A TEREX BRAND

Parts Manual

Serial Number Range

S-60
S-65

from SN 2575 to 9153

Part No. 48411GT
Rev: G.44
September 2023

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, Seventh Printing

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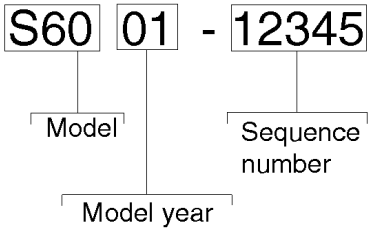
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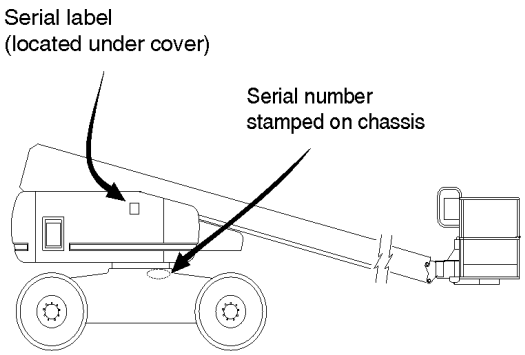
A TEREX BRAND

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 platfrm occupants: 2
Maximum allowable side force : 150 lb / 670 N
Maximum allowable inclination of the chassis:
Air Tires 2 deg / Foam Tires 4.5 deg
Maximum wind speed : 28 mph/ 12.5 m/s
Maximum platform height : 60 ft 2 in/ 18.3 m
Maximum platform reach : 50 ft 4 in/ 15.3 m
Gradeability: 45%
Country of manufacture: USA
This machine complies with:
ANSI A92.5
CAN B.354.4

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





How to Order Parts

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

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

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

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

Machine Information

_____

Model

_____

Serial Number

_____

Date of Purchase

_____

Authorized Genie Distributor

_____

Phone Number

North America

Telephone (425)881-1800

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

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

http://genielift.com/en

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

http://genielift.co.uk

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

http://genielift.com.sg/

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

http://genielift.com.au

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

How To Use This List

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

TEREX CORPORATION

Service Parts Fax Order Form

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

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

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

Optional Equipment _____

Part Number	Description	Quantity	Price

All back-ordered parts will be shipped when available via the same ship method as the original order unless Noted below:

- ☐ Ship complete order only - No back orders
- ☐ Ship all available parts and contact customer on disposition of back-ordered parts
- ☐ Other (please specify)

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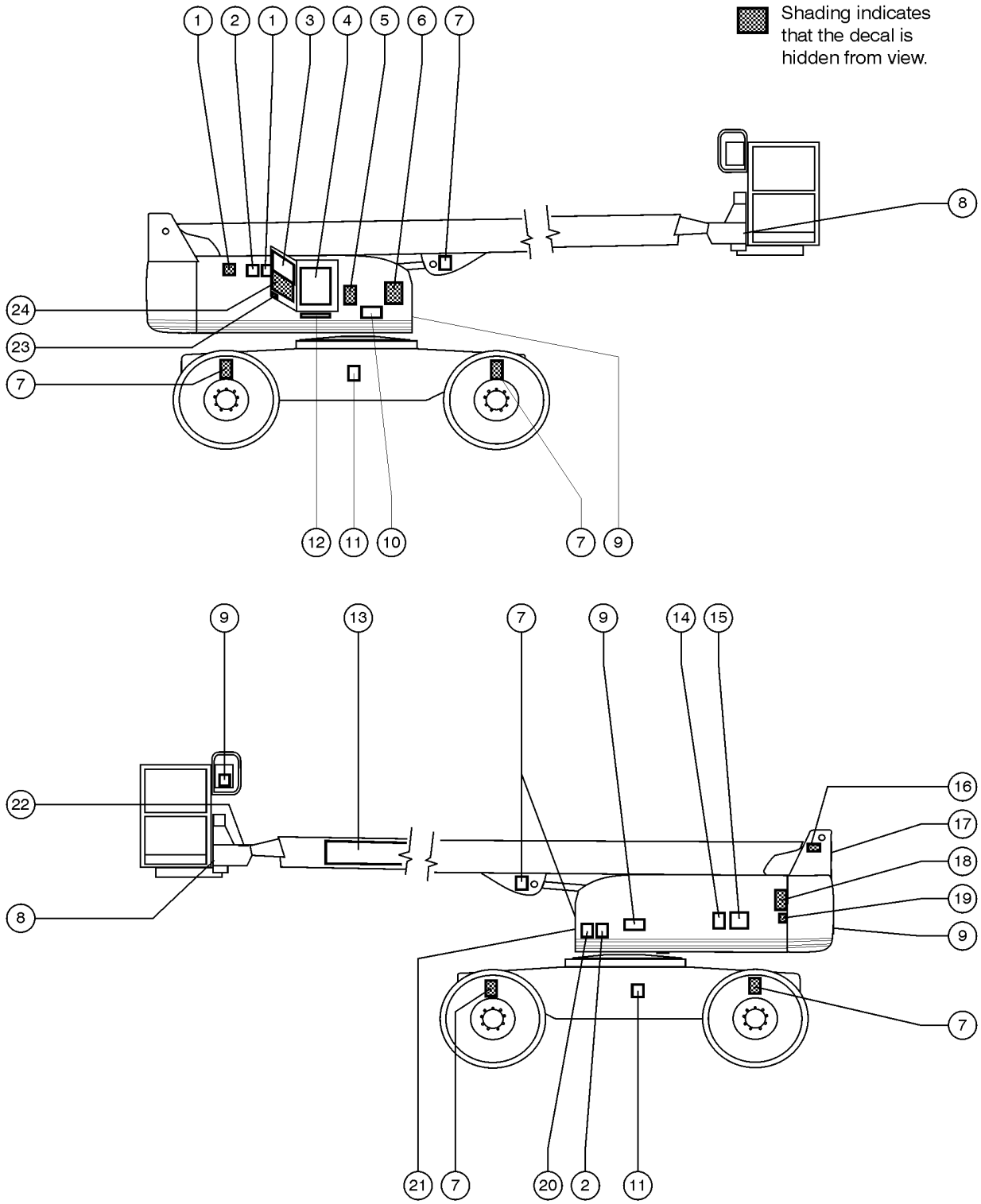
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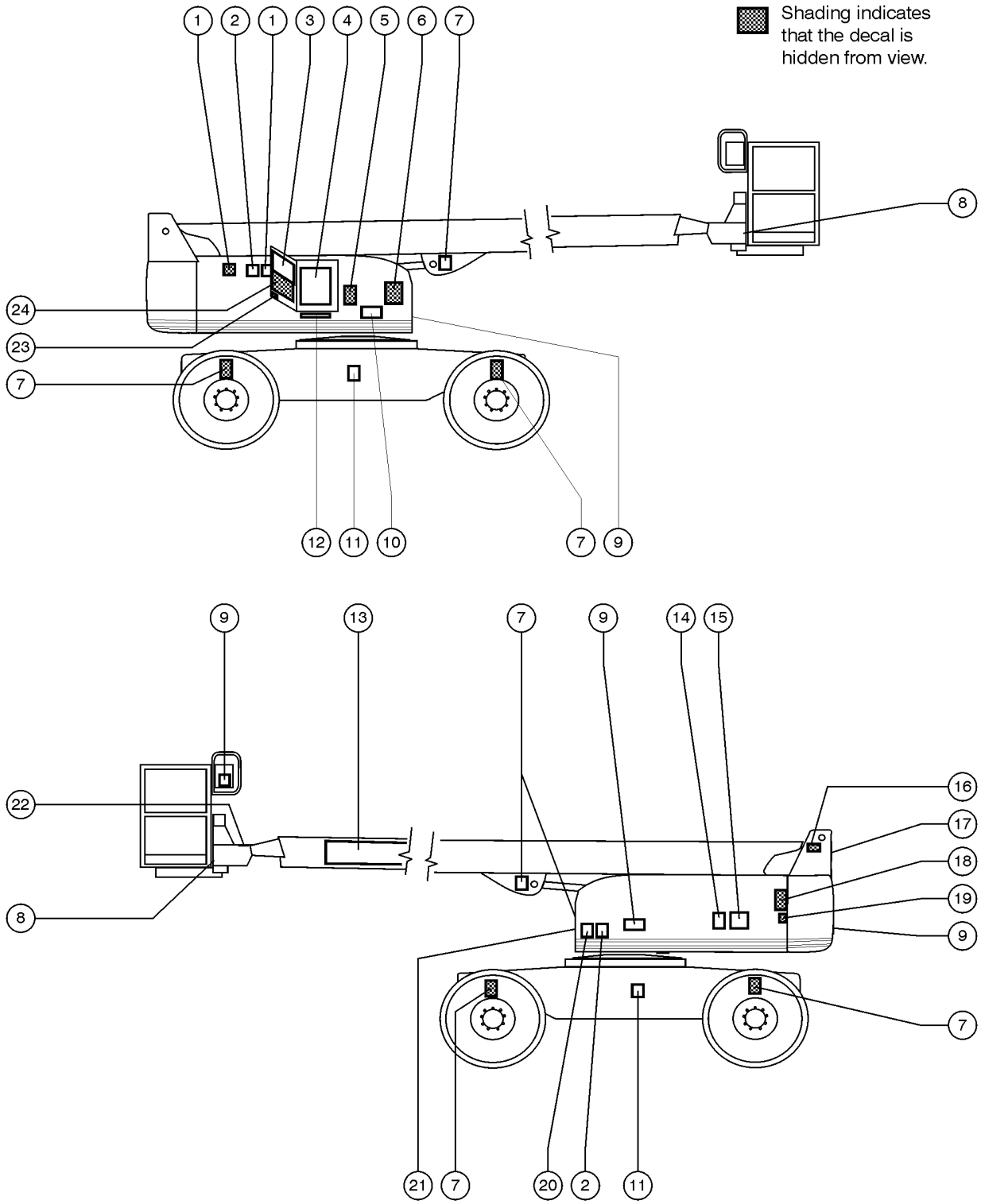
101.1 Decals and Paint - View 1, S-60



101.1 Decals and Paint - View 1, S-60

Item	Part No.	Description	Qty.
A-	1279574GT	DECAL KIT,PLAT,S40/60/80,WORD for SN 2575 to 9153	
	52056GT	DECAL KIT,INSTR,S60/65 GAS*** Gasoline/LPG Models; kit does not include Index No's. 4, 6, 9, 13, 17, 18, 19, 21 and 23	
	46200GT	DECAL KIT,INSTRUCT,S60/65 DSL Diesel Models; kit does not include Index No's. 4, 6, 9, 13, 17, 18, 20, 21 and 23	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	2
1-	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** to SN 6829	1
4-	72160GT	DECAL,GND CONT PNL,S45/S60/80 from SN 6830	1
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
9-	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
14	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
15	28175GT	DECAL,WARNING-COMPART ACCESS	1
16	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
17	62077GT	DECAL,COSMETIC,S60	1
18	49741GT	DECAL,NOTICE,FORD EFI ENG SPEC	1

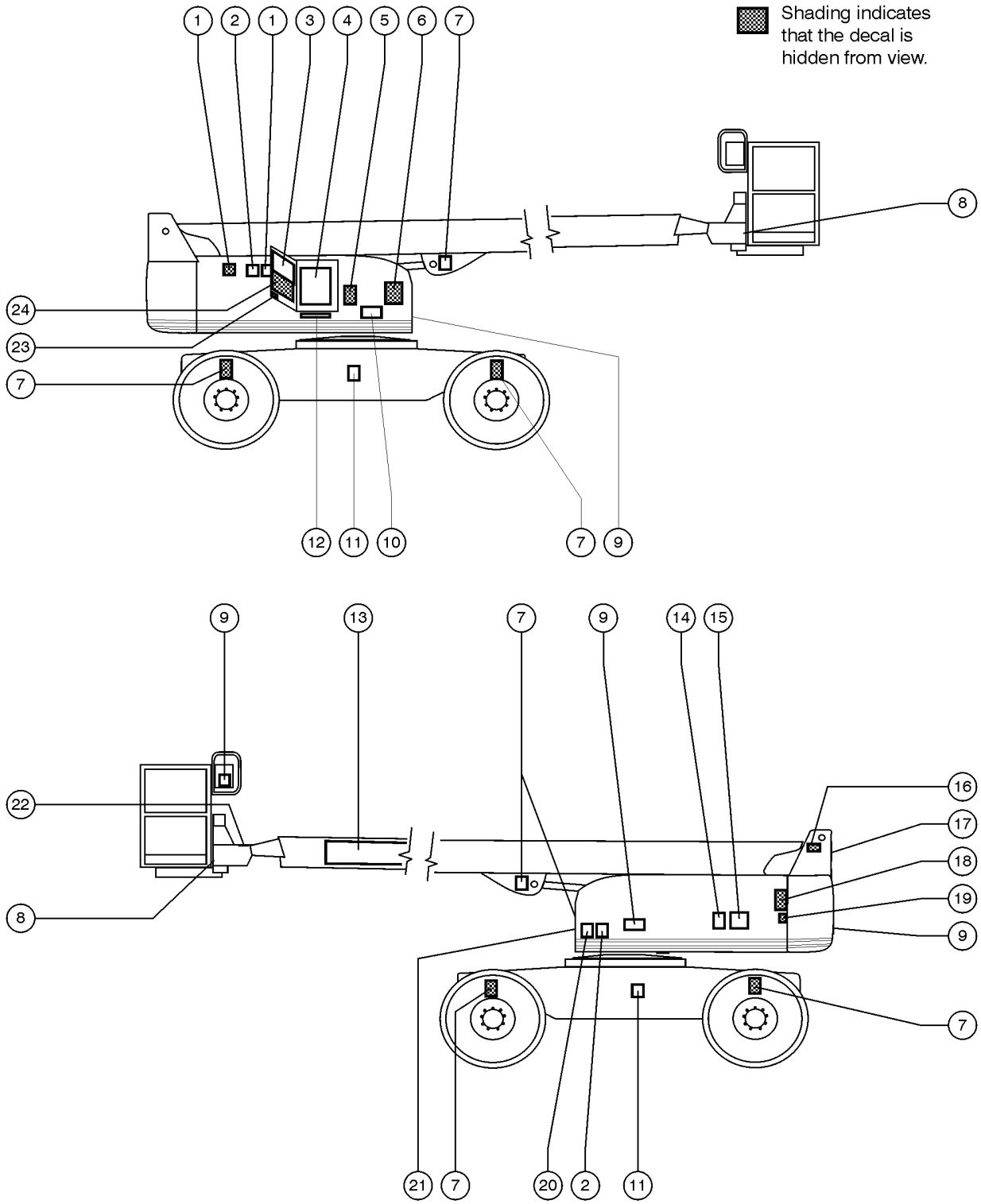
101.1 Decals and Paint - View 1, S-60



101.1 Decals and Paint - View 1, S-60

Item	*Part No.*	*Description*	*Qty.*
18-	53037GT	DECAL,NOTICE,DEUTZ ENG SPEC	1
18-	82644GT	DECAL, ENGINE SPEC, PERKINS	1
19	35599GT	DECAL,NOTICE,AIR INLET*** Diesel Models	1
20	28160GT	DECAL,LABEL,LIQUID PROPANE	1
21	44981GT	DECAL LABEL AIRLINE 110PSI	2
22	28181GT	DECAL,WARN,FALL HAZARD	1
23	52972GT	DECAL,CE MARK,3"	1
23-	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
24	28157GT	DECAL,USE DEXRON***	1

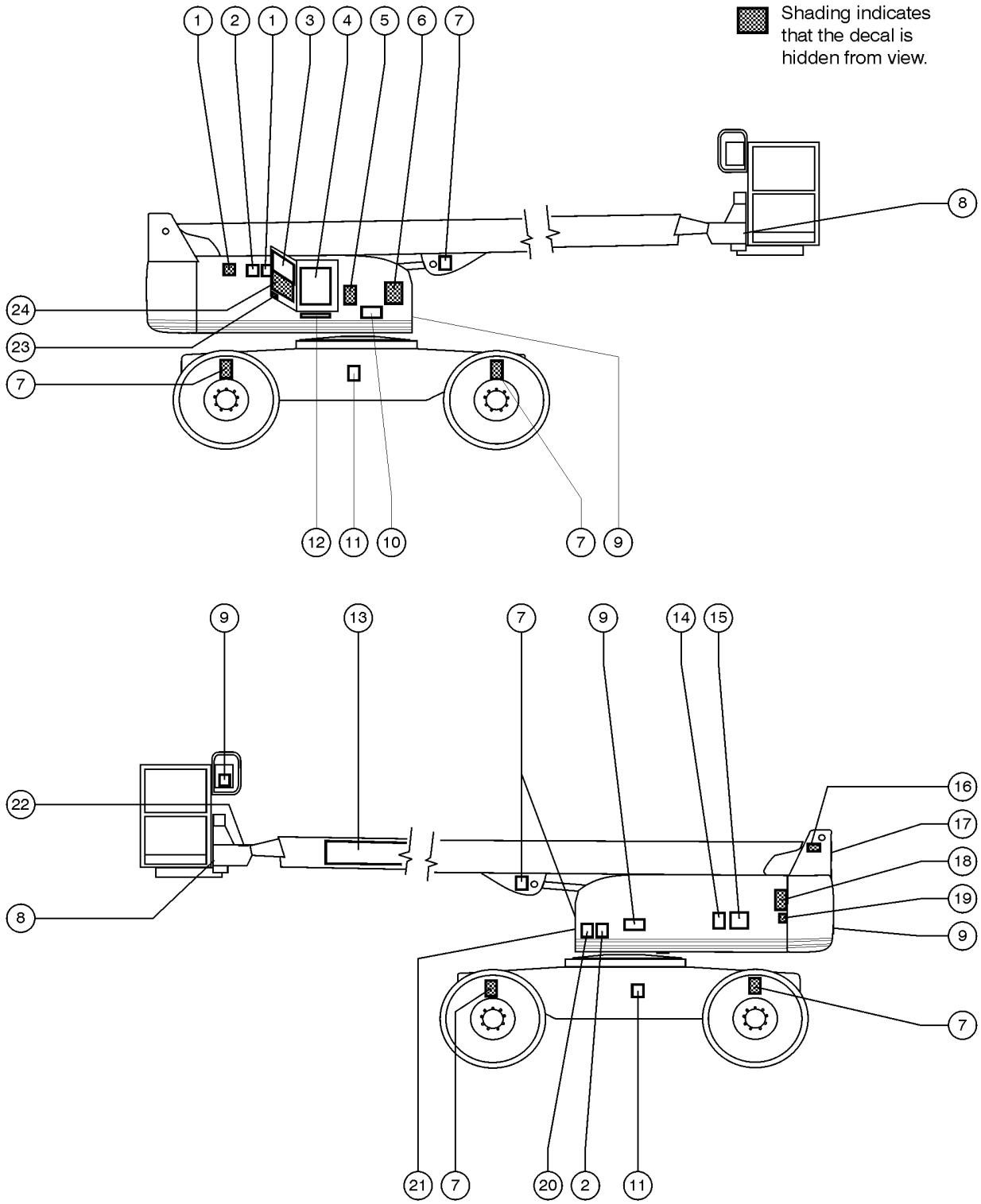
101.2 Decals and Paint - View 1, S-65



101.2 Decals and Paint - View 1, S-65

Item	Part No.	Description	Qty.
A-	1279574GT	DECAL KIT,PLAT,S40/60/80,WORD for SN 2575 to 9153	
	52056GT	DECAL KIT,INSTR,S60/65 GAS*** Gasoline/LPG Models; kit does not include Index No's. 4, 6, 9, 13, 17, 18, 19, 21 and 23	
	46200GT	DECAL KIT,INSTRUCT,S60/65 DSL Diesel Models; kit does not include Index No's. 4, 6, 9, 13, 17, 18, 20, 21 and 23	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	2
1-	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** to SN 6829	1
4-	72160GT	DECAL,GND CONT PNL,S45/S60/80 from SN 6830	1
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
9-	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	62078GT	DECAL,COSMETIC,GENIE S65	1
14	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
15	28175GT	DECAL,WARNING-COMPART ACCESS	1
16	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
17	62079GT	DECAL,COSMETIC,S65	1
18	49741GT	DECAL,NOTICE,FORD EFI ENG SPEC	1

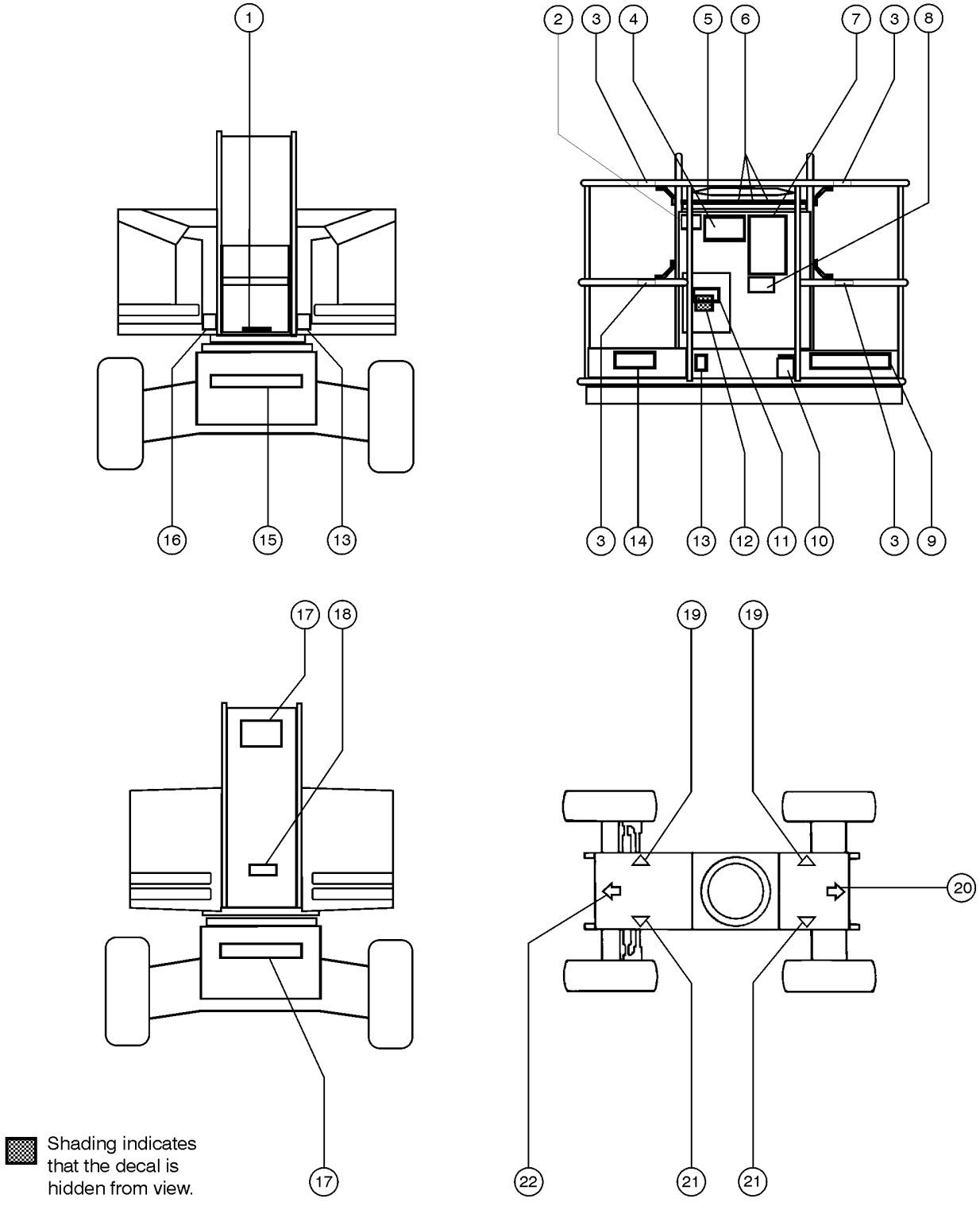
101.2 Decals and Paint - View 1, S-65



101.2 Decals and Paint - View 1, S-65

Item	*Part No.*	*Description*	*Qty.*
18-	53037GT	DECAL,NOTICE,DEUTZ ENG SPEC	1
18-	82644GT	DECAL, ENGINE SPEC, PERKINS	1
19	35599GT	DECAL,NOTICE,AIR INLET*** Diesel Models	1
20	28160GT	DECAL,LABEL,LIQUID PROPANE	1
21	44981GT	DECAL LABEL AIRLINE 110PSI	2
22	28181GT	DECAL,WARN,FALL HAZARD	1
23	52972GT	DECAL,CE MARK,3"	1
23-	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
24	28157GT	DECAL,USE DEXRON***	1

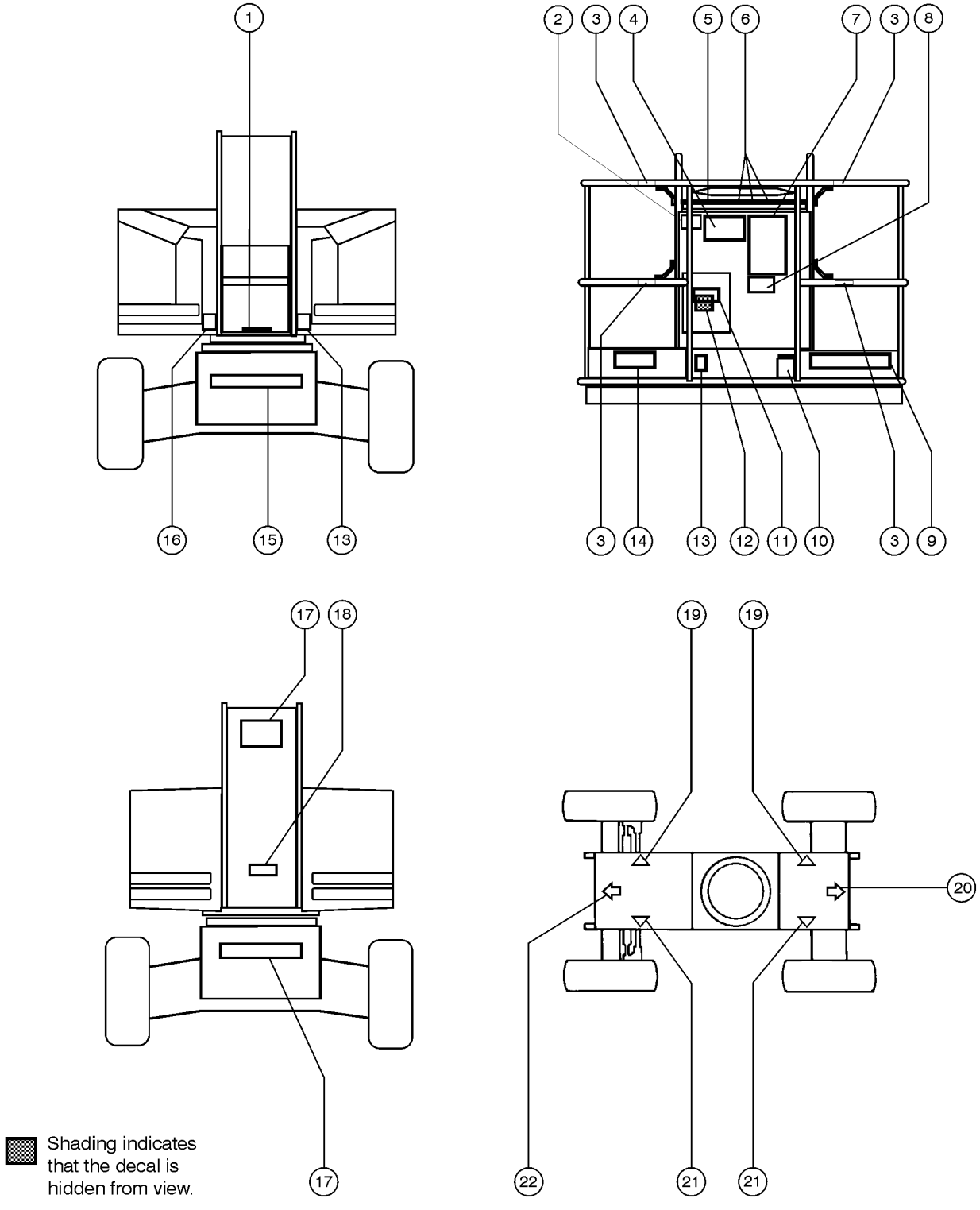
102.1 Decals and Paint - View 2, S-60



102.1 Decals and Paint - View 2, S-60

Item	Part No.	Description	Qty.
	52056GT	DECAL KIT,INSTR,S60/65 GAS*** Gasoline/LPG Models; kit does not include Index No's. 5, 6, 8, 9, 13, 14, 15, 16 and 17	
	46200GT	DECAL KIT,INSTRUCT,S60/65 DSL Diesel Models; kit does not include Index No's. 5, 6, 8, 9, 13, 14, 15, 16 and 17	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	28161GT	DECAL,WARN,CRUSH HAZARD HAND	1
2	33952GT	DECAL,DANGER,TILT ALARM	1
3	40434GT	DECAL,LANYARD ANCHORAGE POINT	4
4	43647GT	DECAL,NOTICE,OPER INST.IC***	1
5	32941GT	DECAL,PLATFORM CTRL PANEL*** to SN 3099	1
5A-	33949GT	DECAL,PROTECTOR PLAT,S80/60***	1
5B	52156GT	DECAL,PLATFORM CTRL PANEL from SN 3100 to SN 6829	1
5C	72162GT	DECAL,PLATFORM CTRL PANEL from SN 6830	1
5C	72162FRGT	DECAL PLATFORM CONTROL PANEL (french)	
5-	52251GT	DECAL,PROTECTOR,CLEAR,PLATE***	1
6	49927GT	DECAL,OPTION GLOW PLUGS***	1
6-	32728GT	DECAL,OPTION GENERATOR***	1
6-	44769GT	DECAL,LABEL,LFT/DRV SELECT	1
6-	72867GT	DECAL,LABEL,LIGHTS***	1
7	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
8	43595GT	DECAL,DANGER,TIP-OVER,TIRES***	1
9	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
9-	32998GT	DECAL,NOTICE,MAX LOAD 600 LBS	1
9-	43594GT	DECAL,NOTICE,MAX LOAD 750 LBS	1
10	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
11	28236GT	DECAL,WARN,IMPROPER OPERATION	1
12	28176GT	DECAL,LABEL,MANUAL NOT HERE	1

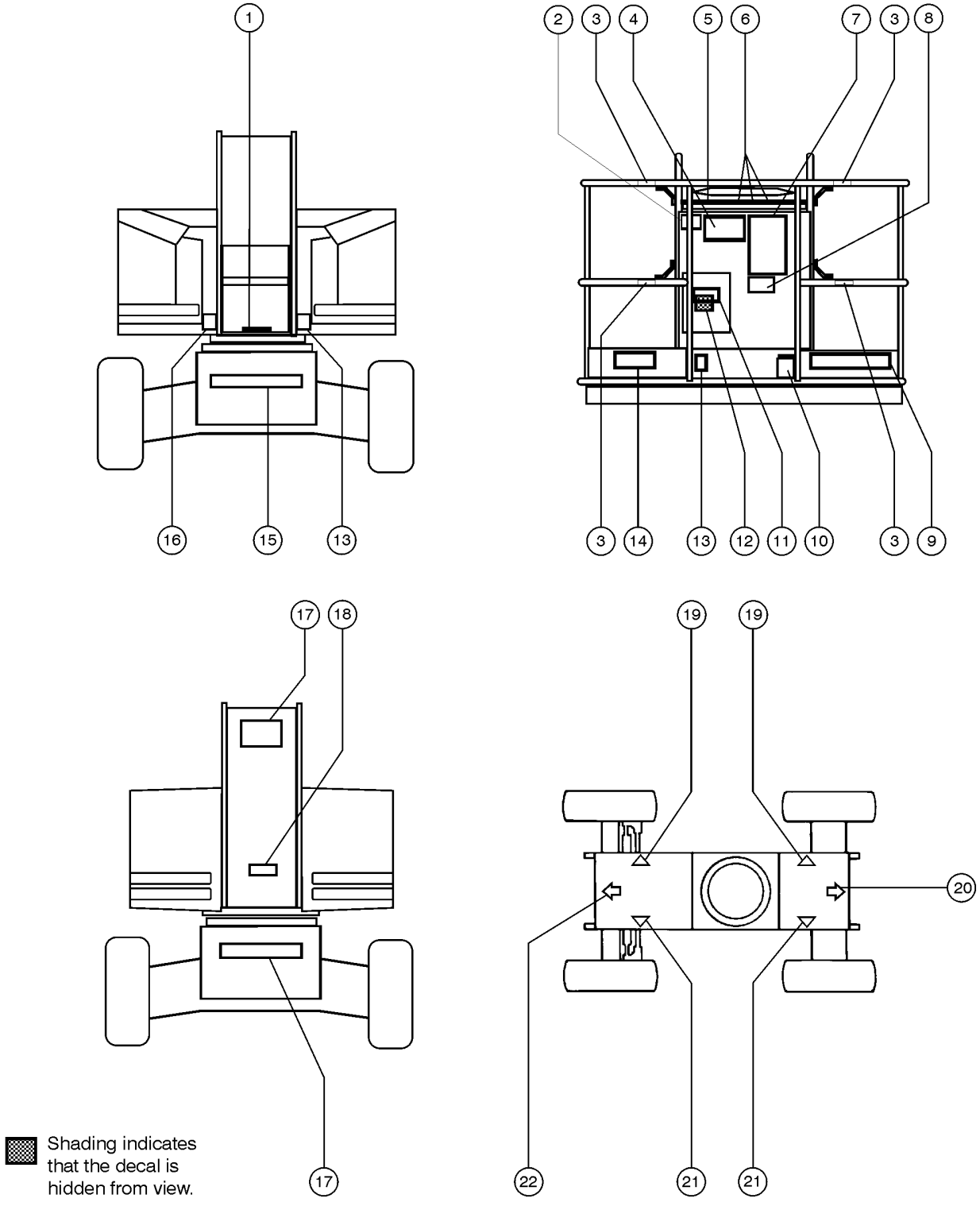
102.1 Decals and Paint - View 2, S-60



102.1 Decals and Paint - View 2, S-60

Item	*Part No.*	*Description*	*Qty.*
13	44981GT	DECAL LABEL AIRLINE 110PSI	2
14	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI ANSI and CSA models	1
14-	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS CE models	1
15	52966GT	DECAL,COSMETIC,4 X 2	1
15-	52967GT	DECAL,COSMETIC,4 X 4	1
16	28235GT	DECAL, POWER TO PLATFORM 115V**	1
16-	28174GT	DECAL, POWER TO PLATFORM 230V**	1
17	62077GT	DECAL,COSMETIC,S60	2
18	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
19	27207GT	DECAL,TRIANGLE,YELLOW	2
20	27205GT	DECAL,ARROW YELLOW LRG 9"	1
21	27206GT	DECAL,TRIANGLE,BLUE	2
22	27204GT	DECAL,ARROW BLUE	1

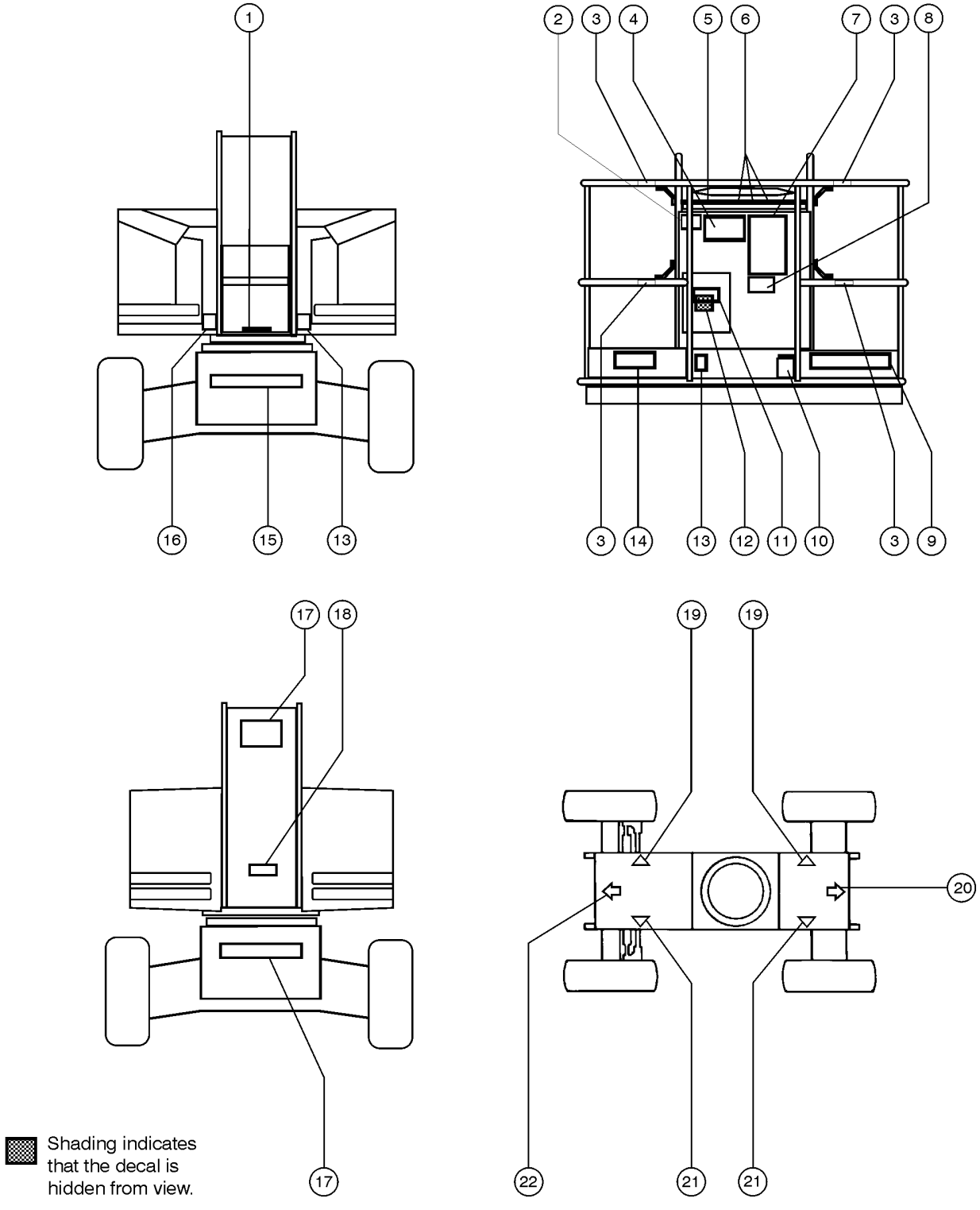
102.2 Decals and Paint - View 2, S-65



102.2 Decals and Paint - View 2, S-65

Item	Part No.	Description	Qty.
	52056GT	DECAL KIT,INSTR,S60/65 GAS*** .... Gasoline/LPG Models; kit does not include Index No's. 5, 6, 8, 9, 13, 14, 15, 16 and 17	
	46200GT	DECAL KIT,INSTRUCT,S60/65 DSL ..... Diesel Models; kit does not include Index No's. 5, 6, 8, 9, 13, 14, 15, 16 and 17	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	28161GT	DECAL,WARN,CRUSH HAZARD HAND	1
2	33952GT	DECAL,DANGER,TILT ALARM	1
3	40434GT	DECAL,LANYARD ANCHORAGE POINT	4
4	43647GT	DECAL,NOTICE,OPER INST.IC***	1
5	32941GT	DECAL,PLATFORM CTRL PANEL*** ..... to SN 3099	1
5-	33949GT	DECAL,PROTECTOR PLAT,S80/60***	1
5-	52156GT	DECAL,PLATFORM CTRL PANEL ..... from SN 3100 to SN 6829	1
5-	72162GT	DECAL,PLATFORM CTRL PANEL ..... from SN 6830	1
5-	72162FRGT	DECAL PLATFORM CONTROL PANEL ..... (french)	
5-	52251GT	DECAL,PROTECTOR,CLEAR,PLATE***	1
6	49927GT	DECAL,OPTION GLOW PLUGS***	1
6-	32728GT	DECAL,OPTION GENERATOR***	1
6-	44769GT	DECAL,LABEL,LFT/DRV SELECT	1
6-	72867GT	DECAL,LABEL,LIGHTS***	1
7	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
8	43595GT	DECAL,DANGER,TIP-OVER,TIRES***	1
9	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
10	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
11	28236GT	DECAL,WARN,IMPROPER OPERATION	1
12	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
13	44981GT	DECAL LABEL AIRLINE 110PSI	2
14	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI ..... ANSI and CSA models	1

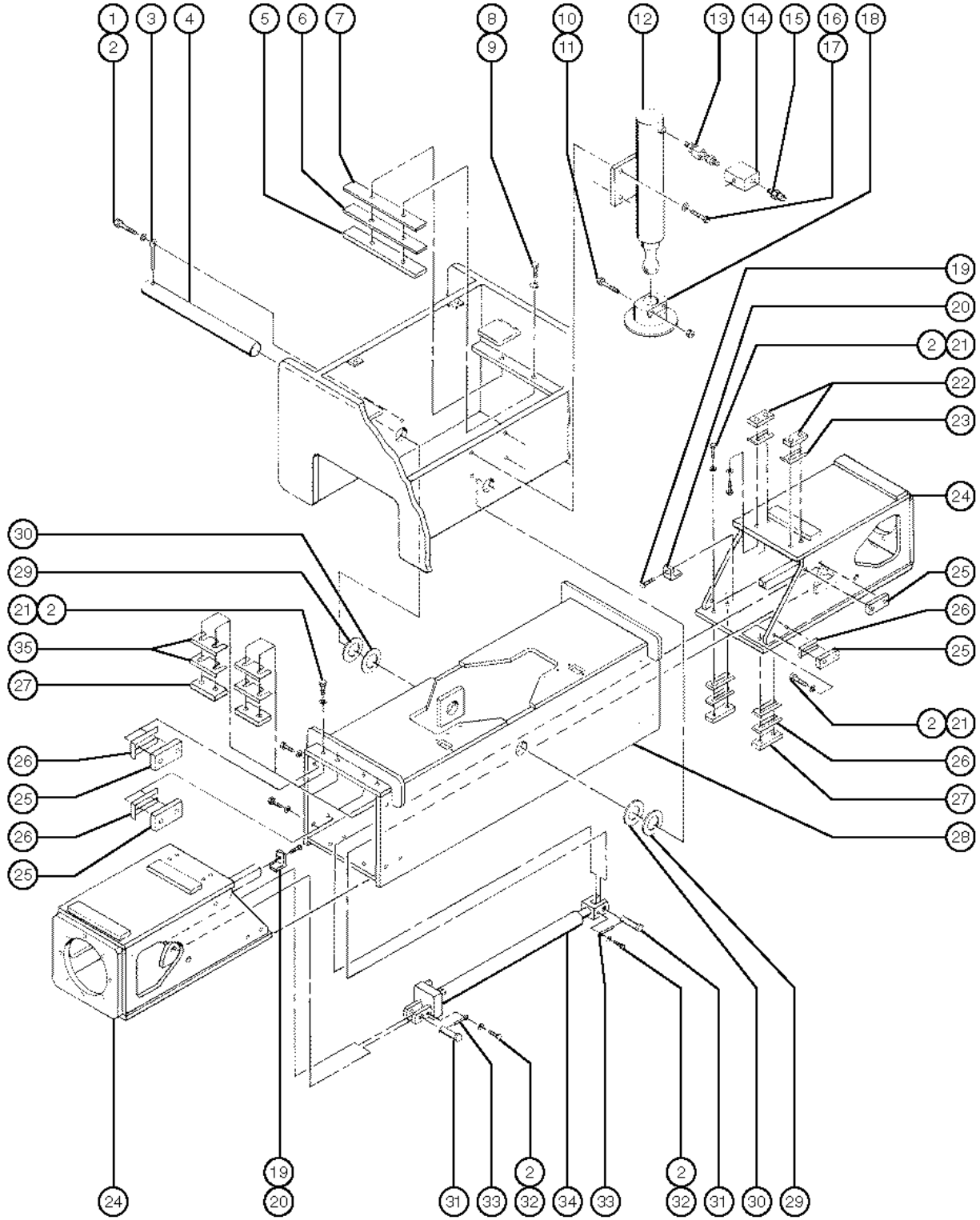
102.2 Decals and Paint - View 2, S-65



102.2 Decals and Paint - View 2, S-65

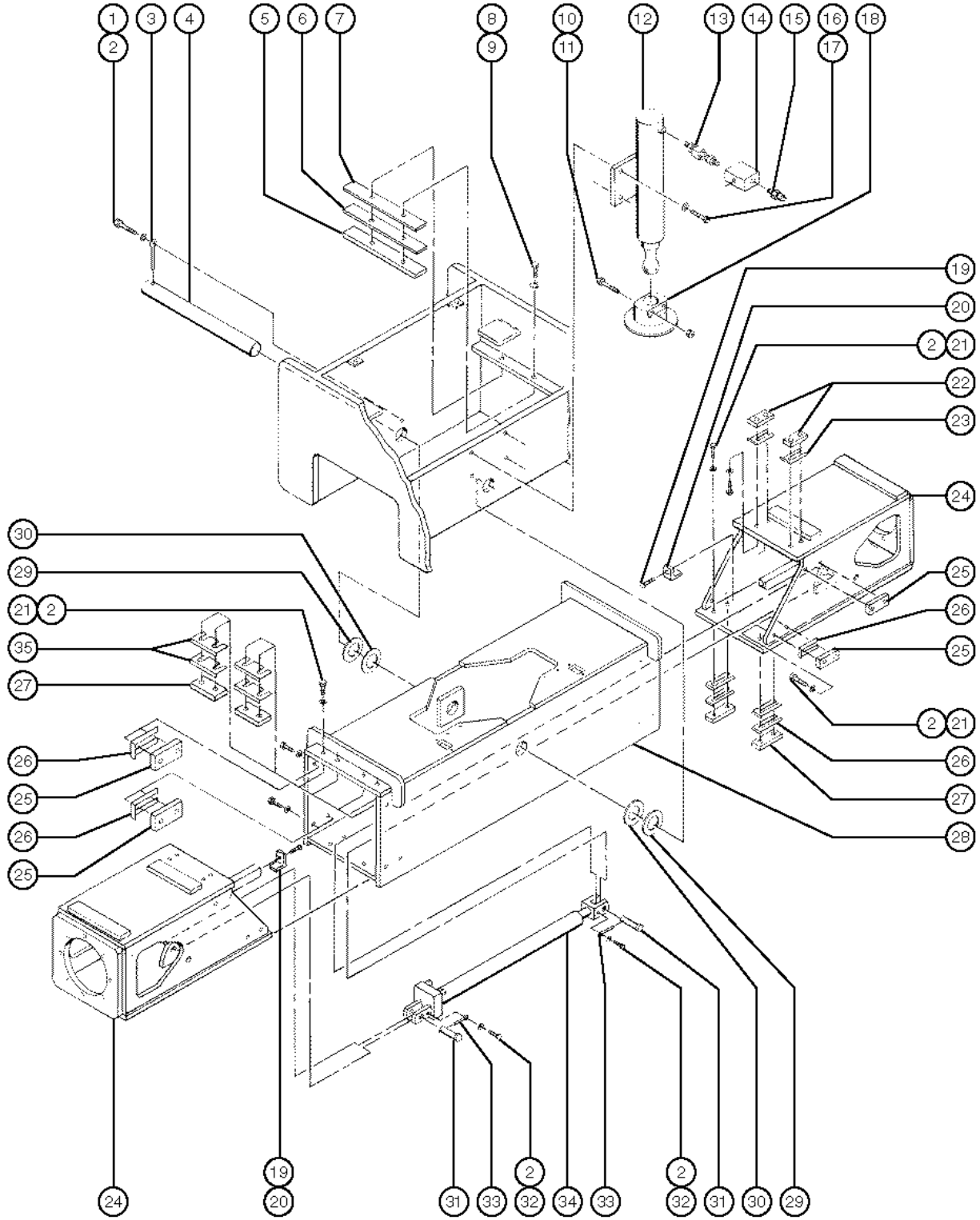
Item	Part No.	Description	Qty.
14-	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS CE models	1
15	52966GT	DECAL,COSMETIC,4 X 2	1
15-	52967GT	DECAL,COSMETIC,4 X 4	1
16	28235GT	DECAL, POWER TO PLATFORM 115V**	1
16-	28174GT	DECAL, POWER TO PLATFORM 230V**	1
17	62079GT	DECAL,COSMETIC,S65	2
18	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
19	27207GT	DECAL,TRIANGLE,YELLOW	2
20	27205GT	DECAL,ARROW YELLOW LRG 9"	1
21	27206GT	DECAL,TRIANGLE,BLUE	2
22	27204GT	DECAL,ARROW BLUE	1

306.1 4WD Extendable Non-steer Axle Installation



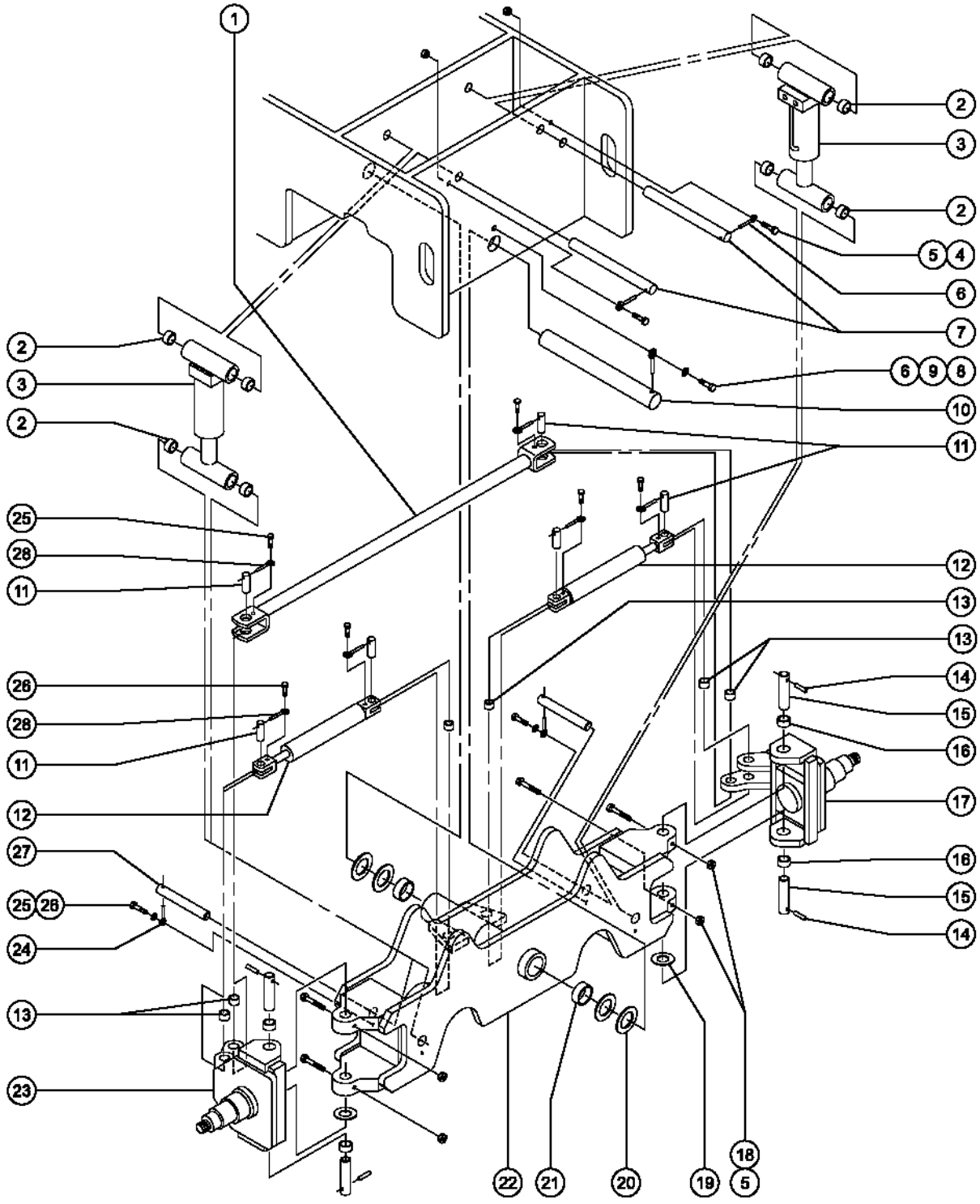
Item	Part No.	Description	Qty.
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	1
2	6021GT	WASHER,LOCK,.375	60
3	825019GT	ROD END, .375X3.69, ZAG	1
4	34273GT	PIN,2.50DIAX21.12LG,1HOLE	1
5	34218PGT	BAR,AXLE ROTATION STOP PAINT	2
6	34215GT	SHIM,AXLE ROTATION STOP,12GA	2
7	34216GT	SHIM,AXLE ROTATION STOP,22GA	2
8	8177GT	SCREW,HHC,1/2-13 X 1.5	4
9	6033GT	WASHER,LOCK,0.5"	4
10	12981GT	SCREW,HHC,3/8-16 X 4.5	2
11	4828GT	NUT,NYLOCK,3/8-16	2
12	63220GT	CYLINDER,JACK***	1
12-	63360GT	SEAL KIT CYL.S80(63220) for cylinder 63220 only	
12-	33537GT	SEAL KIT,HYDRAULIC CYLINDER for cylinder 34048 (no longer available)	1
13		Ref. Hydraulic Hoses & Fittings (refer to figure 309.1)	1
14	34751GT	VALVE,COUNTERBALANCE-SUN includes index number 15	1
15	33549GT	VALVE,COUNTERBAL.CBCH-LJN	1
16	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	4
17	6036GT	WASHER,LOCK,.625 PLTD	4
18	34772GT	CASTING,JACK FT/PAD PAINTED	1
19	16439GT	SCREW,FHS,3/8-16 X 1	2
20	34729PGT	BRACKET,ACTUATOR PAINTED	2
21	8516GT	SCREW, HCC, 3/8-16 X 1.50	64
22	34126GT	WEAR PAD,5 X 3 X .75 W/INSERT	4
23	34344GT	SHIM, PAD, 3 x 5	12
24	53404GT	INNER REAR AXLE WELDMENT, L.H.	1
24-	53405GT	INNER REAR AXLE WELDMENT, R.H.	
25	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	8

306.1 4WD Extendable Non-steer Axle Installation



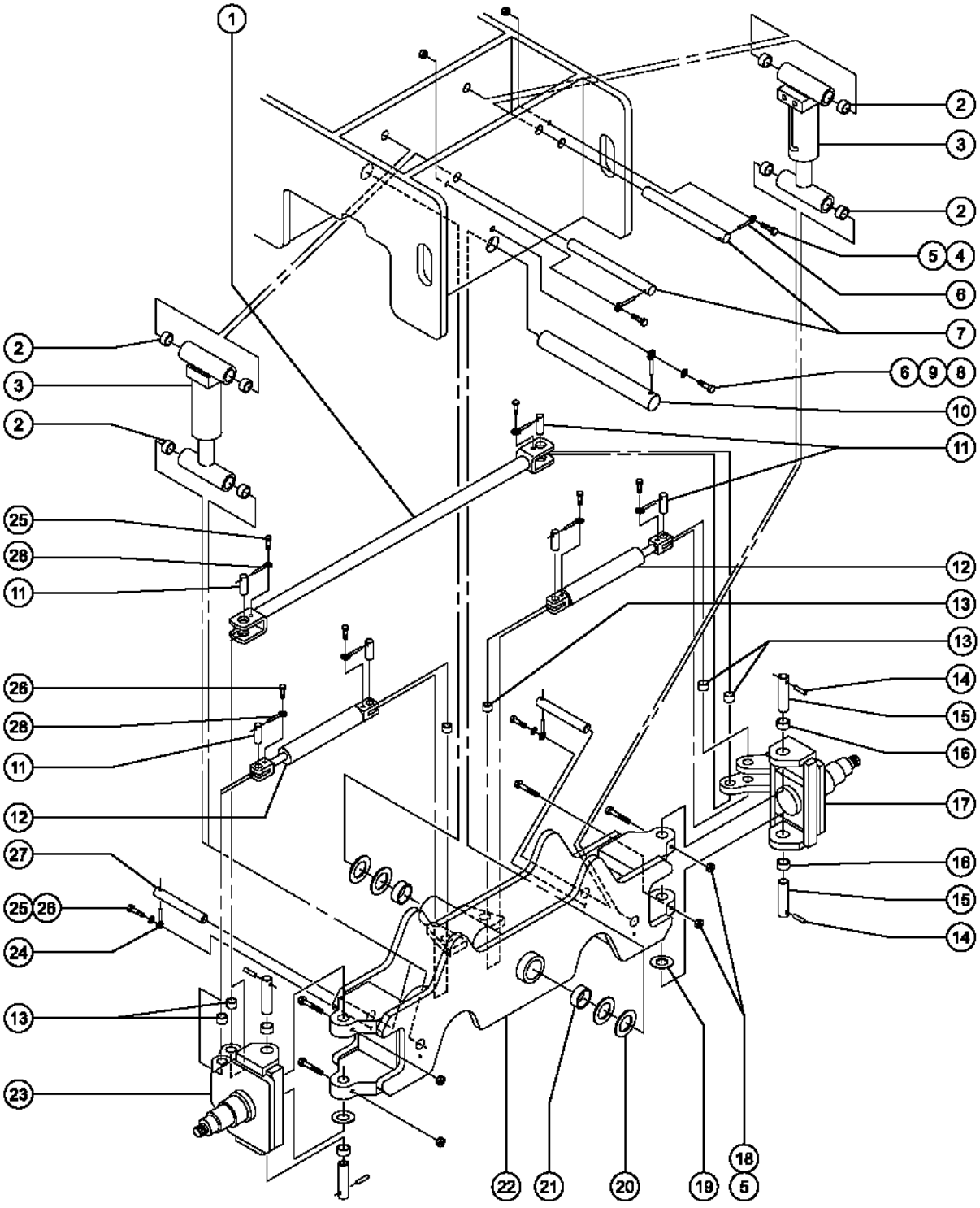
Item	*Part No.*	*Description*	*Qty.*
26	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	32
27	34206PGT	PAD,AXLE COMPRESSION,PAINTED	8
28	34082GT	WELDMENT,OUTER REAR AXLE	1
29	25436GT	WASHER,THRUST,2.56 X 4.0 X.18	2
30	29746GT	WASHER,FLAT,2.5 X 4 X .062	6
31	30734GT	PIN,1.00DIAX2.88LG,1HOLE	2
32	6175GT	SCREW,HHC,3/8-16 X 1	2
33	1255452GT	ROD END,.375 X 2.25,ZAG	2
34	63218GT	CYLINDER,AXLE EXT,REAR	1
34-		SEAL KIT,HYDRAULIC CYLINDER (no longer available)	1
34-	33428GT	VALVE,COUNTERBALANCE	1
35	34343GT	SHIM,SIDE PAD 16GA,.44 SLOT	16

201.1 2WD Steer Axle Linkage - Oscillating Models



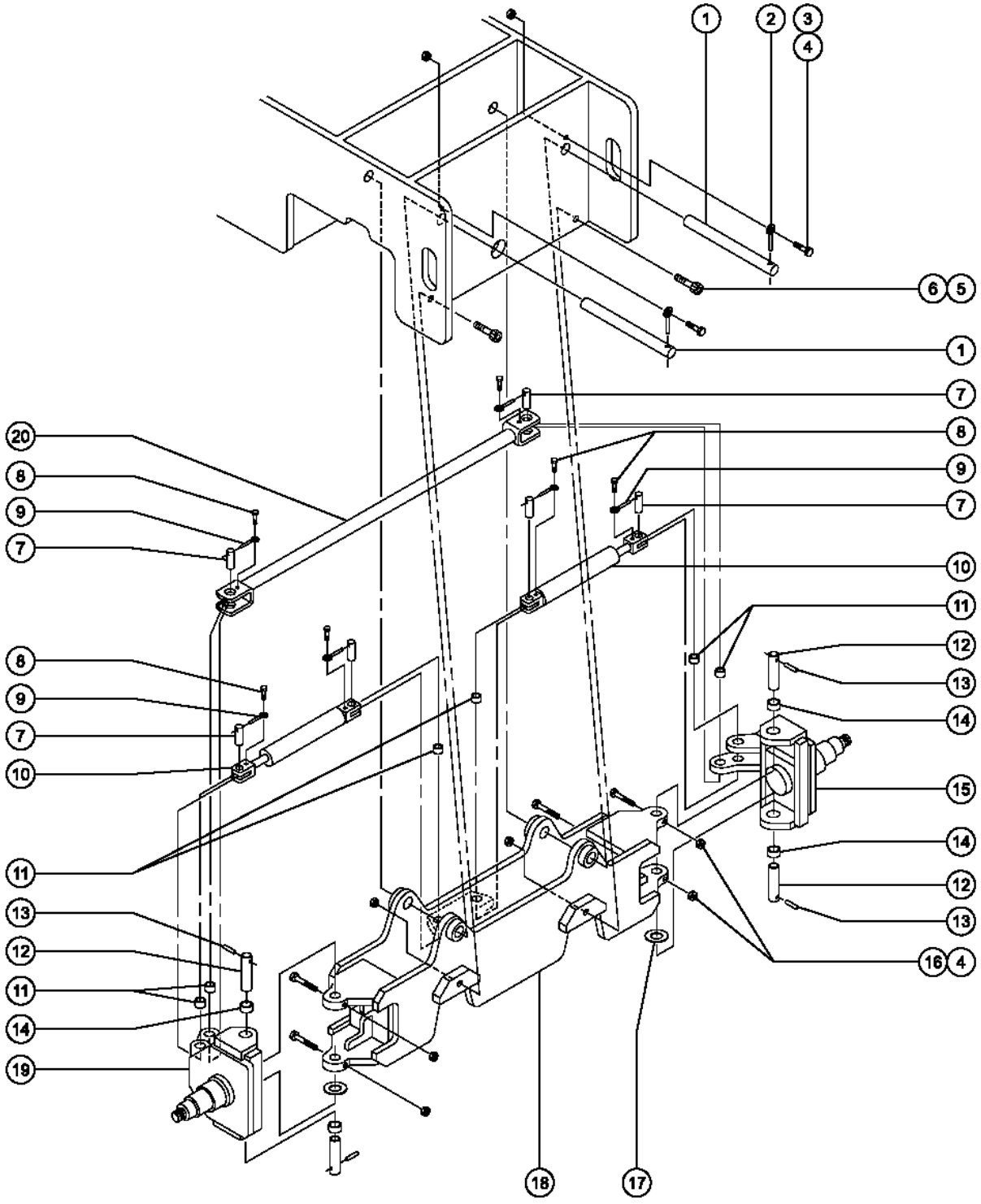
Item	Part No.	Description	Qty.
1	63156GT	TIE ROD WELDMENT,S60***	1
2	45072GT	BEARING,GARLOCK,24DU24	8
3	1264673GT	CYLINDER, OSCILLATE, S60 includes 4 each index number 2	2
3-	63355GT	SEAL KIT CYL.S60(63215)	2
3-	33894GT	SEAL KIT,HYDRAULIC CYLINDER for cylinder 34426 (no longer available)	1
3-	33428GT	VALVE,COUNTERBALANCE	2
4	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
5	6086GT	NUT,LP NYLOCK,1/2-13	6
6	1256267GT	ROD END,.5 X 3.75,ZAG	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
11	30734GT	PIN,1.00DIAX2.88LG,1HOLE measure before ordering	6
11B	34276GT	PIN,1.25DIAX3.37LG,1HOLE measure before ordering	
12A	53463GT	KIT,STEER CYLINDER,RETRO S60** to SN 3908; includes 88346	2
12B	88346GT	CYLINDER,S60/65 STEER*** from SN 3909	2
12B-	88347GT	SEAL KIT,STEER CYL,S60/65***	2
13	53452GT	BEARING,1.00IDX1.50ODX1.00L measure before ordering	6
13B	30370GT	BEARING,1.25IDX1.5ODX1.00L measure before ordering	
14	14815GT	PIN,ROLL,SST,.25 X 2.25	4
15	53081GT	PIN,1.50DIAX4.76LG,2HOLE	4
16	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
17	35002GT	YOKE ASSEMBLY,L.S.,2WD, S-60 includes 2 each index numbers 13 and 16	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

201.1 2WD Steer Axle Linkage - Oscillating Models

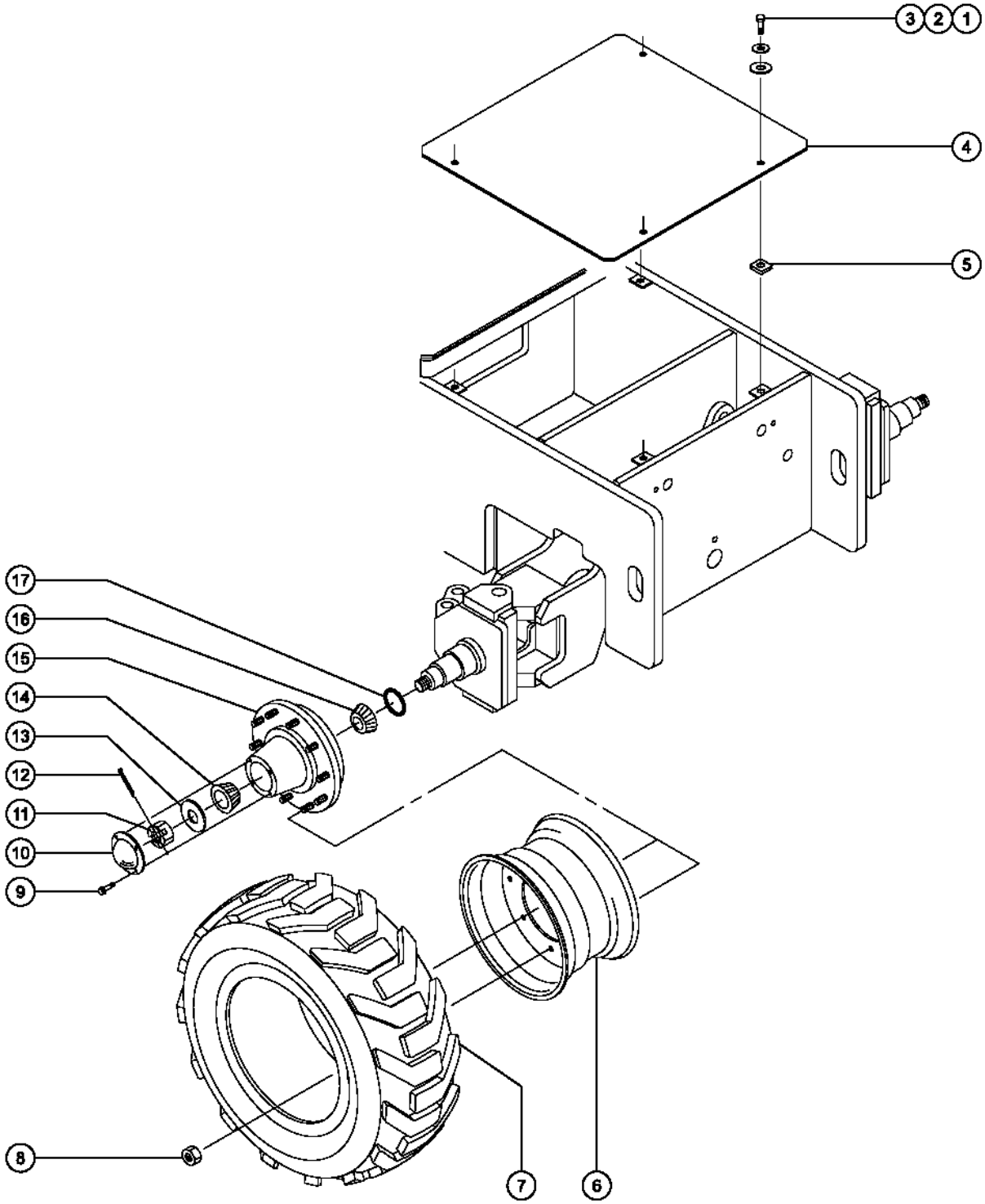


Item	Part No.	Description	Qty.
22	33908GT	STEER AXLE ASSEMBLY, OSC, S-60 includes 2 each index numbers 13 and 21	1
23	35001GT	YOKE ASSEMBLY,R.S.,2WD, S-60 includes 2 each index numbers 13 and 16	1
24	825019GT	ROD END, .375X3.69, ZAG	2
25	6175GT	SCREW,HHC,3/8-16 X 1	8
26	6021GT	WASHER,LOCK,.375	2
27	47955GT	PIN,1.50DIAX10.45LG,1HOLE	2
28	1255452GT	ROD END,.375 X 2.25,ZAG	6

202.1 2WD Steer Axle Linkage - Non-oscillating Models

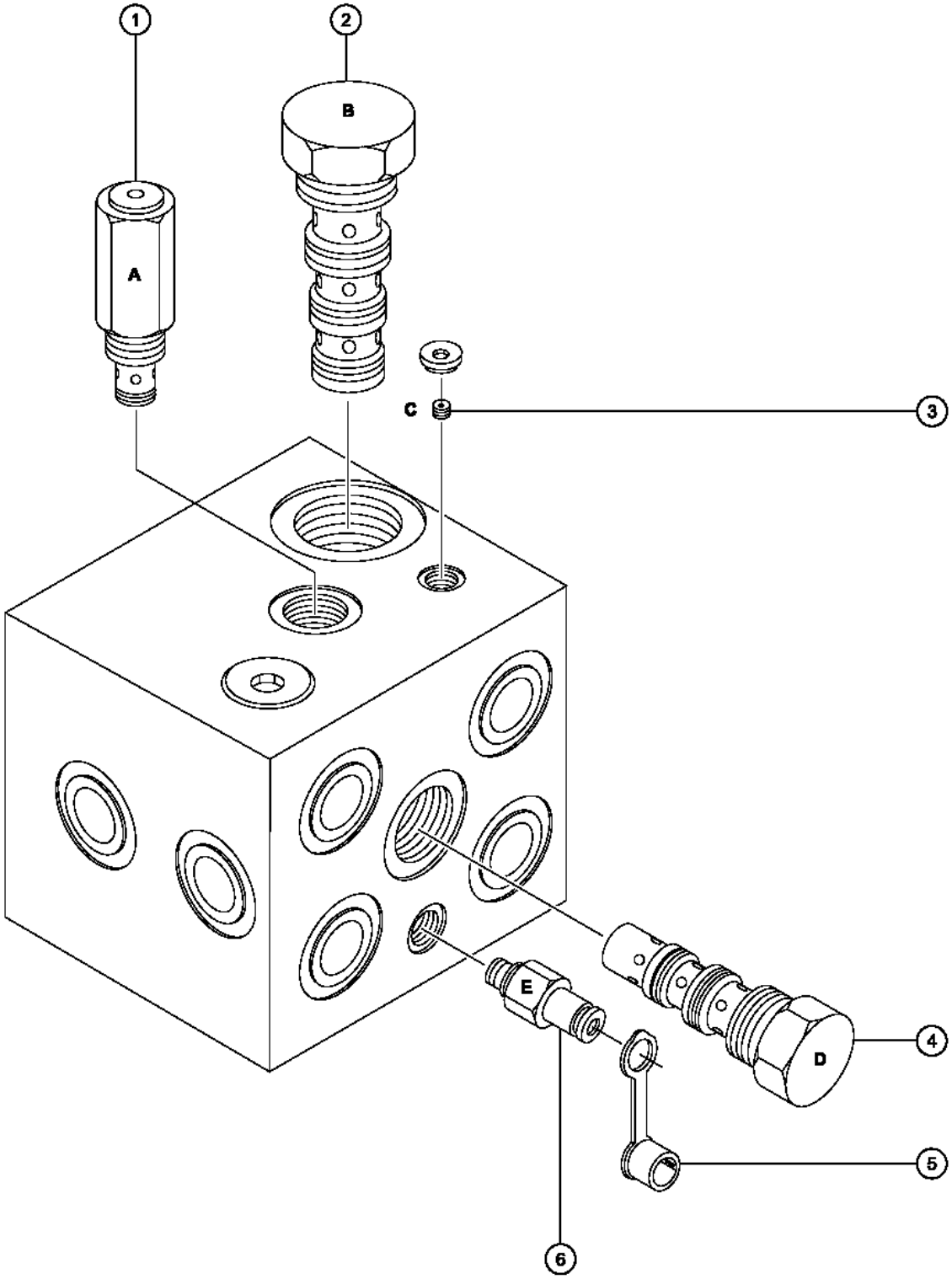


Item	Part No.	Description	Qty.
1	30731GT	PIN,PRIM.BOOM,16.0 X 1.5 INCH	2
2	1256267GT	ROD END,.5 X 3.75,ZAG	2
3	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
4	6086GT	NUT,LP NYLOCK,1/2-13	6
5	45066GT	SCREW,SHC,5/8-11 X 2.25	2
6	6024GT	NUT,NYLOCK,5/8-11	2
7	30734GT	PIN,1.00DIAX2.88LG,1HOLE measure before ordering	6
7B	34276GT	PIN,1.25DIAX3.37LG,1HOLE measure before ordering	
8	6175GT	SCREW,HHC,3/8-16 X 1	6
9	1255452GT	ROD END,.375 X 2.25,ZAG	6
10A	53463GT	KIT,STEER CYLINDER,RETRO S60** to SN 3908; includes 88346	2
10B	88346GT	CYLINDER,S60/65 STEER*** from SN 3909	2
10B-	88347GT	SEAL KIT,STEER CYL,S60/65***	2
11	53452GT	BEARING,1.00IDX1.50ODX1.00L measure before ordering	6
11B	30370GT	BEARING,1.25IDX1.5ODX1.00L measure before ordering	
12	53081GT	PIN,1.50DIAX4.76LG,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 includes 2 each Index No's. 11 and 14	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 includes 2 each Index No. 11	1
19	35001GT	YOKE ASSEMBLY,R.S.,2WD, S-60 includes 2 each Index No's. 11 and 14	1
20	63156GT	TIE ROD WELDMENT,S60***	1


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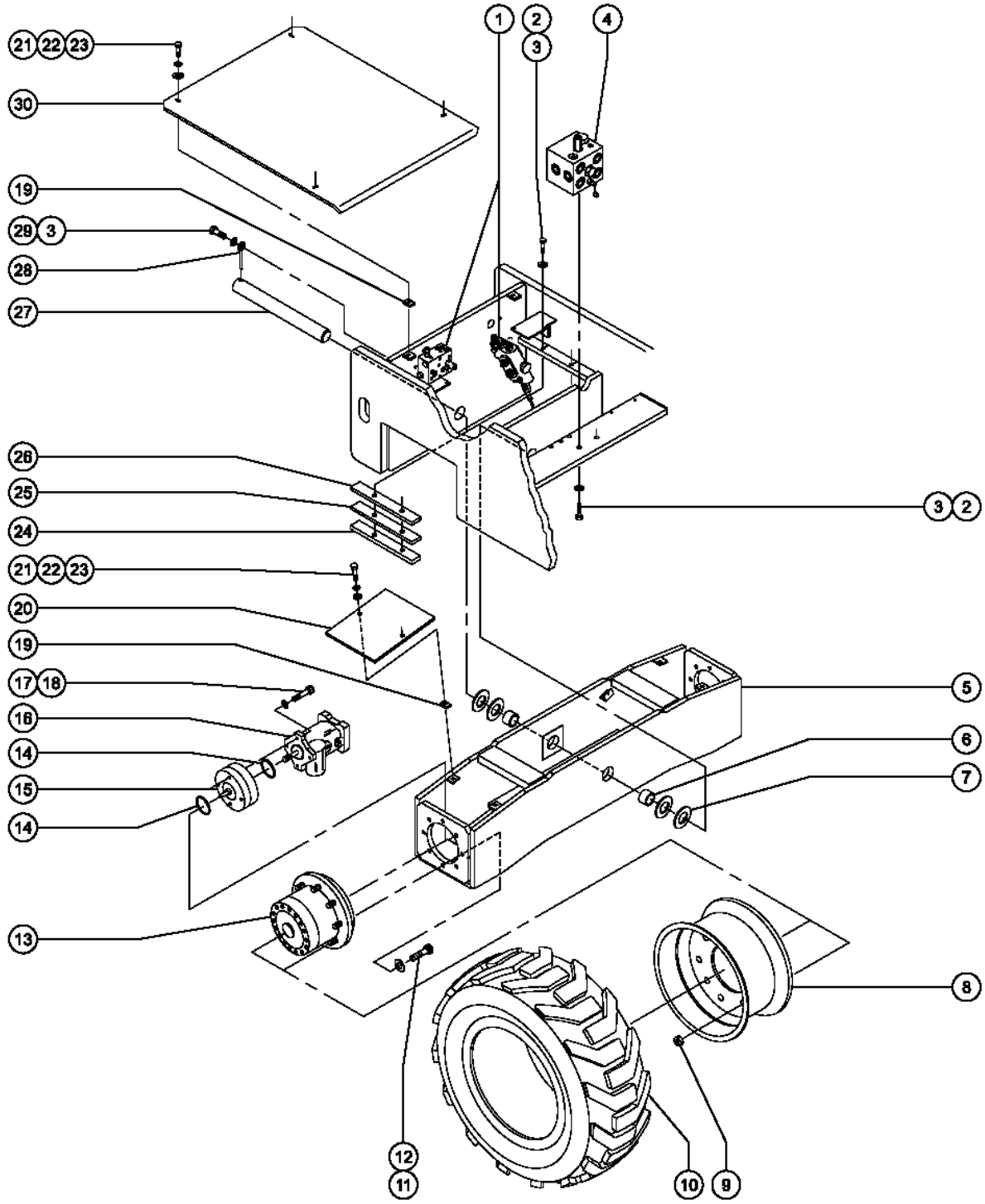
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	4
2	6356GT	WASHER,LOCK,.25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	33448GT	COVER W/DECALS,DR.CHAS.STR.END	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
6	73184GT	WHEEL,19.5 X 11.75,10 HOLE***	2
6-	73180GT	TIRE & WHEEL RH, AIR S60***	
6-	73182GT	TIRE & WHEEL ASSY.RIGHT,FF S60	
6-	73181GT	TIRE & WHEEL LH, AIR S60	
6-	73183GT	TIRE & WHEEL ASSY.LEFT,FF S60	
6-	73206GT	TIRE&WHEEL ASSY R,AF,NON-MARKI	
6-	73207GT	TIRE&WHEEL ASSY L,AF,NON-MARKI	
7	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2
7-	73210GT	TIRE,385 19.5,16PLY,NON-MARKI	
8	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	20
9	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	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
15-	73076GT	HUB RACE,INNER	
15-	73077GT	HUB RACE, OUTER	
15-	73078GT	STUD,WHEEL,3/4-16	
16	73079GT	BEARING, INNER CONE	2
17	94794GT	SEAL,GREASE	2

204.1 2WD Drive Manifold



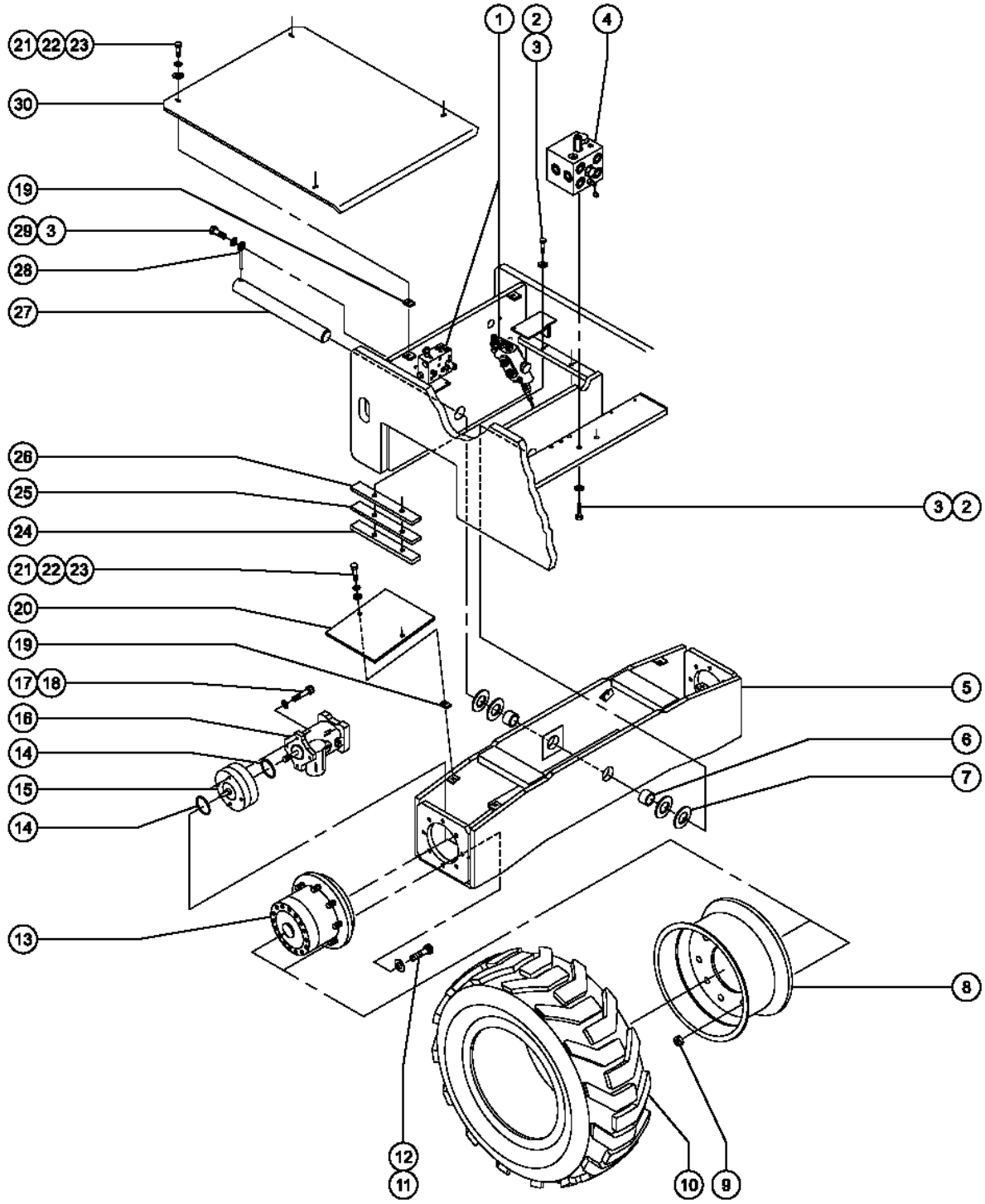
Item	Part No.	Description	Qty.
	34448GT	TRACTION MANIFOLD,2WD*** ..... includes Index No's. 1 through 4	
	25375GT	KIT, O-RING	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	43597GT	VALVE,RELIEF,210 PSI ..... A, Charge Pressure Circuit	1
1-	110194GT	SEAL KIT, VALVE, #10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

205.1 2WD Non-steer Axle



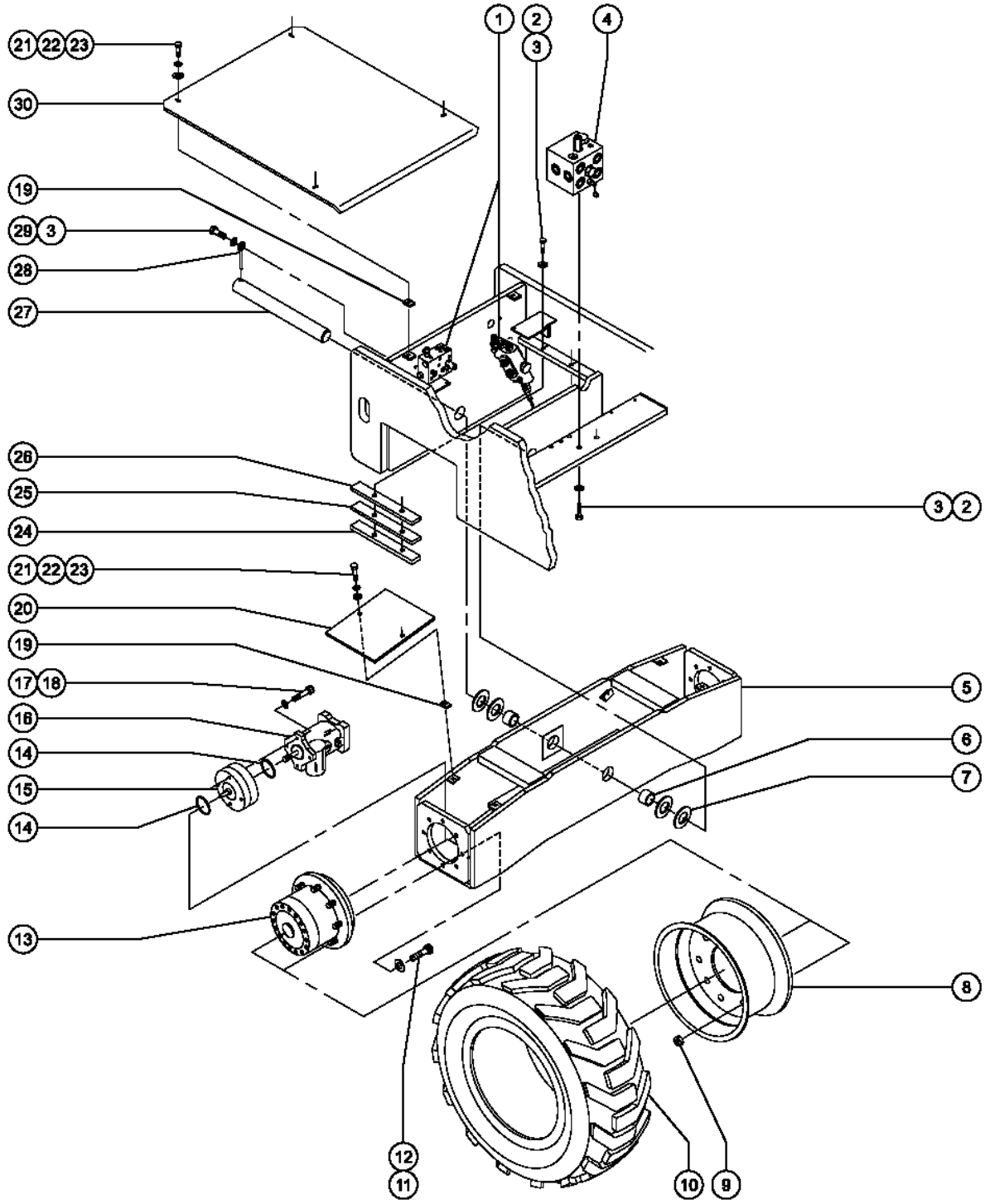
Item	Part No.	Description	Qty.
1		Ref. Oscillation Manifold and Control Valve refer to section 206.1	
2	8177GT	SCREW,HHC,1/2-13 X 1.5	7
3	6033GT	WASHER,LOCK,0.5"	8
4	34448GT	TRACTION MANIFOLD,2WD***	8
5	33945GT	NON-STEER AXLE ASSEMBLY S60%% includes 2 each of Index No. 6	1
6	34639GT	BEARING,2.5"ID X 2.75 X 2.25"L to SN 7820	2
6-	27698GT	BEARING,2.50IDX2.75ODX2.00L from SN 7821	2
7	29746GT	WASHER,FLAT,2.5 X 4 X .062	
8	73184GT	WHEEL,19.5 X 11.75,10 HOLE***	2
8-	73180GT	TIRE & WHEEL RH, AIR S60***	2
8-	73182GT	TIRE & WHEEL ASSY.RIGHT,FF S60	2
8-	73181GT	TIRE & WHEEL LH, AIR S60	2
8-	73183GT	TIRE & WHEEL ASSY.LEFT,FF S60	2
8-	73184GT	WHEEL,19.5 X 11.75,10 HOLE***	2
8-	73180GT	TIRE & WHEEL RH, AIR S60***	2
8-	73182GT	TIRE & WHEEL ASSY.RIGHT,FF S60	2
8-	73206GT	TIRE&WHEEL ASSY R,AF,NON-MARKI	2
8-	73181GT	TIRE & WHEEL LH, AIR S60	2
8-	73183GT	TIRE & WHEEL ASSY.LEFT,FF S60	2
8-	73207GT	TIRE&WHEEL ASSY L,AF,NON-MARKI	2
9	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	20
10	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2
10-	73210GT	TIRE,385 19.5,16PLY,NON-MARKI	2
11	45066GT	SCREW,SHC,5/8-11 X 2.25	16
12	13064GT	WASHER,FLAT,.625 HARDENED	16
13	33434GT	WHEEL DRIVE,W3 73:1***	2
13A-	33440GT	SEAL KIT,TORQUE HUB (34115)***	
13A-	33441GT	STUD,WHEEL,3/4-16, (34115)	

205.1 2WD Non-steer Axle



Item	Part No.	Description	Qty.
13A-	33989PGT	COVER, TORQUE HUB,PAINTED GRAY	
13A-	33990GT	O-RING, TORQUE HUB COVER	
13A-	33991GT	ACTUATOR,FOR/DISCONNECT ROD	
13A-	33992GT	DISCONNECT ROD, TORQUE HUB	
13A-	58283GT	BOLT,COVER,WHEEL DRIVE,W3***	
13A-	147558GT	KIT,BEARING,TAPERED,OUTER***	
13A-	147559GT	KIT,BEARING,TAPERED,INNER***	
13A-	58999GT	WASHER,THRUST,(33434)** for 33434	
13A-	65846GT	BEARING,THRUST WASHER***	
13A-	65855GT	SNAP RING, W3/W6 TORQUE HUB*	
13A-	72288GT	COUPLER, METAL(53483)	
13A-	83084GT	SEAL,LIP (33434)***	
13B	53483GT	WHEEL DRIVE,HW3 87:1*** replaced 33434 from serial number 7811; limited inventory, component no longer available	1
13B-	33440GT	SEAL KIT,TORQUE HUB (34115)*** for 53483	1
13B-	58238GT	BEARING KIT,WHEEL DRIVE,S60*** for 53483, this kit contains inner and outer bearings and races. It does not contain needle bearings, thrust bearings or washers. See PN 33434 for those misc. parts.	1
13B-	58284GT	COVER PLATE,WHEEL DRIVE,HW3*** for 53483	1
13B-	147558GT	KIT,BEARING,TAPERED,OUTER*** for 53483, contains one cup and one cone	
13B-	147559GT	KIT,BEARING,TAPERED,INNER*** for 53483, contains one cup and one cone	
13B-	65802GT	WASHER,THRUST W3 HUB (53483) for 53483	
14	22811GT	O-RING,MOTOR TO BRAKE*** measures approx 4" x 0.10"	4
15	73919GT	BRAKE,1200 INLB*** includes 2 each Index No. 14	2
15-	29291GT	SEAL KIT,MICO	2
15-	41918GT	LINING KIT,MICO BRAKE	2
15-	29293GT	BEARING KIT,MICO	2
16	24668GT	DRIVE MOTOR REAR,2WD/7 DEGREE* includes 1 each Index No. 14	2
16-	33444GT	SEAL KIT,DRIVE MOTOR,(24668)	2
17	7261GT	SCREW,HHC,1/2-13 X 5 BLACK	4
18	13066GT	WASHER,FLAT,.5 HARDENED	4

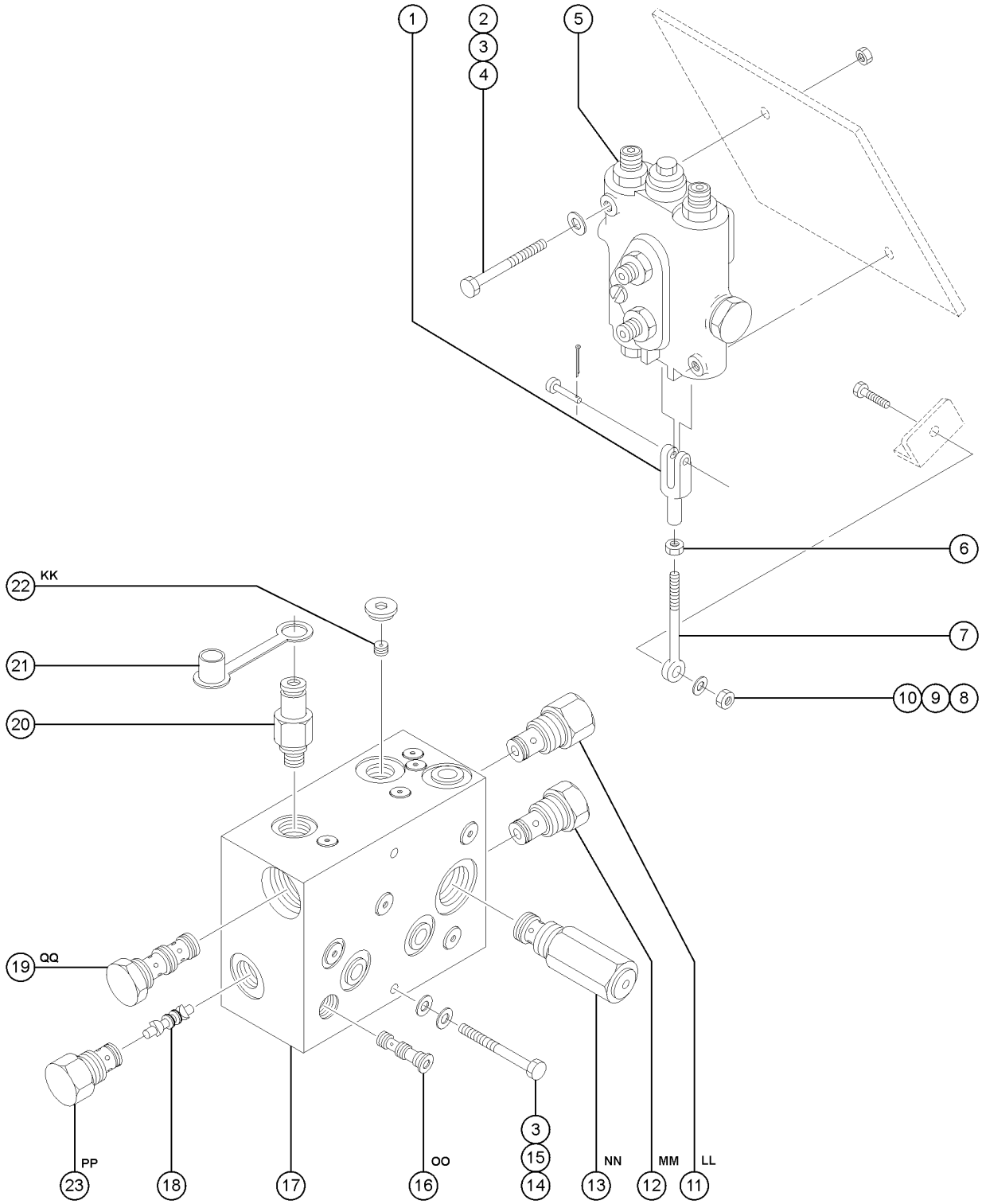
205.1 2WD Non-steer Axle



205.1 2WD Non-steer Axle

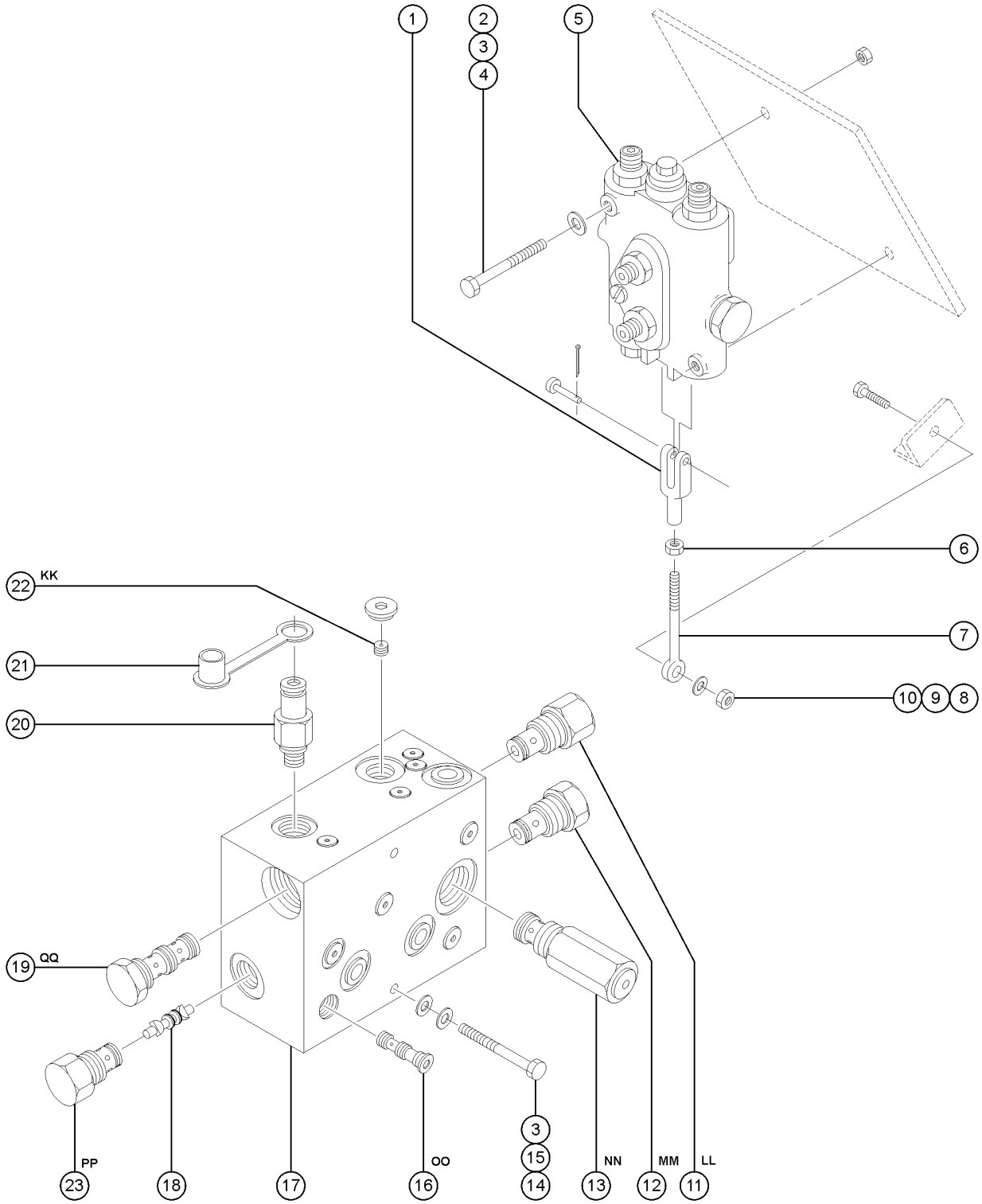
Item	Part No.	Description	Qty.
19	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	8
20	34409P-SGT	COVER,REAR AXLE BLUE	2
21	6090GT	SCREW, HHC, 1/4-20 X .75	8
22	6356GT	WASHER,LOCK,.25	8
23	6638GT	WASHER, FLAT, USS, 1/4"Y	8
24	34217P-SGT	BAR,AXLE ROTATION STOP,PAINTED non-oscillating models	2
24-	34218P-SGT	BAR,AXLE ROTATION STOP,OSC. oscillating models	2
25	34215GT	SHIM,AXLE ROTATION STOP,12GA	
26	34216GT	SHIM,AXLE ROTATION STOP,22GA	
27	34273GT	PIN,2.50DIAX21.12LG,1HOLE	1
28	1256267GT	ROD END,.5 X 3.75,ZAG	1
29	6096GT	SCREW,HHC,1/2-13 X 2 GR5	1
30	58021GT	DRIV CHAS COVER ASSY N/S END sloped cover	1
30B	33944GT	COVR W/DECLS,DR CHAS,NS END	1

