



Parts Manual

Serial Number Range

Z-45/22

from serial number 1523 to 2132

Part No. 32961

Rev B

September 2014

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 Industries offers the following Parts Manuals for these models:

Title	Part No
Genie Z-45/22 IC Parts Manual (from serial number 101 to 1522).....	28145
Genie Z-45/22 Parts Manual (from serial number 2133 to 9999)	52032

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Second Edition, Second Printing

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 Printed on recycled paper

Genie Z-45/22

Model Unladen weight

☐ DC	13910 lbs / 6309 kg
☐ Bi-Fuel	14770 lbs / 6699 kg
☐ Diesel	13651 lbs / 6192 kg
☐ Tri-Fuel	14650 lbs / 6645 kg
☐ Gas / LPG	13531 lbs / 6137 kg

- ☐ Serial number:
- ☐ Manufacture date: Model year:
- ☐ External voltage and frequency:
- ☐ Electrical Schematic Number:
- ☐ Maximum load: 500 lbs / 227 kg
- ☐ Maximum occupants: 2
- ☐ Occupants and equipment must not exceed 500 lbs / 227 kg
- ☐ Maximum platform height: 45 ft / 13.72 m
- ☐ Maximum horizontal reach: 23 ft / 7.0 m
- ☐ Transport height: 6 ft 6 in / 2.0 m
- ☐ Maximum allowable incline of machine when boom is raised: 0 degrees
- ☐ Maximum allowable wind speed: 28 mph / 12.5 m/s
- ☐ Maximum allowable side force on platform: 150 lbs / 667 N
- ☐ Maximum hydraulic drive pressure: 3500 psi / 241 bar
- ☐ Maximum hydraulic lift pressure: 2200 psi / 152 bar
- ☐ Maximum pressure for optional external pneumatic line: 110 psi / 7.58 bar
- ☐ This machine is manufactured to comply with the latest issues of ANSI A92.5 and CAN B.354.4

Terex South Dakota, Inc.

18340 N.E. 76th Street, Redmond, WA 98052, USA

29797 F

Z4522 92 - 12345

Model

Model year

Sequence number

Serial Label
(located under cover)

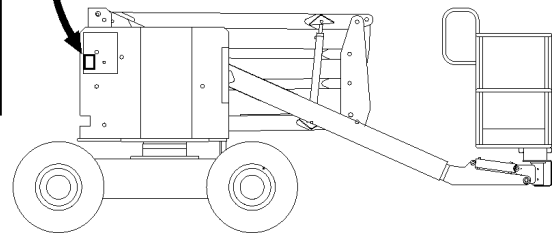


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Notes

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Required Parts

The following parts are required to perform maintenance procedures as outlined in the *Genie Z-45/22 Service Manual*.

All Models:

Description	Part No.
Plug and Cap Kit (for ORFS Fittings)	49613
Hydraulic Tank Filter Element	20293
Wheel Lug Nuts	54627
Lithium Based Grease	(source locally)
Dielectric Grease	66399
Drive Hub Oil (refer to service manual) ...	(source locally)

Ford Models:

Description	Part No.
Air Filter Element	27916
Engine Oil Filter	28656
Fuel Filter	28662
V-belt	28652
Spark Plug	28647
Distributor Cap	28650
Distributor Rotor	28649

Kubota Models:

Description	Part No.
Fuel/Water Separator Element	22942
Engine Oil Filter	27605
Air Filter Element	28973
Glow Plug	28058
Fan Belt	28710

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 Z-45/22 Service Manual (from serial number 1523)	22417
EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5	31779

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

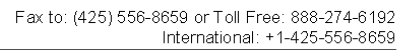
Model

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 _____

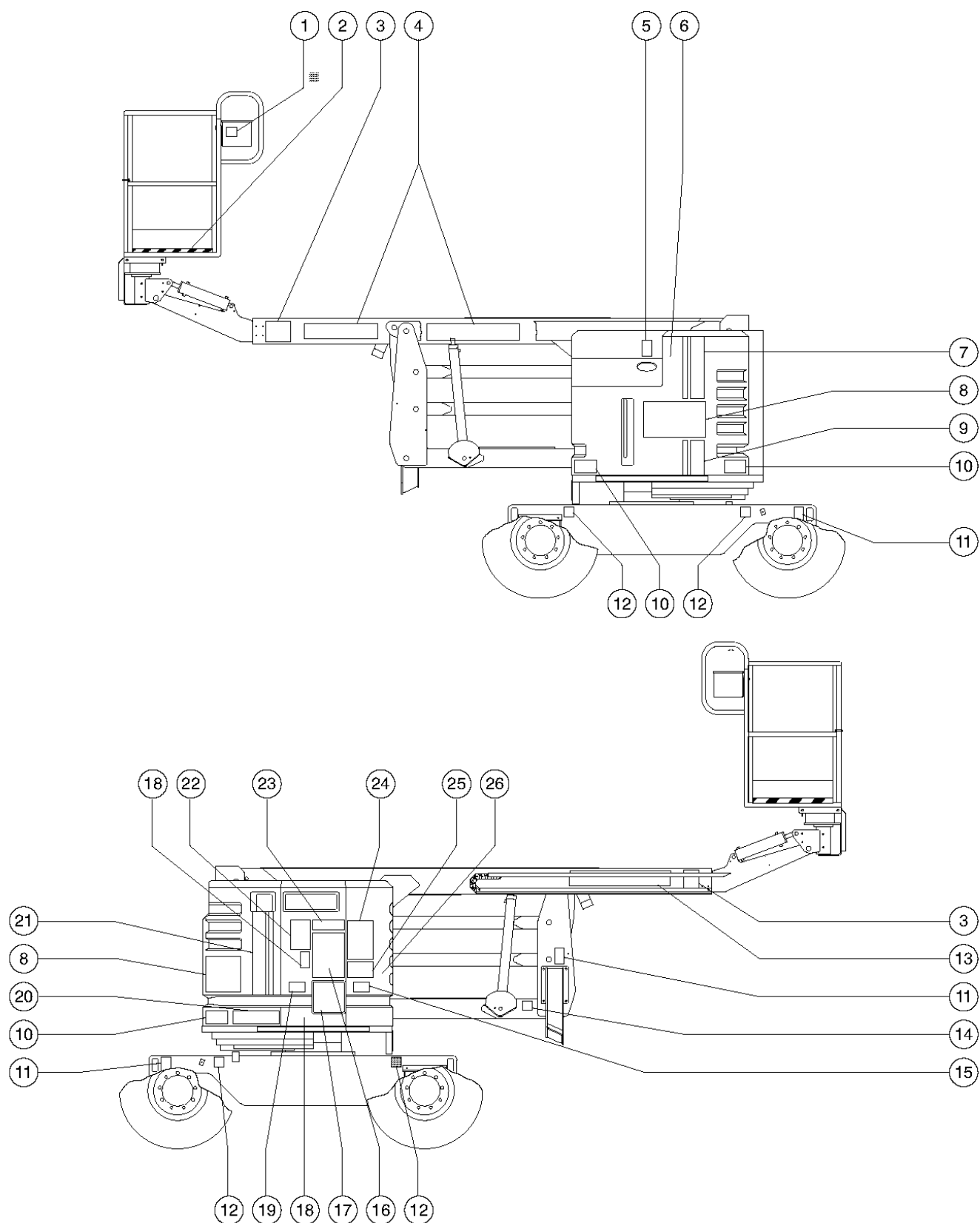
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☐ Ship complete order only - No back orders

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

☐ Other (please specify)

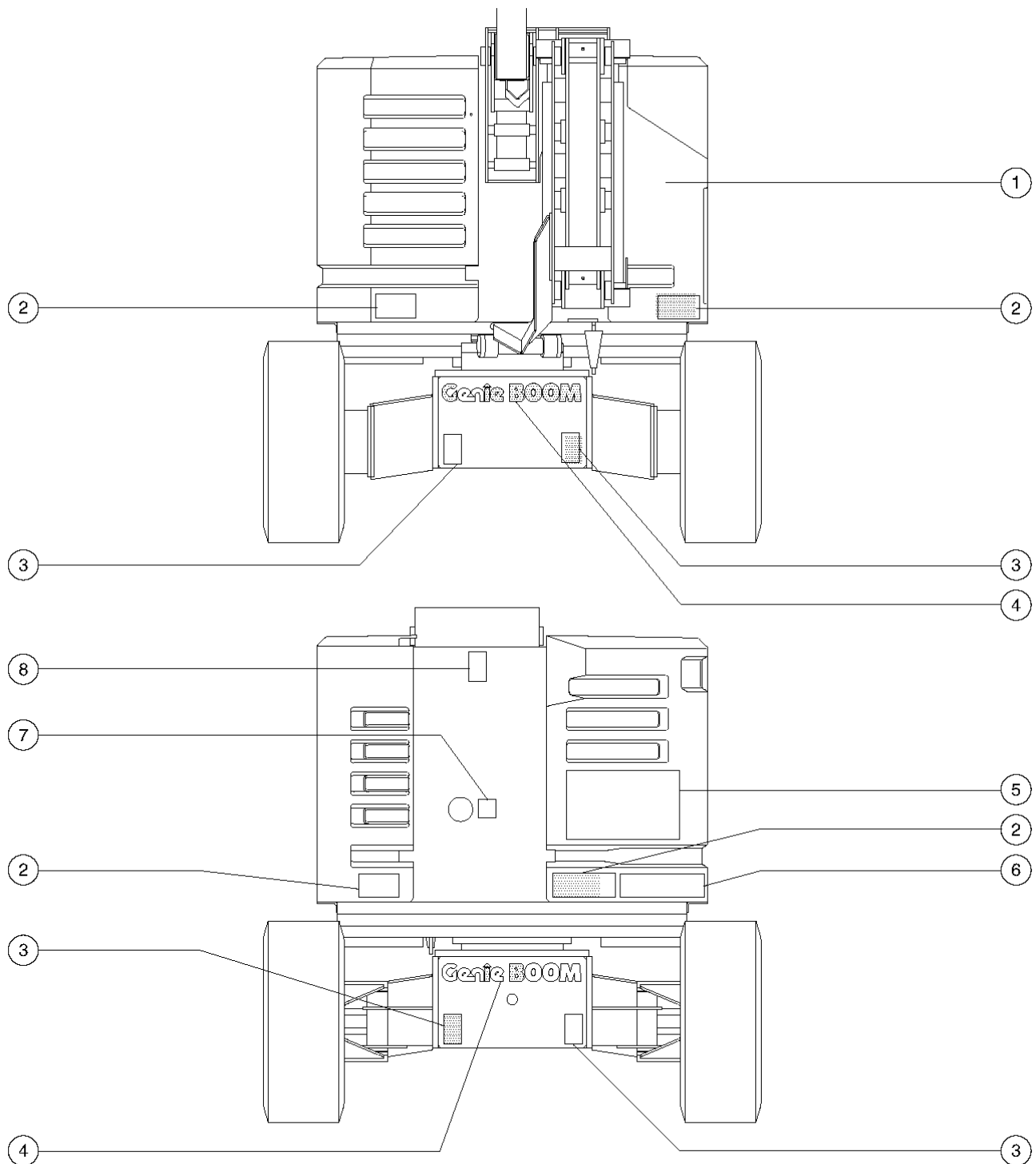
101.1 Decals and Paint - Profile View



101.1 Decals and Paint - Profile View

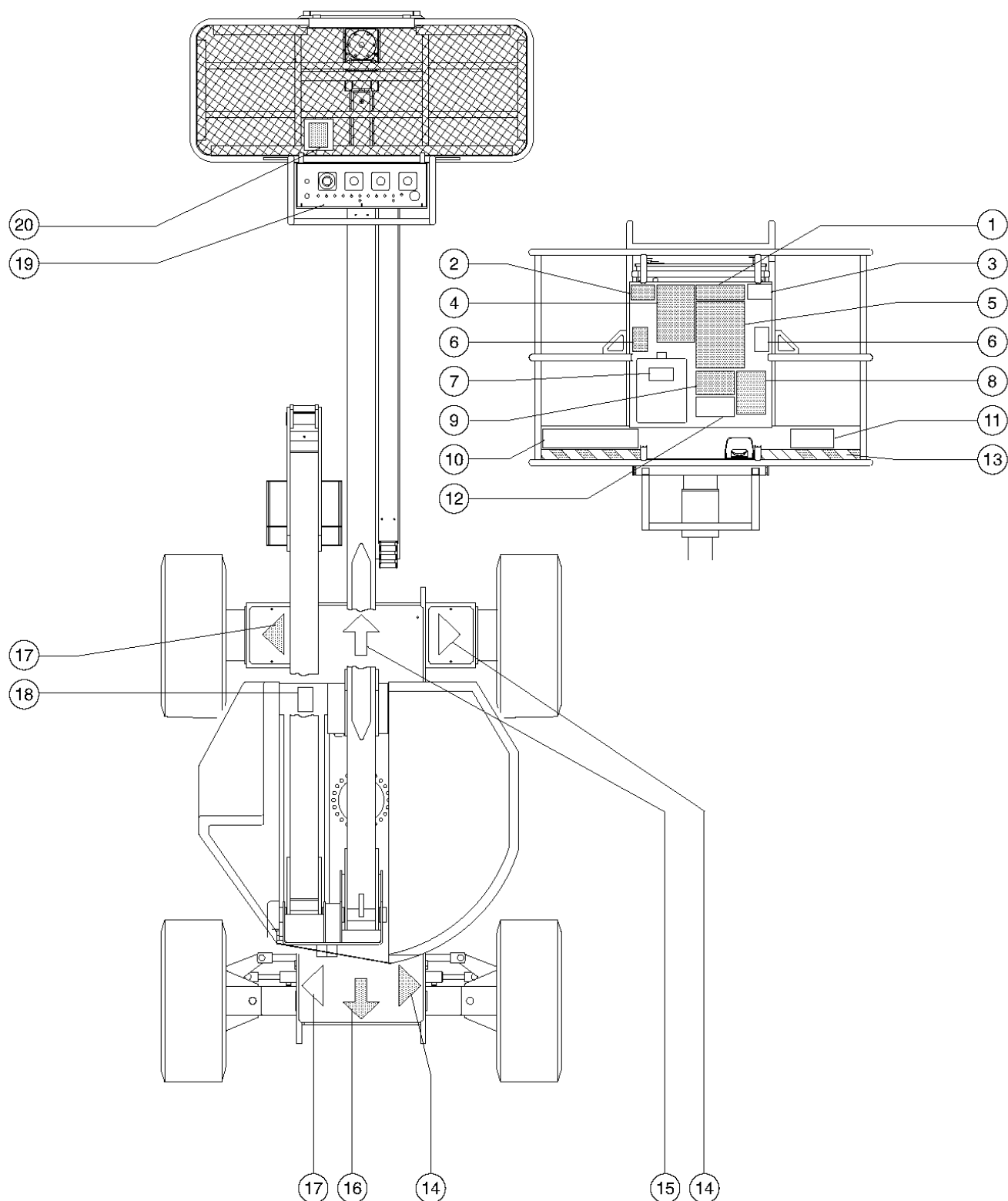
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	1268	PAINT,AEROSOL,GENIE GRAY***		18	25994	DECAL,NOTICE,SHUTOFF VALVES.....	2
--	1484	PAINT,AEROSOL,BRIGHT BLUE***		19	25983	DECAL,DANGER FALL HAZ.....	1
--	27243	DECAL KIT,COSMETIC,Z45,1991		20	30080	DECAL,NOTICE,MAX LOAD 500 LBS.....	1
--	27244	DECAL KIT,INSTRUCTIONAL,Z45 <i>does not include index numbers 2 and 5, which are ordered separately, for units built to 4/95</i>		21	28045	DECAL,STRIPE,6 X 25.5,BLUE.....	1
--	32150	PAINT,WET,GENIE BLUE (1 GL)**		22	25989	DECAL,WALK AROUND FUNCTN.TEST.....	1
--	32151	PAINT,WET,GENIE GRAY (1 GL)**		23	25066	DECAL,IMPROPER USE HAZARD.....	1
--	35031	DECAL KIT,INSTRUCT,Z45,5/94 <i>for units built from 4/95</i>		24	25979	DECAL,SAFETY RULES.....	1
1	28174	DECAL,POWER TO PLATFORM 230V.....	1	25	25981	DECAL,ELECTROCUTION HAZARD.....	1
1	28235	DECAL,POWER TO PLATFORM 115V.....	1	26	25990	DECAL,DANGER MOVING PARTS.....	1
2	33550	TAPE,WARNING,BLK/YEL, 50'***.....	125 inches				
3	28044	DECAL,STRIPE,6 X 21.4,WHITE.....	2				
4	28042	DECAL,GENIE Z45/22,6 X 59.....	1				
5	28158	DECAL,LABEL,UNLEADED GAS ONLY.....	2				
5	28159	DECAL,DIESEL.....	2				
6	28157	DECAL,USE DEXRON***.....	1				
7	28046	DECAL,STRIPE,6 X 18,BLUE.....	1				
8	27369	DECAL,GENIE 4WD, WHITE.....	2				
		<i>4WD Models</i>					
8	27520	DECAL,GENIE BOOM, WHITE.....	2				
		<i>2WD Models</i>					
9	28047	DECAL,STRIPE,6 X 13,BLUE.....	1				
10	25980	DECAL,ELECTROCUTION HAZARD.....	3				
11	28161	DECAL,WARN,CRUSH HAZARD HAND.....	3				
12	29935	DECAL,NOTICE,TIRE PRESS&TORQUE.....	4				
13	28043	DECAL,GENIE Z45/22,4 X 39.....	1				
14	28179	DECAL,WARN,DON'T ALTER LIMIT.....	1				
15	27003	DECAL,PERFORM INSPECTIONS.....	1				
16	25975	DECAL,OPER. INSTR.....	1				
17	30084	DECAL,GROUND CONTROL PANEL.....	1				

102.1 Decals and Paint - End View



Item	Part No.	Description	Qty.
--	1268	PAINT,AEROSOL,GENIE GRAY***	
--	1484	PAINT,AEROSOL,BRIGHT BLUE***	
--	27243	DECAL KIT,COSMETIC,Z45,1991	
--	27244	DECAL KIT,INSTRUCTIONAL,Z45 <i>does not include index number 1, which is ordered separately, for units built to 4/95</i>	
--	32150	PAINT,WET,GENIE BLUE (1 GL)**	
--	32151	PAINT,WET,GENIE GRAY (1 GL)**	
--	35031	DECAL KIT,INSTRUCT,Z45,5/94 <i>for units built from 4/95</i>	
1	28160	DECAL,LABEL,LIQUID PROPANE.....1 <i>Gasoline/LPG models</i>	
2	25980	DECAL,ELECTROCUTION HAZARD.....4	
3	27001	DECAL,TRANSPORT TIE DOWN....4	
4	21383	DECAL,GENIE BOOM,24.5",WHITE.....2	
5	27369	DECAL,GENIE 4WD, WHITE.....1 <i>4WD Models</i>	
5	27520	DECAL,GENIE BOOM, WHITE.....1 <i>2WD Models</i>	
6	30080	DECAL,NOTICE,MAX LOAD 500 LBS.....1	
7	28174	DECAL,POWER TO PLATFORM 230V.....1	
7	28235	DECAL,POWER TO PLATFORM 115V.....1	
8	28161	DECAL,WARN,CRUSH HAZARD HAND.....1	

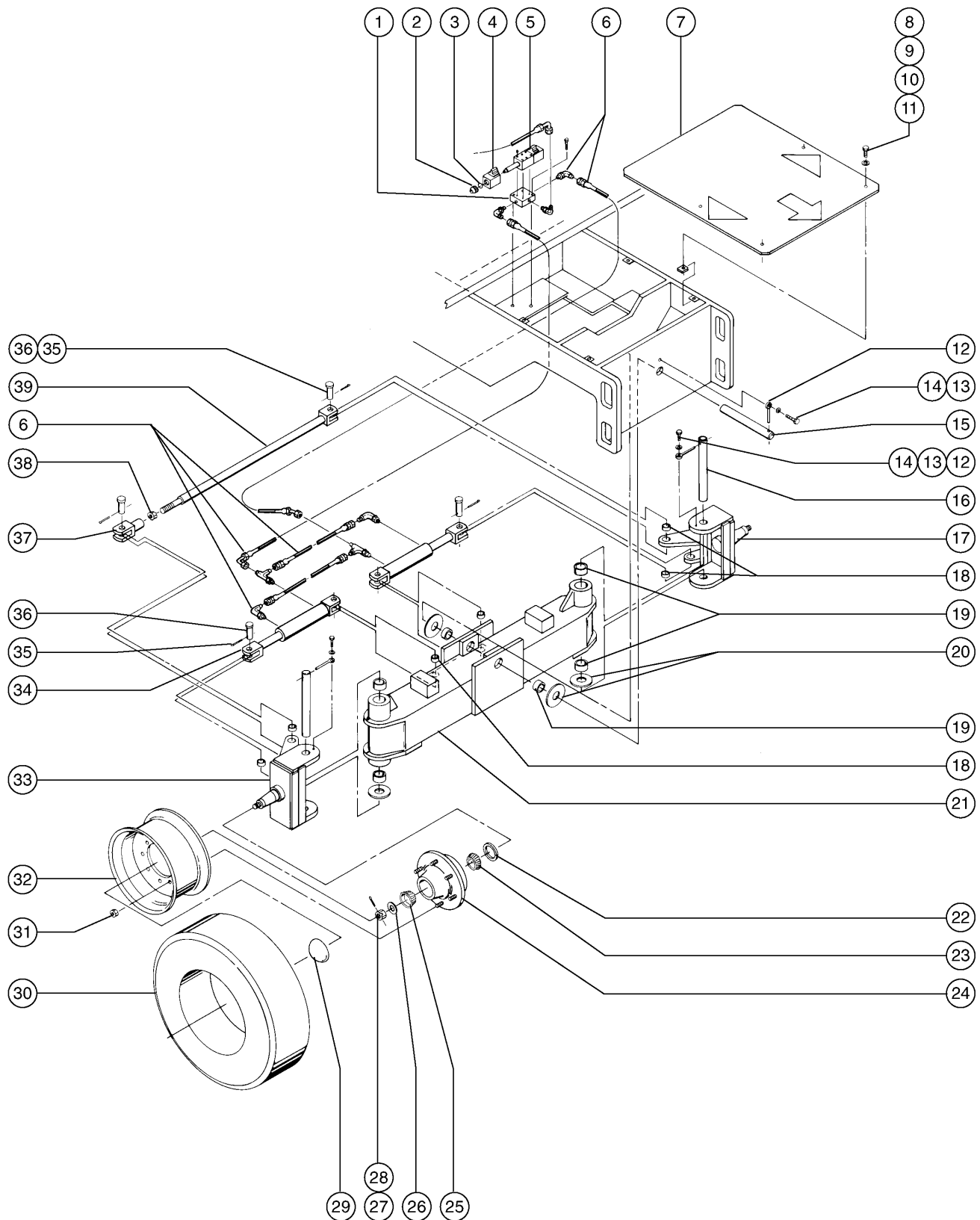
103.1 Decals and Paint - Overhead View and Platform



103.1 Decals and Paint - Overhead View and Platform

Item	Part No.	Description	Qty.
--	1268	PAINT,AEROSOL,GENIE GRAY***	
--	1484	PAINT,AEROSOL,BRIGHT BLUE***	
--	27243	DECAL KIT,COSMETIC,Z45,1991	
--	27244	DECAL KIT,INSTRUCTIONAL,Z45 <i>units built to 4/95</i>	
--	32150	PAINT,WET,GENIE BLUE (1 GL)**	
--	32151	PAINT,WET,GENIE GRAY (1 GL)**	
--	35031	DECAL KIT,INSTRUCT,Z45,5/94 <i>for units built from 4/95</i>	
1	25066	DECAL,IMPROPER USE HAZARD.....	1
2	27044	DECAL,TIP OVER MAX LOAD.....	1
3	25983	DECAL,DANGER FALL HAZ.....	1
4	25979	DECAL,SAFETY RULES.....	1
5	25975	DECAL,OPER. INSTR.....	1
6	25988	DECAL,LANYARD ANCHOR.....	2
7	28236	DECAL,WARN,IMPROPER OPERATION.....	1
8	25989	DECAL,WALK AROUND FUNCTN.TEST.....	1
9	25981	DECAL,ELECTROCUTION HAZARD.....	1
10	30080	DECAL,NOTICE,MAX LOAD 500 LBS.....	1
11	97887	DECAL,INSTR,MAX SIDE FRC,ANSI.....	1
12	25982	DECAL,PLAT.FALL HAZARD.....	1
13	33550	TAPE,WARNING,BLK/YEL, 50'***.....	125 inche
14	27206	DECAL,TRIANGLE,BLUE.....	2
15	27205	DECAL,ARROW YELLOW LRG 9".....	1
16	27204	DECAL,ARROW BLUE.....	1
17	27207	DECAL,TRIANGLE,YELLOW.....	2
18	28161	DECAL,WARN,CRUSH HAZARD HAND.....	1
19	32922	DECAL,PLATFORM CTRL PANEL ***.....	1
20	28165	DECAL,INSTRUCT,FOOTSWITCH OPER.....	1

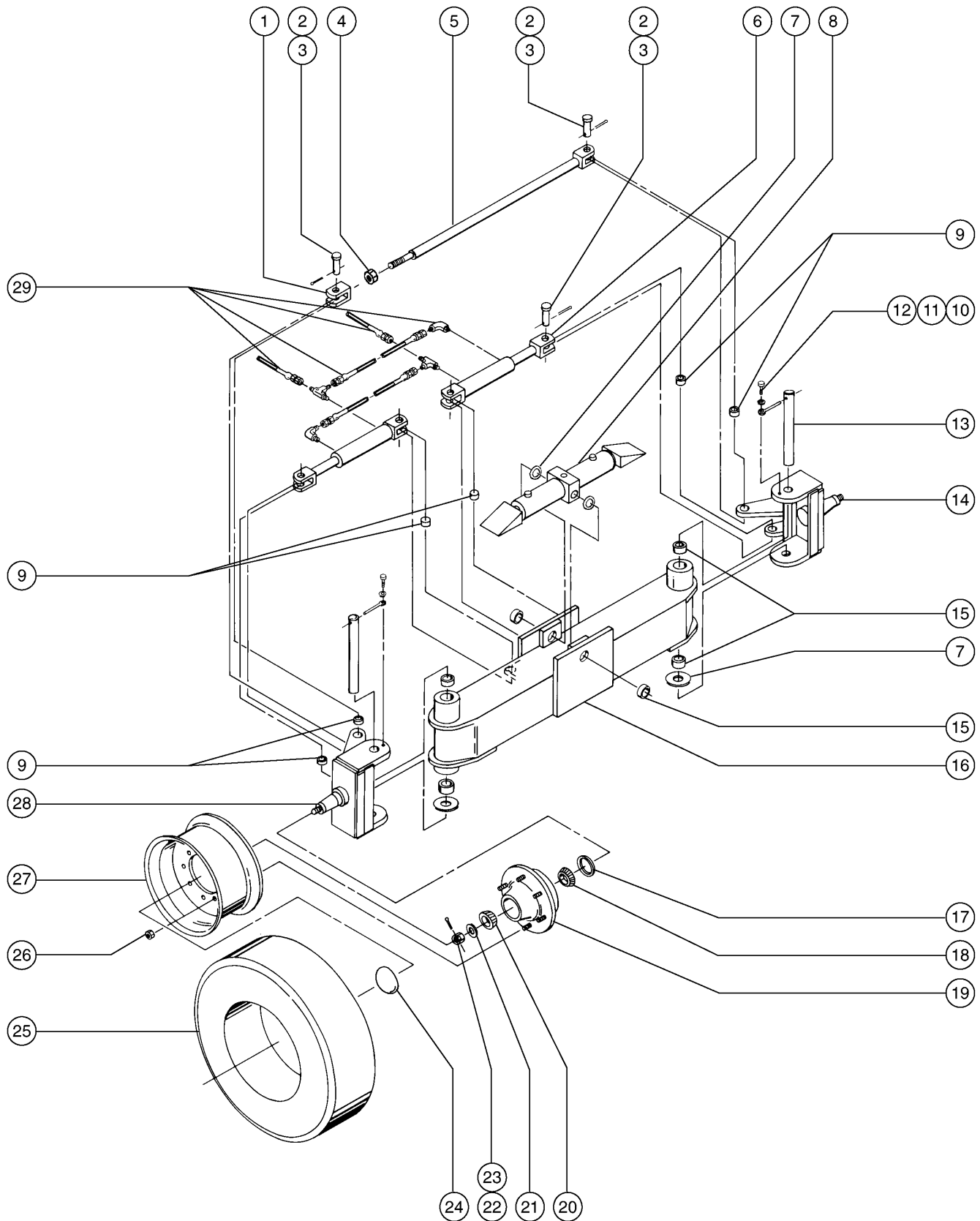
201.1 2WD Steer Linkage - Non-oscillating Axle



201.1 2WD Steer Linkage - Non-oscillating Axle

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	24675	SUB PLATE (SPOOL VALVE).....	1	--	54010	TUBELESS PNEUMATIC TIRE,9-14LT <i>for 45093</i>	
2	45913	NUT,DO1 VALVE.....	2	30A	45460	ASSY,TIRE&WHEEL,Z45,FF,IND.....	2
3	45914	O-RING, DO1 VALVE.....	2			<i>Industrial, Foam-filled</i>	
4	223763	COIL WITH DE CONNECTOR.....	2	30B	110712	TIRE/WHEEL ASSY,RT W/SEALANT.....	2
5	146160	VALVE KIT,D03.....	1			<i>RT, with sealant</i>	
		<i>includes nut and coil</i>		30B	110713	TIRE/WHEEL ASSY,RT W/SEALANT.....	2
6		Ref. Hydraulic Hoses & Fittings.....	1			<i>RT, with sealant</i>	
		<i>refer to section 207.1</i>		30C	110718	TIRE/WHEEL ASSY,RT NM W/SEALAN.....	2
7	27661	COVER W/DECAL,FRONT.....	1			<i>RT, Non-marking, with sealant</i>	
8	6090	SCREW,HHC,1/4-20 X .75.....	4	30C	110719	TIRE/WHEEL ASSY,RT NM W/SEALAN.....	2
9	6356	WASHER,LOCK,.25.....	4			<i>RT, Non-marking, with sealant</i>	
10	6638	WASHER,FLAT,USS,1/4"Y.....	4	31	54627	NUT,LUG,5/8-18 X 90 DEGREE,Z45.....	16
11	56912	SPRING CLIP,1/4-20,.025-.15X.5....	4	32	24403	WHEEL,17.5 X 10.5,9 HOLE 50#.....	2
12	45226	ROD END,.375 X 3.69.....	3	32	45040	RIM,Z45,14.5 X 7(8 HOLE ON 8BC.....	2
13	8516	SCREW,HHC,3/8-16 X 1.50,GR5.....	3	33	27685	YOKE ASSY,RT.HAND W/BUSHINGS.....	1
14	6021	WASHER,LOCK,.375.....	3			<i>includes 2 each index number 22</i>	
15	29057	PIN,AXLE PIVOT,10.75 X 1.5".....	1	34	24390	CYLINDER,STEER,2 X 6.....	2
16	25058	PIN,KING,14.5 X 1.5 INCH.....	2	34	45548	SEAL KIT (CYL PN 13078) BL.....	2
17	27684	YOKE ASSY,L.H.,2WD W/BUSHINGS.....	1	35	5361	PIN,COTTER,.125 X 1.5.....	6
		<i>includes 2 each index number 22</i>		36	19440	PIN,CLEVIS,1 X 2.5 LG.....	6
18	25817	BEARING,1.00IDX1.25ODX1.00L....	6	37	23154-S	WELDMENT,ROD END.....	1
19	45071	BEARING,1.5IDX1.75ODX1.5L.....	6	38	28352	NUT,HEX,JAM,1-8.....	1
20	45074	WASHER,THRUST,1.5 X 3.5 X .187.....	4	39	24544	TIE ROD WELDMENT Z/45.....	1
21	27686	AXLE ASSY, RIGID FRONT (2WD).....	1				
		<i>includes index numbers 22 and 23</i>					
22	45110	SEAL-GREASE,MODEL 60-8.....	2				
22	45873	SEAL/BEARING KIT (45043,54840).....	2				
		<i>includes index numbers 26, 27, 29 through 33</i>					
23	45107	INNER CONE - MODEL 60-8.....	2				
24	21166	LUG BOLT,5/8-18,WHEEL HUB***.....	6				
24	45043	HUB ASSEMBLY MODEL#60-8.....	2				
25	45108	OUTER CONE - MODEL 60-8.....	2				
26	45112	WASHER,SPINDLE.....	2				
27	45113	NUT,SPINDLE,1-14.....	2				
28	45114	PIN,COTTER,.219 X 1.75.....	2				
29	45111	CAP,DUST,45873 HUB KIT.....	2				
30	45093	ASSY,TIRE & WH.STEER,AF.....	2				
		<i>Industrial, Air-filled</i>					

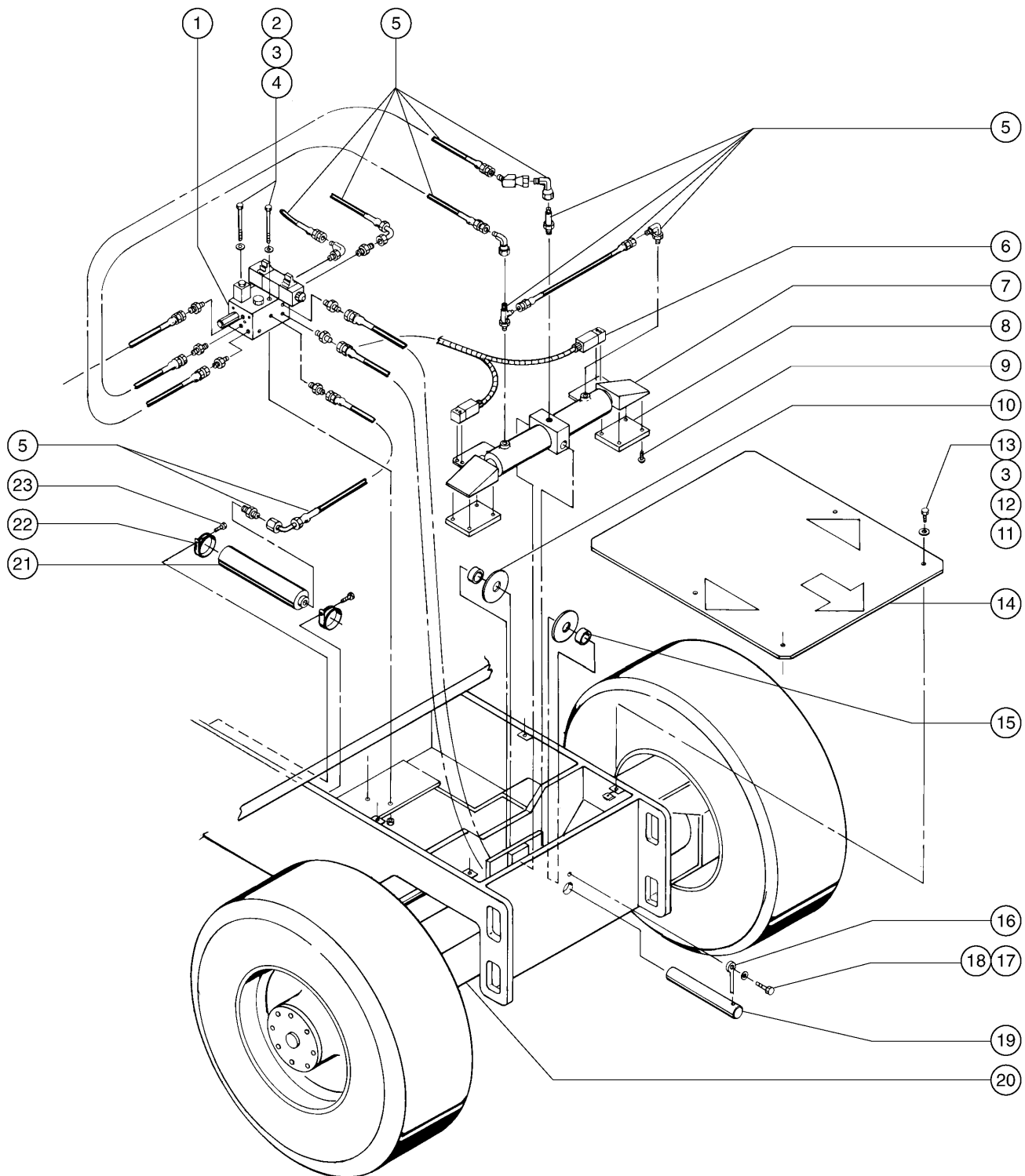
202.1 2WD Steer Lndage - Oscillating Axle



202.1 2WD Steer Lindage - Oscillating Axle

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	23154-S	WELDMENT,ROD END.....	1	25	110718	TIRE/WHEEL ASSY,RT NM W/SEALAN.....	2
2	19440	PIN,CLEVIS,1 X 2.5 LG.....	6			<i>RT, Non-marking, with sealant</i>	
3	5361	PIN,COTTER,,125 X 1.5.....	6	25	110719	TIRE/WHEEL ASSY,RT NM W/SEALAN.....	2
4	28352	NUT,HEX,JAM,1-8.....	1			<i>RT, Non-marking, with sealant</i>	
5	24544	TIE ROD WELDMENT Z/45.....	1	25	45093	ASSY,TIRE & WH.STEER,AF.....	2
6	24390	CYLINDER,STEER,2 X 6.....	2			<i>Industrial, Air-filled</i>	
6	45548	SEAL KIT (CYL PN 13078) BL.....	2	--	54010	TUBELESS PNEUMATIC TIRE,9-14LT <i>for 45093</i>	
7	45074	WASHER,THRUST,1.5 X 3.5 X .187.....	6	25A	45460	ASSY,TIRE&WHEEL,Z45,FF,IND....	2
8	24484	CYLINDER,OSCIL.,2.5X3,DBL.ACT..	1			<i>Industrial, Foam-filled</i>	
9	25817	BEARING,1.00IDX1.25ODX1.00L....	6	26	54627	NUT,LUG,5/8-18 X 90 DEGREE,Z45.....	16
10	8516	SCREW,HHC,3/8-16 X 1.50,GR5....	3	27	27318	WHEEL,17.5X10.5,8 HOLES/8BC%%%%.....	2
11	6021	WASHER,LOCK,,375.....	3	27	45040	RIM,Z45,14.5 X 7(8 HOLE ON 8BC.....	2
12	45226	ROD END,,375 X 3.69.....	3	28	27685	YOKE ASSY,RT.HAND W/BUSHINGS.....	1
13	25058	PIN,KING,14.5 X 1.5 INCH.....	2			<i>includes 2 each index number 9</i>	
14	27684	YOKE ASSY,L.H.,2WD W/BUSHINGS.....	1	29		Ref. Hydraulic Hoses & Fittings.....	1
		<i>includes 2 each index number 9</i>				<i>refer to section 208.1</i>	
15	45071	BEARING,1.5IDX1.75ODX1.5L.....	6				
16	27666	OSCILLATING FRONT AXLE ASSY.....	1				
		<i>includes index numbers 9 and 15</i>					
17	45110	SEAL-GREASE,MODEL 60-8.....	2				
17	45873	SEAL/BEARING KIT (45043,54840).....	2				
		<i>includes index numbers 26, 27, 29 through 33</i>					
18	45107	INNER CONE - MODEL 60-8.....	2				
19	21166	LUG BOLT,5/8-18,WHEEL HUB***.....	6				
19	45043	HUB ASSEMBLY MODEL#60-8.....	2				
20	45108	OUTER CONE - MODEL 60-8.....	2				
21	45112	WASHER,SPINDLE.....	2				
22	45113	NUT,SPINDLE,1-14.....	2				
23	45114	PIN,COTTER,,219 X 1.75.....	2				
24	45111	CAP,DUST,45873 HUB KIT.....	2				
25	110712	TIRE/WHEEL ASSY,RT W/SEALANT.....	2				
		<i>RT, with sealant</i>					
25	110713	TIRE/WHEEL ASSY,RT W/SEALANT.....	2				
		<i>RT, with sealant</i>					

