Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

S-80
S-85

from SN 3082 to 7999

Part No. 77810GT
Rev: E.47
April 2024

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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77810GT Rev E.47 April 2024
Third Edition, Fifth Printing

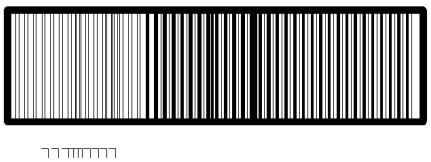
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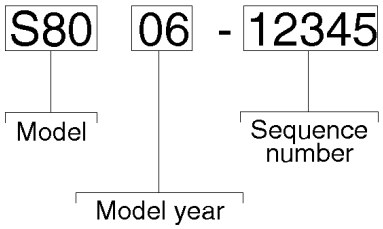
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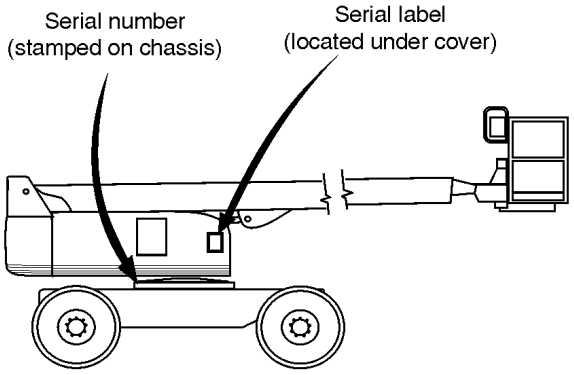
Model: S-80
Serial number: S8006-12345
Model year: 2008 **Manufacture date:** 07/05/08
Electrical schematic number: ES0274
Machine unladen weight:

Rated work load (including occupants): 500 lb / 227 kg
Maximum number of platfrm occupants: 2
Maximum allowable side force : 150 lb / 670 N
Maximum allowable inclination of the chassis:
0 deg
Maximum wind speed : 28 mph/ 12.5 m/s
Maximum platform height : 80 ft/ 24.38 m
Maximum platform reach : 72 ft 5 in/ 22.07 m
Gradeability: N/A
Country of manufacture: USA
This machine complies with:
ANSI A92.5
CAN B.354.4

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







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 S-80 and S-85 Service Manual.

Perkins 704-30 Models
(to serial number 3737):

Description	Part No.
Air Filter	62420
Fuel Filter Element	62421
Fuel/water Separator Filter	65853
Engine Oil Filter	62422
V-belt	62423

Perkins 804D-33 Models
(from serial number 3738):

Description	Part No.
Air Filter	62420
Fuel/water Separator Element	101614
Engine Oil Filter	101613
V-belt	102534

Deutz F4L-913 Models
(to serial number 3772):

Description	Part No.
Air Filter	62420
Fuel/water Separator Filter	75484
Engine Oil Filter	62430
V-belt, Blower	62431
V-belt, Alternator	62432

Deutz BF4L-2011 / TD2011-L04i Models
(from serial number 3773):

Description	Part No.
Air Filter	62420
Fuel/water Separator Filter	29560
Engine Oil Filter	49924
V-belt	102589

GM 3.0L EFI Models:

Description	Part No.
Air Filter	62420
Fuel Pre-Filter	65626
Fuel Pressure Regulator Filter	65627
Engine Oil Filter	65623
V-belt	65621
PCV Valve	65620
Spark Plug	65622

Ford LRG-425 Models:

Description	Part No.
Fuel Pre-Filter	52179
Fuel Pressure Regulator Filter	58967
Engine Oil Filter	28656
Air Filter	77295
Serpentine Belt	52580
PCV Valve	33957
Spark Plug (pack of 4)	106490

Continental TME-27 Models:

Description	Part No.
Fuel Pre-Filter	111797
Fuel Pressure Regulator/Filter	111914
Engine Oil Filter	111917
Air Filter Element	62420
V-belt	111918
PCV Valve	111868
Spark Plug	111890
Spark Plug (pack of 4)	111846

Recommended Parts

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

Manuals

Genie Industries offers the following support documents for these models:

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

Service Parts Fax Order Form

TEREX CORPORATION

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

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

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

Optional Equipment _____

Part Number	Description	Quantity	Price

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

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

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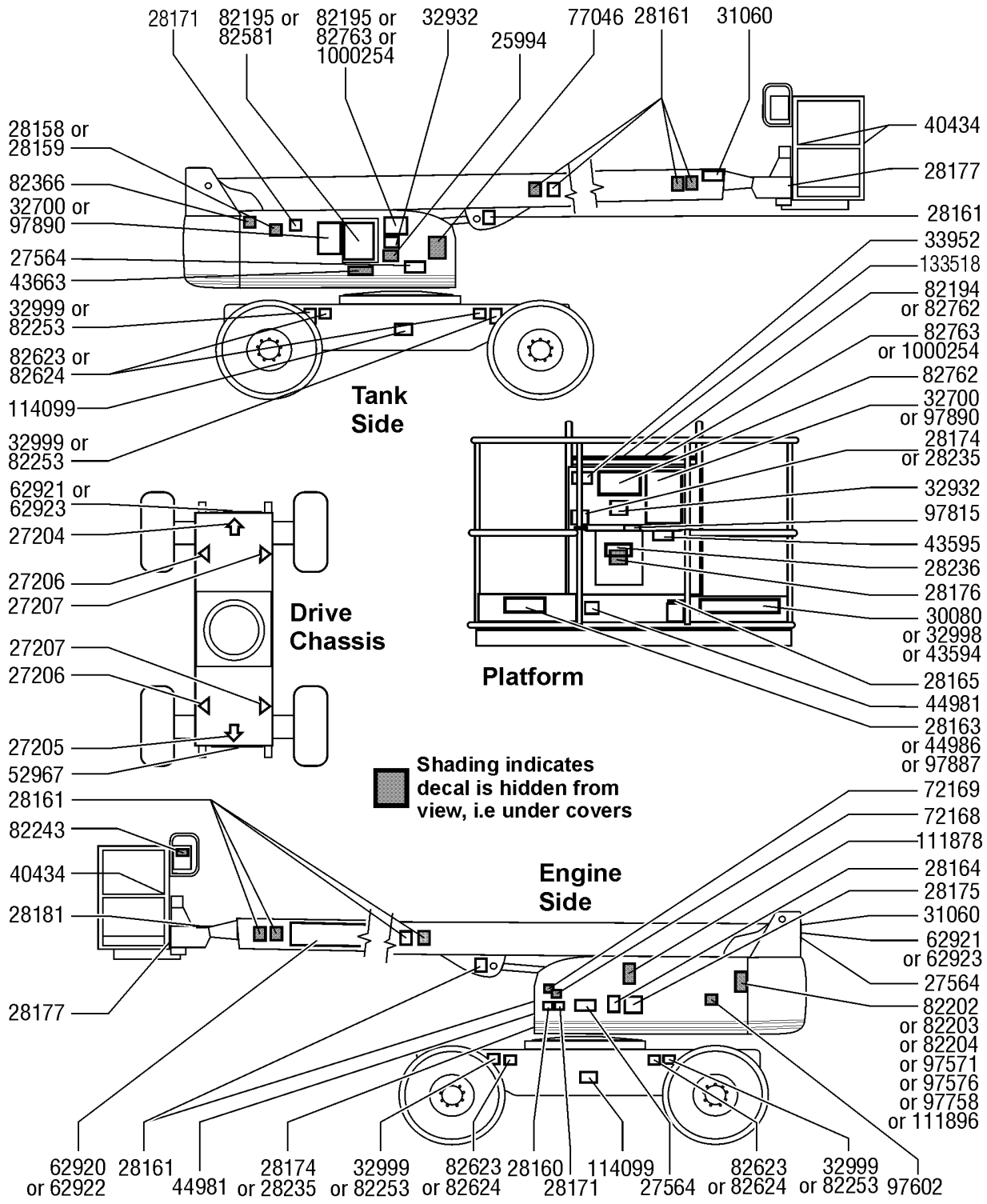
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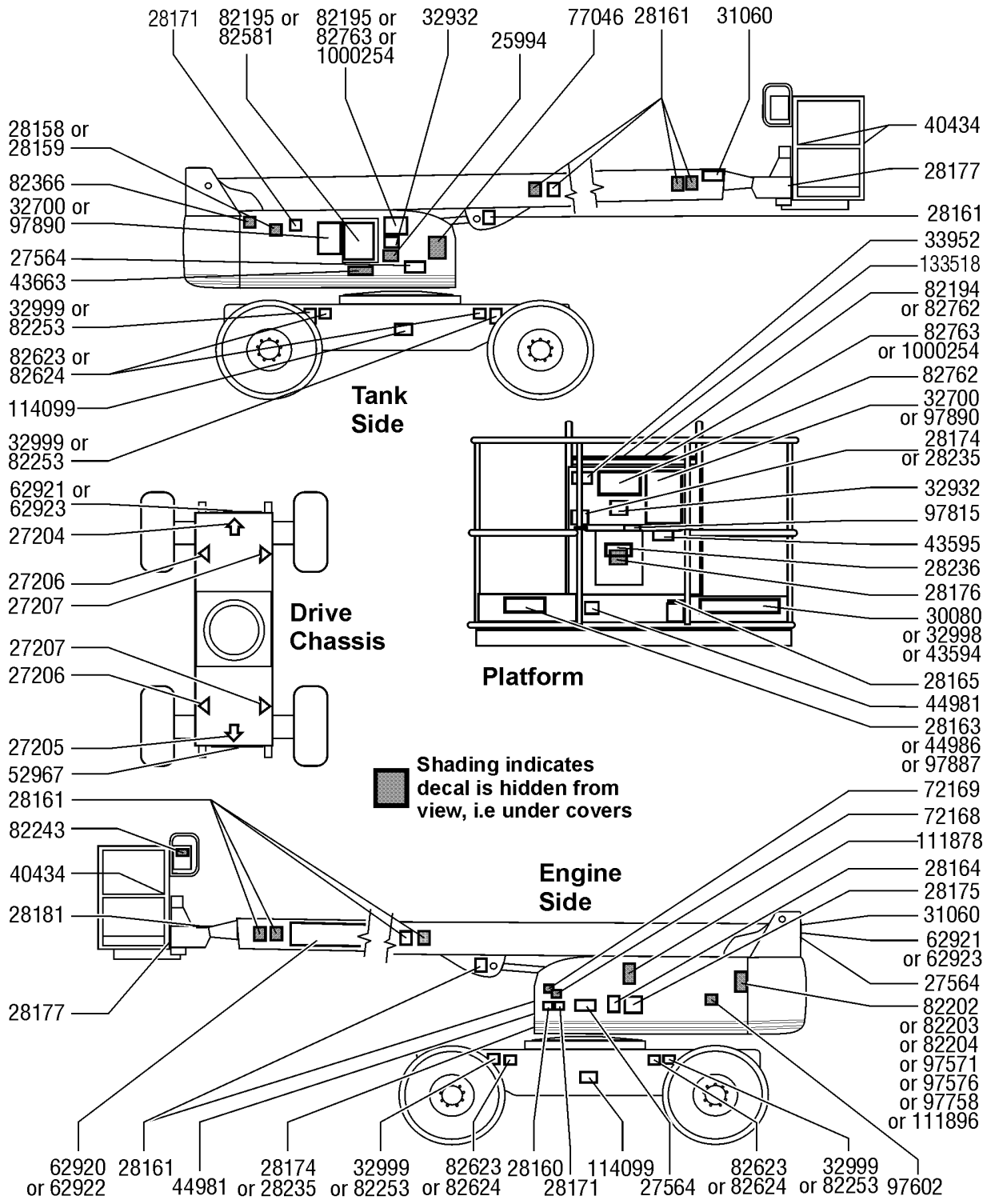
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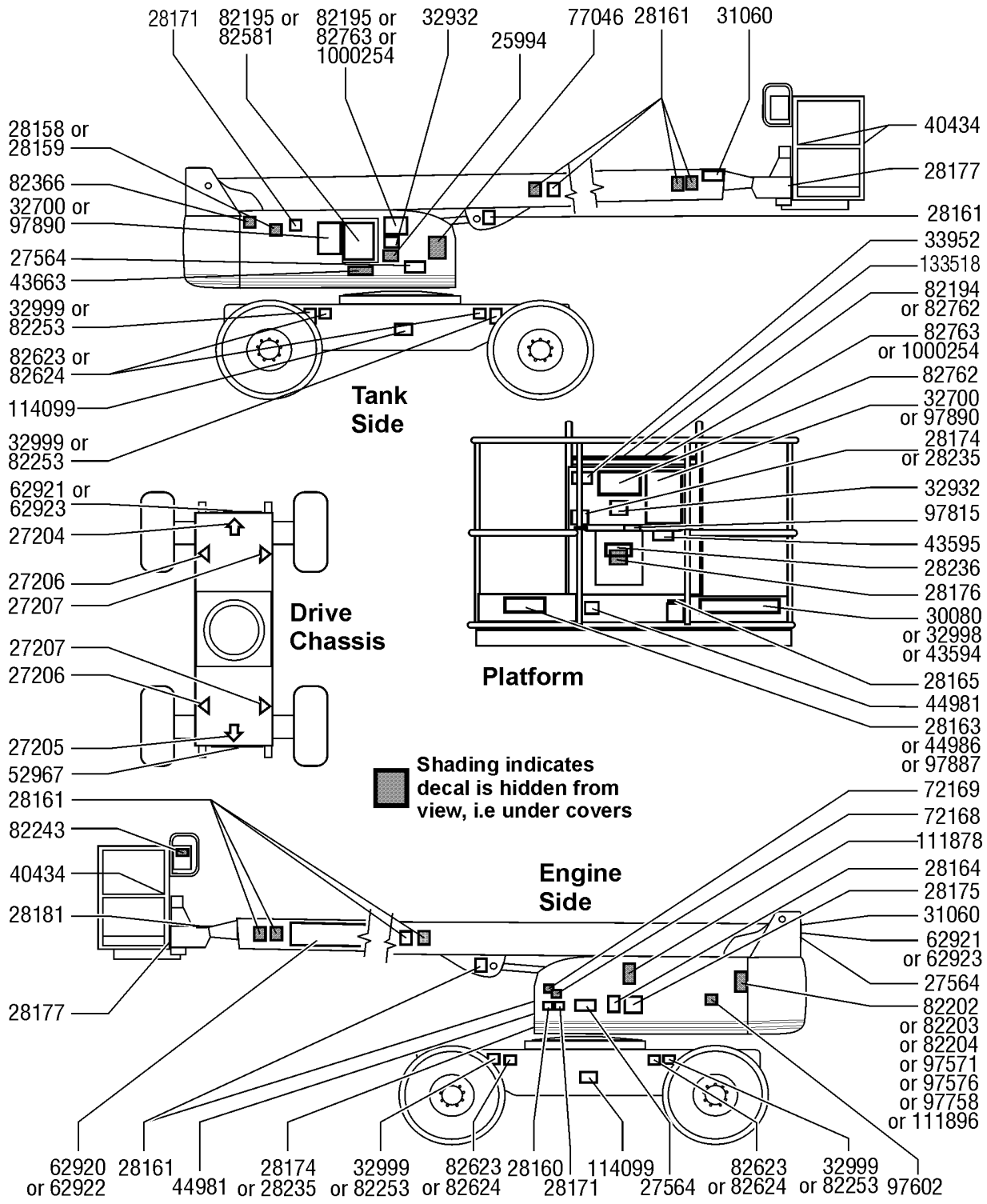
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82195 or 82763 or 1000254
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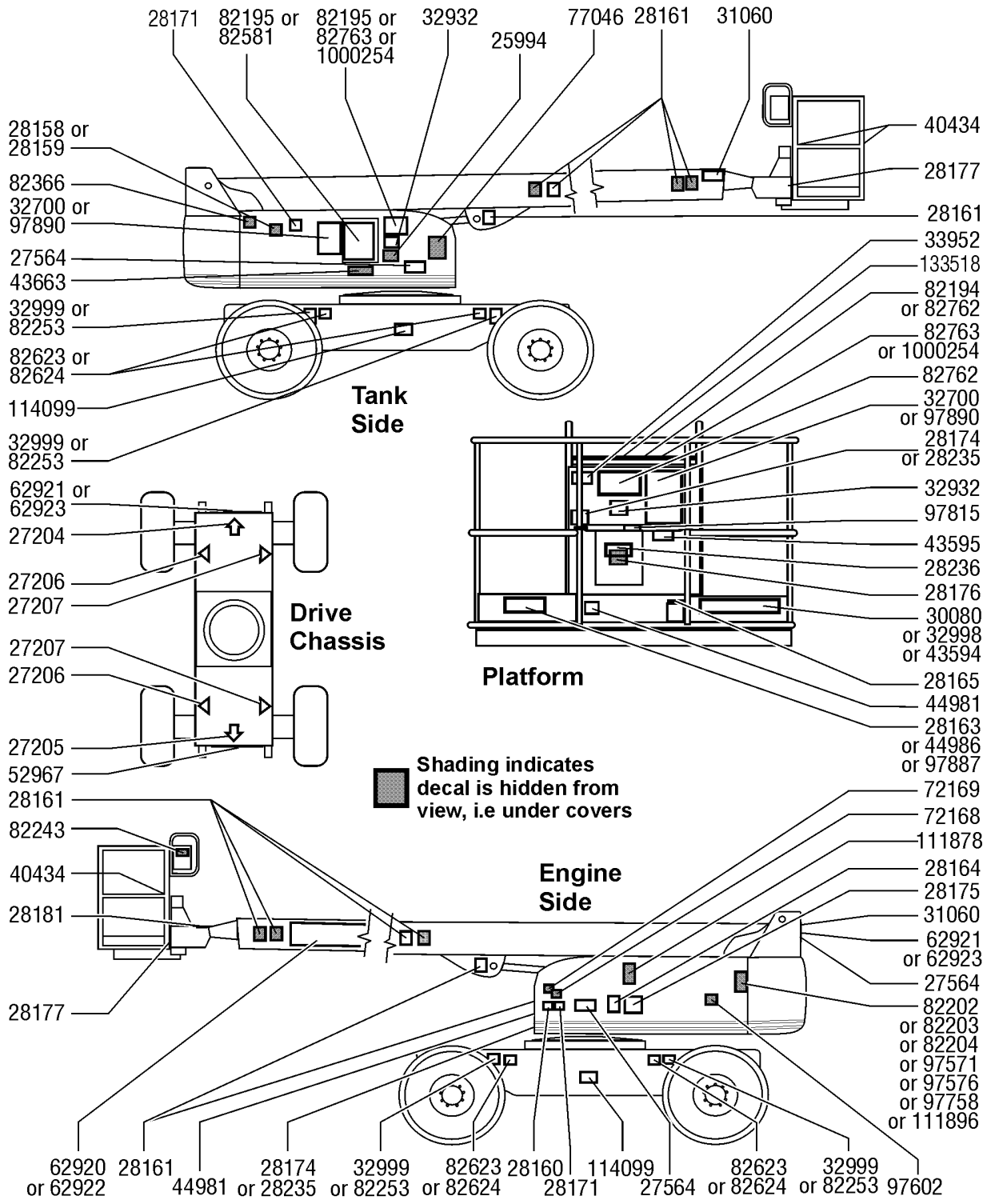
Item	Part No.	Description	Qty.
A-	1284043GT	DECAL KIT,PLAT,S40/80,WORD from SN 3082 to 4666	
A-	1284043GT	DECAL KIT,PLAT,S40/80,WORD from SN 4685 to 4702	
A-	1255410GT	DECAL KIT,PLAT,S40/60/80,WORD from SN 4667 to 4684	
A-	1255410GT	DECAL KIT,PLAT,S40/60/80,WORD from SN 4703 to 7999	
	102435GT	DECAL KIT W/WORDS S80/85 includes items 1-10, 12-14, 16-19, 21, 23, 24, 26, 28-30, 32, 42, 43, 49, 51, 52, 55, and 56; to SN 3576	
	102443GT	WORD DECAL KIT SERV S80/85 includes items 1-10, 12-14, 16-19, 21, 23, 24, 26, 28-30, 32, 42, 43, 49, 51, 52, 55, and 56; from SN 3577 to SN 4666	
	111323GT	WORD DECAL KIT SERV S80/85 includes items 1-10, 12-14, 16-19, 21, 23, 24, 26, 28-30, 32, 42, 43, 49, 51, 52, 55, 56, and 59; from SN 4667 to SN 4684	
	102443GT	WORD DECAL KIT SERV S80/85 includes items 1-10, 12-14, 16-19, 21, 23, 24, 26, 28-30, 32, 42, 43, 49, 51, 52, 55, and 56; from SN 4685 to SN 4702	
	111323GT	WORD DECAL KIT SERV S80/85 includes items 1-10, 12-14, 16-19, 21, 23, 24, 26, 28-30, 32, 42, 43, 49, 51, 52, 55, 56 and 59; from SN 4703	
	82926GT	DECAL,LABEL,ALC BOARD 89353 to SN 4075	
	97807GT	DECAL,LABEL,ALC S80*** from SN 4076	
1	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
2	27204GT	DECAL,ARROW BLUE	1
3	27205GT	DECAL,ARROW YELLOW LRG 9"	1
4	27206GT	DECAL,TRIANGLE,BLUE	2
5	27207GT	DECAL,TRIANGLE,YELLOW	2
6	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	3
7	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
8	28159GT	DECAL,DIESEL	1
9	28160GT	DECAL,LABEL,LIQUID PROPANE	1
10	28161GT	DECAL,WARN,CRUSH HAZARD HAND	11
11	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI USA/Canada Models; to SN 4666	1
11-	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI USA/Canada Models; from SN 4667	
12	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
13	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
14	28171GT	DECAL,DANGER,NO SMOKING ***	2
15	28174GT	DECAL,POWER TO PLATFORM 230V	2


28171
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82195 or 82763 or 1000254
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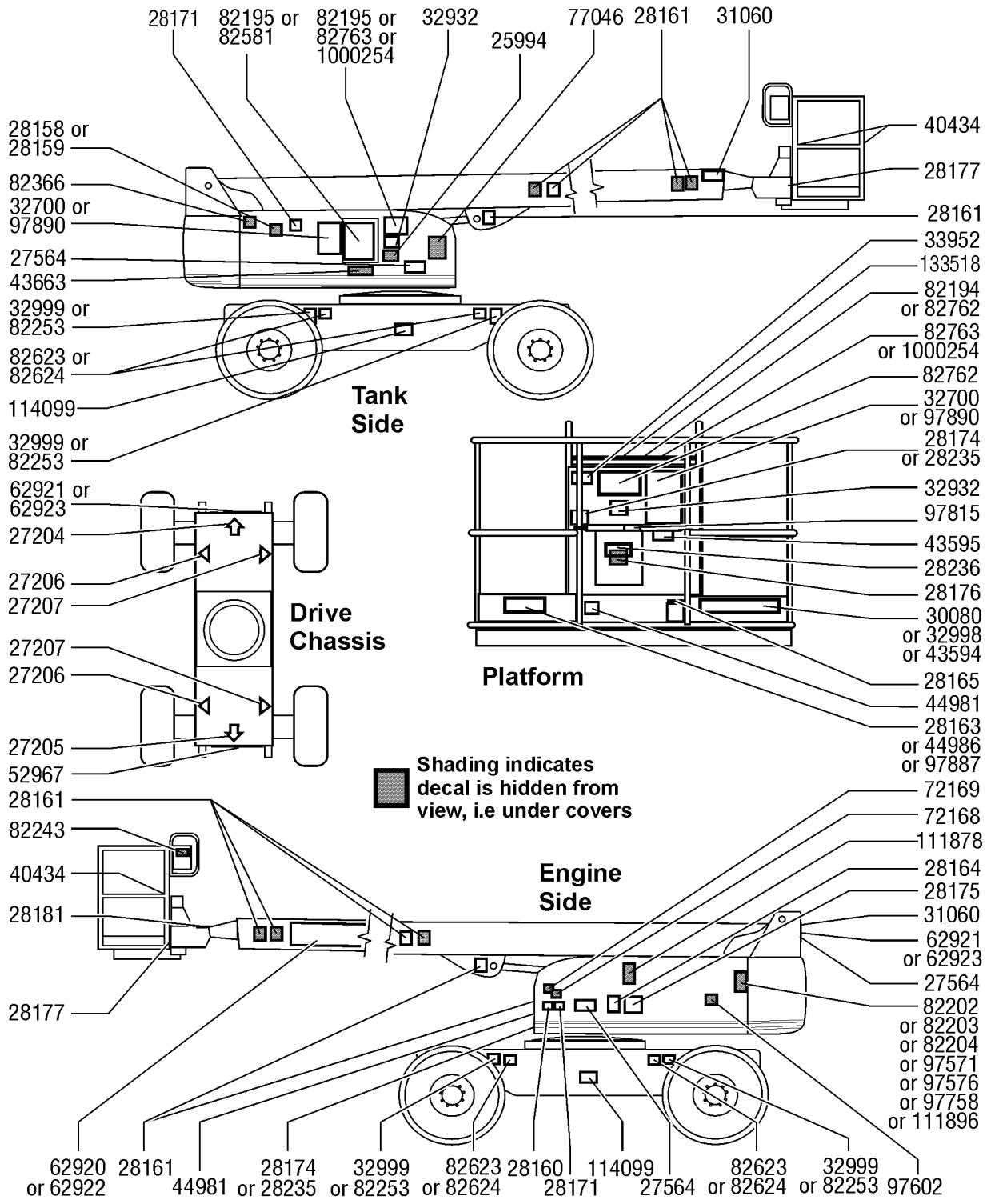
Item	Part No.	Description	Qty.
16	28175GT	DECAL,WARNING-COMPART ACCESS	1
17	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
18	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
19	28181GT	DECAL,WARN,FALL HAZARD	1
20	28235GT	DECAL,POWER TO PLATFORM 115V	2
21	28236GT	DECAL,WARN,IMPROPER OPERATION	1
22	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
23	31060GT	DECAL,DANGER DO NOT ALTER SWTC	2
24	97890GT	DECAL,DANGER,GEN SAFETY RULES to SN 4666	2
24-	97890GT	DECAL,DANGER,GEN SAFETY RULES from SN 4667	
25	133518GT	DECAL, PATCH, GEN,ALC-500	1
26	32932GT	DECAL,DANGER,TIPOVER,AXLES	2
27	32998GT	DECAL,NOTICE,MAX LOAD 600 LBS	1
28	32999GT	DECAL,NOTICE,TIRE PRESSURE	4
29	33952GT	DECAL,DANGER,TILT ALARM	1
30	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
31	43594GT	DECAL,NOTICE,MAX LOAD 750 LBS	1
32	43663GT	DECAL,NOTICE, FUNCTION ENABLE*	1
33	43595GT	DECAL,DANGER,TIP-OVER,TIRES***	1
34	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
35	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1
36	52967GT	DECAL,COSMETIC,4 X 4	1
37	62920GT	DECAL,COSMETIC,GENIE S-80	1
38	62921GT	DECAL,COSMETIC,S80	2
41	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
41	77183GT	FILM,POLY,CLEAR,4.5 X 8.75	
42	72168GT	DECAL,LABEL,STARTER BATTERY	1
43	72169GT	DECAL,LABEL,CONTROLS BATTERY	1


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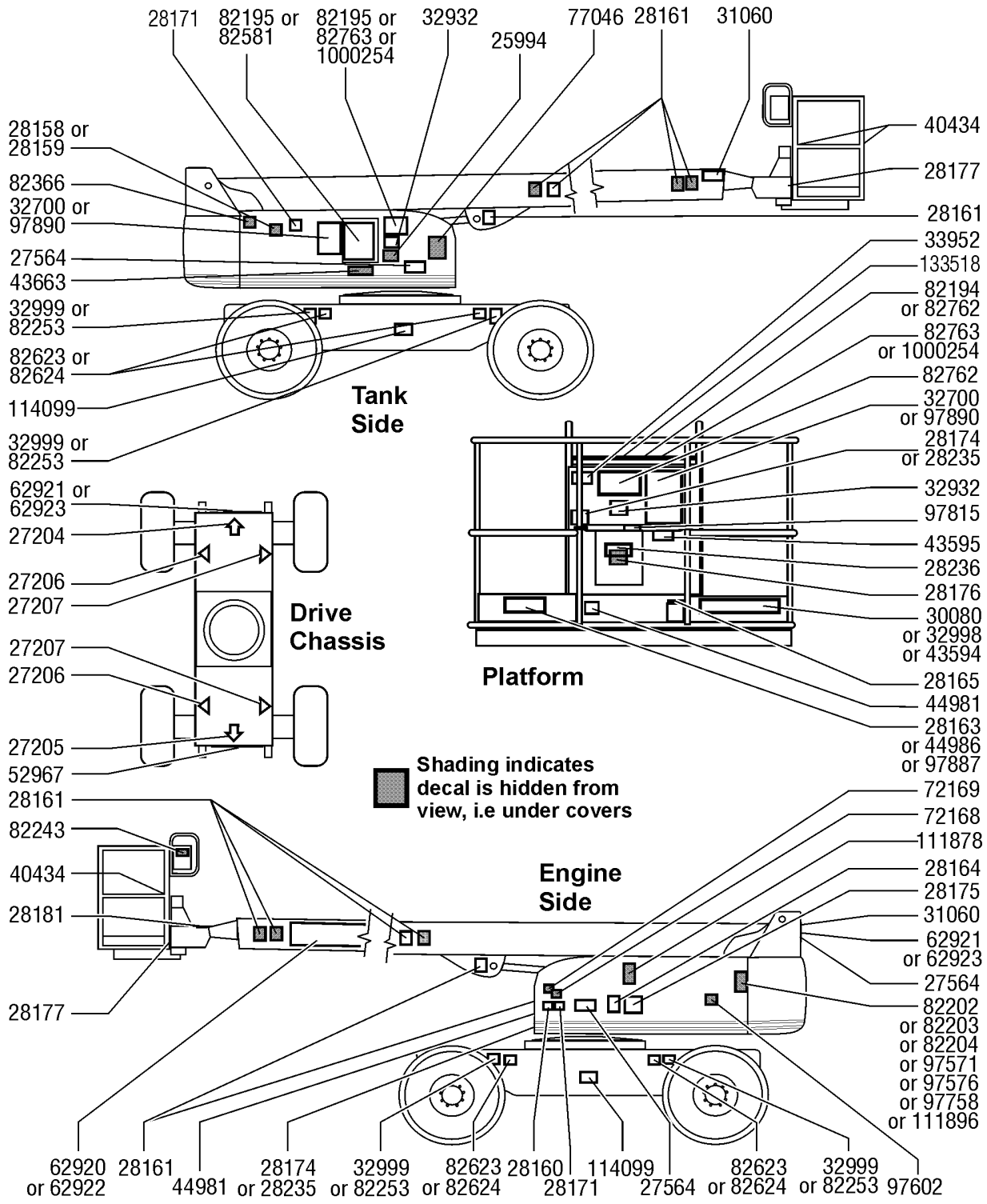
Item	Part No.	Description	Qty.
44	82202GT	DECAL,NOTICE,DEUTZ ENG SPEC to SN 3737	1
44	97758GT	DECAL,WARN.WELD LINE INST.WORD from SN 3773 to 6768	
44	122627GT	DECAL,T3 ENGINE SPEC.PERKINS from SN 6769	
45	82203GT	DECAL,NOTICE,GM 3.0 ENG SPEC	1
46	97571GT	DECAL,NOTICE,FORD ENG SPECS T2	1
47	82204GT	DECAL,DANGER,HIGH VOLTAGE to SN 3772	1
47	97576GT	DECAL,EXPLOSION HAZARD from SN 3773 to 6768	
47	128953GT	DECAL,ENGINE SPEC,DEUTZ,TD2011 from SN 6769	
48	111896GT	DECAL,ENG.SPECS,CONTINENTAL	1
49	82243GT	DECAL FAULT CODE	1
50	82253GT	DECAL,NOTICE,HF TIRES-S80/S85	4
51	82366GT	DECAL,CHEVRON RANDO HD	1
52	82195GT	DECAL,GROUND CONTROL PANEL to SN 3576	1
52-	82581GT	DECAL,GROUND CONTROL PANEL from SN 3577	
53	82623GT	DECAL,LABEL,WHEEL LOAD S80	4
55	82194GT	DECAL,PLAT.CONTROL PANEL,S80 to SN 3576	1
55	82762GT	DECAL,PLAT.CONTROL PANEL,S80 from SN 3577	
55A	82762FRGT	DECAL,PLAT.CONTROL PANEL,S80 (FRENCH) from SN 3577 (french)	
55-	82244GT	DECAL,PROTECTOR,CLEAR***	
56	82207GT	DECAL,NOTICE,OPERATING INST.IC to SN 3576	2
56-	82763GT	DECAL,NOTICE,OPERATING INST.IC from SN 3577 to SN 4666	
56-	82763GT	DECAL,NOTICE,OPERATING INST.IC from SN 4685 to SN 4702	
56-	1000254GT	DECAL,NOTICE,OPERATING INST.IC from SN 4667 to SN 4684	
56-	1000254GT	DECAL,NOTICE,OPERATING INST.IC from SN 4703	
57	97602GT	DECAL,EXPLOSION HAZARD	1
58	114099GT	DECAL,LABEL,TRANSPORT DIAGRAM	2
59	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
60	111878GT	DECAL,FUSE AND RELAY TME27	1


28171
82195 or 82581
82195 or 82763 or 1000254
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32999 or 82253
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Tank Side
Drive Chassis
Platform
Engine Side
Shading indicates decal is hidden from view, i.e under covers
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82194 or 82762
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32700 or 97890
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82202 or 82203 or 82204 or 97571 or 97576 or 97758 or 111896
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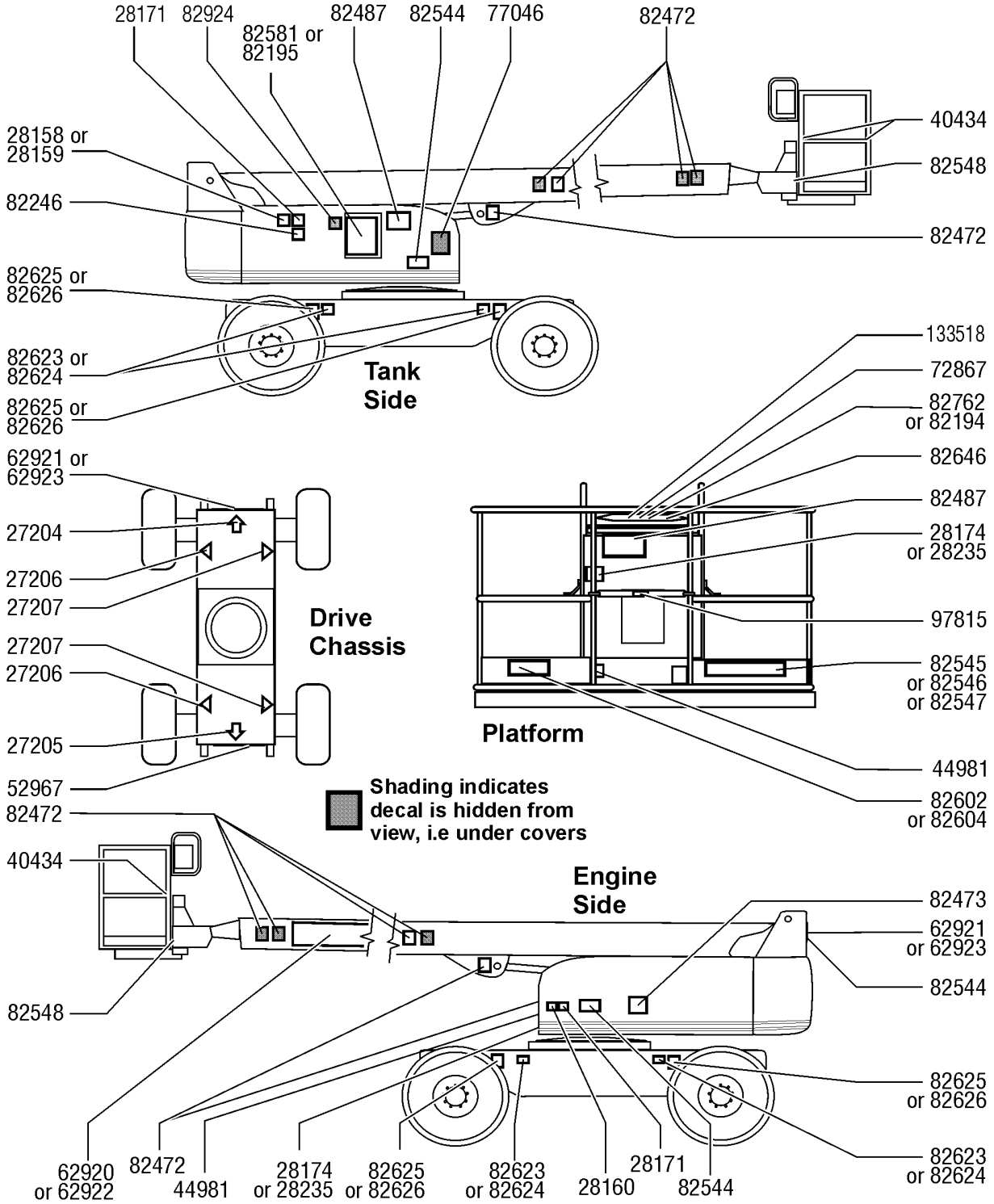
Item	Part No.	Description	Qty.
	102435GT	DECAL KIT W/WORDS S80/85 includes items 1-10, 12-14, 16-19, 21, 23, 24, 26, 28-30, 32, 42, 43, 49, 51, 52, 55, and 56; to SN 3576	
	102443GT	WORD DECAL KIT SERV S80/85 includes items 1-10, 12-14, 16-19, 21, 23, 24, 26, 28-30, 32, 42, 43, 49, 51, 52, 55, and 56; from SN 3577 to SN 4666	
	111323GT	WORD DECAL KIT SERV S80/85 includes items 1-10, 12-14, 16-19, 21, 23, 24, 26, 28-30, 32, 42, 43, 49, 51, 52, 55, 56 and 59; from SN 4667 to SN 4684	
	102443GT	WORD DECAL KIT SERV S80/85 includes items 1-10, 12-14, 16-19, 21, 23, 24, 26, 28-30, 32, 42, 43, 49, 51, 52, 55, and 56; from SN 4685 to SN 4702	
	111323GT	WORD DECAL KIT SERV S80/85 includes items 1-10, 12-14, 16-19, 21, 23, 24, 26, 28-30, 32, 42, 43, 49, 51, 52, 55, 56 and 59; from SN 4703	
	82926GT	DECAL,LABEL,ALC BOARD 89353 ..... to SN 4075	
	97807GT	DECAL,LABEL,ALC S80*** ..... from SN 4076	
1	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
2	27204GT	DECAL,ARROW BLUE	1
3	27205GT	DECAL,ARROW YELLOW LRG 9"	1
4	27206GT	DECAL,TRIANGLE,BLUE	2
5	27207GT	DECAL,TRIANGLE,YELLOW	2
6	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	3
7	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
8	28159GT	DECAL,DIESEL	1
9	28160GT	DECAL,LABEL,LIQUID PROPANE	1
10	28161GT	DECAL,WARN,CRUSH HAZARD HAND	11
11	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI ..... USA/Canada Models; to SN 4666	1
11-	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI ..... USA/Canada Models; from SN 4667	
12	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
13	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
14	28171GT	DECAL,DANGER,NO SMOKING ***	2
15	28174GT	DECAL,POWER TO PLATFORM 230V	2
16	28175GT	DECAL,WARNING-COMPART ACCESS	1
17	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
18	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
19	28181GT	DECAL,WARN,FALL HAZARD	1


28171
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82195 or 82763 or 1000254
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82194 or 82762
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28163 or 44986 or 97887
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82202 or 82203 or 82204 or 97571 or 97576 or 97758 or 111896
Tank Side
Drive Chassis
Platform
Engine Side
Shading indicates decal is hidden from view, i.e under covers
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28174 or 28235
32999 or 82253
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82623 or 82624
32999 or 82253
97602

Item	Part No.	Description	Qty.
20	28235GT	DECAL,POWER TO PLATFORM 115V	2
21	28236GT	DECAL,WARN,IMPROPER OPERATION	1
22	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
23	31060GT	DECAL,DANGER DO NOT ALTER SWTC	2
24	97890GT	DECAL,DANGER,GEN SAFETY RULES to SN 4666	2
24-	97890GT	DECAL,DANGER,GEN SAFETY RULES from SN 4667	
25	133518GT	DECAL, PATCH, GEN,ALC-500	1
26	32932GT	DECAL,DANGER,TIPOVER,AXLES	2
27	32998GT	DECAL,NOTICE,MAX LOAD 600 LBS	1
28	32999GT	DECAL,NOTICE,TIRE PRESSURE	4
29	33952GT	DECAL,DANGER,TILT ALARM	1
30	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
31	43594GT	DECAL,NOTICE,MAX LOAD 750 LBS	1
32	43663GT	DECAL,NOTICE, FUNCTION ENABLE*	1
33	43595GT	DECAL,DANGER,TIP-OVER,TIRES***	1
34	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
35	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1
36	52967GT	DECAL,COSMETIC,4 X 4	1
39	62922GT	DECAL,COSMETIC,GENIE S-85	1
40	62923GT	DECAL,COSMETIC,S85	2
41	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
41-	77183GT	FILM,POLY,CLEAR,4.5 X 8.75	
42	72168GT	DECAL,LABEL,STARTER BATTERY	1
43	72169GT	DECAL,LABEL,CONTROLS BATTERY	1
44	82202GT	DECAL,NOTICE,DEUTZ ENG SPEC to SN 3737	1
44-	97758GT	DECAL,WARN.WELD LINE INST.WORD from SN 3738 to 6768	
44	122627GT	DECAL,T3 ENGINE SPEC.PERKINS from SN 6769	
45	82203GT	DECAL,NOTICE,GM 3.0 ENG SPEC	1

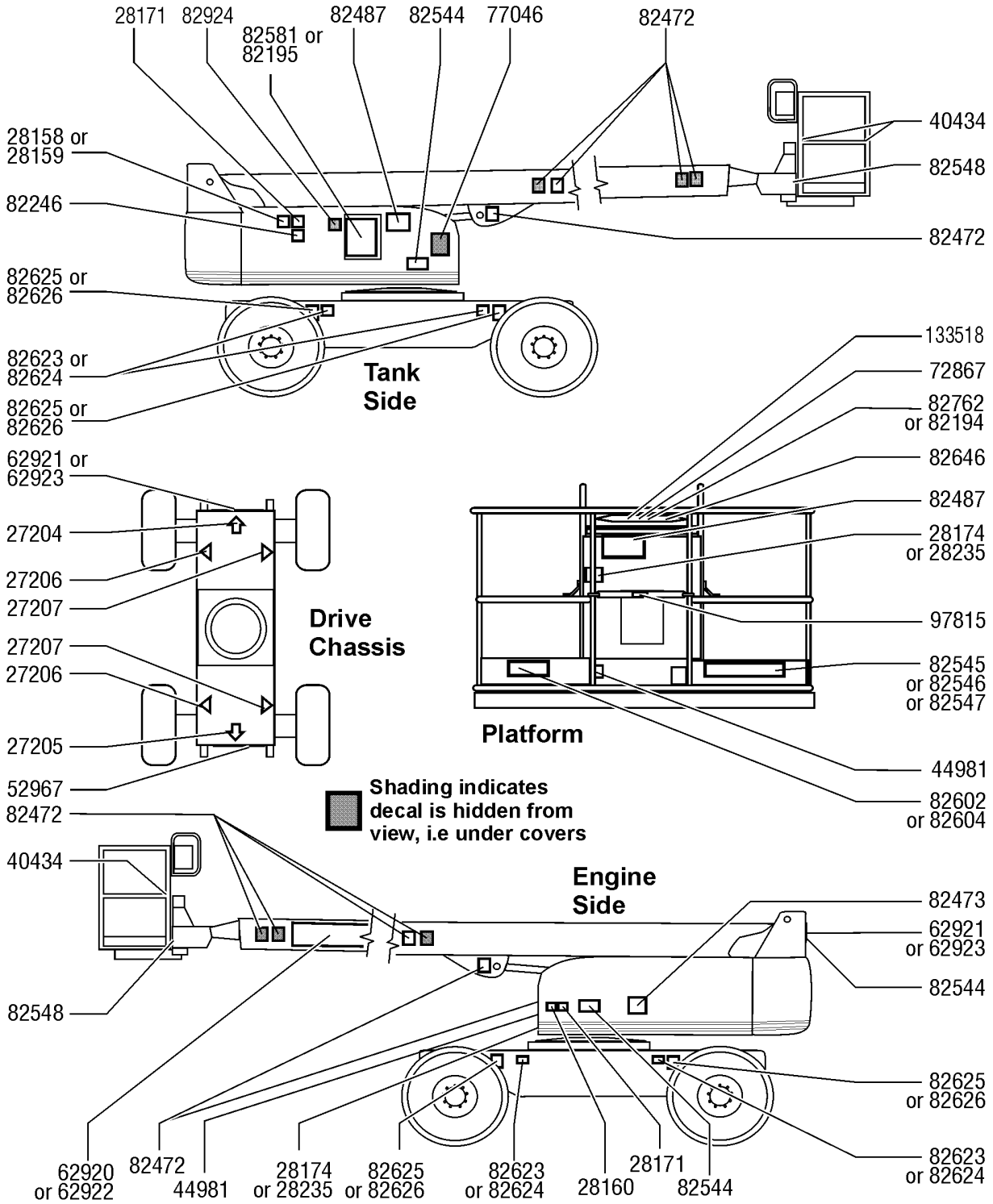

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82195 or 82763 or 1000254
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82623 or 82624
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Tank Side
Drive Chassis
Platform
Engine Side
Shading indicates decal is hidden from view, i.e under covers
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82763 or 1000254
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32700 or 97890
28174 or 28235
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30080 or 32998 or 43594
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28163 or 44986 or 97887
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82202 or 82203 or 82204 or 97571 or 97576 or 97758 or 111896
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82623 or 82624
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82623 or 82624
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Item	Part No.	Description	Qty.
46	97571GT	DECAL,NOTICE,FORD ENG SPECS T2	1
47	82204GT	DECAL,DANGER,HIGH VOLTAGE to SN 3772	1
47-	97576GT	DECAL,EXPLOSION HAZARD from SN 3773 to 6768	
47	128953GT	DECAL,ENGINE SPEC,DEUTZ,TD2011 from SN 6769	
48	111896GT	DECAL,ENG.SPECS,CONTINENTAL	1
49	82243GT	DECAL FAULT CODE	1
50	82253GT	DECAL,NOTICE,HF TIRES-S80/S85	4
51	82366GT	DECAL,CHEVRON RANDO HD	1
52	82195GT	DECAL,GROUND CONTROL PANEL to SN 3576	1
52-	82581GT	DECAL,GROUND CONTROL PANEL from SN 3577	
54	82624GT	DECAL,LABEL,WHEEL LOAD S85	4
55	82194GT	DECAL,PLAT.CONTROL PANEL,S80 to SN 3576	1
55-	82762GT	DECAL,PLAT.CONTROL PANEL,S80 from SN 3577	
55-	82762FRGT	DECAL,PLAT.CONTROL PANEL,S80 (FRENCH) (FRENCH)	
55-	82244GT	DECAL,PROTECTOR,CLEAR***	
56	82207GT	DECAL,NOTICE,OPERATING INST.IC to SN 3576	2
56-	82763GT	DECAL,NOTICE,OPERATING INST.IC from SN 3577 to SN 4666	
56-	1000254GT	DECAL,NOTICE,OPERATING INST.IC from SN 4685 to SN 4702	
56-	82763GT	DECAL,NOTICE,OPERATING INST.IC from SN 4667 to SN 4684	
56-	1000254GT	DECAL,NOTICE,OPERATING INST.IC from SN 4703	
57	97602GT	DECAL,EXPLOSION HAZARD	1
58	114099GT	DECAL,LABEL,TRANSPORT DIAGRAM	2
59	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
60	111878GT	DECAL,FUSE AND RELAY TME27	1

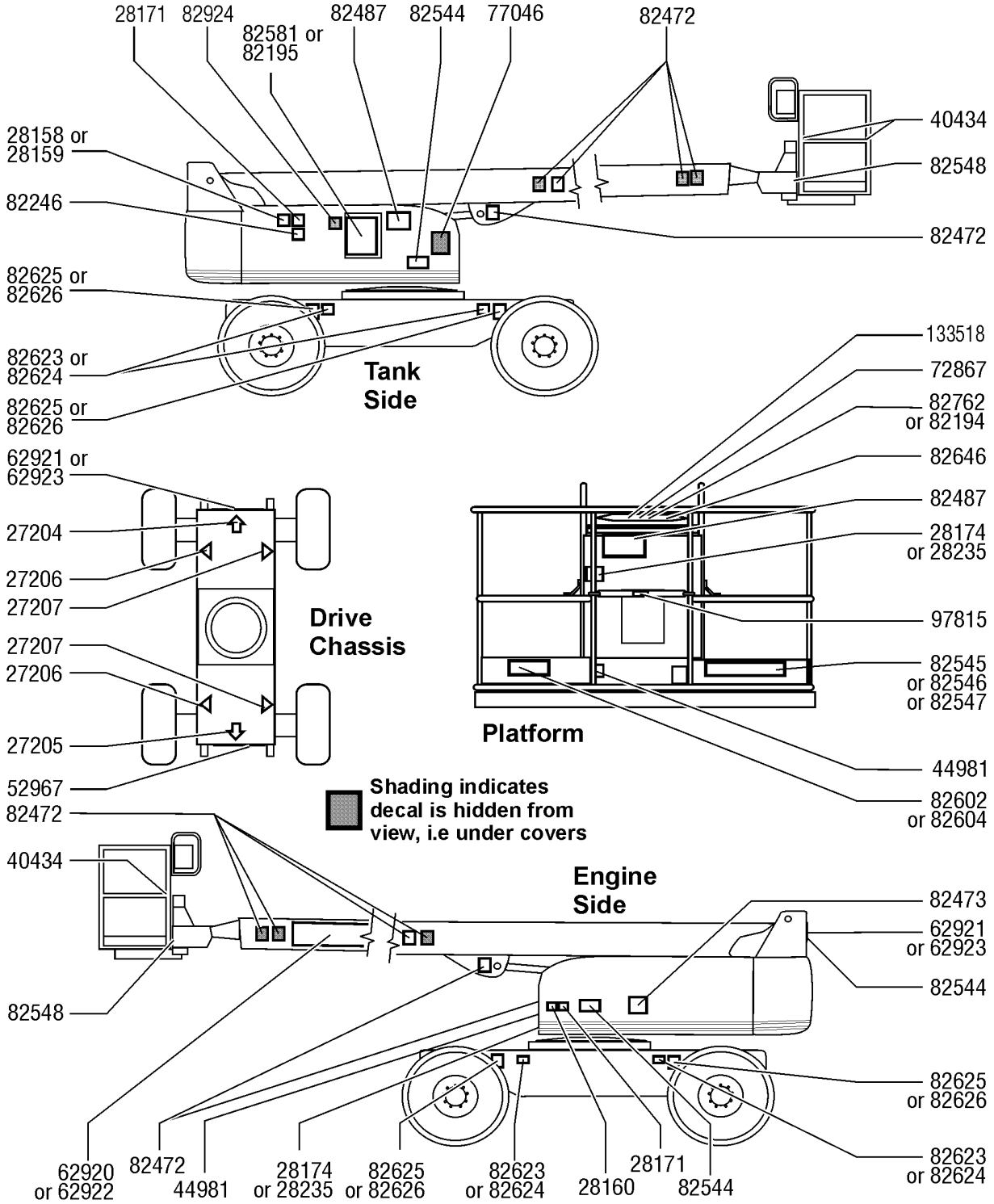

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28158 or 28159
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82625 or 82626
82623 or 82624
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Tank Side
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82762 or 82194
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28174 or 28235
97815
82545 or 82546 or 82547
Platform
44981
82602 or 82604
62921 or 62923
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Drive Chassis
Shading indicates decal is hidden from view, i.e under covers
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Engine Side
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82623 or 82624
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44981
28174 or 28235
82625 or 82626
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102.1 Decals with Symbols

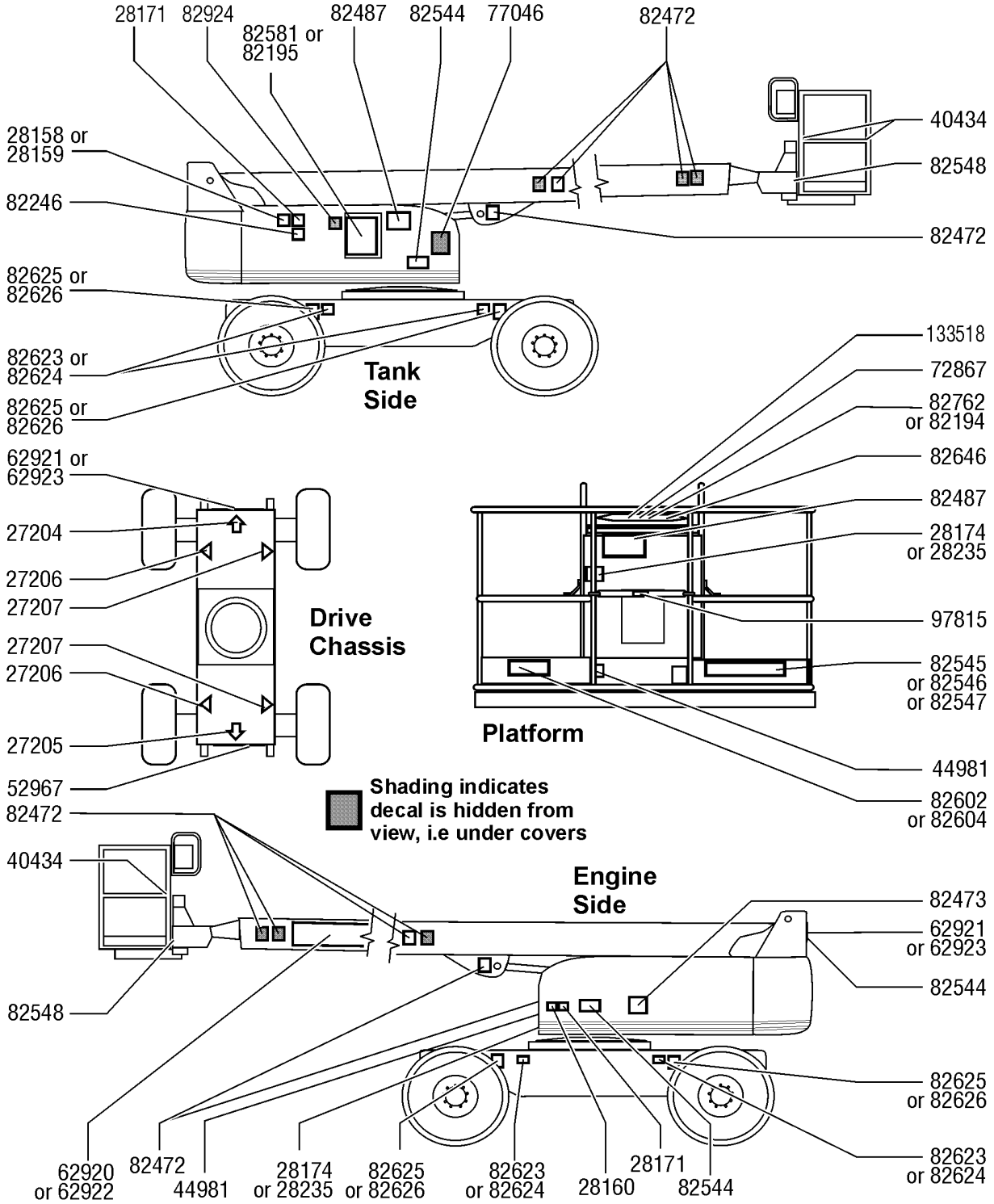
Item	Part No.	Description	Qty.
	102533GT	DECAL KIT, SYMBOLS, S80/85 includes items 1-10, 12, 21-26, 28, 30, 31, 36, and 38	
A-	1255427GT	DECAL KIT,PLAT,S40/60/80,SYM from SN 3082 to 7999	
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
6	28159GT	DECAL,DIESEL	1
7	28160GT	DECAL,LABEL,LIQUID PROPANE	1
8	28171GT	DECAL,DANGER,NO SMOKING ***	2
9	28174GT	DECAL,POWER TO PLATFORM 230V	2
10	28235GT	DECAL,POWER TO PLATFORM 115V	2
11	133518GT	DECAL, PATCH, GEN,ALC-500	1
12	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
13	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
14	52967GT	DECAL,COSMETIC,4 X 4	1
15	62920GT	DECAL,COSMETIC,GENIE S-80	1
16	62921GT	DECAL,COSMETIC,S80	2
19	72867GT	DECAL,LABEL,LIGHTS***	1
20	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
20-	77183GT	FILM,POLY,CLEAR,4.5 X 8.75	
21	82472GT	DECAL,WARNING,CRUSHING HAZARD	11
22	82473GT	DECAL,SYMBOL-COMP ACCESS	1
23	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
24	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	3
25	82545GT	DECAL,DANGER,MAX LOAD 227 KG**	1
26	82546GT	DECAL,DANGER,MAX LOAD 600 LBS.	1
27	82547GT	DECAL,DANGER,MAX LOAD 340 KG	1


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Tank Side
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82545 or 82546 or 82547
Platform
44981
82602 or 82604
62921 or 62923
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52967
Drive Chassis
Shading indicates decal is hidden from view, i.e under covers
82472
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82548
Engine Side
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62921 or 62923
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82625 or 82626
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62920 or 62922
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44981
28174 or 28235
82625 or 82626
82623 or 82624
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28171
82544

Item	*Part No.*	*Description*	*Qty.*
28	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
29	82581GT	DECAL,GROUND CONTROL PANEL	1
30	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
31	82604GT	DECAL,DANGER,SIDE FRC 400N European models	1
32	82623GT	DECAL,LABEL,WHEEL LOAD S80	4
34	82625GT	DECAL,LABEL,TIRE PRESSURE S80	4
35	82626GT	DECAL,LABEL,TIRE PRESS HF S80	4
36	82646GT	DECAL,DRIVE ENABLE PATCH	1
37	82762GT	DECAL,PLAT.CONTROL PANEL,S80	1
37A	82762FRGT	DECAL,PLAT.CONTROL PANEL,S80 (FRENCH) (FRENCH)	
38	82924GT	DECAL,CAUTION,SHUTOFF VALVES**	1
39	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
40	82246GT	DECAL,LABEL,113 DB***	1

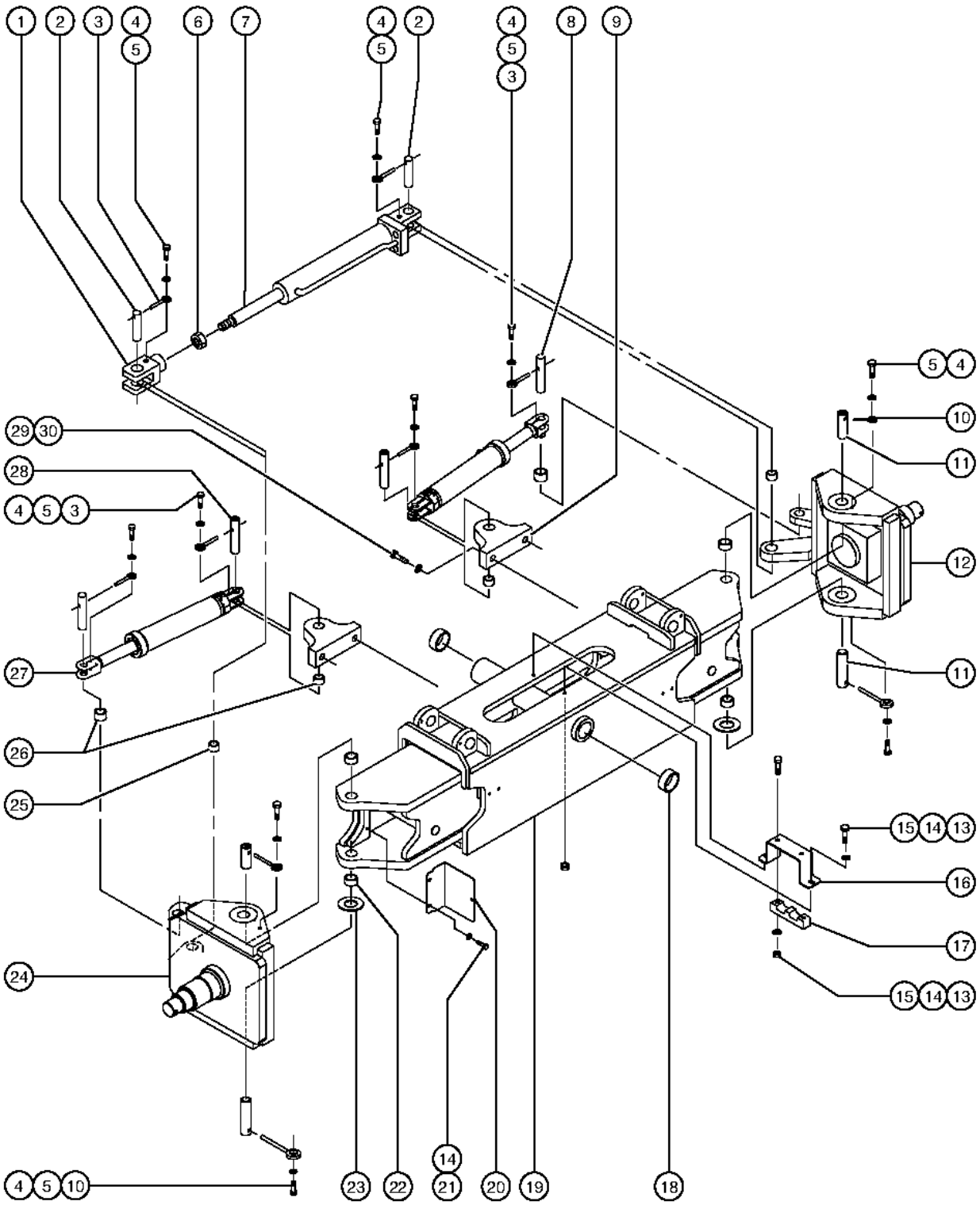

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Tank Side
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Platform
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Drive Chassis
Shading indicates decal is hidden from view, i.e under covers
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Engine Side
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28174 or 28235
82625 or 82626
82623 or 82624
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Item	Part No.	Description	Qty.
	102533GT	DECAL KIT, SYMBOLS, S80/85 includes items 1-10, 12, 21-26, 28, 30, 31, 36, and 38	
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
6	28159GT	DECAL,DIESEL	1
7	28160GT	DECAL,LABEL,LIQUID PROPANE	1
8	28171GT	DECAL,DANGER,NO SMOKING ***	2
9	28174GT	DECAL,POWER TO PLATFORM 230V	2
10	28235GT	DECAL,POWER TO PLATFORM 115V	2
11	133518GT	DECAL, PATCH, GEN,ALC-500	1
12	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
13	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
14	52967GT	DECAL,COSMETIC,4 X 4	1
17	62922GT	DECAL,COSMETIC,GENIE S-85	1
18	62923GT	DECAL,COSMETIC,S85	2
19	72867GT	DECAL,LABEL,LIGHTS***	1
20	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
20-	77183GT	FILM,POLY,CLEAR,4.5 X 8.75	
21	82472GT	DECAL,WARNING,CRUSHING HAZARD	11
22	82473GT	DECAL,SYMBOL-COMP ACCESS	1
23	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
24	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	3
25	82545GT	DECAL,DANGER,MAX LOAD 227 KG**	1
26	82546GT	DECAL,DANGER,MAX LOAD 600 LBS.	1
27	82547GT	DECAL,DANGER,MAX LOAD 340 KG	1
28	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2


28171
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82581 or 82195
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82623 or 82624
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Tank Side
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Platform
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Drive Chassis
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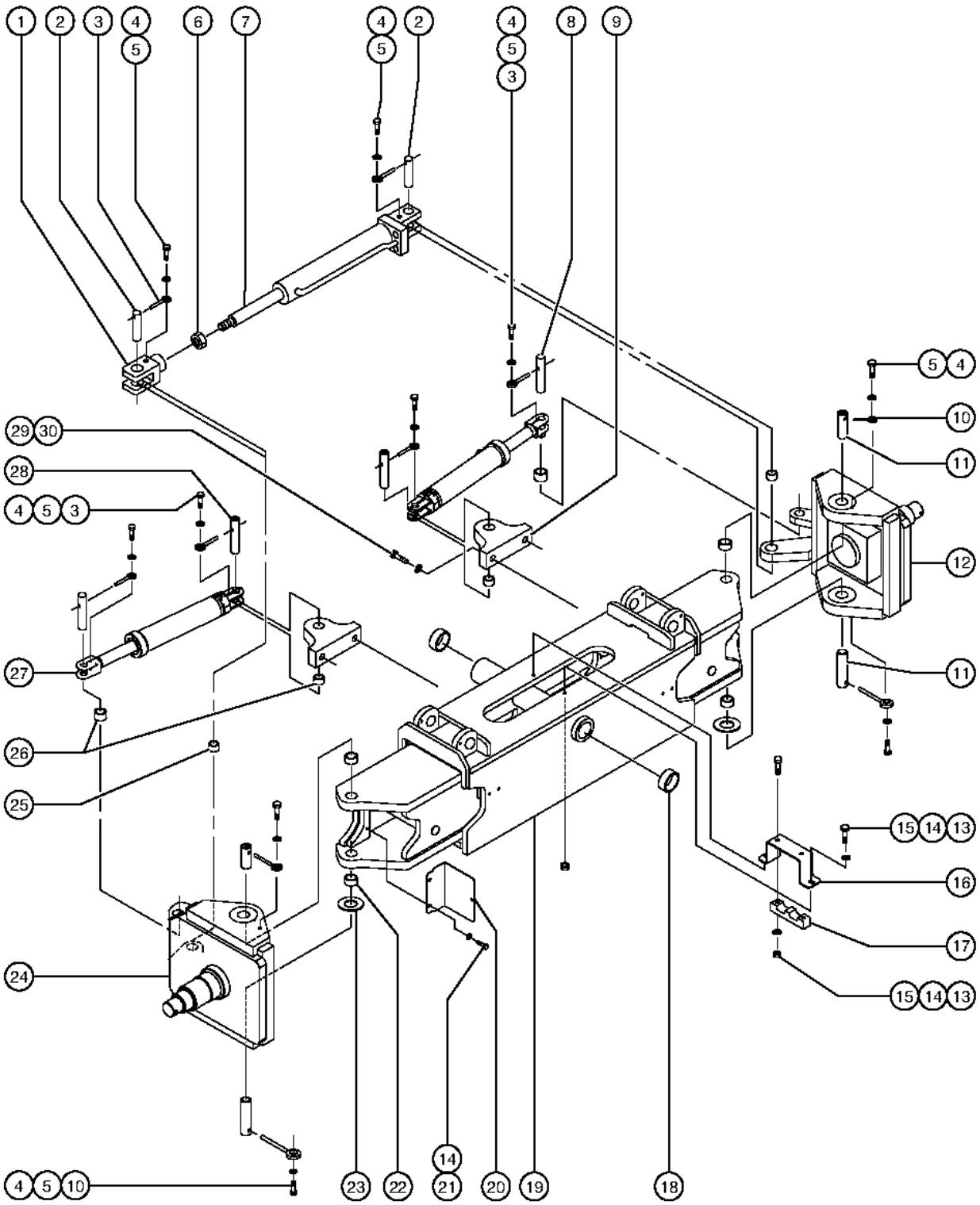
Item	*Part No.*	*Description*	*Qty.*
29	82581GT	DECAL,GROUND CONTROL PANEL	1
30	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
31	82604GT	DECAL,DANGER,SIDE FRC 400N European models	1
33	82624GT	DECAL,LABEL,WHEEL LOAD S85	4
34	82625GT	DECAL,LABEL,TIRE PRESSURE S80	4
35	82626GT	DECAL,LABEL,TIRE PRESS HF S80	4
36	82646GT	DECAL,DRIVE ENABLE PATCH	1
37	82762GT	DECAL,PLAT.CONTROL PANEL,S80	1
37A	82762FRGT	DECAL,PLAT.CONTROL PANEL,S80 (FRENCH) (FRENCH)	
38	82924GT	DECAL,CAUTION,SHUTOFF VALVES**	1
39	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
40	82246GT	DECAL,LABEL,113 DB***	1

201.1 2WD Steer Axle Linkage



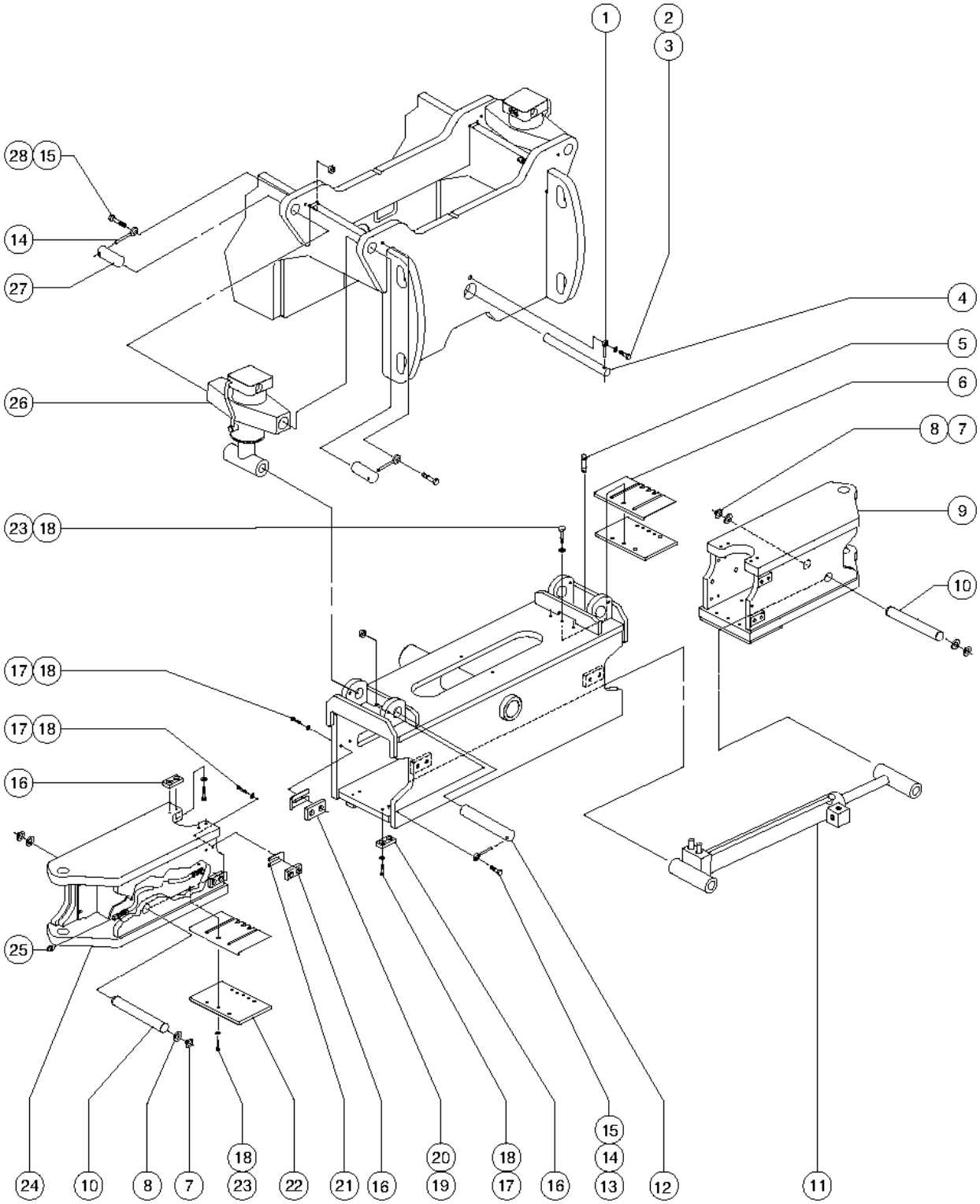
Item	Part No.	Description	Qty.
1	34290PGT	ADJUSTMENT LUG,1.25-7 PNTD	1
2	34276GT	PIN,1.25DIAX3.37LG,1HOLE	2
3	1255452GT	ROD END,.375 X 2.25,ZAG	6
4	6175GT	SCREW,HHC,3/8-16 X 1	
5	6021GT	WASHER, LOCK, .375	
6	27953GT	NUT,HEX,JAM,1.25-7	
7	81993GT	CYLINDER,TIE ROD, S80/S85	1
7-	77529GT	SEAL KIT,TIE ROD(81993)	
7-	33428GT	VALVE,COUNTERBALANCE	
7-	43018GT	SEAL KIT (39345)	
8	30734GT	PIN,1.00DIAX2.88LG,1HOLE	2
9	81908PGT	PLATE,STEER LUG,PAINTED to SN 3613	2
9-	101281PGT	PLATE,FR AXLE STEER LUG MAC from SN 3614	
10	825019GT	ROD END, .375X3.69, ZAG	2
11	81599GT	PIN, 1.5DIA X 4.38LG,1HOLE	4
12	81393-SGT	STEER YOKE ASSEMBLY 2WD,LH includes items 25 and 26	1
13	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	4
14	6097GT	WASHER, FLAT, USS, 3/8", Y	
15	4828GT	NUT, NYLOCK, 3/8-16	
16	81725GT	FORMING,FRONT AXLE HOSE CLAMP	1
17	81709GT	CLAMP,AXLE EXTEND HOSE	1
18	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
19	77532GT	WELDMENT,OUTER FRONT AXLE S80 includes item 18	1
20	81607GT	COVER,FRONT INNER AXLE	2
21	8255GT	SCREW,HHC,3/8-16 X .75	
22	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	4
23	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
24	81394-SGT	STEER ASSEMBLY YOKE 2WD,RH includes items 25 and 26	1

201.1 2WD Steer Axle Linkage



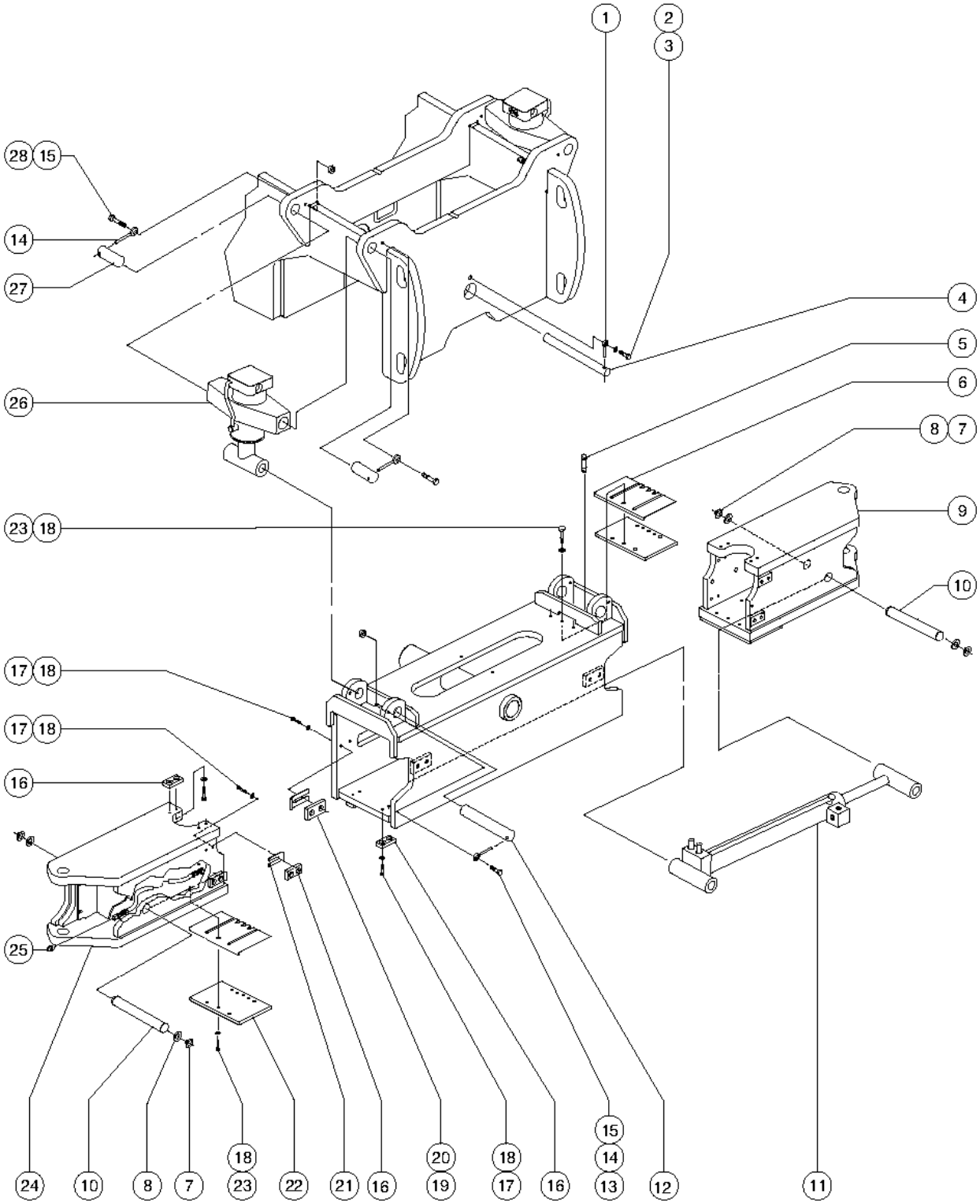
Item	*Part No.*	*Description*	*Qty.*
25	34245GT	BEARING,1.25IDX1.50X1.25L	2
26	25817GT	BEARING,1.00IDX1.25ODX1.00L	4
27	59370GT	CYLINDER,STEER	2
27-	88349GT	SEAL KIT,STEER CYL***	
28	81600GT	PIN,1.00DIAX3.63LG,THREADED	2
29	34348GT	SCREW,HHC,3/4-10 X 3 GRD.8	4
30	33278GT	WASHER, FLAT, .75 HARDENED	4

202.1 Extendable Steer Axle Installation



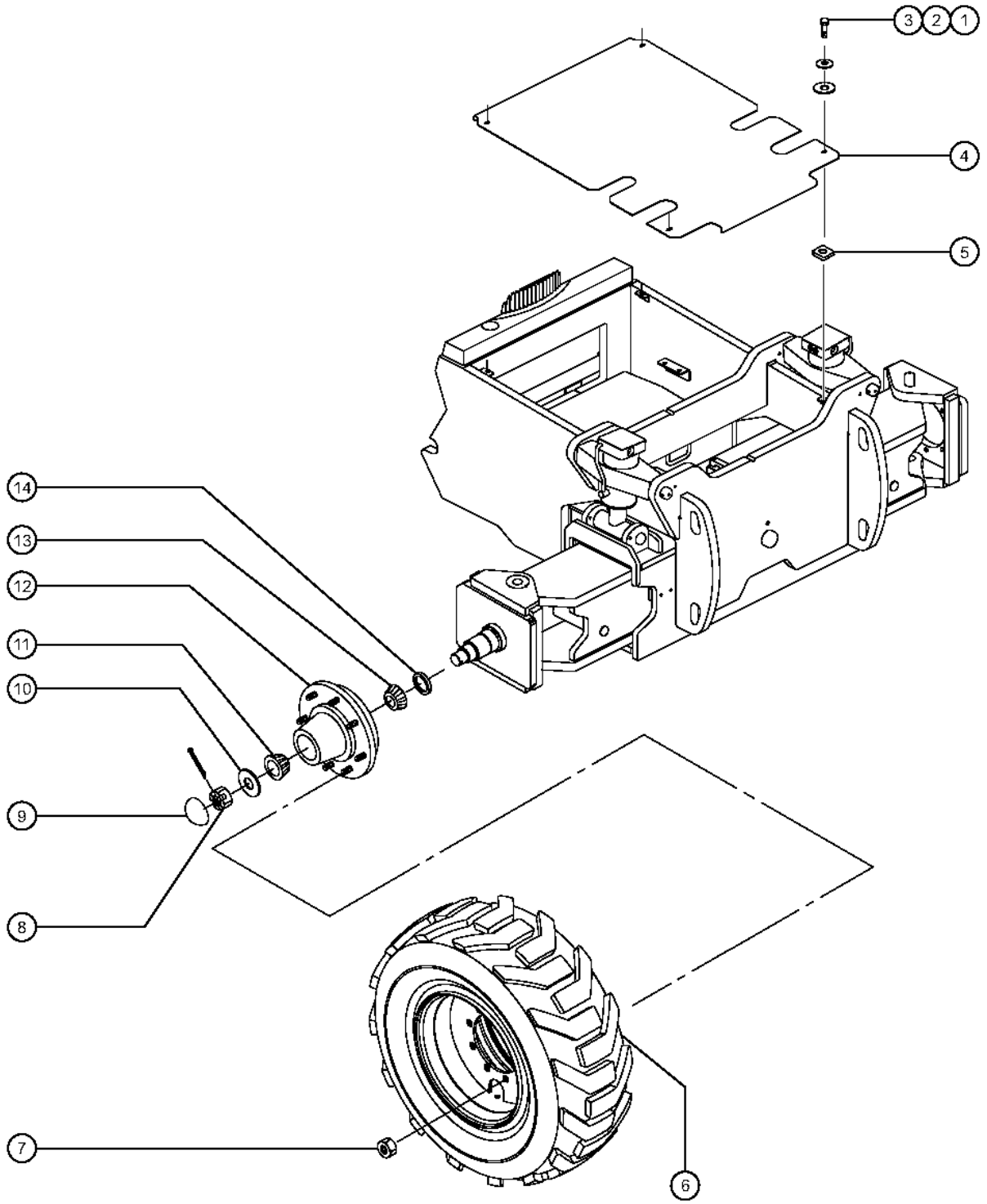
Item	Part No.	Description	Qty.
1	1256267GT	ROD END,.5 X 3.75,ZAG	2
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	81378GT	PIN,2.50DIAX27.63LG,1HOLE	2
5	111142GT	ZERK,GREASE,1/8 NPT,1-3/4"LG from SN 4952	2
6	81727GT	SHIM,AXLE WEAR PAD,FRONT	4
7	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	4
8	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
9		ASSY,LF INNER AXLE,STEER,S80 (no longer available)	1
10	81499GT	PIN,1.50DIAX11.43LG,2RING	2
11	81349GT	CYLINDER,AXLE EXTENSION S80	1
11-	77528GT	SEAL KIT,AXLE EXT. (81349)	
11-	83134GT	BLOCK,AXLE EXTEND(S-80 81349)	
11-	33428GT	VALVE,COUNTERBALANCE	
11-	43018GT	SEAL KIT (39345)	
12	81598GT	PIN,1.75DIAX10.75LG,1HOLE	2
13	5224GT	SCREW,HHC,3/8-16 X 2	
14	825019GT	ROD END, .375X3.69, ZAG	6
15	4828GT	NUT, NYLOCK, 3/8-16	
16	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	20
17	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8 to SN 6872	28
17-	8516GT	SCREW, HCC, 3/8-16 X 1.50 from SN 6873	
18	6021GT	WASHER, LOCK, .375	
19	81796GT	WEAR PAD,4 X 2 X .625 W/INSERT	4
20	81851GT	SHIM,PAD 2.0 X 4.0 X .06 THK	as needed
21	81642GT	SHIM,WEAR PAD,3 X 1.5, 16G	as needed
22	111138GT	WEARPAD,S80 FRONT AXLE	4

202.1 Extendable Steer Axle Installation



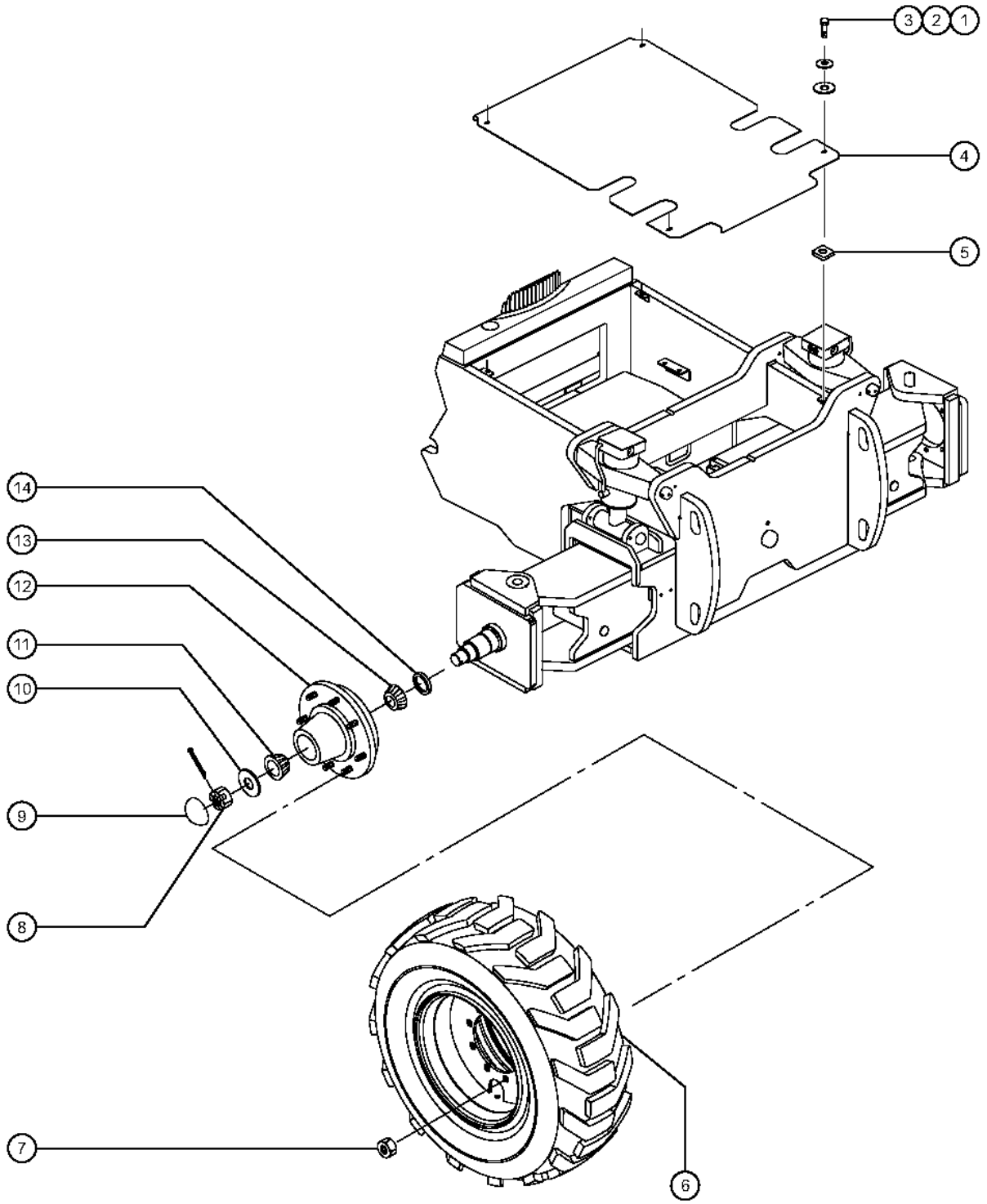
Item	*Part No.*	*Description*	*Qty.*
23	6708GT	SCREW,HHC,3/8-16 X 2.25	
24		ASSY,RF INNER AXLE,STEER,S80 (no longer available)	1
25	49189-1638GT	HOSE ASSY,1/4,STR FEM,STR from SN 4952	2
25-	28646GT	ZERK,GREASE,1/8 NPT	
25-	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	
25-	102729GT	ELBOW,90D,1/8 NPT X #4 JIC	
25-	111154GT	NIPPLE,1/8 NPT X 2,PLATED	
26	81330GT	CYLINDER,OSCILLATE***	2
26-	77519GT	SEAL KIT,OSC CYLINDER (81330)*	
26-	33428GT	VALVE,COUNTERBALANCE	
26-	43018GT	SEAL KIT (39345)	
27	81498GT	PIN,1.75DIAX4.50LG,THREADED	4
28	8178GT	SCREW, HHC, 3/8-16 X 2.5	

203.1 2WD Steer Axle, Wheel and Hubs



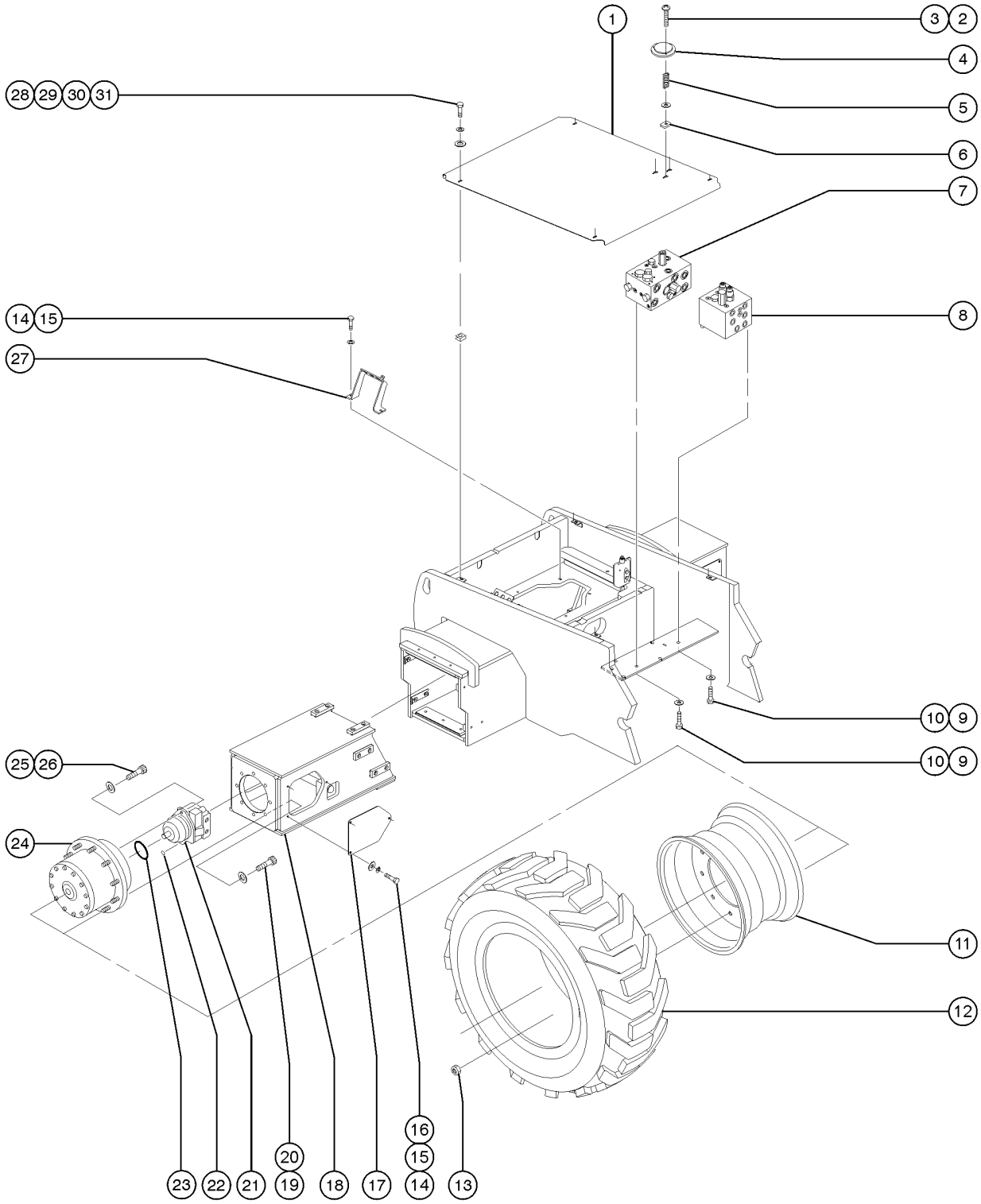
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER,LOCK,.25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	77538GT	COVER,ASSY,DRIVE CHASSIS FRONT	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
6	81527GT	TIRE,15-22.5,16 PLY,HAULER S80 shown	2
6-	73211GT	TIRE,15-22.5, 16PR,NON-MARKING	
6-	81164GT	TIRE,41/18LL X 22.5,14PR,TURF*	
6-	73190GT	WHEEL, 22.5 X 11.75 S80	
6-	81165GT	WHEEL,22.5 X 14.00	
6-	81528GT	TIRE & WHEEL ASSY,AIR,RH,S80	
6-	81529GT	TIRE &WHEEL ASSY,AIR,LH,S80	
6-	60956GT	TIRE & WHEEL ASSY.RIGHT,FOAM RT, Foam-filled, right; replaced 81530	2
6-	60957GT	TIRE & WHEEL ASSY.LEFT,FOAM RT, Foam-filled, left; replaced 81531	2
6-	73208GT	TIRE & WHEEL ASSY,NON MARK,RH	
6-	73209GT	TIRE & WHEEL ASSY,NON MARK,LH	
6-	102807GT	TIRE & WHEEL ASSY,RT, FOAM-FILLED, NON-MARKING, R	
6-	102808GT	TIRE & WHEEL ASSY,RT, FOAM-FILLED, NON-MARKING, L	
6-	88102GT	HF SAND TIRE,S80/85	
7	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	
8	34627GT	NUT,SPINDLE,2.00-12	2
8-	34628GT	PIN,COTTER,.375 X 3.5	
9	94795GT	CAP,DUST	2
10	34626GT	WASHER,FLAT,2.0 X 4.5 X .25	
11	73080GT	BEARING,OUTER CONE	2
12	94789GT	HUB ASSY W/RACES	2
12-	73076GT	HUB RACE,INNER	
12-	94791GT	HUB RACE,OUTER	

203.1 2WD Steer Axle, Wheel and Hubs



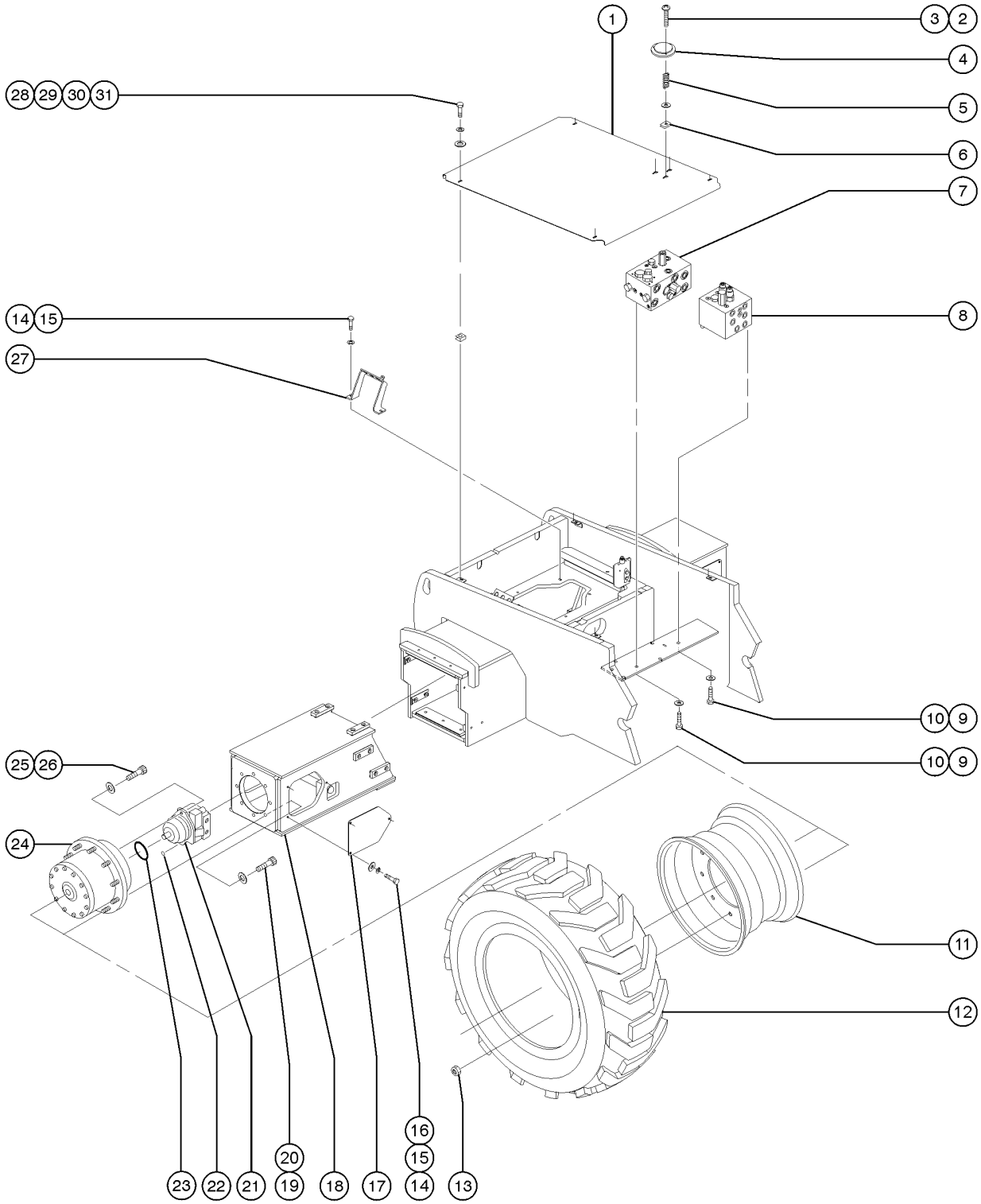
Item	*Part No.*	*Description*	*Qty.*
12-	94792GT	STUD,WHEEL,3/4-16	
13	94793GT	BEARING,INNER CONE	2
14	94794GT	SEAL,GREASE	2

204.1 Non-steer Axle - Wheels and Hubs



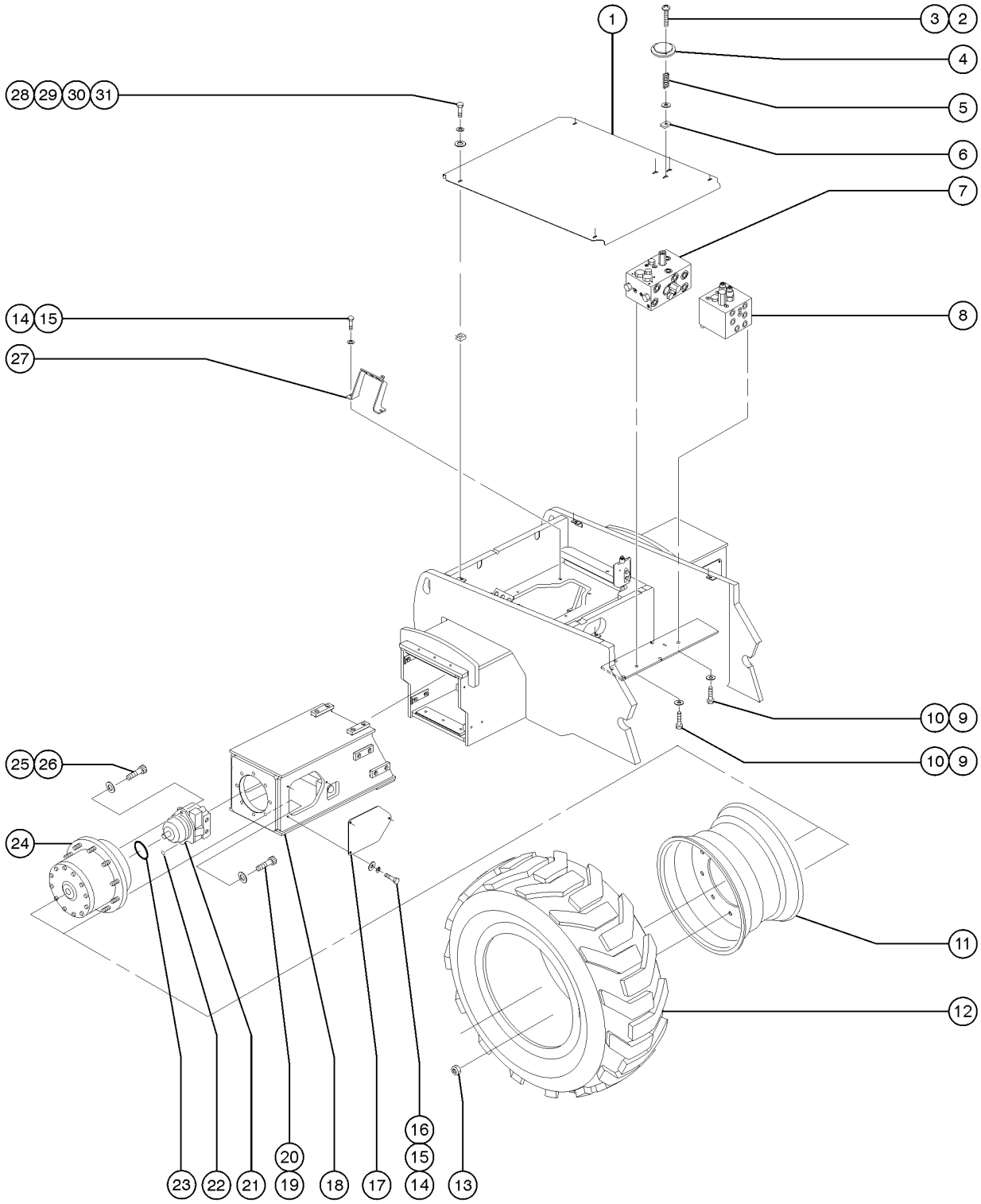
Item	Part No.	Description	Qty.
1	77537GT	COVER,ASSY,DR CHASSIS REAR S80	1
2	73634GT	SCREW,PHIL,PHM,10-24X1.5 ZINC European models	
3	6146GT	WASHER,FLAT,MS,#10,Y European models	
4	77026GT	LEVEL,BUBBLE,2 DEGREE * European models	1
5	77027GT	SPRING,1X.31 ODX.040WIRE,SS European models	1
6	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG European models	
7		Ref. 2WD Drive Manifold (refer to 701.1 or 701.2)	
7-		Ref. 4WD Drive Manifold (refer to 703.1 or 703.2)	
8		Ref. Axle Select Manifold (refer to 702.1)	
9	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
10	6033GT	WASHER,LOCK,0.5"	
11		Ref. Wheel (refer to 203.1)	
12		Ref. Tire (refer to 203.1)	
13		Ref. Lug Nut (refer to 203.1)	
14	8255GT	SCREW,HHC,3/8-16 X .75	
15	6021GT	WASHER, LOCK, .375	
16	5397GT	WASHER, FLAT, USS, 5/16-18	
17	81711PGT	COVER,REAR AXLE S80 PAINTED	2
18	81590GT	INNER AXLE,REAR MACHINED	2
19	73455GT	SCREW,HHC,5/8-11 X 2.25 GR8 use with wheel drive 81381 or 102711	32
19-	111155GT	SCREW,FLANGE,HHC,5/8-11X2,GR8 use with wheel drive 111090	32
20	13064GT	WASHER,FLAT,.625 HARDENED use with wheel drive 81381 or 102711 (machines from SN 3082 to 3595 are required to use two washers p/n 13064 per screw p/n 73455)	32
21A	81382GT	MOTOR,PISTON,2 SPEED,45CC to SN 4211	4
21A-	77806GT	SEAL KIT,DRIVE MOTOR*** to SN 4211	4
21B	101070GT	MOTOR,PISTON,2 SPEED,45CC from SN 4212 to SN 4435	4
21B-	106098GT	SEAL KIT,MOTOR,LC/KC*** from SN 4212 to SN 4435	4
21C	81382GT	MOTOR,PISTON,2 SPEED,45CC from SN 4436 to SN 4617	4
21C-	77806GT	SEAL KIT,DRIVE MOTOR*** from SN 4436 to SN 4617	4

204.1 Non-steer Axle - Wheels and Hubs



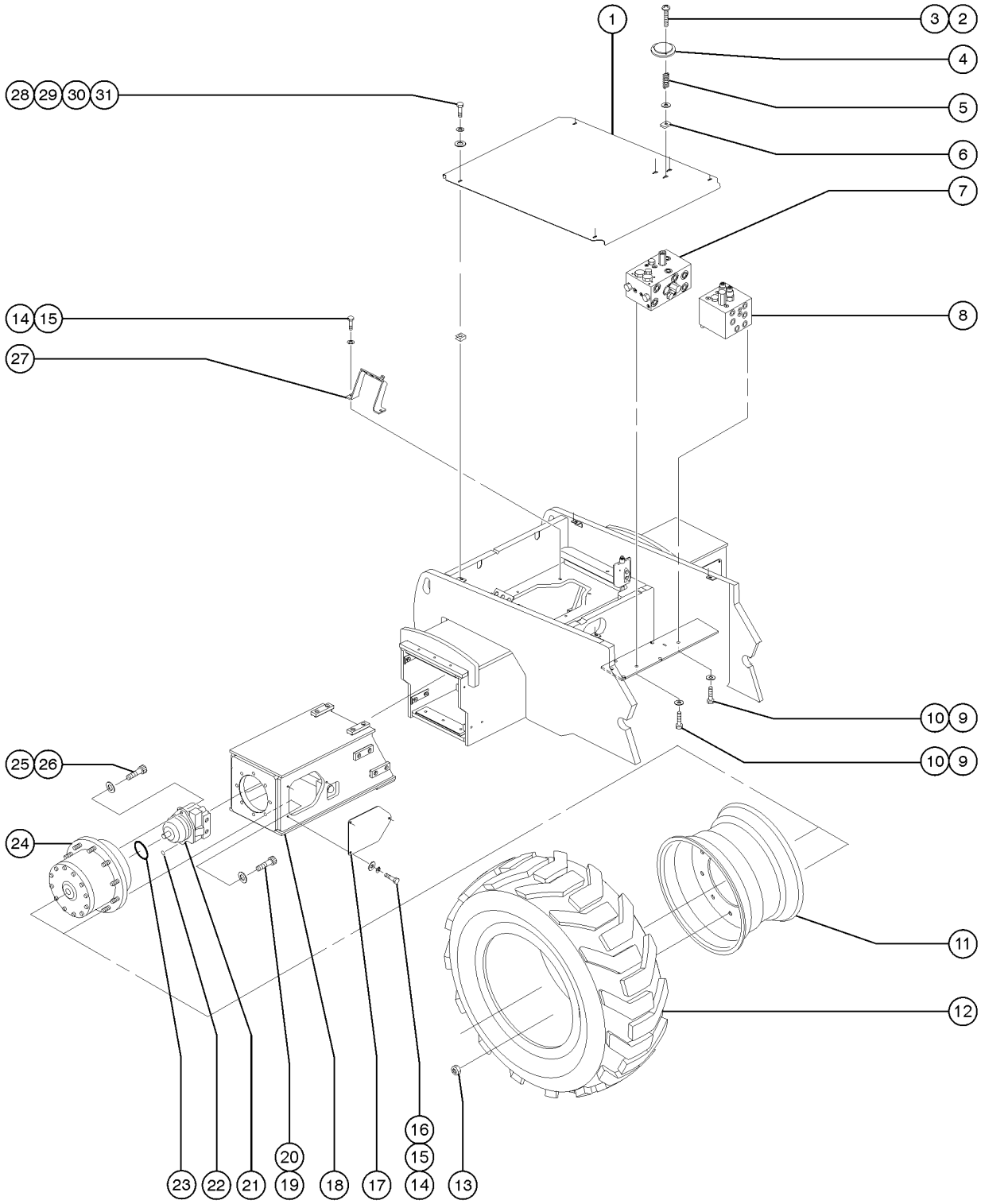
Item	Part No.	Description	Qty.
21D	101070GT	MOTOR,PISTON,2 SPEED,45CC from SN 4618	4
21D-	106098GT	SEAL KIT,MOTOR,LC/KC*** from SN 4618	4
21E	88351GT	MOTOR,PISTON,2 SPEED,45CC 2WD 2WD models; to SN 4863	2
21E-	77806GT	SEAL KIT,DRIVE MOTOR*** to SN 4863	
21F	102717GT	MOTOR,PISTON,HYD,45CC/19.5CC 2WD models; from SN 4864	2
21F-	106098GT	SEAL KIT,MOTOR,LC/KC*** from SN 4864	
22	122150GT	O-RING,5-052,VITON***	4
23	77527GT	O-RING, MOTOR,GREEN(81382) 4WD models; to SN 4211	4
23-	106118GT	O-RING,2-157,VITON*** 2WD models; from SN 4864	2
23-	77527GT	O-RING, MOTOR,GREEN(81382) 2WD models; to SN 4863	2
23-	106118GT	O-RING,2-157,VITON*** 4WD models; from SN 4212 to SN 4435	4
23-	106118GT	O-RING,2-157,VITON*** 4WD models; from SN 4618	4
23-	77527GT	O-RING, MOTOR,GREEN(81382) 4WD models; from SN 4436 to SN 4617	4
24		WHEEL DRIVE W/BRAKE,60.2:1 4WD models; to SN 4211; 81381 wheel drive is no longer available	4
24-	102491GT	O-RING, DISCONNECT ROD 4WD models; to SN 4211	
24-	102494GT	SPRING,DOWEL SLEEVE (81381) 4WD models; to SN 4211	
24-	77526GT	SEAL KIT, BRAKE (81381) 4WD models; to SN 4211	
24-	77525GT	BRAKE DISC, KIT (81381) 4WD models; to SN 4211	
24-	101284GT	WHEEL STUD, 3/4-16 X 60MM 4WD models; to SN 4211	
24-	102493GT	SEAL,SHAFT (81381) 4WD models; to SN 4211	
24-	102169GT	O-RING & SHAFT(81381) 4WD models; to SN 4211	
24-	102170GT	O-RING, COVER (81381) 4WD models; to SN 4211	
24-	102492GT	O-RING, GEAR RING (81381) 4WD models; to SN 4211	
24A	122632GT	UPGRADE KIT, DRIVE HUB, 4WD Required for first time replacement of all 4 wheel drives item 102711, includes 4 wheel drives item 111090; from SN 4212 to SN 4435	1
24A-	226213GT	END COVER,WHEEL DRIVE *** 4WD models, use with wheel drive 111090, includes O-ring part 226215; from SN 4212 to SN 4435	
24A-	111163GT	KIT,O-RING (102711) 4WD models, use with wheel drive 102711; from SN 4212 to SN 4435	
24A-	1260081GT	PISTON, BRAKE 4WD models, use with wheel drive 102711; from SN 4212 to SN 4435	

204.1 Non-steer Axle - Wheels and Hubs



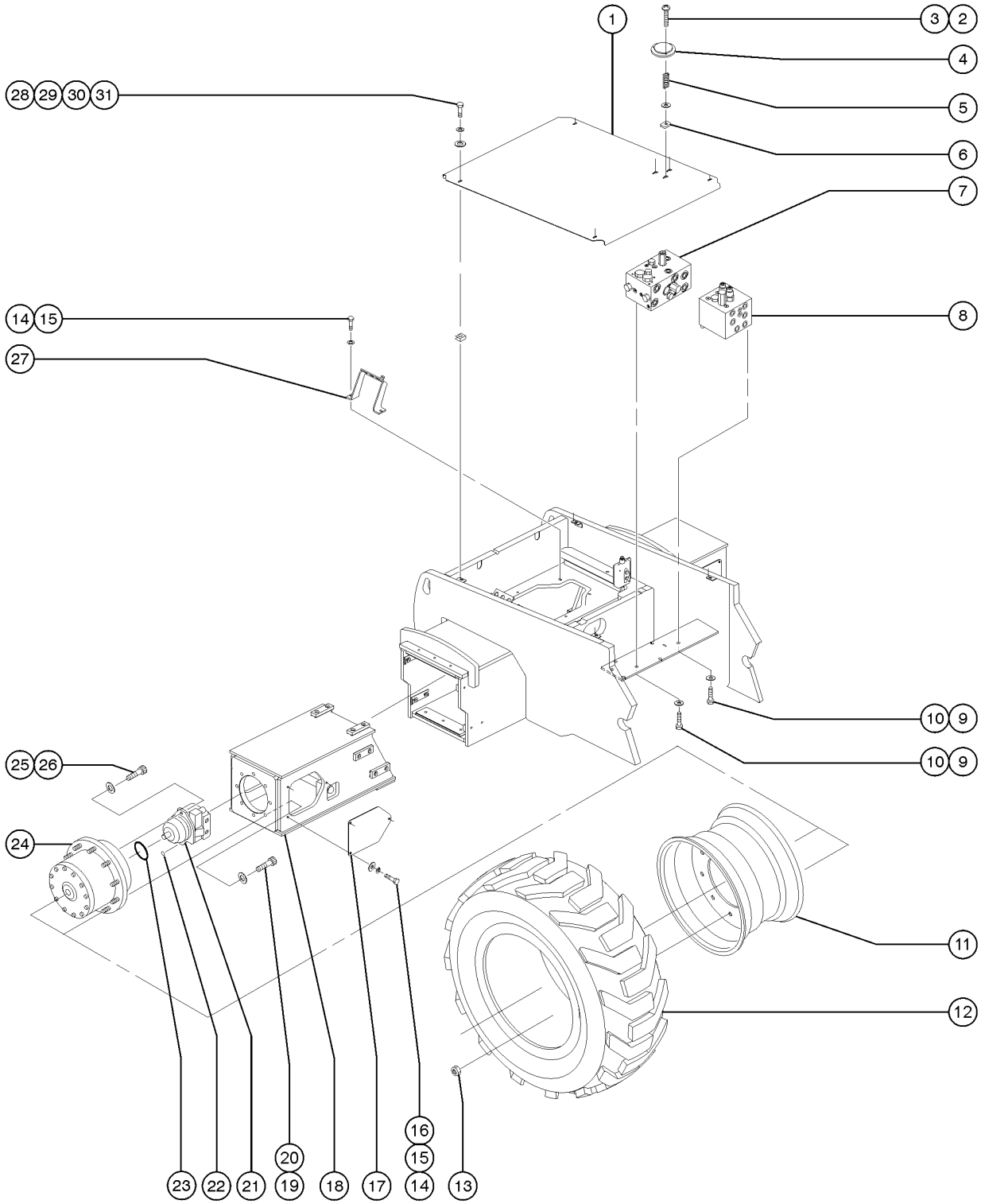
Item	Part No.	Description	Qty.
24A-	237228GT	KIT,BRAKE PIST & SPRI (111090) 4WD models, use with wheel drive 102711; from SN 4212 to SN 4435	
24A-	111162GT	KIT,DISC BRAKE (102711) 4WD models, use with wheel drive 102711; from SN 4212 to SN 4435	
24A-	220254GT	STUD (102711) 4WD models, use with wheel drive 102711; from SN 4212 to SN 4435	
24A-	111160GT	KIT,PIN (102711) 4WD models, use with wheel drive 102711; from SN 4212 to SN 4435	
24A-	1312089GT	PLANET GEAR, WHEEL DRIVE (111090)	
24A-	111158GT	KIT,CLOSING CAP 4WD models, use with wheel drive 102711; from SN 4212 to SN 4435	
24A-	111159GT	KIT,CLOSING COVER 4WD models, use with wheel drive 102711; from SN 4212 to SN 4435	
24A-	1260082GT	SPRING, HELICAL, RH 4WD models, use with wheel drive 102711; from SN 4212 to SN 4435	
24A-	111361GT	SEAL KIT (111090) 4WD models, use with wheel drive 111090; from SN 4212 to SN 4435	
24A-	111362GT	BOLT,WHEEL DRIVE CAP(106122) 4WD models, use with wheel drive 111090; from SN 4212 to SN 4435	
24A-	111090GT	WHEEL DRIVE W/BRAKE,57.49:1 4WD models; from SN 4212 to SN 4435	4
24A-	111363GT	O-RING,DISCONNECT ROD (111060) 4WD models, use with wheel drive 111090; from SN 4212 to SN 4435	
24A-	106122GT	CAP,DISENGAGE,4HP/4HB*** 4WD models, use with wheel drive 111090; from SN 4212 to SN 4435	
24A-	33441GT	STUD,WHEEL,3/4-16, (34115) 4WD models, use with wheel drive 111090; from SN 4212 to SN 4435	
24A-	226215GT	END COVER O-RING,WHEEL DRIVE 4WD models, use with wheel drive 111090; from SN 4212 to SN 4435; Units built before 12/19/2008 must use o-ring 146495 with their end cover (if end cover assembly 226213 was used, then use o-ring 226215) (for 121292)	
24A-	146495GT	O-RING Units built after 12/19/2008 must use o-ring 226215 with their end cover (included in assembly 226213) (for 121292)	
24B		WHEEL DRIVE W/BRAKE,60.2:1 4WD models; from SN 4436 to SN 4617	4
24B-	102493GT	SEAL,SHAFT (81381) 4WD models; from SN 4436 to SN 4617	
24B-	102492GT	O-RING, GEAR RING (81381) 4WD models; from SN 4436 to SN 4617	
24B-	102491GT	O-RING, DISCONNECT ROD 4WD models; from SN 4436 to SN 4617	
24B-	101284GT	WHEEL STUD, 3/4-16 X 60MM 4WD models; from SN 4436 to SN 4617	
24B-	102169GT	O-RING & SHAFT(81381) 4WD models; from SN 4436 to SN 4617	
24B-	102170GT	O-RING, COVER (81381) 4WD models; from SN 4436 to SN 4617	
24B-	77525GT	BRAKE DISC, KIT (81381) 4WD models; from SN 4436 to SN 4617	
24B-	77526GT	SEAL KIT, BRAKE (81381) 4WD models; from SN 4436 to SN 4617	
24B-	102494GT	SPRING,DOWEL SLEEVE (81381) 4WD models; from SN 4436 to SN 4617	
24C	122632GT	UPGRADE KIT, DRIVE HUB, 4WD Required for first time replacement of all 4 wheel drives item 102711, includes 4 wheel drives item 111090; from SN 4618	1

204.1 Non-steer Axle - Wheels and Hubs



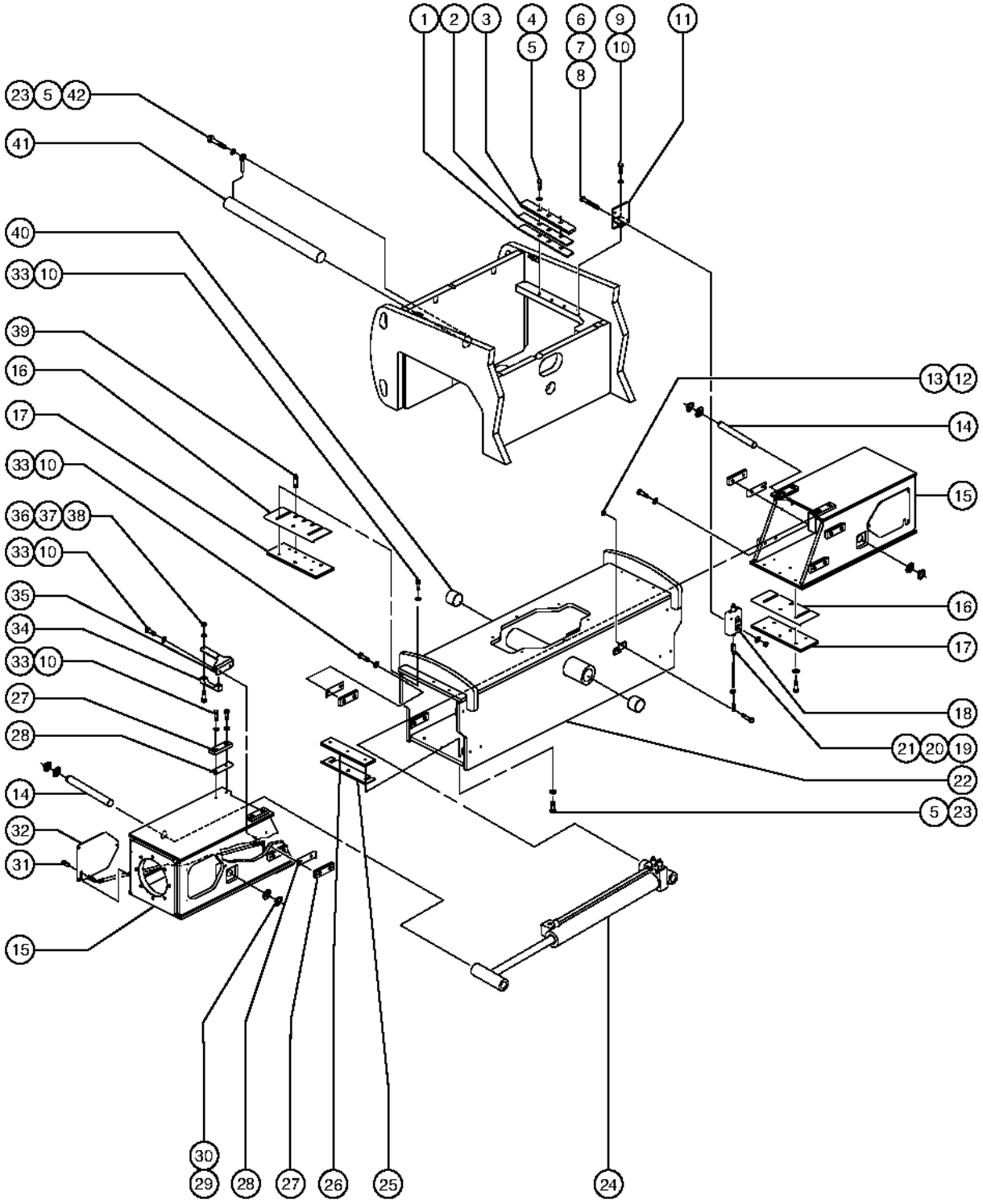
Item	Part No.	Description	Qty.
24C-	226213GT	END COVER,WHEEL DRIVE *** ... 4WD models, use with wheel drive 111090, includes O-ring part 226215; from SN 4618	
24C-	111160GT	KIT,PIN (102711) ..... 4WD models, use with wheel drive 102711; from SN 4618	
24C-	220254GT	STUD (102711) ..... 4WD models, use with wheel drive 102711; from SN 4618	
24C-	111162GT	KIT,DISC BRAKE (102711) ..... 4WD models, use with wheel drive 102711; from SN 4618	
24C-	146494GT	BEARING KIT ..... 4WD models, use with wheel drive 102711; from SN 4618	
24C-	1260082GT	SPRING, HELICAL, RH ..... 4WD models, use with wheel drive 102711; from SN 4618	
24C-	111159GT	KIT,CLOSING COVER ..... 4WD models, use with wheel drive 102711; from SN 4618	
24C-	1260081GT	PISTON, BRAKE ..... 4WD models, use with wheel drive 102711; from SN 4618	
24C-	111163GT	KIT,O-RING (102711) ..... 4WD models, use with wheel drive 102711; from SN 4618	
24C-	111158GT	KIT,CLOSING CAP ..... 4WD models, use with wheel drive 102711; from SN 4618	
24C-	235155GT	RETAINING RING, OD 8.250 ..... LARGE SNAP RING FOR COVER	
24C-	33441GT	STUD,WHEEL,3/4-16, (34115) ..... 4WD models, use with wheel drive 111090; from SN 4618	
24C-	111362GT	BOLT,WHEEL DRIVE CAP(106122) ..... 4WD models, use with wheel drive 111090; from SN 4618	
24C-	226215GT	END COVER O-RING,WHEEL DRIVE ..... 4WD models, use with wheel drive 111090; from SN 4618	
24C-	106122GT	CAP,DISENGAGE,4HP/4HB*** ..... 4WD models, use with wheel drive 111090; from SN 4618	
24C-	111361GT	SEAL KIT (111090) ..... 4WD models, use with wheel drive 111090; from SN 4618	
24C-	111090GT	WHEEL DRIVE W/BRAKE,57.49:1 ..... 4WD models; from SN 4618	4
24C-	1312089GT	PLANET GEAR, WHEEL DRIVE (111090)	
24C-	235153GT	PIPE PLUG, MAGN ..... for 226213	
24C-	111363GT	O-RING,DISCONNECT ROD (111060) ..... 4WD models, use with wheel drive 111090; from SN 4618	
24C-	146495GT	O-RING	
24C-	237228GT	KIT,BRAKE PIST & SPRI (111090)	
24D	81383GT	WHEEL DRIVE,2WD 92.5:1 ..... 2WD models; to SN 4863	2
24D-	101534GT	BRAKE DISC KIT (81383) ..... 2WD models; to SN 4863	
24D-	101533GT	SEAL KIT (81383) ..... 2WD models; to SN 4863	
24E	102719GT	WHEEL DRIVE W/BRAKE,91.97:1 ..... 2WD models; from SN 4864	2
24E-	1306043GT	O-RING, GASKET 196.52 X 2.62 3775	1
24E-	1306044GT	O-RING, GASKET 82.22 X 2.62 PK 2-152	1