206.1 2WD Oscillation Manifold and Control Valve

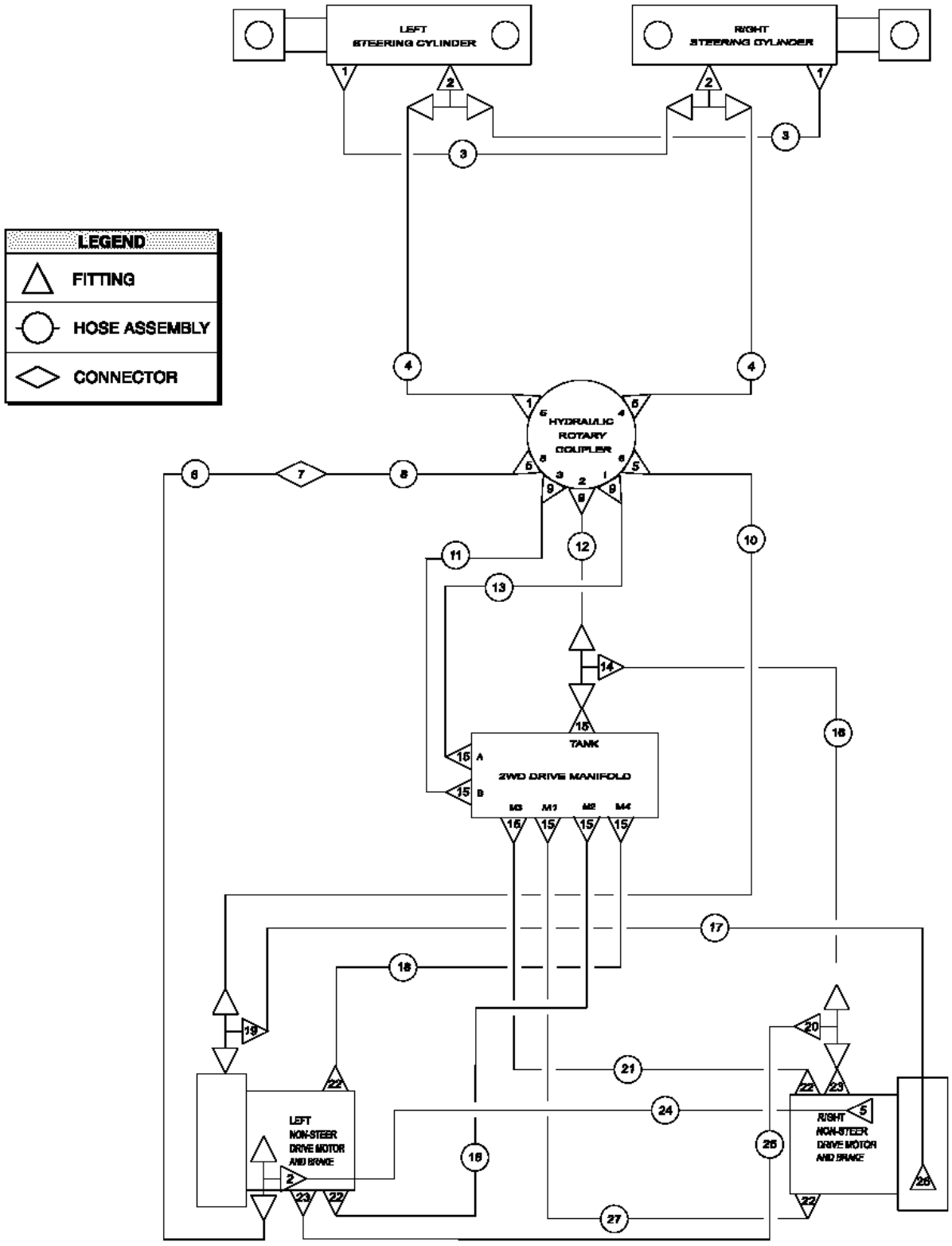


Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	1
2	6884GT	SCREW,HHC,1/4-20 X 2.5	2
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	6091GT	NUT, NYLOCK, 1/4-20	2
5	30558GT	VLV,MAN,3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

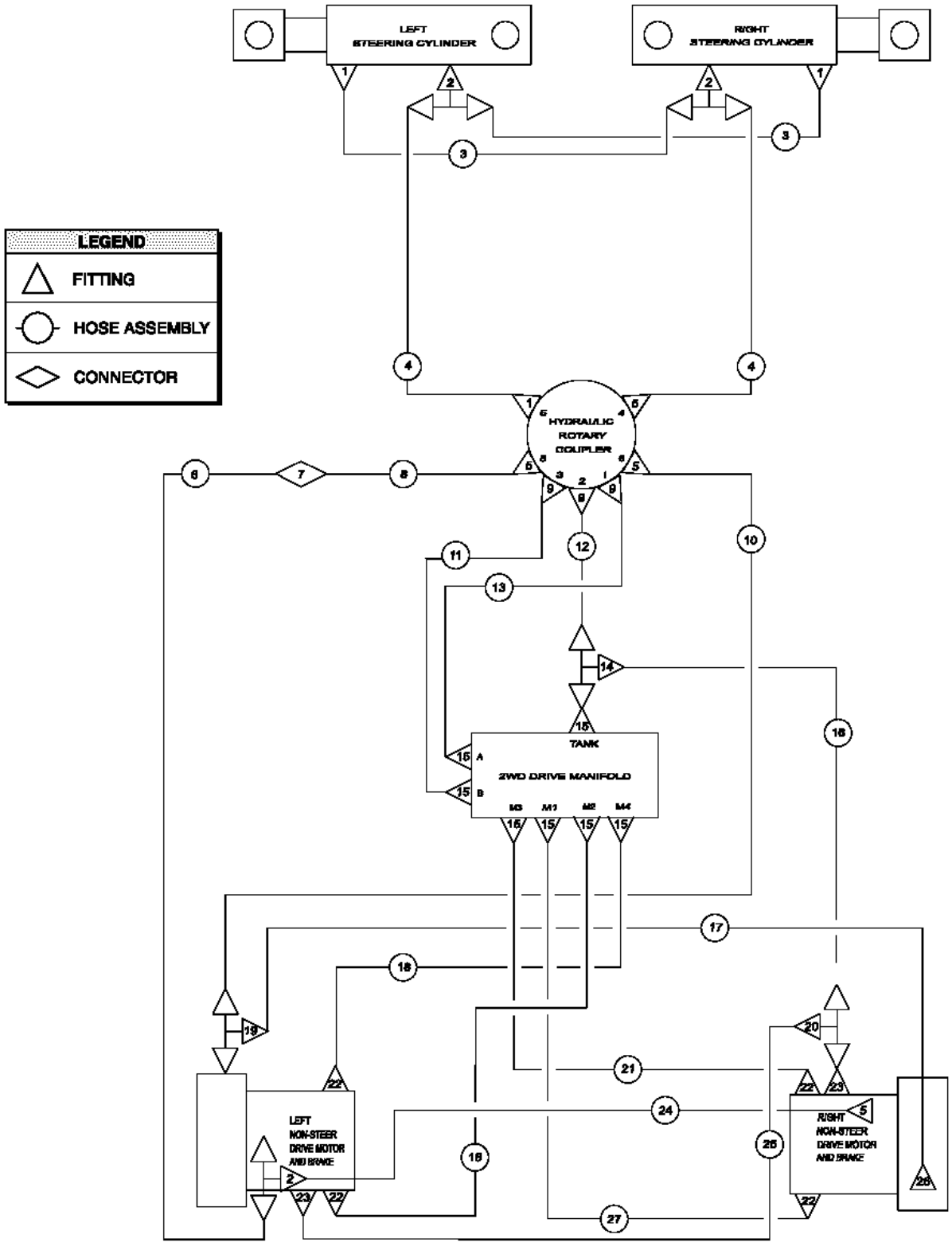
206.1 2WD Oscillation Manifold and Control Valve



Item	*Part No.*	*Description*	*Qty.*
21	48880GT	CAP,DIAGNOSTIC NIPPLE	1
22	29737GT	PLUG,ORIFICE,0.052 INCH KK, Differential sensing circuit	1
23	32725GT	VALVE,CHECK (30797) PP, Oscillate check - right	1

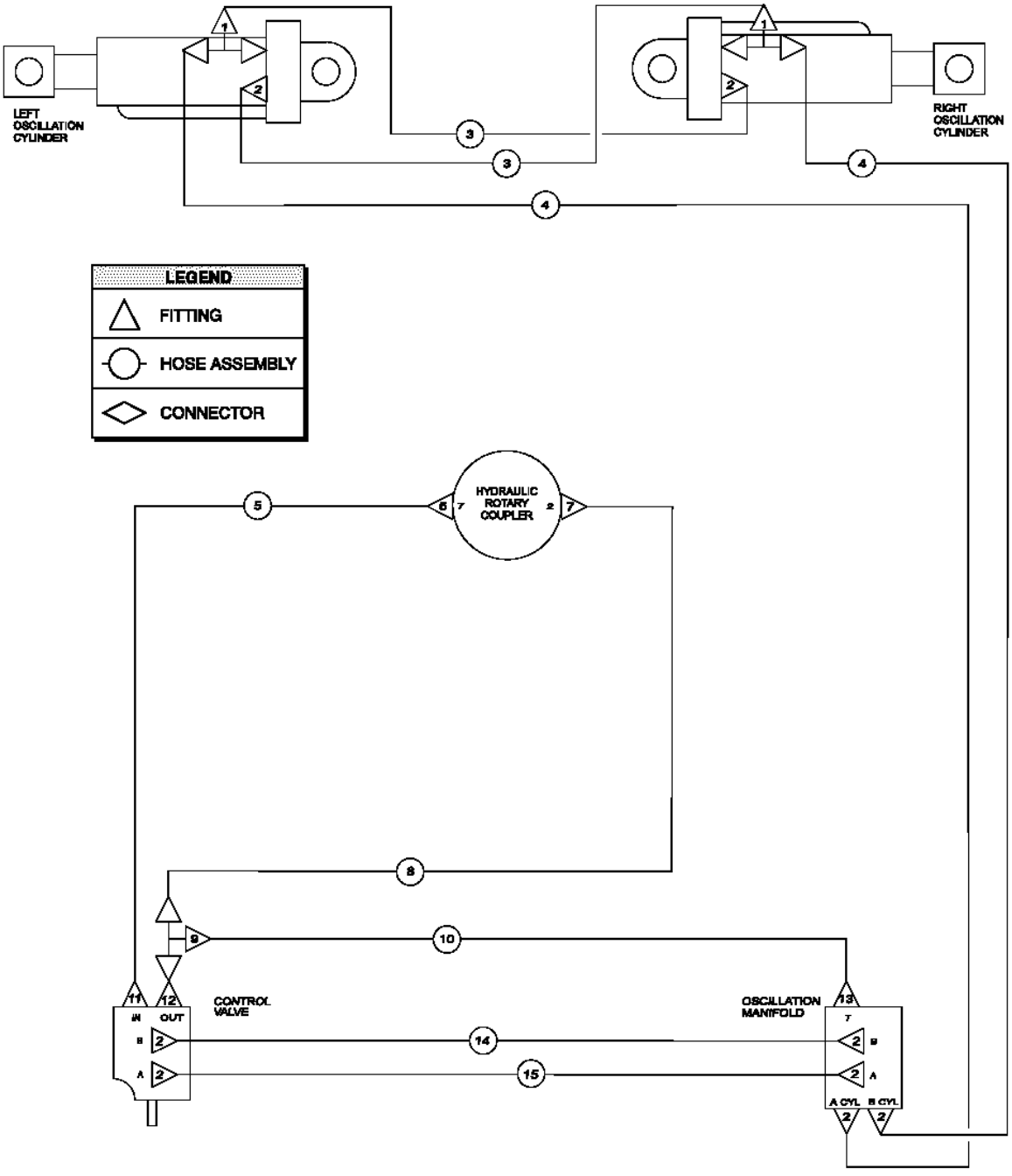

LEFT
STEERING CYLINDER
RIGHT
STEERING CYLINDER
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
HYDRAULIC
ROTARY
COUPLER
TANK
2WD DRIVE MANIFOLD
M3
M1
M2
M4
LEFT
NON-STEER
DRIVE MOTOR
AND BRAKE
RIGHT
NON-STEER
DRIVE MOTOR
AND BRAKE

Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48916GT	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	TEE,RUN,SWIVEL,520432-12	1
15	48960GT	CONN,520120-4-6***	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	1


LEFT
STEERING CYLINDER
RIGHT
STEERING CYLINDER
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
HYDRAULIC
ROTARY
COUPLER
TANK
2WD DRIVE MANIFOLD
M3
M1
M2
M4
LEFT
NON-STEER
DRIVE MOTOR
AND BRAKE
RIGHT
NON-STEER
DRIVE MOTOR
AND BRAKE

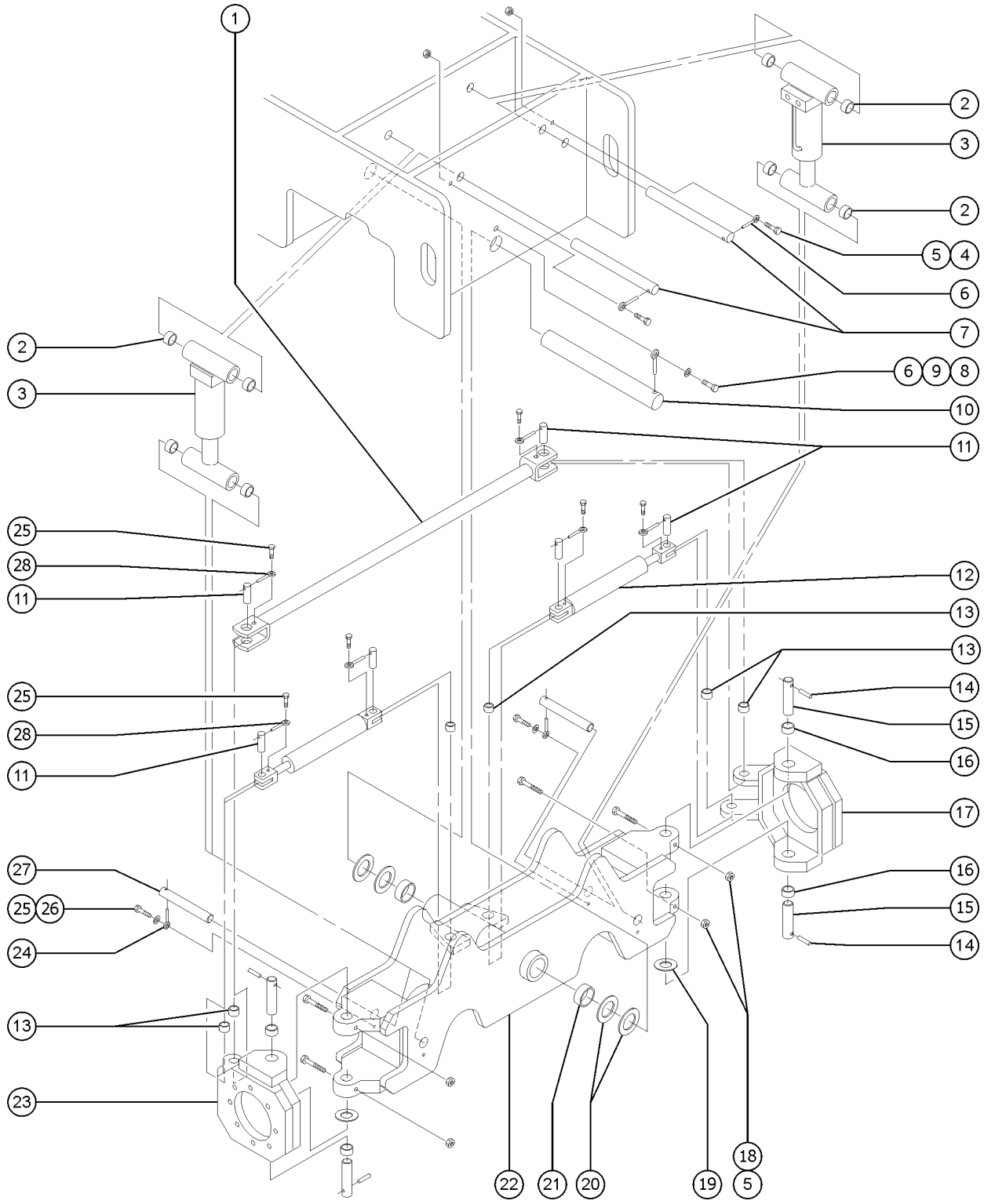
Item	*Part No.*	*Description*	*Qty.*
27	49157-4100GT	HOSE ASSEMBLY-3/4" 100R12	1

208.1 2WD Hydraulic Hoses and Fittings - Oscillation System



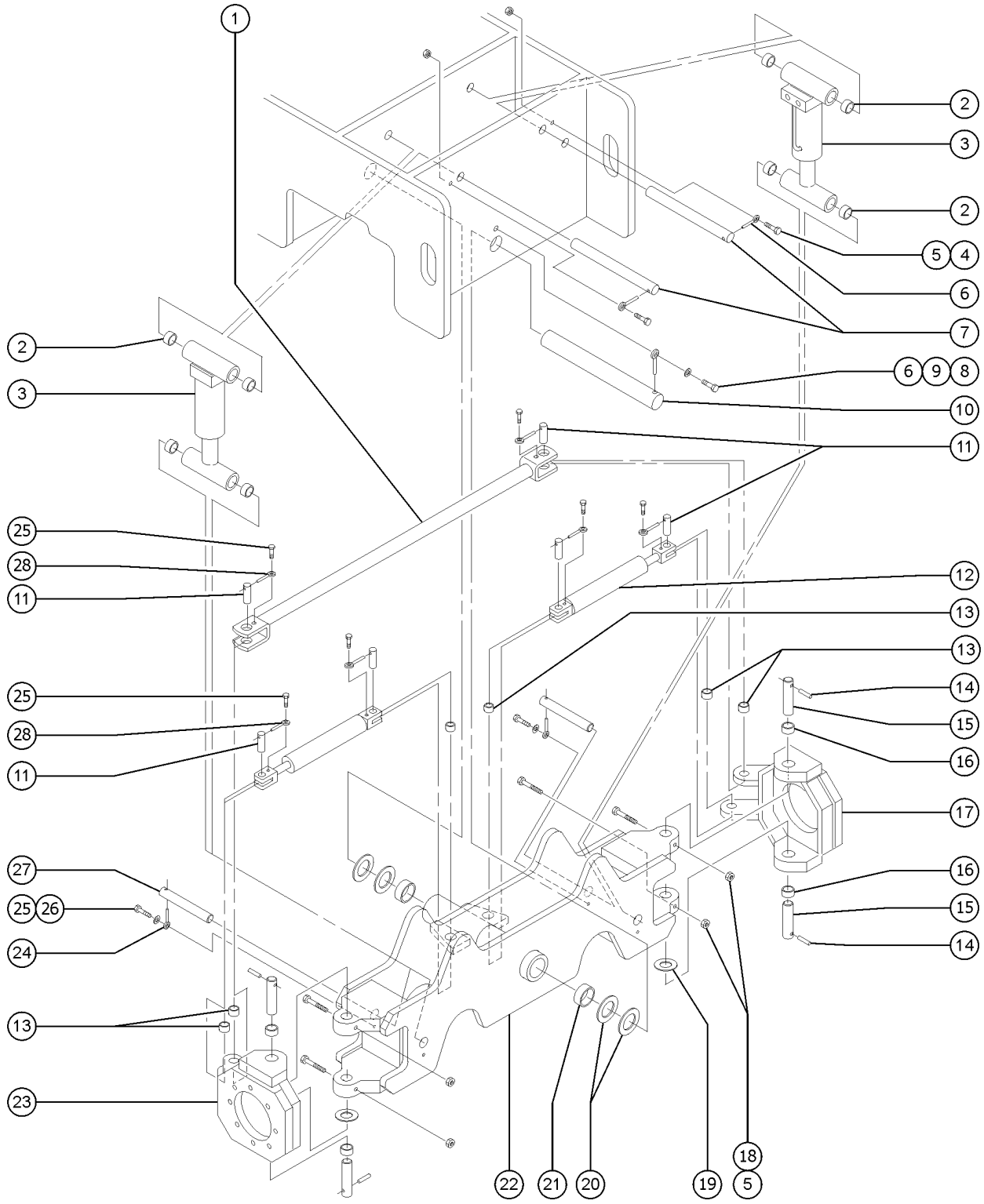
Item	*Part No.*	*Description*	*Qty.*
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48918GT	TEE,RUN,520428-6	2
2	48916GT	CONN, 520120-6	8
3	49104-1400GT	HOSE ASSEMBLY-3/8" 100R2	2
4	49104-14300GT	HOSE ASSEMBLY-3/8" 100R2	2
5	49104-6909GT	HOSE ASSEMBLY,3/8"	1
6	48915GT	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



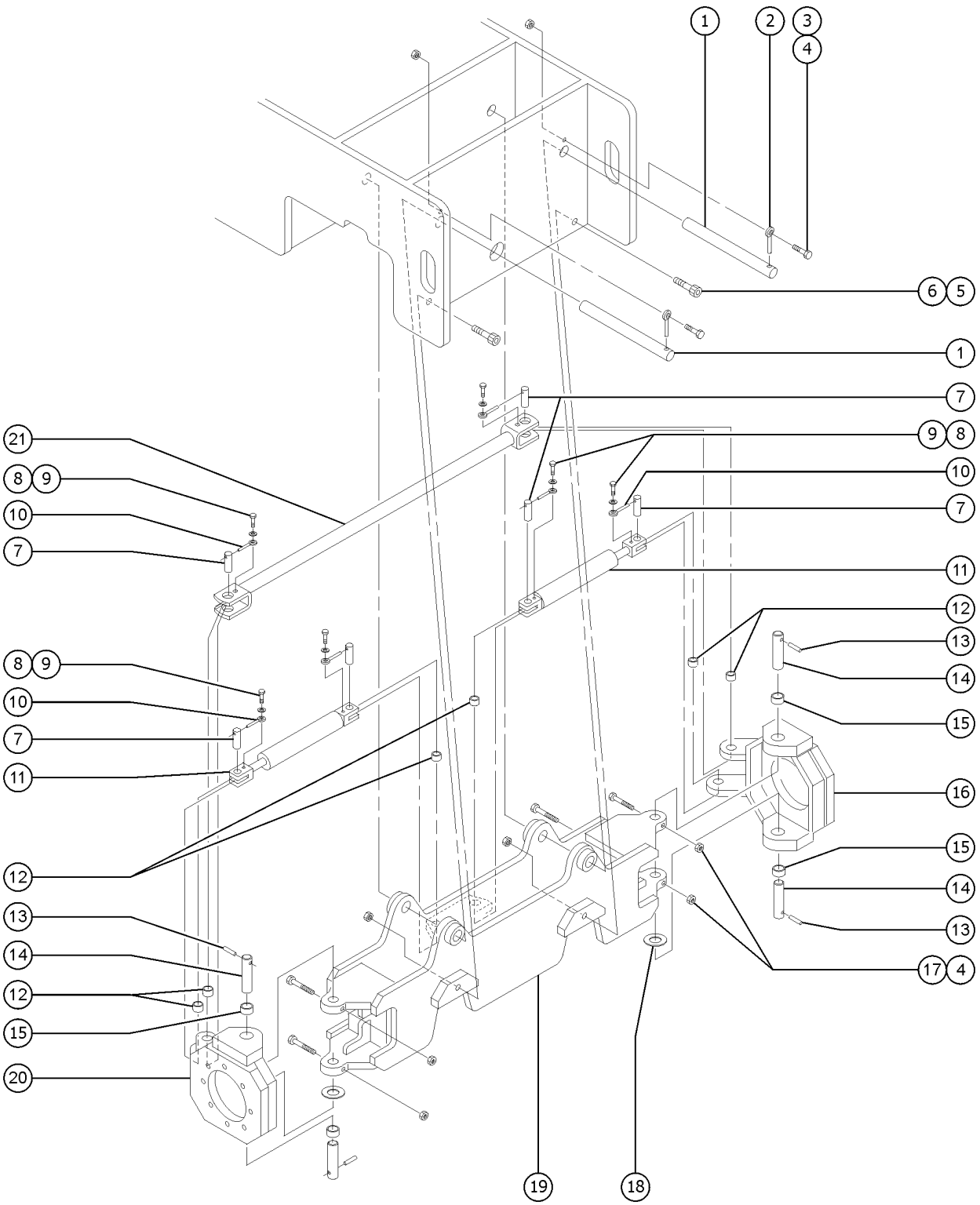
Item	Part No.	Description	Qty.
1	63156GT	TIE ROD WELDMENT,S60***	1
2	45072GT	BEARING,GARLOCK,24DU24	8
3	1264673GT	CYLINDER, OSCILLATE, S60 includes 4 each Index No. 2	2
3-	63355GT	SEAL KIT CYL.S60(63215)	2
3-	33428GT	VALVE,COUNTERBALANCE	2
4	6096GT	SCREW,HHC,1/2-13 X 2 GR5	3
5	6086GT	NUT,LP NYLOCK,1/2-13	6
6	1256267GT	ROD END,.5 X 3.75,ZAG	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
11	30734GT	PIN,1.00DIAX2.88LG,1HOLE measure before ordering	6
11B	34276GT	PIN,1.25DIAX3.37LG,1HOLE measure before ordering	
12	53463GT	KIT,STEER CYLINDER,RETRO S60** to SN 3908; includes 88346	2
12B	88346GT	CYLINDER,S60/65 STEER*** from SN 3909	2
12B-	59437GT	SEAL KIT,2.5" BORE 1.5" ROD*** for cylinder 59227; check stamp on part prior to ordering	2
12B-	59050GT	SEAL KIT,2.5" BORE,1.5" ROD*** for cylinder 59000; check stamp on part prior to ordering	2
12B-	88347GT	SEAL KIT,STEER CYL,S60/65*** for cylinder 88346; check stamp on part prior to ordering	2
13	53452GT	BEARING,1.00IDX1.50ODX1.00L measure before ordering	6
13B	30370GT	BEARING,1.25IDX1.5ODX1.00L measure before ordering	
14	14815GT	PIN,ROLL,SST,.25 X 2.25	4
15	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360 top pin with mounting hole in top	4
15B	53081GT	PIN,1.50DIAX4.76LG,2HOLE lower pin	4
16	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
17	33942GT	YOKE ASSEMBLY, LEFT SIDE 4WD includes 2 each Index No's. 13 and 16	1
18	8220GT	SCREW,HHC,1/2-13 X 4	4
19	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2

301.1 Steer Axle Linkage - Oscillating Models

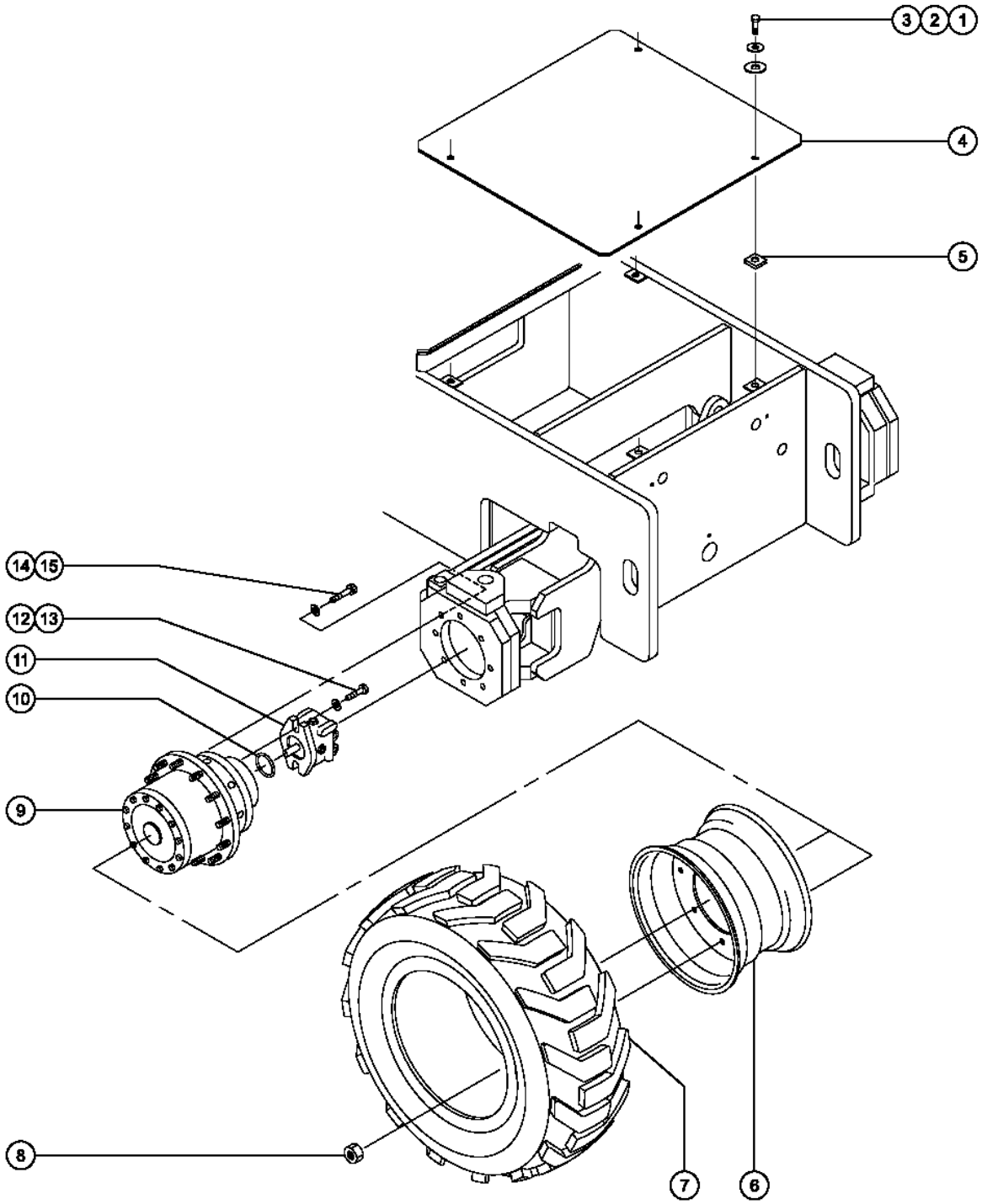


Item	*Part No.*	*Description*	*Qty.*
20	29746GT	WASHER,FLAT,2.5 X 4 X .062	
21	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
22	33908GT	STEER AXLE ASSEMBLY, OSC, S-60 includes 2 each Index No's. 13 and 21	1
23	33941GT	YOKE ASSEMBLY, RIGHT SIDE 4WD includes 2 each Index No's. 13 and 16	1
24	825019GT	ROD END, .375X3.69, ZAG	2
25	6175GT	SCREW,HHC,3/8-16 X 1	8
26	6021GT	WASHER,LOCK,.375	2
27	47955GT	PIN,1.50DIAX10.45LG,1HOLE	2
28	1255452GT	ROD END,.375 X 2.25,ZAG	6

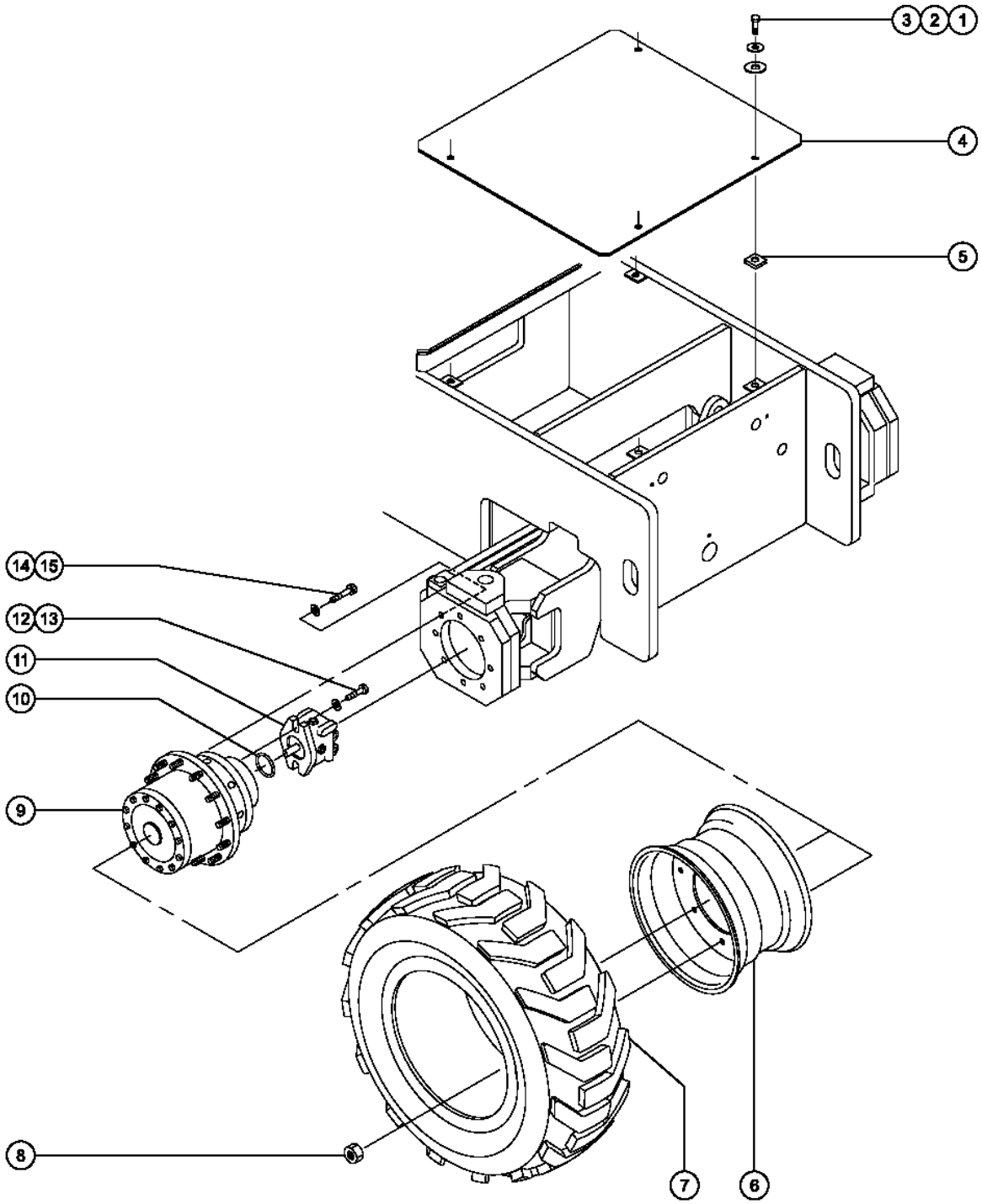
302.1 Steer Axle Linkage - Non-oscillating Models



Item	Part No.	Description	Qty.
1	30731GT	PIN,PRIM.BOOM,16.0 X 1.5 INCH	2
2	1256267GT	ROD END,.5 X 3.75,ZAG	2
3	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
4	6086GT	NUT,LP NYLOCK,1/2-13	6
5	45066GT	SCREW,SHC,5/8-11 X 2.25	2
6	6024GT	NUT,NYLOCK,5/8-11	2
7	30734GT	PIN,1.00DIAX2.88LG,1HOLE measure before ordering	6
7B	34276GT	PIN,1.25DIAX3.37LG,1HOLE measure before ordering	
8	6175GT	SCREW,HHC,3/8-16 X 1	6
9	6021GT	WASHER,LOCK,.375	6
10	1255452GT	ROD END,.375 X 2.25,ZAG	6
11	53463GT	KIT,STEER CYLINDER,RETRO S60** to SN 3908; includes 88346	2
11B	88346GT	CYLINDER,S60/65 STEER*** from SN 3909	2
11-	59437GT	SEAL KIT,2.5" BORE 1.5" ROD*** for cylinder 59227; check stamp on part prior to ordering	2
11-	59050GT	SEAL KIT,2.5" BORE,1.5" ROD*** for cylinder 59000; check stamp on part prior to ordering	2
11-	88347GT	SEAL KIT,STEER CYL,S60/65*** for cylinder 88346; check stamp on part prior to ordering	2
12	53452GT	BEARING,1.00IDX1.50ODX1.00L measure before ordering	6
12B	30370GT	BEARING,1.25IDX1.5ODX1.00L measure before ordering	
13	14815GT	PIN,ROLL,SST,.25 X 2.25	4
14	30736GT	PIN,1.50 DIA X 4.76 LG.GES1360 top pin	1
14B	53081GT	PIN,1.50DIAX4.76LG,2HOLE lower pin	4
15	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
16	33942GT	YOKE ASSEMBLY, LEFT SIDE 4WD includes 2 each Index No's. 12 and 15	1
17	8220GT	SCREW,HHC,1/2-13 X 4	4
18	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
19	33943GT	STEER AXLE ASSY, NON OSC,S-60 includes 2 each Index No. 12	1
20	33941GT	YOKE ASSEMBLY, RIGHT SIDE 4WD includes 2 each Index No's.12 and 15	1
21	63156GT	TIE ROD WELDMENT,S60***	1

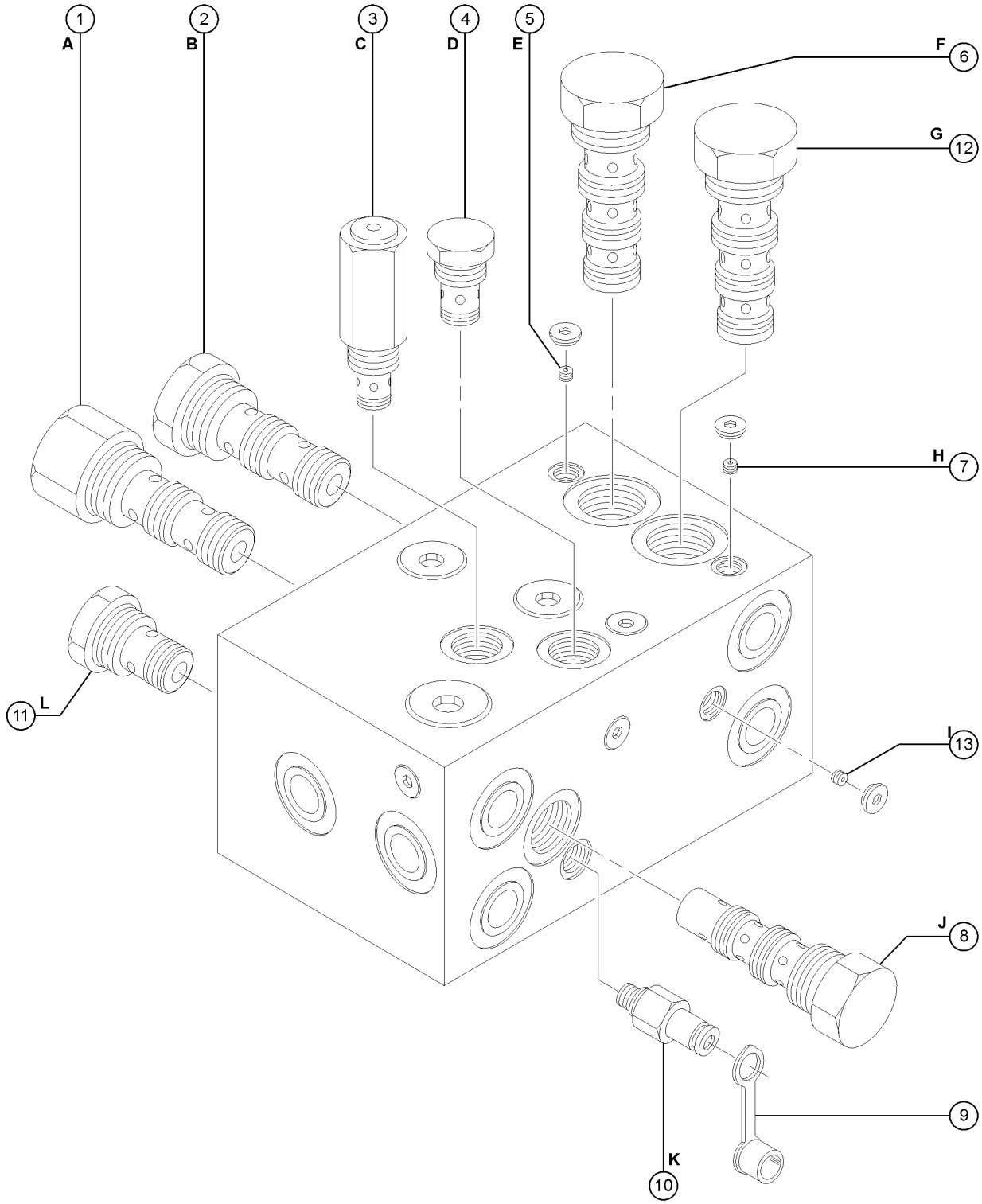

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Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	4
2	6356GT	WASHER,LOCK,.25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	33448GT	COVER W/DECALS,DR.CHAS.STR.END	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
6	73184GT	WHEEL,19.5 X 11.75,10 HOLE***	2
6-	73180GT	TIRE & WHEEL RH, AIR S60***	
6-	73182GT	TIRE & WHEEL ASSY.RIGHT,FF S60	
6-	73181GT	TIRE & WHEEL LH, AIR S60	
6-	73183GT	TIRE & WHEEL ASSY.LEFT,FF S60	
6-	73206GT	TIRE&WHEEL ASSY R,AF,NON-MARKI	
6-	73207GT	TIRE&WHEEL ASSY L,AF,NON-MARKI	
7	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2
7-	73210GT	TIRE,385 19.5,16PLY,NON-MARKI	2
8	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	20
9	33434GT	WHEEL DRIVE,W3 73:1*** to SN 7809	2
9-	33440GT	SEAL KIT,TORQUE HUB (34115)***	
9-	33441GT	STUD,WHEEL,3/4-16, (34115)	
9-	33989PGT	COVER, TORQUE HUB,PAINTED GRAY	
9-	33990GT	O-RING, TORQUE HUB COVER	
9-	33991GT	ACTUATOR,FOR/DISCONNECT ROD	
9-	33992GT	DISCONNECT ROD, TORQUE HUB	
9-	58238GT	BEARING KIT,WHEEL DRIVE,S60***	
9-	58283GT	BOLT,COVER,WHEEL DRIVE,W3***	
9-	147558GT	KIT,BEARING,TAPERED,OUTER*** (for 33434 and 53483 wheel drive)	
9-	147559GT	KIT,BEARING,TAPERED,INNER*** (for 33434 and 53483 wheel drive)	
9-	33990GT	O-RING, TORQUE HUB COVER	2
9-	33991GT	ACTUATOR,FOR/DISCONNECT ROD	2


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Item	*Part No.*	*Description*	*Qty.*
9-	33992GT	DISCONNECT ROD, TORQUE HUB	2
9-	65855GT	SNAP RING, W3/W6 TORQUE HUB* (for 33434 and 53483 wheel drive)	
9-	72288GT	COUPLER, METAL(53483) (for 33434 and 53483 wheel drive)	
9-	83084GT	SEAL,LIP (33434)***	
9B	53483GT	WHEEL DRIVE,HW3 87:1*** from SN 7810; limited inventory, component no longer available	2
9B-	58284GT	COVER PLATE,WHEEL DRIVE,HW3*** (for 53483)	
10	33433GT	O-RING,MOTOR TORQUE HUB 34115 measures approx 4" x 0.0625"	2
11	139962GT	MOTOR,WHEEL,25CC FIXED*** includes Index No. 10; to SN 7809	2
11-	32675GT	SEAL KIT,SUNSTRAND	2
11-	73238GT	MOTOR,HYD DRIVE,2SPEED,4WD from SN 7810	2
12	8177GT	SCREW,HHC,1/2-13 X 1.5	4
13	13066GT	WASHER,FLAT,.5 HARDENED	4
14	45066GT	SCREW,SHC,5/8-11 X 2.25	16
15	13064GT	WASHER,FLAT,.625 HARDENED	16

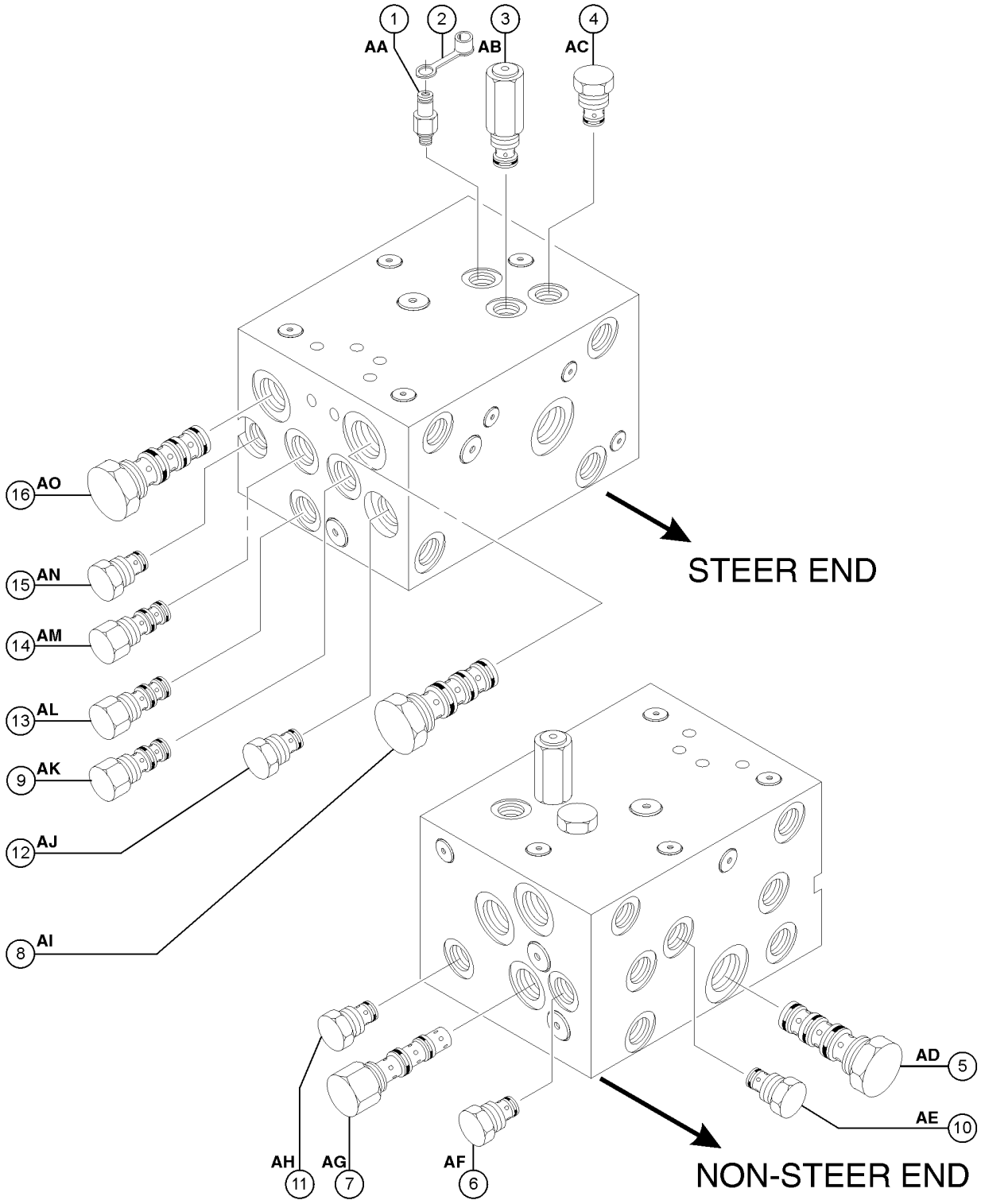
304.1 Drive Manifold (to SN 7809)



304.1 Drive Manifold (to SN 7809)

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

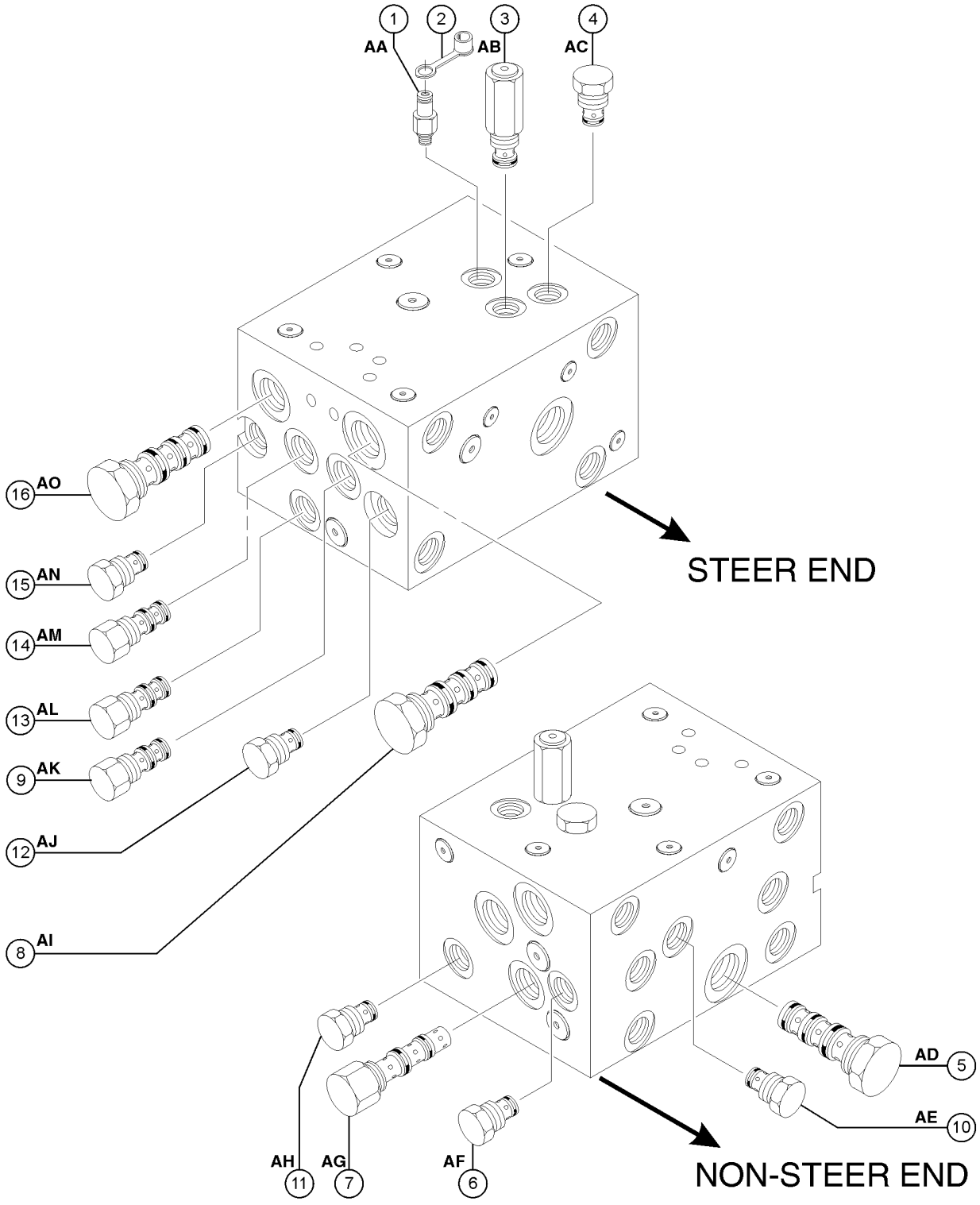
304.2 Drive Manifold (from SN 7810 to 09153)



304.2 Drive Manifold (from SN 7810 to 09153)

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

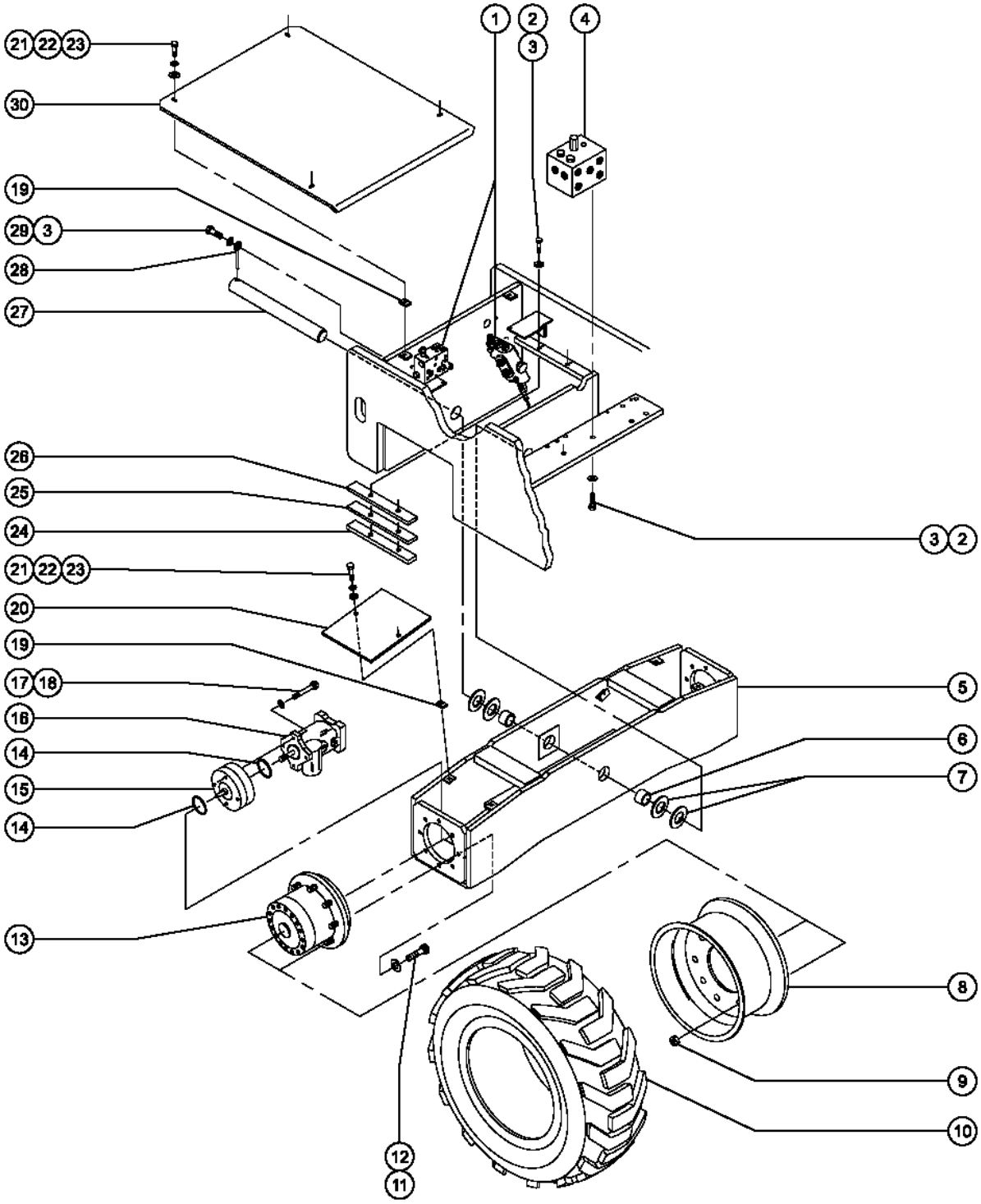
304.2 Drive Manifold (from SN 7810 to 09153)



304.2 Drive Manifold (from SN 7810 to 09153)

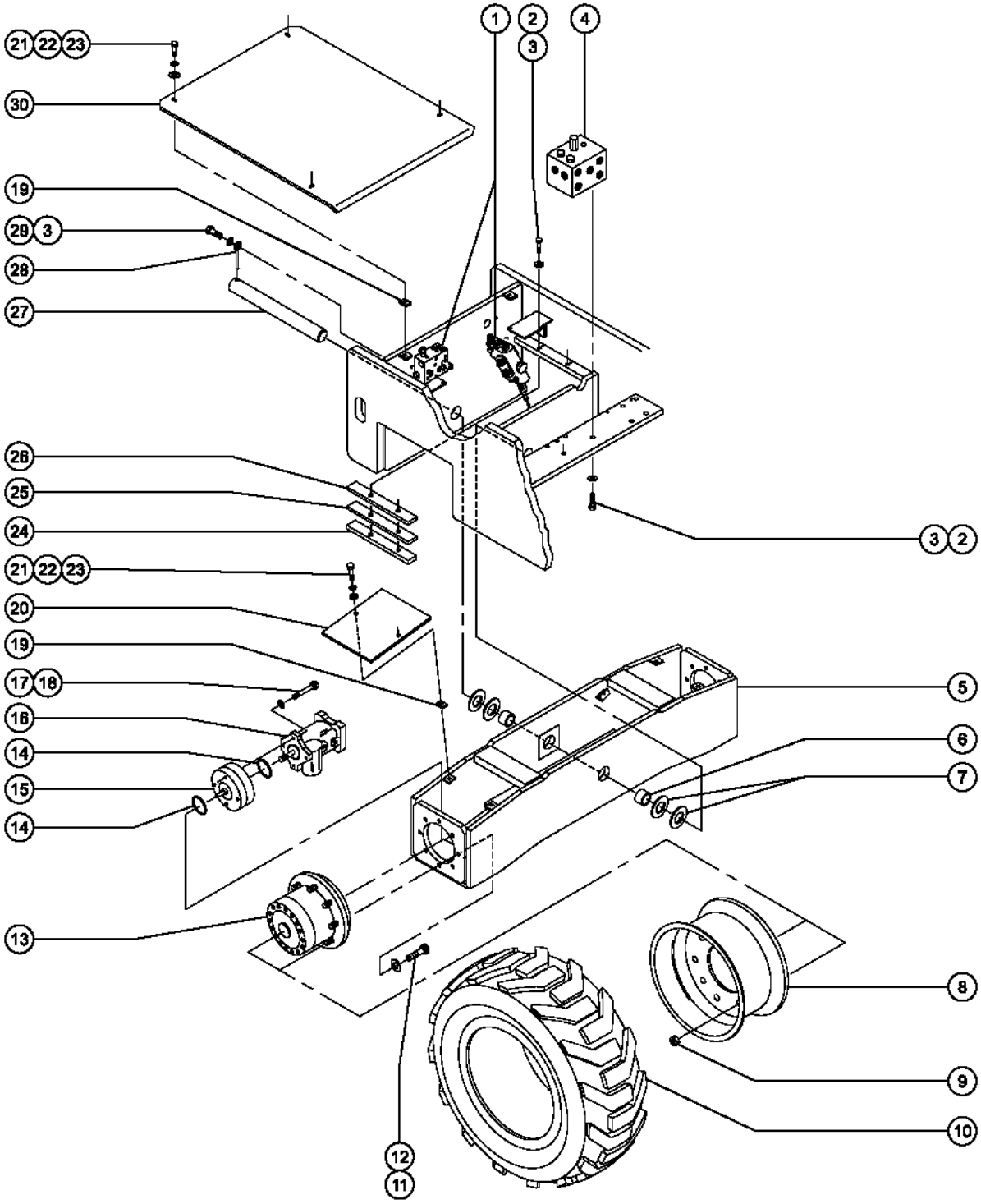
Item	*Part No.*	*Description*	*Qty.*
13-	89310GT	SEAL KIT, SOLENOID VALVE	
14	52723GT	VALVE-FLOW REGULATOR 2 GPM AM, Drive Circuit	1
14-	89310GT	SEAL KIT, SOLENOID VALVE	
15	69873GT	VALVE, CHECK AN, Drive Motor Anti-cavitation	1
15-	74902GT	SEAL KIT, VALVE	
16	62252GT	VALVE, FLOW DIVIDER COMBINER AO, Rear Wheel Drive Circuit	1
16-	84135GT	SEAL KIT, VALVE	

305.1 Non-steer Axle



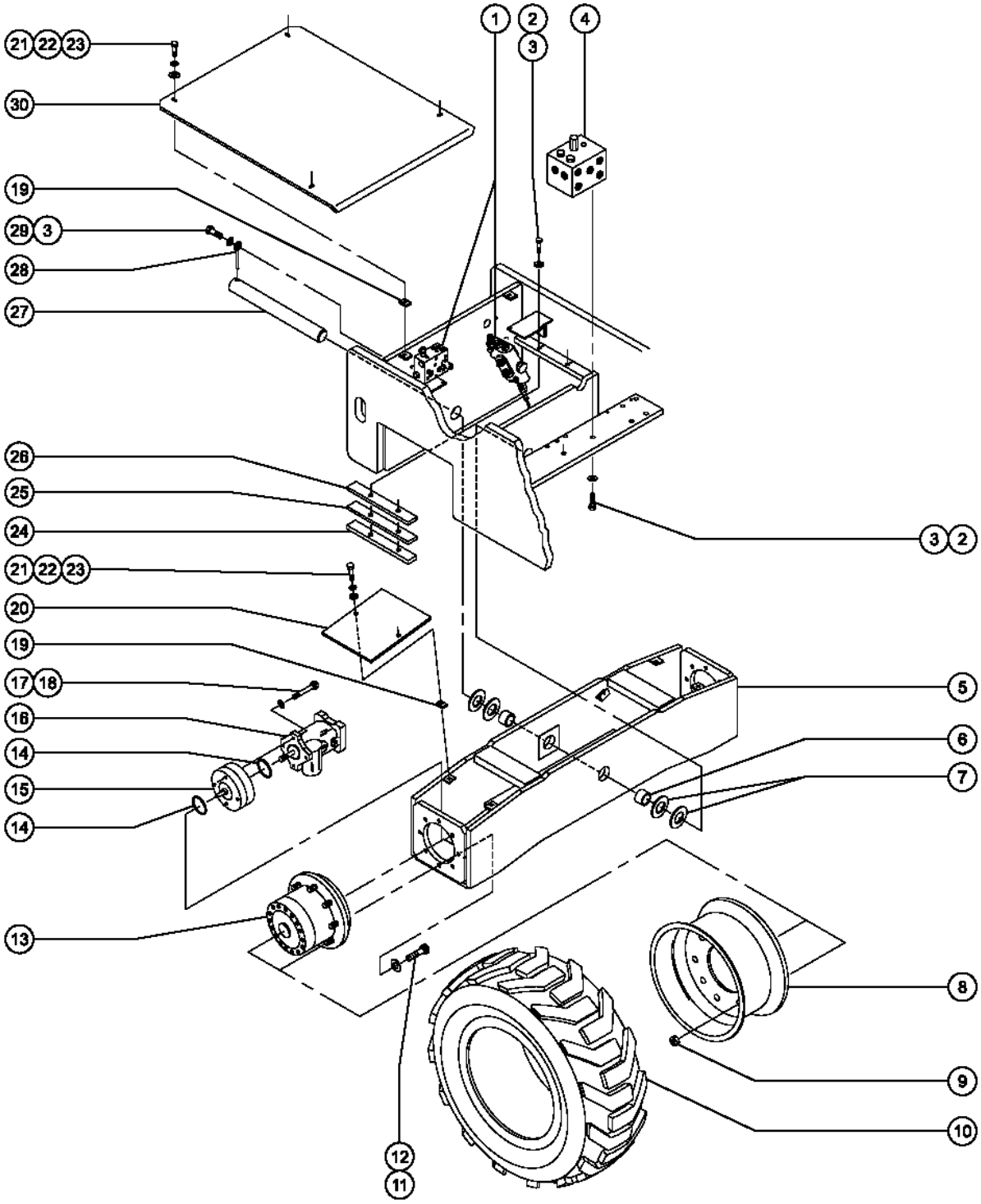
Item	Part No.	Description	Qty.
1		Ref. Oscillation Manifold and Control Valve refer to section 306.1	
2	8177GT	SCREW,HHC,1/2-13 X 1.5	6
3	6033GT	WASHER,LOCK,0.5"	7
4	40033GT	MANIFOLD,TRCN W/BYPASS,4WD***	7
5	33945GT	NON-STEER AXLE ASSEMBLY S60%% includes Index No. 6	1
6	34639GT	BEARING,2.5"ID X 2.75 X 2.25"L to SN 7820	2
6-	27698GT	BEARING,2.50IDX2.75ODX2.00L from SN 7821	2
7	29746GT	WASHER,FLAT,2.5 X 4 X .062	
8	73184GT	WHEEL,19.5 X 11.75,10 HOLE***	2
8-	73180GT	TIRE & WHEEL RH, AIR S60***	2
8-	73182GT	TIRE & WHEEL ASSY.RIGHT,FF S60	2
8-	73181GT	TIRE & WHEEL LH, AIR S60	2
8-	73183GT	TIRE & WHEEL ASSY.LEFT,FF S60	2
8-	73206GT	TIRE&WHEEL ASSY R,AF,NON-MARKI	2
8-	73207GT	TIRE&WHEEL ASSY L,AF,NON-MARKI	2
9	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	20
10	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2
10-	73210GT	TIRE,385 19.5,16PLY,NON-MARKI	2
11	45066GT	SCREW,SHC,5/8-11 X 2.25	16
12	13064GT	WASHER,FLAT,.625 HARDENED	16
13A	33434GT	WHEEL DRIVE,W3 73:1*** to SN 7809	2
13A-	33440GT	SEAL KIT,TORQUE HUB (34115)***	
13A-	33441GT	STUD,WHEEL,3/4-16, (34115)	
13A-	33989PGT	COVER, TORQUE HUB,PAINTED GRAY	
13A-	33990GT	O-RING, TORQUE HUB COVER	
13A-	33991GT	ACTUATOR,FOR/DISCONNECT ROD	
13A-	33992GT	DISCONNECT ROD, TORQUE HUB	
13A-	58238GT	BEARING KIT,WHEEL DRIVE,S60***	

305.1 Non-steer Axle



Item	Part No.	Description	Qty.
13A-	58283GT	BOLT,COVER,WHEEL DRIVE,W3***	
13A-	147558GT	KIT,BEARING,TAPERED,OUTER*** (for 33434 and 53483 wheel drive)	
13A-	147559GT	KIT,BEARING,TAPERED,INNER*** (for 33434 and 53483 wheel drive)	
13A-	33990GT	O-RING, TORQUE HUB COVER	2
13A-	33991GT	ACTUATOR,FOR/DISCONNECT ROD	2
13A-	33992GT	DISCONNECT ROD, TORQUE HUB	2
13A-	65855GT	SNAP RING, W3/W6 TORQUE HUB* (for 33434 and 53483 wheel drive)	
13A-	72288GT	COUPLER, METAL(53483) (for 33434 and 53483 wheel drive)	
13A-	83084GT	SEAL,LIP (33434)***	
13B	53483GT	WHEEL DRIVE,HW3 87:1*** from SN 7810; limited inventory, component no longer available	2
13B-	58284GT	COVER PLATE,WHEEL DRIVE,HW3*** (for 53483)	
14	22811GT	O-RING,MOTOR TO BRAKE*** measures approx 4" x 0.10"	4
15A	41914GT	BRAKE,MICO,1400 IN.LBS. ** includes 1 each Index No. 14; to SN 7809	2
15A-	41921GT	SEAL KIT,BRAKE,MICO for 41914	
15A-	29291GT	SEAL KIT,MICO for 73898	
15A-	41918GT	LINING KIT,MICO BRAKE	
15A-	29293GT	BEARING KIT,MICO	
15B	73899GT	BRAKE, WHEEL, 1600 INLB from SN 7810	2
15B-	77240GT	SEAL KIT, AUSCO BRAKE***	
15B-	77239GT	LINING KIT,AUSCO BRAKE***	
16A	24667GT	DRVE MOTOR REAR,4WD/1DEGREE includes 1 each Index No. 14; to SN 7809	2
16A-	65865GT	SEAL KIT, SUNSTRAND	2
16A-	83081GT	COVER, SERVO (24667)	
16A-	49897GT	GASKET,TURTLE,DRV MTR,EDC	
16B	73238GT	MOTOR,HYD DRIVE,2SPEED,4WD from SN 7810	2
17	7261GT	SCREW,HHC,1/2-13 X 5 BLACK	4
18	13066GT	WASHER,FLAT,.5 HARDENED	4
19	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	8

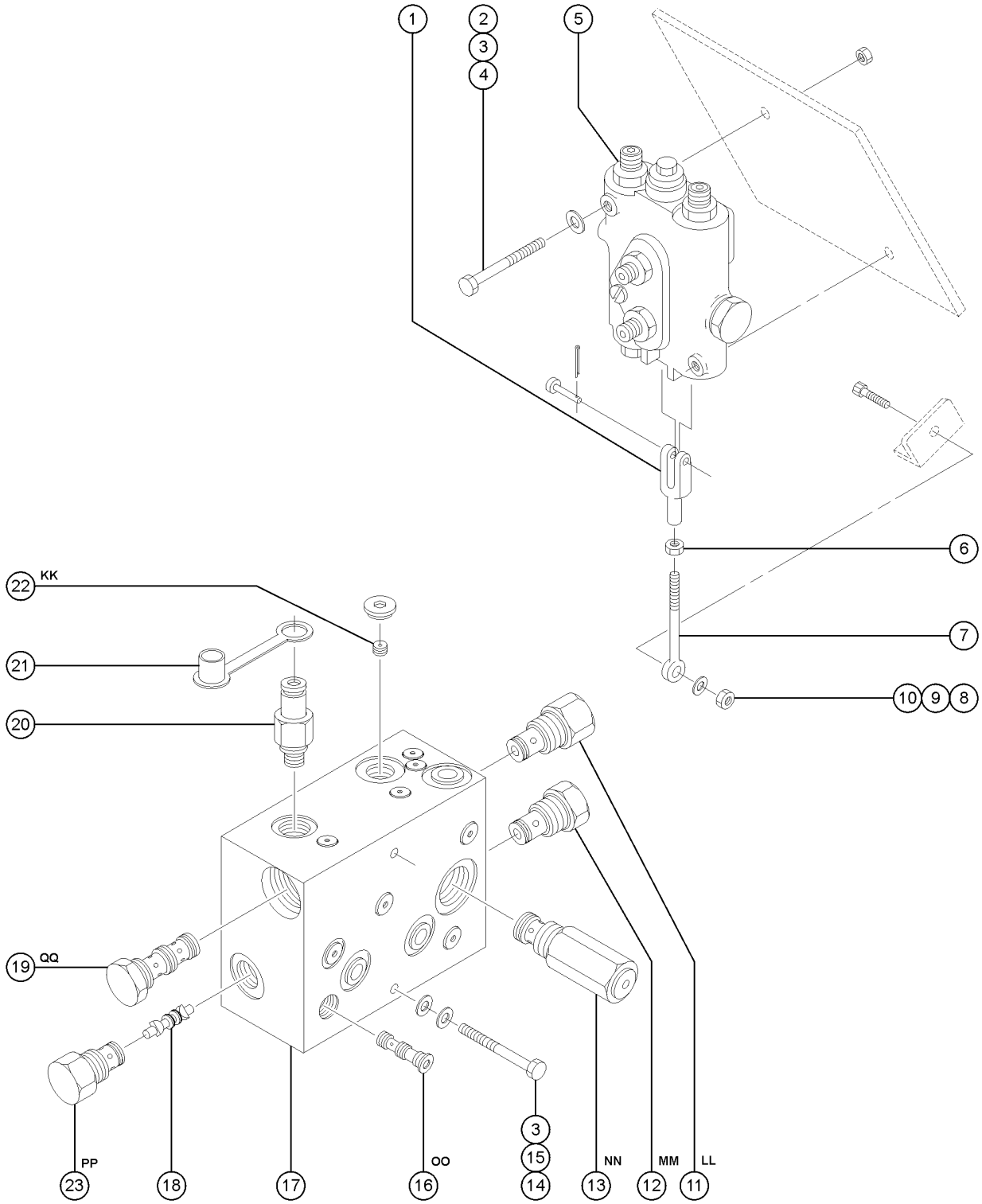
305.1 Non-steer Axle



305.1 Non-steer Axle

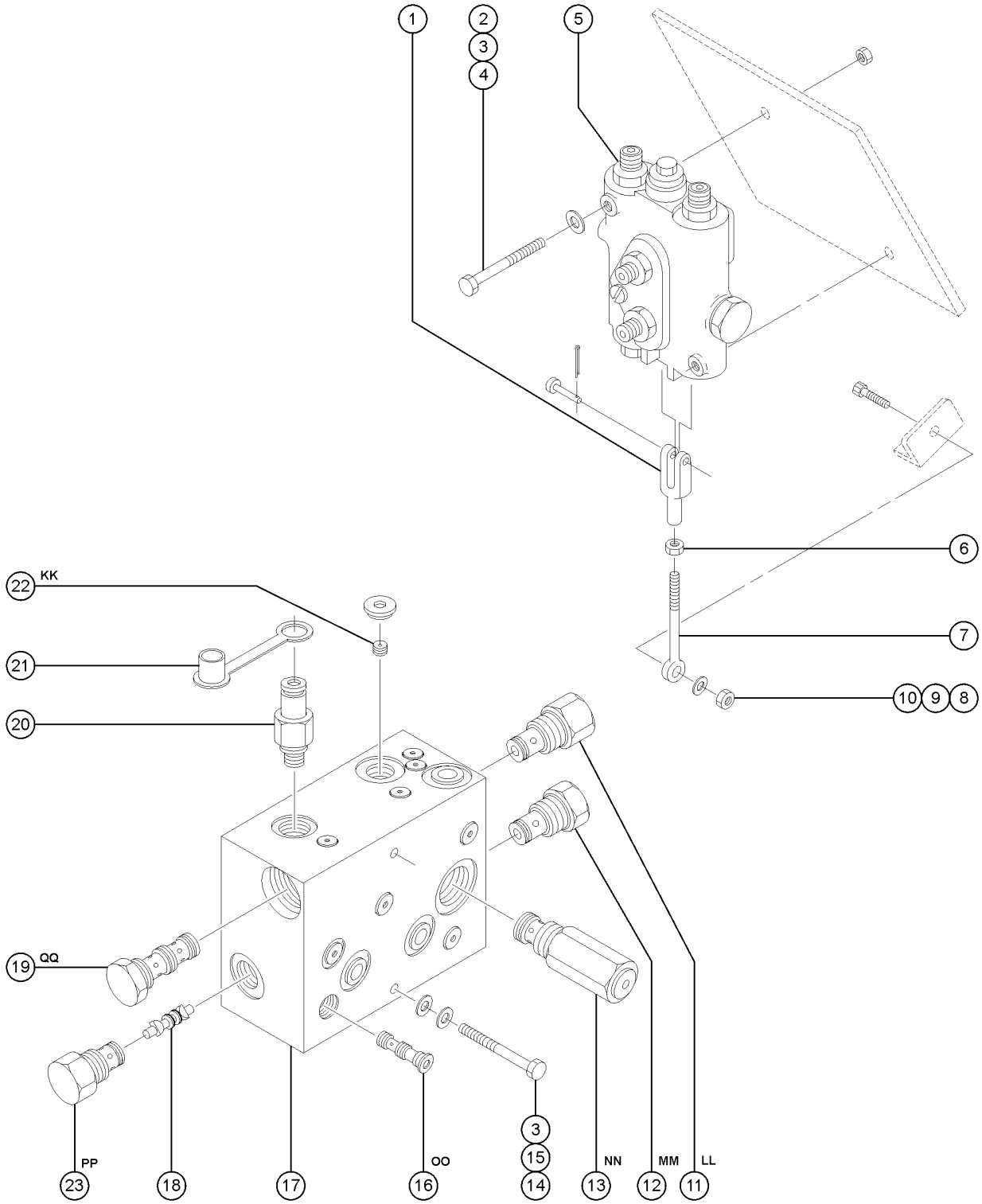
Item	Part No.	Description	Qty.
20	34409P-SGT	COVER,REAR AXLE BLUE	2
21	6090GT	SCREW, HHC, 1/4-20 X .75	8
22	6356GT	WASHER,LOCK,.25	8
23	6638GT	WASHER, FLAT, USS, 1/4"Y	8
24	34217P-SGT	BAR,AXLE ROTATION STOP,PAINTED non-oscillating models	2
24-	34218P-SGT	BAR,AXLE ROTATION STOP,OSC. non-oscillating models	2
25	34215GT	SHIM,AXLE ROTATION STOP,12GA	2
26	34216GT	SHIM,AXLE ROTATION STOP,22GA	2
27	34273GT	PIN,2.50DIAX21.12LG,1HOLE	1
28	1256267GT	ROD END,.5 X 3.75,ZAG	1
29	6096GT	SCREW,HHC,1/2-13 X 2 GR5	1
30A	58021GT	DRIV CHAS COVER ASSY N/S END sloped cover	1
30B	33944GT	COVR W/DECLS,DR CHAS,NS END	1

306.1 Oscillation Manifold and Control Valve



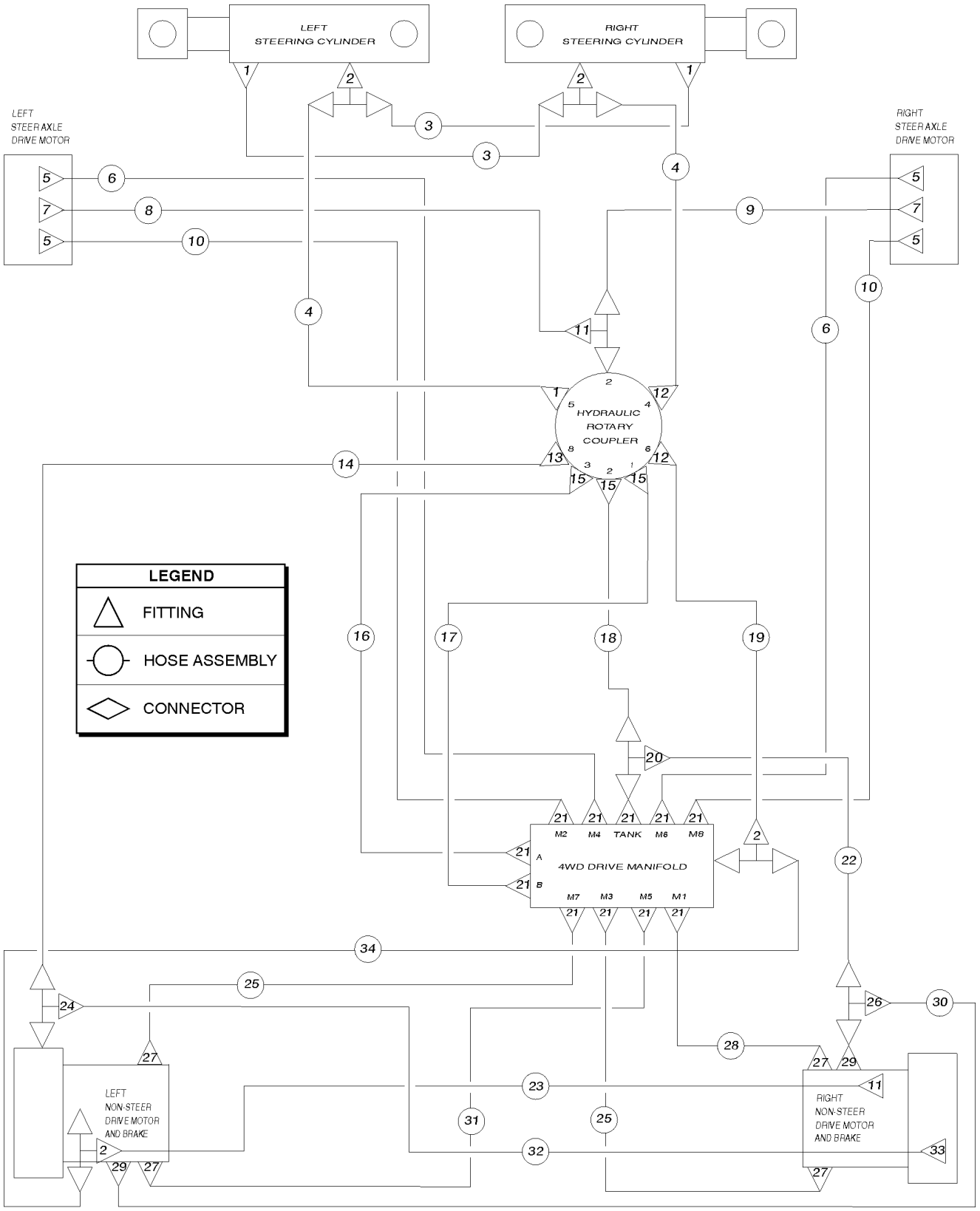
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	1
2	6884GT	SCREW,HHC,1/4-20 X 2.5	2
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	6091GT	NUT, NYLOCK, 1/4-20	2
5	30558GT	VLV,MAN,3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

306.1 Oscillation Manifold and Control Valve



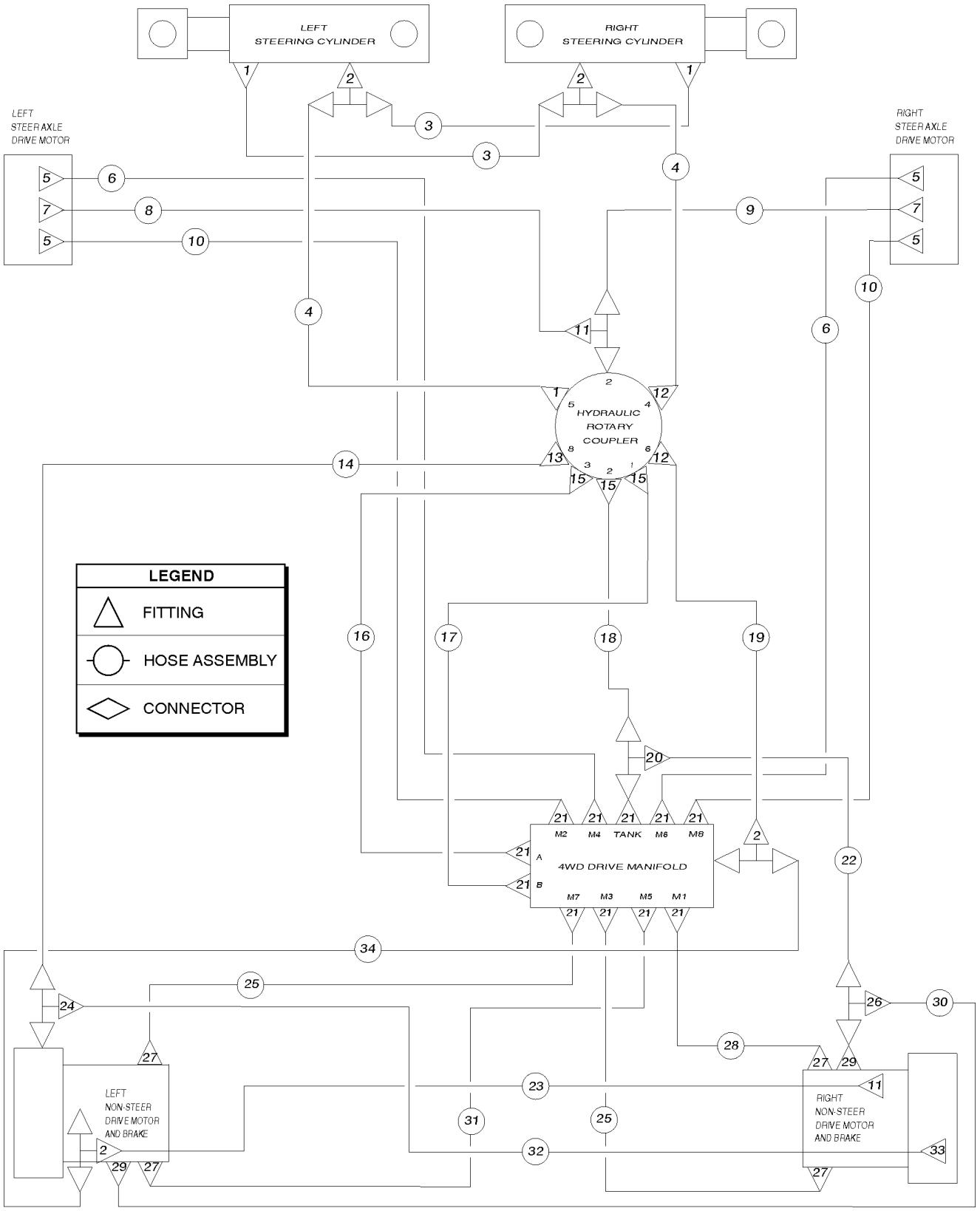
Item	*Part No.*	*Description*	*Qty.*
21	48880GT	CAP,DIAGNOSTIC NIPPLE	1
22	29737GT	PLUG,ORIFICE,0.052 INCH KK, Differential sensing circuit	1
23	32725GT	VALVE,CHECK (30797) PP, Oscillate check - right	

307.1 Hydraulic Hoses and Fittings - Drive and Steer Systems

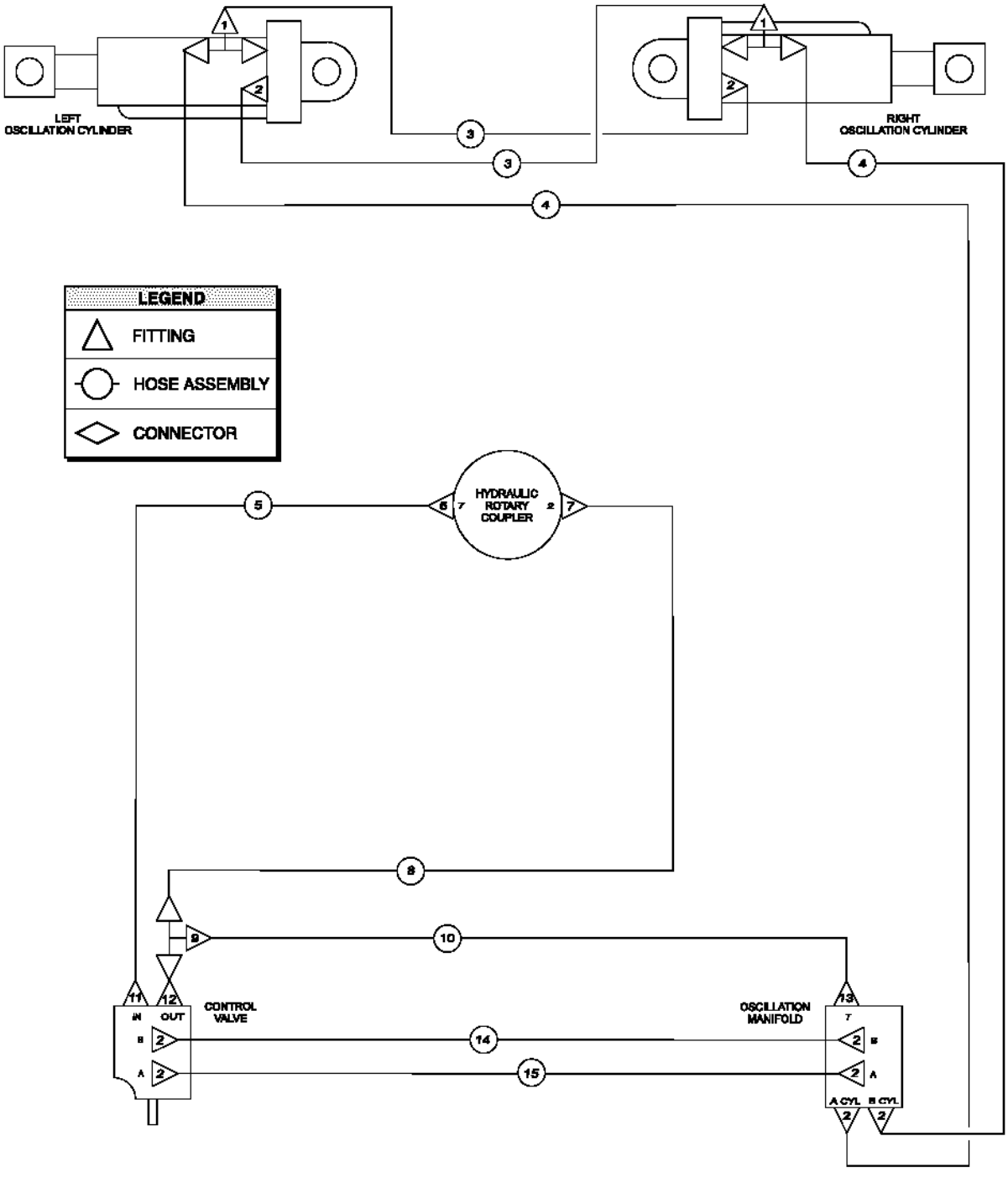


Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48916GT	CONN, 520120-6	3
2	48918GT	TEE,RUN,520428-6	4
3	49105-2750GT	HOSE ASSEMBLY-3/8" 100R2	2
4	49104-6400GT	HOSE ASSEMBLY-3/8" 100R2	2
5	48975GT	CONN,520120-12-10	4
6	49154-12650GT	HOSE ASSEMBLY-3/4" 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	TEE,RUN,SWIVEL,520432-12	1
21	48960GT	CONN,520120-4-6***	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

307.1 Hydraulic Hoses and Fittings - Drive and Steer Systems

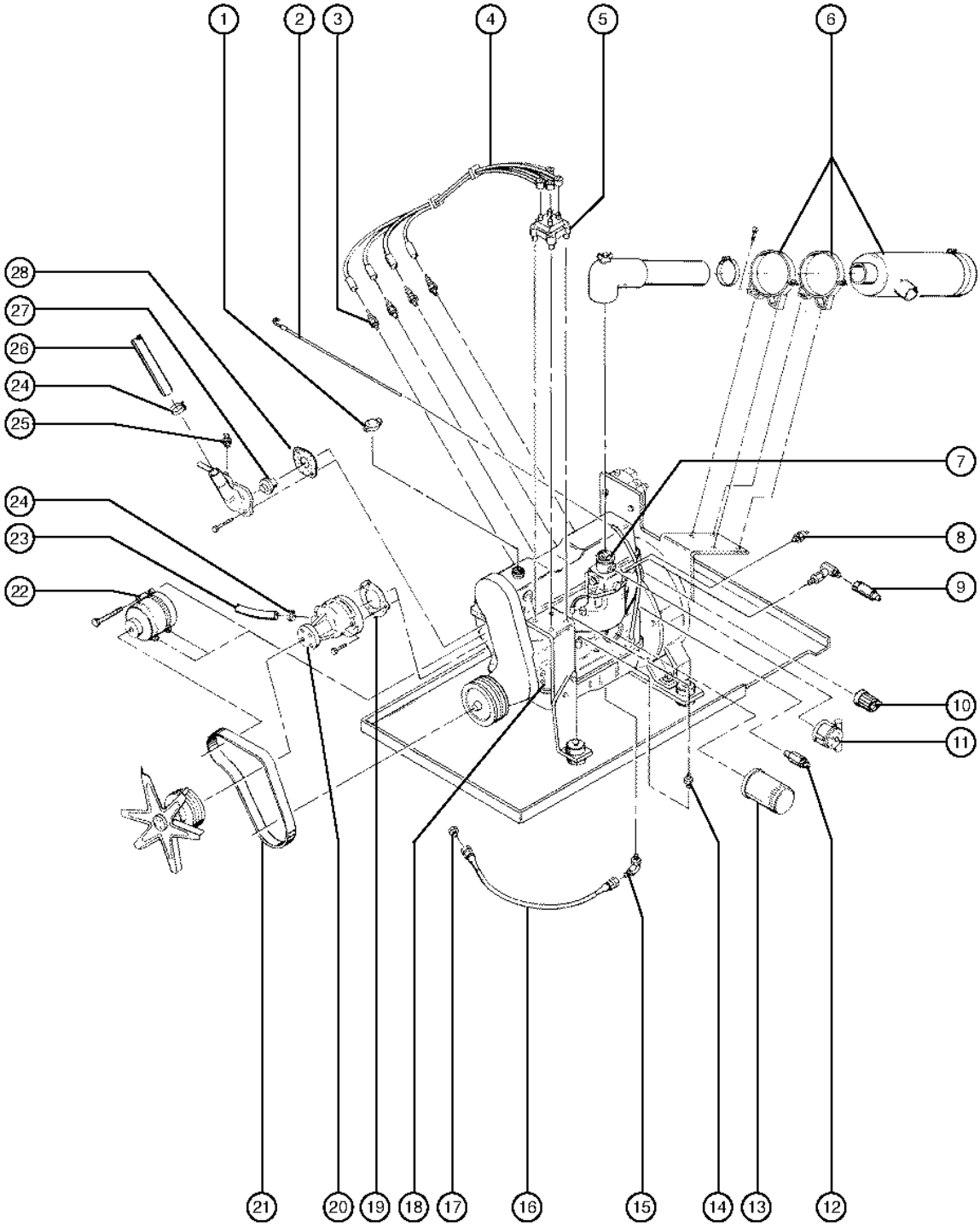


Item	*Part No.*	*Description*	*Qty.*
27	48976GT	ELBOW,90D,520220-12-16	4
28	49157-4035GT	HOSE ASSEMBLY,3/4"	1
29	48947GT	ELBOW,90D,520220-8-12	2
30	49143-5200GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
31	49157-4885GT	HOSE ASSEMBLY,3/4"	1
32	49119-6400GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
33	48904GT	ELBOW, 90D, 520220-4	1
34	218694GT	HOSE ASSY, S-60, DRIVE MOTOR	1


LEFT
OSCILLATION CYLINDER
RIGHT
OSCILLATION CYLINDER
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
HYDRAULIC
ROTARY
COUPLER
CONTROL
VALVE
IN
OUT
OSCILLATION
MANIFOLD
A CYL
B CYL

Item	*Part No.*	*Description*	*Qty.*
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48918GT	TEE,RUN,520428-6	2
2	48916GT	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

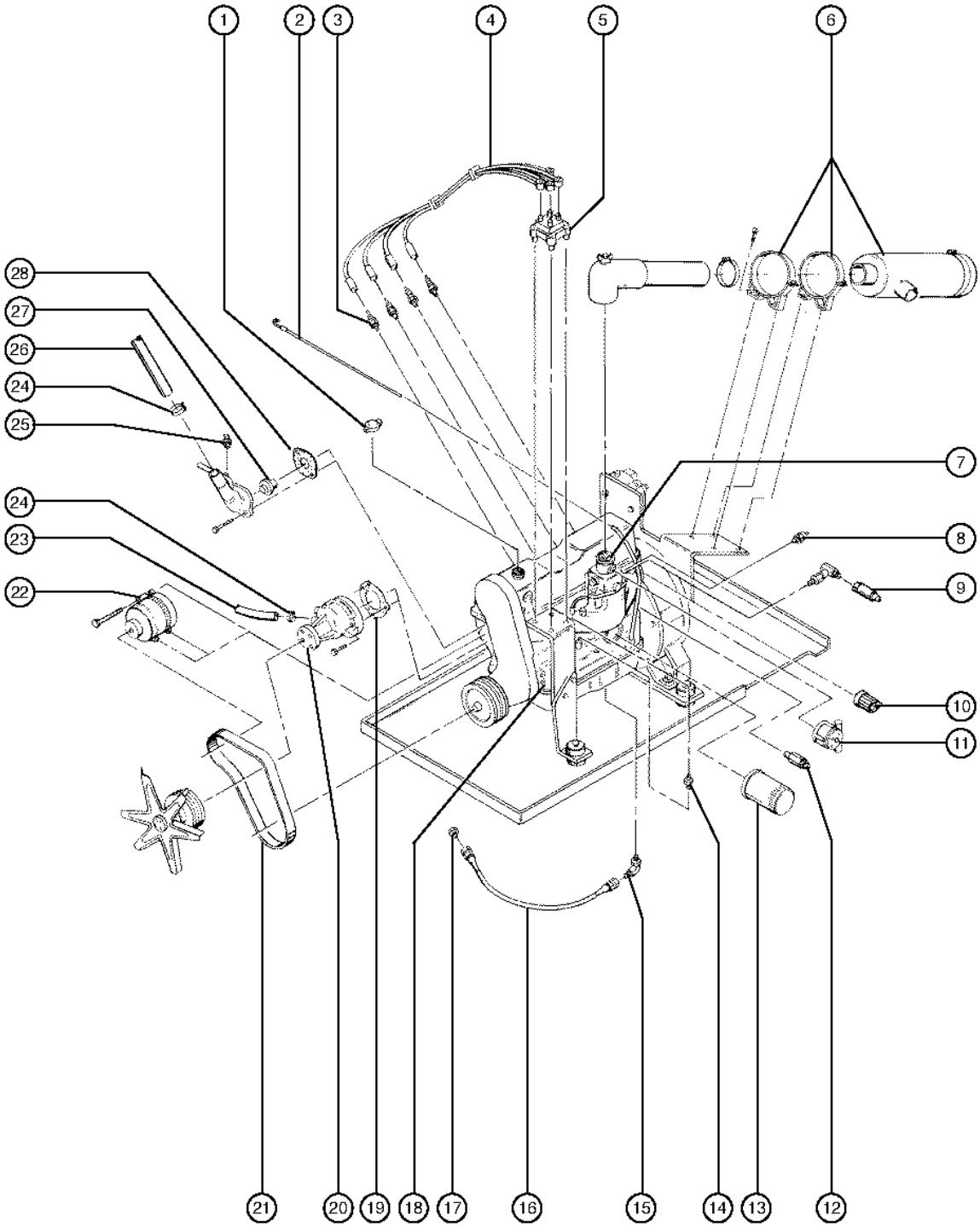
401.1 Ford LRG-423 Engine - View 1 (to SN 3089)



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

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

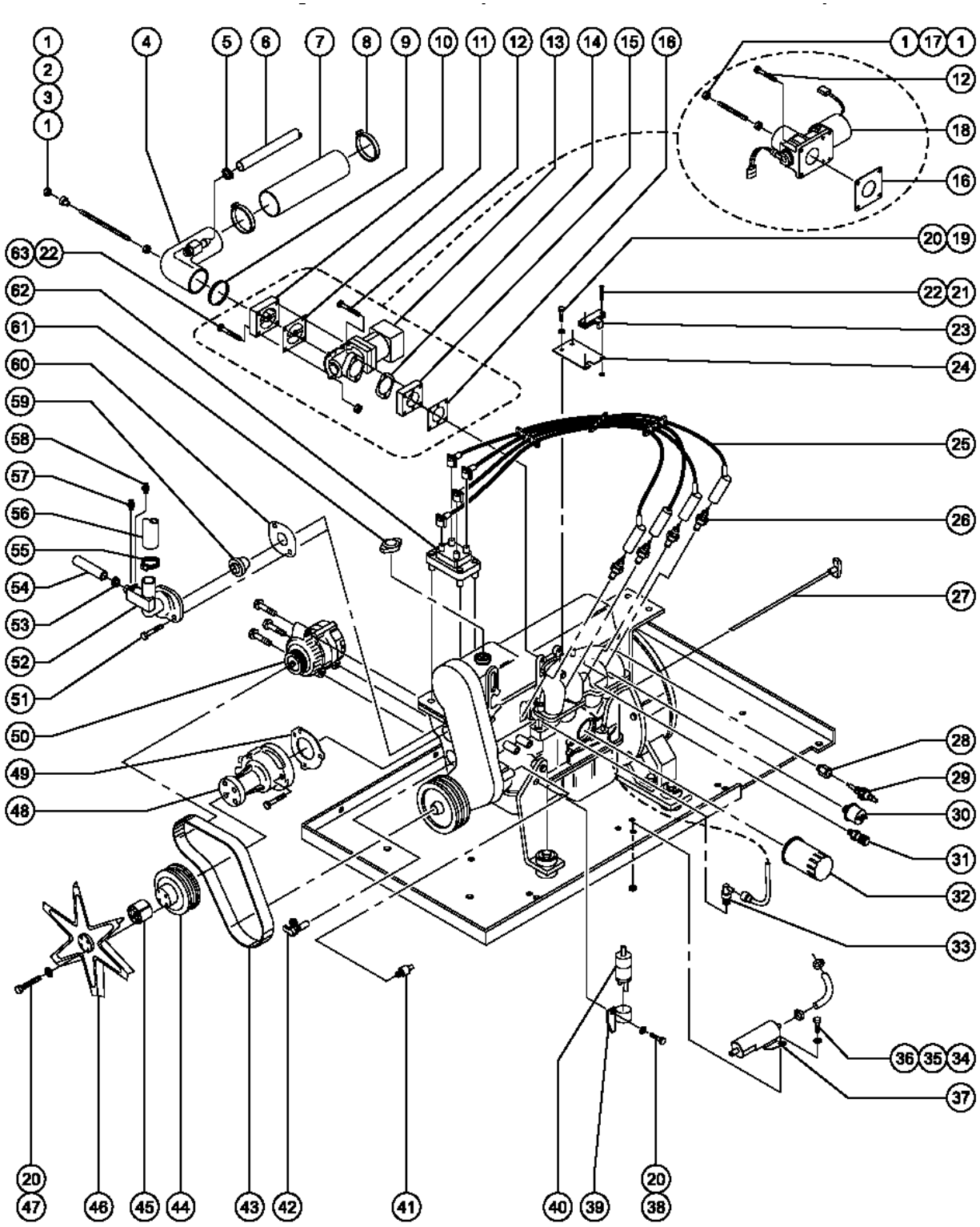
401.1 Ford LRG-423 Engine - View 1 (to SN 3089)



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

Item	Part No.	Description	Qty.
23	77170GT	HOSE,LOWER RADIATOR,Z45	1
24	45171GT	CLAMP,HOSE,1.75,LINED	2
25	33972GT	SENSOR,COOLANT TEMP*	1
26	33965GT	HOSE, UPPER RADIATOR	1
27	33966GT	THERMOSTAT, FORD LRG	1
28	28653GT	GASKET,WATER OUTLET,FORD	1

