



A TEREX BRAND

Parts Manual

Serial Number Range

S-60

from SN 2575 to 9153

S-65

Part No. 48411

Rev G37

April 2017

Technical Publications

Genie has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

Contact Us:

Internet: www.genielift.com
 e-mail: awp.techpub@terex.com

Find a Manual for this Model

Go to <http://www.genielift.com>

Use the links to locate Operator's, Parts, Maintenance, and Service and Repair Manuals.

Manuals


Genie Industries offers the following support documents for these models:

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

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 Second Edition, Fifth Printing

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A TEREX BRAND

Model: S-60

Serial number: S6001-12345

Model year: 2001 **Manufacture date:** 04/12/01

Electrical schematic number: E0186

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

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

Maximum number of platform occupants: 2

Maximum allowable side force : 150 lb / 670 N

Maximum allowable inclination of the chassis:

Air Tires 2 deg / Foam Tires 4.5 deg

Maximum wind speed : 28 mph/ 12.5 m/s

Maximum platform height : 60 ft 2 in/ 18.3 m

Maximum platform reach : 50 ft 4 in/ 15.3 m

Gradeability: 45%

Country of manufacture: USA

This machine complies with:

ANSI A92.5

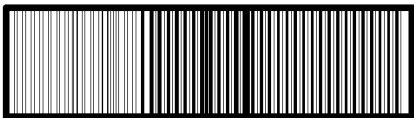
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Terex South Dakota, Inc.

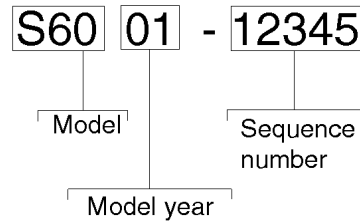
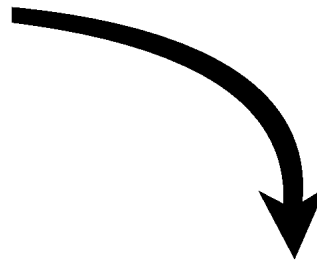
18340 NE 76th Street

Redmond, WA 98052

USA



11111111



Serial label
(located under cover)

Serial number
stamped on chassis

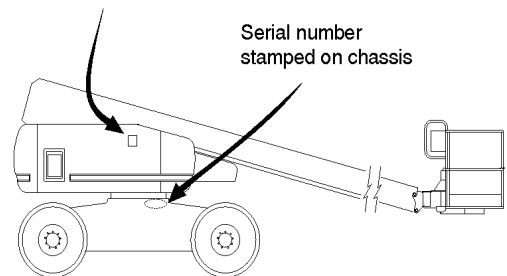


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How To Use This List

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

Group A parts are required to perform maintenance procedures as outlined in the *Genie S-60 and Genie S-65 Service Manual*.

Group B parts solve 75% of machine troubleshooting issues.

Group C parts affect the safe operation of the machine.

Group D parts are common replacement items.

Group A

Part No.	Description	Qty.
49612	Plug and Cap Kit (for ORFS fittings).....	1
46014	Filter Element, 6 Micron Fiberglass.....	5
62421	Filter - Fuel (Perkins models).....	5
63463	Filter - Air (Perkins models).....	2
62420	Element - Air Filter (Perkins models).....	5
20880	Filter - Hydraulic, Medium Pressure.....	5
33971	Filter - Fuel (Gasoline/LPG models).....	5
28656	Filter - Engine Oil (Gasoline/LPG models).....	5
49924	Filter - Engine Oil (Deutz Diesel models).....	5
29560	Filter - Fuel (Deutz Diesel models).....	5
27916	Element - Air Filter.....	5
28647	Spark Plug (Gasoline/LPG models).....	4
33961	Serpentine Belt (Gasoline/LPG models).....	1
33957	Valve - PCV (Gasoline/LPG models).....	1
32698	V-Belt (Deutz Diesel models).....	1
65490	Belt - Fan (Perkins models).....	1

Group B

Part No.	Description	Qty.
28750	O-Ring Kit (valves).....	1
49613	O-Ring Kit (for ORFS fittings).....	1
65517	Seal Kit - Steering Cylinder.....	1
63350	Seal Kit - Master & Slave Cylinders.....	1
63340	Seal Kit - Extension Cylinder, Primary End.....	1
63341	Seal Kit - Extension Cylinder, Platform End.....	1
33440	Seal Kit, 73:1 Drive Hub.....	1
29291	Seal Kit - Mico Brake.....	1
33444	Seal Kit - Drive Motor (2WD models).....	1
65865	Seal Kit - Drive Motor (4WD models).....	1
29739	Seal Kit - Drive Pump.....	1
49528	Seal Kit - Hydraulic Rotary Coupler.....	1
33930	Seal Kit - Platform Rotator.....	1
34052	Relay - SPDT, 12V.....	1
21982	Key - Ignition.....	5
16397	Switch - Toggle, DPDT.....	1
13037	Switch - Toggle, SPDT.....	1
13480	Switch - Toggle, DPDT, 2 Position, Momentary.....	1
27378	Switch - Toggle, DPDT, 2 Position, Maintained.....	1
45827	Solenoid - Fuel Shutoff, 12V DC (Gas/LPG).....	1
43181	Capacitor - Time Delay (S-65 models).....	1
27155	Solenoid, 12V DC Continuous.....	1
24018	Circuit Breaker, 15A.....	1
19274	Relay - SPDT, 12V (S-65 models).....	1
33954	Wire Set - Spark Plugs.....	1
33967	Ignition Start Module (Gasoline/LPG models).....	1
45782	Diode, 6A.....	10
45081	Contact - N.O.....	2
29073	Solenoid (Deutz Diesel models).....	1
29732	Contact - N.C.....	2

Group C

Part No.	Description	Qty.
43648	Operator's Manual.....	5
52056	Decal Kit - Safety/Instructional, Gasoline/LPG.....	1
46200	Decal Kit - Safety/Instructional, Diesel.....	1
41769	Valve - D03, 10V DC.....	1
27801	Valve - Proportional Solenoid, 12V.....	1
27804	Valve - Differential Sensing, 150 psi (12 bar).....	1
33428	Valve - Counterbalance.....	1
32722	Valve - Counterbalance.....	1
33438	Valve - Counterbalance.....	1
40134	Valve - Sequence.....	1
36188	Valve - Counterbalance.....	2
36207	Valve - Counterbalance.....	1
43169	Valve - Counterbalance.....	1
29066	Valve - Solenoid, 10V DC.....	2
44586	Level Sensor.....	1
19491	Contact - Limit Switch.....	1
25050	Limit Switch - with Roller Arm.....	1
19270	Alarm - Warble Tone.....	1
32335	Indicator Light, 12V DC.....	1
20424	Joystick Controller - Drive/Steer Functions.....	1
24495	Joystick Controller - Boom Functions, Single Axis.....	1
40613	Joystick Controller - Boom Functions, Dual Axis.....	1
83005	Valve - Solenoid, 10V DC.....	1
83006	Valve - Solenoid, 10V DC.....	1

Group D

Part No.	Description	Qty.
29314	Key - Latch Assembly (Turntable Covers).....	2
46677	7 Piece Cable Track Repair Kit (steel).....	1
25881	Boot - Thumb Rocker (20424 controller).....	2
25882	Ring - Lock (20424 controller).....	1
25883	Handle Half Set (pair) (20424 controller).....	1
22368	Boot - Joystick Shaft (20424 controller).....	2
22364	Potentiometer (20424 controller).....	1
23680	Microswitch - Handle (20424 controller).....	2
27133	Handle - Cap (24495 & 40613 controllers).....	2
27134	Boot - Joystick Shaft (24495 & 40613 controllers).....	2
19712	Microswitch (24495 & 40613 controllers).....	2
27246	Rubber - Toggle Switch Boot.....	5
32150	Genie Blue Paint, 1 Gallon.....	1
1484	Genie Blue Paint, 12 Ounce Aerosol.....	1
32151	Genie Gray Paint, 1 Gallon.....	1
1268	Genie Gray Paint, 12 Ounce Aerosol.....	1

How to Order Parts

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

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

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

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

Machine Information

Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number

North America

Telephone (425)881-1800

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

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

<http://genielift.com/en>

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

<http://genielift.co.uk>

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

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

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

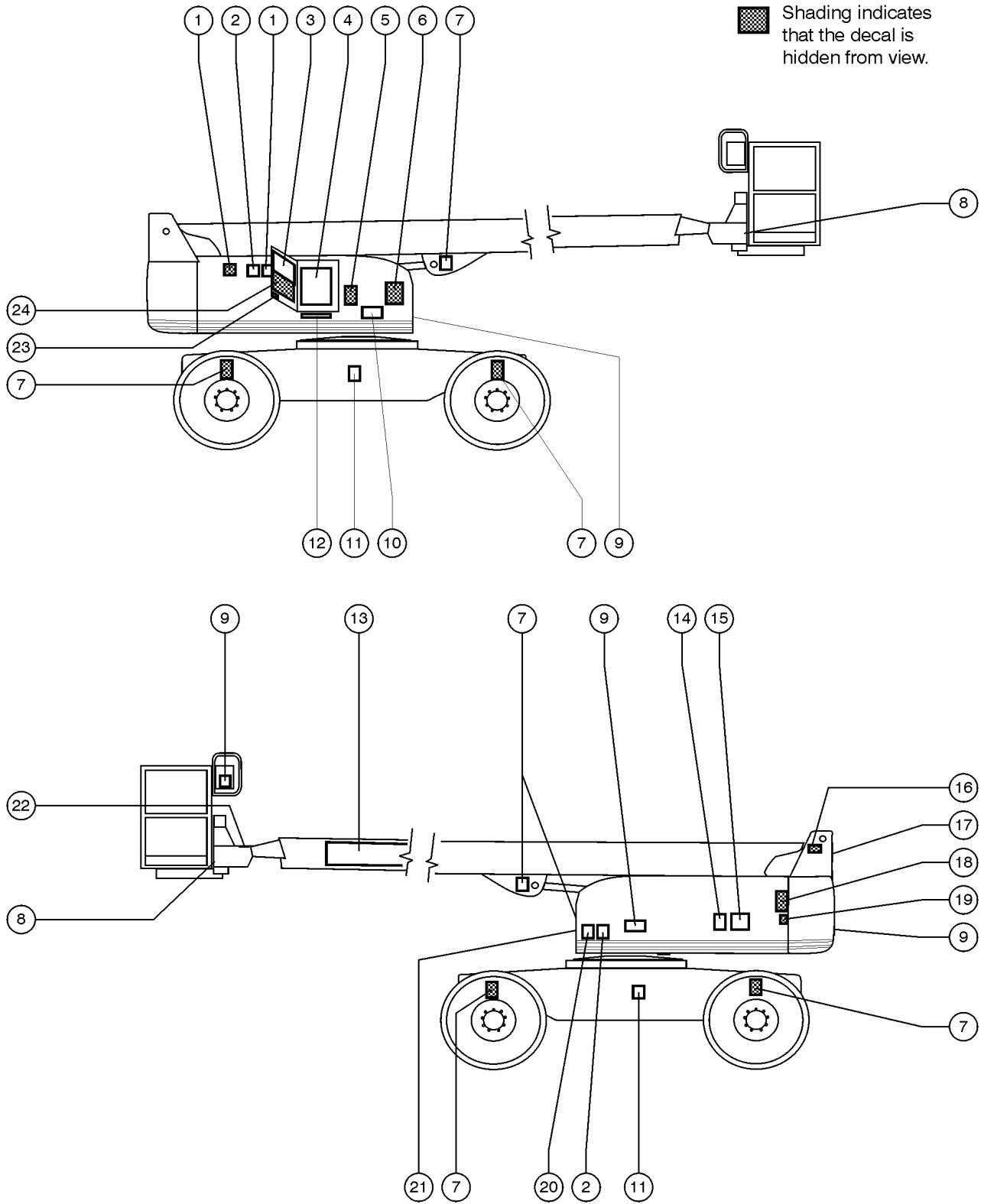
<http://genielift.com.au>

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

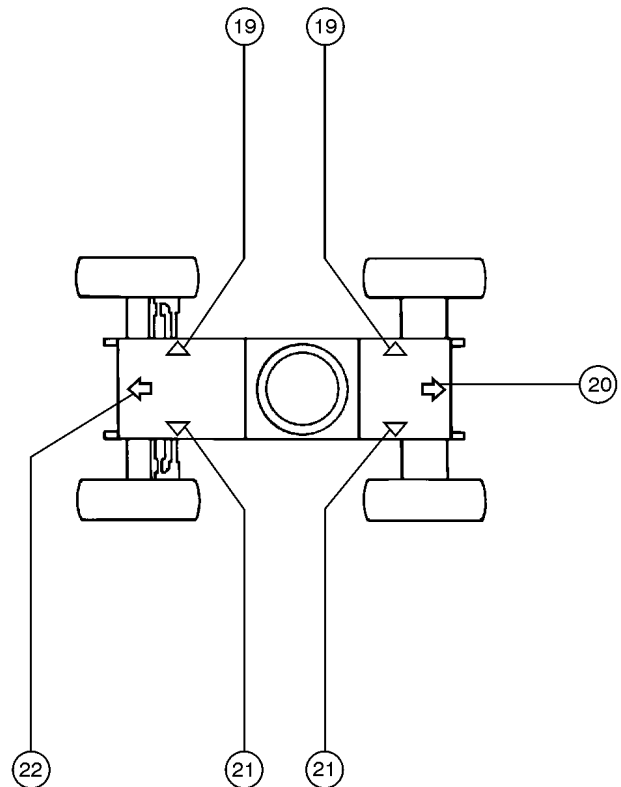
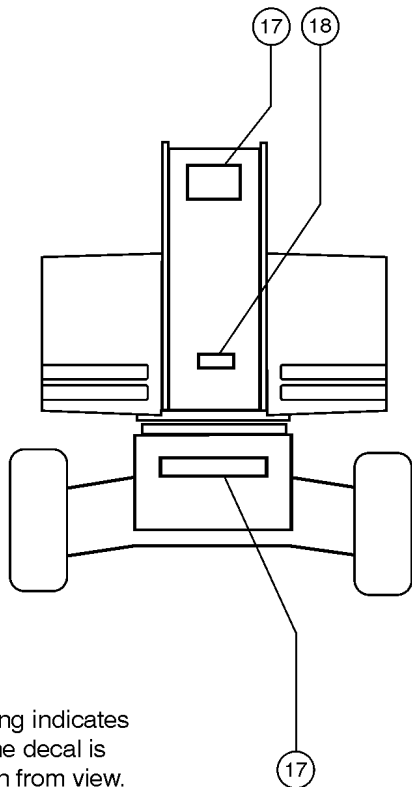
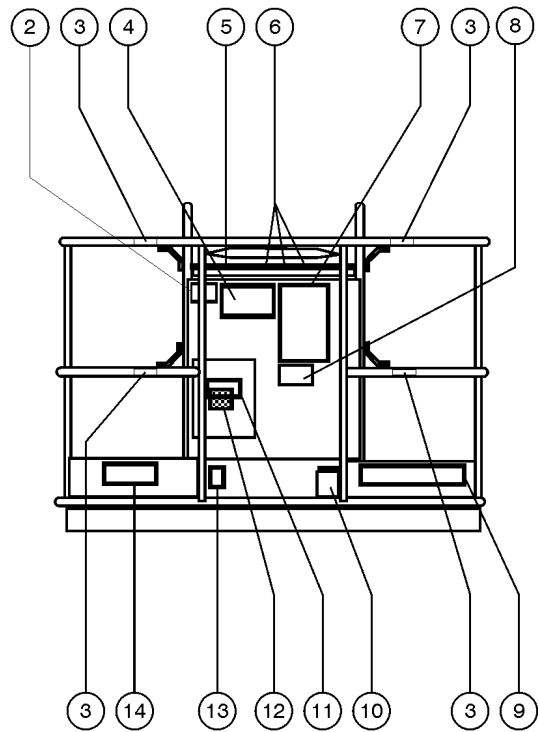
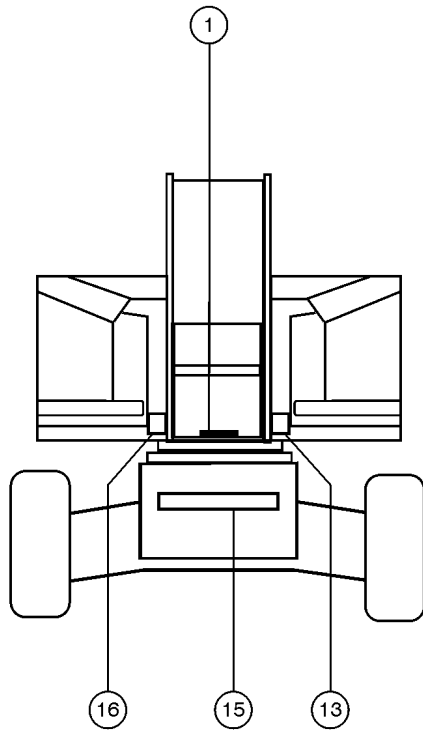
101.1 Decals and Paint - View 1




101.1 Decals and Paint - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	1268GT	PAINT,AEROSOL,GENIE GRAY***		20	28160GT	DECAL,LABEL,LIQUID PROPANE.....1	
--	1484GT	PAINT,AEROSOL,BRIGHT BLUE***		21	44981GT	DECAL,LABEL,AIRLINE 110 PSI.....2	
--	32150GT	PAINT,WET,GENIE BLUE (1 GL)**		22	28181GT	DECAL,WARN,FALL HAZARD.....1	
--	32151GT	PAINT,WET,GENIE GRAY (1 GL)**		23	52972GT	DECAL,CE MARK,3".....1	
--	46200GT	DECAL KIT,INSTRUCT,S60/65 DSL <i>Diesel Models; kit does not include Index No's. 4, 6, 9, 13, 17, 18, 20, 21 and 23</i>		--	97890GT	DECAL,DANGER,GEN SAFETY RULES.....1	
--	52056GT	DECAL KIT,INSTR,S60/65 GAS*** <i>Gasoline/LPG Models; kit does not include Index No's. 4, 6, 9, 13, 17, 18, 19, 21 and 23</i>		24	28157GT	DECAL,USE DEXRON***.....1	
1	28158GT	DECAL,LABEL,UNLEADED GAS ONLY.....2					
--	28159GT	DECAL,DIESEL.....2					
2	28171GT	DECAL,DANGER,NO SMOKING ***.....2					
3	43647GT	DECAL,NOTICE,OPER INST.IC***.....1					
4	49926GT	DECAL,GND CONT PNL,S45/60/80**.....1 <i>to SN 6829</i>					
--	72160GT	DECAL,GND CONT PNL,S45/S60/80.....1 <i>from SN 6830</i>					
5	25994GT	DECAL, NOTICE, SHUTOFF VALVES.....1					
6	77046GT	SERIAL # LABEL,MYLAR 4X8***.....1					
7	28161GT	DECAL,WARN,CRUSH HAZARD HAND.....7					
8	28177GT	DECAL,WARN,CRUSH HAZARD PLAT.....2					
9	28235GT	DECAL,POWER TO PLATFORM 115V...1					
--	28174GT	DECAL,POWER TO PLATFORM 230V...1					
10	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR.....3					
11	33973GT	DECAL,NOTICE,TIRE PRESSURE.....2					
12	43663GT	DECAL,NOTICE, FUNCTION ENABLE*.....1					
13	62076GT	DECAL,COSMETIC,GENIE S-60.....1					
13	62078GT	DECAL,COSMETIC,GENIE S65.....1					
14	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*.....1					
15	28175GT	Warning - Compartment Access.....1					
16	31060GT	DECAL,DANGER DO NOT ALTER SWTC.....1					
17	62077GT	DECAL,COSMETIC,S60.....1					
17	62079GT	DECAL,COSMETIC,S65.....1					
18	49741GT	DECAL,NOTICE,FORD EFI ENG SPEC.....1					
--	53037GT	DECAL,NOTICE,DEUTZ ENG SPEC.....1					
--	82644GT	DECAL, ENGINE SPEC, PERKINS.....1					
19	35599GT	DECAL,NOTICE,AIR INLET***.....1 <i>Diesel Models</i>					

102.1 Decals and Paint - View 2

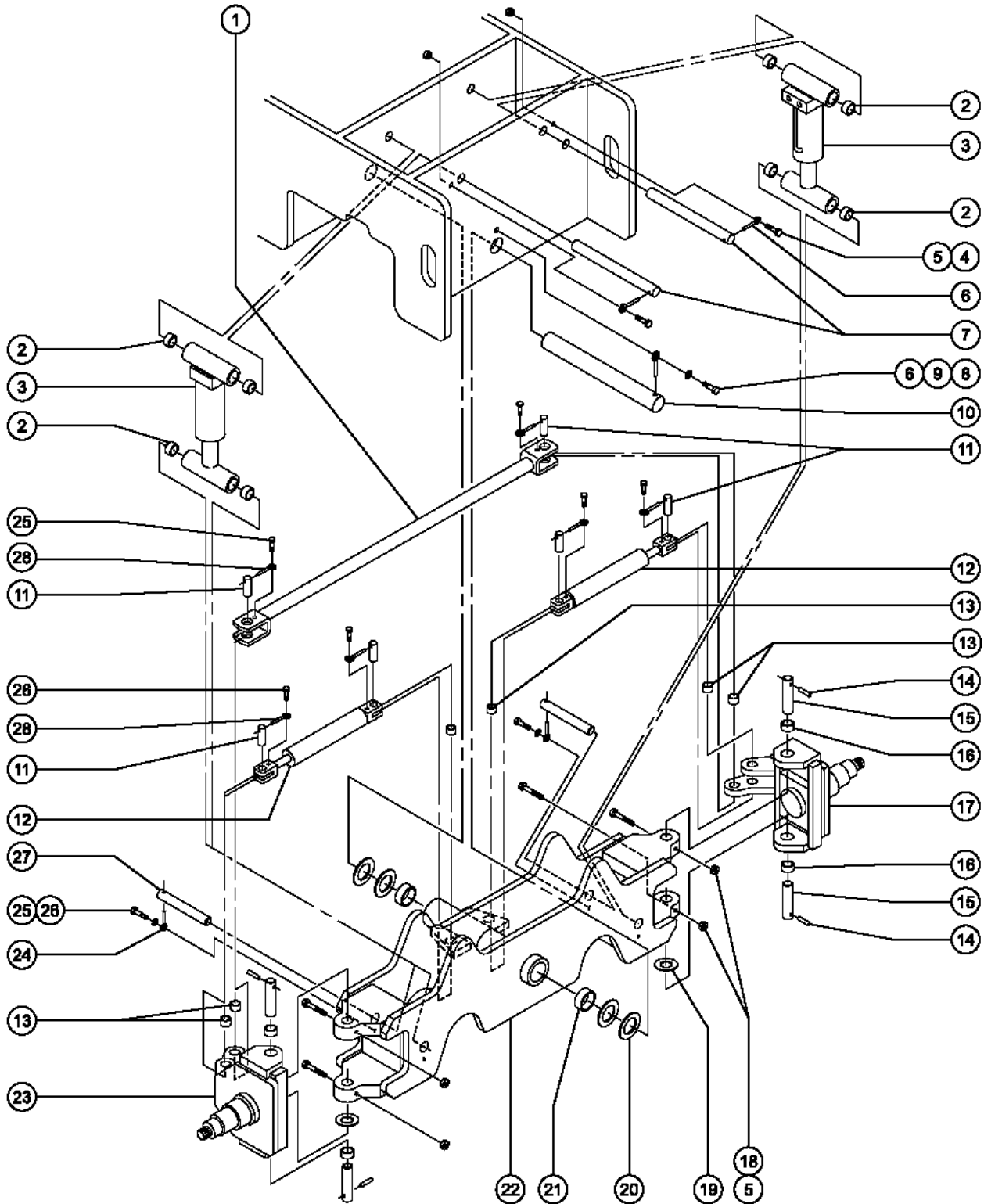


 Shading indicates that the decal is hidden from view.

102.1 Decals and Paint - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	1268GT	PAINT,AEROSOL,GENIE GRAY***		14	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI.....1 <i>ANSI and CSA models</i>	1
--	1484GT	PAINT,AEROSOL,BRIGHT BLUE***		--	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS.....1 <i>CE models</i>	1
--	32150GT	PAINT,WET,GENIE BLUE (1 GL)**		15	52966GT	DECAL,COSMETIC,4 X 2.....1	1
--	32151GT	PAINT,WET,GENIE GRAY (1 GL)**		--	52967GT	DECAL,COSMETIC,4 X 4.....1	1
--	46200GT	DECAL KIT,INSTRUCT,S60/65 DSL <i>Diesel Models; kit does not include Index No's. 5, 6, 8, 9, 13, 14, 15, 16 and 17</i>		16	28235GT	DECAL,POWER TO PLATFORM 115V...1	1
--	52056GT	DECAL KIT,INSTR,S60/65 GAS*** <i>Gasoline/LPG Models; kit does not include Index No's. 5, 6, 8, 9, 13, 14, 15, 16 and 17</i>		--	28174GT	DECAL,POWER TO PLATFORM 230V...1	1
1	28161GT	DECAL,WARN,CRUSH HAZARD HAND.....1	1	17	62077GT	DECAL,COSMETIC,S60.....2	2
2	33952GT	DECAL,DANGER,TILT ALARM.....1	1	17	62079GT	DECAL,COSMETIC,S65.....2	2
3	40434GT	DECAL,LANYARD ANCHORAGE POINT.....4	4	18	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR.....1	1
4	43647GT	DECAL,NOTICE,OPER INST.IC***.....1	1	19	27207GT	DECAL,TRIANGLE,YELLOW.....2	2
5	32941GT	DECAL,PLATFORM CTRL PANEL***.....1 <i>to SN 3099</i>	1	20	27205GT	DECAL,ARROW YELLOW LRG 9".....1	1
--	33949GT	DECAL,PROTECTOR PLAT,S80/60***.....1	1	21	27206GT	DECAL,TRIANGLE,BLUE.....2	2
--	52156GT	DECAL,PLATFORM CTRL PANEL.....1 <i>from SN 3100 to SN 6829</i>	1	22	27204GT	DECAL,ARROW BLUE.....1	1
--	52251GT	DECAL,PROTECTOR,CLEAR,PLATE***.1	1				
--	72162GT	DECAL,PLATFORM CTRL PANEL.....1 <i>from SN 6830</i>	1				
5A	32941GT	DECAL,PLATFORM CTRL PANEL***.....1 <i>to SN 3099</i>	1				
--	33949GT	DECAL,PROTECTOR PLAT,S80/60***.....1	1				
5B	52156GT	DECAL,PLATFORM CTRL PANEL.....1 <i>from SN 3100 to SN 6829</i>	1				
5C	72162GT	DECAL,PLATFORM CTRL PANEL.....1 <i>from SN 6830</i>	1				
6	49927GT	DECAL,OPTION GLOW PLUGS***.....1	1				
--	32728GT	DECAL,OPTION GENERATOR***.....1	1				
--	44769GT	DECAL,LABEL,LFT/DRV SELECT.....1	1				
--	72867GT	DECAL,LABEL,LIGHTS***.....1	1				
7	97890GT	DECAL,DANGER,GEN SAFETY RULES.....1	1				
8	43595GT	DECAL,DANGER,TIP-OVER, TIRES***...1	1				
9	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS...1	1				
--	32998GT	DECAL,NOTICE,MAX LOAD 600 LBS...1	1				
--	43594GT	DECAL,NOTICE,MAX LOAD 750 LBS...1	1				
10	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER.....1	1				
11	28236GT	DECAL,WARN,IMPROPER OPERATION.....1	1				
12	28176GT	DECAL,LABEL,MANUAL NOT HERE.....1	1				
13	44981GT	DECAL,LABEL,AIRLINE 110 PSI.....2	2				

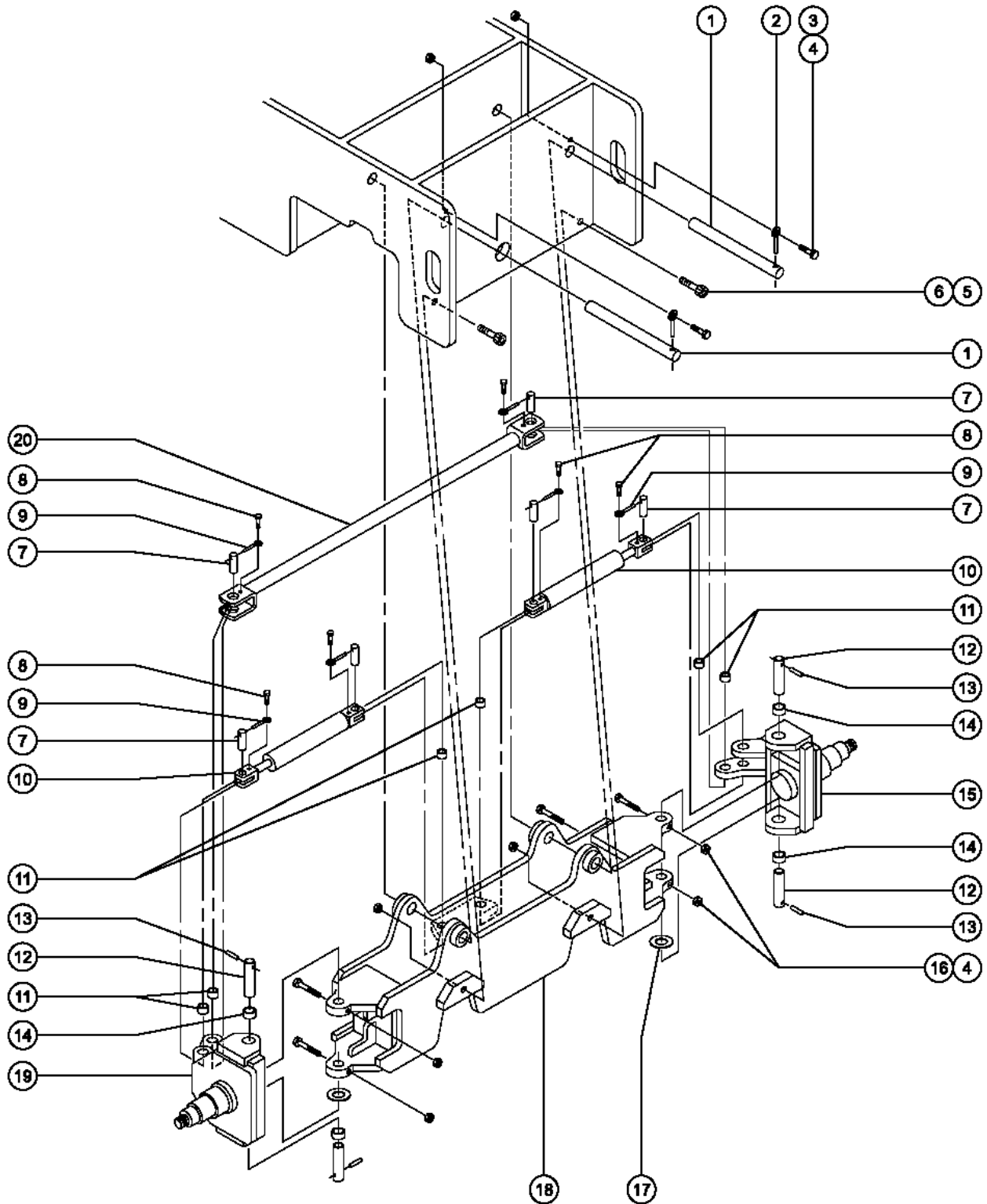
201.1 2WD Steer Axle Linkage - Oscillating Models



201.1 2WD Steer Axle Linkage - Oscillating Models

Item	Part No.	Description	Qty.
1	63156GT	TIE ROD WELDMENT,S60***.....	1
2	45072GT	BEARING,GARLOCK,24DU24.....	8
3	1264673GT	CYLINDER, OSCILLATE, S60..... <i>includes 4 each index number 2</i>	2
--	33428GT	VALVE,COUNTERBALANCE.....	2
--	63355GT	SEAL KIT CYL.S60(63215).....	2
4	6096GT	SCREW,HHC,1/2-13 X 2 GR5.....	2
5	6086GT	NUT,LP NYLOCK,1/2-13.....	6
6	30418GT	ROD END,0.5 X 3.75***.....	3
7	30731GT	PIN,PRIM.Boom,16.0 X 1.5 INCH.....	2
8	8177GT	SCREW,HHC,1/2-13 X 1.5.....	1
9	6033GT	WASHER,LOCK,0.5".....	1
10	34642GT	PIN,2.50DIA X 23.38LG,1HOLE.....	1
11A	30734GT	PIN,1.00DIA X 2.88LG,1HOLE..... <i>measure before ordering</i>	6
11B	34276GT	PIN,1.25DIA X 3.37LG,1HOLE <i>measure before ordering</i>	
12A	53463GT	KIT,STEER CYLINDER,RETRO S60**.... <i>to SN 3908; includes 88346</i>	2
12B	88346GT	CYLINDER,S60/65 STEER***..... <i>from SN 3909</i>	2
--	88347GT	SEAL KIT,STEER CYL,S60/65***.....	2
13A	53452GT	BEARING,1.00IDX1.50ODX1.00L..... <i>measure before ordering</i>	6
13B	30370GT	BEARING,1.25IDX1.50DX1.00L <i>measure before ordering</i>	
14	14815GT	PIN,ROLL,SST,.25 X 2.25.....	4
15	53081GT	PIN,1.50DIA X 4.76LG,2HOLE.....	4
16	45071GT	BEARING,1.5IDX1.75ODX1.5L.....	4
17	35002GT	YOKE ASSEMBLY,L.S.,2WD, S-60..... <i>includes 2 each index numbers 13 and 16</i>	1
18	8220GT	SCREW,HHC,1/2-13 X 4.....	4
19	45074GT	WASHER,THRUST,1.5 X 3.5 X .187.....	2
20	29746GT	WASHER,FLAT,2.5 X 4 X .062	
21	27698GT	BEARING,2.50IDX2.75ODX2.00L.....	2
22	33908GT	STEER AXLE ASSEMBLY, OSC, S-60.... <i>includes 2 each index numbers 13 and 21</i>	1
23	35001GT	YOKE ASSEMBLY,R.S.,2WD, S-60..... <i>includes 2 each index numbers 13 and 16</i>	1
24	45226GT	ROD END,.375 X 3.69.....	2
25	6175GT	SCREW,HHC,3/8-16 X 1.....	8
26	6021GT	WASHER, LOCK, .375.....	2
27	47955GT	PIN,1.50DIA X 10.45LG,1HOLE.....	2
28	25284GT	ROD END,.375 X 2.25***.....	6

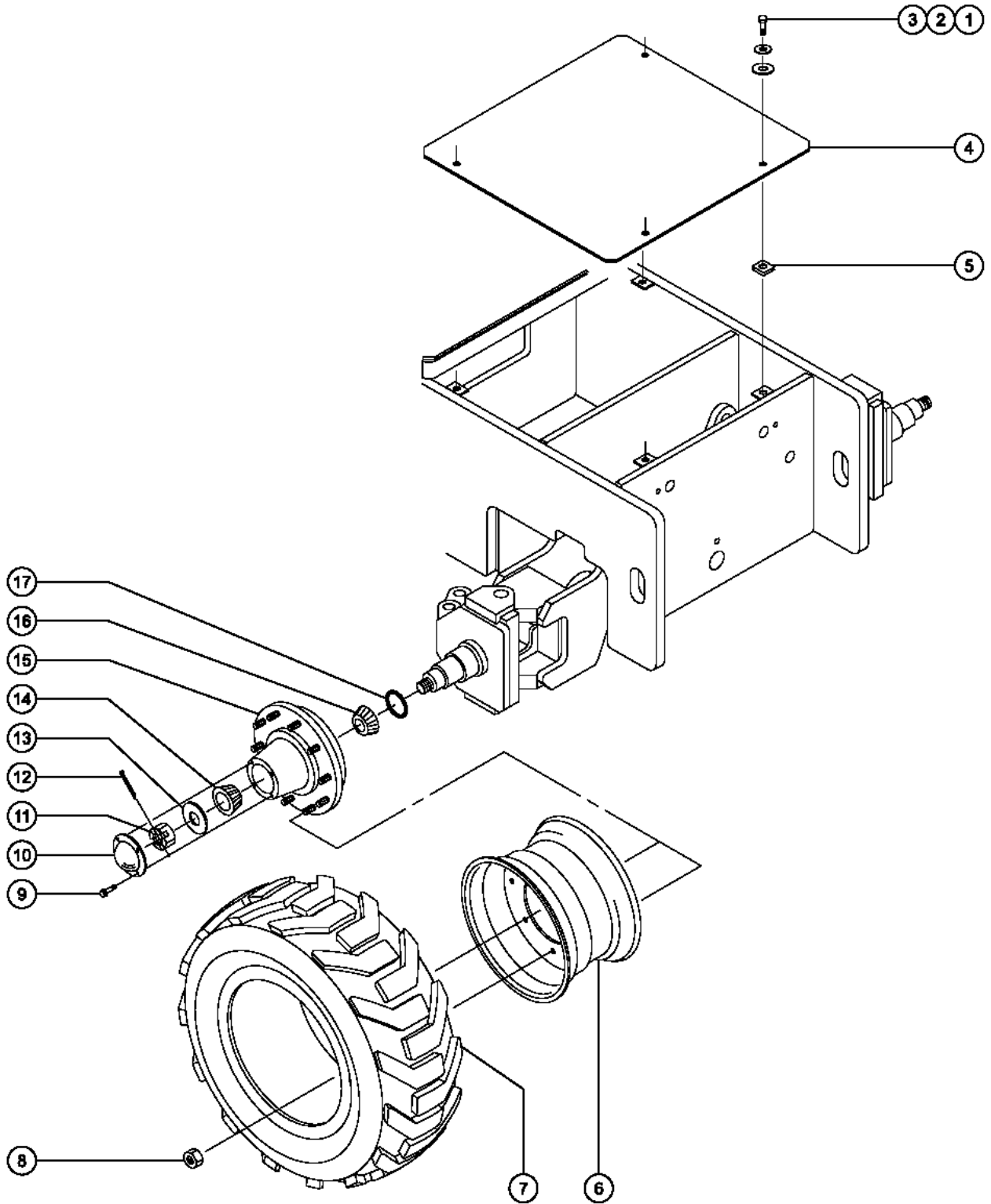
202.1 2WD Steer Axle Linkage - Non-oscillating Models



202.1 2WD Steer Axle Linkage - Non-oscillating Models

Item	Part No.	Description	Qty.
1	30731GT	PIN,PRIM.Boom,16.0 X 1.5 INCH.....	2
2	30418GT	ROD END,0.5 X 3.75***	2
3	6096GT	SCREW,HHC,1/2-13 X 2 GR5.....	2
4	6086GT	NUT,LP NYLOCK,1/2-13.....	6
5	45066GT	SCREW,SHC,5/8-11 X 2.25.....	2
6	6024GT	NUT,NYLOCK,5/8-11.....	2
7A	30734GT	PIN,1.00DIA X 2.88LG,1HOLE..... <i>measure before ordering</i>	6
7B	34276GT	PIN,1.25DIA X 3.37LG,1HOLE <i>measure before ordering</i>	
8	6175GT	SCREW,HHC,3/8-16 X 1.....	6
9	25284GT	ROD END,.375 X 2.25***	6
10A	53463GT	KIT,STEER CYLINDER,RETRO S60**.... <i>to SN 3908; includes 88346</i>	2
10B	88346GT	CYLINDER,S60/65 STEER***	2
--	88347GT	SEAL KIT,STEER CYL,S60/65***	2
11A	53452GT	BEARING,1.00IDX1.50ODX1.00L..... <i>measure before ordering</i>	6
11B	30370GT	BEARING,1.25IDX1.50ODX1.00L <i>measure before ordering</i>	
12	53081GT	PIN,1.50DIA X 4.76LG,2HOLE.....	4
13	14815GT	PIN,ROLL,SST,.25 X 2.25.....	4
14	45071GT	BEARING,1.5IDX1.75ODX1.5L.....	4
15	35002GT	YOKE ASSEMBLY,L.S.,2WD, S-60..... <i>includes 2 each Index No's. 11 and 14</i>	1
16	8220GT	SCREW,HHC,1/2-13 X 4.....	4
17	45074GT	WASHER,THRUST,1.5 X 3.5 X .187.....	2
18	33943GT	STEER AXLE ASSY, NON OSC,S-60..... <i>includes 2 each Index No. 11</i>	1
19	35001GT	YOKE ASSEMBLY,R.S.,2WD, S-60..... <i>includes 2 each Index No's. 11 and 14</i>	1
20	63156GT	TIE ROD WELDMENT,S60***	1

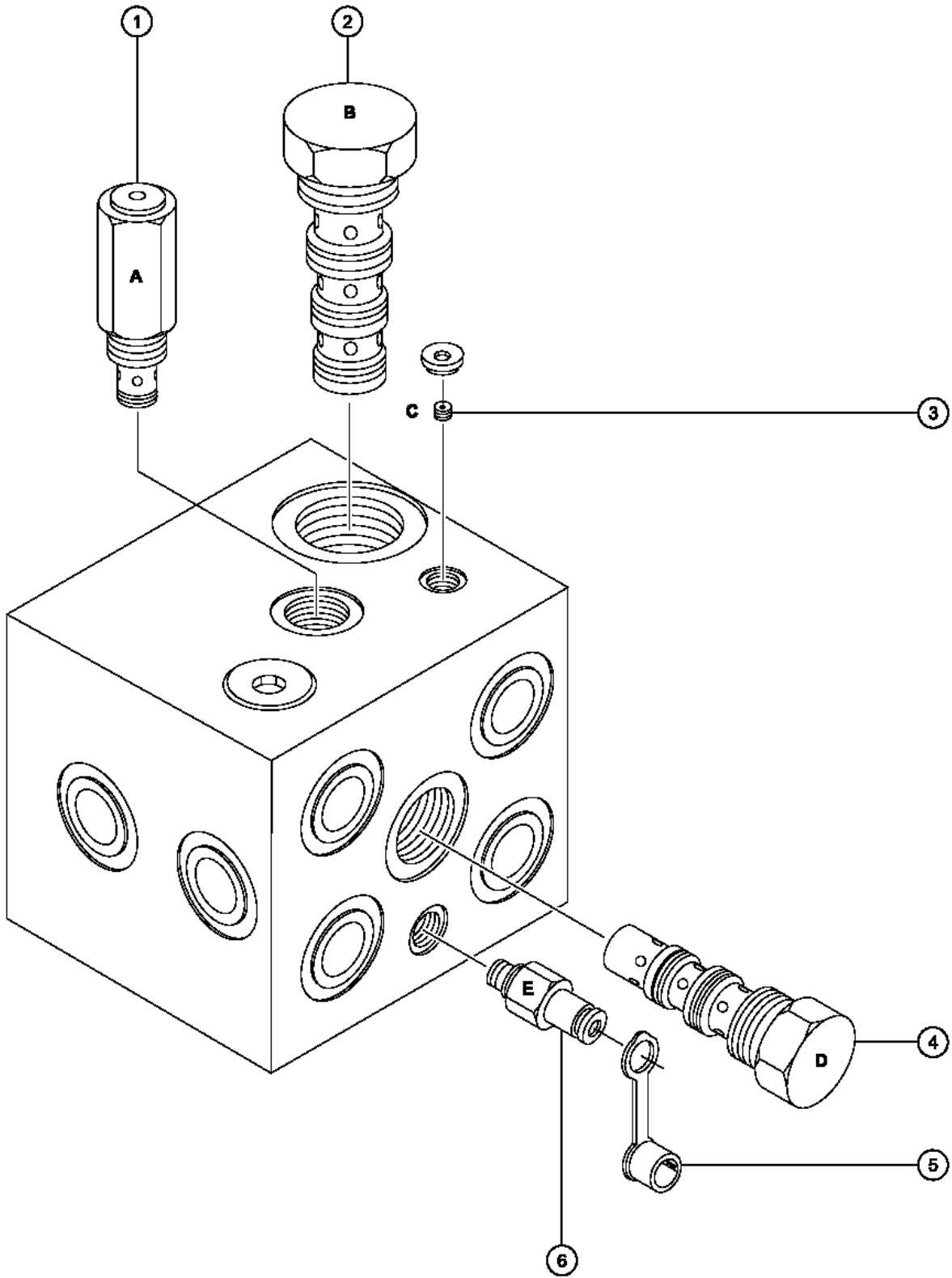
203.1 2WD Steer Axle - Wheels and Hubs



203.1 2WD Steer Axle - Wheels and Hubs

Item	Part No.	Description	Qty.
1	6090GT	SCREW,HHC,1/4-20 X .75.....	4
2	6356GT	WASHER, LOCK, .25.....	4
3	6638GT	WASHER,FLAT,USS,1/4"Y.....	4
4	33448GT	COVER W/DECALS,DR.CHAS.STR.END.....	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.5, ZAG.....	4
6	73184GT	WHEEL,19.5 X 11.75,10 HOLE***.....	2
--	73180GT	TIRE & WHEEL RH, AIR S60***	
--	73181GT	TIRE & WHEEL LH, AIR S60	
--	73182GT	TIRE & WHEEL ASSY.RIGHT,FF S60	
--	73183GT	TIRE & WHEEL ASSY.LEFT,FF S60	
--	73206GT	TIRE&WHEEL ASSY R,AF,NON-MARKI	
--	73207GT	TIRE&WHEEL ASSY L,AF,NON-MARKI	
7	73185GT	TIRE,38/65D-19.5,16PLY,OTR*.....	2
--	73210GT	TIRE,385 19.5,16PLY,NON-MARKI	
8	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS.....	20
9	18506GT	5/16-18 X .75 LG.FLG.LCK.SCREW.....	8
10	73082GT	CAP,DUST.....	2
11	34627GT	NUT,SPINDLE,2.00-12.....	2
12	34628GT	PIN,COTTER,.375 X 3.5.....	2
13	34626GT	WASHER,FLAT,2.0 X 4.5 X .25.....	2
14	73080GT	BEARING,OUTER CONE.....	2
15	73075GT	HUB ASSY W/RACES.....	2
--	73076GT	HUB RACE,INNER	
--	73077GT	HUB RACE, OUTER	
--	73078GT	STUD,WHEEL,3/4-16	
16	73079GT	BEARING, INNER CONE.....	2
17	94794GT	SEAL,GREASE.....	2

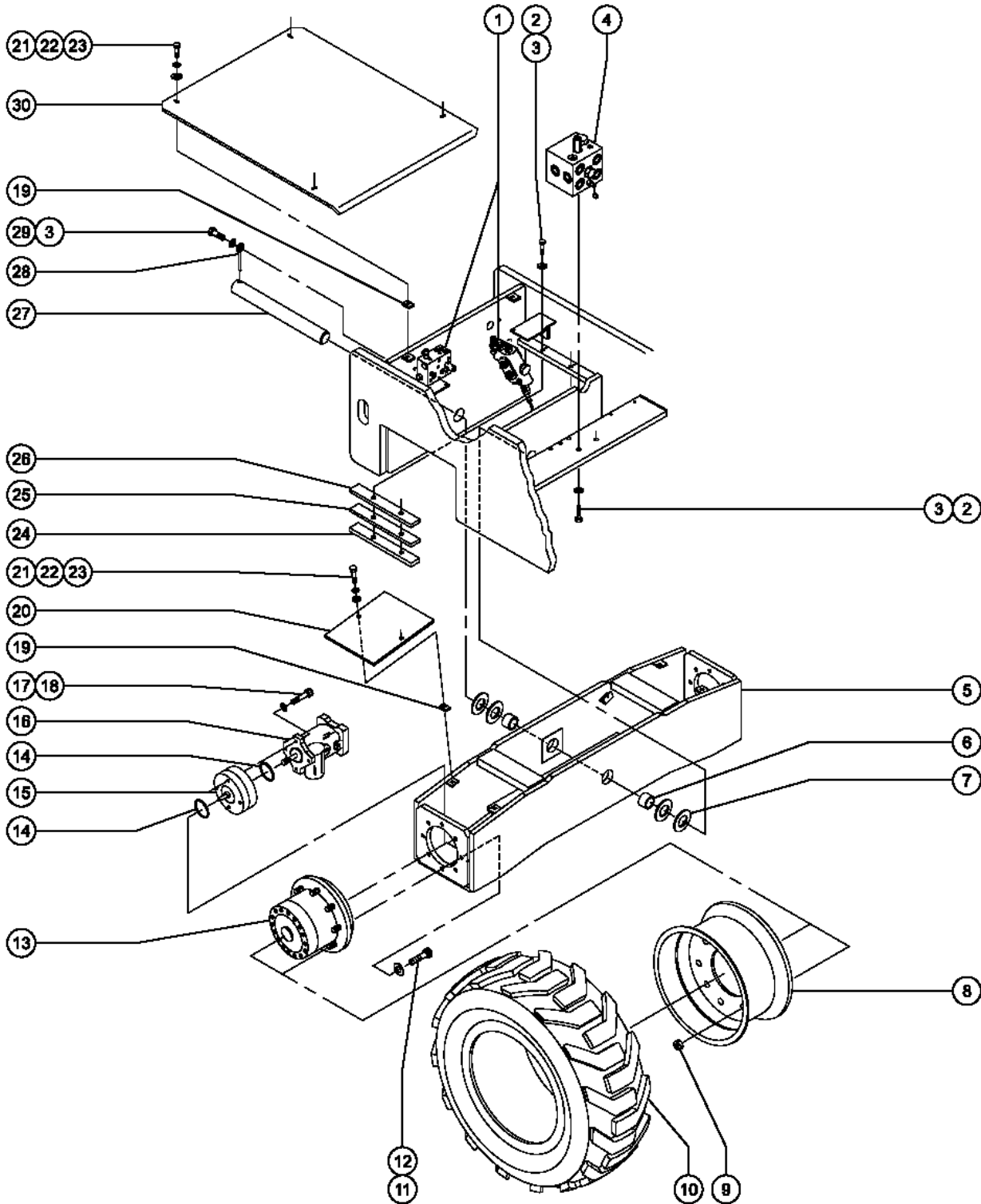
204.1 2WD Drive Manifold



204.1 2WD Drive Manifold

Item	Part No.	Description	Qty.
--	25375GT	KIT, O-RING	
--	34448GT	TRACTION MANIFOLD,2WD*** <i>includes Index No's. 1 through 4</i>	
--	49612GT	O-RING KIT (ORFS FITTINGS)	
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	43597GT	VALVE,RELIEF,210 PSI.....1 <i>A, Charge Pressure Circuit</i>	
--	110194GT	SEAL KIT, VALVE, #10	
2	52726GT	VALVE,FLOW DIVIDER/COMBINER.....1 <i>B, Rear Wheel Drive Circuit</i>	
--	84135GT	SEAL KIT, VALVE	
3	33520GT	PLUG,ORIFICE,0.070.....1 <i>C, Drive Circuit</i>	
4	27761GT	VALVE,SHUTTLE.....1 <i>D, Hot Oil Shuttle</i>	
--	84131GT	BI-DIRECTIONAL FLOW VALVE,GS84	
5	48997GT	NIPPLE,DIAGNOSTIC,#4.....1	
6	48880GT	CAP,DIAGNOSTIC NIPPLE.....1 <i>E, Testing</i>	
--	20224GT	DIAGNOSTIC FEMALE Q-DSCNT.....1	

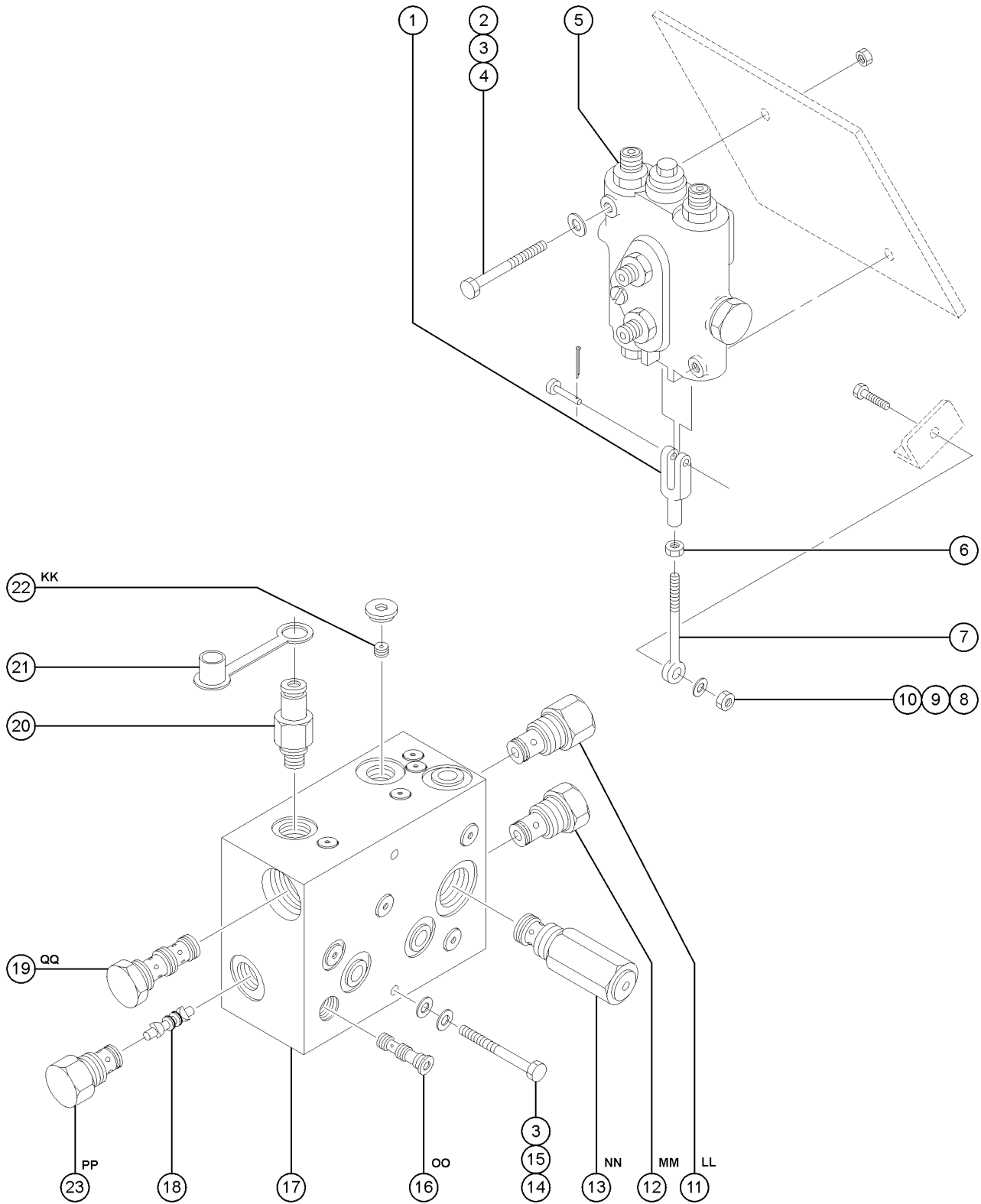
205.1 2WD Non-steer Axle



205.1 2WD Non-steer Axle

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Ref. Oscillation Manifold and Control Valve <i>refer to section 206.1</i>		--	147558GT	KIT,BEARING,TAPERED,OUTER*** <i>for 53483, contains one cup and one cone</i>	
2	8177GT	SCREW,HHC,1/2-13 X 1.5.....	7	--	147559GT	KIT,BEARING,TAPERED,INNER*** <i>for 53483, contains one cup and one cone</i>	
3	6033GT	WASHER,LOCK,0.5".....	8	--	33440GT	SEAL KIT,TORQUE HUB (34115)***.....	1
4	34448GT	TRACTION MANIFOLD,2WD***.....	8	--	58238GT	BEARING KIT,WHEEL DRIVE,S60***.....	1
5	33945GT	NON-STEER AXLE ASSEMBLY S60%..... <i>includes 2 each of Index No. 6</i>	1	--	58284GT	COVER PLATE,WHEEL DRIVE,HW3***.....	1
6	34639GT	BEARING,2.5"ID X 2.75 X 2.25"L.....	2	--	65802GT	WASHER,THRUST W3 HUB (53483) <i>for 53483</i>	
--	27698GT	BEARING,2.50IDX2.75ODX2.00L.....	2	14	22811GT	O-RING,MOTOR TO BRAKE***.....	4
7	29746GT	WASHER,FLAT,2.5 X 4 X .062				<i>measures approx 4" x 0.10"</i>	
8	73184GT	WHEEL,19.5 X 11.75,10 HOLE***.....	2	15	73919GT	BRAKE,1200 INLB***.....	2
--	73180GT	TIRE & WHEEL RH, AIR S60***.....	2	--	29291GT	SEAL KIT,MICO.....	2
--	73181GT	TIRE & WHEEL LH, AIR S60.....	2	--	29293GT	BEARING KIT,MICO.....	2
--	73182GT	TIRE & WHEEL ASSY.RIGHT,FF S60.....	2	--	41918GT	LINING KIT,MICO BRAKE.....	2
--	73183GT	TIRE & WHEEL ASSY.LEFT,FF S60.....	2	16	24668GT	DRIVE MOTOR REAR,2WD/7 DEGREE*.....	2
--	73184GT	WHEEL,19.5 X 11.75,10 HOLE***.....	2	--		<i>includes 1 each Index No. 14</i>	
--	73206GT	TIRE&WHEEL ASSY R,AF,NON-MARKI.....	2	--	33444GT	SEAL KIT,DRIVE MOTOR,(24668).....	2
--	73207GT	TIRE&WHEEL ASSY L,AF,NON-MARKI.....	2	17	7261GT	SCREW,HHC,1/2-13 X 5 BLACK.....	4
9	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS.....	20	18	13066GT	WASHER,FLAT,.5 HARDENED.....	4
10	73185GT	TIRE,38/65D-19.5,16PLY,OTR*.....	2	19	56912GT	SPRING CLIP,1/4-20,.025-.15X.5, ZAG.....	8
--	73210GT	TIRE,385 19.5,16PLY,NON-MARKI.....	2	20	34409P-SGT	COVER,REAR AXLE BLUE.....	2
11	45066GT	SCREW,SHC,5/8-11 X 2.25.....	16	21	6090GT	SCREW,HHC,1/4-20 X .75.....	8
12	13064GT	WASHER,FLAT,.625 HARDENED.....	16	22	6356GT	WASHER, LOCK, .25.....	8
13A	33434GT	WHEEL DRIVE,W3 73:1***.....	2	23	6638GT	WASHER,FLAT,USS,1/4"Y.....	8
--	147558GT	KIT,BEARING,TAPERED,OUTER***		24	34217P-SGT	BAR,AXLE ROTATION STOP,PAINTED.....	2
--	147559GT	KIT,BEARING,TAPERED,INNER***		--	34218P-SGT	BAR,AXLE ROTATION STOP,OSC.....	2
--	33440GT	SEAL KIT,TORQUE HUB (34115)***				<i>oscillating models</i>	
--	33441GT	STUD,WHEEL,3/4-16, (34115)		25	34215GT	SHIM,AXLE ROTATION STOP,12GA	
--	33989PGT	COVER, TORQUE HUB,PAINTED GRAY		26	34216GT	SHIM,AXLE ROTATION STOP,22GA	
--	33990GT	O-RING, TORQUE HUB COVER		27	34273GT	PIN,2.50DIAX21.12LG,1HOLE.....	1
--	33991GT	ACTUATOR,FOR/DISCONNECT ROD		28	30418GT	ROD END,0.5 X 3.75***.....	1
--	33992GT	DISCONNECT ROD, TORQUE HUB		29	6096GT	SCREW,HHC,1/2-13 X 2 GR5.....	1
--	58238GT	BEARING KIT,WHEEL DRIVE,S60***		30A	58021GT	DRIV CHAS COVER ASSY N/S END.....	1
--	58283GT	BOLT,COVER,WHEEL DRIVE,W3***				<i>sloped cover</i>	
--	58999GT	WASHER,THRUST,(33434)** <i>for 33434</i>		30B	33944GT	COVR W/DECLS,DR CHAS,NS END.....	1
--	65846GT	BEARING,THRUST WASHER***					
--	65855GT	SNAP RING, W3/W6 TORQUE HUB*					
--	72288GT	COUPLER, METAL(53483)					
--	83084GT	SEAL,LIP (33434)***					
13B	53483GT	WHEEL DRIVE,HW3 87:1***..... <i>replaced 33434 from serial number 7811</i>	1				

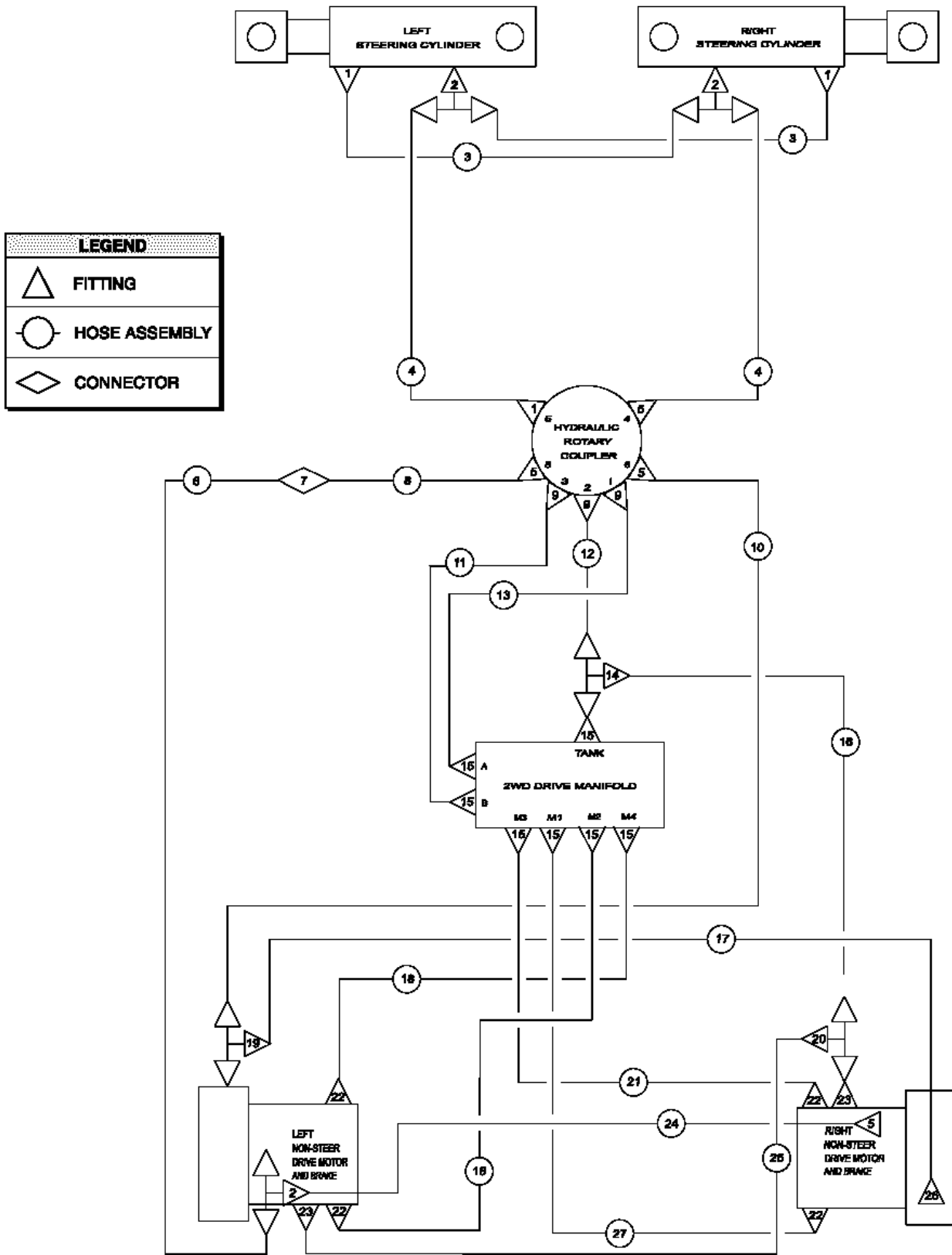
206.1 2WD Oscillation Manifold and Control Valve



206.1 2WD Oscillation Manifold and Control Valve

Item	Part No.	Description	Qty.
--	49612GT	O-RING KIT (ORFS FITTINGS)	
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN.....1 <i>includes clevis pin and cotter pin</i>	
2	6884GT	SCREW,HHC,1/4-20 X 2.5.....2	
3	6638GT	WASHER,FLAT,USS,1/4"Y.....4	
4	6091GT	NUT,NYLOCK,1/4-20.....2	
5	30558GT	VLV,MAN,3 POS/4 WAY,OPEN CTR.....1	
--	32681GT	SEAL KIT,CONTROL VALVE.....1	
6	21496GT	NUT,HEX,1/4-28.....1	
7	34858GT	ROD END,1/4-28 OSC.LINKAGE.....1	
8	5365GT	NUT,NYLOCK,10-24.....1	
9	6146GT	WASHER,FLAT,MS,#10,Y.....1	
10	6584GT	SCREW,SHS,10-24 X .625.....1	
11	27532GT	VALVE,DIFFERENTIAL SENSING.....1 <i>LL, Differential sensing circuit</i>	
--	110197GT	SEAL KIT, VALVE, #10	
12	32725GT	VALVE,CHECK (30797).....1 <i>MM, Oscillate check - left</i>	
--	110194GT	SEAL KIT, VALVE, #10	
13	37050GT	VALVE,UNLOADER,P.O.....1 <i>NN, Sequencing</i>	
14	12343GT	SCREW,HHC,1/4-20 X 3.....2	
15	6356GT	WASHER, LOCK, .25.....2	
16	45483GT	VALVE,SHUTTLE***.....1 <i>OO, Pilot</i>	
17	30797GT	MANIFOLD,OSCILLATION.....1 <i>includes Index No's. 11 through 13 and 16, 18, 19, and 22</i>	
--	25375GT	KIT, O-RING.....1	
18	32724GT	PISTON (30797).....1	
19	32723GT	VALVE,SHUTTLE (30797).....1 <i>QQ, Unloading</i>	
--	110197GT	SEAL KIT, VALVE, #10	
20	48997GT	NIPPLE,DIAGNOSTIC,#4.....1	
--	20224GT	DIAGNOSTIC FEMALE Q-DSCNT.....1	
21	48880GT	CAP,DIAGNOSTIC NIPPLE.....1	
22	29737GT	PLUG,ORIFICE,0.052 INCH.....1 <i>KK, Differential sensing circuit</i>	
23	32725GT	VALVE,CHECK (30797).....1 <i>PP, Oscillate check - right</i>	

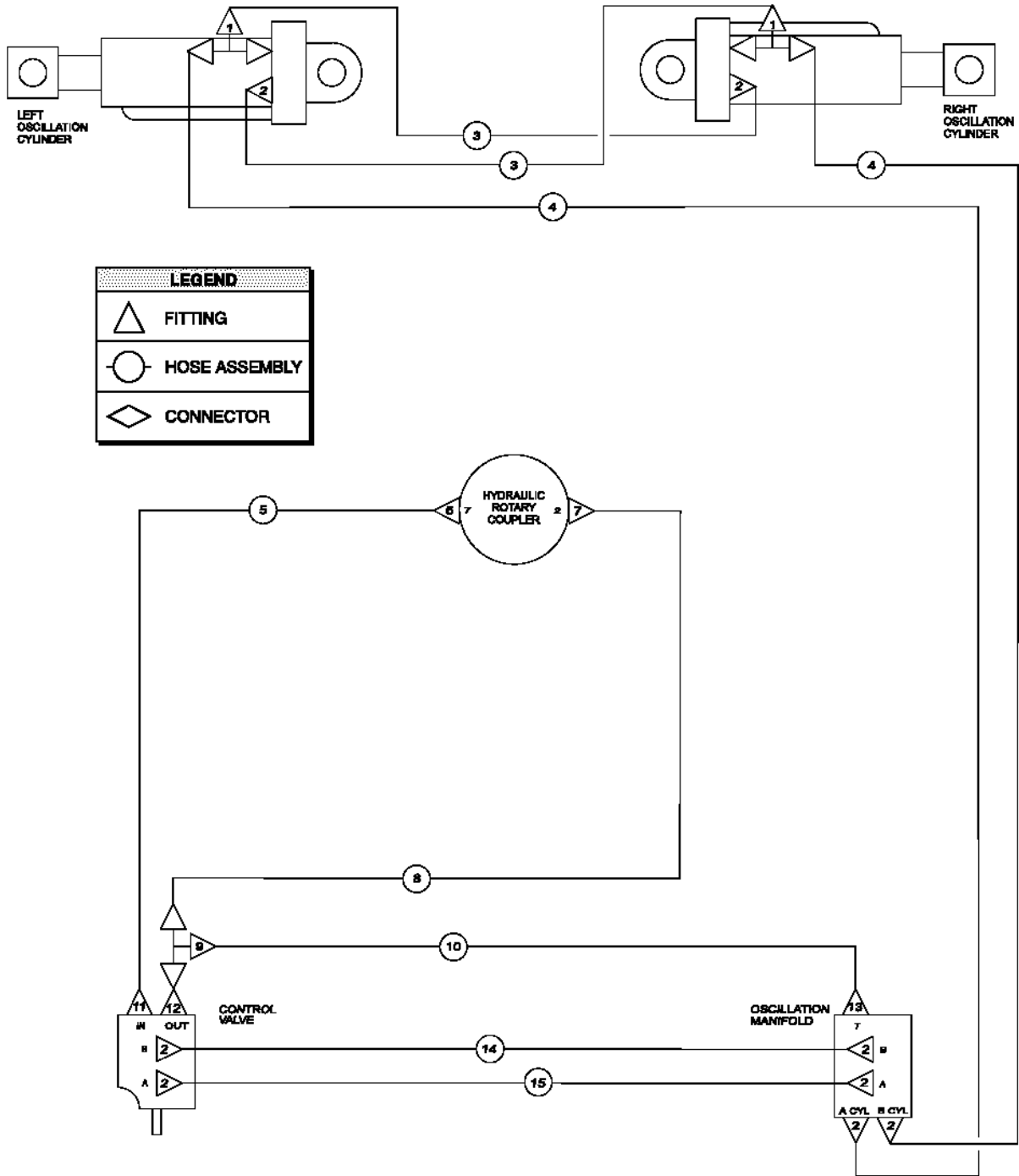
207.1 2WD Hydraulic Hoses and Fittings - Drive and Steer Systems



