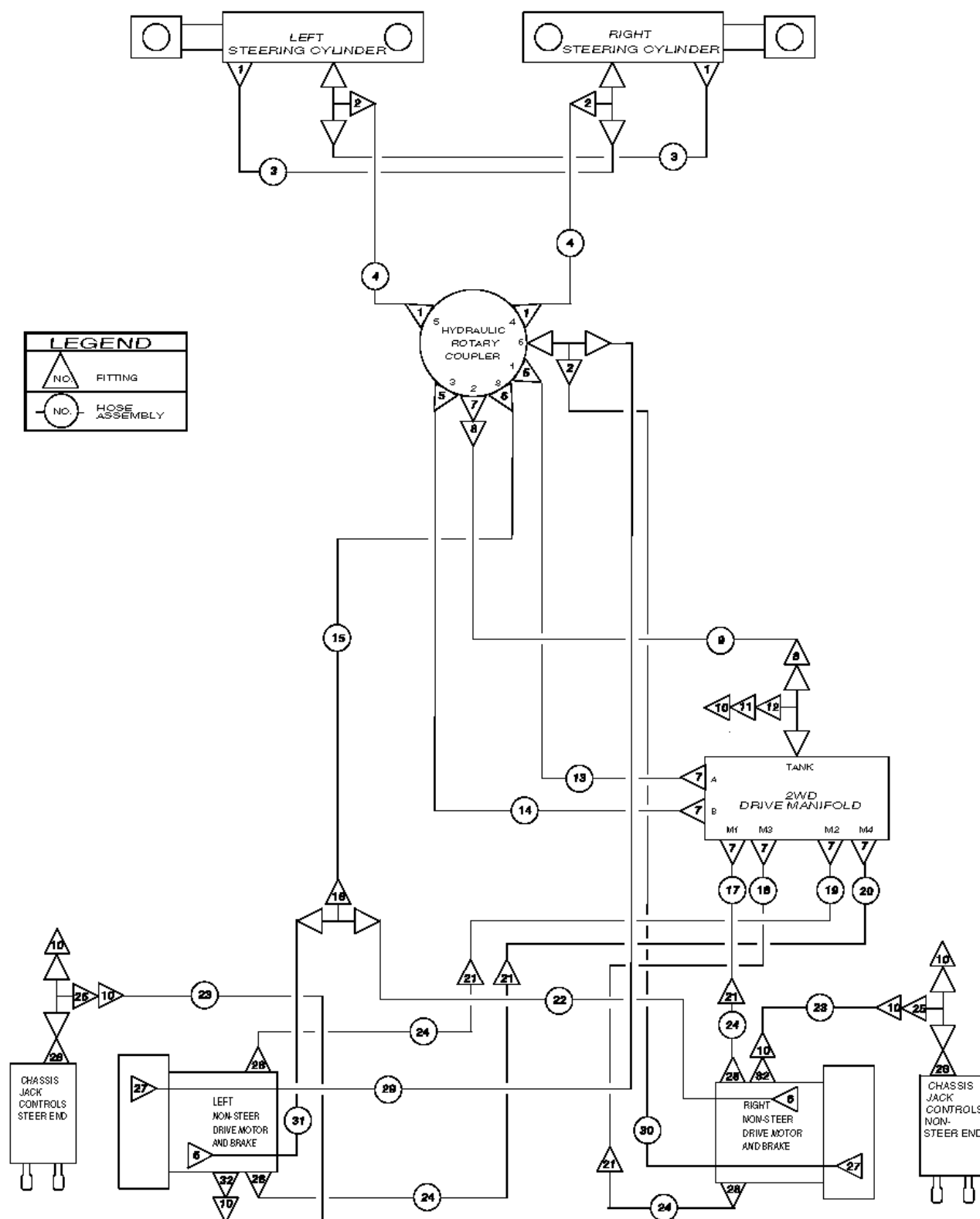
207.1 2WD Extendable Axle Hydraulic Limit Switch Installation



207.1 2WD Extendable Axle Hydraulic Limit Switch Installation

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

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



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

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	13120	ELBOW,070220-6-6.....	4	25	21252	TEE,RUN,070432-8.....	2
2	13119	TEE,RUN,070428-6-6.....	3	26	45703	CONNECTOR,070120-8-8.....	2
3	34704	HOSE ASSEMBLY, 97".....	2	27	13921	ELBOW,070220-4-4.....	2
		1		28	20332	ELBOW,070220-12-16.....	4
4	34705	HOSE ASSEMBLY, 86".....	2	29	34687	HOSE ASSEMBLY, 118".....	1
		2			8		
5	22099	ELBOW,070320-12-12.....	2	30	34688	HOSE ASSEMBLY, 118".....	1
6	12340	ELBOW,070220-4-6.....	3		8		
7	19687	CONNECTOR,070120-12-12.....	7	31	34703	HOSE ASSEMBLY, 89".....	1
8	45170	HOSE			8		
		END,BARBED,SWIVEL,-12-12.....	2	32	25951	ELBOW,070220-8-12.....	2
9	33533	HOSE, CASE DRAIN, 22".....	1				
		3					
10	20324	HOSE					
		END,BARBED,SWIVEL,-8-8.....	7				
11	20325	REDUCER,070123-12-8.....	1				
12	28456	TEE,RUN,070428-12-12.....	1				
13	34594	HOSE ASSEMBLY, 33.5".....	1				
		4					
14	34595	HOSE ASSEMBLY, 29.75".....	1				
		4					
15	34702	HOSE ASSEMBLY, 35".....	1				
		5					
16	34727	TEE,UNION,070401-6.....	1				
17	34591	HOSE ASSEMBLY, 21".....	1				
		5					
18	34651	HOSE ASSEMBLY, 26".....	1				
		5					
19	34722	HOSE ASSEMBLY, 37".....	1				
		5					
20	34721	HOSE ASSEMBLY, 33.5".....	1				
		5					
21	34725	BULKHEAD,UNION,070601-12.....	4				
--	34726	BULKHEAD,NUT,070118-12.....	4				
22	34686	HOSE ASSEMBLY, 97".....	1				
		6					
23	34701	HOSE ASSEMBLY, 41".....	2				
		7					
24	34590	HOSE ASSEMBLY, 34.5".....	4				
		8					

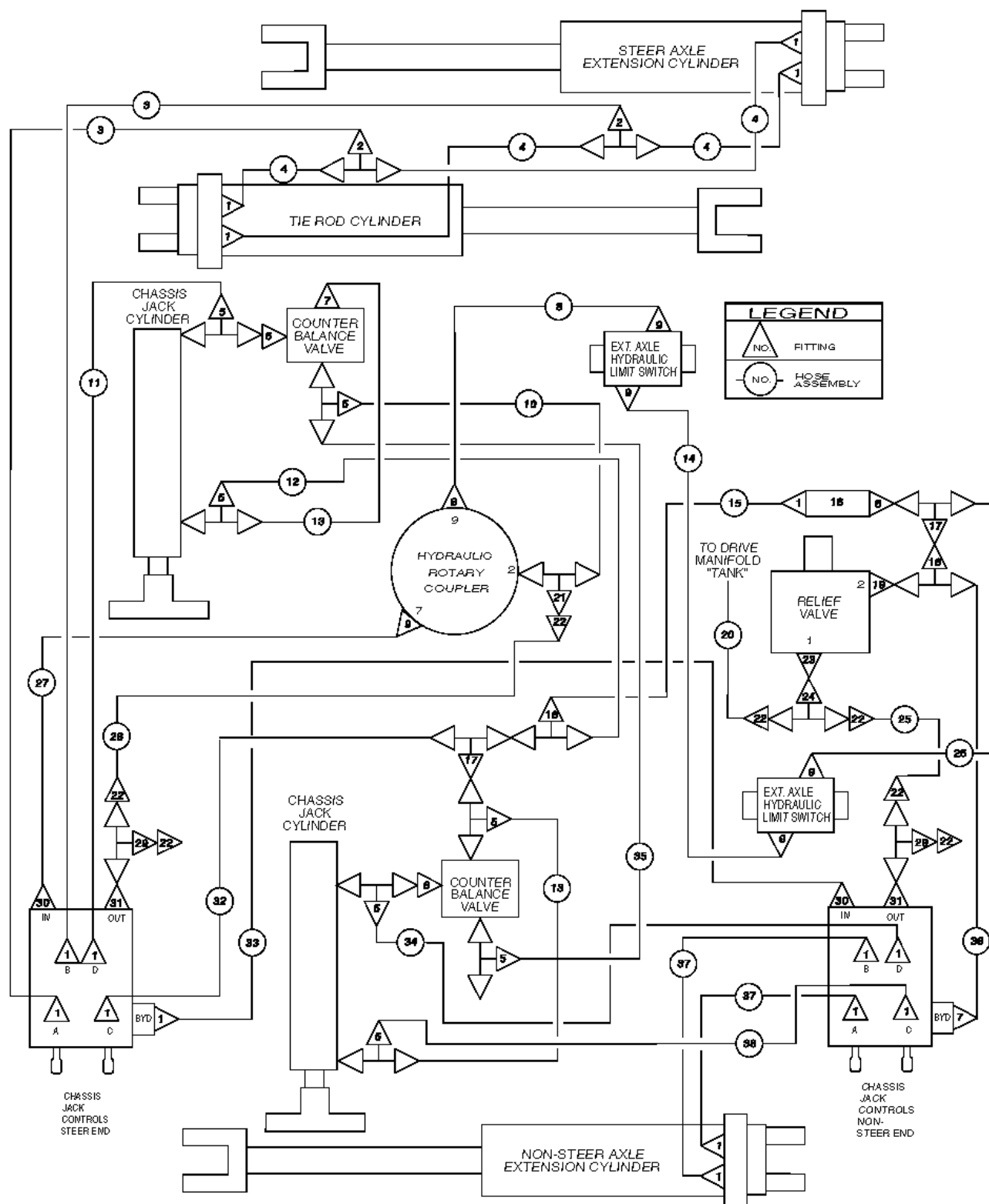
208.1 2WD Hydraulic Hoses and Fittings - Drive / Steer System (continued)

Item	Part No.	Description	Qty.
Footnotes			
1:		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:		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)	
3:		Hose - 3/4" Push On (Weatherhead H20112)	
4:		Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - 90° Female JIC Swivel, 12-12 (Weatherhead 43012E-672) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)	
5:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
6:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90° Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
7:		Hose - 1/2" Push On (Weatherhead H20108)	
8:		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)	

208.1 2WD Hydraulic Hoses and Fittings - Drive / Steer System
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209.1 2WD Hydraulic Hoses and Fittings - Extendable Axle System



209.1 2WD Hydraulic Hoses and Fittings - Extendable Axle System

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	13756	CONNECTOR,070120-4-6.....	16	27	34684	HOSE ASSEMBLY, 63".....	1
2	34727	TEE,UNION,070401-6.....	2	6			
3	34706	HOSE ASSEMBLY, 96".....	2	28	34698	HOSE ASSEMBLY, 67".....	1
		1		6			
4	34707	HOSE ASSEMBLY, 72".....	4	29	21252	TEE,RUN,070432-8.....	2
		2		30	34612	CONNECTOR,070120-4-8.....	2
5	13119	TEE,RUN,070428-6-6.....	7	31	45703	CONNECTOR,070120-8-8.....	2
6	30392	ADAPTER,6402-6-6.....	3	32	34700	HOSE ASSEMBLY, 37".....	1
7	13120	ELBOW,070220-6-6.....	2	7			
8	34683	HOSE ASSEMBLY, 81".....	1	33	34685	HOSE ASSEMBLY, 22".....	1
		3		7			
9	12340	ELBOW,070220-4-6.....	6	34	34694	HOSE ASSEMBLY, 25.25".....	1
10	34776	HOSE ASSEMBLY, 36".....	1	7			
		4		35	34779	HOSE ASSEMBLY, 65".....	1
11	34699	HOSE ASSEMBLY, 107".....	1	7			
		4		36	34689	HOSE ASSEMBLY, 23".....	1
12	34777	HOSE ASSEMBLY, 72".....	1	8			
		5		37	34697	HOSE ASSEMBLY, 60".....	2
13	34691	HOSE ASSEMBLY, 19".....	2	8			
		5		38	34695	HOSE ASSEMBLY, 45.25".....	1
14	34690	HOSE ASSEMBLY, 114".....	1	8			
		5					
15	34778	HOSE ASSEMBLY, 16".....	1				
		5					
16	34968	VALVE,CHECK,#6 O-RING					
		PORTS.....	1				
17	45704	TEE,BRANCH,070433-6-6.....	2				
18	45366	TEE,RUN,070432-6-6.....	2				
19	45412	CONNECTOR,070120-6-6.....	1				
20	34692	HOSE ASSEMBLY, 15.5".....	1				
		6					
21	20334	TEE,RUN,070428-8.....	1				
22	20324	HOSE					
		END,BARBED,SWIVEL,-8-8.....	7				
23	20923	CONNECTOR,070120-8-6.....	1				
24	20328	TEE,BRANCH,070433-8.....	1				
25	34693	HOSE ASSEMBLY, 17.5".....	1				
26	34696	HOSE ASSEMBLY, 35".....	1				
		6					

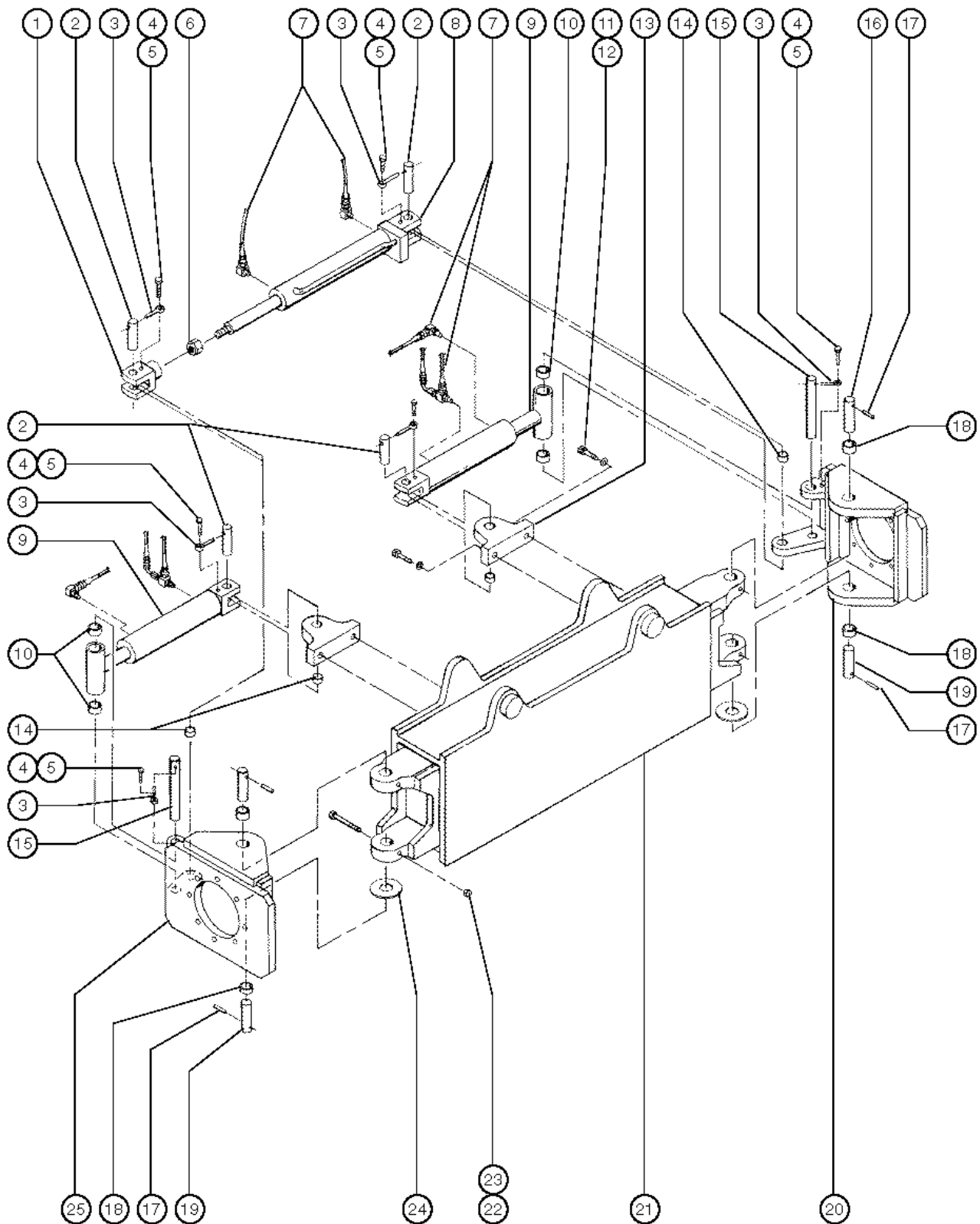
209.1 2WD Hydraulic Hoses and Fittings - Extendable Axle System (continued)

Item	Part No.	Description	Qty.
Footnotes			
1:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90° Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
2:		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)	
3:		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)	
4:		Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544), Hose End - 90° Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
5:		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)	
6:		Hose - 1/2" Push On (Weatherhead H20108)	
7:		Hose End - 90° 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)	
8:		Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	

209.1 2WD Hydraulic Hoses and Fittings - Extendable Axle System
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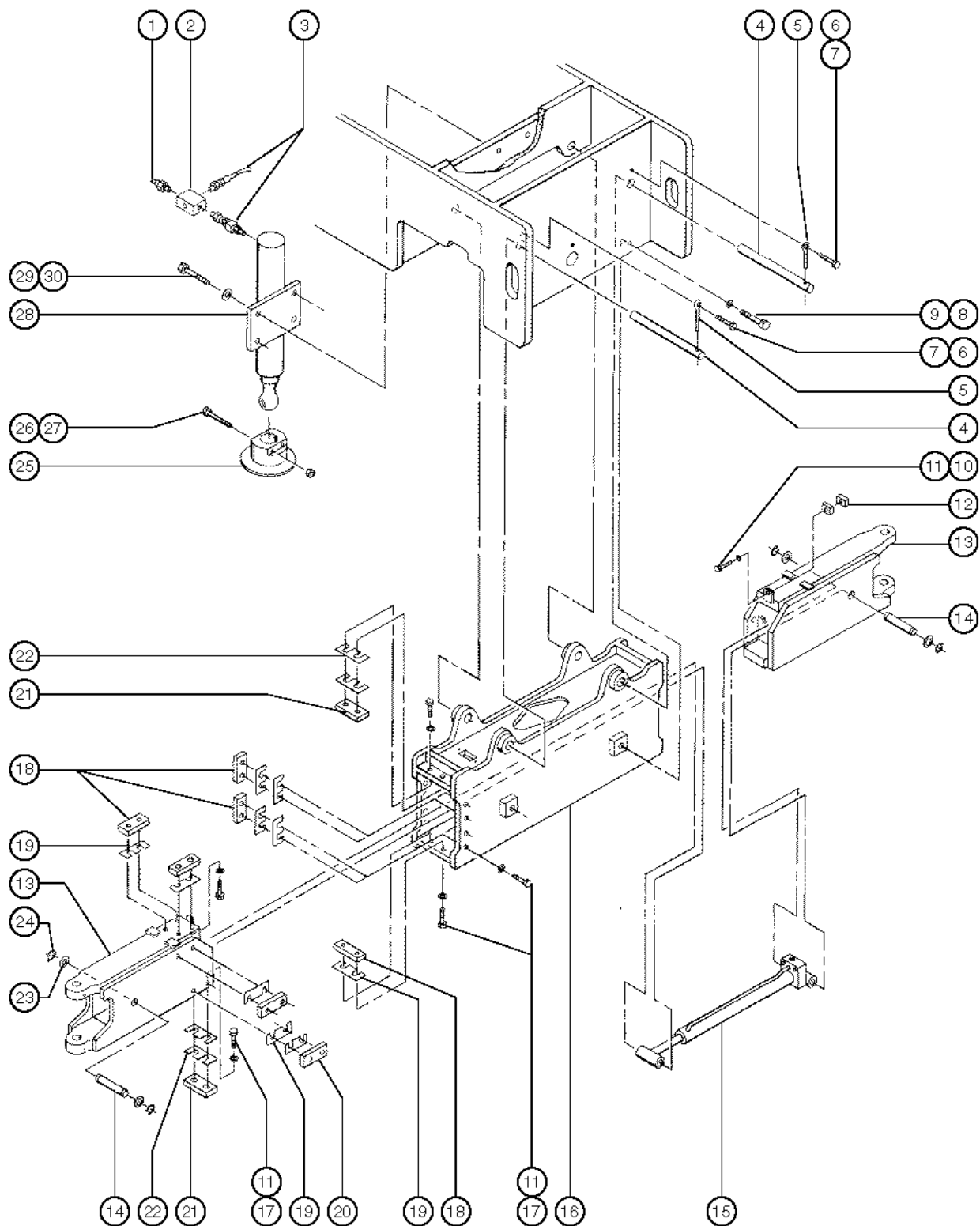
301.1 4WD Steer Axle Steering Linkage



301.1 4WD Steer Axle Steering Linkage

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34290P	ADJUSTMENT LUG,1.25-7 PNTD...	1	24	45074	WASHER,THRUST,1.5 X 3.5 X .187.....	2
2	34276	PIN,1.25DIA X 3.37LG,1HOLE.....	4	25	33427	YOKE ASSEMBLY,RIGHT SIDE,4WD.....	1
3	25284	ROD END,.375 X 2.25***.....	6			<i>includes index numbers 14 and 18</i>	
4	6175	SCREW,HHC,3/8-16 X 1.....	12				
5	6021	WASHER,LOCK,.375.....	12				
6	27953	NUT,HEX,JAM,1.25-7.....	1				
7		Ref. Hydraulic Hoses & Fittings (refer to figure 308.1 or 309.1).....	1				
8	81993	CYLINDER,TIE ROD, S80/S85.....	1				
--	31078	SEAL KIT,HYDRAULIC CYLINDER***.....	1				
--	33428	VALVE,COUNTERBALANCE.....	1				
9	59050	SEAL KIT,2.5" BORE,1.5" ROD*** (use with cylinder 59101)					
9	88348	CYLINDER,STEER S80/85.....	2				
		<i>includes 2 each index number 10</i>					
--	31078	SEAL KIT,HYDRAULIC CYLINDER*** (use with cylinder 34128)					
--	88349	SEAL KIT,STEER CYL***.....	2				
		<i>(use with cylinder 88348)</i>					
10	25683	BEARING,POLYGON,20DU12.....	4				
		<i>(for 34128 cylinder)</i>					
10	59266	BEARING, POLYGON P2055 (59105) (for 59101 and 88348 cylinders)					
11	22202	SCREW,SHC,1/2-13 X 2.25 ***.....	4				
12	6033	WASHER,LOCK,0.5".....	4				
13	34196P	LUG,FRONT AXLE STEERING,PAINT.....	2				
14	34245	BEARING,1.25IDX1.50X1.25L.....	4				
15	34275	PIN,1.25DIA X 10.18LG,1HOLE.....	2				
16	34274	PIN,KING,TOP,5.88 X 1.5 INCHES.....	2				
17	6174	PIN,ROLL,.5 X 1.5.....	4				
18	119619	BEARING,1.5IDX1.75ODX1.5L,PTFE.4					
19	30736	PIN,1.50 DIA X 4.76 LG.GES1360...	2				
20	33426	YOKE ASSEMBLY,LEFT SIDE,4WD.....	1				
		<i>includes index numbers 14 and 18</i>					
21		Ref. Extendable Steer Axle Installation (refer to figure 302.1).....	1				
22	6086	NUT,LP NYLOCK,1/2-13.....	4				
23	8220	SCREW,HHC,1/2-13 X 4.....	4				

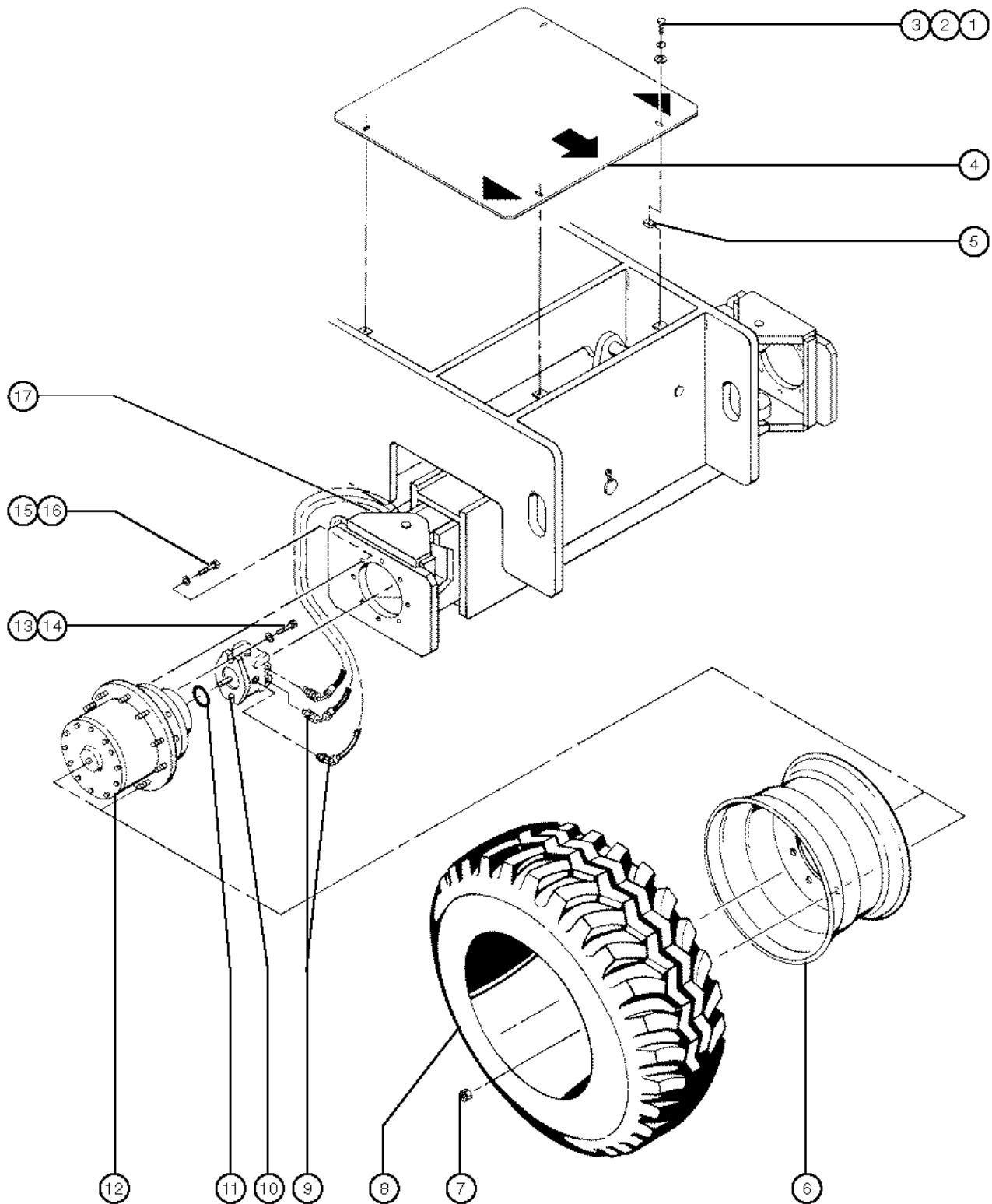
302.1 4WD Extendable Steer Axle Installation



302.1 4WD Extendable Steer Axle Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	33549	VALVE,COUNTERBAL.CBCH-LJN..1		27	4828	NUT,NYLOCK,3/8-16.....2	
2	34751	VALVE,COUNTERBALANCE-SUN..1 <i>includes index number 1</i>		28	63220	CYLINDER,JACK***.....1	
3		Ref. Hydraulic Hoses & Fittings (refer to figure 308.1).....1		--	33537	SEAL KIT,HYDRAULIC CYLINDER.....1	
4	30731	PIN,PRIM.Boom,16.0 X 1.5 INCH.....2		29	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....4	
5	30418	ROD END,.50 X 4.....2		30	6036	WASHER,LOCK,.625 PLTD.....4	
6	6096	SCREW,HHC,1/2-13 X 2 GR5.....2		Footnotes			
7	6086	NUT,LP NYLOCK,1/2-13.....2		1: Quantity listed for this item is approximate. Actual quantity may vary, to ensure proper fit.			
8	45066	SCREW,SHC,5/8-11 X 2.25.....1					
9	13064	WASHER,FLAT,.625 HARDENED....1					
10	14033	SCREW,HHC,3/8-16 X 2.75.....2					
11	6021	WASHER,LOCK,.375.....26					
12	34723P	TAP BLOCK,AXLE ADJ.PNTD.....4					
13	40667	WLDT,INN FR AXLE RH MACHINED.....2					
14	34277	PIN,1.00DIA X 6.71LG,2RING.....2					
15	63217	CYLINDER,AXLE EXTENSION,FRONT.....1					
--	33428	VALVE,COUNTERBALANCE.....1					
--	33431	SEAL KIT,HYDRAULIC CYLINDER.....1					
16	34064	WELDMENT,OUTER FRONT AXLE.....1					
17	8516	SCREW,HHC,3/8-16 X 1.50,GR5.....24					
18	34125	WEAR PAD,5 X 1.5 X .75 W/NUTS.....14					
19	34344	SHIM,SIDE PAD 16GA. 3 X 5.....22 1					
20	34207	WEAR PAD,5 X 1.5 X .75.....8					
21	34206P	PAD,AXLE COMPRESSION,PAINTED.....4					
22	34343	SHIM,SIDE PAD 16GA,.44 SLOT....8 1					
23	30748	WASHER,SHIM,1.01 X 1.63 X.062.....4					
24	44662	SNAP RING,EXTERNAL,1.00 DIA.....4					
25	34772	CASTING,JACK FT/PAD PAINTED.....1					
26	12981	SCREW,HHC,3/8-16 X 4.5.....2					

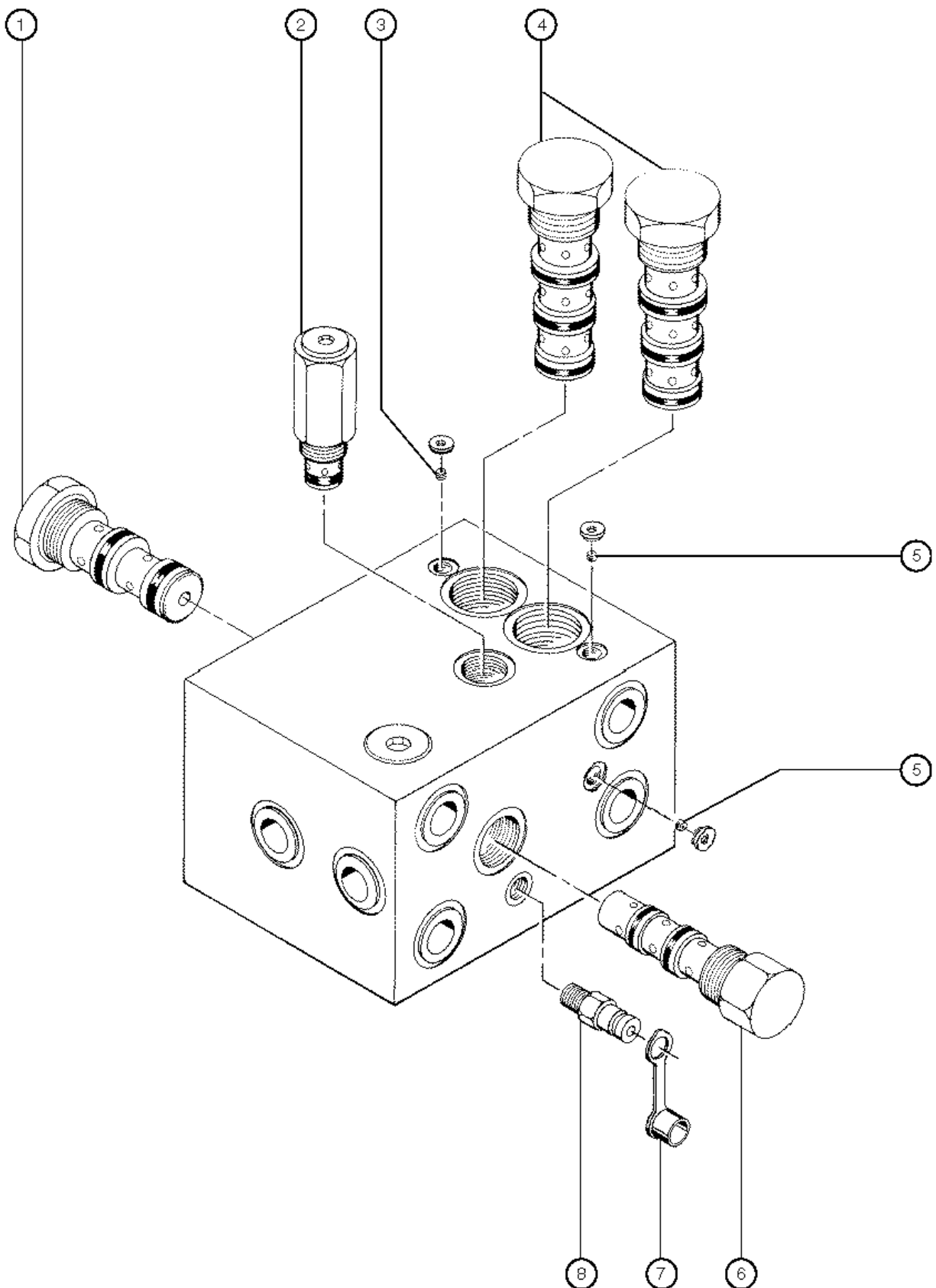
303.1 4WD Steer Axle Wheel Drive



303.1 4WD Steer Axle Wheel Drive

Item	Part No.	Description	Qty.
--	33434	WHEEL DRIVE,W3 73:1***	
1	6090	SCREW,HHC,1/4-20 X .75.....4	
2	6356	WASHER,LOCK,.25.....4	
3	6638	WASHER,FLAT,USS,1/4"Y.....4	
4	33448	COVER W/DECALS,DR.CHAS.STR.END.....1	
5	56912	SPRING CLIP,1/4-20,.025-.15X.5.....4	
6	73190	WHEEL, 22.5 X 11.75 S80 for 81528, 81529	
7	34127	NUT,LUG,3/4-16 X 7/8 RADIUS.....20	
8A	81528	TIRE & WHEEL ASSY,AIR,RH,S80.....1 <i>RT, Air-filled, right</i>	
8A	81529	TIRE & WHEEL ASSY,AIR,LH,S80...1 <i>RT, Air-filled, left</i>	
--	81527	TIRE,15-22.5,16 PLY,HAULER S80 for 81528, 81529	
8B	81530	TIRE & WHEEL ASSY,FOAM RH,S80 <i>RT, Foam-filled, right</i>	
8B	81531	TIRE & WHEEL,ASSY,FOAM LH,S80 <i>RT, Foam-filled, left</i>	
9		Ref. Hydraulic Hoses & Fittings (refer to figure 308.1).....2	
10	139962	MOTOR,WHEEL,25CC FIXED***.....2	
--	32675	SEAL KIT,SUNSTRAND.....2	
11	33433	O-RING,MOTOR TORQUE HUB 34115.....2	
12	33434	WHEEL DRIVE,W3 73:1***.....2	
--	147558	KIT,BEARING,TAPERED,OUTER***	
--	147559	KIT,BEARING,TAPERED,INNER***	
--	33440	SEAL KIT,TORQUE HUB (34115)***.....2	
--	33441	STUD,WHEEL,3/4-16, (34115).....2	
--	58238	BEARING KIT,WHEEL DRIVE,S60*** (includes 1 ea of 147558 and 147559)	
--	58283	BOLT,COVER,WHEEL DRIVE,W3***	
13		Ref. Screw - SHC, 1/2- 13 x 1 inch...4	
14	13066	WASHER,FLAT,.5 HARDENED.....4	
15	45066	SCREW,SHC,5/8-11 X 2.25.....16	
16	13064	WASHER,FLAT,.625 HARDENED.....16	
17		Ref. 4WD Steer Axle (refer to figures 301.1 or 302.1).....16	