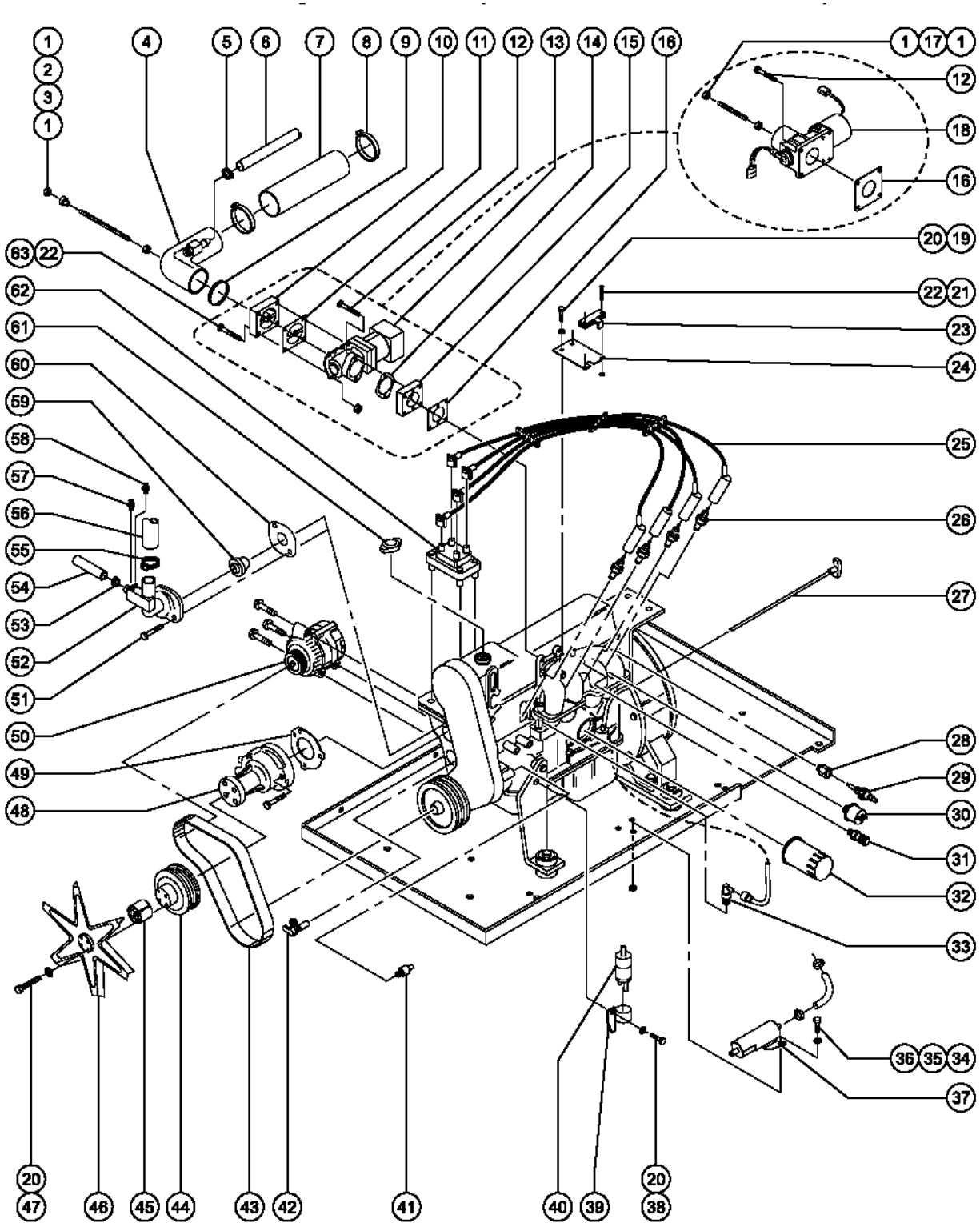
401.2 Ford LRG-425 EFI Engine - View 1 (from SN 3090 to 7832)



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

Item	Part No.	Description	Qty.
1	6889GT	NUT,LP NYLOCK,1/4-20	2
2	72317GT	GLAND NUT & GASKET KIT(24552)*	1
3	27507GT	THREADED ROD,1/4-20,4.5" to SN 5193	1
4	24552GT	VENTURI,BEAM (FORD) ***	1
5	46131GT	CLAMP,HOSE,.63"-1.0"X .5"	2
6	53832GT	HOSE,FIRE RES.,5/8 ID,BULK	26
7	53125GT	HOSE,AIR INTAKE 2.5 ID X 6.5	1
8	30971GT	CLAMP,HOSE,3.00"	2
9	65455GT	GASKET-VENTURI BEAM (FORD)	1
10	48471GT	ADAPTER,LP VENTURI to SN 5193	1
11		GASKET,LP ADAPTER to SN 5193 (no longer available)	1
12	49386GT	SCREW,HHC,M8 X 40 to SN 5193	2
13		KIT,FORD EFI UPDATE,BASE*** to SN 5193, (no longer available)	1
14	52577GT	GASKET - THROTTLE BODY, 425EFI to SN 5193	1
15	88455GT	ADAPTER,THROTTLE ACTUATOR*** to SN 5193	1
16	52579GT	GASKET,ADAPTER PLATE,425EFI*** to SN 5193	1
17	27507GT	THREADED ROD,1/4-20,4.5"	1
18A		ACTUATOR, FORD EFI PRECISION from SN 5196; component no longer available	1
18B	88451GT	THROTTLE ACTUATOR*(BOSCH) models with EFI update kit ONLY	
19	23057GT	SCREW,HHC,M8 X 20MM	2
20	49408GT	WASHER, LOCK, M8	7
21	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	2
22	6178GT	NUT, NYLOCK, 10-32	6
23	49898GT	MAP SENSOR, EFI	1
24	53821PGT	BRACKET,MAP SENSOR,PAINTED	1
25	52570GT	SPARK PLUG WIRE SET, LRG425EFI	1
26	28647GT	SPARK PLUG,FORD	4
26	52656GT	FUEL INJECTOR, LRG-425 EFI	4

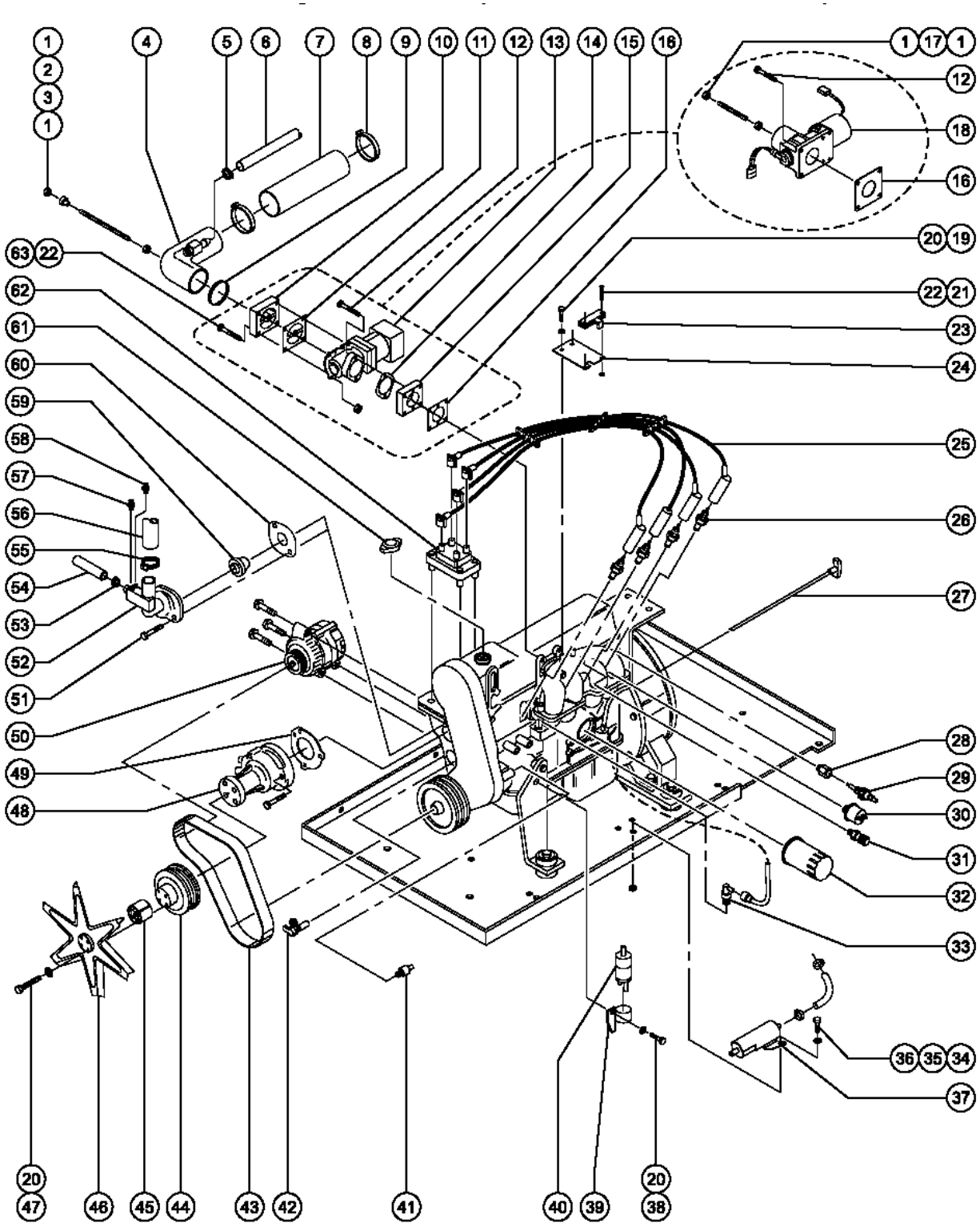
401.2 Ford LRG-425 EFI Engine - View 1 (from SN 3090 to 7832)



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

Item	Part No.	Description	Qty.
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*** dual-terminal sender	1
30-	77114GT	SWITCH,OIL PRES.FORD,NORM.OPEN single-terminal switch; visually inspection is necessary	
31	52652GT	SENSOR,AIR TEMP,LRG-425 EFI***	1
32	28656GT	FILTER,OIL,FORD Genie genuine part	1
32-	1259054GT	FILTER, OIL, FORD Genie aftermarket part	
33	33957GT	VALVE,PCV-FORD LRG***	1
34	8915GT	SCREW,HHC,1/4-20 X 1.25	3
35	6638GT	WASHER, FLAT, USS, 1/4"Y	3
36	6091GT	NUT, NYLOCK, 1/4-20	3
37	81941GT	FUEL PUMP RELOCATION KIT	1
38	25929GT	SCREW,HHC,M8 X 30MM,GRD 8.8	1
39	65453GT	BRACKET-FUEL FILTER (52567)	1
40	58967GT	FUEL PRESSURE REG,425EFI***	1
41	58900GT	SENSOR,CAM,EFI***	1
42	33968GT	SENSOR, CRANK POSITION	1
43	52580GT	BELT,SERPENTINE,LRG425 EFI***	1
44	52078GT	PULLEY,FORD ENGINE,LRG-423***	1
45	52077GT	SPACER,FAN TO WATERPUMP LRG423	1
46		FAN, LSG423/LRG425 (52076) component no longer available	1
47	32309GT	SCREW,HHC,M8 X 60MM X 1.25	4
48	33963GT	PUMP, WATER, WITH GASKET	1
49	33964GT	GASKET, WATER PUMP	1
50	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
51	65454GT	BOLT-FLANGE,M6 X 22MM(52573)	2
52	52573GT	THERMOSTAT HOUSING, LRG425 EFI	1

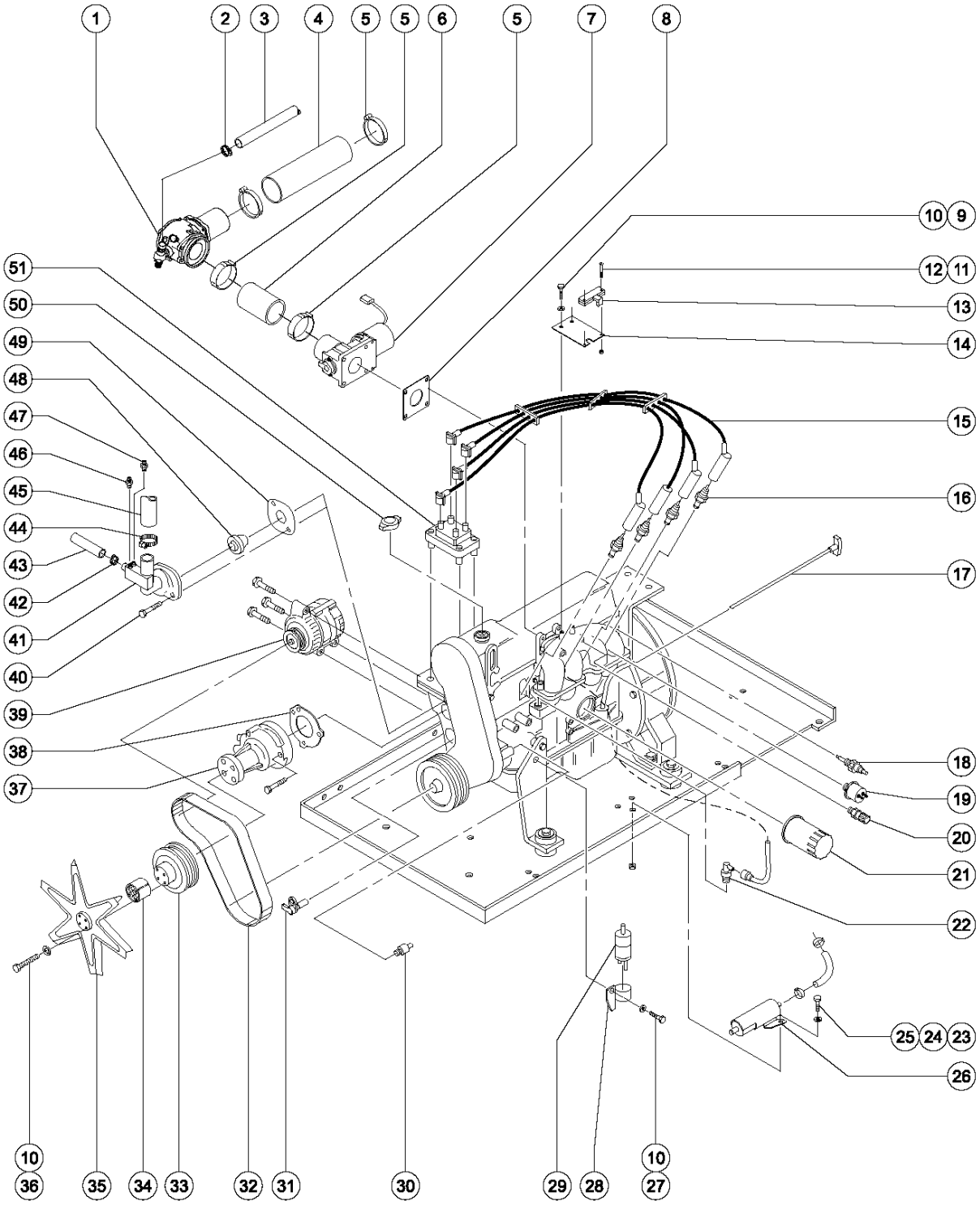
401.2 Ford LRG-425 EFI Engine - View 1 (from SN 3090 to 7832)



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

Item	*Part No.*	*Description*	*Qty.*
53	36208GT	CLAMP,HOSE,1.25***	1
54	52762GT	HOSE,WATER INLET,LRG425 EFI	1
55	22672GT	CLAMP,HOSE,1.75	1
56	33965GT	HOSE, UPPER RADIATOR	1
57	33972GT	SENSOR,COOLANT TEMP*	1
58	65456GT	SENDING UNIT-H20TMP LRG425EFI*	1
59	33966GT	THERMOSTAT, FORD LRG	1
60	52575GT	GASKET,THERM.HSNG O-RING	1
61	49881GT	OIL FILLER CAP FOR LRG ENGINE	1
62	33970GT	COIL, ELECTRONIC IGN., FORD	1
63	30469GT	SCREW,FHM,10-32 X 1.5	4

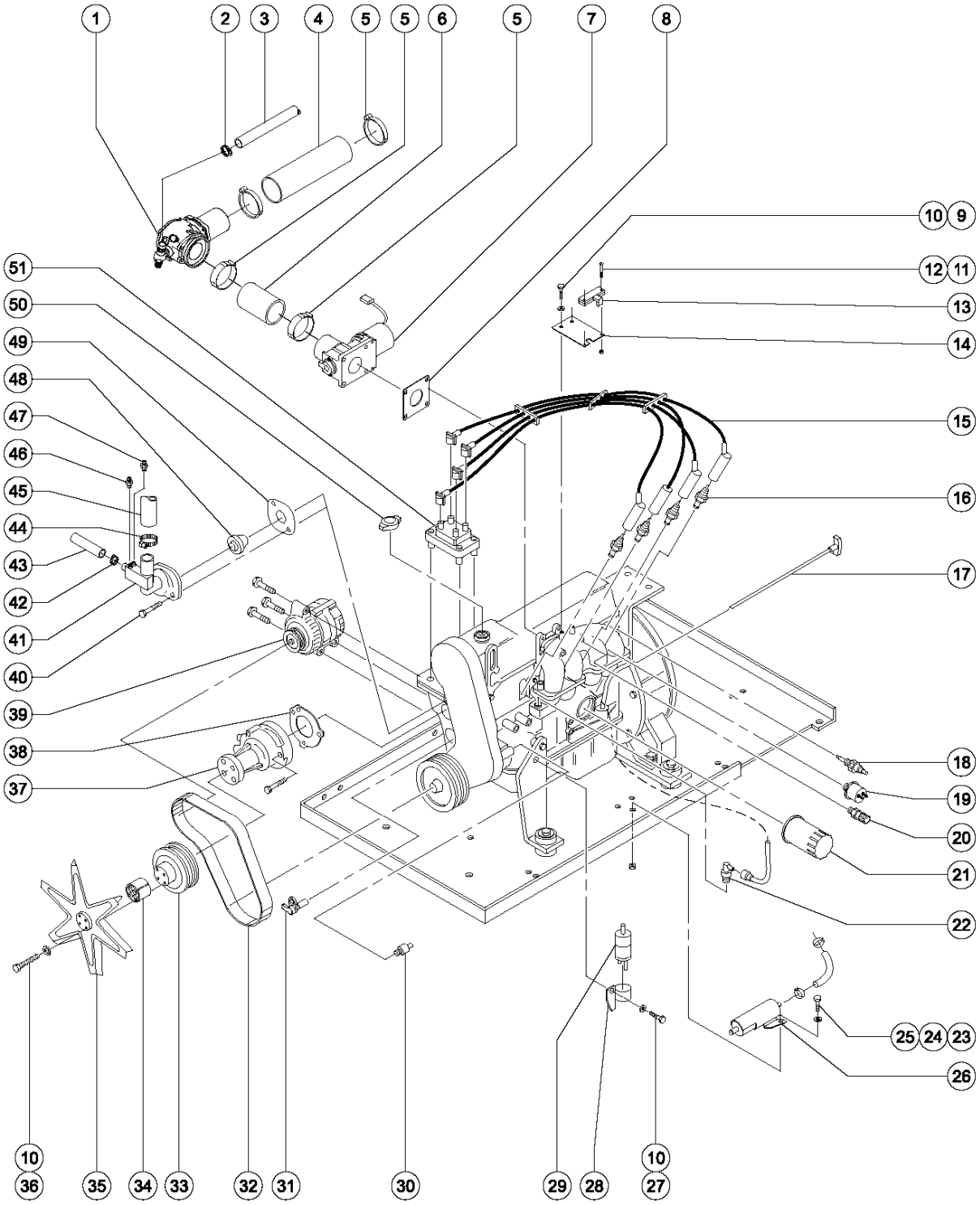
401.3 Ford LRG-425 EFI Engine - View 1 (from SN 7833)



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

Item	Part No.	Description	Qty.
1	81629GT	AIR VALVE MIXER*** for units without E-controls; consult factory prior to ordering	1
1B	58598GT	AIR VALVE MIXER for units upgraded to E-controls; consult factory prior to ordering	
1B-	58599GT	DIAPHRAGM,AIR VALVE MIXER for units upgraded to E-controls; consult factory prior to ordering	
2	46131GT	CLAMP,HOSE,.63"-1.0"X .5"	2
3	81631GT	HOSE,VAPOR,LP SPECIFIC	
4	30966-0575GT	HOSE,AIR INTAKE,2.25"IDX5.75"	1
5	30971GT	CLAMP,HOSE,3.00"	4
6	27211-0250GT	HOSE,AIR INTAKE,2.625"IDX2.50"	1
7A		ACTUATOR, FORD EFI PRECISION component no longer available	1
7B	88451GT	THROTTLE ACTUATOR*(BOSCH) models with EFI update kit ONLY	
8	52579GT	GASKET,ADAPTER PLATE,425EFI***	1
9	23057GT	SCREW,HHC,M8 X 20MM	2
10	49408GT	WASHER, LOCK, M8	7
11	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	2
12	6178GT	NUT, NYLOCK, 10-32	6
13	49898GT	MAP SENSOR, EFI	1
14	53821PGT	BRACKET,MAP SENSOR,PAINTED	1
15	52570GT	SPARK PLUG WIRE SET, LRG425EFI	1
16	28647GT	SPARK PLUG,FORD	4
16-	52656GT	FUEL INJECTOR, LRG-425 EFI	4
17	52566GT	DIPSTICK, OIL LEVEL,LRG425 EFI	1
18	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1
19	30810GT	SENDING UNIT,OIL PRESSURE*** dual-terminal sender	1
19-	77114GT	SWITCH,OIL PRES.FORD,NORM.OPEN single-terminal switch; visually inspection is necessary	
20	52652GT	SENSOR,AIR TEMP,LRG-425 EFI***	1
21	28656GT	FILTER,OIL,FORD Genie genuine part	1
21-	1259054GT	FILTER, OIL, FORD Genie aftermarket part	
22	33957GT	VALVE,PCV-FORD LRG***	1

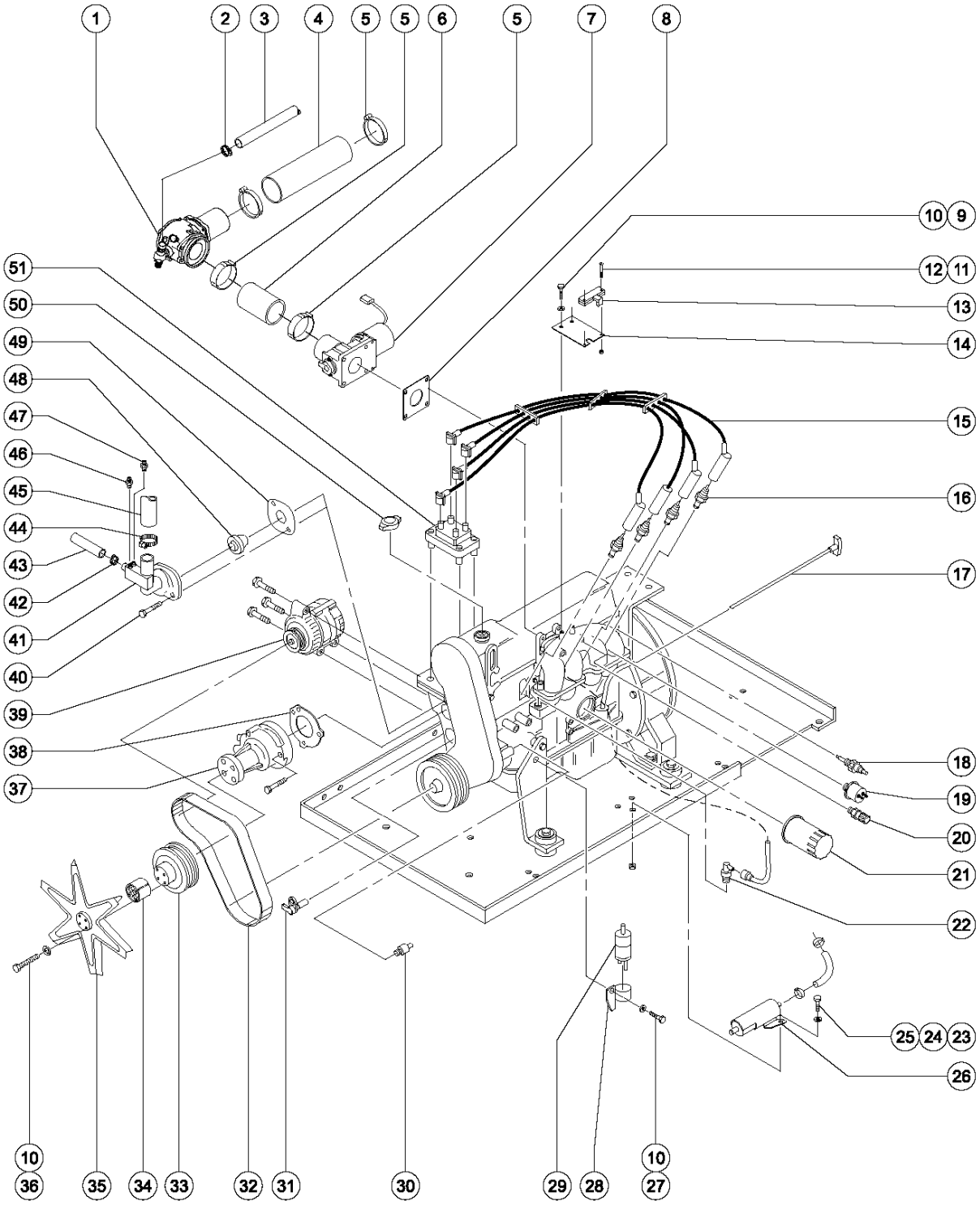
401.3 Ford LRG-425 EFI Engine - View 1 (from SN 7833)



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

Item	Part No.	Description	Qty.
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
26	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
30	58900GT	SENSOR,CAM,EFI***	1
31	33968GT	SENSOR, CRANK POSITION	1
32	52580GT	BELT,SERPENTINE,LRG425 EFI***	1
33	52078GT	PULLEY,FORD ENGINE,LRG-423***	1
34	52077GT	SPACER,FAN TO WATERPUMP LRG423	1
35		FAN, LSG423/LRG425 (52076) component no longer available	1
36	32309GT	SCREW,HHC,M8 X 60MM X 1.25	4
37	33963GT	PUMP, WATER, WITH GASKET	1
38	33964GT	GASKET, WATER PUMP	1
39	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
40	65454GT	BOLT-FLANGE,M6 X 22MM(52573)	2
41	52573GT	THERMOSTAT HOUSING, LRG425 EFI	1
42	36208GT	CLAMP,HOSE,1.25***	1
43	52762GT	HOSE,WATER INLET,LRG425 EFI	1
44	22672GT	CLAMP,HOSE,1.75	1
45	33965GT	HOSE, UPPER RADIATOR	1
46	33972GT	SENSOR,COOLANT TEMP*	1
47	65456GT	SENDING UNIT-H20TMP LRG425EFI*	1
48	33966GT	THERMOSTAT, FORD LRG	1
49	52575GT	GASKET,THERM.HSNG O-RING	1

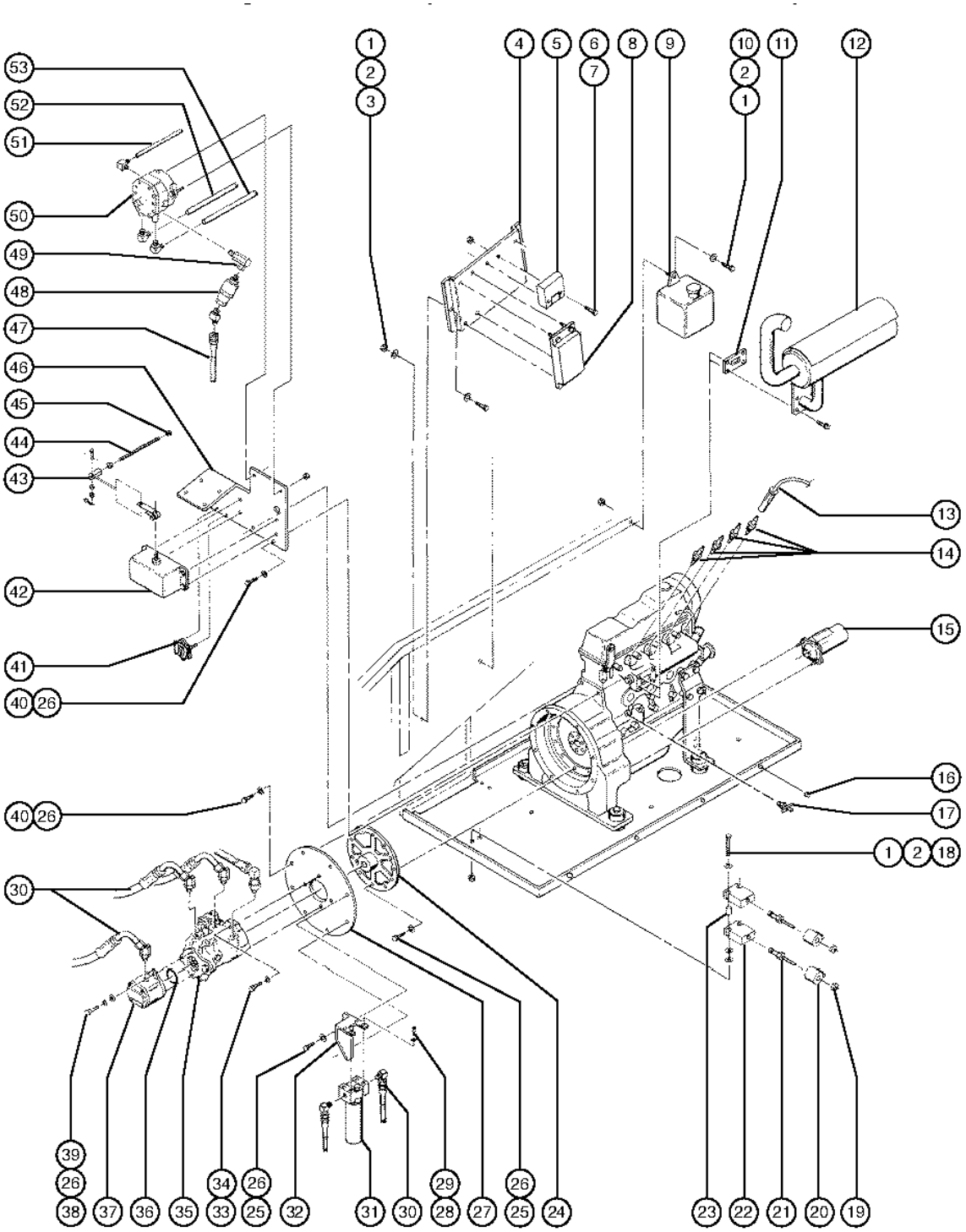
401.3 Ford LRG-425 EFI Engine - View 1 (from SN 7833)



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

Item	*Part No.*	*Description*	*Qty.*
50	49881GT	OIL FILLER CAP FOR LRG ENGINE	1
51	33970GT	COIL, ELECTRONIC IGN., FORD	1

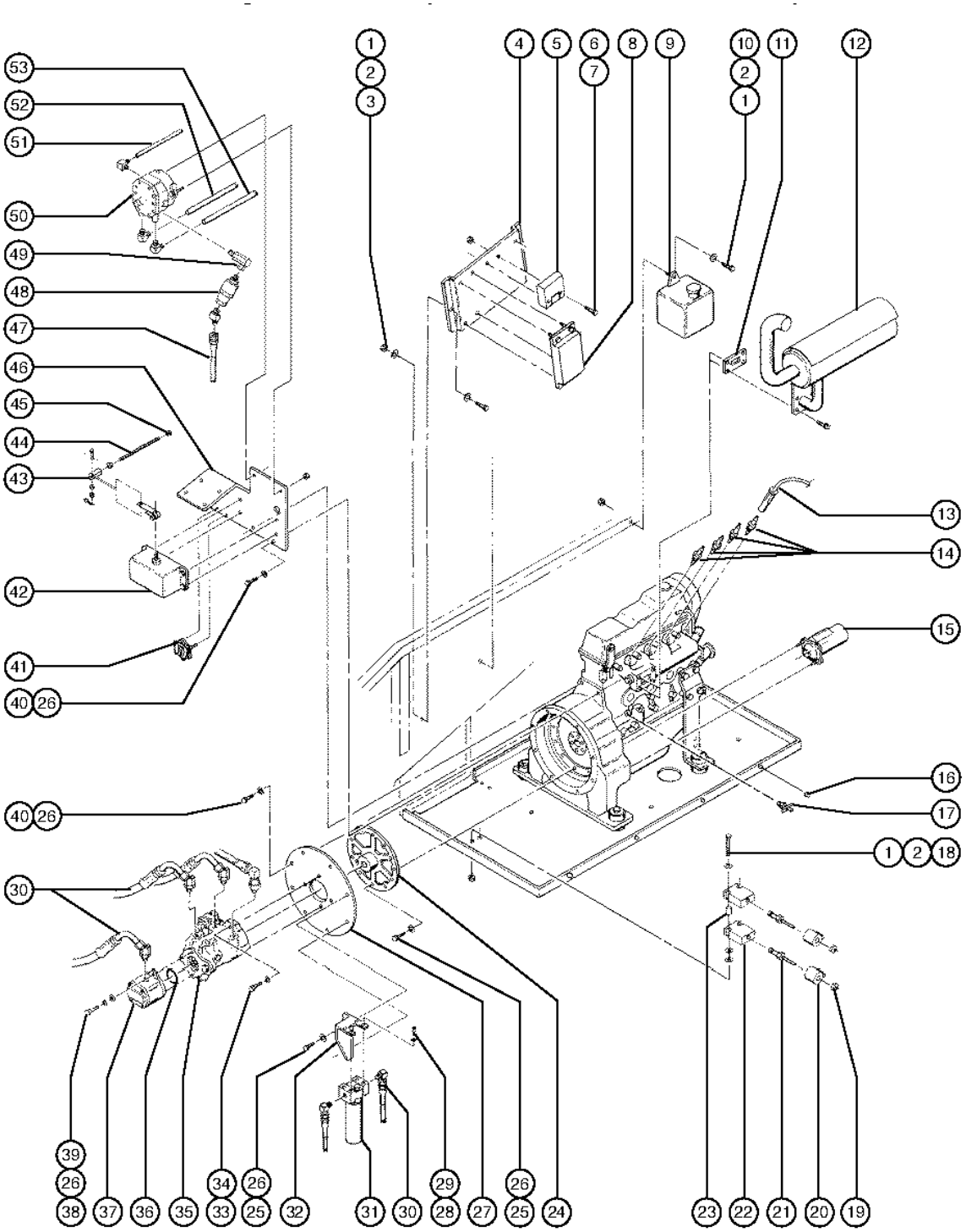
402.1 Ford LRG-423 Engine - View 2 (to SN 3089)



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

Item	Part No.	Description	Qty.
	65770GT	BELT,TIMING,FORD LRG423/425EFI	
1	6091GT	NUT, NYLOCK, 1/4-20	5
2	6638GT	WASHER, FLAT, USS, 1/4"Y	9
3	8914GT	SCREW,HHC,1/4-20 X .625	2
4	31250GT	IGNITION MODULE MTG.PLATE ASSY	1
5		KIT,LRG423 IGNITION MODULE (128658) component no longer available	1
6	6179GT	SCREW,RHM,10-32 X 1.25	2
7	14392GT	NUT,LP NYLOCK,10-32	2
8	34935GT	GOVERNOR,CNTRLR,FORD,LRG 423**	1
9	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
10	8915GT	SCREW,HHC,1/4-20 X 1.25	1
11	27142GT	GASKET,EXHAUST***	1
12	48439GT	MUFFLER,EXH,FORD,BIG BOOMS***	1
13	58928GT	WIRE SET (LRG 423) LG SET** (wire lengths 12 to 23 inches)	1
13A	52570GT	SPARK PLUG WIRE SET, LRG425EFI (wire length 23 to 31 inches)	
14	28647GT	SPARK PLUG,FORD	4
15	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
15	29606GT	RING GEAR,FORD*** FITS LSG-LRG 423, AND LRG425	
16	34619GT	BUMPER,RUBBER***	4
17	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
18	11413GT	SCREW,HHC,1/4-20 X 4	2
19	52943GT	NUT, SOLENOID VALVE COIL	2
20	29744GT	COIL,10V	2
21	29066GT	VALVE,SOLENOID,10V,2POS 3WAY** includes index numbers 19 and 20	2
22	30369GT	SOLENOID VALVE,N.C. 2POS. 3WAY includes index number 21	2
23	45400GT	SPACER TUBE,.50 LG	2
24	28836GT	COUPLING KIT,FLYWHEEL,FL 15T (includes flexplate and coupler)	1
24	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1

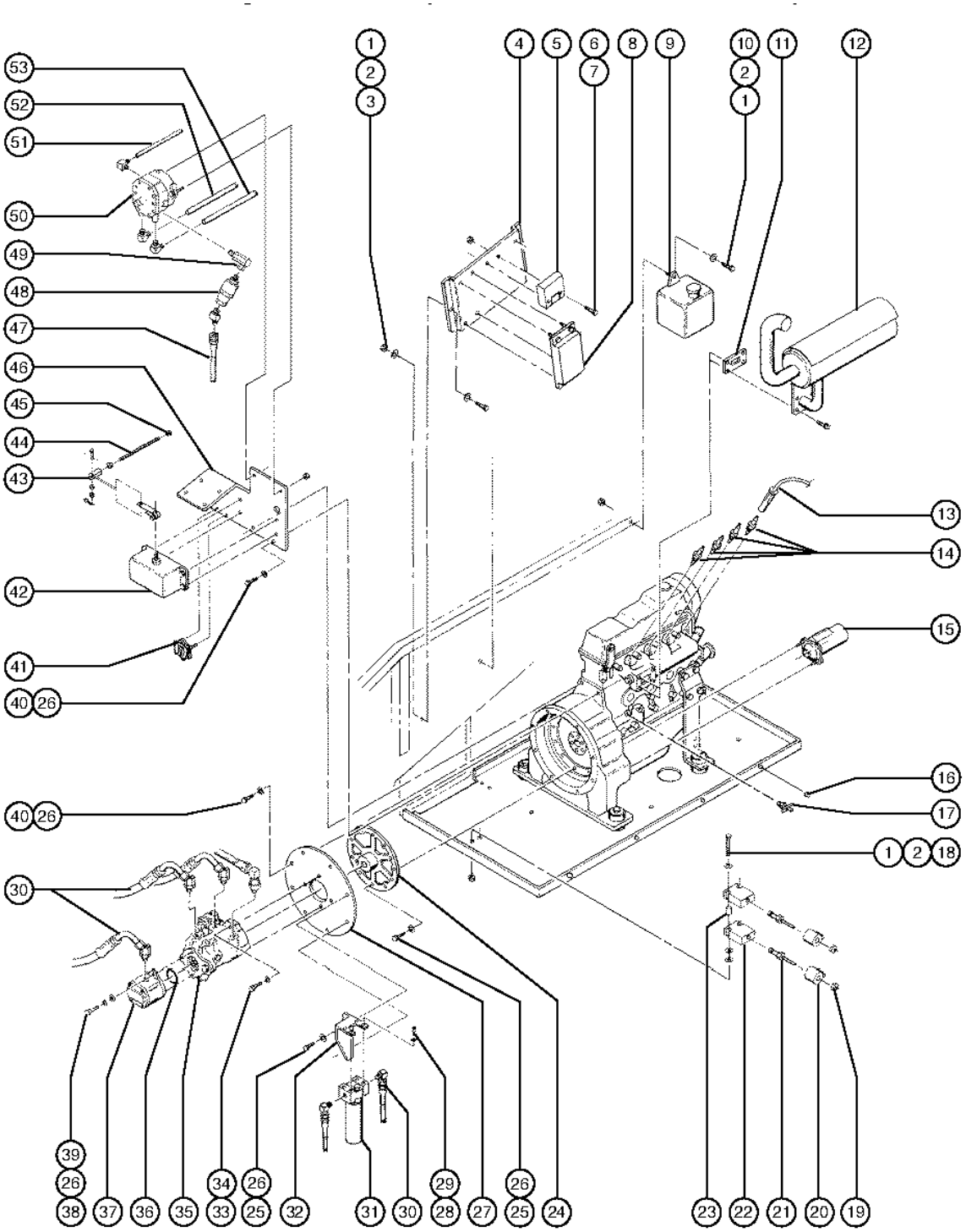
402.1 Ford LRG-423 Engine - View 2 (to SN 3089)



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

Item	Part No.	Description	Qty.
25	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
26	6021GT	WASHER,LOCK,.375	14
27	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED	1
28	7339GT	SCREW,HHC,1/4-20 X .5	4
29	6356GT	WASHER,LOCK,.25	4
30		Ref. Hydraulic Hoses & Fittings refer to section 513.1	4
31		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
31-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	1
31-	20880GT	FILTER ELEMENT-10 MIC.*** for 20879 (no longer available)	1
31A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
31A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
32	30230P-SGT	FILTER MOUNT BRACKET	1
33	8177GT	SCREW,HHC,1/2-13 X 1.5	2
34	6033GT	WASHER,LOCK,0.5"	4
35	37027GT	PUMP,VAR PISTON,2.8 C.I.***	1
35-	22965GT	EDC ASSY,SAUER,M46***	1
35-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
35-	32611GT	SHAFT,M46 15 TOOTH	1
36	29436GT	O-RING***	1
37	53959GT	PUMP,LIFT 1.403 C.I.***	1
37-	58228GT	SEAL KIT***	1
38	33988GT	SCREW,SHC,3/8-16 X 1	2
39	6097GT	WASHER,FLAT,USS,3/8",Y	2
40	6175GT	SCREW,HHC,3/8-16 X 1	2
41	22278GT	SWITCH,VACUUM	1
42	34936GT	GOVERNOR,ACTUATOR,FORD LRG423	1
43	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin	1
44	30785-1000GT	THREADED ROD,1/4-28 X 10 IN***	1

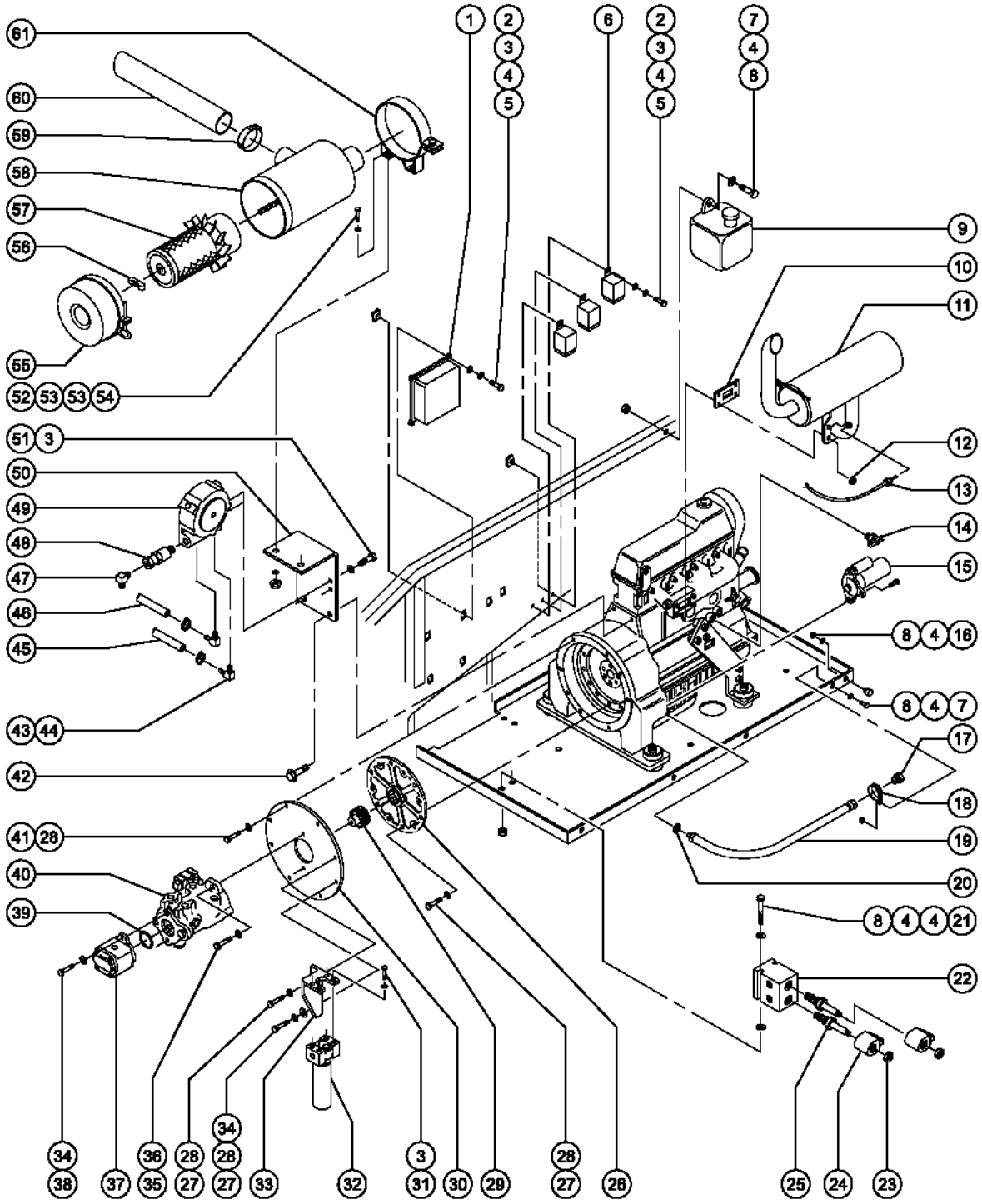
402.1 Ford LRG-423 Engine - View 2 (to SN 3089)



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

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

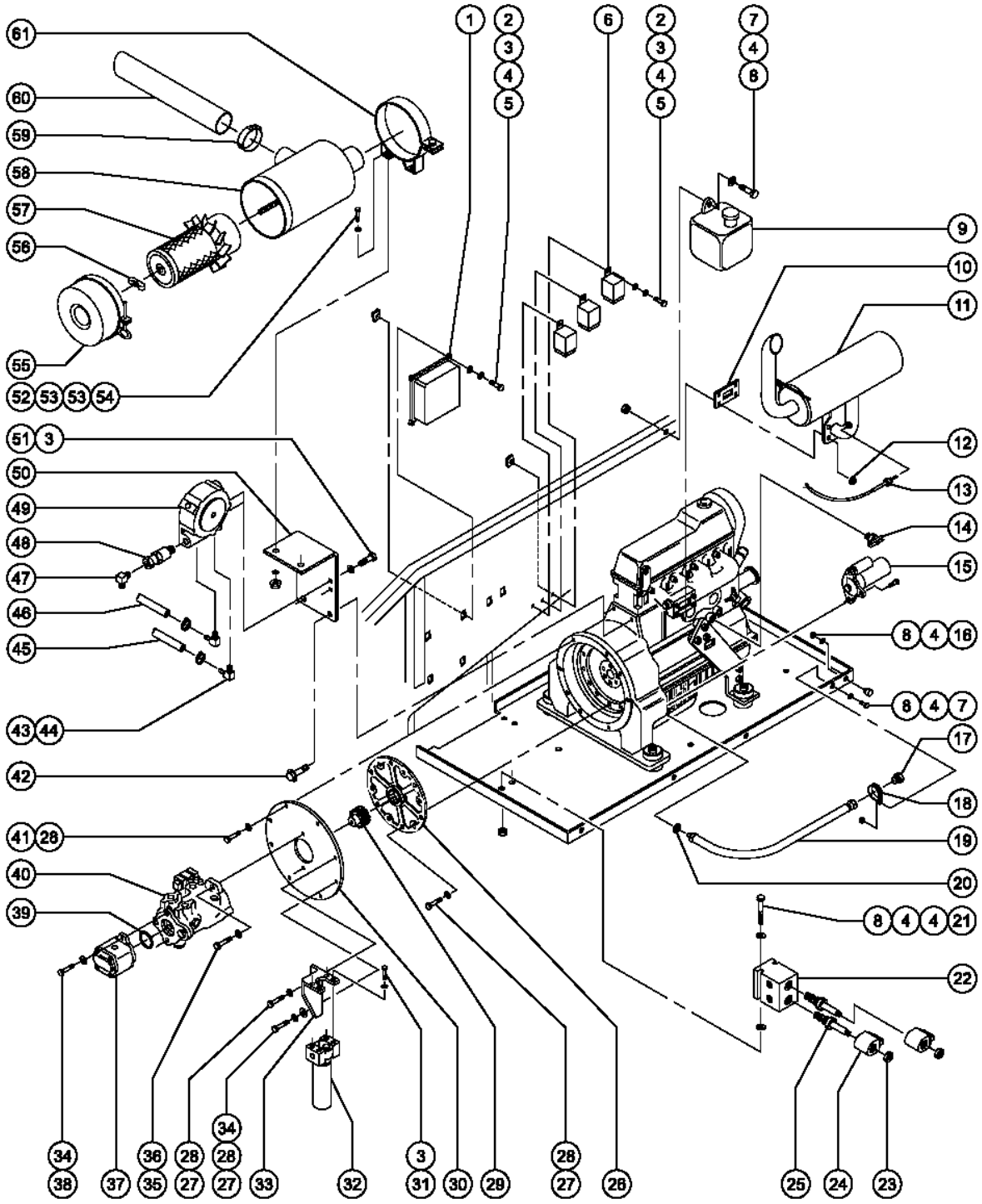
402.2 Ford LRG-425 EFI Engine - view 2 (from SN 3090)



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

Item	Part No.	Description	Qty.
	65770GT	BELT,TIMING,FORD LRG423/425EFI	
1-		ENGINE PERFORMANCE MODULE T1** Contains Genie calibration file - order from Genie only; from SN 8689. (no longer available)	1
2	6888GT	SCREW,HHC,1/4-20 X 1	9
3	6356GT	WASHER,LOCK,.25	13
4	6638GT	WASHER, FLAT, USS, 1/4"Y	14
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	7
6	52592GT	RELAY - LRG425 EFI	3
7	8915GT	SCREW,HHC,1/4-20 X 1.25	2
8	6091GT	NUT, NYLOCK, 1/4-20	5
9	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT includes cap	1
10	27142GT	GASKET,EXHAUST***	1
11	77885GT	MUFFLER,FORD LRG S40-60-80***	1
12	65460GT	NUT-FLANGE,7/16-14	4
13	52564GT	SENSOR,O2,LRG 425 EFI***	1
13-	88450GT	SENSOR,OXYGEN LRG425EFI for use after ECM Update completion	
14	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
15	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
15	29606GT	RING GEAR,FORD*** FITS LSG-LRG 423, AND LRG425	
16	34619GT	BUMPER,RUBBER***	1
17	63426GT	PLUG,070109-8	1
18	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	1
19	63427GT	HOSE ASSY,FORD OIL DRAIN 1/2"	33
20	53910GT	GASKET, FORD OIL DRAIN	1
21	4266GT	SCREW,HHC,1/4-20 X 2	2
22	42157GT	MANIFOLD,BRAKE/MOTOR SHIFT includes Index No's. 23 through 25 to SN 7500	2
22	81024GT	MANIFOLD,BRAKE/2 SPD includes Index No's. 23 through 25; from SN 7501	1
23	45912GT	NUT,SOLENOID VALVE 2P3W	2
24	43601GT	COIL,SOLENOID VLV,10V W/ DIODE to SN 7500	2

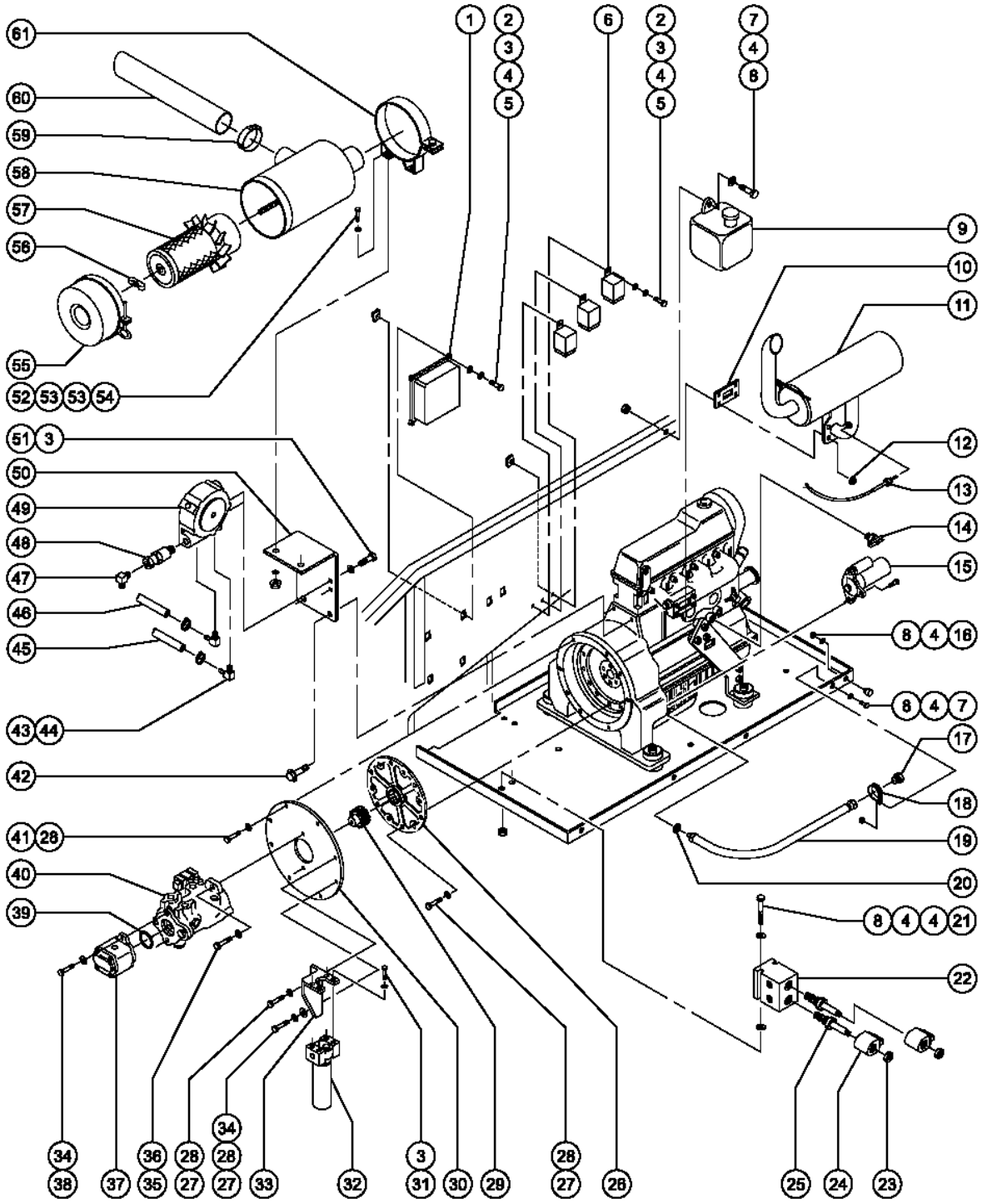
402.2 Ford LRG-425 EFI Engine - view 2 (from SN 3090)



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

Item	Part No.	Description	Qty.
24-	81043GT	COIL,SOLENOID,8 DSD 10V,W/DIO* ..... from SN 7501	2
25	65766GT	VALVE,SOLENOID,10V W/DIODE*** ..... includes Index No's. 23 and 24; to SN 7500	2
25-	65766GT	VALVE,SOLENOID,10V W/DIODE*** ..... includes Index No's. 23 and 24; from SN 7501	2
26	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
27	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	10
28	6021GT	WASHER,LOCK,.375	20
29	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
30	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED	1
31	7339GT	SCREW,HHC,1/4-20 X .5	4
32		FILTER ASY,M PRESS,SAE8,WOIND* (77139) ..... component no longer available	1
32-	60857GT	FILTER,ELEMENT,BETA(5)=1000 ..... for 77139	1
32-	20880GT	FILTER ELEMENT-10 MIC.*** ..... for 20879 (no longer available)	1
32A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
32A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS ..... for 1267807	
33	30230P-SGT	FILTER MOUNT BRACKET	1
34	6097GT	WASHER,FLAT,USS,3/8",Y	3
35	8177GT	SCREW,HHC,1/2-13 X 1.5	2
36	6033GT	WASHER,LOCK,0.5"	2
37	53959GT	PUMP,LIFT 1.403 C.I.***	1
37-	31249GT	SEAL KIT,LIFT PUMP** ..... to SN 6053	1
37-	58228GT	SEAL KIT*** ..... from SN 6054	1
38	33988GT	SCREW,SHC,3/8-16 X 1	2
39	29436GT	O-RING***	1
40	37027GT	PUMP,VAR PISTON,2.8 C.I.***	1
40-	22965GT	EDC ASSY,SAUER,M46***	1
40-	65843GT	SEAL KIT, EDC ..... use for EDC ASSY 22965	1
40-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
40-	32611GT	SHAFT,M46 15 TOOTH	1

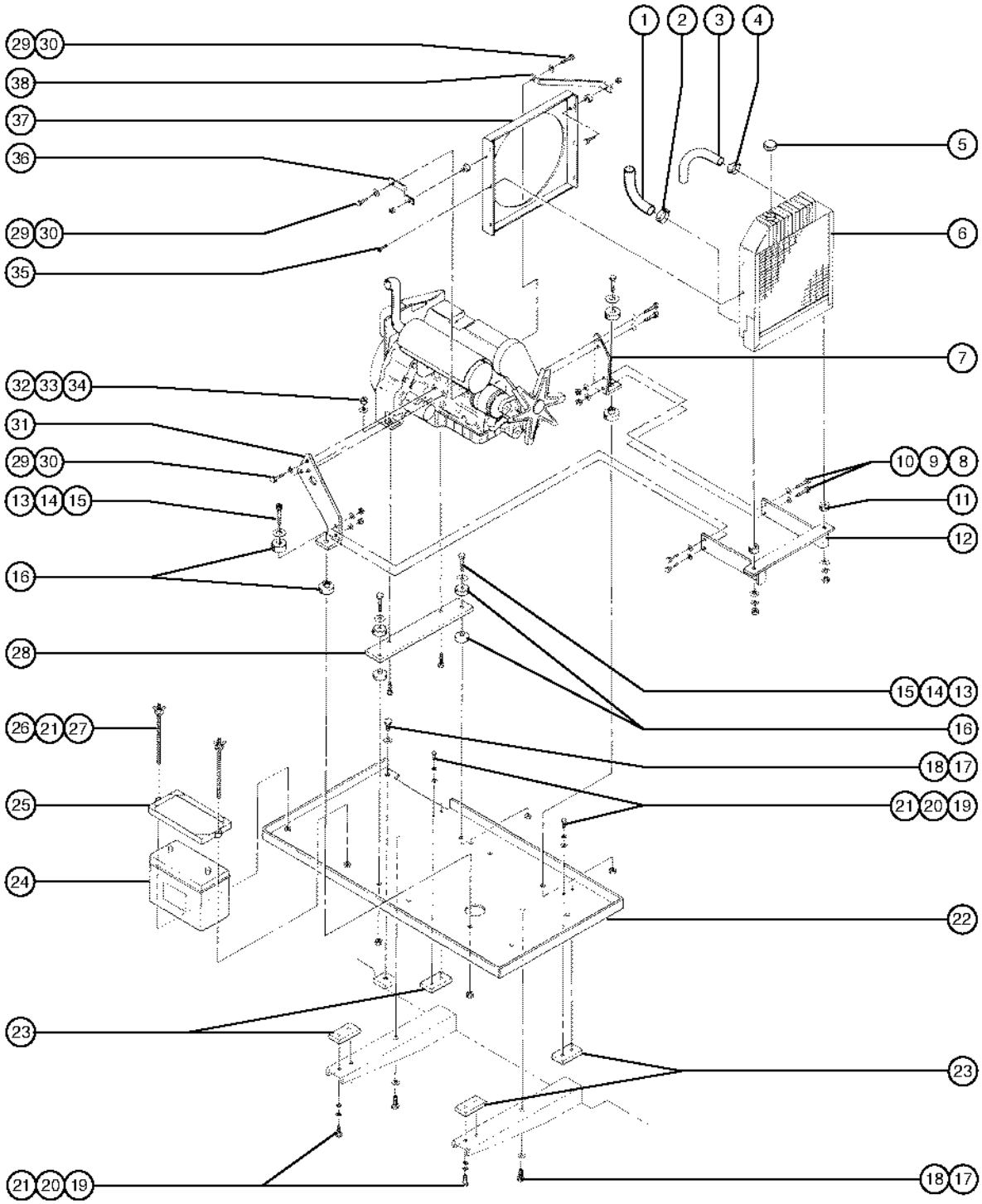
402.2 Ford LRG-425 EFI Engine - view 2 (from SN 3090)



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

Item	Part No.	Description	Qty.
40-	27067GT	SEAL,SHAFT-SUNDSTRAND***	1
41	6175GT	SCREW,HHC,3/8-16 X 1	8
42	53024GT	SCR,M 10X40 LG HEX FLG. SERR.	2
43	37017GT	HOSE END,90DEG,.63 HS X.25 MPT	2
44	46131GT	CLAMP,HOSE,.63"-1.0"X .5"	2
45	52762GT	HOSE,WATER INLET,LRG425 EFI	1
46	53832GT	HOSE,FIRE RES.,5/8 ID,BULK	29
47	36203GT	ELBOW,90DEG.3/8MPT-5/8 BARB	1
48		SOLENOID-FUEL-LPG (45828) Component no longer available	1
49	22279GT	REGULATOR,LPG BEAM 60***	1
49-	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 to SN 7821	2
51-	6090GT	SCREW, HHC, 1/4-20 X .75 from SN 7822	2
52	219437GT	ISOLATOR,VIBRATION to SN 7821	2
52-	13002GT	SCREW,HHC,5/16-18 X 1 GR5 from SN 7822	2
53	5397GT	WASHER,FLAT,USS,5/16",Y	4
54	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18 to SN 7821	4
54-	6782GT	NUT, NYLOCK, 5/16-18 from SN 7822	2
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
58-	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

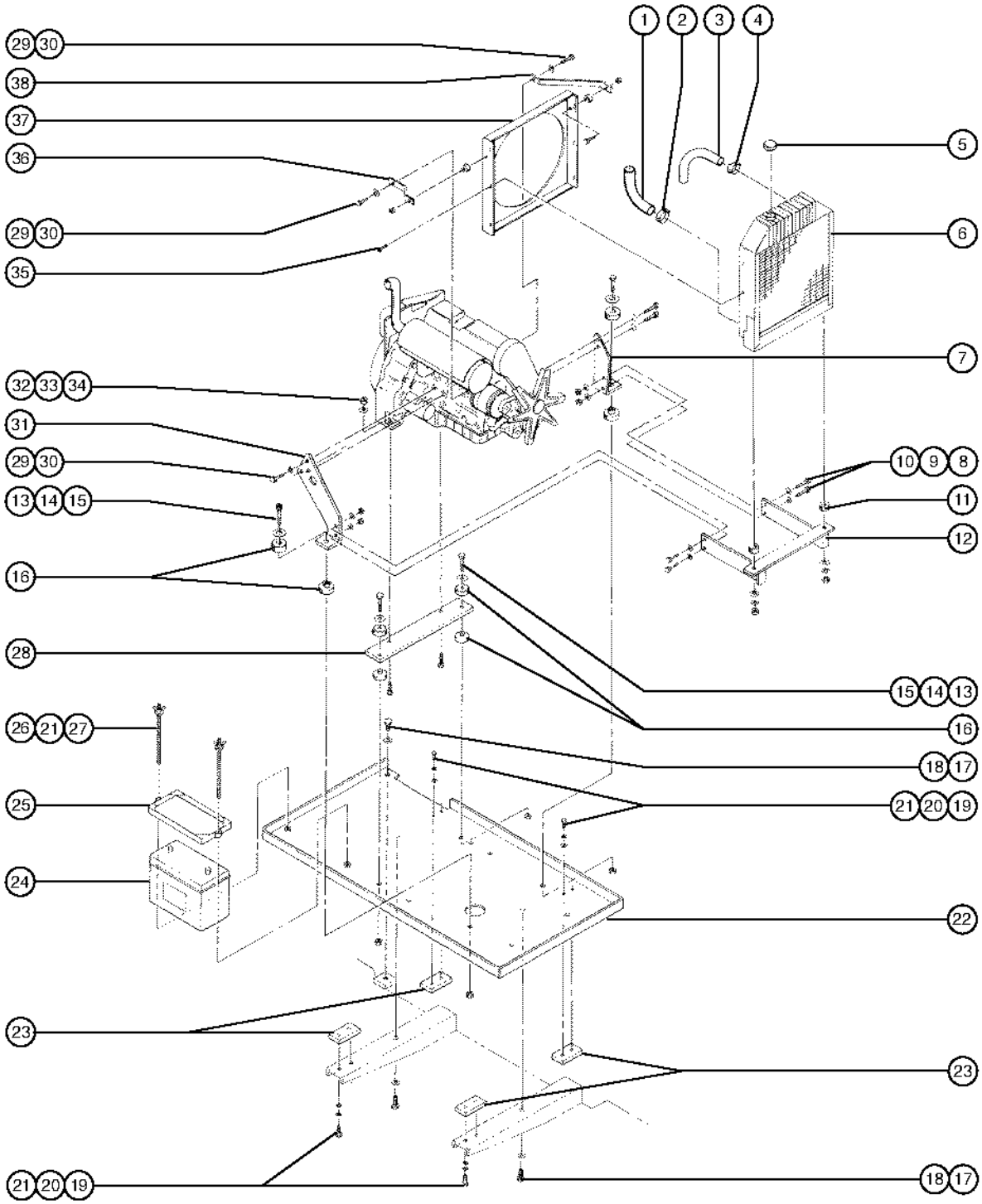
403.1 Ford LRG-423 Engine - View 3 (to SN 3089)



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
6-	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
7	29297GT	WELDMENT,FORD ENG.MNT,INBOARD	1
8	8516GT	SCREW, HCC, 3/8-16 X 1.50	4
9	6097GT	WASHER,FLAT,USS,3/8",Y	8
10	4828GT	NUT,NYLOCK,3/8-16	4
11	24038GT	SHOCK MOUNT,SMALL	2
12	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
17	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
18	13064GT	WASHER,FLAT,.625 HARDENED	3
19	6090GT	SCREW, HHC, 1/4-20 X .75	8
20	6356GT	WASHER,LOCK,.25	8
21	6638GT	WASHER, FLAT, USS, 1/4"Y	10
22	30679-SGT	WELDMENT, ENGINE MODULE PLATE	1
23	45209GT	WEAR PAD,4X2X.5 W/INSERT***	4
24	1303581GT	BATTERY, 12V, 950CCA, FLA	1
25	30144GT	BATTERY HOLD DOWN,GROUP 31	1
26	30784-975GT	THREADED ROD,(1/4-20),9.75	2
27	8170GT	NUT,WING,1/4-20	2

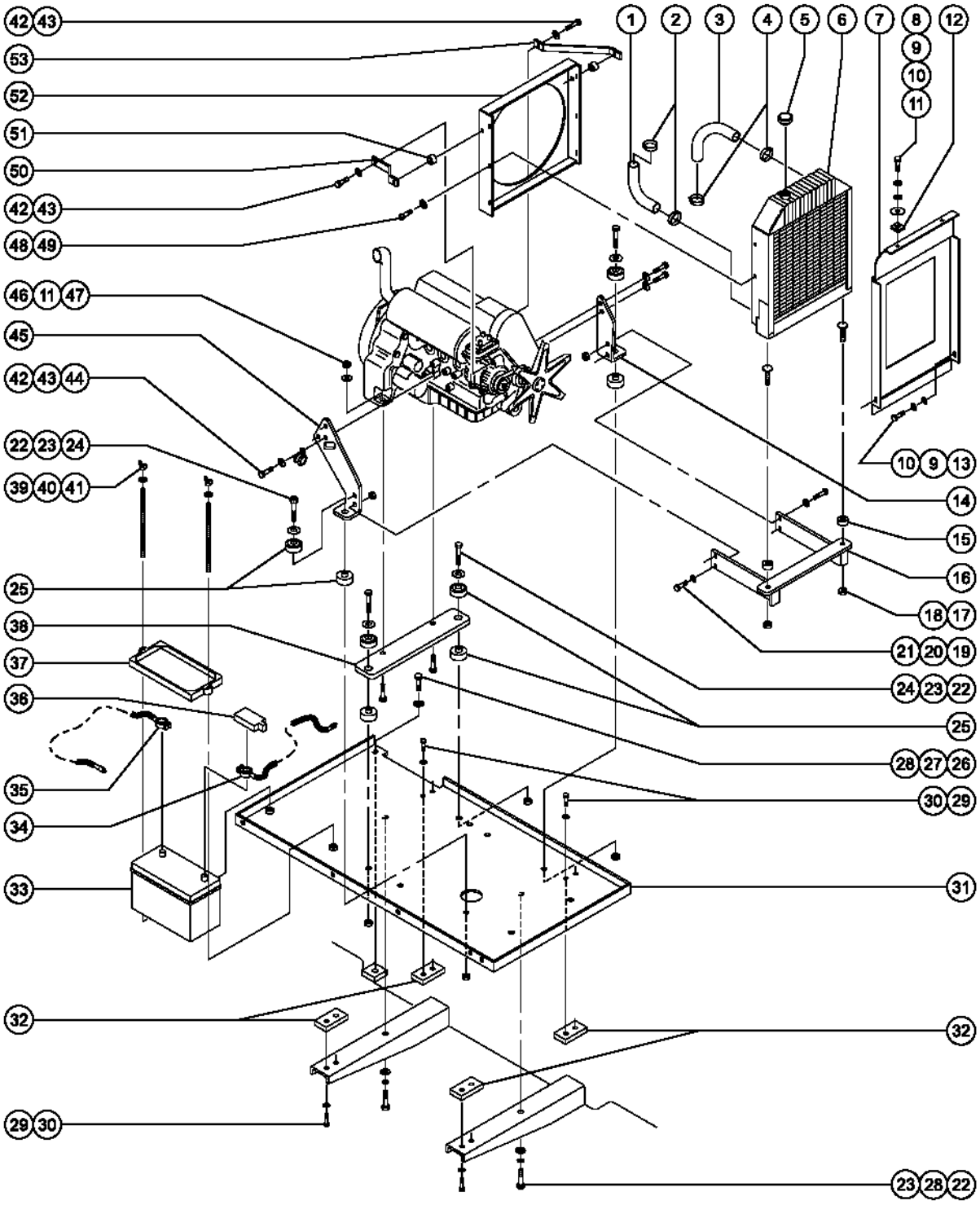
403.1 Ford LRG-423 Engine - View 3 (to SN 3089)



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

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

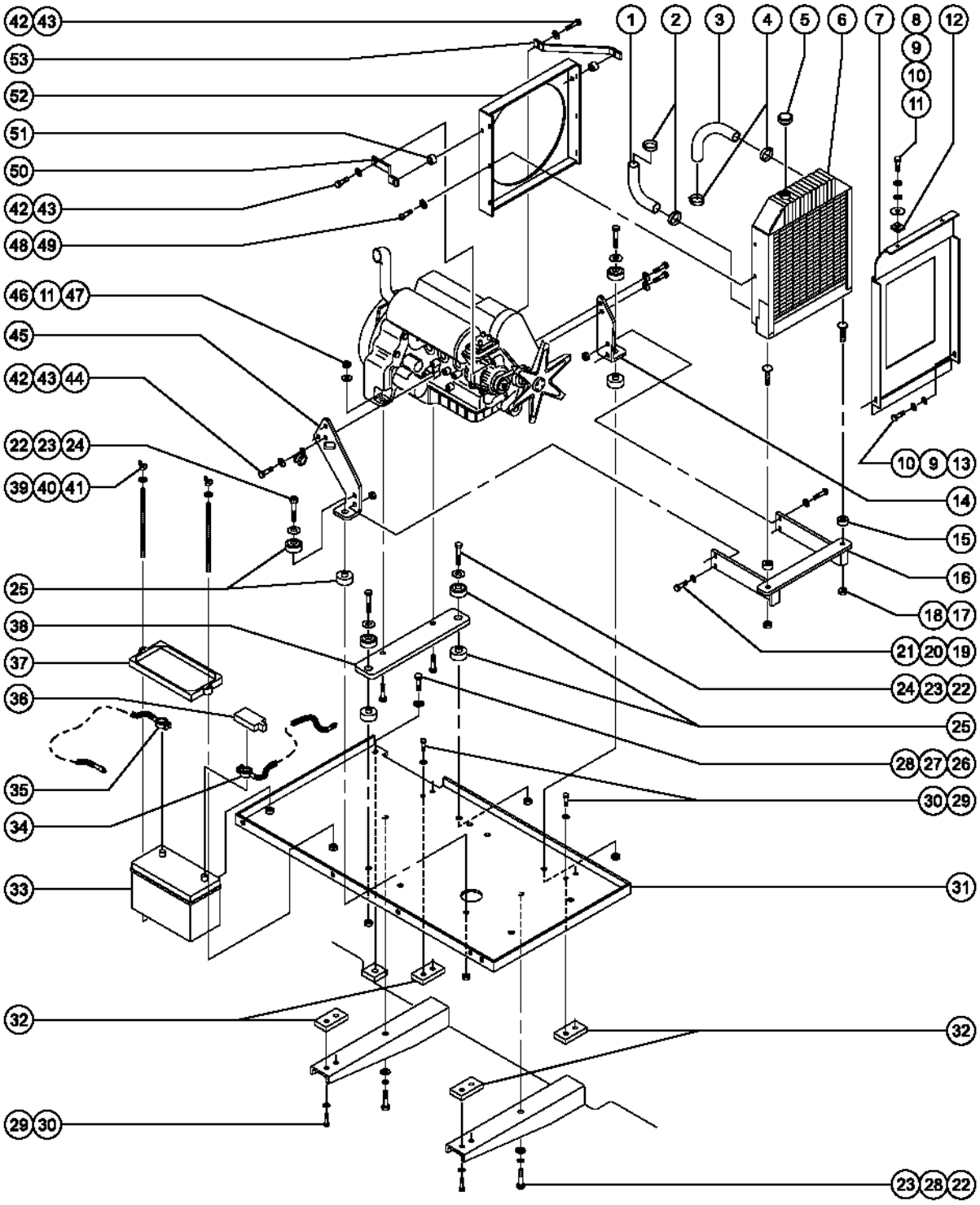
403.2 Ford LRG-425 EFI Engine - View 3 (from SN 3090)



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

Item	Part No.	Description	Qty.
1	77170GT	HOSE,LOWER RADIATOR,Z45	1
2	13014GT	CLAMP,HOSE,2.25" DIA.	2
3	33965GT	HOSE, UPPER RADIATOR	1
4	45171GT	CLAMP,HOSE,1.75,LINED	2
5	27943GT	CAP,RADIATOR,FORD***	1
6	33969GT	RADIATOR,FORD,LRG	1
6-	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
7	49610PGT	BAFFLE,AIR,FORD,PAINTED GRAY	1
8	6708GT	SCREW,HHC,3/8-16 X 2.25	2
9	6021GT	WASHER,LOCK,.375	4
10	5397GT	WASHER,FLAT,USS,5/16",Y	4
11	6095GT	WASHER,FLAT,USS,1/2",Y	4
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,FLG-LRG,3/8-16,YZ	2
18	60790GT	BOLT,CARRIAGE,3/8-16 X1.50,G5	2
19	8516GT	SCREW, HCC, 3/8-16 X 1.50	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

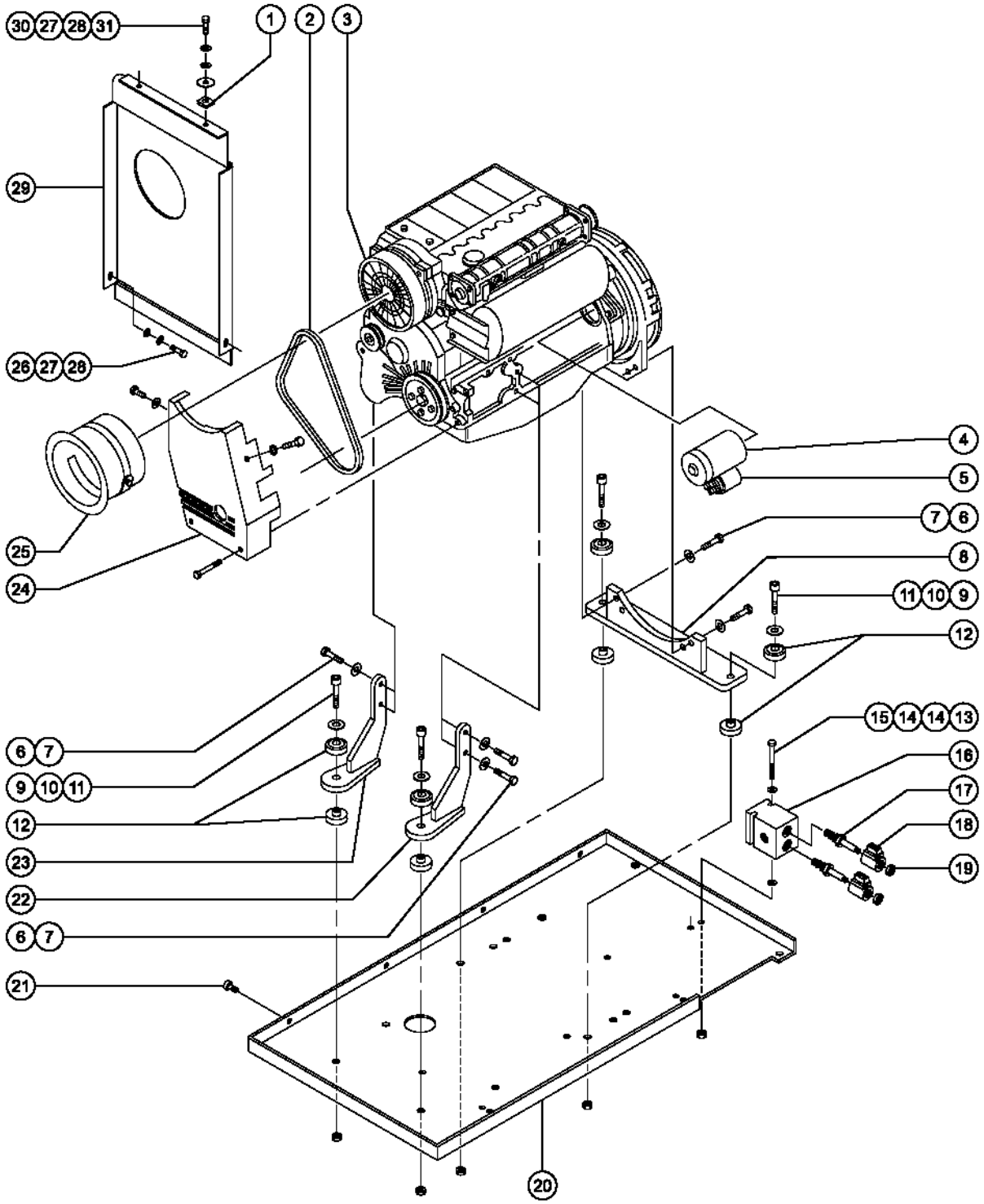
403.2 Ford LRG-425 EFI Engine - View 3 (from SN 3090)



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

Item	Part No.	Description	Qty.
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	1303581GT	BATTERY, 12V, 950CCA, FLA	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
42	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	7
43	22700GT	WASHER,LOCK,M10	7
44	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH*	2
45	53290-SGT	WELDMENT,RH,ENGINE MOUNT	1
46	6198GT	NUT, NYLOCK, 1/2-13	2
47	10598GT	SCREW,HHC,1/2-13 X 3	2
48	73612GT	SCREW,PHM,10-24X.50,SELF TAP	6
49	73613GT	WASHER,STAR,#10,PLTD	6
50	34942P-SGT	STRUT,RH,FORD RADIATOR,PAINT	1
51	219437GT	ISOLATOR,VIBRATION	2
52	34927P-SGT	SHROUD,RADIATOR LRG 423 BLUE**	1
53	34943P-SGT	MOUNT,RAD.SUPPT,LH,BLUE	1

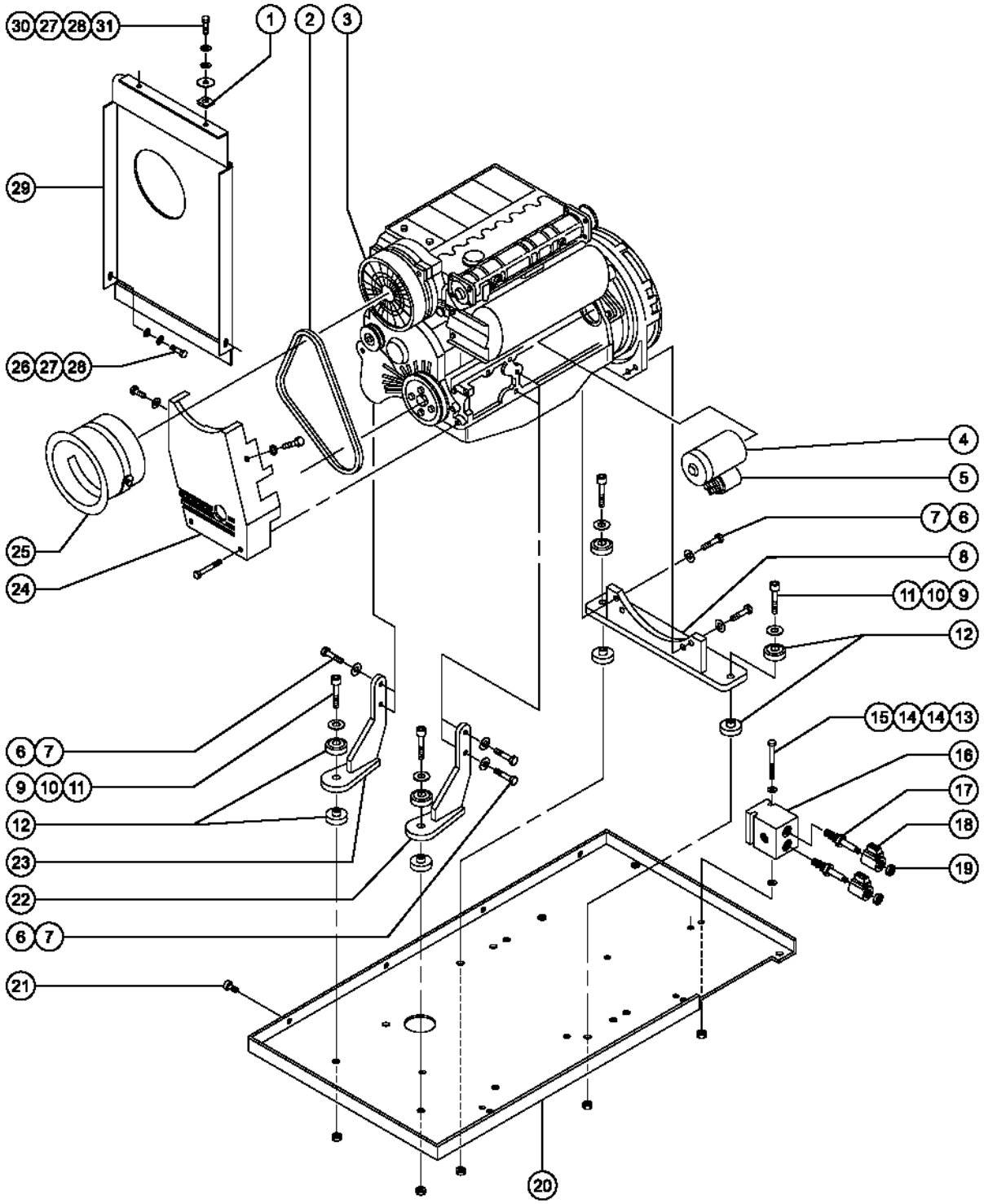
404.1 Deutz F4L 1011F Engine - View 1



404.1 Deutz F4L 1011F Engine - View 1

Item	Part No.	Description	Qty.
	70453GT	ENGINE,DEUTZ D2011L03I F3L1011 AND F3L1011F Engines only	
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	37950GT	STARTER,DEUTZ,F4L1011F/F3L1011 11 tooth; inspect old starter before ordering (includes item 5)	1
4	139709GT	STARTER, 12V 9 tooth; inspect old starter before ordering (includes item 5)	
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 includes Index No's. 17 through 19	1
17	65766GT	VALVE,SOLENOID,10V W/DIODE*** includes Index No's. 18 and 19	2
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

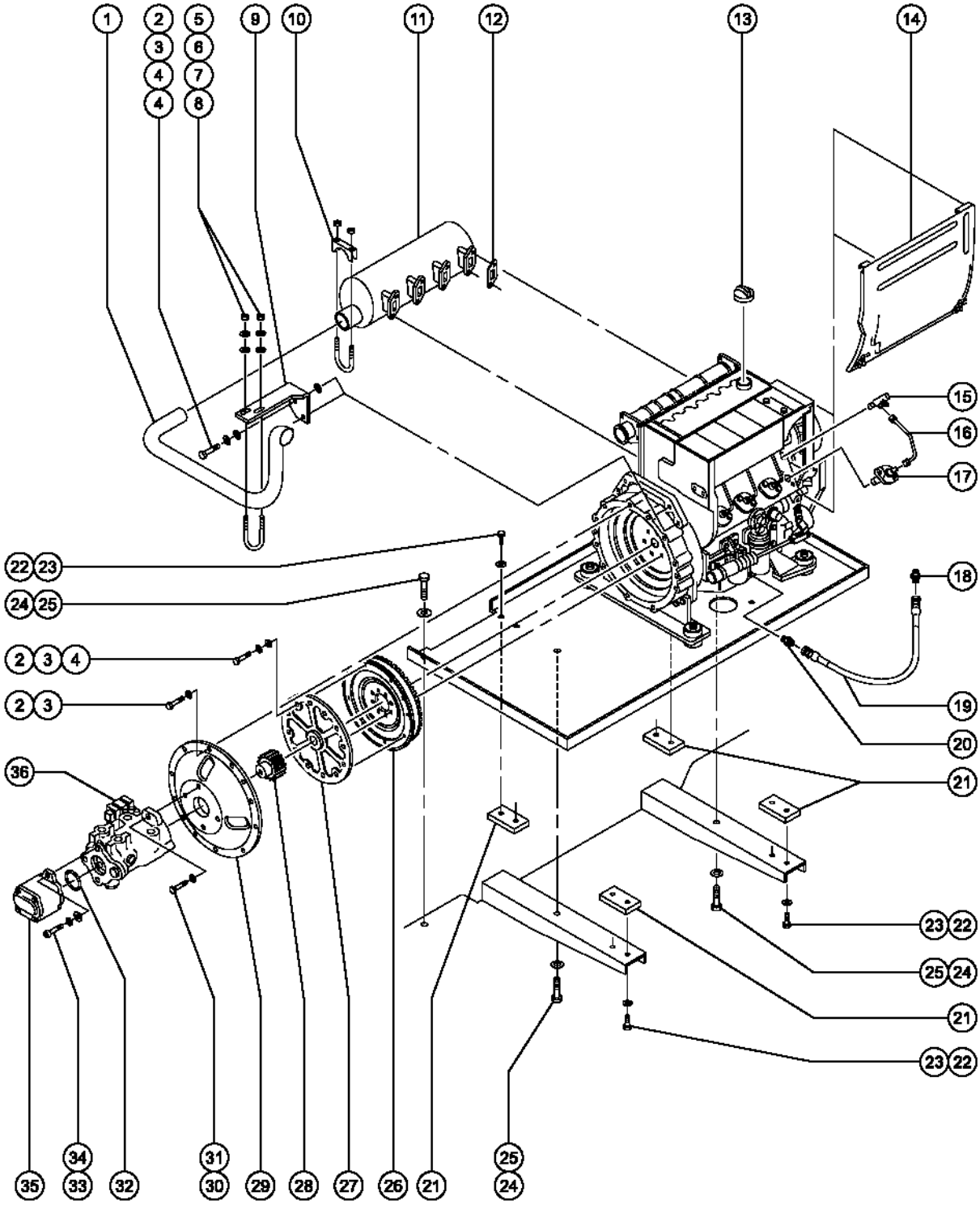
404.1 Deutz F4L 1011F Engine - View 1



404.1 Deutz F4L 1011F Engine - View 1

Item	Part No.	Description	Qty.
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

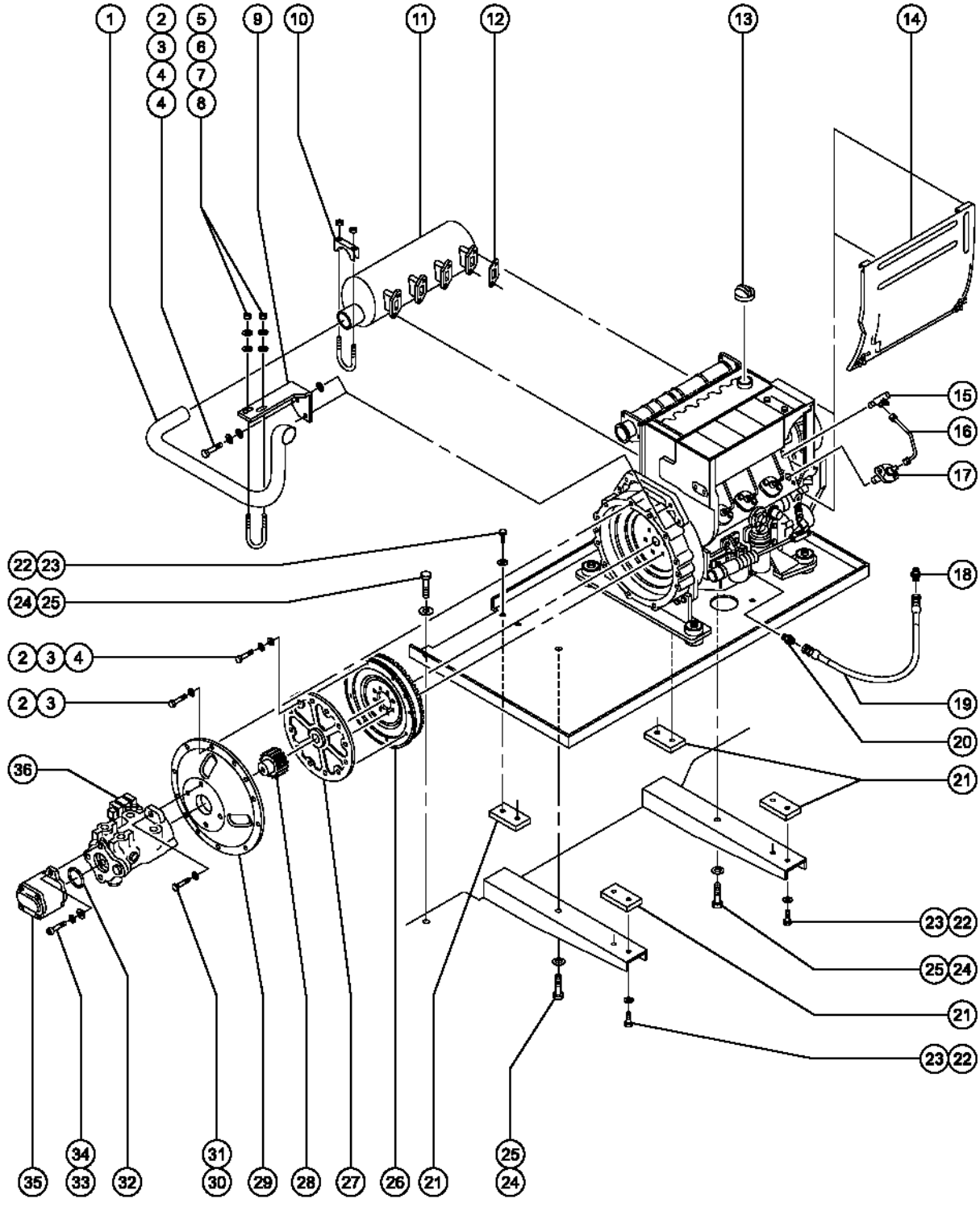
405.1 Deutz F4L 1011F Engine - View 2



405.1 Deutz F4L 1011F Engine - View 2

Item	Part No.	Description	Qty.
1	34551GT	EXHAUST,TAILPIPE,DEUTZ	1
2	44064GT	SCREW,HHC,M10 X 30MM,	26
3	22700GT	WASHER,LOCK,M10	26
4	6097GT	WASHER,FLAT,USS,3/8",Y	14
5	6037GT	NUT,HEX,5/16-18,GR5	2
6	6886GT	WASHER,LOCK,.313	2
7	5397GT	WASHER,FLAT,USS,5/16",Y	2
8	16584GT	U-BOLT, KIT 5/16-18 X 2.5 *** includes Index No. 5	1
9	27329P-SGT	BRACKET,EXHAUST SUPPORT,PAINTD	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
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* (please verify ring gear thickness) 0.46 inches	1
26-	89785GT	RING GEAR,DEUTZ F3L2011F (please verify ring gear thickness) 0.6 inches	1
26-	33729GT	RING GEAR,DEUTZ F3 & F4L1011* (please verify ring gear thickness) 0.365 inches	1

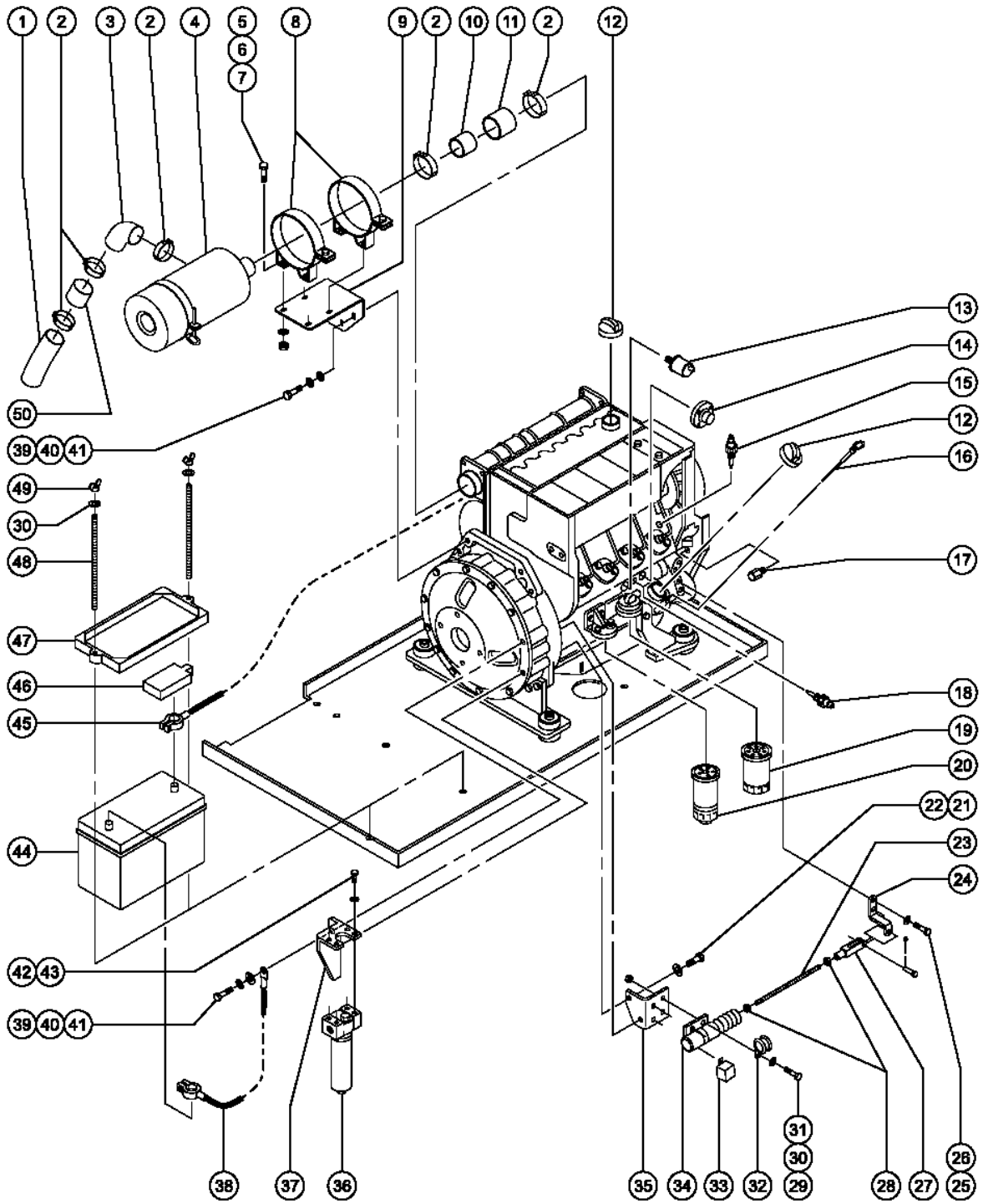
405.1 Deutz F4L 1011F Engine - View 2



405.1 Deutz F4L 1011F Engine - View 2

Item	Part No.	Description	Qty.
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
35	53959GT	PUMP,LIFT 1.403 C.I.***	1
35	31249GT	SEAL KIT,LIFT PUMP** to SN 6053	1
35-	58228GT	SEAL KIT*** from SN 6054	1
36	37027GT	PUMP,VAR PISTON,2.8 C.I.***	1
36-	22965GT	EDC ASSY,SAUER,M46***	1
36-	65843GT	SEAL KIT, EDC use for EDC ASSY 22965	1
36-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
36-	32611GT	SHAFT,M46 15 TOOTH	1
36-	27067GT	SEAL,SHAFT-SUNDSTRAND***	1

