



A TEREX BRAND

Parts Manual

Serial Number Range

Z-45/22

from SN 2133 to 9999

Part No. 52032GT
Rev: C.06
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.

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52032GT Rev C.06 September 2023
Third Edition, Second Printing

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 Printed on recycled paper



Model: Z-45/22

Serial number: Z452207A-8000

Model year: 2007 **Manufacture date:** 04/12/07

Electrical schematic number: ES0274

Machine unladen weight:

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

Maximum number of platform occupants: 2

Maximum allowable side force : 150 lb / 670 N

Maximum allowable inclination of the chassis:

0 deg

Maximum wind speed : 28 mph/ 12.5 m/s

Maximum platform height : 45 ft 6 in/ 13.8 m

Maximum platform reach : 25 ft 3 in/ 7.7 m

Gradeability: N/A

Country of manufacture: USA

This machine complies with:

ANSI A92.5

CAN B.354.4

Genie Industries

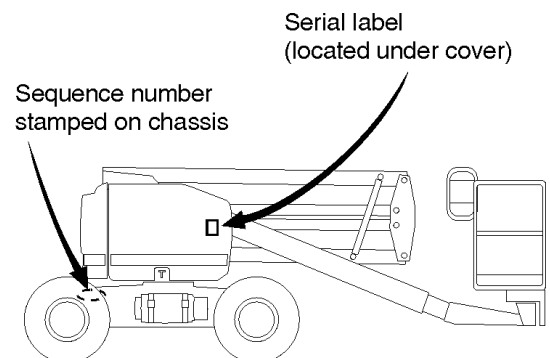
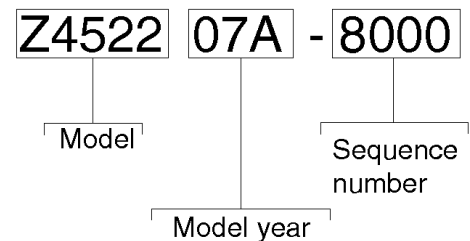
18340 NE 76th Street

Redmond, WA 98052

USA



11111111



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

Required Parts

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

Description	Part No.
Plug and Cap Kit (for ORFS fittings).....	33994
Hydraulic Tank Filter Element Kit.....	48470
Filter, Hydraulic Medium Pressure.....	20880
Lithium Based Grease.....(source locally)	
Dielectric Grease.....	66399
Drive Hub Oil (refer to Service Manual) ..(source locally)	
Safety Chock.....	36555

Deutz F3L-1011 Models:

Description	Part No.
Air Filter	27916
Fuel/water Separator Element.....	29560
Engine Oil Filter.....	49924
V-belt	32698

Ford LSG-423 Models (to serial number 2538):

Description	Part No.
Fuel Filter	28662
Engine Oil Filter.....	28656
Air Filter Element.....	27916
V-Belt	28652
PCV Valve	33957
Spark Plug.....	28647
Spark Plug Wires.....	28648

Ford LRG-425 Models (from serial number 2539 to 7600):

Description	Part No.
Fuel Filter	28662
Engine Oil Filter.....	28656
Air Filter Element.....	27916
Serpentine Belt.....	33961
PCV Valve.....	33957
Spark Plug	28647
Spark Plug Wires.....	33954

Ford LRG-425 Models (from serial number 7601):

Description	Part No.
Fuel Filter	52567
Filter, Pre-Filter.....	52179
Engine Oil Filter.....	52581
Air Filter Element.....	27916
Serpentine Belt.....	52580
PCV Valve.....	33957
Spark Plug	28647
Spark Plug Wires.....	52570

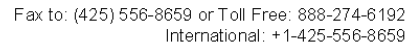
Recommended Parts

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

Manuals

Genie offers the following support documents for these models:

Title	Part No.
Genie Z-45/22 IC Operator's Manual (from serial number 1523 to 5051)	32921
Genie Z-45/22 IC Operator's Manual (from serial number 5052 to 9996)	43636
Genie Z-45/22 IC Service Manual	32960
EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5	31779



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

Optional Equipment _____

[illegible]

☐ 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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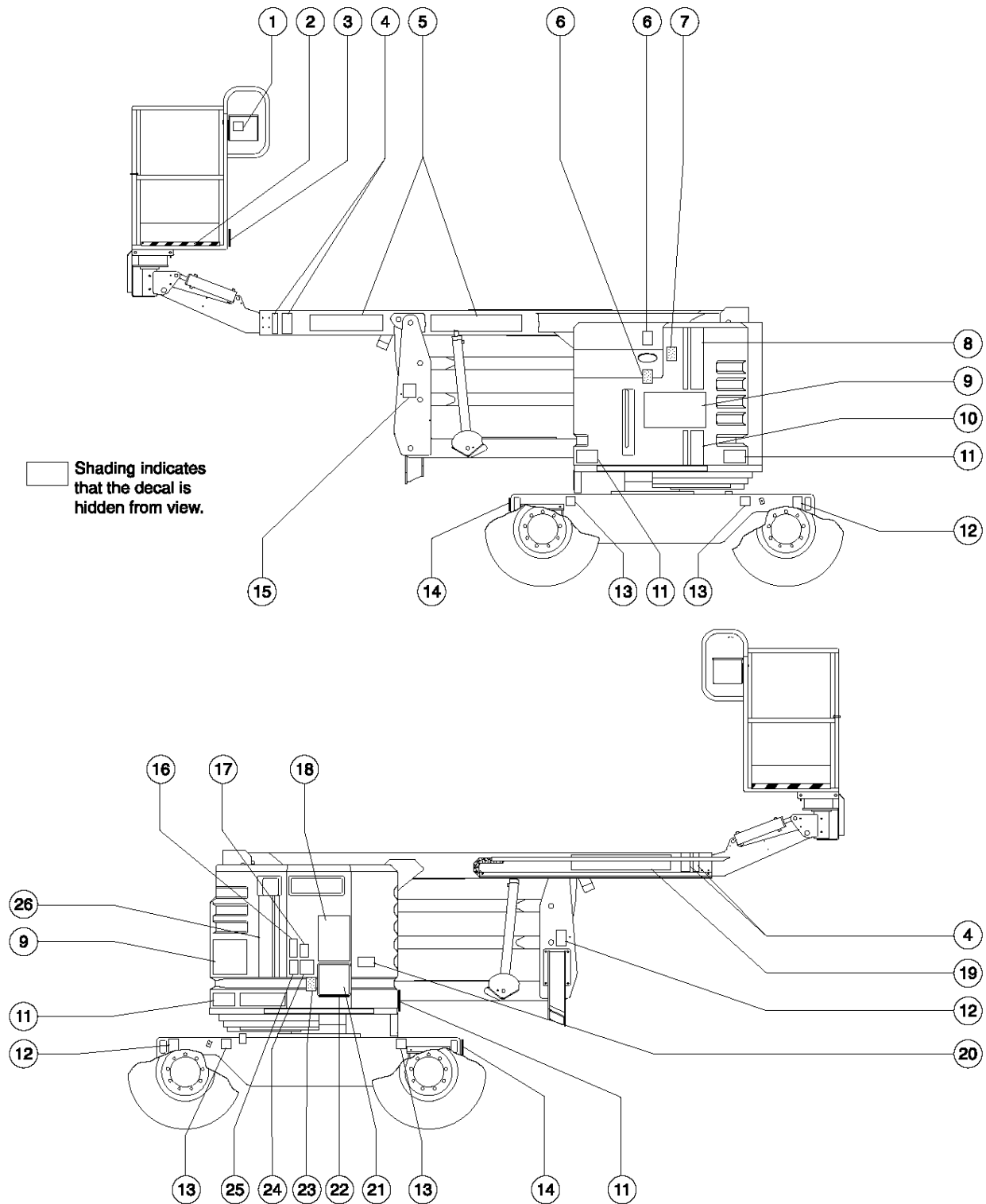
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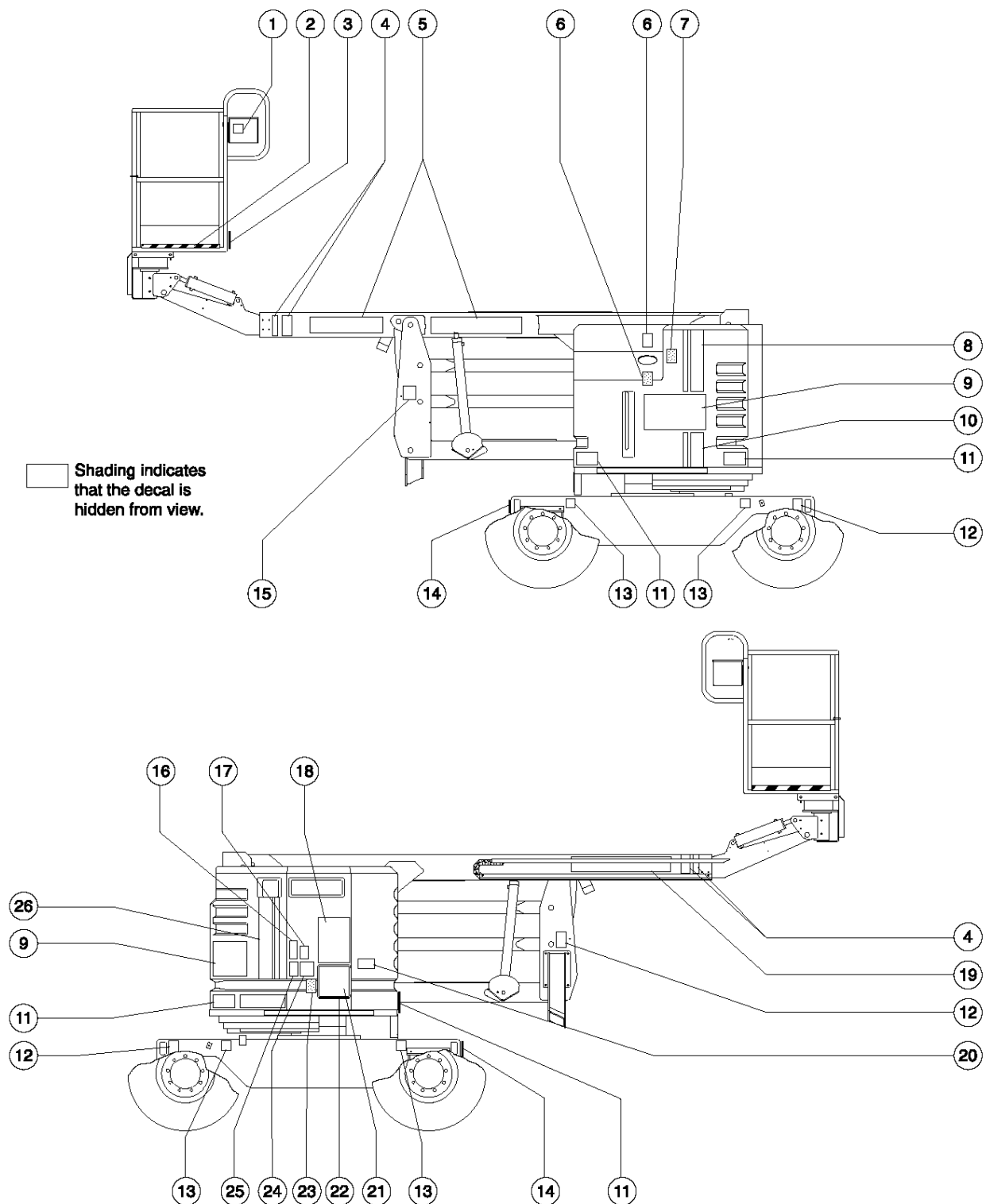
101.1 Decals and Paint - View 1 (from SN 5052)



101.1 Decals and Paint - View 1 (from SN 5052)

Item	Part No.	Description	Qty.
	48360GT	DECAL KIT,INSTRUCT,Z454X4 DIE index numbers 1 and 2 must be ordered separately	
	48361GT	DECAL KIT,INSTRUCT,Z454X4 GAS index numbers 1 and 2 must be ordered separately	
	27243GT	DECAL KIT,COSMETIC,Z45,1991 includes index numbers 4, 5, 8, 10, 14, 19 and 26	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	28235GT	DECAL, POWER TO PLATFORM 115V**	1
2	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1
3	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
4	28044GT	DECAL,STRIPE,6 X 21.4,WHITE	2
5	28042GT	DECAL,GENIE Z45/22,6 X 59	1
6A	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	2
6B	28159GT	DECAL,DIESEL	2
7	28157GT	DECAL,USE DEXRON***	1
8	28046GT	DECAL,STRIPE,6 X 18,BLUE	1
9A	27369GT	DECAL,GENIE 4WD, WHITE 4WD models	2
9B	27520GT	DECAL,GENIE BOOM, WHITE 2WD models	2
10	28047GT	DECAL,STRIPE,6 X 13,BLUE	1
11	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	4
12	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
13	29935GT	DECAL,NOTICE,TIRE PRESS&TORQUE	4
14	21383GT	DECAL,GENIE BOOM,24.5",WHITE	2
15	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
16	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
17	28171GT	DECAL,DANGER,NO SMOKING ***	1
18	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
19	28043GT	DECAL,GENIE Z45/22,4 X 39	1

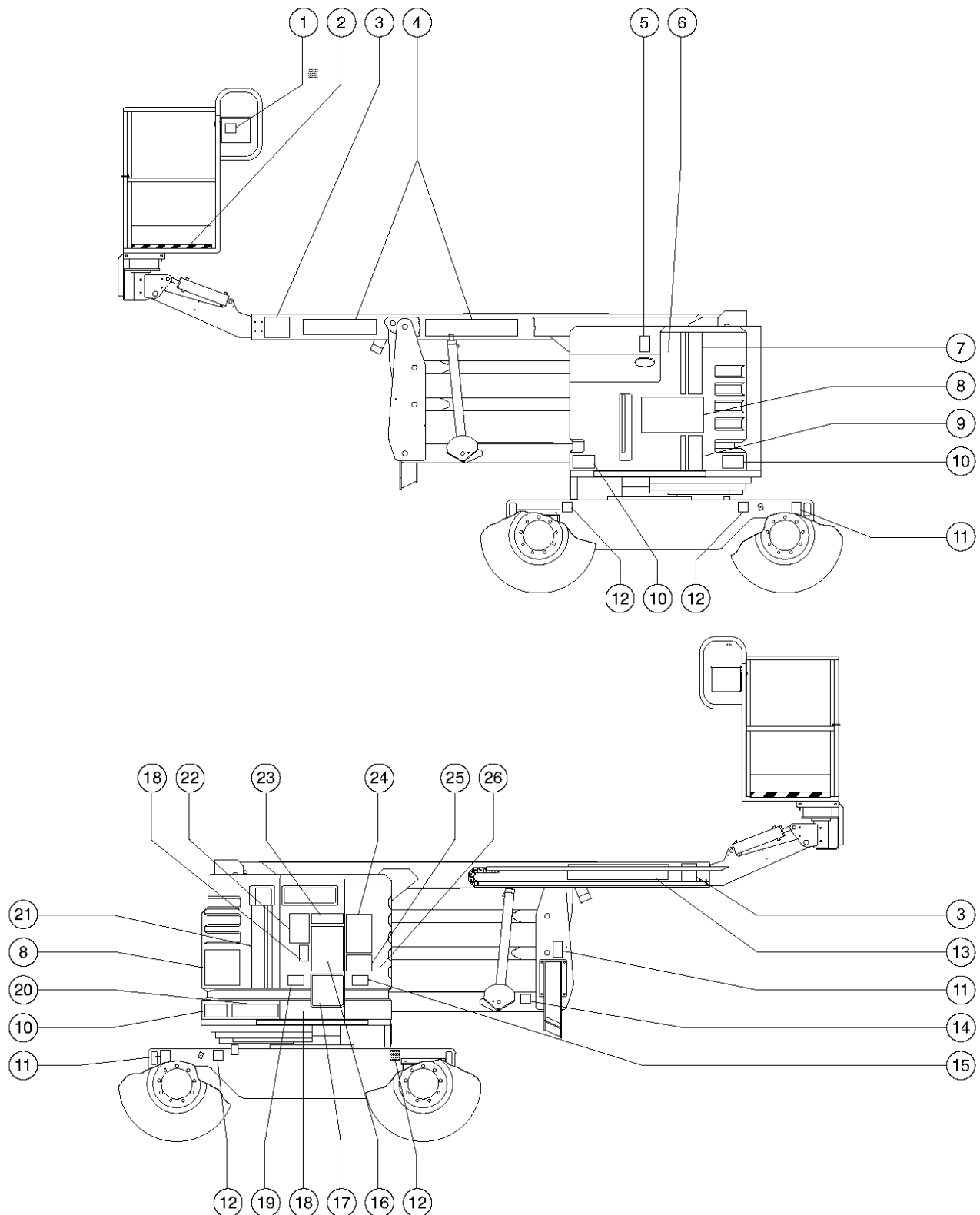
101.1 Decals and Paint - View 1 (from SN 5052)



101.1 Decals and Paint - View 1 (from SN 5052)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
20	43647GT	DECAL,NOTICE,OPER INST.IC***	1
21	43659GT	DECAL,GROUND CONTROL PANEL	1
22	43663GT	DECAL,NOTICE, FUNCTION ENABLE*	1
23A	35440GT	DECAL,NOTICE, FORD ENG SPEC**	1
23B	35020GT	DECAL,NOTICE,DEUTZ ENG SPEC**	1
24	28175GT	DECAL,WARNING-COMPART ACCESS	1
25	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
26	28045GT	DECAL,STRIPE,6 X 25.5,BLUE	1

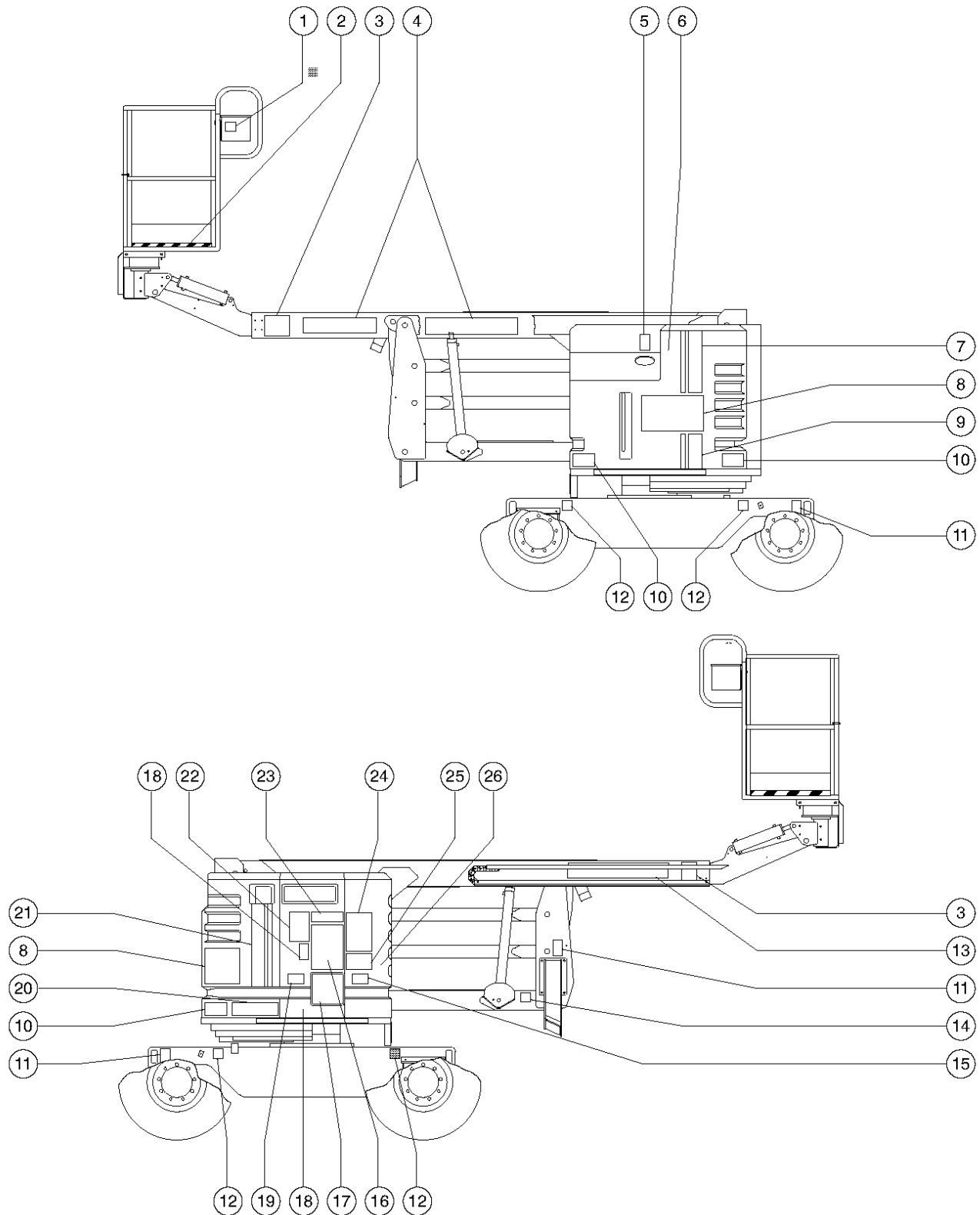
101.2 Decals and Paint - Profile View (to SN 5051)



101.2 Decals and Paint - Profile View (to SN 5051)

Item	Part No.	Description	Qty.
	27244GT	DECAL KIT,INSTRUCTIONAL,Z45 does not include index numbers 2 and 5, which are ordered separately, for units built to 4/95	
	35031GT	DECAL KIT,INSTRUCT,Z45,5/94 for units built from 4/95	
	27243GT	DECAL KIT,COSMETIC,Z45,1991	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1A	28235GT	DECAL, POWER TO PLATFORM 115V**	1
1B	28174GT	DECAL, POWER TO PLATFORM 230V**	1
2	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1
3	28044GT	DECAL,STRIPE,6 X 21.4,WHITE	2
4	28042GT	DECAL,GENIE Z45/22,6 X 59	1
5A	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	2
5B	28159GT	DECAL,DIESEL	2
6	28157GT	DECAL,USE DEXRON***	1
7	28046GT	DECAL,STRIPE,6 X 18,BLUE	1
8A	27369GT	DECAL,GENIE 4WD, WHITE	2
		4WD Models	
8B	27520GT	DECAL,GENIE BOOM, WHITE	2
		2WD Models	
9	28047GT	DECAL,STRIPE,6 X 13,BLUE	1
10	25980GT	DECAL,ELECTROCUTION HAZARD	3
11	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
12	29935GT	DECAL,NOTICE,TIRE PRESS&TORQUE	4
13	28043GT	DECAL,GENIE Z45/22,4 X 39	1
14	28179GT	DECAL,WARN,DON'T ALTER LIMIT	1
15	27003GT	DECAL,PERFORM INSPECTIONS	1
16	25975GT	DECAL,OPER. INSTR.	1
17	30084GT	DECAL,GROUND CONTROL PANEL	1
18	25994GT	DECAL,NOTICE,SHUTOFF VALVES	2

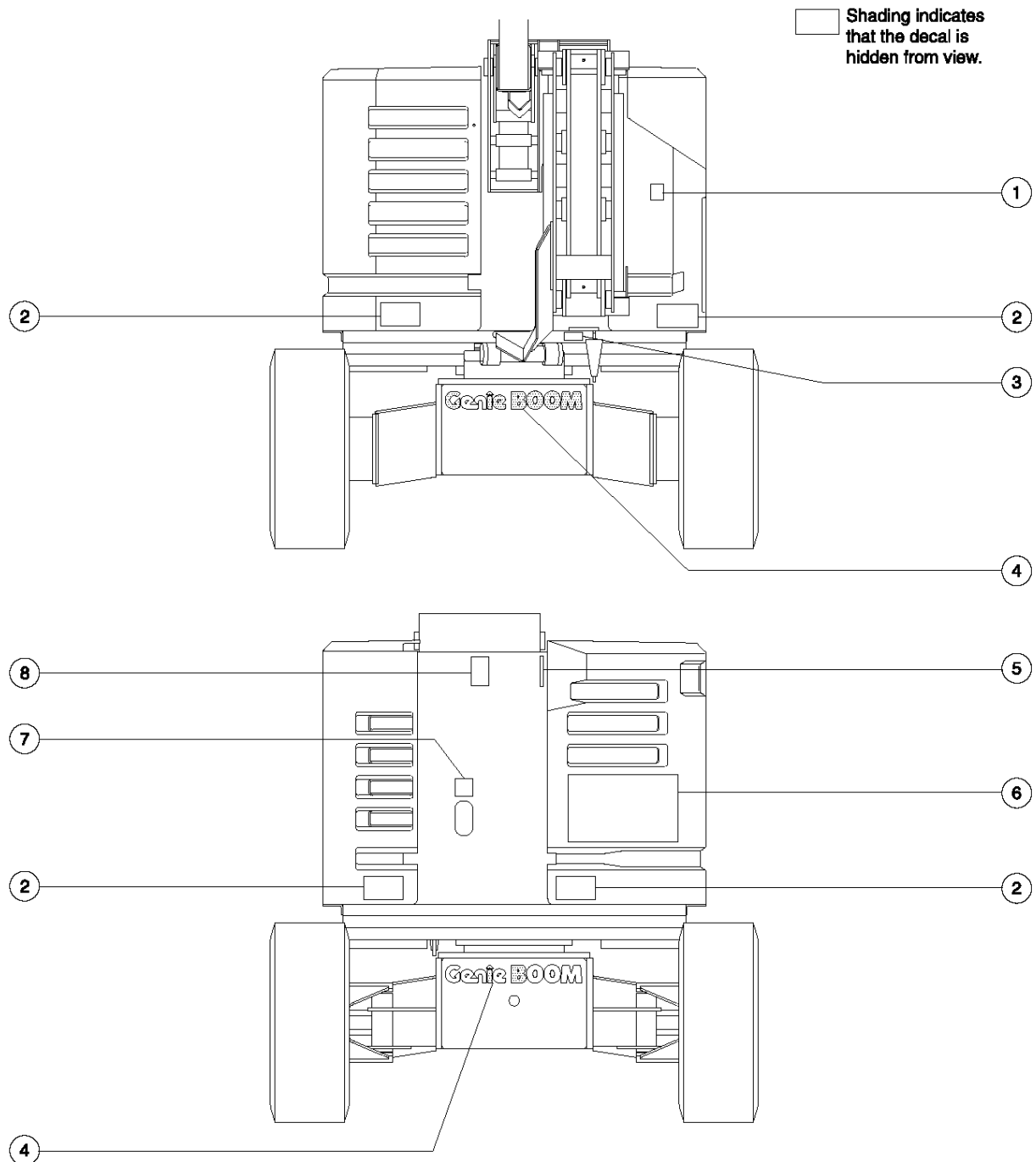
101.2 Decals and Paint - Profile View (to SN 5051)



101.2 Decals and Paint - Profile View (to SN 5051)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
19	25983GT	DECAL,DANGER FALL HAZ.	1
20	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
21	28045GT	DECAL,STRIPE,6 X 25.5,BLUE	1
22	25989GT	DECAL,WALK AROUND FUNCTN.TEST	1
23	25066GT	DECAL,IMPROPER USE HAZARD	1
24	25979GT	DECAL,SAFETY RULES	1
25	25981GT	DECAL,ELECTROCUTION HAZARD	1
26	25990GT	DECAL,DANGER MOVING PARTS	1

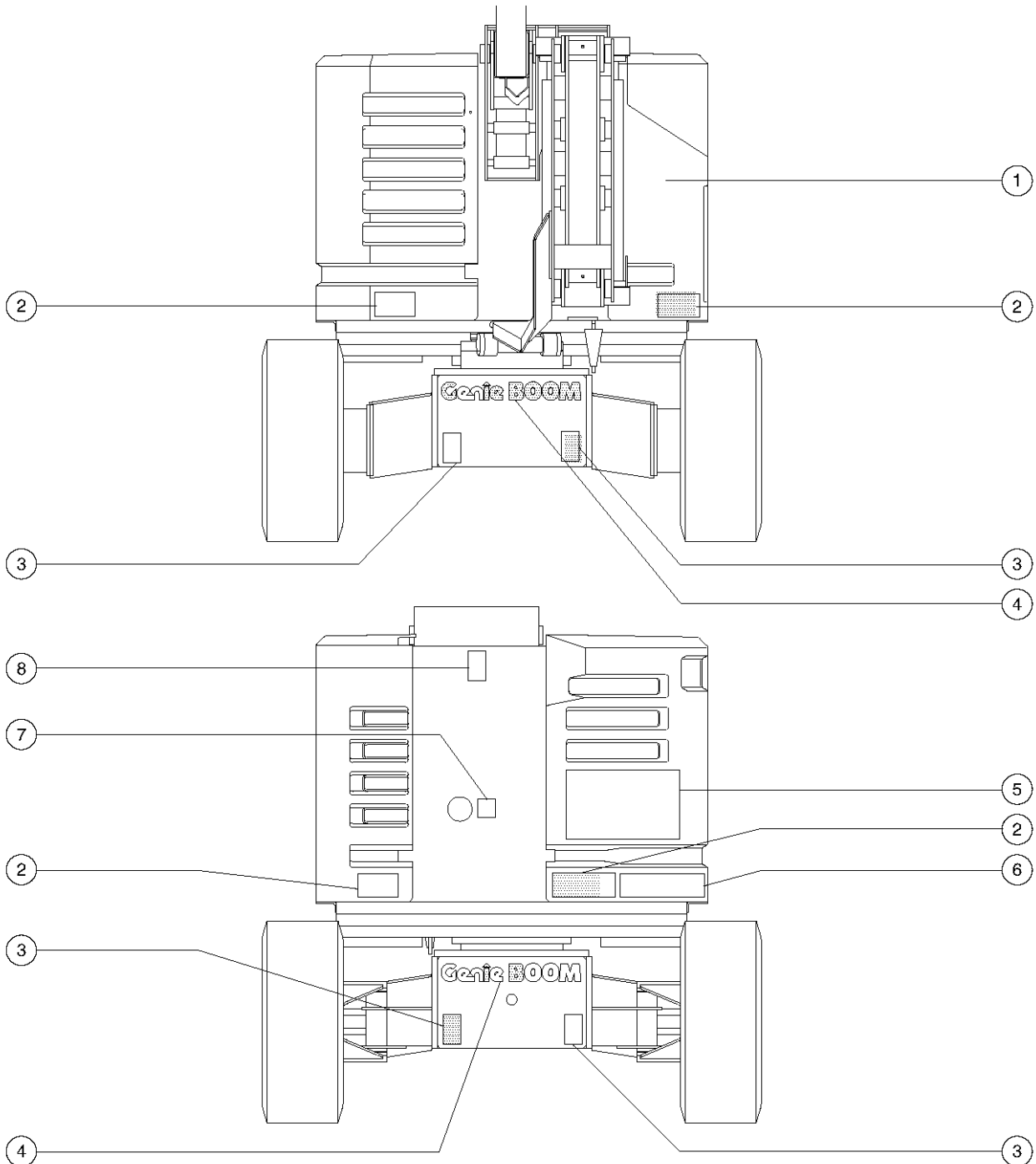
102.1 Decals and Paint - View 2 (from SN 5052)



102.1 Decals and Paint - View 2 (from SN 5052)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	28160GT	DECAL,LABEL,LIQUID PROPANE	1
		Gasoline/LPG models	
2	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	4
3	44981GT	DECAL LABEL AIRLINE 110PSI	1
4	21383GT	DECAL,GENIE BOOM,24.5",WHITE	2
5	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
6A	27369GT	DECAL,GENIE 4WD, WHITE	1
		4WD models	
6B	27520GT	DECAL,GENIE BOOM, WHITE	1
		2WD models	
7A	28235GT	DECAL, POWER TO PLATFORM 115V**	1
7B	28174GT	DECAL, POWER TO PLATFORM 230V**	1
8	28161GT	DECAL,WARN,CRUSH HAZARD HAND	1

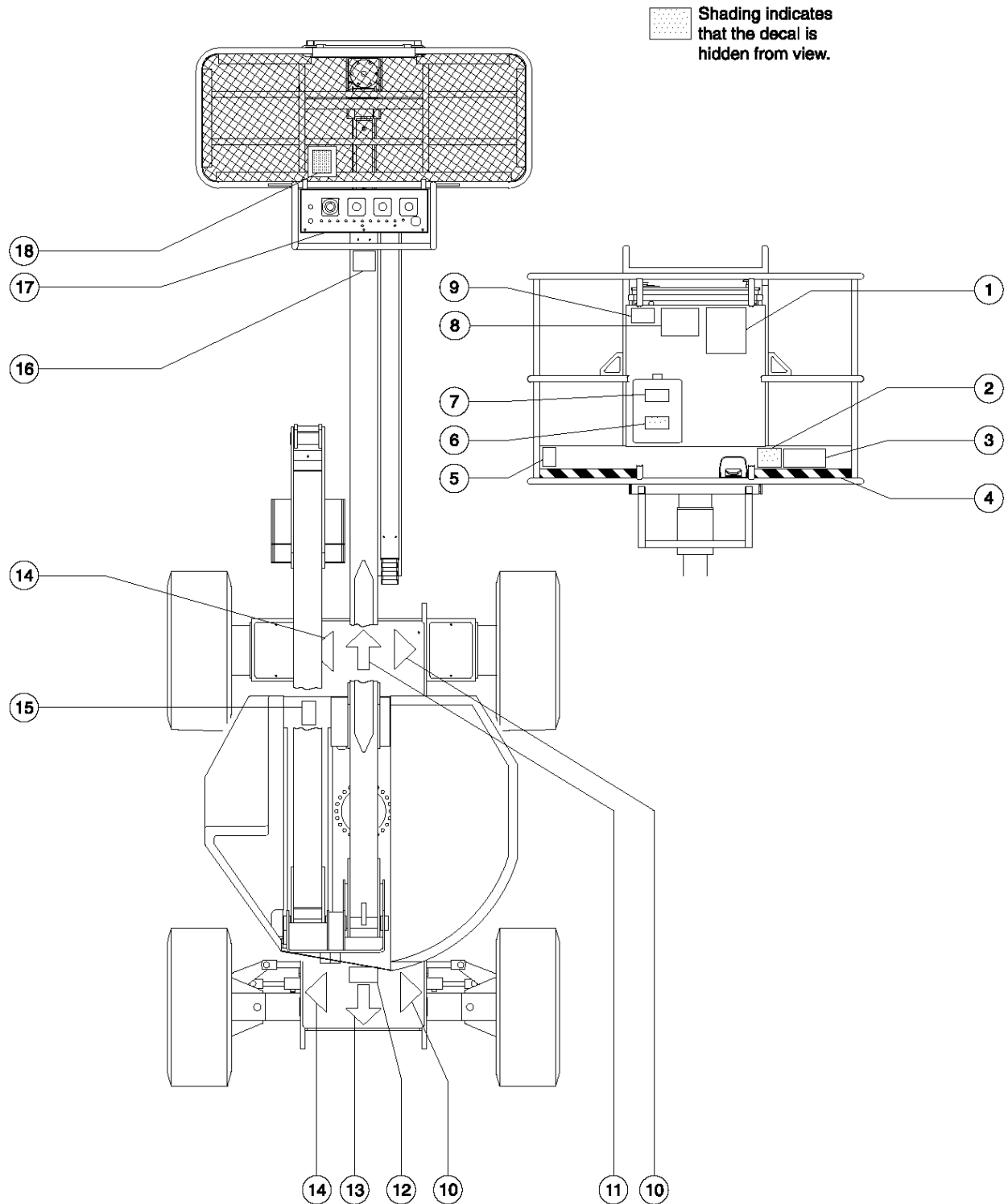
102.2 Decals and Paint - End View (to SN 5051)



102.2 Decals and Paint - End View (to SN 5051)

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

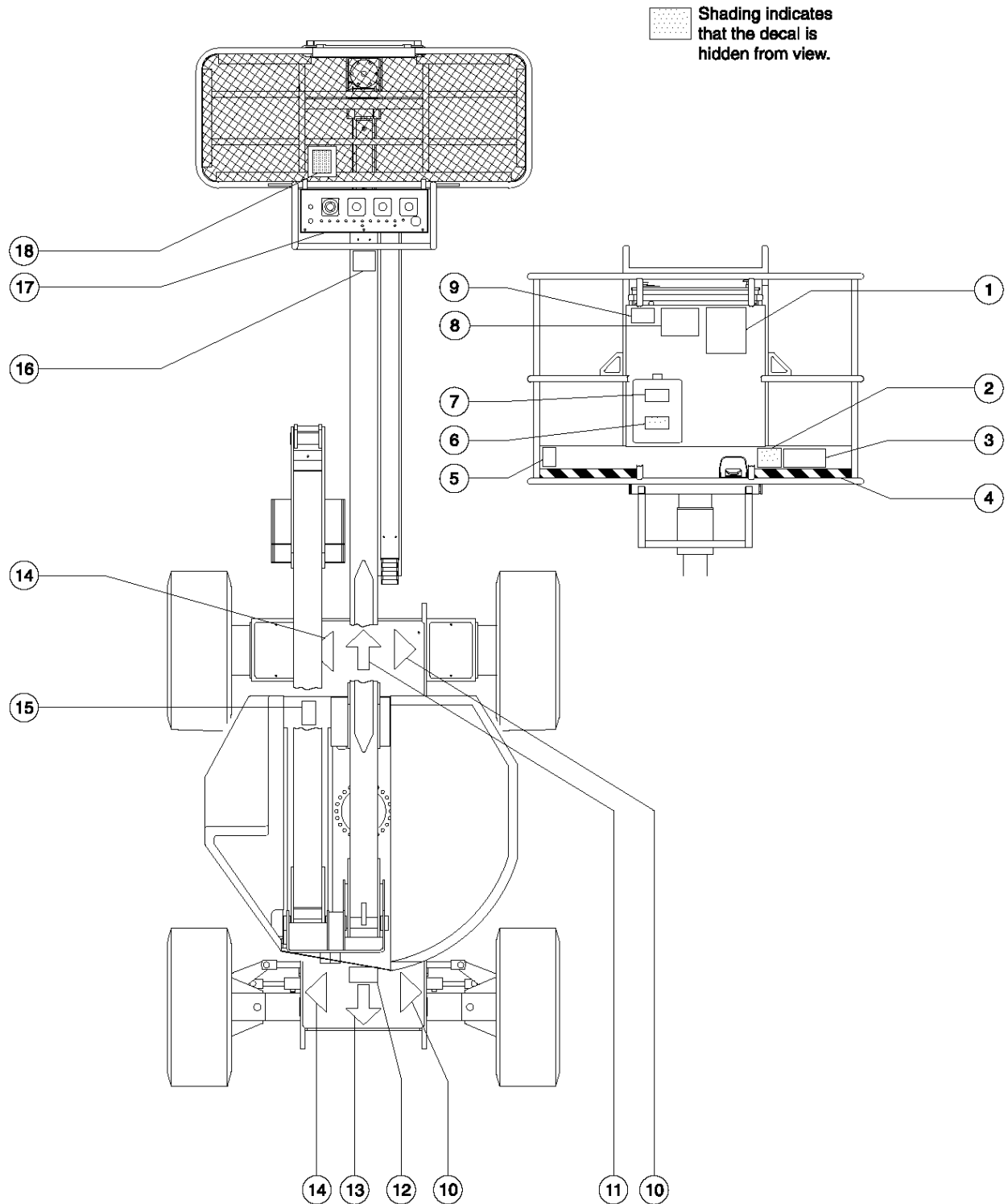
103.1 Decals and Paint - View 3 (from SN 5052)



103.1 Decals and Paint - View 3 (from SN 5052)

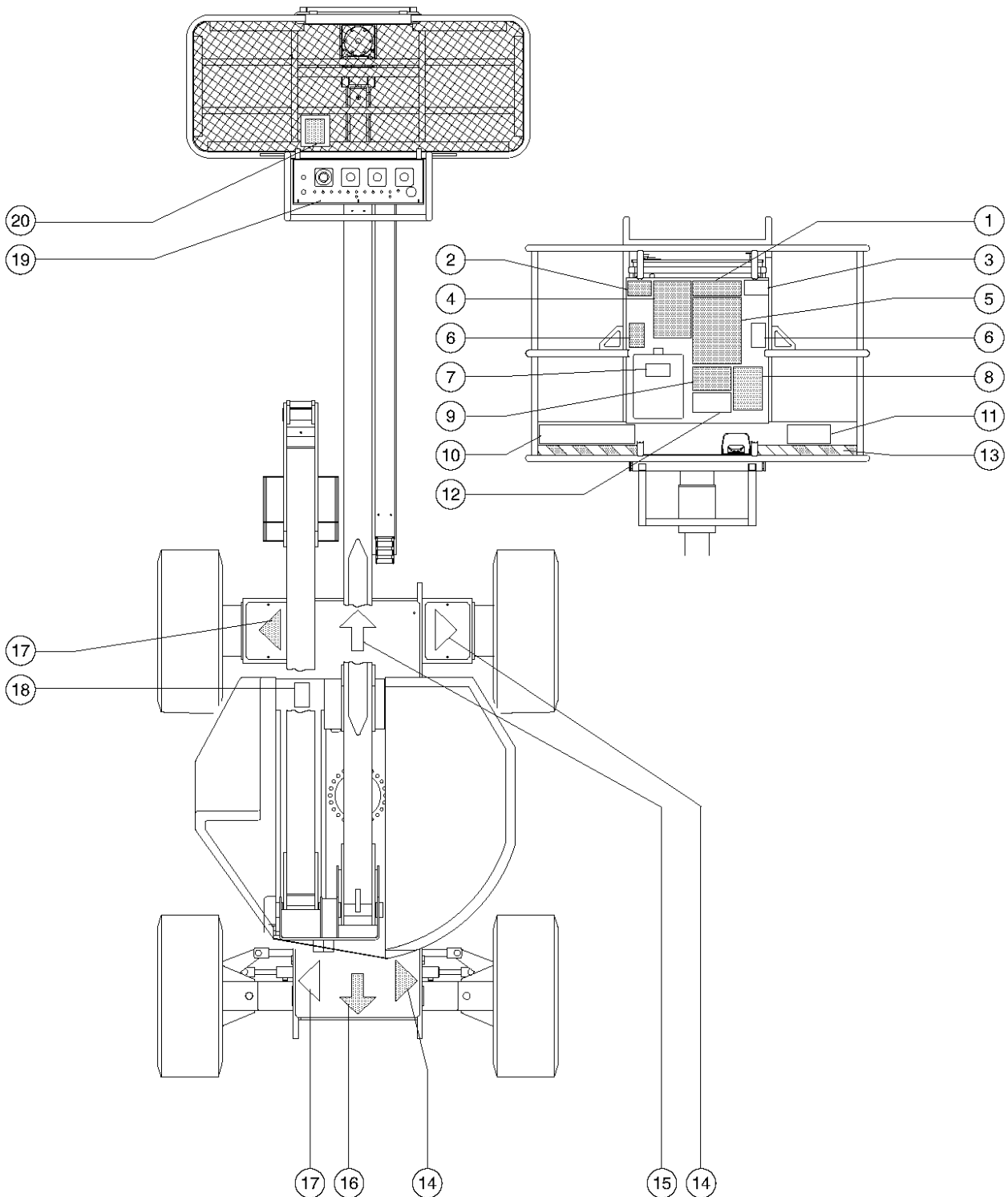
Item	Part No.	Description	Qty.
	48360GT	DECAL KIT,INSTRUCT,Z454X4 DIE index numbers 2, 3 and 4 must be ordered separately	
	48361GT	DECAL KIT,INSTRUCT,Z454X4 GAS index numbers 2, 3 and 4 must be ordered separately	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
2	44981GT	DECAL LABEL AIRLINE 110PSI	1
3A	37052GT	DECAL,NOTICE,MAX LOAD 500 LBS ANSI and CSA Models	1
3B	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS CE Models	1
4	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1
5	37051GT	DECAL,NOTICE,SIDE FRC 150,ANSI	1
6	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
7	28236GT	DECAL,WARN,IMPROPER OPERATION	1
8	43647GT	DECAL,NOTICE,OPER INST.IC***	1
9	33952GT	DECAL,DANGER,TILT ALARM	1
10	27206GT	DECAL,TRIANGLE,BLUE	2
11	27205GT	DECAL,ARROW YELLOW LRG 9"	1
12	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
13	27204GT	DECAL,ARROW BLUE	1
14	27207GT	DECAL,TRIANGLE,YELLOW	2
15	28161GT	DECAL,WARN,CRUSH HAZARD HAND	1
16	28181GT	DECAL,WARN,FALL HAZARD	1
17A	32922GT	DECAL,PLATFORM CTRL PANEL *** to SN 7965	1
17B	52230GT	DECAL,PLATFORM CTRL PANEL *** from SN 7966	1
17C	33949GT	DECAL,PROTECTOR PLAT,S80/60***	1
17D	32726GT	DECAL,OPTION GLOW PLUGS*** (patch)	1
17E	32728GT	DECAL,OPTION GENERATOR*** (patch)	1

103.1 Decals and Paint - View 3 (from SN 5052)



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
17F	72867GT	DECAL,LABEL,LIGHTS*** (patch)	1
17G	44769GT	DECAL,LABEL,LFT/DRV SELECT (patch)	1
18	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1

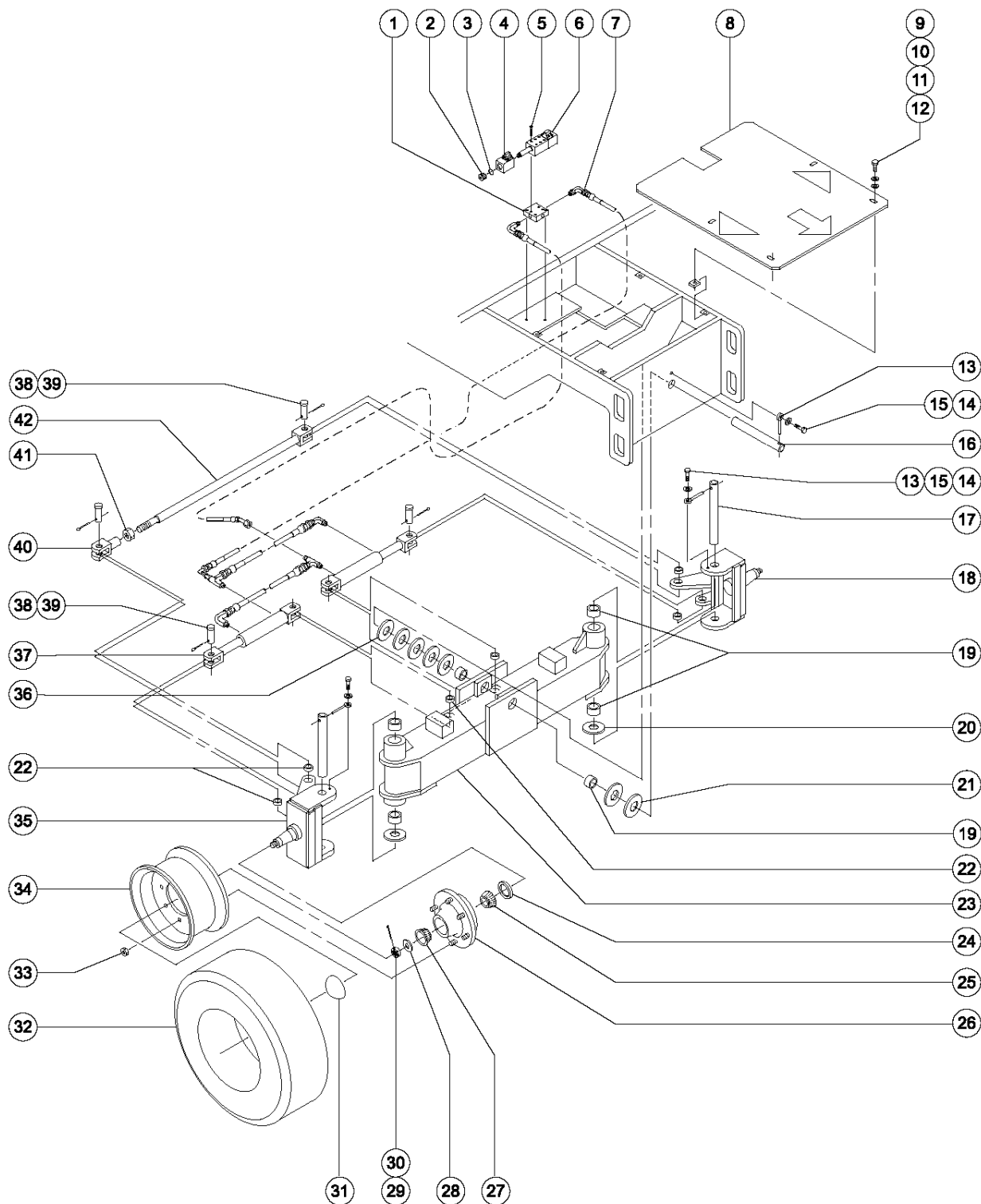
103.2 Decals and Paint - Overhead View and Platform (to SN 5051)



103.2 Decals and Paint - Overhead View and Platform (to SN 5051)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	27244GT	DECAL KIT,INSTRUCTIONAL,Z45 for units built to 4/95	
	35031GT	DECAL KIT,INSTRUCT,Z45,5/94 for units built from 4/95	
	27243GT	DECAL KIT,COSMETIC,Z45,1991	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	25066GT	DECAL,IMPROPER USE HAZARD	1
2	27044GT	DECAL,TIP OVER MAX LOAD	1
3	25983GT	DECAL,DANGER FALL HAZ.	1
4	25979GT	DECAL,SAFETY RULES	1
5	25975GT	DECAL,OPER. INSTR.	1
6	25988GT	DECAL,LANYARD ANCHOR	2
7	28236GT	DECAL,WARN,IMPROPER OPERATION	1
8	25989GT	DECAL,WALK AROUND FUNCTN.TEST	1
9	25981GT	DECAL,ELECTROCUTION HAZARD	1
10	37051GT	DECAL,NOTICE,SIDE FRC 150,ANSI	1
11	37052GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
12	25982GT	DECAL,PLAT.FALL HAZARD	1
13	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1
14	27206GT	DECAL,TRIANGLE,BLUE	2
15	27205GT	DECAL,ARROW YELLOW LRG 9"	1
16	27204GT	DECAL,ARROW BLUE	1
17	27207GT	DECAL,TRIANGLE,YELLOW	2
18	28161GT	DECAL,WARN,CRUSH HAZARD HAND	1
19	32922GT	DECAL,PLATFORM CTRL PANEL ***	1
20	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1

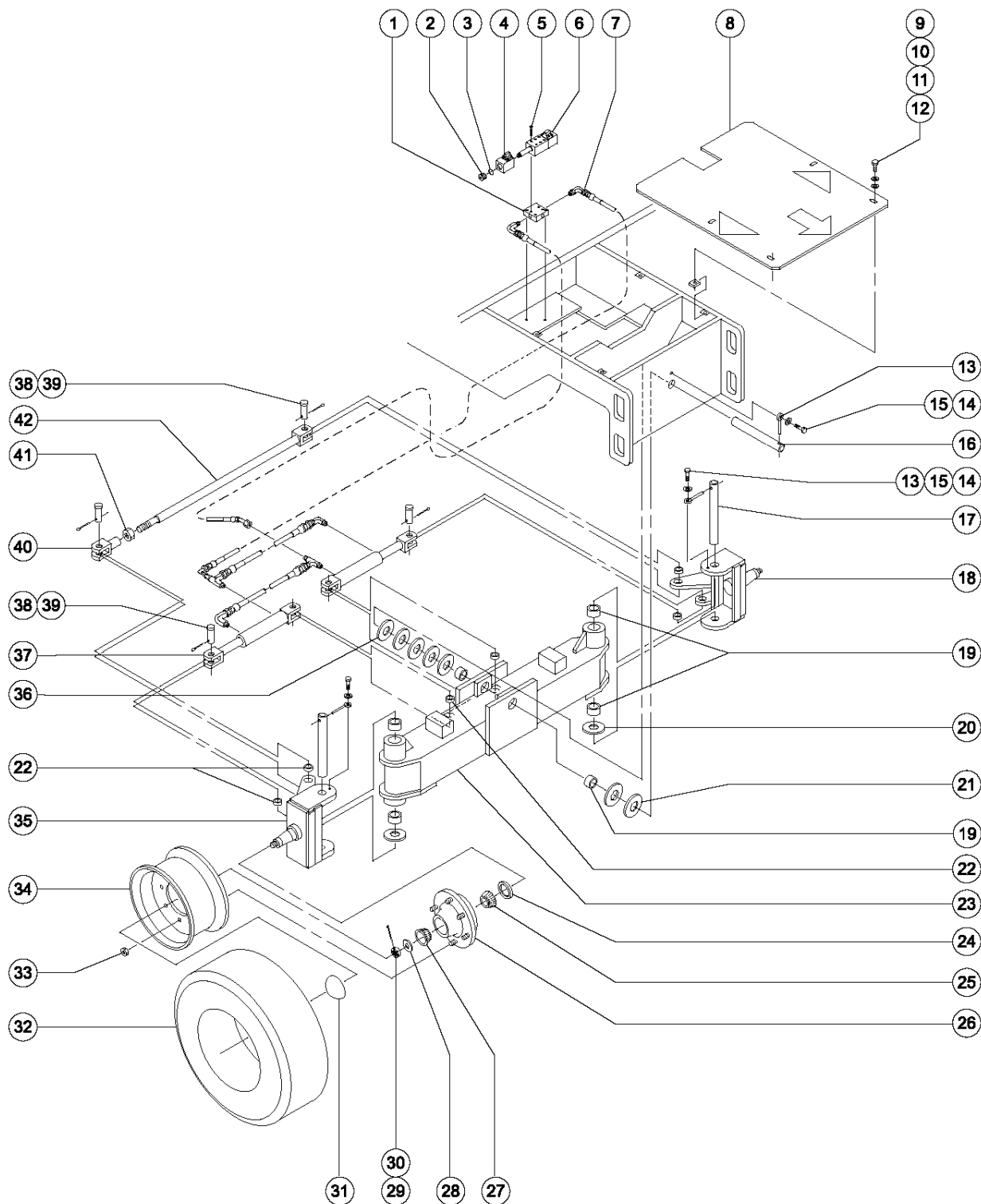
201.1 2WD Steer Axle Linkage - Non-oscillating Models



201.1 2WD Steer Axle Linkage - Non-oscillating Models

Item	Part No.	Description	Qty.
1	24675GT	SUB PLATE (SPOOL VALVE)	1
2	48649GT	NUT-D03 COIL	2
3	48648GT	O-RING, D03 COIL	2
4	223763GT	COIL WITH DE CONNECTOR	2
5	43255GT	SCREW,SHC,10-24 X 2	4
6	146160GT	VALVE KIT,D03 includes index numbers 2, 3 and 4	1
7		Ref. Hydraulic Hoses and Fittings refer to section 207.1	1
8	27661GT	COVER W/DECAL,FRONT	1
9	6090GT	SCREW, HHC, 1/4-20 X .75	4
10	6356GT	WASHER,LOCK,.25	4
11	6638GT	WASHER, FLAT, USS, 1/4"Y	4
12	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
13	825019GT	ROD END, .375X3.69, ZAG	3
14	6175GT	SCREW,HHC,3/8-16 X 1	3
15	6021GT	WASHER,LOCK,.375	3
16	29057GT	PIN,AXLE PIVOT,10.75 X 1.5"	1
17	25058GT	PIN,KING,14.5 X 1.5 INCH	2
18	27684GT	YOKE ASSY,L.H.,2WD W/BUSHINGS includes 2 each index number 22	1
19	45071GT	BEARING,1.5IDX1.75ODX1.5L	6
20	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
21	1256117GT	WASHER,SHIM,1.56X3.5X.061,ZAG	2
22	25817GT	BEARING,1.00IDX1.25ODX1.00L	6
23	27686GT	AXLE ASSY, RIGID FRONT (2WD) includes 2 each index number 22 and 6 each index number 19	1
24	45110GT	SEAL-GREASE,MODEL 60-8	2
24	45873GT	SEAL/BEARING KIT (45043,54840) includes index numbers 24, 25, 27 through 31 and races	2
25	45107GT	INNER CONE - MODEL 60-8 large bearing race not included	2
25A	40145GT	BEARING RACE (LARGE) (45873) inner cone not included	2
26	45043GT	HUB ASSEMBLY MODEL#60-8*** includes index numbers 24, 25, 27 and 31 and races	2

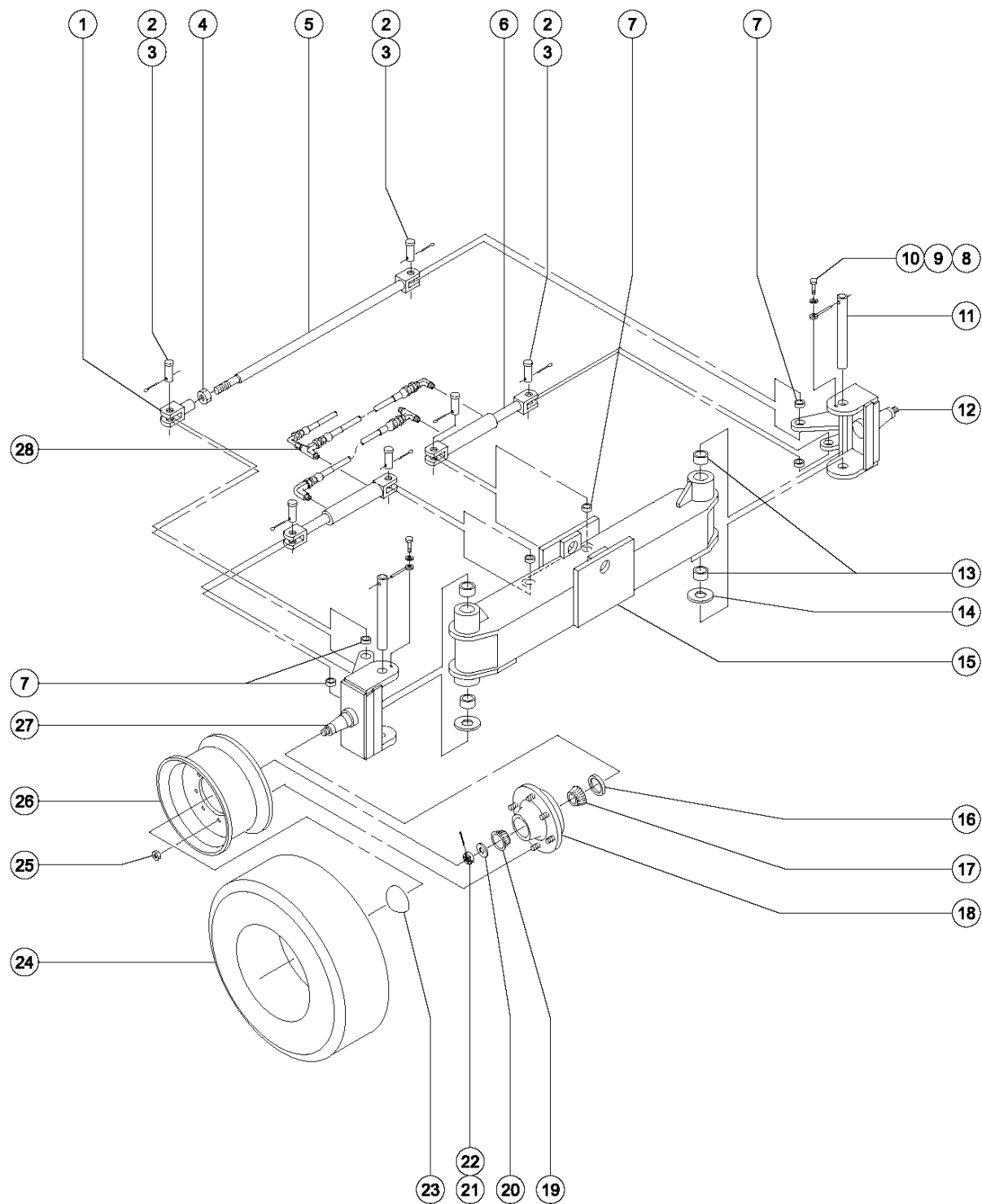
201.1 2WD Steer Axle Linkage - Non-oscillating Models



201.1 2WD Steer Axle Linkage - Non-oscillating Models

Item	Part No.	Description	Qty.
26-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	6
27	45108GT	OUTER CONE - MODEL 60-8 small bearing race not included	2
27A	40146GT	BEARING RACE (SMALL) (45873) outer cone not included	2
28	45112GT	WASHER,SPINDLE	2
29	45113GT	NUT,SPINDLE,1-14	2
30	45114GT	PIN,COTTER,.219 X 1.75	2
31	45111GT	CAP,DUST,45873 HUB KIT	2
32	45093GT	WHEEL ASSY, INDUSTRIAL, AF Industrial, Air-filled	2
32-	54140GT	TUBELESS PNEUMATIC TIRE,9-14LT for 45093	
32A	45460GT	WHEEL ASSY, INDUSTRIAL, FF Industrial, Foam-filled	2
32B	40136GT	WHEEL ASSY, INDUSTRIAL, AF NM Industrial, Non-marking, Air-filled	2
32B-	54234GT	TUBELESS TIRE,9-14.5,NON-M 47# for 40136	
32C	1267845GT	WHEEL ASSY, INDUSTRIAL, FF NM Industrial, Non-marking, Foam-filled	2
33	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	16
34A	45040GT	RIM,Z45,14.5 X 7(8 HOLE ON 8BC	2
34B	27318GT	WHEEL,17.5X10.5,8 HOLES/8BC%%%	2
35	27685GT	YOKE ASSY,RT.HAND W/BUSHINGS includes 2 each index number 22	1
36	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	5
37	24390GT	CYLINDER,STEER,2 X 6	2
37-	45548GT	SEAL KIT (CYL PN 13078) BL	2
38	19440GT	PIN,CLEVIS,1 X 2.5 LG	6
39	5361GT	PIN,COTTER,.125 X 1.5	6
40	23154-SGT	WELDMENT,ROD END	1
41	28352GT	NUT,HEX,JAM,1-8	1
42	24544GT	TIE ROD WELDMENT Z/45	1

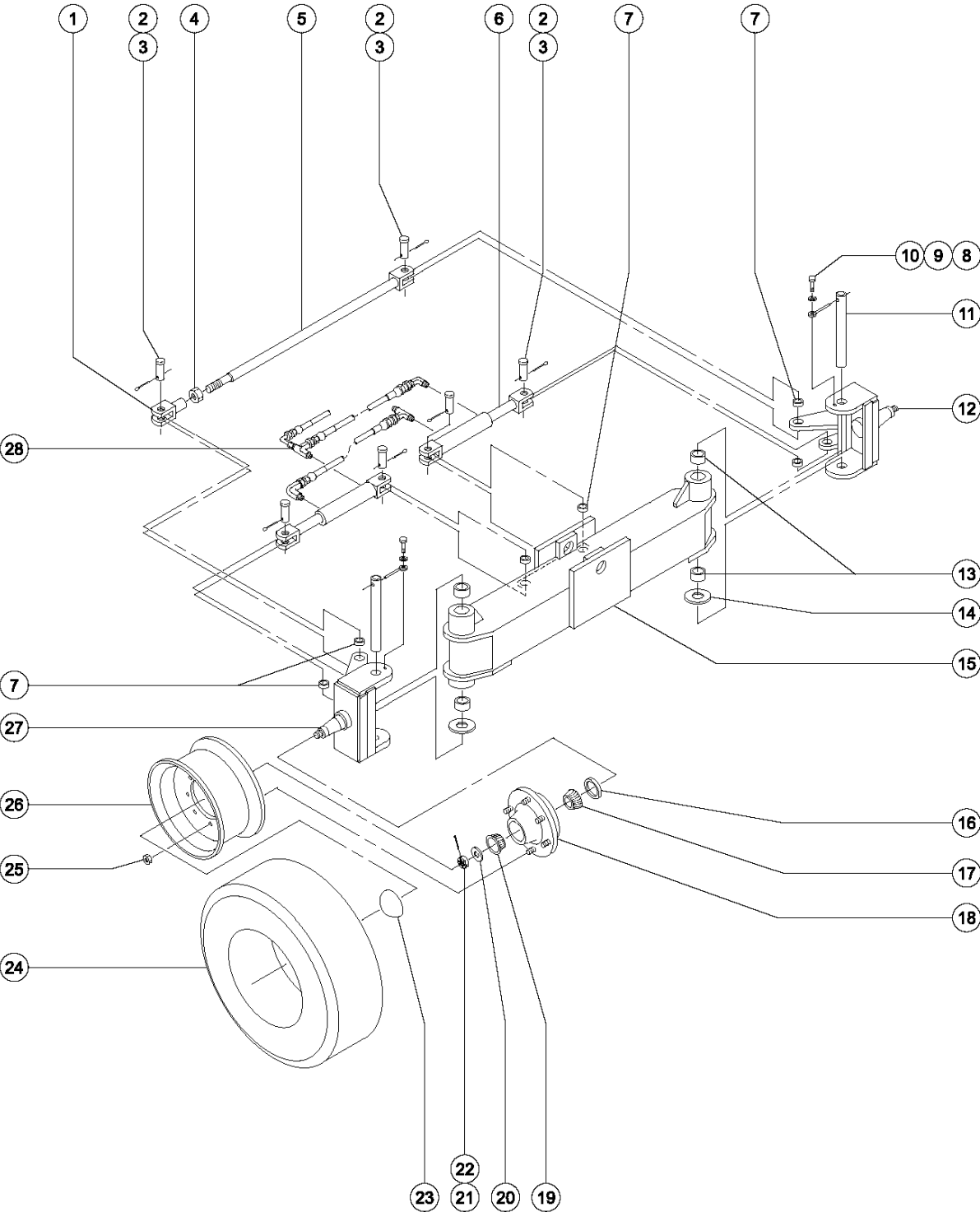
202.1 2WD Steer Axle Linkage - Oscillating Models



202.1 2WD Steer Axle Linkage - Oscillating Models

Item	Part No.	Description	Qty.
1	23154-SGT	WELDMENT,ROD END	1
2	19440GT	PIN,CLEVIS,1 X 2.5 LG	6
3	5361GT	PIN,COTTER,.125 X 1.5	6
4	28352GT	NUT,HEX,JAM,1-8	1
5	24544GT	TIE ROD WELDMENT Z/45	1
6	24390GT	CYLINDER,STEER,2 X 6	2
6-	45548GT	SEAL KIT (CYL PN 13078) BL	2
7	25817GT	BEARING,1.00IDX1.25ODX1.00L	6
8	6175GT	SCREW,HHC,3/8-16 X 1	2
9	6021GT	WASHER,LOCK,.375	2
10	825019GT	ROD END, .375X3.69, ZAG	2
11	25058GT	PIN,KING,14.5 X 1.5 INCH	2
12	27684GT	YOKE ASSY,L.H.,2WD W/BUSHINGS	1
		includes 2 each index number 13	
13	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
14	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
15		OSCILLATING FRONT AXLE ASSY	1
		includes index number 13 and 2 each index number 7	
16	45110GT	SEAL-GREASE,MODEL 60-8	2
16	45873GT	SEAL/BEARING KIT (45043,54840)	2
		includes index numbers 16, 17, 19 through 23 and races	
17	45107GT	INNER CONE - MODEL 60-8	2
		large bearing race not included	
18	45043GT	HUB ASSEMBLY MODEL#60-8***	2
		includes index numbers 16, 17, 19 and 23 and races	
18-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	6
19	45108GT	OUTER CONE - MODEL 60-8	2
		small bearing race not included	
20	45112GT	WASHER,SPINDLE	2
21	45113GT	NUT,SPINDLE,1-14	2
22	45114GT	PIN,COTTER,.219 X 1.75	2
23	45111GT	CAP,DUST,45873 HUB KIT	2
24	45093GT	WHEEL ASSY, INDUSTRIAL, AF	2
		Industrial, Air-filled	
24-	54140GT	TUBELESS PNEUMATIC TIRE,9-14LT	
		for 45093	

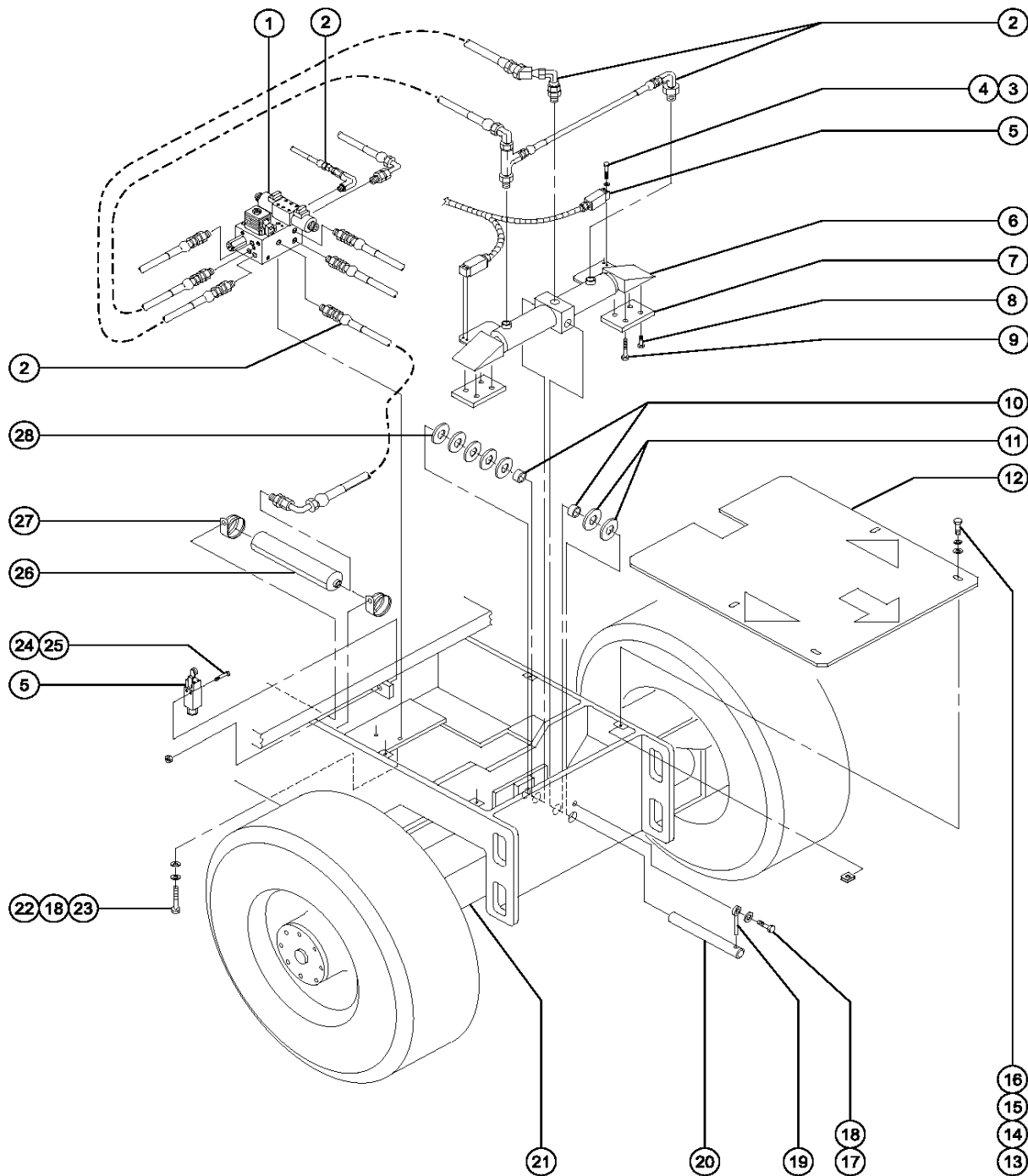
202.1 2WD Steer Axle Linkage - Oscillating Models



202.1 2WD Steer Axle Linkage - Oscillating Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24A	40136GT	WHEEL ASSY, INDUSTRIAL, AF NM Industrial, Air-filled, Non-marking	2
24A-	54234GT	TUBELESS TIRE,9-14.5,NON-M 47# for 40136	
24B	45460GT	WHEEL ASSY, INDUSTRIAL, FF Industrial, Foam-filled	2
24C	1267845GT	WHEEL ASSY, INDUSTRIAL, FF NM Industrial, Foam-filled, Non-marking	2
25	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	16
26	45040GT	RIM,Z45,14.5 X 7(8 HOLE ON 8BC	2
26	27318GT	WHEEL,17.5X10.5,8 HOLES/8BC%%%	2
27	27685GT	YOKE ASSY,RT.HAND W/BUSHINGS includes 2 each index number 7	1
28		Ref. Hydraulic Hoses and Fittings refer to section 208.1	1