207.1 2WD Hydraulic Hoses and Fittings - Drive and Steer Systems

Item	Part No.	Description	Qty.
--	49612GT	O-RING KIT (ORFS FITTINGS)	
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48916GT	FITTING,CONN,520120-6.....	3
2	48918GT	TEE,RUN,520428-6.....	3
3	49105-2750GT	HOSE ASSEMBLY-3/8" 100R2.....	2
4	49104-6400GT	HOSE ASSEMBLY-3/8" 100R2.....	2
5	48915GT	ELBOW,90D,520220-6.....	4
6	49130-5700GT	HOSE ASSEMBLY-3/8".....	1
7	48881GT	UNION,520101-6,ORFS.....	1
8	49132-2800GT	HOSE ASSEMBLY-3/8".....	1
9	48963GT	FITTING,ELBOW,45D,520320-12***.....	3
10	49120-8500GT	HOSE ASSEMBLY-1/4".....	1
11	49156-3500GT	HOSE ASSY,3/4,90 FEM,STR FEM.....	1
12	49151-2400GT	HOSE ASSY,3/4,STR FEM,STR FEM.....	1
13	49154-3700GT	HOSE ASSEMBLY-3/4" 100R12.....	1
14	48964GT	FITTING,TEE,RUN,SWIVEL52043212....	1
15	48960GT	FITTING,CONN,520120-12.....	6
16	49140-5600GT	HOSE ASSEMBLY-1/2".....	1
17	49119-6400GT	HOSE ASSY,1/4,STR FEM,STR FEM.....	1
18	49157-4900GT	HOSE ASSEMBLY-3/4" 100R12.....	2
19	48906GT	TEE,RUN,520428-4.....	1
20	48938GT	FITTING,TEE,RUN,SWIVEL520432-8....	1
21	49157-4050GT	HOSE ASSEMBLY-3/4" 100R12.....	1
22	48976GT	ELBOW,90D,520220-12-16.....	4
23	48947GT	ELBOW,90D,520220-8-12.....	2
24	49143-5200GT	HOSE ASSY,1/2,90 FEM,STR FEM.....	1
25	49130-5400GT	HOSE ASSY,3/8,STR FEM,STR FEM.....	1
26	48904GT	ELBOW,90D,520220-4-4.....	1
27	49157-4100GT	HOSE ASSEMBLY-3/4" 100R12.....	1

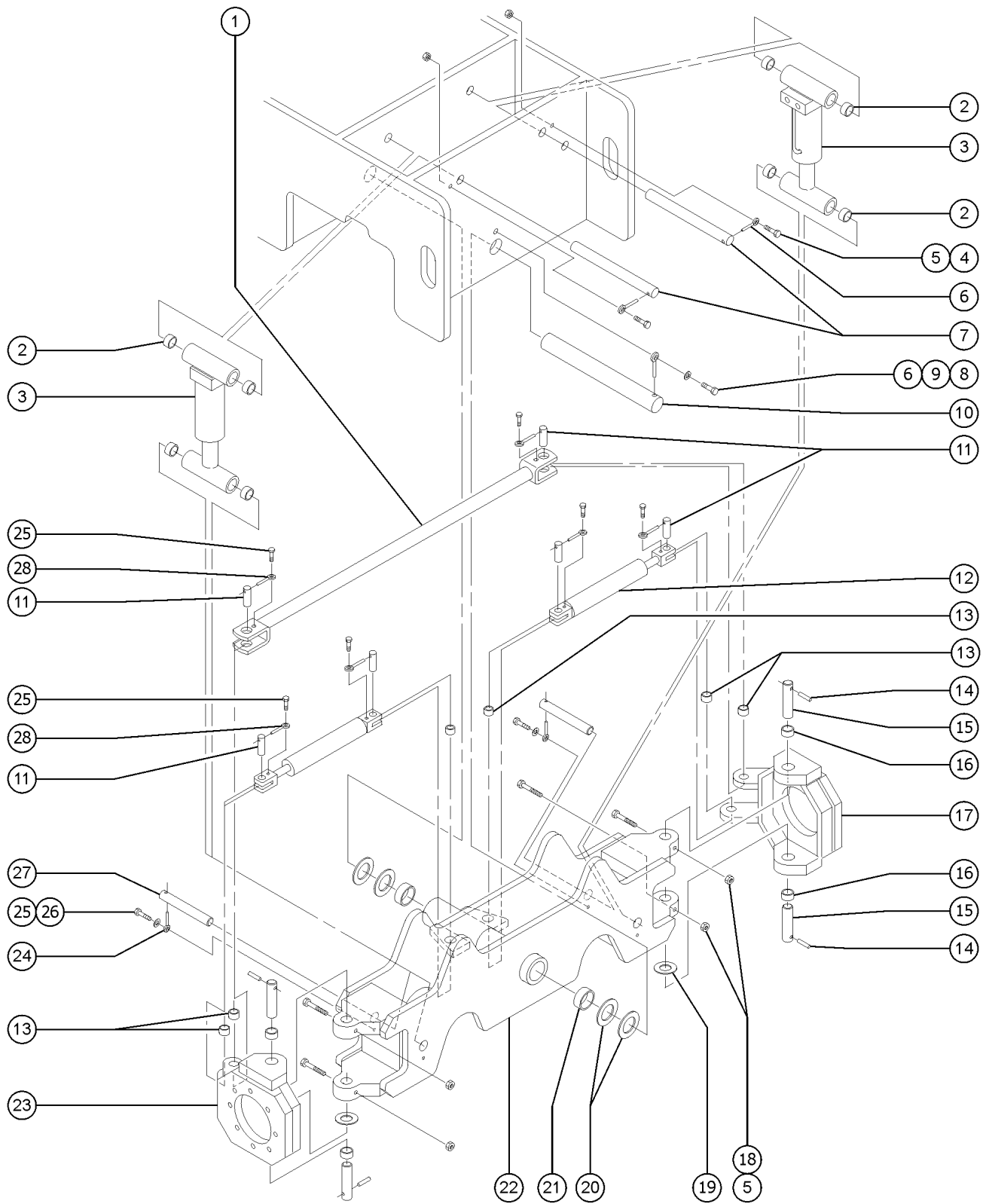
208.1 2WD Hydraulic Hoses and Fittings - Oscillation System



208.1 2WD Hydraulic Hoses and Fittings - Oscillation System

Item	Part No.	Description	Qty.
--	49612GT	O-RING KIT (ORFS FITTINGS)	
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48918GT	TEE,RUN,520428-6.....	2
2	48916GT	FITTING,CONN,520120-6.....	8
3	49104-1400GT	HOSE ASSEMBLY-3/8" 100R2.....	2
4	49104-14300GT	HOSE ASSEMBLY-3/8" 100R2.....	2
5	49104-6909GT	HOSE ASSEMBLY,3/8".....	1
6	48915GT	ELBOW,90D,520220-6.....	1
7	48934GT	CONN,LONG,520122-8.....	1
8	49143-7350GT	HOSE ASSY,1/2,90 FEM,STR FEM.....	1
9	48938GT	FITTING,TEE,RUN,SWIVEL520432-8.....	1
10	49141-1475GT	HOSE ASSY,1/2,45 FEM,STR FEM.....	1
11	48930GT	CONN,520120-6-8.....	1
12	48933GT	CONN,520120-8***.....	1
13	48932GT	FITTING,ELBOW,90D,520220-8***.....	1
14	49102-1903GT	HOSE ASSEMBLY,3/8".....	1
15	49104-1859GT	HOSE ASSEMBLY,3/8".....	1

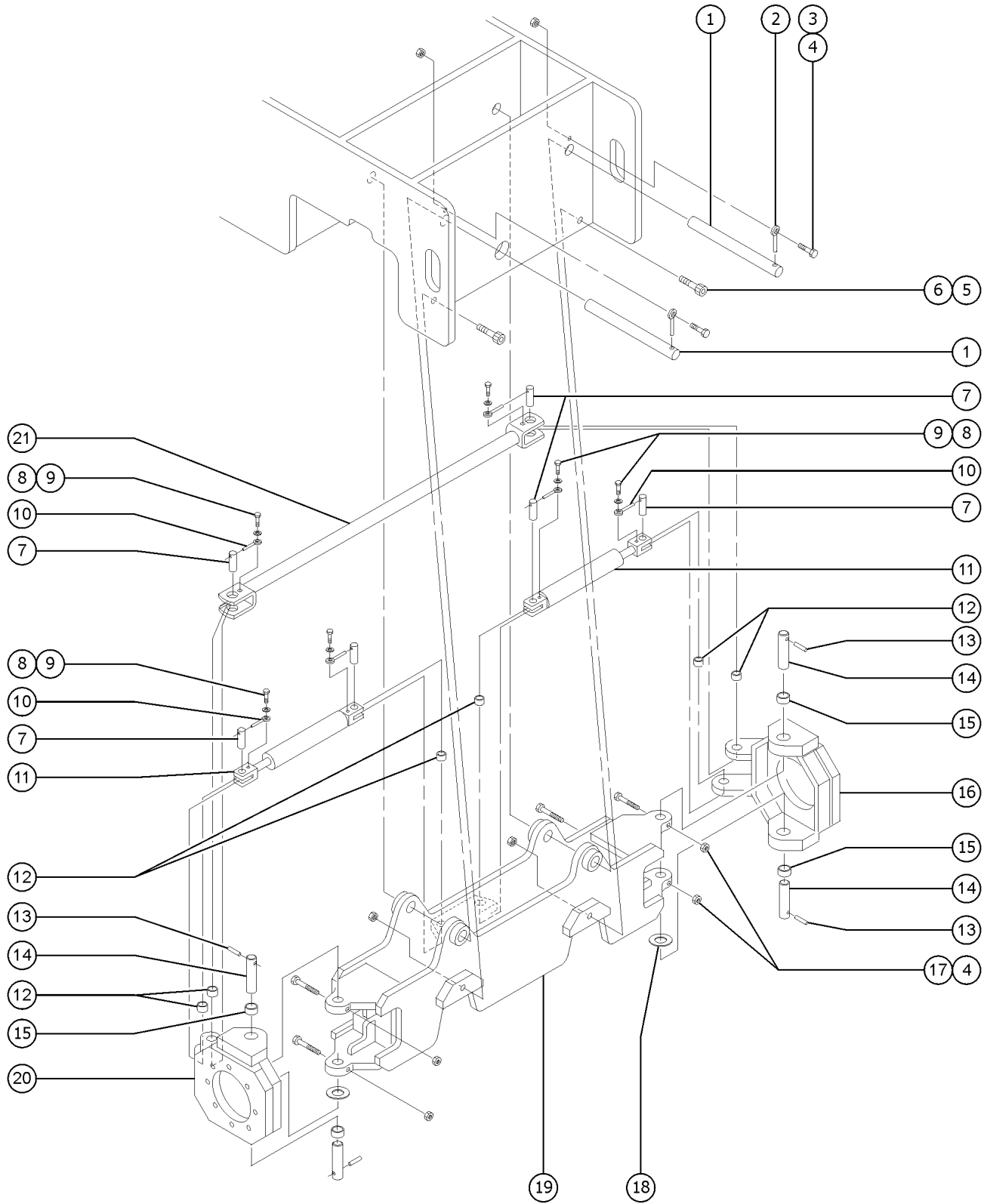
301.1 Steer Axle Linkage - Oscillating Models



301.1 Steer Axle Linkage - Oscillating Models

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	63156GT	TIE ROD WELDMENT,S60***.....	1	23	33941GT	YOKE ASSEMBLY, RIGHT SIDE 4WD....1 <i>includes 2 each Index No's. 13 and 16</i>	1
2	45072GT	BEARING,GARLOCK,24DU24.....	8	24	45226GT	ROD END,.375 X 3.69.....	2
3	1264673GT	CYLINDER, OSCILLATE, S60.....2 <i>includes 4 each Index No. 2</i>	2	25	6175GT	SCREW,HHC,3/8-16 X 1.....	8
--	33428GT	VALVE,COUNTERBALANCE.....	2	26	6021GT	WASHER, LOCK, .375.....	2
--	63355GT	SEAL KIT CYL.S60(63215).....	2	27	47955GT	PIN,1.50DIAX10.45LG,1HOLE.....	2
4	6096GT	SCREW,HHC,1/2-13 X 2 GR5.....	3	28	25284GT	ROD END,.375 X 2.25***.....	6
5	6086GT	NUT,LP NYLOCK,1/2-13.....	6				
6	30418GT	ROD END,0.5 X 3.75***.....	3				
7	30731GT	PIN,PRIM.Boom,16.0 X 1.5 INCH.....	2				
8	8177GT	SCREW,HHC,1/2-13 X 1.5.....	1				
9	6033GT	WASHER,LOCK,0.5".....	1				
10	34642GT	PIN,2.50DIAX23.38LG,1HOLE.....	1				
11A	30734GT	PIN,1.00DIAX2.88LG,1HOLE.....6 <i>measure before ordering</i>	6				
11B	34276GT	PIN,1.25DIAX3.37LG,1HOLE <i>measure before ordering</i>					
12A	53463GT	KIT,STEER CYLINDER,RETRO S60**....2 <i>to SN 3908; includes 88346</i>	2				
12B	88346GT	CYLINDER,S60/65 STEER***.....2 <i>from SN 3909</i>	2				
--	59050GT	SEAL KIT,2.5" BORE,1.5" ROD***.....2 <i>for cylinder 59000; check stamp on part prior to ordering</i>	2				
--	59437GT	SEAL KIT,2.5" BORE 1.5" ROD***.....2 <i>for cylinder 59227; check stamp on part prior to ordering</i>	2				
--	88347GT	SEAL KIT,STEER CYL,S60/65***.....2 <i>for cylinder 88346; check stamp on part prior to ordering</i>	2				
13A	53452GT	BEARING,1.00IDX1.50ODX1.00L.....6 <i>measure before ordering</i>	6				
13B	30370GT	BEARING,1.25IDX1.50ODX1.00L <i>measure before ordering</i>					
14	14815GT	PIN,ROLL,SST,.25 X 2.25.....	4				
15A	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360.....4 <i>top pin with mounting hole in top</i>	4				
15B	53081GT	PIN,1.50DIAX4.76LG,2HOLE.....4 <i>lower pin</i>	4				
16	45071GT	BEARING,1.5IDX1.75ODX1.5L.....	4				
17	33942GT	YOKE ASSEMBLY, LEFT SIDE 4WD.....1 <i>includes 2 each Index No's. 13 and 16</i>	1				
18	8220GT	SCREW,HHC,1/2-13 X 4.....	4				
19	45074GT	WASHER,THRUST,1.5 X 3.5 X .187.....	2				
20	29746GT	WASHER,FLAT,2.5 X 4 X .062					
21	27698GT	BEARING,2.50IDX2.75ODX2.00L.....	2				
22	33908GT	STEER AXLE ASSEMBLY, OSC, S-60....1 <i>includes 2 each Index No's. 13 and 21</i>	1				

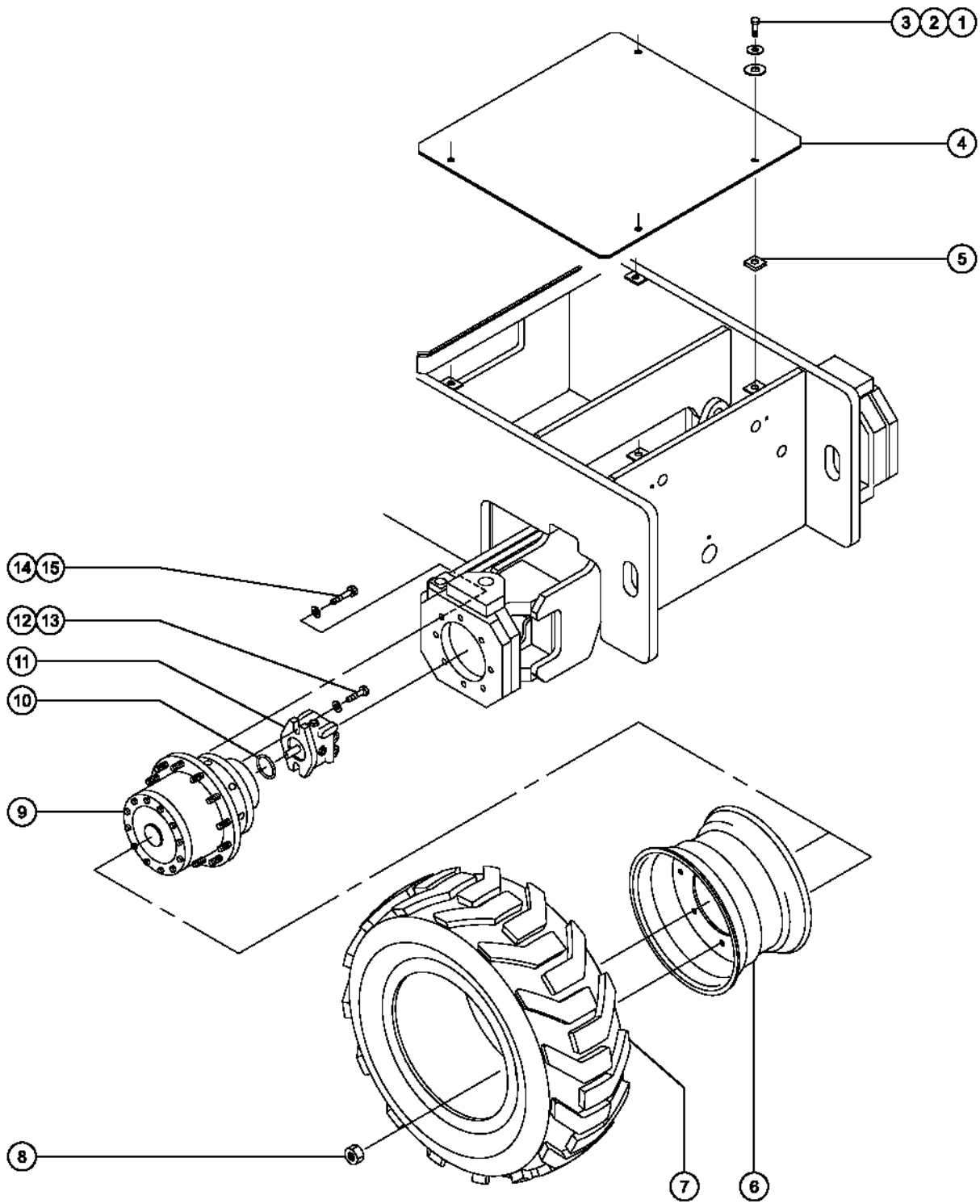
302.1 Steer Axle Linkage - Non-oscillating Models



302.1 Steer Axle Linkage - Non-oscillating Models

Item	Part No.	Description	Qty.
1	30731GT	PIN,PRIM.Boom,16.0 X 1.5 INCH.....	2
2	30418GT	ROD END,0.5 X 3.75***	2
3	6096GT	SCREW,HHC,1/2-13 X 2 GR5.....	2
4	6086GT	NUT,LP NYLOCK,1/2-13.....	6
5	45066GT	SCREW,SHC,5/8-11 X 2.25.....	2
6	6024GT	NUT,NYLOCK,5/8-11.....	2
7A	30734GT	PIN,1.00DIA X 2.88LG,1HOLE..... <i>measure before ordering</i>	6
7B	34276GT	PIN,1.25DIA X 3.37LG,1HOLE <i>measure before ordering</i>	
8	6175GT	SCREW,HHC,3/8-16 X 1.....	6
9	6021GT	WASHER, LOCK, .375.....	6
10	25284GT	ROD END,.375 X 2.25***	6
--	59050GT	SEAL KIT,2.5" BORE,1.5" ROD***	2
		<i>for cylinder 59000; check stamp on part prior to ordering</i>	
--	59437GT	SEAL KIT,2.5" BORE 1.5" ROD***	2
		<i>for cylinder 59227; check stamp on part prior to ordering</i>	
--	88347GT	SEAL KIT,STEER CYL,S60/65***	2
		<i>for cylinder 88346; check stamp on part prior to ordering</i>	
11A	53463GT	KIT,STEER CYLINDER,RETRO S60**	2
		<i>to SN 3908; includes 88346</i>	
11B	88346GT	CYLINDER,S60/65 STEER***	2
		<i>from SN 3909</i>	
12A	53452GT	BEARING,1.00IDX1.50ODX1.00L.....	6
		<i>measure before ordering</i>	
12B	30370GT	BEARING,1.25IDX1.50ODX1.00L <i>measure before ordering</i>	
13	14815GT	PIN,ROLL,SST,.25 X 2.25.....	4
14A	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360.....	1
		<i>top pin</i>	
14B	53081GT	PIN,1.50DIA X 4.76LG,2HOLE.....	4
		<i>lower pin</i>	
15	45071GT	BEARING,1.5IDX1.75ODX1.5L.....	4
16	33942GT	YOKE ASSEMBLY, LEFT SIDE 4WD.....	1
		<i>includes 2 each Index No's. 12 and 15</i>	
17	8220GT	SCREW,HHC,1/2-13 X 4.....	4
18	45074GT	WASHER,THRUST,1.5 X 3.5 X .187.....	2
19	33943GT	STEER AXLE ASSY, NON OSC,S-60.....	1
		<i>includes 2 each Index No. 12</i>	
20	33941GT	YOKE ASSEMBLY, RIGHT SIDE 4WD....	1
		<i>includes 2 each Index No's. 12 and 15</i>	
21	63156GT	TIE ROD WELDMENT,S60***	1

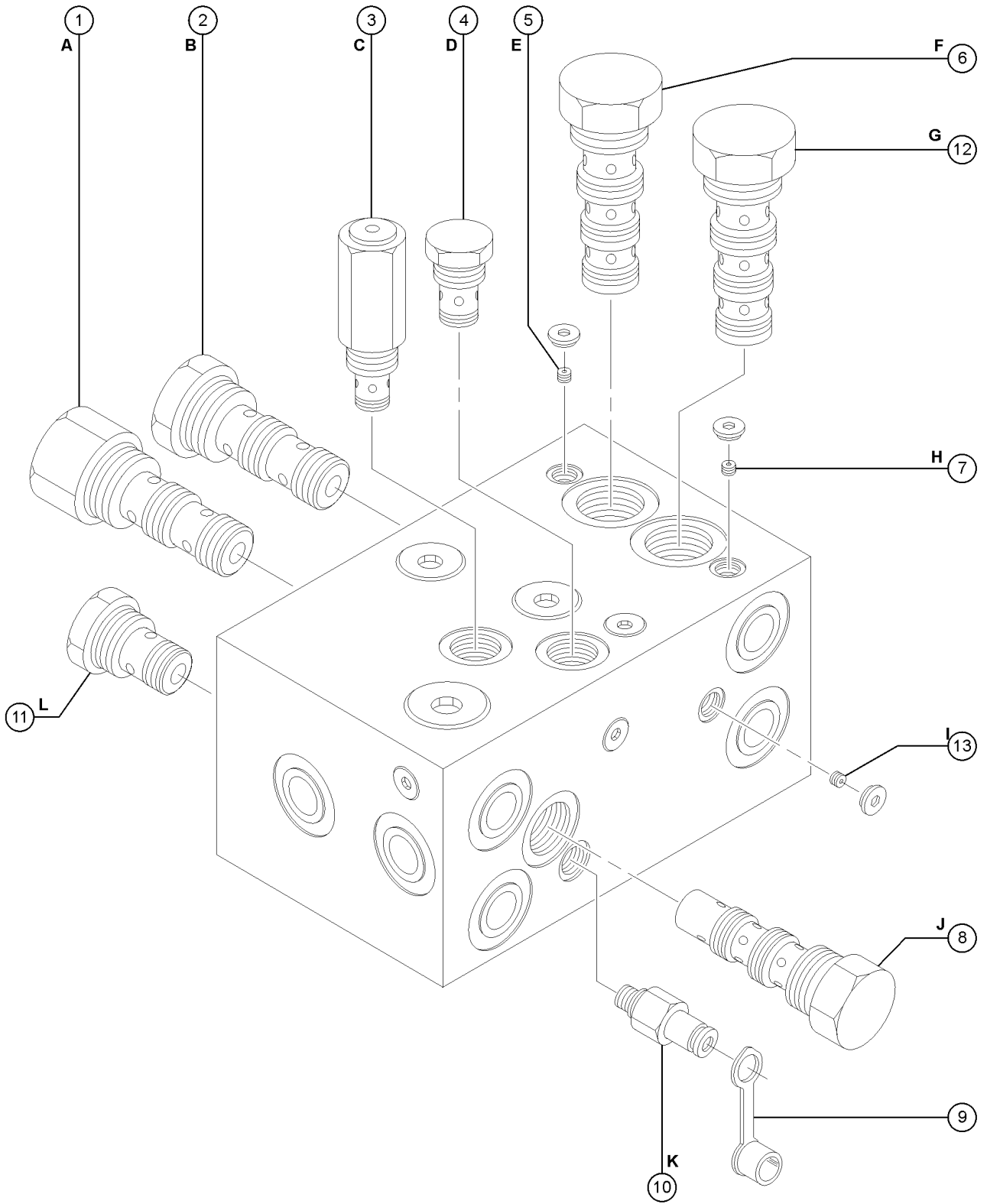
303.1 Steer Axle - Wheels and Hubs



303.1 Steer Axle - Wheels and Hubs

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6090GT	SCREW,HHC,1/4-20 X .75.....	4	12	8177GT	SCREW,HHC,1/2-13 X 1.5.....	4
2	6356GT	WASHER, LOCK, .25.....	4	13	13066GT	WASHER,FLAT,.5 HARDENED.....	4
3	6638GT	WASHER,FLAT,USS,1/4"Y.....	4	14	45066GT	SCREW,SHC,5/8-11 X 2.25.....	16
4	33448GT	COVER W/DECALS,DR.CHAS.STR.END.....	1	15	13064GT	WASHER,FLAT,.625 HARDENED.....	16
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.5, ZAG.....	4				
6	73184GT	WHEEL,19.5 X 11.75,10 HOLE***.....	2				
--	73180GT	TIRE & WHEEL RH, AIR S60***					
--	73181GT	TIRE & WHEEL LH, AIR S60					
--	73182GT	TIRE & WHEEL ASSY.RIGHT,FF S60					
--	73183GT	TIRE & WHEEL ASSY.LEFT,FF S60					
--	73206GT	TIRE&WHEEL ASSY R,AF,NON-MARKI					
--	73207GT	TIRE&WHEEL ASSY L,AF,NON-MARKI					
7	73185GT	TIRE,38/65D-19.5,16PLY,OTR*.....	2				
--	73210GT	TIRE,385 19.5,16PLY,NON-MARKI.....	2				
8	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS.....	20				
--	147558GT	KIT,BEARING,TAPERED,OUTER*** <i>(for 33434 and 53483 wheel drive)</i>					
--	147559GT	KIT,BEARING,TAPERED,INNER*** <i>(for 33434 and 53483 wheel drive)</i>					
--	33440GT	SEAL KIT,TORQUE HUB (34115)***					
--	33441GT	STUD,WHEEL,3/4-16, (34115)					
--	33989PGT	COVER, TORQUE HUB,PAINTED GRAY					
--	33990GT	O-RING, TORQUE HUB COVER					
--	33991GT	ACTUATOR,FOR/DISCONNECT ROD....	2				
--	33992GT	DISCONNECT ROD, TORQUE HUB					
--	58238GT	BEARING KIT,WHEEL DRIVE,S60***					
--	58283GT	BOLT,COVER,WHEEL DRIVE,W3***					
--	65855GT	SNAP RING, W3/W6 TORQUE HUB* <i>(for 33434 and 53483 wheel drive)</i>					
--	72288GT	COUPLER, METAL(53483) <i>(for 33434 and 53483 wheel drive)</i>					
--	83084GT	SEAL,LIP (33434)***					
9A	33434GT	WHEEL DRIVE,W3 73:1***..... <i>to SN 7809</i>	2				
9B	53483GT	WHEEL DRIVE,HW3 87:1***..... <i>from SN 7810</i>	2				
--	58284GT	COVER PLATE,WHEEL DRIVE,HW3*** <i>(for 53483)</i>					
10	33433GT	O-RING,MOTOR TORQUE HUB 34115..... <i>measures approx 4" x 0.0625"</i>	2				
11	139962GT	MOTOR,WHEEL,25CC FIXED***..... <i>includes Index No. 10; to SN 7809</i>	2				
--	32675GT	SEAL KIT,SUNSTRAND.....	2				
--	73238GT	MOTOR,HYD DRIVE,2SPEED,4WD..... <i>from SN 7810</i>	2				

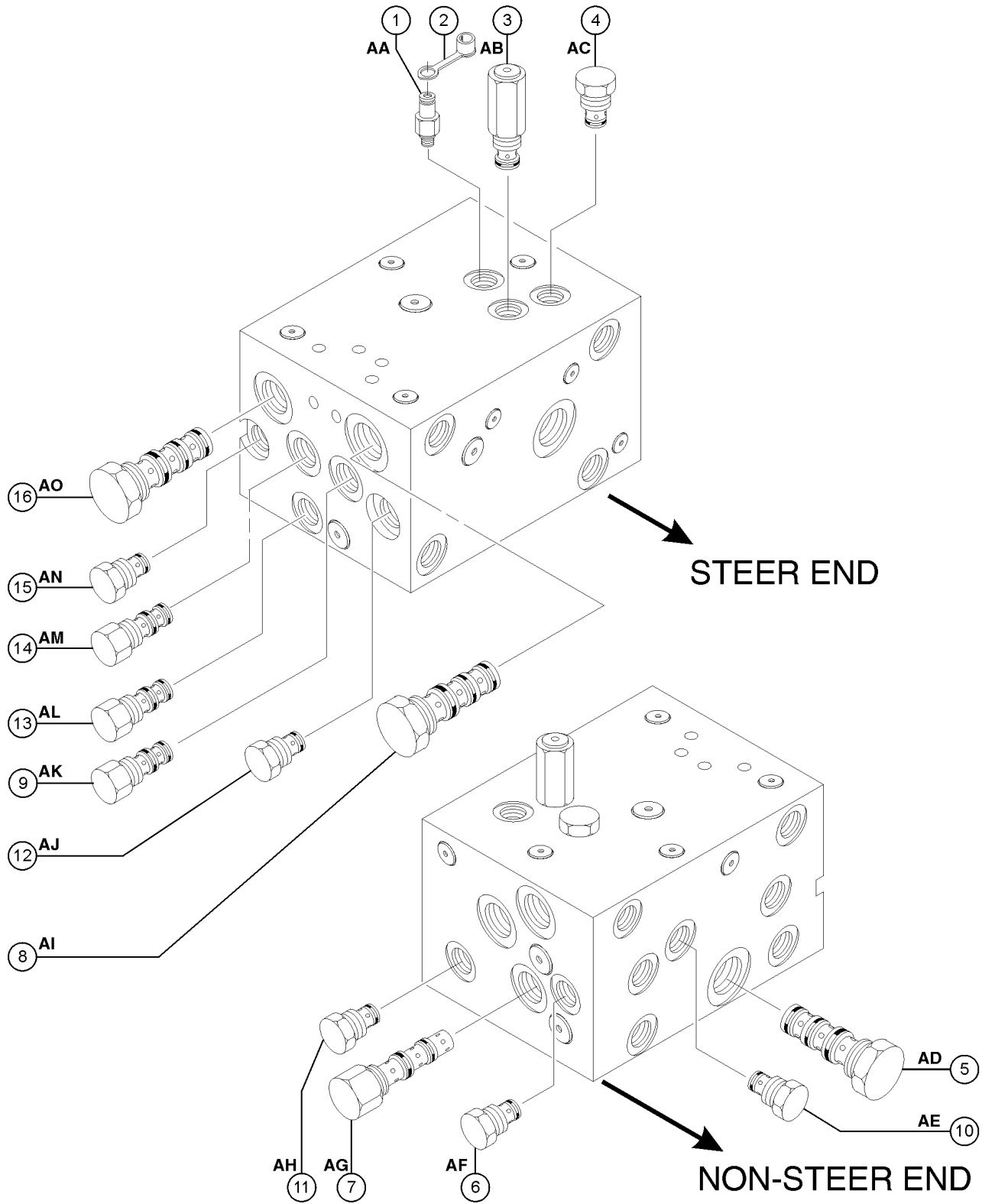
304.1 Drive Manifold (to SN 7809)



304.1 Drive Manifold (to SN 7809)

Item	Part No.	Description	Qty.
--	25375GT	KIT, O-RING	
--	25505GT	MANIFOLD,TRACTION,4WD <i>(before ordering, check part number stamped on manifold)</i>	
--	40033GT	MANIFOLD,TRCN W/BYPASS,4WD*** <i>includes index numbers 1 through 8 and 11 (before ordering, check part number stamped on manifold)</i>	
--	49612GT	O-RING KIT (ORFS FITTINGS)	
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48658GT	VALVE,DIRECT. CONTROL,4WD S60....1 <i>A, Divider bypass control</i>	
--	84135GT	SEAL KIT, VALVE	
2	33521GT	VALVE,FLOW DIVIDER/COMBINER.....1 <i>B, Drive circuit</i>	
--	84135GT	SEAL KIT, VALVE	
3	43597GT	VALVE,RELIEF,210 PSI.....1 <i>C, Charge pressure circuit</i>	
--	110194GT	SEAL KIT, VALVE, #10	
4	33562GT	VALVE,CHECK,PILOT OPERATED.....1 <i>D, Divider bypass circuit</i>	
--	89310GT	SEAL KIT, SOLENOID VALVE	
5	29737GT	PLUG,ORIFICE,0.052 INCH.....1 <i>E, Drive motor orifice</i>	
6	52726GT	VALVE,FLOW DIVIDER/COMBINER.....1 <i>F, Front wheel drive circuit</i>	
--	84135GT	SEAL KIT, VALVE	
7	33520GT	PLUG,ORIFICE,0.070.....1 <i>H, Rear motor drive orifice</i>	
8	27761GT	VALVE,SHUTTLE.....1 <i>J, Hot oil shuttle</i>	
--	84134GT	SEAL KIT, VALVE	
9	48997GT	NIPPLE,DIAGNOSTIC,#4.....1	
10	48880GT	CAP,DIAGNOSTIC NIPPLE.....1 <i>K, Testing</i>	
--	20224GT	DIAGNOSTIC FEMALE Q-DSCNT.....1	
11	23938GT	VALVE,CHECK 45027,20419.....1 <i>L, Divider bypass circuit</i>	
--	110194GT	SEAL KIT, VALVE, #10	
12	52726GT	VALVE,FLOW DIVIDER/COMBINER.....1 <i>G, Front wheel drive drive circuit</i>	
--	84135GT	SEAL KIT, VALVE	
13	33520GT	PLUG,ORIFICE,0.070.....1 <i>I, Rear motor drive orifice</i>	

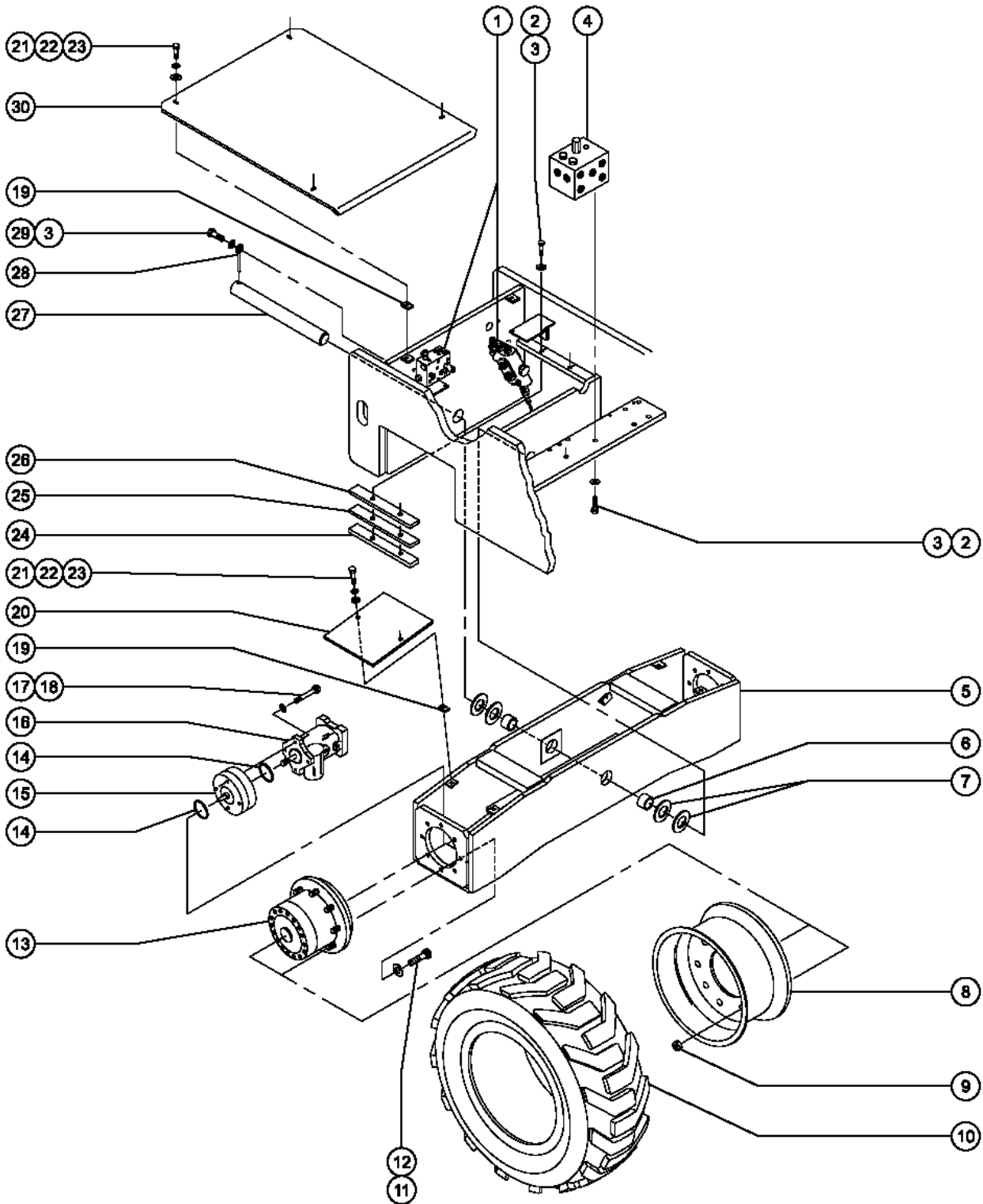
304.2 Drive Manifold (from SN 7810 to 09153)



304.2 Drive Manifold (from SN 7810 to 09153)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--		Ref. MANIFOLD,TRACTION, 4WD <i>(refer to 304.3)</i>		16	62252GT	VALVE, FLOW DIVIDER COMBINER.....1 <i>AO, Rear Wheel Drive Circuit</i>	
--	25375GT	KIT, O-RING		--	84135GT	SEAL KIT, VALVE	
--	49612GT	O-RING KIT (ORFS FITTINGS)					
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*					
1	48997GT	NIPPLE,DIAGNOSTIC,#4.....1 <i>AA, Testing</i>					
--	20224GT	DIAGNOSTIC FEMALE Q-DSCNT.....1					
2	48880GT	CAP,DIAGNOSTIC NIPPLE.....1					
3	62253GT	VALVE,RELIEF,250 PSI.....1 <i>AB, Charge pressure circuit</i>					
--	74902GT	SEAL KIT, VALVE					
4	69873GT	VALVE, CHECK.....1 <i>AC, Motor anti-cavitation</i>					
--	74902GT	SEAL KIT, VALVE					
5	52726GT	VALVE,FLOW DIVIDER/COMBINER.....1 <i>AD, drive circuit</i>					
--	84135GT	SEAL KIT, VALVE					
6	27836GT	VALVE,CHECK,5 PSI.....1 <i>AF, drive motor anti-cavitation</i>					
--	110194GT	SEAL KIT, VALVE, #10					
7	27761GT	VALVE,SHUTTLE.....1 <i>AG, hot oil shuttle</i>					
--	84134GT	SEAL KIT, VALVE					
8	62252GT	VALVE, FLOW DIVIDER COMBINER.....1 <i>AI, front wheel drive circuit</i>					
--	84135GT	SEAL KIT, VALVE					
9	52723GT	VALVE-FLOW REGULATOR 2 GPM.....1 <i>AK, drive circuit</i>					
--	89310GT	SEAL KIT, SOLENOID VALVE					
10	69873GT	VALVE, CHECK.....1 <i>AE, Drive Motor Anti-cavitation</i>					
--	74902GT	SEAL KIT, VALVE					
11	27836GT	VALVE,CHECK,5 PSI.....1 <i>AH, Drive Motor Anti-cavitation</i>					
--	110194GT	SEAL KIT, VALVE, #10					
12	69873GT	VALVE, CHECK.....1 <i>AJ, Drive Motor Anti-cavitation</i>					
--	74902GT	SEAL KIT, VALVE					
13	52723GT	VALVE-FLOW REGULATOR 2 GPM.....1 <i>AL, Drive Circuit</i>					
--	89310GT	SEAL KIT, SOLENOID VALVE					
14	52723GT	VALVE-FLOW REGULATOR 2 GPM.....1 <i>AM, Drive Circuit</i>					
--	89310GT	SEAL KIT, SOLENOID VALVE					
15	69873GT	VALVE, CHECK.....1 <i>AN, Drive Motor Anti-cavitation</i>					
--	74902GT	SEAL KIT, VALVE					

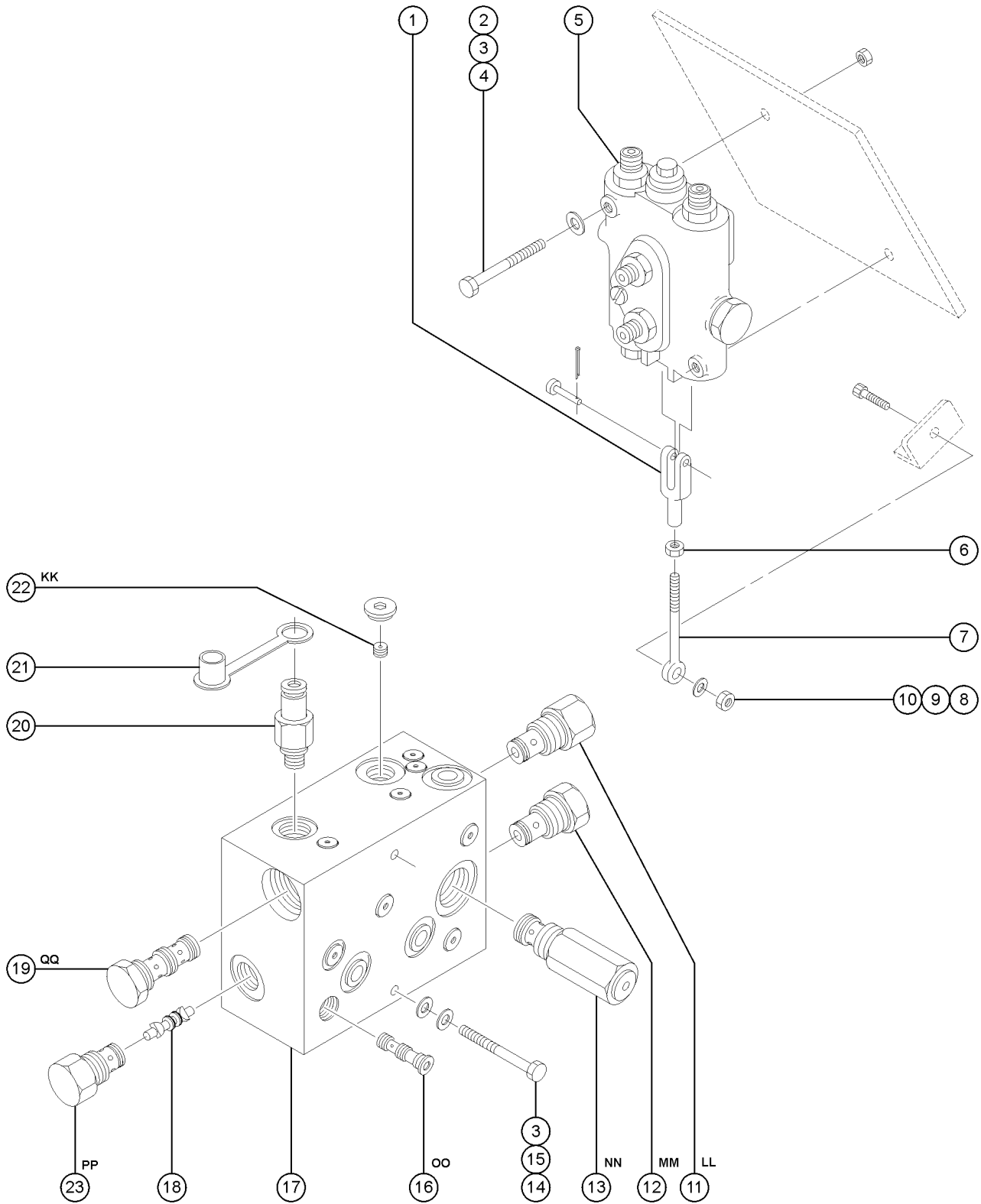
305.1 Non-steer Axle



305.1 Non-steer Axle

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Ref. Oscillation Manifold and Control Valve <i>refer to section 306.1</i>		--	58284GT	COVER PLATE,WHEEL DRIVE,HW3*** <i>(for 53483)</i>	
2	8177GT	SCREW,HHC,1/2-13 X 1.5.....	6	14	22811GT	O-RING,MOTOR TO BRAKE***.....	4
3	6033GT	WASHER,LOCK,0.5".....	7			<i>measures approx 4" x 0.10"</i>	
4	40033GT	MANIFOLD,TRCN W/BYPASS,4WD*** ..	7	15A	41914GT	BRAKE,MICO,1400 IN.LBS. **	2
5	33945GT	NON-STEER AXLE ASSEMBLY S60%%.....	1			<i>includes 1 each Index No. 14; to SN 7809</i>	
		<i>includes Index No. 6</i>		--	29291GT	SEAL KIT,MICO <i>for 73898</i>	
6	34639GT	BEARING,2.5"ID X 2.75 X 2.25"L.....	2	--	29293GT	BEARING KIT,MICO	
		<i>to SN 7820</i>		--	41918GT	LINING KIT,MICO BRAKE	
--	27698GT	BEARING,2.50IDX2.75ODX2.00L.....	2	--	41921GT	SEAL KIT,BRAKE,MICO <i>for 41914</i>	
		<i>from SN 7821</i>		15B	73899GT	BRAKE, WHEEL, 1600 INLB.....	2
7	29746GT	WASHER,FLAT,2.5 X 4 X .062				<i>from SN 7810</i>	
8	73184GT	WHEEL,19.5 X 11.75,10 HOLE***	2	--	77239GT	LINING KIT,AUSCO BRAKE***	
--	73180GT	TIRE & WHEEL RH, AIR S60***	2	--	77240GT	SEAL KIT, AUSCO BRAKE***	
--	73181GT	TIRE & WHEEL LH, AIR S60.....	2	16A	24667GT	DRVE MOTOR REAR,4WD/1DEGREE...2	
--	73182GT	TIRE & WHEEL ASSY.RIGHT,FF S60.....	2			<i>includes 1 each Index No. 14; to SN 7809</i>	
--	73183GT	TIRE & WHEEL ASSY.LEFT,FF S60.....	2	--	49897GT	GASKET,TURTLE,DRV MTR,EDC	
--	73206GT	TIRE&WHEEL ASSY R,AF,NON-MARKI.....	2	--	65865GT	SEAL KIT, SUNSTRAND.....	2
--	73207GT	TIRE&WHEEL ASSY L,AF,NON-MARKI.....	2	--	83081GT	COVER, SERVO (24667)	
9	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS.....	20	16B	73238GT	MOTOR,HYD DRIVE,2SPEED,4WD.....2	
10	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2			<i>from SN 7810</i>	
--	73210GT	TIRE,385 19.5,16PLY,NON-MARKI.....	2	17	7261GT	SCREW,HHC,1/2-13 X 5 BLACK.....	4
11	45066GT	SCREW,SHC,5/8-11 X 2.25.....	16	18	13066GT	WASHER,FLAT,.5 HARDENED.....	4
12	13064GT	WASHER,FLAT,.625 HARDENED.....	16	19	56912GT	SPRING CLIP,1/4-20,.025-.15X.5, ZAG.....	8
13A	33434GT	WHEEL DRIVE,W3 73:1***	2	20	34409P-SGT	COVER,REAR AXLE BLUE.....	2
		<i>to SN 7809</i>		21	6090GT	SCREW,HHC,1/4-20 X .75.....	8
--	147558GT	KIT,BEARING,TAPERED,OUTER*** <i>(for 33434 and 53483 wheel drive)</i>		22	6356GT	WASHER, LOCK, .25.....	8
--	147559GT	KIT,BEARING,TAPERED,INNER*** <i>(for 33434 and 53483 wheel drive)</i>		23	6638GT	WASHER,FLAT,USS,1/4"Y.....	8
--	33440GT	SEAL KIT,TORQUE HUB (34115)***		24	34217P-SGT	BAR,AXLE ROTATION STOP,PAINTED.....	2
--	33441GT	STUD,WHEEL,3/4-16, (34115)				<i>non-oscillating models</i>	
--	33989PGT	COVER, TORQUE HUB,PAINTED GRAY		--	34218P-SGT	BAR,AXLE ROTATION STOP,OSC.....2	
--	33990GT	O-RING, TORQUE HUB COVER				<i>non-oscillating models</i>	
--	33991GT	ACTUATOR,FOR/DISCONNECT ROD		25	34215GT	SHIM,AXLE ROTATION STOP,12GA.....	2-as-needed
--	33992GT	DISCONNECT ROD, TORQUE HUB.....2		26	34216GT	SHIM,AXLE ROTATION STOP,22GA.....	2-as-needed
--	58238GT	BEARING KIT,WHEEL DRIVE,S60***		27	34273GT	PIN,2.50DIA X 21.12LG,1HOLE.....	1
--	58283GT	BOLT,COVER,WHEEL DRIVE,W3***		28	30418GT	ROD END,0.5 X 3.75***	1
--	65855GT	SNAP RING, W3/W6 TORQUE HUB* <i>(for 33434 and 53483 wheel drive)</i>		29	6096GT	SCREW,HHC,1/2-13 X 2 GR5.....	1
--	72288GT	COUPLER, METAL(53483) <i>(for 33434 and 53483 wheel drive)</i>		30A	58021GT	DRIV CHAS COVER ASSY N/S END.....1	
--	83084GT	SEAL,LIP (33434)***				<i>sloped cover</i>	
13B	53483GT	WHEEL DRIVE,HW3 87:1***	2	30B	33944GT	COVR W/DECLS,DR CHAS,NS END.....1	
		<i>from SN 7810</i>					

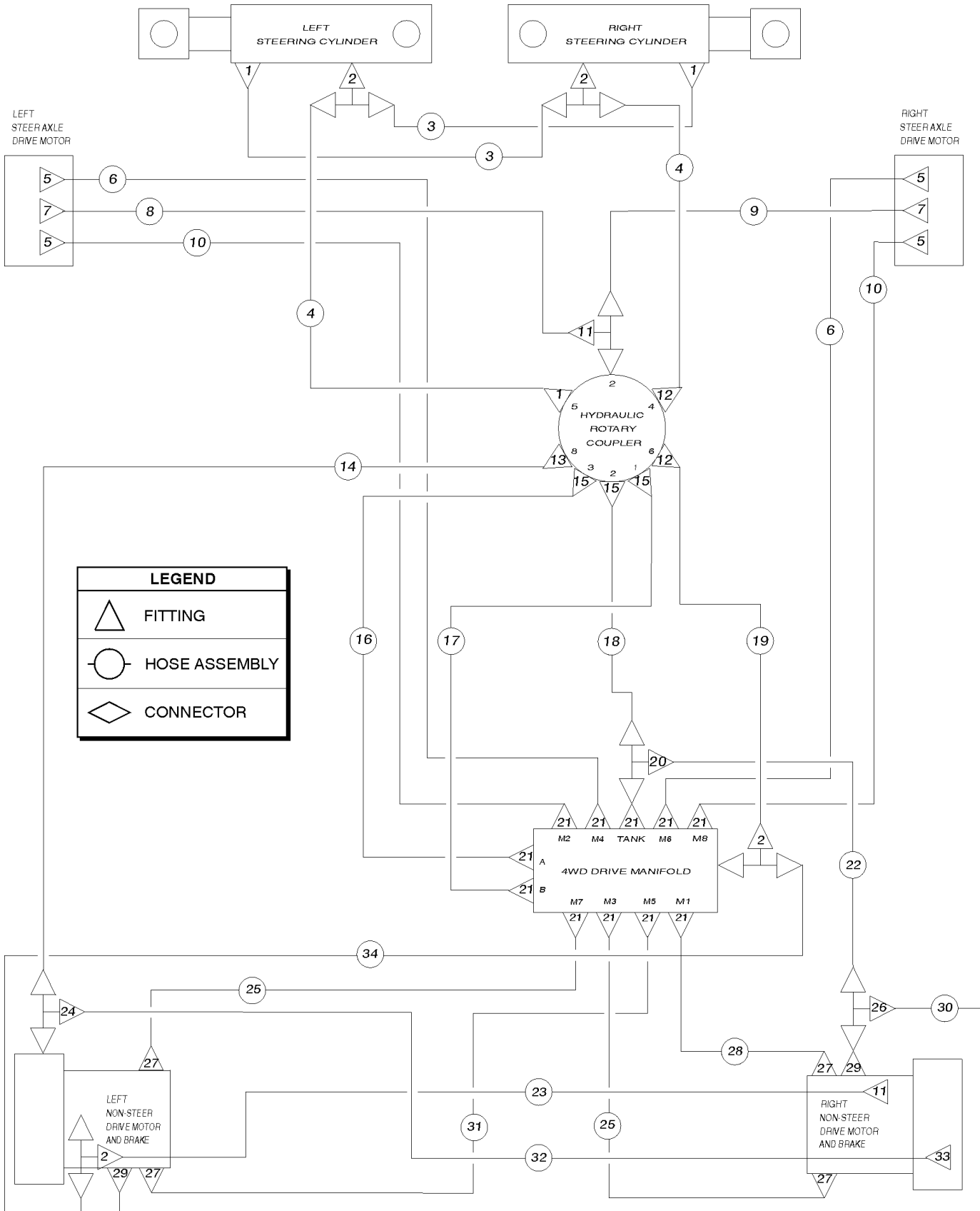
306.1 Oscillation Manifold and Control Valve



306.1 Oscillation Manifold and Control Valve

Item	Part No.	Description	Qty.
--	49612GT	O-RING KIT (ORFS FITTINGS)	
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN.....1 <i>includes clevis pin and cotter pin</i>	
2	6884GT	SCREW,HHC,1/4-20 X 2.5.....2	
3	6638GT	WASHER,FLAT,USS,1/4"Y.....4	
4	6091GT	NUT,NYLOCK,1/4-20.....2	
5	30558GT	VLV,MAN,3 POS/4 WAY,OPEN CTR.....1	
--	32681GT	SEAL KIT,CONTROL VALVE.....1	
6	21496GT	NUT,HEX,1/4-28.....1	
7	34858GT	ROD END,1/4-28 OSC.LINKAGE.....1	
8	5365GT	NUT,NYLOCK,10-24.....1	
9	6146GT	WASHER,FLAT,MS,#10,Y.....1	
10	6584GT	SCREW,SHS,10-24 X .625.....1	
11	27532GT	VALVE,DIFFERENTIAL SENSING.....1 <i>LL, Differential sensing circuit</i>	
--	110197GT	SEAL KIT, VALVE, #10	
12	32725GT	VALVE,CHECK (30797).....2 <i>MM, Oscillate check - left</i>	
--	110194GT	SEAL KIT, VALVE, #10	
13	37050GT	VALVE,UNLOADER,P.O.....1 <i>NN, Sequencing</i>	
14	12343GT	SCREW,HHC,1/4-20 X 3.....2	
15	6356GT	WASHER, LOCK, .25.....2	
16	45483GT	VALVE,SHUTTLE***.....1 <i>OO, Pilot</i>	
17	30797GT	MANIFOLD,OSCILLATION.....1 <i>includes Index No's. 11 through 13 and 16, 18, 19 and 22</i>	
--	25375GT	KIT, O-RING.....1	
18	32724GT	PISTON (30797).....1	
19	32723GT	VALVE,SHUTTLE (30797).....1 <i>QQ, Unloading</i>	
--	110197GT	SEAL KIT, VALVE, #10	
20	48997GT	NIPPLE,DIAGNOSTIC,#4.....1	
--	20224GT	DIAGNOSTIC FEMALE Q-DSCNT.....1	
21	48880GT	CAP,DIAGNOSTIC NIPPLE.....1	
22	29737GT	PLUG,ORIFICE,0.052 INCH.....1 <i>KK, Differential sensing circuit</i>	
23	32725GT	VALVE,CHECK (30797) <i>PP, Oscillate check - right</i>	

307.1 Hydraulic Hoses and Fittings - Drive and Steer Systems

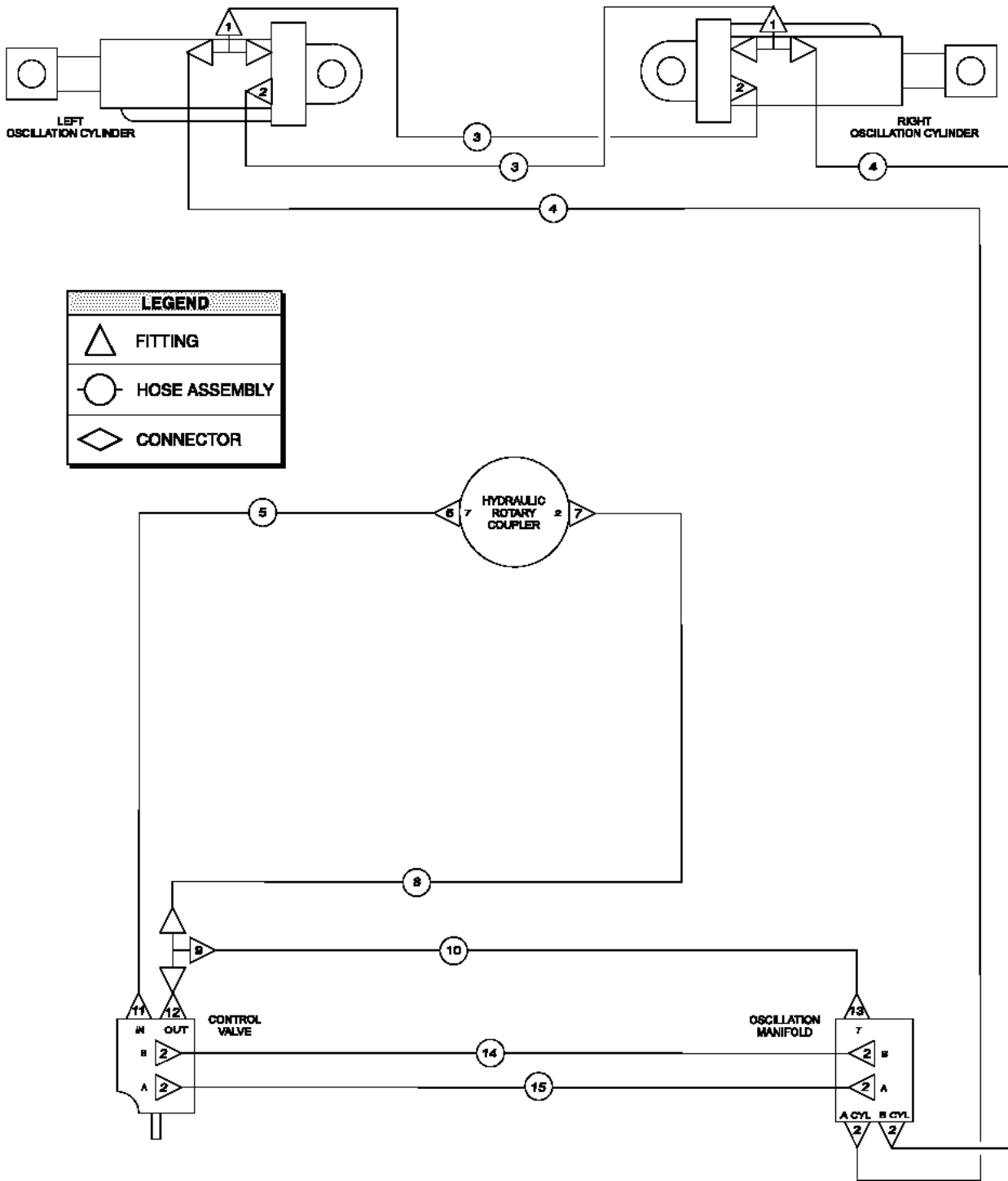


LEGEND	
	FITTING
	HOSE ASSEMBLY
	CONNECTOR

307.1 Hydraulic Hoses and Fittings - Drive and Steer Systems

Item	Part No.	Description	Qty.
--	49612GT	O-RING KIT (ORFS FITTINGS)	
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48916GT	FITTING,CONN,520120-6.....	3
2	48918GT	TEE,RUN,520428-6.....	4
3	49105-2750GT	HOSE ASSEMBLY-3/8" 100R2.....	2
4	49104-6400GT	HOSE ASSEMBLY-3/8" 100R2.....	2
5	48975GT	CONN,520120-12-10.....	4
6	49154-12650GT	HOSE ASSEMBLY-3/4" 100R12.....	2
7	48933GT	CONN,520120-8***.....	2
8	49137-9141GT	HOSE ASSEMBLY,1/2".....	1
9	49137-9141GT	HOSE ASSEMBLY,1/2".....	1
10	49154-12650GT	HOSE ASSEMBLY-3/4" 100R12.....	2
11	48935GT	TEE,RUN,520428-8.....	1
12	48915GT	ELBOW,90D,520220-6.....	3
13	48983GT	ELBOW,90D,520220-16.....	1
14	49117-8491GT	HOSE ASSY,1/4,90 FEM,STR FEM.....	1
15	48963GT	FITTING,ELBOW,45D,520320-12***.....	3
16	49154-3700GT	HOSE ASSEMBLY-3/4" 100R12.....	1
17	49156-3500GT	HOSE ASSY,3/4,90 FEM,STR FEM.....	1
18	49151-2400GT	HOSE ASSY,3/4,STR FEM,STR FEM.....	1
19	49130-5400GT	HOSE ASSY,3/8,STR FEM,STR FEM.....	1
20	48964GT	FITTING,TEE,RUN,SWIVEL52043212....	1
21	48960GT	FITTING,CONN,520120-12.....	11
22	49140-5600GT	HOSE ASSEMBLY-1/2".....	1
23	49130-5700GT	HOSE ASSEMBLY-3/8".....	1
24	48906GT	TEE,RUN,520428-4.....	1
25	49157-4085GT	HOSE ASSEMBLY,3/4".....	2
26	48938GT	FITTING,TEE,RUN,SWIVEL520432-8....	1
27	48976GT	ELBOW,90D,520220-12-16.....	4
28	49157-4035GT	HOSE ASSEMBLY,3/4".....	1
29	48947GT	ELBOW,90D,520220-8-12.....	2
30	49143-5200GT	HOSE ASSY,1/2,90 FEM,STR FEM.....	1
31	49157-4885GT	HOSE ASSEMBLY,3/4".....	1
32	49119-6400GT	HOSE ASSY,1/4,STR FEM,STR FEM.....	1
33	48904GT	ELBOW,90D,520220-4-4.....	1
34	218694GT	HOSE ASSY, S-60, DRIVE MOTOR.....	1

308.1 Hydraulic Hoses and Fittings - Oscillation System

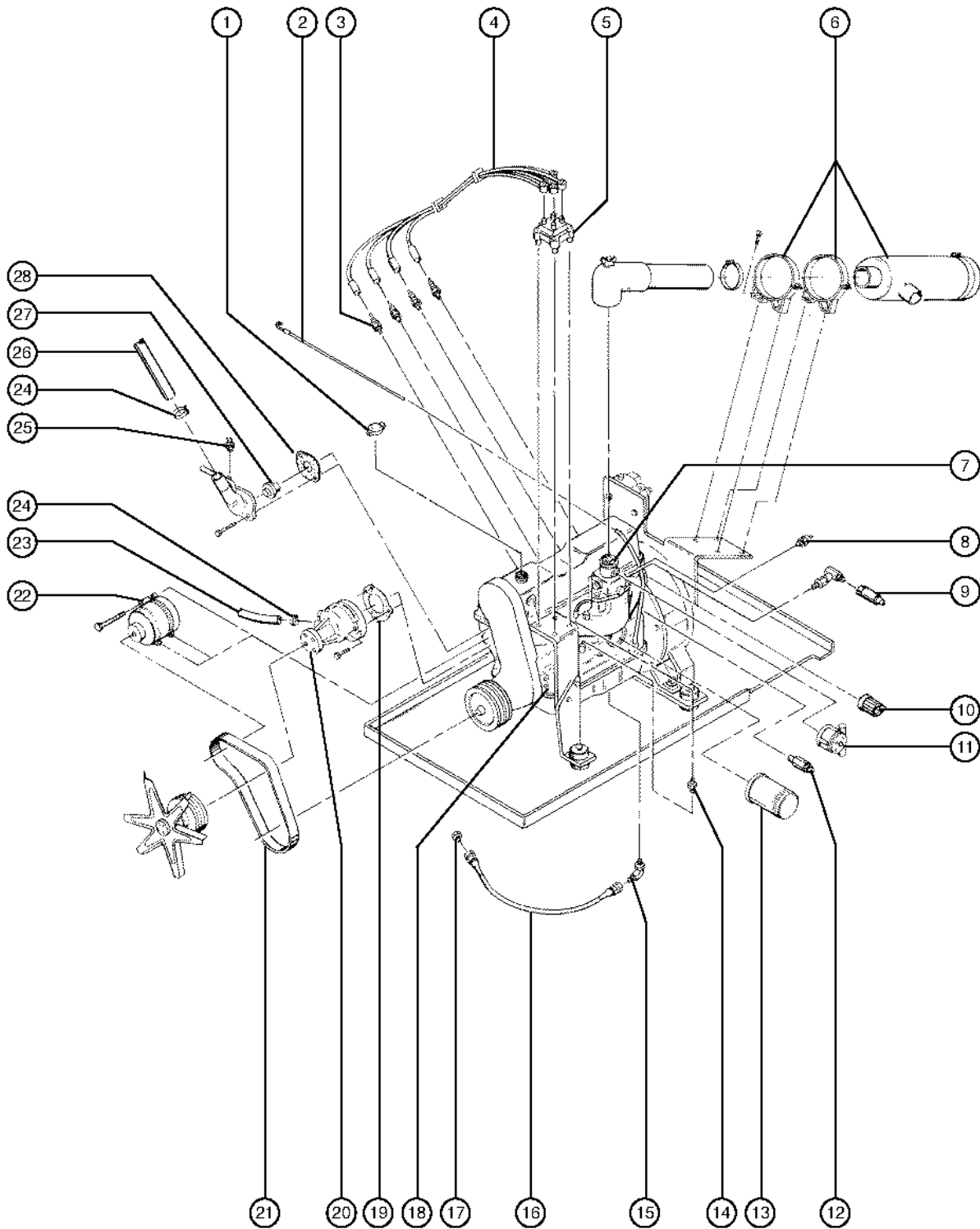


LEGEND	
	FITTING
	HOSE ASSEMBLY
	CONNECTOR

308.1 Hydraulic Hoses and Fittings - Oscillation System

Item	Part No.	Description	Qty.
--	49612GT	O-RING KIT (ORFS FITTINGS)	
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48918GT	TEE,RUN,520428-6.....	2
2	48916GT	FITTING,CONN,520120-6.....	8
3	49104-1400GT	HOSE ASSEMBLY-3/8" 100R2.....	2
4	49104-14300GT	HOSE ASSEMBLY-3/8" 100R2.....	2
5	49104-6909GT	HOSE ASSEMBLY,3/8".....	1
6	48915GT	ELBOW,90D,520220-6.....	1
7	48934GT	CONN,LONG,520122-8.....	1
8	49143-7350GT	HOSE ASSY,1/2,90 FEM,STR FEM.....	1
9	48938GT	FITTING,TEE,RUN,SWIVEL520432-8.....	1
10	49141-1475GT	HOSE ASSY,1/2,45 FEM,STR FEM.....	1
11	48930GT	CONN,520120-6-8.....	1
12	48933GT	CONN,520120-8***.....	1
13	48932GT	FITTING,ELBOW,90D,520220-8***.....	1
14	49102-1903GT	HOSE ASSEMBLY,3/8".....	1
15	49104-1859GT	HOSE ASSEMBLY,3/8".....	1