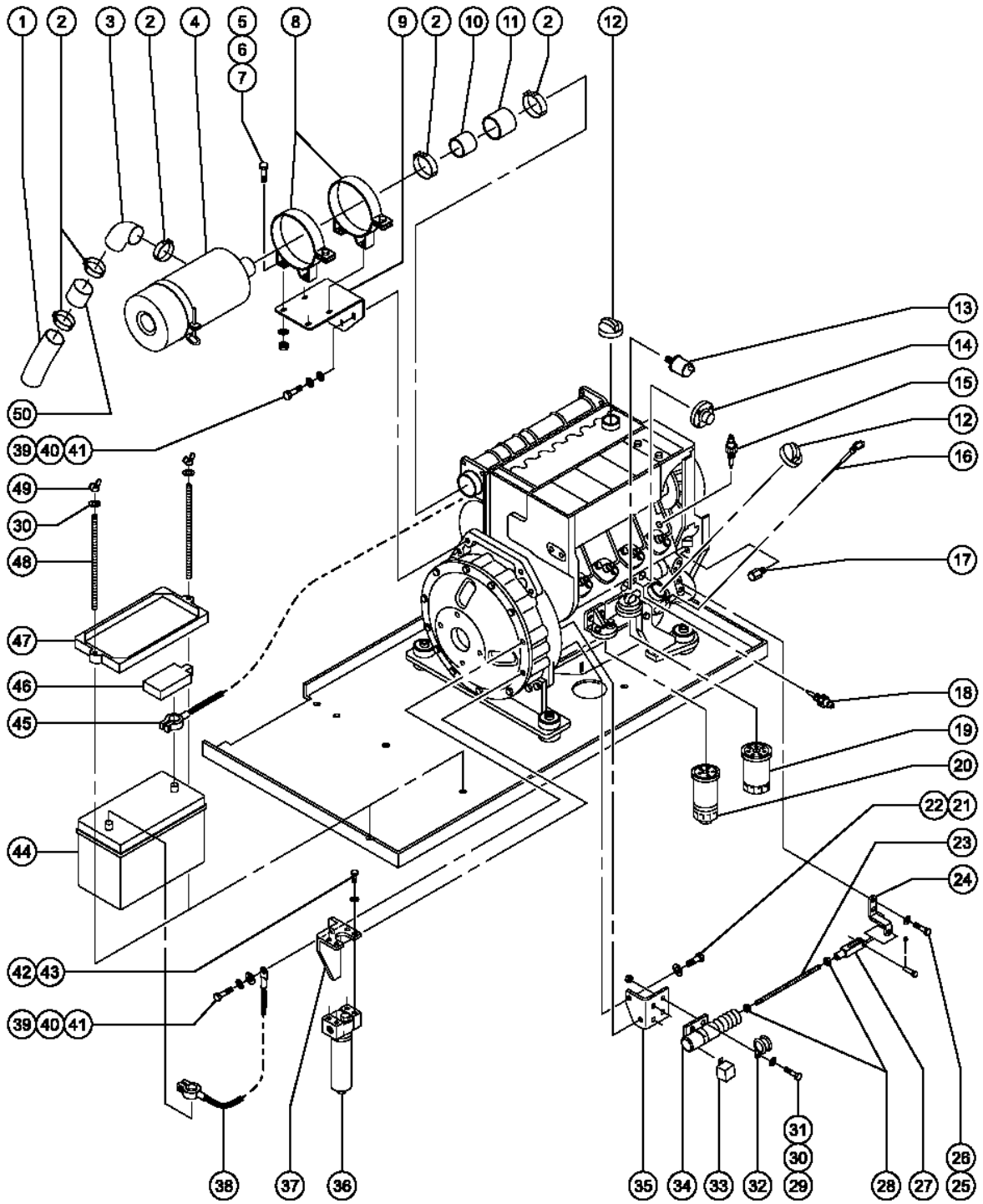
406.1 Deutz F4L 1011F Engine - View 3



406.1 Deutz F4L 1011F Engine - View 3

Item	Part No.	Description	Qty.
1	34162-3150GT	HOSE,AIR INTAKE 2.5" I.D.	1
2	53945GT	CLAMP,HOSE 2 5/16-3 1/4	5
3	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	1
4	27915GT	AIR CLEANER does not include mounting bands	1
4A-	27916GT	FILTER,AIR,ELEMENT***	1
4A-	58917GT	END CAP,AIR FILTER-27915&49740	1
4A-	65810GT	BAFFLE, AIR CLEANER (27915)**	1
4A-	52658GT	NUT - WING, AIR FILTER, 425EFI	1
4B	63463GT	AIR CLEANER,NELSON*** all plastic housing	1
4B-	62420GT	FILTER, AIR D2.9L4	1
4B-	58415GT	CLIP,AIR CLEANER END CAP***	
4B-	53952GT	BRKT,AIR CLEANER ORIENTATION**	
4B-	65810GT	BAFFLE, AIR CLEANER (27915)**	
4B-	52866GT	EVACUATOR VALVE-AIR CLEANER	
4-	65815GT	CLAMP, AIR CLEANER (27915)** clamp that holds the end cap on	1
5	13002GT	SCREW,HHC,5/16-18 X 1 GR5	4
6	5397GT	WASHER,FLAT,USS,5/16",Y	4
7	6002GT	NUT, LP NYLOCK, 5/16-18	4
8	53952GT	BRKT,AIR CLEANER ORIENTATION**	2
9	30769P-SGT	BRACKET,AIR CLEANER MTG.PAINT	1
10	30966GT	HOSE,AIR INTAKE 2.25" I.D.	1
11	30967GT	HOSE,AIR INTAKE 2.75" I.D.***	1
12	29557GT	CAP,OIL FILLER,DEUTZ,DIESEL***	2
13	37033GT	SENDING UNIT,OIL PRESS.,DEUTZ* single-terminal sender	1
14	49923GT	PUMP, FUEL LIFT, F4L1011F	1
15	34059GT	SENDING UNIT,OIL TEMP.	1
16	49922GT	DIPSTICK - DEUTZ F4L1011F	1
17	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (must order cable assembly, 58256, if replacing 32752) (includes o-ring)	1

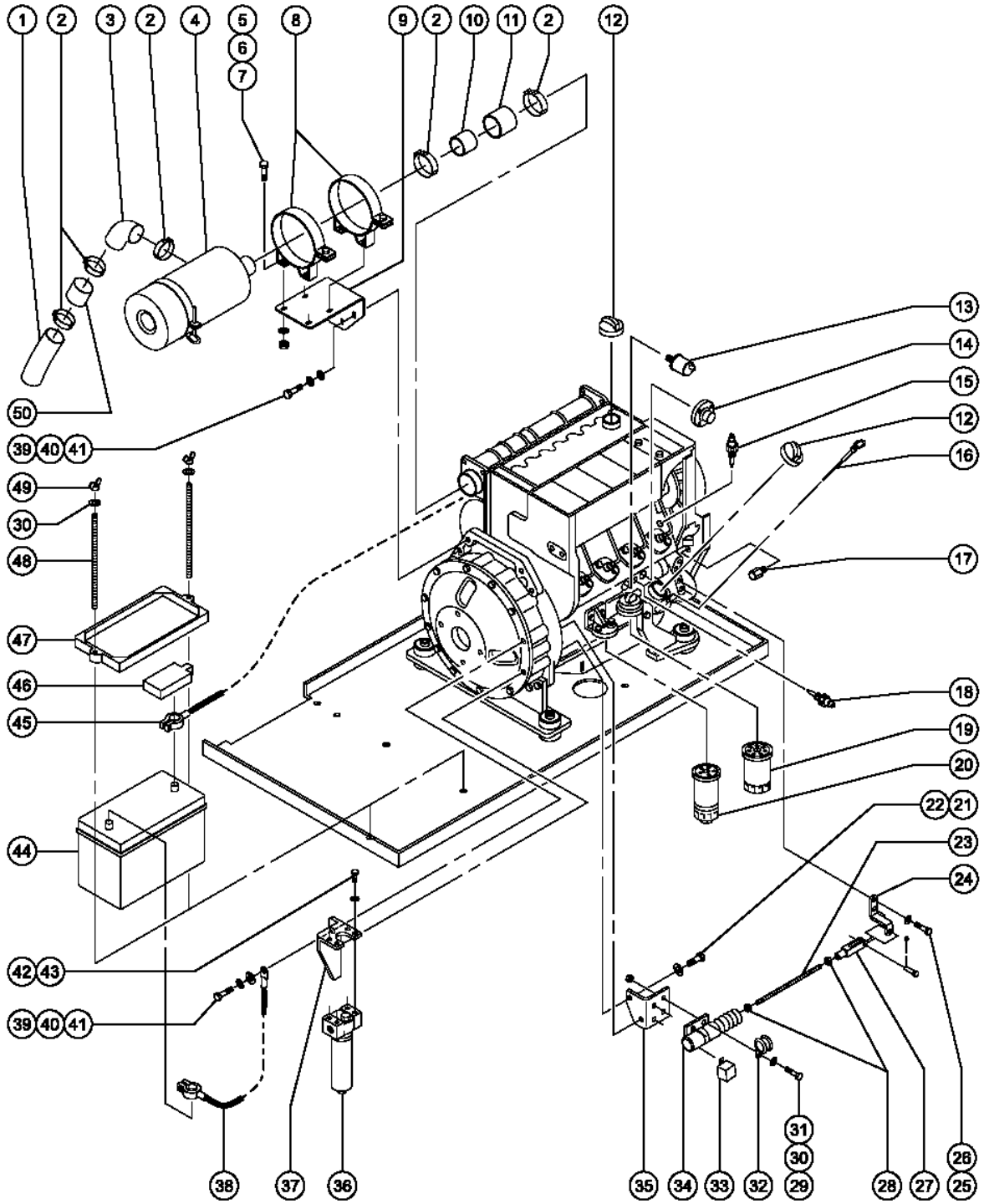
406.1 Deutz F4L 1011F Engine - View 3



406.1 Deutz F4L 1011F Engine - View 3

Item	Part No.	Description	Qty.
17-	58256GT	SOLENOID CABLE ASSY***	
17-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* (does not include diode, 45782)	
17-	56445GT	DIODE,6 AMP 200 PIV,REEL	
18	139624GT	SWITCH, OIL PRESSURE 1.5 BAR	1
18-	139666GT	KIT,OP SWITCH,DEUTZ (oil pressure kit for models with ALC-500 control system. replaces 65765. includes item 6 and instructions)	
19	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
19-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1
20	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
20-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
21	23057GT	SCREW,HHC,M8 X 20MM	2
22	49408GT	WASHER, LOCK, M8	2
23	30785-1000GT	THREADED ROD,1/4-28 X 10 IN***	1
24	33240P-SGT	BRACKET,ACTUATOR ARM MTG,PTD	1
25	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	2
26	49407GT	WASHER,LOCK,M6	2
27	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
28	21496GT	NUT,HEX,1/4-28	2
29	6090GT	SCREW, HHC, 1/4-20 X .75	4
30	6638GT	WASHER, FLAT, USS, 1/4"Y	6
31	6889GT	NUT,LP NYLOCK,1/4-20	4
32	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	2
33	60521GT	RELAY,SEALED 30/40 AMP from SN 7453	1
33-	73993GT	HARNESS,RPM SOLENOID RELAY***	1
34	29073GT	SOLENOID,THROTTLE,	1
34-	52537GT	BOOT,SOLENOID,29073	1
35	33241P-SGT	BRACKET,SOLENOID MTG,PAINTED	1
36		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
36-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	1

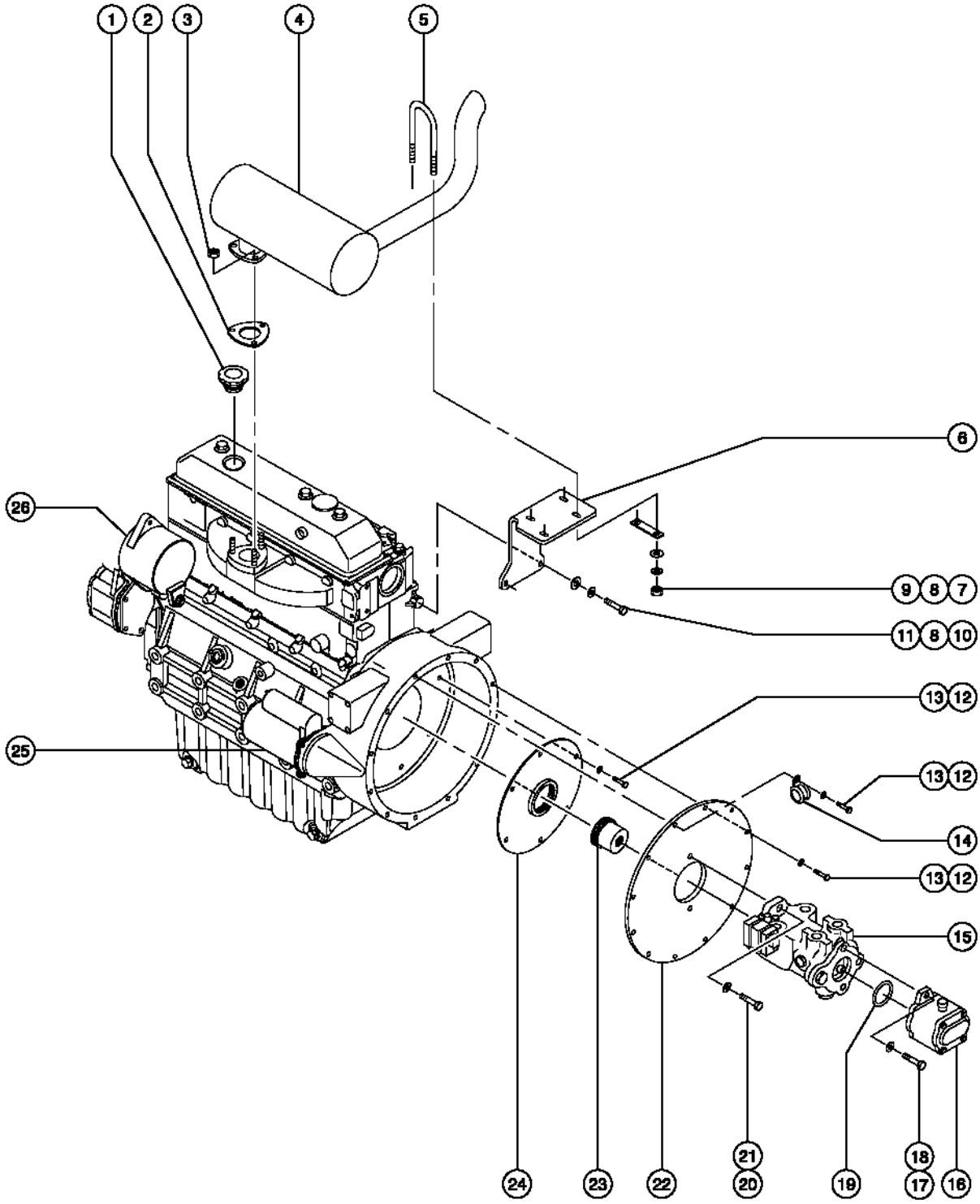
406.1 Deutz F4L 1011F Engine - View 3



406.1 Deutz F4L 1011F Engine - View 3

Item	Part No.	Description	Qty.
36-	20880GT	FILTER ELEMENT-10 MIC.*** for 20879 (no longer available)	1
36A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
36A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
37	30230P-SGT	FILTER MOUNT BRACKET	1
38	122058GT	BATTERY CABLE,1/0 GA,BLK 30"	1
39	44064GT	SCREW,HHC,M10 X 30MM,	4
40	22700GT	WASHER,LOCK,M10	4
41	6097GT	WASHER,FLAT,USS,3/8",Y	3
42	8914GT	SCREW,HHC,1/4-20 X .625	4
43	6356GT	WASHER,LOCK,.25	4
44	1303581GT	BATTERY, 12V, 950CCA, FLA	1
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

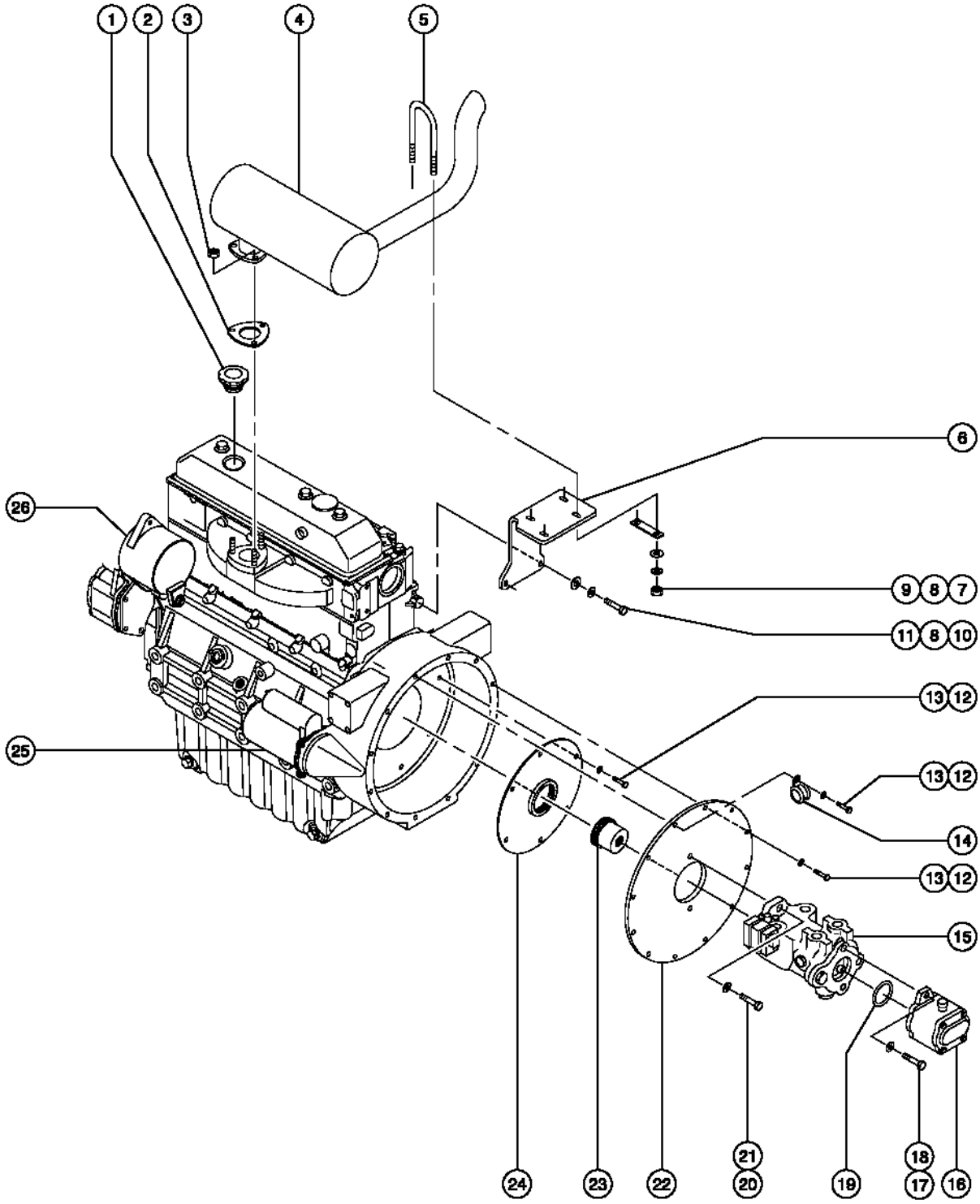
407.1 Perkins 704-30 Engine - View 1



407.1 Perkins 704-30 Engine - View 1

Item	Part No.	Description	Qty.
-	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	
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 *** includes Index No. 7	2
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
15-	22965GT	EDC ASSY,SAUER,M46***	1
15-	65843GT	SEAL KIT, EDC use for EDC ASSY 22965	1
15-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
15-	32611GT	SHAFT,M46 15 TOOTH	1
15-	27067GT	SEAL,SHAFT-SUNDSTRAND***	1
16	53959GT	PUMP,LIFT 1.403 C.I.***	1
16-	31249GT	SEAL KIT,LIFT PUMP** to SN 6053	1
16-	58228GT	SEAL KIT*** from SN 6054	1
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

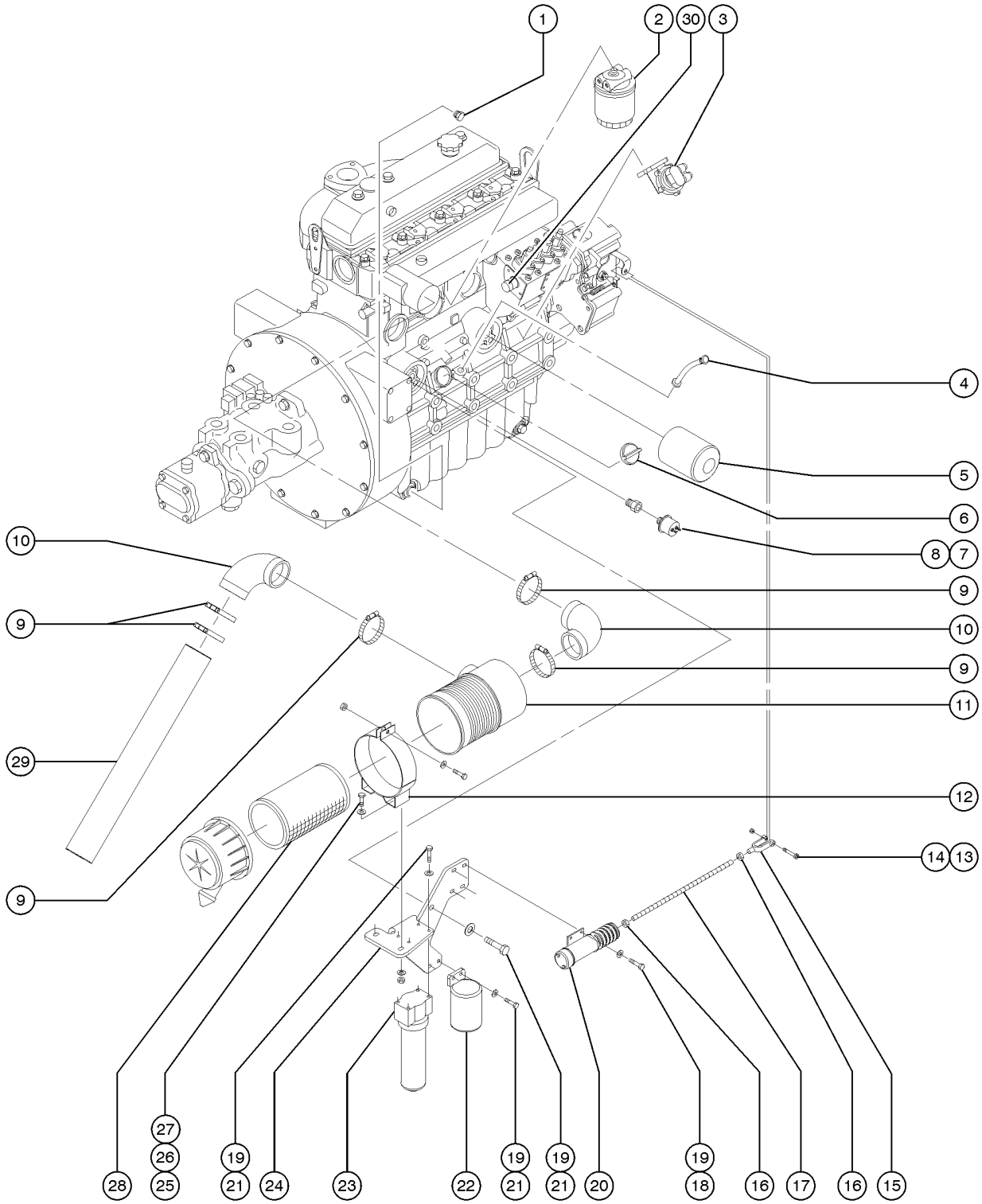
407.1 Perkins 704-30 Engine - View 1



407.1 Perkins 704-30 Engine - View 1

Item	*Part No.*	*Description*	*Qty.*
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
24-	65538GT	FLYWHEEL (PERKINS KR70481U)**	
25	65495GT	STARTER MOTOR, PERKINS (53883)	1
26	65487GT	ALTERNATOR, PERKINS (53883)	1

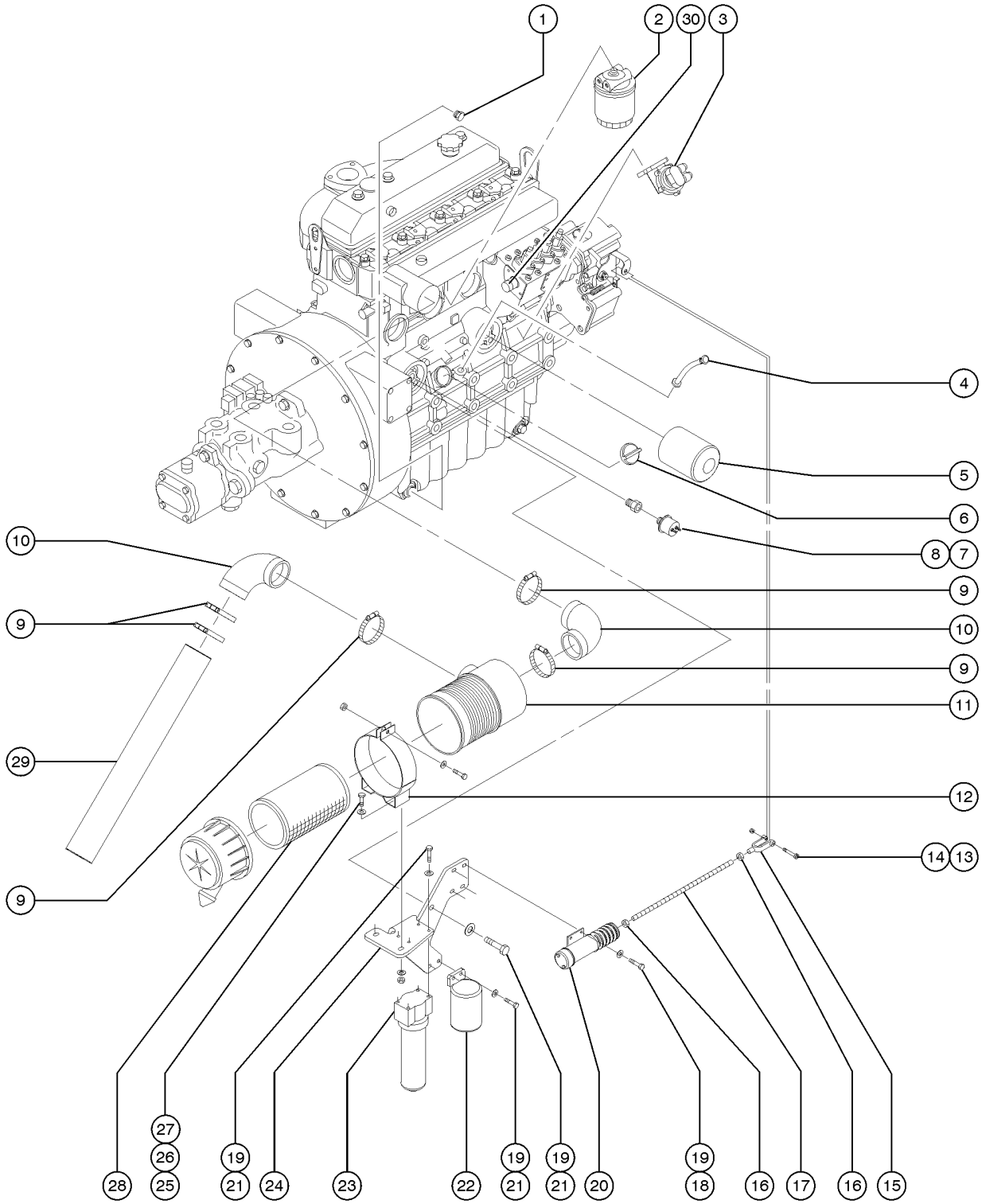
408.1 Perkins 704-30 Engine - View 2



408.1 Perkins 704-30 Engine - View 2

Item	Part No.	Description	Qty.
1	109802GT	PLUG,ORB #6	1
2	62421GT	FILTER,FUEL,PERKINS	1
3	65500GT	PUMP, LIFT INLET PORT (53883)	1
3-	65501GT	FITTINGS, LIFT PUMP INLET PORT	1
3-	73438GT	ADPT,HOSE BARB/STAND PIPE 1/4"	1
3-	73437GT	NUT,COMPRESSION 1/4"	1
3-	73436GT	SLEEVE,COMPRESSION 1/4"	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*** dual-terminal sender	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
11-	52866GT	EVACUATOR VALVE-AIR CLEANER	
12	53952GT	BRKT,AIR CLEANER ORIENTATION** includes mounting fasteners	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
20-	52537GT	BOOT,SOLENOID,29073	1
21	6090GT	SCREW, HHC, 1/4-20 X .75	7
22	42766GT	SEPARATOR/FILTER,FUEL DIESEL**	1

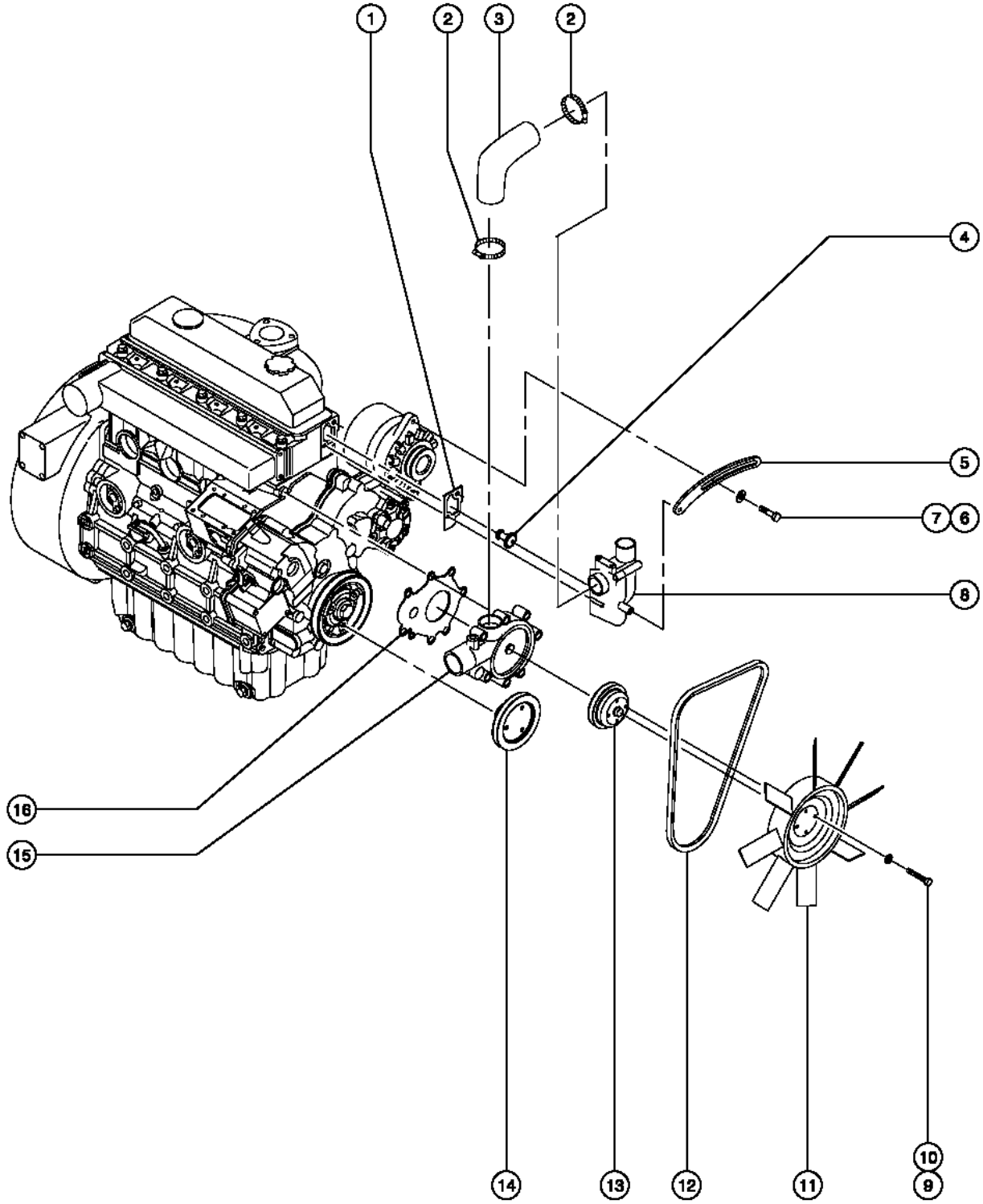
408.1 Perkins 704-30 Engine - View 2



408.1 Perkins 704-30 Engine - View 2

Item	Part No.	Description	Qty.
22-	42767GT	SEPARATOR/FILTER ELEMENT,FUEL*	1
23		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
23-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	1
23-	20880GT	FILTER ELEMENT-10 MIC.*** for 20879 (no longer available)	1
23A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
23A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
24	63399PGT	AIR CLEANER BRACKET, PAINTED	1
25	219437GT	ISOLATOR,VIBRATION to SN 2958	2
25-	13002GT	SCREW,HHC,5/16-18 X 1 GR5 from SN 2959	2
26	5397GT	WASHER,FLAT,USS,5/16",Y	4
27	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18 to SN 2958	4
27-	6782GT	NUT, NYLOCK, 5/16-18 from SN 2959	2
28	62420GT	FILTER, AIR D2.9L4	1
29	34162-3150GT	HOSE,AIR INTAKE 2.5" I.D.	1
30	72265GT	SOLENOID,SHUTDOWN,PERKINS ****	1

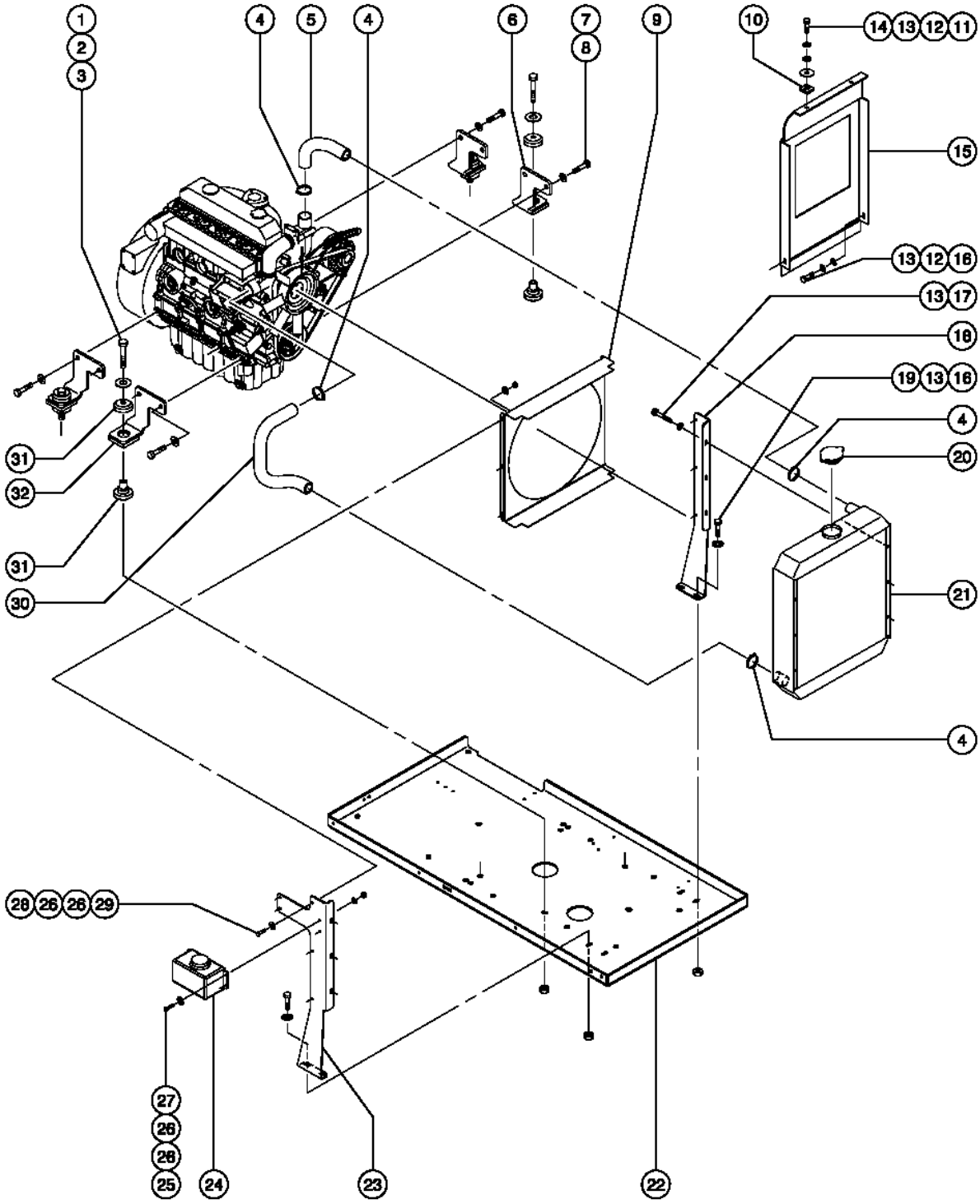
409.1 Perkins 704-30 Engine - View 3



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

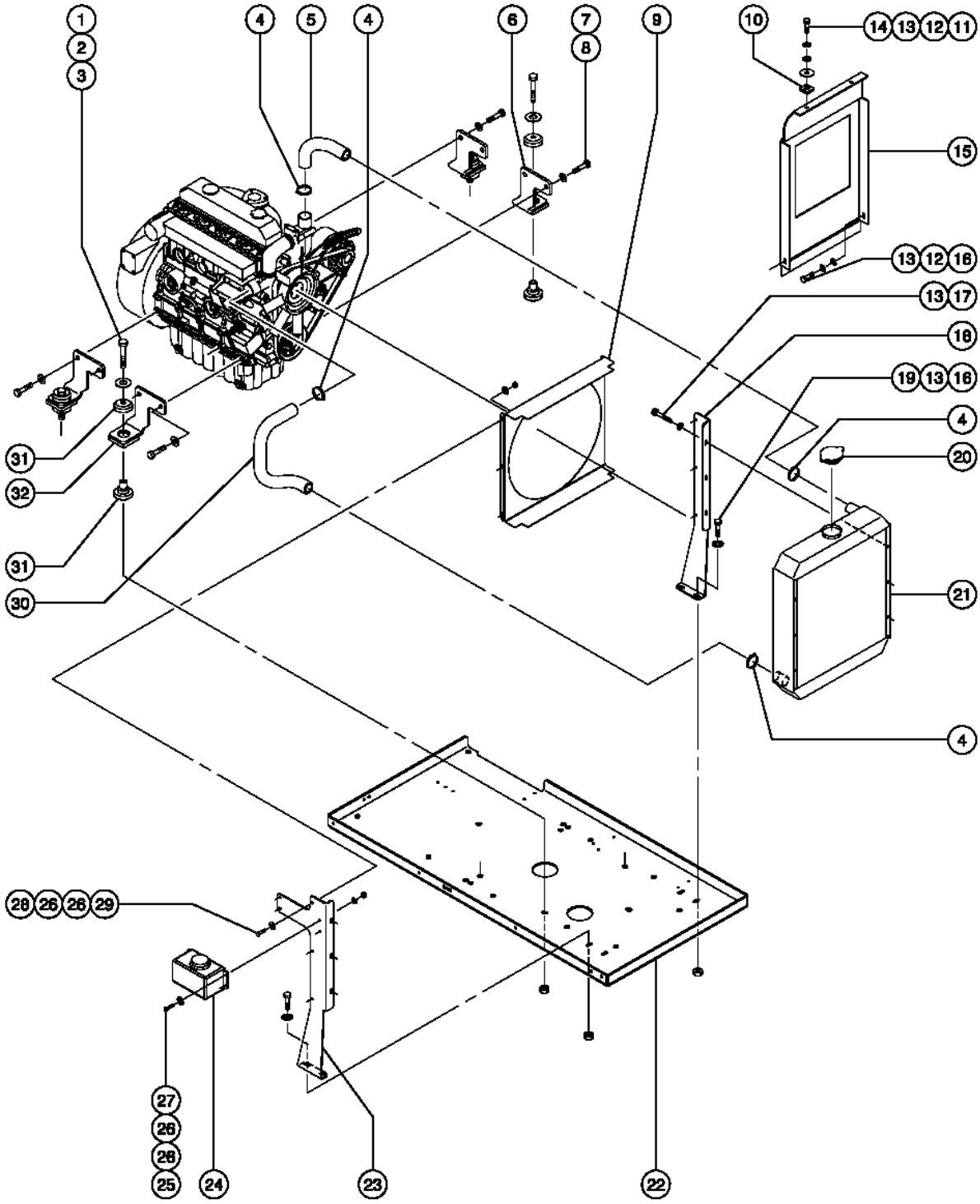
410.1 Perkins 704-30 Engine - View 4



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
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	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
24-	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

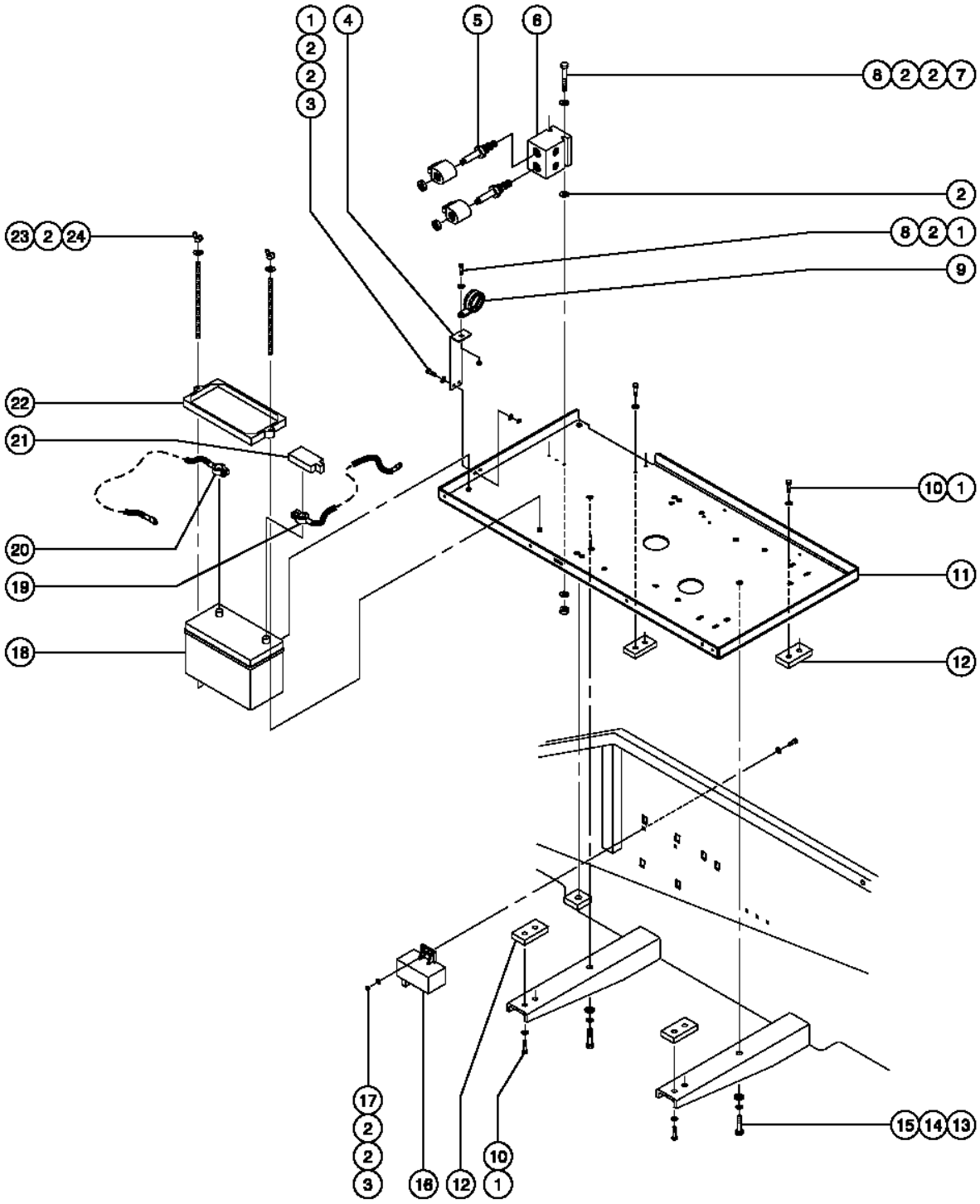
410.1 Perkins 704-30 Engine - View 4



410.1 Perkins 704-30 Engine - View 4

Item	*Part No.*	*Description*	*Qty.*
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
32	63419GT	WELDMENT,ENGINE MOUNT,OUTBOARD	2

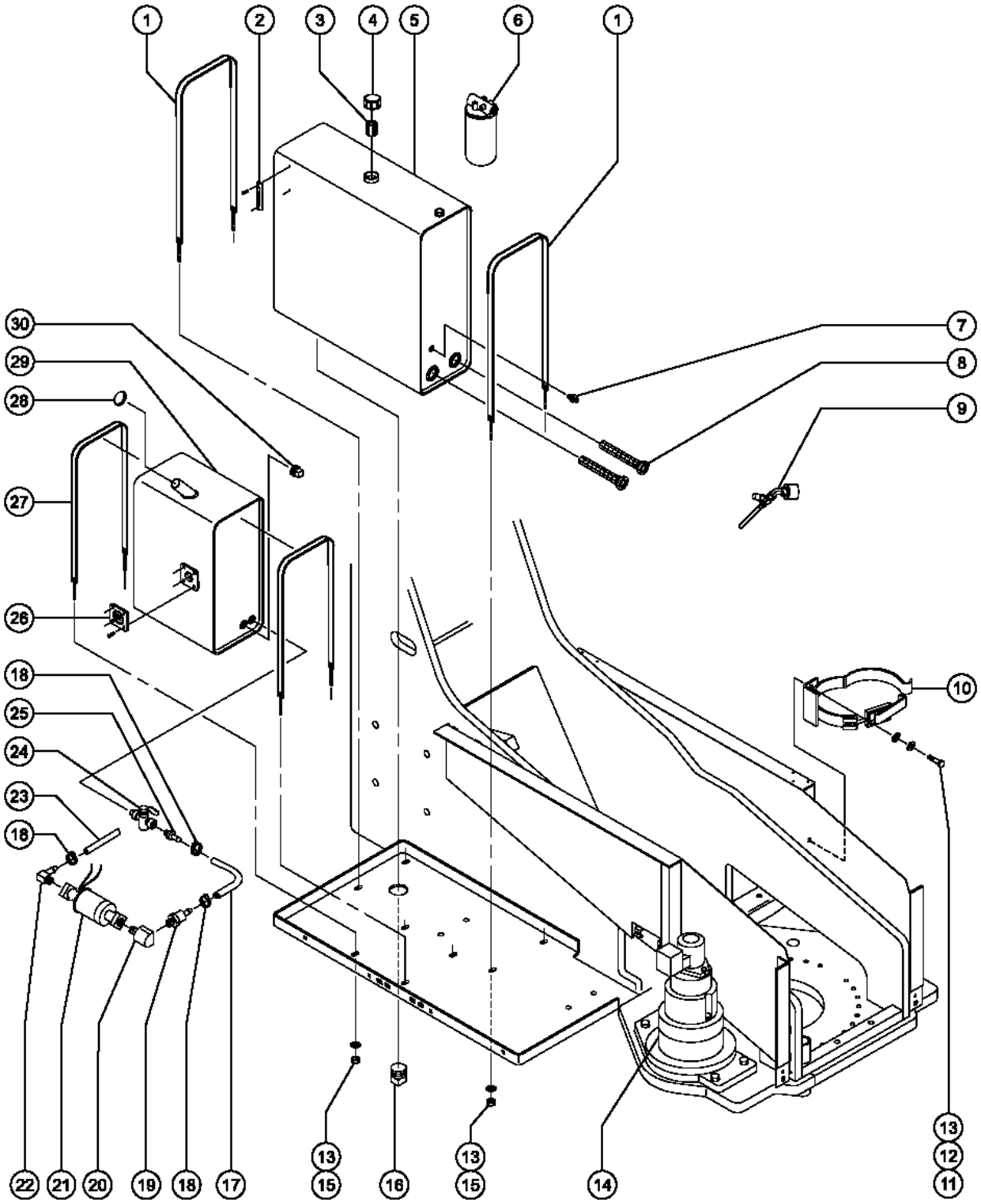
411.1 Perkins 704-30 Engine - View 5



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
5-	81043GT	COIL,SOLENOID,8 DSD 10V,W/DIO*	2
5-	45912GT	NUT,SOLENOID VALVE 2P3W	2
6	42157GT	MANIFOLD,BRAKE/MOTOR SHIFT includes Index No. 5; to SN 7500	1
6-	81024GT	MANIFOLD,BRAKE/2 SPD includes Index No. 5; from SN 7501	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) component no longer available	1
17	6888GT	SCREW,HHC,1/4-20 X 1	1
18	1303581GT	BATTERY, 12V, 950CCA, FLA	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

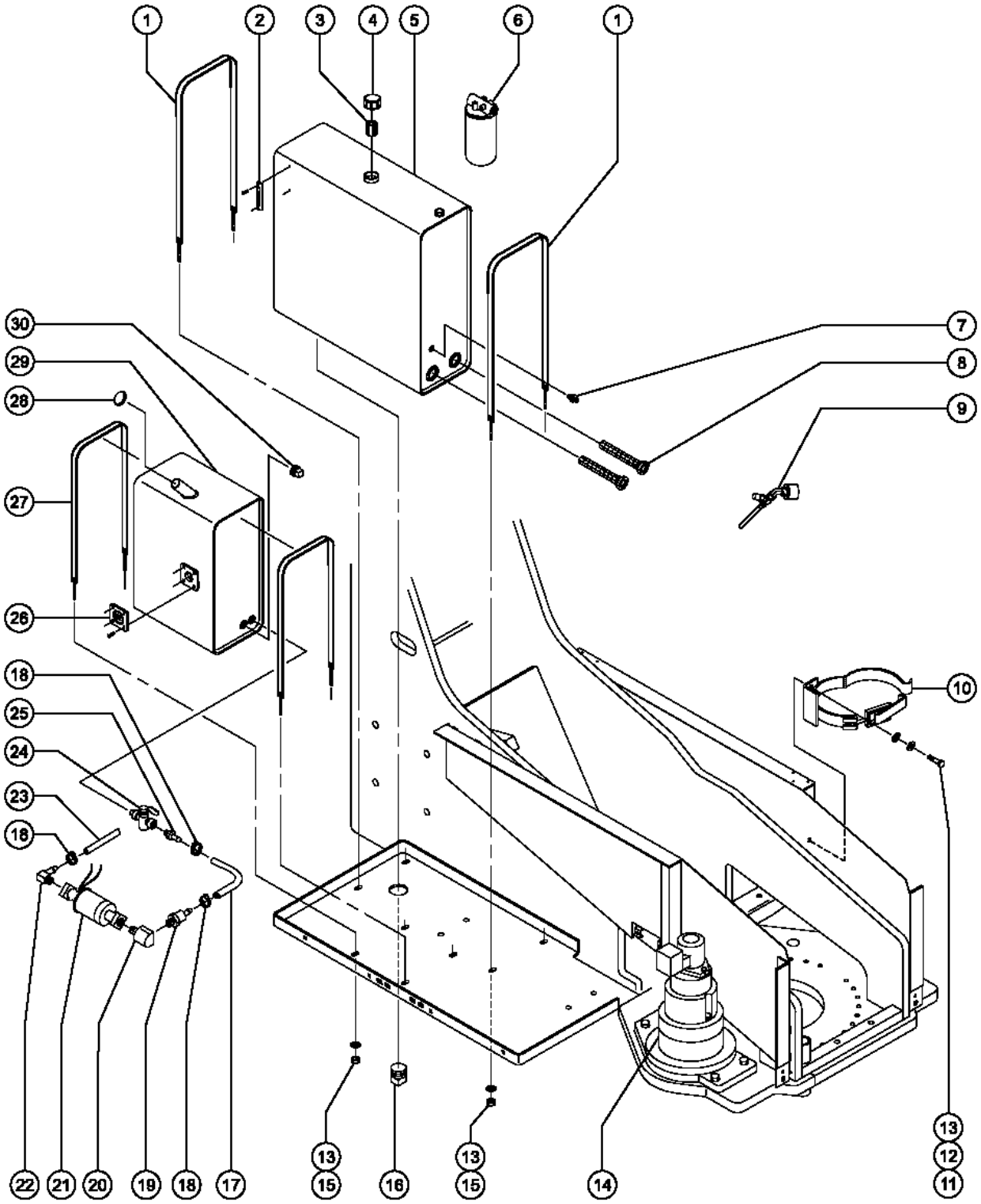
501.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (with metal fuel tank)



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*** includes Index No's. 2, 8 and 16	1
6	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
6-	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** Gasline/LPG models	1
10	53120-SGT	LP.TANK BRACKET TALL WLDMNT Gasoline/LPG models	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 refer to section 507.1	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
18	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	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
21-	46164GT	FUEL PUMP KIT,FORD LRG 423*** includes Index No.s 19, 20 and 22	1
22	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	1
23	27089GT	HOSE,5/16 FUEL,SAE 30R7	75
24	19487GT	VALVE, FUEL LOCK	1
25	27586GT	HOSE END,MALE,.313 X .25 MPT	1
26	30584GT	GAUGE,FUEL,SIDE MOUNT	1

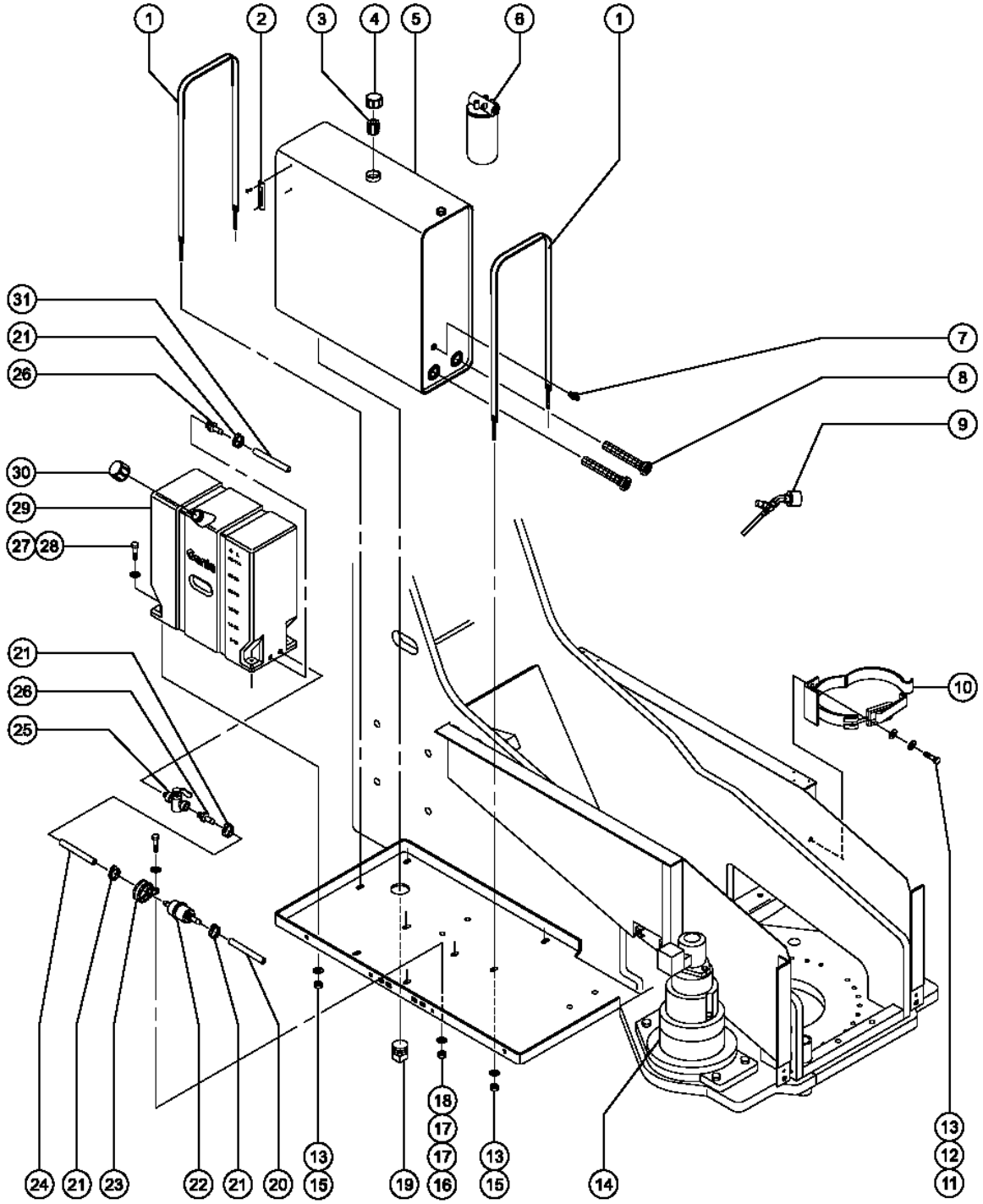
501.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (with metal fuel tank)



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

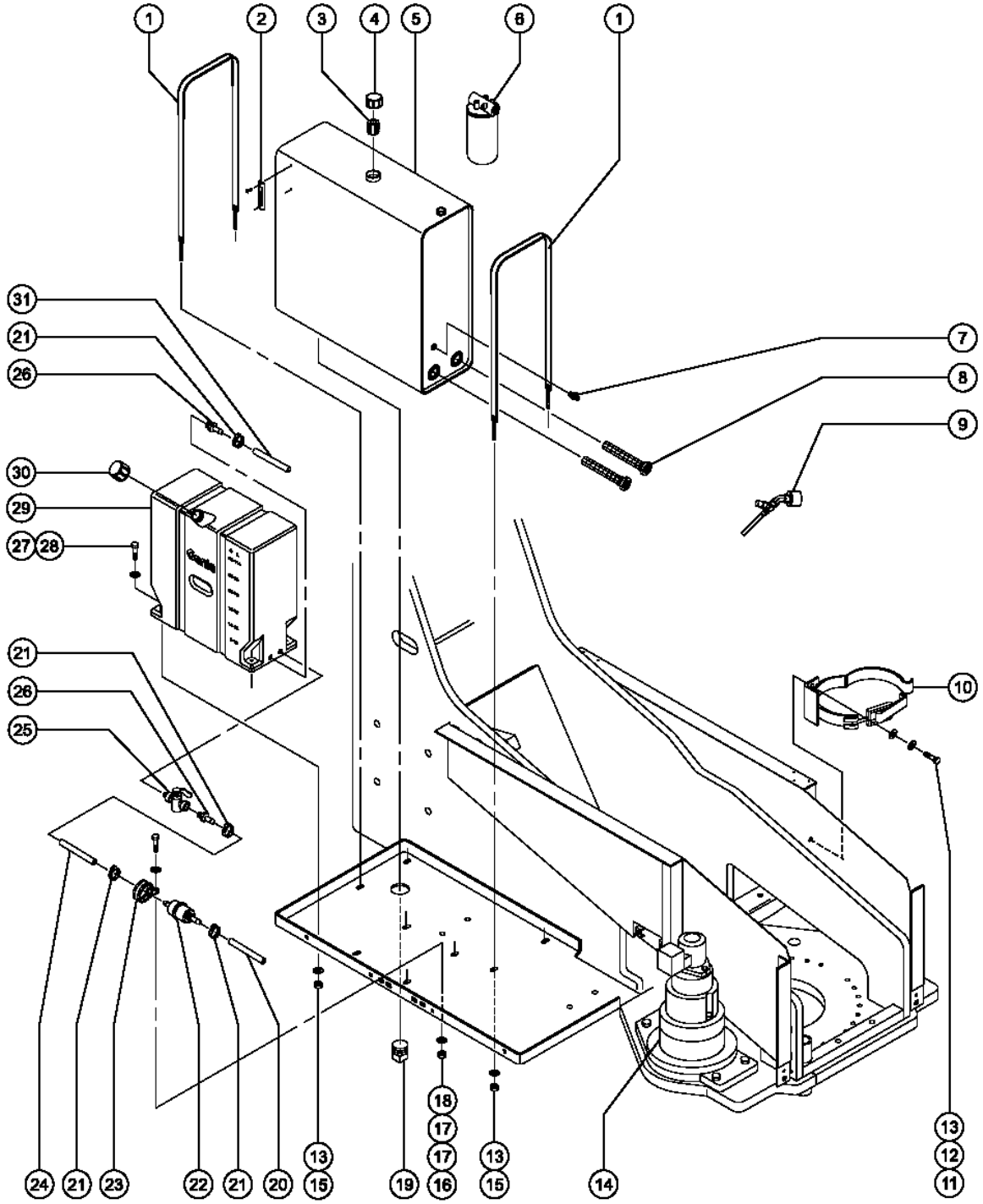
Item	*Part No.*	*Description*	*Qty.*
27	30179GT	TANK STRAP,BOLT STYLE,62"	2
28	28829GT	CAP,FUEL,RED***	1
29	30546P-SGT	TANK,30 GALLON,PAINTED** includes Index No. 30	1
30	18218GT	PLUG,PIPE,HEX HEAD,STL,1/4NPT	1

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*** includes Index No's. 2, 8 and 19	1
6	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
6-	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** Gasoline/LPG models	1
10	53120-SGT	LP.TANK BRACKET TALL WLDMNT Gasoline/LPG models	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 refer to section 507.1	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
21	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	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
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

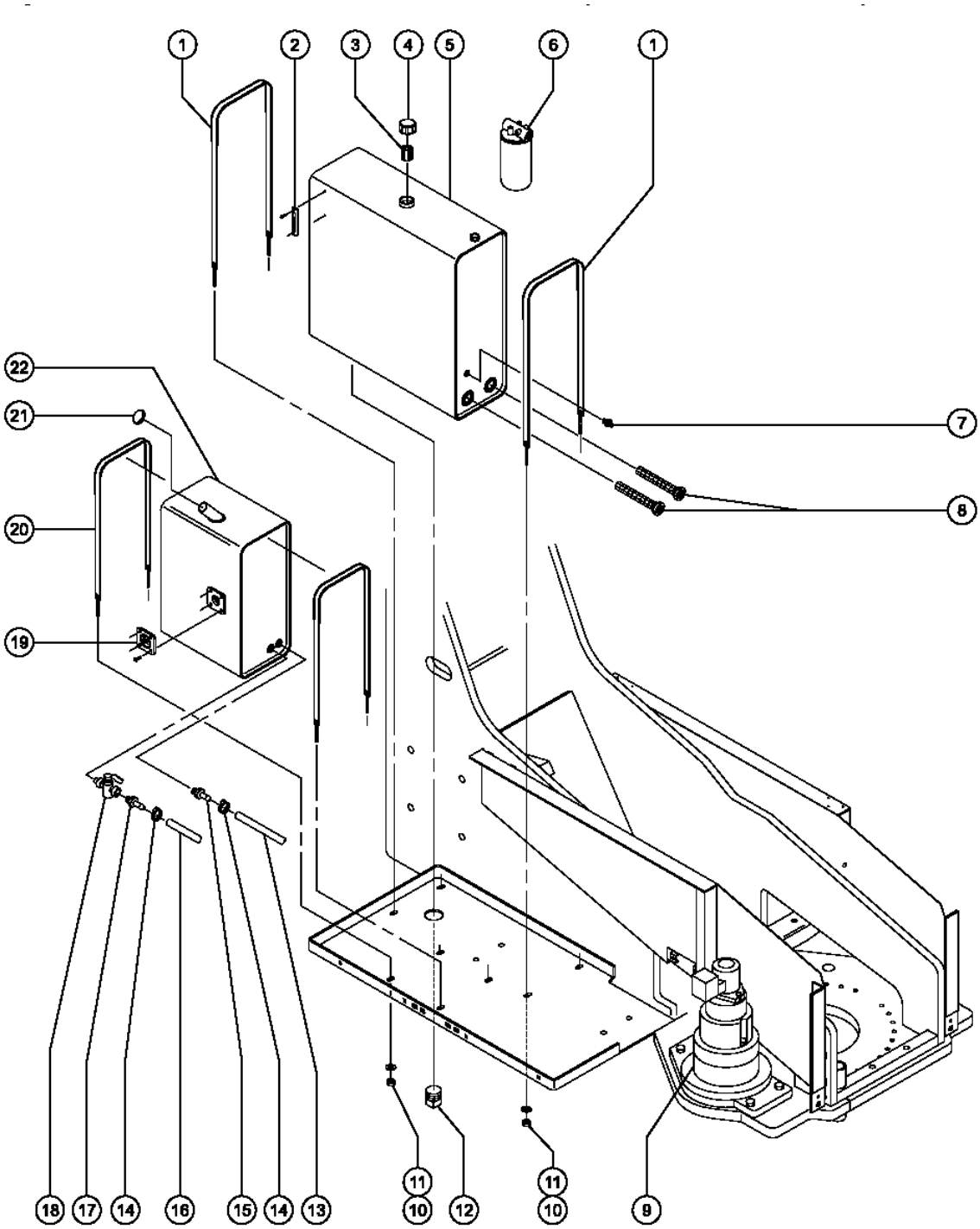
502.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (with plastic fuel tank)



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

Item	*Part No.*	*Description*	*Qty.*
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

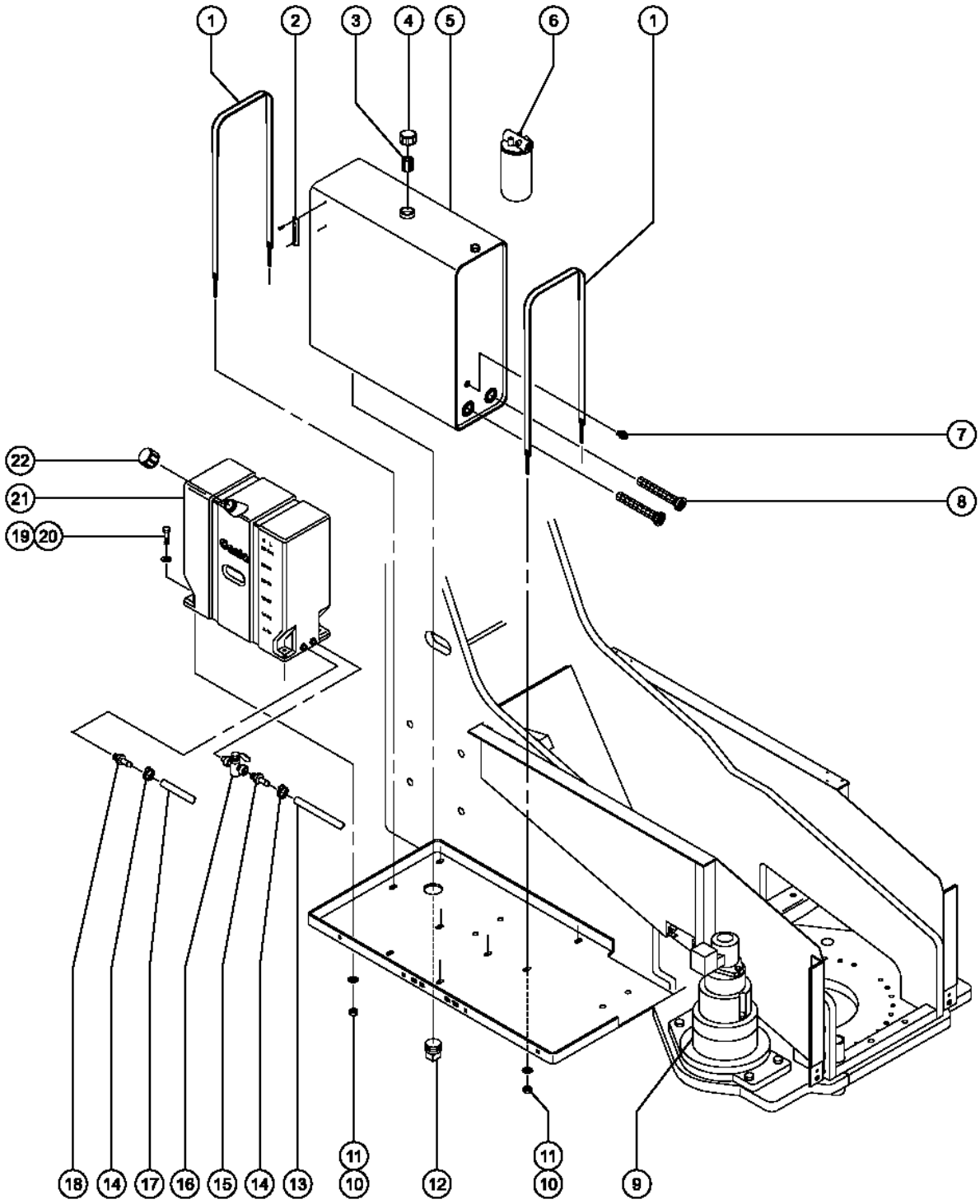
503.1 Hydraulic and Fuel Tanks - Diesel Models (with metal fuel tank)



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*** includes Index No's. 2, 8 and 12	1
6	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
6-	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 refer to section 507.1	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, .25" TO .63" X .3125"	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

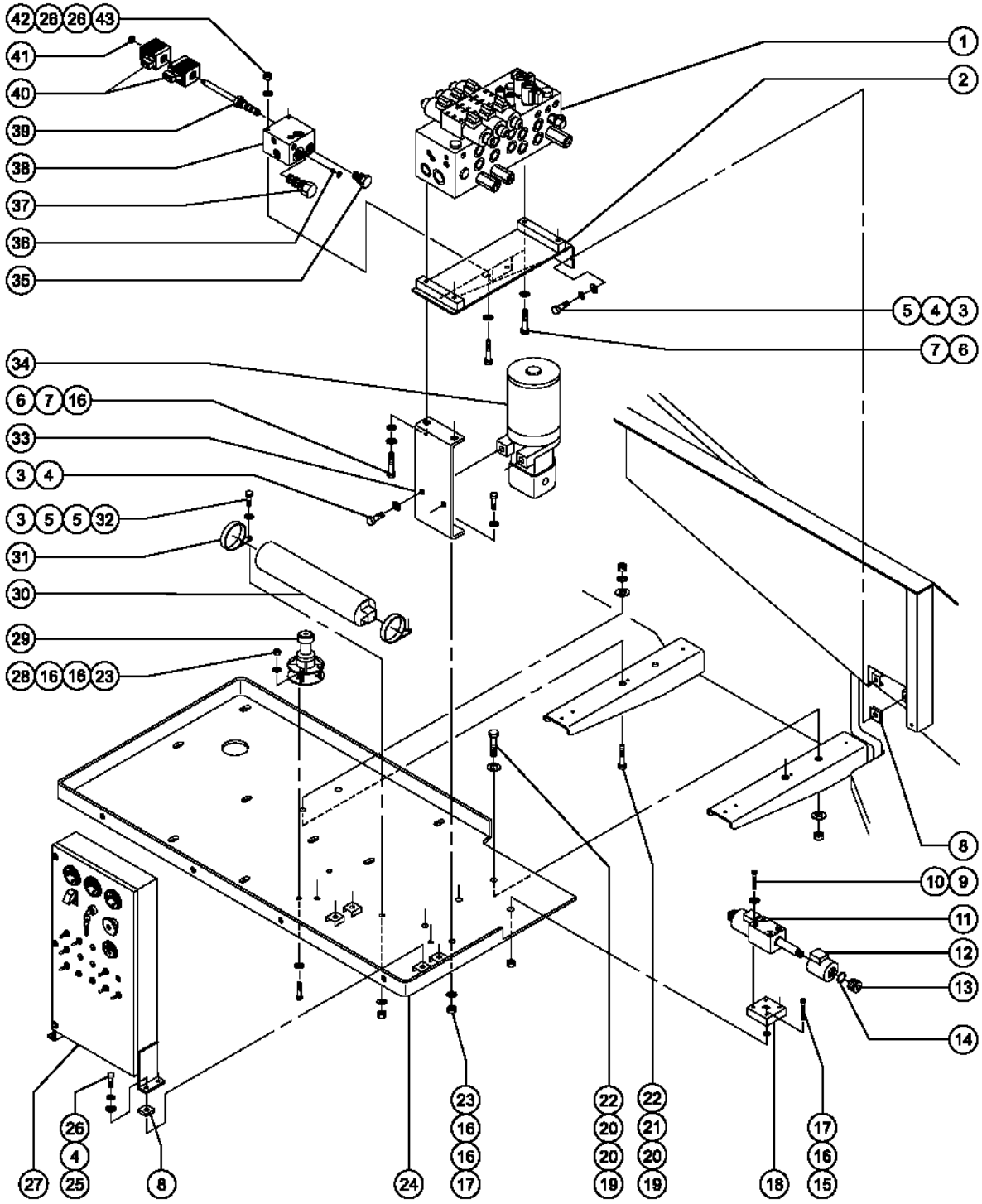
504.1 Hydraulic and Fuel Tanks - Diesel Models (with plastic fuel tank)



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

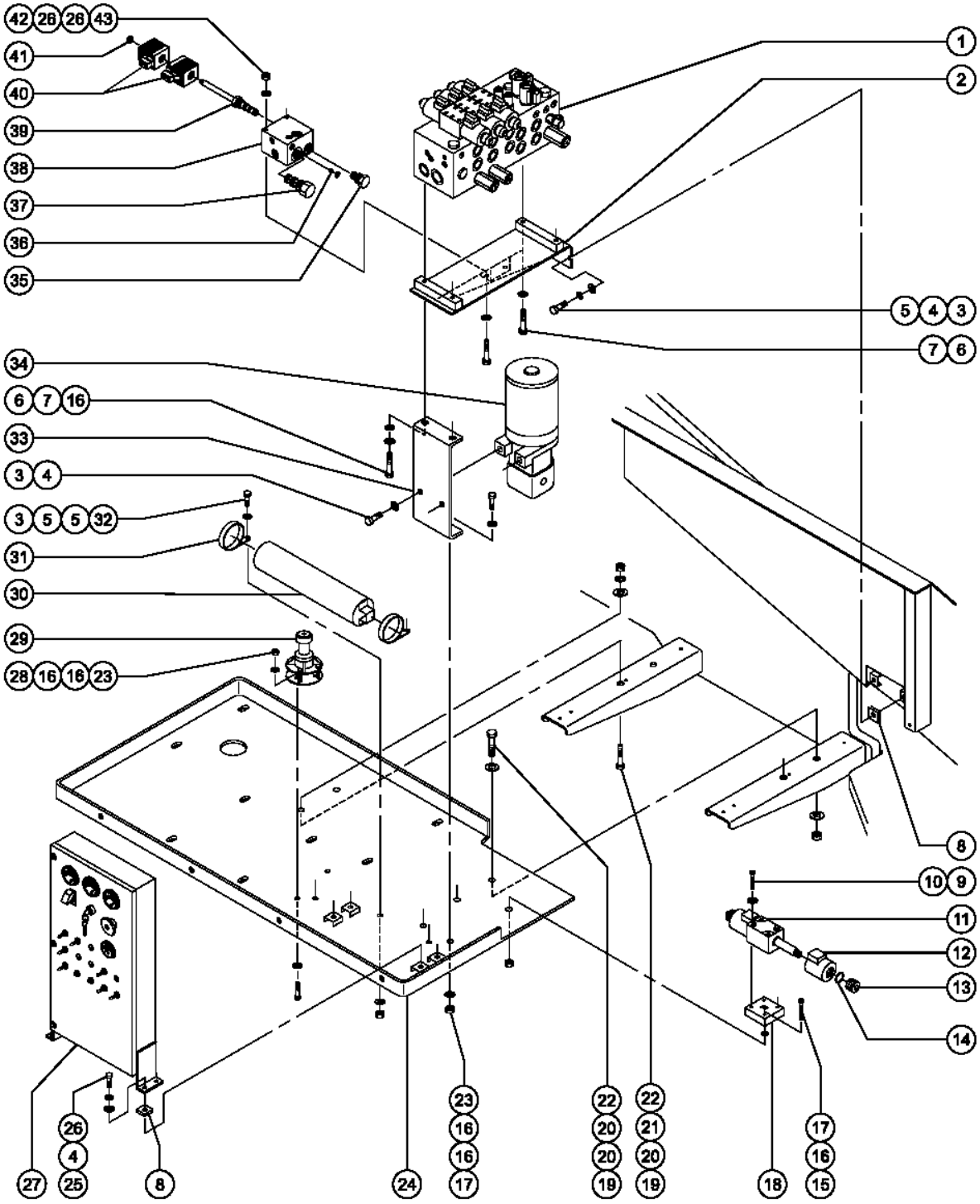
Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
2	21141GT	GAUGE-SIGHT,LHA-LGTB***	1
3	31506GT	STRAINER,FILLER NECK	1
4	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
5	53353GT	TANK,HYDRAULIC,45 GALLON*** includes Index No's. 2, 8 and 12	1
6	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
6-	46014GT	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 refer to section 507.1	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, .25" TO .63" X .3125"	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) no longer available, (replaced by 1316635)	1
22B	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1

505.1 Function Manifold and Auxiliary Power Unit Installation



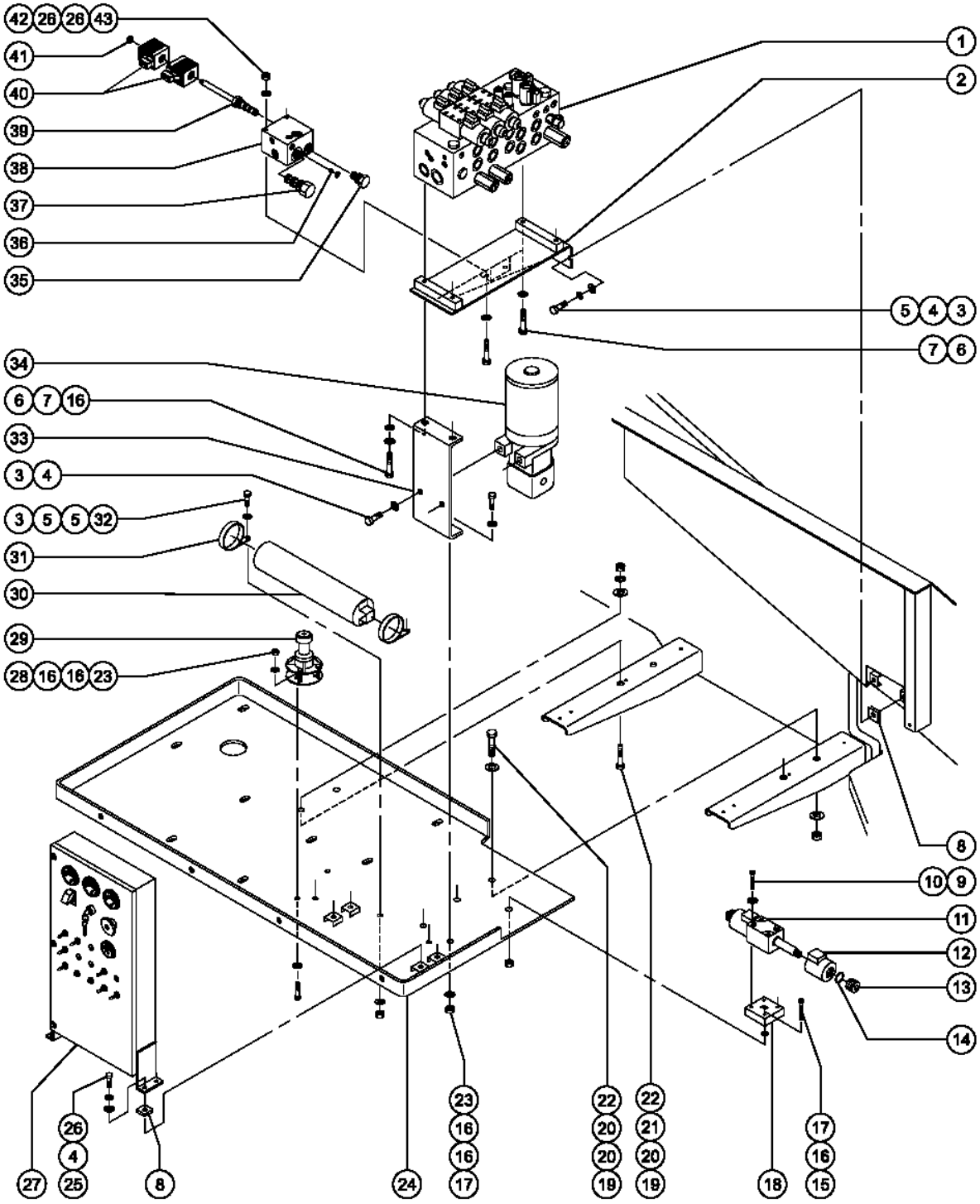
Item	Part No.	Description	Qty.
1	146172GT	MANIFOLD,FUNCTION to SN 7500; replaced 46938	
1B	146173GT	MANIFOLD,MULTI-FUNCTION,S60 from SN 7501; replaced 81026	
2	53122-SGT	WELDMENT,FUNCTION MANIFOLD MNT	1
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
4	6021GT	WASHER,LOCK,.375	8
5	6097GT	WASHER,FLAT,USS,3/8",Y	6
6	4266GT	SCREW,HHC,1/4-20 X 2	4
7	6356GT	WASHER,LOCK,.25	4
8	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	14
9	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	4
10	6607GT	WASHER,LOCK,#10 PLTD	4
11	146160GT	VALVE KIT,D03 includes Index No's. 12 through 14 Non-oscillating models only	1
12	223763GT	COIL WITH DE CONNECTOR non-oscillating models	1
13	33568GT	NUT, CP521-1 VALVE non-oscillating models	1
14	45914GT	O-RING, DO1 VALVE non-oscillating models	1
15	30444GT	SCREW,SHC,1/4-20 X 2	4
16	6638GT	WASHER, FLAT, USS, 1/4"Y	14
17	6091GT	NUT, NYLOCK, 1/4-20	6
18	24675GT	SUB PLATE (SPOOL VALVE) non-oscillating models	1
19	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
20	13064GT	WASHER,FLAT,.625 HARDENED	5
21	6036GT	WASHER,LOCK,.625 PLTD	1
22	6024GT	NUT,NYLOCK,5/8-11	3
23	6888GT	SCREW,HHC,1/4-20 X 1	4
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 refer to sections 508.1 or 509.1	8

505.1 Function Manifold and Auxiliary Power Unit Installation



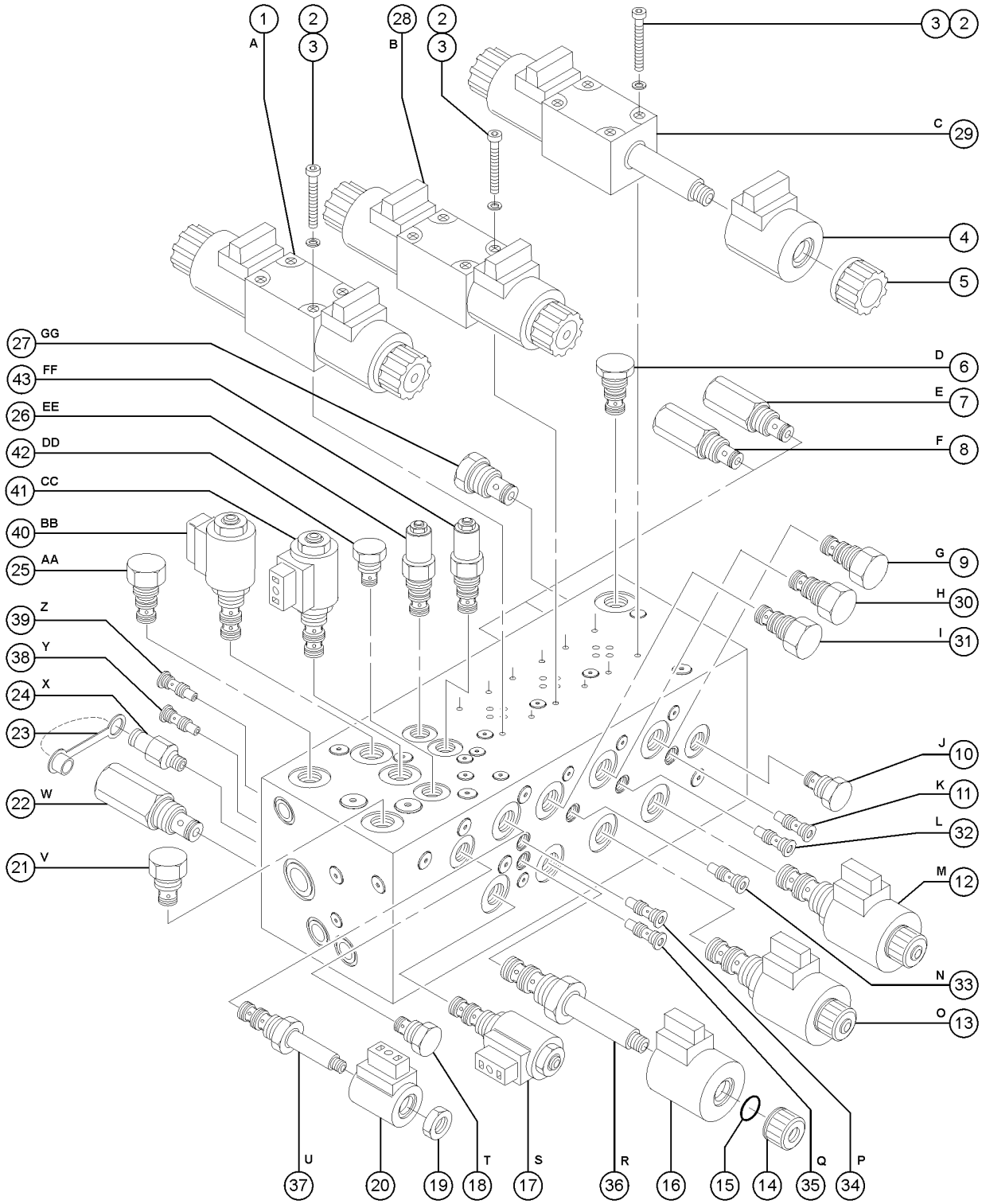
Item	Part No.	Description	Qty.
28	6889GT	NUT,LP NYLOCK,1/4-20	2
29	44586GT	SENSOR,LEVEL 4.5*** to SN 7388	1
29B	94077GT	SENSOR,LEVEL,4.5 DEG from SN 7389	1
30	36599GT	ACCUMULATOR,250 PSI PRECHARGE	1
31	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
32	4828GT	NUT,NYLOCK,3/8-16	2
33	30718P-SGT	BRACKET,AUX.PUMP MNT.PAINTED	1
34A	32811GT	POWER UNIT,AUX PUMP 12VDC** (dual terminal motor) to SN 3883	
34A-	32948GT	COUPLER,PUMP TO MOTOR (32810) for APU 32811	1
34A-	32949GT	MOTOR,12V DC (32810/32811)APU for APU 32811	1
34A-	32955GT	END HEAD, 32810 POWER UNIT for APU 32811	1
34A-	32959GT	BALL,CHECK (32810) for APU 32811	1
34A-	32962GT	GASKET,0.0005,SILVER (32810) for APU 32811	1
34A-	32963GT	GASKET,0.001,AMBER (32810) for APU 32811	1
34A-	32964GT	GASKET,0.00075,GOLD (32810) for APU 32811	1
34A-	32967GT	GASKET,PUMP TO DC MTR.(32810) for APU 32811	1
34A-	33455GT	PUMP, AUX. POWER UNIT for APU 32811	1
34B	53236GT	POWER UNIT,AUX PUMP 12VDC* (single terminal motor) from SN 3884 to 7816	1
34B-	29417GT	PUMP ASSY.(27648)******** for APU 53236	1
34B-	29418GT	COUPLER - 27648 POWER UNIT for APU 53236	1
34B-	29428GT	VALVE,CHECK for APU 53236	1
34B-	33455GT	PUMP, AUX. POWER UNIT for APU 53236	1
34B-	62080GT	MOTOR,12V DC,APU (53236) for APU 53236	1
34C		POWER UNIT,AUX PUMP 12VDC,MTE* (item no longer available, replace with PN 89617); Check unit label for part number prior to ordering components, from SN 7817 to 10890	
34C-	37187GT	SEAL KIT, 37185 PUMP for APU 81071	1
34C-	37192GT	COUPLER, PUMP / MOTOR (36179) for APU 81071	1
34C-	62268GT	PUMP, AUX. POWER UNIT for APU 81071	1
34C-	77069GT	MOTOR,12VDC,77066 for APU 81071	1

505.1 Function Manifold and Auxiliary Power Unit Installation



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

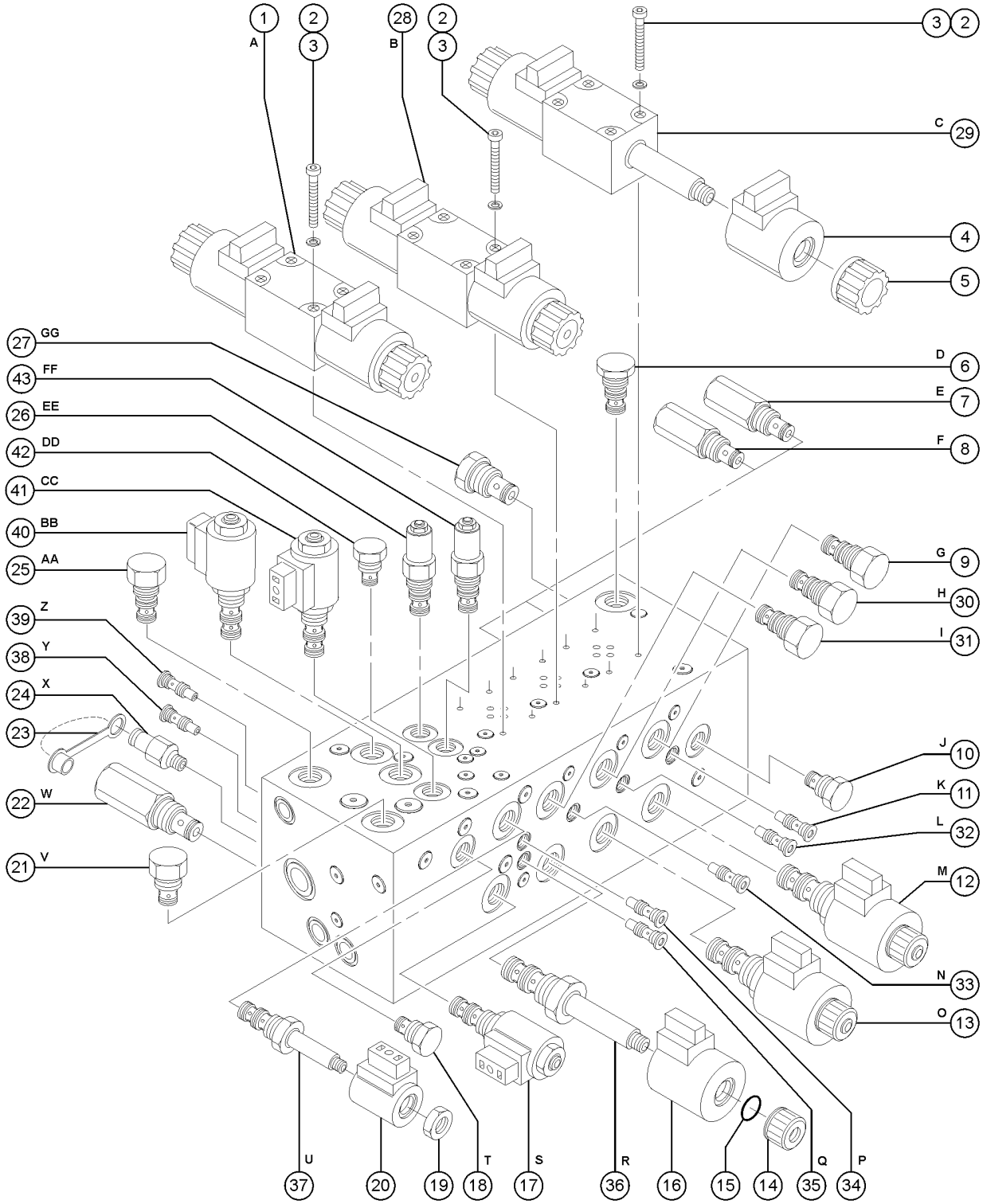
506.1 Function Manifold, S-60



506.1 Function Manifold, S-60

Item	Part No.	Description	Qty.
	146172GT	MANIFOLD,FUNCTION Complete to SN 7500; replaced 46938	
	146173GT	MANIFOLD,MULTI-FUNCTION,S60 Complete from SN 7501; replaced 81026	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	146165GT	VALVE KIT,D03 A, Turntable rotate; includes 2 each items 4 and 5, seal kit is 65879	1
2	43255GT	SCREW,SHC,10-24 X 2	12
3	6607GT	WASHER,LOCK,#10 PLTD	12
4	223763GT	COIL WITH DE CONNECTOR use connector from old coil when replacing	6
4-	48648GT	O-RING, D03 COIL	6
5	48649GT	NUT-D03 COIL	6
6	33511GT	VALVE,CHECK,PILOT OPERATED D, Boom Extend/Retract Circuit	1
7	48640GT	VALVE,RELIEF,2500 PSI E, Boom Extend	1
8	48415GT	VALVE,RELIEF F, Boom Down	1
9	27802GT	VALVE,DIFFERENTIAL SENSING*** G, Boom Extend	1
10	32975GT	VALVE,FLOW REGULATOR 0.1 GPM J, Bleeds off Differential Sensing Valve to tank	1
11	27807GT	VALVE,CHECK*** K, Differential Sensing Circuit, Boom Extend/Retract	1
12	48641GT	VALVE,PROPORTIONAL, 12V ** M, Boom extend/retract; includes 1 each of Index No's. 14 through 16	1
13	27801GT	VALVE,PROPORTIONAL SOLENOID*** O, Boom up/down; includes 1 each of Index No's. 14 through 16	1
14	45921GT	RETAINER-N.C.PROPOR.SOLENOID	3
15	45914GT	O-RING, DO1 VALVE	3
16	21935GT	COIL, 12V, 19972/21623/29069	3
17	65766GT	VALVE,SOLENOID,10V W/DIODE*** S, Platform level up; includes Index No's. 19 and 20; from SN 7501	1
17-	48642GT	VALVE-SOLENOID, 2POS,3WAY,10V S, Platform level up; includes Index No's. 19 and 20; to SN 7500	
18	31100GT	VALVE,FLOW REGULATOR 0.6GPM T, Platform Level Circuit	2
19	45912GT	NUT,SOLENOID VALVE 2P3W	4
20	27814GT	COIL,SOLENOID,10V to SN 7500	4
20-	81043GT	COIL,SOLENOID,8 DSD 10V,W/DIO* from SN 7501	

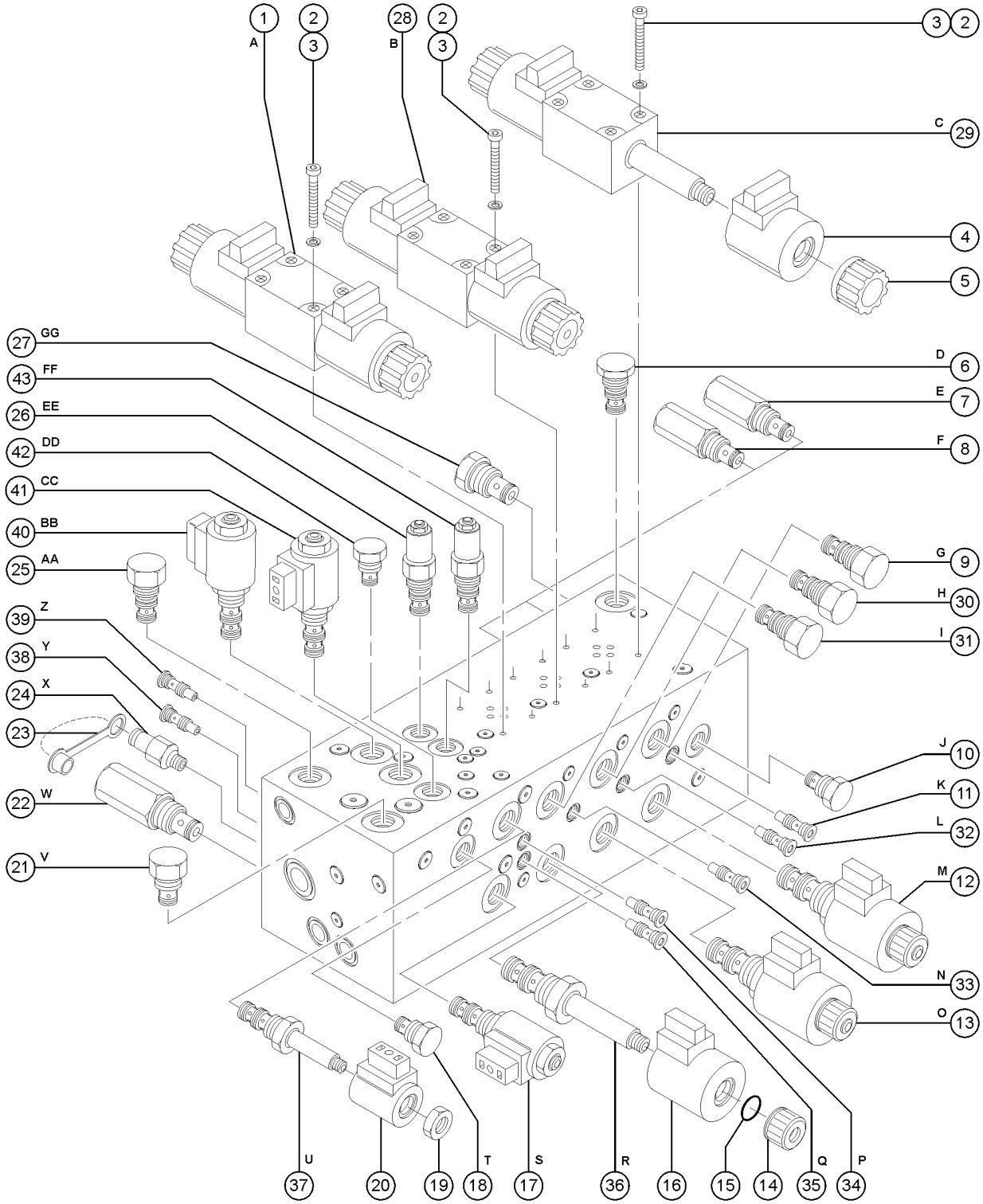
506.1 Function Manifold, S-60



506.1 Function Manifold, S-60

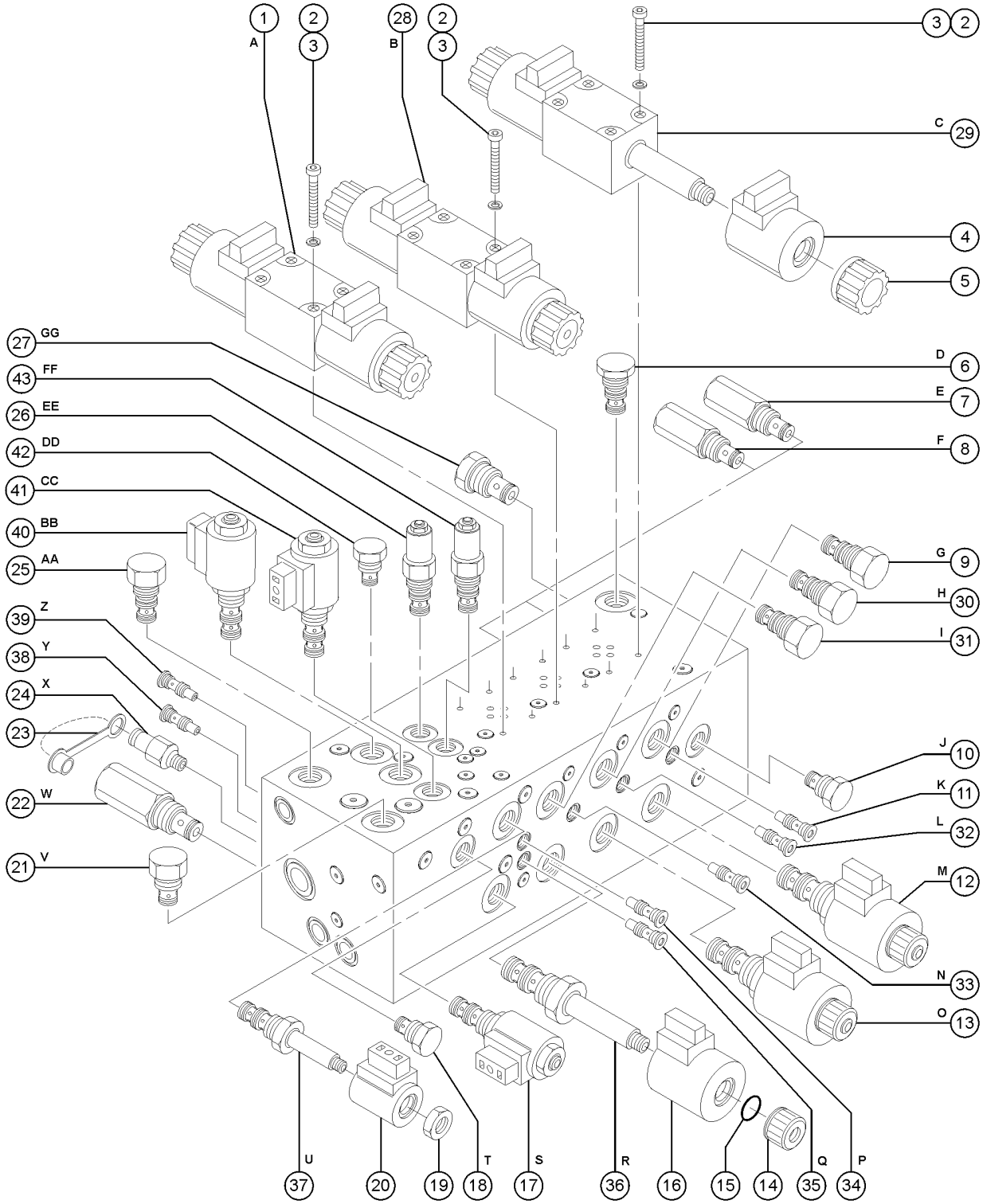
Item	Part No.	Description	Qty.
21	27804GT	VALVE,DIFFERENTIAL SENSING*** V, Meters Flow to Functions	1
22A	32663GT	VALVE,RELIEF 2600 PSI W, System Relief; S-60 models	1
23	48880GT	CAP,DIAGNOSTIC NIPPLE	1
24	48997GT	NIPPLE,DIAGNOSTIC,#4 X, Testing	1
24-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
25	34542GT	VALVE,FLOW REGULATOR 5.0 GPM AA, steer circuit; oscillate models	1
25-	111705GT	VALVE,FLOW REGULATOR 3.5 GPM** AA, steer circuit; non-oscillate models	1
26	48647GT	VALVE,COUNTERBALANCE,3500 PSI* EE, Platform Level Up	1
27	32725GT	VALVE,CHECK (30797) GG, Boom Extend/Retract Circuit	1
28	146165GT	VALVE KIT,D03 B, Boom Up/Down; includes 2 each items 4 and 5	1
29	146165GT	VALVE KIT,D03 C, Boom Extend/Retract; includes 2 each items 4 and 5	1
30	27802GT	VALVE,DIFFERENTIAL SENSING*** H, Boom Up	1
31	27802GT	VALVE,DIFFERENTIAL SENSING*** I, Turntable Rotate Left/Right	1
32	27807GT	VALVE,CHECK*** L, Differential Sensing Circuit, Boom Up/Down	1
33	27807GT	VALVE,CHECK*** N, Differential Sensing Circuit, Turntable Left/Right	1
34	27807GT	VALVE,CHECK*** P, Differential Sensing Circuit, Platform Level Circuit	1
35	27807GT	VALVE,CHECK*** Q, Differential Sensing Circuit, Platform Level Circuit	1
36	27801GT	VALVE,PROPORTIONAL SOLENOID*** R, Turntable Left/Right	1
37	65766GT	VALVE,SOLENOID,10V W/DIODE*** U, Platform Level Down; includes items 19 and 20; from SN 7501	1
37-	48642GT	VALVE-SOLENOID, 2POS,3WAY,10V U, Platform Level Down; includes items 19 and 20; to SN 7500	1
38	27807GT	VALVE,CHECK*** Y, Differential Sensing Circuit, Platform Rotate Circuit	1
39	27807GT	VALVE,CHECK*** Z, Differential Sensing Circuit, Platform Rotate Circuit	1
40	65766GT	VALVE,SOLENOID,10V W/DIODE*** BB, Platform Rotate Left; from SN 7501	1
40-	48642GT	VALVE-SOLENOID, 2POS,3WAY,10V BB, Platform Rotate Left; to SN 7500	
41	65766GT	VALVE,SOLENOID,10V W/DIODE*** CC, Platform Rotate Right; from SN 7501	1
41-	48642GT	VALVE-SOLENOID, 2POS,3WAY,10V CC, Platform Rotate Right; to SN 7500	
42	31100GT	VALVE,FLOW REGULATOR 0.6GPM DD, Platform Rotate Circuit	
43	48647GT	VALVE,COUNTERBALANCE,3500 PSI* FF, Platform Level Down	