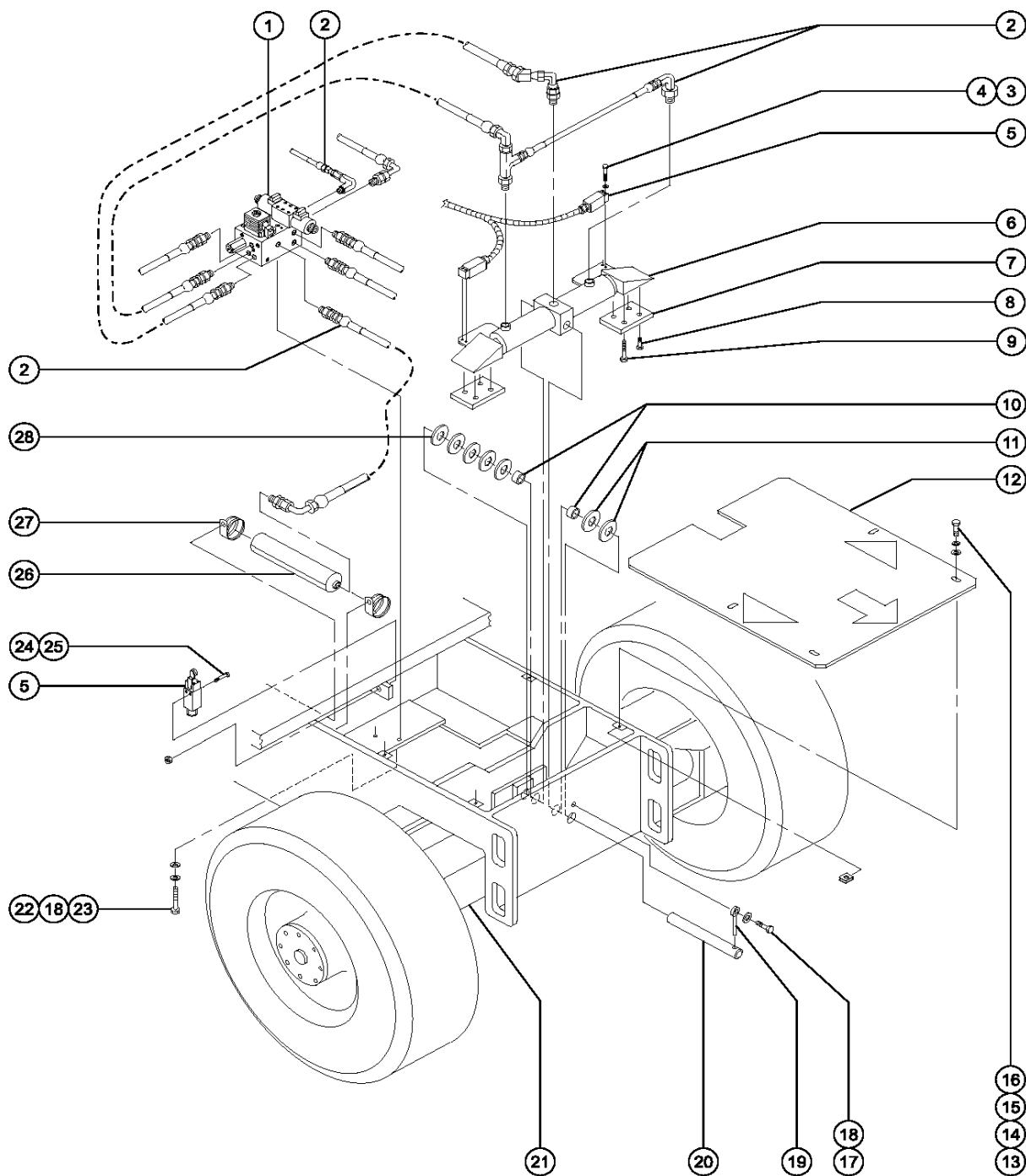
203.1 2WD Oscillating System



203.1 2WD Oscillating System

Item	Part No.	Description	Qty.
1	24503GT	MANIFOLD,STEER/OSCILLATION	1
2		Ref. Hydraulic Hoses and Fittings	1
		refer to section 208.1	
3	49821GT	SCREW,PHILLIPS,PHM,8-32 X 1.25	4
4	35461GT	WASHER,FLAT,MS,#8,Y	2
5	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	3
5-	19491GT	CONTACTOR,LIMIT SWITCH	
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	
6	24484GT	CYLINDER,OSCIL.,2.5X3,DBL.ACT.	1
6-	18471GT	SEAL KIT (CYL.PN# 45033,45034)	2
7	24705GT	WEAR PAD,OSCILLATING AXLE, Z45	2
8	48448GT	SCREW,FHS,3/8-24 X .50	4
9	17830GT	SCREW,FHS,3/8-24 X .75	4
10	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
11	1256117GT	WASHER,SHIM,1.56X3.5X.061,ZAG	2
12	27661GT	COVER W/DECAL,FRONT	1
13	6090GT	SCREW, HHC, 1/4-20 X .75	4
14	6356GT	WASHER,LOCK,.25	4
15	6638GT	WASHER, FLAT, USS, 1/4"Y	4
16	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
17	6175GT	SCREW,HHC,3/8-16 X 1	1
18	6021GT	WASHER,LOCK,.375	3
19	825019GT	ROD END, .375X3.69, ZAG	1
20	29057GT	PIN,AXLE PIVOT,10.75 X 1.5"	1
21		Ref. Steer Linkage - Oscillating Axle Installation	1
		refer to section 202.1	
22	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
23	5397GT	WASHER,FLAT,USS,5/16",Y	2
24	22541GT	SCREW,RHM,10-32 X 1.5	2
25	6178GT	NUT, NYLOCK, 10-32	2

203.1 2WD Oscillating System

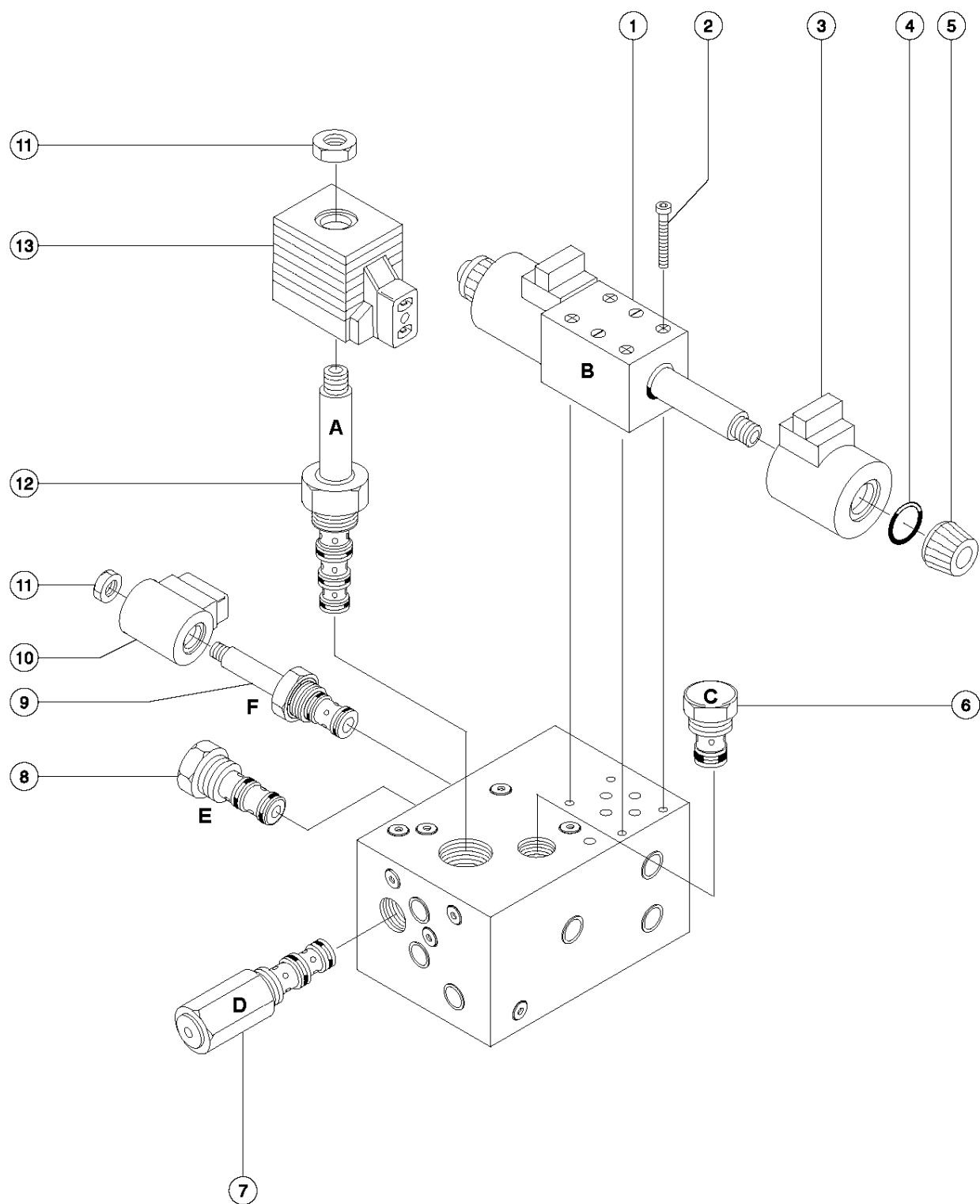


203.1 2WD Oscillating System

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
26	27374GT	ACCUMULATOR,1800PSI PRECHARGE*	1
27	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
28	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	5



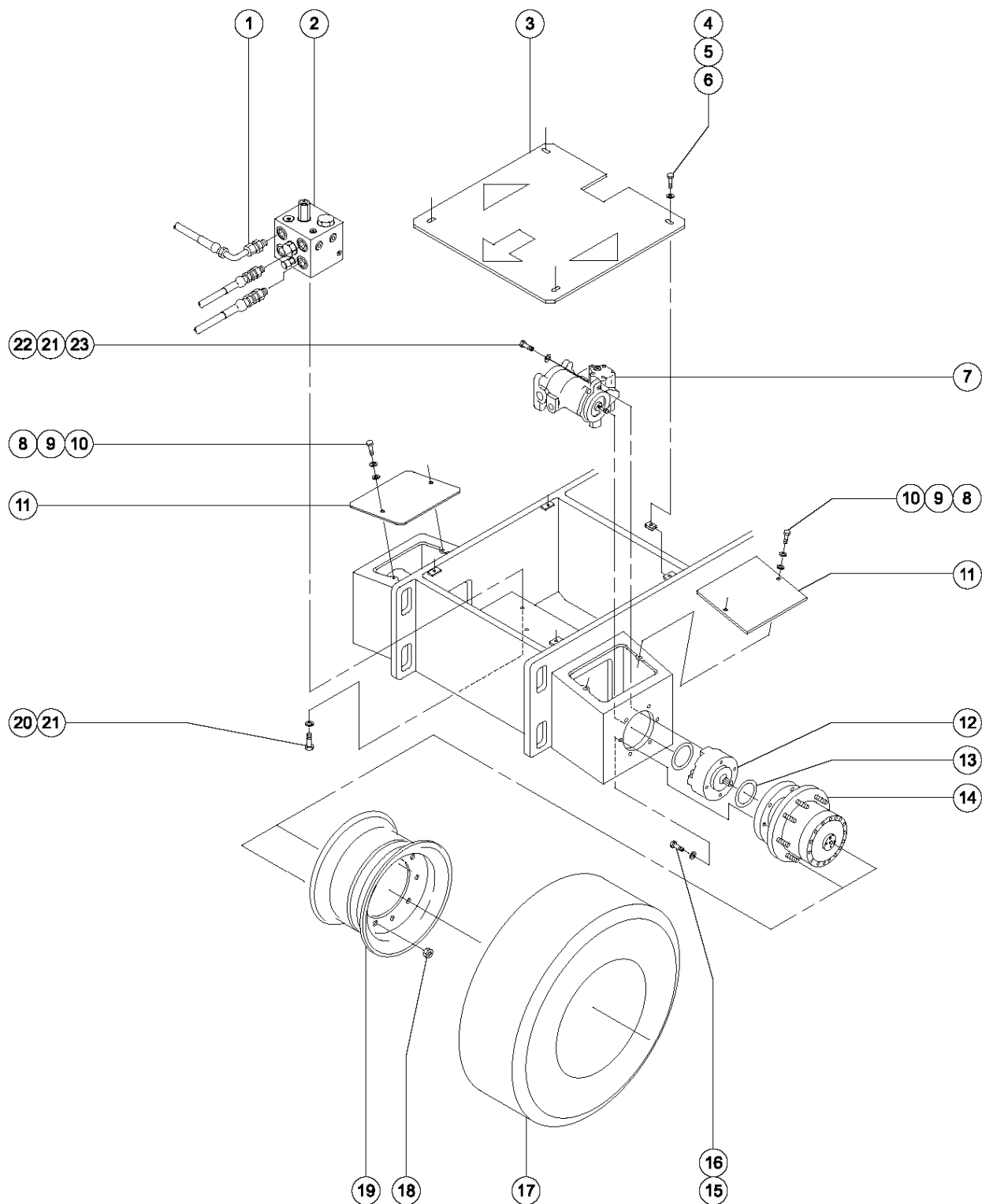
204.1 2WD Steer/Oscillating Manifold



204.1 2WD Steer/Oscillating Manifold

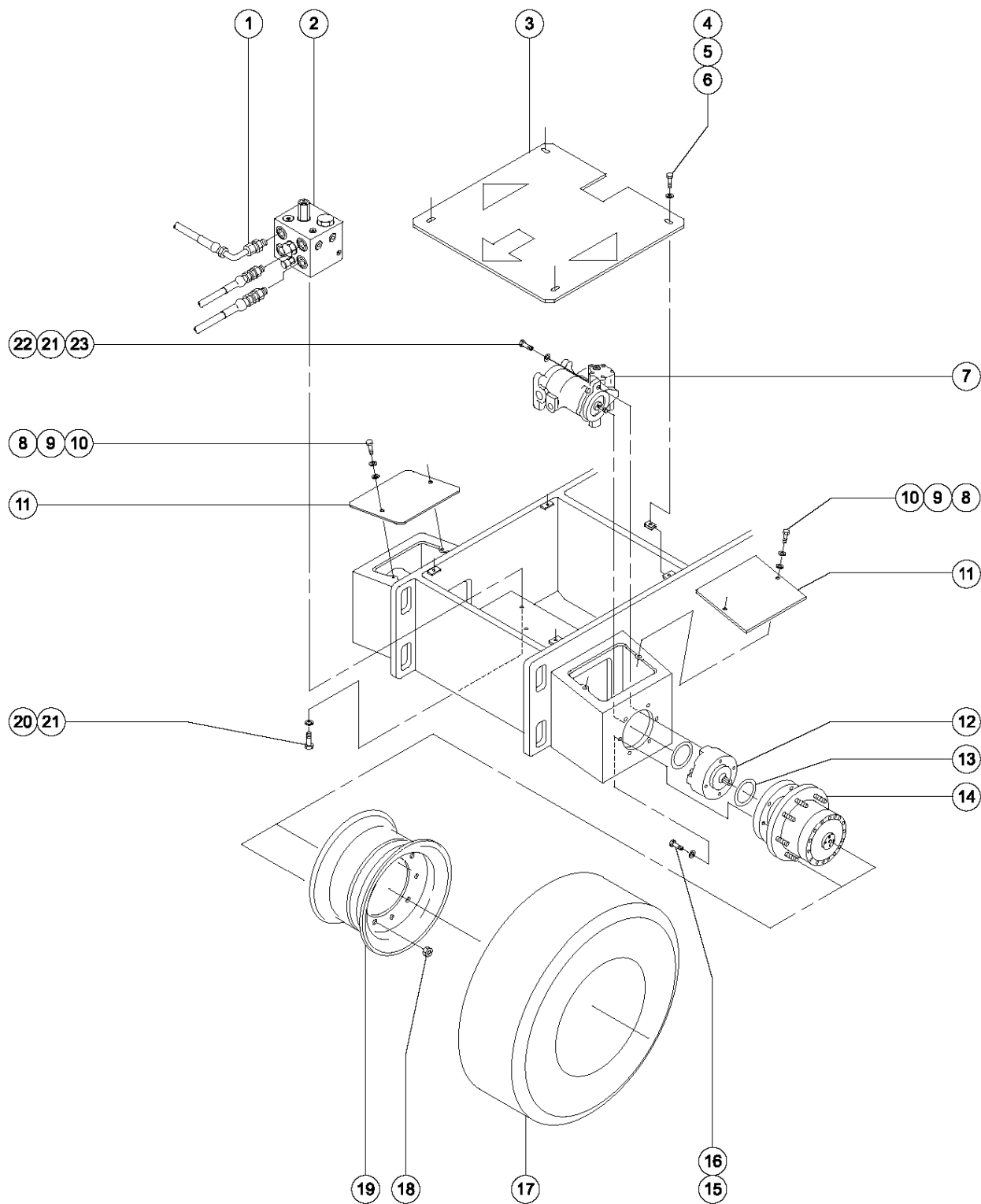
Item	Part No.	Description	Qty.
	24503GT	MANIFOLD,STEER/OSCILLATION	
	25375GT	KIT, O-RING	
	33994GT	PLUG AND CAP KIT-SERVICE,37 **	
1	146161GT	VALVE KIT,D03 includes index numbers 3, 4 and 5	1
2	43255GT	SCREW,SHC,10-24 X 2	4
3	223763GT	COIL WITH DE CONNECTOR use connector from old coil when replacing	2
4	48648GT	O-RING, D03 COIL	2
5	48649GT	NUT-D03 COIL	2
6	20318GT	VALVE,CHECK CP100-2-B-O-005	1
6-	110194GT	SEAL KIT, VALVE, #10	
7	27531GT	VALVE,PILOT OPERATED	1
7-	110197GT	SEAL KIT, VALVE, #10	
8	27532GT	VALVE,DIFFERENTIAL SENSING	1
8-	110197GT	SEAL KIT, VALVE, #10	
9	27803GT	VALVE,SOLENOID includes index numbers 10 and 11	1
9-	74902GT	SEAL KIT, VALVE	
10	52033GT	COIL,SOLENOID VALVE 10V(24503	1
11	52943GT	NUT, SOLENOID VALVE COIL	2
12	52034GT	VALVE,SOLENOID,2 POS-4 WAY-10V includes index numbers 11 and 13	1
12-	89722GT	SEAL KIT, SOLENOID VALVE	
13	29744GT	COIL,10V	1
A		Solenoid Valve Oscillate Cyl. Extend/Retract	
B		DO3 Valve Steer Left/Right	
C		Check Valve Oscillate Circuit	
D		Unloader Valve Oscillaate Relief	
E		Differential Sensing Valve Oscillate Circuit	
F		Solenoid Valve Steer Left/Right Dump	

205.1 2WD Non-steer Axle



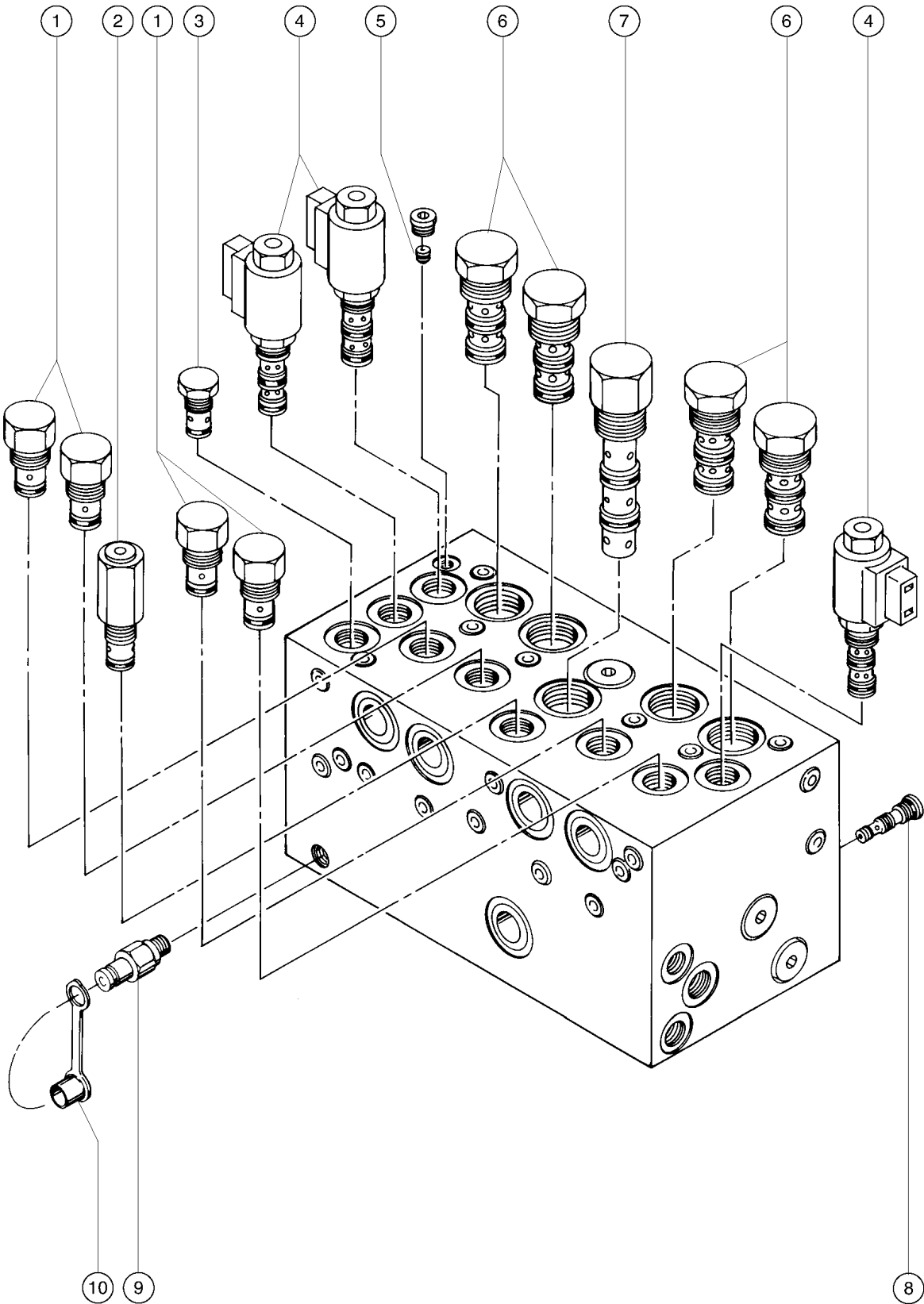
Item	Part No.	Description	Qty.
1		Ref. Hydraulic Hoses and Fittings refer to sections 207.1 and 208.1	
2	34448GT	TRACTION MANIFOLD,2WD***	1
3	27664GT	COVER W/DECAL,REAR	1
4	6090GT	SCREW, HHC, 1/4-20 X .75	4
5	6638GT	WASHER, FLAT, USS, 1/4"Y	4
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
7	24668GT	DRIVE MOTOR REAR,2WD/7 DEGREE*	2
7-	33444GT	SEAL KIT,DRIVE MOTOR,(24668)	2
7-	27067GT	SEAL,SHAFT-SUNDSTRAND***	2
8	8255GT	SCREW,HHC,3/8-16 X .75	4
9	6021GT	WASHER,LOCK,.375	4
10	5397GT	WASHER,FLAT,USS,5/16",Y	4
11	42484PGT	COVER, NON-STEER AXLE, PAINTED	2
12	41912GT	BRAKE,MICO,1200 IN/LB***	2
12-	41921GT	SEAL KIT,BRAKE,MICO	2
12-	41920GT	LINING KIT,MICO BRAKE (41916)	2
12-	41922GT	BEARING KIT,BRAKE,MICO	2
12-	72319GT	SPRING (RED) MICO For 41912; 8 required per brake	
13	52087GT	O-RING,2-044 BUNA***	4
14	20193GT	TORQUE HUB,35:1*** (Seal Kit 1286606, Bearing Kit 1286607)	2
14-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 20193	
14-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	2
14-	21143GT	BEARING KIT (45553) TORQUE HUB for 20193 (inventory limited to stock on hand as component is no longer available)	
14-	1286607GT	BEARING KIT,TORQUE HUB (20193) for 20193	
14-	33355GT	SNAP RING (TORQUE HUB) W1BFF	
14-	37097GT	O-RING, TORQUE HUB	2
14-	21148GT	WASHER,THRUST,TORQUE HUB	2
14-	21146GT	COVER CAP,TORQUE HUB***	2

205.1 2WD Non-steer Axle



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
14-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB	2
14-	21145GT	DISCONNECT ROD-45553 TQ.HUB	2
14-	58438GT	KIT,COVER,TORQUE HUB,45553***	
14-	58589GT	THRUST CAP (20193)	
15	45066GT	SCREW,SHC,5/8-11 X 2.25	12
16	13064GT	WASHER,FLAT,.625 HARDENED	12
17	45094GT	WHEEL ASSY, INDUSTRIAL, AF	2
		Industrial, Air-filled	
17-	54140GT	TUBELESS PNEUMATIC TIRE,9-14LT	
		for 45094	
17A	1267847GT	WHEEL ASSY, INDUSTRIAL, FF	2
		Industrial, Foam-filled	
17B	40137GT	WHEEL ASSY, INDUSTRIAL, AF NM	2
		Industrial, Air-filled, Non-marking	
17B-	54234GT	TUBELESS TIRE,9-14.5,NON-M 47#	
		for 40137	
17	40837GT	WHEEL ASSY, INDUSTRIAL, FF NM	2
18	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
19	54139GT	WHEEL,14.5 X 7	2
19	24403GT	WHEEL,17.5 X 10.5,9 HOLE 50#	2
20	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	2
21	6033GT	WASHER,LOCK,0.5"	6
22		Ref. Screw - SHC, 1/2 -13 x 5 inches, GR 8	4
23		Ref. Washer - Flat, 1/2 inch	4

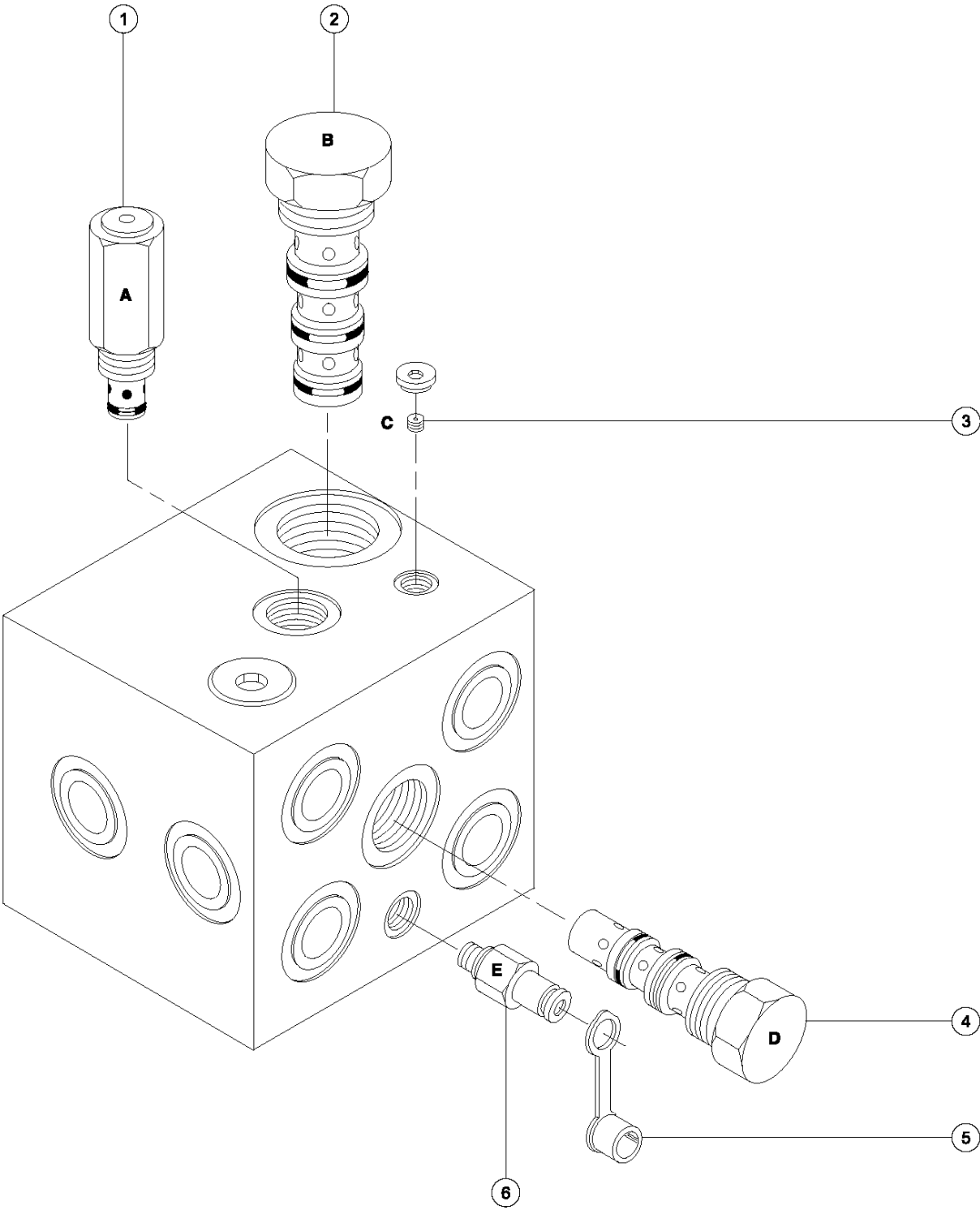
206.1 2WD Drive Manifold (to SN 2538)



206.1 2WD Drive Manifold (to SN 2538)

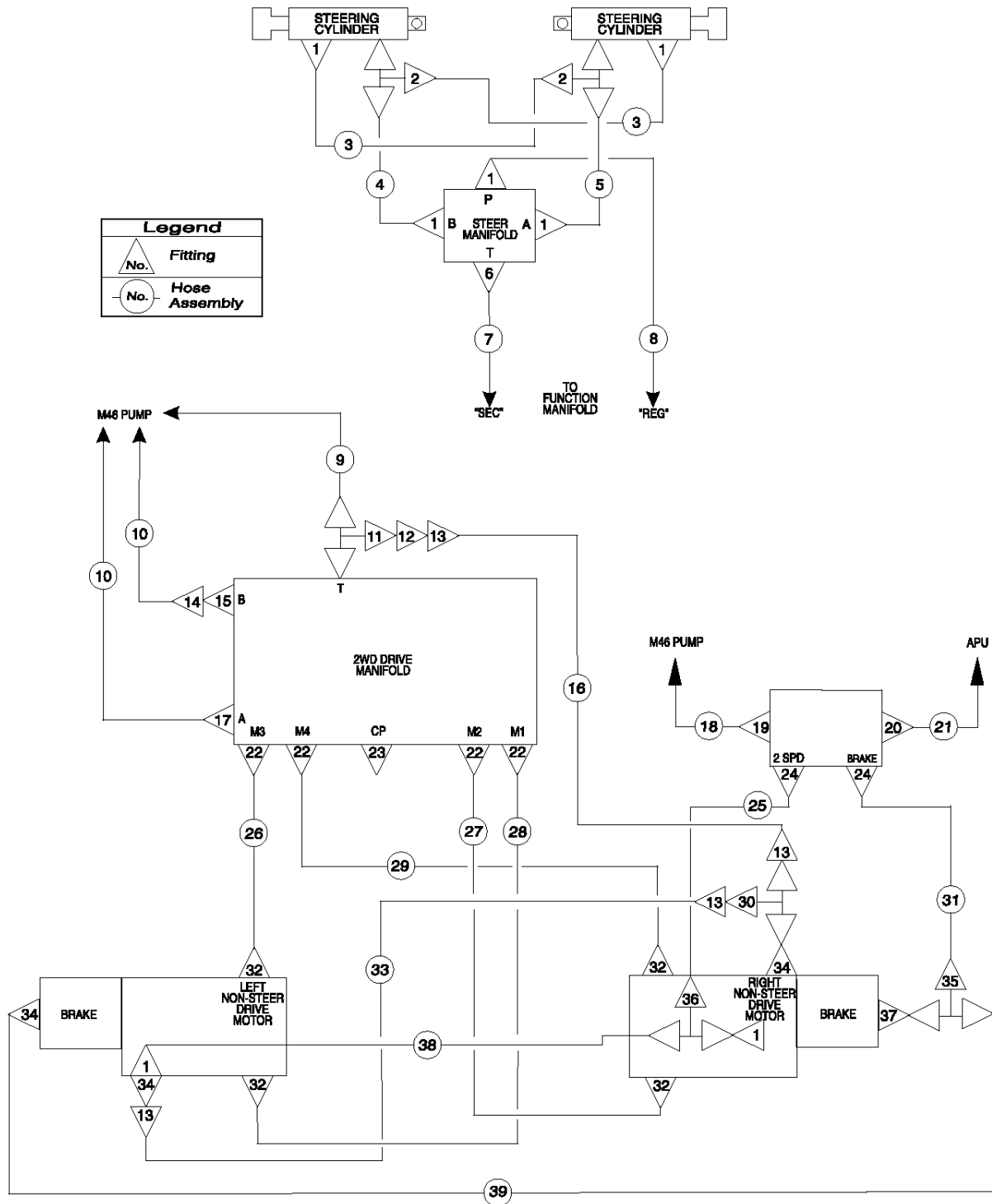
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	24674GT	MANIFOLD,TRACTION,2WD	
	25375GT	KIT, O-RING	
1	27766GT	VALVE,FLOW REGULATOR	4
1-	110194GT	SEAL KIT, VALVE, #10	
2	31406GT	VALVE,RELIEF 250 PSI***	1
2-	110194GT	SEAL KIT, VALVE, #10	
3	27759GT	VALVE,CHECK	1
3-	74902GT	SEAL KIT, VALVE	
4	27762GT	VALVE,SOLENOID	3
4-	21444GT	COIL,12 VOLT (21299 MANIFOLD)	3
4-	45912GT	NUT,SOLENOID VALVE 2P3W	3
4-	72043GT	SEAL KIT,SOLENOID VALVE	
5	27758GT	PLUG,0.036 ORIFICE	1
6	27763GT	VALVE,PILOT TO OPEN CHECK	4
7	27761GT	VALVE,SHUTTLE	1
7-	84134GT	SEAL KIT, VALVE	
8	45483GT	VALVE,SHUTTLE***	1
8-	58994GT	SEAL KIT,VALVE (48647)	
9	48997GT	NIPPLE,DIAGNOSTIC,#4	1
9	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
10	48880GT	CAP,DIAGNOSTIC NIPPLE	1

206.2 2WD Drive Manifold (from SN 2539)



Item	Part No.	Description	Qty.
	34448GT	TRACTION MANIFOLD,2WD*** includes index numbers 1 through 4	
	25375GT	KIT, O-RING	
	33994GT	PLUG AND CAP KIT-SERVICE,37 **	
A		Relief Valve, 210 psi (14.5 bar) Charge Pressure Circuit	
B		Flow Divider/Combiner Drive Circuit	
C		Orifice Plug Drive Circuit	
D		Shuttle Valve Hot Oil Shuttle	
E		Diagnostic Nipple Testing	
1	43597GT	VALVE,RELIEF,210 PSI	1
1-	110194GT	SEAL KIT, VALVE, #10	
2	52726GT	VALVE,FLOW DIVIDER/COMBINER	1
2-	84135GT	SEAL KIT, VALVE	
3	33520GT	PLUG,ORIFICE,0.070	1
4	27761GT	VALVE,SHUTTLE	1
4-	84134GT	SEAL KIT, VALVE	
5	48880GT	CAP,DIAGNOSTIC NIPPLE	1
6	48997GT	NIPPLE,DIAGNOSTIC,#4	1
6	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1

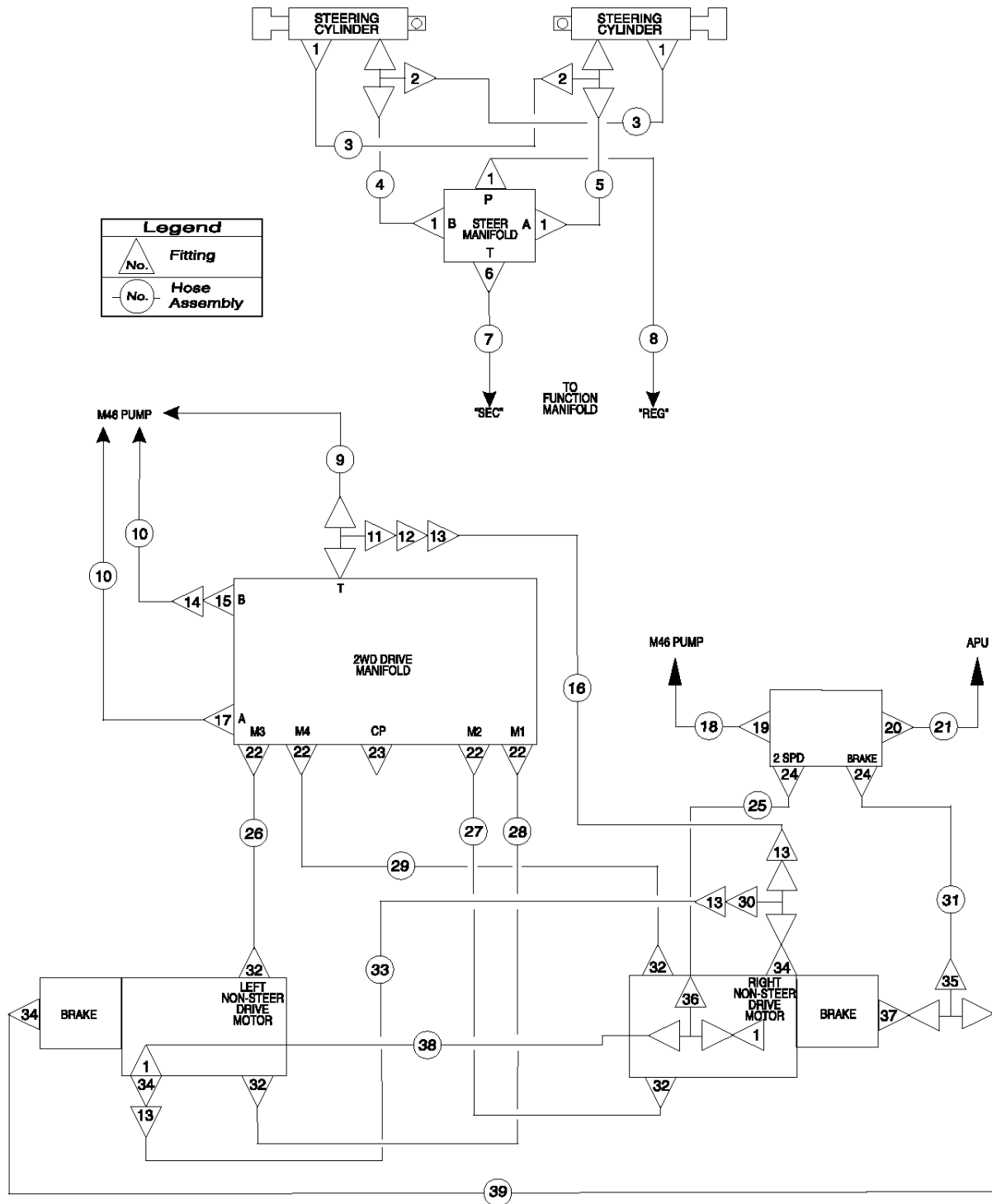
207.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Non-oscillating Models



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

Item	Part No.	Description	Qty.
	28750GT	O-RING KIT, FIELD SVC, ALL PROD*	
1	13120GT	ELBOW, 070220-6-6	7
2	13119GT	TEE, RUN, 070428-6-6	2
3	28032GT	HOSE ASSY, STEER CYL. CROSSOVER Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	2
4	28040GT	HOSE ASSY, STR. MFLD/L. STEER CYL Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
5	28035GT	HOSE ASSY, OSC. MNFLD-L/STR. CYL. Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
6	45412GT	CONNECTOR, 070120-6-6	1
7	28041GT	HOSE ASSY, STR. MFLD. RTN/FTN. MFL Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
8	28036GT	HOSE ASSY, FNCT. MNFLD-OSC. MNFLD Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
9	28028GT	HOSE ASSY, TRCTN. MNFLD. RTN/TEE Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612), Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612) and Hose, 1/2 inch Neoprene Low Pressure (Weatherhead H20108)	1
10	28027GT	HOSE ASSY, PWR. UNIT/TRACTN. MNFD Hose End - Female 90° JIC Swivel, 12-12 (Weatherhead 12U-672), Hose End - Female JIC Swivel, 12-16 (Weatherhead 12U-616) and Hose, 3/4 inch Rubber High Pressure (Weatherhead H43012)	2
11	28456GT	TEE, RUN, 070428-12-12	1
12	20325GT	REDUCER, 070123-12-8	1
13	20324GT	HOSE END, BARBED, SWIVEL, -8-8	4
14	28447GT	ELBOW, 070221-16-16	1
15	20710GT	CONNECTOR, 070120-16-12	1
16	49177-1992GT	HOSE ASSY, 1/2" Hose, 1/2 inch Neoprene Low Pressure (Weatherhead H20108)	1
17	35078GT	ELBOW, 070220-16-12	1
18	35239GT	HOSE ASSY, DRV. PUMP TO BRK. VALV Hose End - Female 90° JIC Swivel, 4-6 (Synflex 3903-04646), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-04546) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
19	12342GT	CONNECTOR, 070120-6-4	1
20	28457GT	ELBOW, 070220-6-4	1
21	28013GT	HOSE ASSY, AUX. P. U.-FUNCT. MNFLD Hose End - Female JIC Swivel, 6-6 (Weatherhead O6U-606), Hose End - Female 90° JIC Swivel, 6-6 (Weatherhead O6U-666) and Hose, 3/8 inch Rubber High Pressure (Weatherhead H24506)	1

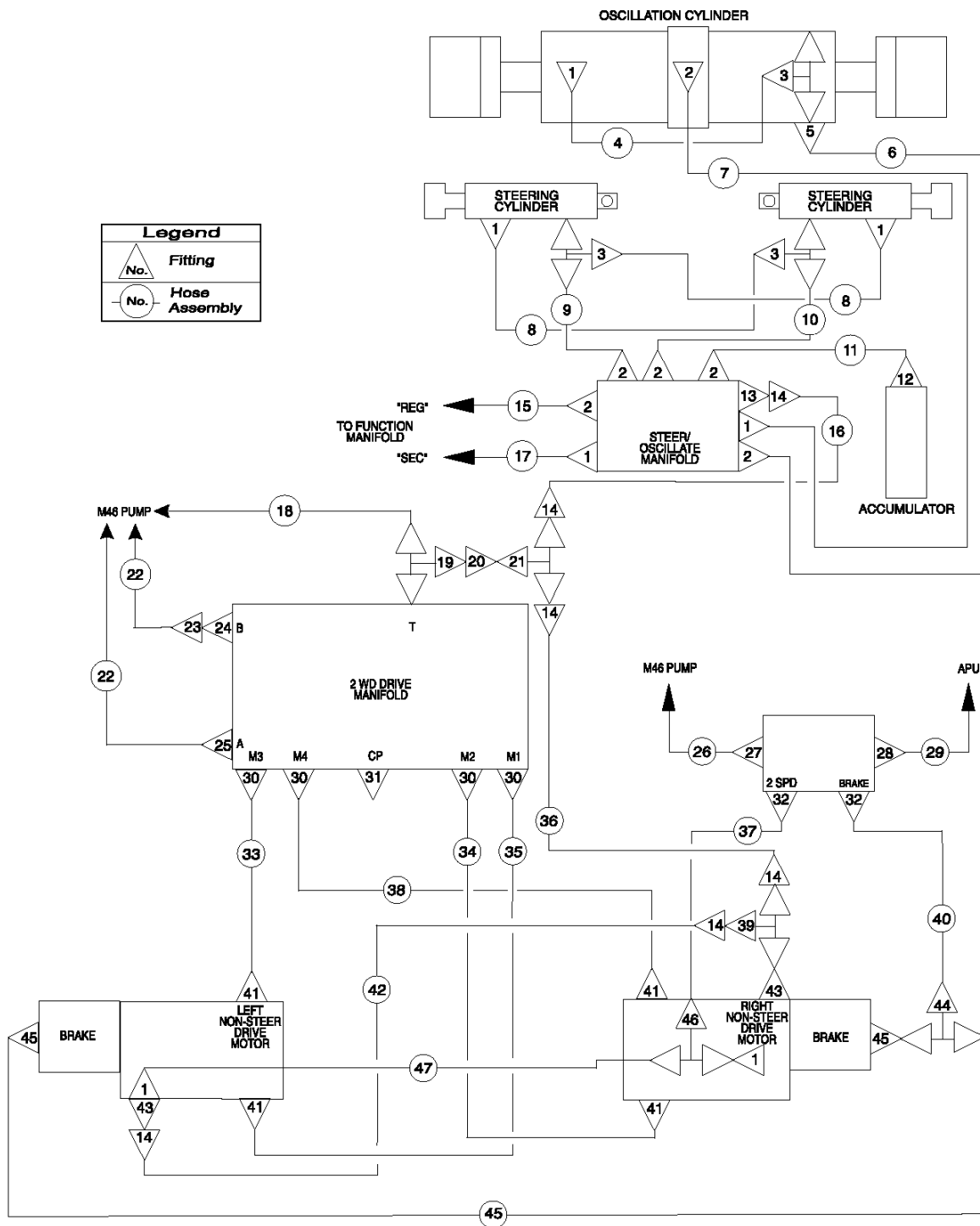
207.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Non-oscillating Models



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

Item	Part No.	Description	Qty.
22	45360GT	CONNECTOR,070120-10-12	4
23	48997GT	NIPPLE,DIAGNOSTIC,#4	1
23	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
23	48880GT	CAP,DIAGNOSTIC NIPPLE	1
24	13755GT	CONNECTOR,070120-4-4	2
25	35237GT	HOSE ASSY,2 SPD.VAL.TO RR.MOTR Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female 90° JIC Swivel, 4-6 (Synflex 3903-04646) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
26	46185GT	HOSE ASSEMBLY, MAN. TO RR MTR Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550), Hose End - Female 90° JIC Swivel, 8-10 (Synflex 3903-08650) and Hose, 1/2 inch Thermoplastic Medium Pressure (Synflex 3800-08)	1
27	46183GT	HOSE ASSEMBLY,DRV.MAN.M2 TO RR Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550), Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550) and Hose, 1/2 inch Thermoplastic Medium Pressure (Synflex 3800-08)	1
28	46184GT	HOSE ASSEMBLY,DRV.MAN.M1 TO LR Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550), Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550) and Hose, 1/2 inch Thermoplastic Medium Pressure (Synflex 3800-08)	1
29	44093GT	Hose Assembly - Components: @ 15.25 inches (39 cm) Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550), Hose End - Female 90° JIC Swivel, 8-10 (Synflex 3903-08650) and Hose, 1/2 inch Thermoplastic Medium Pressure (Synflex 3800-08)	1
30	21252GT	TEE,RUN,070432-8	1
31	35241GT	HOSE ASSY,BRK.VAL.TO BRAKEPORT Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female 90° JIC Swivel, 4-4 (Synflex 3903-04644) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
32	44083GT	ELBOW,070220-10-16	4
33	20690GT	HOSE,LOW PRESSURE,1/2 IDRUBBER Hose, 1/2 inch Neoprene Low Pressure (Weatherhead H20108) (replaced PN 35242)	1
34	25951GT	ELBOW,070220-8-12	2
35	13757GT	TEE,RUN,070432-4	1
36	45366GT	TEE,RUN,070432-6-6	1
37	13921GT	ELBOW, 07022-4-4	2
38	35238GT	HOSE ASSY,LT.DRV.TO 2SPD.PORT Hose End - Female JIC Swivel, 6-4 (Synflex 3903-04546), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-04546) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
39	49189-4263GT	HOSE ASSY,1/4" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1

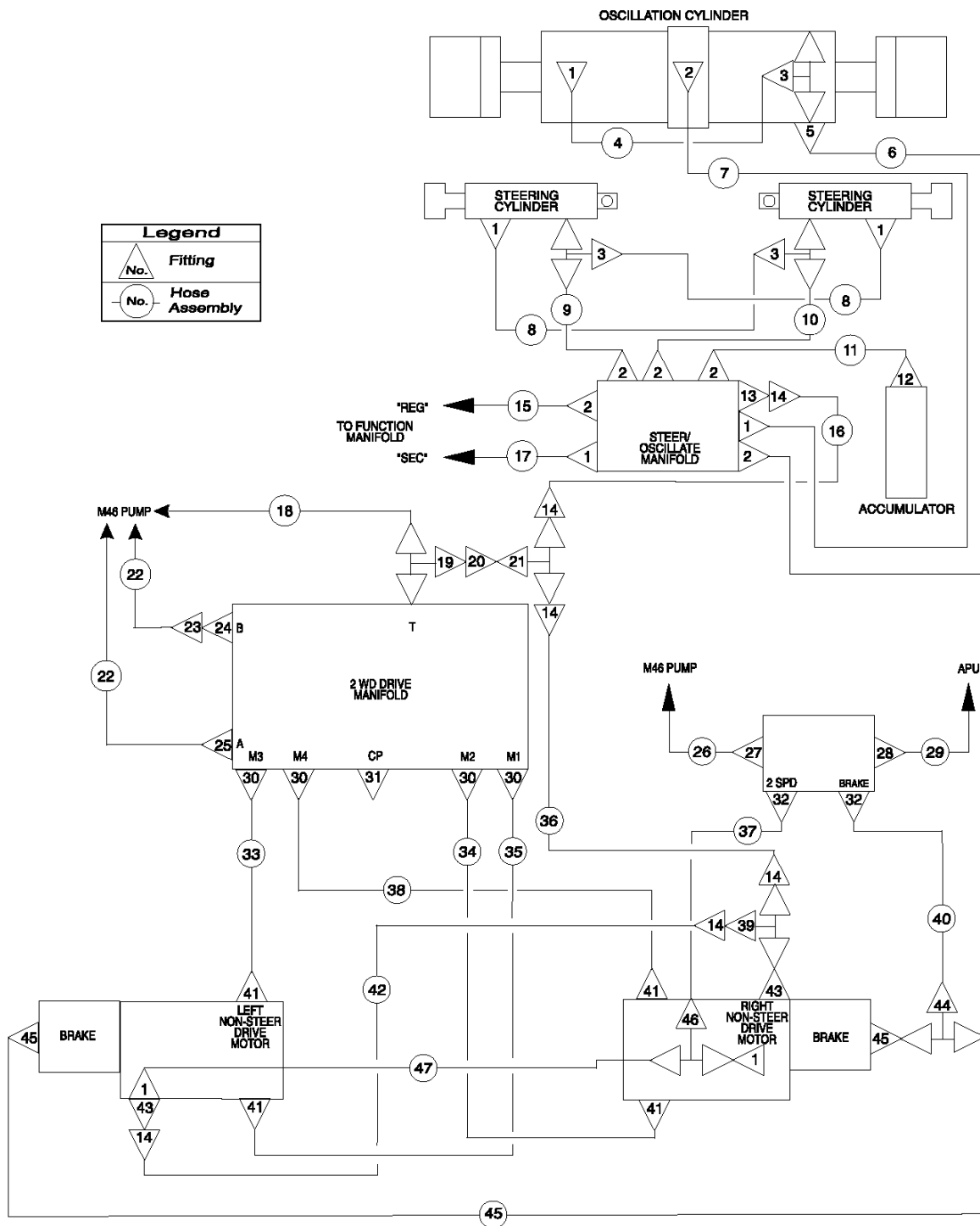
208.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Models



208.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Models

Item	Part No.	Description	Qty.
1	13120GT	ELBOW,070220-6-6	7
2	45412GT	CONNECTOR,070120-6-6	6
3	13119GT	TEE,RUN,070428-6-6	3
4	13576GT	HOSE ASSY,VB-HAND PUMP,13.5" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
5	45367GT	ELBOW,070221-6-6	1
6	28029GT	HOSE ASSY,OSC.MNFLD/RUN TEE Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
7	28033GT	HOSE ASSY,OSC.MNFLD/OSC.CYLIND Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, Long, 6-6 (Synflex 3903-06846) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
8	28032GT	HOSE ASSY,STEER CYL. CROSSOVER Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	2
9	28035GT	HOSE ASSY,OSC.MNFLD-L/STR.CYL. Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
10	28030GT	HOSE ASSY,OSC.MNFLD-R/STR.CYL. Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
11	28037GT	HOSE ASSY,OSC.MNFLD/ACCUMULATR Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
12	27431GT	CONNECTOR,070120-8-12	1
13	20923GT	CONNECTOR,070120-8-6	1
14	20324GT	HOSE END,BARBED,SWIVEL,-8-8	6
15	28036GT	HOSE ASSY,FNCT.MNFLD-OSC.MNFLD Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
16	28034GT	HOSE,55" Hose, 1/2 inch Neoprene Low Pressure (Weatherhead H20108)	1
17	28031GT	HOSE ASSY,FNCTN.MNFLD/OSC.MNFD Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
18	28028GT	HOSE ASSY,TRCTN.MNFLD.RTN/TEE Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612), Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612) and Hose, 1/2 inch Neoprene Low Pressure (Weatherhead H20108)	1
19	28456GT	TEE,RUN,070428-12-12	1
20	20325GT	REDUCER,070123-12-8	1
21	22273GT	TEE,BRANCH,070433-8-8	1

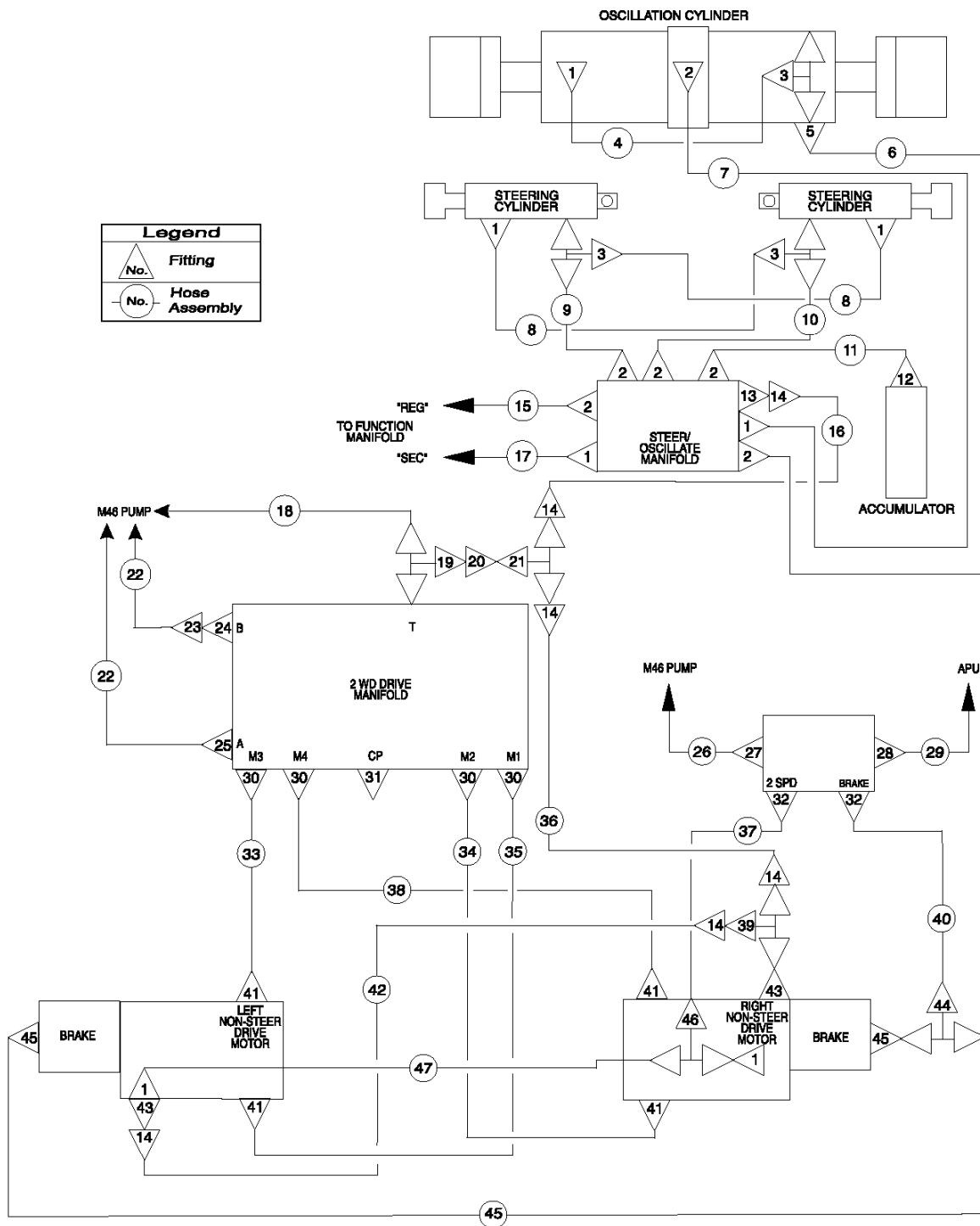
208.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Models



208.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Models

Item	Part No.	Description	Qty.
22	28027GT	HOSE ASSY,PWR.UNIT/TRACTN.MNFD Hose End - Female 90° JIC Swivel, 12-12 (Weatherhead 12U-672), Hose End - Female JIC Swivel, 12-16 (Weatherhead 12U-616) and Hose, 3/4 inch Rubber High Pressure (Weatherhead H43012)	2
23	28447GT	ELBOW,070221-16-16	1
24	20710GT	CONNECTOR,070120-16-12	1
25	35078GT	ELBOW,070220-16-12	1
26	35239GT	HOSE ASSY,DRV.PUMP TO BRK.VALV Hose End - Female 90° JIC Swivel, 4-6 (Synflex 3903-04646), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-04546) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
27	12342GT	CONNECTOR,070120-6-4	1
28	28457GT	ELBOW,070220-6-4	1
29	28013GT	HOSE ASSY,AUX.P.U.-FUNCT.MNFLD Hose End - Female JIC Swivel, 6-6 (Weatherhead O6U-606), Hose End - Female 90° JIC Swivel, 6-6 (Weatherhead O6U-666) and Hose, 3/8 inch Rubber High Pressure (Weatherhead H24506)	1
30	45360GT	CONNECTOR,070120-10-12	4
31	48997GT	NIPPLE,DIAGNOSTIC,#4	1
31	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
31	48880GT	CAP,DIAGNOSTIC NIPPLE	1
32	13755GT	CONNECTOR,070120-4-4	2
33	46185GT	HOSE ASSEMBLY, MAN. TO RR MTR Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550), Hose End - Female 90° JIC Swivel, 8-10 (Synflex 3903-08650) and Hose, 1/2 inch Thermoplastic Medium Pressure (Synflex 3800-08)	1
34	46183GT	HOSE ASSEMBLY DRV.MAN.M2 TO RR Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550), Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550) and Hose, 1/2 inch Thermoplastic Medium Pressure (Synflex 3800-08)	1
35	46184GT	HOSE ASSEMBLY,DRV.MAN.M1 TO LR Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550), Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550) and Hose, 1/2 inch Thermoplastic Medium Pressure (Synflex 3800-08)	1
36	49177-1992GT	HOSE ASSY,1/2" Hose, 1/2 inch Neoprene Low Pressure (Weatherhead H20108)	1
37	35237GT	HOSE ASSY,2 SPD.VAL.TO RR.MOTR Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female 90° JIC Swivel, 4-6 (Synflex 3903-04646) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
38	44093GT	Hose Assembly - Components: @ 15.25 inches (39 cm) Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550), Hose End - Female 90° JIC Swivel, 8-10 (Synflex 3903-08650) and Hose, 1/2 inch Thermoplastic Medium Pressure (Synflex 3800-08)	1
39	21252GT	TEE,RUN,070432-8	1
40	35241GT	HOSE ASSY,BRK.VAL.TO BRAKEPORT Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female 90° JIC Swivel, 4-4 (Synflex 3903-04644) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
41	44083GT	ELBOW,070220-10-16	4

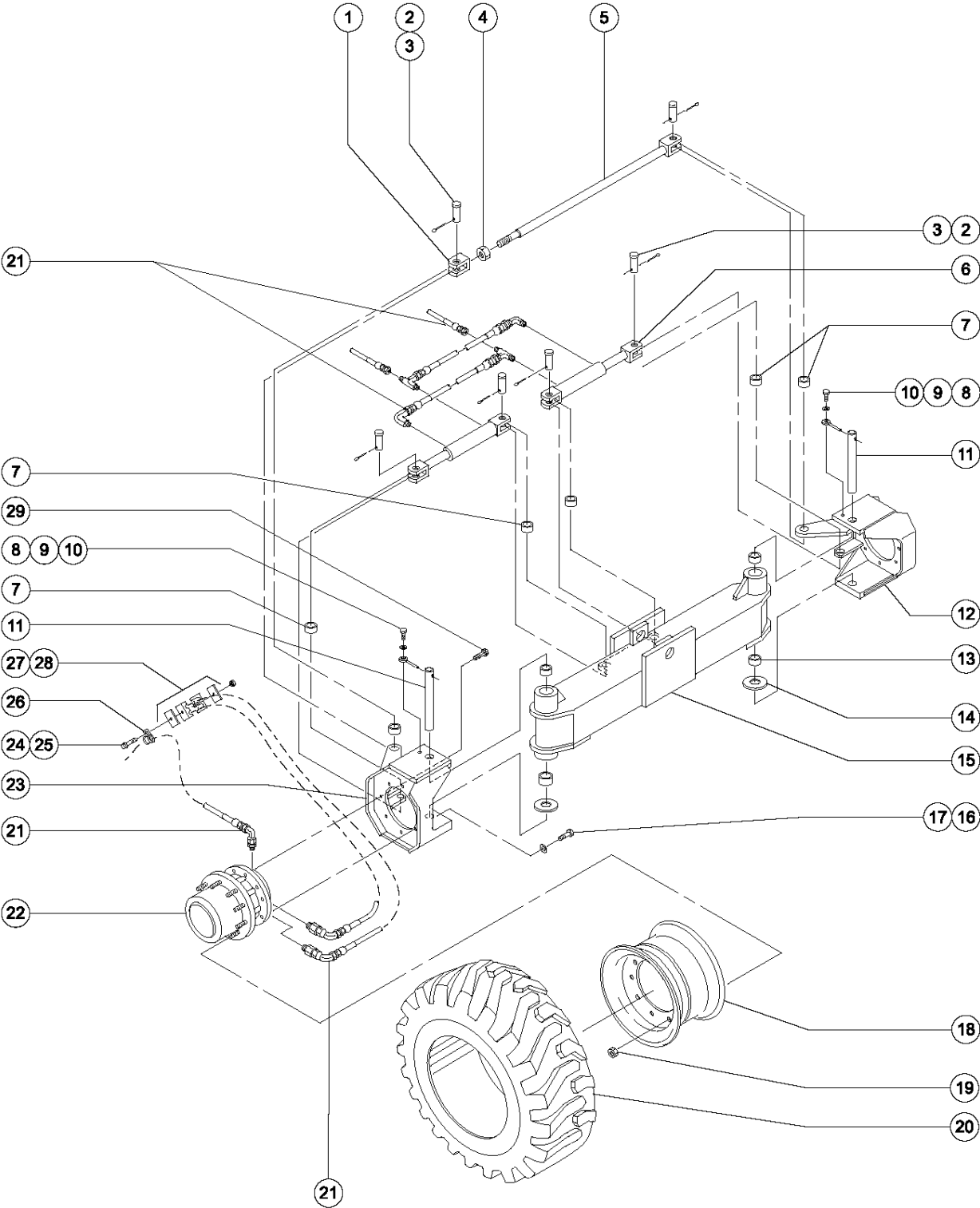
208.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Models



208.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
42	20690GT	HOSE,LOW PRESSURE,1/2 IDRUBBER Hose, 1/2 inch Neoprene Low Pressure (Weatherhead H20108)(replaced PN 35242)	1
43	25951GT	ELBOW,070220-8-12	2
44	13757GT	TEE,RUN,070432-4	1
45	13921GT	ELBOW, 07022-4-4	2
44	45366GT	TEE,RUN,070432-6-6	1
47	35238GT	HOSE ASSY,LT.DRV.TO 2SPD.PORT Hose End - Female JIC Swivel, 6-4 (Synflex 3903-04546), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-04546) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
48	49189-4263GT	HOSE ASSY,1/4" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1

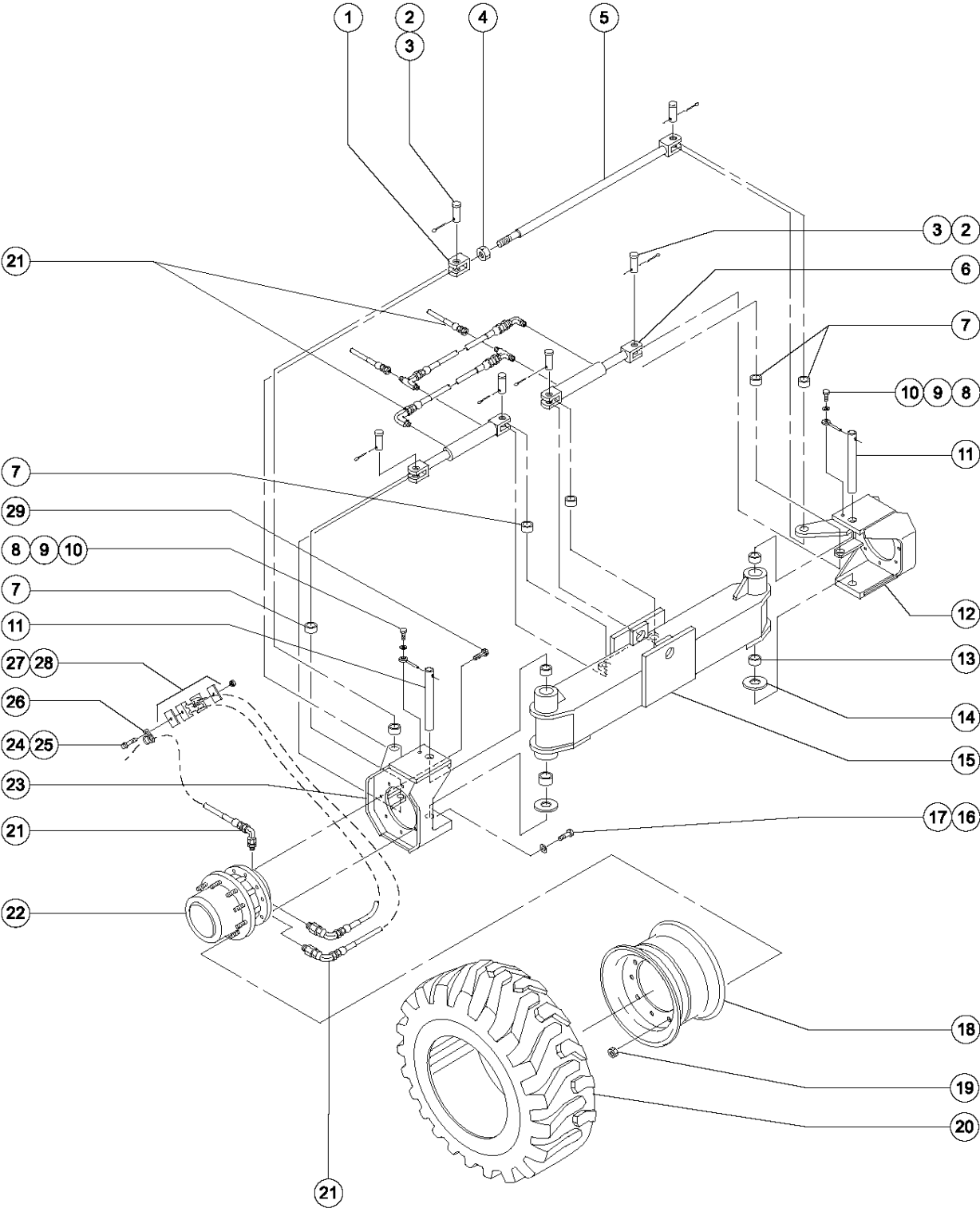
301.1 4WD Steer Axle Linkage - Oscillating Models



301.1 4WD Steer Axle Linkage - Oscillating Models

Item	Part No.	Description	Qty.
1	23154-SGT	WELDMENT, ROD END	1
2	19440GT	PIN, CLEVIS, 1 X 2.5 LG	6
3	5361GT	PIN, COTTER, .125 X 1.5	6
4	28352GT	NUT, HEX, JAM, 1-8	1
5	24544GT	TIE ROD WELDMENT Z/45	1
6	24390GT	CYLINDER, STEER, 2 X 6	2
6-	45548GT	SEAL KIT (CYL PN 13078) BL	2
7	25817GT	BEARING, 1.00IDX1.25ODX1.00L	6
8	6175GT	SCREW, HHC, 3/8-16 X 1	2
9	6021GT	WASHER, LOCK, .375	2
10	825019GT	ROD END, .375X3.69, ZAG	2
11	25058GT	PIN, KING, 14.5 X 1.5 INCH	2
12	27667GT	YOKE ASSY, L.S., 4WD includes 2 each index number 7	1
13	45071GT	BEARING, 1.5IDX1.75ODX1.5L	4
14	45074GT	WASHER, THRUST, 1.5 X 3.5 X .187	2
15		OSCILLATING FRONT AXLE ASSY includes index number 13 and 2 each of index number 7	1
16	19418GT	SCREW, SHC, 5/8-11 X 1.75	14
17	13064GT	WASHER, FLAT, .625 HARDENED	16
18	24403GT	WHEEL, 17.5 X 10.5, 9 HOLE 50#	2
19	54627GT	NUT, LUG, 5/8-18 X 90 DEGREE, Z45	18
20		Ref., Tire and Wheel Assy refer to 201.1	
21		Ref. Hydraulic Hoses and Fittings refer to section 306.1	2
22	29025GT	MOTOR & TORQUE HUB, FRONT, SAE** Inventory limited to stock on hand. Component no longer available.	2
22	27427GT	SEAL KIT, GEAR BOX (29025)	2
22	21149GT	LUG, WHEEL STUD, 5/8-18, W1/4HB**	2
23		YOKE ASSY, R.S., 4WD Component no longer available	1
24	18505GT	5/16-18 X 2.25 LG. FLG. LCK. SCRW	2
25	6002GT	NUT, LP NYLOCK, 5/16-18	2