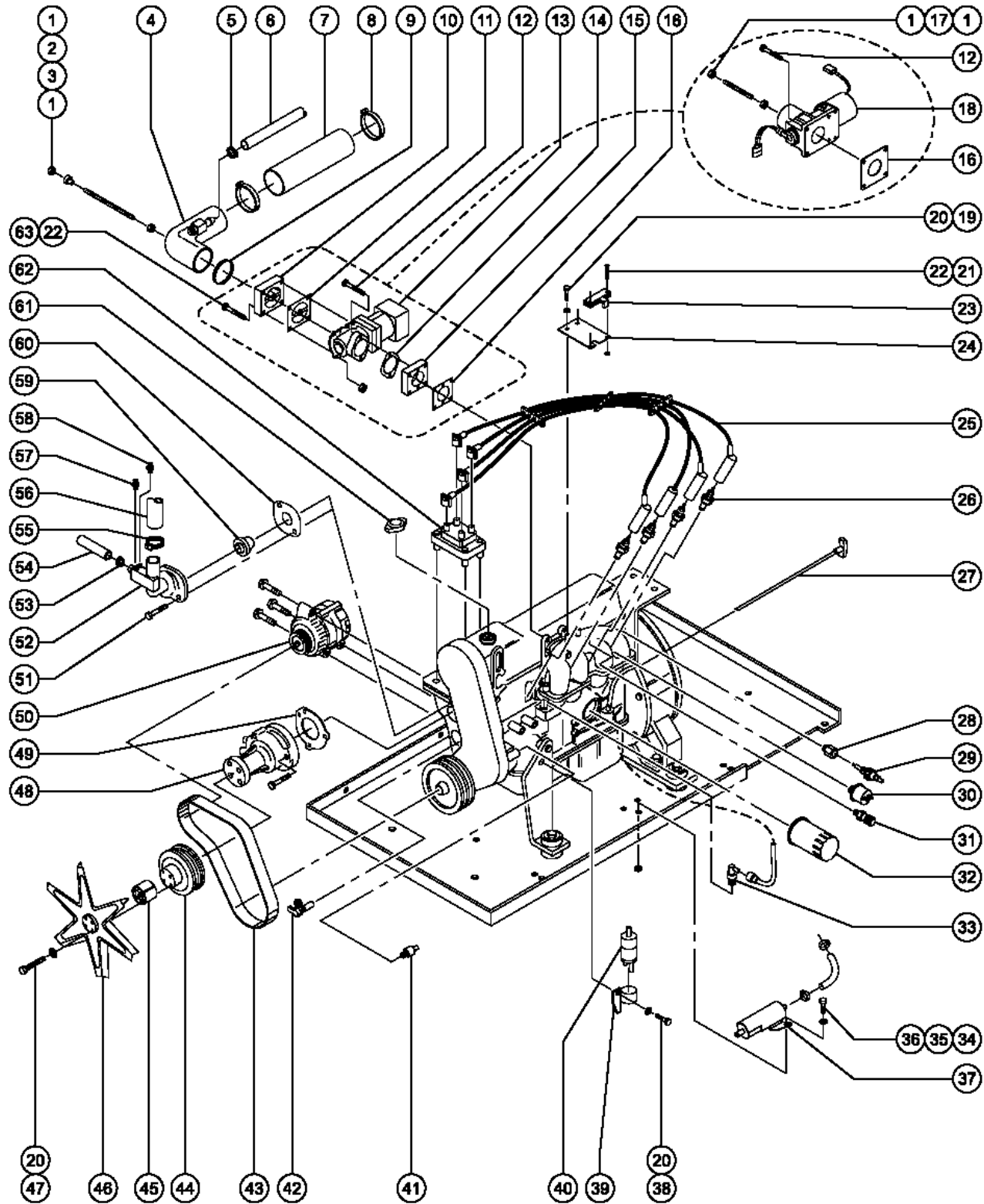
401.1 Ford LRG-423 Engine - View 1 (to SN 3089)



401.1 Ford LRG-423 Engine - View 1 (to SN 3089)

Item	Part No.	Description	Qty.
1	28658GT	CAP, OIL FILLER, FORD LSG423.....1	1
2		DIPSTICK, FORD LRG 423 (33955).....1 <i>(component no longer available)</i>	1
3	28647GT	SPARK PLUG,FORD.....4	4
4	58928GT	WIRE SET (LRG 423) LG SET**.....1 <i>(wire lengths 12 to 23 inches)</i>	1
4A	52570GT	SPARK PLUG WIRE SET, LRG425EFI <i>(wire length 23 to 31 inches)</i>	1
5	33970GT	COIL, ELECTRONIC IGN., FORD.....1	1
6	27915GT	AIR CLEANER.....1 <i>does NOT include mounting bands</i>	1
--	27916GT	FILTER,AIR,ELEMENT***.....1	1
--	53952GT	BRKT,AIR CLEANER ORIENTATION**.....1	1
--	65815GT	CLAMP, AIR CLEANER (27915)**.....1 <i>clamp that holds the end cap on</i>	1
7	33958GT	CARBURETOR,FORD-LRG 423,AUTO**.....1	1
--	28714GT	CARB REPAIR KIT, LSG/LRG-423.....1	1
8	28651GT	SOLENOID, ANTI-DIESELING.....1	1
9	33971GT	FILTER,FUEL,LSG-423, IN-LINE.....1	1
10	30810GT	SENDING UNIT,OIL PRESSURE***.....1 <i>dual-terminal sender</i>	1
11	29439GT	COIL, AUTOMATIC CHOKE,.....1	1
12	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704.....1	1
13	28656GT	FILTER,OIL,FORD.....1 <i>Genie genuine part</i>	1
--	1259054GT	FILTER, OIL, FORD <i>Genie aftermarket part</i>	1
14	33957GT	VALVE,PCV-FORD LRG***.....1	1
15	27210GT	ELBOW,90DEG.6 X 14.....1	1
16	28020GT	HOSE ASSY,MOTOR OIL DRAIN.....1	1
17	19141GT	PLUG,MALE,070109-6.....1	1
18	33968GT	SENSOR, CRANK POSITION.....1	1
19	33964GT	GASKET, WATER PUMP.....1	1
20	33963GT	PUMP, WATER, WITH GASKET.....1 <i>includes index number 19</i>	1
21	33961GT	SERPENTINE BELT.....1	1
22	33960GT	ALTERNATOR,LRG-423 RE-BUILT*.....1	1
23	77170GT	HOSE,LOWER RADIATOR,Z45.....1	1
24	45171GT	CLAMP,HOSE,1.75,LINED.....2	2
25	33972GT	SENSOR,COOLANT TEMP*.....1	1
26	33965GT	HOSE, UPPER RADIATOR.....1	1
27	33966GT	THERMOSTAT, FORD LRG.....1	1
28	28653GT	GASKET,WATER OUTLET,FORD.....1	1

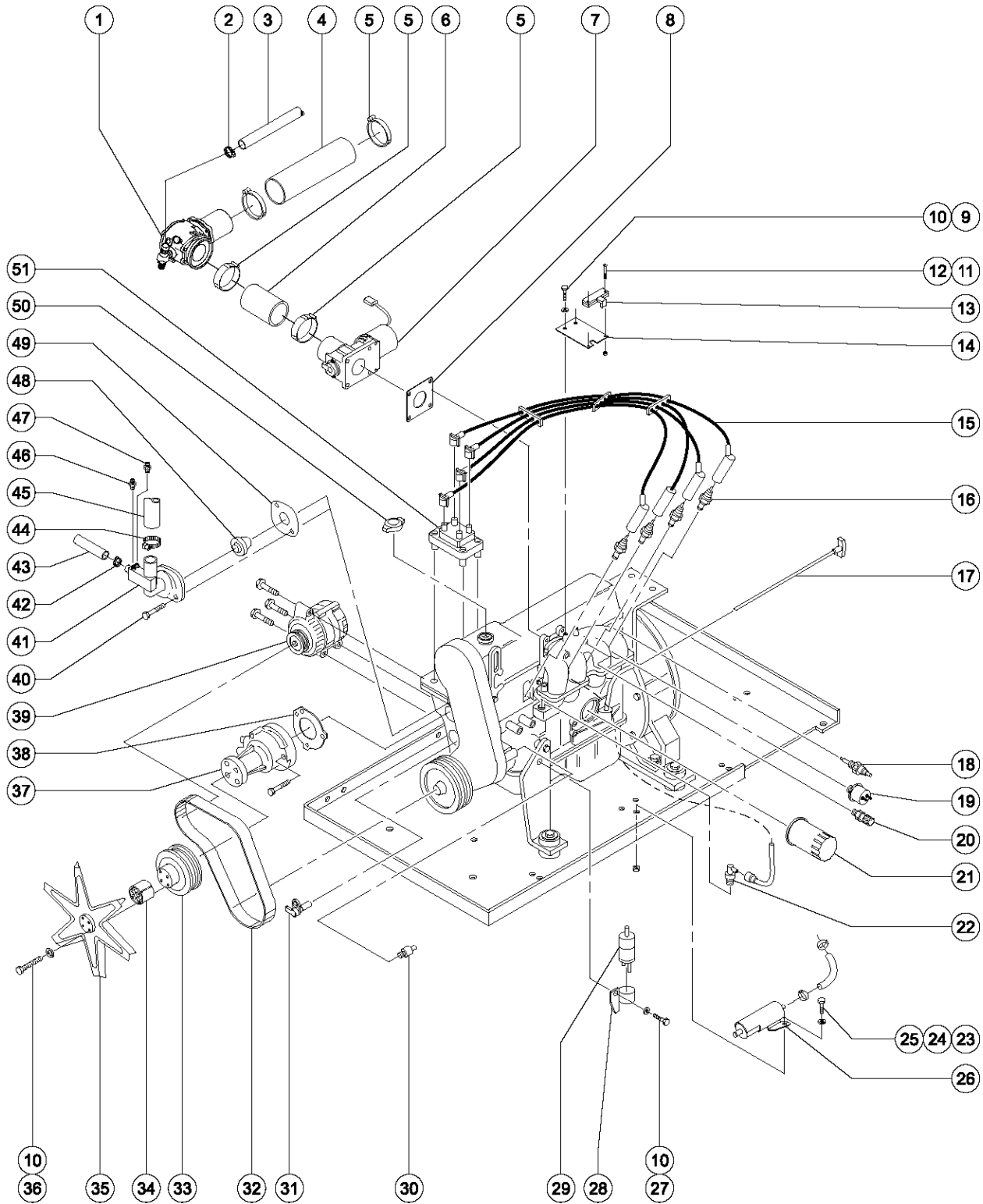
401.2 Ford LRG-425 EFI Engine - View 1 (from SN 3090 to 7832)



401.2 Ford LRG-425 EFI Engine - View 1 (from SN 3090 to 7832)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6889GT	NUT,LP NYLOCK,1/4-20.....	2	32	28656GT	FILTER,OIL,FORD.....	1
2	72317GT	GLAND NUT & GASKET KIT(24552)*.....	1			<i>Genie genuine part</i>	
3	27507GT	THREADED ROD,1/4-20,4.5".....	1	--	1259054GT	FILTER, OIL, FORD	
		<i>to SN 5193</i>				<i>Genie aftermarket part</i>	
4	24552GT	VENTURI,BEAM (FORD) ***.....	1	33	33957GT	VALVE,PCV-FORD LRG***.....	1
5	46131GT	CLAMP,HOSE,.63.....	2	34	8915GT	SCREW,HHC,1/4-20 X 1.25.....	3
6	53832GT	HOSE,FIRE RES.,5/8		35	6638GT	WASHER,FLAT,USS,1/4"Y.....	3
		ID,BULK.....	26-inches	36	6091GT	NUT,NYLOCK,1/4-20.....	3
7	53125GT	HOSE,AIR INTAKE 2.5 ID X 6.5.....	1	37	81941GT	FUEL PUMP RELOCATION KIT.....	1
8	30971GT	CLAMP,HOSE,3.00".....	2	38	25929GT	SCREW,HHC,M8 X 30MM,GRD 8.8.....	1
9	65455GT	GASKET-VENTURI BEAM (FORD).....	1	39	65453GT	BRACKET-FUEL FILTER (52567).....	1
10	48471GT	ADAPTER,LP VENTURI.....	1	40	58967GT	FUEL PRESSURE REG,425EFI***.....	1
		<i>to SN 5193</i>		41	58900GT	SENSOR,CAM,EFI***.....	1
11	48477GT	GASKET,LP ADAPTER.....	1	42	33968GT	SENSOR, CRANK POSITION.....	1
		<i>to SN 5193</i>		43	52580GT	BELT,SERPENTINE,LRG425 EFI***.....	1
12	49386GT	SCREW,HHC,M8 X 40.....	2	44	52078GT	PULLEY,FORD ENGINE,LRG-423***.....	1
		<i>to SN 5193</i>		45	52077GT	SPACER,FAN TO WATERPUMP	
13	94922GT	KIT,FORD EFI UPDATE,BASE***.....	1			LRG423.....	1
		<i>to SN 5193</i>		46	52076GT	FAN, LSG423/LRG425.....	1
14	52577GT	GASKET - THROTTLE BODY, 425EFI.....	1	47	32309GT	SCREW,HHC,M8 X 60MM X 1.25.....	4
		<i>to SN 5193</i>		48	33963GT	PUMP, WATER, WITH GASKET.....	1
15	88455GT	ADAPTER,THROTTLE ACTUATOR***.....	1	49	33964GT	GASKET, WATER PUMP.....	1
		<i>to SN 5193</i>		50	33960GT	ALTERNATOR,LRG-423 RE-BUILT*.....	1
16	52579GT	GASKET,ADAPTER PLATE,425EFI***.....	1	51	65454GT	BOLT-FLANGE,M6 X 22MM(52573).....	2
		<i>to SN 5193</i>		52	52573GT	THERMOSTAT HOUSING, LRG425	
17	27507GT	THREADED ROD,1/4-20,4.5".....	1			EFI.....	1
18A		ACTUATOR, FORD EFI PRECISION.....	1	53	36208GT	CLAMP,HOSE,1.25***.....	1
		<i>from SN 5196; component no longer</i>		54	52762GT	HOSE,WATER INLET,LRG425 EFI.....	1
		<i>available</i>		55	22672GT	CLAMP,HOSE,1.75.....	1
18B	88451GT	THROTTLE ACTUATOR*(BOSCH)		56	33965GT	HOSE, UPPER RADIATOR.....	1
		<i>models with EFI update kit ONLY</i>		57	33972GT	SENSOR,COOLANT TEMP*.....	1
19	23057GT	SCREW,HHC,M8 X 20MM.....	2	58	65456GT	SENDING UNIT-H20TMP LRG425EFI*.....	1
20	49408GT	WASHER,LOCK,M8.....	7	59	33966GT	THERMOSTAT, FORD LRG.....	1
21	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25.....	2	60	52575GT	GASKET,THERM.HSNG O-RING.....	1
22	6178GT	NUT,NYLOCK,10-32.....	6	61	49881GT	OIL FILLER CAP FOR LRG ENGINE.....	1
23	49898GT	MAP SENSOR, EFI.....	1	62	33970GT	COIL, ELECTRONIC IGN., FORD.....	1
24	53821PGT	BRACKET,MAP SENSOR,PAINTED.....	1	63	30469GT	SCREW,FHM,10-32 X 1.5.....	4
25	52570GT	SPARK PLUG WIRE SET, LRG425EFI.....	1				
26	28647GT	SPARK PLUG,FORD.....	4				
26	52656GT	FUEL INJECTOR, LRG-425 EFI.....	4				
27	52566GT	DIPSTICK, OIL LEVEL,LRG425 EFI.....	1				
28	28607GT	ADAPTER,140139-8-6.....	1				
29	34058GT	SENDING					
		UNIT,TMP,FRD,GM,PRK704.....	1				
30	30810GT	SENDING UNIT,OIL PRESSURE***.....	1				
		<i>dual-terminal sender</i>					
31	52652GT	SENSOR,AIR TEMP,LRG-425 EFI***.....	1				

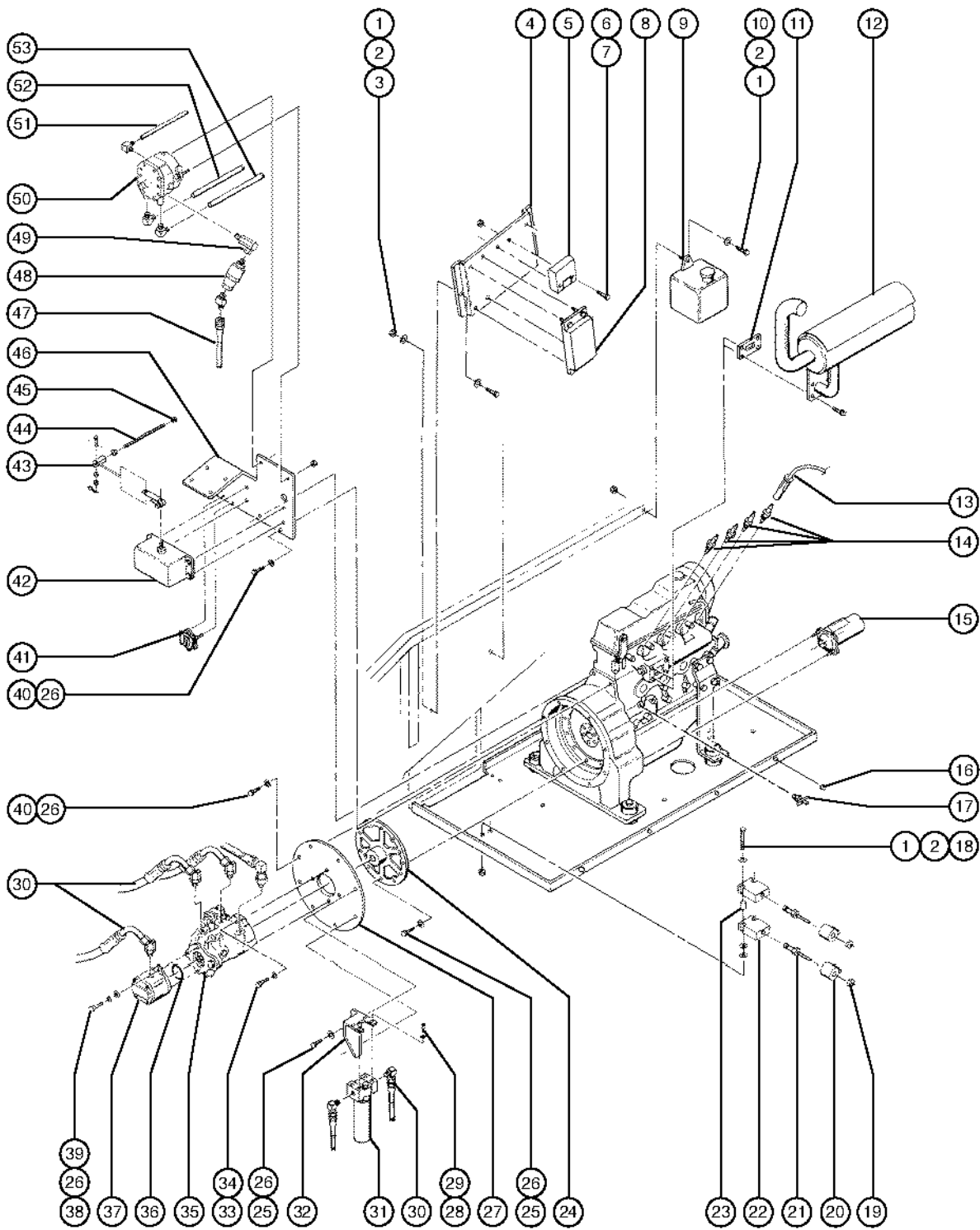
401.3 Ford LRG-425 EFI Engine - View 1 (from SN 7833)



401.3 Ford LRG-425 EFI Engine - View 1 (from SN 7833)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1A	81629GT	AIR VALVE MIXER*** <i>for units without E-controls; consult factory prior to ordering</i>	1	30	58900GT	SENSOR,CAM,EFI***	1
1B	58598GT	AIR VALVE MIXER <i>for units upgraded to E-controls; consult factory prior to ordering</i>		31	33968GT	SENSOR, CRANK POSITION	1
--	58599GT	DIAPHRAGM,AIR VALVE MIXER <i>for units upgraded to E-controls; consult factory prior to ordering</i>		32	52580GT	BELT,SERPENTINE,LRG425 EFI***	1
2	46131GT	CLAMP,HOSE,.63	2	33	52078GT	PULLEY,FORD ENGINE,LRG-423***	1
3	81631GT	HOSE,VAPOR,LP SPECIFIC		34	52077GT	SPACER,FAN TO WATERPUMP LRG423	1
4	30966-0575GT	HOSE,AIR INTAKE,2.25"IDX5.75"	1	35	52076GT	FAN, LSG423/LRG425	1
5	30971GT	CLAMP,HOSE,3.00"	4	36	32309GT	SCREW,HHC,M8 X 60MM X 1.25	4
6	27211-0250GT	HOSE,AIR INTAKE,2.625"IDX2.50"	1	37	33963GT	PUMP, WATER, WITH GASKET	1
7A		ACTUATOR, FORD EFI PRECISION <i>component no longer available</i>	1	38	33964GT	GASKET, WATER PUMP	1
7B	88451GT	THROTTLE ACTUATOR*(BOSCH) <i>models with EFI update kit ONLY</i>		39	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
8	52579GT	GASKET,ADAPTER PLATE,425EFI***	1	40	65454GT	BOLT-FLANGE,M6 X 22MM(52573)	2
9	23057GT	SCREW,HHC,M8 X 20MM	2	41	52573GT	THERMOSTAT HOUSING, LRG425 EFI	1
10	49408GT	WASHER,LOCK,M8	7	42	36208GT	CLAMP,HOSE,1.25***	1
11	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	2	43	52762GT	HOSE,WATER INLET,LRG425 EFI	1
12	6178GT	NUT,NYLOCK,10-32	6	44	22672GT	CLAMP,HOSE,1.75	1
13	49898GT	MAP SENSOR, EFI	1	45	33965GT	HOSE, UPPER RADIATOR	1
14	53821PGT	BRACKET,MAP SENSOR,PAINTED	1	46	33972GT	SENSOR,COOLANT TEMP*	1
15	52570GT	SPARK PLUG WIRE SET, LRG425EFI	1	47	65456GT	SENDING UNIT-H20TMP LRG425EFI*	1
16	28647GT	SPARK PLUG,FORD	4	48	33966GT	THERMOSTAT, FORD LRG	1
--	52656GT	FUEL INJECTOR, LRG-425 EFI	4	49	52575GT	GASKET,THERM.HSNG O-RING	1
17	52566GT	DIPSTICK, OIL LEVEL,LRG425 EFI	1	50	49881GT	OIL FILLER CAP FOR LRG ENGINE	1
18	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1	51	33970GT	COIL, ELECTRONIC IGN., FORD	1
19	30810GT	SENDING UNIT,OIL PRESSURE*** <i>dual-terminal sender</i>	1				
20	52652GT	SENSOR,AIR TEMP,LRG-425 EFI***	1				
21	28656GT	FILTER,OIL,FORD <i>Genie genuine part</i>	1				
--	1259054GT	FILTER, OIL, FORD <i>Genie aftermarket part</i>					
22	33957GT	VALVE,PCV-FORD LRG***	1				
23	8915GT	SCREW,HHC,1/4-20 X 1.25	3				
24	6638GT	WASHER,FLAT,USS,1/4"Y	3				
25	6091GT	NUT,NYLOCK,1/4-20	3				
26A	81941GT	FUEL PUMP RELOCATION KIT	1				
26B	77219GT	PUMP, FUEL, LRG425, WALBRO	1				
27	25929GT	SCREW,HHC,M8 X 30MM,GRD 8.8	1				
28	65453GT	BRACKET-FUEL FILTER (52567)	1				
29	58967GT	FUEL PRESSURE REG,425EFI***	1				

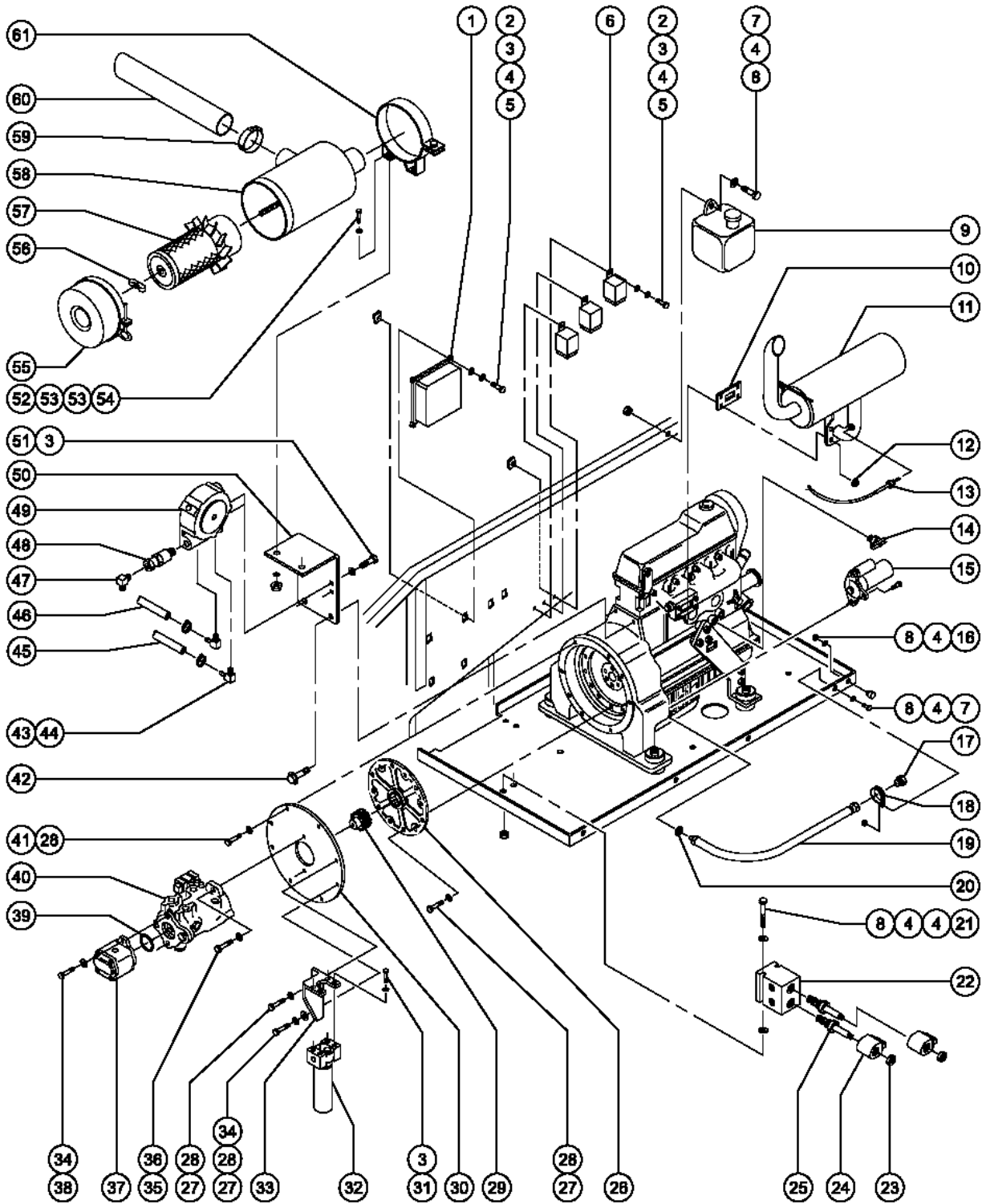
402.1 Ford LRG-423 Engine - View 2 (to SN 3089)



402.1 Ford LRG-423 Engine - View 2 (to SN 3089)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	65770GT	BELT,TIMING,FORD LRG423/425EFI		31		FILTER ASY,M PRESS,SAE8,WOUND* (77139).....	1
1	6091GT	NUT,NYLOCK,1/4-20.....	5			<i>component no longer available</i>	
2	6638GT	WASHER,FLAT,USS,1/4"Y.....	9	--	20880GT	FILTER ELEMENT-10 MIC.***.....	1
3	8914GT	SCREW, HHC, 1/4-20 X .625.....	2			<i>for 20879 (no longer available)</i>	
4	31250GT	IGNITION MODULE MTG.PLATE ASSY.....	1	--	60857GT	FILTER,ELEMENT,BETA(5)=1000.....	1
5	128658GT	KIT,LRG423 IGNITION MODULE.....	1			<i>for 77139</i>	
6	6179GT	SCREW,RHM,10-32 X 1.25.....	2	31A	1267807GT	ASSEMBLY, MED. PRESS. FILTER,	
7	14392GT	NUT,LP NYLOCK,10-32.....	2	--	1268229GT	ELEMENT-5 MIC, PAPER, W/BYPASS	
8	34935GT	GOVERNOR,CNTRLR,FORD,LRG 423.....	1			<i>for 1267807</i>	
9	54071GT	COOLANT RETURN SYSTEM,Z45***	1	32	30230PGT	FILTER MOUNT BRACKET.....	1
10	8915GT	SCREW,HHC,1/4-20 X 1.25.....	1	33	8177GT	SCREW,HHC,1/2-13 X 1.5.....	2
11	27142GT	GASKET,EXHAUST.....	1	34	6033GT	WASHER,LOCK,0.5".....	4
12	48439GT	MUFFLER,EXH,FORD,BIG BOOMS***	1	35	37027GT	PUMP,VAR PISTON,2.8 C.I.***.....	1
13	58928GT	WIRE SET (LRG 423) LG SET**.....	1	--	22965GT	EDC ASSY,SAUER,M46***	1
		<i>(wire lengths 12 to 23 inches)</i>		--	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
13A	52570GT	SPARK PLUG WIRE SET, LRG425EFI		--	32611GT	SHAFT,M46 15 TOOTH.....	1
		<i>(wire length 23 to 31 inches)</i>		36	29436GT	O-RING***	1
14	28647GT	SPARK PLUG,FORD.....	4	37	53959GT	PUMP,LIFT 1.403 C.I.***	1
15	29606GT	RING GEAR,FORD***		--	58228GT	SEAL KIT***	1
		<i>FITS LSG-LRG 423, AND LRG425</i>		38	33988GT	SCREW,SHC,3/8-16 X 1.....	2
15	29616GT	STARTER,ENGINE,FORD		39	6097GT	WASHER,FLAT,USS,3/8",Y.....	2
		<i>LSG/LRG***</i>	1	40	6175GT	SCREW,HHC,3/8-16 X 1.....	2
16	34619GT	BUMPER,RUBBER***	4	41	22278GT	SWITCH,VACUUM.....	1
17	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.....	1	42	34936GT	GOVERNOR,ACTUATOR,FORD	
18	11413GT	SCREW,HHC,1/4-20 X 4.....	2			<i>LRG423.....</i>	1
19	52943GT	NUT,SOLENOID VALVE COIL.....	2	43	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN.....	1
20	29744GT	COIL,10V.....	2			<i>includes clevis pin</i>	
21	29066GT	VALVE,SOLENOID,10V,2POS		44	30785-1000GT	THREADED ROD,1/4-28 X 10 IN***	1
		<i>3WAY**.....</i>	2	45	21496GT	NUT,HEX,1/4-28.....	2
		<i>includes index numbers 19 and 20</i>		46	34939PGT	BRACKET,LP REG/AIR FILTER,PNTD....	1
22	30369GT	SOLENOID VALVE,N.C. 2POS. 3WAY.....	2	47	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**	1
		<i>includes index number 21</i>		48	27010GT	VALVE,LOCK OFF,BEAM #FL-418.....	1
23	45400GT	SPACER TUBE,.50 LG.....	2	49	27042GT	ELBOW,90DEG.1/4MPT,1/4SW,NPTF....	1
24	28836GT	COUPLING KIT,FLYWHEEL,FL 15T.....	1	50	24551GT	REGULATOR,LPG,BEAM #120A.....	1
		<i>(includes flexplate and coupler)</i>		50	32768GT	REGULATOR DIAPH.KIT BEAM 120A....	1
24	37002GT	COUPLER,HUB,15 TOOTH		51		Ref. Hose -3/16 x 17.5 inches (44.5 cm),	
		<i>7/16BOLT*.....</i>	1			Regulator to Carburetor Venturi.....	1
25	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	8	52		Ref. Hose -3/8 x 25 inches (63.5 cm),	
26	6021GT	WASHER, LOCK, .375.....	14			Regulator to Intake Manifold.....	1
27	25571P-SGT	PLATE,PUMP		53		Ref. Hose -3/8 x 54 inches (137 cm),	
		<i>MOUNT,FORD,PAINTED.....</i>	1			Regulator to Water Pump.....	1
28	7339GT	SCREW, HHC, 1/4-20 X .5.....	4				
29	6356GT	WASHER, LOCK, .25.....	4				
30		Ref. Hydraulic Hoses & Fittings.....	4				
		<i>refer to section 513.1</i>					

402.2 Ford LRG-425 EFI Engine - view 2 (from SN 3090)



402.2 Ford LRG-425 EFI Engine - view 2 (from SN 3090)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	65770GT	BELT,TIMING,FORD LRG423/425EFI		25	65766GT	VALVE,SOLENOID,10V W/DIODE***.....2 <i>includes Index No's. 23 and 24; to SN 7500</i>	
1	94922GT	KIT,FORD EFI UPDATE,BASE***.....1 <i>Contains Genie calibration file - order from Genie only; to SN 5193</i>		--	65766GT	VALVE,SOLENOID,10V W/DIODE***.....2 <i>includes Index No's. 23 and 24; from SN 7501</i>	
--	88457GT	ENGINE PERFORMANCE MODULE T1**.....1 <i>Contains Genie calibration file - order from Genie only; from SN 8689</i>		26	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC.....1	
--	94922GT	KIT,FORD EFI UPDATE,BASE***.....1 <i>Contains Genie calibration file - order from Genie only; from SN 5195 to SN 8688</i>		27	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5.....10	
2	6888GT	SCREW,HHC,1/4-20 X 1.....9		28	6021GT	WASHER, LOCK, .375.....20	
3	6356GT	WASHER, LOCK, .25.....13		29	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*.....1	
4	6638GT	WASHER,FLAT,USS,1/4"Y.....14		30	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED.....1	
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.5, ZAG.....7		31	7339GT	SCREW, HHC, 1/4-20 X .5.....4	
6	52592GT	RELAY - LRG425 EFI.....3		32		FILTER ASY,M PRESS,SAE8,WOUND* (77139).....1 <i>component no longer available</i>	
7	8915GT	SCREW,HHC,1/4-20 X 1.25.....2		--	20880GT	FILTER ELEMENT-10 MIC ***.....1 <i>for 20879 (no longer available)</i>	
8	6091GT	NUT,NYLOCK,1/4-20.....5		--	60857GT	FILTER,ELEMENT,BETA(5)=1000.....1 <i>for 77139</i>	
9	54071GT	COOLANT RETURN SYSTEM,Z45***1 <i>includes cap</i>		32A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, -- 1268229GT <i>for 1267807</i>	
10	27142GT	GASKET,EXHAUST.....1		33	30230P-SGT	FILTER MOUNT BRACKET.....1	
11	77885GT	MUFFLER,FORD LRG S40-60-80***.....1		34	6097GT	WASHER,FLAT,USS,3/8",Y.....3	
12	65460GT	NUT-FLANGE,7/16-14.....4		35	8177GT	SCREW,HHC,1/2-13 X 1.5.....2	
13	52564GT	SENSOR,O2,LRG 425 EFI***.....1		36	6033GT	WASHER,LOCK,0.5".....2	
--	88450GT	SENSOR,OXYGEN LRG425EFI <i>for use after ECM Update completion</i>		37	53959GT	PUMP,LIFT 1.403 C.I.***.....1	
14	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.....1		--	31249GT	SEAL KIT,LIFT PUMP**.....1 <i>to SN 6053</i>	
15	29606GT	RING GEAR,FORD*** <i>FITS LSG-LRG 423, AND LRG425</i>		--	58228GT	SEAL KIT***.....1 <i>from SN 6054</i>	
15	29616GT	STARTER,ENGINE,FORD LSG/LRG***.....1		38	33988GT	SCREW,SHC,3/8-16 X 1.....2	
16	34619GT	BUMPER,RUBBER***.....1		39	29436GT	O-RING***.....1	
17	63426GT	PLUG,070109-8.....1		40	37027GT	PUMP,VAR PISTON,2.8 C.I.***.....1	
18	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH.....1		--	22965GT	EDC ASSY,SAUER,M46***.....1	
19	63427GT	HOSE ASSY,FORD OIL DRAIN 1/2".....33-inches		--	27067GT	SEAL,SHAFT-SUNDSTRAND***.....1	
20	53910GT	GASKET, FORD OIL DRAIN.....1		--	29739GT	SEAL KIT,SAUER-DANFOSS M46***1	
21	4266GT	SCREW,HHC,1/4-20 X 2.....2		--	32611GT	SHAFT,M46 15 TOOTH.....1	
22	42157GT	MANIFOLD,BRAKE/MOTOR SHIFT.....2 <i>includes Index No's. 23 through 25 to SN 7500</i>		--	65843GT	SEAL KIT.....1	
22	81024GT	MANIFOLD,BRAKE/2 SPD.....1 <i>includes Index No's. 23 through 25; from SN 7501</i>		41	6175GT	SCREW,HHC,3/8-16 X 1.....8	
23	45912GT	NUT,SOLENOID VALVE 2P3W.....2		42	53024GT	SCR,M 10X40 LG HEX FLG. SERR.....2	
24	43601GT	COIL,SOLENOID VLV,10V W/ DIODE.....2 <i>to SN 7500</i>		43	37017GT	HOSE END,90DEG,.63 HS X.25 MPT.....2	
--	81043GT	COIL,SOLENOID,8 DSD 10V,W/DIO*.....2 <i>from SN 7501</i>		44	46131GT	CLAMP,HOSE,.63.....2	
				45	52762GT	HOSE,WATER INLET,LRG425 EFI.....1	

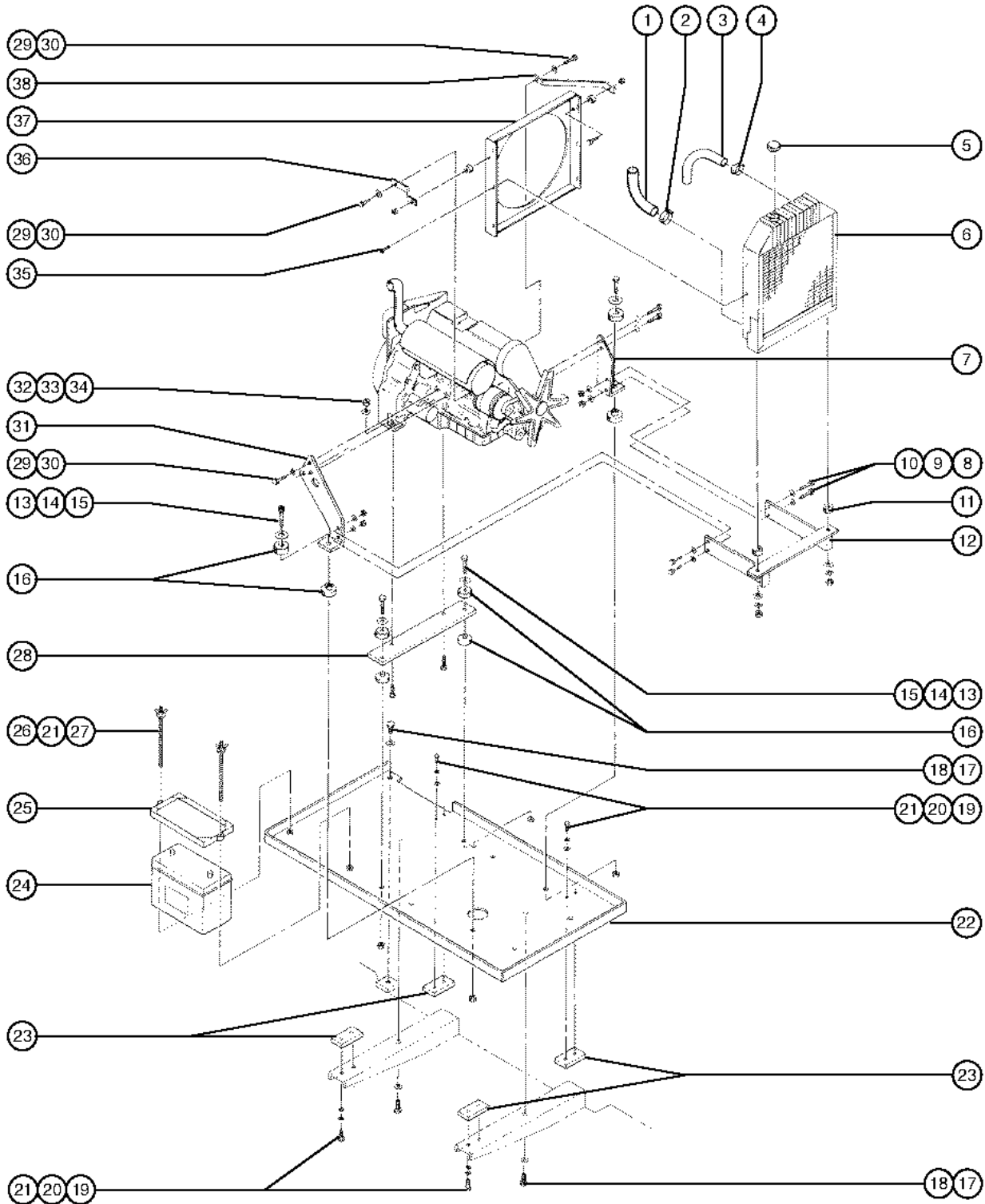
402.2 Ford LRG-425 EFI Engine - view 2 (from SN 3090)
(continued)

Item	Part No.	Description	Qty.
46	53832GT	HOSE,FIRE RES.,5/8 ID,BULK.....29-inches	
47	36203GT	ELBOW,90DEG.3/8MPT-5/8 BARB.....1	
48	45828GT	SOLENOID-FUEL-LPG.....1	
49	22279GT	REGULATOR,LPG BEAM 60***.....1	
--	24470GT	REGULATOR DIAPH.KIT BEAM 50/60...1	
50	48473P-SGT	BRACKET,AIR FILTER,FORD GAS PT...1	
51	6888GT	SCREW,HHC,1/4-20 X 1.....2 <i>to SN 7821</i>	
--	6090GT	SCREW,HHC,1/4-20 X .75.....2 <i>from SN 7822</i>	
52	219437GT	ISOLATOR, VIBRATION.....2 <i>to SN 7821</i>	
--	13002GT	SCREW,HHC,5/16-18 X 1 GR5.....2 <i>from SN 7822</i>	
53	5397GT	WASHER,FLAT,USS,5/16",Y.....4	
54	18503GT	NUT,LOCKING-LG.FLANGE,5/16-18....4 <i>to SN 7821</i>	
--	6782GT	NUT,NYLOCK,5/16-18.....2 <i>from SN 7822</i>	
55	58917GT	END CAP,AIR FILTER-27915&49740....1	
56	52658GT	NUT - WING, AIR FILTER, 425EFI.....1	
57	27916GT	FILTER,AIR,ELEMENT***.....1	
58	49740GT	AIR CLEANER,FORD EFI***.....1	
--	49740GT	AIR CLEANER,FORD EFI***.....1	
59	30971GT	CLAMP,HOSE,3.00".....1	
60	53124GT	HOSE,AIR INT.2.5 IDX12" W/450.....1	
61	53952GT	BRKT,AIR CLEANER ORIENTATION**.....1	

402.2 Ford LRG-425 EFI Engine - view 2 (from SN 3090)
(continued)

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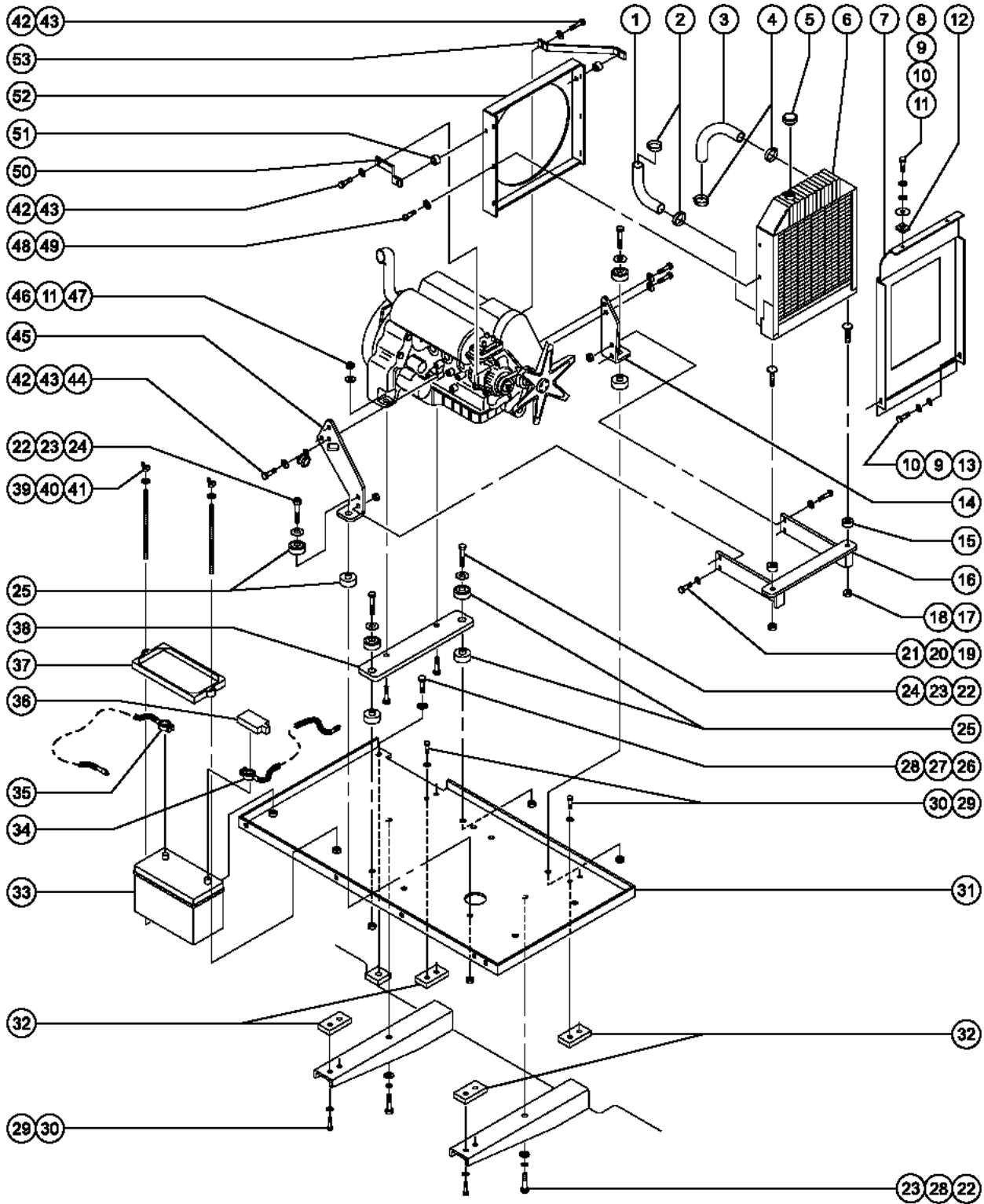
403.1 Ford LRG-423 Engine - View 3 (to SN 3089)



403.1 Ford LRG-423 Engine - View 3 (to SN 3089)

Item	Part No.	Description	Qty.
1	77170GT	HOSE,LOWER RADIATOR,Z45.....	1
2	13014GT	CLAMP,HOSE,2.25" DIA.....	1
3	33965GT	HOSE, UPPER RADIATOR.....	1
4	45171GT	CLAMP,HOSE,1.75,LINED.....	1
5	27943GT	CAP,RADIATOR,FORD***.....	1
6	33969GT	RADIATOR,FORD,LRG.....	1
--	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.....	1
7	29297GT	WELDMENT,FORD ENG.MNT,INBOARD.....	1
8	8516GT	SCREW,HHC,3/8-16 X 1.50,GR5.....	4
9	6097GT	WASHER,FLAT,USS,3/8",Y.....	8
10	4828GT	NUT,NYLOCK,3/8-16.....	4
11	24038GT	SHOCK MOUNT,SMALL.....	2
12	34929-SGT	WELDMENT,RADIATOR MOUNT LRG423.....	1
13	6023GT	SCREW,HHC,5/8-11 X 3.5.....	4
14	6035GT	WASHER,FLAT,USS,5/8",Y.....	4
15	6024GT	NUT,NYLOCK,5/8-11.....	4
16	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***...4	4
17	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	3
18	13064GT	WASHER,FLAT,.625 HARDENED.....	3
19	6090GT	SCREW,HHC,1/4-20 X .75.....	8
20	6356GT	WASHER, LOCK, .25.....	8
21	6638GT	WASHER,FLAT,USS,1/4"Y.....	10
22	30679-SGT	WELDMENT, ENGINE MODULE PLATE.....	1
23	45209GT	WEAR PAD,4X2X.5 W/INSERT***.....	4
24	30143GT	BATTERY,12V,1000 CCA GRP 31.....	1
25	30144GT	BATTERY HOLD DOWN,GROUP 31.....	1
26	30784-975GT	THREADED ROD,(1/4-20),9.75.....	2
27	8170GT	NUT,WING,1/4-20.....	2
28	28234P-SGT	PLATE,ENGINE MOUNT,PAINTED.....	1
29	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8.....	7
30	22700GT	WASHER,LOCK,M10.....	7
31	33995GT	WELDMENT,FORD ENG MT,OUTBOARD.....	1
32	6198GT	NUT,NYLOCK,1/2-13.....	2
33	6095GT	WASHER,FLAT,USS,1/2",Y.....	2
34	10598GT	SCREW,HHC,1/2-13 X 3.....	2
35	21018GT	SCREW,PHIL,PHM,10-24 X.38,SEMS...6	6
36	34942P-SGT	STRUT,RH,FORD RADIATOR,PAINT.....	1
37	34927P-SGT	SHROUD,RADIATOR LRG 423 BLUE**.....	1
38	34943P-SGT	MOUNT,RAD.SUPPT,LH,BLUE.....	1

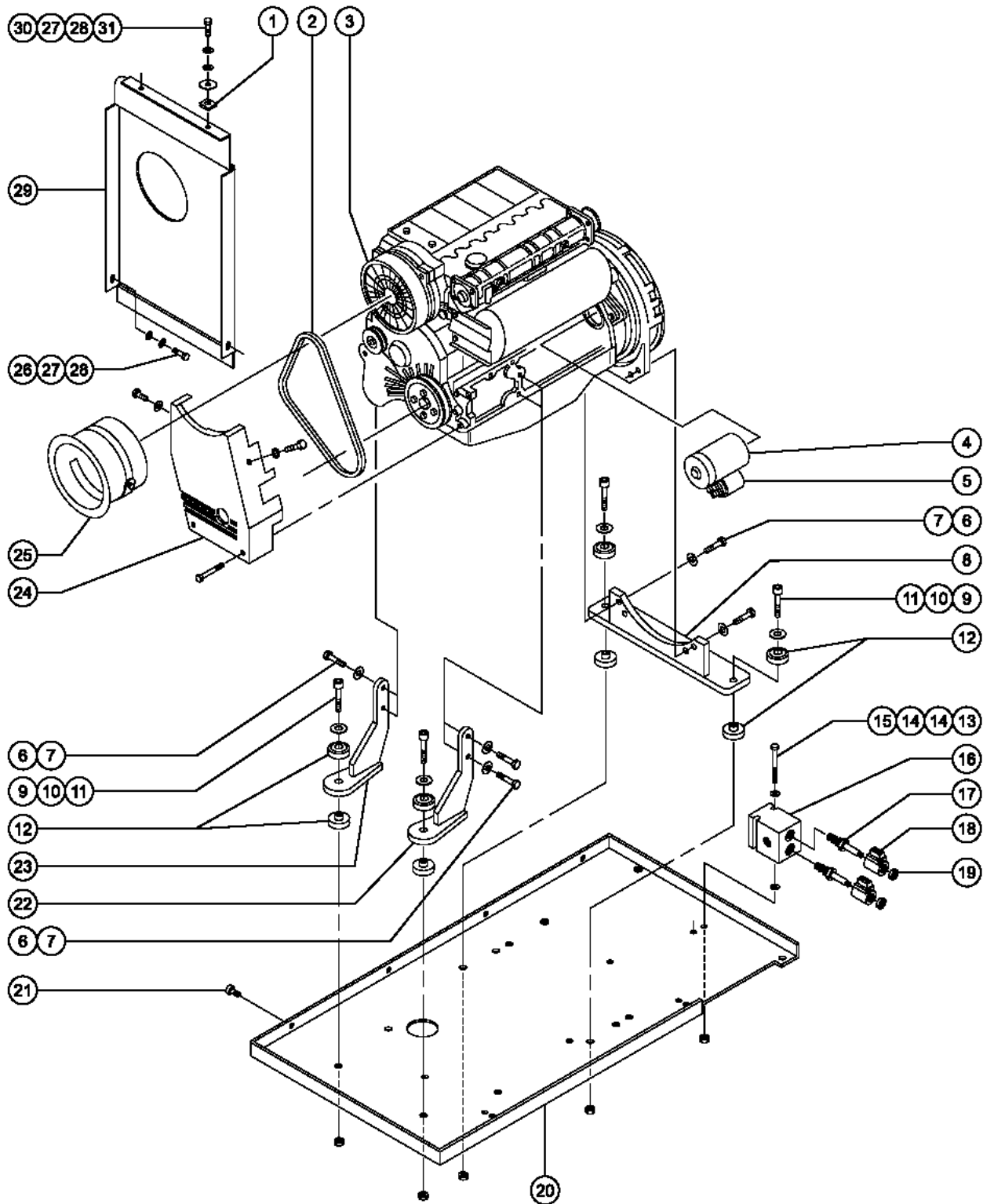
403.2 Ford LRG-425 EFI Engine - View 3 (from SN 3090)



403.2 Ford LRG-425 EFI Engine - View 3 (from SN 3090)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	77170GT	HOSE,LOWER RADIATOR,Z45.....	1	42	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8.....	7
2	13014GT	CLAMP,HOSE,2.25" DIA.....	2	43	22700GT	WASHER,LOCK,M10.....	7
3	33965GT	HOSE, UPPER RADIATOR.....	1	44	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH.....	2
4	45171GT	CLAMP,HOSE,1.75,LINED.....	2	45	53290-SGT	WELDMENT,RH,ENGINE MOUNT.....	1
5	27943GT	CAP,RADIATOR,FORD***.....	1	46	6198GT	NUT,NYLOCK,1/2-13.....	2
6	33969GT	RADIATOR,FORD,LRG.....	1	47	10598GT	SCREW,HHC,1/2-13 X 3.....	2
--	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.....	1	48	73612GT	SCREW,PHM,10-24X.50,SELF TAP.....	6
7	49610PGT	BAFFLE,AIR,FORD,PAINTED GRAY.....	1	49	73613GT	WASHER,STAR,#10,PLTD.....	6
8	6708GT	SCREW,HHC,3/8-16 X 2.25.....	2	50	34942P-SGT	STRUT,RH,FORD RADIATOR,PAINT.....	1
9	6021GT	WASHER, LOCK, .375.....	4	51	219437GT	ISOLATOR, VIBRATION.....	2
10	5397GT	WASHER,FLAT,USS,5/16",Y.....	4	52	34927P-SGT	SHROUD,RADIATOR LRG 423 BLUE**.....	1
11	6095GT	WASHER,FLAT,USS,1/2",Y.....	4	53	34943P-SGT	MOUNT,RAD.SUPPT,LH,BLUE.....	1
12	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG...2					
13	6175GT	SCREW,HHC,3/8-16 X 1.....	2				
14	53425-SGT	WELDMENT,RH,ENGINE MOUNT.....	1				
15	24038GT	SHOCK MOUNT,SMALL.....	2				
16	34929-SGT	WELDMENT,RADIATOR MOUNT LRG423.....	1				
17	48425GT	NUT,LOCKING-LRG.FLANGE,3/8-16....2					
18	60790GT	BOLT, CARRIAGE, 3/8-16 X 1.50, G5....2					
19	8516GT	SCREW,HHC,3/8-16 X 1.50,GR5.....	4				
20	6097GT	WASHER,FLAT,USS,3/8",Y.....	4				
21	4828GT	NUT,NYLOCK,3/8-16.....	4				
22	53909GT	SCREW,HHC,5/8-11 X 4.0 GR8.....	4				
23	33418GT	WASHER,FLAT,.625 X 2.25 X.15.....	4				
24	6024GT	NUT,NYLOCK,5/8-11.....	4				
25	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***...4					
26	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	3				
27	13064GT	WASHER,FLAT,.625 HARDENED.....	3				
28	6036GT	WASHER,LOCK,.625 PLTD.....	3				
29	6090GT	SCREW,HHC,1/4-20 X .75.....	8				
30	6356GT	WASHER, LOCK, .25.....	8				
31	30679-SGT	WELDMENT, ENGINE MODULE PLATE.....	1				
32	45209GT	WEAR PAD,4X2X.5 W/INSERT***.....	4				
33	30143GT	BATTERY,12V,1000 CCA GRP 31.....	1				
34	30891GT	BATT.CABLE,.00,POS.,RED,50".....	1				
35	122058GT	BATTERY CABLE,1/0 GA,BLK 30".....	1				
36	18189GT	BOOT,BATTERY TERMINAL,RED.....	1				
37	30144GT	BATTERY HOLD DOWN,GROUP 31.....	1				
38	28234P-SGT	PLATE,ENGINE MOUNT,PAINTED.....	1				
39	8170GT	NUT,WING,1/4-20.....	2				
40	6638GT	WASHER,FLAT,USS,1/4"Y.....	2				
41	30784-975GT	THREADED ROD,(1/4-20),9.75.....	2				

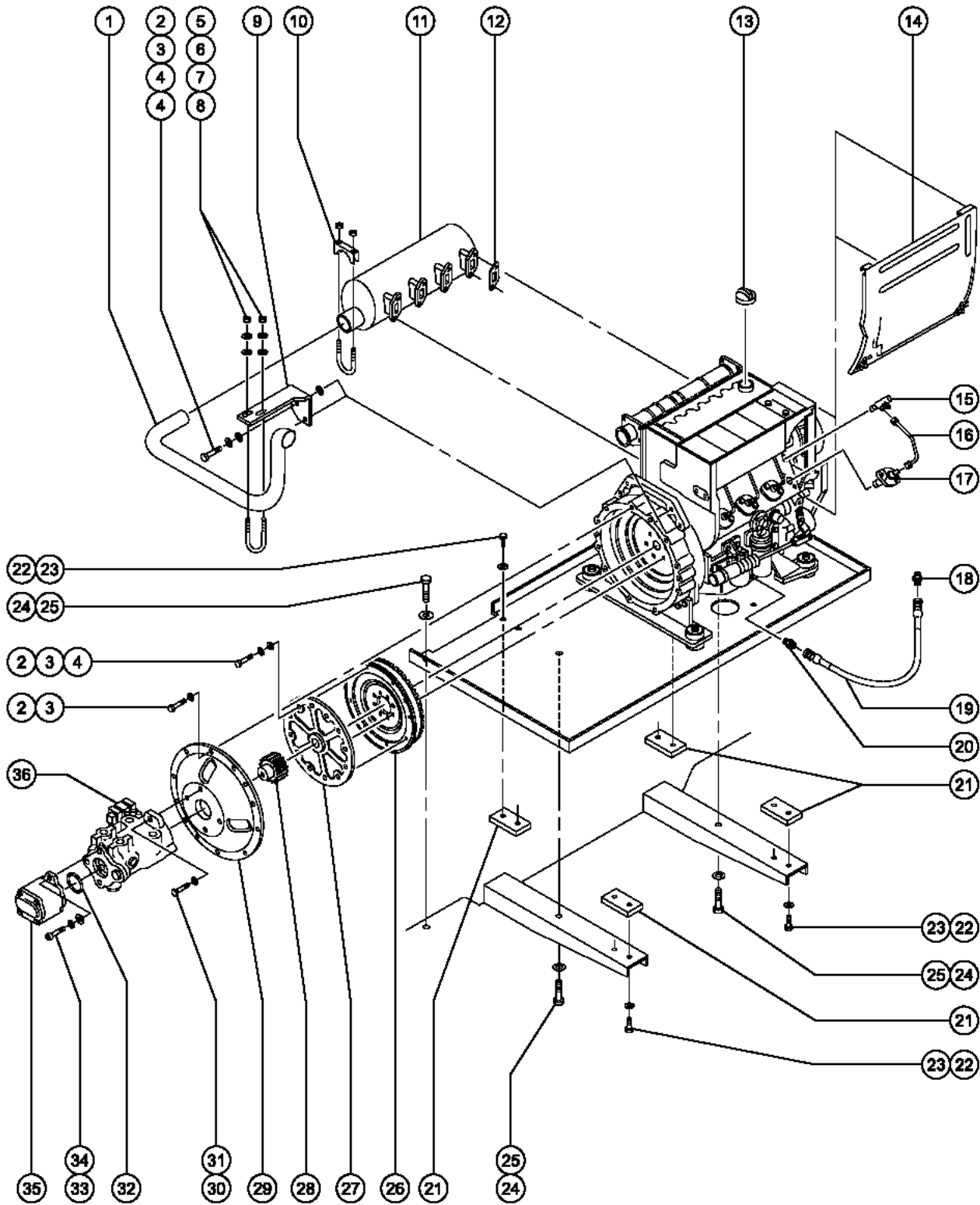
404.1 Deutz F4L 1011F Engine - View 1



404.1 Deutz F4L 1011F Engine - View 1

Item	Part No.	Description	Qty.
--	70453GT	ENGINE,DEUTZ D2011L031 <i>F3L 1011 AND F3L 1011F Engines only</i>	
1	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG....2	
2	32698GT	BELT,V, DEUTZ DIESEL ENGINE.....1	
3	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*....1	
4	139709GT	STARTER, 12V <i>9 tooth; inspect old starter before ordering (includes item 5)</i>	
4	37950GT	STARTER,DEUTZ,F4L1011F/F3L1011...1 <i>11 tooth; inspect old starter before ordering (includes item 5)</i>	
5	49915GT	SOLENOID-STARTR DEUTZF4L1011F*.....1	
6	34265GT	SCREW,HHC,M14 X 55.....8	
7	37505GT	WASHER,LOCK,M14.....8	
8	29550GT	WELDMENT,DEUTZ ENGINE MOUNT...1	
9	53909GT	SCREW,HHC,5/8-11 X 4.0 GR8.....4	
10	33418GT	WASHER,FLAT,.625 X 2.25 X.15.....4	
11	6024GT	NUT,NYLOCK,5/8-11.....4	
12	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***...4	
13	6115GT	SCREW,HHC,1/4-20 X 3.5.....2	
14	6638GT	WASHER,FLAT,USS,1/4"Y.....4	
15	6889GT	NUT,LP NYLOCK,1/4-20.....2	
16	42157GT	MANIFOLD,BRAKE/MOTOR SHIFT.....1 <i>includes Index No's. 17 through 19</i>	
17	65766GT	VALVE,SOLENOID,10V W/DIODE***.....2 <i>includes Index No's. 18 and 19</i>	
18	43601GT	COIL,SOLENOID VLV,10V W/ DIODE.....2	
19	45912GT	NUT,SOLENOID VALVE 2P3W.....2	
20	30679-SGT	WELDMENT, ENGINE MODULE PLATE.....1	
21	34619GT	BUMPER,RUBBER***.....1	
22	32748GT	WELMENT,DEUTZ ENGINE MOUNT....1	
23	32749GT	WELDMENT,DEUTZ ENGINE MOUNT...1	
24	29555GT	COVER,FRONT DEUTZ ENGINE.....1	
25	35498GT	GUIDE RING W/RUBBER LIP.....1	
26	6175GT	SCREW,HHC,3/8-16 X 1.....2	
27	6021GT	WASHER, LOCK, .375.....4	
28	5397GT	WASHER,FLAT,USS,5/16",Y.....4	
29	49609PGT	BAFFLE,AIR,DEUTZ,PAINTED.....1	
30	6708GT	SCREW,HHC,3/8-16 X 2.25.....2	
31	6095GT	WASHER,FLAT,USS,1/2",Y.....2	