204.1 Non-steer Axle - Wheels and Hubs



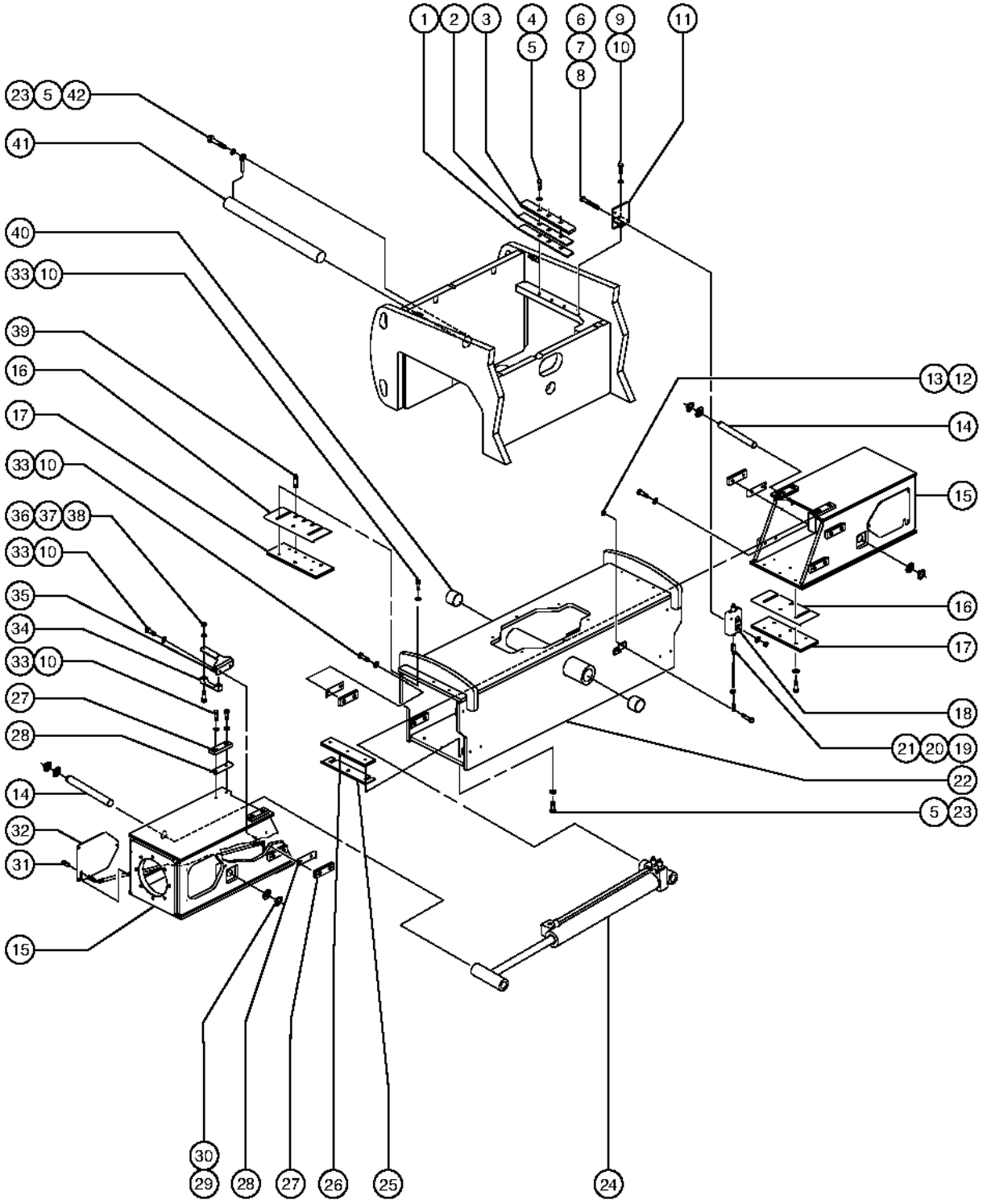
Item	Part No.	Description	Qty.
24E-	1306045GT	O-RING, GASKET 104.37 X 3.53 PK 2-243	1
24E-	111407GT	KIT,BRAKE PISTON & SPRINGS 2WD models; from SN 4864	
24E-	220254GT	STUD (102711) 2WD models; from SN 4864	
24E-	111158GT	KIT,CLOSING CAP 2WD models; from SN 4864	
24E-	111403GT	KIT,CLOSING COVER (102719) 2WD models; from SN 4864	
24E-	111404GT	KIT,PIN (102719) 2WD models; from SN 4864	
25	75101GT	SCREW,SHC,1/2-13 X 1.25,A574	8
26	13064GT	WASHER,FLAT,.625 HARDENED	8
27	81741GT	SCREW,SHC,1/2-13 X 1.25,A574	
28	6090GT	SCREW, HHC, 1/4-20 X .75	
29	6356GT	WASHER,LOCK,.25	
30	6638GT	WASHER, FLAT, USS, 1/4"Y	
31	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	

205.1 Extendable Non-steer Axle Installation



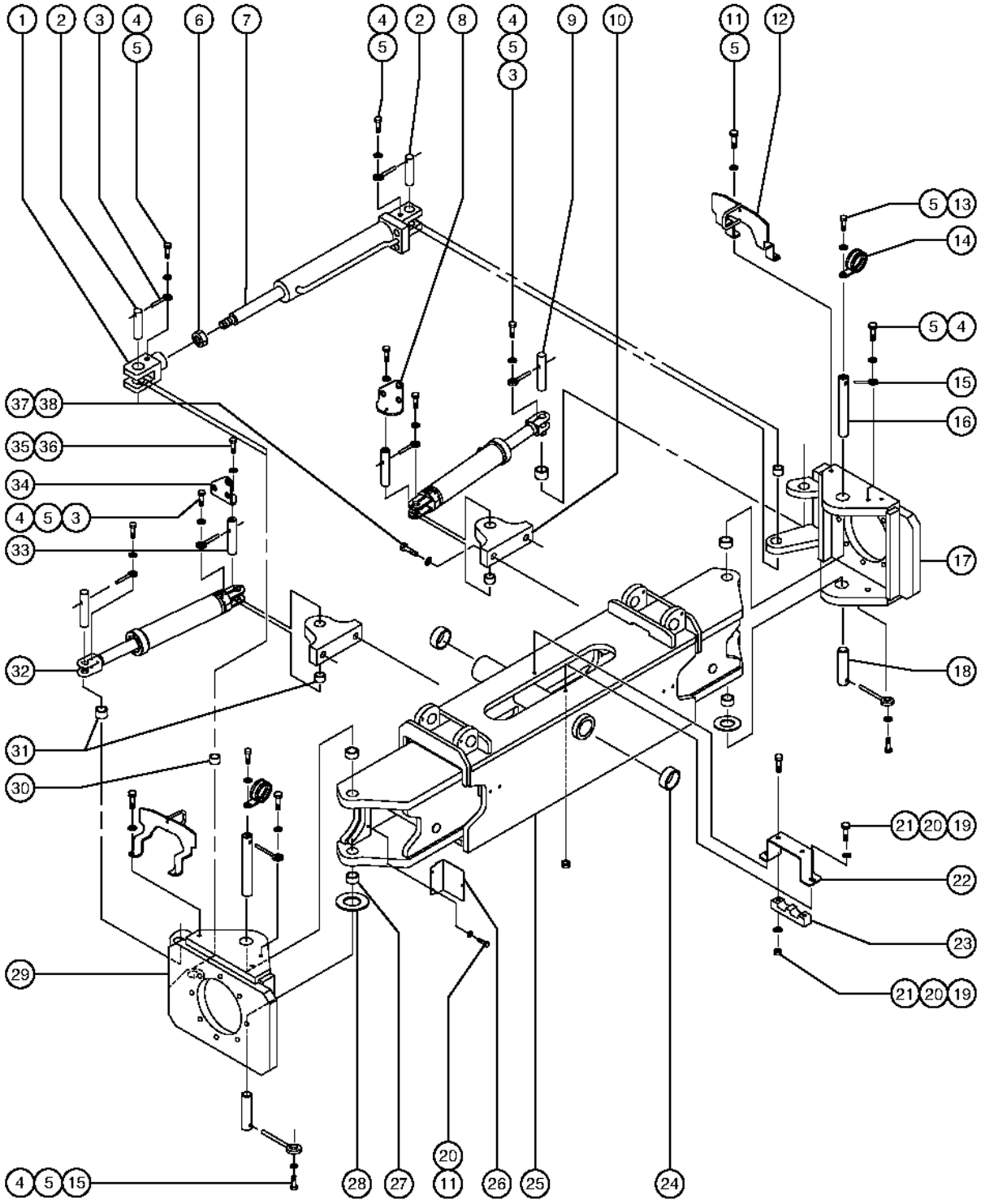
Item	Part No.	Description	Qty.
1	81610GT	SHIM,AXLE ROTATION STOP,16G	as needed
2	81609GT	SHIM,AXLE ROTATION STOP,22G	as needed
3	88092PGT	BAR,AXLE ROTATION STOP PAINT	2
4	9145GT	SCREW,HHC,1/2-13 X 2.5,GR5	
5	6033GT	WASHER,LOCK,0.5"	
6	8179GT	SCREW,HHC,1/4-20 X 2.25	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	6091GT	NUT,NYLOCK,1/4-20	
9	8255GT	SCREW,HHC,3/8-16 X .75	
10	6021GT	WASHER, LOCK, .375	
11	81695GT	BRACKET,OSC.VALVE MOUNT	1
12	5365GT	NUT,NYLOCK,10-24	
13	6584GT	SCREW,SHS,10-24 X .625	
14	81856GT	PIN,1.50DIAX13.43LG,2RING	2
15	81590GT	INNER AXLE,REAR MACHINED	2
16	81726GT	SHIM,AXLE WEAR PAD REAR	4
17	111139GT	WEARPAD,S80 REAR AXLE	4
18	81552GT	VALVE,MANUAL,W/RELIEF VALVE***	1
18-	32681GT	SEAL KIT,CONTROL VALVE for 81552	
19	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
20	30785-600GT	THREADED ROD,1/4-28 X 6 IN***	1
21	21496GT	NUT,HEX,1/4-28	
22	77535GT	ASSEMBLY,OUTER AXLE,REAR, S80 includes item 40	1
23	8177GT	SCREW,HHC,1/2-13 X 1.5	
24	81349GT	CYLINDER,AXLE EXTENSION S80	1
24-	77528GT	SEAL KIT,AXLE EXT. (81349)	
24-	33428GT	VALVE,COUNTERBALANCE	

205.1 Extendable Non-steer Axle Installation



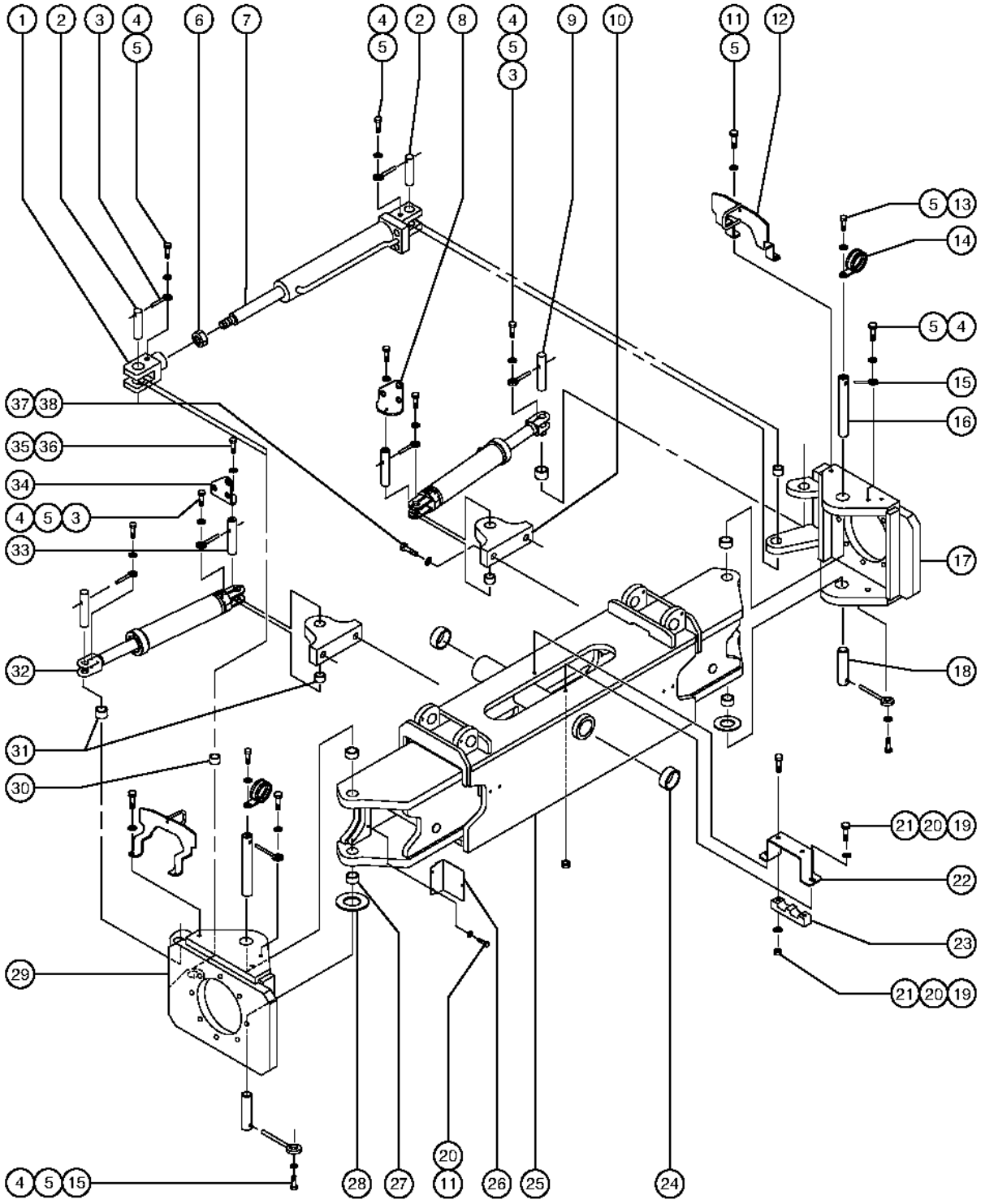
Item	Part No.	Description	Qty.
24-	43018GT	SEAL KIT (39345)	
24-	83134GT	BLOCK,AXLE EXTEND(S-80 81349)	
25	81729GT	SHIM,AXLE WEAR PAD	2
26	81728PGT	PLATE,AXLE STOP PAINTED	2
27	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	20
28	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	20
29	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	4
30	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
31	49189-1638GT	HOSE ASSY,1/4,STR FEM,STR from SN 4952	2
31-	28646GT	ZERK,GREASE,1/8 NPT	
31-	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	
31-	102729GT	ELBOW,90D,1/8 NPT X #4 JIC	
31-	61742GT	NIPPLE,PIPE,LONG 1/8 X 1.5	
32	81711PGT	COVER,REAR AXLE S80 PAINTED	
33	8516GT	SCREW, HCC, 3/8-16 X 1.50	
34	88006GT	CLAMP,AXLE EXTEND HOSE	1
35	88007GT	MOUNT,AXLE EXTEND HOSE CLAMP	1
36	4828GT	NUT, NYLOCK, 3/8-16	
37	5397GT	WASHER, FLAT, USS, 5/16-18	
38	5224GT	SCREW,HHC,3/8-16 X 2	
39	111142GT	ZERK,GREASE,1/8 NPT,1-3/4"LG from SN 4952	2
40	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
41	81378GT	PIN,2.50DIAX27.63LG,1HOLE	1
42	1256267GT	ROD END,.5 X 3.75,ZAG	1

206.1 4WD Steer Axle Linkage



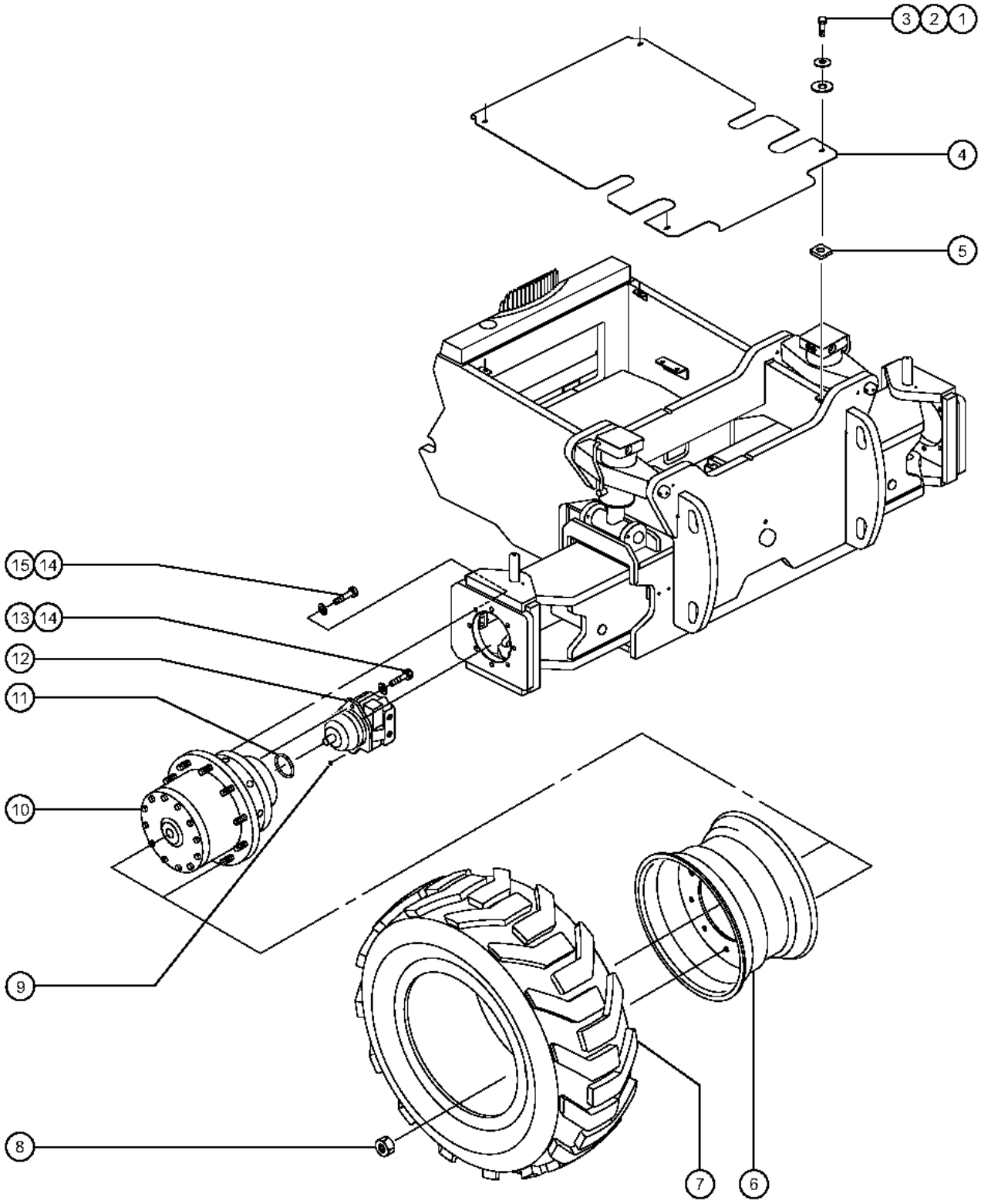
Item	Part No.	Description	Qty.
1	34290PGT	ADJUSTMENT LUG,1.25-7 PNTD	1
2	34276GT	PIN,1.25DIAX3.37LG,1HOLE	2
3	1255452GT	ROD END,.375 X 2.25,ZAG	6
4	6175GT	SCREW,HHC,3/8-16 X 1	
5	6021GT	WASHER, LOCK, .375	
6	27953GT	NUT,HEX,JAM,1.25-7	
7	81993GT	CYLINDER,TIE ROD, S80/S85	1
7-	77529GT	SEAL KIT,TIE ROD(81993)	
7-	33428GT	VALVE,COUNTERBALANCE	
7-	43018GT	SEAL KIT (39345)	
8	81737PGT	FORMING,FRONT AXLE HOSE PAINT	1
9	30734GT	PIN,1.00DIAX2.88LG,1HOLE	2
10	81908PGT	PLATE,STEER LUG,PAINTED to SN 3613	2
10-	101281PGT	PLATE,FR AXLE STEER LUG MAC from SN 3614	
11	8255GT	SCREW,HHC,3/8-16 X .75	
12	61662-SGT	WELDMENT,GUIDE BRACKET from SN 4212 to SN 4435	2
12-	61662-SGT	WELDMENT,GUIDE BRACKET from SN 4618	2
13	8516GT	SCREW, HCC, 3/8-16 X 1.50	
14	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH* to SN 4211	2
14-	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH* from SN 4436 to SN 4617	2
15	825019GT	ROD END, .375X3.69, ZAG	4
16	81895GT	PIN,1.50DIAX7.88LG,THREADED to SN 4211	2
16-	81599GT	PIN, 1.5DIA X 4.38LG,1HOLE from SN 4212 to SN 4435	2
16-	81895GT	PIN,1.50DIAX7.88LG,THREADED from SN 4436 to SN 4617	2
16-	81599GT	PIN, 1.5DIA X 4.38LG,1HOLE from SN 4618	2
17	77530GT	4WD YOKE WELD ASSEM.LH includes items 30 and 31	1
18	81599GT	PIN, 1.5DIA X 4.38LG,1HOLE	2
19	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	4

206.1 4WD Steer Axle Linkage



Item	Part No.	Description	Qty.
20	6097GT	WASHER, FLAT, USS, 3/8", Y	
21	4828GT	NUT, NYLOCK, 3/8-16	
22	81725GT	FORMING,FRONT AXLE HOSE CLAMP	1
23	81709GT	CLAMP,AXLE EXTEND HOSE	1
24	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
25	77532GT	WELDMENT,OUTER FRONT AXLE S80 includes item 24	1
26	81607GT	COVER,FRONT INNER AXLE	2
27	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	4
28	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
29	77531GT	YOKE WELDMENT,ASSEM RH.4WD includes items 30 and 31	1
30	34245GT	BEARING,1.25IDX1.50X1.25L	2
31	25817GT	BEARING,1.00IDX1.25ODX1.00L	4
32	59370GT	CYLINDER,STEER	2
32	88349GT	SEAL KIT,STEER CYL***	
33	81600GT	PIN,1.00DIAX3.63LG,THREADED	2
34	88123PGT	FORMING,FRONT AXLE HOSE BH,RH	1
35	6090GT	SCREW, HHC, 1/4-20 X .75	
36	6356GT	WASHER,LOCK,.25	
37	34348GT	SCREW,HHC,3/4-10 X 3 GRD.8	4
38	33278GT	WASHER, FLAT, .75 HARDENED	4

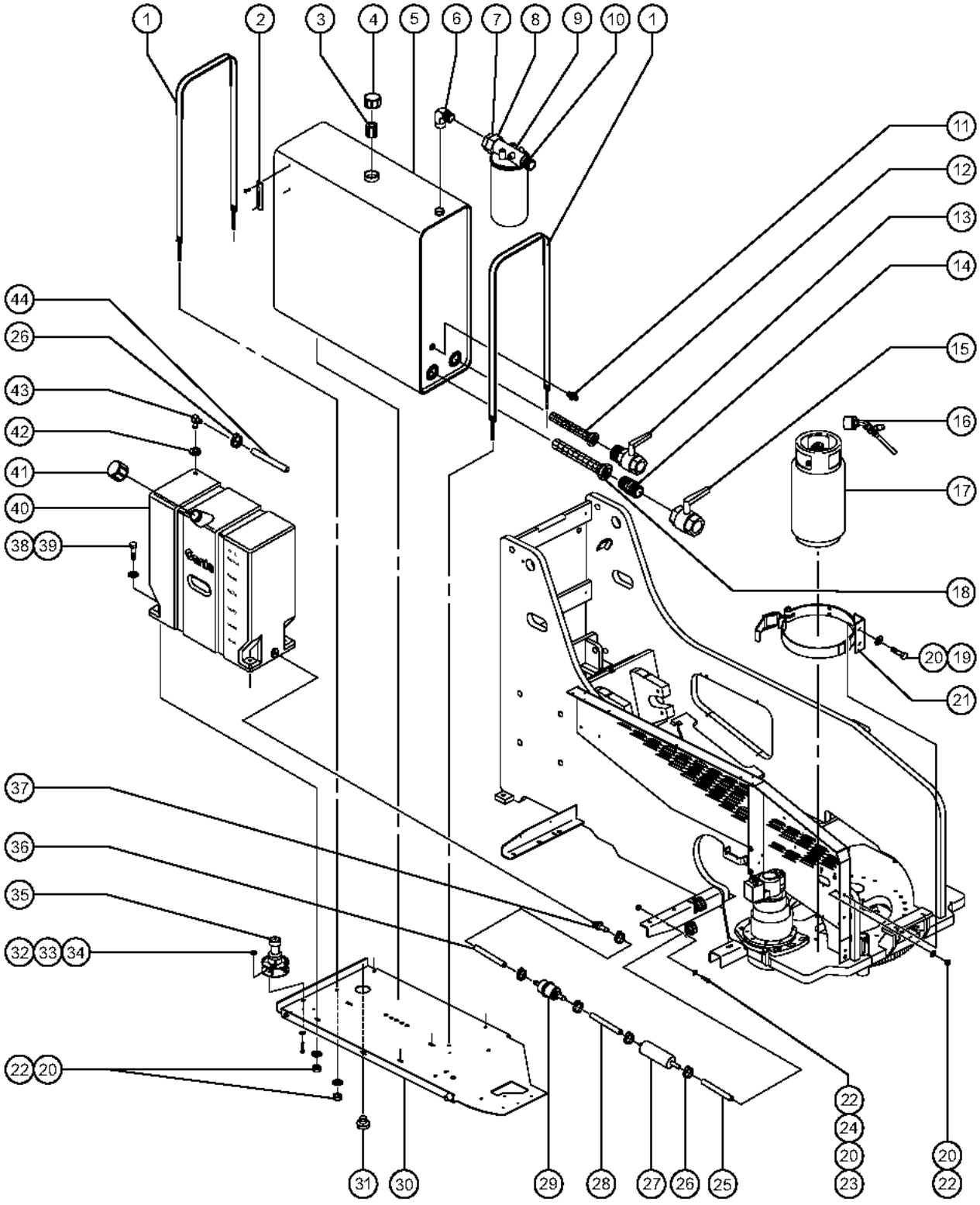
207.1 4WD Steer Axle - Wheel and Hubs



207.1 4WD Steer Axle - Wheel and Hubs

Item	*Part No.*	*Description*	*Qty.*
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER,LOCK,.25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	77538GT	COVER,ASSY,DRIVE CHASSIS FRONT	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
-	33441GT	STUD,WHEEL,3/4-16, (34115)	
6		Ref. Wheel (refer to 203.1)	
7		Ref. Tire (refer to 203.1)	
9		Ref. O-ring (refer to 204.1)	
10		Ref. Drive Hub (refer to 204.1)	
11		Ref. O-ring (refer to 204.1)	
12		Ref. Drive Motor (refer to 204.1)	
13		Ref. Screw (refer to 204.1)	
14		Ref. Flat Washer (refer to 204.1)	
15		Ref. Screw (refer to 204.1)	

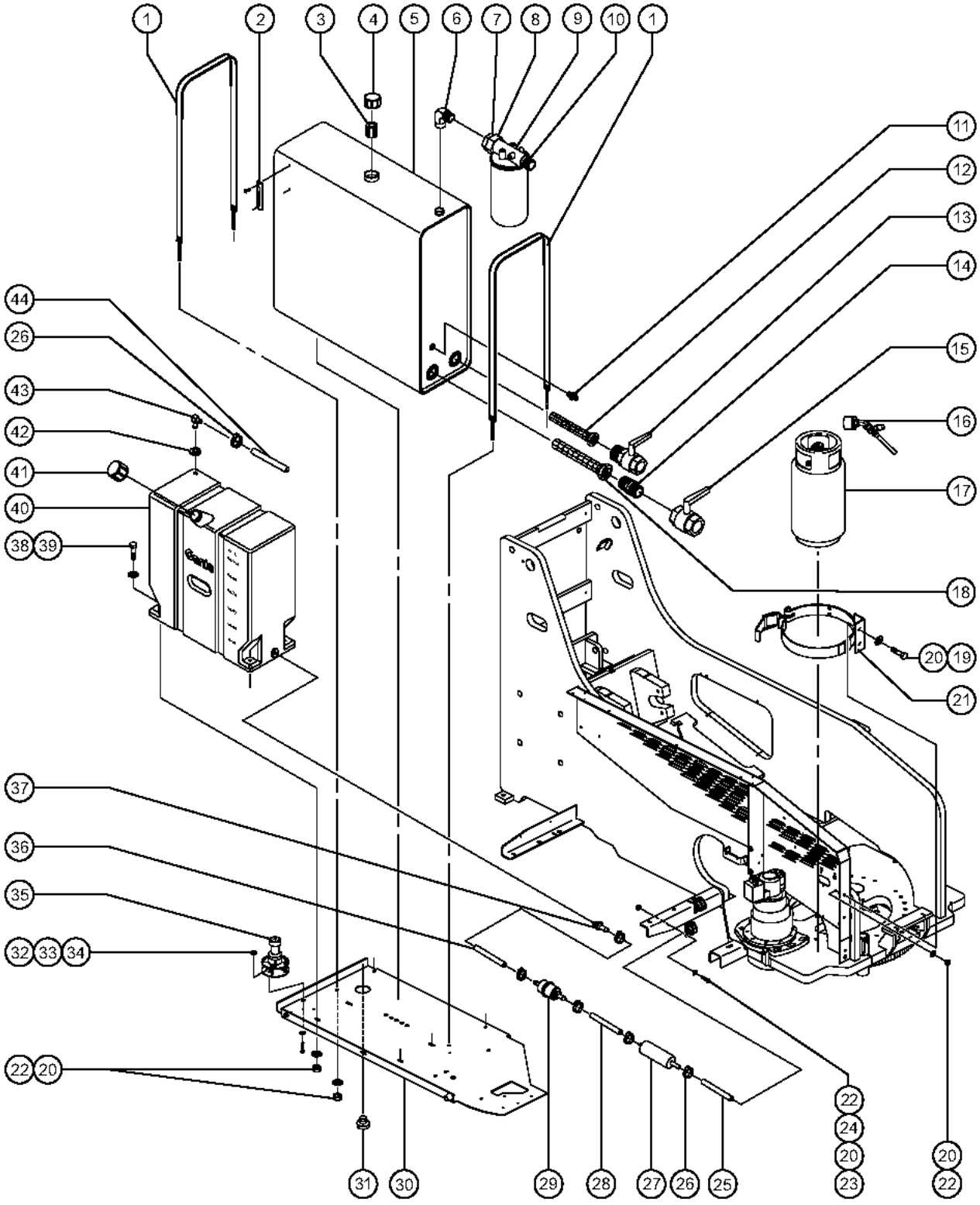
301.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (to SN 5380)



301.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (to SN 5380)

Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
2	21141GT	GAUGE-SIGHT,LHA-LGTB***	1
3	31506GT	STRAINER,FILLER NECK	1
4	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
5	58210GT	HYDRAULIC TANK ASSY,S40/80*** includes items 2-4, 8 and 27; to SN 3348	1
5-	58211GT	HYDRAULIC TANK ASSY,S40/80*** includes items 2-4, 8 and 27; from SN 3349 to SN 3907	
5-	101855GT	TANK,HYD,45 GALLON ASSY W/DEC includes items 2-4, 8, 14 and 27; from SN 3908	
6	73767GT	ELBOW,140239-16-16	1
7	49729GT	ADAPTER,SAE-16,1 FPT	1
8	73768GT	CONN,090136-20-16	1
9	60508GT	FILTER,RETURN,ASSY 10 MICRON	1
9-	61326GT	FILTER ELEMENT,10 MICRON,60508	
9-	52768GT	GAUGE,MED.PRESSUR FILTER,50530	
10	73769GT	CONN,520120-16-20	1
11	48922GT	CONN,520102-6-6 to SN 3907	1
11-	48916GT	CONN, 520120-6 from SN 3908	
12	45161GT	STRAINER ASSEMBLY,1.5" NPT to SN 3907	1
12-	147419GT	KIT,STRAINER REPLACEMENT from SN 3908	
13	48996GT	VALVE,BALL,16 MSAE-16 FSAE***	1
14	61263GT	UNION,STR.THREAD 20	1
15	101494GT	VALVE,BALL,FSAE-20,FSAE-20	1
16	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**	1
17	53605GT	TANK, 7 GAL/33.5 POUND, LP	1
18	45161GT	STRAINER ASSEMBLY,1.5" NPT to SN 3907	1
18-	101491GT	STRAINER,20 SAE F/24 SAE M*** from SN 3908	
19	6175GT	SCREW,HHC,3/8-16 X 1	

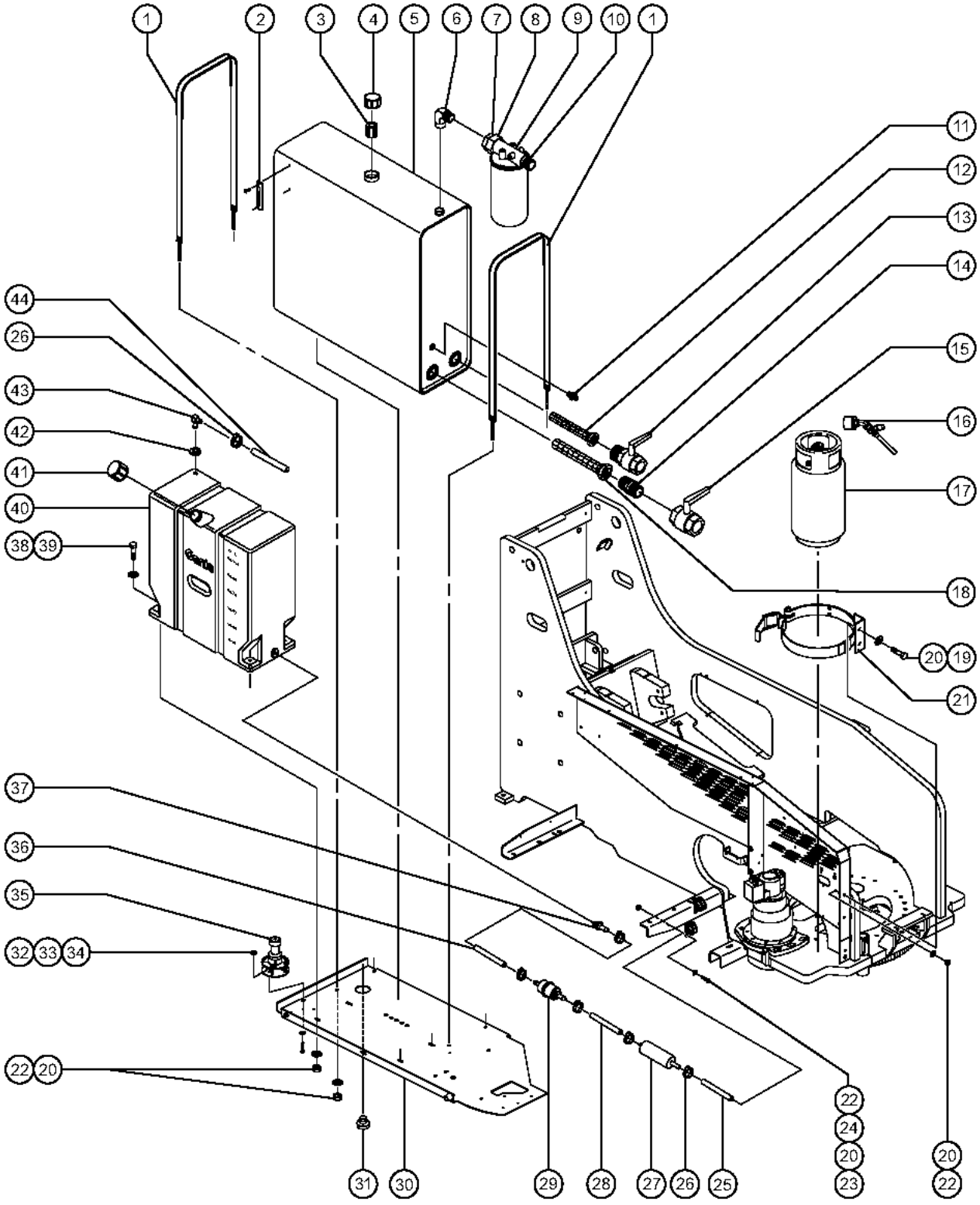
301.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (to SN 5380)



301.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (to SN 5380)

Item	Part No.	Description	Qty.
20	5397GT	WASHER, FLAT, USS, 5/16-18	
21	53120-SGT	LP.TANK BRACKET TALL WLDMNT	1
22	4828GT	NUT, NYLOCK, 3/8-16	
23	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
24	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH*	2
25	42941GT	HOSE,3/8",FUEL,30R7 GM models	
25-	71909GT	HOSE,FUEL,5/16 HIGH PRESSURE** Ford models	
25-	20973GT	WIRE LOOM,3/8 POLY SLIT	
26	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	3
27	77536GT	PUMP,FUEL GM 3.0 ENG. C282-238 to SN 3832	1
27-	77219GT	PUMP, FUEL, LRG425, WALBRO from SN 3833	
28	42941GT	HOSE,3/8",FUEL,30R7 GM models	
29	65626GT	FILTER-FUEL, GM 3.0L ENGINE to SN 3832	1
29-	52179GT	FILTER, FUEL LRG 425/423 EFI to SN 3832	
30	81147PGT	FORMING,TANK TRAY PAINTED	1
31	31507GT	PLUG,SQUARE HEAD,3/4 MPT to SN 3907	1
31-	94612GT	PLUG,MAGNETIC,SAE-6*** from SN 3908	
32	6889GT	NUT,LP NYLOCK,1/4-20	
33	6638GT	WASHER, FLAT, USS, 1/4"Y	
34	6888GT	SCREW, HHC, 1/4-20 X 1	
35	94077GT	SENSOR,LEVEL,4.5 DEG	1
35-	1260218GT	HARNESS,TILT ALARM,12V for CSA models only from SN 3082 to 5380	
35-	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN For ANSI/CSA models with 6-pin wire harness connector, includes instructions	
36	42941GT	HOSE,3/8",FUEL,30R7 GM models	
36-	71909GT	HOSE,FUEL,5/16 HIGH PRESSURE** Ford models	
37	27901GT	HOSE END,BARBED,RIGID,-6-6	1
38	8178GT	SCREW, HHC, 3/8-16 X 2.5	
39	6097GT	WASHER, FLAT, USS, 3/8", Y	

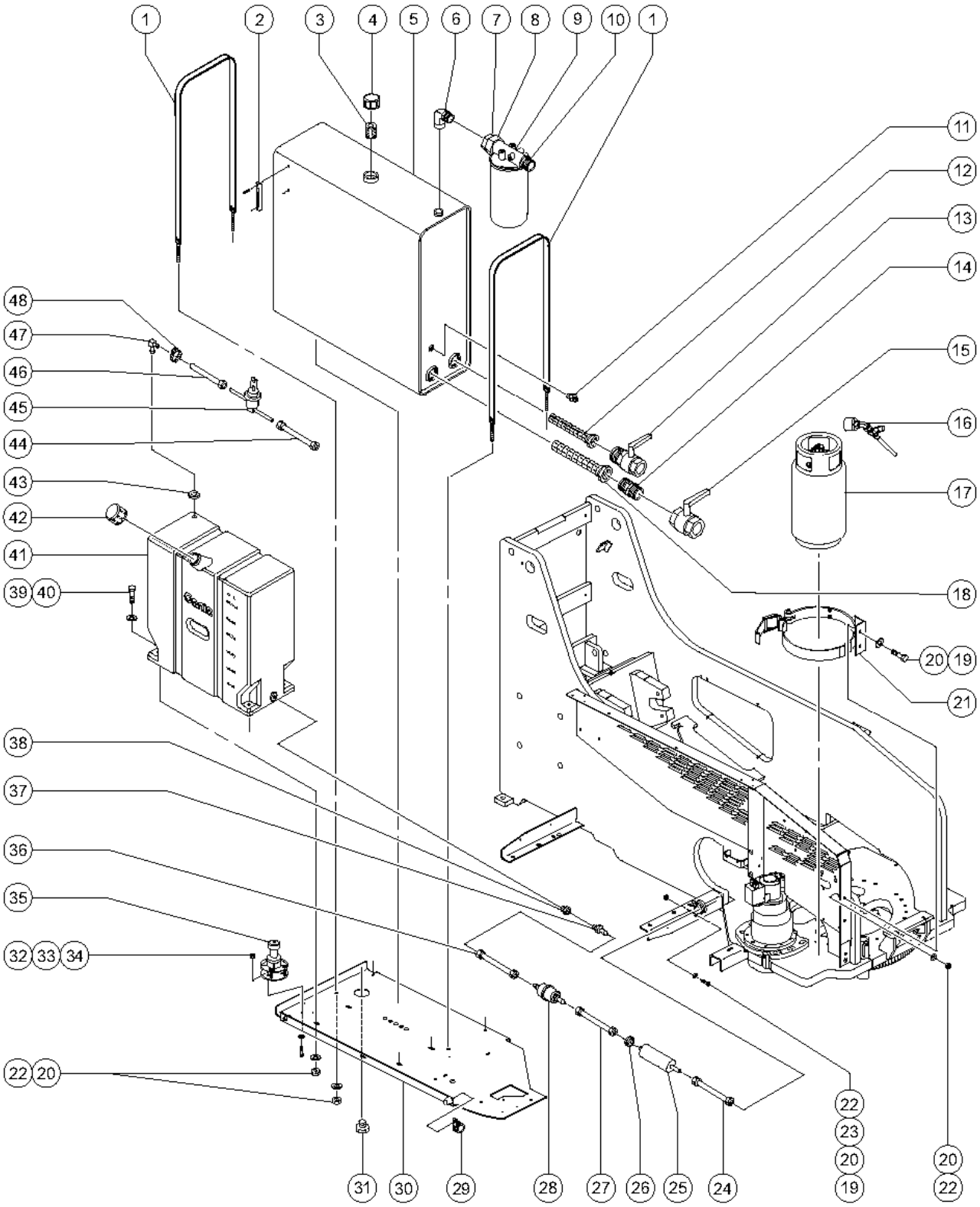
301.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (to SN 5380)



301.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (to SN 5380)

Item	*Part No.*	*Description*	*Qty.*
40	77804GT	FUEL TANK,H/D PLASTIC W/DECAL	1
41	101727GT	CAP,FUEL,GAS,1/8"VENT(RED)	1
42	61240GT	BUSHING,FUEL TANK FITTING (SM)	1
43		FUEL RETURN,DAPCO 5/16" no longer available	1
44	27089GT	HOSE,5/16 FUEL,SAE 30R7	
44-	27089GT	HOSE,5/16 FUEL,SAE 30R7 Ford models	

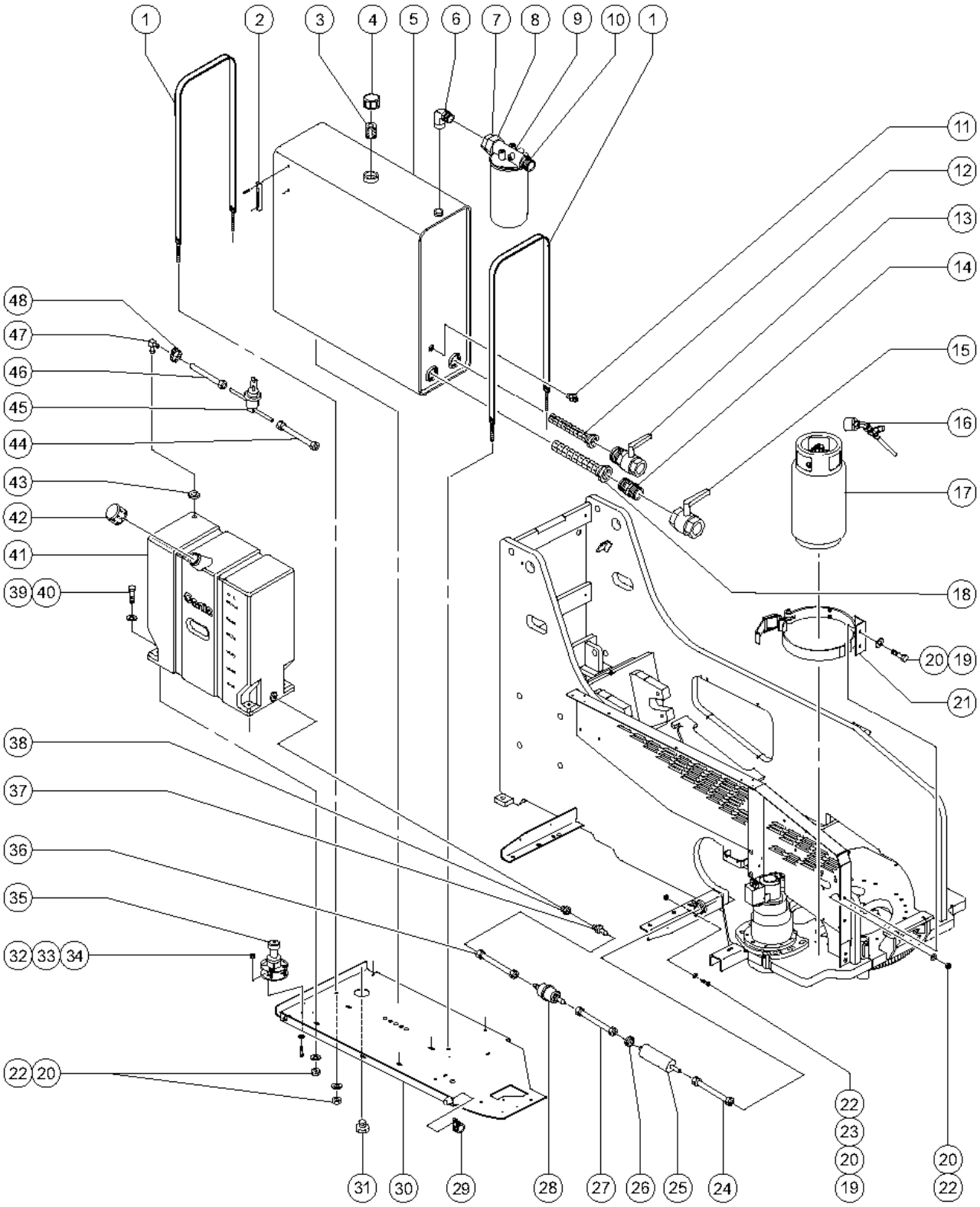
301.2 Hydraulic and Fuel Tanks - Gasoline/LPG Models (from SN 5381)



301.2 Hydraulic and Fuel Tanks - Gasoline/LPG Models (from SN 5381)

Item	Part No.	Description	Qty.
	20973GT	WIRE LOOM,3/8 POLY SLIT	
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
2	21141GT	GAUGE-SIGHT,LHA-LGTB***	1
3	31506GT	STRAINER,FILLER NECK	1
4	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
5	101855GT	TANK,HYD,45 GALLON ASSY W/DEC includes items 2-4, 8, and 14	1
6	73767GT	ELBOW,140239-16-16	1
7	49729GT	ADAPTER,SAE-16,1 FPT	1
8	73768GT	CONN,090136-20-16	1
9	60508GT	FILTER,RETURN,ASSY 10 MICRON	1
9-	61326GT	FILTER ELEMENT,10 MICRON,60508	
9-	52768GT	GAUGE,MED.PRESSUR FILTER,50530	
10	73769GT	CONN,520120-16-20	1
11	48922GT	CONN,520102-6-6	1
12	147419GT	KIT,STRAINER REPLACEMENT	1
13	48996GT	VALVE,BALL,16 MSAE-16 FSAE***	1
14	61263GT	UNION,STR.THREAD 20	1
15	101494GT	VALVE,BALL,FSAE-20,FSAE-20	1
16	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**	1
17	53605GT	TANK, 7 GAL/33.5 POUND, LP	1
18	101491GT	STRAINER,20 SAE F/24 SAE M***	1
19	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
20	5397GT	WASHER, FLAT, USS, 5/16-18	
21	53120-SGT	LP.TANK BRACKET TALL WLDMNT	1
22	4828GT	NUT, NYLOCK, 3/8-16	
23	61745GT	CLAMP,2.25,#36 X 3/8,RUB CUSH	1

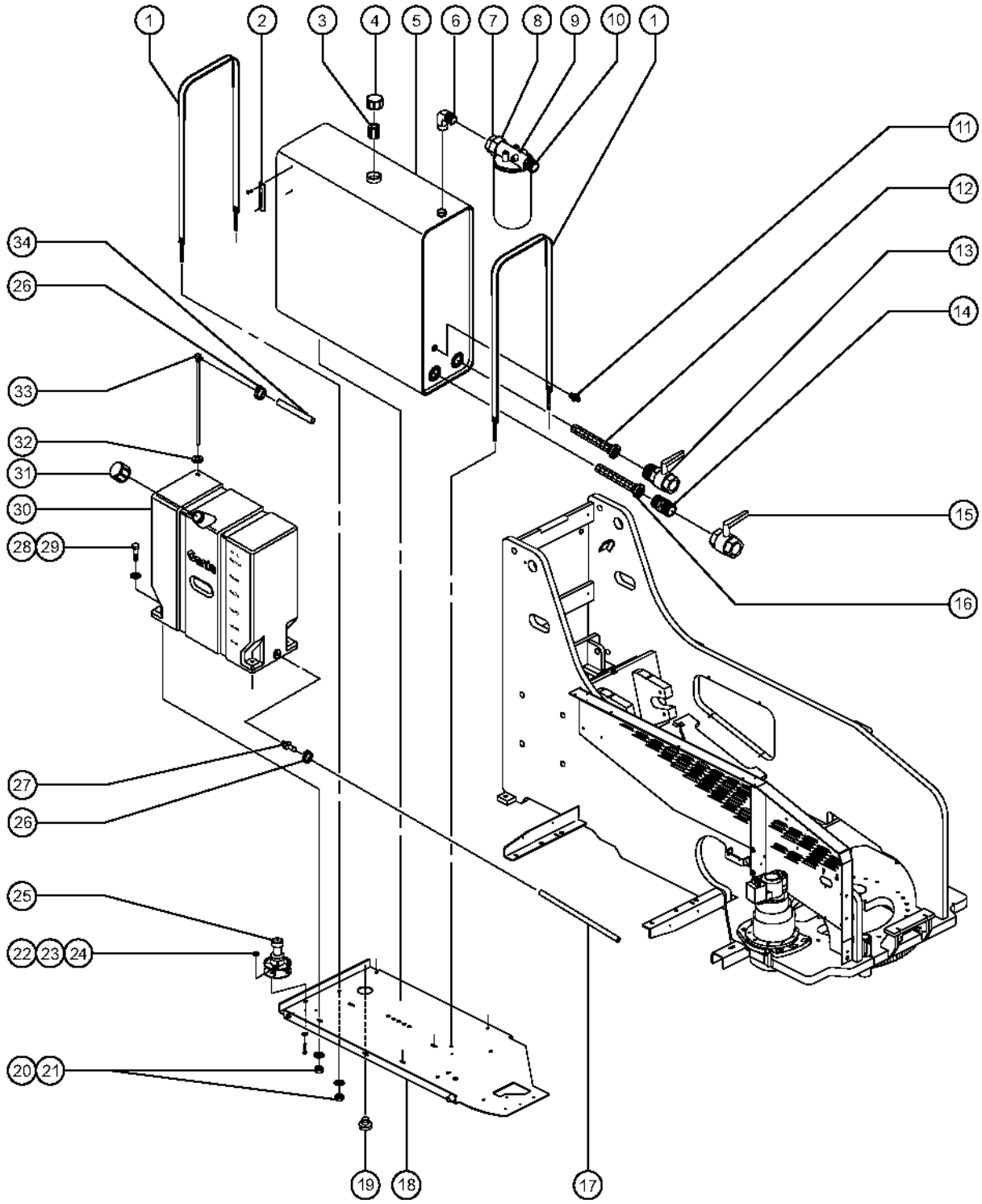
301.2 Hydraulic and Fuel Tanks - Gasoline/LPG Models (from SN 5381)



301.2 Hydraulic and Fuel Tanks - Gasoline/LPG Models (from SN 5381)

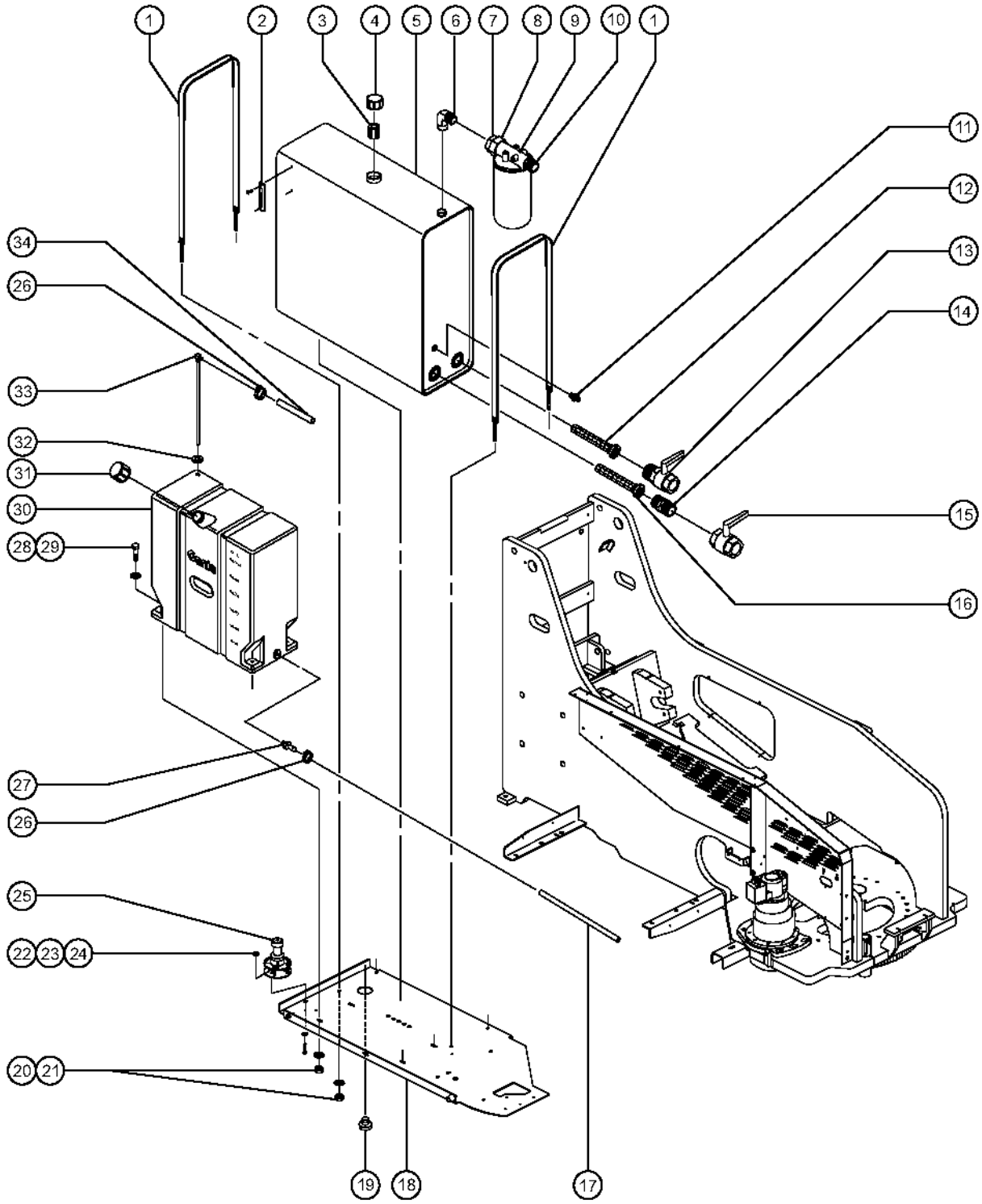
Item	Part No.	Description	Qty.
24	111817-8000GT	HOSE ASSY,SAE J2260/J2044,2END	1
25	111915GT	FUEL PUMP,TME 2.7L ENGINE	1
26	60584GT	GROMMET,RUBBER .75 X .19 X 1**	1
27	111817-3200GT	HOSE ASSY,SAE J2260/J2044,2END	1
28	111797GT	FILTER, GAS, SAE J2044 FITTING	1
29	66031GT	CLAMP,1.88,#30 X 3/8,RUB CUSH	1
30	81147PGT	FORMING,TANK TRAY PAINTED	1
31	94612GT	PLUG,MAGNETIC,SAE-6***	1
32	6889GT	NUT,LP NYLOCK,1/4-20	
33	6638GT	WASHER, FLAT, USS, 1/4"Y	
34	6888GT	SCREW, HHC, 1/4-20 X 1	
35	94077GT	SENSOR,LEVEL,4.5 DEG	1
35-	1260218GT	HARNESS,TILT ALARM,12V for CSA models only from SN 5381	
35-	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN For ANSI/CSA models with 6-pin wire harness connector, includes instructions	
36	111817-0500GT	HOSE ASSY,SAE 2260/J2044,2END	1
37	111818GT	FITTING,1/4 NPT X SAE J2044	1
38	106033GT	ADAPTER,NPT 6-4	1
39	8178GT	SCREW, HHC, 3/8-16 X 2.5	
40	6097GT	WASHER, FLAT, USS, 3/8", Y	
41	77804GT	FUEL TANK,H/D PLASTIC W/DECAL	1
42	101727GT	CAP,FUEL,GAS,1/8"VENT(RED)	1
43	61240GT	BUSHING,FUEL TANK FITTING (SM)	1
44	111817-3600GT	HOSE ASSY,SAE J2260/J2044,2END	1
45		Ref. Fuel Pressure Regulator (refer to 420.1)	
46	111817-13600GT	Hose Assembly - Components: Genie part numbers 111819, 119492 and 71909 @ 135 inches	1
47		FUEL RETURN,DAPCO 5/16" no longer available	1
48	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	3

302.1 Hydraulic and Fuel Tanks - Diesel Models



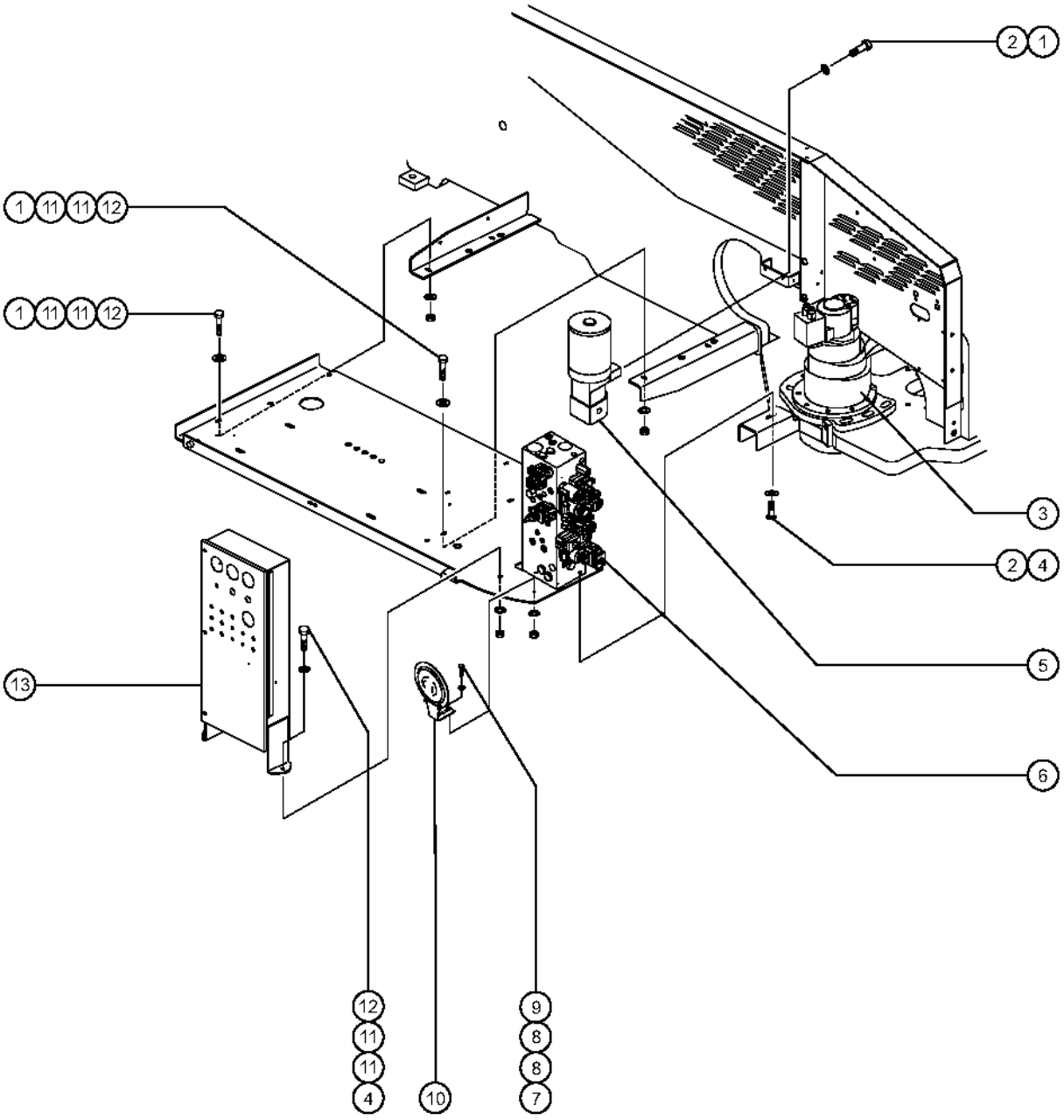
Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
2	21141GT	GAUGE-SIGHT,LHA-LGTB***	1
3	31506GT	STRAINER,FILLER NECK	1
4	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
5		Ref. Hydraulic Tank Assembly, (refer to 301.1)	
6	73767GT	ELBOW,140239-16-16	1
7	49729GT	ADAPTER,SAE-16,1 FPT	1
8	73768GT	CONN,090136-20-16	1
9	60508GT	FILTER,RETURN,ASSY 10 MICRON	1
9-	61326GT	FILTER ELEMENT,10 MICRON,60508	
9-	52768GT	GAUGE,MED.PRESSUR FILTER,50530	
10	73769GT	CONN,520120-16-20	1
11	48922GT	CONN,520102-6-6 to SN 3907	1
11-	48916GT	CONN, 520120-6 from SN 3908	
12	45161GT	STRAINER ASSEMBLY,1.5" NPT to SN 3907	1
12-	147419GT	KIT,STRAINER REPLACEMENT from SN 3908	
13	48996GT	VALVE,BALL,16 MSAE-16 FSAE***	1
14	61263GT	UNION,STR.THREAD 20	1
15	101494GT	VALVE,BALL,FSAE-20,FSAE-20	1
16	45161GT	STRAINER ASSEMBLY,1.5" NPT to SN 3907	1
16-	101491GT	STRAINER,20 SAE F/24 SAE M*** from SN 3908	
17	42941GT	HOSE,3/8",FUEL,30R7	
17-	42941GT	HOSE,3/8",FUEL,30R7	
17-	42941GT	HOSE,3/8",FUEL,30R7	
17-	27089GT	HOSE,5/16 FUEL,SAE 30R7 to SN 5163	
17-	27089GT	HOSE,5/16 FUEL,SAE 30R7 from SN 5164	

302.1 Hydraulic and Fuel Tanks - Diesel Models



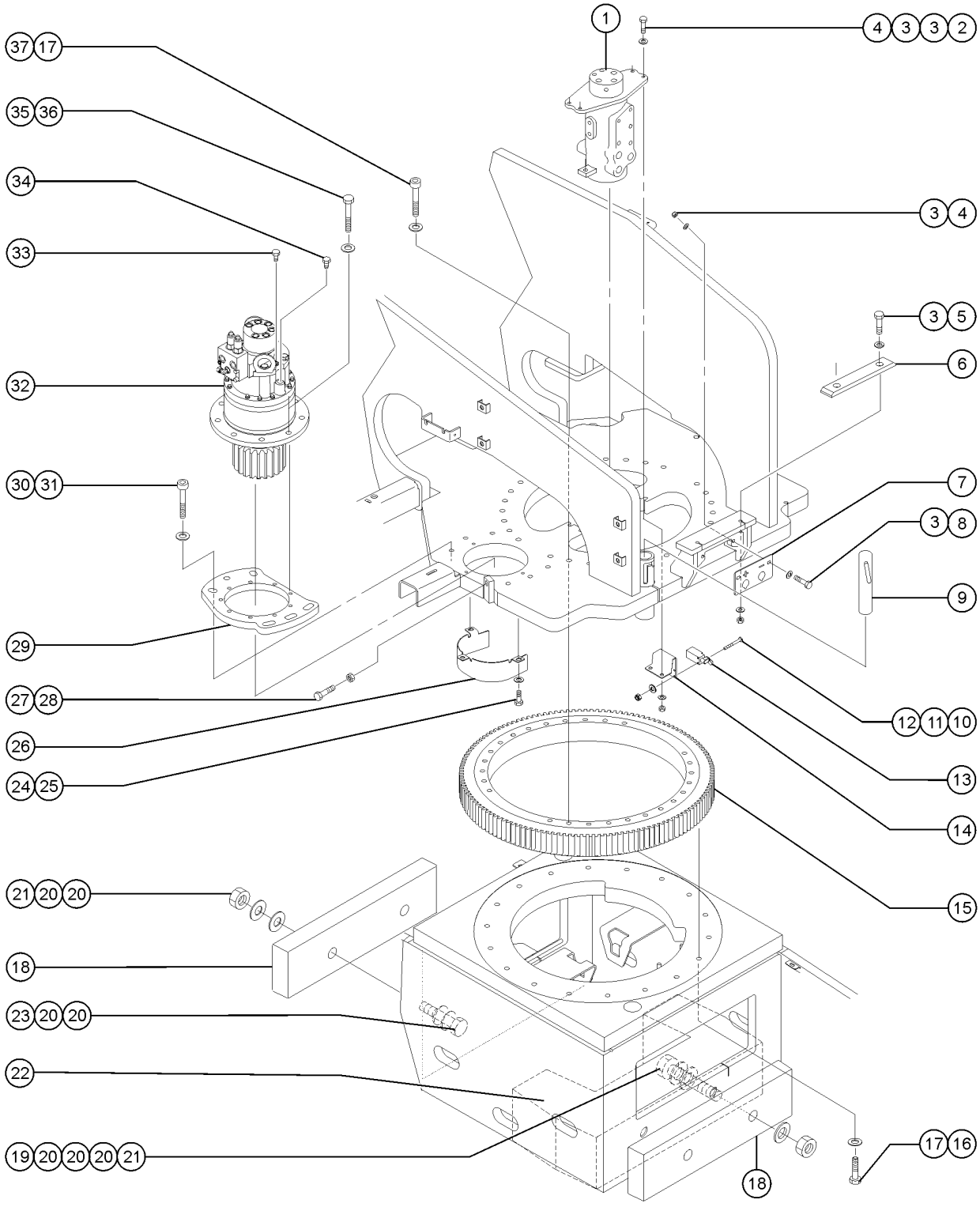
Item	Part No.	Description	Qty.
17-	27089GT	HOSE,5/16 FUEL,SAE 30R7	
17-	27089GT	HOSE,5/16 FUEL,SAE 30R7	
18	81147PGT	FORMING,TANK TRAY PAINTED	1
19		Ref. Drain Plug (refer to 301.1)	
20	4828GT	NUT, NYLOCK, 3/8-16	
21	5397GT	WASHER, FLAT, USS, 5/16-18	
22	6889GT	NUT,LP NYLOCK,1/4-20	
23	6638GT	WASHER, FLAT, USS, 1/4"Y	
24	6888GT	SCREW, HHC, 1/4-20 X 1	
25	94077GT	SENSOR,LEVEL,4.5 DEG USA/Canada/ Australia models	1
25-	1260218GT	HARNESS,TILT ALARM,12V for CSA models only from SN 3082	
25-	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN For ANSI/CSA models with 6-pin wire harness connector, includes instructions	
26	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	2
27	27901GT	HOSE END,BARBED,RIGID,-6-6	1
28	8178GT	SCREW, HHC, 3/8-16 X 2.5	
29	6097GT	WASHER, FLAT, USS, 3/8", Y	
30		Ref. Fuel Tank Assembly with Decal, (refer to 301.1)	
31	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) no longer available, (replaced by 1316635)	1
31B	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1
32	61240GT	BUSHING,FUEL TANK FITTING (SM)	1
33	88091GT	FUEL RETURN,DAPCO 1/4" to SN 3737, (use until exhausted)	1
33-	102106GT	FUEL RETURN,DAPCO 5/16" from SN 3738	
34	35418GT	HOSE,FUEL,3/16,SAE 30R7	
34-	27089GT	HOSE,5/16 FUEL,SAE 30R7	
34-	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7	
34-	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7	

303.1 Function Manifold and Auxiliary Power Unit Installation



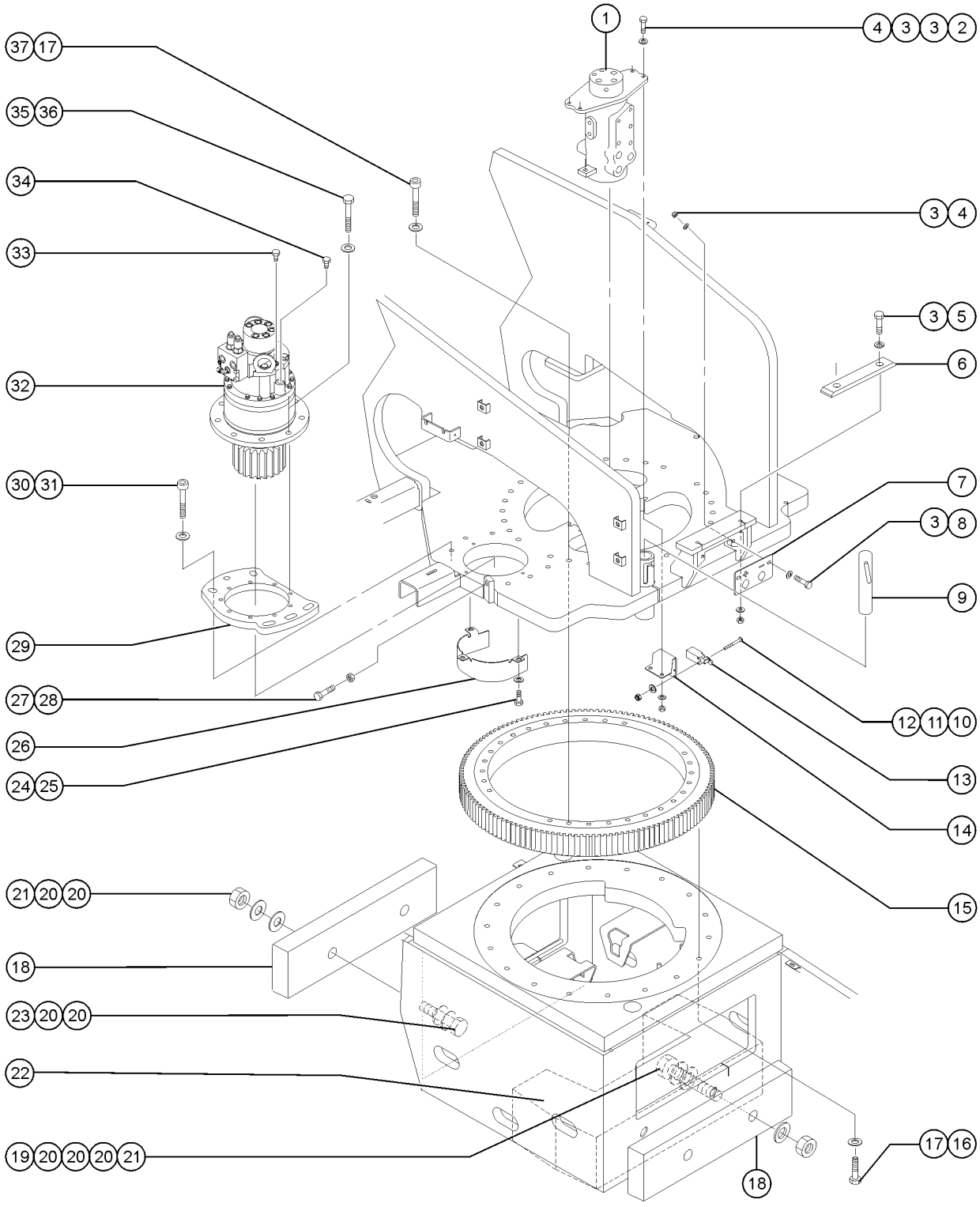
Item	Part No.	Description	Qty.
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
2	6021GT	WASHER, LOCK, .375	
3		Ref. Turntable Rotator (refer to 304.1)	
4	6175GT	SCREW,HHC,3/8-16 X 1	
5	89617GT	POWER UNIT,AUX PUMP 12VDC complete, replaced 81071	1
5-	58489GT	PUMP ASSY,AUX.POWER UNIT 89617 use with APU 89617	
5-	62268GT	PUMP, AUX. POWER UNIT use with APU 81071	
5-	62414GT	SEAL, SHAFT, 60511 APU use with 81071	
5-	37187GT	SEAL KIT, 37185 PUMP use with 81071	
5-	37192GT	COUPLER, PUMP / MOTOR (36179) use with 81071	
5-	77071GT	SOLENOID,77066 use with 81071 and 89617	
5-	77069GT	MOTOR,12VDC,77066 use with 81071 and 89617	
5-	147289GT	SEAL KIT, APU use with APU 89617	
5-	147290GT	SHAFT SEAL, APU use with APU 89617	
6		Ref. Function and Dump Manifold Assembly (refer to 704.1 or 705.1)	
7	6888GT	SCREW, HHC, 1/4-20 X 1	
8	6638GT	WASHER, FLAT, USS, 1/4"Y	
9	6091GT	NUT,NYLOCK,1/4-20	
10	81578GT	HORN,12VDC,SPADE TERMINALS***	1
11	6097GT	WASHER, FLAT, USS, 3/8", Y	
12	4828GT	NUT, NYLOCK, 3/8-16	
13		Ref. Ground Control Box Assembly (refer to 305.1 or 306.1)	

304.1 Turntable Rotator and Hydraulic Rotary Coupler Installation



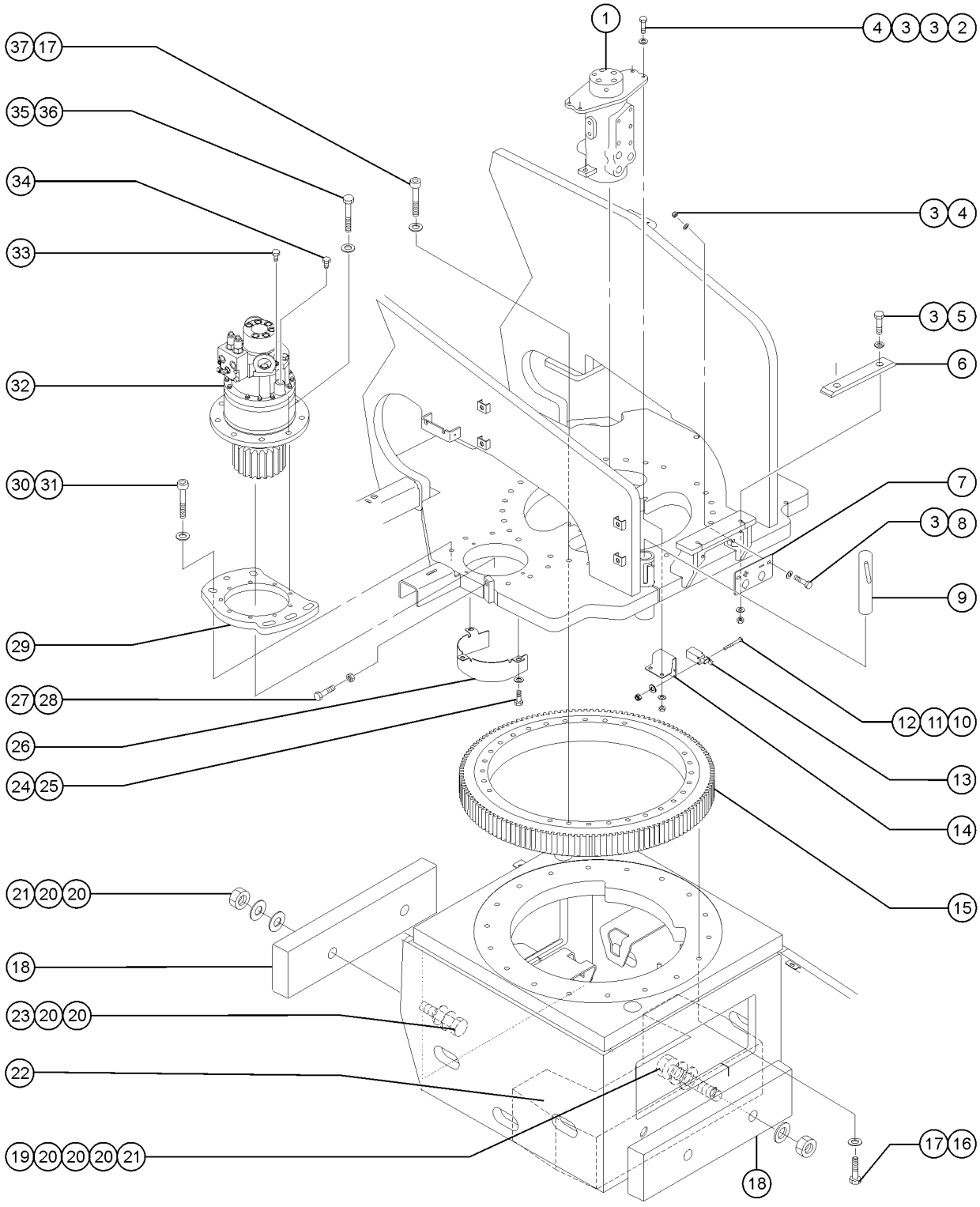
Item	*Part No.*	*Description*	*Qty.*
1		SWIVEL,HYDRAULIC,10 PORT (OBSOLETE) 81384 component no longer available	1
1-	77520GT	SEAL KIT,SWIVEL (81384) for 81384	
1B	1293483GT	SWIVEL,HYDRAULIC,10 PORT,LDI 81384 replacement	
1B-	1293487GT	SEAL KIT,SWIVEL,HYD (1293483) for 1293483	
2	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	35714GT	SCREW,FHS,3/8-16 X 2.25	
6	41549GT	PAD,BOOM REST	1
7	81645GT	BRACKET,WELD LEADS	1
8	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
9	81643GT	PIN,1.75 DIA X 9.00 LG.GES1362	1
9-	61223GT	PIN,TRANSPORT STORAGE HANDLE	
10	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
11	6146GT	WASHER,FLAT,MS,#10,Y	
12	6178GT	NUT, NYLOCK, 10-32	
13	88356-31163GT	SWITCH,LIMIT,W/R/R***	1
13-	97232GT	CONTACTOR-LIMIT SWITCH**	
13-	97128GT	ROLLER ARM,LIMIT SWITCH***	
14	81480PGT	FORMING,DRIVE ENABLE SWITCH	1
15	30895GT	BEARING,TURNTABLE	1
15-	227785GT	BEARING TURNTABLE SEAL***	
16	20654GT	SCREW,SHC,5/8-11 X 3.50,A574	18
17	13064GT	WASHER,FLAT,.625 HARDENED	48
19	22511GT	SCREW,HHC,1-8 X 15 GRD.2	
20	38859GT	WASHER,FLAT,USS,1",Y	
21	29764GT	NUT,NYLOCK,1-8	4
23	34079GT	SCREW,HHC,1-8 X 8.5 GRD.2	

304.1 Turntable Rotator and Hydraulic Rotary Coupler Installation



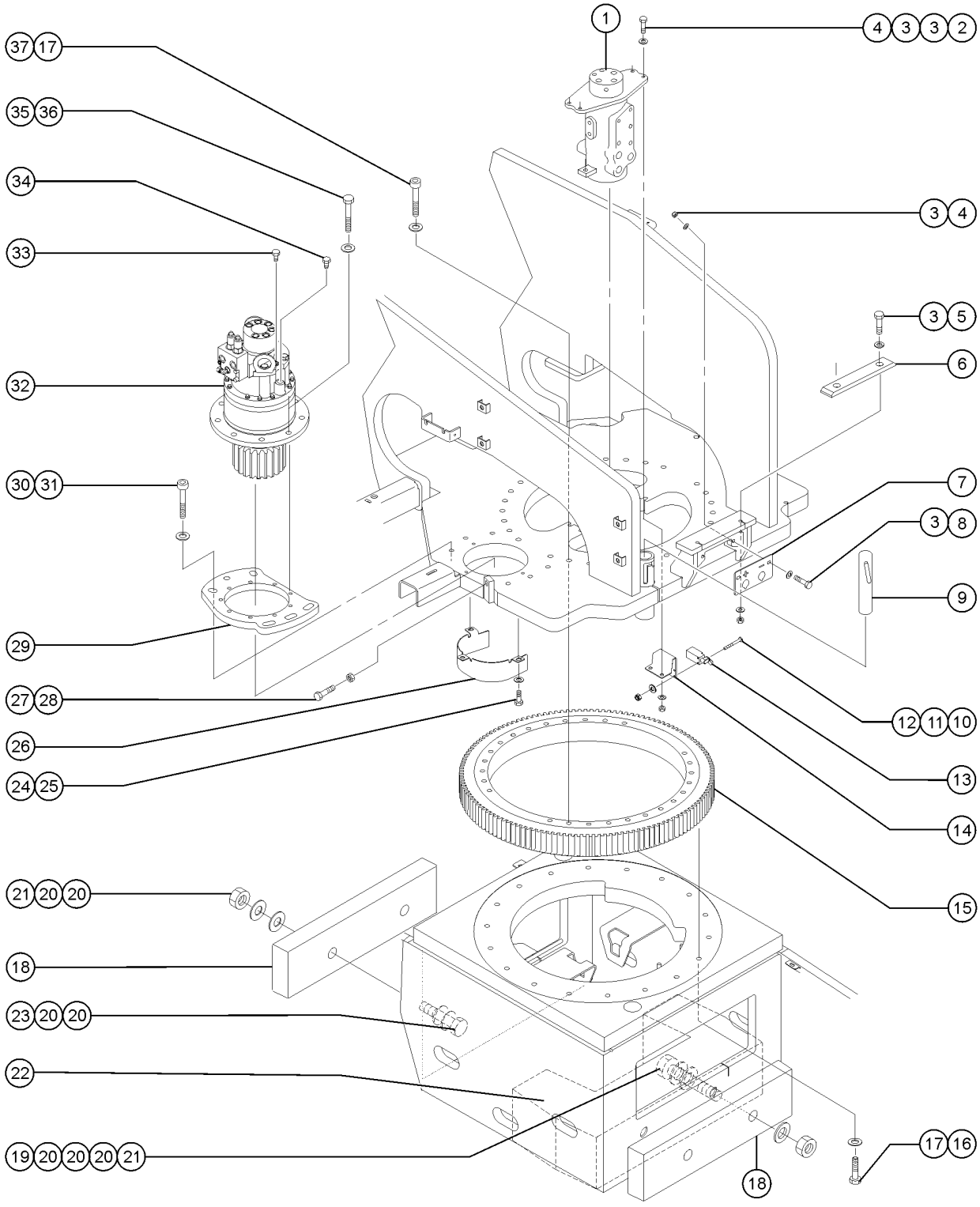
Item	Part No.	Description	Qty.
24	10587GT	SCREW,HHC,1/2-13 X.75	
25	6033GT	WASHER,LOCK,0.5"	
26	81986PGT	COVER,ROTATION GEAR PAINTED	1
27	61128GT	SCREW,HHC,3/4-10 X 4 FULL THRD	
28	6126GT	NUT,HEX,JAM,3/4-10	
29	81516GT	PLATE,BACKLASH ADJ.MACHINED**	1
30	88212GT	SCREW,SHC,3/4-10 X 3.00,A574	6
31	33278GT	WASHER, FLAT, .75 HARDENED	
32A	1255768GT	SWING DRIVE ASSEMBLY (Complete) swing drive 1255768 can be installed as a direct replacement of previous swing drives 139189, 88921, and 81367	
32A-	1315824GT	BEARING/SEAL KIT (1255768)	
32A-	139308GT	SWING MOTOR COMPLETE*** (Used on swing drive 1255768)	
32A-	139309GT	CBV ASSEMBLY*** (Used on swing drive 1255768)	
32A-	139323GT	VALVE,COUNTERBAL,CBCA-LIN*** (Used on swing drive 1255768)	
32A-	139315GT	O-RING,MOTOR/BRAKE*** (Used on swing drive 1255768)	
32A-	58304GT	SHAFT,OUTPUT (Used on swing drive 1255768)	
32A-	1255769GT	SEAL KIT, SWING BRAKE (Used on swing drive 1255768)	
32A-	1255770GT	KIT, FRICTION DISC (Used on swing drive 1255768)	
32A-	1255771GT	KIT, BRAKE SPRING (Used on swing drive 1255768)	
32A-	1255772GT	KIT, SWING BRAKE REBUILD (Used on swing drive 1255768)	
32A-	1255773GT	BRAKE TUBING (Used on swing drive 1255768)	
32A-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED manifold to motor,	
32A-	6886GT	WASHER,LOCK,.313 manifold to motor	
32B		Ref. SWING DRIVE ASSEMBLY Previous SWING DRIVE ASSEMBLY 139189 is no longer available, order complete assembly 1255768 for first time replacement	
32B-	139308GT	SWING MOTOR COMPLETE*** (Used on swing drive 139189)	
32B-	139309GT	CBV ASSEMBLY*** (Used on swing drive 139189)	
32B-	139323GT	VALVE,COUNTERBAL,CBCA-LIN*** (Used on swing drive 139189)	
32B-	139315GT	O-RING,MOTOR/BRAKE*** (Used on swing drive 139189)	

304.1 Turntable Rotator and Hydraulic Rotary Coupler Installation



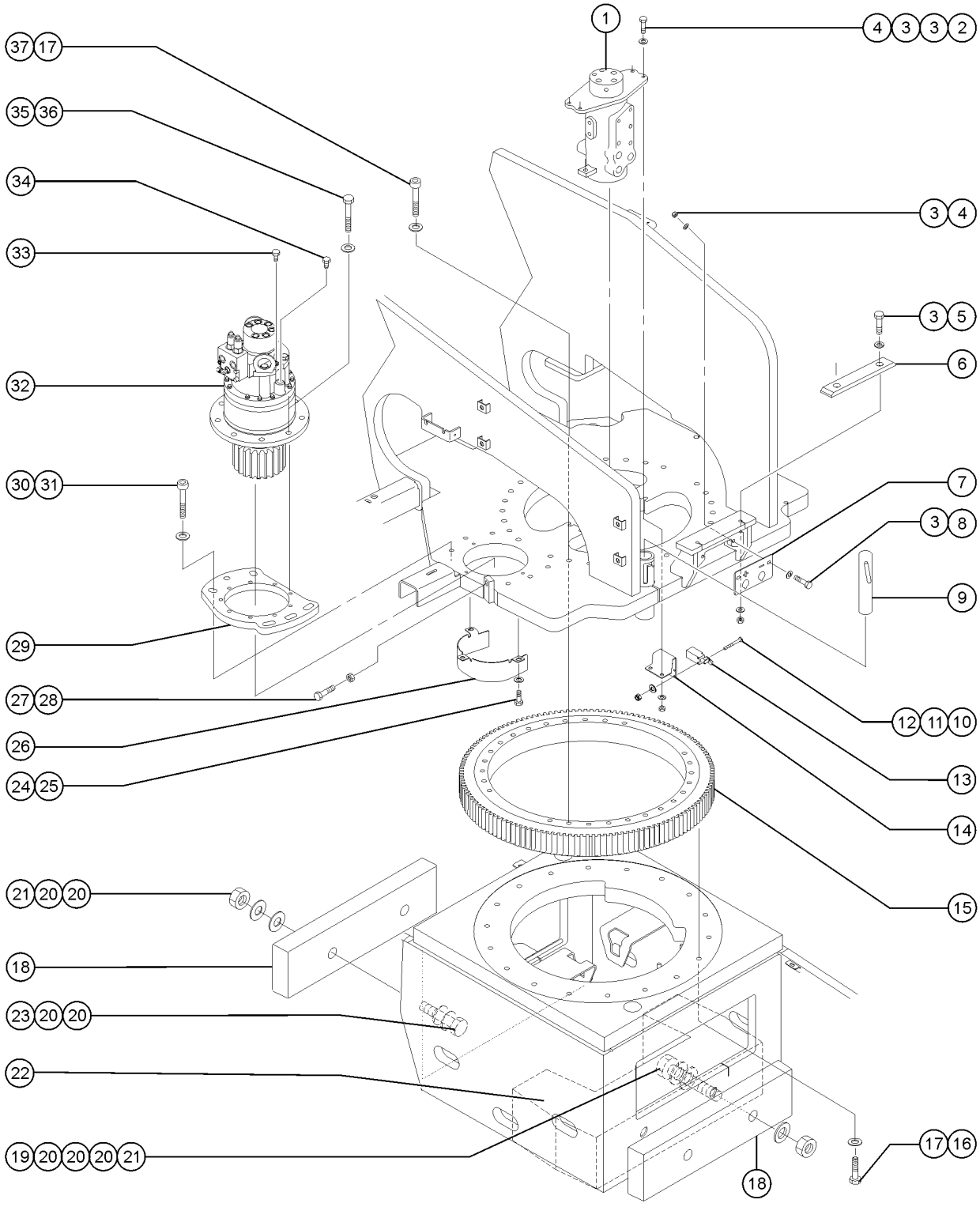
Item	Part No.	Description	Qty.
32B-	58304GT	SHAFT,OUTPUT (Used on swing drive 139189)	
32B-	139310GT	BRAKE TUBING*** (Used on swing drive 139189)	
32B-	139311GT	KIT,FRICTION DISC*** (Used on swing drive 139189)	
32B-	139312GT	KIT,BRAKE SPRING*** (Used on swing drive 139189)	
32B-	139313GT	SEAL KIT,SWING BRAKE*** (Used on swing drive 139189)	
32B-	139314GT	KIT,SWING BRAKE REBUILD*** (Used on swing drive 139189)	
32B-	94620GT	SEAL KIT,SWING TORQ HUB*** (Used on swing drive 139189)	
32B-	58596GT	BEARING KIT,OUTER (88921) (Used on swing drive 139189)	
32B-	58597GT	BEARING KIT,INNER (88921) (Used on swing drive 139189)	
32B-	83124GT	DRAIN PLUG (Used on swing drive 139189)	
32B-	21148GT	WASHER,THRUST,TORQUE HUB (Used on swing drive 139189)	
32B-	29290GT	SEAL KIT,FAIRFIELD (S1A2)*** does not include thrust washer part 21148 (used on swing drive 139189)	
32B-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED manifold to motor,	
32B-	6886GT	WASHER,LOCK,.313 manifold to motor	
32C		Ref. SWING DRIVE ASSEMBLY Previous SWING DRIVE ASSEMBLY 88921 is no longer available, order complete assembly 1255768 for first time replacement; from SN 3582	
32C-	58387GT	O-RING,MOTOR/BRAKE (88921)*** use with swing drive 88921; from SN 3582	
32C-	58596GT	BEARING KIT,OUTER (88921) use with swing drive 88921; from SN 3582	
32C-	58597GT	BEARING KIT,INNER (88921) use with swing drive 88921; from SN 3582	
32C-	94622GT	BRAKE PORT HARDLINE use with swing drive 88921; from SN 3582	
32C-	94623GT	KIT,FRICTION DISC use with swing drive 88921; from SN 3582	
32C-	94624GT	KIT,BRAKE SPRING use with swing drive 88921; from SN 3582	
32C-	94625GT	SEAL KIT,SWING BRAKE use with swing drive 88921; from SN 3582	
32C-	94626GT	KIT,SWING BRAKE REBUILD use with swing drive 88921; from SN 3582	
32C-	94621GT	SWING MOTOR,COMPLETE*** use with swing drive 88921; from SN 3582	
32C-	65616GT	SEAL KIT PWR WHL MOTOR use with swing motor 94621 on swing drive 88921; from SN 3582	
32C-	29290GT	SEAL KIT,FAIRFIELD (S1A2)*** does not include thrust washer part 21148 (used with swing drive 88921); from SN 3582	
32C-	21148GT	WASHER,THRUST,TORQUE HUB use with swing drive 88921; from SN 3582	
32C-	81366GT	MANIFOLD,SWING CB & BRAKE use with swing drive 88921; from SN 3582	

304.1 Turntable Rotator and Hydraulic Rotary Coupler Installation



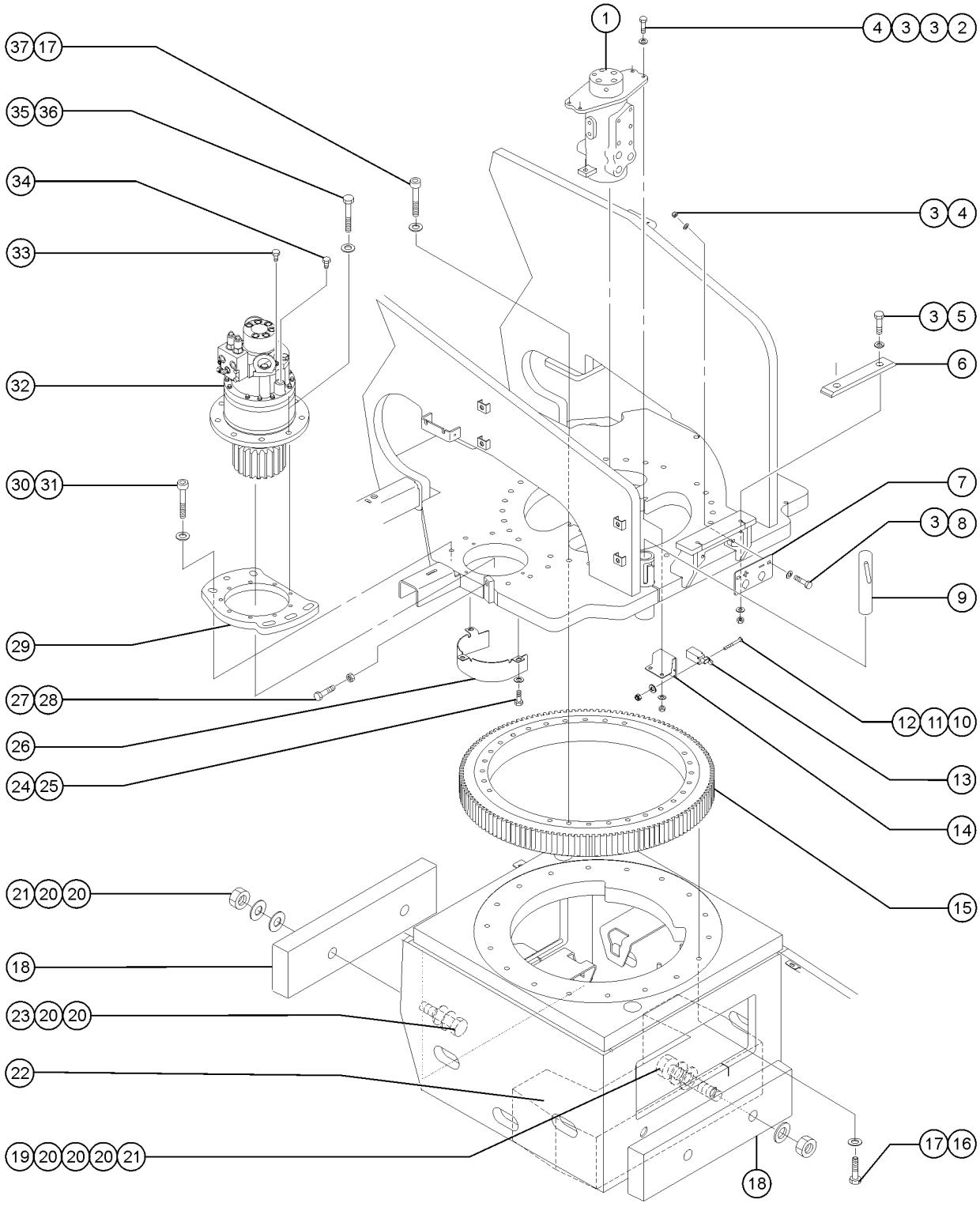
Item	Part No.	Description	Qty.
32C-	83009GT	VALVE,COUNTERBALANCE(81366)*** use with swing drive 88921; from SN 3582	
32C-	45483GT	VALVE,SHUTTLE*** use with swing drive 88921; from SN 3582	
32C-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED manifold to motor,	
32C-	6886GT	WASHER,LOCK,.313 manifold to motor	
32D		Ref. SWING DRIVE ASSEMBLY Previous SWING DRIVE ASSEMBLY 81367 is no longer available, order complete assembly 1255768 for first time replacement; to SN 3581	
32D-	53999GT	MOTOR,TURNTABLE ROTATE** use with swing drive part 81367; to SN 3581	
32D-	65618GT	SEAL KIT,BRAKE*** use with swing drive part 81367; to SN 3581	
32D-	81331GT	BRAKE,900 IN*LB use with swing drive part 81367; to SN 3581	
32D-	65616GT	SEAL KIT PWR WHL MOTOR use with swing motor 53999 on swing drive 81367; to SN 3581	
32D-	29290GT	SEAL KIT,FAIRFIELD (S1A2)*** does not include thrust washer part 21148 (used with swing drive part 81367); to SN 3581	
32D-	21148GT	WASHER,THRUST,TORQUE HUB use with swing drive part 81367; to SN 3581	
32D-	81366GT	MANIFOLD,SWING CB & BRAKE use with swing drive part 81367; to SN 3581	
32D-	83009GT	VALVE,COUNTERBALANCE(81366)*** use with swing drive part 81367; to SN 3581	
32D-	45483GT	VALVE,SHUTTLE*** use with swing drive part 81367; to SN 3581	
32D-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED manifold to motor	
32D-	6886GT	WASHER,LOCK,.313 manifold to motor	
33	39882GT	PLUG, HEX SOCKET, 090109B-4 use with swing drive 88921 (top plug)	
34	109802GT	PLUG,ORB #6 use with swing drive 88921	
35	54177GT	SCREW,HHC,1/2-13 X 1.5 GRD 8	9
36	13066GT	WASHER,FLAT,.5 HARDENED	
37	45495GT	SCREW,SHC,5/8-11 X 3.00,A574	30

304.2 Turntable Rotator and Hydraulic Rotary Coupler Installation



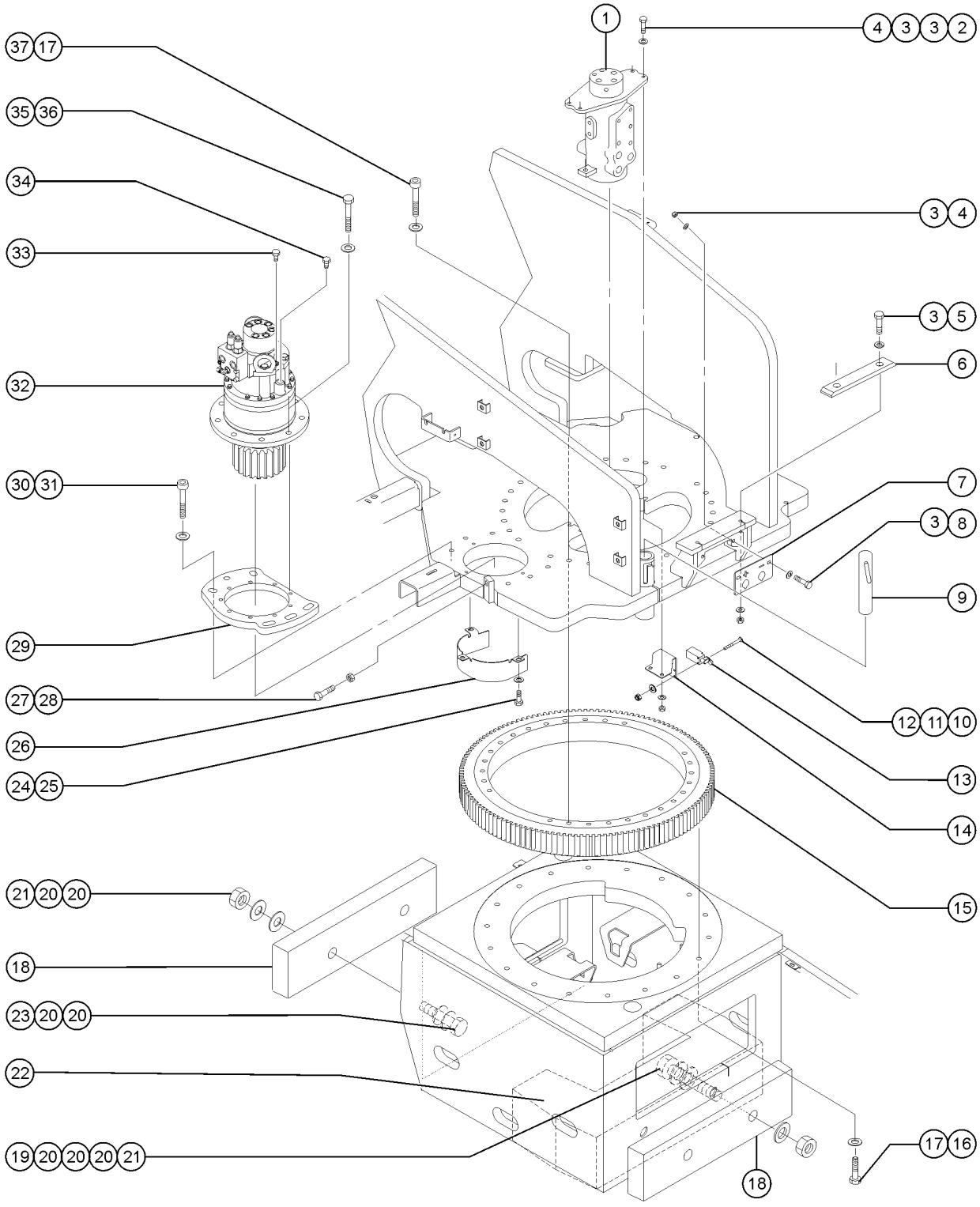
Item	Part No.	Description	Qty.
1		SWIVEL,HYDRAULIC,10 PORT (OBSOLETE) 81384 component no longer available	1
1-	77520GT	SEAL KIT,SWIVEL (81384)	
1B	1293483GT	SWIVEL,HYDRAULIC,10 PORT,LDI 81384 replacement	
2	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	35714GT	SCREW,FHS,3/8-16 X 2.25	
6	41549GT	PAD,BOOM REST	1
7	81645GT	BRACKET,WELD LEADS	1
8	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
9	81643GT	PIN,1.75 DIA X 9.00 LG.GES1362	1
9-	61223GT	PIN,TRANSPORT STORAGE HANDLE	
10	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
11	6146GT	WASHER,FLAT,MS,#10,Y	
12	6178GT	NUT, NYLOCK, 10-32	
13	88356-31163GT	SWITCH,LIMIT,W/R/R***	1
13-	97232GT	CONTACTOR-LIMIT SWITCH**	
13-	97128GT	ROLLER ARM,LIMIT SWITCH***	
13-	81454GT	HARNESS,LMT SWITCH,DRIVE ENABL	
14	81480PGT	FORMING,DRIVE ENABLE SWITCH	1
15	30895GT	BEARING,TURNTABLE	1
15-	227785GT	BEARING TURNTABLE SEAL***	
16	20654GT	SCREW,SHC,5/8-11 X 3.50,A574	18
17	13064GT	WASHER,FLAT,.625 HARDENED	48
18	35925GT	COUNTERWEIGHT CASTING S85 JIB (S-85)	2
19	22511GT	SCREW,HHC,1-8 X 15 GRD.2	
20	38859GT	WASHER,FLAT,USS,1",Y	
21	29764GT	NUT,NYLOCK,1-8	4

304.2 Turntable Rotator and Hydraulic Rotary Coupler Installation



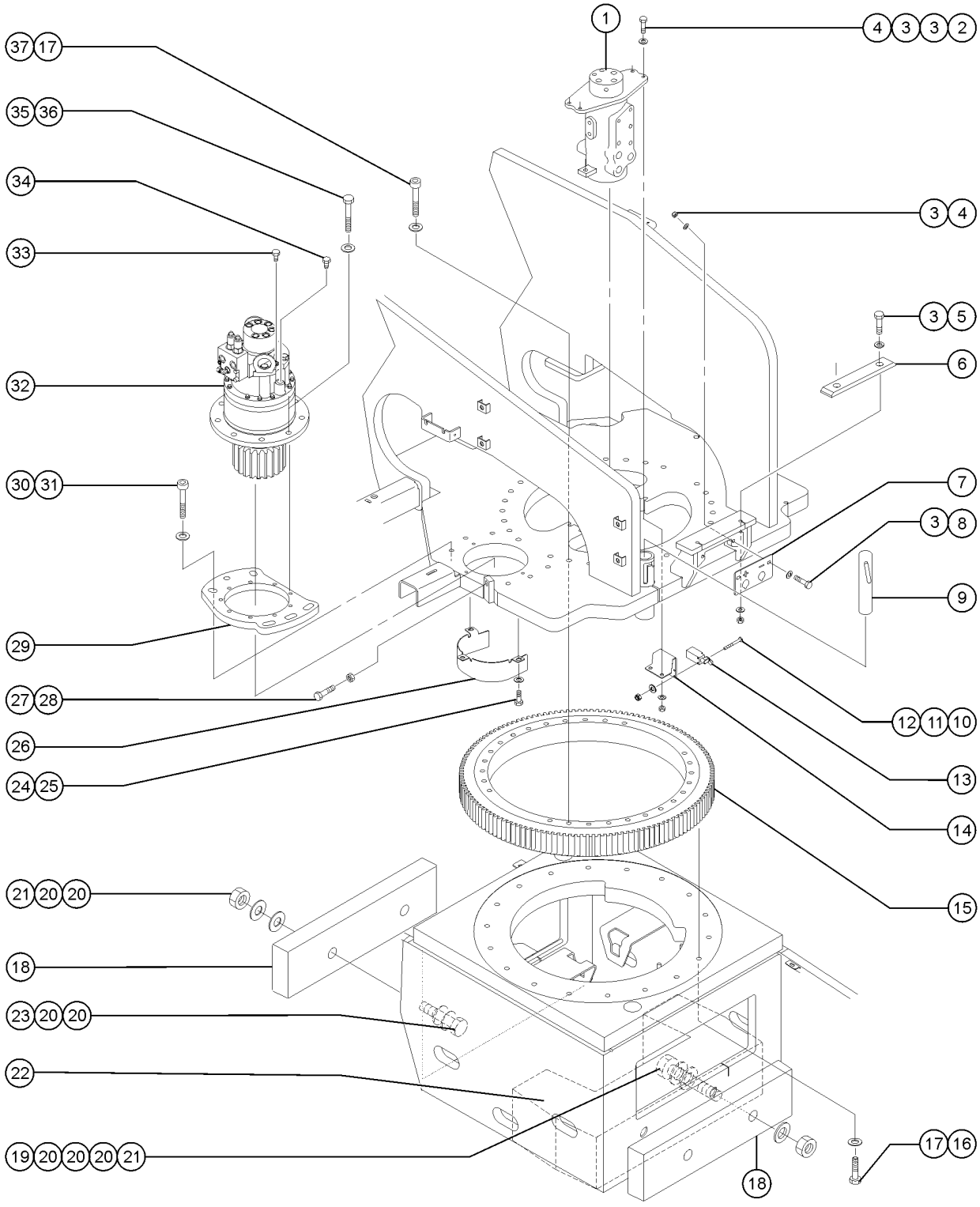
Item	Part No.	Description	Qty.
22	34767GT	CASTING,DRV.CHAS.COUNTERWEIGHT (S-85)	1
23	34079GT	SCREW,HHC,1-8 X 8.5 GRD.2	
24	10587GT	SCREW,HHC,1/2-13 X.75	
25	6033GT	WASHER,LOCK,0.5"	
26	81986PGT	COVER,ROTATION GEAR PAINTED	1
27	61128GT	SCREW,HHC,3/4-10 X 4 FULL THRD	
28	6126GT	NUT,HEX,JAM,3/4-10	
29	81516GT	PLATE,BACKLASH ADJ.MACHINED**	1
30	88212GT	SCREW,SHC,3/4-10 X 3.00,A574	6
31	33278GT	WASHER, FLAT, .75 HARDENED	
32A	1255768GT	SWING DRIVE ASSEMBLY (Complete) swing drive 1255768 can be installed as a direct replacement of previous swing drives 139189, 88921, and 81367	
32A-	1315824GT	BEARING/SEAL KIT (1255768)	
32A-	139308GT	SWING MOTOR COMPLETE*** (Used on swing drive 1255768)	
32A-	139309GT	CBV ASSEMBLY*** (Used on swing drive 1255768)	
32A-	139323GT	VALVE,COUNTERBAL,CBCA-LIN*** (Used on swing drive 1255768)	
32A-	139315GT	O-RING,MOTOR/BRAKE*** (Used on swing drive 1255768)	
32A-	58304GT	SHAFT,OUTPUT (Used on swing drive 1255768)	
32A-	1255769GT	SEAL KIT, SWING BRAKE (Used on swing drive 1255768)	
32A-	1255770GT	KIT, FRICTION DISC (Used on swing drive 1255768)	
32A-	1255771GT	KIT, BRAKE SPRING (Used on swing drive 1255768)	
32A-	1255772GT	KIT, SWING BRAKE REBUILD (Used on swing drive 1255768)	
32A-	1255773GT	BRAKE TUBING (Used on swing drive 1255768)	
32A-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED manifold to motor,	
32A-	6886GT	WASHER,LOCK,.313 manifold to motor	
32B		Ref. SWING DRIVE ASSEMBLY Previous SWING DRIVE ASSEMBLY 139189 is no longer available, order complete assembly 1255768 for first time replacement	
32B-	139308GT	SWING MOTOR COMPLETE*** (Used on swing drive 139189)	
32B-	139309GT	CBV ASSEMBLY*** (Used on swing drive 139189)	

304.2 Turntable Rotator and Hydraulic Rotary Coupler Installation



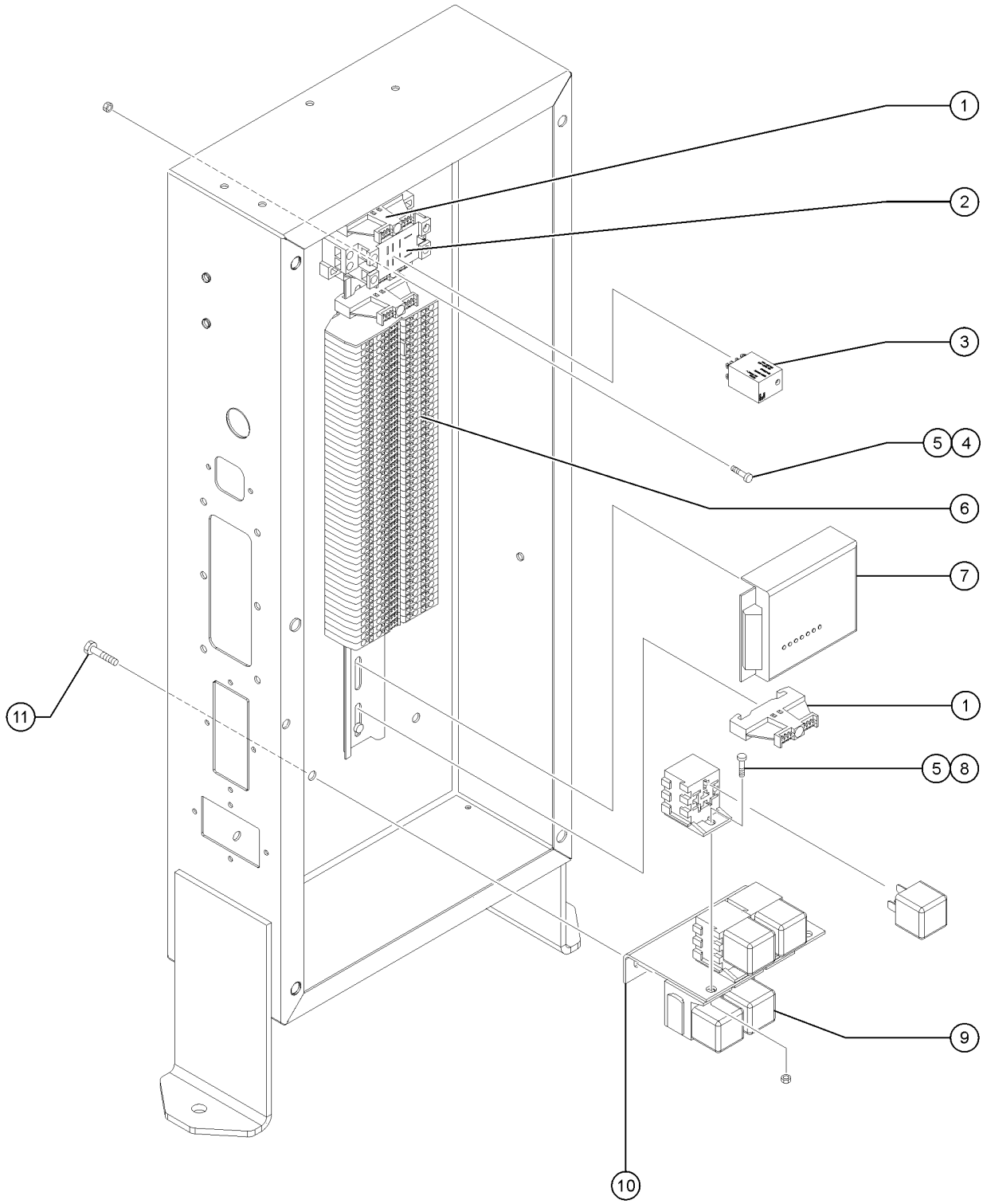
Item	Part No.	Description	Qty.
32B-	139323GT	VALVE,COUNTERBAL,CBCA-LIN*** (Used on swing drive 139189)	
32B-	139315GT	O-RING,MOTOR/BRAKE*** (Used on swing drive 139189)	
32B-	58304GT	SHAFT,OUTPUT (Used on swing drive 139189)	
32B-	139310GT	BRAKE TUBING*** (Used on swing drive 139189)	
32B-	139311GT	KIT,FRICTION DISC*** (Used on swing drive 139189)	
32B-	139312GT	KIT,BRAKE SPRING*** (Used on swing drive 139189)	
32B-	139313GT	SEAL KIT,SWING BRAKE*** (Used on swing drive 139189)	
32B-	139314GT	KIT,SWING BRAKE REBUILD*** (Used on swing drive 139189)	
32B-	94620GT	SEAL KIT,SWING TORQ HUB*** (Used on swing drive 139189)	
32B-	58596GT	BEARING KIT,OUTER (88921) (Used on swing drive 139189)	
32B-	58597GT	BEARING KIT,INNER (88921) (Used on swing drive 139189)	
32B-	83124GT	DRAIN PLUG (Used on swing drive 139189)	
32B-	21148GT	WASHER,THRUST,TORQUE HUB (Used on swing drive 139189)	
32B-	29290GT	SEAL KIT,FAIRFIELD (S1A2)*** does not include thrust washer part 21148 (used on swing drive 139189)	
32B-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED manifold to motor,	
32B-	6886GT	WASHER,LOCK,.313 manifold to motor	
32C		Ref. SWING DRIVE ASSEMBLY Previous SWING DRIVE ASSEMBLY 88921 is no longer available, order complete assembly 1255768 for first time replacement; from SN 3582	
32C-	58387GT	O-RING,MOTOR/BRAKE (88921)*** use with swing drive 88921; from SN 3582	
32C-	58596GT	BEARING KIT,OUTER (88921) use with swing drive 88921; from SN 3582	
32C-	58597GT	BEARING KIT,INNER (88921) use with swing drive 88921; from SN 3582	
32C-	94622GT	BRAKE PORT HARDLINE use with swing drive 88921; from SN 3582	
32C-	94623GT	KIT,FRICTION DISC use with swing drive 88921; from SN 3582	
32C-	94624GT	KIT,BRAKE SPRING use with swing drive 88921; from SN 3582	
32C-	94625GT	SEAL KIT,SWING BRAKE use with swing drive 88921; from SN 3582	
32C-	94626GT	KIT,SWING BRAKE REBUILD use with swing drive 88921; from SN 3582	
32C-	94621GT	SWING MOTOR,COMPLETE*** use with swing drive 88921; from SN 3582	
32C-	65616GT	SEAL KIT PWR WHL MOTOR use with swing motor 94621 on swing drive 88921; from SN 3582	
32C-	29290GT	SEAL KIT,FAIRFIELD (S1A2)*** does not include thrust washer part 21148 (used with swing drive 88921); from SN 3582	

304.2 Turntable Rotator and Hydraulic Rotary Coupler Installation



Item	Part No.	Description	Qty.
32C-	21148GT	WASHER,THRUST,TORQUE HUB use with swing drive 88921; from SN 3582	
32C-	81366GT	MANIFOLD,SWING CB & BRAKE use with swing drive 88921; from SN 3582	
32C-	83009GT	VALVE,COUNTERBALANCE(81366)*** use with swing drive 88921; from SN 3582	
32C-	45483GT	VALVE,SHUTTLE*** use with swing drive 88921; from SN 3582	
32C-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED manifold to motor,	
32C-	6886GT	WASHER,LOCK,.313 manifold to motor	
32D		Ref. SWING DRIVE ASSEMBLY Previous SWING DRIVE ASSEMBLY 81367 is no longer available, order complete assembly 1255768 for first time replacement; to SN 3581	
32D-	53999GT	MOTOR,TURNTABLE ROTATE** use with swing drive part 81367; to SN 3581	
32D-	65618GT	SEAL KIT,BRAKE*** use with swing drive part 81367; to SN 3581	
32D-	81331GT	BRAKE,900 IN*LB use with swing drive part 81367; to SN 3581	
32D-	65616GT	SEAL KIT PWR WHL MOTOR use with swing motor 53999 on swing drive 81367; to SN 3581	
32D-	29290GT	SEAL KIT,FAIRFIELD (S1A2)*** does not include thrust washer part 21148 (used with swing drive part 81367); to SN 3581	
32D-	21148GT	WASHER,THRUST,TORQUE HUB use with swing drive part 81367; to SN 3581	
32D-	81366GT	MANIFOLD,SWING CB & BRAKE use with swing drive part 81367; to SN 3581	
32D-	83009GT	VALVE,COUNTERBALANCE(81366)*** use with swing drive part 81367; to SN 3581	
32D-	45483GT	VALVE,SHUTTLE*** use with swing drive part 81367; to SN 3581	
32D-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED manifold to motor	
32D-	6886GT	WASHER,LOCK,.313 manifold to motor	
33	39882GT	PLUG, HEX SOCKET, 090109B-4 use with swing drive 88921 (top plug)	
34	109802GT	PLUG,ORB #6 use with swing drive 88921	
35	54177GT	SCREW,HHC,1/2-13 X 1.5 GRD 8	9
36	13066GT	WASHER,FLAT,.5 HARDENED	
37	45495GT	SCREW,SHC,5/8-11 X 3.00,A574	30

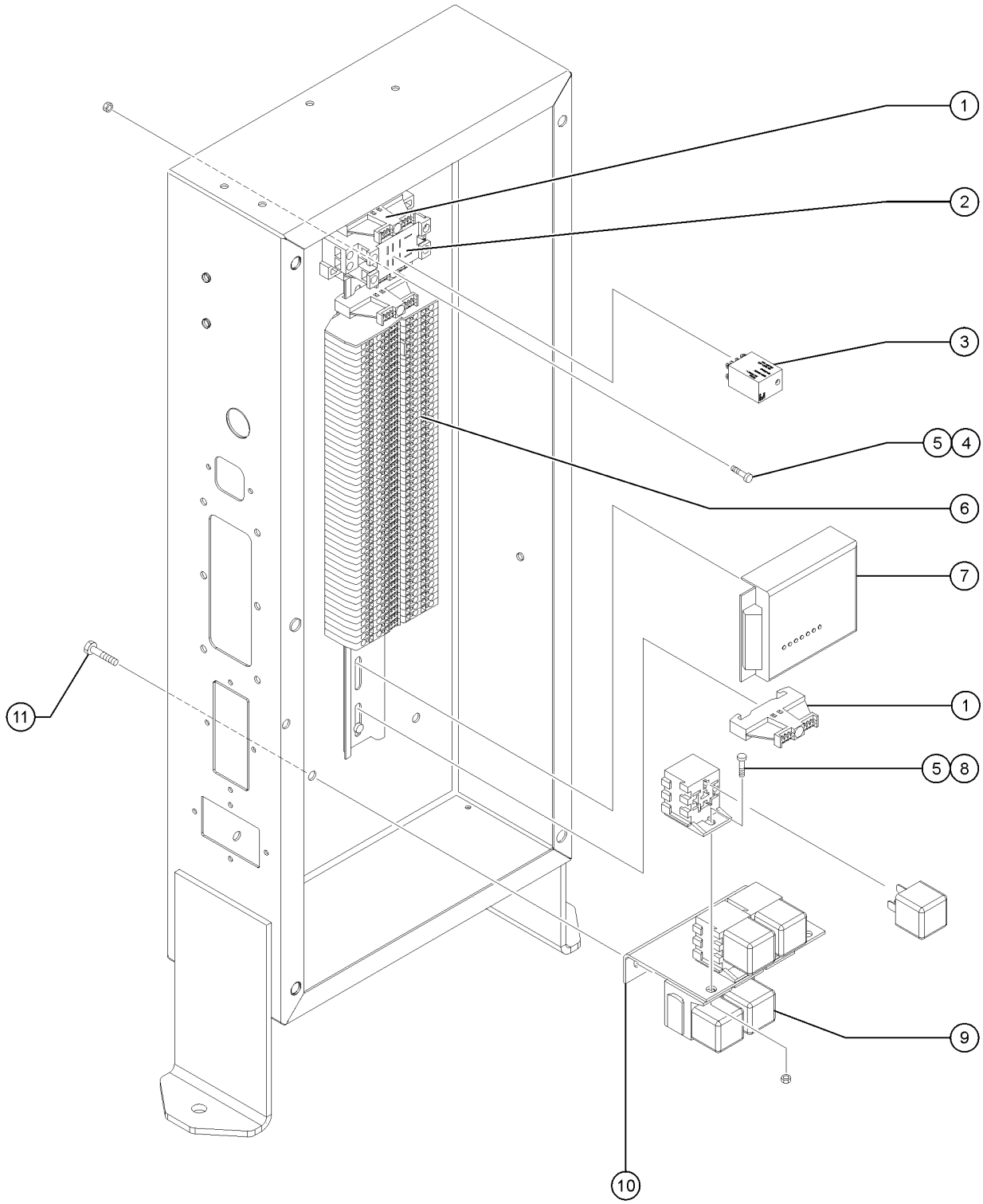
305.1 Ground Controls - View 1



305.1 Ground Controls - View 1

Item	Part No.	Description	Qty.
	40614GT	RESISTOR,5 OHM,25W***	
	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	
	106637GT	MODULE,TIME DELAY ON BREAK 4S welder option	
1	74913GT	END STOP, DIN RAIL,SCREW CLAMP	
2	33608GT	RELAY,SOCKET,OMRON welder option	
3	33607GT	RELAY,OMRON,DPDT,12V welder option	
4	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
5	6178GT	NUT, NYLOCK, 10-32	
6	81899GT	TERMINAL RAIL,GBOX S80/85 includes item 1; to SN 3576	1
6-	94450GT	TERMINAL RAIL,GBOX S80/85 includes item 1; from SN 3577	
6-	216791GT	TERMINAL BLOCK,WIELAND	
6-	33422GT	DIN RAIL,17"	
6-	216793GT	TERMINAL BLOCK END PLATE	
6-	74920GT	MARKING TAGS,# 1-10,WIELAND	
6-	74921GT	MARKING TAGS,# 11-20,WIELAND	
6-	74922GT	MARKING TAGS,# 21-30,WIELAND	
6-	74923GT	MARKING TAGS,# 31-40,WIELAND	
6-	74924GT	MARKING TAGS,# 41-50,WIELAND**	
6-	94538GT	Number Marking Tags, 131-140 from SN 3577	
7	56057GT	MODULE,IGNITION/START,12/24V	1
8	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
9	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** GM models; to SN 3832	5
9-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Deutz models; to SN 3772	7
9-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Perkins models; to SN 3737	8
9-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** all models; from SN 3833	9
9-	34053GT	ASSY,RELAY SOCKET, AUTO	
9-	34054GT	TERM,RELAY N-INSULATED 10-12 G	
9-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	