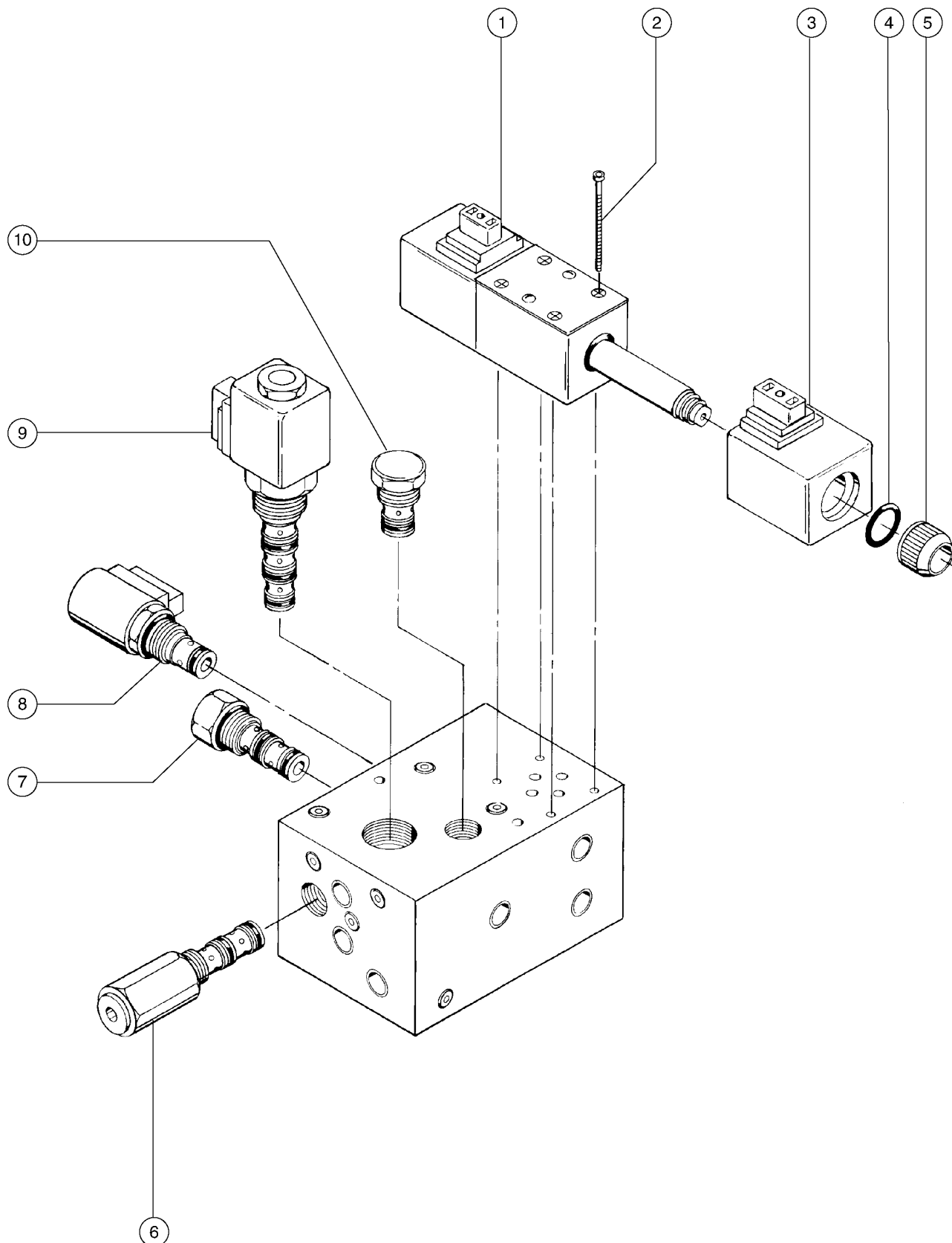
203.1 2WD Oscillate System



203.1 2WD Oscillate System

Item	Part No.	Description	Qty.
1	24503	MANIFOLD,STEER/OSCILLATION..1	
2	10744	SCREW,HHC,1/4-20 X 5.....2	
3	6638	WASHER,FLAT,USS,1/4"Y.....6	
4	6091	NUT,NYLOCK,1/4-20.....2	
5		Ref. Hydraulic Hoses & Fittings.....2 <i>refer to section 208.1</i>	
6	88356-11103	SWITCH,LIMIT,W/RLR ARM,NO/NC.....2	
--	19491	CONTACTOR,LIMIT SWITCH	
--	97128	ROLLER ARM,LIMIT SWITCH***	
7	18471	SEAL KIT (CYL.PN# 45033,45034).....1	
7	24484	CYLINDER,OSCIL.,2.5X3,DBL.ACT..1	
8	24705	WEAR PAD,OSCILLATING AXLE, Z45.....2	
9	45425	SCREW,FHS,3/8-16 X .75.....8	
10	45074	WASHER,THRUST,1.5 X 3.5 X .187.....2	
11	6090	SCREW,HHC,1/4-20 X .75.....4	
12	6356	WASHER,LOCK,.25.....4	
13	56912	SPRING CLIP,1/4-20,.025-.15X.5....4	
14	27661	COVER W/DECAL,FRONT.....1	
15	45071	BEARING,1.5IDX1.75ODX1.5L.....2	
16	45226	ROD END,.375 X 3.69.....1	
17	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....1	
18	6021	WASHER,LOCK,.375.....1	
19	29057	PIN,AXLE PIVOT,10.75 X 1.5".....1	
20		Ref. Steer Linkage & Oscillating Axle Installation.....1 <i>refer to section 202.1</i>	
21	27374	ACCUMULATOR,1800PSI PRECHARGE*.....1	
22	27497	CLAMP,RUBBER CUSHIONED-2 5/32.....2	
23	8915	SCREW,HHC,1/4-20 X 1.25.....2	

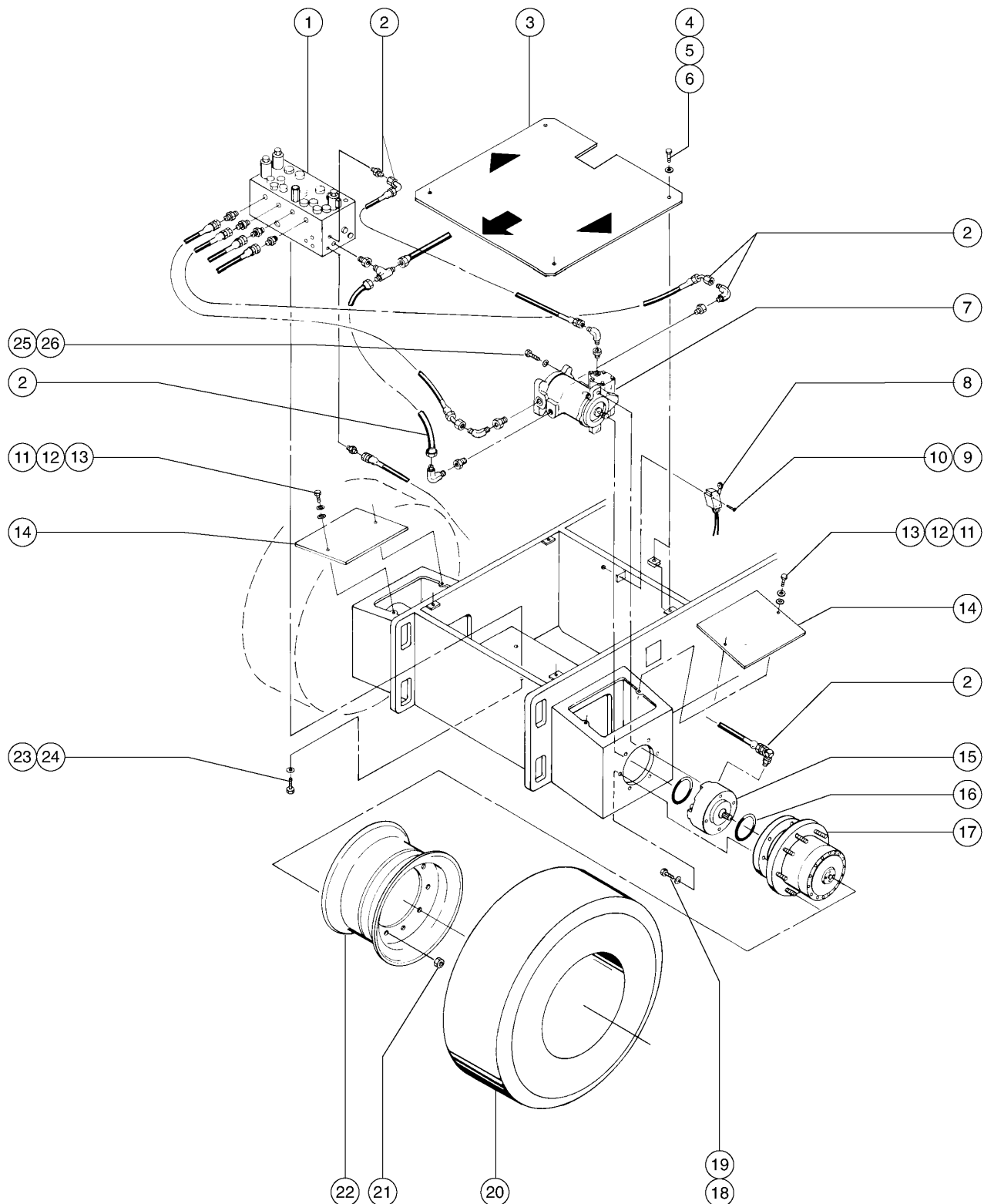
204.1 Steer/Oscillate Manifold



204.1 Steer/Oscillate Manifold

Item	Part No.	Description	Qty.
--	24503	MANIFOLD,STEER/OSCILLATION	
--	25375	SEAL KIT (ALL MANIFOLDS)	
1	146161	VALVE KIT,D03.....1 <i>includes index numbers 3, 4 and 5</i>	
2	45916	SCREW,SHC,10-24 X 1.250 (D01).....4	
3	223763	COIL WITH DE CONNECTOR.....2 <i>use connector from old coil when replacing</i>	
4	45914	O-RING, DO1 VALVE.....2	
5	45913	NUT,DO1 VALVE.....2	
6	110197	SEAL KIT, VALVE, #10	
6	27531	VALVE,PILOT OPERATED.....1	
7	110197	SEAL KIT, VALVE, #10	
7	27532	VALVE,DIFFERENTIAL SENSING.....1	
8	19995	VALVE,SOLENOID,2 WAY,12V.....1	
8	21444	COIL,12 VOLT (21299 MANIFOLD).....1	
8	52943	NUT,SOLENOID VALVE.....1	
9	22813	COIL,12V.19970,19971.....1	
9	27534	VALVE, SOLENOID 2 POS 4 WAY12V.....1	
9	52943	NUT,SOLENOID VALVE.....1	
10	110194	SEAL KIT, VALVE, #10	
10	20318	VALVE,CHECK CP100-2-B-O-005.....1	

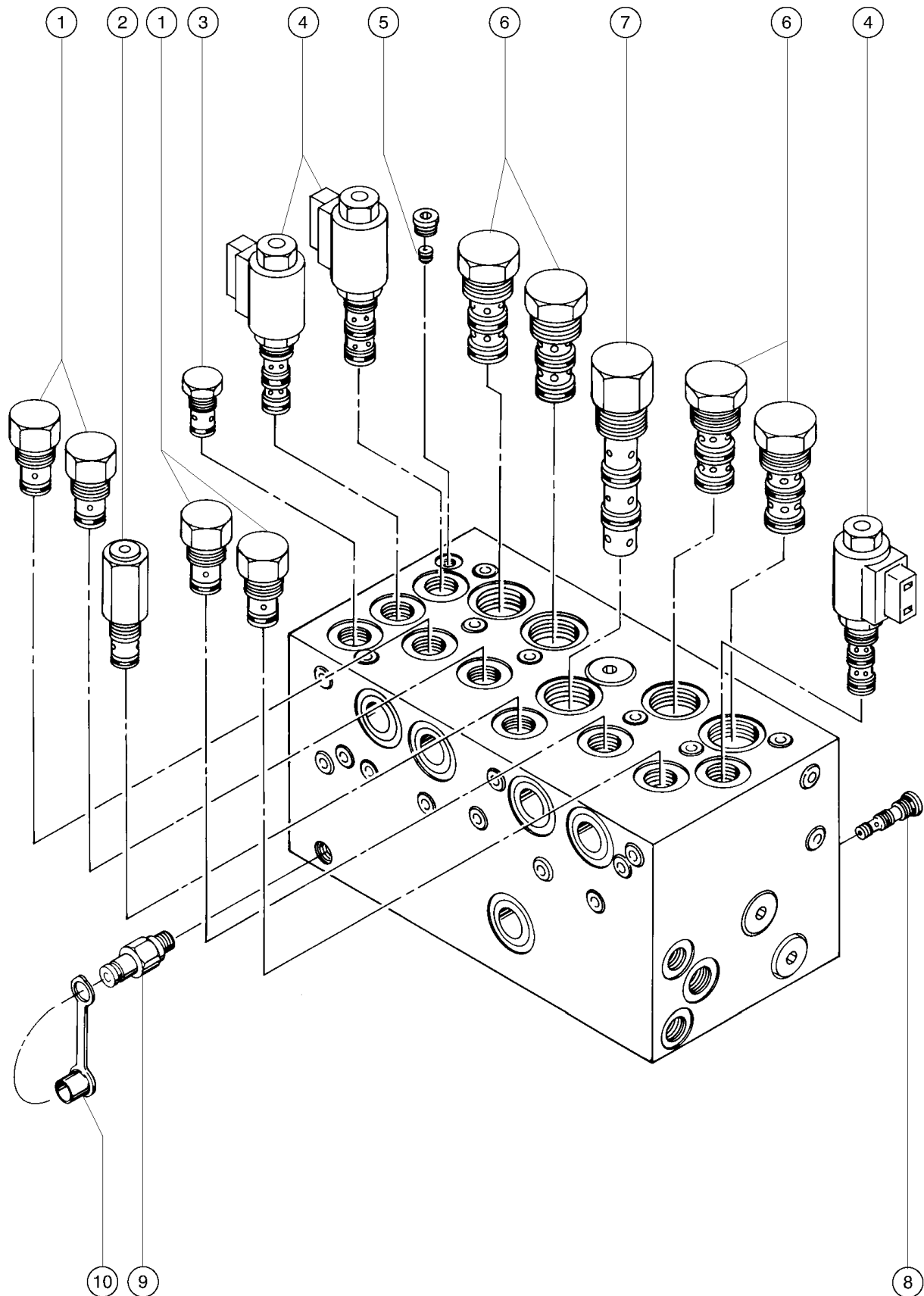
205.1 2WD Non-steer Axle



205.1 2WD Non-steer Axle

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	24674	MANIFOLD,TRACTION,2WD.....1		20B	110712	TIRE/WHEEL ASSY,RT W/SEALANT.....2	
2		Ref. Hydraulic Hoses & Fittings.....1 <i>refer to sections 207.1 and 208.1</i>				<i>RT, with sealant</i>	
3	27664	COVER W/DECAL,REAR.....1		20B	110713	TIRE/WHEEL ASSY,RT W/SEALANT.....2	
4	6090	SCREW,HHC,1/4-20 X .75.....4				<i>RT, with sealant</i>	
5	6638	WASHER,FLAT,USS,1/4"Y.....4		20C	110718	TIRE/WHEEL ASSY,RT NM W/SEALAN.....2	
6	56912	SPRING CLIP,1/4-20,.025-.15X.5.....4				<i>RT, Non-marking, with sealant</i>	
7	24668	DRIVE MOTOR REAR,2WD/7 DEGREE*.....2		20C	110719	TIRE/WHEEL ASSY,RT NM W/SEALAN.....2	
8	88356-11103	SWITCH,LIMIT,W/RLR ARM,NO/NC.....1				<i>RT, Non-marking, with sealant</i>	
--	19491	CONTACTOR,LIMIT SWITCH		21	54627	NUT,LUG,5/8-18 X 90 DEGREE,Z45.....16	
--	97128	ROLLER ARM,LIMIT SWITCH***		22	54139	WHEEL,14.5 X 7.....2	
9	22541	SCREW,RHM,10-32 X 1.5.....2		--	24403	WHEEL,17.5 X 10.5,9 HOLE 50#.....2	
10	6178	NUT,NYLOCK,10-32.....2		23	10597	SCREW,HHC,1/2-13 X 1.25 GR5.....3	
11	8255	SCREW,HHC,3/8-16 X .75.....4		24	6033	WASHER,LOCK,0.5".....3	
12	6021	WASHER,LOCK,.375.....4		25		Ref. Screw - SHC, 1/2 -13 x 5 inches, GR 8.....3	
13	6097	WASHER,FLAT,USS,3/8",Y.....4		26		Ref. Washer - Lock, 1/2 inch.....3	
14	24399P	PLATE,DRIVE AXLE COVER,PAINTED.....2					
15	29422P	BRAKE,S6O SWING/Z45 DRIVE.....2					
--	29291	SEAL KIT,MICO.....2					
--	29292	BRAKE,LINING KIT,MICO.....2					
--	29293	BEARING KIT,MICO.....2					
16	22811	O-RING,MOTOR TO BRAKE***.....4					
17	20193	TORQUE HUB,35:1***.....2					
--	21142	SEAL KIT (W1B) TORQUE HUBS.....2					
--	21166	LUG BOLT,5/8-18,WHEEL HUB***.....2					
--	58438	KIT,COVER,TORQUE HUB,45553***					
--	58589	THRUST CAP (20193)					
18	45066	SCREW,SHC,5/8-11 X 2.25.....12					
19	13064	WASHER,FLAT,.625 HARDENED.....12					
20	45094	WHEEL ASSY, INDUSTRIAL, AF.....2 <i>Industrial, Air-filled</i>					
20	54140	TUBELESS PNEUMATIC TIRE,9-14LT.....2					
		<i>(replaced 147319)</i>					
--	54010	TUBELESS PNEUMATIC TIRE,9-14LT <i>for 45094</i>					
20A	45461	WHEEL ASSY, INDUSTRIAL, FF.....2 <i>Industrial, Foam-filled</i>					

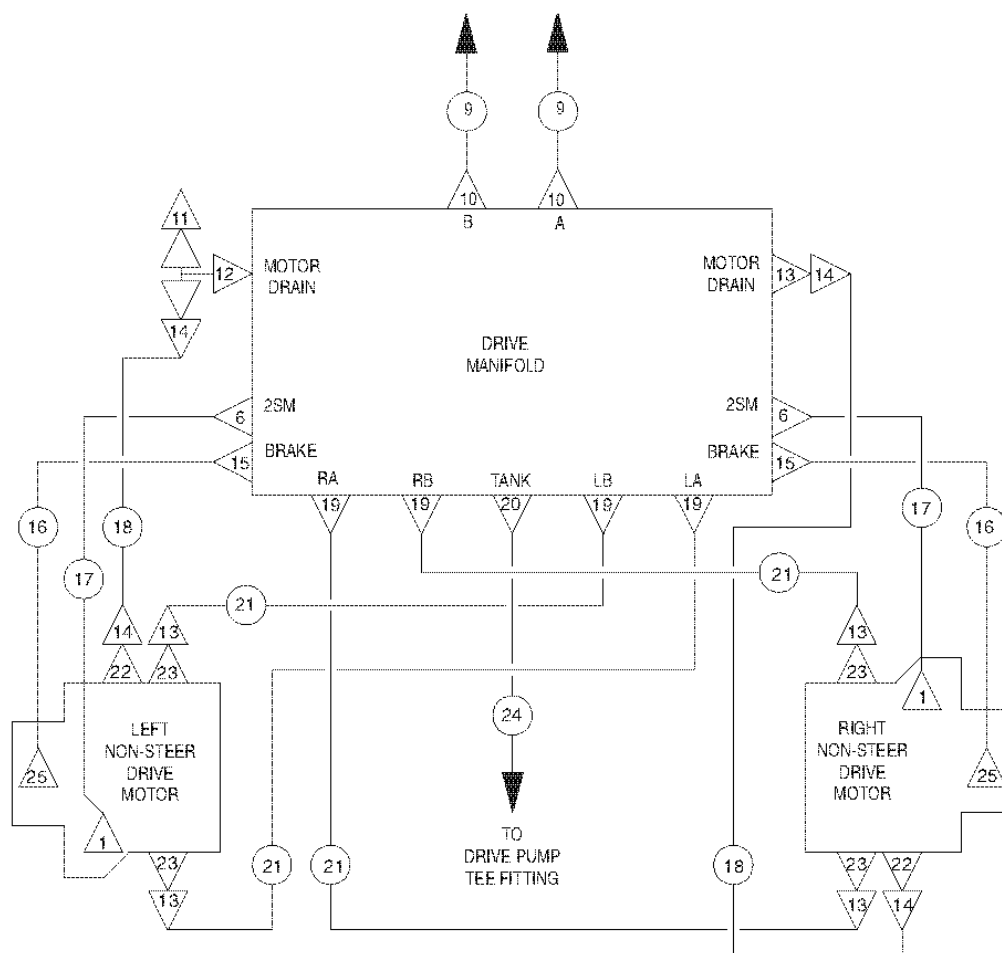
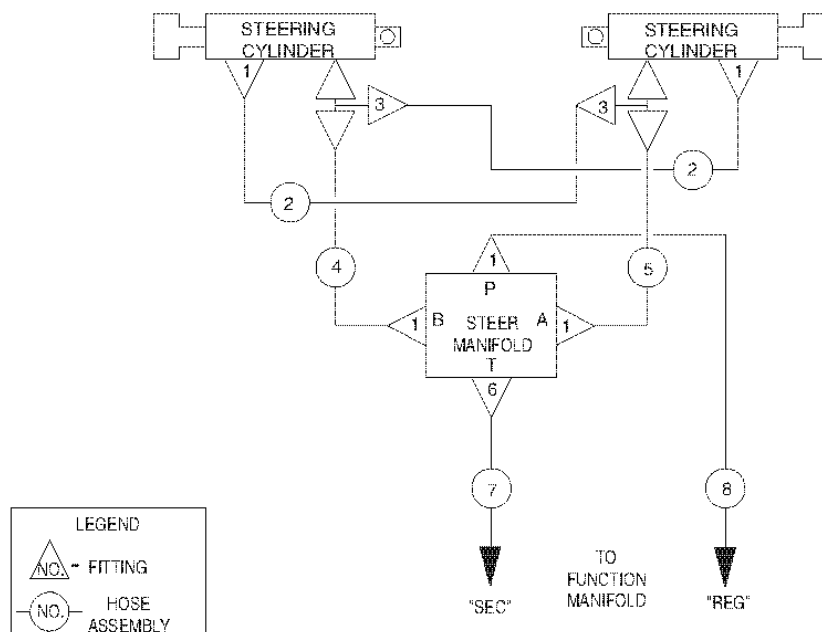
206.1 2WD Drive Manifold



206.1 2WD Drive Manifold

Item	Part No.	Description	Qty.
--	24674	MANIFOLD,TRACTION,2WD	
--	25375	SEAL KIT (ALL MANIFOLDS)	
1	27766	VALVE,FLOW REGULATOR.....	4
--	110194	SEAL KIT, VALVE, #10	
2	110194	SEAL KIT, VALVE, #10	
2	31406	VALVE,RELIEF 250 PSI***	1
3	27759	VALVE,CHECK.....	1
3	74902	SEAL KIT, VALVE	
4	21444	COIL,12 VOLT (21299 MANIFOLD).....	3
4	27762	VALVE,SOLENOID.....	3
4	45912	NUT,SOLENOID,2POS 3WAY.....	3
4	72043	SEAL KIT,SOLENOID VALVE	
5	27758	PLUG,0.036 ORIFICE.....	1
6	27763	VALVE,PILOT TO OPEN CHECK.....	4
7	27761	VALVE,SHUTTLE.....	1
7	84134	SEAL KIT, VALVE	
8	45483	VALVE,SHUTTLE***	1
8	58994	SEAL KIT,VALVE (48647)	
9	20224	DIAGNOSTIC FEMALE Q-DSCNT.....	1
9	48997	NIPPLE,DIAGNOSTIC,#4 PORT***	1
10	48880	CAP,DIAGNOSTIC NIPPLE.....	1

207.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Non-oscillating Axle



207.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Non-oscillating Axle

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	13120	ELBOW,070220-6-6.....	7	22	25951	ELBOW,070220-8-12.....	2
2	28032	HOSE ASSY,STEER CYL. CROSSOVER.....	2	23	27242	ADAPTER,O-RING,G6410-16-8.....	4
		1		24	28028	HOSE ASSY,TRCTN.MNFLD.RTN/TEE.....	1
3	13119	TEE,RUN,070428-6-6.....	2			8	
4	28040	HOSE ASSY,STR.MFLD/L.STEER CYL.....	1	25	13921	ELBOW,070220-4-4.....	2
		2					
5	28035	HOSE ASSY,OSC.MNFLD-L/STR.CYL.....	1				
		3					
6	45412	CONNECTOR,070120-6-6.....	3				
7	28041	HOSE ASSY,STR.MFLD.RTN/FTN.MFL.....	1				
		3					
8	28036	HOSE ASSY,FNCT.MNFLD-OSC.MNFLD...1	1				
		3					
9	28027	HOSE ASSY,PWR.UNIT/TRACTN.MNFD...2	4				
		4					
10	20922	ELBOW,070320-16-16.....	2				
11	27311	CAP,070112-8.....	1				
12	22540	TEE,BRANCH,070429-8-8.....	1				
13	45357	ELBOW,070220-8-8***.....	5				
14	20324	HOSE END,BARBED,SWIVEL,-8-8.....	4				
15	13799	CONNECTOR,070120-6-4.....	2				
16	28023	HOSE ASSY,BRAKE REL/TRACT.MNFD.....	2				
		5					
17	28024	HOSE ASSY,RR DRV.MTR/TRAC.MNFD.....	2				
		5					
18	28026	HOSE,REAR DRIVE MOTOR RETURN.....	2				
		6					
19	45073	OBS.SEE 28763,KINGPIN.....	4				
20	20925	ELBOW,070220-12-12.....	1				
21	28022	HOSE ASSY,TRCTN.MNFD/R DRV.MTR.....	4				
		7					

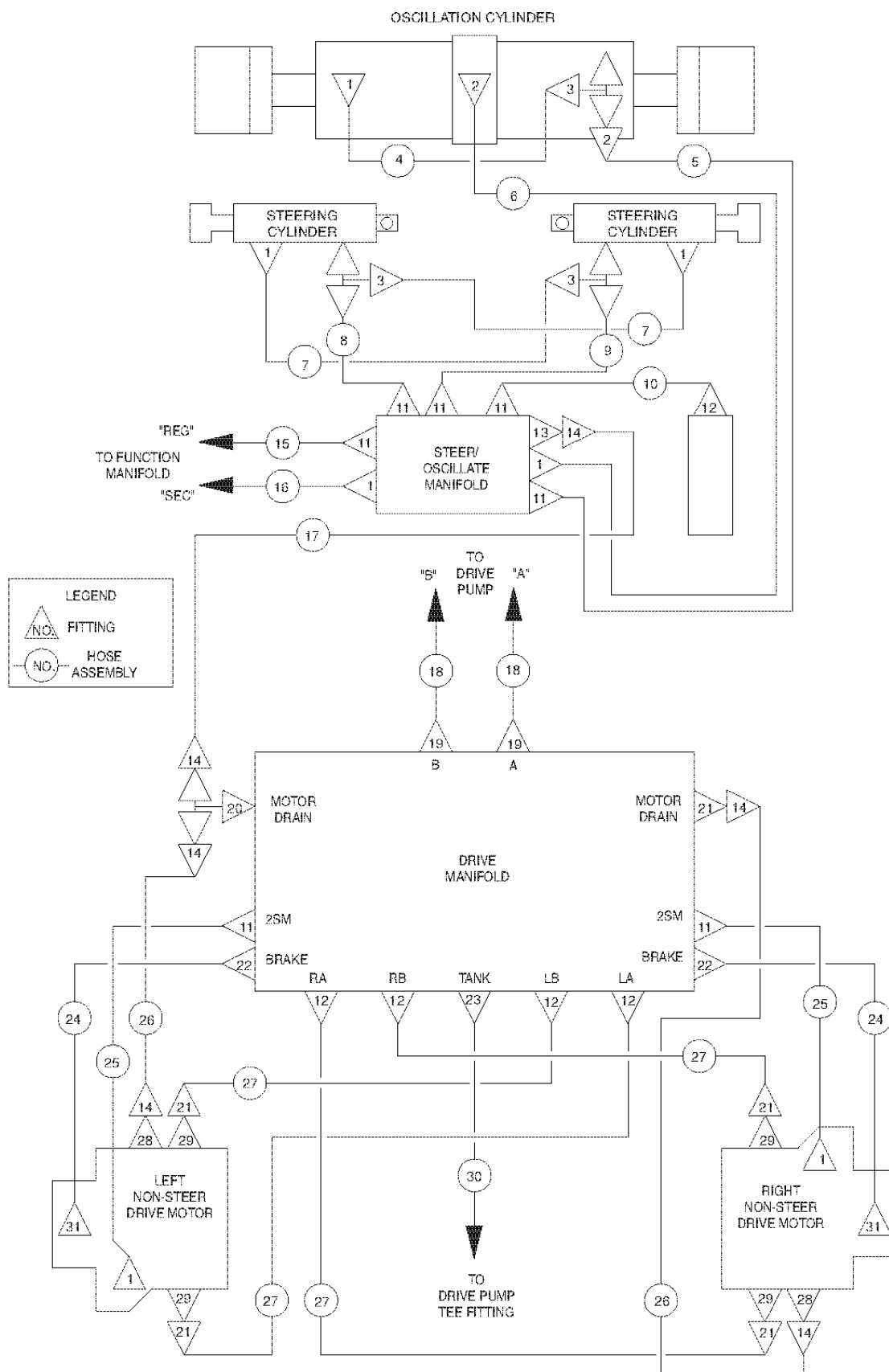
207.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Non-oscillating Axle (continued)

Item	Part No.	Description	Qty.
Footnotes			
1:		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)	
2:		Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 45o Female JIC Swivel, 12-12 (Weatherhead 12U-692) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	
3:		Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	
4:		Hose End - Female JIC Swivel, 12-16 (Weatherhead 12U-616), Hose End - 90o Female JIC Swivel, 12-12 (Weatherhead 12U-672) & Hose - 3/4" 3000 psi (Weatherhead H300-12)	
5:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90o Female JIC Swivel, 4-4 (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
6:		Hose - 1/2" Push On (Weatherhead H20108)	
7:		Hose End - 45o Female JIC Swivel, 8-8 (Synflex 3903-08608), Hose End - 45o Female JIC Swivel, 12-12 (Weatherhead 12U-692) & Hose - 1/2" Thermoplastic High Pressure (Synflex 3800-08)	
8:		Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612), Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612) & Hose - 3/4" Medium Pressure (Weatherhead H01712)	

207.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Non-oscillating Axle
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208.1 2WD Hydraulic Hoses And Fittings - Drive Chassis, Oscillating Axle



208.1 2WD Hydraulic Hoses And Fittings - Drive Chassis, Oscillating Axle

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	13120	ELBOW,070220-6-6.....	7	21	45357	ELBOW,070220-8-8***.....	5
2	45367	ELBOW,070221-6-6.....	2	22	13799	CONNECTOR,070120-6-4.....	2
3	13119	TEE,RUN,070428-6-6.....	3	23	20925	ELBOW,070220-12-12.....	1
4	13576	HOSE ASSY,VB-HAND PUMP,13.5".....	1	24	28023	HOSE ASSY,BRAKE REL/TRACT.MNFD.....	2
		1				6	
5	28029	HOSE ASSY,OSC.MNFLD/RUN TEE.....	1	25	28024	HOSE ASSY,RR DRV.MTR/TRAC.MNFD.....	2
		2				6	
6	28033	HOSE ASSY,OSC.MNFLD/OSC.CYLIND....	1	26	28026	HOSE,REAR DRIVE MOTOR RETURN.....	2
		3				6	
7	28032	HOSE ASSY,STEER CYL. CROSSOVER.....	2	27	28022	HOSE ASSY,TRCTN.MNFD/R DRV.MTR.....	4
		3				7	
8	28035	HOSE ASSY,OSC.MNFLD-L/STR.CYL.....	1	28	25951	ELBOW,070220-8-12.....	2
		3		29	27242	ADAPTER,O-RING,G6410-16-8.....	4
9	28030	HOSE ASSY,OSC.MNFLD-R/STR.CYL.....	1	30	28028	HOSE ASSY,TRCTN.MNFLD.RTN/TEE.....	1
		3				8	
10	28037	HOSE ASSY,OSC.MNFLD/ACCUMULATR.1	1	31	13921	ELBOW,070220-4-4.....	2
		3					
11	45412	CONNECTOR,070120-6-6.....	7				
12	27431	CONNECTOR,070120-8-12.....	5				
13	20923	CONNECTOR,070120-8-6.....	1				
14	20324	HOSE END,BARBED,SWIVEL,-8-8.....	6				
15	28036	HOSE ASSY,FNCT.MNFLD-OSC.MNFLD...	1				
		3					
16	28031	HOSE ASSY,FNCTN.MNFLD/OSC.MNFD..	1				
		3					
17	28034	HOSE,55".....	1				
		4					
18	28027	HOSE ASSY,PWR.UNIT/TRACTN.MNFD...	2				
		5					
19	20922	ELBOW,070320-16-16.....	2				
20	22540	TEE,BRANCH,070429-8-8.....	1				

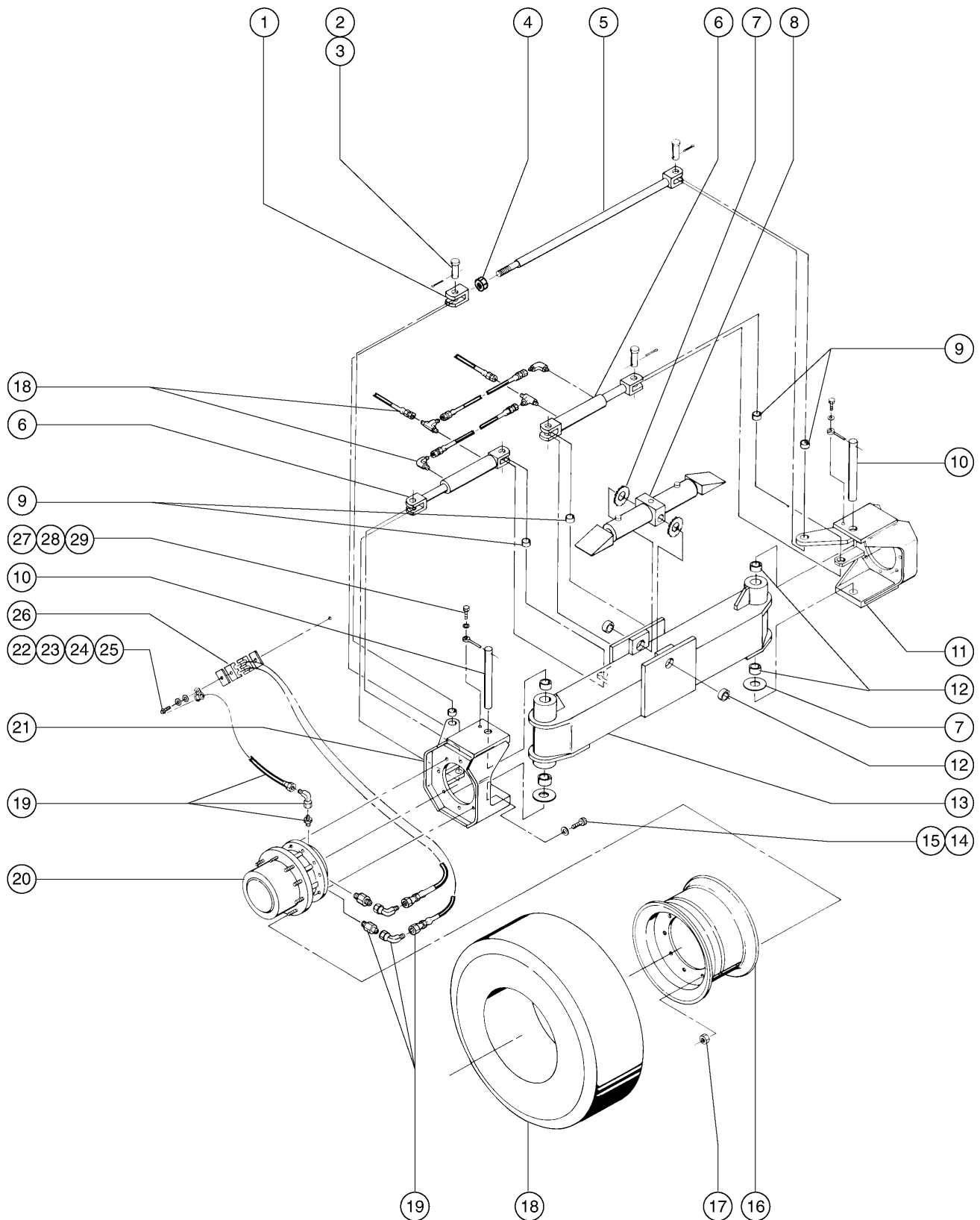
208.1 2WD Hydraulic Hoses And Fittings - Drive Chassis, Oscillating Axle (continued)

Item	Part No.	Description	Qty.
Footnotes			
1:		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)	
2:		Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	
3:		Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, Long-6-6 (Synflex 3903-06846) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	
4:		Hose - 1/2" Push On (Weatherhead H20108)	
5:		Hose End - 90o Female JIC Swivel, 12-12(Weatherhead 12U-672), Hose End - Female JIC Swivel, 12-16 (Weatherhead 12U-616) & Hose - 3/4" 3000 PSI (Weatherhead H300-12)	
6:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90o Female JIC Swivel, 4-4 (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
7:		Hose End - 45o Female JIC Swivel, 8-8 (Synflex 3903-08608), Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612) & Hose - 1/2" Thermoplastic High Pressure (Synflex 3800-08)	
8:		Hose End - 90o Female JIC Swivel, 12-12(Weatherhead 12U-672), Hose End - 90o Female JIC Swivel, 12-12(Weatherhead 12U-672) & Hose - 3/4" Medium Pressure (Weatherhead H01712)	

208.1 2WD Hydraulic Hoses And Fittings - Drive Chassis, Oscillating Axle
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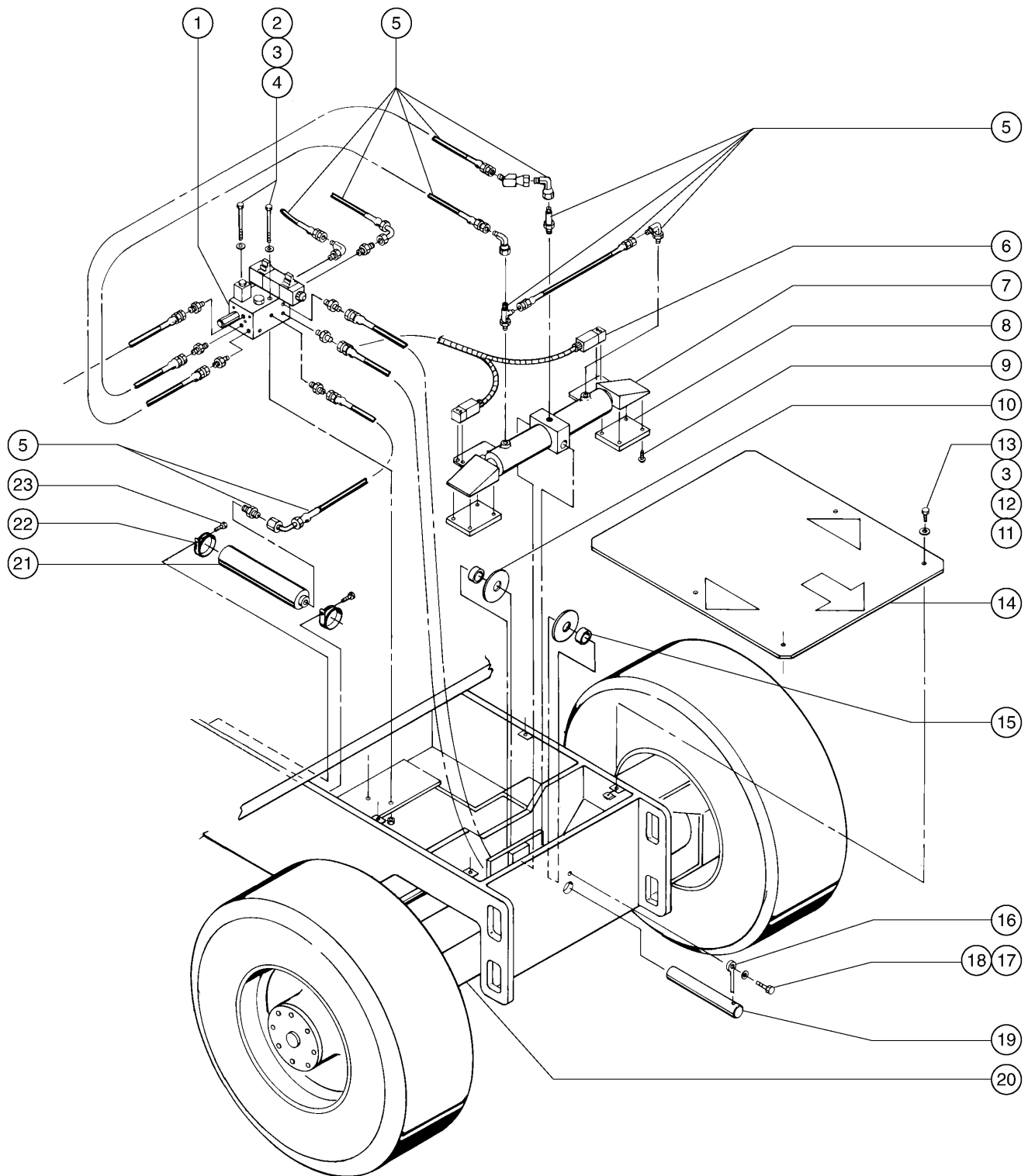
301.1 4WD Steer Linkage - Oscillating Axle