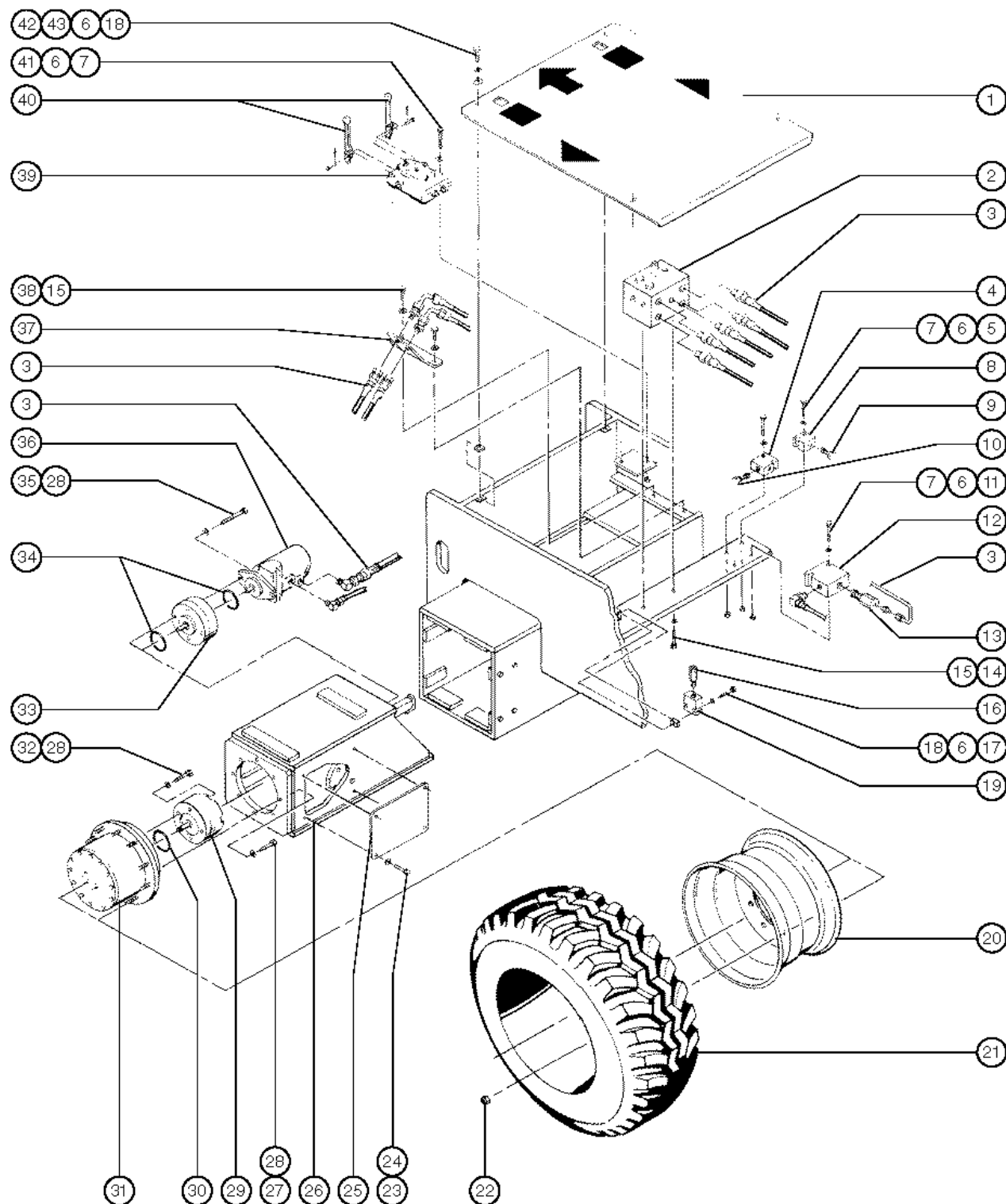
304.1 4WD Drive Manifold



304.1 4WD Drive Manifold

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

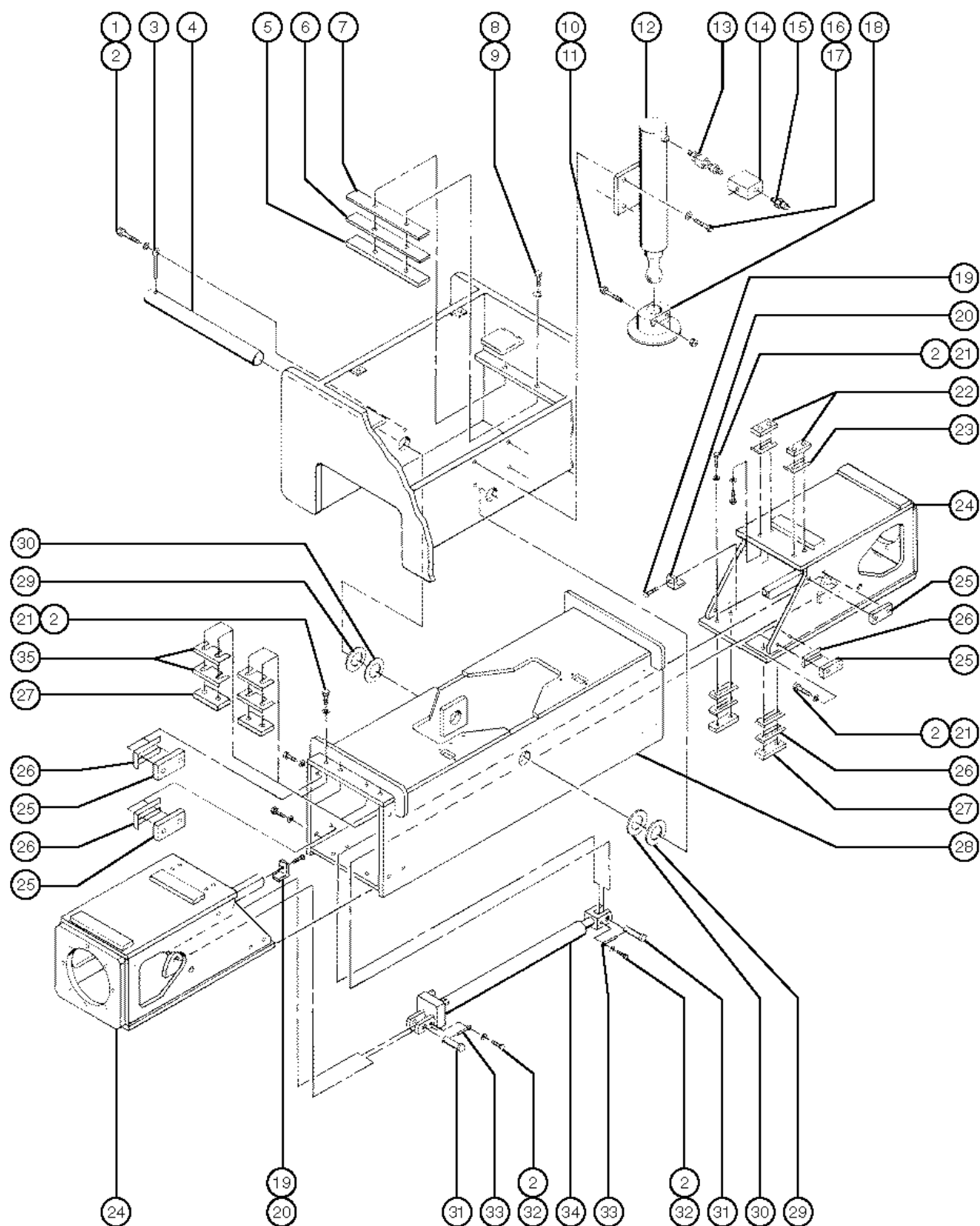
305.1 4WD Non-steer Axle Wheel Drive



305.1 4WD Non-steer Axle Wheel Drive

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	33467	COVR W/DECLS,DR CHAS NS END.....	1	24	6021	WASHER,LOCK,.375.....	8
2		Ref. 4WD Drive Manifold (refer to figure 304.1).....	1	25	34219P	COVER,REAR AXLE PAINTED.....	2
3		Ref. Hydraulic Hoses & Fittings (refer to figure 308.1).....	1	26		Ref. Extendable Non-steer Axle Installation (refer to figure 306.1).....	2
4	34623	VALVE,PILOT TO CLOSED CHECK..... <i>includes index number 10</i>	1	27	45066	SCREW,SHC,5/8-11 X 2.25.....	16
5	8179	SCREW,HHC,1/4-20 X 2.25.....	4	28	13066	WASHER,FLAT,.5 HARDENED.....	24
6	6638	WASHER,FLAT,USS,1/4"Y.....	22	29	33436	TORQUE HUB,4:1 (30989).....	2
7	6091	NUT,NYLOCK,1/4-20.....	10	--	33443	SEAL KIT,TORQUE HUB (30989)....	2
8	34544	VALVE,CHECK..... <i>includes index number 9</i>	1	30	33437	O-RING,TORQUE HUB (30989)....	2
9	27759	VALVE,CHECK.....	1	31	33435	TORQUE HUB,26:1 (30989)**.....	2
10	33562	VALVE,CHECK,PILOT OPERATED.....	1	--	33441	STUD,WHEEL,3/4-16, (34115)....	2
11	12343	SCREW,HHC,1/4-20 X 3.....	2	--	T110729	SEAL KIT,TORQUE HUB,26:1(30989).....	2
12	34547	VALVE,DIRECTIONAL,2POS.2WAY.1 <i>includes index number 13</i>	1	32		Ref. Screw - SHC, 1/2 -13 x 3 inches, GR 8.....	8
13	33563	VALVE,DIRECTIONAL,2 POS 2 WAY.....	1	33	29422P	BRAKE,S6O SWING/Z45 DRIVE.... <i>includes 2 each index number 34</i>	2
14	8177	SCREW,HHC,1/2-13 X 1.5.....	3	--	29291	SEAL KIT,MICO.....	2
15	6033	WASHER,LOCK,0.5".....	7	--	29292	BRAKE,LINING KIT,MICO.....	2
16	29570	VALVE,RELIEF 200 PSI.....	1	--	29293	BEARING KIT,MICO.....	2
17	4266	SCREW,HHC,1/4-20 X 2.....	2	34	22811	O-RING,MOTOR TO BRAKE***.....	4
18	56912	SPRING CLIP,1/4-20,.025-.15X.5.....	6	35	7261	SCREW,HHC,1/2-13 X 5 BLACK.....	4
19	34546	VALVE,RELIEF 200 PSI..... <i>includes index number 16</i>	1	36	24667	DRVE MOTOR REAR,4WD/1DEGREE..... <i>includes 1 each index number 34</i>	2
20	73190	WHEEL, 22.5 X 11.75 S80 <i>for 81528, 81529</i>		--	49897	GASKET,TURTLE,DRV MTR,EDC	
21A	81527	TIRE,15-22.5,16 PLY,HAULER S80 <i>for 81528, 81529</i>		--	65865	SEAL KIT, SUNSTRAND	
21A	81528	TIRE & WHEEL ASSY,AIR,RH,S80..... <i>RT, Air-filled, right</i>	1	--	83081	COVER, SERVO (24667)	
21A	81529	TIRE & WHEEL ASSY,AIR,LH,S80... <i>RT, Air-filled, left</i>	1	37	34719P	BRACKET,HOSE SUPPORT PNTD.....	2
21B	81530	TIRE & WHEEL ASSY,FOAM RH,S80 <i>RT, Foam-filled, right</i>		38	6096	SCREW,HHC,1/2-13 X 2 GR5.....	4
21B	81531	TIRE & WHEEL,ASSY,FOAM LH,S80 <i>RT, Foam-filled, left</i>		39	34134P	VALVE,MANUAL,3POS.4WAY,2SPL..	2
22	34127	NUT,LUG,3/4-16 X 7/8 RADIUS.....	20	--	33469	SEAL KIT,3POS,4WAY VALVE-34134.....	2
23	8255	SCREW,HHC,3/8-16 X .75.....	8	40	34135	HANDLE KIT,SPOOL..... <i>includes mounting fasteners</i>	4
				41	6884	SCREW,HHC,1/4-20 X 2.5.....	4
				42	6090	SCREW,HHC,1/4-20 X .75.....	4
				43	6356	WASHER,LOCK,.25.....	4

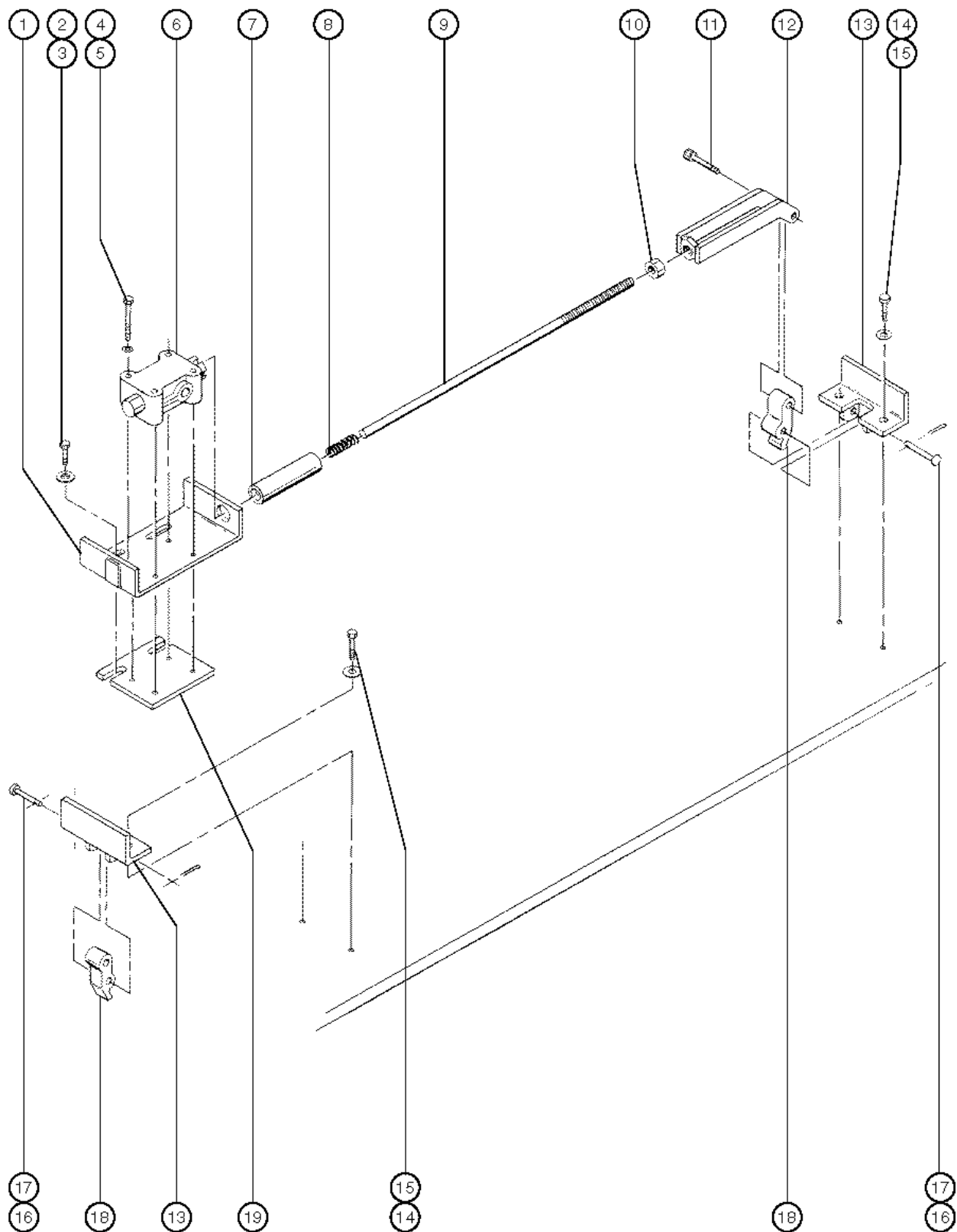
306.1 4WD Extendable Non-steer Axle Installation



306.1 4WD Extendable Non-steer Axle Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	1	27	34206P	PAD,AXLE COMPRESSION,PAINTED.....	8
2	6021	WASHER,LOCK,.375.....	60	28	34082	WELDMENT,OUTER REAR AXLE.....	1
3	45226	ROD END,.375 X 3.69.....	1	29	25436	WASHER,THRUST,2.56 X 4.0 X.18.....	2
4	34273	PIN,2.50DIAX21.12LG,1HOLE.....	1	30	29746	WASHER,FLAT,2.5 X 4 X .062.....	6
5	34218P	BAR,AXLE ROTATION STOP PAINT.....	2			1	
6	34215	SHIM,AXLE ROTATION STOP,12GA.....	2	31	30734	PIN,1.00DIAX2.88LG,1HOLE.....	2
		1		32	6175	SCREW,HHC,3/8-16 X 1.....	2
7	34216	SHIM,AXLE ROTATION STOP,22GA.....	2	33	25284	ROD END,.375 X 2.25***.....	2
		1		34	63218	CYLINDER,AXLE EXT,REAR.....	1
8	8177	SCREW,HHC,1/2-13 X 1.5.....	4	--	33428	VALVE,COUNTERBALANCE.....	1
9	6033	WASHER,LOCK,0.5".....	4	--	33431	SEAL KIT,HYDRAULIC CYLINDER.....	1
10	12981	SCREW,HHC,3/8-16 X 4.5.....	2	35	34343	SHIM,SIDE PAD 16GA,.44 SLOT.....	16
11	4828	NUT,NYLOCK,3/8-16.....	2			1	
12	63220	CYLINDER,JACK***.....	1	Footnotes			
--	33537	SEAL KIT,HYDRAULIC CYLINDER.....	1	1: Quantity listed for this item is approximate. Actual quantity may vary, to ensure proper fit.			
13		Ref. Hydraulic Hoses & Fittings (refer to figure 309.1).....	1				
14	34751	VALVE,COUNTERBALANCE-SUN..1 <i>includes index number 15</i>	1				
15	33549	VALVE,COUNTERBAL.CBCH-LJN..1	1				
16	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	4				
17	6036	WASHER,LOCK,.625 PLTD.....	4				
18	34772	CASTING,JACK FT/PAD PAINTED.....	1				
19	16439	SCREW,FHS,3/8-16 X 1.....	2				
20	34729P	BRACKET,ACTUATOR PAINTED.....	2				
21	8516	SCREW,HHC,3/8-16 X 1.50,GR5.....	64				
22	34126	WEAR PAD,5 X 3 X .75 W/INSERT.....	4				
23	34344	SHIM,SIDE PAD 16GA. 3 X 5.....	12				
		1					
24	34084	WELDMENT,INNER REAR AXLE....	2				
25	34125	WEAR PAD,5 X 1.5 X .75 W/NUTS.....	8				
26	29080	SHIM,WEAR PAD,5X 1.5 16GA.....	32				
		1					

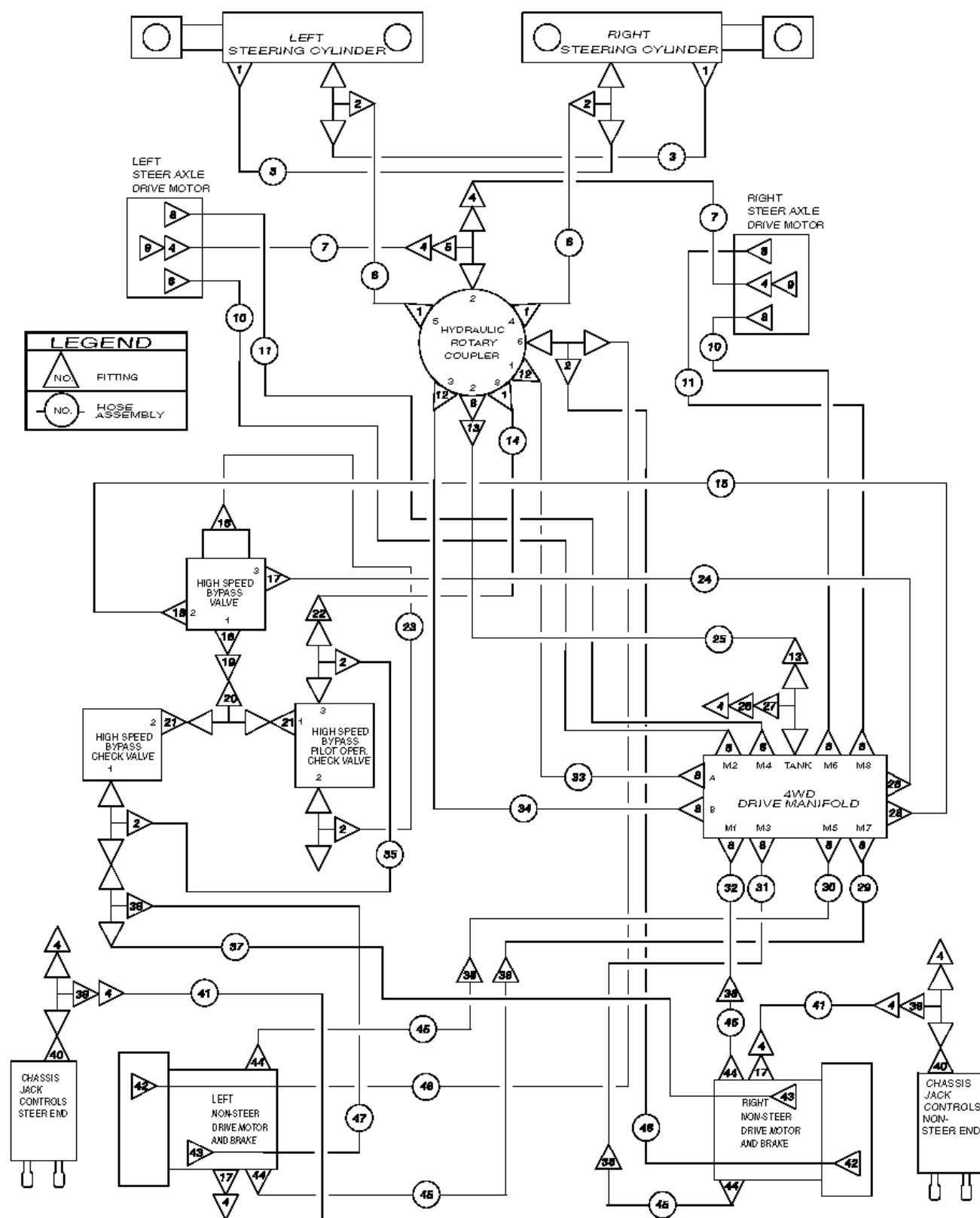
307.1 4WD Extendable Axle Hydraulic Limit Switch Installation



307.1 4WD Extendable Axle Hydraulic Limit Switch Installation

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

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



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

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	13120	ELBOW,070220-6-6.....	5	29	34721	HOSE ASSEMBLY, 33.5".....	1
2	13119	TEE,RUN,070428-6-6.....	6		6		
3	34704	HOSE ASSEMBLY, 97".....	2	30	34722	HOSE ASSEMBLY, 37".....	1
		1			6		
4	20324	HOSE END,BARBED,SWIVEL,-8-8.....	9	31	34651	HOSE ASSEMBLY, 26".....	1
5	20334	TEE,RUN,070428-8.....	1		6		
6	34705	HOSE ASSEMBLY, 86".....	2	32	34591	HOSE ASSEMBLY, 21".....	1
		1			6		
7	34598	HOSE ASSEMBLY, 116".....	2	33	34594	HOSE ASSEMBLY, 33.5".....	1
		2			6		
8	19687	CONNECTOR,070120-12-12.....	15	34	34595	HOSE ASSEMBLY, 29.75".....	1
9	45349	ELBOW,070320-8-8.....	2		6		
10	34597	HOSE ASSEMBLY, 146.0".....	2	35	32632	KIT,PAINTED PARTS,DEUTZGRY,Z60.....	1
		3					
11	34596	HOSE ASSEMBLY, 146.0".....	2	36	45366	TEE,RUN,070432-6-6.....	1
		3		37	34686	HOSE ASSEMBLY, 97".....	1
					6		
12	22099	ELBOW,070320-12-12.....	2	38	34725	BULKHEAD,UNION,070601-12.....	4
13	45170	HOSE END,BARBED,SWIVEL,-12-12.....	2	--	34726	BULKHEAD,NUT,070118-12.....	4
				39	21252	TEE,RUN,070432-8.....	2
14	34702	HOSE ASSEMBLY, 35".....	1	40	45703	CONNECTOR,070120-8-8.....	2
		4		41	34701	HOSE ASSEMBLY, 41".....	2
15	34663	HOSE ASSEMBLY, 49.5".....	1		6		
		5		42	13921	ELBOW,070220-4-4.....	2
16	13756	CONNECTOR,070120-4-6.....	1	43	12340	ELBOW,070220-4-6.....	2
17	25951	ELBOW,070220-8-12.....	3	44	20332	ELBOW,070220-12-16.....	4
18	27431	CONNECTOR,070120-8-12.....	2	45	34590	HOSE ASSEMBLY, 34.5".....	4
19	45361	REDUCER,070123-8-6.....	1		6		
20	45704	TEE,BRANCH,070433-6-6.....	1	46	34687	HOSE ASSEMBLY, 118".....	1
21	30392	ADAPTER,6402-6-6.....	2		6		
22	45878	ELBOW,070321-6-6.....	1	47	34703	HOSE ASSEMBLY, 89".....	1
23	34633	FLARE TUBE ASSY,BYPASS #1.....	1		6		
24	34664	HOSE ASSEMBLY, 31.5".....	1	48	34688	HOSE ASSEMBLY, 118".....	1
		5			6		
25	33533	HOSE, CASE DRAIN, 22".....	1				
		6					
26	20325	REDUCER,070123-12-8.....	1				
27	28456	TEE,RUN,070428-12-12.....	1				
28	45357	ELBOW,070220-8-8***.....	2				

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

Item	Part No.	Description	Qty.
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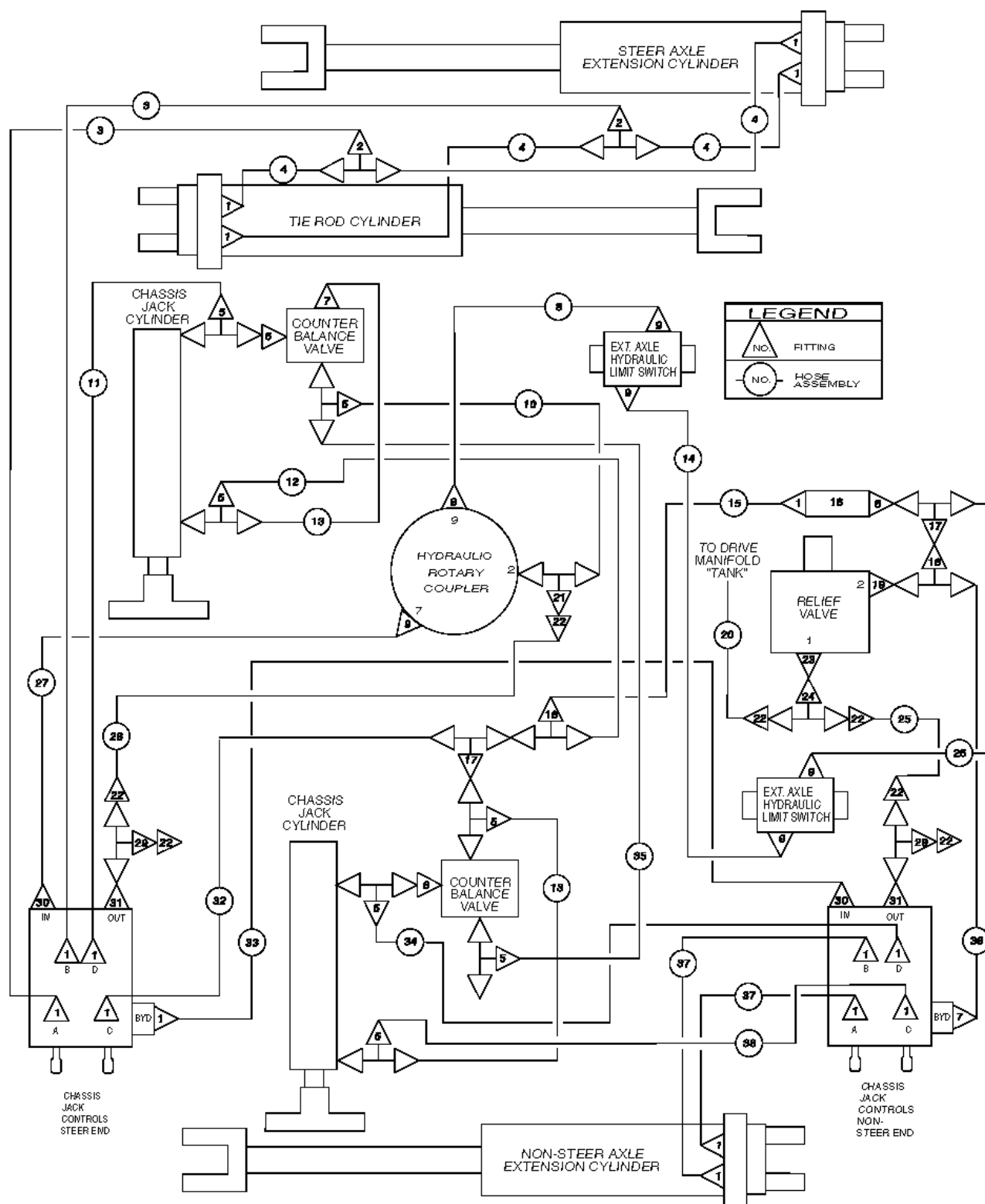
Footnotes

- 1:** Hose - 3/8" Thermoplastic High Pressure
(Synflex 3800-06)
2: Hose - 1/2" Push On (Weatherhead H20108)
3: Hose - 3/4" 4 Spiral High Pressure
(Weatherhead H43012)
4: Hose - 1/4" Thermoplastic Medium Pressure
(Synflex 3130-04)
5: Hose - 1/2" Thermoplastic High Pressure
(Synflex 3800-08)
6: Hose - 3/4" Push On (Weatherhead H20112)

308.1 4WD Hydraulic Hoses and Fittings - Drive / Steer System
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309.1 4WD Hydraulic Hoses and Fittings - Extendable Axle System



309.1 4WD Hydraulic Hoses and Fittings - Extendable Axle System

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	13756	CONNECTOR,070120-4-6.....	16	27	34684	HOSE ASSEMBLY, 63".....	1
2	34727	TEE,UNION,070401-6.....	2	6			
3	34706	HOSE ASSEMBLY, 96".....	2	28	34698	HOSE ASSEMBLY, 67".....	1
		1		6			
4	34707	HOSE ASSEMBLY, 72".....	4	29	21252	TEE,RUN,070432-8.....	2
		2		30	34612	CONNECTOR,070120-4-8.....	2
5	13119	TEE,RUN,070428-6-6.....	7	31	45703	CONNECTOR,070120-8-8.....	2
6	30392	ADAPTER,6402-6-6.....	3	32	34700	HOSE ASSEMBLY, 37".....	1
7	13120	ELBOW,070220-6-6.....	2	7			
8	34683	HOSE ASSEMBLY, 81".....	1	33	34685	HOSE ASSEMBLY, 22".....	1
		3		7			
9	12340	ELBOW,070220-4-6.....	6	34	34694	HOSE ASSEMBLY, 25.25".....	1
10	34776	HOSE ASSEMBLY, 36".....	1	7			
		4		35	34779	HOSE ASSEMBLY, 65".....	1
11	34699	HOSE ASSEMBLY, 107".....	1	7			
		4		36	34689	HOSE ASSEMBLY, 23".....	1
12	34777	HOSE ASSEMBLY, 72".....	1	8			
		5		37	34697	HOSE ASSEMBLY, 60".....	2
13	34691	HOSE ASSEMBLY, 19".....	2	8			
		5		38	34695	HOSE ASSEMBLY, 45.25".....	1
14	34690	HOSE ASSEMBLY, 114".....	1	8			
		5					
15	34778	HOSE ASSEMBLY, 16".....	1				
		5					
16	34968	VALVE,CHECK,#6 O-RING					
		PORTS.....	1				
17	45704	TEE,BRANCH,070433-6-6.....	2				
18	45366	TEE,RUN,070432-6-6.....	2				
19	45412	CONNECTOR,070120-6-6.....	1				
20	34692	HOSE ASSEMBLY, 15.5".....	1				
		6					
21	20334	TEE,RUN,070428-8.....	1				
22	20324	HOSE					
		END,BARBED,SWIVEL,-8-8.....	7				
23	20923	CONNECTOR,070120-8-6.....	1				
24	20328	TEE,BRANCH,070433-8.....	1				
25	34693	HOSE ASSEMBLY, 17.5".....	1				
		6					
26	34696	HOSE ASSEMBLY, 35".....	1				
		6					

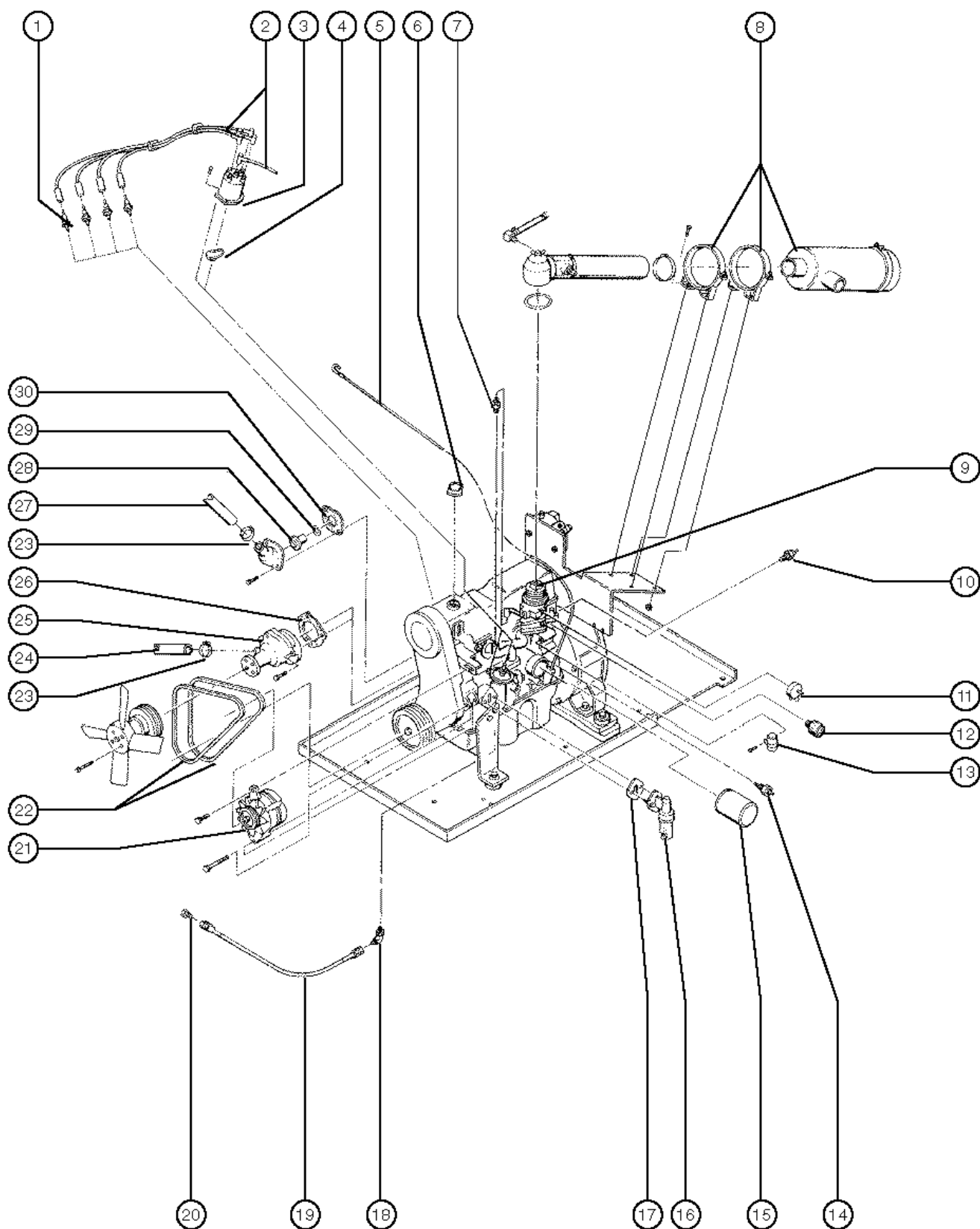
309.1 4WD Hydraulic Hoses and Fittings - Extendable Axle System (continued)

Item	Part No.	Description	Qty.
Footnotes			
1:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90° Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
2:		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)	
3:		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)	
4:		Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544), Hose End - 90° Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
5:		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)	
6:		Hose - 1/2" Push On (Weatherhead H20108)	
7:		Hose End - 90° 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)	
8:		Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	

309.1 4WD Hydraulic Hoses and Fittings - Extendable Axle System
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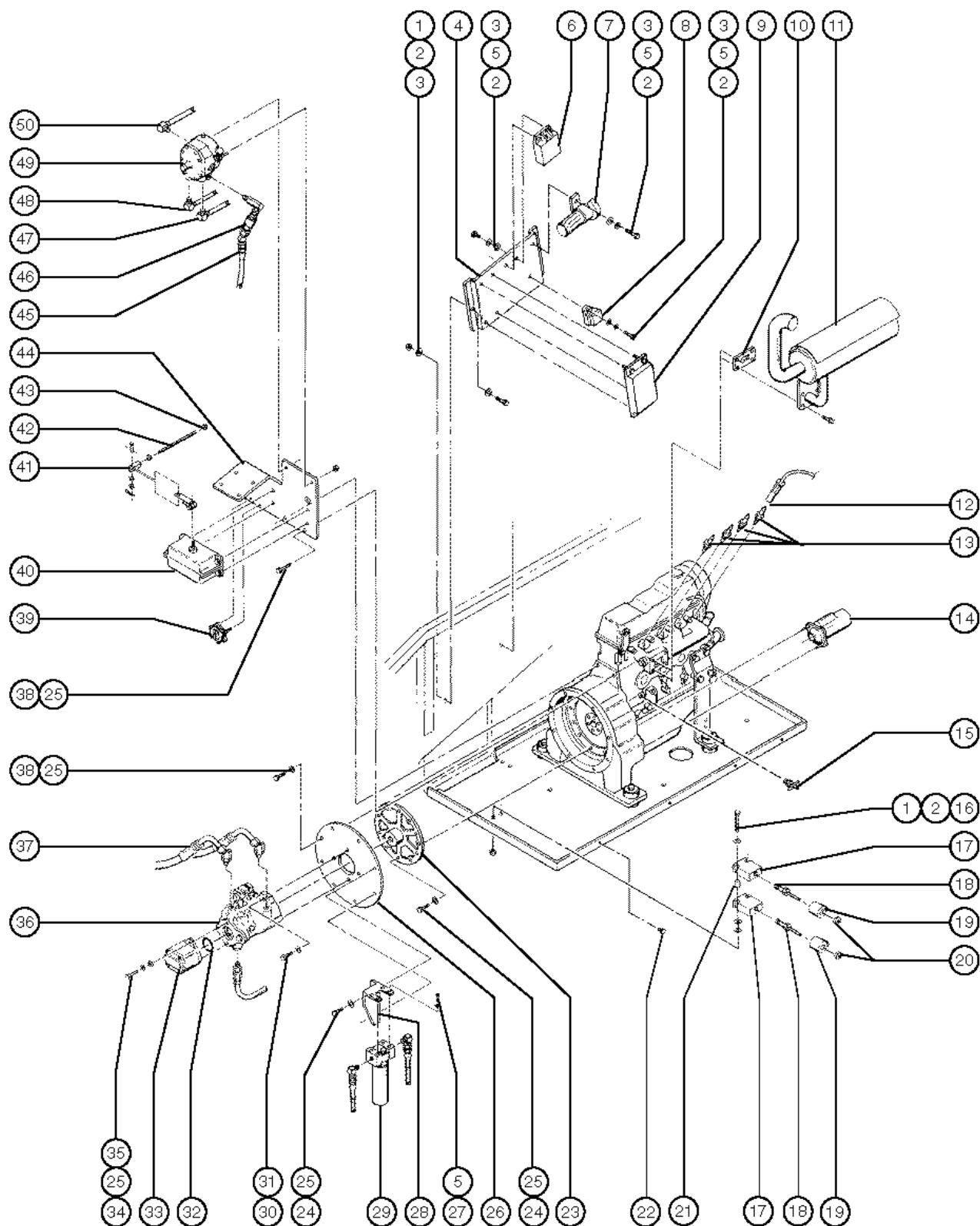
401.1 Ford Gasoline/LPG Engine - View 1