506.1 Function Manifold, S-60



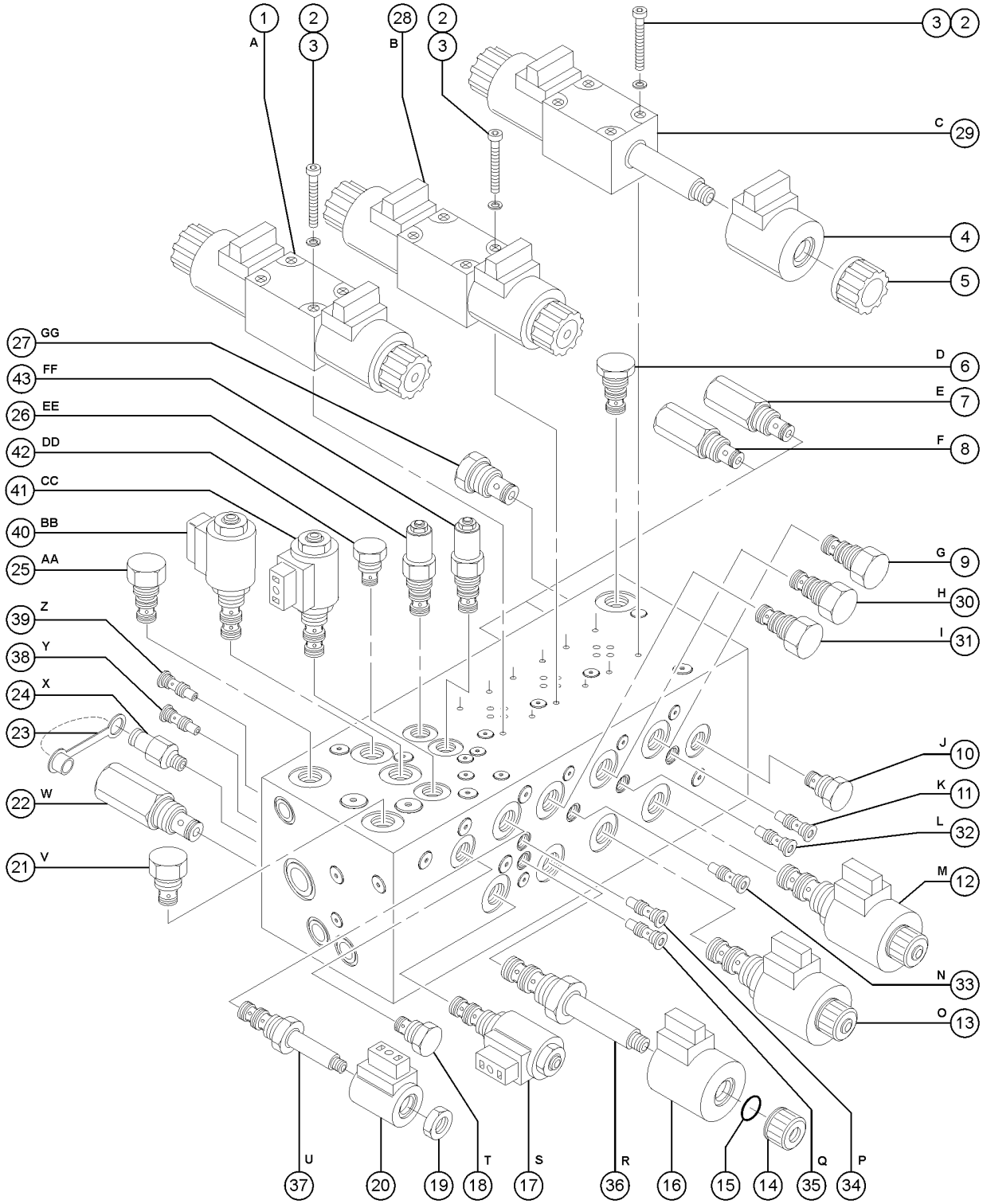
Item	*Part No.*	*Description*	*Qty.*
43A	58994GT	SEAL KIT,VALVE (48647) ..... for 48647	

506.2 Function Manifold, S-65



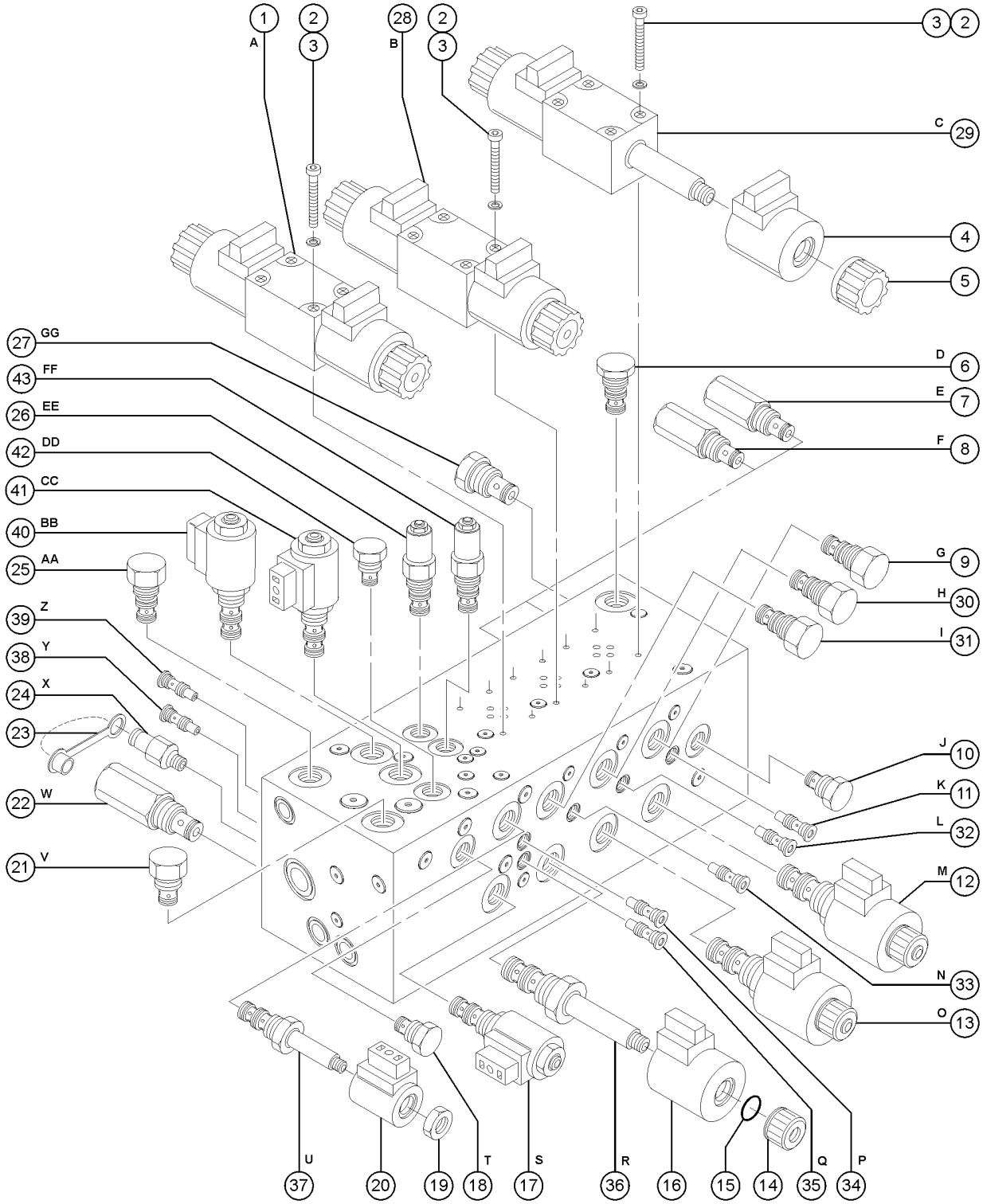
Item	Part No.	Description	Qty.
	146172GT	MANIFOLD,FUNCTION Complete to SN 7500; replaced 46938	
	146173GT	MANIFOLD,MULTI-FUNCTION,S60 Complete from SN 7501; replaced 81026	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	146165GT	VALVE KIT,D03 A, Turntable rotate; includes 2 each items 4 and 5, seal kit is 65879	1
2	43255GT	SCREW,SHC,10-24 X 2	12
3	6607GT	WASHER,LOCK,#10 PLTD	12
4	223763GT	COIL WITH DE CONNECTOR	6
4-	48648GT	O-RING, D03 COIL	6
5	48649GT	NUT-D03 COIL	6
6	33511GT	VALVE,CHECK,PILOT OPERATED D, Boom Extend/Retract Circuit	1
7	48640GT	VALVE,RELIEF,2500 PSI E, Boom Extend	1
8	48415GT	VALVE,RELIEF F, Boom Down	1
9	27802GT	VALVE,DIFFERENTIAL SENSING*** G, Boom Extend	1
10	32975GT	VALVE,FLOW REGULATOR 0.1 GPM J, Bleeds off Differential Sensing Valve to tank	1
11	27807GT	VALVE,CHECK*** K, Differential Sensing Circuit, Boom Extend/Retract	1
12	48641GT	VALVE,PROPORTIONAL, 12V ** M, Boom extend/retract; includes 1 each of Index No's. 14 through 16	1
13	27801GT	VALVE,PROPORTIONAL SOLENOID*** O, Boom up/down; includes 1 each of Index No's. 14 through 16	1
14	45921GT	RETAINER-N.C.PROPOR.SOLENOID	3
15	45914GT	O-RING, DO1 VALVE	3
16	21935GT	COIL, 12V, 19972/21623/29069	3
17	65766GT	VALVE,SOLENOID,10V W/DIODE*** S, Platform level up; includes Index No's. 19 and 20; from SN 7501	1
17-	48642GT	VALVE-SOLENOID, 2POS,3WAY,10V S, Platform level up; includes Index No's. 19 and 20; to SN 7500	
18	31100GT	VALVE,FLOW REGULATOR 0.6GPM T, Platform Level Circuit	2
19	45912GT	NUT,SOLENOID VALVE 2P3W	4
20	27814GT	COIL,SOLENOID,10V to SN 7500	4
20-	81043GT	COIL,SOLENOID,8 DSD 10V,W/DIO* from SN 7501	

506.2 Function Manifold, S-65



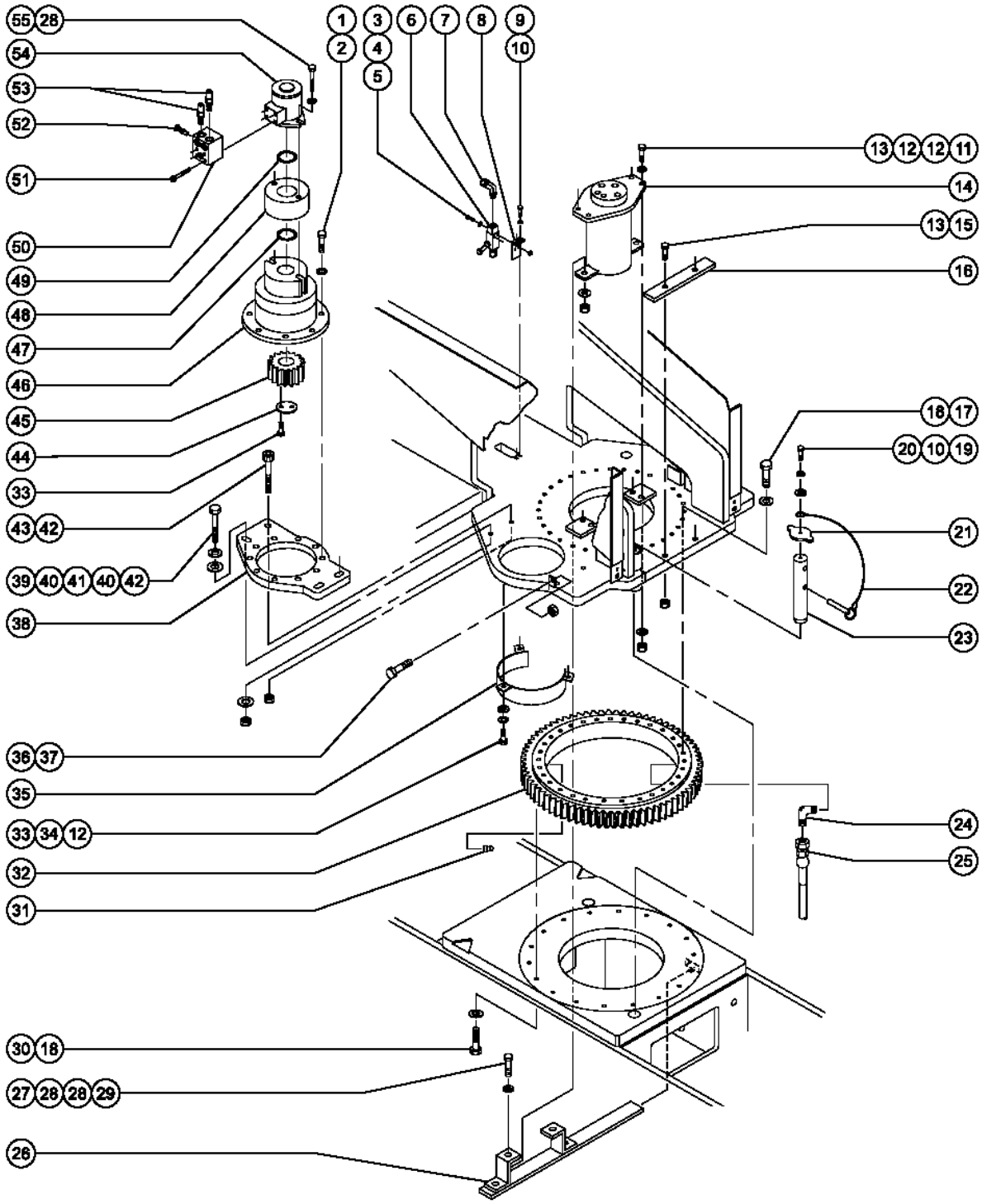
Item	Part No.	Description	Qty.
21	27804GT	VALVE,DIFFERENTIAL SENSING*** V, Meters Flow to Functions	1
22	35000GT	VALVE,RELIEF 2900 PSI*** W, System Relief; S-65 models	1
23	48880GT	CAP,DIAGNOSTIC NIPPLE	1
24	48997GT	NIPPLE,DIAGNOSTIC,#4 X, Testing	1
24-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
25	34542GT	VALVE,FLOW REGULATOR 5.0 GPM AA, steer circuit; oscillate models	1
25-	111705GT	VALVE,FLOW REGULATOR 3.5 GPM** AA, steer circuit; non-oscillate models	1
26	48647GT	VALVE,COUNTERBALANCE,3500 PSI* EE, Platform Level Up	1
27	32725GT	VALVE,CHECK (30797) GG, Boom Extend/Retract Circuit	1
28	146165GT	VALVE KIT,D03 B, Boom Up/Down; includes 2 each items 4 and 5	1
29	146165GT	VALVE KIT,D03 C, Boom Extend/Retract; includes 2 each items 4 and 5	1
30	27802GT	VALVE,DIFFERENTIAL SENSING*** H, Boom Up	1
31	27802GT	VALVE,DIFFERENTIAL SENSING*** I, Turntable Rotate Left/Right	1
32	27807GT	VALVE,CHECK*** L, Differential Sensing Circuit, Boom Up/Down	1
33	27807GT	VALVE,CHECK*** N, Differential Sensing Circuit, Turntable Left/Right	1
34	27807GT	VALVE,CHECK*** P, Differential Sensing Circuit, Platform Level Circuit	1
35	27807GT	VALVE,CHECK*** Q, Differential Sensing Circuit, Platform Level Circuit	1
36	27801GT	VALVE,PROPORTIONAL SOLENOID*** R, Turntable Left/Right	1
37	65766GT	VALVE,SOLENOID,10V W/DIODE*** U, Platform Level Down; includes items 19 and 20; from SN 7501	1
37-	48642GT	VALVE-SOLENOID, 2POS,3WAY,10V U, Platform Level Down; includes items 19 and 20; to SN 7500	1
38	27807GT	VALVE,CHECK*** Y, Differential Sensing Circuit, Platform Rotate Circuit	1
39	27807GT	VALVE,CHECK*** Z, Differential Sensing Circuit, Platform Rotate Circuit	1
40	65766GT	VALVE,SOLENOID,10V W/DIODE*** BB, Platform Rotate Left; from SN 7501	1
40-	48642GT	VALVE-SOLENOID, 2POS,3WAY,10V BB, Platform Rotate Left; to SN 7500	
41	65766GT	VALVE,SOLENOID,10V W/DIODE*** CC, Platform Rotate Right; from SN 7501	1
41-	48642GT	VALVE-SOLENOID, 2POS,3WAY,10V CC, Platform Rotate Right; to SN 7500	
42	31100GT	VALVE,FLOW REGULATOR 0.6GPM DD, Platform Rotate Circuit	1
43	48647GT	VALVE,COUNTERBALANCE,3500 PSI* FF, Platform Level Down	1

506.2 Function Manifold, S-65



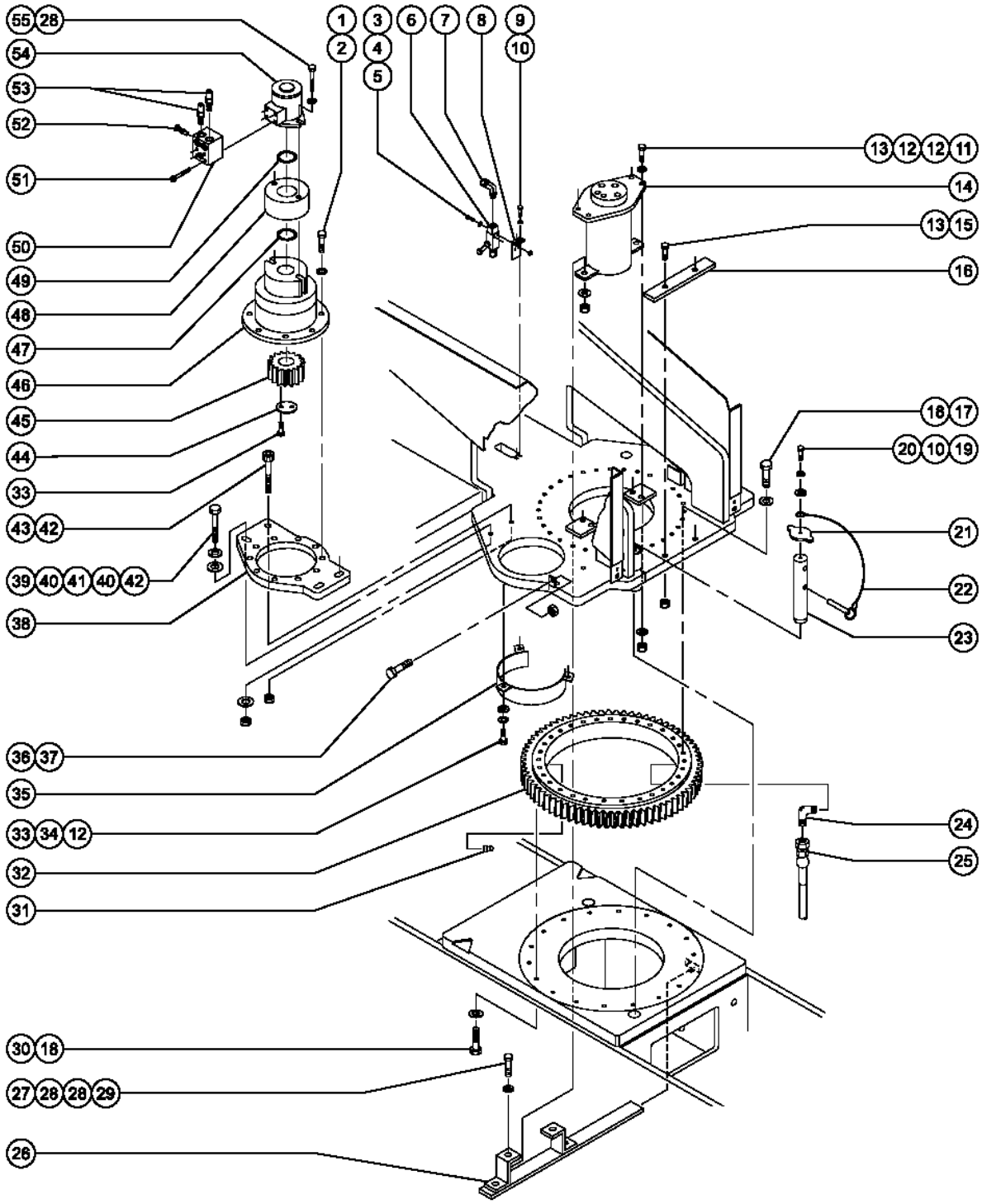
Item	*Part No.*	*Description*	*Qty.*
43A	58994GT	SEAL KIT,VALVE (48647) ..... for 48647	

507.1 Turntable Rotator and Hydraulic Rotary Coupler Installation



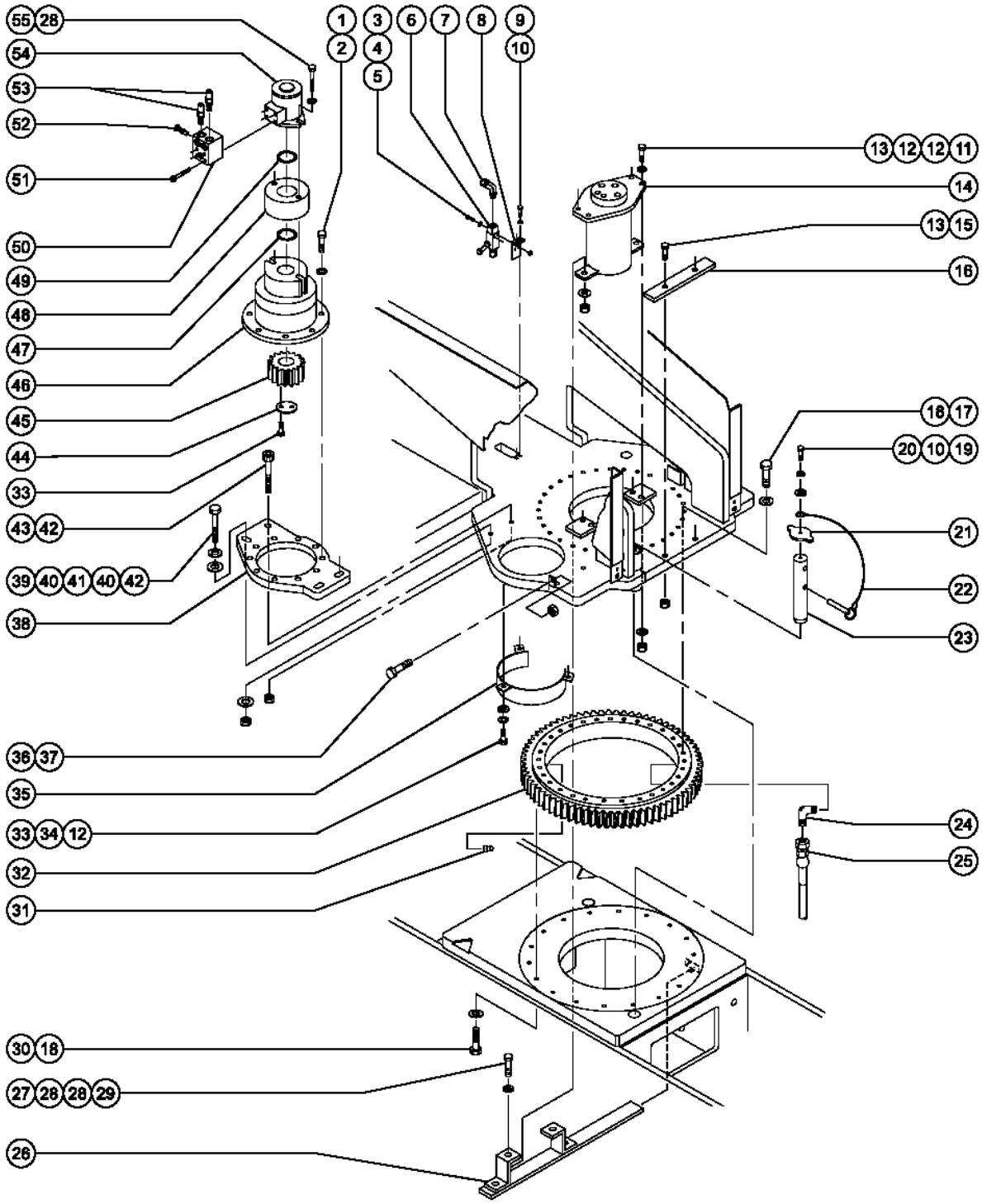
Item	Part No.	Description	Qty.
A			
1	22788GT	SCREW,HHC,1/2-13 X 1.75	10
2	6033GT	WASHER,LOCK,0.5"	10
3	22541GT	SCREW,RHM,10-32 X 1.5	2
4	6146GT	WASHER,FLAT,MS,#10,Y	2
5	6178GT	NUT, NYLOCK, 10-32	2
6	34961GT	SWITCH,LIMIT,W/ROLLER ARM	1
7	29382GT	CONN. SQZ,1/2NPT .38-.50,90DEG	1
8	53632P-SGT	BRKT,LIM SW,DRIVE ENBL,PAINTED to SN 4456	1
9	6090GT	SCREW, HHC, 1/4-20 X .75	2
10	6356GT	WASHER,LOCK,.25	2
11	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	4
12	5397GT	WASHER,FLAT,USS,5/16",Y	11
13	4828GT	NUT,NYLOCK,3/8-16	6
14A	48541GT	HYD.SWIV.,9PORT S60,Z60 to SN 7764	1
14B-	49528GT	SEAL KIT,SWIVEL (48541) for 48541	
14C-	1293482GT	SWIVEL,HYDRAULIC,9PORT,LDI from SN 7765	
14C-	1293486GT	SEAL KIT,SWIVEL,HYD (1293482) for 1293482	
14D-	75466GT	SEAL KIT,SWIVEL (73895) for 73895	
14E-	T106954GT	SEAL, O-RING LIP use with swivel 48541	
14F-	T106955GT	SEAL, POLY, CHAMFER use with swivel 48541	
14G-	T106956GT	SEAL,O-RING,SQUARE use with swivel 48541	
14H-	T106958GT	SEAL, CAP use with swivel 48541	
14I-	T106959GT	SEAL, CROWN, 2 PART use with swivel 48541	
14J-	T106960GT	SEAL, CAP use with swivel 48541	
15	17712GT	SCREW,FHS,3/8-16 X 1.75	2
16	41549GT	PAD,BOOM REST	1
17	45495GT	SCREW,SHC,5/8-11 X 3.00,A574	30

507.1 Turntable Rotator and Hydraulic Rotary Coupler Installation



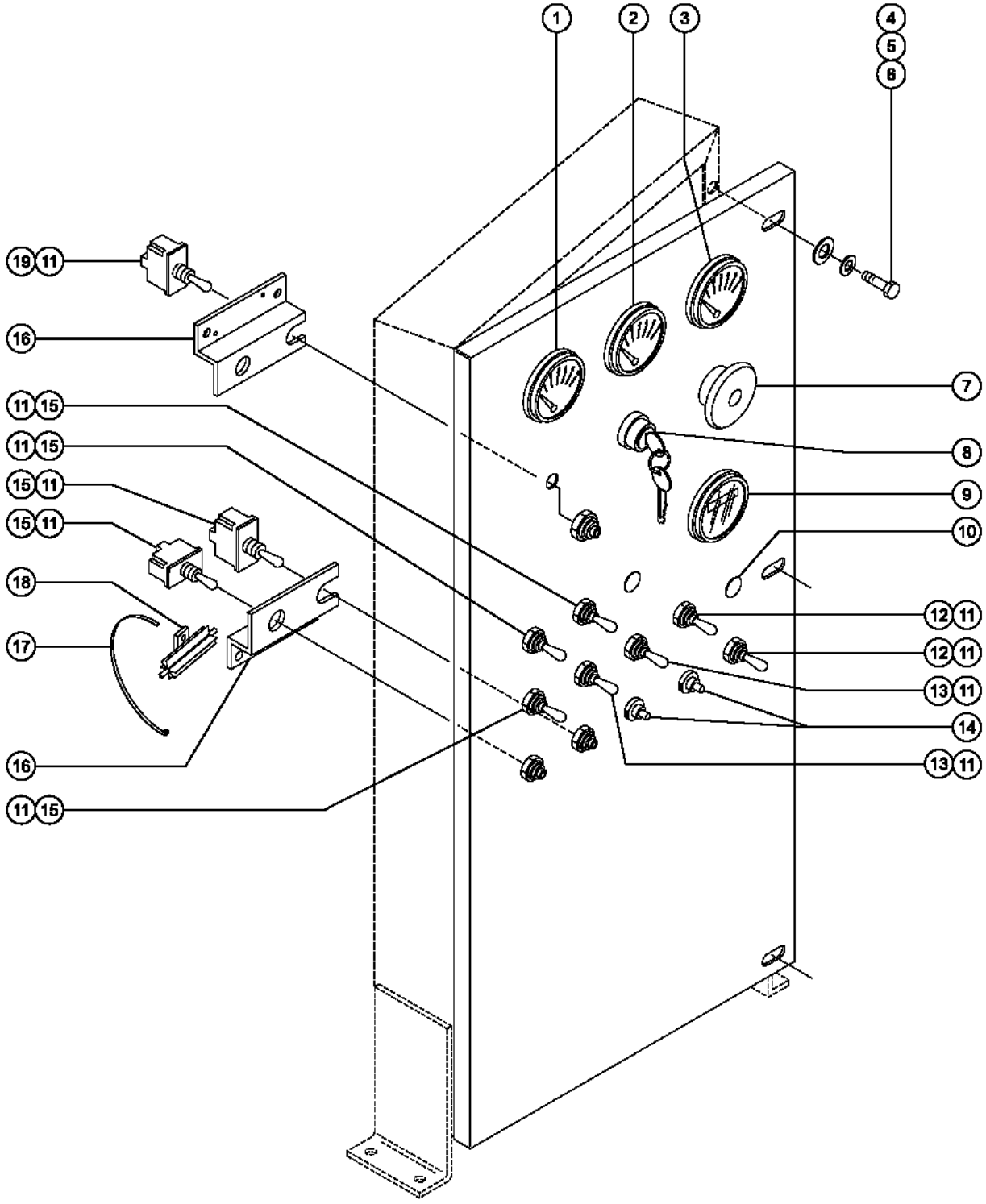
Item	Part No.	Description	Qty.
18	13064GT	WASHER,FLAT,.625 HARDENED	48
19	7339GT	SCREW,HHC,1/4-20 X .5 to SN 7168	1
19-	6090GT	SCREW, HHC, 1/4-20 X .75 from SN 7169	1
20	6638GT	WASHER, FLAT, USS, 1/4"Y	1
21	73835GT	PLATE,PIN RETAINER from SN 7169	1
22	11637GT	PIN ASSY, RETAINER, SS I & II	1
23	33471GT	PIN ASSEMBLY,TURNTABLE ROTAT. includes one each of index number 10 and index numbers 19, 20, and 22; to SN 7168	1
23-	73836GT	PIN,ROTATION STOP from SN 7169	1
24	48904GT	ELBOW, 90D, 520220-4	1
25	49189-2988GT	HOSE ASSEMBLY,1/4"	1
26	49458-SGT	WLDMT.HYD.,SWIVEL MNT.,S60,S80	1
27	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
28	13066GT	WASHER,FLAT,.5 HARDENED	6
29	6198GT	NUT, NYLOCK, 1/2-13	2
30	20654GT	SCREW,SHC,5/8-11 X 3.50,A574	18
31	28646GT	ZERK,GREASE,1/8 NPT	1
32	30895GT	BEARING,TURNTABLE	1
33	6175GT	SCREW,HHC,3/8-16 X 1	5
34	6021GT	WASHER,LOCK,.375	3
35	73862PGT	FORMING,PINION GUARD,PAINTED	1
36	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	1
37	6034GT	NUT,HEX,JAM,1/2-13	1
38	34762-SGT	BACKLASH ADJUSTMENT PLATE S60	1
39	34347GT	SCREW,HHC,3/4-10 X 4.5	3
40	33278GT	WASHER,FLAT,.75 HARDENED	3
41	10256GT	WASHER,FLAT,USS,3/4",Y	6
42	77051GT	NUT,NYLOCK,3/4-10,GRD.8	4
43	34710GT	SCREW,SHS,5/8-11 X 3	1

507.1 Turntable Rotator and Hydraulic Rotary Coupler Installation



Item	Part No.	Description	Qty.
44	34766GT	RETAINER PLATE,PINION GEAR***	1
45	34606GT	PINION GEAR (SET)	1
46	34761GT	TORQUE HUB,36:1***	1
46-	29290GT	SEAL KIT,FAIRFIELD (S1A2)***	1
47	52087GT	O-RING,2-044 BUNA***	1
48	73919GT	BRAKE,1200 INLB*** includes Index No's. 47 and 49	1
48-	29291GT	SEAL KIT,MICO	1
48-	41918GT	LINING KIT,MICO BRAKE	1
48-	29293GT	BEARING KIT,MICO	1
49	22811GT	O-RING,MOTOR TO BRAKE*** measures approx 4" x 0.10"	1
50	81366GT	MANIFOLD,SWING CB & BRAKE includes Index No's. 52 and 53	1
50-	31519GT	O-RING (2-114) for 53995 manifold	1
50-	111363GT	O-RING,DISCONNECT ROD (111060) for 81366 manifold	
51	37218GT	SCREW,HHC,5/16-18 X 3.00	4
52	45483GT	VALVE,SHUTTLE*** for 81366 manifold	1
53	83009GT	VALVE,COUNTERBALANCE(81366)*** for 81366 manifold	
53B	40983GT	VALVE,COUNTERBALANCE,1500 PSI for 53995 manifold	
54	53999GT	MOTOR,TURNTABLE ROTATE**	1
54-	65616GT	SEAL KIT PWR WHL MOTOR	1
54-	32952GT	MOTOR,TURNTABLE ROT.(34114)*** (motor with case drain on top)	1
54-	33445GT	SEAL KIT,DRIVE MOTOR (32952) (use for motor 32952)	1
55	13854GT	SCREW,HHC,1/2-13 X 4.5,GRD.8	2

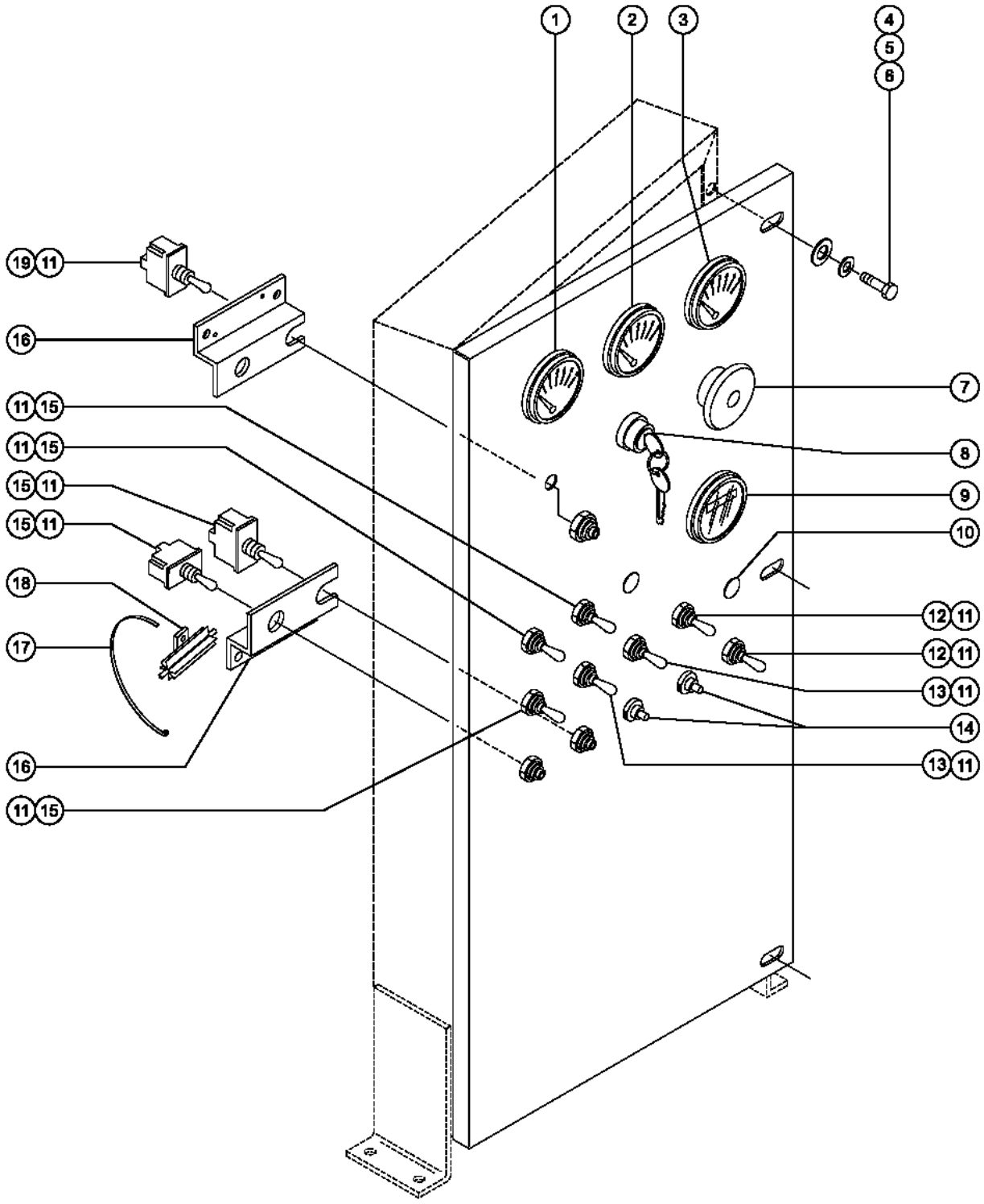
508.1 Ground Controls - View 1



508.1 Ground Controls - View 1

Item	Part No.	Description	Qty.
1	53759-SGT	GAUGE,WATER TEMP includes mounting bracket and fasteners; Gasoline/LPG models	1
1-	53760-SGT	GAUGE,OIL TEMP includes mounting bracket fasteners; Diesel models	1
2	53758-SGT	GAUGE,OIL PRESSURE W/O SENDER includes mounting bracket and fasteners	1
3	53761-SGT	GAUGE,VOLTAGE includes mounting bracket and fasteners	1
4	6090GT	SCREW, HHC, 1/4-20 X .75	3
5	6356GT	WASHER,LOCK,.25	3
6	6638GT	WASHER, FLAT, USS, 1/4"Y	3
7	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
7-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
7-	66821GT	BASE,WITHOUT CONTACTS	1
7-	66818GT	CONTACT,NC	2
8	122512GT	KIT,KEYSWITCH SVC BB & SM BOOM	1
8-	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** includes keyswitch and two keys, not included: base or contacts.	1
8-	21982GT	KEY,SINGLE***	1
8-	37947GT	KEYS,10 PACK***	1
8-	66821GT	BASE,WITHOUT CONTACTS	1
8-	66816GT	CONTACT,N.O.***	2
9	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
10	45384GT	PLUG,NYLON .50 BLACK DOMED	2
10B	824879GT	LIGHT,LED IND. RED 12V NH Gasoline/LPG models	1
10C	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* Deutz Diesel, Glow Plug Option	1
11	27246GT	BOOT,TOGGLE SWITCH,SHORT*	9
12	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* includes mounting fasteners	3
13	56457-SGT	SWITCH,TOGGLE,SPDT,2 POS MAINT includes mounting fasteners; Gasoline/LPG models	2
13-	45384GT	PLUG,NYLON .50 BLACK DOMED Diesel models	2
14	147094GT	ASSY, CIRCUIT BREAKER 15A includes mounting fasteners	2
15	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN includes mounting fasteners	5
16	53820GT	BRACKET, PANEL WIRE MOUNTING	2

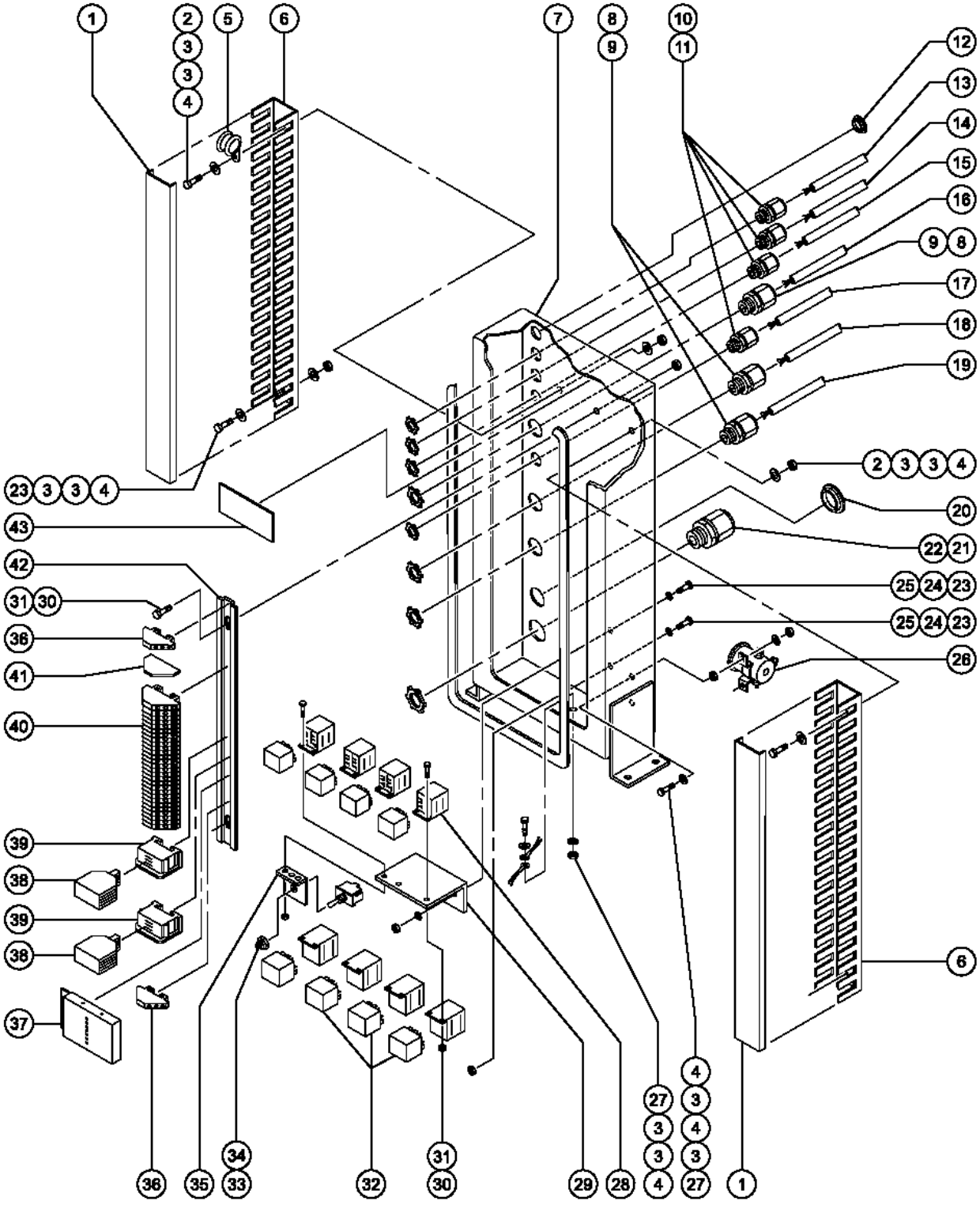
508.1 Ground Controls - View 1



508.1 Ground Controls - View 1

Item	*Part No.*	*Description*	*Qty.*
17	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	2
18	27287GT	RESISTOR,10 OHM,25 WATT	1
19	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN includes mounting fasteners	1
19-	13471GT	COVER, AUXILIARY POWER SWITCH	1

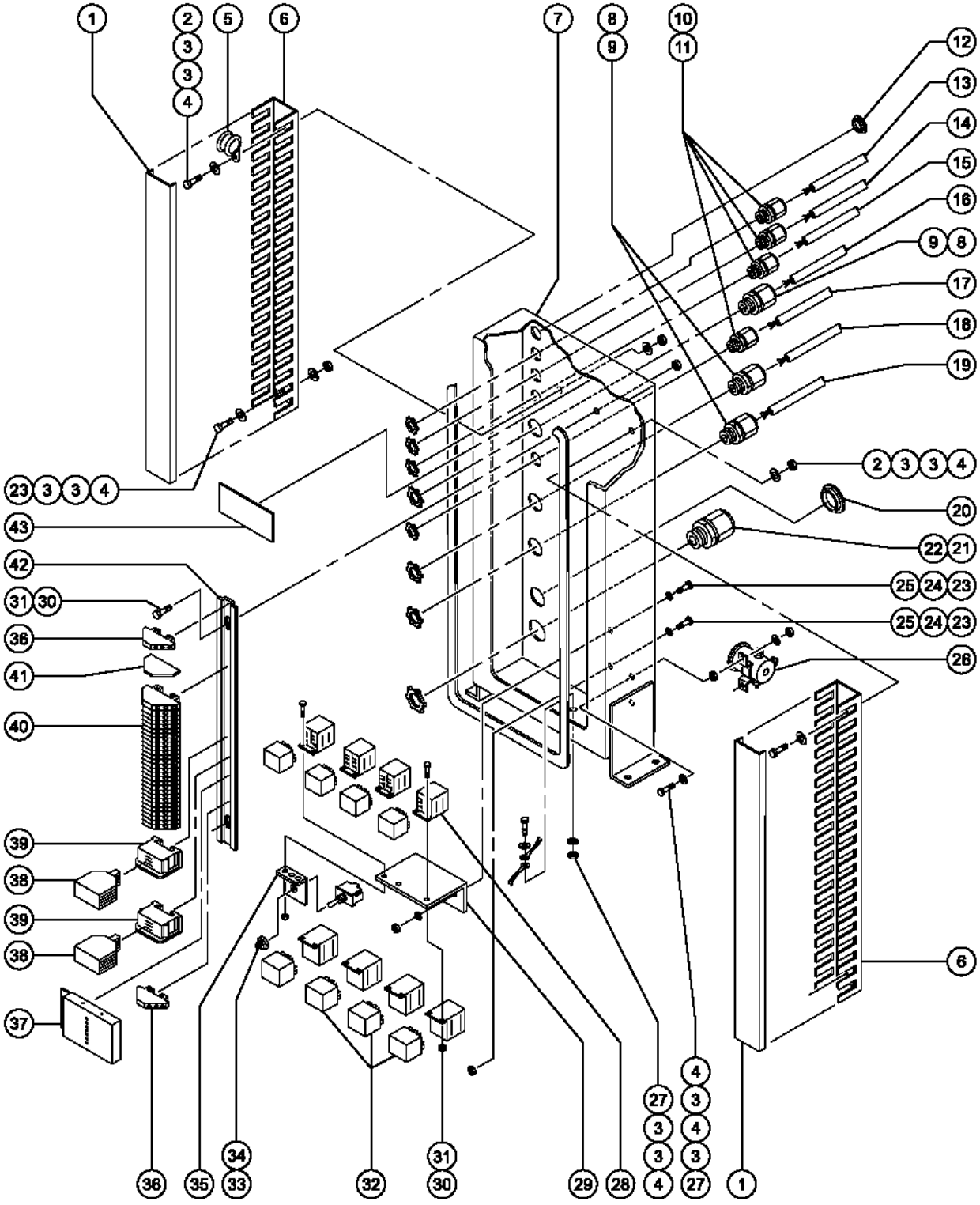
509.1 Ground Controls - View 2 (to SN 7837), S-60



509.1 Ground Controls - View 2 (to SN 7837), S-60

Item	Part No.	Description	Qty.
	74644GT	TOOL,WAGO TERM RELEASE,1-WAY	1
1	1262218GT	COVER, DUCT, WIRING replaced 28299	2
2	6888GT	SCREW,HHC,1/4-20 X 1	2
3	6638GT	WASHER, FLAT, USS, 1/4"Y	19
4	6091GT	NUT, NYLOCK, 1/4-20	11
5	13268GT	CLAMP, 0.75, #12 X 1/4, RUB CUSH	1
6	28298GT	WIRING DUCT, 1.5 X 1.5	2
7	35811GT	CONTROL BOX W/LID&DECAL,GRND	1
7-	121599GT	GASKET,GBOX,S80/85 2008 replaced 30782	1
8	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	3
9	14041GT	LOCKNUT,ELECTRIC,3/4"	3
10	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	4
11	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	4
12	15243GT	PLUG,NYLON .875 BLACK DOMED	1
13	43960GT	WIRE CABLE,16/4 CON.TPE JKT	240
14	43960GT	WIRE CABLE,16/4 CON.TPE JKT	226
15	43960GT	WIRE CABLE,16/4 CON.TPE JKT	120
16	48533GT	WIRE CABLE,18GA/19 CON.BNDREX S-60	984
17	43955GT	WIRE CABLE,12/3 CON.TPE JKT S-60 (black, white, brown)	984
18	48533GT	WIRE CABLE,18GA/19 CON.BNDREX S-60	984
19	35934GT	WIRE CABLE,18/19 CON.TPRJKT	60
20	45385GT	PLUG,NYLON 1.12 BLACK DOMED	1
21	20776GT	CABLE SQUEEZE CONN.	1
22	18665GT	LOCKNUT,ELECTRIC,1" NPT	1
23	8914GT	SCREW,HHC,1/4-20 X .625	4
24	6356GT	WASHER,LOCK,.25	7
25	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	2
26	53967GT	SOLENOID,12V CONTINOUS	1

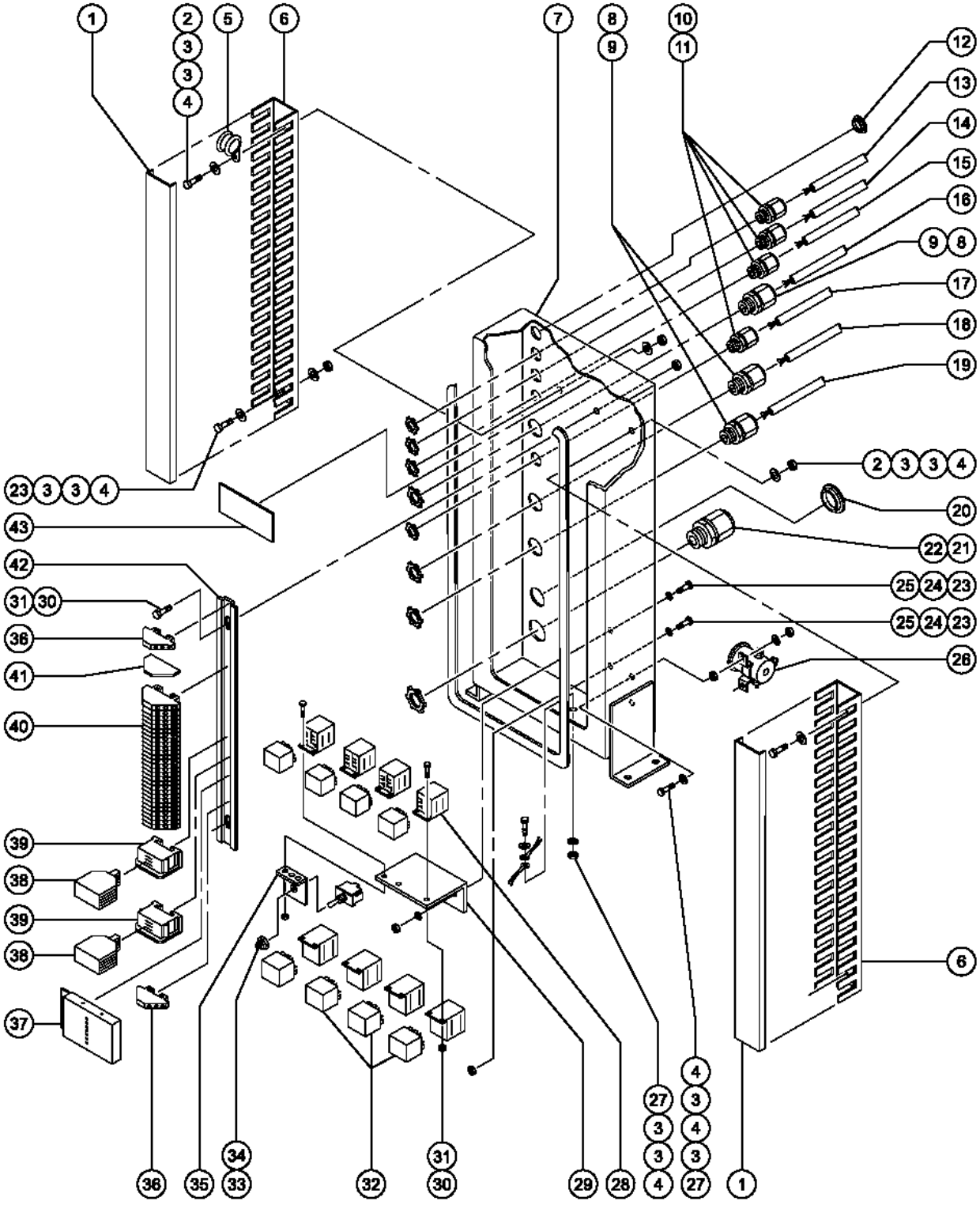
509.1 Ground Controls - View 2 (to SN 7837), S-60



509.1 Ground Controls - View 2 (to SN 7837), S-60

Item	Part No.	Description	Qty.
27	6090GT	SCREW, HHC, 1/4-20 X .75	3
28	34053GT	ASSY,RELAY SOCKET, AUTO Gasoline/LPG models	6
28-	34053GT	ASSY,RELAY SOCKET, AUTO Diesel models	6
28-	34054GT	TERM,RELAY N-INSULATED 10-12 G	6
28-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	6
28-	34056GT	TERM,RELAY,N-INSULATE 18-20 GA	6
29	52945-SGT	RELAY MOUNT ASSY	1
30	6178GT	NUT, NYLOCK, 10-32	4
31	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	5
32	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Gasoline/LPG models	6
32	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Diesel models	6
33	27246GT	BOOT,TOGGLE SWITCH,SHORT* Gasoline/LPG models	1
34	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN Gasoline/LPG models	1
34-	54692GT	SPACER,NYLON,.718 X .526 X.219	1
35	49743GT	BRACKET,TOGGLE SWITCH Gasoline/LPG models	1
36	25974GT	PLASTIC END STOP	2
37	56057GT	MODULE,IGNITION/START,12/24V to SN 7129	2
37	56057GT	MODULE,IGNITION/START,12/24V from SN 7130	1
38	25807GT	DIODE BLOCK SUPPRESSION from SN 7502	1
38-	25807GT	DIODE BLOCK SUPPRESSION to SN 7501	2
39	25808GT	CARRIER TERMINAL(5 PER BLOCK) from SN 7502	1
39-	25808GT	CARRIER TERMINAL(5 PER BLOCK) to SN 7501	2
40	25836GT	TERMINAL BLOCK(SINGLE),WAGO***	44
40-	32638GT	TERMINAL BLOCK,WAGO	2
41	25837GT	TERMINAL STRIP END PLATE	1
42	28310GT	DIN RAIL,23.75"	1
43	30997GT	CORROSION INHIBITOR,FOAM	1

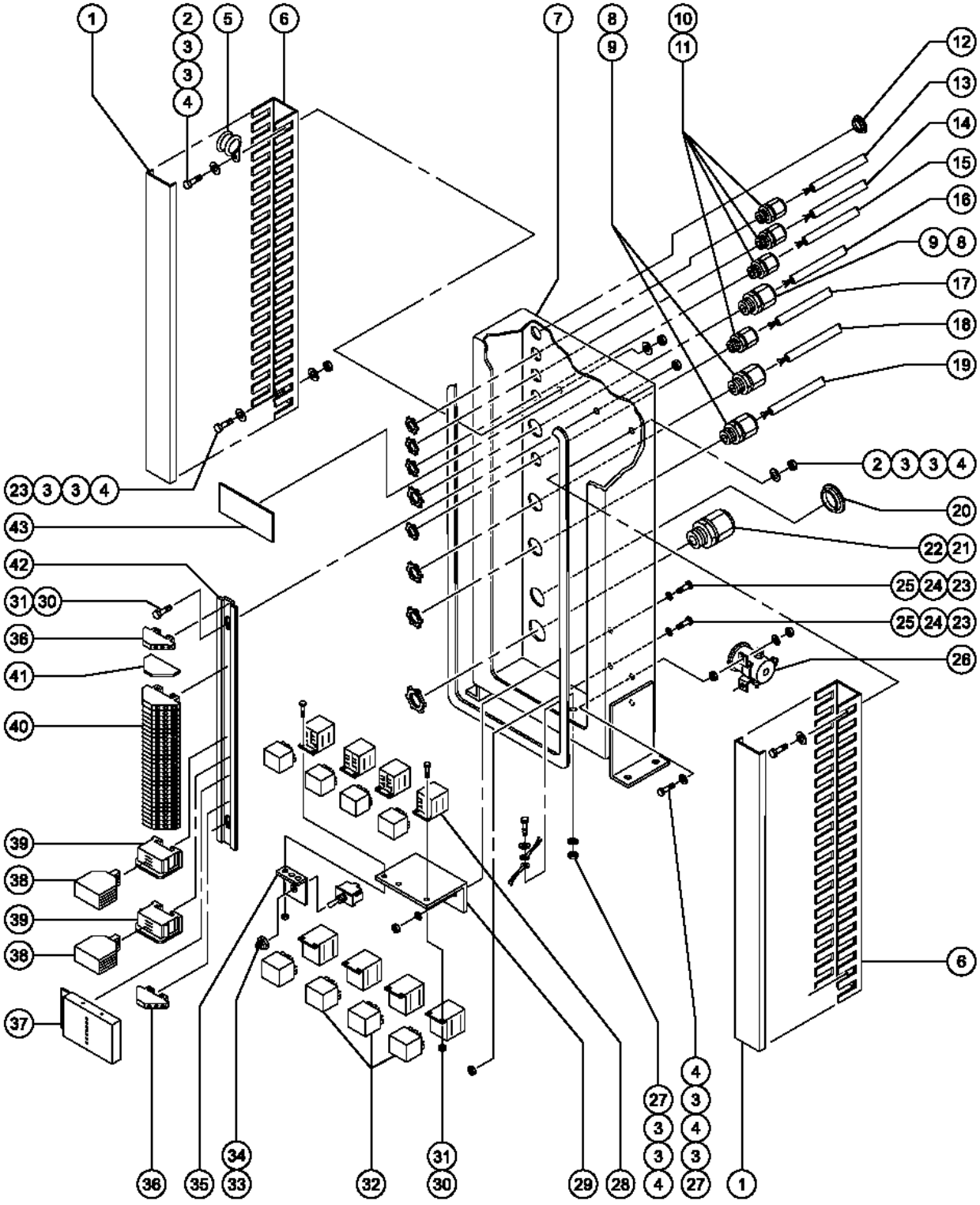
509.2 Ground Controls - View 2 (to SN 7837), S-65



509.2 Ground Controls - View 2 (to SN 7837), S-65

Item	Part No.	Description	Qty.
	74644GT	TOOL,WAGO TERM RELEASE,1-WAY	1
1	1262218GT	COVER, DUCT, WIRING replaced 28299	2
2	6888GT	SCREW,HHC,1/4-20 X 1	2
3	6638GT	WASHER, FLAT, USS, 1/4"Y	19
4	6091GT	NUT, NYLOCK, 1/4-20	11
5	13268GT	CLAMP, 0.75, #12 X 1/4, RUB CUSH	1
6	28298GT	WIRING DUCT, 1.5 X 1.5	2
7	35811GT	CONTROL BOX W/LID&DECAL,GRND	1
7-	121599GT	GASKET,GBOX,S80/85 2008 replaced 30782	1
8	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	3
9	14041GT	LOCKNUT,ELECTRIC,3/4"	3
10	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	4
11	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	4
12	15243GT	PLUG,NYLON .875 BLACK DOMED	1
13	43960GT	WIRE CABLE,16/4 CON.TPE JKT	240
14	43960GT	WIRE CABLE,16/4 CON.TPE JKT	226
15	43960GT	WIRE CABLE,16/4 CON.TPE JKT	120
16	48533GT	WIRE CABLE,18GA/19 CON.BNDREX S-65	10 44
17	43955GT	WIRE CABLE,12/3 CON.TPE JKT S-65 (black, white, brown)	10 44
18	48533GT	WIRE CABLE,18GA/19 CON.BNDREX S-65	10 44
19	35934GT	WIRE CABLE,18/19 CON.TPRJKT	60
20	45385GT	PLUG,NYLON 1.12 BLACK DOMED	1
21	20776GT	CABLE SQUEEZE CONN.	1
22	18665GT	LOCKNUT,ELECTRIC,1" NPT	1
23	8914GT	SCREW,HHC,1/4-20 X .625	4
24	6356GT	WASHER,LOCK,.25	7
25	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	2
26	53967GT	SOLENOID,12V CONTINOUS	1

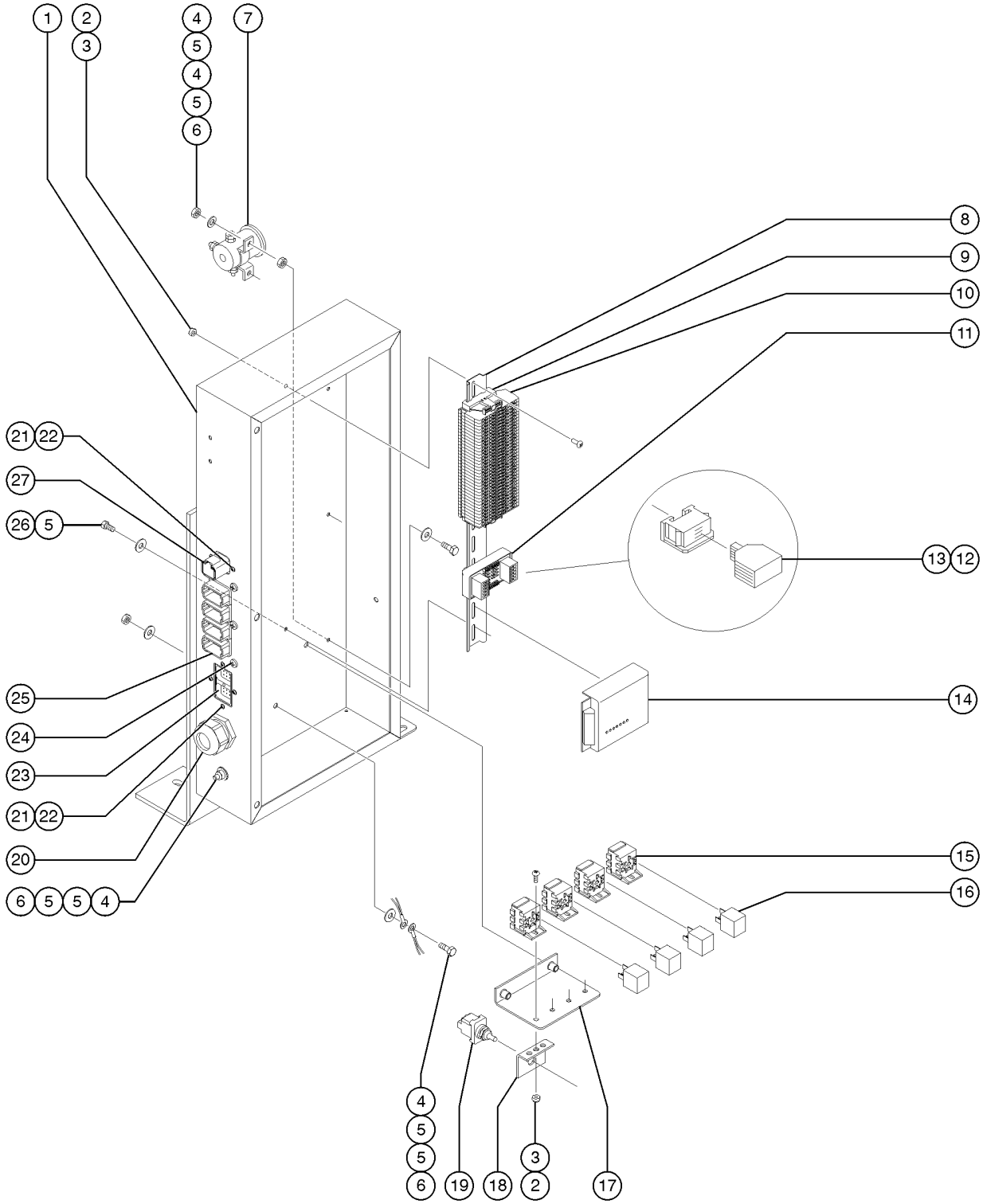
509.2 Ground Controls - View 2 (to SN 7837), S-65



509.2 Ground Controls - View 2 (to SN 7837), S-65

Item	Part No.	Description	Qty.
27	6090GT	SCREW, HHC, 1/4-20 X .75	3
28	34053GT	ASSY,RELAY SOCKET, AUTO Gasoline/LPG models	6
28-	34053GT	ASSY,RELAY SOCKET, AUTO Diesel models	6
28-	34054GT	TERM,RELAY N-INSULATED 10-12 G	6
28-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	6
28-	34056GT	TERM,RELAY,N-INSULATE 18-20 GA	6
29	52945-SGT	RELAY MOUNT ASSY	1
30	6178GT	NUT, NYLOCK, 10-32	
31	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
32	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Gasoline/LPG models	6
32-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Diesel models	6
33	27246GT	BOOT,TOGGLE SWITCH,SHORT* Gasoline/LPG models	1
34	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN Gasoline/LPG models	1
34-	54692GT	SPACER,NYLON,.718 X .526 X.219	1
35	49743GT	BRACKET,TOGGLE SWITCH Gasoline/LPG models	1
36	25974GT	PLASTIC END STOP	2
37	56057GT	MODULE,IGNITION/START,12/24V to SN 7129	2
37-	56057GT	MODULE,IGNITION/START,12/24V from SN 7130	1
38	25807GT	DIODE BLOCK SUPPRESSION from SN 7502	1
38-	25807GT	DIODE BLOCK SUPPRESSION to SN 7501	2
39	25808GT	CARRIER TERMINAL(5 PER BLOCK) from SN 7502	1
39-	25808GT	CARRIER TERMINAL(5 PER BLOCK) to SN 7501	2
40	25836GT	TERMINAL BLOCK(SINGLE),WAGO***	44
40-	32638GT	TERMINAL BLOCK,WAGO	2
41	25837GT	TERMINAL STRIP END PLATE	1
42	28310GT	DIN RAIL,23.75"	1
43	30997GT	CORROSION INHIBITOR,FOAM	1

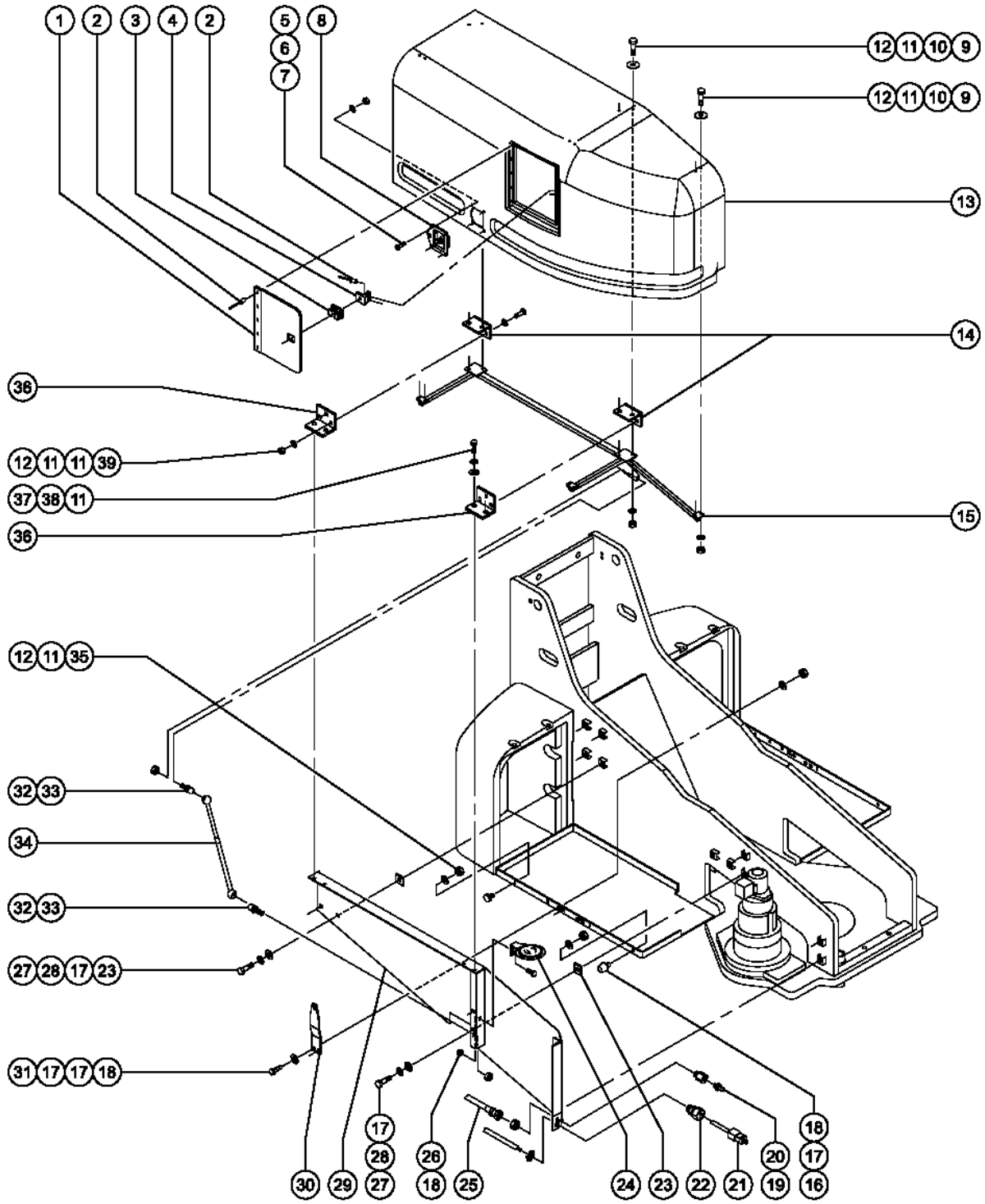
509.2 Ground Controls - View 2 (from SN 7838)



509.2 Ground Controls - View 2 (from SN 7838)

Item	Part No.	Description	Qty.
1	73937PGT	ASSEMBLY,GROUND CONTROL BOX,P6	1
1-	121599GT	GASKET,GBOX,S80/85 2008 replaced 30782	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 CONTINOUS	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 First time replacement: replace with items 12 and 13	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 Gasoline/LPG models; Includes boot and hardware	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

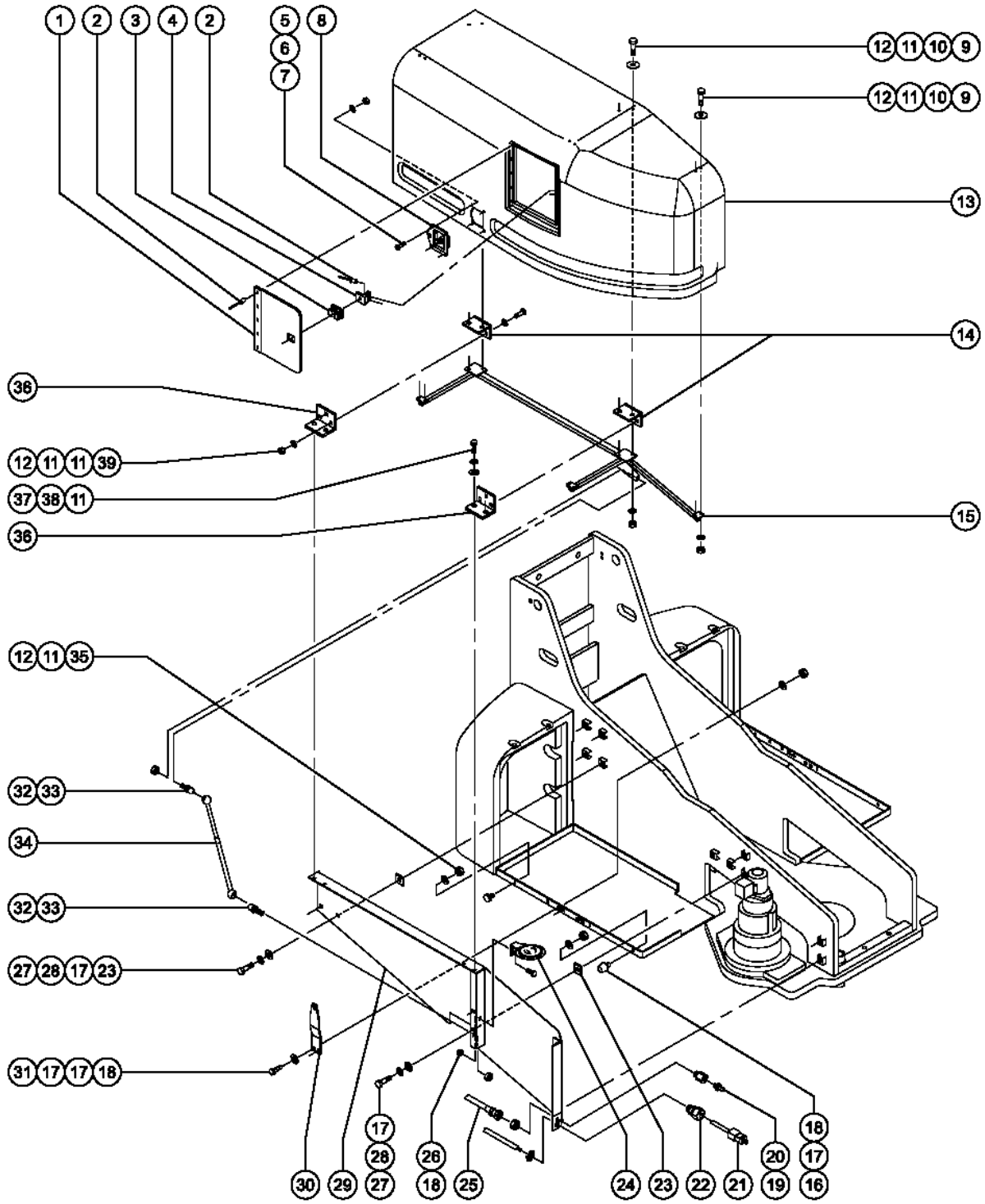
510.1 Turntable Covers - View 1, Tank Side



510.1 Turntable Covers - View 1, Tank Side

Item	Part No.	Description	Qty.
1A	46612GT	COV. ASSY GRND.CONT.S40/60/80	1
1B	52651GT	COVER-HINGED, GRND CNTRL includes Index No's. 2 and 3	1
2	7265GT	RIVET,STEEL,P, .25 X .375	7
3	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	1
4	49534GT	DOOR LATCH,BASE CONTROL BOX	1
5	6178GT	NUT, NYLOCK, 10-32	4
6	6146GT	WASHER,FLAT,MS,#10,Y	4
7	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	4
8A	28125GT	LATCH,FLUSH CUP*** folding T-handle	
8B	49536GT	LATCH,TURNTABLE FLUSH STYLE black oval - push	1
8C	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS* T-style	1
8-	29314GT	KEY,LATCH, 1 PAIR (28125)	
9	8915GT	SCREW,HHC,1/4-20 X 1.25	10
10	12906GT	WASHER,FENDER,.25 X 1.25 X.062	10
11	6638GT	WASHER, FLAT, USS, 1/4"Y	31
12	6091GT	NUT, NYLOCK, 1/4-20	17
13	52440GT	COVER ASSY W/DECALS,LH B/B SQ for units with steel tank, has square corners	
13C	65477GT	COVER ASSY W/DECALS,L.H. BB includes Index No's. 1 through 8	1
14	35949P-SGT	BRACKET,COVER HINGE,BLUE	2
15	30759GT	COVER SUPPORT WELDMENT LH.	1
15B	49532-SGT	COVER,SUPPORT WELDMENT,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
21-	144161GT	PLUG,POWER,UK,16AMP,3PIN	1

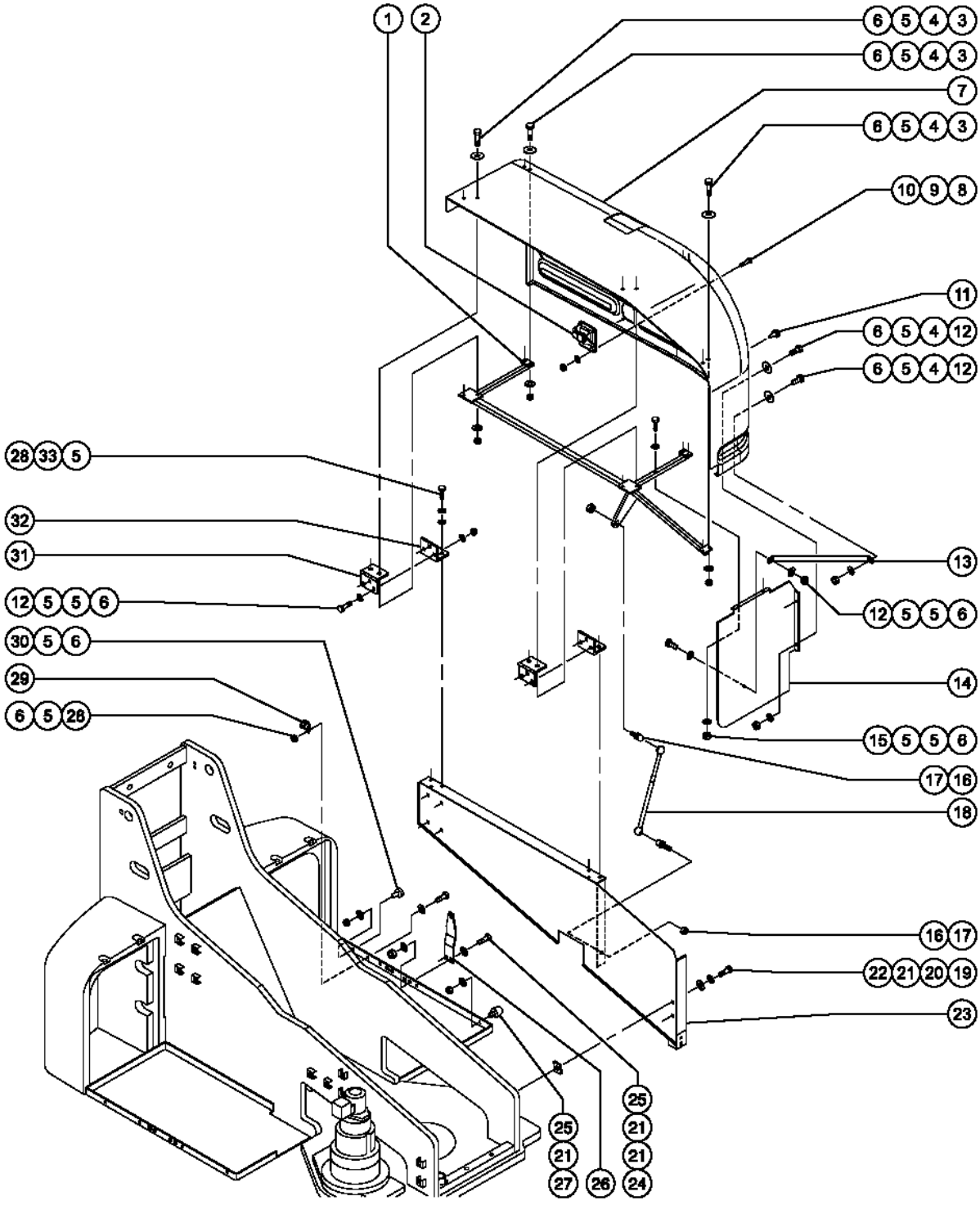
510.1 Turntable Covers - View 1, Tank Side



510.1 Turntable Covers - View 1, Tank Side

Item	Part No.	Description	Qty.
21-	1280665GT	PLUG, TYPE F, 230V, 50HZ, 16A, IP44	1
21-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	1
22	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,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 refer to section 513.1	1
26	10107GT	SCREW,HHC,5/16-18 X .75	1
27	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	6
28	6021GT	WASHER,LOCK,.375	8
29	30743-SGT	COVER SUPPORT WELDMENT LH.	1
30	49535P-SGT	PLATE,LATCH,BLUE,PAINTED	1
31	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
32	33555GT	BALL STUD**	2
33	6002GT	NUT, LP NYLOCK, 5/16-18	2
34	28301GT	GAS STRUT,250 LBS FORCE***	1
34-	27377GT	RETAINER,GAS SPRING***	1
35	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	1
36	75073GT	HINGE,.375X.120THK.,SLOTTED	2
37	6090GT	SCREW, HHC, 1/4-20 X .75	4
38	6356GT	WASHER,LOCK,.25	4
39	6888GT	SCREW,HHC,1/4-20 X 1	6

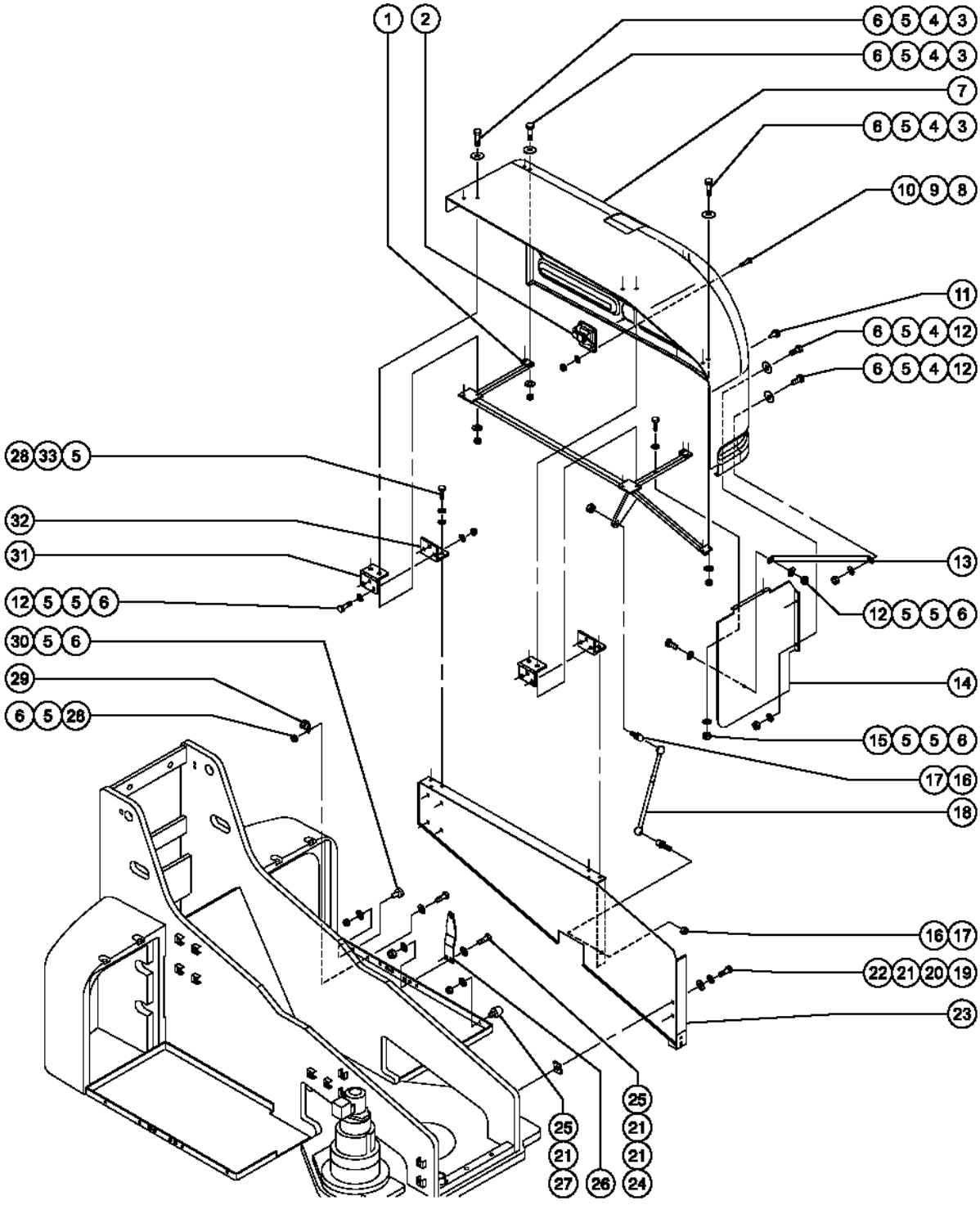
511.1 Turntable Covers - View 2, Engine Side



511.1 Turntable Covers - View 2, Engine Side

Item	Part No.	Description	Qty.
1	30760GT	COVER SUPPORT WELDMENT RH.	
1B	53882GT	WELDMENT,TT COVER SUPPORT,RH	1
2	49536GT	LATCH,TURNTABLE FLUSH STYLE black oval - push	1
2A-	29314GT	KEY,LATCH, 1 PAIR (28125)	
2B	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS* T-style	2
2B-	29314GT	KEY,LATCH, 1 PAIR (28125)	
3	8915GT	SCREW,HHC,1/4-20 X 1.25	10
4	12906GT	WASHER,FENDER,.25 X 1.25 X.062	10
5	6638GT	WASHER, FLAT, USS, 1/4"Y	42
6	6091GT	NUT, NYLOCK, 1/4-20	21
7	65478GT	COVER ASSY W/DECAL,WRD,RH BB Gasoline/LPG models; includes Index No's. 2 and 8 through 10	1
7B	65478GT	COVER ASSY W/DECAL,WRD,RH BB Diesel models; includes Index No's. 2 and 8 through 10	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 Diesel models only	3
12	6888GT	SCREW,HHC,1/4-20 X 1	9
13	30894P-SGT	SHROUD SUPPORT,PAINTED GRAY Gasoline/LPG models	1
14	49537P-SGT	SHROUD,LP TANK,PAINTED Gasoline/LPG models	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
18-	27377GT	RETAINER,GAS SPRING***	1
19	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	6
20	6021GT	WASHER,LOCK,.375	8

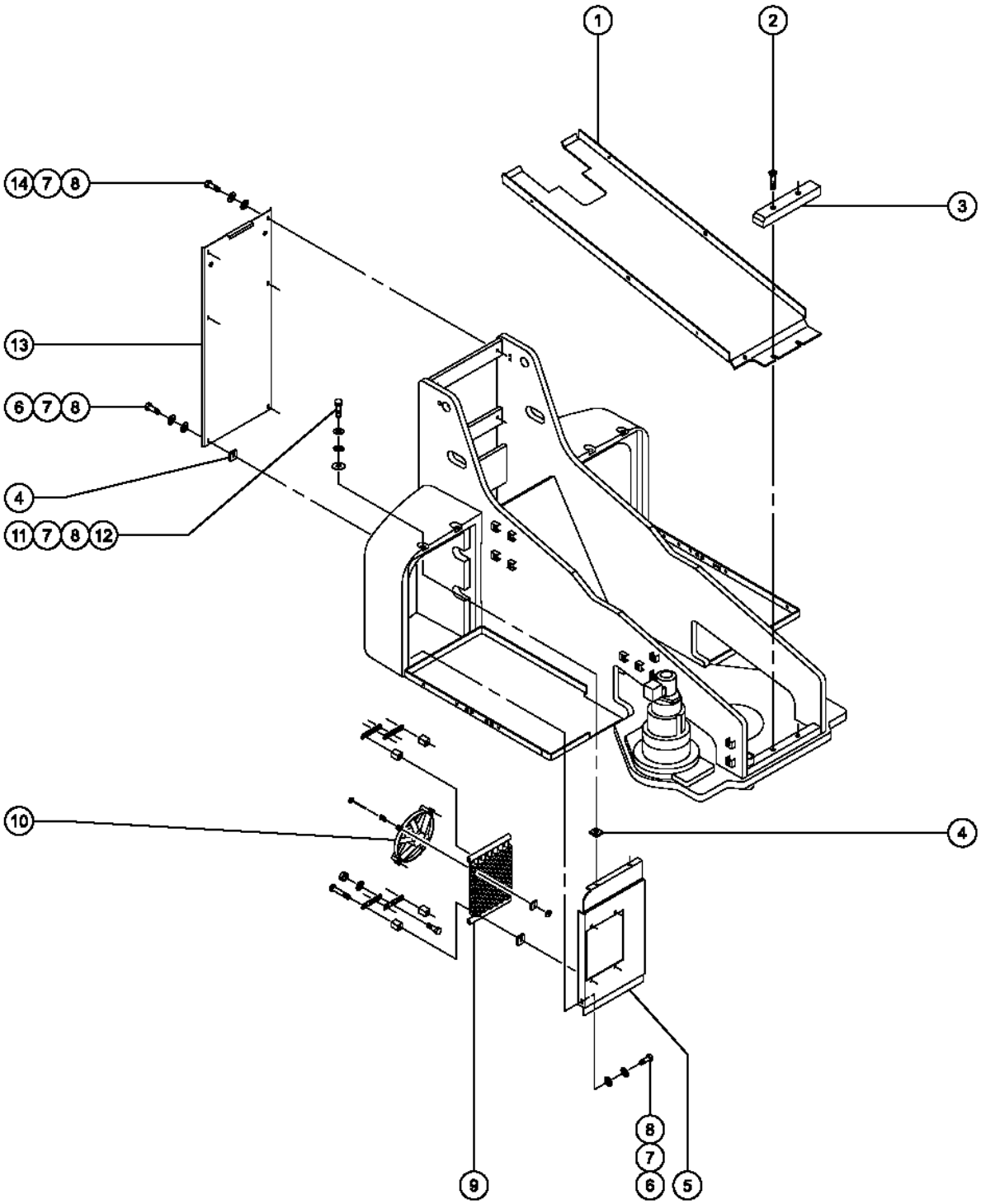
511.1 Turntable Covers - View 2, Engine Side



511.1 Turntable Covers - View 2, Engine Side

Item	Part No.	Description	Qty.
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
24	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
25	6782GT	NUT, NYLOCK, 5/16-18	3
26	49535P-SGT	PLATE,LATCH,BLUE,PAINTED	1
27	30973GT	BUMPER,RUBBER-1 X 1.25	1
28	6090GT	SCREW, HHC, 1/4-20 X .75	1
29	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	1
30	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	1
31	75073GT	HINGE,.375X.120THK.,SLOTTED	2
32	35949P-SGT	BRACKET,COVER HINGE,BLUE	2
33	6356GT	WASHER,LOCK,.25	4

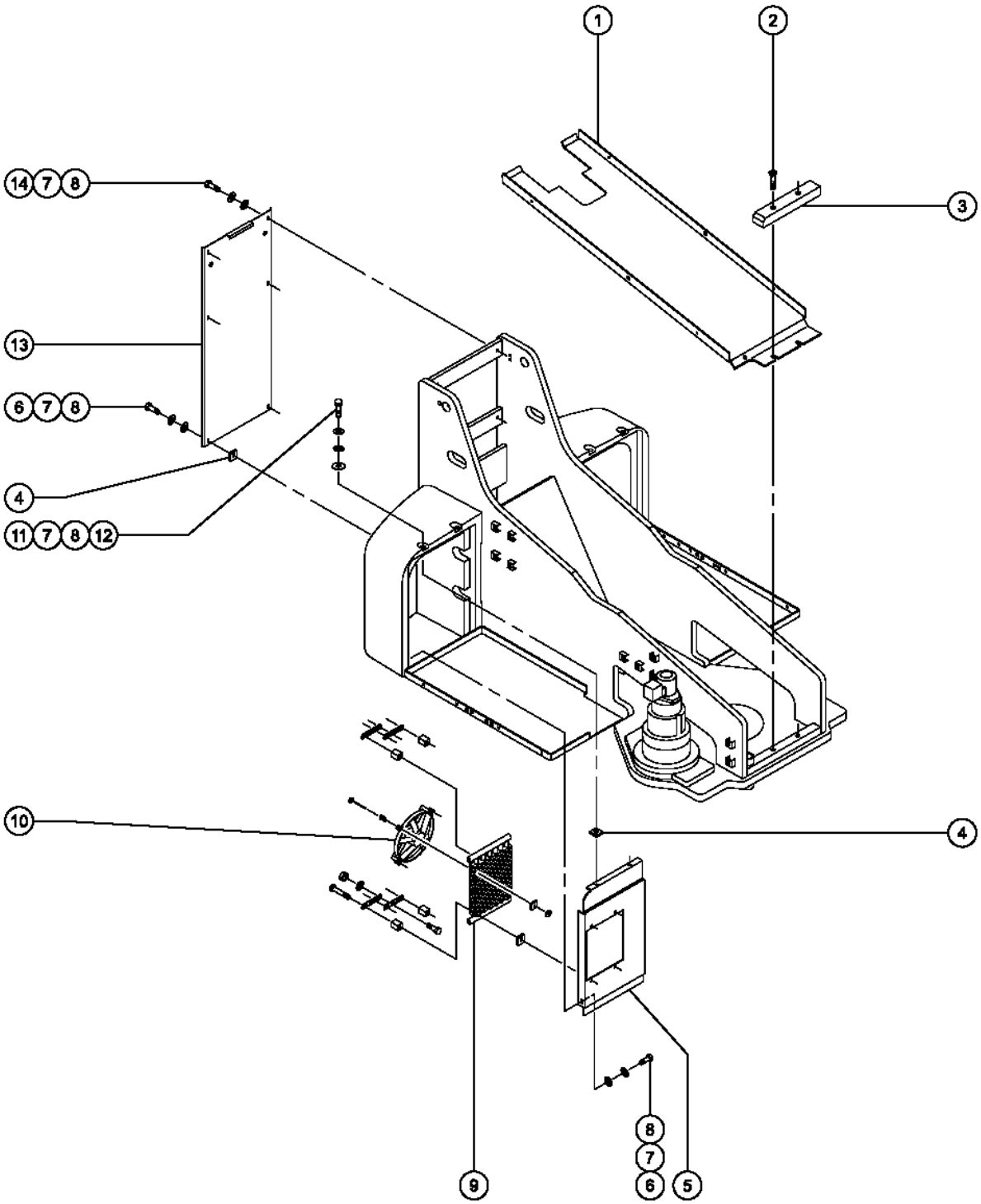
512.1 Turntable Covers and Oil Cooler Option - View 3, S-60



512.1 Turntable Covers and Oil Cooler Option - View 3, S-60

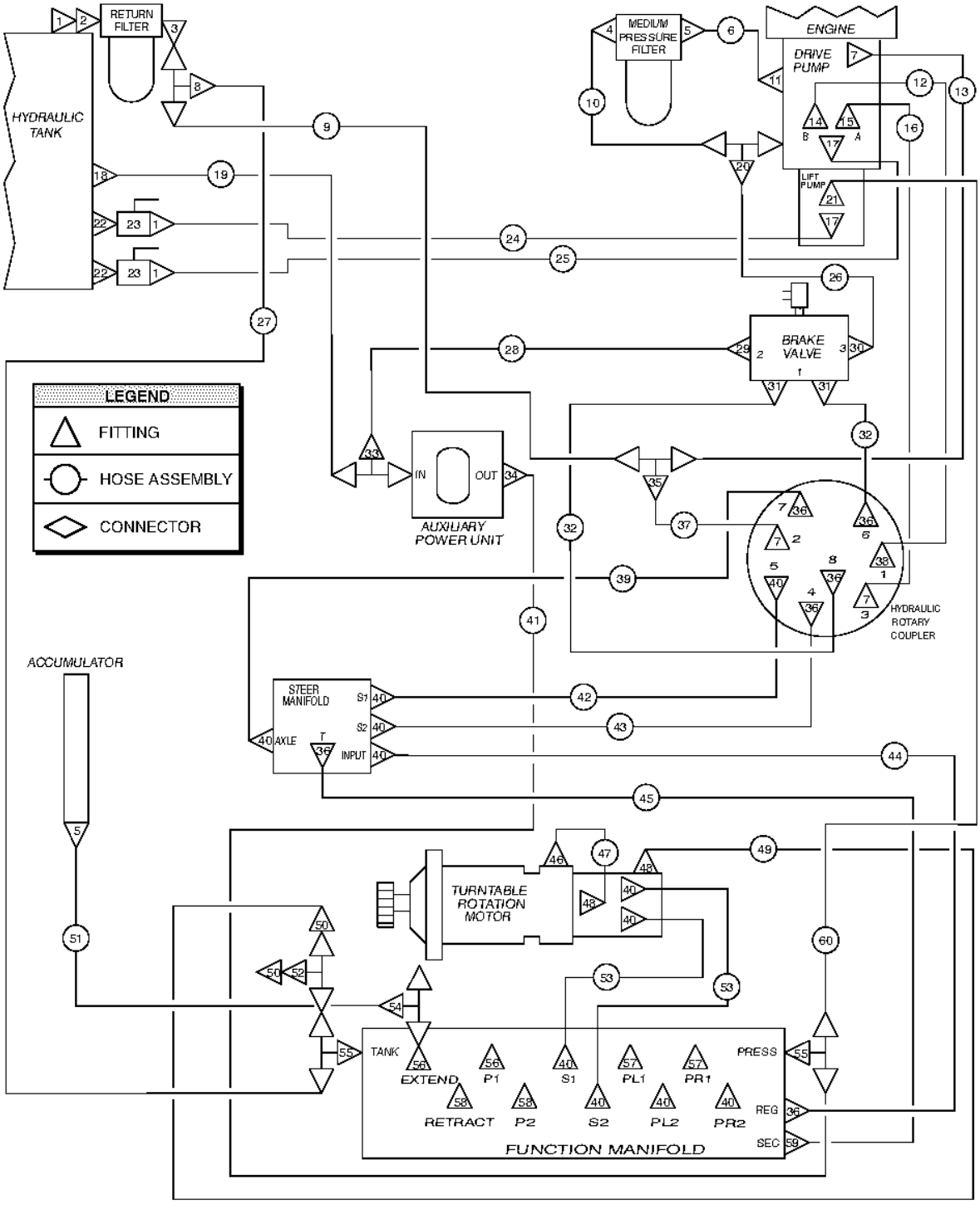
Item	Part No.	Description	Qty.
	34980-SGT	OIL COOLER KIT,S60,S80 PARKER includes Index No's. 4 through 10	
	46990GT	OIL COOLER(SYNFLEX)S40,60,80 includes Index No's. 4 through 10	
1	44286PGT	PLATE, SWING COVER S60/S80	1
2	35714GT	SCREW,FHS,3/8-16 X 2.25	2
3	41549GT	PAD,BOOM REST	2
4	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	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 includes mounting hardware	1
9-	71259GT	OIL COOLER W/FAN, 12VDC	1
9-	75855GT	THERMOSTAT -OIL COOLER (71259)	1
9-	49147-6910-S	HOSE ASSEMBLY,3/4"	1
9-	49152-2669-S	HOSE ASSEMBLY,3/4"	1
10	63118GT	FAN,OIL COOLER***	1
10-	75854GT	FAN - VENTED	1
11	6708GT	SCREW,HHC,3/8-16 X 2.25	2
12	6095GT	WASHER,FLAT,USS,1/2",Y	2
13	52088GT	COVER-TURNTABLE W/DECALS S60	1
14	8255GT	SCREW,HHC,3/8-16 X .75	4