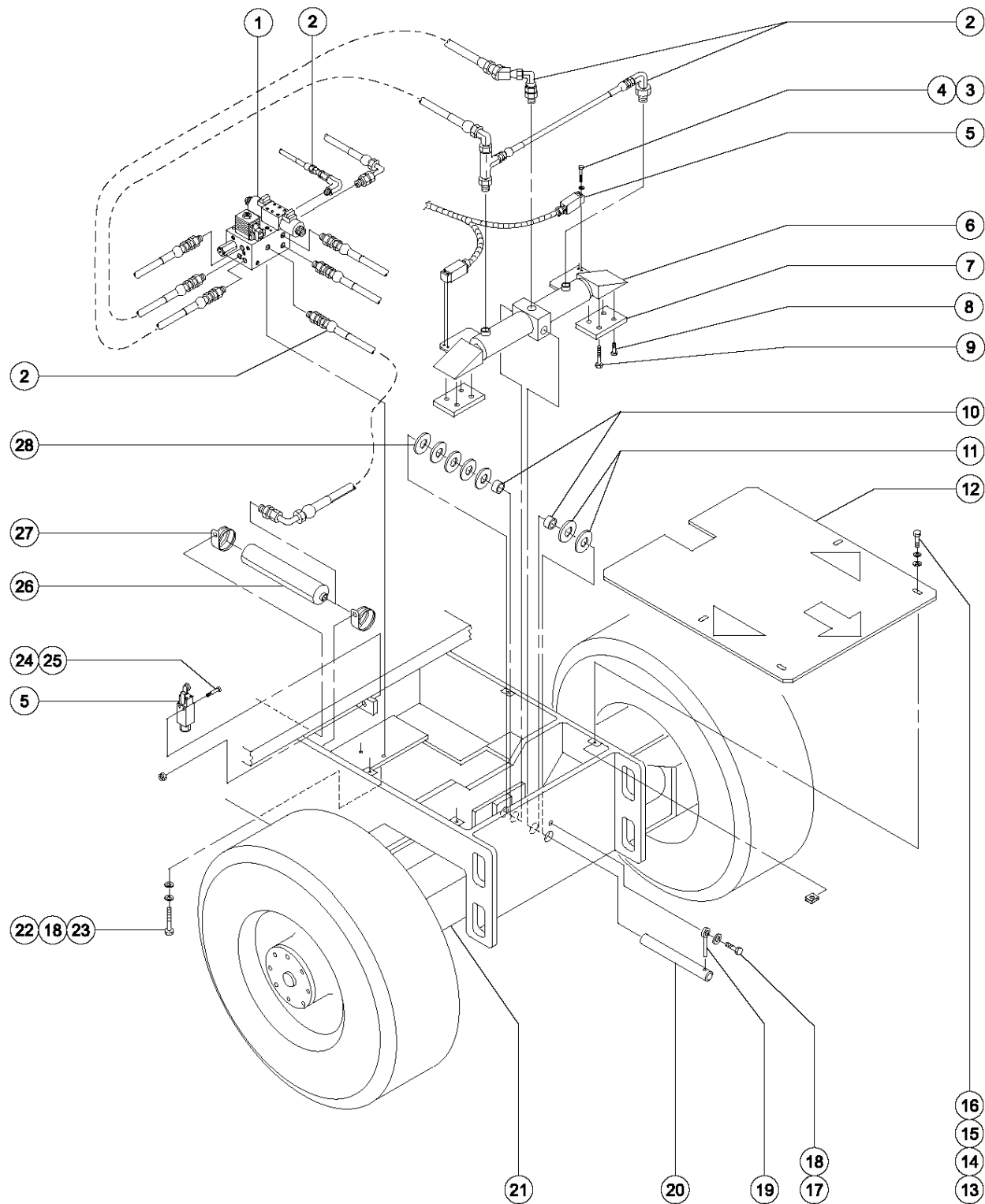
301.1 4WD Steer Axle Linkage - Oscillating Models



301.1 4WD Steer Axle Linkage - Oscillating Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
26	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	2
27	36859GT	TOP PLATE,CLAMP	2
28	36858GT	CLAMP PAIR,DUAL HOSE	4
29	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	2

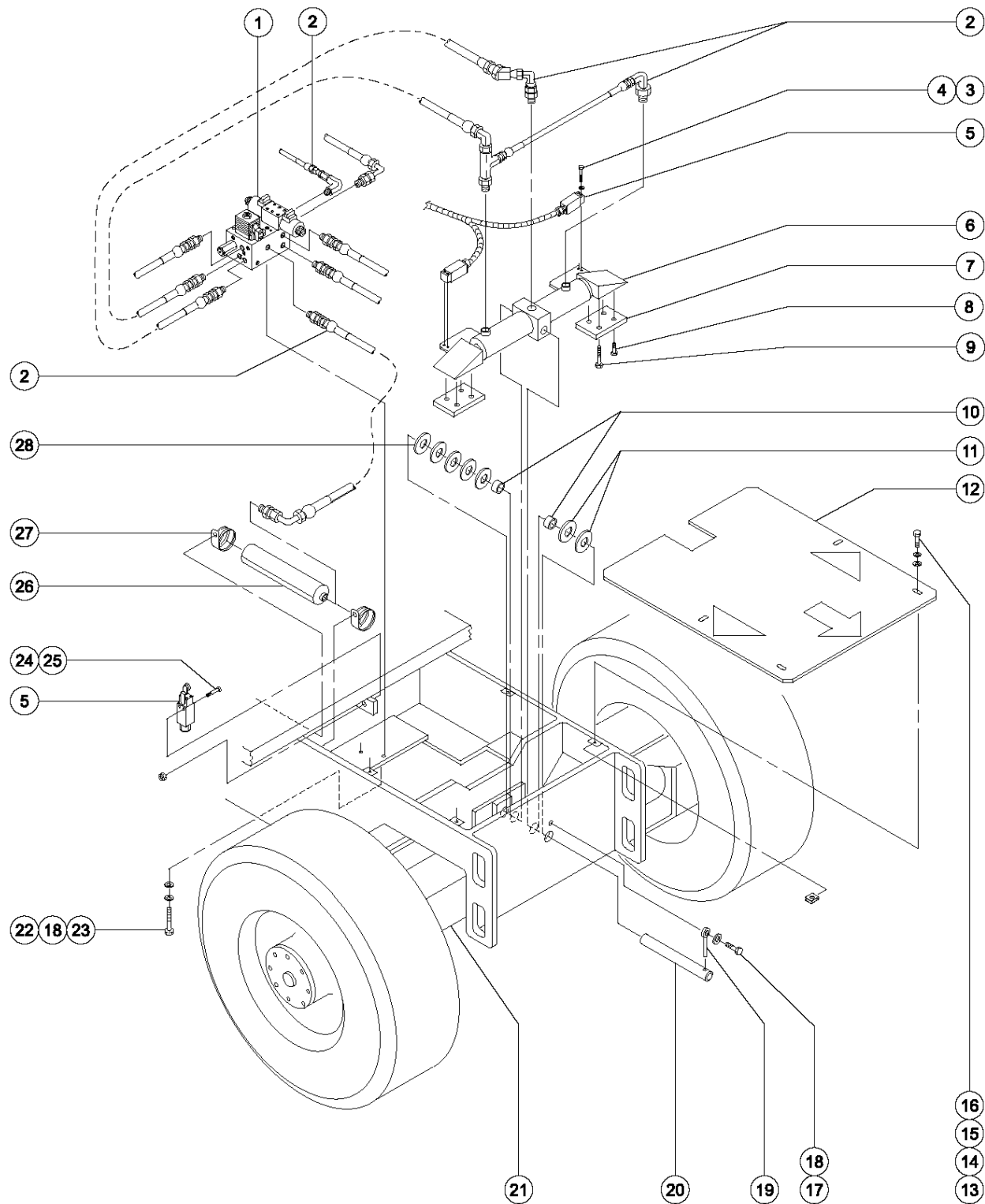
302.1 4WD Oscillating System



302.1 4WD Oscillating System

Item	Part No.	Description	Qty.
1	24503GT	MANIFOLD,STEER/OSCILLATION	1
2		Ref. Hydraulic Hoses and Fittings	1
		refer to section 306.1	
3	49821GT	SCREW,PHILLIPS,PHM,8-32 X 1.25	4
4	35461GT	WASHER,FLAT,MS,#8,Y	2
5	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	3
5-	19491GT	CONTACTOR,LIMIT SWITCH	
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	
6	24484GT	CYLINDER,OSCIL.,2.5X3,DBL.ACT.	1
6-	18471GT	SEAL KIT (CYL.PN# 45033,45034)	2
7	24705GT	WEAR PAD,OSCILLATING AXLE, Z45	2
8	48448GT	SCREW,FHS,3/8-24 X .50	4
9	17830GT	SCREW,FHS,3/8-24 X .75	4
10	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
11	1256117GT	WASHER,SHIM,1.56X3.5X.061,ZAG	2
12	27661GT	COVER W/DECAL,FRONT	1
13	6090GT	SCREW, HHC, 1/4-20 X .75	4
14	6356GT	WASHER,LOCK,.25	4
15	6638GT	WASHER, FLAT, USS, 1/4"Y	4
16	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
17	6175GT	SCREW,HHC,3/8-16 X 1	1
18	6021GT	WASHER,LOCK,.375	3
19	825019GT	ROD END, .375X3.69, ZAG	1
20	29057GT	PIN,AXLE PIVOT,10.75 X 1.5"	1
21		Ref. Steer Linkage - Oscillating Axle Installation	1
		refer to section 301.1	
22	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
23	5397GT	WASHER,FLAT,USS,5/16",Y	2
24	22541GT	SCREW,RHM,10-32 X 1.5	2
25	6178GT	NUT, NYLOCK, 10-32	2

302.1 4WD Oscillating System

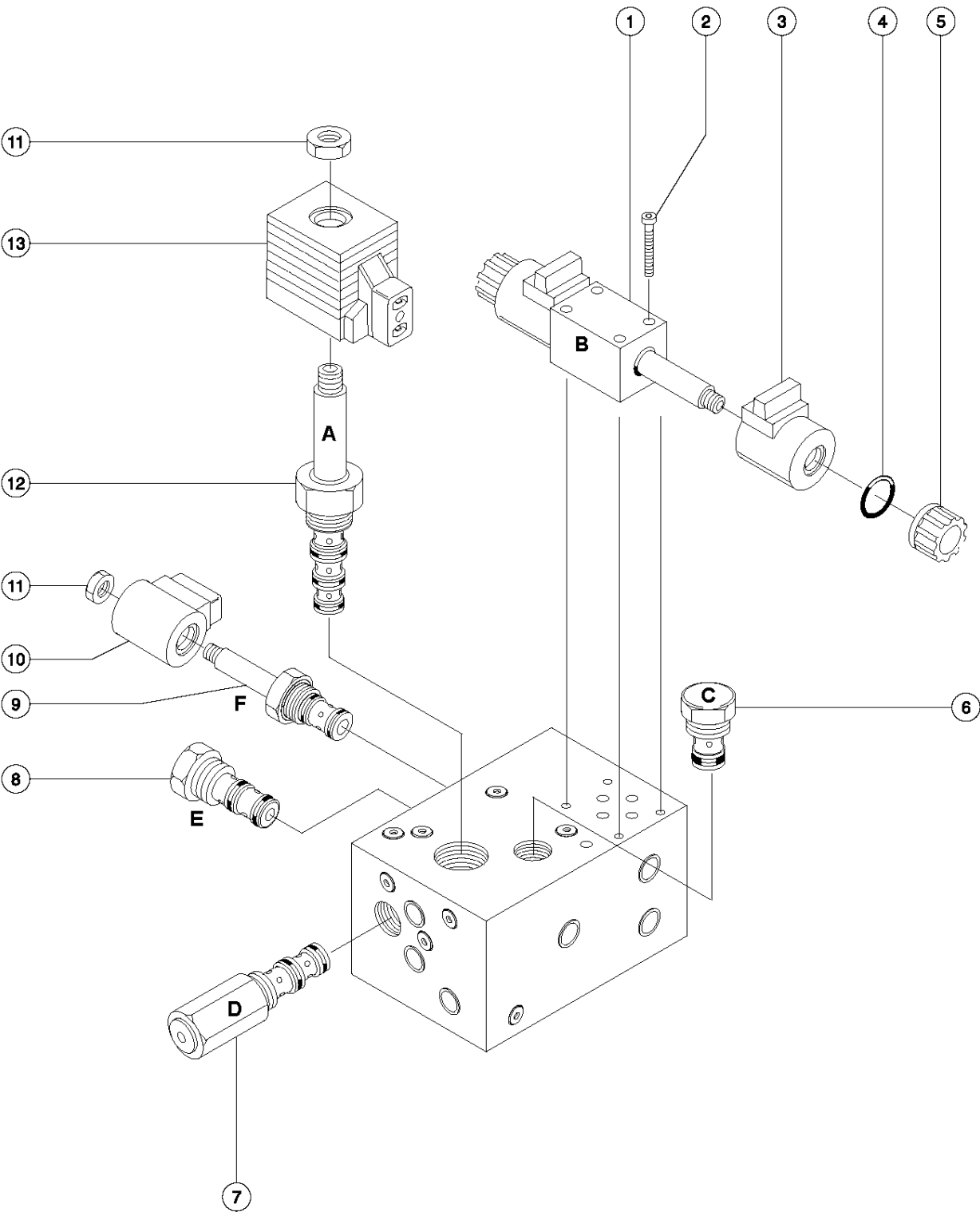


302.1 4WD Oscillating System

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
26	27374GT	ACCUMULATOR,1800PSI PRECHARGE*	1
27	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
28	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	5



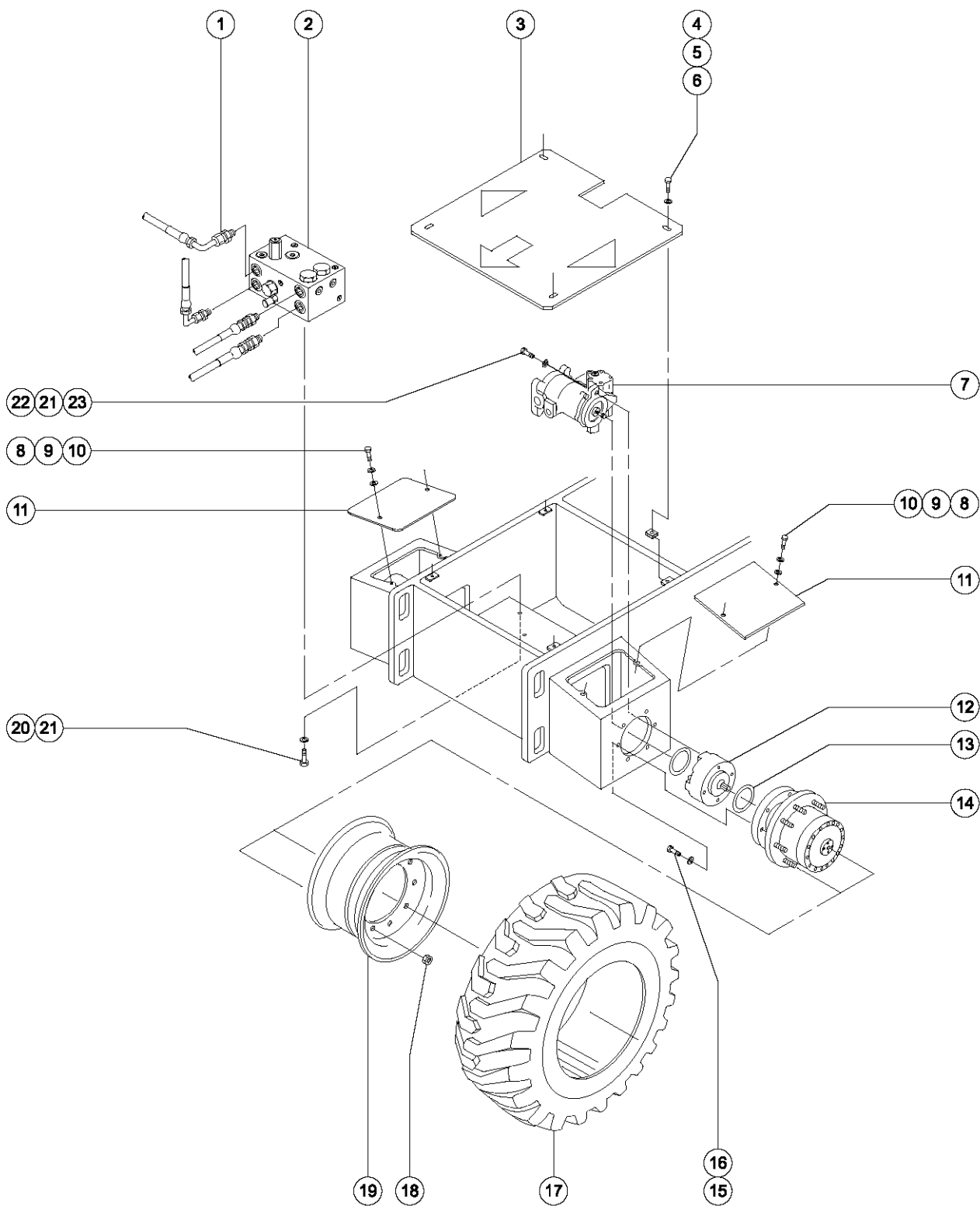
303.1 4WD Steer/Oscillating Manifold



303.1 4WD Steer/Oscillating Manifold

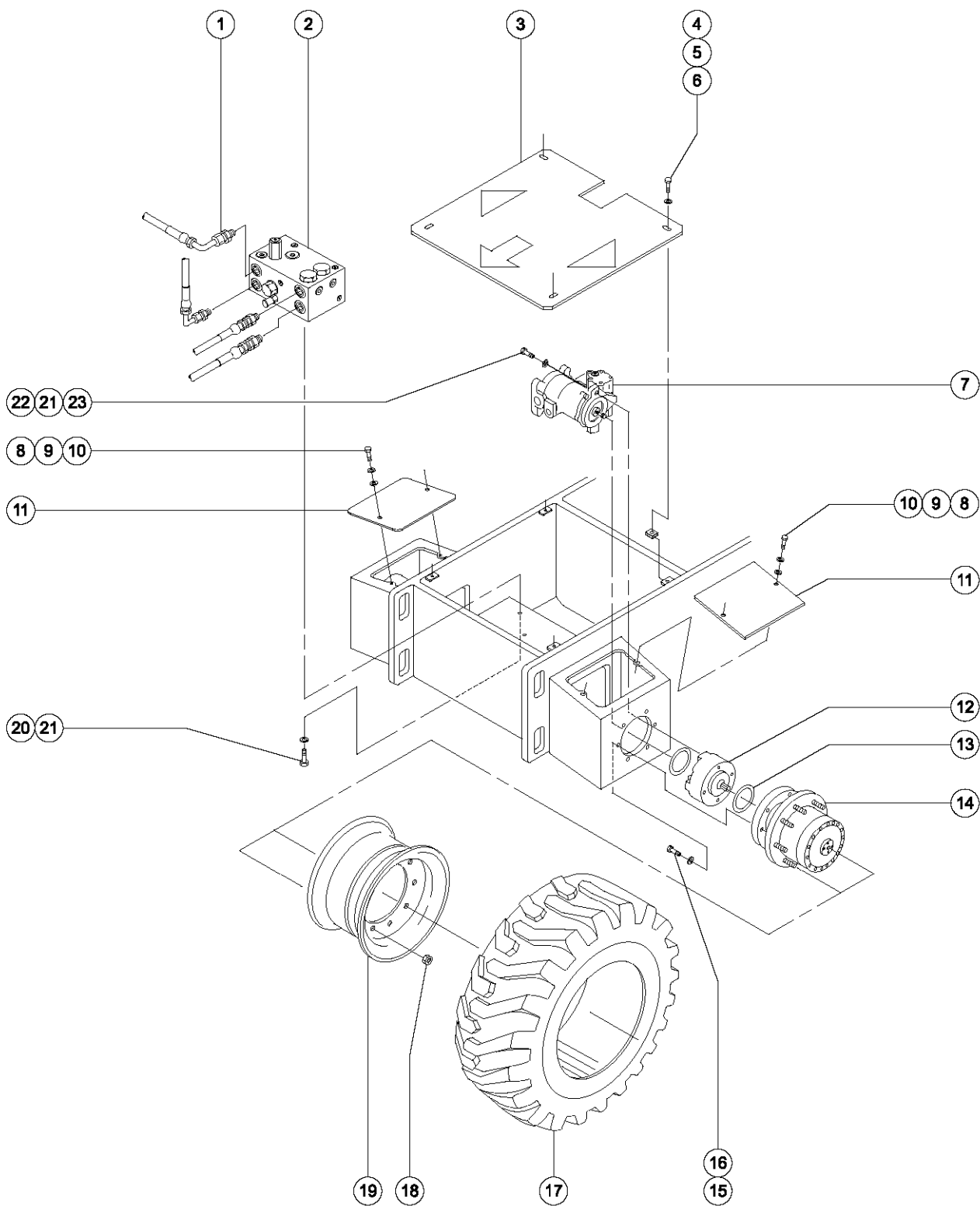
Item	Part No.	Description	Qty.
	24503GT	MANIFOLD,STEER/OSCILLATION	
	25375GT	KIT, O-RING	
	33994GT	PLUG AND CAP KIT-SERVICE,37 **	
1	146161GT	VALVE KIT,D03 includes index numbers 3, 4 and 5	1
2	43255GT	SCREW,SHC,10-24 X 2	4
3	223763GT	COIL WITH DE CONNECTOR use the connector from the old coil when replacing	2
4	48648GT	O-RING, D03 COIL	2
5	48649GT	NUT-D03 COIL	2
6	20318GT	VALVE,CHECK CP100-2-B-O-005	1
6-	110194GT	SEAL KIT, VALVE, #10	
7	27531GT	VALVE,PILOT OPERATED	1
7-	110197GT	SEAL KIT, VALVE, #10	
8	27532GT	VALVE,DIFFERENTIAL SENSING	1
8-	110197GT	SEAL KIT, VALVE, #10	
9	27803GT	VALVE,SOLENOID includes index numbers 10 and 11	1
9-	74902GT	SEAL KIT, VALVE	
10	52033GT	COIL,SOLENOID VALVE 10V(24503	1
11	52943GT	NUT, SOLENOID VALVE COIL	2
12	52034GT	VALVE,SOLENOID,2 POS-4 WAY-10V includes index numbers 11 and 13	1
12-	89722GT	SEAL KIT, SOLENOID VALVE	
13	29744GT	COIL,10V	1
A		Solenoid Valve Oscillate Cyl. Extend/Retract	
B		DO3 Valve Steer Left/Right	
C		Check Valve Oscillate Circuit	
D		Unloader Valve Oscillaate Relief	
E		Differential Sensing Valve Oscillate Circuit	
F		Solenoid Valve Steer Left/Right Dump	

304.1 4WD Non-steer Axle



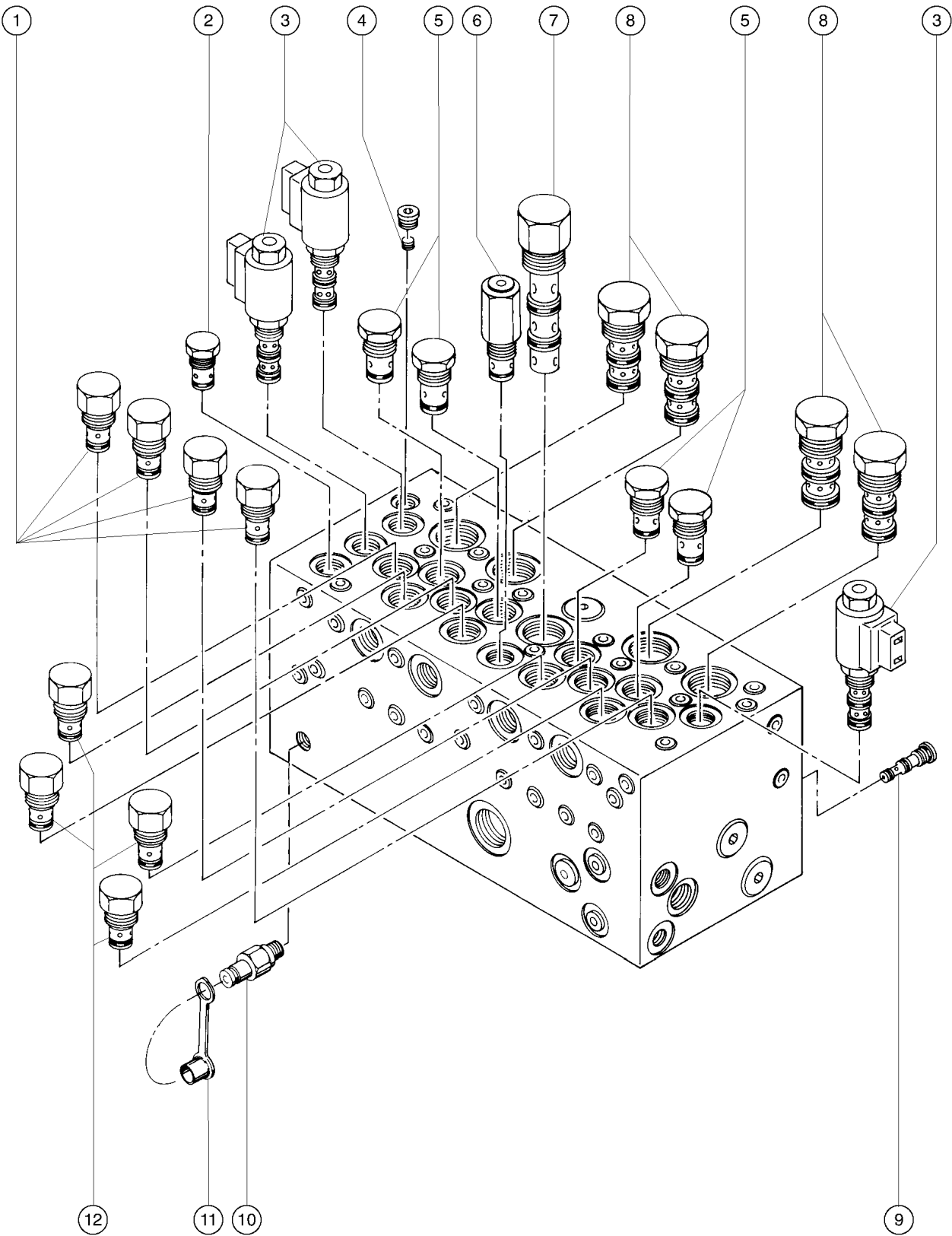
Item	Part No.	Description	Qty.
1		Ref. Hydraulic Hoses and Fittings refer to section 306.1	
2	40033GT	MANIFOLD,TRCN W/BYPASS,4WD***	1
3	27664GT	COVER W/DECAL,REAR	1
4	6090GT	SCREW, HHC, 1/4-20 X .75	4
5	6638GT	WASHER, FLAT, USS, 1/4"Y	4
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
7	24667GT	DRVE MOTOR REAR,4WD/1DEGREE	2
7-	65865GT	SEAL KIT, SUNSTRAND	
7-	83081GT	COVER, SERVO (24667)	
7-	49897GT	GASKET,TURTLE,DRV MTR,EDC	
7-	27067GT	SEAL,SHAFT-SUNDSTRAND***	2
8	8255GT	SCREW,HHC,3/8-16 X .75	4
9	6021GT	WASHER,LOCK,.375	4
10	5397GT	WASHER,FLAT,USS,5/16",Y	4
11	42484PGT	COVER, NON-STEER AXLE, PAINTED	2
12	41912GT	BRAKE,MICO,1200 IN/LB***	2
12-	41921GT	SEAL KIT,BRAKE,MICO	2
12-	41920GT	LINING KIT,MICO BRAKE (41916)	2
12-	41922GT	BEARING KIT,BRAKE,MICO	2
12-	72319GT	SPRING (RED) MICO For 41912; 8 required per brake	
13	52087GT	O-RING,2-044 BUNA***	4
14	20193GT	TORQUE HUB,35:1*** (Seal Kit 1286606, Bearing Kit 1286607)	2
14-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 20193	
14-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	2
14-	21143GT	BEARING KIT (45553) TORQUE HUB for 20193 (inventory limited to stock on hand as component is no longer available)	
14-	1286607GT	BEARING KIT,TORQUE HUB (20193) for 20193	
14-	33355GT	SNAP RING (TORQUE HUB) W1BFF	
14-	37097GT	O-RING, TORQUE HUB	2

304.1 4WD Non-steer Axle



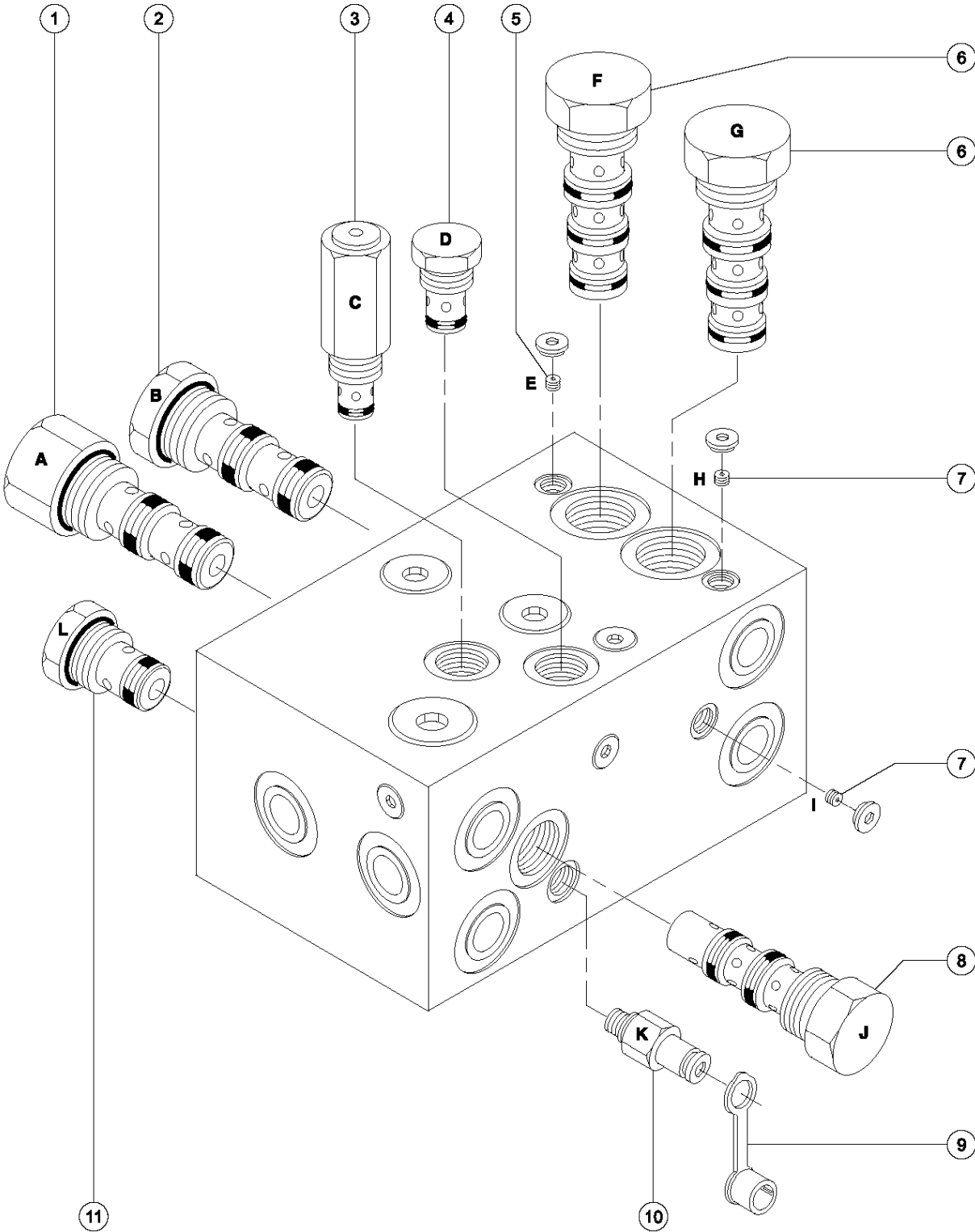
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
14-	21148GT	WASHER,THRUST,TORQUE HUB	2
14-	21146GT	COVER CAP,TORQUE HUB***	2
14-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB	2
14-	21145GT	DISCONNECT ROD-45553 TQ.HUB	2
14-	58438GT	KIT,COVER,TORQUE HUB,45553***	
14-	58589GT	THRUST CAP (20193)	
15	45066GT	SCREW,SHC,5/8-11 X 2.25	12
16	13064GT	WASHER,FLAT,.625 HARDENED	12
17		Ref., Tire and Wheel Assy	2
		refer to 201.1	
18	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
19	54139GT	WHEEL,14.5 X 7	2
19-	24403GT	WHEEL,17.5 X 10.5,9 HOLE 50#	2
20	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	3
21	6033GT	WASHER,LOCK,0.5"	6
22		Ref. Screw - SHC, 1/2 -13 x 5 inches, GR 8	4
23		Ref. Washer - Flat, 1/2 inch	4

305.1 4WD Drive Manifold (to SN 2538)



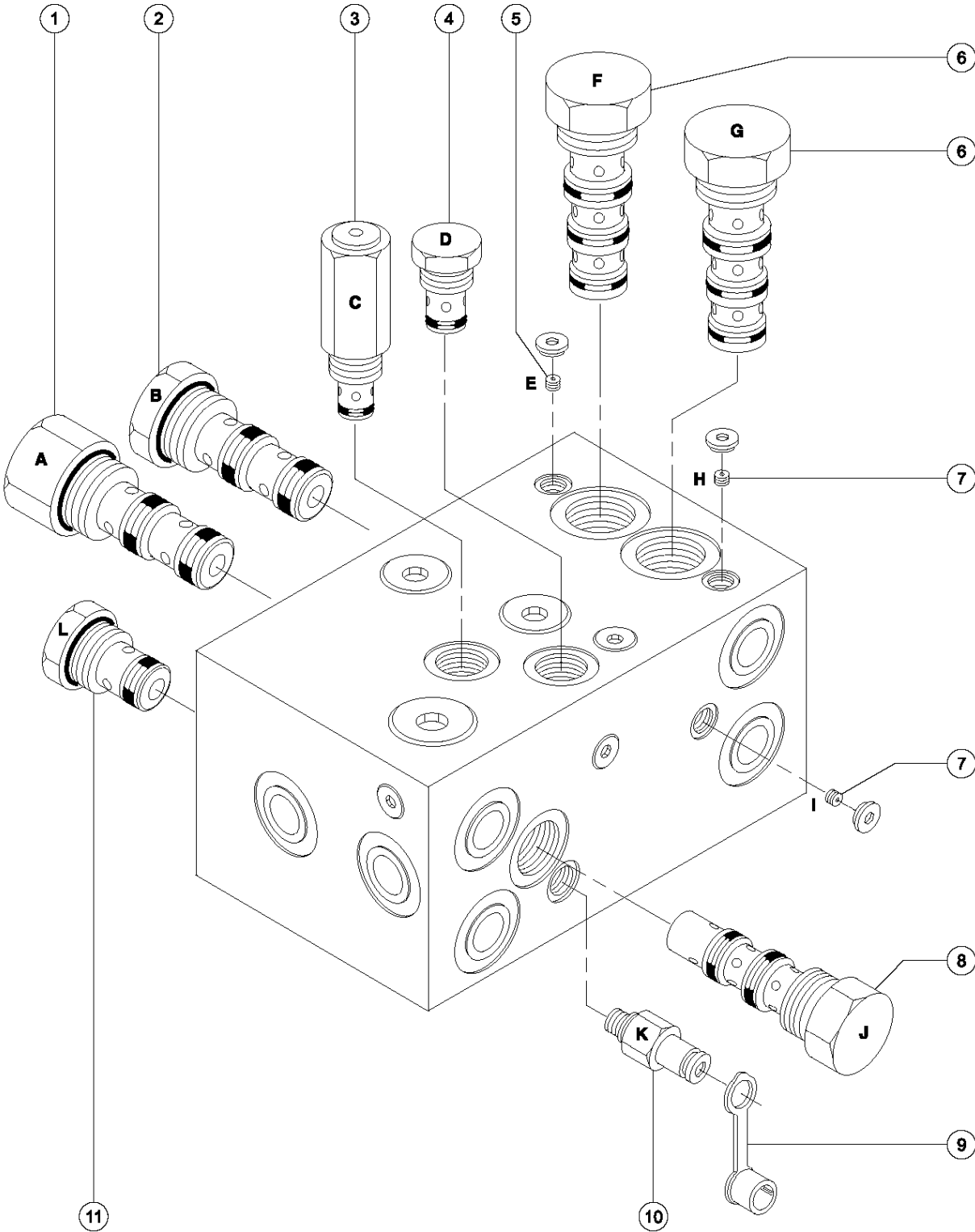
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	24504GT	MANIFOLD,TRACTION,4WD	
	25375GT	KIT, O-RING	
1	27765GT	VALVE,FLOW REGULATOR	4
1-	110195GT	SEAL KIT, VALVE, #12	
2	27759GT	VALVE,CHECK	1
2-	74902GT	SEAL KIT, VALVE	
3	27762GT	VALVE,SOLENOID	3
3-	21444GT	COIL,12 VOLT (21299 MANIFOLD)	3
3-	45912GT	NUT,SOLENOID VALVE 2P3W	3
3-	72043GT	SEAL KIT,SOLENOID VALVE	
4	27758GT	PLUG,0.036 ORIFICE	1
5	20318GT	VALVE,CHECK CP100-2-B-O-005	4
5-	110194GT	SEAL KIT, VALVE, #10	
6	31406GT	VALVE,RELIEF 250 PSI***	1
6-	110194GT	SEAL KIT, VALVE, #10	
7	27761GT	VALVE,SHUTTLE	1
7-	84134GT	SEAL KIT, VALVE	
8	27763GT	VALVE,PILOT TO OPEN CHECK	4
9	45483GT	VALVE,SHUTTLE***	1
9-	58994GT	SEAL KIT,VALVE (48647)	
10	48997GT	NIPPLE,DIAGNOSTIC,#4	1
10	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
11	48880GT	CAP,DIAGNOSTIC NIPPLE	1
12	27764GT	VALVE,FLOW REGULATOR	4
12-	110194GT	SEAL KIT, VALVE, #10	

305.2 4WD Drive Manifold (from SN 2539)



Item	Part No.	Description	Qty.
	40033GT	MANIFOLD,TRCN W/BYPASS,4WD*** includes index numbers 1 through 8 and 11	
	25375GT	KIT, O-RING	
	33994GT	PLUG AND CAP KIT-SERVICE,37 **	
1	48658GT	VALVE,DIRECT. CONTROL,4WD S60	1
1-	84135GT	SEAL KIT, VALVE	
2	33521GT	VALVE,FLOW DIVIDER/COMBINER	1
2-	84135GT	SEAL KIT, VALVE	
3	43597GT	VALVE,RELIEF,210 PSI	1
3-	110194GT	SEAL KIT, VALVE, #10	
4	33562GT	VALVE,CHECK,PILOT OPERATED	1
4-	84133GT	SEAL KIT, VALVE 84131	
5	29737GT	PLUG,ORIFICE,0.052 INCH	1
6	52726GT	VALVE,FLOW DIVIDER/COMBINER	2
6-	84135GT	SEAL KIT, VALVE	
7	33520GT	PLUG,ORIFICE,0.070	2
8	27761GT	VALVE,SHUTTLE	1
9	48880GT	CAP,DIAGNOSTIC NIPPLE	1
10	48997GT	NIPPLE,DIAGNOSTIC,#4	1
10	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
11	23938GT	VALVE,CHECK 45027,20419	1
11-	110194GT	SEAL KIT, VALVE, #10	
A		Valve - Directional Control Divider Bypass	
B		Valve - Flow Divider Drive Circuit	
C		Valve - Relief Charge Pressure Circuit	
D		Valve - Check Divider Bypass Circuit	
E		Plug - Orifice, 0.052 inch (1.32 mm) Steer End Drv Mtr Circuit	
F		Valve - Flow Divider Front Wheel Drive Circuit	
G		Valve - Flow Divider Non-Steer End Wheel Drive Circuit	

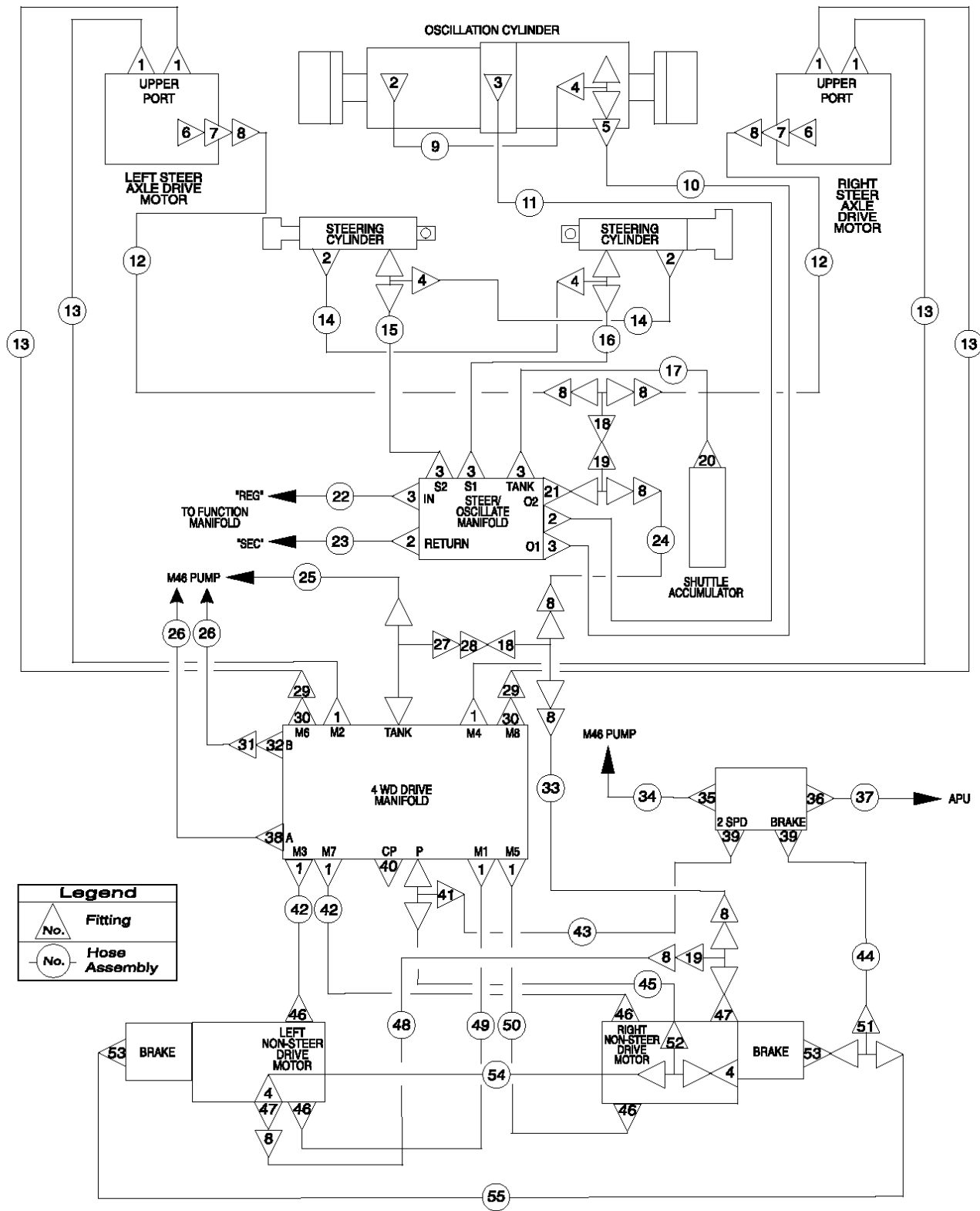
305.2 4WD Drive Manifold (from SN 2539)



305.2 4WD Drive Manifold (from SN 2539)

Item	Part No.	Description	Qty.
H		Plug - Orifice, 0.070 inch (1.78 mm) Rear Drive Motor Circuit	
I		Plug - Orifice, 0.070 inch (1.78 mm) Drive Circuit Circuit	
J		Valve - Shuttle Hot Oil Shuttle	
K		Diagnostic Nipple Testing	
L		Valve - Check Divider Bypass Circuit	

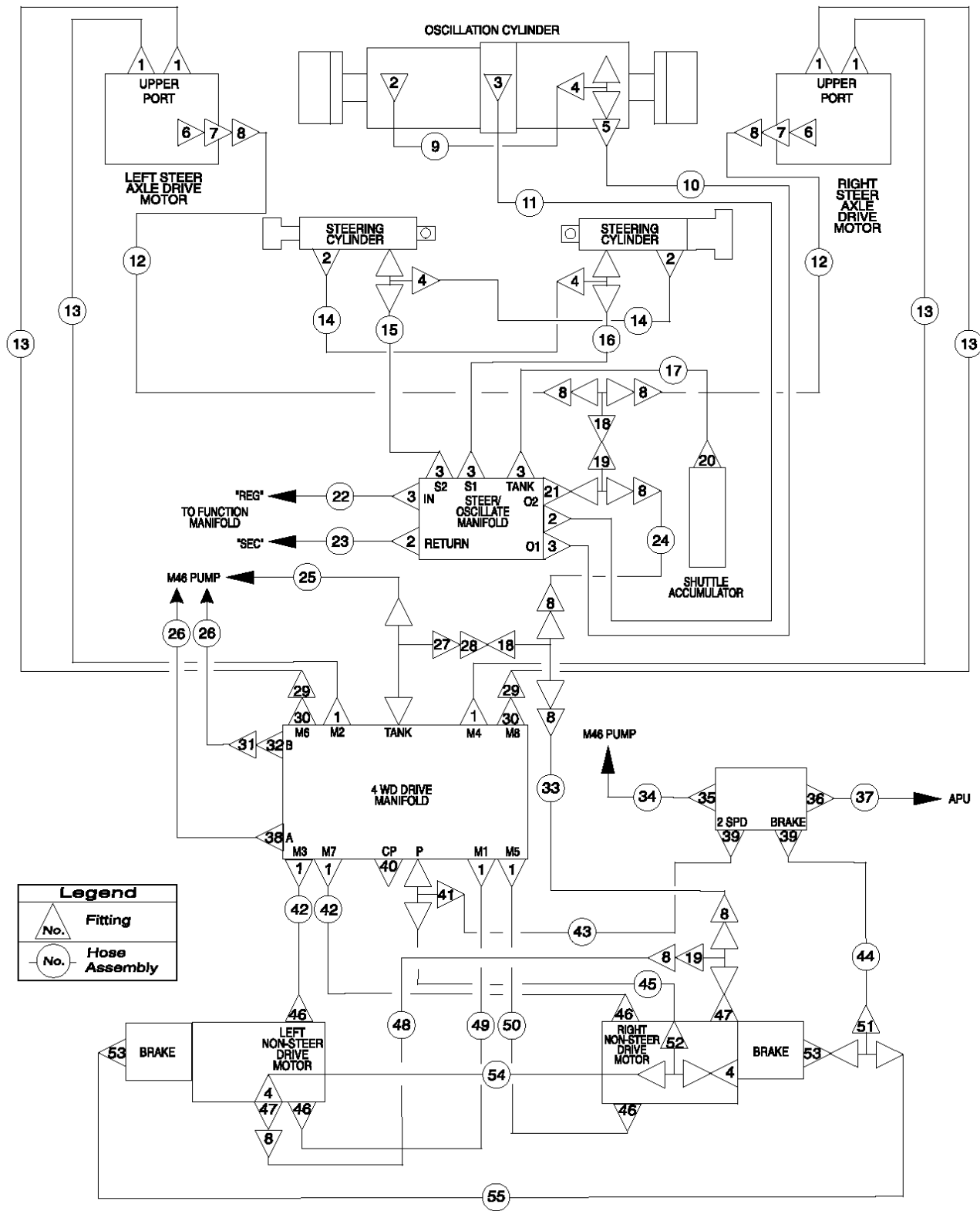
306.1 4WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Models



306.1 4WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Models

Item	Part No.	Description	Qty.
1	45360GT	CONNECTOR,070120-10-12	10
2	13120GT	ELBOW,070220-6-6	7
3	45412GT	CONNECTOR,070120-6-6	7
4	13119GT	TEE,RUN,070428-6-6	3
5	45367GT	ELBOW,070221-6-6	1
6	22665GT	CONNECTOR,070120-8-10	2
7	45702GT	ELBOW,070221-8-8	2
8	20324GT	HOSE END,BARBED,SWIVEL,-8-8	10
9	13576GT	HOSE ASSY,VB-HAND PUMP,13.5" Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
10	28029GT	HOSE ASSY,OSC.MNFLD/RUN TEE Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
11	28033GT	HOSE ASSY,OSC.MNFLD/OSC.CYLIND Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, Long, 6-6 (Synflex 3903-06846) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
12	28025GT	HOSE,FT DRIVE MOTOR RETURN Hose, 1/2 inch Neoprene Low Pressure (Weatherhead H20108)	2
13	28021GT	HOSE ASSY,TRCTN.MFLD/F.DRV.HUB Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550), Hose End - Female 90° JIC Swivel, 8-10 (Synflex 3903-08650) and Hose, 1/2 inch Thermoplastic Medium Pressure (Synflex 3800-08)	4
14	28032GT	HOSE ASSY,STEER CYL. CROSSOVER Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	2
15	28035GT	HOSE ASSY,OSC.MNFLD-L/STR.CYL. Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
16	28030GT	HOSE ASSY,OSC.MNFLD-R/STR.CYL. Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
17	28037GT	HOSE ASSY,OSC.MNFLD/ACCUMULATR Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
18	22273GT	TEE,BRANCH,070433-8-8	2
19	21252GT	TEE,RUN,070432-8	2
20	27431GT	CONNECTOR,070120-8-12	1
21	20923GT	CONNECTOR,070120-8-6	1

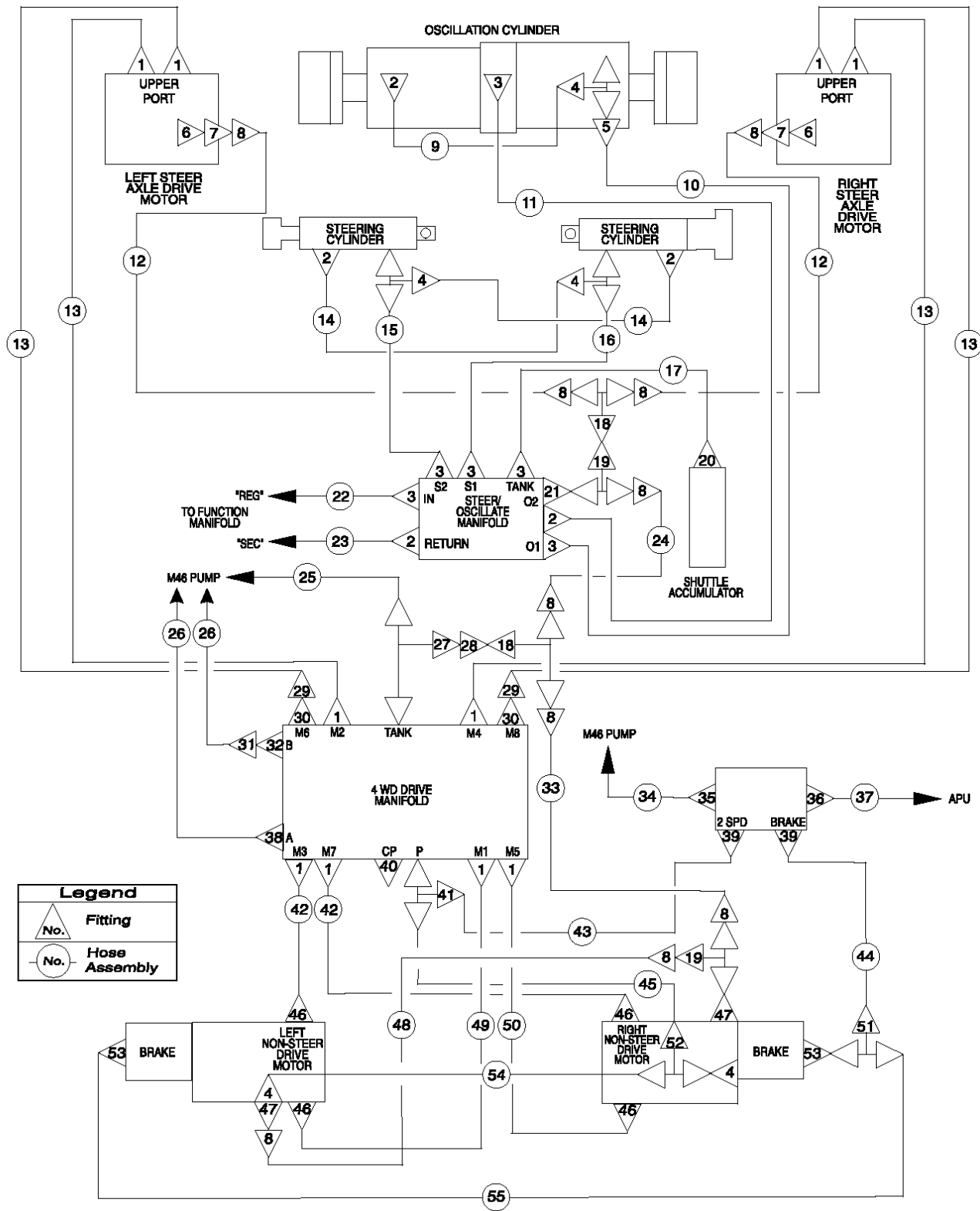
306.1 4WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Models



306.1 4WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Models

Item	Part No.	Description	Qty.
22	28036GT	HOSE ASSY,FNCT.MNFLD-OSC.MNFLD Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
23	28031GT	HOSE ASSY,FNCTN.MNFLD/OSC.MNFD Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
24	28034GT	HOSE,55" Hose, 1/2 inch Neoprene Low Pressure (Weatherhead H20108)	1
25	28028GT	HOSE ASSY,TRCTN.MNFLD.RTN/TEE Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612), Hose End - Female JIC Swivel, 12-12 (Weatherhead 12U-612) and Hose, 3/4 inch Neoprene Medium Pressure (Weatherhead H10412)	1
26	28027GT	HOSE ASSY,PWR.UNIT/TRACTN.MNFD Hose End - Female 90° JIC Swivel, 12-12 (Weatherhead 12U-672), Hose End - Female JIC Swivel, 12-16 (Weatherhead 12U-616) and Hose, 3/4 inch Rubber High Pressure (Weatherhead H43012)	2
27	28456GT	TEE,RUN,070428-12-12	1
28	20325GT	REDUCER,070123-12-8	1
29	21483GT	REDUCER,070123-12-10	2
30	22099GT	ELBOW,070320-12-12	2
31	28447GT	ELBOW,070221-16-16	1
32	20710GT	CONNECTOR,070120-16-12	1
33	49177-1992GT	HOSE ASSY,1/2" Hose, 1/2 inch Neoprene Low Pressure (Weatherhead H20108)	1
34	35239GT	HOSE ASSY,DRV.PUMP TO BRK.VALV Hose End - Female 90° JIC Swivel, 4-6 (Synflex 3903-04646), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-04546) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
35	12342GT	CONNECTOR,070120-6-4	1
36	28457GT	ELBOW,070220-6-4	1
37	28013GT	HOSE ASSY,AUX.P.U.-FUNCT.MNFLD Hose End - Female JIC Swivel, 6-6 (Weatherhead O6U-606), Hose End - Female 90° JIC Swivel, 6-6 (Weatherhead O6U-666) and Hose, 3/8 inch Rubber High Pressure (Weatherhead H24506)	1
38	35078GT	ELBOW,070220-16-12	1
39	13755GT	CONNECTOR,070120-4-4	2
40	48997GT	NIPPLE,DIAGNOSTIC,#4	1
40	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
40	48880GT	CAP,DIAGNOSTIC NIPPLE	1
41	28444GT	TEE,RUN,070428-6-6	1
42	31802GT	HOSE ASSY,13" Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550), Hose End - Female 90° JIC Swivel, 8-10 (Synflex 3903-08650) and Hose, 1/2 inch Thermoplastic Medium Pressure (Synflex 3800-08)	2

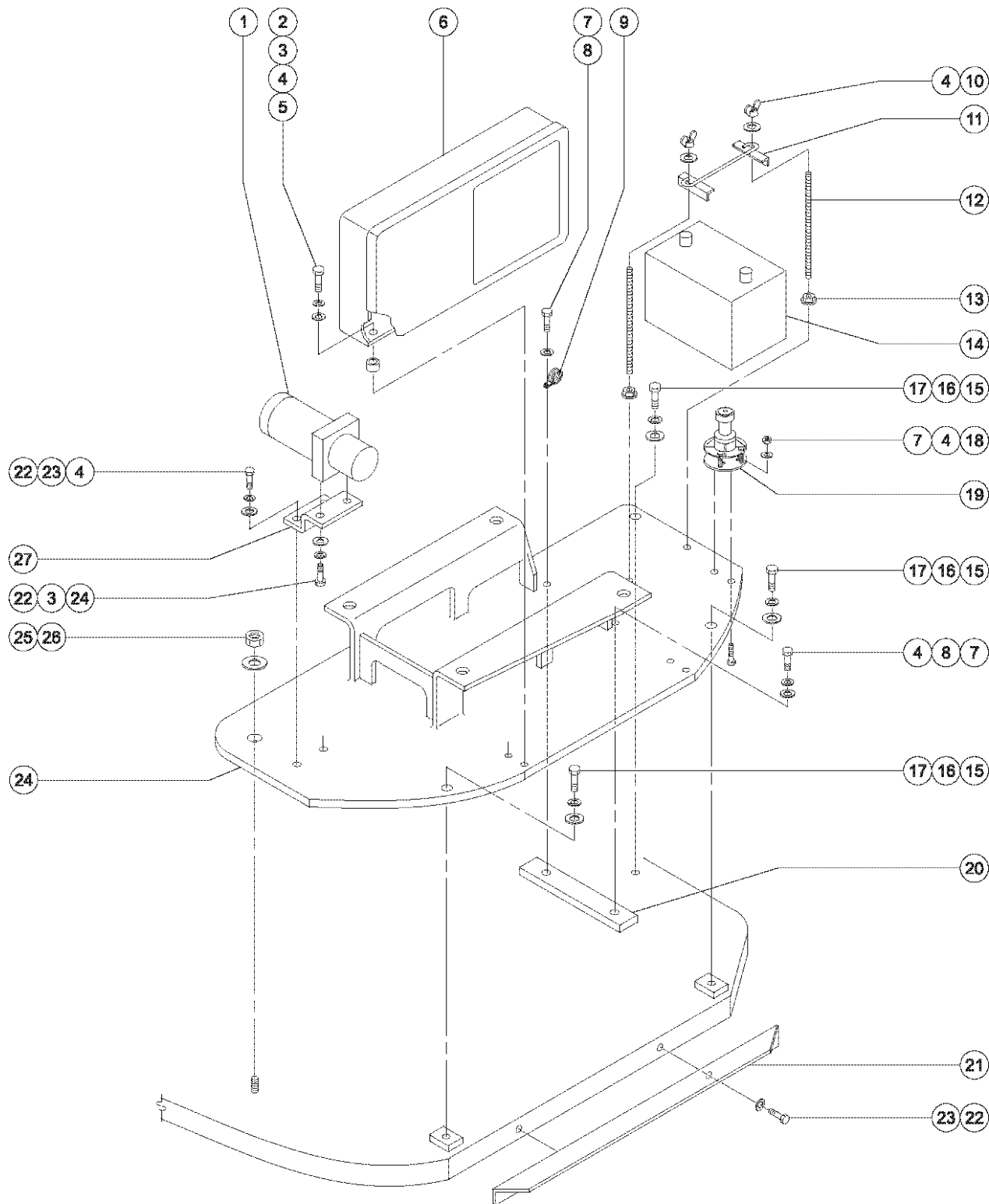
306.1 4WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Models



306.1 4WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Models

Item	Part No.	Description	Qty.
43	35237GT	HOSE ASSY,2 SPD.VAL.TO RR.MOTR Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female 90° JIC Swivel, 4-6 (Synflex 3903-04646) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
44	35241GT	HOSE ASSY,BRK.VAL.TO BRAKEPORT Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female 90° JIC Swivel, 4-4 (Synflex 3903-04644) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
45	35245GT	HOSE ASSY,BYPAS VAL.TO 2SP.PRT Hose End - Female JIC Swivel, 6-4 (Synflex 3903-04546), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-04546) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
46	44083GT	ELBOW,070220-10-16	4
47	25951GT	ELBOW,070220-8-12	2
48	20690GT	HOSE,LOW PRESSURE,1/2 IDRUBBER Hose, 1/2 inch Neoprene Low Pressure (Weatherhead H20108)(replaced PN 35242)	1
49	46184GT	HOSE ASSEMBLY,DRV.MAN.M1 TO LR Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550), Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550) and Hose, 1/2 inch Thermoplastic Medium Pressure (Synflex 3800-08) (replaced PN 32210)	1
50	31800GT	HOSE ASSY,15.75" Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550), Hose End - Female JIC Swivel, 8-10 (Synflex 3903-08550) and Hose, 1/2 inch Thermoplastic Medium Pressure (Synflex 3800-08)	1
51	13757GT	TEE,RUN,070432-4	1
52	45366GT	TEE,RUN,070432-6-6	1
53	13921GT	ELBOW, 07022-4-4	2
54	35238GT	HOSE ASSY,LT.DRV.TO 2SPD.PORT Hose End - Female JIC Swivel, 6-4 (Synflex 3903-04546), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-04546) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
55	49189-4263GT	HOSE ASSY,1/4" Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1

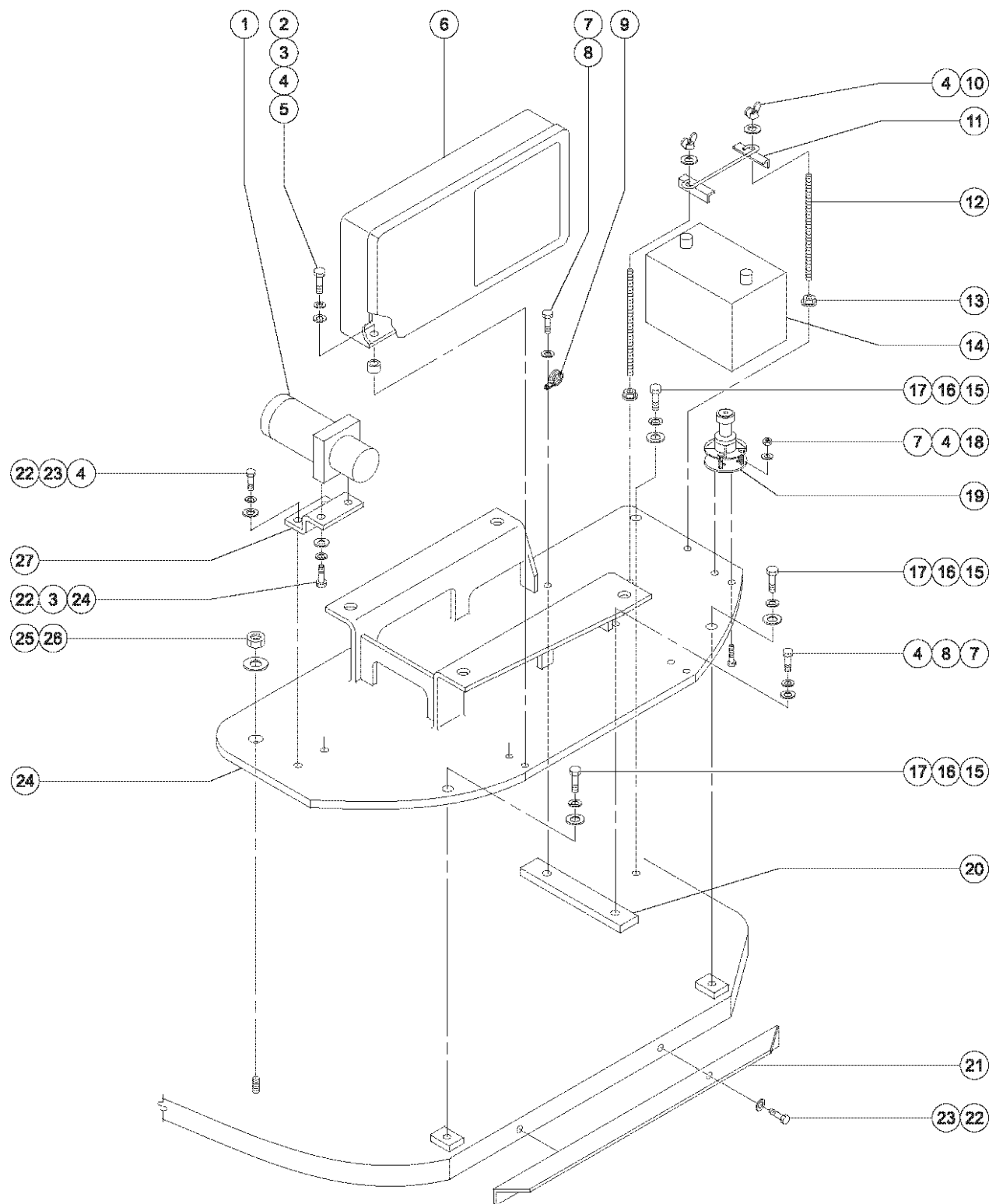
401.1 Engine Pivot Mount Components - Ford Gasoline/LPG Engine



401.1 Engine Pivot Mount Components - Ford Gasoline/LPG Engine

Item	Part No.	Description	Qty.
1	112379GT	POWER UNIT,12VDC AUX***	1
1	43687GT	MOTOR,12VDC (42185)	1
1	43688GT	PUMP ASSY (42185)	1
1	112308GT	SOLENOID,12V,APU	1
1	38156GT	VALVE,RELIEF KIT,MONARCH**	1
2	13000GT	SCREW,HHC,5/16-18 X 1.25	4
3	6886GT	WASHER,LOCK, .313	6
4	5397GT	WASHER,FLAT,USS,5/16",Y	13
5	45400GT	SPACER TUBE, .50 LG	4
6		Ref. Ground Controls refer to sections 506.1 and 507.1	4
7	6888GT	SCREW,HHC,1/4-20 X 1	4
8	6356GT	WASHER,LOCK, .25	2
9	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	1
10	8170GT	NUT,WING,1/4-20	2
11	T107827GT	BATTERY HOLD DOWN	1
12	27506GT	THREADED ROD,(1/4-20),8.5"	2
13	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	2
14	36872GT	BATTERY, 12V	1
15	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	3
16	6033GT	WASHER,LOCK,0.5"	3
17	6095GT	WASHER,FLAT,USS,1/2",Y	3
18	6889GT	NUT,LP NYLOCK,1/4-20	2
19	44586GT	SENSOR,LEVEL 4.5***	1
20	25635GT	PAD,NYLON-12 X 2 X 0.625 INCH	1
21	24593PGT	ANGLE,SWING CHASSIS,PAINTED	1
22	8255GT	SCREW,HHC,3/8-16 X .75	6
23	6021GT	WASHER,LOCK, .375	4
24	25637GT	ENGINE PIVOT MOUNT WELDMENT	1

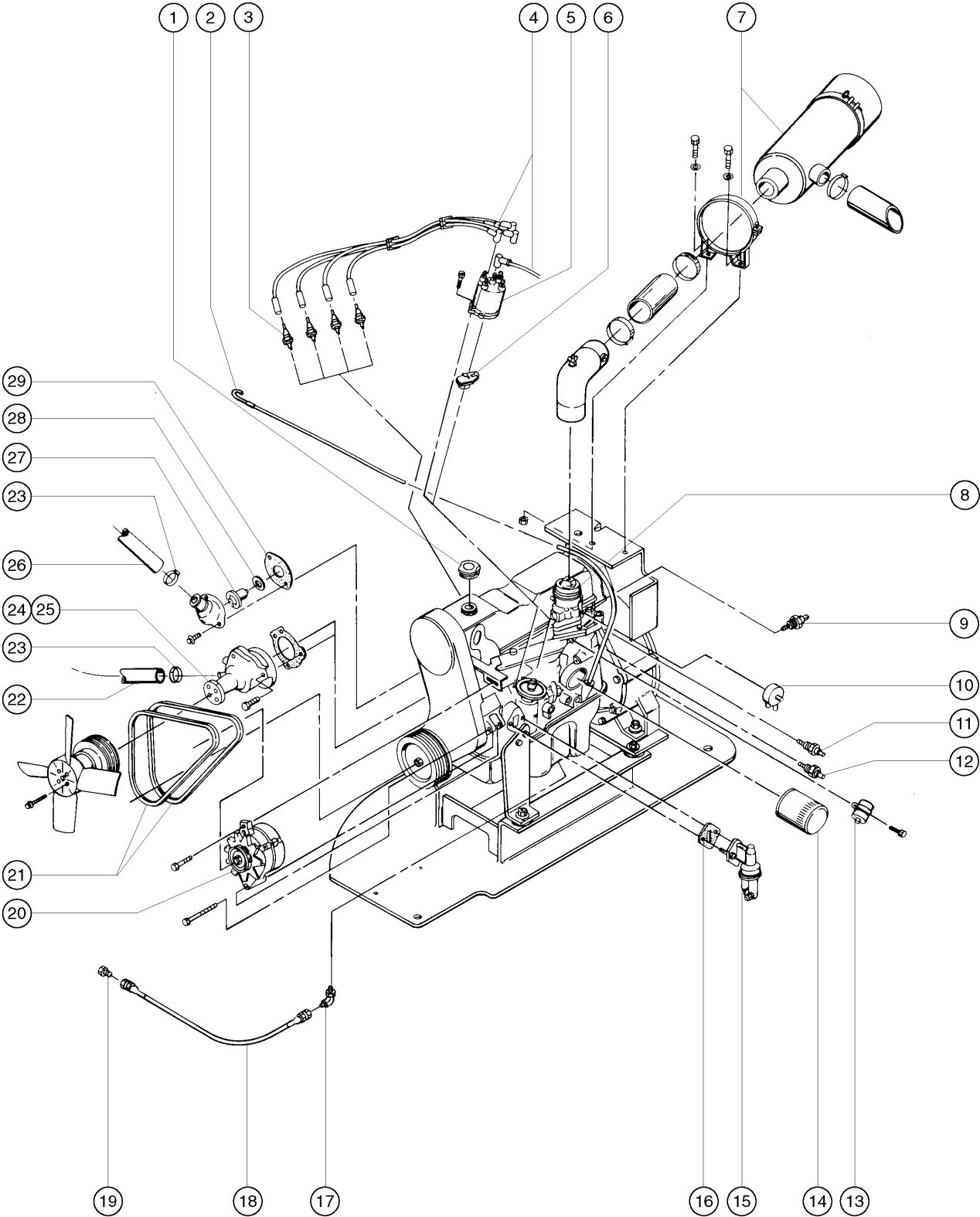
401.1 Engine Pivot Mount Components - Ford Gasoline/LPG Engine



401.1 Engine Pivot Mount Components - Ford Gasoline/LPG Engine

Item	Part No.	Description	Qty.
25	19331GT	NUT,LP NYLOCK,1-12	1
26	13775GT	WASHER,FLAT,1.063 X 2 X .134	1
27	25855PGT	BRACKET,AUX PUMP MOUNT,PAINT	1

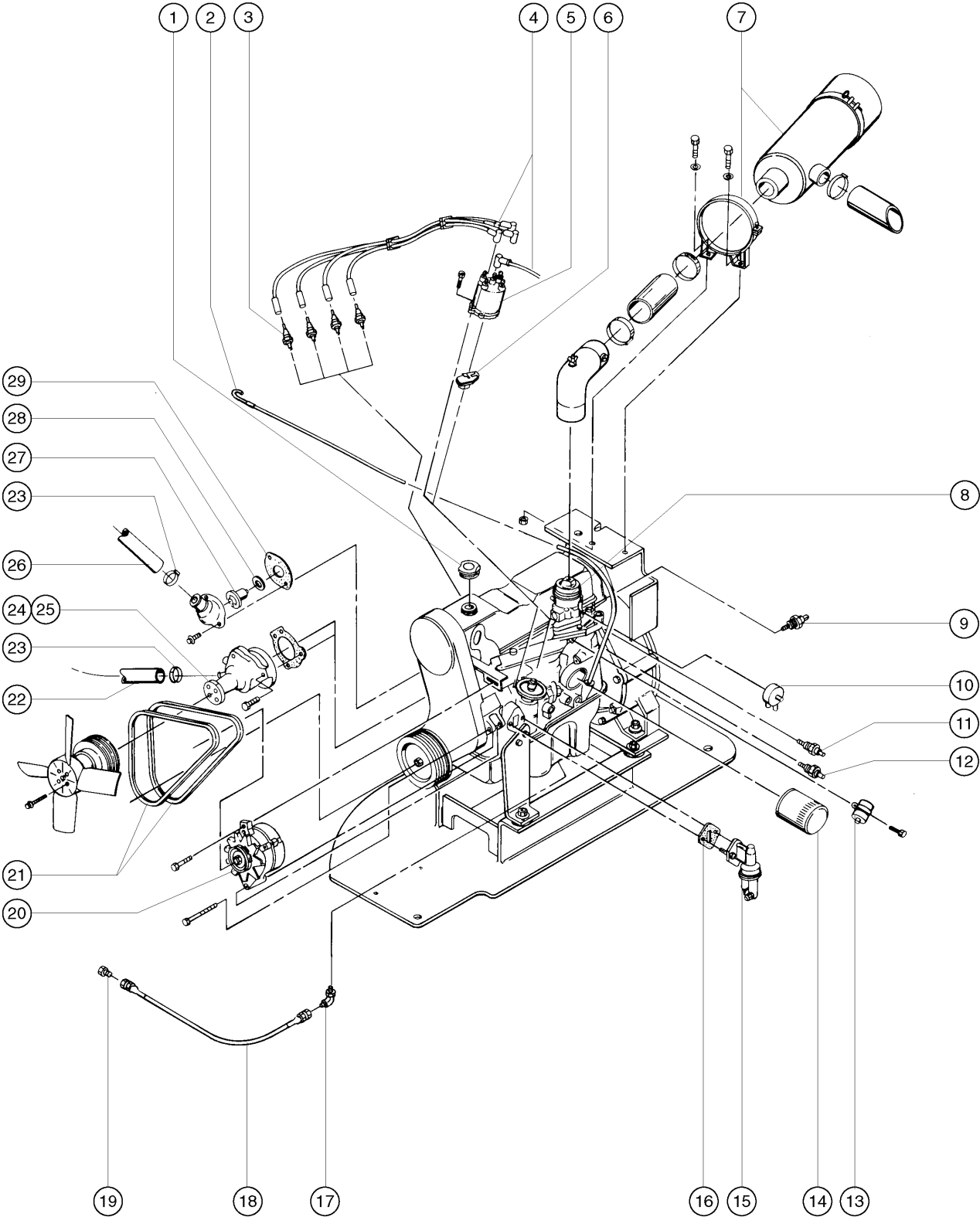
402.1 Ford LSG-423 Engine - View 1 (to SN 2538)