301.1 4WD Steer Linkage - Oscillating Axle

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	23154-S	WELDMENT,ROD END.....	1	28	6021	WASHER,LOCK,.375.....	2
2	19440	PIN,CLEVIS,1 X 2.5 LG.....	6	29	45226	ROD END,.375 X 3.69.....	2
3	5361	PIN,COTTER,.125 X 1.5.....	6				
4	28352	NUT,HEX,JAM,1-8.....	1				
5	24544	TIE ROD WELDMENT Z/45.....	1				
6	24390	CYLINDER,STEER,2 X 6.....	2				
6	45548	SEAL KIT (CYL PN 13078) BL.....	2				
7	45074	WASHER,THRUST,1.5 X 3.5 X .187.....	2				
8	24484	CYLINDER,OSCIL.,2.5X3,DBL.ACT..	1				
9	25817	BEARING,1.00IDX1.25ODX1.00L....	6				
10	25058	PIN,KING,14.5 X 1.5 INCH.....	2				
11	27667	YOKE ASSY,L.S.,4WD.....	1				
		<i>includes 2 each index number 9</i>					
12	45071	BEARING,1.5IDX1.75ODX1.5L.....	6				
13	27666	OSCILLATING FRONT AXLE ASSY.....	1				
		<i>includes index numbers 9 and 12</i>					
14	19418	SCREW,SHC,5/8-11 X 1.75.....	16				
15	13064	WASHER,FLAT,.625 HARDENED.....	16				
16	24403	WHEEL,17.5 X 10.5,9 HOLE 50#....	2				
17	54627	NUT,LUG,5/8-18 X 90 DEGREE,Z45.....	16				
18		Ref., Tire and Wheel Assy.....	2				
		<i>refer to section 201.1</i>					
19		Ref. Hydraulic Hoses & Fittings.....	2				
		<i>refer to section 306.1</i>					
20	21166	LUG BOLT,5/8-18,WHEEL HUB***.....	2				
20	27427	SEAL KIT,GEAR BOX (29025).....	2				
20	29025P	BRAKE/TORQUE HUB,FRONT,GRAY.....	2				
21	27668	YOKE ASSY,R.S.,4WD.....	1				
		<i>includes 2 each index number 9</i>					
22	18505	5/16-18 X 2.25 LG.FLG.LCK.SCRW.....	2				
23	6886	WASHER,LOCK,.313.....	2				
24	6638	WASHER,FLAT,USS,1/4"Y.....	2				
25	45454	CLAMP,RUB CUSH,0.75,#12 X 3/8*.....	2				
26	25964	CLAMP,DUAL HOSE.....	2				
27	8516	SCREW,HHC,3/8-16 X 1.50,GR5....	2				

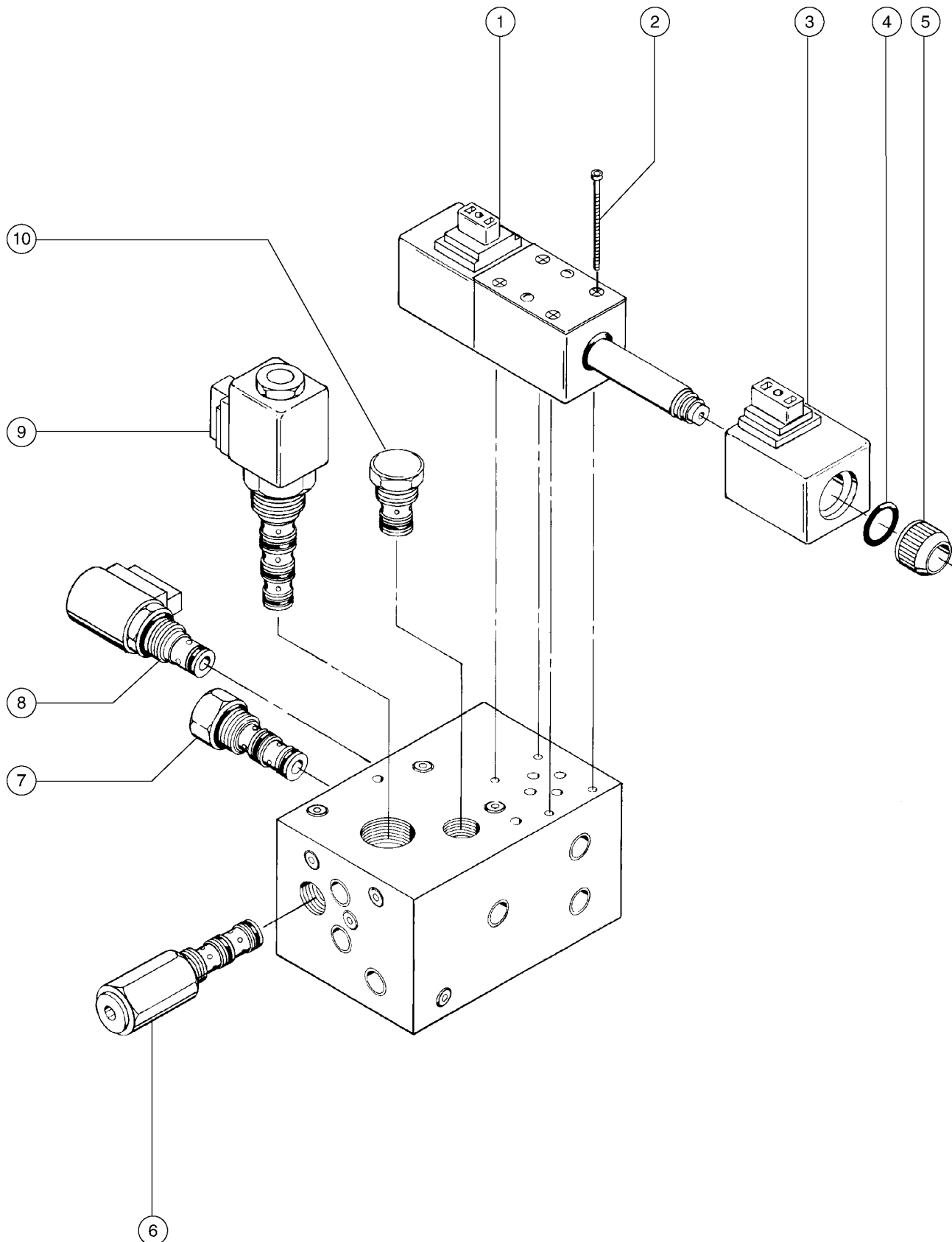
302.1 4WD Oscillate System



302.1 4WD Oscillate System

Item	Part No.	Description	Qty.
1	24503	MANIFOLD,STEER/OSCILLATION..1	
2	10744	SCREW,HHC,1/4-20 X 5.....2	
3	6638	WASHER,FLAT,USS,1/4"Y.....6	
4	6091	NUT,NYLOCK,1/4-20.....2	
5		Ref. Hydraulic Hoses & Fittings.....2 <i>refer to section 306.1</i>	
6	88356-11103	SWITCH,LIMIT,W/RLR ARM,NO/NC.....2	
--	19491	CONTACTOR,LIMIT SWITCH	
--	97128	ROLLER ARM,LIMIT SWITCH***	
7	18471	SEAL KIT (CYL.PN# 45033,45034).....1	
7	24484	CYLINDER,OSCIL.,2.5X3,DBL.ACT..1	
8	24705	WEAR PAD,OSCILLATING AXLE, Z45.....2	
9	45425	SCREW,FHS,3/8-16 X .75.....8	
10	45074	WASHER,THRUST,1.5 X 3.5 X .187.....2	
11	6090	SCREW,HHC,1/4-20 X .75.....4	
12	6356	WASHER,LOCK,.25.....4	
13	56912	SPRING CLIP,1/4-20,.025-.15X.5....4	
14	27661	COVER W/DECAL,FRONT.....1	
15	45071	BEARING,1.5IDX1.75ODX1.5L.....2	
16	45226	ROD END,.375 X 3.69.....1	
17	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....1	
18	6021	WASHER,LOCK,.375.....1	
19	29057	PIN,AXLE PIVOT,10.75 X 1.5".....1	
20		Ref. Steer Linkage - Oscillating Axle Installation.....1 <i>refer to section 301.1</i>	
21	27374	ACCUMULATOR,1800PSI PRECHARGE*.....1	
22	27497	CLAMP,RUBBER CUSHIONED-2 5/32.....2	
23	8915	SCREW,HHC,1/4-20 X 1.25.....2	

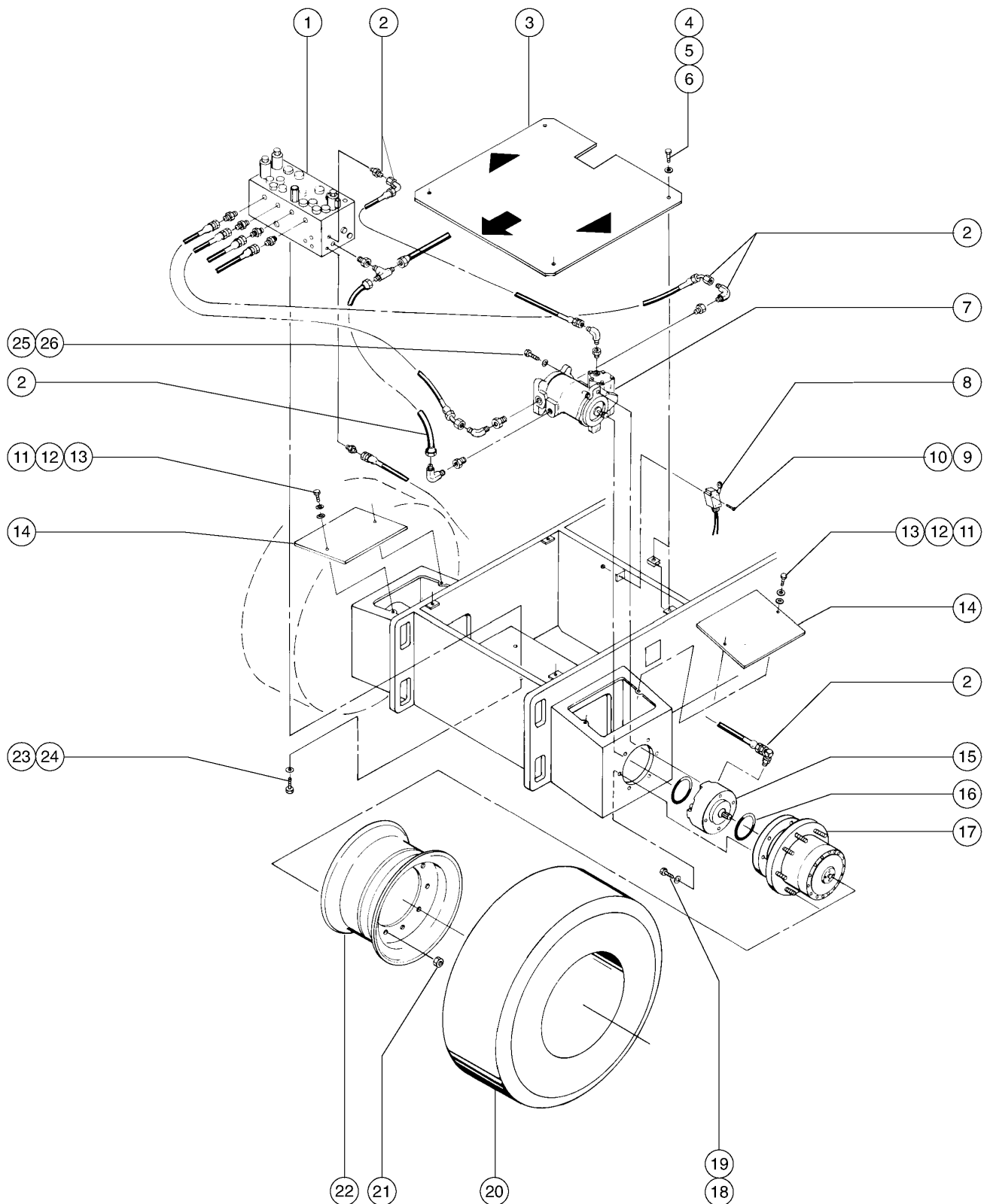
303.1 Steer/Oscillation Manifold



303.1 Steer/Oscillation Manifold

Item	Part No.	Description	Qty.
--	24503	MANIFOLD,STEER/OSCILLATION	
--	25375	SEAL KIT (ALL MANIFOLDS)	
1	146161	VALVE KIT,D03.....1 <i>includes index numbers 3, 4 and 5</i>	
2	45916	SCREW,SHC,10-24 X 1.250 (D01).....4	
3	223763	COIL WITH DE CONNECTOR.....2 <i>use connector from old coil when replacing</i>	
4	45914	O-RING, DO1 VALVE.....2	
5	45913	NUT,DO1 VALVE.....2	
6	110197	SEAL KIT, VALVE, #10	
6	27531	VALVE,PILOT OPERATED.....1	
7	110197	SEAL KIT, VALVE, #10	
7	27532	VALVE,DIFFERENTIAL SENSING.....1	
8	19995	VALVE,SOLENOID,2 WAY,12V.....1	
8	21444	COIL,12 VOLT (21299 MANIFOLD).....1	
8	52943	NUT,SOLENOID VALVE.....1	
9	22813	COIL,12V.19970,19971.....1	
9	27534	VALVE, SOLENOID 2 POS 4 WAY12V.....1	
9	52943	NUT,SOLENOID VALVE.....1	
10	110194	SEAL KIT, VALVE, #10	
10	20318	VALVE,CHECK CP100-2-B-O-005.....1	

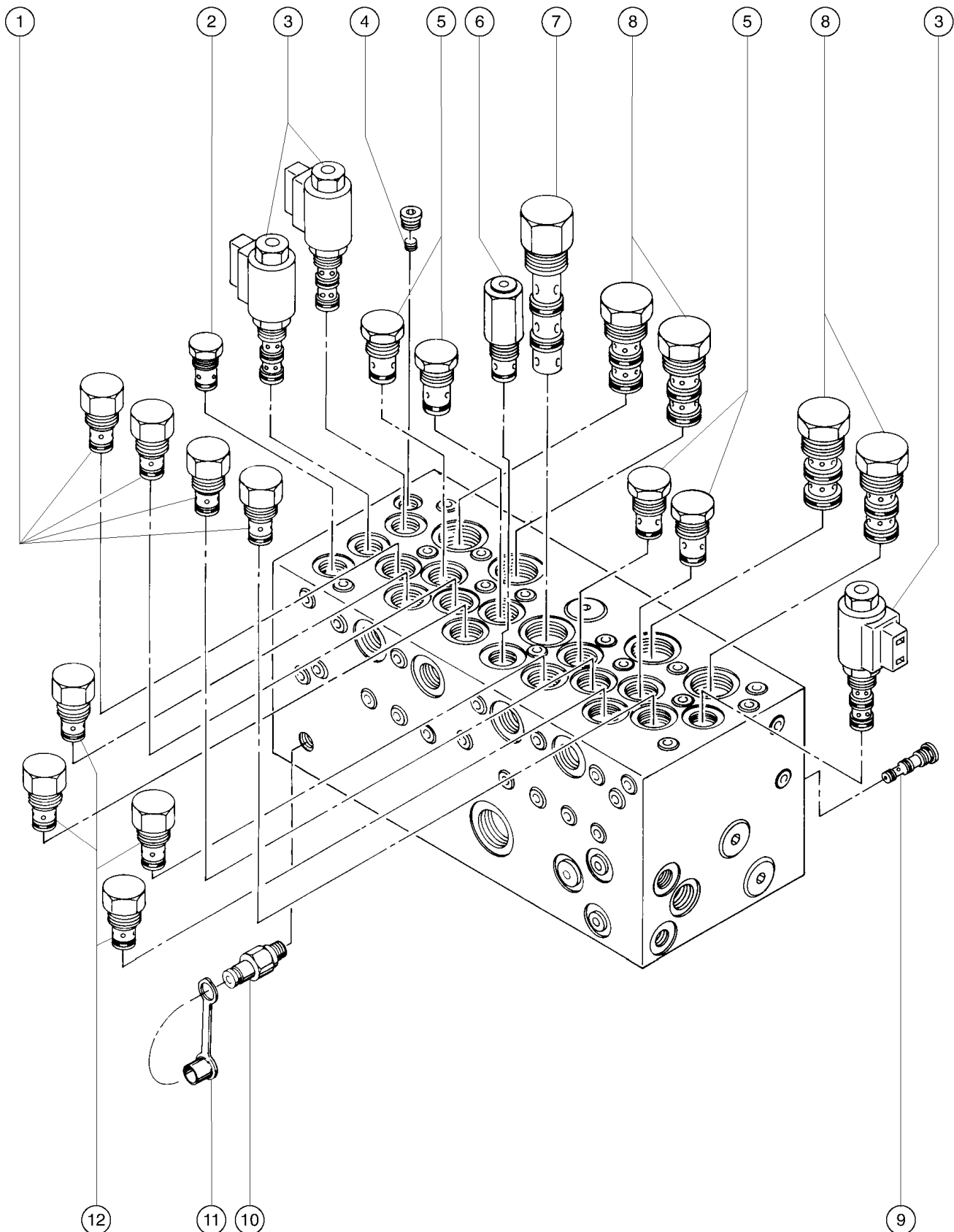
304.1 4WD Non-steer Axle



304.1 4WD Non-steer Axle

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	24504	MANIFOLD,TRACTION,4WD.....	1	23	10597	SCREW,HHC,1/2-13 X 1.25 GR5.....	3
2		Ref. Hydraulic Hoses & Fittings.....	1	24	6033	WASHER,LOCK,0.5".....	3
		<i>refer to section 306.1</i>		25		Ref. Screw - SHC, 1/2 -13 x 5 inches, GR 8.....	3
3	27664	COVER W/DECAL,REAR.....	1	26		Ref. Washer - Lock, 1/2 inch.....	3
4	6090	SCREW,HHC,1/4-20 X .75.....	4				
5	6638	WASHER,FLAT,USS,1/4"Y.....	4				
6	56912	SPRING CLIP,1/4-20,.025-.15X.5.....	4				
7	24667	DRVE MOTOR REAR,4WD/1DEGREE.....	2				
--	49897	GASKET,TURTLE,DRV MTR,EDC					
--	65865	SEAL KIT, SUNSTRAND					
--	83081	COVER, SERVO (24667)					
8	88356-11103	SWITCH,LIMIT,W/RLR ARM,NO/NC.....	1				
--	19491	CONTACTOR,LIMIT SWITCH					
--	97128	ROLLER ARM,LIMIT SWITCH***					
9	22541	SCREW,RHM,10-32 X 1.5.....	2				
10	6178	NUT,NYLOCK,10-32.....	2				
11	8255	SCREW,HHC,3/8-16 X .75.....	4				
12	6021	WASHER,LOCK,.375.....	4				
13	6097	WASHER,FLAT,USS,3/8",Y.....	4				
14	27663	COVER,DRIVE AXLE W/DECAL,R.R.....	2				
15	29422P	BRAKE,S6O SWING/Z45 DRIVE.....	2				
--	29291	SEAL KIT,MICO.....	2				
--	29292	BRAKE,LINING KIT,MICO.....	2				
--	29293	BEARING KIT,MICO.....	2				
16	22811	O-RING,MOTOR TO BRAKE***.....	4				
17	20193	TORQUE HUB,35:1***.....	2				
--	21142	SEAL KIT (W1B) TORQUE HUBS....	2				
--	21166	LUG BOLT,5/8-18,WHEEL HUB***.....	2				
--	58438	KIT,COVER,TORQUE HUB,45553***					
--	58589	THRUST CAP (20193)					
18	45066	SCREW,SHC,5/8-11 X 2.25.....	12				
19	13064	WASHER,FLAT,.625 HARDENED.....	12				
20		Ref., Tire and Wheel Assy <i>refer to 201.1</i>					
21	54627	NUT,LUG,5/8-18 X 90 DEGREE,Z45.....	16				
22	24403	WHEEL,17.5 X 10.5,9 HOLE 50#.....	2				

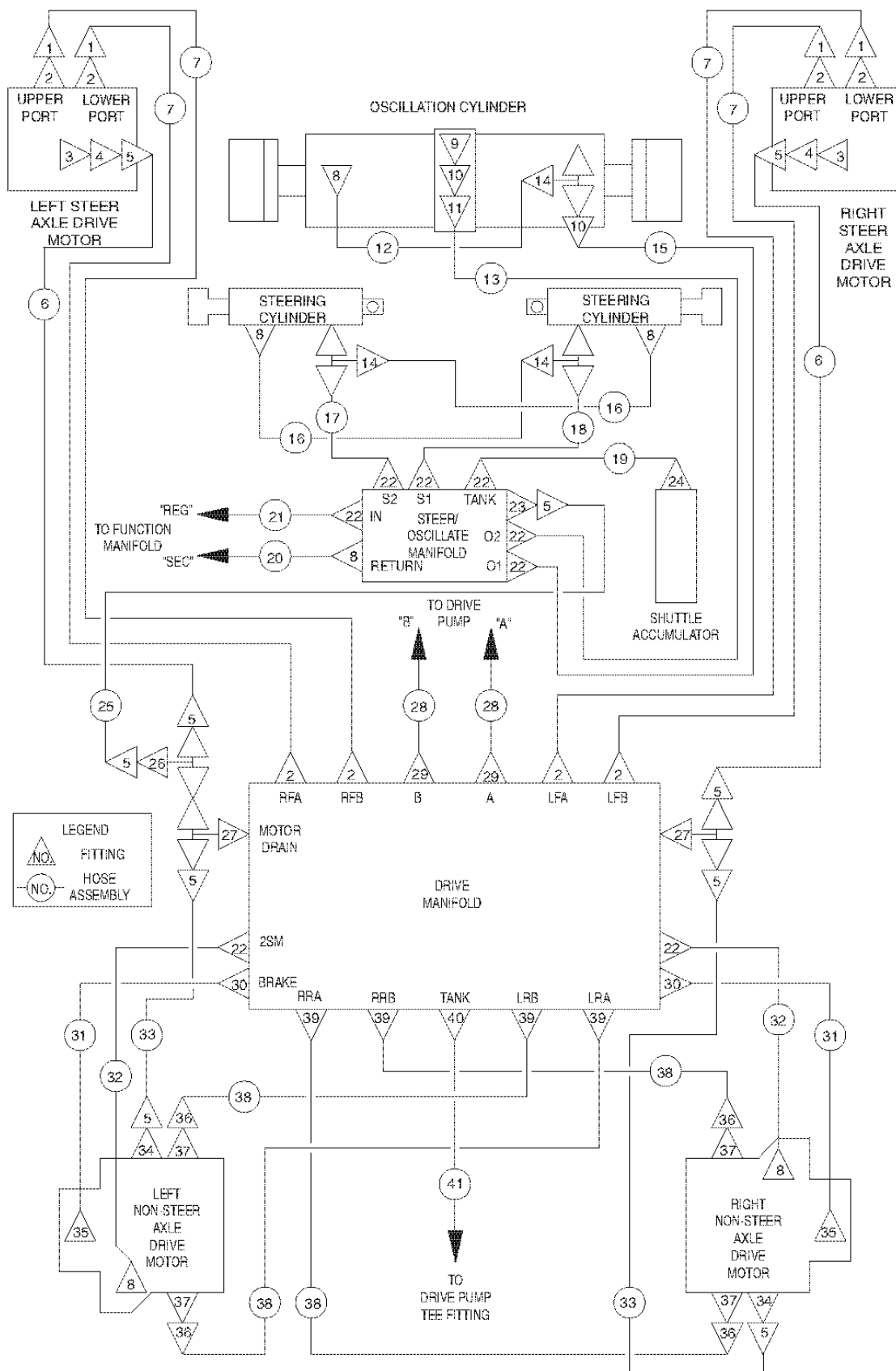
305.1 4WD Drive Manifold



305.1 4WD Drive Manifold

Item	Part No.	Description	Qty.
--	24504	MANIFOLD,TRACTION,4WD	
--	25375	SEAL KIT (ALL MANIFOLDS)	
1	110195	SEAL KIT, VALVE, #12	
1	27765	VALVE,FLOW REGULATOR.....4	
2	27759	VALVE,CHECK.....1	
2	74902	SEAL KIT, VALVE	
3	21444	COIL,12 VOLT (21299 MANIFOLD).....3	
3	27762	VALVE,SOLENOID.....3	
3	45912	NUT,SOLENOID,2POS 3WAY.....3	
3	72043	SEAL KIT,SOLENOID VALVE	
4	27758	PLUG,0.036 ORIFICE.....1	
5	110194	SEAL KIT, VALVE, #10	
5	20318	VALVE,CHECK CP100-2-B-O-005.....4	
6	110194	SEAL KIT, VALVE, #10	
6	31406	VALVE,RELIEF 250 PSI***.....1	
7	27761	VALVE,SHUTTLE.....1	
7	84134	SEAL KIT, VALVE	
8	27763	VALVE,PILOT TO OPEN CHECK....4	
9	45483	VALVE,SHUTTLE***.....1	
9	58994	SEAL KIT,VALVE (48647)	
10	20224	DIAGNOSTIC FEMALE Q-DSCNT.....1	
10	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....1	
11	48880	CAP,DIAGNOSTIC NIPPLE.....1	
12	110194	SEAL KIT, VALVE, #10	
12	27764	VALVE,FLOW REGULATOR.....4	

306.1 4WD Hydraulic Hoses And Fittings - Drive Chassis, Oscillating Axle



306.1 4WD Hydraulic Hoses And Fittings - Drive Chassis, Oscillating Axle

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	25952	ELBOW,070221-10-10.....	4	21	28036	HOSE ASSY,FNCT.MNFLD-OSC.MNFLD...1 5	
2	45360	CONNECTOR,070120-10-12.....	8	22	45412	CONNECTOR,070120-6-6.....	8
3	22665	CONNECTOR,070120-8-10.....	2	23	20923	CONNECTOR,070120-8-6.....	1
4	45702	ELBOW,070221-8-8.....	2	24	27431	CONNECTOR,070120-8-12.....	1
5	20324	HOSE END,BARBED,SWIVEL,-8-8.....	10	25	28034	HOSE,55".....	1 5
6	28025	HOSE,FT DRIVE MOTOR RETURN.....	2 1	26	21252	TEE,RUN,070432-8.....	1
7	28021	HOSE ASSY,TRCTN.MFLD/F.DRV.HUB.....	4 2	27	22540	TEE,BRANCH,070429-8-8.....	2
8	13120	ELBOW,070220-6-6.....	6	28	28027	HOSE ASSY,PWR.UNIT/TRACTN.MNFD...2 6	
9	45412	CONNECTOR,070120-6-6.....	1	29	20922	ELBOW,070320-16-16.....	2
10	45367	ELBOW,070221-6-6.....	2	30	13799	CONNECTOR,070120-6-4.....	2
11	45878	ELBOW,070321-6-6.....	1	31	28023	HOSE ASSY,BRAKE REL/TRACT.MNFD.....	2 7
12	13576	HOSE ASSY,VB-HAND PUMP,13.5".....	1 3	32	28024	HOSE ASSY,RR DRV.MTR/TRAC.MNFD.....	2 7
13	28033	HOSE ASSY,OSC.MNFLD/OSC.CYLIND....	1 4	33	28026	HOSE,REAR DRIVE MOTOR RETURN.....	2 7
14	13119	TEE,RUN,070428-6-6.....	3	34	25951	ELBOW,070220-8-12.....	2
15	28029	HOSE ASSY,OSC.MNFLD/RUN TEE.....	1 5	35	13921	ELBOW,070220-4-4.....	2
16	28032	HOSE ASSY,STEER CYL. CROSSOVER.....	2 5	36	45357	ELBOW,070220-8-8***.....	4
17	28035	HOSE ASSY,OSC.MNFLD-L/STR.CYL.....	1 5	37	27242	ADAPTER,O-RING,G6410-16-8.....	4
18	28030	HOSE ASSY,OSC.MNFLD-R/STR.CYL.....	1 5	38	28022	HOSE ASSY,TRCTN.MNFD/R DRV.MTR.....	4 8
19	28037	HOSE ASSY,OSC.MNFLD/ACCUMULATR.1 5		39	45073	OBS.SEE 28763,KINGPIN.....	4
20	28031	HOSE ASSY,FNCTN.MNFLD/OSC.MNFD..1 5		40	20925	ELBOW,070220-12-12.....	1
				41	28028	HOSE ASSY,TRCTN.MNFLD.RTN/TEE....	1 9

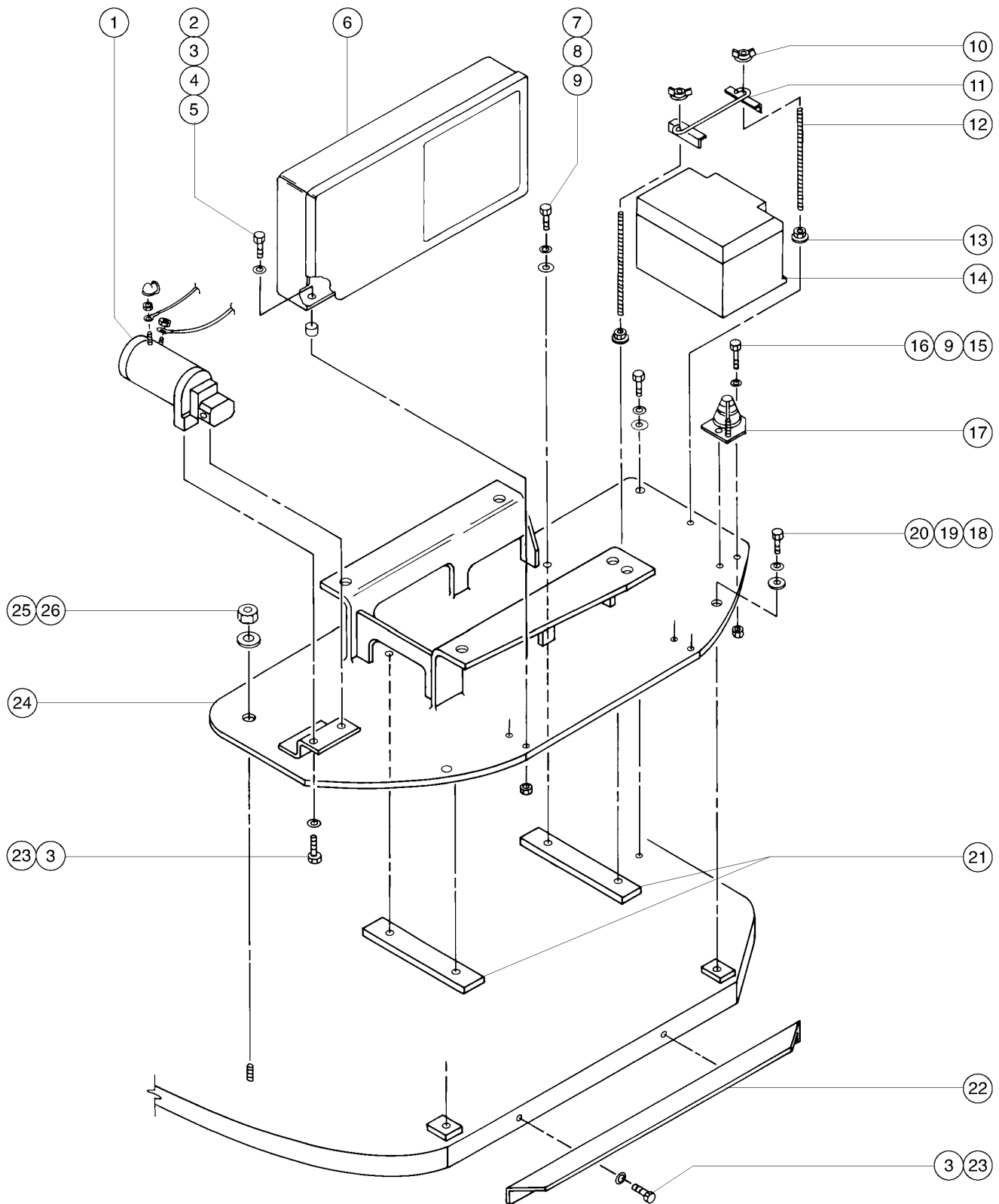
306.1 4WD Hydraulic Hoses And Fittings - Drive Chassis, Oscillating Axle (continued)

Item	Part No.	Description	Qty.
Footnotes			
1:		Hose - 1/2" Push On (Weatherhead H20108)	
2:		Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550), Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550) & Hose - 1/2" Thermoplastic High Pressure (Synflex 3800-08)	
3:		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)	
4:		Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, Long 6-6 (Synflex 3903-06846) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	
5:		Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	
6:		Hose End - 90o Female JIC Swivel, 12-12 (Weatherhead 12U-672), Hose End - Female JIC Swivel, 12-16 (Weatherhead 12U-616) & Hose - 3/4" 3000 psi (Weatherhead H300-12)	
7:		Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - 90o Female JIC Swivel, 4-4 (Synflex 3903-04644) & Hose - 1/4" Thermoplastic Medium Pressure (Synflex 3130-04)	
8:		Hose End - Female JIC Swivel, 8-8 (Synflex 3903-08548), Hose End - 45o Female JIC Swivel, 8-8 (Synflex 3903-08608) & Hose - 1/2" Thermoplastic High Pressure (Synflex 3800-08)	
9:		Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612), Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612) & Hose - 3/4" Medium Pressure (Weatherhead H01712)	

306.1 4WD Hydraulic Hoses And Fittings - Drive Chassis, Oscillating Axle
(continued)

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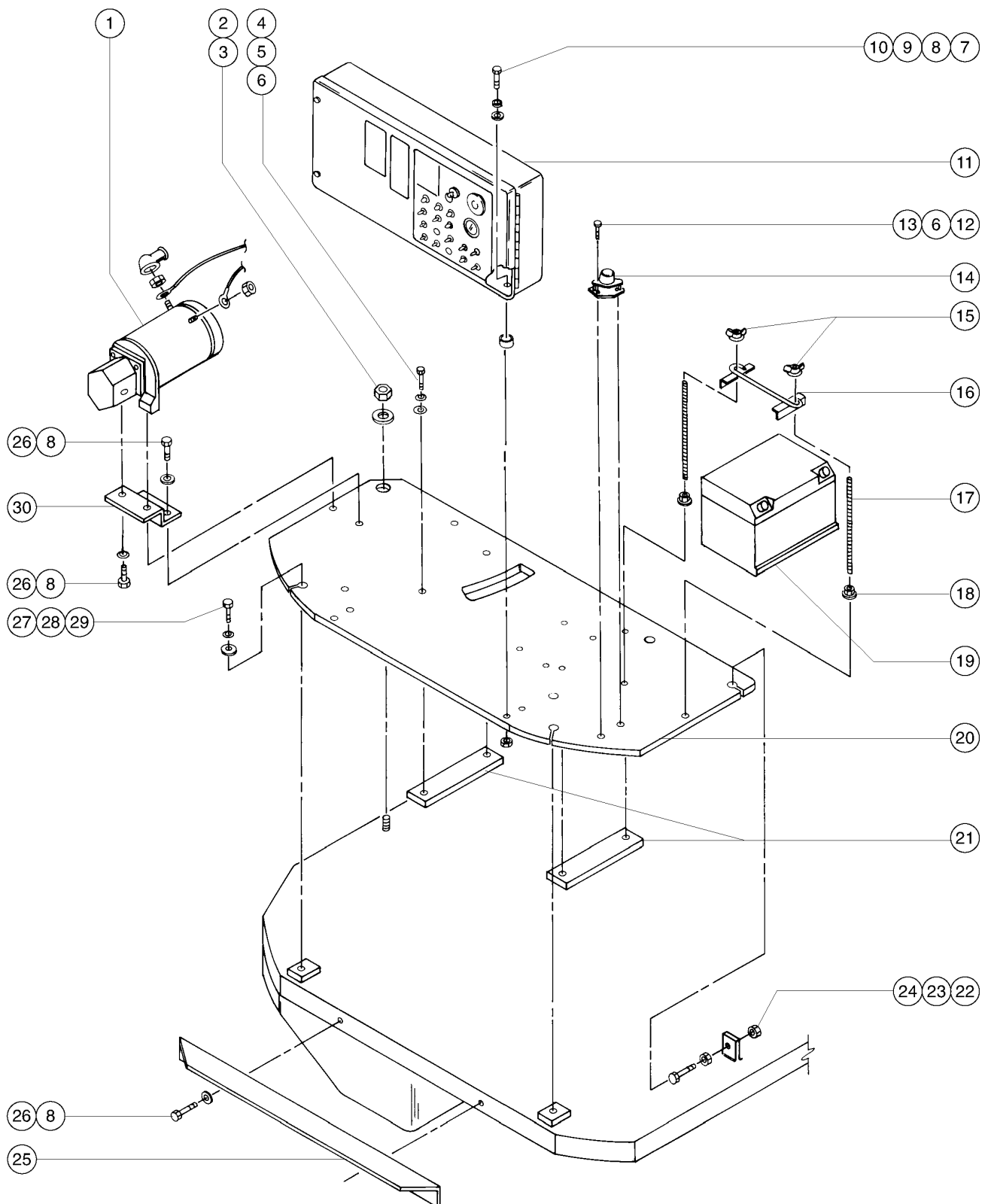
401.1 Engine Pivot Mount Components - Ford Gasoline/LPG Engine