512.2 Turntable Covers and Oil Cooler Option - View 3, S-65



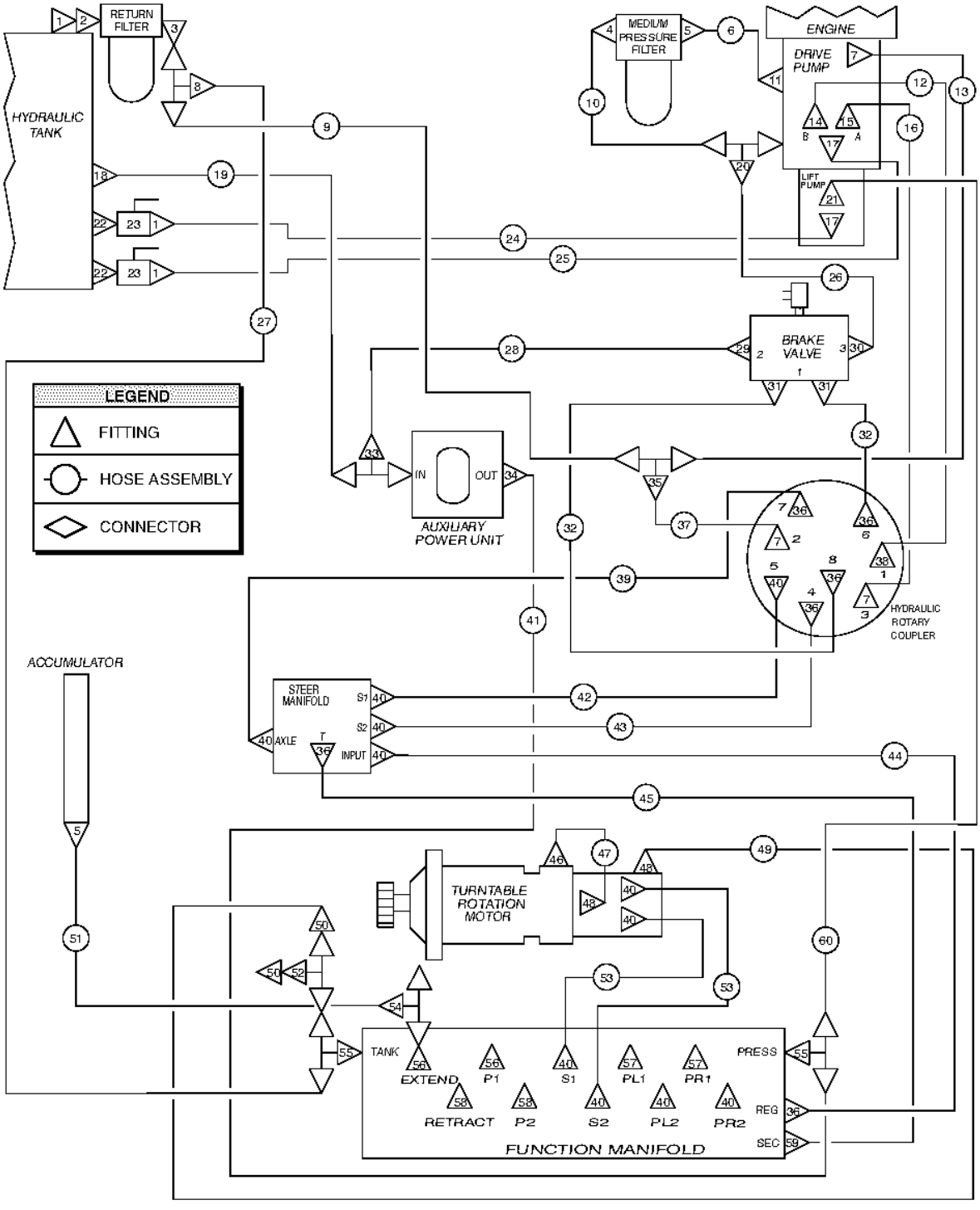
512.2 Turntable Covers and Oil Cooler Option - View 3, S-65

Item	Part No.	Description	Qty.
	34980-SGT	OIL COOLER KIT,S60,S80 PARKER includes Index No's. 4 through 10	
	46990GT	OIL COOLER(SYNFLEX)S40,60,80 includes Index No's. 4 through 10	
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 includes mounting hardware	1
9-	71259GT	OIL COOLER W/FAN, 12VDC	1
9	75855GT	THERMOSTAT -OIL COOLER (71259)	1
9-	49147-6910-S	HOSE ASSEMBLY,3/4"	1
9-	49152-2669-S	HOSE ASSEMBLY,3/4"	1
10	63118GT	FAN,OIL COOLER***	1
10-	75854GT	FAN - VENTED	1
11	6708GT	SCREW,HHC,3/8-16 X 2.25	2
12	6095GT	WASHER,FLAT,USS,1/2",Y	2
13	52089GT	COVER-TURNTABLE W/DECALS S65	1
14	8255GT	SCREW,HHC,3/8-16 X .75	4


RETURN FILTER
HYDRAULIC TANK
MEDIUM PRESSURE FILTER
ENGINE
DRIVE PUMP
LIFT PUMP
BRAKE VALVE
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
AUXILIARY POWER UNIT
IN
OUT
HYDRAULIC ROTARY COUPLER
ACCUMULATOR
STEER MANIFOLD
AXLE
INPUT
TURNTABLE ROTATION MOTOR
TANK
PRESS
EXTEND
RETRACT
P1
P2
S1
S2
PL1
PL2
PR1
PR2
REG
SEC
FUNCTION MANIFOLD

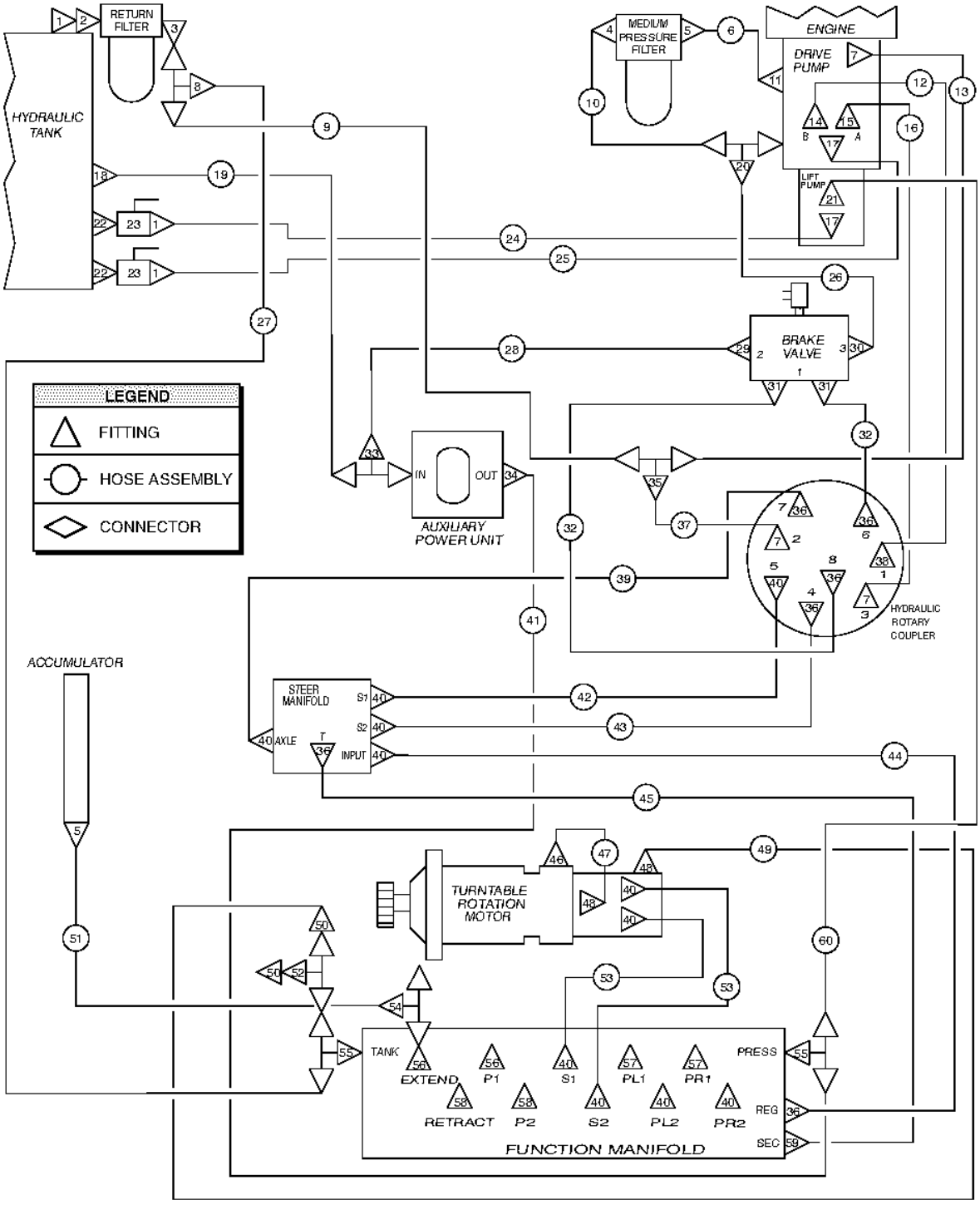
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48986GT	CONN,520102-16	3
2	49512GT	ELBOW,90DEG,FEM,1"NPT	1
3	49515GT	ELBOW,90D,520202-12-16	1
4	48948GT	CONN,520120-8-12	1
5	48947GT	ELBOW,90D,520220-8-12	2
6	49106-3222GT	HOSE ASSEMBLY,1/2"	1
7	48960GT	CONN,520120-4-6***	3
8	48964GT	TEE,RUN,SWIVEL,520432-12	1
9	49151-4948GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
10	75278-3500GT	ASSY, HOSE, HYD, -8, 4250, STR, 90	1
11	48946GT	CONN,520120-8-10	1
12	49156-4500GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
13	49148-3550GT	HOSE ASSEMBLY-3/4" 100R1	1
14	48977GT	CONN,520120-12-16	1
15	48976GT	ELBOW,90D,520220-12-16	1
16	49156-4331GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
17	48984GT	CONN, 520120-16	2
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

513.1 Hydraulic Hoses and Fittings



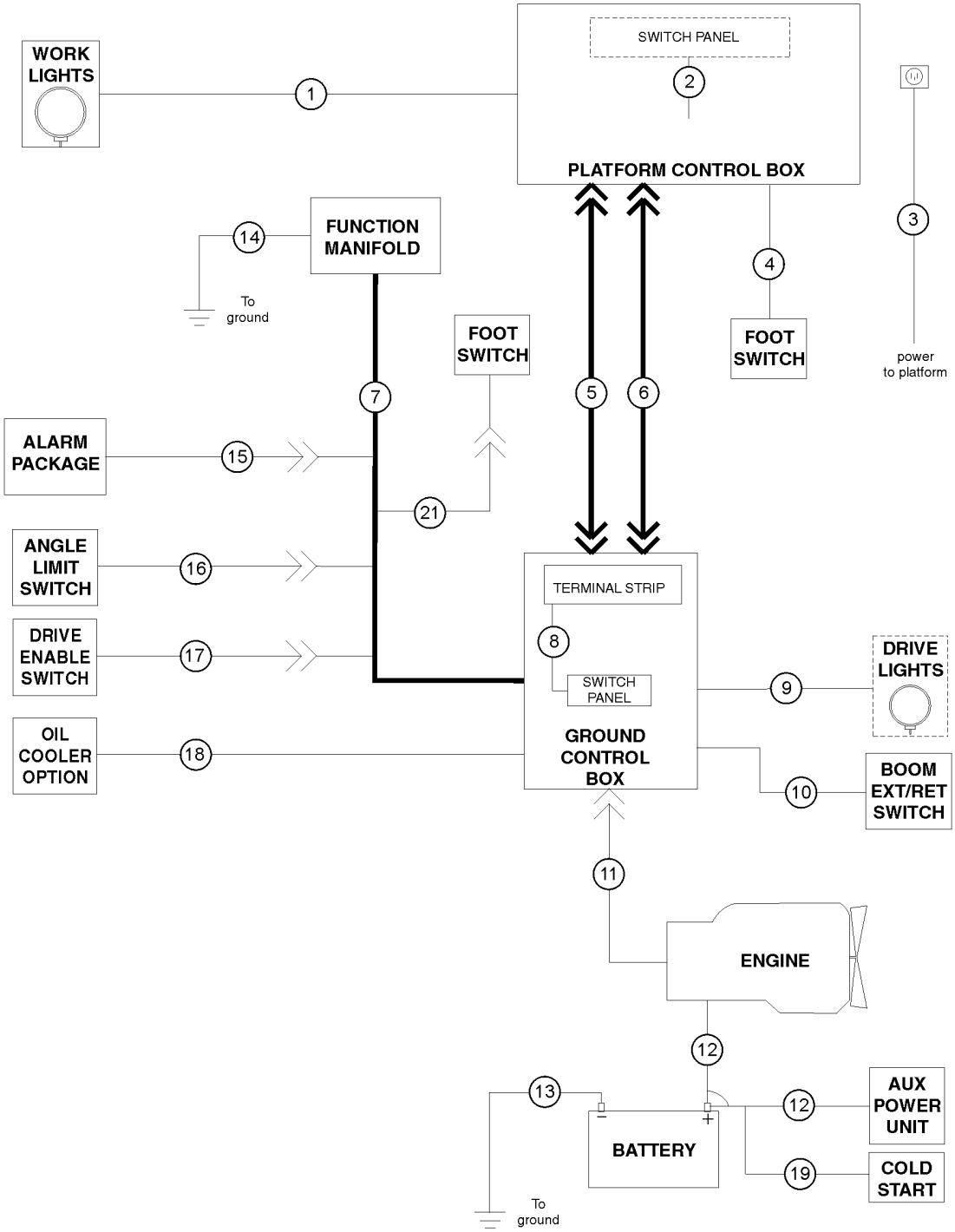
Item	Part No.	Description	Qty.
27	218665GT	HOSE ASSEMBLY	1
28	49131-5200GT	HOSE ASSEMBLY-3/8"	1
29	48911GT	ELBOW,90D,520220-4-6***	1
30	48928GT	ELBOW,45D,520320-6-4	1
31	48927GT	CONN,520120-6-4	2
32	49130-2800GT	HOSE ASSEMBLY	2
33	48935GT	TEE,RUN, 520428-8	1
34	48942GT	ELBOW, 90, 24 C5OLO-S	1
35	48969GT	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	CONN,520120-8-10	1
39	49128-4009GT	HOSE ASSY,3/8"90 FEM,STR FEM	1
40	48916GT	CONN, 520120-6	11
41	49108-2329GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
42	49128-2684GT	HOSE ASSEMBLY,3/8"	1
43	49126-2558GT	HOSE ASSY,3/8,45 FEM,STR FEM	1
44	49128-2300GT	HOSE ASSY,3/8 90 DEG	1
45	49128-2834GT	HOSE ASSEMBLY,3/8"	1
46	48904GT	ELBOW, 90D, 520220-4	1
47	49117-1600GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
48	48905GT	CONN,520120-4***	2
49	49119-1600GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
50	48956GT	REDUCER,520123-10-4	2
51	49110-1600GT	HOSE ASSEMBLY-1/2" 100R2	1
52	48955GT	TEE,RUN,SWIVEL,520432-10	1
53	49128-1850GT	HOSE ASSEMBLY-3/8"	2
54	48938GT	FITTING,TEE,RUN,SWIVEL520432-8	1

513.1 Hydraulic Hoses and Fittings



Item	*Part No.*	*Description*	*Qty.*
55	48954GT	TEE,BRANCH,520429-10	2
56	48934GT	CONN,LONG,520122-8	2
57	48917GT	CONN,LONG,520122-6	2
58	48933GT	CONN,520120-8***	2
59	48930GT	CONN,520120-6-8	1
60	1296384-7835GT	HOSE ASSY,5/8",90 FEM-ST FEM,78.35"LG	1

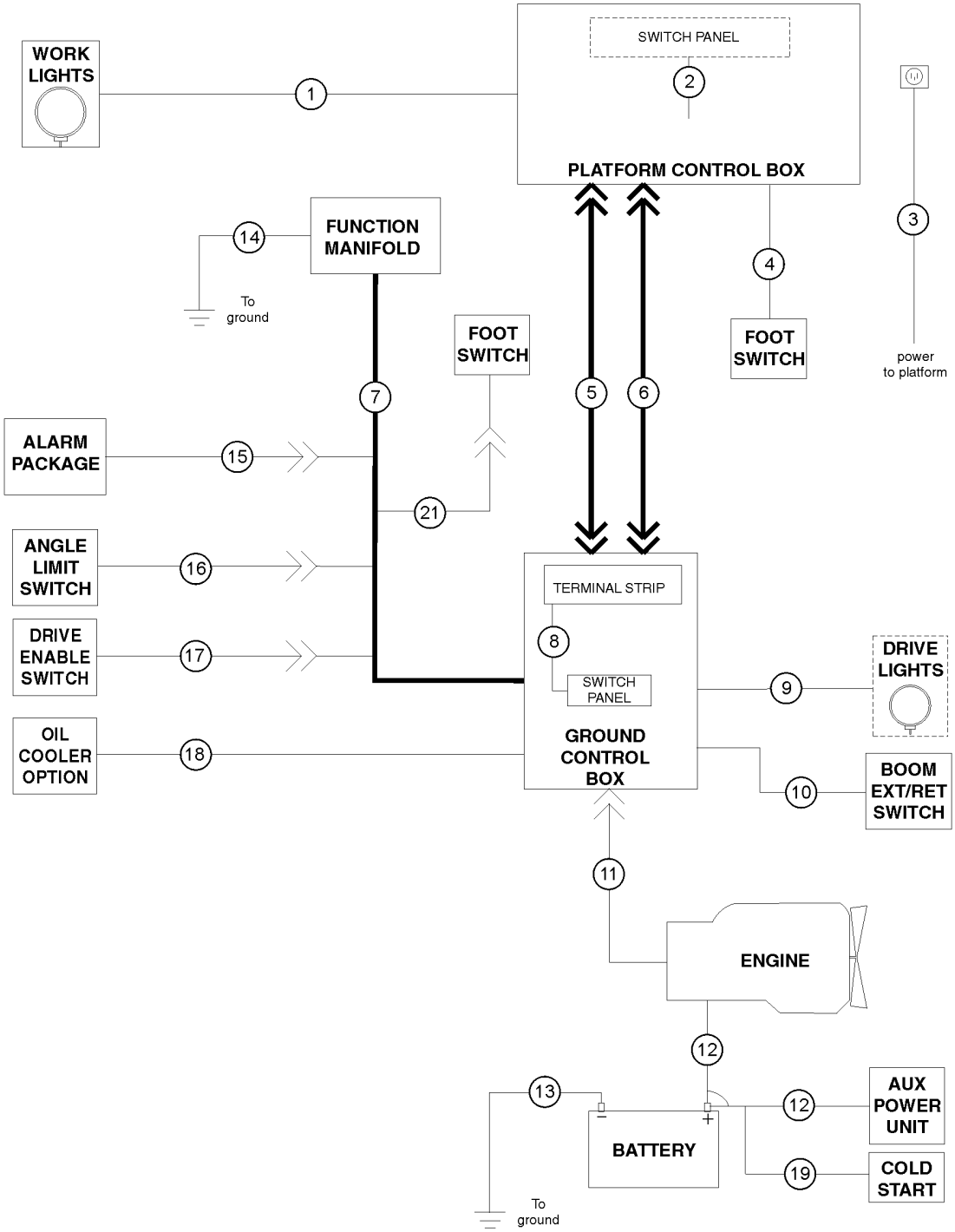
514.1 Wire Harness Diagram (from SN 7838), S-60



514.1 Wire Harness Diagram (from SN 7838), S-60

Item	Part No.	Description	Qty.
1	73480GT	HARNESS,WORKLIGHT ACC	1
2		HARN,PBOX WIRING, SWITCHPANEL (part no longer available for service)	1
3A	73697GT	HARN,12V TO PLAT NJ S-60	1
4		REF: Foot Switch Assembly (refer to 701.1)	1
5A	73699GT	HARN,19/18CTRL CABLE1 NJ S-60; Green and brown connectors	1
6A	73701GT	HARN,19/18 CTRL,CABLE 2,NJ S-60; Grey and black connectors	1
7	73706GT	HARN,GBOX FUNCTION MANIFOLD	1
8		HARN,GBOX,WIRING,SWITCHPANEL (part no longer available for service)	1
9	73817GT	HARNESS,DRIVE LIGHT OPT	1
10	73709GT	HARN,LS,BOOM EXT/RET	1
11		HARN,FORD ENGINE (part no longer available for service; please contact Genie Service Parts)	
11	73703GT	HARN,FORD ENGINE,EFI*** Ford Engine	1
11-	73704GT	HARN,DEUTZ ENGINE*** Deutz Engine	
11-	73705GT	HARN,PERKINS ENGINE Perkins Engine	
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
19-	81123GT	HARNESS,COLD START OPT,DUETZ	1
20	1260218GT	HARNESS,TILT ALARM,12V from SN 7921; CSA only	1
20-	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN from SN 7921; CSA only, includes instructions	1

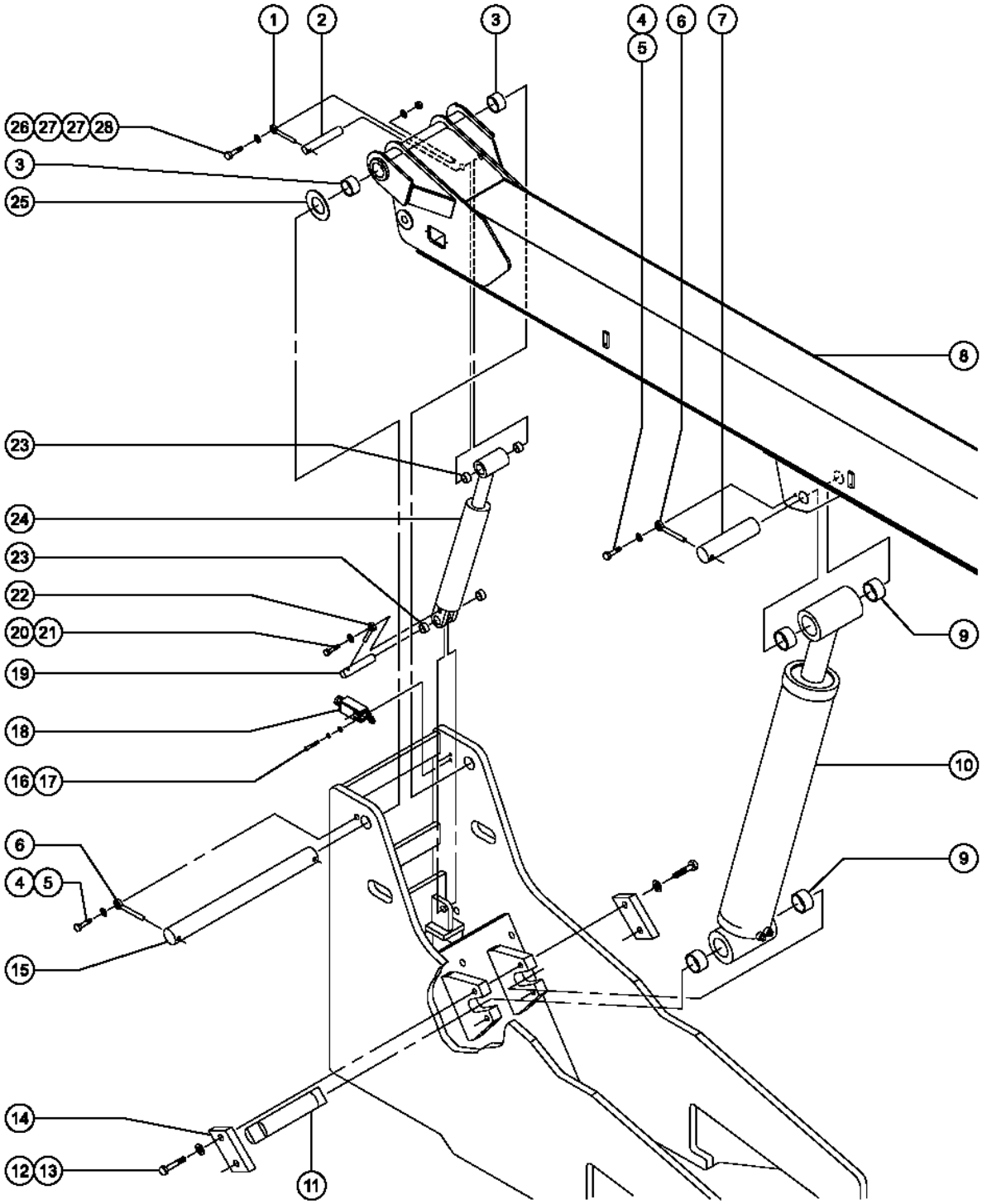
514.2 Wire Harness Diagram (from SN 7838), S-65



514.2 Wire Harness Diagram (from SN 7838), S-65

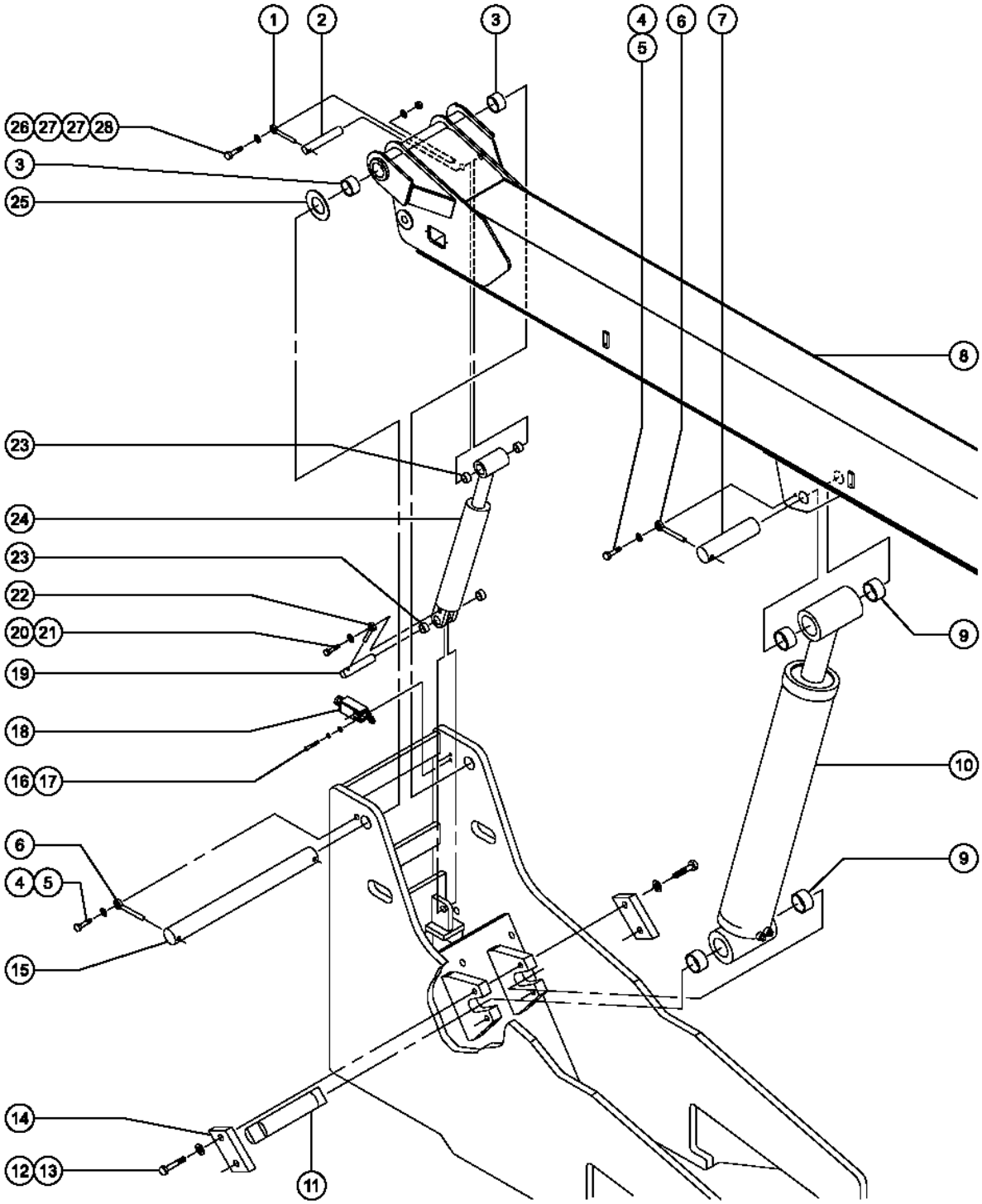
Item	Part No.	Description	Qty.
1	73480GT	HARNESS,WORKLIGHT ACC	1
2	81111GT	HARN,PBOX WIRING, SWITCHPANEL	1
3	73698GT	HARN,12V TO PLAT JIB S-65	1
4		REF: Foot Switch Assembly (refer to 701.1)	1
5	73700GT	HARN,19/18 CTRL,CABLE 1,JIB S-65; Green and brown connectors	1
6	73702GT	HARN,19/18 CTRL,CABLE 2,JIB S-65; Grey and black connectors	1
7	73706GT	HARN,GBOX FUNCTION MANIFOLD	1
8		Part is no longer available	1
9	73817GT	HARNESS,DRIVE LIGHT OPT	1
10	73709GT	HARN,LS,BOOM EXT/RET	1
11	73703GT	HARN,FORD ENGINE,EFI*** Ford Engine	1
11A		HARN,DEUTZ ENGINE*** Duetz Engine (Contact Genie Service Parts)	
11A-	73704GT	HARN,DEUTZ ENGINE*** Deutz Engine	
11B-	73705GT	HARN,PERKINS ENGINE Perkins Engine	
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
19-	81123GT	HARNESS,COLD START OPT,DUETZ	1

601.1 Boom Lift and Master Leveling Cylinder Installation



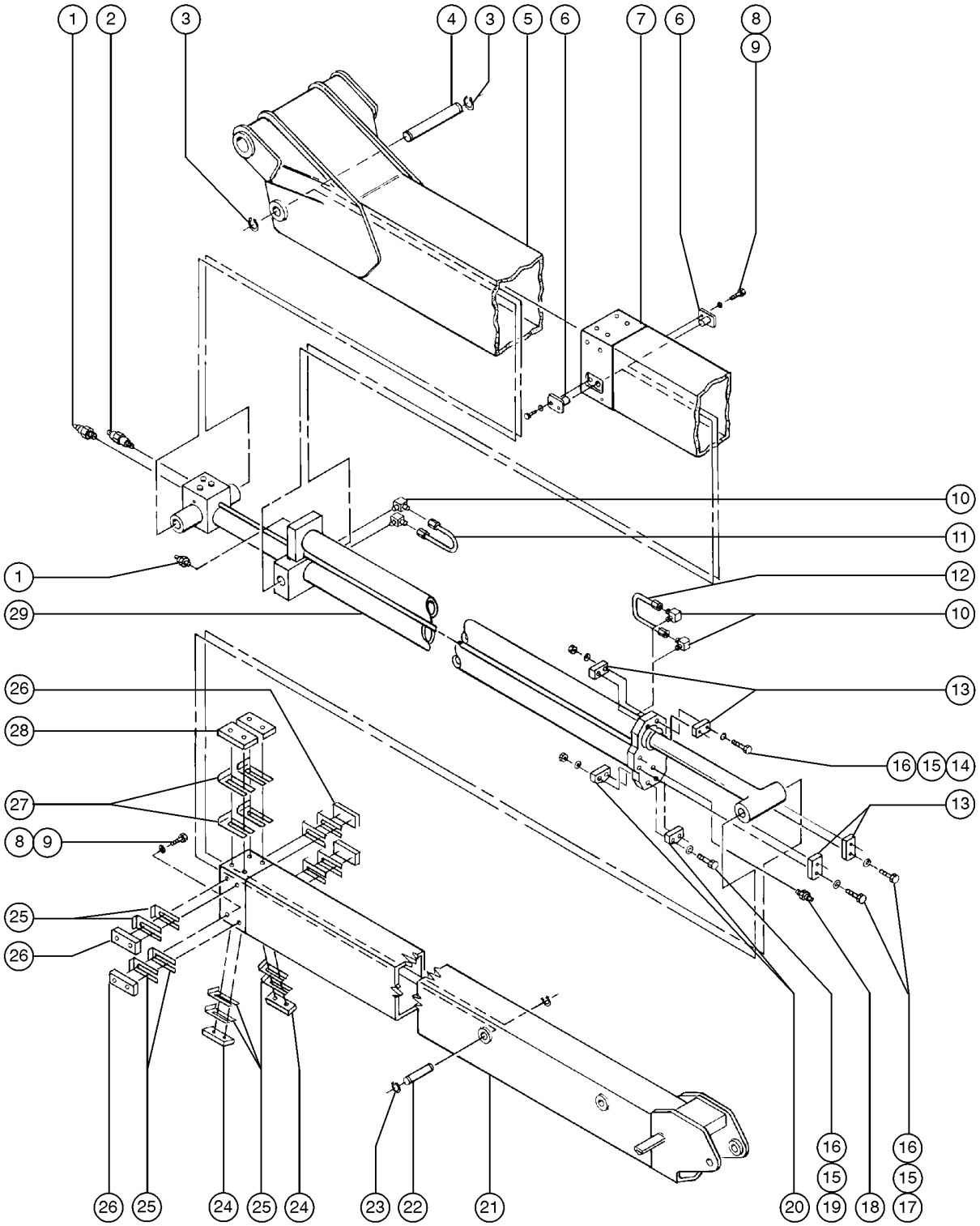
Item	Part No.	Description	Qty.
1	825019GT	ROD END, .375X3.69, ZAG	1
2	34270GT	PIN,1.25DIAX6.62LG,1HOLE	1
3	34131GT	BEARING,2.50IDX3.00ODX2.00L	2
4	8177GT	SCREW,HHC,1/2-13 X 1.5	1
5	6033GT	WASHER,LOCK,0.5"	2
6	1256267GT	ROD END,.5 X 3.75,ZAG	2
7	34269GT	PIN,2.50DIAX13.75LG,1HOLE	1
8		Ref. Boom Assembly refer to section 602.1 or 603.1	1
9	27698GT	BEARING,2.50IDX2.75ODX2.00L	4
10	63205GT	CYLINDER, LIFT, S60** includes Index No. 9	1
10-	63345GT	SEAL KIT CYL.S60(63205)	1
10-	43937GT	VALVE,CB.CBBC-LHN@3200***	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,2.50DIAX29.13LG,1HOLE	1
16	22541GT	SCREW,RHM,10-32 X 1.5	2
17	6607GT	WASHER,LOCK,#10 PLTD	4
18	88356-146R5GT	SWITCH,LIMIT,W/ROLLER HEAD***	1
18-	19491GT	CONTACTOR,LIMIT SWITCH	1
19	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
20	8255GT	SCREW,HHC,3/8-16 X .75	1
21	6021GT	WASHER,LOCK,.375	1
22	1255452GT	ROD END,.375 X 2.25,ZAG	1
23	25683GT	BEARING,POLYGON,20DU12	4
24	63209GT	CYLINDER,MASTER*** includes Index No. 23	1
24-	63349GT	SEAL KIT,CYL (63209) For cylinder 63209; check cylinder part number stamp or label prior to ordering	1

601.1 Boom Lift and Master Leveling Cylinder Installation



Item	*Part No.*	*Description*	*Qty.*
24-	33487GT	SEAL KIT,HYDRAULIC CYLINDER*** ..... For cylinder 34118; check cylinder part number stamp or label prior to ordering	
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

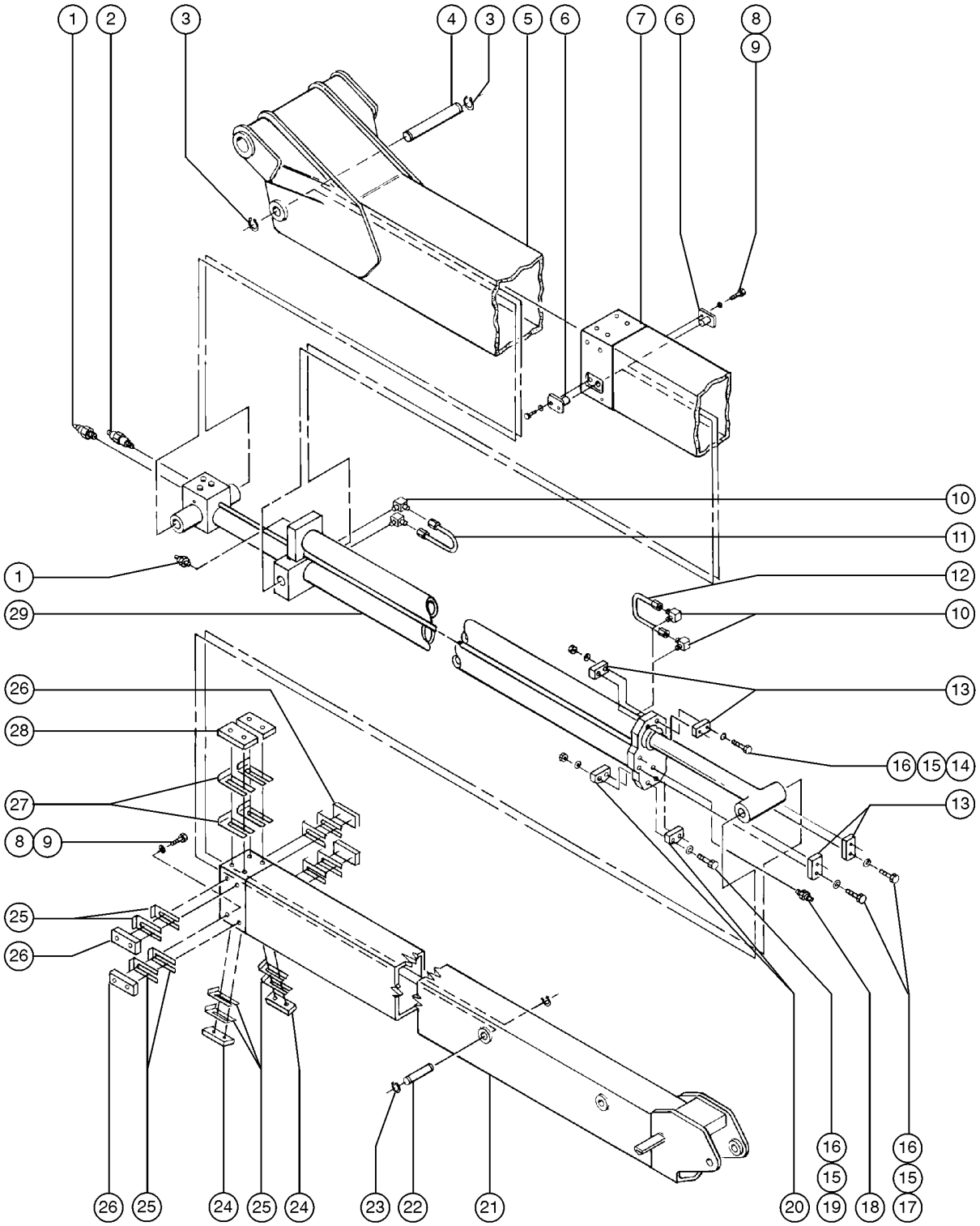
602.1 Boom Assembly - View 1 (to SN 3648)



602.1 Boom Assembly - View 1 (to SN 3648)

Item	Part No.	Description	Qty.
1	36188GT	VALVE,COUNTERBAL.CACA-LHN@2000	2
1-	43018GT	SEAL KIT (39345)	
2	36207GT	VALVE,COUNTERBAL.CWCA-LHN@2000	1
2-	62449GT	SEAL KIT,SUN "CWCA" CB VALVES*	
3	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	2
4	34268GT	PIN,1.50DIAX14.41LG,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, 07022-4-4	4
11	34741GT	FLARE TUBE ASSY,EXT.CYLINDER	1
12	34736GT	FLARE TUBE ASSY,EXT.CYLINDER	1
13	34165GT	WEAR PAD,EXTENSION CYLINDER	4
14	6884GT	SCREW,HHC,1/4-20 X 2.5	2
15	6638GT	WASHER, FLAT, USS, 1/4"Y	8
16	6889GT	NUT,LP NYLOCK,1/4-20	8
17	4266GT	SCREW,HHC,1/4-20 X 2	4
18	33494GT	VALVE,SEQUENCE	1
18-	43018GT	SEAL KIT (39345)	
19	8179GT	SCREW,HHC,1/4-20 X 2.25	2
20	34165GT	WEAR PAD,EXTENSION CYLINDER	2
21	227149GT	ASSY,S60/65 BOOM TUBE,V-BOTTOM	1
22	T108079GT	PIN,1.25DIAX8.30LG,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	

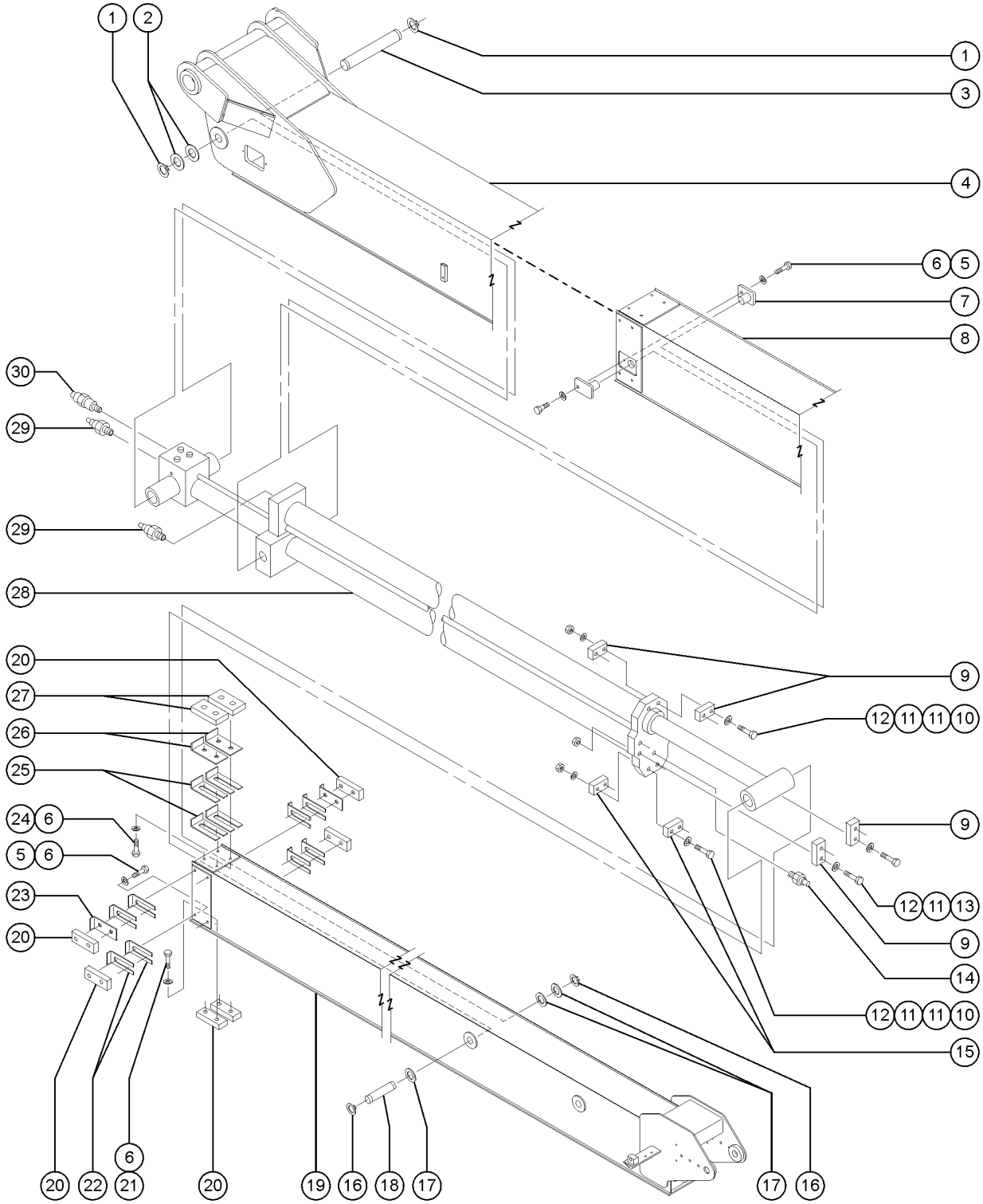
602.1 Boom Assembly - View 1 (to SN 3648)



602.1 Boom Assembly - View 1 (to SN 3648)

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

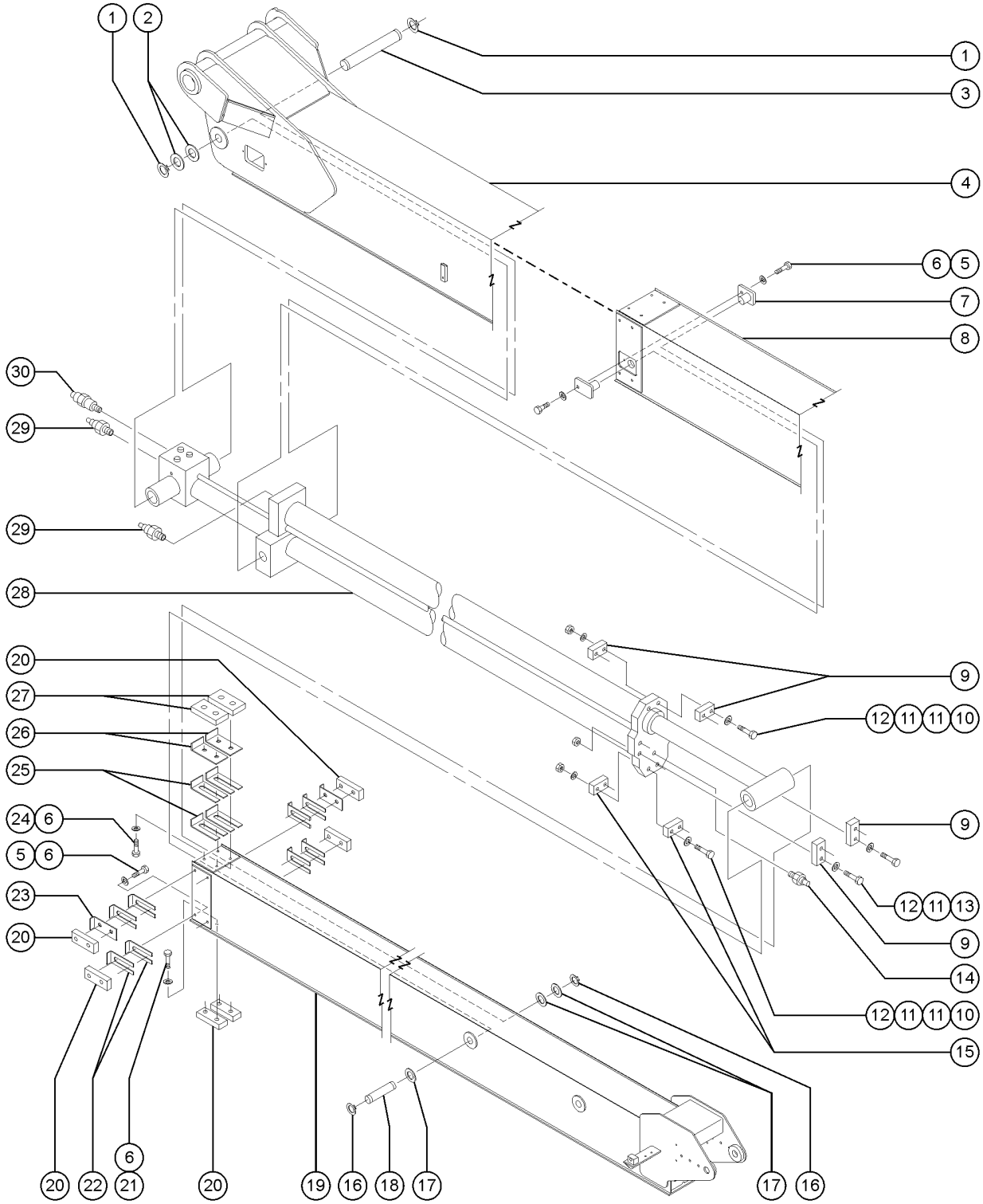
602.2 Boom Assembly - View 1 (from SN 3649)



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,1.50DIAX14.41LG,2RING	1
4	58028GT	BOOM TUBE ASSY. FLAT BTTM.	1
4-	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	34165GT	WEAR PAD,EXTENSION CYLINDER to SN 5441	2
5-	53036GT	WEAR PAD,EXTENSION CYLINDER from SN 5442	
16	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**	2
17	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
18	T108079GT	PIN,1.25DIAX8.30LG,2RING	1
19		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, PAD, 3 x 5	
26	38621GT	SHIM, PAD, 5 x 3	2

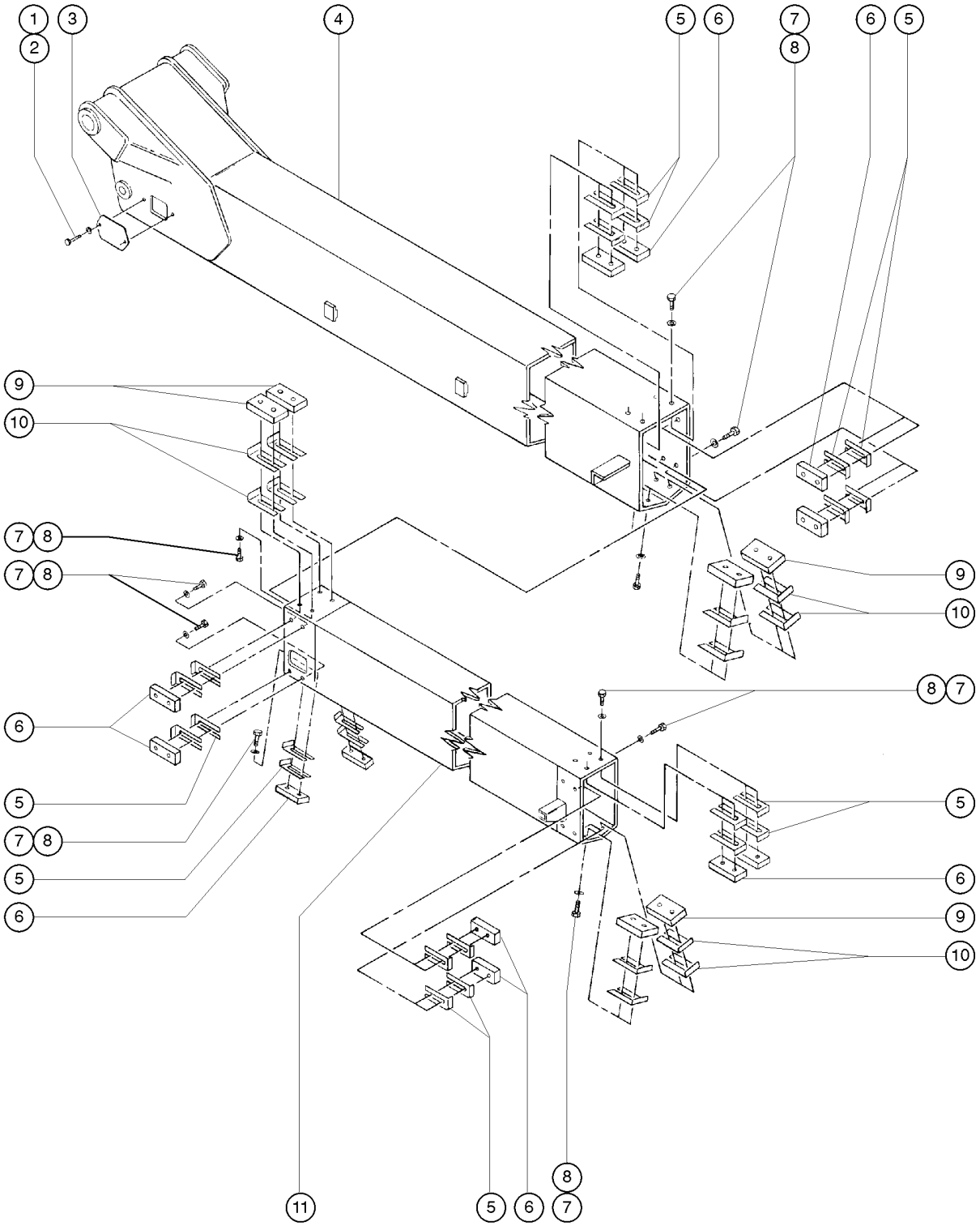
602.2 Boom Assembly - View 1 (from SN 3649)



602.2 Boom Assembly - View 1 (from SN 3649)

Item	*Part No.*	*Description*	*Qty.*
27	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS	2
28	63201GT	EXTENSION CYLINDER ASSY.S60** includes Index No's. 9, 15, 29 and 30	1
28-	63340GT	SEAL KIT,CYL,S60 (63201)***	1
28-	63341GT	SEAL KIT,CYL,S60 (63201)***	1
29	36188GT	VALVE,COUNTERBAL.CACA-LHN@2000	2
30	36207GT	VALVE,COUNTERBAL.CWCA-LHN@2000	1

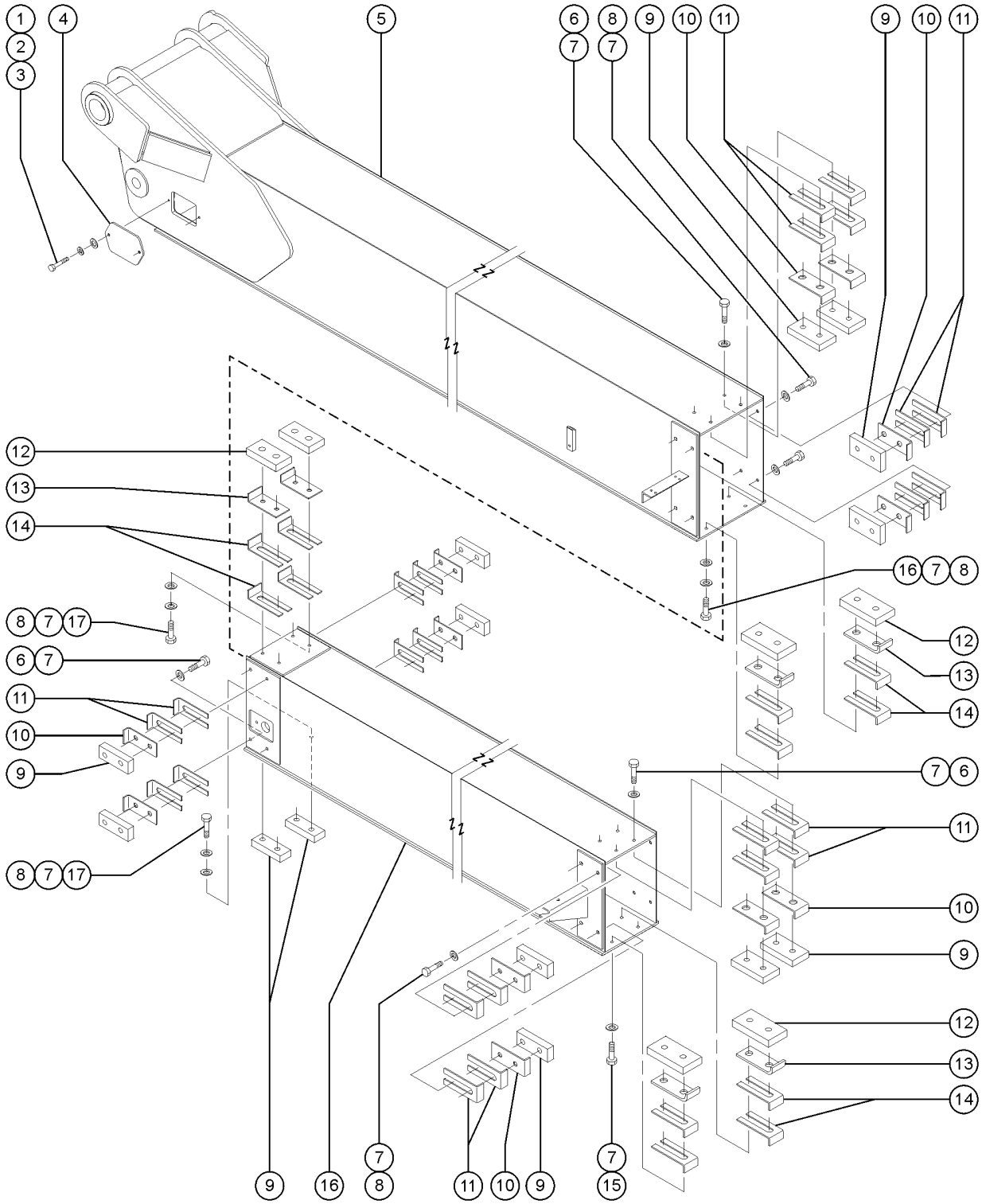
603.1 Boom Assembly - View 2 (to SN 3648)



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, PAD, 3 x 5	
11	34429GT	WELD,BOOM,#2,V-BOTTOM	1

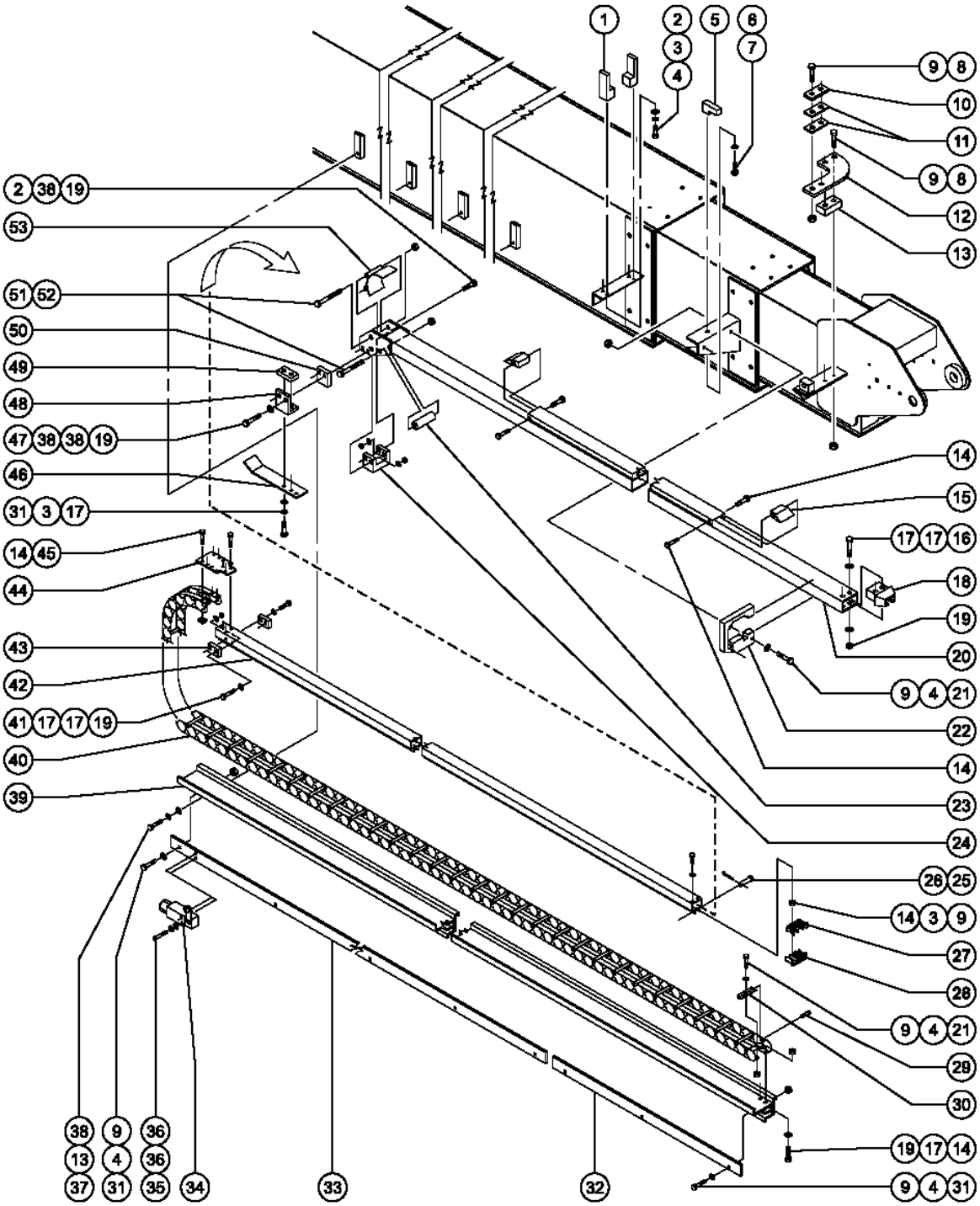
603.2 Boom Assembly - View 2 (from SN 3649)



603.2 Boom Assembly - View 2 (from SN 3649)

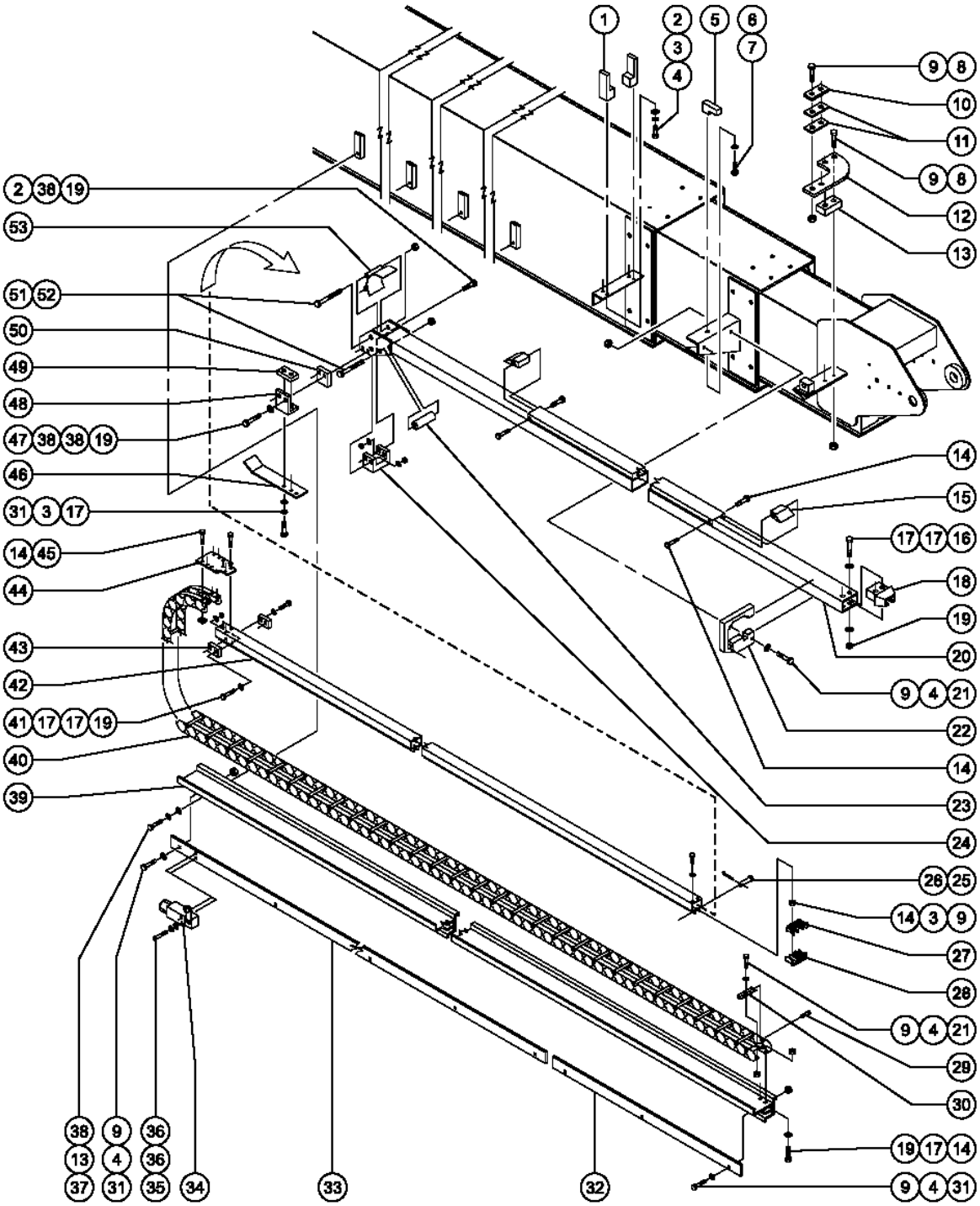
Item	Part No.	Description	Qty.
1	8914GT	SCREW,HHC,1/4-20 X .625	4
2	6356GT	WASHER,LOCK,.25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	34284P-SGT	COVER,BOOM SECTION #1 PAINTED	2
5	58028GT	BOOM TUBE ASSY. FLAT BTTM.	1
5-	34131GT	BEARING,2.50IDX3.00ODX2.00L	2
6	6175GT	SCREW,HHC,3/8-16 X 1	20
7	6021GT	WASHER,LOCK,.375	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, PAD, 3 x 5	
15	8516GT	SCREW, HCC, 3/8-16 X 1.50	4
16	53019-SGT	WELD,BOOM,#2,FLAT BOTTOM	1
17	6097GT	WASHER,FLAT,USS,3/8",Y	12

604.1 Cable Track Installation



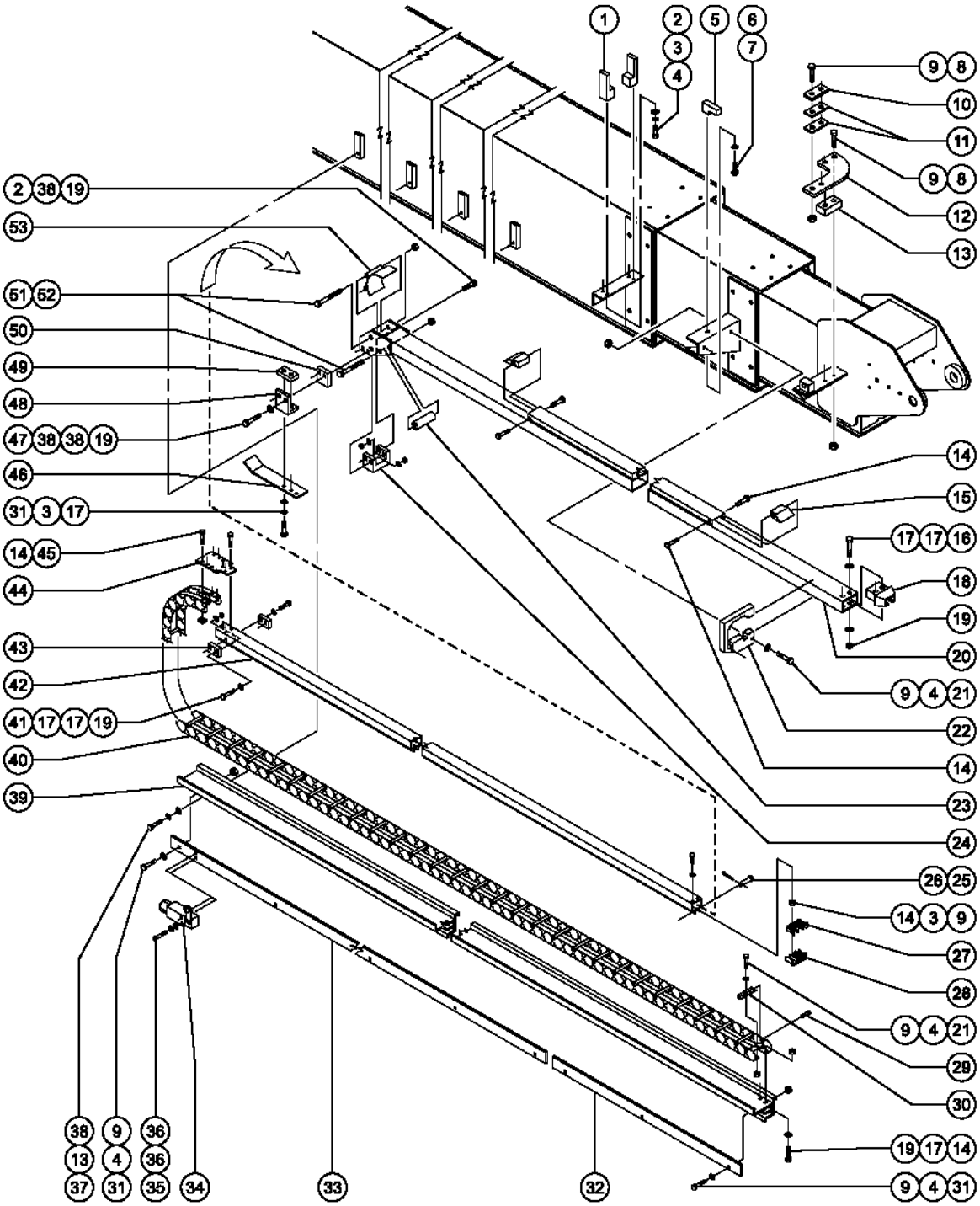
Item	Part No.	Description	Qty.
1	34636GT	WEAR PAD,CABLE TRCK OUTER TUBE	2
2	6145GT	SCREW,HHC,1/4-20 X 1.5	4
3	6356GT	WASHER,LOCK,.25	8
4	6638GT	WASHER, FLAT, USS, 1/4"Y	14
5	34394GT	WEAR PAD,BOTTOM,CABLE TRACK	1
6	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
7	6021GT	WASHER,LOCK,.375	5
8	4266GT	SCREW,HHC,1/4-20 X 2	4
9	6091GT	NUT, NYLOCK, 1/4-20	24
10	46751P-SGT	CABLE CLAMP	1
11	46765GT	PAD,CABLE CLAMP	2
12	46750P-SGT	BRACKET, CABLE CLAMP	1
13	46752GT	SPACER, CABLE CLAMP	1
14	8914GT	SCREW,HHC,1/4-20 X .625	12
15	41751GT	TUBE DEFLECTOR,PLASTIC	2
16	6115GT	SCREW,HHC,1/4-20 X 3.5	2
17	30748GT	WASHER,SHIM,1.01 X 1.63 X.062	18
18	41750GT	COW CATCHER,PLASTIC	1
19	6889GT	NUT,LP NYLOCK,1/4-20	10
20	34660-SGT	CABLE TRACK TUBE WELDMENT S60	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	1294954GT	PIN,COTTER,.1875"X1.5"	1
27	63432GT	CLAMP,HOSE,BOTTOM,MOLDED	1
28	63433GT	CLAMP,HOSE,TOP,MOLDED	1

604.1 Cable Track Installation



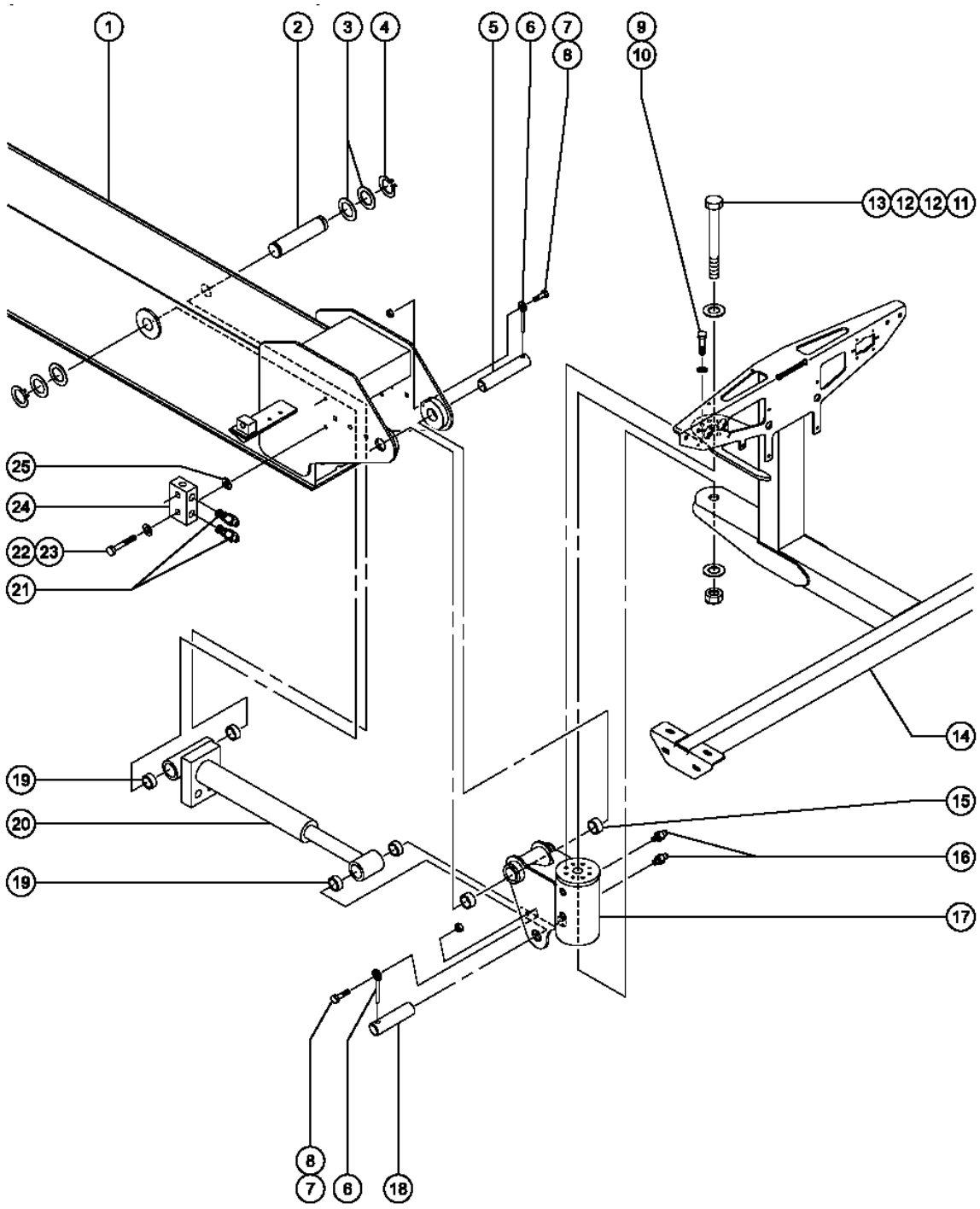
Item	Part No.	Description	Qty.
29	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP	2
30	46766GT	CLAMP, CABLE TRACK	1
31	6090GT	SCREW, HHC, 1/4-20 X .75	12
32	33054-SGT	COVER,CABLE TRACK TRAY,S60,'95	1
33	33053-SGT	COVER,CABLE TRACK TRAY,S60,95'	1
34	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	1
35	6179GT	SCREW,RHM,10-32 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
40	43483GT	TRACK,STEEL CABLE,86 LINKS*** Stainless Steel; includes item number 28	1
40A-	46677GT	REPAIR LINK,3 LINKS (STEEL) for 48483	1
40B	73996GT	CABLETRACK,PLATED, 87 LINK*** Standard Cable track	1
40B-	81007GT	REPAIR LINK, 4 LINKS PLATED for 73996	
40B-	65873GT	ROLLER,POLY,STEEL TRACK(43484)	1
40B-	72354GT	ROLLER,ALUM TUBE,ST.TRK.43484	1
40B-	72268GT	END SET,STEEL43482,43483,43484	1
40B-	72330GT	SCREW,10-32 X.5 TORX PAN HD	1
41	6888GT	SCREW,HHC,1/4-20 X 1	4
42	43853-SGT	EXU.,CABLE TRK.SUPPT,210"DRIL*	1
42-	27258GT	TRIM,RUBBER EDGE,5/8 (BY INCH) order as needed	
43	31411GT	WEAR PAD,CABLE TRACK	2
44	43191P-SGT	PLATE,CABLE TRACK,PAINTED	1
45	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
46	36204P-SGT	BRACKET,LIMIT SWITCH EXT,BLUE*	1
47	8179GT	SCREW,HHC,1/4-20 X 2.25	2
48	41031P-SGT	ANGLE,CABLE TRACK TUBE,PAINTED	1

604.1 Cable Track Installation



Item	*Part No.*	*Description*	*Qty.*
49	41029GT	WEAR PAD,3 X 2 X .5 W/INSERT	1
50	41030GT	WEAR PAD,2.25 X 2.50 X .5	1
51	22832GT	SCREW,HHC,3/8-16 X 6	3
52	7713GT	NUT, LP NYLOCK, 3/8-16	3
53	36593-SGT	WELDMENT,CABLE TRACK GUIDE**	1

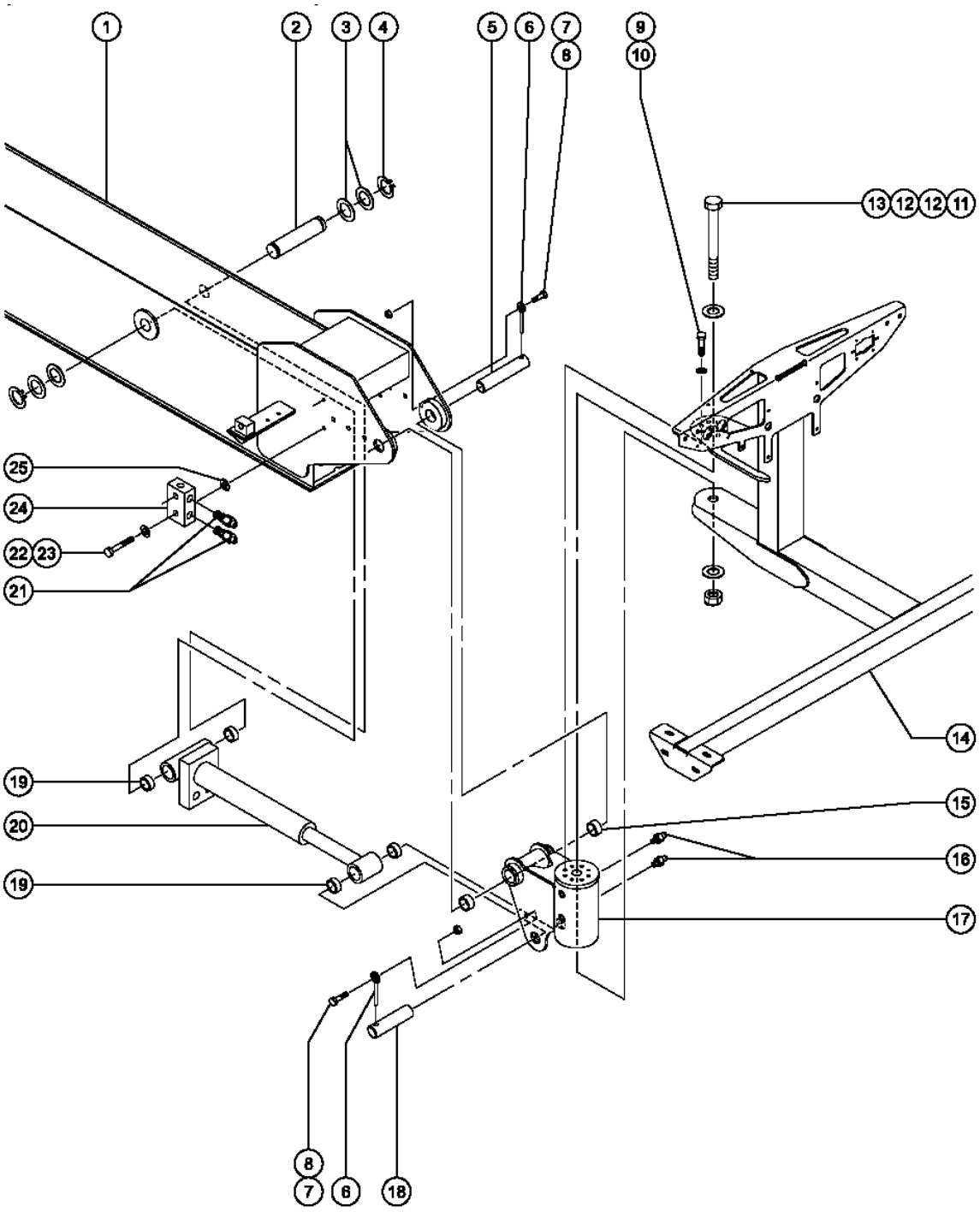
605.1 Slave Cylinder and Platform Rotator (to SN 7400)



605.1 Slave Cylinder and Platform Rotator (to SN 7400)

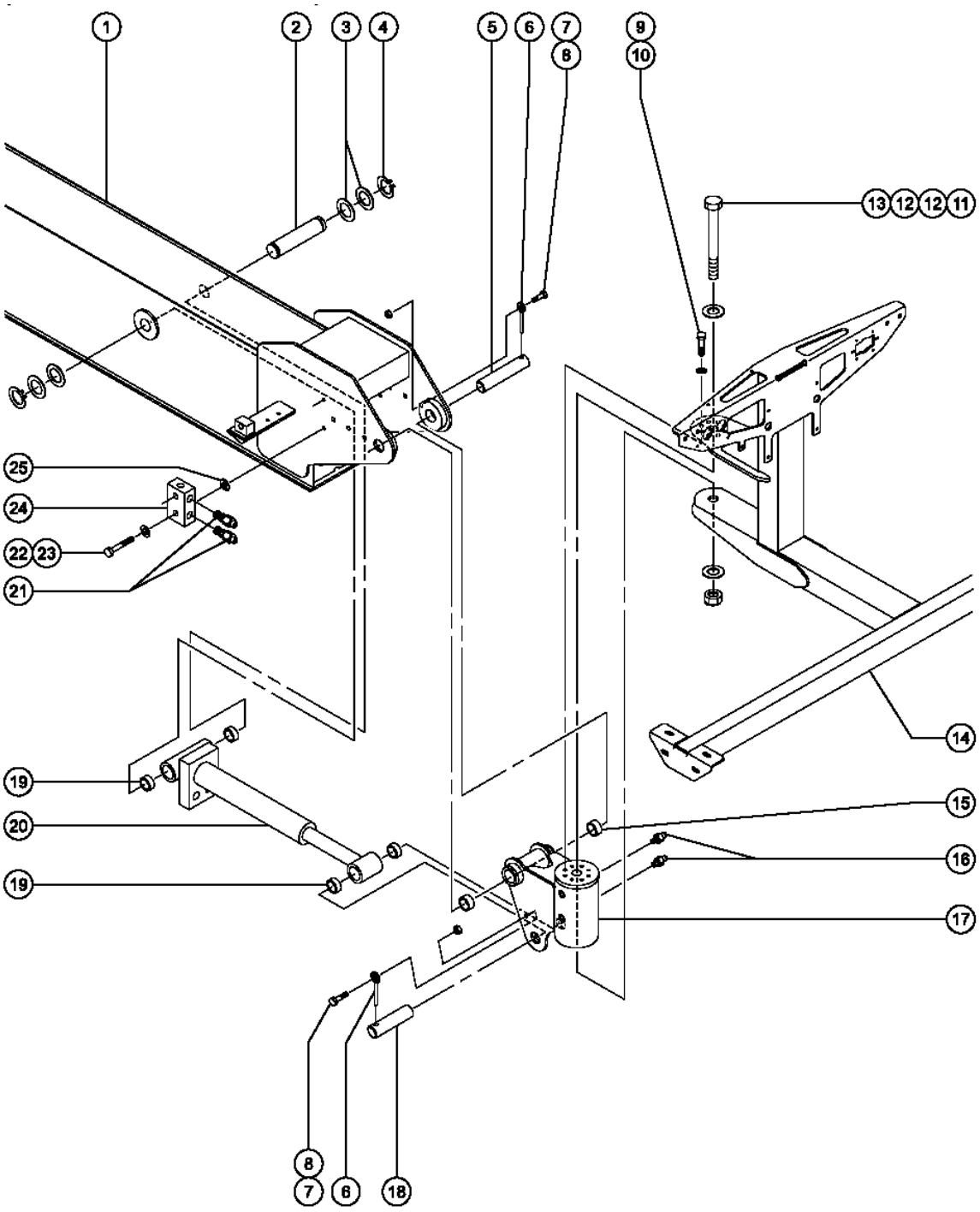
Item	Part No.	Description	Qty.
1		Ref. Boom Installation (refer to Figure 6-B)	
2	T108079GT	PIN,1.25DIAX8.30LG,2RING	1
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	4
4	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**	2
5	T108078GT	PIN,1.25DIAX9.50LG,1HOLE	1
6	825019GT	ROD END, .375X3.69, ZAG	2
7	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
8	4828GT	NUT,NYLOCK,3/8-16	2
9	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5 to SN 7024	6
9-	6175GT	SCREW,HHC,3/8-16 X 1 from SN 7025	8
10	6033GT	WASHER,LOCK,0.5" to SN 7024	6
10-	6097GT	WASHER,FLAT,USS,3/8",Y from SN 7025	8
11	30286GT	SCREW,HHC,1-8 X 12IN GRD.2*** to SN 7024	1
11-	73928GT	SCREW,HHC,1-8 X 11,GRD 5*** from SN 7025	1
12	122079GT	WASHER,FLAT,1.000,HARDENED to SN 7024	2
12-	38859GT	WASHER,FLAT,USS,1",Y from SN 7025	2
13	29764GT	NUT,NYLOCK,1-8	1
14	50144-SGT	PLATFORM SUPPORT WELDMENT*** to SN 7024	1
14-	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV* from SN 7025	1
15	30219GT	BEARING,FL,1.25ID X 1.41OD X 1	2
16	13852GT	VALVE ASSY,BLEED***	2
17	77874GT	ROTATOR ASSEMBLY,8.2K*** update kit, includes Index No's. 15 and 16; to SN 7025	1
17A-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* to SN 7025	1
17A-	122697GT	UNION, 4-4 ORFS-ORFS, 4 HLO to SN 7025	
17A-	122698GT	UNION, 6-4 ORFS-ORFS, 6-4 HLO to SN 7025	
17A-	122699GT	UNION, 4-4 ORFS-JIC, 4 XHLO to SN 7025	
17A-	27035GT	SCREW,SHC,3/8-16 X .75,BLACK to SN 7025	
17A-	48907GT	ELBOW,45D,520320-4 to SN 7025	

605.1 Slave Cylinder and Platform Rotator (to SN 7400)



Item	Part No.	Description	Qty.
17A-	49119-3378GT	HOSE ASSY,1/4,STR FEM,STR FEM to SN 7025	
17A-	6145GT	SCREW,HHC,1/4-20 X 1.5 to SN 7025	
17A-	6356GT	WASHER,LOCK,.25 to SN 7025	
17A-	73807GT	MANIFOLD,ROTATOR,CB*** to SN 7025	
17A-	77877GT	SHAFT ADAPTER, HELAC ROTATOR to SN 7025	
17A-	94398GT	ROTATOR,PLAT,NON-JIB to SN 7025 (8 bolts)	
17A-	122944GT	SEAL KIT,8K ROTATOR*** to SN 7025; for rotator 94398 (8 bolts)	
17A-	62417GT	SEAL KIT,PLAT ROTATE*** to SN 7025; for rotator 94398 (8 bolts)	
17B	111172GT	STICK BOOM ROTATOR SERVICE KIT from SN 7026 to 7400	1
17B-	122944GT	SEAL KIT,8K ROTATOR*** from SN 7026 to 7400	1
17B-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* from SN 7026 to 7400, for totator 30669 (6 bolts)	
17B-	31498GT	BEARING KIT,ROTATOR,9K*** from SN 7026 to 7400, for totator 30669 (6 bolts)	
17B-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER from SN 7026 to 7400	
17B-	122697GT	UNION, 4-4 ORFS-ORFS, 4 HLO from SN 7026 to 7400	2
17B-	48907GT	ELBOW,45D,520320-4 from SN 7026 to 7400	2
17B-	49119-3378GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN 7026 to 7400	2
17B-	6145GT	SCREW,HHC,1/4-20 X 1.5 from SN 7026 to 7400	3
17B-	6356GT	WASHER,LOCK,.25 from SN 7026 to 7400	3
17B-	73807GT	MANIFOLD,ROTATOR,CB*** from SN 7026 to 7400	1
17B-	97398GT	SCREW,PRESS.SWITCH COVER from SN 7026 to 7400	1
17C	31498GT	BEARING KIT,ROTATOR,9K*** for rotator 30669; check stamp on part prior to ordering	1
17D	75395GT	BEARING KIT,PLAT ROTATOR,SUPER for rotator 73499; check stamp on part prior to ordering	1
18	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
19	1262634GT	BUSHING,POLYGON,BM5121	4
19-	25683GT	BEARING,POLYGON,20DU12 for blue cylinder	
20	63210GT	CYLINDER,SLAVE,3 X 11.38*** includes Index No. 19	1
20-	63350GT	SEAL KIT,CYL (63210)	1
20-	33487GT	SEAL KIT,HYDRAULIC CYLINDER*** for blue cylinder	

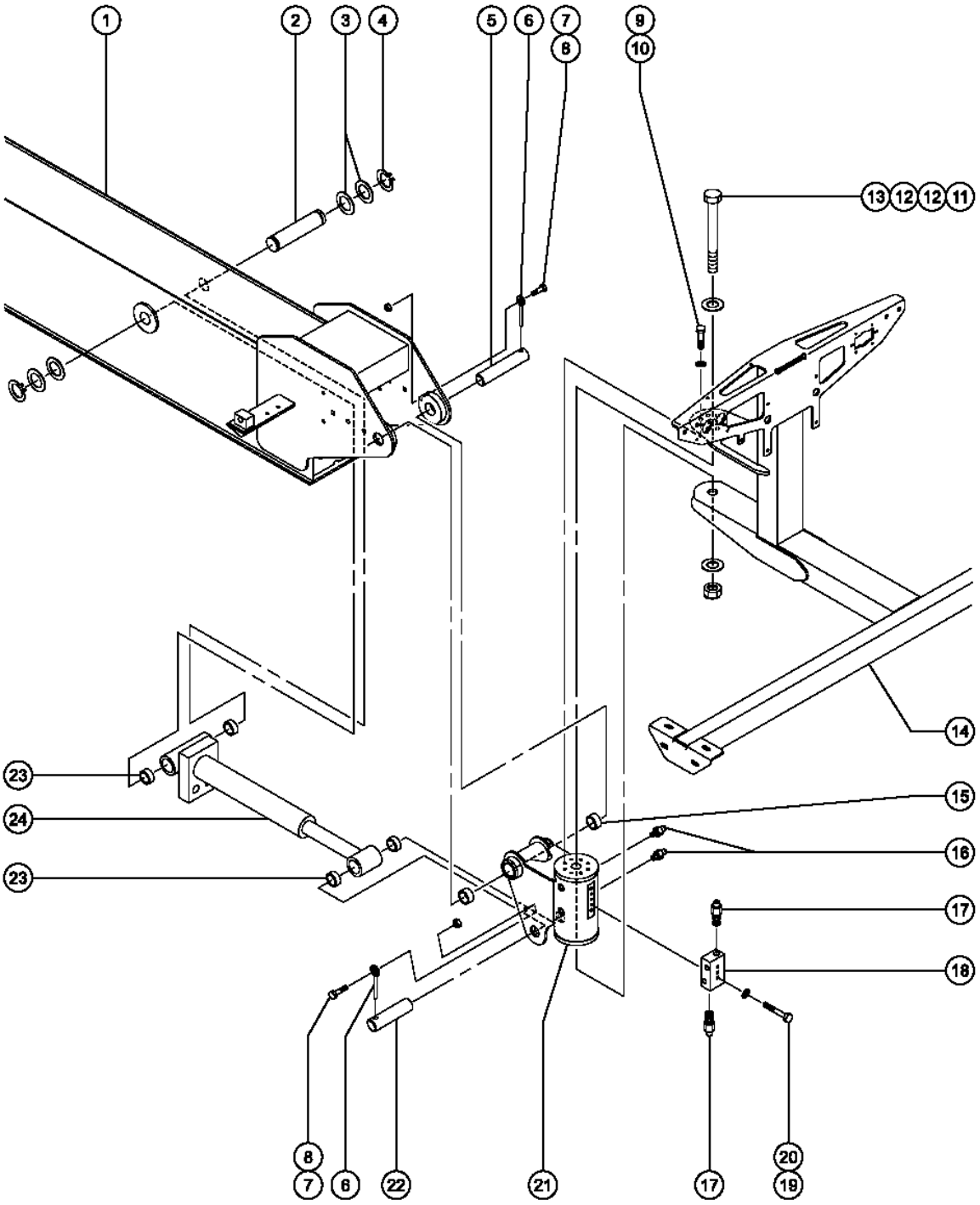
605.1 Slave Cylinder and Platform Rotator (to SN 7400)



605.1 Slave Cylinder and Platform Rotator (to SN 7400)

Item	*Part No.*	*Description*	*Qty.*
20-	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500 ..... for black cylinder (before 12/16/03)	2
20-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN ..... for black cylinder (after 12/16/03)	
20-	43169GT	VALVE,COUNTERBALANCE*** ..... for blue cylinder	2
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 ..... includes Index No. 21	1
25	6638GT	WASHER, FLAT, USS, 1/4"Y	2

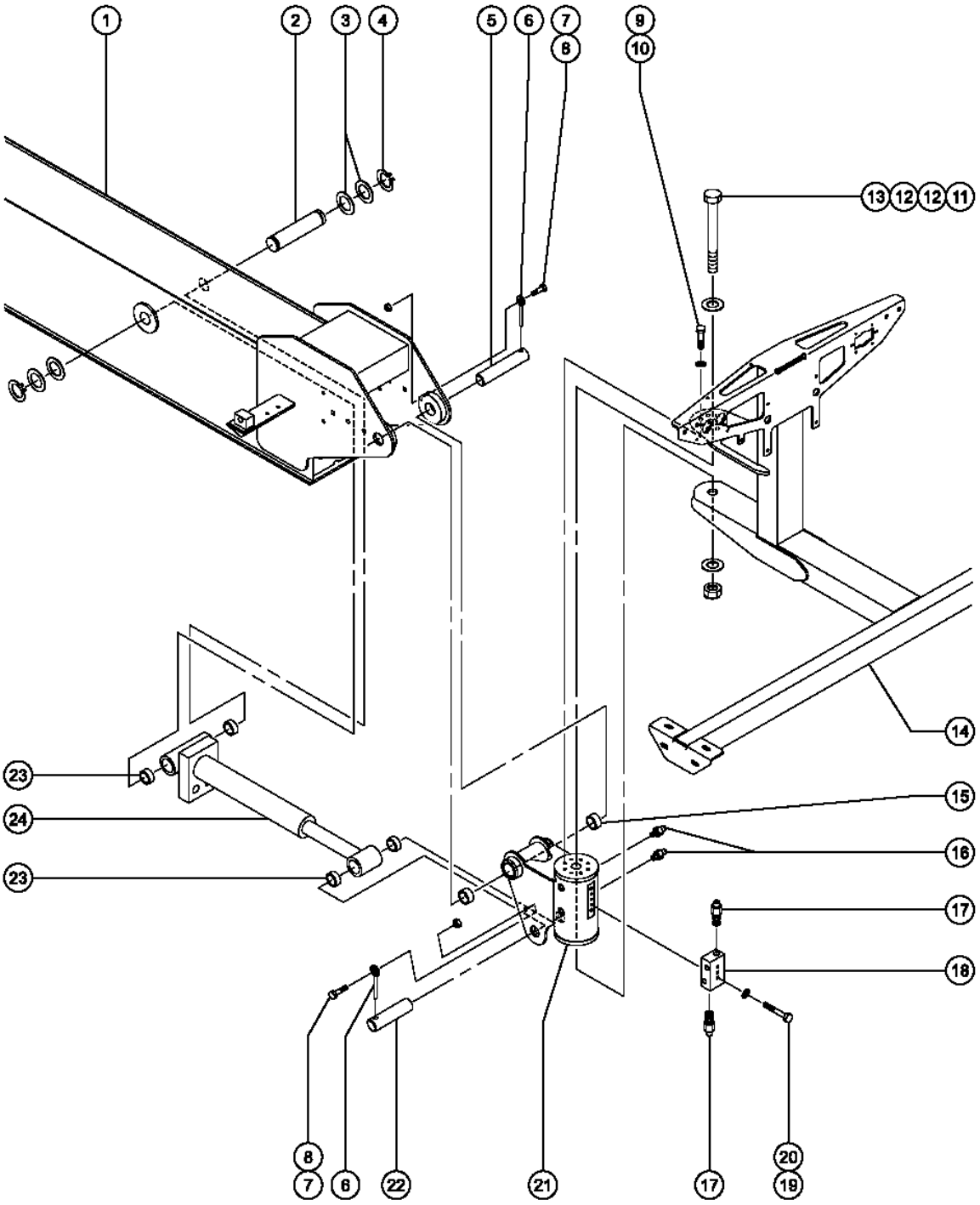
605.2 Slave Cylinder and Platform Rotator (from SN 7401)



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,1.25DIAX8.30LG,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,1.25DIAX9.50LG,1HOLE	1
6	825019GT	ROD END, .375X3.69, ZAG	2
7	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
8	4828GT	NUT,NYLOCK,3/8-16	2
9	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*** includes Index No. 17	1
19	6145GT	SCREW,HHC,1/4-20 X 1.5	3
20	6356GT	WASHER,LOCK,.25	3
21	94398GT	ROTATOR,PLAT,NON-JIB includes Index No's. 15 and 16	1
21-	122944GT	SEAL KIT,8K ROTATOR*** for rotator 94398; check stamp on part prior to ordering	
21-	62417GT	SEAL KIT,PLAT ROTATE*** for rotator 73917; check stamp on part prior to ordering	1
21-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER for rotator 73917; check stamp on part prior to ordering	1
22	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
23	1262634GT	BUSHING,POLYGON,BM5121	4
24	63210GT	CYLINDER,SLAVE,3 X 11.38*** includes Index No. 19	1
24-	63350GT	SEAL KIT,CYL (63210)	1