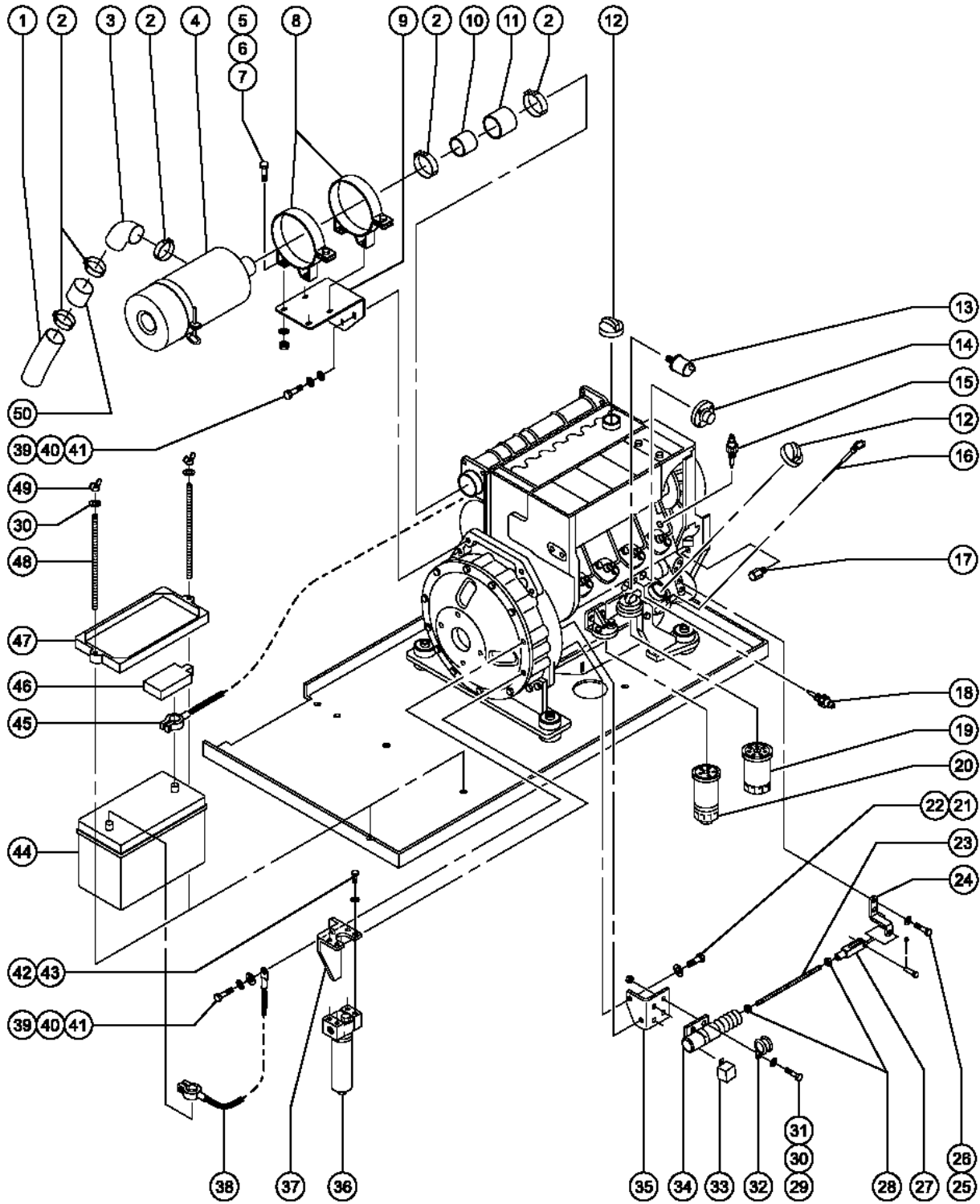
405.1 Deutz F4L 1011F Engine - View 2



405.1 Deutz F4L 1011F Engine - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34551GT	EXHAUST, TAILPIPE, DEUTZ.....	1	35	31249GT	SEAL KIT, LIFT PUMP**..... to SN 6053	1
2	44064GT	SCREW, HHC, M10 X 30MM,.....	26	35	53959GT	PUMP, LIFT 1.403 C.I.***.....	1
3	22700GT	WASHER, LOCK, M10.....	26	--	58228GT	SEAL KIT***..... from SN 6054	1
4	6097GT	WASHER, FLAT, USS, 3/8", Y.....	14	36	37027GT	PUMP, VAR PISTON, 2.8 C.I.***.....	1
5	6037GT	NUT, HEX, 5/16-18, GR5.....	2	--	22965GT	EDC ASSY, SAUER, M46***.....	1
6	6886GT	WASHER, LOCK, .313.....	2	--	27067GT	SEAL, SHAFT-SUNDSTRAND***.....	1
7	5397GT	WASHER, FLAT, USS, 5/16", Y.....	2	--	29739GT	SEAL KIT, SAUER-DANFOSS M46***.....	1
8	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***..... includes Index No. 5	1	--	32611GT	SHAFT, M46 15 TOOTH.....	1
9	27329P-SGT	BRACKET, EXHAUST SUPPORT, PAINTD.....	1	--	65843GT	SEAL KIT.....	1
10	30438GT	CLAMP, MUFFLER, 2 1/4" ID.....	2				
11	29558GT	MUFFLER**.....	1				
12	29559GT	GASKET, EXHAUST.....	4				
13	29557GT	CAP, OIL FILLER, DEUTZ, DIESEL ***.....	1				
14	49916GT	COVER - DEUTZ F4L1011F.....	1				
15	49919GT	INJECTOR - DEUTZ F4L1011F.....	4				
16	49921GT	FUEL LINE INJ. DEUTZ F4L1011F.....	1				
17	49929GT	INJECTOR PUMP - DEUTZ F4L1011F...1	1				
18	109802GT	PLUG, ORB #6.....	1				
19	49131-3300GT	HOSE ASSEMBLY 3/8".....	1				
20	49209GT	FITTING, M18X8, F87OMX.....	1				
21	45209GT	WEAR PAD, 4X2X.5 W/INSERT***.....	4				
22	6090GT	SCREW, HHC, 1/4-20 X .75.....	8				
23	6356GT	WASHER, LOCK, .25.....	8				
24	29883GT	SCREW, HHC, 5/8-11 X 1.75 GRD.8.....	3				
25	6036GT	WASHER, LOCK, .625 PLTD.....	3				
26	49917GT	RING GEAR, DEUTZ F3 & F4L1011F*....1 (please verify ring gear thickness) 0.46 inches	1				
--	33729GT	RING GEAR, DEUTZ F3 & F4L1011*.....1 (please verify ring gear thickness) 0.365 inches	1				
--	89785GT	RING GEAR, DEUTZ F3L2011F.....1 (please verify ring gear thickness) 0.6 inches	1				
27	33024GT	FLYWHEEL FLANGE, GREEN PLASTIC.....	1				
28	37003GT	COUPLER, HUB, 15 TOOTH 7/16BOLT*.....	1				
29	30806GT	FLYWHEEL COVER, CASTING***.....	1				
30	8177GT	SCREW, HHC, 1/2-13 X 1.5.....	2				
31	6033GT	WASHER, LOCK, 0.5".....	2				
32	29436GT	O-RING***.....	1				
33	33988GT	SCREW, SHC, 3/8-16 X 1.....	2				
34	66021GT	Washer - Lock, 3/8 inch (0.382 x 0.683 x 0.094 inch) (0.97 x 1.73 x 0.24 cm).....	27				

406.1 Deutz F4L 1011F Engine - View 3



406.1 Deutz F4L 1011F Engine - View 3

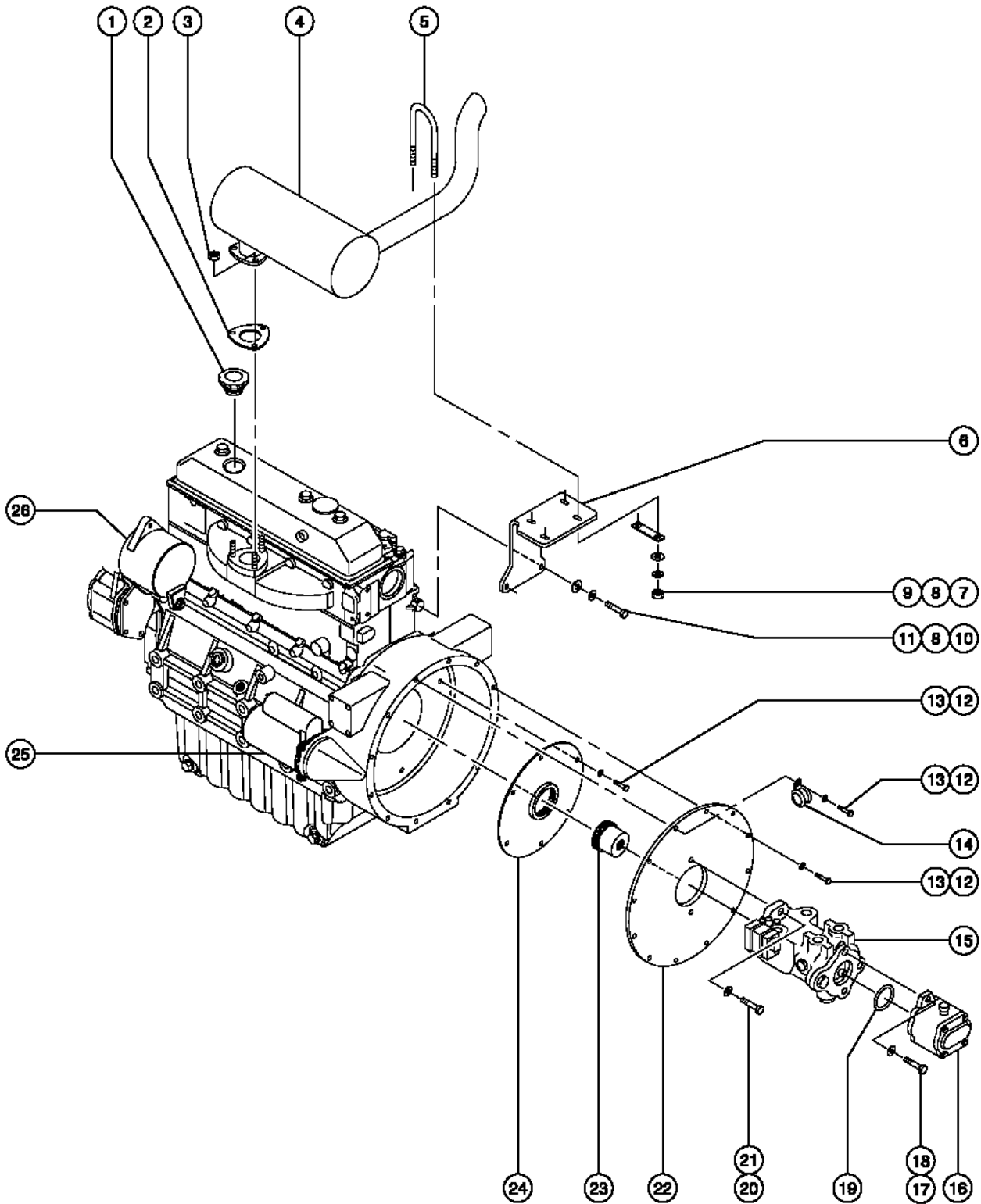
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34162-3150GT	HOSE,AIR INTAKE 2.5" I.D.....	1	--	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT.....	1
2	53945GT	CLAMP,HOSE 2 5/16-3 1/4.....	5			<i>Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.</i>	
3	34164GT	ELBOW,90 DEGR,RUBBER,2.5" I.D.*.....	1	20	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008.....	1
--	65815GT	CLAMP, AIR CLEANER (27915)**.....	1			<i>Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.</i>	
4A	27915GT	AIR CLEANER.....	1	--	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008.....	1
		<i>does not include mounting bands</i>				<i>Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.</i>	
--	27916GT	FILTER,AIR,ELEMENT***.....	1	21	23057GT	SCREW,HHC,M8 X 20MM.....	2
--	52658GT	NUT - WING, AIR FILTER, 425EF1.....	1	22	49408GT	WASHER,LOCK,M8.....	2
--	58917GT	END CAP,AIR FILTER-27915&49740.....	1	23	30785-1000GT	THREADED ROD,1/4-28 X 10 IN***.....	1
--	65810GT	BAFFLE, AIR CLEANER (27915)**.....	1	24	33240P-SGT	BRACKET,ACTUATOR ARM MTG,PTD.....	1
4B	63463GT	AIR CLEANER,NELSON***.....	1				
		<i>all plastic housing</i>		25	22578GT	SCREW,HHC,M6 X 20MM,GR8.8.....	2
--	52866GT	EVACUATOR VALVE-AIR CLEANER		26	49407GT	WASHER,LOCK,M6.....	2
--	53952GT	BRKT,AIR CLEANER ORIENTATION**		27	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN.....	1
--	58415GT	CLIP,AIR CLEANER END CAP***		28	21496GT	NUT,HEX,1/4-28.....	2
--	62420GT	FILTER,AIR***.....	1	29	6090GT	SCREW,HHC,1/4-20 X .75.....	4
--	65810GT	BAFFLE, AIR CLEANER (27915)**		30	6638GT	WASHER,FLAT,USS,1/4"Y.....	6
5	13002GT	SCREW,HHC,5/16-18 X 1 GR5.....	4	31	6889GT	NUT,LP NYLOCK,1/4-20.....	4
6	5397GT	WASHER,FLAT,USS,5/16",Y.....	4	32	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH.....	2
7	6002GT	NUT,LP NYLOCK,5/16-18.....	4	33	60521GT	RELAY,SEALED 30/40 AMP.....	1
8	53952GT	BRKT,AIR CLEANER ORIENTATION**.....	2			<i>from SN 7453</i>	
9	30769P-SGT	BRACKET,AIR CLEANER MTG.PAINT...1		--	73993GT	HARNESS,RPM SOLENOID RELAY***.....	1
10	30966GT	HOSE,AIR INTAKE 2.25" I.D.....	1	34	29073GT	SOLENOID,THROTTLE,.....	1
11	30967GT	HOSE,AIR INTAKE 2.75" I.D.***.....	1	--	52537GT	BOOT,SOLENOID,29073.....	1
12	29557GT	CAP,OIL FILLER,DEUTZ,DIESEL***.....	2	35	33241P-SGT	BRACKET,SOLENOID MTG,PAINTED...1	
13	37033GT	SENDING UNIT,OIL PRESS.,DEUTZ*.....	1	36		FILTER ASY,M PRESS,SAE8,WIND* (77139).....	1
		<i>single-terminal sender</i>				<i>component no longer available</i>	
14	49923GT	PUMP, FUEL LIFT, F4L1011F.....	1	--	20880GT	FILTER ELEMENT-10 MIC ***.....	1
15	34059GT	SENDING UNIT,OIL TEMP.....	1			<i>for 20879 (no longer available)</i>	
16	49922GT	DIPSTICK - DEUTZ F4L1011F.....	1	--	60857GT	FILTER,ELEMENT,BETA(5)=1000.....	1
17	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ...1				<i>for 77139</i>	
		<i>(must order cable assembly, 58256, if replacing 32752) (includes o-ring)</i>		36A	1267807GT	ASSEMBLY, MED. PRESS. FILTER,	
--	45782GT	DIODE,6 AMP,200 PIV,BULK		--	1268229GT	ELEMENT-5 MIC, PAPER, W/BYPASS <i>for 1267807</i>	
--	58256GT	SOLENOID CABLE ASSY***		37	30230P-SGT	FILTER MOUNT BRACKET.....	1
--	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* <i>(does not include diode, 45782)</i>		38	122058GT	BATTERY CABLE,1/0 GA,BLK 30".....	1
18	139624GT	SWITCH, OIL PRESSURE 1.5 BAR.....	1	39	44064GT	SCREW,HHC,M10 X 30MM,.....	4
--	139666GT	KIT,OP SWITCH,DEUTZ <i>(oil pressure kit for models with ALC-500 control system. replaces 65765. includes item 6 and instructions)</i>		40	22700GT	WASHER,LOCK,M10.....	4
19	49924GT	FILTER,OIL,DEUTZ F4L1011F.....	1	41	6097GT	WASHER,FLAT,USS,3/8",Y.....	3
		<i>Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.</i>		42	8914GT	SCREW, HHC, 1/4-20 X .625.....	4
				43	6356GT	WASHER, LOCK, .25.....	4
				44	30143GT	BATTERY,12V,1000 CCA GRP 31.....	1

406.1 Deutz F4L 1011F Engine - View 3
(continued)

Item	Part No.	Description	Qty.
45	30891GT	BATT.CABLE,00,POS.,RED,50".....	1
46	18189GT	BOOT,BATTERY TERMINAL,RED.....	1
47	30144GT	BATTERY HOLD DOWN,GROUP 31.....	1
48	30784-975GT	THREADED ROD,(1/4-20),9.75.....	2
49	8170GT	NUT,WING,1/4-20.....	2
50	35067GT	TUBE,RD,ALUM 2.5 X .083.....	1

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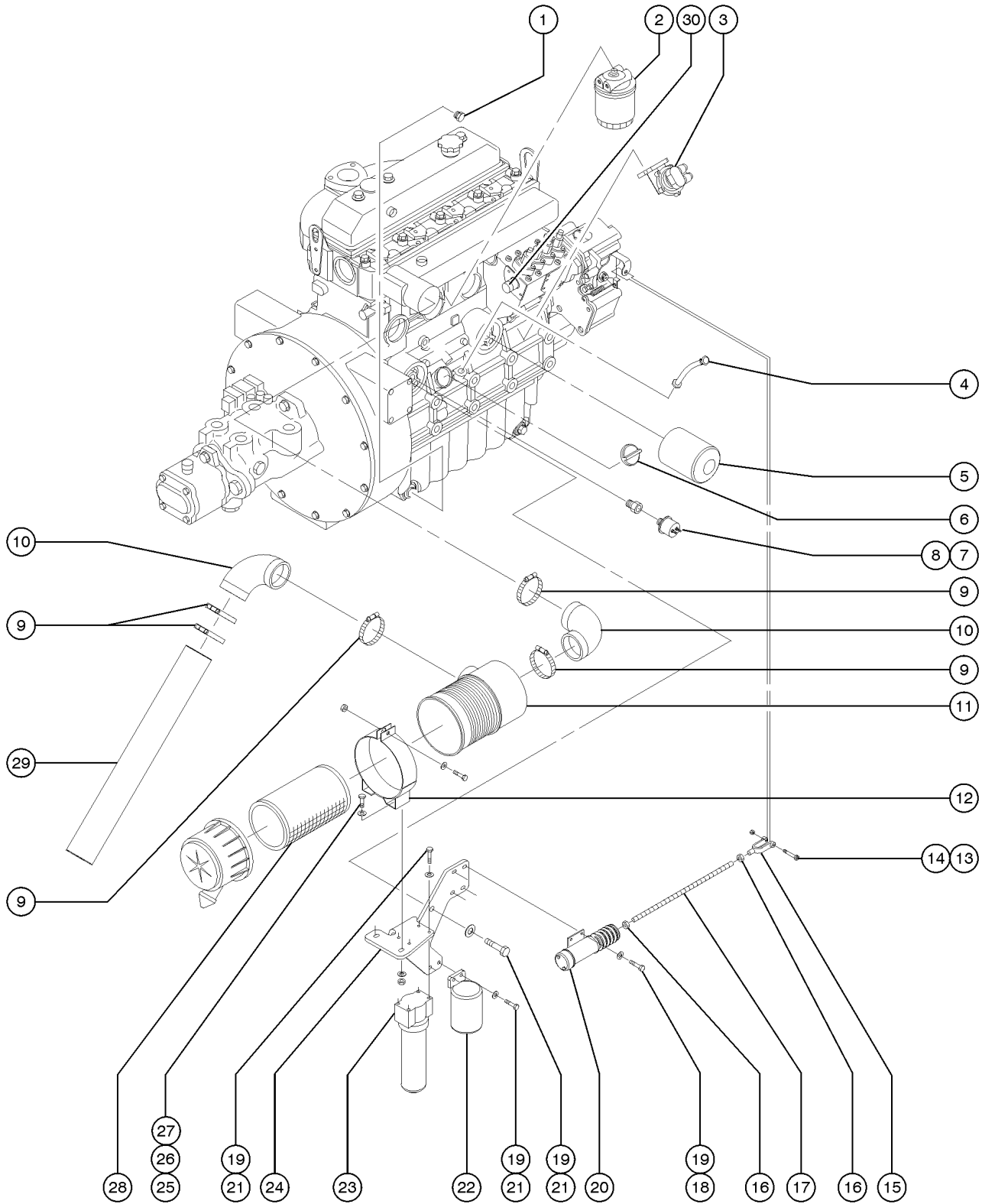
407.1 Perkins 704-30 Engine - View 1



407.1 Perkins 704-30 Engine - View 1

Item	Part No.	Description	Qty.
1	65499GT	CAP, SIDE OIL FILL, PERKINS.....	1
2	65503GT	GASKET,MUFFLER PERKINS(53883)....	1
3	65504GT	NUT,MUFFLER PERKINS 10MM.....	3
4	63313GT	MUFFLER, PERKINS.....	1
5	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***.....	2
		<i>includes Index No. 7</i>	
6	63326PGT	MUFFLER BRACKET, PAINTED.....	1
7	6037GT	NUT,HEX,5/16-18,GR5.....	4
8	6886GT	WASHER,LOCK,.313.....	6
9	5397GT	WASHER,FLAT,USS,5/16",Y.....	4
10	23057GT	SCREW,HHC,M8 X 20MM.....	2
11	6638GT	WASHER,FLAT,USS,1/4"Y.....	2
12	44064GT	SCREW,HHC,M10 X 30MM.....	26
13	22700GT	WASHER,LOCK,M10.....	26
14	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*.....	1
15	37027GT	PUMP,VAR PISTON,2.8 C.I.***.....	1
--	22965GT	EDC ASSY,SAUER,M46***.....	1
--	27067GT	SEAL,SHAFT-SUNDSTRAND***.....	1
--	29739GT	SEAL KIT,SAUER-DANFOSS M46***.....	1
--	32611GT	SHAFT,M46 15 TOOTH.....	1
--	65843GT	SEAL KIT.....	1
16	53959GT	PUMP,LIFT 1.403 C.I.***.....	1
--	31249GT	SEAL KIT,LIFT PUMP**.....	1
		<i>to SN 6053</i>	
--	58228GT	SEAL KIT***.....	1
		<i>from SN 6054</i>	
17	6175GT	SCREW,HHC,3/8-16 X 1.....	10
18	6097GT	WASHER,FLAT,USS,3/8",Y.....	2
19	29436GT	O-RING***.....	1
20	6096GT	SCREW,HHC,1/2-13 X 2 GR5.....	2
21	6033GT	WASHER,LOCK,0.5".....	2
22	63464PGT	PLATE, PUMP MOUNT, PAINTED***.....	1
23	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*.....	1
24	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC.....	1
--	65538GT	FLYWHEEL (PERKINS KR70481U)**	
25	65495GT	STARTER MOTOR, PERKINS (53883)....	1
26	65487GT	ALTERNATOR, PERKINS (53883).....	1

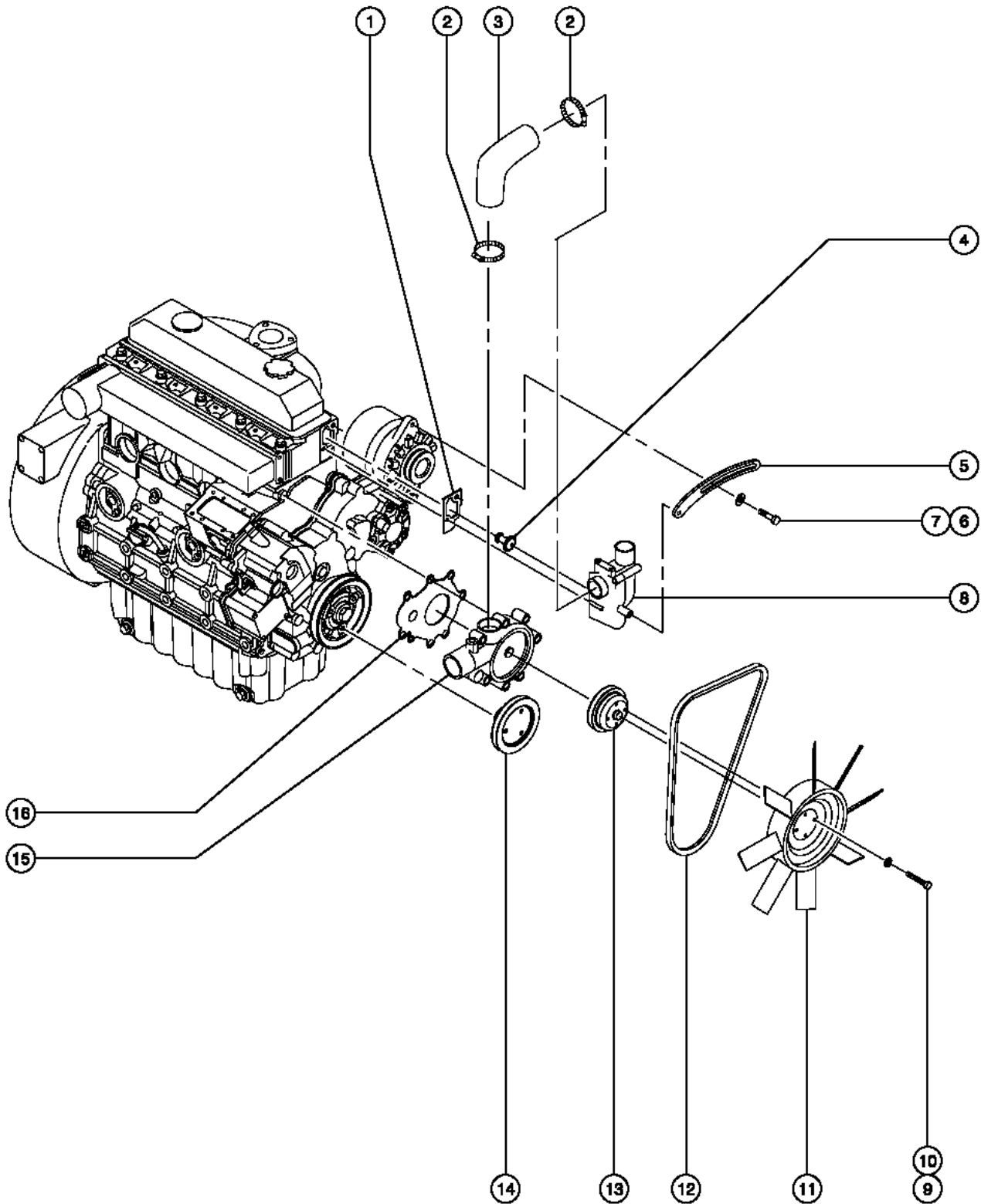
408.1 Perkins 704-30 Engine - View 2



408.1 Perkins 704-30 Engine - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	109802GT	PLUG,ORB #6.....	1	--	13002GT	SCREW,HHC,5/16-18 X 1 GR5..... <i>from SN 2959</i>	2
2	62421GT	FILTER,FUEL,PERKINS.....	1	26	5397GT	WASHER,FLAT,USS,5/16",Y.....	4
3	65500GT	PUMP, LIFT INLET PORT (53883).....	1	27	18503GT	NUT,LOCKING-LG.FLANGE,5/16-18..... <i>to SN 2958</i>	4
--	65501GT	FITTINGS, LIFT PUMP INLET PORT.....	1	--	6782GT	NUT,NYLOCK,5/16-18..... <i>from SN 2959</i>	2
--	73436GT	SLEEVE,COMPRESSION 1/4".....	1	28	62420GT	FILTER,AIR***.....	1
--	73437GT	NUT,COMPRESSION 1/4".....	1	29	34162-3150GT	HOSE,AIR INTAKE 2.5" I.D.....	1
--	73438GT	ADPT,HOSE BARB/STAND PIPE 1/4".....	1	30	72265GT	SOLENOID,SHUTDOWN,PERKINS ****.....	1
4	65497GT	DIPSTICK (53883).....	1				
5	62422GT	FILTER,OIL,PERKINS 704-30 (BB).....	1				
6	65498GT	CAP,OIL FILLER, PERKINS.....	1				
7	53951GT	ADPTR,ST. THR 3/4-16 FEM PIPE.....	1				
8	30810GT	SENDING UNIT,OIL PRESSURE***..... <i>dual-terminal sender</i>	1				
9	30971GT	CLAMP,HOSE,3.00".....	5				
10	34164GT	ELBOW,90 DEGR,RUBBER,2.5" I.D.*.....	2				
11	63463GT	AIR CLEANER,NELSON***.....	1				
--	52866GT	EVACUATOR VALVE-AIR CLEANER					
12	53952GT	BRKT,AIR CLEANER ORIENTATION**..... <i>includes mounting fasteners</i>	1				
13	6584GT	SCREW,SHS,10-24 X .625.....	1				
14	5365GT	NUT,NYLOCK,10-24.....	1				
15	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN.....	1				
16	21496GT	NUT,HEX,1/4-28.....	2				
17	30785-1000GT	THREADED ROD,1/4-28 X 10 IN***.....	1				
18	6888GT	SCREW,HHC,1/4-20 X 1.....	4				
19	6638GT	WASHER,FLAT,USS,1/4"Y.....	11				
20	29073GT	SOLENOID,THROTTLE,.....	1				
--	52537GT	BOOT,SOLENOID,29073.....	1				
21	6090GT	SCREW,HHC,1/4-20 X .75.....	7				
22	42766GT	SEPARATOR/FILTER,FUEL DIESEL**.....	1				
--	42767GT	SEPARATOR/FILTER ELEMENT,FUEL*.....	1				
23		FILTER ASY,M PRESS,SAE8,WIND* (77139)..... <i>component no longer available</i>	1				
--	20880GT	FILTER ELEMENT-10 MIC.***..... <i>for 20879 (no longer available)</i>	1				
--	60857GT	FILTER,ELEMENT,BETA(5)=1000..... <i>for 77139</i>	1				
23A	1267807GT	ASSEMBLY, MED. PRESS. FILTER,					
--	1268229GT	ELEMENT-5 MIC, PAPER, W/BYPASS <i>for 1267807</i>					
24	63399PGT	AIR CLEANER BRACKET, PAINTED.....	1				
25	219437GT	ISOLATOR, VIBRATION..... <i>to SN 2958</i>	2				

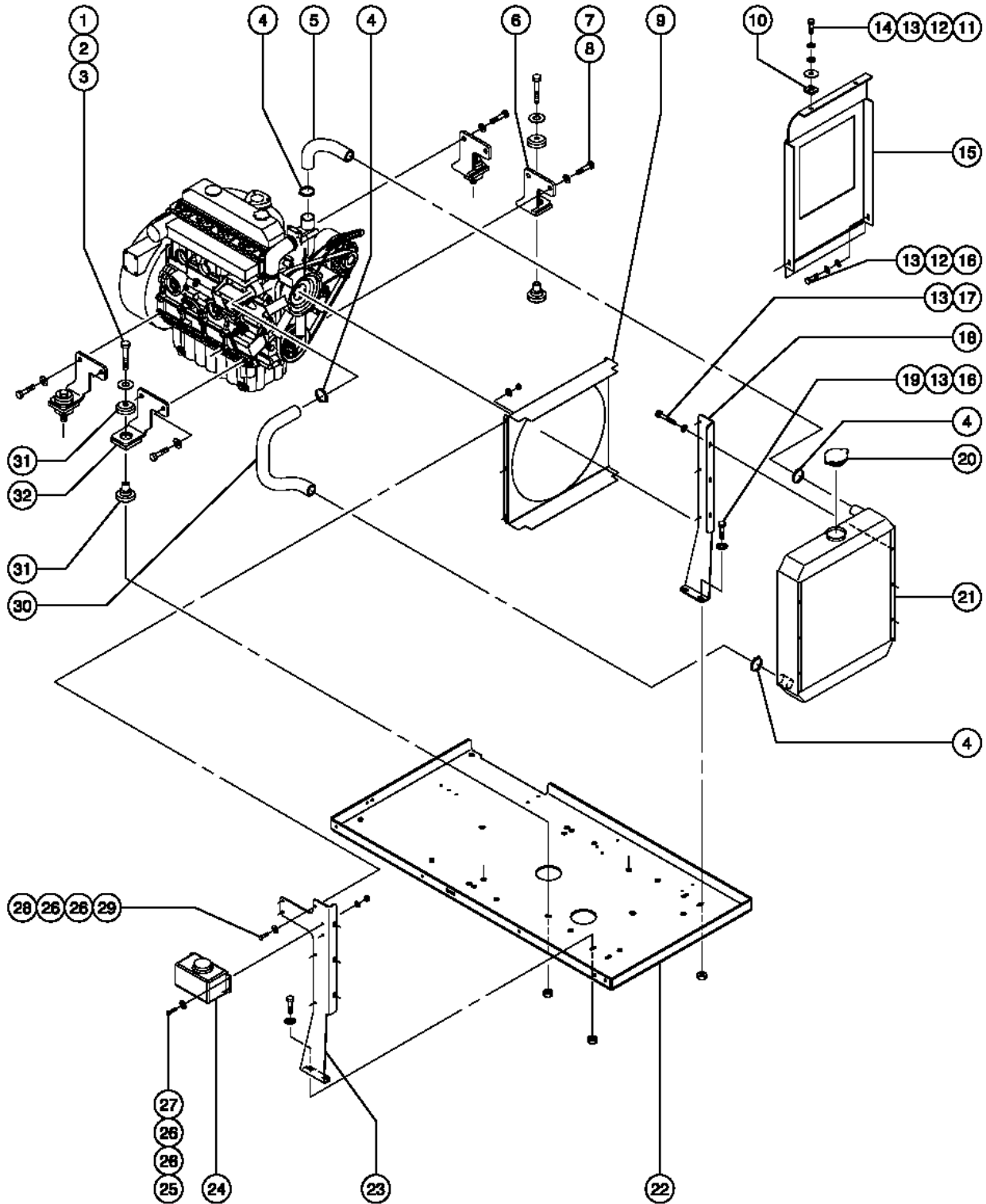
409.1 Perkins 704-30 Engine - View 3



409.1 Perkins 704-30 Engine - View 3

Item	Part No.	Description	Qty.
1	65505GT	GASKET, THERMOSTAT (53883).....	1
2	65506GT	CLAMP, HOSE (53883).....	2
3	65507GT	HOSE, WATER PUMP (53383).....	1
4	65493GT	THERMOSTAT, PERKINS (53883).....	1
5	65488GT	LEVER ALTERNATOR, (53883).....	1
6	49381GT	SCREW,HHC,M12 X 30.....	2
7	65355GT	WASHER,LOCK,M12.....	2
8	65494GT	HOUSING,THERMOSTAT (53883).....	1
9	67349GT	SCREW,HHC,M8 X 50.....	4
10	49408GT	WASHER,LOCK,M8.....	4
11	65490GT	FAN, PERKINS (53883).....	1
12	62423GT	BELT,V KIT, PERKINS 704-30.....	1
13	77482GT	PULLEY, WATER PUMP.....	1
14	65496GT	PULLEY,CRANKSHAFT (53883).....	1
15	65491GT	WATER PUMP, PERKINS (53883).....	1
16	65492GT	GASKET,TIMMING CASE COVER.....	1

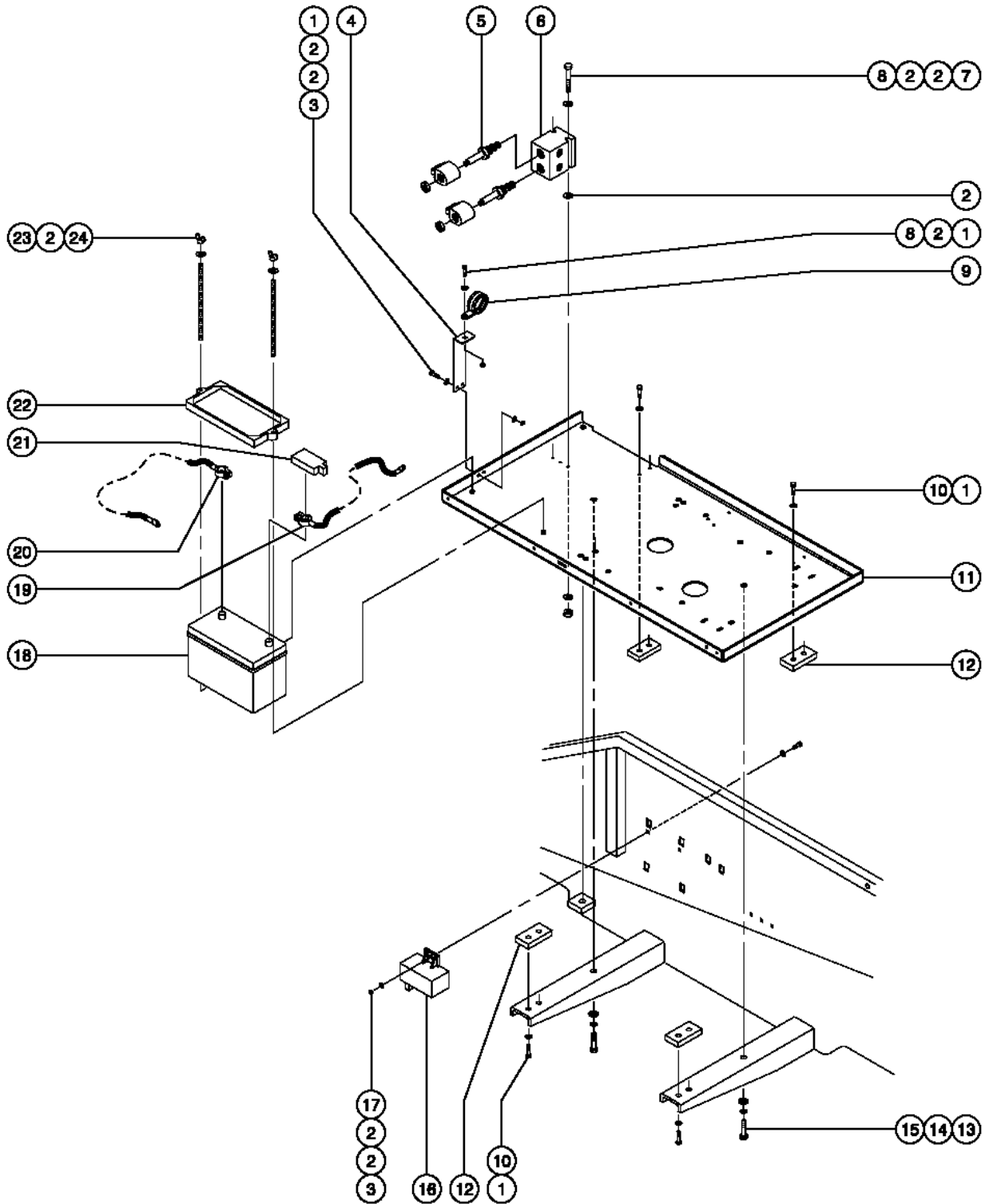
410.1 Perkins 704-30 Engine - View 4



410.1 Perkins 704-30 Engine - View 4

Item	Part No.	Description	Qty.
1	53909GT	SCREW,HHC,5/8-11 X 4.0 GR8.....	4
2	33418GT	WASHER,FLAT,.625 X 2.25 X.15.....	4
3	6024GT	NUT,NYLOCK,5/8-11.....	4
4	13014GT	CLAMP,HOSE,2.25" DIA.....	4
5	63413GT	RADIATOR HOSE, UPPER.....	1
6	63418GT	WELDMENT,ENGINE MOUNT,INBOARD.....	2
7	49384GT	SCREW,HHC,M14 X 30.....	4
8	37505GT	WASHER,LOCK,M14.....	4
9	63364PGT	FAN SHROUD, PAINTED.....	1
10	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG...2	2
11	6708GT	SCREW,HHC,3/8-16 X 2.25.....	2
12	6021GT	WASHER, LOCK, .375.....	4
13	5397GT	WASHER,FLAT,USS,5/16",Y.....	14
14	6095GT	WASHER,FLAT,USS,1/2",Y.....	4
15	63401PGT	BAFFLE,PERKINS,S60/80,PAINTED*.....	1
16	6175GT	SCREW,HHC,3/8-16 X 1.....	6
17	13002GT	SCREW,HHC,5/16-18 X 1 GR5.....	6
18	63362PGT	RADIATOR MOUNT, LH, PAINTED.....	1
19	7713GT	NUT, LP NYLOCK, 3/8-16.....	6
20	65473GT	CAP,RADIATOR,PERKINS/FORD.....	1
21	63462GT	RADIATOR,PERKINS,GM.....	1
22	30679-SGT	WELDMENT, ENGINE MODULE PLATE.....	1
23	63363PGT	RADIATOR MOUNT, RH PAINTED.....	1
24	54071GT	COOLANT RETURN SYSTEM,Z45***.....	1
--	72327GT	CAP, COOLANT RET SYS(54071).....	1
25	6090GT	SCREW,HHC,1/4-20 X .75.....	4
26	6638GT	WASHER,FLAT,USS,1/4"Y.....	22
27	6889GT	NUT,LP NYLOCK,1/4-20.....	4
28	6888GT	SCREW,HHC,1/4-20 X 1.....	6
29	6091GT	NUT,NYLOCK,1/4-20.....	6
30	63414GT	RADIATOR HOSE, LOWER.....	1
31	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***...4	4
32	63419GT	WELDMENT,ENGINE MOUNT,OUTBOARD.....	2

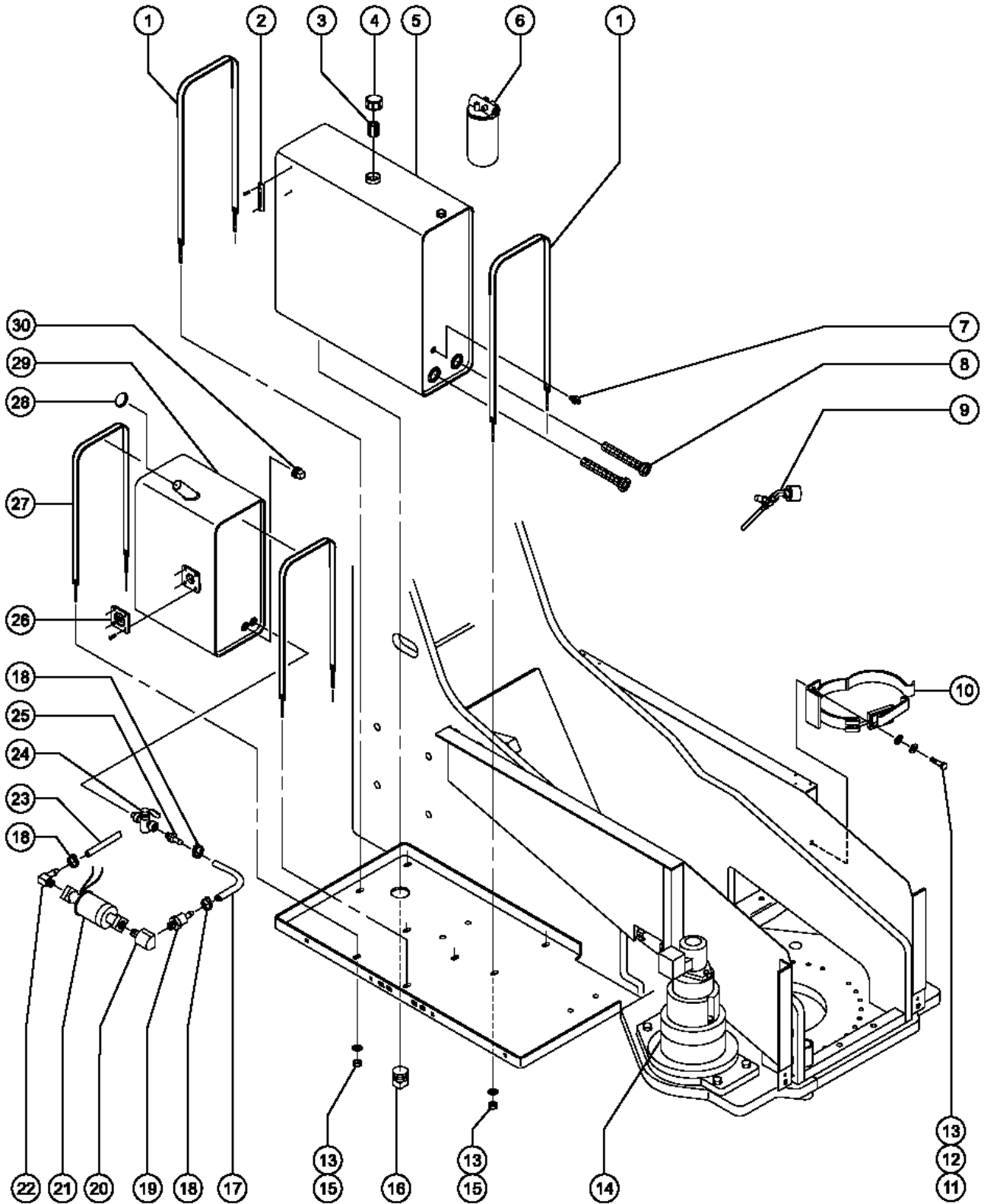
411.1 Perkins 704-30 Engine - View 5



411.1 Perkins 704-30 Engine - View 5

Item	Part No.	Description	Qty.
1	6090GT	SCREW,HHC,1/4-20 X .75.....	11
2	6638GT	WASHER,FLAT,USS,1/4"Y.....	13
3	6091GT	NUT,NYLOCK,1/4-20.....	3
4	63457PGT	AIR INTAKE BRACKET, PAINTED.....	1
5	65766GT	VALVE,SOLENOID,10V W/DIODE***.....	2
--	45912GT	NUT,SOLENOID VALVE 2P3W.....	2
--	81043GT	COIL,SOLENOID,8 DSD 10V,W/DIO*.....	2
6	42157GT	MANIFOLD,BRAKE/MOTOR SHIFT..... <i>includes Index No. 5; to SN 7500</i>	1
--	81024GT	MANIFOLD,BRAKE/2 SPD..... <i>includes Index No. 5; from SN 7501</i>	1
7	6115GT	SCREW,HHC,1/4-20 X 3.5.....	2
8	6889GT	NUT,LP NYLOCK,1/4-20.....	3
9	45455GT	CLAMP,2.75,#44 X 1/4,RUB CUSH*.....	1
10	6356GT	WASHER, LOCK, .25.....	8
11	30679-SGT	WELDMENT, ENGINE MODULE PLATE.....	1
12	45209GT	WEAR PAD,4X2X.5 W/INSERT***.....	4
13	21175GT	SCREW,SHC,5/8-11 X 4,A574.....	2
14	6036GT	WASHER,LOCK,.625 PLTD.....	4
15	33418GT	WASHER,FLAT,.625 X 2.25 X.15.....	4
16		CONTROLLER,GLOW PLUG (53883).... <i>component no longer available</i>	1
17	6888GT	SCREW,HHC,1/4-20 X 1.....	1
18	30143GT	BATTERY,12V,1000 CCA GRP 31.....	1
19	30891GT	BATT.CABLE,00,POS.,RED,50".....	1
20	122058GT	BATTERY CABLE,1/0 GA,BLK 30".....	1
21	18189GT	BOOT,BATTERY TERMINAL,RED.....	1
22	30144GT	BATTERY HOLD DOWN,GROUP 31.....	1
23	8170GT	NUT,WING,1/4-20.....	2
24	30784-975GT	THREADED ROD,(1/4-20),9.75.....	2

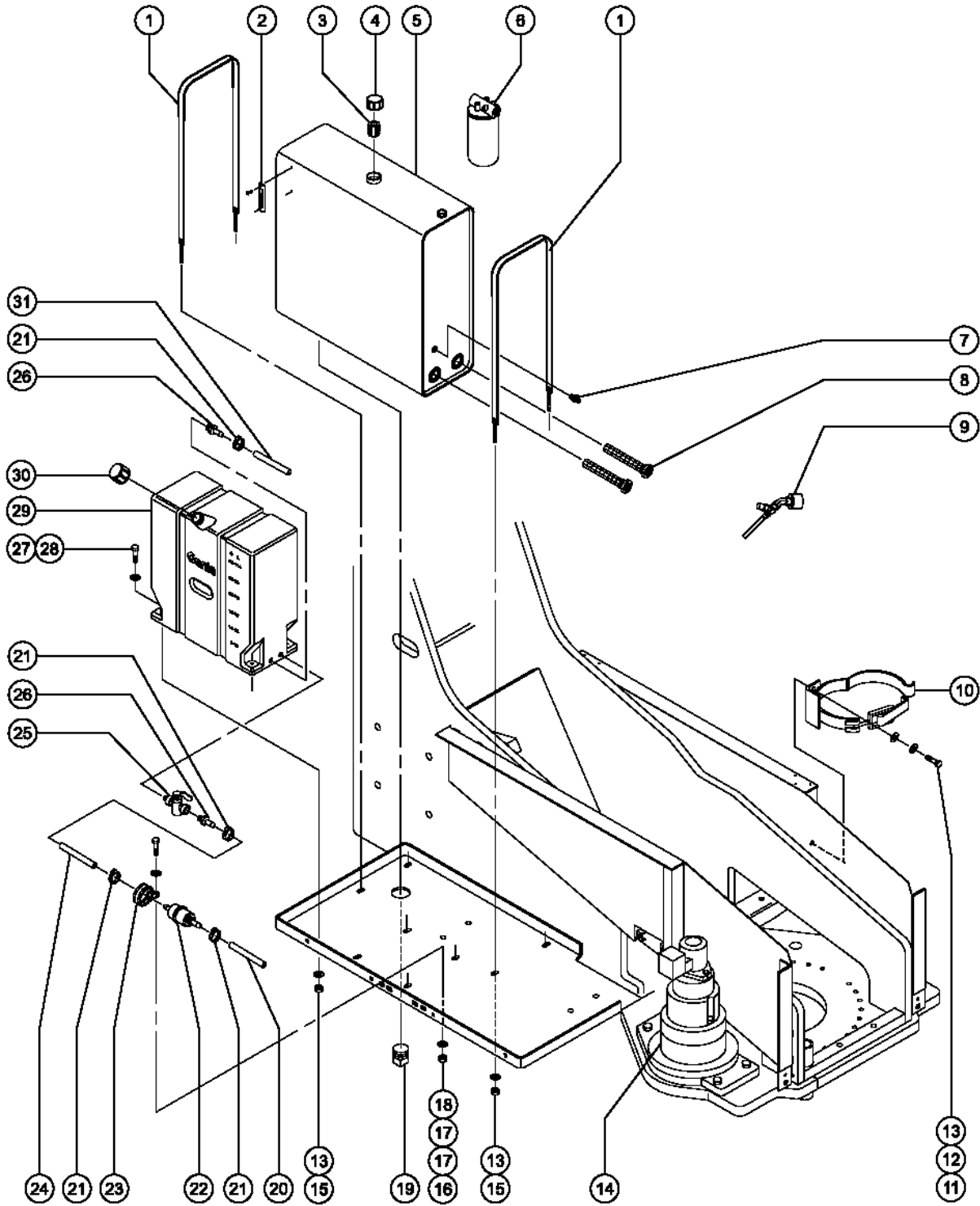
501.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (with metal fuel tank)



501.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (with metal fuel tank)

Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH.....	2
2	21141GT	GAUGE-SIGHT,LHA-LGTB***.....	1
3	31506GT	STRAINER,FILLER NECK.....	1
4	53527GT	CAP,FILLER BREATHER,3 MICRON**.....	1
5	53353GT	TANK,HYDRAULIC,45 GALLON***..... <i>includes Index No's. 2, 8 and 16</i>	1
6	48470GT	FILTER ASSEMBLY W/IND L,PAPER.....	1
--	46014GT	FILTER,ELEMENT,BETA(6)=200.....	1
7	48922GT	CONN,520102-6-6.....	1
8	45161GT	STRAINER ASSEMBLY,1.5" NPT.....	2
9	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**..... <i>Gasoline/LPG models</i>	1
10	53120-SGT	LP.TANK BRACKET TALL WLDMNT..... <i>Gasoline/LPG models</i>	1
11	6175GT	SCREW,HHC,3/8-16 X 1.....	2
12	6021GT	WASHER, LOCK, .375.....	2
13	5397GT	WASHER,FLAT,USS,5/16",Y.....	10
14		Ref. Turntable Rotator..... <i>refer to section 507.1</i>	10
15	4828GT	NUT,NYLOCK,3/8-16.....	8
16	31507GT	PLUG,SQUARE HEAD,3/4 MPT.....	1
17	27089GT	HOSE,5/16 FUEL,SAE 30R7.....	7-inches
18	21465GT	CLAMP,HOSE,SIZE .25 TO .63.....	3
19	28662GT	FILTER,FUEL,LRG-423,SCREW-IN.....	1
20	22585GT	ELBOW,130239-2-2.....	1
21	46164GT	FUEL PUMP KIT,FORD LRG 423***.....	1
--	46164GT	FUEL PUMP KIT,FORD LRG 423***..... <i>includes Index No.s 19, 20 and 22</i>	1
22	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB.....	1
23	27089GT	HOSE,5/16 FUEL,SAE 30R7.....	75-inches
24	19487GT	VALVE, FUEL LOCK.....	1
25	27586GT	HOSE END,MALE,.313 X .25 MPT.....	1
26	30584GT	GAUGE,FUEL,SIDE MOUNT.....	1
27	30179GT	TANK STRAP,BOLT STYLE,62".....	2
28	28829GT	CAP,FUEL,RED***.....	1
29	30546P-SGT	TANK,30 GALLON,PAINTED**..... <i>includes Index No. 30</i>	1
30	18218GT	PLUG,PIPE,HEX HEAD,STL,1/4NPT.....	1

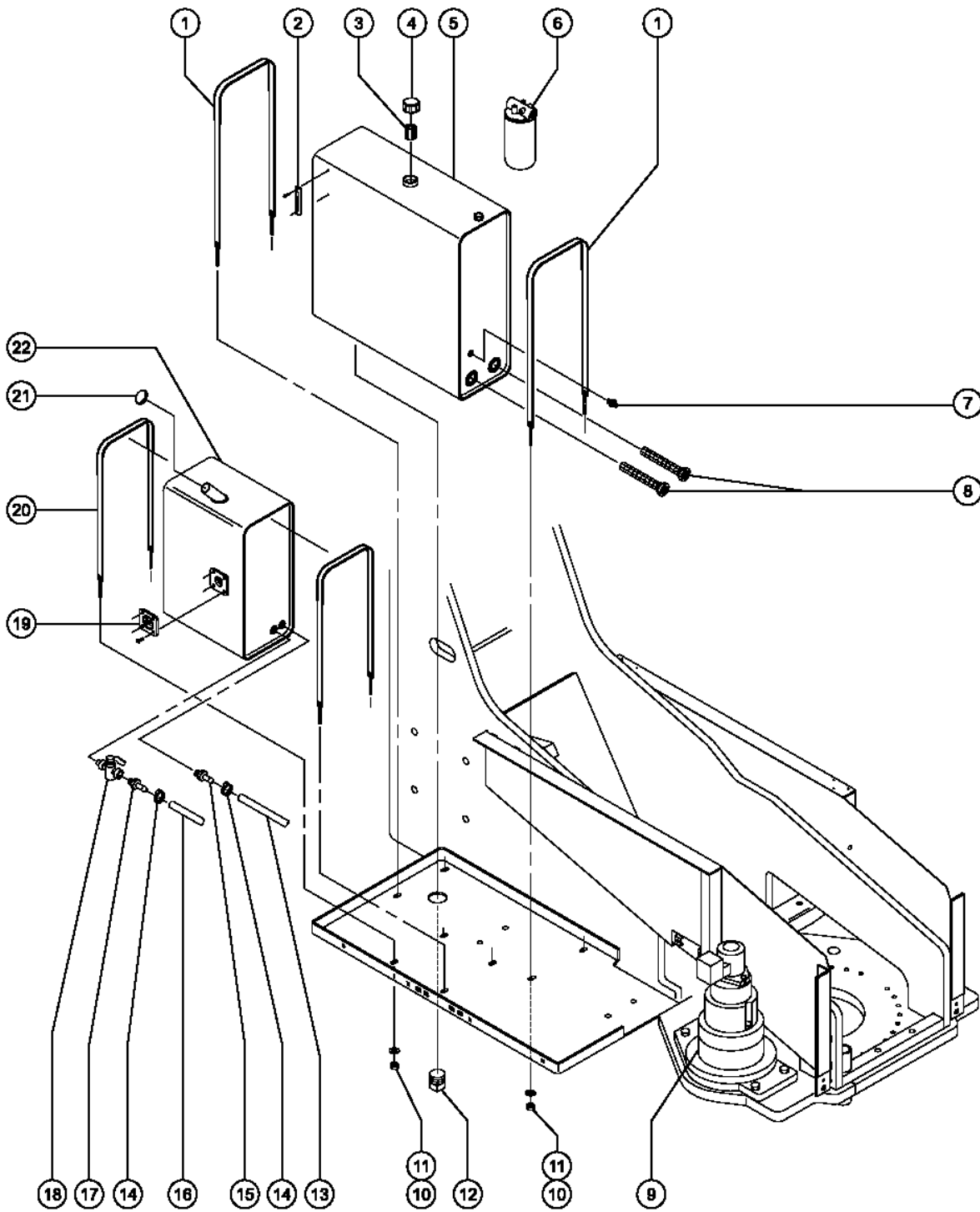
502.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (with plastic fuel tank)



502.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (with plastic fuel tank)

Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH.....	2
2	21141GT	GAUGE-SIGHT,LHA-LGTB***.....	1
3	31506GT	STRAINER,FILLER NECK.....	1
4	53527GT	CAP,FILLER BREATHER,3 MICRON**.....	1
5	53353GT	TANK,HYDRAULIC,45 GALLON***..... <i>includes Index No's. 2, 8 and 19</i>	1
6	48470GT	FILTER ASSEMBLY W/IND L,PAPER.....	1
--	46014GT	FILTER,ELEMENT,BETA(6)=200.....	1
7	48922GT	CONN,520102-6-6.....	1
8	45161GT	STRAINER ASSEMBLY,1.5" NPT.....	2
9	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**..... <i>Gasoline/LPG models</i>	1
10	53120-SGT	LP.TANK BRACKET TALL W/LDMNT..... <i>Gasoline/LPG models</i>	1
11	6175GT	SCREW,HHC,3/8-16 X 1.....	2
12	6021GT	WASHER, LOCK, .375.....	2
13	5397GT	WASHER,FLAT,USS,5/16",Y.....	10
14		Ref. Turntable Rotator..... <i>refer to section 507.1</i>	10
15	4828GT	NUT,NYLOCK,3/8-16.....	8
16	6889GT	NUT,LP NYLOCK,1/4-20.....	1
17	6638GT	WASHER,FLAT,USS,1/4"Y.....	2
18	6090GT	SCREW,HHC,1/4-20 X .75.....	1
19	31507GT	PLUG,SQUARE HEAD,3/4 MPT.....	1
20	27089GT	HOSE,5/16 FUEL,SAE 30R7.....	64-inches
21	21465GT	CLAMP,HOSE,SIZE .25 TO .63.....	3
22	52179GT	FILTER, FUEL LRG 425/423 EFI.....	1
23	45455GT	CLAMP,2.75,#44 X 1/4,RUB CUSH*.....	1
24	27089GT	HOSE,5/16 FUEL,SAE 30R7.....	18-inches
25	19487GT	VALVE, FUEL LOCK.....	1
26	53023GT	FITTING,1/4 MPT 5/16 BARB.....	2
27	8178GT	SCREW,HHC,3/8-16 X 2.5.....	4
28	6097GT	WASHER,FLAT,USS,3/8",Y.....	4
29	73593GT	FUEL TANK,H/D PLASTIC W/DECAL*.....	1
30	101727GT	CAP,FUEL,GAS,1/8"VENT(RED).....	1
31	27089GT	HOSE,5/16 FUEL,SAE 30R7.....	79-inches

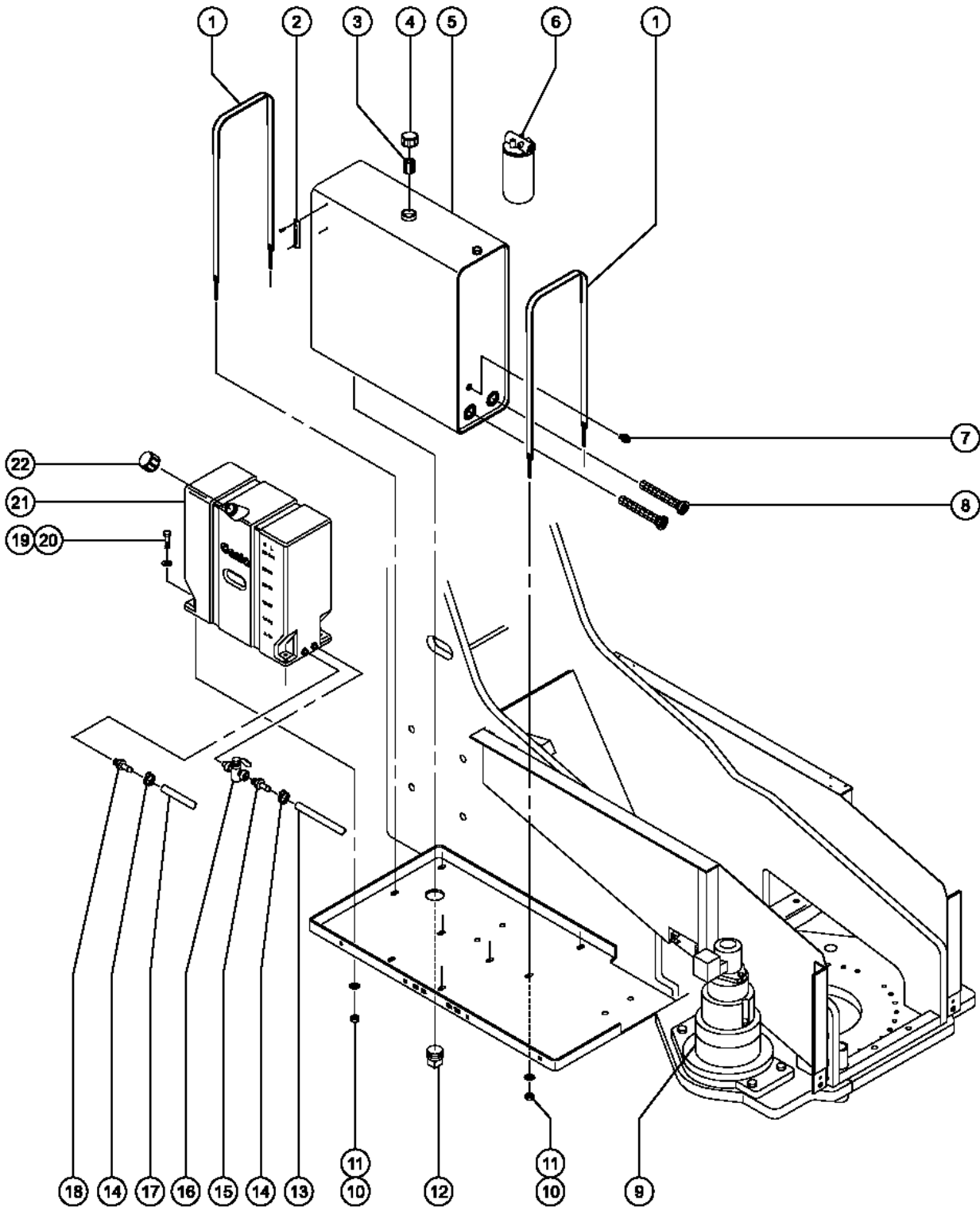
503.1 Hydraulic and Fuel Tanks - Diesel Models (with metal fuel tank)



503.1 Hydraulic and Fuel Tanks - Diesel Models (with metal fuel tank)

Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH.....	2
2	21141GT	GAUGE-SIGHT,LHA-LGTB***.....	1
3	31506GT	STRAINER,FILLER NECK.....	1
4	53527GT	CAP,FILLER BREATHER,3 MICRON**.....	1
5	53353GT	TANK,HYDRAULIC,45 GALLON***..... <i>includes Index No's. 2, 8 and 12</i>	1
6	48470GT	FILTER ASSEMBLY W/IND L,PAPER.....	1
--	46014GT	FILTER,ELEMENT,BETA(6)=200.....	1
7	48922GT	CONN,520102-6-6.....	1
8	45161GT	STRAINER ASSEMBLY,1.5" NPT.....	2
9		Ref. Turntable Rotator..... <i>refer to section 507.1</i>	2
10	4828GT	NUT,NYLOCK,3/8-16.....	8
11	5397GT	WASHER,FLAT,USS,5/16",Y.....	8
12	31507GT	PLUG,SQUARE HEAD,3/4 MPT.....	1
13	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7.....	108-inches
14	21465GT	CLAMP,HOSE,SIZE .25 TO .63.....	2
15	29137GT	HOSE END,MALE.25 X .25 MPT***.....	1
16	27089GT	HOSE,5/16 FUEL,SAE 30R7...104-inches	
17	53023GT	FITTING,1/4 MPT 5/16 BARB.....	1
18	19487GT	VALVE, FUEL LOCK.....	1
19	30584GT	GAUGE,FUEL,SIDE MOUNT.....	1
20	30179GT	TANK STRAP,BOLT STYLE,62".....	2
21	25567GT	CAP,FUEL,GREEN*.....	1
22	30546P-SGT	TANK,30 GALLON,PAINTED**.....	1

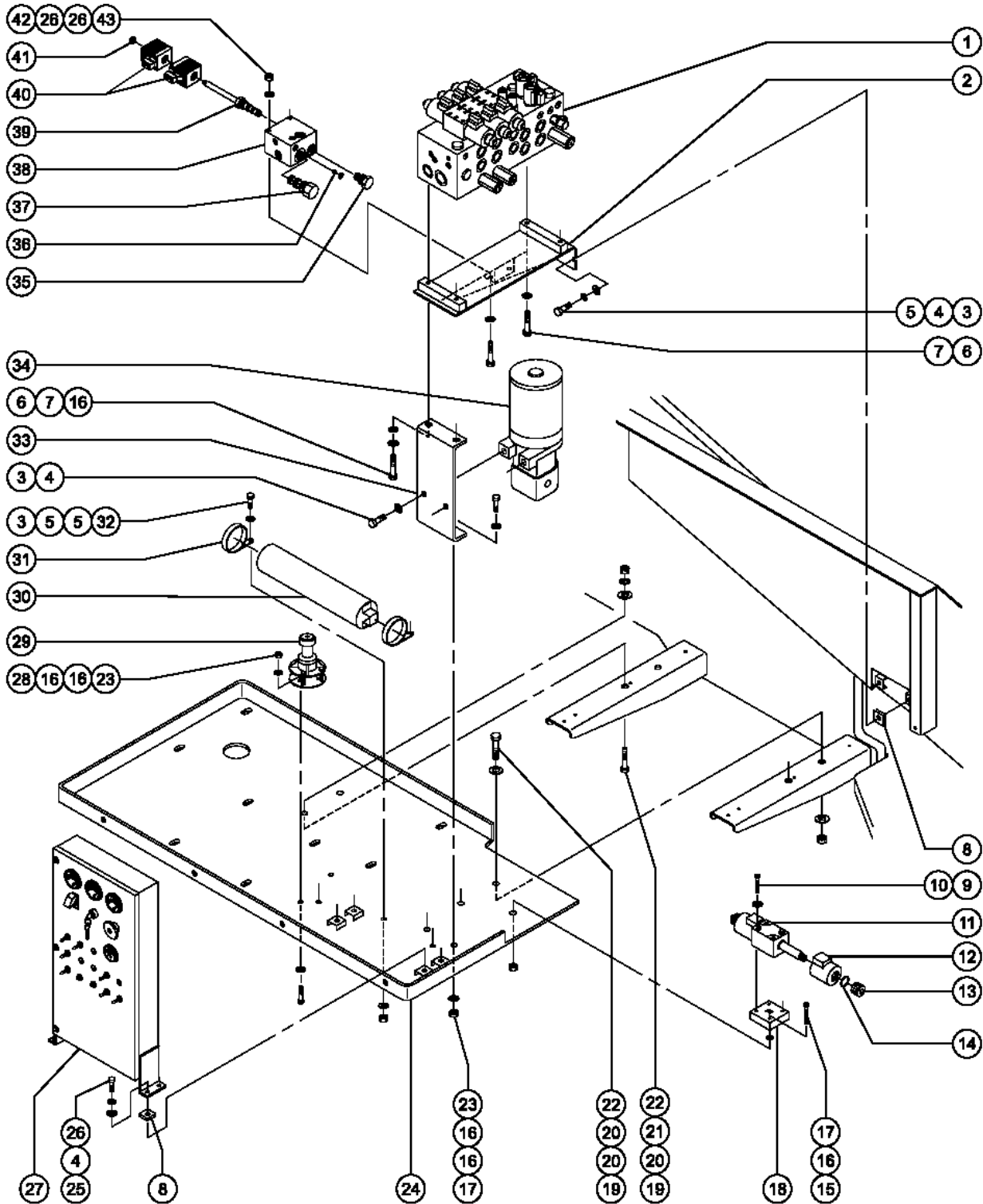
504.1 Hydraulic and Fuel Tanks - Diesel Models (with plastic fuel tank)



504.1 Hydraulic and Fuel Tanks - Diesel Models (with plastic fuel tank)

Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH.....	2
2	21141GT	GAUGE-SIGHT,LHA-LGTB***.....	1
3	31506GT	STRAINER,FILLER NECK.....	1
4	53527GT	CAP,FILLER BREATHER,3 MICRON**.....	1
5	53353GT	TANK,HYDRAULIC,45 GALLON***..... <i>includes Index No's. 2, 8 and 12</i>	1
6	48470GT	FILTER ASSEMBLY W/IND L,PAPER.....	1
--	46014GT	FILTER,ELEMENT,BETA(6)=200.....	1
7	48922GT	CONN,520102-6-6.....	1
8	45161GT	STRAINER ASSEMBLY,1.5" NPT.....	2
9		Ref. Turntable Rotator..... <i>refer to section 507.1</i>	2
10	4828GT	NUT,NYLOCK,3/8-16.....	8
11	5397GT	WASHER,FLAT,USS,5/16",Y.....	8
12	31507GT	PLUG,SQUARE HEAD,3/4 MPT.....	1
13	27089GT	HOSE,5/16 FUEL,SAE 30R7...104-inches	
14	21465GT	CLAMP,HOSE,SIZE .25 TO .63.....	2
15	53023GT	FITTING,1/4 MPT 5/16 BARB.....	1
16	19487GT	VALVE, FUEL LOCK.....	1
17	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7.....108-inches	
18	29137GT	HOSE END,MALE.25 X .25 MPT***.....	1
19	8178GT	SCREW,HHC,3/8-16 X 2.5.....	4
20	6097GT	WASHER,FLAT,USS,3/8",Y.....	4
21	73593GT	FUEL TANK,H/D PLASTIC W/DECAL*.....	1
22	101726GT	CAP,FUEL,DIESEL,1/8" VENT(GRN).....	1