401.1 Engine Pivot Mount Components - Ford Gasoline/LPG Engine

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	32810	POWER UNIT,AUX PUMP 12VDC.....	1	22	24593P	ANGLE,SWING CHASSIS,PAINTED.....	1
1	32947	PUMP,AUX. POWER UNIT (32810).....	1	23	8255	SCREW,HHC,3/8-16 X .75.....	4
1	32948	COUPLER,PUMP TO MOTOR (32810).....	1	24	25637	ENGINE PIVOT MOUNT WELDMENT.....	1
1	32949	MOTOR,12V DC (32810/32811)APU.....	1	25	19331	NUT,LP NYLOCK,1-12.....	1
1	32955	END HEAD, 32810 POWER UNIT...	1	26	13775	WASHER,FLAT,1.063 X 2 X .134....	1
1	32956	SPRING,CHECK (32810).....	1				
1	32958	SPRING,CHECK (32810).....	1				
1	32959	BALL,CHECK (32810).....	1				
1	32962	GASKET,0.0005,SILVER (32810)....	1				
1	32963	GASKET,0.001,AMBER (32810)....	1				
1	32964	GASKET,0.00075,GOLD (32810)....	1				
1	32967	GASKET,PUMP TO DC MTR.(32810).....	1				
2	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	4				
3	6021	WASHER,LOCK,,.375.....	10				
4	6097	WASHER,FLAT,USS,3/8",Y.....	4				
5	45400	SPACER TUBE,,.50 LG.....	4				
6		Ref. Ground Controls..... <i>refer to sections 505.1 and 506.1</i>	4				
7	6888	SCREW,HHC,1/4-20 X 1.....	4				
8	6356	WASHER,LOCK,,.25.....	4				
9	6638	WASHER,FLAT,USS,1/4"Y.....	6				
10	8170	NUT,WING,1/4-20.....	2				
11	T107827	BATTERY HOLD DOWN.....	1				
12	27506	THREADED ROD,(1/4-20),8.5".....	2				
13	18504	NUT,LOCKING-LG.FLANGE,1/4-20.2					
14	36872	BATTERY, 12V,900 CCA.....	1				
15	8915	SCREW,HHC,1/4-20 X 1.25.....	2				
16	6091	NUT,NYLOCK,1/4-20.....	2				
17	44586	SENSOR,LEVEL 4.5***.....	1				
18	10597	SCREW,HHC,1/2-13 X 1.25 GR5.....	3				
19	6033	WASHER,LOCK,0.5".....	3				
20	13066	WASHER,FLAT,,5 HARDENED.....	3				
21	24039	WASHER,3/8 PLATE (3/8X2X3/16TK.....	2				
21	25635	PAD,NYLON-12 X 2 X 0.625 INCH.....	2				

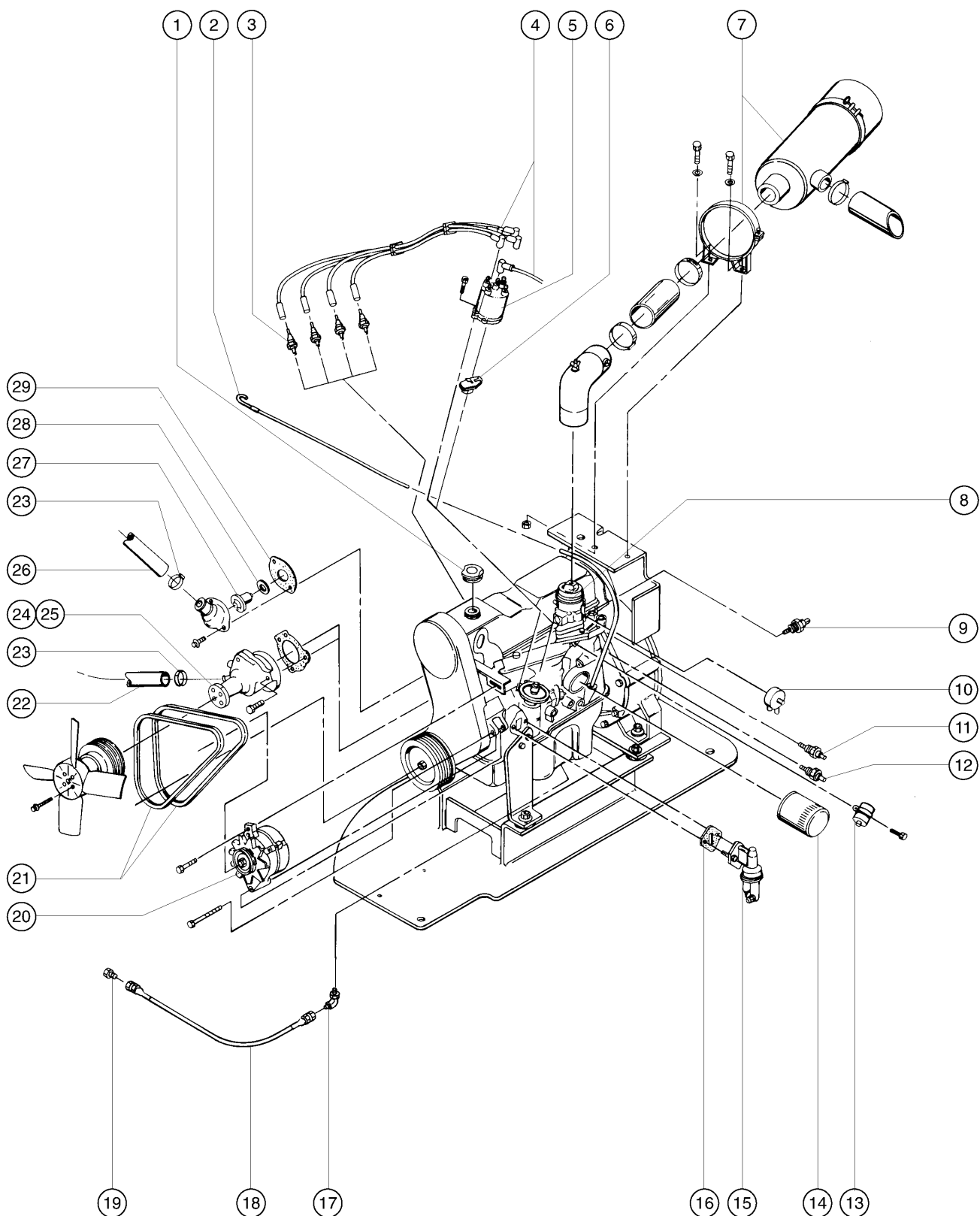
402.1 Engine Pivot Mount Components - Deutz Diesel Engine



402.1 Engine Pivot Mount Components - Deutz Diesel Engine

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	32810	POWER UNIT,AUX PUMP 12VDC.....	1	21	25635	PAD,NYLON-12 X 2 X 0.625 INCH.....	2
1	32947	PUMP,AUX. POWER UNIT (32810).....	1	22	7713	NUT,LP NYLOCK,3/8-16.....	1
1	32948	COUPLER,PUMP TO MOTOR (32810).....	1	23	4828	NUT,NYLOCK,3/8-16.....	1
1	32949	MOTOR,12V DC (32810/32811)APU.....	1	24	13918	SCREW,HHC,3/8-16 X 1.75,GRD.8.....	1
1	32955	END HEAD, 32810 POWER UNIT...1		25	24593P	ANGLE,SWING CHASSIS,PAINTED.....	1
1	32956	SPRING,CHECK (32810).....	1	26	8255	SCREW,HHC,3/8-16 X .75.....	6
1	32958	SPRING,CHECK (32810).....	1	27	10597	SCREW,HHC,1/2-13 X 1.25 GR5.....	3
1	32959	BALL,CHECK (32810).....	1	28	6033	WASHER,LOCK,0.5".....	3
1	32962	GASKET,0.0005,SILVER (32810).....	1	29	13066	WASHER,FLAT,.5 HARDENED.....	3
1	32963	GASKET,0.001,AMBER (32810).....	1	30	25855P	BRACKET,AUX PUMP MOUNT,PAINT.....	1
1	32964	GASKET,0.00075,GOLD (32810).....	1				
1	32967	GASKET,PUMP TO DC MTR.(32810).....	1				
2	19331	NUT,LP NYLOCK,1-12.....	1				
3	13775	WASHER,FLAT,1.063 X 2 X .134.....	1				
4	6888	SCREW,HHC,1/4-20 X 1.....	4				
5	6356	WASHER,LOCK,.25.....	4				
6	6638	WASHER,FLAT,USS,1/4"Y.....	6				
7	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	4				
8	6021	WASHER,LOCK,.375.....	10				
9	6097	WASHER,FLAT,USS,3/8",Y.....	4				
10	45400	SPACER TUBE,.50 LG.....	4				
11		Ref. Ground Controls..... <i>refer to sections 505.1 and 506.1</i>	4				
12	8915	SCREW,HHC,1/4-20 X 1.25.....	2				
13	6091	NUT,NYLOCK,1/4-20.....	2				
14	44586	SENSOR,LEVEL 4.5***.....	1				
15	8170	NUT,WING,1/4-20.....	2				
16	T107827	BATTERY HOLD DOWN.....	1				
17	27506	THREADED ROD,(1/4-20),8.5".....	2				
18	18504	NUT,LOCKING-LG.FLANGE,1/4-20.2					
19	36872	BATTERY, 12V,900 CCA.....	1				
20	33073P	PLATE,ENGINE MOUNT,PAINTED.....	1				
21	24039	WASHER,3/8 PLATE (3/8X2X3/16TK.....	2				

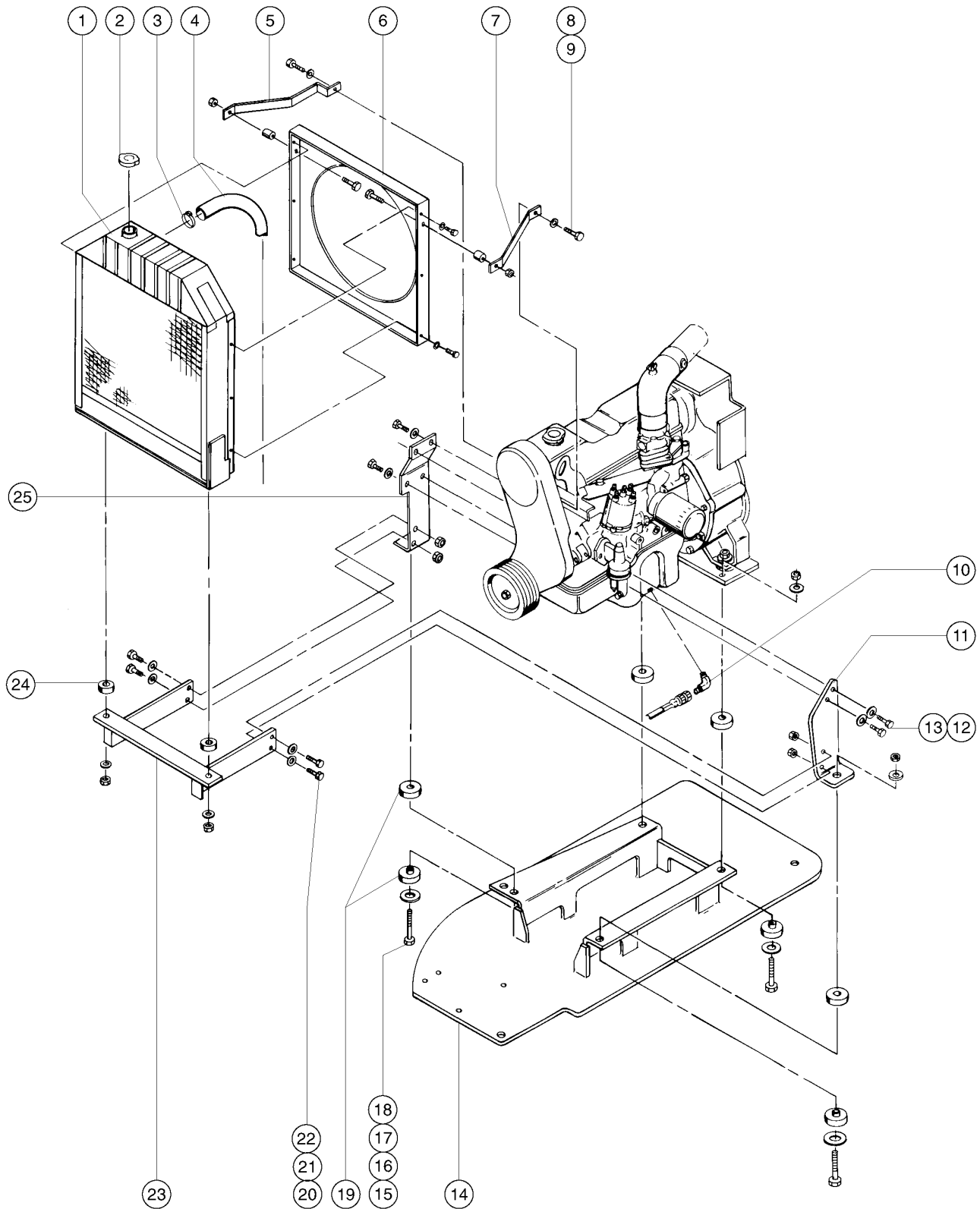
403.1 Ford Gasoline/LPG Engine - View 1



403.1 Ford Gasoline/LPG Engine - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	28658	CAP, OIL FILLER, FORD LSG423...	1	29	28653	GASKET,WATER OUTLET,FORD....	1
2		DIPSTICK,FORD LSG-423..... <i>no longer available from supplier</i>	1				
3	28647	SPARK PLUG,FORD.....	4				
4	28648	SPARK PLUG WIRE SET, LSG 423.....	1				
5	28650	CAP,DISTRIBUTOR,FORD.....	1				
6	28649	ROTOR,DISTRIBUTOR,FORD.....	1				
7	27915	AIR CLEANER..... <i>does not include mounting bands</i>	1				
--	27916	FILTER,AIR,ELEMENT***.....	1				
--	53952	BRKT,AIR CLEANER ORIENTATION**					
--	65815	CLAMP, AIR CLEANER (27915)**.... <i>clamp that holds the end cap on</i>	1				
8	28714	CARB REPAIR KIT, LSG/LRG-423.....	1				
9	28651	SOLENOID, ANTI-DIESELING.....	1				
10	29439	COIL, AUTOMATIC CHOKE,.....	1				
--	29439	COIL, AUTOMATIC CHOKE,.....	1				
11	28713	SWITCH,OIL PRESSURE,CLOSED***.....	1				
12	28663	SENDER,WATER TEMP INDICATOR.....	1				
13	28662	FILTER,FUEL,LRG-423,SCREW-IN.	1				
14	28656	FILTER,OIL,FORD.....	1				
15	28665	PUMP,FUEL,FORD.....	1				
16	28659	GASKET,FUEL PUMP,FORD.....	1				
17	27210	ELBOW,90DEG.6 X 14.....	1				
18	28020	HOSE ASSY,MOTOR OIL DRAIN....	1				
19	19141	PLUG,MALE,070109-6.....	1				
20	28716	ALTERNATOR,FORD LSG-423***....	1				
21	28652	BELT,V, FAN/ALT,FORD LSG423....	2				
22	28769	HOSE,BOTTOM RADIATOR,FORD.....	1				
23	45171	CLAMP,HOSE,1.75,LINED.....	2				
24	28666	PUMP,WATER,FORD.....	1				
25	28660	GASKET,WATER PUMP,FORD.....	1				
26	28770	HOSE, TOP RADIATOR,FORD.....	1				
27	28655	THERMOSTAT & SEAL,FORD..... <i>includes index number 28</i>	1				
28	28654	SEAL, THERMOSTAT,FORD.....	1				

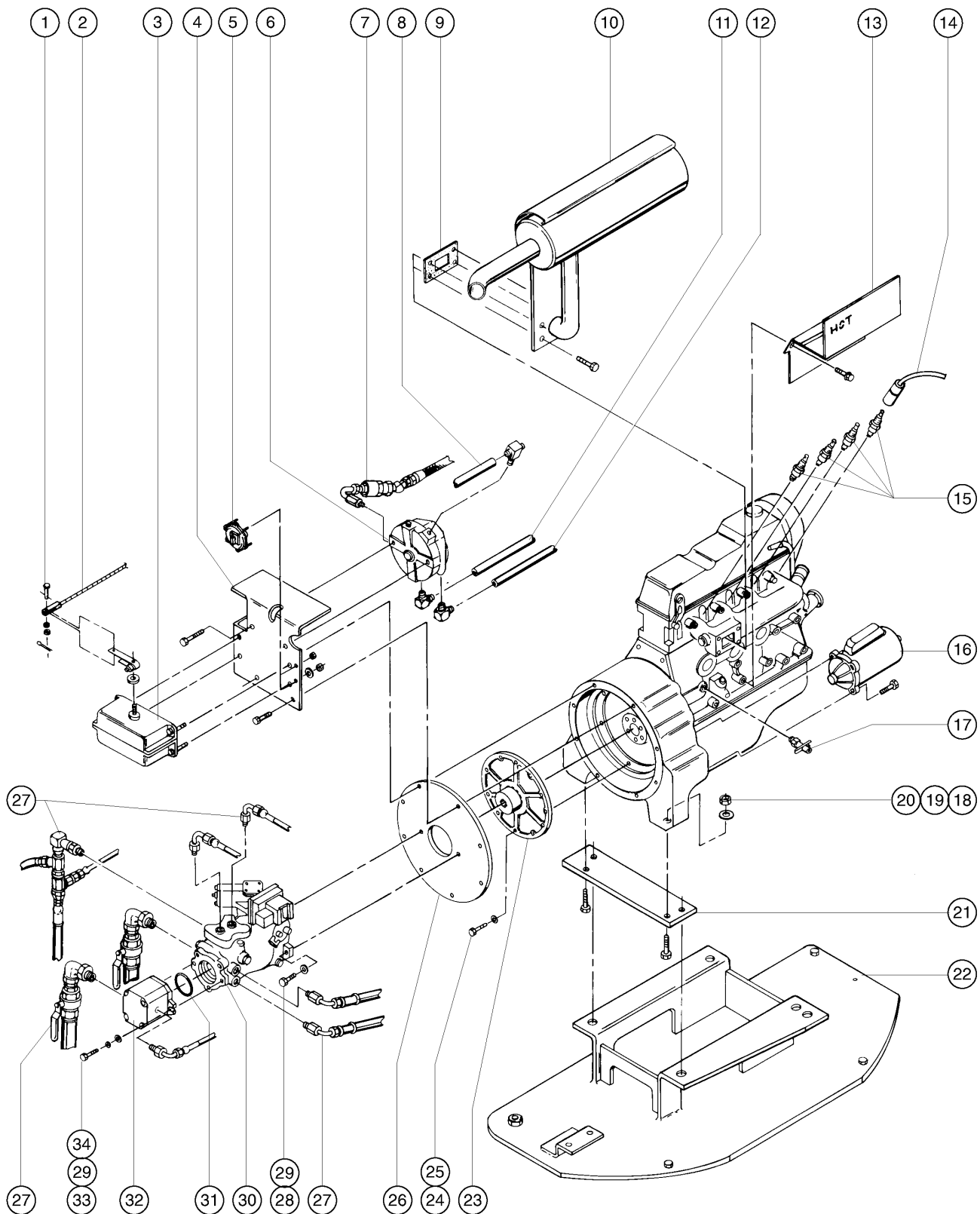
404.1 Ford Gasloine/LPG Engine - View 2



404.1 Ford Gasloine/LPG Engine - View 2

Item	Part No.	Description	Qty.
1	27942	RADIATOR,FORD (LSG).....	1
1	28717	VALVE,DRAIN,FORD,BLOCK,RAD..	1
2	27943	CAP,RADIATOR,FORD***	1
3	45171	CLAMP,HOSE,1.75,LINED.....	1
4	28770	HOSE,TOP RADIATOR,FORD.....	1
5	27022P	MOUNT,RAD.SUPPT.,RH,PAINTED.	1
6	27639P	RADIATOR SHROUD,PAINTED.....	1
7	27023P	STRUT,LH,FORD RAIATOR,PAINTED.....	1
8	6175	SCREW,HHC,3/8-16 X 1.....	2
9	6021	WASHER,LOCK,,375.....	2
10	19141	PLUG,MALE,070109-6.....	1
10	27210	ELBOW,90DEG.6 X 14.....	1
10	28020	HOSE ASSY,MOTOR OIL DRAIN....	1
11	25569P	BRKT,ENG.MNT.,FORD INBOARD.....	1
12	27034	SCREW,HHC,M10 X 25MM,GR 8.8.....	4
13	22700	WASHER,LOCK,M10.....	4
14	25637	ENGINE PIVOT MOUNT WELDMENT.....	1
15	8357	SCREW,HHC,1/2-13 X 3.5.....	4
16	24040	WASHER,1/2 PLATE(1/2X2.25X3/16.....	8
17	6095	WASHER,FLAT,USS,1/2",Y.....	4
18	6198	NUT,NYLOCK,1/2-13.....	4
19	24037	SHOCK MOUNT,LARGE**.....	4
20	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	4
21	6097	WASHER,FLAT,USS,3/8",Y.....	4
22	4828	NUT,NYLOCK,3/8-16.....	4
23	27640	WELDMENT,RADIATOR MOUNT....	1
24	24038	SHOCK MOUNT,SMALL.....	2
25	25568P	BRKT,ENG.MNT.,FORD OUTBOARD.....	1

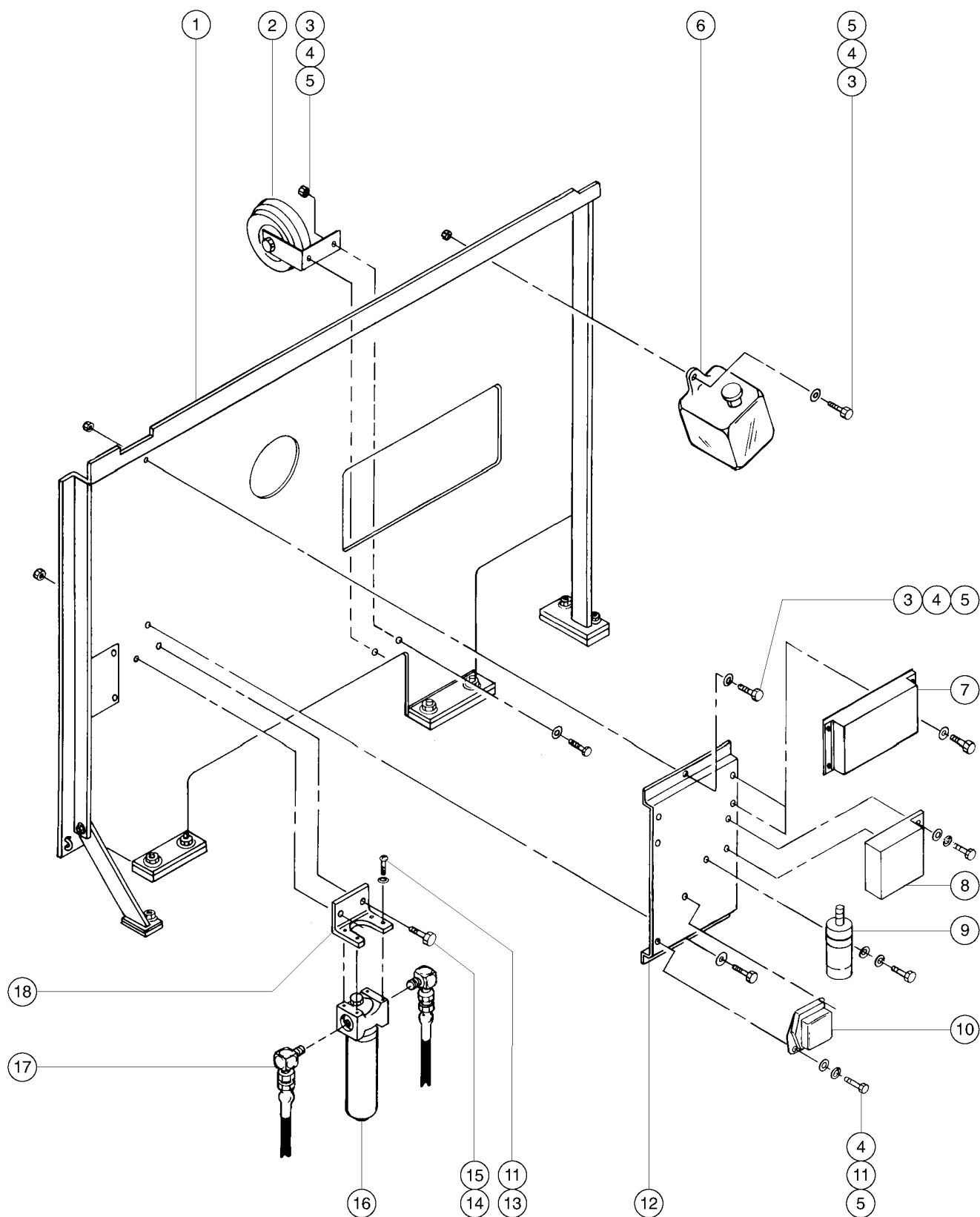
405.1 Ford Gasoline/LPG Engine - View 3



405.1 Ford Gasoline/LPG Engine - View 3

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	28718	BELT,TIMING,FORD LSG-423**		24	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	8
1	21130	CLEVIS YOKE-1/4-28,PLTD W/PIN.....	1	25	6021	WASHER,LOCK,.375.....	8
		<i>includes clevis pin</i>		26	25571P-S	PLATE,PUMP MOUNT,FORD,PAINTED.....	1
2	30785-1500	THREADED ROD,1/4-28 X 15 IN***.....	1	27		Ref. Hydraulic Hoses & Fittings.....	1
3	27917	GOVERNOR,MECHNCL,FORD LSG423.....	1			<i>refer to section 508.1</i>	
4	25854P	BRACKET,AIR FILTER,FORD,PT'D.....	1	28	8177	SCREW,HHC,1/2-13 X 1.5.....	2
5	22278	SWITCH,VACUUM.....	1	29	6033	WASHER,LOCK,0.5".....	4
6	24551	REGULATOR,LPG,BEAM #120A.....	1	30	29739	SEAL KIT,SAUER-DANFOSS M46***.....	1
6	32768	REGULATOR DIAPH.KIT BEAM 120A.....	1	30	32611	SHAFT,M46 15 TOOTH.....	1
7	27010	VALVE,LOCK OFF,BEAM #FL-418.....	1	30	49770	PUMP,M46/GEAR,2.8/.67***.....	1
8		Ref. Hose -5/8 x 9.5 inches (24 cm), Regulator to Carburetor Venturi.....	1	31	29436	O-RING***.....	1
9	27142	GASKET,EXHAUST.....	1	32	31249	SEAL KIT,LIFT PUMP**.....	1
10	48440	MUFFLER,EXH,FORD,Z-45 ONLY **.....	1	32	54222	PUMP,PIGGY BACK,.67 C.I.,Z45IC.....	1
11		Ref. Hose -3/8 x 25 inches (63.5 cm), Regulator to Intake Manifold.....	1	33	10597	SCREW,HHC,1/2-13 X 1.25 GR5.....	2
12		Ref. Hose -3/8 x 19.5 inches (50 cm), Regulator to Water Pump.....	1	34	13066	WASHER,FLAT,.5 HARDENED.....	2
13	27342P	BRACKET,EXHAUST GUARD,PAINTED.....	1				
14	28648	SPARK PLUG WIRE SET, LSG 423.....	1				
15	28647	SPARK PLUG,FORD.....	4				
16	29606	RING GEAR,FORD***.....	1				
16	29616	STARTER,ENGINE,FORD LSG/LRG***.....	1				
17	28717	VALVE,DRAIN,FORD,BLOCK,RAD..	1				
18	6096	SCREW,HHC,1/2-13 X 2 GR5.....	4				
19	6095	WASHER,FLAT,USS,1/2",Y.....	7				
20	6198	NUT,NYLOCK,1/2-13.....	2				
21	25572P	PLATE,ENG.MNT.,FORD.....	1				
22	25637	ENGINE PIVOT MOUNT WELDMENT.....	1				
23	28836	COUPLING,FLYWHEEL,FL 15T 12.5".....	1				
23	37002	COUPLER,HUB,15 TOOTH 7/16BOLT*.....	1				

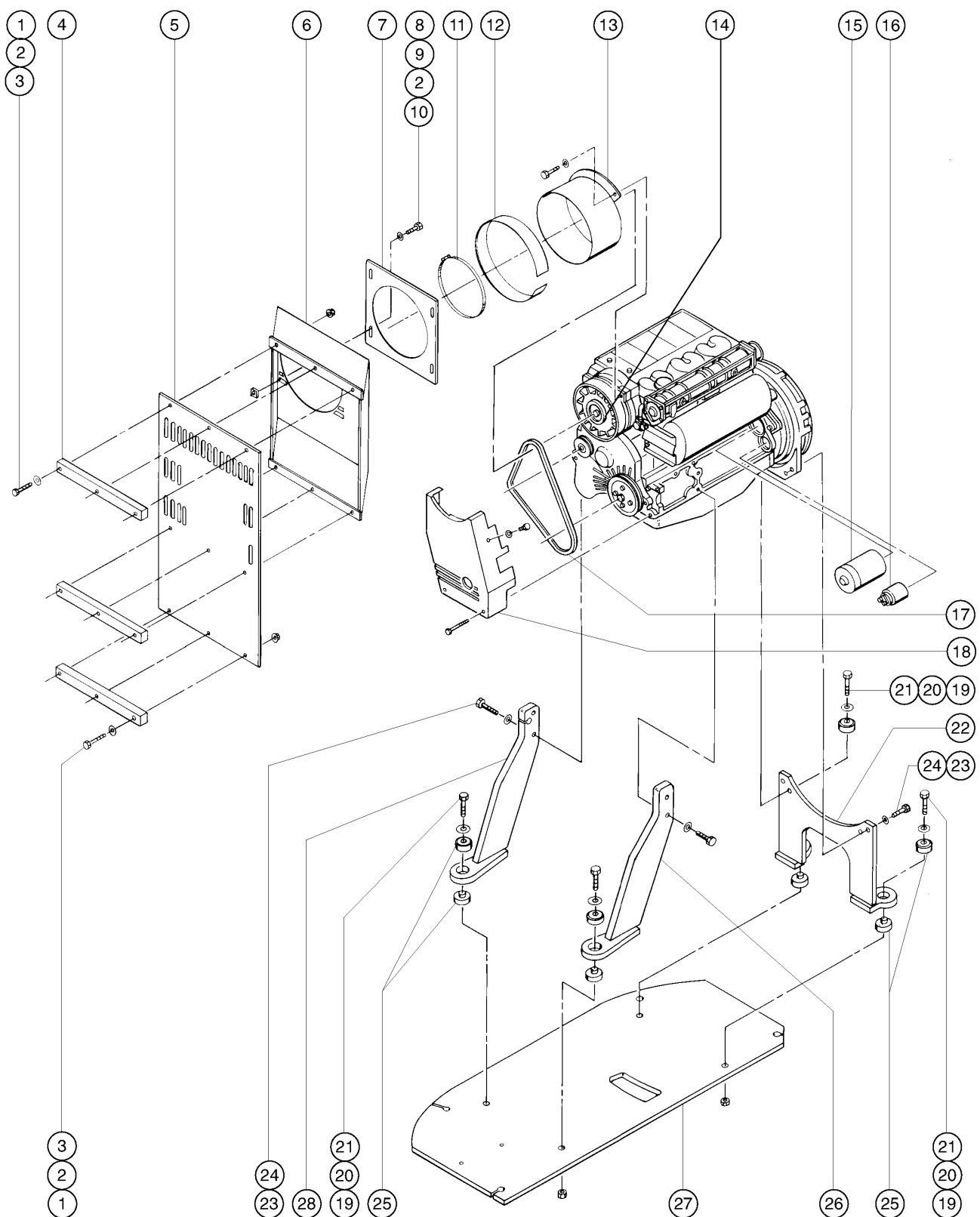
406.1 Ford Gasoline/LPG Engine - View 4



406.1 Ford Gasoline/LPG Engine - View 4

Item	Part No.	Description	Qty.
1		Ref. Weldment - Bulkhead, Engine Side <i>refer to section 507.1</i>	
2	56264	HORN,12V SCREW TERMINAL ***.....1	1
3	6091	NUT,NYLOCK,1/4-20.....5	5
4	6638	WASHER,FLAT,USS,1/4"Y.....9	9
5	6090	SCREW,HHC,1/4-20 X .75.....14	14
6	54071	COOLANT RETURN SYSTEM,Z45***.....1	1
7	27908	GOVERNOR,CNTRLR,FORD,LSG 423.....1	1
8	27922	IGNITION, ELECTRONIC, FORD....1	1
9	28664	COIL, IGNITION,FORD.....1	1
10	27919	REGULATOR, VOLTAGE, Z45GP91.....1	1
11	6356	WASHER,LOCK,.25.....11	11
12	31250	IGNITION MODULE MTG.PLATE ASSY.....1	1
13	7339	SCREW,HHC,1/4-20 X .5.....2	2
14	6175	SCREW,HHC,3/8-16 X 1.....2	2
15	4828	NUT,NYLOCK,3/8-16.....2	2
16	77139	FILTER ASY,M PRESS,SAE8,WOIND*.....1	1
--	20880	FILTER ELEMENT-10 MIC.***.....1 <i>component of filter assy p/n 20879 (no longer sold)</i>	1
--	60857	FILTER,ELEMENT,BETA(5)=1000....1 <i>for 77139</i>	1
17		Ref. Hydraulic Hoses & Fittings.....1 <i>refer to section 508.1</i>	1
18	20517P	BRACKET-FILTER MNT.-PAINTED.....1	1

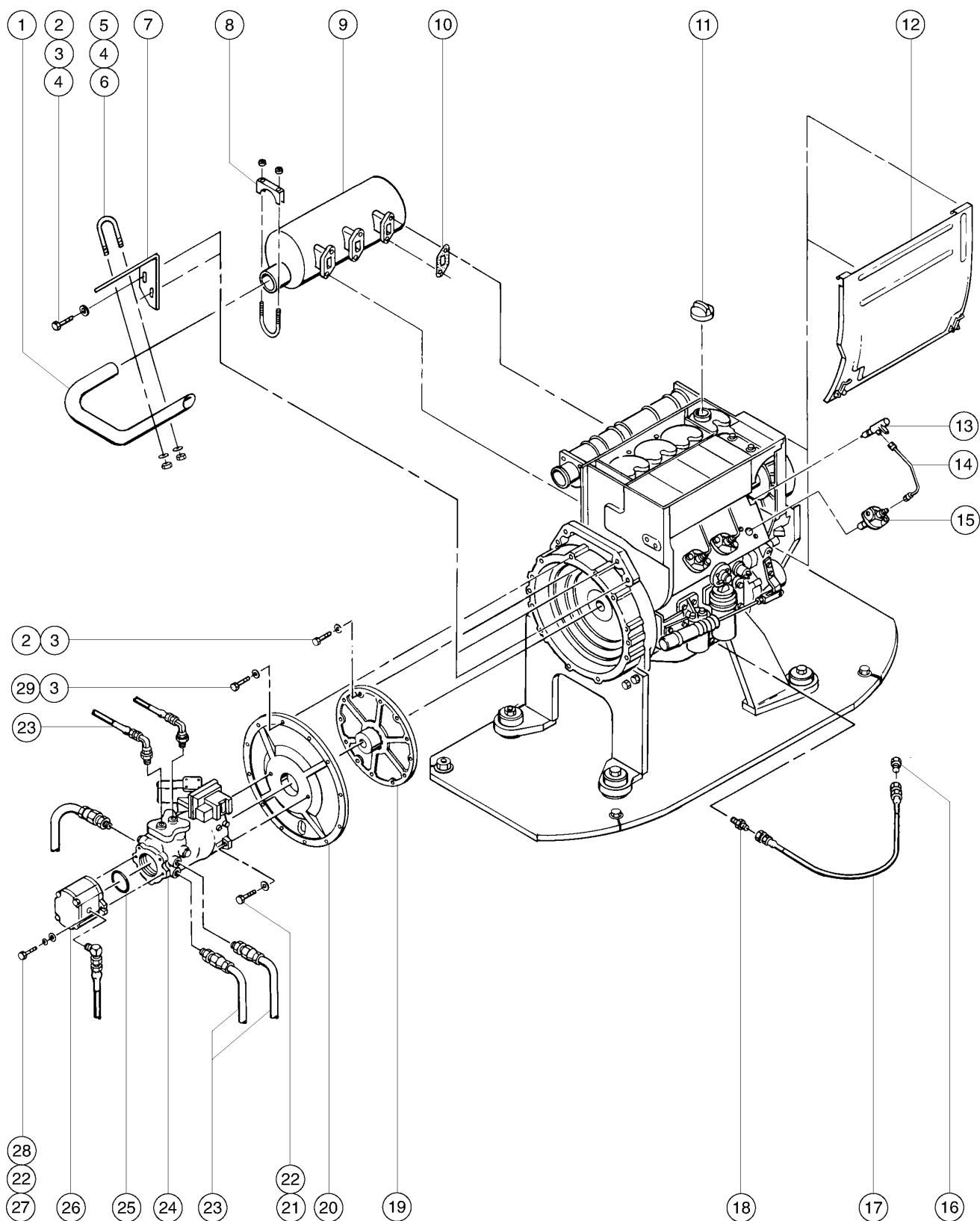
407.1 Deutz Diesel Engine - View 1



407.1 Deutz Diesel Engine - View 1

Item	Part No.	Description	Qty.
1	4266	SCREW,HHC,1/4-20 X 2.....	9
2	6638	WASHER,FLAT,USS,1/4"Y.....	13
3	6091	NUT,NYLOCK,1/4-20.....	9
4	33211	TUBE,AIR INTAKE SPACER.....	3
5	33182P	PLATE,INTAKE GRILL,PAINTEDGRAY.....	1
6	33179P	DUCT,AIR INTAKE,PAINTED.....	1
7	33236P	PLATE,AIR INTAKE ADAPTER,PAINT.....	1
8	6090	SCREW,HHC,1/4-20 X .75.....	4
9	6356	WASHER,LOCK,.25.....	4
10	56912	SPRING CLIP,1/4-20,.025-.15X.5....	4
11	31523	CLAMP,HOSE,8.50 DIA***.....	1
12	33239	SHEET,RUBBER,AIR INTAKE.....	1
13	33201	WELDMENT,AIR INTAKE TUBE....	1
14	29551	STARTER ASSY - PRE 8/14/95..... <i>includes index number 8</i>	1
15	29552	STARTER SOLENOID, DEUTZ 25484.....	1
16	32698	BELT,V, DEUTZ DIESEL ENGINE....	1
17	29555	COVER,FRONT DEUTZ ENGINE....	1
18	13003	SCREW,HHC,5/8-11 X 3.5 GRD.8...4	
19	33418	WASHER,FLAT,.625 X 2.25 X.15....	4
20	6024	NUT,NYLOCK,5/8-11.....	4
21	33205	WELDMENT,ENGINE MOUNT,DEUTZ.....	1
22	34265	SCREW,HHC,M14 X 55.....	8
23	13066	WASHER,FLAT,.5 HARDENED.....	8
24	28076	ISOLATOR,VIBRATION,LG,RD&WH***.4	
25	33203	ENGINE MOUNT WELDMENT,INBOARD.....	1
26	33073P	PLATE,ENGINE MOUNT,PAINTED.....	1
27	33204	ENGINE MOUNT WELDMENT,OUTBOARD.....	1