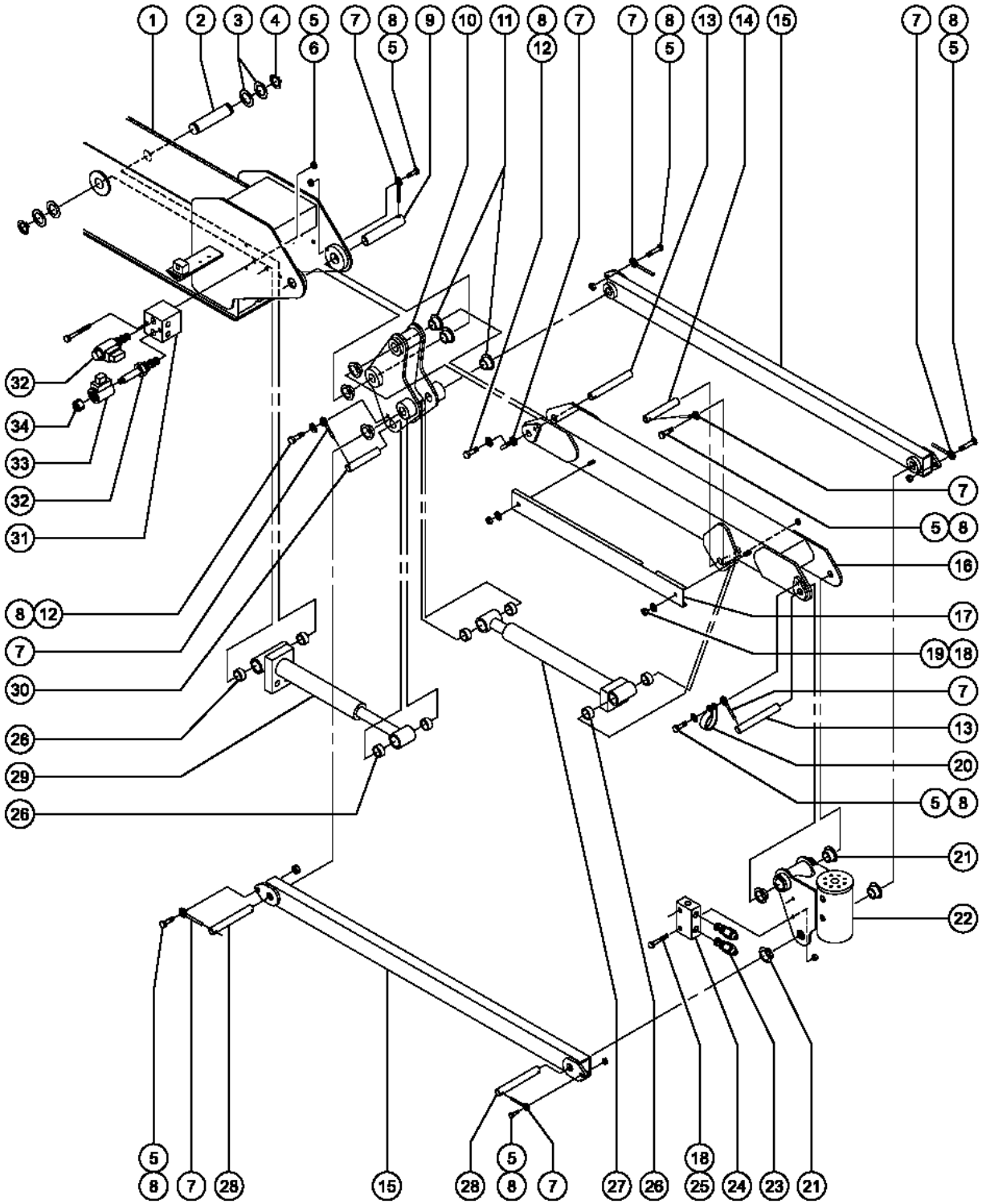
605.2 Slave Cylinder and Platform Rotator (from SN 7401)



605.2 Slave Cylinder and Platform Rotator (from SN 7401)

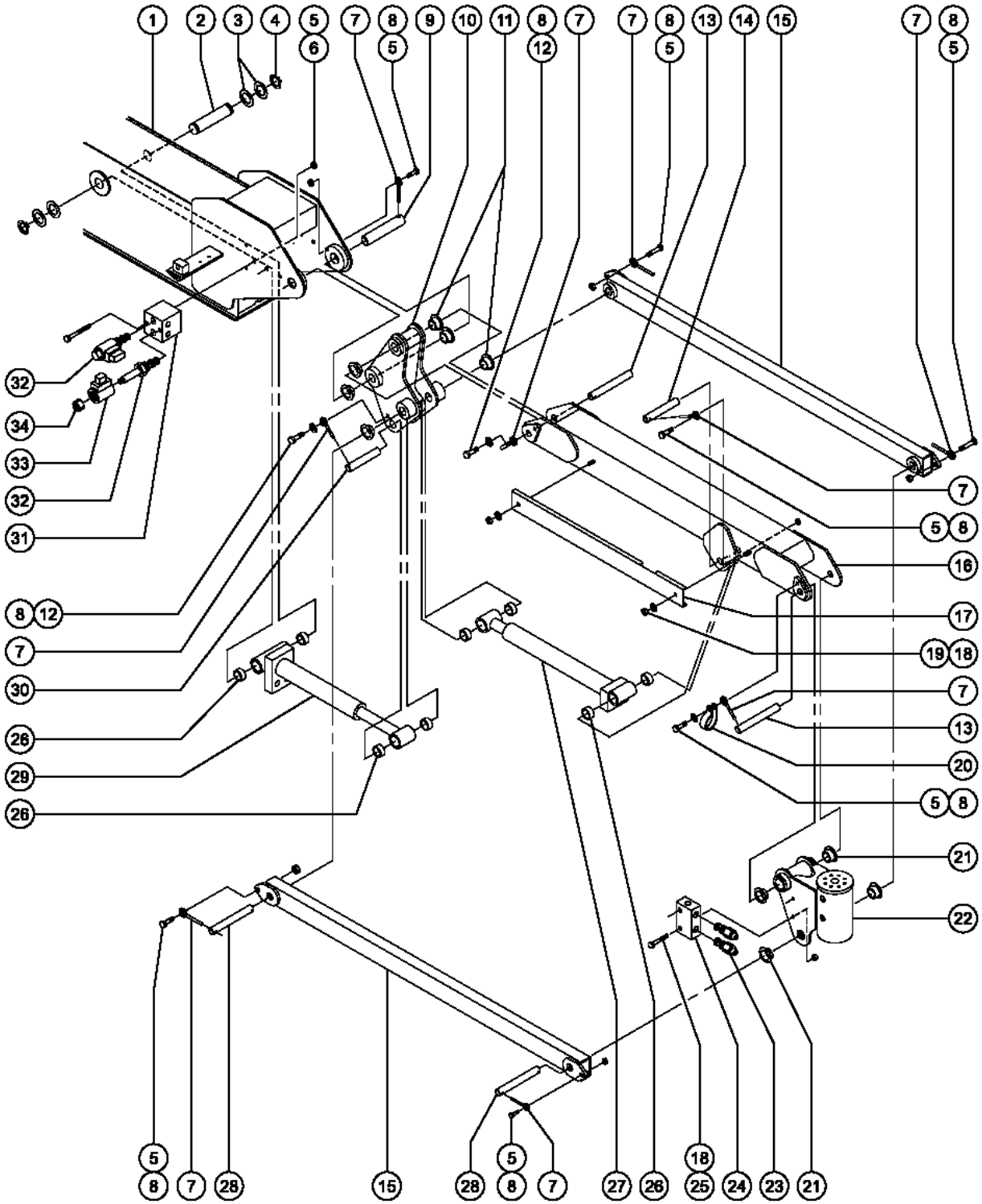
Item	*Part No.*	*Description*	*Qty.*
24-	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500 ..... for black cylinder (before 12/16/03)	2
24-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN ..... for black cylinder (after 12/16/03)	
24-	43169GT	VALVE,COUNTERBALANCE*** ..... for blue cylinder	2

606.1 Jib Boom and Platform Rotator (to SN 7400)



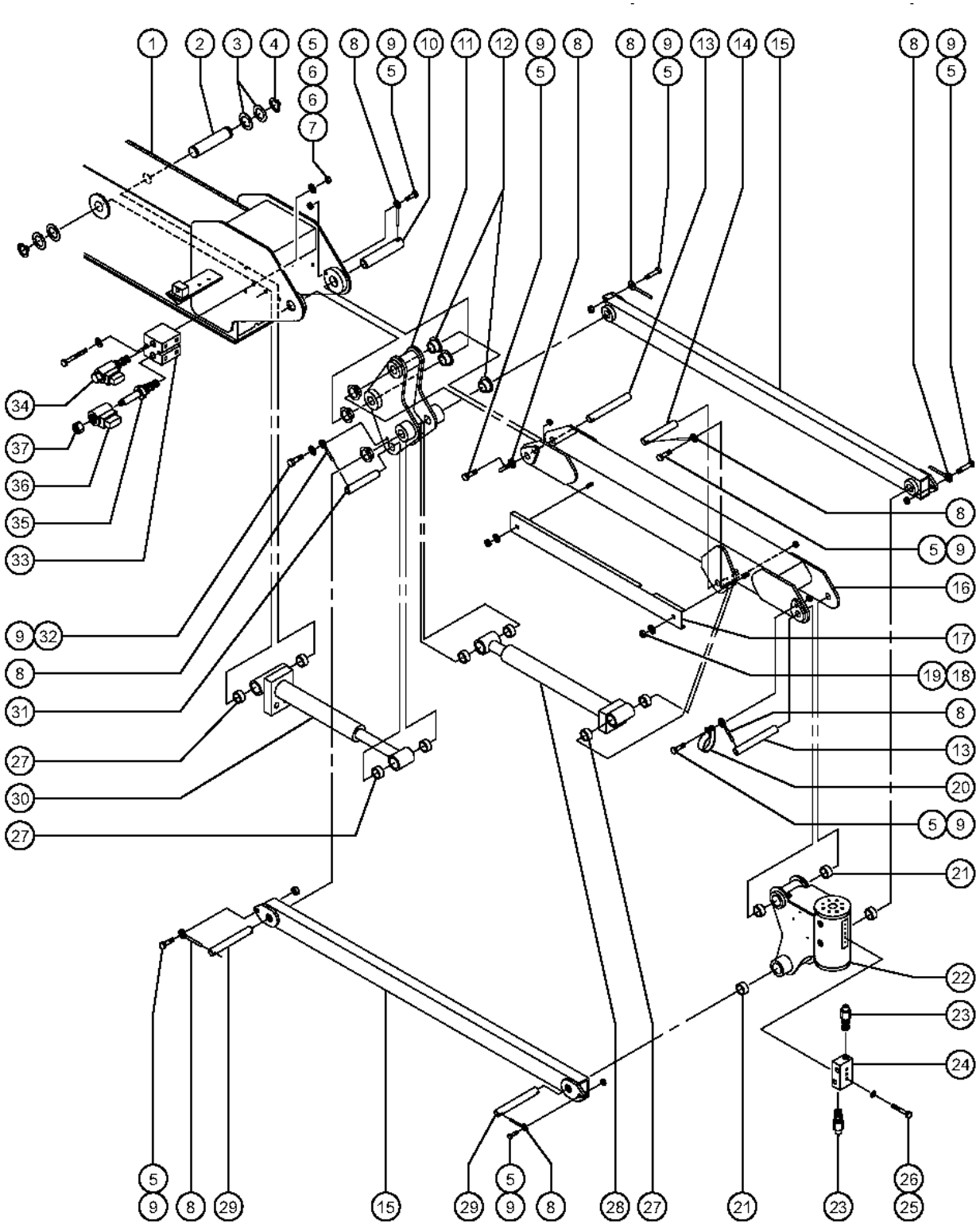
Item	Part No.	Description	Qty.
1		Ref. Boom Assembly refer to section 602.1	
2	T108079GT	PIN,1.25DIAX8.30LG,2RING	1
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	4
4	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**	2
5	4828GT	NUT,NYLOCK,3/8-16	6
6	21604GT	SCREW,HHC,3/8-16 X 3.25	2
7	825019GT	ROD END, .375X3.69, ZAG	9
8	8516GT	SCREW, HCC, 3/8-16 X 1.50	9
9	T108078GT	PIN,1.25DIAX9.50LG,1HOLE	1
10	89801GT	BELLCRANK ASSY W/BEARINGS includes Index No. 11	1
11	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	6
12	6021GT	WASHER,LOCK,.375	3
13	T108076GT	PIN,1.25DIAX7.88LG,1HOLE	2
14	T108077GT	PIN,1.25DIAX7.00LG,1HOLE	1
15	61306-SGT	COMPR.LINK,MACHINED,GND CONTR*	2
16		SERVICE KIT, 5FT JIB see section 609.1 for jib detail	1
17	54527-SGT	CABLE COVER,JIB***	1
18	6091GT	NUT, NYLOCK, 1/4-20	4
19	6356GT	WASHER,LOCK,.25	6
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*** includes Index No. 21; from SN 7025	1
22A-	122944GT	SEAL KIT,8K ROTATOR*** for rotator 94397; check stamp on part prior to ordering	
22A-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER for rotator 94397; check stamp on part prior to ordering	
22A-	88516GT	SCREW,BLEEDER,M5X0.8 for rotator 94397; check stamp on part prior to ordering	
22A-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* for rotator 30947, 74398 and 60505; check stamp on part prior to ordering	1
22A-	31498GT	BEARING KIT,ROTATOR,9K*** for rotator 30947, 74398 and 60505; check stamp on part prior to ordering	1
22A-	13852GT	VALVE ASSY,BLEED*** for rotator 30947, 74398 and 60505; check stamp on part prior to ordering	1

606.1 Jib Boom and Platform Rotator (to SN 7400)



Item	Part No.	Description	Qty.
22B	77875GT	ROTATOR ASSEMBLY,8.2K*** . includes Index No. 21; to SN 7024 (when installing PN 77875 as a replacement for rotator PN 30947, 73498 or 60505)	1
22B-	62417GT	SEAL KIT,PLAT ROTATE*** for rotator 60505	1
23	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000	2
24	30823GT	VALVE,DUAL CB MANIFOLD includes Index No. 23	1
25	8179GT	SCREW,HHC,1/4-20 X 2.25	2
26	1262634GT	BUSHING,POLYGON,BM5121	8
27	63213GT	CYLINDER,JIB (STICK BOOMS) includes 4 each Index No. 26	1
27-	63353GT	SEAL KIT,CYL,S65 (63213)	1
27-	33428GT	VALVE,COUNTERBALANCE	1
28	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
29	63210GT	CYLINDER,SLAVE,3 X 11.38*** includes 4 each Index No. 26	1
29-	63350GT	SEAL KIT,CYL (63210)	1
29-	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500 for black cylinder (before 12/16/03)	1
29-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN for black cylinder (after 12/16/03)	
29-	43169GT	VALVE,COUNTERBALANCE*** for blue cylinder	
30	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
31	73616GT	MANIFOLD,JIB SELECT*** includes Index No's. 32 through 34	1
32	29066GT	VALVE,SOLENOID,10V,2POS 3WAY** includes Index No. 33 and 34	2
33	27814GT	COIL,SOLENOID,10V	1
34	45912GT	NUT,SOLENOID VALVE 2P3W	1

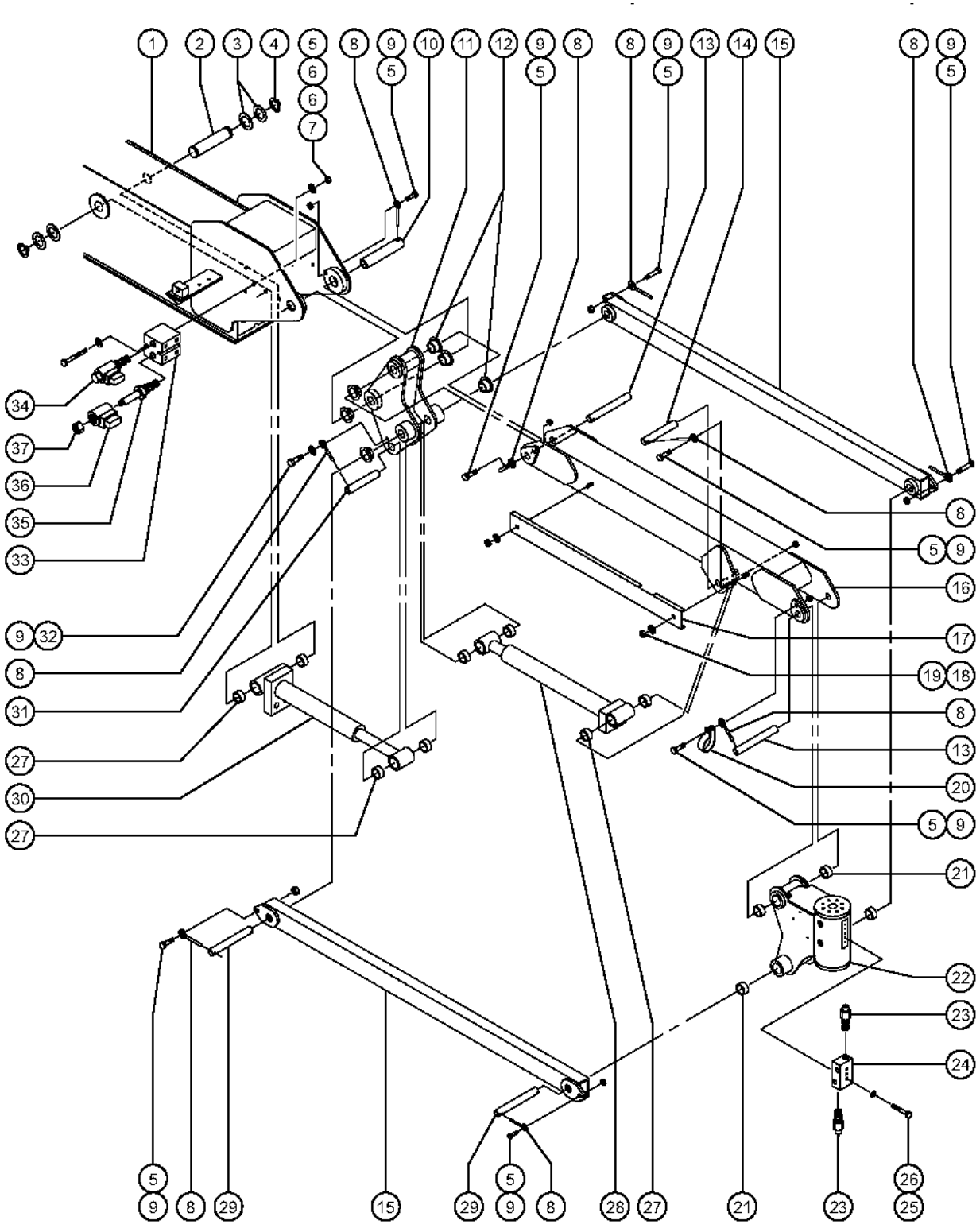
606.2 Jib Boom and Platform Rotator (from SN 7401)



606.2 Jib Boom and Platform Rotator (from SN 7401)

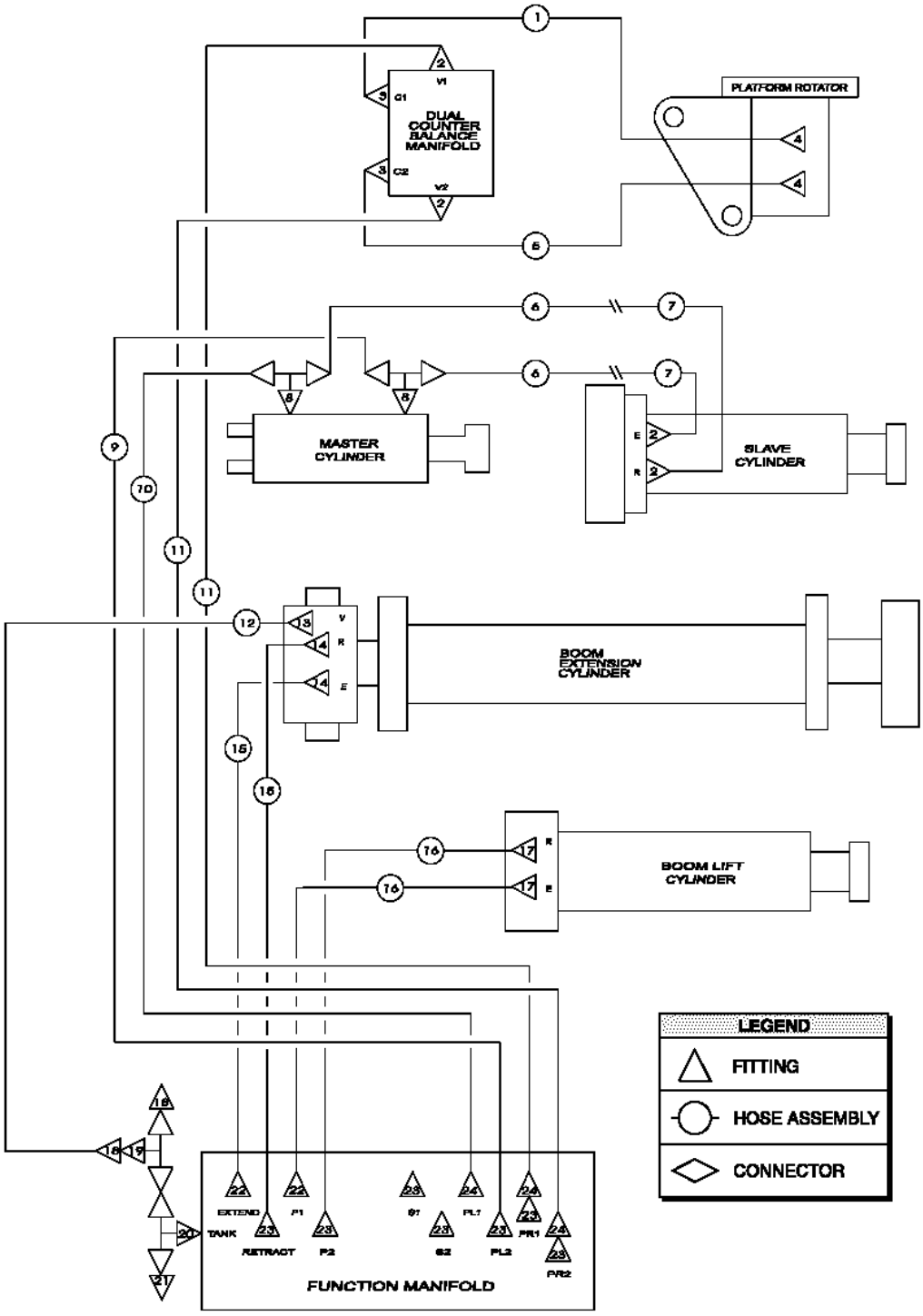
Item	Part No.	Description	Qty.
1		Ref. Boom Assembly refer to section 602.1	
2	T108079GT	PIN,1.25DIAX8.30LG,2RING	1
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	4
4	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**	2
5	4828GT	NUT,NYLOCK,3/8-16	6
6	54355GT	WASHER,FLAT,SAE,3/8",Y	2
7	21604GT	SCREW,HHC,3/8-16 X 3.25	2
8	825019GT	ROD END, .375X3.69, ZAG	9
9	8516GT	SCREW, HCC, 3/8-16 X 1.50	9
10	T108078GT	PIN,1.25DIAX9.50LG,1HOLE	1
11	89801GT	BELLCRANK ASSY W/BEARINGS includes Index No. 12	1
12	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	6
13	T108076GT	PIN,1.25DIAX7.88LG,1HOLE	2
14	T108077GT	PIN,1.25DIAX7.00LG,1HOLE	1
15	61306-SGT	COMPR.LINK,MACHINED,GND CONTR*	2
16		SERVICE KIT, 5FT JIB see section 609.1 for jib detail	1
17	54527-SGT	CABLE COVER,JIB***	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*** includes Index No. 21	1
22-	122944GT	SEAL KIT,8K ROTATOR*** for rotator 94397; check stamp on part prior to ordering	
22-	88516GT	SCREW,BLEEDER,M5X0.8 for rotator 94397; check stamp on part prior to ordering	
22-	62417GT	SEAL KIT,PLAT ROTATE*** for rotator 60505; check stamp on part prior to ordering	1
22-	106421GT	SEAL KIT,ARCTIC,ROTATOR 8.2K** for rotator 60505; check stamp on part prior to ordering	
22-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER	1
22-	13852GT	VALVE ASSY,BLEED*** for rotator 60505; check stamp on part prior to ordering	1

606.2 Jib Boom and Platform Rotator (from SN 7401)



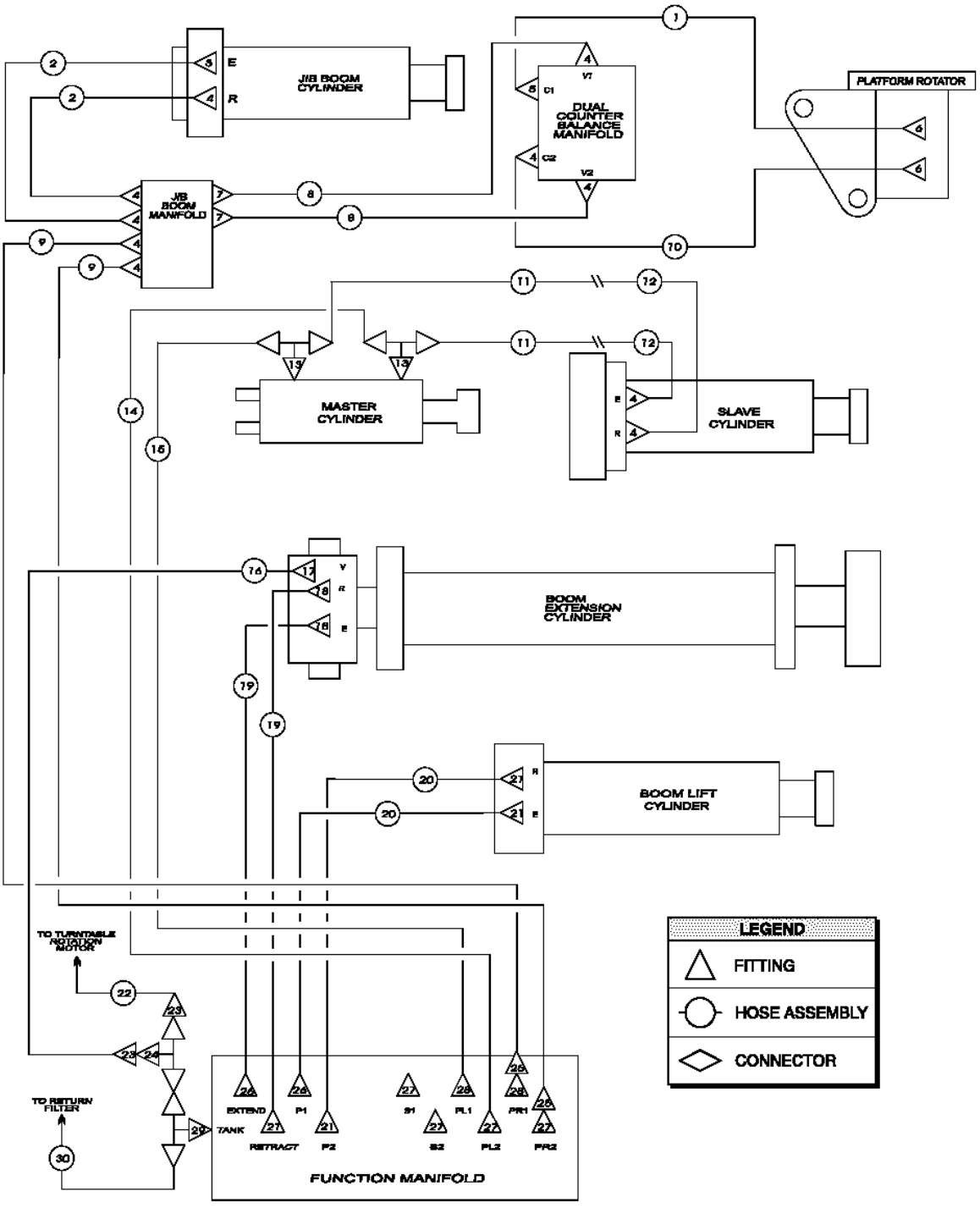
Item	Part No.	Description	Qty.
23	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000	2
24	30823GT	VALVE,DUAL CB MANIFOLD includes Index No. 23	1
25	8179GT	SCREW,HHC,1/4-20 X 2.25	3
26	6356GT	WASHER,LOCK,.25	9
27	1262634GT	BUSHING,POLYGON,BM5121	8
28	63213GT	CYLINDER,JIB (STICK BOOMS) includes 4 each Index No. 27	1
28-	63353GT	SEAL KIT,CYL,S65 (63213)	1
28-	33428GT	VALVE,COUNTERBALANCE	1
29	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
30	63210GT	CYLINDER,SLAVE,3 X 11.38*** includes 4 each Index No. 27	1
30-	63350GT	SEAL KIT,CYL (63210)	1
30-	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500 for black cylinder (before 12/16/03)	1
30-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN for black cylinder (after 12/16/03)	
30-	43169GT	VALVE,COUNTERBALANCE*** for blue cylinder	
31	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
32	6021GT	WASHER,LOCK,.375	3
33	73616GT	MANIFOLD,JIB SELECT*** includes Index No's. 34 through 37	1
34	83005GT	VALVE, SOLENOID (73616)-SHORT includes Index No's. 36 and 37	1
35	83006GT	VALVE, SOLENOID (73616)-LONG** includes Index No's. 36 and 37	1
36	81043GT	COIL,SOLENOID,8 DSD 10V,W/DIO*	1
37	45912GT	NUT,SOLENOID VALVE 2P3W	1

607.1 Hydraulic Hoses and Fittings - S-60



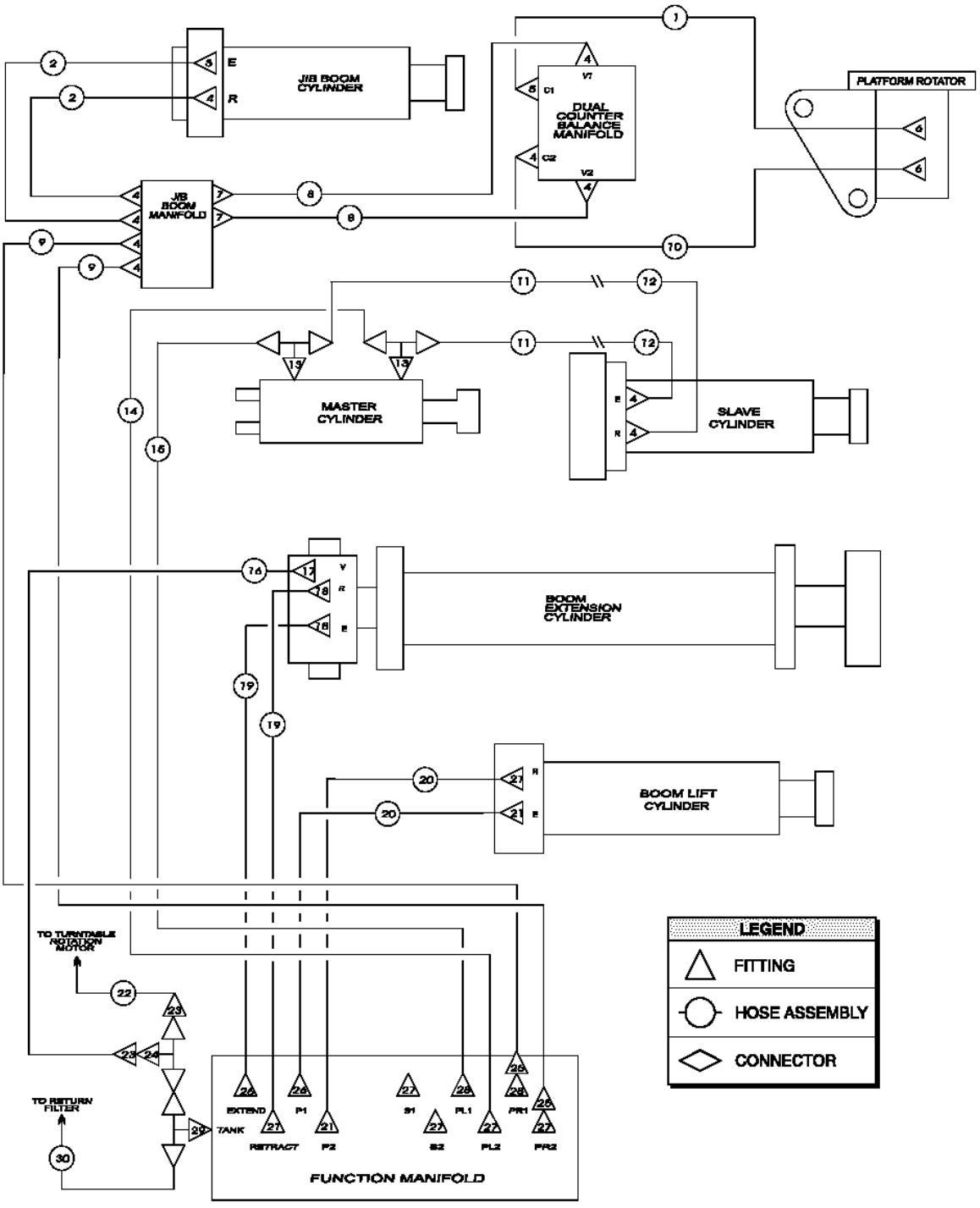
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	49119-2550-SGT	HOSE ASSY,1/4,STR FEM,STR FEM	1
2	48912GT	CONN,520120-4-6***	4
3	48911GT	ELBOW,90D,520220-4-6***	2
4	48802GT	HOSE END,FEM SW,90D,ORFS,-4***	2
5	49117-3200GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
6	49118-73708GT	HOSE ASSEMBLY,1/4"	2
7	49184-2476-SGT	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	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



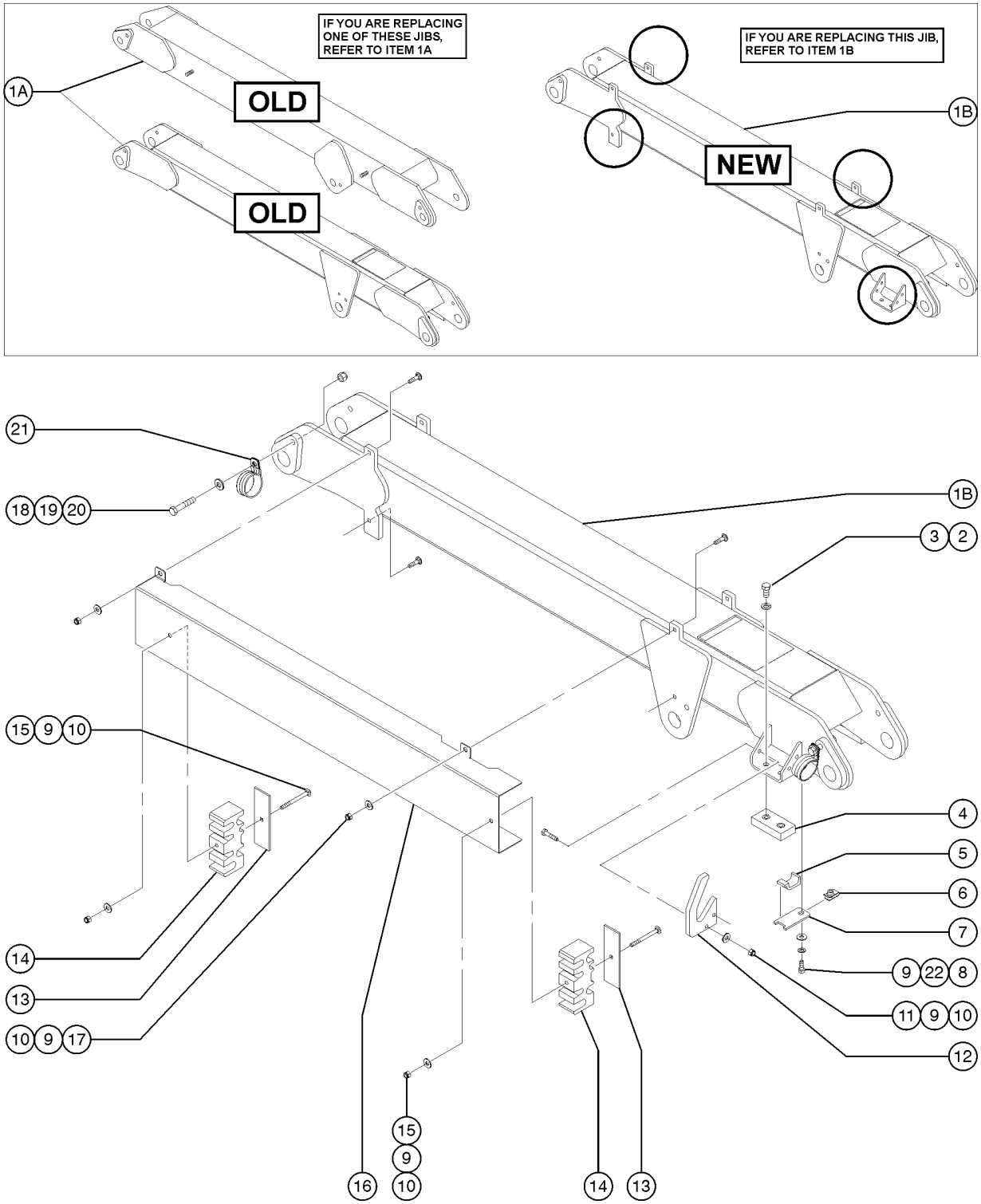
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	49119-2550-SGT	HOSE ASSY,1/4,STR FEM,STR FEM	1
2	49120-8500GT	HOSE ASSEMBLY-1/4"	2
3	48900GT	CONN,520120-4-6,.035,ORI	1
4	48912GT	CONN,520120-4-6***	10
5	48911GT	ELBOW,90D,520220-4-6***	1
6	48886GT	CONNECTOR,520120-4 SPEC.	2
7	48913GT	CONN,520120-12-16	2
8	49119-8500GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
9	49112-83900GT	HOSE ASSEMBLY-1/4"	2
10	49120-3200-SGT	HOSE ASSEMBLY,1/4"	1
11	49118-73500GT	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	49116-15900GT	HOSE ASSY,1/4,45 FEM,STR FEM	1
17	48907GT	ELBOW,45D,520320-4	1
18	48937GT	ELBOW,45D,520320-8	2
19	49109-16500-SGT	HOSE ASSY,1/2,90 FEM,STR FEM	2
20	49109-8550-SGT	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

608.1 Hydraulic Hoses and Fittings - S-65



Item	Part No.	Description	Qty.
27	48916GT	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

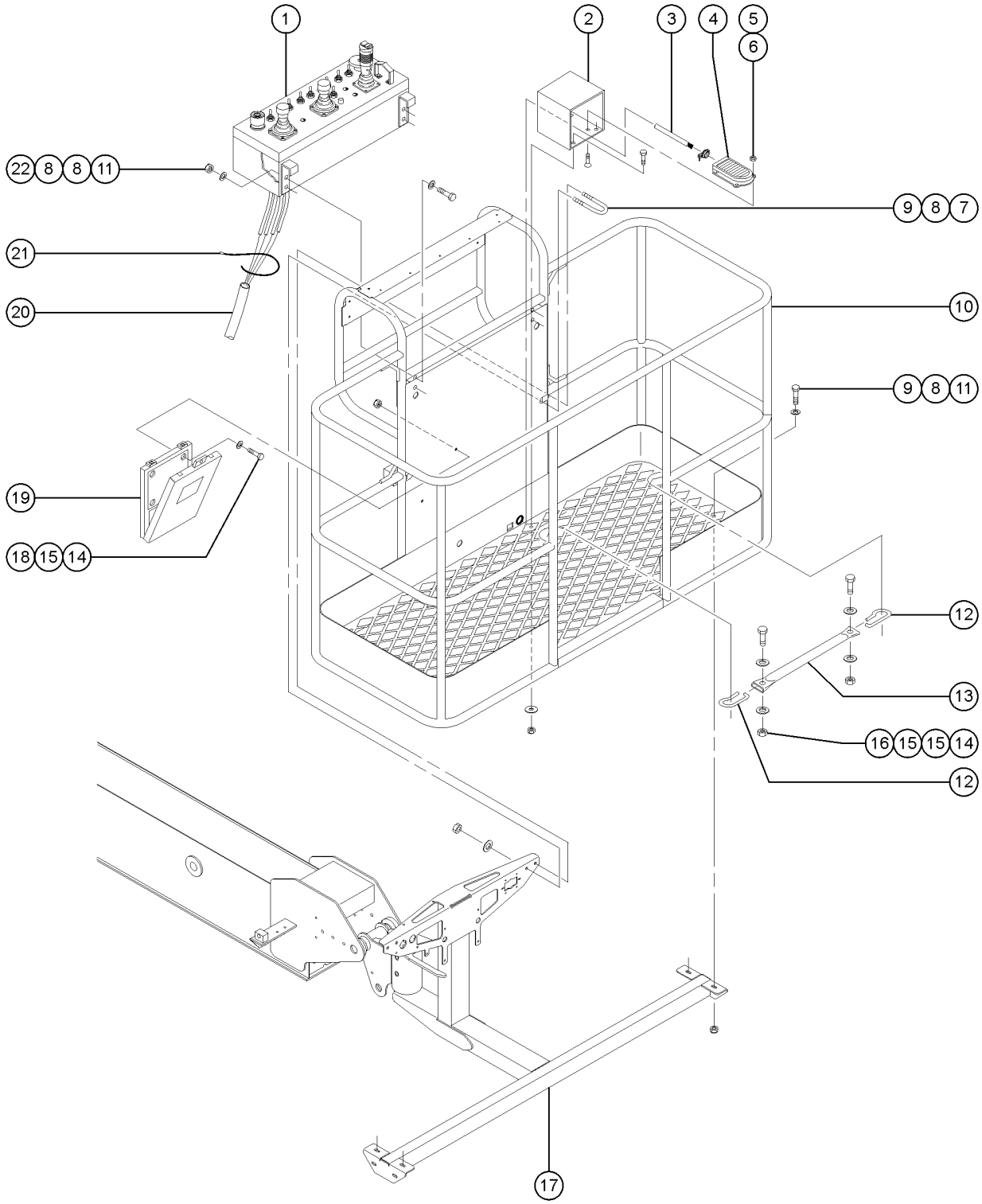
609.1 Jib Detail, S-65



609.1 Jib Detail, S-65

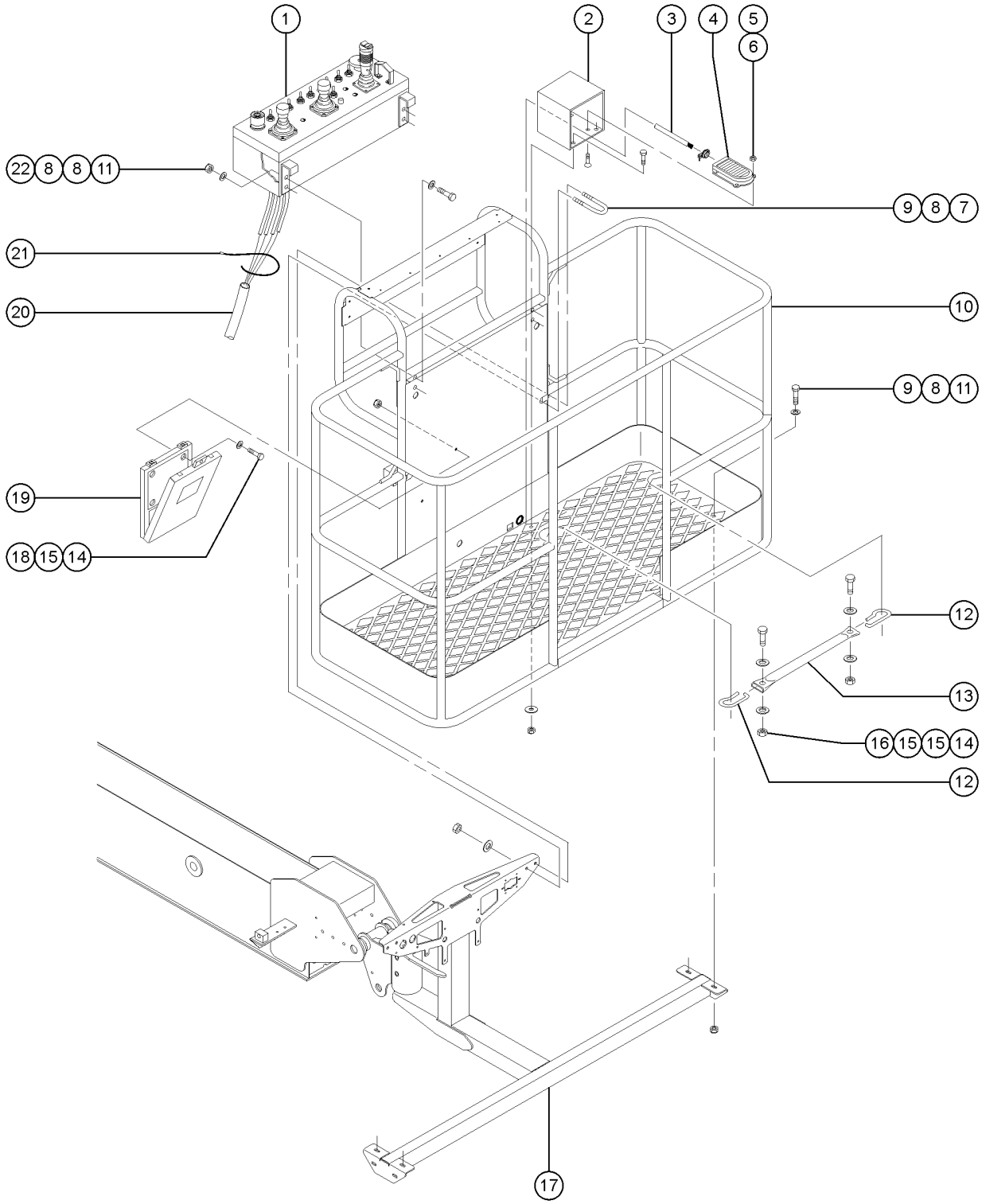
Item	Part No.	Description	Qty.
1A	128513GT	SERVICE KIT,5FT JIB required for first time replacement (includes part number 128534)	
1B	128534GT	JIB BOOM ASSY W/WORD DECAL use ONLY if service kit 128513 has been installed on the machine	1
2	8255GT	SCREW,HHC,3/8-16 X .75	
3	6021GT	WASHER,LOCK,.375	
4	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	1
5	119542GT	CLAMP,TWO HOSE	1
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
7	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1
8	6888GT	SCREW,HHC,1/4-20 X 1	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	6091GT	NUT, NYLOCK, 1/4-20	
11	8915GT	SCREW,HHC,1/4-20 X 1.25	
12	128482GT	HOSE GUIDE, JIB	1
13	128483GT	BACKING PLATE, HOSE BLOCK, JIB	2
14	128501GT	CLAMP,JIB HOSE/CABLE	2
15	128724GT	BOLT,CARRIAGE,1/4-20 X 2.75,G2	
16	128454PGT	COVER, JIB HOSES/CABLES	1
17	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	
18	5224GT	SCREW,HHC,3/8-16 X 2	
19	5397GT	WASHER,FLAT,USS,5/16",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, S-60



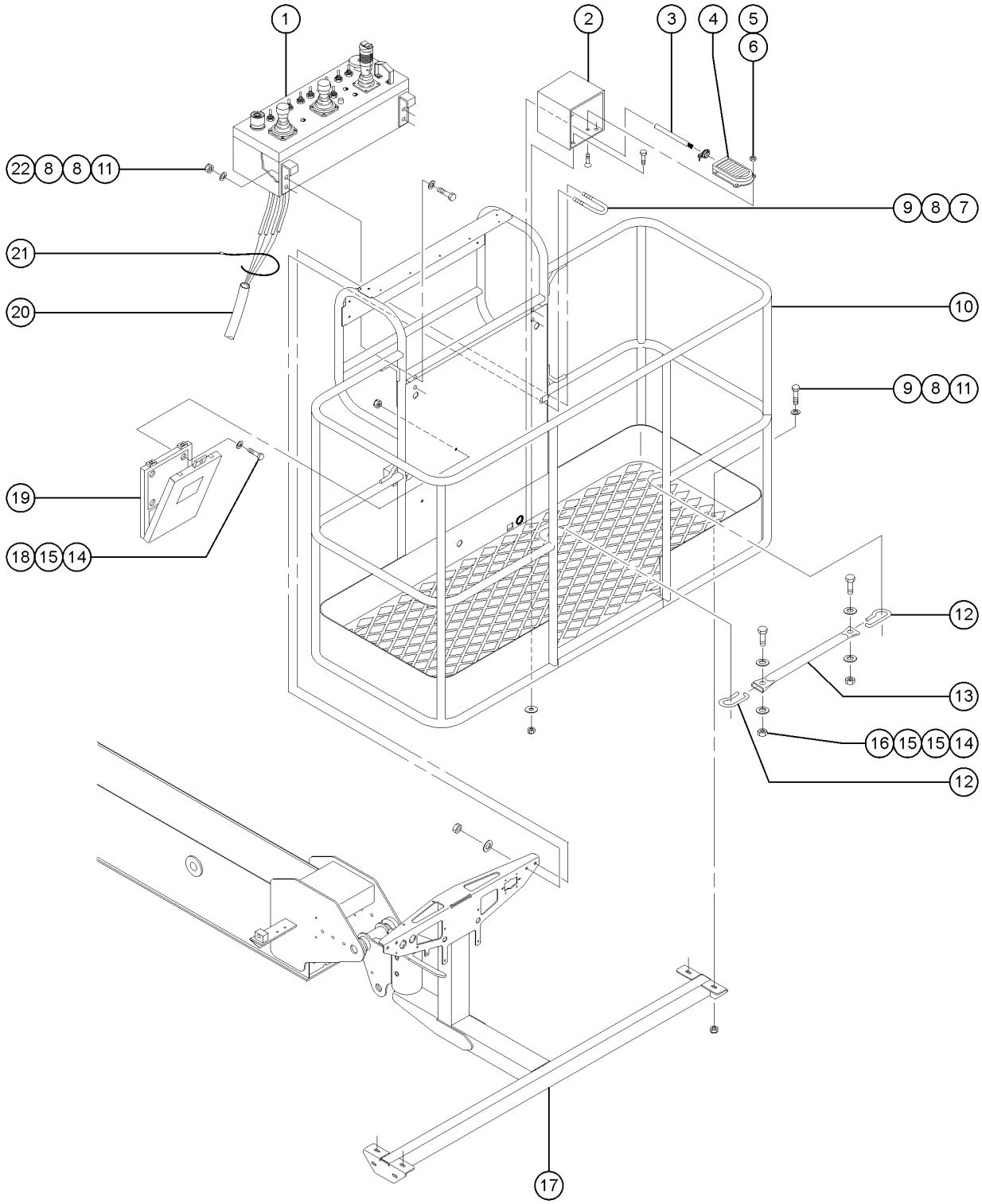
Item	Part No.	Description	Qty.
1		Ref. Platform Controls refer to sections 702.1 or 703.1	
2	32710GT	GUARD,FOOTSWITCH,W/DECAL STEEL	1
3	43960GT	WIRE CABLE,16/4 CON.TPE JKT	15 8.4
4	73233GT	ASSEMBLY,FOOT SWITCH*** includes mounting fasteners	1
4-	13482GT	FOOT SWITCH*** for PN 73233	
4-	20262GT	MICROSWITCH,13482 FOOTSWITCH for PN 73233	1
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
10	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK Complete 6' platform assembly (North America, Australia markets). Order decals separately. Refer to Section 100. Includes Index No's. 12 through 16	1
10	1278858GT	6' PLATFORM W/SIDE SWING GATE KIT CE Complete 6' platform assembly (CE market). Order decals separately. Refer to Section 100.	
10A-	1272304GT	ASSY,8FT PLAT TRI LG,BLANK	
10A-	40170GT	TOEBOARD (PLAT. ENTRY ALUMN)	1
10A-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*	1
10B-	52083GT	PLAT.ASSY,EURO,8 FT,S40/60 includes Index No's. 12 through 16	1
10B-	40170GT	TOEBOARD (PLAT. ENTRY ALUMN)	1
10B-	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 includes Index No's. 12, 14, 15 and 16	1
13-	53819GT	TUBE,SLIDING MIDRAIL,20.69 IN	1
13-	20973GT	WIRE LOOM,3/8 POLY SLIT	1
13-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	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

701.1 Platform Installation, S-60



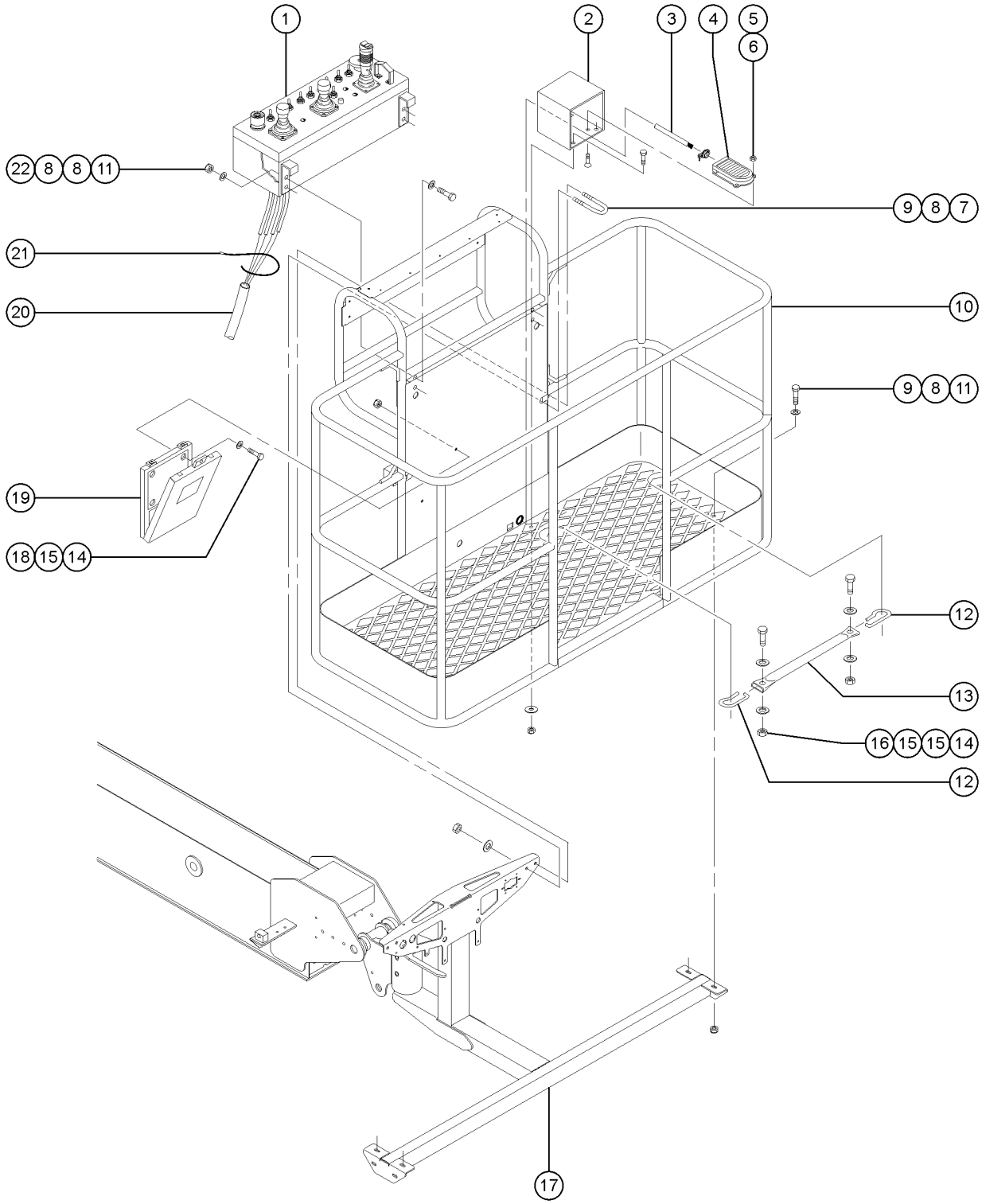
Item	*Part No.*	*Description*	*Qty.*
17	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV* ..... from SN 7025	1
17-	50144-SGT	PLATFORM SUPPORT WELDMENT*** ..... to SN 7024	1
18	6888GT	SCREW,HHC,1/4-20 X 1	4
19	44743GT	MANUAL BOX W/DECALS***	1
20A	28131GT	WIRE LOOM,1.25 DIA ..... S-60 models	66
21	28443GT	CABLE TIE, 11.5" BLACK	8
22	7713GT	NUT, LP NYLOCK, 3/8-16	4

701.2 Platform Installation, S-65



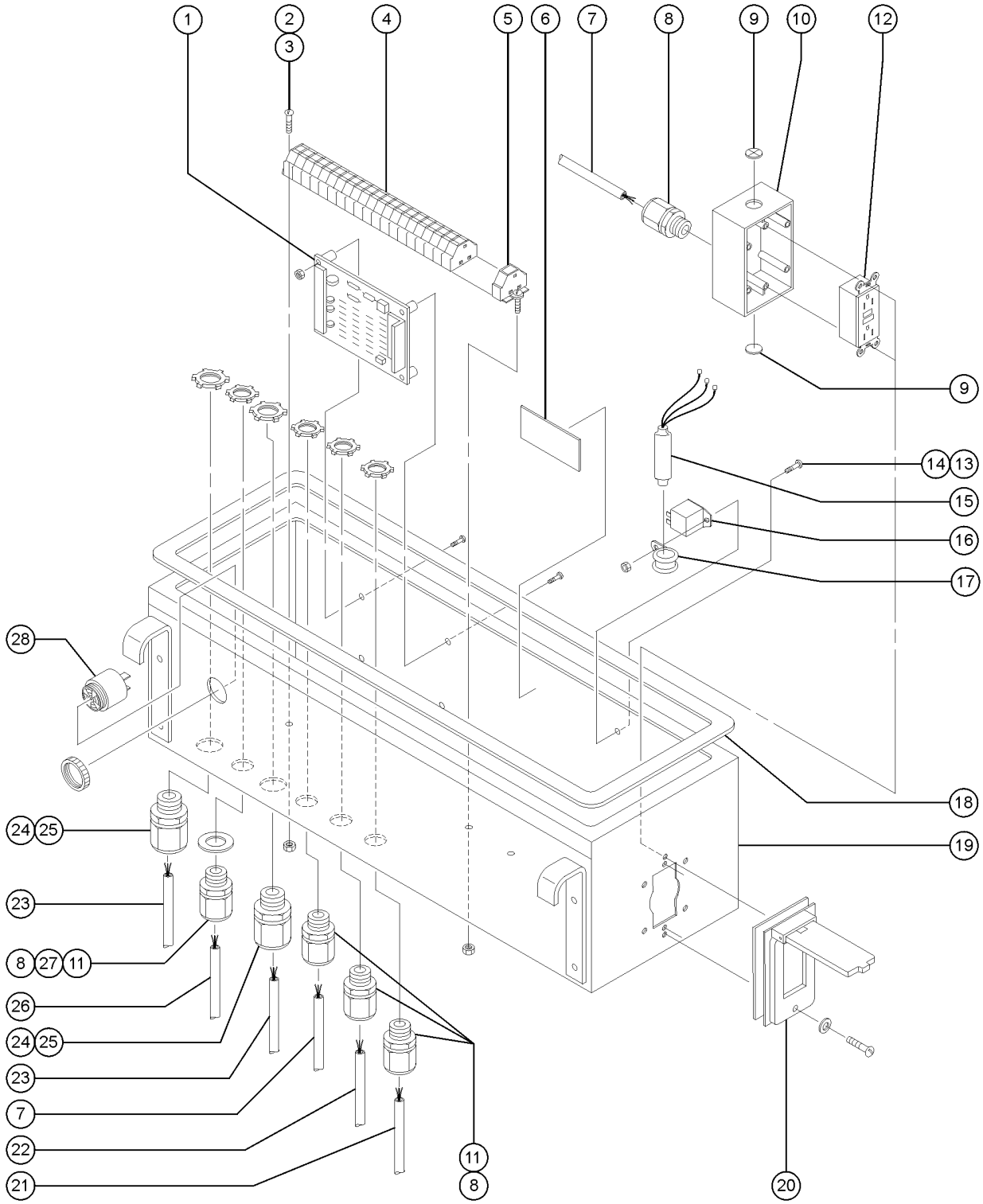
Item	Part No.	Description	Qty.
1		Ref. Platform Controls refer to sections 702.1 or 703.1	
2	32710GT	GUARD,FOOTSWITCH,W/DECAL STEEL	1
3	43960GT	WIRE CABLE,16/4 CON.TPE JKT	12 8.4
4	73233GT	ASSEMBLY,FOOT SWITCH*** includes mounting fasteners	1
4-	13482GT	FOOT SWITCH*** for PN 73233	
4-	20262GT	MICROSWITCH,13482 FOOTSWITCH for PN 73233	1
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
10	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK Complete 6' platform assembly (North America, Australia markets). Order decals separately. Refer to Section 100. Includes Index No's. 12 through 16	1
10	1278858GT	6' PLATFORM W/SIDE SWING GATE KIT CE Complete 6' platform assembly (CE market). Order decals separately. Refer to Section 100.	
10A-	52081GT	PLAT.ASSY,EURO,6 FT,S40/60/80 includes Index No's. 12 through 16	1
10A-	40170GT	TOEBOARD (PLAT. ENTRY ALUMN)	1
10A-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*	1
10B-	1272304GT	ASSY,8FT PLAT TRI LG,BLANK	
10B-	52083GT	PLAT.ASSY,EURO,8 FT,S40/60 includes Index No's. 12 through 16	1
10B-	40170GT	TOEBOARD (PLAT. ENTRY ALUMN)	1
10B-	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 includes Index No's. 12, 14, 15 and 16	1
13-	53819GT	TUBE,SLIDING MIDRAIL,20.69 IN	1
13-	20973GT	WIRE LOOM,3/8 POLY SLIT	1
13-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	1
14	6091GT	NUT, NYLOCK, 1/4-20	10
15	6638GT	WASHER, FLAT, USS, 1/4"Y	14

701.2 Platform Installation, S-65



Item	*Part No.*	*Description*	*Qty.*
16	8915GT	SCREW,HHC,1/4-20 X 1.25	2
17	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV* from SN 7025	2
17-	50144-SGT	PLATFORM SUPPORT WELDMENT*** to SN 7024	1
18	6888GT	SCREW,HHC,1/4-20 X 1	4
19	44743GT	MANUAL BOX W/DECALS***	1
20	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') S-65 models	66
21	28443GT	CABLE TIE, 11.5" BLACK	8
22	7713GT	NUT, LP NYLOCK, 3/8-16	4

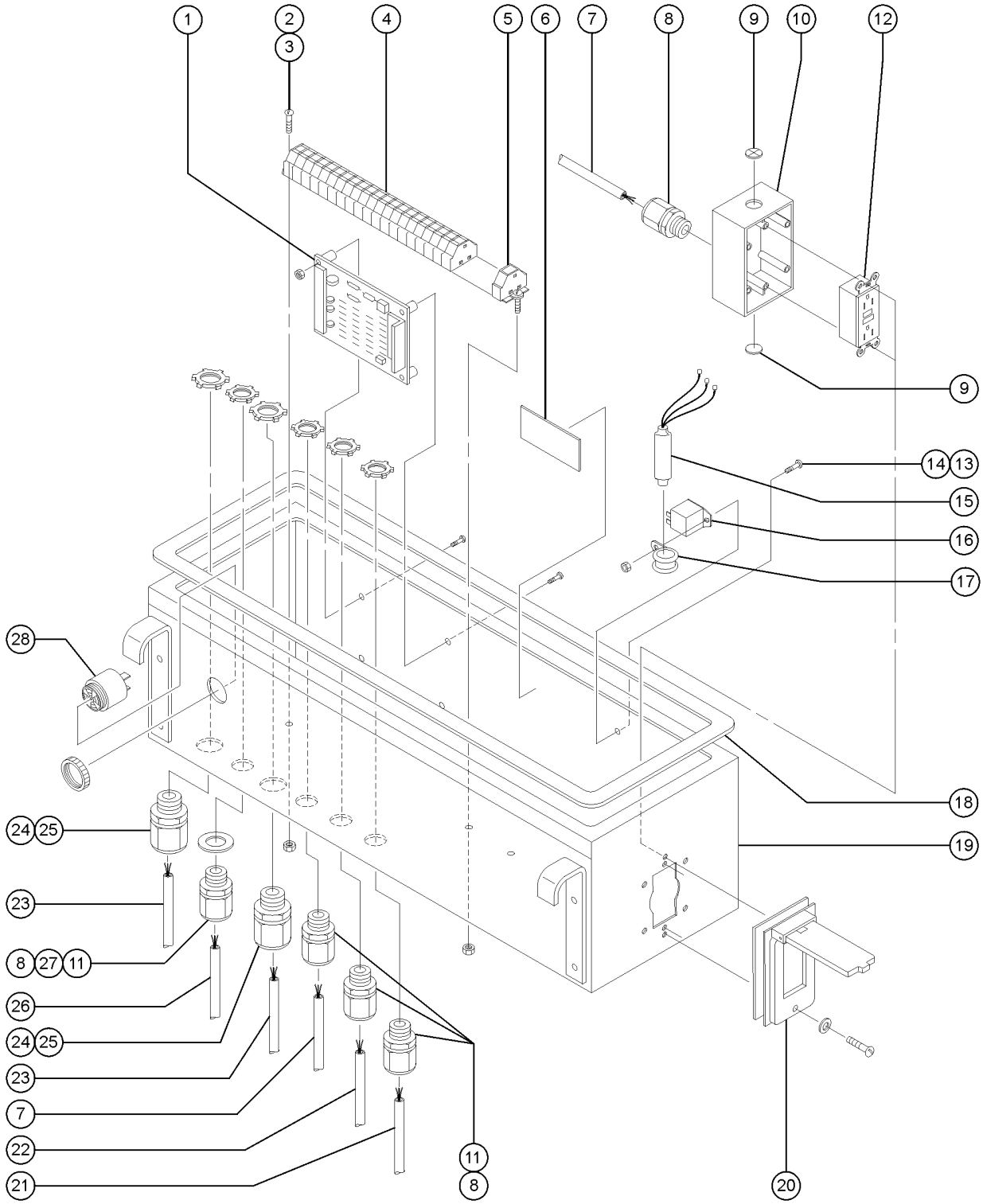
702.1 Platform Controls - View 1 (to SN 7837), S-60



702.1 Platform Controls - View 1 (to SN 7837), S-60

Item	Part No.	Description	Qty.
1		LIMITER PC BOARD, HORSEPOWER (includes mounting fasteners), no longer available	1
1-	39591GT	SPACER,NYLON,.375 sold separately	4
2	45546GT	SCREW,RHM,6-32 X .5	2
3	12344GT	NUT,NYLOCK,6-32	2
4	32637GT	TERMINAL BLOCK,WAGO	45
5	32639GT	END PLATE,WAGO	1
6	30997GT	CORROSION INHIBITOR,FOAM	1
7	43955GT	WIRE CABLE,12/3 CON.TPE JKT S-60 to SN 7382 (black, white, brown)	984
7A-	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL S-60 from SN 7383	984
8	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM S-60; shown	4
9	8843GT	COVER,KNOCK OUT HOLE,4 PER BAG	2
10	10775GT	T-BOX,2.75 X 4.5 X 2.0	1
11	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT S-60	4
12	13585GT	OUTLET 110V	1
12-	35003GT	RECEPTACLE, BRITISH, 110V	1
13	5094GT	SCREW,RHM,10-32 X .5	1
14	6178GT	NUT, NYLOCK, 10-32	1
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. includes Index No. 18; to SN 3099	1
19-	58003-SGT	PLAT CNTL BOX,W/DECAL,S60/80 includes Index No. 18; from SN 3100	1
20	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners	1
20-	33629GT	PLATE,UK POWER TO PLATFORM	1
20-	33724GT	KIT,GASKET,UK POWER TO PLAT	1
21	43960GT	WIRE CABLE,16/4 CON.TPE JKT	66
22	43960GT	WIRE CABLE,16/4 CON.TPE JKT	186
23	48533GT	WIRE CABLE,18GA/19 CON.BNDREX S-60	984
24	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	2

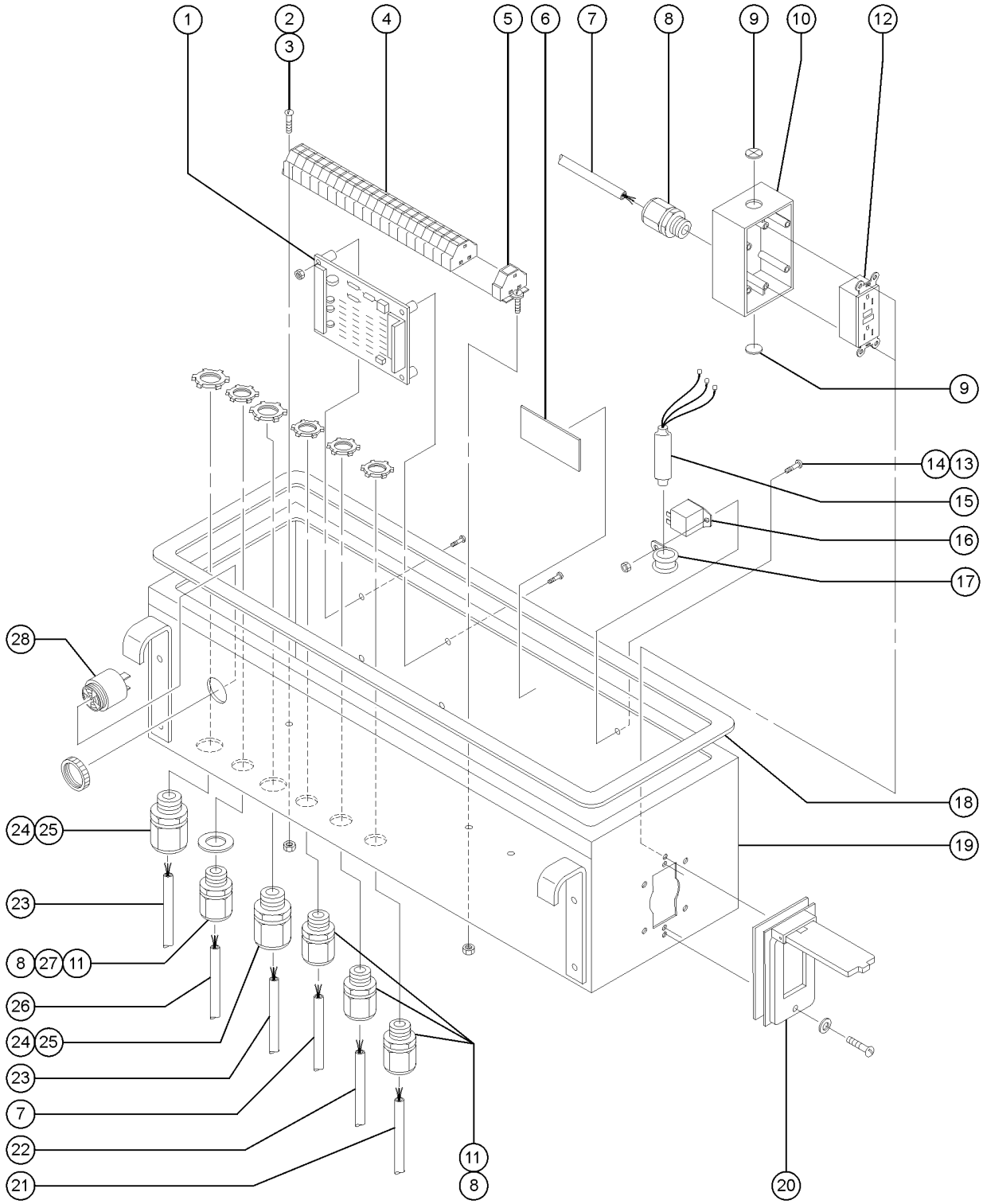
702.1 Platform Controls - View 1 (to SN 7837), S-60



702.1 Platform Controls - View 1 (to SN 7837), S-60

Item	*Part No.*	*Description*	*Qty.*
25	14041GT	LOCKNUT,ELECTRIC,3/4"	2
26	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL S-60	984
27	34769GT	WASHER,REDUCING 3/4" TO 1/2"	1
28	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
28-	72326GT	NUT - PLASTIC,RING FOR ALARMS	1

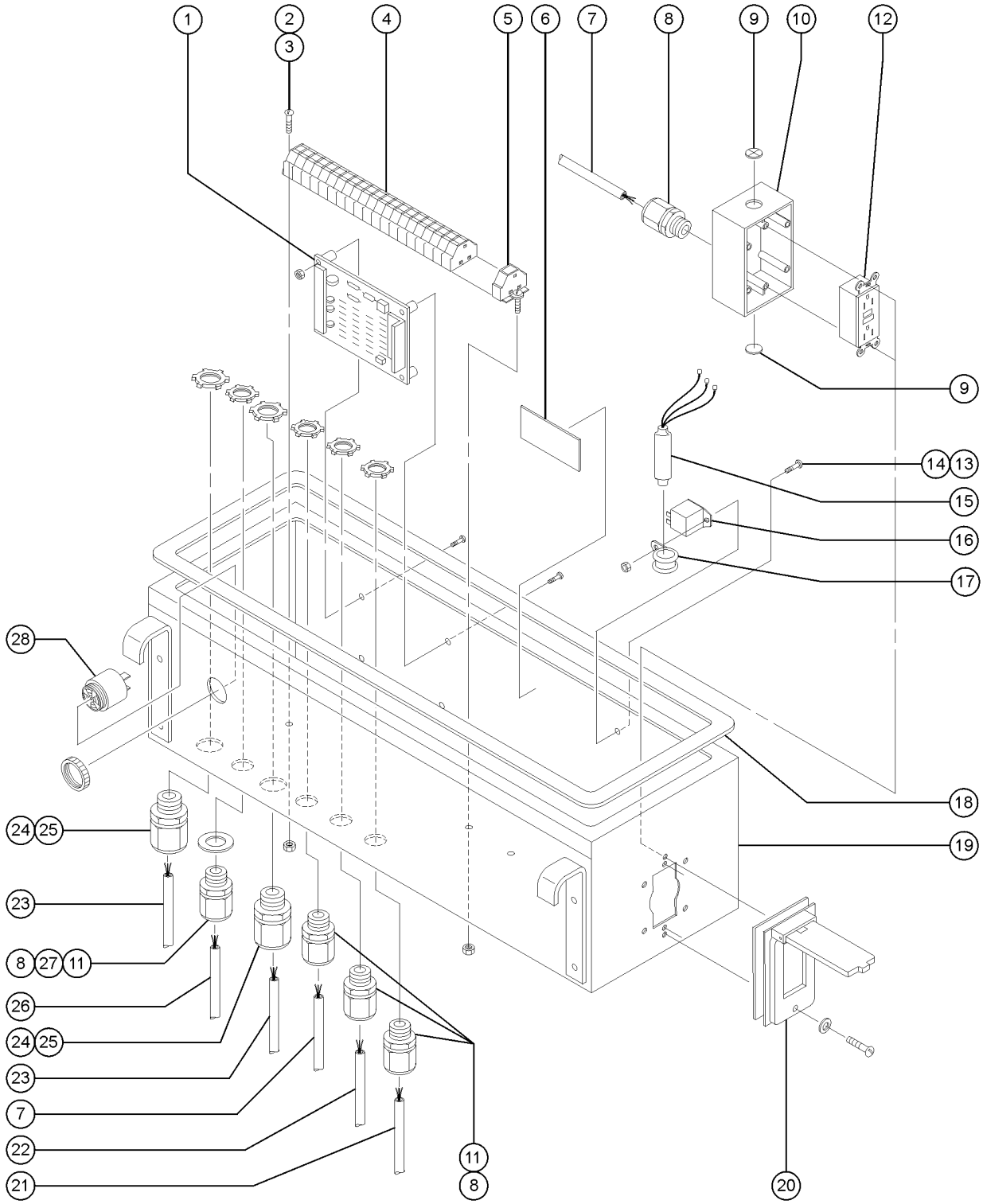
702.2 Platform Controls - View 1 (to SN 7837), S-65



702.2 Platform Controls - View 1 (to SN 7837), S-65

Item	Part No.	Description	Qty.
A	119867GT	WIRING KIT,JIB TIME DELAY IC	
A-	43181GT	CAPACITOR,TIME DELAY	
A-	19274GT	RELAY,SPDT,12V(AUTO)**	
1		LIMITER PC BOARD, HORSEPOWER (includes mounting fasteners), no longer available	1
1-	39591GT	SPACER,NYLON,.375 sold separately	4
2	45546GT	SCREW,RHM,6-32 X .5	2
3	12344GT	NUT,NYLOCK,6-32	2
4	32637GT	TERMINAL BLOCK,WAGO	45
5	32639GT	END PLATE,WAGO	1
6	30997GT	CORROSION INHIBITOR,FOAM	1
7	43955GT	WIRE CABLE,12/3 CON.TPE JKT S-65 to SN 7382 (black, white, brown)	10 44
7B-	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL S-65 from SN 7383	10 44
8B	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM S-65	5
9	8843GT	COVER,KNOCK OUT HOLE,4 PER BAG	2
10	10775GT	T-BOX,2.75 X 4.5 X 2.0	1
11	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT S-65	5
12	13585GT	OUTLET 110V	1
12-	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 S-65 only	1
16	19274GT	RELAY,SPDT,12V(AUTO)** S-65 only	1
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. includes Index No. 18; to SN 3099	1
19-	58003-SGT	PLAT CNTL BOX,W/DECAL,S60/80 includes Index No. 18; from SN 3100	1
20	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners	1
20-	33629GT	PLATE,UK POWER TO PLATFORM	1

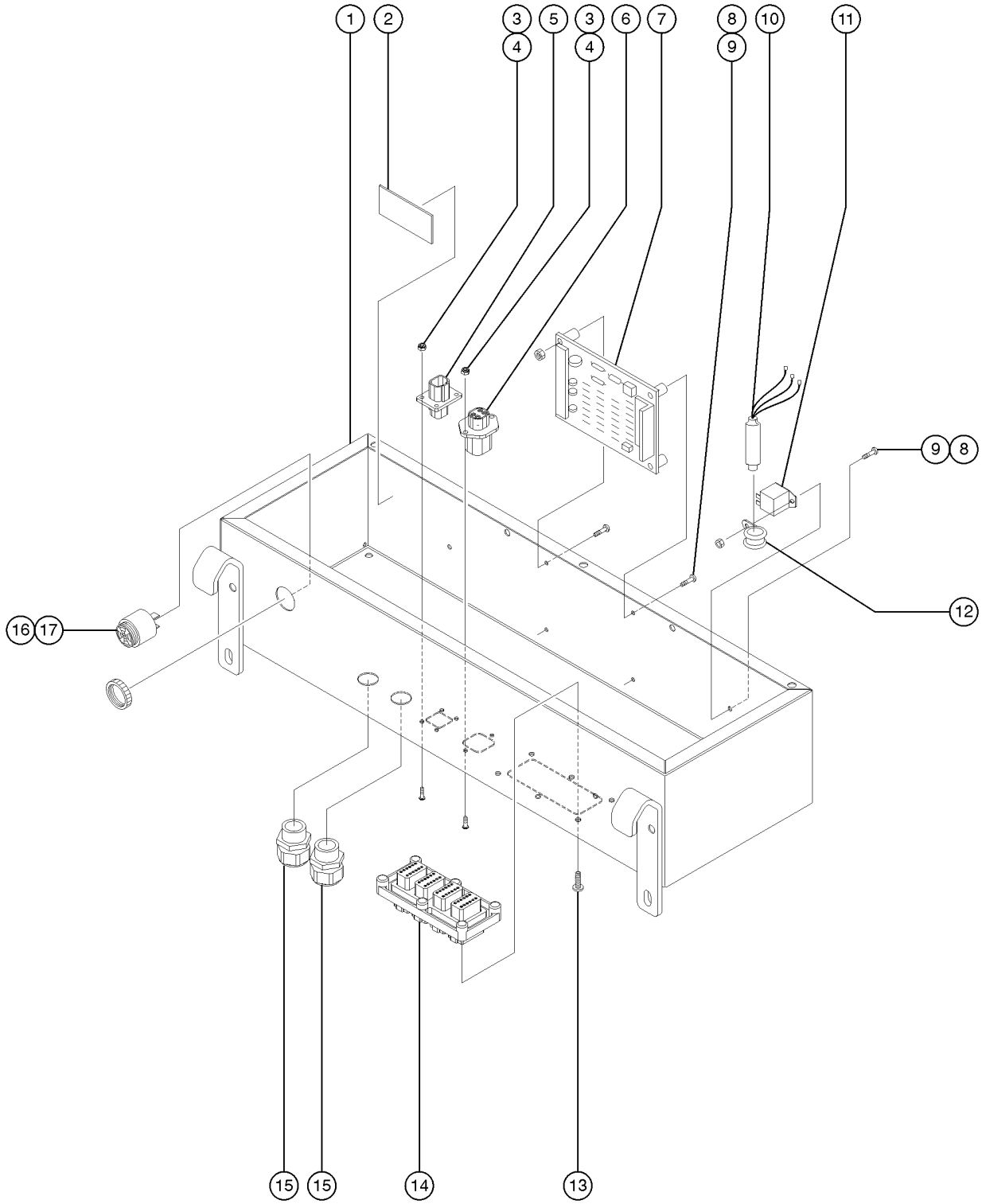
702.2 Platform Controls - View 1 (to SN 7837), S-65



702.2 Platform Controls - View 1 (to SN 7837), S-65

Item	Part No.	Description	Qty.
20-	33724GT	KIT,GASKET,UK POWER TO PLAT	1
21	43960GT	WIRE CABLE,16/4 CON.TPE JKT	66
22	43960GT	WIRE CABLE,16/4 CON.TPE JKT	186
23	48533GT	WIRE CABLE,18GA/19 CON.BNDREX S-65	10 44
24	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	2
25	14041GT	LOCKNUT,ELECTRIC,3/4"	2
26	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL S-65	10 44
27	34769GT	WASHER,REDUCING 3/4" TO 1/2"	1
28	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
28-	72326GT	NUT - PLASTIC,RING FOR ALARMS	1

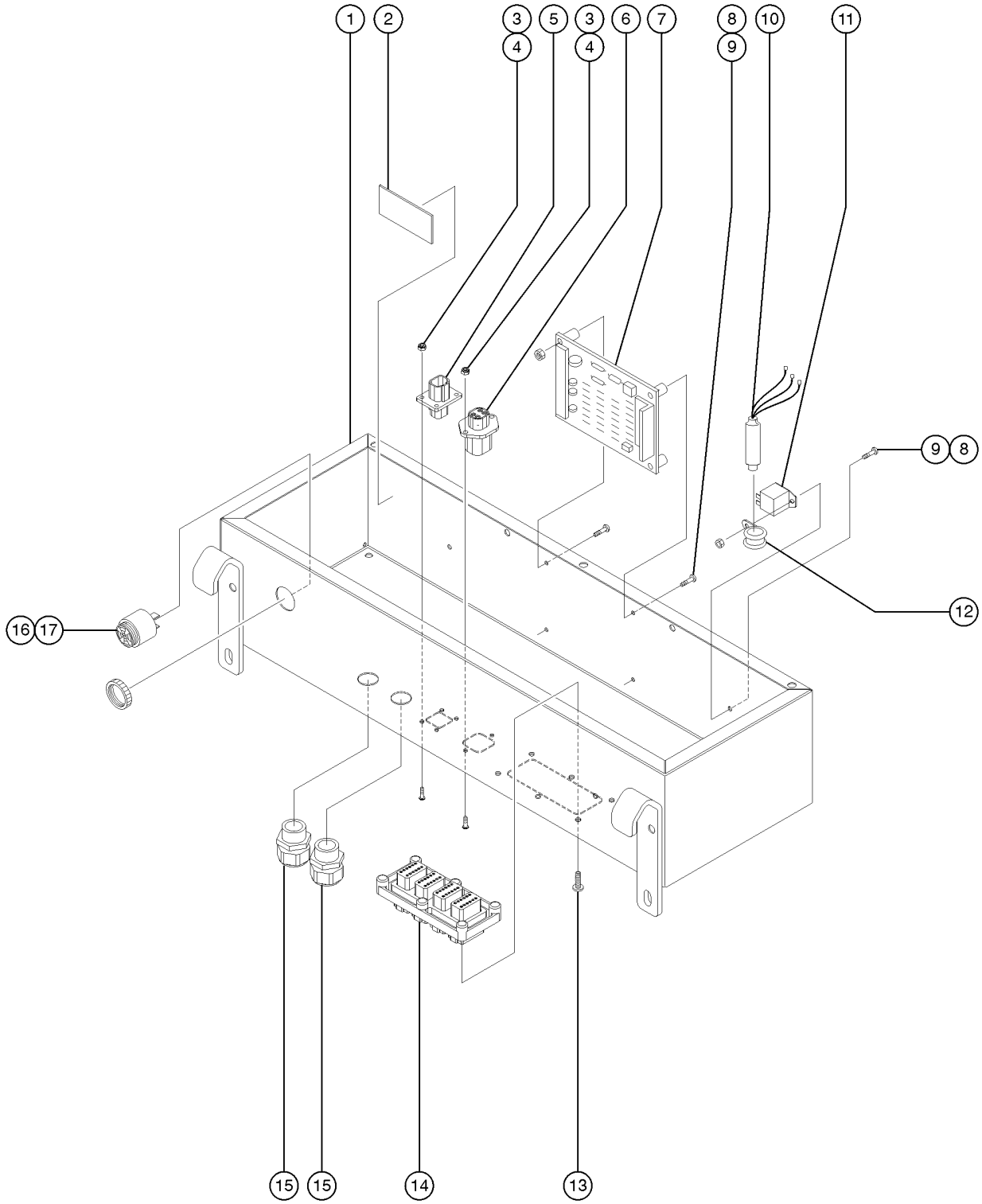
702.3 Platform Controls - View 1 (from SN 7838), S-60



702.3 Platform Controls - View 1 (from SN 7838), S-60

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

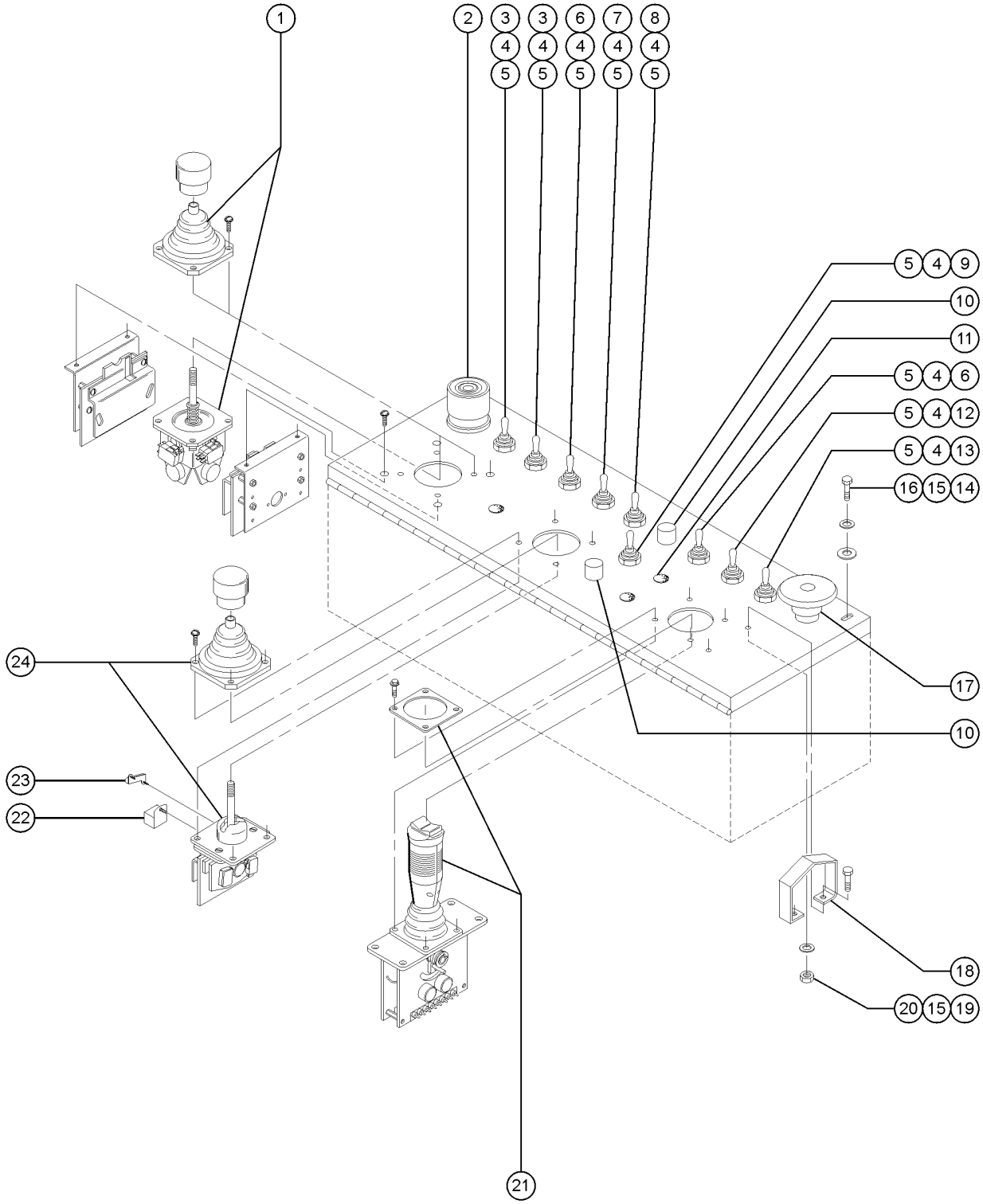
702.4 Platform Controls - View 1 (from SN 7838), S-65



702.4 Platform Controls - View 1 (from SN 7838), S-65

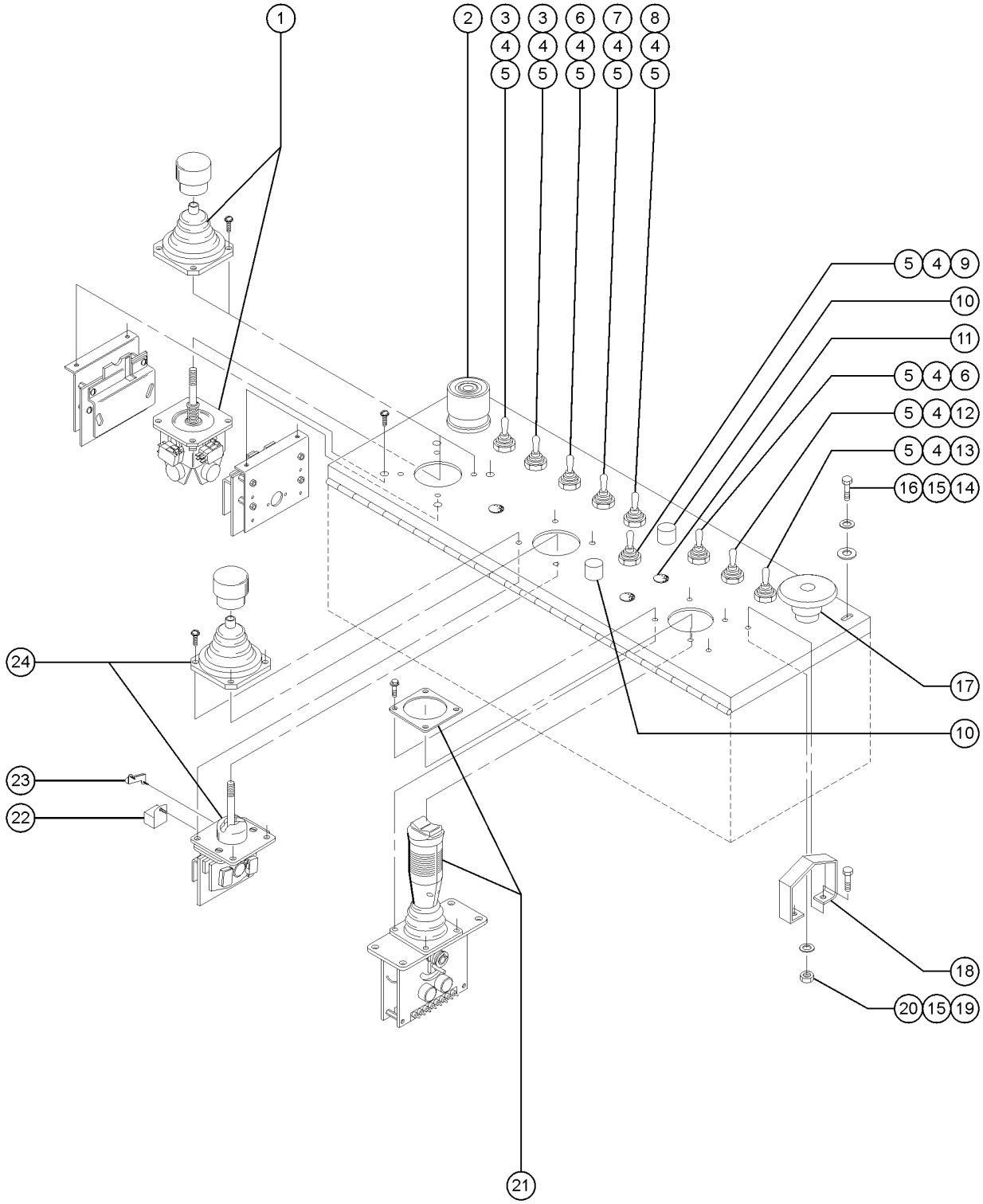
Item	Part No.	Description	Qty.
A	119867GT	WIRING KIT,JIB TIME DELAY IC	
A-	43181GT	CAPACITOR,TIME DELAY	
A-	19274GT	RELAY,SPDT,12V(AUTO)**	
1	58186GT	PLAT.CNTL.BOX,W/DECAL,S60	1
2	30997GT	CORROSION INHIBITOR,FOAM	1
3	12344GT	NUT,NYLOCK,6-32	
4	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
5	73723GT	CONN RECEPT,FLANGED	1
6	73717GT	CONN,RECEP 4 WAY,12-14GA FL***	1
7		LIMITER PC BOARD, HORSEPOWER no longer available	1
7-	39591GT	SPACER,NYLON,.375 sold separately	4
8	5094GT	SCREW,RHM,10-32 X .5	
9	6178GT	NUT, NYLOCK, 10-32	
10	43181GT	CAPACITOR,TIME DELAY	1
11	19274GT	RELAY,SPDT,12V(AUTO)**	1
12	13268GT	CLAMP, 0.75, #12 X 1/4, RUB CUSH	1
13	73803GT	SCREW,SHM,PHP, #12 X .75	
14	73736GT	CONN,RECEP 48 WAY,4 X 12	1
15	12960GT	CABLE SQUEEZE CONN.,XTRA LRG S-65	2
16	45383GT	ALARM,WARBLE TONE 5-30 VDC***	1
17	72326GT	NUT - PLASTIC,RING FOR ALARMS	1

703.1 Platform Controls - View 2, S-60



Item	Part No.	Description	Qty.
	33474GT	CONTROL BOX W/DECAL,PLAT. ..... to SN 3099	
	58003-SGT	PLAT CNTL BOX,W/DECAL,S60/80 ..... from SN 3100 to 7837	1
	58186GT	PLAT.CNTL.BOX,W/DECAL,S60 ..... from SN 7838	
1	40613GT	JOYSTICK,DUAL AXIS CONTROLL.** ..... OEM joystick	1
1-	40613HGT	JOYSTICK,DUAL AXIS CONTROLL.** ..... aftermarket joystick replacement	
2	122513GT	KIT,HORN SVC BB&SM BOOM	1
2-	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
2-	66815GT	BASE, W/1 N.O. CONTACTS***	1
3	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN ..... includes mounting fasteners	2
4	27246GT	BOOT,TOGGLE SWITCH,SHORT*	9
5	54692GT	SPACER,NYLON,.718 X .526 X.219	9
6	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*	
7	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN ..... includes mounting fasteners	1
8	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT* ..... includes mounting fasteners	1
9	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* ..... includes mounting fasteners	1
10	824879GT	LIGHT,LED IND. RED 12V NH ..... Gasoline/LPG and Perkins models	1
10B	45384GT	PLUG,NYLON .50 BLACK DOMED ..... Deutz models	1
10C	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* ..... Deutz Diesel, Glow Plug Option	1
11	45384GT	PLUG,NYLON .50 BLACK DOMED	1
11-	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT* ..... Generator models	1
12	13038-SGT	SWITCH,TOGGLE,DPDT,3POS MAINT ..... includes mounting fasteners	1
13	56457-SGT	SWITCH,TOGGLE,SPDT,2 POS MAINT ..... includes mounting fasteners; Gasoline/LPG models	1
14	6090GT	SCREW, HHC, 1/4-20 X .75	3
15	6356GT	WASHER,LOCK,.25	3
16	6638GT	WASHER, FLAT, USS, 1/4"Y	5
17	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
17-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
17-	66821GT	BASE,WITHOUT CONTACTS	1