402.1 Ford LSG-423 Engine - View 1 (to SN 2538)

Item	Part No.	Description	Qty.
1	28658GT	CAP, OIL FILLER, FORD LSG423	1
2	32969GT	DIPSTICK,FORD LSG-423	1
3	28647GT	SPARK PLUG,FORD	4
4	28648GT	SPARK PLUG WIRE SET, LSG 423	1
		Genie genuine part	
4-	1259056GT	SPARK PLUG WIRE SET, LSG 423	
		Genie aftermarket	
5	28650GT	CAP,DISTRIBUTOR,FORD	1
6	28649GT	ROTOR,DISTRIBUTOR,FORD	1
7	27915GT	AIR CLEANER	1
		does NOT include mounting bands	
7-	27916GT	FILTER,AIR,ELEMENT***	1
7-	65815GT	CLAMP, AIR CLEANER (27915)**	1
		clamp that holds the end cap on	
7-	33931GT	MOUNTING BAND (27915)	
8	28714GT	CARB REPAIR KIT, LSG/LRG-423	1
9	28651GT	SOLENOID, ANTI-DIESELING	1
10	29439GT	COIL, AUTOMATIC CHOKE,	1
10-	29439GT	COIL, AUTOMATIC CHOKE,	1
11	28713GT	SWITCH,OIL PRESSURE,CLOSED***	1
12	28663GT	SENDER,WATER TEMP INDICATOR	1
13	28662GT	FILTER,FUEL,LRG-423,SCREW-IN	1
14	28656GT	FILTER,OIL,FORD	1
		Genie genuine part	
14-	1259054GT	FILTER, OIL, FORD	
		Genie aftermarket part	
15		PUMP,FUEL,FORD (28665)	1
		manual pump (component no longer available)	
15A	46164GT	FUEL PUMP KIT,FORD LRG 423***	
		electric pump kit (existing pump seals engine; do not remove from engine)	
16	28659GT	GASKET,FUEL PUMP,FORD	1
17	27210GT	ELBOW,90DEG.6 X 14	1
18	28020GT	HOSE ASSY,MOTOR OIL DRAIN	1
19	19141GT	PLUG,MALE,070109-6	1
20	28716GT	ALTERNATOR,FORD LSG-423***	1
21	28652GT	BELT,V, FAN/ALT,FORD LSG423	2

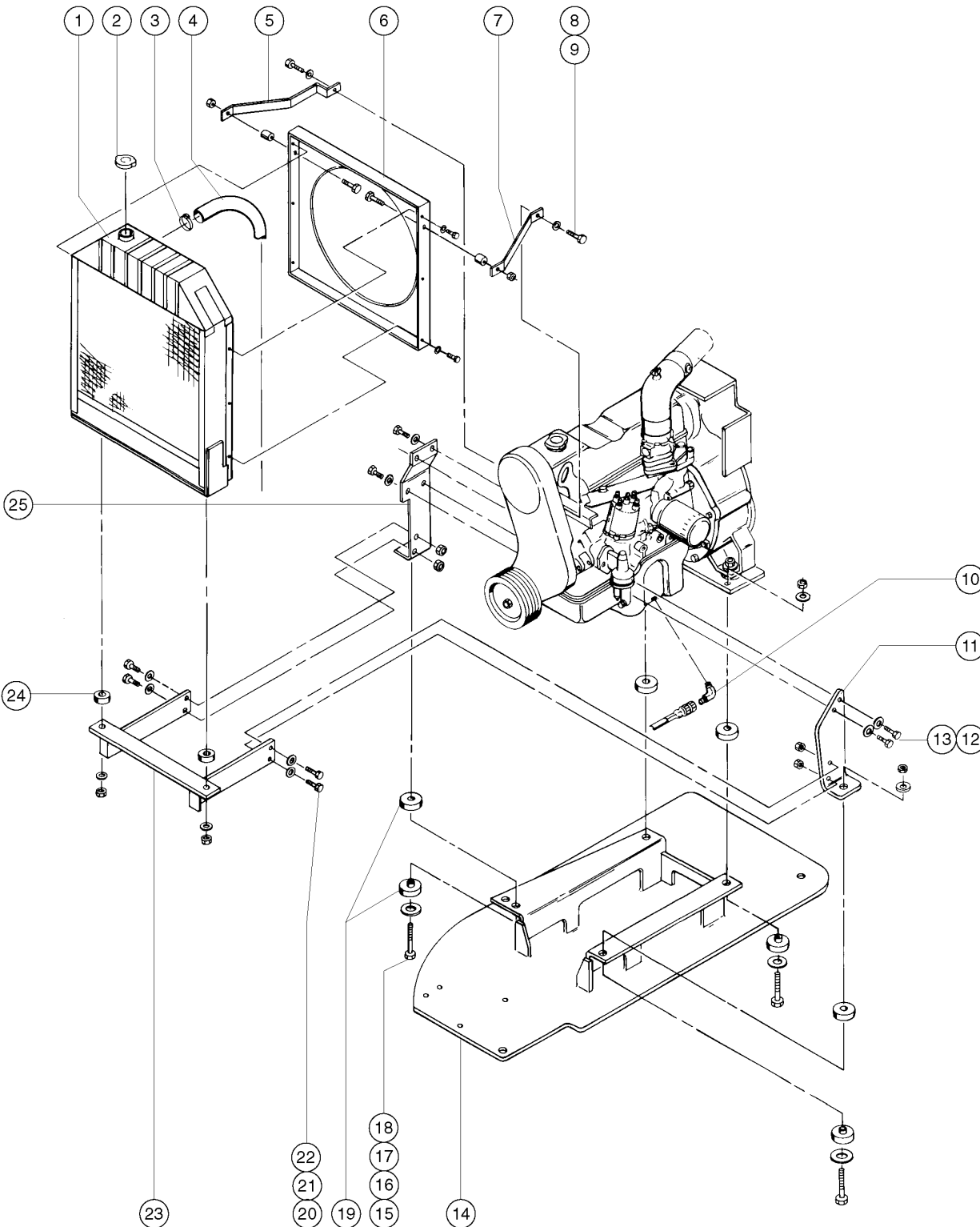
402.1 Ford LSG-423 Engine - View 1 (to SN 2538)



402.1 Ford LSG-423 Engine - View 1 (to SN 2538)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
22	28769GT	HOSE,BOTTOM RADIATOR,FORD	1
23	45171GT	CLAMP,HOSE,1.75,LINED	2
24	28666GT	PUMP,WATER,FORD	1
25		GASKET,WATER PUMP,FORD	1
		(no longer available)	
26	29770GT	AWP 30AC STD,('95 STYLE)	1
27		THERMOSTAT & SEAL,FORD	1
		no longer available from supplier	
28	28654GT	SEAL,THERMOSTAT,FORD	1
29	28653GT	GASKET,WATER OUTLET,FORD	1

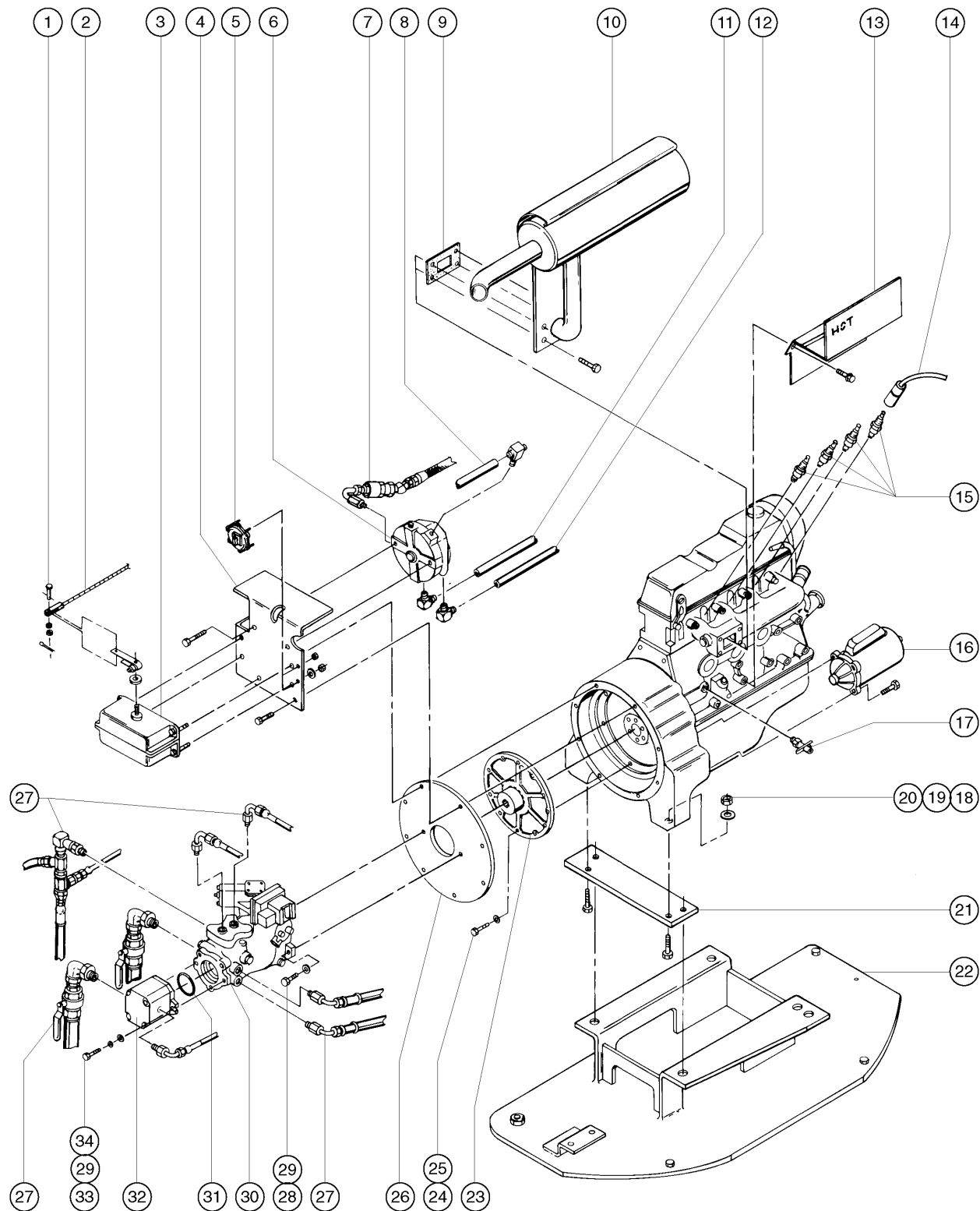
403.1 Ford LSG-423 Engine - View 2 (to SN 2538)



403.1 Ford LSG-423 Engine - View 2 (to SN 2538)

Item	Part No.	Description	Qty.
1	27942GT	RADIATOR,FORD (LSG)	1
1	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
2	27943GT	CAP,RADIATOR,FORD***	1
3	45171GT	CLAMP,HOSE,1.75,LINED	1
4	28770GT	HOSE, TOP RADIATOR,FORD	1
5	27022PGT	MOUNT,RAD.SUPPT.,RH,PAINTED	1
6	27639PGT	RADIATOR SHROUD,PAINTED	1
7	27023PGT	STRUT,LH,FORD RAIATOR,PAINTED	1
8	6175GT	SCREW,HHC,3/8-16 X 1	2
9	6021GT	WASHER,LOCK,375	2
10	27210GT	ELBOW,90DEG.6 X 14	1
10	28020GT	HOSE ASSY,MOTOR OIL DRAIN	1
10	19141GT	PLUG,MALE,070109-6	1
11	25569PGT	BRKT,ENG.MNT.,FORD INBOARD	1
12	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	4
13	22700GT	WASHER,LOCK,M10	4
14	25637GT	ENGINE PIVOT MOUNT WELDMENT	1
15	8357GT	SCREW,HHC,1/2-13 X 3.5	4
16	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	8
17	6095GT	WASHER,FLAT,USS,1/2",Y	4
18	6198GT	NUT, NYLOCK, 1/2-13	4
19	24037GT	SHOCK MOUNT,LARGE**	4
20	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
21	6097GT	WASHER,FLAT,USS,3/8",Y	4
22	4828GT	NUT,NYLOCK,3/8-16	4
23	27640GT	WELDMENT,RADIATOR MOUNT	1
24	24038GT	SHOCK MOUNT,SMALL	2
25	25568PGT	BRKT.,ENG.MNT.,FORD OUTBOARD	1

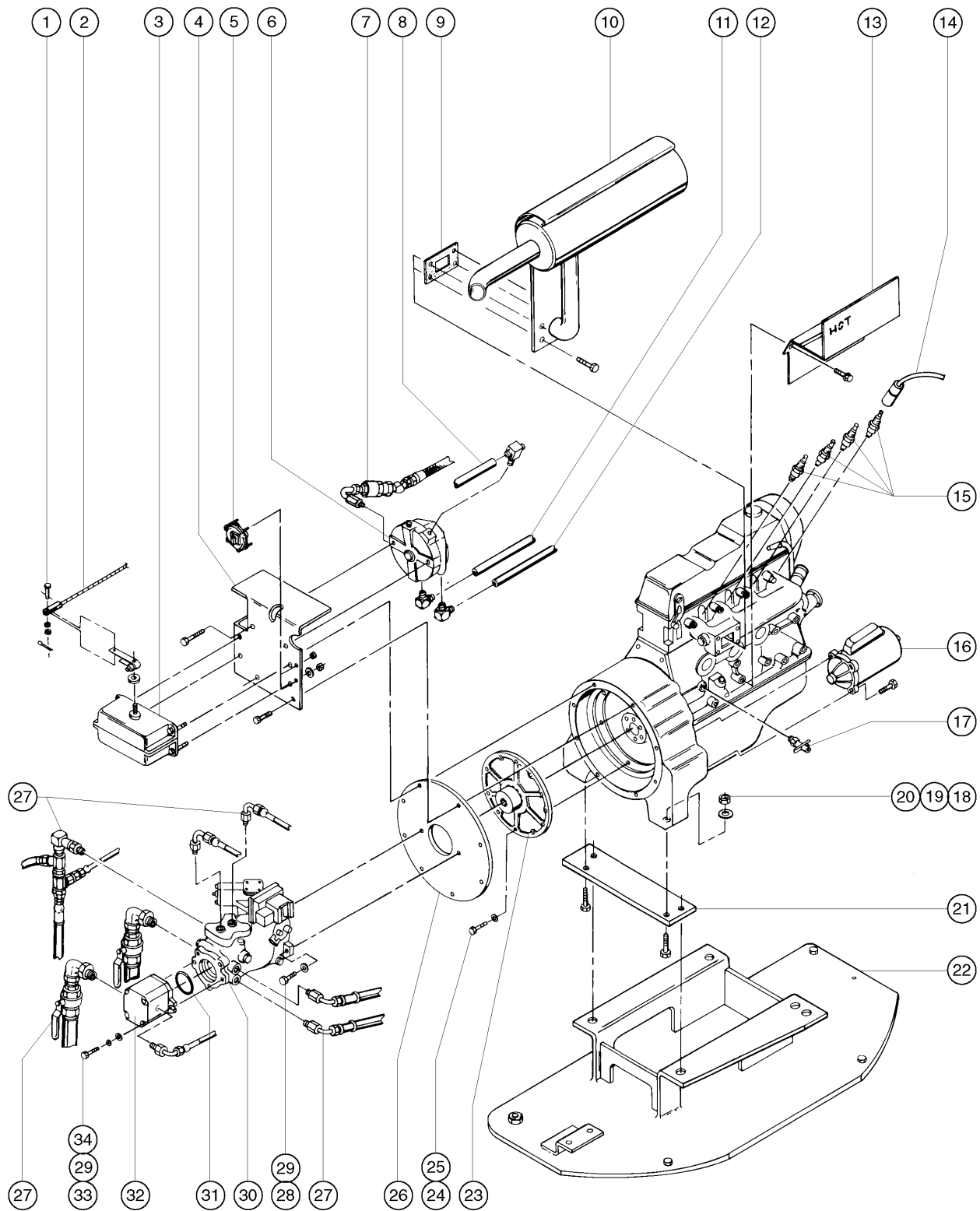
404.1 Ford LSG-423 Engine - View 3 (to SN 2538)



404.1 Ford LSG-423 Engine - View 3 (to SN 2538)

Item	Part No.	Description	Qty.
	28718GT	BELT,TIMING,FORD LSG-423**	
1	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
		includes clevis pin	
2	30785-1500GT	THREADED ROD,1/4-28 X 15 IN***	1
3	27917GT	GOVERNOR,MECHNCL,FORD LSG423	1
4	25854PGT	BRACKET,AIR FILTER,FORD,PT'D	1
5	22278GT	SWITCH,VACUUM	1
6		REGULATOR,LPG,BEAM #120A	1
		no longer available	
6	32768GT	REGULATOR DIAPH.KIT BEAM 120A	1
7	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
8		Ref. Hose -5/8 x 9.5 inches (24 cm), Regulator to Carburetor Venturi	1
9	27142GT	GASKET,EXHAUST***	1
10	48440GT	MUFFLER,EXH,FORD,Z-45 ONLY **	1
11		Ref. Hose -3/8 x 25 inches (63.5 cm), Regulator to Intake Manifold	1
12		Ref. Hose -3 8 x 19.5 inches (50 cm), Regulator to Water Pump	1
13	27342PGT	BRACKET,EXHAUST GUARD,PAINTED	1
14	28648GT	SPARK PLUG WIRE SET, LSG 423	1
		Genie genuine part	
14-	1259056GT	SPARK PLUG WIRE SET, LSG 423	
		Genie aftermarket	
15	28647GT	SPARK PLUG,FORD	4
16	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
16	29606GT	RING GEAR,FORD***	1
17	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
18	6096GT	SCREW,HHC,1/2-13 X 2 GR5	4
19	6095GT	WASHER,FLAT,USS,1/2",Y	7
20	6198GT	NUT, NYLOCK, 1/2-13	2
21	25572PGT	PLATE,ENG.MNT.,FORD	1
22	25637GT	ENGINE PIVOT MOUNT WELDMENT	1
23	28836GT	COUPLING KIT,FLYWHEEL,FL 15T	1
		(includes flexplate and coupler)	
23	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1

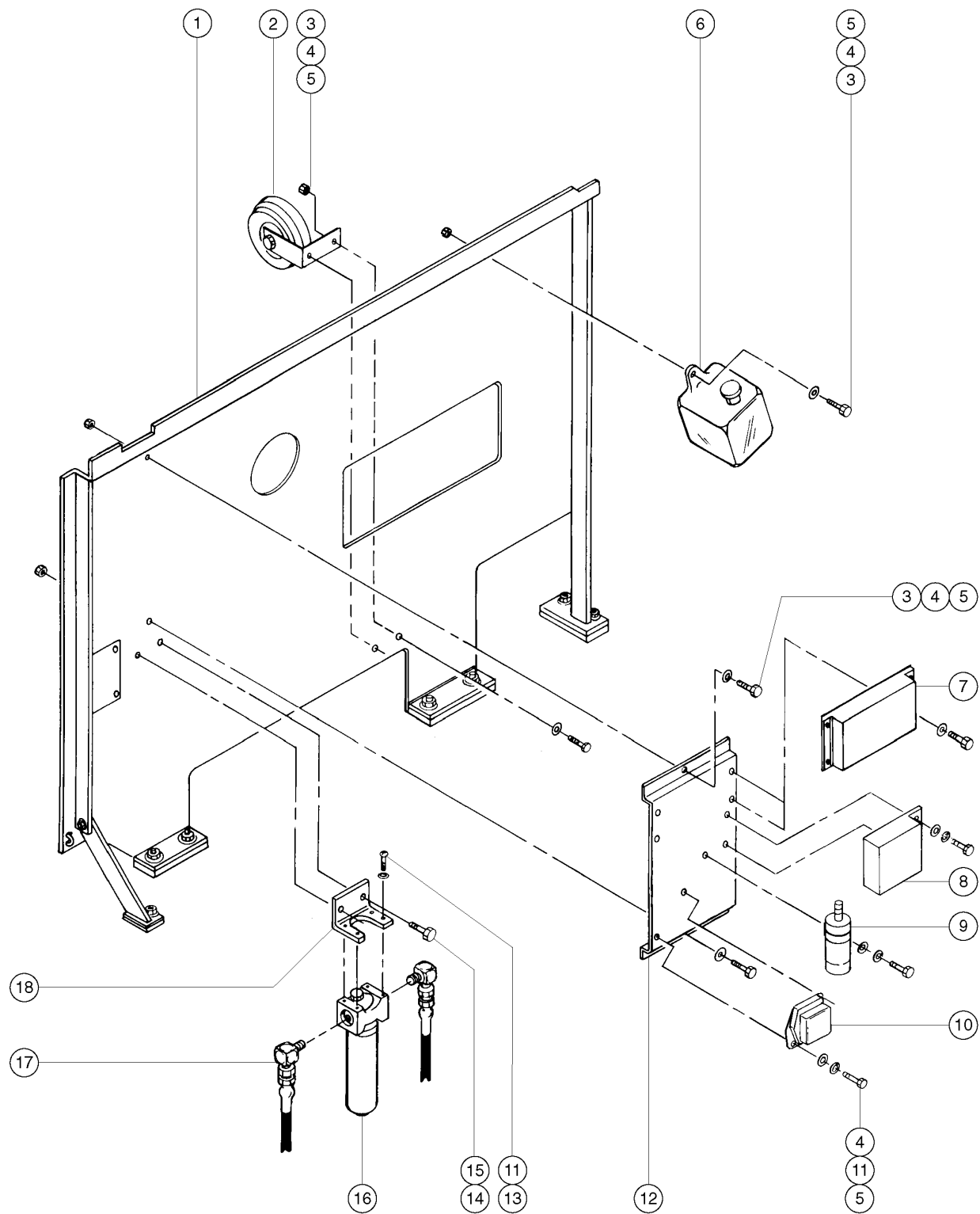
404.1 Ford LSG-423 Engine - View 3 (to SN 2538)



404.1 Ford LSG-423 Engine - View 3 (to SN 2538)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
25	6021GT	WASHER,LOCK,.375	8
26	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED	1
27		Ref. Hydraulic Hoses & Fittings	1
		refer to section 508.1	
28	8177GT	SCREW,HHC,1/2-13 X 1.5	2
29	6033GT	WASHER,LOCK,0.5"	4
30	49770GT	PUMP,M46/GEAR,2.8/.67***	1
30	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
30	32611GT	SHAFT,M46 15 TOOTH	1
31	29436GT	O-RING***	1
32	54222GT	PUMP,PIGGY BACK,.67 C.I.,Z45IC	1
32	31249GT	SEAL KIT,LIFT PUMP**	1
33	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	2
34	13066GT	WASHER,FLAT,.5 HARDENED	2

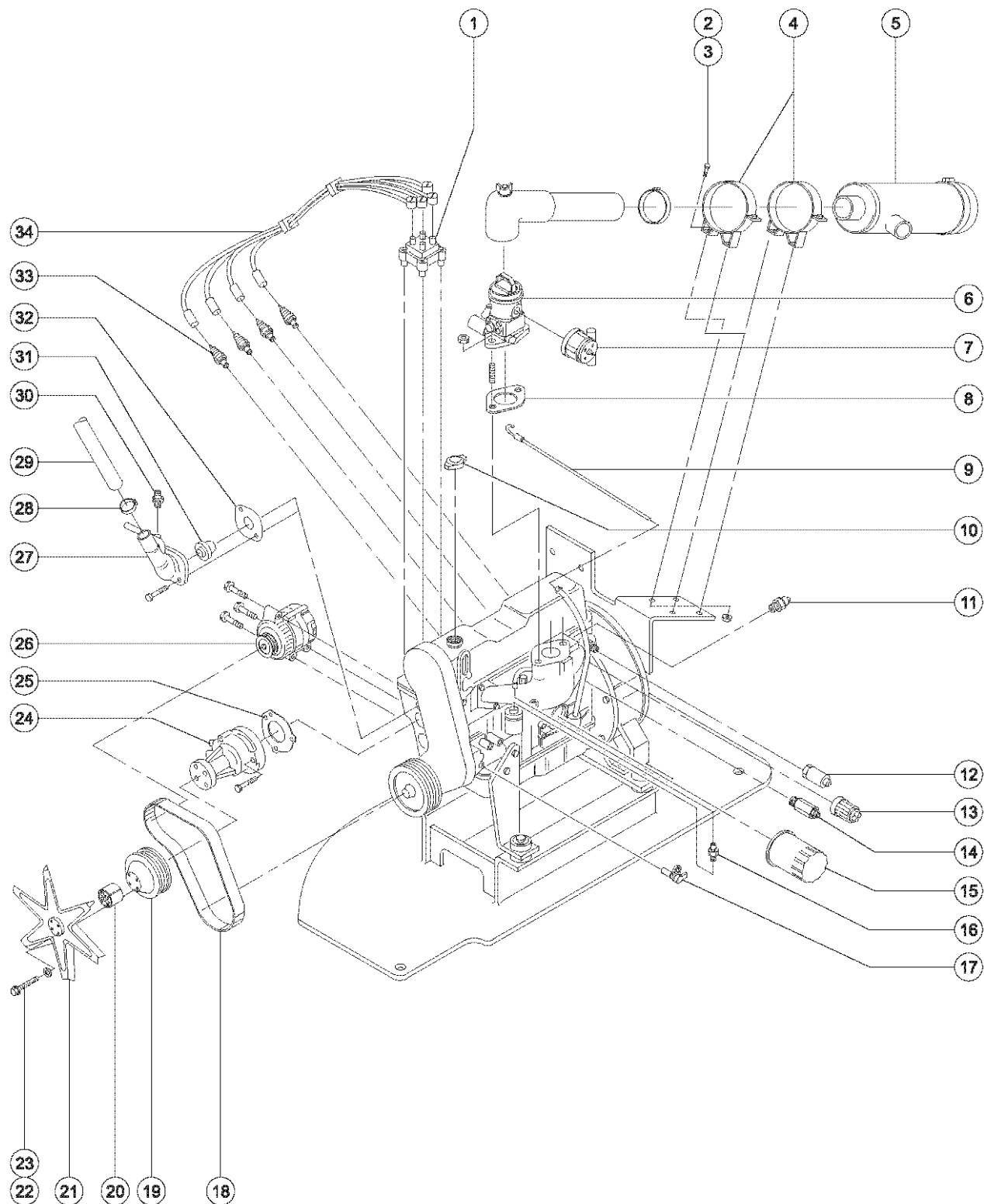
405.1 Ford LSG-423 Engine - View 4 (to SN 2538)



405.1 Ford LSG-423 Engine - View 4 (to SN 2538)

Item	Part No.	Description	Qty.
1		Ref. Weldment - Bulkhead, Engine Side refer to section 507.1	
2	56264GT	HORN,12V SCREW TERMINAL ***	1
3	6091GT	NUT, NYLOCK, 1/4-20	5
4	6638GT	WASHER, FLAT, USS, 1/4"Y	9
5	6090GT	SCREW, HHC, 1/4-20 X .75	14
6	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
7A	27908GT	GOVERNOR,CNTRLR,FORD,LSG 423 used to 2314	1
7B	34935GT	GOVERNOR,CNTRLR,FORD,LRG 423** used from 2315	1
8	27922GT	IGNITION, ELECTRONIC, FORD	1
9	28664GT	COIL, IGNITION,FORD	1
10	27919GT	REGULATOR, VOLTAGE, Z45GP91	1
11	6356GT	WASHER,LOCK,.25	11
12	31250GT	IGNITION MODULE MTG.PLATE ASSY	1
13	7339GT	SCREW,HHC,1/4-20 X .5	2
14	6175GT	SCREW,HHC,3/8-16 X 1	2
15	4828GT	NUT,NYLOCK,3/8-16	2
16		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
16-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	1
16-	20880GT	FILTER ELEMENT-10 MIC.*** for 20879 (no longer available)	1
16A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
16A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
17		Ref. Hydraulic Hoses & Fittings refer to section 508.1	1
18	20517PGT	BRACKET-FILTER MNT.-PAINTED	1

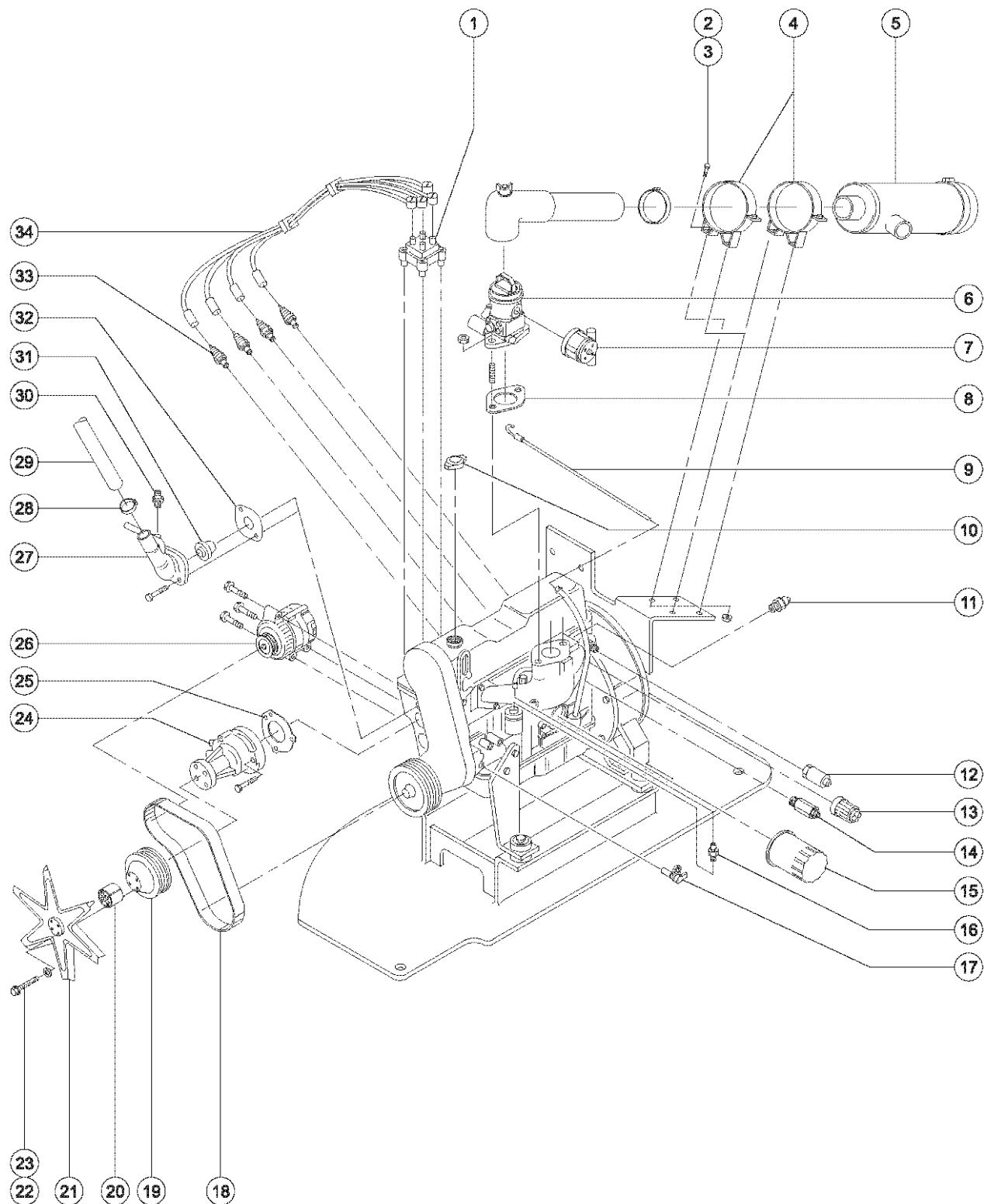
406.1 Ford LRG-423 Engine - View 1 (to SN 7600)



406.1 Ford LRG-423 Engine - View 1 (to SN 7600)

Item	Part No.	Description	Qty.
	58480GT	ENGINE BLOCK,FORD,GAS,LRG 423*	
1	33970GT	COIL, ELECTRONIC IGN., FORD	1
2	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	4
3	6002GT	NUT, LP NYLOCK, 5/16-18	4
4	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
5	27915GT	AIR CLEANER	1
5-	27916GT	FILTER,AIR,ELEMENT***	1
5-	65815GT	CLAMP, AIR CLEANER (27915)**	1
		clamp that holds the end cap on	
6	33958GT	CARBURETOR,FORD-LRG 423,AUTO**	1
6-	28714GT	CARB REPAIR KIT, LSG/LRG-423	1
7	29439GT	COIL, AUTOMATIC CHOKE,	1
8		GASKET,CARBURETOR, LRG-423	1
		no longer available	
9		DIPSTICK, FORD LRG 423 (33955)	1
		(component no longer available)	
10	49881GT	OIL FILLER CAP FOR LRG ENGINE	1
11	28651GT	SOLENOID, ANTI-DIESELING	1
12	30810GT	SENDING UNIT,OIL PRESSURE***	1
		dual-terminal sender	
13	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1
14	28662GT	FILTER,FUEL,LRG-423,SCREW-IN	1
15	28656GT	FILTER,OIL,FORD	1
		Genie genuine part	
15-	1259054GT	FILTER, OIL, FORD	
		Genie aftermarket part	
16	33957GT	VALVE,PCV-FORD LRG***	1
17	33968GT	SENSOR, CRANK POSITION	1
18	33961GT	SERPENTINE BELT	1
19	52078GT	PULLEY,FORD ENGINE,LRG-423***	1
20	52077GT	SPACER,FAN TO WATERPUMP LRG423	1
21		FAN, LSG423/LRG425 (52076)	4
		component no longer available	
22		Ref. Screw - M8 x 70 mm	4
23	6886GT	WASHER,LOCK,313	4

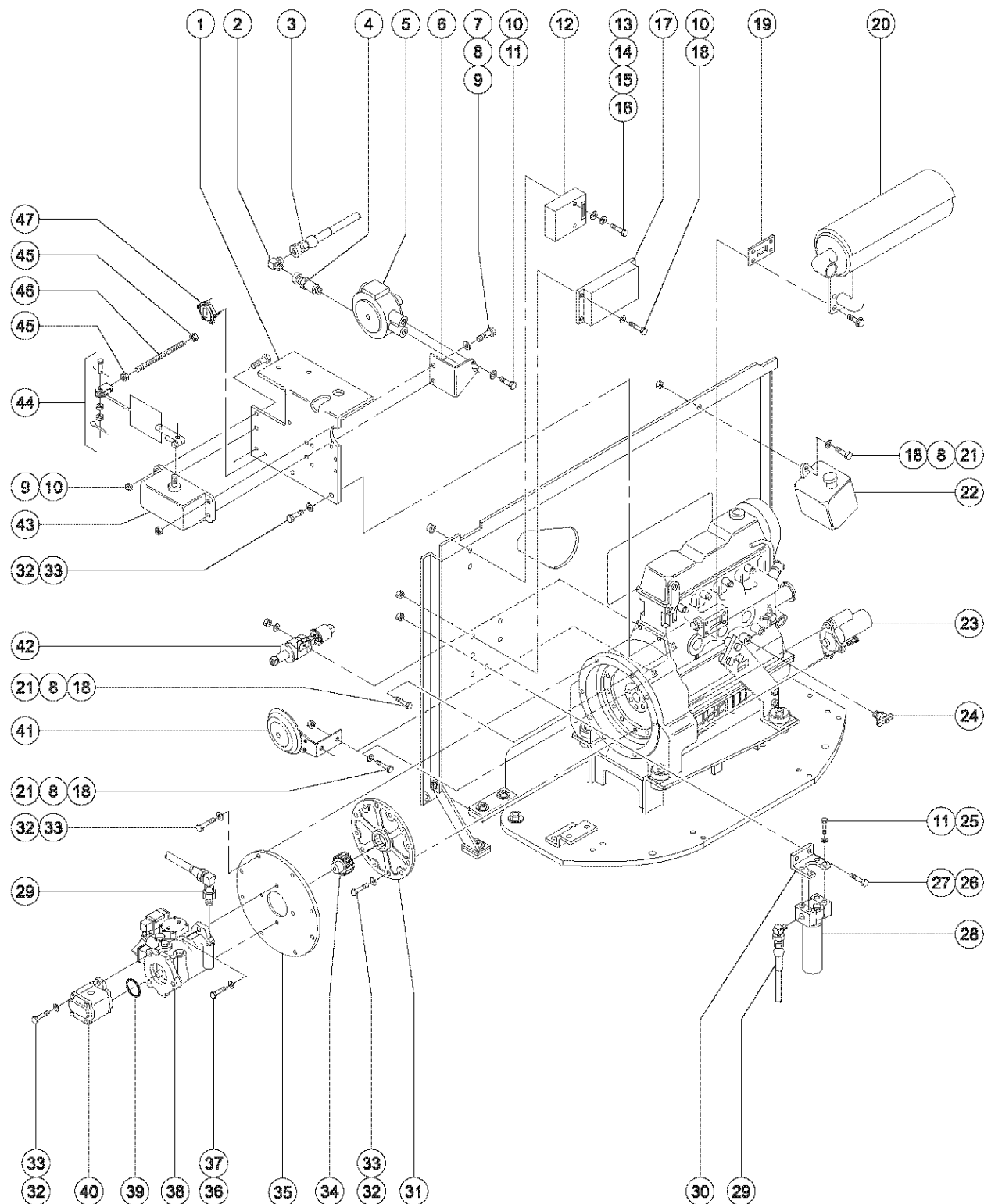
406.1 Ford LRG-423 Engine - View 1 (to SN 7600)



406.1 Ford LRG-423 Engine - View 1 (to SN 7600)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24	33963GT	PUMP, WATER, WITH GASKET includes index number 25	1
25	33964GT	GASKET, WATER PUMP	1
26	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
26-	52079GT	REGULATOR - VOLTAGE, LRG-423	1
26-		BRUSH HOLDER ASSY, ALT,LRG423 (component no longer available)	1
27	52007GT	THERMOSTAT HOUSING - LRG-423	1
28	35434GT	CLAMP, HOSE, 1.56-2.5"	2
29	33965GT	HOSE, UPPER RADIATOR	1
30	33972GT	SENSOR,COOLANT TEMP*	1
31	33966GT	THERMOSTAT, FORD LRG	1
32	28653GT	GASKET,WATER OUTLET,FORD	1
33	28647GT	SPARK PLUG,FORD	4
34	58928GT	WIRE SET (LRG 423) LG SET** (wire lengths 12 to 23 inches)	1
34A	52570GT	SPARK PLUG WIRE SET, LRG425EFI (wire length 23 to 31 inches)	

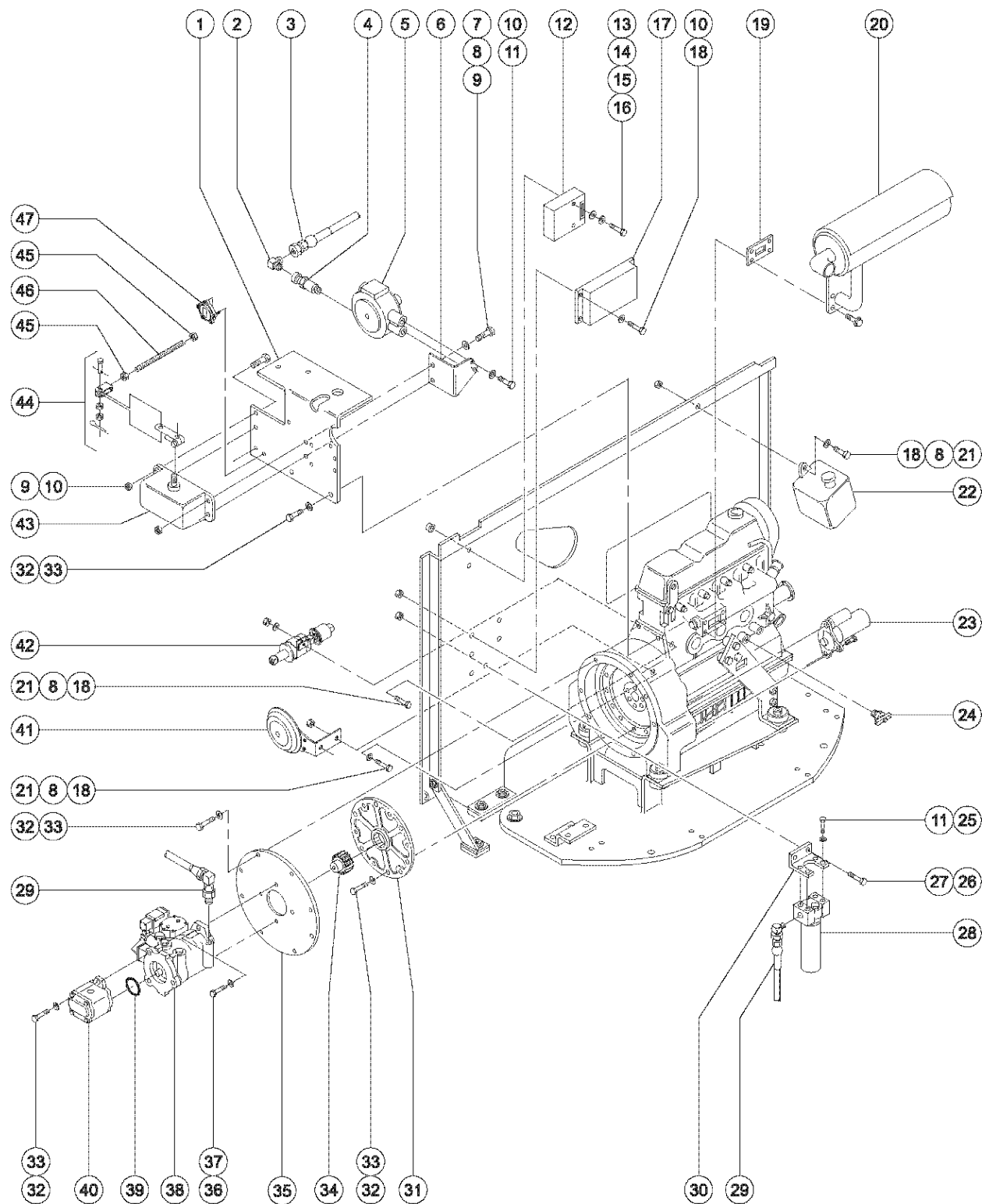
407.1 Ford LRG-423 Engine - View 2 (to SN 7600)



407.1 Ford LRG-423 Engine - View 2 (to SN 7600)

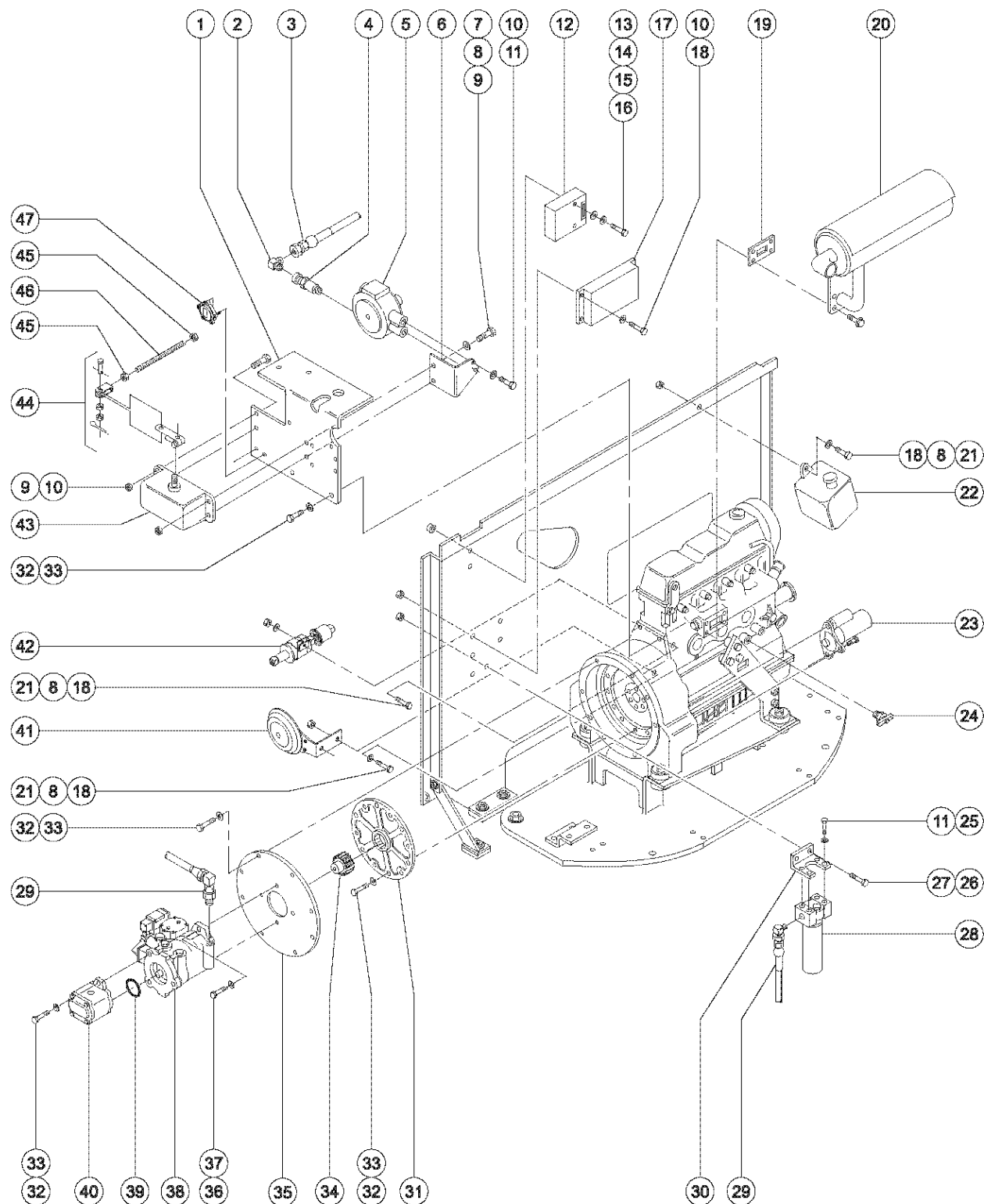
Item	Part No.	Description	Qty.
	65770GT	BELT,TIMING,FORD LRG423/425EFI	
1	33715PGT	BRACKET,AIR FLTR/GOV.MT,PAINTD	1
2	36203GT	ELBOW,90DEG.3/8MPT-5/8 BARB	1
3	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**	1
4	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
5	22279GT	REGULATOR,LPG BEAM 60***	1
5	32768GT	REGULATOR DIAPH.KIT BEAM 120A	1
6	31351PGT	BRACKET,LP REG.MOUNT,PAINTED	1
7	8915GT	SCREW,HHC,1/4-20 X 1.25	2
8	6638GT	WASHER, FLAT, USS, 1/4"Y	6
9	6889GT	NUT,LP NYLOCK,1/4-20	4
10	6888GT	SCREW,HHC,1/4-20 X 1	8
11	6356GT	WASHER,LOCK,.25	6
12		KIT,LRG423 IGNITION MODULE (128658)	1
		component no longer available	
13	18543GT	SCREW,FILLISTER HM,8-32 X 1.5	2
14	6607GT	WASHER,LOCK,#10 PLTD	2
15	6146GT	WASHER,FLAT,MS,#10,Y	2
16	35444GT	GROMMET NUT,PLASTIC	2
17	34935GT	GOVERNOR,CNTRLR,FORD,LRG 423**	1
18	6091GT	NUT, NYLOCK, 1/4-20	9
19	27142GT	GASKET,EXHAUST***	1
20	48440GT	MUFFLER,EXH,FORD,Z-45 ONLY **	1
21	6090GT	SCREW, HHC, 1/4-20 X .75	4
22	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
23	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
23	29606GT	RING GEAR,FORD***	1
24	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
25	8914GT	SCREW,HHC,1/4-20 X .625	4

407.1 Ford LRG-423 Engine - View 2 (to SN 7600)



Item	Part No.	Description	Qty.
26	8255GT	SCREW,HHC,3/8-16 X .75	2
27	7713GT	NUT, LP NYLOCK, 3/8-16	2
28		FILTER ASY,M PRESS,SAE8,WOIND* (77139)	1
		component no longer available	
28-	60857GT	FILTER,ELEMENT,BETA(5)=1000	1
		for 77139	
28-	20880GT	FILTER ELEMENT-10 MIC ***	1
		for 20879 (no longer available)	
28A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
28A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS	
		for 1267807	
29		Ref. Hydraulic Hoses and Fittings	1
		refer to section 510.1	
30	20517PGT	BRACKET-FILTER MNT.-PAINTED	1
31	33024GT	FLYWHEEL FLANGE, GREEN PLASTIC	1
32	6175GT	SCREW,HHC,3/8-16 X 1	18
33	6021GT	WASHER, LOCK, .375	18
34	37002GT	COUPLER,HUB, 15 TOOTH 7/16BOLT*	1
35	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED	1
36	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
37	6033GT	WASHER, LOCK, 0.5"	2
38	49770GT	PUMP,M46/GEAR,2.8/.67***	1
38	22965GT	EDC ASSY,SAUER,M46***	1
38	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
38	32611GT	SHAFT,M46 15 TOOTH	1
39	29436GT	O-RING***	1
40	54222GT	PUMP,PIGGY BACK,.67 C.I.,Z45IC	1
40-	77990GT	KIT,SEAL,3CC PUMP***	1
41	56264GT	HORN,12V SCREW TERMINAL ***	1
42	46164GT	FUEL PUMP KIT,FORD LRG 423***	1
42	46164GT	FUEL PUMP KIT,FORD LRG 423***	1
43	34936GT	GOVERNOR,ACTUATOR,FORD LRG423	1
44	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
		includes clevis pin and cotter pin	

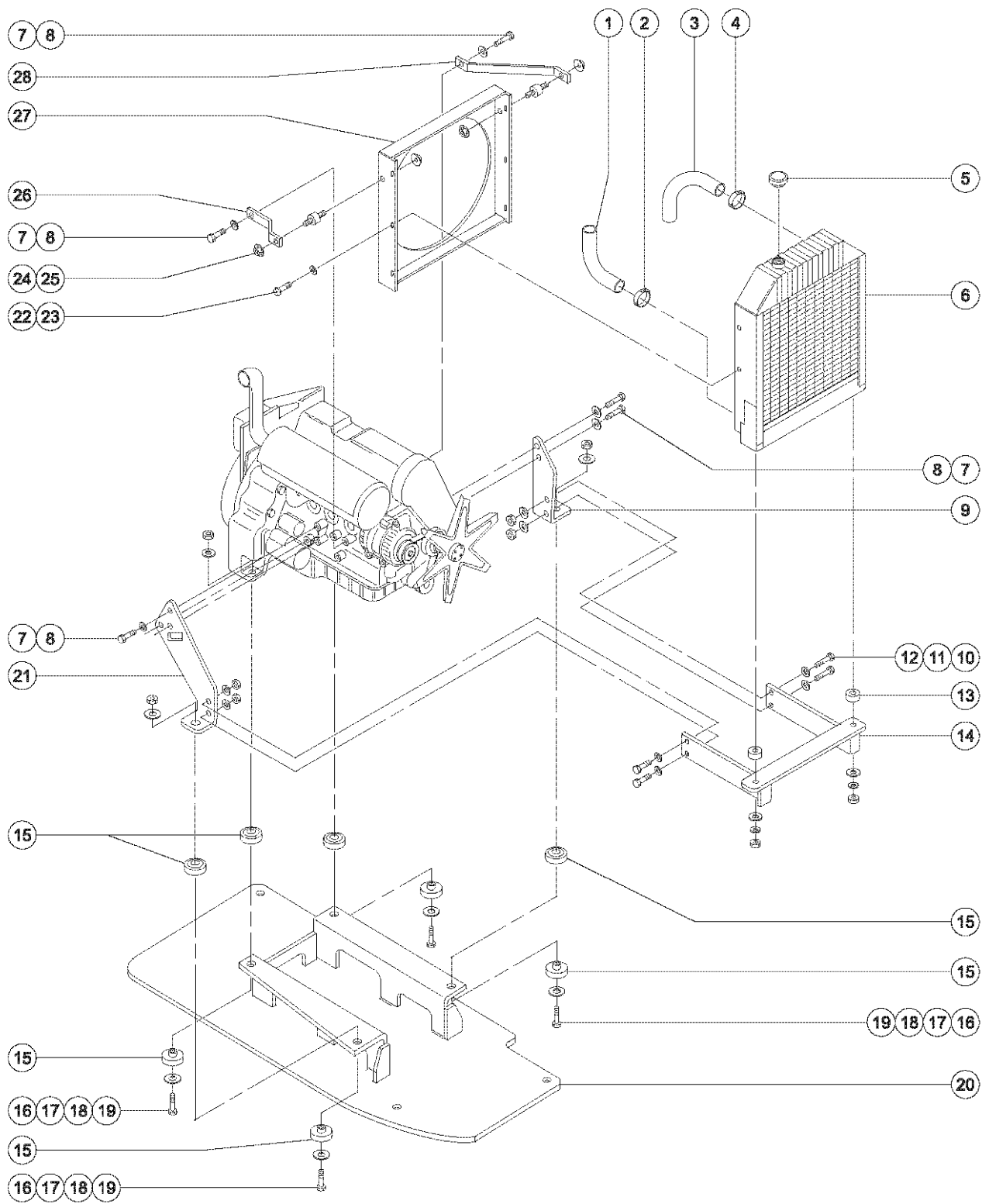
407.1 Ford LRG-423 Engine - View 2 (to SN 7600)



407.1 Ford LRG-423 Engine - View 2 (to SN 7600)

Item	Part No.	Description	Qty.
45	21496GT	NUT,HEX,1/4-28	2
46	30785-1500GT	THREADED ROD,1/4-28 X 15 IN***	1
47	22278GT	SWITCH,VACUUM	1
	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	

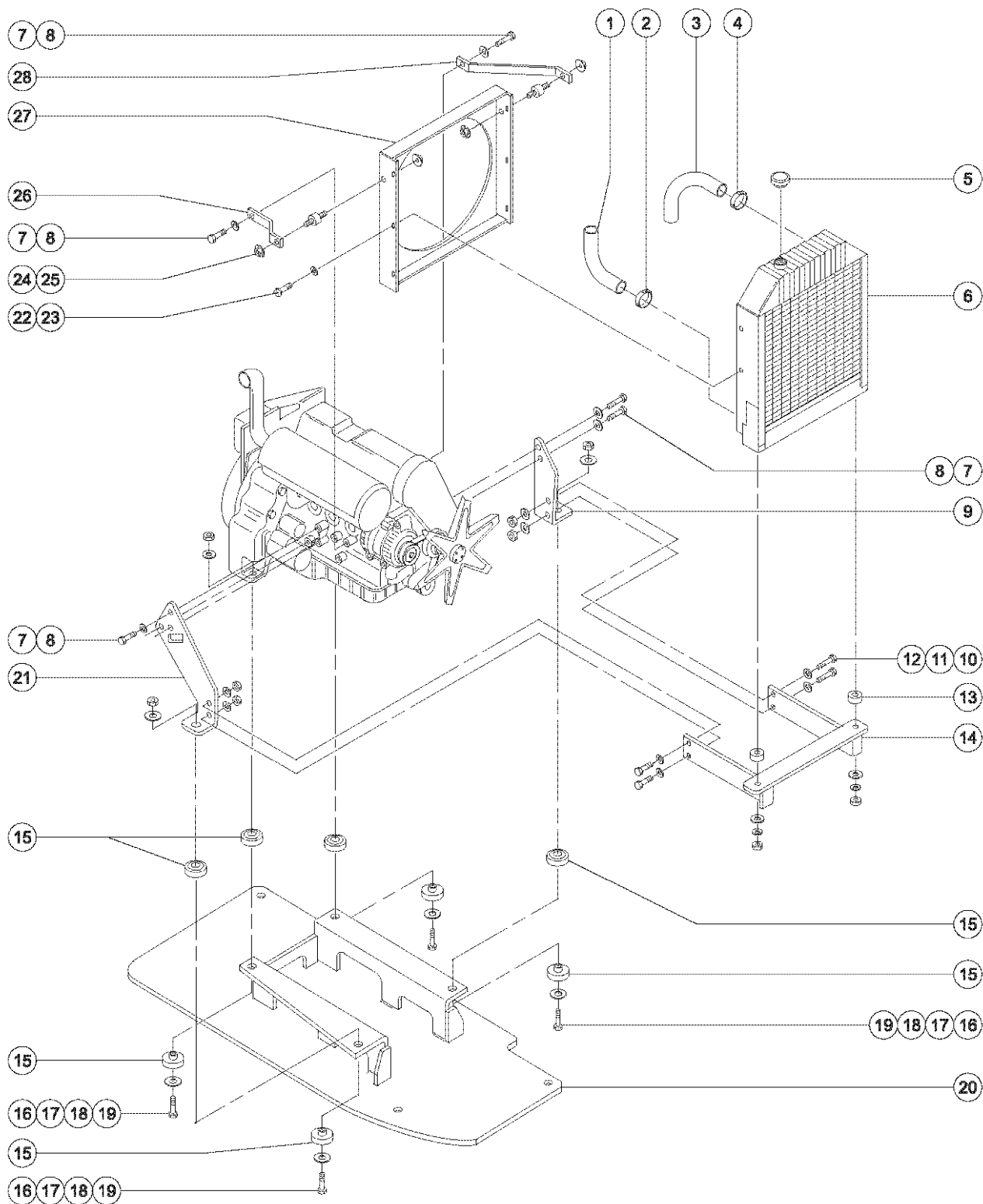
408.1 Ford LRG-423 Engine - View 3 (to SN 7600)



408.1 Ford LRG-423 Engine - View 3 (to SN 7600)

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	27034GT	SCREW, HHC, M10 X 25MM, GR 8.8	7
8	22700GT	WASHER, LOCK, M10	7
9	25569PGT	BRKT, ENG. MNT., FORD INBOARD	1
10	8516GT	SCREW, HCC, 3/8-16 X 1.50	4
11	6097GT	WASHER, FLAT, USS, 3/8", Y	8
12	4828GT	NUT, NYLOCK, 3/8-16	4
13	24038GT	SHOCK MOUNT, SMALL	2
14	34929GT	WELDMENT, RAD MNT LRG423	1
15	24037GT	SHOCK MOUNT, LARGE**	4
16	8357GT	SCREW, HHC, 1/2-13 X 3.5	4
17	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	4
18	6095GT	WASHER, FLAT, USS, 1/2", Y	4
19	6198GT	NUT, NYLOCK, 1/2-13	4
20	25637GT	ENGINE PIVOT MOUNT WELDMENT	1
21	33995GT	WELDMENT, FORD ENG MT, OUTBOARD	1
22	35460GT	SCREW, PHM, 8-32X.38, SELF TAP.	6
23	35461GT	WASHER, FLAT, MS, #8, Y	6
24	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	4
25	219437GT	ISOLATOR, VIBRATION	2
26	34942P-SGT	STRUT, RH, FORD RADIATOR, PAINT	1
27	34927P-SGT	SHROUD, RADIATOR LRG 423 BLUE**	1

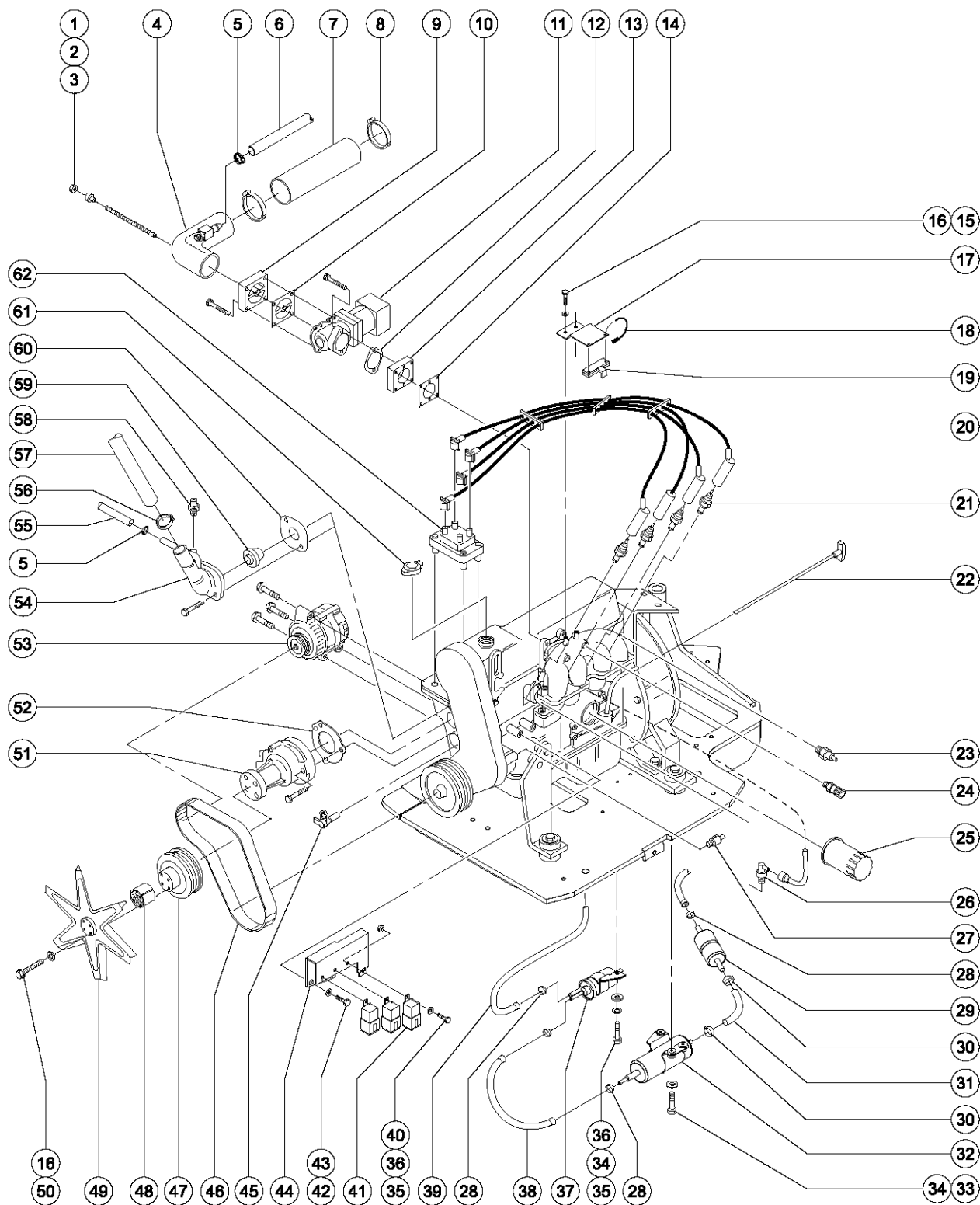
408.1 Ford LRG-423 Engine - View 3 (to SN 7600)



408.1 Ford LRG-423 Engine - View 3 (to SN 7600)

Item	Part No.	Description	Qty.
28	34943P-SGT	MOUNT,RAD.SUPPT,LH,BLUE	1

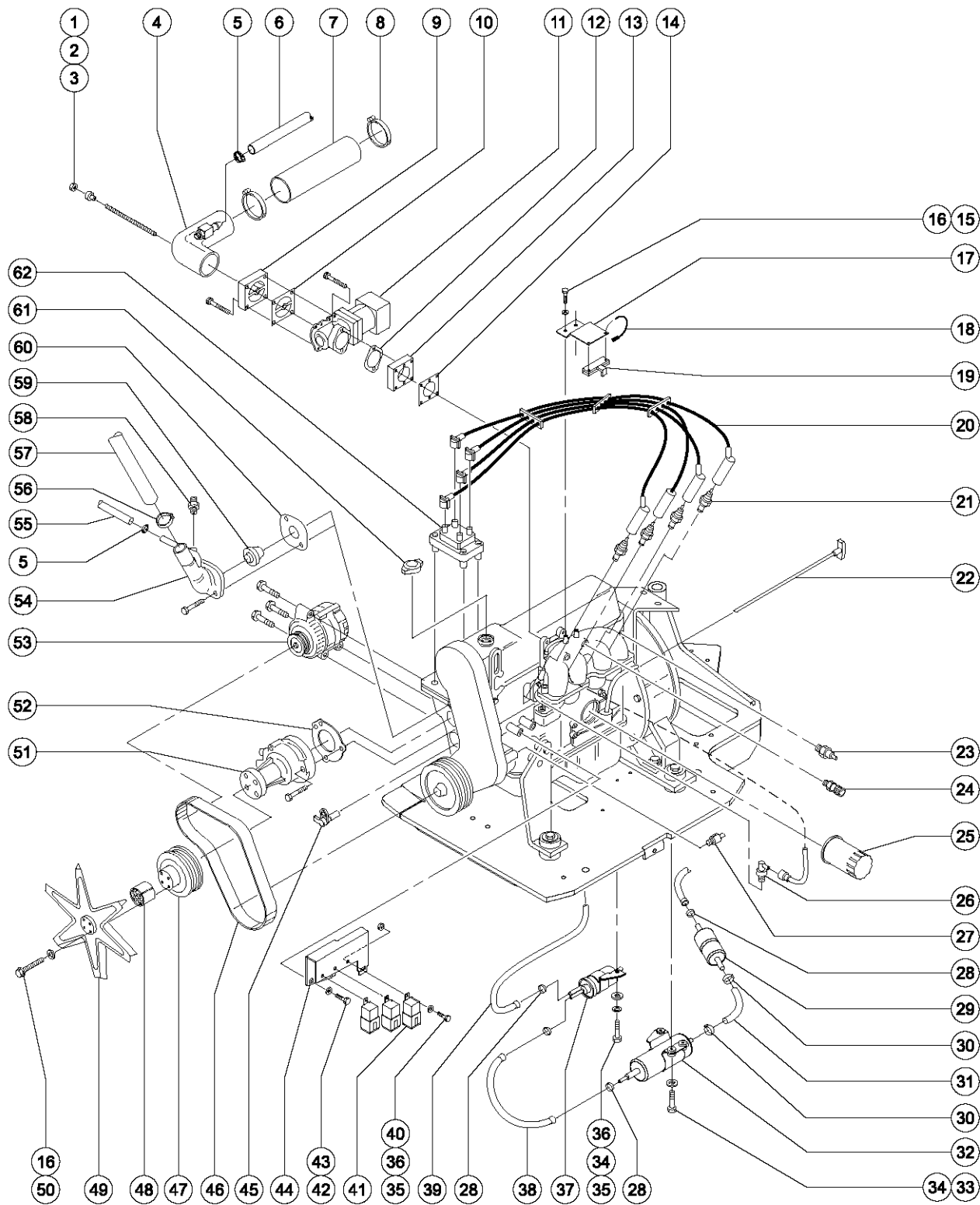
409.1 Ford LRG-425 EFI Engine - View 1 (from SN 7601)



409.1 Ford LRG-425 EFI Engine - View 1 (from SN 7601)

Item	Part No.	Description	Qty.
-	49735GT	ENGINE,FORD LRG 425,EFIZ45 (remanned long block only, does not include starter, alternator, radiator or fuel system)	
1	6091GT	NUT, NYLOCK, 1/4-20	4
2	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
3	49736GT	POST, ALL THREAD, 1/2-13X 9.00	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	17
7	50799GT	HOSE,AIR CLEANER,FORD EFI	1
8	30971GT	CLAMP,HOSE,3.00"	2
9	48471GT	ADAPTER,LP VENTURI	1
10		GASKET,LP ADAPTER	1
		(no longer available)	
11		KIT,FORD EFI UPDATE,BASE***	1
		no longer available	
12	52577GT	GASKET - THROTTLE BODY, 425EFI	1
13	88455GT	ADAPTER,THROTTLE ACTUATOR***	1
14	52579GT	GASKET,ADAPTER PLATE,425EFI***	1
15	23057GT	SCREW,HHC,M8 X 20MM	2
16	49408GT	WASHER, LOCK, M8	6
17	48475P-SGT	BRACKET, MAP SENSOR	1
18	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	2
19	49898GT	MAP SENSOR, EFI	1
20	52570GT	SPARK PLUG WIRE SET, LRG425EFI	1
21	28647GT	SPARK PLUG,FORD	4
21	52656GT	FUEL INJECTOR, LRG-425 EFI	4
22	52566GT	DIPSTICK, OIL LEVEL,LRG425 EFI	1
23	28713GT	SWITCH,OIL PRESSURE,CLOSED***	1
24	52652GT	SENSOR,AIR TEMP,LRG-425 EFI***	1
25	28656GT	FILTER,OIL,FORD	1
		Genie genuine part	
25-	1259054GT	FILTER, OIL, FORD	
		Genie aftermarket part	

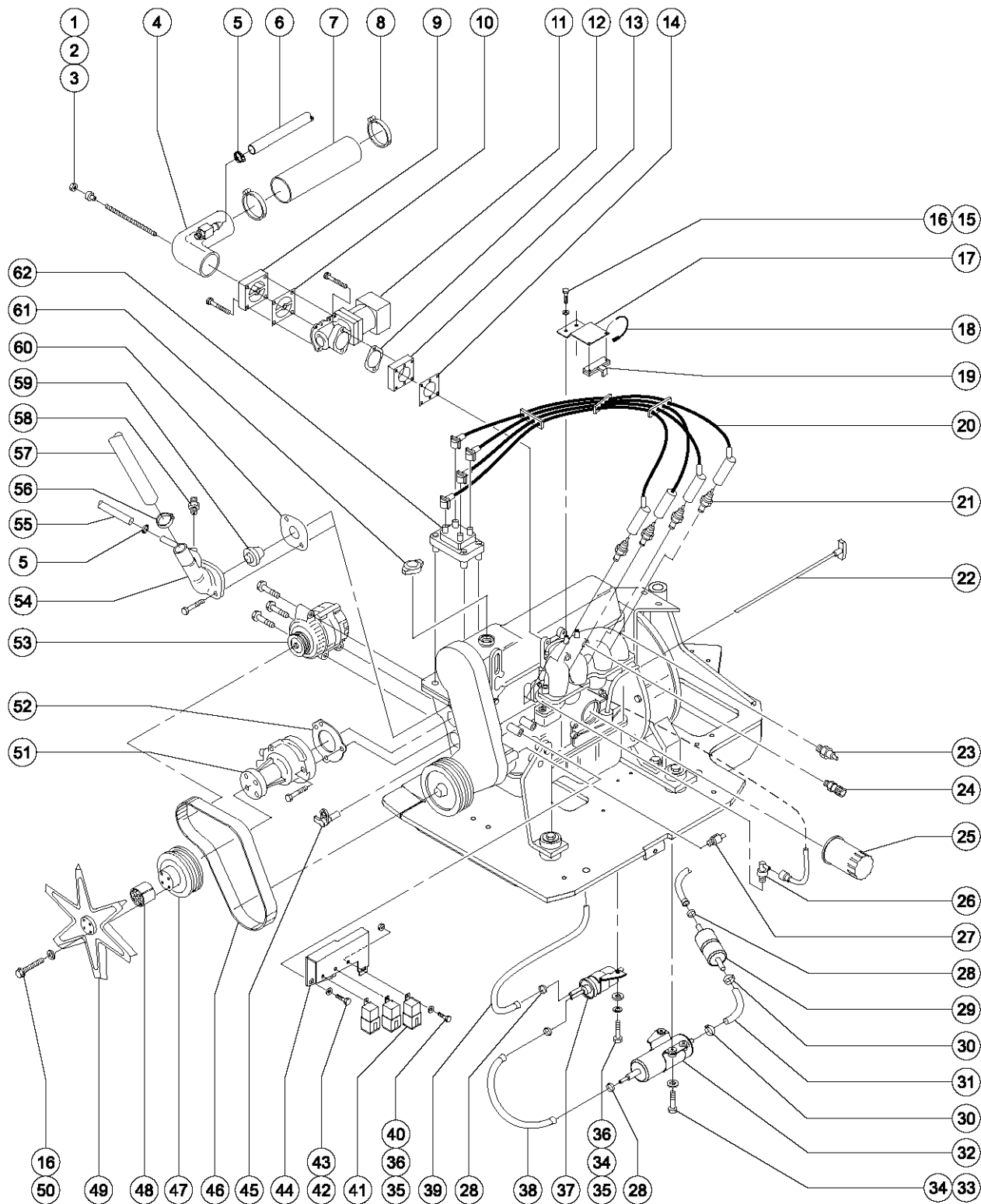
409.1 Ford LRG-425 EFI Engine - View 1 (from SN 7601)