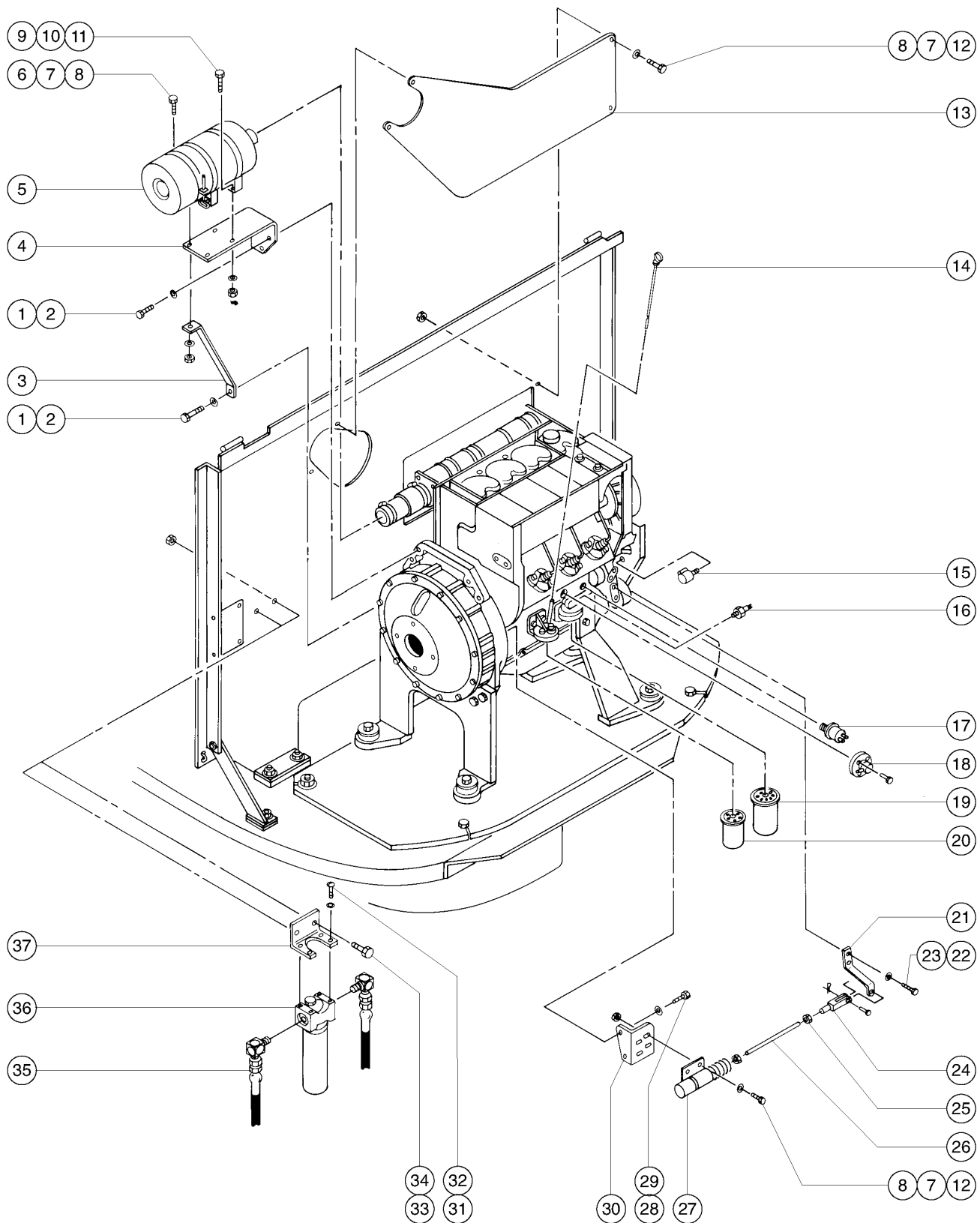
408.1 Deutz Diesel Engine - View 2



408.1 Deutz Diesel Engine - View 2

Item	Part No.	Description	Qty.
1	33077	EXHAUST, TAILPIPE, DEUTZ, Z45....	1
2	6019	SCREW, HHC, 3/8-16 X 1.25 GRD 5.....	14
3	6021	WASHER, LOCK, .375.....	23
4	6097	WASHER, FLAT, USS, 3/8", Y.....	4
5	6002	NUT, LP NYLOCK, 5/16-18.....	2
6	16584	U-BOLT, KIT 5/16-18 X 2.5.....	1
7	33356P	BRACKET, EXHAUST PIPE, PAINTED.....	1
8	30438	CLAMP, MUFFLER, 2 1/4" ID.....	1
9	32695	MUFFLER, DEUTZ.....	1
10	29559	GASKET, EXHAUST.....	4
11	29557	CAP, OIL FILLER, DEUTZ, DIESEL***.....	1
12	32696	COVER, DEUTZ ENGINE.....	1
13	32697	INJECTOR, DEUTZ.....	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	34226	ELBOW, 90DEG. MC5515X8X18.....	1
19	32606	COUPLER, HUB, 15 TOOTH.....	1
19	34380	FLYWHEEL COUPLING, TYPE FL...1	
20	30806	FLYWHEEL COVER, CASTING***.....	1
21	8177	SCREW, HHC, 1/2-13 X 1.5.....	2
22	6033	WASHER, LOCK, 0.5".....	4
23		Ref. Hydraulic Hoses & Fittings..... <i>refer to section 508.1</i>	4
24	29739	SEAL KIT, SAUER-DANFOSS M46***.....	1
24	32611	SHAFT, M46 15 TOOTH.....	1
24	49770	PUMP, M46/GEAR, 2.8/.67***.....	1
25	29436	O-RING***.....	1
26	31249	SEAL KIT, LIFT PUMP**.....	1
26	54222	PUMP, PIGGY BACK, .67 C.I., Z45IC.....	1
27	10597	SCREW, HHC, 1/2-13 X 1.25 GR5.....	2
28	13066	WASHER, FLAT, .5 HARDENED.....	2
29	6175	SCREW, HHC, 3/8-16 X 1.....	12

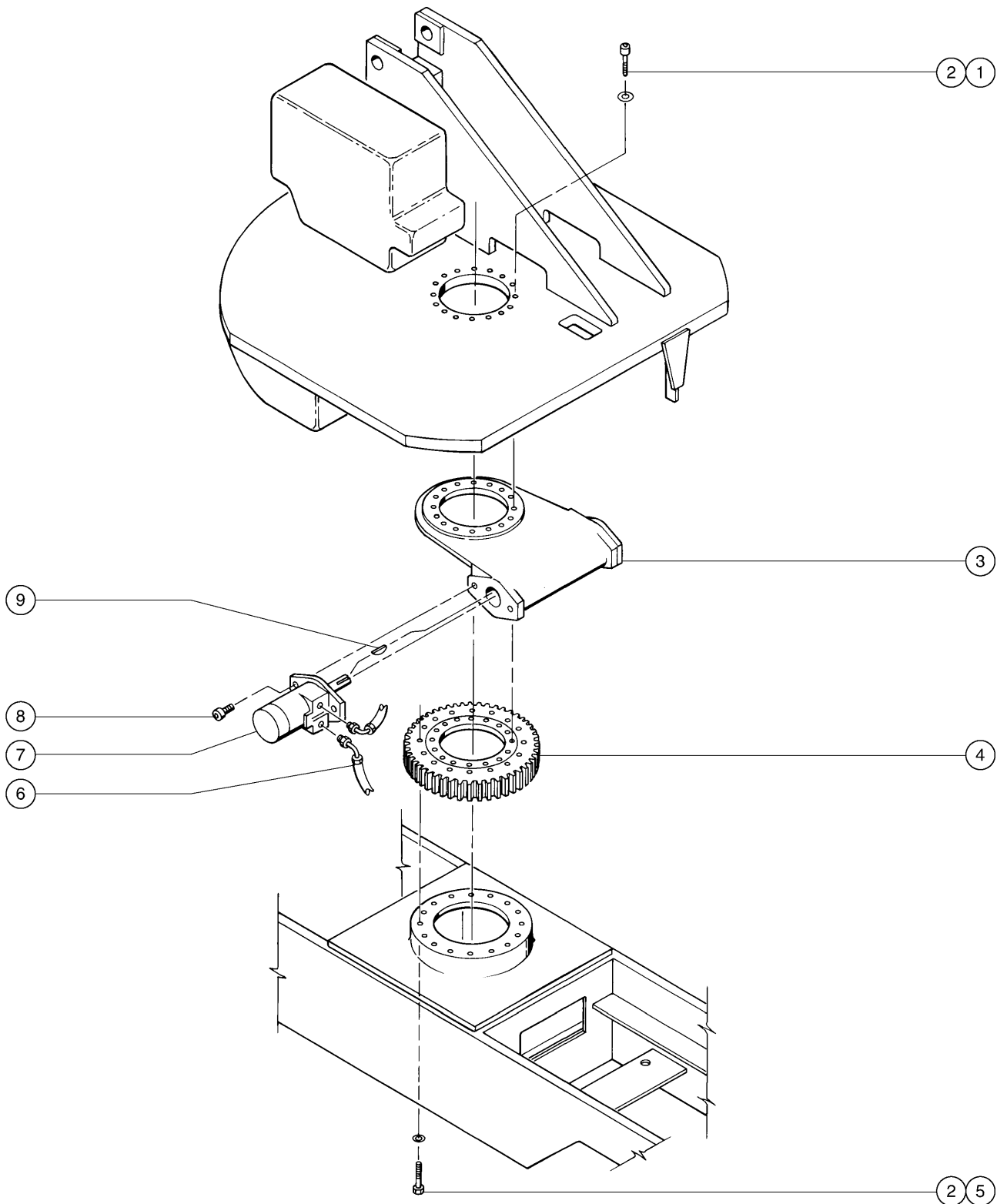
409.1 Deutz Diesel Engine - View 3



409.1 Deutz Diesel Engine - View 3

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--		BRACKET-FILTER MNT.-PAINTED		20	29560	FILTER,FUEL/WTR SEP, DTZ 1008.....	1
1	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	3			<i>Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.</i>	
2	6021	WASHER,LOCK,,.375.....	3	--	1254826	FUEL FILTER W/SEP,DEUTZ,1008.....	1
3	33021P	STRUT,AIR CLEANER,DEUTZ PAINT.....	1			<i>Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.</i>	
4	30769P	BRCKET,AIR CLEANER MTG.PAINT.....	1	21	33240P	BRACKET,ACTUATOR ARM MTG,PTD.....	1
5	27915	AIR CLEANER.....	1				
--	27916	FILTER,AIR,ELEMENT***.....	1	22	22578	SCREW,HHC,M6 X 20MM,GR8.8....	2
--	53952	BRKT,AIR CLEANER ORIENTATION**.....		23	6356	WASHER,LOCK,,.25.....	2
--	65815	CLAMP, AIR CLEANER (27915)**.....	1	24	21130	CLEVIS YOKE-1/4-28,PLTD W/PIN.....	1
		<i>clamp that holds the end cap on</i>				<i>includes clevis and cotter pins</i>	
6	8915	SCREW,HHC,1/4-20 X 1.25.....	1	25	21496	NUT,HEX,1/4-28.....	2
7	6638	WASHER,FLAT,USS,1/4"Y.....	9	26	30785-1000	THREADED ROD,1/4-28 X 10 IN***.....	1
8	6091	NUT,NYLOCK,1/4-20.....	13	27	29073	SOLENOID,THROTTLE,.....	1
9	18506	5/16-18 X .75 LG.FLG.LCK.SCREW.....	3	28	23057	SCREW,HHC,M8 X 20MM.....	2
10	6097	WASHER,FLAT,USS,3/8",Y.....	3	29	6886	WASHER,LOCK,,.313.....	2
11	6002	NUT,LP NYLOCK,5/16-18.....	3	30	33241P	BRACKET,SOLENOID MTG,PAINTED.....	1
12	6090	SCREW,HHC,1/4-20 X .75.....	9	31	7339	SCREW,HHC,1/4-20 X .5.....	4
13	33199P	PLATE,BULKHEAD COVER,PAINTED.....	1	32	6356	WASHER,LOCK,,.25.....	4
14	32750	DIPSTICK.....	1	33	6175	SCREW,HHC,3/8-16 X 1.....	2
15	T114678	SHUTDOWN SOLENOID,12V, DEUTZ.....	1	34	4828	NUT,NYLOCK,3/8-16.....	2
		<i>(replaced 32752) (must order cable assembly, 58256, if replacing 32752) (does not include o-ring)</i>		35		Ref. Hydraulic Hoses & Fittings.....	2
--	45782	DIODE,6 AMP,200 PIV,BULK				<i>refer to section 508.1</i>	
--	58256	SOLENOID CABLE ASSY***		36	77139	FILTER ASY,M PRESS,SAE8,WOIND*.....	1
--	72255	CONNECTOR, DEUTZ FUEL SHUTOFF*.....		--	20880	FILTER ELEMENT-10 MIC.***.....	1
		<i>(does not include diode, 45782)</i>				<i>component of filter assy p/n 20879 (no longer sold)</i>	
16	34059	SENDING UNIT,OIL TEMP.....	1	--	60857	FILTER,ELEMENT,BETA(5)=1000....	1
17	30805	SENDING UNIT,OIL PRESS.,DEUTZ.....	1			<i>for 77139</i>	
18	29562	PUMP ASSY, FUEL, DEUTZ DIESEL.....	1	37	20517P	BRACKET-FILTER MNT.-PAINTED.....	1
19	29561	FILTER,OIL.....	1				

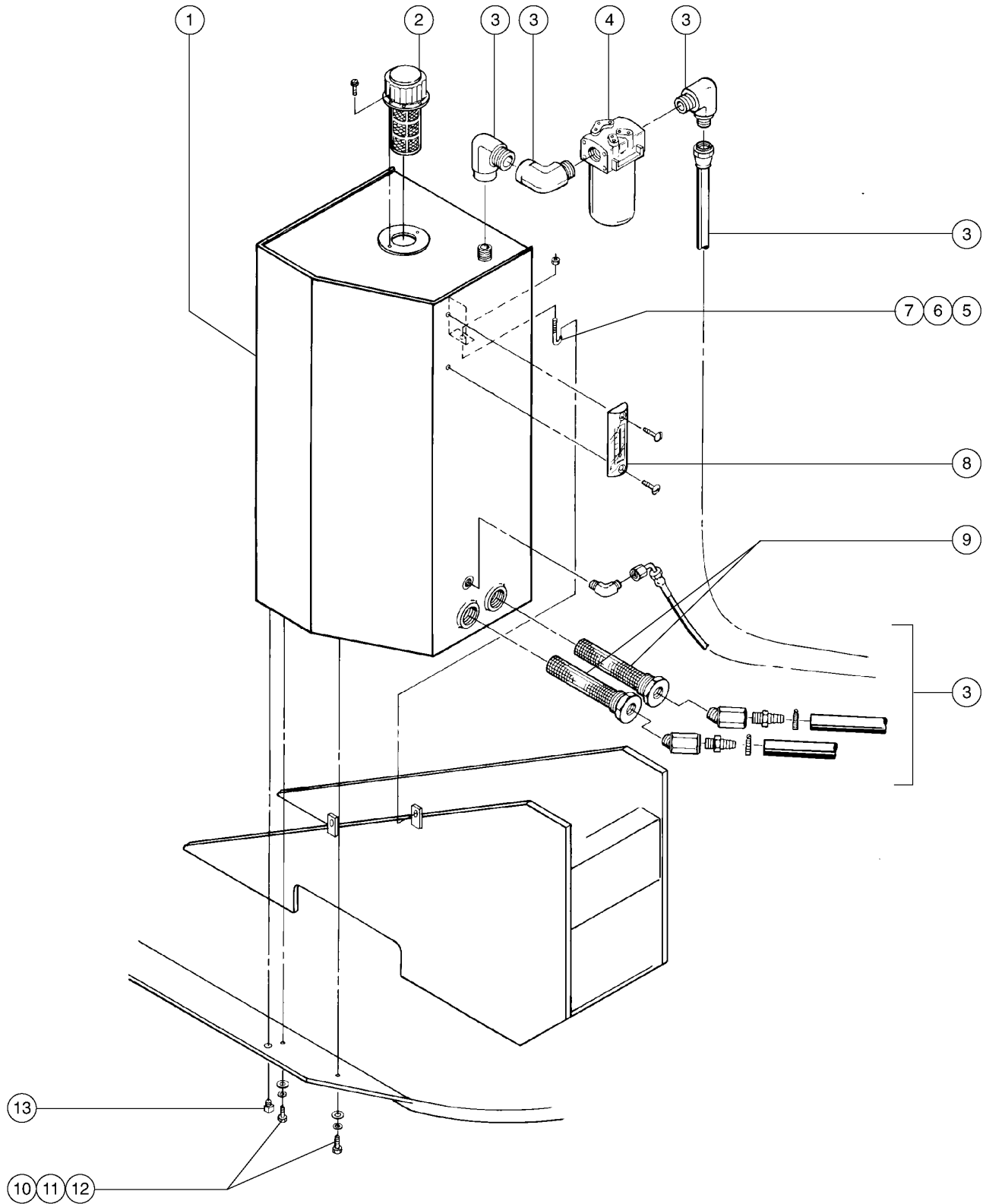
501.1 Turntable Rotator



501.1 Turntable Rotator

Item	Part No.	Description	Qty.
1	25068	SCREW,SHC,5/8-11 X 4.5,A574....	24
2	13064	WASHER,FLAT,.625 HARDENED.....	42
3	24486	WORM DRIVE,ROTATION.....	1
4	22794	ZERK,GREASE,1/8 NPT,45DEG.....	1
4	24485	BEARING,SWING CHASSIS.....	1
5	25067	SCREW,SHC,5/8-11 X 6.5.....	18
6		Ref. Hydraulic Hoses & Fittings..... <i>refer to section 508.1</i>	18
7	27275	SEAL KIT (21172).....	1
7	27372	MOTOR,TURNTABLE "O"RING PORTS.....	1
8	22202	SCREW,SHC,1/2-13 X 2.25 ***	2
9	32224	KEY-WOODRUFF.....	1

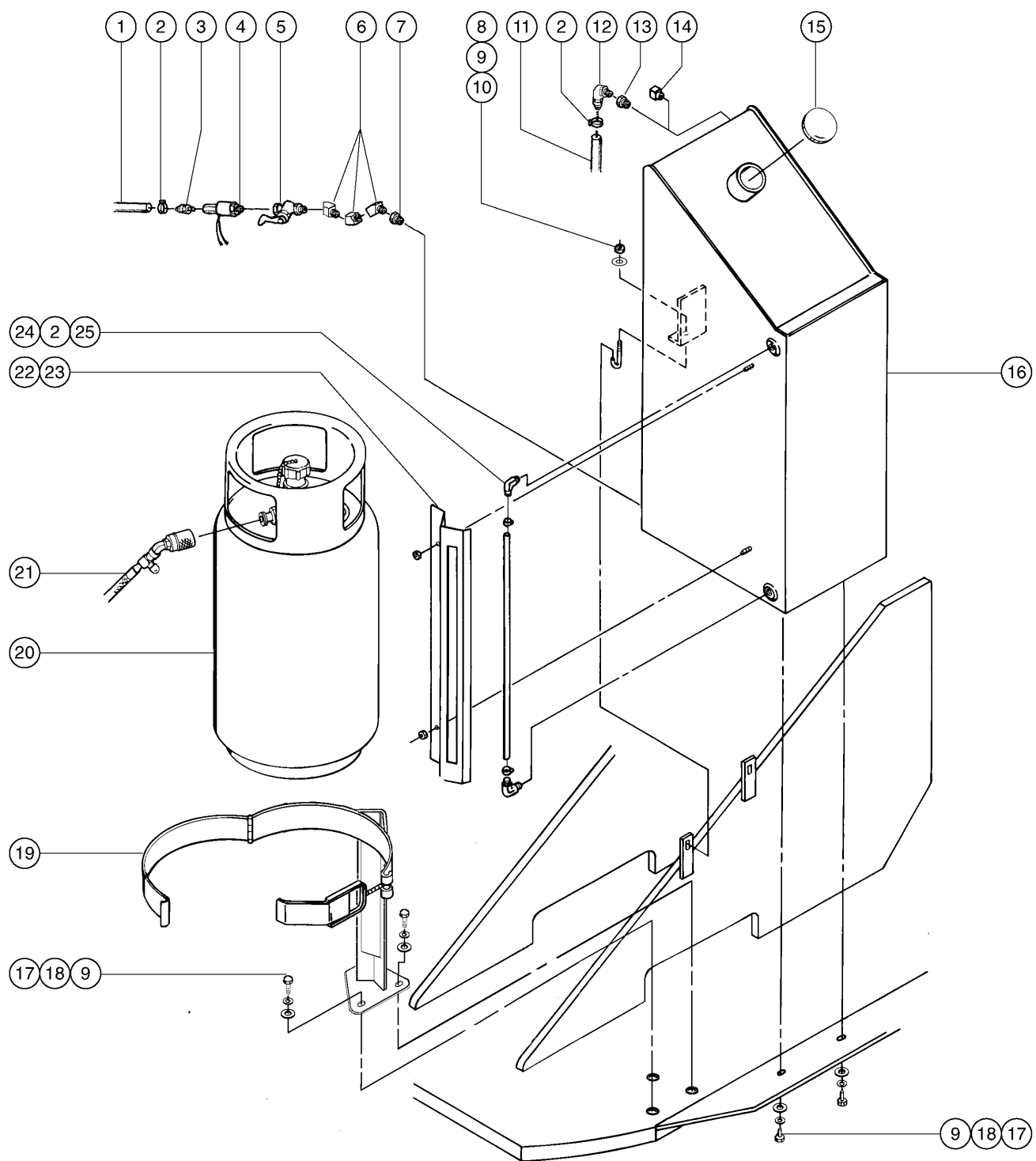
502.1 Hydraulic Tank and Filter



502.1 Hydraulic Tank and Filter

Item	Part No.	Description	Qty.
1	24560P	RESERVOIR, HYD, WELD, PAINTED.	1
2	53534	FILTER SCREEN, TANK BREATHING.....	1
3		Ref. Hydraulic Hoses & Fittings..... <i>refer to section 508.1</i>	1
4	20293	FILTER ELEMENT-10MICRON.....	1
4	29908	FILTER ASSY W/INDICATOR LH.....	1
5	35474	J-BOLT, 3/8-16, PLATED.....	1
6	6097	WASHER, FLAT, USS, 3/8", Y.....	1
7	4828	NUT, NYLOCK, 3/8-16.....	2
8	21141	GAUGE-SIGHT, LHA-LGTB***	1
9	45161	STRAINER ASSEMBLY, 1.5" NPT.....	2
10	6175	SCREW, HHC, 3/8-16 X 1.....	2
11	6021	WASHER, LOCK, .375.....	2
12	5397	WASHER, FLAT, USS, 5/16", Y.....	2
13	25879	PLUG, PIPE, HEX HEAD, STL, 3/8 NPT	1

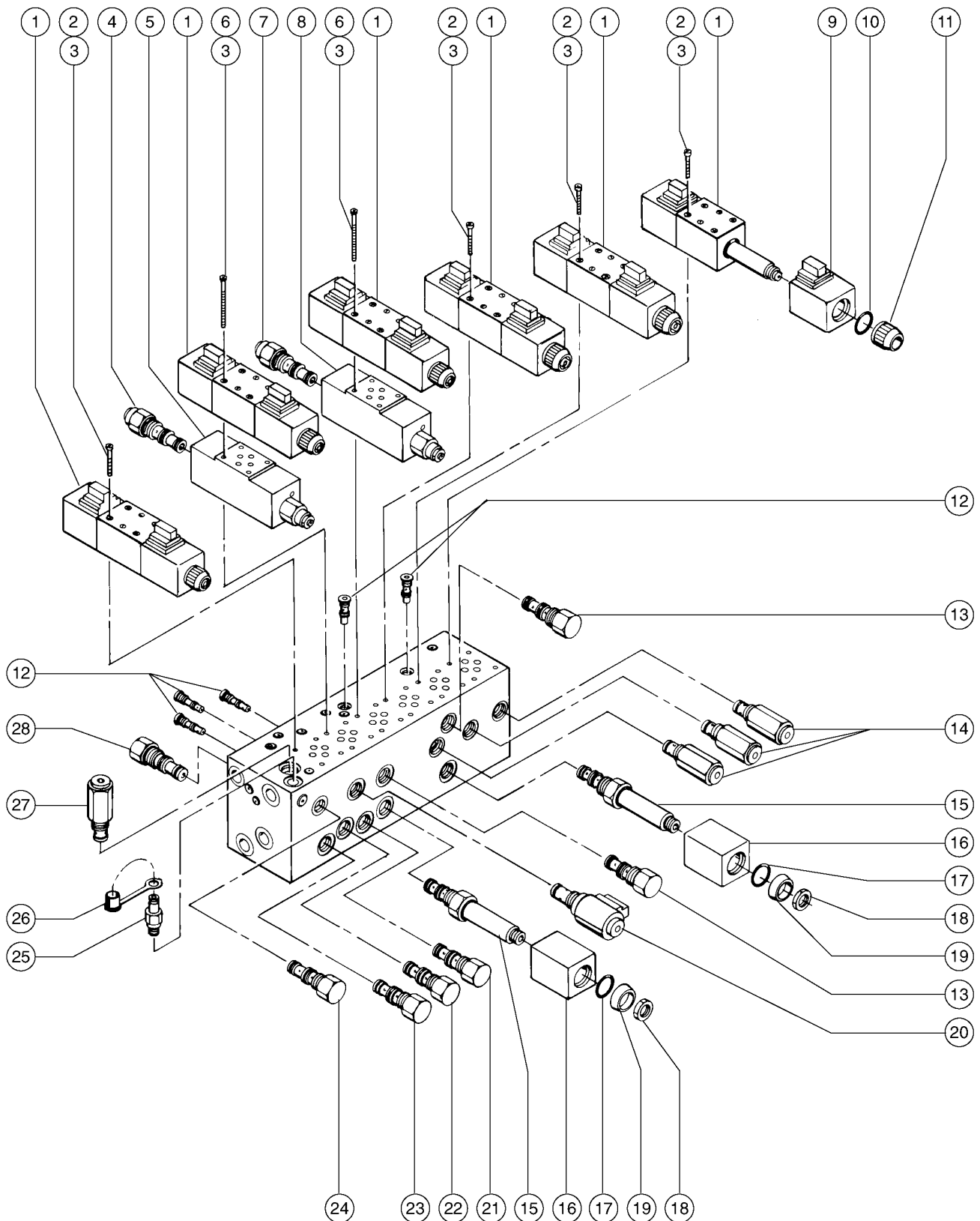
503.1 Fuel Tanks



503.1 Fuel Tanks

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	27089	HOSE,5/16 FUEL,SAE 30R7.....	1	25	27071	TUBE,FUEL SIGHT.....22-inches <i>it is recommended to also order PN 28828 when replacing the fuel sight tube</i>	
2	21465	CLAMP,HOSE,SIZE .25 TO .63.....	4				
3	27087	HOSE END,MALE PIPE,WH#1551.....	1				
4	139898	SOLENOID-GASOLINE FUEL..... <i>Gasoline/LPG models</i>	1				
5	19487	VALVE,FUEL LOCK.....	1				
6	19606	ELBOW,130339-4-4.....	3				
7	6648	BUSHING,140140-6-4.....	1				
8	4828	NUT,NYLOCK,3/8-16.....	5				
9	6097	WASHER,FLAT,USS,3/8",Y.....	6				
10	35474	J-BOLT,3/8-16,PLATED.....	1				
11	30490	HOSE,1/4 FUEL LINE,SAE 30R7.....112-inches <i>Deutz Diesel Models</i>					
12	31818	ELBOW,90DEG.1/8MPT-1/4 BARB..... <i>Deutz Diesel Models</i>	1				
13	27290	Fitting - Reducer Bushing, 6 MPT x 2 FPT (SAE 140140)..... <i>Deutz Diesel Models</i>	1				
14	6974	PLUG,PIPE,STL,SQ HEAD,3/8..... <i>Gasoline/LPG models</i>	1				
15	25567	CAP,FUEL,GREEN*..... <i>Deutz Diesel Models</i>	1				
15	28829	CAP,FUEL,RED***..... <i>Gasoline/LPG models</i>	1				
16	24559P	TANK WELDMENT,PAINTED.....	1				
17	6175	SCREW,HHC,3/8-16 X 1.....	5				
18	6021	WASHER,LOCK,.375.....	5				
19	31029	WELDMENT,LP BOTTLE BRACKET..... <i>Gasoline/LPG models</i>	1				
20	53605	TANK, LP, 7 GAL..... <i>Gasoline/LPG models</i>	1				
21	25967	HOSE ASSEMBLY,LP GAS-86" LNG**..... <i>Gasoline/LPG models</i>	1				
22	25820P	GUARD,FUEL LVL.GAUGE,PAINTED.....	1				
23	6091	NUT,NYLOCK,1/4-20.....	2				
24	27040	ELBOW,90DEG.3/8MPT-3/8 BARB.....	2				

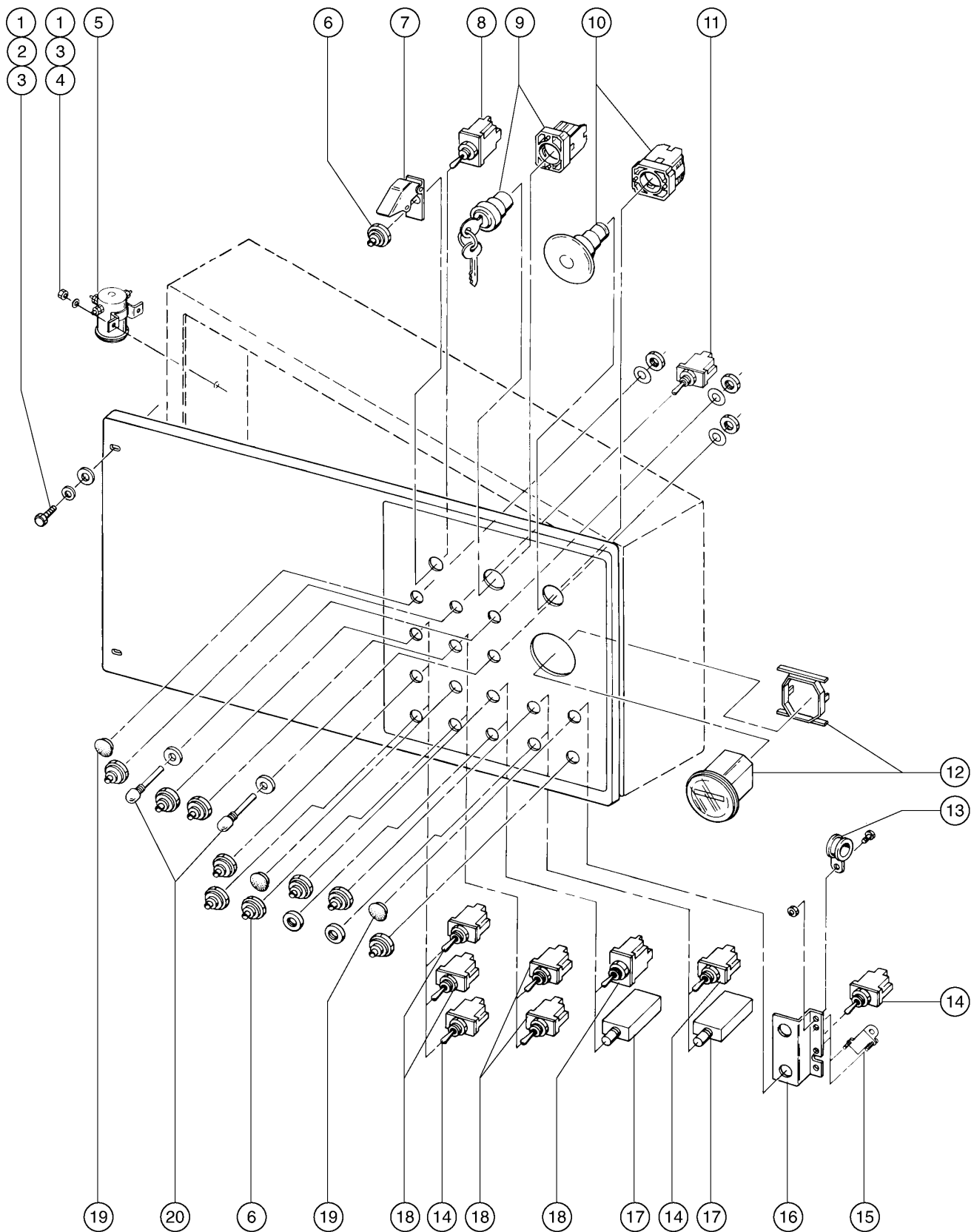
504.1 Function Manifold



504.1 Function Manifold

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	25375	SEAL KIT (ALL MANIFOLDS)		21	31100	VALVE,FLOW REGULATOR 0.6GPM.....	1
--	31701	MANIFOLD,FUNCTION,Z45IC**		21	74902	SEAL KIT, VALVE	
1	27811	VALVE,DO1..... <i>includes 2 each index numbers 9 through 11</i>	6	22	110201	SEAL KIT, VALVE, #10	
2	45916	SCREW,SHC,10-24 X 1.250 (D01).....	16	22	27804	VALVE,DIFFERENTIAL SENSING***.....	1
3	6607	WASHER,LOCK,#10 PLTD.....	24	23	31099	VALVE,FLOW REGULATOR.....	1
4	110202	SEAL KIT, VALVE, #10		23	74902	SEAL KIT, VALVE	
4	31262	VALVE,COUNTERBALANCE.....	2	24	32975	VALVE,FLOW REGULATOR,.1 GPM.....	1
5	31261	VALVE,COUNTERBALANCE SANDWICH..... <i>includes index number 4</i>	1	24	74902	SEAL KIT, VALVE	
6	27812	SCREW,SHC,10-24 X 3.....	8	25	20224	DIAGNOSTIC FEMALE Q-DSCNT.....	1
7	110202	SEAL KIT, VALVE, #10		25	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....	1
7	27047	VALVE,COUNTERBALANCE.....	2	26	48880	CAP,DIAGNOSTIC NIPPLE.....	1
8	27806	VALVE,COUNTERBALANCE SANDWICH..... <i>includes index number 7</i>	1	27	110194	SEAL KIT, VALVE, #10	
9	27813	COIL,D01,10V***.....	12	27	32035	VALVE,RELIEF 2200 PSI.....	1
10	45914	O-RING, DO1 VALVE.....	12	28	19207	VALVE,FLOW REGULATOR.....	1
11	45913	NUT,DO1 VALVE.....	12	28	72049	SEAL, CHECK VALVE	
12	110200	SEAL KIT, VALVE, #4					
12	27807	VALVE,CHECK***.....	5				
13	110197	SEAL KIT, VALVE, #10					
13	27802	VALVE,DIFFERENTIAL SENSING***.....	2				
14	27805	VALVE,RELIEF.....	3				
14	74902	SEAL KIT, VALVE					
15	32974	VALVE,PROPORTIONAL SOLENOID**..... <i>includes 1 each index numbers 16 through 19</i>	2				
15	84133	SEAL KIT, VALVE 84131					
16	21935	COIL, 12V, 19972/21623/29069.....	2				
17	45914	O-RING, DO1 VALVE.....	2				
18	45921	RETAINER-N.C.PROPOR.SOLENOID.2					
19	45921	RETAINER-N.C.PROPOR.SOLENOID.2					
20	27803	VALVE,SOLENOID.....	1				
20	27814	COIL,SOLENOID,10V.....	1				
20	52943	NUT,SOLENOID VALVE.....	1				
20	74902	SEAL KIT, VALVE					

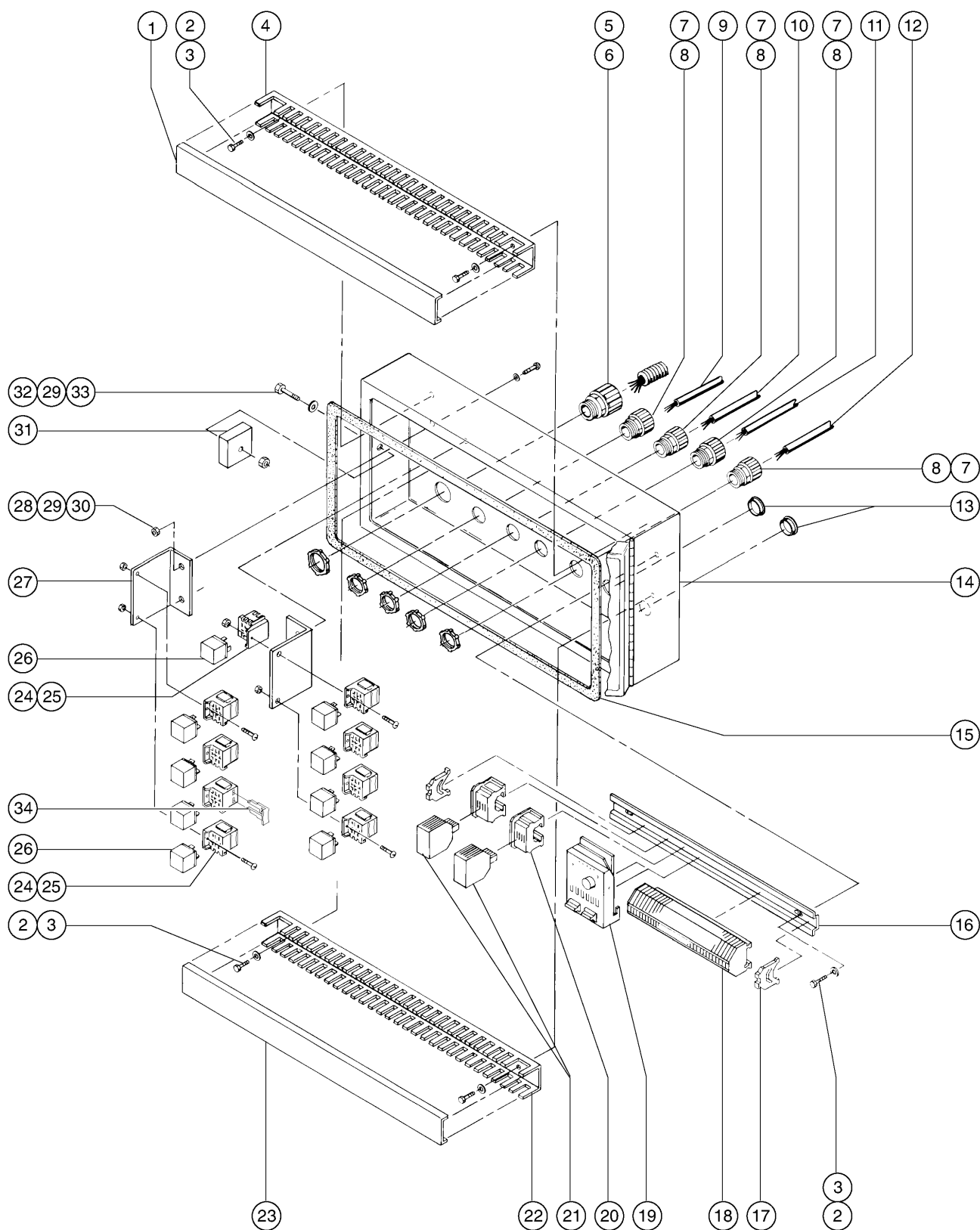
505.1 Ground Controls - View 1



505.1 Ground Controls - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	122606	KIT,KEYSWITCH SVC BB&SM CE.....1 (CE models)	1	20	56298	LIGHT,INDICATOR,RED,14V.....2	
1	6090	SCREW,HHC,1/4-20 X .75.....4	4	28	16397-S	SWITCH,TOGGLE,DPDT,3POS MOMEN.....5 <i>includes mounting fasteners</i>	5
2	6356	WASHER,LOCK,.25.....2	2	29	45384	PLUG,NYLON .50 BLACK DOMED.....3 1	3
3	6638	WASHER,FLAT,USS,1/4"Y.....4	4	Footnotes			
4	6091	NUT,NYLOCK,1/4-20.....2	2	1: Quantity listed may not reflect specific model configuration requirements.			
5	27155	SOLENOID,12V CONTINUOUS***.....1	1				
6	27246	BOOT,TOGGLE SWITCH,SHORT*.....10	10				
7	13471	COVER, AUXILIARY POWER SWITCH.....1	1				
8	13480-S	SWITCH,TOGGLE,DPDT,2POS MOMEN.....1 <i>includes mounting fasteners</i>	1				
9	122512	KIT,KEYSWITCH SVC BB & SM BOOM.....1 (ANSI models)	1				
--	21982	KEY,SINGLE***.....1	1				
--	66811	KEYSWITCH,3POS.MNTND.DR WKEY**.....1 <i>includes keyswitch and two keys, not included: base and contacts.</i>	1				
--	66816	CONTACT,N.O.....1	1				
--	66821	BASE,WITHOUT CONTACTS.....1	1				
10	122514	KIT,ESTOP SVC BB&SM BOOM.....1	1				
10	66812	BUTTON,PUSH,RED MUSHROOM HEAD.....1	1				
10	66818	CONTACT,NC.....1	1				
10	66821	BASE,WITHOUT CONTACTS.....1	1				
11	128205	SWITCH TOGGLE ASSY DPDT 2P MNT.....1 (replaced 27378-S)	1				
12	19506	HOUR METER,10-80 VOLTS***.....1 <i>includes mounting bracket</i>	1				
13	13268	CLAMP,0.75,#12 X 1/4,RUB CUSH.....1	1				
14	13037-S	SWITCH,TOGGLE,SPDT,3POS MOMEN*.....3 <i>includes mounting fasteners</i>	3				
15	27287	RESISTOR,10 OHM,25 WATT.....1	1				
16	54525	BRACKET-PANEL-WIRE MOUNTING 99.....1	1				
17	147094	ASSY, CIRCUIT BREAKER 15A.....2 <i>includes mounting fasteners</i>	2				