401.1 Ford Gasoline/LPG Engine - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	28647	SPARK PLUG,FORD.....	4	24	28769	HOSE,BOTTOM	
2	28648	SPARK PLUG WIRE SET, LSG				RADIATOR,FORD.....	1
		423.....	1	25	28666	PUMP,WATER,FORD.....	1
		<i>Genie genuine part</i>		26	28660	GASKET,WATER PUMP,FORD.....	1
--	1259056	SPARK PLUG WIRE SET, LSG 423		27	28770	HOSE,TOP RADIATOR,FORD.....	1
		<i>Genie aftermarket</i>		28	28655	THERMOSTAT & SEAL,FORD.....	1
3	28650	CAP,DISTRIBUTOR,FORD.....	1			<i>includes index number 29</i>	
4	28649	ROTOR,DISTRIBUTOR,FORD.....	1	29	28654	SEAL,THERMOSTAT,FORD.....	1
5		DIPSTICK,FORD LSG-423.....	1	30	28653	GASKET,WATER OUTLET,FORD....	1
		<i>no longer available from supplier</i>					
6	28658	CAP, OIL FILLER, FORD LSG423...	1				
7	33538	VALVE,PCV-FORD LSG.....	1				
8	27915	AIR CLEANER.....	1				
		<i>does NOT include mounting bands</i>					
--	27916	FILTER,AIR,ELEMENT***.....	1				
--	53952	BRKT,AIR CLEANER					
		ORIENTATION**					
--	65815	CLAMP, AIR CLEANER (27915)**....	1				
		<i>clamp that holds the end cap on</i>					
9	33335	CARBURETOR,FORD-LSG					
		423,AUTO.....	1				
--	28714	CARB REPAIR KIT,					
		LSG/LRG-423.....	1				
10	28651	SOLENOID, ANTI-DIESELING.....	1				
11	29439	COIL, AUTOMATIC CHOKE,.....	1				
12	30810	SENDING UNIT,OIL					
		PRESSURE***	1				
		<i>dual-terminal sender</i>					
13	28662	FILTER,FUEL,LRG-423,SCREW-IN.	1				
14	34058	SENDING					
		UNIT,TMP,FRD,GM,PRK704.....	1				
15	28656	FILTER,OIL,FORD.....	1				
		<i>Genie genuine part</i>					
--	1259054	FILTER, OIL, FORD					
		<i>Genie aftermarket</i>					
16	28665	PUMP,FUEL,FORD.....	1				
17	28659	GASKET,FUEL PUMP,FORD.....	1				
18	27210	ELBOW,90DEG.6 X 14.....	1				
19	28020	HOSE ASSY,MOTOR OIL DRAIN....	1				
20	19141	PLUG,MALE,070109-6.....	1				
21	28716	ALTERNATOR,FORD LSG-423***	1				
22	28652	BELT,V, FAN/ALT,FORD LSG423.....	2				
23	45171	CLAMP,HOSE,1.75,LINED.....	2				

402.1 Ford Gasoline/LPG Engine - View 2



402.1 Ford Gasoline/LPG Engine - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	65770	BELT,TIMING,FORD LRG423/425EFI		25	6021	WASHER,LOCK,.375.....	14
1	6091	NUT,NYLOCK,1/4-20.....	4	26	25571P-S	PLATE,PUMP MOUNT,FORD,PAINTED.....	1
2	6638	WASHER,FLAT,USS,1/4"Y.....	14	27	7339	SCREW,HHC,1/4-20 X .5.....	4
3	8914	SCREW,HHC,1/4-20 X .625.....	13	28	30230P	FILTER MOUNT BRACKET.....	1
4	31250	IGNITION MODULE MTG.PLATE ASSY.....	1	29	77139	FILTER ASY,M PRESS,SAE8,WOIND*.....	1
5	6356	WASHER,LOCK,.25.....	15	--	20880	FILTER ELEMENT-10 MIC.***..... <i>component of filter assy p/n 20879 (no longer sold)</i>	1
6	27922	IGNITION, ELECTRONIC, FORD....	1	--	60857	FILTER,ELEMENT,BETA(5)=1000 <i>component of filter assy p/n 77139</i>	
7	28664	COIL, IGNITION,FORD.....	1	30	8177	SCREW,HHC,1/2-13 X 1.5.....	2
8	27919	REGULATOR, VOLTAGE, Z45GP91.....	1	31	6033	WASHER,LOCK,0.5".....	4
9	27908	GOVERNOR,CNTRLR,FORD,LSG 423.....	1	32	29436	O-RING***.....	1
10	27142	GASKET,EXHAUST.....	1	33	53959	PUMP,LIFT 1.403 C.I.***.....	1
11	48439	MUFFLER,EXH,FORD,BIG BOOMS***.....	1	--	58228	SEAL KIT***.....	1
12	28648	SPARK PLUG WIRE SET, LSG 423.....	1	34		Ref. Screw - SHC, 3/8 -16 x 1 inch, GR 8.....	2
--	1259056	SPARK PLUG WIRE SET, LSG 423 <i>Genie aftermarket</i>		35	6097	WASHER,FLAT,USS,3/8",Y.....	2
13	28647	SPARK PLUG,FORD.....	4	36	37027	PUMP,VAR PISTON,2.8 C.I.***.....	1
14	29606	RING GEAR,FORD*** <i>(FITS LSG-LRG 423, AND LRG425)</i>		--	29739	SEAL KIT,SAUER-DANFOSS M46***.....	1
14	29616	STARTER,ENGINE,FORD LSG/LRG***.....	1	--	32611	SHAFT,M46 15 TOOTH.....	1
15	28717	VALVE,DRAIN,FORD,BLOCK,RAD..	1	37		Ref. Hydraulic Hoses & Fittings (refer to figure 509.1).....	1
16	11413	SCREW,HHC,1/4-20 X 4.....	2	38	6175	SCREW,HHC,3/8-16 X 1.....	2
17	30369	SOLENOID VALVE,N.C. 2POS. 3WAY.....	2	39	22278	SWITCH,VACUUM.....	1
		<i>includes index numbers 18 through 20</i>		40	27917	GOVERNOR,MECHNCL,FORD LSG423.....	1
18	29066	VALVE,SOLENOID,10V,2POS 3WAY**.....	2	41	21130	CLEVIS YOKE-1/4-28,PLTD W/PIN.....	1
		<i>includes index number 19 and 20</i>		42	30785-1000	THREADED ROD,1/4-28 X 10 IN***.....	1
19	29744	COIL,10V.....	2	43	21496	NUT,HEX,1/4-28.....	2
20	52943	NUT,SOLENOID VALVE.....	2	44	30224P	BRACKET,LP REG/AIR FILTER,PNTD.....	1
21	45400	SPACER TUBE,.50 LG.....	2	45	25967	HOSE ASSEMBLY,LP GAS-86" LNG**.....	1
22	34619	BUMPER,RUBBER***.....	4	46	27010	VALVE,LOCK OFF,BEAM #FL-418.....	1
23	28836	COUPLING,FLYWHEEL,FL 15T 12.5".....	1	47		Ref. Hose - 3/8 x 19.5 inches (50 cm), Regulator to Water Pump.....	1
--	37002	COUPLER,HUB,15 TOOTH 7/16BOLT*.....	1				
24	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	8				

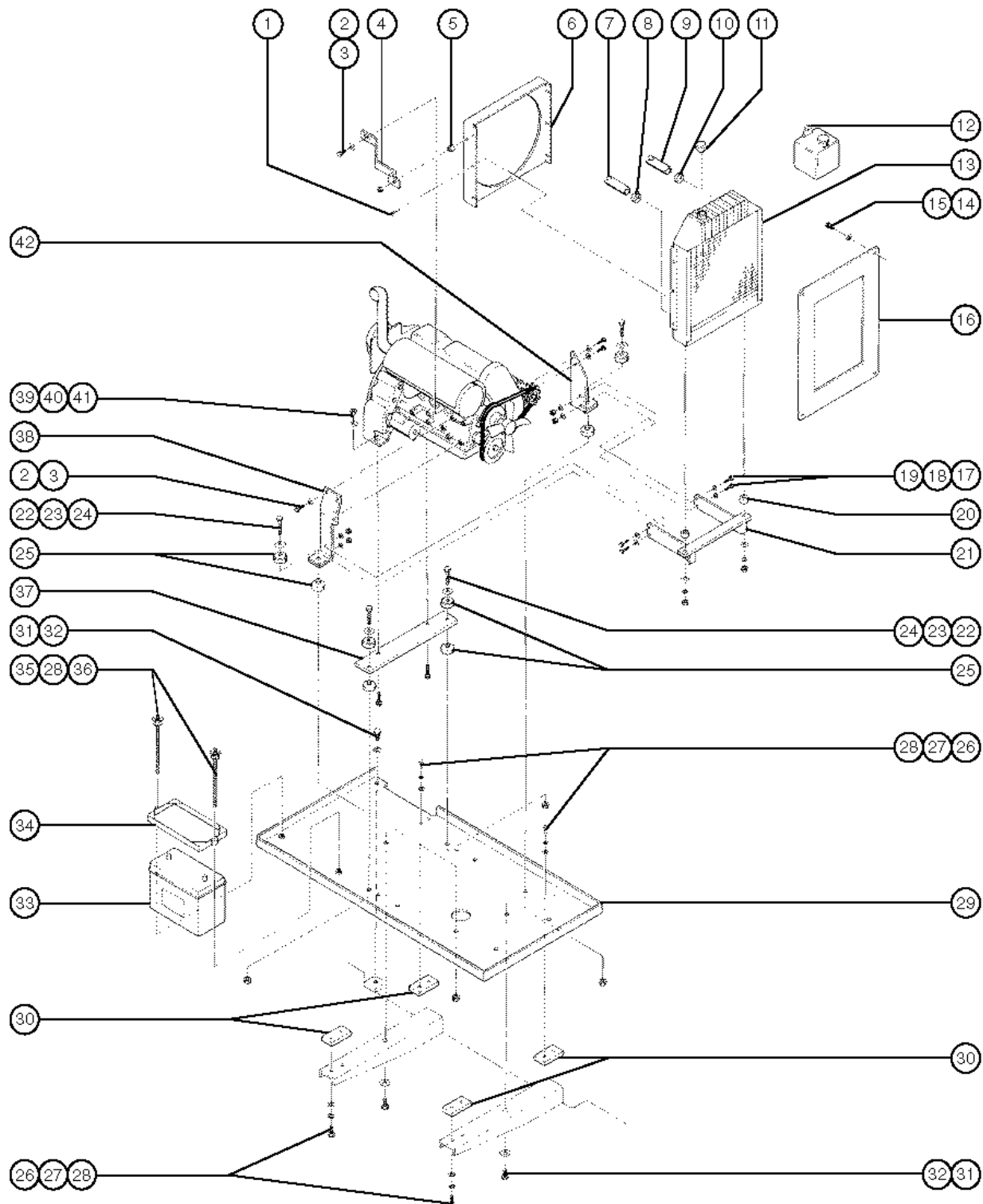
402.1 Ford Gasoline/LPG Engine - View 2
(continued)

Item	Part No.	Description	Qty.
48		Ref. Hose - 3/8 x 25 inches (63.5 cm), Regulator to Intake Manifold.....1	
49	24551	REGULATOR,LPG,BEAM #120A.....1	
--	32768	REGULATOR DIAPH.KIT BEAM 120A.....1	
50		Ref. Hose - 5/8 x 9.5 inches (24 cm), Regulator to Carburetor Venturi.....1	

402.1 Ford Gasoline/LPG Engine - View 2
(continued)

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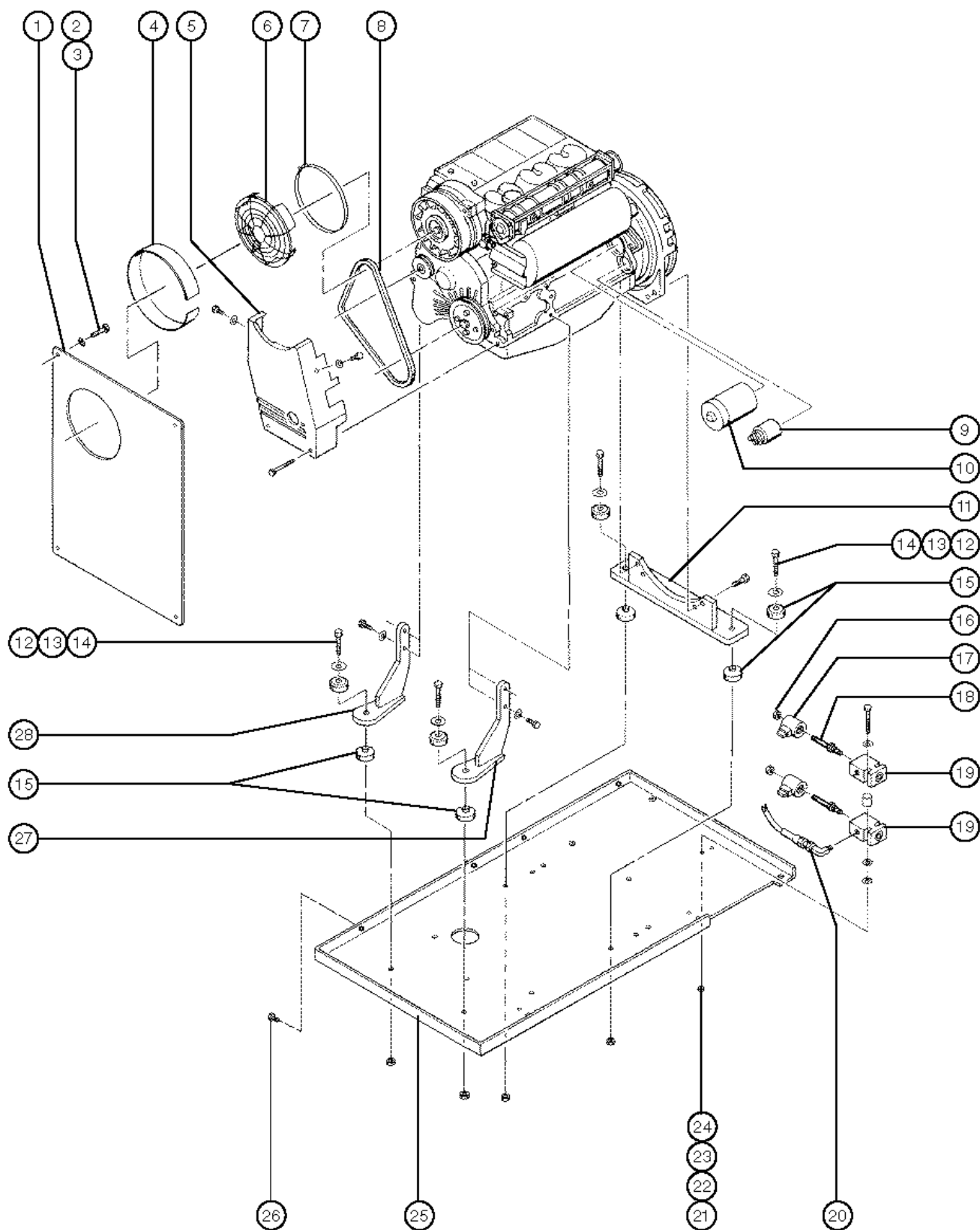
403.1 Ford Gasoline/LPG Engine - View 3



403.1 Ford Gasoline/LPG Engine - View 3

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	21018	SCREW,PHIL,PHM,10-24 X.38,SEMS.....	6	34	30144	BATTERY HOLD DOWN,GROUP 31.....	1
2	27034	SCREW,HHC,M10 X 25MM,GR 8.8.....	7	35	30784-975	THREADED ROD,(1/4-20),9.75.....	2
3	22700	WASHER,LOCK,M10.....	7	36	8170	NUT,WING,1/4-20.....	2
4	27022P	MOUNT,RAD.SUPPT.,RH,PAINTED.	1	37	28234P-S	PLATE,ENGINE MOUNT,PAINTED.....	1
5	33056	ISOLATOR,VIBRATION.....	2	38	29296	WELDMENT,FORD ENG.MNT,OUTBOARD.....	1
6	27639P	RADIATOR SHROUD,PAINTED.....	1	39	6198	NUT,NYLOCK,1/2-13.....	2
7	28769	HOSE,BOTTOM RADIATOR,FORD.....	1	40	6095	WASHER,FLAT,USS,1/2",Y.....	2
8	13014	CLAMP,HOSE,2.25" DIA.....	1	41	10598	SCREW,HHC,1/2-13 X 3.....	2
9	28770	HOSE,TOP RADIATOR,FORD.....	1	42	29297	WELDMENT,FORD ENG.MNT,INBOARD.....	1
10	45171	CLAMP,HOSE,1.75,LINED.....	1				
11	27943	CAP,RADIATOR,FORD***.....	1				
12	54071	COOLANT RETURN SYSTEM,Z45***.....	1				
13	27942	RADIATOR,FORD (LSG).....	1				
--	28717	VALVE,DRAIN,FORD,BLOCK,RAD..	1				
14	6175	SCREW,HHC,3/8-16 X 1.....	4				
15	6021	WASHER,LOCK,.375.....	4				
16	30720P	BAFFLE,AIR,FORD,PAINTED.....	1				
17	8516	SCREW,HHC,3/8-16 X 1.50,GR5....	4				
18	6097	WASHER,FLAT,USS,3/8",Y.....	8				
19	4828	NUT,NYLOCK,3/8-16.....	4				
20	24038	SHOCK MOUNT,SMALL.....	2				
21	27640	WELDMENT,RADIATOR MOUNT....	1				
22	6023	SCREW,HHC,5/8-11 X 3.5.....	4				
23	6035	WASHER,FLAT,USS,5/8",Y.....	4				
24	6024	NUT,NYLOCK,5/8-11.....	4				
25	28076	ISOLATOR,VIBRATION,LG,RD&WH***.	4				
26	6090	SCREW,HHC,1/4-20 X .75.....	8				
27	6356	WASHER,LOCK,.25.....	8				
28	6638	WASHER,FLAT,USS,1/4"Y.....	8				
29	30679-S	WELDMENT, ENGINE MODULE PLATE.....	1				
30	45209	WEAR PAD,4X2X.5 W/INSERT***....	4				
31	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	3				
32	13064	WASHER,FLAT,.625 HARDENED....	3				
33	30143	BATTERY,12V,1000 CCA GRP 31.....	1				

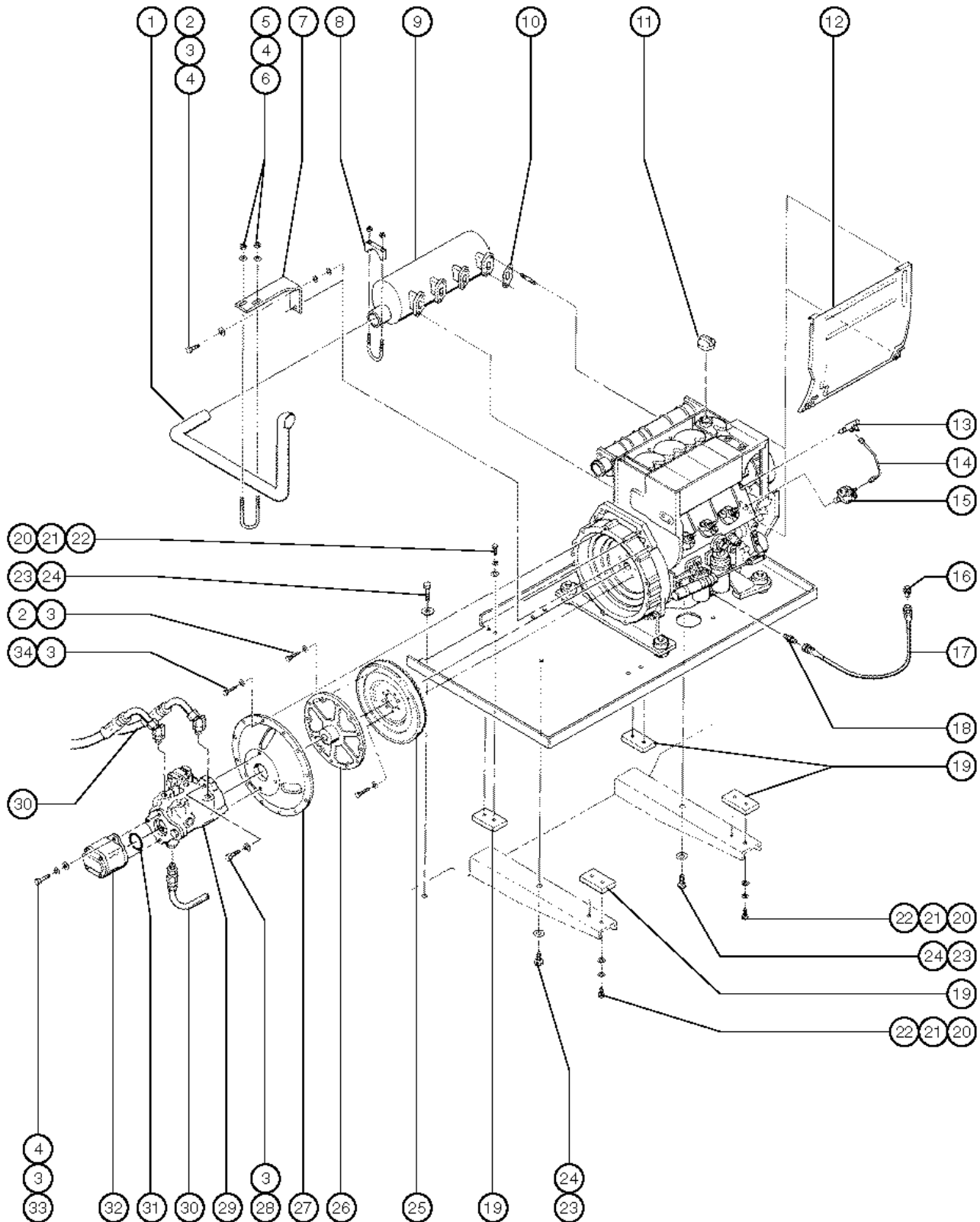
404.1 Deutz Diesel Engine - View 1



404.1 Deutz Diesel Engine - View 1

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

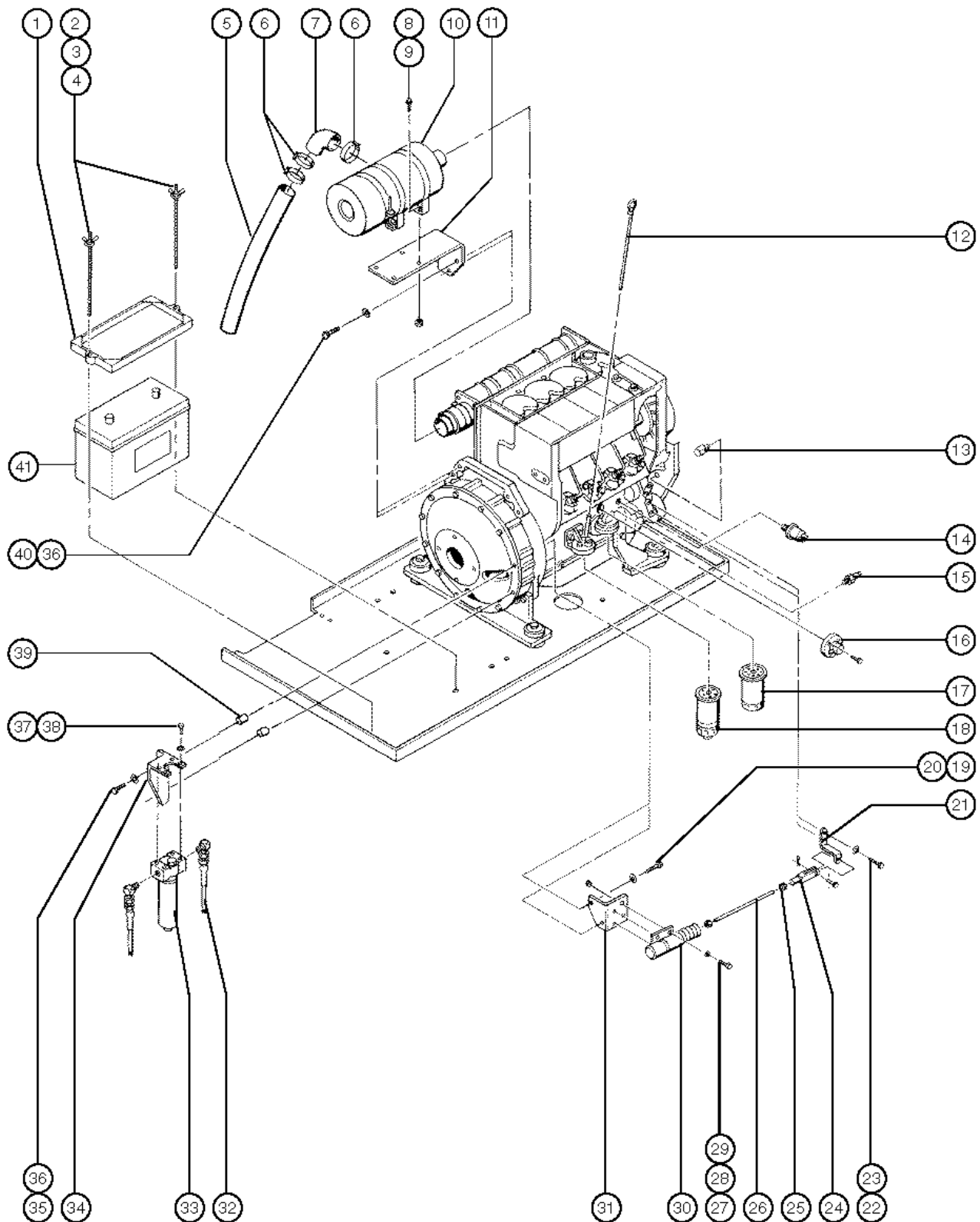
405.1 Deutz Diesel Engine - View 2



405.1 Deutz Diesel Engine - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34551	EXHAUST, TAILPIPE, DEUTZ.....	1	27	30806	FLYWHEEL COVER, CASTING***.....	1
2	6019	SCREW, HHC, 3/8-16 X 1.25 GRD 5.....	14	28	6605	SCREW, HHC, 3/8-16 X 3.5, GR5.....	2
3	6021	WASHER, LOCK, .375.....	27	29	37027	PUMP, VAR PISTON, 2.8 C.I.***.....	1
4	6097	WASHER, FLAT, USS, 3/8", Y.....	6	--	22965	EDC ASSY, SAUER, M46***.....	1
5	6002	NUT, LP NYLOCK, 5/16-18.....	2	--	29739	SEAL KIT, SAUER-DANFOSS M46***.....	1
6	16584	U-BOLT, KIT 5/16-18 X 2.5.....	1	--	32611	SHAFT, M46 15 TOOTH.....	1
7	27329P	BRACKET, EXHAUST SUPPRT, PAINT.....	1	30		Ref. Hydraulic Hoses & Fittings (refer to figure 509.1).....	1
8	30438	CLAMP, MUFFLER, 2 1/4" ID.....	2	31	29436	O-RING***.....	1
9	29558	MUFFLER**.....	1	32	53959	PUMP, LIFT 1.403 C.I.***.....	1
10	29559	GASKET, EXHAUST.....	4	--	58228	SEAL KIT***.....	1
11	29557	CAP, OIL FILLER, DEUTZ, DIESEL***.....	1	33		Ref. Screw - SHC, 3/8 -16 x 1 inch, GR 8.....	2
12	29556	COVER, SIDE ENGINE.....	1	34	6175	SCREW, HHC, 3/8-16 X 1.....	12
13	29563	INJECTOR.....	3				
14	29564	INJECTOR, FUEL LINE DEUTZ DSL.....	3				
15	32699	INJECTION PUMP, DEUTZ DIESEL.....	3				
16	19141	PLUG, MALE, 070109-6.....	1				
17	30964	HOSE ASSEMBLY, 33".....	1				
18	30963	CONNECTOR, M18 X 8 JIC.....	1				
19	45209	WEAR PAD, 4X2X.5 W/INSERT***.....	4				
20	6090	SCREW, HHC, 1/4-20 X .75.....	8				
21	6356	WASHER, LOCK, .25.....	8				
22	6638	WASHER, FLAT, USS, 1/4"Y.....	8				
23	29883	SCREW, HHC, 5/8-11 X 1.75 GRD.8.....	3				
24	13064	WASHER, FLAT, .625 HARDENED....	3				
25	33729	RING GEAR, DEUTZ F3 & F4L1011.....	1				
		(please verify ring gear thickness) 0.365 inches					
--	49917	RING GEAR, DEUTZ F3 & F4L1011F.....	1				
		(please verify ring gear thickness) 0.46 inches					
--	89785	RING GEAR, DEUTZ F3L2011F.....	1				
		(please verify ring gear thickness) 0.6 inches					
26	34380	FLYWHEEL COUPLING, TYPE FL...1					
--	32606	COUPLER, HUB, 15 TOOTH.....	1				

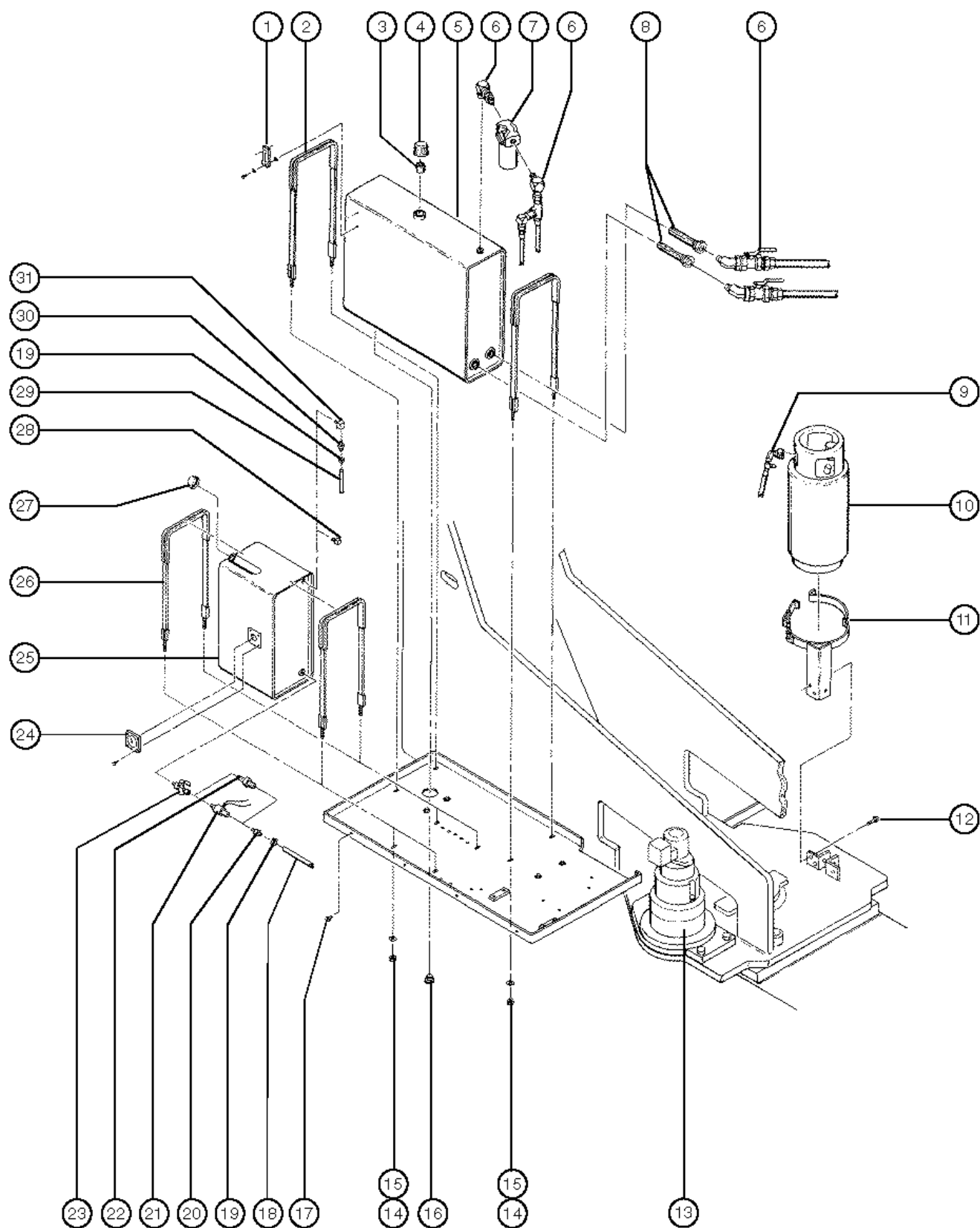
406.1 Deutz Diesel Engine - View 3



406.1 Deutz Diesel Engine - View 3

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	30144	BATTERY HOLD DOWN, GROUP 31.....	1	--	1254826	FUEL FILTER W/SEP, DEUTZ, 1008.....	1
2	30784-975	THREADED ROD, (1/4-20), 9.75.....	2			<i>Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.</i>	
3	6638	WASHER, FLAT, USS, 1/4"Y.....	2	19	23057	SCREW, HHC, M8 X 20MM.....	2
4	8170	NUT, WING, 1/4-20.....	2	20	6886	WASHER, LOCK, .313.....	2
5	34162-3600	HOSE, AIR INTAKE 2.5" I.D.....	1	21	33240P	BRACKET, ACTUATOR ARM MTG, PTD.....	1
6	30971	CLAMP, HOSE, 3.00".....	5	22	22578	SCREW, HHC, M6 X 20MM, GR8.8....	2
7	34164	ELBOW, 90 DEGR, RUBBER, 2.5" I.D.*.....	1	23	6356	WASHER, LOCK, .25.....	2
8	18506	5/16-18 X .75 LG. FLG. LCK. SCREW.....	4	24	21130	CLEVIS YOKE-1/4-28, PLTD W/PIN.....	1
9	6002	NUT, LP NYLOCK, 5/16-18.....	4			<i>includes clevis pin</i>	
10	27915	AIR CLEANER.....	1	25	21496	NUT, HEX, 1/4-28.....	2
		<i>does NOT include mounting bands</i>		26	30785-1500	THREADED ROD, 1/4-28 X 15 IN***.....	1
--	27916	FILTER, AIR, ELEMENT***.....	1	27	6090	SCREW, HHC, 1/4-20 X .75.....	4
--	53952	BRKT, AIR CLEANER ORIENTATION**.....		28	6638	WASHER, FLAT, USS, 1/4"Y.....	4
--	65815	CLAMP, AIR CLEANER (27915)**.....	1	29	6091	NUT, NYLOCK, 1/4-20.....	4
		<i>clamp that holds the end cap on</i>		30	29073	SOLENOID, THROTTLE,.....	1
11	30769P	BRCKET, AIR CLEANER MTG. PAINT.....	1	31	33241P	BRACKET, SOLENOID MTG, PAINTED.....	1
12	32750	DIPSTICK.....	1	32		Ref. Hydraulic Hoses & Fittings (refer to figure 509.1).....	1
13	T114678	SHUTDOWN SOLENOID, 12V, DEUTZ.....	1	33	77139	FILTER ASY, M PRESS, SAE8, WOIND*.....	1
		<i>(replaced 32752) (must order cable assembly, 58256, if replacing 32752) (does not include o-ring)</i>		--	20880	FILTER ELEMENT-10 MIC.***.....	1
--	45782	DIODE, 6 AMP, 200 PIV, BULK.....		34	30230P	FILTER MOUNT BRACKET.....	1
--	58256	SOLENOID CABLE ASSY***.....		35	6019	SCREW, HHC, 3/8-16 X 1.25 GRD 5.....	2
--	72255	CONNECTOR, DEUTZ FUEL SHUTOFF*.....		36	6021	WASHER, LOCK, .375.....	4
		<i>(does not include diode, 45782)</i>		37	7339	SCREW, HHC, 1/4-20 X .5.....	4
14	30805	SENDING UNIT, OIL PRESS., DEUTZ.....	1	38	6356	WASHER, LOCK, .25.....	4
15	34059	SENDING UNIT, OIL TEMP.....	1	39	8878	SPACER, .40X.50X.560.....	2
16	29562	PUMP ASSY, FUEL, DEUTZ DIESEL.....	1	40	6019	SCREW, HHC, 3/8-16 X 1.25 GRD 5.....	2
17	29561	FILTER, OIL.....	1	41	30143	BATTERY, 12V, 1000 CCA GRP 31.....	1
18	29560	FILTER, FUEL/WTR SEP, DTZ 1008.....	1				
		<i>Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.</i>					