505.1 Function Manifold and Auxiliary Power Unit Installation



505.1 Function Manifold and Auxiliary Power Unit Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1A	146172GT	MANIFOLD,FUNCTION <i>to SN 7500; replaced 46938</i>		32	4828GT	NUT,NYLOCK,3/8-16.....	2
1B	146173GT	MANIFOLD,MULTI-FUNCTION,S60 <i>from SN 7501; replaced 81026</i>		33	30718P-SGT	BRACKET,AUX.PUMP MNT.PAINTED....	1
2	53122-SGT	WELDMENT,FUNCTION MANIFOLD MNT.....	1	34A	32811GT	POWER UNIT,AUX PUMP 12VDC** <i>(dual terminal motor) to SN 3883</i>	
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	8	--	32948GT	COUPLER,PUMP TO MOTOR (32810)....	1
4	6021GT	WASHER, LOCK, .375.....	8	--	32949GT	MOTOR,12V DC (32810/32811)APU.....	1
5	6097GT	WASHER,FLAT,USS,3/8",Y.....	6	--	32955GT	END HEAD, 32810 POWER UNIT.....	1
6	4266GT	SCREW,HHC,1/4-20 X 2.....	4	--	32959GT	BALL,CHECK (32810).....	1
7	6356GT	WASHER, LOCK, .25.....	4	--	32962GT	GASKET,0.0005,SILVER (32810).....	1
8	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG.....	14	--	32963GT	GASKET,0.001,AMBER (32810).....	1
9	45916GT	SCREW,SHC,10-24 X 1.250 (D01).....	4	--	32964GT	GASKET,0.00075,GOLD (32810).....	1
10	6607GT	WASHER,LOCK,#10 PLTD.....	4	--	32967GT	GASKET,PUMP TO DC MTR.(32810)....	1
11	146160GT	VALVE KIT,D03..... <i>includes Index No's. 12 through 14 Non-oscillating models only</i>	1	--	33455GT	PUMP, AUX. POWER UNIT.....	1
12	223763GT	COIL WITH DE CONNECTOR..... <i>non-oscillating models</i>	1	34B	53236GT	POWER UNIT,AUX PUMP 12VDC*..... <i>(single terminal motor) from SN 3884 to 7816</i>	1
13	33568GT	NUT, CP521-1 VALVE..... <i>non-oscillating models</i>	1	--	29417GT	PUMP ASSY.(27648)*****.....	1
14	45914GT	O-RING, DO1 VALVE..... <i>non-oscillating models</i>	1	--	29418GT	COUPLER - 27648 POWER UNIT.....	1
15	30444GT	SCREW,SHC,1/4-20 X 2.....	4	--	29428GT	VALVE,CHECK.....	1
16	6638GT	WASHER,FLAT,USS,1/4"Y.....	14	--	33455GT	PUMP, AUX. POWER UNIT.....	1
17	6091GT	NUT,NYLOCK,1/4-20.....	6	--	62080GT	MOTOR,12V DC,APU (53236).....	1
18	24675GT	SUB PLATE (SPOOL VALVE)..... <i>non-oscillating models</i>	1	--	34C	POWER UNIT,AUX PUMP 12VDC,MTE* <i>(item no longer available, replace with PN 89617); Check unit label for part number prior to ordering components, from SN 7817 to 10890</i>	
19	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	3	--	37187GT	SEAL KIT, 37185 PUMP.....	1
20	13064GT	WASHER,FLAT,.625 HARDENED.....	5	--	37192GT	COUPLER, PUMP / MOTOR (36179)....	1
21	6036GT	WASHER,LOCK,.625 PLTD.....	1	--	62268GT	PUMP, AUX. POWER UNIT.....	1
22	6024GT	NUT,NYLOCK,5/8-11.....	3	--	77069GT	MOTOR,12VDC,77066.....	1
23	6888GT	SCREW,HHC,1/4-20 X 1.....	4	--	77071GT	SOLENOID,77066.....	1
24	30677-SGT	WELDMENT,HYD TANK MODULE.....	1				
25	6175GT	SCREW,HHC,3/8-16 X 1.....	4				
26	5397GT	WASHER,FLAT,USS,5/16",Y.....	8				
27		Ref. Ground Controls..... <i>refer to sections 508.1 or 509.1</i>	8				
28	6889GT	NUT,LP NYLOCK,1/4-20.....	2				
29A	44586GT	SENSOR,LEVEL 4.5***..... <i>to SN 7388</i>	1				
29B	94077GT	SENSOR,LEVEL,4.5 DEG..... <i>from SN 7389</i>	1				
30	36599GT	ACCUMULATOR,250 PSI PRECHARGE.....	1				
31	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32....	2				



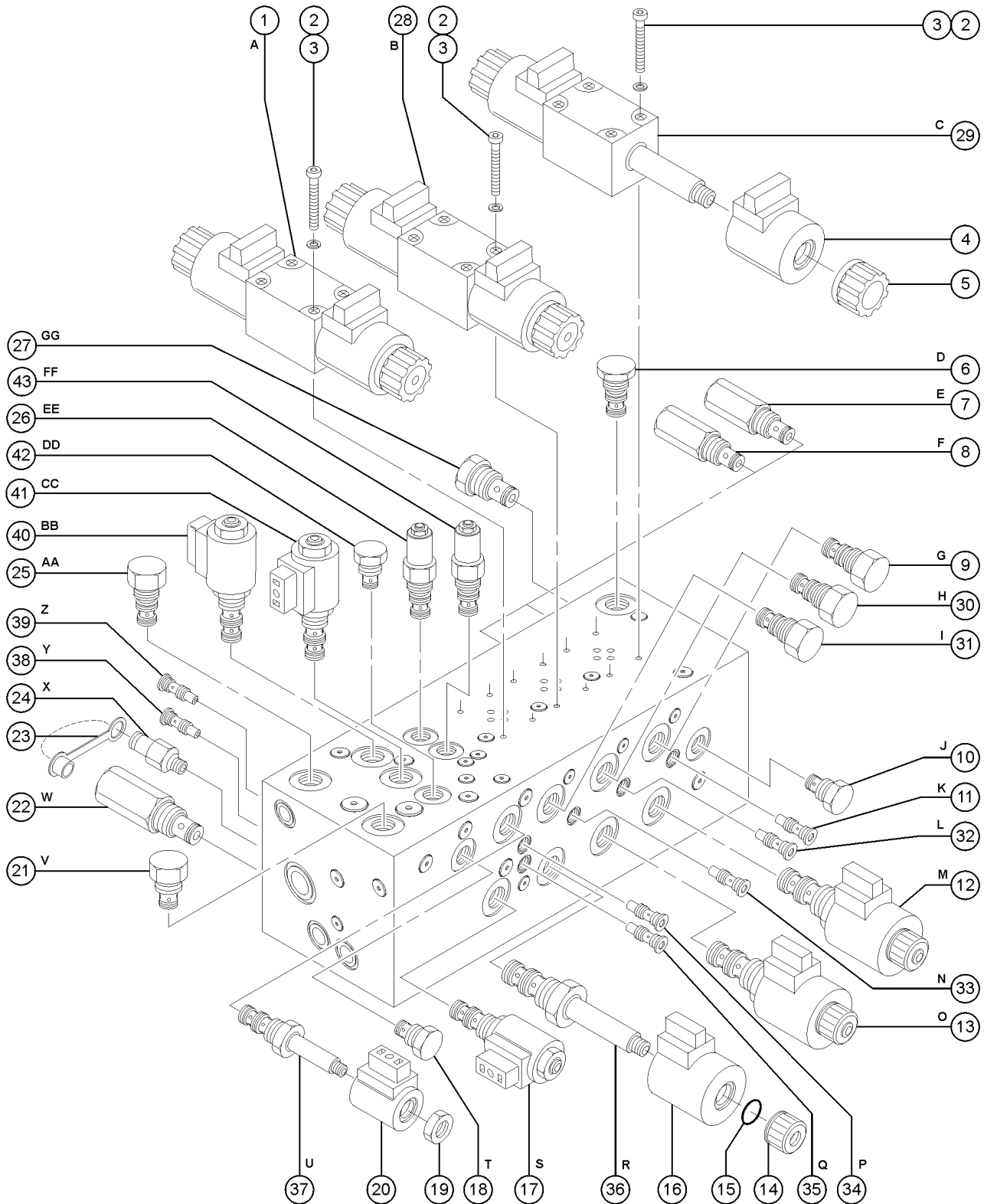
505.1 Function Manifold and Auxiliary Power Unit Installation (continued)

Item	Part No.	Description	Qty.
34D	89617GT	POWER UNIT,AUX PUMP 12VDC.....1 <i>Replaces PN 81071; Check unit label for part number prior to ordering components, from SN 7817</i>	
--	147289GT	SEAL KIT, APU.....1 <i>for APU 89617</i>	
--	147290GT	SHAFT SEAL, APU.....1 <i>for APU 89617</i>	
--	58489GT	PUMP ASSY,AUX.POWER UNIT 89617.....1 <i>for APU 89617</i>	
--	77069GT	MOTOR,12VDC,77066.....1 <i>for APU 89617</i>	
--	77071GT	SOLENOID,77066.....1 <i>for APU 89617</i>	
35	45543GT	VALVE,CHECK, 50 PSI.....1 <i>oscillating models</i>	
36	32669GT	ORIFICE PLUG,.025 (30551).....1 <i>oscillating models</i>	
37	33453GT	VALVE,FLOW REG.,3.5GPM (34543).....1 <i>oscillating models</i>	
38A	48537GT	MANIFOLD,STEER,S60,S80,OSC.....1 <i>includes Index No's. 35 through 41 oscillating models; Complete to SN 7500</i>	
38B	81028GT	MANIFOLD,STEER,S60,80,OSC.....1 <i>includes Index No's. 35 through 41 oscillating models; Complete from SN 7501</i>	
39A	48684GT	VALVE, SOLENOID, 10V.....1 <i>includes Index No's. 40 and 41 oscillating models; to SN 7500</i>	
39B	43609GT	VALVE,SOLENOID 3P4W.....1 <i>includes Index No's. 40 and 41 oscillating models; from SN 7501</i>	
40A	29744GT	COIL,10V.....2 <i>oscillating models; to SN 7500</i>	
40B	81044GT	COIL,SOLENOID,10DSD 10V,W/DIOD...2 <i>oscillating models; from SN 7501</i>	
41	52943GT	NUT,SOLENOID VALVE COIL.....1 <i>Oscillating models</i>	
42	6782GT	NUT,NYLOCK,5/16-18.....2	
43	49468GT	SCREW,HHC,5/16-18 X 3.25.....2	

505.1 Function Manifold and Auxiliary Power Unit Installation
(continued)

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506.1 Function Manifold



506.1 Function Manifold

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	146172GT	MANIFOLD,FUNCTION <i>Complete to SN 7500; replaced 46938</i>		--	81043GT	COIL,SOLENOID,8 DSD 10V,W/DIO* <i>from SN 7501</i>	
--	146173GT	MANIFOLD,MULTI-FUNCTION,S60 <i>Complete from SN 7501; replaced 81026</i>		21	27804GT	VALVE,DIFFERENTIAL SENSING***.....1 <i>V, Meters Flow to Functions</i>	
--	28750GT	O-RING KIT,FIELD SVC,ALL PROD*		22A	32663GT	VALVE,RELIEF 2600 PSI.....1 <i>W, System Relief; S-60 models</i>	
--	49612GT	O-RING KIT (ORFS FITTINGS)		22B	35000GT	VALVE,RELIEF 2900 PSI***.....1 <i>W, System Relief; S-65 models</i>	
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*		23	48880GT	CAP,DIAGNOSTIC NIPPLE.....1	
1	146165GT	VALVE KIT,D03.....1 <i>A, Turntable rotate; includes 2 each items 4 and 5, seal kit is 65879</i>		24	48997GT	NIPPLE,DIAGNOSTIC,#4.....1 <i>X, Testing</i>	
2	43255GT	SCREW,SHC,10-24 X 2.....12		--	20224GT	DIAGNOSTIC FEMALE Q-DSCNT.....1	
3	6607GT	WASHER,LOCK,#10 PLTD.....12		25	34542GT	VALVE,FLOW REGULATOR 5.0 GPM.....1 <i>AA, steer circuit; oscillate models</i>	
4	223763GT	COIL WITH DE CONNECTOR.....6 <i>use connector from old coil when replacing</i>		--	111705GT	VALVE,FLOW REGULATOR 3.5 GPM**.....1 <i>AA, steer circuit; non-oscillate models</i>	
--	48648GT	O-RING, D03 COIL.....6		26	48647GT	VALVE,COUNTERBALANCE,3500 PSI.....1 <i>EE, Platform Level Up</i>	
5	48649GT	NUT-D03 COIL.....6		27	32725GT	VALVE,CHECK (30797).....1 <i>GG, Boom Extend/Retract Circuit</i>	
6	33511GT	VALVE,CHECK,PILOT OPERATED.....1 <i>D, Boom Extend/Retract Circuit</i>		28	146165GT	VALVE KIT,D03.....1 <i>B, Boom Up/Down; includes 2 each items 4 and 5</i>	
7	48640GT	VALVE,RELIEF,2500 PSI.....1 <i>E, Boom Extend</i>		29	146165GT	VALVE KIT,D03.....1 <i>C, Boom Extend/Retract; includes 2 each items 4 and 5</i>	
8	48415GT	VALVE,RELIEF.....1 <i>F, Boom Down</i>		30	27802GT	VALVE,DIFFERENTIAL SENSING***.....1 <i>H, Boom Up</i>	
9	27802GT	VALVE,DIFFERENTIAL SENSING***.....1 <i>G, Boom Extend</i>		31	27802GT	VALVE,DIFFERENTIAL SENSING***.....1 <i>I, Turntable Rotate Left/Right</i>	
10	32975GT	VALVE,FLOW REGULATOR 0.1 GPM.....1 <i>J, Bleeds off Differential Sensing Valve to tank</i>		32	27807GT	VALVE,CHECK***.....1 <i>L, Differential Sensing Circuit, Boom Up/Down</i>	
11	27807GT	VALVE,CHECK***.....1 <i>K, Differential Sensing Circuit, Boom Extend/Retract</i>		33	27807GT	VALVE,CHECK***.....1 <i>N, Differential Sensing Circuit, Turntable Left/Right</i>	
12	48641GT	VALVE,PROPORTIONAL, 12V **.....1 <i>M, Boom extend/retract; includes 1 each of Index No's. 14 through 16</i>		34	27807GT	VALVE,CHECK***.....1 <i>P, Differential Sensing Circuit, Platform Level Circuit</i>	
13	27801GT	VALVE,PROPORTIONAL SOLENOID***.....1 <i>O, Boom up/down; includes 1 each of Index No's. 14 through 16</i>		35	27807GT	VALVE,CHECK***.....1 <i>Q, Differential Sensing Circuit, Platform Level Circuit</i>	
14	45921GT	RETAINER-N.C.PROPOR.SOLENOID....3		36	27801GT	VALVE,PROPORTIONAL SOLENOID***.....1 <i>R, Turntable Left/Right</i>	
15	45914GT	O-RING, DO1 VALVE.....3		37	65766GT	VALVE,SOLENOID,10V W/DIODE***.....1 <i>U, Platform Level Down; includes items 19 and 20; from SN 7501</i>	
16	21935GT	COIL, 12V, 19972/21623/29069.....3		--	48642GT	VALVE-SOLENOID, 2POS,3WAY,10V.....1 <i>U, Platform Level Down; includes items 19 and 20; to SN 7500</i>	
17	65766GT	VALVE,SOLENOID,10V W/DIODE***.....1 <i>S, Platform level up; includes Index No's. 19 and 20; from SN 7501</i>					
--	48642GT	VALVE-SOLENOID, 2POS,3WAY,10V <i>S, Platform level up; includes Index No's. 19 and 20; to SN 7500</i>					
18	31100GT	VALVE,FLOW REGULATOR 0.6GPM.....2 <i>T, Platform Level Circuit</i>					
19	45912GT	NUT,SOLENOID VALVE 2P3W.....4					
20	27814GT	COIL,SOLENOID,10V.....4 <i>to SN 7500</i>					

506.1 Function Manifold
(continued)

Item	Part No.	Description	Qty.
38	27807GT	VALVE,CHECK***1 <i>Y, Differential Sensing Circuit, Platform Rotate Circuit</i>	
39	27807GT	VALVE,CHECK***1 <i>Z, Differential Sensing Circuit, Platform Rotate Circuit</i>	
40	65766GT	VALVE,SOLENOID,10V W/DIODE***1 <i>BB, Platform Rotate Left; from SN 7501</i>	
--	48642GT	VALVE-SOLENOID, 2POS,3WAY,10V <i>BB, Platform Rotate Left; to SN 7500</i>	
41	65766GT	VALVE,SOLENOID,10V W/DIODE***1 <i>CC, Platform Rotate Right; from SN 7501</i>	
--	48642GT	VALVE-SOLENOID, 2POS,3WAY,10V <i>CC, Platform Rotate Right; to SN 7500</i>	
42	31100GT	VALVE,FLOW REGULATOR 0.6GPM <i>DD, Platform Rotate Circuit</i>	
43	48647GT	VALVE,COUNTERBALANCE,3500 PSI <i>FF, Platform Level Down</i>	
43A	58994GT	SEAL KIT,VALVE (48647) <i>for 48647</i>	

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507.1 Turntable Rotator and Hydraulic Rotary Coupler Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
A				23	33471GT	PIN ASSEMBLY,TURNTABLE ROTAT.....	1
1	22788GT	SCREW,HHC,1/2-13 X 1.75.....	10			<i>includes one each of index number 10 and index numbers 19, 20, and 22; to SN 7168</i>	
2	6033GT	WASHER,LOCK,0.5".....	10	--	73836GT	PIN,ROTATION STOP.....	1
3	22541GT	SCREW,RHM,10-32 X 1.5.....	2			<i>from SN 7169</i>	
4	6146GT	WASHER,FLAT,MS,#10,Y.....	2	24	48904GT	ELBOW,90D,520220-4-4.....	1
5	6178GT	NUT,NYLOCK,10-32.....	2	25	49189-2988GT	HOSE ASSEMBLY,1/4".....	1
6	34961GT	SWITCH,LIMIT,W/ROLLER ARM.....	1	26	49458-SGT	WLDMT.HYD.,SWIVEL MNT.,S60,S80....	1
7	29382GT	CONN. SQZ,1/2NPT .38-.50,90DEG.....	1	27	6096GT	SCREW,HHC,1/2-13 X 2 GR5.....	2
8	53632P-SGT	BRKT,LIM SW,DRIVE ENBL,PAINTED.... <i>to SN 4456</i>	1	28	13066GT	WASHER,FLAT,.5 HARDENED.....	6
9	6090GT	SCREW,HHC,1/4-20 X .75.....	2	29	6198GT	NUT,NYLOCK,1/2-13.....	2
10	6356GT	WASHER, LOCK, .25.....	2	30	20654GT	SCREW,SHC,5/8-11 X 3.50,A574.....	18
11	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8.....	4	31	28646GT	ZERK,GREASE,1/8 NPT.....	1
12	5397GT	WASHER,FLAT,USS,5/16",Y.....	11	32	30895GT	BEARING,TURNTABLE.....	1
13	4828GT	NUT,NYLOCK,3/8-16.....	6	33	6175GT	SCREW,HHC,3/8-16 X 1.....	5
14A	48541GT	HYD.SWIV.,9PORT S60,Z60..... <i>to SN 7764</i>	1	34	6021GT	WASHER, LOCK, .375.....	3
--	49528GT	SEAL KIT,SWIVEL (48541) <i>for 48541</i>		35	73862PGT	FORMING,PINION GUARD,PAINTED.....	1
--	73895GT	HYDRAULIC SWIVEL,9 PORT*** <i>from SN 7765</i>		36	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5.....	1
--	75466GT	SEAL KIT,SWIVEL (73895) <i>for 73895</i>		37	6034GT	NUT,HEX,JAM,1/2-13.....	1
--	T106954GT	SEAL, O-RING LIP <i>use with swivel 48541</i>		38	34762-SGT	BACKLASH ADJUSTMENT PLATE S60.....	1
--	T106955GT	SEAL, POLY, CHAMFER <i>use with swivel 48541</i>		39	34347GT	SCREW,HHC,3/4-10 X 4.5.....	3
--	T106956GT	SEAL, O-RING, SQUARE <i>use with swivel 48541</i>		40	33278GT	WASHER,FLAT,.75 HARDENED.....	3
--	T106958GT	SEAL, CAP <i>use with swivel 48541</i>		41	10256GT	WASHER,FLAT,USS,3/4",Y.....	6
--	T106959GT	SEAL, CROWN, 2 PART <i>use with swivel 48541</i>		42	77051GT	NUT,NYLOCK,3/4-10,GRD.8.....	4
--	T106960GT	SEAL, CAP <i>use with swivel 48541</i>		43	34710GT	SCREW,SHS,5/8-11 X 3.....	1
15	17712GT	SCREW,FHS,3/8-16 X 1.75.....	2	44	34766GT	RETAINER PLATE,PINION GEAR***.....	1
16	41549GT	PAD,BOOM REST.....	1	45	34606GT	PINION GEAR (SET).....	1
17	45495GT	SCREW,SHC,5/8-11 X 3.00,A574.....	30	46	34761GT	TORQUE HUB,36:1***.....	1
18	13064GT	WASHER,FLAT,.625 HARDENED.....	48	--	29290GT	SEAL KIT,FAIRFIELD (S1A2)***.....	1
19	7339GT	SCREW, HHC, 1/4-20 X .5..... <i>to SN 7168</i>	1	47	52087GT	O-RING,2-044 BUNA***.....	1
--	6090GT	SCREW,HHC,1/4-20 X .75..... <i>from SN 7169</i>	1	48	73919GT	BRAKE,1200 INLB***..... <i>includes Index No's. 47 and 49</i>	1
20	6638GT	WASHER,FLAT,USS,1/4"Y.....	1	--	29291GT	SEAL KIT,MICO.....	1
21	73835GT	PLATE,PIN RETAINER..... <i>from SN 7169</i>	1	--	29293GT	BEARING KIT,MICO.....	1
22	11637GT	PIN ASSY, RETAINER, SS I & II.....	1	--	41918GT	LINING KIT,MICO BRAKE.....	1
				49	22811GT	O-RING,MOTOR TO BRAKE***..... <i>measures approx 4" x 0.10"</i>	1
				50	81366GT	MANIFOLD,SWING CB & BRAKE..... <i>includes Index No's. 52 and 53</i>	1
				--	111363GT	O-RING,DISCONNECT ROD (111060) <i>for 81366 manifold</i>	
				--	31519GT	O-RING (2-114)..... <i>for 53995 manifold</i>	1
				51	37218GT	SCREW,HHC,5/16-18 X 3.00.....	4

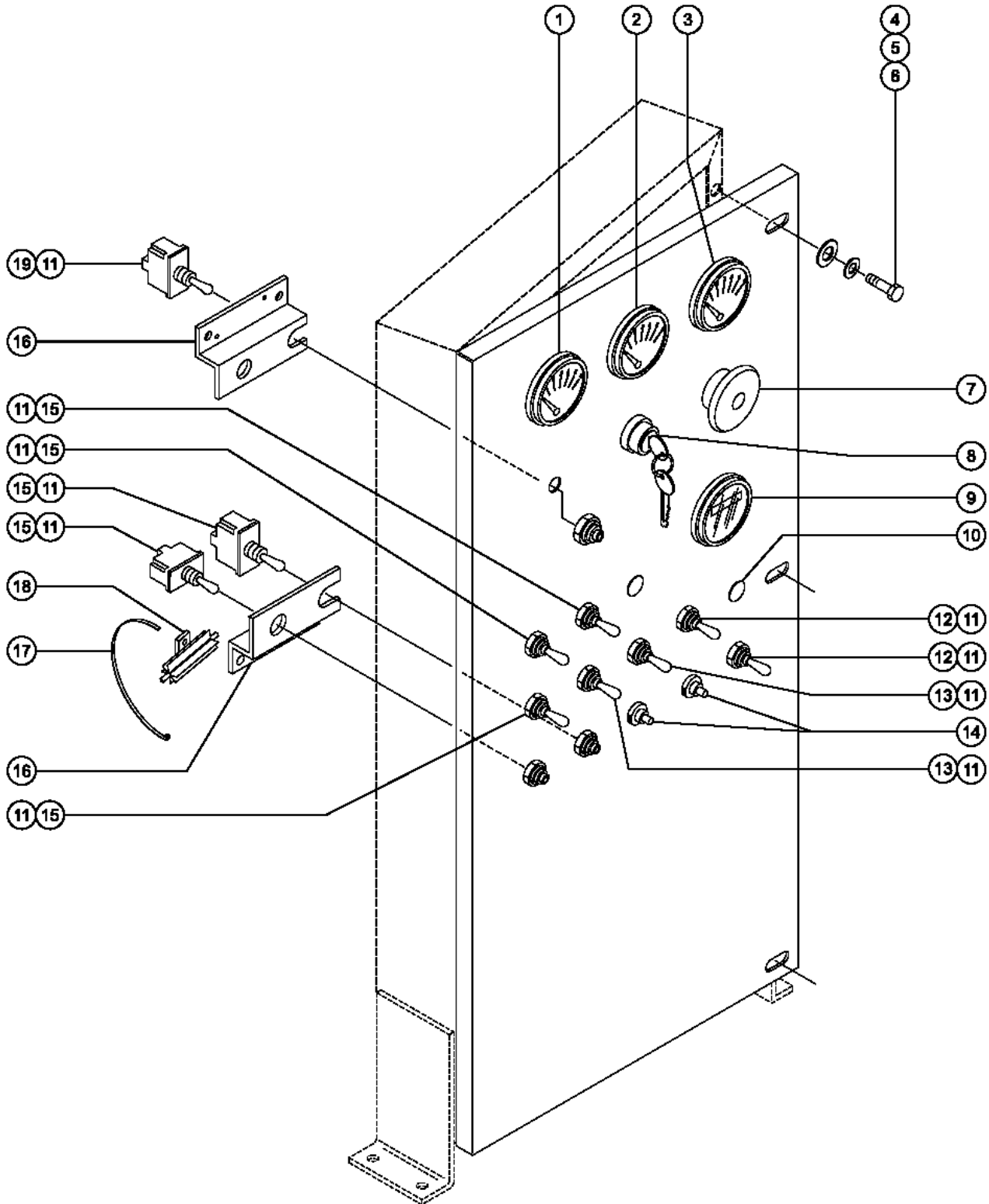
507.1 Turntable Rotator and Hydraulic Rotary Coupler Installation
(continued)

Item	Part No.	Description	Qty.
52	45483GT	VALVE,SHUTTLE***1 <i>for 81366 manifold</i>	
53A	83009GT	VALVE,COUNTERBALANCE(81366)***1 <i>for 81366 manifold</i>	
53B	40983GT	VALVE,COUNTERBALANCE,1500 PSI1 <i>for 53995 manifold</i>	
54	53999GT	MOTOR,TURNTABLE ROTATE**1	
--	65616GT	SEAL KIT PWR WHL MOTOR1	
55	13854GT	SCREW,HHC,1/2-13 X 4.5,GRD.82	

507.1 Turntable Rotator and Hydraulic Rotary Coupler Installation
(continued)

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508.1 Ground Controls - View 1



508.1 Ground Controls - View 1

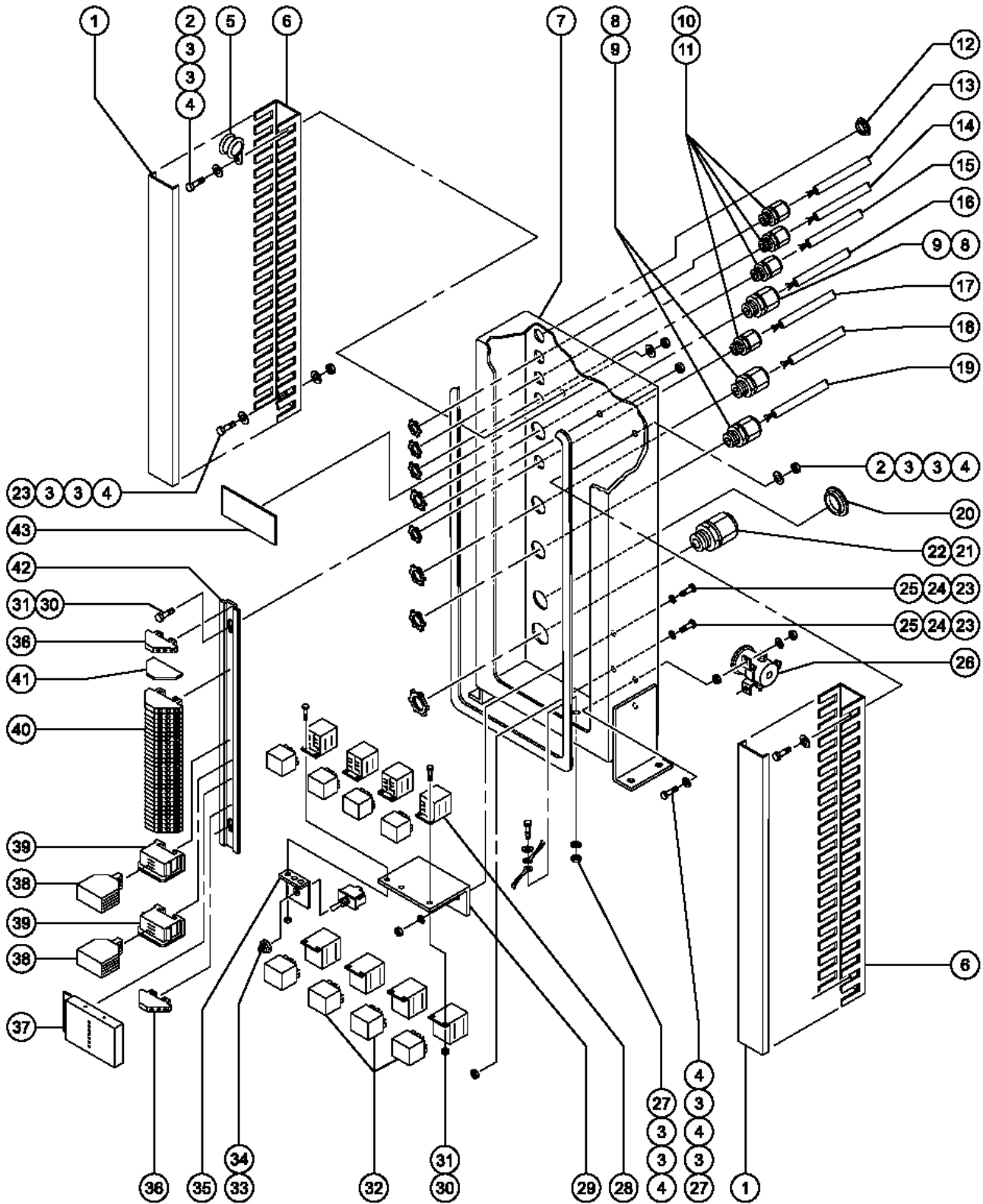
Item	Part No.	Description	Qty.
1	53759-SGT	GAUGE,WATER TEMP.....1 <i>includes mounting bracket and fasteners; Gasoline/LPG models</i>	1
--	53760-SGT	GAUGE,OIL TEMP.....1 <i>includes mounting bracket fasteners; Diesel models</i>	1
2	53758-SGT	GAUGE,OIL PRESSURE W/O SENDER.....1 <i>includes mounting bracket and fasteners</i>	1
3	53761-SGT	GAUGE,VOLTAGE.....1 <i>includes mounting bracket and fasteners</i>	1
4	6090GT	SCREW,HHC,1/4-20 X .75.....3	3
5	6356GT	WASHER, LOCK, .25.....3	3
6	6638GT	WASHER,FLAT,USS,1/4"Y.....3	3
7	122514GT	KIT,ESTOP SVC BB&SM BOOM.....1	1
--	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD.....1	1
--	66818GT	CONTACT,NC.....2	2
--	66821GT	BASE,WITHOUT CONTACTS.....1	1
8	122512GT	KIT,KEYSWITCH SVC BB & SM BOOM.....1	1
--	21982GT	KEY,SINGLE***.....1	1
--	37947GT	KEYS,10 PACK***.....1	1
--	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY**.....1 <i>includes keyswitch and two keys, not included: base or contacts.</i>	1
--	66816GT	CONTACT,N.O.....2	2
--	66821GT	BASE,WITHOUT CONTACTS.....1	1
9	19506GT	HOUR METER,10-80 VOLTS***.....1 <i>includes mounting bracket</i>	1
10A	45384GT	PLUG,NYLON .50 BLACK DOMED.....2 1	2
10B	824879GT	LIGHT,LED IND. RED 12V NH.....1 <i>Gasoline/LPG models</i>	1
10C	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*.....1 <i>Deutz Diesel, Glow Plug Option</i>	1
11	27246GT	BOOT,TOGGLE SWITCH,SHORT*.....9 1	9
12	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*.....3 1 <i>includes mounting fasteners</i>	3
13	56457-SGT	SWITCH,TOGGLE,SPDT,2 POS MAINT.....2 <i>includes mounting fasteners; Gasoline/LPG models</i>	2
--	45384GT	PLUG,NYLON .50 BLACK DOMED.....2 <i>Diesel models</i>	2

Item	Part No.	Description	Qty.
14	147094GT	ASSY, CIRCUIT BREAKER 15A.....2 <i>includes mounting fasteners</i>	2
15	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN.....5 <i>includes mounting fasteners</i>	5
16	53820GT	BRACKET, PANEL WIRE MOUNTING....2	2
17	21121GT	CABLE TIE,4" BLK,HEAT RESISTNT....2	2
18	27287GT	RESISTOR,10 OHM,25 WATT.....1	1
19	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN.....1 <i>includes mounting fasteners</i>	1
--	13471GT	COVER, AUXILIARY POWER SWITCH.....1	1

Footnotes

1: Quantity listed may not reflect specific model configuration requirements.

509.1 Ground Controls - View 2 (to SN 7837)



509.1 Ground Controls - View 2 (to SN 7837)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	74644GT	TOOL,WAGO TERM RELEASE,1-WAY.....	1	25	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD.....	2
1	1262218GT	COVER, DUCT, WIRING..... <i>replaced 28299</i>	2	26	53967GT	SOLENOID,12V CONTINUOUS.....	1
2	6888GT	SCREW,HHC,1/4-20 X 1.....	2	27	6090GT	SCREW,HHC,1/4-20 X .75.....	3
3	6638GT	WASHER,FLAT,USS,1/4"Y.....	19	28	34053GT	ASSY,RELAY SOCKET, AUTO..... <i>Gasoline/LPG models</i>	6
4	6091GT	NUT,NYLOCK,1/4-20.....	11	--	34053GT	ASSY,RELAY SOCKET, AUTO..... <i>Diesel models</i>	6
5	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH.....	1	--	34054GT	TERM,RELAY N-INSULATED 10-12 G...6	6
6	28298GT	WIRING DUCT, 1.5 X 1.5.....	2	--	34055GT	TERM RELAY,N-INSULATE 14-16 GA...6	6
7	35811GT	CONTROL BOX W/LID&DECAL,GRND.....	1	--	34056GT	TERM,RELAY,N-INSULATE 18-20 GA...6	6
--	121599GT	GASKET,GBOX,S80/85 2008..... <i>replaced 30782</i>	1	29	52945-SGT	RELAY MOUNT ASSY.....	1
8	12960GT	CABLE SQUEEZE CONN.,XTRA LRG...3	3	30	6178GT	NUT,NYLOCK,10-32..... 1	4
9	14041GT	LOCKNUT,ELECTRIC,3/4".....	3	31	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL....5 1	5
10	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM...4	4	32	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**....6 <i>Gasoline/LPG models</i>	6
11	6935GT	LOCKNUT,ELEC,1/2".....	4	--	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**....6 <i>Diesel models</i>	6
12	15243GT	PLUG,NYLON .875 BLACK DOMED.....	1	33	27246GT	BOOT,TOGGLE SWITCH,SHORT*..... <i>Gasoline/LPG models</i>	1
13	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....	240-inches	34	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN..... <i>Gasoline/LPG models</i>	1
14	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....	226-inches	--	54692GT	SPACER,NYLON,.718 X .526 X.219.....	1
15	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....	120-inches	35	49743GT	BRACKET,TOGGLE SWITCH..... <i>Gasoline/LPG models</i>	1
16A	48533GT	WIRE CABLE,18GA/19 CON.BNDREX.....	984-inches S-60	36	25974GT	PLASTIC END STOP.....	2
16B	48533GT	WIRE CABLE,18GA/19 CON.BNDREX.....	1044-inches S-65	37	56057GT	MODULE,IGNITION/START,12/24V..... <i>to SN 7129</i>	2
17A	43955GT	WIRE CABLE,12/3 CON.TPE JKT.....	984-inches S-60 (<i>black, white, brown</i>)	--	56057GT	MODULE,IGNITION/START,12/24V..... <i>from SN 7130</i>	1
17B	43955GT	WIRE CABLE,12/3 CON.TPE JKT.....	1044-inches S-65 (<i>black, white, brown</i>)	38	25807GT	DIODE BLOCK SUPPRESSION..... <i>from SN 7502</i>	1
18A	48533GT	WIRE CABLE,18GA/19 CON.BNDREX.....	984-inches S-60	--	25807GT	DIODE BLOCK SUPPRESSION..... <i>to SN 7501</i>	2
18B	48533GT	WIRE CABLE,18GA/19 CON.BNDREX.....	1044-inches S-65	39	25808GT	CARRIER TERMINAL(5 PER BLOCK)....1 <i>from SN 7502</i>	1
19	35934GT	WIRE CABLE,18/19 CON.TPRJKT.....	60-inches	--	25808GT	CARRIER TERMINAL(5 PER BLOCK)....2 <i>to SN 7501</i>	2
20	45385GT	PLUG,NYLON 1.12 BLACK DOMED.....	1	40	25836GT	TERMINAL BLOCK(SINGLE),WAGO***.....	44
21	20776GT	CABLE SQUEEZE CONN.....	1	--	32638GT	TERMINAL BLOCK,WAGO.....	2
22	18665GT	LOCKNUT,ELECTRIC,1" NPT.....	1	41	25837GT	TERMINAL STRIP END PLATE.....	1
23	8914GT	SCREW, HHC, 1/4-20 X .625.....	4	42	28310GT	DIN RAIL,23.75".....	1
24	6356GT	WASHER, LOCK, .25.....	7	43	30997GT	CORROSION INHIBITOR,FOAM.....	1

509.1 Ground Controls - View 2 (to SN 7837)
(continued)

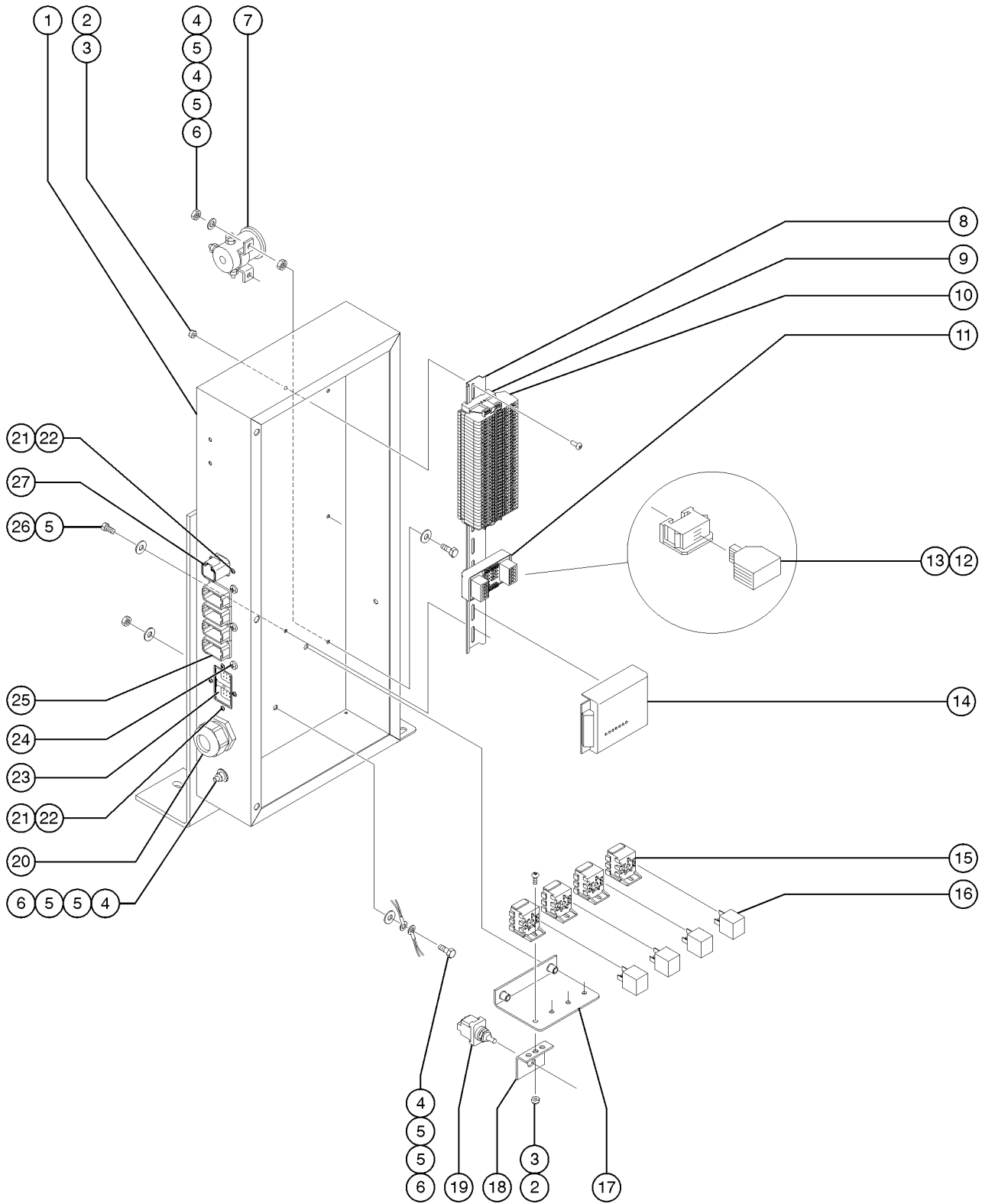
Item	Part No.	Description	Qty.
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Footnotes

1: Quantity listed may not reflect specific model configuration requirements.

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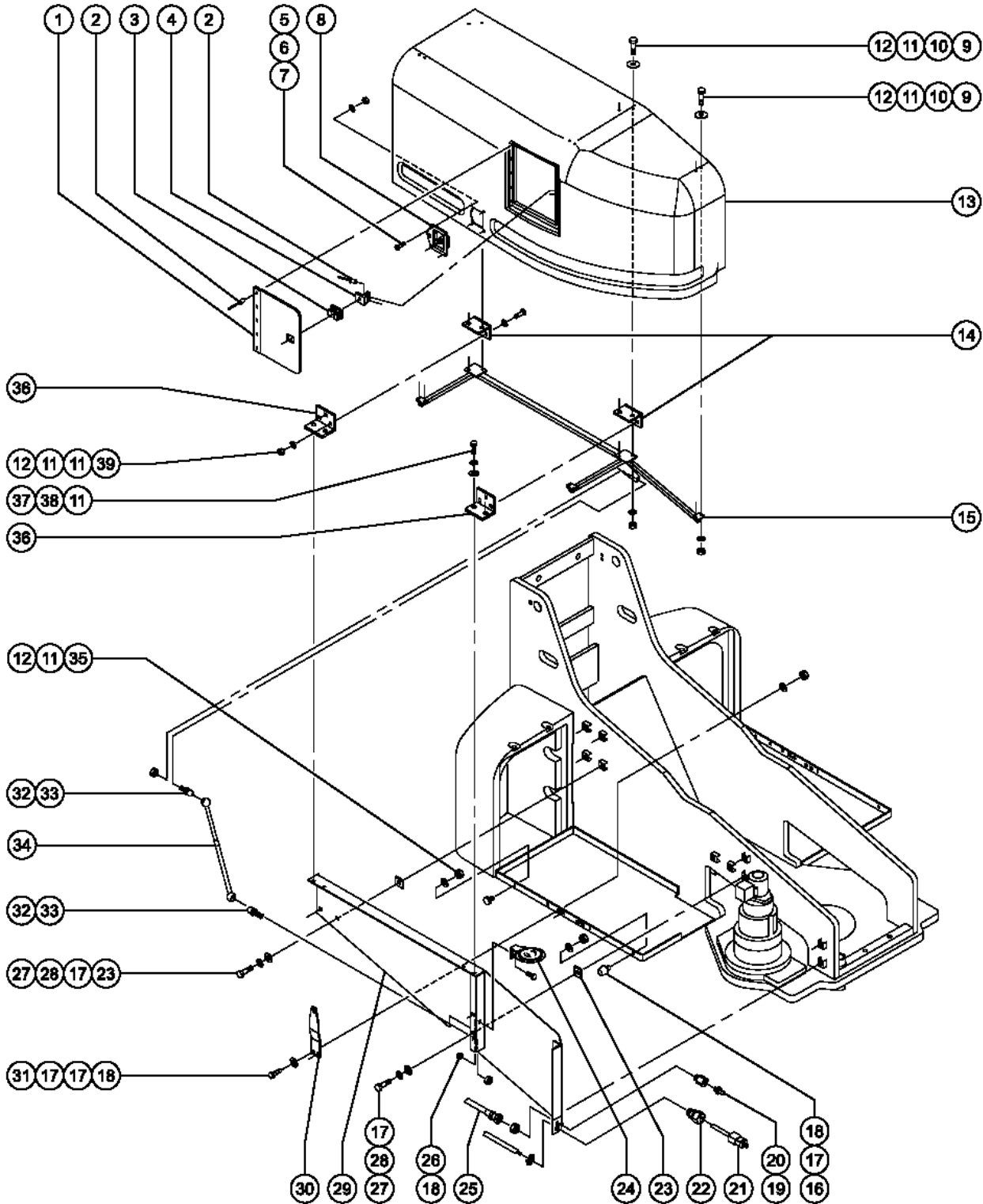
509.2 Ground Controls - View 2 (from SN 7838)



509.2 Ground Controls - View 2 (from SN 7838)

Item	Part No.	Description	Qty.
1	73937PGT	ASSEMBLY,GROUND CONTROL BOX,P6.....	1
--	121599GT	GASKET,GBOX,S80/85 2008..... <i>replaced 30782</i>	1
2	6178GT	NUT,NYLOCK,10-32	
3	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
4	6091GT	NUT,NYLOCK,1/4-20	
5	6638GT	WASHER,FLAT,USS,1/4"Y	
6	6090GT	SCREW,HHC,1/4-20 X .75	
7	53967GT	SOLENOID,12V CONTINUOUS.....	1
8	33422GT	DIN RAIL,17".....	1
9	25837GT	TERMINAL STRIP END PLATE.....	2
10	25836GT	TERMINAL BLOCK(SINGLE),WAGO***.....	34
11	25807GT	DIODE BLOCK SUPPRESSION..... <i>First time replacement: replace with items 12 and 13</i>	1
12	25807GT	DIODE BLOCK SUPPRESSION.....	1
13	25808GT	CARRIER TERMINAL(5 PER BLOCK)....	1
14	56057GT	MODULE,IGNITION/START,12/24V.....	1
15	34053GT	ASSY,RELAY SOCKET, AUTO.....	4
16	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**.....	4
17	54534GT	ANGLE,RELAY MNT,W/NUTSERTS,PNT.....	1
18	49743GT	BRACKET,TOGGLE SWITCH.....	1
19	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM..... <i>Gasoline/LPG models; Includes boot and hardware</i>	1
20	20776GT	CABLE SQUEEZE CONN.....	1
21	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
22	12344GT	NUT,NYLOCK,6-32	
23	73753GT	CONN,RECEP 24 WAY,W/FLANGE.....	1
24	73803GT	SCREW,SHM,PHP, #12 X .75	
25	73736GT	CONN,RECEP 48 WAY,4 X 12.....	1
26	7339GT	SCREW, HHC, 1/4-20 X .5	
27	73717GT	CONN,RECEP 4 WAY,12-14GA FL***.....	1

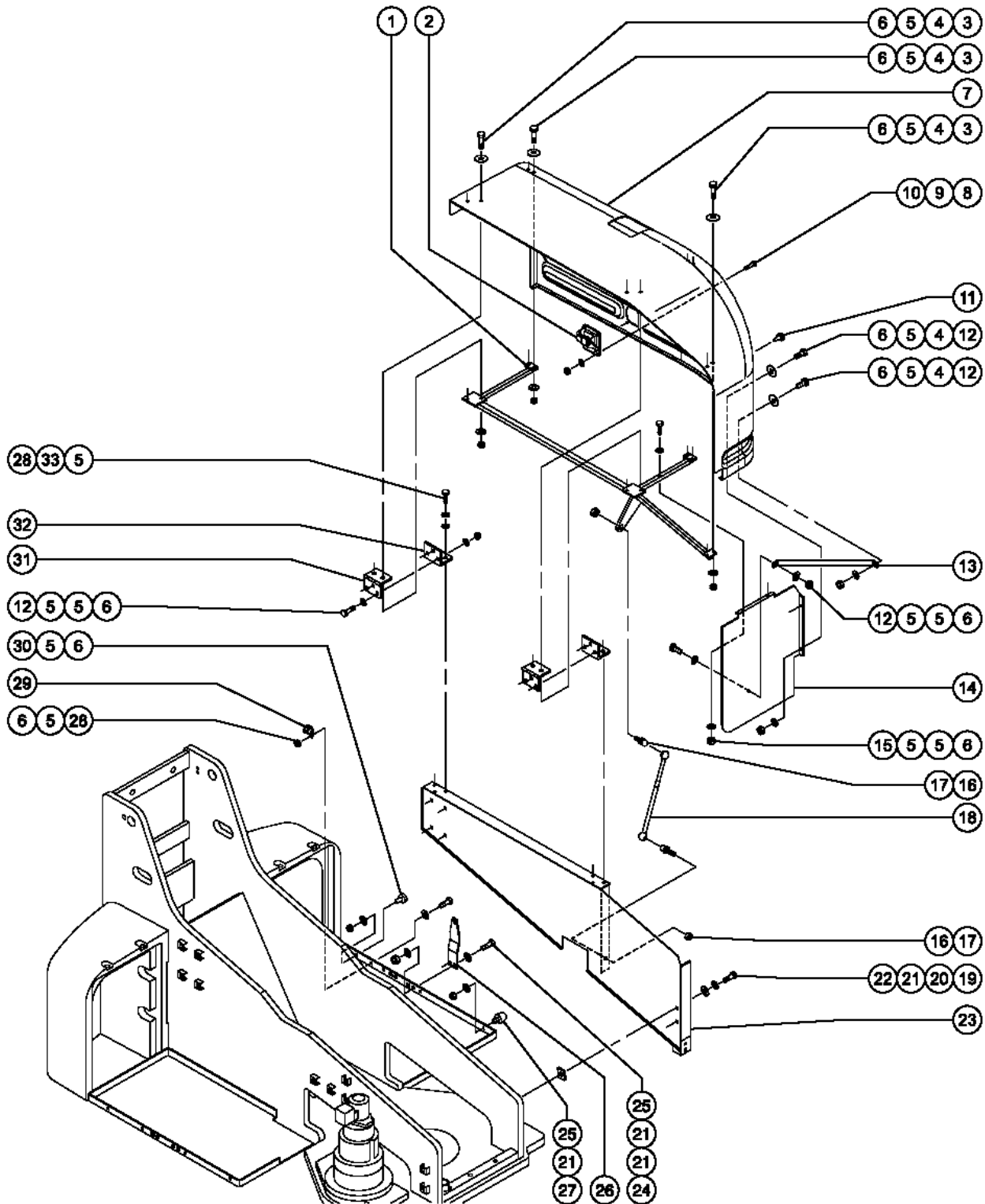
510.1 Turntable Covers - View 1, Tank Side



510.1 Turntable Covers - View 1, Tank Side

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1A	46612GT	COV. ASSY GRND.CONT.S40/60/80.....1		27	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5.....6	
1B	52651GT	COVER-HINGED, GRND CNTRL.....1 <i>includes Index No's. 2 and 3</i>		28	6021GT	WASHER, LOCK, .375.....8	
2	7265GT	RIVET,STEEL,P, .25 X .375.....7		29	30743-SGT	COVER SUPPORT WELDMNT LH.....1	
3	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE.....1 <i>includes mounting fasteners</i>		30	49535P-SGT	PLATE,LATCH,BLUE,PAINTED.....1	
4	49534GT	DOOR LATCH,BASE CONTROL BOX....1		31	13002GT	SCREW,HHC,5/16-18 X 1 GR5.....2	
5	6178GT	NUT,NYLOCK,10-32.....4		32	33555GT	BALL STUD**.....2	
6	6146GT	WASHER,FLAT,MS,#10,Y.....4		33	6002GT	NUT,LP NYLOCK,5/16-18.....2	
7	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75.....4		34	28301GT	GAS STRUT,250 LBS FORCE***.....1	
--	29314GT	KEY,LATCH, 1 PAIR (28125)		--	27377GT	RETAINER,GAS SPRING***.....1	
8A	28125GT	LATCH,FLUSH CUP*** <i>folding T-handle</i>		35	36388GT	BUMPER,RUBBER,.75 X .50H,STUD....1	
8B	49536GT	LATCH,TURNTABLE FLUSH STYLE.....1 <i>black oval - push</i>		36	75073GT	HINGE,.375X.120THK.,SLOTTED.....2	
8C	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS*....1 <i>T-style</i>		37	6090GT	SCREW,HHC,1/4-20 X .75.....4	
9	8915GT	SCREW,HHC,1/4-20 X 1.25.....10		38	6356GT	WASHER, LOCK, .25.....4	
10	12906GT	WASHER,FENDER,.25 X 1.25 X .062....10		39	6888GT	SCREW,HHC,1/4-20 X 1.....6	
11	6638GT	WASHER,FLAT,USS,1/4"Y.....31					
12	6091GT	NUT,NYLOCK,1/4-20.....17					
13A	52440GT	COVER ASSY W/DECALS,LH B/B SQ <i>for units with steel tank, has square corners</i>					
13B	52544GT	TRNTABL COVER ASSY.TANK SIDE <i>for units with plastic fuel tank</i>					
13C	65477GT	COVER ASSY W/DECALS,L.H. BB.....1 <i>includes Index No's. 1 through 8</i>					
14	35949P-SGT	BRACKET,COVER HINGE,BLUE.....2					
15A	30759GT	COVER SUPPORT WELDMNT LH.....1					
15B	49532-SGT	COVER,SUPPORT WELDMNT,LH.....1					
16	30973GT	BUMPER,RUBBER-1 X 1.25.....1					
17	5397GT	WASHER,FLAT,USS,5/16",Y.....13					
18	6782GT	NUT,NYLOCK,5/16-18.....4					
19	28646GT	ZERK,GREASE,1/8 NPT.....1					
20	30430GT	BULKHEAD,FEMALE X 4.....1					
21	119403GT	CONN,PLUG 120 AC/15A DOMESTIC...1					
--	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK.....1					
--	25388GT	PLUG,FUSED,250V,13AMP,U.K.**.....1					
--	6666GT	PLUG,ELECTRICAL,220/50,NOVON....1					
22	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM...1					
23	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG...8					
24	81578GT	HORN,12VDC,SPADE TERMINALS***...1					
25		Ref. Hydraulic Hoses and Fittings.....1 <i>refer to section 513.1</i>					
26	10107GT	SCREW,HHC,5/16-18 X .75.....1					

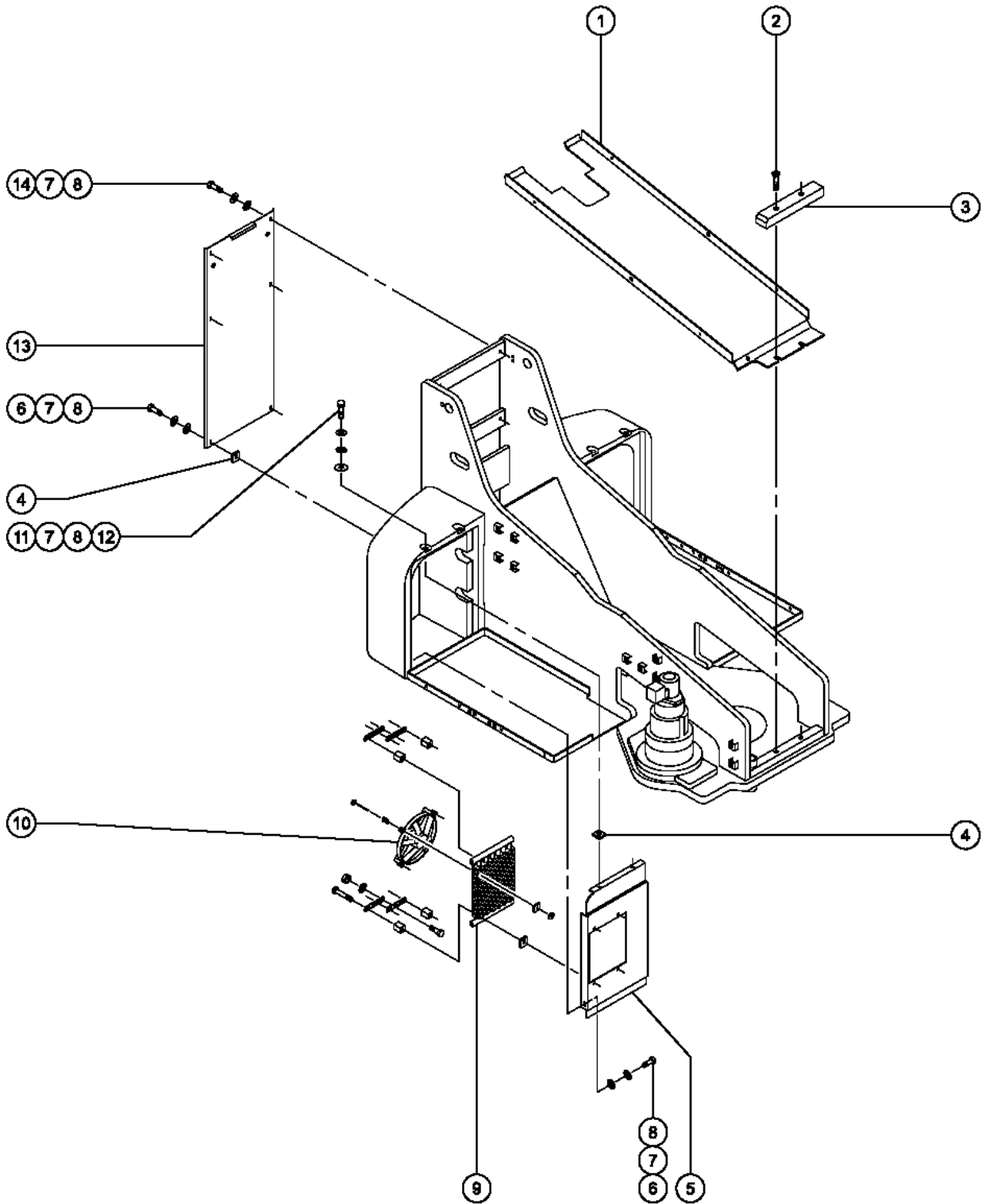
511.1 Turntable Covers - View 2, Engine Side



511.1 Turntable Covers - View 2, Engine Side

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1A	30760GT	COVER SUPPORT WELDMENT RH.		24	13002GT	SCREW,HHC,5/16-18 X 1 GR5.....	2
1B	53882GT	WELDMENT,TT COVER SUPPORT,RH.....	1	25	6782GT	NUT,NYLOCK,5/16-18.....	3
2A	49536GT	LATCH,TURNTABLE FLUSH STYLE..... <i>black oval - push</i>	1	26	49535P-SGT	PLATE,LATCH,BLUE,PAINTED.....	1
--	29314GT	KEY,LATCH, 1 PAIR (28125)		27	30973GT	BUMPER,RUBBER-1 X 1.25.....	1
2B	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS*.... <i>T-style</i>	2	28	6090GT	SCREW,HHC,1/4-20 X .75.....	1
--	29314GT	KEY,LATCH, 1 PAIR (28125)		29	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH.....	1
3	8915GT	SCREW,HHC,1/4-20 X 1.25.....	10	30	36388GT	BUMPER,RUBBER,.75 X .50H,STUD.....	1
4	12906GT	WASHER,FENDER,.25 X 1.25 X.062....	10	31	75073GT	HINGE,.375X.120THK.,SLOTTED.....	2
		1		32	35949P-SGT	BRACKET,COVER HINGE,BLUE.....	2
5	6638GT	WASHER,FLAT,USS,1/4"Y.....	42	33	6356GT	WASHER, LOCK, .25.....	4
		1		Footnotes			
6	6091GT	NUT,NYLOCK,1/4-20.....	21	<p>1: Quantity listed may not reflect specific model configuration requirements.</p>			
		1					
7A	65478GT	COVER ASSY W/DECAL,WRD,RH BB... <i>Gasoline/LPG models; includes Index No's. 2 and 8 through 10</i>	1				
7B	65478GT	COVER ASSY W/DECAL,WRD,RH BB... <i>Diesel models; includes Index No's. 2 and 8 through 10</i>	1				
7C	52441GT	COVER ASSY W/DECAL,GAS,RH.....	1				
7D	52443GT	COVER ASSY W/DECAL,DIE,RH BIGB.....	1				
8	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75.....	4				
9	6146GT	WASHER,FLAT,MS,#10,Y.....	4				
10	6178GT	NUT,NYLOCK,10-32.....	4				
11	81197GT	PLUG,ENGINE COVER..... <i>Diesel models only</i>	3				
12	6888GT	SCREW,HHC,1/4-20 X 1.....	9				
		1					
13	30894P-SGT	SHROUD SUPPORT,PAINTED GRAY..... <i>Gasoline/LPG models</i>	1				
14	49537P-SGT	SHROUD,LP TANK,PAINTED..... <i>Gasoline/LPG models</i>	1				
15	4266GT	SCREW,HHC,1/4-20 X 2.....	2				
16	33555GT	BALL STUD**.....	2				
17	6002GT	NUT,LP NYLOCK,5/16-18.....	2				
18	28301GT	GAS STRUT,250 LBS FORCE***.....	1				
--	27377GT	RETAINER,GAS SPRING***.....	1				
19	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	6				
20	6021GT	WASHER, LOCK, .375.....	8				
21	5397GT	WASHER,FLAT,USS,5/16",Y.....	14				
22	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG...8					
23	30744-SGT	COVER SUPPORT WELDMENT RH.....	1				

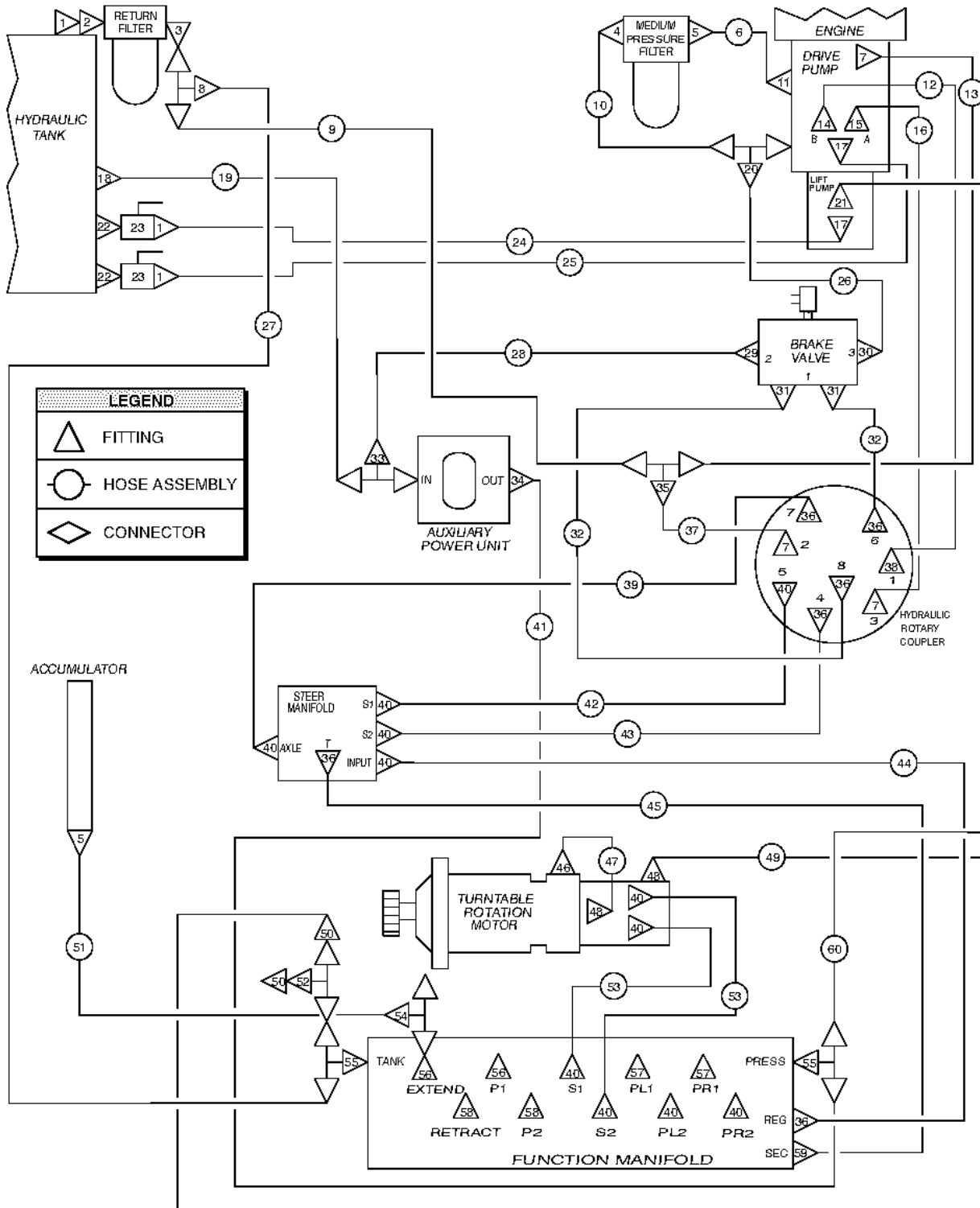
512.1 Turntable Covers and Oil Cooler Option - View 3



512.1 Turntable Covers and Oil Cooler Option - View 3

Item	Part No.	Description	Qty.
--	34980-SGT	OIL COOLER KIT,S60,S80 PARKER <i>includes Index No's. 4 through 10; to SN 7810</i>	
--	46990GT	OIL COOLER(SYNFLEX)S40,60,80 <i>includes Index No's. 4 through 10; to SN 7810</i>	
1	44286PGT	PLATE, SWING COVER S60/S80.....	1
2	35714GT	SCREW,FHS,3/8-16 X 2.25.....	2
3	41549GT	PAD,BOOM REST.....	2
4	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG....	4
5	49611-SGT	BAFFLE,TANK SIDE,PAINTED.....	1
6	6175GT	SCREW,HHC,3/8-16 X 1.....	4
7	6021GT	WASHER, LOCK, .375.....	10
8	5397GT	WASHER,FLAT,USS,5/16",Y.....	10
9	22349GT	COOLER-HYDRAULIC OIL..... <i>includes mounting hardware; to SN 7810</i>	1
9	75855GT	THERMOSTAT -OIL COOLER (71259)... <i>from SN 7811</i>	1
--	71259GT	OIL COOLER W/FAN, 12VDC..... <i>from SN 7811</i>	1
--	75855GT	THERMOSTAT -OIL COOLER (71259)... <i>from SN 7811</i>	1
10	63118GT	FAN,OIL COOLER***..... <i>to SN 7810</i>	1
--	75854GT	FAN - VENTED..... <i>from SN 7811</i>	1
11	6708GT	SCREW,HHC,3/8-16 X 2.25.....	2
12	6095GT	WASHER,FLAT,USS,1/2",Y.....	2
13A	52088GT	COVER-TURNTABLE W/DECALS S60...	1
13B	52089GT	COVER-TURNTABLE W/DECALS S65...	1
14	8255GT	SCREW, HHC, 3/8-16 X .75.....	4