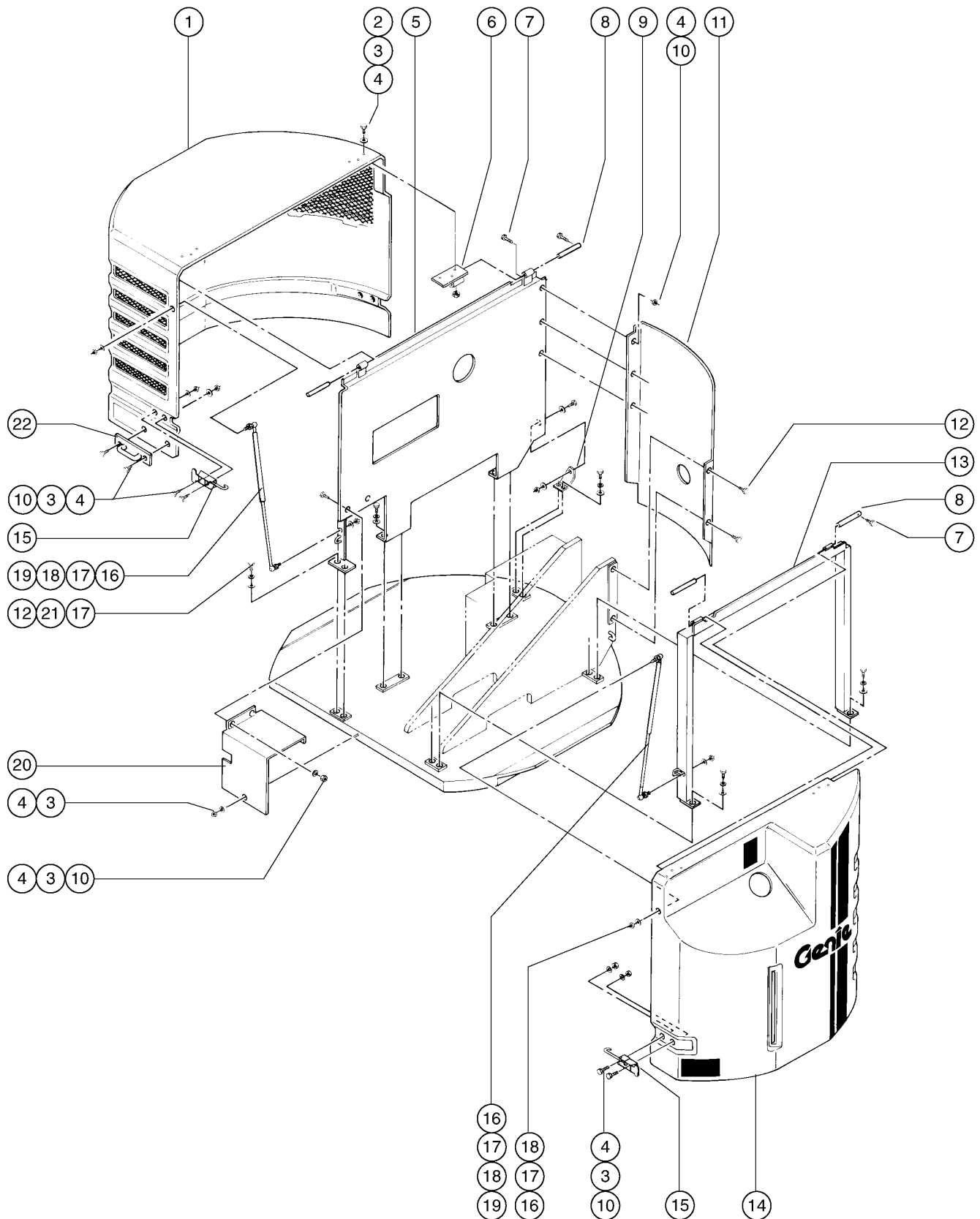
506.1 Ground Controls - View 2



506.1 Ground Controls - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	28299	COVER,WIRING DUCT, 1.5.....24-inches		25	34055	TERM RELAY,N-INSULATE 14-16 GA.....50 1	
2	6090	SCREW,HHC,1/4-20 X .75.....7		25	34056	TERM,RELAY,N-INSULATE 18-20 GA.....50 1	
3	6356	WASHER,LOCK,.25.....6		26	34052	RELAY,SPDT,12V(AUTO) PLUG IN**8 <i>Gasoline/LPG models without oscillating axle</i>	
4	28298	WIRING DUCT, 1.5 X 1.5....24-inches		27	34057P	ANGLE,RELAY MOUNTING,PAINTED.....2 <i>models with oscillating axle</i>	
5	20776	CABLE SQUEEZE CONN.....1		28	6091	NUT,NYLOCK,1/4-20.....4 1	
6	18665	LOCKNUT,ELECTRIC,1" NPT.....1		29	6638	WASHER,FLAT,USS,1/4"Y.....5 1	
7	12960	CABLE SQUEEZE CONN.,XTRA LRG.....3		30	6888	SCREW,HHC,1/4-20 X 1.....4 1	
8	14041	LOCKNUT,ELECTRIC,3/4".....3		31	31962	RELAY,TIME DELAY-10 SECOND.....1	
9	35934	WIRE CABLE,18/19 CON.TPRJKT.....120-inches		32	8915	SCREW,HHC,1/4-20 X 1.25.....1	
10	35934	WIRE CABLE,18/19 CON.TPRJKT.....780-inches		33	6889	NUT,LP NYLOCK,1/4-20.....1	
11	30794	WIRE,12/3 SJEOW,BULK,BLK-WHT-G.780-inches		34		RELAY SOCKET,AUTO,RETAINER***5 <i>component of 34053. deutz Diesel models without oscillating axle</i>	
12	35934	WIRE CABLE,18/19 CON.TPRJKT.....780-inches		Footnotes			
13	45384	PLUG,NYLON .50 BLACK DOMED.....2		1: Quantity listed may not reflect specific model configuration requirements.			
14	32976	CONTROL BOX W/DECAL,GROUND.....1 <i>includes index number 15</i>					
15	28689	GASKET,GROUND CONTROL BOX.....1					
16	28310	DIN RAIL,23.75".....1					
17	25974	PLASTIC END STOP.....2					
18	25836	TERMINAL BLOCK(SINGLE),WAGO***45					
18	45782	DIODE,6 AMP,200 PIV,BULK.....11					
19	56057	MODULE,IGNITION/START,12/24V.1					
20	25808	CARRIER TERMINAL(5 PER BLOCK).....2					
21	25807	DIODE BLOCK SUPPRESSION....2					
22	28298	WIRING DUCT, 1.5 X 1.5....24-inches					
23	28299	COVER,WIRING DUCT, 1.5.....24-inches					
24	34053	ASSY,RELAY SOCKET, AUTO.....8 <i>Deutz Diesel models with oscillating axle</i>					
25	34054	TERM,RELAY N-INSULATED 10-12 G.....50 1					

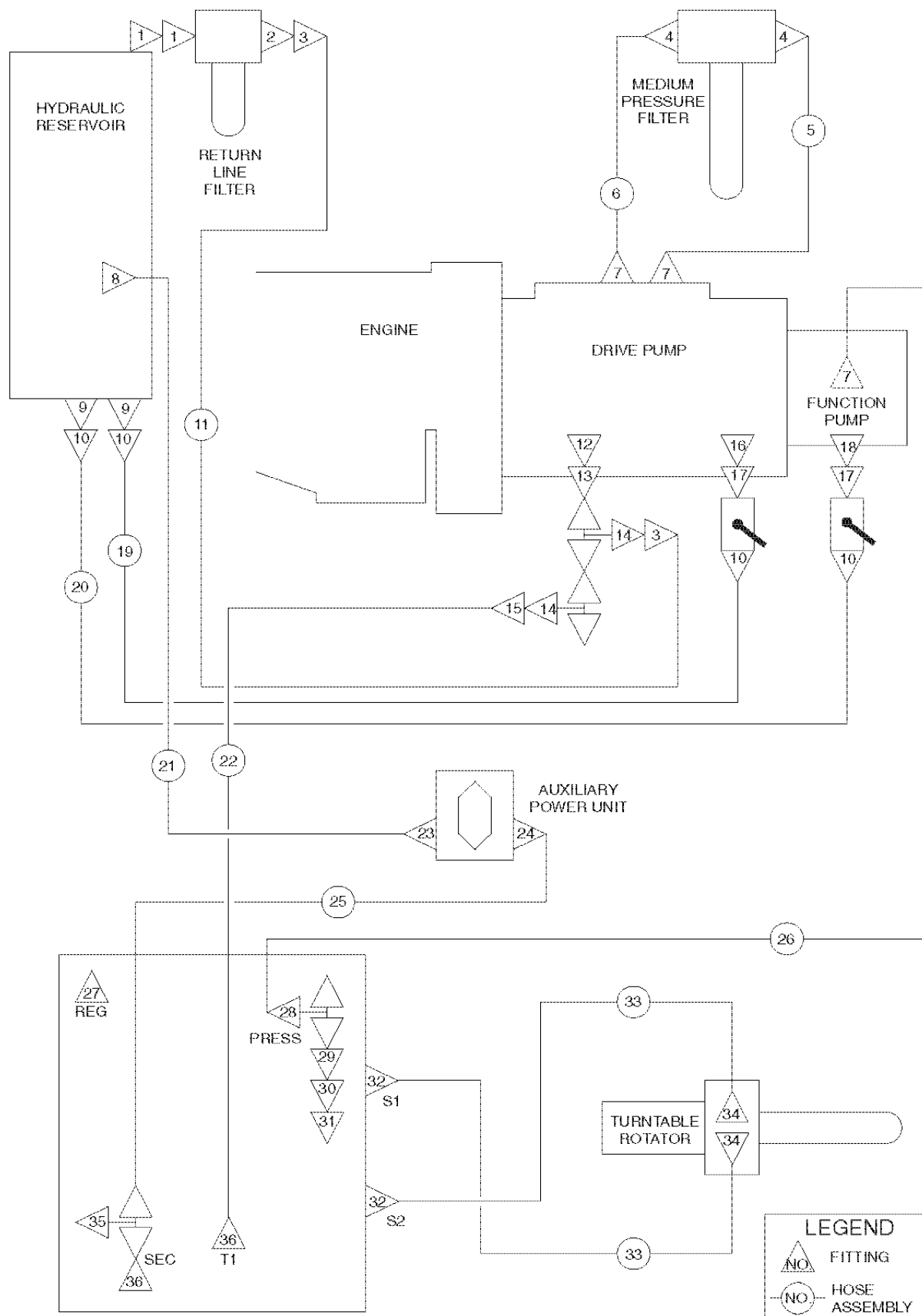
507.1 Turntable Covers



507.1 Turntable Covers

Item	Part No.	Description	Qty.
1	28049	COVR ASSY,L.S.,Z45 (91) FORD....1 <i>Gasoline/LPG models</i>	
1	32977	COVER ASSY,ENG. SIDE W/DECAL.....1 <i>Deutz Diesel models</i>	
1		Cover Assembly with Decals - Engine Side <i>includes index numbers 2 through 4, 6, 10, 15 through 18 and 22</i>	
2	6888	SCREW,HHC,1/4-20 X 1.....12	
3	6638	WASHER,FLAT,USS,1/4"Y.....24	
4	6091	NUT,NYLOCK,1/4-20.....24	
5	27129	COVER SUPPORT WELDMENT,LH.....1 <i>includes index number 9</i>	
6	29516	COVER PIVOT BRACKET WELDMENT.....2	
6	29541	COVER PIVOT BRACKET WELD,LH.....2	
7	21019	SCREW,PHIL,PHM,10-24 X.5,SEMS.....8	
8	21253	CLIP,HAIR PIN .125 X 2	
8	35465	PIN,CLEVIS,.50 X 4.50 LG.....4	
9	28144	WELDMENT,BULKHEAD GUSSET.....1	
10	6090	SCREW,HHC,1/4-20 X .75.....16	
11	28143	COVER ASSY,REAR,Z45 (91).....1	
12	8255	SCREW,HHC,3/8-16 X .75.....12	
13	27137	COVER SUPPORT WELDMENT,RH.....1	
14	28051	COVER ASSY,R.S.,Z45 (91).....1 <i>includes index numbers 2 through 4, 6, 10, 15 through 18 and 22</i>	
15	27126	LATCH,DRAW,ADJUSTABLE.....4	
16	4828	NUT,NYLOCK,3/8-16.....4	
17	6097	WASHER,FLAT,USS,3/8",Y.....17	
18	27114	BALL STUD,1/2" BALL,3/8-16X1.2.....4	
19	27377	RETAINER,GAS SPRING***.....2	
19	83151	GAS STRUT***.....2	
20	27274P	COVER,LIFT MANIFOLD,PAINTED.....1	
21	6021	WASHER,LOCK,.375.....9	
22	18651P	HANDLE WELDMENT,PAINTED.....1	

508.1 Hydraulic Hoses And Fittings - Turntable



508.1 Hydraulic Hoses And Fittings - Turntable

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	27193	ELBOW,140239-16-16.....	2	26	28017	HOSE ASSY,FUNCT.PUMP-FUNCT.MNFLD...1 6	
2	27202	ELBOW,070202-12-16.....	1	27	13120	ELBOW,070220-6-6.....	1
3	45170	HOSE END,BARBED,SWIVEL,-12-12.....	2	28	20334	TEE,RUN,070428-8.....	1
4	19685	ELBOW,070220-10-12.....	2	29	45361	REDUCER,070123-8-6.....	1
5	28018	HOSE ASSY,DRV.PMP/MED.PRS.FLTR.....1 1		30	27934	ELBOW,90DEG.1/4MPT X 3/8 JIC.....	1
6	28019	HOSE ASSY,DRV.PMP/MED.PRS.FLTR.....1 1		31	27933	QUICK DISCONNECT,DIAGN.NIPPLE.....	1
7	22665	CONNECTOR,070120-8-10.....	3	32	45412	CONNECTOR,070120-6-6.....	2
8	27577	CONNECTOR,070102-8-8.....	1	33	19136	HOSE ASSY-LFT.CYL.RTN. TO TANK.....	2 7
9	27191	ELBOW,140339-16-16.....	2	34	27421	ELBOW,070320-6-10.....	2
10	45166	HOSE END,BARBED RIGID-16-16.....	4	35	45366	TEE,RUN,070432-6-6.....	1
11	28014	HOSE ASSY,DRV.PUMP RTN/RESERV.....1 2		36	18687	CONNECTOR,070120-6-8.....	2
12	19687	CONNECTOR,070120-12-12.....	1				
13	21246	ELBOW,070221-12-12.....	1				
14	20326	TEE,RUN,070432-12.....	2				
15	20325	REDUCER,070123-12-8.....	1				
16	20793	ELBOW,070220-16-16.....	1				
17	27189	ADAPTER,JIC SWIVEL/MALE PIPE.....	2				
18	20332	ELBOW,070220-12-16.....	1				
19	28011	HOSE,48",1"SAE 100R4.....1 3					
20	28015	HOSE,46",1"SAE 100R4.....1 3					
21	28016	HOSE ASSY,RESERV.TO AUX.P.U.....1 4					
22	28012	HOSE ASSY,FUNCT.MNFLD.RET-PUMP.....1 5					
23	24058	ELBOW,070320-8-10.....	1				
24	45411	ELBOW,070320-6-6.....	1				
25	28013	HOSE ASSY,AUX.P.U.-FUNCT.MNFLD.....1 6					

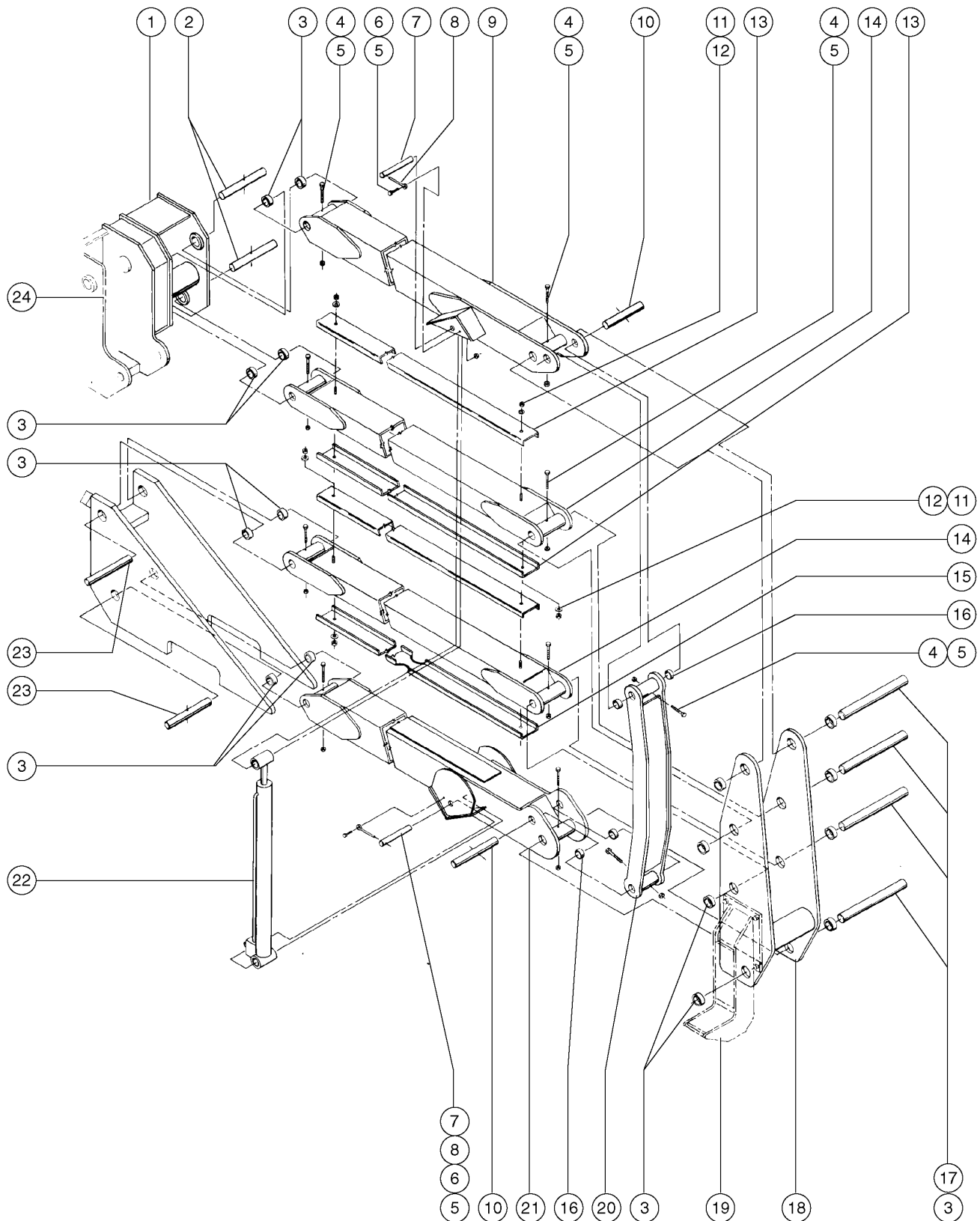
508.1 Hydraulic Hoses And Fittings - Turntable (continued)

Item	Part No.	Description	Qty.
Footnotes			
1:		Hose End - Female JIC Swivel, 8-8 (Synflex 3903-08548), Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550) & Hose - 1/2" Thermoplastic High Pressure (Synflex 3800-08)	
2:		Hose - 3/4" Push On (Weatherhead H20112)	
3:		Hose - 1.0" Suction (Weatherhead H03916)	
4:		Hose End - Female JIC Swivel, 6-8 (Synflex 3903-06548), Hose End - Female JIC Swivel, 6-8 (Synflex 3903-06548) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	
5:		Hose End - Female JIC Swivel, 6-8 (Synflex 3903-06548), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	
6:		Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - 90o Female JIC Swivel, 6-6 (Synflex 3903-06646) & Hose - 3/8" Thermoplastic Medium Pressure (Synflex 3130-06)	
7:		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)	

508.1 Hydraulic Hoses And Fittings - Turntable
(continued)

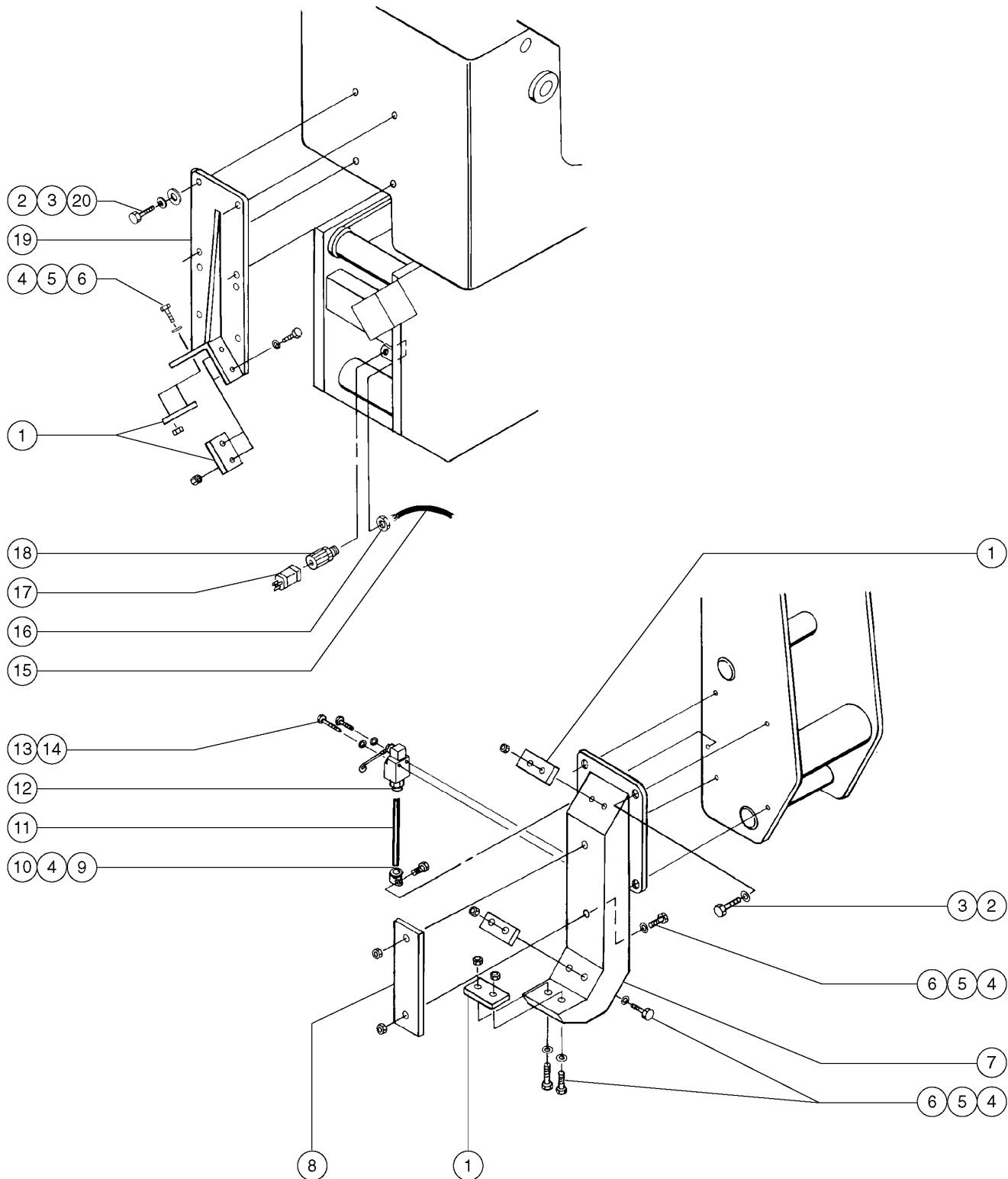
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601.1 Boom Installation



Item	Part No.	Description	Qty.
1	27552	UPPER MIDPIVOT ASSEMBLY,Z45.....1 <i>includes 6 each index number 3</i>	1
2	25061	PIN,UPPER MID PIVOT,11 X 1.5"....2	2
3	45071	BEARING,1.5IDX1.75ODX1.5L.....16	16
4	6326	SCREW,HHC,3/8-16 X 3.....10	10
5	4828	NUT,NYLOCK,3/8-16.....14	14
6	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....4	4
7	25063	PIN,ELEVATE CYLINDER.....4	4
8	45226	ROD END,.375 X 3.69.....4	4
9	27553	UPPER SECONDARY BOOM ASSY,Z45.....1 <i>includes 2 each index number 16</i>	1
10	25677	PIN,COMPRESSION LINK.....2	2
11	6091	NUT,NYLOCK,1/4-20.....8	8
12	6638	WASHER,FLAT,USS,1/4"Y.....8	8
13	45392P	HOSE COVER-ELEVATE BOOM, BLUE.....3	3
14	45438P	TENSION LINK WELD,BOTTM-PAINTD.....2	2
15	32987	HOSE COVER ASSEMBLY.....1	1
16	45268	BEARING,1.5ID X 1.75OD X .63L....4	4
17	25060	PIN,MID PIVOT,11 X 1.5 INCH.....4	4
18	27554	MIDPIVOT RISER ASSY,Z45.....1 <i>includes 8 each index number 3</i>	1
19		Ref. Primary Boom Rest (refer to figure 6-B, page 6-4).....1	1
20	45117	COMPRESSION LINK WELDMENT.....1	1
21	27555	LOWER SECONDARY BOOM ASSY,Z45.....1 <i>includes 2 each index number 16</i>	1
22	31078	SEAL KIT,HYDRAULIC CYLINDER***.....2	2
22	31105	CYL,ELEVATE,2.5 X 29 (SUN)***.....2	2
22	31106	VALVE,CNTERBAL,CBBB-LHN@3000**.	2
22	45070	BEARING,GARLOCK,16DU12.....2	2
23	25061	PIN,UPPER MID PIVOT,11 X 1.5"....2	2
24		Ref. Upper Mid-pivot Rest.....2 <i>refer to section 602.1</i>	2

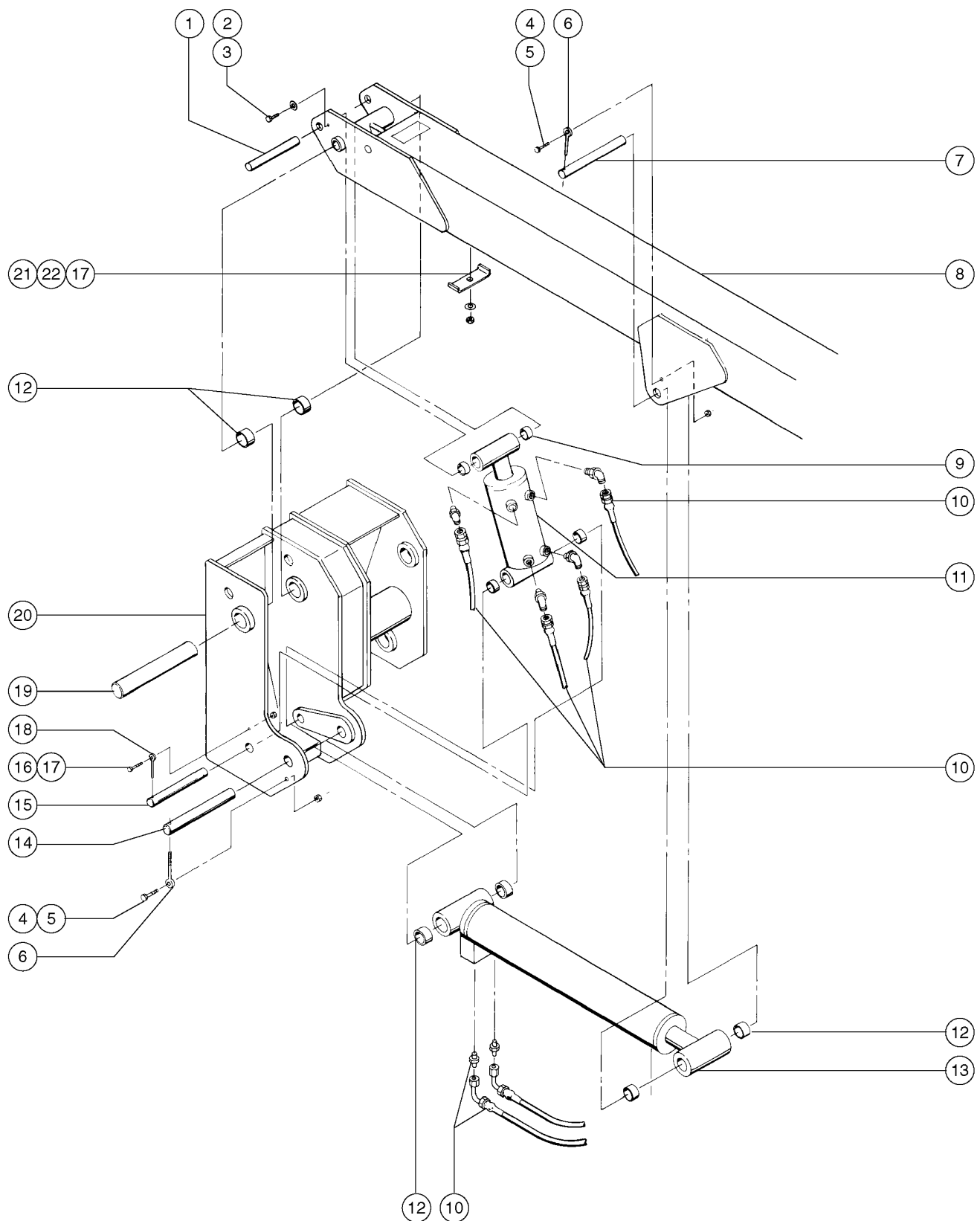
602.1 Upper Mid-pivot And Primary Boom Rests



602.1 Upper Mid-pivot And Primary Boom Rests

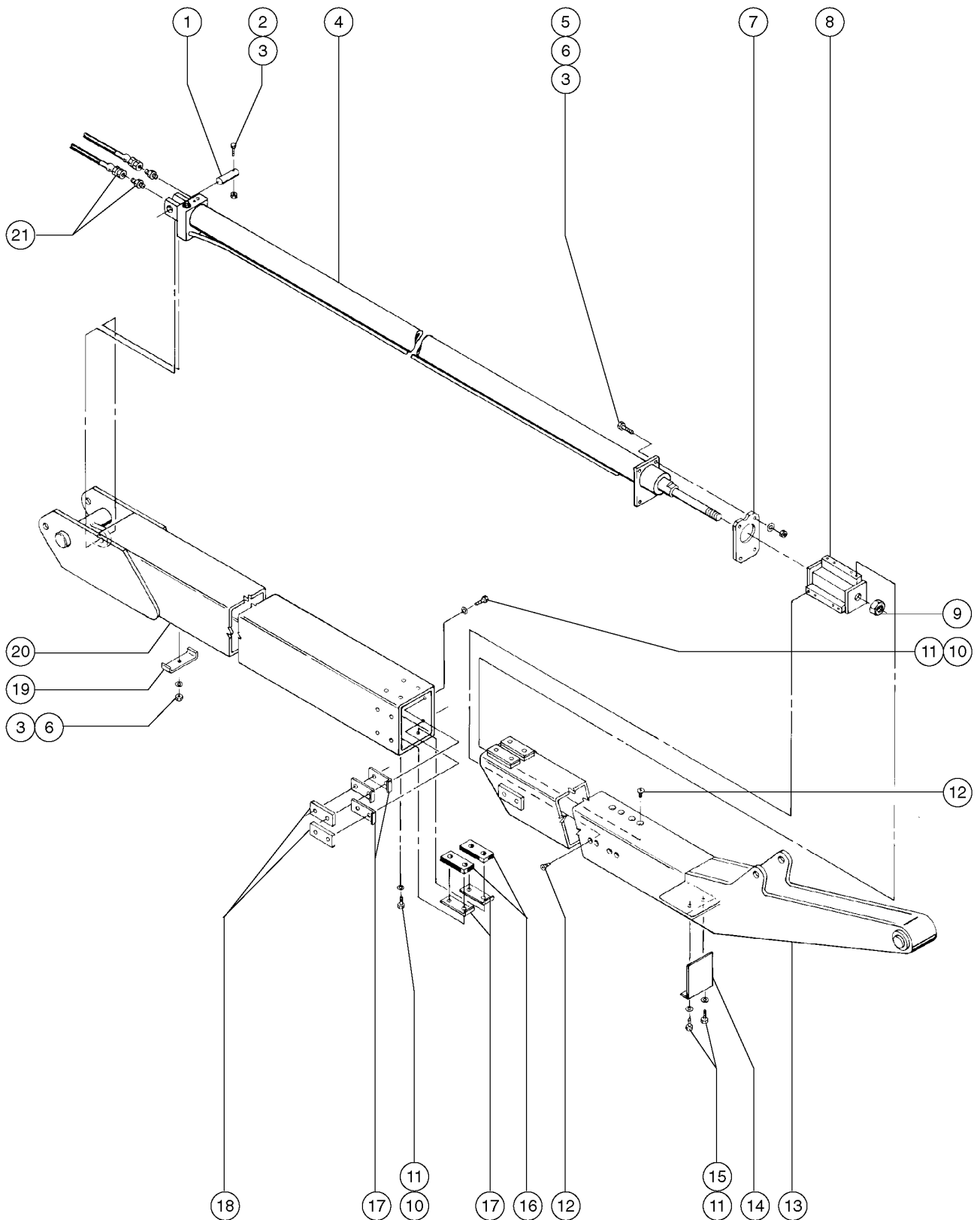
Item	Part No.	Description	Qty.
1	45209	WEAR PAD,4X2X.5 W/INSERT***.....	5
2	10597	SCREW,HHC,1/2-13 X 1.25 GR5.....	8
3	6033	WASHER,LOCK,0.5".....	8
4	6090	SCREW,HHC,1/4-20 X .75.....	13
5	6356	WASHER,LOCK,.25.....	12
6	6357	NUT,HEX,1/4-20.....	12
7	28469	WELDMENT,PRIMARY BOOM REST.....	1
8	25635	PAD,NYLON-12 X 2 X 0.625 INCH.....	1
9	6833	CLAMP,0.50,#8 X 1/4,RUB CUSH....	1
10	6091	NUT,NYLOCK,1/4-20.....	1
11	6562	WIRE CABLE,16/4 SJO,BULK.....	180-inches
12	88356-127J5	SWITCH,LIMIT,W/6.25"SPRING ARM.....	1
--	106433	LS SPRING WAND (ZCY91)	
--	19491	CONTACTOR,LIMIT SWITCH	
13	6179	SCREW,RHM,10-32 X 1.25.....	2
14	6607	WASHER,LOCK,#10 PLTD.....	2
15	43956	WIRE CABLE,14/3 CON.TPE JKT*.....	744-inches
16	6935	LOCKNUT,ELEC,1/2".....	1
17	119403	CONN,PLUG 120 AC/15A DOMESTIC.....	1
17	144161	PLUG,PWR,UK,16AMP,3PIN,BLK...	1
17	6666	PLUG,ELECTRICAL,220/50,NOVON.	1
18	7056	CONN,SQUEEZE,1/2NPT .38-.50,SM.....	1
19	28470	WELDMENT,UPPER PIVOT REST.....	1
20	6095	WASHER,FLAT,USS,1/2",Y.....	4

603.1 Upper Mid-pivot



Item	Part No.	Description	Qty.
1	24678	PIN,MASTER CYL.ROD END,7.25 X1.....1	1
2	8914	SCREW,HHC,1/4-20 X .625.....1	1
3	12906	WASHER,FENDER,.25 X 1.25 X.062.....1	1
4	8516	SCREW,HHC,3/8-16 X 1.50,GR5.....2	2
5	4828	NUT,NYLOCK,3/8-16.....2	2
6	45226	ROD END,.375 X 3.69.....2	2
7	25857	PIN,LIFT CYL./PLAT.PIVOT.....1	1
8	41332	PRIMARY BOOM WITH DECAL.....1	1
9	45070	BEARING,GARLOCK,16DU12.....4	4
10		Ref. Hydraulic Hoses & Fittings.....4 <i>refer to section 607.1</i>	4
11	45561	CYL-HYD.-4BORE X 5.63 STK.....1 <i>includes 4 each index number 9</i>	1
11	45898	SEAL KIT (CYL.PN.45561) BL.....1	1
12	45071	BEARING,1.5IDX1.75ODX1.5L.....4	4
13	24655	CYLINDER,LIFT,4 X 24***.....1	1
--	230483	SEAL KIT,CYLINDER***	
--	32954	VALVE,COUNTERBALANCE	
--	45072	BEARING,GARLOCK,24DU24.....4	4
14	25062	PIN,LIFT CYL.BARREL END.....1	1
15	25680	PIN,MASTER CYL.BAR.END,9.56 X1.....1	1
16	6090	SCREW,HHC,1/4-20 X .75.....1	1
17	6091	NUT,NYLOCK,1/4-20.....2	2
18	45748	ROD END,.250 X 2.75 LG.....1	1
19	49810	PIN,BOOM PIVOT***%.....1	1
20	27552	UPPER MIDPIVOT ASSEMBLY,Z45.....1 <i>includes 6 each index number 12</i>	1
21	54530	CLAMP,HOSE,ALUMINUM***.....1	1
22	6638	WASHER,FLAT,USS,1/4"Y.....1	1

604.1 Primary and Extension Booms



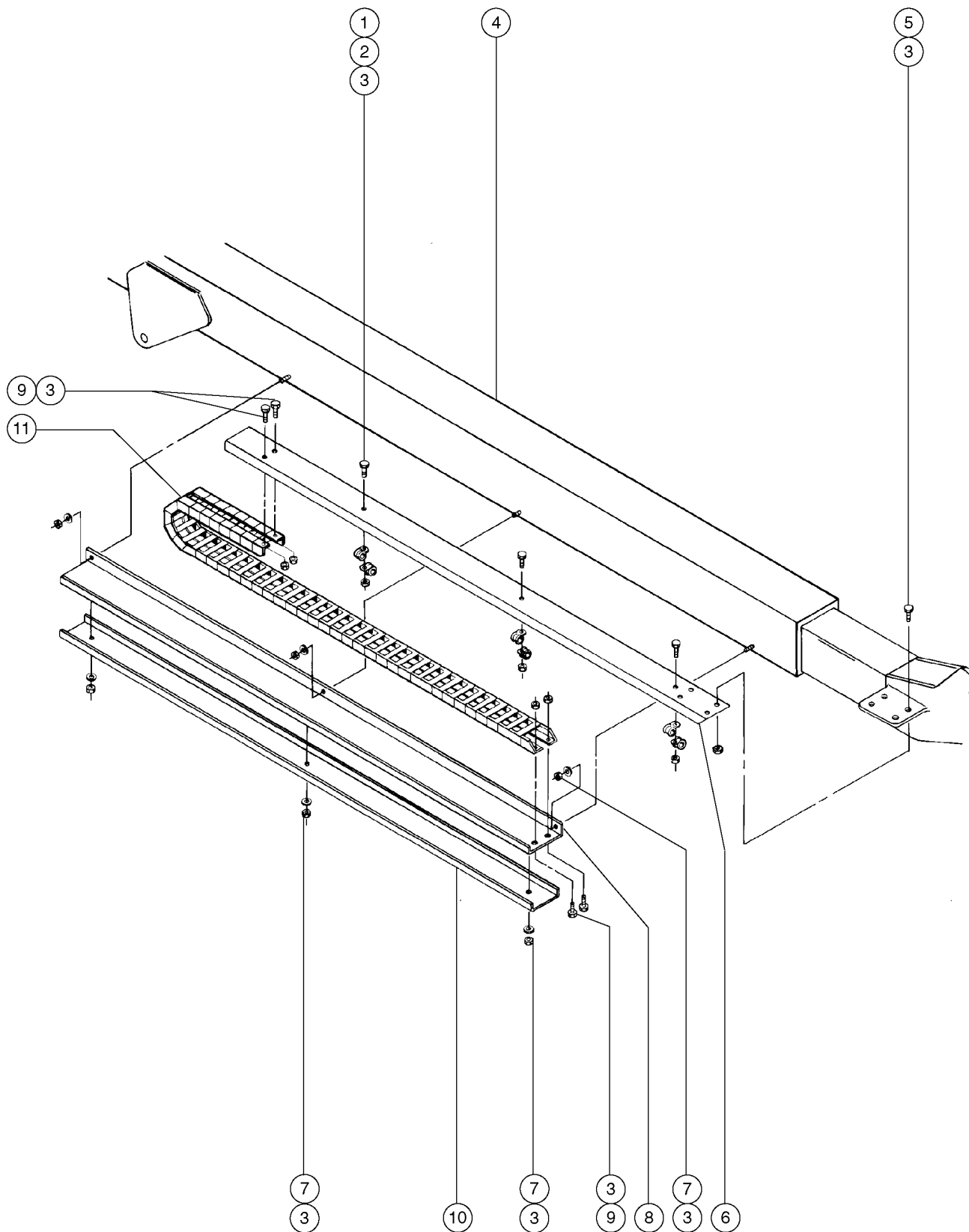
604.1 Primary and Extension Booms

Item	Part No.	Description	Qty.
1	25679	PIN,EXTENSION CYLINDER.....1	
2	6145	SCREW,HHC,1/4-20 X 1.5.....2	
3	6091	NUT,NYLOCK,1/4-20.....9	
4	29267	CYLINDER,EXT,2.5 X 112.25.....1	
--	29183	SEAL KIT,25212,25217,25372,S60	
--	31106	VALVE,CNTERBAL,CBBB-LHN@3000**	
5	8915	SCREW,HHC,1/4-20 X 1.25.....4	
6	6638	WASHER,FLAT,USS,1/4"Y.....7	
7	45742	SLIDE BLOCK-EXT CYL.,Z45A.....1	
8	45298	ROD END WELDMENT-EXT.CYL.....1	
9	45303	NUT,NYLOCK,1.125-12.....1	
10	8914	SCREW,HHC,1/4-20 X .625.....16	
11	6356	WASHER,LOCK,.25.....18	
12	45425	SCREW,FHS,3/8-16 X .75.....8	
13	27678	EXTENSION BOOM ASSY,Z45 (91).....1	
--	18238	BEARING,FL,1.5 X 1.65OD X 2	
14	48496P	COVER, END, PAINTED.....1	
15	6090	SCREW,HHC,1/4-20 X .75.....2	
16	45745	WEAR PAD,4 X 2 X.50 THK.BLACK.....2	
17	45382	SHIM,PRIMARY BOOM,.052 THK.....8 1	
17	45465	SHIM,PRIMARY BOOM,.022 THICK.....8 1	
18	45209	WEAR PAD,4X2X.5 W/INSERT***....6	
19	54530	CLAMP,HOSE,ALUMINUM***.....3	
20	27815	PRIMARY BOOM WELDMENT**.....1	
21		Ref. Hydraulic Hoses & Fittings.....1 <i>refer to section 607.1</i>	

Footnotes

1: Quantities listed for this item are approximate. Actual quantities may vary, to ensure proper fit.