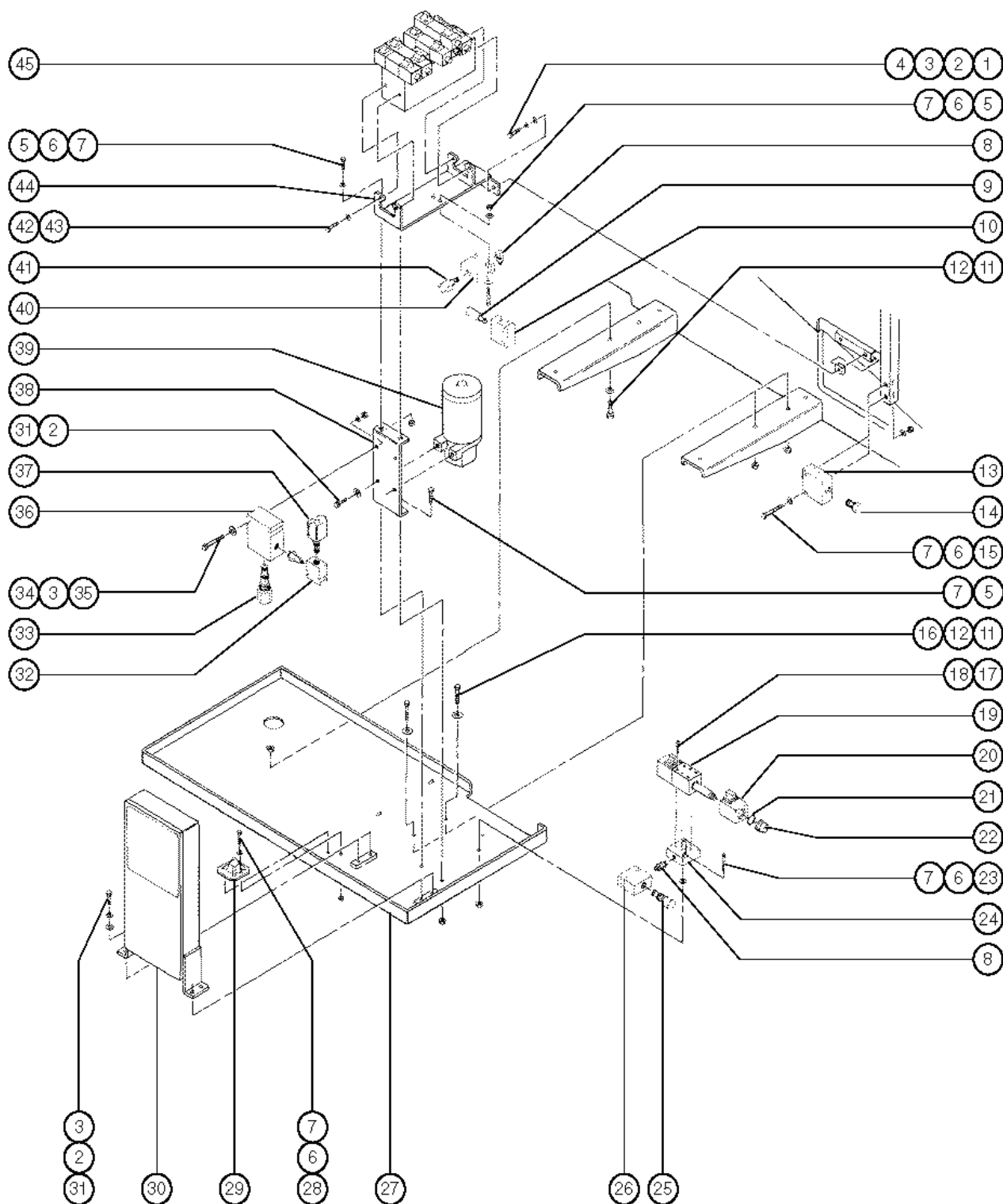
501.1 Hydraulic and Fuel Tanks



501.1 Hydraulic and Fuel Tanks

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

502.1 Function Manifold and Hydraulic Power Unit Installation



502.1 Function Manifold and Hydraulic Power Unit Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6175	SCREW,HHC,3/8-16 X 1.....	2	30		Ref. Ground Controls (refer to figures 505.1 or 506.1).....	1
2	6021	WASHER,LOCK,,375.....	8	31	8255	SCREW,HHC,3/8-16 X .75.....	6
3	6097	WASHER,FLAT,USS,3/8",Y.....	6	32	34337	VALVE,SOLENOID N/O POPPET....1 <i>includes index number 37</i>	1
4	29868	SPRING CLIP,3/8-16.....	6	33	33454	VALVE,DIRECT.2POS-2WAY(34338).1	1
5	4266	SCREW,HHC,1/4-20 X 2.....	6	34	14033	SCREW,HHC,3/8-16 X 2.75.....	2
6	6638	WASHER,FLAT,USS,1/4"Y.....	18	35	7713	NUT,LP NYLOCK,3/8-16.....	2
7	6091	NUT,NYLOCK,1/4-20.....	14	36	34338	VALVE,DIRECTIONAL,2POS.2WAY.1 <i>includes index number 33</i>	1
8		Ref. Hydraulic Hoses & Fittings (refer to figure 509.1).....	14	37	29743	VALVE,SOLENOID.....	1
9	33451	VALVE,RELIEF 200 PSI (34546)....	1	--	29744	COIL,10V.....	1
10	34546	VALVE,RELIEF 200 PSI.....1 <i>includes index number 9</i>	1	--	45912	NUT,SOLENOID,2POS 3WAY.....	1
11	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	3	38	30718P	BRACKET,AUX.PUMP MNT.PAINTED.....	1
12	13064	WASHER,FLAT,.625 HARDENED....	3	39	32963	GASKET,0.001,AMBER (32810)....	1
13	34548	VALVE,FLOW REGULATOR .30 GPM.....1 <i>includes index number 14</i>	1	39	89617	POWER UNIT,AUX PUMP 12VDC.....1 <i>complete, replaces 32811</i>	1
14	33452	VALVE,FLOW REG.,1 GPM (34548).....	1	--	147289	SEAL KIT, APU <i>use with APU 89617</i>	
15	6090	SCREW,HHC,1/4-20 X .75.....	4	--	147290	SHAFT SEAL, APU <i>use with APU 89617</i>	
16	6024	NUT,NYLOCK,5/8-11.....	3	--	32948	COUPLER,PUMP TO MOTOR (32810).....1 <i>use with APU 32811</i>	1
17	45916	SCREW,SHC,10-24 X 1.250 (D01).....	4	--	32949	MOTOR,12V DC (32810/32811)APU.....1 <i>use with APU 32811</i>	1
18	6607	WASHER,LOCK,#10 PLTD.....	4	--	32955	END HEAD, 32810 POWER UNIT...1 <i>use with APU 32811</i>	1
19	146160	VALVE KIT,D03.....1 <i>includes index numbers 20 through 22</i>	1	--	32959	BALL,CHECK (32810).....1 <i>use with APU 32811</i>	1
20	233763	COIL, WITH DE CONNECTOR.....	2	--	32962	GASKET,0.0005,SILVER (32810)....	1
21	45914	O-RING, DO1 VALVE.....	2	--	32964	GASKET,0.00075,GOLD (32810)....	1
22	45913	NUT,DO1 VALVE.....	2	--	32967	GASKET,PUMP TO DC MTR.(32810).....1 <i>use with APU 32811</i>	1
--	33568	NUT, CP521-1 VALVE.....	2	--	33455	PUMP, AUX. POWER UNIT.....1 <i>use with APU 32811</i>	1
23	30444	SCREW,SHC,1/4-20 X 2.....	2	--	58489	PUMP ASSY,AUX.POWER UNIT 89617 <i>use with APU 89617</i>	
24	24675	SUB PLATE (SPOOL VALVE).....	1				
25	33453	VALVE,FLOW REG.,3.5GPM (34543).....	1				
26	34543	VALVE,FLOW REGULATOR 3.5 GPM.....1 <i>includes index number 25</i>	1				
27	30677	WELDMENT,HYD TANK MODULE.....	1				
28	6888	SCREW,HHC,1/4-20 X 1.....	2				
29	44586	SENSOR,LEVEL 4.5***.....	1				

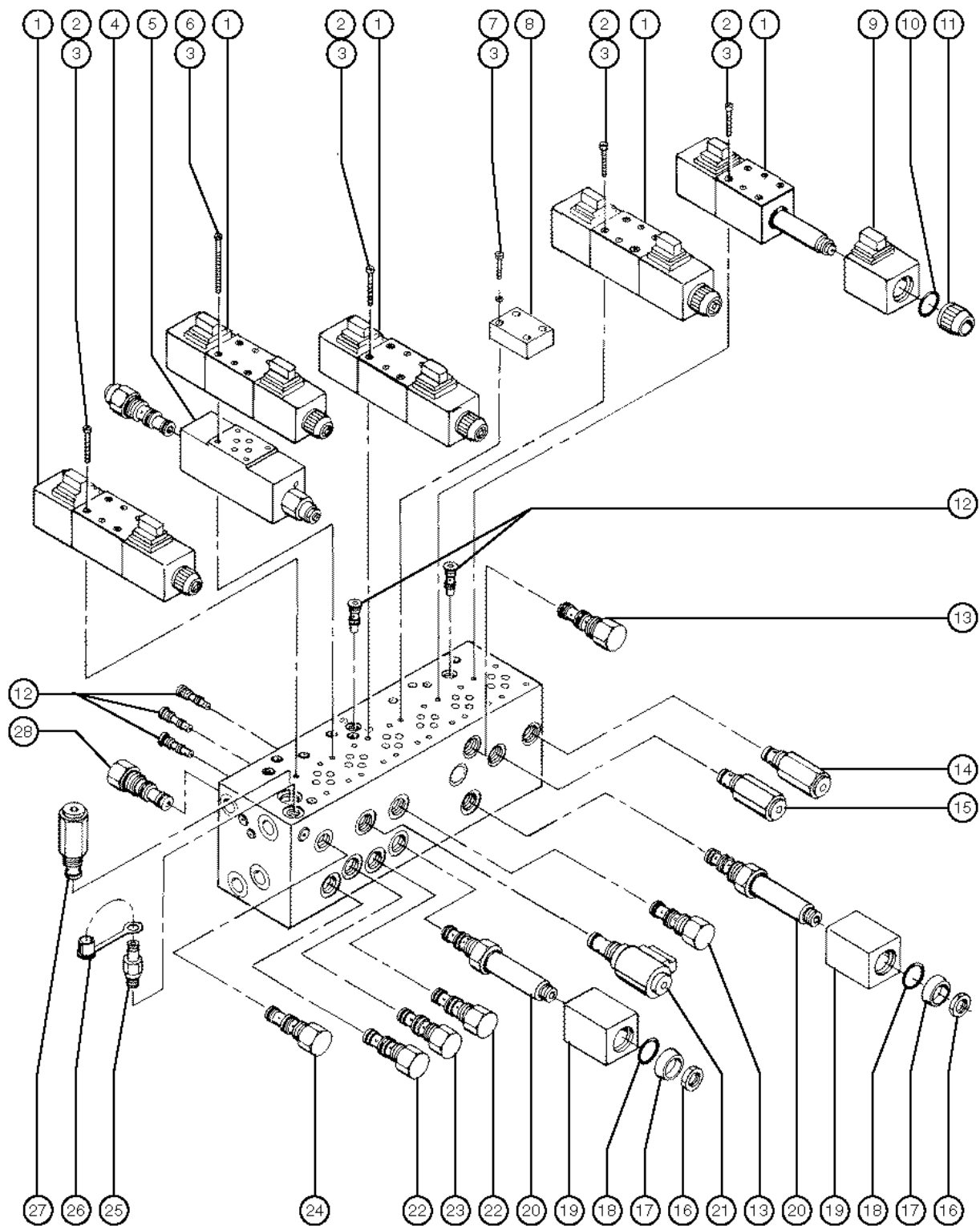
502.1 Function Manifold and Hydraulic Power Unit Installation (continued)

Item	Part No.	Description	Qty.
--	77069	MOTOR,12VDC,77066 <i>use with APU 89617</i>	
--	77071	SOLENOID,77066 <i>use with APU 89617</i>	
40	34549	VALVE,SOLENOID N/O POPPET....1 <i>includes index number 41</i>	
41	33456	VALVE,SOLENOID (34545).....1	
--	19782	Nut - Solenoid Valve.....1	
--	27814	COIL,SOLENOID,10V.....1	
42	13002	SCREW,HHC,5/16-18 X 1 GR5.....4	
43	6886	WASHER,LOCK,.313.....4	
44	30703	WLDMT.FUNCTION MAN. MNT. S40.....1	
45	30668	MANIFOLD,FUNCTN S40,S60,S80.....1	

502.1 Function Manifold and Hydraulic Power Unit Installation
(continued)

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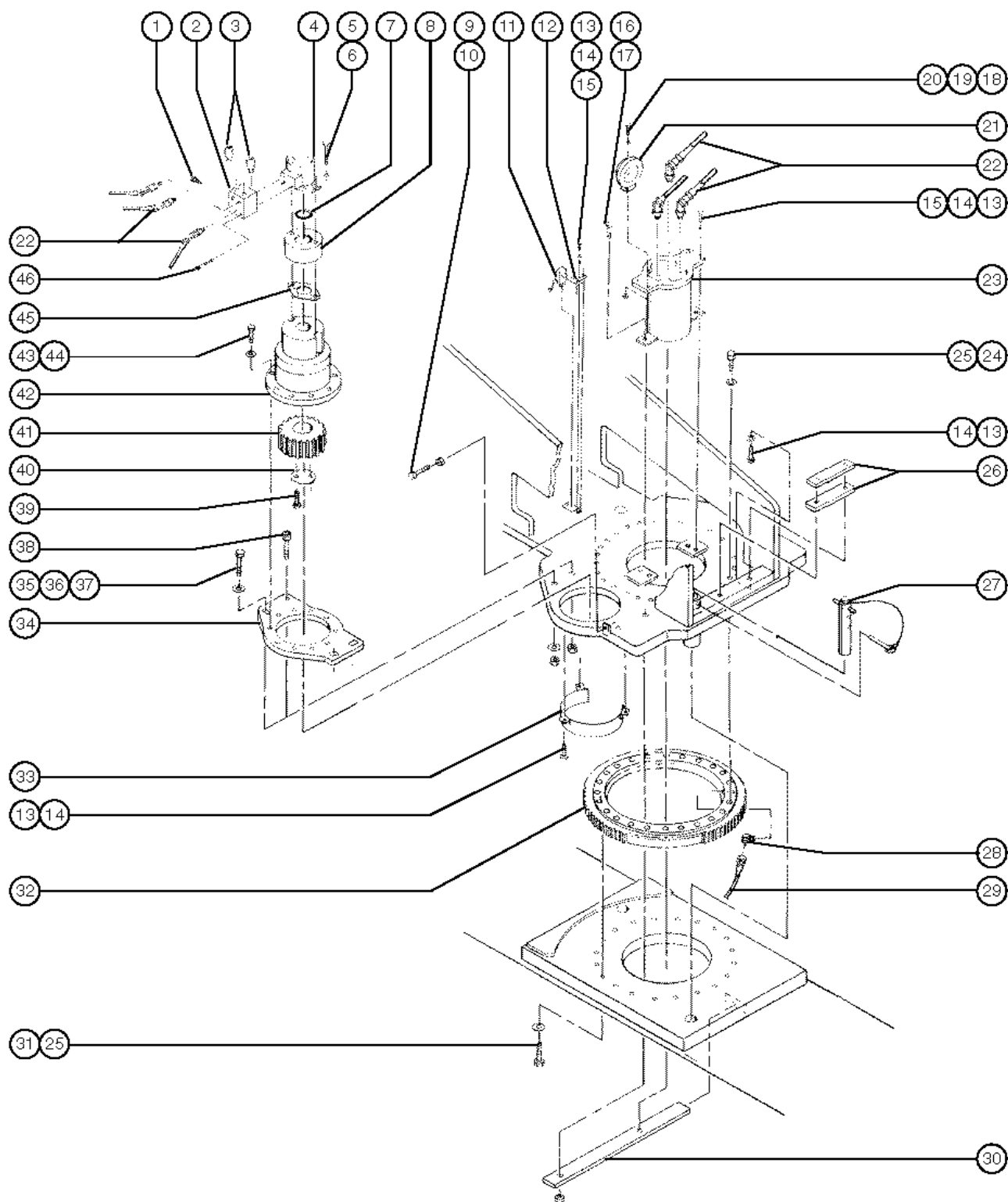
503.1 Function Manifold



503.1 Function Manifold

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	25375	SEAL KIT (ALL MANIFOLDS)		15	52415	VALVE,RELIEF,2200 PSI***.....	1
--	Ref.	FUNCTION MANIFOLD <i>Pervious manifold part 30668 is no longer available. For a complete manifold replacement, customers must contact Genie service department</i>		16	45921	RETAINER-N.C.PROPOR.SOLENOID.2	
				17	45921	RETAINER-N.C.PROPOR.SOLENOID.2	
1	Ref.	VALVE,DO1.....6 <i>Pervious DO1 valve 27811 is no longer available. For replacement must order DO3 valve 146165 and service bolt kit 41774</i>		18	45914	O-RING, DO1 VALVE.....	2
--	146165	VALVE KIT,D03 <i>kit comes with two inch screws, if customer needs four inch screws refer to 40617.</i>		19	21935	COIL, 12V, 19972/21623/29069.....	2
--	29743	VALVE,SOLENOID <i>use with DO3</i>		20	27801	VALVE,PROPORTIONAL SOLENOID***.....	2
2	45916	SCREW,SHC,10-24 X 1.250 (D01).....	20	21	27803	VALVE,SOLENOID.....	1
--	41774	BOLT KIT,D03 <i>use with DO3</i>		--	27814	COIL,SOLENOID,10V.....	1
3	6607	WASHER,LOCK,#10 PLTD.....	4	--	52943	NUT,SOLENOID VALVE.....	1
4	31262	VALVE,COUNTERBALANCE.....	2	22	31100	VALVE,FLOW REGULATOR 0.6GPM.....	2
5	31261	VALVE,COUNTERBALANCE SANDWICH.....	1	23	27804	VALVE,DIFFERENTIAL SENSING***.....	1
		<i>includes index number 3</i>		24	31099	VALVE,FLOW REGULATOR.....	1
6	27812	SCREW,SHC,10-24 X 3.....	4	25	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....	1
7	32661	SCREW,SHC,10-24 X 1 (D01).....	4	--	20224	DIAGNOSTIC FEMALE Q-DSCNT.....	1
8	32662	COVER PLATE (30668).....	1	26	48880	CAP,DIAGNOSTIC NIPPLE.....	1
9	27813	COIL,D01,10V***.....	12	27	32663	VALVE,RELIEF 2600 PSI.....	1
--	29744	COIL,10V <i>use with DO3</i>		28	34542	VALVE,FLOW REGULATOR 5.0 GPM.....	1
10	45914	O-RING, DO1 VALVE.....	12				
--	48648	O-RING, D03 COIL <i>use with DO3</i>					
11	45913	NUT,DO1 VALVE.....	12				
--	48649	NUT-D03 COIL <i>use with DO3</i>					
12	27807	VALVE,CHECK***.....	5				
13	27802	VALVE,DIFFERENTIAL SENSING***.....	2				
14	32765	VALVE,RELIEF.....	1				

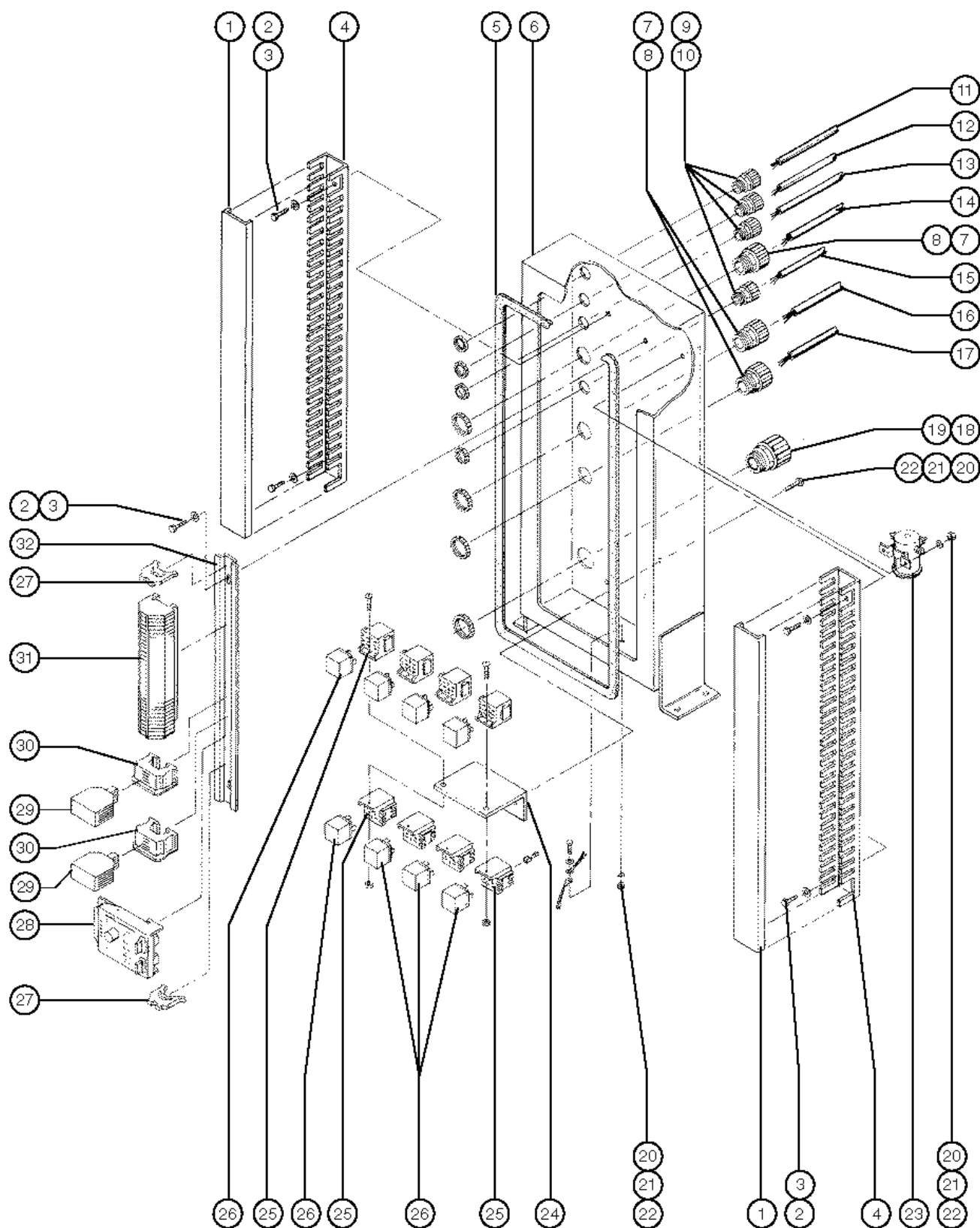
504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation



504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	45483	VALVE,SHUTTLE***	1	24	20654	SCREW,SHC,5/8-11 X 3.50,A574	30
2	33446	MANIFOLD ASSY,T.T. (34114) <i>includes index numbers 1 and 3</i>	1	25	13064	WASHER,FLAT,.625 HARDENED	48
--	31519	O-RING (2-114)	1	26	25635	PAD,NYLON-12 X 2 X 0.625 INCH	2
3	31082	VALVE,COUNTERBALANCE 2500 PSI*	2	27	33471	PIN ASSEMBLY,TURNTABLE ROTAT	1
4	32952	MOTOR,TURNTABLE ROT.(34114)** <i>includes index numbers 1 through 3</i>	1	--	11637	PIN ASSY, RETAINER, SS I & II	1
--	33445	SEAL KIT,DRIVE MOTOR (32952)	1	28	20630	ELBOW,070202-4-4	1
5	13854	SCREW,HHC,1/2-13 X 4.5,GRD.8	2	29	34562	HOSE ASSEMBLY, 177"	1
6	13066	WASHER,FLAT,.5 HARDENED	2	30	34214P	BAR,HYD.SWIVEL MOUNT PAINTED	1
7	22811	O-RING,MOTOR TO BRAKE***	1	31	21175	SCREW,SHC,5/8-11 X 4,A574	18
8	29422P	BRAKE,S6O SWING/Z45 DRIVE <i>includes index numbers 7 and 45</i>	1	32	30895	BEARING,TURNTABLE	1
--	29291	SEAL KIT,MICO	1	--	227785	BEARING TURNTABLE SEAL***	
--	29292	BRAKE,LINING KIT,MICO	1	33	73862	FORMING,PINION GUARD	1
--	29293	BEARING KIT,MICO	1	34	34330	PLATE,BACKLASH ADJUSTMENT	1
9	5224	SCREW,HHC,3/8-16 X 2	1	35	34347	SCREW,HHC,3/4-10 X 4.5	3
10	4828	NUT,NYLOCK,3/8-16	1	36	33278	WASHER,FLAT,.75 HARDENED	3
11	96948	SWITCH,LIMIT,W/ROLLER ARM***	1	37	10258	NUT,NYLOCK,3/4-10	3
--	19491	CONTACTOR,LIMIT SWITCH	1	38	34710	SCREW,SHS,5/8-11 X 3	1
--	97128	ROLLER ARM,LIMIT SWITCH***	1	39	65875	SCREW,FHS,1/2-13 X 1 (34363)	2
12	53632P-S	BRKT,LIM SW,DRIVE ENBL,PAINTED	1	40	34364	RETAINER PLATE	1
13	6090	SCREW,HHC,1/4-20 X .75	7	41	34363	PINION GEAR(SET)	1
14	6356	WASHER,LOCK,.25	7	42	32953	TORQUE HUB,55:1 (34114)	1
15	6638	WASHER,FLAT,USS,1/4"Y	2	--	33447	SEAL KIT,TORQUE HUB (32953)	1
16	8177	SCREW,HHC,1/2-13 X 1.5	2	43	33557	SCREW,HHC,3/4-10 X 2.00,GR5	10
17	6198	NUT,NYLOCK,1/2-13	2	44	34550	WASHER,LOCK,.75 PLTD	13
18	13918	SCREW,HHC,3/8-16 X 1.75,GRD.8	4	45	19794	GASKET,BRAKE ASSY	1
19	6097	WASHER,FLAT,USS,3/8",Y	4	46		Ref. Screw - SHC, 5/16 -18 x 3 inches	4
20	4828	NUT,NYLOCK,3/8-16	4				
21	56264	HORN,12V SCREW TERMINAL ***	1				
22		Ref. Hydraulic Hoses & Fittings (refer to figure 509.1)	1				
23	34203P	SWIVEL,HYD.9PORT	1				
--	33470	SEAL KIT,HYD ROTARY COUPLER <i>for swivel 34203 (with stamp 800145B)</i>	1				

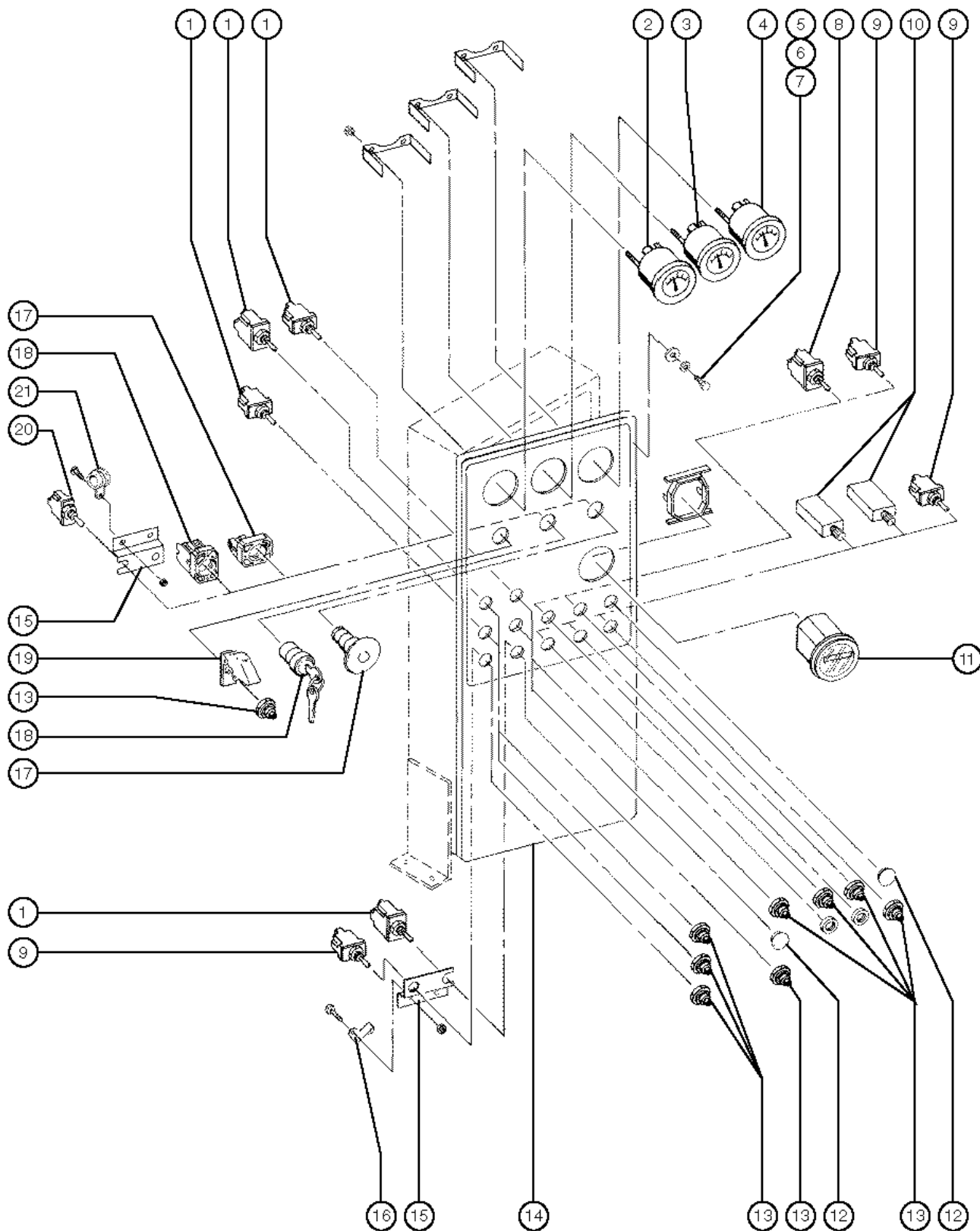
505.1 Ground Controls - View 1



505.1 Ground Controls - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	29607	WIRING DUCT/COVER, 1 X 72 IN**.....46-inches		--	34054	TERM,RELAY N-INSULATED 10-12 G.....5	
2	6090	SCREW,HHC,1/4-20 X .75.....7		--	34055	TERM RELAY,N-INSULATE 14-16 GA.....5	
3	6356	WASHER,LOCK,.25.....6		--	34056	TERM,RELAY,N-INSULATE 18-20 GA.....5	
4	29607	WIRING DUCT/COVER, 1 X 72 IN**.....46-inches		26	34052	RELAY,SPDT,12V(AUTO) PLUG IN**.....8	
5	121599	GASKET,GBOX,S80/85 2008.....1				<i>Gasoline/LPG models</i>	
6	33472	CONTROL BOX W/ DECAL,GROUND.....1 <i>includes index number 5</i>		--	34052	RELAY,SPDT,12V(AUTO) PLUG IN**.....5	
7	12960	CABLE SQUEEZE CONN.,XTRA LRG.....3				<i>Deutz Diesel models</i>	
8	14041	LOCKNUT,ELECTRIC,3/4".....3		27	25974	PLASTIC END STOP.....2	
9	7056	CONN,SQUEEZE,1/2NPT .38-.50,SM.....4		28	56057	MODULE,IGNITION/START,12/24V.1	
10	6935	LOCKNUT,ELEC,1/2".....4		--	33551	FUSE,3 AMP.....1	
11	6562	WIRE CABLE,16/4 SJO,BULK.....270-inches		29	25807	DIODE BLOCK SUPPRESSION.....2	
12	6562	WIRE CABLE,16/4 SJO,BULK.....220-inches		30	25808	CARRIER TERMINAL(5 PER BLOCK).....2	
13	6562	WIRE CABLE,16/4 SJO,BULK.....95-inches		31	25836	TERMINAL BLOCK(SINGLE),WAGO***.....50	
14	35934	WIRE CABLE,18/19 CON.TPRJKT.....1200-inches		--	45782	DIODE,6 AMP,200 PIV,BULK.....50	
15	30794	WIRE,12/3 SJEOW,BULK,BLK-WHT-G.1200-inches		32	28310	DIN RAIL,23.75".....1	
16	35934	WIRE CABLE,18/19 CON.TPRJKT.....1200-inches					
17	35934	WIRE CABLE,18/19 CON.TPRJKT.....68-inches					
18	20776	CABLE SQUEEZE CONN.....1					
19	18665	LOCKNUT,ELECTRIC,1" NPT.....1					
20	6888	SCREW,HHC,1/4-20 X 1.....5					
21	6638	WASHER,FLAT,USS,1/4"Y.....5					
22	6091	NUT,NYLOCK,1/4-20.....5					
23	27155	SOLENOID,12V CONTINUOUS***.....1					
24	34057P	ANGLE,RELAY MOUNTING,PAINTED.....1					
25	34053	ASSY,RELAY SOCKET, AUTO.....8 <i>Gasoline/LPG models; terminals not included</i>					
--	34053	ASSY,RELAY SOCKET, AUTO.....5 <i>Deutz Diesel models; terminals not included</i>					