409.1 Ford LRG-425 EFI Engine - View 1 (from SN 7601)

Item	Part No.	Description	Qty.
26	33957GT	VALVE,PCV-FORD LRG***	1
27	58900GT	SENSOR,CAM,EFI***	1
28	54123GT	CLAMP,HOSE,1 EAR, 5/8	4
29	1272019GT	FILTER, FUEL	1
30	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	2
31	27089GT	HOSE,5/16 FUEL,SAE 30R7	2
32	77219GT	PUMP, FUEL, LRG425, WALBRO	1
33	6090GT	SCREW, HHC, 1/4-20 X .75	3
34	6356GT	WASHER,LOCK,.25	4
35	8914GT	SCREW,HHC,1/4-20 X .625	1
36	6638GT	WASHER, FLAT, USS, 1/4"Y	1
37	58967GT	FUEL PRESSURE REG,425EFI***	1
38	52785-SGT	HOSE,FUEL,HIGH PRESSURE,Z45EFI	1
39	52786-SGT	HOSE,FUEL,HIGH PRESSURE,Z45EFI	1
40	6889GT	NUT,LP NYLOCK,1/4-20	3
41	52592GT	RELAY - LRG425 EFI	3
42	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	2
43	22700GT	WASHER,LOCK,M10	2
44	50574-SGT	BRACKET, RELAY PANEL FORD	1
45	33968GT	SENSOR, CRANK POSITION	1
46	52580GT	BELT,SERPENTINE,LRG425 EFI***	1
47	52078GT	PULLEY,FORD ENGINE,LRG-423***	1
48	52077GT	SPACER,FAN TO WATERPUMP LRG423	1
49		FAN, LSG423/LRG425 (52076)	1
		component no longer available	
50		Ref. Screw - M8 x 70 mm	4
51	33963GT	PUMP, WATER, WITH GASKET	1
52	33964GT	GASKET, WATER PUMP	1
53	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1

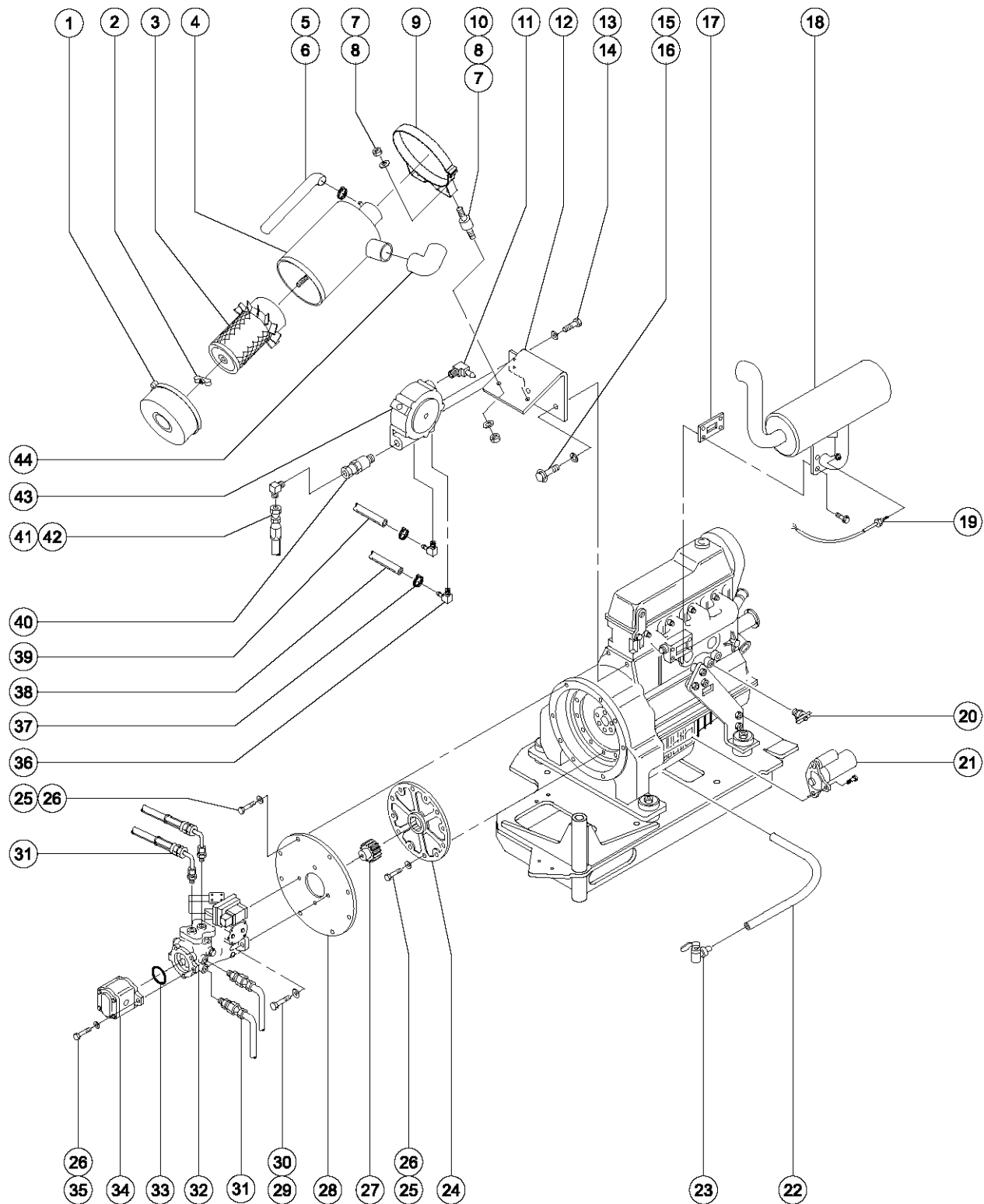
409.1 Ford LRG-425 EFI Engine - View 1 (from SN 7601)



409.1 Ford LRG-425 EFI Engine - View 1 (from SN 7601)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
54	52573GT	THERMOSTAT HOUSING, LRG425 EFI	1
55	52762GT	HOSE,WATER INLET,LRG425 EFI	1
56	35434GT	CLAMP, HOSE, 1.56-2.5"	1
57	33965GT	HOSE, UPPER RADIATOR	1
58	33972GT	SENSOR,COOLANT TEMP*	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

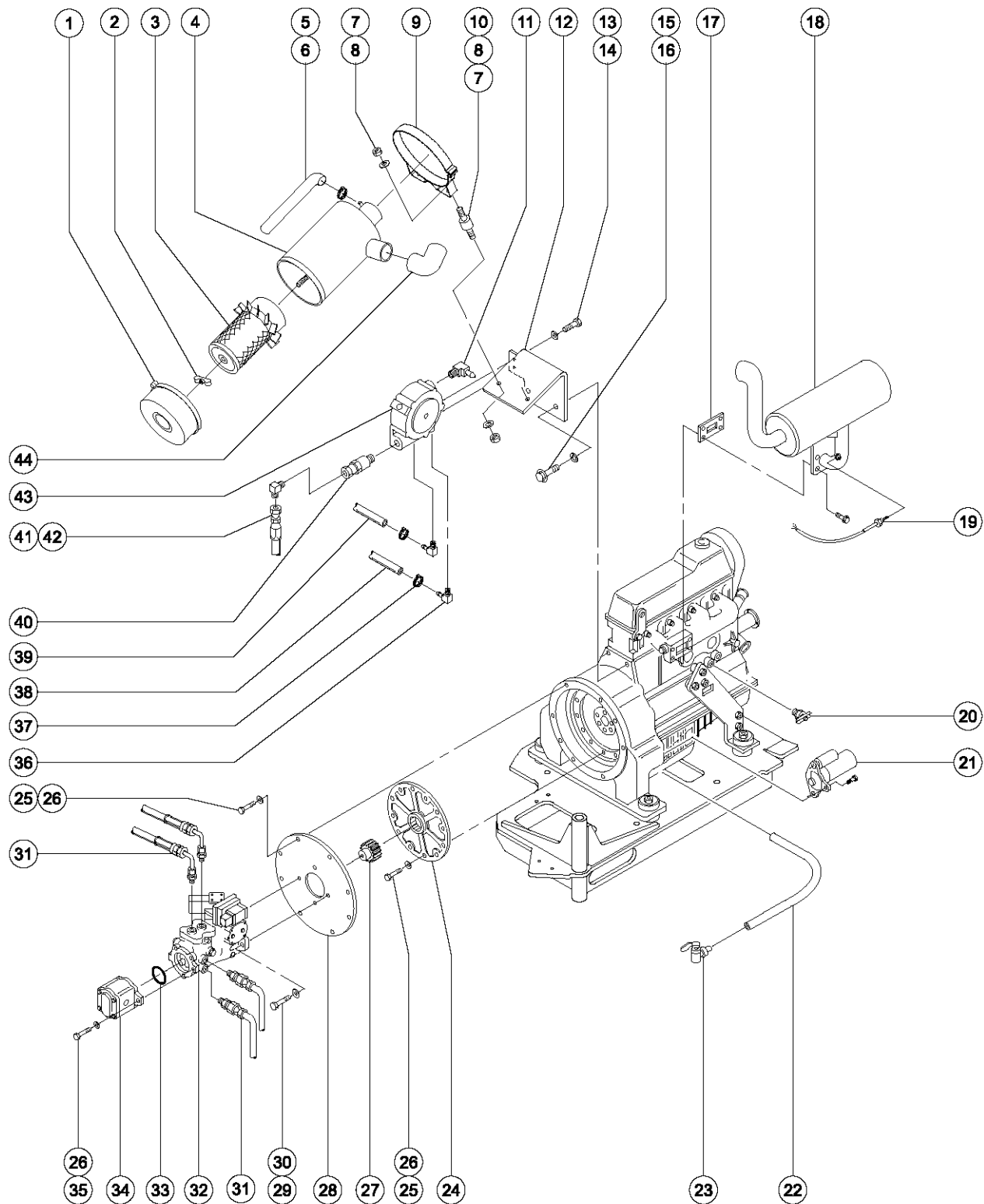
410.1 Ford LRG-425 EFI Engine - View 2 (from SN 7601)



410.1 Ford LRG-425 EFI Engine - View 2 (from SN 7601)

Item	Part No.	Description	Qty.
1	58917GT	END CAP,AIR FILTER-27915&49740	1
2	52658GT	NUT - WING, AIR FILTER, 425EFI	1
3	27916GT	FILTER,AIR,ELEMENT***	1
4	49740GT	AIR CLEANER,FORD EFI*** includes index numbers 1 through 3	1
5	20690GT	HOSE,LOW PRESSURE,1/2 IDRUBBER	23
6	46131GT	CLAMP,HOSE,.63"-1.0"X .5"	1
7	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	4
8	5397GT	WASHER,FLAT,USS,5/16",Y	4
9	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
10	219437GT	ISOLATOR,VIBRATION	2
11	36203GT	ELBOW,90DEG.3/8MPT-5/8 BARB	1
12	50717-SGT	BRACKET, AIR CLEANER ATTCHMENT	1
13	6090GT	SCREW, HHC, 1/4-20 X .75	2
14	6356GT	WASHER,LOCK,.25	2
15	25548GT	SCREW,HHC,M10 X 40MM,GRD8	2
16	22700GT	WASHER,LOCK,M10	2
17	27142GT	GASKET,EXHAUST***	1
18	50446GT	MUFFLER,FORD LRG EFI,Z45	1
19	52564GT	SENSOR,O2,LRG 425 EFI***	1
20	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
21	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
22	27903GT	HOSE, LOW PRESSURE, .375 ID	29
23	31702GT	VALVE,ENGINE OIL DRAIN	1
24	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
25	6175GT	SCREW,HHC,3/8-16 X 1	14
26	6021GT	WASHER,LOCK,.375	16
27	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
28	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED	1

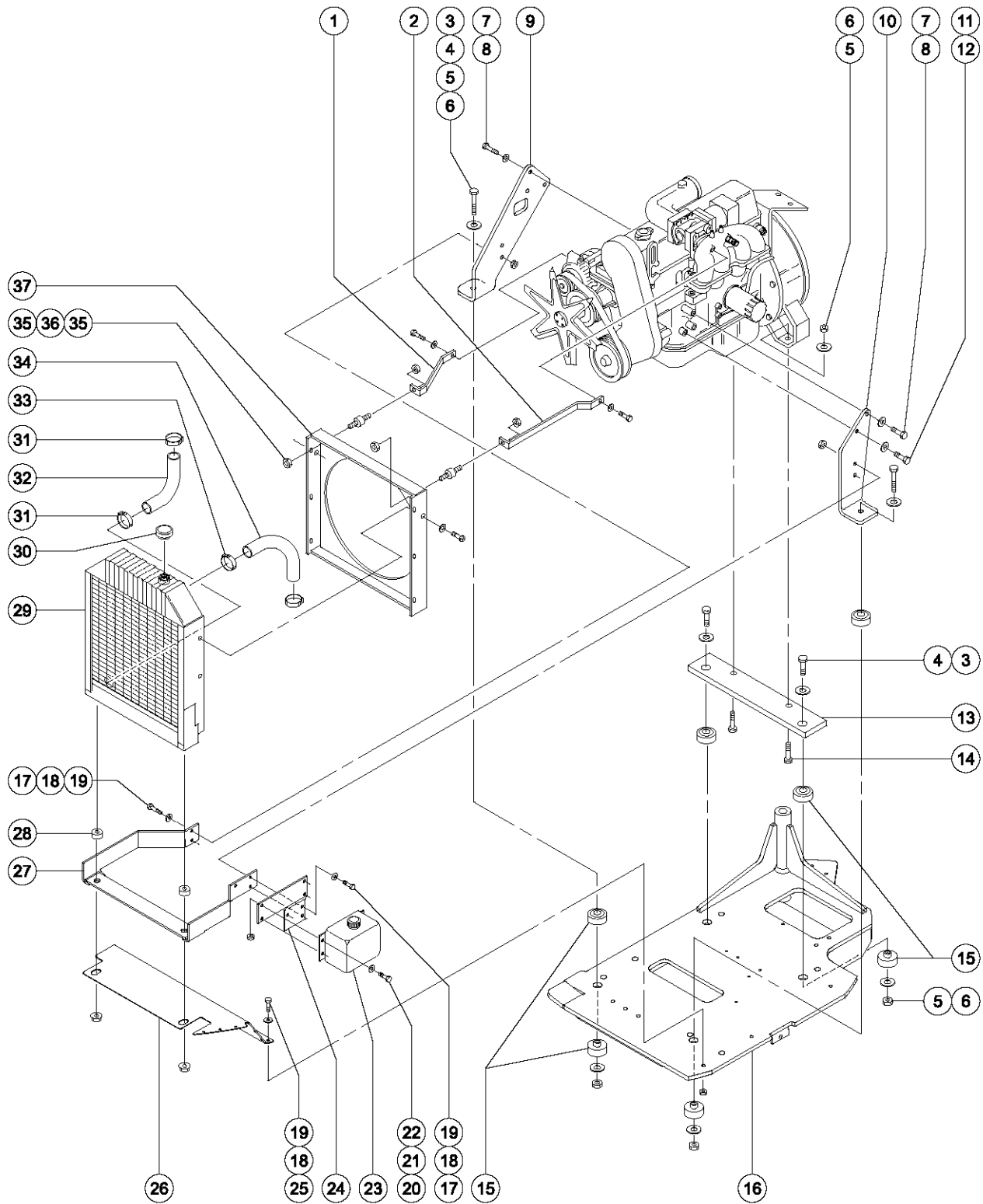
410.1 Ford LRG-425 EFI Engine - View 2 (from SN 7601)



410.1 Ford LRG-425 EFI Engine - View 2 (from SN 7601)

Item	Part No.	Description	Qty.
29	8177GT	SCREW,HHC,1/2-13 X 1.5	2
30	6033GT	WASHER,LOCK,0.5"	2
31		Ref. Hydraulic Hoses and Fittings refer to section 509.1	1
32	49770GT	PUMP,M46/GEAR,2.8/.67*** includes 2 each index number 26 and index numbers 33 through 35	1
32	46674GT	PUMP,VAR.PISTON M46 2.8 CIQVP*	1
32	22965GT	EDC ASSY,SAUER,M46*** includes mounting hardware	1
32	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
32	32611GT	SHAFT,M46 15 TOOTH	1
32	27067GT	SEAL,SHAFT-SUNDSTRAND***	1
33	29436GT	O-RING***	1
34	54222GT	PUMP,PIGGY BACK,.67 C.I.,Z45IC	1
34	31249GT	SEAL KIT,LIFT PUMP**	1
35	33988GT	SCREW,SHC,3/8-16 X 1	2
36	37017GT	HOSE END,90DEG,.63 HS X.25 MPT	2
37	24165GT	PLATE,HINGE BACK-UP	2
38	53832GT	HOSE,FIRE RES.,5/8 ID,BULK	41
39	52762GT	HOSE,WATER INLET,LRG425 EFI	1
40	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
41	50948GT	HOSE ASSEMBLY,LP GAS,106"LG	1
42	19859GT	ELBOW,010202-6-4	1
43	22279GT	REGULATOR,LPG BEAM 60***	1
43	24470GT	REGULATOR DIAPH.KIT BEAM 50/60	1
44	60036GT	HOSE,AIR INTAKE,FORD EFI***	1

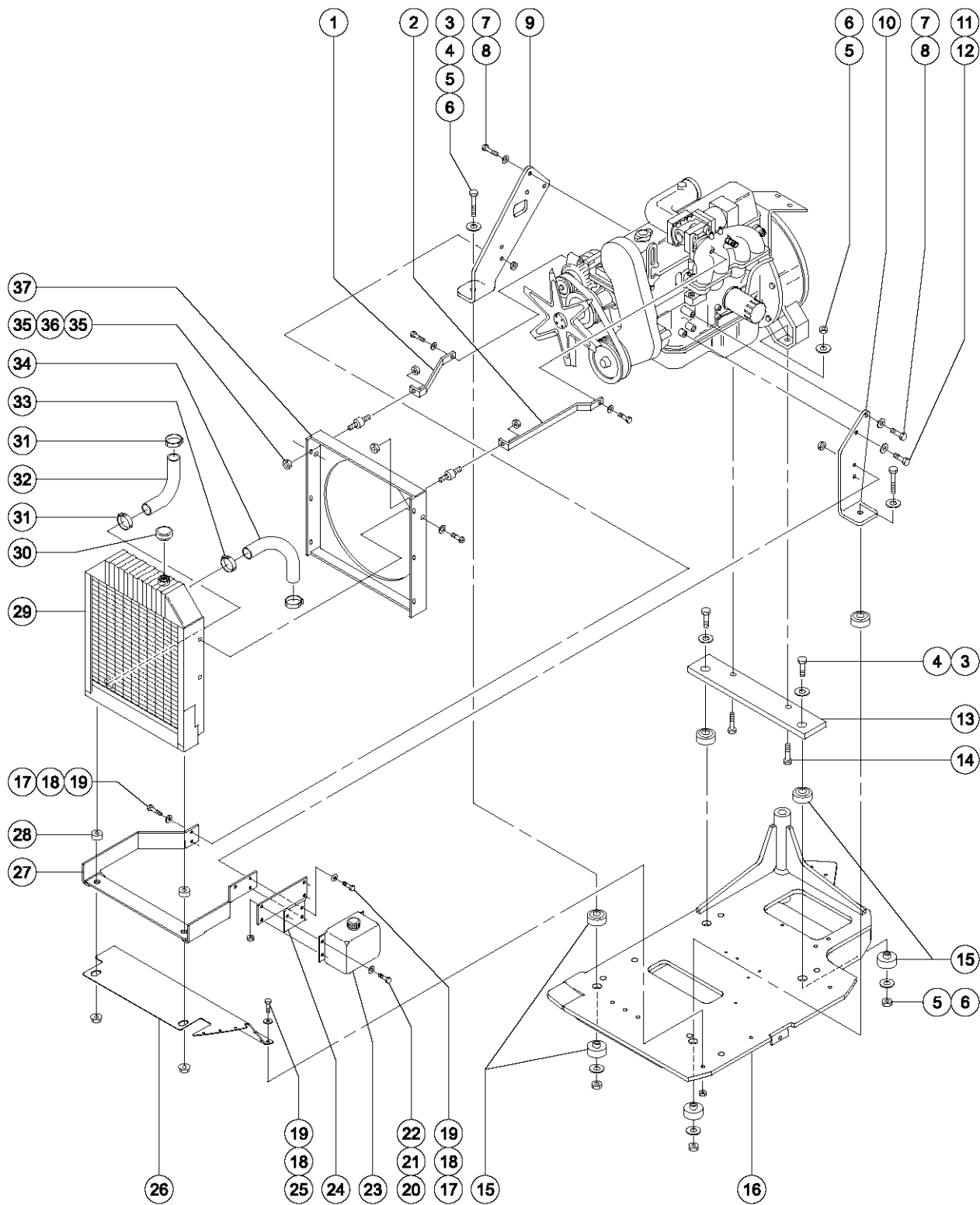
411.1 Ford LRG-425 EFI Engine - View 3 (from SN 7601)



411.1 Ford LRG-425 EFI Engine - View 3 (from SN 7601)

Item	Part No.	Description	Qty.
1	50588-SGT	STRUT,RADIATOR RH, FORD EFI	1
2	50589-SGT	STRUT,RADIATOR,LH,FORD,EFI	1
3	8357GT	SCREW,HHC,1/2-13 X 3.5	4
4	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	2
5	6095GT	WASHER,FLAT,USS,1/2",Y	2
6	6198GT	NUT, NYLOCK, 1/2-13	2
7	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	7
8	22700GT	WASHER,LOCK,M10	7
9	23057GT	SCREW,HHC,M8 X 20MM	1
10	49408GT	WASHER, LOCK, M8	1
11	50709-SGT	ENGINE MOUNT FOOT, R.H.	1
12	50710-SGT	ENGINE MOUNT FOOT L.H.	1
13	50437-SGT	PLATE, ENGINE MNT BELL HOUSING	1
14	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
15	24037GT	SHOCK MOUNT,LARGE**	8
16	50432-SGT	WELDMENT,ENGINE TRAY	1
17	8516GT	SCREW, HCC, 3/8-16 X 1.50	4
18	6097GT	WASHER,FLAT,USS,3/8",Y	5
19	4828GT	NUT,NYLOCK,3/8-16	5
20	6090GT	SCREW, HHC, 1/4-20 X .75	4
21	6638GT	WASHER, FLAT, USS, 1/4"Y	4
22	6889GT	NUT,LP NYLOCK,1/4-20	4
23	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
24	50976-SGT	BRACKET COOLANT TANK MT	1
25	6175GT	SCREW,HHC,3/8-16 X 1	1
26	50925-SGT	BAFFLE-RADIATOR,LOWER	1
27	50705-SGT	WELDMENT, RADIATOR MOUNT	1
28	24038GT	SHOCK MOUNT,SMALL	2

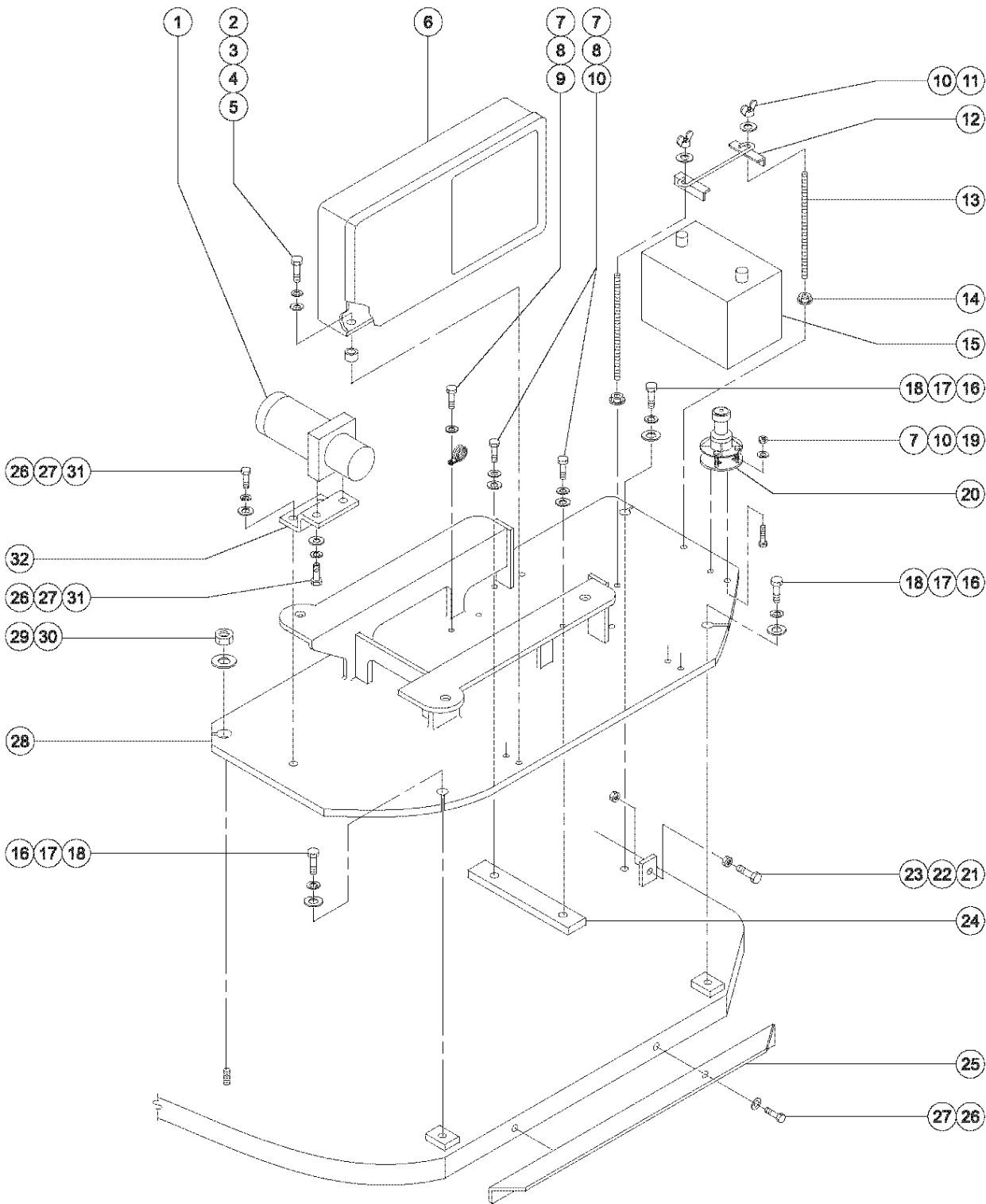
411.1 Ford LRG-425 EFI Engine - View 3 (from SN 7601)



411.1 Ford LRG-425 EFI Engine - View 3 (from SN 7601)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29	33969GT	RADIATOR,FORD,LRG	1
29	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
29	54166GT	PLATE,AIR INTAKE ADAPTER,FRD**	1
29		SEAL,BAFFLE,FRONT,OUTSIDE,EFI	1
		component no longer available	
29		SEAL,BAFFLE,FRONT,INSIDE,EFI	1
		component no longer available	
30	27943GT	CAP,RADIATOR,FORD***	1
31	13014GT	CLAMP,HOSE,2.25" DIA.	2
32	77170GT	HOSE,LOWER RADIATOR,Z45	1
33	45171GT	CLAMP,HOSE,1.75,LINED	2
34	33965GT	HOSE, UPPER RADIATOR	1
35	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	4
36	219437GT	ISOLATOR,VIBRATION	2
37	50764-SGT	SHROUD,RADIATOR,FORD,LRG 425	1

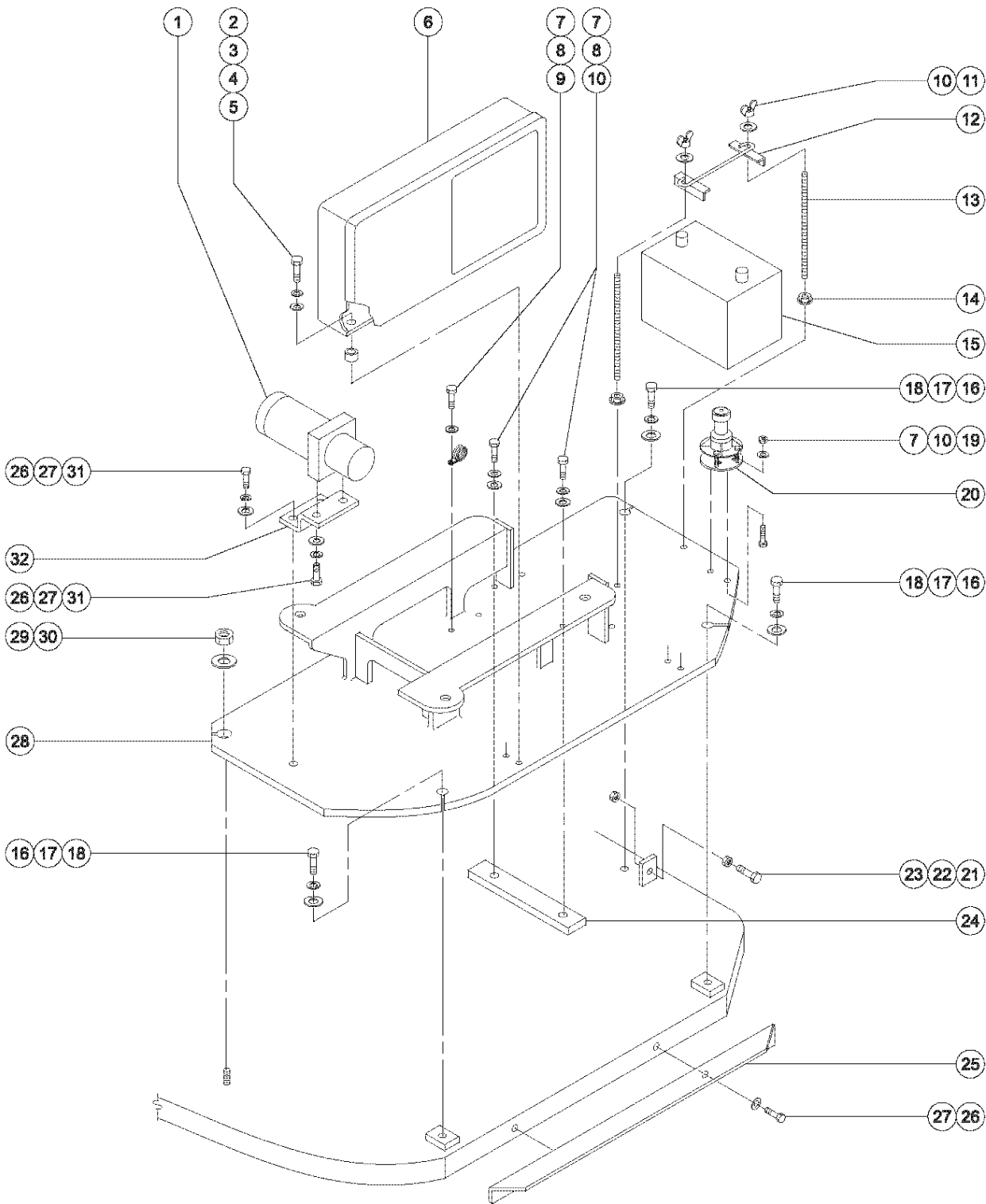
412.1 Engine Pivot Mount Components - Deutz Diesel Engine



412.1 Engine Pivot Mount Components - Deutz Diesel Engine

Item	Part No.	Description	Qty.
1	112379GT	POWER UNIT,12VDC AUX***	1
1	43687GT	MOTOR,12VDC (42185)	1
1	43688GT	PUMP ASSY (42185)	1
1	112308GT	SOLENOID,12V,APU	1
1	38156GT	VALVE,RELIEF KIT,MONARCH**	1
2	13000GT	SCREW,HHC,5/16-18 X 1.25	4
3	6886GT	WASHER,LOCK,.313	4
4	5397GT	WASHER,FLAT,USS,5/16",Y	4
5	45400GT	SPACER TUBE,.50 LG	4
6		Ref. Ground Controls refer to sections 506.1 and 507.1	1
7	6888GT	SCREW,HHC,1/4-20 X 1	5
8	6356GT	WASHER,LOCK,.25	3
9	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	1
10	6638GT	WASHER, FLAT, USS, 1/4"Y	6
11	8170GT	NUT,WING,1/4-20	2
12	T107827GT	BATTERY HOLD DOWN	1
13	27506GT	THREADED ROD,(1/4-20),8.5"	2
14	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	2
15	36872GT	BATTERY, 12V	1
16	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	3
17	6033GT	WASHER,LOCK,0.5"	3
18	6095GT	WASHER,FLAT,USS,1/2",Y	3
19	6889GT	NUT,LP NYLOCK,1/4-20	2
20	44586GT	SENSOR,LEVEL 4.5***	1
21	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
22	4828GT	NUT,NYLOCK,3/8-16	1
23	7713GT	NUT, LP NYLOCK, 3/8-16	1
24	25635GT	PAD,NYLON-12 X 2 X 0.625 INCH	1

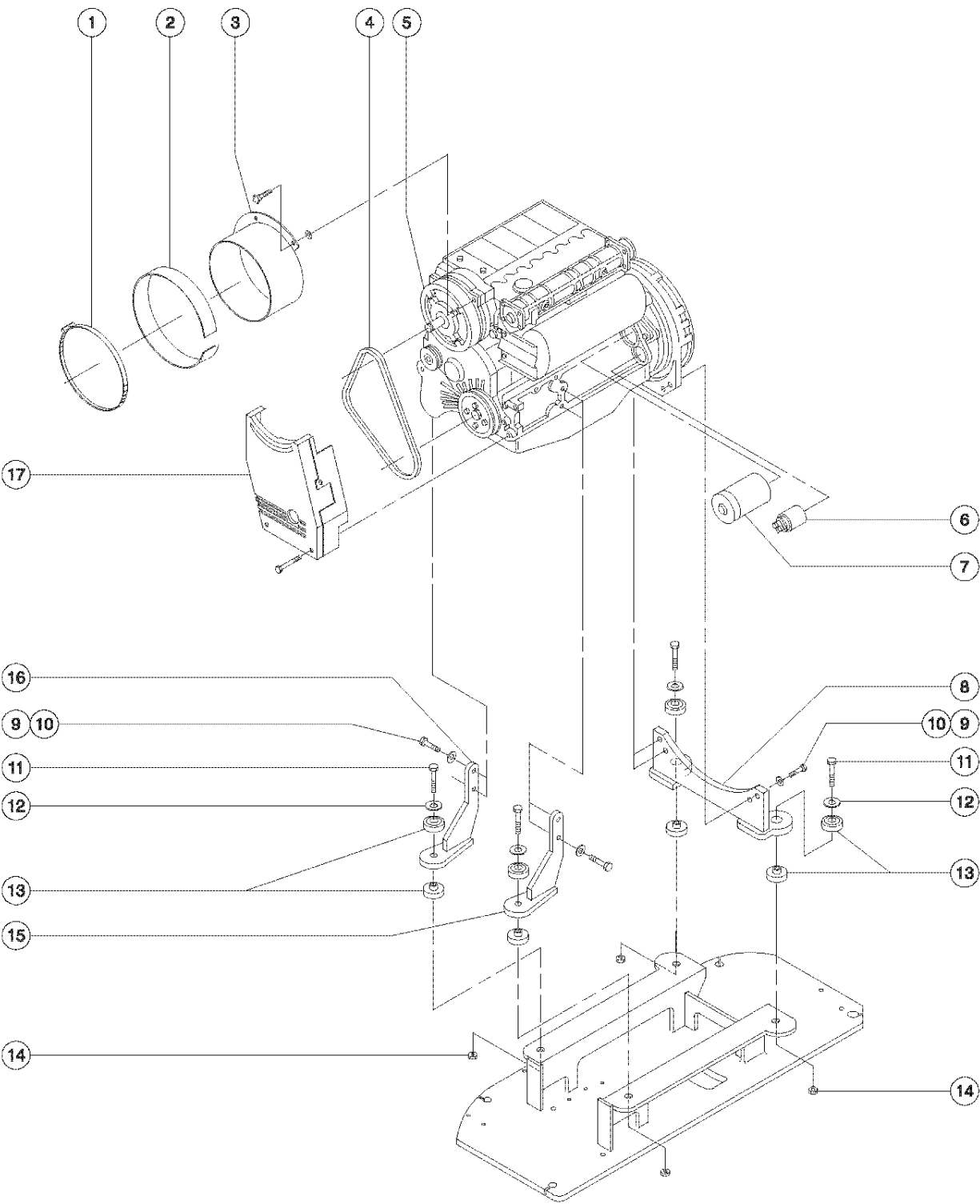
412.1 Engine Pivot Mount Components - Deutz Diesel Engine



412.1 Engine Pivot Mount Components - Deutz Diesel Engine

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
25	24593PGT	ANGLE,SWING CHASSIS,PAINTED	1
26	8255GT	SCREW,HHC,3/8-16 X .75	6
27	6021GT	WASHER,LOCK, .375	6
28	43946GT	WELDMENT SET,DEUTZ ENGINE BASE	1
		from SN 5582	
29	19331GT	NUT,LP NYLOCK,1-12	1
30	13775GT	WASHER,FLAT,1.063 X 2 X .134	1
31	6097GT	WASHER,FLAT,USS,3/8",Y	4
32	25855PGT	BRACKET,AUX PUMP MOUNT,PAINT	1

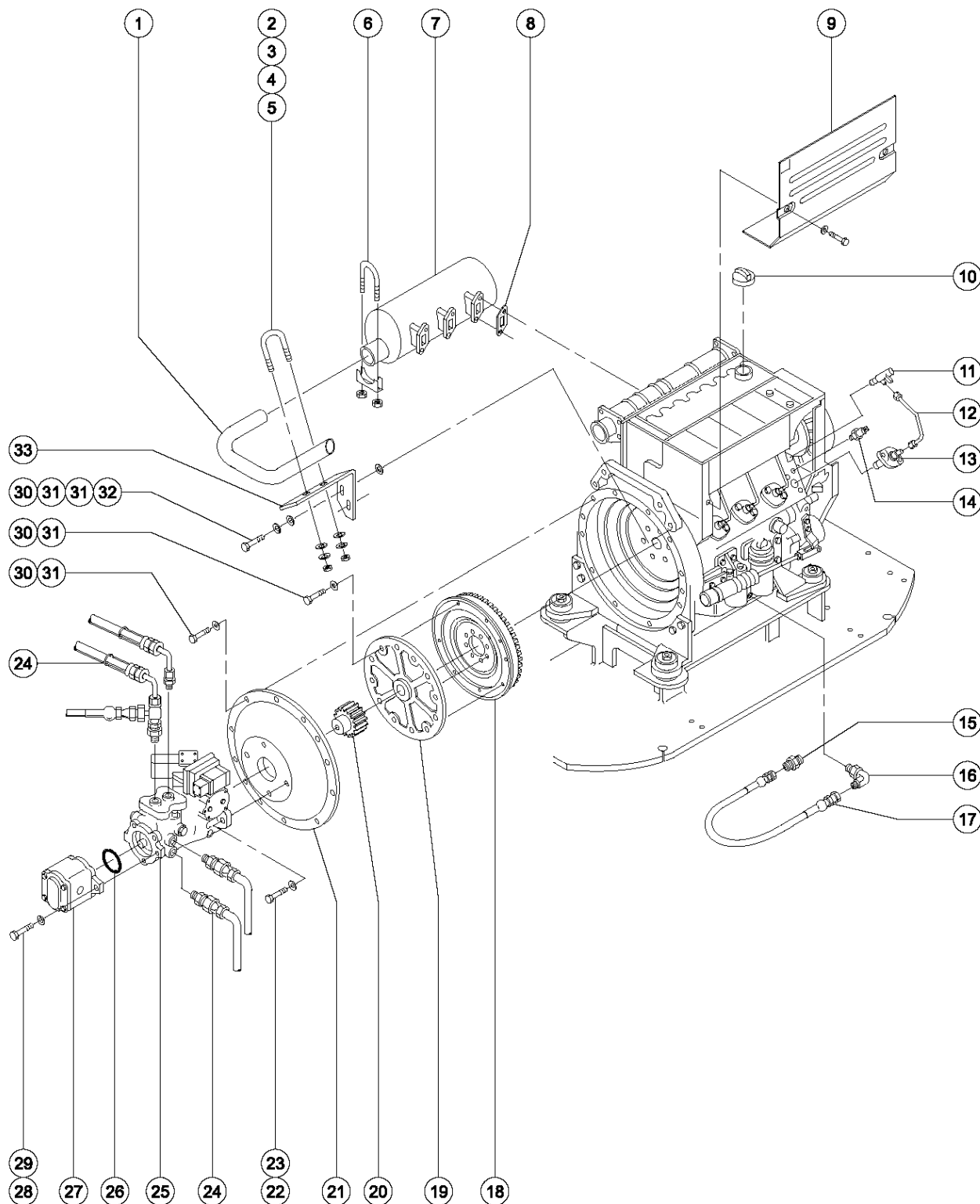
413.1 Deutz F3L 1011F Engine - View 1 (from SN 2833)



413.1 Deutz F3L 1011F Engine - View 1 (from SN 2833)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	31523GT	CLAMP, FAN GUARD, DEUTZ F4L1011	1
2	33239GT	WELDMENT, AIR INTAKE TUBE	1
3	33201PGT	WELDMENT,AIR INTAKE TUBE,GRAY	1
4	32698GT	BELT,V, DEUTZ DIESEL ENGINE	1
5	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	1
6	49915GT	SOLENOID-STARTR DEUTZF4L1011F*	1
7	37950GT	STARTER,DEUTZ,F4L1011F/F3L1011 11 tooth; inspect old starter before ordering (includes item 6)	1
7	139709GT	STARTER, 12V 9 tooth; inspect old starter before ordering (includes item 6)	
8	43728GT	FOOT WELDMENT,DEUTZ ENGINE	1
		from SN 5582	
9	34265GT	SCREW,HHC,M14 X 55	8
10	37505GT	WASHER,LOCK,M14	8
11	47186GT	SCREW,HHC,5/8-11 X 4.5	4
12	33418GT	WASHER,FLAT,.625 X 2.25 X.15	4
13	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
14	6024GT	NUT,NYLOCK,5/8-11	4
15	32748GT	WELMENT,DEUTZ ENGINE MOUNT	1
		from SN 5582	
16	32749GT	WELDMENT,DEUTZ ENGINE MOUNT	1
		from SN 5582	
17	29555GT	COVER,FRONT DEUTZ ENGINE	1

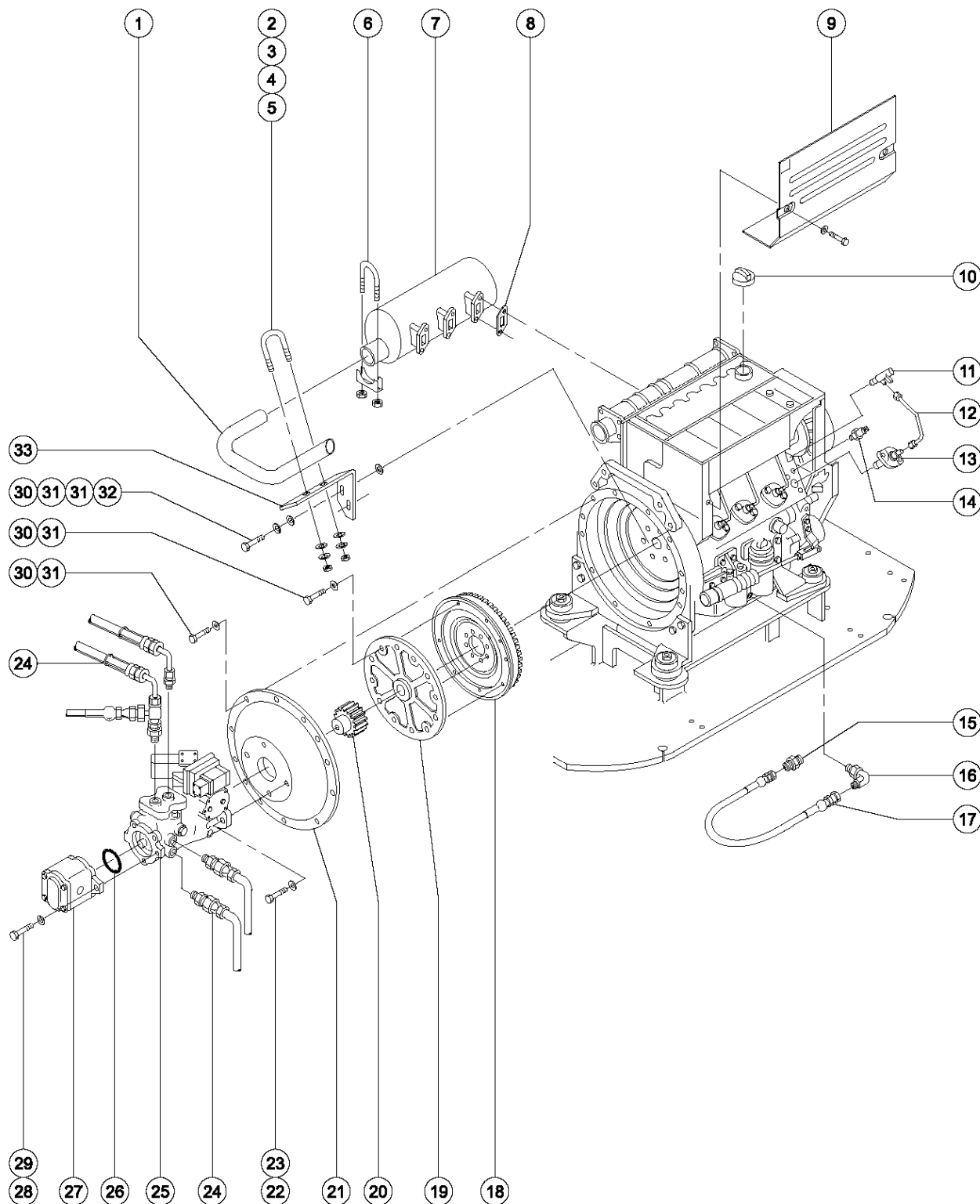
414.1 Deutz F3L 1011F Engine - View 2 (from SN 2833)



414.1 Deutz F3L 1011F Engine - View 2 (from SN 2833)

Item	Part No.	Description	Qty.
		(please verify ring gear thickness) 0.46 inches	
	58176GT	BELT,TIMING,DEUTZ F3L1011F	
1	33077GT	EXHAUST,TAILOPIPE,DEUTZ, Z45	1
2	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***	1
3	5397GT	WASHER,FLAT,USS,5/16",Y	2
4	6886GT	WASHER,LOCK,,313	2
5	6037GT	NUT,HEX,5/16-18,GR5	2
6	30438GT	CLAMP,MUFFLER,2 1/4" ID.	1
7	32695GT	MUFFLER,DEUTZ includes index numbers 6 and 8	1
8	29559GT	GASKET,EXHAUST	3
9	52353GT	COVER,ENGINE SIDE (F30-1011F)	1
10	29557GT	CAP,OIL FILLER,DEUTZ,DIESEL ***	1
11	49919GT	INJECTOR - DEUTZ F4L1011F	1
12	49921GT	FUEL LINE INJ. DEUTZ F4L1011F	1
13	49929GT	INJECTOR PUMP - DEUTZ F4L1011F	1
14	34059GT	SENDING UNIT,OIL TEMP.	1
15	19141GT	PLUG,MALE,070109-6	1
16	34226GT	ELBOW,90DEG.MC5515X8X18	1
17	30964GT	HOSE ASSEMBLY, 33"	1
18	49917GT	RING GEAR,DEUTZ F3 & F4L1011F* (please verify ring gear thickness) 0.46 inches	1
18-	89785GT	RING GEAR,DEUTZ F3L2011F (please verify ring gear thickness) 0.6 inches	1
19	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
20	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
21	30806GT	FLYWHEEL COVER,CASTING***	1
22	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
23	6033GT	WASHER,LOCK,0.5"	2
24		Ref. Hydraulic Hoses and Fittings refer to section 510.1	1
25	49770GT	PUMP,M46/GEAR,2.8/.67***	1

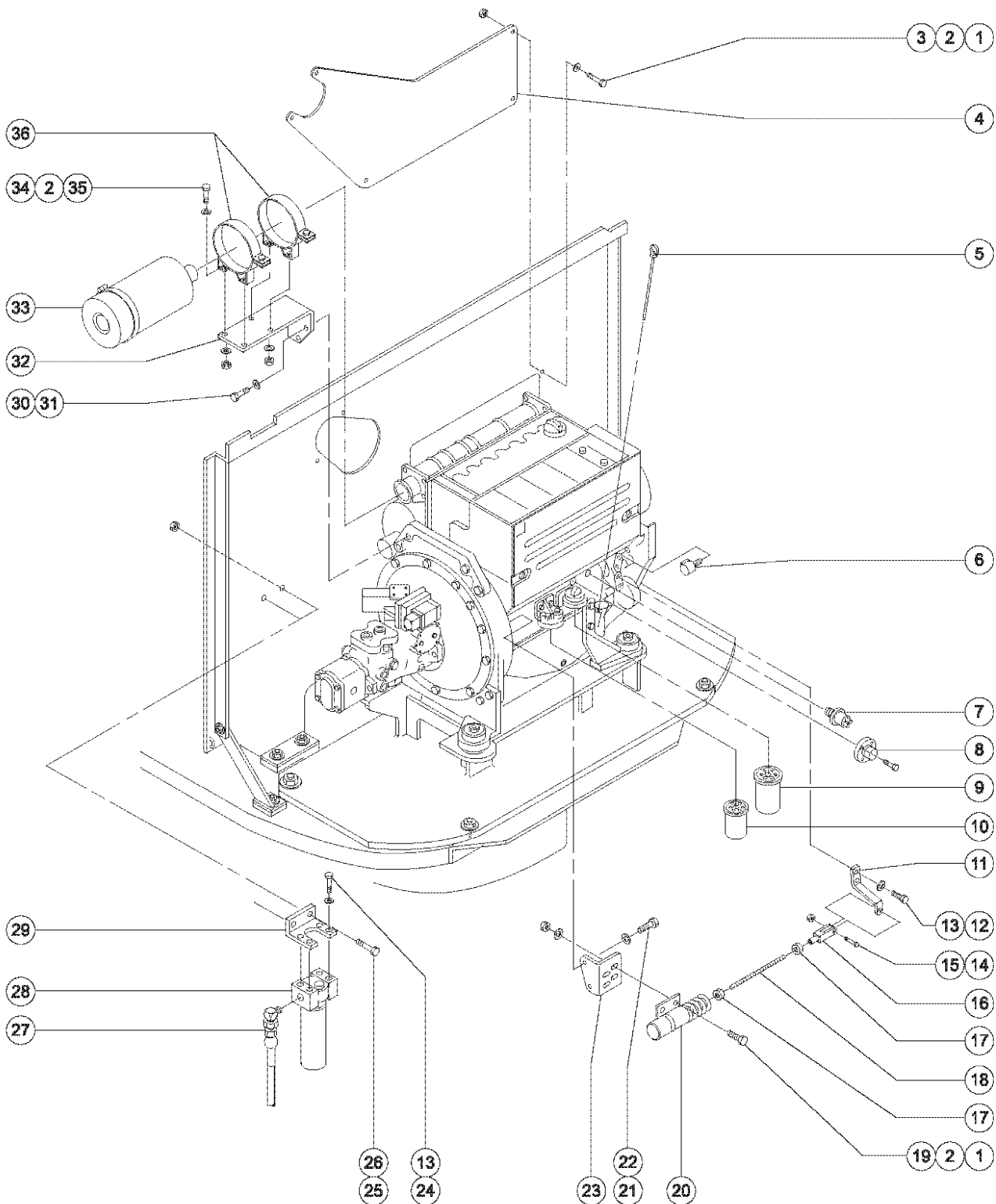
414.1 Deutz F3L 1011F Engine - View 2 (from SN 2833)



414.1 Deutz F3L 1011F Engine - View 2 (from SN 2833)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
25	22965GT	EDC ASSY,SAUER,M46***	1
25	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
25	32611GT	SHAFT,M46 15 TOOTH	1
25	27067GT	SEAL,SHAFT-SUNDSTRAND***	1
26	29436GT	O-RING***	1
27	54222GT	PUMP,PIGGY BACK,.67 C.I.,Z45IC	1
		includes index number 26	
27	77990GT	KIT,SEAL,3CC PUMP***	1
28	6175GT	SCREW,HHC,3/8-16 X 1	2
29	6021GT	WASHER,LOCK, .375	2
30	44064GT	SCREW,HHC,M10 X 30MM,	19
31	22700GT	WASHER,LOCK,M10	19
32	22699GT	WASHER, FLAT, M10, ZINC PLTD.	3
33	33356PGT	BRACKET,EXHAUST PIPE,PAINTED	1

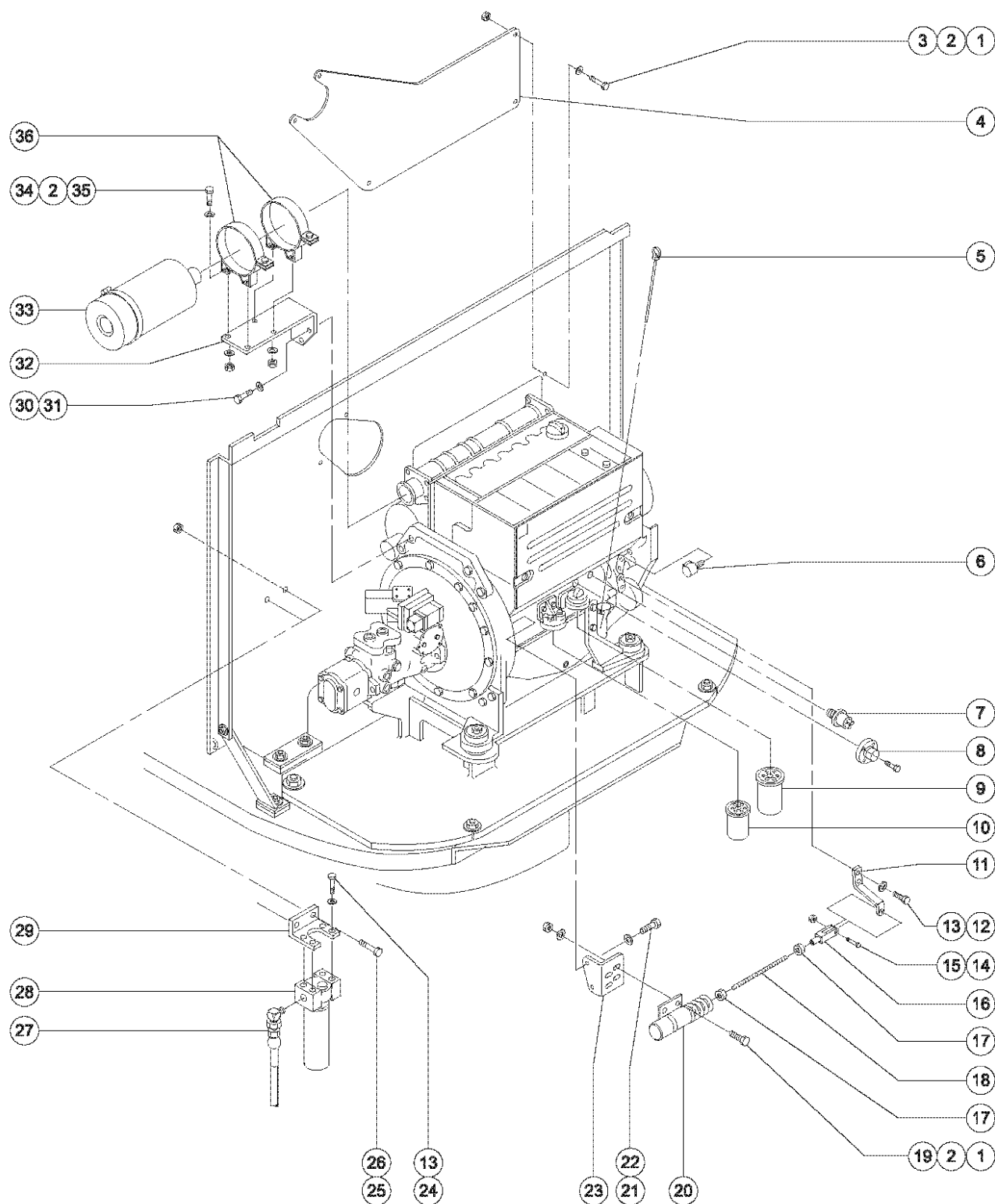
415.1 Deutz F3L 1011F Engine - View 3 (from SN 2833)



415.1 Deutz F3L 1011F Engine - View 3 (from SN 2833)

Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	9
2	6638GT	WASHER, FLAT, USS, 1/4"Y	12
3	6091GT	NUT, NYLOCK, 1/4-20	5
4	33199PGT	PLATE,BULKHEAD COVER,PAINTED	1
5	52352GT	DIPSTICK-F3L1011F (DEUTZ)	1
6	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (must order cable assembly, 58256, if replacing 32752) (includes o-ring)	1
6-	58256GT	SOLENOID CABLE ASSY***	
6-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* (does not include diode, 45782)	
6-	56445GT	DIODE,6 AMP 200 PIV,REEL	
7	37033GT	SENDING UNIT,OIL PRESS.,DEUTZ* single-terminal sender	1
8	49923GT	PUMP, FUEL LIFT, F4L1011F	1
9	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
9-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1
10	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
10-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
11	33240PGT	BRACKET,ACTUATOR ARM MTG,PTD	1
12	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	2
13	6356GT	WASHER,LOCK, .25	6
14	6584GT	SCREW,SHS,10-24 X .625	1
15	5365GT	NUT,NYLOCK,10-24	1
16	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
17	21496GT	NUT,HEX,1/4-28	2
18	30785-1000GT	THREADED ROD,1/4-28 X 10 IN***	1
19	6889GT	NUT,LP NYLOCK,1/4-20	4
20	29073GT	SOLENOID,THROTTLE,	1
21	23057GT	SCREW,HHC,M8 X 20MM	2
22	6886GT	WASHER,LOCK, .313	2
23	33241PGT	BRACKET,SOLENOID MTG,PAINTED	1

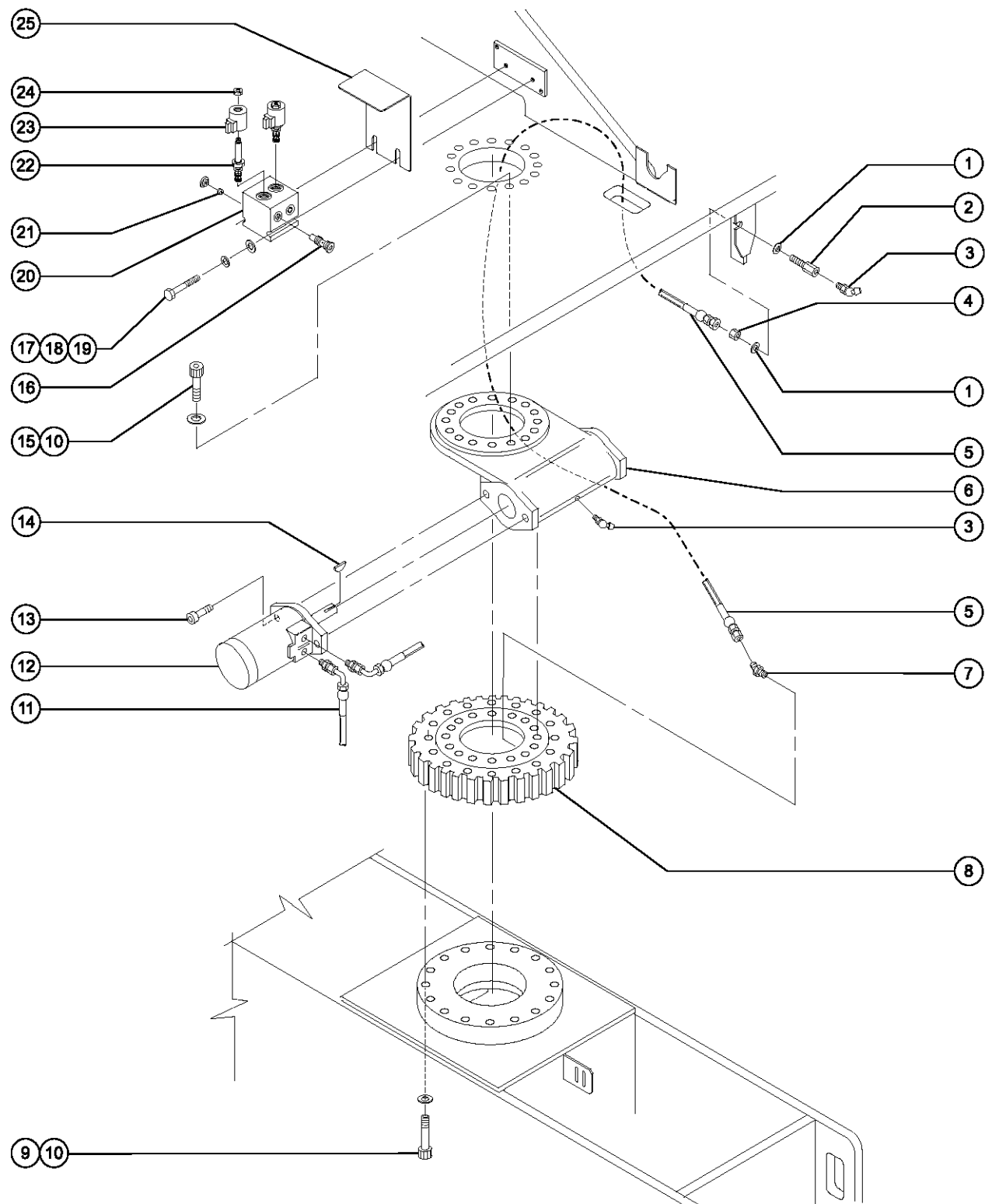
415.1 Deutz F3L 1011F Engine - View 3 (from SN 2833)



415.1 Deutz F3L 1011F Engine - View 3 (from SN 2833)

Item	Part No.	Description	Qty.
24	8914GT	SCREW,HHC,1/4-20 X .625	4
25	8255GT	SCREW,HHC,3/8-16 X .75	2
26	7713GT	NUT, LP NYLOCK, 3/8-16	2
27		Ref. Hydraulic Hoses and Fittings	1
		refer to section 510.1	
28		FILTER ASY,M PRESS,SAE8,WOIND* (77139)	1
		component no longer available	
28-	60857GT	FILTER,ELEMENT,BETA(5)=1000	1
		for 77139	
28-	20880GT	FILTER ELEMENT-10 MIC.***	1
		for 20879 (no longer available)	
28A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
28A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS	
		for 1267807	
29	20517PGT	BRACKET-FILTER MNT.-PAINTED	1
30	44064GT	SCREW,HHC,M10 X 30MM,	2
31	22700GT	WASHER,LOCK,M10	2
32	30769PGT	BRCKET,AIR CLEANER MTG.PAINT**	1
33	27915GT	AIR CLEANER	1
33-	27916GT	FILTER,AIR,ELEMENT***	1
33-	65815GT	CLAMP, AIR CLEANER (27915)**	1
		clamp that holds the end cap on	
34	13002GT	SCREW,HHC,5/16-18 X 1 GR5	4
35	6002GT	NUT, LP NYLOCK, 5/16-18	4
36	53952GT	BRKT,AIR CLEANER ORIENTATION**	1

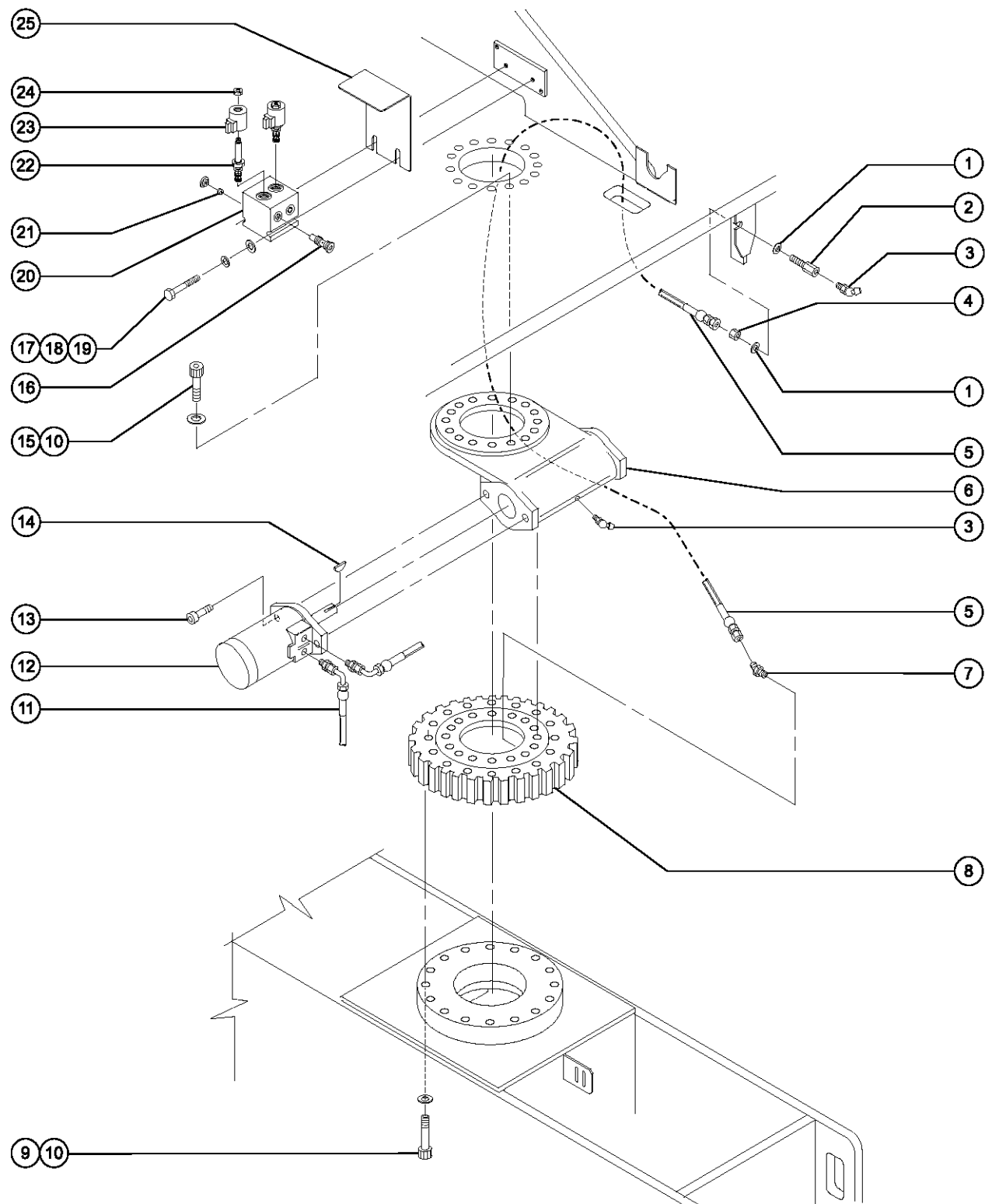
501.1 Turntable Rotator



501.1 Turntable Rotator

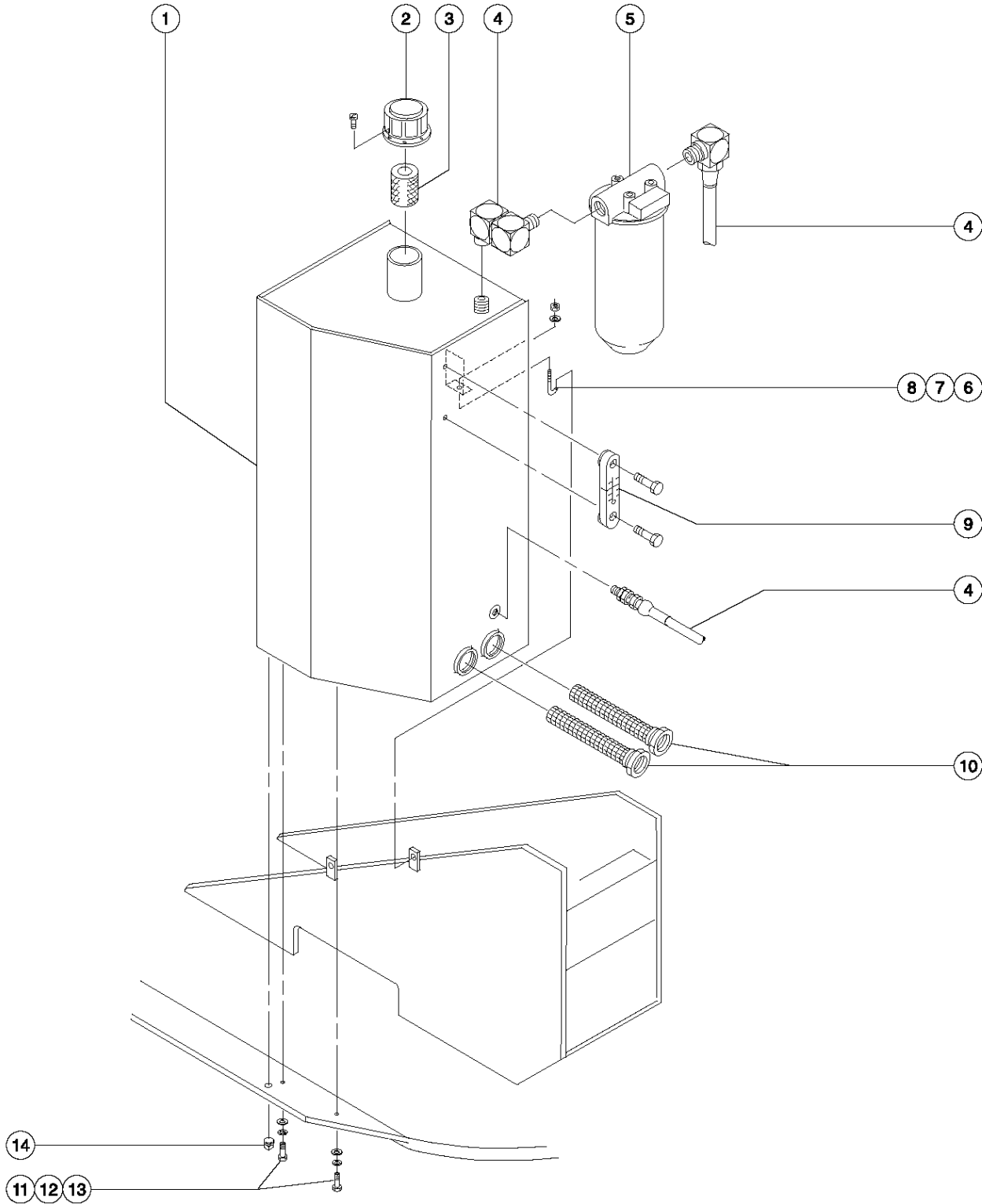
Item	Part No.	Description	Qty.
1	6097GT	WASHER,FLAT,USS,3/8",Y	2
2	30430GT	BULKHEAD,FEMALE X 4	1
3	22794GT	ZERK,GREASE,1/8 NPT,45DEG	2
4	34615GT	BULKHEAD,NUT,070118-4	1
5	41335GT	HOSE-TURNTABLE BEARING LUBE	1
6	24486GT	WORM DRIVE,ROTATION	1
7	31194GT	ELBOW,070302-4-2	1
8	24485GT	BEARING,SWING CHASSIS	1
9	25067GT	SCREW,SHC,5/8-11 X 6.5	18
10	13064GT	WASHER,FLAT,.625 HARDENED	42
11		Ref. Hydraulic Hoses and Fittings refer to section 510.1	42
12	27372GT	MOTOR,TURNTABLE O-RING PORTS	1
12	27275GT	SEAL KIT (21172)	1
13	22202GT	SCREW,SHC,1/2-13 X 2.25 ***	2
14	32224GT	KEY-WOODRUFF	1
15	25068GT	SCREW,SHC,5/8-11 X 4.5,A574	24
16	43599GT	VALVE,CHECK	1
16-	110200GT	SEAL KIT, VALVE, #4	
17	42571GT	SCREW,HHC,1/4-20 X 3.25	2
18	6356GT	WASHER,LOCK,.25	2
19	6638GT	WASHER, FLAT, USS, 1/4"Y	2
20	42157GT	MANIFOLD,BRAKE/MOTOR SHIFT includes index numbers 16 and 21 through 24	1
20	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	2
20	33994GT	PLUG AND CAP KIT-SERVICE,37 **	2
21	32669GT	ORIFICE PLUG,.025 (30551)	1
22	65766GT	VALVE,SOLENOID,10V W/DIODE*** includes index numbers 23 and 24	2
23	43601GT	COIL,SOLENOID VLV,10V W/ DIODE	2
24	45912GT	NUT,SOLENOID VALVE 2P3W	2