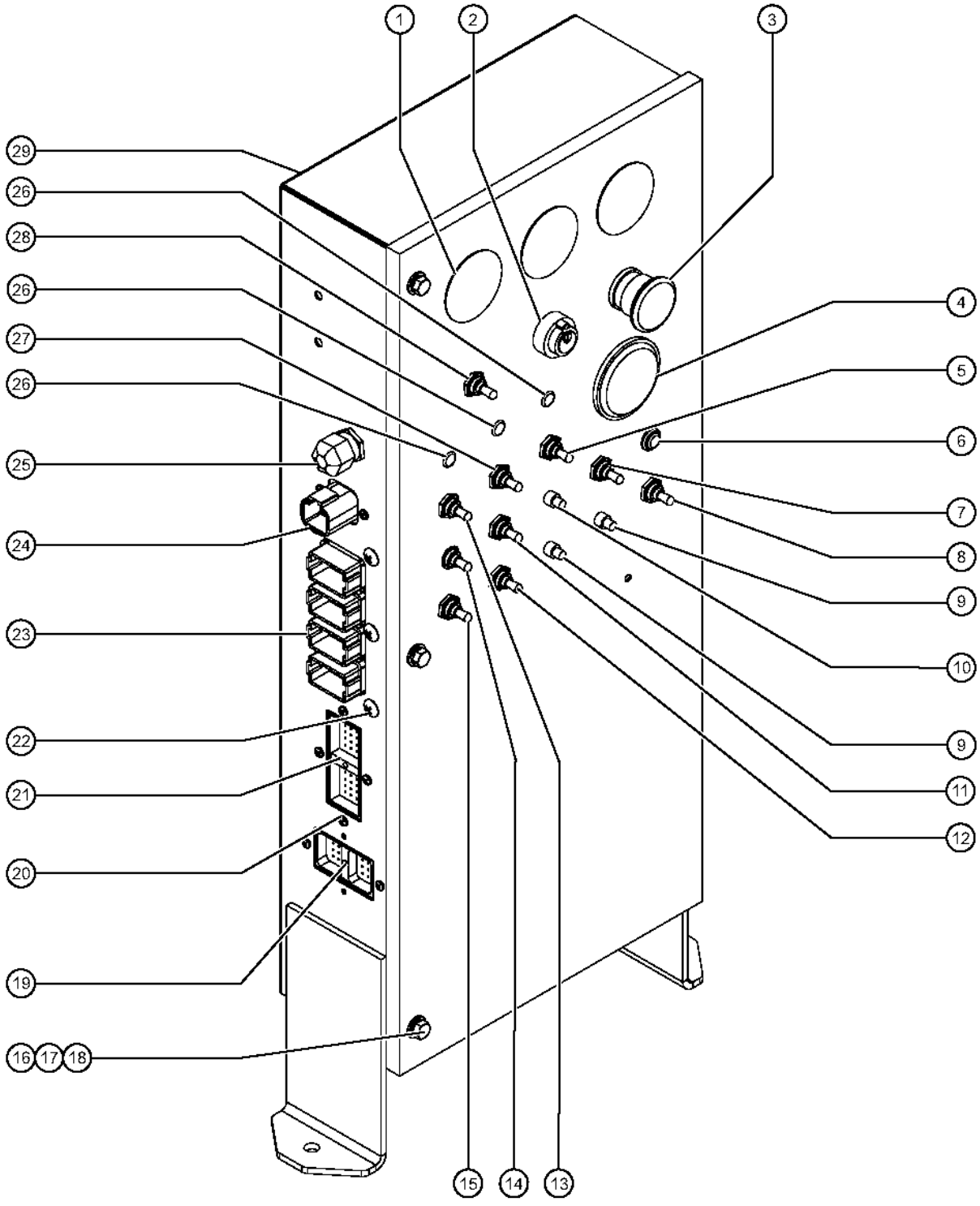
305.1 Ground Controls - View 1



305.1 Ground Controls - View 1

Item	*Part No.*	*Description*	*Qty.*
9-	34056GT	TERM,RELAY,N-INSULATE 18-20 GA	
10	54534GT	ANGLE,RELAY MNT,W/NUTSERTS,PNT	1
10-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
11	6090GT	SCREW, HHC, 1/4-20 X .75	

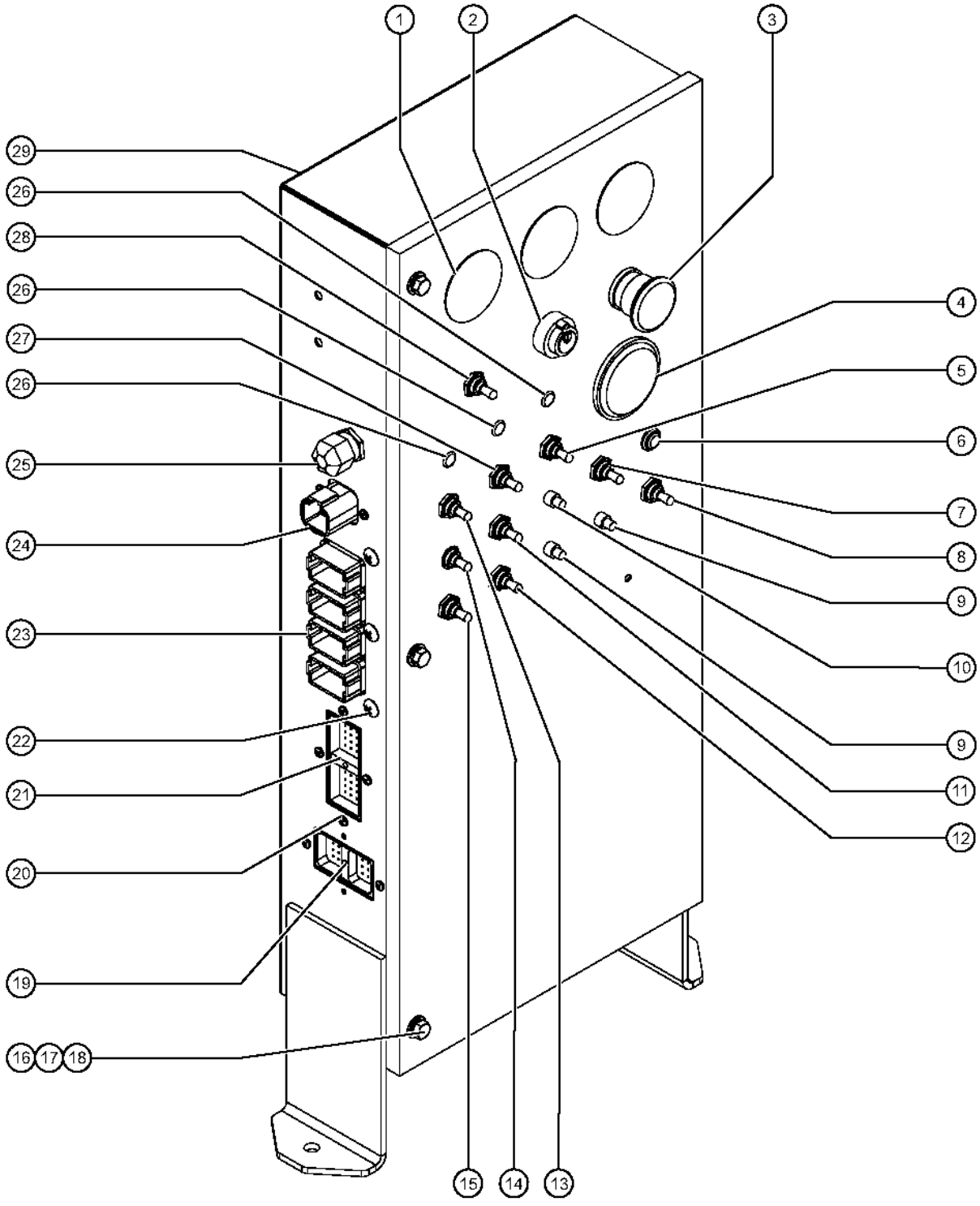
306.1 Ground Controls - View 2



306.1 Ground Controls - View 2

Item	Part No.	Description	Qty.
	81450GT	HARNESS,18/19,BOOM CABLE 1,NJ (S80 only), connects to item 23	
	81452GT	HARNESS,18/19,BOOM CABLE 2 NJ (S80 only), connects to item 23	
	81560GT	HARNESS,GBOX,FUNCTION MANIFOLD	
	122208GT	HARNESS,BOOM ANG/RET LIMIT,S80	
	81879GT	HARNESS,#12AWG GND GBOT TO APU	
	81533GT	HARNESS,GROUND BOX WIRING to SN 3576	
	94680GT	HARNESS,GROUND BOX WIRING from SN 3577	
	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
1	81900GT	PLUG,NYLON 2.093 BLACK DOMED	3
2	96008-SGT	KEYSWITCH,3 POS. W/KEYS*** includes 1 pair of keys	1
2-	19268GT	DIODE ASSEMBLY	
2-	83093GT	KEY SINGLE***	
2-	37947GT	KEYS,10 PACK***	
3	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
3-	73805GT	BASE,W/2 NC CONTACTS*** includes N.C. contacts	
3-	66818GT	CONTACT,NC	
3-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
4	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
5	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Ford models	1
5-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME diesel models	
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Deutz models	1
6-	824879GT	LIGHT,LED IND. RED 12V NH Perkins models, (Complete LED light assembly)	
6-	96009GT	WASHER,NITRILE	
6-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Ford models	
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
8	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1

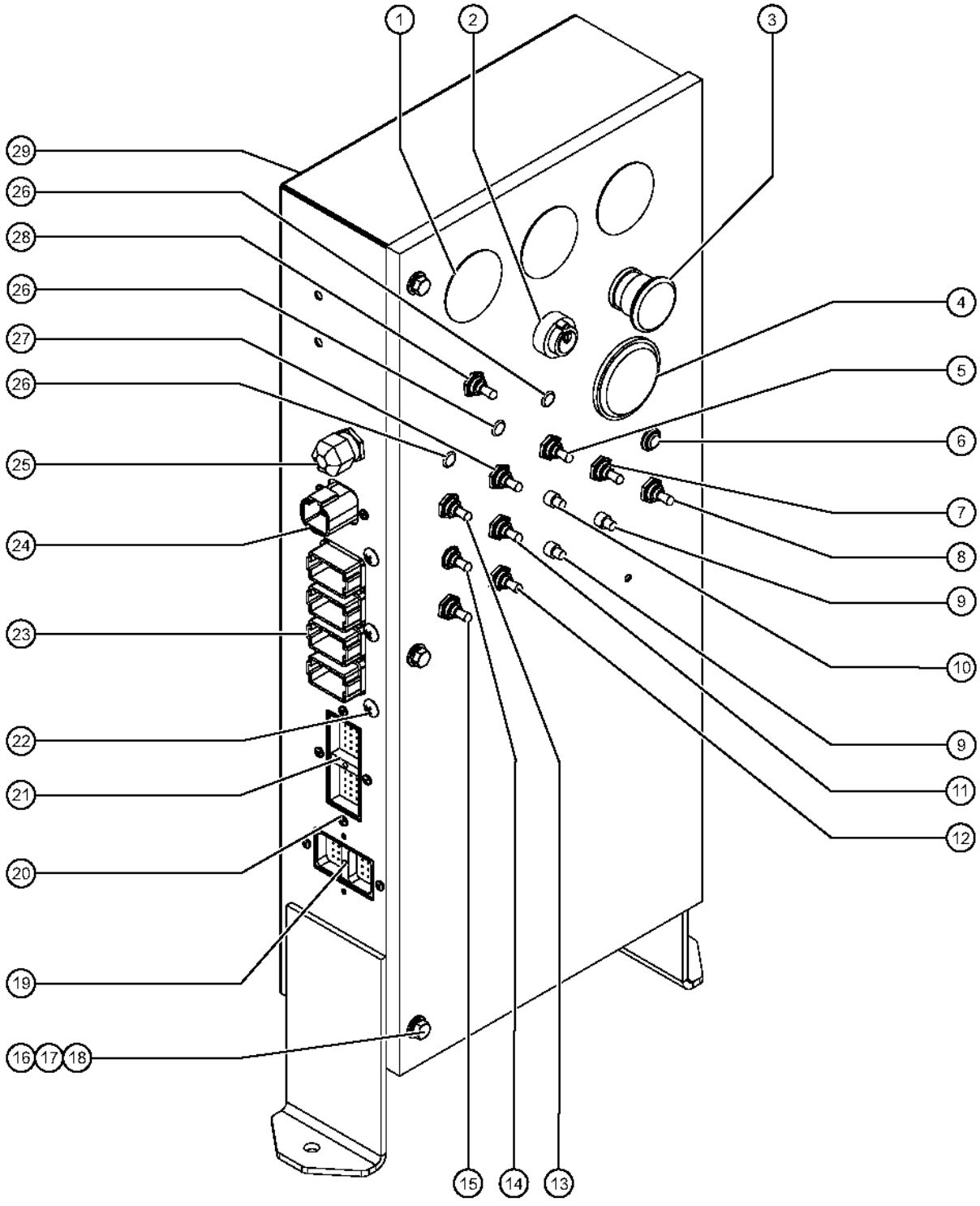
306.1 Ground Controls - View 2



306.1 Ground Controls - View 2

Item	Part No.	Description	Qty.
9	147094GT	ASSY, CIRCUIT BREAKER 15A	1
10	147095GT	ASSY, CIRCUIT BREAKER 20A	1
11	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
13	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
14	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
15	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
16	6090GT	SCREW, HHC, 1/4-20 X .75	
17	6356GT	WASHER,LOCK,.25	
18	6638GT	WASHER, FLAT, USS, 1/4"Y	
19	73753GT	CONN,RECEP 24 WAY,W/FLANGE	1
20	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
20-	12344GT	NUT,NYLOCK,6-32	
21	73754GT	CONN,RECEP 40 WAY,W/FLANGE	1
22	73803GT	SCREW,SHM,PHP, #12 X .75	
23	73736GT	CONN,RECEP 48 WAY,4 X 12	1
24	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
24-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
24-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
25	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
25-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
26	824879GT	LIGHT,LED IND. RED 12V NH	3
26-			
27	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
28	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	1
29	62271GT	CONTROL BOX W DECAL,GRND to SN 3576	1
29-	102678GT	CONTROL BOX W DECAL,GRND from SN 3577	
29-	121599GT	GASKET,GBOX,S80/85 2008	

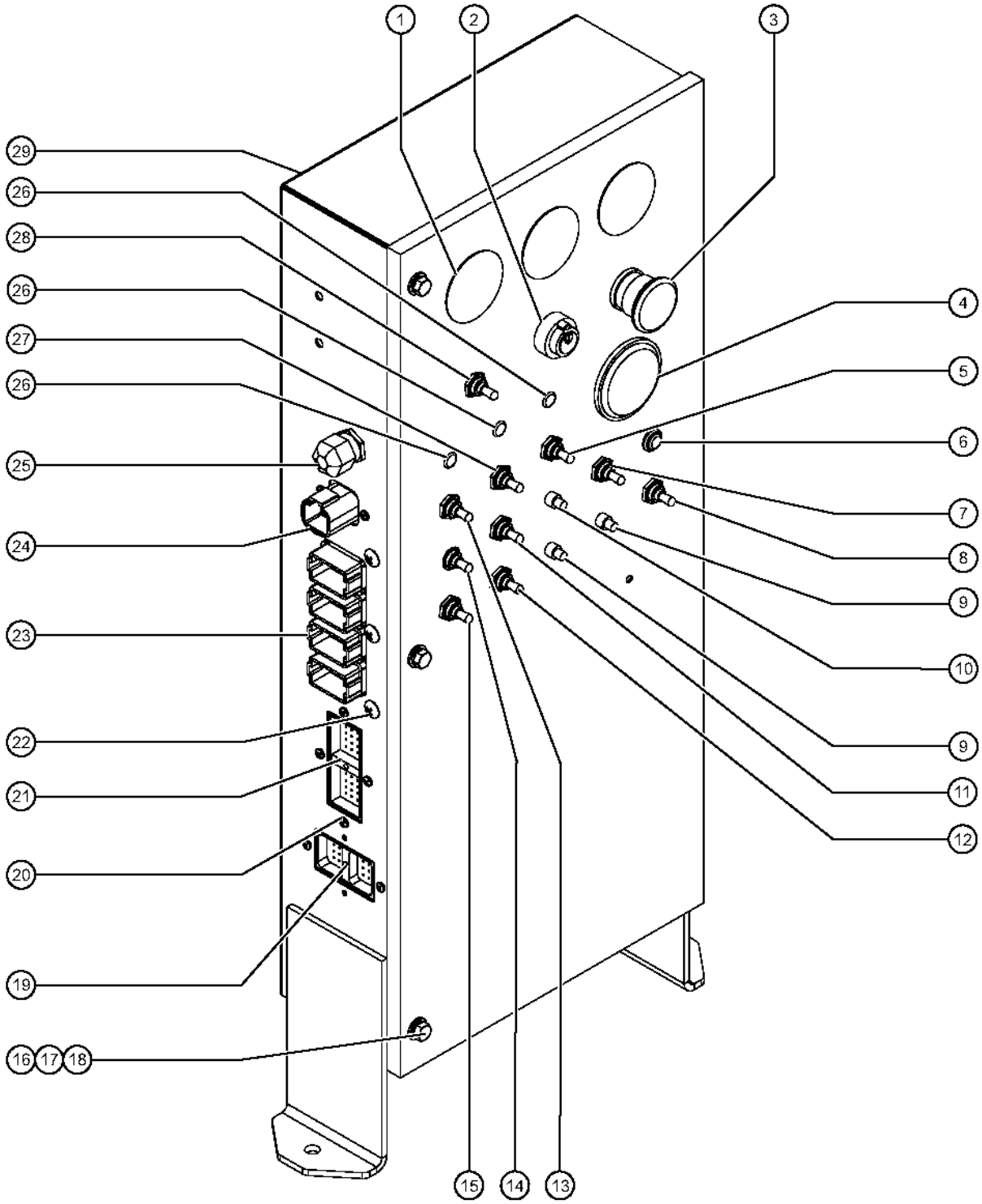
306.1 Ground Controls - View 2



306.1 Ground Controls - View 2

Item	*Part No.*	*Description*	*Qty.*
29-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
29-	30997GT	CORROSION INHIBITOR,FOAM	
29-	53820GT	BRACKET, PANEL WIRE MOUNTING	

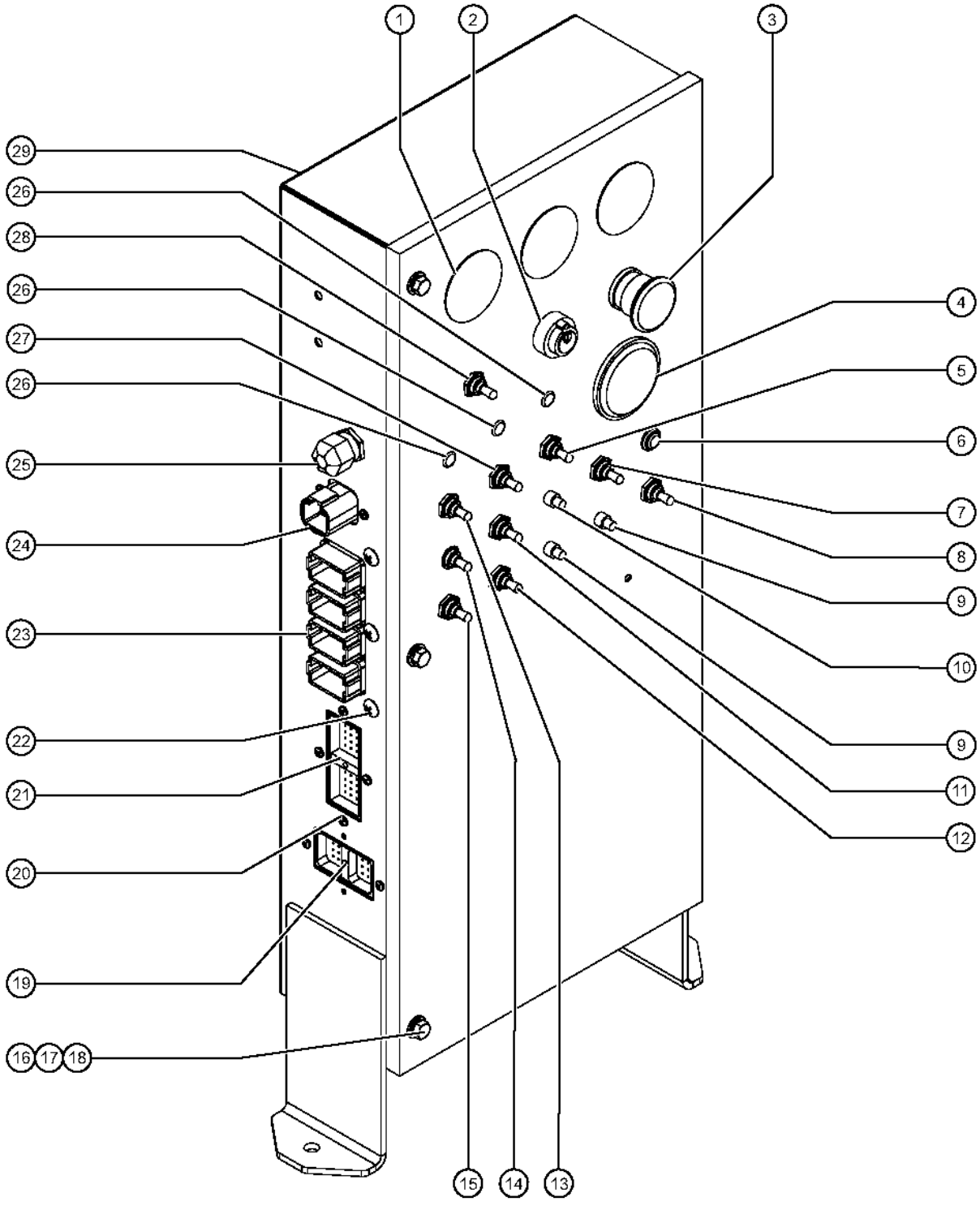
306.2 Ground Controls - View 2



306.2 Ground Controls - View 2

Item	Part No.	Description	Qty.
	81451GT	HARNESS,18/19,CBL 1,S85 GR/BRN (S85 only), connects to item 23	
	81453GT	HARNESS,18/19,CBL 2,S85 GRY/BK (S85 only), connects to item 23	
	81560GT	HARNESS,GBOX,FUNCTION MANIFOLD	
	122208GT	HARNESS,BOOM ANG/RET LIMIT,S80	
	81879GT	HARNESS,#12AWG GND GBOT TO APU	
	81533GT	HARNESS,GROUND BOX WIRING to SN 3576	
	94680GT	HARNESS,GROUND BOX WIRING from SN 3577	
	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
1	81900GT	PLUG,NYLON 2.093 BLACK DOMED	3
2	96008-SGT	KEYSWITCH,3 POS. W/KEYS*** includes 1 pair of keys	1
2-	19268GT	DIODE ASSEMBLY	
2-	96009GT	WASHER,NITRILE	
2-	83093GT	KEY SINGLE***	
2-	37947GT	KEYS,10 PACK***	
3	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
3-	73805GT	BASE,W/2 NC CONTACTS*** includes N.C. contacts	
3-	66818GT	CONTACT,NC	
3-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
4	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
5	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Ford models	1
5-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME diesel models	
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Deutz models	1
6-	824879GT	LIGHT,LED IND. RED 12V NH Perkins models, (Complete LED light assembly)	
6-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Ford models	
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
8	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
9	147094GT	ASSY, CIRCUIT BREAKER 15A	1

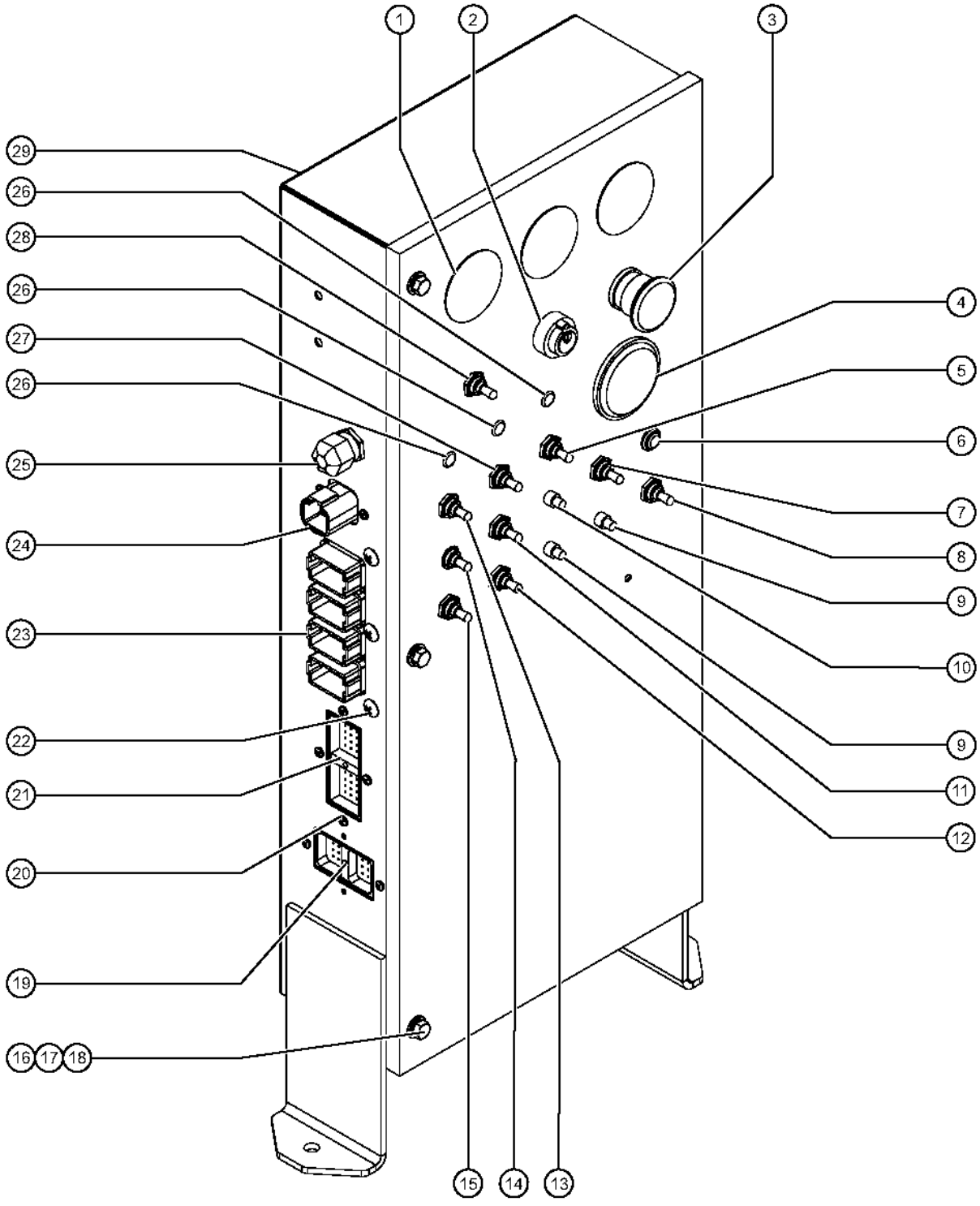
306.2 Ground Controls - View 2



306.2 Ground Controls - View 2

Item	Part No.	Description	Qty.
10	147095GT	ASSY, CIRCUIT BREAKER 20A	1
11	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
13	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
14	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
15	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
16	6090GT	SCREW, HHC, 1/4-20 X .75	
17	6356GT	WASHER,LOCK,.25	
18	6638GT	WASHER, FLAT, USS, 1/4"Y	
19	73753GT	CONN,RECEP 24 WAY,W/FLANGE	1
20	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
20-	12344GT	NUT,NYLOCK,6-32	
21	73754GT	CONN,RECEP 40 WAY,W/FLANGE	1
22	73803GT	SCREW,SHM,PHP, #12 X .75	
23	73736GT	CONN,RECEP 48 WAY,4 X 12	1
24	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
24-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
24-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
25	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
25-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
26	824879GT	LIGHT,LED IND. RED 12V NH	3
26-			
27	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
28	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	1
29	62271GT	CONTROL BOX W DECAL,GRND to SN 3576	1
29-	102678GT	CONTROL BOX W DECAL,GRND from SN 3577	
29-	121599GT	GASKET,GBOX,S80/85 2008	
29-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	

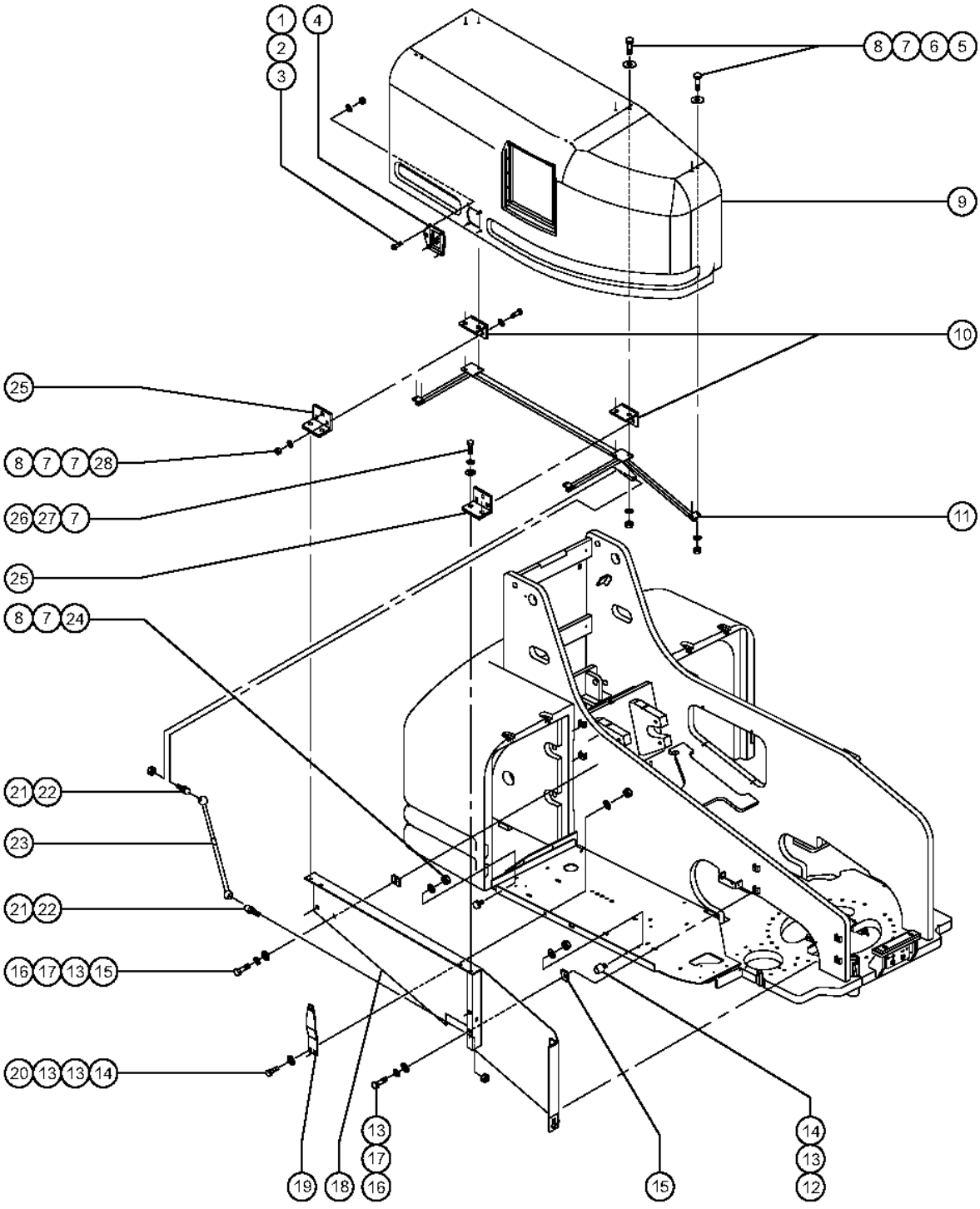
306.2 Ground Controls - View 2



306.2 Ground Controls - View 2

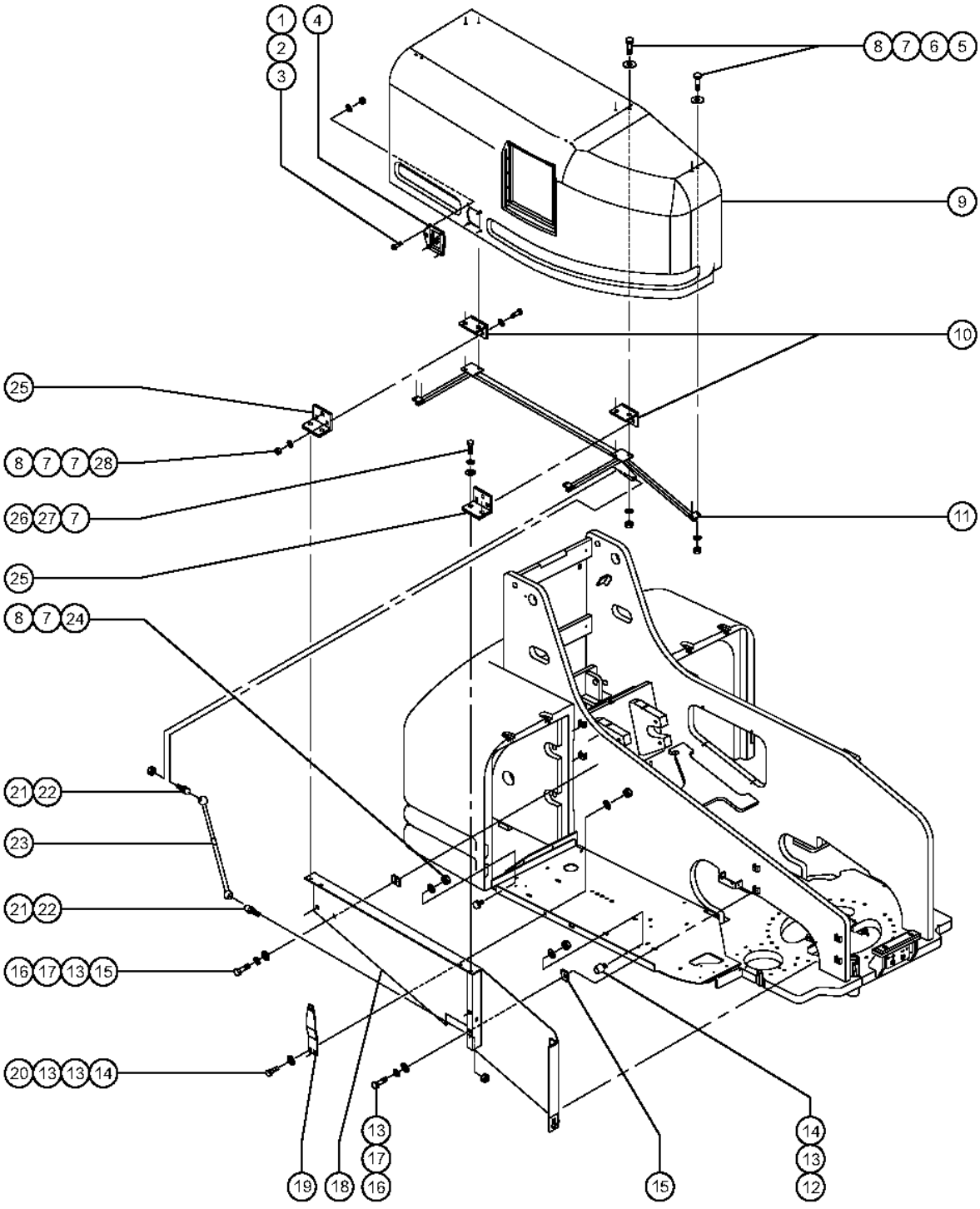
Item	*Part No.*	*Description*	*Qty.*
29-	30997GT	CORROSION INHIBITOR,FOAM	
29-	53820GT	BRACKET, PANEL WIRE MOUNTING	

307.1 Turntable Covers - Tank Side



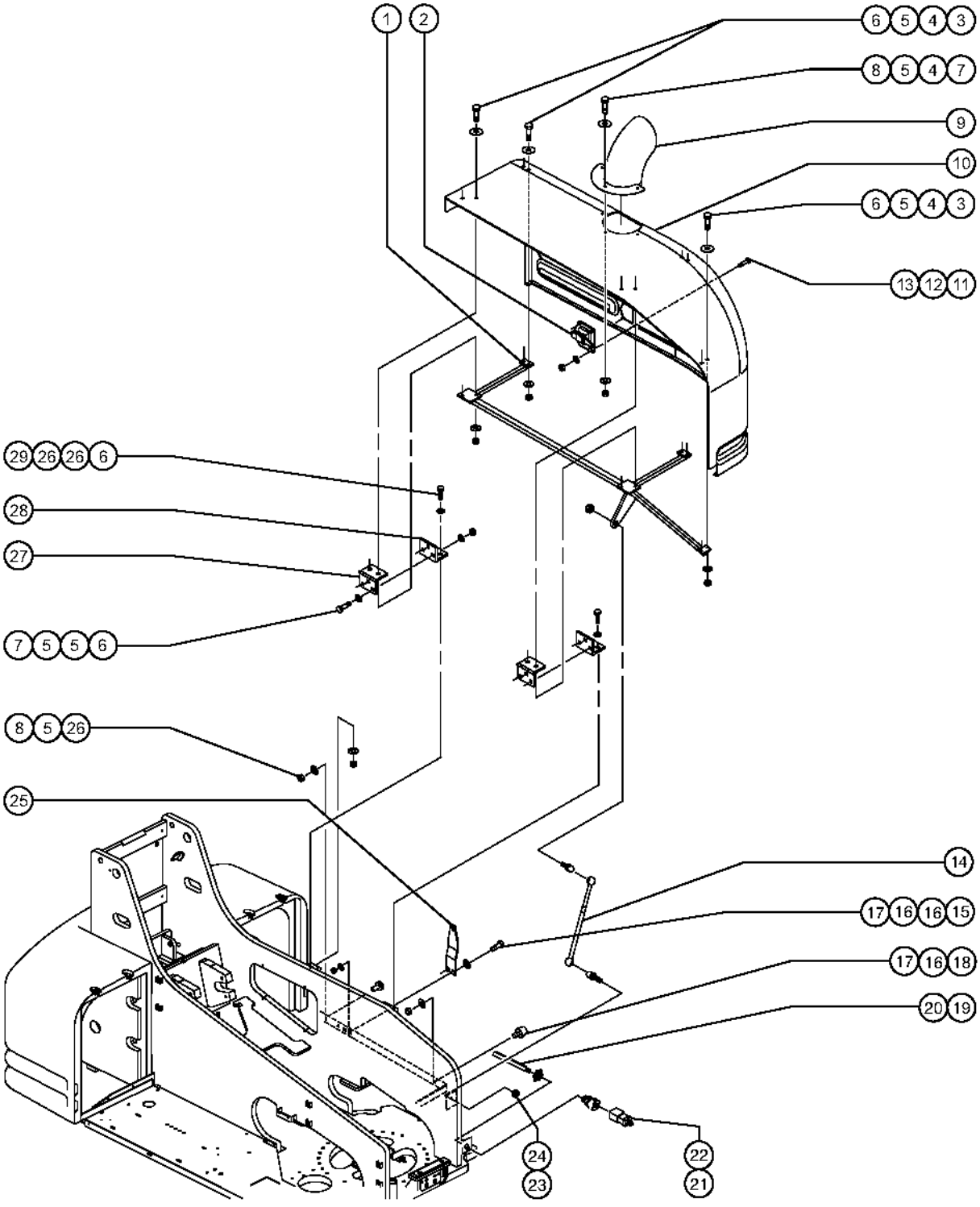
Item	Part No.	Description	Qty.
1	6178GT	NUT, NYLOCK, 10-32	
2	6146GT	WASHER,FLAT,MS,#10,Y	
3	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
4	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS*	1
4-	29314GT	KEY,LATCH, 1 PAIR (28125)	
5	8915GT	SCREW, HHC, 1/4-20 X 1.25	
6	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	6091GT	NUT,NYLOCK,1/4-20	
9	102455GT	TURNTBL CVR ASSY W/WORD DECALS includes items 1-4; to SN 3576	1
9A-	102456GT	TURNTBL COVER ASSY W/WORD DECA includes items 1-4; from SN 3577 to SN 4666	
9B-	111354GT	S80/85 LH COVER ASSY W/WRD DEC includes items 1-4; from SN 4667 to SN 4684	
9C-	102456GT	TURNTBL COVER ASSY W/WORD DECA includes items 1-4; from SN 4685 to SN 4702	
9D-	111354GT	S80/85 LH COVER ASSY W/WRD DEC includes items 1-4; from SN 4703	
9E-	102457GT	TURNTBL COVER ASSY W/SYM DECAL includes items 1-4	
10	75073GT	HINGE,.375X.120THK.,SLOTTED	2
11	49532-SGT	COVER,SUPPORT WELDMENT,LH	1
12	30973GT	BUMPER,RUBBER-1 X 1.25	1
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14	6782GT	NUT, NYLOCK, 5/16-18	
15	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	6
16	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
17	6021GT	WASHER, LOCK, .375	
18	30743-SGT	COVER SUPPORT WELDMENT LH.	1
19	49535PGT	PLATE,LATCH,BLUE,PAINTED ***	1
20	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
21	33555GT	BALL STUD**	2
22	6002GT	NUT, LP NYLOCK, 5/16-18	

307.1 Turntable Covers - Tank Side



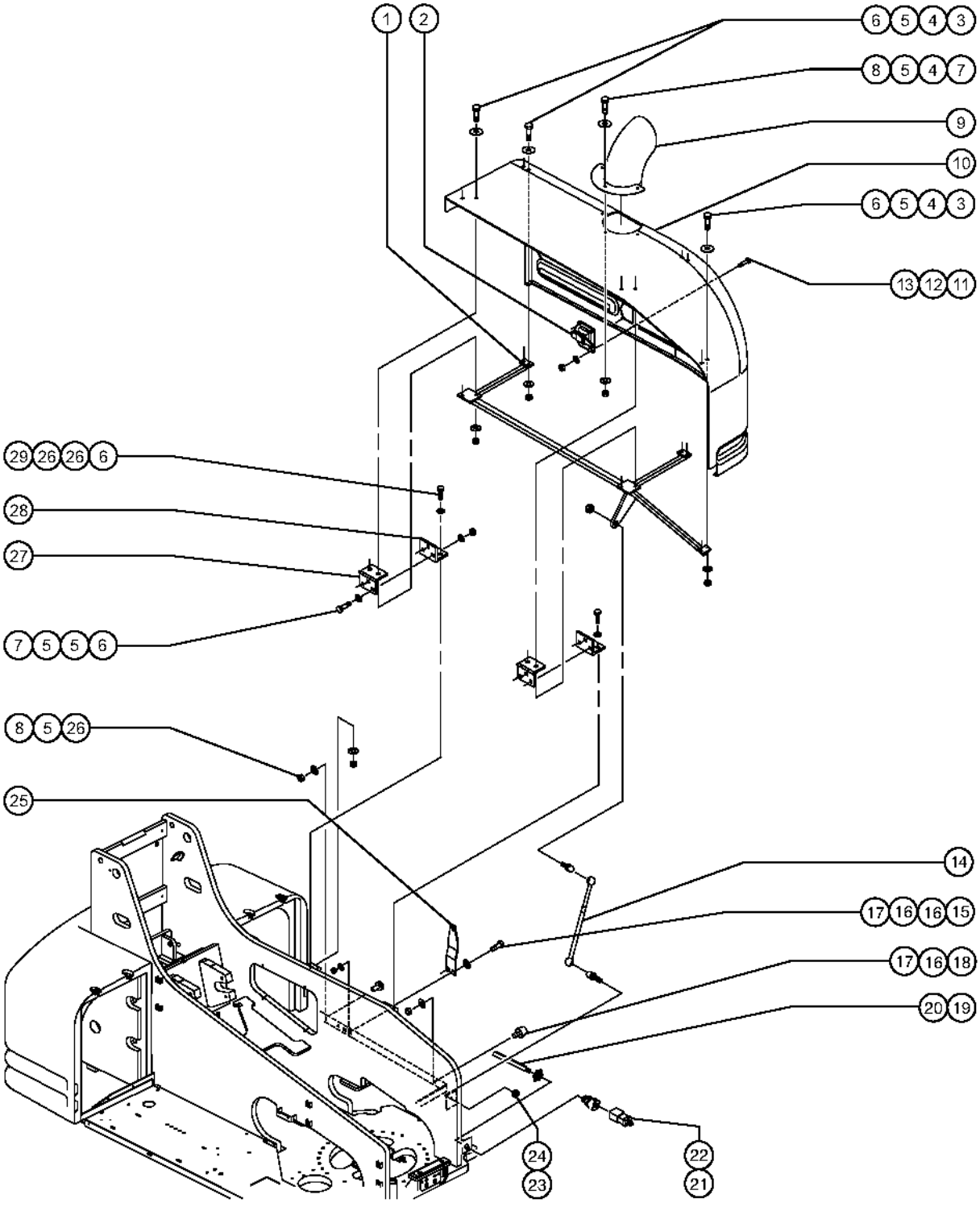
Item	*Part No.*	*Description*	*Qty.*
23	28301GT	GAS STRUT,250 LBS FORCE***	1
23-	27377GT	RETAINER,GAS SPRING***	
24	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	1
25	74496PGT	FORMING,HINGE SUPPORT PAINTED	2
26	6090GT	SCREW, HHC, 1/4-20 X .75	
27	6356GT	WASHER,LOCK,.25	
28	6888GT	SCREW, HHC, 1/4-20 X 1	

308.1 Turntable Covers - Engine Side



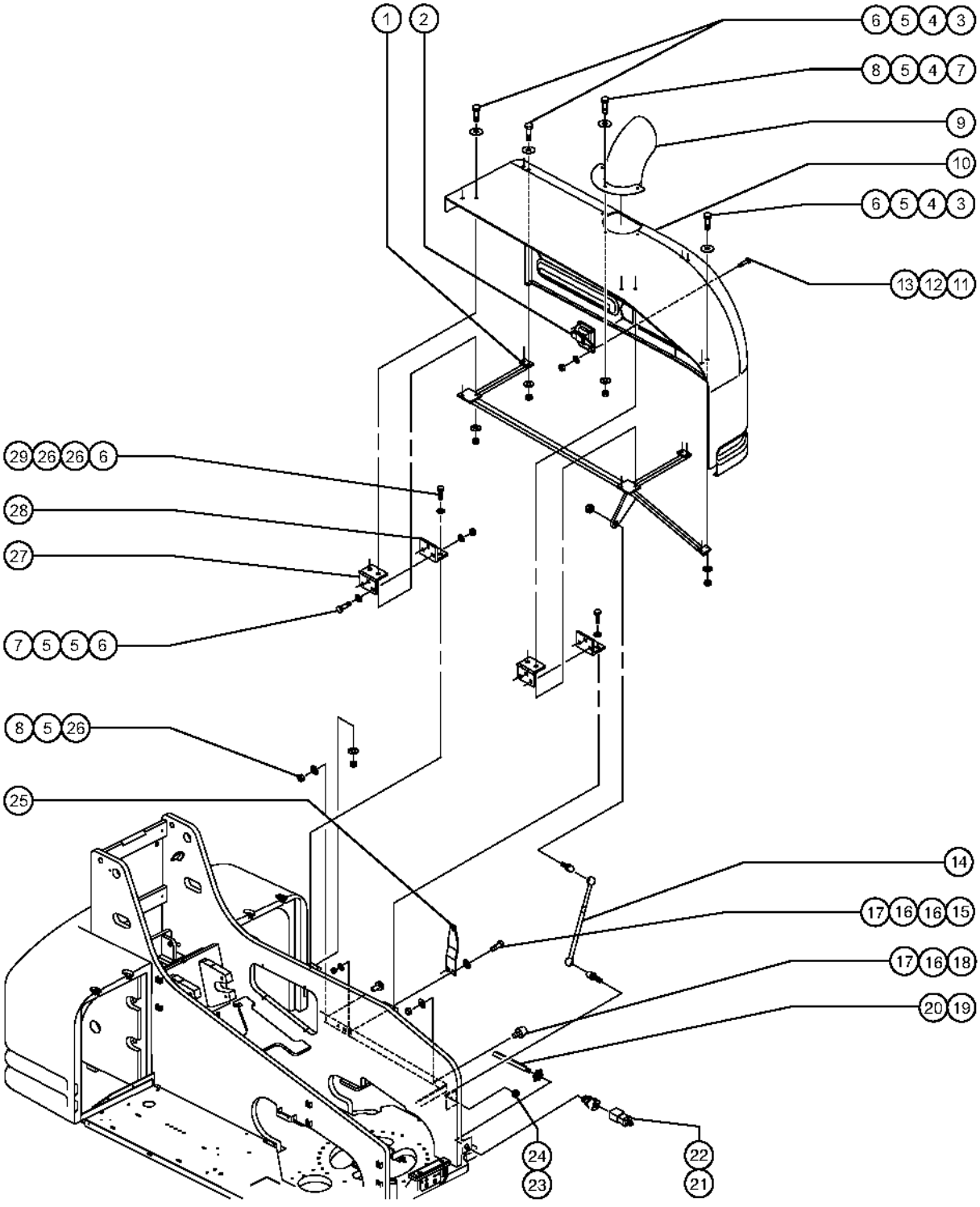
Item	Part No.	Description	Qty.
1	102740GT	WELDMENT,TT COVER SUPPORT,RH	1
2	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS*	2
2-	29314GT	KEY,LATCH, 1 PAIR (28125)	
3	8915GT	SCREW, HHC, 1/4-20 X 1.25	
4	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
5	6638GT	WASHER, FLAT, USS, 1/4"Y	
6	6091GT	NUT,NYLOCK,1/4-20	
7	6888GT	SCREW, HHC, 1/4-20 X 1	
8	6091GT	NUT,NYLOCK,1/4-20	
9	101964GT	WELDMENT,EXHAUST TUBE	1
10	102458GT	TURNTBL COVER ASSY W/WRD DECAL includes items 2 and 11-13	1
10-	102939GT	TURNTBL COVER ASSY W/SYM DECAL includes items 2 and 11-13	
11	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
12	6146GT	WASHER,FLAT,MS,#10,Y	
13	6178GT	NUT, NYLOCK, 10-32	
14	28301GT	GAS STRUT,250 LBS FORCE***	1
14-	27377GT	RETAINER,GAS SPRING***	
15	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
16	5397GT	WASHER, FLAT, USS, 5/16-18	
17	6782GT	NUT, NYLOCK, 5/16-18	
18	30973GT	BUMPER,RUBBER-1 X 1.25	1
19	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL	1260 inches
20	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
21	6595GT	PLUG,ELECTRICAL,DOMESTIC	1
21-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
21-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
21-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	

308.1 Turntable Covers - Engine Side



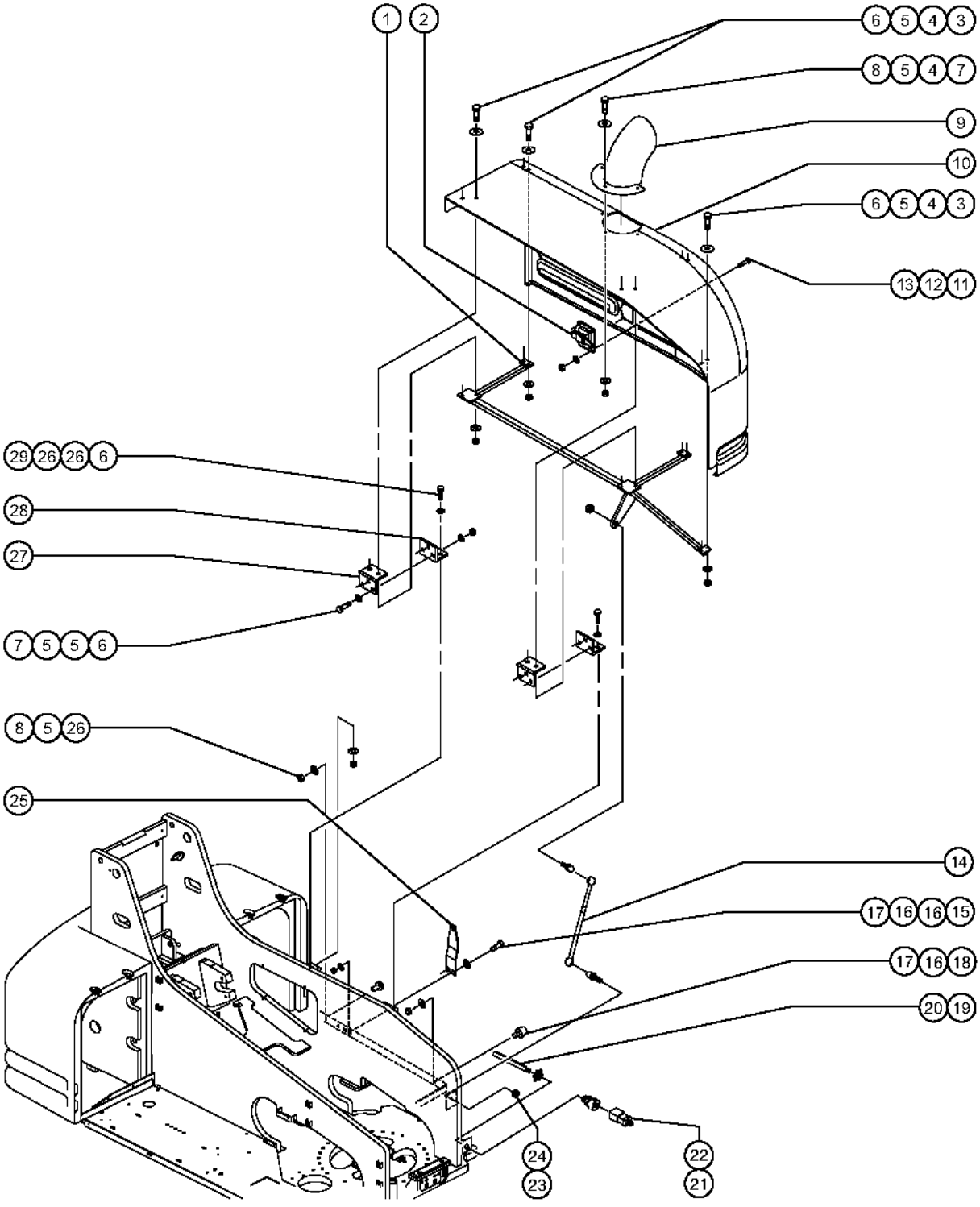
Item	*Part No.*	*Description*	*Qty.*
21-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
21-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	
22	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
23	6002GT	NUT, LP NYLOCK, 5/16-18	
24	33555GT	BALL STUD**	2
25	49535PGT	PLATE,LATCH,BLUE,PAINTED ***	1
26	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	1
27	75073GT	HINGE,.375X.120THK.,SLOTTED	2
28	74496PGT	FORMING,HINGE SUPPORT PAINTED	2
29	6090GT	SCREW, HHC, 1/4-20 X .75	

308.2 Turntable Covers - Engine Side



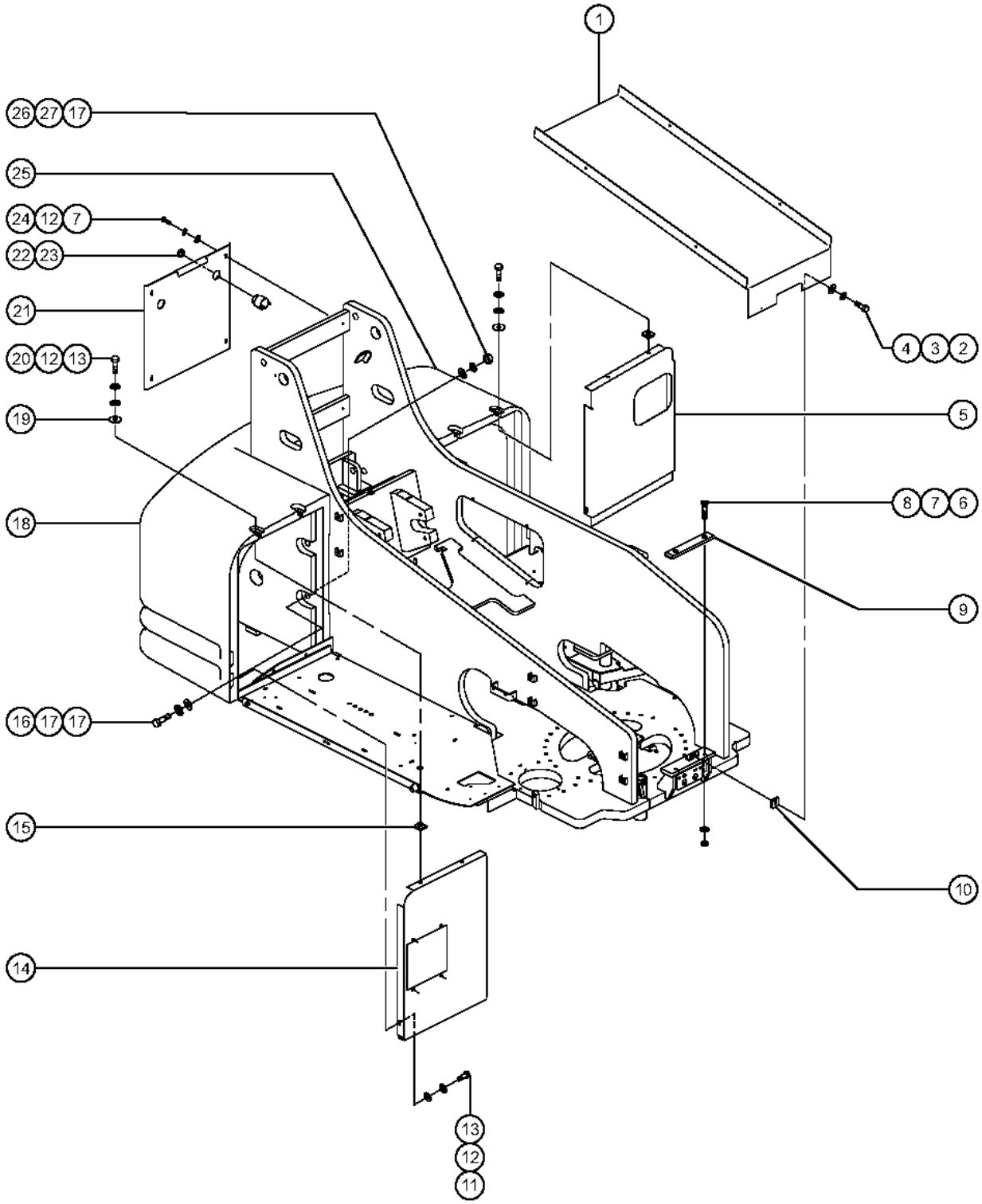
Item	*Part No.*	*Description*	*Qty.*
1	102740GT	WELDMENT,TT COVER SUPPORT,RH	1
2	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS*	2
2-	29314GT	KEY,LATCH, 1 PAIR (28125)	
3	8915GT	SCREW, HHC, 1/4-20 X 1.25	
4	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
5	6638GT	WASHER, FLAT, USS, 1/4"Y	
6	6091GT	NUT,NYLOCK,1/4-20	
7	6888GT	SCREW, HHC, 1/4-20 X 1	
8	6091GT	NUT,NYLOCK,1/4-20	
9	101964GT	WELDMENT,EXHAUST TUBE	1
10	102458GT	TURNTBL COVER ASSY W/WRD DECAL includes items 2 and 11-13	1
10-	102939GT	TURNTBL COVER ASSY W/SYM DECAL includes items 2 and 11-13	
11	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
12	6146GT	WASHER,FLAT,MS,#10,Y	
13	6178GT	NUT, NYLOCK, 10-32	
14	28301GT	GAS STRUT,250 LBS FORCE***	1
14-	27377GT	RETAINER,GAS SPRING***	
15	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
16	5397GT	WASHER, FLAT, USS, 5/16-18	
17	6782GT	NUT, NYLOCK, 5/16-18	
18	30973GT	BUMPER,RUBBER-1 X 1.25	1
19	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL	1260 inches
20	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
21	6595GT	PLUG,ELECTRICAL,DOMESTIC	1
21-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
21-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
21-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	

308.2 Turntable Covers - Engine Side



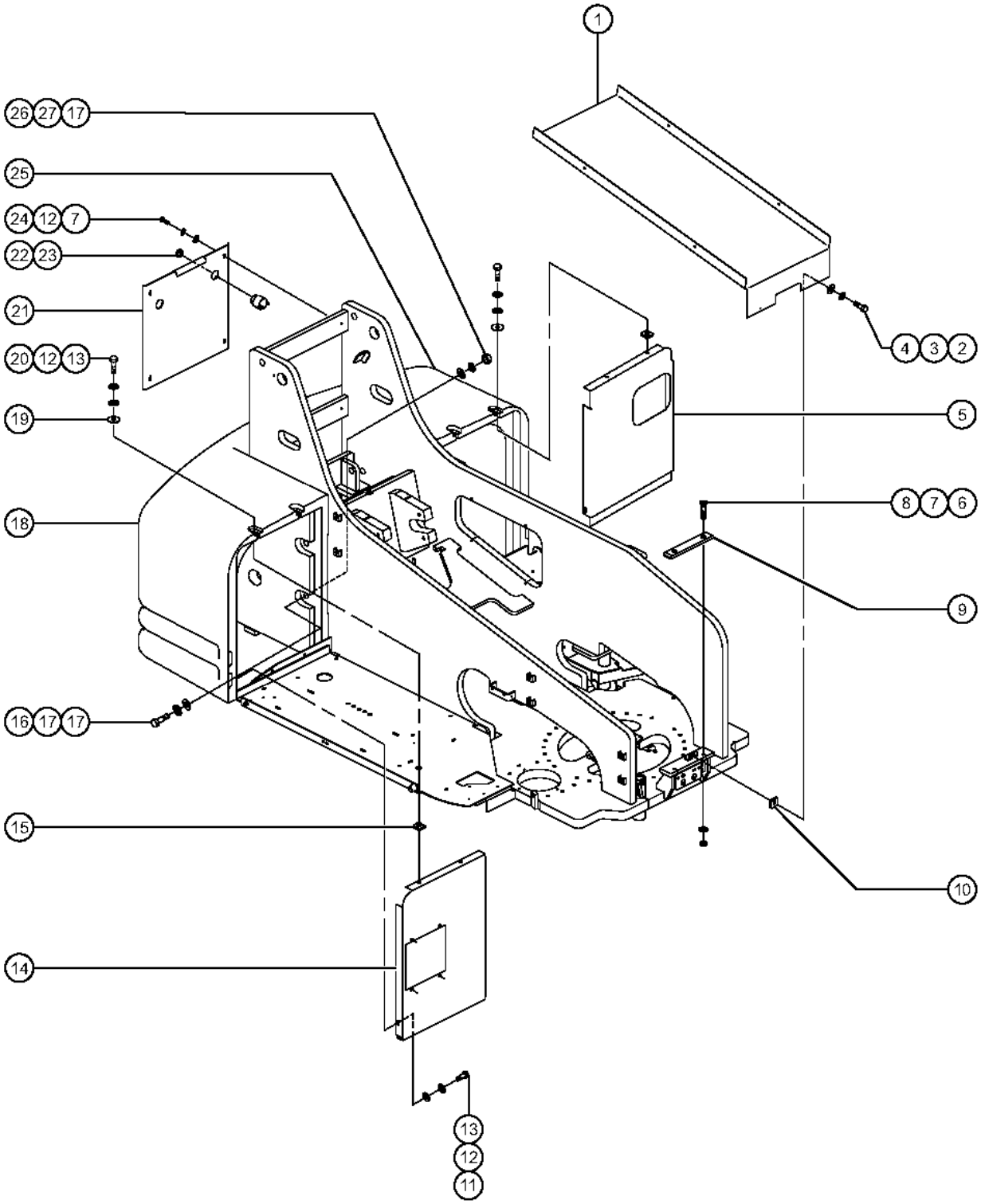
Item	*Part No.*	*Description*	*Qty.*
21-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
21-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	
22	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
23	6002GT	NUT, LP NYLOCK, 5/16-18	
24	33555GT	BALL STUD**	2
25	49535PGT	PLATE,LATCH,BLUE,PAINTED ***	1
26	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	1
27	75073GT	HINGE,.375X.120THK.,SLOTTED	2
28	74496PGT	FORMING,HINGE SUPPORT PAINTED	2
29	6090GT	SCREW, HHC, 1/4-20 X .75	

309.1 Turntable Covers



Item	Part No.	Description	Qty.
1	111386GT	FORMING,CENTER COVER	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6356GT	WASHER,LOCK,.25	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	81474GT	BAFFLE,AIR,DEUTZ 913 Deutz F4L913 models; shown	1
5-	102226GT	FORMING,INTAKE BAFFLE Deutz BF4L2011 models	
5-	81818GT	BAFFLE,GM 3.0 L GM 3.0L models	
5-	70493GT	FORMING,RAD.BAFFLE,FORD S80 Ford LRG 425 models	
5-	63401GT	BAFFLE,PERKINS,S60/80 Perkins 704-30 models	
5-	101623PGT	BAFFLE,INTAKE,S80 PERKINS,PTD Perkins 804C-33 models	
6	35714GT	SCREW,FHS,3/8-16 X 2.25	
7	6097GT	WASHER, FLAT, USS, 3/8", Y	
8	4828GT	NUT, NYLOCK, 3/8-16	
9	41549GT	PAD,BOOM REST	1
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	6
11	6175GT	SCREW,HHC,3/8-16 X 1	
12	6021GT	WASHER, LOCK, .375	
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14		Ref. Tank Side Baffle (refer to 817.1)	
15	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
16	34350GT	SCREW,HHC,1-8 X 6 GRD.5	
17	38859GT	WASHER,FLAT,USS,1",Y	
18	48422GT	CTWT,CAST,4400 LBS,LH	1
19	6095GT	WASHER,FLAT,USS,1/2",Y	
20	6708GT	SCREW,HHC,3/8-16 X 2.25	
21	65613GT	COVER-TURNTABLE W/DECALS S80	1
21-	102967GT	REAR TURNTABLE COVER W/SYM S80	
22	72326GT	NUT - PLASTIC, RING FOR ALARMS	1

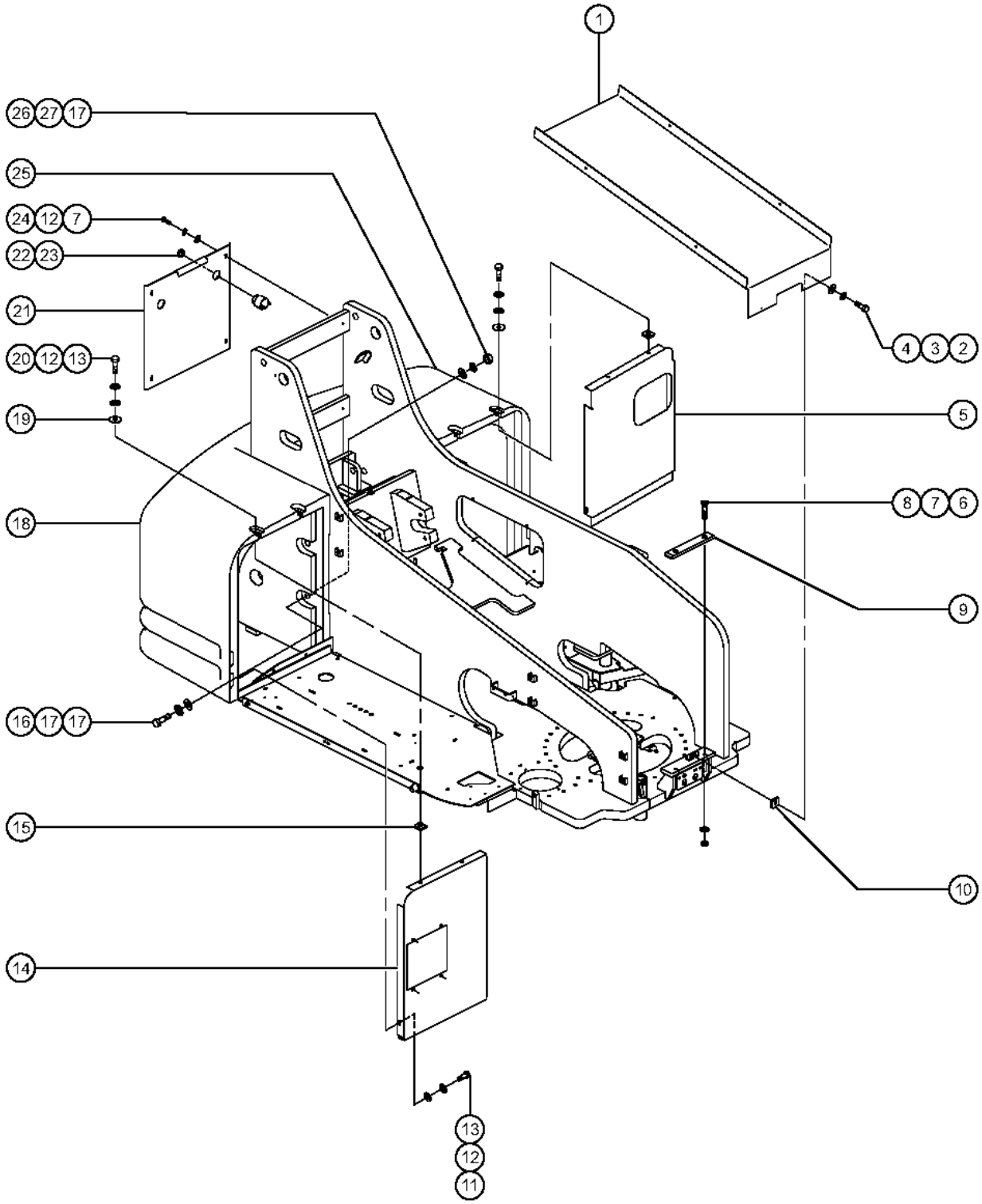
309.1 Turntable Covers



309.1 Turntable Covers

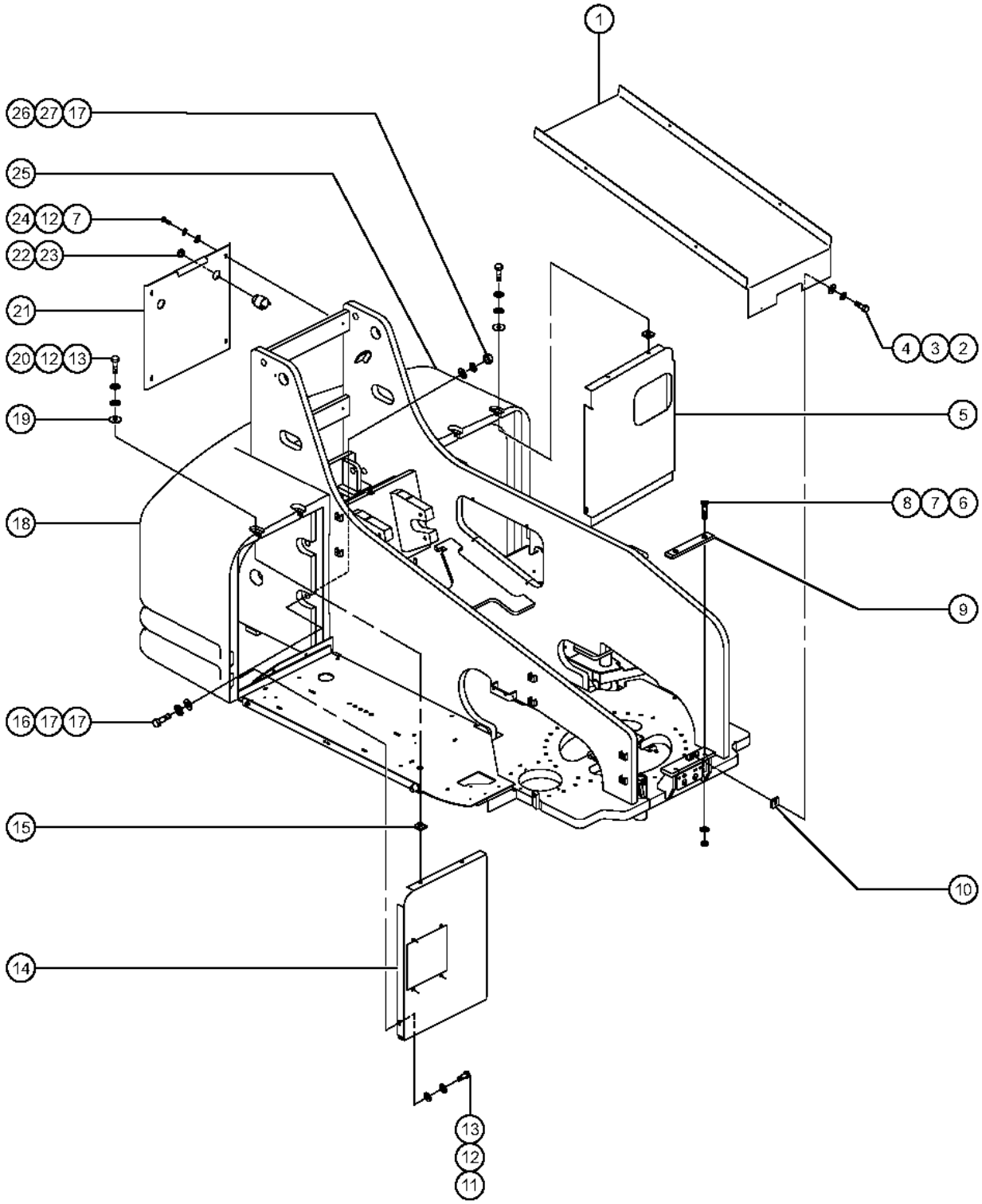
Item	*Part No.*	*Description*	*Qty.*
23	45462GT	ALARM,CHIME TONE 5-25VDC*** Does not include 72326 nut	1
23-	122085GT	HARNESS,ALARM,S80/85 from SN 5612	
24	8255GT	SCREW,HHC,3/8-16 X .75	
25	48421GT	CTWT,CAST,4400 LBS,RH	1
26	33265GT	NUT,HEX,1-8	
27	29605GT	WASHER,LOCK,1"	

309.2 Turntable Covers



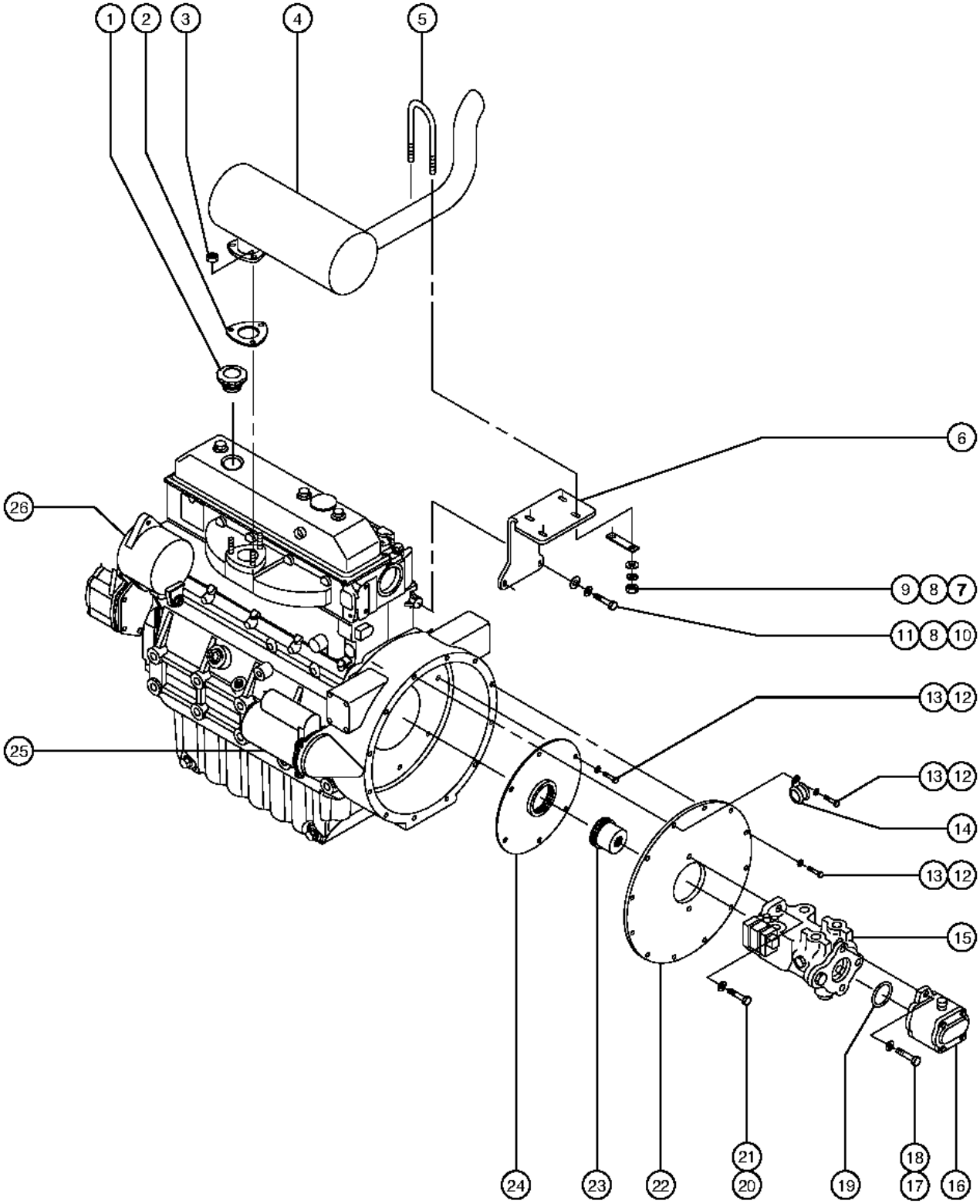
Item	Part No.	Description	Qty.
1	111386GT	FORMING,CENTER COVER	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6356GT	WASHER,LOCK,.25	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	81474GT	BAFFLE,AIR,DEUTZ 913 Deutz F4L913 models; shown	1
5-	10222GT	FORMING,INTAKE BAFFLE Deutz BF4L2011 models	
5-	81818GT	BAFFLE,GM 3.0 L GM 3.0L models	
5-	70493GT	FORMING,RAD.BAFFLE,FORD S80 Ford LRG 425 models	
5-	63401GT	BAFFLE,PERKINS,S60/80 Perkins 704-30 models	
5-	101623PGT	BAFFLE,INTAKE,S80 PERKINS,PTD Perkins 804C-33 models	
6	35714GT	SCREW,FHS,3/8-16 X 2.25	
7	6097GT	WASHER, FLAT, USS, 3/8", Y	
8	4828GT	NUT, NYLOCK, 3/8-16	
9	41549GT	PAD,BOOM REST	1
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	6
11	6175GT	SCREW,HHC,3/8-16 X 1	
12	6021GT	WASHER, LOCK, .375	
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14		Ref. Tank Side Baffle (refer to 817.1)	
15	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
16	34350GT	SCREW,HHC,1-8 X 6 GRD.5	
17	38859GT	WASHER,FLAT,USS,1",Y	
18	48424GT	CTWT,CAST,4800 LBS,LH	
19	6095GT	WASHER,FLAT,USS,1/2",Y	
20	6708GT	SCREW,HHC,3/8-16 X 2.25	
21	65614GT	COVER-TURNTABLE W/DECALS S85	
21-	102968GT	REAR TURNTABLE COVER W/SYM S85	
22	72326GT	NUT - PLASTIC, RING FOR ALARMS	1

309.2 Turntable Covers



Item	*Part No.*	*Description*	*Qty.*
23	45462GT	ALARM,CHIME TONE 5-25VDC*** ..... Does not include 72326 nut	1
23-	122085GT	HARNESS,ALARM,S80/85 ..... from SN 5612	
24	8255GT	SCREW,HHC,3/8-16 X .75	
25	48423GT	CTWT,CAST,4800 LBS,RH	
26	33265GT	NUT,HEX,1-8	
27	29605GT	WASHER,LOCK,1"	

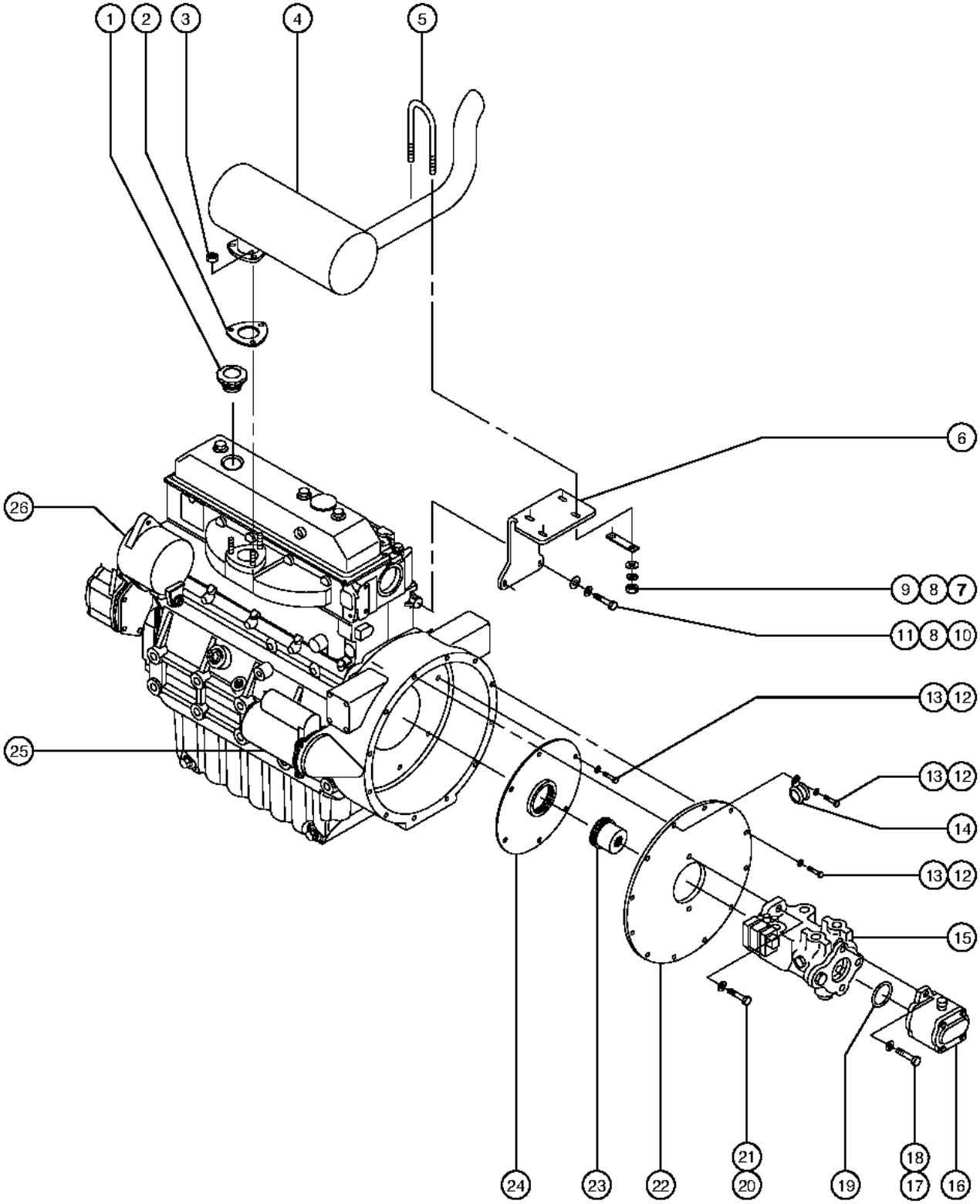
401.1 Perkins 704-30 Engine - View 1 (to SN 3737)



401.1 Perkins 704-30 Engine - View 1 (to SN 3737)

Item	Part No.	Description	Qty.
	81992GT	HARNESS,PERKINS ENGINE*** to SN 3486	
	81562GT	HARNESS,GND,BATT 1 TO BATT 2**	
	81878GT	HARNESS,#8AWG BATT TO SEPERATR	
1	65499GT	CAP, SIDE OIL FILL, PERKINS	1
2	65503GT	GASKET,MUFFLER PERKINS(53883)	1
3	65504GT	NUT,MUFFLER PERKINS 10MM	3
4	63313GT	MUFFLER, PERKINS	1
5	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***	2
6	63326PGT	MUFFLER BRACKET, PAINTED	1
7	6037GT	NUT,HEX,5/16-18,GR5	
8	44064GT	SCREW,HHC,M10 X 30MM,	
9	22700GT	WASHER,LOCK,M10	
10	6886GT	WASHER,LOCK,.313	
11	5397GT	WASHER, FLAT, USS, 5/16-18	
12	23057GT	SCREW,HHC,M8 X 20MM	
13	6638GT	WASHER, FLAT, USS, 1/4"Y	
14	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	1
15		Ref. Drive Pump Assembly (refer to 707.1)	
16		Ref. Single Lift/Steer Pump (refer to 707.1)	
17	6175GT	SCREW,HHC,3/8-16 X 1	
18	6097GT	WASHER, FLAT, USS, 3/8", Y	
19	29436GT	O-RING***	1
20	8177GT	SCREW,HHC,1/2-13 X 1.5	
21	13066GT	WASHER,FLAT,.5 HARDENED	2
22	63464PGT	PLATE, PUMP MOUNT, PAINTED***	1
23	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
24	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
25	65495GT	STARTER MOTOR, PERKINS (53883)	1

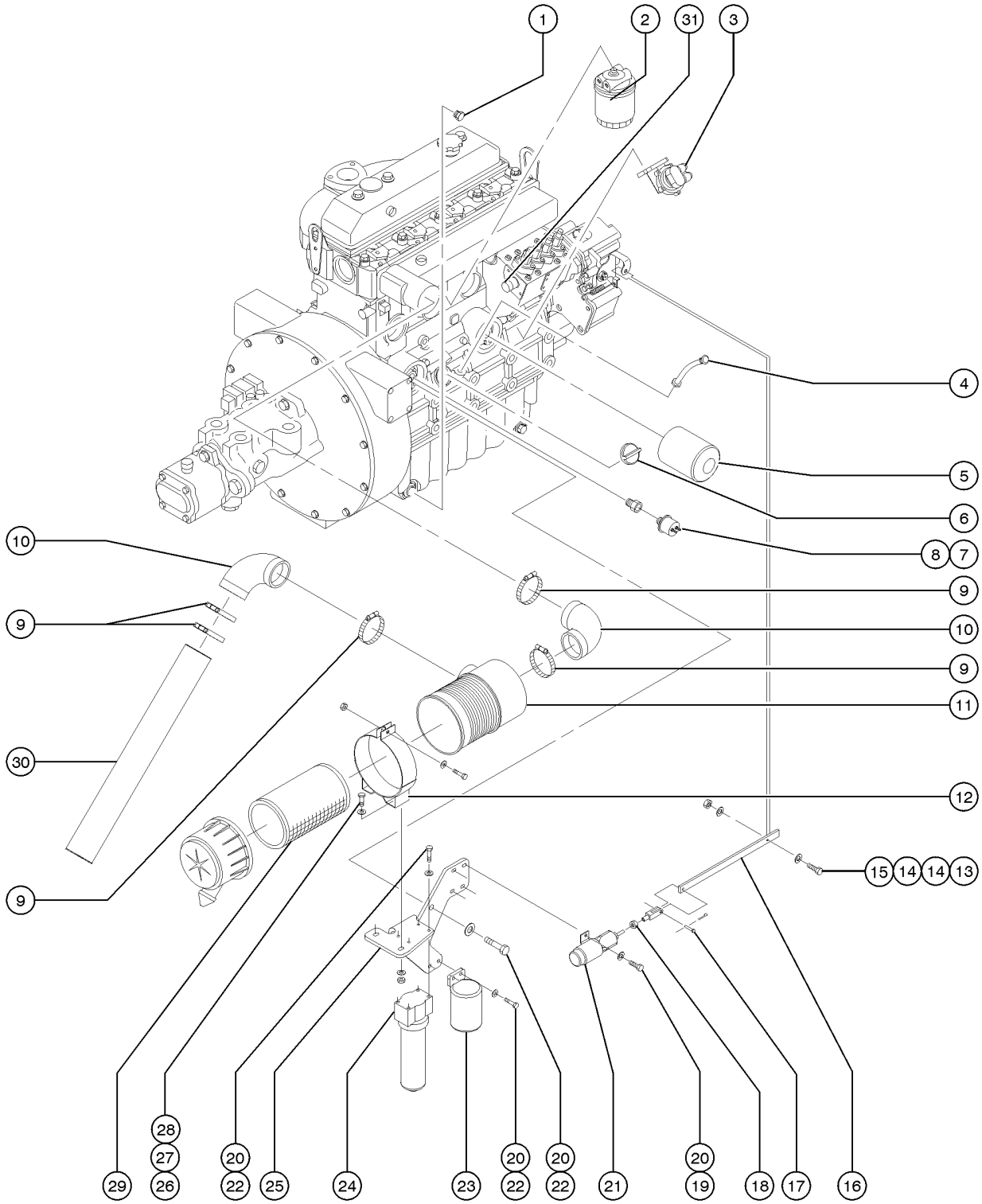
401.1 Perkins 704-30 Engine - View 1 (to SN 3737)



401.1 Perkins 704-30 Engine - View 1 (to SN 3737)

Item	*Part No.*	*Description*	*Qty.*
26	65487GT	ALTERNATOR, PERKINS (53883)	1

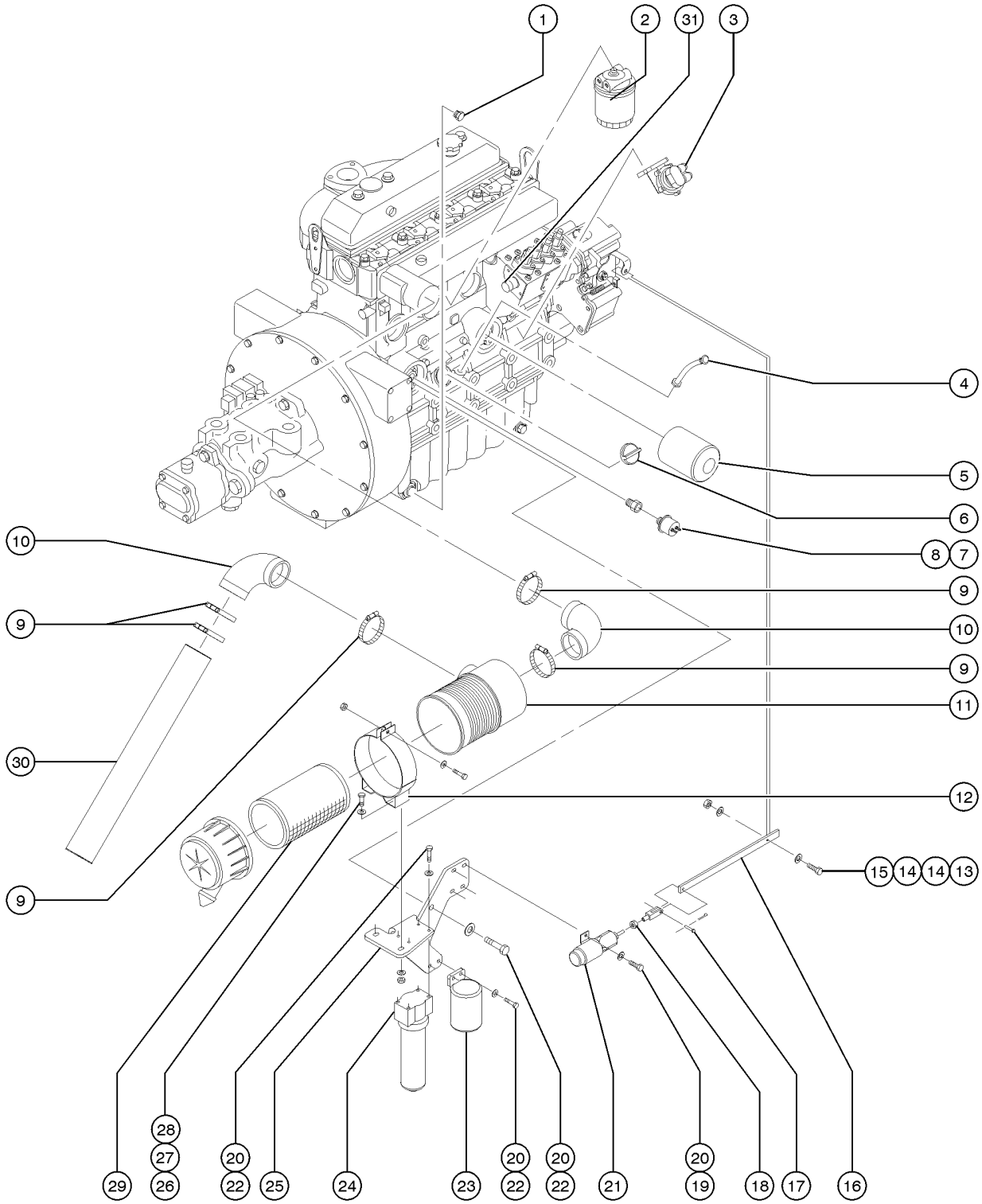
402.1 Perkins 704-30 Engine - View 2 (to SN 3737)



402.1 Perkins 704-30 Engine - View 2 (to SN 3737)

Item	Part No.	Description	Qty.
1	109802GT	PLUG,ORB #6	1
2	62421GT	FILTER,FUEL,PERKINS	1
3	65500GT	PUMP, LIFT INLET PORT (53883)	1
3-	65501GT	FITTINGS, LIFT PUMP INLET PORT	
3-	53948GT	ADPTR,STR FEM INV 45D 1/4X1/4	
4	65497GT	DIPSTICK (53883)	1
5	62422GT	FILTER,OIL,PERKINS 704-30 (BB)	1
6	65498GT	CAP,OIL FILLER, PERKINS	1
7	30810GT	SENDING UNIT,OIL PRESSURE*** dual-terminal sender	1
8	53951GT	ADPTR,ST. THR 3/4-16 FEM PIPE	1
9	53945GT	CLAMP,HOSE 2 5/16-3 1/4	5
10	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	2
11	63463GT	AIR CLEANER,NELSON***	1
11-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
11-	62420GT	FILTER, AIR D2.9L4	
11-	65810GT	BAFFLE, AIR CLEANER (27915)**	
11-	52866GT	EVACUATOR VALVE-AIR CLEANER	
12	53952GT	BRKT,AIR CLEANER ORIENTATION** includes mounting fasteners; to SN 3737	1
13	81128GT	SCREW,SHSH,M5XM16,ZINC	
14	56660GT	WASHER,RIVETING	
15	27082GT	NUT,NYLOCK,M5X.80	
16	88512GT	THROTTLE LINK,DSL***	1
17	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
18	21496GT	NUT,HEX,1/4-28	
19	6888GT	SCREW, HHC, 1/4-20 X 1	
20	6638GT	WASHER, FLAT, USS, 1/4"Y	
21	77402GT	SOLENOID,THROTTLE ACTUATOR DSL	1
21-	88486GT	SOL SPRING,SYNCHRO START 1751	

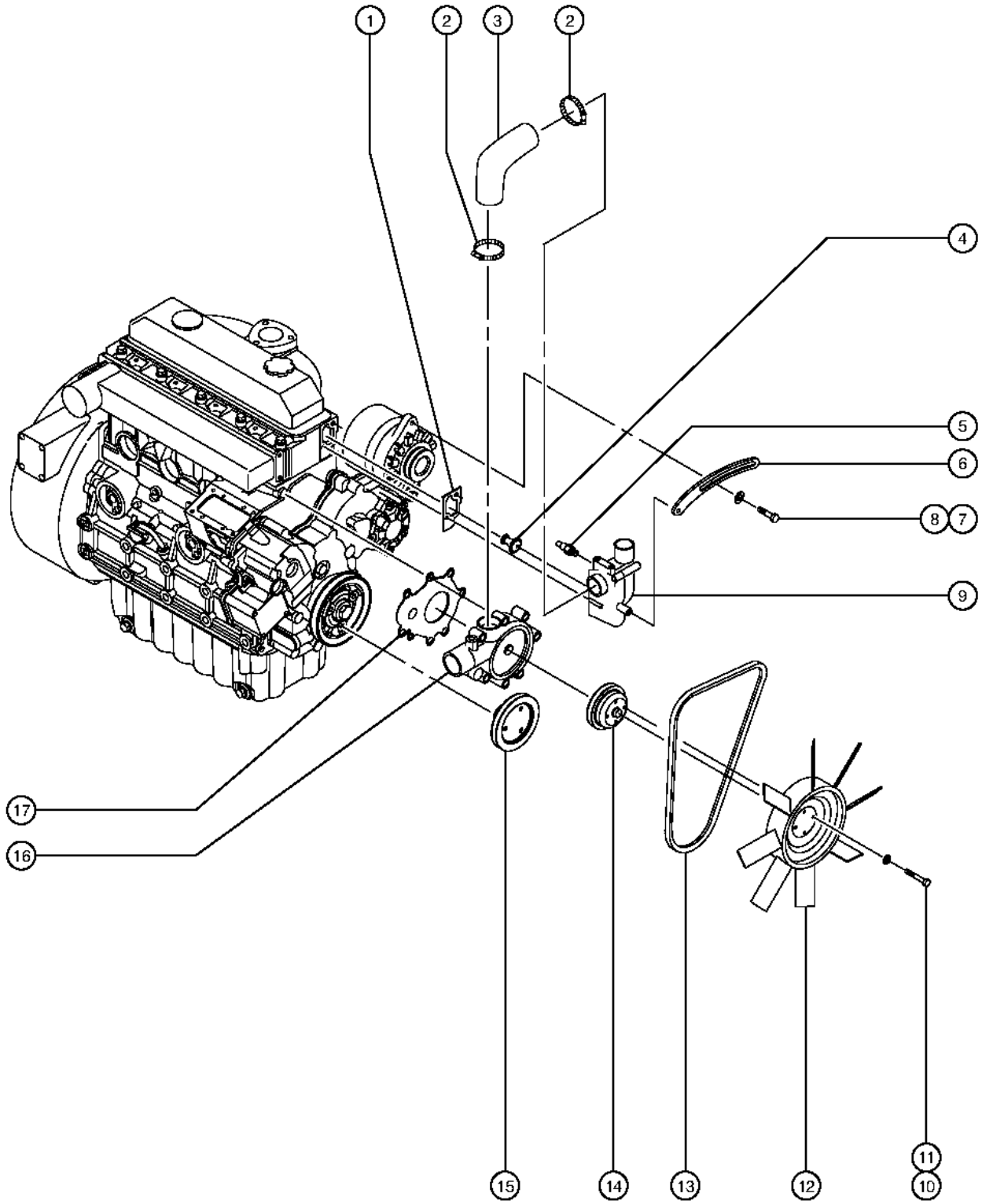
402.1 Perkins 704-30 Engine - View 2 (to SN 3737)



402.1 Perkins 704-30 Engine - View 2 (to SN 3737)

Item	Part No.	Description	Qty.
22	6090GT	SCREW, HHC, 1/4-20 X .75	
23	81199GT	SEPARATOR/FILTER,FUEL-D,30MIC	1
23-	65853GT	FILTER,FUEL/WATER SEPARATOR***	
24		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
24-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
24A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
24A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
25	63399PGT	AIR CLEANER BRACKET, PAINTED	1
26	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
27	5397GT	WASHER, FLAT, USS, 5/16-18	
28	6782GT	NUT, NYLOCK, 5/16-18	
29	62420GT	FILTER, AIR D2.9L4	1
30	34162-2300GT	HOSE,AIR INTAKE 2.50" I.D.	1
31	72265GT	SOLENOID,SHUTDOWN,PERKINS ****	

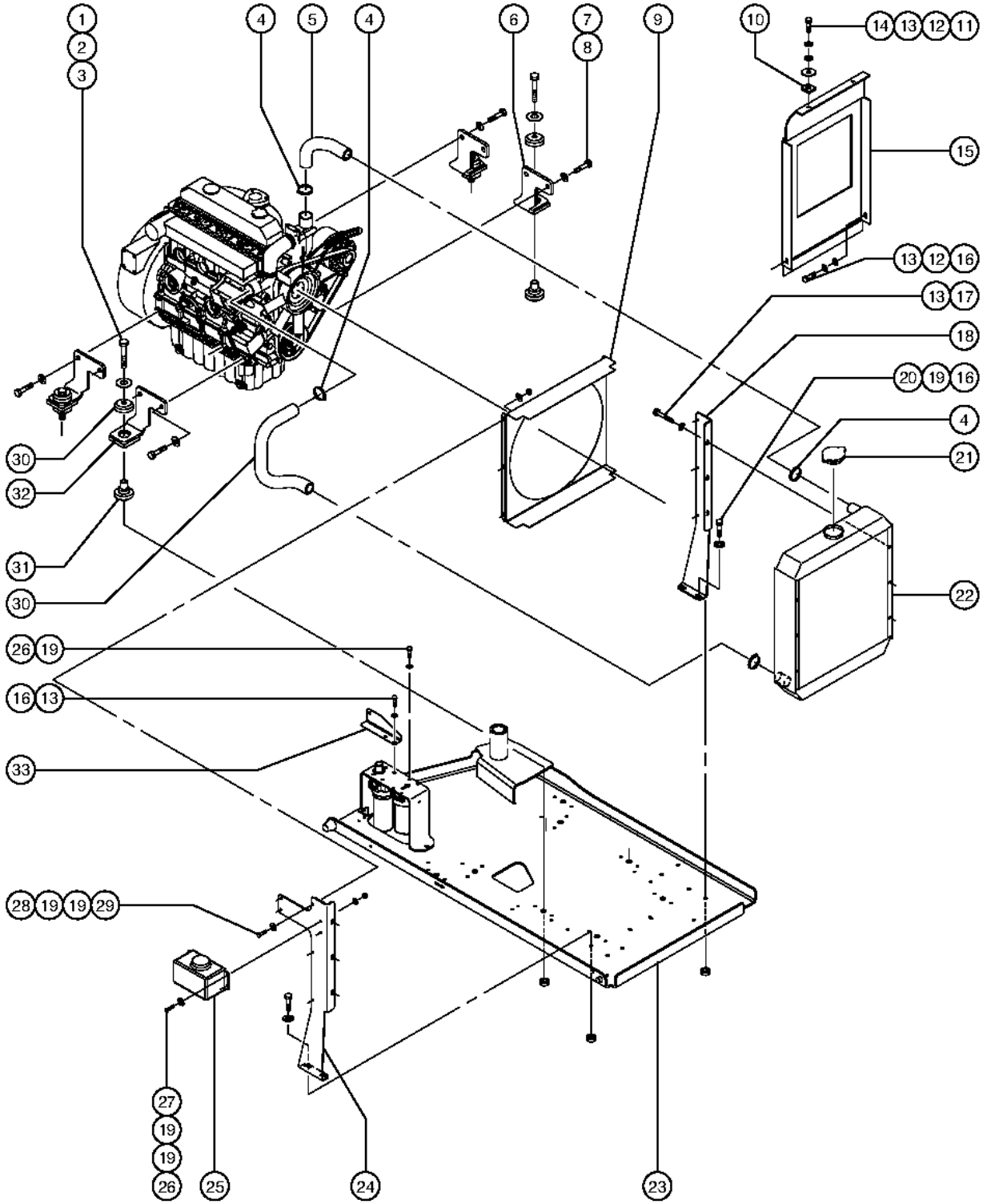
403.1 Perkins 704-30 Engine - View 3 (to SN 3737)



403.1 Perkins 704-30 Engine - View 3 (to SN 3737)

Item	*Part No.*	*Description*	*Qty.*
1	65505GT	GASKET, THERMOSTAT (53883)	1
2	65506GT	CLAMP, HOSE (53883)	2
3	65507GT	HOSE, WATER PUMP (53383)	1
4	65493GT	THERMOSTAT, PERKINS (53883)	1
5	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1
6	65488GT	LEVER ALTERNATOR, (53883)	1
7	49381GT	SCREW,HHC,M12 X 30	
8	65355GT	WASHER,LOCK,M12	
9	65494GT	HOUSING,THERMOSTAT (53883)	1
10	67349GT	SCREW,HHC,M8 X 50	
11	49408GT	WASHER, LOCK, M8	
12	65490GT	FAN, PERKINS (53883)	1
13	62423GT	BELT,V KIT (TWO BELTS) 704-30	1
14	102683GT	PULLEY, WATER PUMP (704-30)	1
15	65496GT	PULLEY,CRANKSHAFT (53883)	1
16	65491GT	WATER PUMP, PERKINS (53883)	1
17	65492GT	GASKET,TIMMING CASE COVER	1

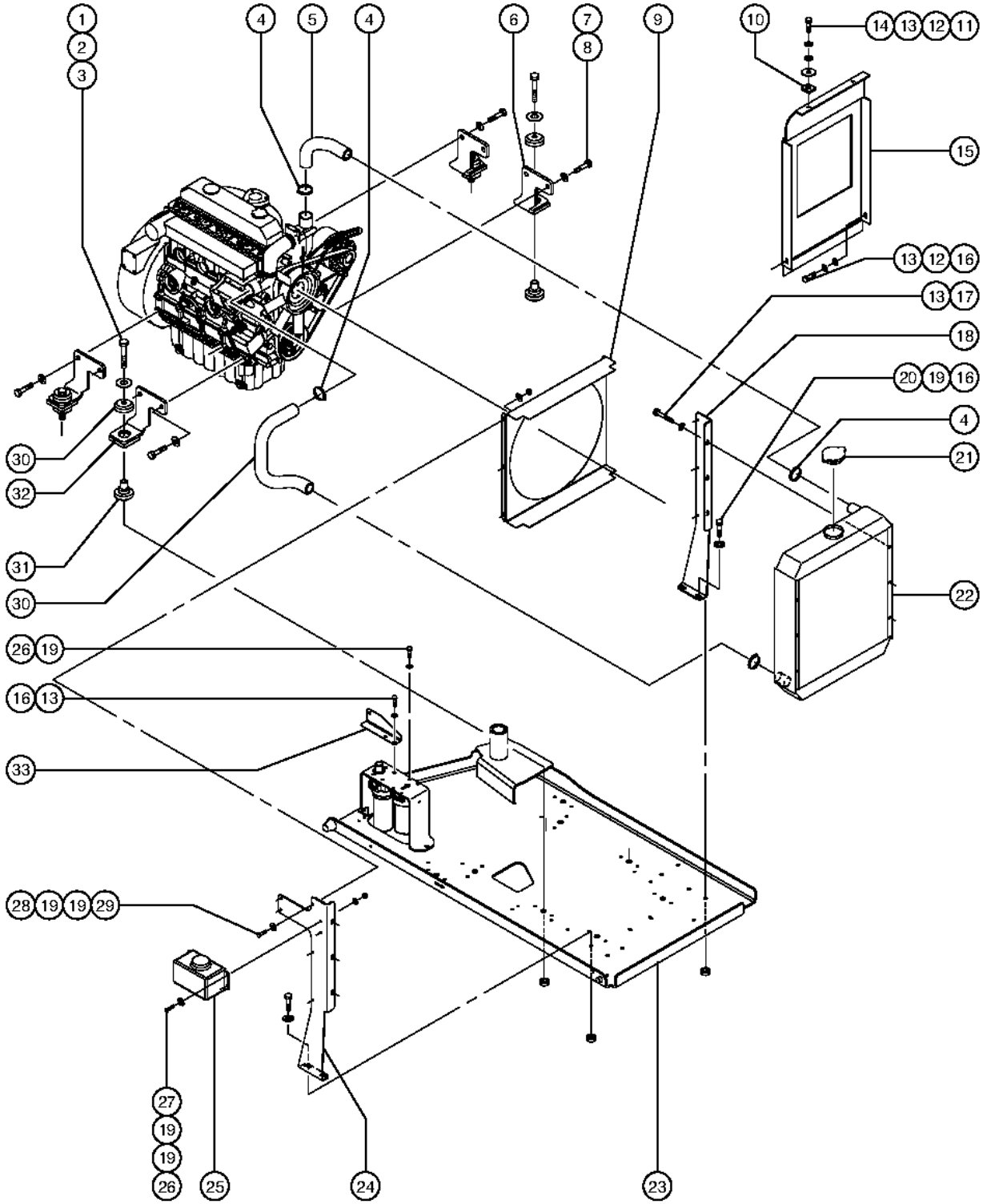
404.1 Perkins 704-30 Engine - View 4 (to SN 3737)



404.1 Perkins 704-30 Engine - View 4 (to SN 3737)

Item	Part No.	Description	Qty.
1	53909GT	SCREW,HHC,5/8-11 X 4.0 GR8	4
2	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
3	6024GT	NUT,NYLOCK,5/8-11	
4	13014GT	CLAMP,HOSE,2.25" DIA.	4
5	63413GT	RADIATOR HOSE, UPPER	1
6	63418GT	WELDMENT,ENGINE MOUNT,INBOARD	1
7	49384GT	SCREW,HHC,M14 X 30	
8	37505GT	WASHER,LOCK,M14	
9	63364PGT	FAN SHROUD, PAINTED	1
10	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	2
11	6708GT	SCREW,HHC,3/8-16 X 2.25	
12	6021GT	WASHER, LOCK, .375	
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14	6095GT	WASHER,FLAT,USS,1/2",Y	
15	63401PGT	BAFFLE,PERKINS,S60/80,PAINTED*	1
16	6175GT	SCREW,HHC,3/8-16 X 1	
17	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
18	63362PGT	RADIATOR MOUNT, LH, PAINTED	1
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	7713GT	NUT, LP NYLOCK, 3/8-16	
21	65473GT	CAP,RADIATOR,PERKINS/FORD	1
22	63462GT	RADIATOR,PERKINS,GM	1
23		Ref. Engine Pivot Tray Assembly with Bearings (refer to 423.1)	
24	102971GT	ENGINE MOUNT W/DECAL PERKNS T1	1
24-	63363PGT	RADIATOR MOUNT, RH PAINTED	
25	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
25-	72327GT	CAP, COOLANT RET SYS(54071)	
26	6090GT	SCREW, HHC, 1/4-20 X .75	

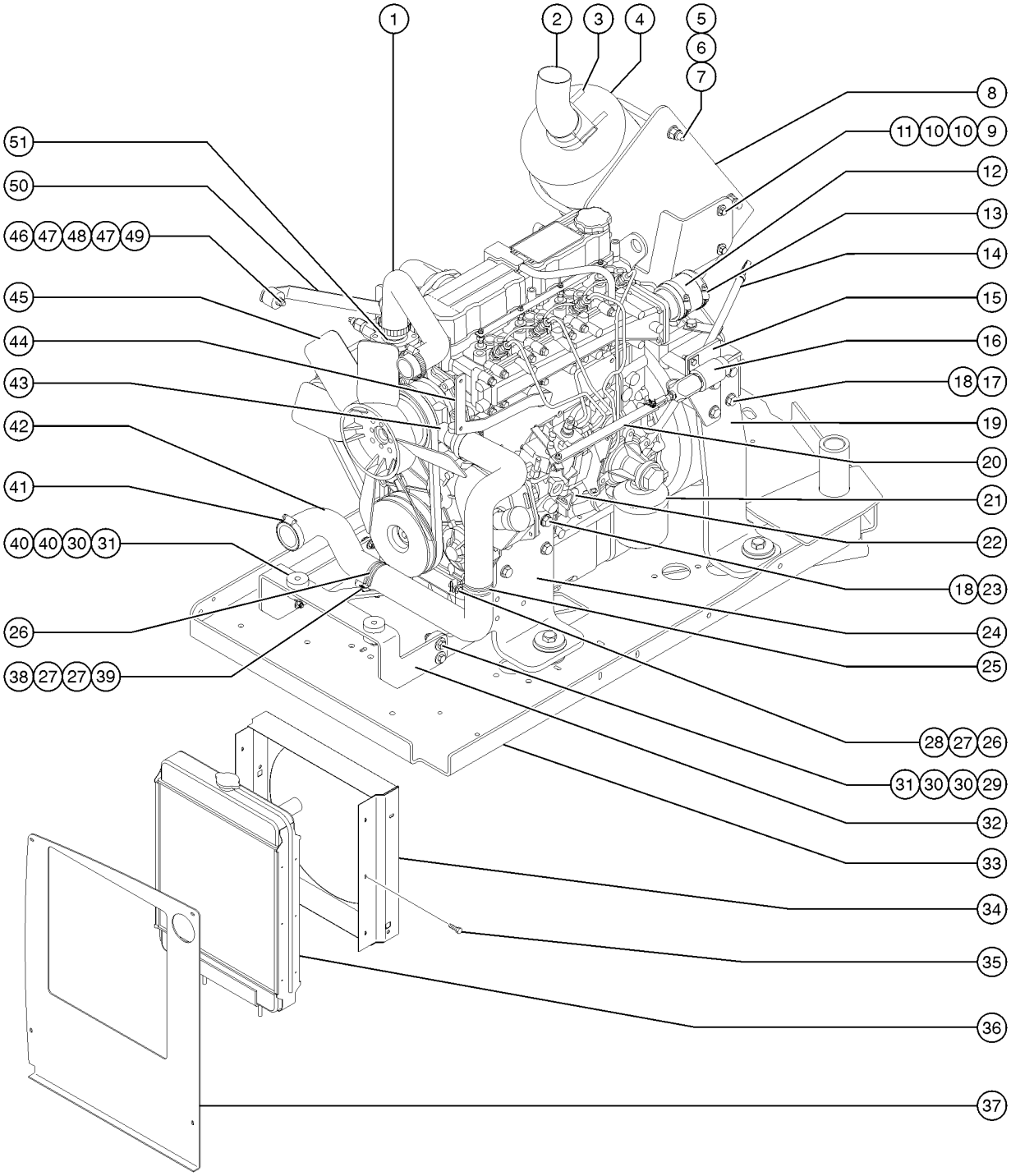
404.1 Perkins 704-30 Engine - View 4 (to SN 3737)



404.1 Perkins 704-30 Engine - View 4 (to SN 3737)

Item	*Part No.*	*Description*	*Qty.*
27	6889GT	NUT,LP NYLOCK,1/4-20	
28	6888GT	SCREW, HHC, 1/4-20 X 1	
29	6091GT	NUT,NYLOCK,1/4-20	
30	63414GT	RADIATOR HOSE, LOWER	1
31	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
32	63419GT	WELDMENT,ENGINE MOUNT,OUTBOARD	1
33	88189PGT	FORMING,AIR INTAKE BRACKET	1

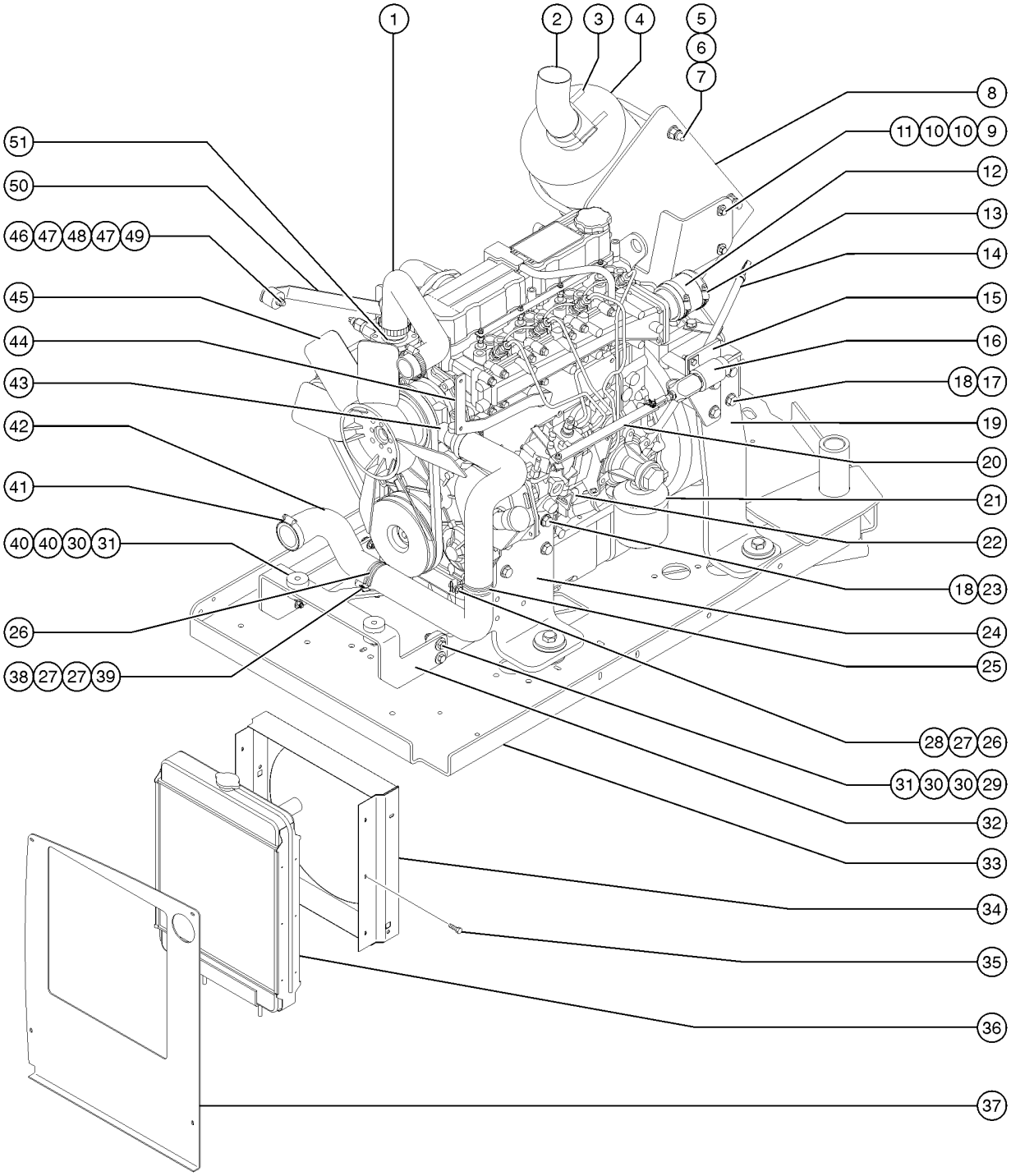
405.1 Perkins 804D-33 Engine - View 1 (from SN 3738)



405.1 Perkins 804D-33 Engine - View 1 (from SN 3738)

Item	Part No.	Description	Qty.
	101893GT	HARNESS,PERKINS ENGINE	
	122262GT	HARNESS, DUAL BATT, PERKINS from SN 6162	
	61225GT	RELAY,12VDC,70AMP,SEALED	
	61226GT	RELAY SOCKET,70AMP	
1	101601GT	HOSE,RADIATOR,UPPER,PERKINS	1
1-	35434GT	CLAMP,HOSE,2.00***	
2	101619GT	PIPE,TAIL	1
3	71911GT	CLAMP,MUFFLER, 2.50 INCH	
4	70444GT	MUFFLER,2.5"INLET/OUTLET	1
4-	101634GT	MUFFLER,CATALYTIC,2.5 I/O	
4-	101633GT	MUFFLER,SPARK ARREST,2.5 I/O	
5	70449GT	U-BOLT,1/2-13 X 8.5	2
6	13066GT	WASHER,FLAT,.5 HARDENED	4
7	66777GT	NUT,TOP LOCK,1/2-13	2
8	101611GT	BRACKET,AIR CLEANER,MUFFLER	1
9	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
10	5397GT	WASHER, FLAT, USS, 5/16-18	
11	6782GT	NUT, NYLOCK, 5/16-18	
12	34162-300GT	HOSE,AIR INTAKE 2.50" ID	1
13	30971GT	CLAMP,HOSE,3.00"	1
14	101625GT	DIP STICK TUBE ASSY.	1
15	101620PGT	BRACKET,SOLENOID PAINTED	1
16	77402GT	SOLENOID,THROTTLE ACTUATOR DSL	1
16-	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	
17	27584GT	SCREW,HHC,M12 X 35MM	
18	49410GT	WASHER, FLAT, M12	
19	101610PGT	ENGINE MOUNT,LR PAINTED	1
20	121814GT	THROTTLE LINKAGE,DIESEL	1

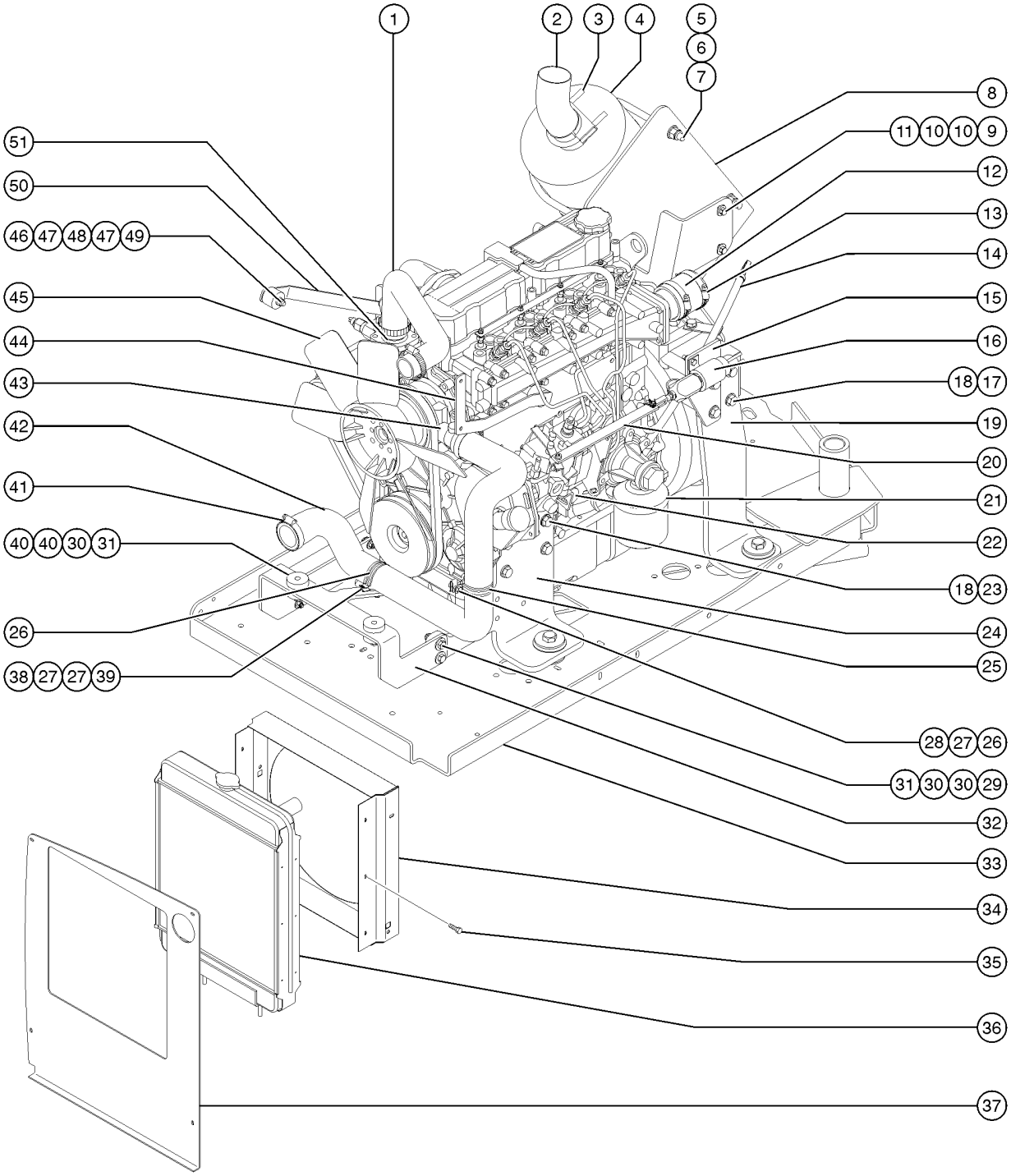
405.1 Perkins 804D-33 Engine - View 1 (from SN 3738)