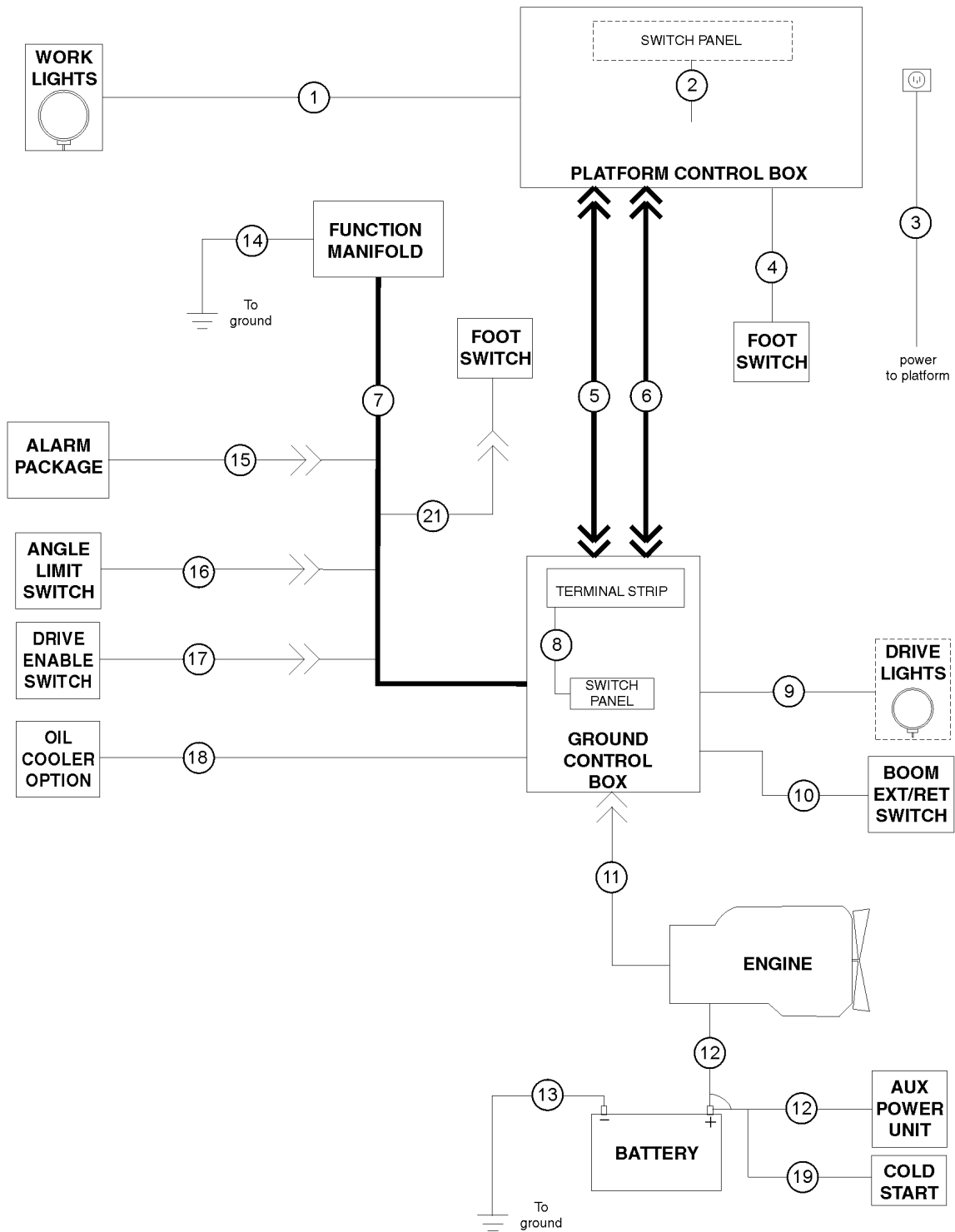
513.1 Hydraulic Hoses and Fittings



513.1 Hydraulic Hoses and Fittings

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	49612GT	O-RING KIT (ORFS FITTINGS)		42	49128-2684GT	HOSE ASSEMBLY,3/8".....	1
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*		43	49126-2558GT	HOSE ASSY,3/8,45 FEM,STR FEM.....	1
1	48986GT	CONN,520102-16.....	3	44	49128-2300GT	HOSE ASSY,3/8 90 DEG.....	1
2	49512GT	ELBOW,90DEG,FEM,1"NPT.....	1	45	49128-2834GT	HOSE ASSEMBLY,3/8".....	1
3	49515GT	ELBOW,90D,520202-12-16.....	1	46	48904GT	ELBOW,90D,520220-4-4.....	1
4	48948GT	CONN,520120-8-12.....	1	47	49117-1600GT	HOSE ASSY,1/4,90 FEM,STR FEM.....	1
5	48947GT	ELBOW,90D,520220-8-12.....	2	48	48905GT	CONN,520120-4***.....	2
6	49106-3222GT	HOSE ASSEMBLY,1/2".....	1	49	49119-1600GT	HOSE ASSY,1/4,STR FEM,STR FEM.....	1
7	48960GT	FITTING,CONN,520120-12.....	3	50	48956GT	REDUCER,520123-10-4.....	2
8	48964GT	FITTING,TEE,RUN,SWIVEL52043212....	1	51	49110-1600GT	HOSE ASSEMBLY-1/2" 100R2.....	1
9	49151-4948GT	HOSE ASSY,3/4,STR FEM,STR FEM.....	1	52	48955GT	TEE,RUN,SWIVEL,520432-10.....	1
10	49109-3400GT	HOSE ASSY,1/2,90 FEM,STR FEM.....	1	53	49128-1850GT	HOSE ASSEMBLY-3/8".....	2
11	48946GT	CONN,520120-8-10.....	1	54	48938GT	FITTING,TEE,RUN,SWIVEL520432-8....	1
12	49156-4500GT	HOSE ASSY,3/4,90 FEM,STR FEM.....	1	55	48954GT	TEE,BRANCH,520429-10.....	2
13	49148-3550GT	HOSE ASSEMBLY-3/4" 100R1.....	1	56	48934GT	CONN,LONG,520122-8.....	2
14	48977GT	CONN,520120-12-16.....	1	57	48917GT	CONN,LONG,520122-6.....	2
15	48976GT	ELBOW,90D,520220-12-16.....	1	58	48933GT	CONN,520120-8***.....	2
16	49156-4331GT	HOSE ASSY,3/4,90 FEM,STR FEM.....	1	59	48930GT	CONN,520120-6-8.....	1
17	48984GT	CONN,520120-16.....	2	60	49101-7835GT	HOSE ASSEMBLY,5/8".....	1
18	48922GT	CONN,520102-6-6.....	1				
19	49146-2400GT	HOSE ASSEMBLY-1/2".....	1				
20	48953GT	TEE,RUN,520428-10.....	1				
21	48898GT	VALVE,CHK,#12PORT-#12MALEORFS..	1				
22	48988GT	ELBOW,45D,140339-16.....	2				
23	48994GT	VALVE,BALL,16 MPT-16 FPT***.....	2				
24	49159-5300GT	HOSE ASSEMBLY-1" 100R4.....	1				
25	49159-5100GT	HOSE ASSEMBLY-1" 100R4.....	1				
26	49145-2000GT	HOSE ASSEMBLY-1/2".....	1				
27	218665GT	HOSE ASSEMBLY.....	1				
28	49131-5200GT	HOSE ASSEMBLY-3/8".....	1				
29	48911GT	ELBOW,90D,520220-4-6***.....	1				
30	48928GT	ELBOW,45D,520320-6-4.....	1				
31	48927GT	CONN,520120-6-4.....	2				
32	49130-2800GT	HOSE ASSEMBLY.....	2				
33	48935GT	TEE,RUN,520428-8.....	1				
34	48942GT	ELBOW,90D,520220-8-6.....	1				
35	48969GT	TEE,BULKHEAD,RUN,520958-12.....	1				
36	48915GT	ELBOW,90D,520220-6.....	6				
37	49150-1905GT	HOSE ASSY,3/4,90 FEM,STR FEM.....	1				
38	48959GT	FITTING,ELBOW,90D,520220-12.....	1				
39	49128-4009GT	HOSE ASSY,3/8"90 FEM,STR FEM.....	1				
40	48916GT	FITTING,CONN,520120-6.....	11				
41	49108-2329GT	HOSE ASSY,1/2,90 FEM,STR FEM**.....	1				

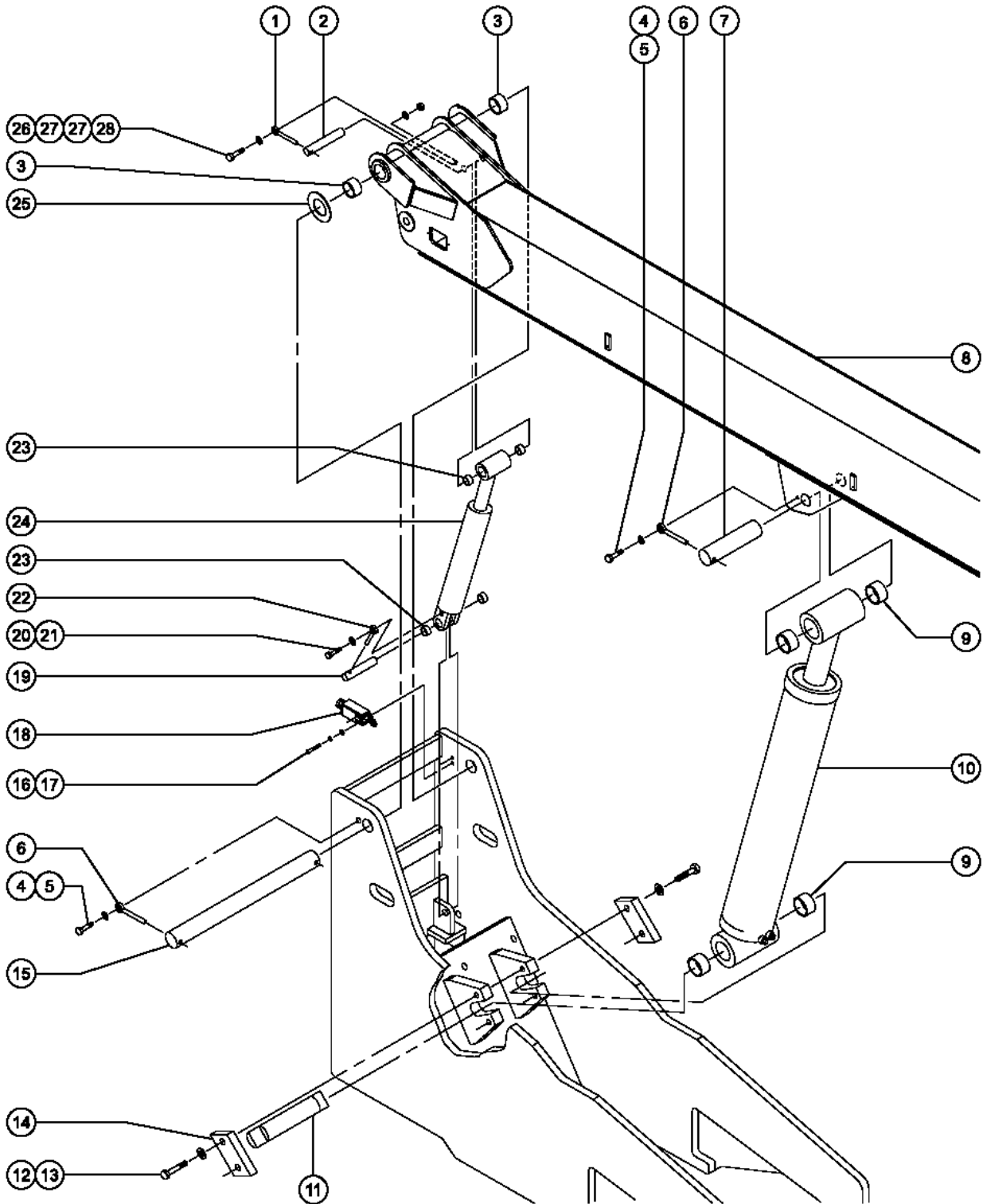
514.1 Wire Harness Diagram (from SN 7838)



514.1 Wire Harness Diagram (from SN 7838)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	73480GT	HARNESS,WORKLIGHT ACC.....	1	--	81123GT	HARNESS,COLD START OPT,DUETZ...1	
2		HARN,PBOX WIRING, SWITCHPANEL..... <i>(part no longer available for service)</i>	1	20	1260218GT	HARNESS,TILT ALARM,12V..... <i>from SN 7921; CSA only</i>	1
2	81111GT	HARN,PBOX WIRING, SWITCHPANEL.....	1	--	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN..... <i>from SN 7921; CSA only, includes instructions</i>	1
3A	73697GT	HARN,12V TO PLAT NJ.....	1				
		<i>S-60</i>					
3B	73698GT	HARN,12V TO PLAT JIB.....	1				
		<i>S-65</i>					
4		REF: Foot Switch Assembly..... <i>(refer to 701.1)</i>	1				
5A	73699GT	HARN,19/18CTRL CABLE1 NJ.....	1				
		<i>S-60; Green and brown connectors</i>					
5B	73700GT	HARN,19/18 CTRL,CABLE 1,JIB.....	1				
		<i>S-65; Green and brown connectors</i>					
6A	73701GT	HARN,19/18 CTRL,CABLE 2,NJ.....	1				
		<i>S-60; Grey and black connectors</i>					
6B	73702GT	HARN,19/18 CTRL,CABLE 2,JIB.....	1				
		<i>S-65; Grey and black connectors</i>					
7	73706GT	HARN,GBOX FUNCTION MANIFOLD....	1				
8		HARN,GBOX,WIRING,SWITCHPANEL... <i>(part no longer available for service)</i>	1				
9	73817GT	HARNESS,DRIVE LIGHT OPT.....	1				
10	73709GT	HARN,LS,BOOM EXT/RET.....	1				
11		HARN,FORD ENGINE <i>(part no longer available for service; please contact Genie Service Parts)</i>					
11	73703GT	HARN,FORD ENGINE,EFI***.....	1				
		<i>Ford Engine</i>					
--	73704GT	HARN,DEUTZ ENGINE*** <i>Deutz Engine</i>					
--	73705GT	HARN,PERKINS ENGINE <i>Perkins Engine</i>					
11A		HARN,DEUTZ ENGINE*** <i>Deutz Engine (Contact Genie Service Parts)</i>					
--	73704GT	HARN,DEUTZ ENGINE*** <i>Deutz Engine</i>					
--	73705GT	HARN,PERKINS ENGINE <i>Perkins Engine</i>					
12	88801GT	BATTERY CABLE,POSITIVE,RED.....	2				
13	88802GT	BATTERY CABLE,NEGATIVE,BLACK....	1				
14	81126GT	HARN,GND,FUNCTION MANIFOLD.....	1				
15	73479GT	HARNESS,ALARM PKG OPTION.....	1				
16	73708GT	HARN,LS, BOOM ANGLE.....	1				
17	73707GT	HARN,LS,DRIVE ENABLE.....	1				
18	73785GT	HYD OIL COOLER RELAY HARNESS....	1				
19	73787GT	CABLE,COLD START OPTION.....	1				

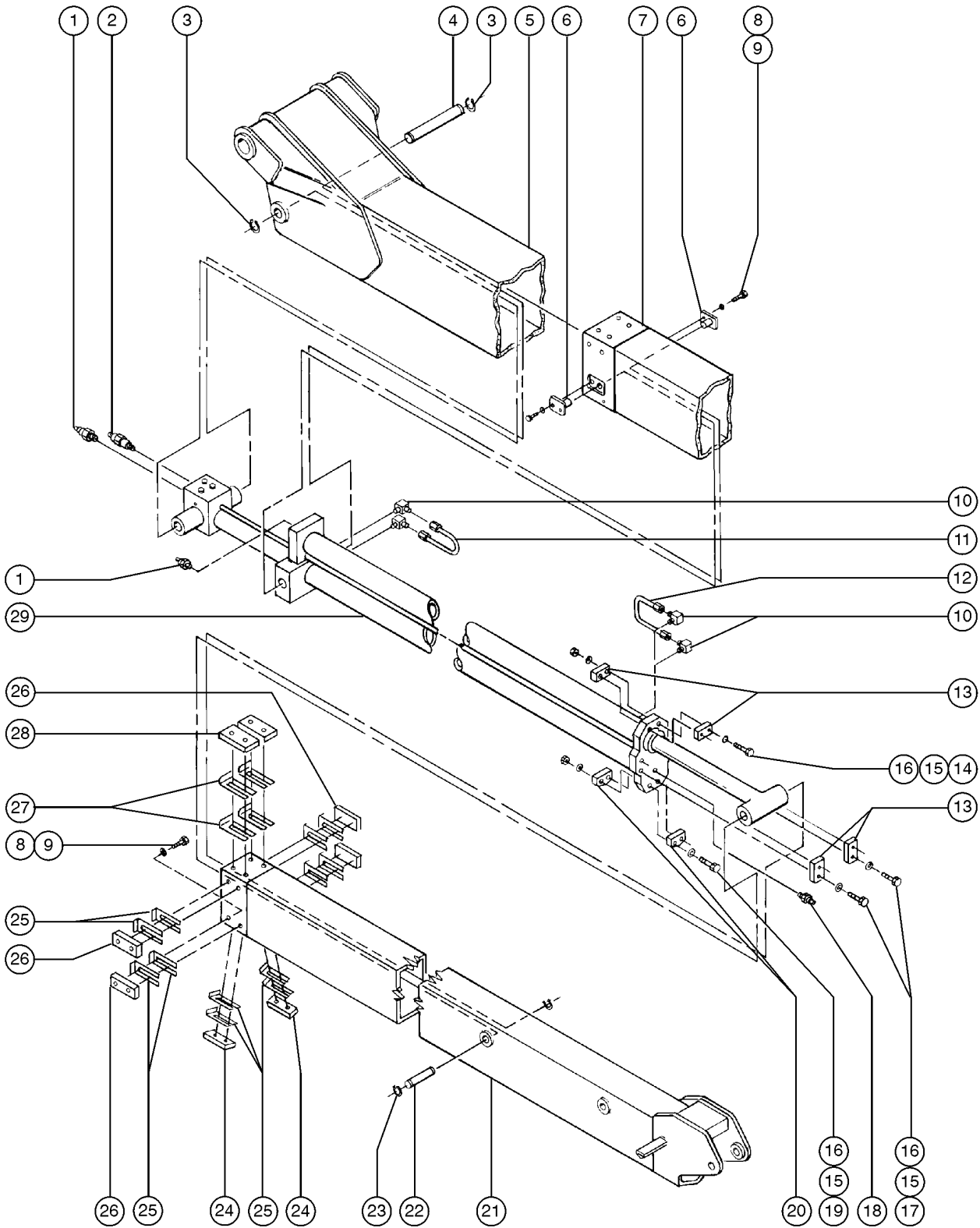
601.1 Boom Lift and Master Leveling Cylinder Installation



601.1 Boom Lift and Master Leveling Cylinder Installation

Item	Part No.	Description	Qty.
1	45226GT	ROD END,.375 X 3.69.....	1
2	34270GT	PIN,1.25DIA X 6.62LG,1HOLE.....	1
3	34131GT	BEARING,2.50IDX3.00OD X 2.00L.....	2
4	8177GT	SCREW,HHC,1/2-13 X 1.5.....	1
5	6033GT	WASHER,LOCK,0.5".....	2
6	30418GT	ROD END,0.5 X 3.75***.....	2
7	34269GT	PIN,2.50DIA X 13.75LG,1HOLE.....	1
8		Ref. Boom Assembly..... <i>refer to section 602.1 or 603.1</i>	1
9	27698GT	BEARING,2.50IDX2.75OD X 2.00L.....	4
10	63205GT	CYLINDER, LIFT, S60**..... <i>includes Index No. 9</i>	1
--	43937GT	VALVE,CB.CBBC-LHN@3200***.....	1
--	63345GT	SEAL KIT CYL.S60(63205).....	1
11	33823GT	PIN,PRI.CYL./SWING CHASSIS.....	1
12	33557GT	SCREW,HHC,3/4-10 X 2.00,GR5.....	4
13	34550GT	WASHER,LOCK,.75 PLTD.....	4
14	33822P-SGT	PIN RETAINER,PRI.CYL.BLUE.....	2
15	34271GT	PIN,2.50DIA X 29.13LG,1HOLE.....	1
16	22541GT	SCREW,RHM,10-32 X 1.5.....	2
17	6607GT	WASHER,LOCK,#10 PLTD.....	4
18	88366-14GR5GT	SWITCH,LIMIT,W/ROLLER HEAD***.....	1
--	19491GT	CONTACTOR,LIMIT SWITCH.....	1
19	34276GT	PIN,1.25DIA X 3.37LG,1HOLE.....	1
20	8255GT	SCREW, HHC, 3/8-16 X .75.....	1
21	6021GT	WASHER, LOCK, .375.....	1
22	25284GT	ROD END,.375 X 2.25***.....	1
23	25683GT	BEARING,POLYGON,20DU12.....	4
24	63209GT	CYLINDER,MASTER***..... <i>includes Index No. 23</i>	1
--	33487GT	SEAL KIT,HYDRAULIC CYLINDER*** <i>For cylinder 34118; check cylinder part number stamp or label prior to ordering</i>	
--	63349GT	SEAL KIT,CYL (63209)..... <i>For cylinder 63209; check cylinder part number stamp or label prior to ordering</i>	1
25	29746GT	WASHER,FLAT,2.5 X 4 X .062.....	3
26	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8.....	1
27	5397GT	WASHER,FLAT,USS,5/16",Y.....	2
28	4828GT	NUT,NYLOCK,3/8-16.....	1

602.1 Boom Assembly - View 1 (to SN 3648)



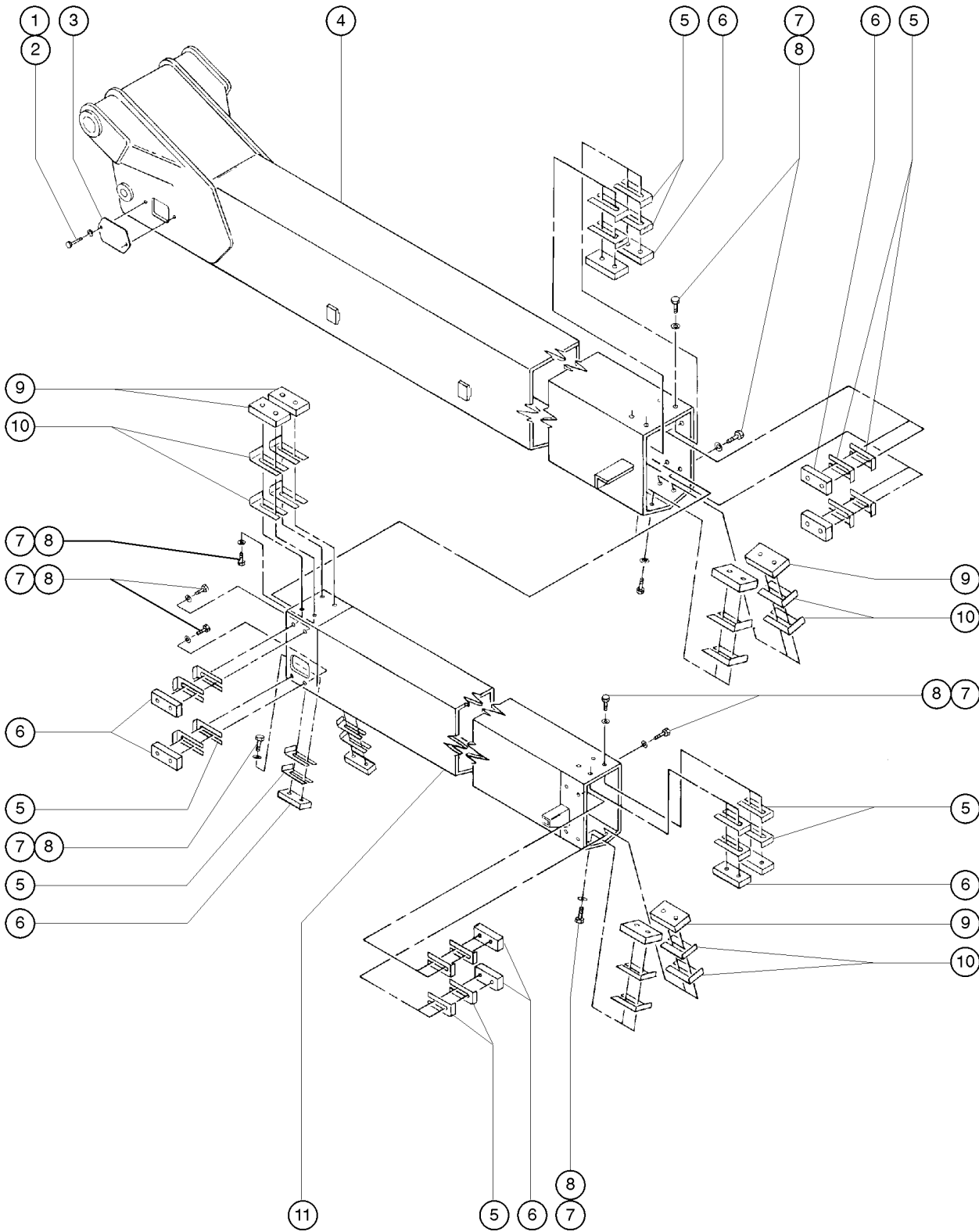
602.1 Boom Assembly - View 1 (to SN 3648)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	36188GT	VALVE,COUNTERBAL.CACA-LHN@2000.2		--	63340GT	SEAL KIT,CYL,S60 (63201)*** <i>Bottom (for black color cylinder assembly 63201)</i>	
--	43018GT	SEAL KIT (39345)		--	63341GT	SEAL KIT,CYL,S60 (63201)*** <i>Top (for black color cylinder assembly 63201)</i>	
2	36207GT	VALVE,COUNTERBAL.CWCA-LHN@2000.1					
--	62449GT	SEAL KIT,SUN "CWCA" CB VALVES*					
3	825796GT	SNAP RING,EXTERNAL,1.50,ZAG.....2					
4	34268GT	PIN,1.50DIAX14.41LG,2RING.....1					
5	33947GT	BOOM TUBE ASSEMBLY.....1					
6	34170-SGT	EXT.CYL.MOUNTING PIN WLDMT.....2					
7	34429GT	WELD,BOOM,#2,V-BOTTOM.....1					
8	6175GT	SCREW,HHC,3/8-16 X 1.....18					
9	6021GT	WASHER, LOCK, .375.....18					
10	13921GT	ELBOW,070220-4-4.....4					
11	34741GT	FLARE TUBE ASSY,EXT.CYLINDER.....1					
12	34736GT	FLARE TUBE ASSY,EXT.CYLINDER.....1					
13	34165GT	WEAR PAD,EXTENSION CYLINDER.....4					
14	6884GT	SCREW,HHC,1/4-20 X 2.5.....2					
15	6638GT	WASHER,FLAT,USS,1/4"Y.....8					
16	6889GT	NUT,LP NYLOCK,1/4-20.....8					
17	4266GT	SCREW,HHC,1/4-20 X 2.....4					
18	33494GT	VALVE,SEQUENCE.....1					
--	43018GT	SEAL KIT (39345)					
19	8179GT	SCREW,HHC,1/4-20 X 2.25.....2					
20	53036GT	WEAR PAD,EXTENSION CYLINDER.....2					
21	227149GT	ASSY,S60/65 BOOM TUBE,V-BOTTOM.....1					
22	T108079GT	PIN,1.25DIAX8.30LG,2RING.....1					
23	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**.....2					
24	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS.....2					
25	29080GT	SHIM,WEAR PAD,5X 1.5 16GA					
26	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS.....4					
27	34344GT	SHIM,SIDE PAD 16GA. 3 X 5					
28	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS.....2					
29	63201GT	EXTENSION CYLINDER ASSY.S60**.....1 <i>includes index numbers 1, 2, 10 through 12 and 18; check part label prior to ordering components</i>					
--		CYLINDER, EXTENSION, BOTTOM.....1 <i>Part is no longer available</i>					
--	33500GT	SEAL KIT,HYDRAULIC CYLINDER.....1 <i>for cylinder assembly 34712</i>					
--	33501GT	SEAL KIT,HYDRAULIC CYLINDER.....1 <i>Top (for red color cylinder assembly 34712)</i>					
--	33896GT	CYLINDER, EXTENSION, TOP.....1 <i>for red color cylinder assembly 34712</i>					
--	37499	SEAL KIT S60/S80 (35654/35620* <i>Top and Bottom (for cream color cylinder assembly 35654)</i>					

602.2 Boom Assembly - View 1 (from SN 3649)

Item	Part No.	Description	Qty.
1	825796GT	SNAP RING,EXTERNAL,1.50,ZAG.....	2
2	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
3	34268GT	PIN,1.50DIA X 14.41LG,2RING.....	1
4	58028GT	BOOM TUBE ASSY. FLAT BTTM.....	1
--	34131GT	BEARING,2.50IDX3.00ODX2.00L.....	2
5	6175GT	SCREW,HHC,3/8-16 X 1.....	10
6	6021GT	WASHER, LOCK, .375.....	18
7	34170GT	EXT.CYL.MOUNTING PIN WLDMT.....	2
8	53019-SGT	WELD,BOOM,#2,FLAT BOTTOM.....	1
9	53036GT	WEAR PAD,EXTENSION CYLINDER....	4
10	6884GT	SCREW,HHC,1/4-20 X 2.5.....	2
11	6638GT	WASHER,FLAT,USS,1/4"Y.....	8
12	6091GT	NUT,NYLOCK,1/4-20.....	6
13	4266GT	SCREW,HHC,1/4-20 X 2.....	4
14	40134GT	VALVE,SEQUENCE,SUN S60/80 EXT....	1
15	53036GT	WEAR PAD,EXTENSION CYLINDER....	2
16	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**.....	2
17	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
18	T108079GT	PIN,1.25DIA X 8.30LG,2RING.....	1
19	227148GT	ASSY,S60/65 BOOM TUBE,FLATBOT....	1
20	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS.....	6
21	8255GT	SCREW, HHC, 3/8-16 X .75.....	4
22	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	
23	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA.....	2
24	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	4
25	34344GT	SHIM,SIDE PAD 16GA. 3 X 5	
26	38621GT	SHIM,PAD,5 X 3.....	2
27	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS.....	2
28	63201GT	EXTENSION CYLINDER ASSY.S60**..... <i>includes Index No's. 9, 15, 29 and 30</i>	1
--	63340GT	SEAL KIT,CYL,S60 (63201)***.....	1
--	63341GT	SEAL KIT,CYL,S60 (63201)***.....	1
29	36188GT	VALVE,COUNTERBAL.CACA-LHN@2000.2	
30	36207GT	VALVE,COUNTERBAL.CWCA-LHN@2000.1	

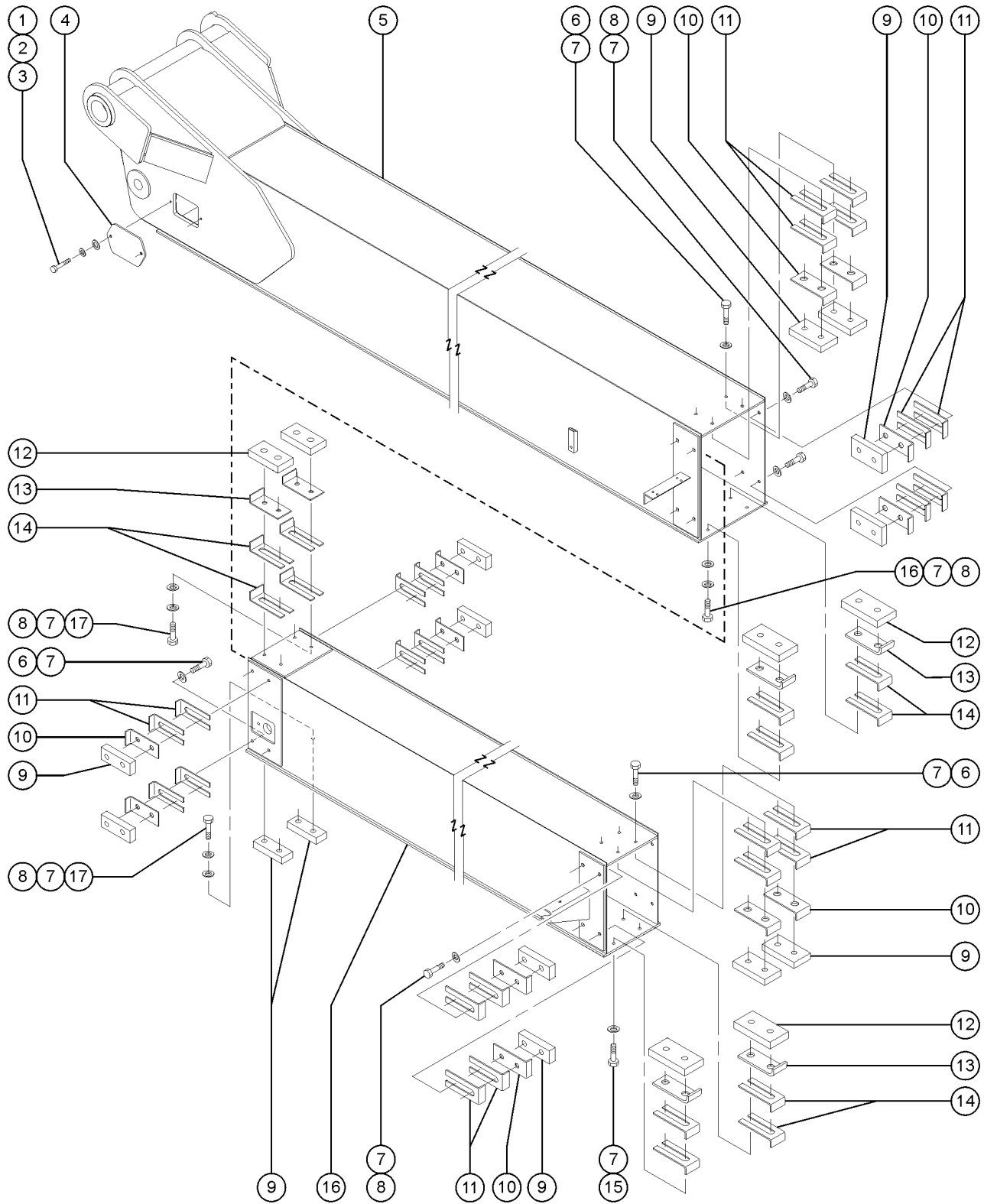
603.1 Boom Assembly - View 2 (to SN 3648)



603.1 Boom Assembly - View 2 (to SN 3648)

Item	Part No.	Description	Qty.
1	6090GT	SCREW,HHC,1/4-20 X .75.....	4
2	6356GT	WASHER, LOCK, .25.....	4
3	34284P-SGT	COVER,BOOM SECTION #1 PAINTED.....	2
4	33947GT	BOOM TUBE ASSEMBLY.....	1
5	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	
6	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS.....	18
7	6175GT	SCREW,HHC,3/8-16 X 1.....	48
8	6021GT	WASHER, LOCK, .375.....	48
9	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS.....	2
10	34344GT	SHIM,SIDE PAD 16GA. 3 X 5	
11	34429GT	WELD,BOOM,#2,V-BOTTOM.....	1

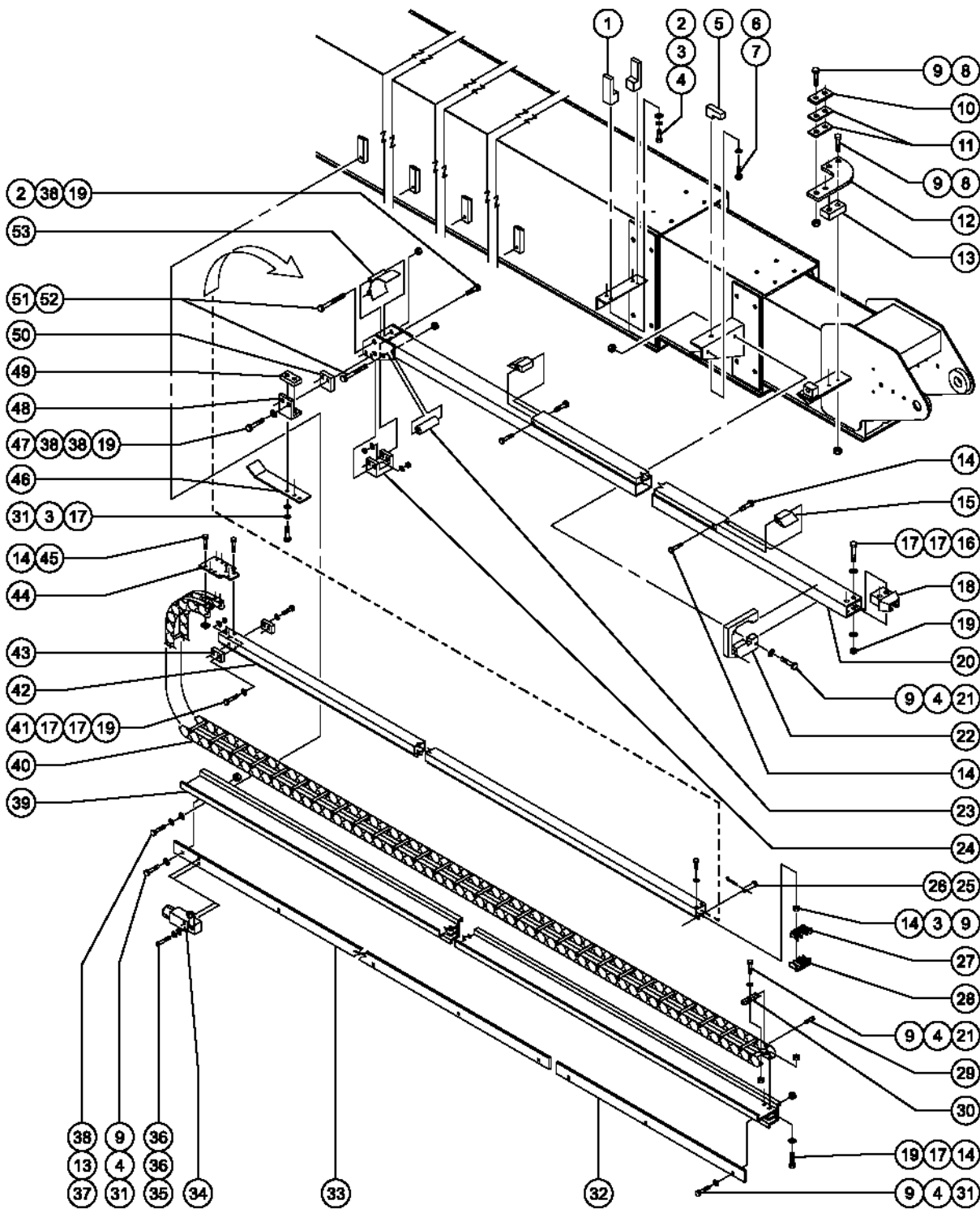
603.2 Boom Assembly - View 2 (from SN 3649)



603.2 Boom Assembly - View 2 (from SN 3649)

Item	Part No.	Description	Qty.
1	8914GT	SCREW, HHC, 1/4-20 X .625.....	4
2	6356GT	WASHER, LOCK, .25.....	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y.....	4
4	34284P-SGT	COVER, BOOM SECTION #1 PAINTED.....	2
5	58028GT	BOOM TUBE ASSY. FLAT BTTM.....	1
--	34131GT	BEARING, 2.50IDX3.00ODX2.00L.....	2
6	6175GT	SCREW, HHC, 3/8-16 X 1.....	20
7	6021GT	WASHER, LOCK, .375.....	48
8	6019GT	SCREW, HHC, 3/8-16 X 1.25 GRD 5.....	24
9	30138GT	WEAR PAD, 5 X 1.5 X .625 W/NUTS.....	18
10	38620GT	SHIM, WEAR PAD, 5 X 1.5, 14GA.....	16
11	29080GT	SHIM, WEAR PAD, 5X 1.5 16GA	
12	34124GT	WEAR PAD, 5 X 3 X .625 W/NUTS.....	6
13	38621GT	SHIM, PAD, 5 X 3.....	6
14	34344GT	SHIM, SIDE PAD 16GA. 3 X 5	
15	8516GT	SCREW, HHC, 3/8-16 X 1.50, GR5.....	4
16	53019-SGT	WELD, BOOM, #2, FLAT BOTTOM.....	1
17	6097GT	WASHER, FLAT, USS, 3/8", Y.....	12

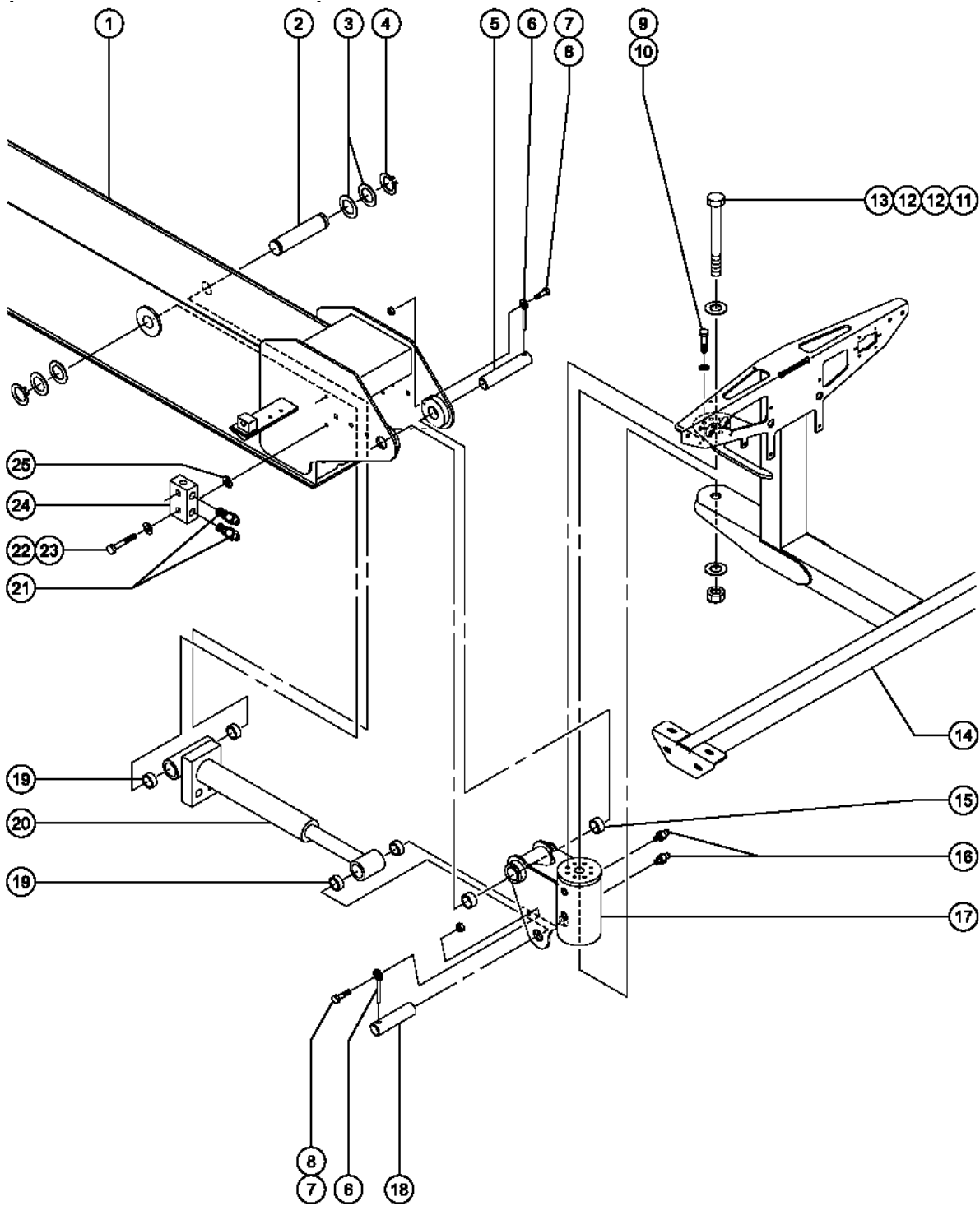
604.1 Cable Track Installation



604.1 Cable Track Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34636GT	WEAR PAD,CABLE TRCK OUTER TUBE.....	2	40B	73996GT	CABLETRACK,PLATED, 87 LINK***..... <i>Standard Cable track</i>	1
2	6145GT	SCREW,HHC,1/4-20 X 1.5.....	4	--	65873GT	ROLLER,POLY,STEEL TRACK(43484).....	1
3	6356GT	WASHER, LOCK, .25.....	8	--	72268GT	END SET,STEEL43482,43483,43484.....	1
4	6638GT	WASHER,FLAT,USS,1/4"Y.....	14	--	72330GT	SCREW,10-32 X.5 TORX PAN HD.....	1
5	34394GT	WEAR PAD,BOTTOM,CABLE TRACK.....	1	--	72354GT	ROLLER,ALUM TUBE,ST.TRK.43484.....	1
6	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8.....	1	--	81007GT	REPAIR LINK, 4 LINKS PLATED <i>for 73996</i>	
7	6021GT	WASHER, LOCK, .375.....	5	41	6888GT	SCREW,HHC,1/4-20 X 1.....	4
8	4266GT	SCREW,HHC,1/4-20 X 2.....	4	42	43853-SGT	EXU.,CABLE TRK.SUPPT,210"DRIL*.....	1
9	6091GT	NUT,NYLOCK,1/4-20.....	24	--	27258GT	TRIM,RUBBER EDGE,5/8 (BY INCH) <i>order as needed</i>	
10	46751P-SGT	CABLE CLAMP.....	1	43	31411GT	WEAR PAD,CABLE TRACK.....	2
11	46765GT	PAD,CABLE CLAMP.....	2	44	43191P-SGT	PLATE,CABLE TRACK,PAINTED.....	1
12	46750P-SGT	BRACKET, CABLE CLAMP.....	1	45	56912GT	SPRING CLIP,1/4-20,.025-.15X.5, ZAG.....	4
13	46752GT	SPACER, CABLE CLAMP.....	1	46	36204P-SGT	BRACKET,LIMIT SWITCH EXT,BLUE*....	1
14	8914GT	SCREW, HHC, 1/4-20 X .625.....	12	47	8179GT	SCREW,HHC,1/4-20 X 2.25.....	2
15	41751GT	TUBE DEFLECTOR,PLASTIC.....	2	48	41031P-SGT	ANGLE,CABLE TRACK TUBE,PAINTED.....	1
16	6115GT	SCREW,HHC,1/4-20 X 3.5.....	2	49	41029GT	WEAR PAD,3 X 2 X .5 W/INSERT.....	1
17	30748GT	WASHER,SHIM,1.01 X 1.63 X.062.....	18	50	41030GT	WEAR PAD,2.25 X 2.50 X .5.....	1
18	41750GT	COW CATCHER,PLASTIC.....	1	51	22832GT	SCREW,HHC,3/8-16 X 6.....	3
19	6889GT	NUT,LP NYLOCK,1/4-20.....	10	52	7713GT	NUT, LP NYLOCK, 3/8-16.....	3
20	34660-SGT	CABLE TRACK TUBE WELDMENT S60.....	1	53	36593GT	WELDMENT,CABLE TRACK GUIDE**....	1
21	6637GT	SCREW,HHC,1/4-20 X 1.75.....	2				
22	34323GT	WEAR PAD,CABLE TRACK.....	1				
23	40653GT	ROLLER,UHMW.....	1				
24	43128GT	SLIDER BAR.....	1				
25	34746GT	PIN,CLEVIS,.50 X 2.00 LG.....	1				
26	5361GT	PIN,COTTER,.125 X 1.5.....	1				
27	63432GT	CLAMP,HOSE,BOTTOM,MOLDED.....	1				
28	63433GT	CLAMP,HOSE,TOP,MOLDED.....	1				
29	57075GT	SCREW,PHIL,8-32X.50,SELF TAP.....	2				
30	46766GT	CLAMP, CABLE TRACK.....	1				
31	6090GT	SCREW,HHC,1/4-20 X .75.....	12				
32	33054-SGT	COVER,CABLE TRACK TRAY,S60,'95....	1				
33	33053-SGT	COVER,CABLE TRACK TRAY,S60,'95'....	1				
34	88356 11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC.....	1				
35	6179GT	SCREW,RHM,10-32 X 1.25.....	2				
36	6607GT	WASHER,LOCK,#10 PLTD.....	4				
37	8255GT	SCREW, HHC, 3/8-16 X .75.....	4				
38	5397GT	WASHER,FLAT,USS,5/16",Y.....	10				
39	43858GT	CABLE TRACK TRAY,DRILLED,S60.....	1				
40A	43483GT	TRACK,STEEL CABLE,86 LINKS***..... <i>Stainless Steel; includes item number 28</i>	1				
--	46677GT	REPAIR LINK,3 LINKS (STEEL)..... <i>for 48483</i>	1				

605.1 Slave Cylinder and Platform Rotator (to SN 7400)



605.1 Slave Cylinder and Platform Rotator (to SN 7400)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Ref. Boom Installation (refer to Figure 6-B)		--	6145GT	SCREW,HHC,1/4-20 X 1.5 to SN 7025	
2	T108079GT	PIN,1.25DIA X 8.30LG,2RING.....	1	--	6356GT	WASHER, LOCK, .25 to SN 7025	
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062.....	4	--	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR*....1 to SN 7025	
4	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**.....	2	--	73807GT	MANIFOLD,ROTATOR,CB*** to SN 7025	
5	T108078GT	PIN,1.25DIA X 9.50LG,1HOLE.....	1	--	77877GT	SHAFT ADAPTER, HELAC ROTATOR to SN 7025	
6	45226GT	ROD END,,375 X 3.69.....	2	--	94398GT	ROTATOR,PLAT,NON-JIB to SN 7025	
7	8516GT	SCREW,HHC,3/8-16 X 1.50,GR5.....	2	17B	111172GT	STICK BOOM ROTATOR SERVICE KIT.....	1
8	4828GT	NUT,NYLOCK,3/8-16.....	2			from SN 7026 to 7400	
9	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5.....	6	--	122697GT	UNION, 4-4 ORFS-ORFS, 4 HLO.....	2
--	6175GT	SCREW,HHC,3/8-16 X 1.....	8			from SN 7026 to 7400	
		from SN 7025		--	122944GT	SEAL KIT,8K ROTATOR***.....	1
10	6033GT	WASHER,LOCK,0.5".....	6			from SN 7026 to 7400	
--	6097GT	WASHER,FLAT,USS,3/8",Y.....	8	--	48907GT	ELBOW,45D,520320-4.....	2
		from SN 7025				from SN 7026 to 7400	
11	30286GT	SCREW,HHC,1-8 X 12IN GRD.2***.....	1	--	49119-3378GT	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
--	73928GT	SCREW,HHC,1-8 X 11,GRD 5***.....	1			from SN 7026 to 7400	
		from SN 7025		--	6145GT	SCREW,HHC,1/4-20 X 1.5.....	3
12	122079GT	WASHER,FLAT,1.000,HARDENED.....	2			from SN 7026 to 7400	
--	38859GT	WASHER,FLAT,USS,1",Y.....	2	--	6356GT	WASHER, LOCK, .25.....	3
		from SN 7025				from SN 7026 to 7400	
13	29764GT	NUT,NYLOCK,1-8.....	1	--	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* from SN 7026 to 7400	
14	50144-SGT	PLATFORM SUPPORT WELDMNT***.....	1	--	73807GT	MANIFOLD,ROTATOR,CB***.....	1
		to SN 7024				from SN 7026 to 7400	
--	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV*.....	1	--	75395GT	BEARING KIT,PLAT ROTATOR,SUPER from SN 7026 to 7400	
		from SN 7025					
15	30219GT	BEARING,FL,1.25ID X 1.41OD X 1.....	2	--	97398GT	SCREW,PRESS.SWITCH COVER.....	1
16	13852GT	VALVE ASSY,BLEED***.....	2			from SN 7026 to 7400	
17A	77874GT	ROTATOR ASSEMBLY,8.2K***.....	1	17C	31498GT	BEARING KIT,ROTATOR,9K***.....	1
		update kit, includes Index No's. 15 and 16; to SN 7025				for rotator 30669; check stamp on part prior to ordering	
--	122697GT	UNION, 4-4 ORFS-ORFS, 4 HLO to SN 7025		17D	75395GT	BEARING KIT,PLAT ROTATOR,SUPER.....	1
--	122698GT	UNION, 6-4 ORFS-ORFS, 6-4 HLO to SN 7025				for rotator 73499; check stamp on part prior to ordering	
--	122699GT	UNION, 4-4 ORFS-JIC, 4 XHLO to SN 7025		18	T108075GT	PIN,1.25DIA X 5.25LG,1HOLE.....	1
--	122944GT	SEAL KIT,8K ROTATOR*** to SN 7025		19	25683GT	BEARING,POLYGON,20DU12.....	4
--	27035GT	SCREW,SHC,3/8-16 X .75,BLACK to SN 7025		20	63210GT	CYLINDER,SLAVE,3 X 11.38***.....	1
--	48907GT	ELBOW,45D,520320-4 to SN 7025				includes Index No. 19	
--	49119-3378GT	HOSE ASSY,1/4,STR FEM,STR FEM to SN 7025		--	43169GT	VALVE,COUNTERBALANCE***.....	2
						for blue cylinder	
				--	59267GT	VALVE,COUNTERBAL,CACG-LGN@3500.2 for black cylinder	
				--	63350GT	SEAL KIT,CYL (63210).....	1

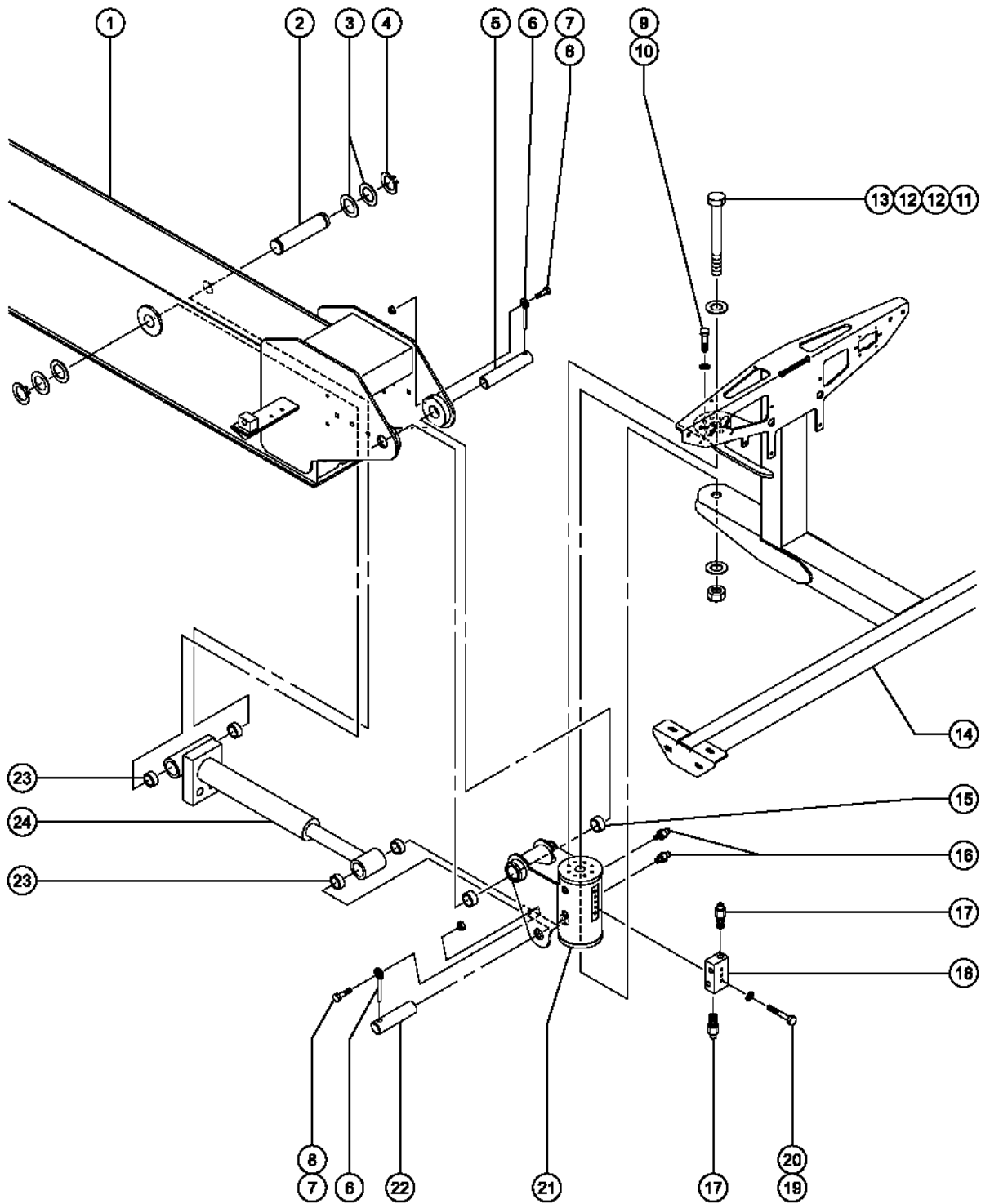
605.1 Slave Cylinder and Platform Rotator (to SN 7400)
(continued)

Item	Part No.	Description	Qty.
21	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000.2	
22	8915GT	SCREW,HHC,1/4-20 X 1.25.....2	
23	6356GT	WASHER, LOCK, .25.....2	
24	30823GT	VALVE,DUAL CB MANIFOLD.....1 <i>includes Index No. 21</i>	
25	6638GT	WASHER,FLAT,USS,1/4"Y.....2	

605.1 Slave Cylinder and Platform Rotator (to SN 7400)
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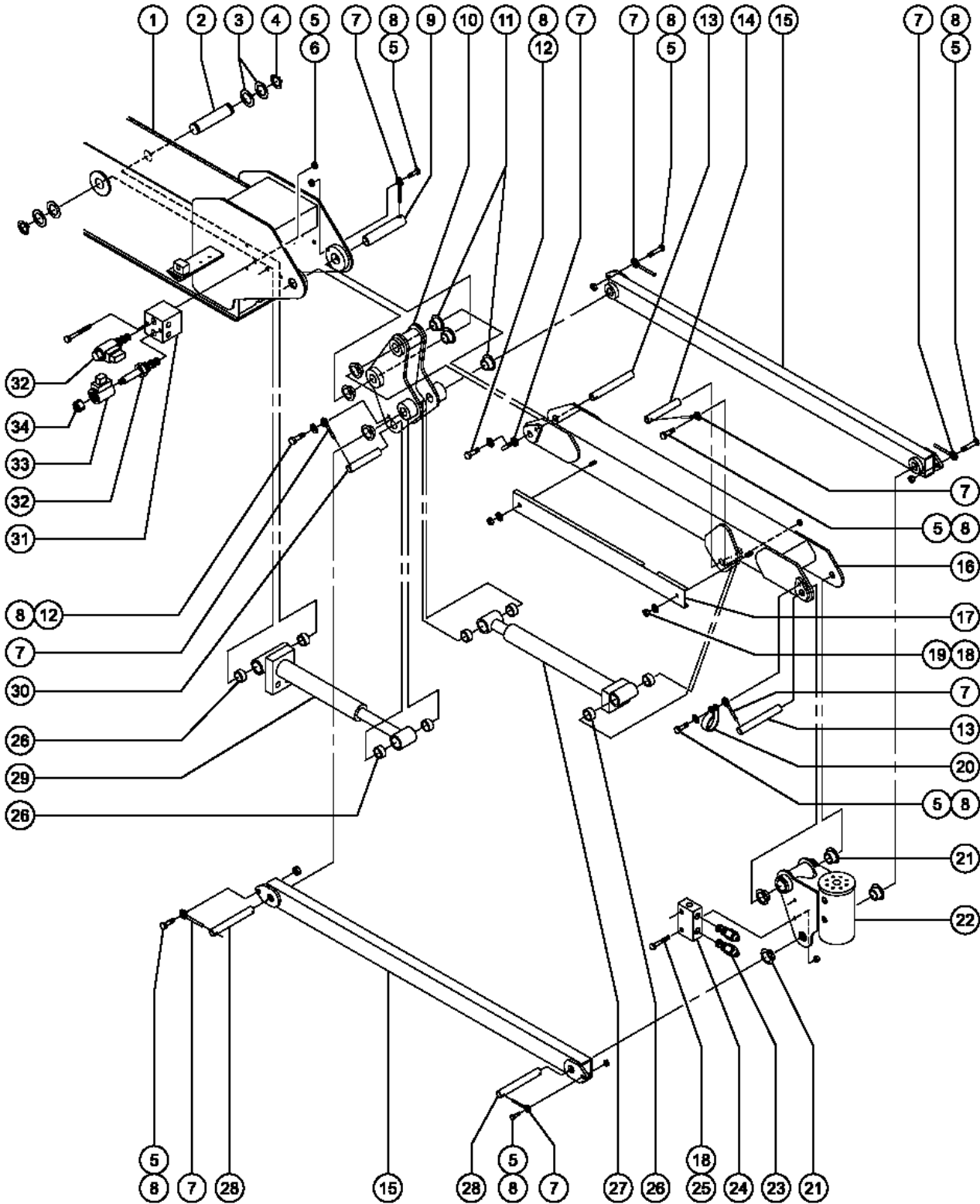
605.2 Slave Cylinder and Platform Rotator (from SN 7401)



605.2 Slave Cylinder and Platform Rotator (from SN 7401)

Item	Part No.	Description	Qty.
1		Ref. Boom Installation (refer to Figure 6-B)	
2	T108079GT	PIN,1.25DIA X 8.30LG,2RING.....	1
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062.....	4
4	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**.....	2
5	T108078GT	PIN,1.25DIA X 9.50LG,1HOLE.....	1
6	45226GT	ROD END,,375 X 3.69.....	2
7	8516GT	SCREW,HHC,3/8-16 X 1.50,GR5.....	2
8	4828GT	NUT,NYLOCK,3/8-16.....	2
9	6175GT	SCREW,HHC,3/8-16 X 1.....	8
10	6097GT	WASHER,FLAT,USS,3/8",Y.....	8
11	73928GT	SCREW,HHC,1-8 X 11,GRD 5***.....	1
12	122079GT	WASHER,FLAT,1.000,HARDENED.....	2
13	29764GT	NUT,NYLOCK,1-8.....	1
14	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV*.....	1
15	30219GT	BEARING,FL,1.25ID X 1.41OD X 1.....	2
16	13852GT	VALVE ASSY,BLEED***.....	2
17	62506GT	VALVE - COUNTERBALANCE**.....	2
18	73807GT	MANIFOLD,ROTATOR,CB***..... <i>includes Index No. 17</i>	1
19	6145GT	SCREW,HHC,1/4-20 X 1.5.....	3
20	6356GT	WASHER, LOCK, .25.....	3
21	94398GT	ROTATOR,PLAT,NON-JIB..... <i>includes Index No's. 15 and 16</i>	1
--	122944GT	SEAL KIT,8K ROTATOR*** <i>for rotator 94398; check stamp on part prior to ordering</i>	
--	62417GT	SEAL KIT,PLAT ROTATE***..... <i>for rotator 73917; check stamp on part prior to ordering</i>	1
--	75395GT	BEARING KIT,PLAT ROTATOR,SUPER..... <i>for rotator 73917; check stamp on part prior to ordering</i>	1
22	T108075GT	PIN,1.25DIA X 5.25LG,1HOLE.....	1
23	25683GT	BEARING,POLYGON,20DU12.....	4
24	63210GT	CYLINDER,SLAVE,3 X 11.38***..... <i>includes Index No. 19</i>	1
--	43169GT	VALVE,COUNTERBALANCE***..... <i>for blue cylinder</i>	2
--	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500.2 <i>for black cylinder</i>	
--	63350GT	SEAL KIT,CYL (63210).....	1

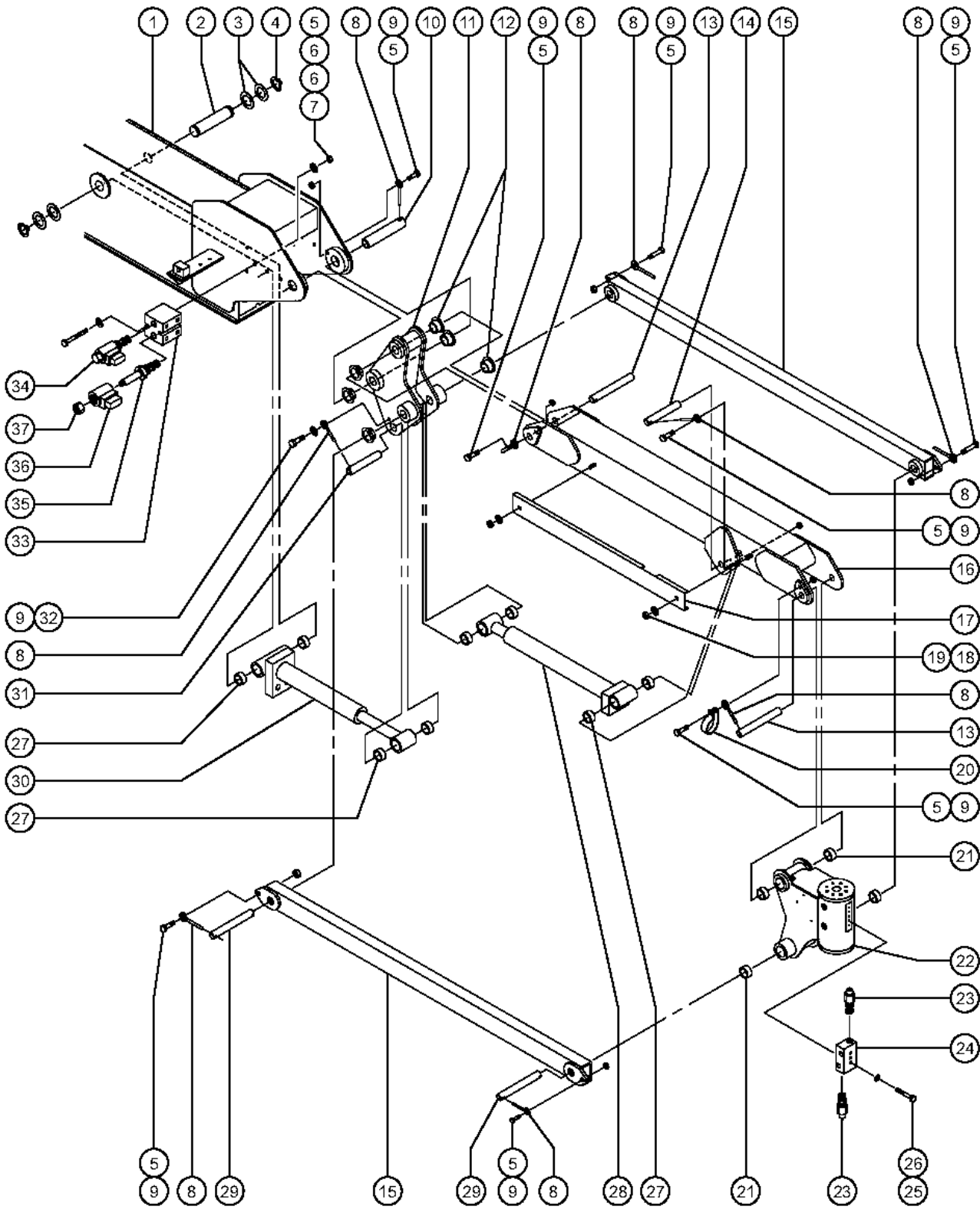
606.1 Jib Boom and Platform Rotator (to SN 7400)



606.1 Jib Boom and Platform Rotator (to SN 7400)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Ref. Boom Assembly <i>refer to section 602.1</i>		22B	77875GT	ROTATOR ASSEMBLY,8.2K*** <i>includes Index No. 21; to SN 7024 (when installing PN 77875 as a replacement for rotator PN 30947, 73498 or 60505, rotator manifold PN 30823, sold separately, must also be ordered)</i>	1
2	T108079GT	PIN,1.25DIAX8.30LG,2RING.....	1	--	62417GT	SEAL KIT,PLAT ROTATE*** <i>for rotator 60505</i>	1
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062.....	4	23	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000.2	
4	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**.....	2	24	30823GT	VALVE,DUAL CB MANIFOLD..... <i>includes Index No. 23</i>	1
5	4828GT	NUT,NYLOCK,3/8-16.....	6	25	8179GT	SCREW,HHC,1/4-20 X 2.25.....	2
6	21604GT	SCREW,HHC,3/8-16 X 3.25.....	2	26	25683GT	BEARING,POLYGON,20DU12.....	8
7	45226GT	ROD END,.375 X 3.69.....	9	27	63213GT	CYLINDER,JIB (STICK BOOMS)..... <i>includes 4 each Index No. 26</i>	1
8	8516GT	SCREW,HHC,3/8-16 X 1.50,GR5.....	9	--	33428GT	VALVE,COUNTERBALANCE.....	1
9	T108078GT	PIN,1.25DIAX9.50LG,1HOLE.....	1	--	63353GT	SEAL KIT,CYL,S65 (63213).....	1
10	89801GT	BELLCRANK ASSY W/BEARINGS..... <i>includes Index No. 11</i>	1	28	81175GT	PIN,1.25DIAX14.45LG,2HOLE.....	2
11	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L.....	6	29	63210GT	CYLINDER,SLAVE,3 X 11.38*** <i>includes 4 each Index No. 26</i>	1
12	6021GT	WASHER, LOCK, .375.....	3	--	43169GT	VALVE,COUNTERBALANCE*** <i>for blue cylinder</i>	
13	T108076GT	PIN,1.25DIAX7.88LG,1HOLE.....	2	--	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500.1 <i>for black cylinder</i>	1
14	T108077GT	PIN,1.25DIAX7.00LG,1HOLE.....	1	--	63350GT	SEAL KIT,CYL (63210).....	1
15	61306-SGT	COMPR.LINK,MACHINED,GND CONTR*.....	2	30	T108075GT	PIN,1.25DIAX5.25LG,1HOLE.....	1
16		SERVICE KIT, 5FT JIB..... <i>see section 609.1 for jib detail</i>	1	31	73616GT	MANIFOLD,JIB SELECT*** <i>includes Index No's. 32 through 34</i>	1
17	54527-SGT	CABLE COVER,JIB***.....	1	32	29066GT	VALVE,SOLENOID,10V,2POS 3WAY**..... <i>includes Index No. 33 and 34</i>	2
18	6091GT	NUT,NYLOCK,1/4-20.....	4	33	27814GT	COIL,SOLENOID,10V.....	1
19	6356GT	WASHER, LOCK, .25.....	6	34	45912GT	NUT,SOLENOID VALVE 2P3W.....	1
20	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH.....	1				
21	30219GT	BEARING,FL,1.25ID X 1.41OD X 1.....	4				
22A	94397GT	ROTATOR,PLAT JIB,160 DEG*** <i>includes Index No. 21; from SN 7025</i>	1				
--	122944GT	SEAL KIT,8K ROTATOR*** <i>for rotator 94397; check stamp on part prior to ordering</i>					
--	13852GT	VALVE ASSY,BLEED*** <i>for rotator 30947, 74398 and 60505; check stamp on part prior to ordering</i>	1				
--	31498GT	BEARING KIT,ROTATOR,9K*** <i>for rotator 30947, 74398 and 60505; check stamp on part prior to ordering</i>	1				
--	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR*... <i>for rotator 30947, 74398 and 60505; check stamp on part prior to ordering</i>	1				
--	75395GT	BEARING KIT,PLAT ROTATOR,SUPER <i>for rotator 94397; check stamp on part prior to ordering</i>					
--	88516GT	SCREW,BLEEDER,M5X0.8 <i>for rotator 94397; check stamp on part prior to ordering</i>					