501.1 Turntable Rotator



Item	Part No.	Description	Qty.
25	35950PGT	COVER,BRAKE MANIFOLD,PAINTED	1

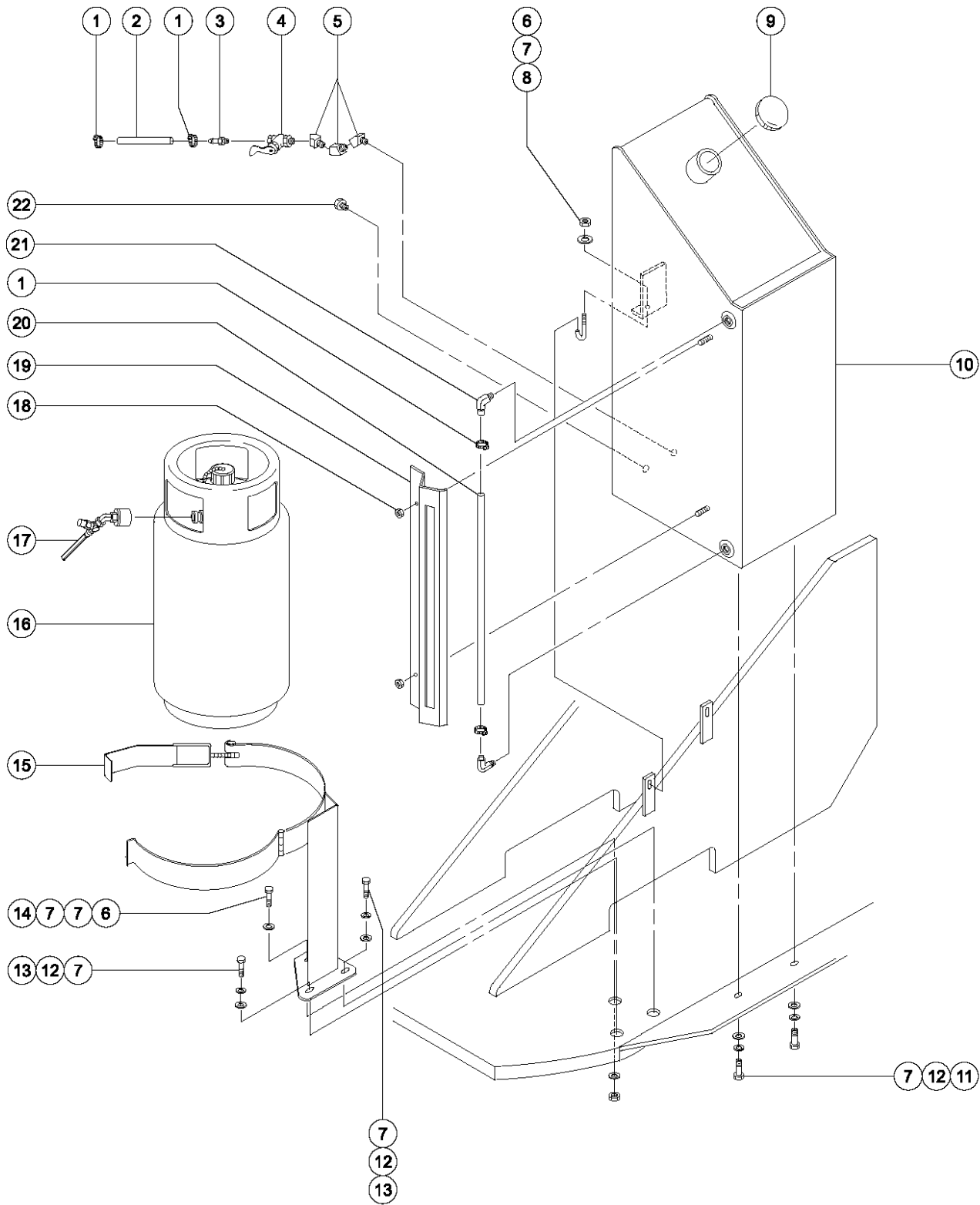
502.1 Hydraulic Tank and Filter



502.1 Hydraulic Tank and Filter

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	24560PGT	RESERVOIR,HYD,WELD,PAINTED	1
2	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
3	52160GT	STRAINER - FILLER NECK (24560)	1
4		Ref. Hydraulic Hoses and Fittings	1
		refer to section 510.1	
5	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
5	46014GT	FILTER,ELEMENT,BETA(6)=200	1
6	35474GT	J-BOLT,3/8-16,PLATED	1
7	6097GT	WASHER,FLAT,USS,3/8",Y	1
8	4828GT	NUT,NYLOCK,3/8-16	1
9	21141GT	GAUGE-SIGHT,LHA-LGTB***	1
		includes mounting fasteners	
10	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
11	8255GT	SCREW,HHC,3/8-16 X .75	2
12	6021GT	WASHER,LOCK, .375	2
13	5397GT	WASHER,FLAT,USS,5/16",Y	2
14	25879GT	PLUG,PIPE,HEX HEAD,STL,3/8 NPT	1

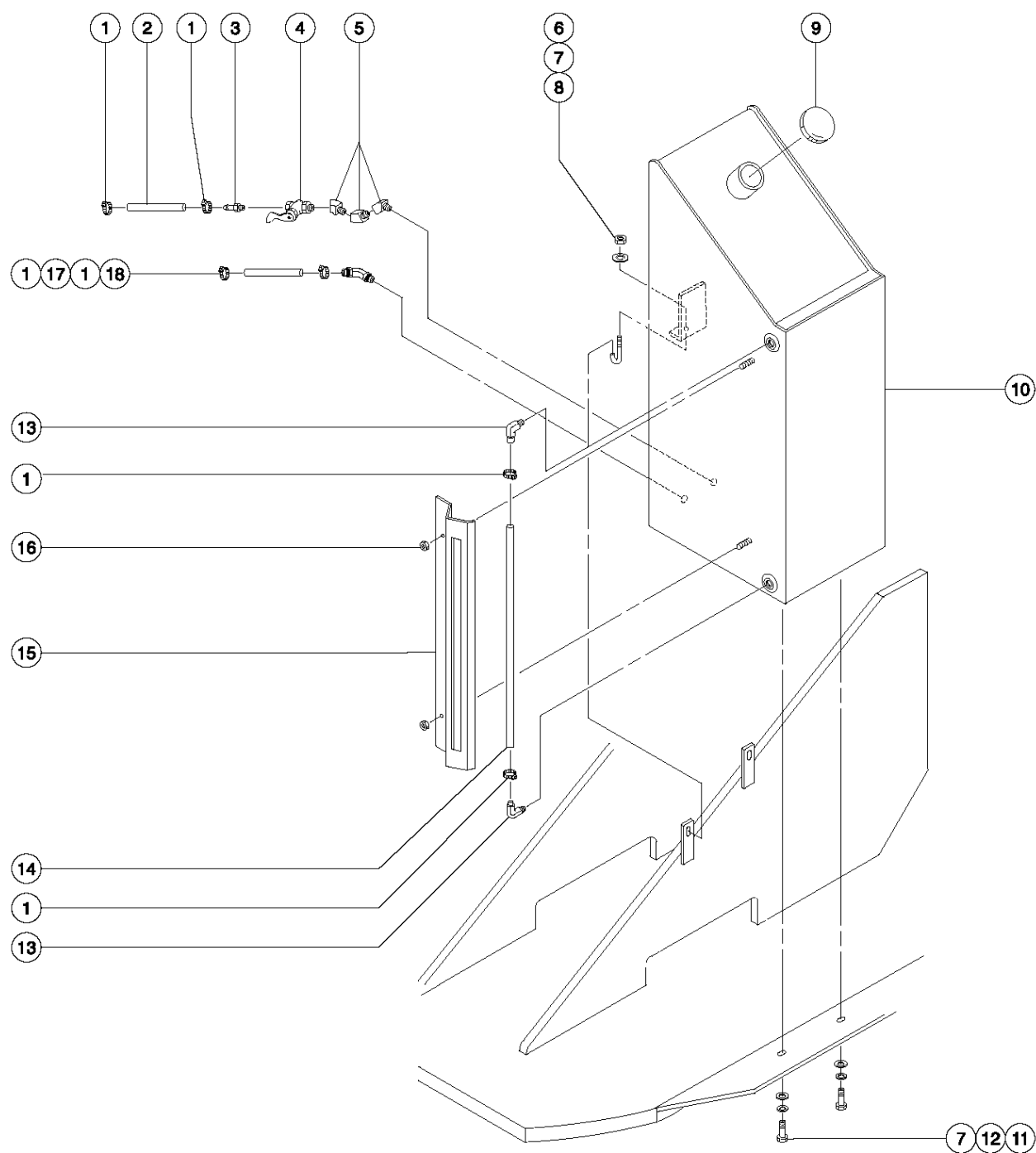
503.1 Fuel Tank - Gasoline/LPG models



503.1 Fuel Tank - Gasoline/LPG models

Item	Part No.	Description	Qty.
1	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	4
2	27089GT	HOSE,5/16 FUEL,SAE 30R7	32
3	27087GT	HOSE END,MALE PIPE,WH#1551	1
4	19487GT	VALVE, FUEL LOCK	1
5	19606GT	ELBOW,130339-4-4	3
6	4828GT	NUT,NYLOCK,3/8-16	2
7	5397GT	WASHER,FLAT,USS,5/16",Y	7
8	35474GT	J-BOLT,3/8-16,PLATED	1
9	28829GT	CAP,FUEL,RED***	1
10		TANK WELDMENT,PAINTED No longer available (contact customer service)	1
11	8255GT	SCREW,HHC,3/8-16 X .75	2
12	6021GT	WASHER,LOCK,.375	4
13	6175GT	SCREW,HHC,3/8-16 X 1	2
14	21604GT	SCREW,HHC,3/8-16 X 3.25	1
15	31029GT	WELDMENT,LP BOTTLE BRACKET	1
16	53605GT	TANK, 7 GAL/33.5 POUND, LP	1
17	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**	1
18	6091GT	NUT, NYLOCK, 1/4-20	2
19	25820PGT	GUARD,FUEL LVL.GAUGE,PAINTED	1
20	27071GT	TUBE,FUEL SIGHT it is recommended to also order PN 28828 when replacing the fuel sight tube	22
21	27040GT	ELBOW,90DEG.3/8MPT-3/8 BARB	2
22	2327GT	PLUG,HEX HEAD,1/4 MPT BRASS	1

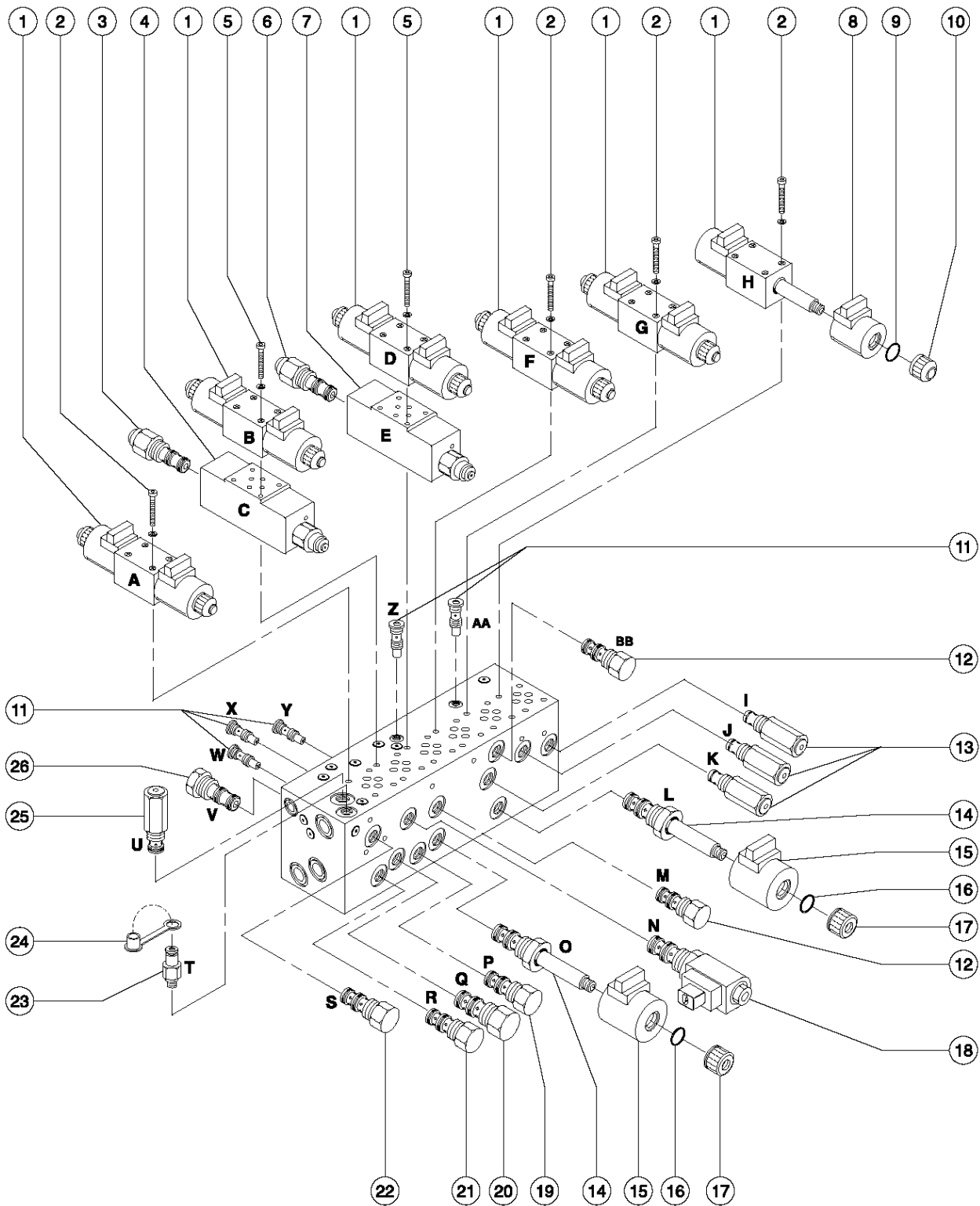
504.1 Fuel Tank - Diesel models



504.1 Fuel Tank - Diesel models

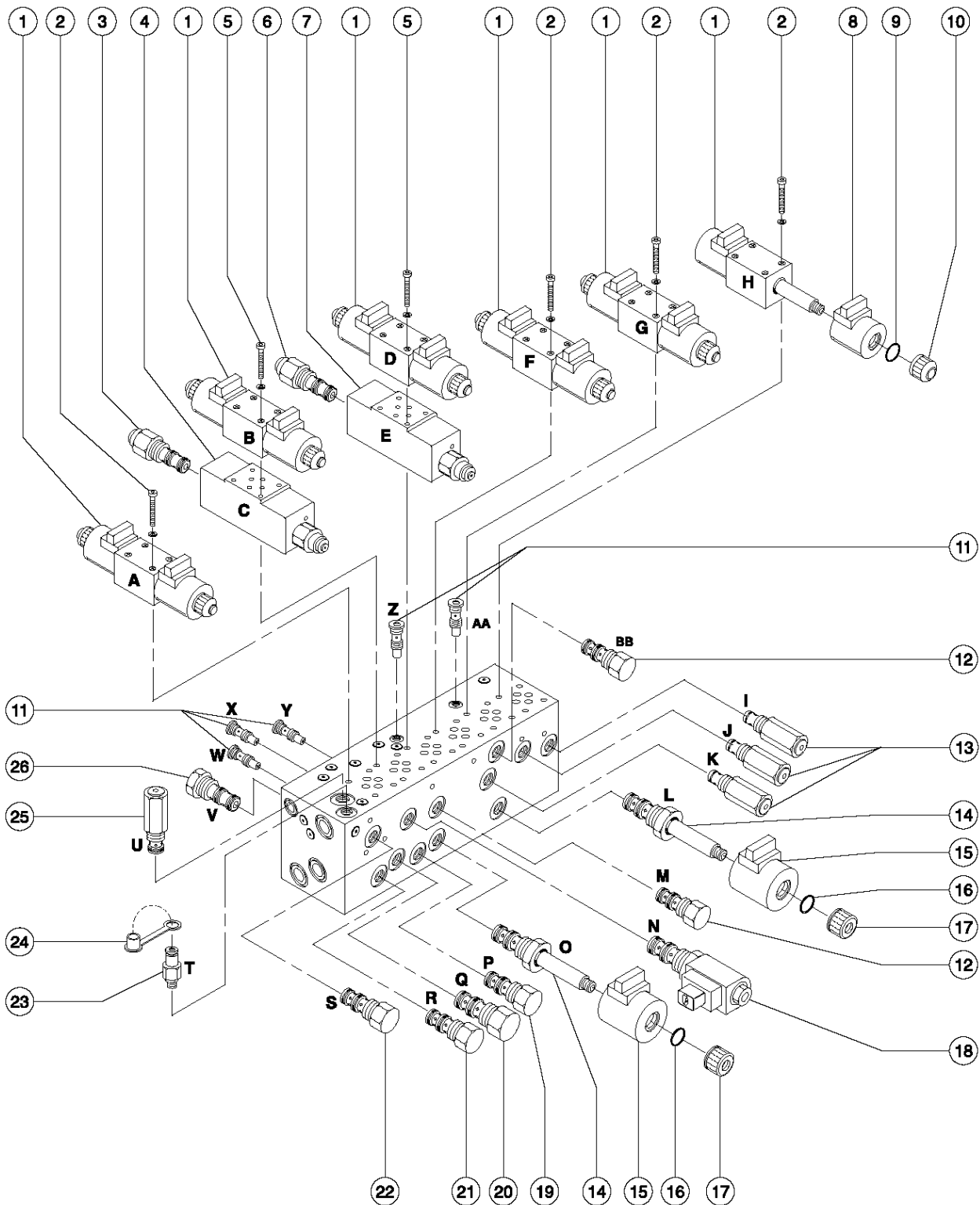
Item	Part No.	Description	Qty.
1	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	6
2	27089GT	HOSE,5/16 FUEL,SAE 30R7	32
3	27087GT	HOSE END,MALE PIPE,WH#1551	1
4	19487GT	VALVE, FUEL LOCK	1
5	19606GT	ELBOW,130339-4-4	3
6	4828GT	NUT,NYLOCK,3/8-16	1
7	5397GT	WASHER,FLAT,USS,5/16",Y	3
8	35474GT	J-BOLT,3/8-16,PLATED	1
9	25567GT	CAP,FUEL,GREEN*	1
10		TANK WELDMENT,PAINTED No longer available (contact customer service)	1
11	8255GT	SCREW,HHC,3/8-16 X .75	2
12	6021GT	WASHER,LOCK,.375	2
13	27040GT	ELBOW,90DEG.3/8MPT-3/8 BARB	2
14	27071GT	TUBE,FUEL SIGHT it is recommended to also order PN 28828 when replacing the fuel sight tube	22
15	25820PGT	GUARD,FUEL LVL.GAUGE,PAINTED	1
16	6091GT	NUT, NYLOCK, 1/4-20	2
17	27089GT	HOSE,5/16 FUEL,SAE 30R7	82
18	34226GT	ELBOW,90DEG.MC5515X8X18	1

505.1 Function Manifold



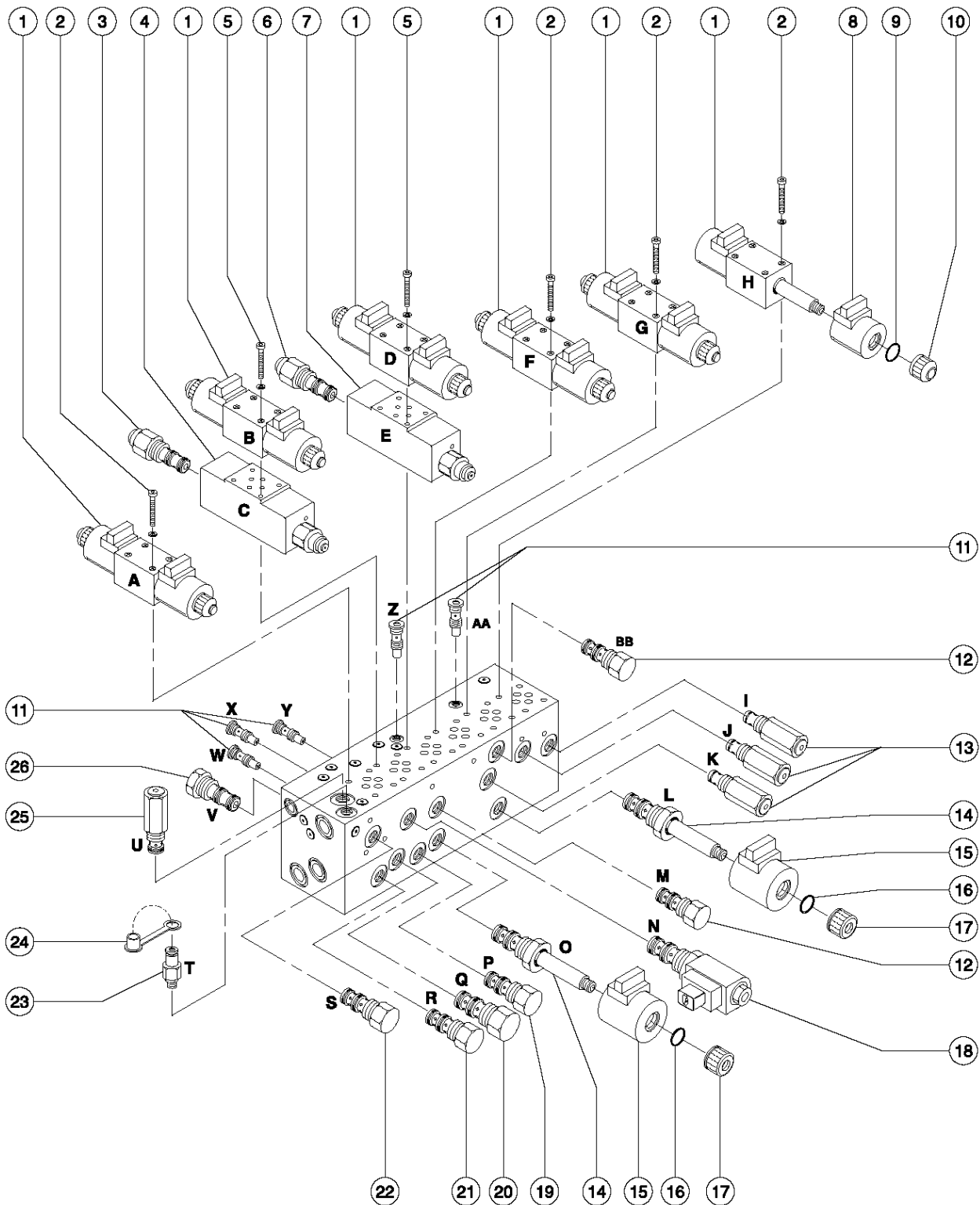
Item	Part No.	Description	Qty.
	31701GT	MANIFOLD,FUNCTION,Z45IC** does not include index numbers 23 and 24	
	25375GT	KIT, O-RING	
	33994GT	PLUG AND CAP KIT-SERVICE,37 **	
1	146165GT	VALVE KIT,D03 includes 2 each index numbers 8 through 10	6
2	43255GT	SCREW,SHC,10-24 X 2	16
3	31262GT	VALVE,COUNTERBALANCE	2
3	110202GT	SEAL KIT, VALVE, #10	
4	31261GT	VALVE,COUNTERBALANCE SANDWICH includes index number 3	1
5	40617GT	SCREW,SHC,10-24 X 4	8
6	40983GT	VALVE,COUNTERBALANCE,1500 PSI	2
6	110202GT	SEAL KIT, VALVE, #10	
7	27806GT	VALVE,COUNTERBALANCE SANDWICH includes index number 6	1
8	223763GT	COIL WITH DE CONNECTOR use connector from old coil when replacing	12
9	48648GT	O-RING, D03 COIL	12
10	48649GT	NUT-D03 COIL	12
11	27807GT	VALVE,CHECK***	5
11	110200GT	SEAL KIT, VALVE, #4	
12	27802GT	VALVE,DIFFERENTIAL SENSING***	2
12	110197GT	SEAL KIT, VALVE, #10	
13	27805GT	VALVE,RELIEF	3
13	74902GT	SEAL KIT, VALVE	
14	32974GT	VALVE,PROPORTIONAL SOLENOID** includes 1 each index numbers 15 through 17	2
14	89310GT	SEAL KIT, SOLENOID VALVE	
15	21935GT	COIL, 12V, 19972/21623/29069	2
16	45914GT	O-RING, DO1 VALVE	2
17	45921GT	RETAINER-N.C.PROPOR.SOLENOID	2
18	27803GT	VALVE,SOLENOID includes coil	1
18	52033GT	COIL,SOLENOID VALVE 10V(24503	1

505.1 Function Manifold



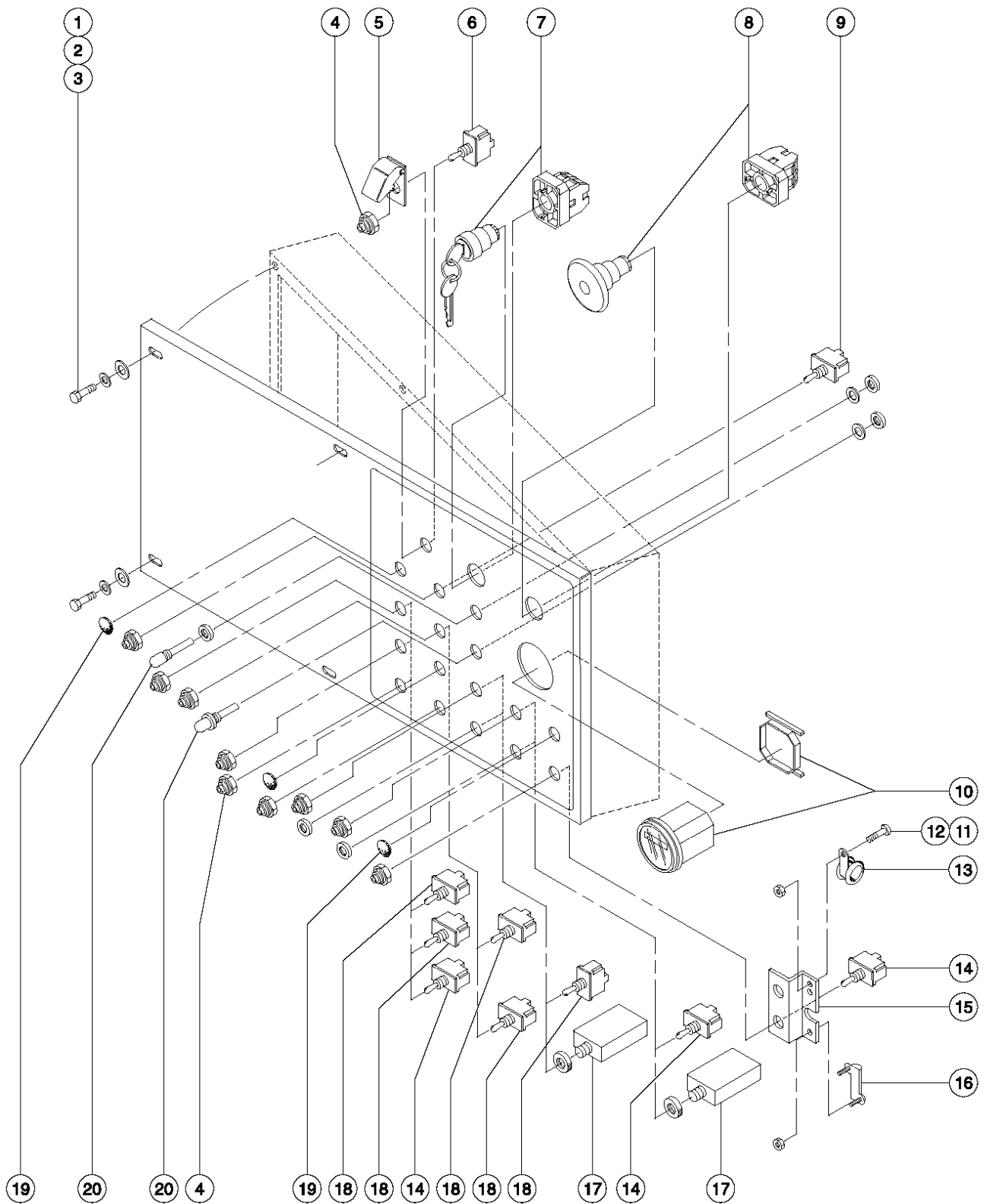
Item	Part No.	Description	Qty.
18	52943GT	NUT, SOLENOID VALVE COIL	1
18	74902GT	SEAL KIT, VALVE	
19	31100GT	VALVE,FLOW REGULATOR 0.6GPM	1
19	74902GT	SEAL KIT, VALVE	
20	27804GT	VALVE,DIFFERENTIAL SENSING***	1
20	110201GT	SEAL KIT, VALVE, #10	
21	42540GT	VALVE,FLOW REGULATOR .5 GPM	1
21	74902GT	SEAL KIT, VALVE	
22	32975GT	VALVE,FLOW REGULATOR 0.1 GPM	1
22	74902GT	SEAL KIT, VALVE	
23	48997GT	NIPPLE,DIAGNOSTIC,#4	1
23	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
24	48880GT	CAP,DIAGNOSTIC NIPPLE	1
25	32035GT	VALVE,RELIEF 2200 PSI	1
25	110194GT	SEAL KIT, VALVE, #10	
26	19207GT	VALVE,FLOW REGULATOR	1
26	110202GT	SEAL KIT, VALVE, #10	
A		D03 Valve Platform Rotate Left/Right	
B		D03 Valve Platform Level Up/Down	
C		Counterbalance Valve Sandwich Platform Level Circuit	
D		D03 Valve Turntable Rotate Left/Right	
E		Counterbalance Valve Sandwich Turntable Rotate Circuit	
F		D03 Valve Secondary Boom Up/Down	
G		D03 Valve Primary Boom Up/Down	
H		D03 Valve Boom Extend/Retract	
I		Relief Valve Boom Retract	
J		Relief Valve Primary Boom Down	
K		Relief Valve Secondary Boom Down	

505.1 Function Manifold



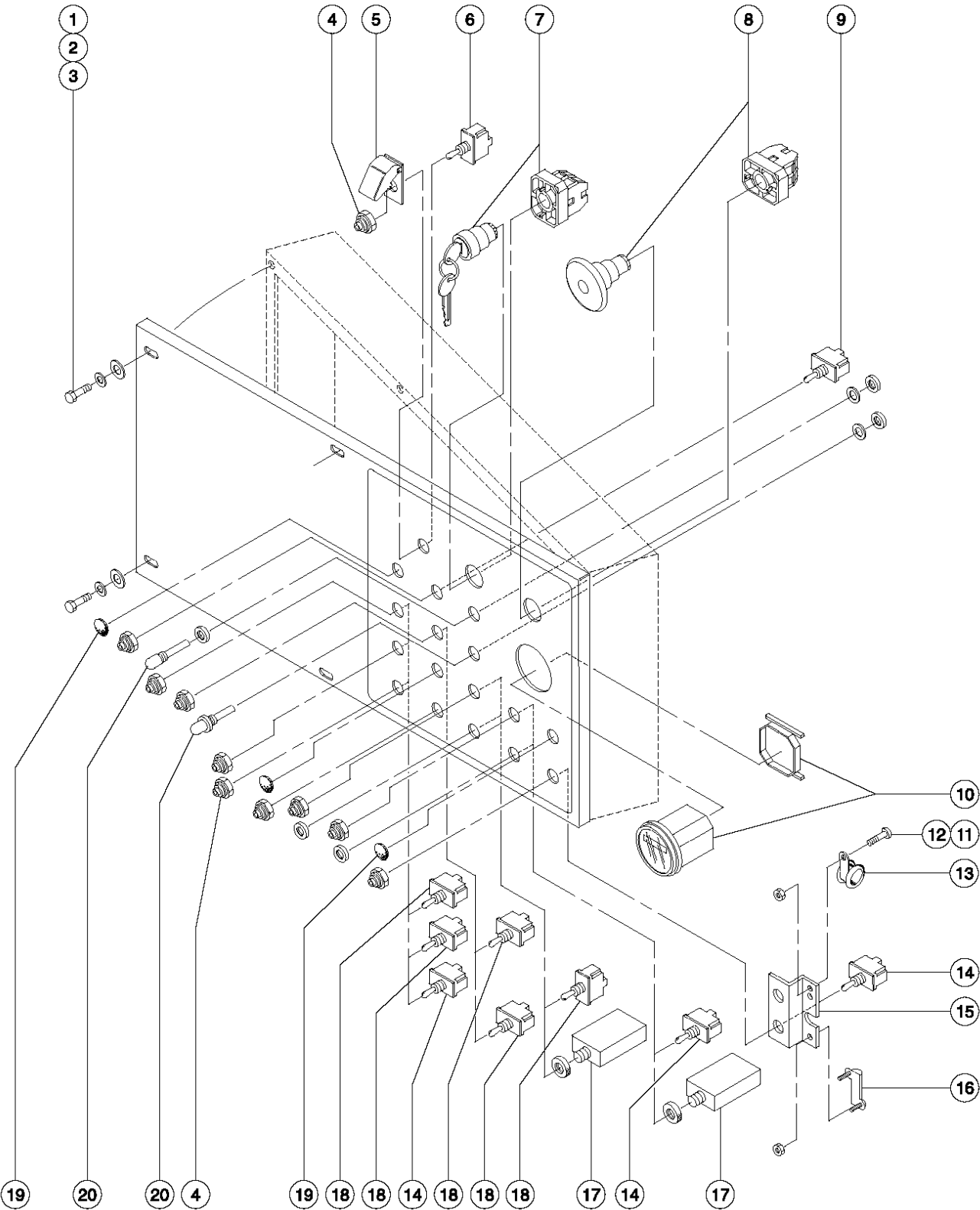
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
L		Proportional Solenoid Valve Boom Up/Down	
M		Flow Regulator, 0.1 gpm Differential Sensing Circuit	
N		Normally Closed Solenoid Valve Platform Level Circuit	
O		Proportional Solenoid Valve Turntable Rotate and Boom Extend/Retract	
P		Flow Regulator, 0.6 gpm Platform Level Circuit	
Q		Differential Sensing Valve All Functions	
R		Flow Regulator, 0.5 gpm Platform Rotate Circuit	
S		Flow Regulator, 0.1 gpm Differential Sensing Circuit	
T		Diagnostic Fitting Testing	
U		Relief Valve System	
V		Flow Regulator, 1.5 gpm Steer Circuit	
W		Check Valve Differential Sensing Circuit, Platform Rotate	
X		Check Valve Differential Sensing Circuit, Platform Rotate	
Y		Check Valve Differential Sensing Circuit, Platform Level	
Z		Check Valve Differential Sensing Circuit, Turntable Rotate and Boom Extend/Retract	
AA		Check Valve Differential Sensing Circuit, Secondary Boom Up/Down and Primary Boom Up/Down	
BB		Flow Regulator, 0.1 gpm Differential Sensing Circuit	

506.1 Ground Controls - View 1



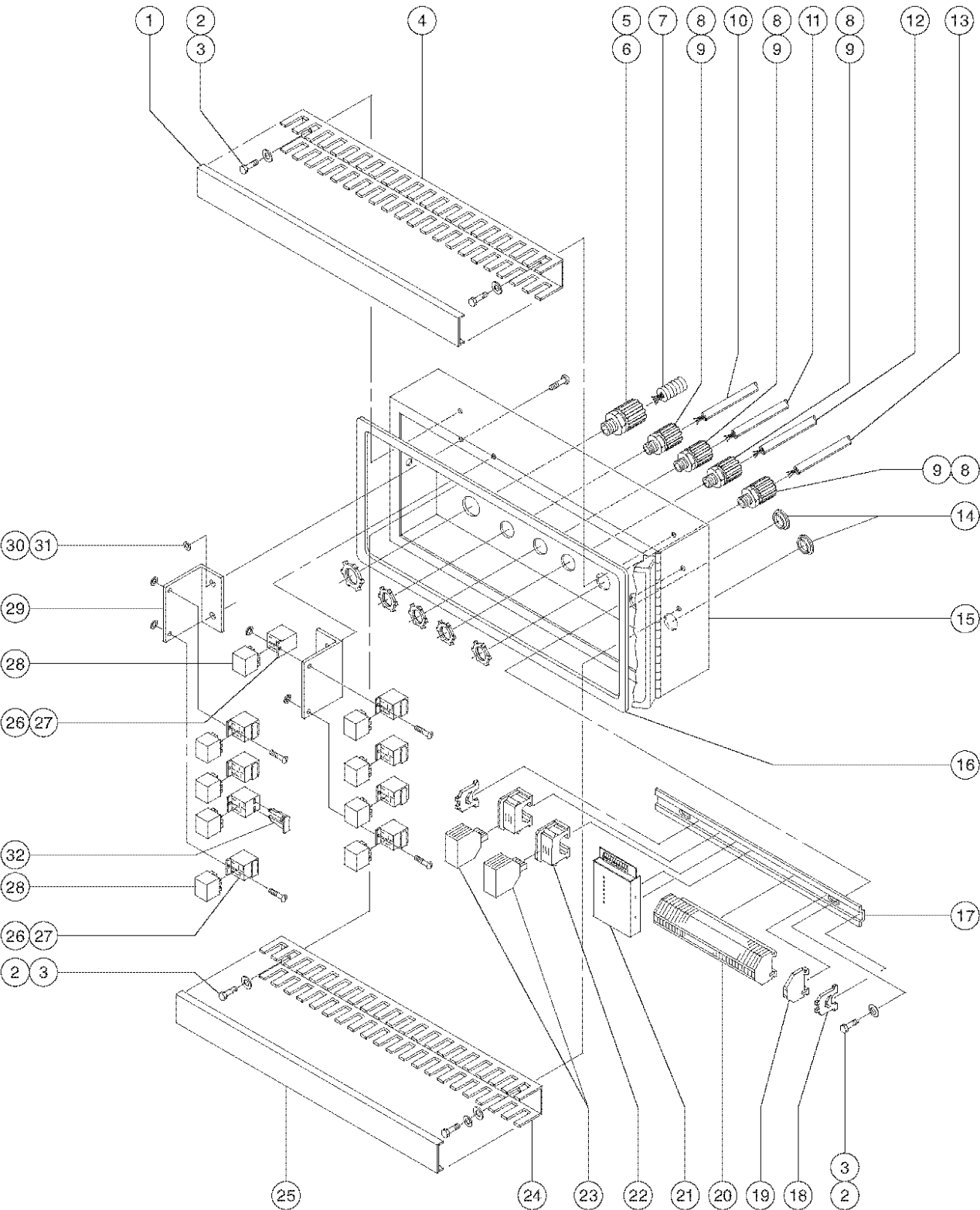
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	4
2	6356GT	WASHER, LOCK, .25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	27246GT	BOOT, TOGGLE SWITCH, SHORT*	10
5	13471GT	COVER, AUXILIARY POWER SWITCH	1
6	13480-SGT	SWITCH, TOGGLE, DPDT, 2POS MOMEN includes mounting fasteners	1
7	122512GT	KIT, KEYSWITCH SVC BB & SM BOOM (ANSI models)	1
7-	122606GT	KIT, KEYSWITCH SVC BB&SM CE (CE models)	
7-	66811GT	KEYSWITCH, 3POS. MNTND. DR WKEY** includes keyswitch and two keys, not included: base and contacts.	1
7-	21982GT	KEY, SINGLE***	1
7-	37947GT	KEYS, 10 PACK***	1
7-	66821GT	BASE, WITHOUT CONTACTS	1
7-	66816GT	CONTACT, N.O.***	1
8	122514GT	KIT, ESTOP SVC BB&SM BOOM	1
8-	66812GT	BUTTON, PUSH, RED MUSHROOM HEAD	1
8-	66821GT	BASE, WITHOUT CONTACTS	1
8-	66818GT	CONTACT, NC	1
9	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT (replaced 27378-S)	1
10	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
11	5094GT	SCREW, RHM, 10-32 X .5	1
12	6178GT	NUT, NYLOCK, 10-32	1
13	13268GT	CLAMP, 0.75, #12 X 1/4, RUB CUSH	1
14	13037-SGT	SWITCH, TOGGLE, SPDT, 3POS MOMEN* includes mounting fasteners	3
15	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	1
16	27287GT	RESISTOR, 10 OHM, 25 WATT	1
17	147094GT	ASSY, CIRCUIT BREAKER 15A includes mounting fasteners	2
18	16397-SGT	SWITCH, TOGGLE, DPDT, 3POS MOMEN includes mounting fasteners	5
19	45384GT	PLUG, NYLON .50 BLACK DOMED Quantity listed may not reflect specific model configuration requirements.	3

506.1 Ground Controls - View 1



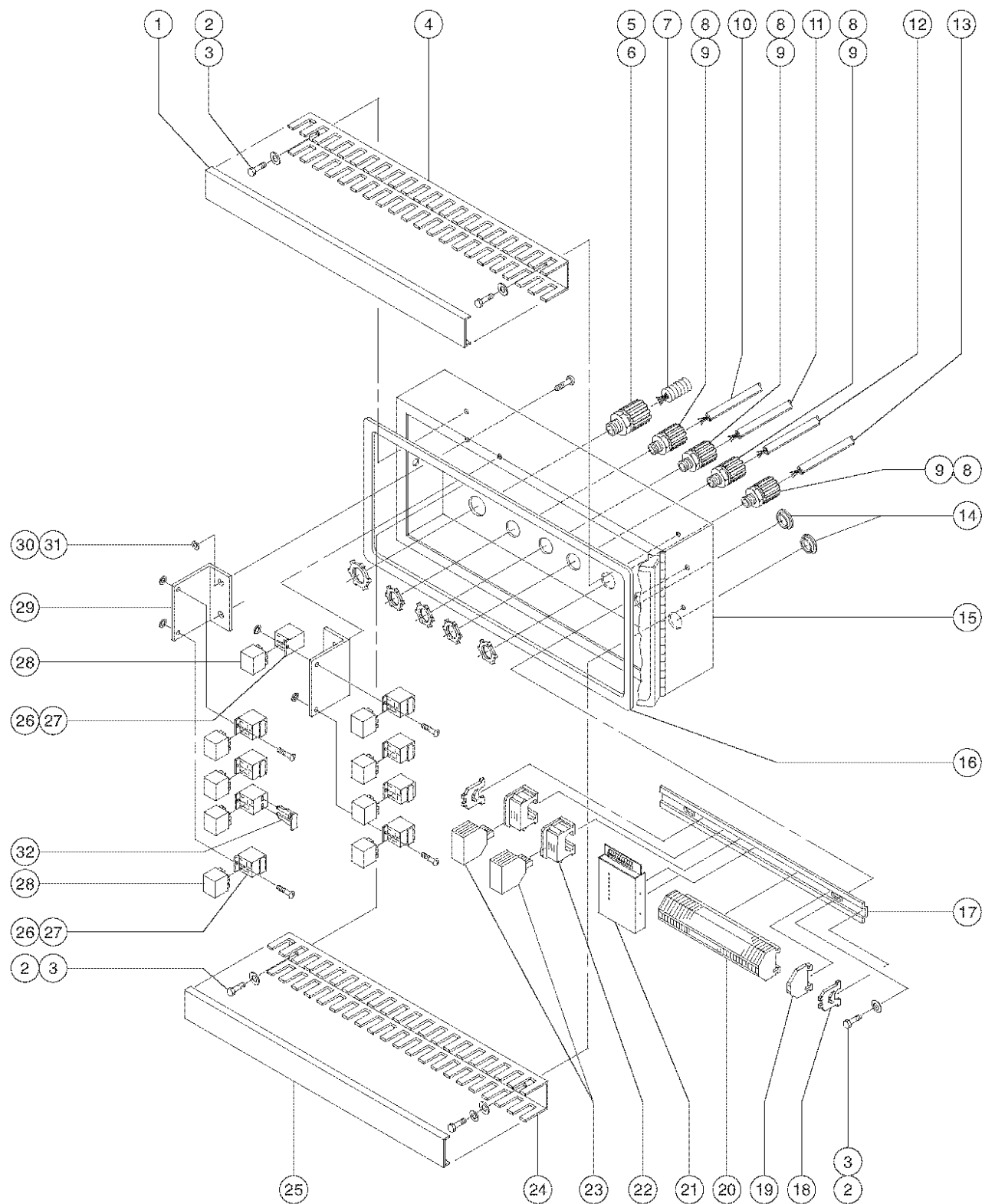
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
20	824879GT	LIGHT,LED IND. RED 12V NH	2

507.1 Ground Controls - View 2



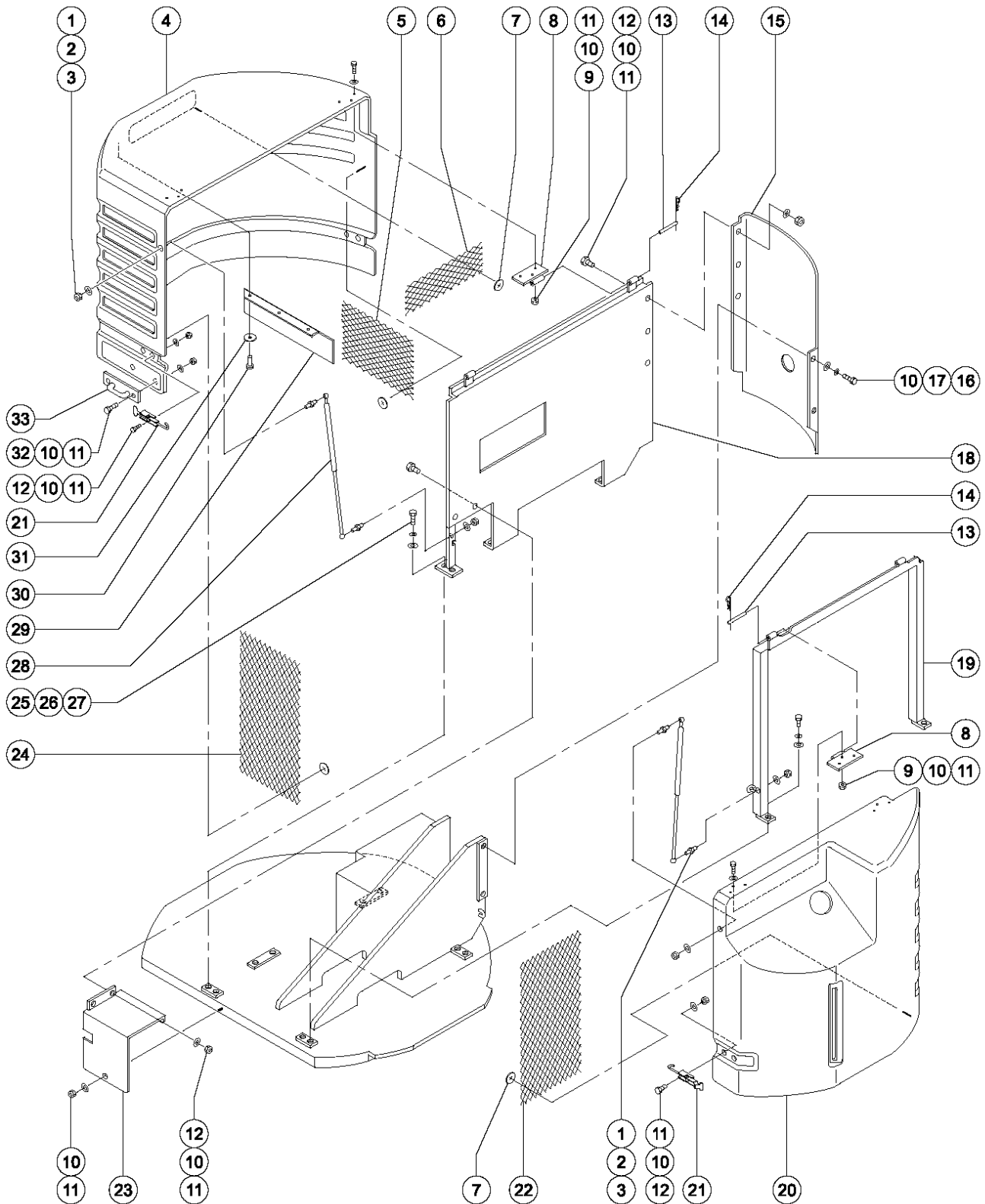
Item	Part No.	Description	Qty.
1	1262218GT	COVER, DUCT, WIRING replaced 28299	1
2	8914GT	SCREW,HHC,1/4-20 X .625	6
3	6356GT	WASHER,LOCK,.25	6
4	28298GT	WIRING DUCT, 1.5 X 1.5	24
5	20776GT	CABLE SQUEEZE CONN.	1
6	18665GT	LOCKNUT,ELECTRIC,1" NPT	1
7		Ref. Wire Harness (consult factory) serial number and engine model required before ordering	1
8	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	4
9	14041GT	LOCKNUT,ELECTRIC,3/4"	4
10	34886GT	HARNESS,WIRE,MANIFOLD ASSY.	1
11	35934GT	WIRE CABLE,18/19 CON.TPRJKT	780
12	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL	780
13	35934GT	WIRE CABLE,18/19 CON.TPRJKT	780
14	45384GT	PLUG,NYLON .50 BLACK DOMED	2
15	52355GT	GRND CNTL BOX-Z45 LRG/DEUTZ	1
		includes index number 16	
16	28689GT	GASKET,GROUND CONTROL BOX	1
17	33422GT	DIN RAIL,17"	1
18	25974GT	PLASTIC END STOP	2
19	25837GT	TERMINAL STRIP END PLATE	1
20	25836GT	TERMINAL BLOCK(SINGLE),WAGO***	45
20	56445GT	DIODE,6 AMP 200 PIV,REEL	
21	56057GT	MODULE,IGNITION/START,12/24V	1
22	25808GT	CARRIER TERMINAL(5 PER BLOCK)	2
23	25807GT	DIODE BLOCK SUPPRESSION	2
24	28298GT	WIRING DUCT, 1.5 X 1.5	21
25	1262218GT	COVER, DUCT, WIRING replaced 28299	1
26	34053GT	ASSY,RELAY SOCKET, AUTO Gasoline/LPG models with oscillating axle. Quantity listed may not reflect specific model configuration requirements.	12

507.1 Ground Controls - View 2



Item	Part No.	Description	Qty.
26	34053GT	ASSY,RELAY SOCKET, AUTO Gasoline/LPG models without oscillating axle. Quantity listed may not reflect specific model configuration requirements.	8
26	34053GT	ASSY,RELAY SOCKET, AUTO Deutz Diesel models with oscillating axle. Quantity listed may not reflect specific model configuration requirements.	9
26	34503GT	COVER,PROTECTIVE,SLAVE W/JIB Deutz Diesel models without oscillating axle. Quantity listed may not reflect specific model configuration requirements.	5
27	34054GT	TERM,RELAY N-INSULATED 10-12 G Quantity listed may not reflect specific model configuration requirements.	50
27	34055GT	TERM RELAY,N-INSULATE 14-16 GA Quantity listed may not reflect specific model configuration requirements.	50
27	34056GT	TERM,RELAY,N-INSULATE 18-20 GA Quantity listed may not reflect specific model configuration requirements.	50
28	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Gasoline/LPG models with oscillating axle. Quantity listed may not reflect specific model configuration requirements.	10
28	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Gasoline/LPG models without oscillating axle. Quantity listed may not reflect specific model configuration requirements.	7
28	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Deutz Diesel models with oscillating axle. Quantity listed may not reflect specific model configuration requirements.	8
28	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Deutz Diesel models without oscillating axle. Quantity listed may not reflect specific model configuration requirements.	5
29	34057GT	ANGLE,RELAY MOUNTING models with oscillating axle	2
29	34057GT	ANGLE,RELAY MOUNTING models without oscillating axle	1
30	6356GT	WASHER,LOCK,.25 Quantity listed may not reflect specific model configuration requirements.	5
31	8914GT	SCREW,HHC,1/4-20 X .625 Quantity listed may not reflect specific model configuration requirements.	5
32		RELAY SOCKET,AUTO,RETAINER*** component of 34053. gasoline/LPG models with oscillating axle. Quantity listed may not reflect specific model configuration requirements.	12
32		RELAY SOCKET,AUTO,RETAINER*** component of 34053. gasoline/LPG models without oscillating axle. Quantity listed may not reflect specific model configuration requirements.	8
32		RELAY SOCKET,AUTO,RETAINER*** component of 34053. deutz Diesel models with oscillating axle. Quantity listed may not reflect specific model configuration requirements.	9
32		RELAY SOCKET,AUTO,RETAINER*** component of 34053. deutz Diesel models without oscillating axle. Quantity listed may not reflect specific model configuration requirements.	5

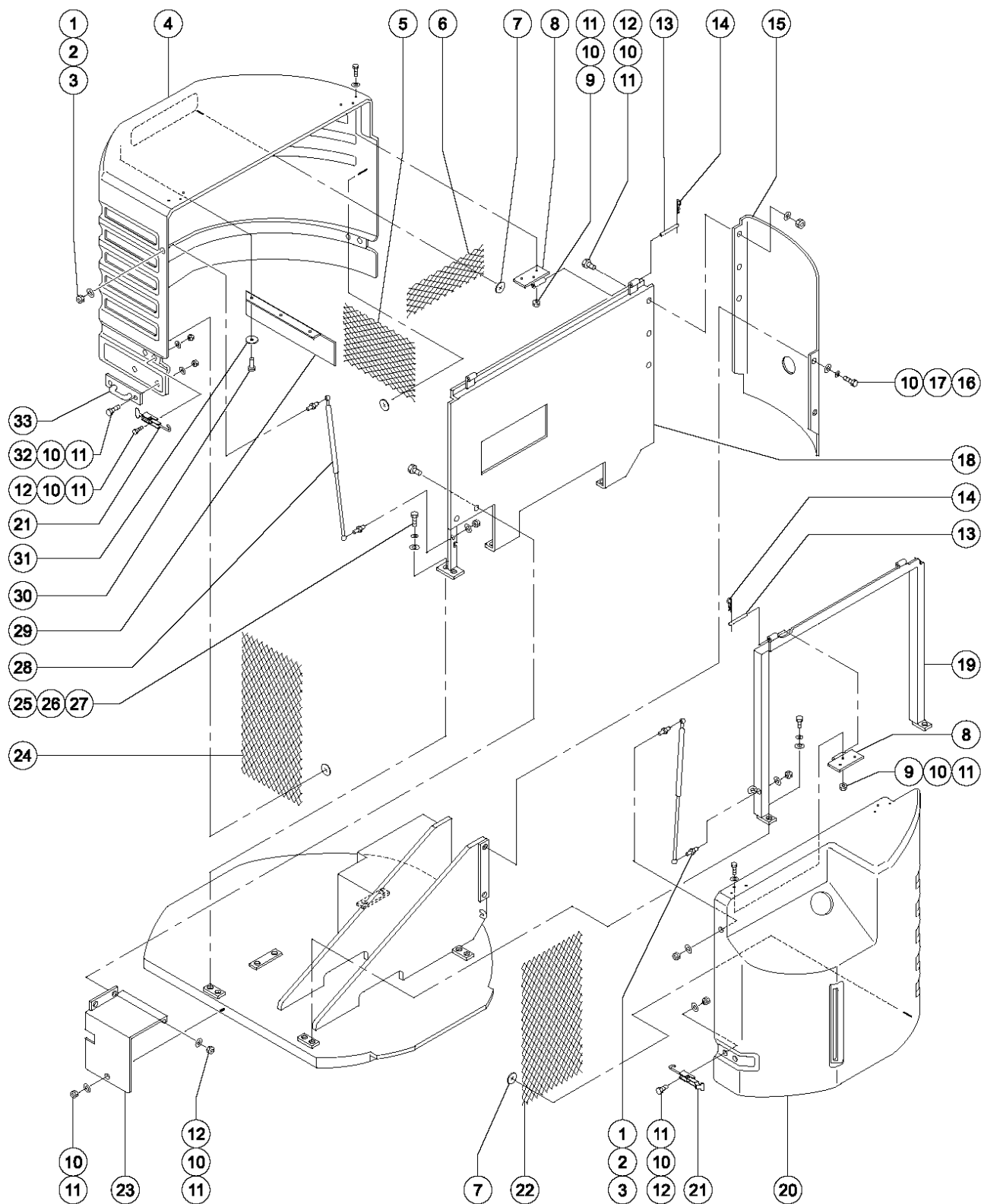
508.1 Turntable Covers - Gasoline/LPG models



508.1 Turntable Covers - Gasoline/LPG models

Item	Part No.	Description	Qty.
1	4828GT	NUT,NYLOCK,3/8-16	4
2	6097GT	WASHER,FLAT,USS,3/8",Y	4
3	27114GT	BALL STUD,1/2" BALL,3/8-16X1.2	4
4	52450GT	COVER ASSY-L.S./Z45 FORD GAS includes index numbers 1 through 3, 5 through 12, 21, 24, 29 through 33	1
5	48501GT	SCREEN,Z45IC COVER,18 X 19.5%%	1
6	48499GT	SCREEN,Z45 IC COVER, 6 X 21%%	1
7	29543GT	WASHER,SELF-LOCK METAL	23
8	29541GT	COVER PIVOT BRACKET WELD,LH	2
8	29516GT	COVER PIVOT BRACKET WELDMENT	2
9	6145GT	SCREW,HHC,1/4-20 X 1.5	12
10	6638GT	WASHER, FLAT, USS, 1/4"Y	38
11	6091GT	NUT, NYLOCK, 1/4-20	28
12	6090GT	SCREW, HHC, 1/4-20 X .75	13
13	35465GT	PIN,CLEVIS,.50 X 4.50 LG.	4
14	21253GT	CLIP, HAIR PIN, .125 X 2	4
15	28143GT	COVER ASSY,REAR,Z45 (91)	1
16	8914GT	SCREW,HHC,1/4-20 X .625	2
17	6356GT	WASHER,LOCK,.25	2
18	27129GT	COVER SUPPORT WELDMENT,LH	1
19	27137GT	COVER SUPPORT WELDMENT,RH	1
20	28051GT	COVER ASSY,R.S.,Z45 (91) includes index numbers 1 through 3, 7 through 12, 21 and 22	1
21	27126GT	LATCH,DRAW,ADJUSTABLE	4
22	48500GT	SCREEN,Z45 IC COVER, 12 X 22.5	1
23	27274PGT	COVER,LIFT MANIFOLD,PAINTED	1
24	34244GT	SCREEN,Z45 COVER%%	1
25	8255GT	SCREW,HHC,3/8-16 X .75	10
26	6021GT	WASHER,LOCK,.375	10
27	5397GT	WASHER,FLAT,USS,5/16",Y	10

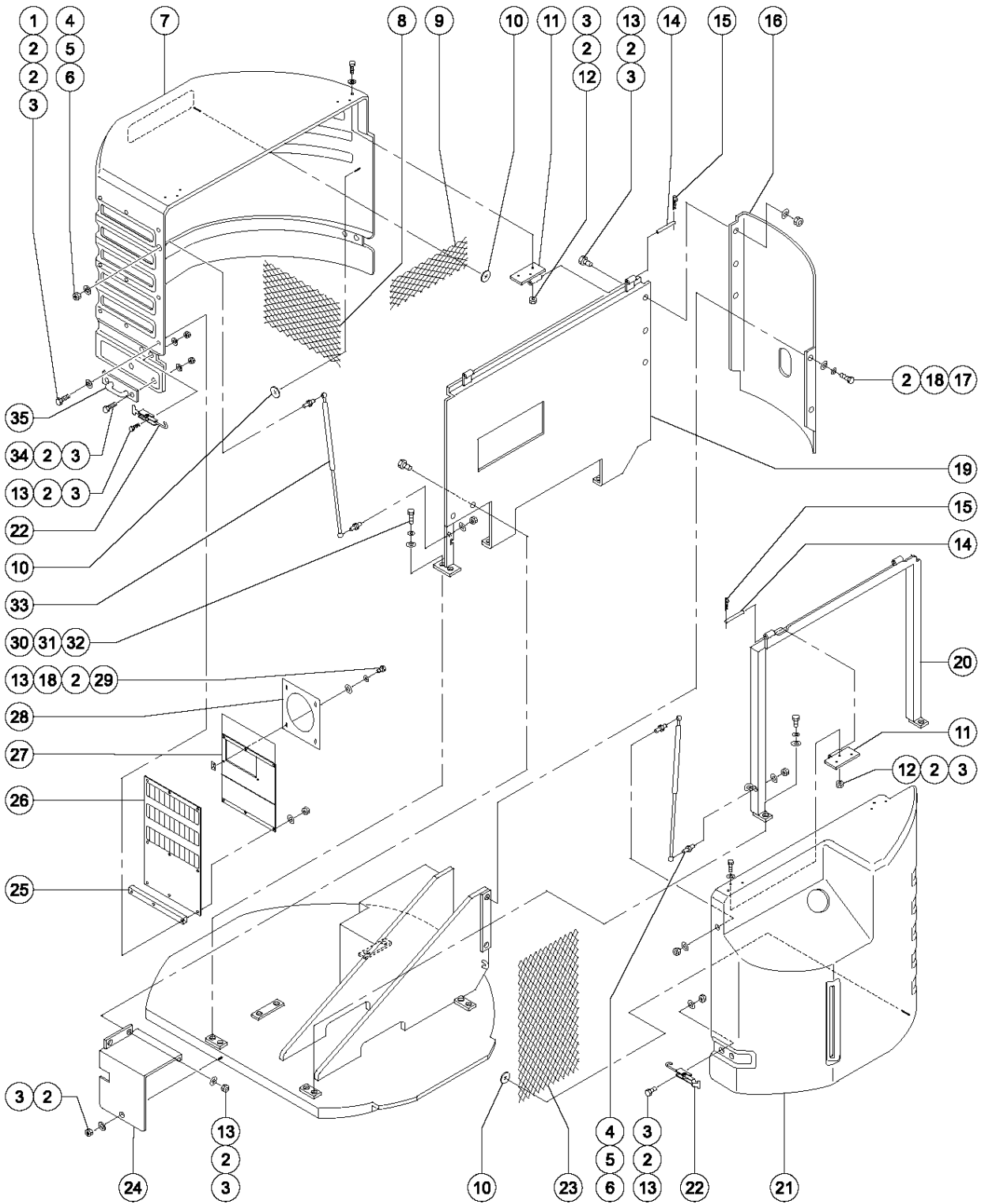
508.1 Turntable Covers - Gasoline/LPG models



508.1 Turntable Covers - Gasoline/LPG models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
28	83151GT	GAS STRUT***	2
28	27377GT	RETAINER,GAS SPRING***	2
29	27646PGT	BAFFLE,RADIATOR MNT-PAINTED	1
30	20395GT	#10 X 1.50 PHTS-SQ.DRIVE SCREW	3
31	12906GT	WASHER,FENDER,.25 X 1.25 X.062	3
32	8915GT	SCREW,HHC,1/4-20 X 1.25	2
33	18651PGT	HANDLE WELDMENT,PAINTED	1

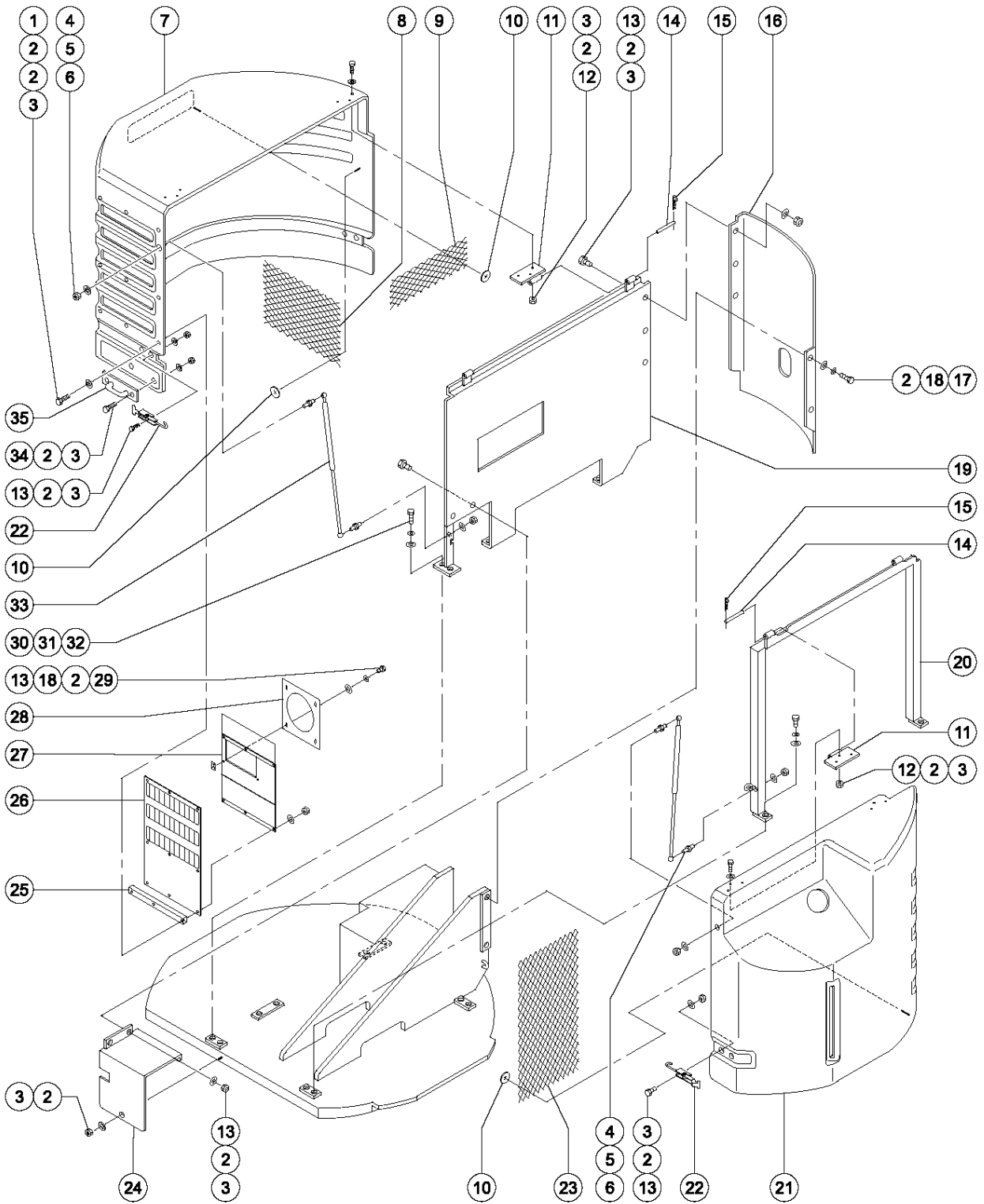
509.1 Turntable Covers - Diesel models



509.1 Turntable Covers - Diesel models

Item	Part No.	Description	Qty.
1	4266GT	SCREW,HHC,1/4-20 X 2	9
2	6638GT	WASHER, FLAT, USS, 1/4"Y	47
3	6091GT	NUT, NYLOCK, 1/4-20	37
4	4828GT	NUT,NYLOCK,3/8-16	4
5	6097GT	WASHER,FLAT,USS,3/8",Y	4
6	27114GT	BALL STUD,1/2" BALL,3/8-16X1.2	4
7	52449GT	COVER ASSY-L.S./Z45-D.D.** includes index numbers 2 through 6, 8 through 13, 22, 34, and 35	1
8	48501GT	SCREEN,Z45IC COVER,18 X 19.5%%	1
9	48499GT	SCREEN,Z45 IC COVER, 6 X 21%%	1
10	29543GT	WASHER,SELF-LOCK METAL	15
11	29541GT	COVER PIVOT BRACKET WELD,LH	2
11	29516GT	COVER PIVOT BRACKET WELDMENT	2
12	6145GT	SCREW,HHC,1/4-20 X 1.5	12
13	6090GT	SCREW, HHC, 1/4-20 X .75	17
14	35465GT	PIN,CLEVIS,.50 X 4.50 LG.	4
15	21253GT	CLIP, HAIR PIN, .125 X 2	4
16	28143GT	COVER ASSY,REAR,Z45 (91)	1
17	8914GT	SCREW,HHC,1/4-20 X .625	2
18	6356GT	WASHER,LOCK,.25	6
19	27129GT	COVER SUPPORT WELDMENT,LH	1
20	27137GT	COVER SUPPORT WELDMENT,RH	1
21	28051GT	COVER ASSY,R.S.,Z45 (91) includes index numbers 2 through 6, 10 through 13, 22 and 23	1
22	27126GT	LATCH,DRAW,ADJUSTABLE	4
23	48500GT	SCREEN,Z45 IC COVER, 12 X 22.5	1
24	27274PGT	COVER,LIFT MANIFOLD,PAINTED	1
25	33211GT	TUBE,AIR INTAKE SPACER	3
26	33182PGT	PLATE,INTAKE GRILL,PAINTEDGRAY	1
27	33179PGT	DUCT,AIR INTAKE,PAINTED	1