405.1 Perkins 804D-33 Engine - View 1 (from SN 3738)

Item	Part No.	Description	Qty.
20-	81128GT	SCREW,SHSH,M5XM16,ZINC	
20-	27082GT	NUT,NYLOCK,M5X.80	
21	101613GT	ELEMENT,OIL FILTER,PERKINS***	1
22	102348GT	SENDING UNIT,OIL PRESS PERKINS	1
22-	101627GT	ADAPTER 3/8 FNPT X M16	
23	49381GT	SCREW,HHC,M12 X 30	
24	101608PGT	ENGINE MOUNT,LF PAINTED	1
25	6653GT	CLAMP, 1.88, #30 X 1/4, RUB CUSH	2
26	6090GT	SCREW, HHC, 1/4-20 X .75	
27	6638GT	WASHER, FLAT, USS, 1/4"Y	
28	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
29	8516GT	SCREW, HCC, 3/8-16 X 1.50	
30	6097GT	WASHER, FLAT, USS, 3/8", Y	
31	4828GT	NUT, NYLOCK, 3/8-16	
32	101606PGT	BRACKET,RADIATOR SUPPORT PNTD	1
33		Ref. Engine Tray Assembly with Bearings (refer to 423.1)	
34	101603PGT	SHROUD,FAN,PERKINS PAINTED	1
35	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
36	110304GT	RADIATOR,FORD/PERKINS***	1
36-	65473GT	CAP,RADIATOR,PERKINS/FORD	
37	101623PGT	BAFFLE,INTAKE,S80 PERKINS,PTD	1
38	6888GT	SCREW, HHC, 1/4-20 X 1	
39	6091GT	NUT,NYLOCK,1/4-20	
40	24038GT	SHOCK MOUNT,SMALL	4
41	35434GT	CLAMP,HOSE,2.00***	1
42	101602GT	HOSE,RADIATOR,LOWER,PERKINS	1
43	226060GT	PUMP,WATER,PERKINS 804D-33T	
43-	226061GT	GASKET-PUMP WATE,PERK 804D-33T	

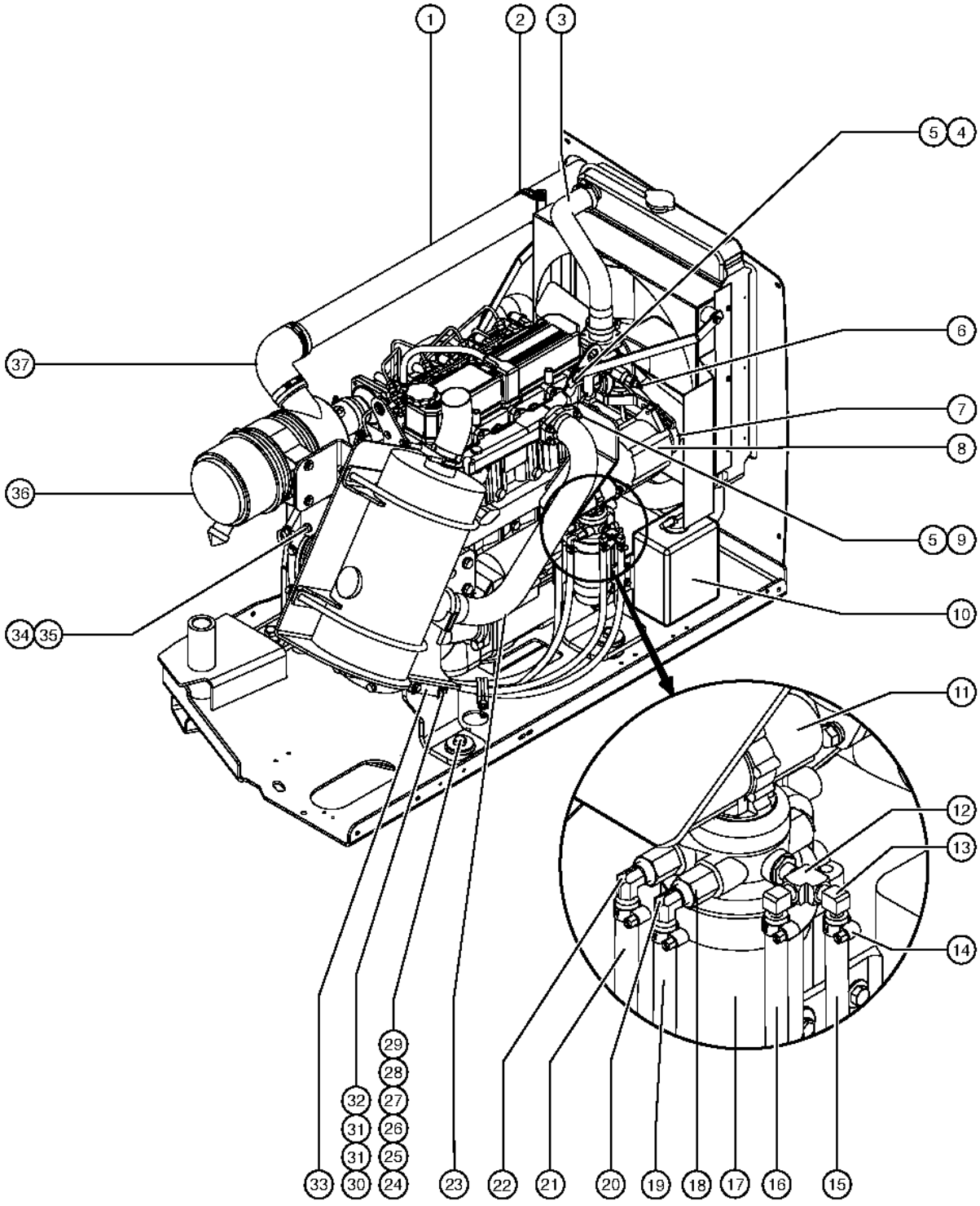
405.1 Perkins 804D-33 Engine - View 1 (from SN 3738)



405.1 Perkins 804D-33 Engine - View 1 (from SN 3738)

Item	*Part No.*	*Description*	*Qty.*
44	101605PGT	BRACKET,FAN SHROUD,LH PAINTED	
45	107545GT	FAN, PERKINS 804C-33	
46	23057GT	SCREW,HHC,M8 X 20MM	
47	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
48	60585GT	ISOLATOR,VIBRATION,M8 MALE/FEM	
49	25368GT	NUT,NYLOCK,M8X1.25	
50	101604PGT	BRACKET,FAN SHROUD,RH,PAINTED	
51	226127GT	THERMOSTAT, 180 DEG.F	
51-	226128GT	GASKET, (226127)	

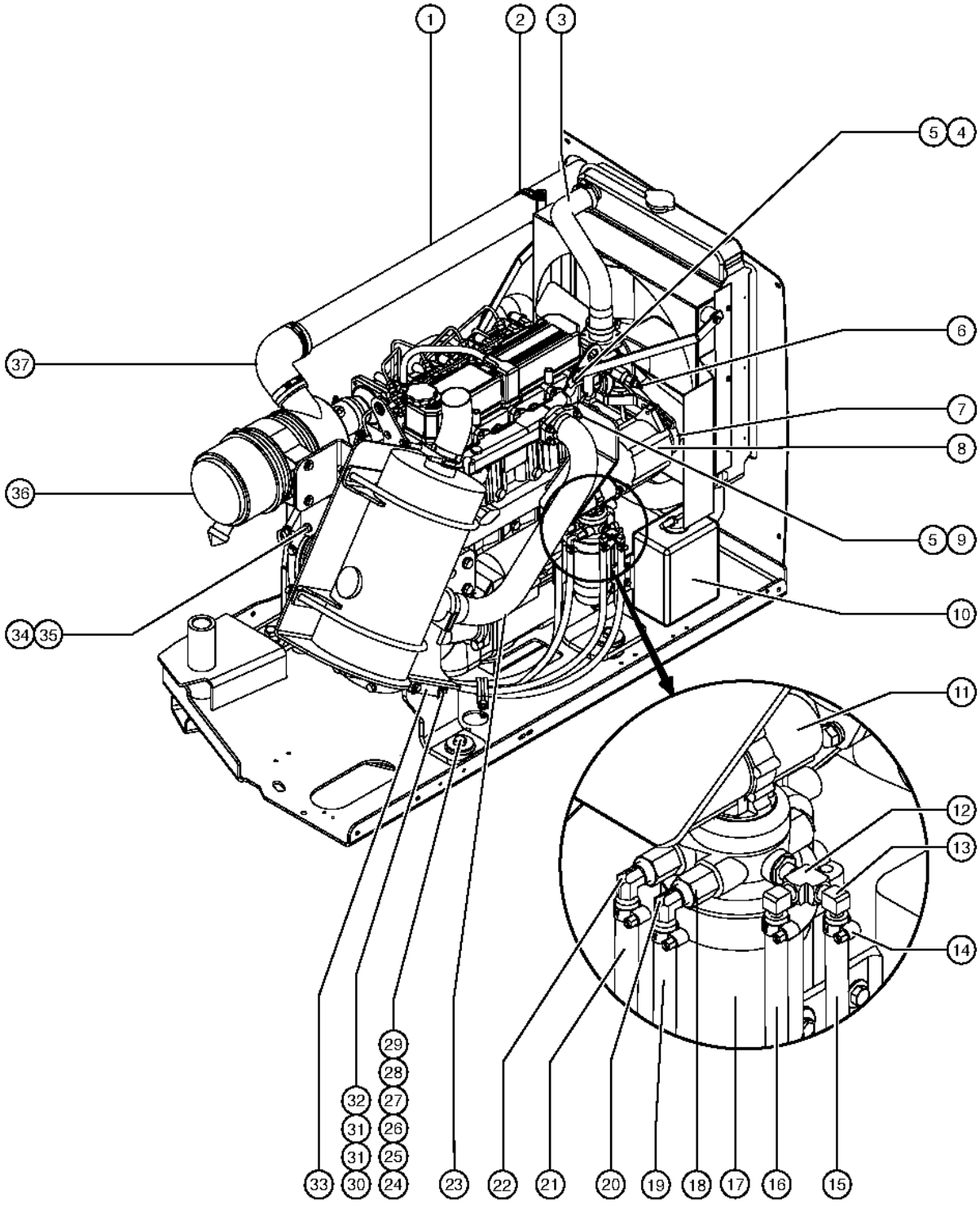
406.1 Perkins 804D-33 Engine - View 2 (from SN 3738)



406.1 Perkins 804D-33 Engine - View 2 (from SN 3738)

Item	Part No.	Description	Qty.
1	94324GT	TUBE,RD,STL,ALUMIZD,2.5 X .065 cut to 34.5 inches	35 inches
2	101626GT	CLAMP,2.5,#40 x 1/4,RUB CUSH	1
3	101601GT	HOSE,RADIATOR,UPPER,PERKINS	1
3-	35434GT	CLAMP,HOSE,2.00***	
4	23057GT	SCREW,HHC,M8 X 20MM	
5	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
6	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1
6-	28607GT	ADAPTER,140139-8-6	
7	102534GT	V-BELT, PERKINS 804C-33 (for alternator)	
8	58250GT	ALTERNATOR,PERKINS 800 SERIES	1
8-	106023GT	CONN,3WAY,ALT,SUMITOMO TS	
8-	106024GT	TERM,ALT.PERKINS 804,16/14 GA	
8-	56689GT	SEAL,CONNECT,AMP SINGLE WIRE	
9	22571GT	NUT,HEX,M8 X 1.25	
10	70367GT	BOTTLE,COOLANT RECOVERY,3.7***	1
10-	115431GT	CAP ASSY, COOLANT BOTTLE	
11	101644GT	FUEL LIFT PUMP/FILTER ASSY	1
12	41468GT	TEE,BRASS STREET,.12 NPT	1
13	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	2
14	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	8
15	27089GT	HOSE,5/16 FUEL,SAE 30R7	
16	27089GT	HOSE,5/16 FUEL,SAE 30R7	
17	101614GT	ELEMENT,FUEL/WATER SEPARATOR	1
18	101628GT	ADAPTER,1/4 FNPT X 1/2-20 UNF	2
19	42941GT	HOSE,3/8",FUEL,30R7	
20	31817GT	ELBOW,90DEG.1/4MPT-3/8 BARB	1
21	27089GT	HOSE,5/16 FUEL,SAE 30R7	

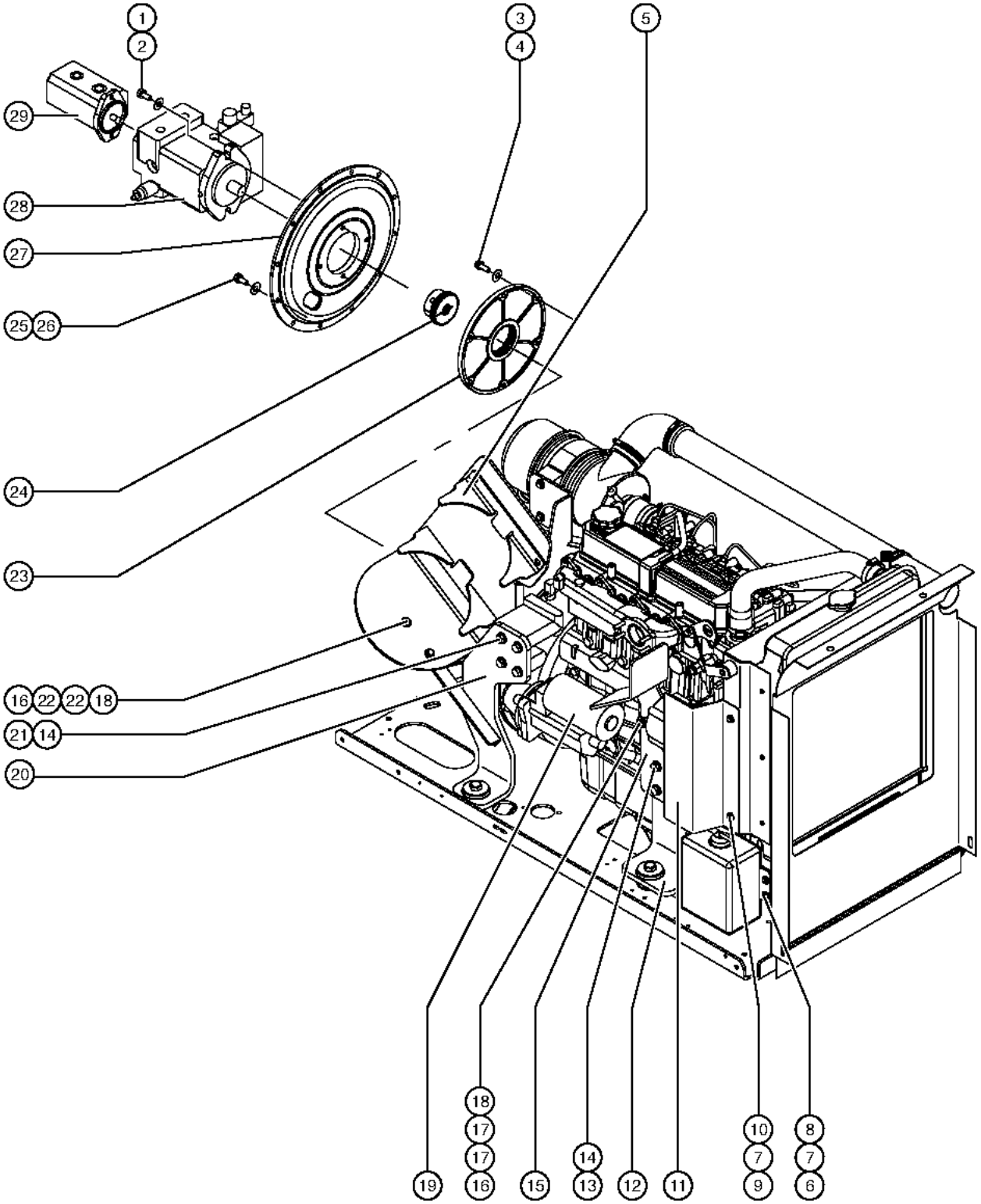
406.1 Perkins 804D-33 Engine - View 2 (from SN 3738)



406.1 Perkins 804D-33 Engine - View 2 (from SN 3738)

Item	Part No.	Description	Qty.
22	54205GT	HOSE END,BARB,1/4 MNPTX5/16,90	1
23	101618GT	PIPE,EXHAUST WELDMENT	1
23-	101645GT	GASKET,EXHAUST MANIFOLD,PERKIN gasket between exhuast pipe and manifold	
24	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	4
25	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
26	102045GT	ISOLATOR,ENGINE VIBRATION	4
27	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
28	6035GT	WASHER,FLAT,USS,5/8",Y	
29	6024GT	NUT,NYLOCK,5/8-11	
30	8516GT	SCREW, HCC, 3/8-16 X 1.50	
31	5397GT	WASHER, FLAT, USS, 5/16-18	
32	4828GT	NUT, NYLOCK, 3/8-16	
33	101641PGT	BRACKET,MUFFLER SUPPORT PAINTD	1
34	44064GT	SCREW,HHC,M10 X 30MM,	
35	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
36	63463GT	AIR CLEANER,NELSON***	1
36-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
36-	62420GT	FILTER, AIR D2.9L4	
36-	65810GT	BAFFLE, AIR CLEANER (27915)**	
36-	52866GT	EVACUATOR VALVE-AIR CLEANER	
36-	53952GT	BRKT,AIR CLEANER ORIENTATION**	
37	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	1
37-	90971GT	ALLIED SPADE DRILL,11/16	

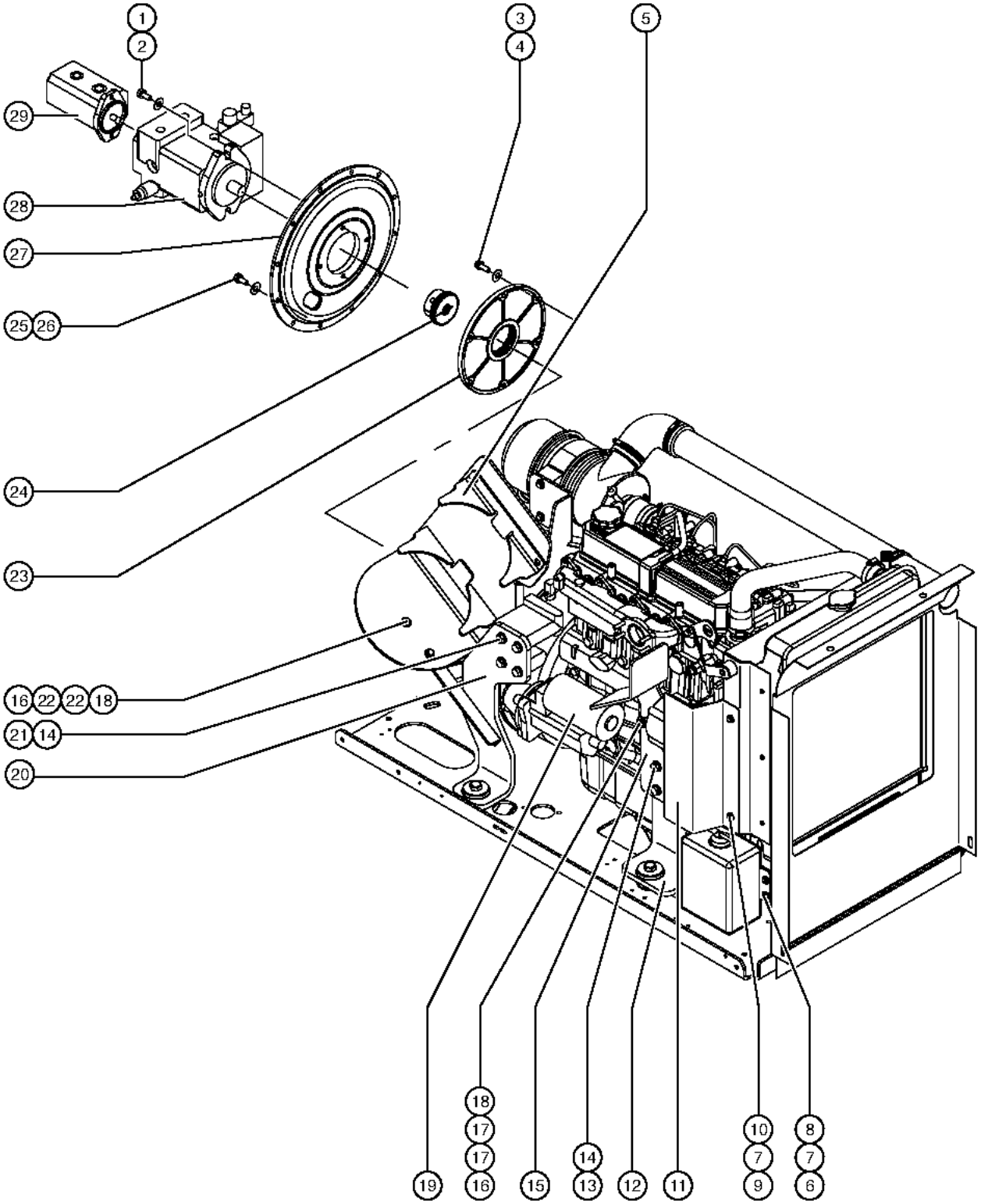
407.1 Perkins 804D-33 Engine - View 3 (from SN 3738)



407.1 Perkins 804D-33 Engine - View 3 (from SN 3738)

Item	Part No.	Description	Qty.
	128023GT	KIT,FBA STYLE COUPLER,SAE8 (replaces the flex plate and pump coupler)	
1	8177GT	SCREW,HHC,1/2-13 X 1.5	
2	13066GT	WASHER,FLAT,.5 HARDENED	
3	44064GT	SCREW,HHC,M10 X 30MM, (use with flex plate 33024)	
3-	62476GT	SCREW,SHC,M10X1.5X20MM (75090) (use with coupler 128004)	
4	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
5	70483GT	FORMING,8.5' MUFFLER MOUNT	2
6	6888GT	SCREW, HHC, 1/4-20 X 1	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	6091GT	NUT,NYLOCK,1/4-20	
9	6090GT	SCREW, HHC, 1/4-20 X .75	
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
11	102972GT	BELT GUARD W/DECAL PERKINS	1
11-	101624PGT	FORMING,BELT GUARD PAINTED	
12	101607PGT	ENGINE MOUNT,RF PAINTED	1
13	27584GT	SCREW,HHC,M12 X 35MM	
14	49410GT	WASHER, FLAT, M12	
15	101615PGT	BRACKET,FUEL PUMP PAINTED	1
16	8516GT	SCREW, HCC, 3/8-16 X 1.50	
17	6097GT	WASHER, FLAT, USS, 3/8", Y	
18	4828GT	NUT, NYLOCK, 3/8-16	
19	107546GT	STARTER MOTOR,PERKINS(804C-33)	1
20	101609GT	ENGINE MOUNT,RR	1
21	27584GT	SCREW,HHC,M12 X 35MM	
22	5397GT	WASHER, FLAT, USS, 5/16-18	
23	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC to SN 5944	1
23-	128004GT	COUPLER,15 TOOTH,FBA,SAE8*** from SN 5945	
24	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1

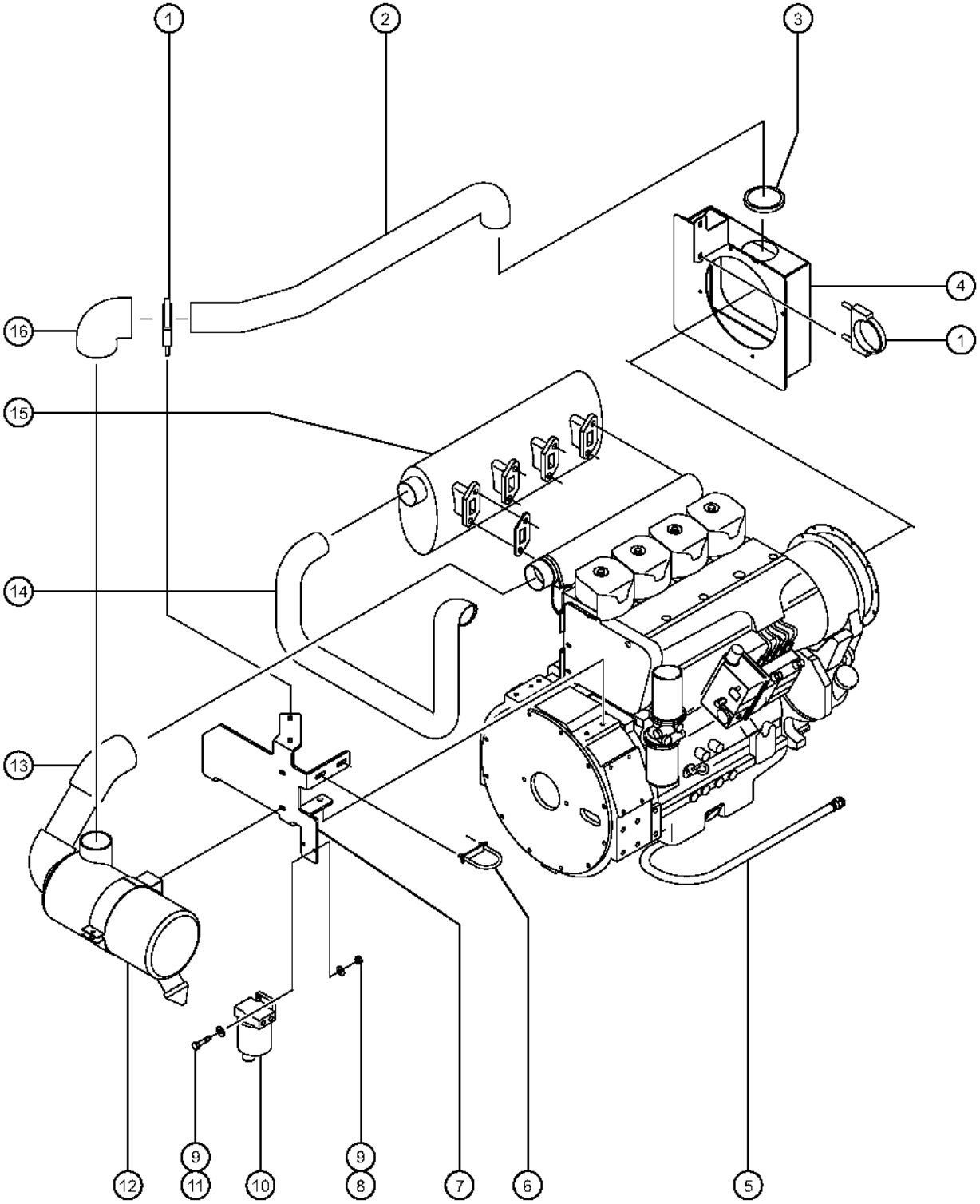
407.1 Perkins 804D-33 Engine - View 3 (from SN 3738)



407.1 Perkins 804D-33 Engine - View 3 (from SN 3738)

Item	*Part No.*	*Description*	*Qty.*
25	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
26	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
27	61781GT	CASTING,SAE 4 PUMP MOUNT,MACHI	1
28		Ref. Drive Pump Assembly (refer to 707.1)	
29		Ref. Function Pump (refer to 707.1)	

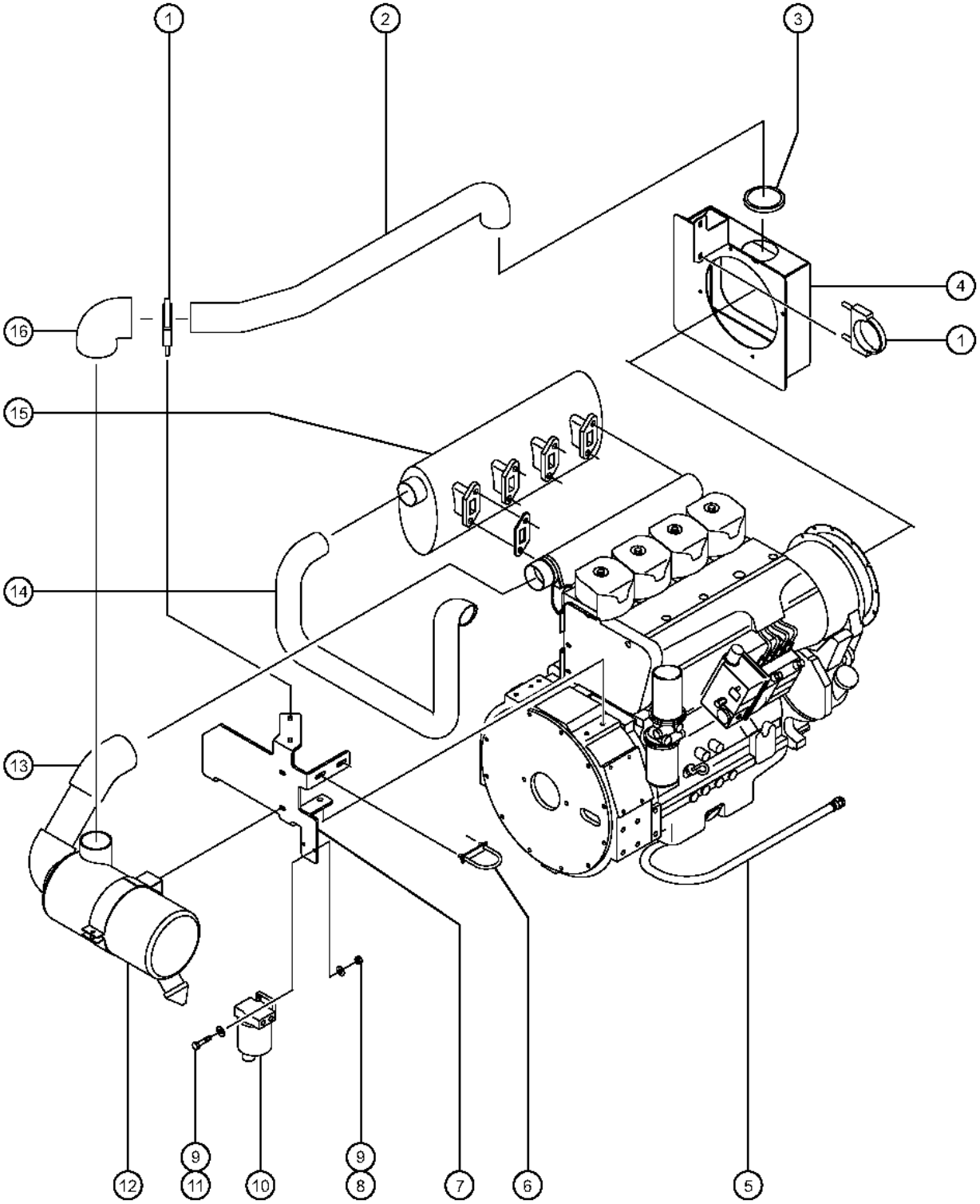
408.1 Deutz F4L-913 Engine - View 1 (to SN 3772)



408.1 Deutz F4L-913 Engine - View 1 (to SN 3772)

Item	Part No.	Description	Qty.
	81534GT	HARNESS,DEUTZ ENGINE,F4L913 to SN 3486	
	77956GT	HARNESS,DEUTZ ENGINE,913 from SN 3487 to SN 3772	
	81562GT	HARNESS,GND,BATT 1 TO BATT 2**	
	81534GT	HARNESS,DEUTZ ENGINE,F4L913	
1	61273GT	CLAMP-HEAVY DUTY	2
2	81469GT	TUBE,INLET,DEUTZ	1
3	44669GT	GROMMET,RUBBER 3 X .13 X 3.25	1
4	102978GT	INTAKE BOX W/DECAL DEUTZ T1S80	1
4-	81518GT	AIR INTAKE BOX BODY	
5	81782GT	HOSE ASSY,DEUTZ OIL DRAIN 1/2"	1
5-	81781GT	ADAPTER,DEUTZ OIL DRAIN	
5-	49213GT	HOSE END,BARBED,SWIVEL,JIC,8-8	
5-	63426GT	PLUG,070109-8	
6	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***	1
7	81471GT	BRACKET,AIR CLEANER/EXHAUST	1
8	6091GT	NUT,NYLOCK,1/4-20	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	81199GT	SEPARATOR/FILTER,FUEL-D,30MIC	1
10-	65853GT	FILTER,FUEL/WATER SEPARATOR***	
11	8915GT	SCREW, HHC, 1/4-20 X 1.25	
12	81467GT	AIR CLEANER,NELSON	1
12-	75450GT	AIR CLEANER CLIPS, SUPERBOOM for 81467	
12-	75451GT	AIR CLEANER COVER, SUPERBOOM* for 81467	
12-	52866GT	EVACUATOR VALVE-AIR CLEANER for 81467	
12-	62425GT	FILTER,AIR CLEANER, SUPERBOOM for 81467	
12-	81468GT	MOUNTING BAND,AIR CLEANER	
13	61270GT	ELBOW,45 DEG,INLET	1
13-	81906GT	TUBE,RD,ALUM 3 X .188	

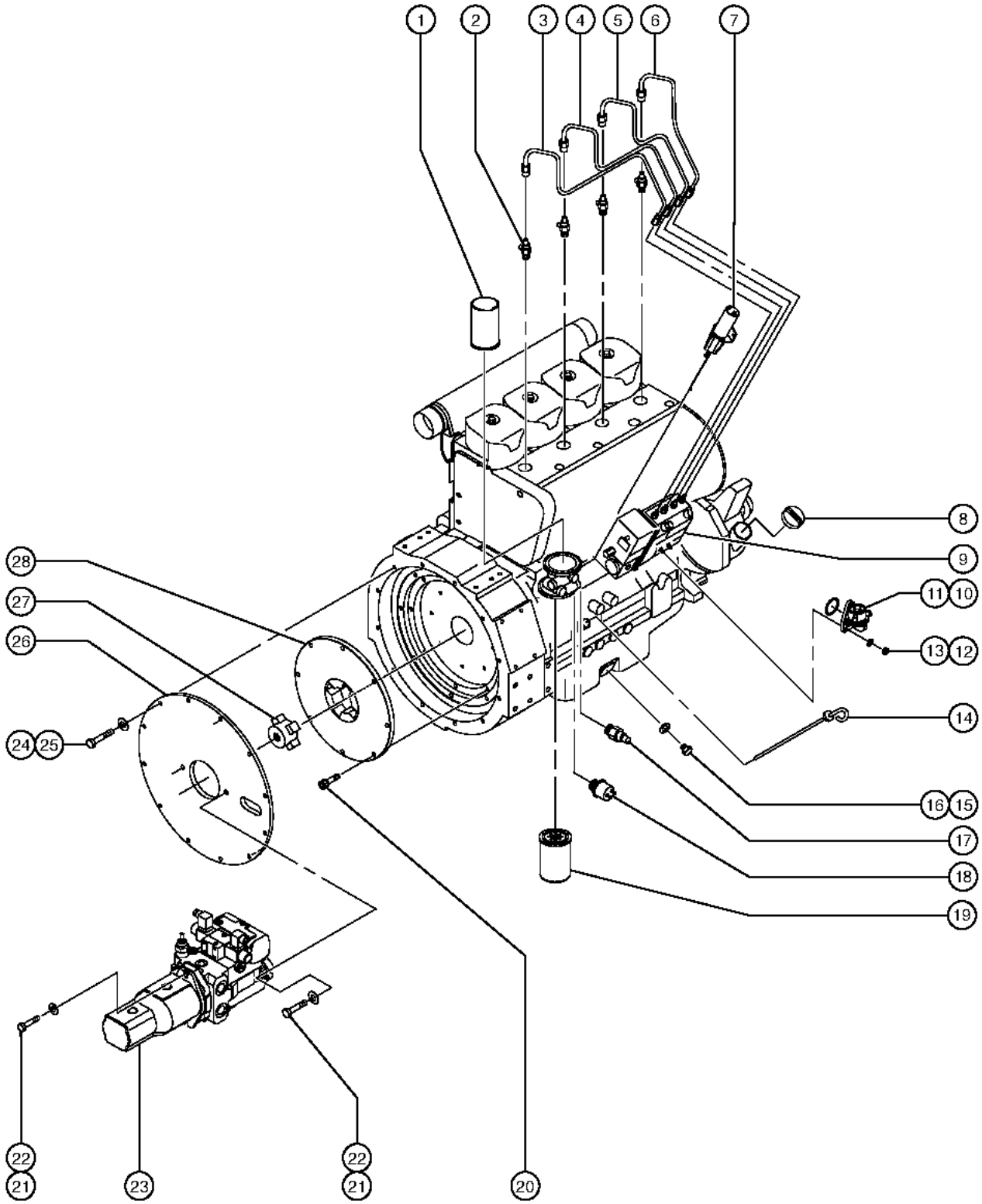
408.1 Deutz F4L-913 Engine - View 1 (to SN 3772)



408.1 Deutz F4L-913 Engine - View 1 (to SN 3772)

Item	*Part No.*	*Description*	*Qty.*
13-	60561GT	ELBOW,INLET,CUMMINS	
14	81470GT	TAILPIPE,DEUTZ 913 S80	1
15	75359GT	MUFFLER,DEUTZ,F4L913	1
15	75360GT	GASKET,EXAUST,DEUTZ F4L913	
15-	75000GT	MUFFLER,CATALYTIC,DEUTZ*F4L913	
16	60561GT	ELBOW,INLET,CUMMINS	1

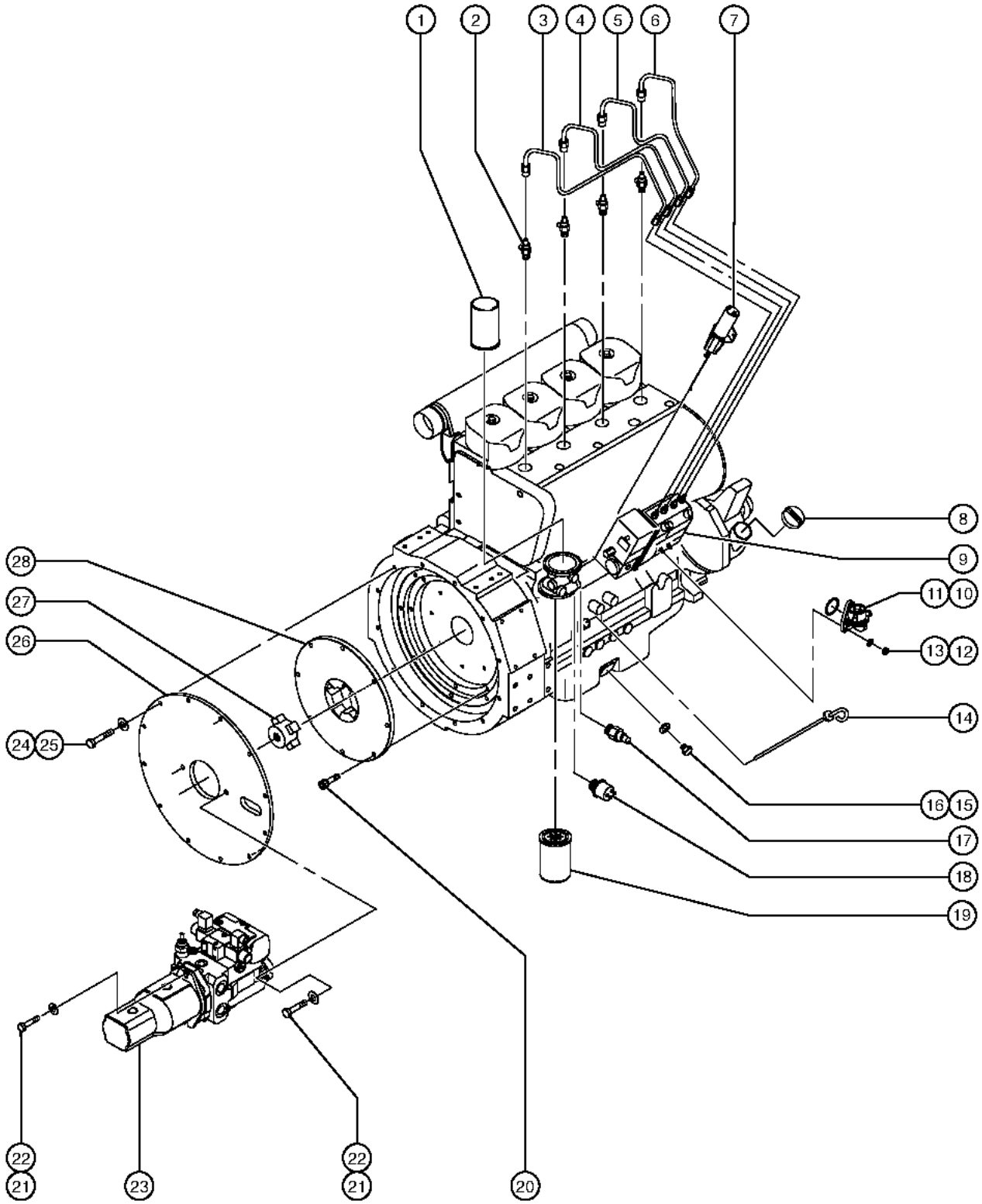
409.1 Deutz F4L-913 Engine - View 2 (to SN 3772)



409.1 Deutz F4L-913 Engine - View 2 (to SN 3772)

Item	Part No.	Description	Qty.
1	108543GT	FILTER / FUEL / SPIN-ON	1
1	58566GT	FILTER HEAD (29560) plastic	
2	75361GT	INJECTOR,FUEL,DEUTZ F4L913	4
2-	75378GT	SEAL,INJECTOR,DEUTZ F4L913	
3	75362GT	FUEL LINE,INJECT.1DEUTZ F4L913	1
4	75363GT	FUEL LINE,INJECT.2DEUTZ F4L913	1
5	75364GT	FUEL LINE,INJECT.3DEUTZ F4L913	1
6	75365GT	FUEL LINE,INJECT.4DEUTZ F4L913	1
7	75366GT	SOLENOID,SHUTDOWN DEUTZ F4L913	1
8	75369GT	CAP,OIL FILLER, DEUTZ F4L913 includes sealing ring; to SN 3772	1
8-	75377GT	O-RING,OIL FILLER (75369)	
9	75370GT	PUMP,FUEL INJECTN.DEUTZ F4L913 includes items 10-13; to SN 3772	1
9-	75371GT	O-RING,FUEL INJ.PUMP (75370)	
10	75367GT	PUMP,FUEL LIFT DEUTZ F4L913	1
11	72243GT	MOUNTING O-RING (75367)	1
12	75379GT	NUT,M6,FUEL PUMP,DEUTZ F4L913	
13	75380GT	WASHER,LOCK,M6,DEUTZ F4L913	
14	75372GT	DIPSTICK,DEUTZ F4L913 includes O-ring; to SN 3772	1
14-	75373GT	O-RING,DIPSTICK DEUTZ (75372)	
15	75374GT	PLUG,ENGINE OIL, DEUTZ F4L913	3
16	75375GT	WASHER,OIL DRAIN DEUTZ F4L913	3
17	72355GT	OIL TEMP SENSOR(60323)	1
18	75473GT	SENSOR,OIL PRS KIT,VDO0360-040	1
19	62430GT	FILTER,OIL, DEUTZ F4L913	1
20	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	8
21	8177GT	SCREW,HHC,1/2-13 X 1.5	
22	13066GT	WASHER,FLAT,.5 HARDENED	4
23		Ref. Drive Pump Assembly (refer to 707.1)	

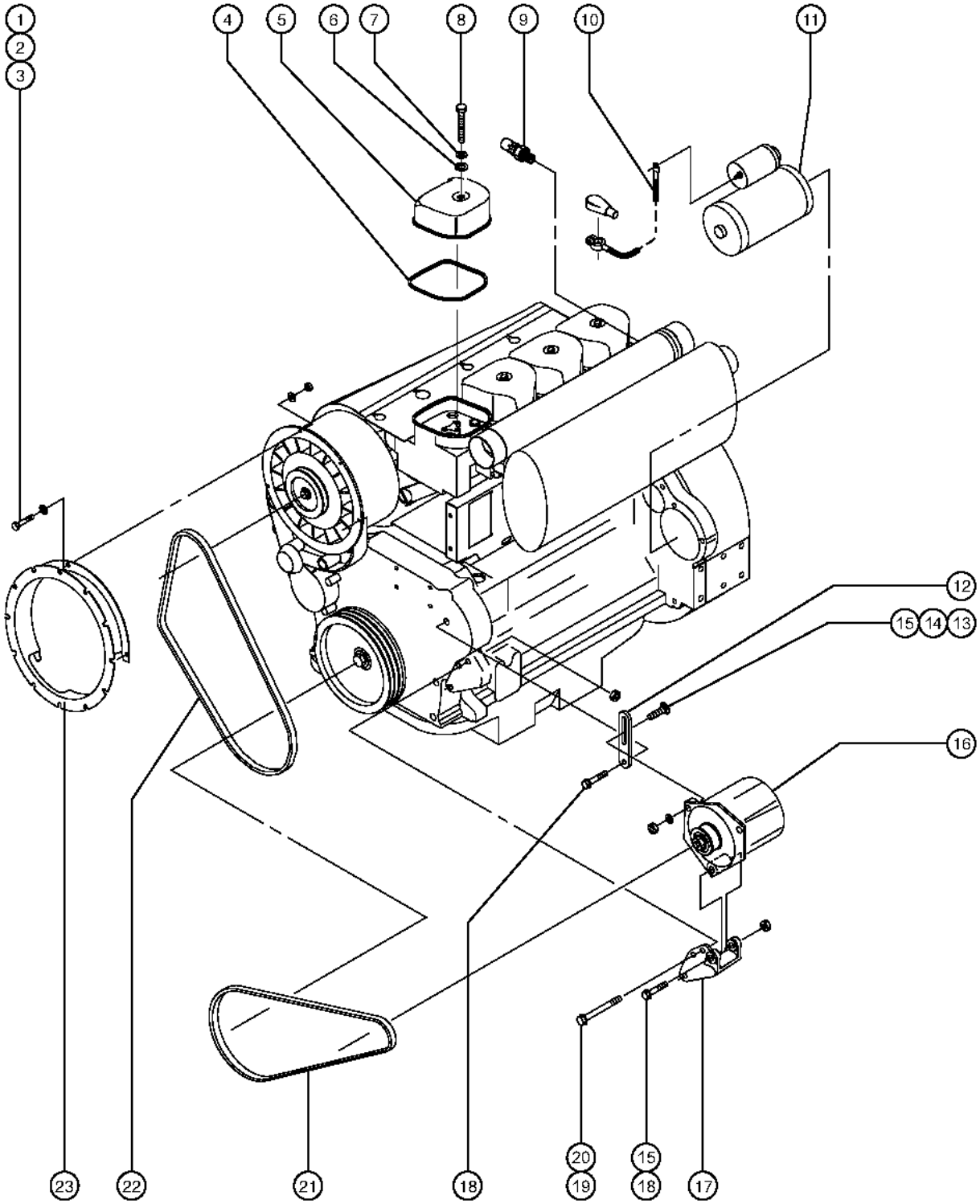
409.1 Deutz F4L-913 Engine - View 2 (to SN 3772)



409.1 Deutz F4L-913 Engine - View 2 (to SN 3772)

Item	*Part No.*	*Description*	*Qty.*
24	44064GT	SCREW,HHC,M10 X 30MM,	
25	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
26	63464PGT	PLATE, PUMP MOUNT, PAINTED***	1
27	81473GT	COUPLER,HUB,15 TOOTH DEUTZ 913	1
28	61078GT	FLYWHEEL DRIVE PLATE,SAE 10	1

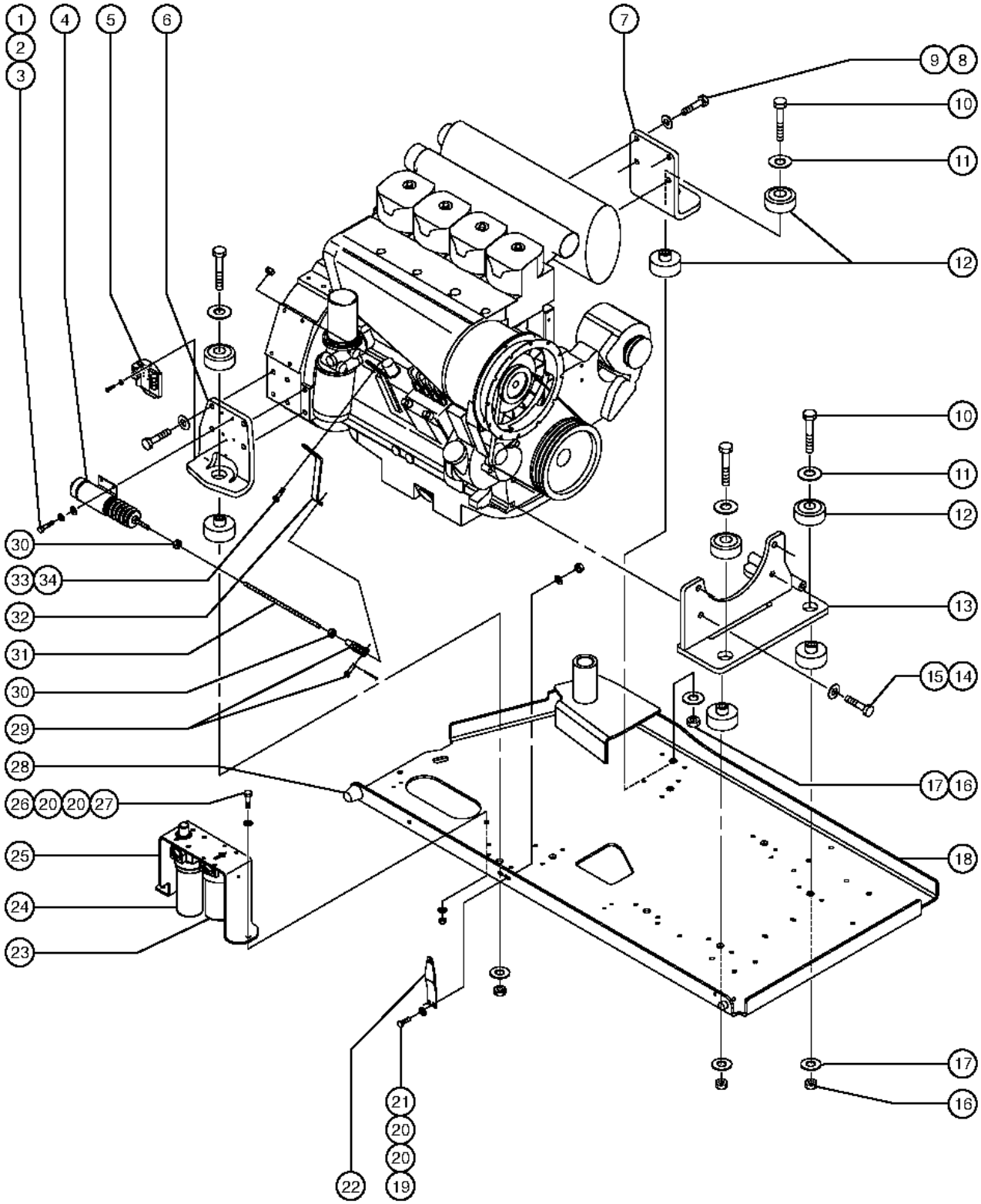
410.1 Deutz F4L-913 Engine - View 3 (to SN 3772)



410.1 Deutz F4L-913 Engine - View 3 (to SN 3772)

Item	Part No.	Description	Qty.
1	75381GT	SCREW,HHC,M6 X 1 X 20	
2	75382GT	WASHER,FLAT,M6,DEUTZ F4L913	
3	75383GT	NUT,M6,BLOWER,DEUTZ F4L913	
4	75384GT	GASKET,CYL.COVR. DEUTZ F4L913	4
5	75385GT	CYLINDER HEAD CVR.DEUTZ F4L913	4
6	75388GT	SEAL,CYL.HED.CVR.DEUTZ,F4L913	4
7	75387GT	WASHER,CYL.HED CVR.DEUTZF4L913	4
8	75386GT	SCREW,HHC,M8 X 1.25 X 30	
9	75389GT	GLOW PLUG,DEUTZ F4L913	1
9-	75390GT	SOLENOID,GLOW PLUG,DEUTZF4L913	
10	61318GT	BATTERY CABLE,POSITIVE DEUTZ	1
11	75391GT	STARTER, DEUTZ F4L913	1
11-	75392GT	SOLENOID,STARTER,DEUTZ F4L913	
12	75394GT	ALTERNATOR STAY,DEUTZ F4L913	1
13	75416GT	BOLT,CARRIAGE,M8X1.25X25,DEUTZ	
14	75417GT	WASHER,FLAT,M8 DEUTZ, F4L913	
15	75418GT	NUT,M8,ALTERNATOR,DEUTZ F4L913	
16	75393GT	ALTERNATOR, DEUTZ (55AMP) ***	1
16B	1274614GT	ALTERNATOR PULLEY	
17	75419GT	ALTERNATOR,STAY,DEUTZ,F4L913	1
18	75420GT	SCREW,HHC,M8 X 1.25 X 120	
19	75421GT	SCREW,HHC,M10 X 1.5 X 140	
20	75422GT	NUT,HEX,M10,ALTER.DEUTZ F4L913	1
21	62432GT	BELT,V, ALTERNATR.DEUTZ F4L913	1
22	62431GT	BELT,V, BLOWER, DEUTZ F4L913	1
23	75423GT	SHROUD,DEUTZ,AIR INTAKE	1

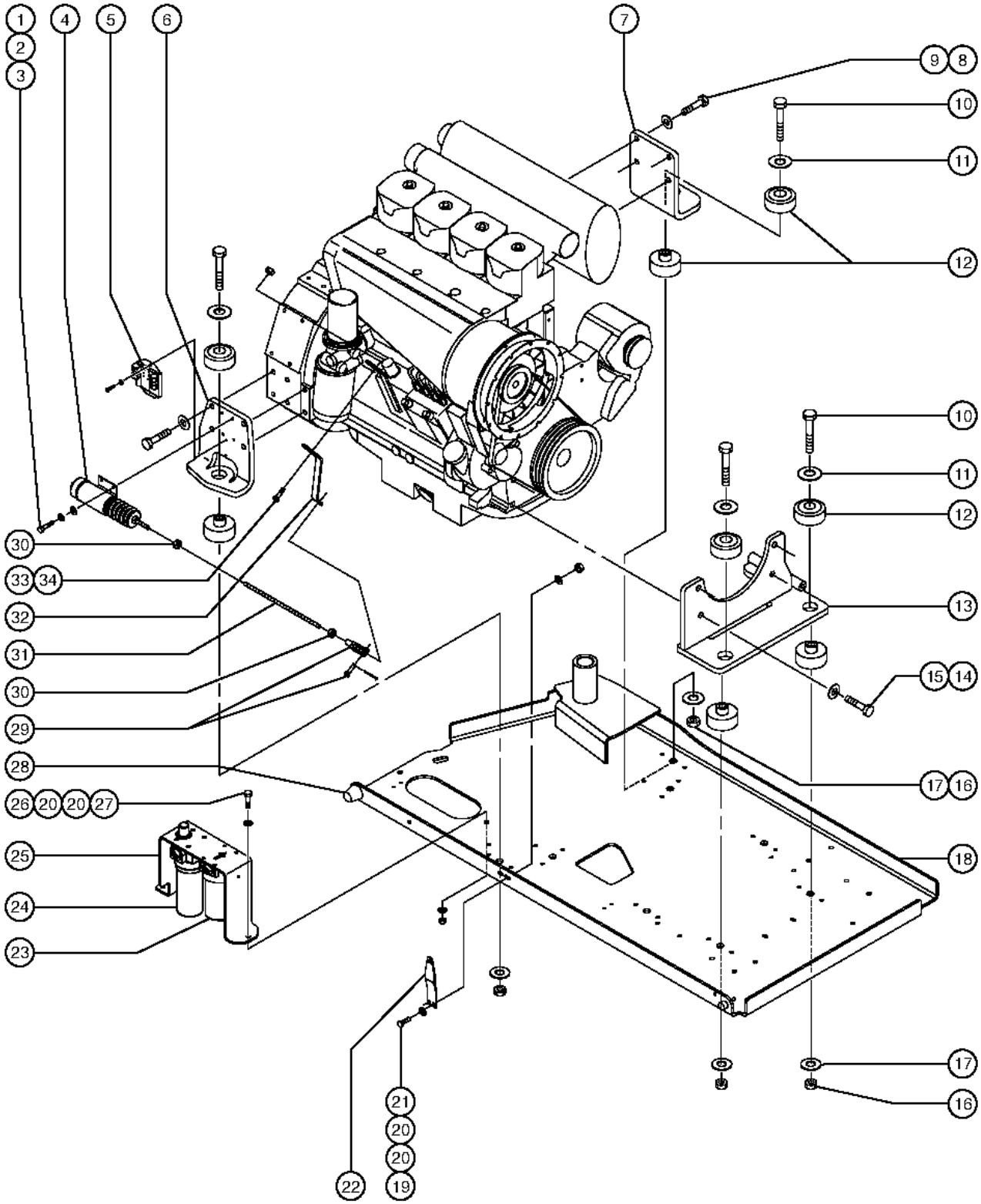
411.1 Deutz F4L-913 Engine - View 4 (to SN 3772)



411.1 Deutz F4L-913 Engine - View 4 (to SN 3772)

Item	Part No.	Description	Qty.
1	7339GT	SCREW,HHC,1/4-20 X .5	
2	6356GT	WASHER,LOCK,.25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	89998GT	KIT,SERVICE,SOLENOID MODULE	1
4-	52537GT	BOOT,SOLENOID,29073	
5	89997GT	RELAY MODULE(89996,89998)	1
6	81463PGT	ENGINE MOUNT,RR,DEUTZ 913 PNT	1
7	81462PGT	ENGINE MOUNT,LR,DEUTZ 913 PNT	1
8	60868GT	SCREW,HHC,M12 X 45	
9	49410GT	WASHER, FLAT, M12	
10	59746GT	SCREW,HHC,5/8-11 X 4.0*** for use with two-piece isolator	4
10A	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8 for use with one-piece isolator 102045	4
11	33418GT	WASHER,FLAT,.625 X 2.25 X.15	4
12		ISOLATOR, TWO-PIECE component no longer available	
12A	102045GT	ISOLATOR,ENGINE VIBRATION	4
12A	18596GT	WASHER,FLAT,1.56 X 2.5 X .061 for use with one-piece isolator 102045	8
13	81464PGT	ENGINE MOUNT,FRONT,DEUTZ PAINT	1
14	75398GT	SCREW,HHC,M14 X 2 X 100	
15	75399GT	WASHER,FLAT,M14,DEUTZ F4L913	
16	6024GT	NUT,NYLOCK,5/8-11	
17	6035GT	WASHER,FLAT,USS,5/8",Y	
18		Ref. Engine Pivot Tray Assembly with Bearings (refer to 423.1)	
19	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
20	5397GT	WASHER, FLAT, USS, 5/16-18	
21	6782GT	NUT, NYLOCK, 5/16-18	
22	49535PGT	PLATE,LATCH,BLUE,PAINTED ***	1
23		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
23-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	

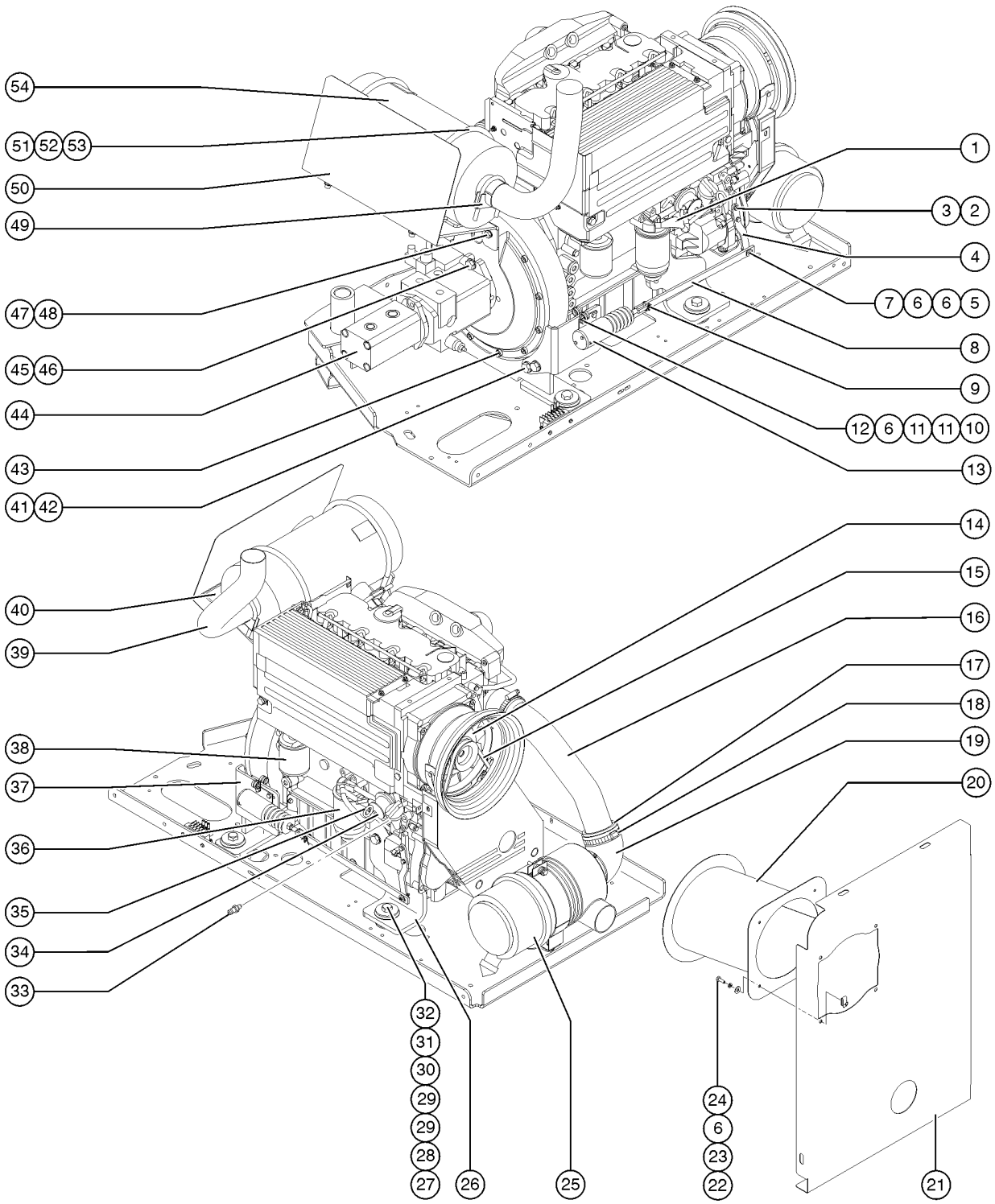
411.1 Deutz F4L-913 Engine - View 4 (to SN 3772)



411.1 Deutz F4L-913 Engine - View 4 (to SN 3772)

Item	Part No.	Description	Qty.
23A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
23A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
24	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
24-	58222GT	O-RING,FILTER ASSY (60334)***	
24-	58223GT	SEAL,FILTER ASSY (60334)***	
24-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
25	81005GT	BRACKET,FILTER MOUNT	1
26	6175GT	SCREW,HHC,3/8-16 X 1	
27	7713GT	NUT, LP NYLOCK, 3/8-16	
28	30973GT	BUMPER,RUBBER-1 X 1.25	1
29	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin; to SN 3772	1
30	21496GT	NUT,HEX,1/4-28	
31	30785-1000GT	THREADED ROD,1/4-28 X 10 IN***	1
32	75082-SGT	FORMING,THROTTLE ARM DEUTZ	1
33	6090GT	SCREW, HHC, 1/4-20 X .75	
34	6889GT	NUT,LP NYLOCK,1/4-20	

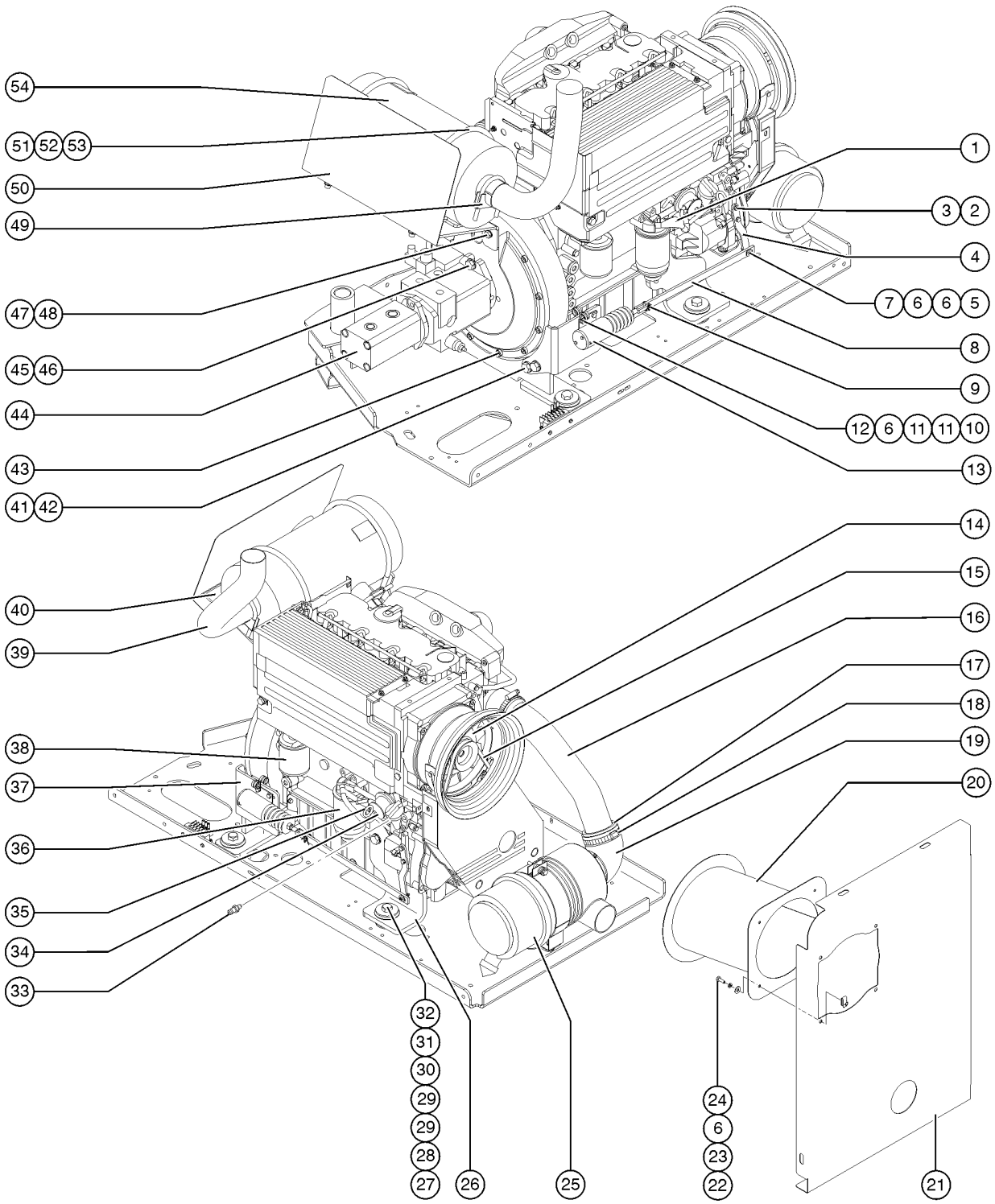
412.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 1 (from SN 3773)



412.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 1 (from SN 3773)

Item	Part No.	Description	Qty.
B-	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (includes o-ring)	
C-	101895GT	HARNESS,DEUTZ ENGINE,BF4L2011 to SN 5488	
D-	122050GT	HARNESS,DEUTZ ENGINE,BF4L2011 from SN 5489	
E-	102417GT	HARNESS,DEUTZ TIMER MOD S80	
F-	102406GT	MODULE,TIME DELAY ON BRK 30S from SN 4078	
G-	139983GT	EXHAUST PIPE GASKET from SN 6769	
H-	101638GT	OPTION, SPARK ARREST	
I-	61225GT	RELAY,12VDC,70AMP,SEALED from SN 5019	2
J-	61226GT	RELAY SOCKET,70AMP from SN 5019	2
K	31408GT	GLOW PLUG,L1011	
1	111668GT	PUMP,FUEL 2011 DEUTZ *** comes with hand priming pump, includes o-ring 111402	1
1-	111402GT	O-RING, FUEL LIFT PUMP	
2	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	
3	49407GT	WASHER,LOCK,M6	
4	70479PGT	FORMING,THROTTLE ARM PAINTED to SN 7173	
4-	50787-SGT	LEVER, GOVERNOR ACTUATOR from SN 7174	1
5	6584GT	SCREW,SHS,10-24 X .625	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	5365GT	NUT,NYLOCK,10-24	1
8	88512GT	THROTTLE LINK,DSL*** to SN 7173	
8-	139322GT	THROTTLE LINKAGE, DSL from SN 7174	1
9	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	
10	6888GT	SCREW, HHC, 1/4-20 X 1	
11	16073GT	CLAMP,0.63,#10 X 1/4,RUB CUSH	2
12	6091GT	NUT,NYLOCK,1/4-20	
13	89998GT	KIT,SERVICE,SOLENOID MODULE	1
13-	89997GT	RELAY MODULE(89996,89998)	
14	58249GT	ALTERNATOR, DEUTZ,BF4L2011***	1

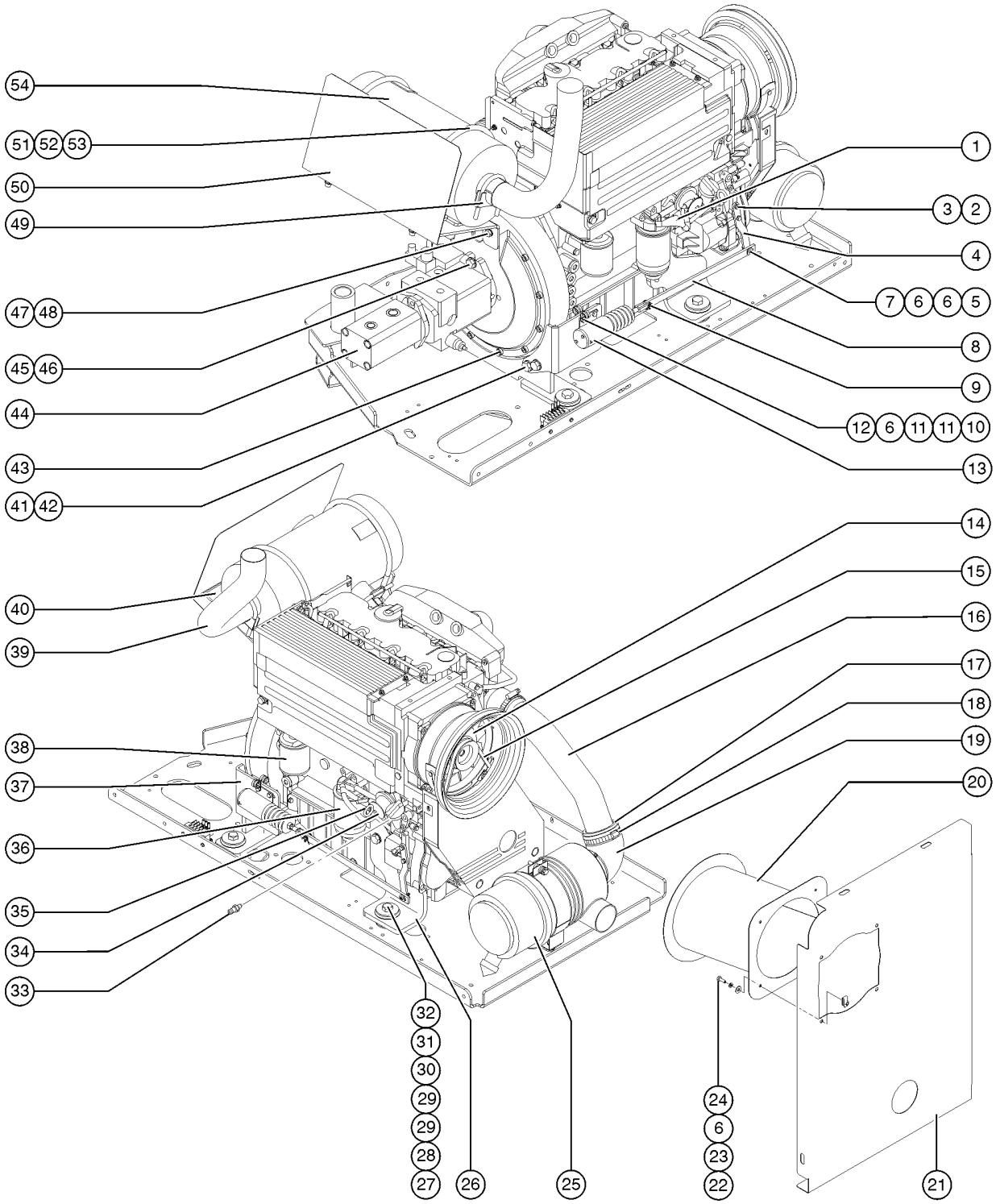
412.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 1 (from SN 3773)



412.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 1 (from SN 3773)

Item	Part No.	Description	Qty.
14-	1280590GT	PULLEY,ALTERNATOR,DEUTZ BF4L2011 for 58249	
14-	1280591GT	SPACER,ALT PULLEY,DEUTZ BF4L2011 for 58249	
15	102589GT	V-BELT, DEUTZ F4L2011 to SN 6768	1
15-	58630GT	V-BELT, DEUTZ TD2011LOAI from SN 6769	
16	102227GT	TUBE,AIR INTAKE	1
17	88064GT	REDUCER,3" TO 2.75"	1
18	30489GT	CLAMP,HOSE,3.50	4
19	139455GT	ELBOW,AIR INTAKE,RUBBER	1
20A	102979GT	INTAKE BOX W/DECAL DEUTZ T2S80 to SN 6768	
20B	122629GT	DEUTZ AIRBOX WITH WORD DECAL from SN 6769	1
21	102226PGT	FORMING,INTAKE BAFFLE PAINTED to SN 6768	1
21-	122585GT	FORMING,INTAKE BAFFLE,DEUTZ from SN 6769	
22	6175GT	SCREW,HHC,3/8-16 X 1 to SN 6768	
22-	6090GT	SCREW, HHC, 1/4-20 X .75 from SN 6769	
23	5397GT	WASHER, FLAT, USS, 5/16-18 to SN 6768	
23-	6356GT	WASHER,LOCK,.25 from SN 6769	
24	4828GT	NUT, NYLOCK, 3/8-16 to SN 6768	
24-	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG from SN 6769	
25	81467GT	AIR CLEANER,NELSON	1
25-	75450GT	AIR CLEANER CLIPS, SUPERBOOM for 81467	
25-	75451GT	AIR CLEANER COVER, SUPERBOOM* for 81467	
25-	52866GT	EVACUATOR VALVE-AIR CLEANER for 81467	
25-	62425GT	FILTER,AIR CLEANER, SUPERBOOM for 81467	
25-	81468GT	MOUNTING BAND,AIR CLEANER	
26	70455PGT	FORMING,ENGINE MOUNT PAINTED	1
27	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	6
28	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
29	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	

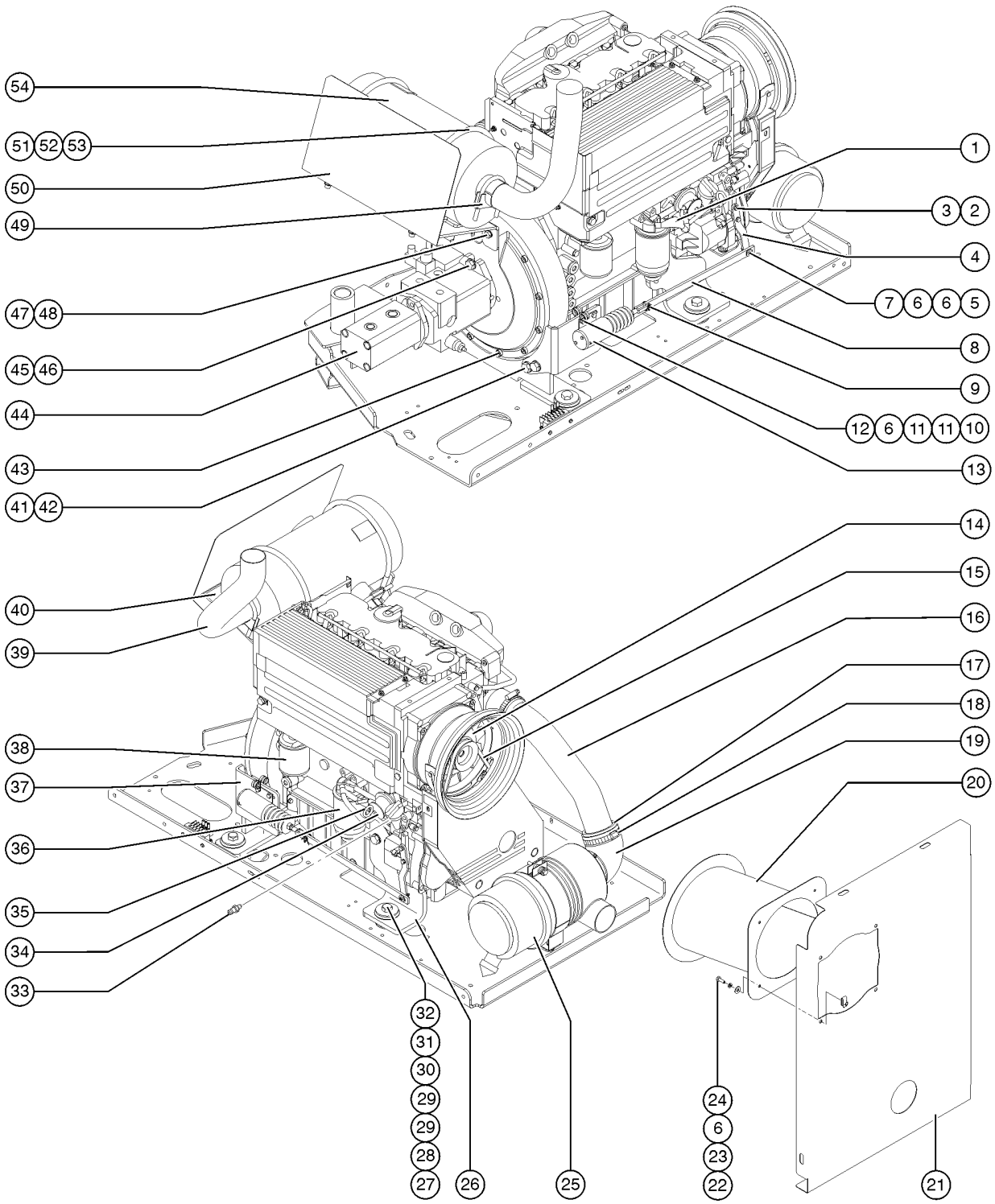
412.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 1 (from SN 3773)



412.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 1 (from SN 3773)

Item	Part No.	Description	Qty.
30	102045GT	ISOLATOR,ENGINE VIBRATION	6
31	13064GT	WASHER,FLAT,.625 HARDENED	4
32	6024GT	NUT,NYLOCK,5/8-11	
33	139624GT	SWITCH, OIL PRESSURE 1.5 BAR	
33-	139666GT	KIT,OP SWITCH,DEUTZ (oil pressure kit for models with ALC-500 control system. replaces 65765. includes item 139624 and instructions)	
34	58299GT	SENDING UNIT,OIL PRESS.,DEUTZ*	1
35	49922GT	DIPSTICK - DEUTZ F4L1011F to SN 6537	1
35-	102585GT	O-RING,DIPSTICK,DEUTZ F4L2011 use with item 49922; to SN 6537	
35-	52352GT	DIPSTICK-F3L1011F (DEUTZ) from SN 6538	
36	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
36-	58566GT	FILTER HEAD (29560)	
36-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
37	70478GT	FORMING,SOLENOID MOUNT to SN 7173	1
37-	139321GT	FORMING, SOLENOID MOUNT*** from SN 7174	1
38	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
38-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1
39	70465GT	TAILPIPE,DEUTZ BF4L2011	1
40	70448PGT	FORMING,MUFFLER MOUNT	1
41	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	
42	49411GT	WASHER,FLAT,M14	
43	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	9
44		Ref. Drive Pump (refer to 707.1)	
44-		Ref. Function Pump (refer to 707.1) (refer to 707.1)	
45	8177GT	SCREW,HHC,1/2-13 X 1.5	
46	13066GT	WASHER,FLAT,.5 HARDENED	
47	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8	
48	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
49	71911GT	CLAMP,MUFFLER, 2.50 INCH	2

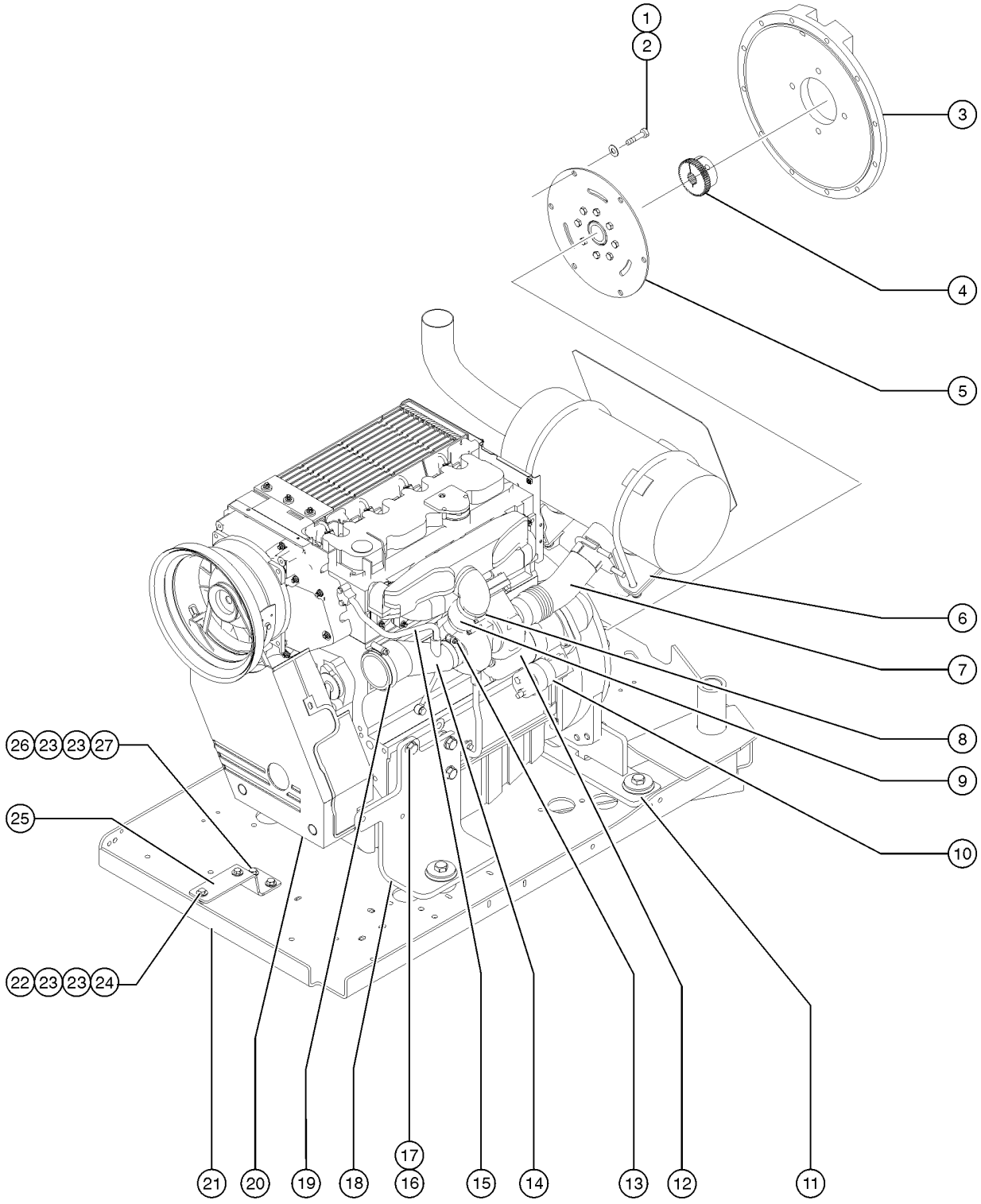
412.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 1 (from SN 3773)



412.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 1 (from SN 3773)

Item	*Part No.*	*Description*	*Qty.*
50	102237PGT	FORMING,HEAT SHIELD,MUFFLER	1
51	70449GT	U-BOLT,1/2-13 X 8.5	2
52	13066GT	WASHER,FLAT,.5 HARDENED	
53	66777GT	NUT,TOP LOCK,1/2-13	
54	70444GT	MUFFLER,2.5"INLET/OUTLET	1
54-	101633GT	MUFFLER,SPARK ARREST,2.5 I/O (spark arrest option)	
54-	101634GT	MUFFLER,CATALYTIC,2.5 I/O (scrubber option)	

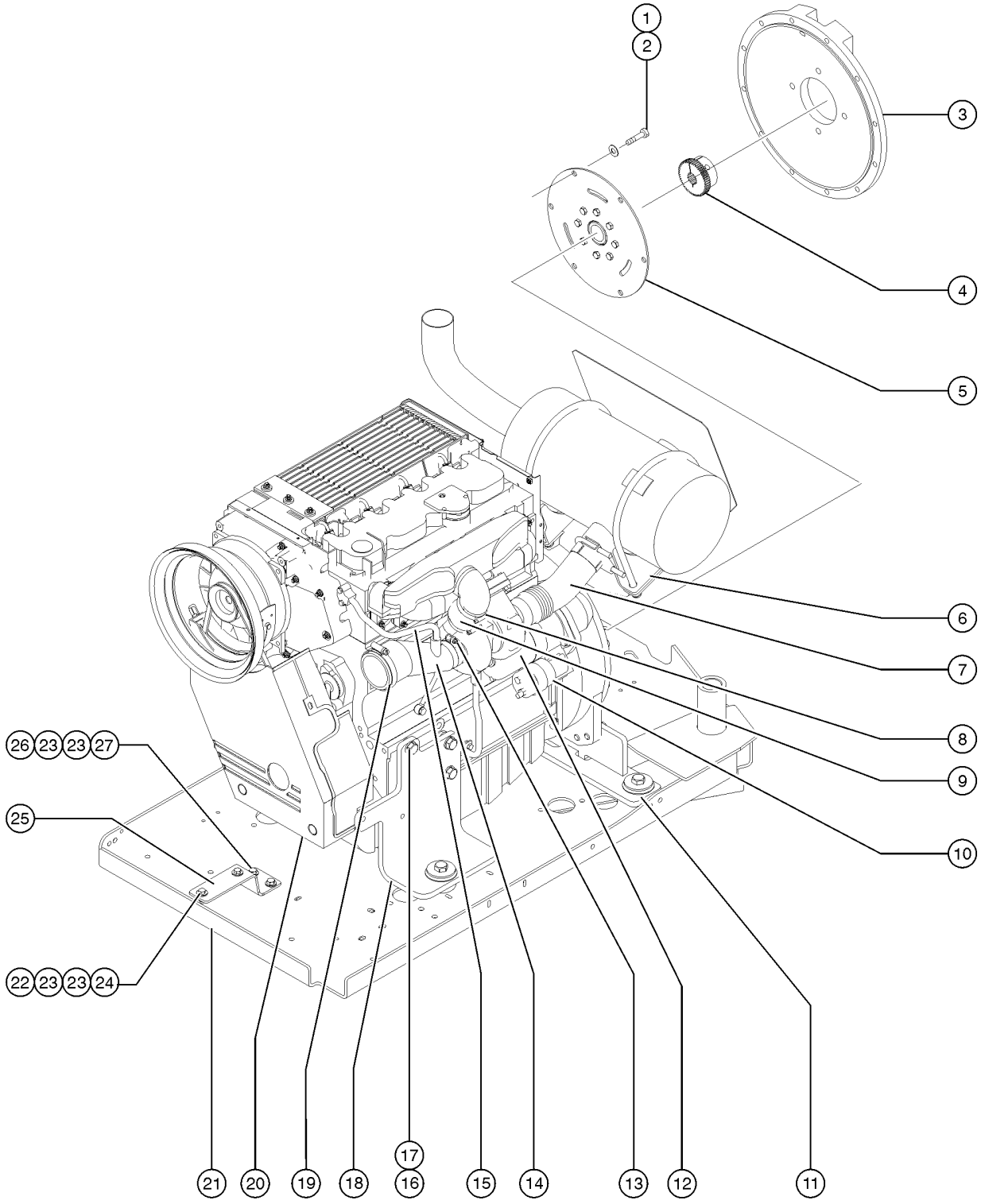
413.1 Deutz BF4L-2011 / TD2011-L014i Engine - View 2 (from SN 3773)



413.1 Deutz BF4L-2011 / TD2011-L014i Engine - View 2 (from SN 3773)

Item	Part No.	Description	Qty.
A-	102581GT	PUMP,FUEL INJ,DEUTZ BF4L20 class A injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
B-	T108732GT	PUMP,FUEL INJ,DEUTZ BF4L20 class B injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
C-	T108733GT	PUMP,FUEL INJ,DEUTZ BF4L20 class C injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
D-	T108734GT	PUMP,FUEL INJ,DEUTZ BF4L20 class D injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
E-	128023GT	KIT,FBA STYLE COUPLER,SAE8 (replaces the Flex Plate and Pump Coupler)	
1	44064GT	SCREW,HHC,M10 X 30MM, (use with Flex Plate 33024)	
1-	62476GT	SCREW,SHC,M10X1.5X20MM (75090) (use with Coupler 128004)	
2	22699GT	WASHER, FLAT, M10, ZINC PLTD. (use with Flex Plate 33024)	
3	70381GT	COVER,FLYWHEEL CASTING	1
4	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT* to SN 5940	1
5	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC to SN 5940	
5-	128004GT	COUPLER,15 TOOTH,FBA,SAE8*** from SN 5941	1
6	70483GT	FORMING,8.5' MUFFLER MOUNT	2
7	70445GT	FLEX PIPE,EXHAUST,2.5" DIA	1
7B	71911GT	CLAMP,MUFFLER, 2.50 INCH	
7B	139983GT	EXHAUST PIPE GASKET	
8	102593GT	CLAMP, 3 INCH	
9	226106GT	RUBBER SLEEVES, TD 2011L041	
10	49915GT	SOLENOID-STARTR DEUTZF4L1011F*	1
11	70456PGT	WELDMENT,REAR ENGINE MOUNT	1
12	139709GT	STARTER, 12V	1
12-	139621GT	KIT, HEAT GUARD, DEUTZ STARTER	
13	30971GT	CLAMP,HOSE,3.00"	1
14	226103GT	INLET REDUCER,TD 2011L04I	1
15	226104GT	BREATHER PIPE, TD 2011L04I	1
15-	226105GT	GASKET,BREATHER PIPE (226104)	
16	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	

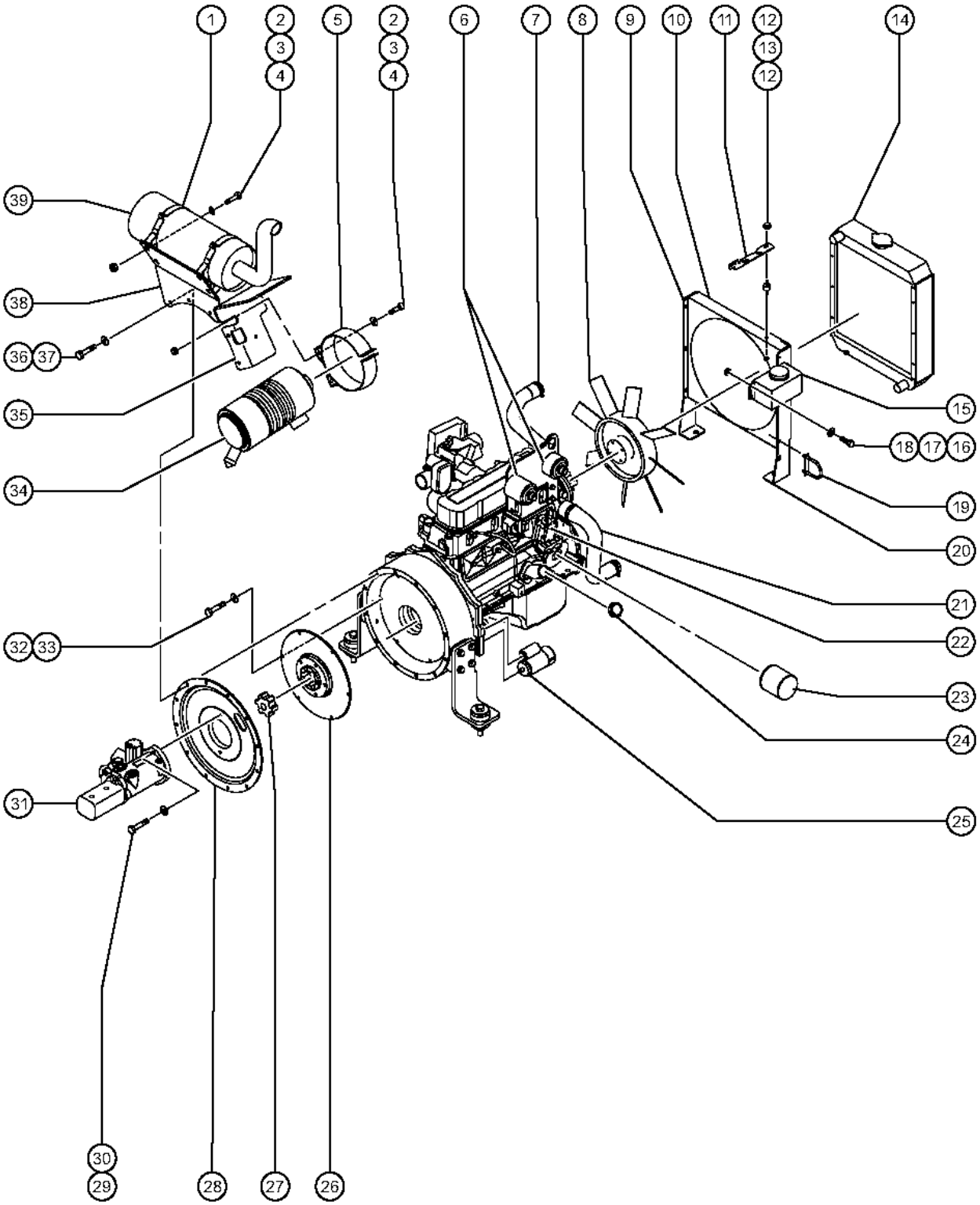
413.1 Deutz BF4L-2011 / TD2011-L014i Engine - View 2 (from SN 3773)



413.1 Deutz BF4L-2011 / TD2011-L014i Engine - View 2 (from SN 3773)

Item	*Part No.*	*Description*	*Qty.*
17	49411GT	WASHER,FLAT,M14	
18	70454GT	FORMING,ENGINE MOUNT	1
19	30489GT	CLAMP,HOSE,3.50	
20	146061GT	V-BELT GUARD, DEUTZ 2011	1
21		Ref. Engine Pivot Tray Assembly (refer to 423.1)	
22	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
23	5397GT	WASHER, FLAT, USS, 5/16-18	
24	6782GT	NUT, NYLOCK, 5/16-18	
25	102209PGT	FORMING,AIR CLEANER MOUNT PNTD	
26	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
27	4828GT	NUT, NYLOCK, 3/8-16	

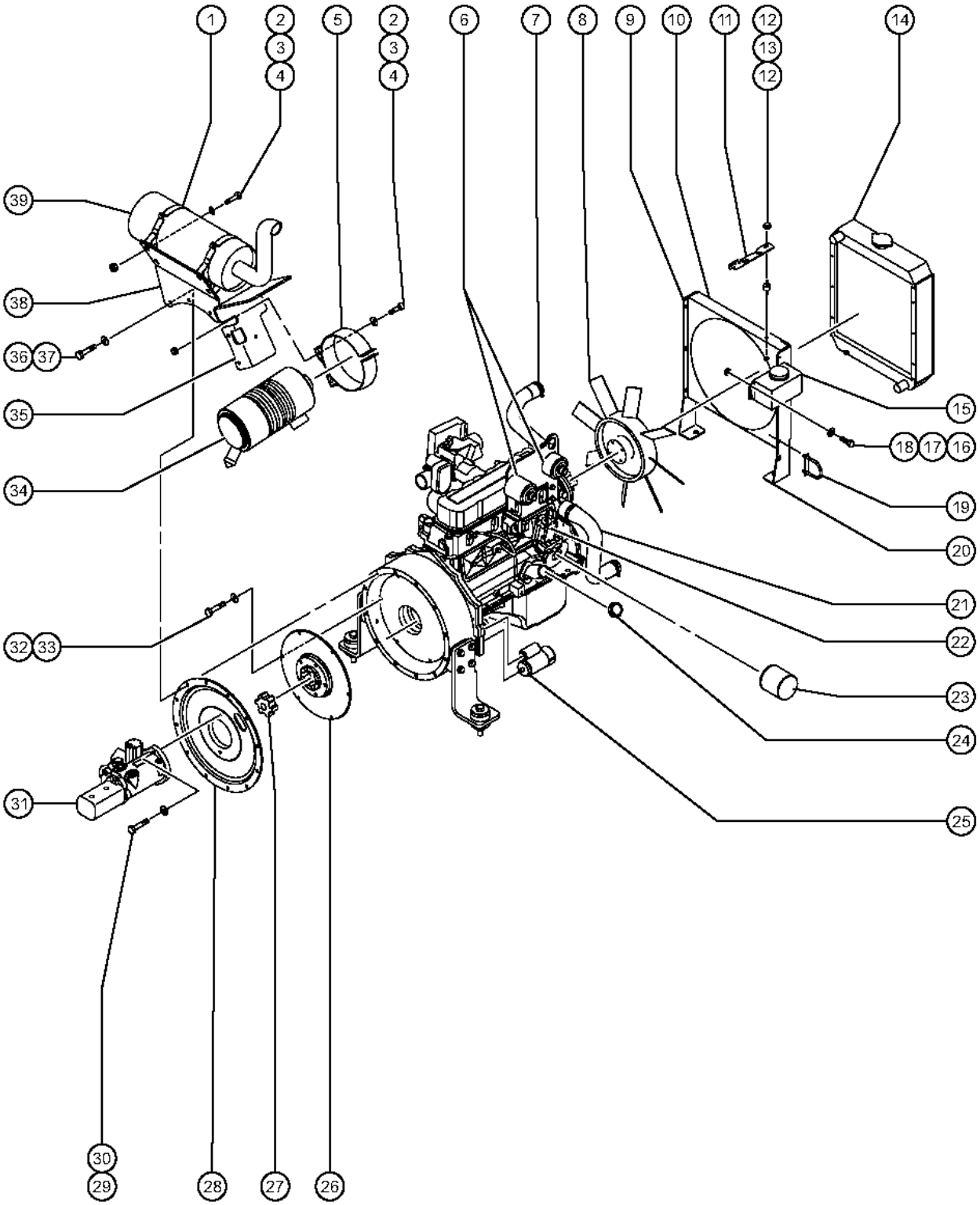
414.1 GM 3.0L ELI Engine - View 1



414.1 GM 3.0L ELI Engine - View 1

Item	Part No.	Description	Qty.
	58370GT	MAGNETIC SPEED SENSOR,GM 3.0	
	58386GT	GM 3.0, LP REGULATOR	
	58412GT	SPARK PLUG WIRE SET,GM 3.0	
	65622GT	SPARK PLUG-GM 3.0L ENGINE	
	58413GT	COIL WIRE,GM 3.0	
	65620GT	PCV VALVE-GM 3.0L ENGINE	
	77551GT	COIL-IGNITION/GM 3.0L ENGINE	
	65626GT	FILTER-FUEL, GM 3.0L ENGINE	
	65627GT	FILTER-LPG, GM ENGINE	
	77536GT	PUMP,FUEL GM 3.0 ENG. C282-238	
	81837GT	FREEZE PLUG HEATER,GM 3.0L	
	77850GT	OIL PRESSURE SWITCH GM 3.0L	
1	53952GT	BRKT,AIR CLEANER ORIENTATION**	2
2	13000GT	SCREW,HHC,5/16-18 X 1.25	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	6782GT	NUT, NYLOCK, 5/16-18	
5	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
6	88451GT	THROTTLE ACTUATOR*(BOSCH)	1
6-	83135GT	VAPORIZER REGULATOR PRIM 16.5	
6-	146057GT	LPG REGULATOR (GM 3.0L)	
7	81424GT	RADIATOR HOSE,UPPER-GM	1
7-	13014GT	CLAMP,HOSE,2.25" DIA.	
8	77821GT	FAN KIT ,GM 3.0 ENGINE	1
8-	65621GT	BELT-FAN, GM 3.0L ENGINE	
9	81731PGT	RADIATOR MOUNT,INBOARD,PAINTED	1
10	81877PGT	SHROUD,RADIATOR,GM,PAINTED	1
11	81861PGT	BRACKET,RADIATOR SUPPORT PAINT	1
12	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	

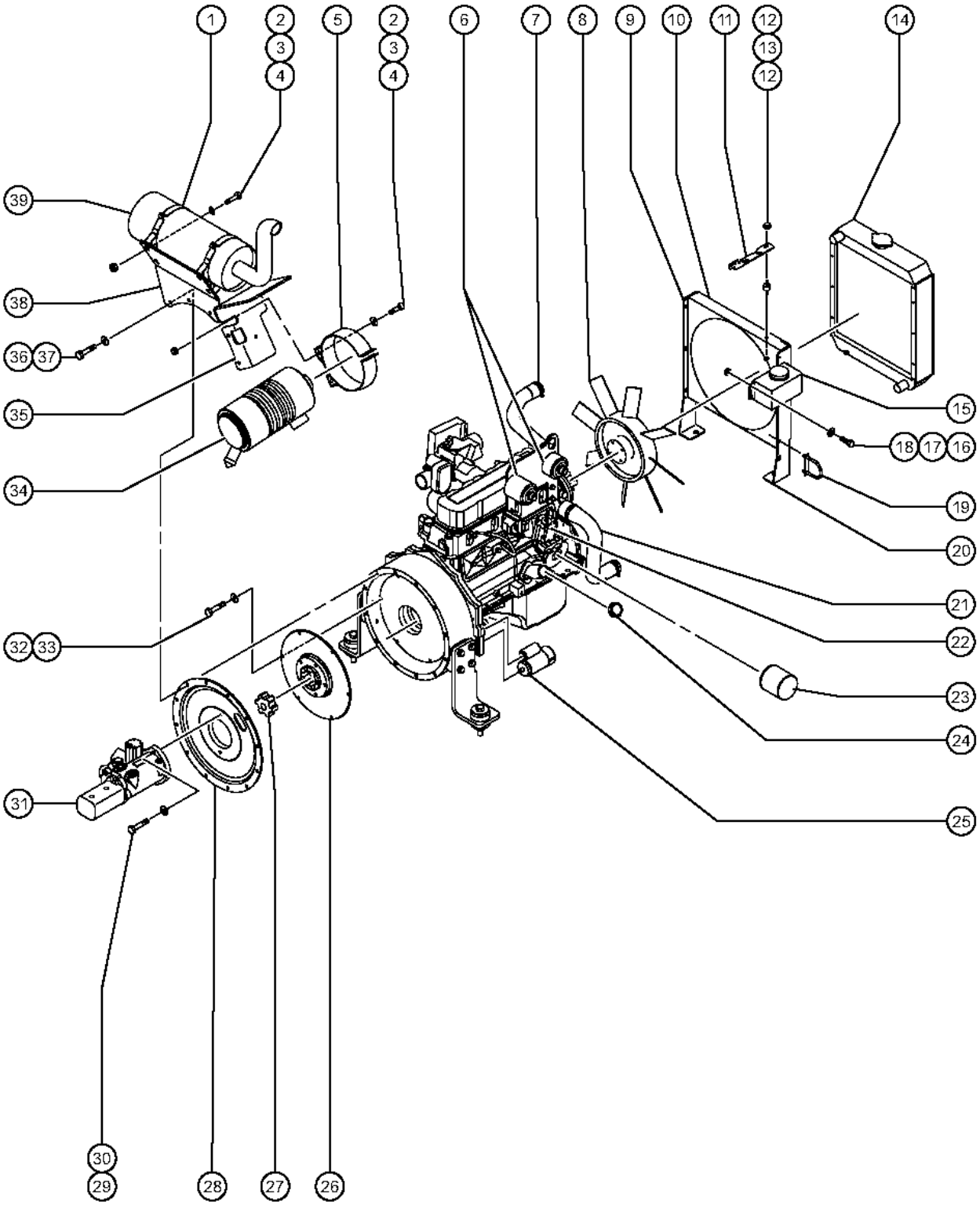
414.1 GM 3.0L ELI Engine - View 1



414.1 GM 3.0L ELI Engine - View 1

Item	Part No.	Description	Qty.
13	219437GT	ISOLATOR,VIBRATION	1
14	63462GT	RADIATOR,PERKINS,GM	1
14-	65473GT	CAP,RADIATOR,PERKINS/FORD	
14-	84148GT	ENGINE COOLANT TEMP SENSOR GM	
14-	77542GT	GASKET,WATER OUTLET/GM 3.0L	
14-	77541GT	THERMOSTAT-ENG TEMP/GM3.0L replaced by 1272070GT	
14-	1272070GT	THERMOSTAT, GM3.0L ENG	
14-	77545GT	GASKET-THERMOSTAT/GM 3.0L ENGI replaced by 1284626GT	
14-	1284626GT	GASKET,T/S HSG,GM 3.0L ENG	
14-	94902GT	SENSOR COOLANT TEMP	
15	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
15-	72327GT	CAP, COOLANT RET SYS(54071)	
16	6090GT	SCREW, HHC, 1/4-20 X .75	
17	6638GT	WASHER, FLAT, USS, 1/4"Y	
18	6091GT	NUT,NYLOCK,1/4-20	
19	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***	1
20	111352GT	GM OUTBOARD RADIATOR MT W/DECA	1
20-	81732PGT	RADIATOR MOUNT,OUTBOARD,PAINTD	
21	81425GT	RADIATOR HOSE,LOWER-GM	1
21-	13014GT	CLAMP,HOSE,2.25" DIA.	
22	77550GT	DISTRIBUTOR/GM 3.0L ENGINE	1
22-	65624GT	CAP-DISTRIBUTOR, GM 3.0L	
22-	65625GT	ROTOR-DISTRIBUTOR, GM 3.0L	
23	65623GT	FILTER-OIL,GM 3.0L ENGINE	1
23-	88100GT	ADAPTER,OIL DRAIN,GM 3.0L	
24	77540GT	CAP,OIL FILLER	1
25	83048GT	STARTER,GM 3.0L	1
26	81426GT	FLYWHEEL FLANGE,AUTO STYLE GM	1

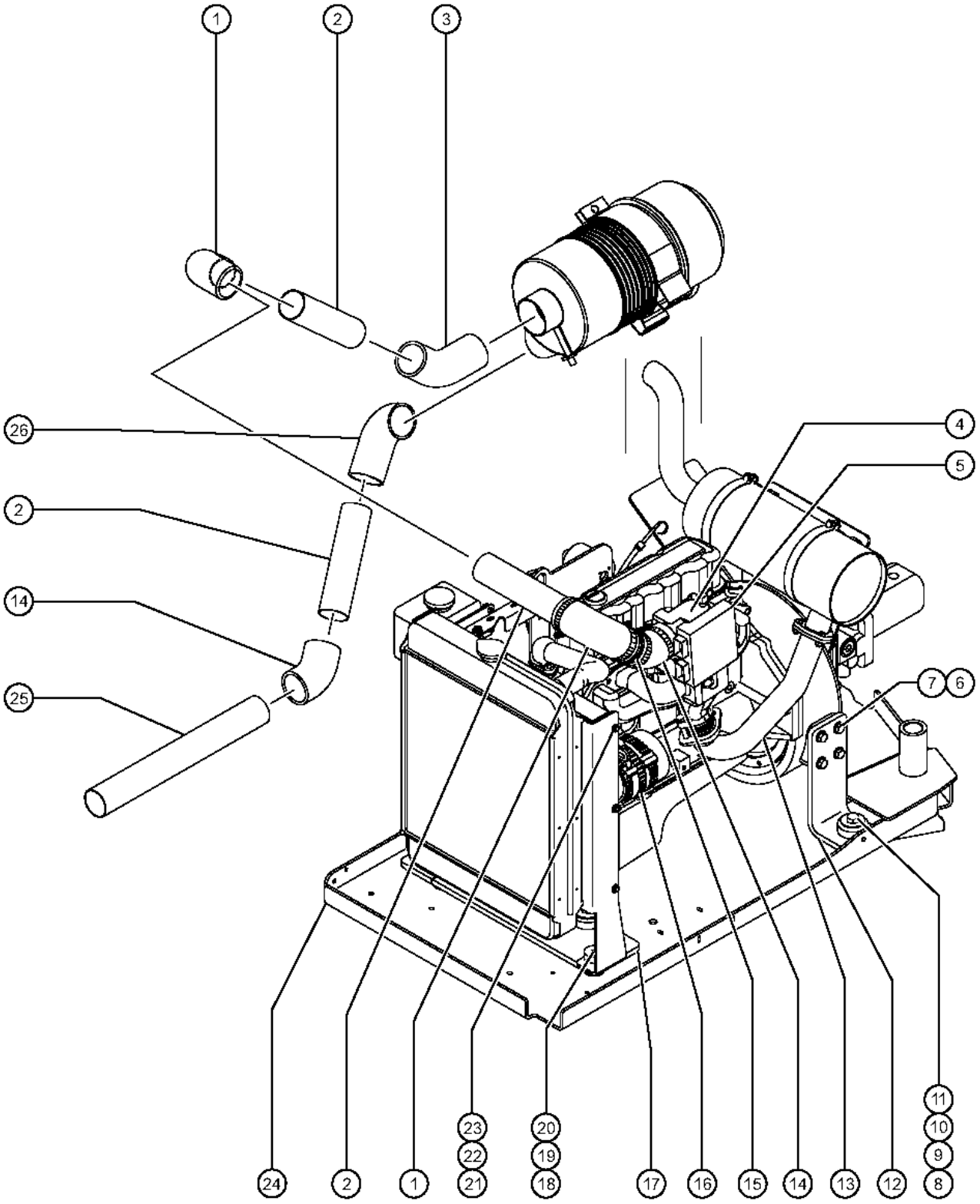
414.1 GM 3.0L ELI Engine - View 1



414.1 GM 3.0L ELI Engine - View 1

Item	Part No.	Description	Qty.
27	81427GT	COUPLER,HUB,6 TOOTH GM 3.0L	1
28	61781GT	CASTING,SAE 4 PUMP MOUNT,MACHI	1
29	8177GT	SCREW,HHC,1/2-13 X 1.5	
30	13066GT	WASHER,FLAT,.5 HARDENED	
31		Ref. Drive Pump Assembly (refer to 709.1)	
32	6175GT	SCREW,HHC,3/8-16 X 1	
33	6021GT	WASHER, LOCK, .375	
34	63463GT	AIR CLEANER,NELSON***	1
34-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
34-	62420GT	FILTER, AIR D2.9L4	
34-	65810GT	BAFFLE, AIR CLEANER (27915)**	
34-	52866GT	EVACUATOR VALVE-AIR CLEANER	
35	81703PGT	BRACKET,AIR CLEANER,PAINTED	1
36	44064GT	SCREW,HHC,M10 X 30MM,	
37	22700GT	WASHER,LOCK,M10	
38	81421PGT	BRACKET,MUFFLER MOUNT,PAINTED	1
39		MUFFLER,SPARK ARRESTING,GM (no longer available)	1
39-	77544GT	MANIFOLD-EXHAUST/GM 3.0L ENGIN	
39-	77543GT	GASKET, EXHAUST MANFLD/GM 3.0L	

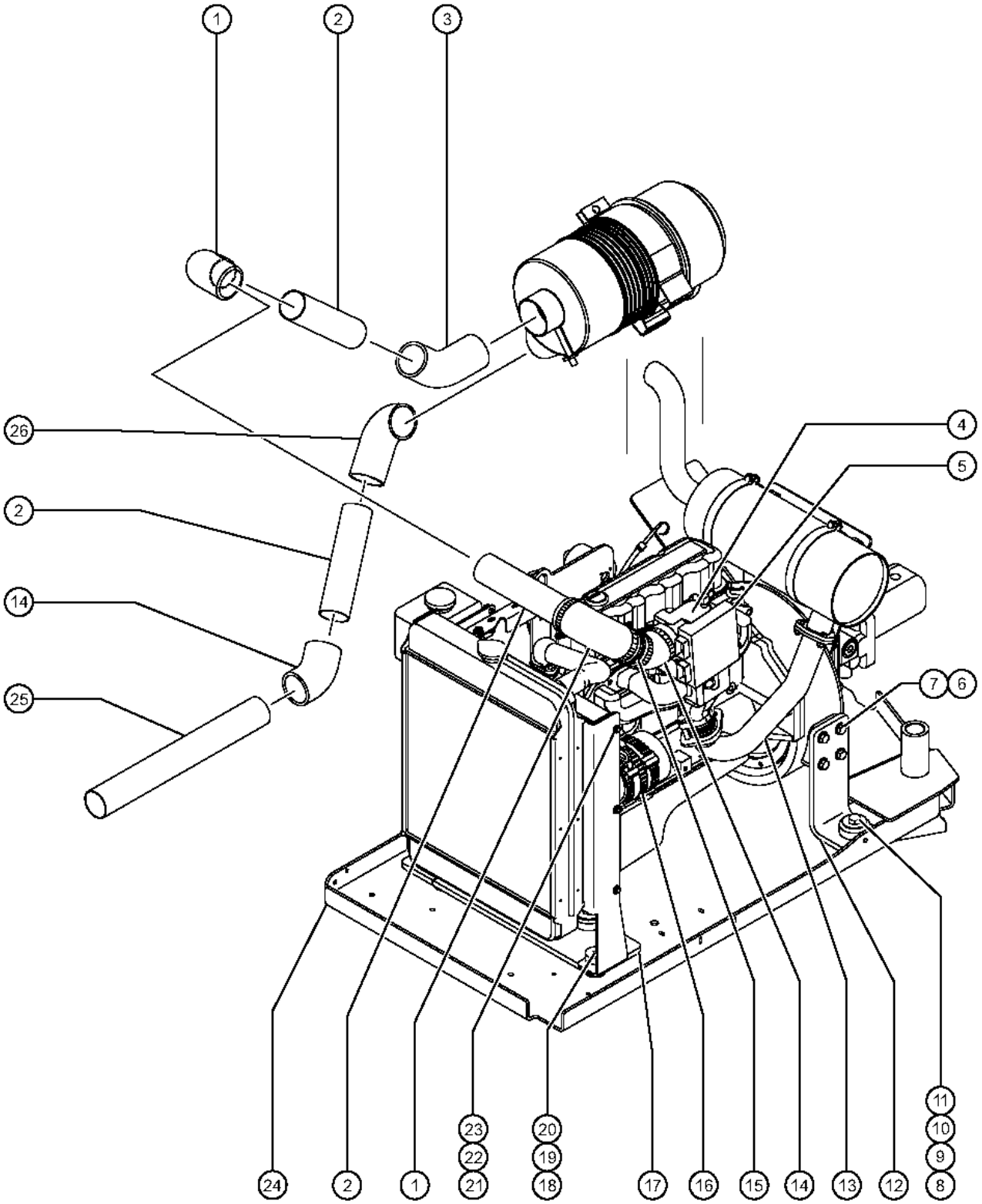
415.1 GM 3.0L EFI Engine - View 2



415.1 GM 3.0L EFI Engine - View 2

Item	Part No.	Description	Qty.
	62279GT	HRNESS, ENGINE, GM BIG BOOM	
	81457GT	HARNESS,GM ENGINE to SN 3487	
	77957GT	HARNESS,GM ENGINE from SN 3488	
	77921GT	HARNESS #8AWG ALT.TO STARTER from SN 3488	
	1271825GT	ECM, SSI .79L / .97L	
1	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	2
1-	30971GT	CLAMP,HOSE,3.00"	
2	35067GT	TUBE,RD,ALUM 2.5 X .083 Qty. 3; cut to 9.5 inches	10 inches
3	60036GT	HOSE,AIR INTAKE,FORD EFI*** No longer available	1
3-	30971GT	CLAMP,HOSE,3.00"	
4	88451GT	THROTTLE ACTUATOR*(BOSCH)	1
4-	77849GT	INJECTOR,LPG W/ORINGS GM3.0L	
4-	77848GT	INJECTOR,FUEL W/ORINGS GM3.0L	
5	62278GT	ELEC. CONTROL MODULE, GM BB	1
6	49381GT	SCREW,HHC,M12 X 30	
7	49410GT	WASHER, FLAT, M12	
8	53909GT	SCREW,HHC,5/8-11 X 4.0 GR8	4
9	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
10	102045GT	ISOLATOR,ENGINE VIBRATION	4
11	6024GT	NUT,NYLOCK,5/8-11	
12	81417PGT	ENGINE MOUNT,LR,GM 3.0 PAINTED shown	1
12-	81418PGT	ENGINE MOUNT,RR,GM 3.0 PAINTED	
13	81481GT	WELDMENT,HEAD PIPE,GM OBSOLETE; USE UNTIL EXHAUSTED	1
13-	65503GT	GASKET,MUFFLER PERKINS(53883)	
14	33361GT	ELBOW,45 DEGR,RUBBER,2.5"I.D.	2
14-	30971GT	CLAMP,HOSE,3.00"	
15	35067GT	TUBE,RD,ALUM 2.5 X .083	2 inches

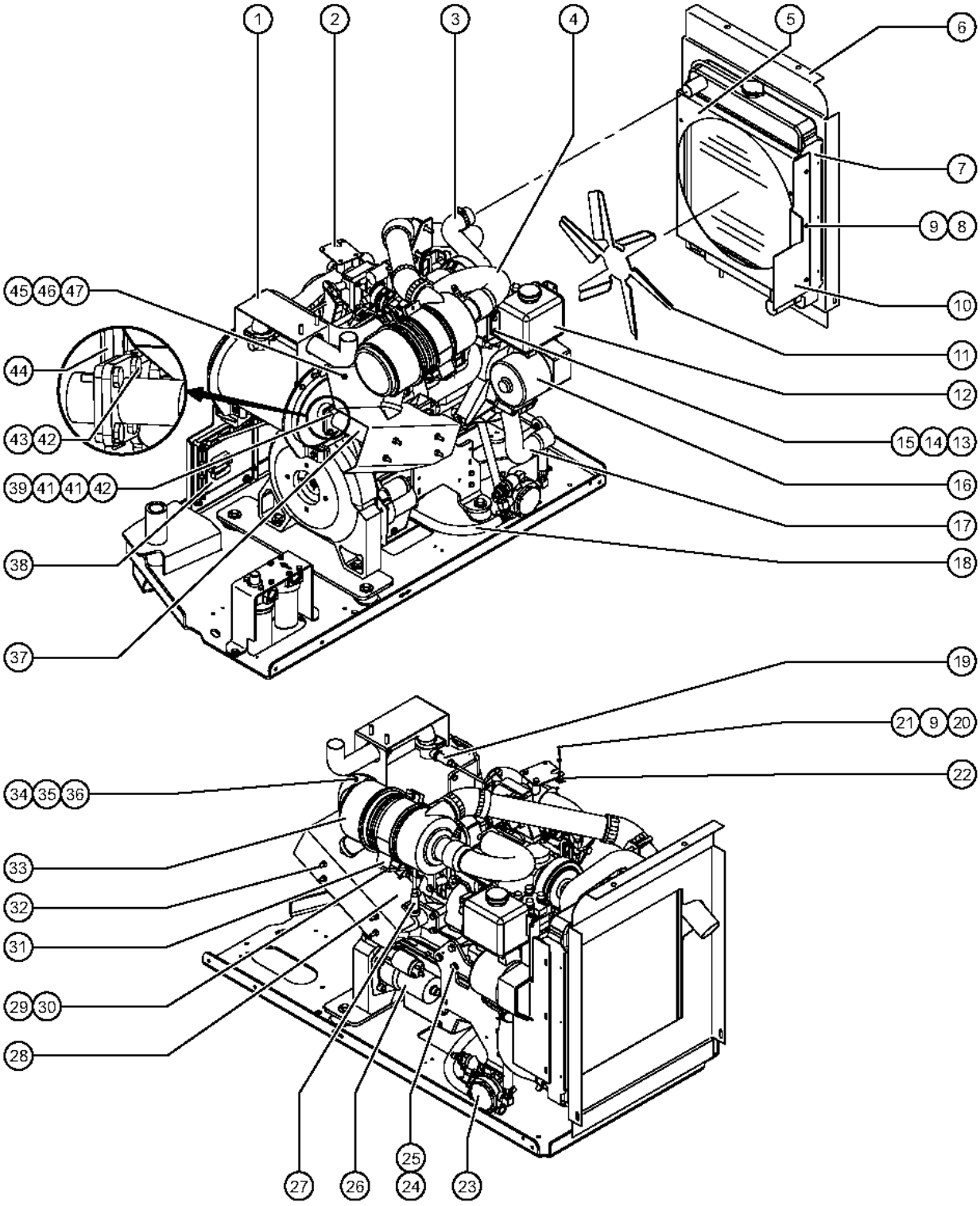
415.1 GM 3.0L EFI Engine - View 2



415.1 GM 3.0L EFI Engine - View 2

Item	Part No.	Description	Qty.
16	77822GT	ALTERNATOR, GM3.0L ENGINE	1
16-	65621GT	BELT-FAN, GM 3.0L ENGINE	
17	81419GT	WELDMENT,FRONT ENGINE MOUNT	1
18	8516GT	SCREW, HCC, 3/8-16 X 1.50	
19	6097GT	WASHER, FLAT, USS, 3/8", Y	
20	4828GT	NUT, NYLOCK, 3/8-16	
21	6888GT	SCREW, HHC, 1/4-20 X 1	
22	6638GT	WASHER, FLAT, USS, 1/4"Y	
23	6091GT	NUT,NYLOCK,1/4-20	
24		Ref. Engine Tray (refer to 420.1)	
25	35067GT	TUBE,RD,ALUM 2.5 X .083	27 inches
26	50941GT	HOSE,90DEG 2.5" AIR INTAKE	1