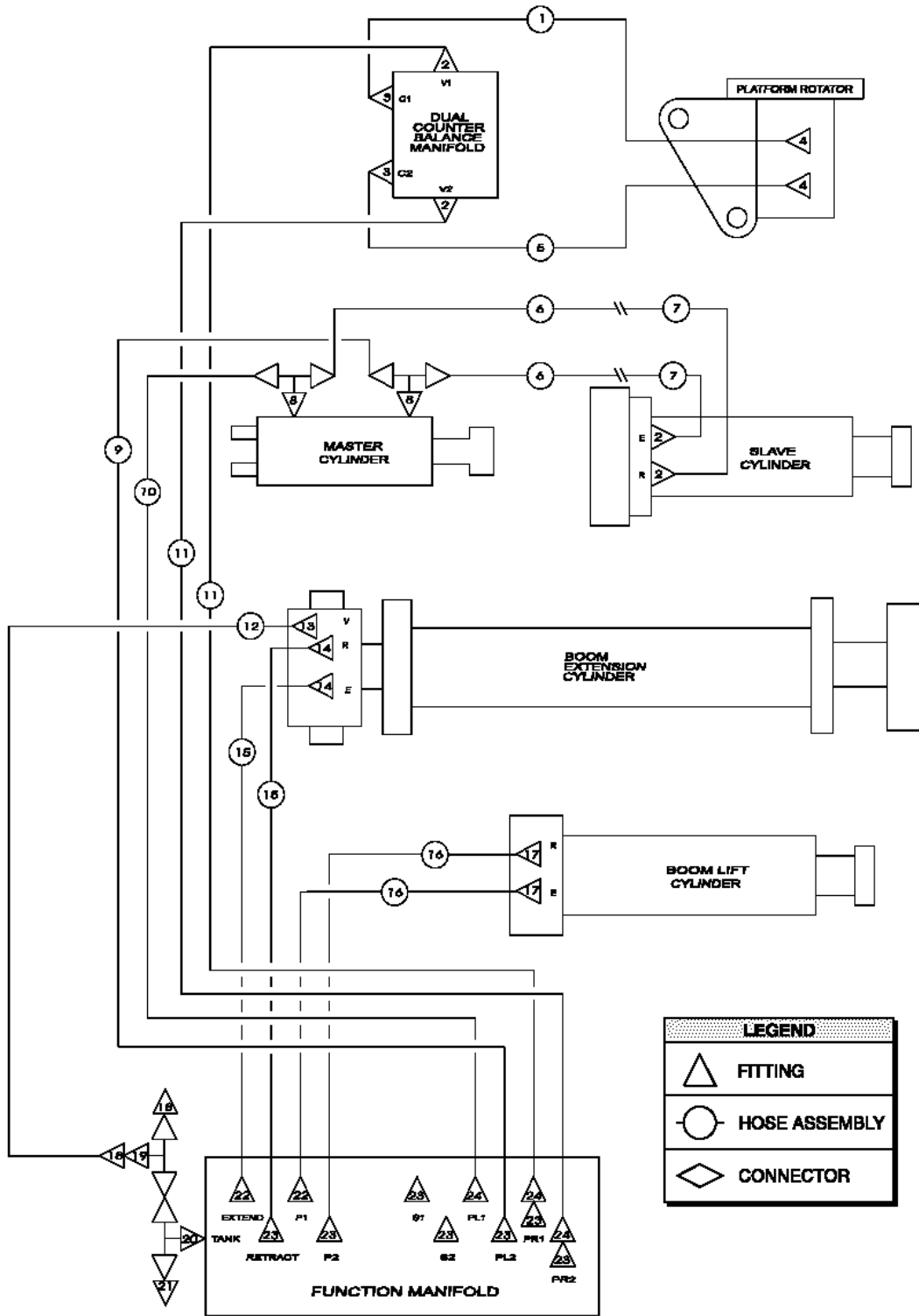
606.2 Jib Boom and Platform Rotator (from SN 7401)



606.2 Jib Boom and Platform Rotator (from SN 7401)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Ref. Boom Assembly <i>refer to section 602.1</i>		26	6356GT	WASHER, LOCK, .25.....	9
2	T108079GT	PIN,1.25DIAX8.30LG,2RING.....	1	27	25683GT	BEARING,POLYGON,20DU12.....	8
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062.....	4	28	63213GT	CYLINDER,JIB (STICK BOOMS)..... <i>includes 4 each Index No. 27</i>	1
4	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**.....	2	--	33428GT	VALVE,COUNTERBALANCE.....	1
5	4828GT	NUT,NYLOCK,3/8-16.....	6	--	63353GT	SEAL KIT,CYL,S65 (63213).....	1
6	54355GT	WASHER,FLAT,SAE,3/8",Y.....	2	29	81175GT	PIN,1.25DIAX14.45LG,2HOLE.....	2
7	21604GT	SCREW,HHC,3/8-16 X 3.25.....	2	30	63210GT	CYLINDER,SLAVE,3 X 11.38***..... <i>includes 4 each Index No. 27</i>	1
8	45226GT	ROD END,.375 X 3.69.....	9	--	43169GT	VALVE,COUNTERBALANCE*** <i>for blue cylinder</i>	
9	8516GT	SCREW,HHC,3/8-16 X 1.50,GR5.....	9	--	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500.1 <i>for black cylinder</i>	
10	T108078GT	PIN,1.25DIAX9.50LG,1HOLE.....	1	--	63350GT	SEAL KIT,CYL (63210).....	1
11	89801GT	BELLCRANK ASSY W/BEARINGS..... <i>includes Index No. 12</i>	1	31	T108075GT	PIN,1.25DIAX5.25LG,1HOLE.....	1
12	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L.....	6	32	6021GT	WASHER, LOCK, .375.....	3
13	T108076GT	PIN,1.25DIAX7.88LG,1HOLE.....	2	33	73616GT	MANIFOLD,JIB SELECT***..... <i>includes Index No's. 34 through 37</i>	1
14	T108077GT	PIN,1.25DIAX7.00LG,1HOLE.....	1	34	83005GT	VALVE, SOLENOID (73616)-SHORT..... <i>includes Index No's. 36 and 37</i>	1
15	61306-SGT	COMPR.LINK,MACHINED,GND CONTR*.....	2	35	83006GT	VALVE, SOLENOID (73616)-LONG**..... <i>includes Index No's. 36 and 37</i>	1
16		SERVICE KIT, 5FT JIB..... <i>see section 609.1 for jib detail</i>	1	36	81043GT	COIL,SOLENOID,8 DSD 10V,W/DIO*.....	1
17	54527-SGT	CABLE COVER,JIB***.....	1	37	45912GT	NUT,SOLENOID VALVE 2P3W.....	1
18	6091GT	NUT,NYLOCK,1/4-20.....	2				
19	6356GT	WASHER, LOCK, .25.....	6				
20	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH.....	1				
21	30370GT	BEARING,1.25IDX1.5ODX1.00L.....	4				
22	94397GT	ROTATOR,PLAT JIB,160 DEG***..... <i>includes Index No. 21</i>	1				
--	106421GT	SEAL KIT,ARCTIC,ROTATOR 8.2K** <i>for rotator 60505; check stamp on part prior to ordering</i>					
--	122944GT	SEAL KIT,8K ROTATOR*** <i>for rotator 94397; check stamp on part prior to ordering</i>					
--	13852GT	VALVE ASSY,BLEED***..... <i>for rotator 60505; check stamp on part prior to ordering</i>	1				
--	62417GT	SEAL KIT,PLAT ROTATE***..... <i>for rotator 60505; check stamp on part prior to ordering</i>	1				
--	75395GT	BEARING KIT,PLAT ROTATOR,SUPER.....	1				
--	88516GT	SCREW,BLEEDER,M5X0.8 <i>for rotator 94397; check stamp on part prior to ordering</i>					
23	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000.2					
24	30823GT	VALVE,DUAL CB MANIFOLD..... <i>includes Index No. 23</i>	1				
25	8179GT	SCREW,HHC,1/4-20 X 2.25.....	3				

607.1 Hydraulic Hoses and Fittings - S-60

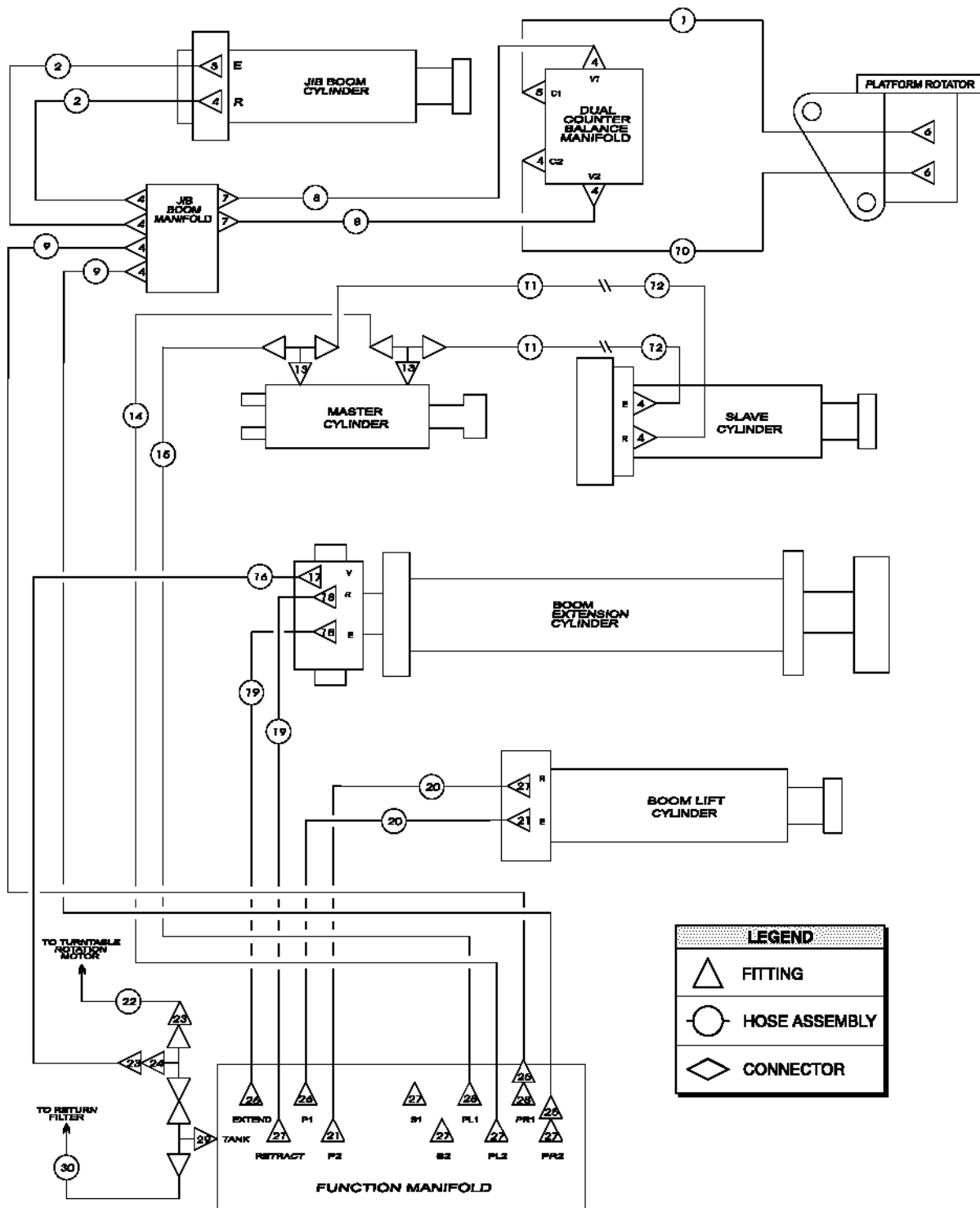


LEGEND	
	FITTING
	HOSE ASSEMBLY
	CONNECTOR

607.1 Hydraulic Hoses and Fittings - S-60

Item	Part No.	Description	Qty.
--	49612GT	O-RING KIT (ORFS FITTINGS)	
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49119-2550SGT	HOSE ASSY,1/4,STR FEM,STR FEM.....1	
2	48912GT	CONN,520120-4-6***.....4	
3	48911GT	ELBOW,90D,520220-4-6***.....2	
4	48802GT	HOSE END,FEM SW,90D,ORFS,-4***.....2	
5	49117-3200GT	HOSE ASSY,1/4,90 FEM,STR FEM.....1	
6	49118-73708GT	HOSE ASSEMBLY,1/4".....2	
7	49184-2476SGT	HOSE ASSY.....2	
8	48919GT	TEE,BRANCH,520429-6.....2	
9	49122-14525GT	HOSE ASSEMBLY-1/4".....1	
10	49122-13750GT	HOSE ASSEMBLY-1/4".....1	
11	49120-86300GT	HOSE ASSEMBLY, 1/4".....2	
12	49119-16503GT	HOSE ASSY,1/4,STR FEM,STR FEM.....1	
13	48907GT	ELBOW,45D,520320-4.....1	
14	48937GT	ELBOW,45D,520320-8.....2	
15	49109-16504GT	HOSE ASSY,1/2,90 FEM,STR FEM.....2	
16	49109-8554GT	HOSE ASSY,1/2,90 FEM,STR FEM.....2	
17	48933GT	CONN,520120-8***.....4	
18	48956GT	REDUCER,520123-10-4.....2	
19	48955GT	TEE,RUN,SWIVEL,520432-10.....1	
20	48954GT	TEE,BRANCH,520429-10.....1	
21	48934GT	CONN,LONG,520122-8.....2	
22	48916GT	FITTING,CONN,520120-6.....4	
23	48917GT	CONN,LONG,520122-6.....6	
24	48892GT	ELBOW,SWIVEL 90D, 520221-6.....3	

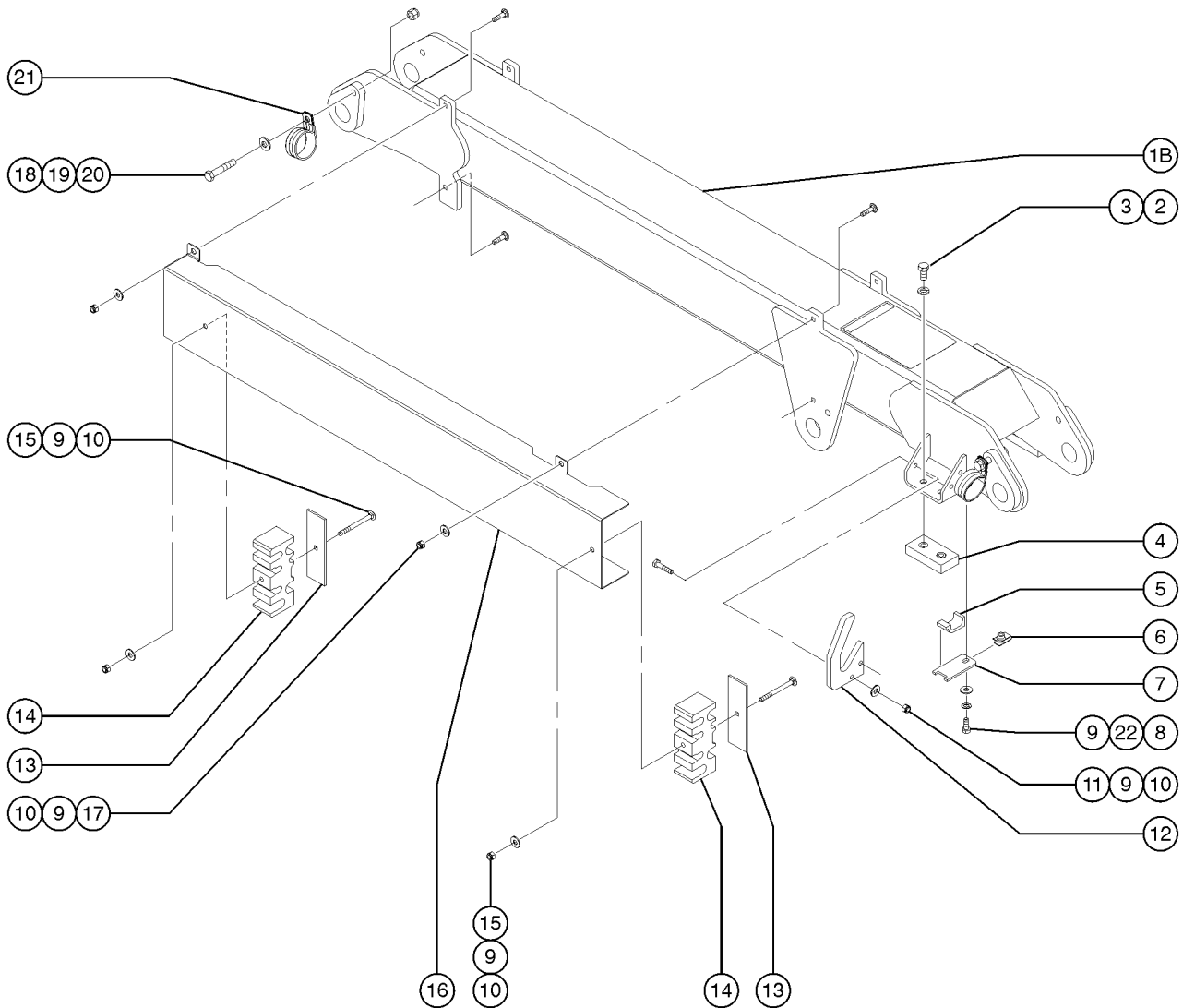
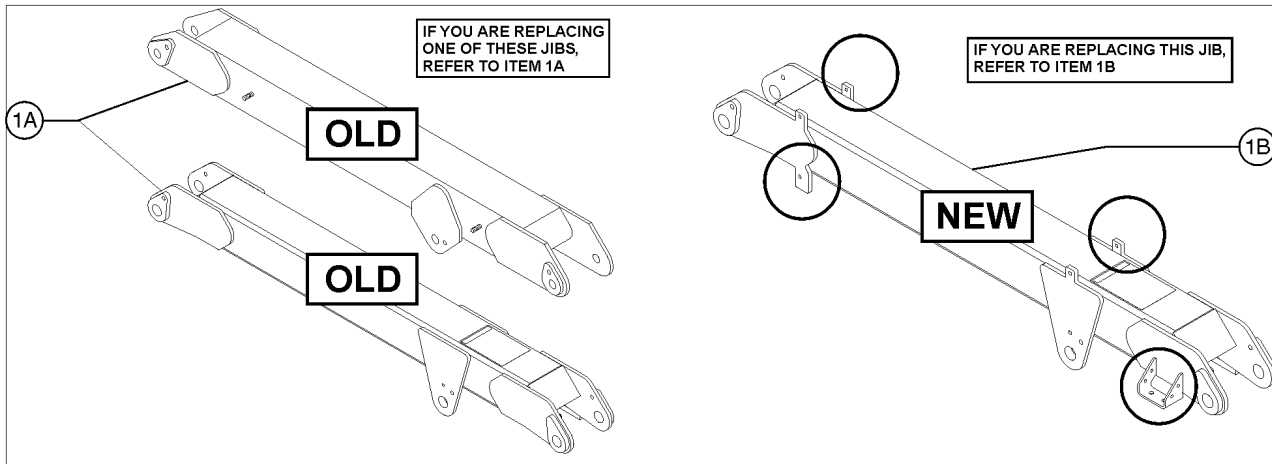
608.1 Hydraulic Hoses and Fittings - S-65



608.1 Hydraulic Hoses and Fittings - S-65

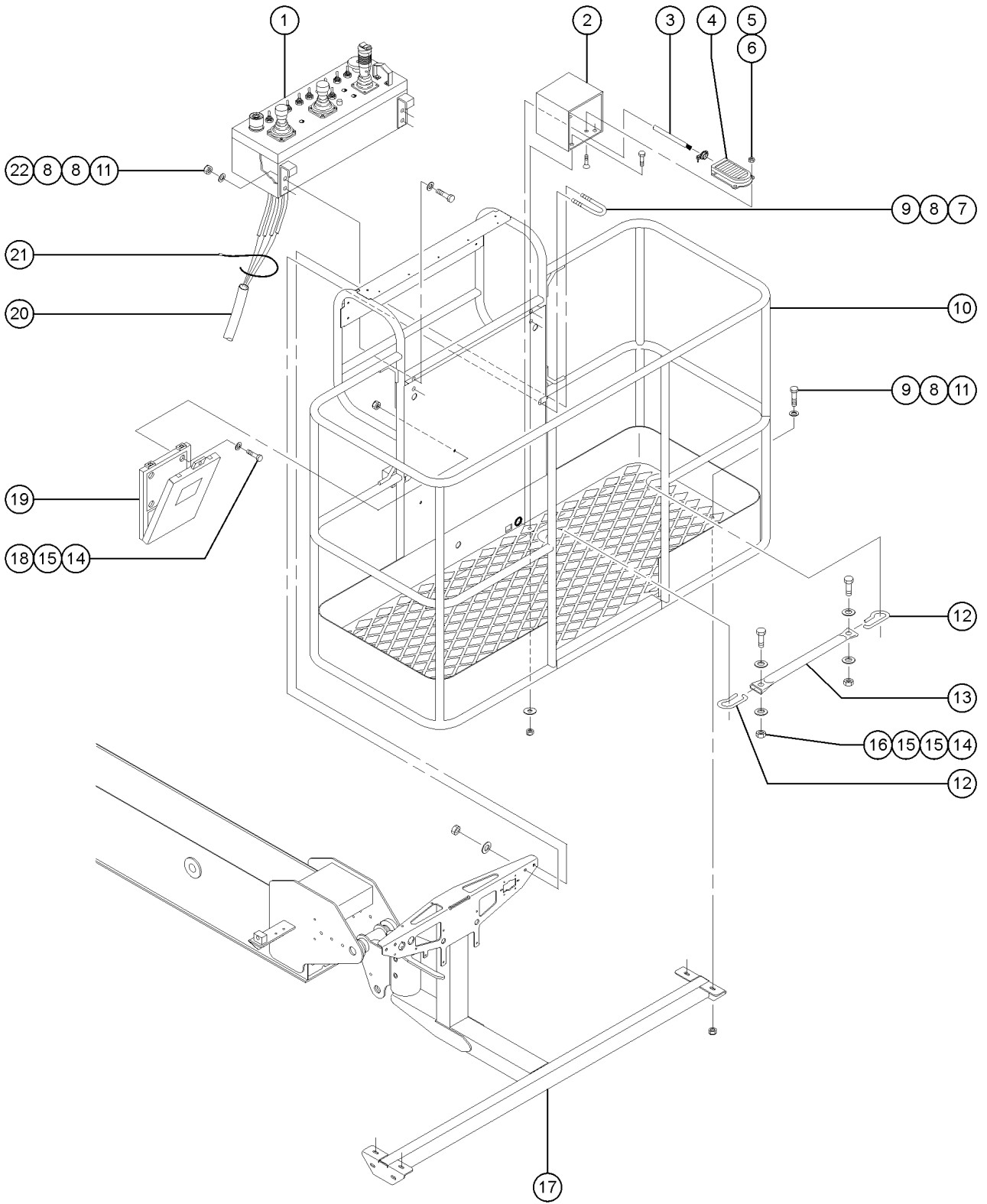
Item	Part No.	Description	Qty.
--	49612GT	O-RING KIT (ORFS FITTINGS)	
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49119-2550 SGT	HOSE ASSY,1/4,STR FEM,STR FEM.....1	
2	49120-8500GT	HOSE ASSEMBLY-1/4".....2	
3	48900GT	CONN,520120-4-6,.035,ORI.....1	
4	48912GT	CONN,520120-4-6***.....10	
5	48911GT	ELBOW,90D,520220-4-6***.....1	
6	48886GT	CONNECTOR,520120-4 SPEC.....2	
7	48913GT	CONN,520120-4-6,.030 ORI.....2	
8	49119-8500GT	HOSE ASSY,1/4,STR FEM,STR FEM.....2	
9	49112-8390GT	HOSE ASSEMBLY-1/4".....2	
10	49120-3200SGT	HOSE ASSEMBLY,1/4".....1	
11	49118-7350GT	HOSE ASSEMBLY-1/4".....2	
12	49121-3088GT	HOSE ASSY,1/4,STR FEM,STR MALE...2	
13	48919GT	TEE,BRANCH,520429-6.....2	
14	49122-14525GT	HOSE ASSEMBLY-1/4".....1	
15	49122-13750GT	HOSE ASSEMBLY-1/4".....1	
16	49116-1590GT	HOSE ASSY,1/4,45 FEM,STR FEM.....1	
17	48907GT	ELBOW,45D,520320-4.....1	
18	48937GT	ELBOW,45D,520320-8.....2	
19	49109-1650 SGT	HOSE ASSY,1/2,90 FEM,STR FEM.....2	
20	49109-8550SGT	HOSE ASSY,1/2,90 FEM,STR FEM.....2	
21	48933GT	CONN,520120-8***.....4	
22	49119-1625GT	HOSE ASSY,1/4,STR FEM,STR FEM.....1	
23	48956GT	REDUCER,520123-10-4.....2	
24	48955GT	TEE,RUN,SWIVEL,520432-10.....1	
25	48892GT	ELBOW,SWIVEL 90D, 520221-6.....2	
26	48934GT	CONN,LONG,520122-8.....2	
27	48916GT	FITTING,CONN,520120-6.....4	
28	48917GT	CONN,LONG,520122-6.....2	
29	48954GT	TEE,BRANCH,520429-10.....1	
30	49153-1600GT	HOSE ASSEMBLY-3/4" 100R1.....1	

609.1 Jib Detail



Item	Part No.	Description	Qty.
1A	128513GT	SERVICE KIT,5FT JIB <i>required for first time replacement (includes part number 128534)</i>	
1B	128534GT	JIB BOOM ASSY W/WORD DECAL.....1 <i>use ONLY if service kit 128513 has been installed on the machine</i>	
2	8255GT	SCREW, HHC, 3/8-16 X .75	
3	6021GT	WASHER, LOCK, .375	
4	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS.....1	
5	119542GT	CLAMP,TWO HOSE.....1	
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.5, ZAG.....1	
7	119536GT	BRACKET,HOSE CLAMP***.....1	
8	6888GT	SCREW,HHC,1/4-20 X 1	
9	6638GT	WASHER,FLAT,USS,1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	8915GT	SCREW,HHC,1/4-20 X 1.25	
12	128482GT	HOSE GUIDE, JIB.....1	
13	128483GT	BACKING PLATE, HOSE BLOCK, JIB....2	
14	128501GT	CLAMP,JIB HOSE/CABLE.....2	
15	128724GT	BOLT,CARRIAGE,1/4-20 X 2.75,G2	
16	128454PGT	COVER, JIB HOSES/CABLES.....1	
17	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	
18	5224GT	SCREW,HHC,3/8-16 X 2	
19	5397GT	WASHER,FLAT,USS,5/16",Y	
20	4828GT	NUT,NYLOCK,3/8-16	
21	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH.....2	
22	6356GT	WASHER, LOCK, .25	

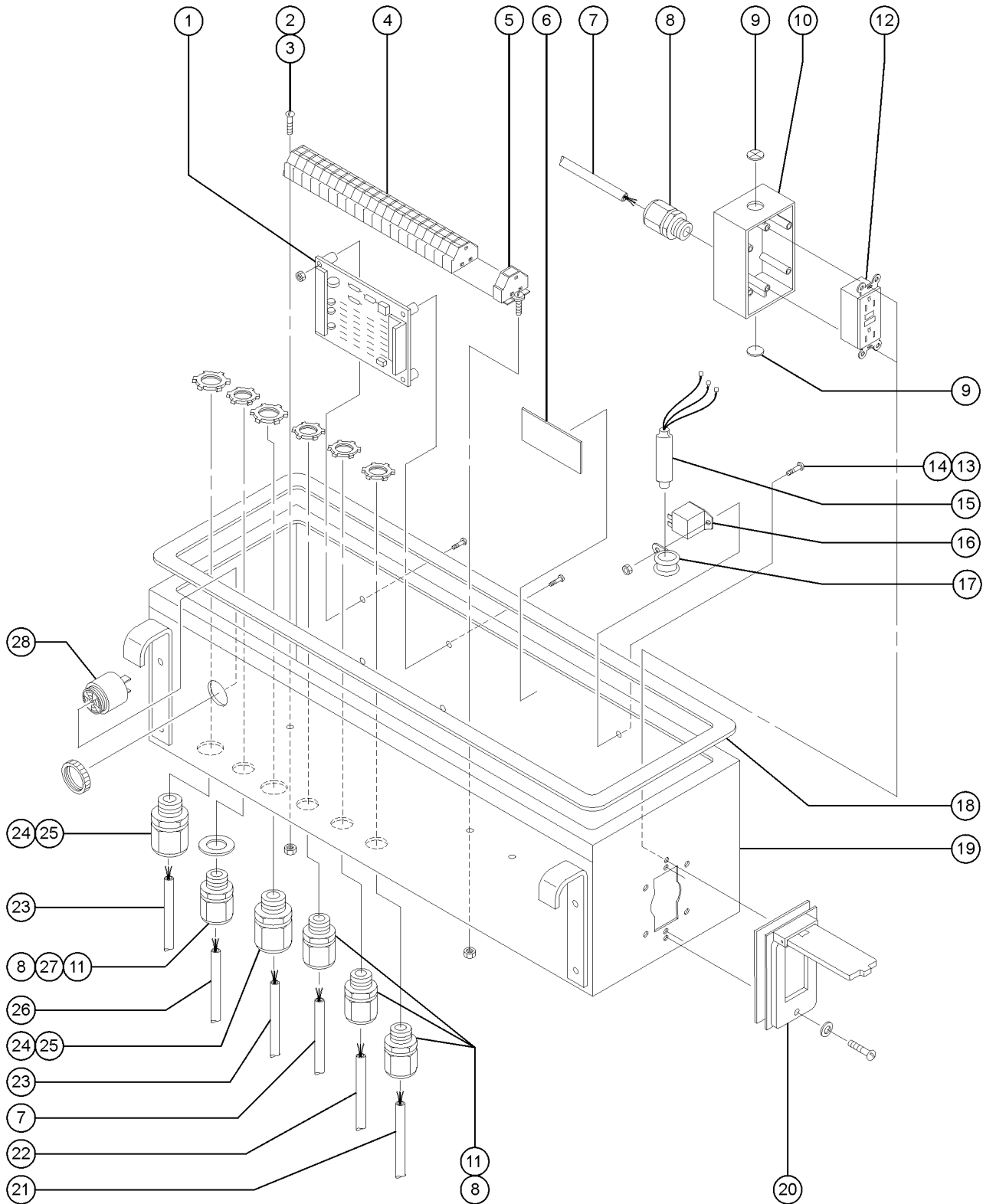
701.1 Platform Installation



701.1 Platform Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Ref. Platform Controls <i>refer to sections 702.1 or 703.1</i>		19	44743GT	MANUAL BOX W/DECALS***.....1	
2	32710GT	GUARD,FOOTSWITCH,W/DECAL STEEL.....1		20A	28131GT	WIRE LOOM,1.25 DIA.....66-inches S-60 models	
3	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....158.4-inches		20B	28678GT	SLEEVE,NYLON,2" I.D.,BULK(100').66-inches S-65 models	
4	73233GT	ASSEMBLY,FOOT SWITCH***.....1 <i>includes mounting fasteners</i>		21	28443GT	CABLE TIE,11.5" BLACK.....8	
--	13482GT	FOOT SWITCH*** <i>for PN 73233</i>		22	7713GT	NUT, LP NYLOCK, 3/8-16.....4	
--	20262GT	MICROSWITCH,13482 FOOTSWITCH...1 <i>for PN 73233</i>					
5	6178GT	NUT,NYLOCK,10-32.....2					
6	17626GT	SCREW,FHM,10-32 X .75.....2					
7	6550GT	U-BOLT,3/8 X 1 YZ.....2					
8	5397GT	WASHER,FLAT,USS,5/16",Y.....16					
9	4828GT	NUT,NYLOCK,3/8-16.....8					
10A	52093GT	PLAT.ASSY,6FT-S40/S60-95'& S80.....1 <i>includes Index No's. 12 through 16</i>					
--	40170GT	TOEBOARD (PLAT. ENTRY ALUMN)....1					
--	52081GT	PLAT.ASSY,EURO,6 FT,S40/60/80.....1 <i>includes Index No's. 12 through 16</i>					
--	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*.....1					
10B	52082GT	PLAT ASSY,8 FT,SERV,S40/60/80.....1 <i>includes Index No's. 12 through 16</i>					
--	40170GT	TOEBOARD (PLAT. ENTRY ALUMN)....1					
--	52083GT	PLAT.ASSY,EURO,8 FT,S40/60.....1 <i>includes Index No's. 12 through 16</i>					
--	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*.....1					
11	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5.....12					
12	12443GT	MIDRAIL GUIDE (HOOK).....2					
13	102992GT	SLIDING MIDRAIL KIT,PTD.....1 <i>includes Index No's. 12, 14, 15 and 16</i>					
--	20973GT	WIRE LOOM,3/8 POLY SLIT.....1					
--	21121GT	CABLE TIE,4" BLK,HEAT RESISTNT.....1					
--	53819GT	TUBE,SLIDING MIDRAIL,20.69 IN.....1					
14	6091GT	NUT,NYLOCK,1/4-20.....10					
15	6638GT	WASHER,FLAT,USS,1/4"Y.....14					
16	8915GT	SCREW,HHC,1/4-20 X 1.25.....2					
17	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV*.....2 <i>from SN 7025</i>					
--	50144-SGT	PLATFORM SUPPORT WELDMNT***.....1 <i>to SN 7024</i>					
18	6888GT	SCREW,HHC,1/4-20 X 1.....4					

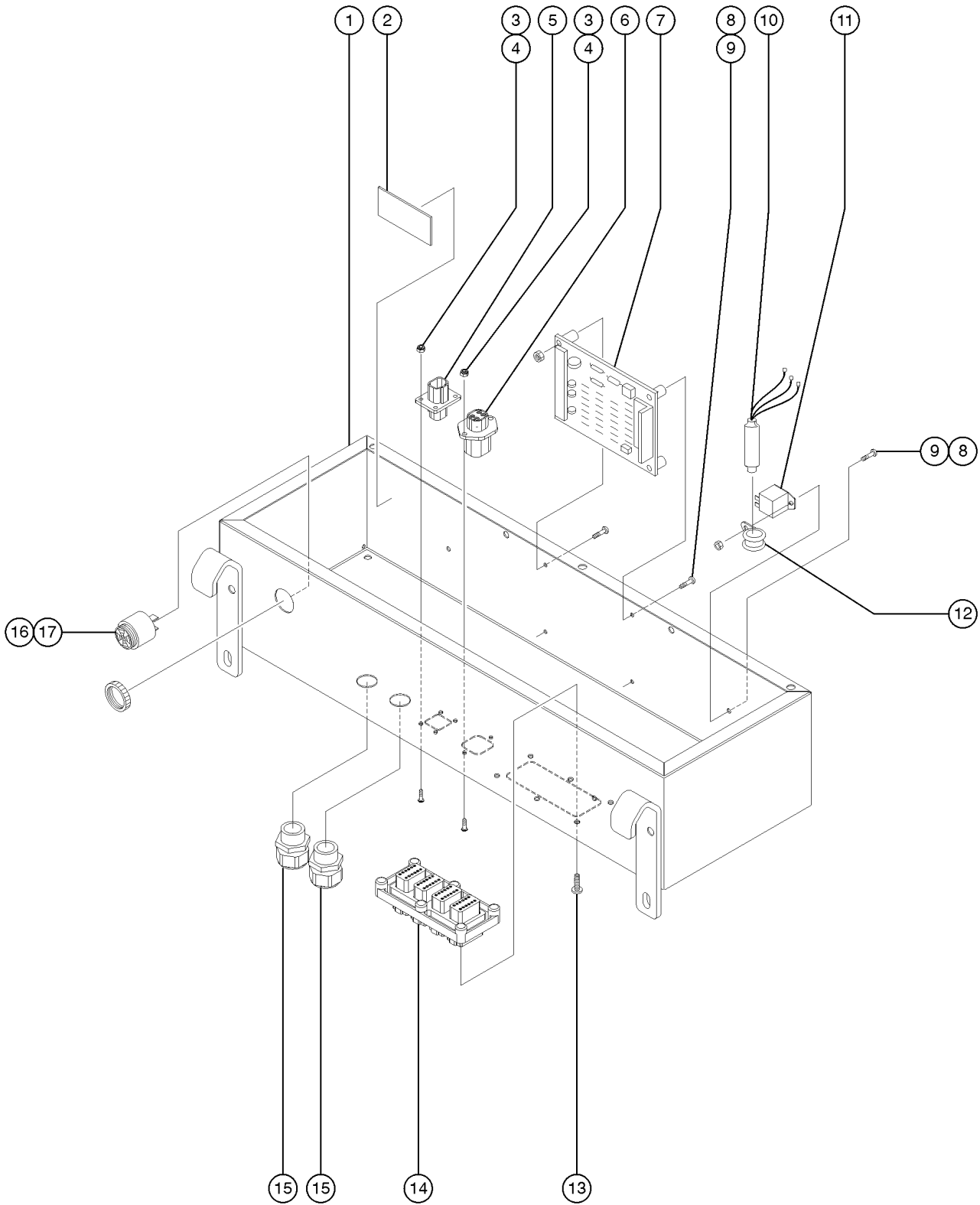
702.1 Platform Controls - View 1 (to SN 7837)



702.1 Platform Controls - View 1 (to SN 7837)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
A	119867GT	WIRING KIT,JIB TIME DELAY IC		20	45437GT	COVER,GFCI,WEATHERPROOF.....1 <i>includes mounting fasteners</i>	
--	19274GT	RELAY,SPDT,12V(AUTO)**		--	33629GT	PLATE,UK POWER TO PLATFORM.....1	
--	43181GT	CAPACITOR,TIME DELAY		--	33724GT	KIT,GASKET,UK POWER TO PLAT.....1	
1	22052GT	LIMITER PC BOARD, HORSEPOWER...1 <i>includes mounting fasteners</i>		21	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....66-inches	
--	39591GT	SPACER,NYLON,.375.....4 <i>sold separately</i>		22	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....186-inches	
2	45546GT	SCREW,RHM,6-32 X .5.....2		23A	48533GT	WIRE CABLE,18GA/19 CON.BNDREX.....984-inches S-60	
3	12344GT	NUT,NYLOCK,6-32.....2		23B	48533GT	WIRE CABLE,18GA/19 CON.BNDREX.....1044-inches S-65	
4	32637GT	TERMINAL BLOCK,WAGO.....45		24	12960GT	CABLE SQUEEZE CONN.,XTRA LRG...2	
5	32639GT	END PLATE,WAGO.....1		25	14041GT	LOCKNUT,ELECTRIC,3/4".....2	
6	30997GT	CORROSION INHIBITOR,FOAM.....1		26A	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL.....984-inches S-60	
7A	43955GT	WIRE CABLE,12/3 CON.TPE JKT.....984-inches S-60 to SN 7382 (black, white, brown)		26B	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL.....1044-inches S-65	
--	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL.....984-inches S-60 from SN 7383		27	34769GT	WASHER,REDUCING 3/4" TO 1/2".....1	
7B	43955GT	WIRE CABLE,12/3 CON.TPE JKT.....1044-inches S-65 to SN 7382 (black, white, brown)		28	45383GT	ALARM,WARBLE TONE 5-30 VDC***.....1 <i>Does not include 72326 nut</i>	
--	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL.....1044-inches S-65 from SN 7383		--	72326GT	NUT - PLASTIC,RING FOR ALARMS.....1	
8A	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM...4 S-60; shown					
8B	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM...5 S-65					
9	8843GT	COVER,KNOCK OUT HOLE,4 PER BAG.....2					
10	10775GT	T-BOX,2.75 X 4.5 X 2.0.....1					
11A	6935GT	LOCKNUT,ELEC,1/2".....4 S-60					
11B	6935GT	LOCKNUT,ELEC,1/2".....5 S-65					
12	13585GT	OUTLET,110V GFCI***.....1					
--	35003GT	RECEPTACLE, BRITISH, 110V.....1					
13	5094GT	SCREW,RHM,10-32 X .5.....1					
14	6178GT	NUT,NYLOCK,10-32.....1					
15	43181GT	CAPACITOR,TIME DELAY.....1 S-65 only					
16	19274GT	RELAY,SPDT,12V(AUTO)**.....1 S-65 only					
17	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH.....1					
18	27115GT	GASKET,UPPER CONTROL BOX.....1					
19	33474GT	CONTROL BOX W/DECAL,PLAT.....1 <i>includes Index No. 18; to SN 3099</i>					
--	58003-SGT	PLAT CNTL BOX,W/DECAL,S60/80.....1 <i>includes Index No. 18; from SN 3100</i>					

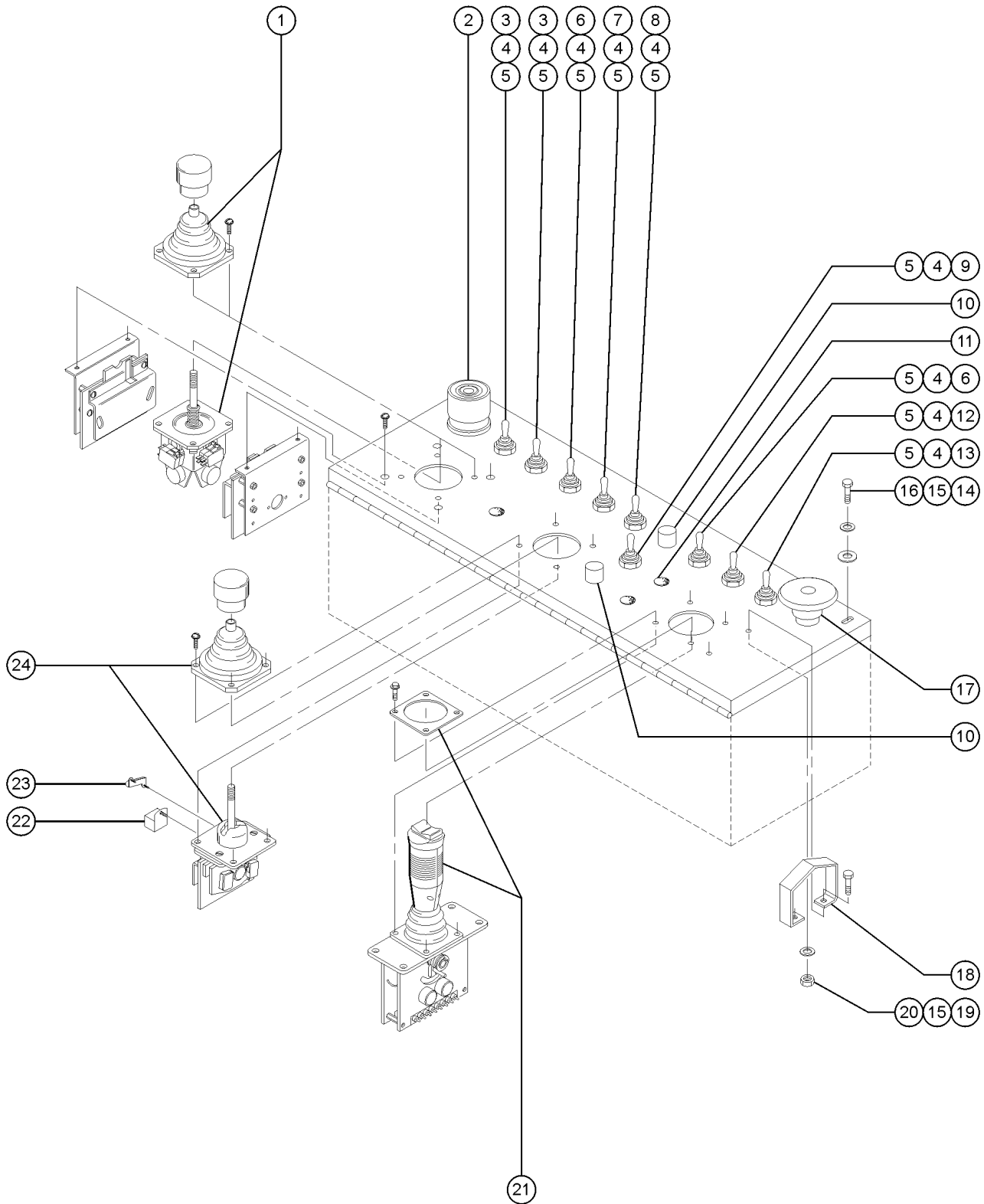
702.2 Platform Controls - View 1 (from SN 7838)



702.2 Platform Controls - View 1 (from SN 7838)

Item	Part No.	Description	Qty.
A	119867GT	WIRING KIT,JIB TIME DELAY IC	
--	19274GT	RELAY,SPDT,12V(AUTO)**	
--	43181GT	CAPACITOR,TIME DELAY	
1	58186GT	PLAT.CNTL.BOX,W/DECAL,S60.....1	1
2	30997GT	CORROSION INHIBITOR,FOAM.....1	1
3	12344GT	NUT,NYLOCK,6-32	
4	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
5	73723GT	CONN RECEP,FLANGED.....1	1
6	73717GT	CONN,RECEP 4 WAY,12-14GA FL***.....1	1
7	22052GT	LIMITER PC BOARD, HORSEPOWER...1	1
--	39591GT	SPACER,NYLON,.375.....4 <i>sold separately</i>	4
8	5094GT	SCREW,RHM,10-32 X .5	
9	6178GT	NUT,NYLOCK,10-32	
10	43181GT	CAPACITOR,TIME DELAY.....1	1
11	19274GT	RELAY,SPDT,12V(AUTO)**.....1	1
12	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH.....1	1
13	73803GT	SCREW,SHM,PHP, #12 X .75	
14	73736GT	CONN,RECEP 48 WAY,4 X 12.....1	1
15A	15243GT	PLUG,NYLON .875 BLACK DOMED.....2 S-60	2
15B	12960GT	CABLE SQUEEZE CONN.,XTRA LRG...2 S-65	2
16	45383GT	ALARM,WARBLE TONE 5-30 VDC***.....1 <i>Does not include 72326 nut</i>	1
17	72326GT	NUT - PLASTIC,RING FOR ALARMS.....1	1

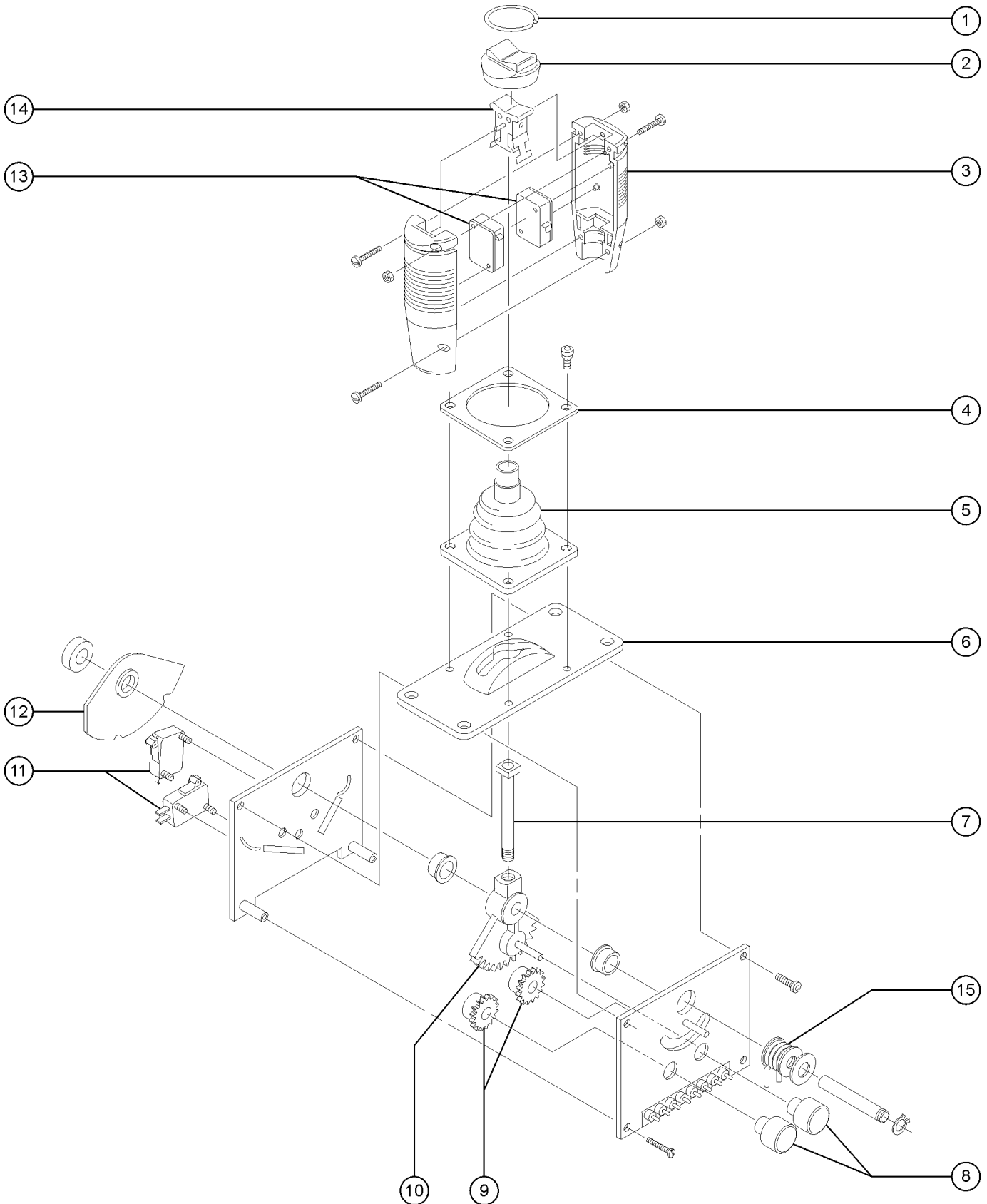
703.1 Platform Controls - View 2



703.1 Platform Controls - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	33474GT	CONTROL BOX W/DECAL,PLAT. to SN 3099		16	6638GT	WASHER,FLAT,USS,1/4"Y.....	5
--	58003-SGT	PLAT CNTL BOX,W/DECAL,S60/80.....1 from SN 3100 to 7837	1	17	122514GT	KIT,ESTOP SVC BB&SM BOOM.....	1
--	58186GT	PLAT.CNTL.BOX,W/DECAL,S60 from SN 7838		--	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD.....	1
1	40613GT	JOYSTICK,DUAL AXIS CONTROLL. **.....1 OEM joystick	1	--	66818GT	CONTACT,NC.....	1
--	40613HGT	JOYSTICK,DUAL AXIS CONTROLL.** aftermarket joystick replacement		--	66821GT	BASE,WITHOUT CONTACTS.....	1
2	122513GT	KIT,HORN SVC BB&SM BOOM.....	1	18	27033P-SGT	SUPPORT,WRIST,PAINTED-BLUE.....	1
--	66813GT	BUTTON,PUSH,BLACK W/SEAL ***.....	1	19	6091GT	NUT,NYLOCK,1/4-20.....	2
--	66815GT	BASE, W/1 N.O. CONTACTS***.....	1	20	8914GT	SCREW, HHC, 1/4-20 X .625.....	2
--	66816GT	CONTACT,N.O.....	1	21	20424GT	JOYSTICK CONTROLLER,12V.....1 OEM joystick	1
3	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN.....	2	--	20424HGT	JOYSTICK CONTROLLER,12V aftermarket joystick replacement	
		includes mounting fasteners		22	19274GT	RELAY,SPDT,12V(AUTO)**.....	1
4	27246GT	BOOT,TOGGLE SWITCH,SHORT*.....	9	23	27116GT	RESISTOR,100 OHM,25 WATT.....1 4WD models	1
5	54692GT	SPACER,NYLON,.718 X .526 X.219.....	9	--	34798GT	RESISTOR,150 OHM,25 WATT.....1 2WD models	1
6	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*.....	1	24	24495GT	JOYSTICK,SINGLE AXIS PROPORT.....1 OEM joystick	1
		includes mounting fasteners		--	24495HGT	JOYSTICK,SINGLE AXIS PROPORT aftermarket joystick replacement	
7	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN.....	1				
		includes mounting fasteners					
8	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT*.....	1				
		includes mounting fasteners					
9	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*.....	1				
		includes mounting fasteners					
10A	824879GT	LIGHT,LED IND. RED 12V NH.....1 Gasoline/LPG and Perkins models	1				
10B	45384GT	PLUG,NYLON .50 BLACK DOMED.....1 Deutz models	1				
10C	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*.....	1				
		Deutz Diesel, Glow Plug Option					
11	45384GT	PLUG,NYLON .50 BLACK DOMED.....	1				
--	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT*.....	1				
		Generator models					
12	13038-SGT	SWITCH,TOGGLE,DPDT,3POS MAINT.....	1				
		includes mounting fasteners					
13	56457-SGT	SWITCH,TOGGLE,SPDT,2 POS MAINT.....	1				
		includes mounting fasteners; Gasoline/LPG models					
14	6090GT	SCREW,HHC,1/4-20 X .75.....	3				
15	6356GT	WASHER, LOCK, .25.....	3				

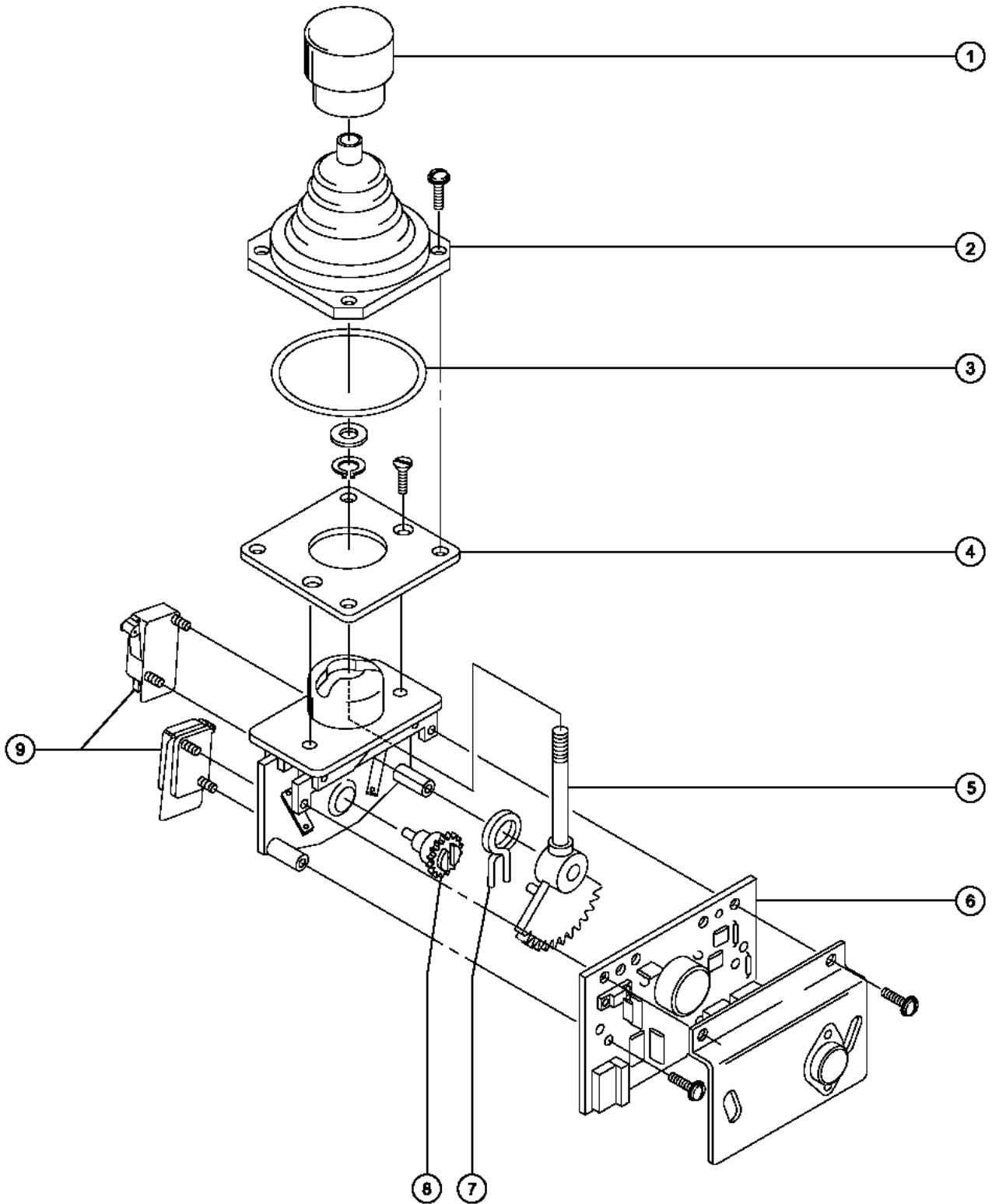
704.1 Joystick Controller - Drive/Steer Functions



704.1 Joystick Controller - Drive/Steer Functions

Item	Part No.	Description	Qty.
--	20424GT	JOYSTICK CONTROLLER,12V <i>OEM joystick, contains all shown service parts</i>	
--	20424HGT	JOYSTICK CONTROLLER,12V <i>aftermarket joystick replacement</i>	
1	25882GT	LOCK RING.....	1
2	25881GT	BOOT,THUMB 20424 JOYSTICK.....	1
3	25883GT	HANDLE HALF,JOYSTICK (20424)..... <i>order qty (2) required</i>	1
--	49887GT	NUT & BOLT KIT (25883).....	1
--	72245GT	KIT, JOYSTICK HANDLE <i>includes handles, rocker and nut/bolt kit</i>	
4	44221GT	COLLAR, BOOT RETAINING.....	1
5	22368GT	BOOT (20424).....	1
6	25884GT	COVER CASTING,20424 CONTROLLER.....	1
7	44211GT	SHAFT,W/NF STYL BLOCK,(20424)*.....	1
8	22364GT	POTENTIOMETER (20424).....	2
9	22367GT	SPUR GEAR (20424).....	2
10	44212GT	GEAR CASTING,20424 CONTROLLER*.....	1
11	22365GT	SWITCH (20424).....	2
12	22366GT	CAM ASSY (20424).....	1
13	23680GT	SWITCH,HANDLE,20424.....	2
14	23688GT	ROCKER ASSY,HANDLE (20424)***.....	1
15	58209GT	SPRING,RETURN***.....	1

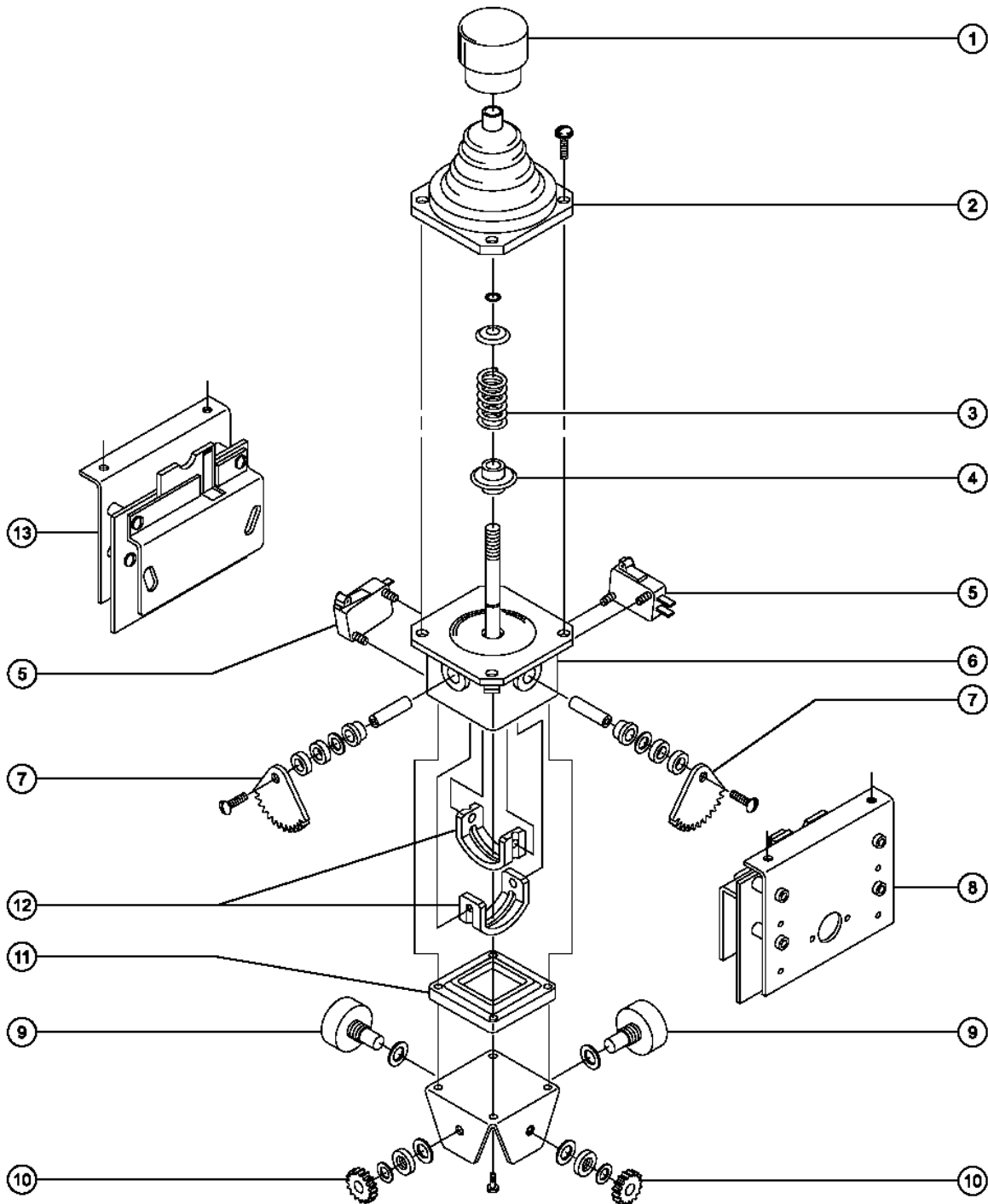
705.1 Joystick Controller - Extend/Retract, Single Axis



705.1 Joystick Controller - Extend/Retract, Single Axis

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

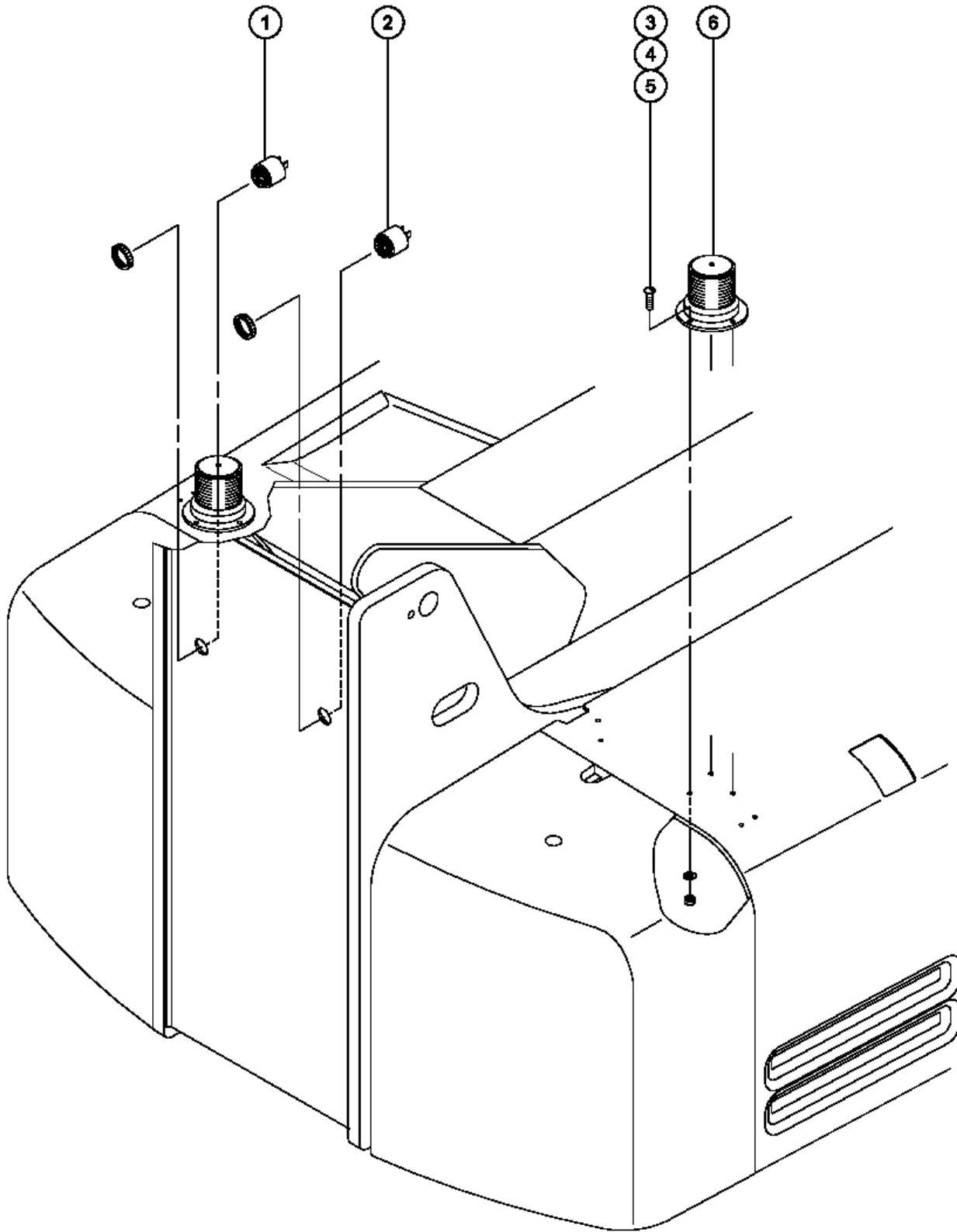
706.1 Joystick Controller - Boom Functions, Dual Axis



706.1 Joystick Controller - Boom Functions, Dual Axis

Item	Part No.	Description	Qty.
--	40613GT	JOYSTICK,DUAL AXIS CONTROLL.** <i>OEM joystick, contains all shown service parts</i>	
--	40613HGT	JOYSTICK,DUAL AXIS CONTROLL.** <i>aftermarket joystick replacement</i>	
1	27133GT	HANDLE,CAP,CONTROLLER.....	1
2	27134GT	BOOT,CONTROLLER..... <i>includes 46272</i>	1
--	46272GT	FLANGE-JOYSTICK MOUNTING,44988.....	1
3	27511GT	SPRING,24493 CONTROLLER.....	1
4	31283GT	BUSHING,SPRING SEAT.....	1
5	19712GT	MICROSWITCH,V3L-139-D8.....	2
6	31284GT	SHAFT ASSY W/HOUSING.....	1
7	27512GT	JOYSTICK, DRIVE GEAR, (24493).....	2
8	48413GT	PCB,ASSY,BOOM ROTATE,40613*.....	1
9	72356GT	POTENTIOMETER (40613)..... <i>(supplier p/n EPVR-342)</i>	2
9	83088GT	POTENTIOMETER (40613) <i>(supplier p/n EPVR-464)</i>	
10	27514GT	GEAR, SLAVE, 24493.....	2
11	58923GT	SADDLE BRCKT40613,34419,53073*.....	1
12	37948GT	SADDLES-SET(24493,40613,53073*.....	1
13	48414GT	PCB,ASSY,BOOM UP/DOWN,40613***.....	1