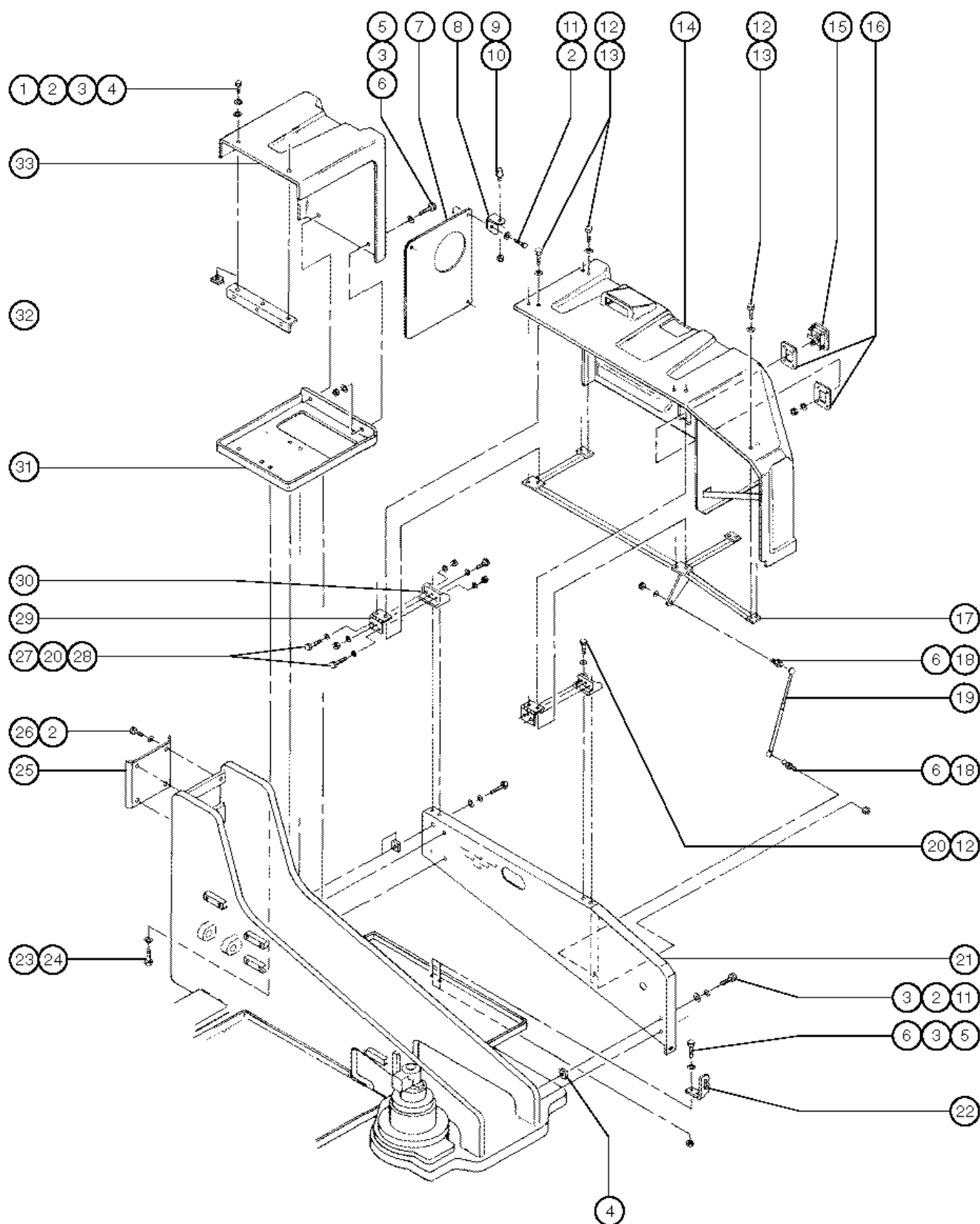
506.1 Ground Controls - View 2



506.1 Ground Controls - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	128202	SWITCH TOGGLE ASSY DPDT 3P MOM.....4 <i>includes mounting fasteners</i>		--	122366	KEYSWITCH,CONTACTS LOCK.....1	
2	53759-S	GAUGE,WATER TEMP.....1 <i>includes mounting bracket</i>		--	122606	KIT,KEYSWITCH SVC BB&SM CE.....1 <i>(CE models)</i>	
3	53758-S	GAUGE,OIL PRESSURE W/O SENDER.....1 <i>includes mounting bracket</i>		--	66811	KEYSWITCH,3POS.MNTND.DR WKEY**.....1 <i>includes keyswitch and two keys, not included: base or contacts.</i>	
4	53761-S	GAUGE,VOLTAGE.....1 <i>includes mounting bracket</i>		--	66816	CONTACT,N.O.....1	
5	6090	SCREW,HHC,1/4-20 X .75.....3		--	66821	BASE,WITHOUT CONTACTS.....1	
6	6356	WASHER,LOCK,.25.....3		19	13471	COVER, AUXILIARY POWER SWITCH.....1	
7	6638	WASHER,FLAT,USS,1/4"Y.....3		20	128201	SWITCH TOGGLE ASSY DPDT 2P MOM.....1 <i>includes mounting fasteners</i>	
8	128205	SWITCH TOGGLE ASSY DPDT 2P MNT.....1 <i>includes mounting fasteners</i>		21	13268	CLAMP,0.75,#12 X 1/4,RUB CUSH.....1	
9	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....3 <i>includes mounting fasteners</i>					
10	147094	ASSY, CIRCUIT BREAKER 15A....2 <i>includes mounting fasteners</i>					
11	19506	HOUR METER,10-80 VOLTS***.....1 <i>includes mounting bracket</i>					
12	229567	PLUG, SANTOPRENE .5 BLACK DOME.....2					
13	27246	BOOT,TOGGLE SWITCH,SHORT*.....9					
14	33472	CONTROL BOX W/ DECAL,GROUND.....1					
--	121599	GASKET,GBOX,S80/85 2008.....1					
15	54525	BRACKET-PANEL-WIRE MOUNTING 99.....2					
16	27287	RESISTOR,10 OHM,25 WATT.....1					
17	122514	KIT,ESTOP SVC BB&SM BOOM....1					
--	146478	BOOT(BELLOWS),E-STOP,BLACK					
--	66812	BUTTON,PUSH,RED MUSHROOM HEAD.....1					
--	66818	CONTACT,NC.....1 <i>includes 2 each N.C. Contacts</i>					
--	66821	BASE,WITHOUT CONTACTS.....1					
18	122512	KIT,KEYSWITCH SVC BB & SM BOOM.....1 <i>(ANSI, CSA and Australia models), includes parts 66811, 66821, 66816and 122366KEYSWITCH,CONTACTS LOCK</i>					

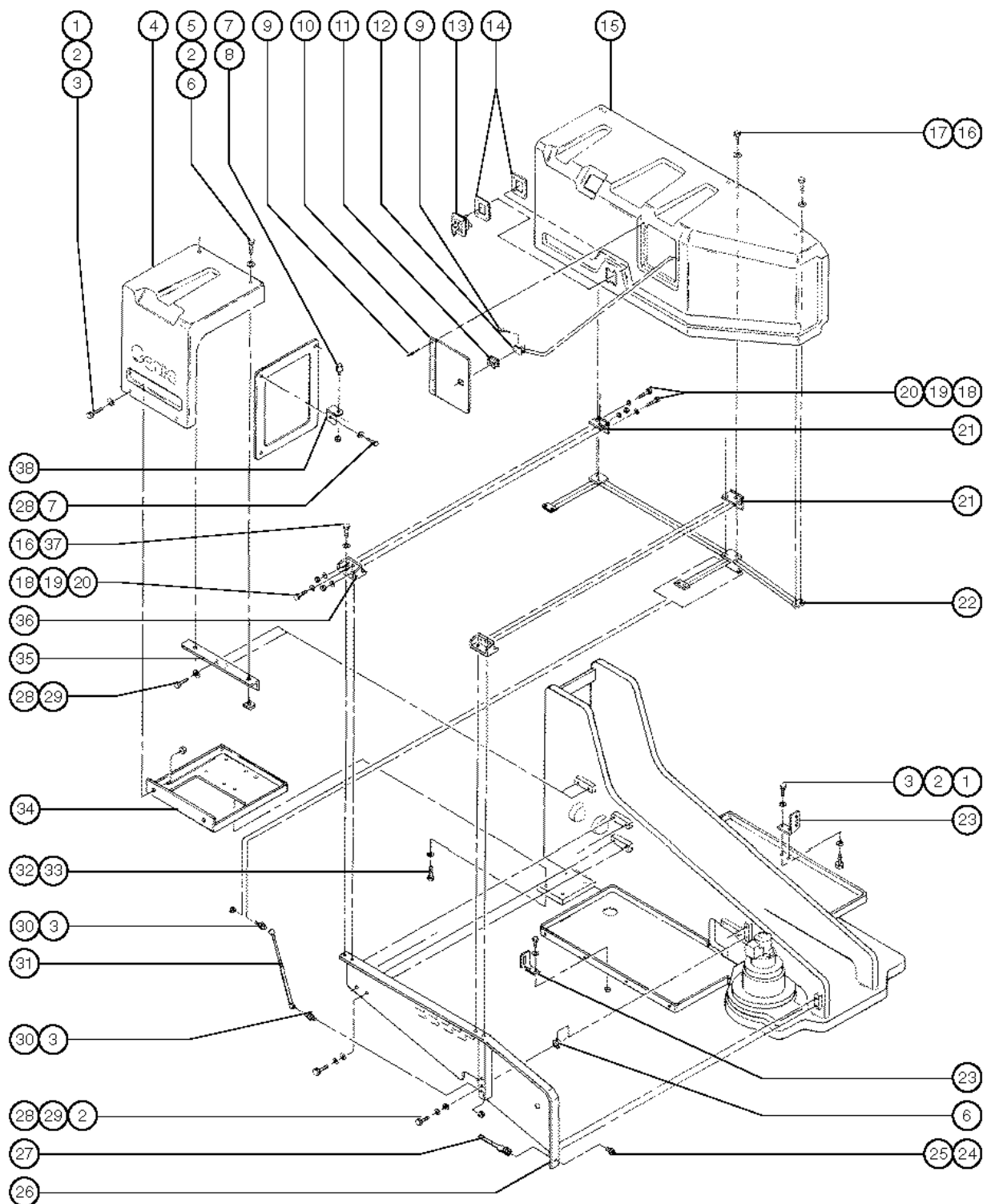
507.1 Turntable Covers - Engine Side



507.1 Turntable Covers - Engine Side

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	8516	SCREW,HHC,3/8-16 X 1.50,GR5.....	2	25	34329P	COVER,REAR TURNTABLE PNTD.....	1
2	6021	WASHER,LOCK,,.375.....	16	26	8255	SCREW,HHC,3/8-16 X .75.....	4
3	6097	WASHER,FLAT,USS,3/8",Y.....	11	27	6888	SCREW,HHC,1/4-20 X 1.....	6
4	29868	SPRING CLIP,3/8-16.....	8	28	6091	NUT,NYLOCK,1/4-20.....	6
5	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	3	29	75073	HINGE,.375X.120THK.,SLOTTED...2	
6	4828	NUT,NYLOCK,3/8-16.....	8	30	35949P-S	BRACKET,COVER HINGE,BLUE.....	2
7	30720P	BAFFLE,AIR,FORD,PAINTED.....1 <i>Gasoline/LPG models</i>		31	32426	PLATE,TITLBACK HINGE SPACER.....	1
--	30721P	BAFFLE,AIR,DEUTZ,PAINTED.....1 <i>Deutz Diesel models</i>		32	34237P	BRACKET,COVER SUPPORT,PAINTED.....	1
8	53033P-S	BRKT,TRNTBL,COV ADJ,RH,PAINTED.....	1	33	30976	COVER,COUNTERWEIGHT.....	1
9	30973	BUMPER,RUBBER-1 X 1.25.....	1				
10	18504	NUT,LOCKING-LG.FLANGE,1/4-20.1					
11	6175	SCREW,HHC,3/8-16 X 1.....	10				
12	8915	SCREW,HHC,1/4-20 X 1.25.....	12				
13	12906	WASHER,FENDER,.25 X 1.25 X.062.....	6				
14	32758	COVER ASSY,ENGINE,GAS/LPG...1 <i>Gasoline/LPG models; includes index numbers 15 and 16</i>					
--	33554	COVER ASSY, ENG. SIDE DIESEL**.....1 <i>Deutz Diesel models; includes index numbers 15 and 16</i>					
15	28125	LATCH,FLUSH CUP***.....	2				
--	29314	KEY,LATCH, 1 PAIR (28125).....	2				
--	33510	LOCK PLUG ASSY, (28125).....	2				
16	28471	PLATE,SWING COVER LATCH.....	4				
17	30760	COVER SUPPORT WELDMENT RH.....	1				
18	33555	BALL STUD**.....	2				
19	28301	GAS STRUT,250 LBS FORCE***.....	2				
--	27377	RETAINER,GAS SPRING***.....	2				
20	6638	WASHER,FLAT,USS,1/4"Y.....	16				
21	30744	COVER SUPPORT WELDMENT RH.....	1				
22	30277P	COVER LATCH ANGLE,PAINTED.....	2				
23	6096	SCREW,HHC,1/2-13 X 2 GR5.....	2				
24	6095	WASHER,FLAT,USS,1/2",Y.....	2				

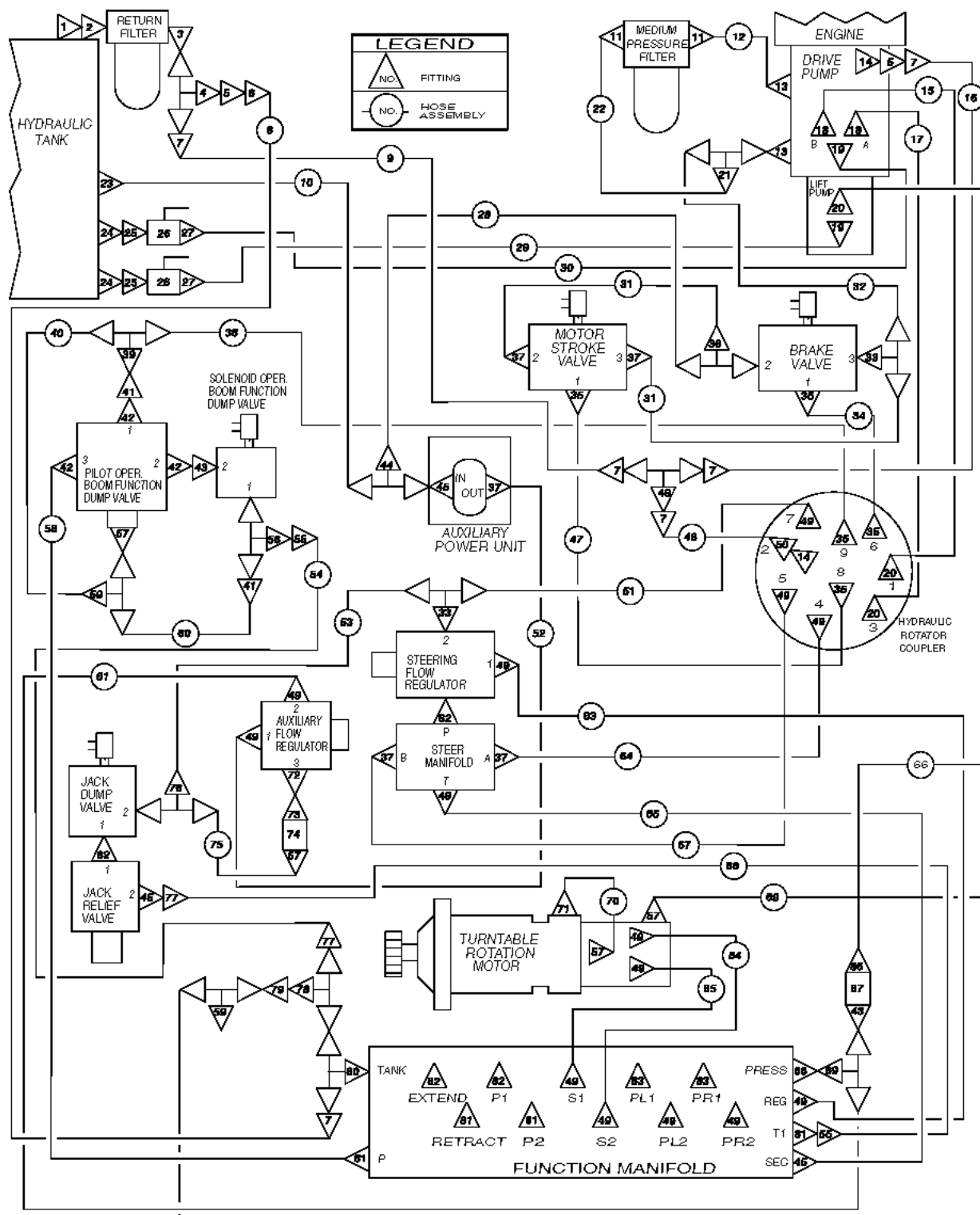
508.1 Turntable Covers - Tank Side



508.1 Turntable Covers - Tank Side

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	4	31	28301	GAS STRUT,250 LBS FORCE***.....	2
2	6097	WASHER,FLAT,USS,3/8",Y.....	10	--	27377	RETAINER,GAS SPRING***.....	2
3	4828	NUT,NYLOCK,3/8-16.....	6	32	6096	SCREW,HHC,1/2-13 X 2 GR5.....	4
4	30976	COVER,COUNTERWEIGHT.....	1	33	6095	WASHER,FLAT,USS,1/2",Y.....	4
5	8516	SCREW,HHC,3/8-16 X 1.50,GR5.....	2	34	32426	PLATE,TITLBACK HINGE SPACER.....	1
6	29868	SPRING CLIP,3/8-16.....	8	35	34237P	BRACKET,COVER SUPPORT,PAINTED.....	1
7	30973	BUMPER,RUBBER-1 X 1.25.....	1	36	35949P-S	BRACKET,COVER HINGE,BLUE.....	2
8	18504	NUT,LOCKING-LG.FLANGE,1/4-20.1		37	6356	WASHER,LOCK,,.25.....	4
9	8920	RIVET,ALUM,ALUM,P,.156 X .375.....	7	38	30965P	BRACKET,T.T.COVER ADJ.LH,PNTD.....	1
10	30751P	COVER,LOWER CONT. BOX PAINTD.....	1				
11	30468	LATCH,SLIDE, FLUSH MOUNT STYLE.....	1				
12	30486	DOOR CATCH,BASE CONTROL BOX.....	1				
13	28125	LATCH,FLUSH CUP***.....	2				
--	29314	KEY,LATCH, 1 PAIR (28125).....	2				
--	33510	LOCK PLUG ASSY, (28125).....	2				
14	28471	PLATE,SWING COVER LATCH.....	4				
15	32756	COVER ASSY,TANK SIDE,T.TABLE.....	1				
		<i>includes index numbers 9 through 14</i>					
16	8915	SCREW,HHC,1/4-20 X 1.25.....	12				
17	12906	WASHER,FENDER,.25 X 1.25 X.062.....	6				
18	6888	SCREW,HHC,1/4-20 X 1.....	6				
19	6638	WASHER,FLAT,USS,1/4"Y.....	16				
20	6091	NUT,NYLOCK,1/4-20.....	6				
21	75073	HINGE,.375X.120THK.,SLOTTED...2					
22	30759	COVER SUPPORT WELDMENT LH.....	1				
23	30277P	COVER LATCH ANGLE,PAINTED.....	2				
24	30430	BULKHEAD,FEMALE X 4.....	1				
25	28646	ZERK,GREASE,1/8 NPT.....	1				
26	30743	COVER SUPPORT WELDMENT LH.....	1				
27	30886	HOSE ASSEMBLY,19".....	1				
28	6175	SCREW,HHC,3/8-16 X 1.....	10				
29	6021	WASHER,LOCK,.375.....	6				
30	33555	BALL STUD**.....	2				

509.1 Hydraulic Hoses and Fittings



509.1 Hydraulic Hoses and Fittings

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	30342	ELBOW,140238-16-16.....	1	29	34555	HOSE ASSEMBLY, 54".....	1
2	30343	NIPPLE,HEX,140137-16.....	1	7			
3	27202	ELBOW,070202-12-16.....	1	30	34556	HOSE ASSY,50".....	1
4	20326	TEE,RUN,070432-12.....	1	7			
5	20022	ELBOW,070221-12-12.....	2	31	34621	FLARE TUBE	
6	45359	HOSE		ASSEMBLY,SOLENOID.....		2	
		END,BARBED,SWIVEL,-12-12.....	1	32	34576	HOSE ASSEMBLY, 41".....	1
7	45170	HOSE		8			
		END,BARBED,SWIVEL,-12-12.....	6	33	45705	TEE,BRANCH,070429-6-6.....	2
8	34563	HOSE ASSEMBLY, 17".....	1	34	34583	HOSE ASSEMBLY, 29.5".....	1
		1		9			
9	34565	HOSE ASSEMBLY, 45".....	1	35	13756	CONNECTOR,070120-4-6.....	5
		1		36	37870	FITTING-6 W/.025 ORIFICE.....	1
10	34559	HOSE ASSEMBLY, 24.5".....	1	37	13120	ELBOW,070220-6-6.....	5
		2		38	34568	HOSE ASSEMBLY, 54".....	1
11	25951	ELBOW,070220-8-12.....	2	10			
12	30861	HOSE ASSEMBLY,36.50".....	1	39	34616	Fitting - Branch Tee, 4 SAE x 4 JIC	
		3		(SAE 070433) with 0.025 inch			
13	22665	CONNECTOR,070120-8-10.....	2	orifice.....		1	
14	19687	CONNECTOR,070120-12-12.....	2	40	34569	HOSE ASSEMBLY, 21.5".....	1
15	34592	HOSE ASSEMBLY, 40".....	1	10			
		4		41	20711	REDUCER,070123-8-4.....	2
16	34566	HOSE ASSEMBLY, 42".....	1	42	27431	CONNECTOR,070120-8-12.....	3
		4		43	31797	ADAPTER,6402-8-8.....	2
17	34593	HOSE ASSEMBLY, 43.5".....	1	44	45366	TEE,RUN,070432-6-6.....	1
		5		45	18687	CONNECTOR,070120-6-8.....	3
18	30831	ELBOW,070320-12-16.....	2	46	28445	TEE,UNION,070401-12.....	1
19	20709	CONNECTOR,070120-16-16.....	2	47	34571	HOSE ASSEMBLY, 37".....	1
20	22099	ELBOW,070320-12-12.....	3	11			
21	21252	TEE,RUN,070432-8.....	1	48	34564	HOSE ASSEMBLY, 11".....	1
22	30958	HOSE ASSEMBLY,32".....	1	11			
		6		49	45412	CONNECTOR,070120-6-6.....	14
23	10355	CONNECTOR,070102-6-6.....	1	50	20716	ELBOW,070321-12-12.....	1
24	45161P	STRAINER		51	34567	HOSE ASSEMBLY, 47".....	1
		ASSEMBLY,PAINTED.....	2	12			
25	27191	ELBOW,140339-16-16.....	2	52	34579	HOSE ASSEMBLY, 20".....	1
26	30347	VALVE,BALL,1" MPT X FPT.....	2	13			
27	45166	HOSE END,BARBED		53	34572	HOSE ASSEMBLY, 13".....	1
		RIGID-16-16.....	2	14			
28	34580	HOSE ASSEMBLY, 54".....	1				
		6					

509.1 Hydraulic Hoses and Fittings (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
54	34587	HOSE ASSEMBLY, 19".....	1	79	30876	REDUCER,070123-10-4.....	1
55	28597	HOSE END,BARBED,SWIVEL,90DEG-8....	2	80	30875	TEE,BRANCH,070429-10-10.....	1
56	20334	TEE,RUN,070428-8.....	1	81	45703	CONNECTOR,070120-8-8.....	4
57	13755	CONNECTOR,070120-4-4.....	4	82	32156	CONNECTOR,070122-8-8.....	2
58	34786	HOSE ASSEMBLY, 22".....	1	83	45412	CONNECTOR,070120-6-6.....	2
	14			84	34575	HOSE ASSEMBLY, 14.5".....	1
59	13757	TEE,RUN,070432-4.....	2		17		
60	34586	HOSE ASSEMBLY, 10".....	1	85	34574	HOSE ASSEMBLY, 16".....	1
	14				17		
61	34708	HOSE ASSEMBLY, 20".....	1	86	29897	ELBOW,070320-12-8.....	1
	15			87	31798	VALVE,CHECK,#8 O-RING PORTS.....	1
62	30877	ADAPTER,STR.THRD.TO STR.THRD.....	2	88	27192	ADAPTER,O-RING,G6410-10-8.....	1
63	34581	HOSE ASSEMBLY, 37.75".....	1	89	22540	TEE,BRANCH,070429-8-8.....	1
	15						
64	34577	HOSE ASSEMBLY, 47".....	1				
	15						
65	34584	HOSE ASSEMBLY, 32".....	1				
	15						
66	34557	HOSE ASSEMBLY, 62".....	1				
	16						
67	34578	HOSE ASSEMBLY, 41".....	1				
	16						
68	34573	HOSE ASSEMBLY, 18".....	1				
69	34560	HOSE ASSEMBLY, 18.5".....	1				
	16						
70	30867	HOSE ASSEMBLY,16.75".....	1				
	16						
71	13921	ELBOW,070220-4-4.....	1				
72	12340	ELBOW,070220-4-6.....	1				
73	13902	ADAPTER,6402-4-4.....	1				
74	34643	VALVE,CHECK,#4 O-RING PORTS.....	1				
75	34711	HOSE ASSEMBLY, 16".....	1				
	17						
76	13119	TEE,RUN,070428-6-6.....	1				
77	20324	HOSE END,BARBED,SWIVEL,-8-8.....	2				
78	22975	TEE,RUN,070432-10.....	1				

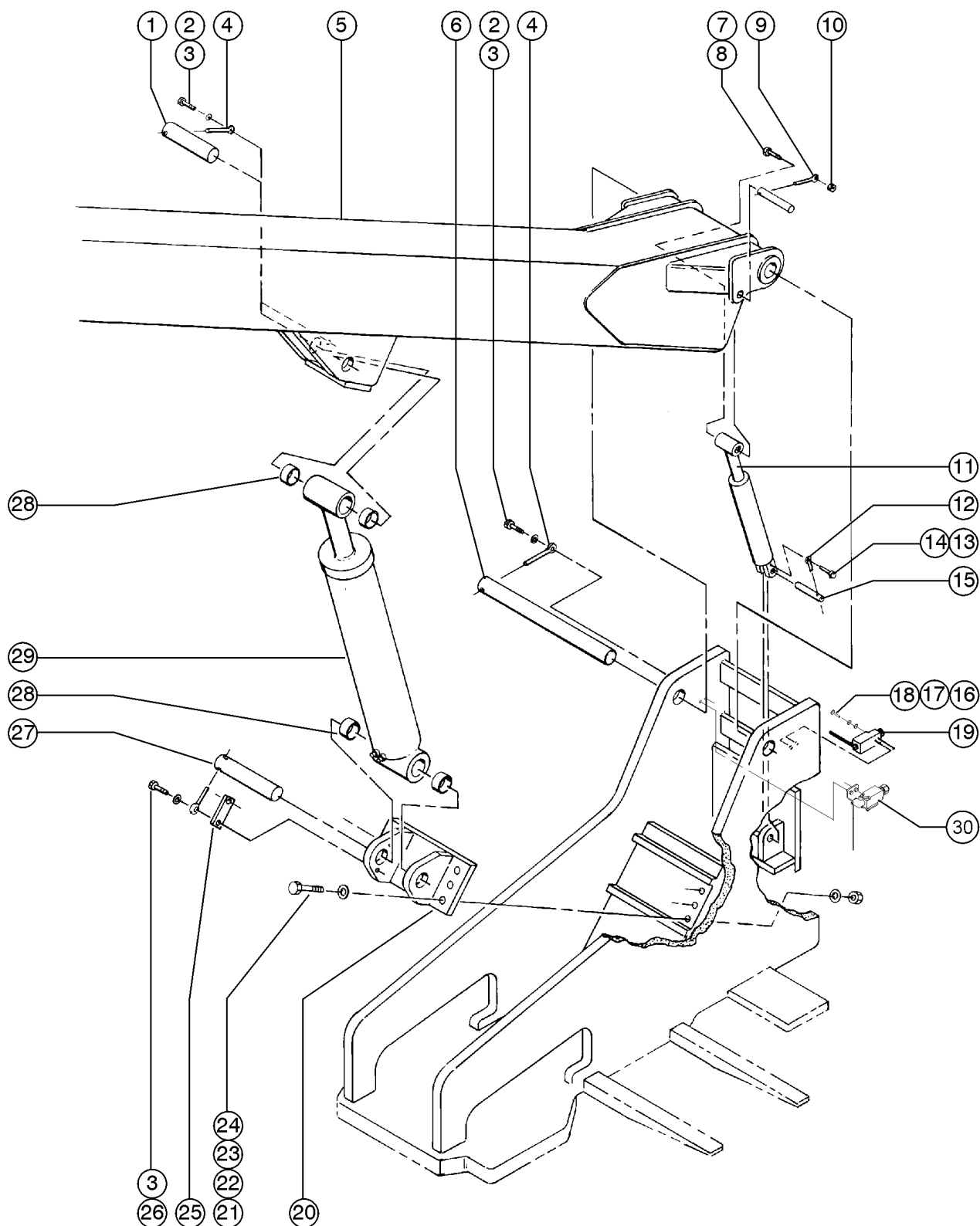
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
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509.1 Hydraulic Hoses and Fittings (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
Footnotes				11:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
1:		Hose - 3/4" Push On (Weatherhead H20112)		12:		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 Medium Pressure (Synflex 3130-06)	
2:		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 Medium Pressure (Synflex 3130-06)		13:		Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 45° Female JIC Swivel, 6-6 (Synflex 3903-06606) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	
3:		Hose End - 90° Female JIC Swivel, 8-8 (Synflex 3903-08648), Hose End - Female JIC Swivel, 8-8 (Synflex 3903-08548) & Hose - 1/2" Thermoplastic High Pressure (Synflex 3800-08)		14:		Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 45° Female JIC Swivel, 6-6 (Synflex 3903-06606) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	
4:		Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - 90° Female JIC Swivel, 12-12 (Weatherhead 43012E-672) & Hose - 1.0" Suction (Weatherhead H03916)		15:		Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 8-6 (Synflex 3903-06548) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)	
5:		Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - 90° Female JIC Swivel, 12-12 (Weatherhead 43012E-672) & Hose - 3/4" 4 Spiral High Pressure (Weatherhead H43012)		16:		Hose End - Female JIC Swivel, 12-12 (Weatherhead 43012E-612), Hose End - 90° Female JIC Swivel, 12-12 (Weatherhead 12U-672) & Hose - 3/4" 3000 PSI (Weatherhead H300-12)	
6:		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)		17:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
7:		Hose End - 90° Female JIC Swivel, 16-16 (Weatherhead 16U-676) & Hose - 1.0" Suction (Weatherhead H03916)					
8:		Hose End - 90° Female JIC Swivel, 8-6 (Synflex 3903-06648), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) & Hose - 3/8" Thermoplastic High Pressure (Synflex 3800-06)					
9:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90° Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)					
10:		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)					

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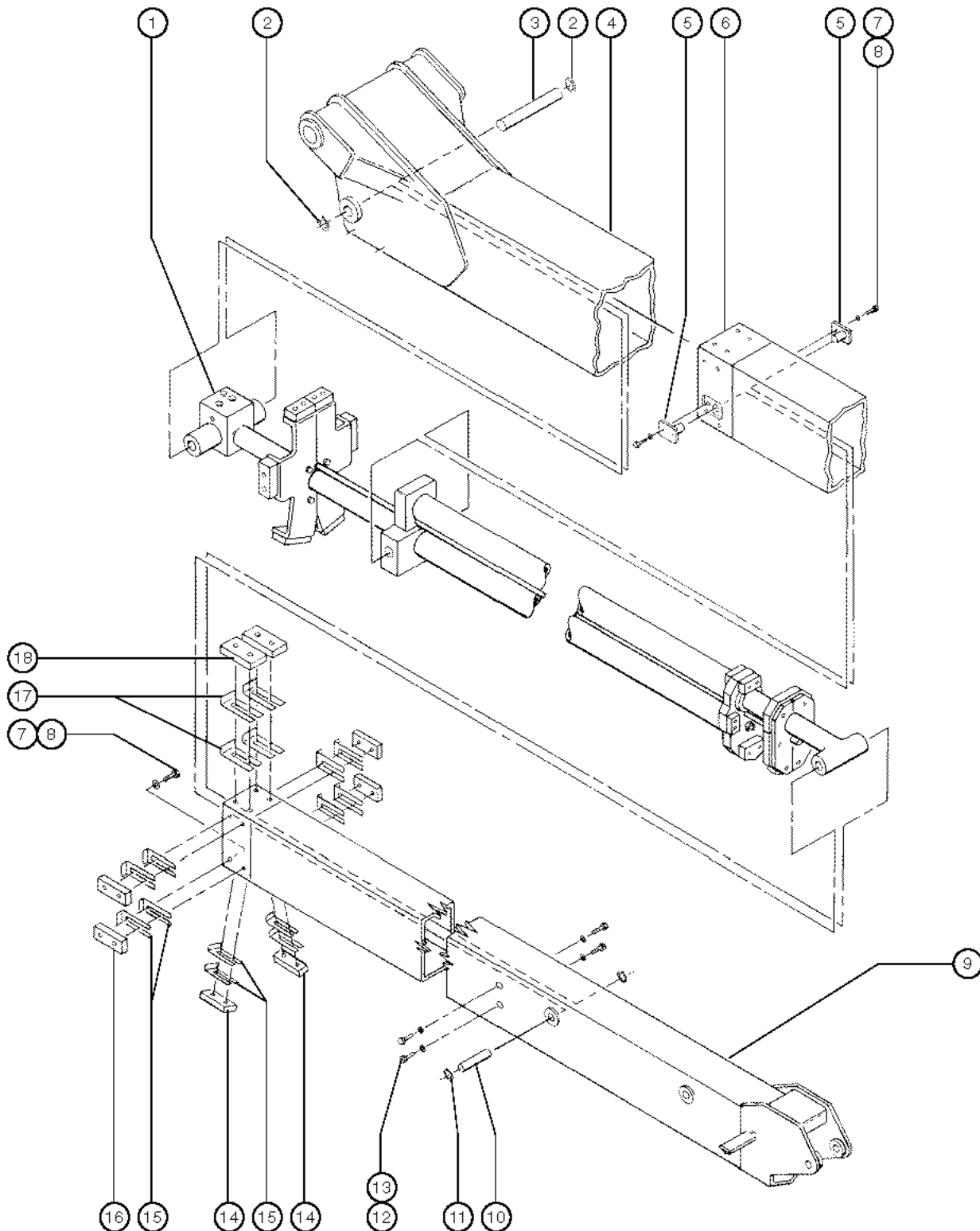
601.1 Boom Lift and Master Leveling Cylinder Installation



601.1 Boom Lift and Master Leveling Cylinder Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34269	PIN,2.50DIAX13.75LG,1HOLE.....	1	26	10597	SCREW,HHC,1/2-13 X 1.25 GR5.....	1
2	8177	SCREW,HHC,1/2-13 X 1.5.....	2	27	34272	PIN,PRI.CYL./PRI.SUB-WELD.....	1
3	6033	WASHER,LOCK,0.5".....	3	28	33505	BEARING,GARLOCK,40DU26.....	4
4	30418	ROD END,.50 X 4.....	2	29	30978P	Hydraulic Cylinder - Boom Lift..... <i>includes index number 28</i>	1
5		Ref. Boom Installation (refer to figures 602.1 or 603.1).....	2	--	33428	VALVE,COUNTERBALANCE.....	1
6	34271	PIN,2.50DIAX29.13LG,1HOLE.....	1	--	33506	SEAL KIT,HYDRAULIC CYLINDER.....	1
7	8516	SCREW,HHC,3/8-16 X 1.50,GR5.....	1	30	88903	KIT,INSTALLATON LS2A..... <i>from SN 439</i>	1
8	4828	NUT,NYLOCK,3/8-16.....	1	--	106100	FORMING,LIMIT SWITCH BRACKET <i>from SN 439</i>	
9	45226	ROD END,.375 X 3.69.....	1	--	19491	CONTACTOR,LIMIT SWITCH <i>from SN 439</i>	
10	34270	PIN,1.25DIAX6.62LG,1HOLE.....	1	--	43960	WIRE CABLE,16/4 CON.TPE JKT..... <i>from SN 439</i>	204-inches
11	34117	CYLINDER,MASTER,S80,NON-JIB.1 <i>to SN 112</i>	1	--	88356-127J3	SWITCH,LIMIT,W/6.25" SPRING AR <i>from SN 439</i>	
11	63209	CYLINDER,MASTER***..... <i>from SN 113</i>	1				
--	25683	BEARING,POLYGON,20DU12 <i>from SN 113</i>					
--	31078	SEAL KIT,HYDRAULIC CYLINDER***..... <i>to SN 112</i>	1				
--	33487	SEAL KIT,HYDRAULIC CYLINDER***..... <i>from SN 113</i>	1				
--	63209	CYLINDER,MASTER***..... <i>from SN 113</i>	1				
12	25284	ROD END,.375 X 2.25***.....	1				
13	6175	SCREW,HHC,3/8-16 X 1.....	1				
14	6021	WASHER,LOCK,.375.....	1				
15	34276	PIN,1.25DIAX3.37LG,1HOLE.....	1				
16	16486	SCREW,RHM,10-32 X 1.75.....	2				
17	6607	WASHER,LOCK,#10 PLTD.....	2				
18	6146	WASHER,FLAT,MS,#10,Y.....	2				
19	88356-127J5	SWITCH,LIMIT,W/6.25"SPRING ARM.....	1				
--	106433	LS SPRING WAND (ZCY91)					
--	19491	CONTACTOR,LIMIT SWITCH					
20	34324	WELDMENT, CYLINDER MOUNTING.....	1				
21	34347	SCREW,HHC,3/4-10 X 4.5.....	6				
22	34550	WASHER,LOCK,.75 PLTD.....	6				
23	33278	WASHER,FLAT,.75 HARDENED.....	6				
24	10258	NUT,NYLOCK,3/4-10.....	6				
25	34607P	PLATE,PIN RETAINER PAINTED.....	1				

602.1 Boom Installation - View 1

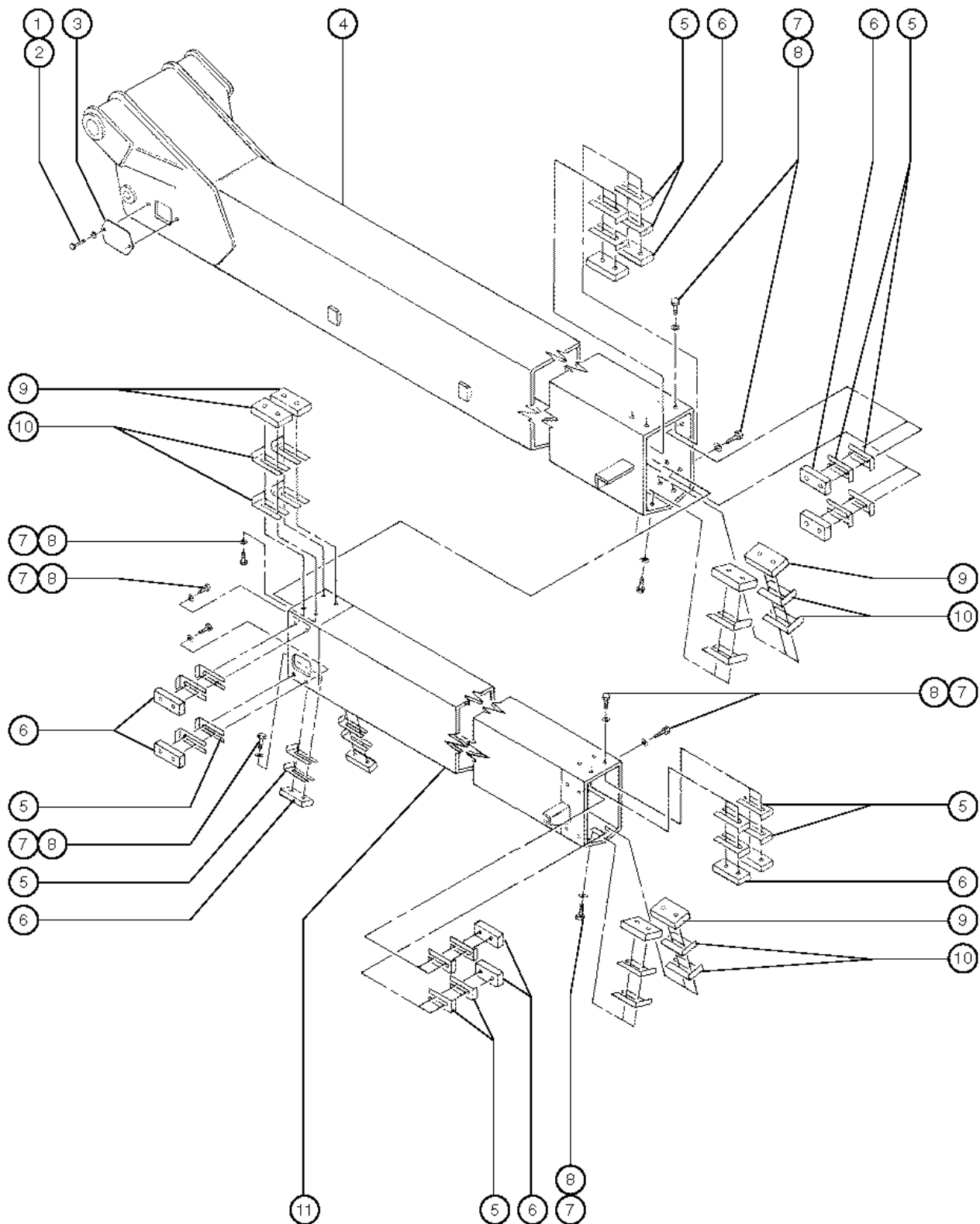


Item	Part No.	Description	Qty.
1		Ref. Extension Cylinder Assembly (refer to figure 604.1).....	1
2	825796	SNAP RING,EXTERNAL,1.50,ZAG.....	2
3	34268	PIN,1.50DIAX14.41LG,2RING.....	1
4	53051	WELDMENT,BOOM SECTION#1 S80/85.....	1
5	34170	EXT.CYL.MOUNTING PIN WLDMT.....	2
6	30984	WELDMENT,BOOM #2,S80/85.....	1
7	6175	SCREW,HHC,3/8-16 X 1.....	18
8	6021	WASHER,LOCK,.375.....	18
9	30986	WELDMENT,BOOM #3,S80/85.....	1
10	T108079	PIN,1.25DIAX8.30LG,2RING.....	1
11	824164	SNAP RING,EXTERNAL,1.25,ZAG.....	2
12	6888	SCREW,HHC,1/4-20 X 1.....	4
13	6356	WASHER,LOCK,.25.....	4
14	30138	WEAR PAD,5 X 1.5 X .625 W/NUTS.....	2
15	29080	SHIM,WEAR PAD,5X 1.5 16GA.....	12
		1	
16	34125	WEAR PAD,5 X 1.5 X .75 W/NUTS.....	4
17	34344	SHIM,SIDE PAD 16GA. 3 X 5.....	4
		1	
18	34124	WEAR PAD,5 X 3 X .625 W/INSER.....	2

Footnotes

1: Quantity listed for this item is approximate.
Actual quantity may vary, to ensure proper fit.