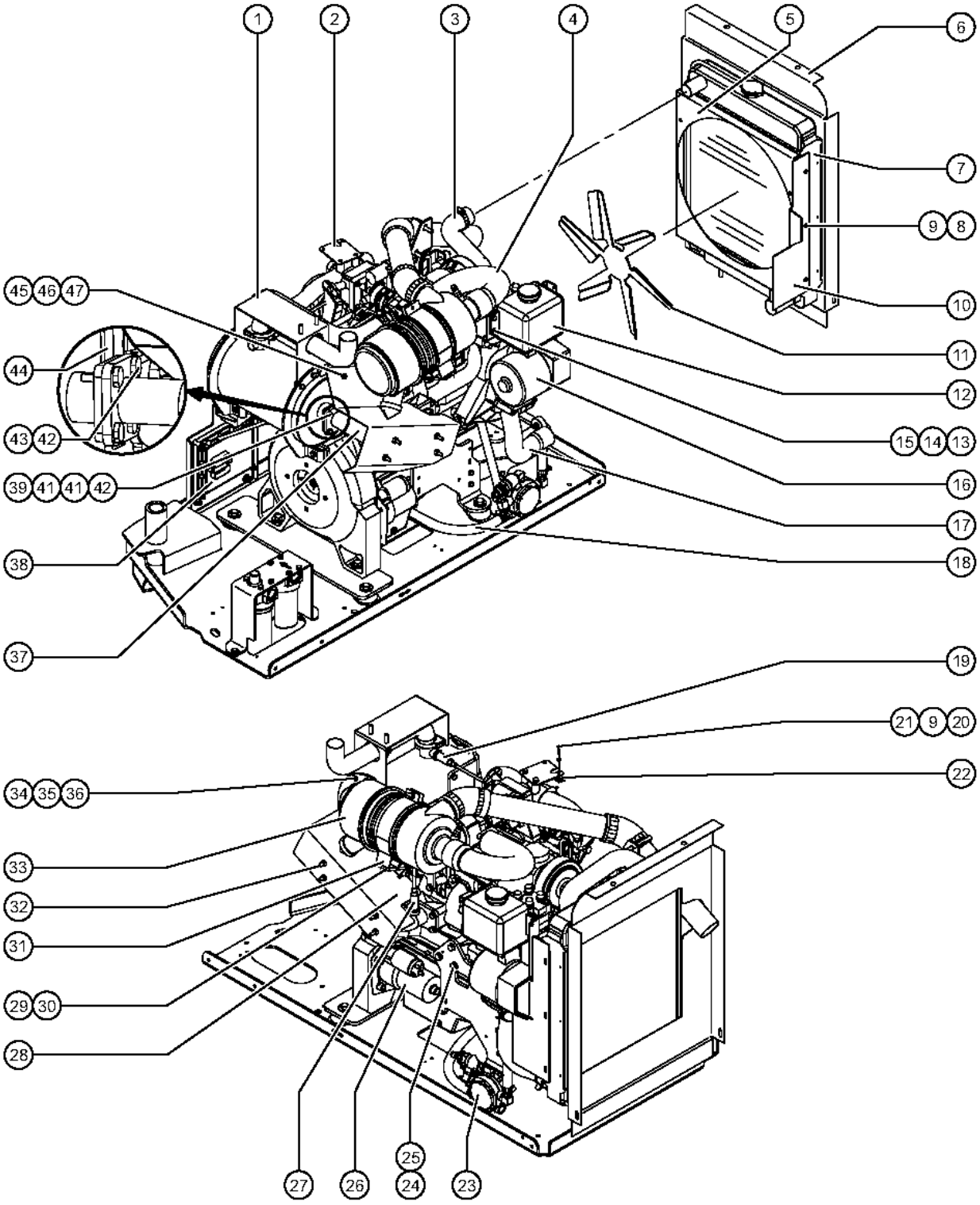
416.1 Ford LRG-425 EFO Engine - View 1



416.1 Ford LRG-425 EFO Engine - View 1

Item	Part No.	Description	Qty.
	65770GT	BELT,TIMING,FORD LRG423/425EFI	1
	102339GT	HARNESS,FORD ENGINE,EFI,2004	
		HARNESS,ENGINE W/RELAY BOX T2 no longer available	
	128903GT	JUMPER,THROTTLE BODY,FORD 2.5L	
	77219GT	PUMP, FUEL, LRG425, WALBRO	
1	102307GT	FORMING,HEAT SHIELD	1
2	53821PGT	BRACKET,MAP SENSOR,PAINTED	1
3	54862GT	HOSE,UPPER RADIATOR,Z45	1
3-	22672GT	CLAMP,HOSE,1.75	
4	88847GT	HOSE,AIR CLEANER TO INTAKE	1
4-	35434GT	CLAMP,HOSE,2.00***	
4-	45435GT	CLAMP,HOSE,2.50"	
5	54598PGT	SHROUD,RADIATOR,FORD LGR425,PA	1
6	70493PGT	FORMING,RAD.BAFFLE,FORD S80 P	1
7	110304GT	RADIATOR,FORD/PERKINS***	1
7-	4828GT	NUT, NYLOCK, 3/8-16	
7-	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
7-	24038GT	SHOCK MOUNT,SMALL	
8	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
9	6146GT	WASHER,FLAT,MS,#10,Y	
10	102976GT	COOLANT MOUNT W/DECAL FORD	1
10-	102010PGT	FORMING,FAN GUARD,FORD,PAINTED	
11		FAN, LSG423/LRG425 (52076) component no longer available	1
11-	70489GT	SPACER,FAN TO WATERPUMP LRG425	
11-	75185GT	SCREW,HHC,M8X1.25X 70MM,GR8.8	
11-	49408GT	WASHER, LOCK, M8	
12	70367GT	BOTTLE,COOLANT RECOVERY,3.7***	1
12-	115431GT	CAP ASSY, COOLANT BOTTLE	

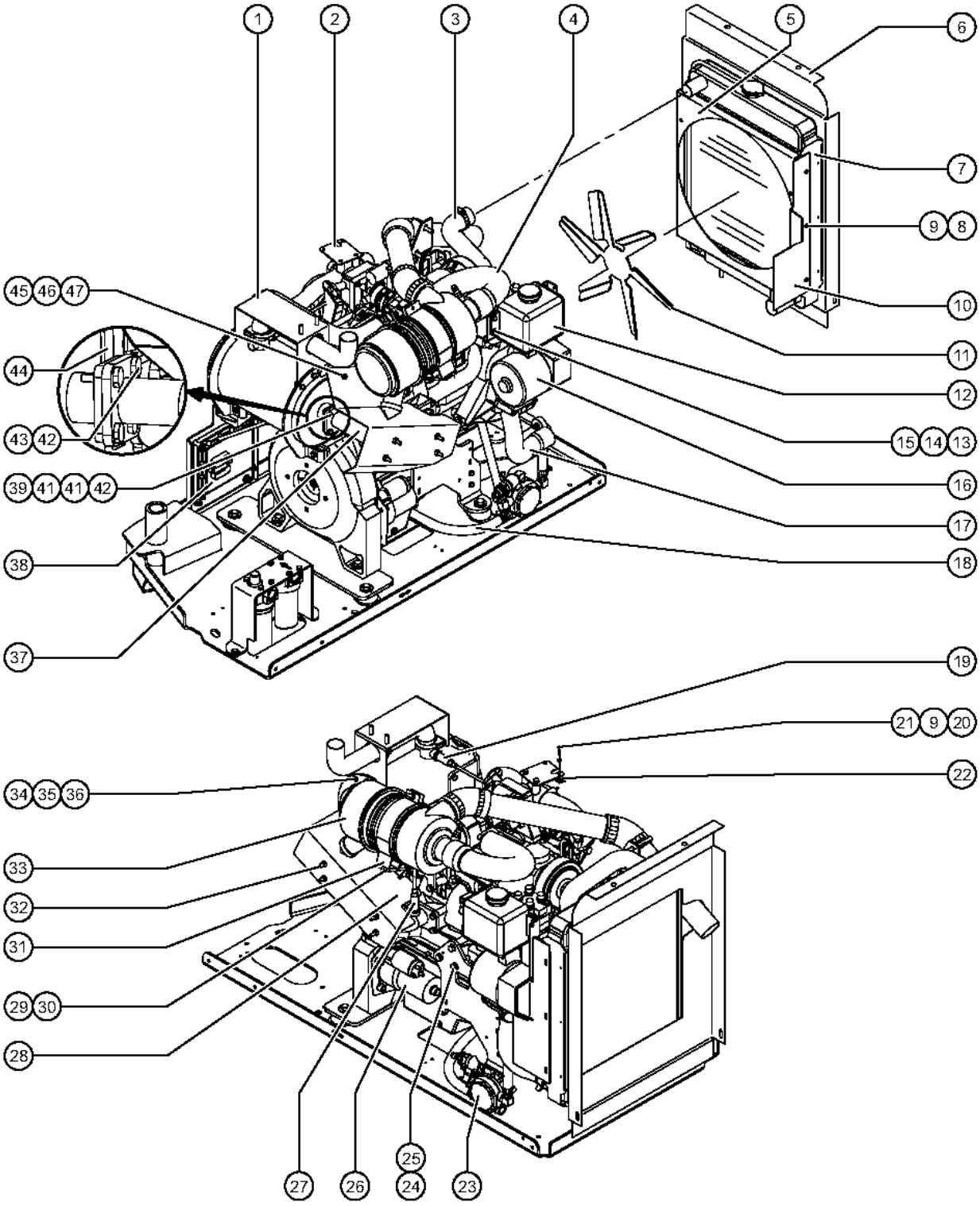
416.1 Ford LRG-425 EFO Engine - View 1



416.1 Ford LRG-425 EFO Engine - View 1

Item	Part No.	Description	Qty.
13	6090GT	SCREW, HHC, 1/4-20 X .75	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	6091GT	NUT,NYLOCK,1/4-20	
16	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
17	77170GT	HOSE,LOWER RADIATOR,Z45	1
17-	22672GT	CLAMP,HOSE,1.75	
18	50948GT	HOSE ASSEMBLY,LP GAS,106"LG	1
19	106486GT	SENSOR,AIR,CAT MONITOR***	1
20	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
21	6178GT	NUT, NYLOCK, 10-32	
22	49898GT	MAP SENSOR, EFI	1
23	70525GT	REGULATOR,LPG	1
23-	19363GT	ELBOW,130239-4-4	
23-	102073GT	ELBOW,90 DEG,3/8NPT X 1/2 FNPT	
23-	102074GT	ELBOW,90DEG, .63 HS X.375 MPT	
23-	88757GT	VALVE,LP LOCKOUT W/CONN***	
23A	102119GT	HOSE,3/4,LP from regulator to mixer	as ne ed ed
24	44064GT	SCREW,HHC,M10 X 30MM,	
25	22700GT	WASHER,LOCK,M10	
26	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
27	52652GT	SENSOR,AIR TEMP,LRG-425 EFI***	1
28	102118GT	FORMING,HEAT SHIELD,FORD	1
29	10107GT	SCREW,HHC,5/16-18 X .75	
30	6782GT	NUT, NYLOCK, 5/16-18	
31	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
32	32064GT	CLAMP,MUFFLER,1.75 INCH	2
33	111634GT	AIR CLEANER,FORD,T3	1

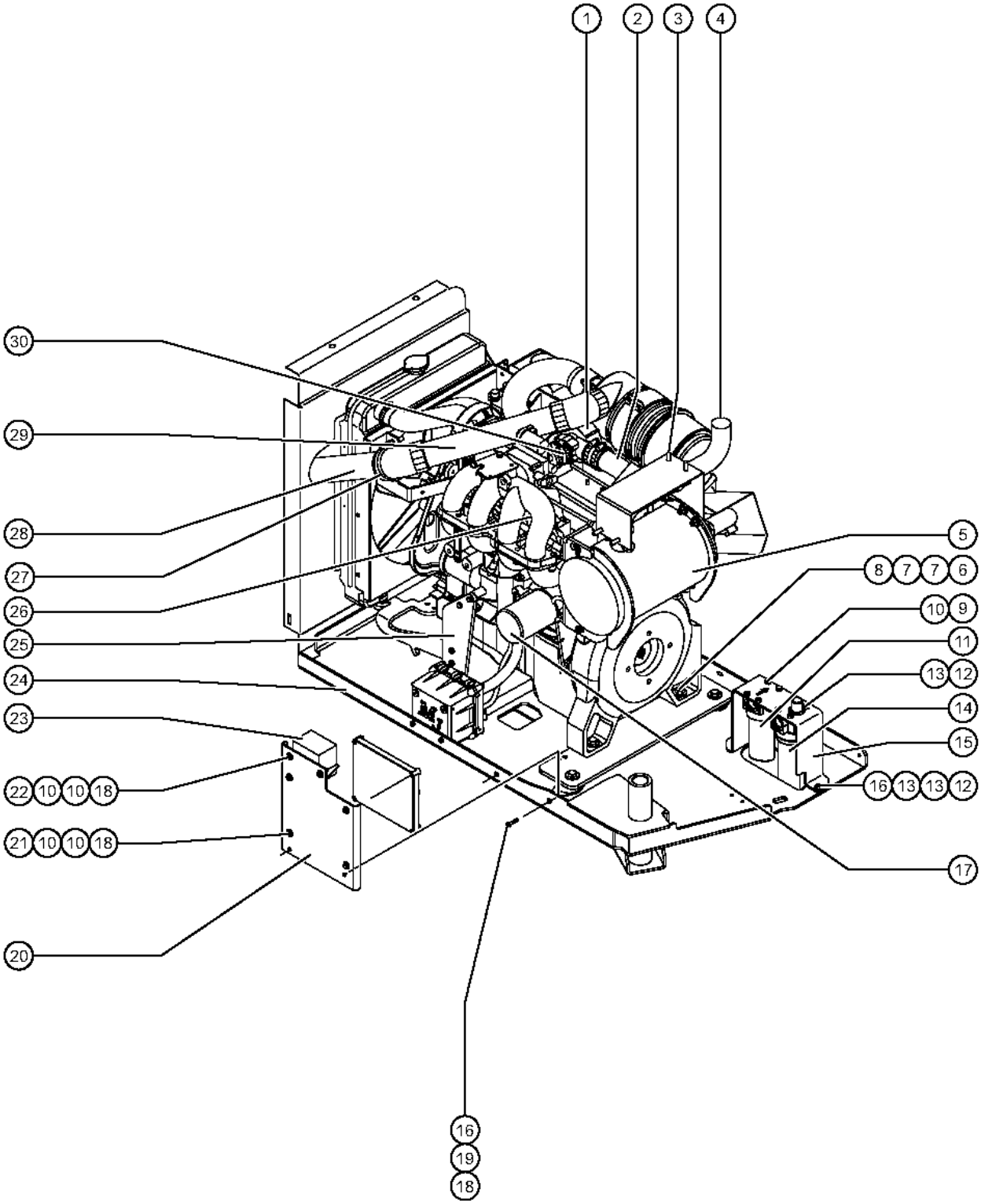
416.1 Ford LRG-425 EFO Engine - View 1



416.1 Ford LRG-425 EFO Engine - View 1

Item	Part No.	Description	Qty.
33-	227988GT	VACUATOR VALVE	
33-	77295GT	FILTER ELEMENT,AIR,NOLFF LPG	
33-	58247GT	AIR CLEANER CAP/ FORD/NOLFF***	
33-	1277991GT	CLIP,AIR CLEANER COVER (58247) for 58247	
33-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
34	6175GT	SCREW,HHC,3/8-16 X 1	
35	6097GT	WASHER, FLAT, USS, 3/8", Y	
36	4828GT	NUT, NYLOCK, 3/8-16	
37	89973GT	EXHAUST PIPE ASSEMBLY, FORD	1
37-	102134GT	GASKET,EXHAUST FORD TIER II	
38		ENGINE PERFORMANCE MODULE T2** (no longer available)	1
39	13000GT	SCREW,HHC,5/16-18 X 1.25	
40	5397GT	WASHER, FLAT, USS, 5/16-18	
41	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	1
42	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
43	61741GT	SCREW,HHC,5/16-18 X 1.50	
44	102779PGT	FORMING,HEAT SHLD SUPPORT,PTD	1
45	8255GT	SCREW,HHC,3/8-16 X .75	
46	6021GT	WASHER, LOCK, .375	
47	4828GT	NUT, NYLOCK, 3/8-16	

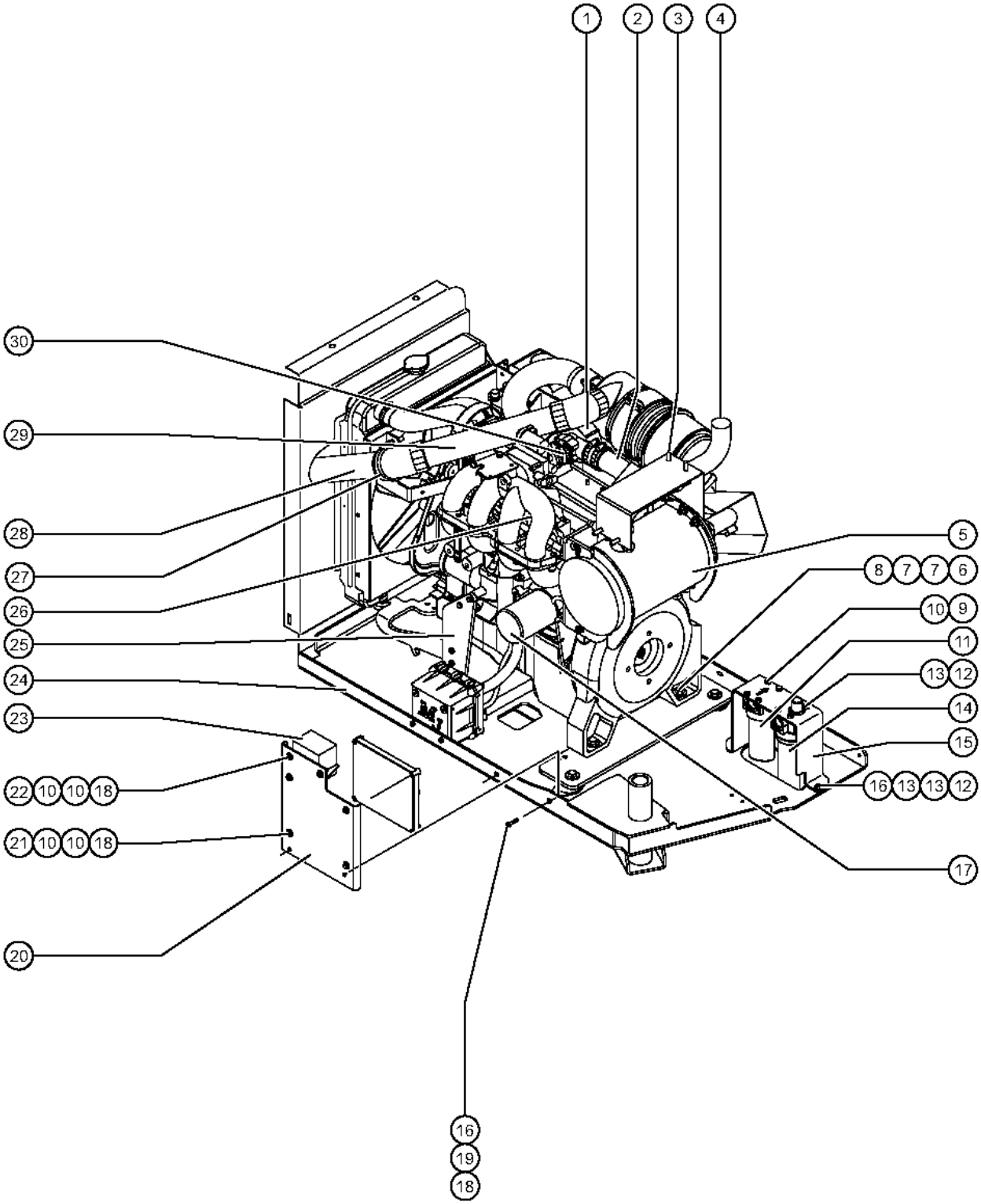
417.1 Ford LRG-425 EFI Engine - View 2



417.1 Ford LRG-425 EFI Engine - View 2

Item	Part No.	Description	Qty.
1	106485GT	MIXER,AIR VALVE,TIER II FORD**	1
2	34162-400GT	Air Intake Hose	2
3	102121GT	CLAMP,MUFFLER,1-7/8 IN.	2
4	70420GT	TAILPIPE,FORD LRG 425	1
4-	106486GT	SENSOR,AIR,CAT MONITOR***	
5	106178GT	WELDMENT,MUFFLER,FORD TIER2	1
6	22788GT	SCREW,HHC,1/2-13 X 1.75	
7	6095GT	WASHER,FLAT,USS,1/2",Y	4
8	6198GT	NUT, NYLOCK, 1/2-13	4
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
11-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
11A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
11A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
12	6175GT	SCREW,HHC,3/8-16 X 1	
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
14-	58222GT	O-RING,FILTER ASSY (60334)***	
14-	58223GT	SEAL,FILTER ASSY (60334)***	
14-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
15	81005PGT	BRACKET,FILTER MOUNT,PAINTED	1
16	4828GT	NUT, NYLOCK, 3/8-16	
17	28656GT	FILTER,OIL,FORD Genie genuine part	1
17-	1259054GT	FILTER, OIL, FORD Genie aftermarket	
18	6175GT	SCREW,HHC,3/8-16 X 1	
19	6097GT	WASHER, FLAT, USS, 3/8", Y	
20	70425PGT	FORMING,ECM MOUNT PAINTED	1

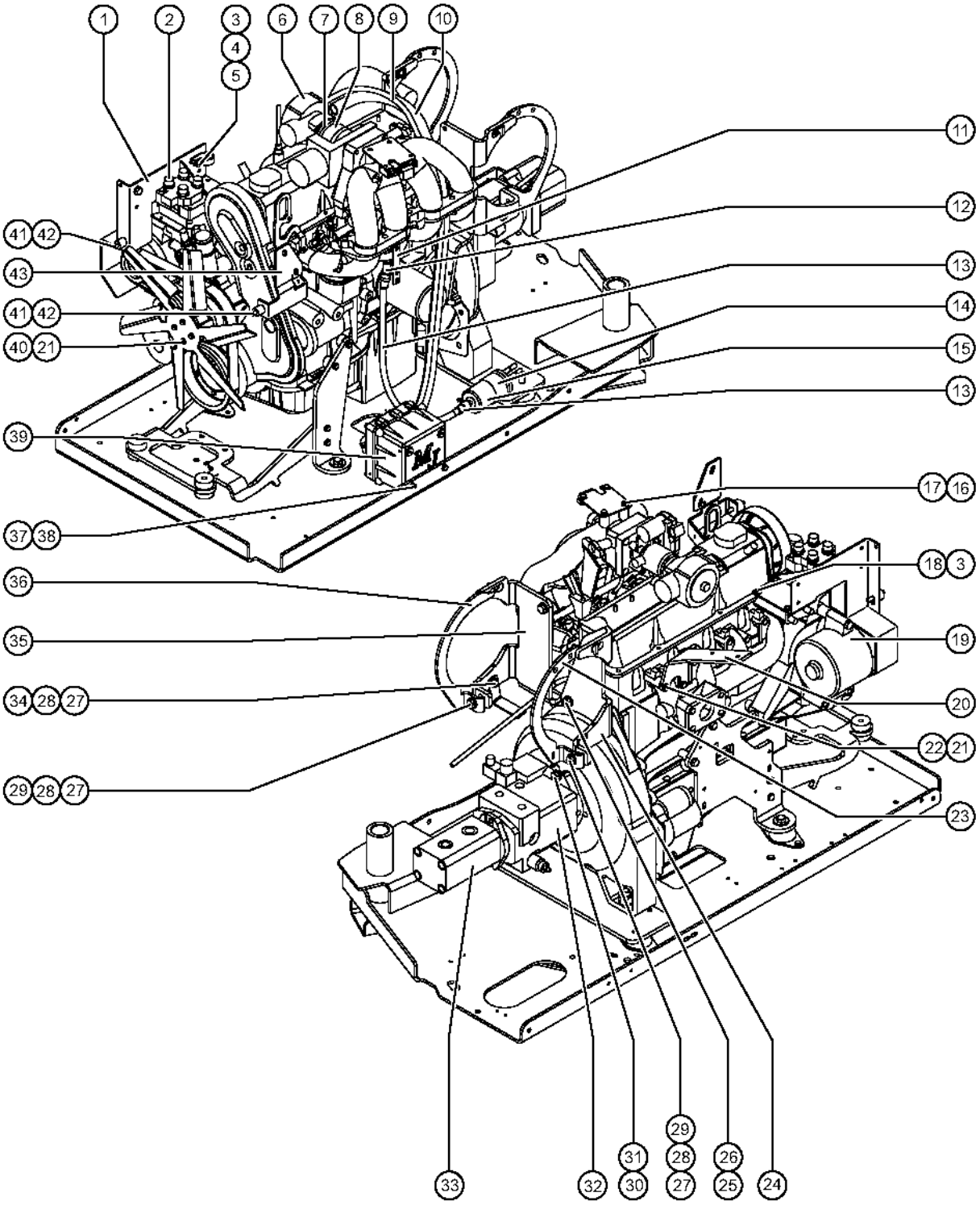
417.1 Ford LRG-425 EFI Engine - View 2



417.1 Ford LRG-425 EFI Engine - View 2

Item	Part No.	Description	Qty.
21	6637GT	SCREW,HHC,1/4-20 X 1.75	
22	6090GT	SCREW, HHC, 1/4-20 X .75	
23		HARNESS,ENGINE W/RELAY BOX T2 no longer available	1
23-	128903GT	JUMPER,THROTTLE BODY,FORD 2.5L	
24		Ref. Engine Pivot Tray Assembly with Bearings (refer to 420.1)	
25	101118PGT	ENGINE MOUNT FOOT,LH PNTD	1
26	30810GT	SENDING UNIT,OIL PRESSURE*** dual-terminal sender	1
27	71911GT	CLAMP,MUFFLER, 2.50 INCH	1
28	102103GT	TUBE,INTAKE,2.50 OD X 13"	1
28-	33361GT	ELBOW,45 DEGR,RUBBER,2.5"I.D.	
28-	45435GT	CLAMP,HOSE,2.50"	
29	102104GT	TUBE,INTAKE,2.50 OD X 15.63"	1
29-	33361GT	ELBOW,45 DEGR,RUBBER,2.5"I.D.	
29-	45435GT	CLAMP,HOSE,2.50"	
30	102117GT	HOSE,2.0 ID X 2.0" LG	1

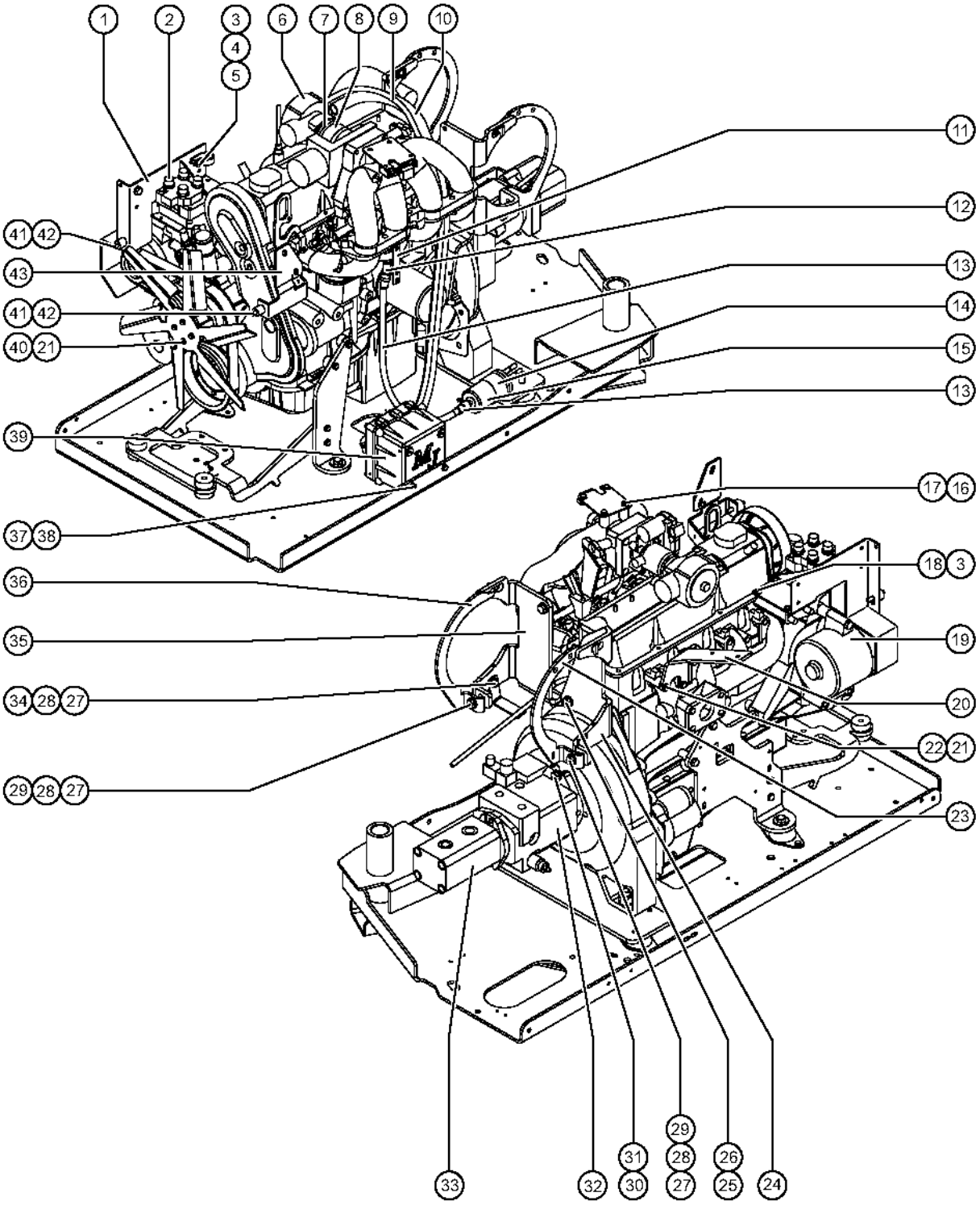
418.1 Ford LRG-425 EFI Engine - View 3



418.1 Ford LRG-425 EFI Engine - View 3

Item	Part No.	Description	Qty.
1	89921GT	WELDMENT,COOLANT BOTTLE MOUNT	1
2	33970GT	COIL, ELECTRONIC IGN., FORD	1
3	67537GT	SCREW,HHC,M5 X 12MM	
4	6091GT	NUT,NYLOCK,1/4-20	
5	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
6	106485GT	MIXER,AIR VALVE,TIER II FORD**	1
7	35434GT	CLAMP,HOSE,2.00***	2
8	102117GT	HOSE,2.0 ID X 2.0" LG	1
9	102120GT	HOSE,1/4 VACUUM	1
10	102119GT	HOSE,3/4,LP from regulator to mixer	8 inches
11	102065PGT	BAR,HARNESS CONNECTOR MOUNT	1
12	65892GT	CONN. ASSY,7.9 TUBE X6.35 HOSE	1
13	71909GT	HOSE,FUEL,5/16 HIGH PRESSURE**	
14	65453GT	BRACKET-FUEL FILTER (52567)	1
14-	6888GT	SCREW, HHC, 1/4-20 X 1	
14-	6638GT	WASHER, FLAT, USS, 1/4"Y	
14-	6091GT	NUT,NYLOCK,1/4-20	
15	58967GT	FUEL PRESSURE REG,425EFI***	1
16	23057GT	SCREW,HHC,M8 X 20MM	
16-	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH*	
17	49408GT	WASHER, LOCK, M8	
18	49407GT	WASHER,LOCK,M6	
19	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
20	89917PGT	PLATE,AIR FILTER MOUNT,FORD	1
21	10107GT	SCREW,HHC,5/16-18 X .75	
22	6782GT	NUT, NYLOCK, 5/16-18	
23	106271PGT	CLAMP,FORD MUFFLER,PAINTED	1

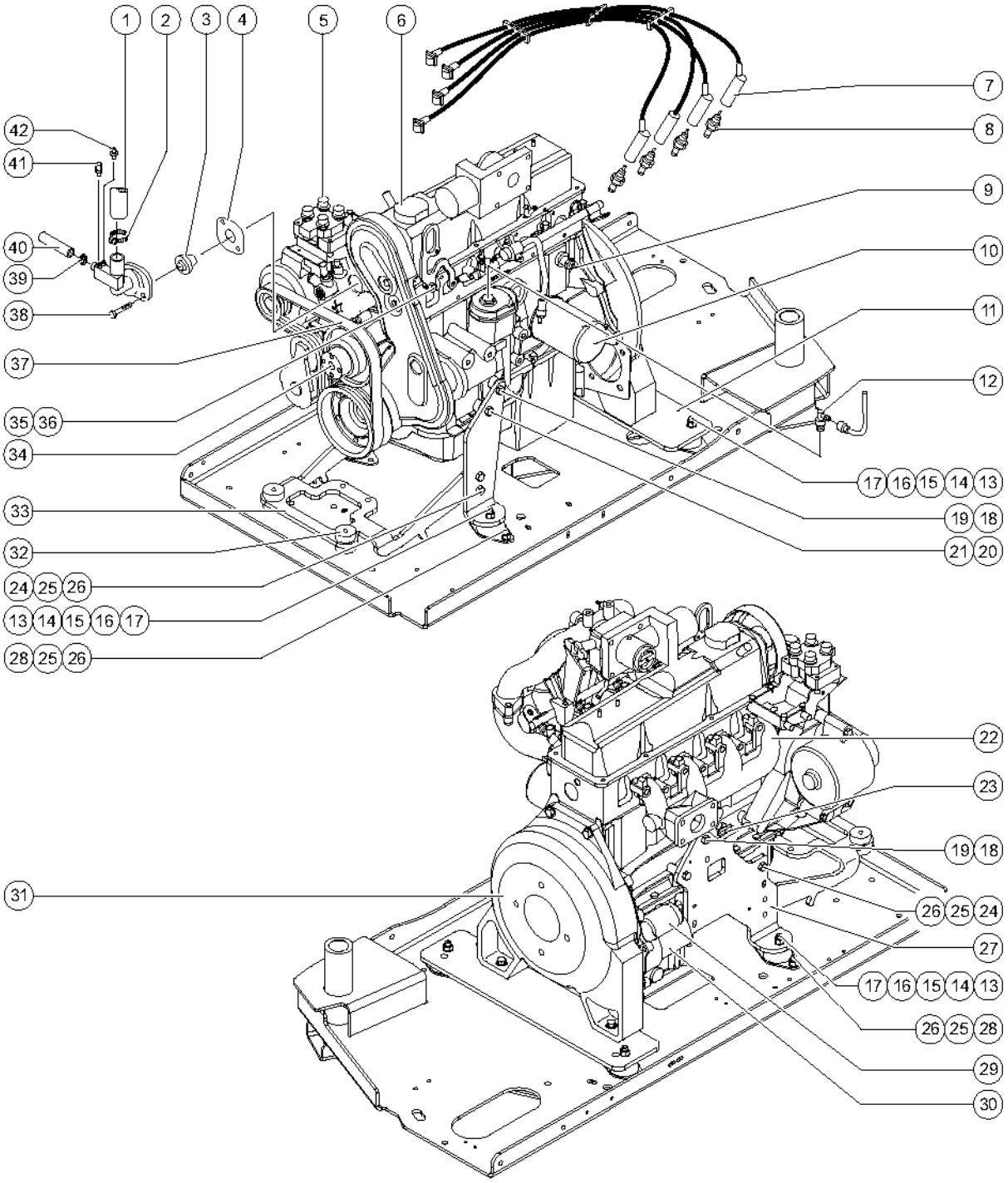
418.1 Ford LRG-425 EFI Engine - View 3



418.1 Ford LRG-425 EFI Engine - View 3

Item	Part No.	Description	Qty.
24	101126PGT	FORMING,RH MUFFLER SUP PAINTED	1
25	25548GT	SCREW,HHC,M10 X 40MM,GRD8	
26	22700GT	WASHER,LOCK,M10	
27	14033GT	SCREW, HHC, 3/8-16 X 2.75	
28	6097GT	WASHER, FLAT, USS, 3/8", Y	
29	4828GT	NUT, NYLOCK, 3/8-16	
30	8177GT	SCREW,HHC,1/2-13 X 1.5	
31	13066GT	WASHER,FLAT,.5 HARDENED	2
32		Ref. M46 Drive Pump Assembly (refer to 707.1)	
33		Ref. Lift/Steer Pump (refer to 707.1)	
34	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
35	101127PGT	FORMING,LH MUFFLER SUPPORT PNT	1
36	101128PGT	FORMING,MUFFLER CLAMP, PAINTED	1
37	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	
38	25926GT	WASHER,FLAT,M6 PLTD.	
39	70527GT	MEGAJECTOR,FUEL KIT	1
39-	106941GT	Jumper Harness	
40	75185GT	SCREW,HHC,M8X1.25X 70MM,GR8.8	
41	219437GT	ISOLATOR,VIBRATION	2
42	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	9
43	102013PGT	FORMING,RADIATOR SUPPORT,LH	1
43-	102794GT	SCREW,HHC,M8 X1.25X40,GRD10.9	
43-	33277GT	WASHER,FLAT,M8,YELLOW ZINC	

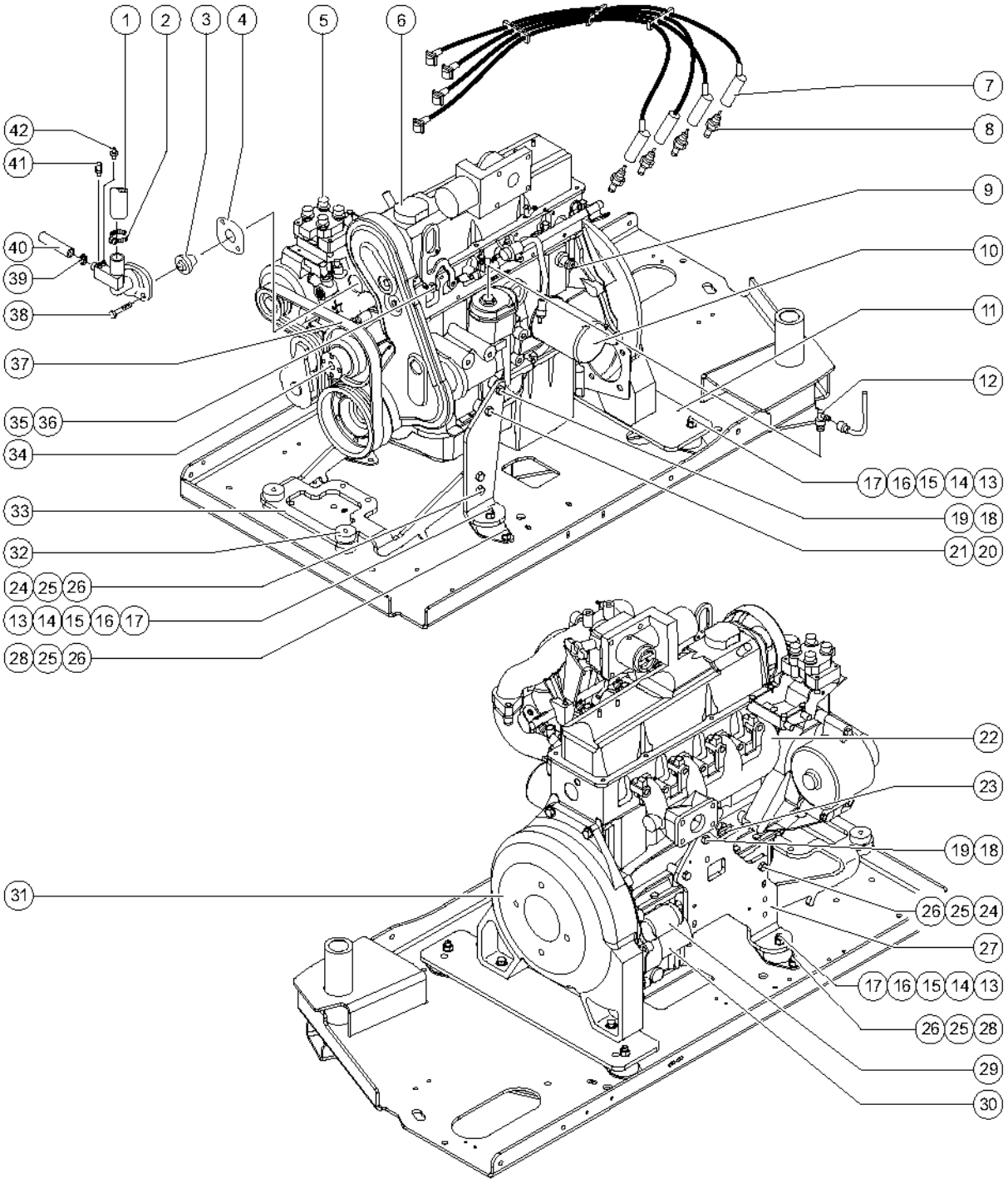
419.1 Ford LRG-425 EFI Engine - View 4



419.1 Ford LRG-425 EFI Engine - View 4

Item	Part No.	Description	Qty.
1		Ref. HOSE,UPPER RADIATOR,Z45 refer to 416.1	1
2	22672GT	CLAMP,HOSE,1.75	1
3	33966GT	THERMOSTAT, FORD LRG	1
4	52575GT	GASKET,THERM.HSNG O-RING	1
5	33970GT	COIL, ELECTRONIC IGN., FORD	1
6	49881GT	OIL FILLER CAP FOR LRG ENGINE	1
7	52570GT	SPARK PLUG WIRE SET, LRG425EFI	1
8	106490GT	SPARK PLUG, FORD LRG425	4
9	89812GT	SWITCH,OIL PRESSURE ASSY	1
10	28656GT	FILTER,OIL,FORD Genie genuine part	1
10-	1259054GT	FILTER, OIL, FORD Genie aftermarket	
11	70423PGT	REAR ENGINE MOUNT,PAINTED	1
12	33957GT	VALVE,PCV-FORD LRG***	1
13	6198GT	NUT, NYLOCK, 1/2-13	
14	39479GT	SCREW,HHC,1/2-13 X 2.75	
15	70452GT	ISOLATOR,ENGINE VIBRATION	4
16	6095GT	WASHER,FLAT,USS,1/2",Y	
17	102066PGT	CASTING,WASHER,REBOUND,PAINTED	
18	44064GT	SCREW,HHC,M10 X 30MM,	
19	22700GT	WASHER,LOCK,M10	
20	25929GT	SCREW,HHC,M8 X 30MM,GRD 8.8	
21	49408GT	WASHER, LOCK, M8	
22		EXHAUST MANIFOLD,FORD TIER II (no longer available)	1
22-	102134GT	GASKET,EXHAUST FORD TIER II	
23	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
24	8516GT	SCREW, HCC, 3/8-16 X 1.50	
25	6097GT	WASHER, FLAT, USS, 3/8", Y	
26	4828GT	NUT, NYLOCK, 3/8-16	

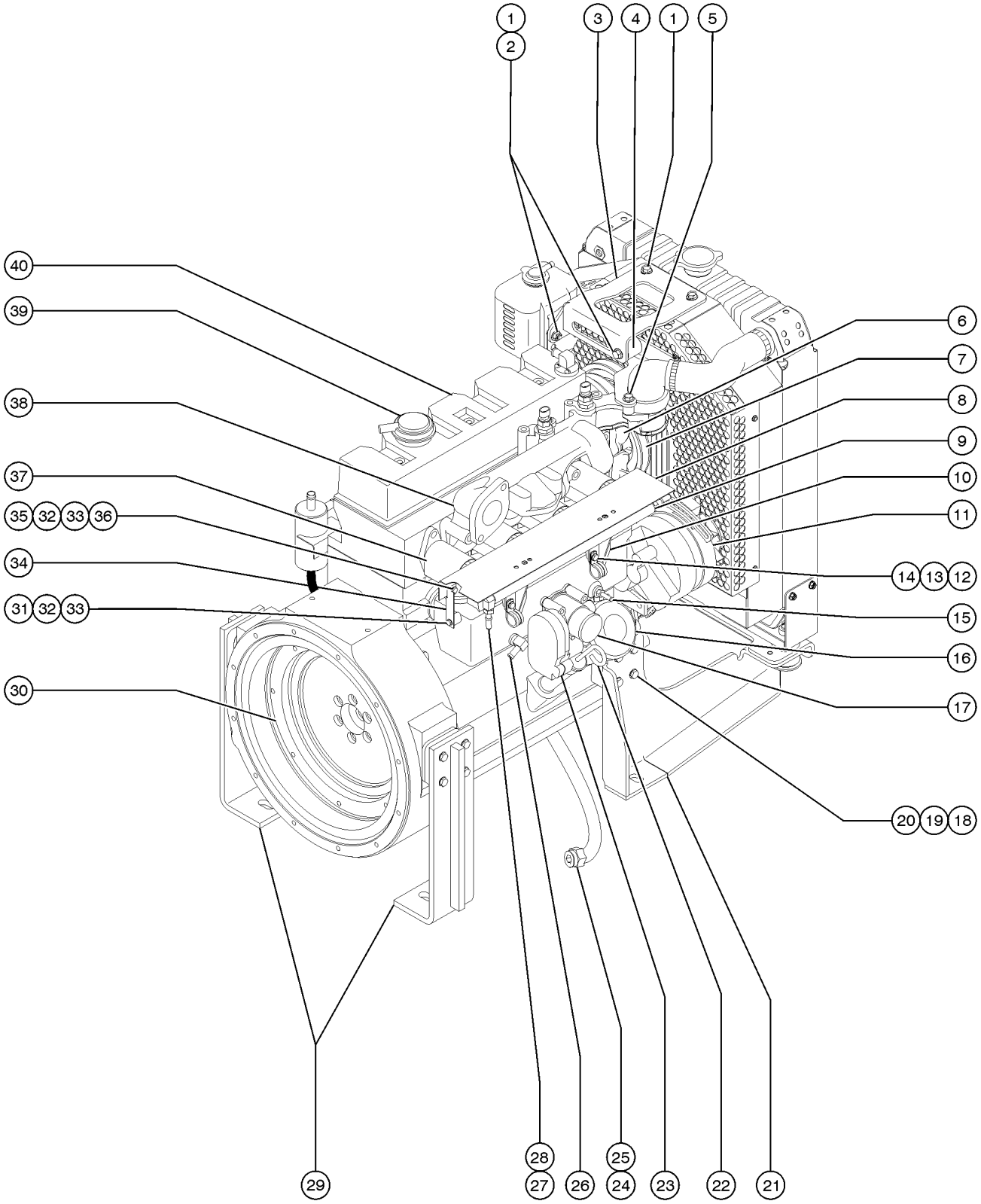
419.1 Ford LRG-425 EFI Engine - View 4



419.1 Ford LRG-425 EFI Engine - View 4

Item	Part No.	Description	Qty.
27	101119PGT	ENGINE MOUNT FOOT,RH PNTD	1
28	6175GT	SCREW,HHC,3/8-16 X 1	
29	27920GT	RELAY, STARTER, Z45GP91	1
30	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
30	29606GT	RING GEAR,FORD*** FITS LSG-LRG 423, AND LRG425	
31	64079GT	BELL HOUSING KIT, FORD 425EFI kit includes; 89811 Pump Mount Housing, 89813 Flex Plate, 37003 15 tooth Hub Coupler, and 102136 Screws 7/16-14 X 1.25	1
31-	89813GT	FLEX PLATE,COUPLER (64079)	
31-	89811GT	HOUSING,PUMP MOUNT (64079)	
31-	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	
31-	102136GT	SCREW,SHC,7/16-14 X 1.25	
32	24038GT	SHOCK MOUNT,SMALL	4
32-	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
32-	4828GT	NUT, NYLOCK, 3/8-16	
33	101121PGT	FORMING,RADIATOR SUP PNTD	1
34	33963GT	PUMP, WATER, WITH GASKET	1
34-	52078GT	PULLEY,FORD ENGINE,LRG-423***	
34-	33964GT	GASKET, WATER PUMP	
35	102794GT	SCREW,HHC,M8 X1.25X40,GRD10.9	
36	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
37	52580GT	BELT,SERPENTINE,LRG425 EFI***	1
37-	65770GT	BELT,TIMING,FORD LRG423/425EFI	
38	65454GT	BOLT-FLANGE,M6 X 22MM(52573)	
39	13014GT	CLAMP,HOSE,2.25" DIA.	1
40	72358GT	WATER INLET TUBE, FORD	1
41	33972GT	SENSOR,COOLANT TEMP*	1
42	65456GT	SENDING UNIT-H20TMP LRG425EFI*	1

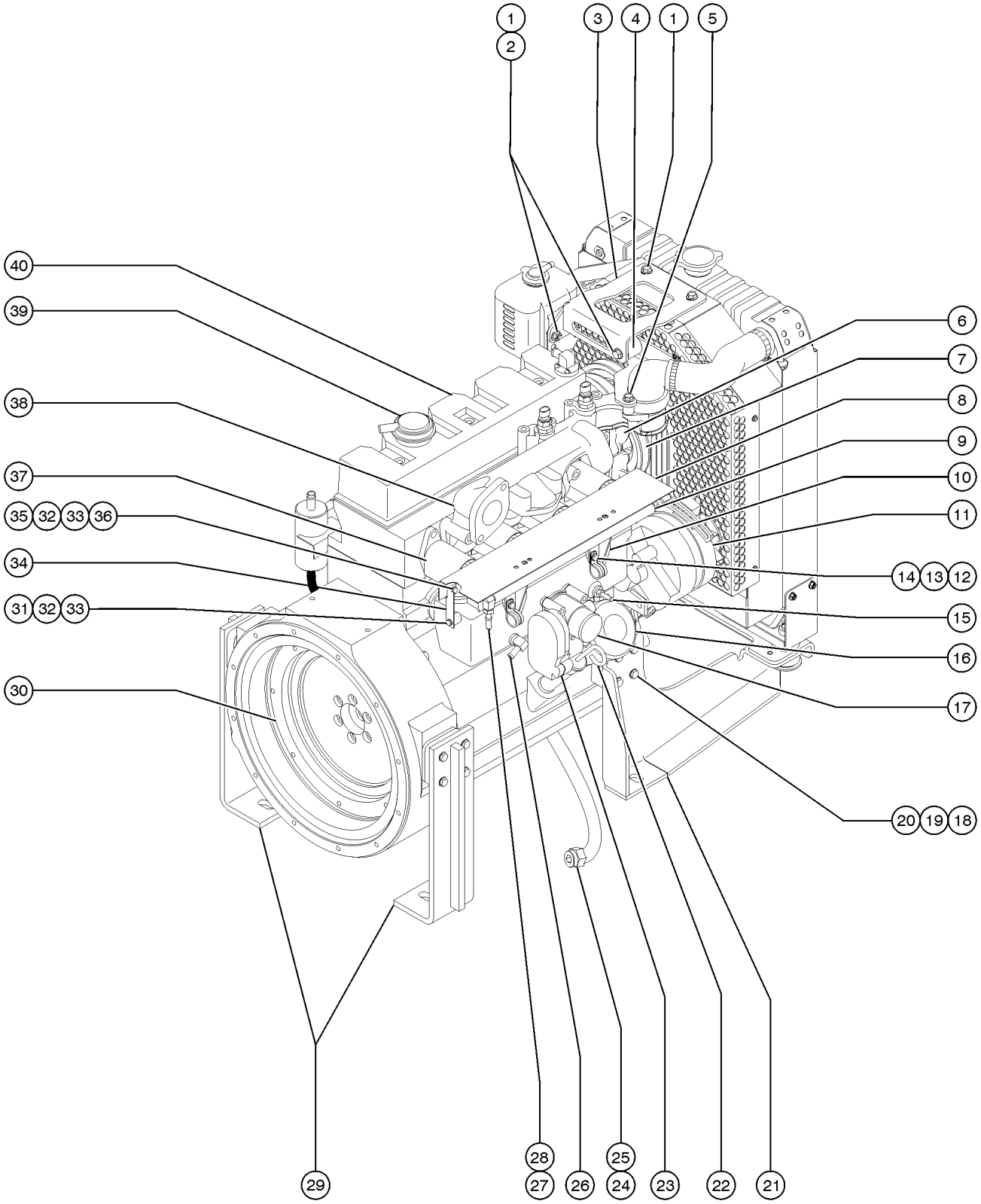
420.1 Continental TME-27 Engine - View 1



420.1 Continental TME-27 Engine - View 1

Item	Part No.	Description	Qty.
	111839GT	HARNESS,CONTINENTAL ENG,TME27	
	122263GT	HARNESS, DUAL BATT,CONTINENTAL from SN 6162	
	111840GT	HARNESS,TME27 STARTER RELAY	
	111890GT	SPARK PLUG, NGK BPR5ES	
	111836GT	SPARK PLUG WIRE,TME27	
	30810GT	SENDING UNIT,OIL PRESSURE*** dual-terminal sender	
	28607GT	ADAPTER,140139-8-6	
	111903GT	SWITCH, LOW OIL PRESS, TME27	
	111923GT	FAN, TME2.7L ENGINE	
	111894GT	FAN SPACER,29.7MM	
1	80358GT	SCREW,FHS,M8 X 1.25 X 16	
2	59579GT	NUT, HEX FLANGE M 8 X 1.25	
3	111854GT	BRACKET,RADIATOR SUP,TME27	1
4	111853GT	ISOLATOR,VIB, 32 X 32 M8-1.25	1
5	49398GT	SCREW,FHS,M8 X 1.25 X 30	
6	111884GT	WATER PUMP, CONTINENTAL TME27	1
6-	111883GT	WATER PUMP GASKET	
7	111918GT	BELT,FEAD, TME 2.7L ENGINE	1
7-	111841GT	PULLEY,CRANKSHAFT,TME27	
7-	111843GT	BOLT,CRANKSHAFT,TME27	
7-	111842GT	WASHER,CRANKSHAFT,TME27	
7-	111867GT	WHEEL, CRANK POSITION	
7-	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
7-	22700GT	WASHER,LOCK,M10	
8	111824GT	HEAT SHIELD,FUEL RAIL,TME27	1
9	111822GT	FUEL RAIL, TME27	1
10	111825GT	SPACER,HEAT SHIELD,TME27	2
11	1325599GT	ALTERNATOR W/O PULLEY, TME 2.7L "When replacing alternator 111924GT, remove the pulleys to install on this alternator."	1

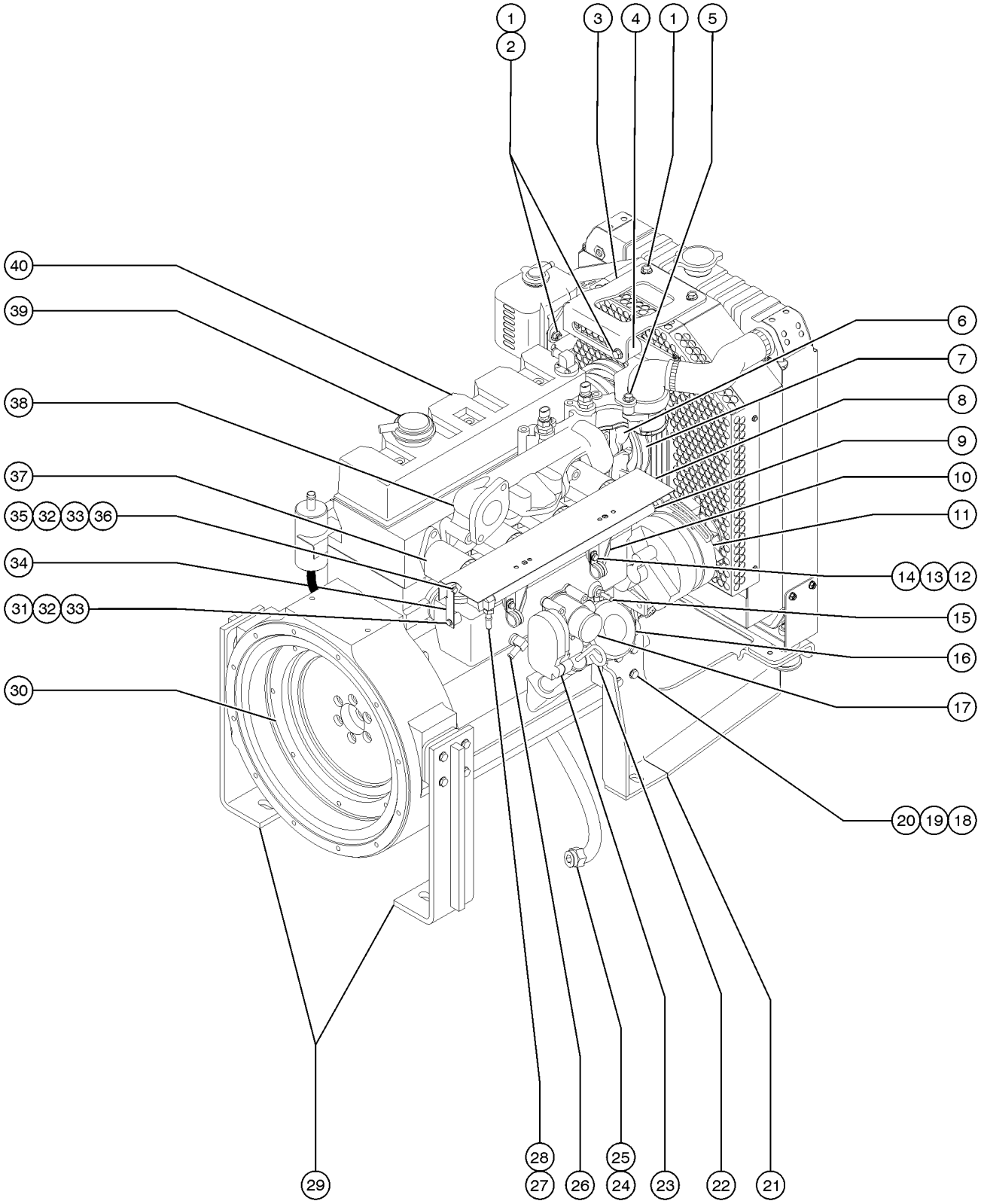
420.1 Continental TME-27 Engine - View 1



420.1 Continental TME-27 Engine - View 1

Item	Part No.	Description	Qty.
12	49375GT	SCREW,HHC,M6 X 16	
13	49407GT	WASHER,LOCK,M6	
14	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	2
15	111838GT	FITTING,STR,1/8NPT X 3/16 HB	1
16	111917GT	OIL FILTER,TME 2.7L ENGINE	1
17	111919GT	ADAPTER,MIXER, TME27	1
18	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	
19	37505GT	WASHER,LOCK,M14	
20	67723GT	WASHER,FLAT,M14 HARDENED	
21	111847GT	ENGINE MOUNT,RIGHT FRONT,TME27	1
22	111845GT	DIPSTICK,CONTINENTAL,TME27	1
23	111922GT	THROTTLE,ELECTRIC,TME2.7L ENG	1
24	111859GT	FITTING PLUG,#8	1
25	111860GT	HOSE ASSY,OIL DRAIN,TME27	
26	31817GT	ELBOW,90DEG.1/4MPT-3/8 BARB	1
27	111818GT	FITTING,1/4 NPT X SAE J2044	1
28	19363GT	ELBOW,130239-4-4	1
29	111857GT	ENGINE MOUNT,REAR,TME27	1
30	111885GT	FLYWHEEL CONTINENTAL TME27	1
30B	1279764GT	CAM/CRANK SENSOR,TME-27	1
31	49376GT	SCREW,HHC,M6 X 25	
32	49407GT	WASHER,LOCK,M6	
33	25926GT	WASHER,FLAT,M6 PLTD.	
34	111827GT	BRACKET,HEAT SHIELD REAR,TME27	1
		shown	
34-	111826GT	BRACKET,HEAT SHIELD,FRNT,TME27	
35	49375GT	SCREW,HHC,M6 X 16	
36	55017GT	NUT,HEX,M6	
37	111829GT	HEAT SHIELD INJECTOR,TME27	4

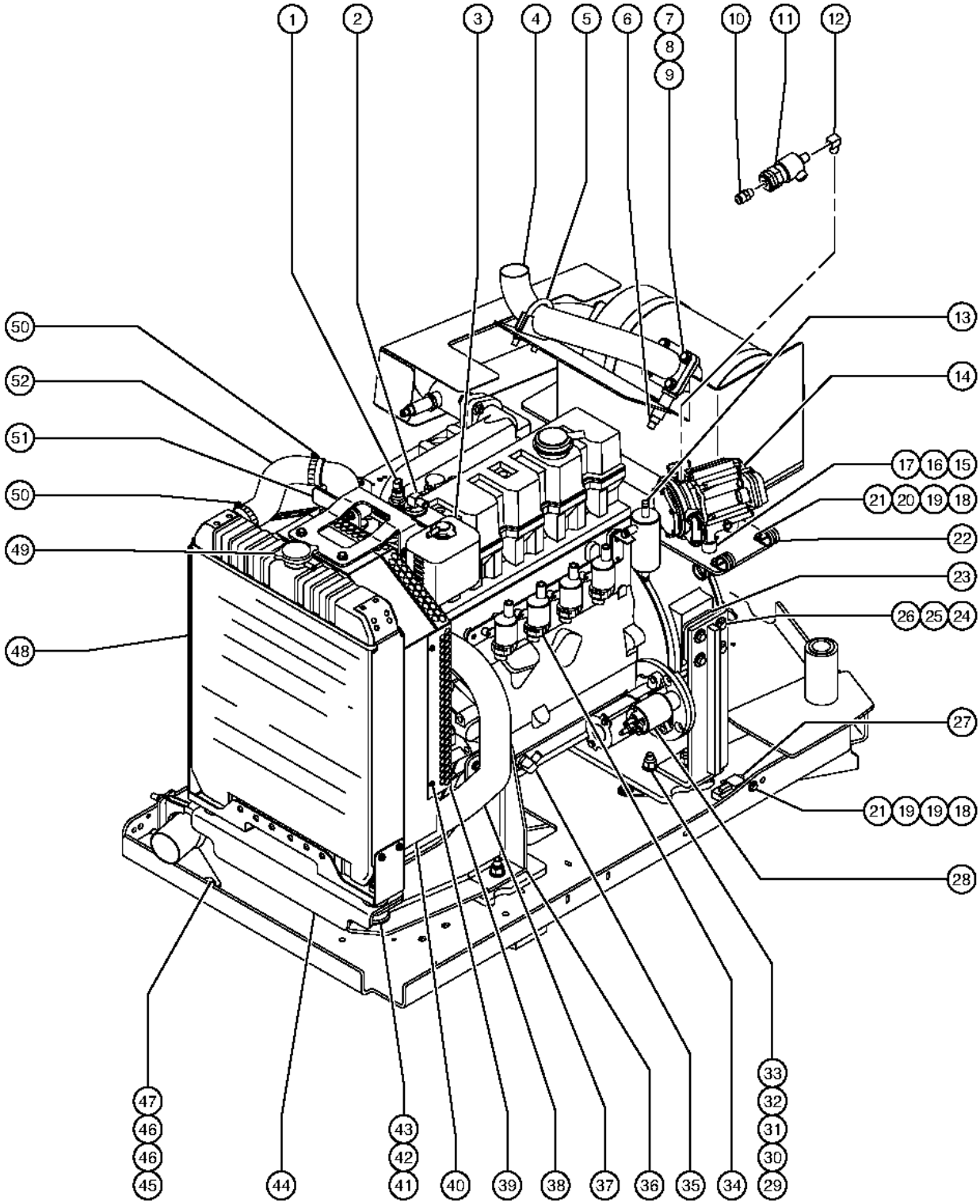
420.1 Continental TME-27 Engine - View 1



420.1 Continental TME-27 Engine - View 1

Item	Part No.	Description	Qty.
37-	111807GT	INJECTOR,FUEL,CONT,TME2.7L	
38	111888GT	MANIFOLD,EXHAUST,TME27	1
38-	111895GT	GASKET,EXHAUST 2INCH,2BOLT	
39	111837GT	CAP,OIL FILL,TME27	1
39-	42280GT	CLAMP,HOSE,.50	
40	236449GT	VALVE COVER,TME27	
40-	236450GT	GASKET,CYL HEAD COVER,TME27	

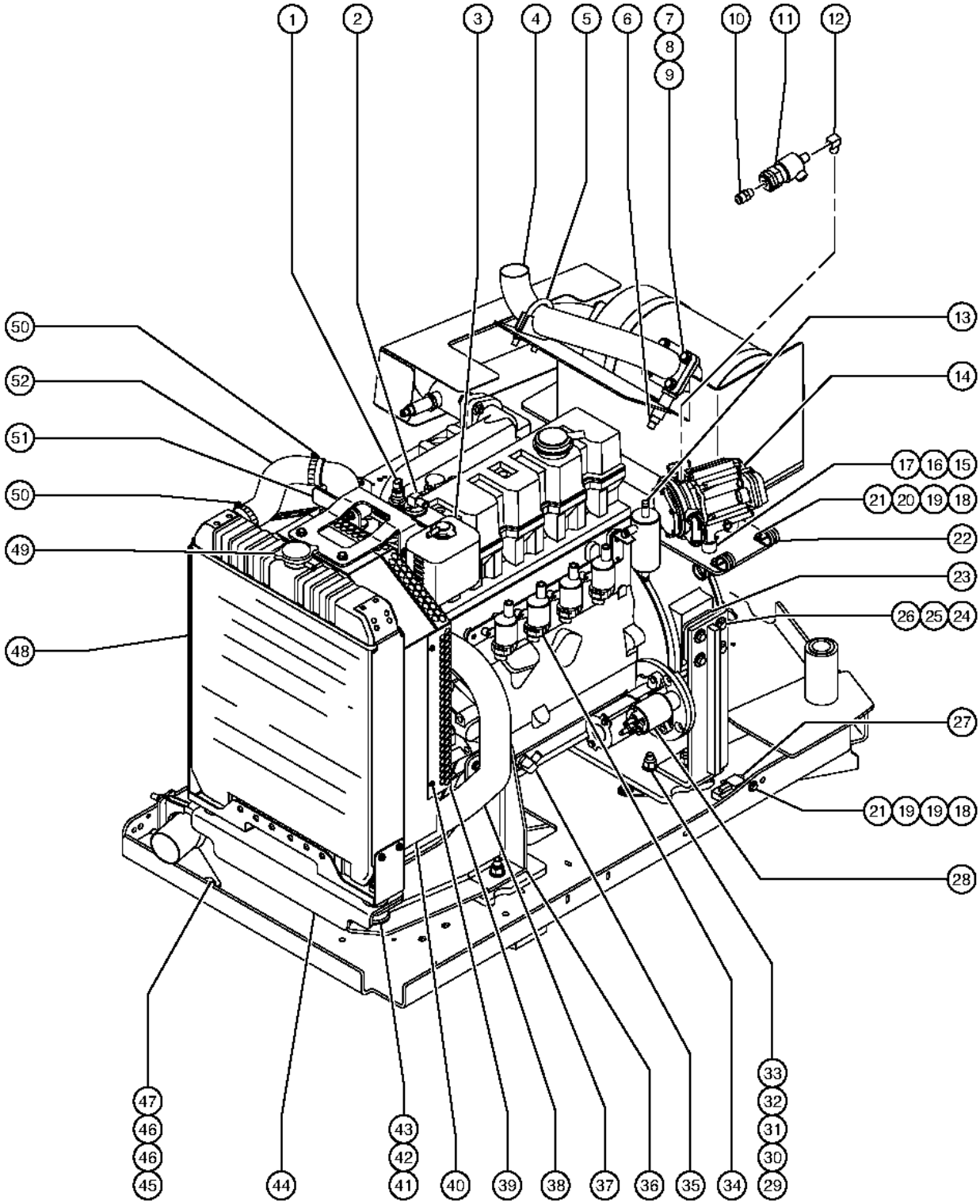
421.1 Continental TME-27 Eninge - View 2



421.1 Continental TME-27 Eninge - View 2

Item	Part No.	Description	Qty.
1	111882GT	SENSOR,ENGINE TEMP,TME27	1
1B	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704 installed adjacent to 111882	1
2	236451GT	ELBOW,1/2"H X 3/8"P,TME27	1
2-	236452GT	FITTING,PCV TO VLV COVER,TME27	
2-	236453GT	GASKET,PCV FITTING,TME27	
2-	236454GT	SCREW,#10-32 X 5/8"L	
2-	236455GT	WASHER,#10,LOCK	
3	111856GT	ASST,OVERFLOW BOTTLE,TME27	1
4	111808GT	WELDMENT,EXHAUST PIPE	1
5	102121GT	CLAMP,MUFFLER,1-7/8 IN.	2
6	111910GT	SENSOR,O2,EXH.COLL., PIPE	1
7	61741GT	SCREW,HHC,5/16-18 X 1.50	
8	5397GT	WASHER, FLAT, USS, 5/16-18	
9	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
10	19358GT	CONNECTOR,010102-6-4	1
11	119232GT	LOCKOFF,LP,FORD DSG/MSG	1
12	119824GT	ELBOW,90DEG,5502-04-04-B	1
13	111869GT	OIL SEPARATOR	1
13-	111868GT	VALVE,PVC,TMEW7	
13-	111870GT	VALVE,CHCEK,TME27	
13-	42280GT	CLAMP,HOSE,.50	
14	111913GT	REGULATOR,LPG(EPR),TME27	1
15	110919GT	ISOLATOR,VIBRATION,M8 M/M	4
16	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
17	25368GT	NUT,NYLOCK,M8X1.25	
18	6888GT	SCREW, HHC, 1/4-20 X 1	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	16073GT	CLAMP,0.63,#10 X 1/4,RUB CUSH	2

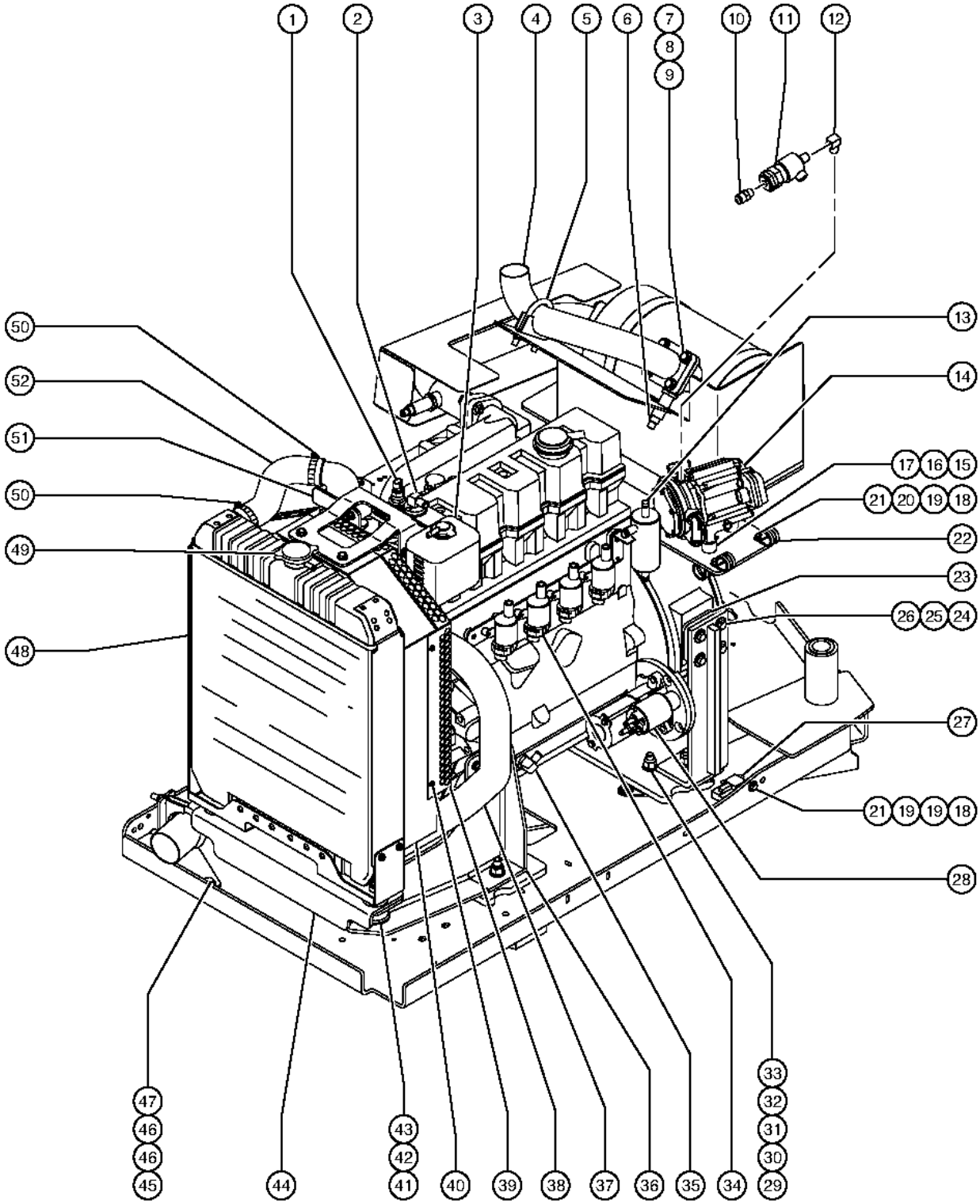
421.1 Continental TME-27 Eninge - View 2



421.1 Continental TME-27 Eninge - View 2

Item	Part No.	Description	Qty.
21	6091GT	NUT,NYLOCK,1/4-20	
22	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	2
23	111858GT	SPACER,ENGINE MOUNT,TME27	2
24	5224GT	SCREW,HHC,3/8-16 X 2	
25	6021GT	WASHER, LOCK, .375	
26	19934GT	WASHER,3/8 HARD.STEEL-FLAT,USS	8
27	61225GT	RELAY,12VDC,70AMP,SEALED	1
28	111916GT	STARTER,TME 2.7L ENGINE	1
29	10598GT	SCREW,HHC,1/2-13 X 3	
30	102066PGT	CASTING,WASHER,REBOUND,PAINTED	2
31	70452GT	ISOLATOR,ENGINE VIBRATION	4
32	13066GT	WASHER,FLAT,.5 HARDENED	4
33	6198GT	NUT, NYLOCK, 1/2-13	
34	111830GT	COIL ASSY,IGNITION,TME27	1
34-	111831GT	COIL IGNITION,TME27	
34-	111832GT	BRACKET,IGNITION COIL,TME27	
34-	111833GT	NUT,CLINCH,10-32 X 1	
34-	111834GT	SPACER,.20 ID X .50 OD X .4 LG	
34-	111835GT	SCREW,SHC,10-32 X 1	
34-	6607GT	WASHER,LOCK,#10 PLTD	
35	111844GT	FITTING,OIL PAN BREATHER,TME27	1
36	111848GT	ENGINE MOUNT,LEFT FRONT,TME27	1
37	111880GT	HOSE,LOWER RADIATOR, TME27	1
38	111358GT	CONT FAN GUARD FT W/WORD DECAL	1
38-	111871GT	GUARD,FAN,FRONT,TME27	
39	111872GT	SCREW,FRONT FAN GUARD,TME27	4
40	111873GT	GUARD,FAN REAR,TME27	1
40-	111874GT	SCREW,REAR FAN GUARD,TME27	

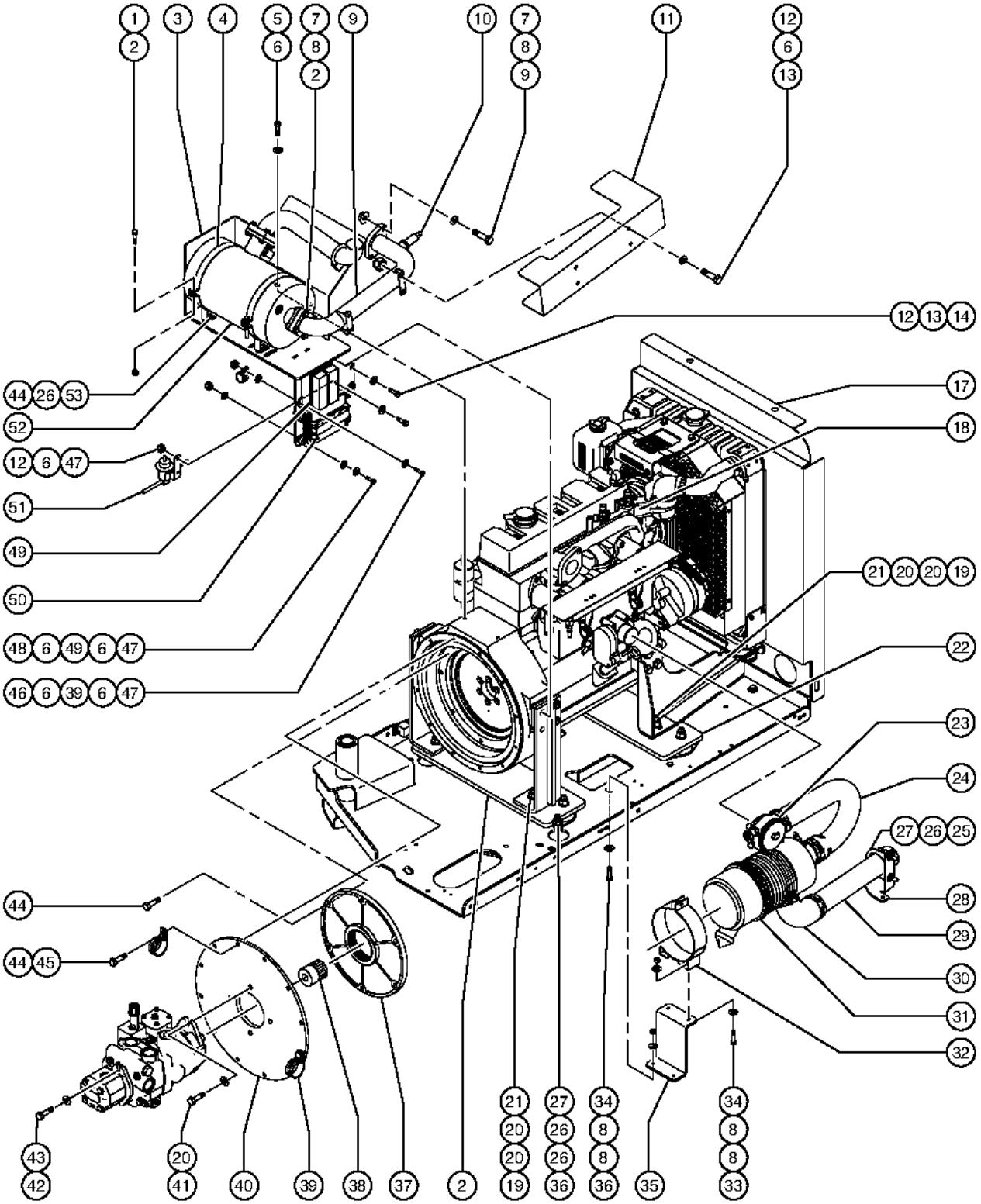
421.1 Continental TME-27 Eninge - View 2



421.1 Continental TME-27 Eninge - View 2

Item	Part No.	Description	Qty.
41	39479GT	SCREW,HHC,1/2-13 X 2.75	
42	111850GT	WASHER,ISOLATOR,TME27	2
43	111851GT	ISOLATOR,RADIATOR,TME27	2
44	111849GT	BRACKET,LOWER RAD,TME27	1
45	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
46	6097GT	WASHER, FLAT, USS, 3/8", Y	
47	4828GT	NUT, NYLOCK, 3/8-16	
48	111359GT	CONT RADR ASSY W/WORD DECAL	1
48-	111855GT	RADIATOR,CONTINTNTAL	
48-	111864GT	PETCOCK,RADIATOR,1,4NPT	
49	111865GT	CAP,RADIATOR,TME27	1
50	45435GT	CLAMP,HOSE,2.50"	4
51	111852GT	BRACKET,UPPER SUPPORT,TME27	1
52	111881GT	HOSE,UPPER RADIATOR, TME27	1

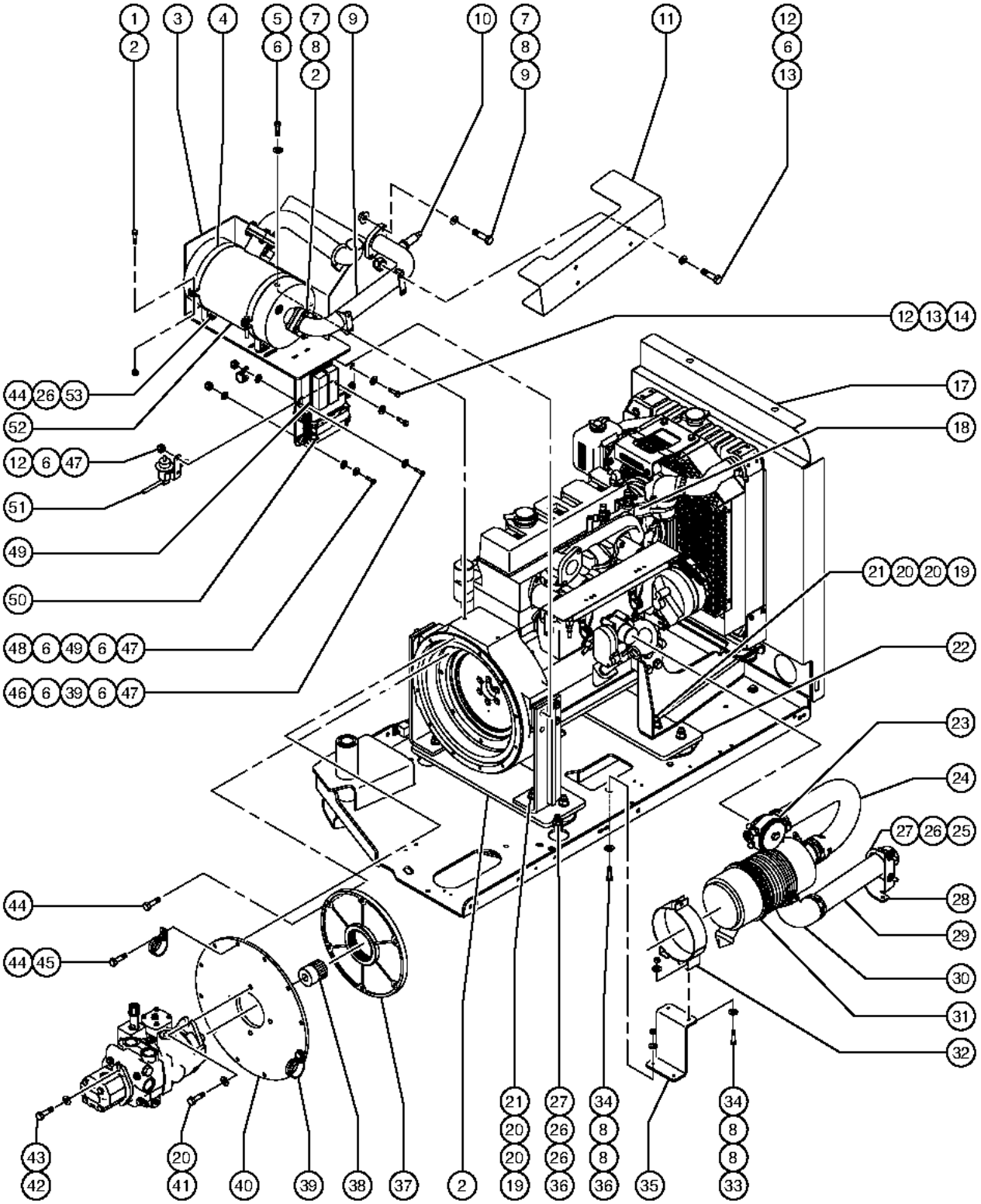
422.1 Continental TME-27 Engine - View 3



422.1 Continental TME-27 Engine - View 3

Item	Part No.	Description	Qty.
1	8178GT	SCREW, HHC, 3/8-16 X 2.5	
2	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
3	111799PGT	WELDMENT,MUFFLER MOUNT,PTD	1
4	119051GT	MOUNTING BAND,MUFFLER,8.0"	2
5	10107GT	SCREW,HHC,5/16-18 X .75	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	61741GT	SCREW,HHC,5/16-18 X 1.50	
8	5397GT	WASHER, FLAT, USS, 5/16-18	
9	111794GT	WELDMENT,EXHAUST COLL.PIPE	1
10	111911GT	SENSOR,O2,CAT MUFFLER,DISCH	1
11	111810GT	FORMING,HEAT SHIELD,EXH PIPE	1
12	6090GT	SCREW, HHC, 1/4-20 X .75	
13	111805GT	NUT,LOCK,HEX,M10	
14	5224GT	SCREW,HHC,3/8-16 X 2	
15	6021GT	WASHER, LOCK, .375	
16	19934GT	WASHER,3/8 HARD.STEEL-FLAT,USS	2
17	111812PGT	FORMING,RADIATOR BAFFLE,PTD	1
18	111887GT	MANIFOLD,COOLANT, TME27	1
18-	111886GT	GASKET,MANIFOLD,COOLANT,TME27	
19	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
20	13066GT	WASHER,FLAT,.5 HARDENED	
21	6198GT	NUT, NYLOCK, 1/2-13	
22	111801PGT	PLATE,ENGINE MOUNT,PTD	1
23	111920GT	MIXER,TME 2.7L,ENGINE	1
24	111815GT	HOSE,AIR CLEANER TO MIXER	1
25	71911GT	CLAMP,MUFFLER, 2.50 INCH	1
26	6097GT	WASHER, FLAT, USS, 3/8", Y	
27	4828GT	NUT, NYLOCK, 3/8-16	

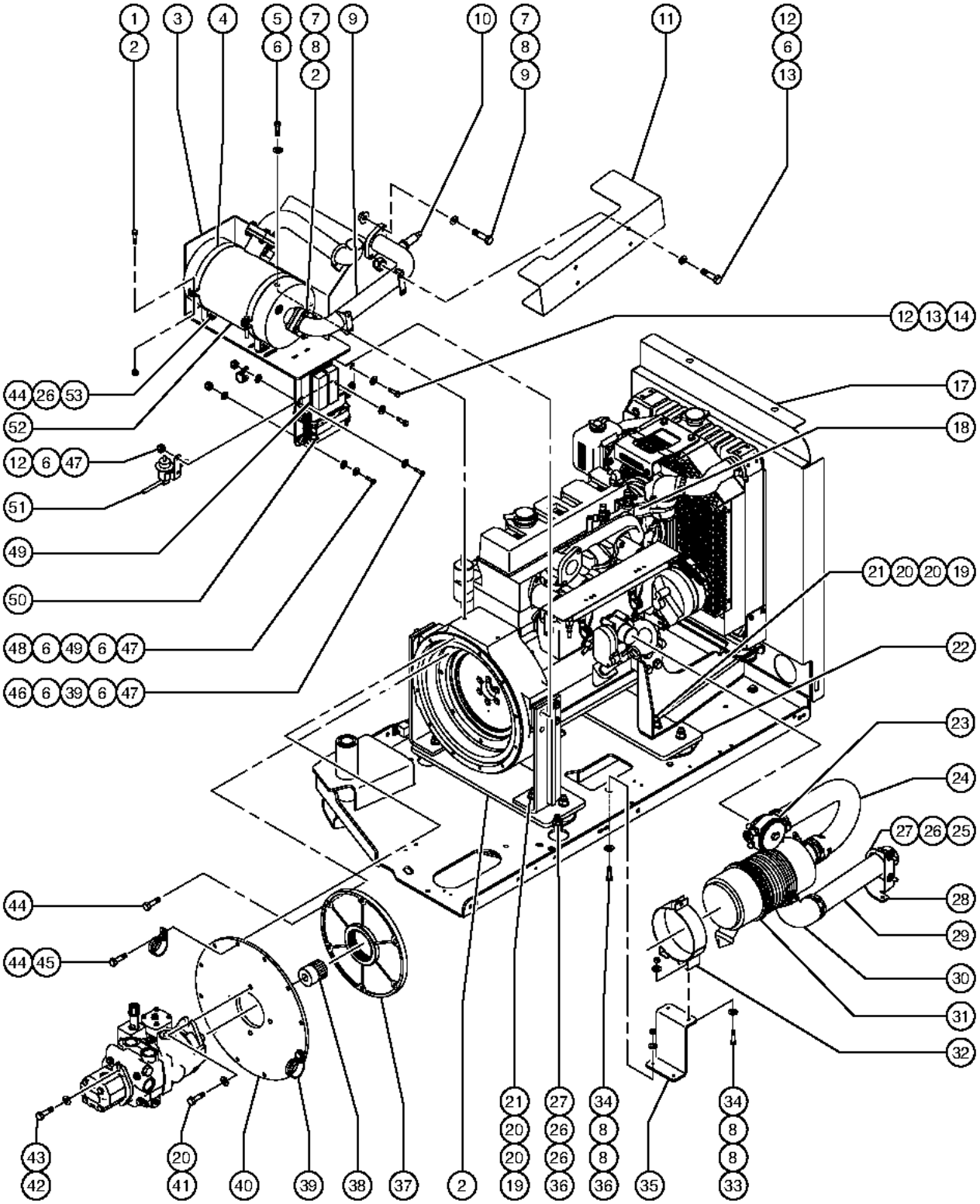
422.1 Continental TME-27 Engine - View 3



422.1 Continental TME-27 Engine - View 3

Item	Part No.	Description	Qty.
28	111800PGT	FORMING,INTAKE TUBE BRCKT,PTD	1
29	111803GT	TUBE,INTAKE,AIR CLEANER	1
30	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	1
30-	45435GT	CLAMP,HOSE,2.50"	
30-	35434GT	CLAMP,HOSE,2.00***	
31	111634GT	AIR CLEANER,FORD,T3	1
31-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
31-	227988GT	VACUATOR VALVE	
31-	77295GT	FILTER ELEMENT,AIR,NOLFF LPG	
31-	58247GT	AIR CLEANER CAP/ FORD/NOLFF***	
31-	1277991GT	CLIP,AIR CLEANER COVER (58247) for 58247	
32	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
33	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
34	6782GT	NUT, NYLOCK, 5/16-18	
35	111804PGT	FORMING,AIR CLEANER MOUNT,PTD	1
36	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
37	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
38	111862GT	COUPLER,HUM,15T X 50T	1
39	60838GT	CLAMP, 1.00, #16 x 1/4, RUB CUSH	1
40	111861GT	PLATE,PUMP MOUNT,SAE 4	1
41	8177GT	SCREW,HHC,1/2-13 X 1.5	
42	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
43	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
44	6175GT	SCREW,HHC,3/8-16 X 1	
45	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	2
46	6888GT	SCREW, HHC, 1/4-20 X 1	
47	6091GT	NUT,NYLOCK,1/4-20	
48	6637GT	SCREW,HHC,1/4-20 X 1.75	

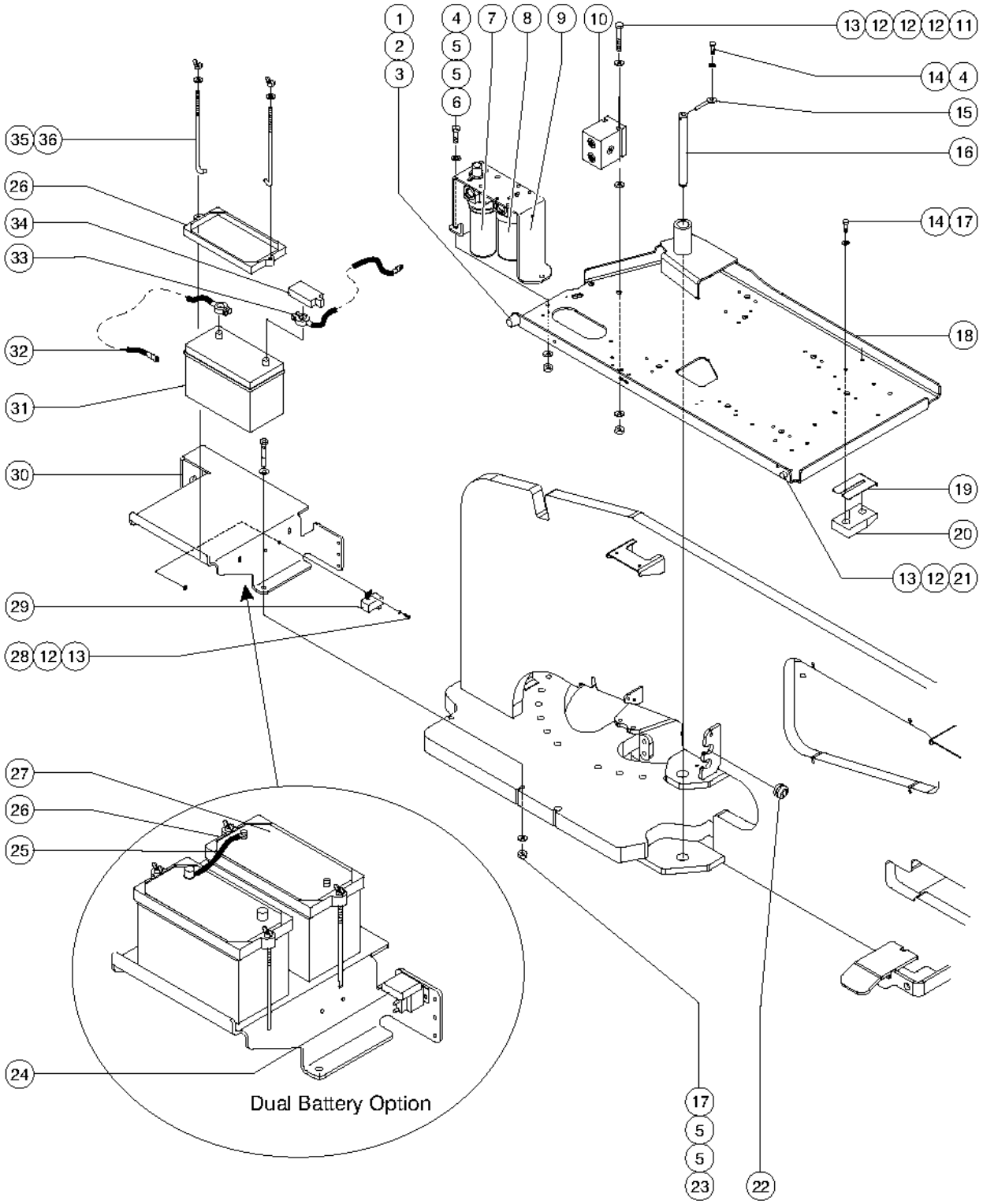
422.1 Continental TME-27 Engine - View 3



422.1 Continental TME-27 Engine - View 3

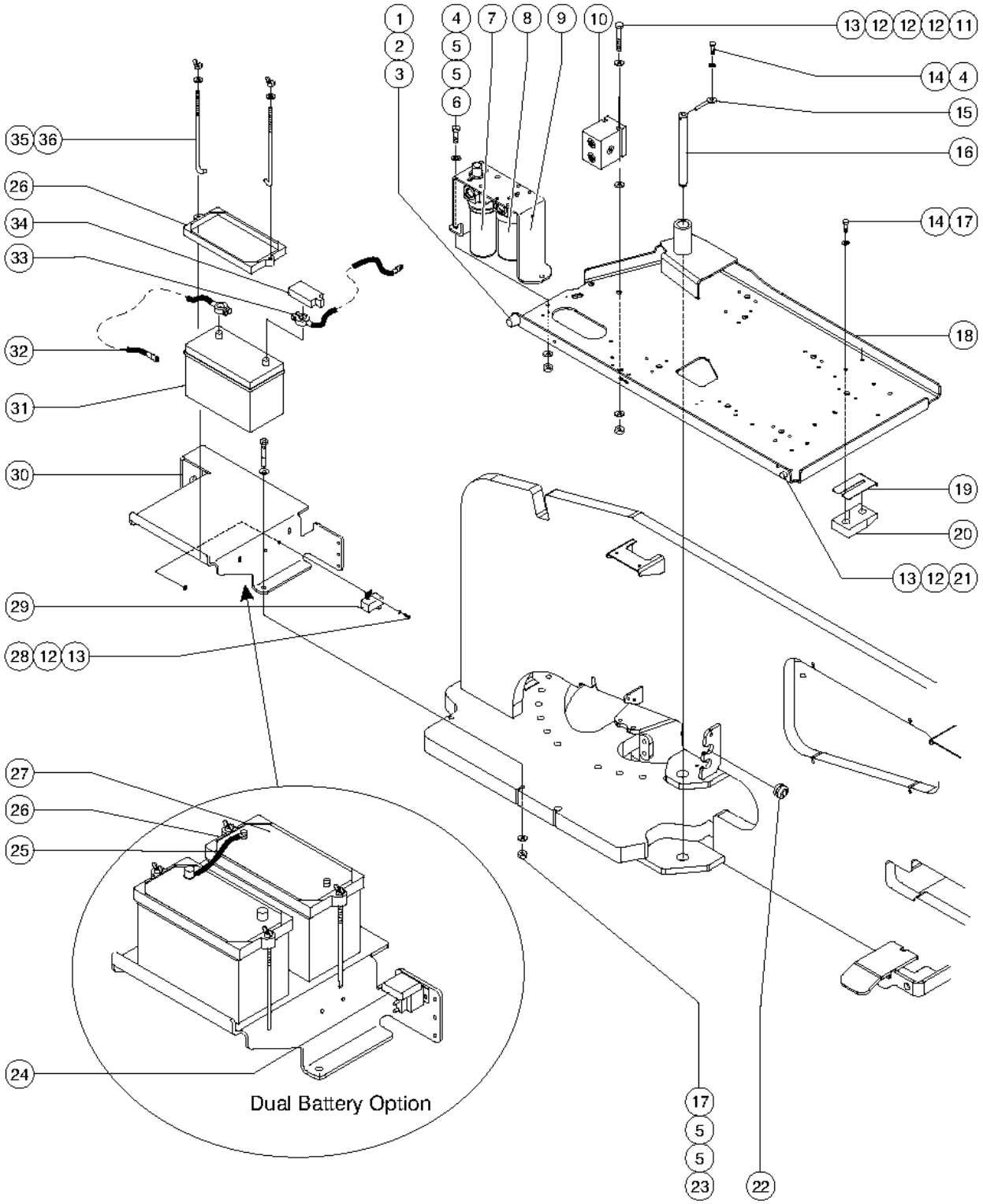
Item	Part No.	Description	Qty.
49	111912GT	CONTROL MODULE,(GCP),TME27	1
50	122074GT	HARN,ENG,CONT,TME27,S80/85	1
50-	111907GT	HARNESS, TME27 ENGINE,EPA2006	
50-	111806GT	HARNESS,STARTER RELAY TME27	
51	111914GT	REGULATOR,FUEL PRESS. TME27	1
52	111710GT	MUFFLER,CATALYTIC,CONTINENTAL	1
52-	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	
53	48425GT	NUT,FLG-LRG,3/8-16,YZ	

423.1 Engine Tray and Battery



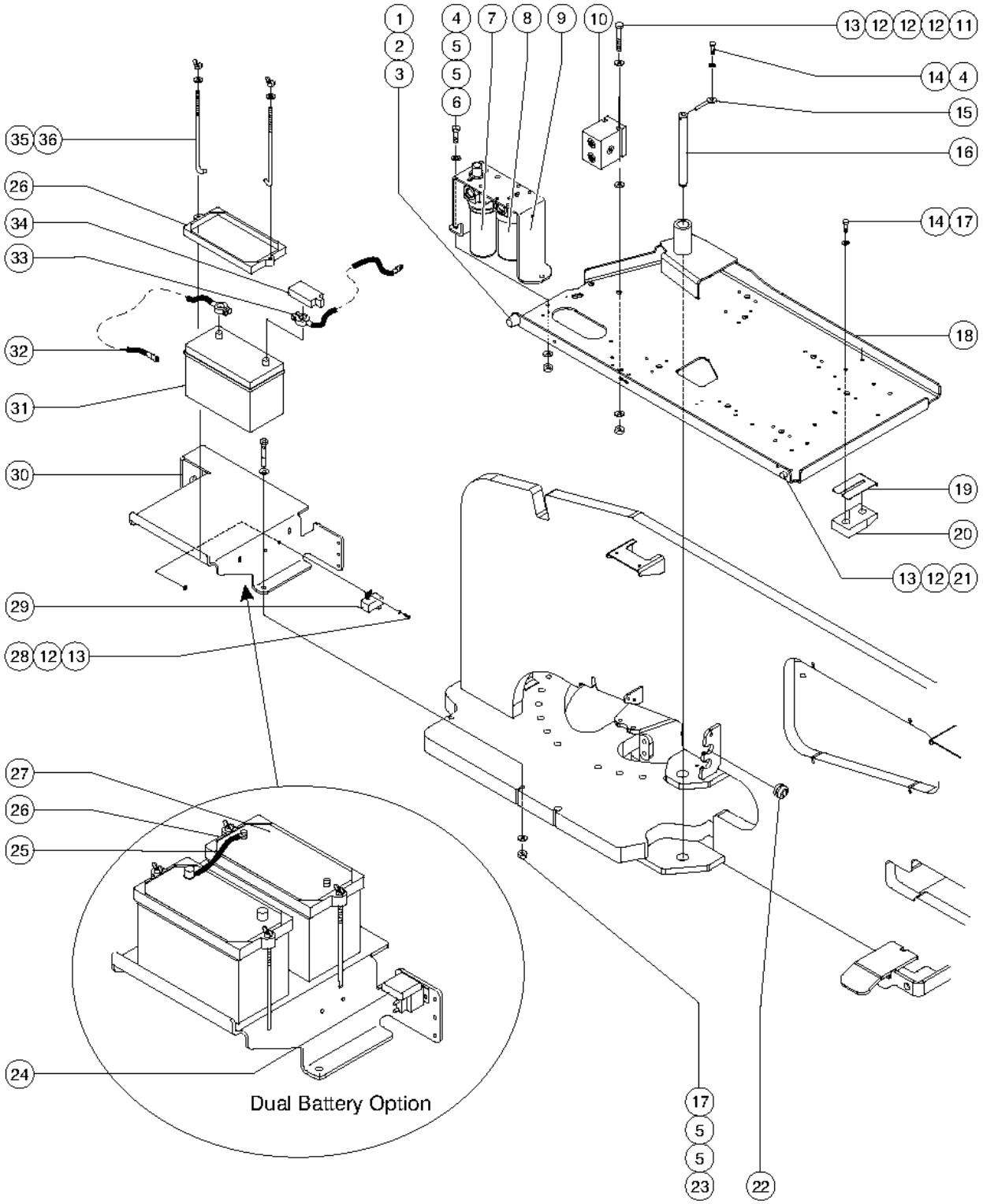
Item	Part No.	Description	Qty.
	101646GT	ACCESSORY,2ND BATTERY,S80/85 Deutz, Perkins models	
	122264GT	ACCESS,2ND BATT,S80/85 PERKINS from SN 6162	
	122265GT	ACCESS,2ND BATT,S80/85 CONTNTL from SN 6162	
	122239GT	HARNESS,BAT2+ TO SEPARATR MAIN	
	122240GT	HARNESS,BAT1+ TO SEPARATOR AUX	
	122241GT	HARNESS,BAT2- TO SEPARATOR GND	
1	30973GT	BUMPER,RUBBER-1 X 1.25	1
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	6782GT	NUT, NYLOCK, 5/16-18	
4	6175GT	SCREW,HHC,3/8-16 X 1	
5	5397GT	WASHER, FLAT, USS, 5/16-18	
6	7713GT	NUT, LP NYLOCK, 3/8-16	
7	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
7-	58222GT	O-RING,FILTER ASSY (60334)***	
7-	58223GT	SEAL,FILTER ASSY (60334)***	
7-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
8		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
8-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
8A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
8A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
9	81005PGT	BRACKET,FILTER MOUNT,PAINTED	1
10		Ref. Brake/Two Speed Manifold (refer to 703.1)	1
11	6090GT	SCREW, HHC, 1/4-20 X .75	
12	6638GT	WASHER, FLAT, USS, 1/4"Y	
13	6091GT	NUT,NYLOCK,1/4-20	
14	6021GT	WASHER, LOCK, .375	
15	825019GT	ROD END, .375X3.69, ZAG	1
16	81724GT	PIN,1.25 X 13.25 IN,CHAMFER	1

423.1 Engine Tray and Battery



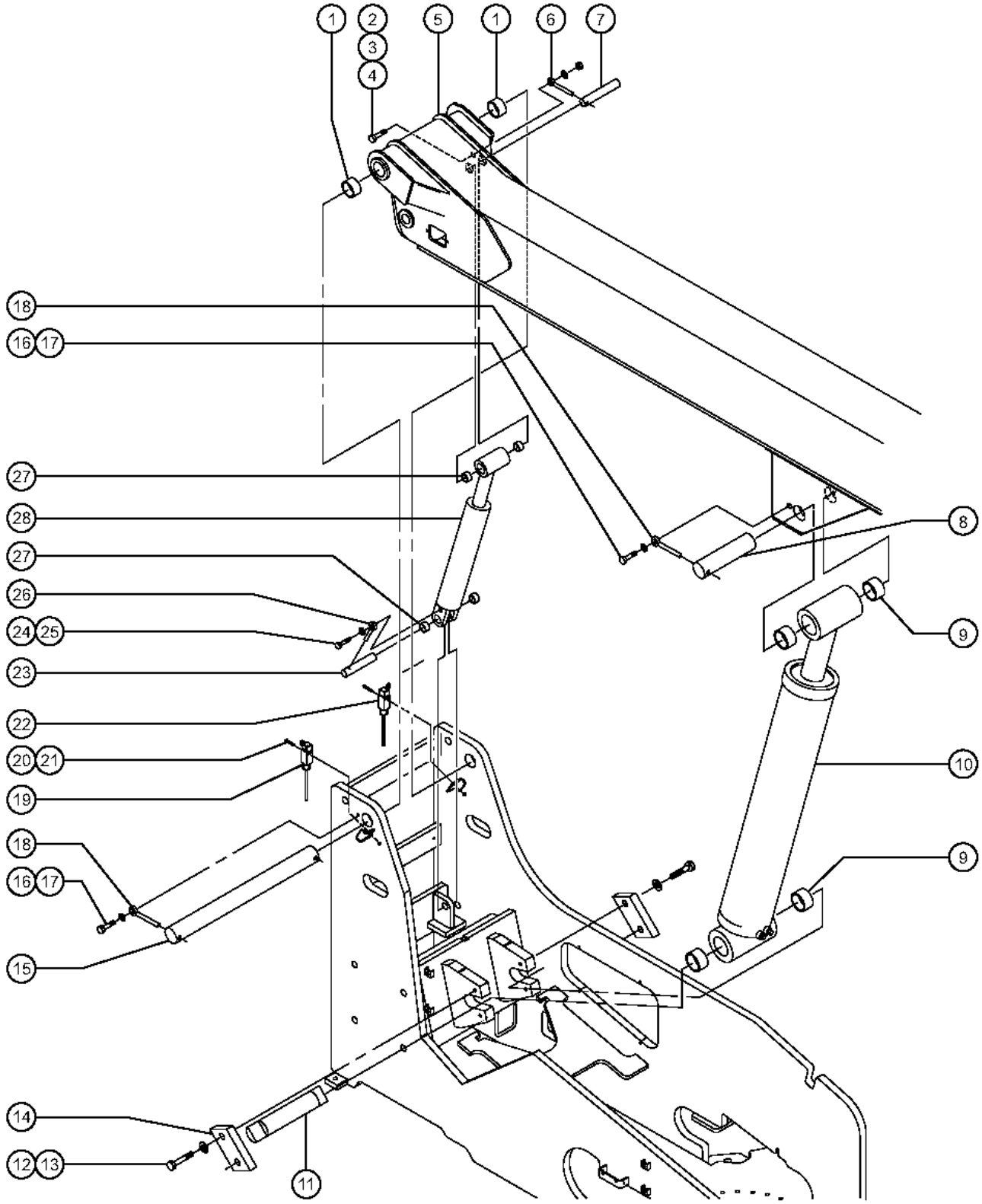
Item	Part No.	Description	Qty.
17	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
18	77825GT	ENGINE TRAY PIVOT ASSEMBLY Perkins Models; to SN 3737	1
18-	77825GT	ENGINE TRAY PIVOT ASSEMBLY Deutz Models; to SN 3772	1
18-	77825GT	ENGINE TRAY PIVOT ASSEMBLY GM Models	1
18-	101540GT	ENGINE TRAY ASSY W/BEARINGS Perkins Models; from SN 3738	
18-	101540GT	ENGINE TRAY ASSY W/BEARINGS Deutz Models; from SN 3773	
18-	101540GT	ENGINE TRAY ASSY W/BEARINGS Ford, Continental Models	
19	34344GT	SHIM, PAD, 3 x 5	2
20	81522GT	WEAR PAD, ENGINE TRAY	1
21	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	1
22	61189GT	GROMMET,RUBBER .75 X .38 X1.13	2
23	4828GT	NUT, NYLOCK, 3/8-16	
24	237068GT	SEPARATOR,DUAL BATTERY,100A	1
24-	214393GT	KIT, BATT SEPARATOR, ANSI/CSA includes part 237068	
24-	215209GT	KIT, BATT SEPARATOR, CE includes part 237068	
24-	215210GT	KIT, BATT SEPARATOR, AS includes part 237068	
25	122242GT	HARNESS, BAT1 TO BAT3 GND	
26	30144GT	BATTERY HOLD DOWN,GROUP 31	1
27	1303585GT	BATTERY, 12V, 950CCA, FLA	
28	6888GT	SCREW, HHC, 1/4-20 X 1	
29		CONTROLLER,GLOW PLUG (53883) to SN 3737; component no longer available	1
30	81615PGT	TRAY,BATTERY	1
31	1303581GT	BATTERY, 12V, 950CCA, FLA	1
32	81563GT	BATT.CABLE,2/0,BLACK,48" Deutz, GM, Continental models	1
32-	88157GT	BATTERY CABLE,2/0,BLACK,64" Perkins, Ford Models	
33	77901GT	BATT CABLE,00,POS.,RED,60" Deutz, GM, Continental Models	1
33-	101643GT	BATT.CABLE,00,POS.,RED,76" Perkins, Ford Models	
34	18189GT	BOOT,BATTERY TERMINAL,RED	1

423.1 Engine Tray and Battery



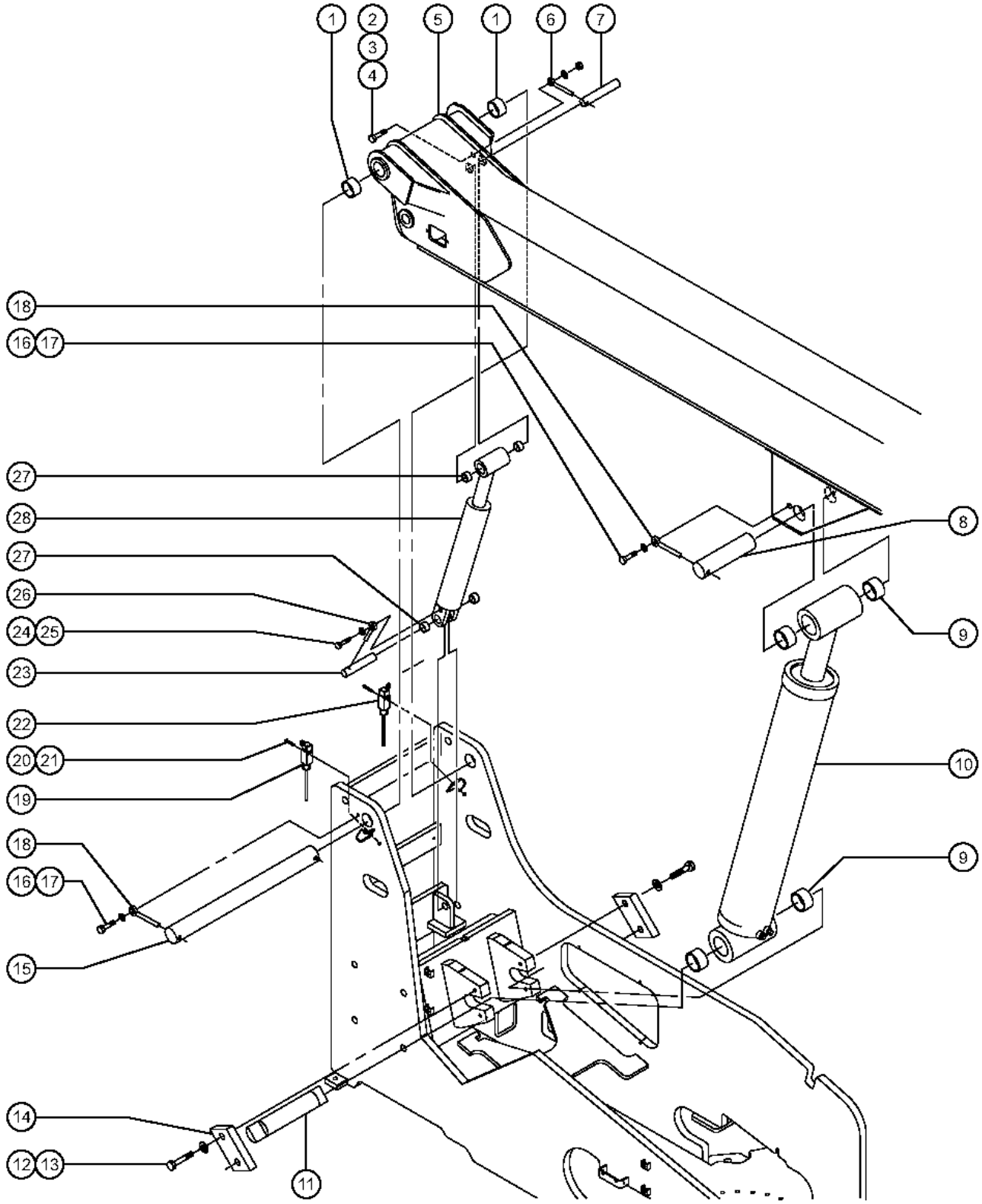
Item	Part No.	Description	Qty.
35	45708GT	HOOK,BATT HOLD DOWN,10"	2
36	8170GT	NUT,WING,1/4-20	2

501.1 Boom Installation, S-80



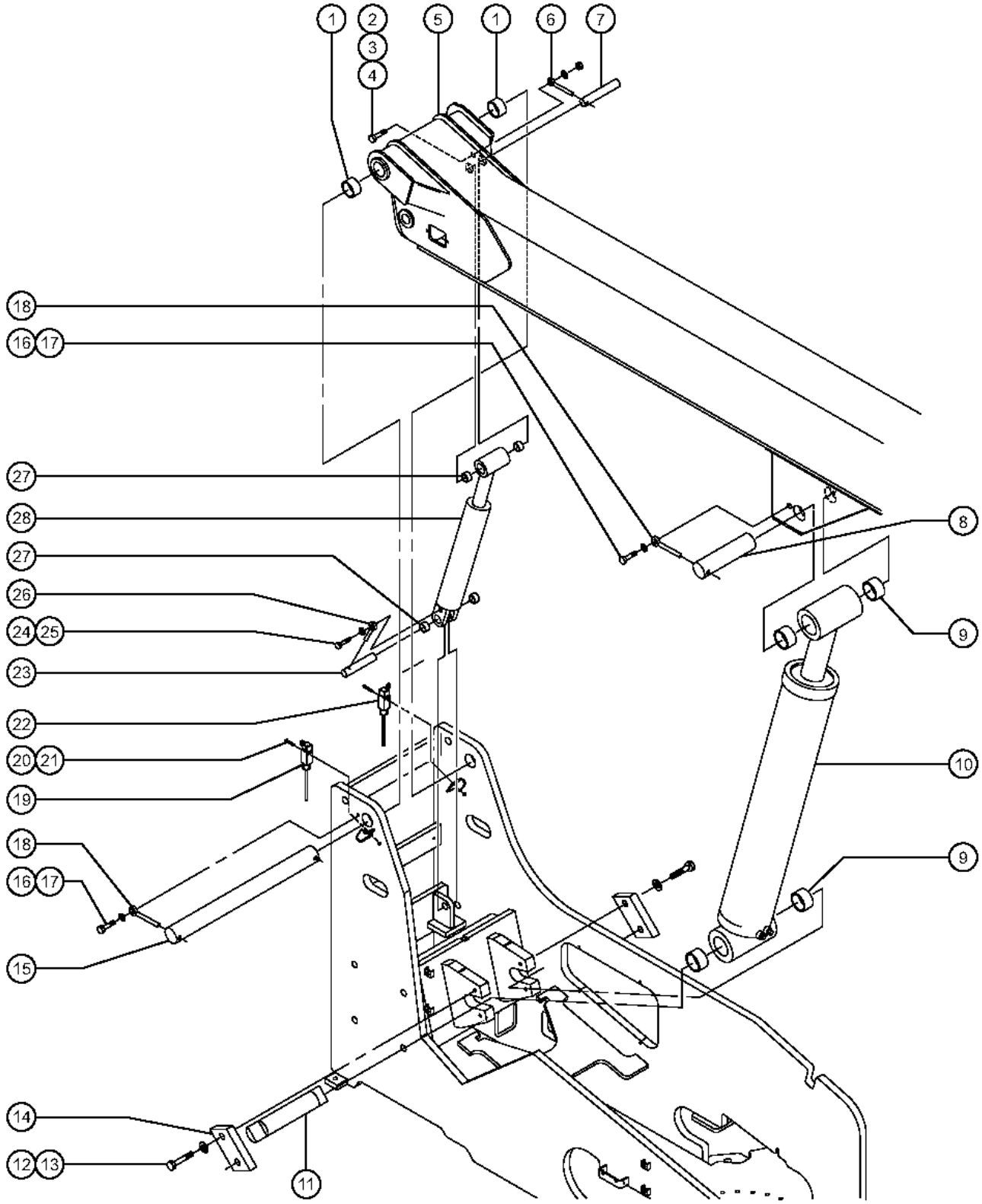
Item	Part No.	Description	Qty.
1	34131GT	BEARING,2.50IDX3.00ODX2.00L	2
2	5224GT	SCREW,HHC,3/8-16 X 2	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	77845GT	ASSY,S80 #1BOOM TUBE(2K)** includes item 1 (no longer available)	1
6	825019GT	ROD END, .375X3.69, ZAG	1
7	34270GT	PIN,1.25DIAX6.62LG,1HOLE	1
8	34269GT	PIN,2.50DIAX13.75LG,1HOLE	1
9	27698GT	BEARING,2.50IDX2.75ODX2.00L	4
10	63204GT	CYLINDER,LIFT,S80*** includes item 9	1
10-	63344GT	SEAL KIT,CYL,S80 (63204)	
10-	33428GT	VALVE,COUNTERBALANCE	
10-	43018GT	SEAL KIT (39345)	
11	33823GT	PIN,PRI.CYL,/SWING CHASSIS	1
12	33557GT	SCREW,HHC,3/4-10 X 2.00,GR5	
13	34550GT	WASHER,LOCK,.75 PLTD	
14	33822PGT	PIN RETAINER,PRI.CYL.BLUE	2
15	34271GT	PIN,2.50DIAX29.13LG,1HOLE	1
16	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
17	6033GT	WASHER,LOCK,0.5"	
18	1256267GT	ROD END,.5 X 3.75,ZAG	2
19	111380GT	HARNESS,L.S.OPERATIONAL,ANGLE	1
19-	88356-322P3GT	SWITCH,LIMIT,W/RLR ARM,PLASTIC	
19-	97232GT	CONTACTOR-LIMIT SWITCH**	
19-	97128GT	ROLLER ARM,LIMIT SWITCH***	
20	6179GT	SCREW,RHM,10-32 X 1.25	
21	6178GT	NUT, NYLOCK, 10-32	
22	111379GT	HARNESS,L.S.SAFETY,BOOM ANGLE	1

501.1 Boom Installation, S-80



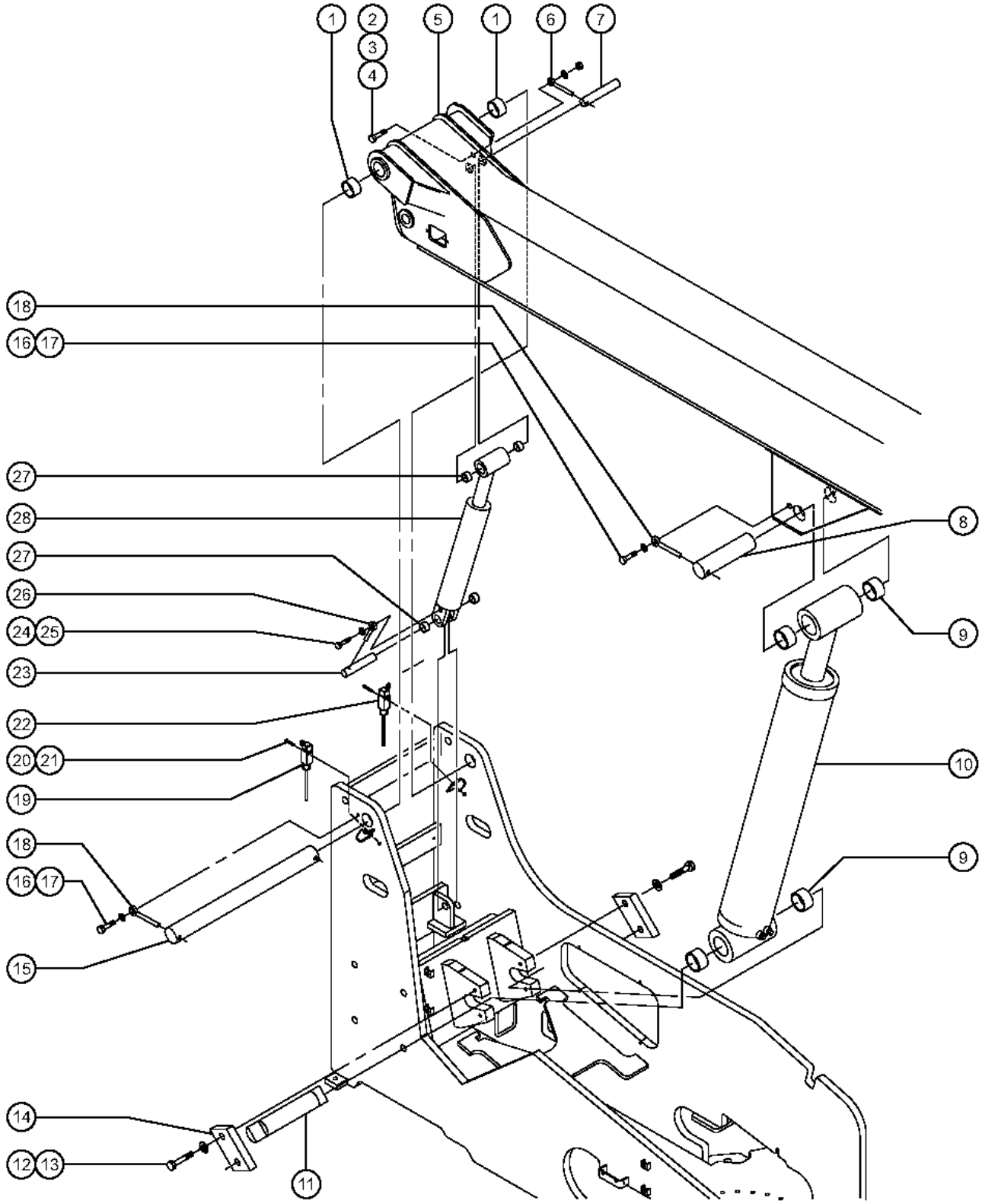
Item	*Part No.*	*Description*	*Qty.*
22-	88356-222N3GT	SWITCH,LIMIT,W/RLR ARM,PLASTIC	
22-	97231GT	CONTACTOR,LIMIT SWITCH**	
22-	97128GT	ROLLER ARM,LIMIT SWITCH***	
23	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
24	6175GT	SCREW,HHC,3/8-16 X 1	
25	6021GT	WASHER, LOCK, .375	
26	1255452GT	ROD END,.375 X 2.25,ZAG	2
27	25683GT	BEARING,POLYGON,20DU12	4
28	63209GT	CYLINDER,MASTER*** includes item 27	1
28	63349GT	SEAL KIT,CYL (63209)	