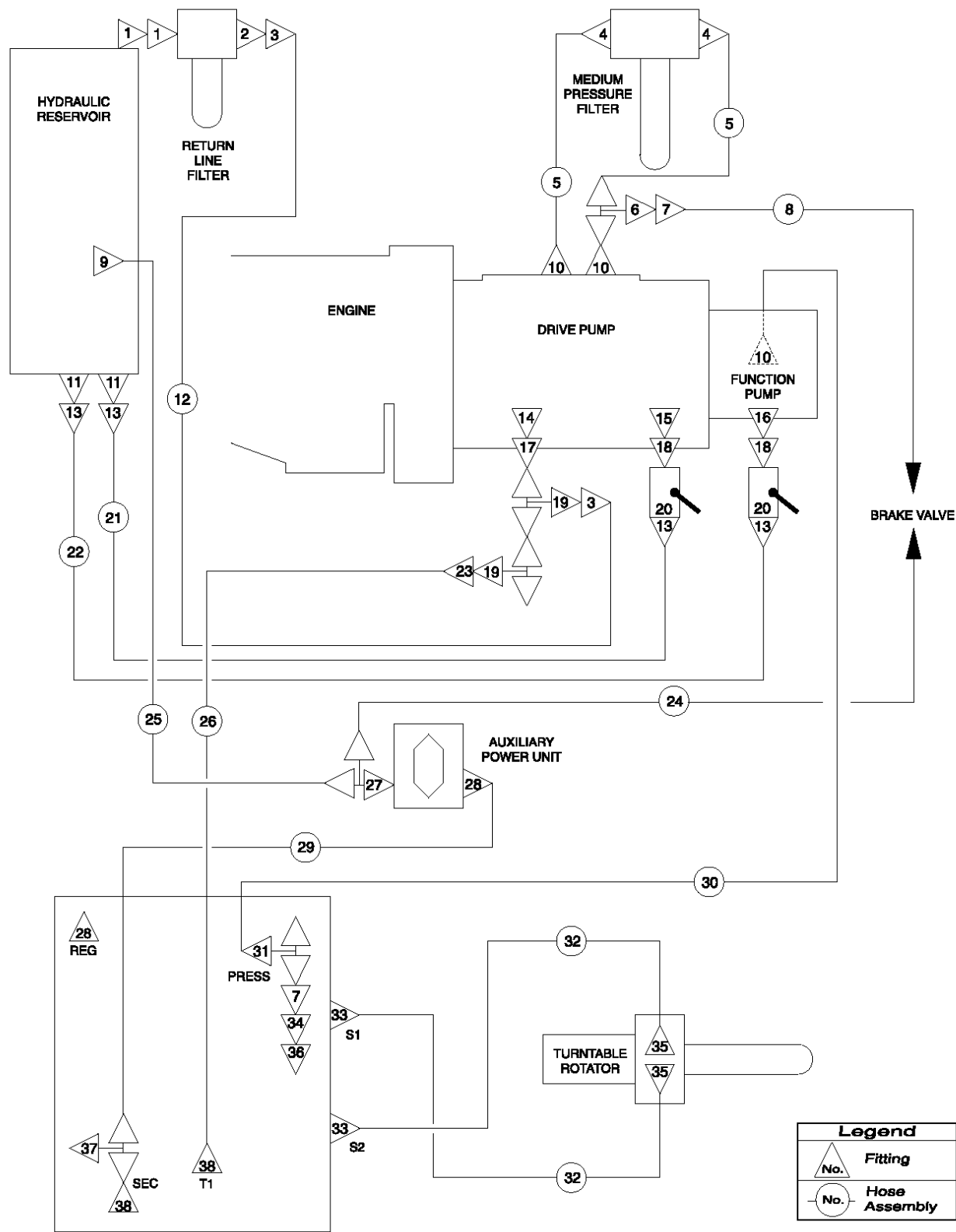
509.1 Turntable Covers - Diesel models



509.1 Turntable Covers - Diesel models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
28	33236PGT	PLATE,AIR INTAKE ADAPTER,PAINT	1
29	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
30	8255GT	SCREW,HHC,3/8-16 X .75	10
31	6021GT	WASHER,LOCK,.375	10
32	5397GT	WASHER,FLAT,USS,5/16",Y	10
33	83151GT	GAS STRUT***	2
33	27377GT	RETAINER,GAS SPRING***	2
34	8915GT	SCREW,HHC,1/4-20 X 1.25	2
35	18651PGT	HANDLE WELDMENT,PAINTED	1

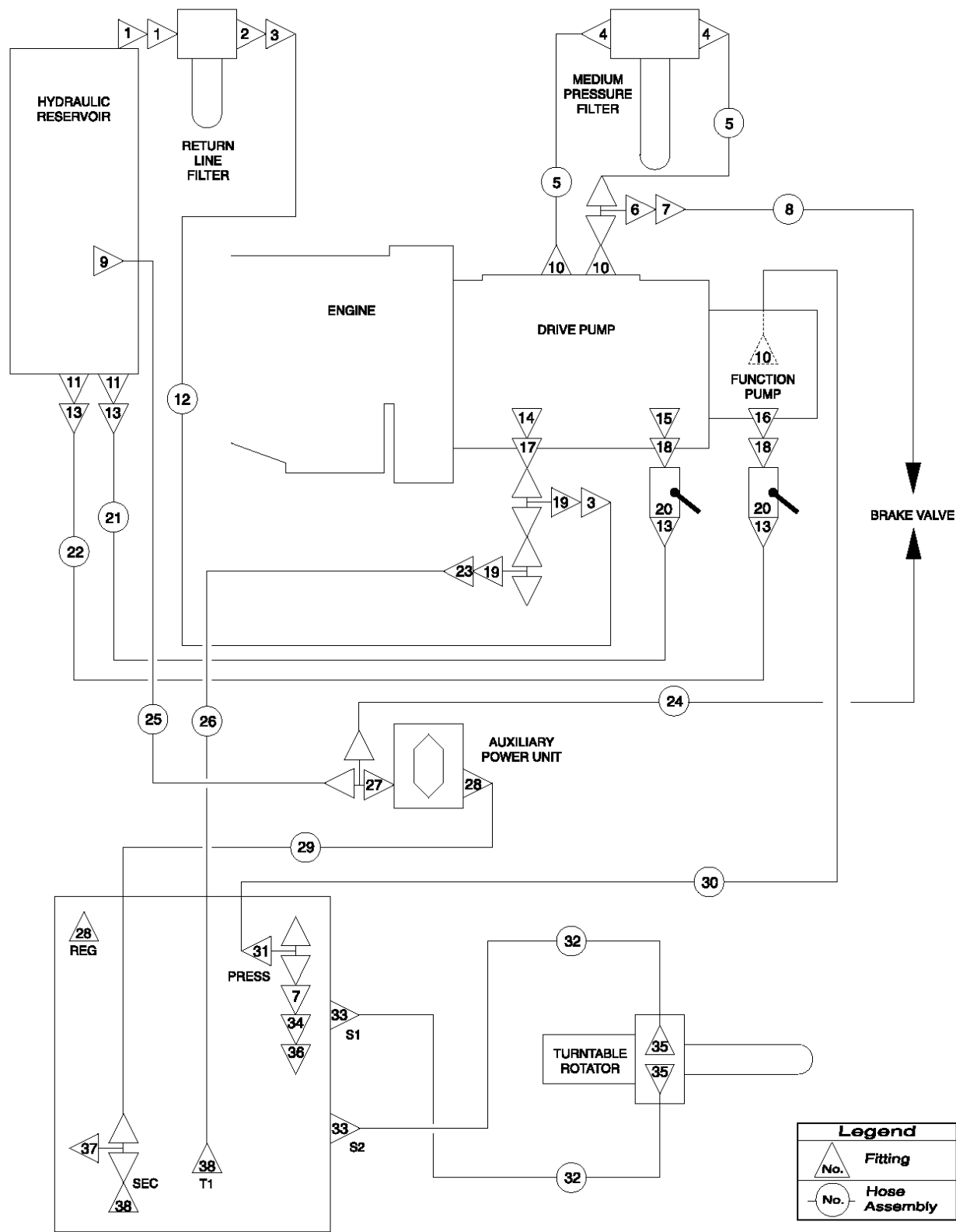
510.1 Hydraulic Hoses and Fittings - Turntable Components



510.1 Hydraulic Hoses and Fittings - Turntable Components

Item	Part No.	Description	Qty.
1	27193GT	ELBOW,140239-16-16	2
2	27202GT	ELBOW,070202-12-16	1
3	45170GT	HOSE END,BARBED,SWIVEL,-12-12	2
4	19685GT	ELBOW,070220-10-12	2
5	42463GT	Hose Assembly - Components: @ 13.75 inches (35 cm) Hose End - Female 90° JIC Swivel, 8-8 (Weatherhead 08U-668), Hose End - Female JIC Swivel, 8-10 (Weatherhead 08U-610) and Hose, 1/2 inch Neoprene High Pressure (Weatherhead H24508)	2
6	21252GT	TEE,RUN,070432-8	1
7	45361GT	REDUCER,070123-8-6	2
8	35239GT	HOSE ASSY.DRV.PUMP TO BRK.VALV Hose End - Female 90° JIC Swivel, 4-6 (Synflex 3903-04646), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-04546) and Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
9	27577GT	CONNECTOR,070102-8-8	1
10	22665GT	CONNECTOR,070120-8-10	3
11	27191GT	ELBOW,140339-16-16	2
12	28014GT	HOSE ASSY.DRV.PUMP RTN/RESERV Hose, 3/4 inch Neoprene Low Pressure (Weatherhead H20112)	1
13	45166GT	HOSE END,BARBED RIGID-16-16	4
14	19687GT	CONNECTOR,070120-12-12	1
15	20793GT	ELBOW,070220-16-16	1
16	20332GT	ELBOW,070220-12-16	1
17	21246GT	ELBOW,070221-12-12	1
18	27189GT	ADAPTER,JIC SWIVEL/MALE PIPE	2
19	20326GT	TEE,RUN,070432-12	2
20	25651GT	VALVE,BRASS BALL,1" FPT	1
21	28015GT	HOSE,46",1"SAE 100R4 Hose, 1 inch Neoprene Low Pressure (Weatherhead H03916)	1
22	28011GT	HOSE,48",1"SAE 100R4 Hose, 1 inch Neoprene Low Pressure (Weatherhead H03916)	1
23	20325GT	REDUCER,070123-12-8	1
24	35240GT	HOSE ASSY,BRK.VALV.TO FUNC.MAN Hose End - Female JIC Swivel, 6-6 (Weatherhead 06U-606), Hose End - Female 90° JIC Swivel, 6-6 (Weatherhead 06U-666) and Hose, 3/8 inch Neoprene High Pressure (Weatherhead H14506)	1
25	28016GT	HOSE ASSY,RESERV.TO AUX.P.U. Hose End - Female 90° JIC Swivel, 6-6 (Weatherhead 06U-666), Hose End - Female JIC Swivel, 6-8 (Weatherhead 06U-608) and Hose, 3/8 inch Neoprene High Pressure (Weatherhead H14506)	1

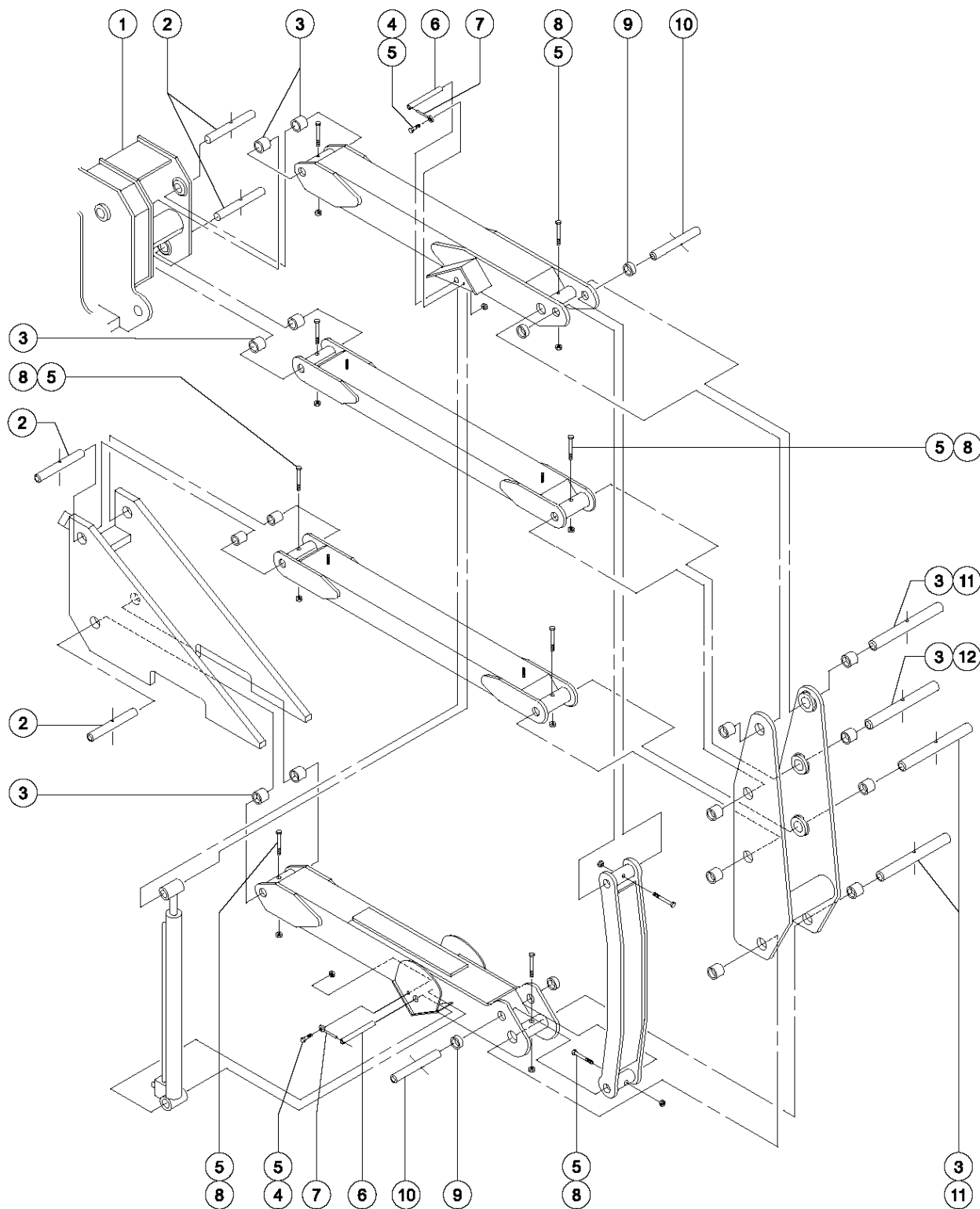
510.1 Hydraulic Hoses and Fittings - Turntable Components



510.1 Hydraulic Hoses and Fittings - Turntable Components

Item	Part No.	Description	Qty.
26	28012GT	HOSE ASSY,FUNT.MNFLD.RET-PUMP Hose End - Female 90° JIC Swivel, 6-6 (Synflex 3903-06646), Hose End - Female JIC Swivel, 6-8 (Synflex 3903-06548) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
27	13119GT	TEE,RUN,070428-6-6	1
28	13120GT	ELBOW,070220-6-6	2
29	28013GT	HOSE ASSY,AUX.P.U.-FUNCT.MNFLD Hose End - Female JIC Swivel, 6-6 (Weatherhead 06U-606), Hose End - Female 90° JIC Swivel, 6-6 (Weatherhead 06U-666) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
30	28017GT	HOSE ASSY,FNCT.PUMP-FNCT.MNFLD Hose End - Female JIC Swivel, 6-8 (Synflex 3903-06548), Hose End - Female 90° JIC Swivel, 6-8 (Synflex 3903-06648) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
31	20334GT	TEE,RUN,070428-8	1
32	19136GT	HOSE ASSY-LFT.CYL.RTN. TO TANK Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) and Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	2
33	45412GT	CONNECTOR,070120-6-6	2
34	27934GT	ELBOW,90DEG.1/4MPT X 3/8 JIC	1
35	27421GT	ELBOW,070320-6-10	2
36	27933GT	QUICK DISCONNECT,DIAGN.NIPPLE	1
36	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
36	48880GT	CAP,DIAGNOSTIC NIPPLE	1
37	45366GT	TEE,RUN,070432-6-6	1
38	18687GT	CONNECTOR,070120-6-8	2

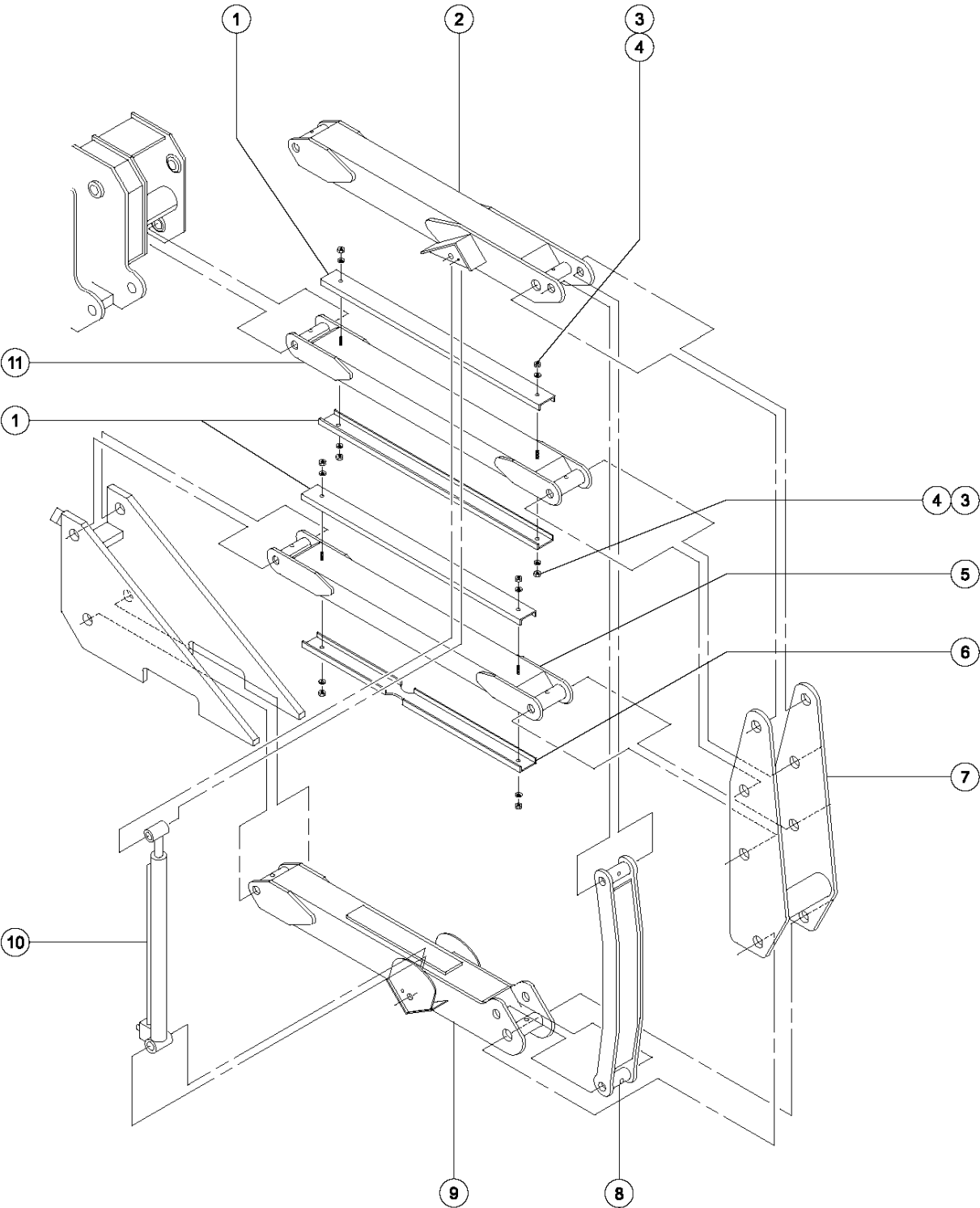
601.1 Secondary Boom - View 1



601.1 Secondary Boom - View 1

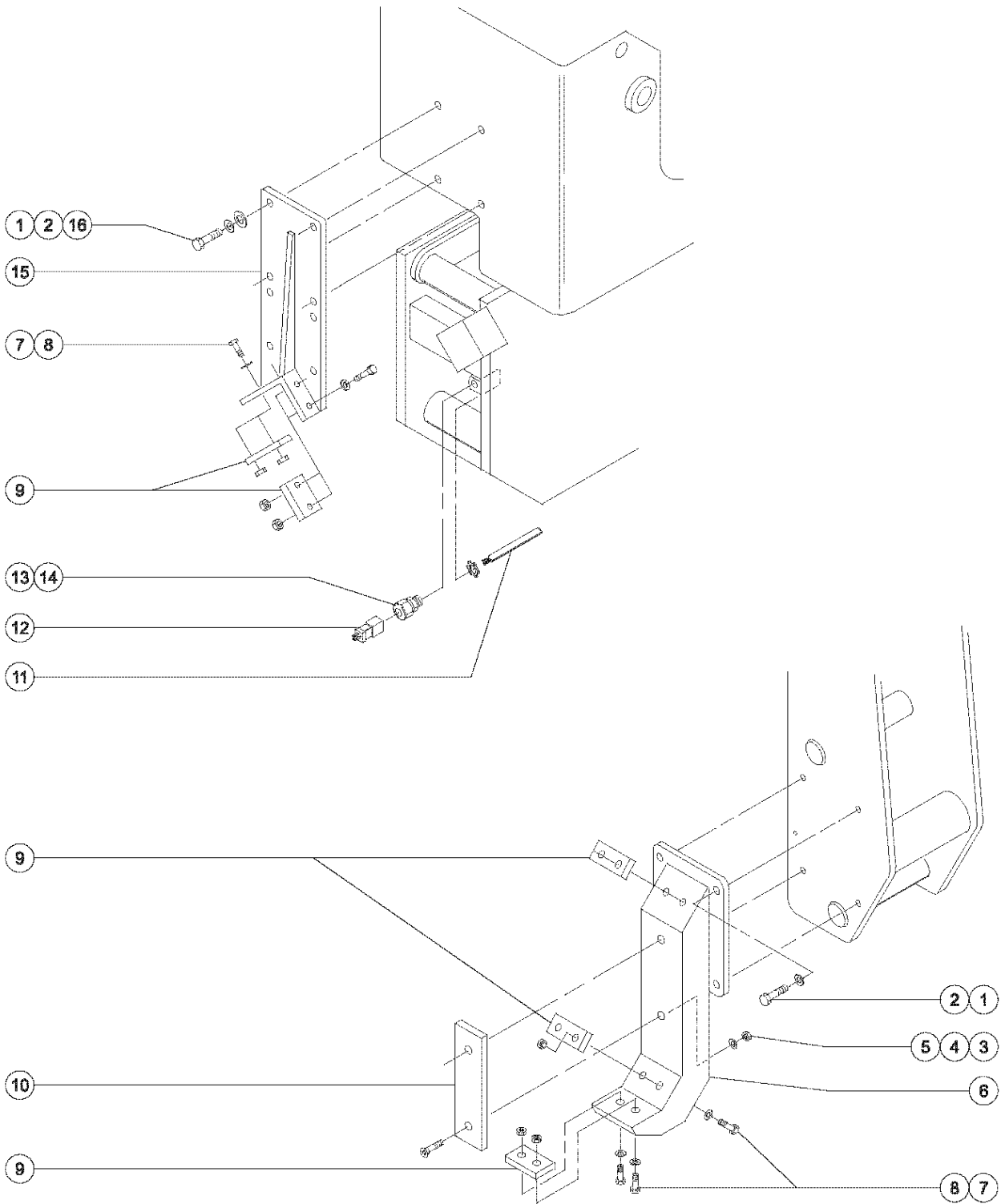
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	44805GT	UPPER MID-PIVOT,Z45 (W/DECALS) includes 6 each index number 3	1
2	25061GT	PIN,UPPER MID PIVOT,11 X 1.5"	4
3	45071GT	BEARING,1.5IDX1.75ODX1.5L	16
4	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
5	4828GT	NUT,NYLOCK,3/8-16	14
6	25063GT	PIN,ELEVATE CYLINDER	4
7	825019GT	ROD END, .375X3.69, ZAG	4
8	6326GT	SCREW,HHC,3/8-16 X 3	10
9	45268GT	BEARING,1.5ID X 1.75OD X .63L	4
10	25677GT	PIN,COMPRESSION LINK	2
11	25060GT	PIN,MID PIVOT,11 X 1.5 INCH	3
12	44282GT	PIN,MID PIVOT,11 X 1.5"	1

602.1 Secondary Boom - View 2



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	45392PGT	HOSE COVER-ELEVATE BOOM, BLUE	3
2	27553GT	UPPER SECONDARY BOOM ASSY,Z45	1
3	6091GT	NUT, NYLOCK, 1/4-20	8
4	6638GT	WASHER, FLAT, USS, 1/4"Y	8
5	45438PGT	TENSION LINK WELD,BOTTM-PAINTD	1
6	32987GT	HOSE COVER ASSEMBLY	1
7	44806GT	MID-PIVOT,LOWER W/DECLS Z45DC	1
8	45117GT	COMPRESSION LINK WELDMENT	1
9	27555GT	LOWER SECONDARY BOOM ASSY,Z45	1
10	31105GT	CYL,ELEVATE,2.5 X 29 (SUN)***	2
10	18471GT	SEAL KIT (CYL.PN# 45033,45034)	2
10	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	2
10	45070GT	BEARING,GARLOCK,16DU12	2
11	45118PGT	TENSION LINK WELDMT, TOP-PAINTD	1

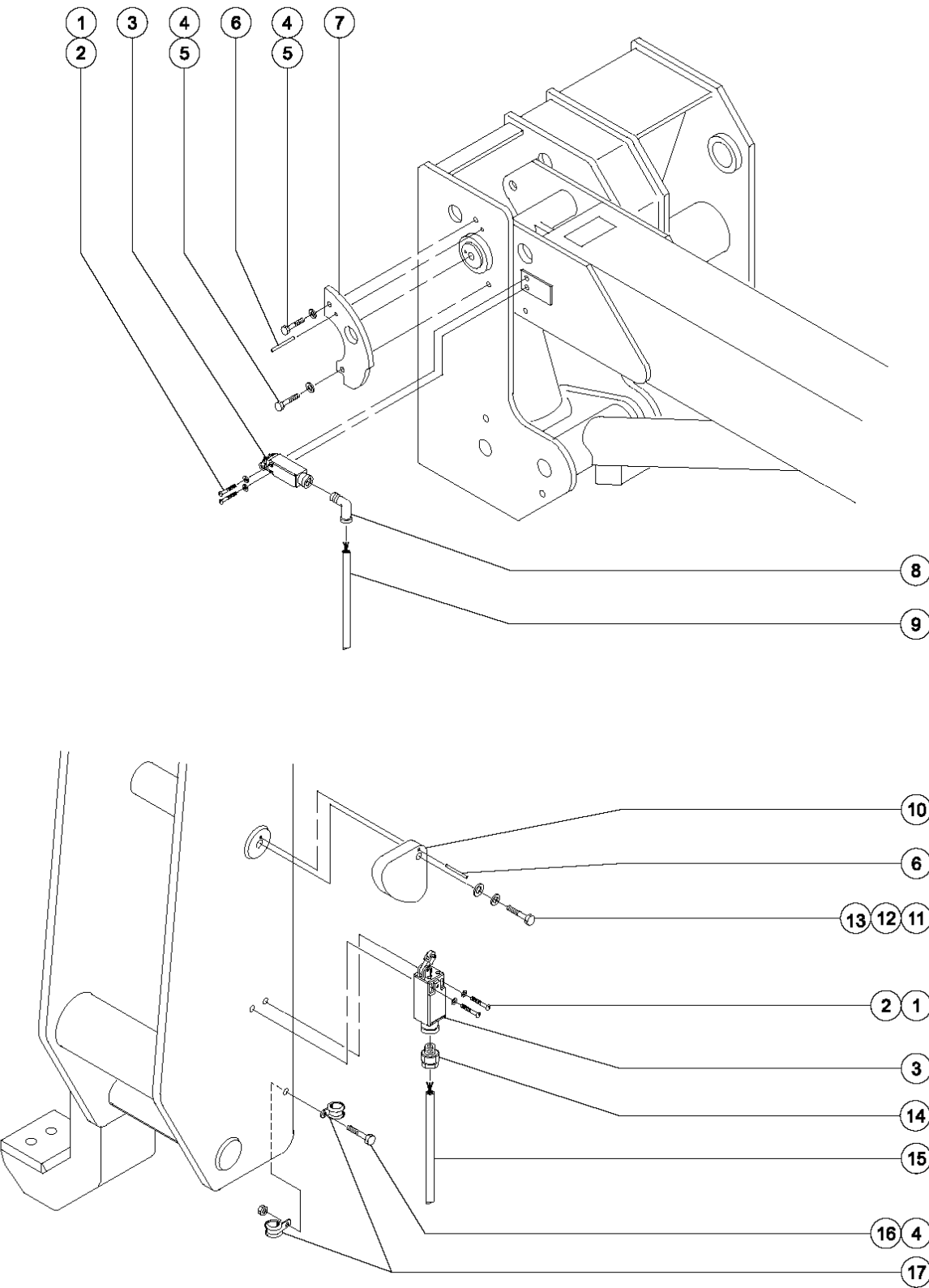
603.1 Boom Rests - Upper Mid-pivot and Primary Boom



603.1 Boom Rests - Upper Mid-pivot and Primary Boom

Item	Part No.	Description	Qty.
1	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	8
2	6033GT	WASHER,LOCK,0.5"	8
3	4828GT	NUT,NYLOCK,3/8-16	2
4	6097GT	WASHER,FLAT,USS,3/8",Y	2
5	17712GT	SCREW,FHS,3/8-16 X 1.75	2
6	28469GT	WELDMENT,PRIMARY BOOM REST	1
7	6090GT	SCREW, HHC, 1/4-20 X .75	10
8	6356GT	WASHER,LOCK,.25	10
9	45209GT	WEAR PAD,4X2X.5 W/INSERT*** includes 2 each of 1/4 -20 Plated Hex Nuts	5
10	25635GT	PAD,NYLON-12 X 2 X 0.625 INCH	1
11	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	744
12	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
12	144161GT	PLUG,POWER,UK,16AMP,3PIN	5
12	1280665GT	PLUG, TYPE F, 230V, 50HZ, 16A, IP44	5
13	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
14	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
15	28470GT	WELDMENT,UPPER PIVOT REST	1
16	6095GT	WASHER,FLAT,USS,1/2",Y	4

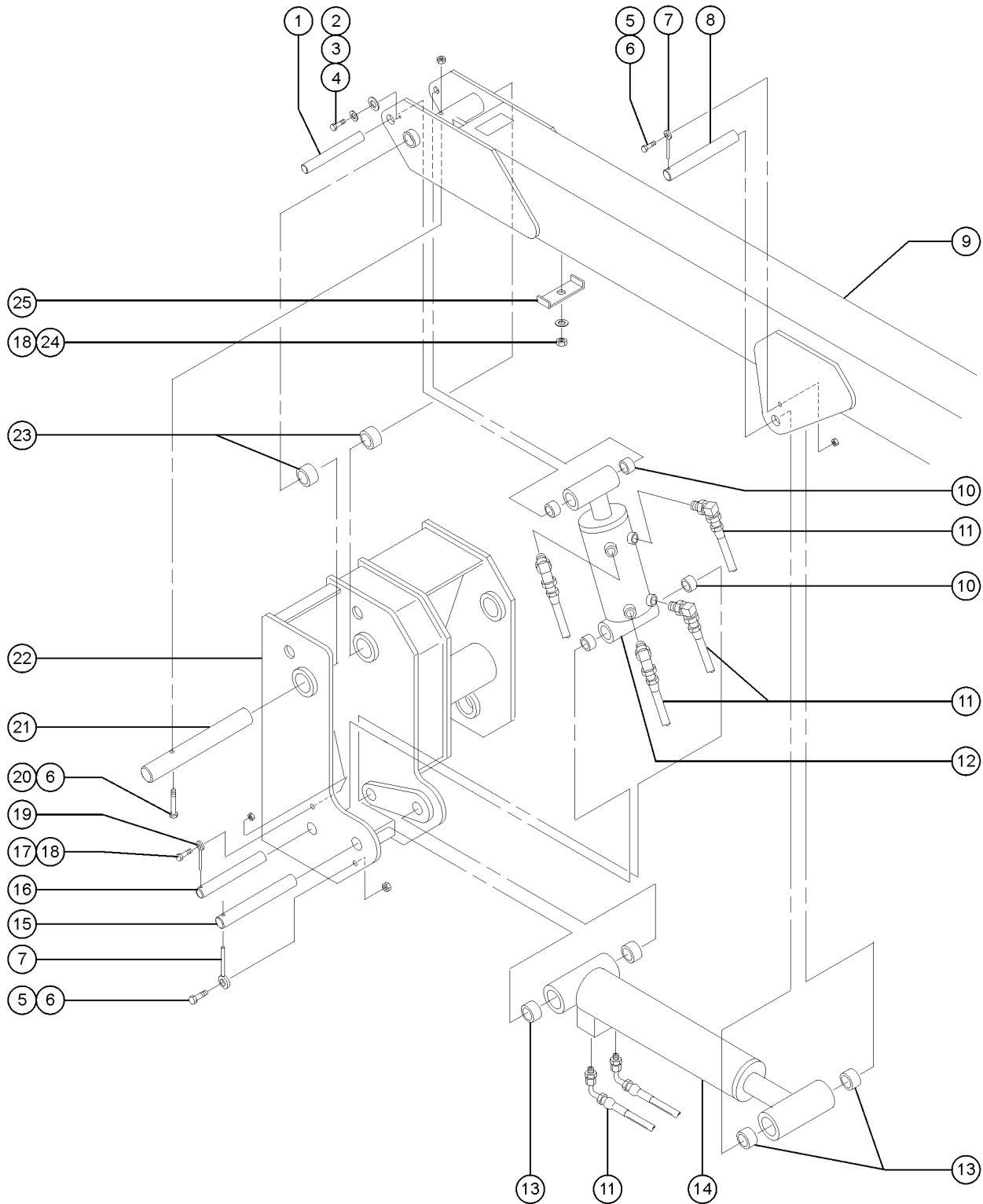
604.1 Boom Limit Switches



604.1 Boom Limit Switches

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	49821GT	SCREW,PHILLIPS,PHM,8-32 X 1.25	4
2	44936GT	WASHER,STAR,EXTERNAL,#8	4
3	44896GT	SWITCH,LIMIT,W/ROLLERARM	2
3	19491GT	CONTACTOR,LIMIT SWITCH	2
4	6888GT	SCREW,HHC,1/4-20 X 1	3
5	6356GT	WASHER,LOCK,.25	2
6	6608GT	PIN,ROLL,.188 X .75	2
7	49745GT	CAM PLATE-UPPER BOOM PIVOT	1
8	29382GT	CONN. SQZ,1/2NPT .38-.50,90DEG	1
9	43960GT	WIRE CABLE,16/4 CON.TPE JKT	396
10	44275PGT	CAM,LIMIT SWITCH,BLUE	1
11	8177GT	SCREW,HHC,1/2-13 X 1.5	1
12	6033GT	WASHER,LOCK,0.5"	1
13	6095GT	WASHER,FLAT,USS,1/2",Y	1
14	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
15	43960GT	WIRE CABLE,16/4 CON.TPE JKT	216
16	6091GT	NUT, NYLOCK, 1/4-20	1
17	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	2

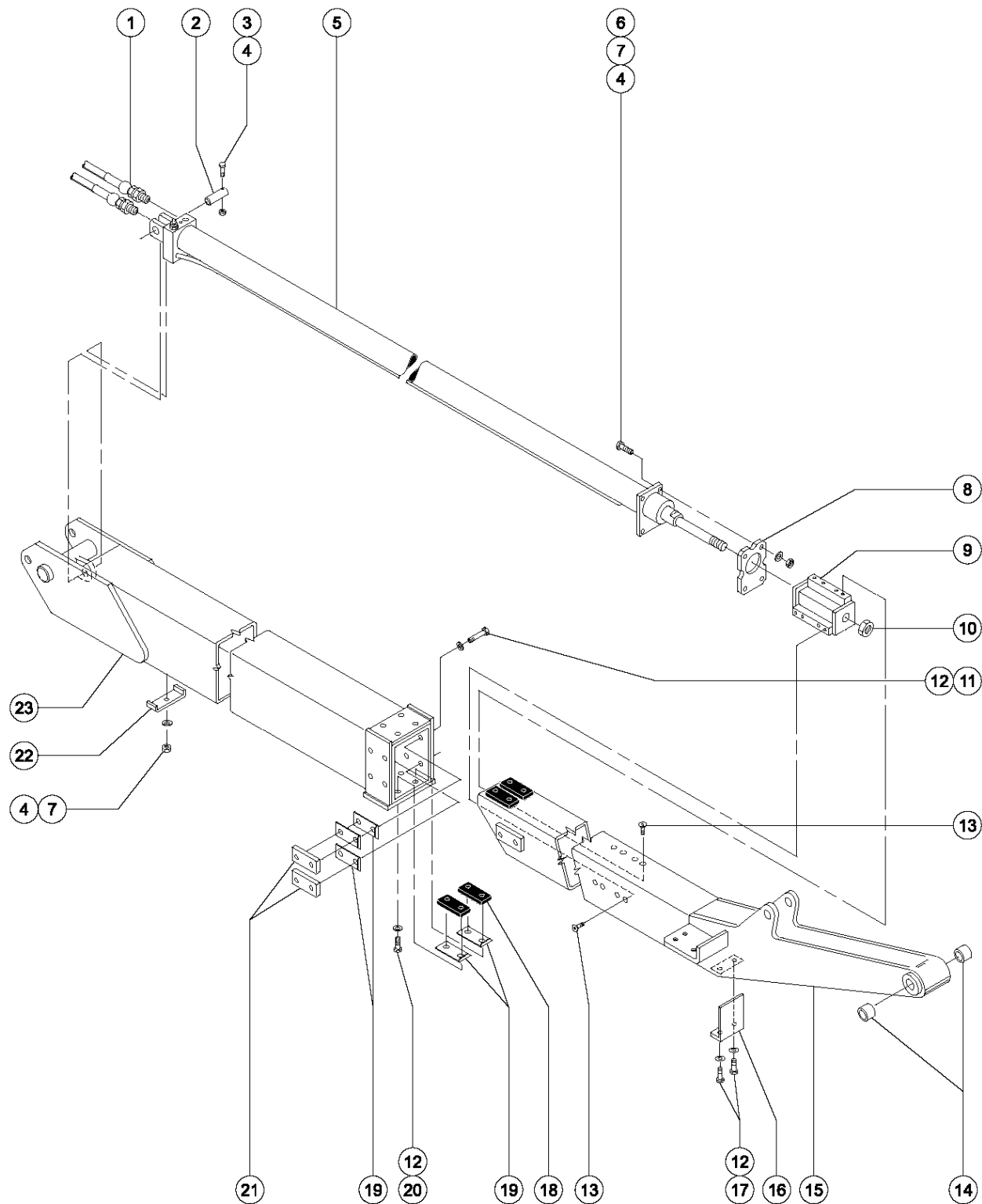
605.1 Upper Mid-pivot



605.1 Upper Mid-pivot

Item	Part No.	Description	Qty.
1	24678GT	PIN,MASTER CYL.ROD END,7.25 X1	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	1
3	6356GT	WASHER,LOCK,.25	1
4	12906GT	WASHER,FENDER,.25 X 1.25 X.062	1
5	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
6	4828GT	NUT,NYLOCK,3/8-16	2
7	825019GT	ROD END, .375X3.69, ZAG	2
8	25857GT	PIN,LIFT CYL./PLAT.PIVOT	1
9		PRIMARY BOOM WITH DECAL No longer available (contact customer service)	1
10	45070GT	BEARING,GARLOCK,16DU12	4
11		Ref. Hydraulic Hoses and Fittings refer to section 609.1	1
12	45561GT	CYL-HYD.-4BORE X 5.63 STK includes index number 10	1
12-	45898GT	SEAL KIT (CYL.PN.45561) BL	1
13	45072GT	BEARING,GARLOCK,24DU24	6
14	24655GT	CYLINDER,LIFT,4 X 24*** includes index number 12	1
14-	230483GT	SEAL KIT,CYLINDER***	1
14-	32954GT	VALVE,COUNTERBALANCE	1
15	25062GT	PIN,LIFT CYL.BARREL END	1
16	25680GT	PIN,MASTER CYL.BAR.END,9.56 X1	1
17	6888GT	SCREW,HHC,1/4-20 X 1	1
18	6091GT	NUT, NYLOCK, 1/4-20	4
19	825020GT	ROD END, .25 X 2.75, ZAG	1
20	14033GT	SCREW, HHC, 3/8-16 X 2.75	1
21	49810GT	PIN,BOOM PIVOT***%%	1
22	44805GT	UPPER MID-PIVOT,Z45 (W/DECALS) includes index number 23	1
23	45071GT	BEARING,1.5IDX1.75ODX1.5L	6
24	6638GT	WASHER, FLAT, USS, 1/4"Y	3
25	54530GT	CLAMP,HOSE,ALUMINUM	3

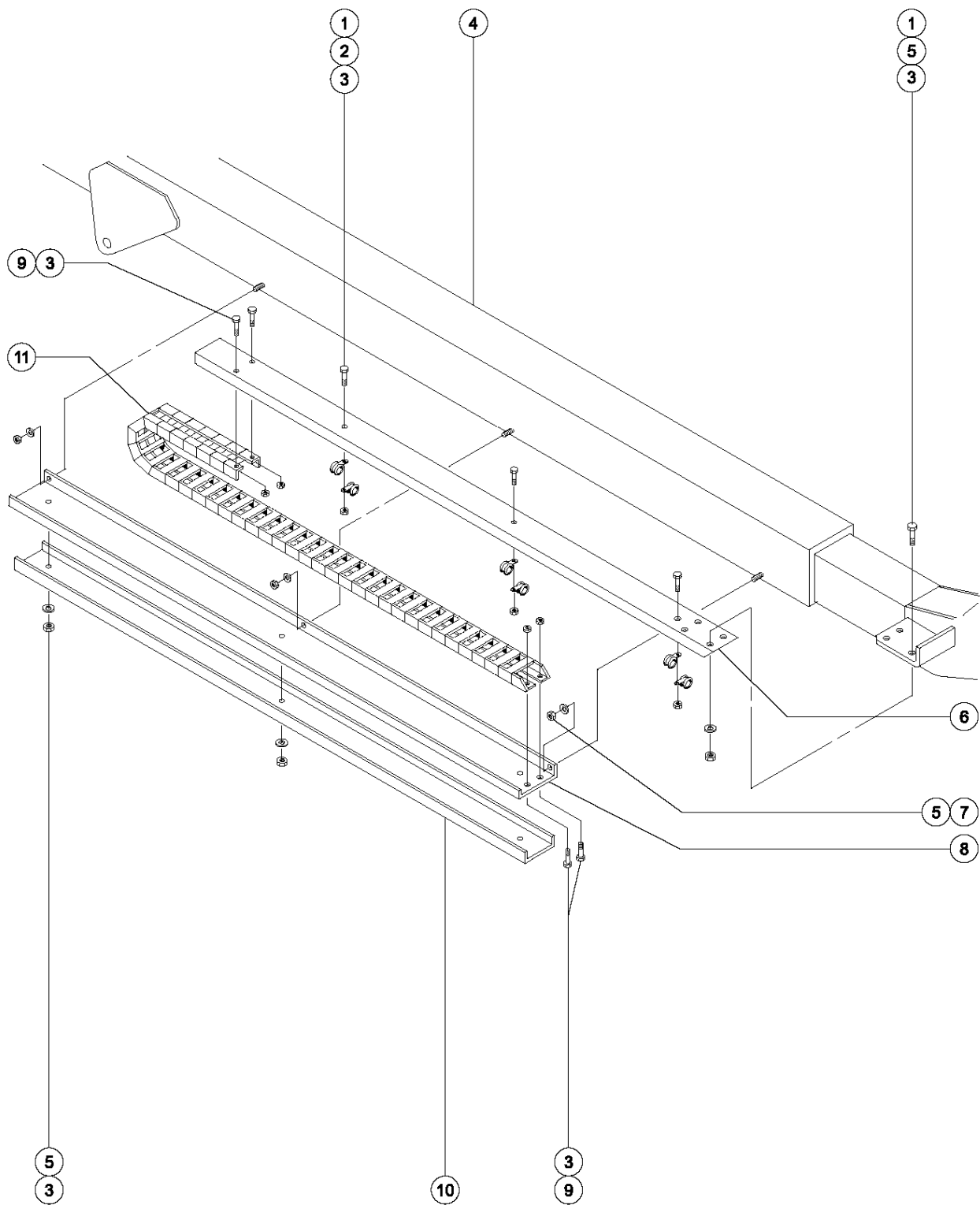
606.1 Primary and Extension Booms



606.1 Primary and Extension Booms

Item	Part No.	Description	Qty.
1		Ref. Hydraulic Hoses and Fittings refer to section 609.1	
2	25679GT	PIN,EXTENSION CYLINDER	1
3	6145GT	SCREW,HHC,1/4-20 X 1.5	2
4	6091GT	NUT, NYLOCK, 1/4-20	9
5	29267GT	CYLINDER,EXT,2.5 X 112.25	1
5-	29183GT	SEAL KIT,25212,25217,25372,S60	
5-	31082GT	VALVE,COUNTERBALANCE 2500 PSI*	
6	8915GT	SCREW,HHC,1/4-20 X 1.25	4
7	6638GT	WASHER, FLAT, USS, 1/4"Y	7
8	45742GT	SLIDE BLOCK-EXT CYL.,Z45A	1
9	45298GT	ROD END WELDMENT-EXT.CYL.	1
10	45303GT	NUT,NYLOCK,1.125-12	1
11	6090GT	SCREW, HHC, 1/4-20 X .75	12
12	6356GT	WASHER,LOCK,.25	18
13	45425GT	SCREW,FHS,3/8-16 X .75	8
14	18238GT	BEARING,FL,1.5 X 1.65OD X 2	2
15		EXTENSION BOOM ASSY,Z45 (91) includes index number 14 (no longer available)	1
16	48496PGT	COVER, END, PAINTED	1
17	8914GT	SCREW,HHC,1/4-20 X .625	2
18	45745GT	WEAR PAD,4 X 2 X.50 THK.BLACK	2
19	45382GT	SHIM,PRIMARY BOOM,.052 THK. Quantities listed for this item are approximate. Actual quantities may vary, to ensure proper fit.	12
19	45465GT	SHIM,PRIMARY BOOM,.022 THICK Quantities listed for this item are approximate. Actual quantities may vary, to ensure proper fit.	12
20	6888GT	SCREW,HHC,1/4-20 X 1	4
21	45209GT	WEAR PAD,4X2X.5 W/INSERT*** includes 2 each of 1/4 -20 Plated Hex Nuts	6
22	54530GT	CLAMP,HOSE,ALUMINUM	3
23		PRIMARY BOOM WITH DECAL No longer available (contact customer service)	1

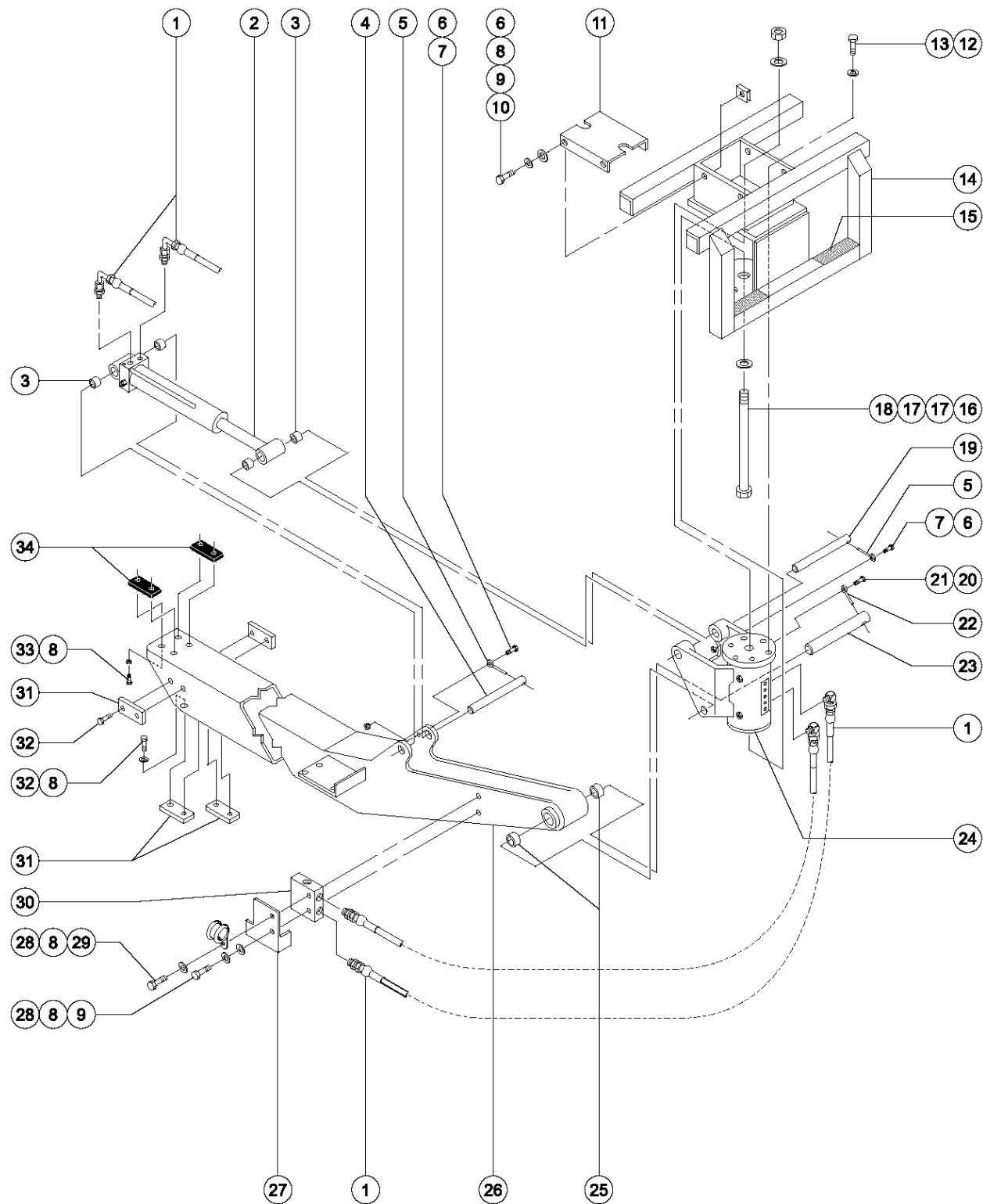
607.1 Cable Track Installation



607.1 Cable Track Installation

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	6090GT	SCREW, HHC, 1/4-20 X .75	7
2	13268GT	CLAMP, 0.75, #12 X 1/4, RUB CUSH	6
3	6091GT	NUT, NYLOCK, 1/4-20	14
4		Ref. Primary Boom refer to section 606.1	14
5	6638GT	WASHER, FLAT, USS, 1/4"Y	10
6	24998PGT	HOSE COVER,UPPR.CABLE TRK,BLUE	1
7	6889GT	NUT,LP NYLOCK,1/4-20	3
8	25071PGT	TRAY,CABLE TRACK,W/STUDS	1
9	7339GT	SCREW,HHC,1/4-20 X .5	4
10	25072P-SGT	HOSE COVER,LWR CABLE TRK,BLUE	1
11	24670GT	TRACK,PLASTIC CABLE,38 LINKS	1
11	27647GT	TRACK REPAIR,7 LINKS	1
11	27699GT	END SET,PLASTIC TRACK	1

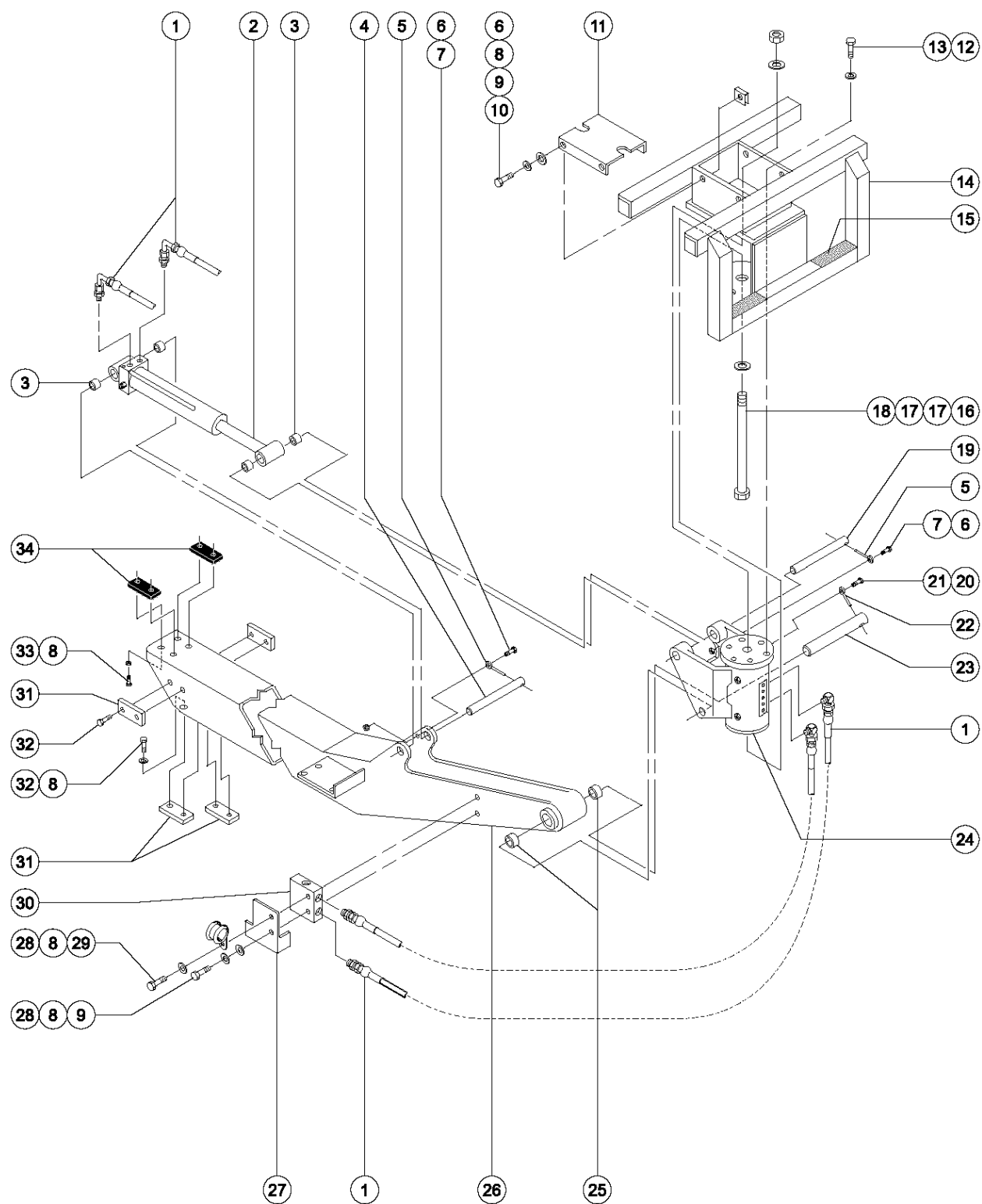
608.1 Platform Leveling and Rotation



608.1 Platform Leveling and Rotation

Item	Part No.	Description	Qty.
1		Ref. Hydraulic Hoses and Fittings refer to section 609.1	
2	29082GT	CYLINDER,SLAVE,3 X 9.5** includes index number 3	1
2	19700GT	SEAL KIT,PN.45562 BL includes index number 3	1
2	29083GT	VALVE,COUNTERBALANCE,2500 PSI* includes index number 3	1
2	13852GT	VALVE ASSY,BLEED*** includes index number 3	1
3	45070GT	BEARING,GARLOCK,16DU12 includes index number 3	4
4	25065GT	PIN, 1.00 DIA X 6.00LG, 1 HOLE includes index number 3	1
5	825020GT	ROD END, .25 X 2.75, ZAG includes index number 3	2
6	6888GT	SCREW,HHC,1/4-20 X 1 includes index number 3	6
7	6091GT	NUT, NYLOCK, 1/4-20 includes index number 3	2
8	6356GT	WASHER,LOCK,.25 includes index number 3	14
9	6638GT	WASHER, FLAT, USS, 1/4"Y includes index number 3	5
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG includes index number 3	4
11	46926PGT	COVER PLATE, PLATFORM ROTATOR includes index number 3	1
12	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5 includes index number 3	6
13	6033GT	WASHER,LOCK,0.5" includes index number 3	6
14	27680GT	PLATFORM PIVOT MOUNT ASSY includes index number 15	1
15	32358GT	TAPE,NON-SKID,1" WIDE,BULK includes index number 15	14
16	30286GT	SCREW,HHC,1-8 X 12IN GRD.2*** includes index number 15	1
17	13775GT	WASHER,FLAT,1.063 X 2 X .134 includes index number 15	2
18	29764GT	NUT,NYLOCK,1-8 includes index number 15	1
19	25064GT	PIN,SLAVE CYL.ROD END includes index number 15	1
20	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5 includes index number 15	1
21	4828GT	NUT,NYLOCK,3/8-16 includes index number 15	1
22	825019GT	ROD END, .375X3.69, ZAG includes index number 15	1
23	25816GT	PIN,PLATFORM PIVOT 8.5 X 1.5" includes index number 15	1
24		ROTATOR,HELICAL,PLATFORM*** (24411) component no longer available	1
24	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* includes index number 15	1

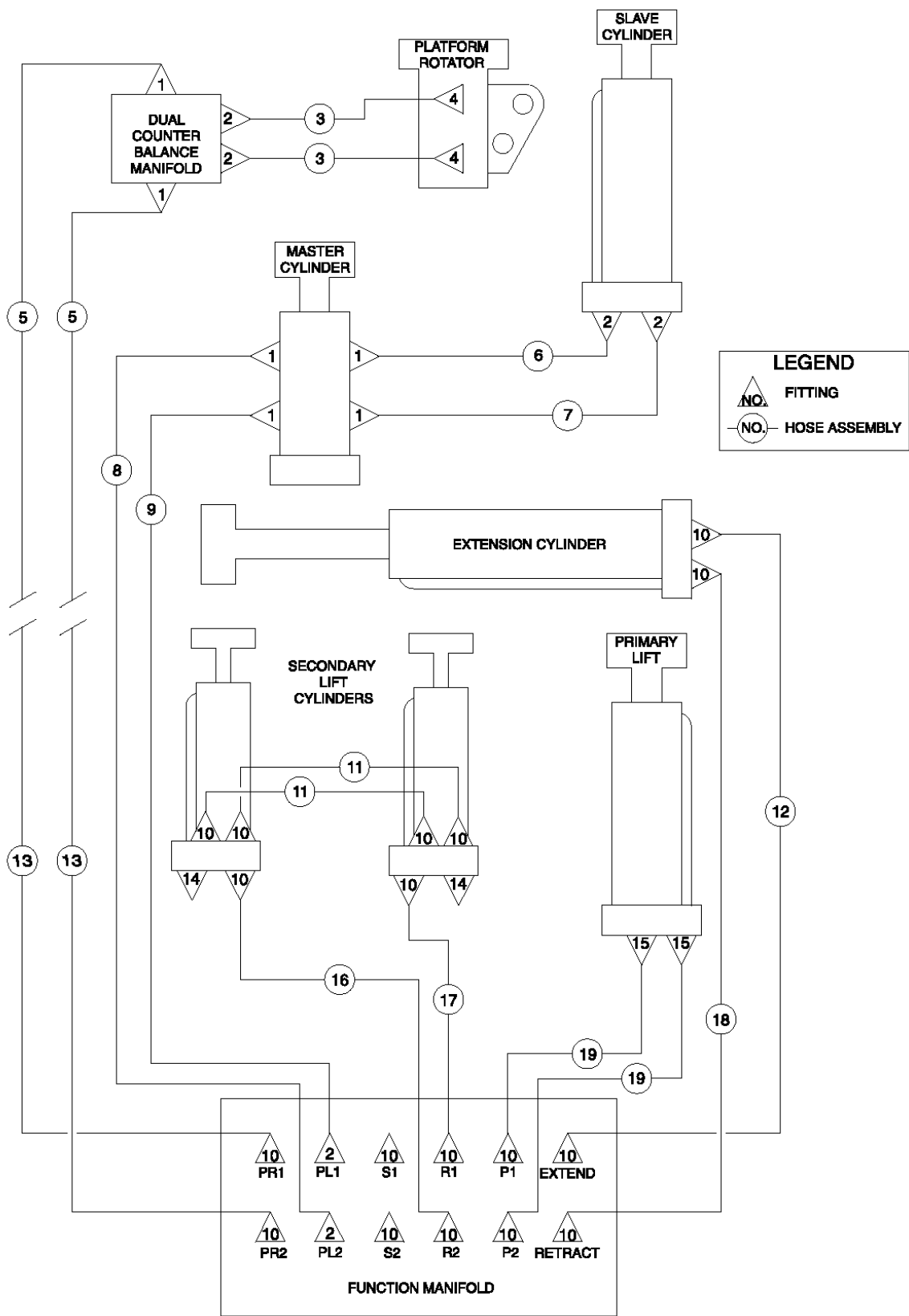
608.1 Platform Leveling and Rotation



608.1 Platform Leveling and Rotation

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24	13852GT	VALVE ASSY,BLEED***	1
25	18238GT	BEARING,FL,1.5 X 1.65OD X 2	2
26		EXTENSION BOOM ASSY,Z45 (91) includes index number 25 (no longer available)	1
27	25966PGT	COVER,COUNTRBALANCE VALVE,PNTD	1
28	6637GT	SCREW,HHC,1/4-20 X 1.75	2
29	21619GT	CLAMP,1.50,#24 X 1/4,RUB CUSH	1
30	30823GT	VALVE,DUAL CB MANIFOLD	1
30	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000	1
30	25375GT	KIT, O-RING	1
31	45209GT	WEAR PAD,4X2X.5 W/INSERT*** includes 2 each of 1/4 -20 Plated Hex Nuts	4
32	6090GT	SCREW, HHC, 1/4-20 X .75	8
33	8914GT	SCREW,HHC,1/4-20 X .625	4
34	45745GT	WEAR PAD,4 X 2 X.50 THK.BLACK	2

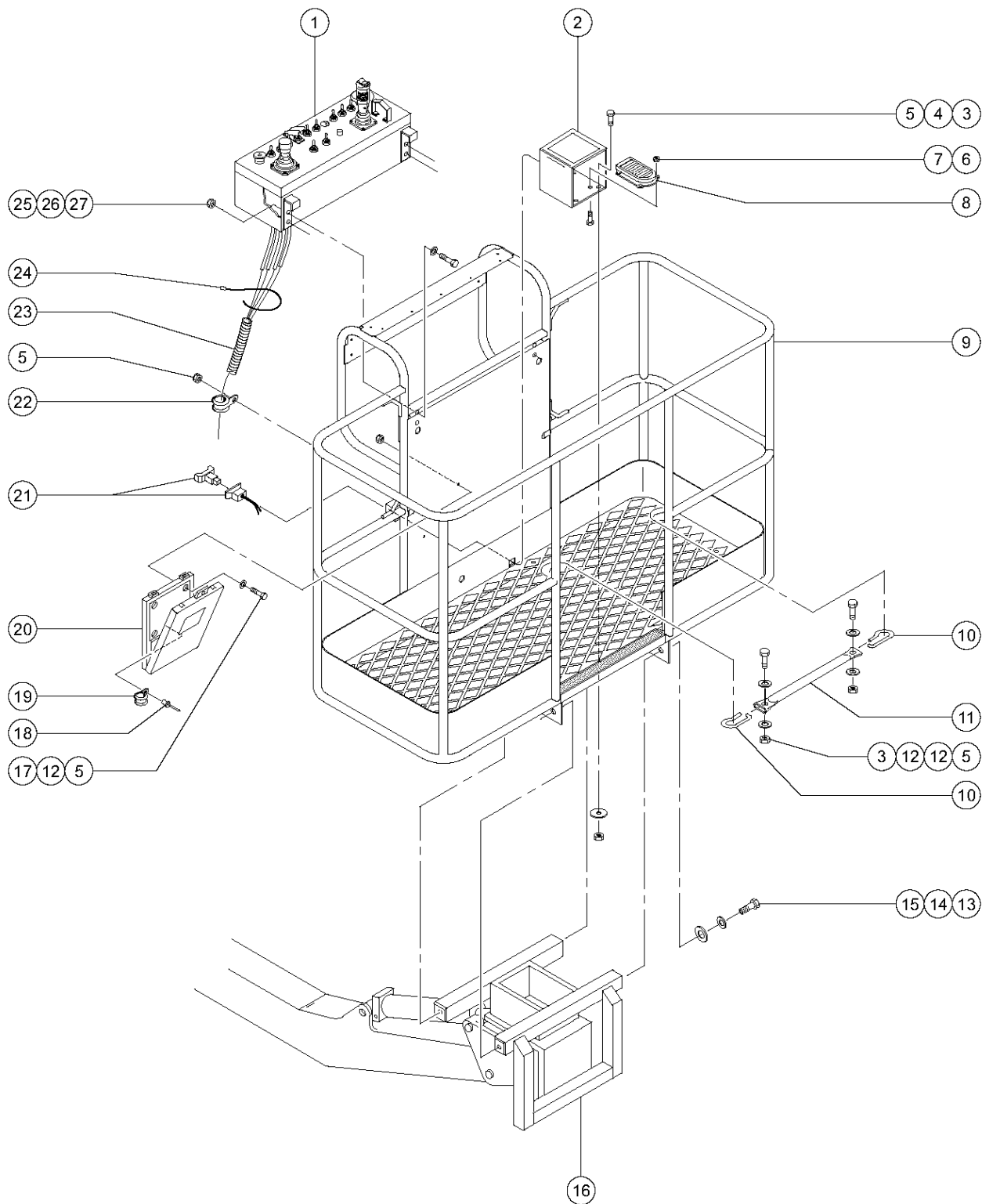
609.1 Hydraulic Hoses and Fittings - Boom Components



609.1 Hydraulic Hoses and Fittings - Boom Components

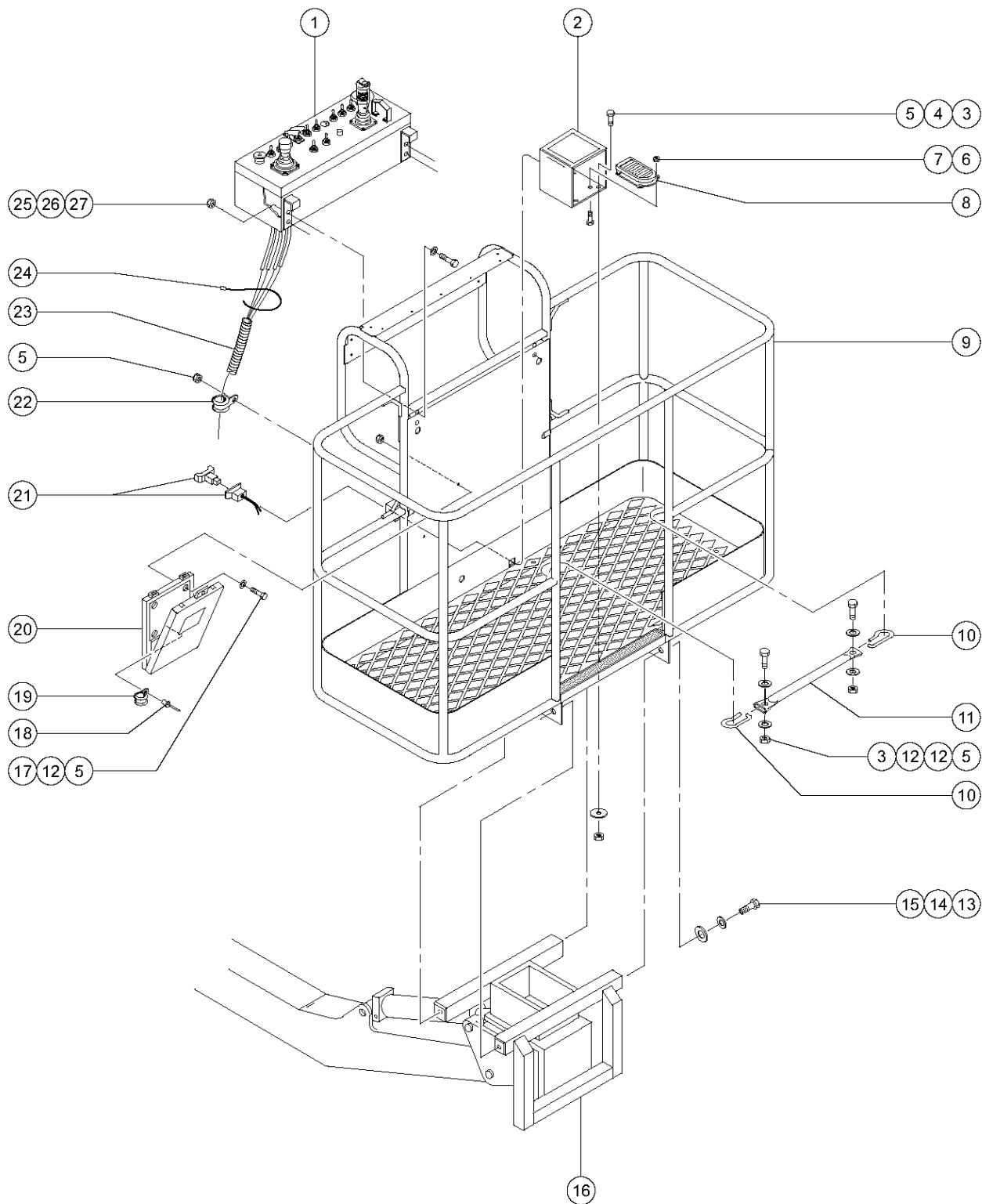
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT, FIELD SVC, ALL PROD*	
1	12340GT	ELBOW, 070220-4-6	6
2	13756GT	CONNECTOR, 070120-4-6	6
3	28007GT	HOSE ASSY, MNFLD TO ROTATE CYL Hose End - Female JIC Swivel, 4-4 (Weatherhead 04U-604), Hose End - Female 45° JIC Swivel, 4-4 (Weatherhead 04U-684) & Hose, 1/4 inch Neoprene High Pressure (Weatherhead H14504)	2
4	13921GT	ELBOW, 07022-4-4	2
5	28009GT	HOSE ASSY, SPLICE TO ROTATE CYL Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Male, JIC 4-4 (Synflex 3903-04504) & Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	2
6	28006GT	HOSE ASSY, MASTER CYL. TO SLAVE Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female 90° JIC Swivel, 4-4 (Synflex 3903-04644) & Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
7	28005GT	HOSE ASSY, MSTR. CYL. - SLAVE CYL Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female 90° JIC Swivel, 4-4 (Synflex 3903-04644) & Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	1
8	28003GT	HOSE ASSY, FNCTN. MNFLD-MSTR. CYL Hose End - Female JIC Swivel, 4-2 (Synflex 3903-02544), Hose End - Female JIC Swivel, 4-2 (Synflex 3903-02544) & Hose, 1/8 inch Thermoplastic Medium Pressure (Synflex 3130-02)	1
9	28004GT	HOSE ASSY, FNCTN. MNFLD-MSTR. CYL Hose End - Female JIC Swivel, 4-2 (Synflex 3903-02544), Hose End - Female JIC Swivel, 4-2 (Synflex 3903-02544) & Hose, 1/8 inch Thermoplastic Medium Pressure (Synflex 3130-02)	1
10	45412GT	CONNECTOR, 070120-6-6	18
11	28316GT	TUBE, ELEVATE CYLINDER	2
12	28000GT	HOSE ASSY, FNCTN. MNFLD-EXTN. CYL Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) & Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
13	28008GT	HOSE ASSY, FNCTN. MNFLD-SPLICE Hose End - Female JIC Swivel, 4-4 (Synflex 3903-04544), Hose End - Female JIC Swivel, 6-4 (Synflex 3903-04546) & Hose, 1/4 inch Thermoplastic Medium Pressure (Synflex 3130-04)	2
14	45395GT	PLUG, HEX HEAD, 090109A-6	2
15	13120GT	ELBOW, 070220-6-6	2
16	28147GT	HOSE ASSY, FNCTN. MNFLD/ELEV. CYL Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) & Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
17	28146GT	HOSE ASSY, FNCTN. MNFLD/ELEV. CYL Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) & Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
18	28001GT	HOSE ASSY, FNCTN. MNFLD-EXTN. CYL Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) & Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	1
19	45533GT	HOSE ASSY, MNFLD. TO PRIME LIFT CYL Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546), Hose End - Female JIC Swivel, 6-6 (Synflex 3903-06546) & Hose, 3/8 inch Thermoplastic Medium Pressure (Synflex 3130-06)	2