603.1 Boom Installation - View 2

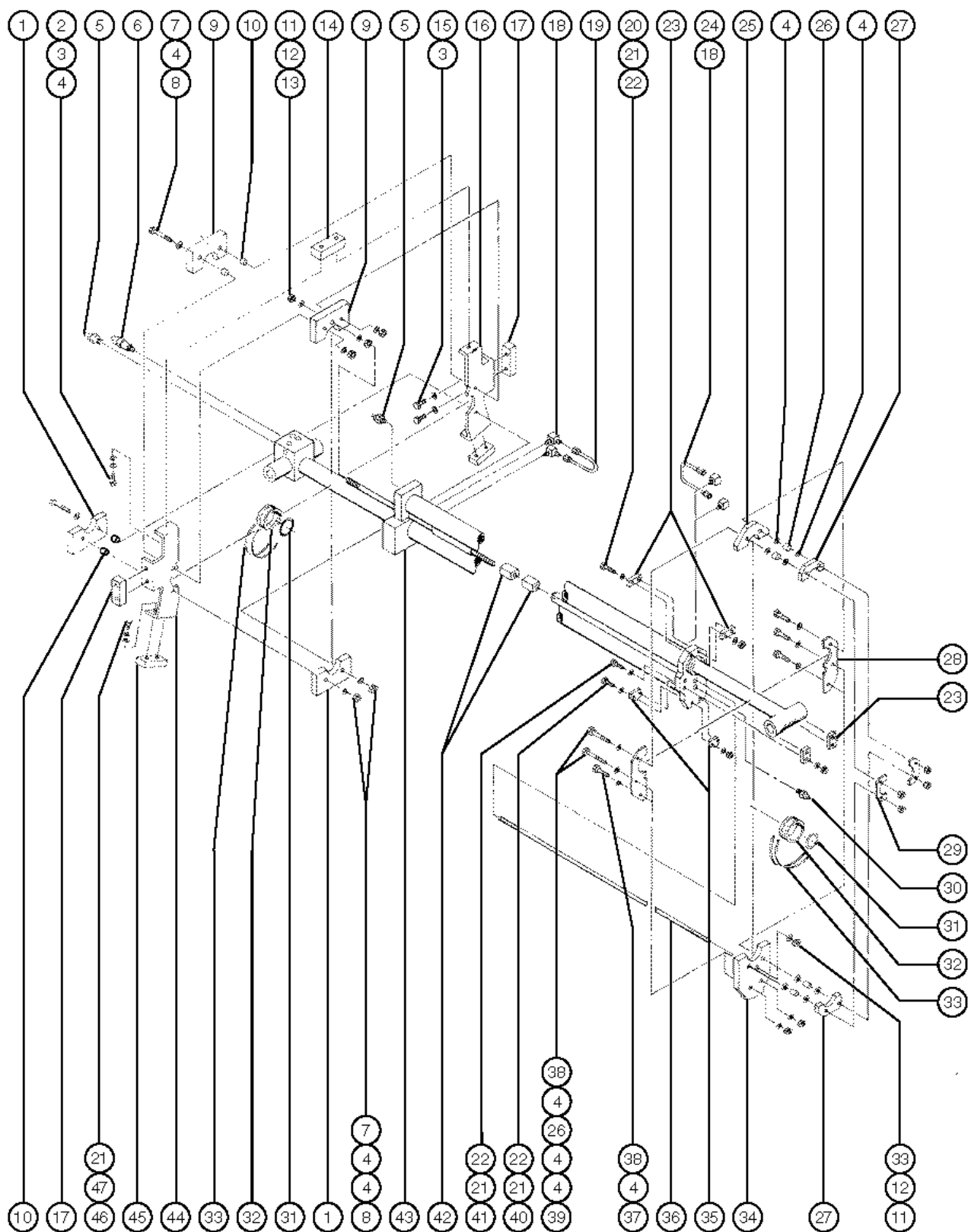


Item	Part No.	Description	Qty.
1	6090	SCREW,HHC,1/4-20 X .75.....	4
2	6356	WASHER,LOCK,.25.....	4
3	34284P	COVER,BOOM SECTION #1 PNTD.....	2
4	53051	WELDMENT,BOOM SECTION#1 S80/85.....	1
5	29080	SHIM,WEAR PAD,5X 1.5 16GA.....	28
		1	
6	30138	WEAR PAD,5 X 1.5 X .625 W/NUTS.....	18
7	6175	SCREW,HHC,3/8-16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

Footnotes

1: Quantity listed for this item is approximate.
Actual quantity may vary, to ensure proper fit.

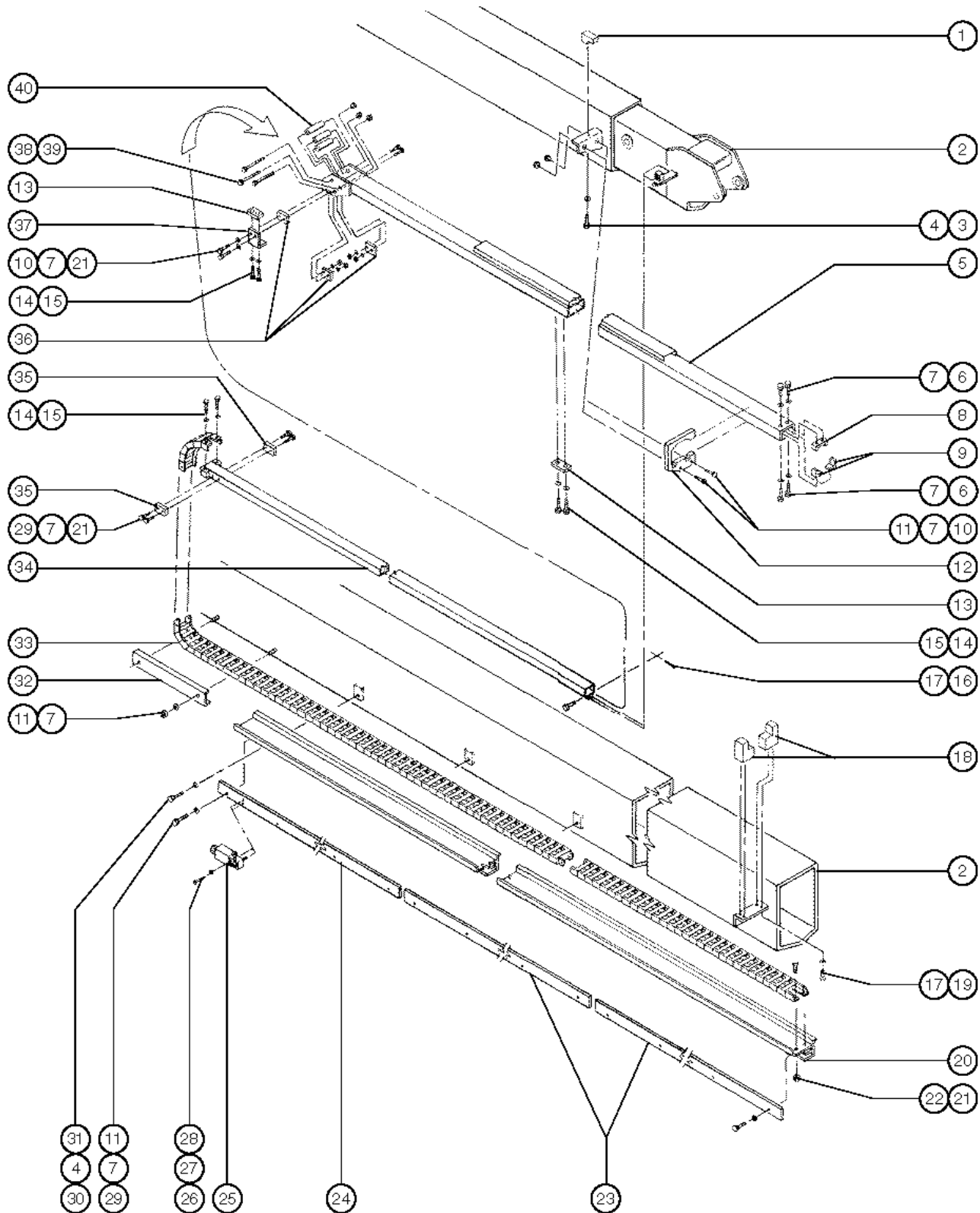
604.1 Extension Cylinder Assembly



604.1 Extension Cylinder Assembly

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34178	WEAR PAD,BOTTOM EXT.ROD,BOTTOM.....	2	29	34808	BRACKET,WEAR PAD RETENTION.....	2
2	6175	SCREW,HHC,3/8-16 X 1.....	2	30	33494	VALVE,SEQUENCE.....	1
3	6021	WASHER,LOCK,,375.....	6	31	34809	O-RING, 2.25 I.D.X3/16,90 DURO...	2
4	6097	WASHER,FLAT,USS,3/8",Y.....	18	32	34805	WEAR RING,ROD.....	2
5	36188	VALVE,COUNTERBALCACA-LHN@2000.2		33	28443	CABLE TIE,11.5" BLACK.....	4
6	36207	VALVE,COUNTERBALCWCA-LHN@2000.1		34	34169	WEAR PAD,TOP ROD SUPP.BOTTOM.....	1
7	21604	SCREW,HHC,3/8-16 X 3.25.....	4	35	53036	WEAR PAD,EXTENSION CYLINDER.....	2
8	7713	NUT,LP NYLOCK,3/8-16.....	4	36	34180	EXTENDING ROD.....	2
9	34177	WEAR PAD,BOTTOM EXT.ROD,TOP.....	2	37	5224	SCREW,HHC,3/8-16 X 2.....	2
10	45400	SPACER TUBE,.50 LG.....	4	38	4828	NUT,NYLOCK,3/8-16.....	4
11	6086	NUT,LP NYLOCK,1/2-13.....	2	39	5387	SCREW,HHC,3/8-16 X 4.....	4
12	6095	WASHER,FLAT,USS,1/2",Y.....	4	40	8179	SCREW,HHC,1/4-20 X 2.25.....	2
13	6034	NUT,HEX,JAM,1/2-13.....	2	41	4266	SCREW,HHC,1/4-20 X 2.....	4
14	34125	WEAR PAD,5 X 1.5 X .75 W/NUTS.....	1	42	122713	WEAR PAD,TENSION ROD.....	2
15	8255	SCREW,HHC,3/8-16 X .75.....	4	43	63200	EXTENSION CYL ASSY,S80/85..... <i>Includes index numbers 5, 6 and 30, use in place of previous cylinder 35620 or 34291</i>	1
16	34175P	BRACKET,BOTTOM ROD L.H.PAINT.....	1	--	33500	SEAL KIT,HYDRAULIC CYLINDER..... <i>Bottom (rust color cylinder 34291); to SN 279</i>	1
17	30138	WEAR PAD,5 X 1.5 X .625 W/NUTS.....	2	--	33501	SEAL KIT,HYDRAULIC CYLINDER..... <i>Top (rust color cylinder 34291); to SN 279</i>	1
18	34630	FLARE TUBE ASSY,EXT.CYLINDER..... <i>to SN 104</i>	1	--	37499	SEAL KIT S60/S80 (35654/35620* <i>Top and bottom (cream color cylinder 35620); from SN 280</i>	
--	34741	FLARE TUBE ASSY,EXT.CYLINDER..... <i>from SN 105</i>	1	--	63338	SEAL KIT,CYL,S80 (63200)*** <i>Top (black color cylinder 63200)</i>	
19	13921	ELBOW,070220-4-4.....	4	--	63339	SEAL KIT,EXT CYL (63200)*** <i>Bottom (black color cylinder 63200)</i>	
20	6884	SCREW,HHC,1/4-20 X 2.5.....	2	44	34176P	BRCKET,BOTTOM ROD R.H.PAINT.....	1
21	6638	WASHER,FLAT,USS,1/4"Y.....	36	45	45209	WEAR PAD,4X2X.5 W/INSERT***.....	2
22	6889	NUT,LP NYLOCK,1/4-20.....	8	46	6090	SCREW,HHC,1/4-20 X .75.....	4
23	34165	WEAR PAD,EXTENSION CYLINDER.....	4	47	6356	WASHER,LOCK,.25.....	4
24	34736	FLARE TUBE ASSY,EXT.CYLINDER.....	1				
25	34168	WEAR PAD,TOP ROD SUPPORT,TOP.....	1				
26	1416-75	TUBE,RD,ALUM .75OD .125 WALL.....	4				
27	34807	WEAR PAD.....	2				
28	34167P	SUPPORT BRCKT,TOP ROD PAINTD.....	2				

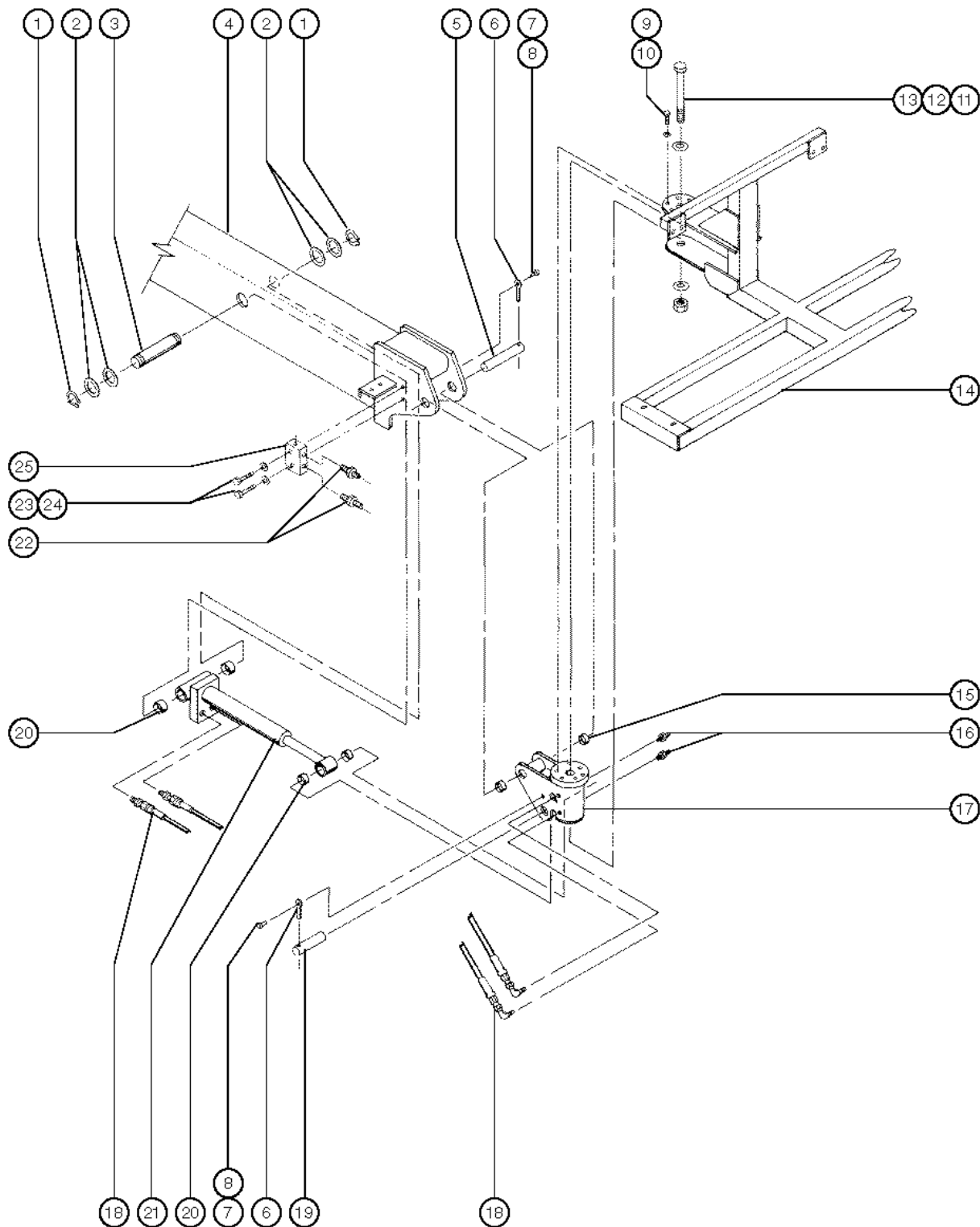
605.1 Cable Track Installation



605.1 Cable Track Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34394	WEAR PAD,BOTTOM,CABLE TRACK.....	1	32	34198P	CABLE COVER,PRIMARY BOOM,BLU.....	1
2		Ref. Boom Installation (refer to figures 602.1 or 603.1).....	1	33	43936	KIT,STEEL CABLE TRACK,S80 for first-time replacement of plastic cable track; includes 73998	
3	13918	SCREW,HHC,3/8-16 X 1.75,GRD.8.....	1	--	29480	TRACK REPAIR,7 LINK (25706) for 30981 plastic track	
4	6021	WASHER,LOCK,,375.....	6	--	29481	PLASTIC TRACK BRKT SET for 30981 plastic track	
5	34202	CABLE TRACK TUBE, WELDMENT.....	1	--	73998	CABLETRACK,PLATED,117 LINKS.....	1
6	6888	SCREW,HHC,1/4-20 X 1.....	4			steel track	
7	6638	WASHER,FLAT,USS,1/4"Y.....	26	--	81007	REPAIR LINK, 4 LINKS PLATED for 73998 steel track	
8	30750	WEAR PAD,CABLE TRACK TUBE.....	1	34	33515	CABLE TRACK SUPP.TUBE ASSY.....	1
9	34393	WEAR PAD,CORNER,CABLE TRACK.....	2	35	31411	WEAR PAD,CABLE TRACK.....	2
10	6637	SCREW,HHC,1/4-20 X 1.75.....	4	36	30749	WEAR PAD,CABLE TRACK TUBE.....	3
11	6091	NUT,NYLOCK,1/4-20.....	16	37	34680P	ANGLE,CABLE TRACK TUBE PAINTED.....	1
12	34323	WEAR PAD,CABLE TRACK.....	1	38	22832	SCREW,HHC,3/8-16 X 6.....	3
13	45209	WEAR PAD,4X2X.5 W/INSERT***.....	2	39	7713	NUT,LP NYLOCK,3/8-16.....	3
14	8914	SCREW,HHC,1/4-20 X .625.....	6	40	34243-500	TUBE,UHMW, 1 X .25.....	3
15	6356	WASHER,LOCK,,25.....	8				
16	5361	PIN,COTTER,,125 X 1.5.....	1				
17	34746	PIN,CLEVIS,,50 X 2.00 LG.....	1				
18	34636	WEAR PAD,CABLE TRCK OUTER TUBE.....	2				
19	8179	SCREW,HHC,1/4-20 X 2.25.....	4				
20	33509	CABLE TRACK TRAY ASSY. S80.....	1				
21	6889	NUT,LP NYLOCK,1/4-20.....	8				
22	7339	SCREW,HHC,1/4-20 X .5.....	2				
23	30757	COVER,CABLE TRACK TRAY.....	2				
24	34749	COVER,CABLE TRACK TRAY.....	1				
25	96948	SWITCH,LIMIT,W/ROLLER ARM***.....	1				
--	19491	CONTACTOR,LIMIT SWITCH.....	1				
--	97128	ROLLER ARM,LIMIT SWITCH***.....	1				
26	16486	SCREW,RHM,10-32 X 1.75.....	2				
27	6607	WASHER,LOCK,#10 PLTD.....	2				
28	6146	WASHER,FLAT,MS,#10,Y.....	2				
29	6090	SCREW,HHC,1/4-20 X .75.....	16				
30	8255	SCREW,HHC,3/8-16 X .75.....	6				
31	6097	WASHER,FLAT,USS,3/8",Y.....	5				

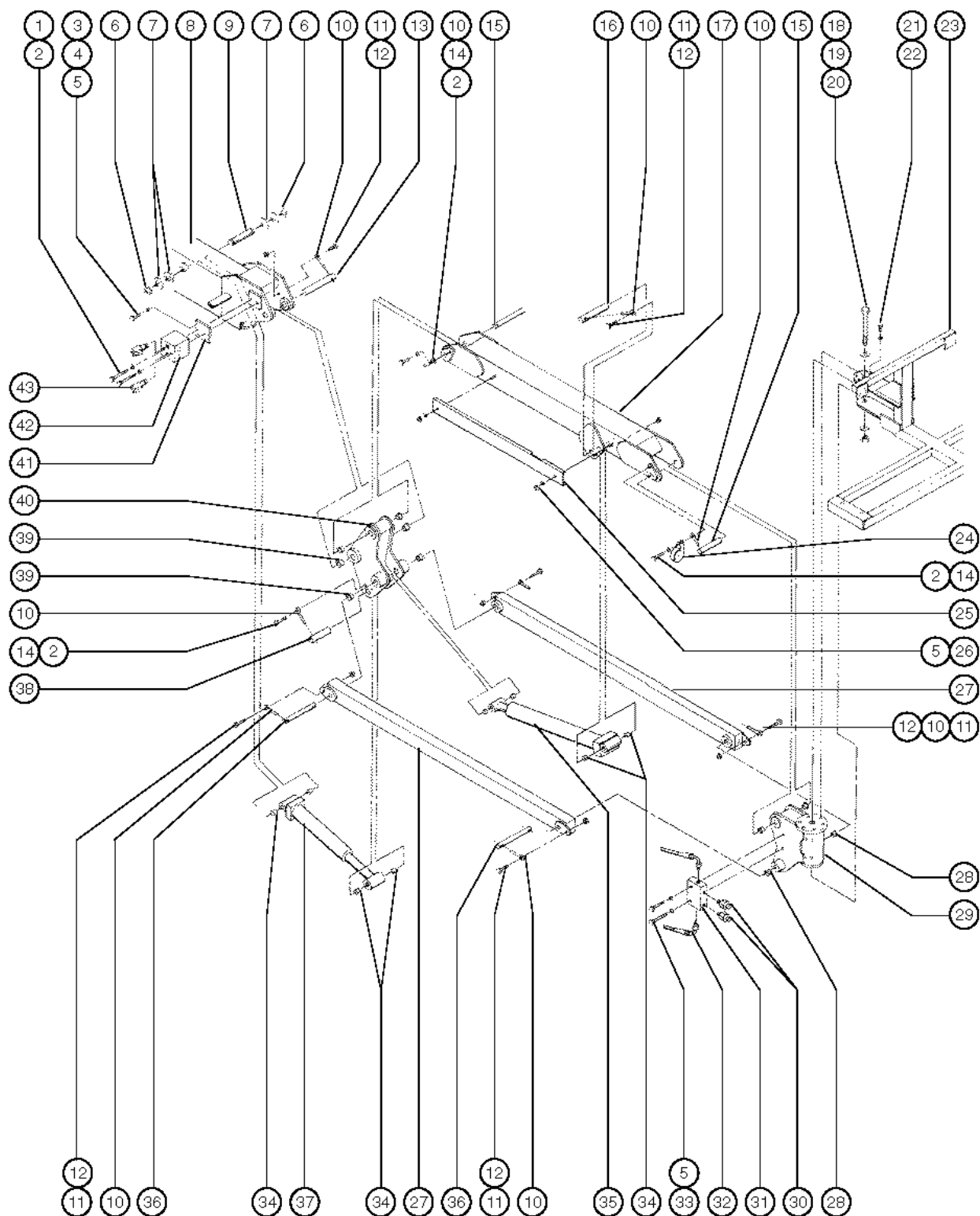
606.1 Slave Cylinder and Platform Rotator



606.1 Slave Cylinder and Platform Rotator

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	824164	SNAP RING,EXTERNAL,1.25,ZAG.....	2	--	77877	SHAFT ADAPTER, HELAC ROTATOR.....	1
2	30255	WASHER,SHIM,1.27 X 2.13 X .062.....	4			(INCLUDED IN ROTATOR UPDATE KIT PART NO 77874)	
3	T108079	PIN,1.25DIAX8.30LG,2RING.....	1	--	94398	ROTATOR,PLAT,NON-JIB.....	1
4		Ref. Extension Boom Tube Assembly (refer to figure 602.1).....	1			(INCLUDED IN ROTATOR UPDATE KIT PART NO 77874)	
5	T108078	PIN,1.25DIAX9.50LG,1HOLE.....	1	18		Ref. Hydraulic Hoses & Fittings (refer to figure 608.1).....	2
6	45226	ROD END,,375 X 3.69.....	2	19	T108075	PIN,1.25DIAX5.25LG,1HOLE.....	1
7	8516	SCREW,HHC,3/8-16 X 1.50,GR5.....	2	20	25683	BEARING,POLYGON,20DU12.....	4
8	4828	NUT,NYLOCK,3/8-16.....	2	21	81693	CYLINDER,SLAVE,S40/45.....	1
9	10597	SCREW,HHC,1/2-13 X 1.25 GR5.....	6			includes index number 20; to SN 112	
--	27035	SCREW,SHC,3/8-16 X .75,BLACK.....	8	--	29083	VALVE,COUNTERBALANCE,2500 PSI*.....	1
		USE WITH ROTATOR PART NO 94398 (INCLUDED IN ROTATOR UPDATE KIT PART NO 77874)		--	31078	SEAL KIT,HYDRAULIC CYLINDER***.....	1
10	6033	WASHER,LOCK,0.5".....	6	--	33487	SEAL KIT,HYDRAULIC CYLINDER***.....	1
11	30286	SCREW,HHC,1-8 X 12IN GRD.2***.....	1	--	33488	VALVE,COUNTERBALANCE.....	1
12	13775	WASHER,FLAT,1.063 X 2 X .134.....	2	--	63210	CYLINDER,SLAVE,3 X 11.38***.....	1
13	29764	NUT,NYLOCK,1-8.....	1			includes index number 20; from SN 113	
14	50144-S	PLATFORM SUPPORT WELDMENT***.....	1	22	32722	VALVE,COUNTERBALCBCG-LJN@3000.2	
15	30219	BEARING,FL,1.25ID X 1.41OD X 1.....	2	23	6637	SCREW,HHC,1/4-20 X 1.75.....	2
16	13852	VALVE ASSY,BLEED***.....	2	24	6638	WASHER,FLAT,USS,1/4"Y.....	2
--	88516	SCREW,BLEEDER,M5X0.8 USE WITH ROTATOR PART NO 94398		25	30823	VALVE,DUAL CB MANIFOLD.....	1
17	77874	ROTATOR ASSEMBLY,8.2K***.....	1			includes index number 22	
		ROTATOR UPDATE KIT, REQUIRED FOR FIRST TIME REPLACEMENT OF PREVIOUS ROTATOR PART NO 30669					
--	122944	SEAL KIT,8K ROTATOR*** rotator 94398					
--	31498	BEARING KIT,ROTATOR,9K***.....	1				
		rotator 30669					
--	65842	SEAL KIT,UNIVERSAL,9K ROTATOR*.....	1				
		rotator 30669					
--	73807	MANIFOLD,ROTATOR,CB*** (INCLUDED IN ROTATOR UPDATE KIT PART NO 77874)					

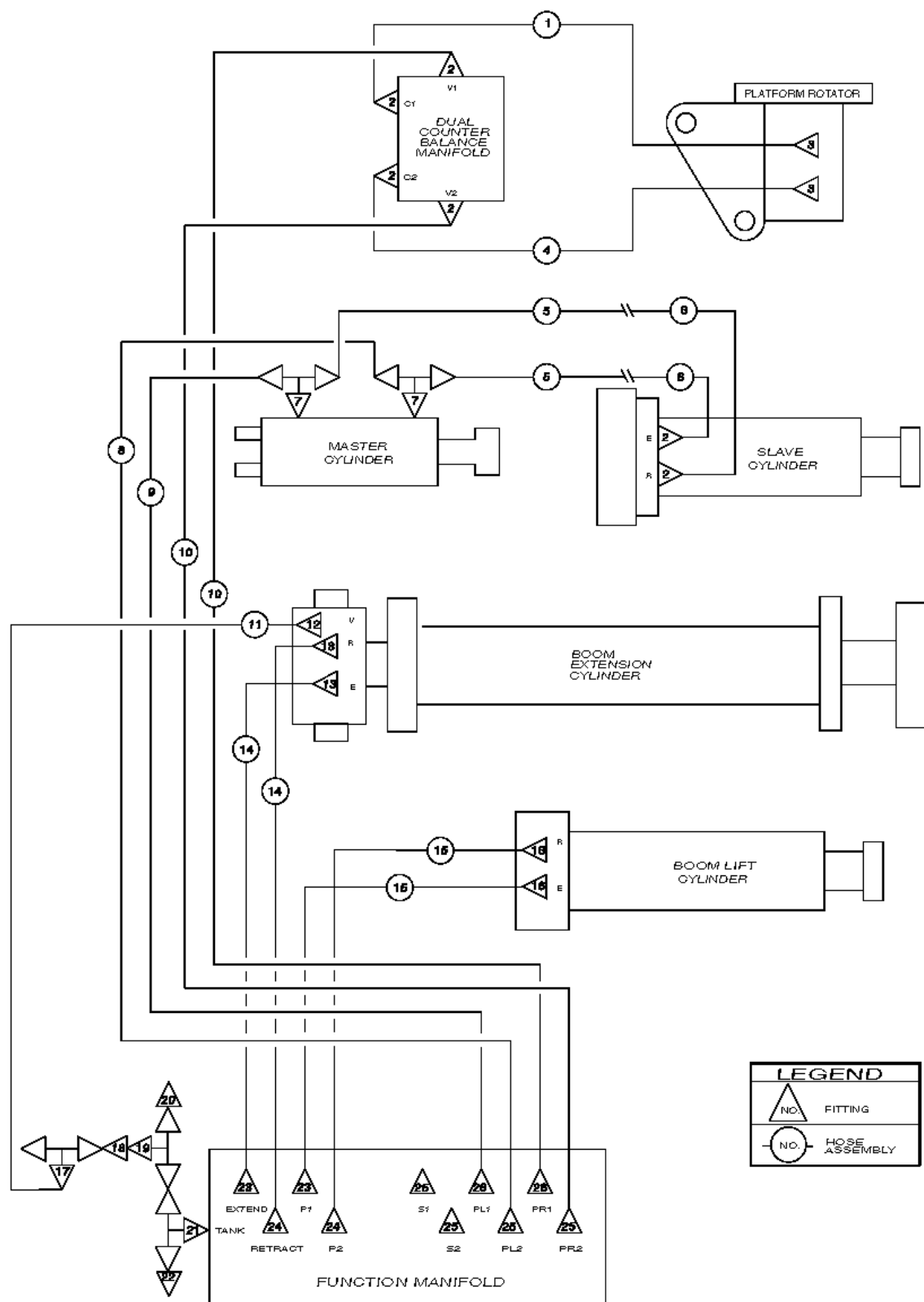
607.1 Jib Boom and Platform Rotator



607.1 Jib Boom and Platform Rotator

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	21604	SCREW,HHC,3/8-16 X 3.25.....	2	--	122944	SEAL KIT,8K ROTATOR*** for rotator 94397	
2	6021	WASHER,LOCK,.375.....	5	--	13852	VALVE ASSY,BLEED***2 for rotator 30947	
3	6090	SCREW,HHC,1/4-20 X .75.....	2	--	31498	BEARING KIT,ROTATOR,9K***2 for rotator 30947	
4	6356	WASHER,LOCK,.25.....	2	--	65842	SEAL KIT,UNIVERSAL,9K ROTATOR*2 for rotator 30947	
5	6638	WASHER,FLAT,USS,1/4"Y.....	6	--	94397	ROTATOR,PLAT JIB,160 DEG***	
6	824164	SNAP RING,EXTERNAL,1.25,ZAG.....	2	30	32722	VALVE,COUNTERBALCBCG-LJN@3000.2 for manifold 30823	
7	30255	WASHER,SHIM,1.27 X 2.13 X .062.....	4	--	62506	VALVE - COUNTERBALANCE**2 for manifold 73807	
8		Ref. Extension Boom Tube Assembly (refer to figure 6-B, page 6-6).....	1	31	30823	VALVE,DUAL CB MANIFOLD.....1 for rotator 30947	
9	T108079	PIN,1.25DIAX8.30LG,2RING.....	1	--	73807	MANIFOLD,ROTATOR,CB*** for rotator 94397	
10	45226	ROD END,.375 X 3.69.....	9	32		Ref. Hydraulic Hoses & Fittings.....	1
11	8516	SCREW,HHC,3/8-16 X 1.50,GR5.....	6	33	6637	SCREW,HHC,1/4-20 X 1.75.....	2
12	4828	NUT,NYLOCK,3/8-16.....	6	34	25683	BEARING,POLYGON,20DU12.....	8
13	T108078	PIN,1.25DIAX9.50LG,1HOLE.....	1	35	63213	CYLINDER,JIB (STICK BOOMS).....1 includes 4 each index number 34	
14	6175	SCREW,HHC,3/8-16 X 1.....	3	--	33428	VALVE,COUNTERBALANCE.....	1
15	T108076	PIN,1.25DIAX7.88LG,1HOLE.....	2	--	33553	SEAL KIT,HYDRAULIC CYLINDER.....	1
16	T108077	PIN,1.25DIAX7.00LG,1HOLE.....	1	36	81175	PIN,1.25DIAX14.45LG,2HOLE.....	2
17		SERVICE KIT, 5FT JIB.....1 see section 610.1 for jib detail		37	63210	CYLINDER,SLAVE,3 X 11.38***1 includes 4 each index number 34	
18	30286	SCREW,HHC,1-8 X 12IN GRD.2***.....	1	--	33487	SEAL KIT,HYDRAULIC CYLINDER***.....	1
19	13775	WASHER,FLAT,1.063 X 2 X .134.....	2	--	33488	VALVE,COUNTERBALANCE.....	1
20	29764	NUT,NYLOCK,1-8.....	1	38	T108075	PIN,1.25DIAX5.25LG,1HOLE.....	1
21	10597	SCREW,HHC,1/2-13 X 1.25 GR5.....	6	39	34132	BEARING,GARLOCK,20FDU20.....	6
22	6033	WASHER,LOCK,0.5".....	6	40	89801	BELLCRANK ASSY W/BEARINGS.....	1
23	50144-S	PLATFORM SUPPORT WELDMENT***.....	1	41	34625P	PLATE,JIB MANIFOLD MTG.PNTD.....	1
24	27497	CLAMP,RUBBER CUSHIONED-2 5/32.....	1	42	73616	MANIFOLD,JIB SELECT***.....	1
25	54527-S	CABLE COVER,JIB***.....	1	43	29066	VALVE,SOLENOID,10V,2POS 3WAY**.....	2
26	6091	NUT,NYLOCK,1/4-20.....	2	--	27814	COIL,SOLENOID,10V.....	2
27	30945	WELDMENT,COMPRESSION MEMBER.....	2	--	45912	NUT,SOLENOID,2POS 3WAY.....	2
28	30219	BEARING,FL,1.25ID X 1.41OD X 1.....	4				
29	77875	ROTATOR ASSEMBLY,8.2K***.....1 required for first time replacement of older rotators; includes hydraulic rotator part number 94397,manifold part number 73807 and shaft adapter 77877					