501.2 Boom Installation, S-85



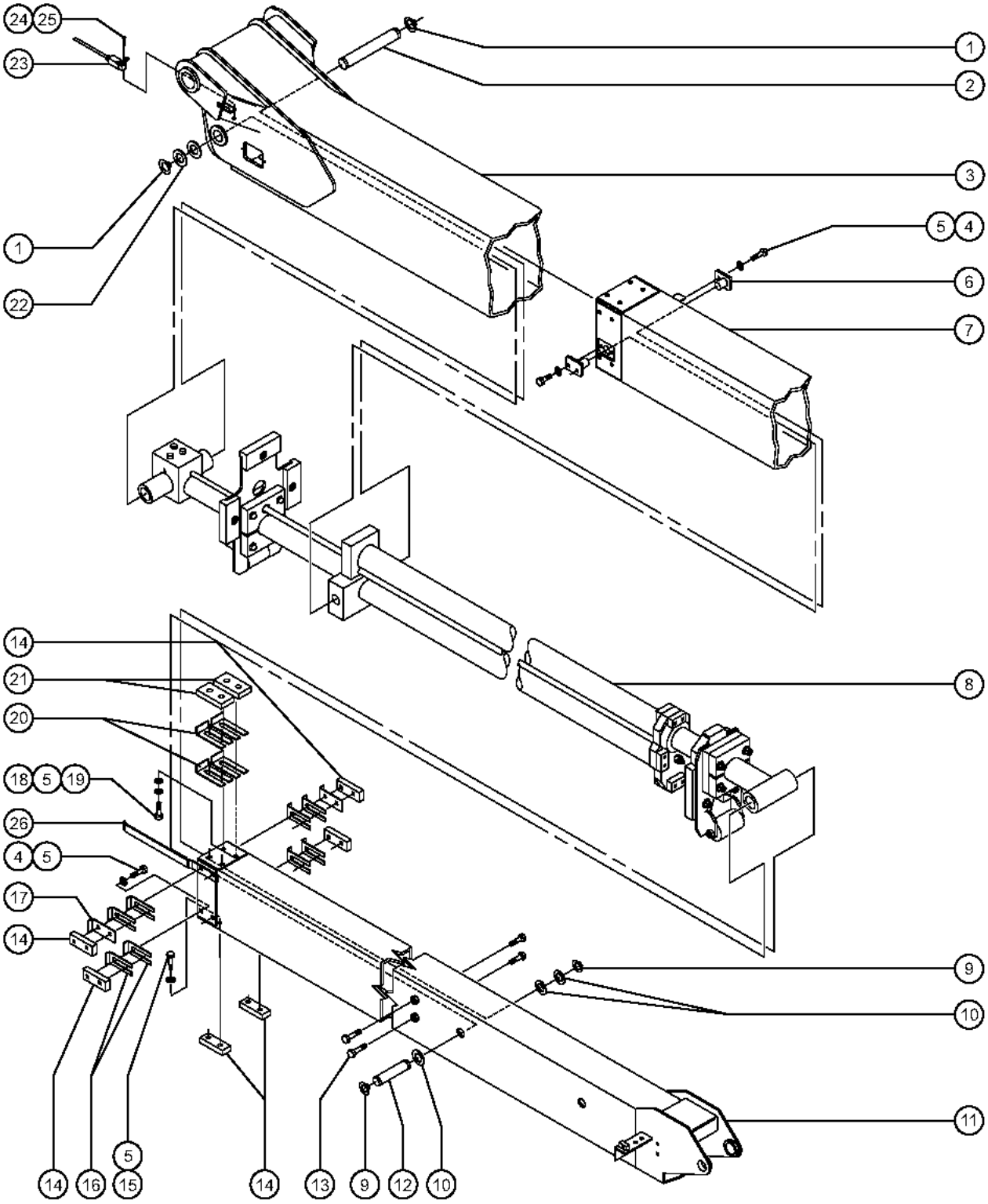
Item	Part No.	Description	Qty.
1	34131GT	BEARING,2.50IDX3.00ODX2.00L	2
2	5224GT	SCREW,HHC,3/8-16 X 2	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	227152GT	ASSY,S85 #1 BOOM TUBE,(2K) includes item 1	1
6	825019GT	ROD END, .375X3.69, ZAG	1
7	34270GT	PIN,1.25DIAX6.62LG,1HOLE	1
8	34269GT	PIN,2.50DIAX13.75LG,1HOLE	1
9	27698GT	BEARING,2.50IDX2.75ODX2.00L	4
10	63204GT	CYLINDER,LIFT,S80*** includes item 9	1
10-	63344GT	SEAL KIT,CYL,S80 (63204)	
10-	33428GT	VALVE,COUNTERBALANCE	
10-	43018GT	SEAL KIT (39345)	
11	33823GT	PIN,PRI.CYL,/SWING CHASSIS	1
12	33557GT	SCREW,HHC,3/4-10 X 2.00,GR5	
13	34550GT	WASHER,LOCK,.75 PLTD	
14	33822PGT	PIN RETAINER,PRI.CYL.BLUE	2
15	34271GT	PIN,2.50DIAX29.13LG,1HOLE	1
16	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
17	6033GT	WASHER,LOCK,0.5"	
18	1256267GT	ROD END,.5 X 3.75,ZAG	2
19	111380GT	HARNESS,L.S.OPERATIONAL,ANGLE	1
19-	88356-322P3GT	SWITCH,LIMIT,W/RLR ARM,PLASTIC	
19-	97232GT	CONTACTOR-LIMIT SWITCH**	
19-	97128GT	ROLLER ARM,LIMIT SWITCH***	
20	6179GT	SCREW,RHM,10-32 X 1.25	
21	6178GT	NUT, NYLOCK, 10-32	
22	111379GT	HARNESS,L.S.SAFETY,BOOM ANGLE	1

501.2 Boom Installation, S-85



Item	*Part No.*	*Description*	*Qty.*
22-	88356-222N3GT	SWITCH,LIMIT,W/RLR ARM,PLASTIC	
22-	97231GT	CONTACTOR,LIMIT SWITCH**	
22-	97128GT	ROLLER ARM,LIMIT SWITCH***	
23	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
24	6175GT	SCREW,HHC,3/8-16 X 1	
25	6021GT	WASHER, LOCK, .375	
26	1255452GT	ROD END,.375 X 2.25,ZAG	2
27	25683GT	BEARING,POLYGON,20DU12	4
28	63209GT	CYLINDER,MASTER*** includes item 27	1
28	63349GT	SEAL KIT,CYL (63209)	

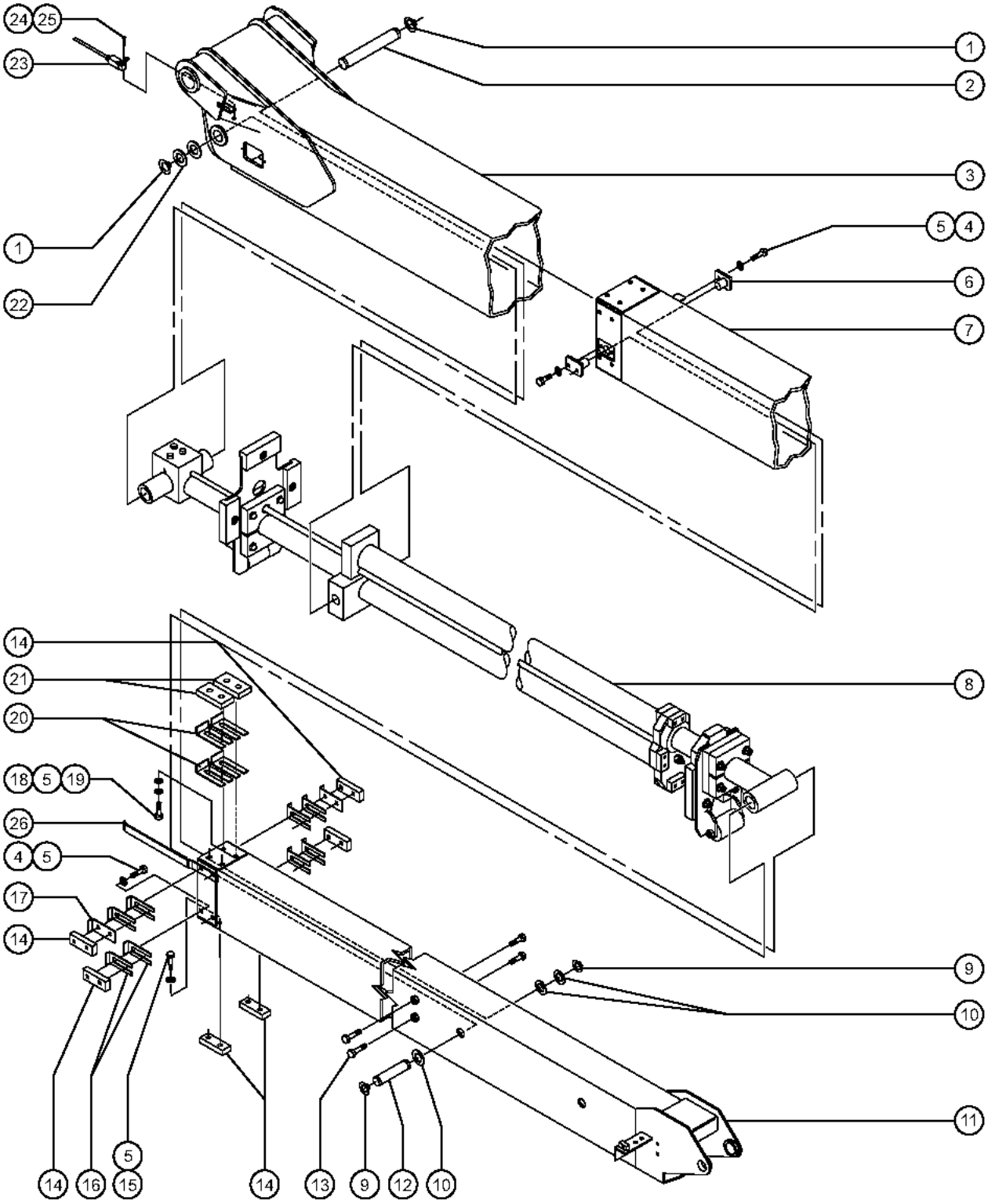
502.1 Extension Boom - View 1



502.1 Extension Boom - View 1

Item	Part No.	Description	Qty.
	128173GT	KIT,SLAVE CYL & EXT CYL PINS includes items 9 and 12	
1	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	2
2	34268GT	PIN,1.50DIAX14.41LG,2RING	1
3		Ref. Number 1 Boom Tube Assembly with Decal (refer to 501.1)	
4	6175GT	SCREW,HHC,3/8-16 X 1	
5	6021GT	WASHER, LOCK, .375	
6	34170-SGT	EXT.CYL.MOUNTING PIN WLDMT.	2
7	81429GT	WELDMENT,BOOM SECTION#2 S80/85	1
8		Ref. Boom Extension Cylinder Assembly (refer to 504.1)	
9	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	2
10	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
11	227151GT	ASSY,S80/85 #3 BOOM TUBE	1
12	T108079GT	PIN,1.25DIAX8.30LG,2RING	1
13	6090GT	SCREW, HHC, 1/4-20 X .75	
14	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	6
15	8255GT	SCREW,HHC,3/8-16 X .75	
16	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	as needed
17	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	as needed
18	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
19	6097GT	WASHER, FLAT, USS, 3/8", Y	
20	34344GT	SHIM, PAD, 3 x 5	as needed
21	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS	2
22	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	as needed
23	81456GT	HARNESS,LMT SWITCH,BOOM EXT/RE	1
23-	88356-31163GT	SWITCH,LIMIT,W/R/R***	

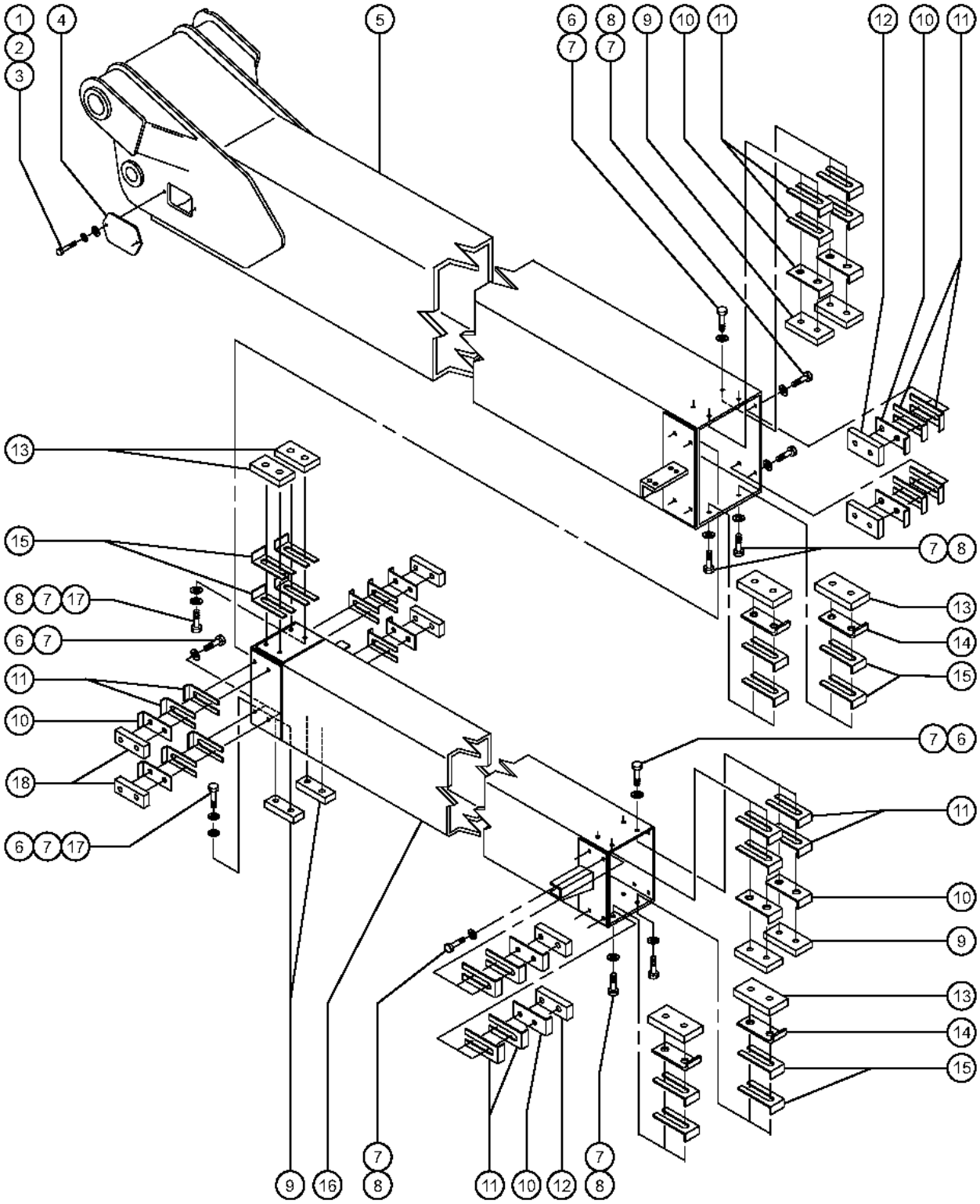
502.1 Extension Boom - View 1



502.1 Extension Boom - View 1

Item	Part No.	Description	Qty.
23-	97232GT	CONTACTOR-LIMIT SWITCH**	
23-	97128GT	ROLLER ARM,LIMIT SWITCH***	
24	6179GT	SCREW,RHM,10-32 X 1.25	
25	6178GT	NUT, NYLOCK, 10-32	
26	81689PGT	FORMING,LIMIT SWITCH PAINTED	1

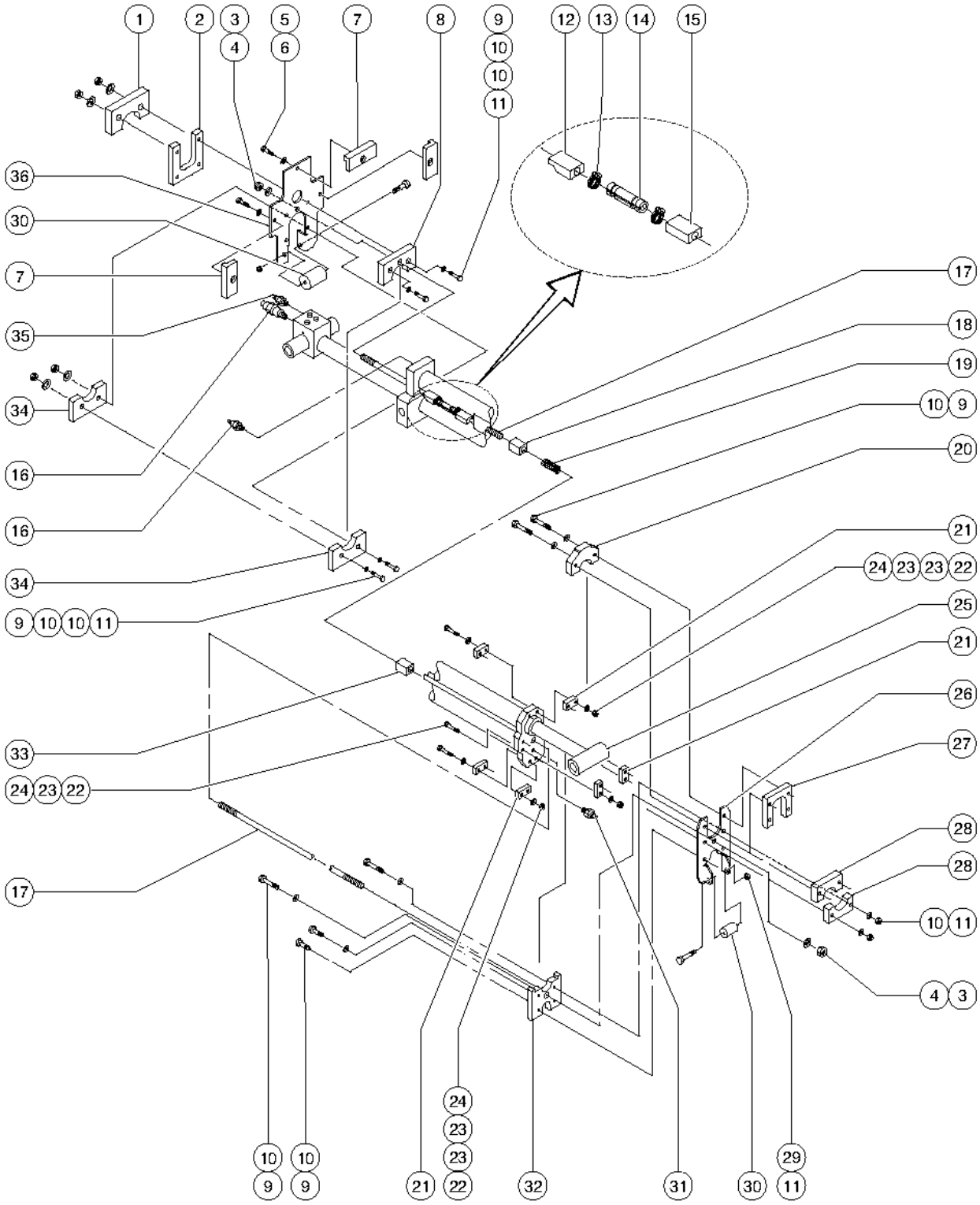
503.1 Extension Boom - View 2



503.1 Extension Boom - View 2

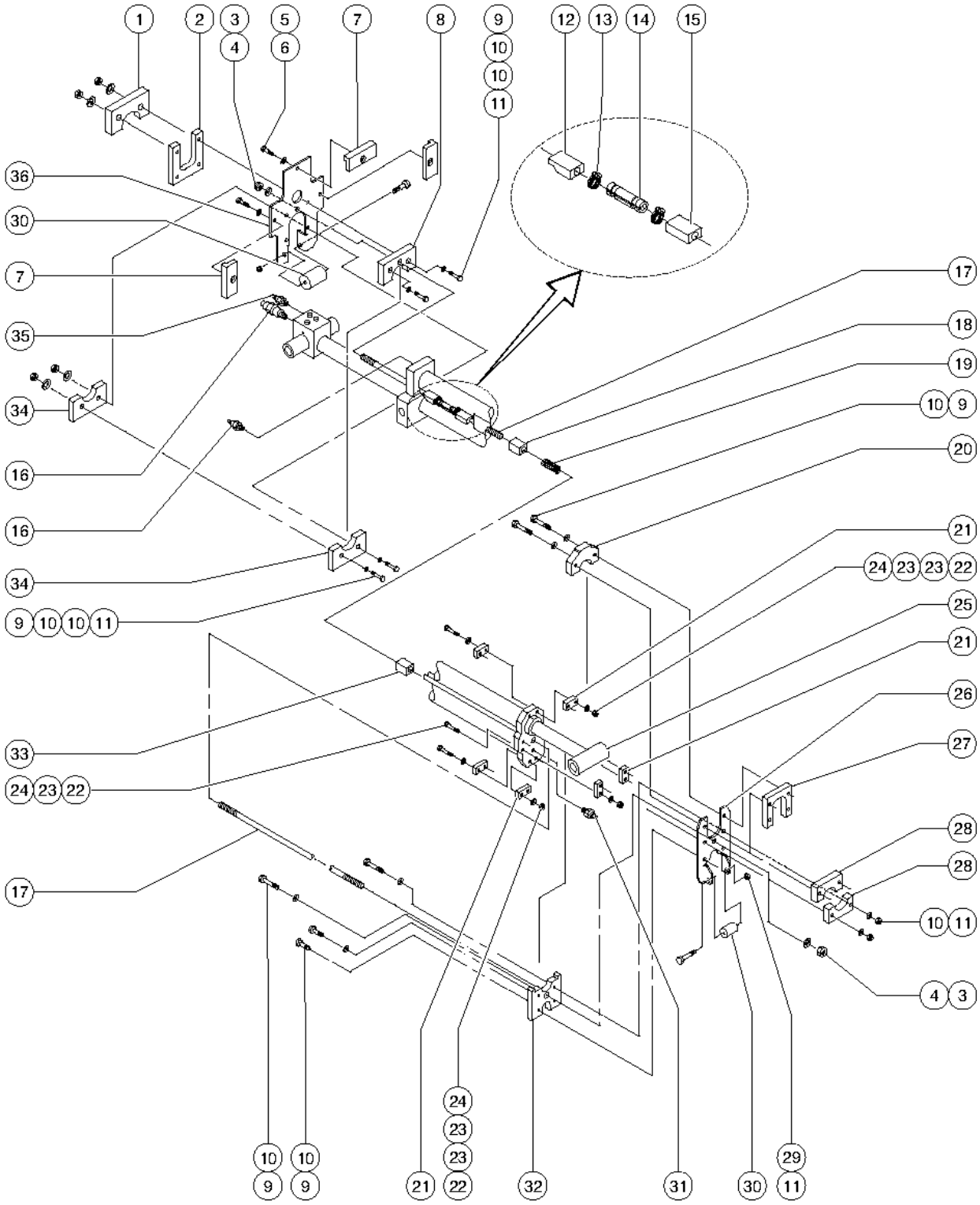
Item	Part No.	Description	Qty.
1	7339GT	SCREW,HHC,1/4-20 X .5	
2	6356GT	WASHER,LOCK,.25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	34284PGT	COVER,BOOM SECTION #1 PNTD	2
5		Ref. Number 1 Boom Tube Assembly with Decal (refer to 501.1)	
6	6175GT	SCREW,HHC,3/8-16 X 1	
7	6021GT	WASHER, LOCK, .375	
8	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
9	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	6
10	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	as needed
11	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	as needed
12	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	8
13	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS	6
14	38621GT	SHIM, PAD, 5 x 3	as needed
15	34344GT	SHIM, PAD, 3 x 5	as needed
16	81429GT	WELDMENT,BOOM SECTION#2 S80/85	1
17	6097GT	WASHER, FLAT, USS, 3/8", Y	
18	30137GT	WEAR PAD,5 X 1.5 X .50 W/NUTS	4

504.1 Extension Cylinder Assembly



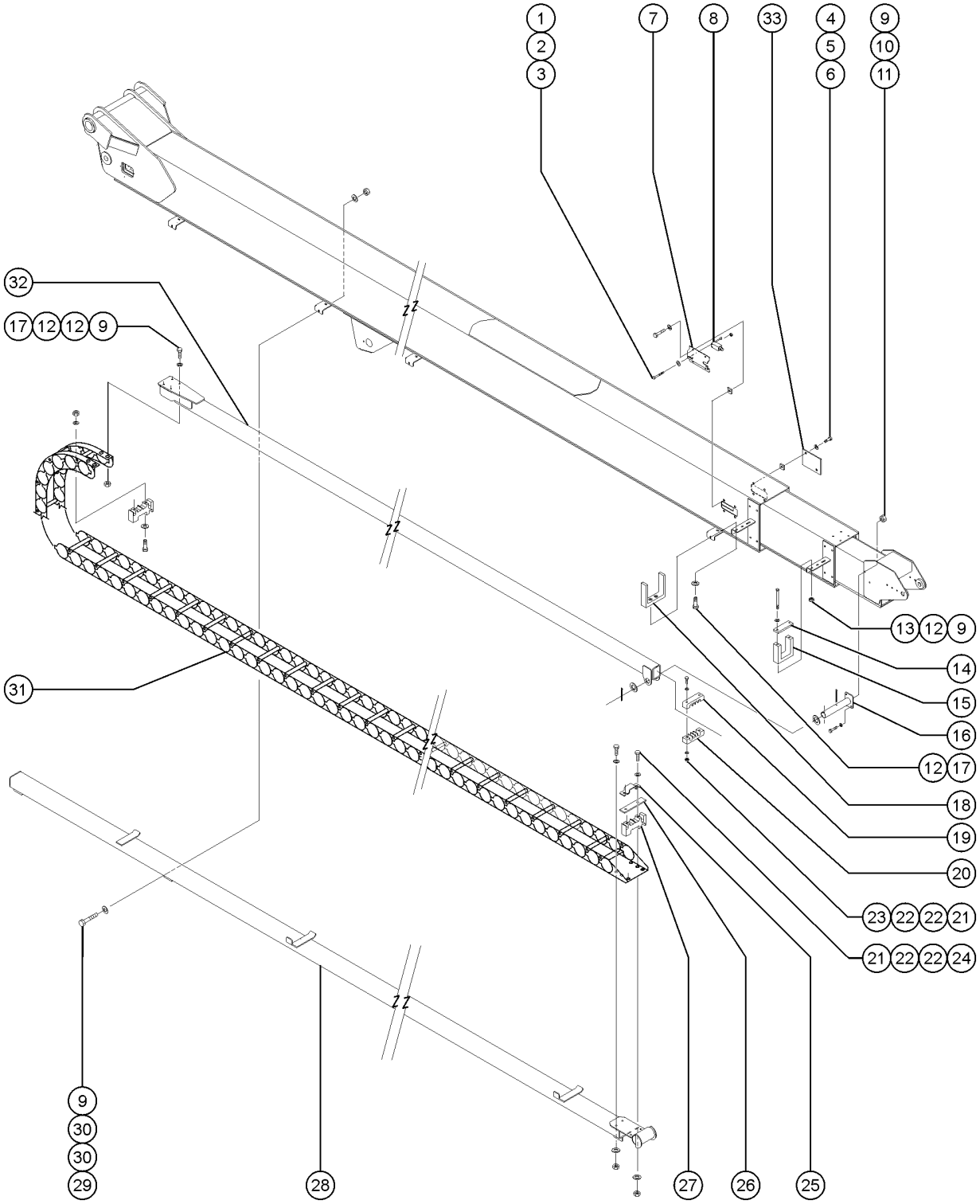
Item	Part No.	Description	Qty.
1	73878GT	WEAR PAD,BOTTOM ROD	1
2	73877GT	SPACER,BOTTOM ROD	1
3	6086GT	NUT,LP NYLOCK,1/2-13	
4	73882GT	WASHER,UHMW SPHERE	
5	6175GT	SCREW,HHC,3/8-16 X 1	
6	6021GT	WASHER, LOCK, .375	
7	73891GT	SPACER,SIDE	3
8	73879GT	WEAR PAD,BOTTOM ROD	1
9	8352GT	SCREW,HHC,3/8-16 X 3.75 GD 5	
10	5397GT	WASHER, FLAT, USS, 5/16-18	
11	4828GT	NUT, NYLOCK, 3/8-16	
12	73926GT	SPACER,OUTSIDE FRONT	2
13	81154GT	CLAMP,HOSE,SIZE .31 > .91	4
14	73961GT	CLAMP SLEEVE UHMW	2
15	73881GT	SPACER,OUTSIDE REAR	2
16	36188GT	VALVE,COUNTERBAL.CACA-LHN@2000	2
16-	43018GT	SEAL KIT (39345)	
17	73884GT	EXTENDING ROD	1
18	73890GT	SPACER,INSIDE to SN 6945	
18-	122714GT	SPACER,INSIDE from SN 6946	2
19	73885GT	SPRING, 7.030DX.558 IDX1.94 LG	2
20	73887GT	WEAR PAD,TOP ROD	1
21	53036GT	WEAR PAD,EXTENSION CYLINDER	5
21-	111089GT	WEAR PAD,EXTENSION CYLINDER	1
22	6889GT	NUT,LP NYLOCK,1/4-20	
23	6638GT	WASHER, FLAT, USS, 1/4"Y	
24	6884GT	SCREW,HHC,1/4-20 X 2.5	
25	63200GT	EXTENSION CYL ASSY,S80/85 includes items 16 and 30	1

504.1 Extension Cylinder Assembly



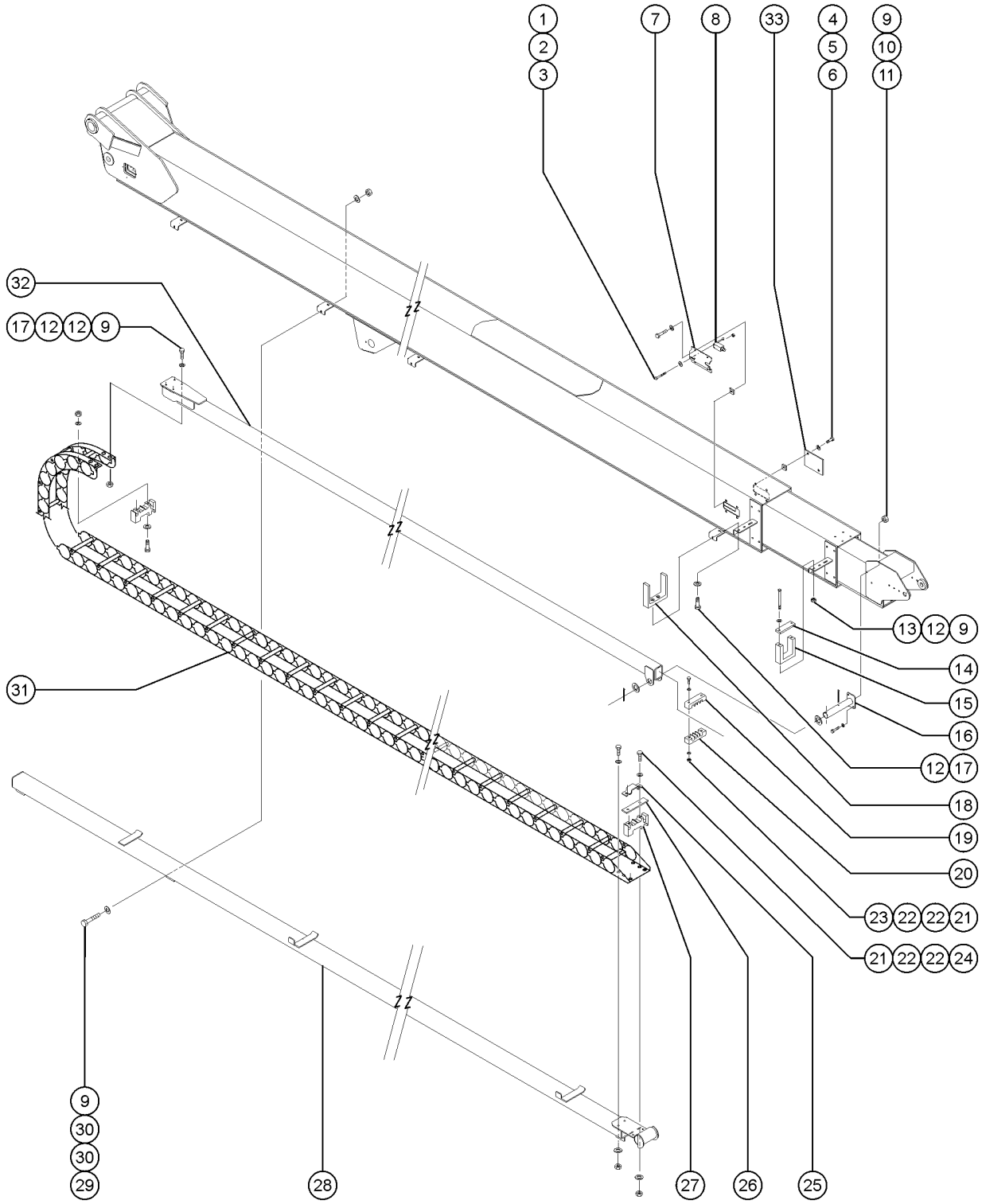
Item	Part No.	Description	Qty.
25-	63338GT	SEAL KIT,CYL,S80 (63200)*** UPPER EXTENSION CYLINDER	
25-	63339GT	SEAL KIT,EXT CYL (63200)*** LOWER EXTENSION CYLINDER	
25-	88001GT	CROSS OVER TUBE (63200, 63201) (short curved tube connecting the two cylinders, includes two fittings)	
25-	1260083GT	KIT, PIPING, S80/85 EXT. CYL (long tube connecting the two cylinders, includes pipe, fitting and o-ring))	
25-	9990290GT	EXTENSION GLAND NUT ASSY	
25-	9990291GT	EXTENSION GLAND NUT	
26	73886PGT	BRACKET,TOP ROD SUPPORT PAINT	1
27	73892GT	SPACER,TOP ROD	1
28	73888GT	WEAR PAD,TOP ROD	2
29	73921GT	SCREW,SHS,3/8-16 X 3.50	
30	73876GT	ROLLER,UHMW	2
31	40134GT	VALVE,SEQUENCE,SUN S60/80 EXT.	1
31-	43018GT	SEAL KIT (39345)	
32	73889GT	WEAR PAD,TOP ROD	1
33	34811GT	WEAR PAD,TENSION ROD to SN 6945	
33-	122713GT	WEAR PAD,TENSION ROD from SN 6946	2
34	73880GT	WEAR PAD,BOTTOM ROD	2
35	36207GT	VALVE,COUNTERBAL.CWCA-LHN@2000	1
35-	62449GT	SEAL KIT,SUN "CWCA" CB VALVES*	
36	73875PGT	BRACKET,BOTTOM ROD SUPPORT	1
36B	88081GT	GINGERBREAD MAN KIT** complete kit with brackets, rod, wear pads and fasteners	

505.1 Cable Track Installation



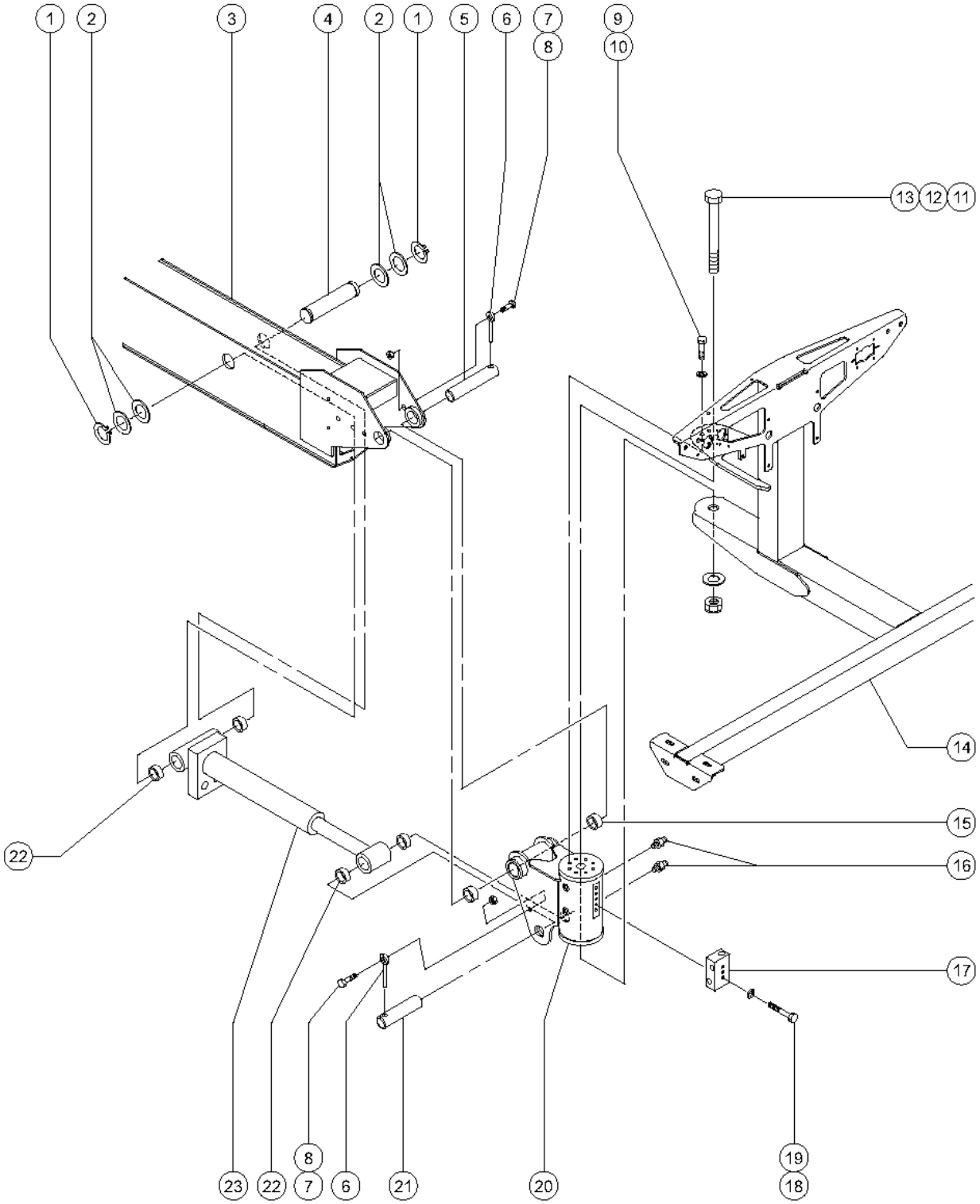
Item	Part No.	Description	Qty.
1	33681GT	SCREW,HHC,3/8-16 X .625	
2	6021GT	WASHER, LOCK, .375	
3	6178GT	NUT, NYLOCK, 10-32	
4	16486GT	SCREW,RHM,10-32 X 1.75	
5	6146GT	WASHER,FLAT,MS,#10,Y	
6	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
7	81924GT	BRACKET,LIMIT SWITCH,EXTEND	1
8	88051GT	HARNESS,L.S.SAFETY,BOOM EXT/RE	1
8-	88356-22463GT	SWITCH,LIMIT,W/RLR ARM,PLASTIC	
8-	97231GT	CONTACTOR,LIMIT SWITCH**	
9	4828GT	NUT, NYLOCK, 3/8-16	
10	6097GT	WASHER, FLAT, USS, 3/8", Y	
11	6175GT	SCREW,HHC,3/8-16 X 1	
12	5397GT	WASHER, FLAT, USS, 5/16-18	
13	81777GT	SCREW,HHC,3/8-16 X 7	
14	81342GT	WEAR PAD,5.5 X 1.75 X .5	1
15	81341GT	WEAR PAD,CABLE TRACK PULL TUBE	1
16	81347GT	WELDMENT,TRACK PULL TUBE PIVOT	1
17	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
18	81340GT	WEAR PAD ASSEMBLY,CABLE TRACK	1
19	88514GT	CABLE STAY,TOP***	1
20	88515GT	CABLE STAY	1
21	6091GT	NUT,NYLOCK,1/4-20	
22	6638GT	WASHER, FLAT, USS, 1/4"Y	
23	8179GT	SCREW,HHC,1/4-20 X 2.25	
24	12343GT	SCREW,HHC,1/4-20 X 3	
25	81903PGT	CLAMP,CABLE TRACK WELD CABLE	1
26	81902PGT	CLAMP,CABLE TRACK HOSE PAINTED	2

505.1 Cable Track Installation



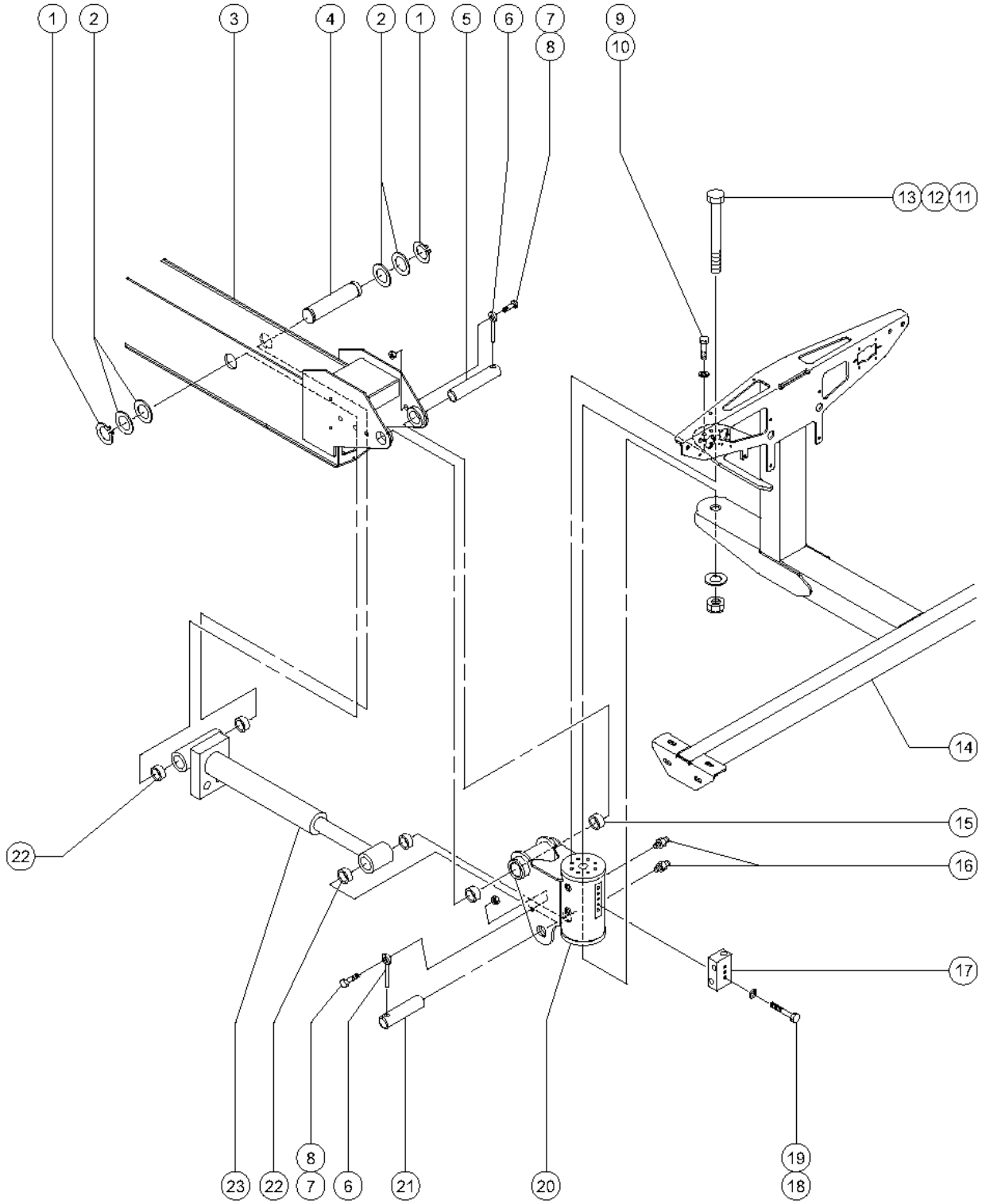
Item	Part No.	Description	Qty.
27	81351GT	CLAMP,PLASTIC HOSE***	2
28	81334GT	WELDMENT,CABLE TRACK TRAY	1
29	8516GT	SCREW, HCC, 3/8-16 X 1.50	
30	6097GT	WASHER, FLAT, USS, 3/8", Y	
31	81354GT	CABLE TRACK,STEEL,70 LINKS	1
31-	77896GT	ASSY,FOUR LINK CABLE TRACK***	
31-	106154GT	KIT,PIN & RING***	
31-	58308GT	ROLLER,ALUM TUBE,ST.TRK*** for 58309	
31-	58310GT	SCREW,10-24 X.5 TORX PAN HD*** for 58308	
31-	58309GT	ROLLER,POLY,STEEL TRACK***	
31-	231653GT	KIT,CABLE TRAK FLAT BAR includes screws	
31-	77952GT	FIXED END BRACKET fixed end	
31-	77951GT	MOVING END BRACKET moving end	
31-	106071GT	CABLE TRACK,SS,70 LINKS	1
31-	111063GT	ASSY,4 LINK CABLE TRACK,SS	
31-	111064GT	CABLE TRACK UPPER MOUNT,SS	
31-	111065GT	CABLE TRACK LOWER MOUNT,SS	
31-	106154GT	KIT,PIN & RING***	
32	61541GT	WELDMENT,LONG GUIDE TUBE	1
33	81927GT	PLATE,BOOM COVER	1

506.1 Slave Cylinder and Platform Rotator



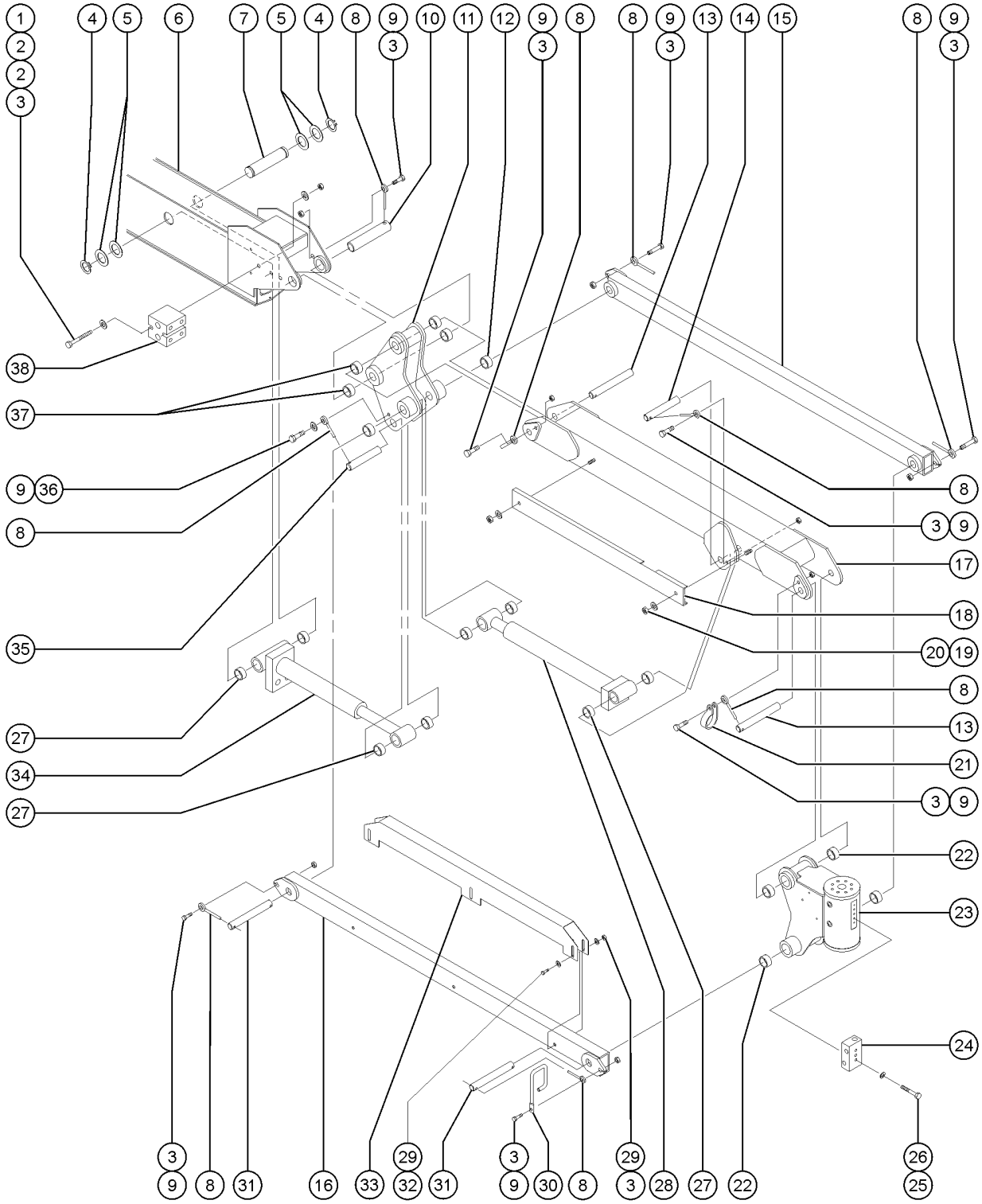
Item	Part No.	Description	Qty.
	128172GT	KIT,SLAVE CYL PIN includes items 1 and 4	
1	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
2	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
3	227151GT	ASSY,S80/85 #3 BOOM TUBE	1
4	T108079GT	PIN,1.25DIAX8.30LG,2RING	1
5	T108078GT	PIN,1.25DIAX9.50LG,1HOLE	1
6	825019GT	ROD END, .375X3.69, ZAG	2
7	8516GT	SCREW, HCC, 3/8-16 X 1.50	
8	4828GT	NUT, NYLOCK, 3/8-16	
9	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	8
10	57201GT	WASHER,FLAT,313, HARDENED	8
11	73928GT	SCREW,HHC,1-8 X 11,GRD 5***	
12	122079GT	WASHER,FLAT,1.000,HARDENED	1
13	29764GT	NUT,NYLOCK,1-8	
14		Ref. Platform Mount (refer to 601.1)	
15	30370GT	BEARING,1.25IDX1.5ODX1.00L	2
16	13852GT	VALVE ASSY,BLEED*** to SN 3571	2
16-	88516GT	SCREW,BLEEDER,M5X0.8 from SN 3572	
17		Ref. Counterbalance Manifold (refer to 706.1)	
18	6145GT	SCREW, HHC, 1/4-20 X 1.5	
19	6356GT	WASHER,LOCK,.25	
20		ROTATOR,PLAT,NON-JIB previous Rotator 73917 is no longer available, for replacement order Rotator 94398; to SN 3571	
20A-	94398GT	ROTATOR,PLAT,NON-JIB includes items 15 and 16; from SN 3572	1
20B-	62417GT	SEAL KIT,PLAT ROTATE*** use for Rotator 73917	
20C-	106421GT	SEAL KIT,ARCTIC,ROTATOR 8.2K** use for Rotator 73917	
20D-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER use for Rotator 73917	
20E-	122944GT	SEAL KIT,8K ROTATOR*** use for Rotator 94398 (FULL TEMP RANGE)	
20F-	88516GT	SCREW,BLEEDER,M5X0.8 use for Rotator 94398	

506.1 Slave Cylinder and Platform Rotator



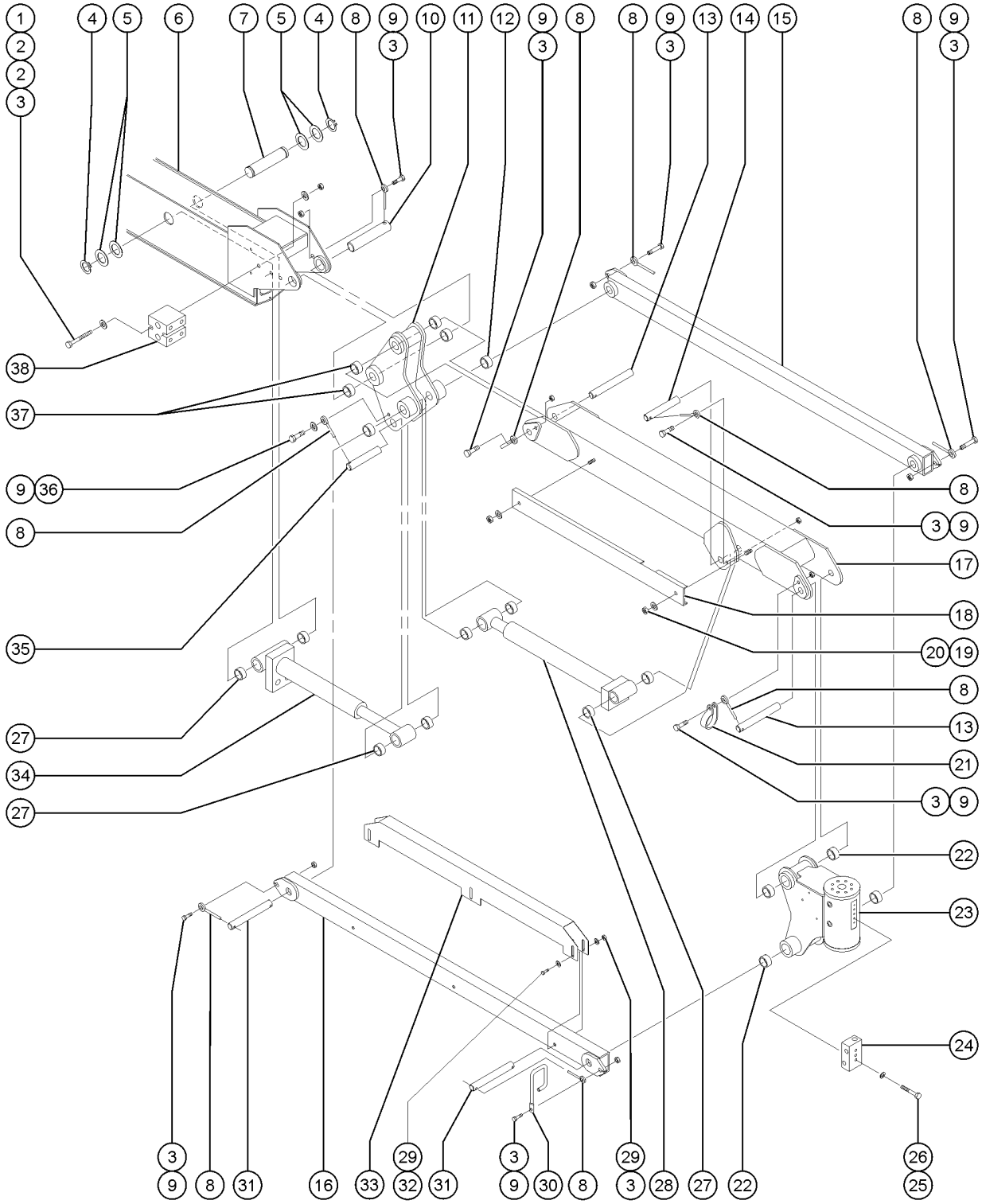
Item	*Part No.*	*Description*	*Qty.*
21	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
22	47377GT	BEARING,1.25 ID X 1.5 OD X .75	4
23	63210GT	CYLINDER,SLAVE,3 X 11.38*** includes item 22	1
23-	63350GT	SEAL KIT,CYL (63210)	
23-	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500 for black cylinder; to SN 3671	
23-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN for black cylinder; from SN 3672	
23-	43169GT	VALVE,COUNTERBALANCE*** for blue cylinder	
23-	43018GT	SEAL KIT (39345)	

507.1 Jib Boom and Platform Rotator



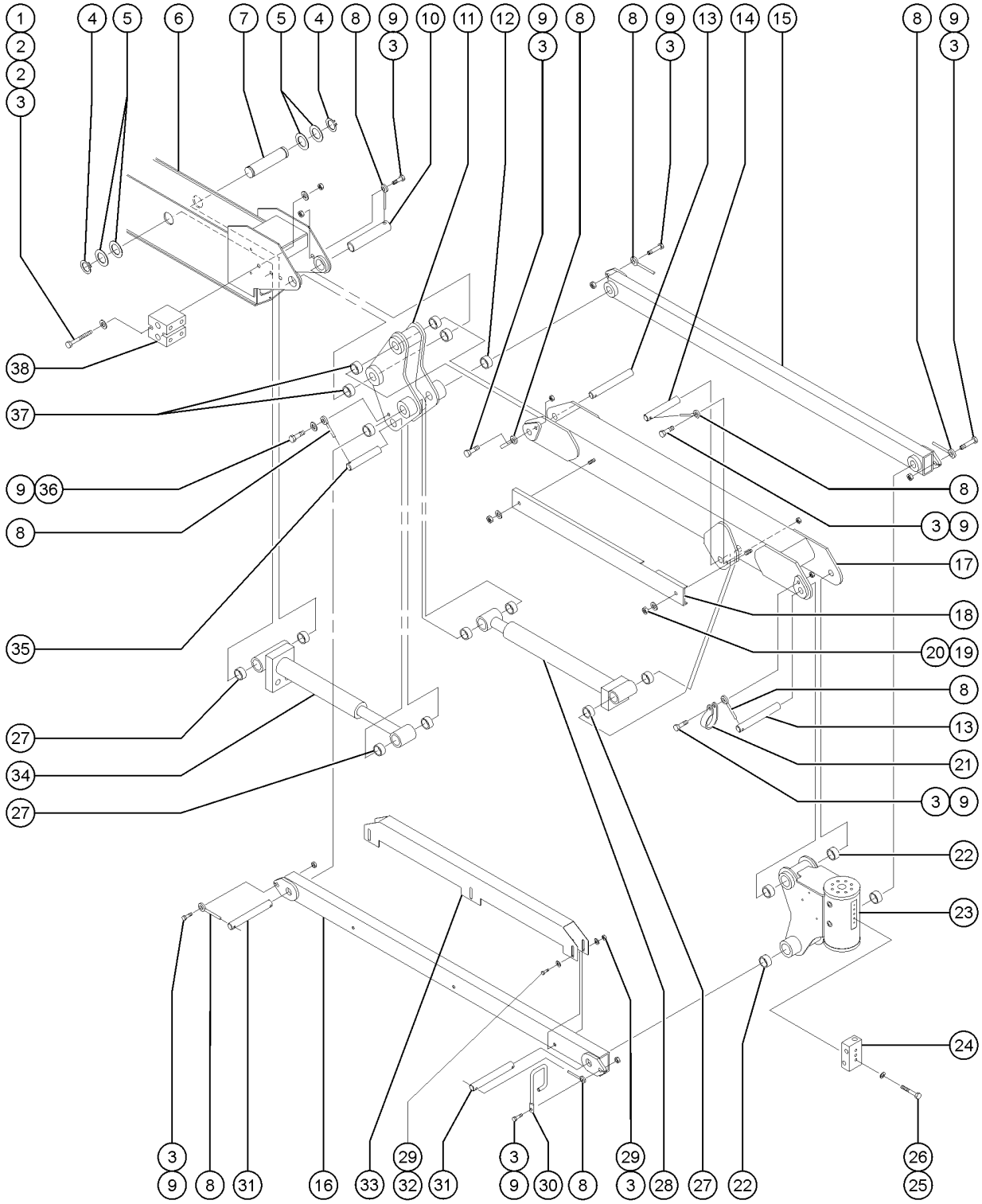
Item	Part No.	Description	Qty.
1	21604GT	SCREW,HHC,3/8-16 X 3.25 to SN 3834	
2	54355GT	WASHER,FLAT,SAE,3/8",Y to SN 3834	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
5	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
6	227151GT	ASSY,S80/85 #3 BOOM TUBE	1
7	T108079GT	PIN,1.25DIAX8.30LG,2RING	1
8	825019GT	ROD END, .375X3.69, ZAG	7
9	8516GT	SCREW, HCC, 3/8-16 X 1.50	
10	T108078GT	PIN,1.25DIAX9.50LG,1HOLE	1
11	89801GT	BELLCRANK ASSY W/BEARINGS includes item 12	1
12	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L to SN 6260	2
12-	128268GT	BEARING,FL, 1.25X1.5X2.13 from SN 6261	2
13	T108076GT	PIN,1.25DIAX7.88LG,1HOLE	2
14	T108077GT	PIN,1.25DIAX7.00LG,1HOLE	1
15	61306-SGT	COMPR.LINK,MACHINED,GND CONTR* to SN 4024	1
15-	61306-SGT	COMPR.LINK,MACHINED,GND CONTR* from SN 4025	
16	61306-SGT	COMPR.LINK,MACHINED,GND CONTR* to SN 4024	1
16-	60789-SGT	COMPR. LINK,MACHINED,ENG SD*** from SN 4025	
17		SERVICE KIT,5FT JIB refer to section 508.1 for jib detail	1
18	54527-SGT	CABLE COVER,JIB*** to SN 4024	1
19	6091GT	NUT,NYLOCK,1/4-20	
20	6638GT	WASHER, FLAT, USS, 1/4"Y	
21	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH* to SN 4024	1
22	30219GT	BEARING,FL,1.25ID X 1.41OD X 1 to SN 3571	4
22-	30370GT	BEARING,1.25IDX1.5ODX1.00L from SN 3572	
23A		ROTATOR,HELICAL,PLTF JIB,8.2K previous Rotator 60505 is no longer available, for replacement order Rotator 94397; to SN 3571	
23A-	94397GT	ROTATOR,PLAT JIB,160 DEG*** from SN 3572	1

507.1 Jib Boom and Platform Rotator



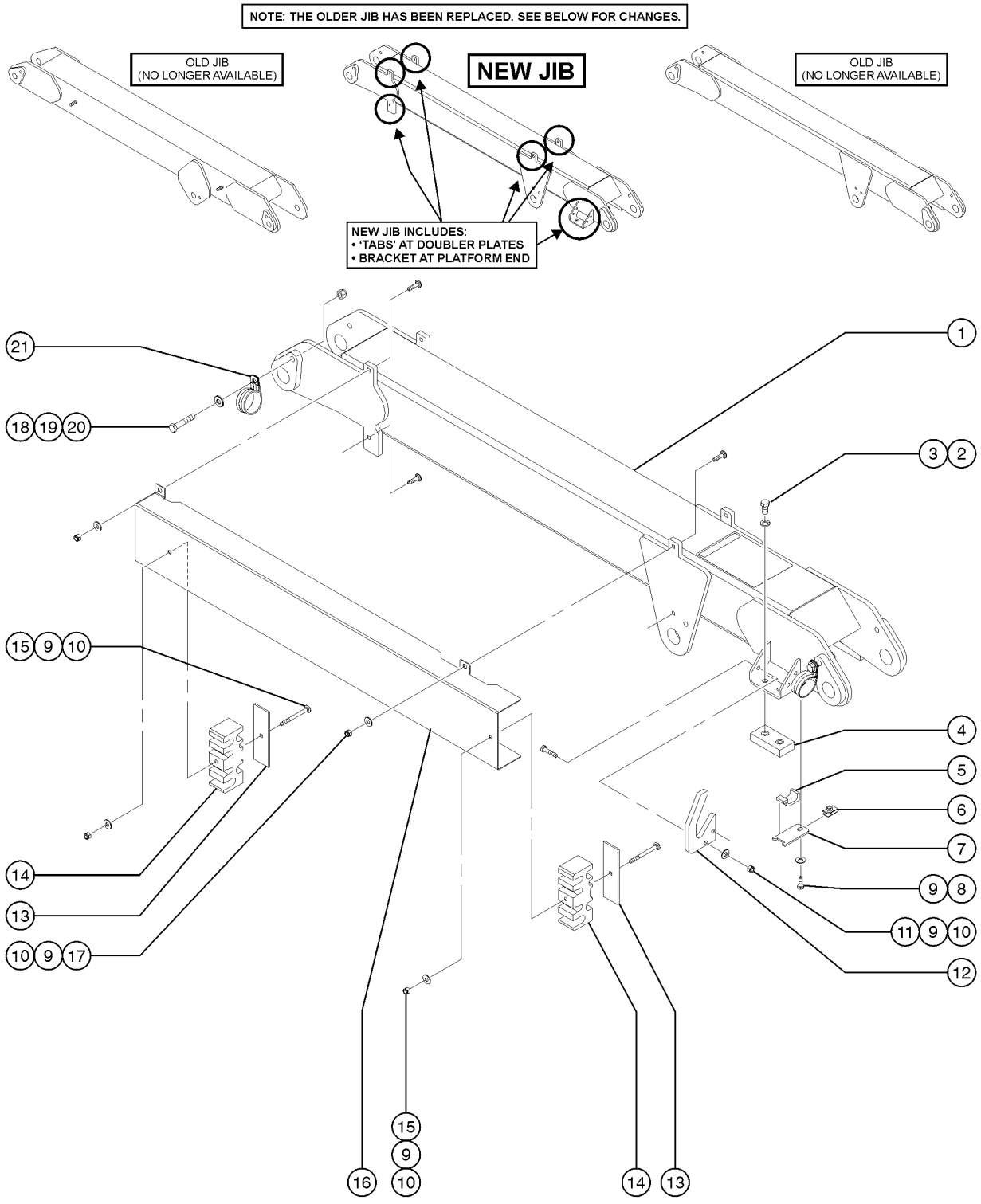
Item	Part No.	Description	Qty.
23B-	88516GT	SCREW,BLEEDER,M5X0.8 use with rotator item 94397	
23C-	122944GT	SEAL KIT,8K ROTATOR*** use with rotator item 94397	
23D-	62417GT	SEAL KIT,PLAT ROTATE*** use with rotator 60505	
23E-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER use with rotator 94397 and 60505	
23F-	106421GT	SEAL KIT,ARCTIC,ROTATOR 8.2K** use with rotator 60505	
23G-	13852GT	VALVE ASSY,BLEED*** use with rotator 60505	
24		Ref. Rotator Manifold (refer to 706.1)	
25	6145GT	SCREW, HHC, 1/4-20 X 1.5	
26	6356GT	WASHER,LOCK,.25	
27	1262634GT	BUSHING,POLYGON,BM5121	8
28	63213GT	CYLINDER,JIB (STICK BOOMS) includes item 27	1
28-	63353GT	SEAL KIT,CYL,S65 (63213)	
28-	33428GT	VALVE,COUNTERBALANCE	
28-	43018GT	SEAL KIT (39345)	
29	6097GT	WASHER, FLAT, USS, 3/8", Y from SN 4025	
30	75016-SGT	GUARD,JIB HOSE from SN 4025	1
31	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
32	14033GT	SCREW, HHC, 3/8-16 X 2.75 from SN 4025	
33	89642GT	WELDMENT,JIB HOSE COVER refer to section 508.1 for jib detail, from SN 4025 to 6387	1
34	63210GT	CYLINDER,SLAVE,3 X 11.38***	1
34-	63350GT	SEAL KIT,CYL (63210)	
34-	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500 for black cylinder; to SN 3671	
34-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN for black cylinder; from SN 3672	
34-	43169GT	VALVE,COUNTERBALANCE*** for blue cylinder	
34-	43018GT	SEAL KIT (39345)	
35	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	
36	6021GT	WASHER, LOCK, .375	
37	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L to SN 6260	

507.1 Jib Boom and Platform Rotator



Item	*Part No.*	*Description*	*Qty.*
37B	75627GT	BEARING,1.25 X 1.5 X 2 ..... from SN 6261	
38		Ref., Jib/Rotate manifold (Refer to 706.1)	

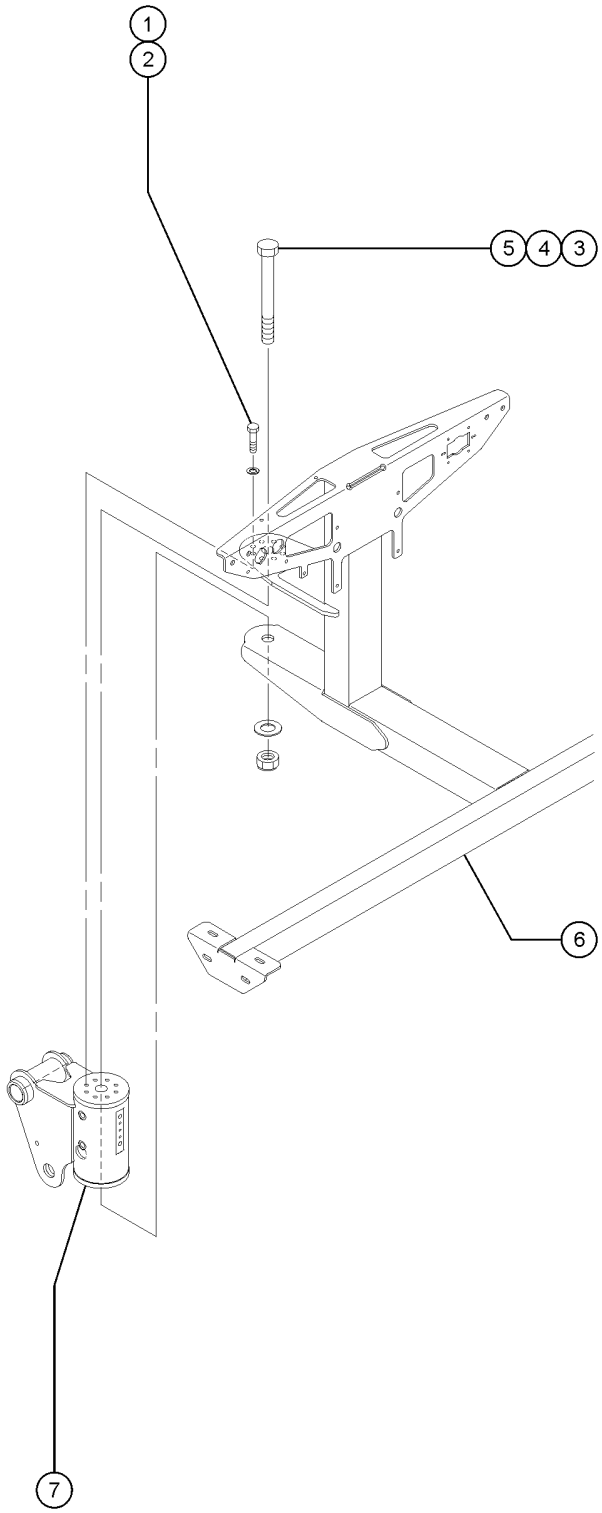
508.1 Jib Detail



508.1 Jib Detail

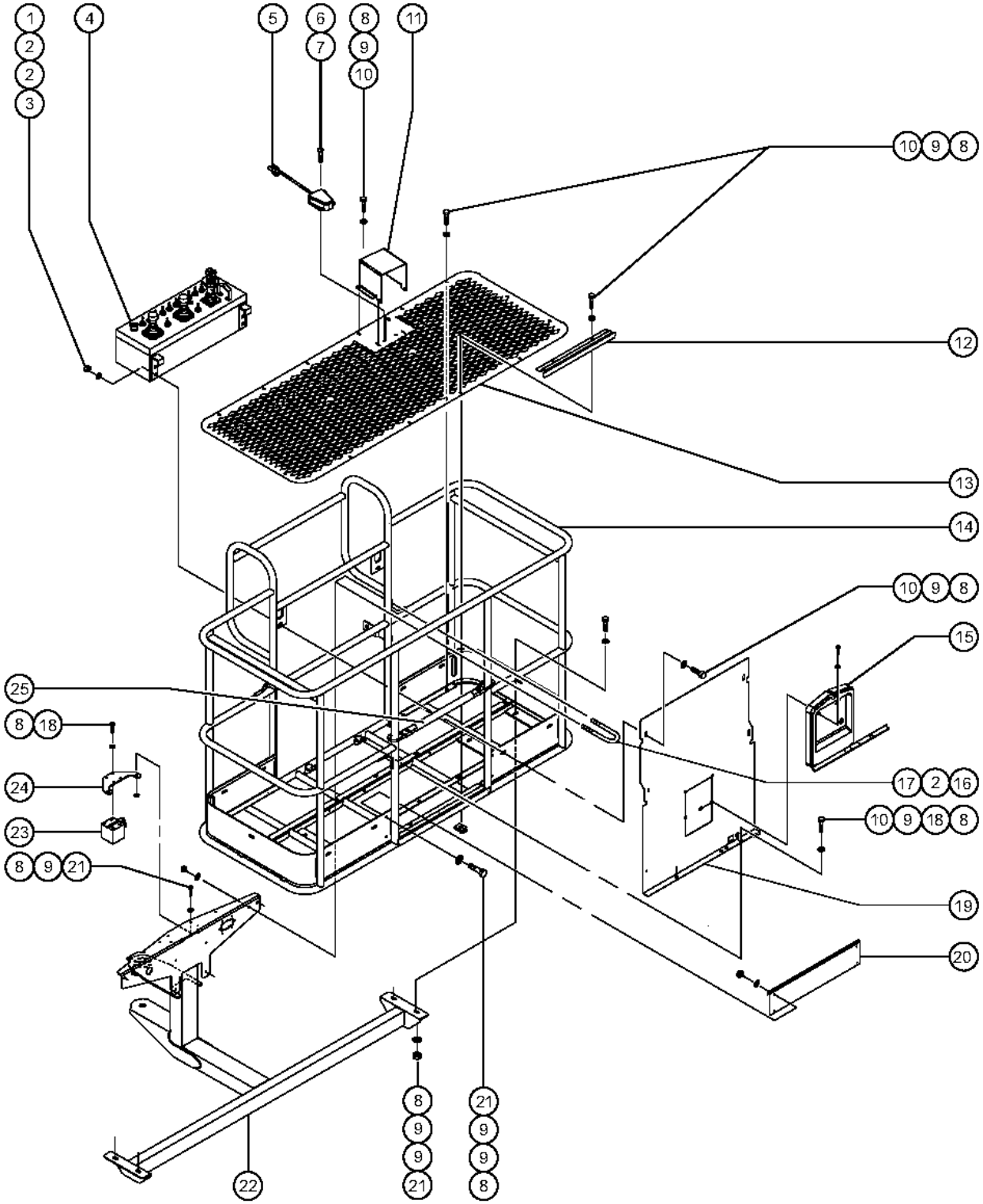
Item	Part No.	Description	Qty.
1	128513GT	SERVICE KIT,5FT JIB required for first time replacement (includes part number 128534); to SN 6387	
1-	128534GT	JIB BOOM ASSY W/WORD DECAL use ONLY if service kit 128513 has been installed on the machine	1
1-	128515GT	SERVICE KIT, 5FT JIB, ARCTIC Arctic option, required for first time replacement; to SN 6387	
2	8255GT	SCREW,HHC,3/8-16 X .75	
3	6021GT	WASHER, LOCK, .375	
4	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	1
5	119542GT	CLAMP,TWO HOSE	1
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
7	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	8915GT	SCREW, HHC, 1/4-20 X 1.25	
12	128482GT	HOSE GUIDE, JIB	1
13	128483GT	BACKING PLATE, HOSE BLOCK, JIB	2
14	128501GT	CLAMP,JIB HOSE/CABLE	2
14-	128519GT	CLAMP,JIB HOSE/CABLE,ARCTIC (part of the Arctic hose option)	
15	128724GT	BOLT,CARRIAGE,1/4-20 X 2.75,G2	
16	128454PGT	COVER, JIB HOSES/CABLES	1
17	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	
18	5224GT	SCREW,HHC,3/8-16 X 2	
19	5397GT	WASHER, FLAT, USS, 5/16-18	
20	4828GT	NUT, NYLOCK, 3/8-16	
21	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	2

509.1 Platform Installation

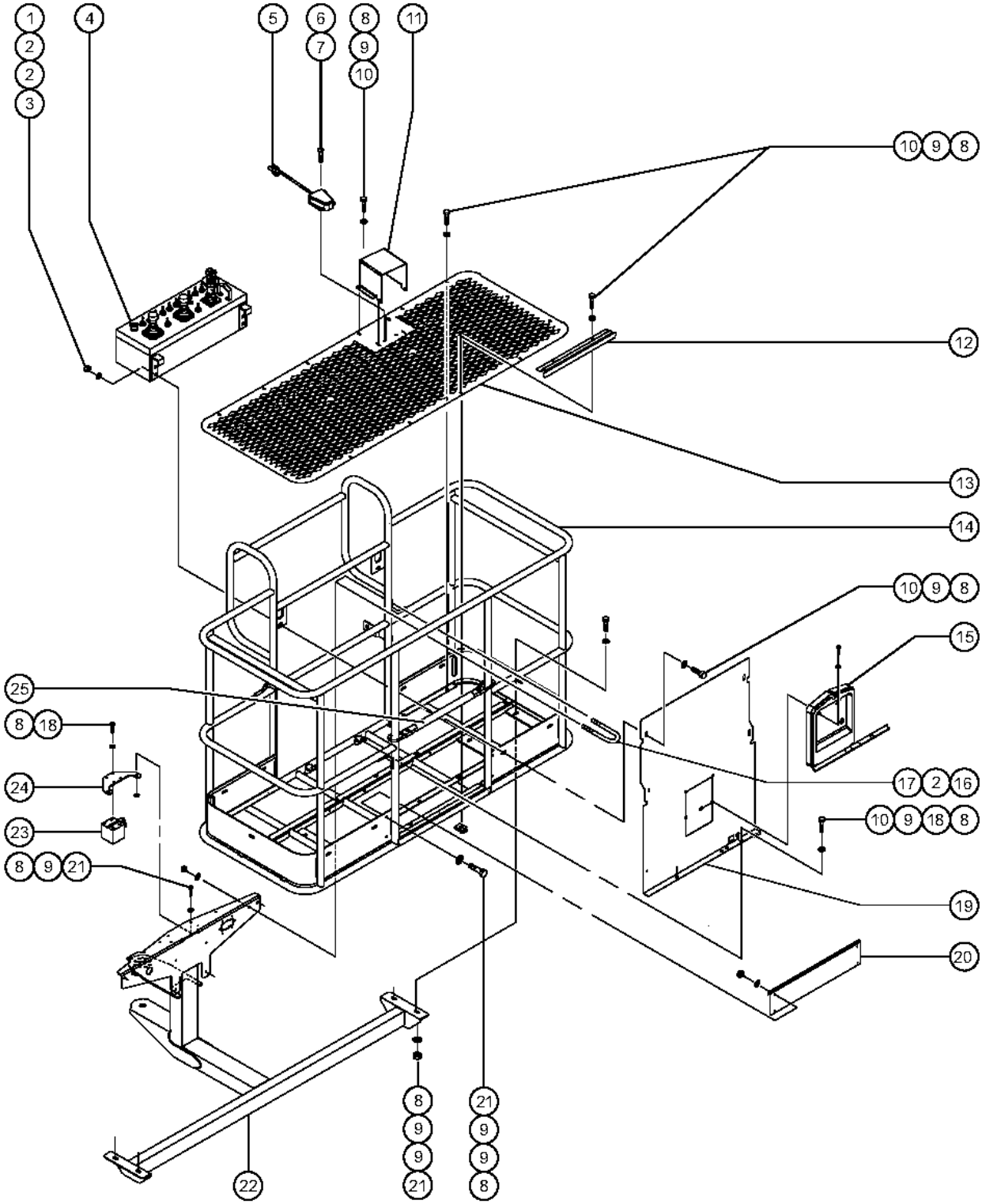


Item	Part No.	Description	Qty.
1	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	8
2	57201GT	WASHER,FLAT,313, HARDENED	8
3	73928GT	SCREW,HHC,1-8 X 11,GRD 5***	1
4	122079GT	WASHER,FLAT,1.000,HARDENED	1
5	29764GT	NUT,NYLOCK,1-8	1
6		Ref. Platform Mount (refer to 601.1)	
7		Ref. Platform Rotator (refer to 507.1)	

601.1 Platform Installation

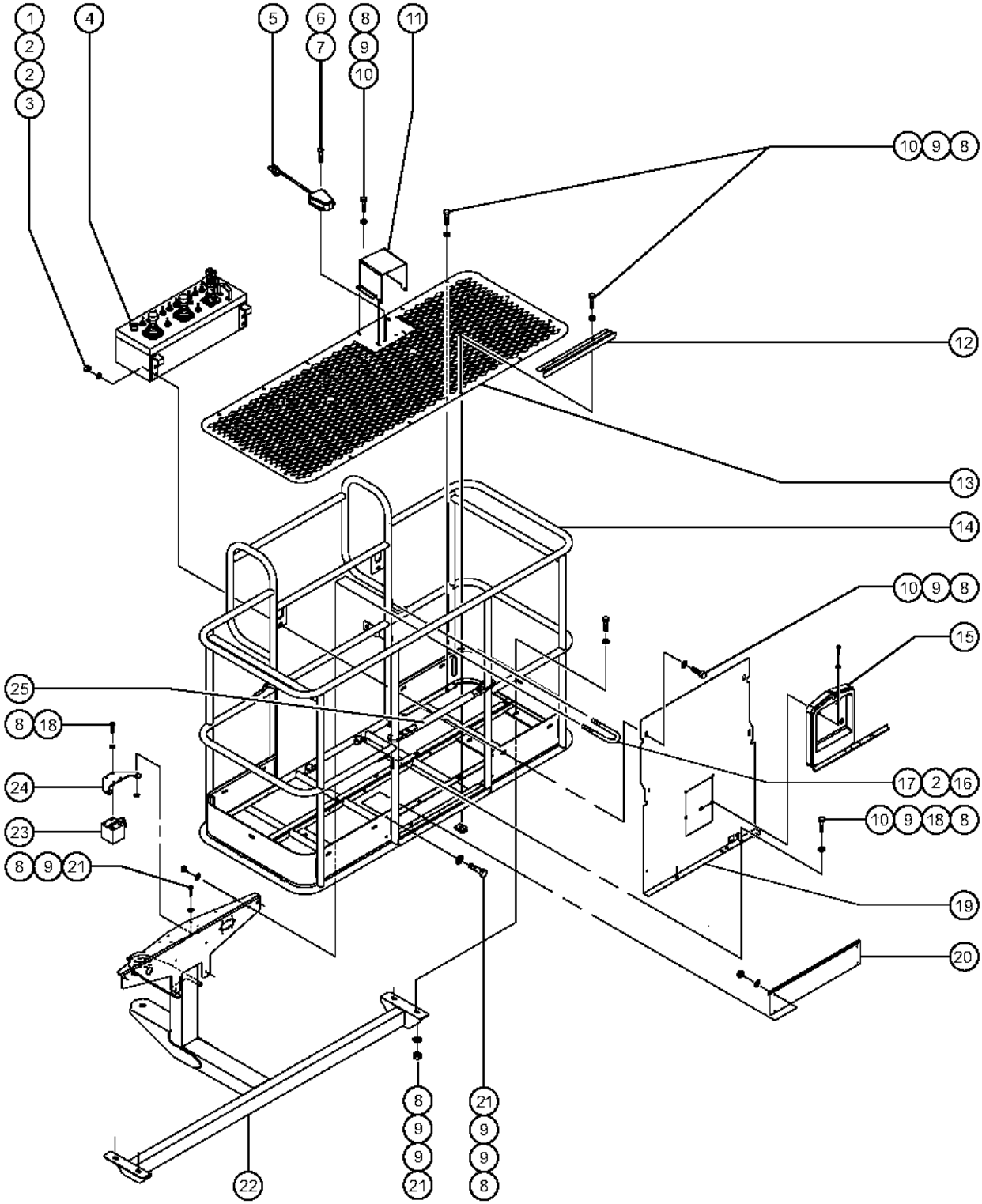


Item	Part No.	Description	Qty.
A-	102539GT	PLAT.ASSY,4FT,S80 USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; to SN 4666	
A-	102540GT	PLAT ASSY,5FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; to SN 4666	
A-	102541GT	PLAT ASSY,6FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; to SN 4666	
A-	102542GT	PLAT.ASSY,8FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; to SN 4666	
B-	102543GT	PLAT.ASSY,4FT, AUSTRALIAN Platform Assemblies with Word Decals; Australian models; to SN 4666	
B-	102544GT	PLAT.ASSY,5FT, AUSTRALIAN Platform Assemblies with Word Decals; Australian models; to SN 4666	
B-	102545GT	PLAT.ASSY,6FT, AUSTRALIAN Platform Assemblies with Word Decals; Australian models; to SN 4666	
B-	102546GT	PLAT.ASSY,8FT,S80 AUSTRALIAN Platform Assemblies with Word Decals; Australian models; to SN 4666	
C-	111226GT	PLAT.ASSY,4FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; from SN 4667 to SN 4684	
C-	111227GT	PLAT ASSY,5FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; from SN 4667 to SN 4684	
C-	111228GT	PLAT ASSY,6FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; from SN 4667 to SN 4684	
C-	111229GT	PLAT.ASSY,8FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; from SN 4667 to SN 4684	
D-	111230GT	PLAT.ASSY,4FT,S80 AUSTRALIAN Platform Assemblies with Word Decals; Australian models; from SN 4667 to SN 4684	
D-	111231GT	PLAT.ASSY,5FT,S80 AUSTRALIAN Platform Assemblies with Word Decals; Australian models; from SN 4667 to SN 4684	
D-	111232GT	PLAT.ASSY,6FT,S80 AUSTRALIAN Platform Assemblies with Word Decals; Australian models; from SN 4667 to SN 4684	
D-	111233GT	PLAT.ASSY,8FT,S80 AUSTRALIAN Platform Assemblies with Word Decals; Australian models; from SN 4667 to SN 4684	
E-	102539GT	PLAT.ASSY,4FT,S80 USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; from SN 4685 to SN 4702	
E-	102540GT	PLAT ASSY,5FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; from SN 4685 to SN 4702	
E-	102541GT	PLAT ASSY,6FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; from SN 4685 to SN 4702	
E-	102542GT	PLAT.ASSY,8FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; from SN 4685 to SN 4702	
F-	102543GT	PLAT.ASSY,4FT, AUSTRALIAN Platform Assemblies with Word Decals; Australian models; from SN 4685 to SN 4702	
F-	102544GT	PLAT.ASSY,5FT, AUSTRALIAN Platform Assemblies with Word Decals; Australian models; from SN 4685 to SN 4702	
F-	102545GT	PLAT.ASSY,6FT, AUSTRALIAN Platform Assemblies with Word Decals; Australian models; from SN 4685 to SN 4702	
F-	102546GT	PLAT.ASSY,8FT,S80 AUSTRALIAN Platform Assemblies with Word Decals; Australian models; from SN 4685 to SN 4702	
G-	111226GT	PLAT.ASSY,4FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; from SN 4703	
G-	111227GT	PLAT ASSY,5FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; from SN 4703	


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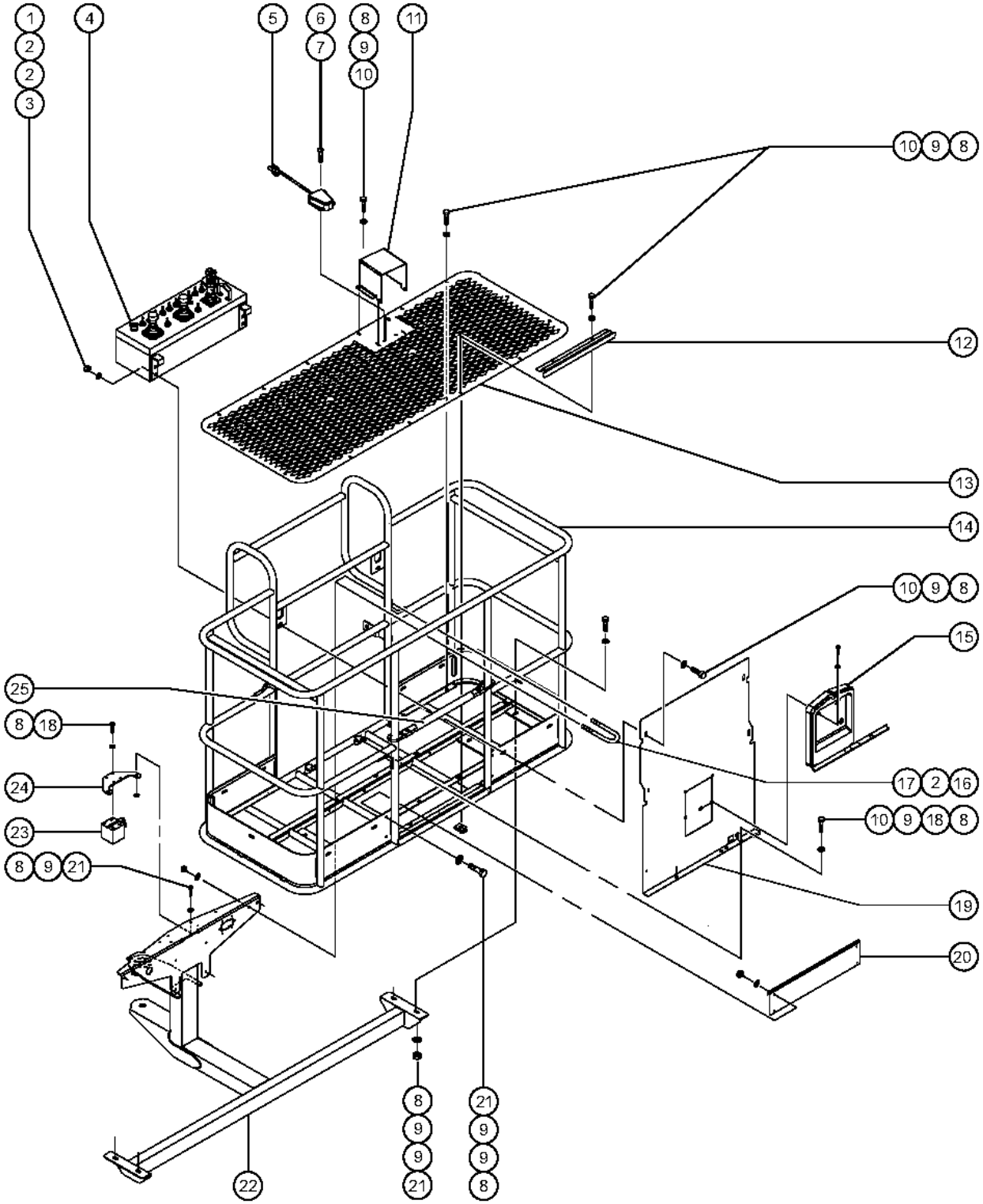
Item	Part No.	Description	Qty.
G-	111228GT	PLAT ASSY,6FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; from SN 4703	
G-	111229GT	PLAT.ASSY,8FT, USA/CANADIAN Platform Assemblies with Word Decals; USA and Canadian models; from SN 4703	
H-	111230GT	PLAT.ASSY,4FT,S80 AUSTRALIAN Platform Assemblies with Word Decals; Australian models; from SN 4703	
H-	111231GT	PLAT.ASSY,5FT,S80 AUSTRALIAN Platform Assemblies with Word Decals; Australian models; from SN 4703	
H-	111232GT	PLAT.ASSY,6FT,S80 AUSTRALIAN Platform Assemblies with Word Decals; Australian models; from SN 4703	
H-	111233GT	PLAT.ASSY,8FT,S80 AUSTRALIAN Platform Assemblies with Word Decals; Australian models; from SN 4703	
I-	102547GT	PLAT.ASSY,4FT,S80 EUROPEAN Platform Assemblies with Symbol Decals; European models	
I-	102548GT	PLAT.ASSY,5FT,S80 EUROPEAN Platform Assemblies with Symbol Decals; European models	
I-	102549GT	PLAT.ASSY,6FT,S80 EUROPEAN Platform Assemblies with Symbol Decals; European models	
I-	102550GT	PLAT.ASSY,8FT,S80 EUROPEAN Platform Assemblies with Symbol Decals; European models	
J-	102551GT	PLAT.ASSY,4FT,S80 ASIA/S.AMERI Platform Assemblies with Symbol Decals; Asia and South American models	
J-	102552GT	PLAT.ASSY,5FT,S80 ASIA/S.AMERI Platform Assemblies with Symbol Decals; Asia and South American models	
J-	102553GT	PLAT.ASSY,6FT,S80 ASIA/S.AMERI Platform Assemblies with Symbol Decals; Asia and South American models	
J-	102554GT	PLAT.ASSY,8FT,S80 ASIA/S.AMERI Platform Assemblies with Symbol Decals; Asia and South American models	
1	7713GT	NUT, LP NYLOCK, 3/8-16	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
4		Ref. Platform Controls (refer to 602.1 or 603.1)	
5	228466GT	KIT, FOOTSWITCH, S40/S80 Pervious foot switch is no longer available. Order kit 228466 for first time replacement (kit includes foot switch 227516)	1
5-	227516GT	ASSEMBLY,FOOT SWITCH Part of kit 228466 (the kit is required for first time replacement of previous foot switch)	
5-	33576GT	CONN,SQZ,1/2NPT,.170-.450	
6	73587GT	SCREW,PHIL,10-24 X .75	
7	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
11	73931GT	GUARD,FOOTSWITCH,W/DECAL ALUM USA, Canada, Australia	1
11-	63766GT	COVER,FOOT SWITCH Europe, Asia, South America	

601.1 Platform Installation

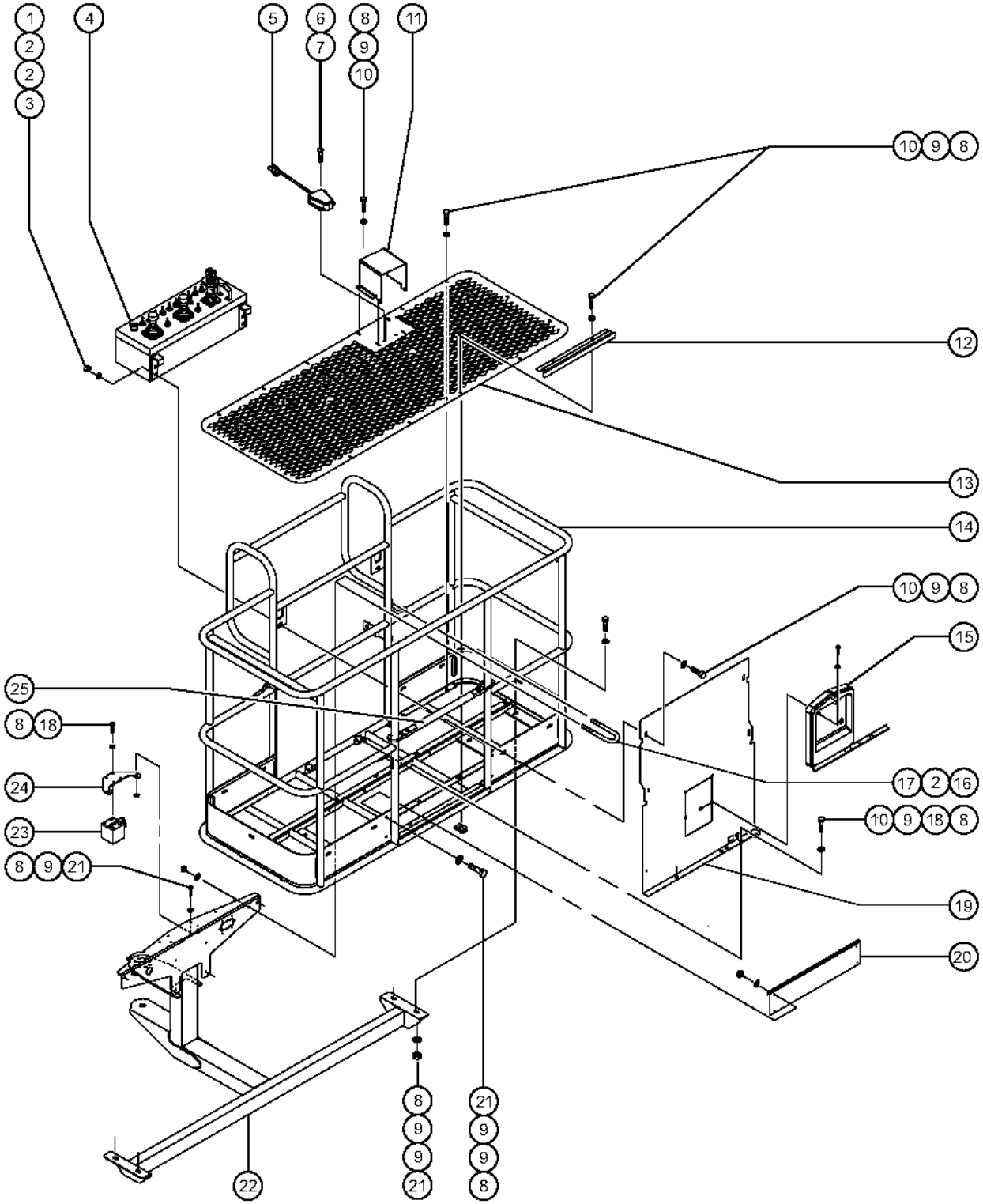


Item	Part No.	Description	Qty.
12	73610PGT	STEP PLATFORM ENTRY PAINTED***	1
13	60160PGT	FLOORING,4 FT PLATFORM,PAINTED	1
13-	54247-SGT	PLAT. FLOOR, 5FT, PAINTED	
13-	73477PGT	FLOORING, 6'FT PLATFORM	
13-	73478PGT	FLOORING, 8 FT PLATFORM***	
14A	77840GT	WELDMENT W/DECALS,5FT,500LB AN USA and Canadian models; to SN 4666	
14A	73900GT	WELDMNT,6 FT PLATFORM USA and Canadian models; to SN 4666; no decals	
14A	73976GT	PLATFORM RAIL ASSY, 8FT, ANSI USA and Canadian models; to SN 4666	
14B	111250GT	PLAT RAILW/DECALS,4FT,500LB AN USA and Canadian models; from SN 4667 to SN 4684	
14B-	111251GT	PLAT RAILW/DECALS,5FT,500LB AN USA and Canadian models; from SN 4667 to SN 4684	
14B-	111252GT	PLAT RAILW/DECALS 6FT 500LB AN USA and Canadian models; from SN 4667 to SN 4684	
14B-	111253GT	PLAT RAILW/DECALS 8FT 500 ANSI USA and Canadian models; from SN 4667 to SN 4684	
14C	77840GT	WELDMENT W/DECALS,5FT,500LB AN USA and Canadian models; from SN 4685 to SN 4702	
14C	73900GT	WELDMNT,6 FT PLATFORM USA and Canadian models; from SN 4685 to SN 4702; no decals	
14C	73976GT	PLATFORM RAIL ASSY, 8FT, ANSI USA and Canadian models; from SN 4685 to SN 4702	
14D	111250GT	PLAT RAILW/DECALS,4FT,500LB AN USA and Canadian models; from SN 4703	
14D-	111251GT	PLAT RAILW/DECALS,5FT,500LB AN USA and Canadian models; from SN 4703	
14D-	111252GT	PLAT RAILW/DECALS 6FT 500LB AN USA and Canadian models; from SN 4703	
14D-	111253GT	PLAT RAILW/DECALS 8FT 500 ANSI USA and Canadian models; from SN 4703	
14E	60042-SGT	PLATFORM WELDMENT,4 FT Australian models	
14E-	101377GT	PLAT ASSEMBLY,5FT,AUSTRALIA*** Australian models	
14E-	73900GT	WELDMNT,6 FT PLATFORM Australian models; no decals; no decals	
14E-	101383GT	PLAT RAIL ASSY,8FT,AUSTRALIA** Australian models	
14F	101373GT	PLATFORM ASSEMBLY,4FT,CE/UK European models	
14F-	101376GT	PLATFORM ASSEMBLY,5FT,CE/UK European models	
14F-	101379GT	PLATFORM RAIL ASSY,6FT,CE/UK European models	
14F-	101382GT	PLATFORM RAIL ASSY,8FT,CE/UK European models	
14G	101375GT	PLAT ASSEMBLY,4FT,ASIA/S AM Asia and South American models	

601.1 Platform Installation

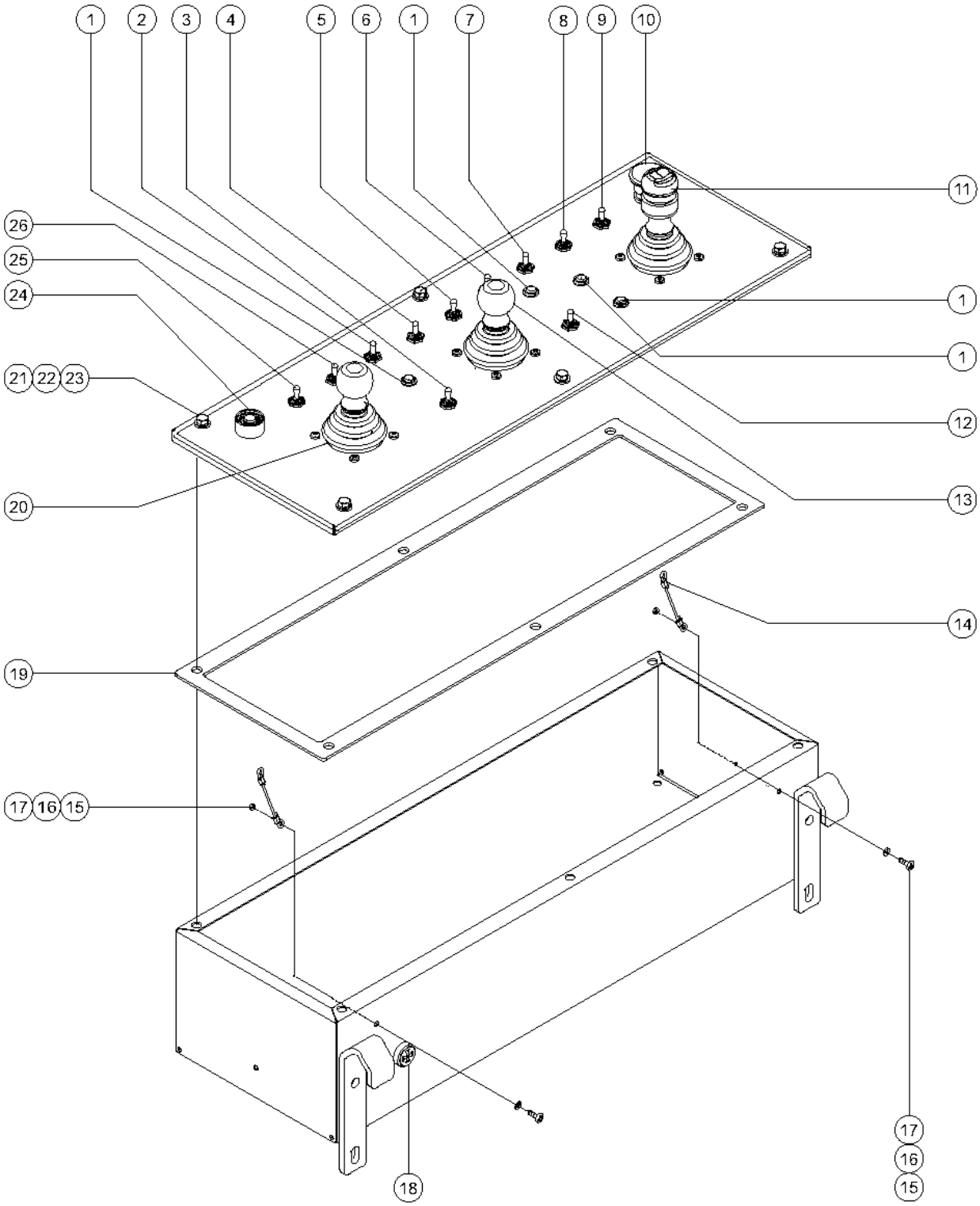


Item	Part No.	Description	Qty.
14G-	101378GT	PLAT ASSEMBLY,5FT,ASIA/S AM Asia and South American models	
14G-	101381GT	PLAT ASSEMBLY,6FT,ASIA/S AM Asia and South American models	
14G-	101384GT	PLAT ASSEMBLY,8FT,ASIA/S AM Asia and South American models	
15	44743GT	MANUAL BOX W/DECALS*** USA/Canada/Australia	1
15B	24514GT	BOX, INSTRUCTION STORAGE** Europe/Asia/South America (decal required; refer to Section100)	
16	6550GT	U-BOLT,3/8 X 1 YZ	2
17	4828GT	NUT, NYLOCK, 3/8-16	
18	6356GT	WASHER,LOCK,.25	
19	77844GT	DECAL PLATE W/DECALS,S80/85 2K to SN 3576	1
19-	102537GT	DECAL PLATE W/WRD DECAL S80Z80 USA, Canada, Australia; from SN 3577 to SN 4666	
19-	102537GT	DECAL PLATE W/WRD DECAL S80Z80 USA, Canada, Australia; from SN 4685 to SN 4702	
19-	111276GT	DECAL PLATE ASSY W/WORD DECALS USA, Canada, Australia; from SN 4667 to SN 4684	
19-	111276GT	DECAL PLATE ASSY W/WORD DECALS USA, Canada, Australia; from SN 4703	
19-	102538GT	DECAL PLATE W/SYM DECAL S80Z80 Europe, Asia, South America; from SN 3577	
20	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
21	6091GT	NUT,NYLOCK,1/4-20	
22	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV* ANSI models	1
22B	102679GT	OPTION,PLAT SUPPORT,4/5FT SRV	
22-		Ref. WELDMENT,PLATFORM SUPPORT,CE CE models (refer to 809.1)	
23		Ref. Jib/Rotate Manifold (refer to 706.1)	
24	77968PGT	PLATE,JIB,ROTATE MANIFOLD	1
25	102992GT	SLIDING MIDRAIL KIT,PTD	1
25-	12443GT	MIDRAIL GUIDE (HOOK)	
25-	139451GT	TUBE,SLIDING MIDRAIL,PAINTED	
25-	20973GT	WIRE LOOM,3/8 POLY SLIT	
25-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	
25-	6888GT	SCREW, HHC, 1/4-20 X 1	
25-	6638GT	WASHER, FLAT, USS, 1/4"Y	


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Item	*Part No.*	*Description*	*Qty.*
25-	6091GT	NUT,NYLOCK,1/4-20	
25-	97815GT	DECAL,LABEL,LOWER MIDRAIL	

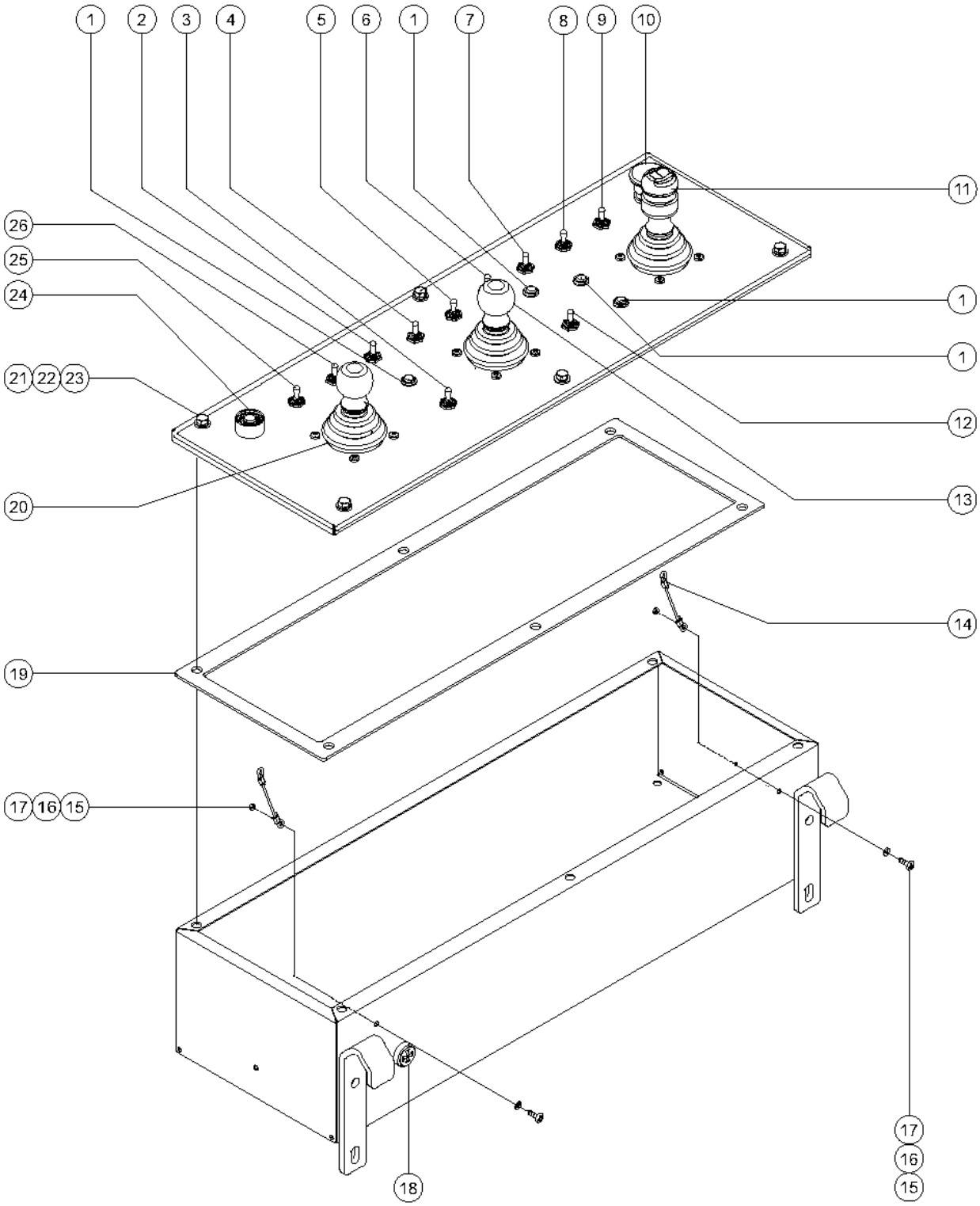
602.1 Platform Controls, S-80 - View 1



602.1 Platform Controls, S-80 - View 1

Item	Part No.	Description	Qty.
A-	62272GT	PLAT.CNTRL.BOX W/DECAL	
B-	111420GT	OPTION,ROCKER STEER	
C-	102724GT	WIRE,MOUNT ADHESIVE BACK	
D-	122124GT	SERVICE KIT,S80 PBOX J1 HARN required for first time replacement, contains harness part 122218 and qty 3 of adapter 122125; to SN 5519	
E-	122125GT	ADAPTER CABLE, JS100 JOYSTICK to SN 5519	
F-	122218GT	HARNESS,SERVICE,PBOX J1,S80 from SN 5520	
G-	122219GT	HARNESS,SERVICE,PBOX J2,S80 from SN 5520	
H-	122220GT	HARNESS,SERVICE,PBOX J3,S80 from SN 5520	
I-		Ref. HARNESS, LOAD SENSE (refer to 809.1)	
J-	111414GT	JOYSTICK CONNECTOR ASSEM,AMP to SN 5519	
K-	111413GT	JOYSTICK CONNECTOR ASSEM,DEUT from SN 5520	
L-	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT	
M-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
N-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
O-	81540GT	HARNESS,PLAT.BOX WIRING*** to SN 3576	1
P-	94523GT	HARNESS,PLATFORM BOX WIRING*** from SN 3577	1
1	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	
1-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
3	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
4	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	1
5	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
5-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
6-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
8	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
9	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
9-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	

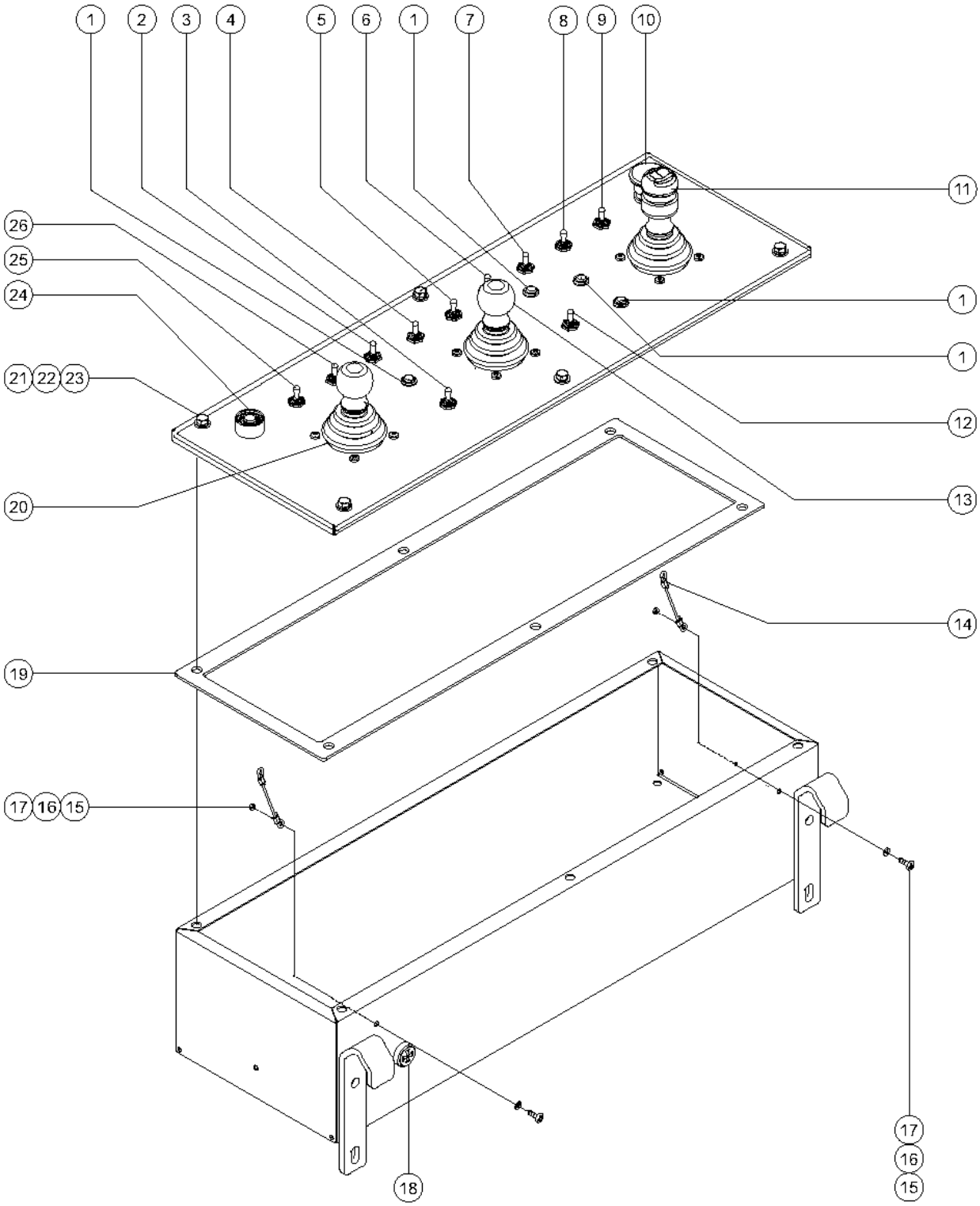
602.1 Platform Controls, S-80 - View 1



602.1 Platform Controls, S-80 - View 1

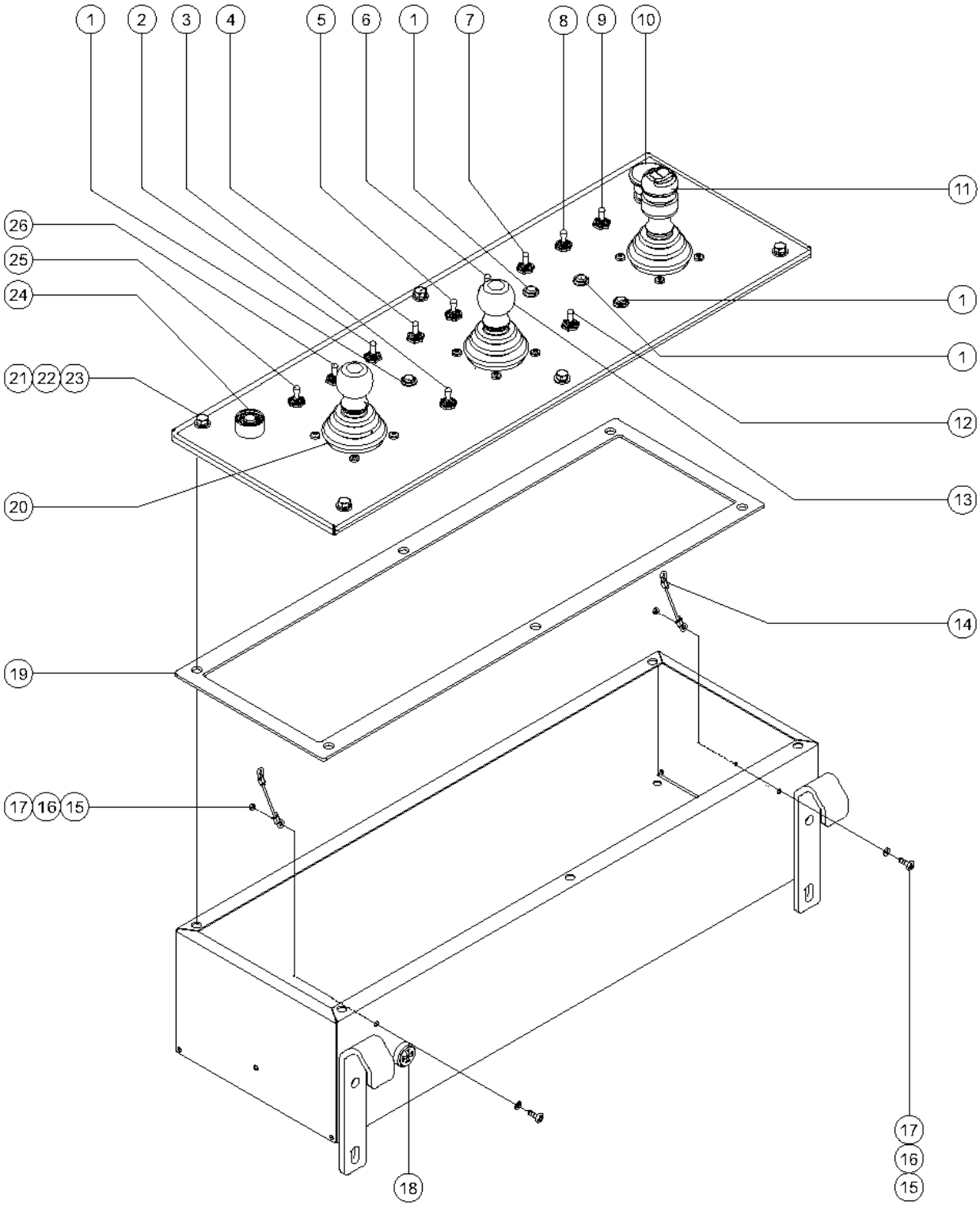
Item	Part No.	Description	Qty.
10	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
10-	94506GT	BASE,W/3 NC CONTACTS	
10-	66818GT	CONTACT,NC	
10-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
11		JOYSTICK refer to 604.1 or 604.2	1
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
13		JOYSTICK refer to 604.1 or 604.2	1
14	77351GT	LANYARD,PLATFORM CONTROL BOX	2
15	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
16	6146GT	WASHER,FLAT,MS,#10,Y	
17	6178GT	NUT, NYLOCK, 10-32	
18	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
18-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
19	81488GT	GASKET,PLATFORM CONTROL BOX	1
20		JOYSTICK refer to 604.1 or 604.2	1
21	8914GT	SCREW, HHC, 1/4-20 X .625	
22	6356GT	WASHER,LOCK,.25	
23	6638GT	WASHER, FLAT, USS, 1/4"Y	
24	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
24-	66815GT	BASE, W/1 N.O. CONTACTS*** includes 1 each N.O. contact	
24-	66816GT	CONTACT,N.O.***	
25	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
26	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1

602.2 Platform Controls, S-85 - View 1



Item	Part No.	Description	Qty.
A-	62272GT	PLAT.CNTRL.BOX W/DECAL	
B-	111420GT	OPTION,ROCKER STEER	
C-	102724GT	WIRE,MOUNT ADHESIVE BACK	
D-	128125GT	SERVICE KIT JIB TIME DLY IC	
E-	119867GT	WIRING KIT,JIB TIME DELAY IC	
F-	19274GT	RELAY,SPDT,12V(AUTO)**	
G-	43181GT	CAPACITOR,TIME DELAY	
H-	122124GT	SERVICE KIT,S80 PBOX J1 HARN required for first time replacement, contains harness part 122218 and qty 3 of adapter 122125; to SN 5519	
I-	122125GT	ADAPTER CABLE, JS100 JOYSTICK to SN 5519	
J-	122218GT	HARNESS,SERVICE,PBOX J1,S80 from SN 5520	
K-	122219GT	HARNESS,SERVICE,PBOX J2,S80 from SN 5520	
L-	122220GT	HARNESS,SERVICE,PBOX J3,S80 from SN 5520	
M-		Ref. HARNESS, LOAD SENSE (refer to 809.1)	
N-	111414GT	JOYSTICK CONNECTOR ASSEM,AMP to SN 5519	
O-	111413GT	JOYSTICK CONNECTOR ASSEM,DEUT from SN 5520	
P-	88807GT	HARNESS,JIB,BIG BOOM	
Q-	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT	
R-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
S-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
T-	81540GT	HARNESS,PLAT.BOX WIRING*** to SN 3576	1
U-	94523GT	HARNESS,PLATFORM BOX WIRING*** from SN 3577	1
1	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	
1-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
2	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
3	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
4	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	1
5	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
5-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	

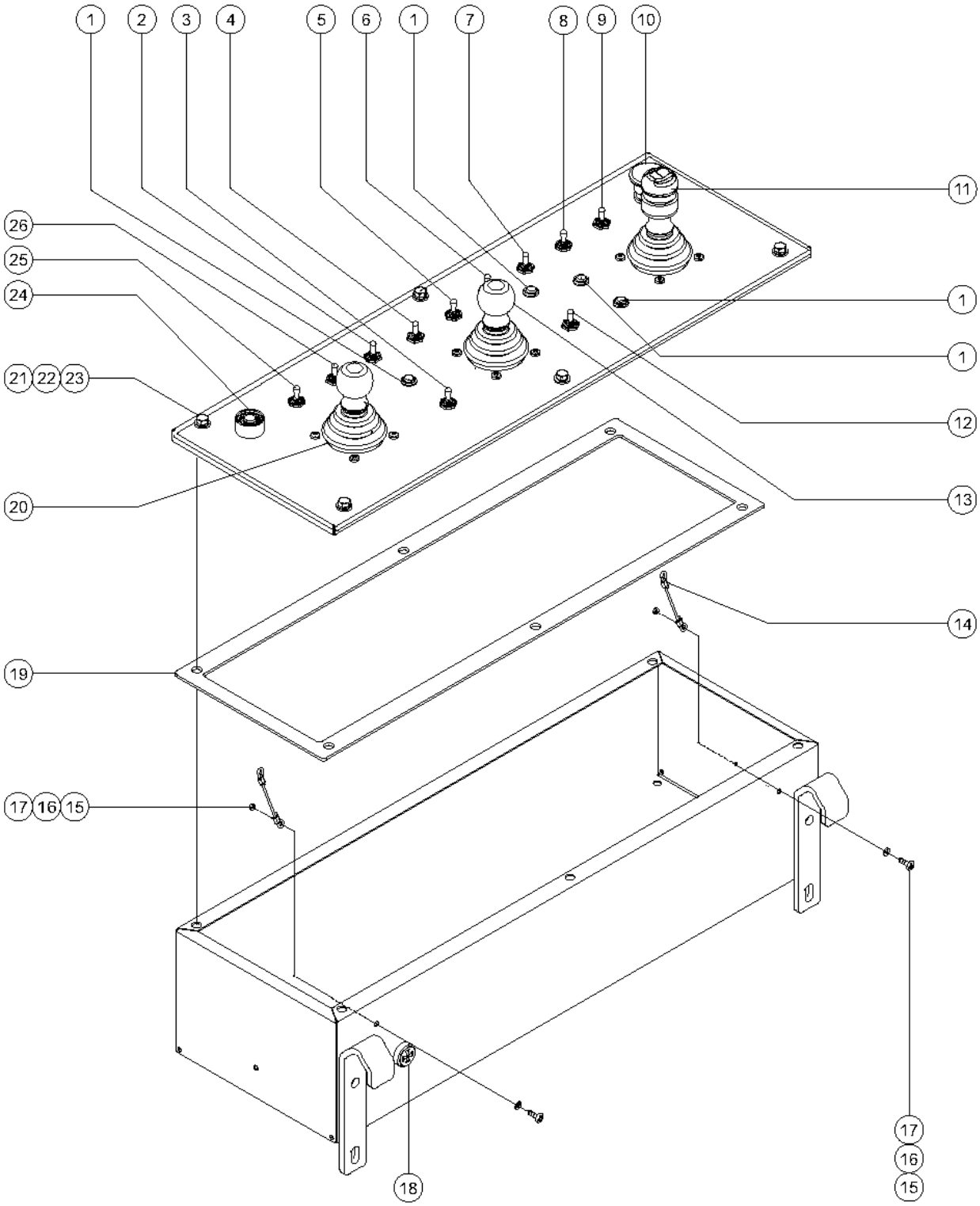
602.2 Platform Controls, S-85 - View 1



602.2 Platform Controls, S-85 - View 1

Item	Part No.	Description	Qty.
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
6-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
8	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
9	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
9-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
10	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
10-	94506GT	BASE,W/3 NC CONTACTS	
10-	66818GT	CONTACT,NC	
10-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
11		JOYSTICK refer to 604.1 or 604.2	1
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
13		JOYSTICK refer to 604.1 or 604.2	1
14	77351GT	LANYARD,PLATFORM CONTROL BOX	2
15	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
16	6146GT	WASHER,FLAT,MS,#10,Y	
17	6178GT	NUT, NYLOCK, 10-32	
18	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
18-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
19	81488GT	GASKET,PLATFORM CONTROL BOX	1
20		JOYSTICK refer to 604.1 or 604.2	1
21	8914GT	SCREW, HHC, 1/4-20 X .625	
22	6356GT	WASHER,LOCK,.25	
23	6638GT	WASHER, FLAT, USS, 1/4"Y	
24	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
24-	66815GT	BASE, W/1 N.O. CONTACTS*** includes 1 each N.O. contact	
24-	66816GT	CONTACT,N.O.***	
25	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1