701.1 Platform Installation



Item	Part No.	Description	Qty.
1		Ref. Platform Controls refer to sections 702.1 and 703.1	
2	32710GT	GUARD,FOOTSWITCH,W/DECAL STEEL	1
3	6888GT	SCREW,HHC,1/4-20 X 1	6
4	12906GT	WASHER,FENDER,.25 X 1.25 X.062	4
5	6091GT	NUT, NYLOCK, 1/4-20	14
6	6178GT	NUT, NYLOCK, 10-32	2
7	17626GT	SCREW,FHM,10-32 X .75	2
8	13482GT	FOOT SWITCH*** includes mounting fasteners	1
8	20262GT	MICROSWITCH,13482 FOOTSWITCH	1
9	52162GT	PLAT. ASSY W/ DECALS, 4' includes index numbers6, 8, 13 through 15, 20 and 21; from SN 5052	1
9	32027GT	PLAT. ASSY W/DECALS,4' to SN 5051	1
9	52163GT	PLAT.ASSY. W/DECALS,EURO 4' includes index numbers6, 8, 13 through 15, 20 and 21; from SN 5052	1
9	32030GT	PLAT. ASSY W/DECALS,EURO,4' to SN 5051	1
9	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD* European Platform	1
9	40170GT	TOEBOARD (PLAT. ENTRY ALUMN) European Platform	1
9	147623GT	PLAT. ASSY W/DECALS,5*** All models to SN 5051 (includes index numbers 6, 8, 13-15, 20-21)	1
9	147624GT	PLAT. ASSY W/DECALS,ANSI,5*** ANSI models from SN 5052 (includes index numbers 6, 8, 13-15, 20-21)	1
9	147625GT	PLAT. ASSY W/DECALS,EURO,5*** CE models from SN 5052 (includes index numbers 6, 8, 13-15, 20-21)	1
9	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD* European Platform	1
9	40170GT	TOEBOARD (PLAT. ENTRY ALUMN) European Platform	1
9	52166GT	PLAT. ASSY W/DECALS,6'-Z45 includes index numbers6, 8, 13 through 15, 20 and 21; from SN 5052	1
9	32029GT	PLAT. ASSY W/DECALS,6'-Z45 to SN 5051	1
9	32032GT	PLAT. ASSY W/DECALS,EURO,6' includes index numbers6, 8, 13 through 15, 20 and 21	1
9	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD* European Platform	1
9	40170GT	TOEBOARD (PLAT. ENTRY ALUMN) European Platform	1
10	12443GT	MIDRAIL GUIDE (HOOK)	2
11	102992GT	SLIDING MIDRAIL KIT,PTD includes index numbers 3, 5, 10 and 12	1
11	12446-SGT	TUBE,STD SLIDING MIDRAIL,PAINT	1

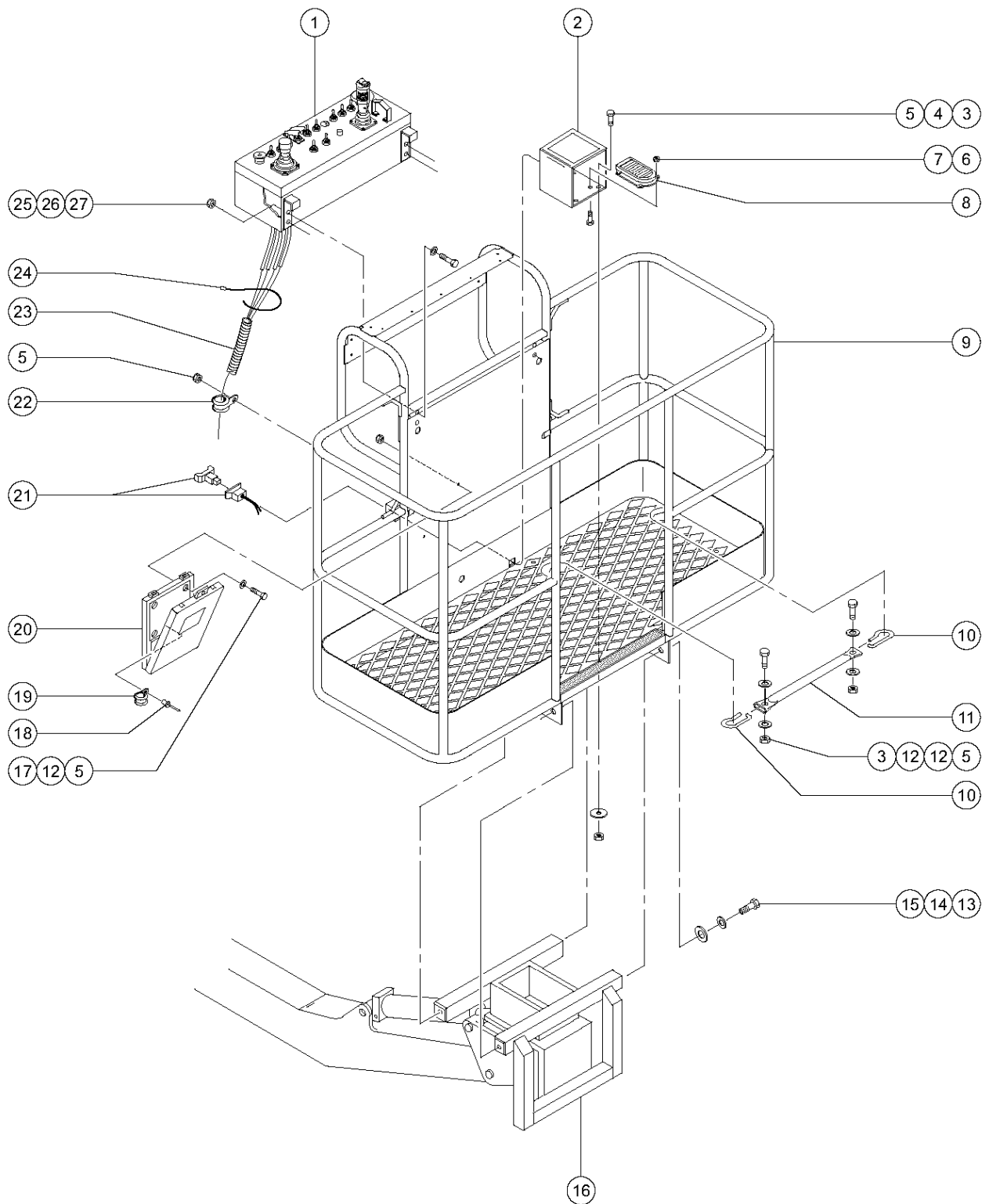
701.1 Platform Installation



701.1 Platform Installation

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
11	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	1
11	20973GT	WIRE LOOM,3/8 POLY SLIT	1
12	6638GT	WASHER, FLAT, USS, 1/4"Y	11
13	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	4
14	6033GT	WASHER,LOCK,0.5"	4
15	6095GT	WASHER,FLAT,USS,1/2",Y	4
16		Ref. Platform Leveling and Rotation	4
		refer to section 608.1	
17	6090GT	SCREW, HHC, 1/4-20 X .75	4
18	6271GT	RIVET,STL,STL.MAN,P,.25 X .25	1
19	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
20	44743GT	MANUAL BOX W/DECALS***	1
20	33996GT	SCREWDRIVER,TERMINAL BLOCK	1
21	29431GT	CONNECTOR ASSEMBLY,FOOTSWITCH	1
21	22431GT	TERMINAL,ANDERSON,30A 12-16 GA	1
21	22432GT	ANDERSON HOUSING,15-45 AMP BLK	1
21	22433GT	ANDERSON HOUSING,15-45,AMP,WHT	1
21	22434GT	ANDERSON HOUSING,15-45 AMP RED	1
21	41020GT	TERMINAL,#10 RING,BLUE AMP	1
21	45139GT	RECEPT.,SNAP-IN,4 POLE ANDERSN	1
21	45200GT	SPACER,SHORT ANDERSON	1
21	45202GT	PIN,ROLL,.094 X .875	1
21	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	1
21	27527GT	WIRE ASSY,Z454WD FOOT SWITCH	1
21	22432GT	ANDERSON HOUSING,15-45 AMP BLK	1
21	22433GT	ANDERSON HOUSING,15-45,AMP,WHT	1
21	22434GT	ANDERSON HOUSING,15-45 AMP RED	1
21	29350GT	TERMINAL,ANDERSON,15A 16-20GA	1
21	45201GT	SPACER,LONG ANDERSON	1

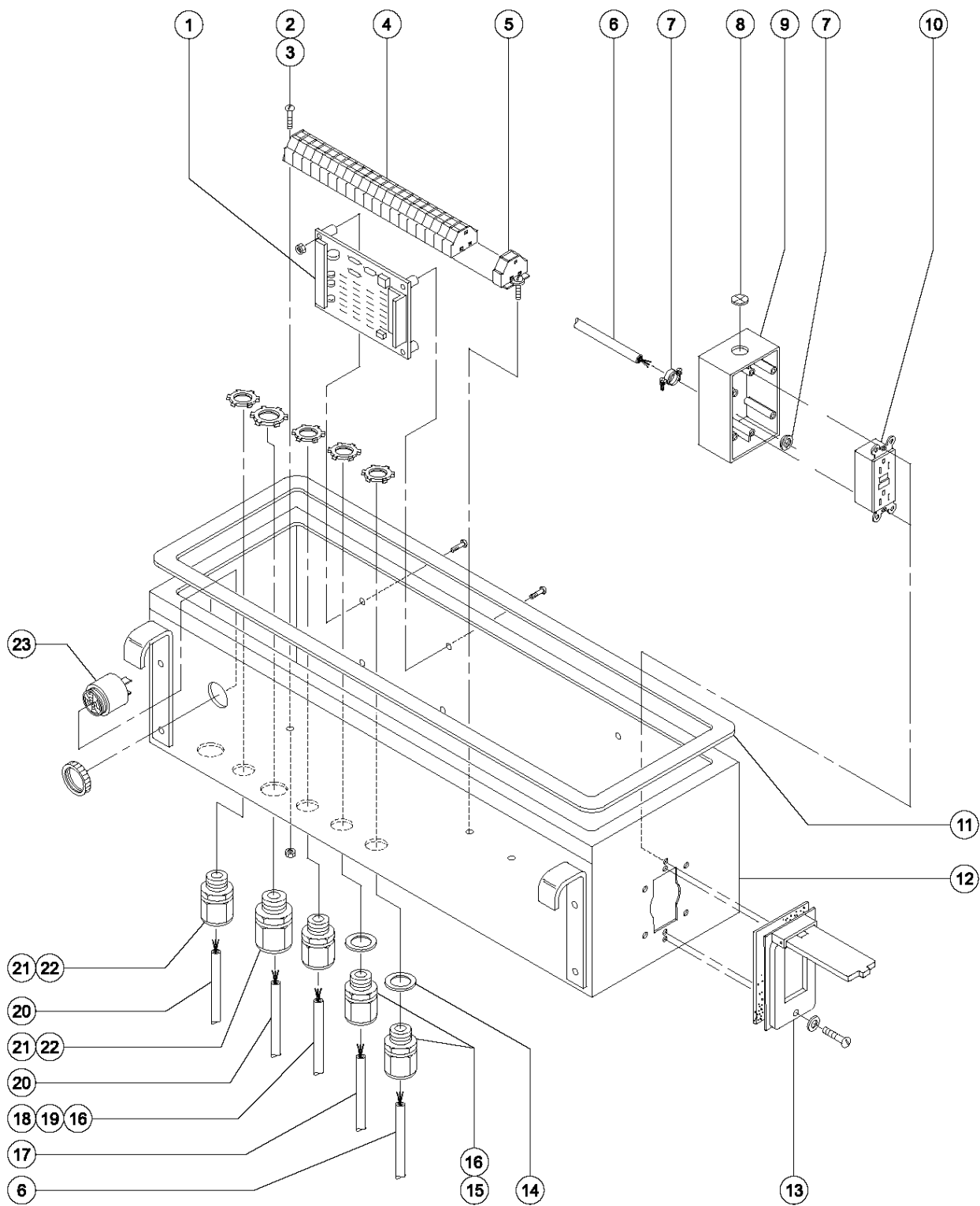
701.1 Platform Installation



701.1 Platform Installation

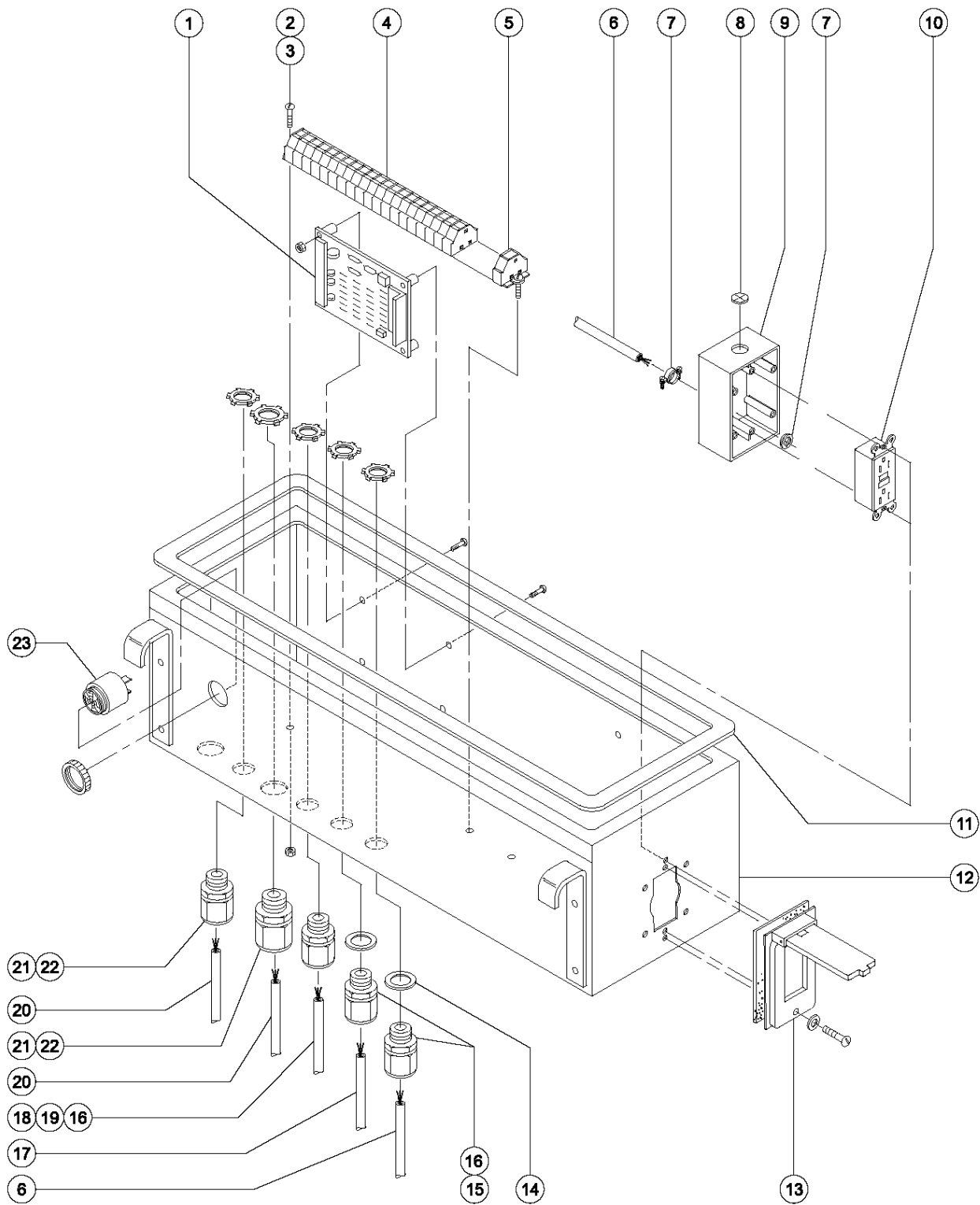
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
21	45202GT	PIN,ROLL,.094 X .875	1
21	45313GT	PLUG,W/LATCH,4 POLE,ANDERSON	1
21	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	1
21	52177GT	FOOTSWITCH/CONT.BOX CONN.ASSY	1
21	22431GT	TERMINAL,ANDERSON,30A 12-16 GA	1
21	29350GT	TERMINAL,ANDERSON,15A 16-20GA	1
21	22432GT	ANDERSON HOUSING,15-45 AMP BLK	1
21	22433GT	ANDERSON HOUSING,15-45,AMP,WHT	1
21	22434GT	ANDERSON HOUSING,15-45 AMP RED	1
21	22435GT	ANDERSON HOUSING,15-45 AMP GRN	1
21	41020GT	TERMINAL,#10 RING,BLUE AMP	1
21	45139GT	RECEPT.,SNAP-IN,4 POLE ANDERSN	1
21	45202GT	PIN,ROLL,.094 X .875	1
21	45313GT	PLUG,W/LATCH,4 POLE,ANDERSON	1
21	43957GT	WIRE CABLE,14GA/4 CON.TPE JKT	1
22	21619GT	CLAMP,1.50,#24 X 1/4,RUB CUSH	4
23	28131GT	WIRE LOOM,1.25 DIA	105
24	28443GT	CABLE TIE, 11.5" BLACK	12
25	6782GT	NUT, NYLOCK, 5/16-18	4
26	5397GT	WASHER,FLAT,USS,5/16",Y	4
27	13000GT	SCREW,HHC,5/16-18 X 1.25	4

702.1 Platform Controls - View 1



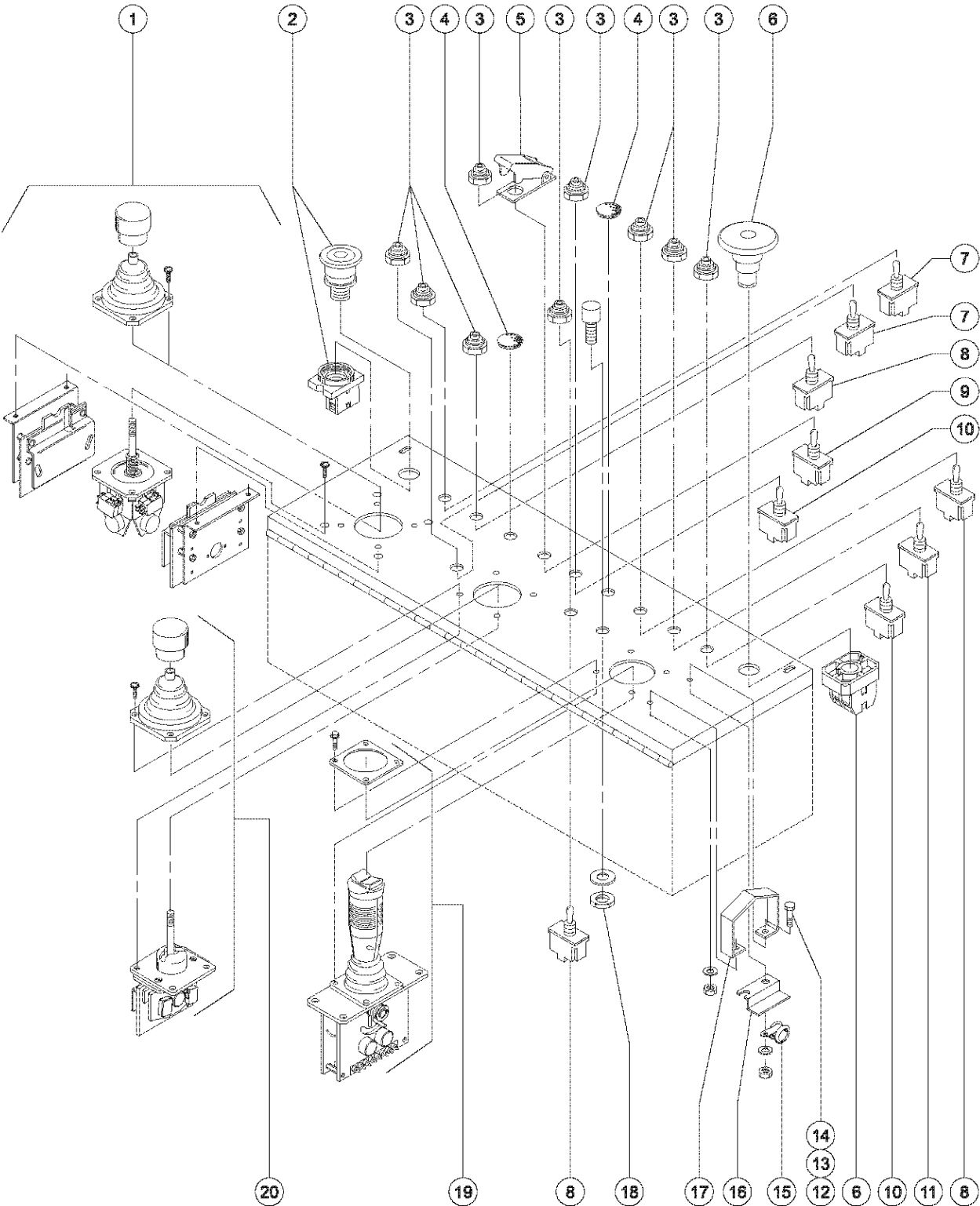
Item	Part No.	Description	Qty.
	33996GT	SCREWDRIVER,TERMINAL BLOCK	
1		LIMITER PC BOARD, HORSEPOWER (includes mounting fasteners), no longer available	1
1-	39591GT	SPACER,NYLON,.375	4
2	45546GT	SCREW,RHM,6-32 X .5	2
3	12344GT	NUT,NYLOCK,6-32	2
4	32637GT	TERMINAL BLOCK,WAGO	43
4	32638GT	TERMINAL BLOCK,WAGO	2
5	32639GT	END PLATE,WAGO	1
6	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	780
7	6622GT	GROUND CONNECTOR,1/2"	1
8	8843GT	COVER,KNOCK OUT HOLE,4 PER BAG	2
9	10775GT	T-BOX,2.75 X 4.5 X 2.0	1
10	13585GT	OUTLET 110V	1
10	33629GT	PLATE,UK POWER TO PLATFORM	1
10	33724GT	KIT,GASKET,UK POWER TO PLAT	1
11	27115GT	GASKET,UPPER CONTROL BOX	1
12	32991GT	CONTROL BOX W/DECAL,PLAT. includes index number 11	1
12	32991GT	CONTROL BOX W/DECAL,PLAT.	1
13	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners	1
14	11855GT	WASHER,SHIM,SST,.825X1.25X.015	4
15	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	2
16	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	3
17	27527GT	WIRE ASSY,Z454WD FOOT SWITCH	1
17	52177GT	FOOTSWITCH/CONT.BOX CONN.ASSY	1
18	43955GT	WIRE CABLE,12/3 CON.TPE JKT	780
19	7057GT	CONN. SQZ,1/2NPT .39-.56 MED	1
20	35934GT	WIRE CABLE,18/19 CON.TPRJKT	780
21	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	2

702.1 Platform Controls - View 1



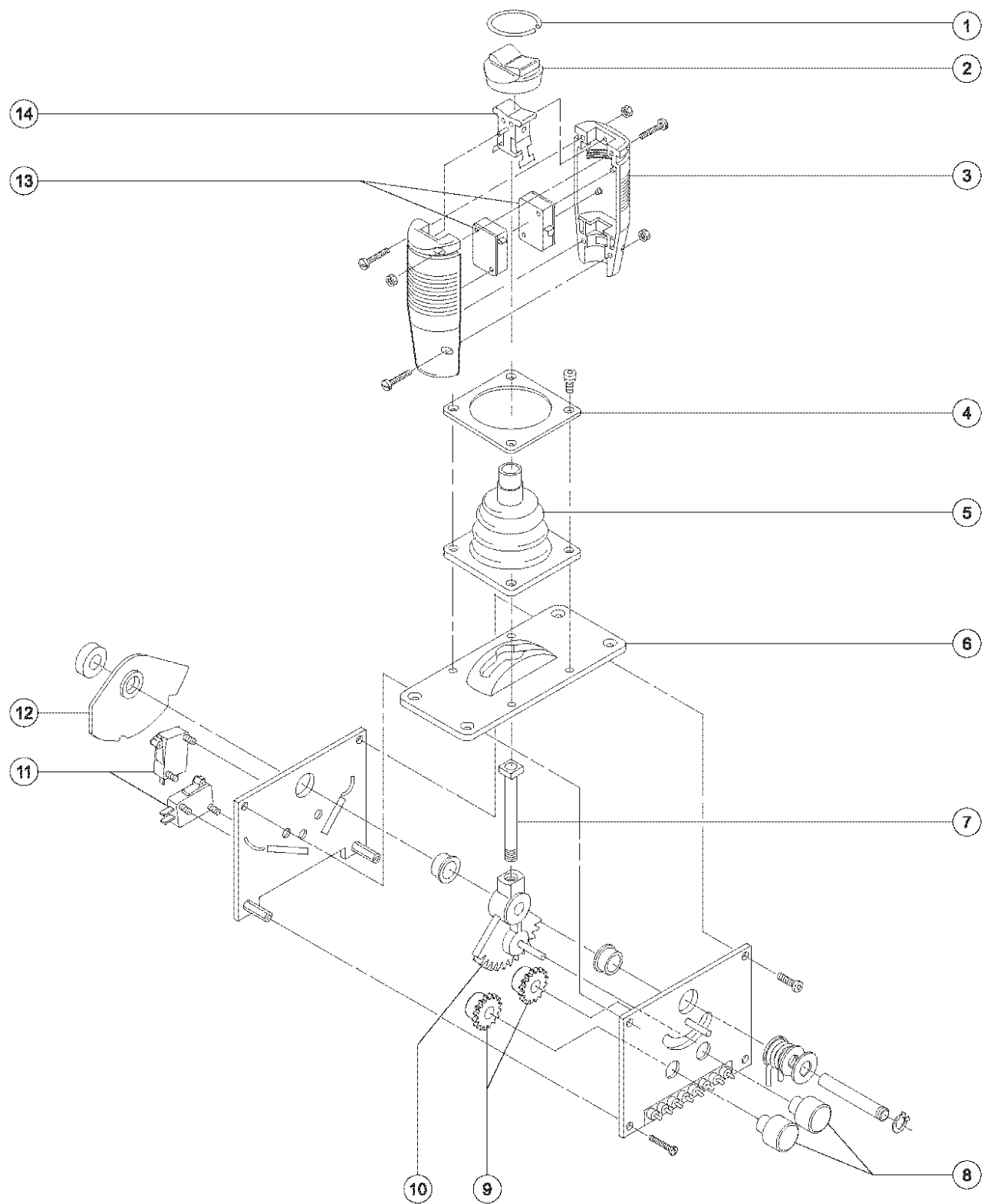
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
22	14041GT	LOCKNUT,ELECTRIC,3/4"	2
23	45383GT	ALARM,WARBLE TONE 5-30 VDC*** order 72326 retainer nut separately	1

703.1 Platform Controls - View 2



Item	Part No.	Description	Qty.
1		Ref., JOYSTICK CONTROLLER,12V refer to 706.1	1
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	27246GT	BOOT,TOGGLE SWITCH,SHORT*	8
4	45384GT	PLUG,NYLON .50 BLACK DOMED	2
5	13471GT	COVER, AUXILIARY POWER SWITCH	1
6	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
6-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
6-	66821GT	BASE,WITHOUT CONTACTS	1
6-	66818GT	CONTACT,NC	1
7	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN includes mounting fasteners	2
8	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* includes mounting fasteners	3
9	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN includes mounting fasteners	1
10	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT (replaced 27378-S)	2
11	13038-SGT	SWITCH,TOGGLE,DPDT,3POS MAINT includes mounting fasteners	1
12	8914GT	SCREW,HHC,1/4-20 X .625	2
13	6638GT	WASHER, FLAT, USS, 1/4"Y	2
14	6091GT	NUT, NYLOCK, 1/4-20	2
15	13268GT	CLAMP, 0.75, #12 X 1/4, RUB CUSH	1
16	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	1
17	27033PGT	SUPPORT,WRIST,PAINTED-BLUE	1
18	824879GT	LIGHT,LED IND. RED 12V NH Diesel models	
18-	824879GT	LIGHT,LED IND. RED 12V NH Gasoline/LPG models	2
18-	56848GT	WASHER,LOCK,IND,LAMP RETAINER all models	
19		Ref., JOYSTICK CONTROLLER,12V refer to 704.1	1
20		Ref., JOYSTICK CONTROLLER,12V refer to 705.1	1

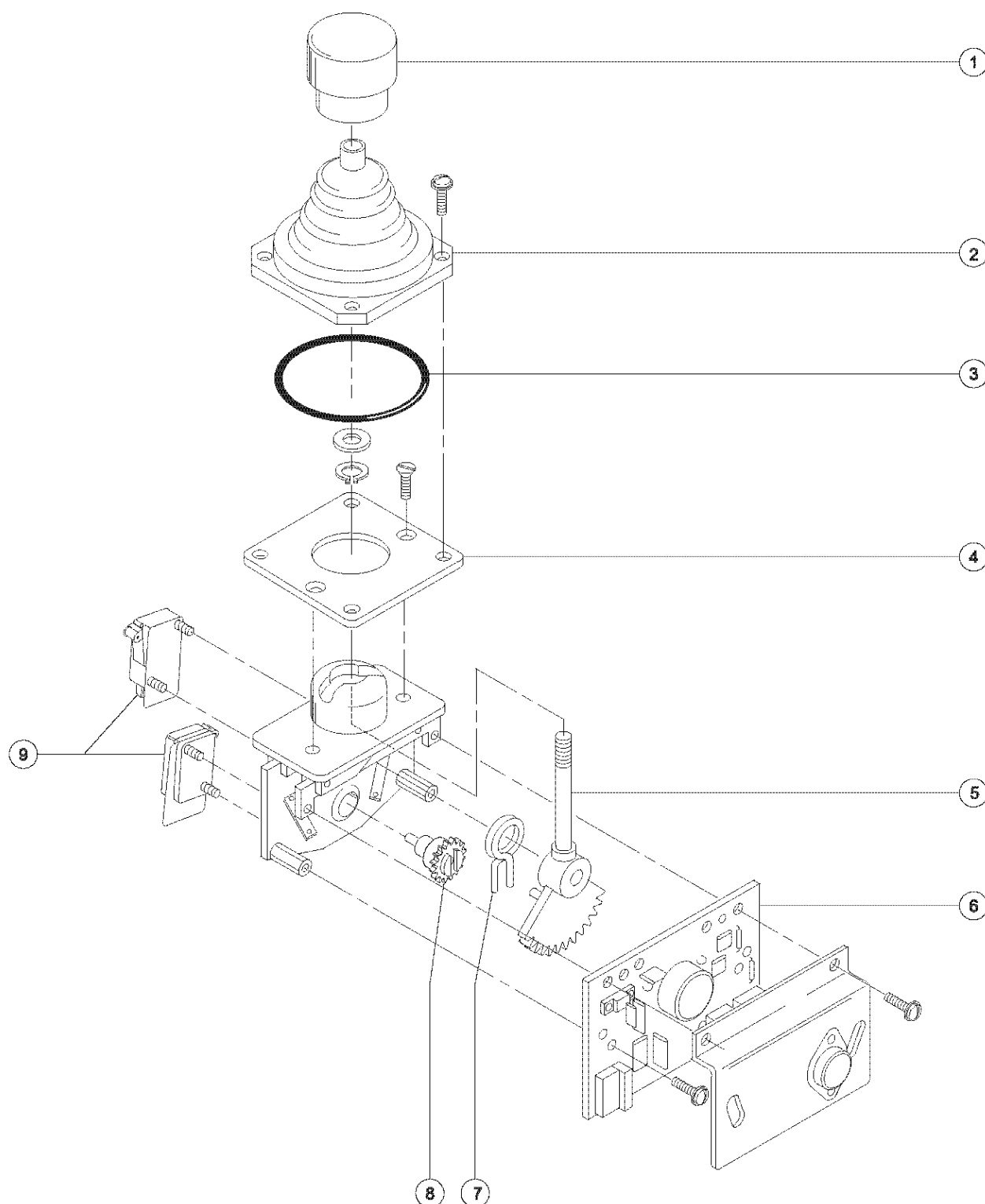
704.1 Joystick Controller - Drive/Steer Functions



704.1 Joystick Controller - Drive/Steer Functions

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	20424GT	JOYSTICK CONTROLLER,12V	
	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	2
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

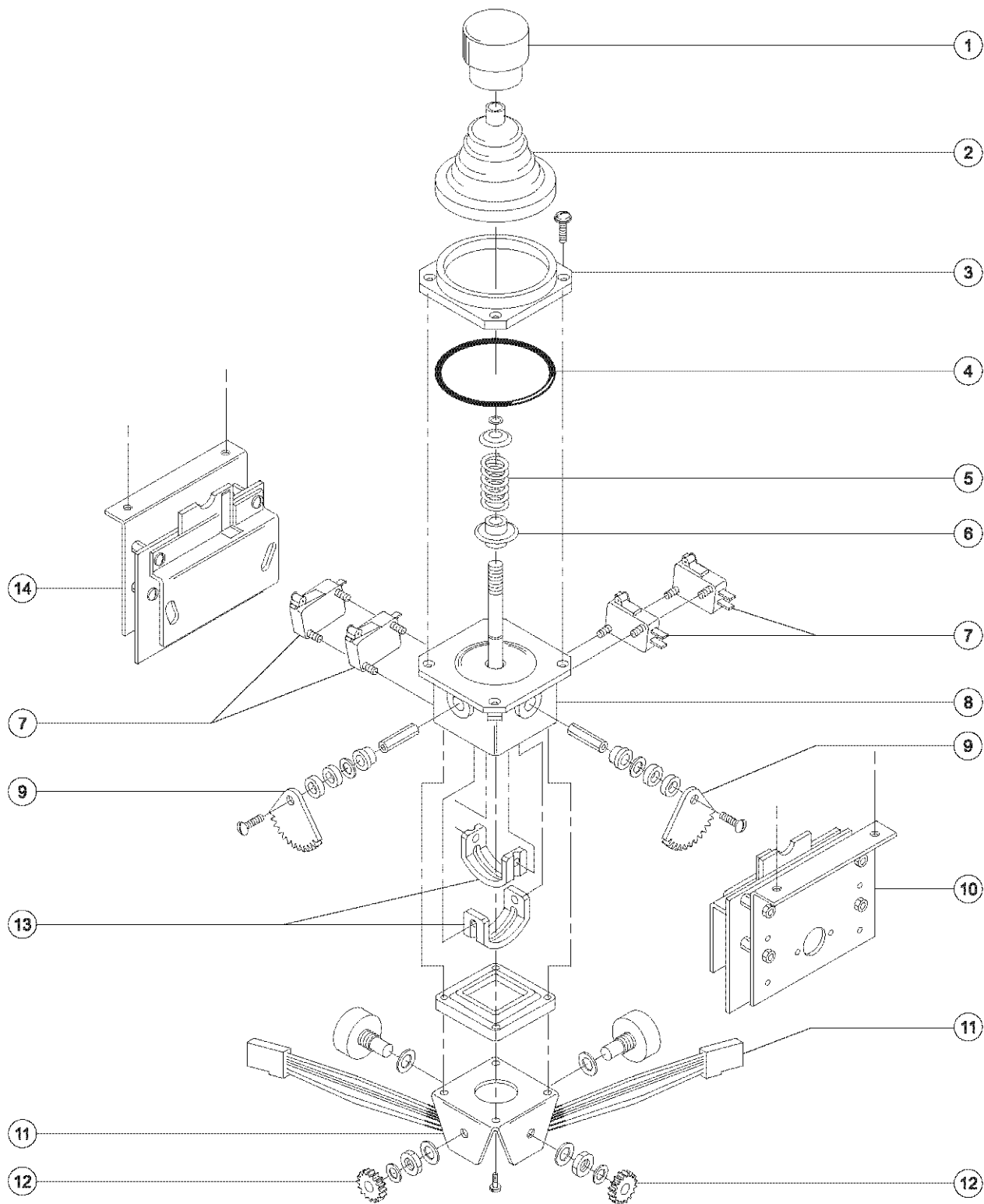
705.1 Joystick Controller - Boom Functions, Single Axis



705.1 Joystick Controller - Boom Functions, Single Axis

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	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	19718GT	POTENTIOMETER,45049	1
7	21434GT	SPRING & BUSHING KIT,RETURN***	1
8	19731GT	GEAR, SLAVE, MS4,45048	1
9	19712GT	MICROSWITCH,V3L-139-D8	2

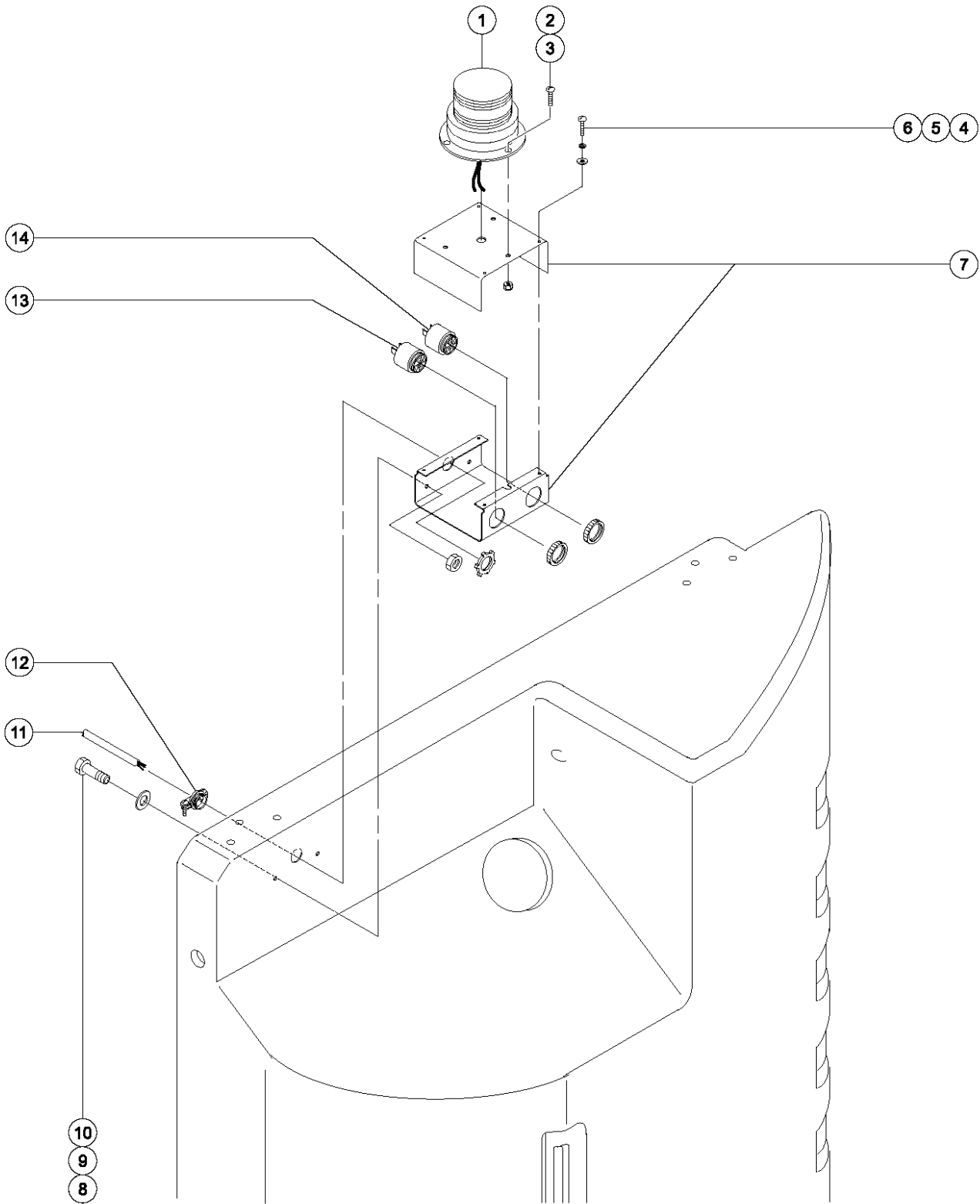
706.1 Joystick Controller - Boom Functions, Dual Axis



706.1 Joystick Controller - Boom Functions, Dual Axis

Item	Part No.	Description	Qty.
	53073GT	JOYSTICK,MULT AXIS CONT,OEM*** OEM joystick, contains all shown service parts	
	53073HGT	JOYSTICK,MULT AXIS CONT aftermarket joystick replacement	
1	27133GT	HANDLE,CAP,CONTROLLER	1
2	27134GT	BOOT,CONTROLLER includes item 3	1
3	46272GT	FLANGE-JOYSTICK MOUNTING,44988	1
4	31526GT	O-RING,BOOT,CONTROLLER	1
5		SPRING,24493 CONTROLLER no longer available	1
6	31283GT	BUSHING,SPRING SEAT	1
7	19712GT	MICROSWITCH,V3L-139-D8	4
8	31284GT	SHAFT ASSY W/HOUSING	1
9	27512GT	JOYSTICK, DRIVE GEAR, (24493)	2
9A	58477GT	SHAFT (53073)***	2
10	52586GT	PCB,11179AB, (SWING)***	1
11	58442GT	POTENTIOMETER,ASSY(24493) includes potentiometers, mounting plate, wiring, molex connectors and hardware	1
11	52161GT	POTENTIOMETER	
12	27514GT	GEAR, SLAVE, 24493	2
13	37948GT	SADDLES-SET(24493,40613,53073*	1
14	52585GT	PCB,11179CD,(LIFT)***	1

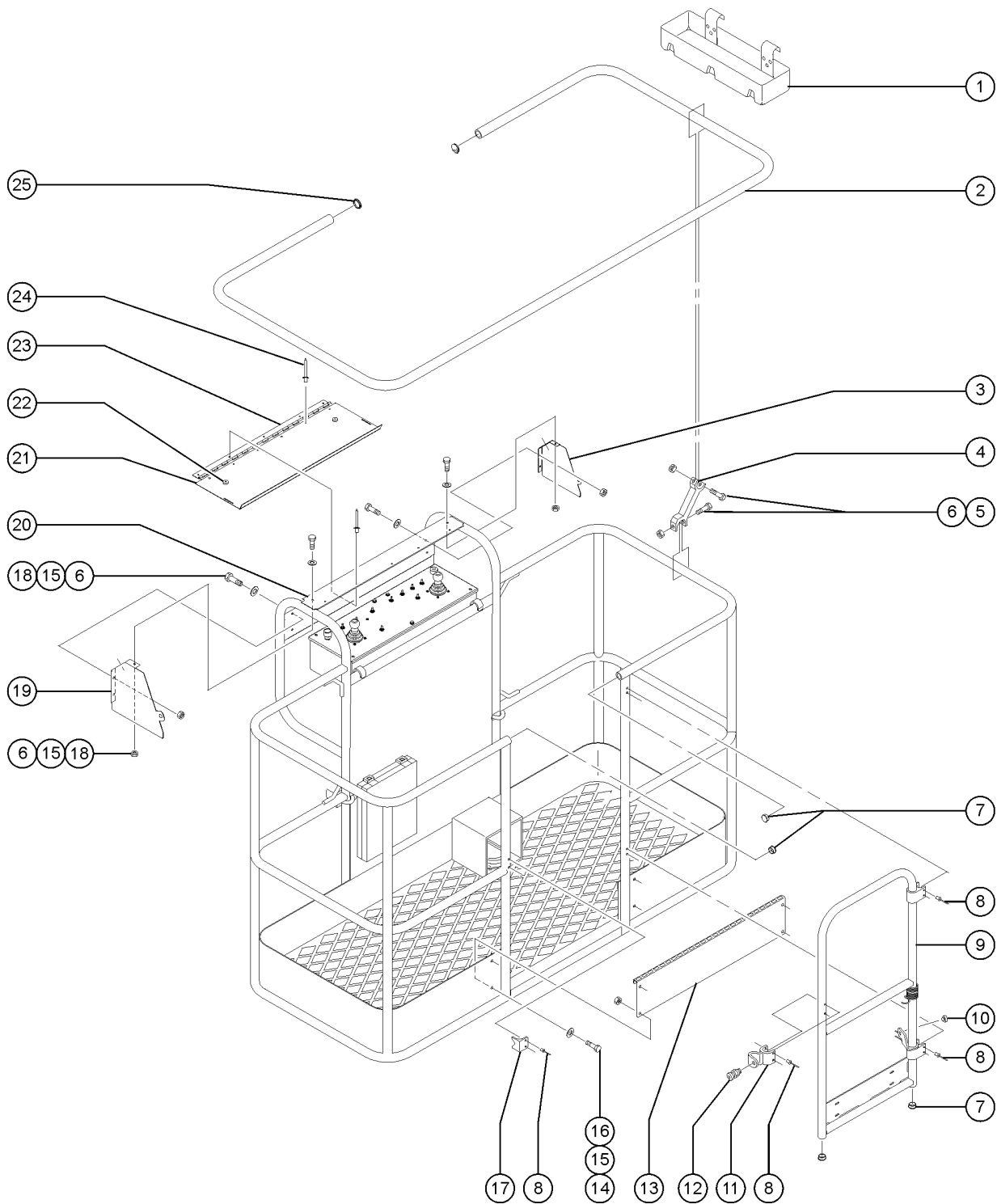
801.1 Alarm And Beacon Package



801.1 Alarm And Beacon Package

Item	Part No.	Description	Qty.
	27519-SGT	ALARM PACKAGE,Z45	
1	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** (replaced 20189)	1
1-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
1-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
1-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
2	6606GT	SCREW,RHM,10-32 X .75	3
3	6178GT	NUT, NYLOCK, 10-32	3
4	5094GT	SCREW,RHM,10-32 X .5	4
5	6607GT	WASHER,LOCK,#10 PLTD	4
6	6146GT	WASHER,FLAT,MS,#10,Y	4
7	27368P-SGT	BRACKET,ACCESSORY,PAINTED**	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	2
9	6638GT	WASHER, FLAT, USS, 1/4"Y	2
10	6091GT	NUT, NYLOCK, 1/4-20	2
11	43960GT	WIRE CABLE,16/4 CON.TPE JKT	144
12	6622GT	GROUND CONNECTOR,1/2"	1
13	45462GT	ALARM,CHIME TONE 5-25VDC*** Does not include 72326 nut	1
13-	72326GT	NUT - PLASTIC,RING FOR ALARMS	1
14	18963GT	ALARM,INTERMITTENT TONE 6-30V* Does not include 72326 nut	1
14-	72326GT	NUT - PLASTIC,RING FOR ALARMS	1

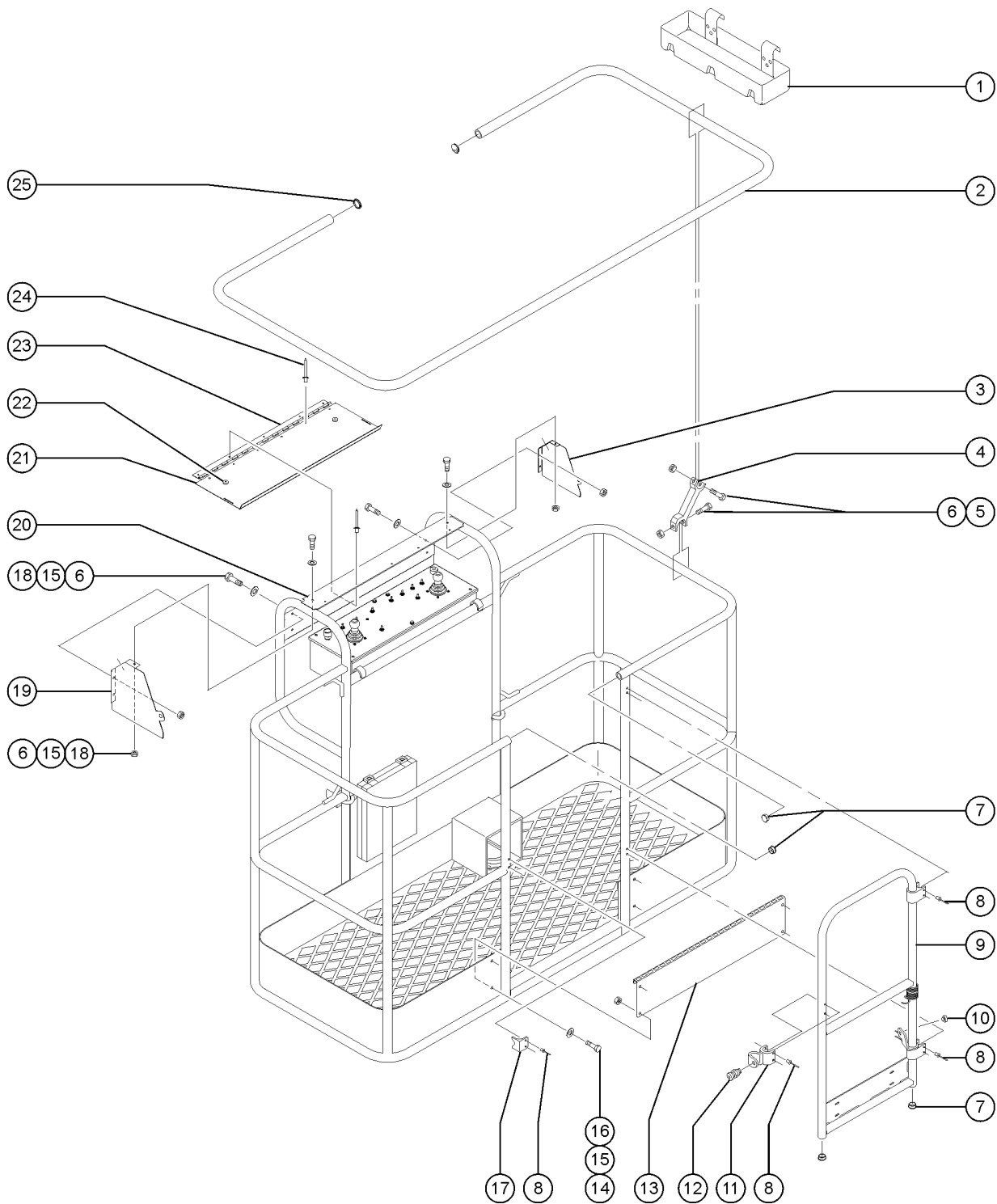
802.1 Platform Options



802.1 Platform Options

Item	Part No.	Description	Qty.
1	9599-SGT	TOOL TRAY ACCESSORY***	1
2	28329GT	RAILING,PINCH GAURD,4 FT includes 2 each index number 31	1
2-	28327GT	RAILING,PINCH GUARD,6 FT.** includes 2 each index number 31	1
2-	28328GT	RAILING,PINCH GAURD,5 FT. includes 2 each index number 31	
3	119797GT	CONTROL BOX COVER, RIGHT SIDE*	
4	28807GT	SUPPORT,RAILING	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	
9	1290135GT	KIT,HALF FRONT,SWING GATE	
9-	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	12161GT	SNAP PIN,(RD.NOSE)-GATE LATCH	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	6090GT	SCREW, HHC, 1/4-20 X .75	2
19	119796GT	CONTROL BOX COVER,LEFT SIDE**	
20	119562PGT	GUARD,PLATFORM CNTRL PANEL PTD	
20-	119642GT	KIT,PLAT CONTROL PANEL GUARD** includes part 119562P, required for first time installation	
21	89915PGT	COVER,CONTROL BOX LID	
21-	119795GT	KIT,CONTROL BOX COVER includes part 89915P, index number 20 is required for first time installation	
22	43392GT	BUMPER,BATTERY BOX & RAILS	

802.1 Platform Options

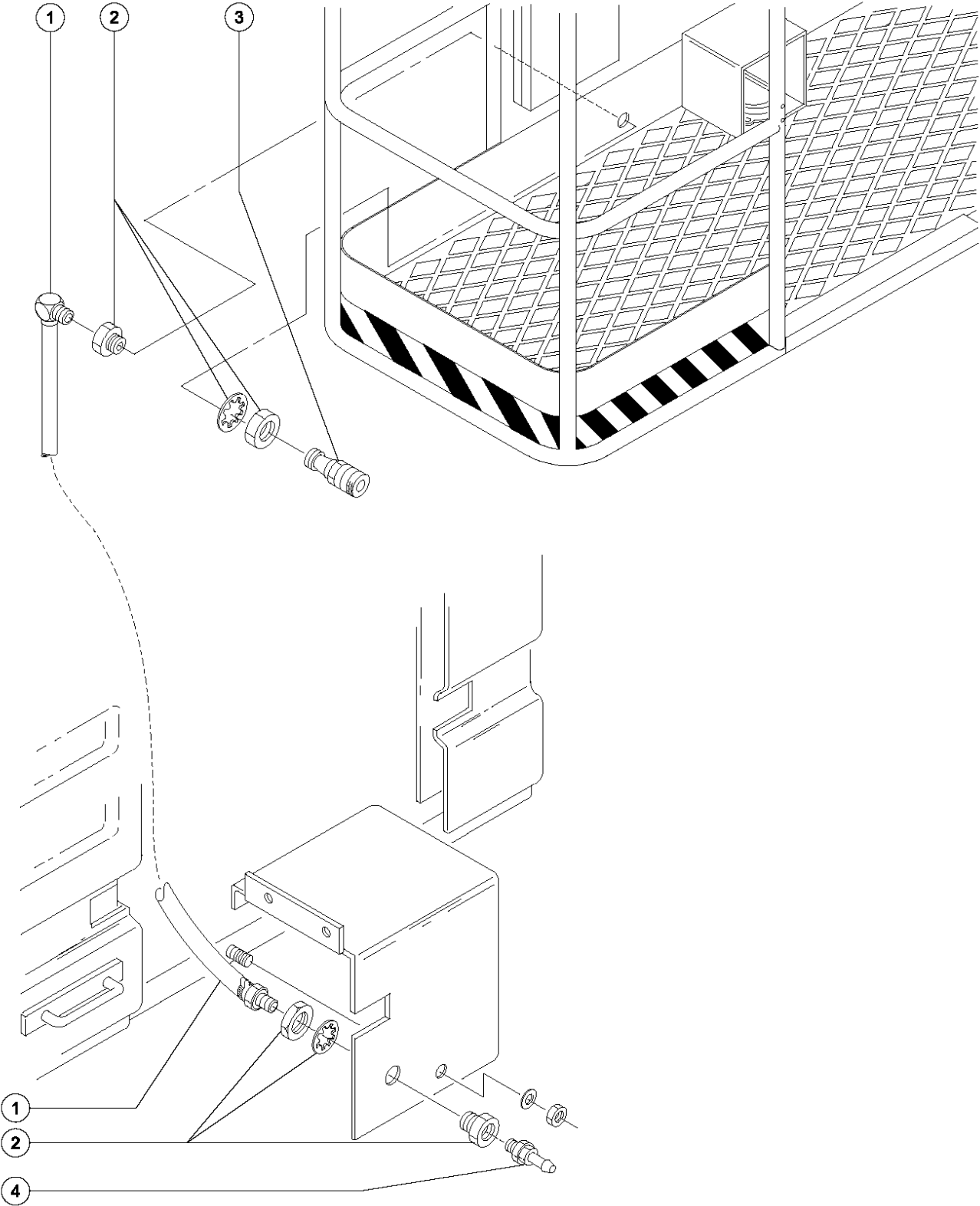


802.1 Platform Options

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23	111526GT	HINGE,PLAT CONTROL BOX COVER	
24	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	
25	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2



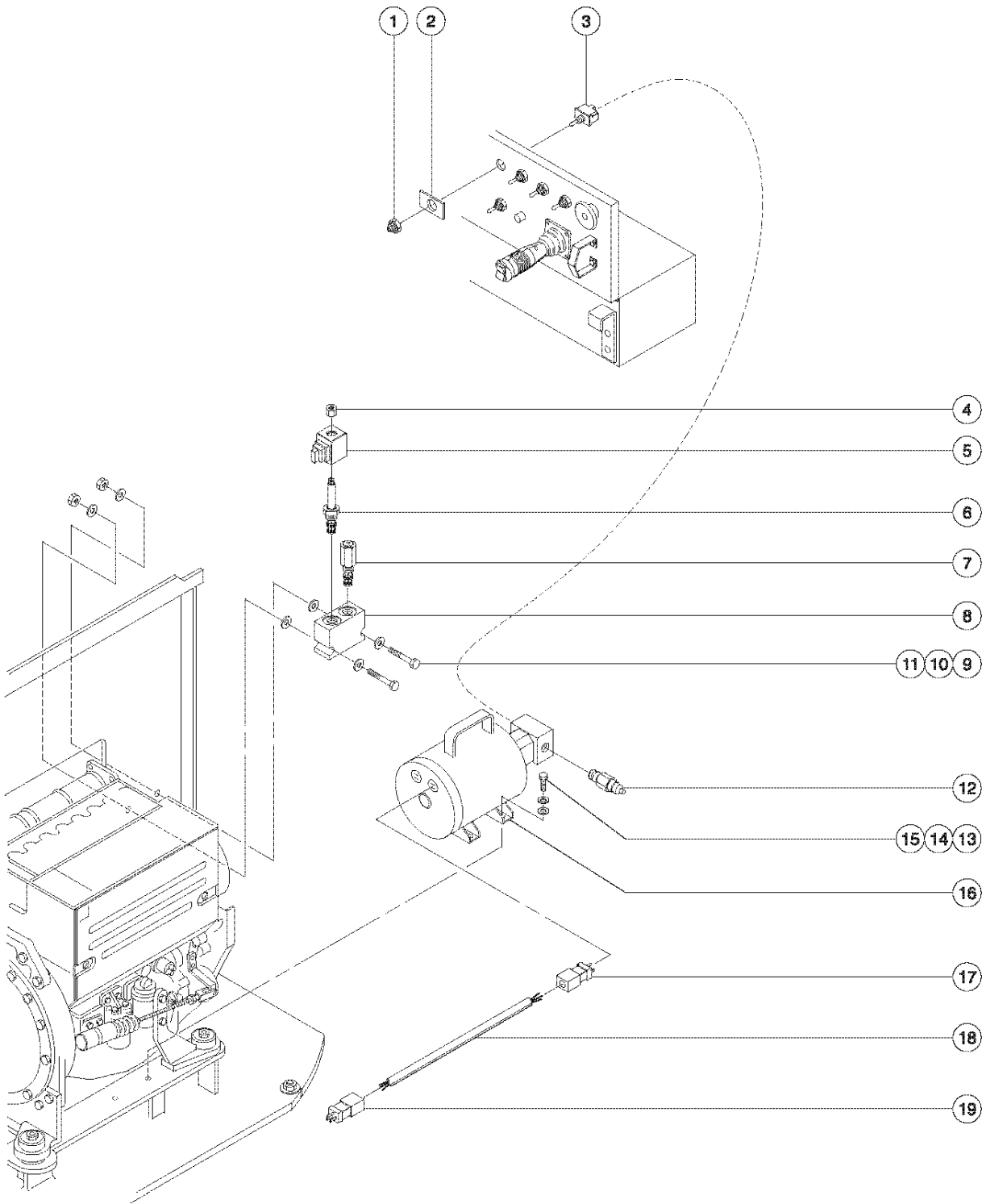
803.1 Airline to Platform



803.1 Airline to Platform

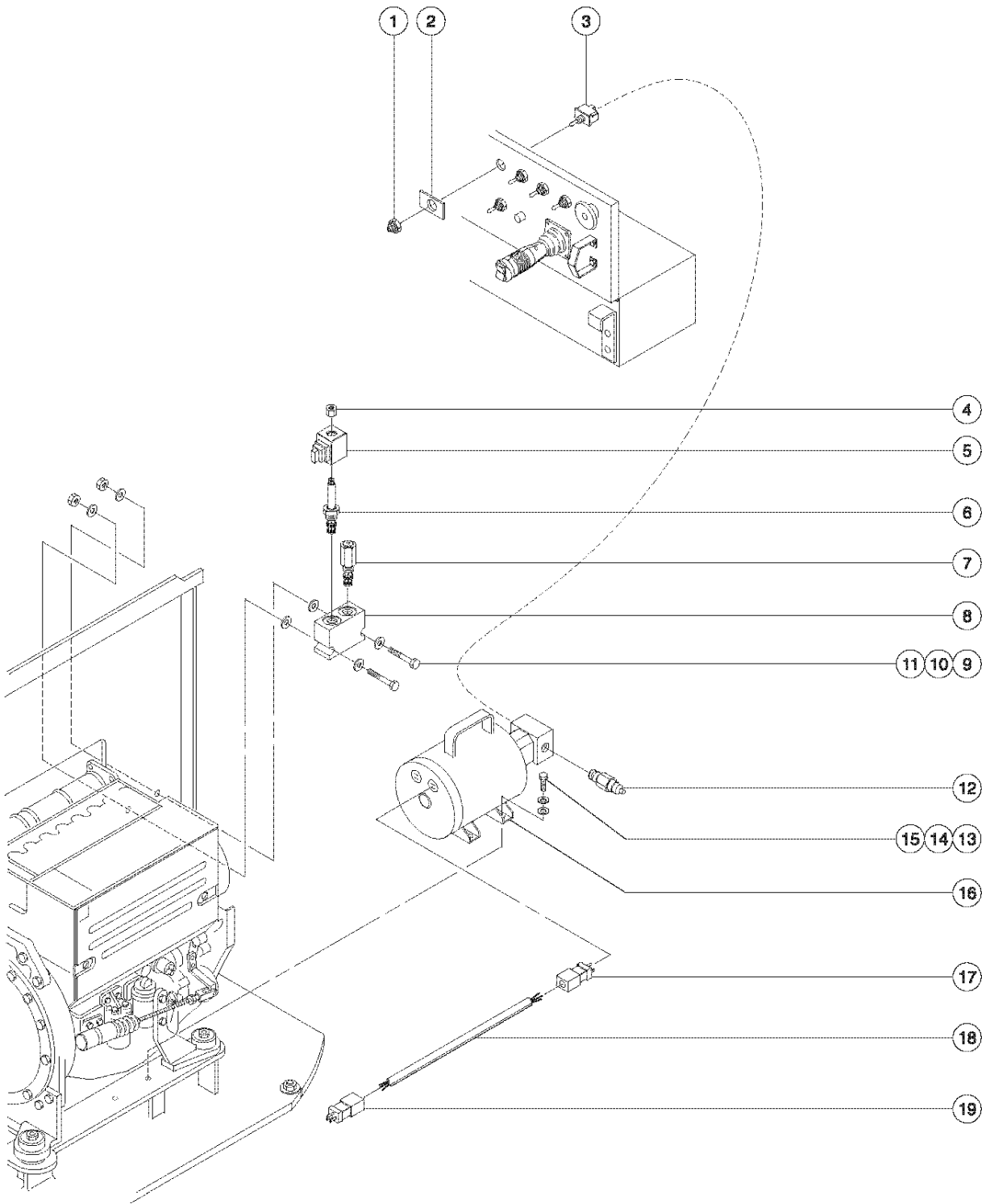
Item	Part No.	Description	Qty.
	27890GT	KIT,FITTING,AIRLINE TO PLATFRM	
1	27905GT	HOSE ASSY,AIRLINE TO PLATFORM	1
2	27900GT	BULKHEAD,FEMALE X 6 X 6	2
3	27895GT	COUPLER,1/4"SERIES 3/8 MPT	1
4	27894GT	PLUG,1/4"SERIES,3/8 MPT	1

804.1 Generators



Item	Part No.	Description	Qty.
	28673GT	OPTION,2000W HYD GENERATOR Z45	
	44430GT	GENERATOR, 3000W HYD. Z45	
1	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
2	32728GT	DECAL,OPTION GENERATOR***	1
3	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT (replaced 27378-S)	1
4	45912GT	NUT,SOLENOID VALVE 2P3W	1
5	45911GT	COIL,20VDC	1
6	45490GT	VALVE,SOLENOID 2 POS.3 WAY	1
		includes index numbers 4 and 5	
7	44950GT	VALVE,RELIEF,1500 PSI***	1
8	28675GT	MANIFOLD,ASSY,GENERATOR	1
		includes index numbers 4 through 7	
9	4266GT	SCREW,HHC,1/4-20 X 2	2
10	6638GT	WASHER, FLAT, USS, 1/4"Y	6
11	6091GT	NUT, NYLOCK, 1/4-20	2
12	32735GT	VALVE,PRI. FLOW REG 4.3	1
		for 2000W & 2500W generators	
13	6888GT	SCREW,HHC,1/4-20 X 1	4
14	6356GT	WASHER,LOCK,.25	4
15	12906GT	WASHER,FENDER,.25 X 1.25 X.062	4
16A	58301GT	GENERATOR,2000W,HYDRAULIC***	1
		includes index number 12	
16A-	32732GT	RECTIFIER ASSEMBLY	
16A-	58402GT	BRIDGE,50A FULL WAVE**	
16A-	32734GT	BRUSH ASSEMBLY	
16A-	32736GT	MOTOR,HYDRAULIC GENERATOR	
16B	111381GT	GEN,HYD,3000W,110V,60HZ	1
		includes index number 12	
16B-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
16B-	32732GT	RECTIFIER ASSEMBLY	
16B-	58402GT	BRIDGE,50A FULL WAVE**	
16B-	52000GT	BRUSH ASSEMBLY	
16B-	52001GT	HYDRAULIC MOTOR 3000W GENER	

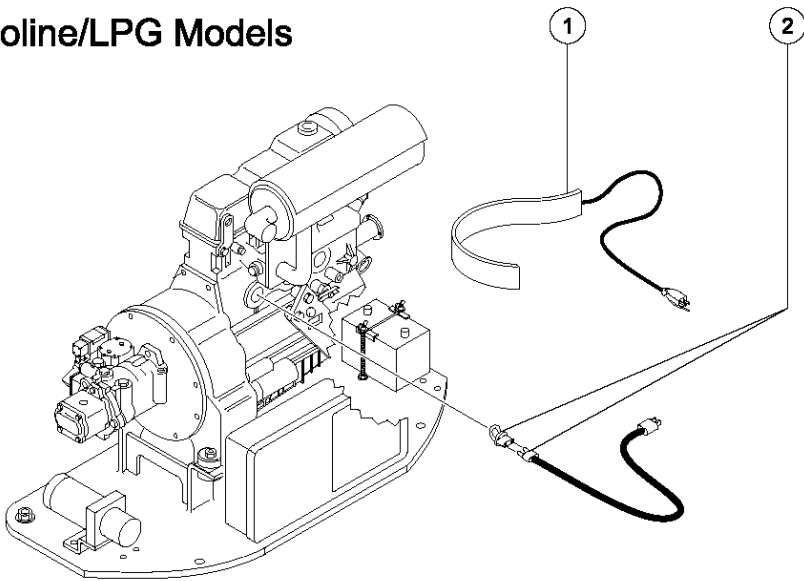
804.1 Generators



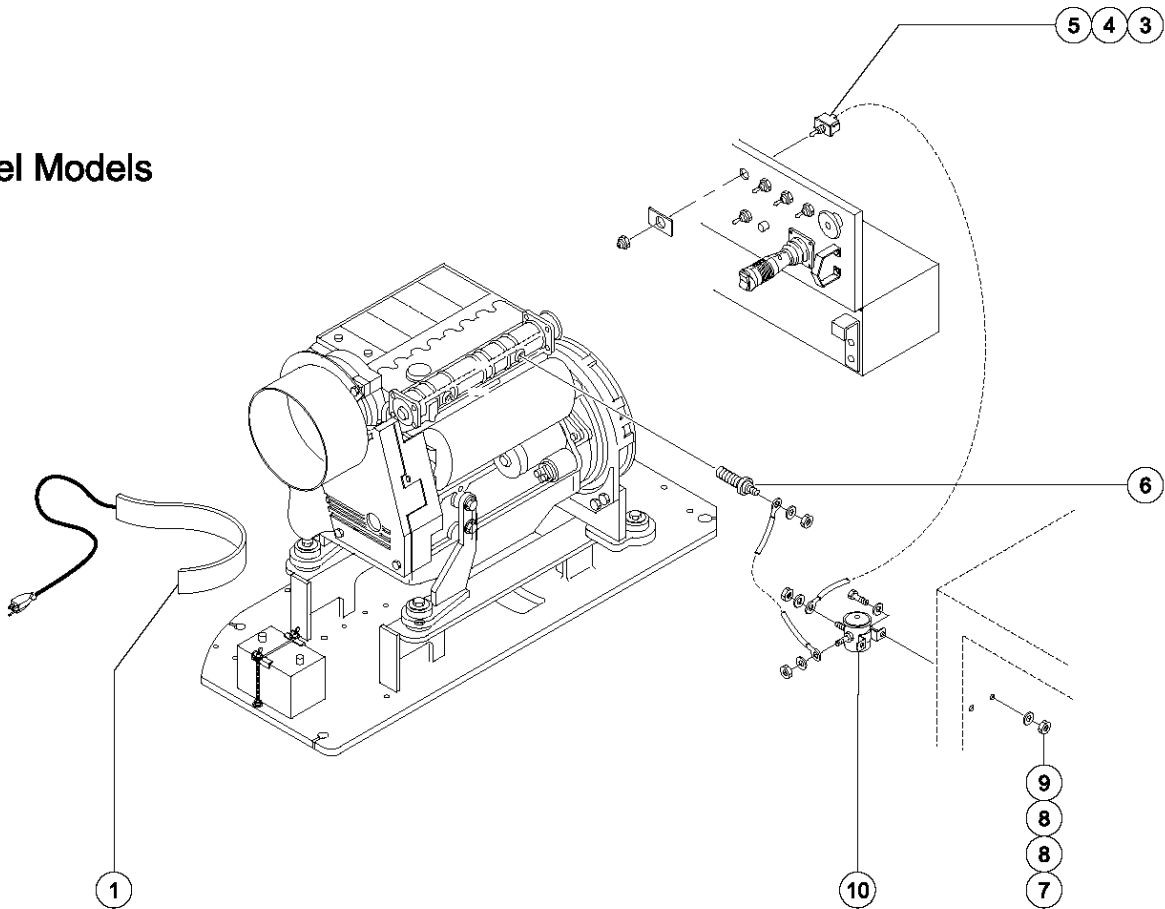
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
16B-	T111608GT	SEAL,RETAINING RING	
16B-	T111609GT	SEAL,SHAFT	
16B-	T111610GT	SPACER	
16B-	T111611GT	BEARING,MOTOR	
16B-	T111612GT	RETAINING RING	
16B-	T111613GT	SHAFT,MOTOR	
16B-	58954GT	O-RING,SPACER #115***	
16B-	147836GT	SEAL, GASKET, .00075" *GOLD*	
16B-	147837GT	SEAL, GASKET, .0005" *SILVER*	
16B-	147838GT	SEAL, GASKET, .0010"	
16B-	147839GT	ASSM, GEN. ONLY, 110V, 60HZ	
17	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
18	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	72
19	119404GT	CONN,RECEP 120AC/15A DOMESTIC	1

805.1 Cold Start Package - Ford and Deutz Engines

Gasoline/LPG Models



Diesel Models



805.1 Cold Start Package - Ford and Deutz Engines

Item	Part No.	Description	Qty.
	35609GT	COLD START PKG,FORD LRG	
	30502GT	COLD START PKG,DEUTZ F3L1011	
1	28853GT	BLANKET,BATTERY Gasoline/LPG and Diesel models	2
2	35610GT	HEATER,FREEZE PLUG,FORD LRG423 Gasoline/LPG models	1
3	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* includes mounting fasteners; Diesel models	1
4	32726GT	DECAL,OPTION GLOW PLUGS*** Diesel models	1
5	27246GT	BOOT,TOGGLE SWITCH,SHORT* Gasoline/LPG and Diesel models	1
6	31408GT	GLOW PLUG,L1011	1
7	6091GT	NUT, NYLOCK, 1/4-20	2
8	6638GT	WASHER, FLAT, USS, 1/4"Y	4
9	6090GT	SCREW, HHC, 1/4-20 X .75	2
10	27155GT	SOLENOID,12V CONTINUOUS*** Diesel models	1

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1487GT	221	7057GT	207	13757GT	53, 59, 85
1488GT	221	7265GT	221	13775GT	89, 133, 195
2327GT	151	7339GT	101, 193	13852GT	195, 197
4266GT	173, 221, 227	7713GT	109, 131, 143	13918GT	131
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5094GT	161, 219	8177GT	99, 125, 187	14033GT	189
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5365GT	141	8357GT	95, 113, 127	16397-SGT	161, 211
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6019GT	31, 65, 99, 99, 181, 195	8914GT	101, 119, 143, 165, 167, 169, 171, 173, 191, 221	17712GT	185
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California Proposition 65



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.