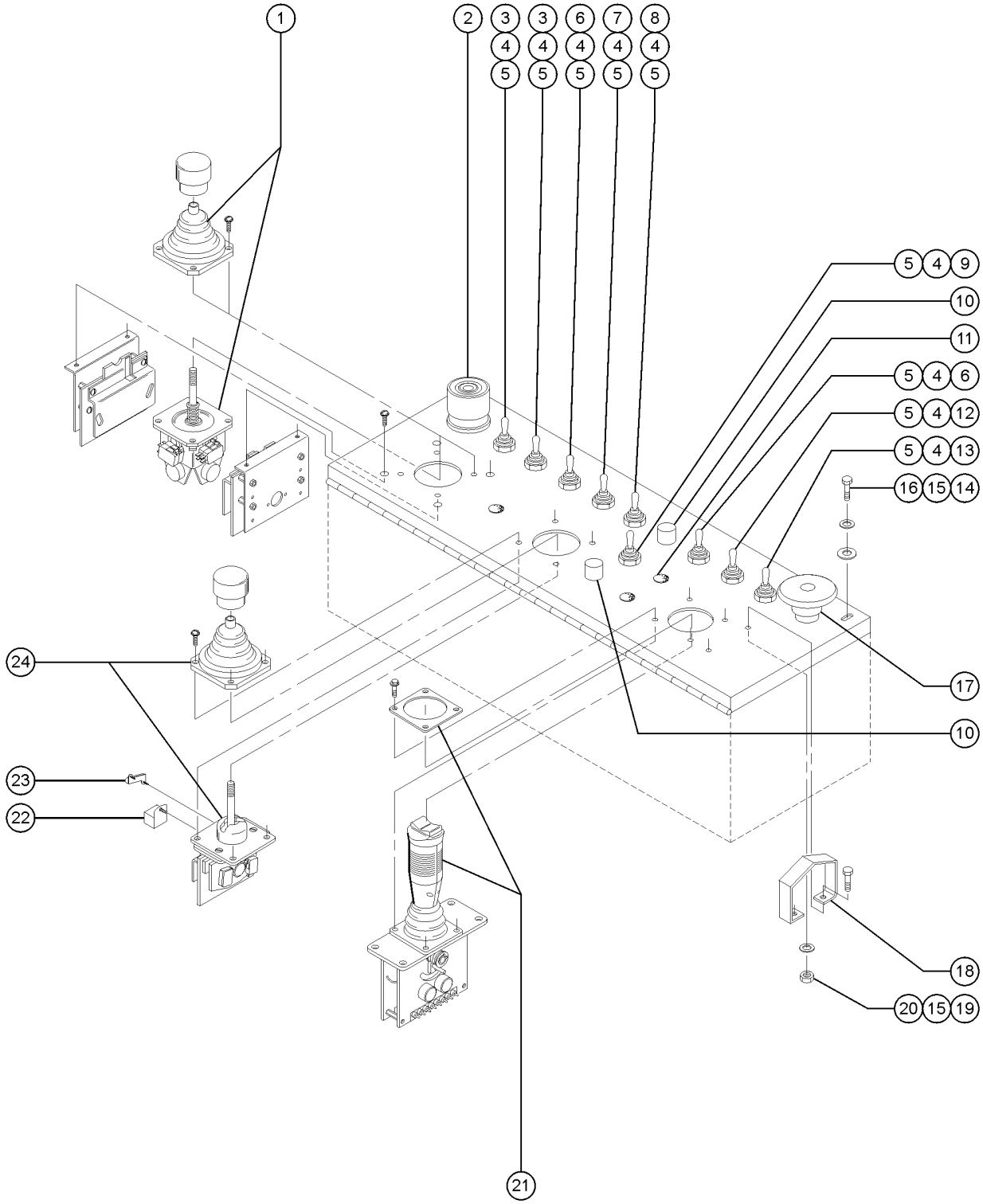
703.1 Platform Controls - View 2, S-60



703.1 Platform Controls - View 2, S-60

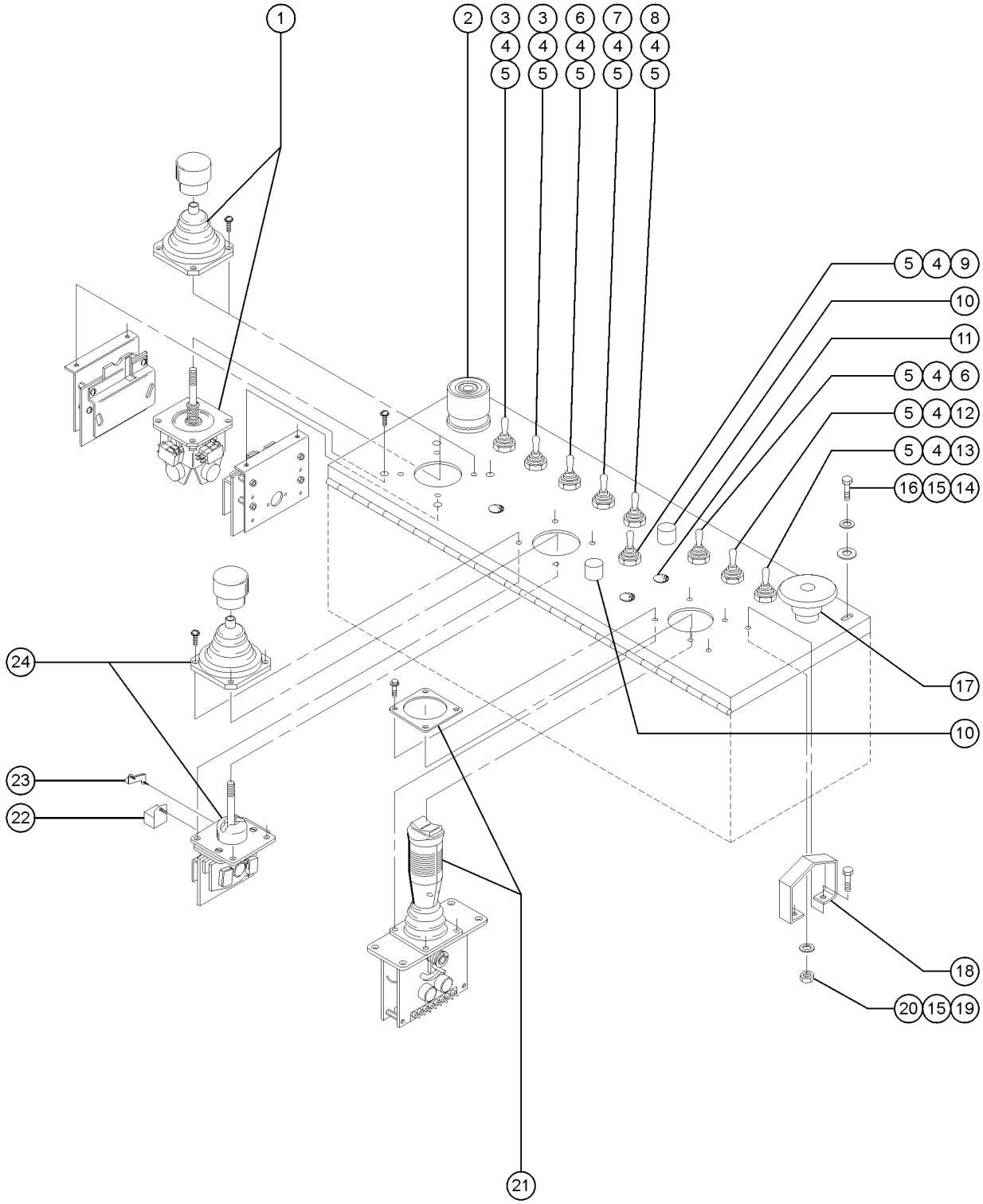
Item	Part No.	Description	Qty.
17-	66818GT	CONTACT,NC	1
18	27033P-SGT	SUPPORT,WRIST,PAINTED-BLUE	1
19	6091GT	NUT, NYLOCK, 1/4-20	2
20	8914GT	SCREW,HHC,1/4-20 X .625	2
21	20424GT	JOYSTICK CONTROLLER,12V OEM joystick	1
21-	20424HGT	JOYSTICK CONTROLLER,12V aftermarket joystick replacement	
23	27116GT	RESISTOR,100 OHM,25 WATT 4WD models	1
23-	34798GT	RESISTOR,150 OHM,25 WATT 2WD models	1
24	24495GT	JOYSTICK,SINGLE AXIS PROPORT OEM joystick	1
24-	24495HGT	JOYSTICK,SINGLE AXIS PROPORT aftermarket joystick replacement	

703.2 Platform Controls - View 2, S-65



Item	Part No.	Description	Qty.
	33474GT	CONTROL BOX W/DECAL,PLAT. ..... to SN 3099	
	58003-SGT	PLAT CNTL BOX,W/DECAL,S60/80 ..... from SN 3100 to 7837	1
	58186GT	PLAT.CNTL.BOX,W/DECAL,S60 ..... from SN 7838	
1	40613GT	JOYSTICK,DUAL AXIS CONTROLL.** ..... OEM joystick	1
1-	40613HGT	JOYSTICK,DUAL AXIS CONTROLL.** ..... aftermarket joystick replacement	
2	122513GT	KIT,HORN SVC BB&SM BOOM	1
2-	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
2-	66815GT	BASE, W/1 N.O. CONTACTS***	1
2-	66816GT	CONTACT,N.O.***	1
3	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN ..... includes mounting fasteners	2
4	27246GT	BOOT,TOGGLE SWITCH,SHORT*	9
5	54692GT	SPACER,NYLON,.718 X .526 X.219	9
6	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* ..... includes mounting fasteners	1
7	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN ..... includes mounting fasteners	1
8	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT* ..... includes mounting fasteners	1
9	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* ..... includes mounting fasteners	1
10	824879GT	LIGHT,LED IND. RED 12V NH ..... Gasoline/LPG and Perkins models	1
10B	45384GT	PLUG,NYLON .50 BLACK DOMED ..... Deutz models	1
10C	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* ..... Deutz Diesel, Glow Plug Option	1
11	45384GT	PLUG,NYLON .50 BLACK DOMED	1
11-	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT* ..... Generator models	1
12	13038-SGT	SWITCH,TOGGLE,DPDT,3POS MAINT ..... includes mounting fasteners	1
13	56457-SGT	SWITCH,TOGGLE,SPDT,2 POS MAINT ..... includes mounting fasteners; Gasoline/LPG models	1
14	6090GT	SCREW, HHC, 1/4-20 X .75	3
15	6356GT	WASHER,LOCK,.25	3
16	6638GT	WASHER, FLAT, USS, 1/4"Y	5
17	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
17-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1

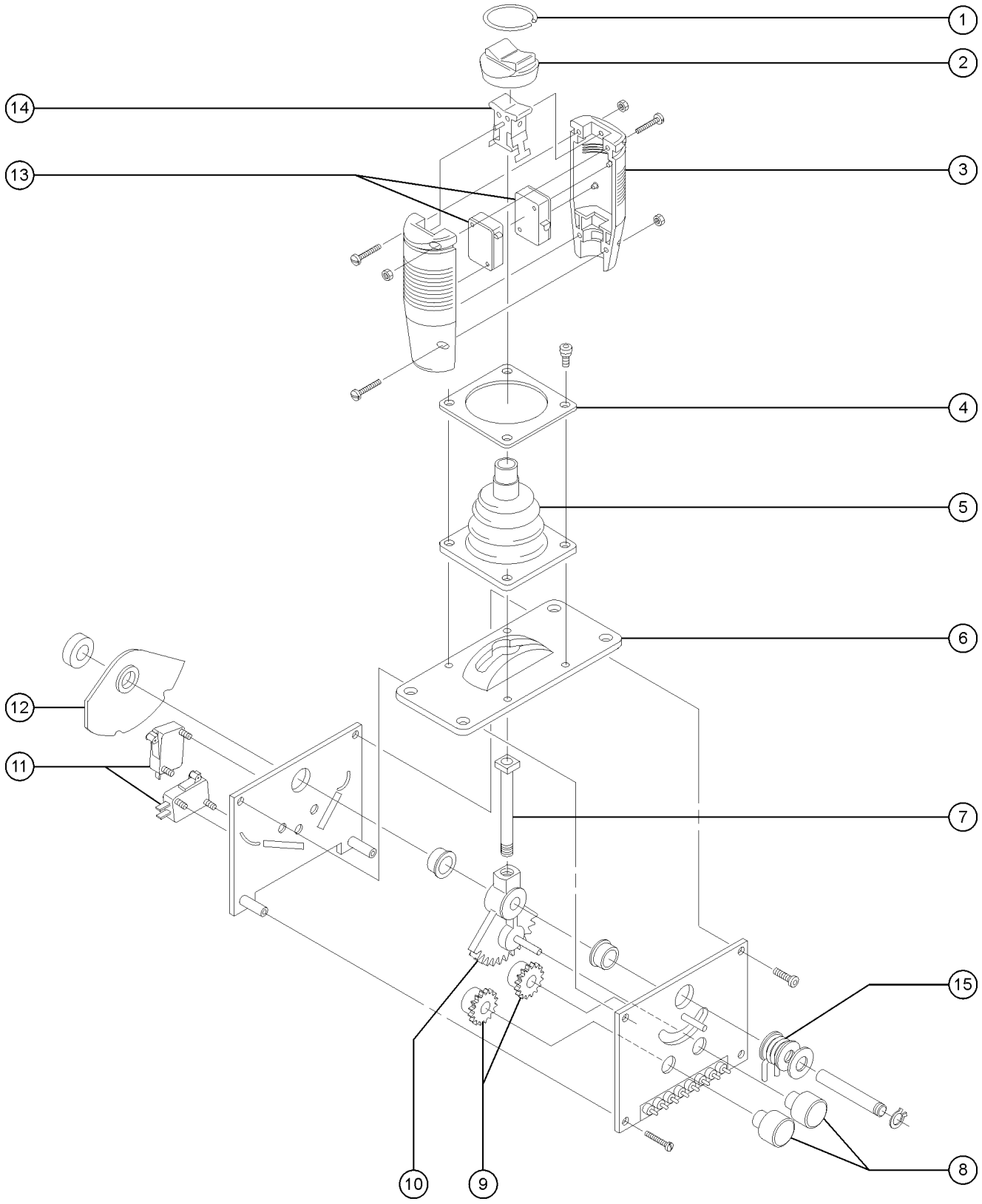
703.2 Platform Controls - View 2, S-65



703.2 Platform Controls - View 2, S-65

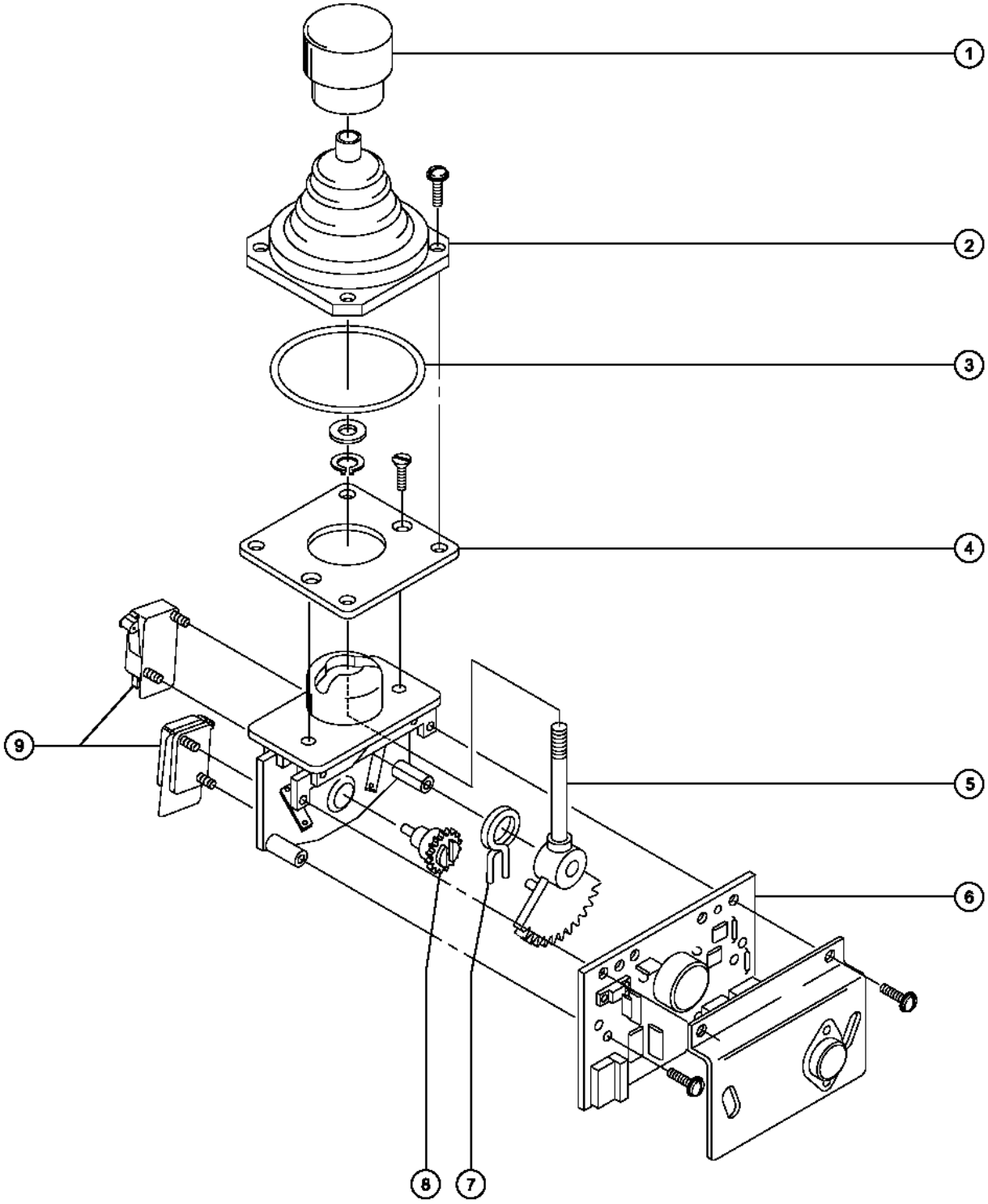
Item	Part No.	Description	Qty.
17-	66821GT	BASE,WITHOUT CONTACTS	1
17-	66818GT	CONTACT,NC	1
18	27033P-SGT	SUPPORT,WRIST,PAINTED-BLUE	1
19	6091GT	NUT, NYLOCK, 1/4-20	2
20	8914GT	SCREW,HHC,1/4-20 X .625	2
21	20424GT	JOYSTICK CONTROLLER,12V OEM joystick	1
21-	20424HGT	JOYSTICK CONTROLLER,12V aftermarket joystick replacement	
22	19274GT	RELAY,SPDT,12V(AUTO)**	1
23	27116GT	RESISTOR,100 OHM,25 WATT 4WD models	1
23-	34798GT	RESISTOR,150 OHM,25 WATT 2WD models	1
24	24495GT	JOYSTICK,SINGLE AXIS PROPORT OEM joystick	1
24-	24495HGT	JOYSTICK,SINGLE AXIS PROPORT aftermarket joystick replacement	

704.1 Joystick Controller - Drive/Steer Functions



Item	Part No.	Description	Qty.
	20424GT	JOYSTICK CONTROLLER,12V OEM joystick, contains all shown service parts	
	20424HGT	JOYSTICK CONTROLLER,12V aftermarket joystick replacement	
1	25882GT	LOCK RING	1
2	25881GT	BOOT,THUMB 20424 JOYSTICK	1
3	25883GT	HANDLE HALF,JOYSTICK (20424) order qty (2) required	1
3-	72245GT	KIT, JOYSTICK HANDLE includes handles, rocker and nut/bolt kit	
3-	49887GT	NUT & BOLT KIT (25883)	1
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

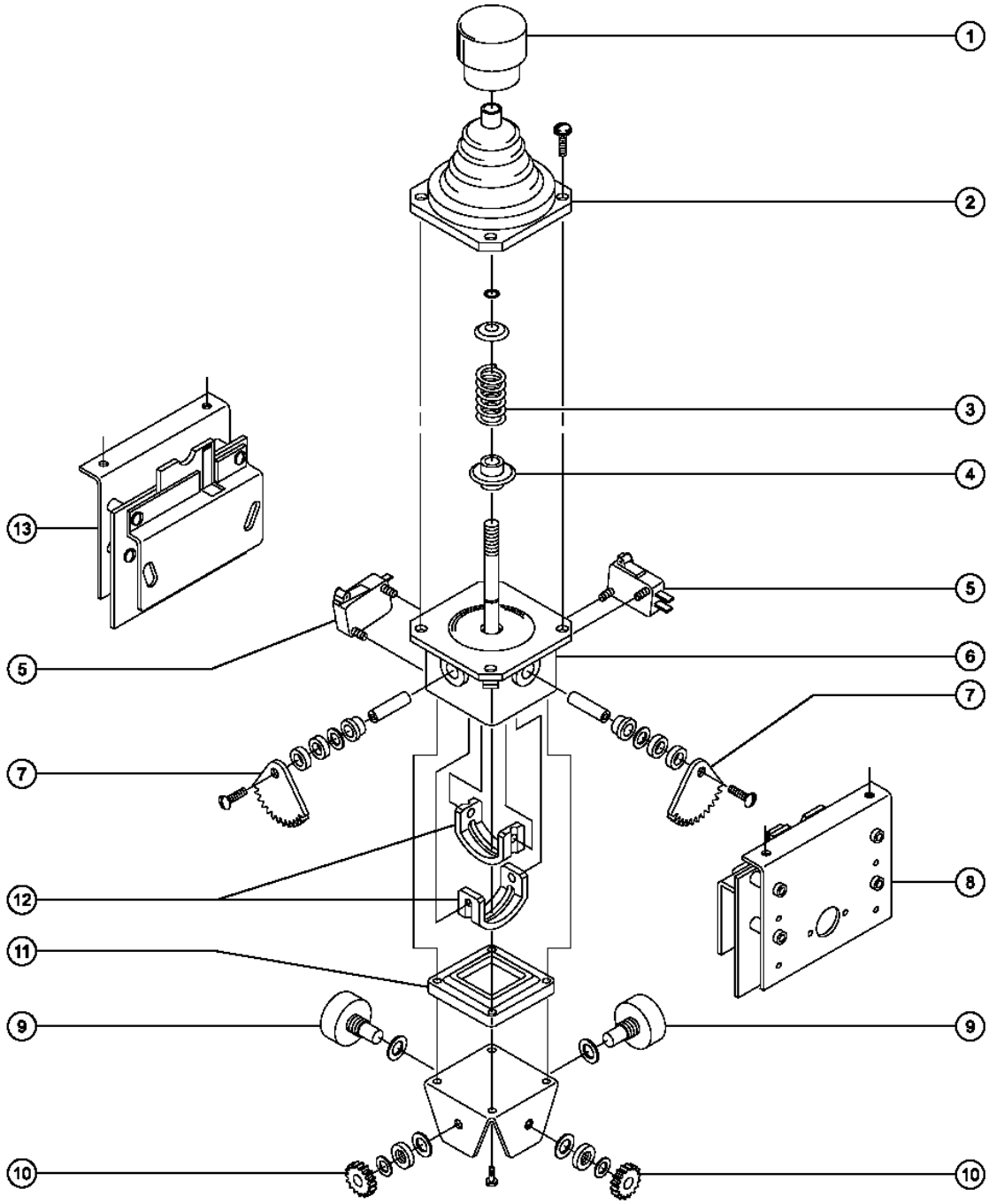
705.1 Joystick Controller - Extend/Retract, Single Axis



705.1 Joystick Controller - Extend/Retract, Single Axis

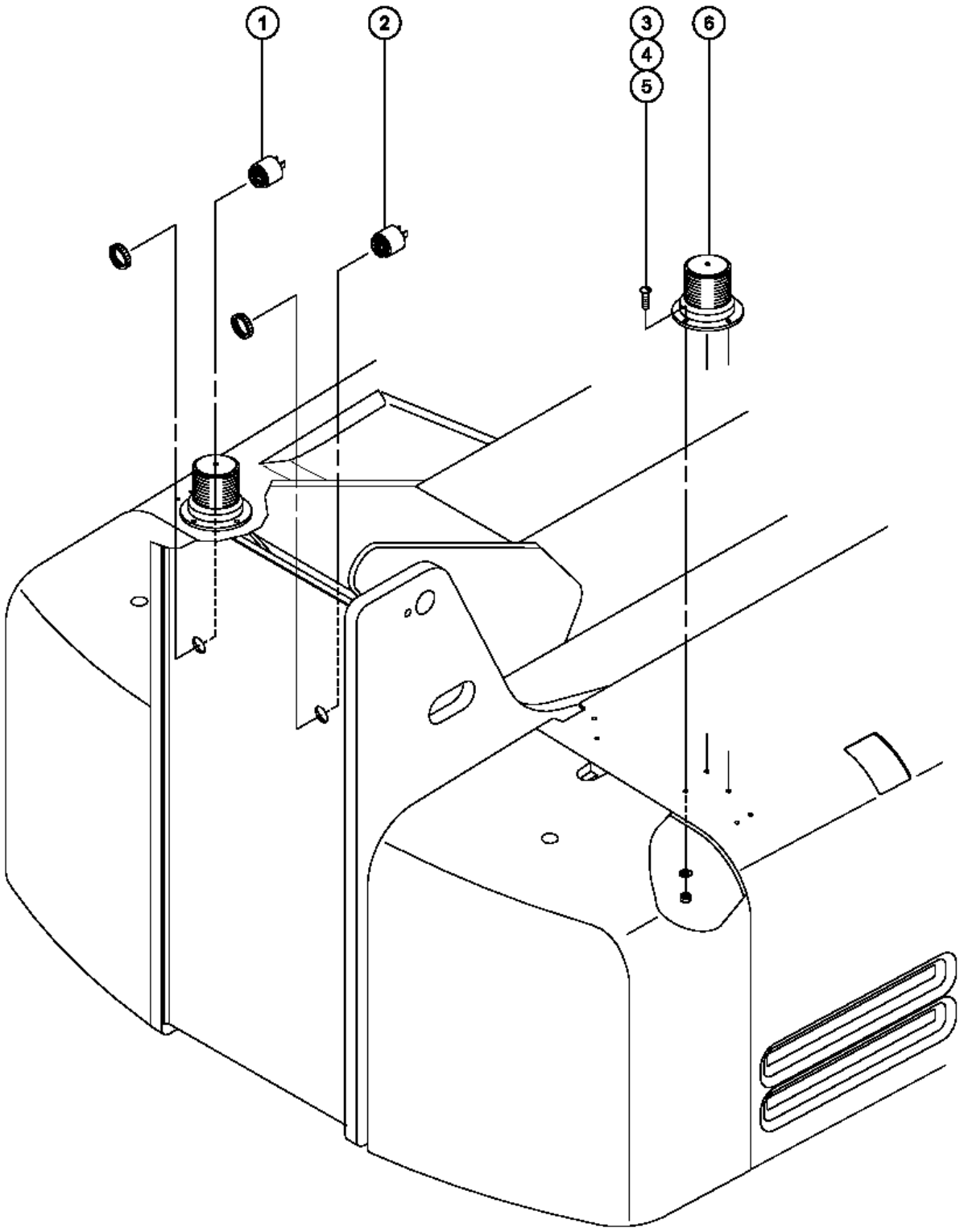
Item	Part No.	Description	Qty.
	24495GT	JOYSTICK,SINGLE AXIS PROPORT OEM joystick, contains all shown service parts	
	24495HGT	JOYSTICK,SINGLE AXIS PROPORT aftermarket joystick replacement	
1	27133GT	HANDLE,CAP,CONTROLLER	1
2	27134GT	BOOT,CONTROLLER	1
3	31526GT	O-RING,BOOT,CONTROLLER	1
4	19720GT	CASTING,45049, 40612	1
5	27135GT	SHAFT W/GEAR	1
6	27524GT	PCB,ASSY,24495	1
6-	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



Item	Part No.	Description	Qty.
	40613GT	JOYSTICK,DUAL AXIS CONTROLL.** ..... OEM joystick, contains all shown service parts	
	40613HGT	JOYSTICK,DUAL AXIS CONTROLL.** ..... aftermarket joystick replacement	
1	27133GT	HANDLE,CAP,CONTROLLER	1
2	27134GT	BOOT,CONTROLLER ..... includes 46272	1
2-	46272GT	FLANGE-JOYSTICK MOUNTING,44988	1
3		SPRING,24493 CONTROLLER ..... no longer available	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) ..... (round body) (supplier p/n EPVR-342)	2
9	83088GT	POTENTIOMETER (40613) ..... (square body) (supplier p/n EPVR-464)	
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

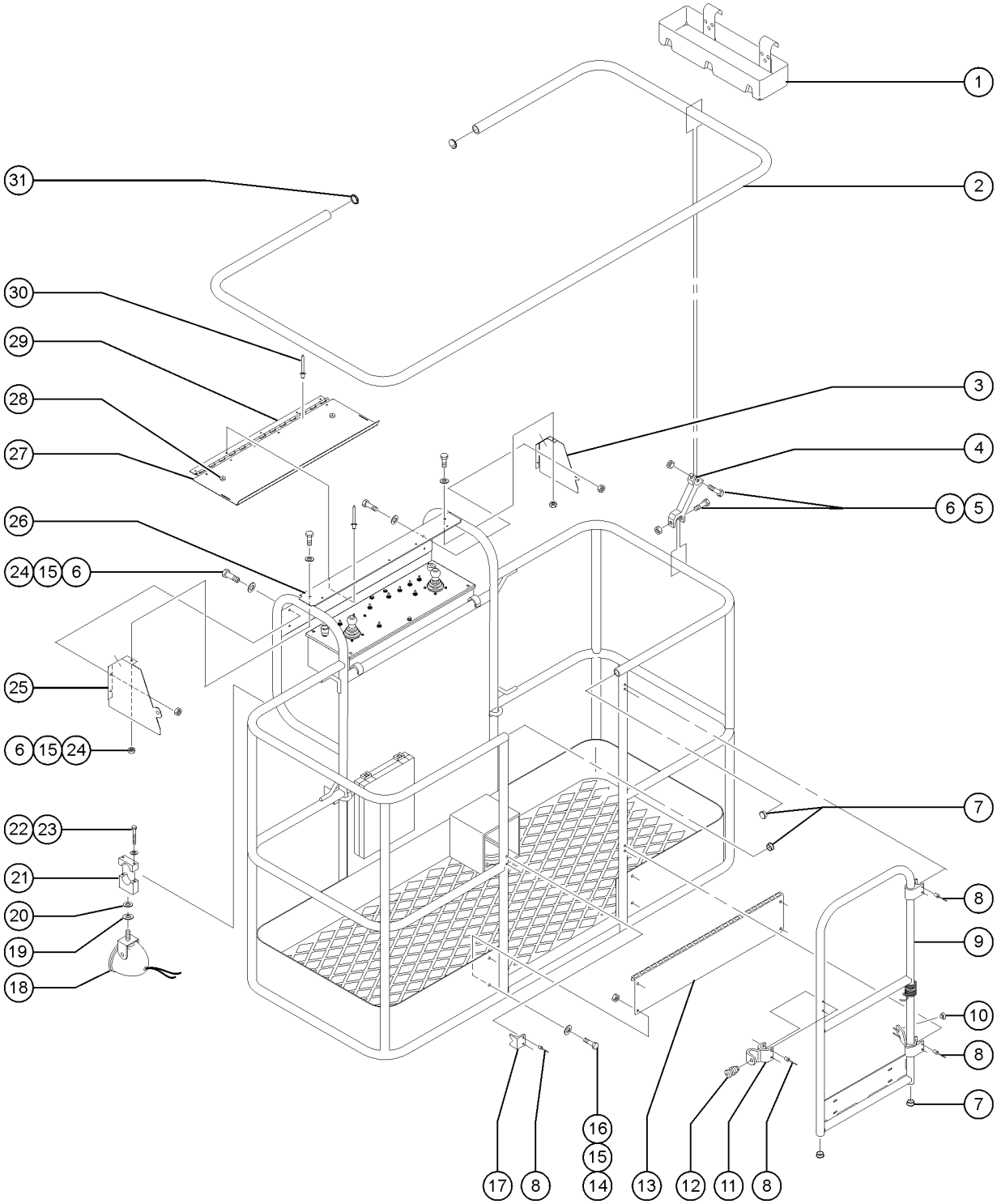
801.1 Alarm and Beacon Package



801.1 Alarm and Beacon Package

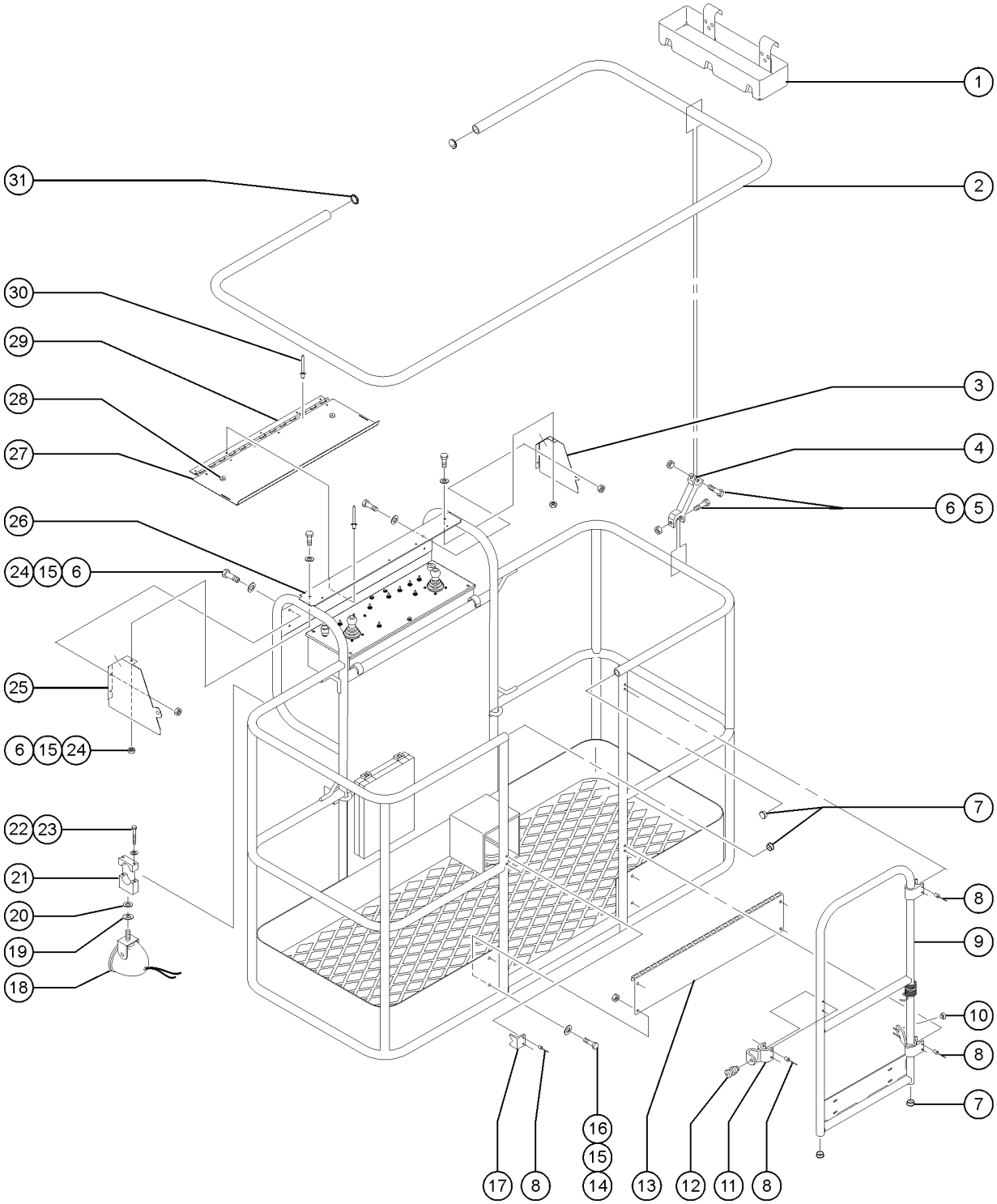
Item	Part No.	Description	Qty.
	46984GT	ALARM PKG,S60/80***	
1	230392GT	ALARM,DESCENT Does not include 72326 nut	1
1	72326GT	NUT - PLASTIC,RING FOR ALARMS	1
2	18963GT	ALARM,INTERMITTENT TONE 6-30V* Does not include 72326 nut	1
2	72326GT	NUT - PLASTIC,RING FOR ALARMS	1
3	6147GT	SCREW,RHM,10-32 X 1	6
4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

802.1 Platform Options

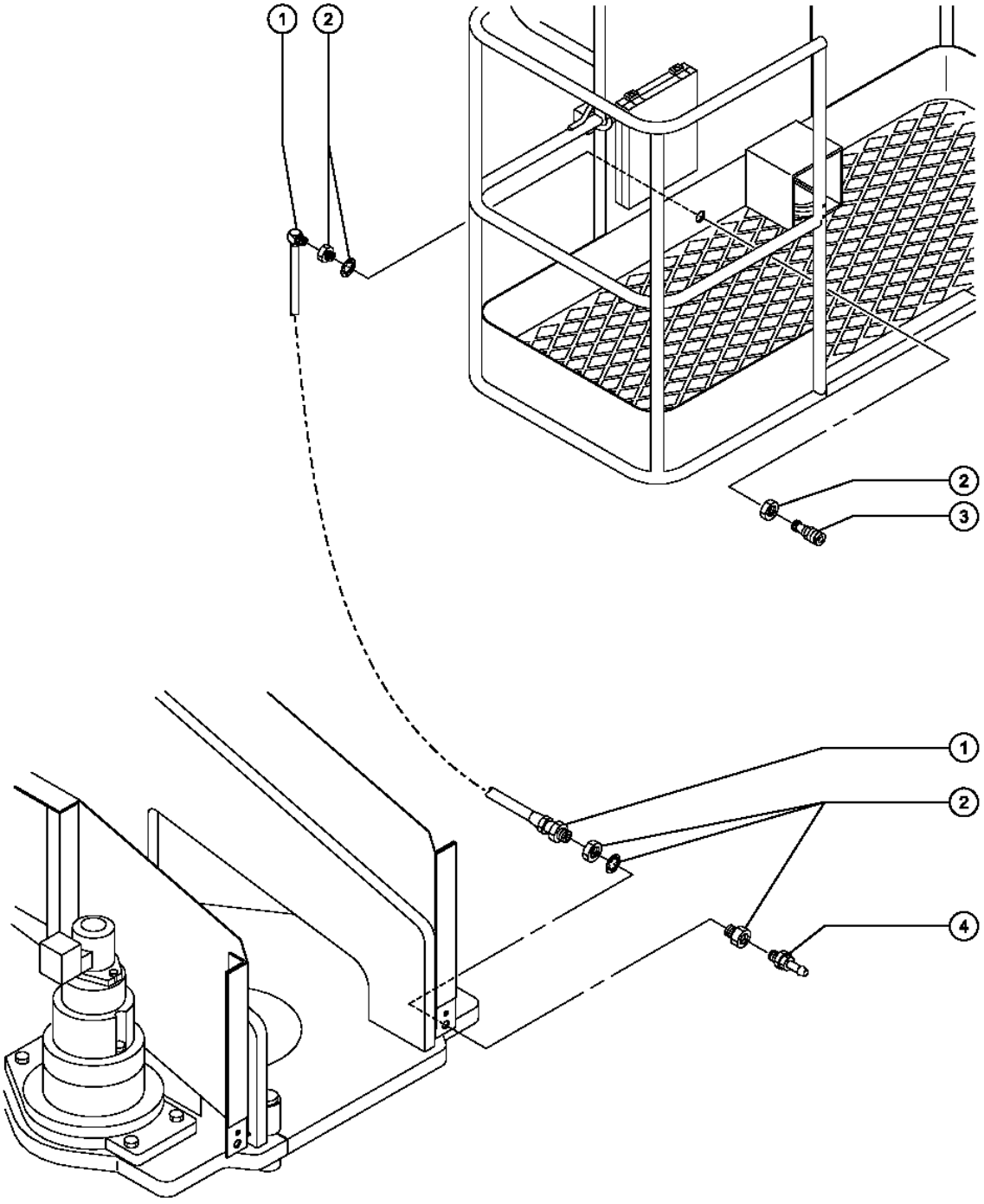


Item	Part No.	Description	Qty.
	53157-SGT	PINCH GUARD,6'(1.31")SERVICE**	
	28856-SGT	PLAT.PINCH GUARD,8',1.3	
	34321-SGT	OPTION,WORKLIGHT,12 VOLT	
1	9599-SGT	TOOL TRAY ACCESSORY***	1
2	1259704GT	PINCH GUARD RAIL,6' PLATFORM includes 55753 bumpers	1
2-	52661GT	PINCH GUARD RAIL,8' PLATFORM** includes 2 each index number 31	1
3	119797GT	CONTROL BOX COVER, RIGHT SIDE*	
4	139958GT	KIT, AUX TOP RAIL SUPPORT	10
5	4266GT	SCREW,HHC,1/4-20 X 2	20
6	6889GT	NUT,LP NYLOCK,1/4-20	20
7	31120GT	PLUG,NYLON 1.187 BLACK DOMED	4
8	7265GT	RIVET,STEEL,P, .25 X .375	14
9	128368GT	KIT,SWING GATE W/SPRING includes 2 each index number 7	1
9	1290135GT	KIT,HALF FRONT,SWING GATE	
9A-	1488GT	RAILING CATCH CASTING--DRILLED	
9A-	1487GT	GATE LATCH CASTING--DRILLED	
9A-	33674GT	PIN,LOCK,SHORT***	
9A-	9596GT	HINGE CASTING Special welding requirements for installation of this component. Strongly suggest ordering 128368 OR contact Genie Service for welding requirements.	
10	43392GT	BUMPER,BATTERY BOX & RAILS	1
11	1487GT	GATE LATCH CASTING--DRILLED	1
12	63311GT	SNAP PIN	1
13	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*	1
14	8915GT	SCREW,HHC,1/4-20 X 1.25	4
15	6638GT	WASHER, FLAT, USS, 1/4"Y	4
16	6091GT	NUT, NYLOCK, 1/4-20	6
17	1488GT	RAILING CATCH CASTING--DRILLED	1
18	107858GT	WORKLIGHT,48 VOLT	2
18A	35960GT	BULB,WORKLIGHT,12V 35W	

802.1 Platform Options

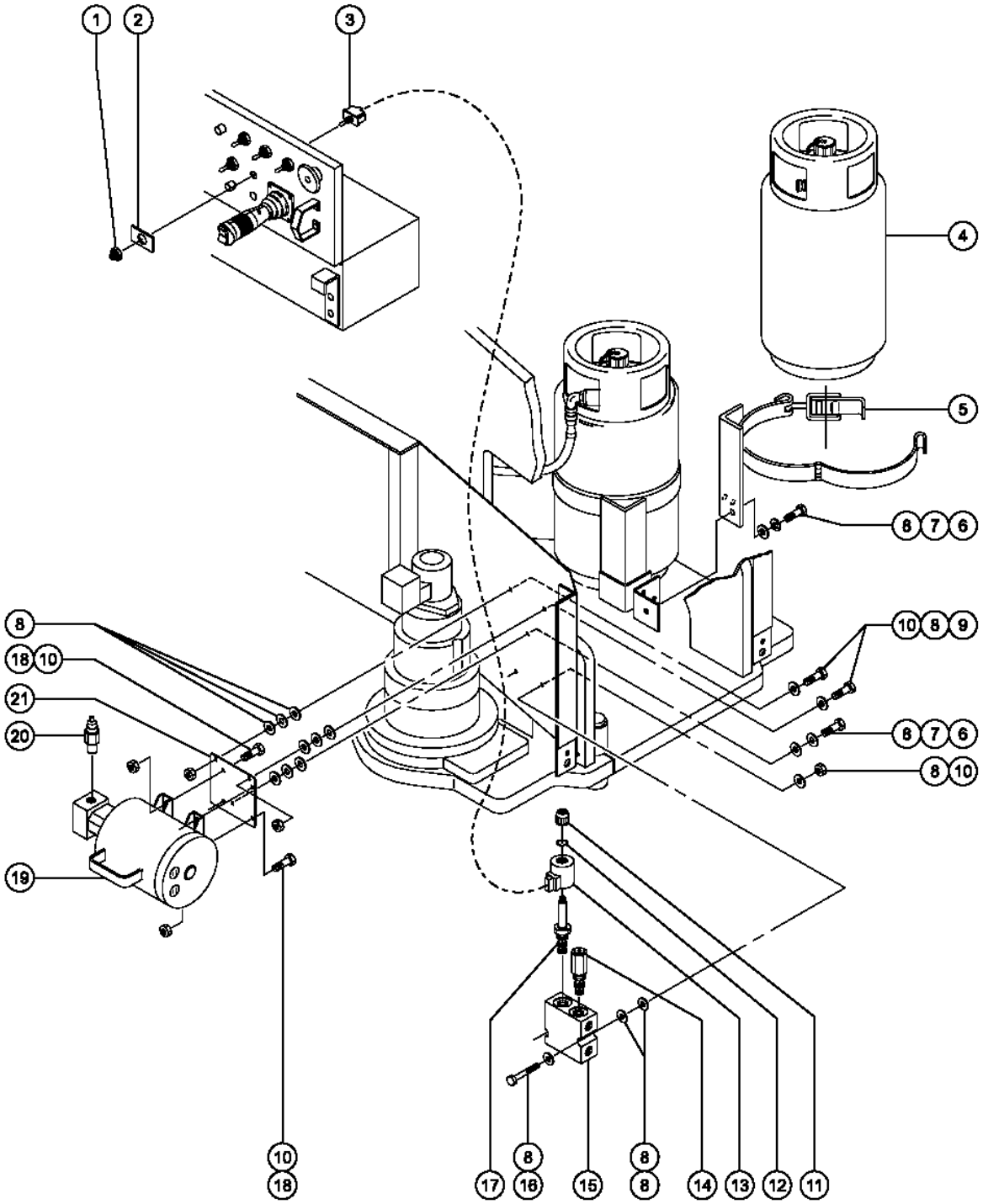


Item	*Part No.*	*Description*	*Qty.*
19	6036GT	WASHER,LOCK,.625 PLTD	1
20	6035GT	WASHER,FLAT,USS,5/8",Y	1
21	35956GT	WORK LIGHT MOUNTING BRACKET	2
22	6145GT	SCREW,HHC,1/4-20 X 1.5	4
23	6356GT	WASHER,LOCK,.25	4
24	6090GT	SCREW, HHC, 1/4-20 X .75	2
25	119796GT	CONTROL BOX COVER,LEFT SIDE**	
26	119562PGT	GUARD,PLATFORM CNTRL PANEL PTD	
26-	119642GT	KIT,PLAT CONTROL PANEL GUARD** includes part 119562P, required for first time installation	
27	89915PGT	COVER,CONTROL BOX LID	
27-	119795GT	KIT,CONTROL BOX COVER includes part 89915P, index number 26 is required for first time installation	
28	43392GT	BUMPER,BATTERY BOX & RAILS	
29	111526GT	HINGE,PLAT CONTROL BOX COVER	
30	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	
31	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2


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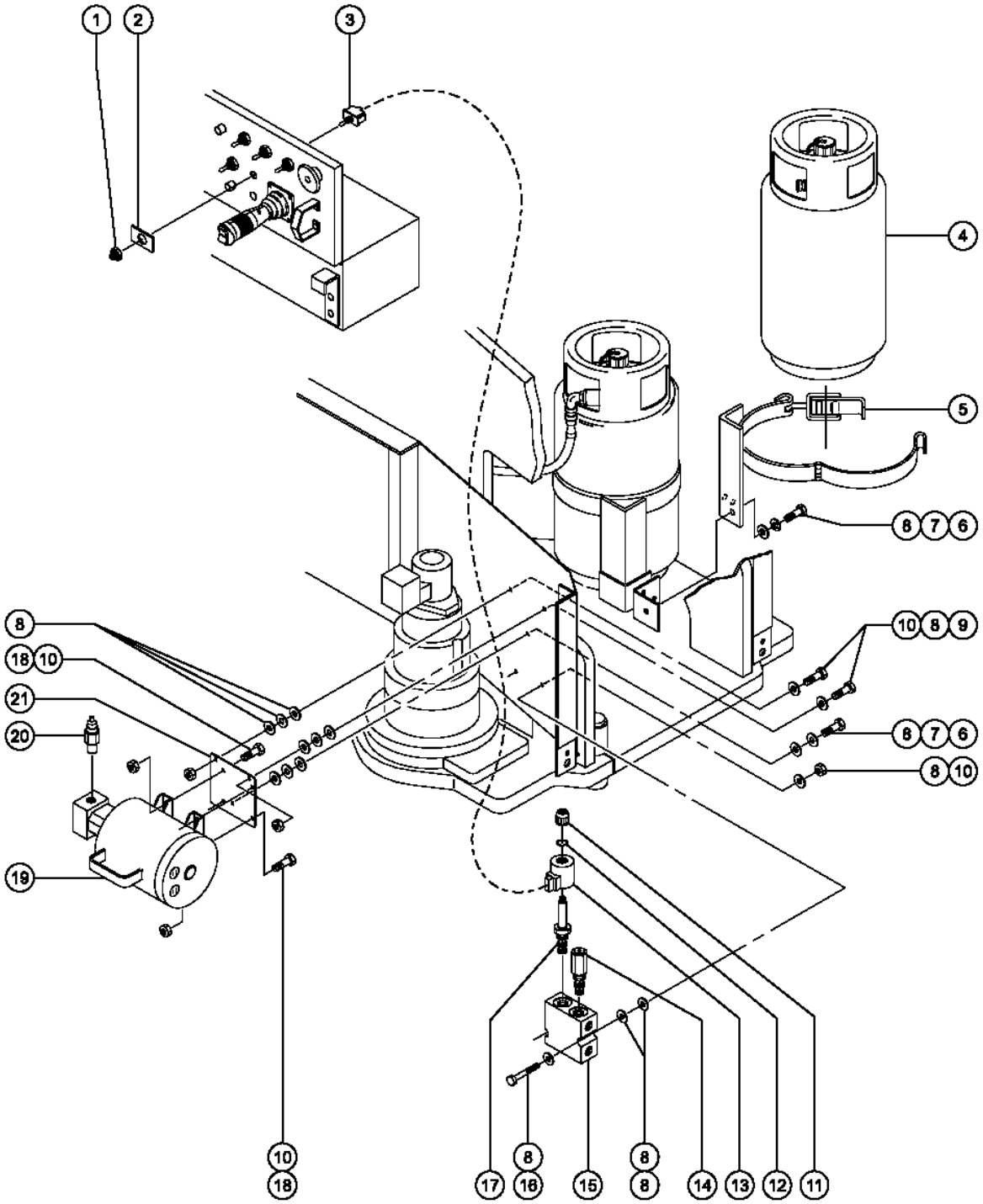
Item	Part No.	Description	Qty.
	77766GT	OPT,AIRLINE TO PLATFORM,S60	
1	49177-102894GT	HOSE ASSEMBLY,1/2"***	1
2	49212GT	FEMALE BULKHEAD CONNECTOR-8	2
3	49215GT	MPT,CPLR,1/4"SER,3/8"X18	1
4	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	1

804.1 Generator and Spare LPG Tank



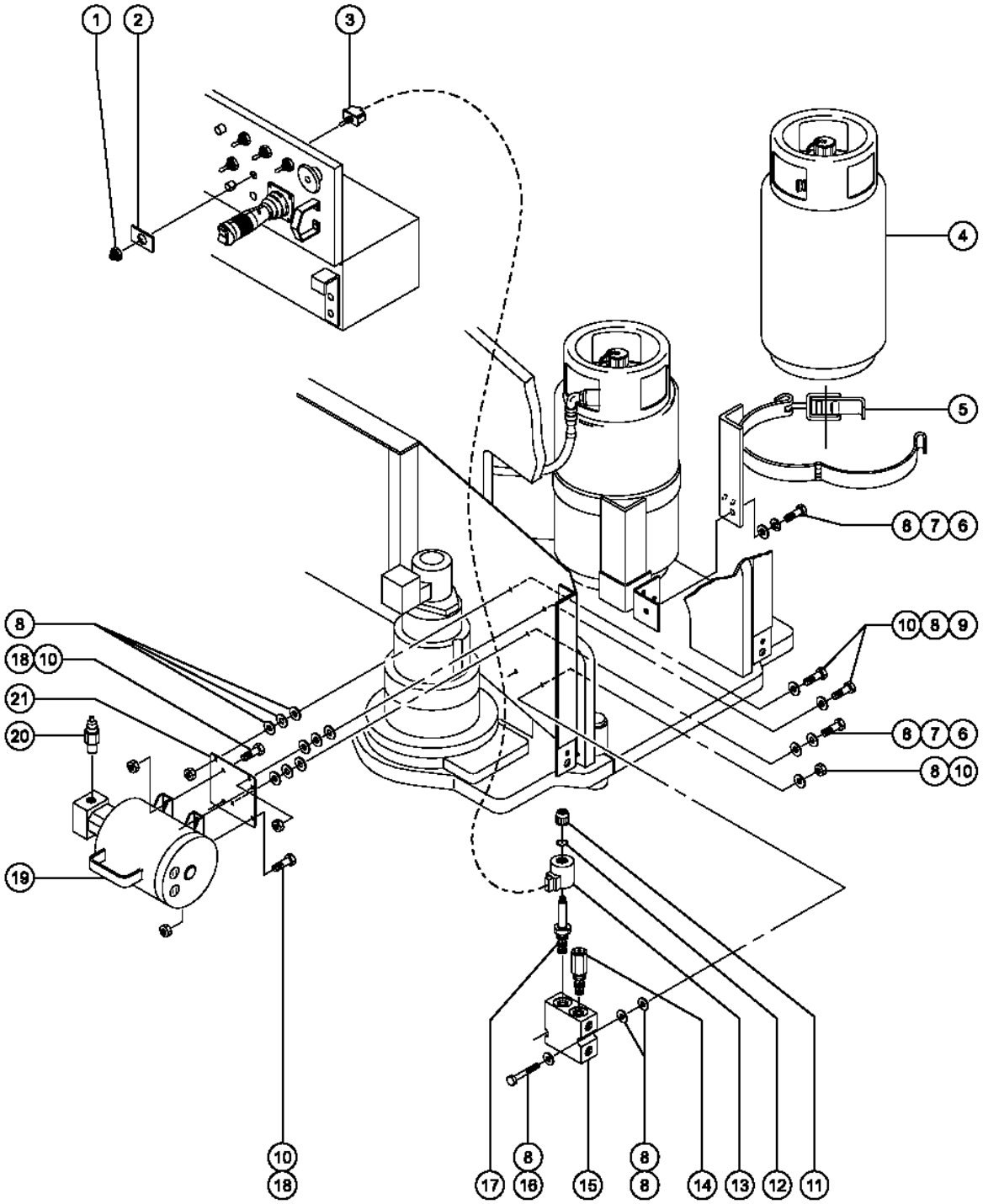
Item	Part No.	Description	Qty.
	46981GT	GEN S40 2000W SERV OPT	
	30630GT	S40,60,80SPARE L.P.TANK W/BRKT	1
1	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
1-	54692GT	SPACER,NYLON,.718 X .526 X.219	1
2	32728GT	DECAL,OPTION GENERATOR***	1
3	27378-SGT	SWITCH,TOGGLE,DPDT,2POS MAINT* includes mounting fasteners	1
4	53605GT	TANK, 7 GAL/33.5 POUND, LP Gasoline/LPG models	1
5	30712GT	LP.TANK BRKT WLDMT.,SHORT to SN 3385	1
5-	53120-SGT	LP.TANK BRACKET TALL WLDMNT from SN 3386	1
6	6175GT	SCREW,HHC,3/8-16 X 1 Gasoline/LPG models	4
7	6021GT	WASHER,LOCK,.375	4
8	5397GT	WASHER,FLAT,USS,5/16",Y	19
9	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
10	4828GT	NUT,NYLOCK,3/8-16	8
11	33568GT	NUT, CP521-1 VALVE	1
12	45914GT	O-RING, DO1 VALVE	1
13	27535GT	COIL,12V.DO1 VALVE use until exhausted	1
14	44950GT	VALVE,RELIEF,1500 PSI***	1
13-	56445GT	DIODE,6 AMP 200 PIV,REEL	
15	53976GT	MANIFOLD,GENERATOR includes Index No's. 11 through 14 and Index No. 17	1
16	8178GT	SCREW,HHC,3/8-16 X 2.5	4
17	19969GT	VALVE,SOLENOID (18660)*** includes Index No's. 11 through 13	1
18	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
19	58301GT	GENERATOR,2000W,HYDRAULIC*** includes Index No. 20	1
19	32732GT	RECTIFIER ASSEMBLY	
19A-	58402GT	BRIDGE,50A FULL WAVE**	
19A-	32734GT	BRUSH ASSEMBLY	
19A-	32736GT	MOTOR,HYDRAULIC GENERATOR	

804.1 Generator and Spare LPG Tank



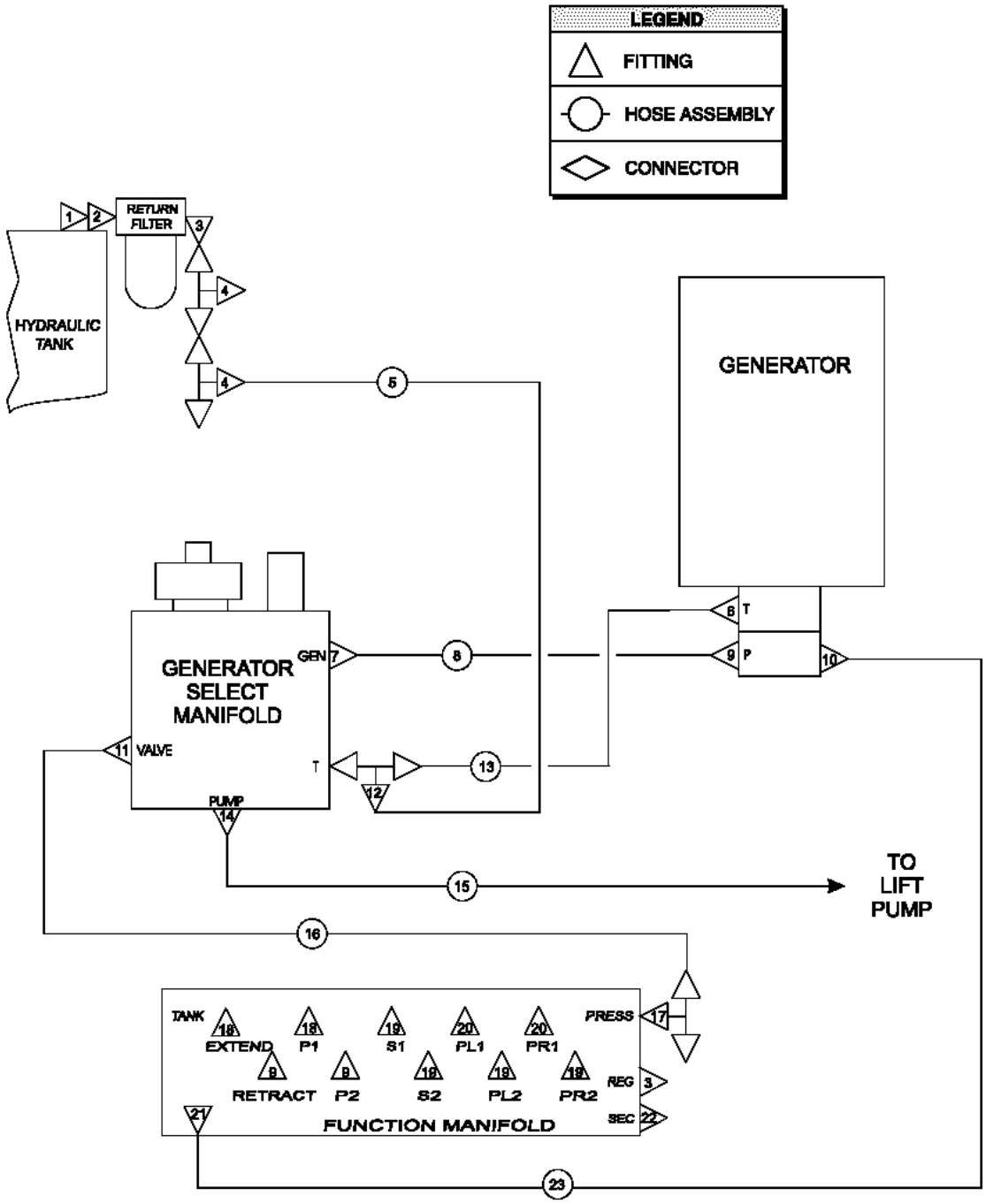
Item	Part No.	Description	Qty.
19B	36928GT	GENERATOR,2500W HYD.220/50HZ includes Index No. 20; to SN 3959	1
19B-	32732GT	RECTIFIER ASSEMBLY	
19B-	58402GT	BRIDGE,50A FULL WAVE**	
19B-	52085GT	BRUSH HOLDER ASSY, 2500W GENER	
19B-	52086-RGT	MOTOR -HYD.2500W GENER REFURB.	
19B-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
19B-	T111608GT	SEAL,RETAINING RING for pump	
19B-	T111609GT	SEAL,SHAFT for pump	
19B-	T111610GT	SPACER for pump	
19B-	T111611GT	BEARING,MOTOR for pump	
19B-	T111612GT	RETAINING RING for pump	
19B-	T111613GT	SHAFT,MOTOR for pump	
19B-	58954GT	O-RING,SPACER #115*** for pump	
19B-	147836GT	SEAL, GASKET, .00075" *GOLD* for pump	
19B-	147837GT	SEAL, GASKET, .0005" *SILVER* for pump	
19B-	147838GT	SEAL, GASKET, .0010" for pump	
19C	94748GT	GENERATOR,2500W,HYD 220/50HZ includes Index No. 20; from SN 3960	1
19C-	32732GT	RECTIFIER ASSEMBLY	
19C-	58402GT	BRIDGE,50A FULL WAVE**	
19C-	52085GT	BRUSH HOLDER ASSY, 2500W GENER	
19C-	52086-RGT	MOTOR -HYD.2500W GENER REFURB.	
19D	111381GT	GEN,HYD,3000W,110V,60HZ includes Index No. 20	1
19D-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
19D-	32732GT	RECTIFIER ASSEMBLY	
19D-	58402GT	BRIDGE,50A FULL WAVE**	
19D-	52000GT	BRUSH ASSEMBLY	
19D-	52001GT	HYDRAULIC MOTOR 3000W GENER	
19D-	T111608GT	SEAL,RETAINING RING	

804.1 Generator and Spare LPG Tank

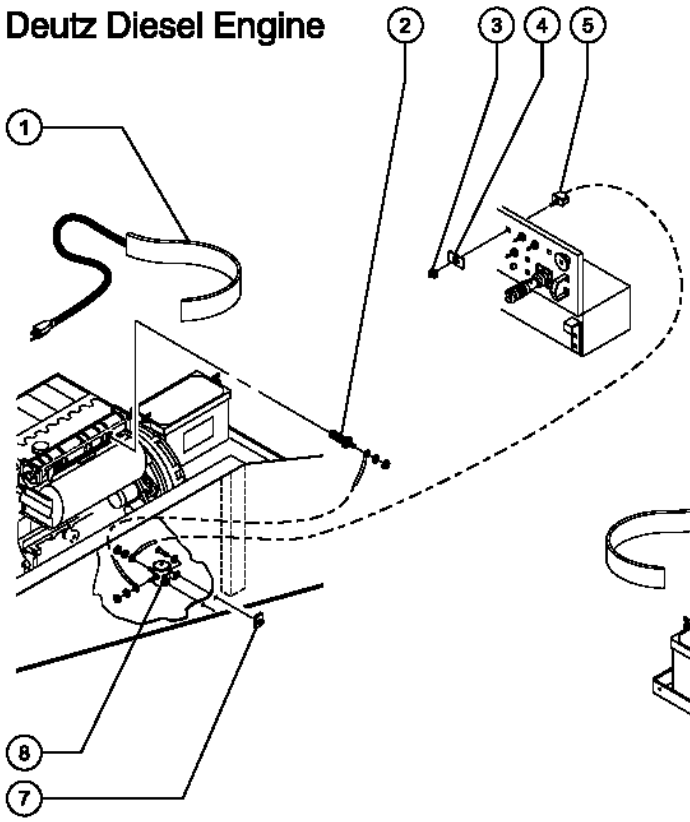


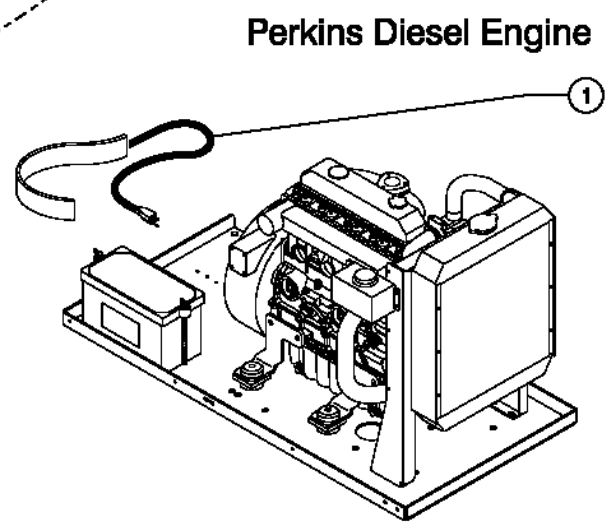
Item	Part No.	Description	Qty.
19D-	T111609GT	SEAL,SHAFT	
19D-	T111610GT	SPACER	
19D-	T111611GT	BEARING,MOTOR	
19D-	T111612GT	RETAINING RING	
19D-	T111613GT	SHAFT,MOTOR	
19D-	58954GT	O-RING,SPACER #115***	
19D-	147836GT	SEAL, GASKET, .00075" *GOLD*	
19D-	147837GT	SEAL, GASKET, .0005" *SILVER*	
19D-	147838GT	SEAL, GASKET, .0010"	
19D-	147839GT	ASSM, GEN. ONLY, 110V, 60HZ	
20	32735GT	VALVE,PRI. FLOW REG 4.3 2500W models; to SN 3959	1
20-	65841GT	PRIORITY FLOW CONTROL VALVE*** 2500W models and all 3000W models; from SN 3960	1
21	34876P-SGT	PLATE,GENERATOR MOUNTING	1

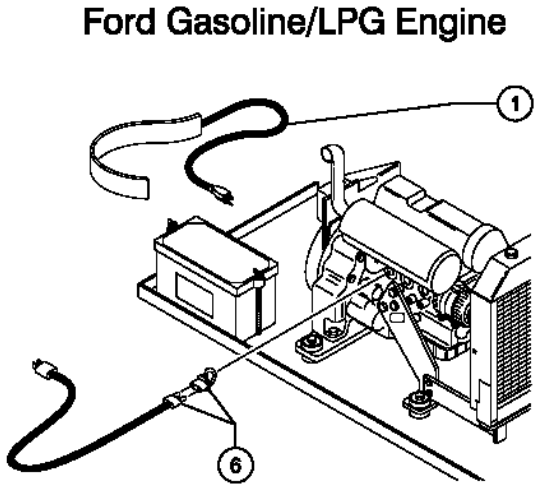
805.1 Hydraulic Hoses and Fittings - Generator Option



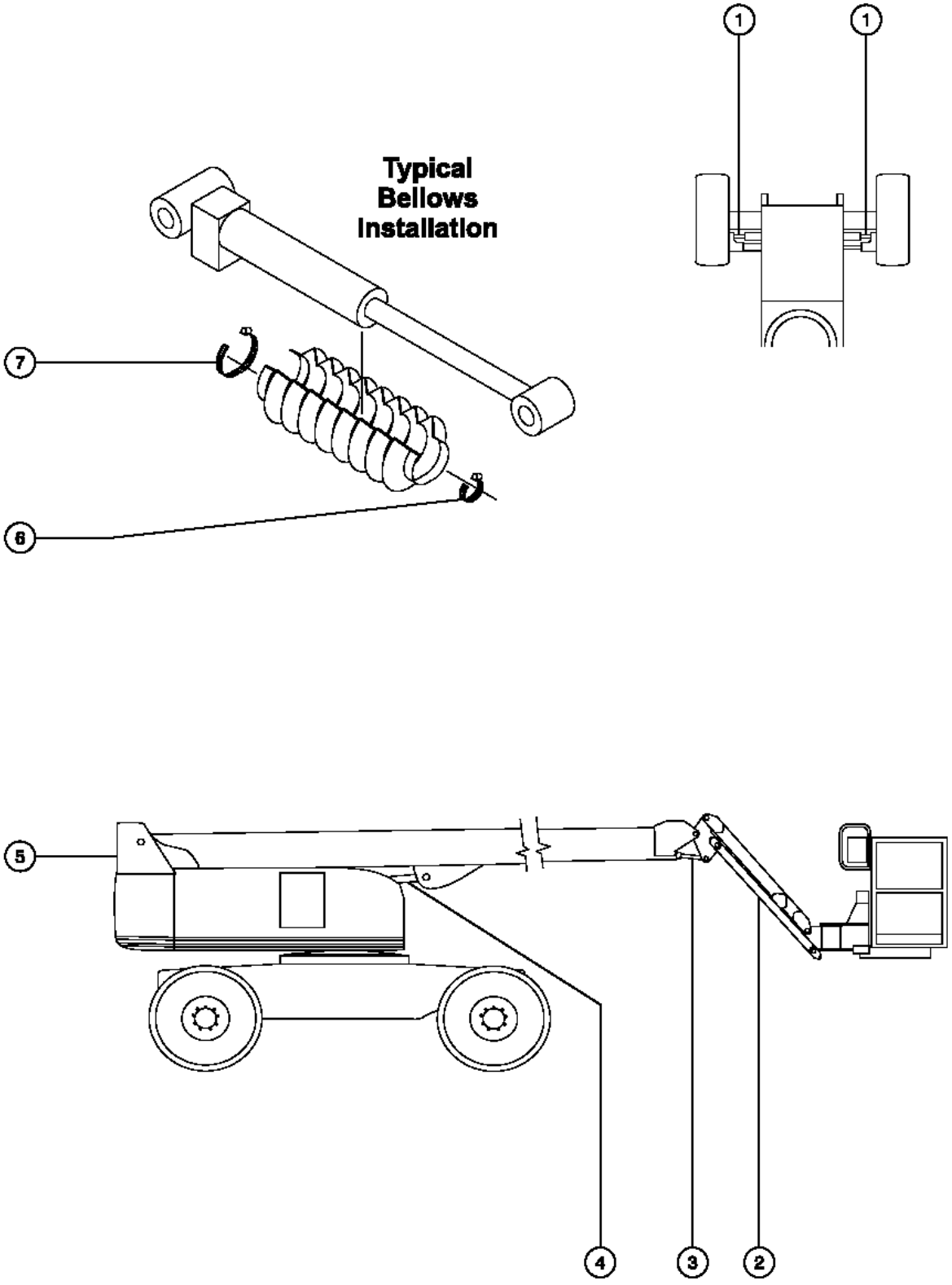
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48986GT	CONN,520102-16	1
2	49512GT	ELBOW,90DEG,FEM,1"NPT	1
3	49515GT	ELBOW,90D,520202-12-16	2
4	48964GT	TEE,RUN,SWIVEL,520432-12	2
5	49142-7062GT	HOSE ASSEMBLY,1/2"	1
6	49203GT	ELBOW,45D,520320-10-8	1
7	48933GT	CONN,520120-8***	3
8	75278-2875GT	ASSY, HOSE, HYD, -8, 4250, STR, 90	1
9	48937GT	ELBOW,45D,520320-8	3
10	48905GT	CONN,520120-4***	1
11	48960GT	CONN,520120-4-6***	1
12	48935GT	TEE,RUN, 520428-8	1
13	49172-2988GT	HOSE ASSEMBLY	1
14	48958GT	CONN,520120-10-12	1
15	1296384-7835GT	HOSE ASSY,5/8",90 FEM-ST FEM,78.35"LG	1
16	1296384-5910GT	HOSE ASSY,5/8" HYD,90 FEM-ST FEM, 59.10"LG	1
17	48954GT	TEE,BRANCH,520429-10	1
18	48934GT	CONN,LONG,520122-8	2
19	48916GT	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


Deutz Diesel Engine
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Perkins Diesel Engine
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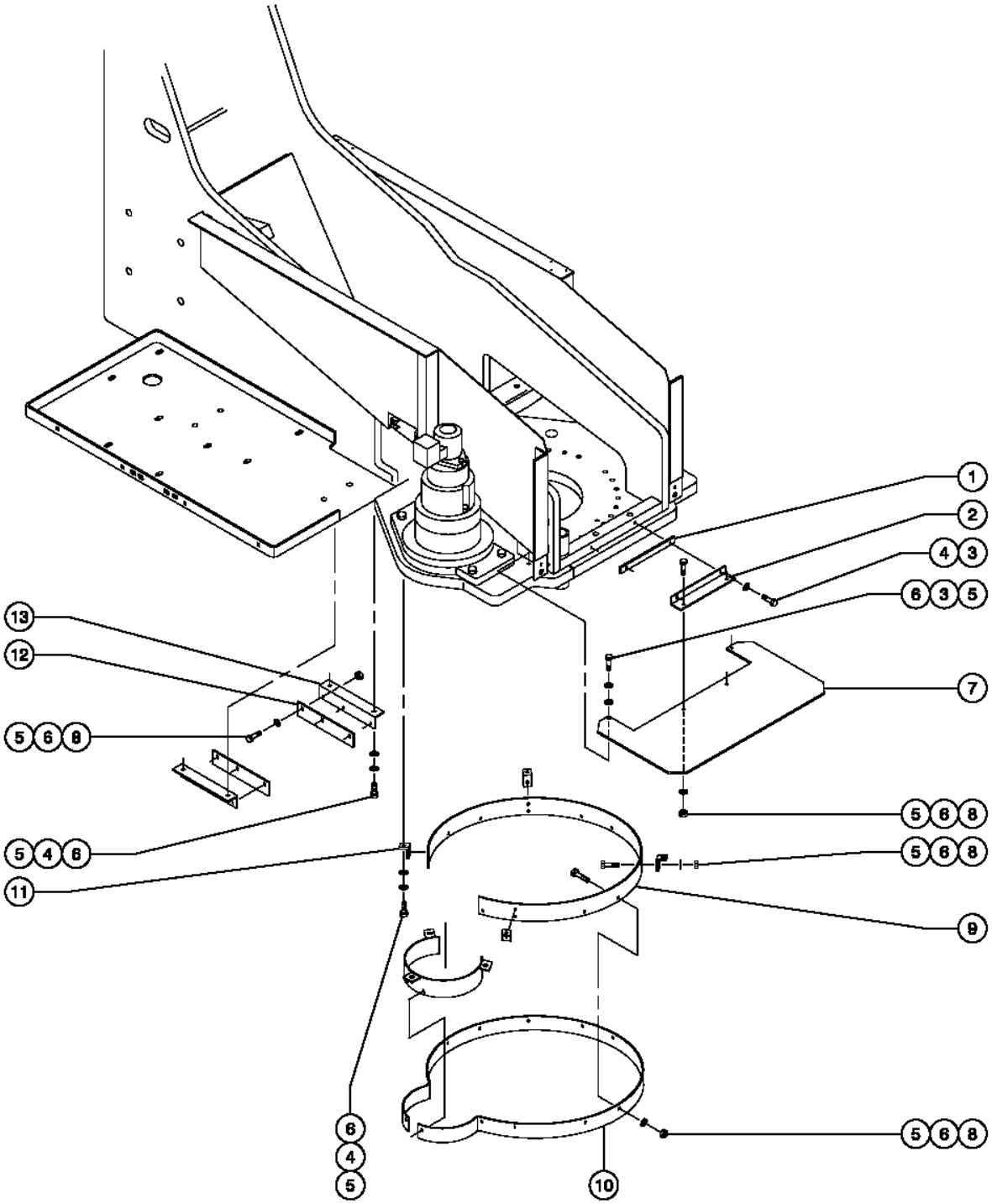

Ford Gasoline/LPG Engine
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Item	Part No.	Description	Qty.
	53156GT	COLD START,FORD, BIG BOOM	
	53982GT	COLD START PKG,PERKINS,BB	
	53159-SGT	COLD START PKG,DEUTZ,BIG BOOM	
1	28853GT	BLANKET,BATTERY	2
2	31408GT	GLOW PLUG,L1011 Deutz Diesel models	1
3	27246GT	BOOT,TOGGLE SWITCH,SHORT* Deutz Diesel models	1
4	32726GT	DECAL,OPTION GLOW PLUGS*** Deutz Diesel models	1
5	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* includes mounting fasteners; Deutz Diesel models	1
5-	54692GT	SPACER,NYLON,.718 X .526 X.219	1
6	35610GT	HEATER,FREEZE PLUG,FORD LRG423 Gasoline/LPG models	1
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG Deutz Diesel models	2
8	53967GT	SOLENOID,12V CONTINOUS Deutz Diesel models	1


Typical
Bellows
Installation
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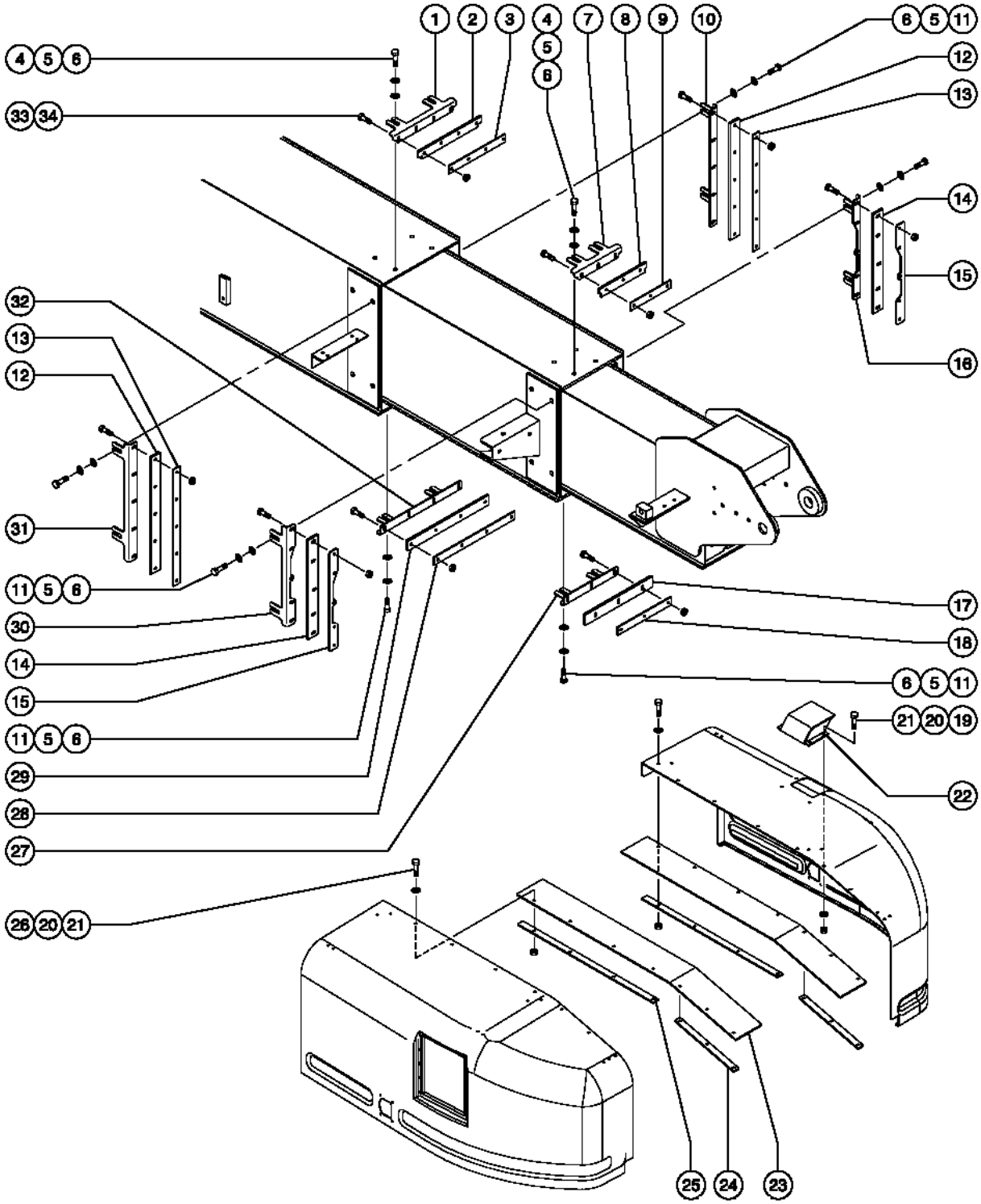
Item	Part No.	Description	Qty.
	35433GT	S60 HOSTILE ENVIRONMENT,OSC	
	53616GT	S60 DELUXE HOSTILE ENVIRONMENT	
	34508GT	COVER,PROTECTIVE,OSC.CYLINDER	2
1	34507GT	COVER,PROTECTIVE,STEER CYL.	2
2	34505GT	COVER,PROTECTIVE,JIB CYLINDER	1
3	34503GT	COVER,PROTECTIVE,SLAVE W/JIB	1
4	38067GT	COVER,PROTECTIVE,LIFT CYLINDER	1
5	34501GT	COVER,PROTECTIVE,MASTER W/JIB	1
6	36208GT	CLAMP,HOSE,1.25***	5
6-	30489GT	CLAMP,HOSE,3.50	1
7	30971GT	CLAMP,HOSE,3.00"	5
7-	31523GT	CLAMP, FAN GUARD, DEUTZ F4L1011	1

808.1 Hostile Environment Package, Turntable



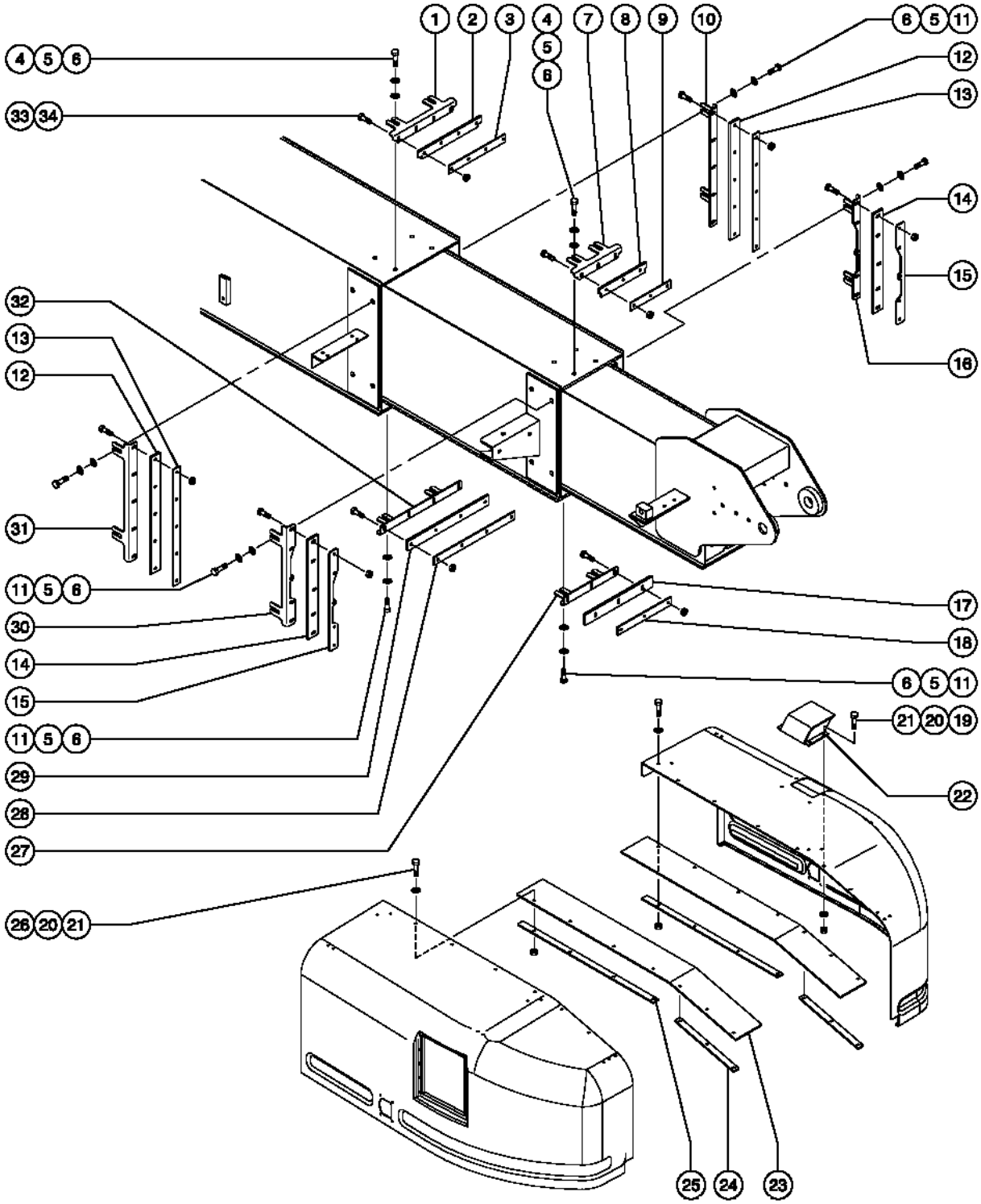
Item	*Part No.*	*Description*	*Qty.*
1	35424PGT	FLATBAR,CHASSIS SPACER BLUE	1
2	35423PGT	ANGLE,FRONT CHASSIS GUARD BLUE	1
3	6888GT	SCREW,HHC,1/4-20 X 1	2
4	6356GT	WASHER,LOCK,.25	8
5	6090GT	SCREW, HHC, 1/4-20 X .75	31
6	6638GT	WASHER, FLAT, USS, 1/4"Y	31
7	34992PGT	PLATE,FRONT CHASSIS GUARD,BLUE	1
8	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



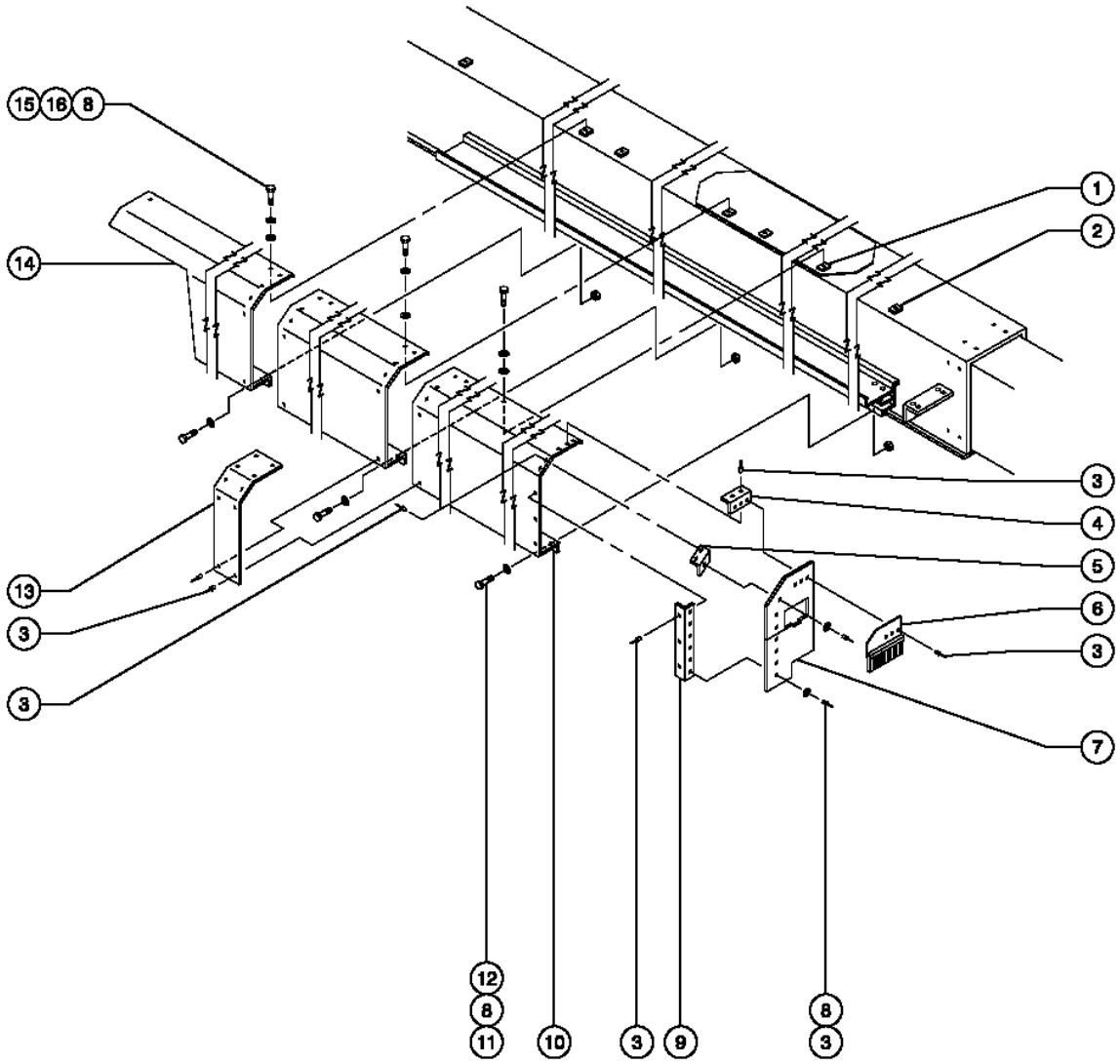
Item	Part No.	Description	Qty.
1	63179PGT	WIPER BRACKET, PNTD	1
2	63171GT	WIPER	1
3	63172PGT	BACKING PLATE, PNTD	1
4	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
5	6021GT	WASHER,LOCK,.375	16
6	5397GT	WASHER,FLAT,USS,5/16",Y	16
7	63135PGT	WIPER BRACKET, PNTD	1
8	63174GT	WIPER	1
9	63168PGT	BACKING PLATE, PAINTED	1
10	63143PGT	WIPER BRACKET, PNTD	1
11	8516GT	SCREW, HCC, 3/8-16 X 1.50	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
26	6888GT	SCREW,HHC,1/4-20 X 1	14
27	63177PGT	WIPER BRACKET, PNTD	1
28	63182PGT	BACKING PLATE, PNTD	1

809.1 Hostile Environment Package, Boom and Turntable Covers



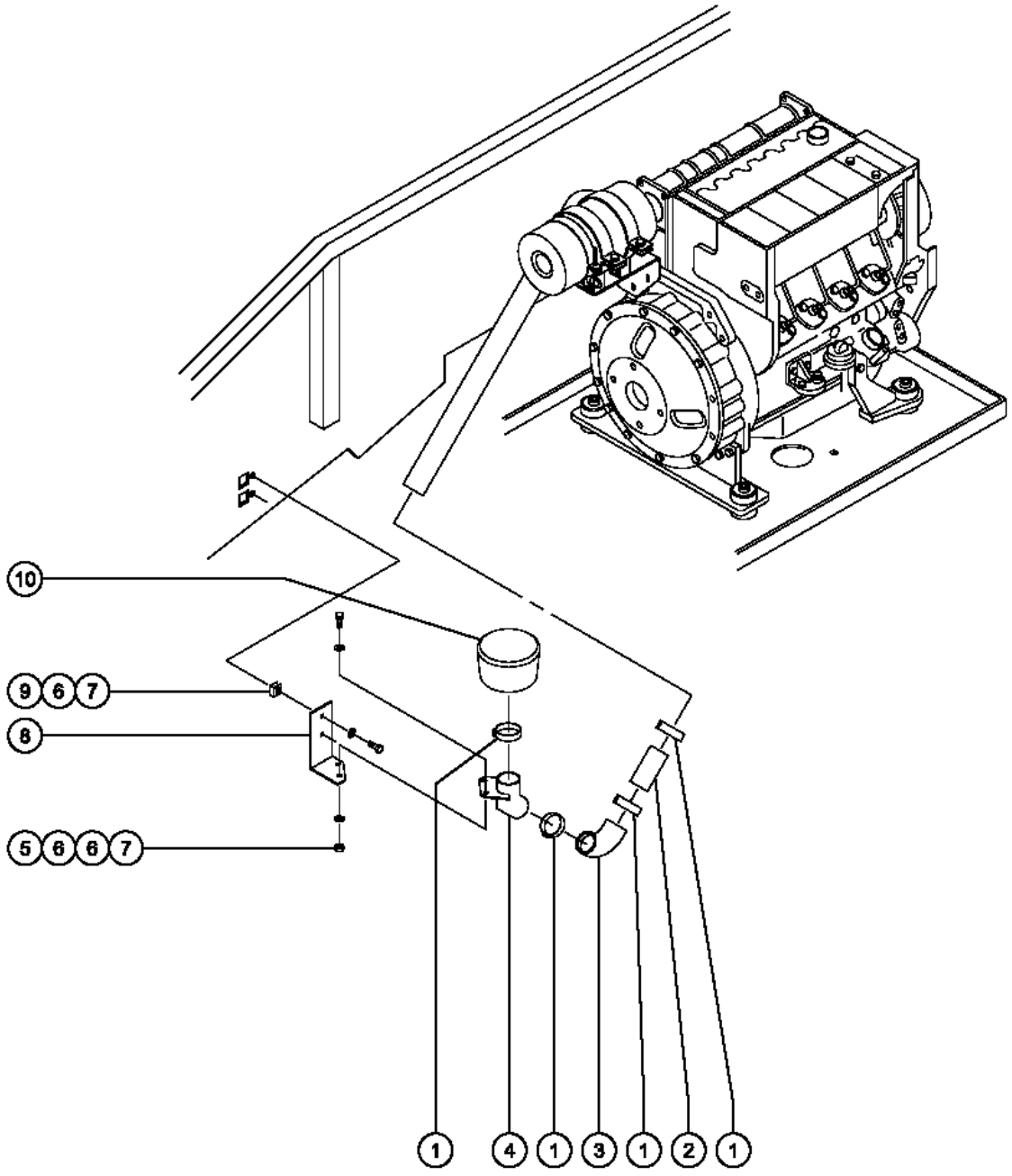
Item	*Part No.*	*Description*	*Qty.*
29	63181GT	WIPER	1
30	63137PGT	WIPER BRACKET, PNTD	1
31	63180PGT	WIPER BRACKET, PNTD	1
32	63141PGT	WIPER BRACKET, PNTD	1
33	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	34
34	6889GT	NUT,LP NYLOCK,1/4-20	34

810.1 Hostile Environment Package, Cable Track



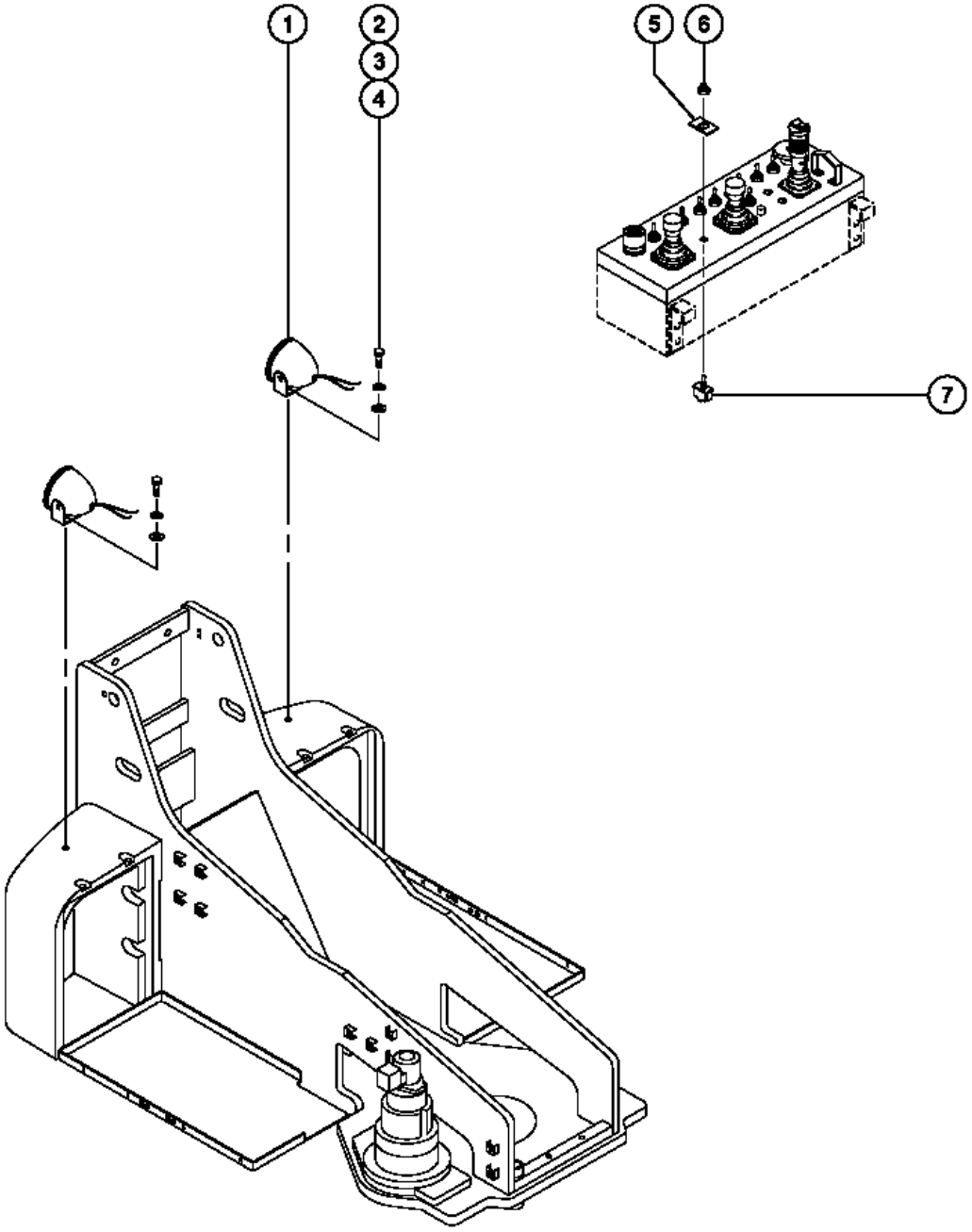
Item	Part No.	Description	Qty.
1	49626GT	BOLT PAD,CBL.TRK.CVR.,.50**	2
2	49625GT	BOLT PAD,CBL.TRK.CVR.,.75**	8
3	12037GT	RIVET,STL,STL,P,.25 X .5	27
4	53144GT	BRACKET,CBL TRK GASKET,S60/80	1
5	53145GT	BRACKET,CBL TRK GASKET,S60/80	1
6	53146GT	BRUSH,CABLE TRACK COVER, 6.69	1
7	49624GT	END COVER GASKET,CBLE 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



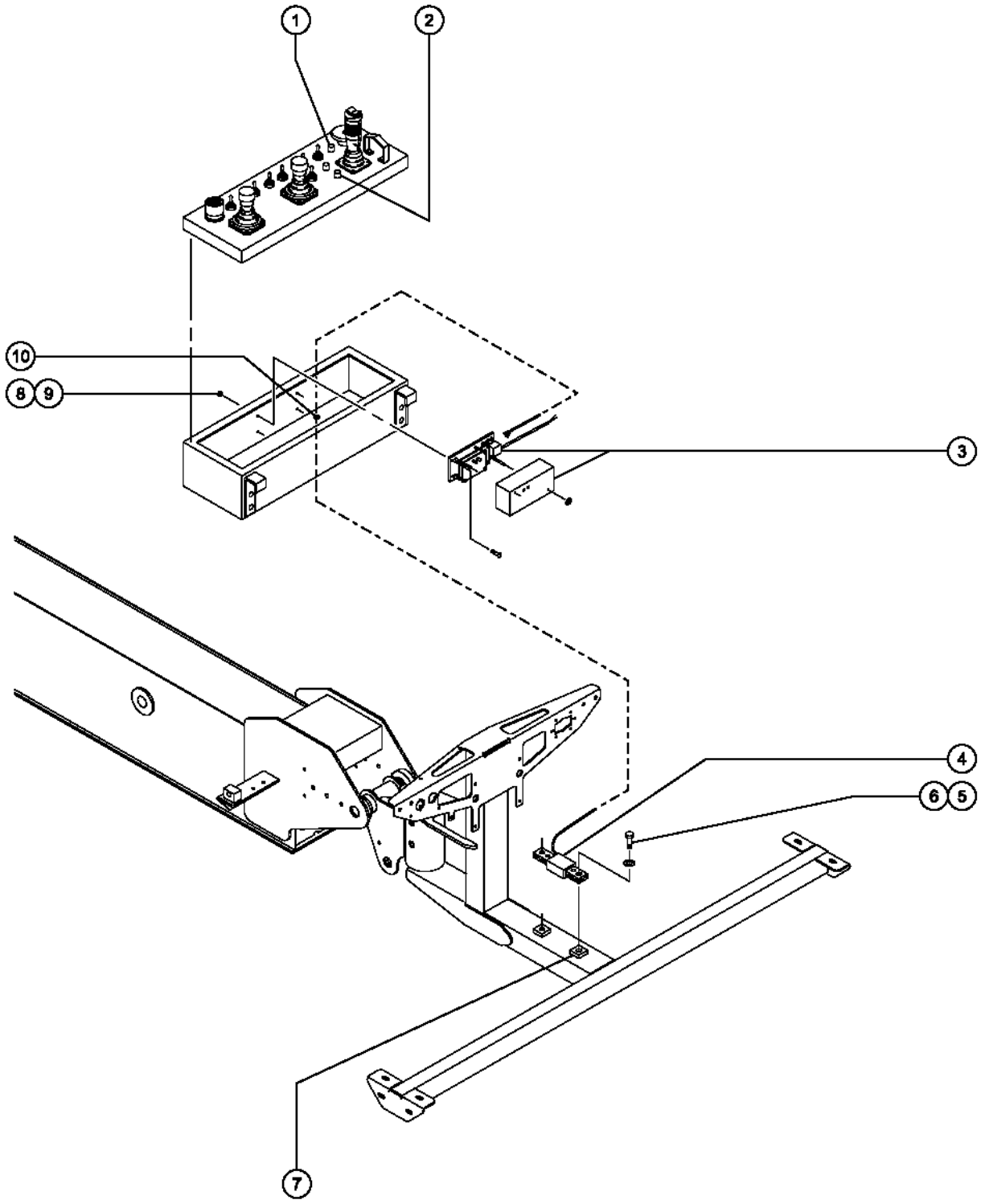
Item	Part No.	Description	Qty.
	36873GT	S60,80 HOSTILE ENVIRONMT,DEUTZ	
	102007GT	OPT,PRECLEANER,PERKINS,S40	
1	30971GT	CLAMP,HOSE,3.00"	4
2	35067GT	TUBE,RD,ALUM 2.5 X .083 Deutz models	8
2B	35067GT	TUBE,RD,ALUM 2.5 X .083 Perkins models	3
3	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	1
4	34526GT	WELDMENT,PRECLEANER MOUNT Deutz models	1
4	34894GT	WELDMENT,AIR CLEANER Perkins models	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 Deutz models	1
8-	63633PGT	BRKT, PREFILTER ADAPTER PAINTD Perkins models	1
9	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	2
10	34959GT	PRECLEANER,AIR INTAKE***	1

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



Item	Part No.	Description	Qty.
	46242FRGT	DECAL, LABEL, LOAD SENSOR	
1	824879GT	LIGHT,LED IND. RED 12V NH Diesel models	1
1B	45384GT	PLUG,NYLON .50 BLACK DOMED Gasoline/LPG models	1
2	824879GT	LIGHT,LED IND. RED 12V NH Gasoline/LPG models	1
2B	45384GT	PLUG,NYLON .50 BLACK DOMED Diesel models	1
3		Ref. MODULE,LOAD SENSE,W/12V RELAY (Component no longer available)	1
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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5397GT	115, 121, 127, 129, 133, 139...
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WARNING

Operating, servicing and maintaining this equipment, passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals can be emitted from or contained in other various parts and systems, fluids and some component wear by-products. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your equipment and vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment or vehicle and after operation. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.P65warnings.ca.gov/diesel.

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