608.1 Hydraulic Hoses and Fittings

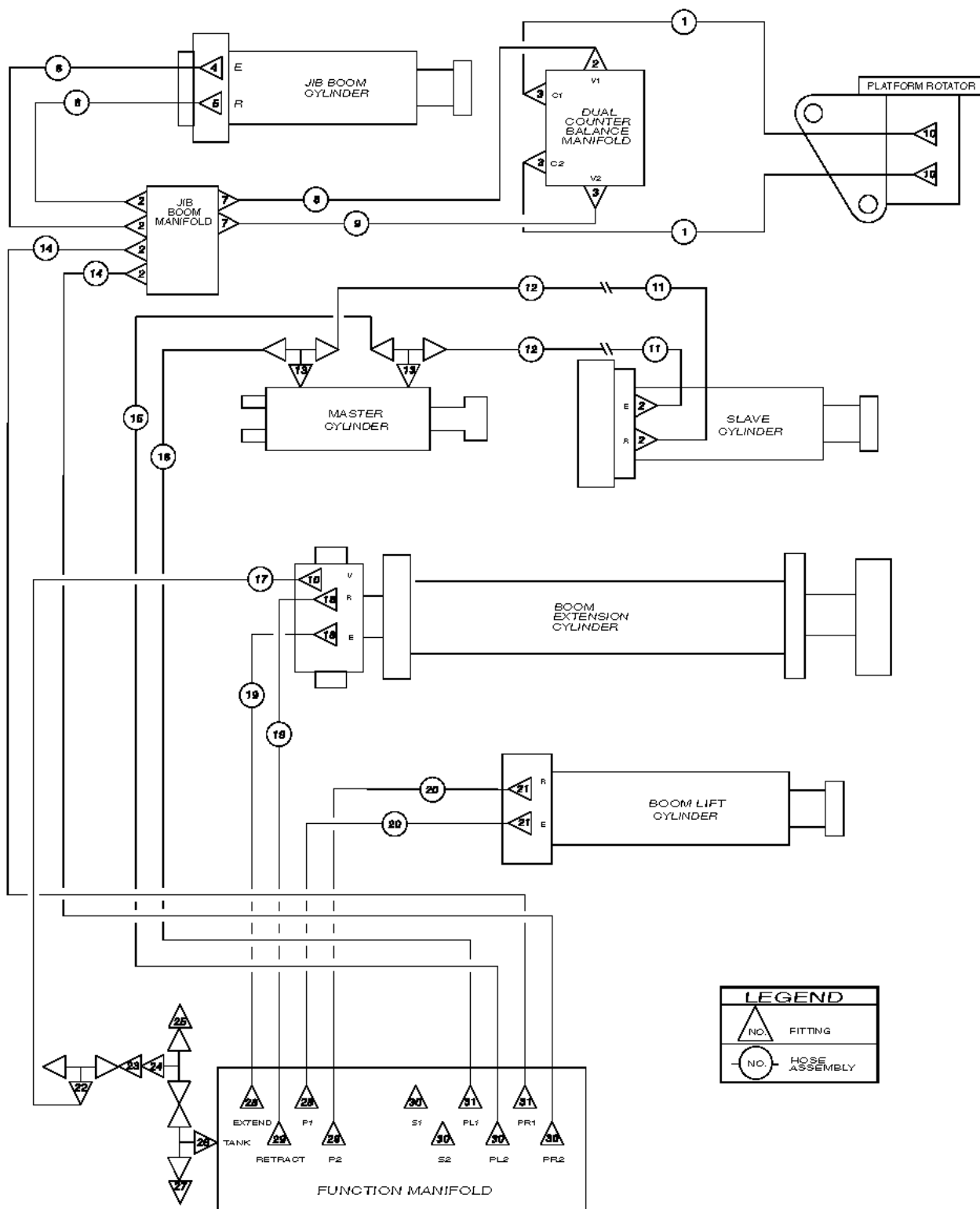


608.1 Hydraulic Hoses and Fittings

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

Item	Part No.	Description	Qty.
Footnotes			
1:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90° Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
2:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90° Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
3:		Hose End - Male Rigid JIC, 4-4 (Synflex 3903-04504), Hose End - 90° Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
4:		Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544), Hose End - 90° Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
5:		Hose End - 90° Female JIC Swivel, 4 JIC (Synflex 3903-04644), Hose End - 90° Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
6:		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)	
7:		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)	

609.1 Hydraulic Hoses and Fittings



609.1 Hydraulic Hoses and Fittings

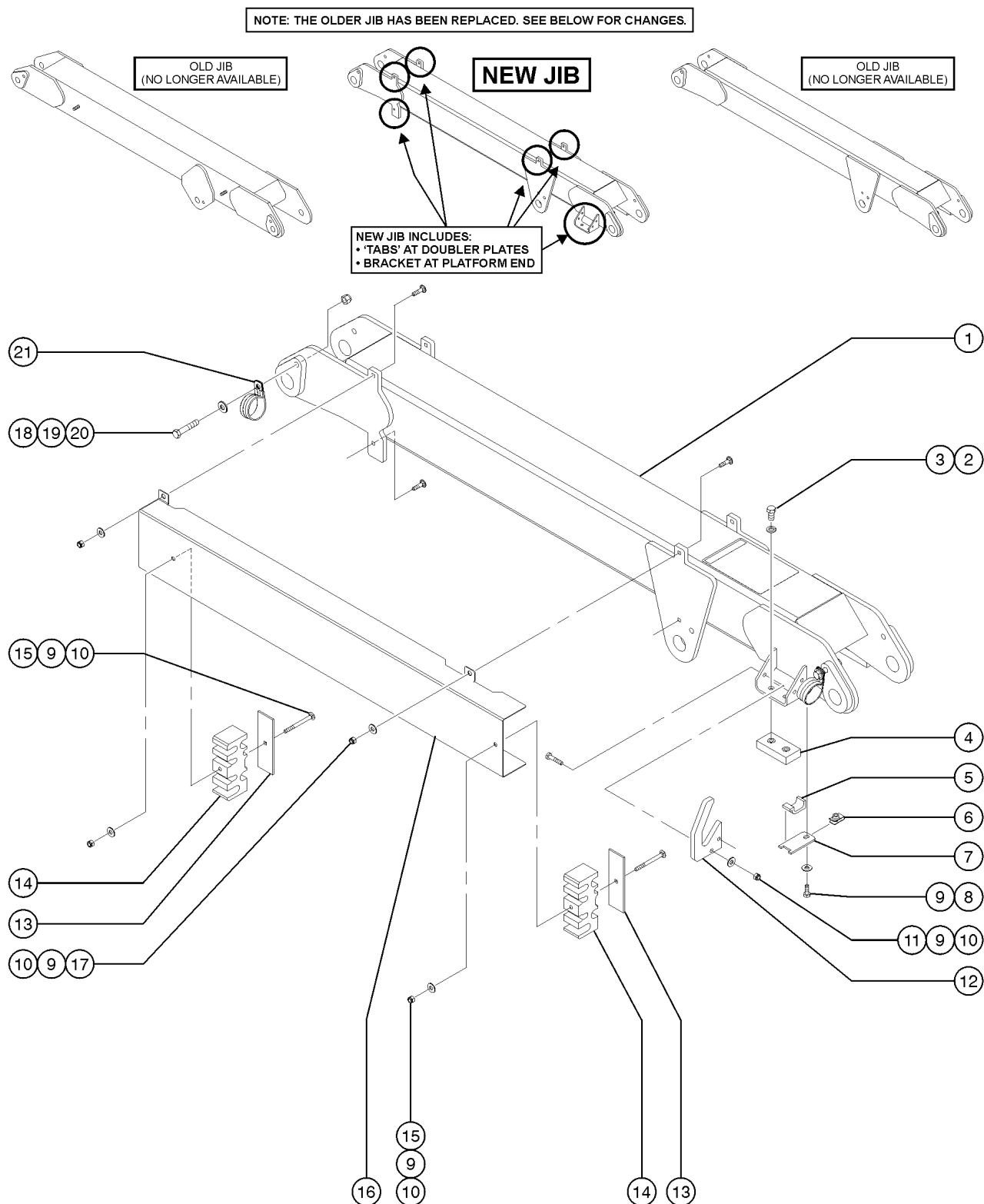
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34631	FLARE TUBE ASSY,JIB COUNTERBAL.....	2	27	45170	HOSE END,BARBED,SWIVEL,-12-12.....	1
2	13756	CONNECTOR,070120-4-6.....	7	28	32156	CONNECTOR,070122-8-8.....	2
3	12340	ELBOW,070220-4-6.....	3	29	45703	CONNECTOR,070120-8-8.....	2
4	34799	CONN,070120-4-6,W/.035 OR.....	1	30	45412	CONNECTOR,070120-6-6.....	4
5	31193	ELBOW,070320-4-6.....	1	31	45412	CONNECTOR,070120-6-6.....	2
6	34600	HOSE ASSEMBLY, 83".....	2				
		1					
7	30446	CONN,070120-4-6,W/.030 OR.....	2				
8	34653	HOSE ASSEMBLY, 88".....	1				
		2					
9	34599	HOSE ASSEMBLY, 88".....	1				
		2					
10	13755	CONNECTOR,070120-4-4.....	3				
11	34775	HOSE ASSEMBLY, 24".....	2				
		3					
12	34601	HOSE ASSEMBLY, 1000".....	2				
		4					
13	45705	TEE,BRANCH,070429-6-6.....	2				
14	34602	HOSE ASSEMBLY, 1070".....	2				
		5					
15	34561	HOSE ASSEMBLY, 136".....	1				
		6					
16	34715	HOSE ASSY,127".....	1				
		6					
17	34570	HOSE ASSEMBLY, 186".....	1				
		7					
18	34635	ELBOW,070320-6-8.....	2				
19	34562	HOSE ASSEMBLY, 177".....	2				
		8					
20	34558	HOSE ASSEMBLY, 96".....	2				
		8					
21	18687	CONNECTOR,070120-6-8.....	2				
22	13757	TEE,RUN,070432-4.....	1				
23	30876	REDUCER,070123-10-4.....	1				
24	22975	TEE,RUN,070432-10.....	1				
25	20324	HOSE END,BARBED,SWIVEL,-8-8.....	1				
26	30875	TEE,BRANCH,070429-10-10.....	1				

609.1 Hydraulic Hoses and Fittings (continued)

Item	Part No.	Description	Qty.
Footnotes			
1:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90° Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
2:		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)	
3:		Hose End - Male Rigid JIC, 4-4 (Synflex 3903-04504), Hose End - 90° Female JIC Swivel, 4 JIC (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
4:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90° Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
5:		Hose End - 90° Female JIC Swivel, 4 JIC (Synflex 3903-04644), Hose End - 90° Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
6:		Hose End - Female JIC Swivel, 6-4 (Synflex 3903-06544), Hose End - 90° Female JIC Swivel, 6-4 (Synflex 3903-06644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
7:		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)	
8:		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)	

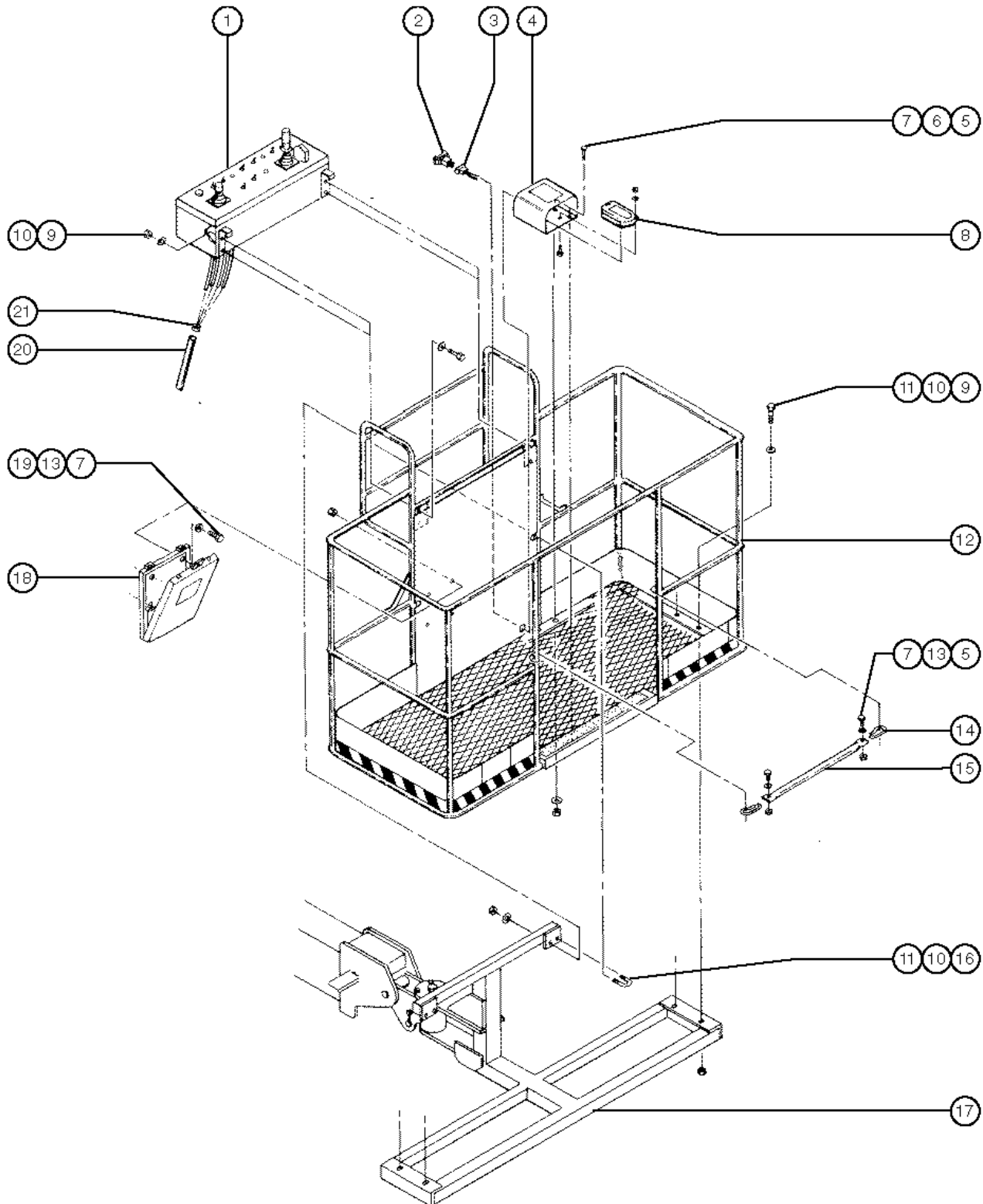
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610.1 Jib Detail



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

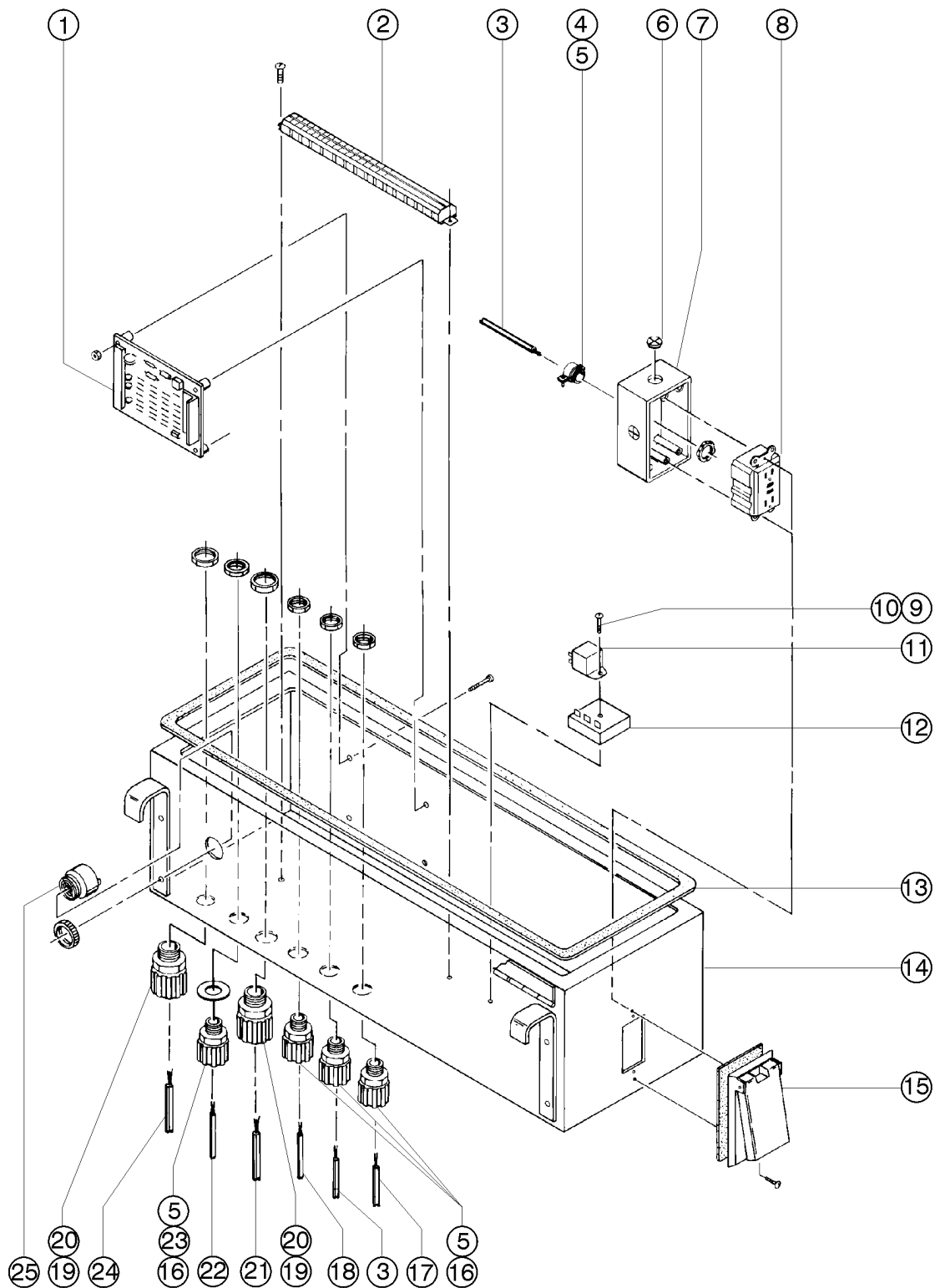
701.1 Platform Installation



701.1 Platform Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Ref. Platform Controls (refer to figures 702.1 and 703.1)		12	32704	PLAT.ASSY,6FT-S40/S60-95'& S80.....1 <i>includes index numbers 5, 7, 13, 14, 15, 18 and 19</i>	1
2	32708	HARNESS ASSY, FOOTSWITCH....1	1	--	32705	PLAT. ASSY,8 FT,SERV,S40/60/80.....1 <i>includes index numbers 5, 7, 13, 14, 15, 18 and 19</i>	1
--	22431	TERMINAL,ANDERSON,30A 12-16 GA.....1	1	--	32706	PLAT. ASSY,EURO,6 FT, S40.....1 <i>includes index numbers 5, 7, 13, 14, 15, 18 and 19</i>	1
--	22432	ANDERSON HOUSING,15-45 AMP BLK.....1	1	--	32707	PLAT. ASSY,EURO,8 FT, S40.....1 <i>includes index numbers 5, 7, 13, 14, 15, 18 and 19</i>	1
--	22433	ANDERSON HOUSING,15-45,AMP,WHT.....1	1	--	54817P-S	TOEBOARD,PLTFM ENTRY EUR,PNTD*.....1	1
--	22435	ANDERSON HOUSING,15-45 AMP GRN.....1	1	13	6638	WASHER,FLAT,USS,1/4"Y.....6	6
--	45200	SPACER,SHORT ANDERSON.....1	1	14	12443	MIDRAIL GUIDE (HOOK).....2	2
--	45202	PIN,ROLL,.094 X .875.....1	1	15	102992	SLIDING MIDRAIL KIT,PTD.....1 <i>includes index numbers 5, 7, 13 and 14</i>	1
--	45313	PLUG,W/LATCH,4 POLE,ANDERSON.....1	1	--	139451	TUBE,SLIDING MIDRAIL,PAINTED.....1	1
3	32709	CONNECTOR ASSY,FOOTSWITCH S40.....1	1	--	20973	WIRE LOOM,3/8 POLY SLIT.....1	1
--	22431	TERMINAL,ANDERSON,30A 12-16 GA.....1	1	--	21121	CABLE TIE,4" BLK,HEAT RESISTNT.....1	1
--	22432	ANDERSON HOUSING,15-45 AMP BLK.....1	1	16	6550	U-BOLT,3/8 X 1 YZ.....2	2
--	22433	ANDERSON HOUSING,15-45,AMP,WHT.....1	1	17		Ref. Platform Mount and Leveling (refer to figures 606.1 or 607.1).....2	2
--	22435	ANDERSON HOUSING,15-45 AMP GRN.....1	1	18	24514	BOX,INSTRUCTION STORAGE.....1	1
--	45139	RECEPT.,SNAP-IN,4 POLE ANDERSN.....1	1	19	6090	SCREW,HHC,1/4-20 X .75.....4	4
--	45201	SPACER,LONG ANDERSON.....1	1	20	28678	SLEEVE,NYLON,2" I.D.,BULK(100')	
--	45202	PIN,ROLL,.094 X .875.....1	1	21	28443	CABLE TIE,11.5" BLACK.....3	3
4	32710	GUARD,FOOTSWITCH,W/DECAL STEEL.....1	1				
5	6888	SCREW,HHC,1/4-20 X 1.....4	4				
6	12906	WASHER,FENDER,.25 X 1.25 X.062.....2	2				
7	6091	NUT,NYLOCK,1/4-20.....8	8				
8	13482	FOOT SWITCH***.....1 <i>includes mounting fasteners</i>	1				
--	20262	MICROSWITCH,13482 FOOTSWITCH.....1	1				
9	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....8	8				
10	6097	WASHER,FLAT,USS,3/8",Y.....12	12				
11	4828	NUT,NYLOCK,3/8-16.....8	8				

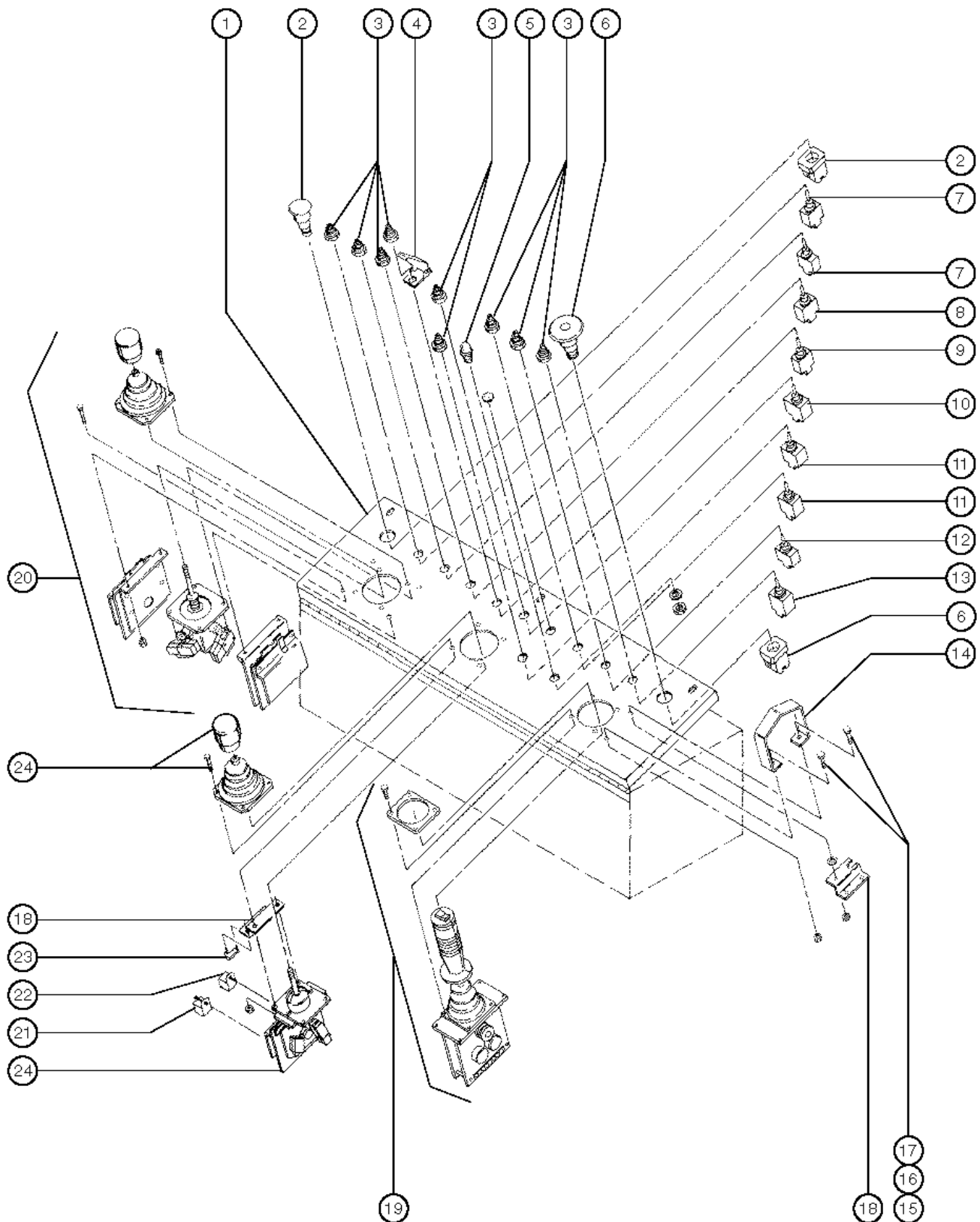
702.1 Platform Controls - View 1



702.1 Platform Controls - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	22052	LIMITER PC BOARD, HORSEPOWER.....1 <i>includes mounting fasteners</i>	1	25	45383	ALARM,WARBLE TONE 5-30 VDC***.....1	1
--	39591	SPACER,NYLON,.375 <i>sold separately</i>					
2	32637	TERMINAL BLOCK,WAGO.....48	48				
3	43956	WIRE CABLE,14/3 CON.TPE JKT*.....1200-inches (S-80 models)					
4	6622	GROUND CONNECTOR,1/2".....1	1				
5	6935	LOCKNUT,ELEC,1/2".....1	1				
6	8843	COVER,KNOCK OUT HOLE,4 PER BAG.....1	1				
7	10775	T-BOX,2.75 X 4.5 X 2.0.....1	1				
8	13585	OUTLET,110V GFCI***.....1	1				
--	19975	RECEPTACLE - BRITISH, 110V.....1	1				
9	6179	SCREW,RHM,10-32 X 1.25.....1	1				
10	6178	NUT,NYLOCK,10-32.....1	1				
11	19274	RELAY,SPDT,12V(AUTO)**.....1	1				
12	43181	CAPACITOR,TIME DELAY.....1	1				
13	27115	GASKET,UPPER CONTROL BOX.....1	1				
14	33474	CONTROL BOX W/DECAL,PLAT....1 <i>includes 1 each index number 13</i>	1				
15	45437	COVER,GFCI,WEATHERPROOF....1 <i>includes mounting fasteners</i>	1				
16	7056	CONN,SQUEEZE,1/2NPT .38-.50,SM.....3	3				
17	32708	HARNESS ASSY, FOOTSWITCH....1	1				
18	30794	WIRE,12/3 SJEOW,BULK,BLK-WHT-G.1200-inches (S-80 models)					
19	12960	CABLE SQUEEZE CONN.,XTRA LRG.....2	2				
20	14041	LOCKNUT,ELECTRIC,3/4".....2	2				
21	35934	WIRE CABLE,18/19 CON.TPRJKT.....1200-inches (S-80 models)					
22	35934	WIRE CABLE,18/19 CON.TPRJKT.....1200-inches (S-80 models)					
23	34769	WASHER,REDUCING 3/4" TO 1/2".....1	1				
24	43956	WIRE CABLE,14/3 CON.TPE JKT*.....1272-inches (S-85 models)					

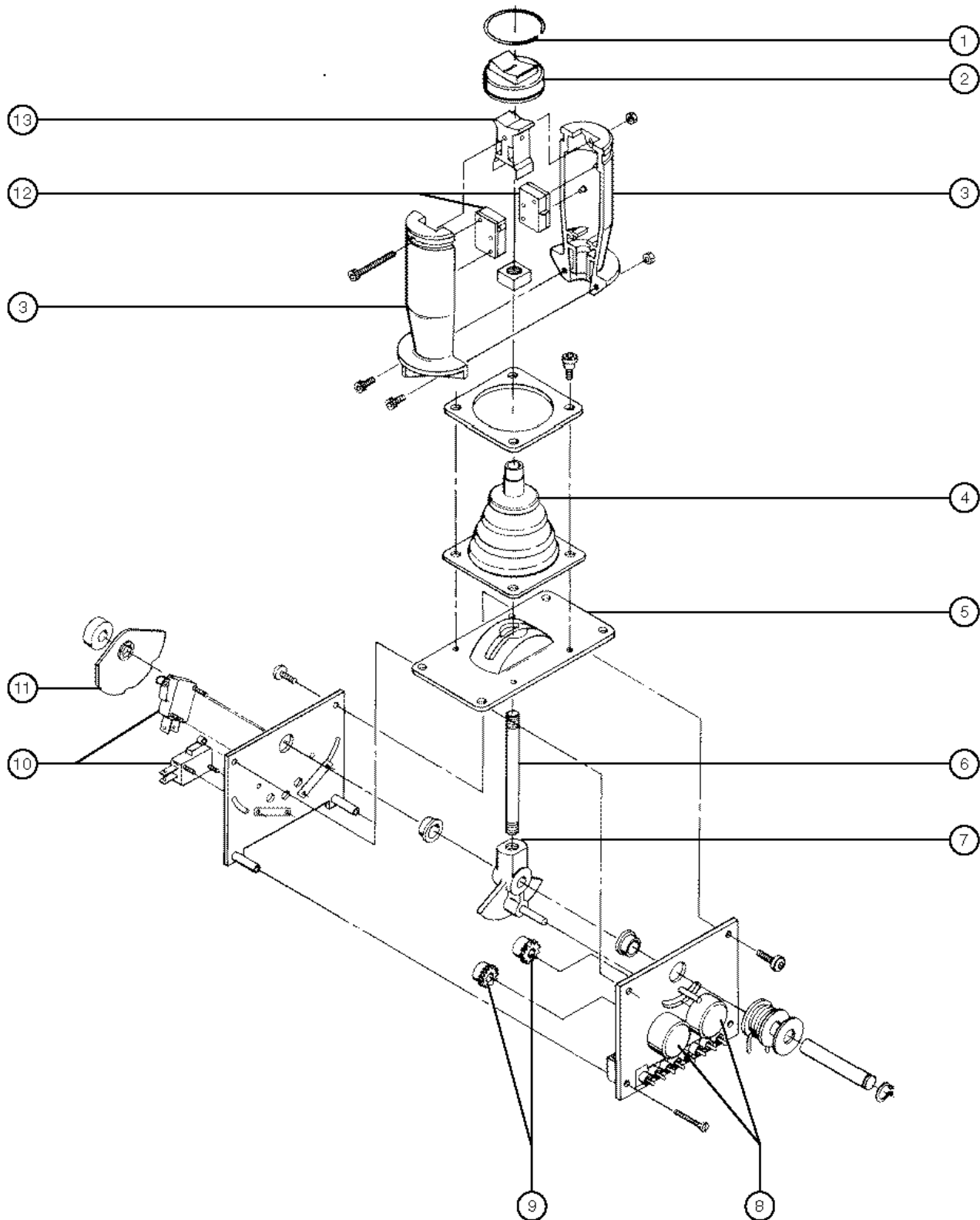
703.1 Platform Controls - View 2



703.1 Platform Controls - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	33474	CONTROL BOX W/DECAL,PLAT.....1		18	54525	BRACKET-PANEL-WIRE MOUNTING 99.....2	
2	122513	KIT,HORN SVC BB&SM BOOM.....1		19	20424	JOYSTICK CONTROLLER,12V.....1 <i>OEM joystick</i>	
--	66813	BUTTON,PUSH,BLACK W/SEAL ***1 <i>includes 1 each N.O. Contact</i>		--	202424H	JOYSTICK CONTROLLER,12V <i>aftermarket joystick replacement</i>	
--	66815	BASE, W/1 N.O. CONTACTS***.....1		--	20424H	JOYSTICK CONTROLLER,12V <i>aftermarket joystick replacement</i>	
--	66816	CONTACT,N.O.....1		20	40613	JOYSTICK,DUAL AXIS CONTROLL.**.....1 <i>OEM joystick</i>	
3	27246	BOOT,TOGGLE SWITCH,SHORT*.....9 1		--	40613H	JOYSTICK,DUAL AXIS CONTROLL.** <i>aftermarket joystick replacement</i>	
4	13471	COVER, AUXILIARY POWER SWITCH.....1		21	19274	RELAY,SPDT,12V(AUTO)**.....1	
5	824879	LIGHT,LED IND. RED 12V NH.....1		22	19274	RELAY,SPDT,12V(AUTO)**.....1	
6	122514	KIT,ESTOP SVC BB&SM BOOM.....1		23	27116	RESISTOR,100 OHM,25 WATT.....1 <i>4WD models</i>	
--	146478	BOOT(BELLOWS),E-STOP,BLACK		--	34798	RESISTOR,150 OHM,25 WATT.....1 <i>2WD models</i>	
--	66812	BUTTON,PUSH,RED MUSHROOM HEAD.....1		24	24495	JOYSTICK,SINGLE AXIS PROPORT.....1 <i>OEM joystick</i>	
--	66818	CONTACT,NC.....1 <i>includes 2 each N.C. Contacts</i>		--	24495H	JOYSTICK,SINGLE AXIS PROPORT <i>aftermarket joystick replacement</i>	
--	66821	BASE,WITHOUT CONTACTS.....1		Footnotes			
7	128202	SWITCH TOGGLE ASSY DPDT 3P MOM.....2 <i>includes mounting fasteners</i>		1: Quantity listed may not reflect specific model configuration requirements.			
8	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 <i>includes mounting fasteners</i>					
9	128201	SWITCH TOGGLE ASSY DPDT 2P MOM.....1 <i>includes mounting fasteners</i>					
10	128205	SWITCH TOGGLE ASSY DPDT 2P MNT.....1 <i>includes mounting fasteners</i>					
11	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....2 <i>includes mounting fasteners</i>					
12	128206	SWITCH TOGGLE ASSY DPDT 3P MNT.....1 <i>includes mounting fasteners</i>					
13	128205	SWITCH TOGGLE ASSY DPDT 2P MNT.....1 <i>includes mounting fasteners</i>					
14	27033P	SUPPORT,WRIST,PAINTED-BLUE..1					
15	8914	SCREW,HHC,1/4-20 X .625.....2					
16	6638	WASHER,FLAT,USS,1/4"Y.....2					
17	6091	NUT,NYLOCK,1/4-20.....2					