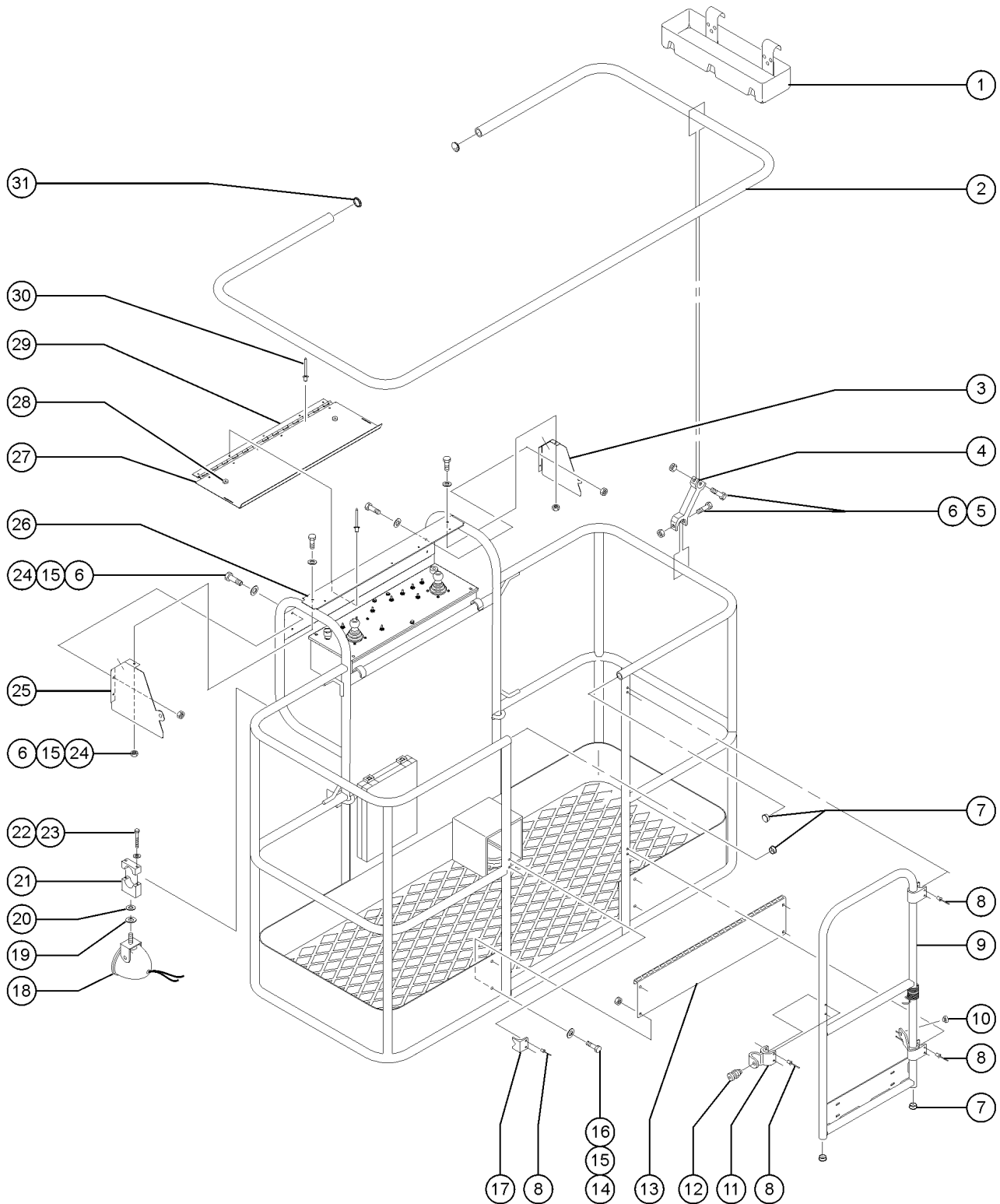
801.1 Alarm and Beacon Package



801.1 Alarm and Beacon Package

Item	Part No.	Description	Qty.
--	46984GT	ALARM PKG,S60/80***	
1	230392GT	ALARM,DESCENT.....1 <i>Does not include 72326 nut</i>	1
1	72326GT	NUT - PLASTIC,RING FOR ALARMS.....1	1
2	18963GT	ALARM,INTERMITTENT TONE 6-30V*...1 <i>Does not include 72326 nut</i>	1
2	72326GT	NUT - PLASTIC,RING FOR ALARMS.....1	1
3	6147GT	SCREW,RHM,10-32 X 1.....6	6
4	6146GT	WASHER,FLAT,MS,#10,Y.....6	6
5	6178GT	NUT,NYLOCK,10-32.....6	6
6	56704GT	STROBE,FIREBOLT,12-80VDC,AMB**...2 <i>(replaced 20189)</i>	2
--	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
--	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
--	72282GT	LENS,AMBER,STROBE,FIREBOLT.....2	2

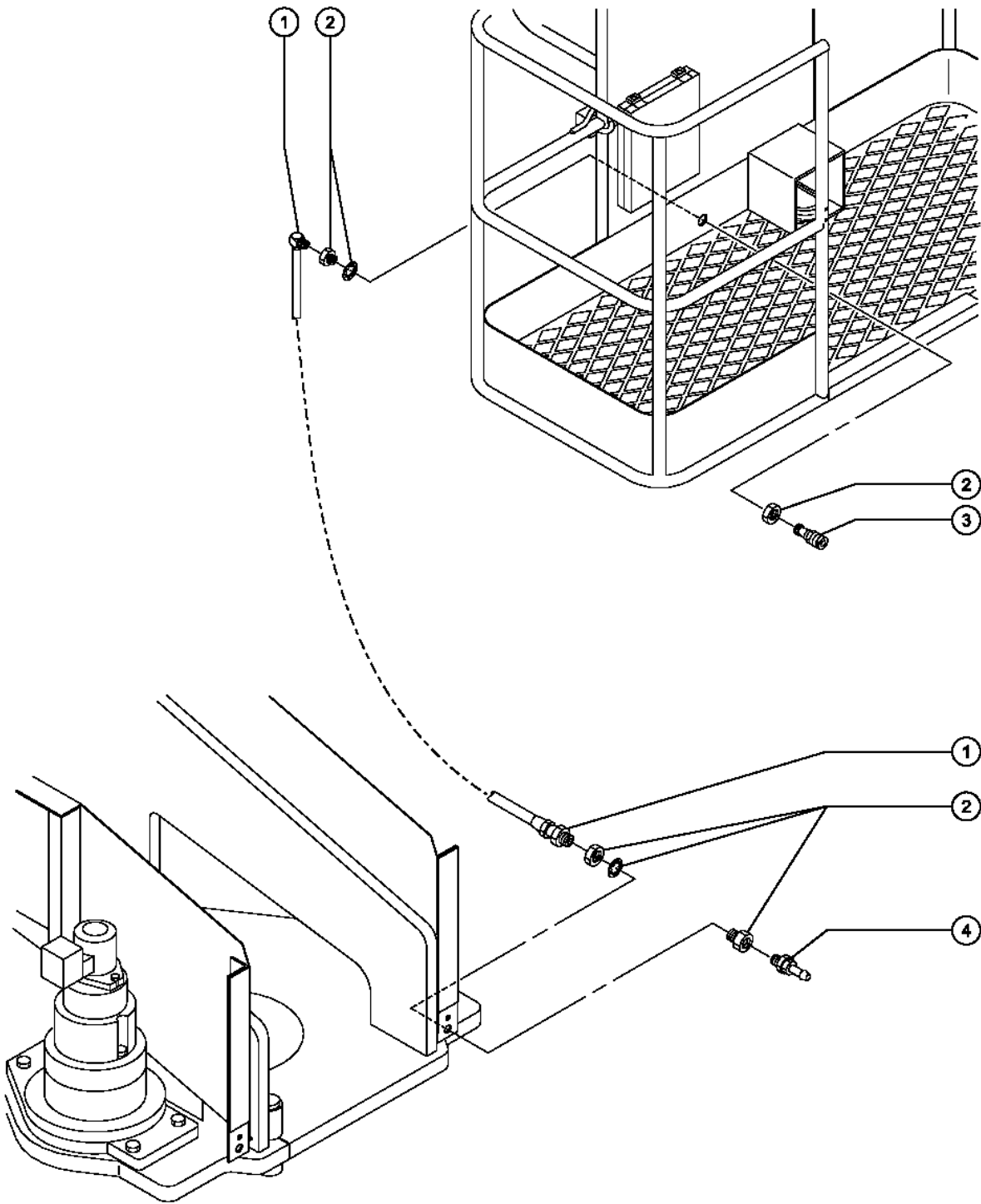
802.1 Platform Options



802.1 Platform Options

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	28856-SGT	PLAT.PINCH GUARD,8',1.3		--	119795GT	KIT,CONTROL BOX COVER <i>includes part 89915P, index number 26 is required for first time installation</i>	
--	34321-SGT	OPTION,WORKLIGHT,12 VOLT					
--	53157-SGT	PINCH GUARD,6'(1.31")SERVICE**		28	43392GT	BUMPER,BATTERY BOX & RAILS	
1	9599-SGT	TOOL TRAY ACCESSORY***.....1	1	29	111526GT	HINGE,PLAT CONTROL BOX COVER	
2	1259704GT	PINCH GUARD RAIL,6' PLATFORM.....1 <i>includes 55753 bumpers</i>	1	30	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	
--	52661GT	PINCH GUARD RAIL,8' PLATFORM**....1 <i>includes 2 each index number 31</i>	1	31	55753GT	BUMPER, PLASTIC, 1.25 O.D.....2	2
3	119797GT	CONTROL BOX COVER, RIGHT SIDE*					
4	139958GT	KIT, AUX TOP RAIL SUPPORT.....10	10				
5	4266GT	SCREW,HHC,1/4-20 X 2.....20	20				
6	6889GT	NUT,LP NYLOCK,1/4-20.....20	20				
7	31120GT	PLUG,NYLON 1.187 BLACK DOMED....4	4				
8	7265GT	RIVET,STEEL,P .25 X .375.....14	14				
9	128368GT	KIT,SWING GATE W/SPRING.....1 <i>includes 2 each index number 7</i>	1				
9A	119950GT	KIT,FIELD INSTALL,SWING GATE <i>includes 128368, 1487, 1488, and 33674</i>					
--	1487GT	GATE LATCH CASTING--DRILLED					
--	1488GT	RAILING CATCH CASTING--DRILLED					
--	33674GT	PIN,LOCK,SHORT***					
--	9596GT	HINGE CASTING					
10	43392GT	BUMPER,BATTERY BOX & RAILS.....1	1				
11	1487GT	GATE LATCH CASTING--DRILLED.....1	1				
12	63311GT	SNAP PIN.....1	1				
13	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*.....1	1				
14	8915GT	SCREW,HHC,1/4-20 X 1.25.....4	4				
15	6638GT	WASHER,FLAT,USS,1/4"Y.....4	4				
16	6091GT	NUT,NYLOCK,1/4-20.....6	6				
17	1488GT	RAILING CATCH CASTING--DRILLED...1	1				
18	107858GT	WORKLIGHT,48 VOLT.....2	2				
18A	35960GT	BULB,WORKLIGHT,12V 35W					
19	6036GT	WASHER,LOCK,.625 PLTD.....1	1				
20	6035GT	WASHER,FLAT,USS,5/8",Y.....1	1				
21	35956GT	BRACKET,WORK LIGHT MOUNT 5/16".....2	2				
22	6145GT	SCREW,HHC,1/4-20 X 1.5.....4	4				
23	6356GT	WASHER, LOCK, .25.....4	4				
24	6090GT	SCREW,HHC,1/4-20 X .75.....2	2				
25	119796GT	CONTROL BOX COVER,LEFT SIDE**					
26	119562PGT	GUARD,PLATFORM CNTRL PANEL PTD					
--	119642GT	KIT,PLAT CONTROL PANEL GUARD** <i>includes part 119562P, required for first time installation</i>					
27	89915PGT	COVER,CONTROL BOX LID					

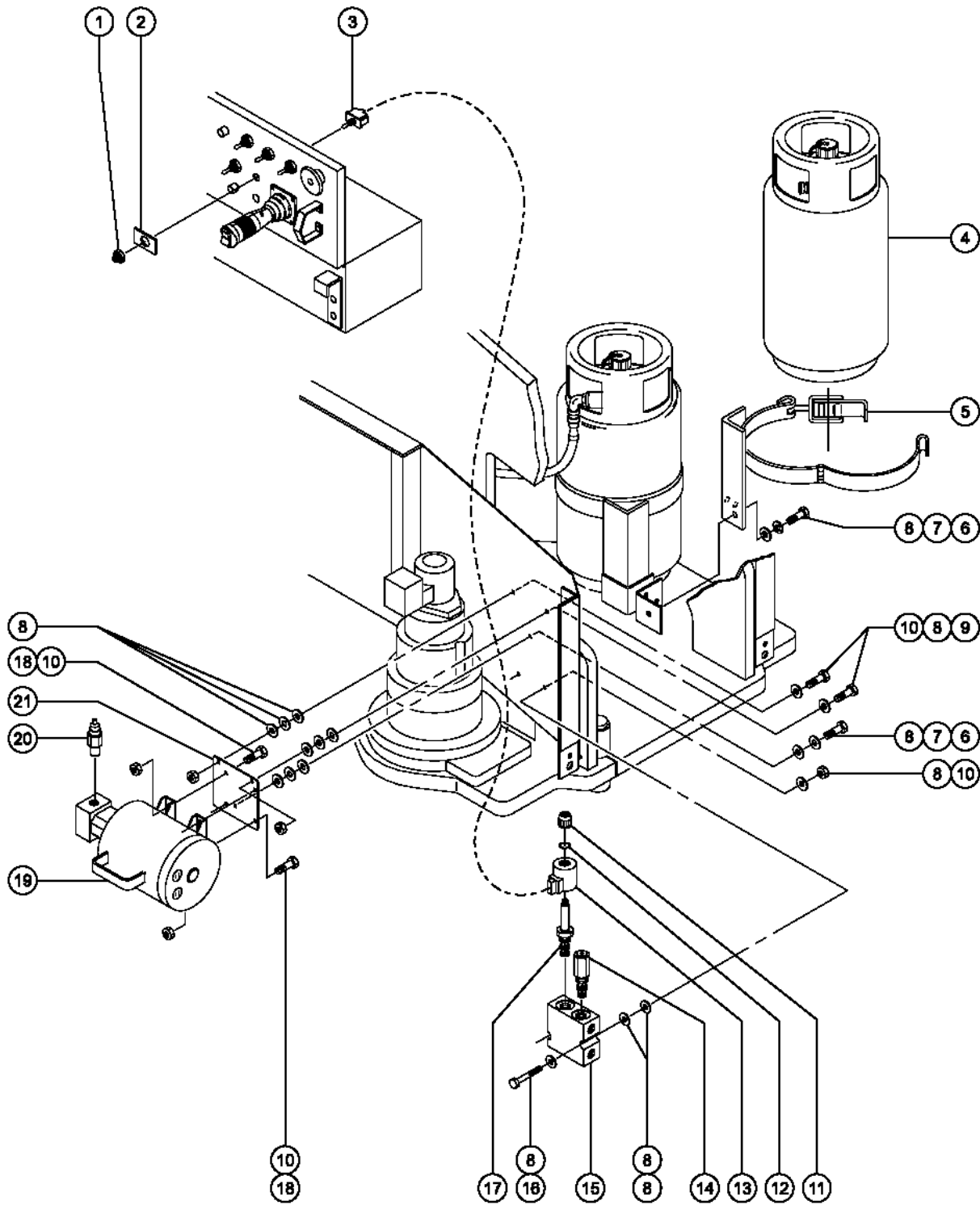
803.1 Air Line to Platform



803.1 Air Line to Platform

Item	Part No.	Description	Qty.
--	77766GT	OPT,AIRLINE TO PLATFORM,S60	
1	49177-10284 GT	HOSE ASSEMBLY,1/2"***.....1	1
2	49212GT	FEMALE BULKHEAD CONNECTOR-8...2	2
3	49215GT	MPT,CPLR,1/4"SER,3/8"X18.....1	1
4	49214GT	MALE PIPE THD,1/4" SER,3/8"X18.....1	1

804.1 Generator and Spare LPG Tank



804.1 Generator and Spare LPG Tank




Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	30630GT	S40,60,80SPARE L.P.TANK W/BRKT.....1		--	52085GT	BRUSH HOLDER ASSY, 2500W GENER	
--	46981GT	GEN S40 2000W SERV OPT		--	52086-RGT	MOTOR -HYD.2500W GENER REFURB.	
1	27246GT	BOOT,TOGGLE SWITCH,SHORT*.....1		--	58402GT	BRIDGE,50A FULL WAVE**	
--	54692GT	SPACER,NYLON,.718 X .526 X.219.....1		--	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
2	32728GT	DECAL,OPTION GENERATOR***.....1		--	58954GT	O-RING,SPACER #115*** for pump	
3	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT*.....1 includes mounting fasteners		--	T111608GT	SEAL,RETAINING RING for pump	
4	53605GT	TANK, LP, 7 GAL.....1 Gasoline/LPG models		--	T111609GT	SEAL,SHAFT for pump	
5	30712GT	LP.TANK BRKT WLDMT.,SHORT.....1 to SN 3385		--	T111610GT	SPACER for pump	
--	53120-SGT	LP.TANK BRACKET TALL WLDMNT.....1 from SN 3386		--	T111611GT	BEARING,MOTOR for pump	
6	6175GT	SCREW,HHC,3/8-16 X 1.....4 Gasoline/LPG models		--	T111612GT	RETAINING RING for pump	
7	6021GT	WASHER, LOCK, .375.....4		--	T111613GT	SHAFT,MOTOR for pump	
8	5397GT	WASHER,FLAT,USS,5/16",Y.....19		19C	94748GT	GENERATOR,2500W,HYD 220/50HZ.....1 includes Index No. 20; from SN 3960	
9	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5.....2		--	32732GT	RECTIFIER ASSEMBLY	
10	4828GT	NUT,NYLOCK,3/8-16.....8		--	52085GT	BRUSH HOLDER ASSY, 2500W GENER	
11	33568GT	NUT, CP521-1 VALVE.....1		--	52086-RGT	MOTOR -HYD.2500W GENER REFURB.	
12	45914GT	O-RING, DO1 VALVE.....1		--	58402GT	BRIDGE,50A FULL WAVE**	
13	27535GT	COIL,12V.DO1 VALVE.....1		19D	111381GT	GEN,HYD,3000W,110V,60HZ.....1 includes Index No. 20	
--	45782GT	DIODE,6 AMP,200 PIV,BULK.....1		--	147836GT	SEAL, GASKET, .00075" *GOLD*	
14	44950GT	VALVE,RELIEF,1500 PSI***.....1		--	147837GT	SEAL, GASKET, .0005" *SILVER*	
15	53976GT	MANIFOLD,GENERATOR.....1 includes Index No's. 11 through 14 and Index No. 17		--	147838GT	SEAL, GASKET, .0010"	
16	8178GT	SCREW,HHC,3/8-16 X 2.5.....4		--	147839GT	ASSM, GEN. ONLY, 110V, 60HZ	
17	19969GT	VALVE,SOLENOID (18660)***.....1 includes Index No's. 11 through 13		--	32732GT	RECTIFIER ASSEMBLY	
18	8516GT	SCREW,HHC,3/8-16 X 1.50,GR5.....2		--	52000GT	BRUSH ASSEMBLY	
19A	58301GT	GENERATOR,2000W,HYDRAULIC***.....1 includes Index No. 20		--	52001GT	HYDRAULIC MOTOR 3000W GENER	
--	32732GT	RECTIFIER ASSEMBLY		--	58402GT	BRIDGE,50A FULL WAVE**	
--	32734GT	BRUSH ASSEMBLY		--	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
--	32736GT	MOTOR,HYDRAULIC GENERATOR		--	58954GT	O-RING,SPACER #115***	
--	58402GT	BRIDGE,50A FULL WAVE**		--	T111608GT	SEAL,RETAINING RING	
19B	36928GT	GENERATOR,2500W HYD.220/50HZ.....1 includes Index No. 20; to SN 3959		--	T111609GT	SEAL,SHAFT	
--	147836GT	SEAL, GASKET, .00075" *GOLD* for pump		--	T111610GT	SPACER	
--	147837GT	SEAL, GASKET, .0005" *SILVER* for pump		--	T111611GT	BEARING,MOTOR	
--	147838GT	SEAL, GASKET, .0010" for pump		--	T111612GT	RETAINING RING	
--	32732GT	RECTIFIER ASSEMBLY		--	T111613GT	SHAFT,MOTOR	
				20	32735GT	VALVE,PRI. FLOW REG 4.3.....1 2500W models; to SN 3959	
				--	65841GT	PRIORITY FLOW CONTROL VALVE***.....1 2500W models and all 3000W models; from SN 3960	

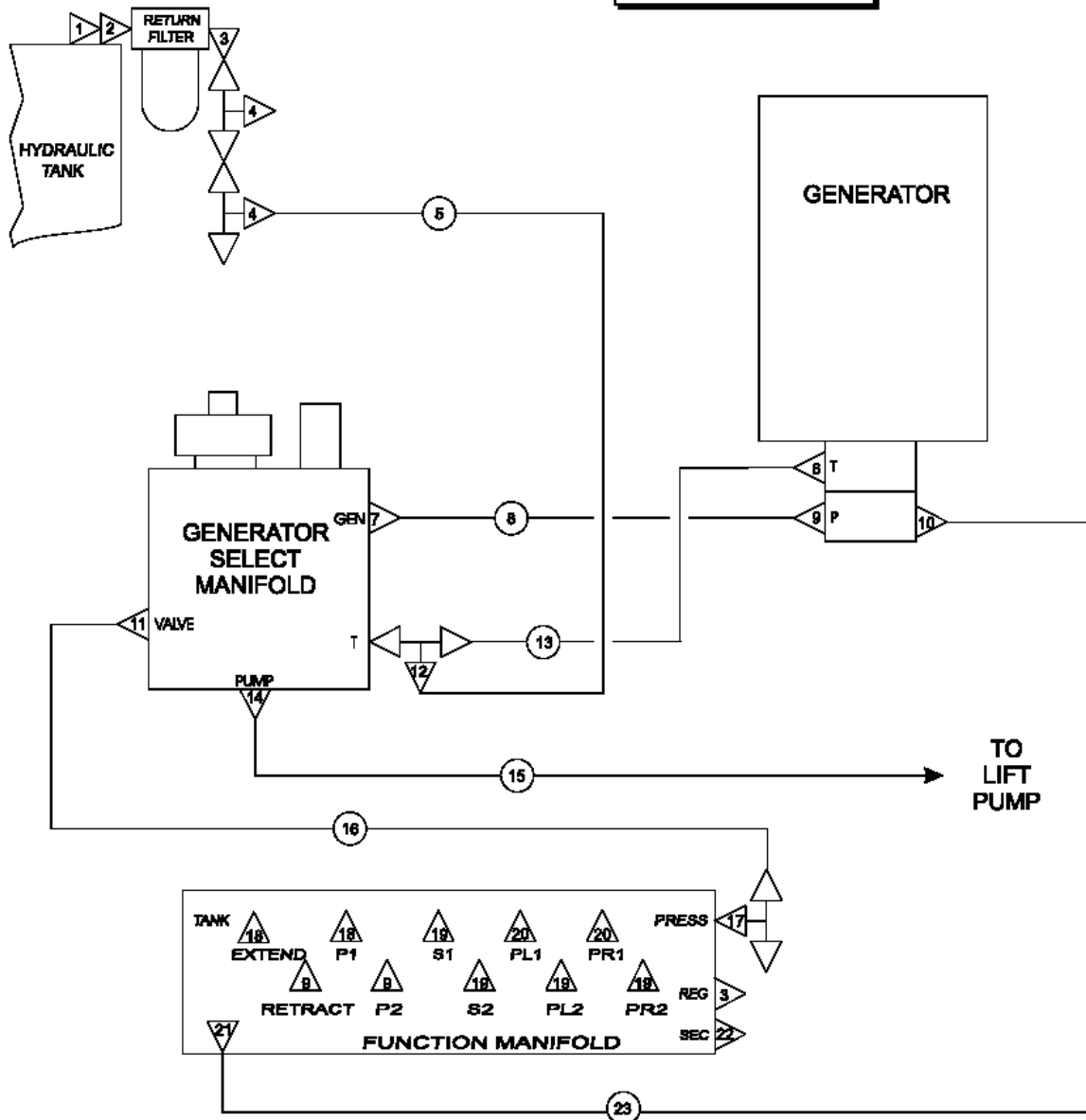
804.1 Generator and Spare LPG Tank
(continued)

Item	Part No.	Description	Qty.
21	34876P-SGT	PLATE,GENERATOR MOUNTING.....1	

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805.1 Hydraulic Hoses and Fittings - Generator Option

LEGEND	
	FITTING
	HOSE ASSEMBLY
	CONNECTOR

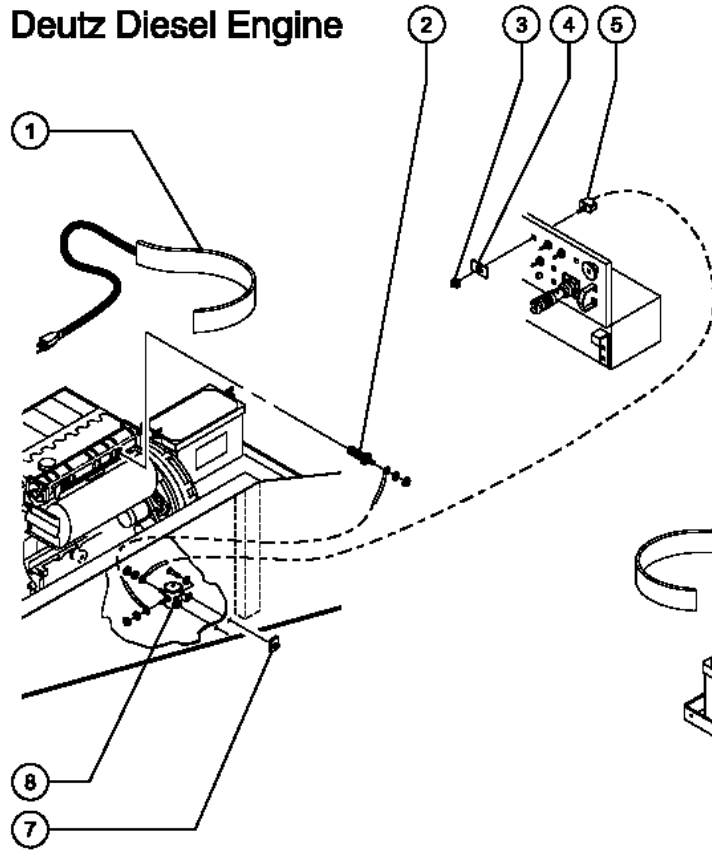


805.1 Hydraulic Hoses and Fittings - Generator Option

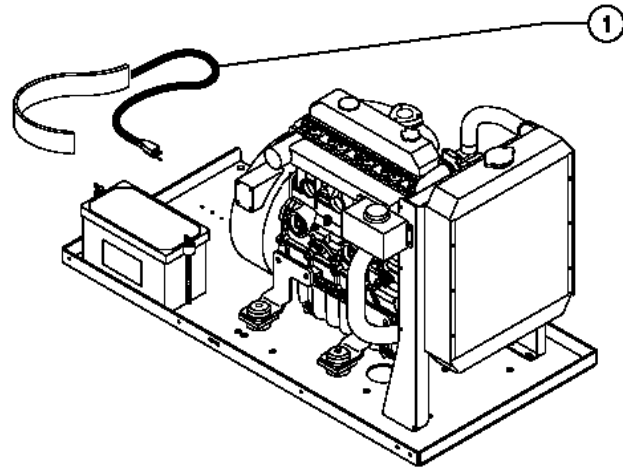
Item	Part No.	Description	Qty.
--	49612GT	O-RING KIT (ORFS FITTINGS)	
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48986GT	CONN,520102-16.....	1
2	49512GT	ELBOW,90DEG,FEM,1"NPT.....	1
3	49515GT	ELBOW,90D,520202-12-16.....	2
4	48964GT	FITTING,TEE,RUN,SWIVEL52043212....	2
5	49142-7062GT	HOSE ASSEMBLY,1/2".....	1
6	49203GT	ELBOW,45D,520320-10-8.....	1
7	48933GT	CONN,520120-8***.....	3
8	49109-2879GT	HOSE ASSY,1/2,90 FEM,STR FEM.....	1
9	48937GT	ELBOW,45D,520320-8.....	3
10	48905GT	CONN,520120-4***.....	1
11	48960GT	FITTING,CONN,520120-12.....	1
12	48935GT	TEE,RUN,520428-8.....	1
13	49172-2988GT	HOSE ASSEMBLY.....	1
14	48958GT	CONN,520120-10-12.....	1
15	49101-7835GT	HOSE ASSEMBLY,5/8".....	1
16	49101-5910GT	HOSE ASSEMBLY, 5/8".....	1
17	48954GT	TEE,BRANCH,520429-10.....	1
18	48934GT	CONN,LONG,520122-8.....	2
19	48916GT	FITTING,CONN,520120-6.....	4
20	48917GT	CONN,LONG,520122-6.....	2
21	48912GT	CONN,520120-4-6***.....	1
22	48930GT	CONN,520120-6-8.....	1
23	49117-3391GT	HOSE ASSY,1/4,90 FEM,STR FEM.....	1

806.1 Cold Start Package

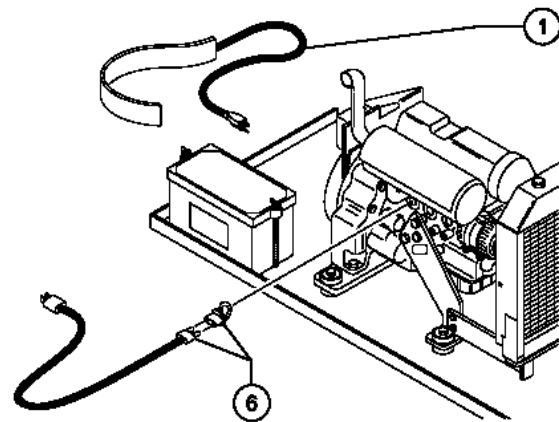
Deutz Diesel Engine



Perkins Diesel Engine



Ford Gasoline/LPG Engine

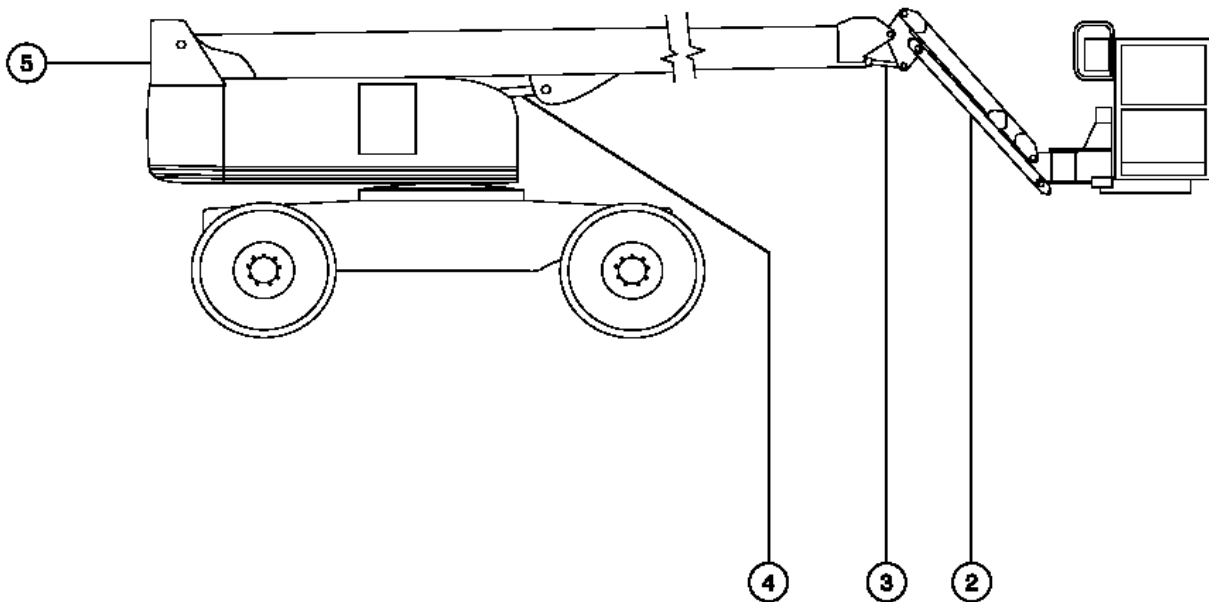
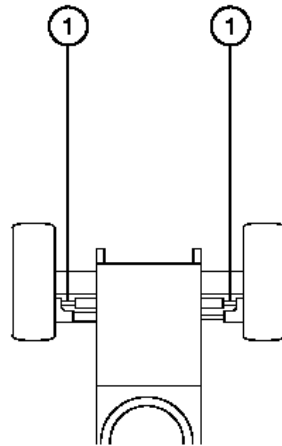
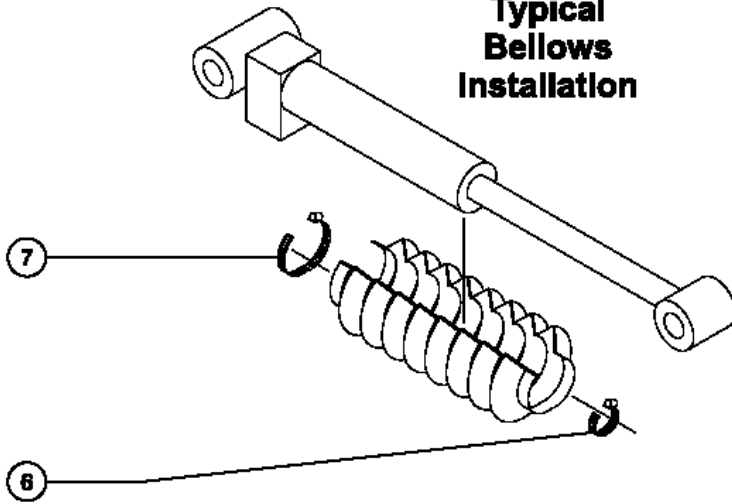


806.1 Cold Start Package

Item	Part No.	Description	Qty.
--	53156GT	COLD START,FORD, BIG BOOM	
--	53159-SGT	COLD START PKG,DEUTZ,BIG BOOM	
--	53982GT	COLD START PKG,PERKINS,BB	
1	28853GT	BLANKET,BATTERY.....	2
2	31408GT	GLOW PLUG,L1011..... <i>Deutz Diesel models</i>	1
3	27246GT	BOOT,TOGGLE SWITCH,SHORT*..... <i>Deutz Diesel models</i>	1
4	32726GT	DECAL,OPTION GLOW PLUGS*** <i>Deutz Diesel models</i>	1
5	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*..... <i>includes mounting fasteners; Deutz Diesel models</i>	1
--	54692GT	SPACER,NYLON,.718 X .526 X.219.....	1
6	35610GT	HEATER,FREEZE PLUG,FORD LRG423..... <i>Gasoline/LPG models</i>	1
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.5, ZAG..... <i>Deutz Diesel models</i>	2
8	53967GT	SOLENOID,12V CONTINUOUS..... <i>Deutz Diesel models</i>	1

807.1 Hostile Environment Package, Bellows and Cylinders

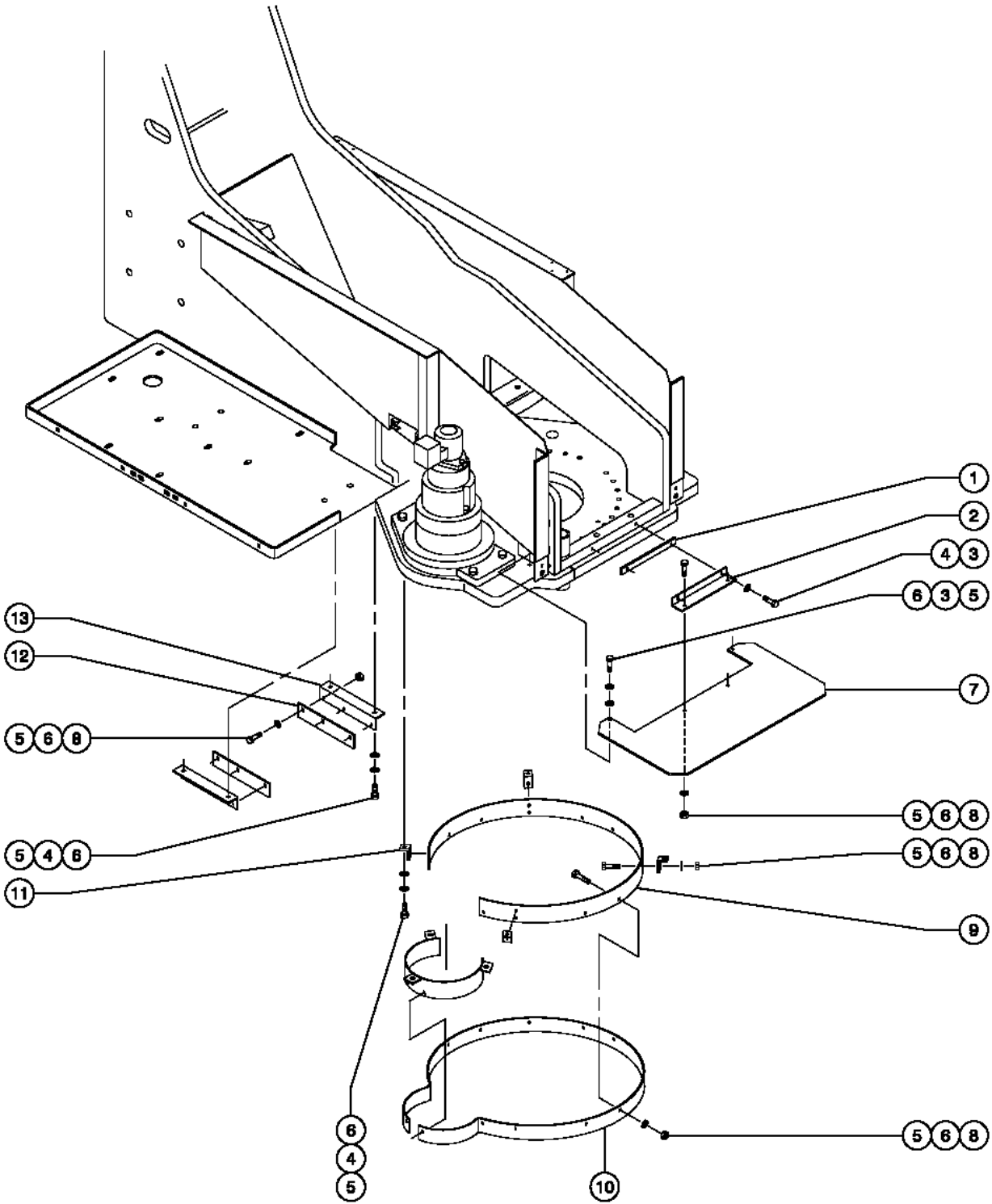
**Typical
Bellows
Installation**



807.1 Hostile Environment Package, Bellows and Cylinders

Item	Part No.	Description	Qty.
--	34508GT	COVER,PROTECTIVE,OSC.CYLINDER.2	
--	35433GT	S60 HOSTILE ENVIRONMENT,OSC	
--	53616GT	S60 DELUXE HOSTILE ENVIRONMENT	
1	34507GT	COVER,PROTECTIVE,STEER CYL.....2	
2	34505GT	COVER,PROTECTIVE,JIB CYLINDER...1	
3	34503GT	COVER,PROTECTIVE,SLAVE W/JIB.....1	
4	38067GT	COVER,PROTECTIVE,LIFT CYLINDER.....1	
5	34501GT	COVER,PROTECTIVE,MASTER W/JIB.....1	
6	36208GT	CLAMP,HOSE,1.25***5	
--	30489GT	CLAMP,HOSE,3.50.....1	
7	30971GT	CLAMP,HOSE,3.00".....5	
--	31523GT	CLAMP,HOSE,8.50 DIA***1	

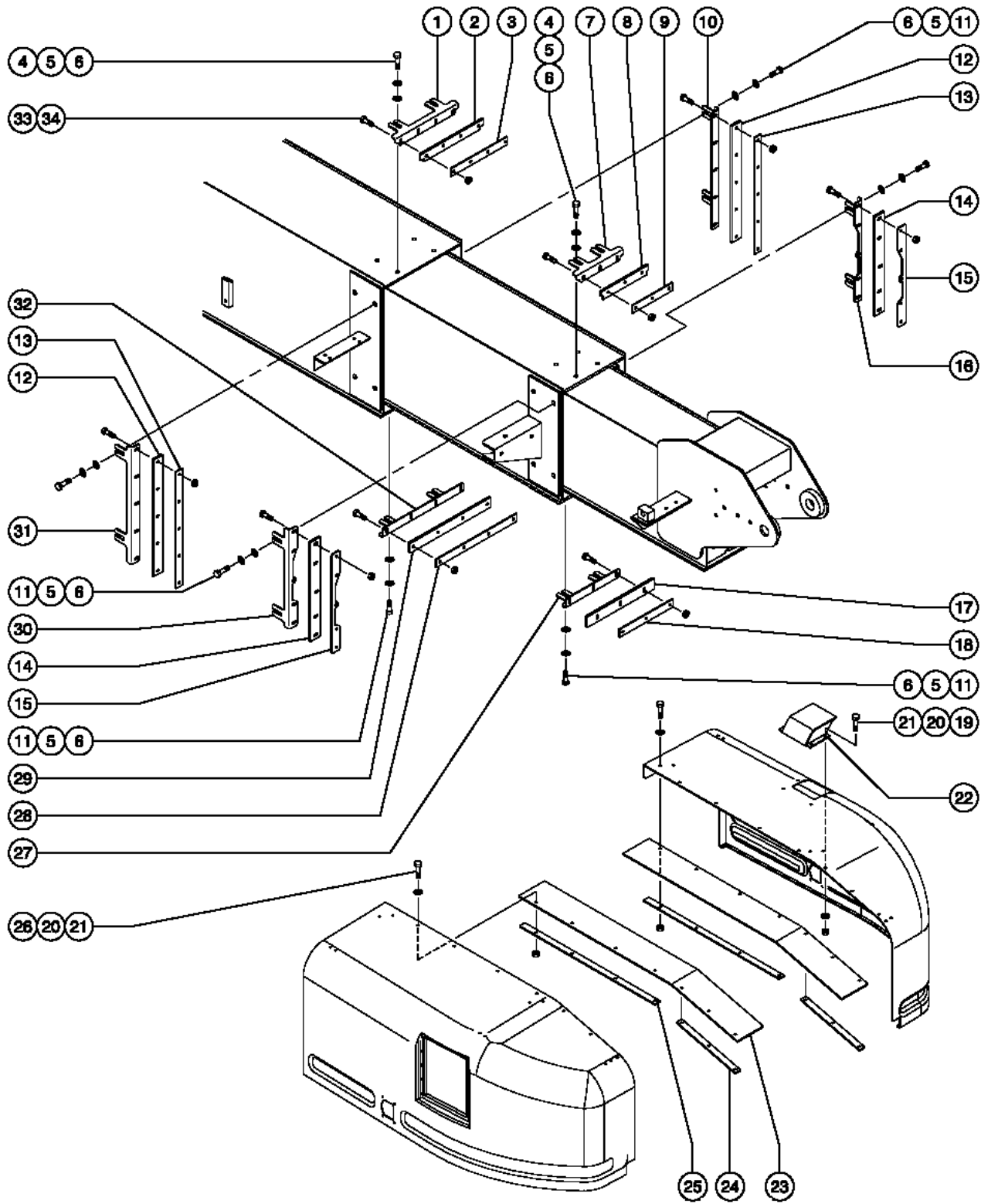
808.1 Hostile Environment Package, Turntable



808.1 Hostile Environment Package, Turntable

Item	Part No.	Description	Qty.
1	35424PGT	FLATBAR,CHASSIS SPACER BLUE.....1	
2	35423PGT	ANGLE,FRONT CHASSIS GUARD BLUE.....1	
3	6888GT	SCREW,HHC,1/4-20 X 1.....2	
4	6356GT	WASHER, LOCK, .25.....8	
5	6090GT	SCREW,HHC,1/4-20 X .75.....31	
6	6638GT	WASHER,FLAT,USS,1/4"Y.....31	
7	34992PGT	PLATE,FRONT CHASSIS GUARD,BLUE.....1	
8	6091GT	NUT,NYLOCK,1/4-20.....21	
9	35419PGT	BRACKET,RING GUARD.....1	
10	35421GT	WIPER,RING GEAR.....1	
11	81062PGT	ANGLE,RING GUARD *PAINTED.....4	
12	53633GT	WIPER, RING GEAR.....2	
13	35420PGT	BRACKET,RING GUARD MTG.BLUE.....2	

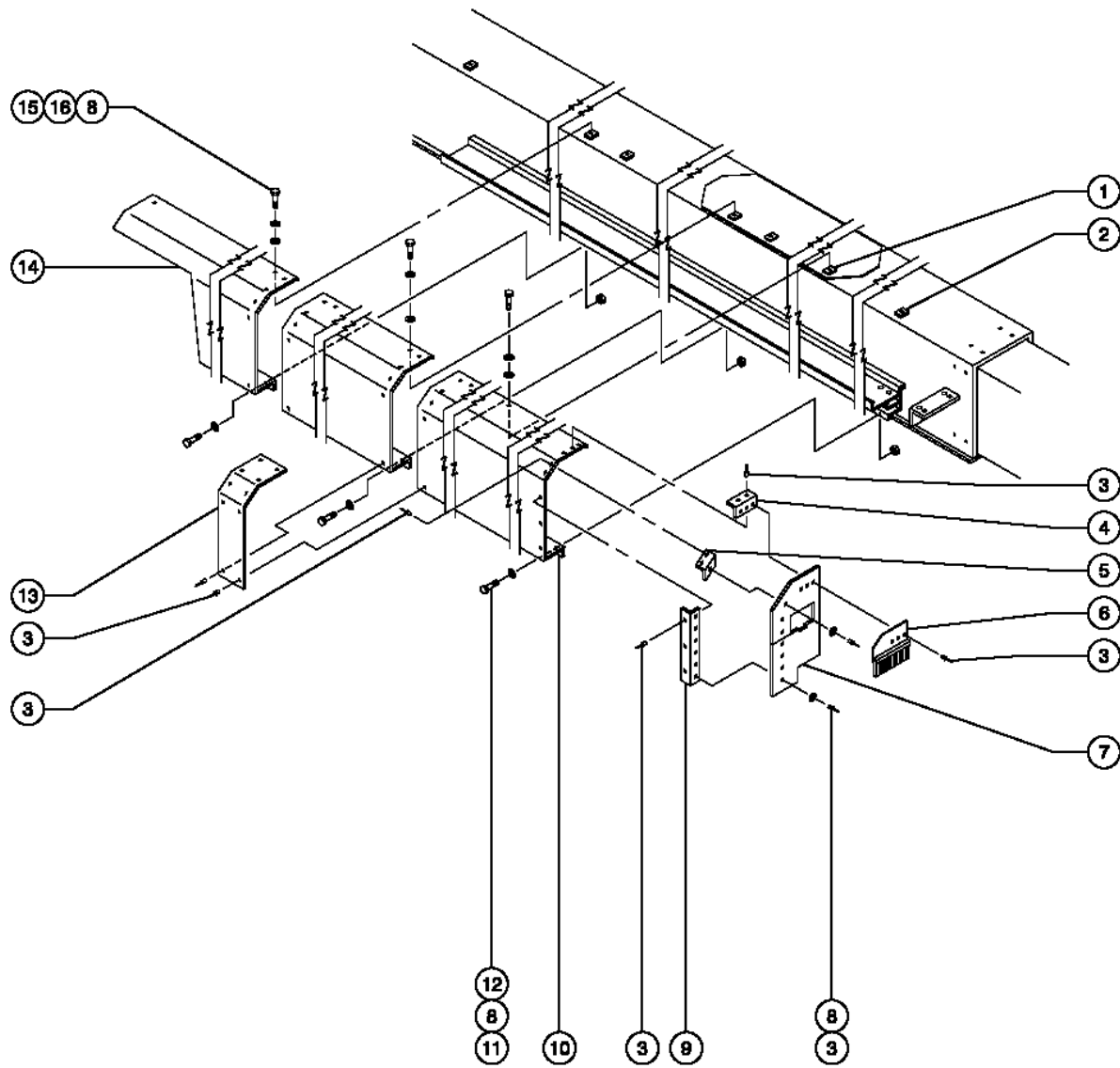
809.1 Hostile Environment Package, Boom and Turntable Covers



809.1 Hostile Environment Package, Boom and Turntable Covers

Item	Part No.	Description	Qty.
1	63179PGT	WIPER BRACKET, PNTD.....	1
2	63171GT	WIPER.....	1
3	63172PGT	BACKING PLATE, PNTD.....	1
4	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5.....	4
5	6021GT	WASHER, LOCK, .375.....	16
6	5397GT	WASHER,FLAT,USS,5/16",Y.....	16
7	63135PGT	WIPER BRACKET, PNTD.....	1
8	63174GT	WIPER.....	1
9	63168PGT	BACKING PLATE, PAINTED.....	1
10	63143PGT	WIPER BRACKET, PNTD.....	1
11	8516GT	SCREW,HHC,3/8-16 X 1.50,GR5.....	12
12	63144GT	WIPER.....	2
13	63170PGT	BACKING PLATE, PNTD.....	2
14	63138GT	WIPER.....	2
15	63167PGT	BACKING PLATE, PNTD.....	2
16	63176PGT	WIPER BRACKET, PNTD.....	1
17	63136GT	WIPER.....	1
18	63175PGT	BACKING PLATE, PNTD.....	1
19	6145GT	SCREW,HHC,1/4-20 X 1.5.....	4
20	6638GT	WASHER,FLAT,USS,1/4"Y.....	4
21	6091GT	NUT,NYLOCK,1/4-20.....	4
22	34359-SGT	EXHAUST HOOD WELDMENT.....	1
23	34381GT	FLAP,SWING CHASSIS COVER.....	2
24	34389PGT	BAR,FLAP REINFORCING 23" BLUE....	2
25	34388PGT	BAR,FLAP REINFORCING 37.5 BLUE...2	2
26	6888GT	SCREW,HHC,1/4-20 X 1.....	14
27	63177PGT	WIPER BRACKET, PNTD.....	1
28	63182PGT	BACKING PLATE, PNTD.....	1
29	63181GT	WIPER.....	1
30	63137PGT	WIPER BRACKET, PNTD.....	1
31	63180PGT	WIPER BRACKET, PNTD.....	1
32	63141PGT	WIPER BRACKET, PNTD.....	1
33	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2.....	34
34	6889GT	NUT,LP NYLOCK,1/4-20.....	34

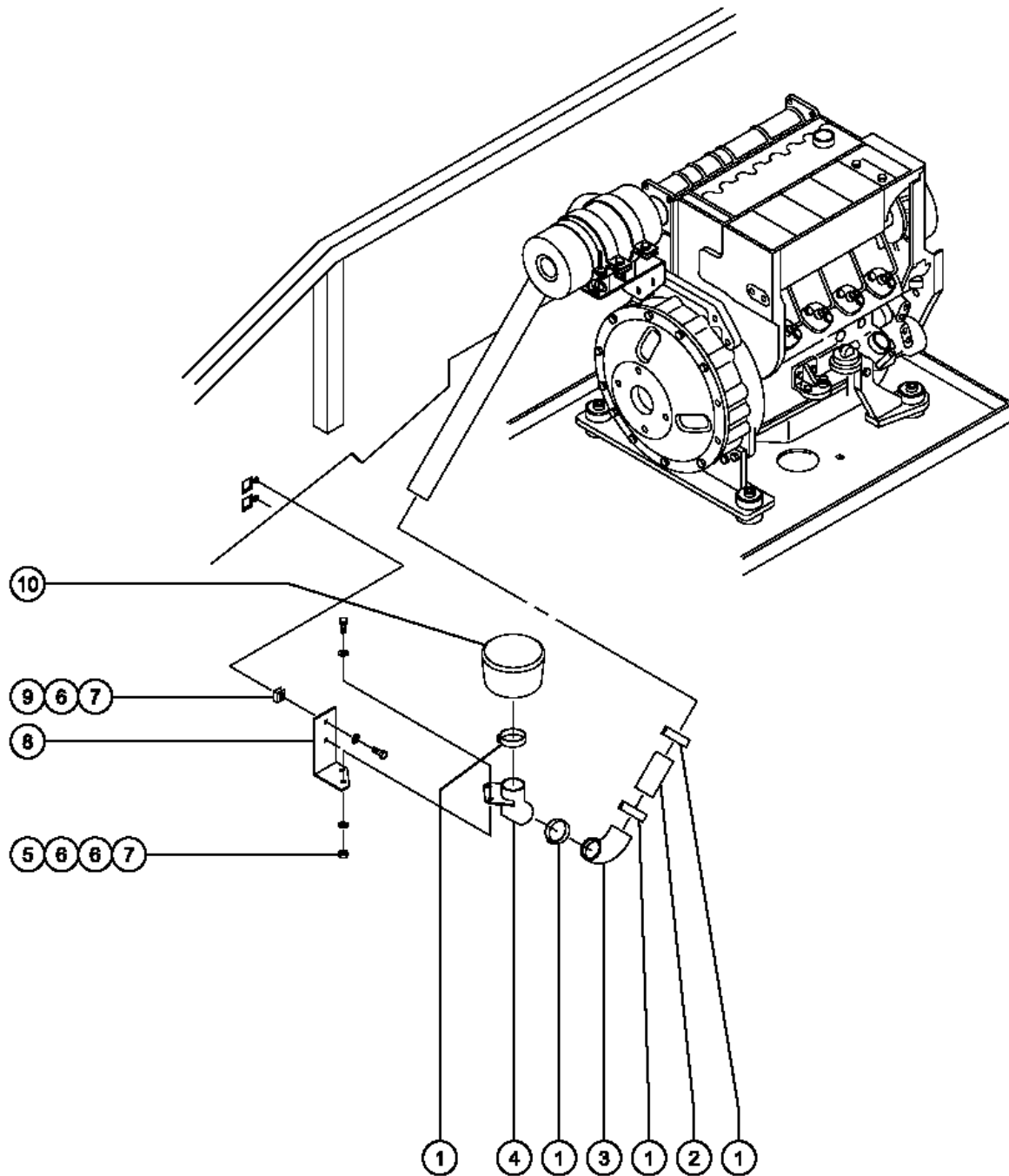
810.1 Hostile Environment Package, Cable Track



810.1 Hostile Environment Package, Cable Track

Item	Part No.	Description	Qty.
1	49626GT	BOLT PAD,CBL.TRK.CVR.,.50**.....	2
2	49625GT	BOLT PAD,CBL.TRK.CVR.,.75**.....	8
3	12037GT	RIVET,STL,STL,P,.25 X .5.....	27
4	53144GT	BRACKET,CBL TRK GASKET,S60/80.....	1
5	53145GT	BRACKET,CBL TRK GASKET,S60/80.....	1
6	53146GT	BRUSH,CABLE TRACK COVER, 6.69....	1
7	49624GT	END COVER GASKET,CBLE TRCK CVR.....	1
8	6638GT	WASHER,FLAT,USS,1/4"Y.....	17
9	53143GT	BRACKET, CABLE TRACK GASKET.....	1
10	53040GT	COVER, CABLE TRACK, 106.00".....	1
11	6090GT	SCREW,HHC,1/4-20 X .75.....	4
12	6889GT	NUT,LP NYLOCK,1/4-20.....	4
13	49623GT	JOINT COVER,CABLE TRACK.....	1
14	53039GT	COVER, CABLE TRACK, 102.00".....	1
15	8914GT	SCREW, HHC, 1/4-20 X .625.....	10
16	6356GT	WASHER, LOCK, .25.....	10

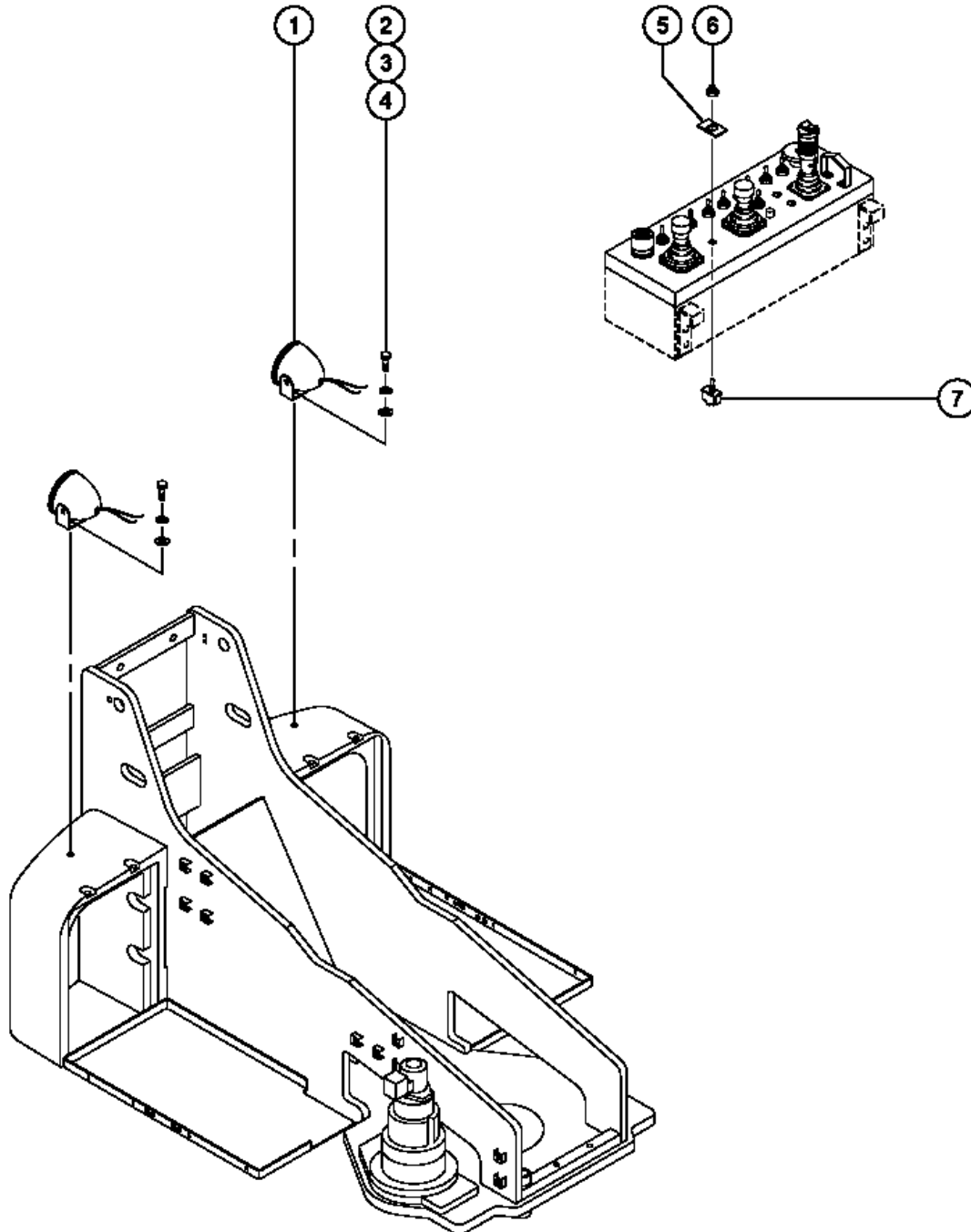
811.1 Hostile Environment Package, Engine



811.1 Hostile Environment Package, Engine

Item	Part No.	Description	Qty.
--	102007GT	OPT,PRECLEANER,PERKINS,S40	
--	36873GT	S60,80 HOSTILE ENVIRONMT,DEUTZ	
1	30971GT	CLAMP,HOSE,3.00".....	4
2	35067-800GT	TUBE,RD,ALUM 2.5 X .083..... <i>Deutz models</i>	1
--	35067-300GT	TUBE,RD,ALUM 2.5 X .083 X 3.00..... <i>Perkins models</i>	1
3	34164GT	ELBOW,90 DEGR,RUBBER,2.5" I.D.*.....	1
4	34526GT	WELDMENT,PRECLEANER MOUNT..... <i>Deutz models</i>	1
4	34894GT	WELDMENT,AIR CLEANER..... <i>Perkins models</i>	1
5	4828GT	NUT,NYLOCK,3/8-16.....	2
6	6097GT	WASHER,FLAT,USS,3/8",Y.....	6
7	6175GT	SCREW,HHC,3/8-16 X 1.....	4
8	53129GT	BRACKET, PRE-FILTER..... <i>Deutz models</i>	1
--	63633PGT	BRKT, PREFILTER ADAPTER PAINTD..... <i>Perkins models</i>	1
9	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG....	2
10	34959GT	PRECLEANER,AIR INTAKE***.....	1

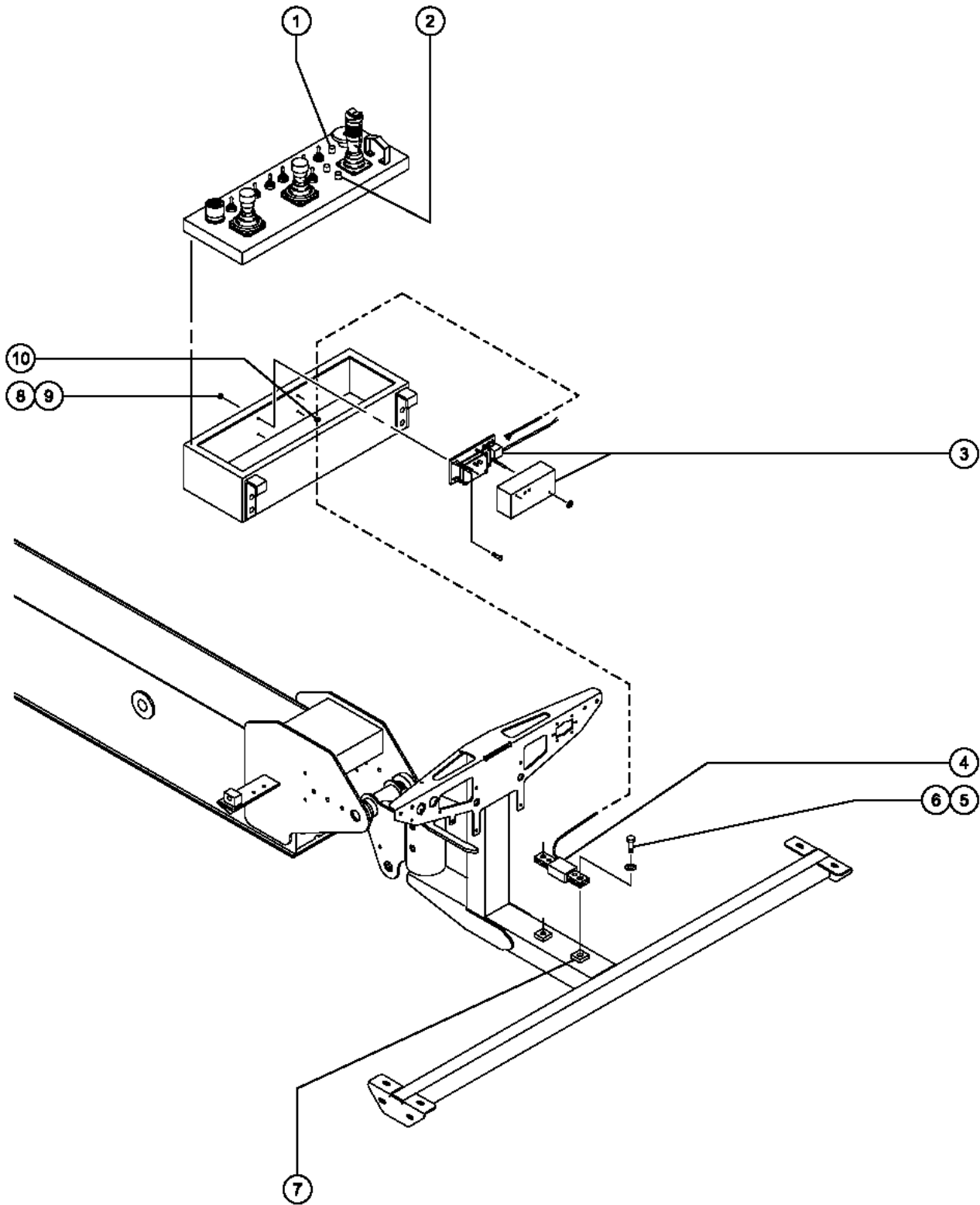
812.1 Drive Light Option



812.1 Drive Light Option

Item	Part No.	Description	Qty.
1	107857GT	LIGHT, 12 VOLT.....	2
2	8255GT	SCREW, HHC, 3/8-16 X .75.....	2
3	6021GT	WASHER, LOCK, .375.....	2
4	5397GT	WASHER, FLAT, USS, 5/16", Y.....	2
5	72867GT	DECAL, LABEL, LIGHTS***.....	1
6	27246GT	BOOT, TOGGLE SWITCH, SHORT*.....	1
7	27378-SGT	SWITCH, TOGGLE, DPDT, 2POS MAINT*.....	1

813.1 Load Sensor Option



813.1 Load Sensor Option

Item	Part No.	Description	Qty.
--	46242FRGT	DECAL, LABEL, LOAD SENSOR	
1A	824879GT	LIGHT,LED IND. RED 12V NH.....1 <i>Diesel models</i>	
1B	45384GT	PLUG,NYLON .50 BLACK DOMED.....1 <i>Gasoline/LPG models</i>	
2A	824879GT	LIGHT,LED IND. RED 12V NH.....1 <i>Gasoline/LPG models</i>	
2B	45384GT	PLUG,NYLON .50 BLACK DOMED.....1 <i>Diesel models</i>	
3		Ref. MODULE,LOAD SENSE,W/12V RELAY.....1 <i>(Component no longer available)</i>	
4	56765GT	LOAD CELL BENDING TYPE.....1	
5	8255GT	SCREW, HHC, 3/8-16 X .75.....2	
6	57201GT	WASHER,FLAT,313, HARDENED.....2	
7	63397GT	BLOCK,LOAD SENSOR.....2	
8	12344GT	NUT,NYLOCK,6-32.....4	
9	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5.....4	
10	42646GT	GROMMET,RUBBER .25 X .50"OD.....1	

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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
48771	881-10	HOSE,5/8 INCH ID
48772	381-4	HOSE,1/4 INCH ID
48773	AS-B-13	SLEEVE,NYLON,.86" ID
48800	1JC43-4-4	HOSE END,FEMALE SWIVEL,SEAL LOK
48801	1J743-4-4	HOSE END,45° FEMALE SWIVEL,SEAL LOK
48802	1J943-4-4	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48804	1JM43-4-4	HOSE END,MALE,SEAL LOK, NO O-RING
48805	10643-4-4	HOSE END,FEMALE SWIVEL,JIC
48806	13943-4-4	HOSE END,90° FEMALE SWIVEL,JIC
48807	1JS43-4-4	HOSE END,FEMALE SWIVEL,SEAL LOK
48808	3JC82-8-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48809	3JC82-12-12	HOSE END,FEMALE SWIVEL,SEAL LOK
48810	1JC43-6-4	HOSE END,FEMALE SWIVEL,SEAL LOK
48811	1J943-6-4	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48812	1JC43-6-6	HOSE END,FEMALE SWIVEL,SEAL LOK
48813	1J143-6-6	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48814	1J543-6-6	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48815	1J743-6-6	HOSE END,45° FEMALE SWIVEL,SEAL LOK
48816	1J943-6-6	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48817	1JS43-6-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48818	1J943-8-4	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48819	1JC43-8-6	HOSE END,FEMALE SWIVEL,SEAL LOK
48820	1J743-8-6	HOSE END,45° FEMALE SWIVEL,SEAL LOK
48821	1J943-8-6	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48822	1JC43-8-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48823	1JS43-8-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48824	1J143-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48825	1J543-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48826	1J743-8-8	HOSE END,45° FEMALE SWIVEL,SEAL LOK
48827	1J943-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48828	1JC43-10-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48829	1JS43-10-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48830	1J743-10-8	HOSE END,45° FEMALE SWIVEL,SEAL LOK
48831	1J943-10-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48833	1JC43-10-10	HOSE END,FEMALE SWIVEL,SEAL LOK
48834	1J943-10-10	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48835	1JS43-10-12	HOSE END,FEMALE SWIVEL,SEAL LOK
48836	1JC43-12-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48837	1JS43-12-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48838	1J743-12-8	HOSE END,45° FEMALE SWIVEL,SEAL LOK
48839	1J943-12-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48840	1J943-12-10	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48841	1JC43-12-12	HOSE END,FEMALE SWIVEL,SEAL LOK
48842	1JO43-12-12	HOSE END,MALE,SEAL LOK
48843	1J143-12-12	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48844	1J543-12-12	HOSE END,90° FEMALE SWIVEL,SEAL LOK
48845	1J743-12-12	HOSE END,45° FEMALE SWIVEL,SEAL LOK
48846	1J943-12-12	HOSE END,90° FEMALE SWIVEL,SEAL LOK

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

Fitting Cross References (Continued)

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

Fitting Cross References (Continued)

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

Fitting Cross References (Continued)

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

Fitting Cross References (Continued)

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

Fitting Cross References (Continued)

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

California Proposition 65

Warning

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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