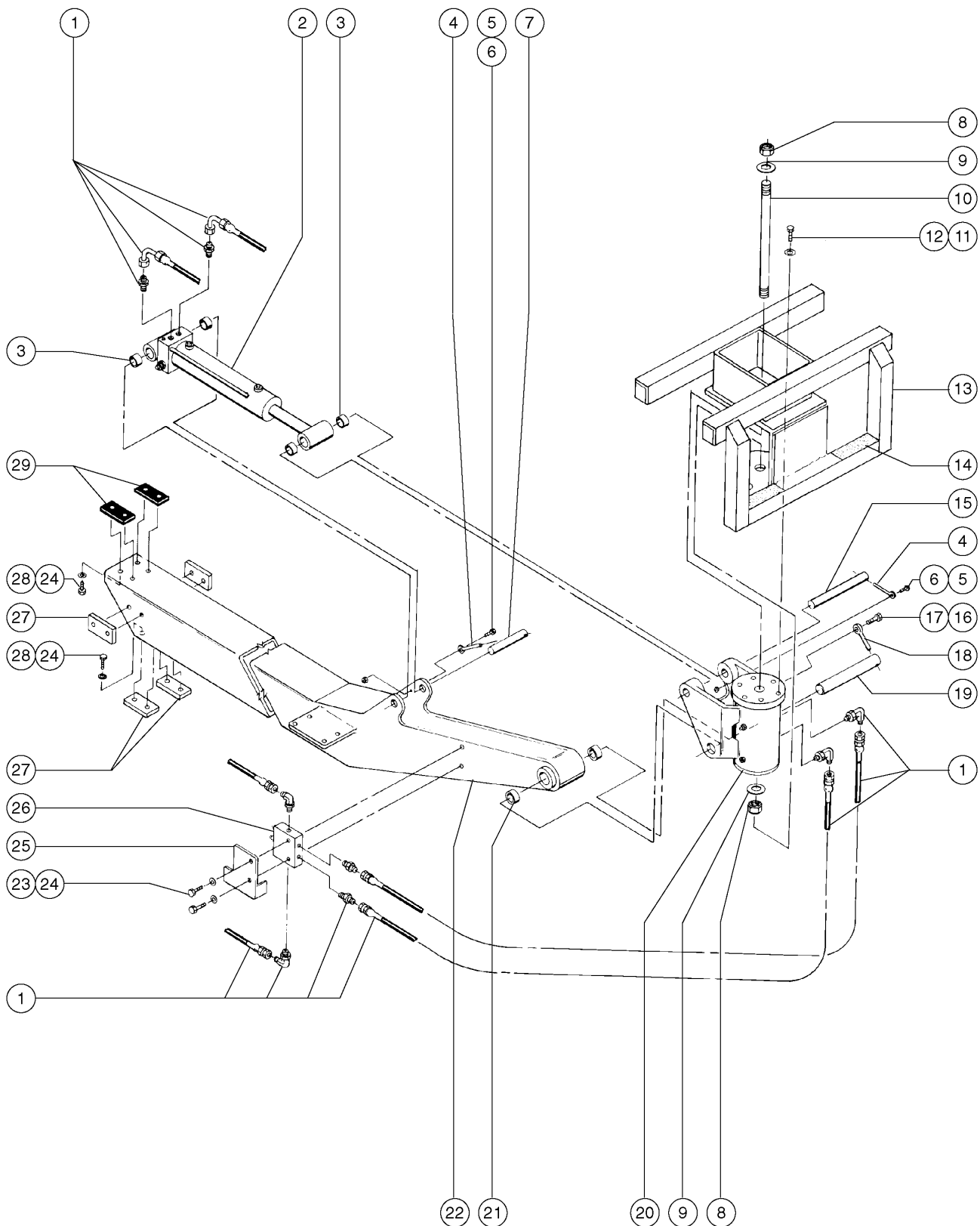
605.1 Cable Track Installation



605.1 Cable Track Installation

Item	Part No.	Description	Qty.
1	8914	SCREW,HHC,1/4-20 X .625.....	3
2	13268	CLAMP,0.75,#12 X 1/4,RUB CUSH.....	6
3	6091	NUT,NYLOCK,1/4-20.....	17
4		Ref. Primary Boom..... <i>refer to section 604.1</i>	17
5	6090	SCREW,HHC,1/4-20 X .75.....	4
6	24998P	HOSE COVER,UPPR.CABLE TRK,BLUE.....	1
7	6638	WASHER,FLAT,USS,1/4"Y.....	6
8	25071P	TRAY,CABLE TRACK,W/STUDS.....	1
9	7339	SCREW,HHC,1/4-20 X .5.....	4
10	25072P	HOSE COVER,LWR CABLE TRK,BLU.....	1
11	24670	TRACK,PLASTIC CABLE,38 LINKS.....	1
11	27647	TRACK REPAIR,7 LINKS.....	1
11	27699	END SET,PLASTIC TRACK.....	1

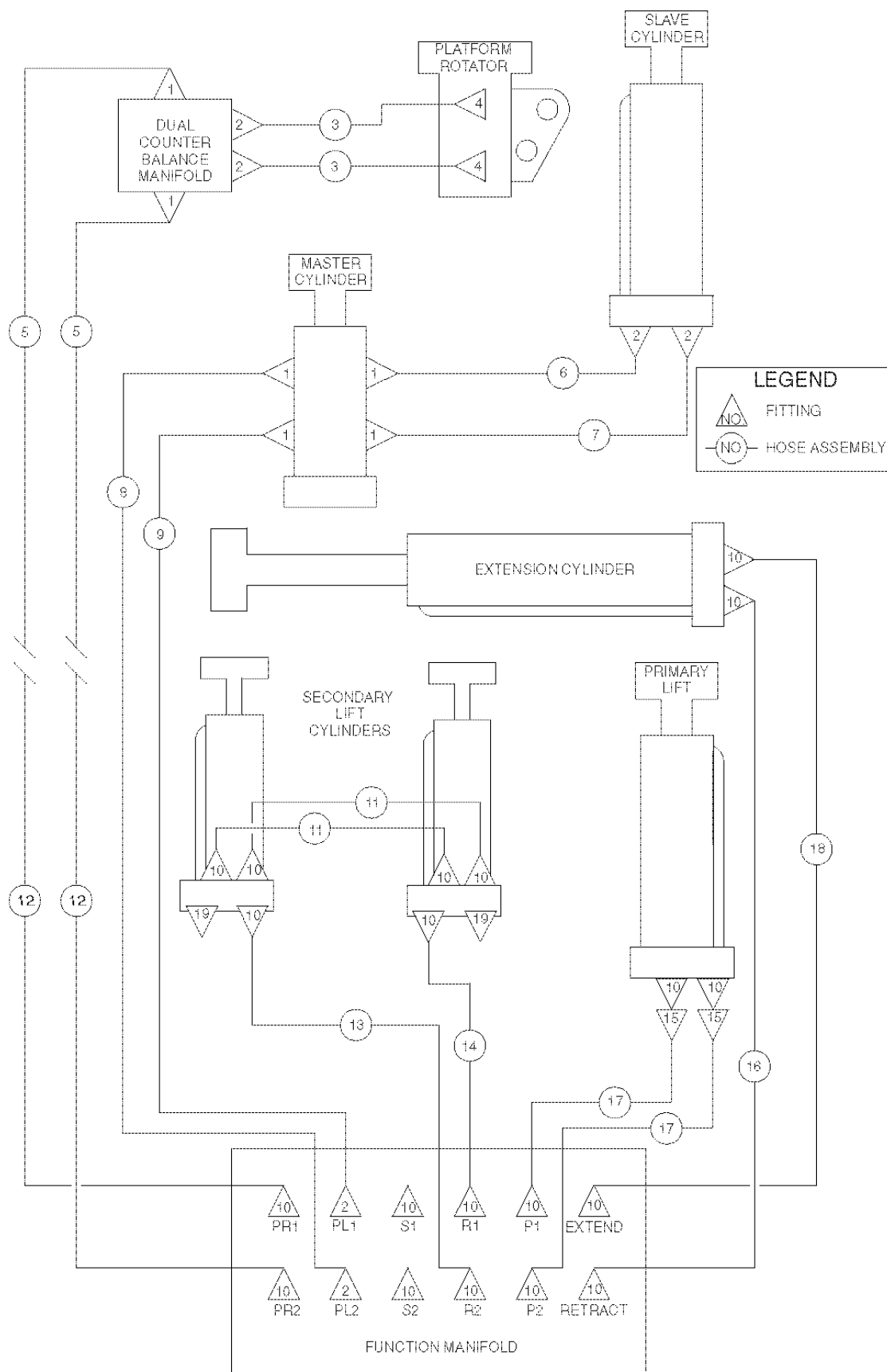
606.1 Platform Leveling and Rotation



606.1 Platform Leveling and Rotation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Ref. Hydraulic Hoses & Fittings <i>refer to section 607.1</i>		26	25375	SEAL KIT (ALL MANIFOLDS).....	1
2	13852	VALVE ASSY,BLEED***	1	26	30823	VALVE,DUAL CB MANIFOLD.....	1
2	19700	SEAL KIT,PN.45562 BL.....	1	26	32722	VALVE,COUNTERBALCBCG-LJN@3000.1	
2	29082	CYLINDER,SLAVE,3 X 9.5**.....	1	27	45209	WEAR PAD,4X2X.5 W/INSERT***	4
		<i>Includes 4 each index number 3</i>		28	6090	SCREW,HHC,1/4-20 X .75.....	12
2	29083	VALVE,COUNTERBALANCE,2500 PSI*	1	29	45745	WEAR PAD,4 X 2 X.50 THK.BLACK.....	2
3	45070	BEARING,GARLOCK,16DU12.....	4				
4	45748	ROD END,.250 X 2.75 LG.....	2				
5	6888	SCREW,HHC,1/4-20 X 1.....	2				
6	6091	NUT,NYLOCK,1/4-20.....	2				
7	25065	PIN, 1.00 DIA X 6.00LG, 1 HOLE....	1				
8	33265	NUT,HEX,1-8.....	2				
9	13775	WASHER,FLAT,1.063 X 2 X .134....	2				
10	30286	SCREW,HHC,1-8 X 12IN GRD.2***	1				
11	10597	SCREW,HHC,1/2-13 X 1.25 GR5....	6				
12	6033	WASHER,LOCK,0.5".....	6				
13	27680	PLATFORM PIVOT MOUNT ASSY	1				
		<i>includes index number 14</i>					
14	1259	TAPE,NON SKID,2" WIDE (BULK).....	14-inches				
15	25064	PIN,SLAVE CYL.ROD END.....	1				
16	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	1				
17	4828	NUT,NYLOCK,3/8-16.....	1				
18	45226	ROD END,.375 X 3.69.....	1				
19	25816	PIN,PLATFORM PIVOT 8.5 X 1.5".....	1				
20	13852	VALVE ASSY,BLEED***	1				
20	24411	ROTATOR,HELICAL,PLATFORM***.1					
20	65842	SEAL KIT,UNIVERSAL,9K ROTATOR*.....	1				
21	18238	BEARING,FL,1.5 X 1.65OD X 2.....	4				
22	27678	EXTENSION BOOM ASSY,Z45 (91).....	1				
		<i>includes 2 each index number 21</i>					
23	6637	SCREW,HHC,1/4-20 X 1.75.....	2				
24	6356	WASHER,LOCK,.25.....	10				
25	25966P	COVER,COUNTRBALANCE VALVE,PNTD.....	1				

607.1 Hydraulic Hoses And Fittings



607.1 Hydraulic Hoses And Fittings

Item	Part No.	Description	Qty.
1	12340	ELBOW,070220-4-6.....6	6
2	13799	CONNECTOR,070120-6-4.....6	6
3	28007	HOSE ASSY,MNFLD TO ROTATE CYL.....2	2
		1	
4	13921	ELBOW,070220-4-4.....2	2
5	28009	HOSE ASSY,SPLICE TO ROTATE CYL.....2	2
		2	
6	28006	HOSE ASSY,MASTER CYL. TO SLAVE.....1	1
		3	
7	28005	HOSE ASSY,MSTR.CYL.-SLAVE.CYL.....1	1
		3	
8	28003	HOSE ASSY,FNCTN.MNFLD-MSTR.CYL...1	1
		4	
9	28004	HOSE ASSY,FNCTN.MNFLD-MSTR.CYL...1	1
		4	
10	45412	CONNECTOR,070120-6-6.....20	20
11	28316	TUBE,ELEVATE CYLINDER.....2	2
12	28008	HOSE ASSY,FNCTN.MNFLD-SPLICE.....2	2
		5	
13	28147	HOSE ASSY,FNCTN.MNFLD/ELEV.CYL...1	1
		6	
14	28146	HOSE ASSY,FNCTN.MNFLD/ELEV.CYL...1	1
		6	
15	45367	ELBOW,070221-6-6.....2	2
16	28001	HOSE ASSY,FNCTN.MNFLD-EXTN.CYL...1	1
		6	
17	45533	HOSE ASSY-MNFLD.TO EXT. CYL.....2	2
		6	
18	28000	HOSE ASSY,FNCTN.MNFLD-EXTN.CYL...1	1
		6	

Item	Part No.	Description	Qty.
19	45395	PLUG,HEX HEAD,090109A-6.....2	2

Footnotes

1: Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544) & Hose - 1/4"

Thermoplastic Medium Pressure (Synflex 3130-04)

2: Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Male JIC 4-4 (Synflex 3903-04504) & Hose - 1/4"

Thermoplastic Medium Pressure (Synflex 3130-04)

3: Hose End - 90o Female JIC Swivel, 4-4 (Synflex 3903-04644), Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544) & Hose - 1/4"

Thermoplastic Medium Pressure (Synflex 3130-04)

4: 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)

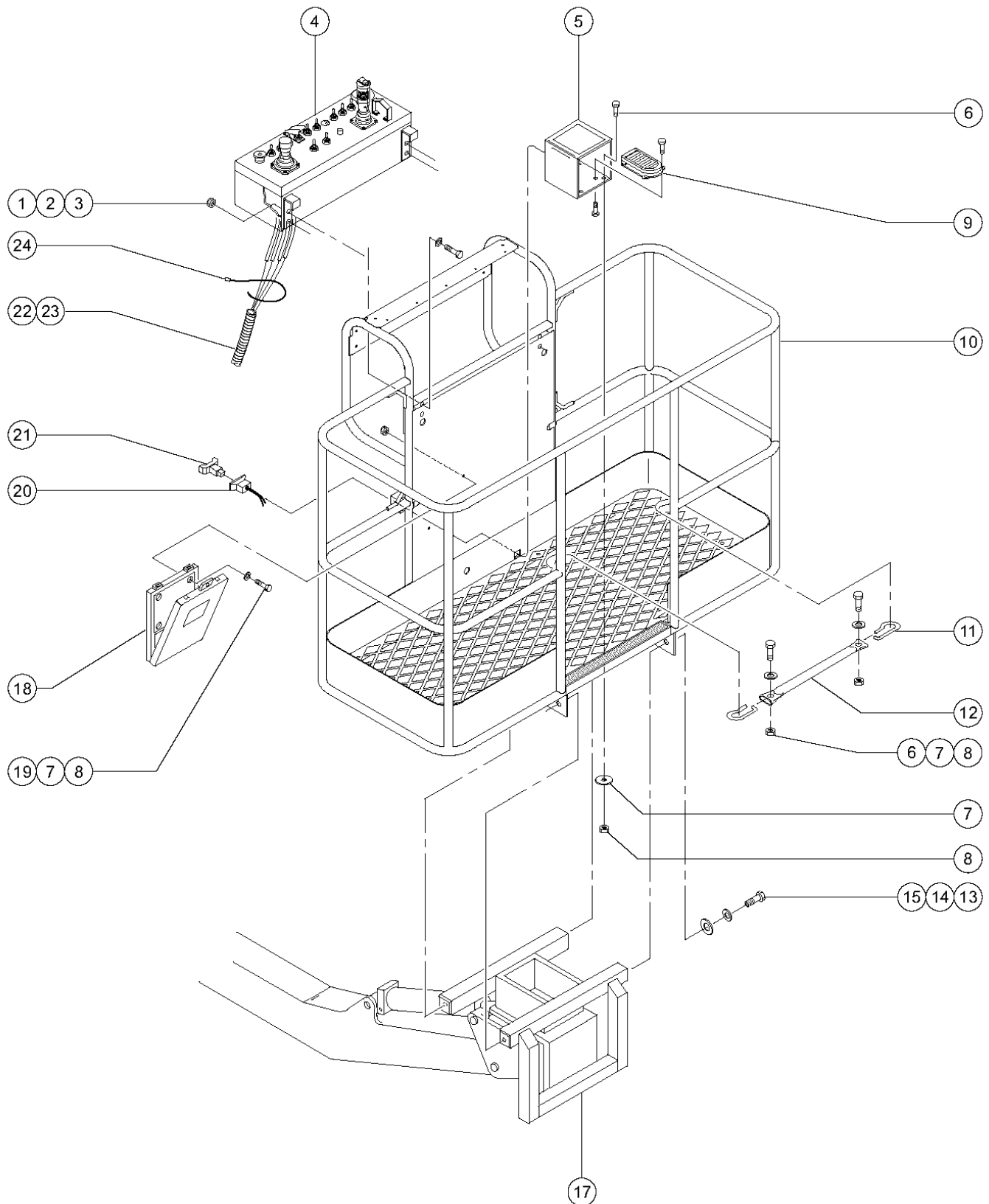
5: Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female JIC Swivel, 4-6 (Synflex 3903-04546) & Hose - 1/4"

Thermoplastic Medium Pressure (Synflex 3130-04)

6: 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)

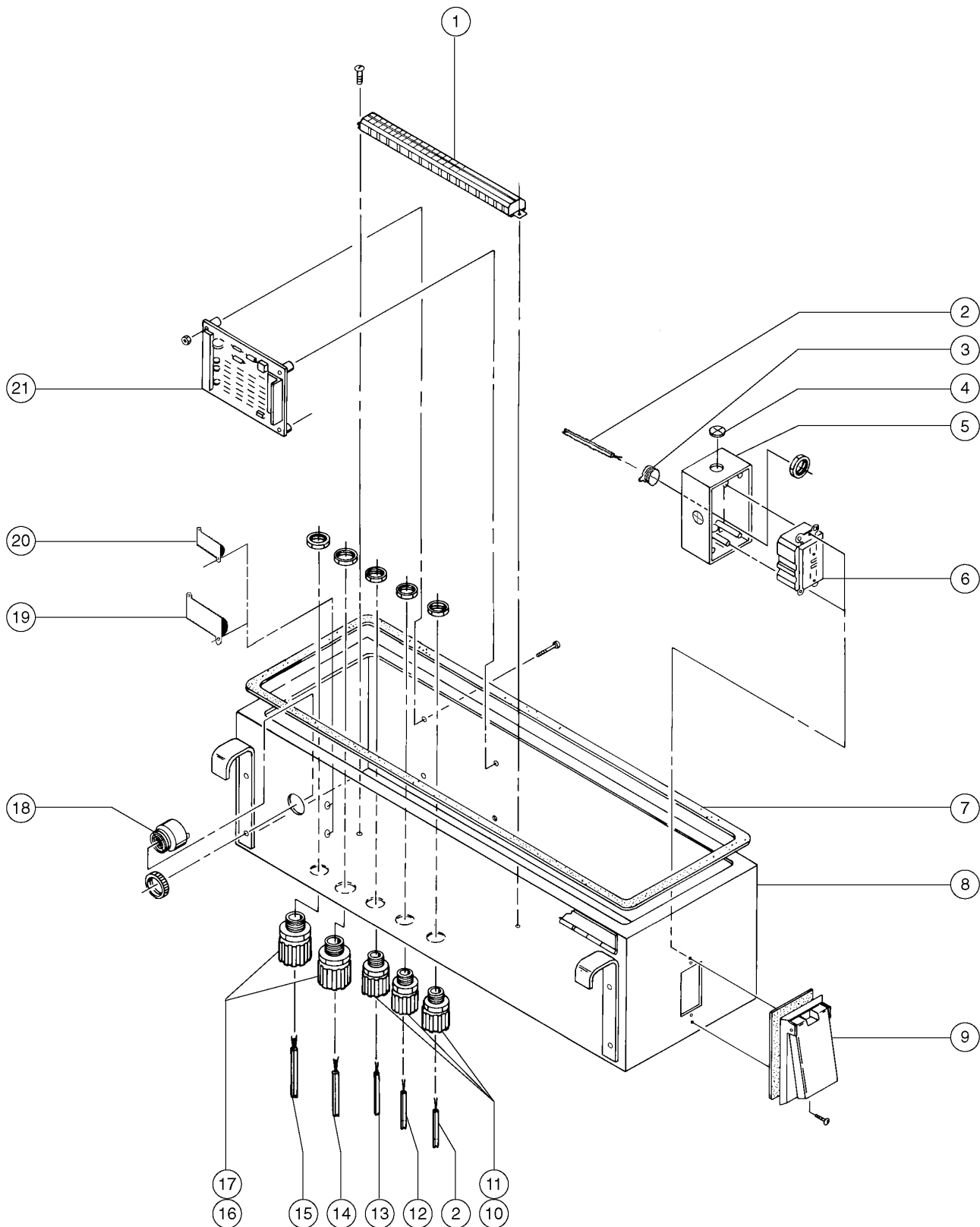
701.1 Platform



701.1 Platform

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	7713	NUT,LP NYLOCK,3/8-16.....	4	13	10597	SCREW,HHC,1/2-13 X 1.25 GR5.....	4
2	6097	WASHER,FLAT,USS,3/8",Y.....	4	14	6033	WASHER,LOCK,0.5".....	4
3	6888	SCREW,HHC,1/4-20 X 1.....	4	15	6095	WASHER,FLAT,USS,1/2",Y.....	4
4		Ref. Platform Controls.....	4	16	13840	FOOT SWITCH MOUNTING PLATE-6".....	1
		<i>refer to sections 702.1 and 703.1</i>		17		Ref. Platform Leveling and Rotation.....	1
5	32710	GUARD,FOOTSWITCH,W/DECAL STEEL.....	1			<i>refer to section 606.1</i>	
6	6888	SCREW,HHC,1/4-20 X 1.....	6	18	24514	BOX,INSTRUCTION STORAGE.....	1
7	12906	WASHER,FENDER,.25 X 1.25 X.062.....	10	19	6090	SCREW,HHC,1/4-20 X .75.....	4
8	6091	NUT,NYLOCK,1/4-20.....	10	20	22431	TERMINAL,ANDERSON,30A 12-16 GA.....	1
9	13482	FOOT SWITCH***.....	1	20	22432	ANDERSON HOUSING,15-45 AMP BLK.....	1
		<i>includes mounting fasteners</i>		20	22433	ANDERSON HOUSING,15-45,AMP,WHT.....	1
9	20262	MICROSWITCH,13482 FOOTSWITCH.....	1	20	22434	ANDERSON HOUSING,15-45 AMP RED.....	1
10	102992	SLIDING MIDRAIL KIT,PTD.....	1	20	29431	CONNECTOR ASSEMBLY,FOOTSWITCH.....	1
		<i>includes index numbers 6 through 8, 11 and 12</i>		20	45139	RECEPT.,SNAP-IN,4 POLE ANDERSN.....	1
10	147623	PLAT. ASSY W/DECALS,5'***.....	1	20	45200	SPACER,SHORT ANDERSON.....	1
		<i>includes index numbers 6 through 8, 11, 12, 18 and 19</i>		20	45202	PIN,ROLL,.094 X .875.....	1
10	32027	PLAT. ASSY W/DECALS,4'.....	1	21	22431	TERMINAL,ANDERSON,30A 12-16 GA.....	1
		<i>includes index numbers 6 through 8, 11, 12, 18 and 19</i>		21	22432	ANDERSON HOUSING,15-45 AMP BLK.....	1
10	32028	PLAT. ASSY W/DECALS,5'.....	1	21	22433	ANDERSON HOUSING,15-45,AMP,WHT.....	1
		<i>includes index numbers 6 through 8, 11, 12, 18 and 19</i>		21	22434	ANDERSON HOUSING,15-45 AMP RED.....	1
10	32029	PLAT. ASSY W/DECALS,6'-Z45.....	1	21	27527	WIRE ASSY,Z454WD FOOT SWITCH.....	1
		<i>includes index numbers 6 through 8, 11, 12, 18 and 19</i>		21	43956	WIRE CABLE,14/3 CON.TPE JKT*.....	1
10	32030	PLAT. ASSY W/DECALS,EURO,4'.....	1	21	45201	SPACER,LONG ANDERSON.....	1
		<i>includes index numbers 6 through 8, 11, 12, 18 and 19</i>		21	45202	PIN,ROLL,.094 X .875.....	1
10	32032	PLAT. ASSY W/DECALS,EURO,6'.....	1	21	45313	PLUG,W/LATCH,4 POLE,ANDERSON.....	1
		<i>includes index numbers 6 through 8, 11, 12, 18 and 19</i>		22	28131	WIRE LOOM,1.25 DIA.....	105-inches
10	54817P-S	TOEBOARD,PLTFM ENTRY EUR,PNTD*.....	1	23	28443	CABLE TIE,11.5" BLACK.....	5
11	12443P	MIDRAIL GUIDE,PAINTED**.....	2	24	6653	CLAMP,1.88,#30 X 1/4,RUB CUSH.....	4
11	20973	WIRE LOOM,3/8 POLY SLIT.....	2				
11	21121	CABLE TIE,4" BLK,HEAT RESISTNT.....	2				
12	12446-S	TUBE,STD SLIDING MIDRAIL,PAINT.....	2				

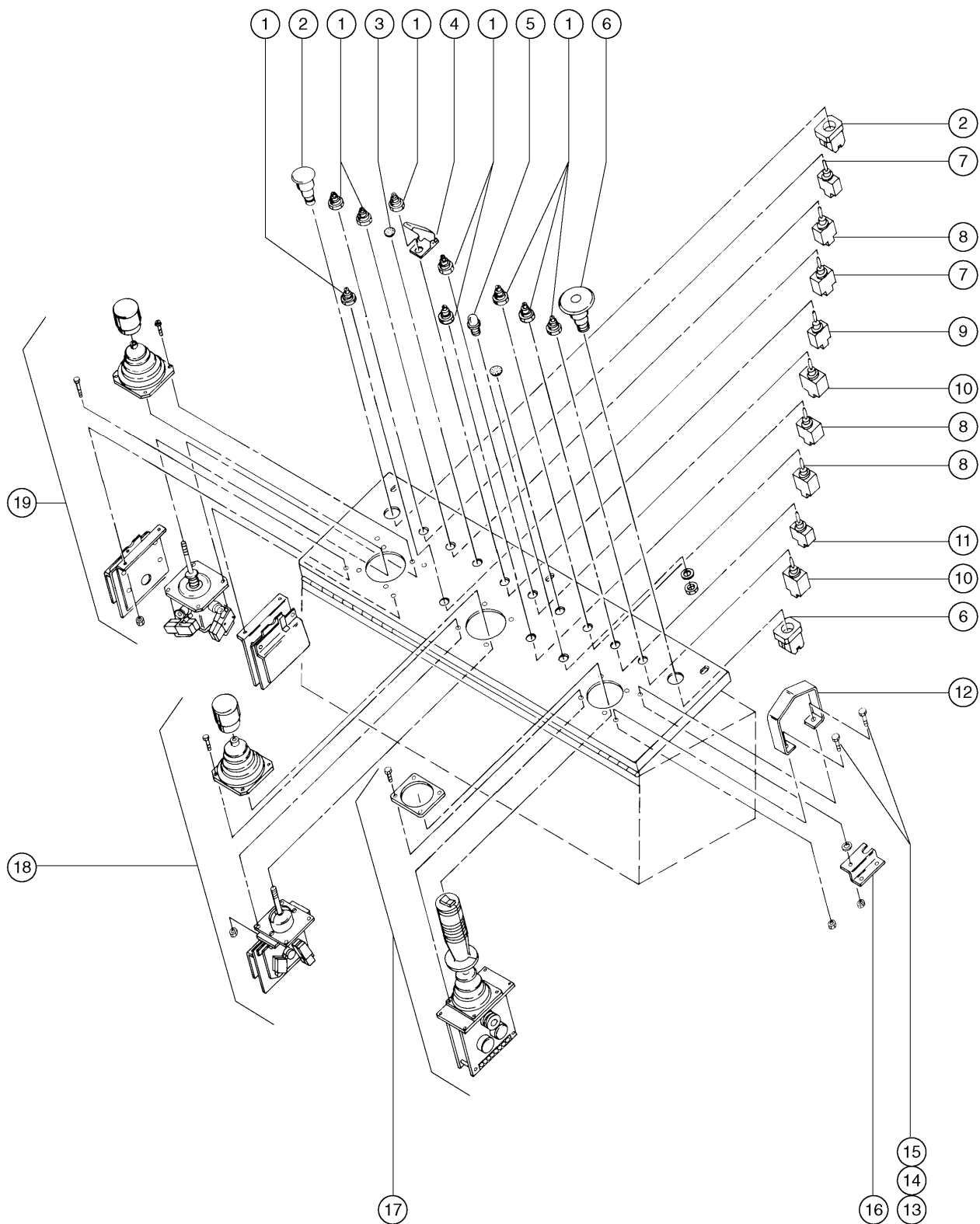
702.1 Platform Controls - View 1



702.1 Platform Controls - View 1

Item	Part No.	Description	Qty.
1	25836	TERMINAL BLOCK(SINGLE),WAGO***.....45	
2	43956	WIRE CABLE,14/3 CON.TPE JKT*.....780-inches	
3	6622	GROUND CONNECTOR,1/2".....1	
4	8843	COVER,KNOCK OUT HOLE,4 PER BAG.....3	
5	10775	T-BOX,2.75 X 4.5 X 2.0.....1	
6	13585	OUTLET,110V GFCI***.....1	
6	19975	RECEPTACLE - BRITISH, 110V.....1	
7	27115	GASKET,UPPER CONTROL BOX.....1	
8	32991	CONTROL BOX W/DECAL,PLAT.....1 <i>includes index number 7</i>	
9	45437	COVER,GFCI,WEATHERPROOF....1 <i>includes mounting fasteners</i>	
10	7056	CONN,SQUEEZE,1/2NPT .38-.50,SM.....3	
11	6935	LOCKNUT,ELEC,1/2".....3	
12	27527	WIRE ASSY,Z454WD FOOT SWITCH.....1	
13	30794	WIRE,12/3 SJEOW,BULK,BLK-WHT-G.780-inches	
14	35934	WIRE CABLE,18/19 CON.TPRJKT.....780-inches	
15	35934	WIRE CABLE,18/19 CON.TPRJKT.....780-inches	
16	12960	CABLE SQUEEZE CONN.,XTRA LRG.....2	
17	14041	LOCKNUT,ELECTRIC,3/4".....2	
18	45383	ALARM,WARBLE TONE 5-30 VDC***.....1 <i>order 72326 retainer nut separately</i>	
19	27116	RESISTOR,100 OHM,25 WATT.....1	
20	27117	RESISTOR,250 OHM,5 WATT.....1	
21	22052	LIMITER PC BOARD, HORSEPOWER.....1 <i>includes mounting fasteners</i>	
--	39591		

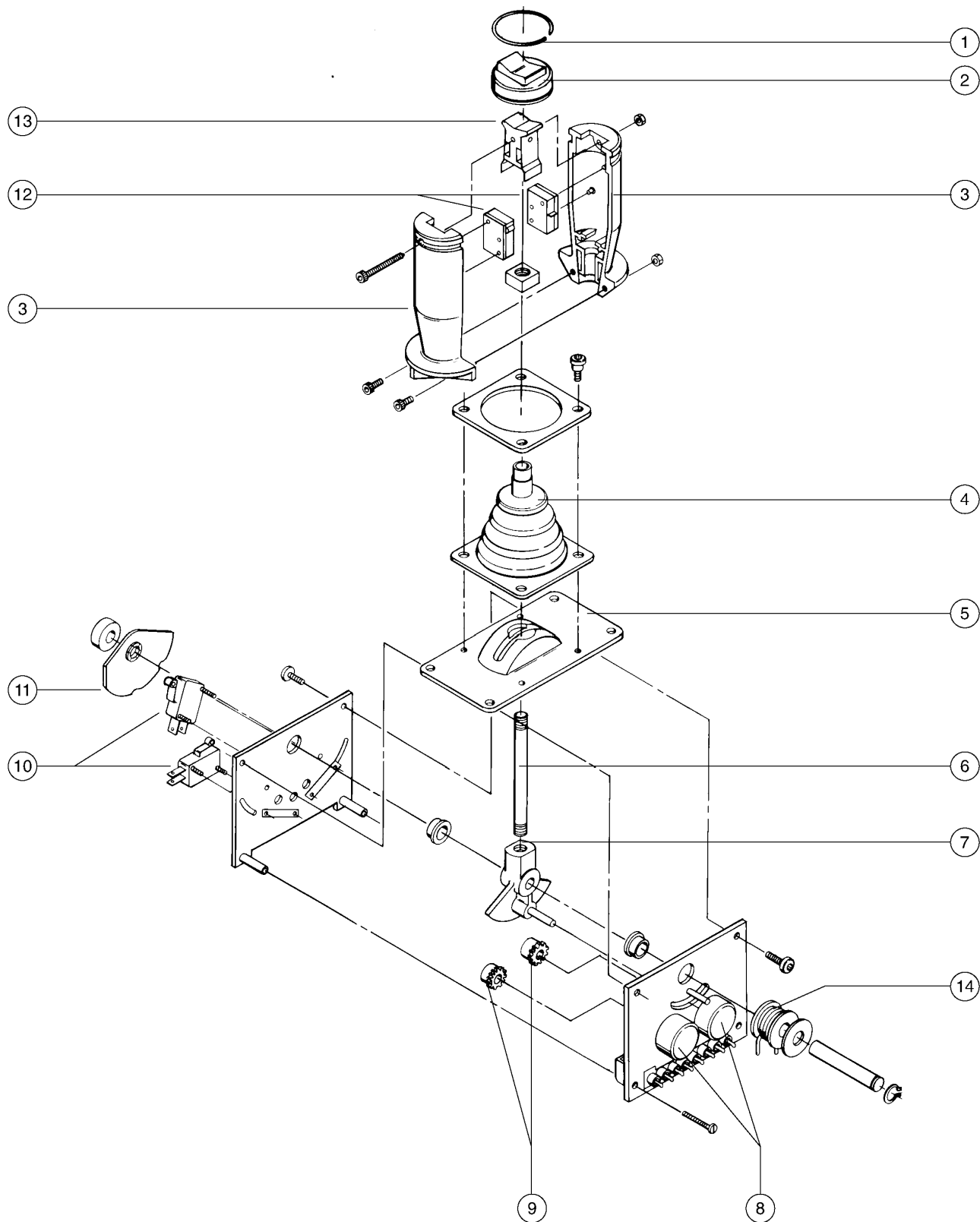
703.1 Platform Controls - View 2



703.1 Platform Controls - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	27246	BOOT,TOGGLE SWITCH,SHORT*.....	8	19		Ref., JOYSTICK CONTROLLER,12V.....	1
2	122513	KIT,HORN SVC BB&SM BOOM.....	1			<i>refer to 706.1</i>	
--	66813	BUTTON,PUSH,BLACK W/SEAL ***.....	1				
--	66815	BASE, W/1 N.O. CONTACTS***.....	1				
--	66816	CONTACT,N.O.....	1				
3	45384	PLUG,NYLON .50 BLACK DOMED.....	2				
4	13471	COVER, AUXILIARY POWER SWITCH.....	1				
5	56298	LIGHT,INDICATOR,RED,14V.....	1				
6	122514	KIT,ESTOP SVC BB&SM BOOM.....	1				
--	66812	BUTTON,PUSH,RED MUSHROOM HEAD.....	1				
--	66818	CONTACT,NC.....	1				
--	66821	BASE,WITHOUT CONTACTS.....	1				
7	16397-S	SWITCH,TOGGLE,DPDT,3POS MOMEN.....	2				
		<i>includes mounting fasteners</i>					
8	13037-S	SWITCH,TOGGLE,SPDT,3POS MOMEN*.....	3				
		<i>includes mounting fasteners</i>					
9	13480-S	SWITCH,TOGGLE,DPDT,2POS MOMEN.....	1				
		<i>includes mounting fasteners</i>					
10	128205	SWITCH TOGGLE ASSY DPDT 2P MNT.....	2				
		<i>(replaced 27378-S)</i>					
11	13038-S	SWITCH,TOGGLE,DPDT,3POS MAINT.....	1				
		<i>includes mounting fasteners</i>					
12	27033P	SUPPORT,WRIST,PAINTED-BLUE..	1				
13	8914	SCREW,HHC,1/4-20 X .625.....	2				
14	6638	WASHER,FLAT,USS,1/4"Y.....	2				
15	6091	NUT,NYLOCK,1/4-20.....	2				
16	54525	BRACKET-PANEL-WIRE MOUNTING 99.....	1				
17		Ref., JOYSTICK CONTROLLER,12V.....	1				
		<i>refer to 704.1</i>					
18		Ref., JOYSTICK CONTROLLER,12V.....	1				
		<i>refer to 705.1</i>					