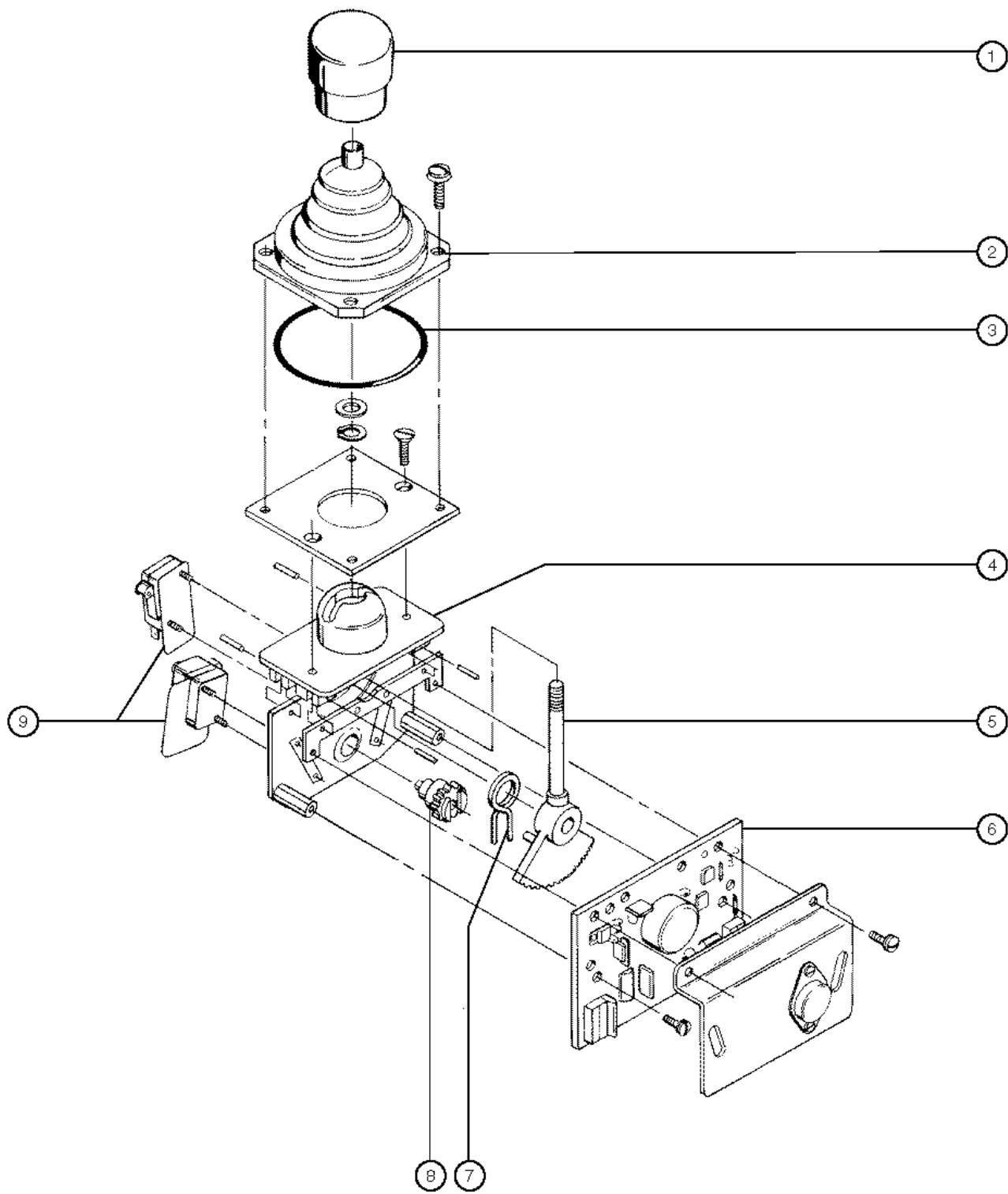
704.1 Joystick Controller - Drive / Steer Functions



704.1 Joystick Controller - Drive / Steer Functions

Item	Part No.	Description	Qty.
--	20424H	JOYSTICK CONTROLLER,12V <i>aftermarket joystick replacement</i>	
--	20424	JOYSTICK CONTROLLER,12V <i>OEM joystick, contains all shown service parts</i>	
1	25882	LOCK RING.....	1
2	25881	BOOT,THUMB 20424 JOYSTICK.....	1
3	25883	HANDLE HALF,JOYSTICK (20424).....	2
--	49887	NUT & BOLT KIT (25883)	
--	72245	KIT, JOYSTICK HANDLE <i>includes handles, rocker and nut/bolt kit</i>	
4	22368	BOOT (20424).....	1
5	25884	COVER CASTING,20424 CONTROLLER.....	1
6	25886	SHAFT,W/NC STLY BLOCK,(20424)*.....	1
7		GEAR CASTING,20424 CONTROLLER..... <i>part no longer available; consult factory</i>	1
8	22364	POTENTIOMETER (20424).....	2
9	22367	SPUR GEAR (20424).....	2
10	22365	SWITCH (20424).....	2
11	22366	CAM ASSY (20424).....	1
12	23680	SWITCH,HANDLE,20424.....	2
13	23688	ROCKER ASSY,HANDLE (20424)***.....	1

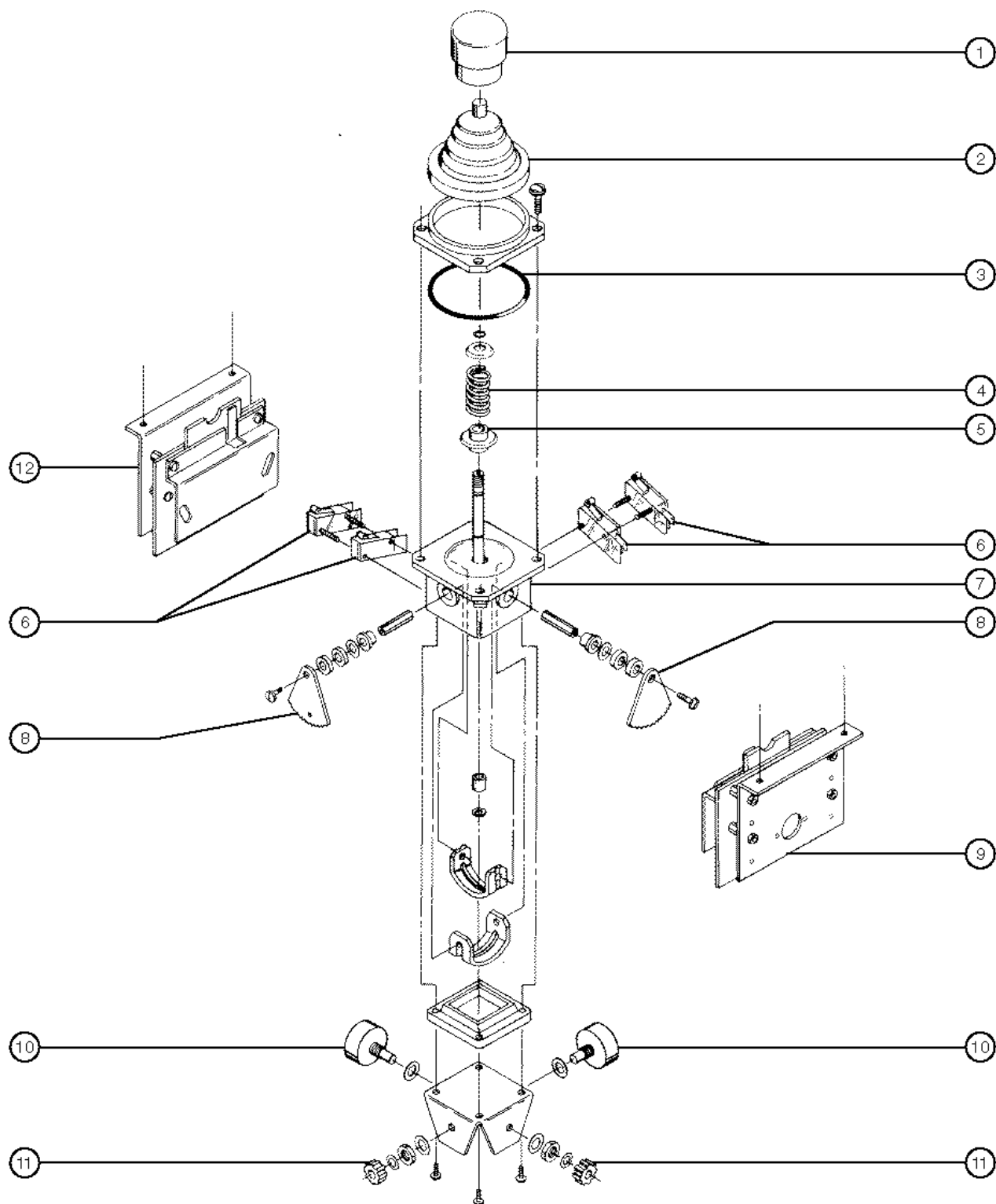
705.1 Joystick Controller - Boom Functions, Single Axis



705.1 Joystick Controller - Boom Functions, Single Axis

Item	Part No.	Description	Qty.
--	24495H	JOYSTICK,SINGLE AXIS PROPORT <i>aftermarket joystick replacement</i>	
--	24495	JOYSTICK,SINGLE AXIS PROPORT <i>OEM joystick, contains all shown service parts</i>	
1	27133	HANDLE,CAP,CONTROLLER.....	1
2	27134	BOOT,CONTROLLER.....	1
3	31526	O-RING,BOOT,CONTROLLER.....	1
4	19720	CASTING,45049, 40612.....	1
5	27135	SHAFT W/GEAR.....	1
6	27524	PCB,ASSY,24495.....	1
--	49870	POTENTIOMETER (24493).....	1
7	21434	SPRING & BUSHING KIT,RETURN***	1
8	19731	GEAR, SLAVE, MS4,45048.....	1
9	19712	MICROSWITCH,V3L-139-D8.....	2

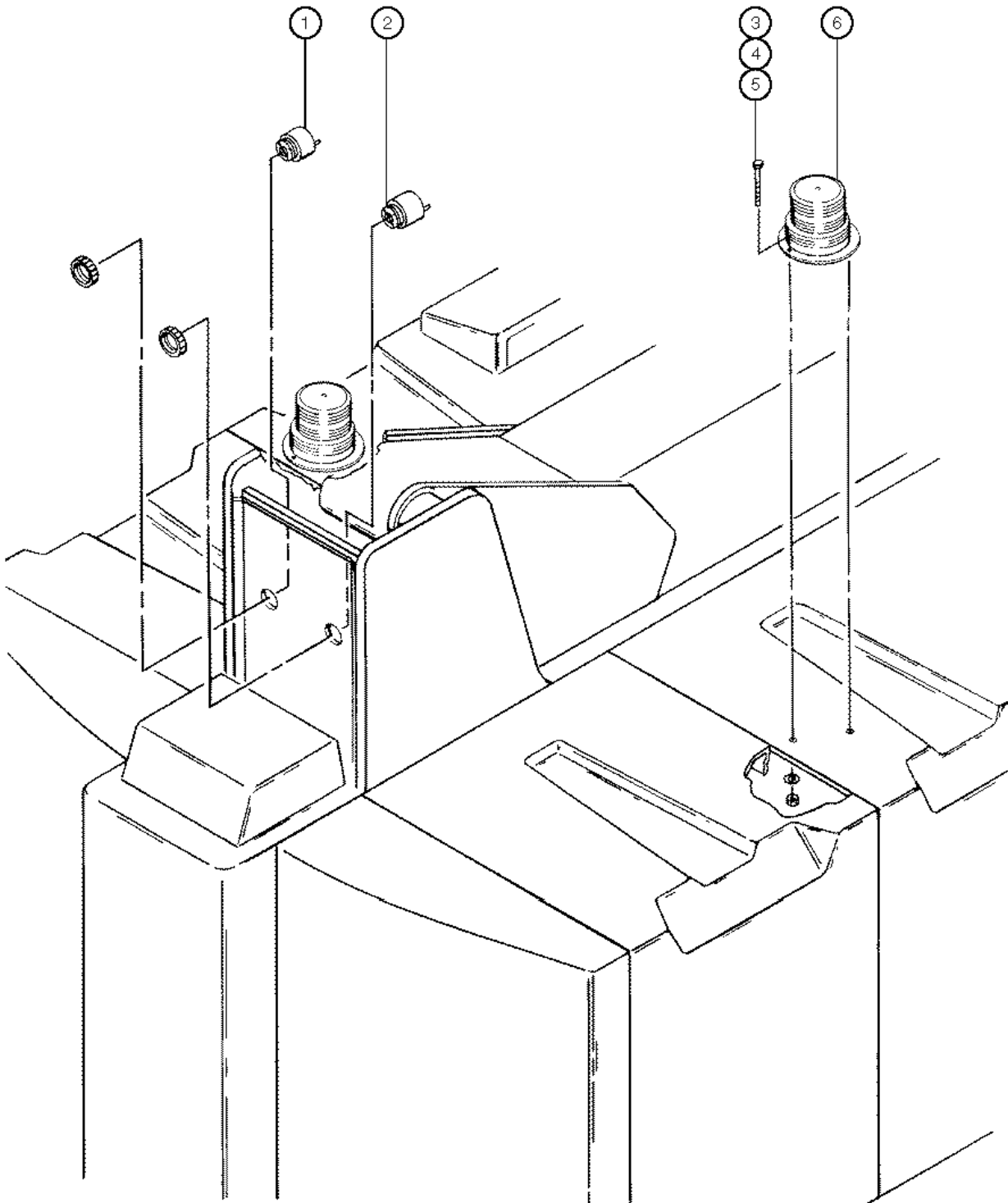
706.1 Joystick Controller - Boom Functions, Dual Axis



706.1 Joystick Controller - Boom Functions, Dual Axis

Item	Part No.	Description	Qty.
--	40613H	JOYSTICK,DUAL AXIS CONTROLL.** <i>aftermarket joystick replacement</i>	
--	40613	JOYSTICK,DUAL AXIS CONTROLL.** <i>OEM joystick, contains all shown service parts</i>	
1	27133	HANDLE,CAP,CONTROLLER.....	1
2	27134	BOOT,CONTROLLER.....	1
3	31526	O-RING,BOOT,CONTROLLER.....	1
4	27511	SPRING,24493 CONTROLLER.....	1
5	31283	BUSHING,SPRING SEAT.....	1
6	19712	MICROSWITCH,V3L-139-D8.....	4
7	31284	SHAFT ASSY W/HOUSING.....	1
8	27512	JOYSTICK, DRIVE GEAR, (24493).....	2
9	48413	PCB,ASSY,BOOM ROTATE,40613*.....	1
10	72356	POTENTIOMETER (40613) <i>(supplier p/n EPVR-342)</i>	
--	58923	SADDLE BRCKT40613,34419,53073*	
--	83088	POTENTIOMETER (40613) <i>(supplier p/n EPVR-464)</i>	
11	27514	GEAR, SLAVE, 24493.....	2
12	48414	PCB,ASSY,BOOM UP/DOWN,40613***	1

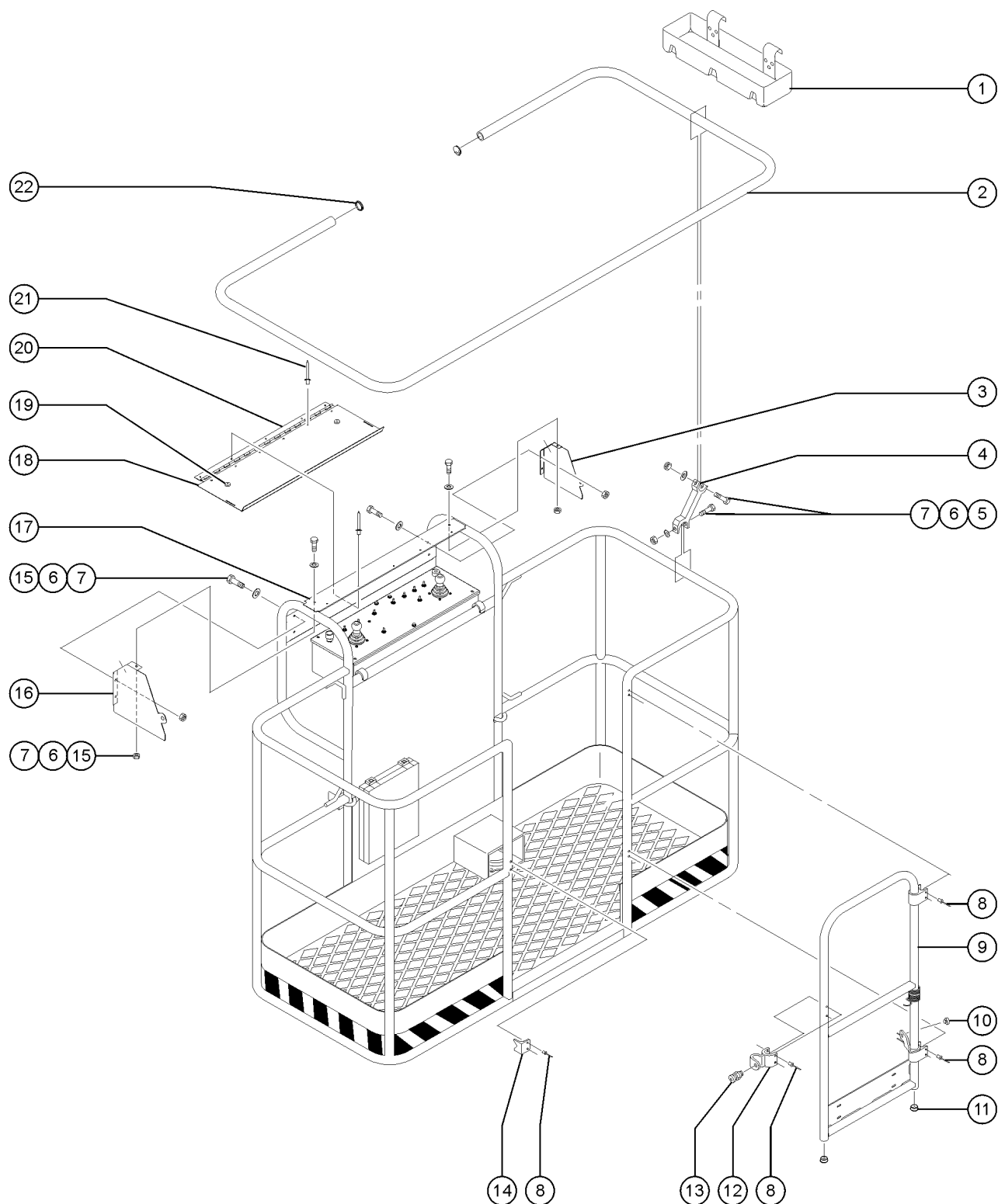
801.1 Alarm and Beacon Package



801.1 Alarm and Beacon Package

Item	Part No.	Description	Qty.
--	30619	OPTION,ALARM PKG, STICK BOOM	
1	45462	ALARM,CHIME TONE 5-25VDC***1 <i>Does not include 72326 nut</i>	1
--	72326	NUT - PLASTIC,RING FOR ALARMS.....1	1
2	18963	ALARM.INTERMITTENT TONE.24V.....1 <i>Does not include 72326 nut</i>	1
--	72326	NUT - PLASTIC,RING FOR ALARMS.....1	1
3	6066	SCREW,RHM,10-32 X .38.....6	6
4	6146	WASHER,FLAT,MS,#10,Y.....6	6
5	6178	NUT,NYLOCK,10-32.....6	6
6	56704	STROBE,FIREBOLT,12-80VDC,AMB**. <i>(replaced 20189)</i>2	2
--	122019	FLASHTUBE,U SHAPED,360DEG,BULB	
--	226393	FLASHTUBE,STRAIGHT,360DEG,BULB	
--	72282	LENS,AMBER,STROBE,FIREBOLT	

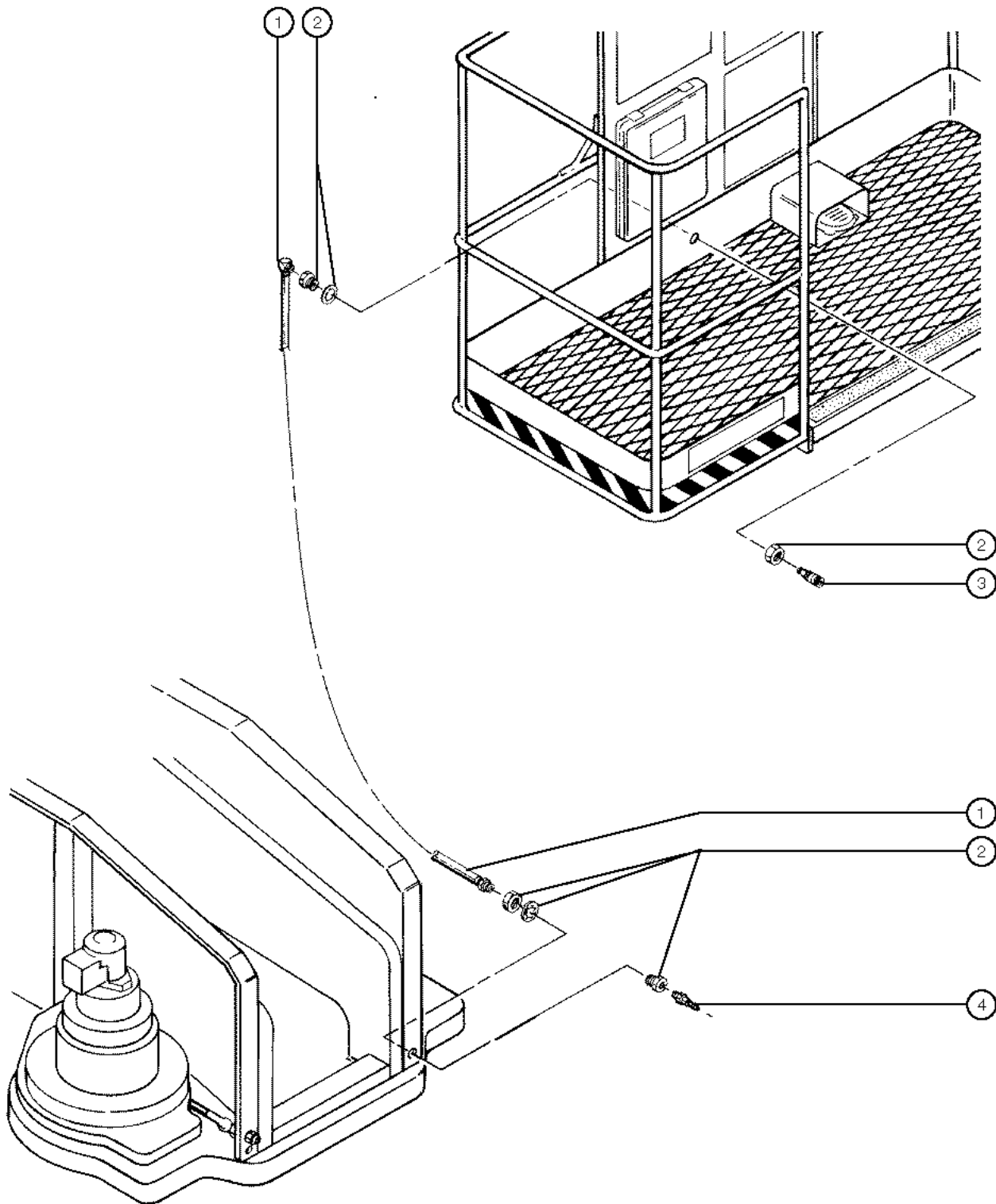
802.1 Platform Options



802.1 Platform Options

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	9599-S	TOOL TRAY ACCESSORY***.....	1	20	111526	HINGE,PLAT CONTROL BOX COVER	
2	1259704	PINCH GUARD RAIL,6' PLATFORM.....	1	21	54486	RIVET,ALUM,ALUM,3/16BUTTONHEAD	
		<i>includes 55753 bumpers</i>		22	55753	BUMPER, PLASTIC, 1.25 O.D.....	2
--	52661	PINCH GUARD RAIL,8' PLATFORM**.....	1				
3	119797	CONTROL BOX COVER, RIGHT SIDE*					
4	28807	SUPPORT,RAILING.....	10				
5	4266	SCREW,HHC,1/4-20 X 2					
6	6638	WASHER,FLAT,USS,1/4"Y					
7	6889	NUT,LP NYLOCK,1/4-20					
8	7265	RIVET,STEEL,P, .25 X .375.....	14				
9	128368	KIT,SWING GATE W/SPRING.....	1				
9A	119950	KIT,FIELD INSTALL,SWING GATE <i>includes 128368, 1487, 1488, and 33674</i>					
--	1487	GATE LATCH CASTING--DRILLED					
--	1488	RAILING CATCH CASTING--DRILLED					
--	33674	PIN,LOCK,SHORT***					
--	9596	HINGE CASTING					
10	43392	BUMPER,BATTERY BOX & RAILS.....	1				
11	31120	PLUG,NYLON 1.187 BLACK DOMED.....	2				
12	1487	GATE LATCH CASTING--DRILLED.....	1				
13	63311	SNAP PIN.....	1				
14	1488	RAILING CATCH CASTING--DRILLED.....	1				
15	6090	SCREW,HHC,1/4-20 X .75					
16	119796	CONTROL BOX COVER,LEFT SIDE**					
17	119562P	GUARD,PLATFORM CNTRL PANEL PTD					
--	119642	KIT,PLAT CONTROL PANEL GUARD** <i>includes part 119562P, required for first time installation</i>					
18	89915P	COVER,CONTROL BOX LID					
--	119795	KIT,CONTROL BOX COVER <i>includes part 89915P, index number 17 is required for first time installation</i>					
19	43392	BUMPER,BATTERY BOX & RAILS					

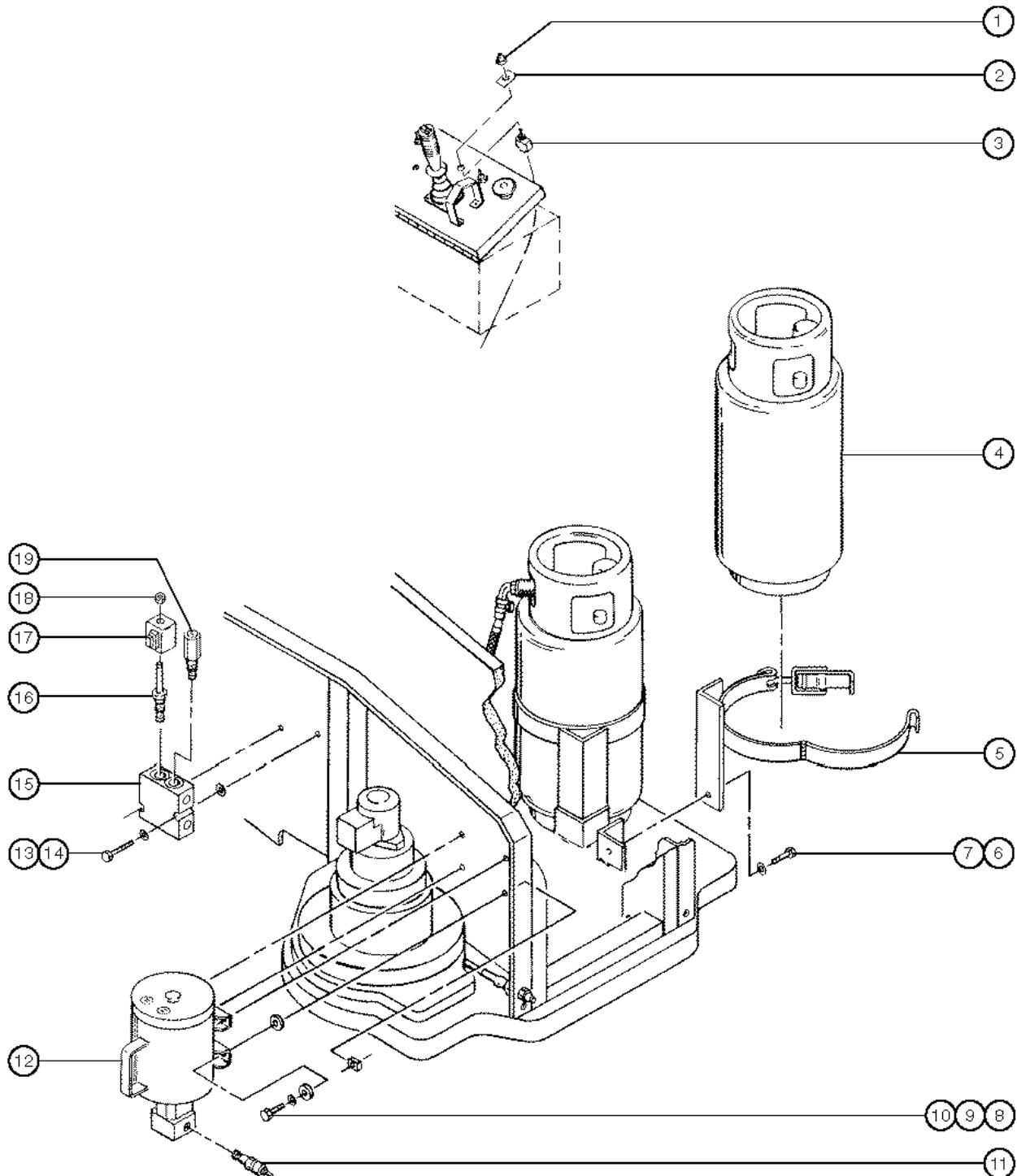
803.1 Airline to Platform



803.1 Airline to Platform

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

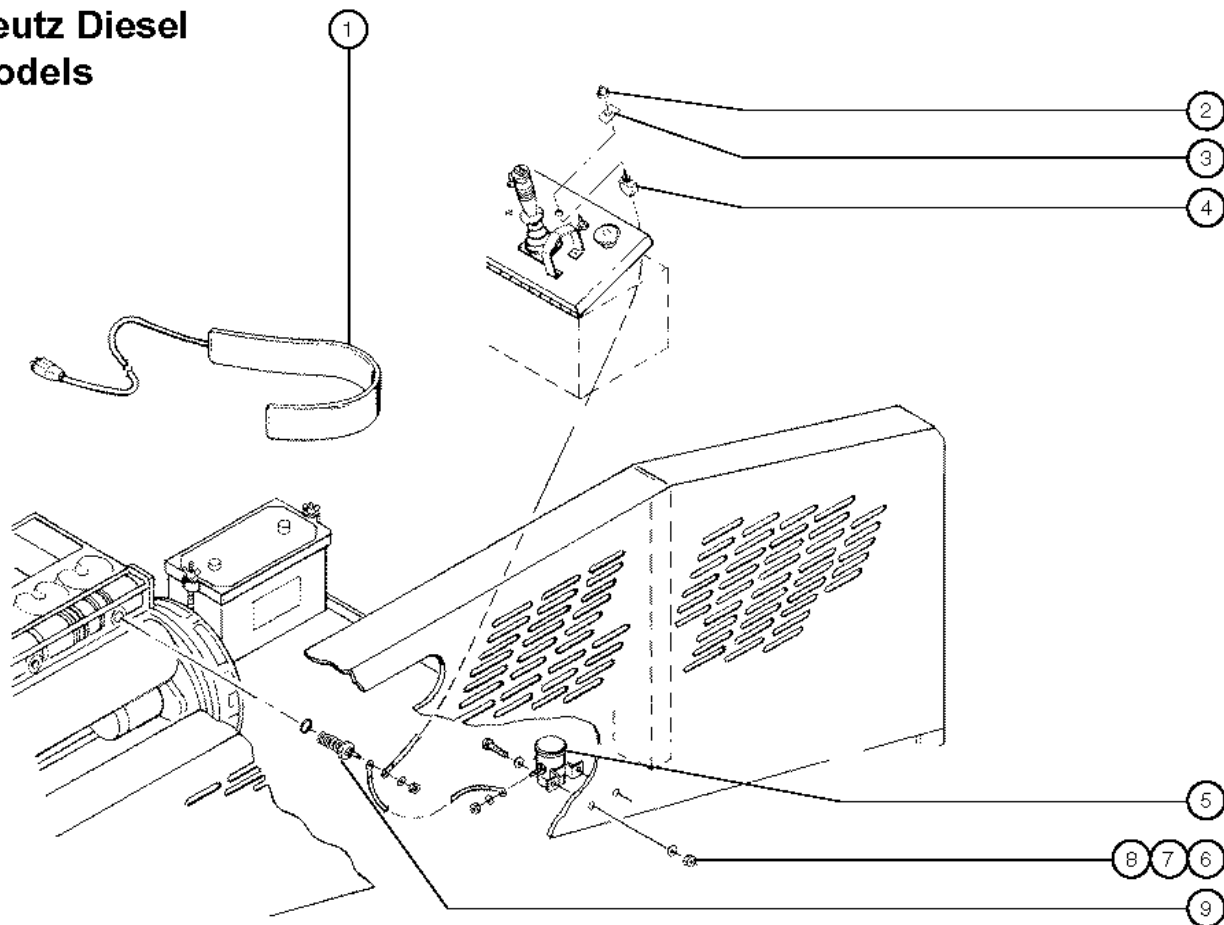
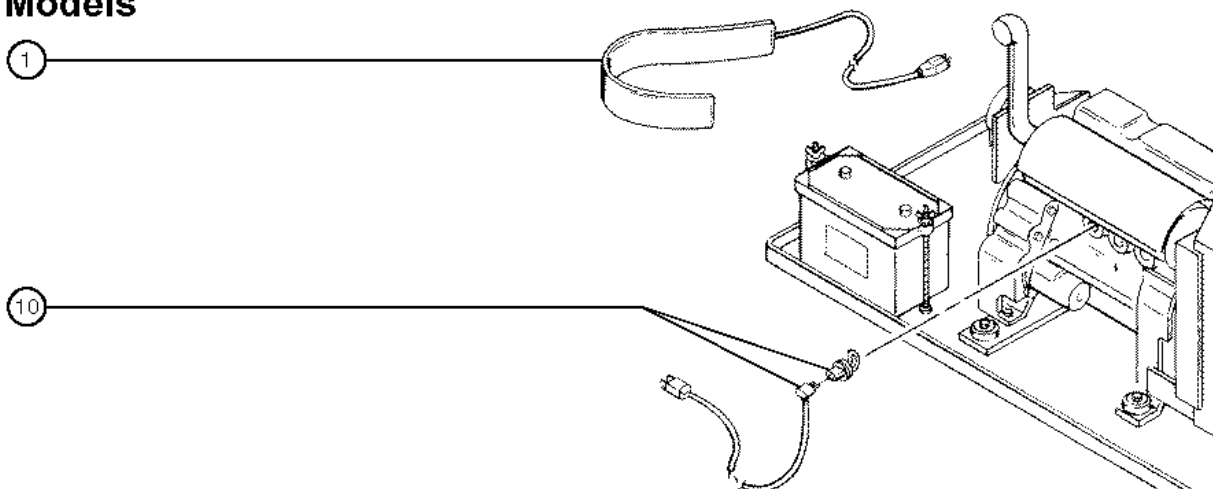
804.1 2000 Watt Generator and Spare LPG Tank



804.1 2000 Watt Generator and Spare LPG Tank

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

805.1 Cold Start Package - Ford & Deutz Engines

Deutz Diesel
ModelsFord Gasoline/LPG
Models

805.1 Cold Start Package - Ford & Deutz Engines

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

Part Number Index

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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
48771	881-10	HOSE, 5/8 INCH ID
48772	381-4	HOSE, 1/4 INCH ID
48773	AS-B-13	SLEEVE, NYLON, .86" ID
48800	1JC43-4-4	HOSE END, FEMALE SWIVEL, SEAL LOK
48801	1J743-4-4	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48802	1J943-4-4	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48804	1JM43-4-4	HOSE END, MALE, SEAL LOK, NO O-RING
48805	10643-4-4	HOSE END, FEMALE SWIVEL, JIC
48806	13943-4-4	HOSE END, 90° FEMALE SWIVEL, JIC
48807	1JS43-4-4	HOSE END, FEMALE SWIVEL, SEAL LOK
48808	3JC82-8-8	HOSE END, FEMALE SWIVEL, SEAL LOK
48809	3JC82-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
48810	1JC43-6-4	HOSE END, FEMALE SWIVEL, SEAL LOK
48811	1J943-6-4	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48812	1JC43-6-6	HOSE END, FEMALE SWIVEL, SEAL LOK
48813	1J143-6-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48814	1J543-6-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48815	1J743-6-6	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48816	1J943-6-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48817	1JS43-6-8	HOSE END, FEMALE SWIVEL, SEAL LOK
48818	1J943-8-4	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48819	1JC43-8-6	HOSE END, FEMALE SWIVEL, SEAL LOK
48820	1J743-8-6	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48821	1J943-8-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48822	1JC43-8-8	HOSE END, FEMALE SWIVEL, SEAL LOK
48823	1JS43-8-8	HOSE END, FEMALE SWIVEL, SEAL LOK
48824	1J143-8-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48825	1J543-8-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48826	1J743-8-8	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
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

Genie PN	Parker PN	Description
48847	13943-12-12	HOSE END, 90° FEMALE SWIVEL, JIC
48848	10543-12-12	HOSE END, MALE, STRAIGHT THREAD
48849	1JC71-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
48850	1JS71-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
48851	1J171-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48852	1J771-12-12	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48853	1J971-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48854	1JC43-16-16	HOSE END, FEMALE SWIVEL, SEAL LOK
48855	1J943-16-16	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48856	1J171-16-16	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48857	1J971-16-16	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48859	1JS43-8-4	HOSE END, FEMALE SWIVEL, SEAL LOK
48867	PD36BTL	DIAGNOSTIC NIPPLE, SEAL-LOK SWIVEL
48873	6 PNLO-S	PLUG, TUBE END, ORFS
48874	6 PNTX-S	PLUG, FLARE TUBE
48875	6 R6LO-S	RUN TEE, SWIVEL NUT, ORFS
48877	4 F5OLO-SW.025	CONNECTOR, STRAIGHT THREAD TO ORFS, W/.025 ORI
48878	16-12 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS
48879	8 C6LO-S	ELBOW, 90°, SWIVEL NUT ORFS
48880	PD6-285	CAP, DIAGNOSTIC NIPPLE
48881	6 HLO-S	UNION, ORFS
48883	8 P5ON-S	PLUG, STRAIGHT THREAD
48884	8M18F87OMLO-S	CONNECTOR, METRIC, STRAIGHT THREAD TO ORFS
48885	4 WGTX-WLN-S	CONNECTOR, BULKHEAD, FEMALE PIPE TO FLARE TUBE
48886	4 F5OLO-SW/2MM	CONNECTOR, MACHINED STRAIGHT THREAD TO ORFS
48887	4 CTX-S	ELBOW, 90°, MALE PIPE TO FLARE TUBE
48888	10-12 V5OLO-S	ELBOW, 45°, STRAIGHT THREAD TO ORFS
48890	4 S5OLO-S	BRANCH TEE, STRAIGHT THREAD TO ORFS
48891	4 S6LO-S	BRANCH TEE, SWIVEL NUT TO ORFS

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 F5OHAQ-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-S	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-S	VALVE,CHECK	48943	8-6 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48898	DT-750-MOMS-S	VALVE,CHECK	48944	8-8 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48899	DT-620-MOMS-S	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	8-1/4F5OG-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	8M18C87OMLO-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 WJJLO-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 F5OG-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 WLNL-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

The exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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