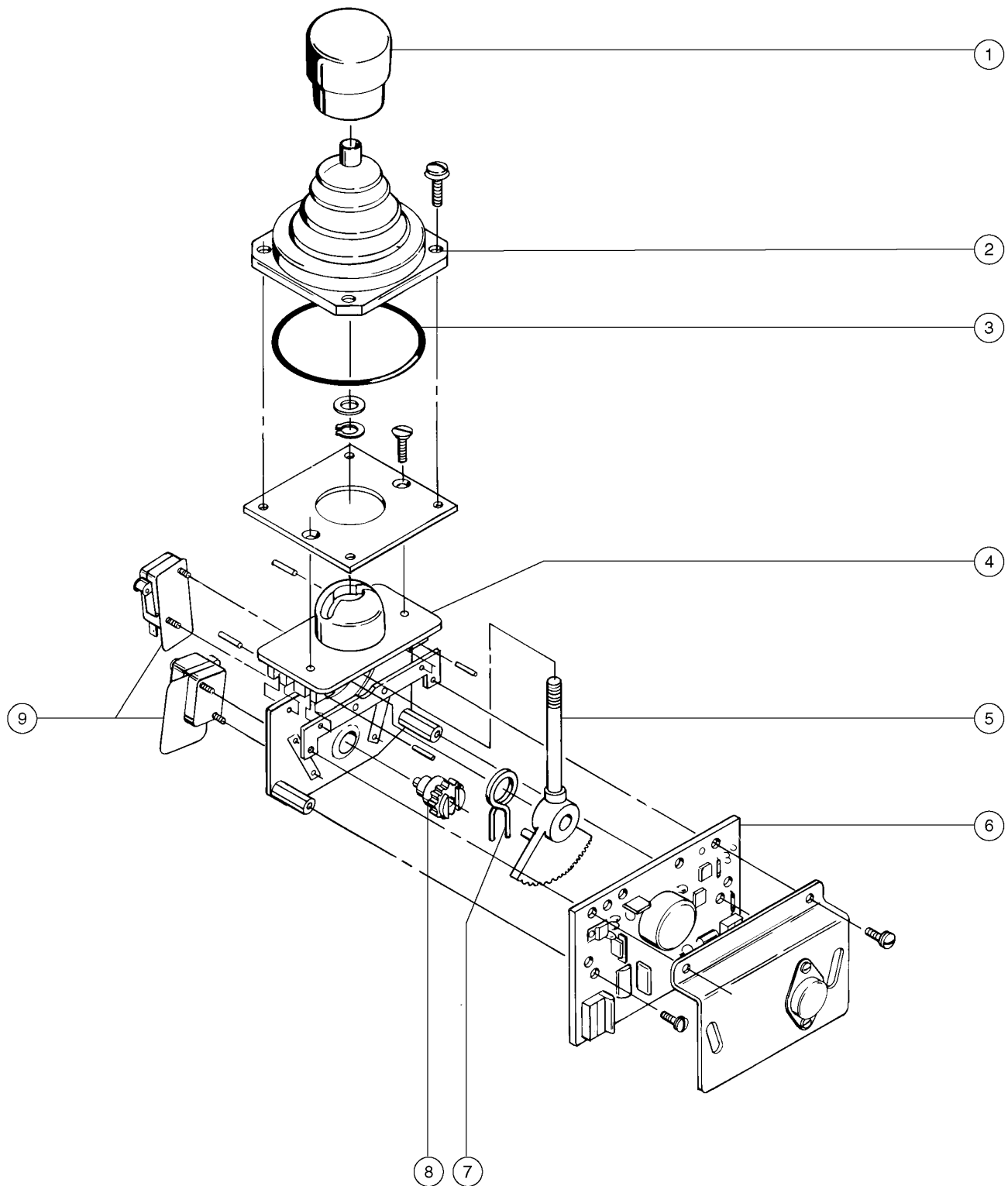
704.1 Joystick Controller - Drive/Steer



704.1 Joystick Controller - Drive/Steer

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 <i>order qty (2) required</i>
--	49887	NUT & BOLT KIT (25883).....	1
--	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
14	58209	SPRING,RETURN***.....	1

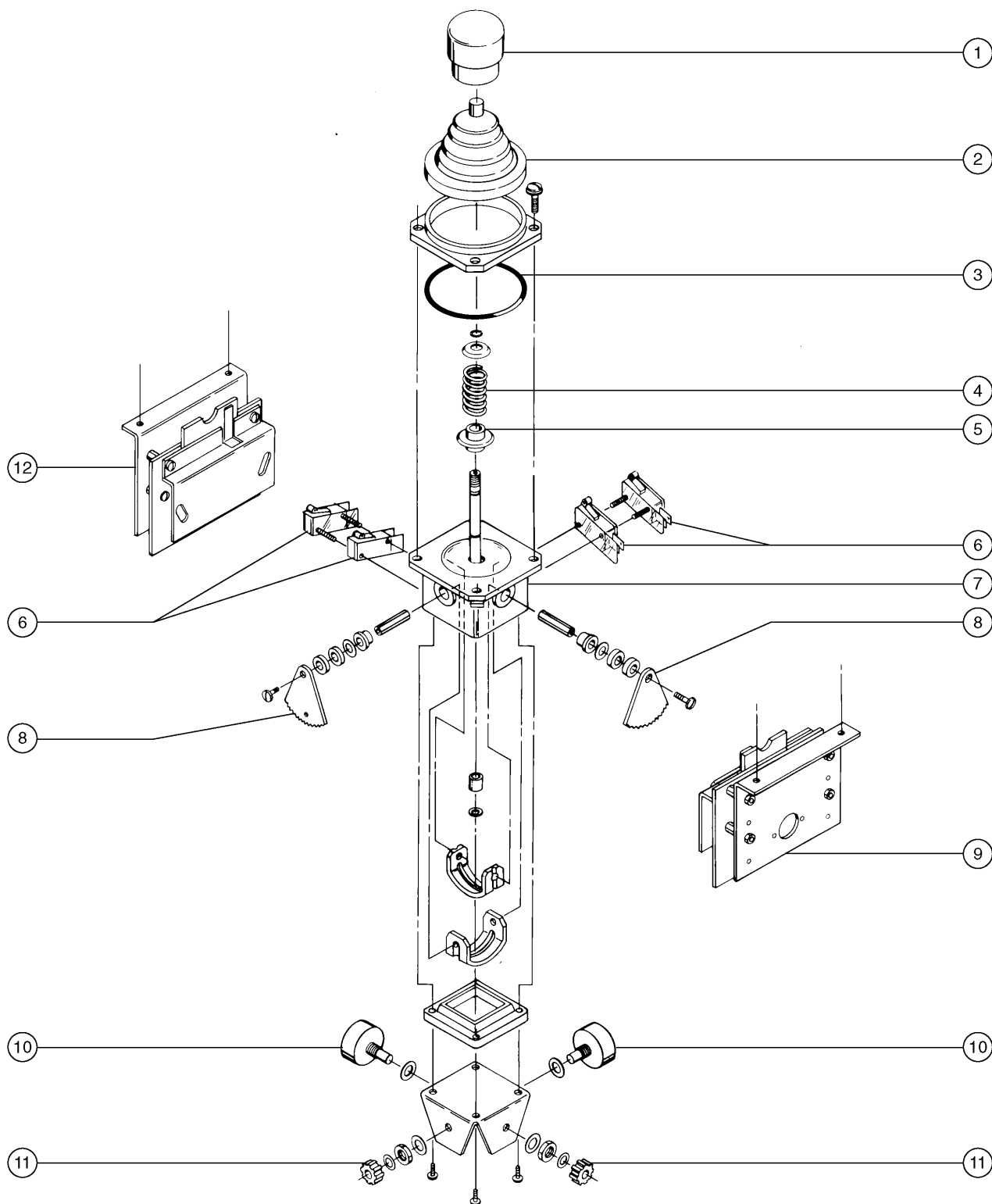
705.1 Joystick Controller - Boom Functions, Single Axis



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	19718	POTENTIOMETER,45049.....	1
6	27524	PCB,ASSY,24495.....	1
7	21434	SPRING & BUSHING KIT,RETURN***	1
8	19731	GEAR, SLAVE, MS4,45048.....	1
9	19712	MICROSWITCH,V3L-139-D8.....	2

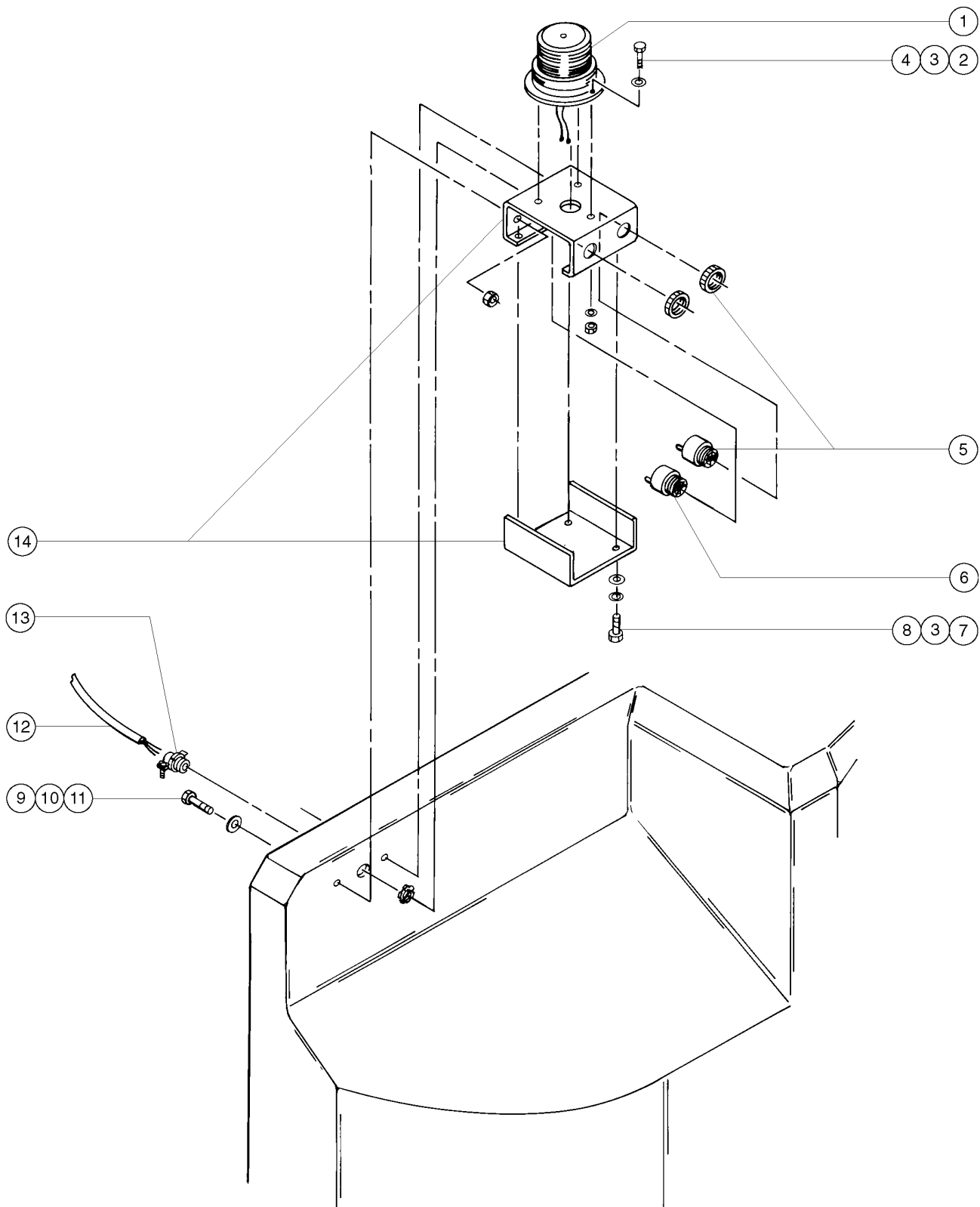
706.1 Joystick Controller - Boom Functions, Dual Axis



706.1 Joystick Controller - Boom Functions, Dual Axis

Item	Part No.	Description	Qty.
--	53073H	JOYSTICK,MULT AXIS CONT <i>aftermarket joystick replacement</i>	
--	53073	JOYSTICK,MULT AXIS CONT,OEM*** <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
8A	58477	SHAFT (52587)***.....	2
9	52586	PCB,11179AB, (SWING)***.....	1
10	19718	POTENTIOMETER,45049.....	2
11	27514	GEAR, SLAVE, 24493.....	2
12	52585	PCB,11179CD,(LIFT)***.....	1

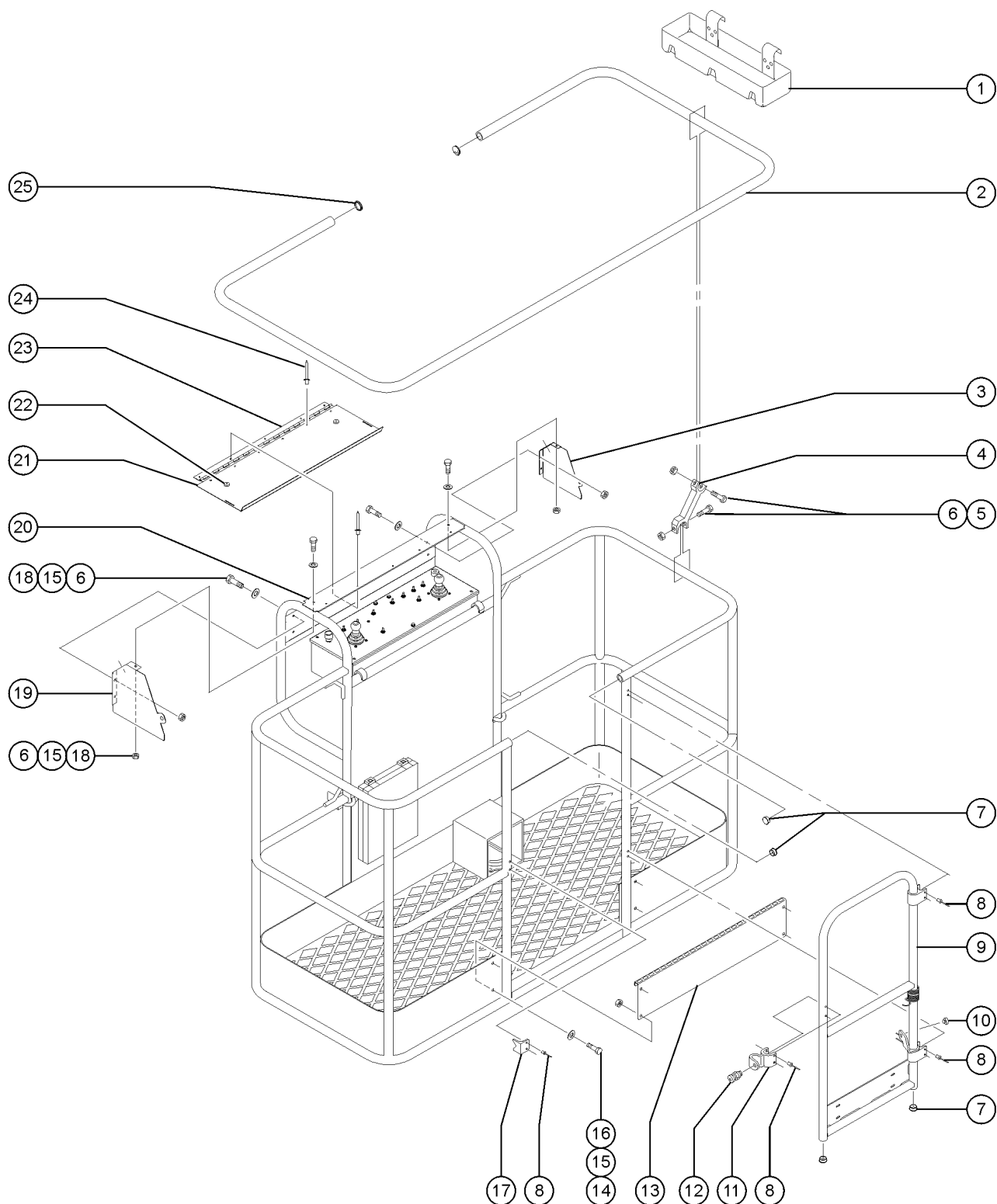
801.1 Alarm and Beacon Package



801.1 Alarm and Beacon Package

Item	Part No.	Description	Qty.
--	27519	ALARM PACKAGE,Z45	
1	56704	STROBE,FIREBOLT,12-80VDC,AMB** <i>(replaced 20189)</i>	2
--	122019	FLASHTUBE,U SHAPED,360DEG,BULB	
--	226393	FLASHTUBE,STRAIGHT,360DEG,BULB	
--	72282	LENS,AMBER,STROBE,FIREBOLT	
2	5094	SCREW,RHM,10-32 X .5.....	3
3	6607	WASHER,LOCK,#10 PLTD.....	7
4	15513	NUT,HEX,10-32.....	3
5	45462	ALARM,CHIME TONE 5-25VDC***..... <i>Does not include 72326 nut</i>	1
--	72326	NUT - PLASTIC,RING FOR ALARMS	
6	18963	ALARM.INTERMITTENT TONE.24V..... <i>Does not include 72326 nut</i>	1
--	72326	NUT - PLASTIC,RING FOR ALARMS	
7	6147	SCREW,RHM,10-32 X 1.....	4
8	6146	WASHER,FLAT,MS,#10,Y.....	6
9	6888	SCREW,HHC,1/4-20 X 1.....	2
10	6638	WASHER,FLAT,USS,1/4"Y.....	2
11	6889	NUT,LP NYLOCK,1/4-20.....	2
12	6562	WIRE CABLE,16/4 SJO,BULK.....	156-inches
13	6622	GROUND CONNECTOR,1/2".....	1
14	29432	BRACKET,STROBE/ALARM MOUNT.....	1

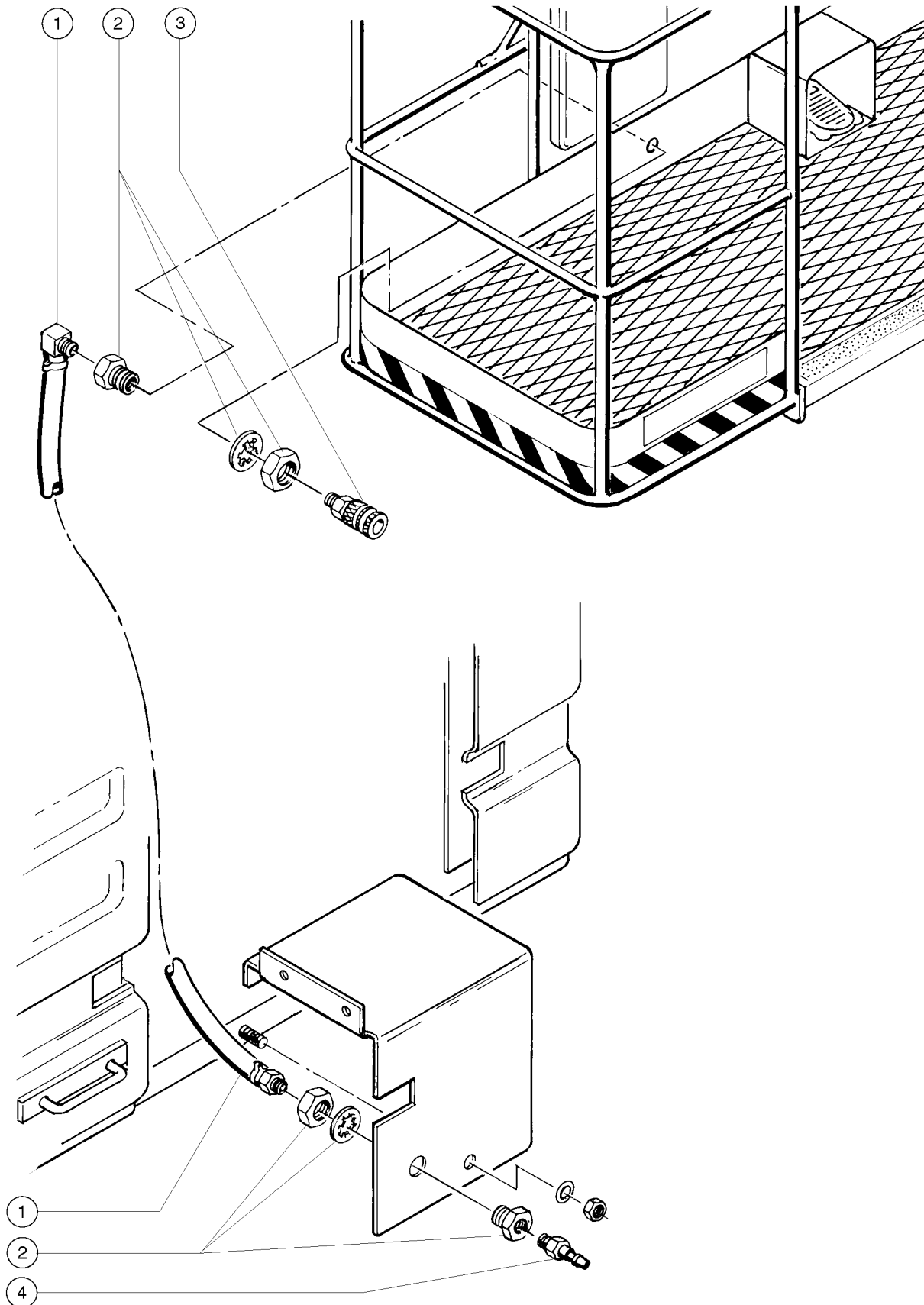
802.1 Platform Options



802.1 Platform Options

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	9599-S	TOOL TRAY ACCESSORY***.....	1	22	43392	BUMPER,BATTERY BOX & RAILS	
2	28329	RAILING,PINCH GAURD,4 FT.....	1	23	111526	HINGE,PLAT CONTROL BOX COVER	
--	28327	RAILING,PINCH GUARD,6 FT.**.....	1	24	54486	RIVET,ALUM,ALUM,3/16BUTTONHEAD	
--	28328	RAILING,PINCH GAURD,5 FT. <i>includes 2 each index number 31</i>		25	55753	BUMPER, PLASTIC, 1.25 O.D.....	2
3	119797	CONTROL BOX COVER, RIGHT SIDE*					
4	28807	SUPPORT,RAILING.....	10				
5	4266	SCREW,HHC,1/4-20 X 2.....	20				
6	6889	NUT,LP NYLOCK,1/4-20.....	20				
7	31120	PLUG,NYLON 1.187 BLACK DOMED.....	4				
8	7265	RIVET,STEEL,P, .25 X .375.....	14				
9	119950	KIT,FIELD INSTALL,SWING GATE.....	1				
--	128368	KIT,SWING GATE W/SPRING <i>includes items 8,11-12,17</i>					
--	9596	HINGE CASTING					
10	43392	BUMPER,BATTERY BOX & RAILS.....	1				
11	1487	GATE LATCH CASTING--DRILLED.....	1				
12	12161	SNAP PIN,(RD.NOSE)-GATE LATCH.....	1				
13	54817P-S	TOEBOARD,PLTFM ENTRY EUR,PNTD*.....	1				
14	8915	SCREW,HHC,1/4-20 X 1.25.....	4				
15	6638	WASHER,FLAT,USS,1/4"Y.....	4				
16	6091	NUT,NYLOCK,1/4-20.....	6				
17	1488	RAILING CATCH CASTING--DRILLED.....	1				
18	6090	SCREW,HHC,1/4-20 X .75.....	2				
19	119796	CONTROL BOX COVER,LEFT SIDE**					
20	119562P	GUARD,PLATFORM CNTRL PANEL PTD					
--	119642	KIT,PLAT CONTROL PANEL GUARD** <i>includes part 119562P, required for first time installation</i>					
21	89915P	COVER,CONTROL BOX LID					
--	119795	KIT,CONTROL BOX COVER <i>includes part 89915P, index number 20 is required for first time installation</i>					

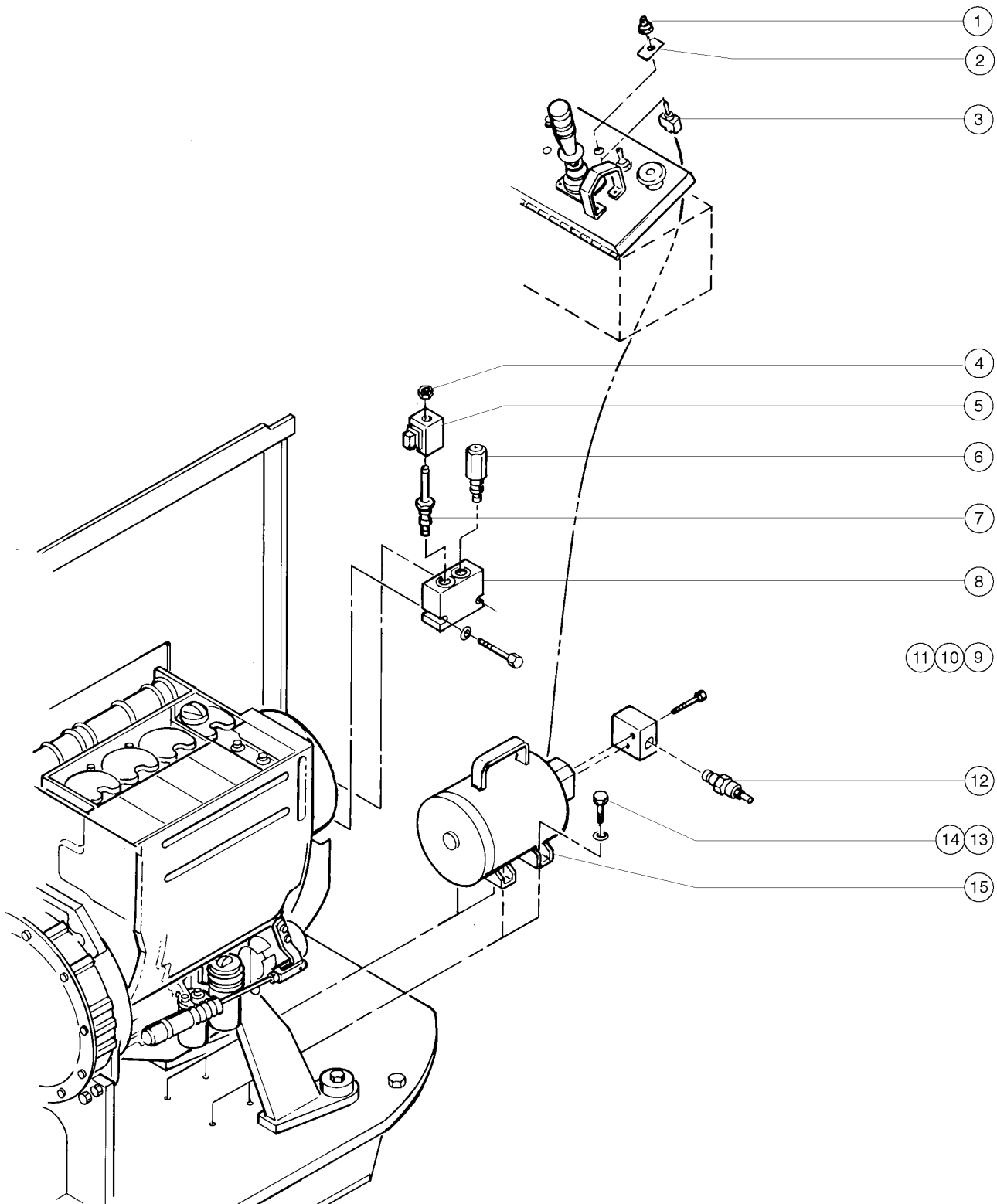
803.1 Airline to Platform



803.1 Airline to Platform

Item	Part No.	Description	Qty.
--	27890	KIT,FITTING,AIRLINE TO PLATFRM	
1	27905	HOSE ASSY,AIRLINE TO PLATFORM.....	1
2	29000	Fitting - Female Bulkhead Adapter, 10 MPT	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

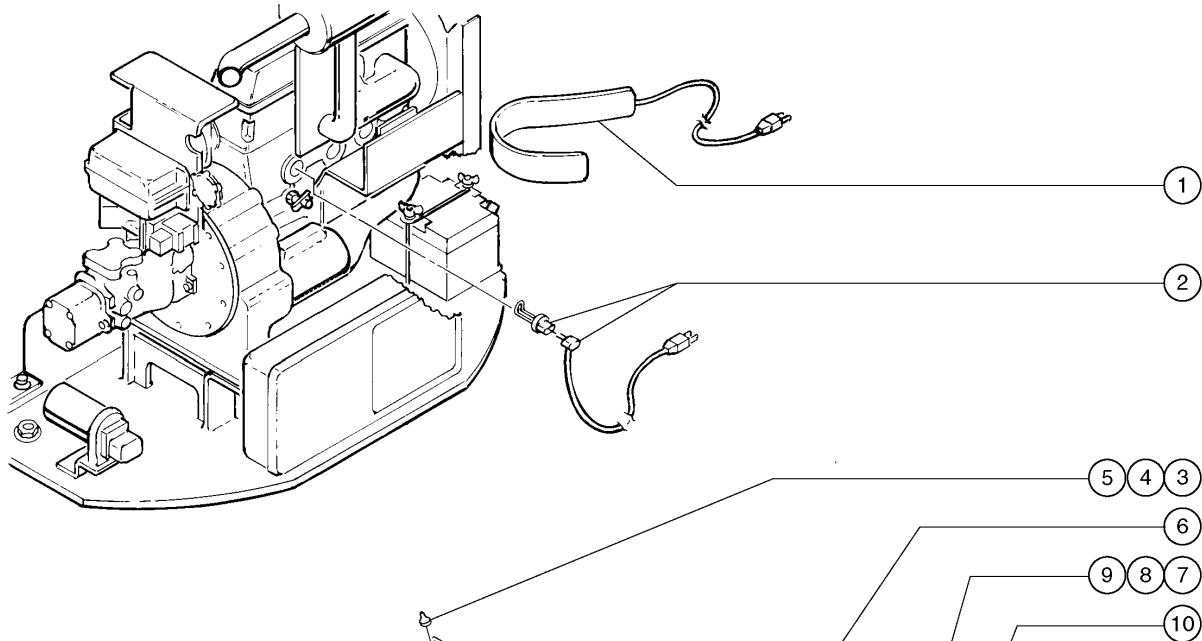


804.1 2000 Watt Generator

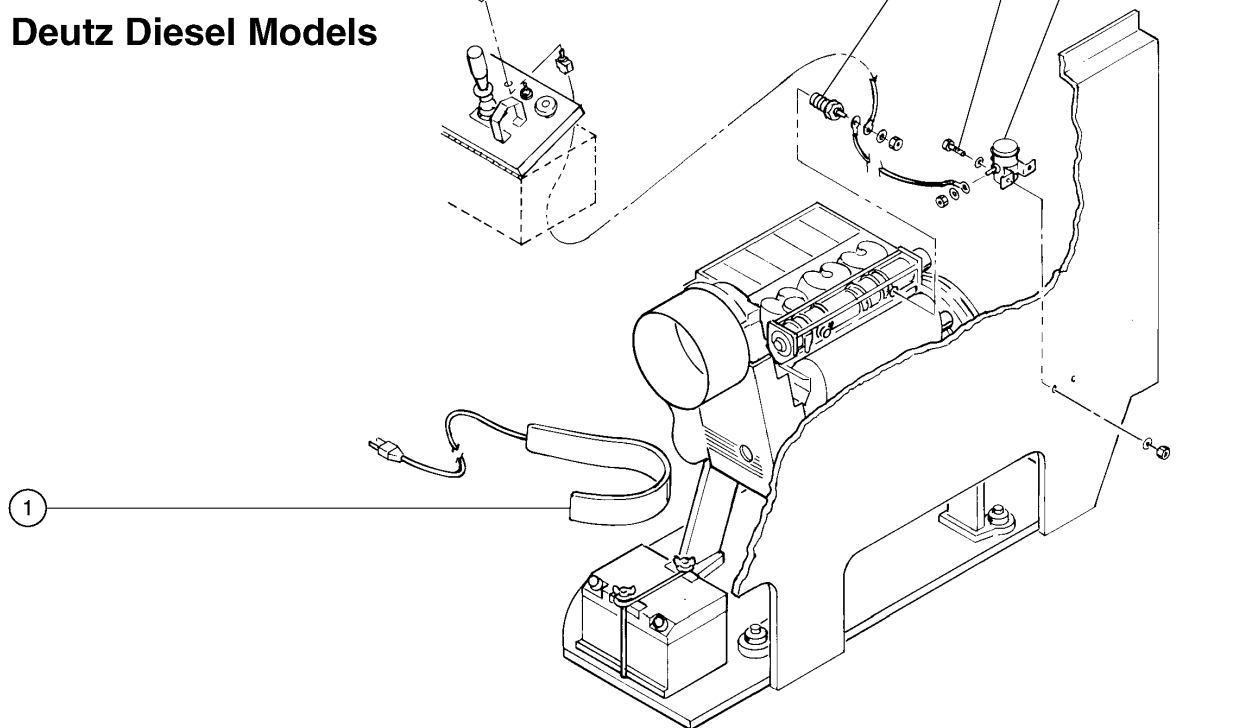
Item	Part No.	Description	Qty.
--	28673	OPTION,2000W HYD GENERATOR Z45	
1	27246	BOOT,TOGGLE SWITCH,SHORT*.....1	1
2	28841	DECAL,AC GENERATOR.....1	1
3	128205	SWITCH TOGGLE ASSY DPDT 2P MNT.....1 (replaced 27378-S)	1
4	45912	NUT,SOLENOID,2POS 3WAY.....1	1
5	22813	COIL,12V.19970,19971.....1	1
6	31753	VALVE,PRESSURE REDUCING.....1	1
7	19970	VALVE,SOLENOID (18660).....1 includes index numbers 4 and 5	1
8	28675	MANIFOLD,ASSY,GENERATOR.....1 includes index numbers 4 through 7	1
9	4266	SCREW,HHC,1/4-20 X 2.....2	2
10	6638	WASHER,FLAT,USS,1/4"Y.....4	4
11	6091	NUT,NYLOCK,1/4-20.....2	2
12	32735	VALVE,PRI. FLOW REG 4.3.....1	1
13	6888	SCREW,HHC,1/4-20 X 1.....4	4
14	6356	WASHER,LOCK,.25.....4	4
15	32732	RECTIFIER ASSEMBLY.....1	1
15	32734	BRUSH ASSEMBLY.....1	1
15	32736	MOTOR,HYDRAULIC GENERATOR.....1	1
15	58301	GENERATOR,2000W,HYDRAULIC***.1 includes index number 12	1
15	58402	BRIDGE,50A FULL WAVE**.....1	1

805.1 Cold Start Package - Ford & Deutz Engines

Gasoline/LPG Models



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

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

Fitting Cross References (Continued)

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

Fitting Cross References (Continued)

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

Fitting Cross References (Continued)

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

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
53535	3-912	O-RING, STRAIGHT THREAD, -12	61083	24 F5OLO-S	CONNECTOR, STRAIGHT THREAD TO ORFS
53536	4-PNLO-S	PLUG, TUBE END, ORFS	61086	20 R5OLO-S	RUN TEE, STRAIGHT THREAD
53537	6 PNLO-S	PLUG, TUBE END, ORFS	61090	24-20 F5OLO-S	CONNECTOR, STRAIGHT THREAD TO ORFS
53538	8 PNLO-S	PLUG, TUBE END, ORFS	61091	1J943 24-24	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
53539	10 PNLO-S	PLUG, TUBE END, ORFS	61093	1J978-12-12	HOSE END, 90° FEMALE SWIVEL, JIC
53540	12 PNLO-S	PLUG, TUBE END, ORFS	61095	1JS43-20-16	HOSE END, FEMALE SWIVEL, SEAL LOK
53946	129HB-5-4	FITTING, 90° HOSE BARB TO MALE PIPE	61100	811-24	HOSE, 1 1/2 INCH ID
53951	8-1/4F50G-S	ADAPTER, FEMALE PIPE TO STRAIGHT THREAD	61130	1JS43-24-24	HOSE END, FEMALE SWIVEL, SEAL LOK
53980	6 S6LO-S	BRANCH TEE, SWIVEL NUT TO ORFS	61131	1JS78 12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
54132	4 C6LO-S	ELBOW, 90°, SWIVEL NUT ORFS	61132	1J778-12-12	HOSE END, 45° FEMALE SWIVEL, JIC
54135	11343-16-16	HOSE END, MALE SWIVEL, PIPE	61152	139HB-6-4	ELBOW, 45°, BARB TO MALE PIPE
54283	8-10 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS	61251	BV-0750	BALL VALVE
54428	8M18C870MLO-S	ELBOW, 90° METRIC, STRAIGHT THREAD TO ORFS	61259	4 CC5OLO-S	ELBOW, 90° LONG, STRAIGHT THREAD TO ORFS
54803	FS-F-16-10	SLEEVE, FIRE, .96" ID	61260	20-12 TRLO-BL	REDUCER, TUBE END TO SWIVEL, ORFS
54954	10143-2-4	HOSE END, MALE PIPE	61262	12 C6LO-S	ELBOW, 90°, SWIVEL NUT ORFS
55190	3/8 HP-S	PLUG, PIPE THREAD	61263	20 F5OHAO-S	UNION, STRAIGHT THREAD
55448	8 HLO-S	UNION, ORFS	61264	6-10 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS
55839	6 F65OX-S	CONNECTOR, STRAIGHT THREAD TO 37° SWIVEL	61265	6 WNLO-WLNL-S	UNION, BULKHEAD 45°, ORFS
55968	10 C5OX-S	ELBOW, 90°, STRAIGHT THREAD TO FLARE TUBE	61268	4 WNLO-WLNL-S	UNION, BULKHEAD 45°, ORFS
56003	6 CC5OLO-S	ELBOW, 90° LONG, STRAIGHT THREAD TO ORFS	61269	4 WLO-WLNL-S	UNION, BULKHEAD, ORFS
56166	BV-0837	BALL VALVE, 90°	61272	12 AOEL6	ELBOW, 90°, STRAIGHT THREAD TO ORFS SWIVEL
56188	10143-8-6	HOSE END, MALE PIPE	61316	482TC-16	HOSE, 1 INCH ID
56233	2-011	O-RING, ORFS, -4	61321	6 JLO-S	UNION TEE, ORFS
56234	2-012	O-RING, ORFS, -6	61327	782-12	HOSE, 3/4 INCH ID
56235	2-014	O-RING, ORFS, -8	61328	881-24	HOSE, 1 1/2 INCH ID
56236	2-016	O-RING, ORFS, -10	61336	11943-20-24	HOSE END, 90° FLANGE HEAD
56237	2-018	O-RING, ORFS, -12	61345	12 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
83064	13743-8-8	HOSE END,45° FEMALE SWIVEL,JIC
83065	13743-12-12	HOSE END,45° FEMALE SWIVEL,JIC
83066	13943-8-8	HOSE END,90° FEMALE SWIVEL,JIC
83067	14143-6-6	HOSE END,90° FEMALE SWIVEL,JIC
83068	14143-8-8	HOSE END,90° FEMALE SWIVEL,JIC
83069	14143-12-12	HOSE END,90° FEMALE SWIVEL,JIC
83070	772-8	HOSE,1/2 INCH ID
83071	10671-8-8	HOSE END,FEMALE SWIVEL,JIC
83072	10671-12-12	HOSE END,FEMALE SWIVEL,JIC
83073	13771-8-8	HOSE END,45° FEMALE SWIVEL,JIC
83074	13771-12-12	HOSE END,45° FEMALE SWIVEL,JIC
83075	13971-8-8	HOSE END,90° FEMALE SWIVEL,JIC
83076	13971-12-12	HOSE END,90° FEMALE SWIVEL,JIC
83077	14171-8-8	HOSE END,90° FEMALE SWIVEL,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 HP50N-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

Genie PN	Parker PN	Description
89449	6 WJJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
89489	4 WJMLO-S	BRANCH TEE,BULKHEAD,ORFS
89551	1JB43-6-6	HOSE END,BULKHEAD,SEAL LOK
89552	1JB43-8-8	HOSE END,BULKHEAD,SEAL LOK
89593	20 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
94161	8-8 CLO-S	ELBOW,90°,MALE PIPE TO ORFS
94358	351TC-12	HOSE,3/4 INCH ID
94418	20 FLO-S	CONNECTOR,MALE PIPE TO ORFS
96358	12 TX-S	SLEEVE,FLARE TUBE
96359	12 BTX-S	NUT,FLARE TUBE
96397	8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
96398	12-8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
96402	10343-6-6	HOSE END,MALE,JIC
96407	30382-6-6B	HOSE END,MALE,JIC

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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