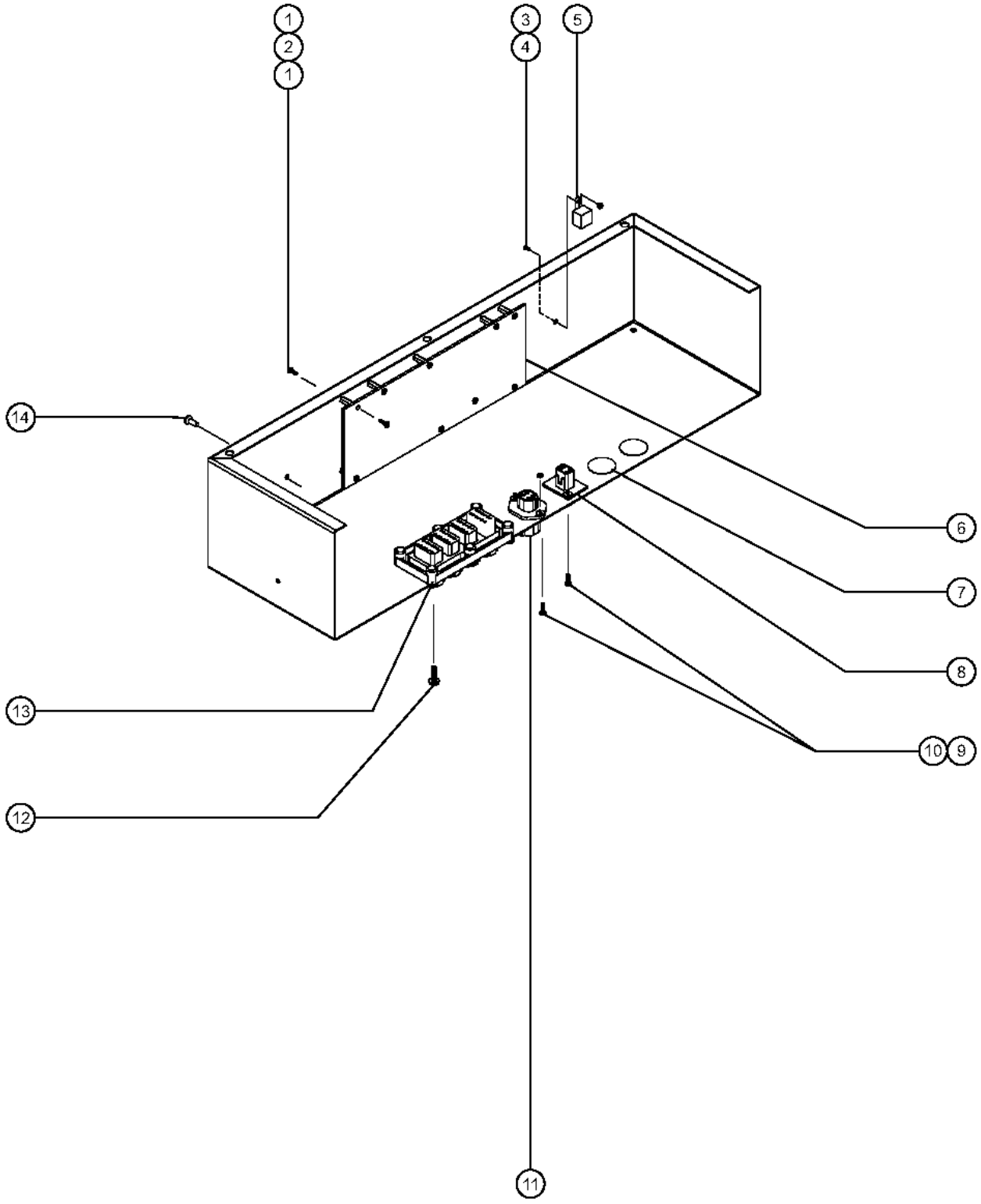
602.2 Platform Controls, S-85 - View 1



602.2 Platform Controls, S-85 - View 1

Item	*Part No.*	*Description*	*Qty.*
26	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1

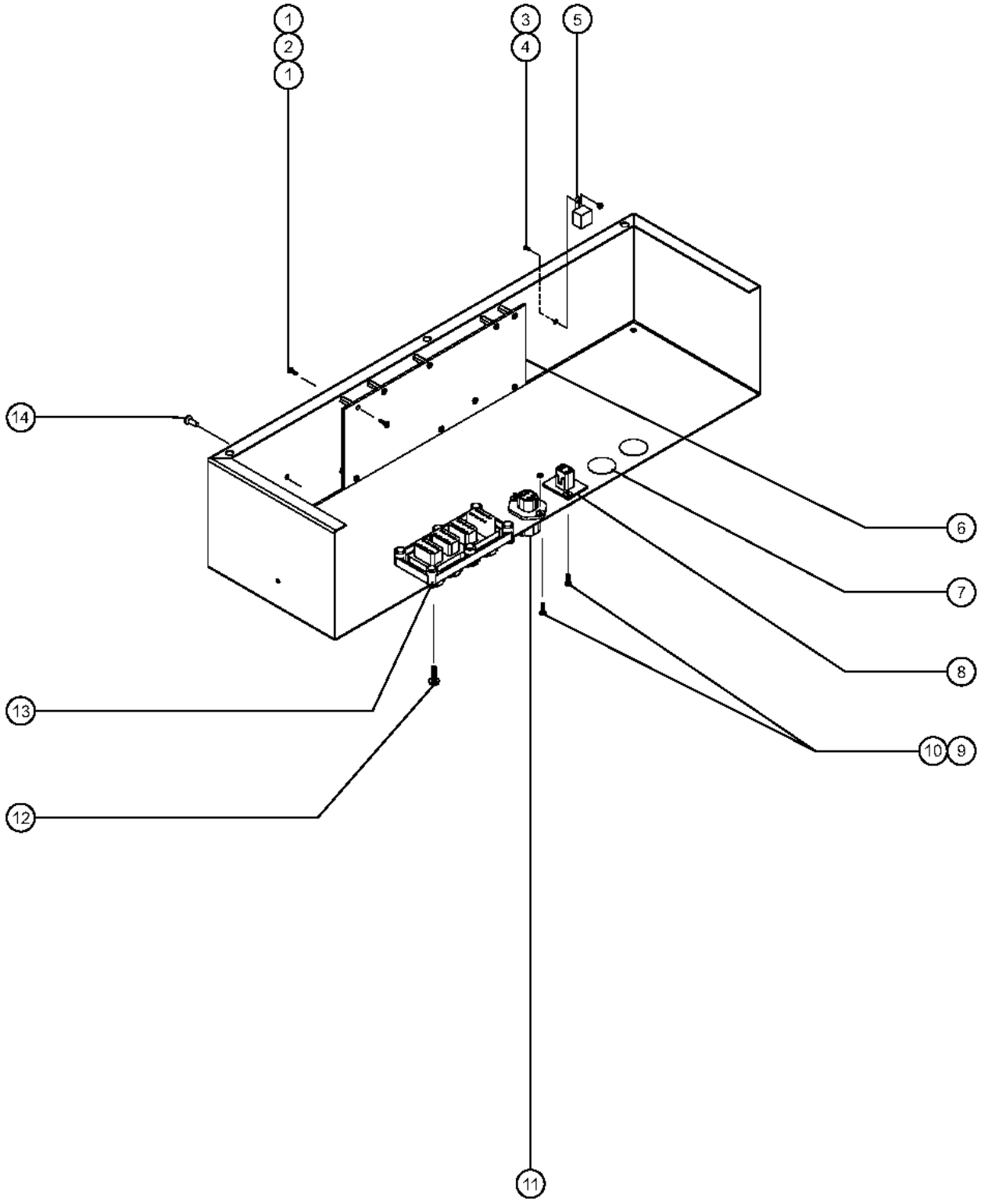
603.1 Platform Controls, S-80 - View 2



603.1 Platform Controls, S-80 - View 2

Item	Part No.	Description	Qty.
-	81448GT	HARNESS,QDCON,12V TO PLAT,NJ	
-	81450GT	HARNESS,18/19,BOOM CABLE 1,NJ	
-	81452GT	HARNESS,18/19,BOOM CABLE 2 NJ	
-	77432GT	BOOT,2 X 12 WAY	
1	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
2	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	10
3	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL European models	
4	6178GT	NUT, NYLOCK, 10-32 European models	
5	19274GT	RELAY,SPDT,12V(AUTO)** European models	2
6	235403GT	ASSY,PCB,ALC500 S80 LEG V201 Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	
6A-	235405GT	DECAL LBL ALC500 S80 LEG V201	
6C-	119250GT	BRACKET,PLATFORM HEATER OPT	1
6D-	119560GT	WIRING KIT,CONTROL BOX HEATER	1
6E-	27287GT	RESISTOR,10 OHM,25 WATT	2
6F-	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
6G-	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	1
6H-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
6I-	T115352GT	DECAL,OPTION CONTROL BOX HEATR	1
7	45385GT	PLUG,NYLON 1.12 BLACK DOMED shown	2
7-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
8	73723GT	CONN RECEPT,FLANGED	1
8-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
9	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
10	12344GT	NUT,NYLOCK,6-32	
11	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
11-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
11-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
12	73803GT	SCREW,SHM,PHP, #12 X .75	

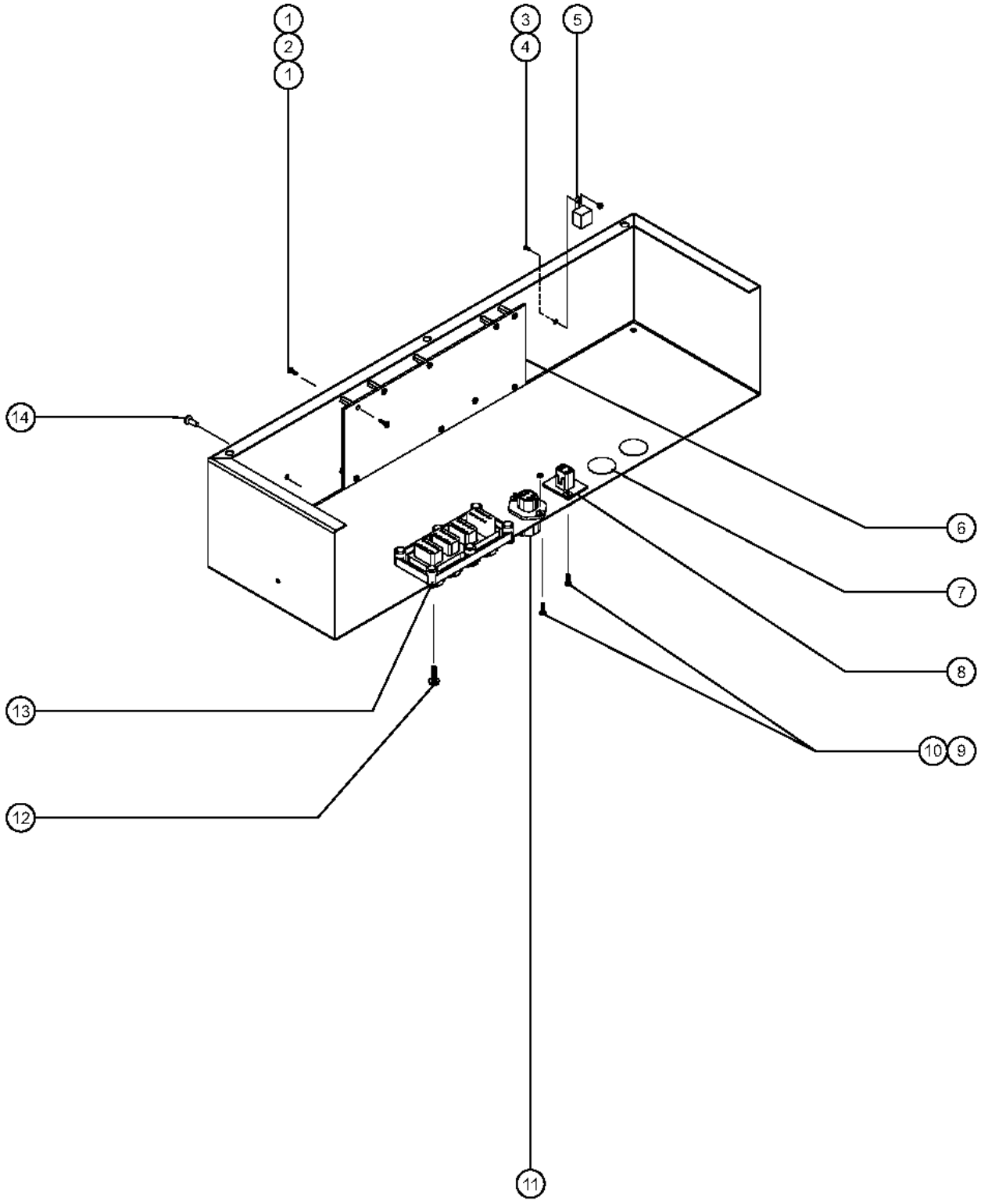
603.1 Platform Controls, S-80 - View 2



603.1 Platform Controls, S-80 - View 2

Item	*Part No.*	*Description*	*Qty.*
13	73736GT	CONN,RECEP 48 WAY,4 X 12	1
13-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
13-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
14	42781GT	PLUG, NYLON .250 BLACK DOMED	1

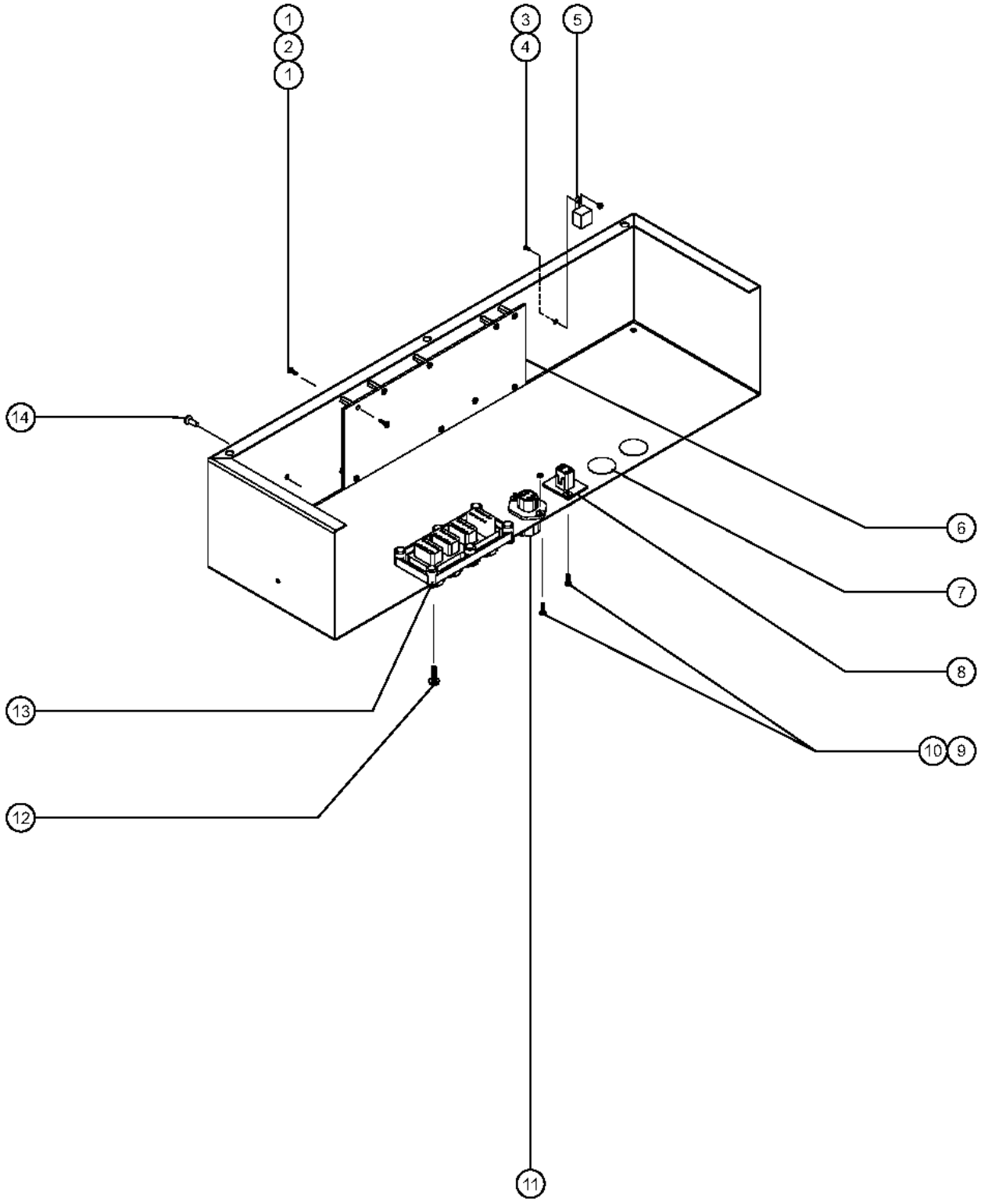
603.2 Platform Controls, S-85 - View 2



603.2 Platform Controls, S-85 - View 2

Item	Part No.	Description	Qty.
-	81449GT	HARNESS,QDCON,12V TO PLAT,JIB	
-	81451GT	HARNESS,18/19,CBL 1,S85 GR/BRN Green / Brown	
-	81453GT	HARNESS,18/19,CBL 2,S85 GRY/BK Gray / Black	
-	77432GT	BOOT,2 X 12 WAY	
1	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
2	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	10
3	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL European models	
4	6178GT	NUT, NYLOCK, 10-32 European models	
5	19274GT	RELAY,SPDT,12V(AUTO)** European models	2
6	235403GT	ASSY,PCB,ALC500 S80 LEG V201 Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	
6A-	235405GT	DECAL LBL ALC500 S80 LEG V201	
6C-	119250GT	BRACKET,PLATFORM HEATER OPT	1
6D-	119560GT	WIRING KIT,CONTROL BOX HEATER	1
6E-	27287GT	RESISTOR,10 OHM,25 WATT	2
6F-	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
6G-	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	1
6H-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
6I-	T115352GT	DECAL,OPTION CONTROL BOX HEATR	1
7	45385GT	PLUG,NYLON 1.12 BLACK DOMED shown	2
7-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
8	73723GT	CONN RECEPT,FLANGED	1
8-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
9	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
10	12344GT	NUT,NYLOCK,6-32	
11	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
11-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
11-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
12	73803GT	SCREW,SHM,PHP, #12 X .75	

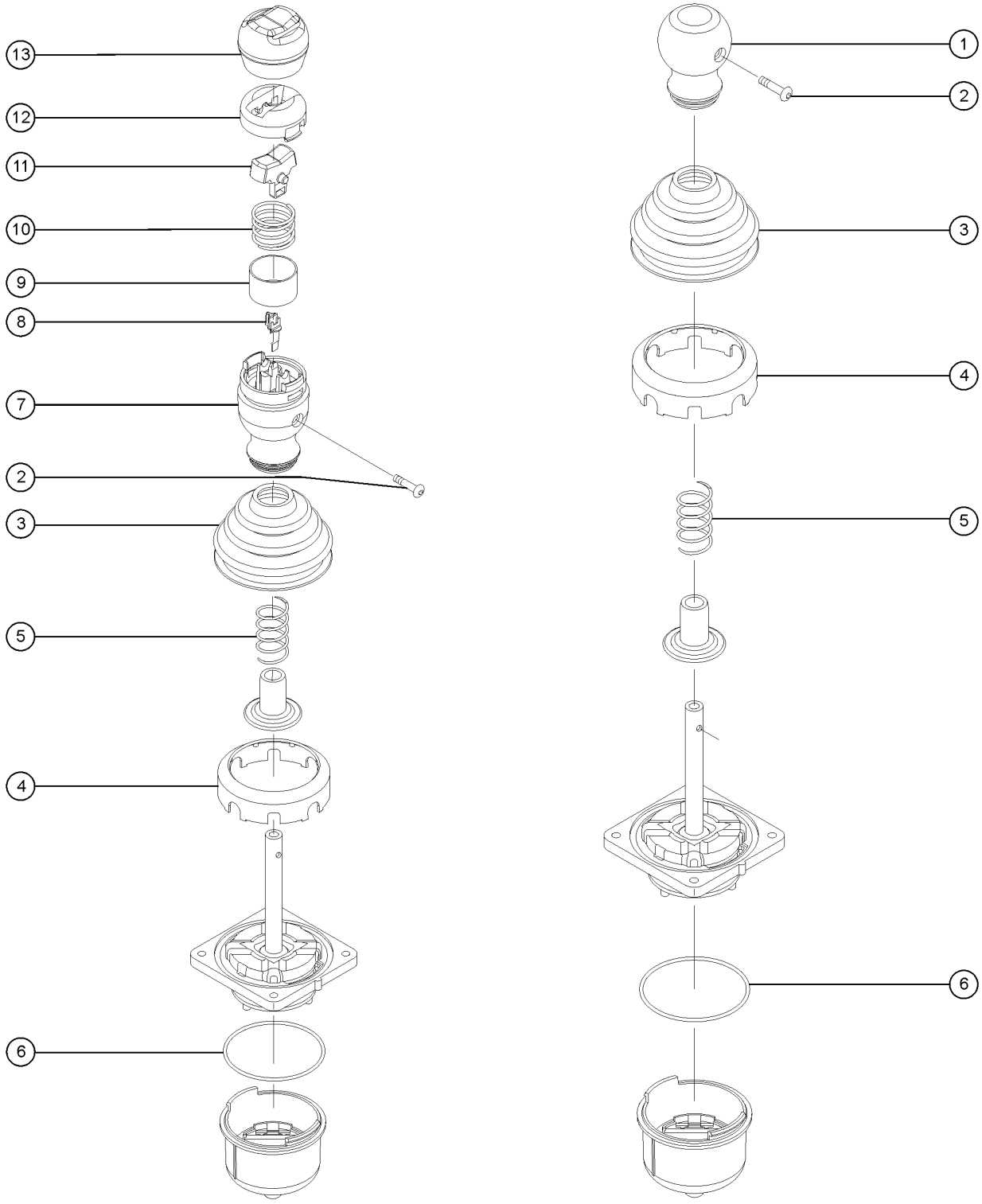
603.2 Platform Controls, S-85 - View 2



603.2 Platform Controls, S-85 - View 2

Item	*Part No.*	*Description*	*Qty.*
13	73736GT	CONN,RECEP 48 WAY,4 X 12	1
13-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
13-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
14	42781GT	PLUG, NYLON .250 BLACK DOMED	1

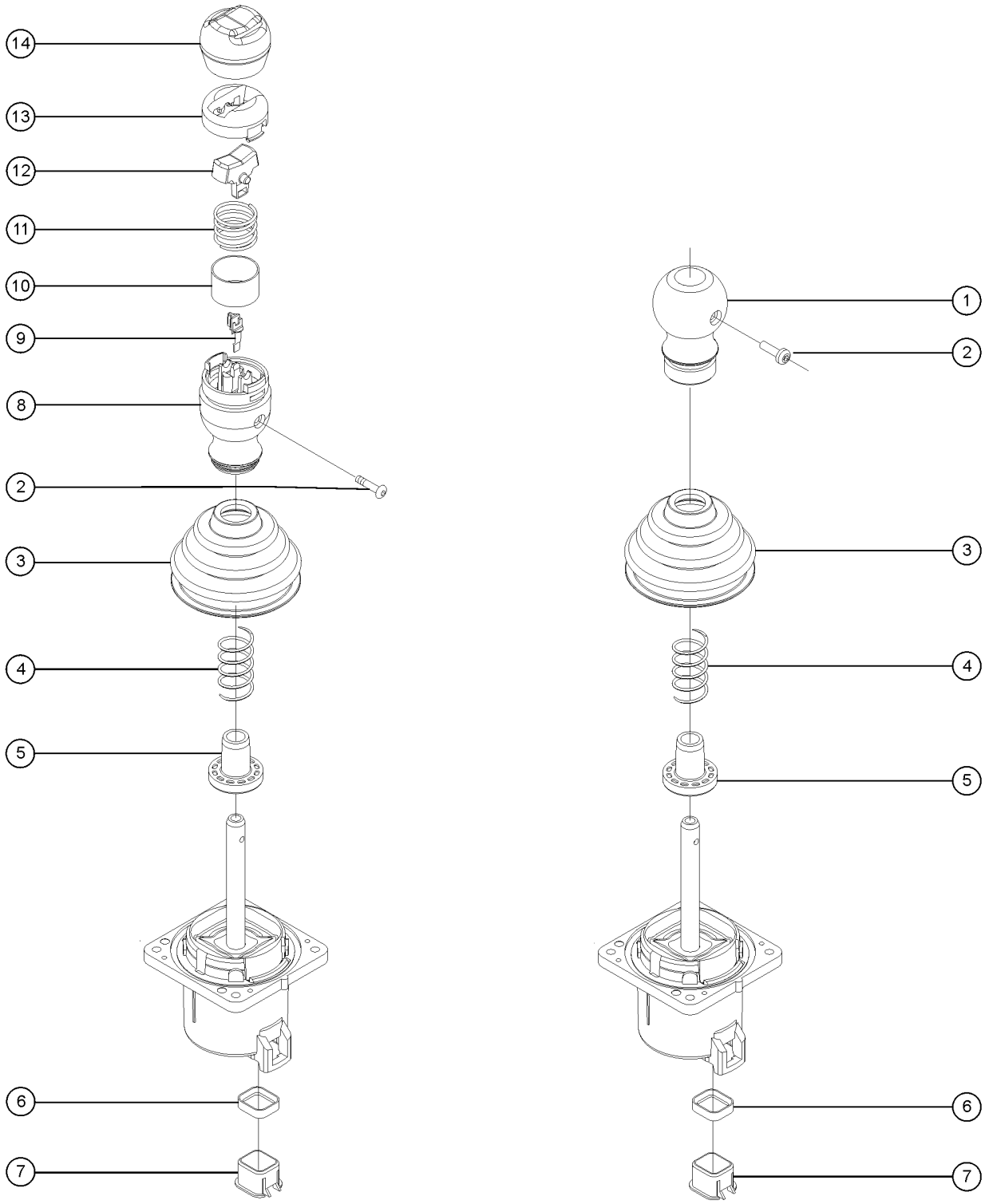
604.1 Joysticks (to SN 5519)



604.1 Joysticks (to SN 5519)

Item	Part No.	Description	Qty.
A-	111417GT	JOYSTICK W/HARN ADPTR, 2 AXIS this kit converts joystick to Deutsch style connection (OEM joystick); after first time replacement, refer to section 604.2	
C-	111415GT	JOYSTICK W/HARN ADPTR, 1 AXIS this kit converts joystick to Deutsch style connection (OEM joystick); after first time replacement, refer to section 604.2	
E-	111416GT	JOYSTICK W/HARN ADPTR KIT RCKR this kit converts joystick to Deutsch style connection (OEM joystick); after first time replacement, refer to section 604.2	
G-	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
H-	119613GT	HARN JOYSTICK ADAPTOR JS100 for first time replacement only	
Z	1269500GT	KIT, ISOLATION, 2 JOYSTICK	
1	62392GT	KNOB,JOYSTICK, 62390/62391	1
2	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	1
3	139598GT	BOOT,JOYSTICK	1
4	75143GT	BOOT GUARD, JOYSTICK 62390/91	1
5		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	1
6		O-RING,JOYSTICK, 62390/62391 no longer available from supplier	1
7	75449GT	KNOB,ROCKER JOYSTICK 75565	1
8	75448GT	SUPPORT,SENSOR,JOYSTICK	1
9	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
10	75446GT	SPRING,SWITCH CENTERING,75565	1
11	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
12	75444GT	ROCKER,RETAINER, 75565	1
13	75443GT	BOOT, ROCKER JOYSTICK 75565	1

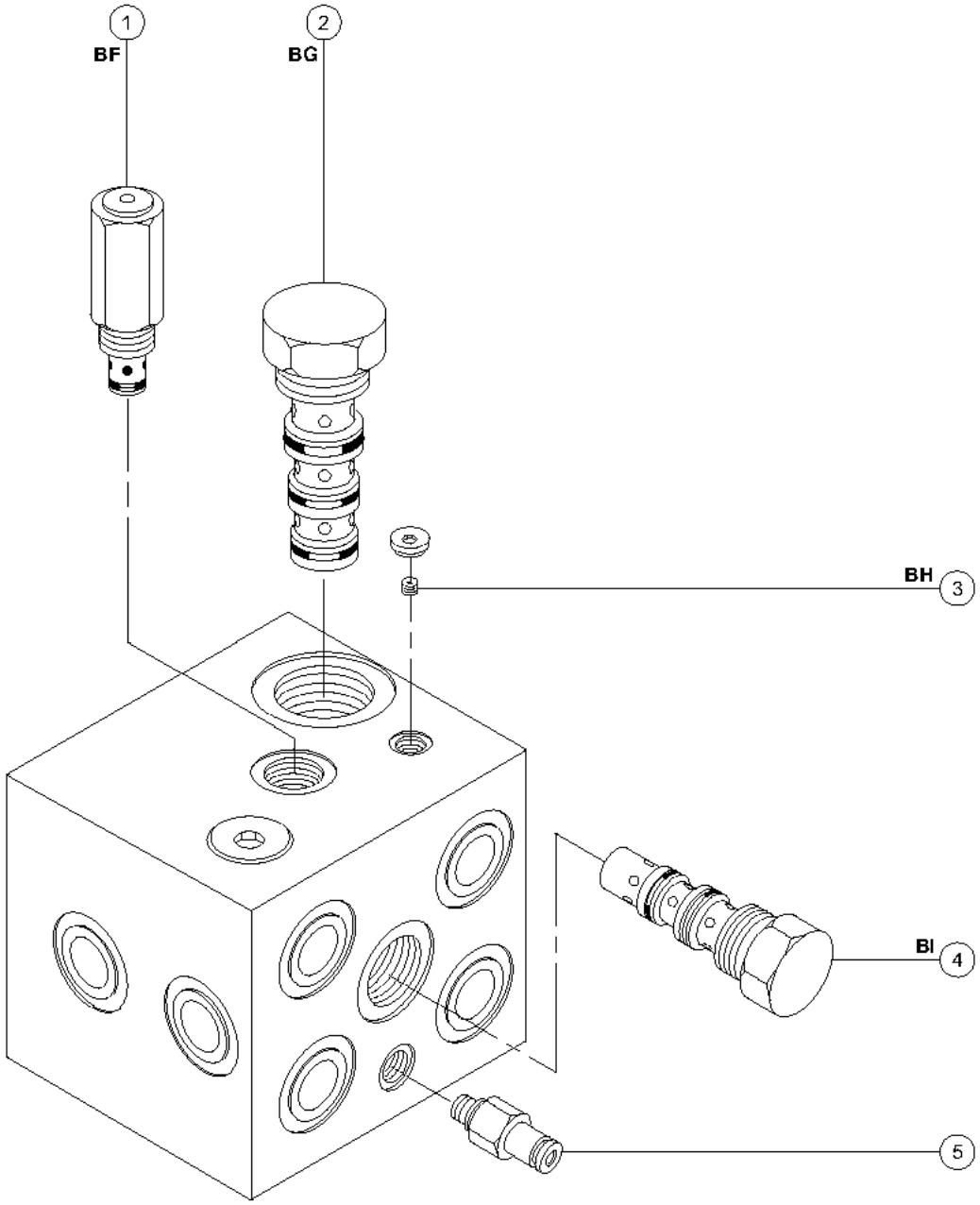
604.2 Joysticks (from SN 5520)



604.2 Joysticks (from SN 5520)

Item	Part No.	Description	Qty.
A-	101174GT	JOYSTICK,2 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
B-	101174HGT	JOYSTICK,DUAL AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
C-	101175GT	JOYSTICK,1 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
D-	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
E-	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH OEM joystick (calibration required after replacement)	
F-	101005HGT	JOYSTICK, SINGLE AXIS W/STEER aftermarket joystick (calibration required after replacement)	
G-	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
H-	119613GT	HARN JOYSTICK ADAPTOR JS100 Used only on units prior to SN 420 (6-pin to 7-pin adapter)	
Z	1269500GT	KIT, ISOLATION, 2 JOYSTICK	
1	62392GT	KNOB,JOYSTICK, 62390/62391	1
2	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	1
3	139598GT	BOOT,JOYSTICK	1
4		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	1
5	119915GT	COLLAR,JOYSTICK,CENTER	1
6	128000GT	SEAL, CONNECTOR (DT JOYSTICKS)	1
7	128001GT	SLEEVE,CONNECTOR,DT JOYSTICKS	1
8	75449GT	KNOB,ROCKER JOYSTICK 75565	1
9	75448GT	SUPPORT,SENSOR,JOYSTICK	1
10	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
11	75446GT	SPRING,SWITCH CENTERING,75565	1
12	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
13	75444GT	ROCKER,RETAINER, 75565	1
14	75443GT	BOOT, ROCKER JOYSTICK 75565	1

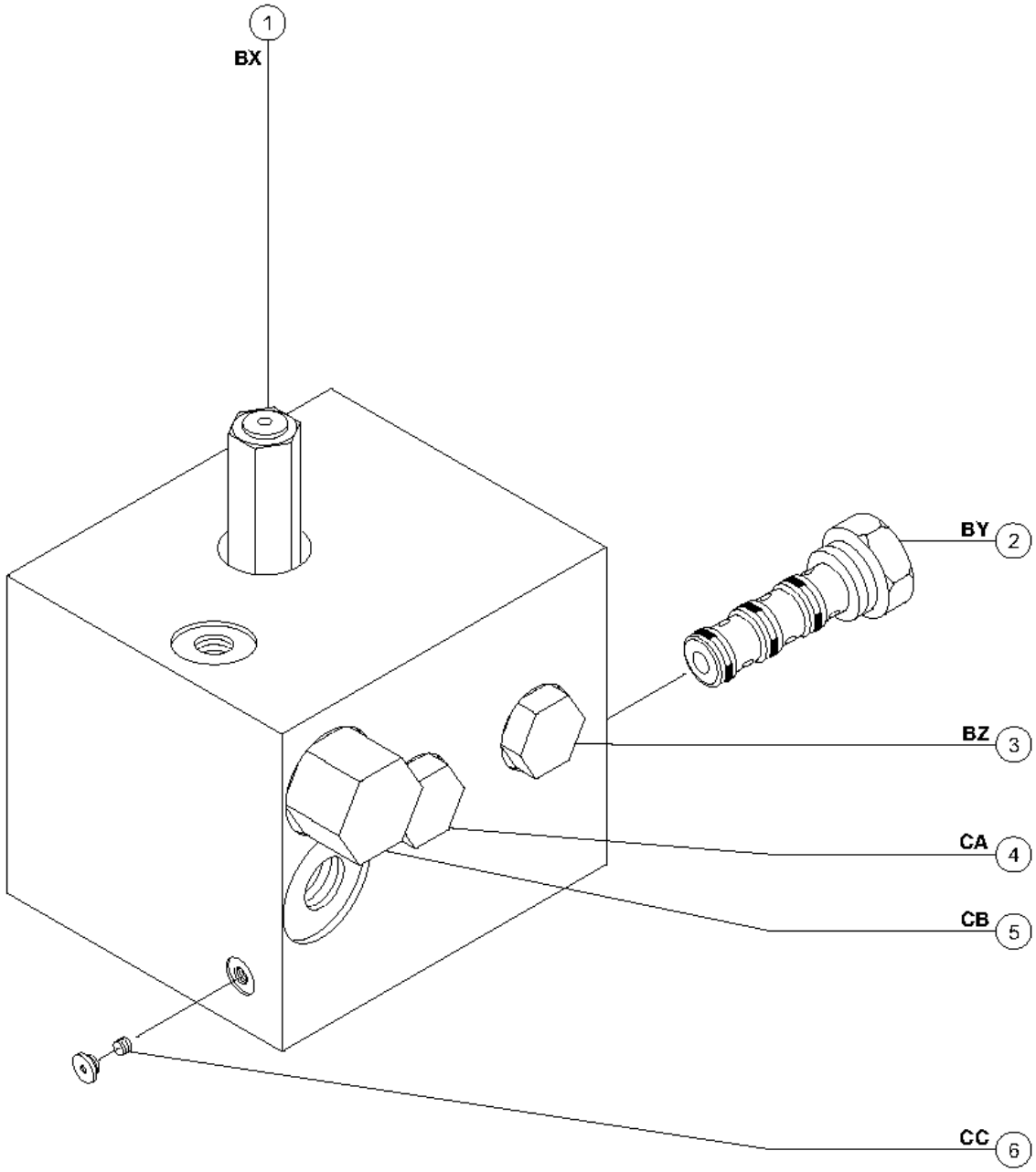
701.1 2WD Traction Manifold (to SN 3834)



701.1 2WD Traction Manifold (to SN 3834)

Item	Part No.	Description	Qty.
	34448GT	TRACTION MANIFOLD,2WD*** (complete)	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	43597GT	VALVE,RELIEF,210 PSI BF, Charge pressure circuit	
1-	110194GT	SEAL KIT, VALVE, #10	
2	52726GT	VALVE,FLOW DIVIDER/COMBINER BG, Controls flow to drive motors In forward and reverse	
2-	84135GT	SEAL KIT, VALVE	
3	33520GT	PLUG,ORIFICE,0.070 BH, Orifice plug, 0.07 inch	
4	27761GT	VALVE,SHUTTLE BI, Charge pressure circuit that gets hot oil out of low pressure side of drive pump	
4-	84134GT	SEAL KIT, VALVE	
5	48997GT	NIPPLE,DIAGNOSTIC,#4 Testing	
5-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
5-	48880GT	CAP,DIAGNOSTIC NIPPLE	

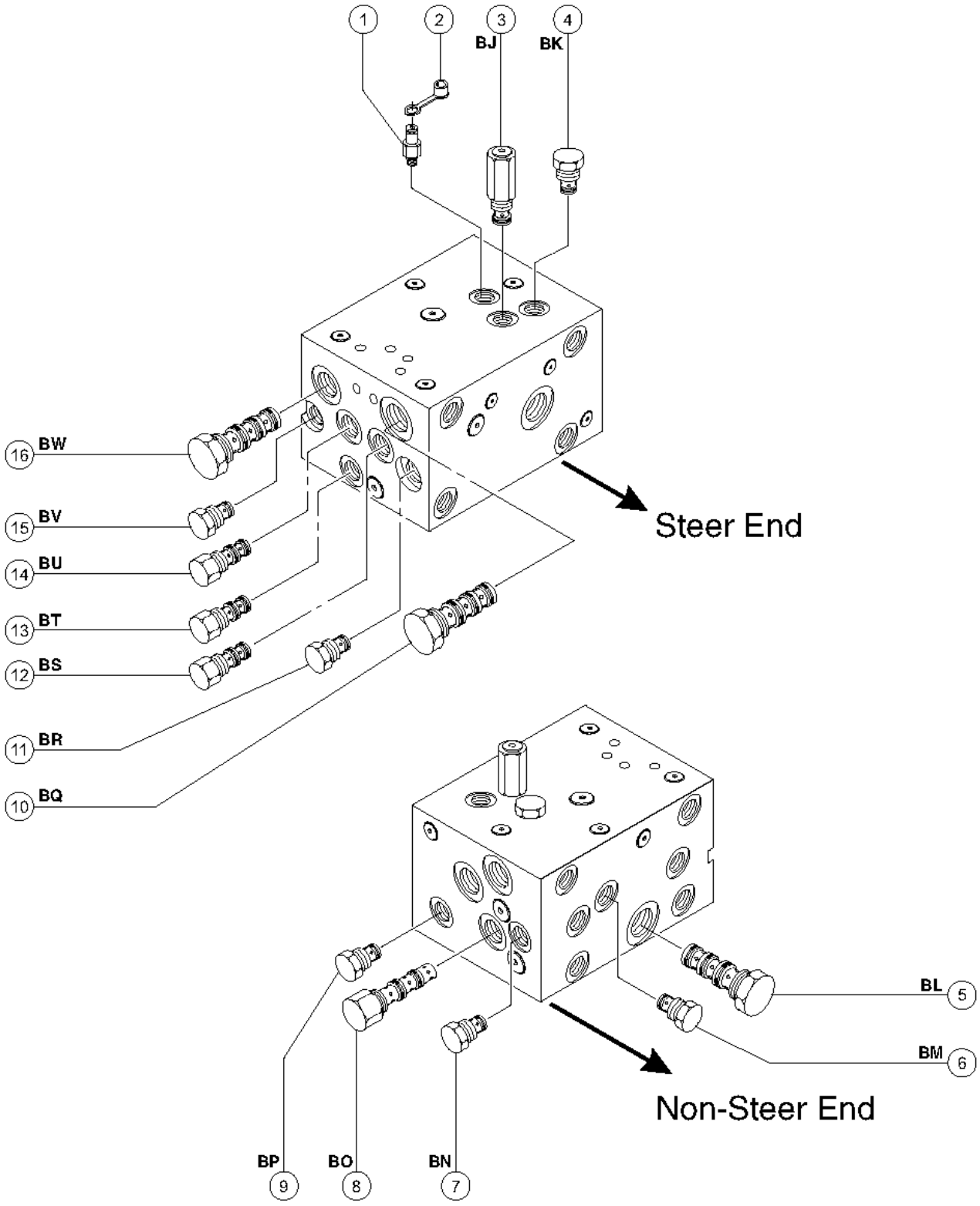
701.2 2WD Traction Manifold (from SN 3835)



701.2 2WD Traction Manifold (from SN 3835)

Item	Part No.	Description	Qty.
	88783GT	MANIFOLD,TRACTION,2WD (complete)	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	94758GT	VALVE,RELIEF,280PSI BX, Charge pressure circuit	
1-	110194GT	SEAL KIT, VALVE, #10	
2	52726GT	VALVE,FLOW DIVIDER/COMBINER BY, Contrtols flow to drive motors in forward and reverse	
2-	110194GT	SEAL KIT, VALVE, #10	
2-	110194GT	SEAL KIT, VALVE, #10	
3	27836GT	VALVE,CHECK,5 PSI BZ, Drive circuit	
3-	110194GT	SEAL KIT, VALVE, #10	
4	27836GT	VALVE,CHECK,5 PSI CA, Drive circuit	
4-	110194GT	SEAL KIT, VALVE, #10	
5	27761GT	VALVE,SHUTTLE CB, Controls flow to drive motors in forward and reverse	
5-	110194GT	SEAL KIT, VALVE, #10	
6	101440GT	ORIFICE PLUG, 0.070" CC, Equalizes flow across flow divider/ combiner valve BY	

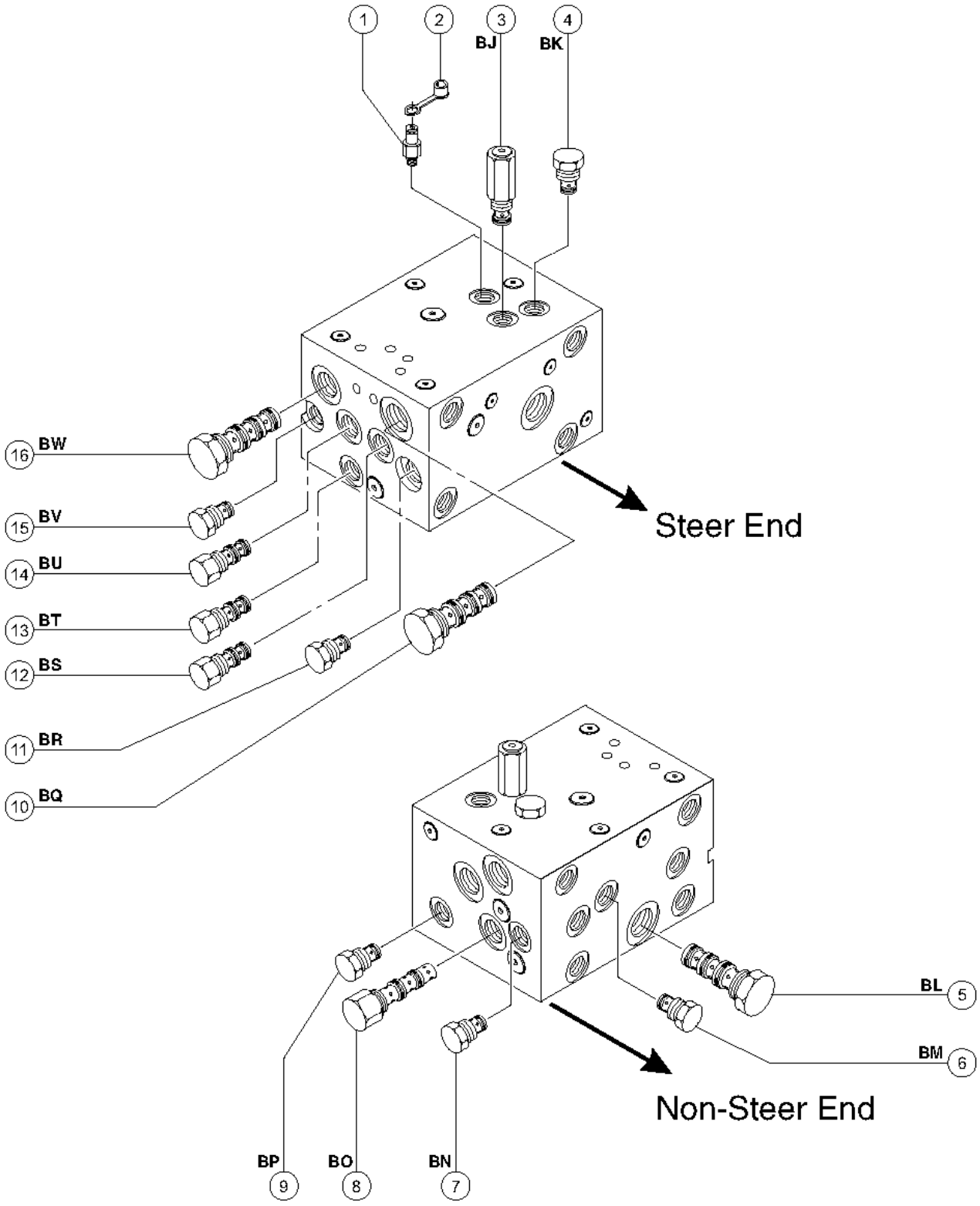
702.1 4WD Traction Manifold (to SN 3834)



702.1 4WD Traction Manifold (to SN 3834)

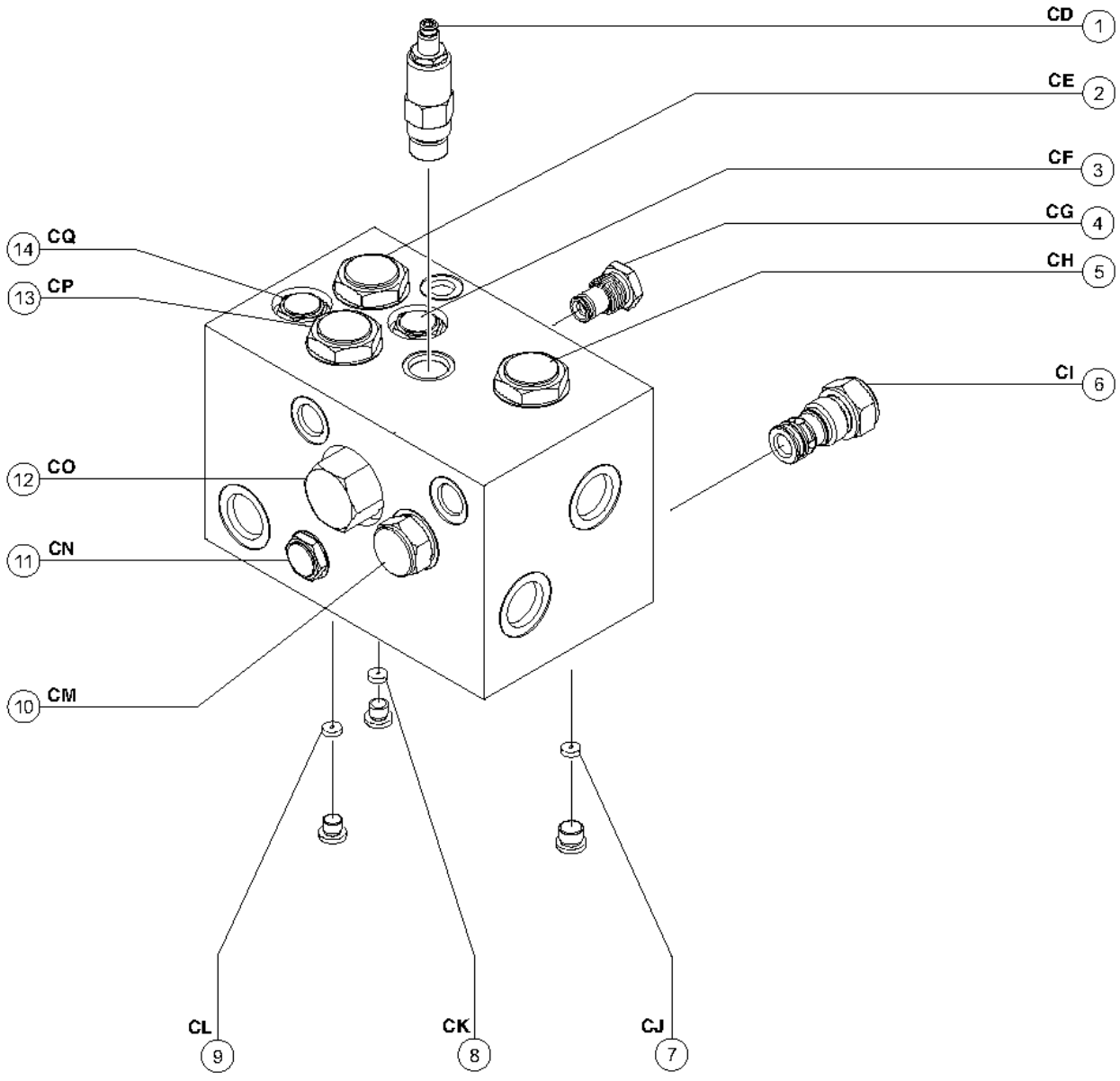
Item	Part No.	Description	Qty.
		Ref. 4WD traction manifold part 81055 is no longer available; for its complete replacement . customer must order part 139712 (refer to 702.3)	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48997GT	NIPPLE,DIAGNOSTIC,#4 Testing	
1-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
2	48880GT	CAP,DIAGNOSTIC NIPPLE	
3	62253GT	VALVE,RELIEF,250 PSI BJ, Charge pressure circuit	
3-	74902GT	SEAL KIT, VALVE	
4	69873GT	VALVE, CHECK BK, Drive motor anti-cavitation	
4-	74902GT	SEAL KIT, VALVE	
5	52726GT	VALVE,FLOW DIVIDER/COMBINER BL, Controls flow to flow divider/combiner valves BQ and BW	
5-	84135GT	SEAL KIT, VALVE	
6	69873GT	VALVE, CHECK BM, Drive motor anti-cavitation	
6-	74902GT	SEAL KIT, VALVE	
7	27836GT	VALVE,CHECK,5 PSI BN, Drive motor anti-cavitation	
7-	110194GT	SEAL KIT, VALVE, #10	
8	27761GT	VALVE,SHUTTLE BO, Charge pressure circuit that gets hot oil out of low pressure side of drive pump	
8-	84134GT	SEAL KIT, VALVE	
9	27836GT	VALVE,CHECK,5 PSI BP, Drive motor anti-cavitation	
9-	110194GT	SEAL KIT, VALVE, #10	
10	62252GT	VALVE, FLOW DIVIDER COMBINER BQ, Controls flow to steer end drive motors in forward and reverse	
10-	62252GT	VALVE, FLOW DIVIDER COMBINER	
11	69873GT	VALVE, CHECK BR, Drive motor anti-cavitation	
11-	74902GT	SEAL KIT, VALVE	
12	52723GT	VALVE-FLOW REGULATOR 2 GPM BS, Equalizes pressure on both sides of flow divider/combiner valve BQ	
12-	89310GT	SEAL KIT, SOLENOID VALVE	

702.1 4WD Traction Manifold (to SN 3834)



Item	*Part No.*	*Description*	*Qty.*
13	52723GT	VALVE-FLOW REGULATOR 2 GPM BT, Equalizes pressure on both sides of flow divider/combiner valve BL	
13-	89310GT	SEAL KIT, SOLENOID VALVE	
14	52723GT	VALVE-FLOW REGULATOR 2 GPM BU, Equalizes pressure on both sides of flow divider/combiner valve BW	
14-	89310GT	SEAL KIT, SOLENOID VALVE	
15	69873GT	VALVE, CHECK BV, Drive motor anti-cavitation	
15-	74902GT	SEAL KIT, VALVE	
16	62252GT	VALVE, FLOW DIVIDER COMBINER BW, Controls flow to non-steer end drive motors in forward and reverse	
16-	84135GT	SEAL KIT, VALVE	

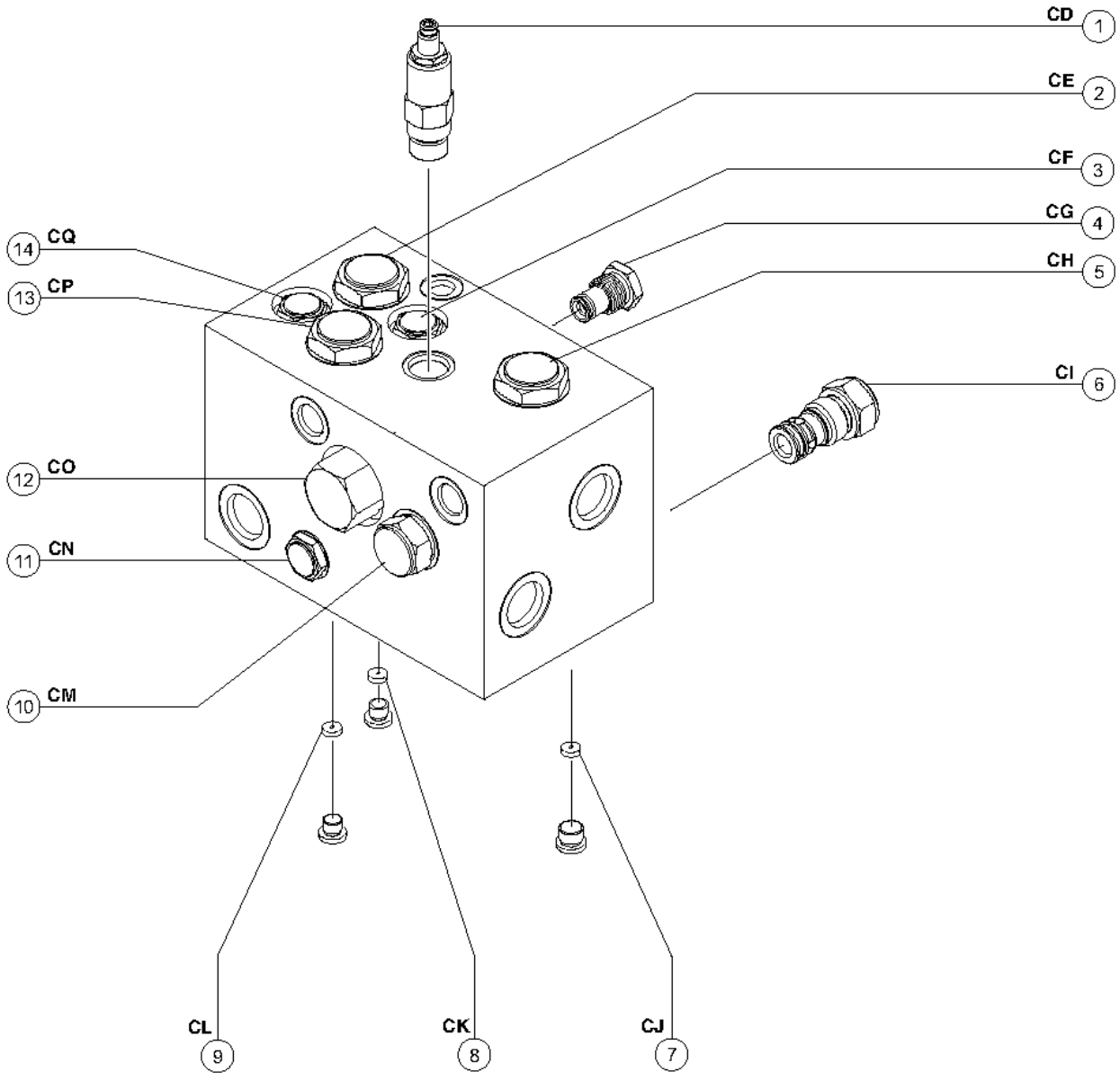
702.2 4WD Traction Manifold (from SN 3835)



702.2 4WD Traction Manifold (from SN 3835)

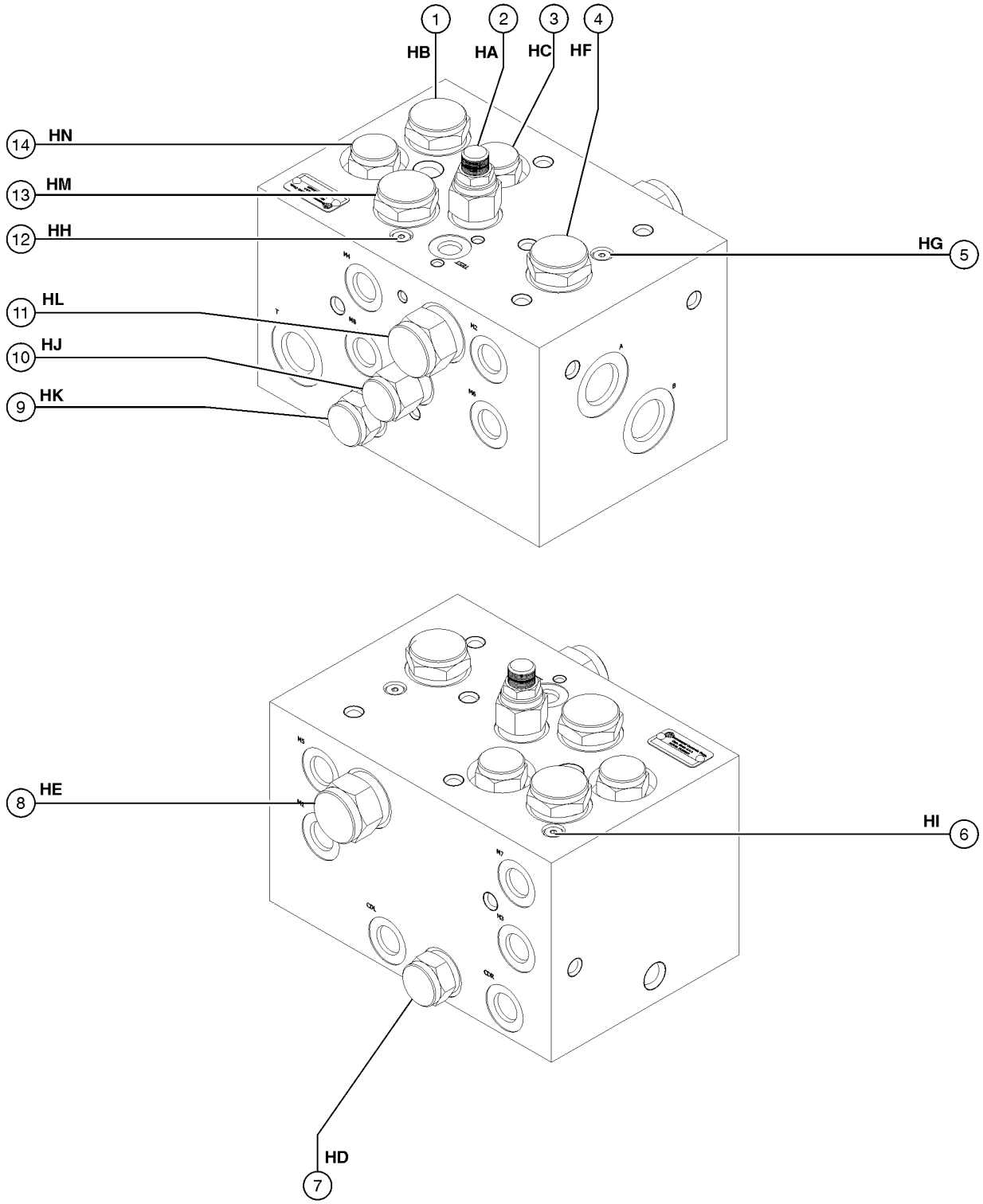
Item	Part No.	Description	Qty.
		Ref. 4WD traction manifold part 88784 is no longer available; for its complete replacement . customer must order part 139712 (refer to 702.3)	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	101446GT	VALVE,RELIEF 280 PSI CD, Charge pressure circuit	
1-	128416GT	SEAL KIT	
2	94752GT	VALVE FLOW DIVIDER/COMBINER CE, Controls flow to steer end drive motors in forward and reverse	
2-	128417GT	SEAL KIT	
3	94757GT	VALVE,CHECK,3 PSI*** CF, Drive motor anti-cavitation	
3-	128416GT	SEAL KIT	
4	94757GT	VALVE,CHECK,3 PSI*** CG, Drive motor anti-cavitation	
4-	128416GT	SEAL KIT	
5	94754GT	VALVE,FLOW DIVIDER/COMBINER CH, Controls flow to non-steer end drive motors in forward and reverse	
5-	128417GT	SEAL KIT	
6	94756GT	VALVE,CHECK, 2.5 PSI CI, Drive motor anti-cavitation	
6-	128418GT	SEAL KIT	
7	94751GT	ORIFICE,0.040" CJ, Equalizes flow	
8	94751GT	ORIFICE,0.040" CK, Equalizes flow	
9	94751GT	ORIFICE,0.040" CL, Equalizes flow	
10	94756GT	VALVE,CHECK, 2.5 PSI CM, Drive motor anti-cavitation	
10-	128418GT	SEAL KIT	
11	94757GT	VALVE,CHECK,3 PSI*** CN, Drive motor anti-cavitation	
11-	128416GT	SEAL KIT	
12	94753GT	VALVE,SHUTTLE,40 PSI CO, Hot oil shuttle	
12-	128417GT	SEAL KIT	
13	94752GT	VALVE FLOW DIVIDER/COMBINER CP, Flow divider/combiner	
13-	128417GT	SEAL KIT	

702.2 4WD Traction Manifold (from SN 3835)



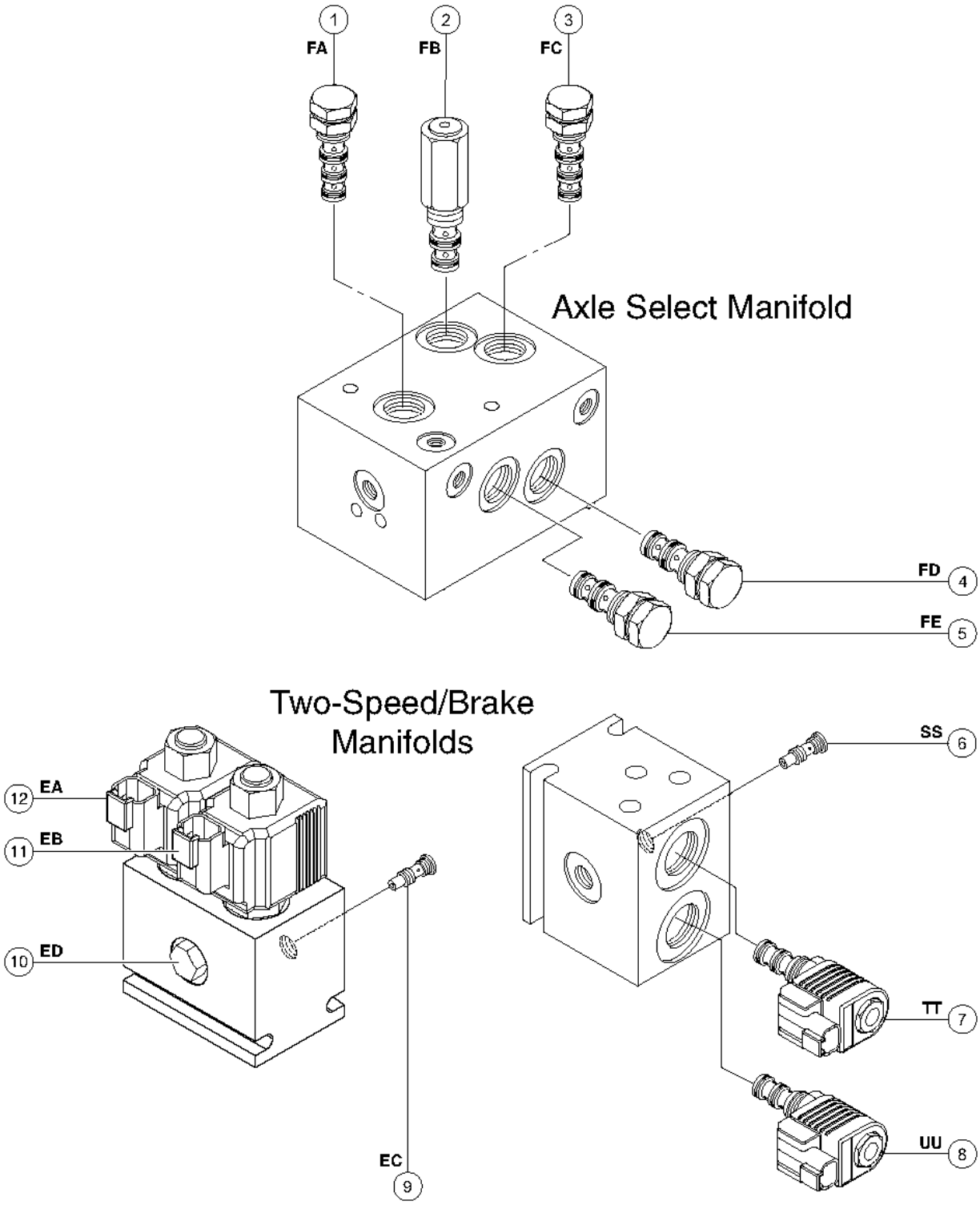
702.2 4WD Traction Manifold (from SN 3835)

Item	*Part No.*	*Description*	*Qty.*
14	94757GT	VALVE,CHECK,3 PSI*** CQ, Drive motor anti-cavitation	
14-	128416GT	SEAL KIT	


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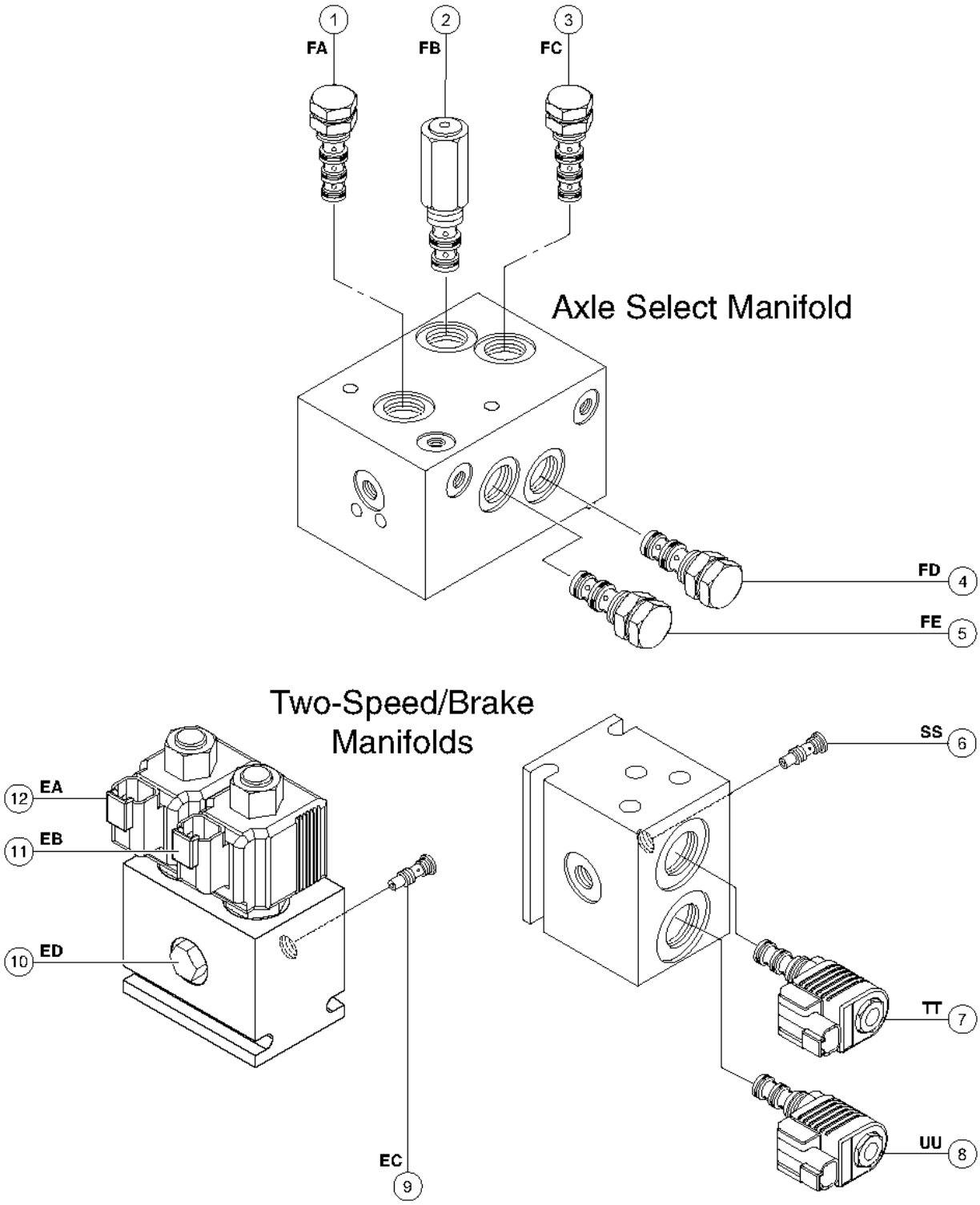
Item	Part No.	Description	Qty.
A-	139712GT	MANIFOLD,TRACTION,4WD*** (complete) customers can order this manifold to replace previous manifold part 81055 or 88784	
A-	1287434GT	PLUG,SAE #03 (139712) Plug for ORIFICE, 0.040"	
B-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
C-	49612GT	O-RING KIT (ORFS FITTINGS)	
D-	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
E-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	139717GT	VALVE, FLOW DIVIDE/COMB,24GPM HB, (controls flow to non-steer end drive motors in forward and reverse)	1
1-	139512GT	SEAL KIT, VALVE	
2	139718GT	VALVE, RELIEF, 280PSI HA, (charge pressure circuit)	1
2-	139528GT	SEAL KIT, VALVE	
3	139527GT	VALVE, CHECK, 5PSI HC, (steer end drive motor circuit)	1
4	139508GT	VALVE, FLOW DIVIDE/COMBINE 1:1 HF, (controls flow to flow divider/combiner valves 1 and 13)	1
5	139719GT	ORIFICE, 0.040" HG, (equalizes pressure on both sides of flow divider/combiner valve)	1
6	139719GT	ORIFICE, 0.040" HI, (equalizes pressure on both sides of flow divider/combiner valve)	1
7	139527GT	VALVE, CHECK, 5PSI HD, (non-steer end drive motor circuit)	1
8	139716GT	VALVE, CHECK HE, (non-steer end drive motor circuit)	1
8-	139727GT	SEAL KIT, VALVE	
9	139527GT	VALVE, CHECK, 5PSI HK, (steer end drive motor circuit)	1
10	139715GT	VALVE, SHUTTLE, FIXED HJ, (steer end drive motor circuit)	1
10-	139512GT	SEAL KIT, VALVE	
11	139716GT	VALVE, CHECK HL, (charge pressure circuit that directs hot oil out of low pressure side of drive pump)	1
12	139719GT	ORIFICE, 0.040" HH, (equalizes pressure on both sides of flow divider/combiner valve)	1
13	139717GT	VALVE, FLOW DIVIDE/COMB,24GPM HM, (controls flow to steer end drive motors in forward and reverse)	1
13-	139512GT	SEAL KIT, VALVE	
14	139527GT	VALVE, CHECK, 5PSI HN, (non-steer end drive motor circuit)	1

703.1 Axle Select Manifold and Two-Speed/Brake Manifold



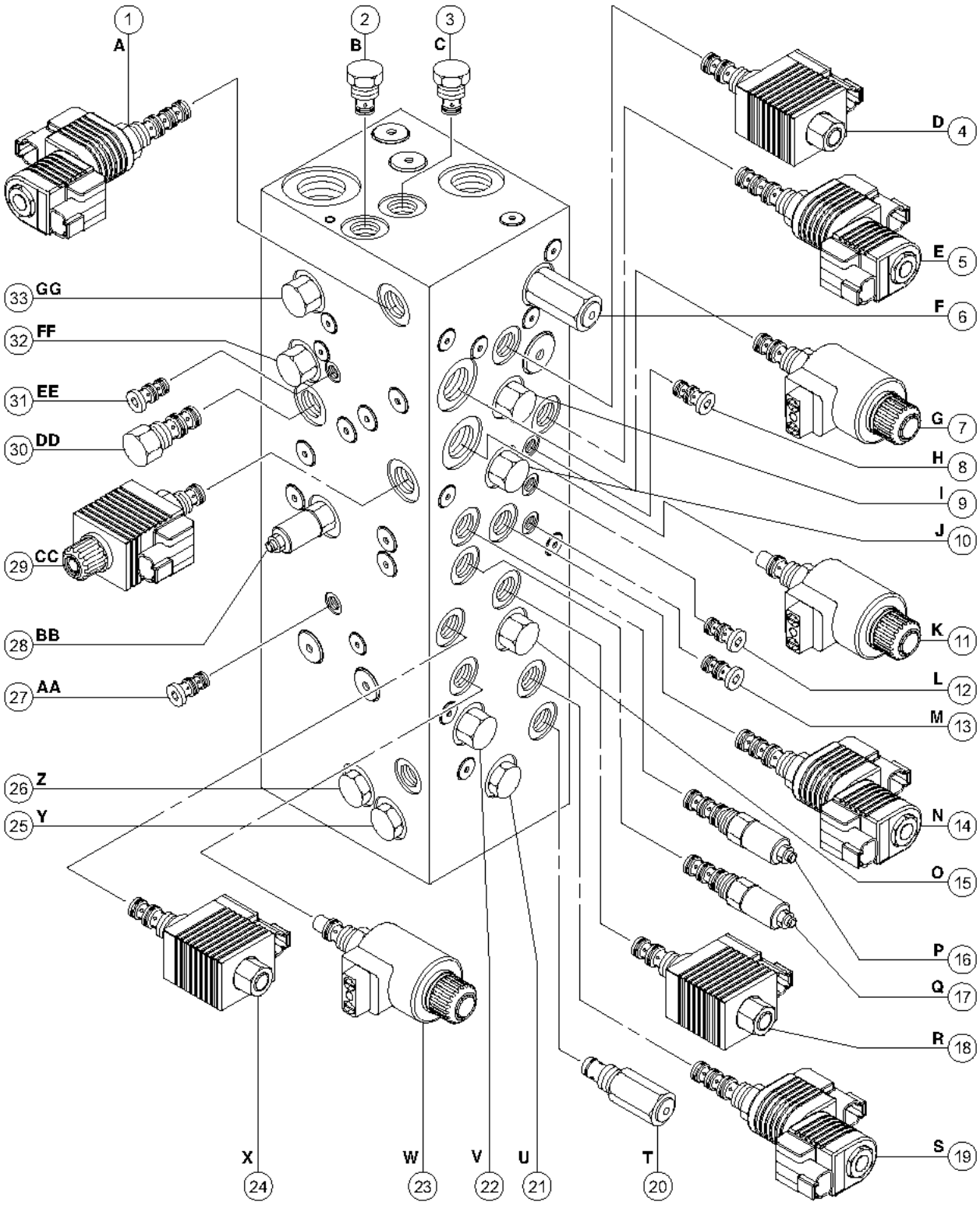
Item	Part No.	Description	Qty.
	81326GT	MANIFOLD,AXLE SELECT includes items 1-5	
A-	81820GT	MANIFOLD,BRAKE/2 SPD W/QD PLUG includes items 6-8; to SN 4211	
B-	102030GT	MANIFOLD,BRAKE/MOTOR SHIFT*** includes items 9-12; from SN 4212 to SN 4435	
C-	81820GT	MANIFOLD,BRAKE/2 SPD W/QD PLUG includes items 6-8; from SN 4436 to SN 4617	
D-	102030GT	MANIFOLD,BRAKE/MOTOR SHIFT*** includes items 9-12; from SN 4618	
1	62264GT	VALVE,DIRECTIONAL CONTROL FA, Directs flow from steer cylinders to axle extend circuit	
1-	110196GT	SEAL KIT, VALVE, #10	
2	62266GT	VALVE,PRESS.REDUCING,1000 PSI FB, Limits pressure to tie rod cylinder during axle extension	
2-	110203GT	SEAL KIT, VALVE, #10 for 62266	
3	62264GT	VALVE,DIRECTIONAL CONTROL FC, Directs flow from steer cylinders to axle retract circuit	
3-	110196GT	SEAL KIT, VALVE, #10	
4	62265GT	VALVE,DIRECTIONAL 2 POS 2 WAY FD, Locks out steer cylinders during axle extend/retract	
4-	89310GT	SEAL KIT, SOLENOID VALVE	
5	62265GT	VALVE,DIRECTIONAL 2 POS 2 WAY FE, Locks out steer cylinders during axle extend/retract	
5-	89310GT	SEAL KIT, SOLENOID VALVE	
6	27807GT	VALVE,CHECK*** SS, Brake circuit	
7	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY TT, Brake release	
7-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
7-	52943GT	NUT, SOLENOID VALVE COIL	
7-	72043GT	SEAL KIT,SOLENOID VALVE	
8	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY UU, Two-Speed motor shift	
8-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
8-	52943GT	NUT, SOLENOID VALVE COIL	
8-	72043GT	SEAL KIT,SOLENOID VALVE	
9	27807GT	VALVE,CHECK*** EC, One way flow	
10	89300GT	PLUG, .042 ORIFICE, 1/16 NPT ED, Controls flow to tank	
11	89769GT	VALVE - SOLENOID 2 POS 2 WAY EB, Two-Speed motor shift	
11-	89733GT	COIL SOLENOID VALVE***	

703.1 Axle Select Manifold and Two-Speed/Brake Manifold



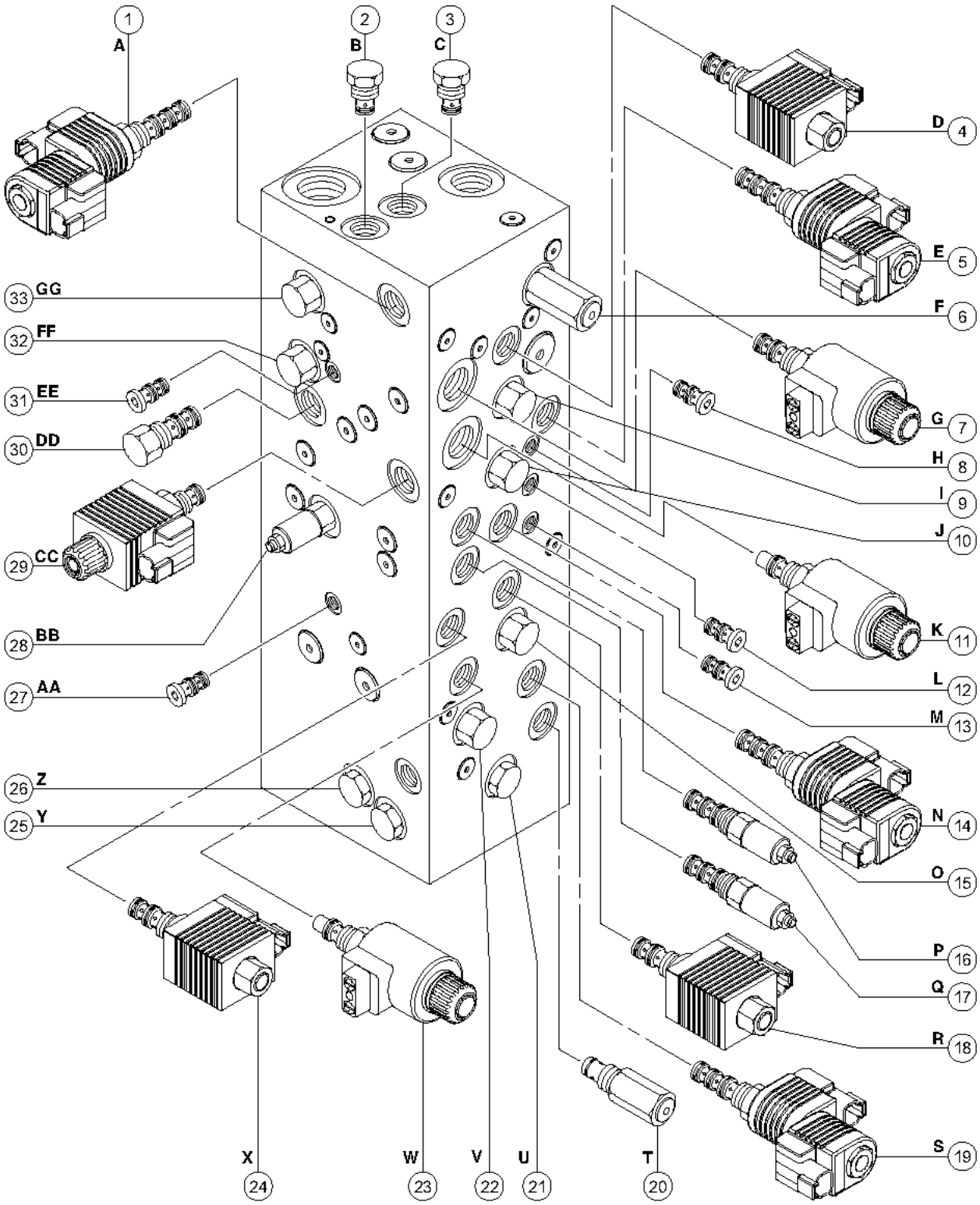
Item	*Part No.*	*Description*	*Qty.*
11-	89735GT	NUT ASSY (89769)*** ..... includes coil nut	
11-	89770GT	SEAL KIT, SOLENOID VALVE	
12	89769GT	VALVE - SOLENOID 2 POS 2 WAY ..... EA, Brake release	
12-	89733GT	COIL SOLENOID VALVE***	
12-	89735GT	NUT ASSY (89769)*** ..... includes coil nut	
12-	89770GT	SEAL KIT, SOLENOID VALVE	

704.1 Function Manifold - View 1



Item	Part No.	Description	Qty.
-		(refer to 705.1 for axle dump manifold)	
	111990GT	MANIFOLD,FUNCTION AND DUMP (complete) contains function and dump manifolds	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	70246GT	ACCUMULATOR,10CC,450PSI,#6SAE (refer to 705.1)	
1	89307GT	VALVE,SOLENOID 3POS 4WAY* A, Platform rotate left/right	
1-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
1-	52943GT	NUT, SOLENOID VALVE COIL	
1-	89311GT	SPACER, DUAL COIL SIZE #8	
1-	72047GT	SEAL KIT, SOLENOID VALVE	
2	62257GT	VALVE,CHECK, 30 PSI B, Platform rotate circuit prevents hydraulic fluid from draining back to tank	
2-	74902GT	SEAL KIT, VALVE	
3	62257GT	VALVE,CHECK, 30 PSI C, Platform rotate circuit prevents hydraulic fluid from draining back to tank	
3-	74902GT	SEAL KIT, VALVE	
4	62254GT	VALVE,SOLENOID, 2 POS, 3 WAY D, Boom retract	
4-	62275GT	COIL,10V	
4-	45912GT	NUT,SOLENOID VALVE 2P3W	
4-	89310GT	SEAL KIT, SOLENOID VALVE	
5	89307GT	VALVE,SOLENOID 3POS 4WAY* E, Turntable rotate left/right	
5-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
5-	52943GT	NUT, SOLENOID VALVE COIL	
5-	89311GT	SPACER, DUAL COIL SIZE #8	
5-	72047GT	SEAL KIT, SOLENOID VALVE	
6	48640GT	VALVE,RELIEF,2500 PSI F, Boom extend/retract circuit	
6-	74902GT	SEAL KIT, VALVE	
7	77500GT	VALVE,SOLENOID 2 POS 3 WAY G, Boom extend	

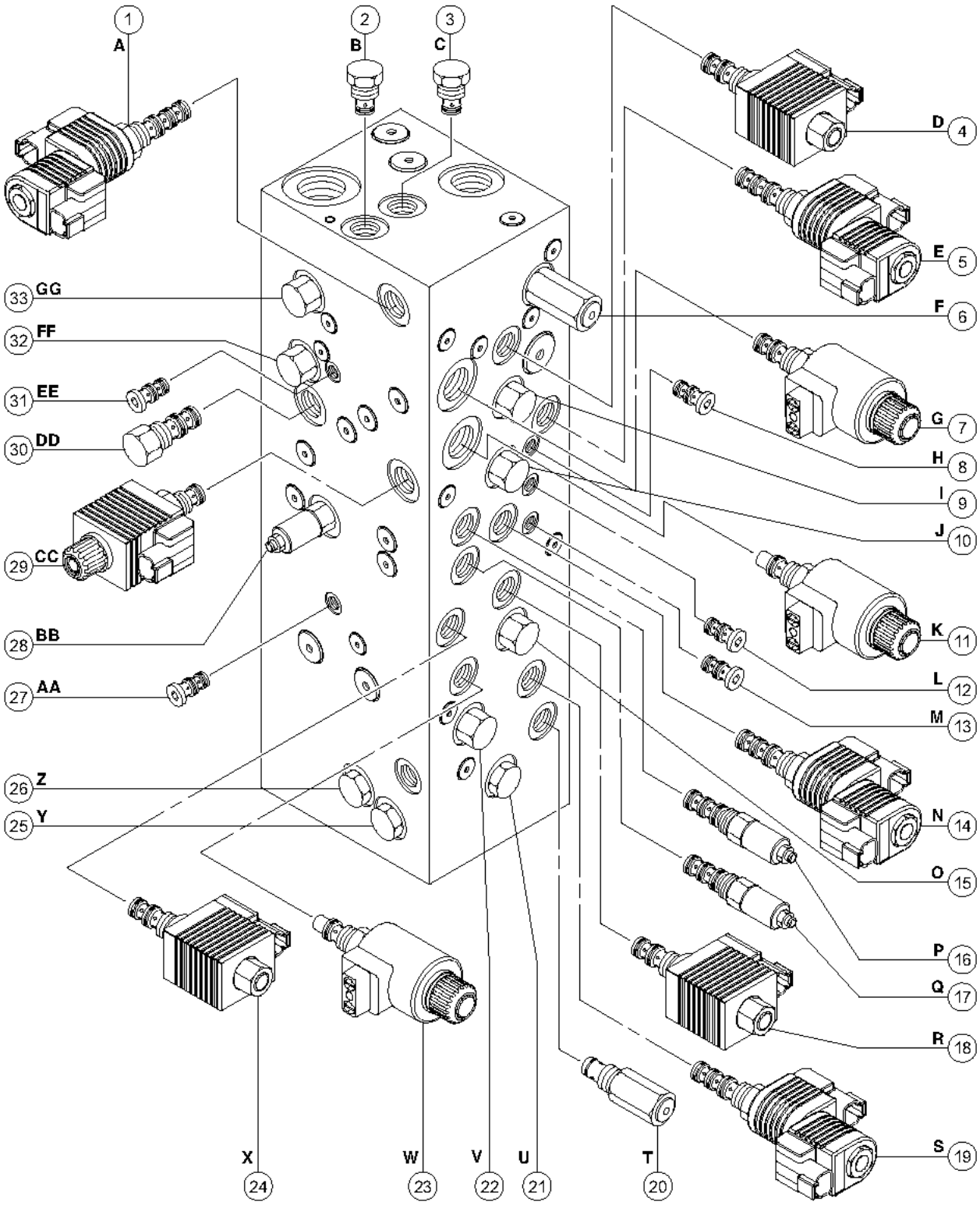
704.1 Function Manifold - View 1



704.1 Function Manifold - View 1

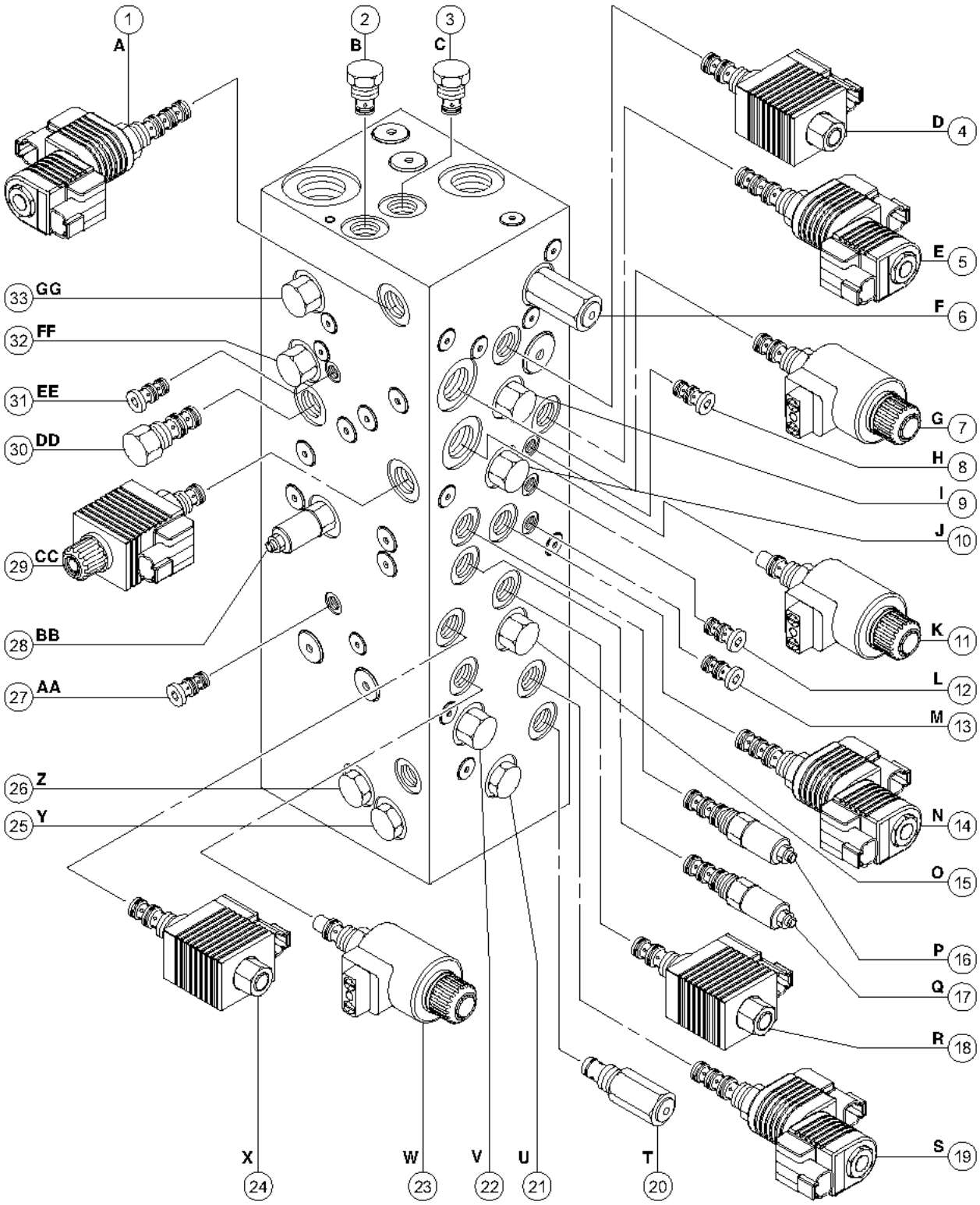
Item	Part No.	Description	Qty.
7-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
7-	45914GT	O-RING, DO1 VALVE	
7-	21935GT	COIL, 12V, 19972/21623/29069	
7-	110198GT	SEAL KIT, VALVE, #12	
8	27807GT	VALVE,CHECK*** H, Differential sensing circuit, turntable rotate left/right	
9	27802GT	VALVE,DIFFERENTIAL SENSING*** I, Boom extend/retract circuit prevents overflowing the proportional valve	
9-	110197GT	SEAL KIT, VALVE, #10	
10	27802GT	VALVE,DIFFERENTIAL SENSING*** J, Turntable rotate left/right circuit prevents overflowing the proportional valve	
10-	110197GT	SEAL KIT, VALVE, #10	
11	48641GT	VALVE,PROPORTIONAL, 12V ** K, Boom extend/retract circuit	
11-	122004GT	VALVE,PROPORTIONAL SOLENOID K, Boom extend/retract circuit, use in place of 48641 on units with SN 7210, 7216, 7217, 7219, 7220, 7224 - 7232, 7234, 7236 - 7239 and 7241.	
11-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
11-	45914GT	O-RING, DO1 VALVE	
11-	21935GT	COIL, 12V, 19972/21623/29069	
12	27807GT	VALVE,CHECK*** L, Differential sensing circuit, platform level down	
13	27807GT	VALVE,CHECK*** M, Differential sensing circuit, platform level up	
14	89307GT	VALVE,SOLENOID 3POS 4WAY* N, Platform level up/down	
14-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
14-	52943GT	NUT, SOLENOID VALVE COIL	
14-	89311GT	SPACER, DUAL COIL SIZE #8	
14-	72047GT	SEAL KIT, SOLENOID VALVE	
15	27802GT	VALVE,DIFFERENTIAL SENSING*** O, Boom up/down circuit prevents overflowing the proportional valve	
15-	110197GT	SEAL KIT, VALVE, #10	
16	62256GT	VALVE,CB 3:1 3500 PSI P, Platform level down circuit	
16-	110202GT	SEAL KIT, VALVE, #10	
17	62256GT	VALVE,CB 3:1 3500 PSI Q, Platform level up circuit	
17-	110202GT	SEAL KIT, VALVE, #10	
18	62254GT	VALVE,SOLENOID, 2 POS, 3 WAY R, Boom down	

704.1 Function Manifold - View 1



Item	Part No.	Description	Qty.
18-	62275GT	COIL,10V	
18-	45912GT	NUT,SOLENOID VALVE 2P3W	
18-	110196GT	SEAL KIT, VALVE, #10	
19	111703GT	VALVE,SOLENOID 3 POS,4 WAY*** S, Steer left/right and axle extend/retract	
19-	111778GT	COIL,10V DC(D10,26 WATT) for 111703	
19-	111779GT	SEAL KIT,VALVE,#10	
19-	62277GT	COIL,10V for valve 62266 (no longer available)	
19-	89722GT	SEAL KIT, SOLENOID VALVE	
19-	52943GT	NUT, SOLENOID VALVE COIL	
20	35000GT	VALVE,RELIEF 2900 PSI*** T, System relief	
20-	110194GT	SEAL KIT, VALVE, #10	
21	27836GT	VALVE,CHECK,5 PSI U, Blocks flow from auxiliary pump to function pump	
21-	110194GT	SEAL KIT, VALVE, #10	
22	111705GT	VALVE,FLOW REGULATOR 3.5 GPM** V, Steer circuit	
22-	110202GT	SEAL KIT, VALVE, #10	
23	27801GT	VALVE,PROPORTIONAL SOLENOID*** W, Boom up/down circuit	
23-	122003GT	VALVE,PROPORTIONAL,SOLENOID W, Boom up/down circuit, use in place of 27801 on units with SN 7210, 7216, 7217, 7219, 7220, 7224 - 7232, 7234, 7236 - 7239 and 7241	
23-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
23-	58302GT	O-RING, D01 VALVE	
23-	21935GT	COIL, 12V, 19972/21623/29069	
23-	89310GT	SEAL KIT, SOLENOID VALVE	
24	62254GT	VALVE,SOLENOID, 2 POS, 3 WAY X, Boom up	
24-	62275GT	COIL,10V	
24-	45912GT	NUT,SOLENOID VALVE 2P3W	
24-	89310GT	SEAL KIT, SOLENOID VALVE	
25	111392GT	VALVE,CHECK,150 PSI Y, Blocks flow from function pump to auxiliary pump	
25-	110194GT	SEAL KIT, VALVE, #10	
26	62259GT	VALVE,CHECK 30 PSI Z, Hydraulic oil cooler bypass	

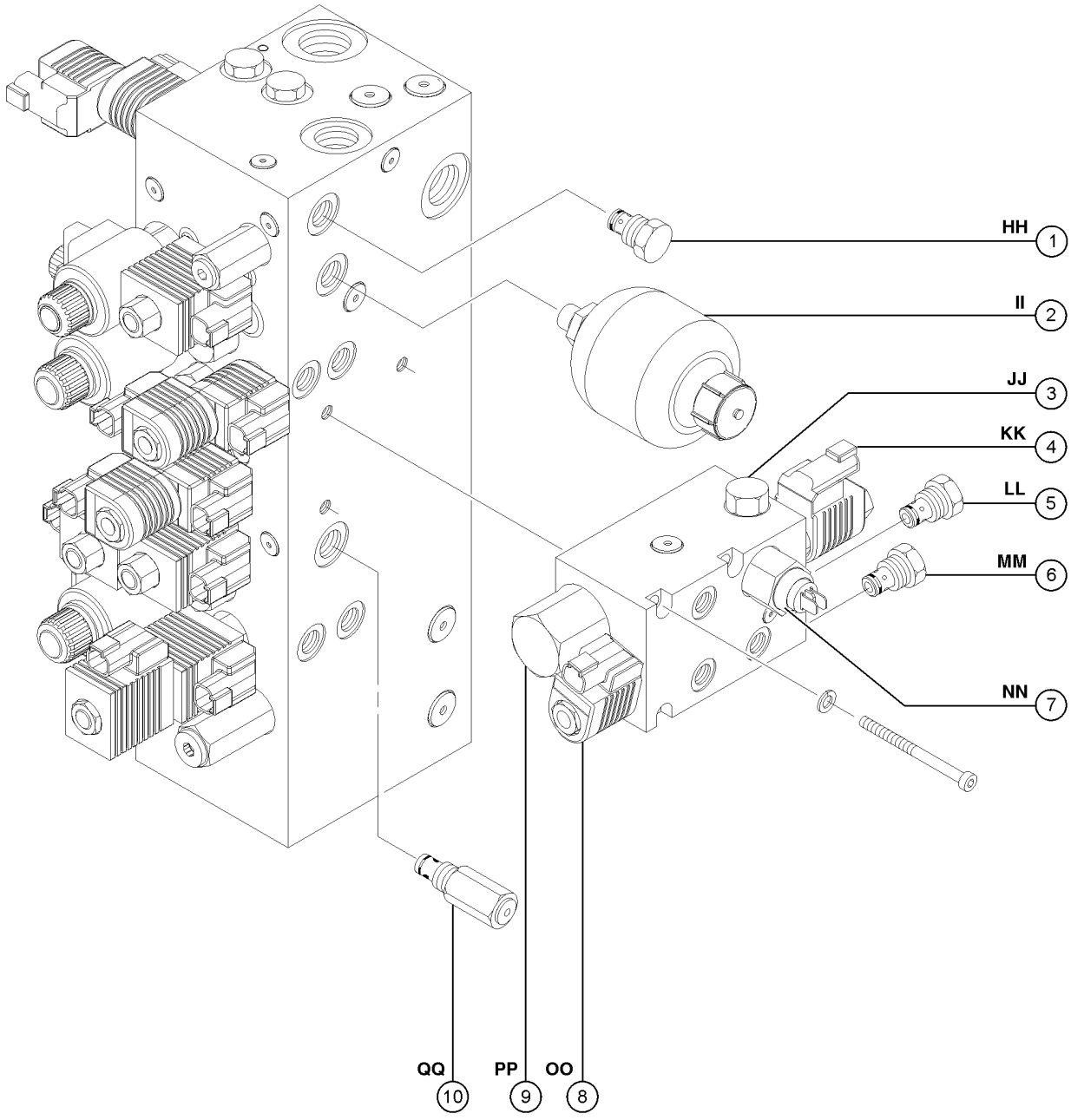
704.1 Function Manifold - View 1



704.1 Function Manifold - View 1

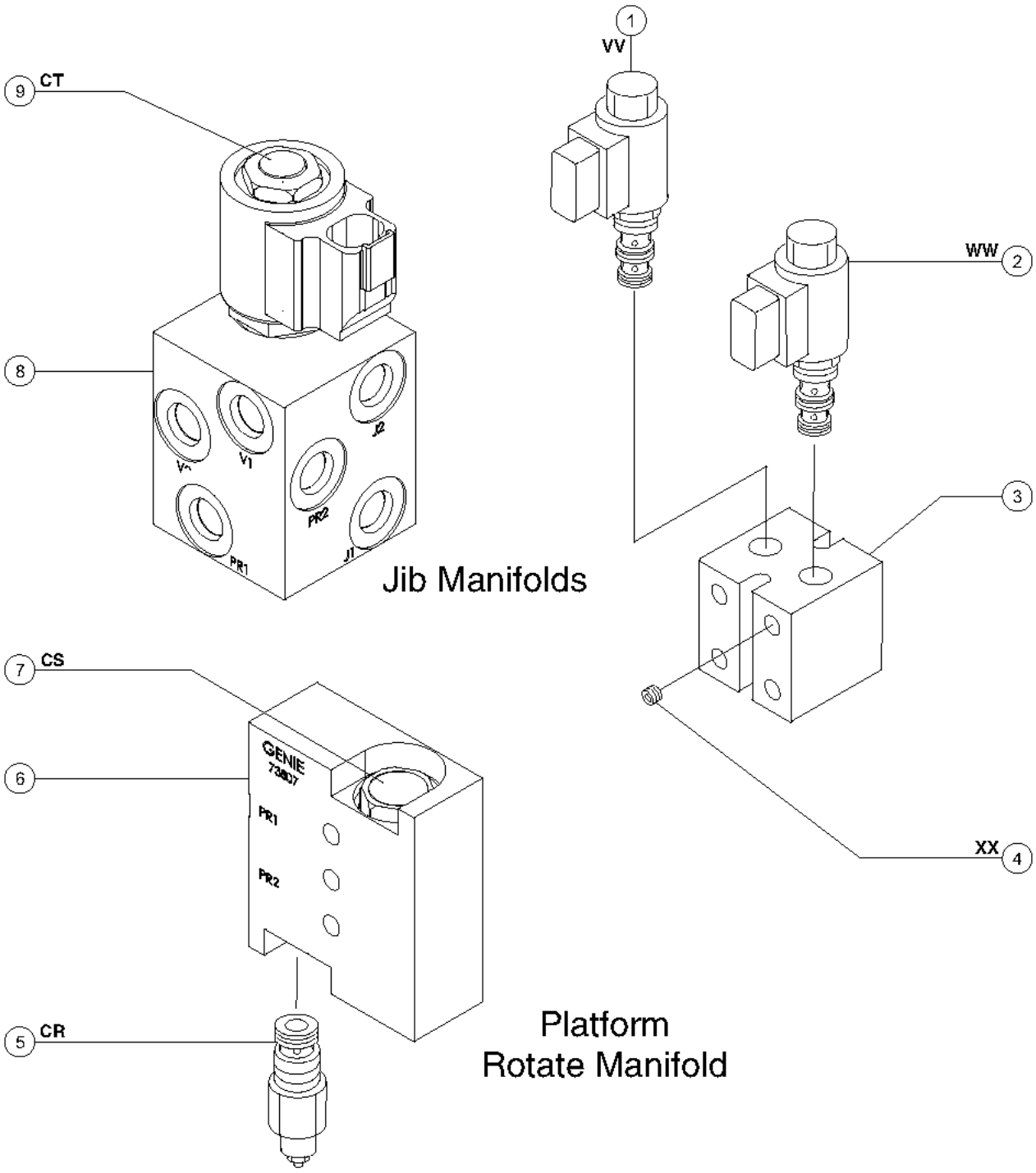
Item	Part No.	Description	Qty.
26-	110194GT	SEAL KIT, VALVE, #10	
27	27807GT	VALVE,CHECK*** AA, Boom up/down circuit	
28	62258GT	VALVE,NEEDLE*** BB, Platform level circuit	
28-	110194GT	SEAL KIT, VALVE, #10	
29	62255GT	VALVE,PROPORTIONAL*** CC, Turntable rotate circuit	
29-	62274GT	COIL,12V	
29-	89312GT	SEAL KIT, SOLENOID VALVE	
30	27804GT	VALVE,DIFFERENTIAL SENSING*** DD, Meters flow to functions	
31	27807GT	VALVE,CHECK*** EE, Differential sensing circuit, boom extend/retract	
32	32975GT	VALVE,FLOW REGULATOR 0.1 GPM FF, Bleeds off differential sensing valves to tank	
32-	74902GT	SEAL KIT, VALVE	
33	31100GT	VALVE,FLOW REGULATOR 0.6GPM GG, Platform rotate circuit	
33-	74902GT	SEAL KIT, VALVE	

705.1 Function Manifold - View 2

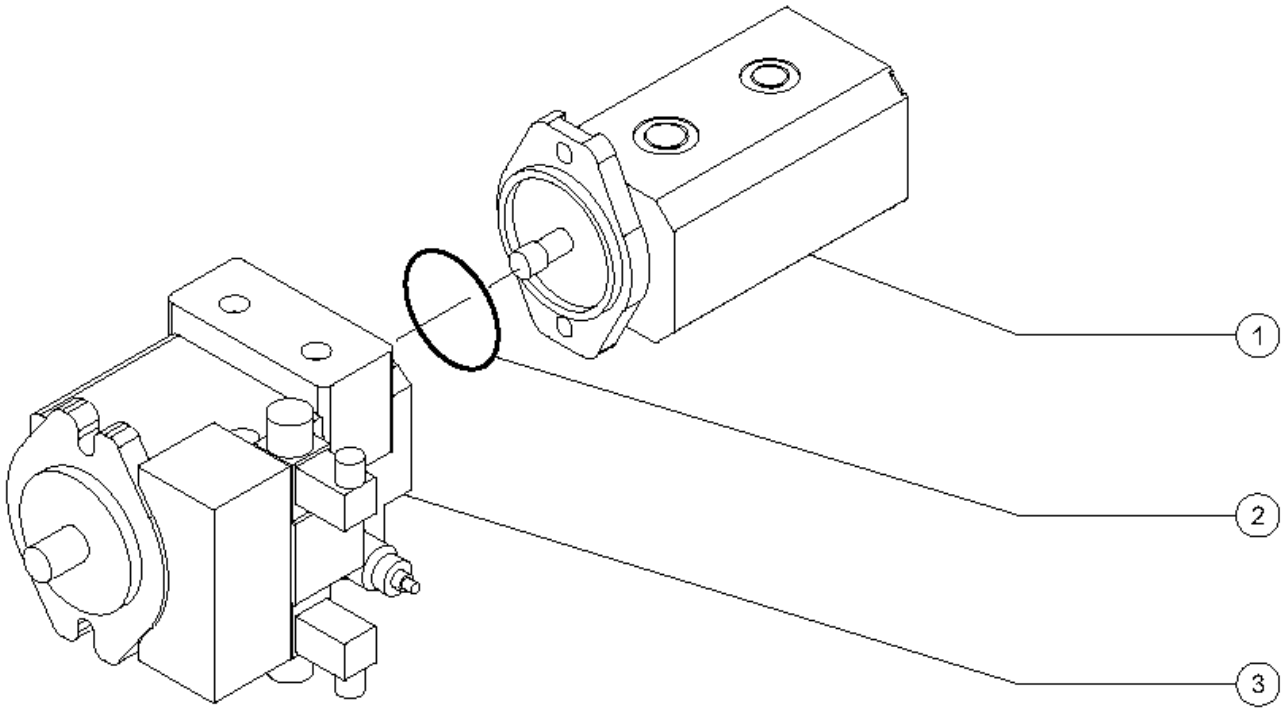


705.1 Function Manifold - View 2

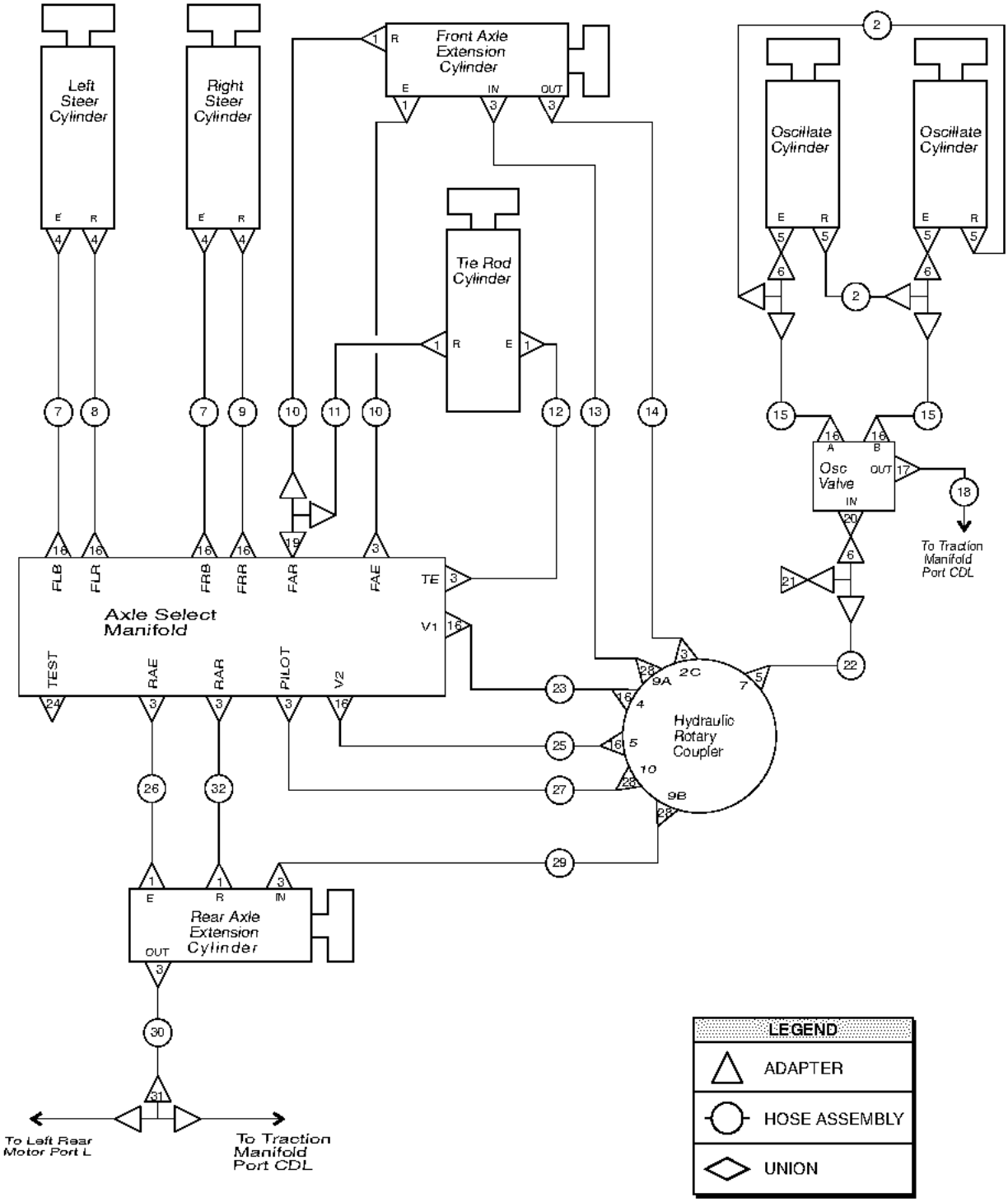
Item	Part No.	Description	Qty.
	111990GT	MANIFOLD,FUNCTION AND DUMP (complete) contains function and dump manifolds	
	81101GT	MANIFOLD,FUNCTION S80/85 (complete)	
	81521GT	MANIFOLD,AXLE DUMP (complete)	
	70246GT	ACCUMULATOR,10CC,450PSI,#6SAE	
1	62257GT	VALVE,CHECK, 30 PSI HH, Platform rotate circuit prevents hydraulic fluid from draining back to tank	
1-	74902GT	SEAL KIT, VALVE II, Hydraulic dampenin	
2	70246GT	ACCUMULATOR,10CC,450PSI,#6SAE	
3	31099GT	VALVE, FLOW REGULATOR JJ, Dump circuit source from charge pump	
3-	74902GT	SEAL KIT, VALVE	
4	62262GT	VALVE,SOLENOID N/O (LONG)*** KK, Allows boom functions to operate with the boom in the stowed position	
4-	89297GT	SEAL KIT, SOLENOID VALVE	
4-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
4-	45912GT	NUT,SOLENOID VALVE 2P3W	
5	69873GT	VALVE, CHECK LL, Blocks flow from charge pump to auxiliary pump	
5-	74902GT	SEAL KIT, VALVE	
6	69873GT	VALVE, CHECK MM, Blocks flow from auxiliary pump to charge pump	
6-	74902GT	SEAL KIT, VALVE	
7	81482GT	SWITCH,PRESS,NC,180 PSI,#4SAE NN, Axle extend pressure switch	
8	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY OO, Provides pilot signal to redirect steer flow to axle extension system	
8-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
8-	45912GT	NUT,SOLENOID VALVE 2P3W	
8-	72043GT	SEAL KIT,SOLENOID VALVE	
9	62244GT	VALVE,DIRECTIONAL,2POS.2WAY PP, Dump valve that allows boom functions to operate when axles are fully extended	
9-	43018GT	SEAL KIT (39345)	
10	48415GT	VALVE,RELIEF QQ, Boom down	


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PR2
PR1
J1
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Jib Manifolds
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CS
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GENIE
PR1
PR2
XX
4
5
CR
Platform
Rotate Manifold

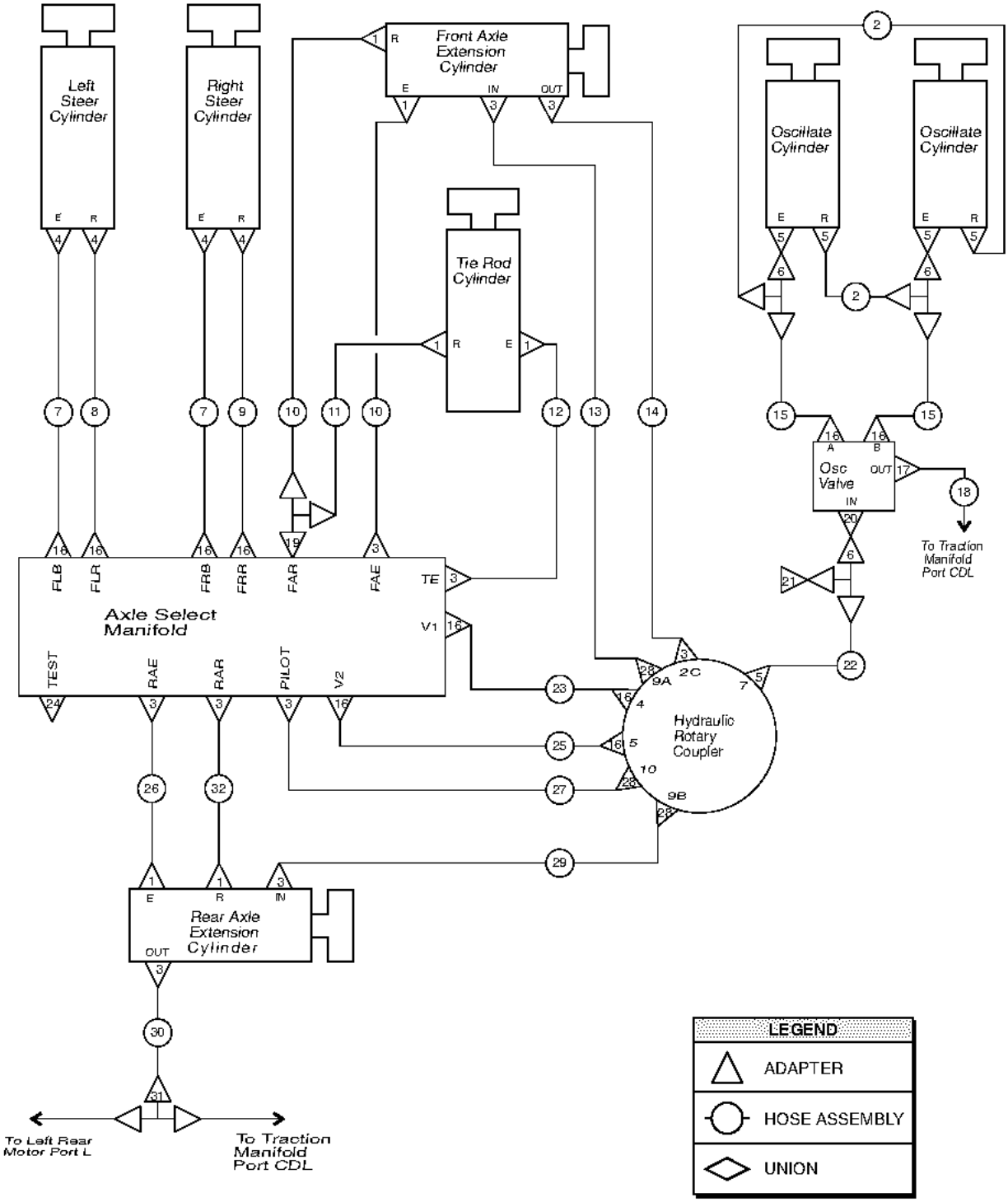
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	62267GT	VALVE,SOLENOID N/C (SHORT)*** VV, Platform rotate select; to SN 3834	
1-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
1-	52943GT	NUT, SOLENOID VALVE COIL	
1-	89297GT	SEAL KIT, SOLENOID VALVE	
2	62262GT	VALVE,SOLENOID N/O (LONG)*** WW, Jib boom select; to SN 3834	
2-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
2-	45912GT	NUT,SOLENOID VALVE 2P3W	
2-	89297GT	SEAL KIT, SOLENOID VALVE	
3	81821GT	MANIFOLD,JIB SELECT W/QD PLUG to SN 3834	
4	84139GT	PLUG, ORIFICE, 0.035" XX, Jib boom circuit	
5	62506GT	VALVE - COUNTERBALANCE** CR, Platform rotate right	
5-	43018GT	SEAL KIT (39345)	
6	73807GT	MANIFOLD,ROTATOR,CB***	
6-	62507GT	O-RING, ROTATOR MANIFOLD	
6-	43018GT	SEAL KIT (39345)	
7	62506GT	VALVE - COUNTERBALANCE** CS, Platform rotate left	
8		Ref. MANIFOLD,JIB SELECT W/QD PLUG* Previous jib manifold 88786 is no longer available. For complete replacement order jib manifold 1256670; from SN 3835	
8-	1256670GT	MANIFOLD,JIB SELECT W/QD PLUG Can also be used to replace previous jib manifold from SN 3835	
9A	52897GT	VALVE,SOLENOID, 2POS/3WAY*** CC, Platform rotate / jib boom select (used only on jib manifold 1256670)	
9A-	52371GT	SEAL KIT, VALVE Used with valve part 52897	
9B	89862GT	VALVE-SOLENOID,2POS 3WAY,JIB** CT, Platform rotate / jib boom select (used only on previous jib manifold 88786)	
9B-	89864GT	SEAL KIT,SOLENOID VALVE, SV07 Used with valve part 89862	
9C-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
9C-	44174GT	NUT-COIL SHORT	


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2
3

Item	*Part No.*	*Description*	*Qty.*
	81386GT	PUMP ASSY,DRIVE & FUNCTION	
1	T110129GT	PUMP,LIFT,2 SECTION** (replaced 81103)	1
1-	147549GT	KIT, SEAL, PUMP, 2 SECTION (for 139882 and 139801)	
1-	94918GT	KIT,SEAL,PUMP 81103	
2	29436GT	O-RING***	1
3	81647GT	PUMP M46 VAR.PISTON 2.8 C.I.	1
3-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	
3-	77819GT	EDC ASSY,SAUER M46***	
3-	T107233GT	SHAFT,REPLACEMENT (81647)	

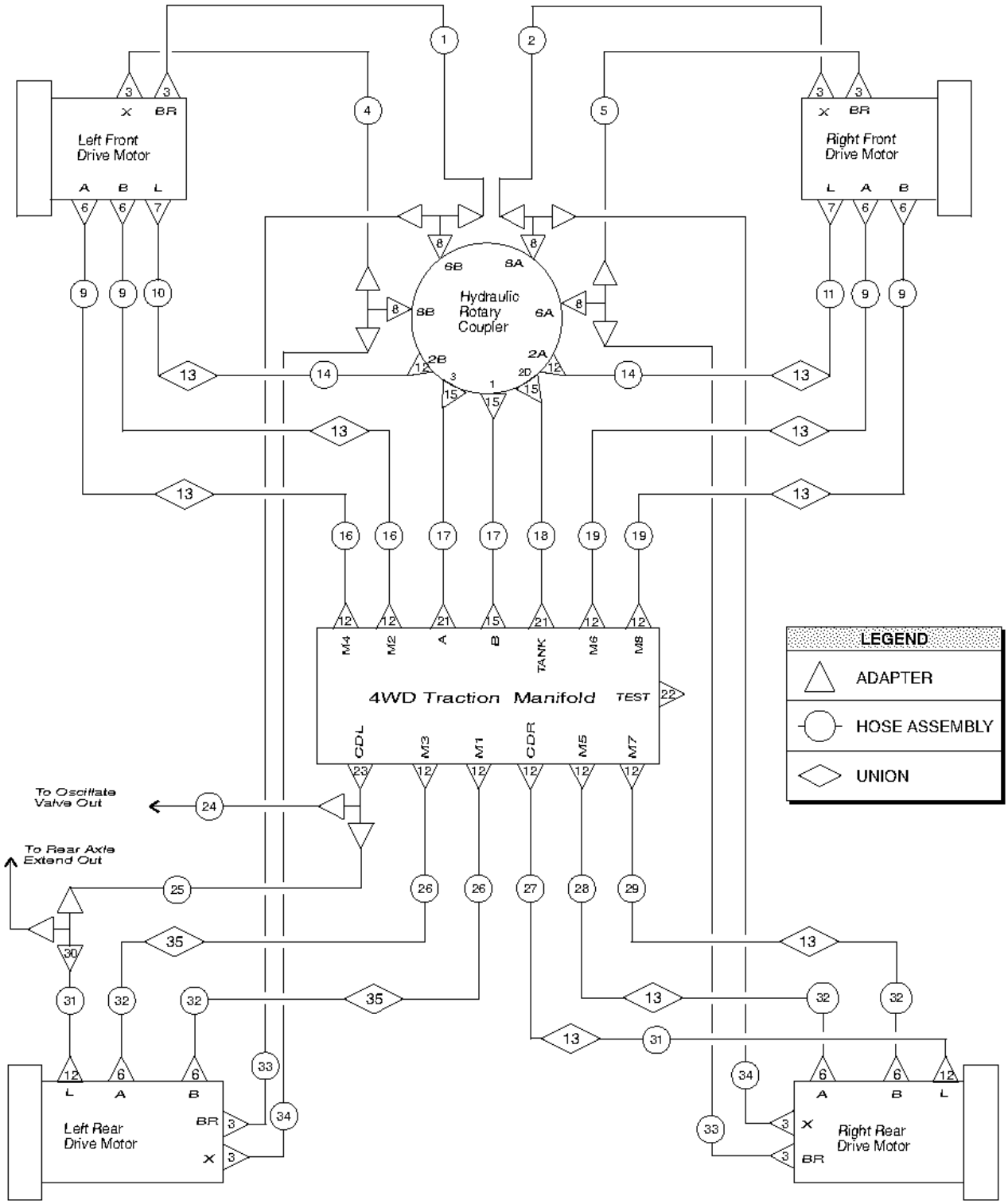

Left Steer Cylinder
Right Steer Cylinder
Front Axle Extension Cylinder
Tie Rod Cylinder
Oscillate Cylinder
Oscillate Cylinder
Osc Valve
To Traction Manifold Port CDL
Axle Select Manifold
FLB
FLR
FRB
FRR
FAR
FAE
TE
V1
TEST
RAE
RAR
PILOT
V2
Hydraulic Rotary Coupler
Rear Axle Extension Cylinder
To Left Rear Motor Port L
To Traction Manifold Port CDL
LEGEND
ADAPTER
HOSE ASSEMBLY
UNION

Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48912GT	CONN,520120-4-6***	6
2	49104-4309GT	HOSE ASSEMBLY-3/8" 100R2	2
3	48905GT	CONNECTOR, 520120-4	10
4	48915GT	ELBOW,90D,520220-6	4
5	48920GT	ELBOW,45D,520320-6	5
6	48875GT	TEE,RUN,SWIVEL,520432-6	3
7	49105-9382GT	HOSE ASSY,3/8"100R2,STR F,STRF	2
8	49105-9982GT	HOSE ASSY,3/8"100R2,STR F,STRF	1
9	49105-10782GT	HOSE ASSY,3/8"100R2,STR F,STRF	1
10	49119-12278GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
11	49117-11691GT	HOSE ASSY,1/4,90 FEM,STR FEMM	1
12	49119-11678GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
13	49119-9978GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
14	49119-10478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
15	49105-11682GT	HOSE ASSY,3/8"100R2,STR F,STRF	2
16	48916GT	CONN, 520120-6	10
17	48930GT	CONN,520120-6-8	1
18	49180-3316GT	HOSE ASSEMBLY,3/8"	1
19	48906GT	TEE,RUN,520428-4	1
20	48929GT	FITTING,ELBOW,90D,520220-6-8	1
21	48867GT	NIPPLE,DIAGNOSTIC	1
21-	48880GT	CAP,DIAGNOSTIC NIPPLE	
21-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
22	49130-5082GT	HOSE ASSY 3/8, STR FEM,STR FEM	1
23	49128-3509GT	ASSY, HOSE, HYD, 3/8, 3000, STR, 90	1
24	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	1


Left Steer Cylinder
Right Steer Cylinder
Front Axle Extension Cylinder
Tie Rod Cylinder
Oscillate Cylinder
Oscillate Cylinder
Osc Valve
To Traction Manifold Port CDL
Axle Select Manifold
FLB
FLR
FRB
FRR
FAR
FAE
TE
V1
TEST
RAE
RAR
PILOT
V2
Hydraulic Rotary Coupler
Rear Axle Extension Cylinder
To Left Rear Motor Port L
To Traction Manifold Port CDL
LEGEND
ADAPTER
HOSE ASSEMBLY
UNION

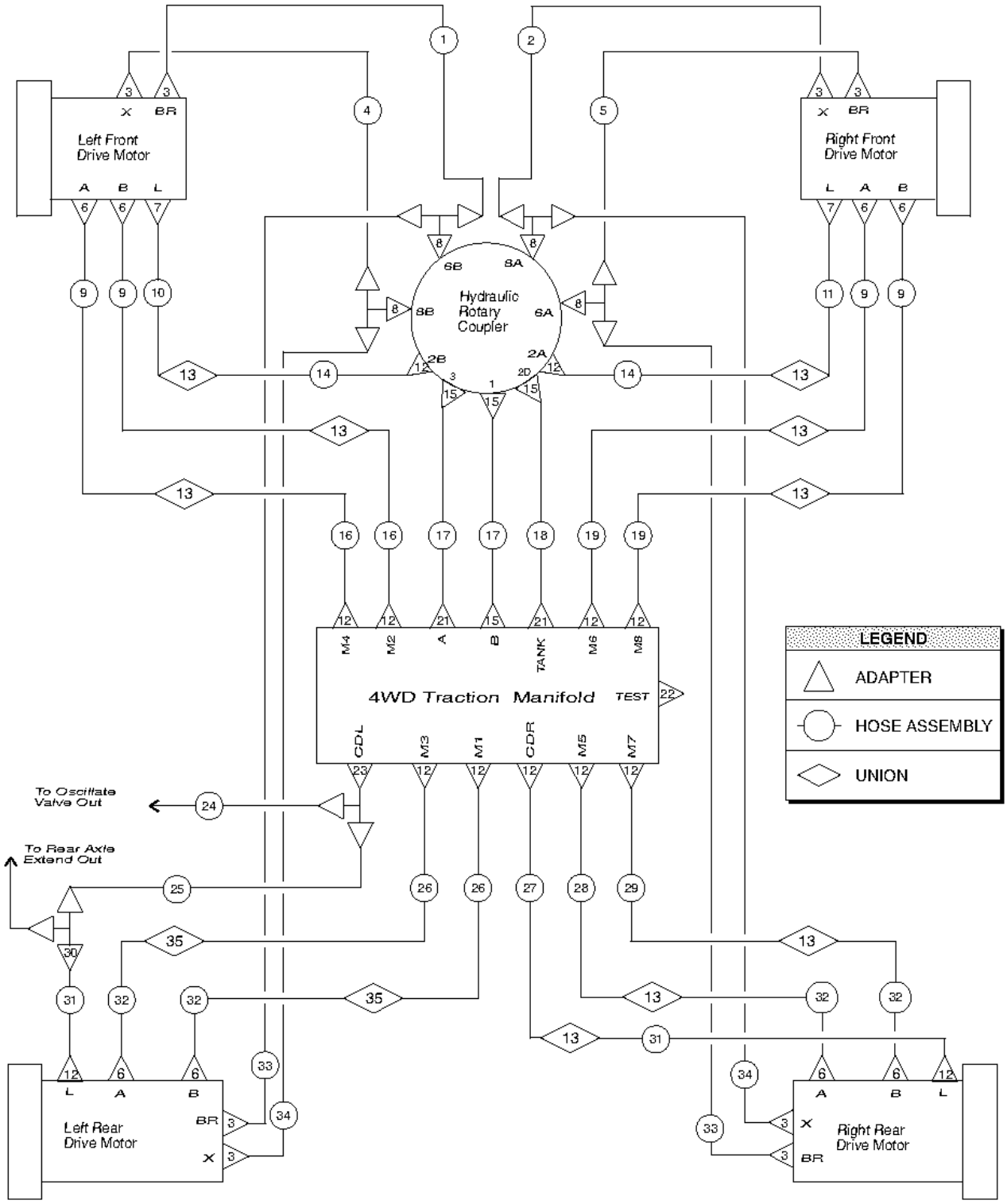
Item	*Part No.*	*Description*	*Qty.*
24-	48880GT	CAP,DIAGNOSTIC NIPPLE	
24-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
25	49128-3109-SGT	HOSE ASSEMBLY,3/8	1
26	49119-5178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
27	49117-3391GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
28	48907GT	ELBOW,45D,520320-4	3
29	49119-9578GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
30	49164-4043GT	HOSE ASSEMBLY,1/4	1
31	48940GT	TEE,BULKHEAD,RUN,520958-8	1
32	49119-5478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1

709.1 Hydraulic Hoses and Fittings - Drive System (to SN 3834)



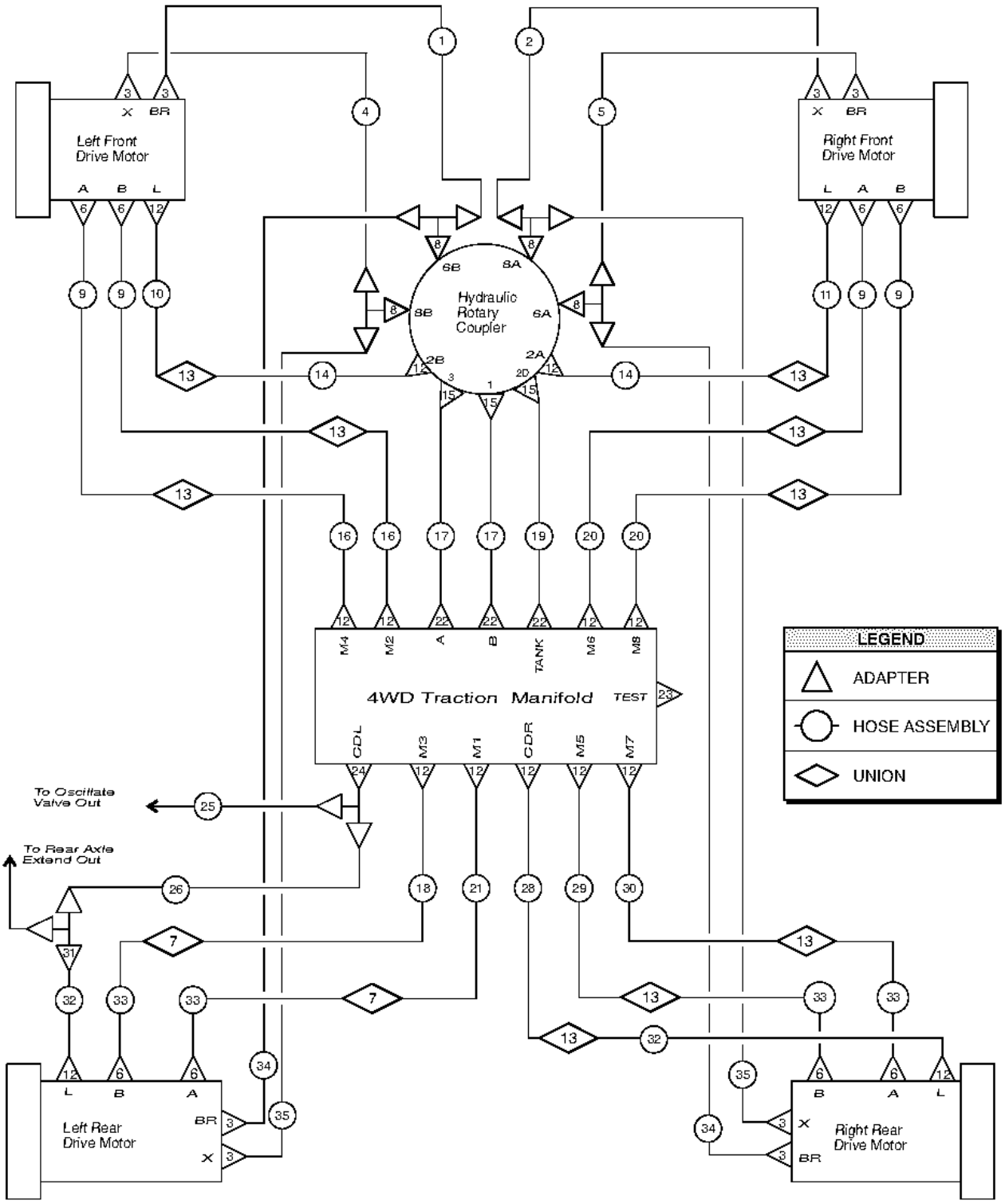
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	49117-13591GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
2	49117-13291GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
3	48905GT	CONNECTOR, 520120-4	8
4	49117-12691GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
5	49116-12737GT	HOSE ASSY,1/4,45 FEM,STR FEM**	1
6	48948GT	CONN,520120-8-12	8
7	48930GT	CONN,520120-6-8	2
8	48890GT	FITTING,TEE,BRANCH,520429-4***	4
9	81812-6192GT	HOSE ASSY,1/2,STR FEM,STR FEM	4
10	49180-6716GT	HOSE ASSEMBLY,3/8"	1
11	49180-6916GT	HOSE ASSEMBLY,3/8"	1
12	48933GT	CONN,520120-8***	13
13	48894GT	CONN,BULKHEAD,520601-8	9
14	49143-5229GT	HOSE ASSY,1/2,90 FEM,STR FEM	2
15	48963GT	FITTING,ELBOW,45D,520320-12***	4
16	49109-9429GT	HOSE ASSY,1/2,90 FEM,STR FEM	2
17	94374-2630GT	HOSE ASSY,3/4,90 FEM,STR FEM**	2
18	49151-2273GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
19	49109-8029GT	HOSE ASSY,1/2,90 FEM,STR FEM	2
20	61610GT	CONN,LONG,520122-12***	1
21	48960GT	FITTING,CONN,520120-12***	1
22	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	1
22-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
22-	48880GT	CAP,DIAGNOSTIC NIPPLE	
23	48935GT	TEE,RUN, 520428-8	1
24	49180-3316GT	HOSE ASSEMBLY,3/8"	1

709.1 Hydraulic Hoses and Fittings - Drive System (to SN 3834)



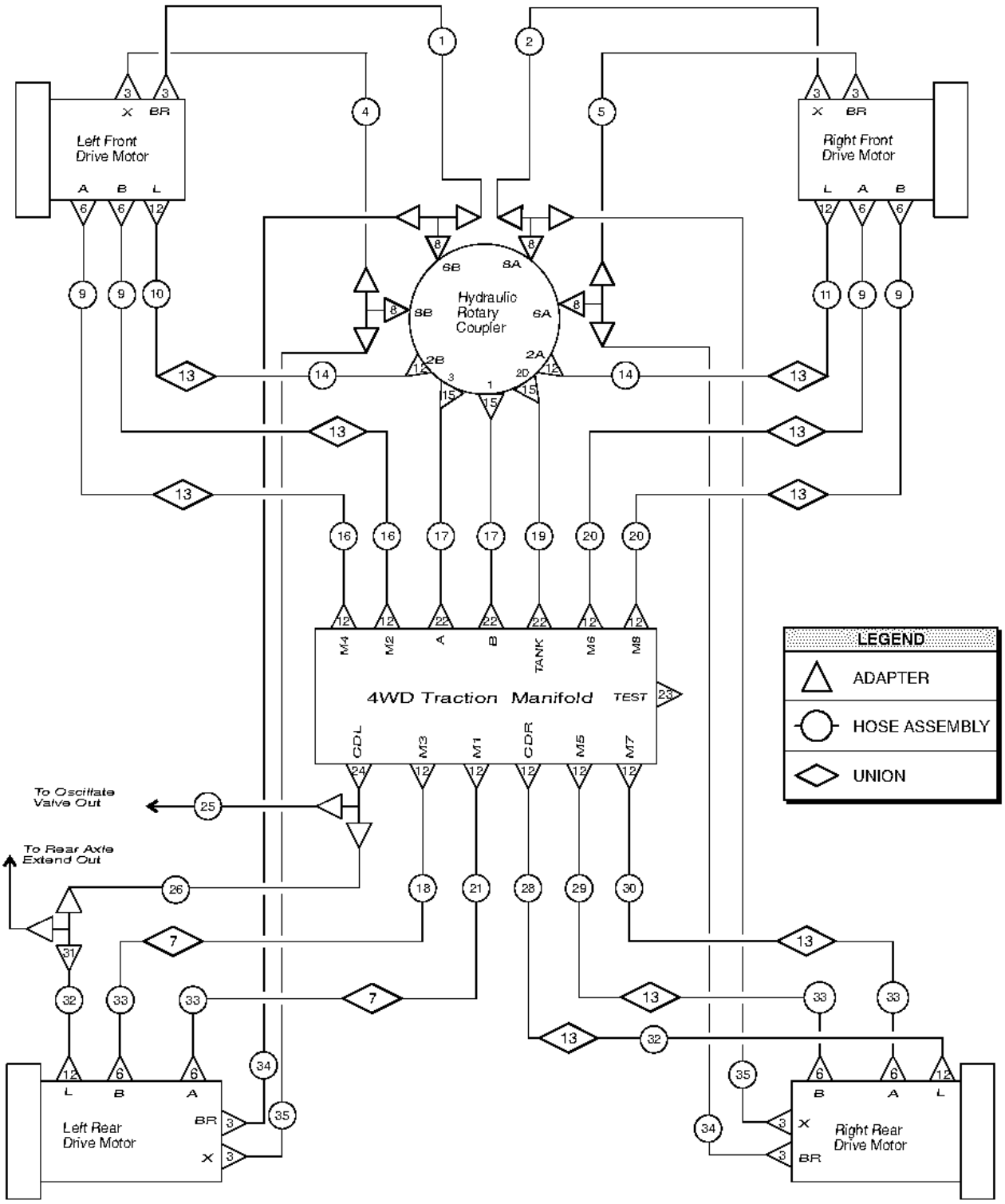
Item	Part No.	Description	Qty.
25	49143-4829GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
26	49110-3392GT	HOSE ASSEMBLY-1/2" 100R2	2
27	49143-1929GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
28	49109-2429GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
29	49109-2279GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
30	48940GT	TEE,BULKHEAD,RUN,520958-8	1
31	49143-4629GT	HOSE ASSY,1/2,90 FEM,STR FEMM	2
32	75278-4329GT	HOSE ASSY,1/2,90 FEM,STR FEM	4
33	49117-10691GT	HOSE ASSY 1/4,90 FEM STR FEM	2
34	49119-10678GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
35	61346GT	CONN,BULKHEAD,520801,-8	2

709.2 Hydraulic Hoses and Fittings - Drive System (from SN 3835)

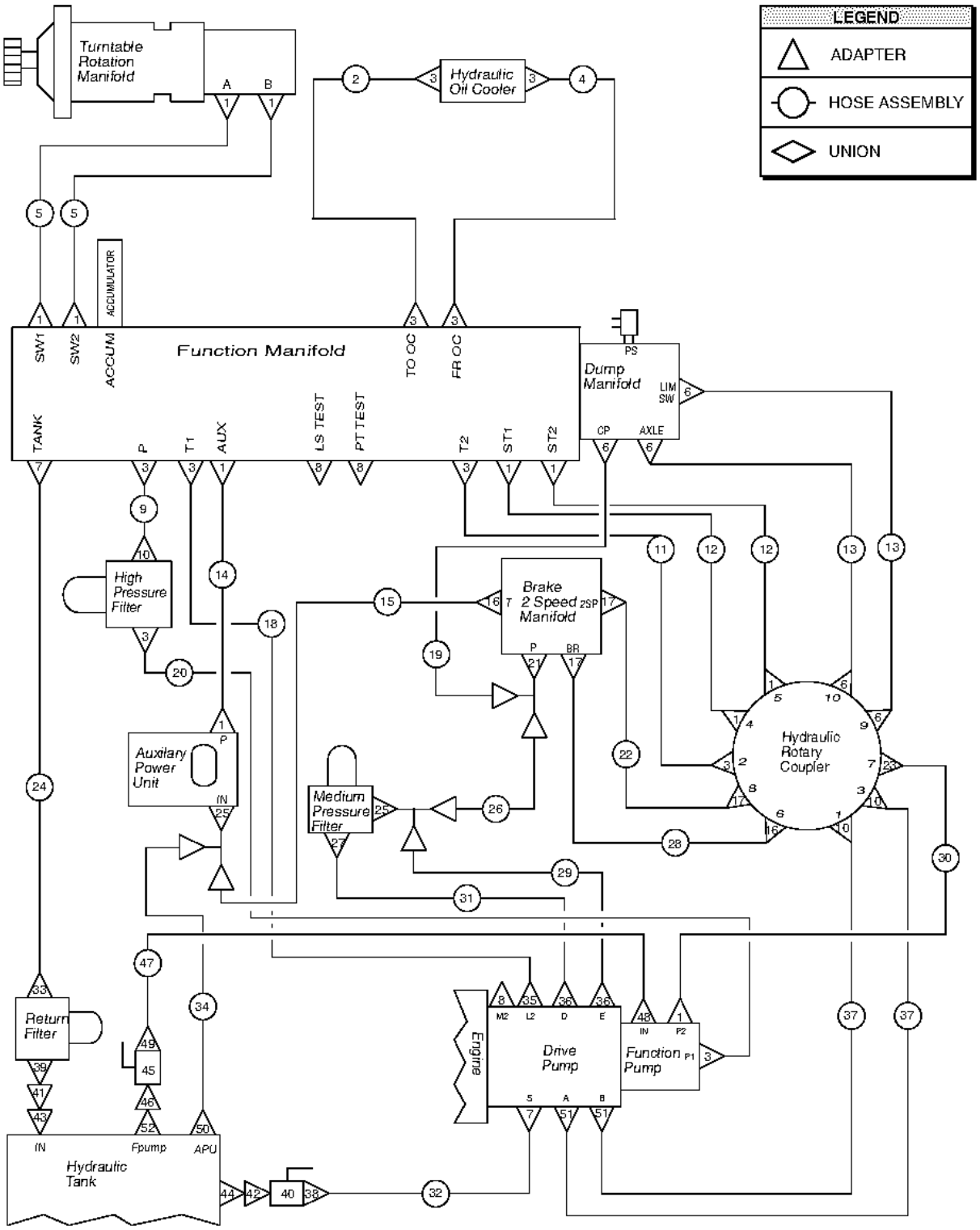


Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	49117-13591GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
2	49117-13291GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
3	48904GT	ELBOW, 90D, 520220-4	8
4	49117-12691GT	HOSE ASSY,1/4,90 FEM,STR FEM** to SN 4211	1
4-	49117-12391GT	HOSE ASSY,1/4,90 FEM,STR FEM from SN 4212 to SN 4435	1
4-	49117-12691GT	HOSE ASSY,1/4,90 FEM,STR FEM** from SN 4436 to SN 4617	1
4-	49117-12391GT	HOSE ASSY,1/4,90 FEM,STR FEM from SN 4618	1
5	49116-12737GT	HOSE ASSY,1/4,45 FEM,STR FEM** to SN 4211	1
5-	49117-12691GT	HOSE ASSY,1/4,90 FEM,STR FEM** from SN 4212 to SN 4435	1
5-	49116-12737GT	HOSE ASSY,1/4,45 FEM,STR FEM** from SN 4436 to SN 4617	1
5-	49117-12691GT	HOSE ASSY,1/4,90 FEM,STR FEM** from SN 4618	1
6	48948GT	CONN,520120-8-12	8
7	61346GT	CONN,BULKHEAD,520801,-8	2
8	48890GT	FITTING,TEE,BRANCH,520429-4***	4
9	81812-6192GT	HOSE ASSY,1/2,STR FEM,STR FEM	4
10	49180-6716GT	HOSE ASSEMBLY,3/8" to SN 4211	1
10-	49141-6463GT	HOSE ASSY,1/2,45 FEM,STR FEM from SN 4212 to SN 4435	1
10-	49180-6716GT	HOSE ASSEMBLY,3/8" from SN 4436 to SN 4617	1
10-	49141-6463GT	HOSE ASSY,1/2,45 FEM,STR FEM from SN 4618	1
11	49180-6916GT	HOSE ASSEMBLY,3/8" to SN 4211	1
11-	49141-6463GT	HOSE ASSY,1/2,45 FEM,STR FEM from SN 4212 to SN 4435	1
11-	49180-6916GT	HOSE ASSEMBLY,3/8" from SN 4436 to SN 4617	1
11-	49141-6463GT	HOSE ASSY,1/2,45 FEM,STR FEM from SN 4618	1
12	48933GT	CONN,520120-8***	13
13	48894GT	CONN,BULKHEAD,520601-8	9
14	49143-5229GT	HOSE ASSY,1/2,90 FEM,STR FEM	2

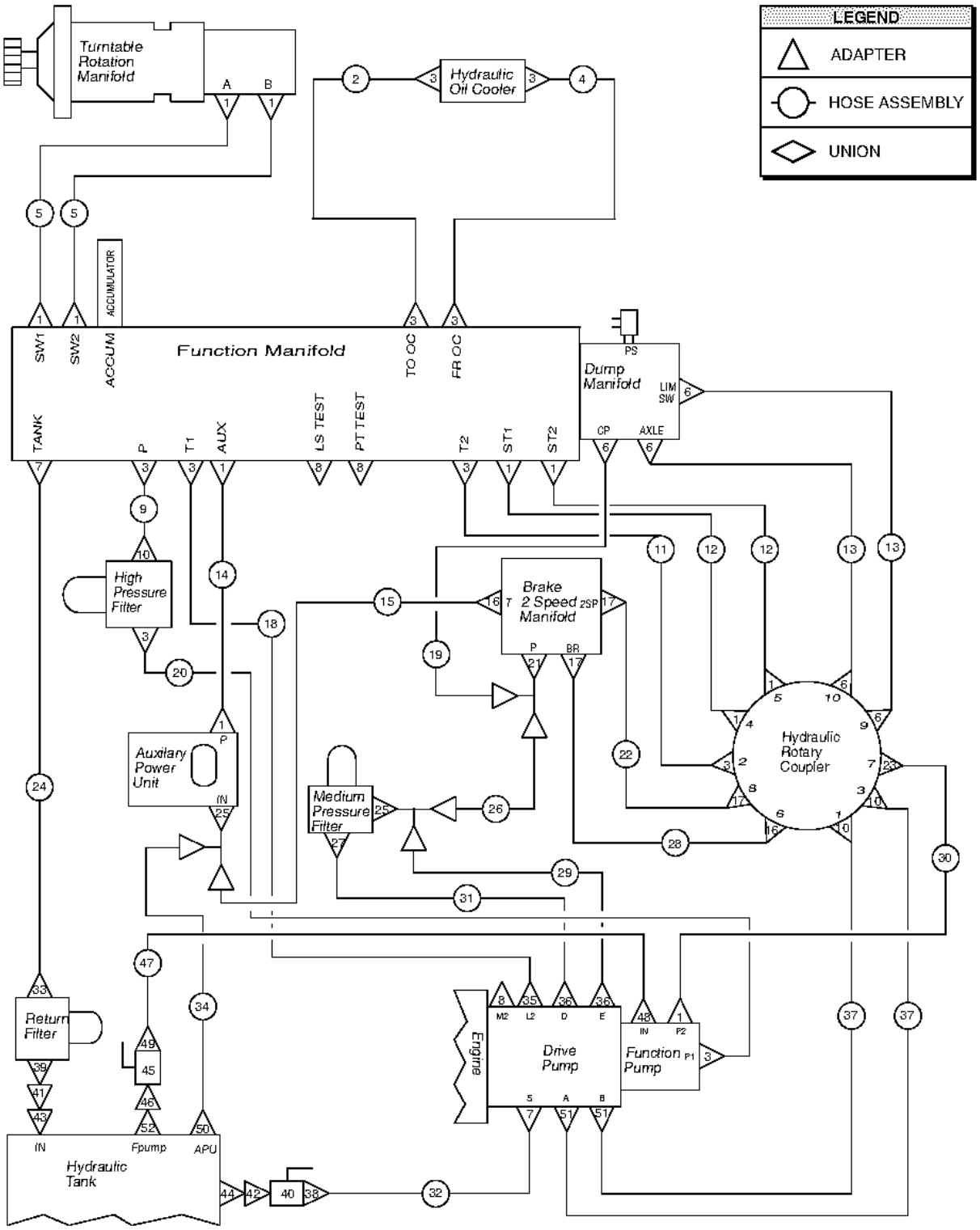
709.2 Hydraulic Hoses and Fittings - Drive System (from SN 3835)



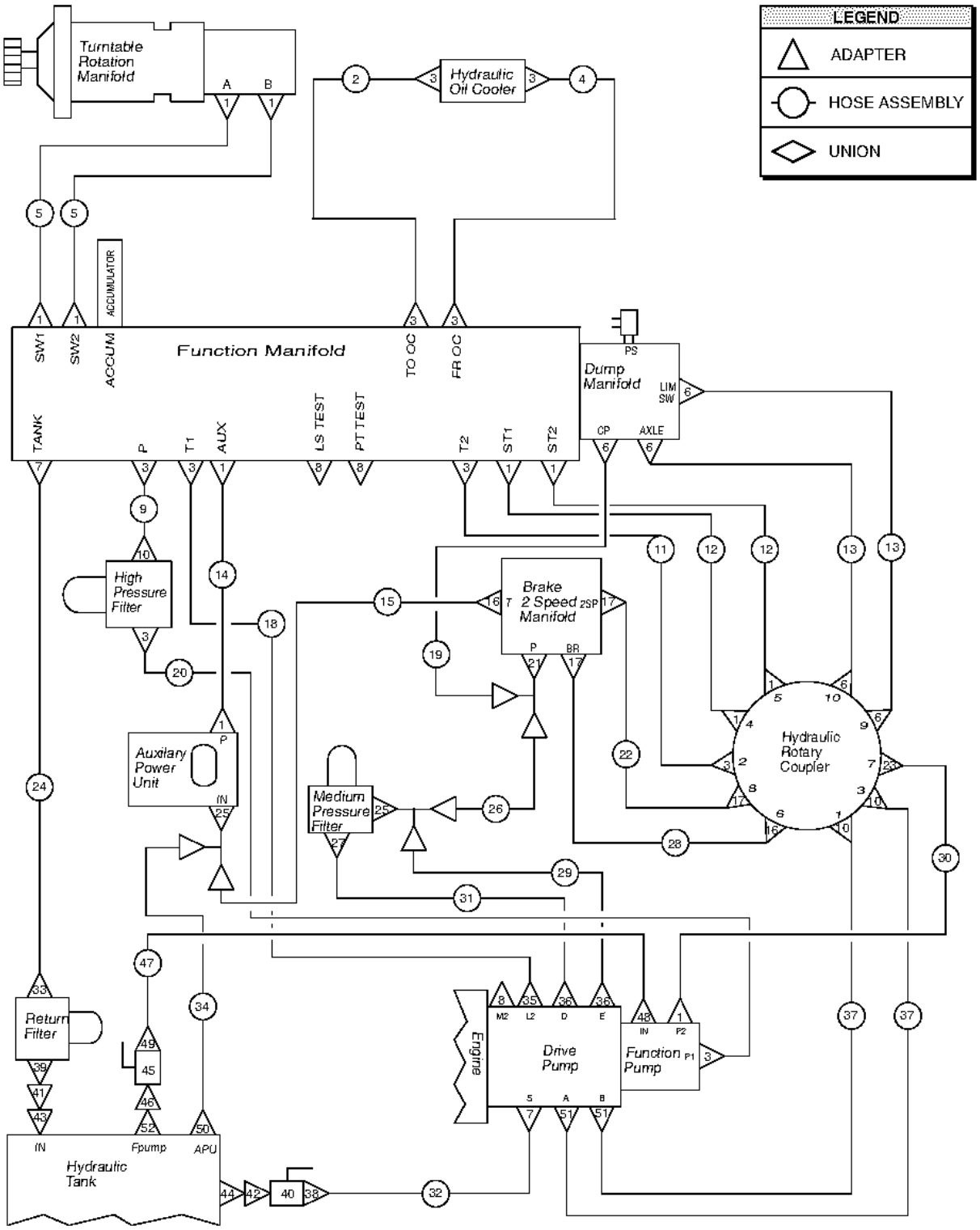
Item	Part No.	Description	Qty.
15	48963GT	FITTING,ELBOW,45D,520320-12***	3
16	49109-9429GT	HOSE ASSY,1/2,90 FEM,STR FEM	2
17	94374-2630GT	HOSE ASSY,3/4,90 FEM,STR FEM**	1
18	49109-4129GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
19	94466-2636GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
20	75278-8429GT	HOSE ASSY,1/2,90 FEM,STR FEM	2
21	49109-3429GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
22	48960GT	FITTING,CONN,520120-12***	3
23	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	1
23-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
23-	48880GT	CAP,DIAGNOSTIC NIPPLE	
24	48935GT	TEE,RUN, 520428-8	1
25	49180-3316GT	HOSE ASSEMBLY,3/8"	1
26	49143-4829GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
27	49110-3392GT	HOSE ASSEMBLY-1/2" 100R2	2
28	49143-1929GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
29	75278-2579GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
30	75278-2429GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
31	48940GT	TEE,BULKHEAD,RUN,520958-8	1
32	49143-4629GT	HOSE ASSY,1/2,90 FEM,STR FEMM	2
33	75278-4329GT	HOSE ASSY,1/2,90 FEM,STR FEM	4
34	49117-10691GT	HOSE ASSY 1/4,90 FEM STR FEM	2
35	49119-10678GT	HOSE ASSY,1/4,STR FEM,STR FEM	2


LEGEND
ADAPTER
HOSE ASSEMBLY
UNION
Turntable Rotation Manifold
A
B
Hydraulic Oil Cooler
ACCUMULATOR
Function Manifold
SW1
SW2
ACCUM
TO OC
FR OC
TANK
P
T1
AUX
LS TEST
PT TEST
T2
ST1
ST2
PS
Dump Manifold
LIM SW
CP
AXLE
High Pressure Filter
Brake 2 Speed Manifold
2SP
T
P
BR
Auxiliary Power Unit
IN
Medium Pressure Filter
Hydraulic Rotary Coupler
Return Filter
Engine
Drive Pump
Function Pump
P1
P2
M2
L2
D
E
S
A
B
Hydraulic Tank
Fpump
APU

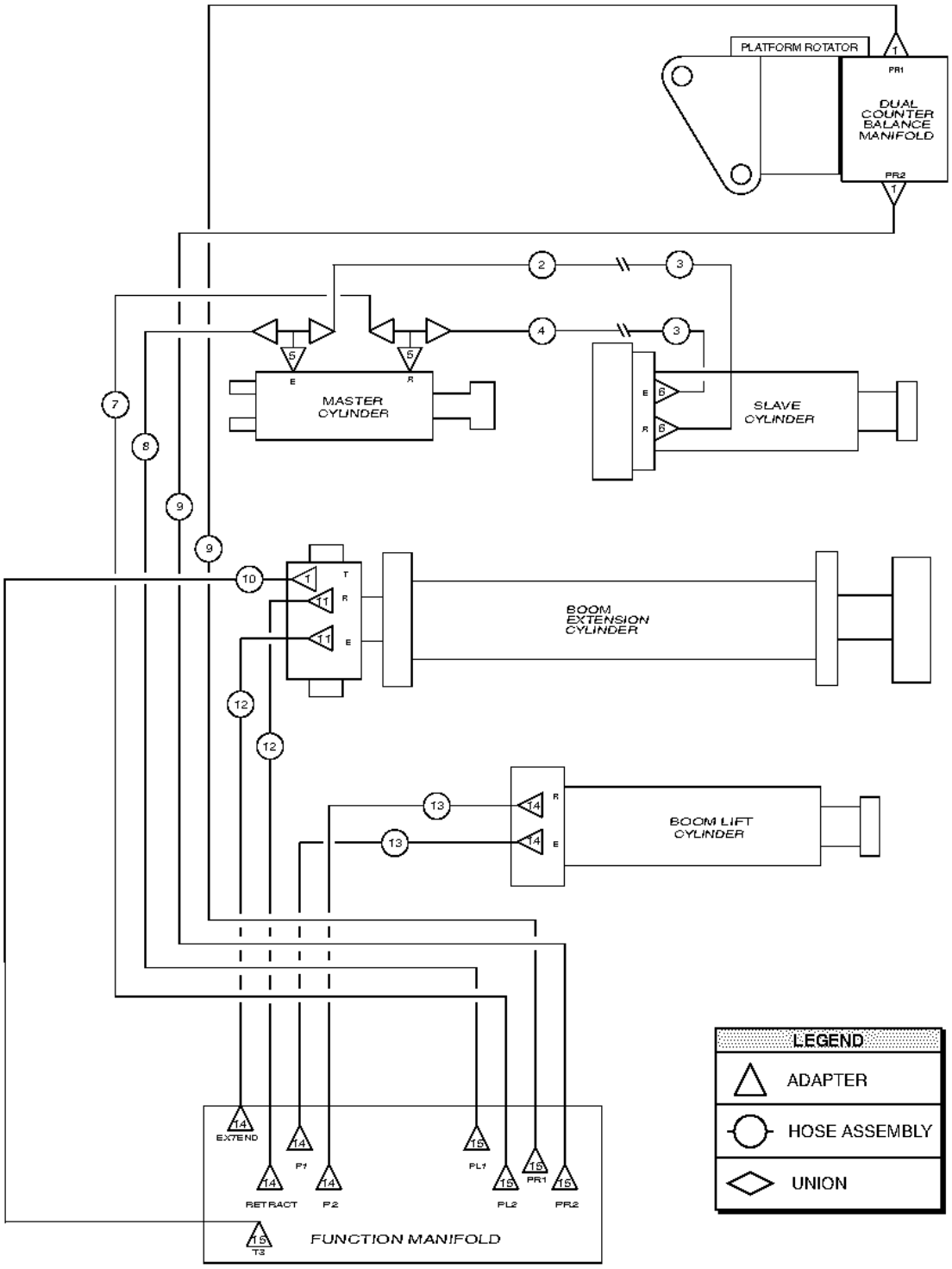
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48916GT	CONN, 520120-6	11
2	49149-8526GT	HOSE ASSY,3/4,45 FEM,STR FEM	1
3	48960GT	FITTING,CONN,520120-12***	10
4	49150-7630GT	ASSY, HOSE, HYD, -12, 1750, STR, 90	1
5	49128-2409GT	HOSE ASSEMBLY,3/8"	2
6	48907GT	ELBOW,45D,520320-4	5
7	48984GT	CONN, 520120-16	2
8	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	3
8-	48880GT	CAP,DIAGNOSTIC NIPPLE	
8-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
9	61074-7648GT	HOSE ASSEMBLY 3/4" STR-STR	1
10	48963GT	FITTING,ELBOW,45D,520320-12***	3
11	49150-5230GT	HOSE ASSY,3/4,90 FEM,STR FEM**	1
12	49128-3709GT	HOSE ASSEMBLY,3/8"	2
13	49119-3278GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
14	49128-3009GT	HOSE ASSY,3/8,90,FEM,STR,FEM	1
15	49164-5443GT	HOSE ASSEMBLY,1/4	1
16	48904GT	ELBOW, 90D, 520220-4	2
17	48905GT	CONNECTOR, 520120-4	3
18	49150-9030GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
19	49119-6178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
20	61073-3730GT	HOSE ASSY,3/4" 90 FEM STR FEM	1
21	48906GT	TEE,RUN,520428-4	1
22	49119-4178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
23	48915GT	ELBOW,90D,520220-6	1
24	49170-2254GT	HOSE ASSEMBLY 1" 100R4 to SN 3457	1


LEGEND
ADAPTER
HOSE ASSEMBLY
UNION
Turntable Rotation Manifold
Hydraulic Oil Cooler
ACCUMULATOR
Function Manifold
SW1
SW2
ACCUM
TO OC
FR OC
TANK
P
T1
AUX
LS TEST
PT TEST
T2
ST1
ST2
Dump Manifold
PS
LIM SW
CP
AXLE
High Pressure Filter
Brake 2 Speed Manifold
2SP
BR
Hydraulic Rotary Coupler
Auxiliary Power Unit
IN
Medium Pressure Filter
Return Filter
Hydraulic Tank
Fpump
APU
Engine
Drive Pump
Function Pump
M2
L2
D
E
P1
P2
S
A
B

Item	Part No.	Description	Qty.
24-	88949-2228GT	HOSE ASSY 1",STR FEM,STR FEM from SN 3458	
25	48935GT	TEE,RUN, 520428-8	2
26	49164-1218GT	HOSE ASSEMBLY,1/4	1
27	48932GT	FITTING,ELBOW,90D,520220-8***	1
28	49119-3878GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
29	49143-2929GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
30	49128-7109GT	HOSE ASSEMBLY,3/8"	1
31	49143-3329GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
32	49159-5118GT	HOSE ASSEMBLY, 1" to SN 3457	1
32-	88942-5554GT	HOSE ASSY,1",90 FEM,STR FEM from SN 3458 to SN 3907	
32-	88942-5054GT	HOSE ASSY,1",90 FEM STR FEM from SN 3908	
33	73769GT	CONN,520120-16-20	1
34	49180-2116GT	HOSE ASSEMBLY,3/8"	1
35	48959GT	FITTING,ELBOW,90D,520220-12	1
36	48946GT	CONN,520120-8-10	2
37	94374-3930GT	HOSE ASSY,3/4,90 FEM,STR FEM	2
38	48986GT	CONN,520102-16 to SN 3907	1
38-	48985GT	ELBOW,45D,520320-16 from SN 3908	
39	73768GT	CONN,090136-20-16	1
40	48994GT	VALVE,BALL,16 MPT-16 FPT*** to SN 3457	1
40-	48996GT	VALVE,BALL,16 MSAE-16 FSAE*** from SN 3908	
41	49729GT	ADAPTER,SAE-16,1 FPT	1
42	48988GT	ELBOW,45D,140339-16 to SN 3457	2
43	73767GT	ELBOW,140239-16-16	1
44	45161GT	STRAINER ASSEMBLY,1.5" NPT to SN 3907	1
44-	147419GT	KIT,STRAINER REPLACEMENT from SN 3908	
45	48994GT	VALVE,BALL,16 MPT-16 FPT*** to SN 3457	1
45-	101494GT	VALVE,BALL,FSAE-20,FSAE-20 from SN 3908	

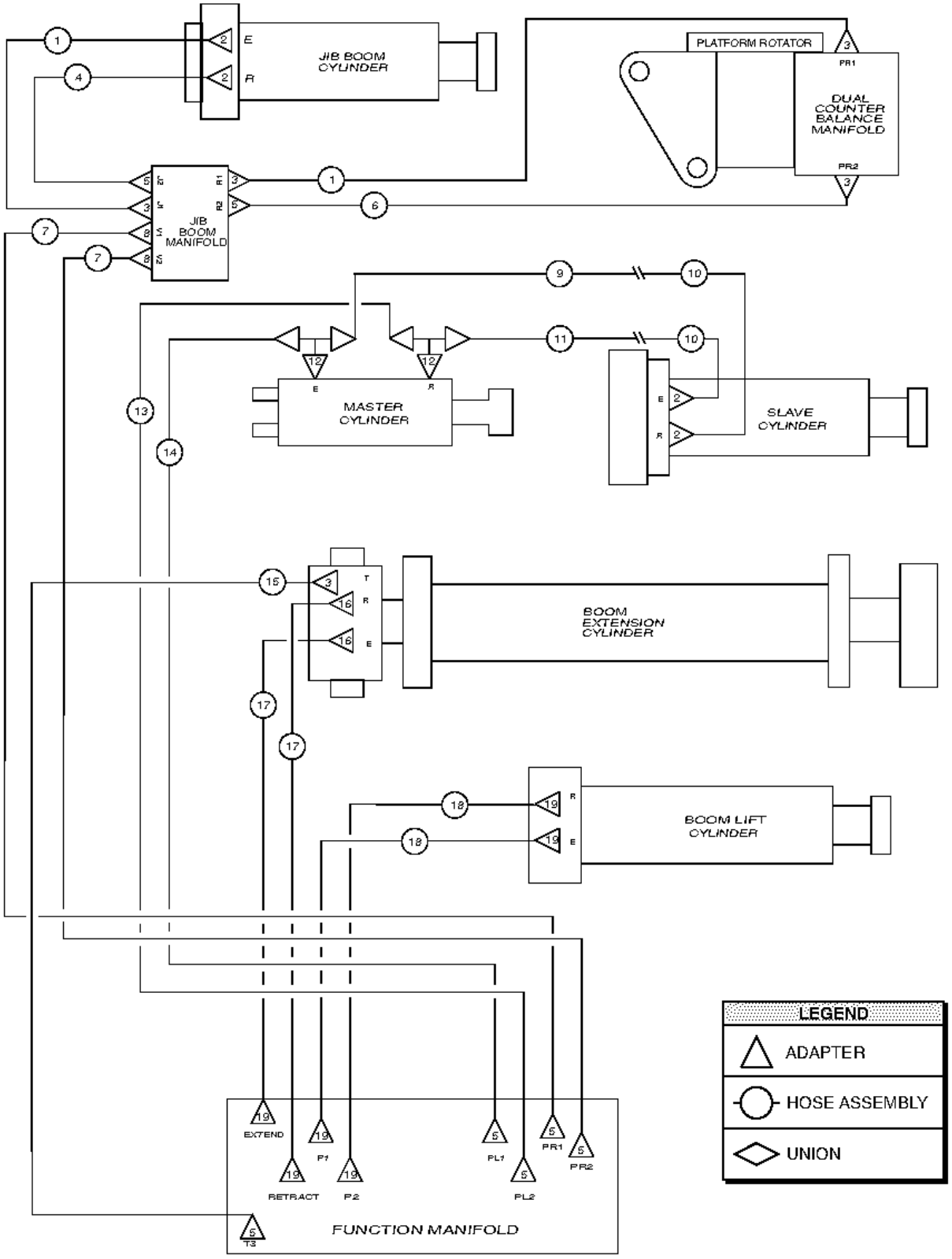

LEGEND
ADAPTER
HOSE ASSEMBLY
UNION
Turntable Rotation Manifold
A
B
Hydraulic Oil Cooler
ACCUMULATOR
Function Manifold
SW1
SW2
ACCUM
TO OC
FR OC
TANK
P
T1
AUX
LS TEST
PT TEST
T2
ST1
ST2
PS
Dump Manifold
LIM SW
CP
AXLE
High Pressure Filter
Brake 2 Speed Manifold
2SP
T
P
BR
Auxiliary Power Unit
IN
Medium Pressure Filter
Hydraulic Rotary Coupler
Return Filter
Engine
Drive Pump
Function Pump
P1
P2
M2
L2
D
E
S
A
B
Hydraulic Tank
Fpump
APU

Item	Part No.	Description	Qty.
46	48988GT	ELBOW,45D,140339-16 to SN 3907	1
46-	61263GT	UNION,STR.THREAD 20 from SN 3908	
47	49159-4618GT	HOSE ASSEMBLY, 1" to SN 3457	1
47-	88943-6086GT	HOSE ASSY,1.25",90 FEM,STR FEM from SN 3458 to SN 3907	
47-	88943-5586GT	HOSE ASSY,1.25",90 FEM,STR FEM from SN 3908	
48	48984GT	CONN, 520120-16 to SN 3457	1
48-	88936GT	CONN,520120-20-16 from SN 3458	
49	48986GT	CONN,520102-16 to SN 3457	1
49-	88937GT	CONNECTOR,520102-20-16 from SN 3458 to SN 3907	
49-	75654GT	CONN,520120-20 from SN 3908	
50	48922GT	CONN,520102-6-6	1
51	48978GT	ELBOW,45D,520320-12-16	2
52	45161GT	STRAINER ASSEMBLY,1.5" NPT to SN 3907	1
52-	101491GT	STRAINER,20 SAE F/24 SAE M*** from SN 3908	


PLATFORM ROTATOR
PR1
DUAL COUNTER BALANCE MANIFOLD
PR2
MASTER CYLINDER
SLAVE CYLINDER
BOOM EXTENSION CYLINDER
BOOM LIFT CYLINDER
EXTEND
RETRACT
P1
P2
PL1
PL2
PR1
PR2
T3
FUNCTION MANIFOLD
LEGEND
ADAPTER
HOSE ASSEMBLY
UNION

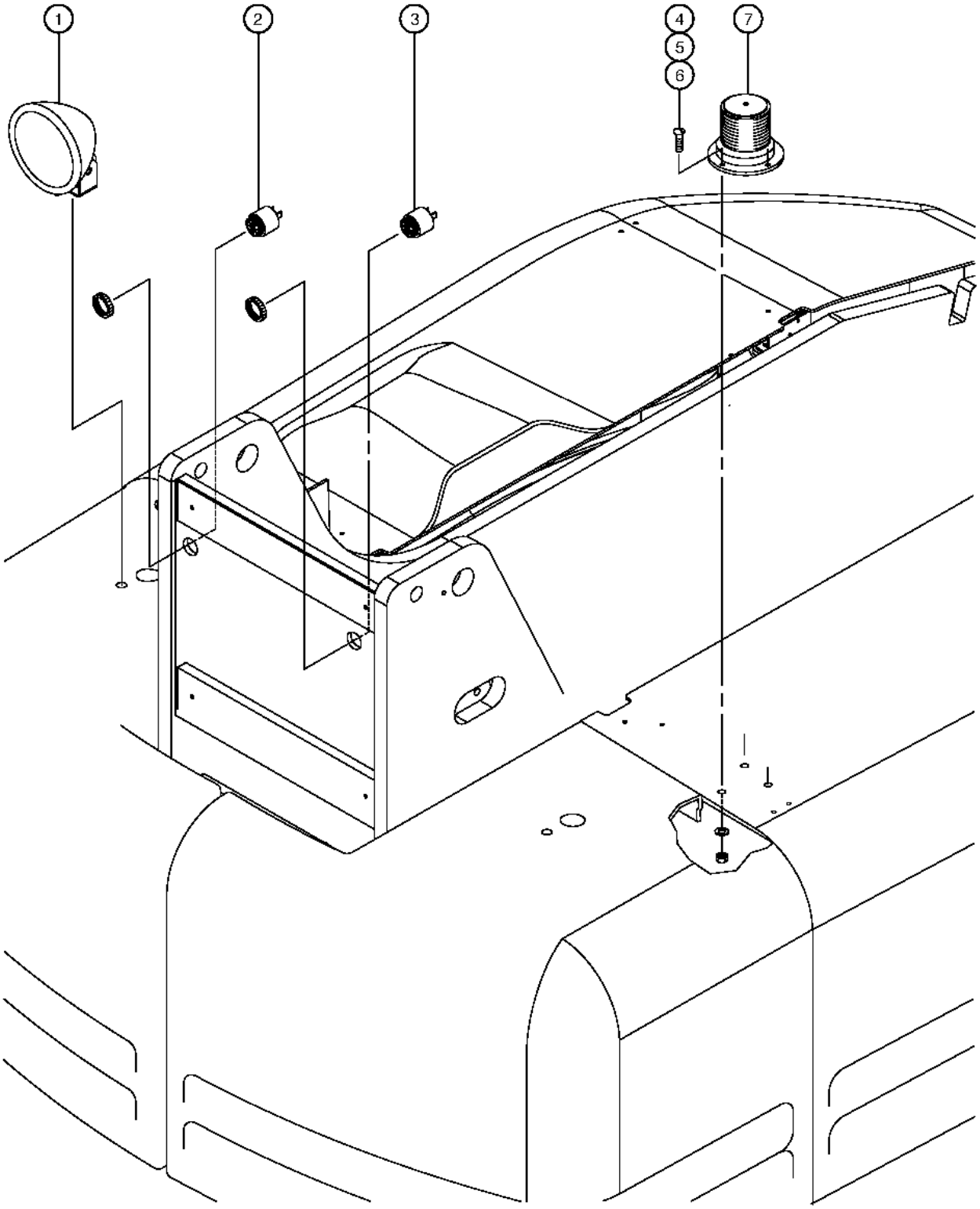
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48907GT	ELBOW,45D,520320-4	3
2	49118-100608GT	HOSE ASSEMBLY,1/4"	1
3	49184-2451GT	HOSE ASSEMBLY,1/4"	2
4	49118-100208GT	HOSE ASSEMBLY,1/4"	1
5	48919GT	TEE,BRANCH,520429-6	2
6	48912GT	CONN,520120-4-6***	2
7	49120-15481GT	HOSE ASSEMBLY, 1/4"	1
8	49120-14481GT	HOSE ASSEMBLY, 1/4"	1
9	49119-115800GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
10	49119-16878GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
11	48937GT	ELBOW,45D,520320-8	2
12	49183-16892GT	HOSE ASSY,1/2,STR FEM,STR FEM	2
13	49183-9392GT	HOSE ASSY,1/2,STR FEM,STR FEM	2
14	48933GT	CONN,520120-8***	6
15	48905GT	CONNECTOR, 520120-4	5

712.1 Hydraulic Hoses and Fittings - Boom, S-85



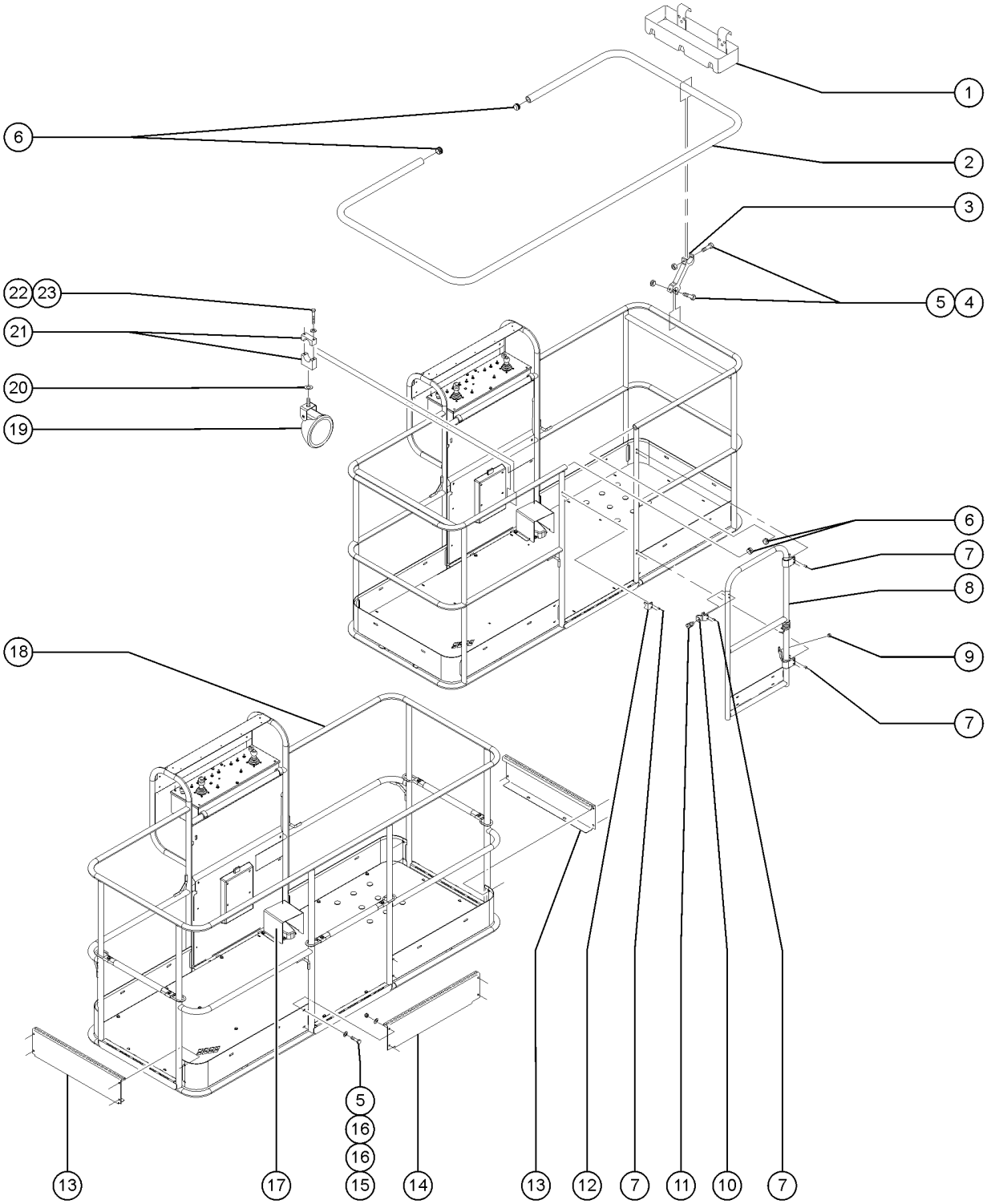
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	49119-8178GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
2	48912GT	CONN,520120-4-6***	4
3	48907GT	ELBOW,45D,520320-4	5
4	49116-8037GT	HOSE ASSY,1/4,45 FEM,STR FEM	1
5	48905GT	CONNECTOR, 520120-4	7
6	49116-8237GT	HOSE ASSY,1/4,45 FEM STR FEM	1
7	49119-124400GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
8	48904GT	ELBOW, 90D, 520220-4	2
9	49118-100608GT	HOSE ASSEMBLY,1/4"	1
10	49184-2451GT	HOSE ASSEMBLY,1/4"	2
11	49118-100208GT	HOSE ASSEMBLY,1/4"	1
12	48919GT	TEE,BRANCH,520429-6	2
13	49120-15481GT	HOSE ASSEMBLY, 1/4"	1
14	49120-14481GT	HOSE ASSEMBLY, 1/4"	1
15	49119-16878GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
16	48937GT	ELBOW,45D,520320-8	2
17	49183-16892GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
18	49183-9392GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
19	48933GT	CONN,520120-8***	6

801.1 Alarm and Beacon Package, Driving Lights



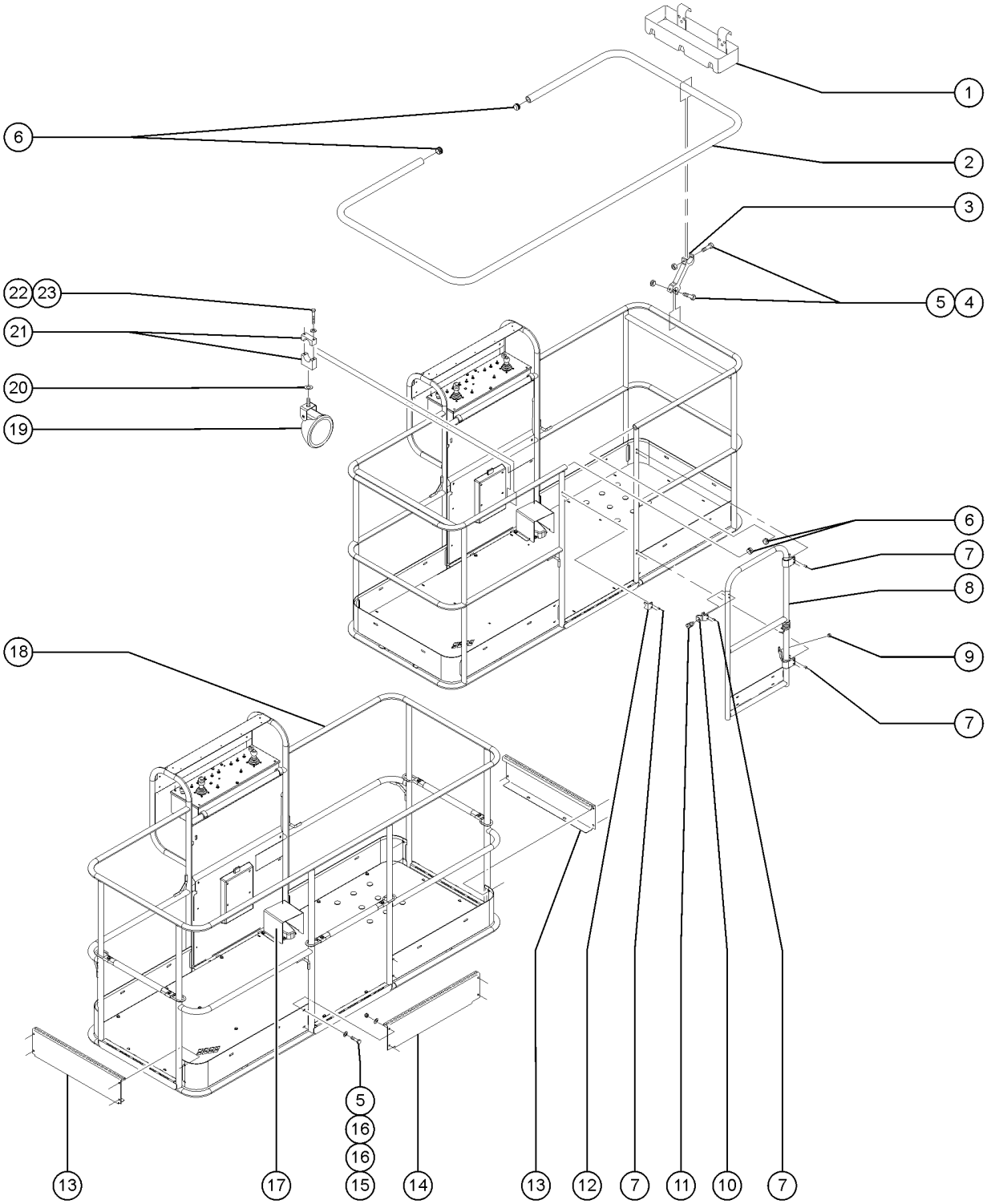
Item	Part No.	Description	Qty.
	111421GT	ALARM PKG, STICK BOOM includes items 2-7	
1	107858GT	WORKLIGHT,48 VOLT	2
1A	35960GT	BULB,WORKLIGHT,12V 35W	
1B	73817GT	HARNESS,DRIVE LIGHT OPT	
2	45462GT	ALARM,CHIME TONE 5-25VDC*** to SN 5611; does not include 72326 nut, order separately	
2-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
2-		Ref. Alarm - Chime Tone (descent) (refer to 309.1) from SN 5612	
3	18963GT	ALARM, INTERMITTENT TONE 6-30V* Does not include 72326 nut, order seperately	1
3-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
4	6147GT	SCREW,RHM,10-32 X 1	
5	6146GT	WASHER,FLAT,MS,#10,Y	
6	6178GT	NUT, NYLOCK, 10-32	
7	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** (replaced 20189)	2
7-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
7-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB from SN 5212	
7-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB from SN 5212	

802.1 Platform Options



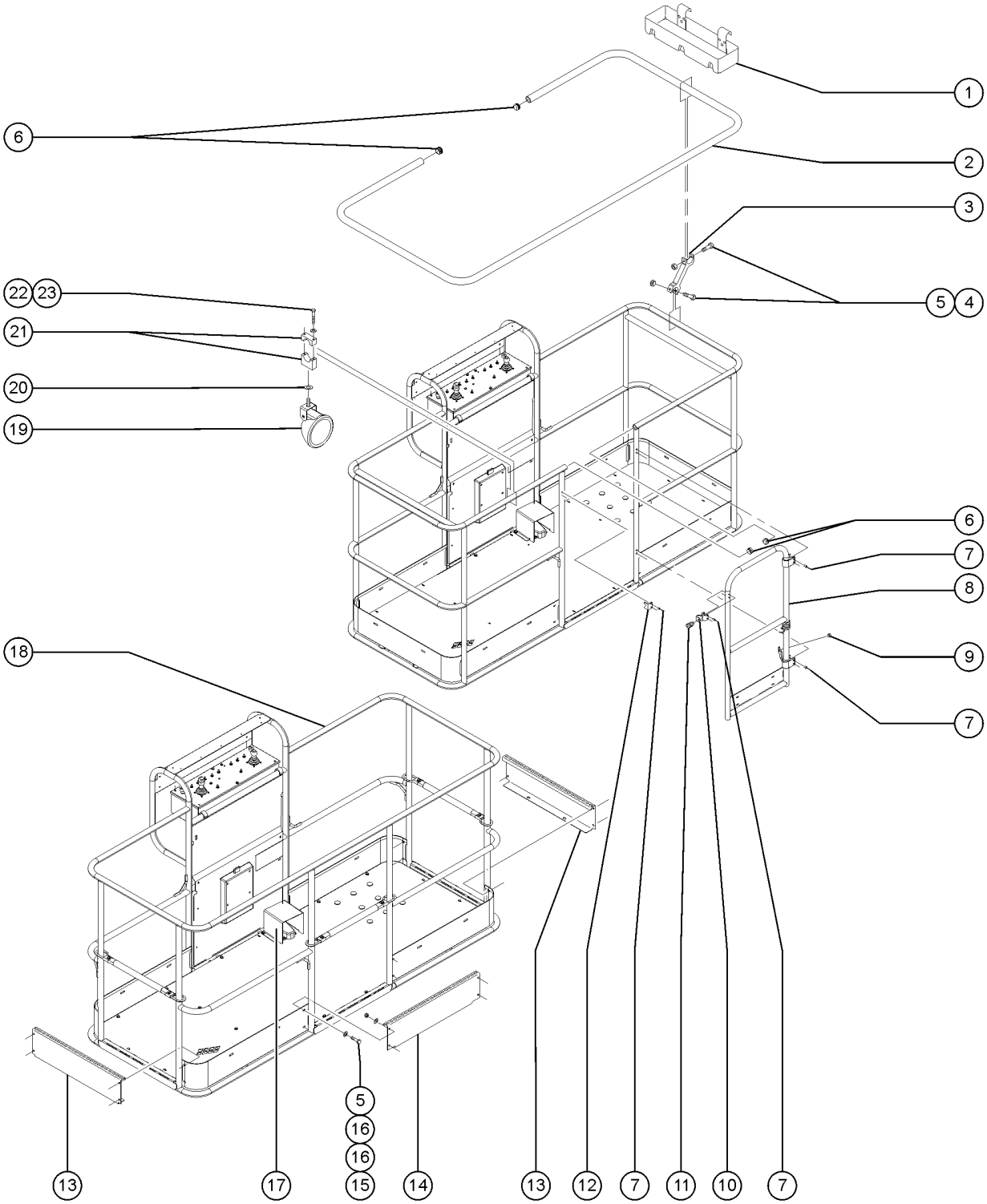
Item	Part No.	Description	Qty.
A-	53808-SGT	AUX TOP RAIL,6'(1.25")SERVICE	
B-	53807-SGT	AUX TOP RAIL,8'(1.25")SERVICE	
C-	75527GT	HARNESS,WORKLIGHT OPT	
D-	102721PGT	TOEBOARD,8'TRI ENTRY includes items 5, 13-16	
E-	102433GT	6' TRI-ENT ASSY W/DECALS ANSI USA and Canada; The following is a list of complete Tri-Entry platforms by region, and then by size.; to SN 4666	
F-	102433GT	6' TRI-ENT ASSY W/DECALS ANSI USA and Canada; The following is a list of complete Tri-Entry platforms by region, and then by size.; from SN 4685 to SN 4702	
G-	102437GT	8' TRI-ENT ASSY W/DECALS ANSI USA and Canada; The following is a list of complete Tri-Entry platforms by region, and then by size.; to SN 4666	
H-	102437GT	8' TRI-ENT ASSY W/DECALS ANSI USA and Canada; The following is a list of complete Tri-Entry platforms by region, and then by size.; from SN 4685 to SN 4702	
I-	111298GT	8' TRI-ENT ASSY W/DECALS ANSI The following is a list of complete Tri-Entry platforms by region, and then by size.; from SN 4667 to SN 4684	
J-	111298GT	8' TRI-ENT ASSY W/DECALS ANSI The following is a list of complete Tri-Entry platforms by region, and then by size.; from SN 4703	
K-	111299GT	8' TRI-ENT ASSY W/DECALS ANSI The following is a list of complete Tri-Entry platforms by region, and then by size.; from SN 4667 to SN 4684	
L-	111299GT	8' TRI-ENT ASSY W/DECALS ANSI The following is a list of complete Tri-Entry platforms by region, and then by size.; from SN 4703	
M-	102439GT	8' TRI-ENT ASSY W/DECALS CE Europe; The following is a list of complete Tri-Entry platforms by region, and then by size.	
N-	102434GT	6' TRI-ENT ASSY W/DECALS AUSTR Australia; The following is a list of complete Tri-Entry platforms by region, and then by size.; to SN 4666	
O-	102434GT	6' TRI-ENT ASSY W/DECALS AUSTR Australia; The following is a list of complete Tri-Entry platforms by region, and then by size.; from SN 4685 to SN 4702	
P-	102438GT	8' TRI-ENT ASSY W/DECALS AUSTR Australia; The following is a list of complete Tri-Entry platforms by region, and then by size.; to SN 4666	
Q-	102438GT	8' TRI-ENT ASSY W/DECALS AUSTR Australia; The following is a list of complete Tri-Entry platforms by region, and then by size.; from SN 4685 to SN 4702	
R-	111300GT	6' TRI-ENT ASSY W/DECALS AUSTR The following is a list of complete Tri-Entry platforms by region, and then by size.; from SN 4667 to SN 4684	
S-	111300GT	6' TRI-ENT ASSY W/DECALS AUSTR The following is a list of complete Tri-Entry platforms by region, and then by size.; from SN 4703	
T-	111301GT	8' TRI-ENT ASSY W/DECALS AUSTR The following is a list of complete Tri-Entry platforms by region, and then by size.; from SN 4667 to SN 4684	
U-	111301GT	8' TRI-ENT ASSY W/DECALS AUSTR The following is a list of complete Tri-Entry platforms by region, and then by size.; from SN 4703	
V-	102436GT	6' TRI-ENT ASSY W/DECALS A/SOA Asia and South America; The following is a list of complete Tri-Entry platforms by region, and then by size.	
W-	102440GT	8' TRI-ENT ASSY W/DECALS A/SOA Asia and South America; The following is a list of complete Tri-Entry platforms by region, and then by size.	
1	9599-SGT	TOOL TRAY ACCESSORY***	1

802.1 Platform Options



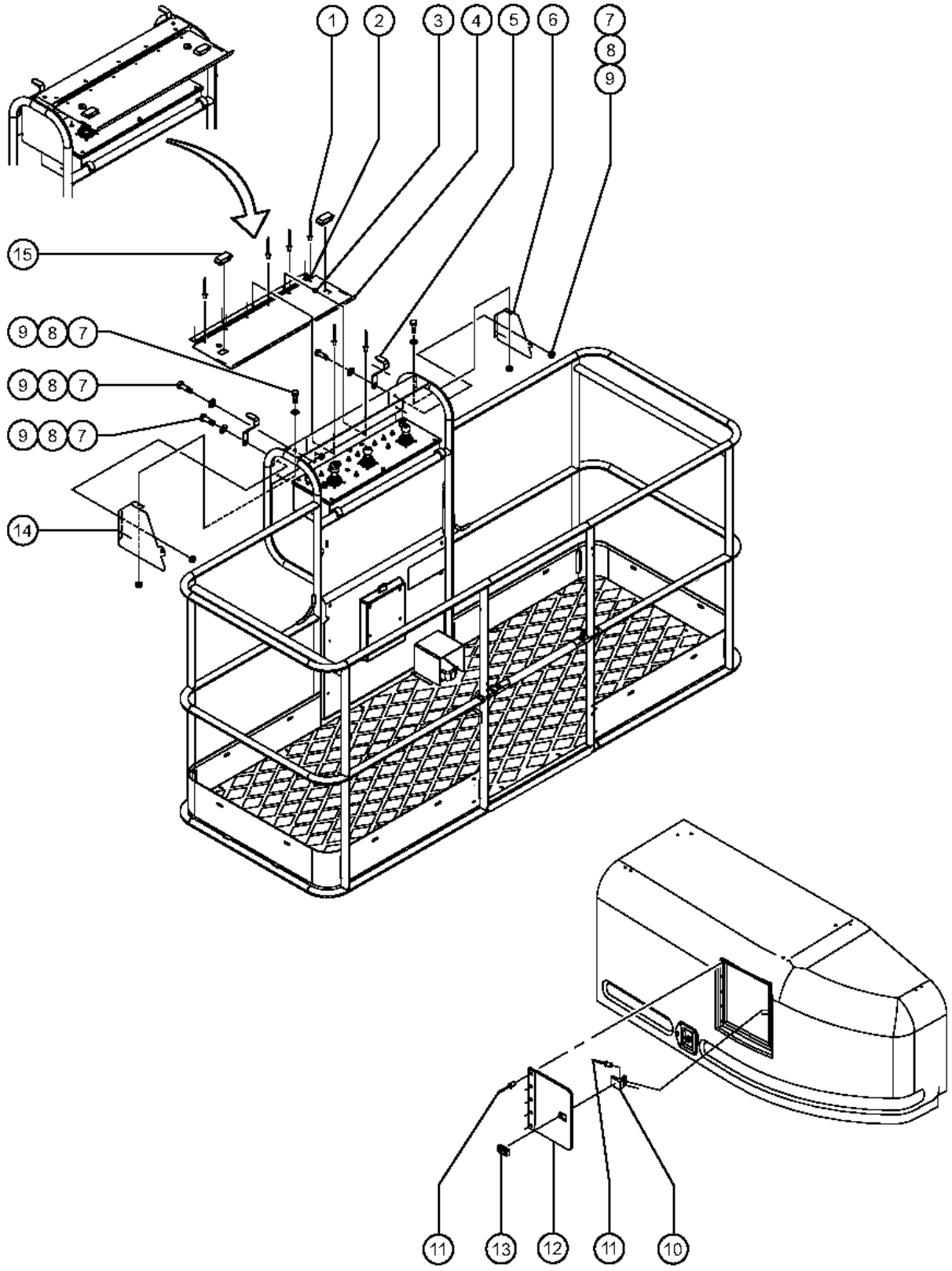
Item	Part No.	Description	Qty.
2	1259704GT	PINCH GUARD RAIL,6' PLATFORM includes 55753 bumpers	1
2-	52661GT	PINCH GUARD RAIL,8' PLATFORM** shown	
3	139958GT	KIT, AUX TOP RAIL SUPPORT to SN 6019	10
3-	122073GT	SUPPORT, RAILING from SN 6020	20
4	4266GT	SCREW,HHC,1/4-20 X 2 to SN 6019	
4-	122231GT	SCREW,BHSC,1/4-20 X 1 from SN 6020	
5	6091GT	NUT,NYLOCK,1/4-20 to SN 6019	
5-	6889GT	NUT,LP NYLOCK,1/4-20 from SN 6020	
6	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
7	7265GT	RIVET,STEEL,P, .25 X .375	14
8	128368GT	KIT,SWING GATE W/SPRING	1
8	1290135GT	KIT,HALF FRONT,SWING GATE	
8A-	1488GT	RAILING CATCH CASTING--DRILLED	
8A-	1487GT	GATE LATCH CASTING--DRILLED	
8A-	33674GT	PIN,LOCK,SHORT***	
8A-	9596GT	HINGE CASTING Special welding requirements for installation of this component. Strongly suggest ordering 128368 OR contact Genie Service for welding requirements.	
9	43392GT	BUMPER,BATTERY BOX & RAILS	1
10	1487GT	GATE LATCH CASTING--DRILLED	1
11	33674GT	PIN,LOCK,SHORT***	1
12	1488GT	RAILING CATCH CASTING--DRILLED	1
13	102721PGT	TOEBOARD,8'TRI ENTRY	2
14	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
15	6090GT	SCREW, HHC, 1/4-20 X .75	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	128429GT	LARGE FOOT SWITCH COVER part of the Arctic hose option; from SN 6498	1
18	107704GT	6' TRI-ENT RAIL W/DECALS ANSI USA and Canada; to SN 4666	
18A-	107704GT	6' TRI-ENT RAIL W/DECALS ANSI USA and Canada; from SN 4685 to SN 4702	
18B-	107705GT	8' TRI-ENT RAIL W/DECALS ANSI USA and Canada; to SN 4666	

802.1 Platform Options



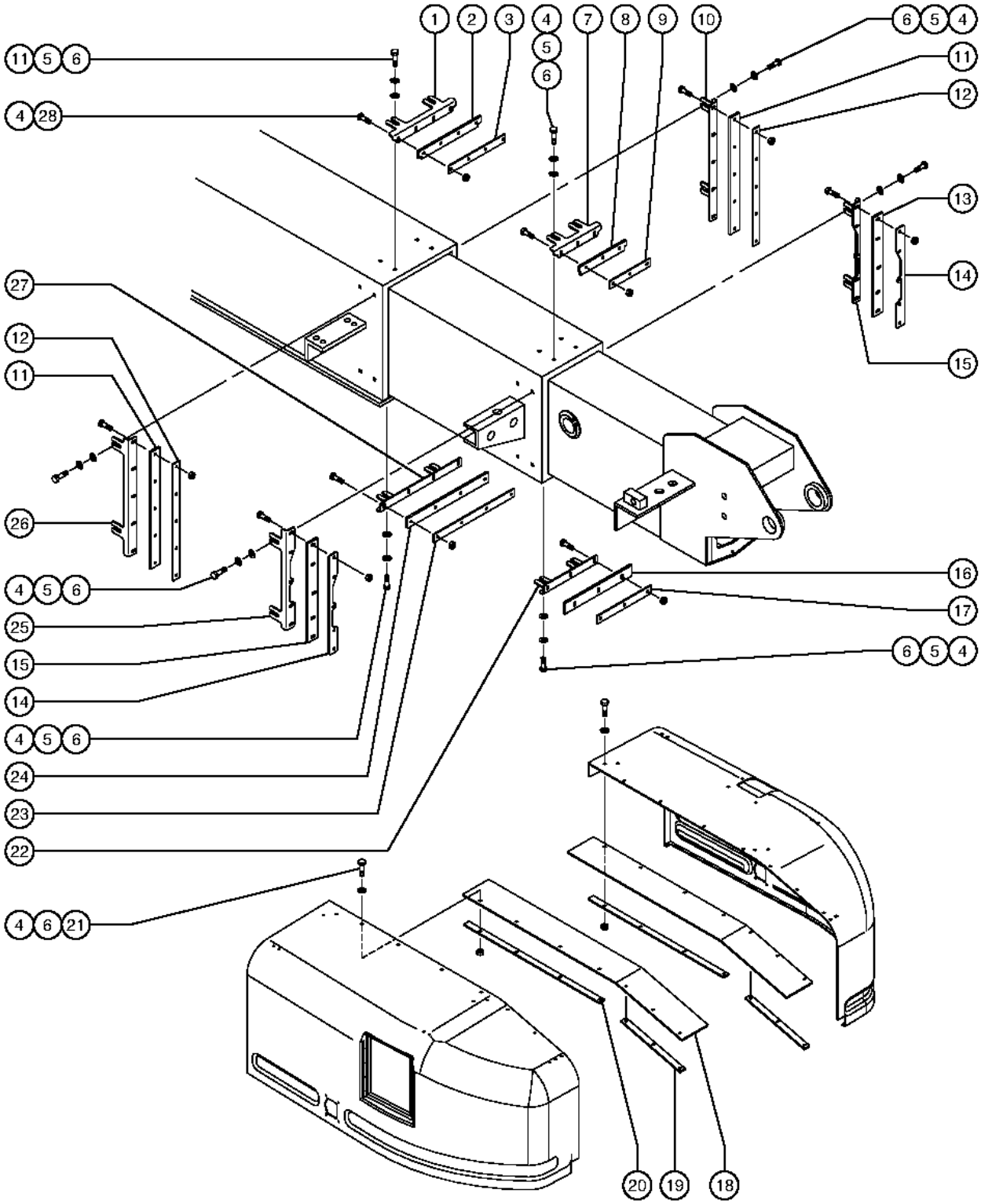
Item	*Part No.*	*Description*	*Qty.*
18C-	107705GT	8' TRI-ENT RAIL W/DECALS ANSI USA and Canada; from SN 4685 to SN 4702	
18D-	111319GT	6' TRI-ENT RAIL W/DECALS ANSI from SN 4667 to SN 4684	
18E-	111319GT	6' TRI-ENT RAIL W/DECALS ANSI from SN 4703	
18F-	111320GT	8' TRI-ENT RAIL W/DECALS ANSI from SN 4667 to SN 4684	
18G-	111320GT	8' TRI-ENT RAIL W/DECALS ANSI from SN 4703	
18H-	107706GT	8' TRI-ENT RAIL W/DECALS CE/UK Europe	
18I-	107707GT	6' TRI-ENT RAIL W/DECALS AUSTR Australia	
18J-	107708GT	8' TRI-ENT RAIL W/DECALS AUSTR Australia	
18K-	107709GT	6' TRI-ENT RAIL W/DECALS A/SOA Asia and South America	
18L-	107710GT	8' TRI-ENT RAIL W/DECALS A/SOA Asia and South America	
19	107858GT	WORKLIGHT,48 VOLT included with Work Light Option	2
19A	35960GT	BULB,WORKLIGHT,12V 35W	
20	6036GT	WASHER,LOCK,.625 PLTD	
21	75519GT	CLAMP,WORKLIGHT	2
22	6145GT	SCREW, HHC, 1/4-20 X 1.5	
23	6356GT	WASHER,LOCK,.25	

803.1 Ground and Platform Control Box Covers



Item	Part No.	Description	Qty.
	119795GT	KIT,CONTROL BOX COVER to SN 3444	
	88609-SGT	CONTROL BOX COVER ASSY*** from SN 3445 to SN 3575	
	T109328GT	ACC,PLAT CONTROL COVER, SERV from SN 3576	
1	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	11
2	111526GT	HINGE,PLAT CONTROL BOX COVER	1
3	43392GT	BUMPER,BATTERY BOX & RAILS	2
4	102676GT	LID ASSY,CONTROL BOX COVER PLT includes items 1, 3-5, 7-9 and 15	1
4-	102785PGT	CONTROL BOX COVER,LID,PTD	
5	102786PGT	FORMING,LATCH,CTRL BOX LID PTD	2
6	88606PGT	COVER,CONTROL BOX RIGHT SIDE**	1
7	6889GT	NUT,LP NYLOCK,1/4-20	
8	6638GT	WASHER, FLAT, USS, 1/4"Y	
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	49534GT	DOOR LATCH,BASE CONTROL BOX	1
11	53189GT	RIVET,ALUM,ALUM,P,.25X.375	7
12	49533PGT	COVER,LOWER CONT BOX,GRAY,PTD	1
13	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	1
14	88607PGT	COVER,CONTROL BOX LEFT SIDE***	1
15	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	2

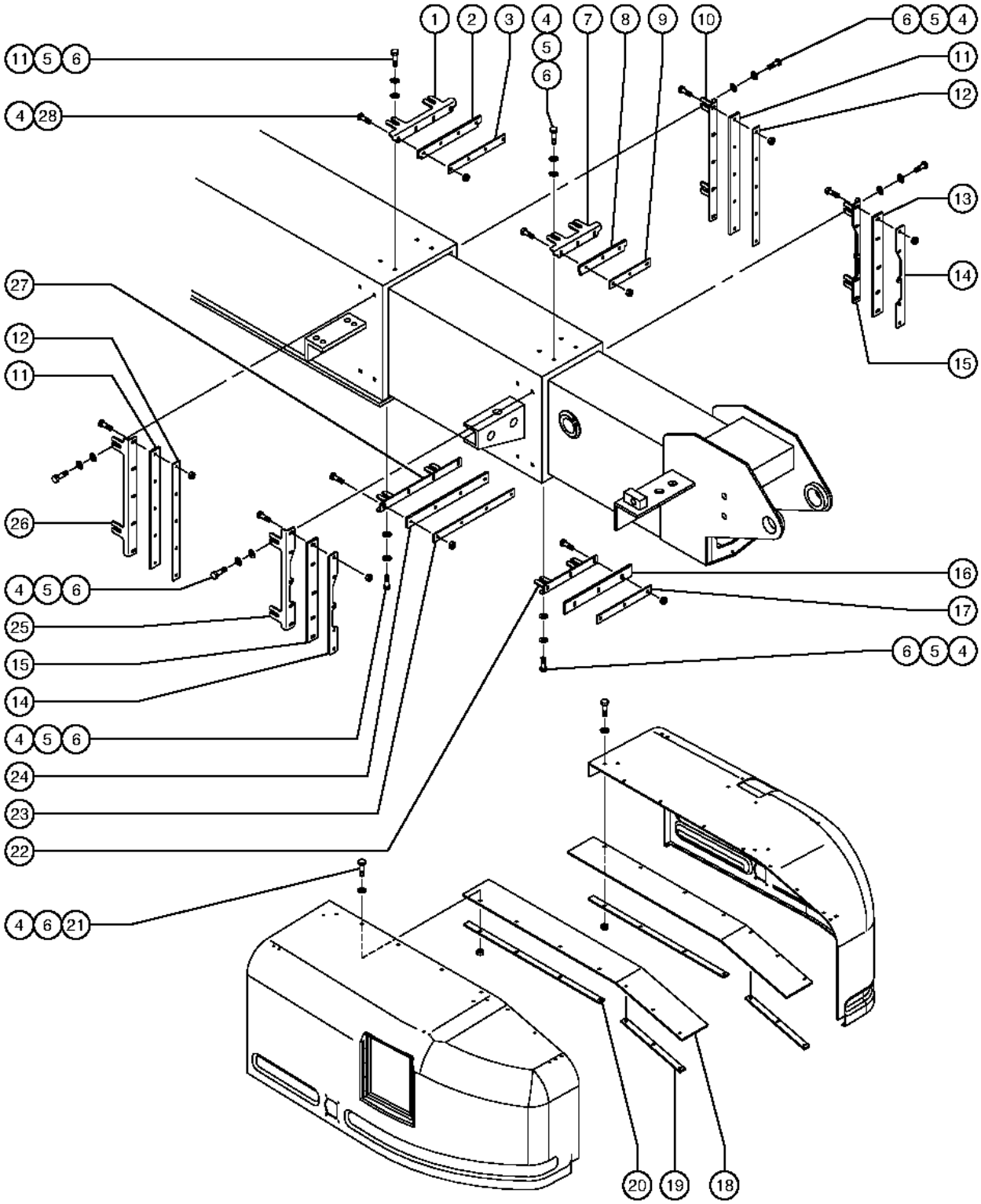
804.1 Hostile Environment Package - Boom and Turntable Covers (to SN 5894)



804.1 Hostile Environment Package - Boom and Turntable Covers (to SN 5894)

Item	Part No.	Description	Qty.
	81704GT	S80 STD HOSTILE ENVIRONMENT	
	122628GT	UPGRADE KIT, BOOM WIPER (refer to 804.2); from SN 3575	
	81063PGT	BRACKET SWITCHGUARD to SN 3574	
	81064GT	WIPER,SWITCH GUARD to SN 3574	
	81945PGT	BRACKET,WIPER PNTD from SN 3575	
	230995GT	COVER,HSE&CBL DLX HOSTILE from SN 3575	
1	63179PGT	WIPER BRACKET, PNTD	1
2	63171GT	WIPER	1
3	63172PGT	BACKING PLATE, PNTD	1
4	6888GT	SCREW, HHC, 1/4-20 X 1	
5	6356GT	WASHER,LOCK,.25	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	63135PGT	WIPER BRACKET, PNTD	1
8	63174GT	WIPER	1
9	63168PGT	BACKING PLATE, PAINTED	1
10	63143PGT	WIPER BRACKET, PNTD	1
11	63144GT	WIPER	2
12	63170PGT	BACKING PLATE, PNTD	2
13	63138GT	WIPER	2
14	63167PGT	BACKING PLATE, PNTD	2
15	63176PGT	WIPER BRACKET, PNTD	1
16	63136GT	WIPER	1
17	63175PGT	BACKING PLATE, PNTD	1
18	34381GT	FLAP,SWING CHASSIS COVER	2
19	34389PGT	BAR,FLAP REINFORCING 23" BLUE	2
20	34388PGT	BAR,FLAP REINFORCING 37.5 BLUE	2
21	6091GT	NUT,NYLOCK,1/4-20	
22	63177PGT	WIPER BRACKET, PNTD	1

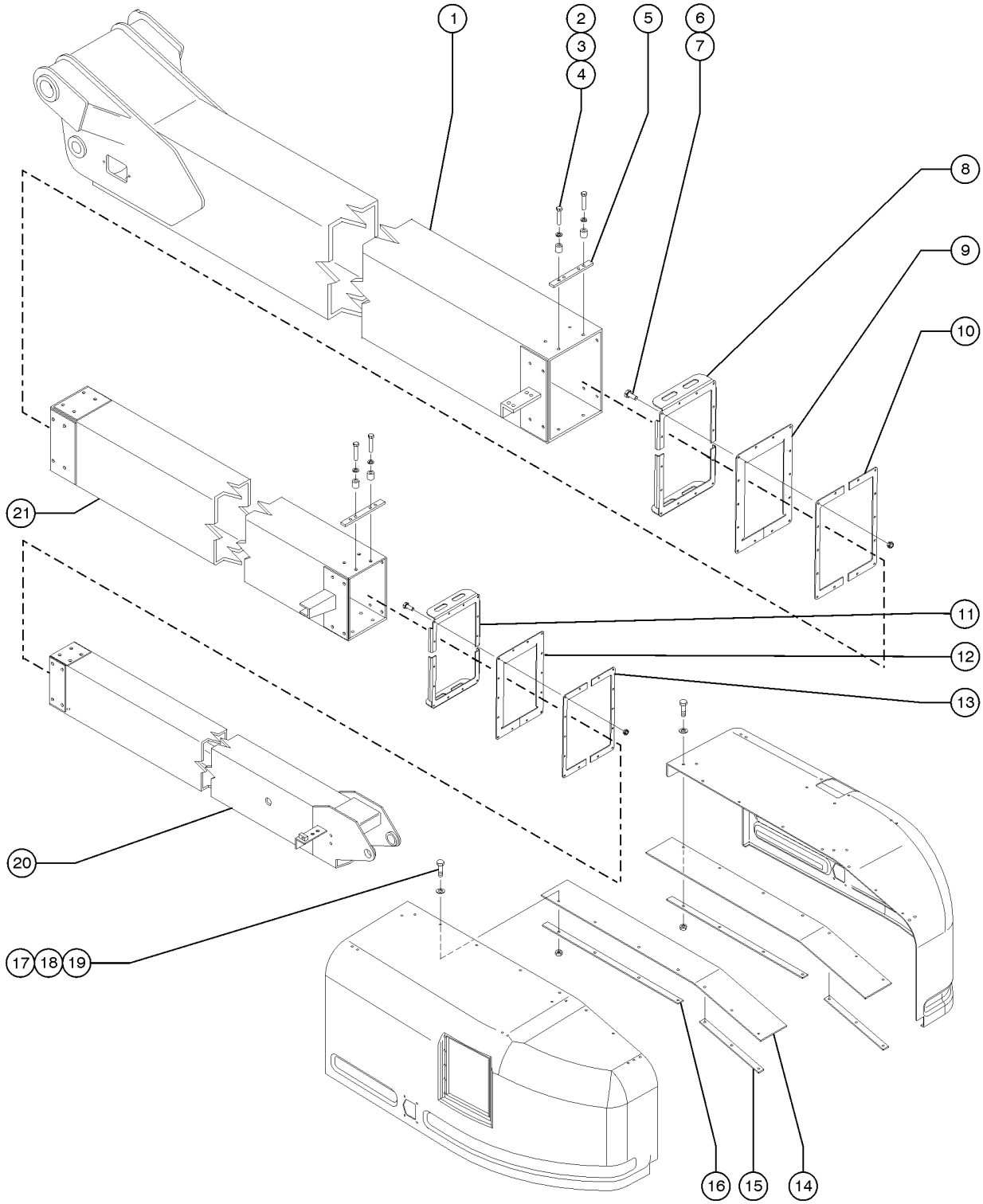
804.1 Hostile Environment Package - Boom and Turntable Covers (to SN 5894)



804.1 Hostile Environment Package - Boom and Turntable Covers (to SN 5894)

Item	*Part No.*	*Description*	*Qty.*
23	63182PGT	BACKING PLATE, PNTD	1
24	63181GT	WIPER	1
25	63137PGT	WIPER BRACKET, PNTD	1
26	63180PGT	WIPER BRACKET, PNTD	1
27	63141PGT	WIPER BRACKET, PNTD	1
28	6889GT	NUT,LP NYLOCK,1/4-20	

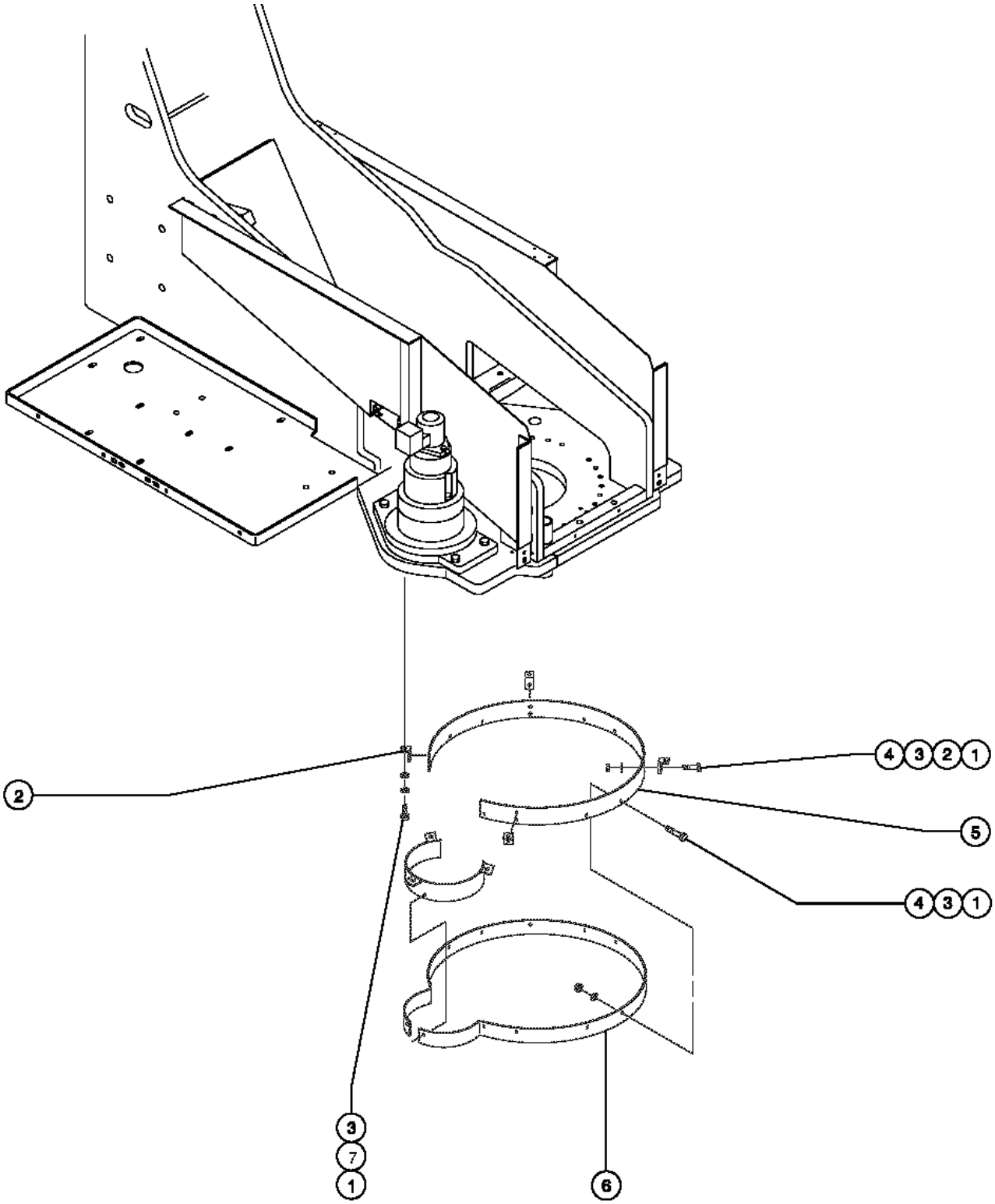
804.2 Hostile Environment Package - Boom and Turntable Covers (from SN 5895)



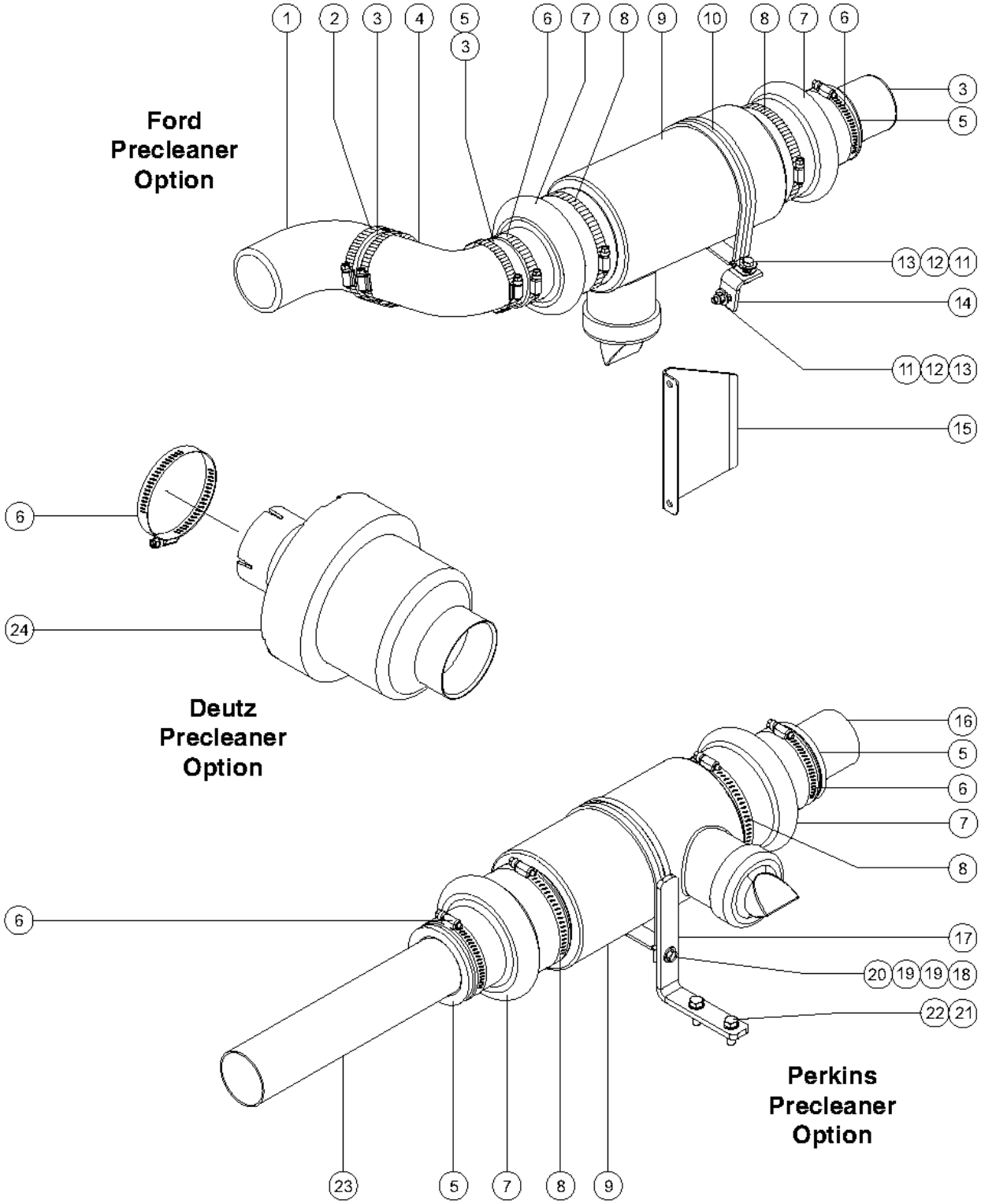
804.2 Hostile Environment Package - Boom and Turntable Covers (from SN 5895)

Item	Part No.	Description	Qty.
	81704GT	S80 STD HOSTILE ENVIRONMENT	
	102337GT	S80 DLX HOSTILE ENVIRONMENT	
	230995GT	COVER,HSE&CBL DLX HOSTILE	
	122628GT	UPGRADE KIT, BOOM WIPER (includes items 6-13)	
1		Ref. Number 1 Boom Tube Assembly with Decal (refer to 501.1)	
2	5224GT	SCREW,HHC,3/8-16 X 2	
3	6021GT	WASHER, LOCK, .375	
4	101932GT	TUBE, RD., STL., DOM .75 X .437 X .78	
5	110444GT	SPACER,BOOM TOP	2
6	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
7	6091GT	NUT,NYLOCK,1/4-20	
8	122567GT	FORMING, BRKT, WIPER 1 TO 2	2
9	122569GT	WIPER,RUBBER, 1 TO 2	1
10	122568GT	PLATE, BACKING WIPER 1 TO 2	2
11	122570GT	FORMING, BRKT, WIPER 2 TO 3	2
12	122572GT	WIPER,RUBBER, 2 TO 3	1
13	122571GT	PLATE,BACKING WIPER 2 TO 3	2
14	34381GT	FLAP,SWING CHASSIS COVER	2
15	34389PGT	BAR,FLAP REINFORCING 23" BLUE	2 23 inches
16	34388PGT	BAR,FLAP REINFORCING 37.5 BLUE	
17	6888GT	SCREW, HHC, 1/4-20 X 1	
18	6638GT	WASHER, FLAT, USS, 1/4"Y	
19	6091GT	NUT,NYLOCK,1/4-20	
20		Ref. Number 3 Boom Tube (refer to 502.1)	
21		Ref. Number 2 Boom Tube (refer to 502.1)	

805.1 Hostile Environment Package - Turntable

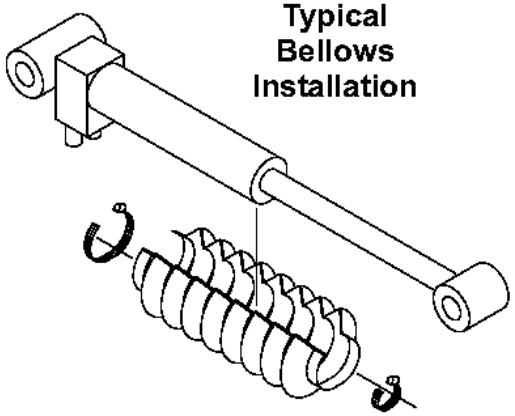


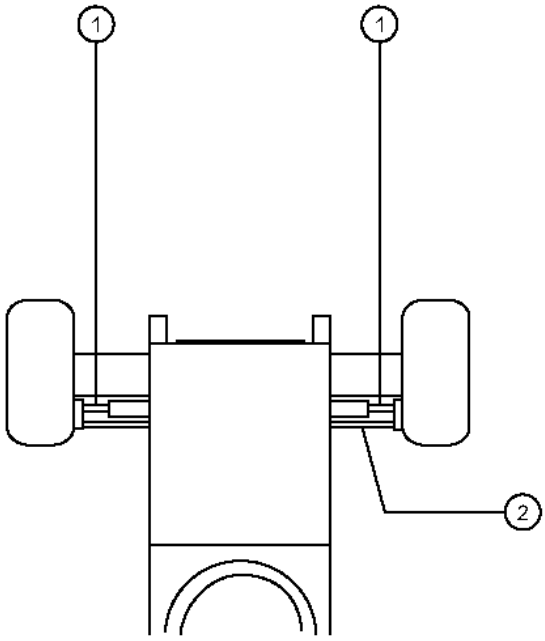
Item	*Part No.*	*Description*	*Qty.*
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	81062PGT	ANGLE,RING GUARD *PAINTED	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT,NYLOCK,1/4-20	
5	35419PGT	BRACKET,RING GUARD	1
6	35421GT	WIPER,RING GEAR	1
7	6356GT	WASHER,LOCK,.25	

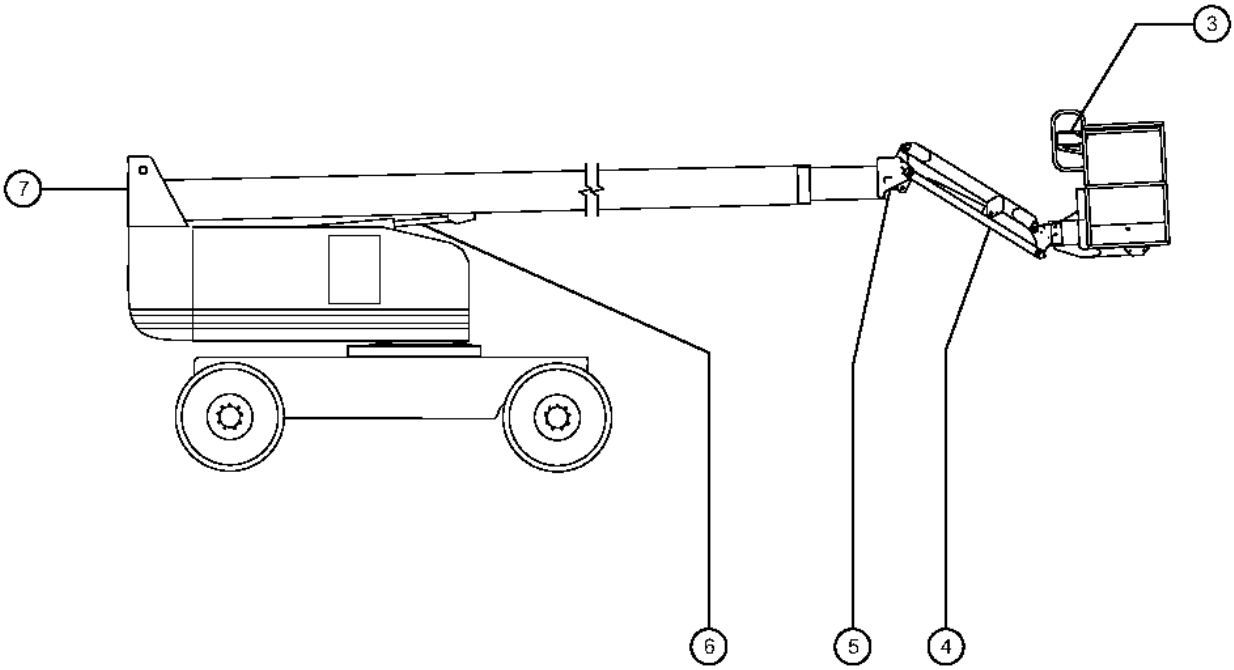

Ford
Precleaner
Option
Deutz
Precleaner
Option
Perkins
Precleaner
Option

Item	Part No.	Description	Qty.
1	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	1
2	53945GT	CLAMP,HOSE 2 5/16-3 1/4	3
3	35067GT	TUBE,RD,ALUM 2.5 X .083 Qty. 3	2 inches
4	50941GT	HOSE,90DEG 2.5" AIR INTAKE	1
5	101640GT	REDUCER,RUBBER 3.0 - 2.5	4
6	30971GT	CLAMP,HOSE,3.00"	2
7	88492GT	HOSE,HUMP 3" TO 4"	4
8	34955GT	CLAMP, HOSE, 5.00	4
9	88493GT	PRECLEANER,AIR INTAKE	2
10	101639GT	CLAMP,5.38,#86 X 3/8,RUB CUSH	2
11	6091GT	NUT,NYLOCK,1/4-20	
12	6888GT	SCREW, HHC, 1/4-20 X 1	
13	6638GT	WASHER, FLAT, USS, 1/4"Y	
14	81062PGT	ANGLE,RING GUARD *PAINTED	1
15	102003PGT	FORMING,BAFFLE PLATE COVER	1
16	94324GT	TUBE,RD,STL,ALUMIZD,2.5 X .065	5 inches
17	101612PGT	BRACKET,PRECLEANER PAINTED	1
18	4828GT	NUT, NYLOCK, 3/8-16	
19	5397GT	WASHER, FLAT, USS, 5/16-18	
20	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
21	49379GT	SCREW,HHC,M8 X 1.25 X 25	
22	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
23	94324GT	TUBE,RD,STL,ALUMIZD,2.5 X .065	14 inches
24	89959GT	PRECLEANER,INLINE 3"	1

807.1 Hostile Environment Package - Cylinder Bellows

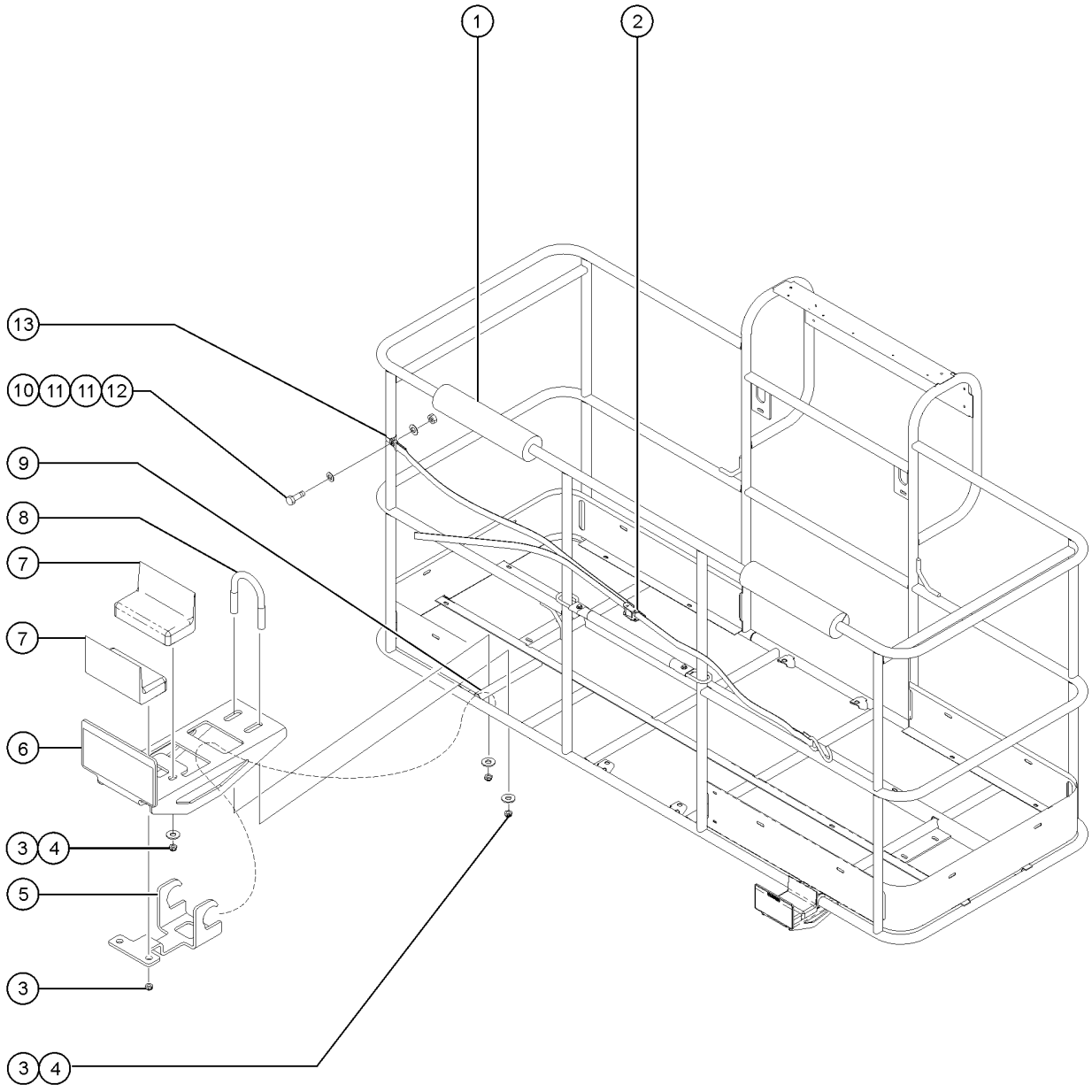




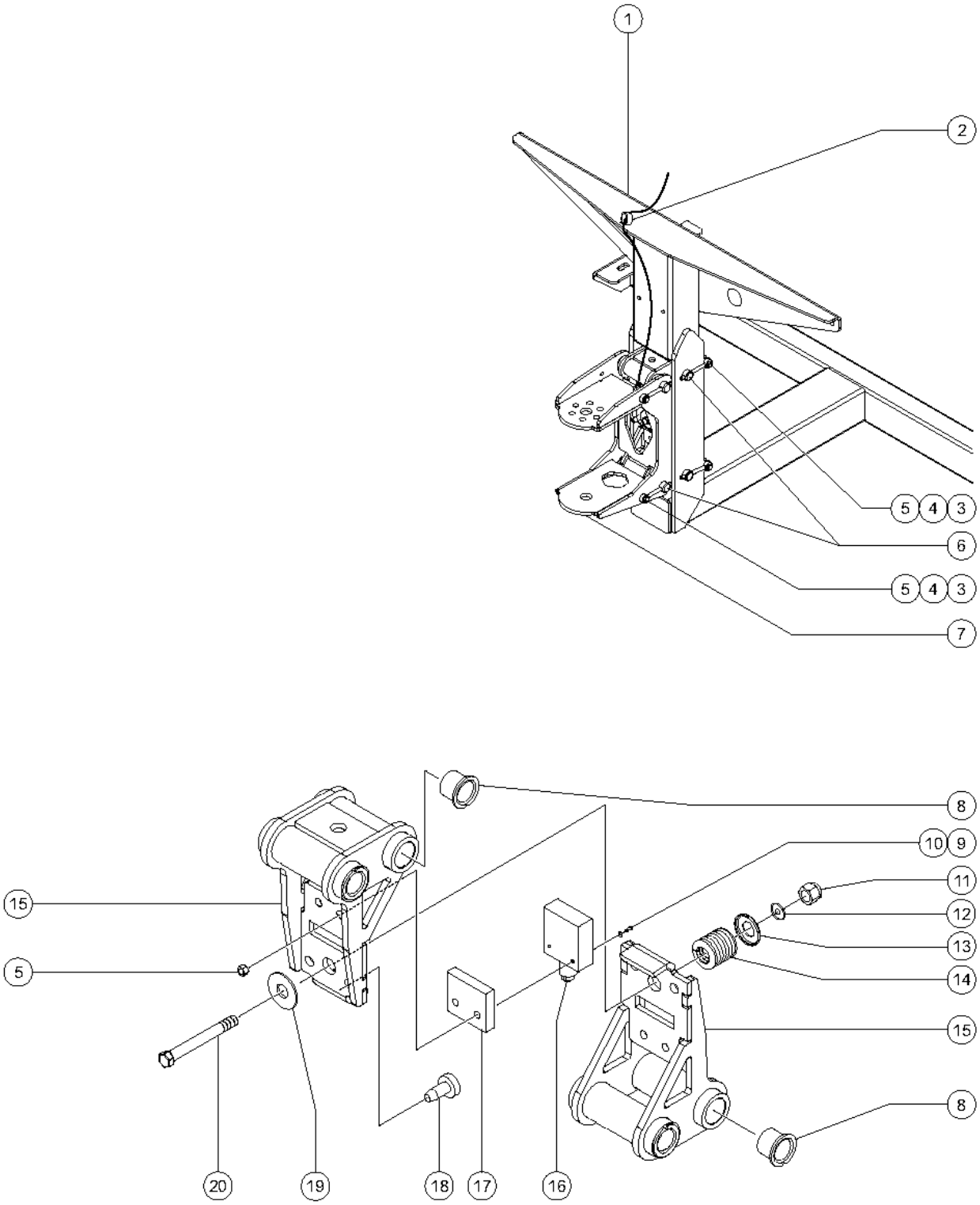


Item	Part No.	Description	Qty.
	81700GT	COVER,PROTECTIVE,OSC.CYLINDER	
1	34533GT	COVER,PROTECTIVE,STEER CYL	2
1-	36208GT	CLAMP,HOSE,1.25***	
1-	30971GT	CLAMP,HOSE,3.00"	
2	34532GT	COVER,PROTECTIVE,TIE ROD CYL.	1
2-	36208GT	CLAMP,HOSE,1.25***	
2-	30971GT	CLAMP,HOSE,3.00"	
3	82244GT	DECAL,PROTECTOR,CLEAR***	1
3-	36208GT	CLAMP,HOSE,1.25***	
3-	30971GT	CLAMP,HOSE,3.00"	
4	34505GT	COVER,PROTECTIVE,JIB CYLINDER	1
4-	36208GT	CLAMP,HOSE,1.25***	
4-	30971GT	CLAMP,HOSE,3.00"	
5	34503GT	COVER,PROTECTIVE,SLAVE W/JIB	1
5-	30489GT	CLAMP,HOSE,3.50	
5-	31523GT	CLAMP,HOSE,8.50 DIA***	
6	34531GT	COVER,PROTECTIVE,LIFT CYLINDER	1
6-	36208GT	CLAMP,HOSE,1.25***	
6-	30971GT	CLAMP,HOSE,3.00"	
7	34501GT	COVER,PROTECTIVE,MASTER W/JIB	1

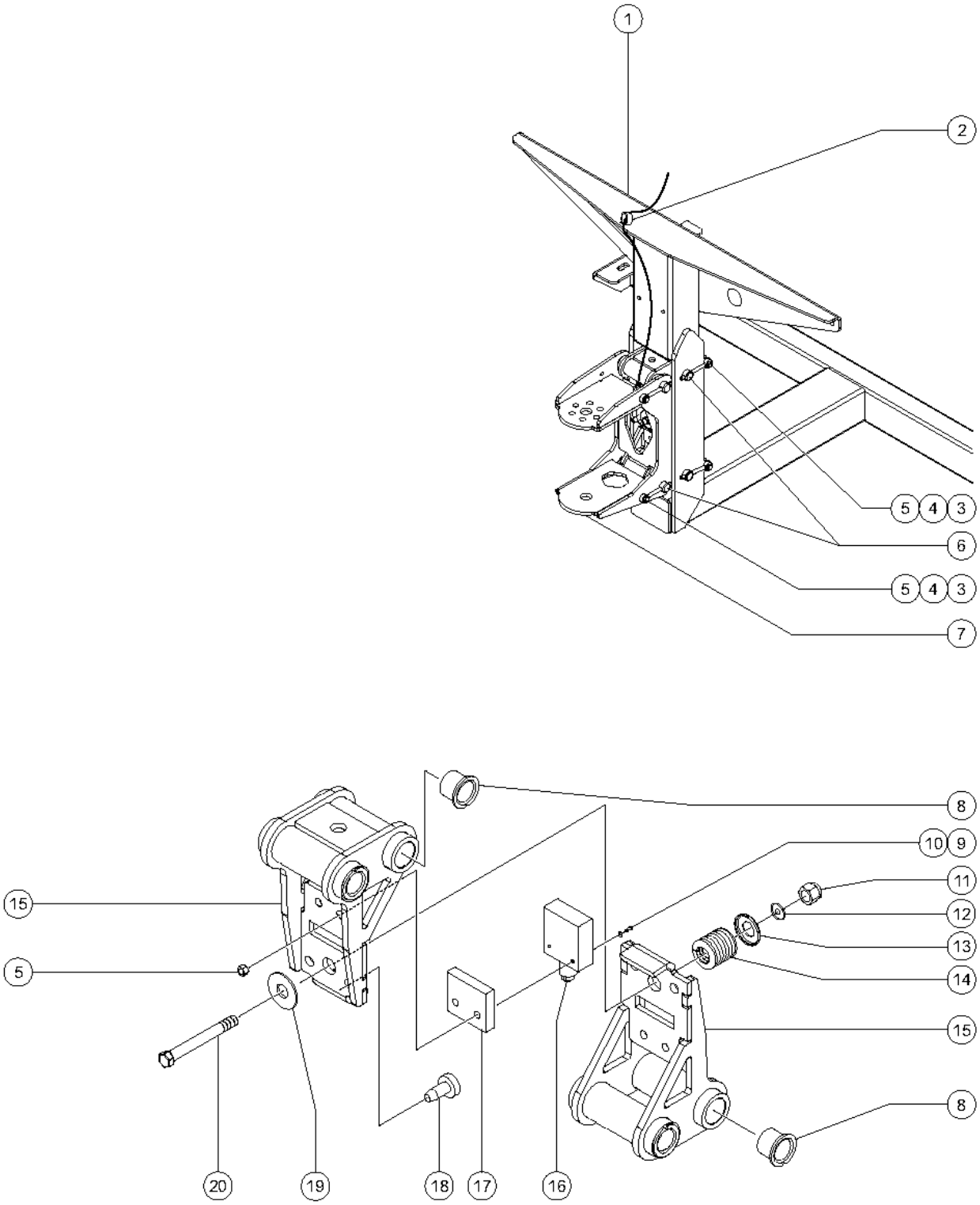
808.1 Panel Cradle Option



Item	Part No.	Description	Qty.
A-	77683GT	ACCESSORY,PANEL CRADLE,ANSI (ANSI/CSA models)	
B-	94493-SGT	KIT,PANEL CRADLE,CE (CE/AUS models)	
1	88377-1400GT	FOAM PAD***	2
2	77664GT	ADJUSTABLE STRAP ASSY	1
3	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
4	5397GT	WASHER, FLAT, USS, 5/16-18 for machines before 2010	
5	228849GT	FORMING,SECONDARY SUPPORT 77576P is no longer available. For machines before 2010, must install Qty 2 service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	2
6	228848GT	FORMING PANEL CRADLE 89724 is no longer available. For machines before 2010, must install Qty 2 service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	2
6-	233992GT	KIT,PANEL CRADEL BRACKET,WORD (ANSI/CSA models) (includes hook, panel support bracket and installation instructions)	1
6-	233993GT	KIT,PANEL CRADLE BRACKET,SYMBL (CE/AUS models) (includes hook, panel support bracket and installation instructions)	1
7	56934GT	PAD,REST,1"THICK,FLANGED	4
7A	824038GT	NUT,TL JAM,3/8-16,A,ZAG for 56934	4
8	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
9	73463-1175GT	TUBE, RD, ALUM, 1.25 X .083 X 11.75	2
10	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	1
11	6638GT	WASHER, FLAT, USS, 1/4"Y for machines before 2010	
12	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	1
13	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	1

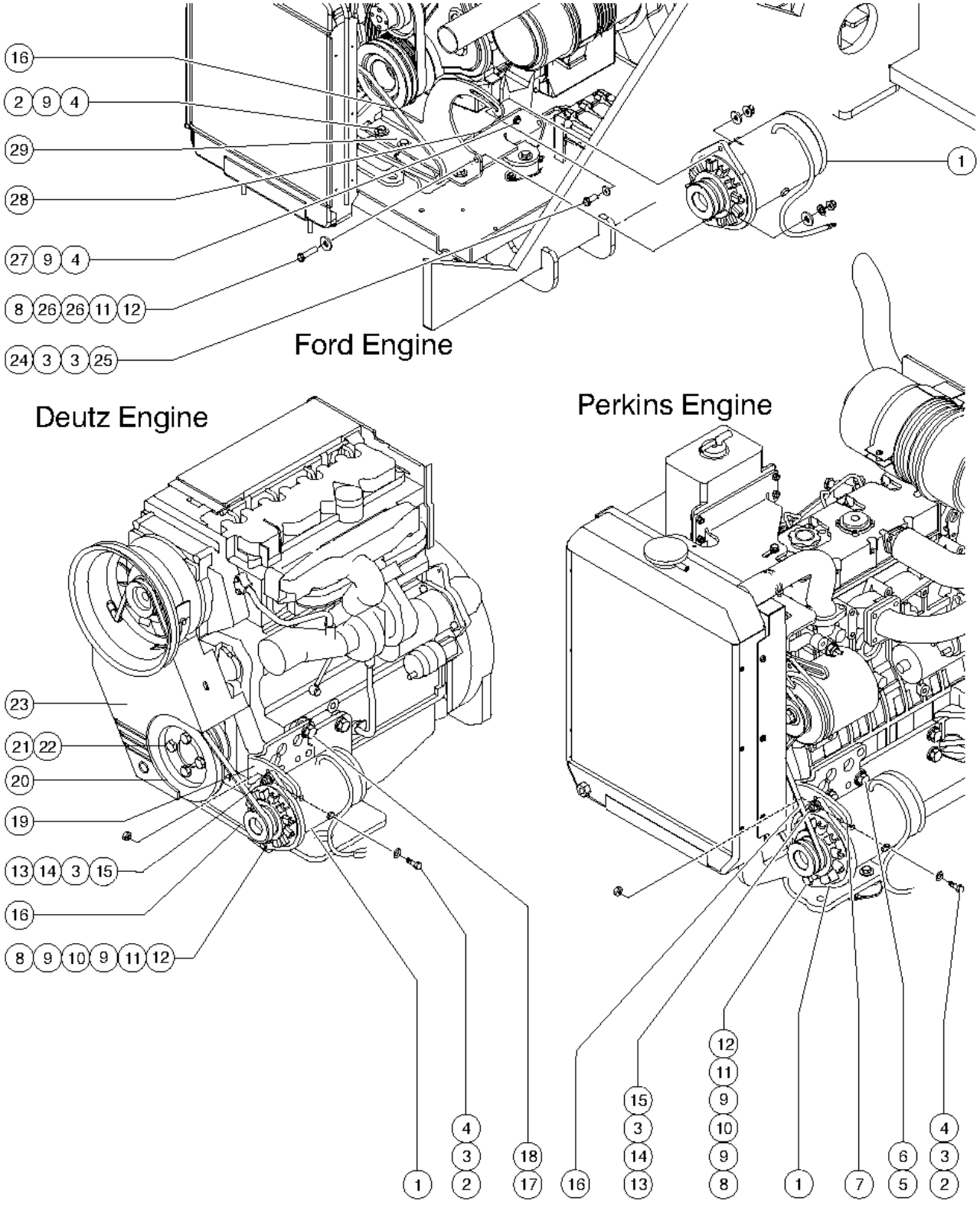

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Item	Part No.	Description	Qty.
A-	101805GT	KIT,LOADSENSE,UPGRD,S80/85 ..... from SN 3263 to SN 3576	
B-	101805GT	KIT,LOADSENSE,UPGRD,S80/85 ..... from SN 3577	
B-	128045GT	MODULE,LOAD SENSE 2007 ..... (included in kit p/n 101805)	
C-	1283750GT	HARNESS,GROUND BOX,S80,W/LOAD SENSE ..... Ground controls harness in kit 101805	
D-	1283752GT	HARNESS,PLATFORM,S80,W/LOAD SENSE ..... Platfrom controlsharness in kit 101805	
1	61997GT	WELDMENT,PLATFORM SUPPORT,CE ..... European Models	1
2	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
2-	6090GT	SCREW, HHC, 1/4-20 X .75	
2-	6091GT	NUT,NYLOCK,1/4-20	
3	6888GT	SCREW, HHC, 1/4-20 X 1	
4	825020GT	ROD END, .25 X 2.75, ZAG	4
5	6091GT	NUT,NYLOCK,1/4-20	
6	61726GT	PIN,0.75DIAX5.75LG,CHAMFER	4
6-	94643GT	ZERK,GREASE,5/16-24,STRAIT	1
7	101845GT	ROTATOR MOUNT KIT	1
8	25685GT	BEARING,GARLOCK,12FDU12	8
9	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
10	6146GT	WASHER,FLAT,MS,#10,Y	
11	4828GT	NUT, NYLOCK, 3/8-16	
12	6097GT	WASHER, FLAT, USS, 3/8", Y	
13	61975GT	RETAINER,SPRING,1.21 X .375	1
14	61974GT	SPRING,COMP,1" OD,232 LB/IN	1
15	89755GT	LOAD SUPPORT W/BEARINGS ..... includes item 8	2
15-	110789GT	WASHER,SHIM .0151 THK.	
16	94549GT	SWITCH,LOAD LIMIT	1
17	61972GT	MOUNT,SWITCH	1
18	34619GT	BUMPER,RUBBER***	2
19	80605GT	WASHER,FLAT,3/8X1.5X.06	


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Item	*Part No.*	*Description*	*Qty.*
20	21604GT	SCREW,HHC,3/8-16 X 3.25	

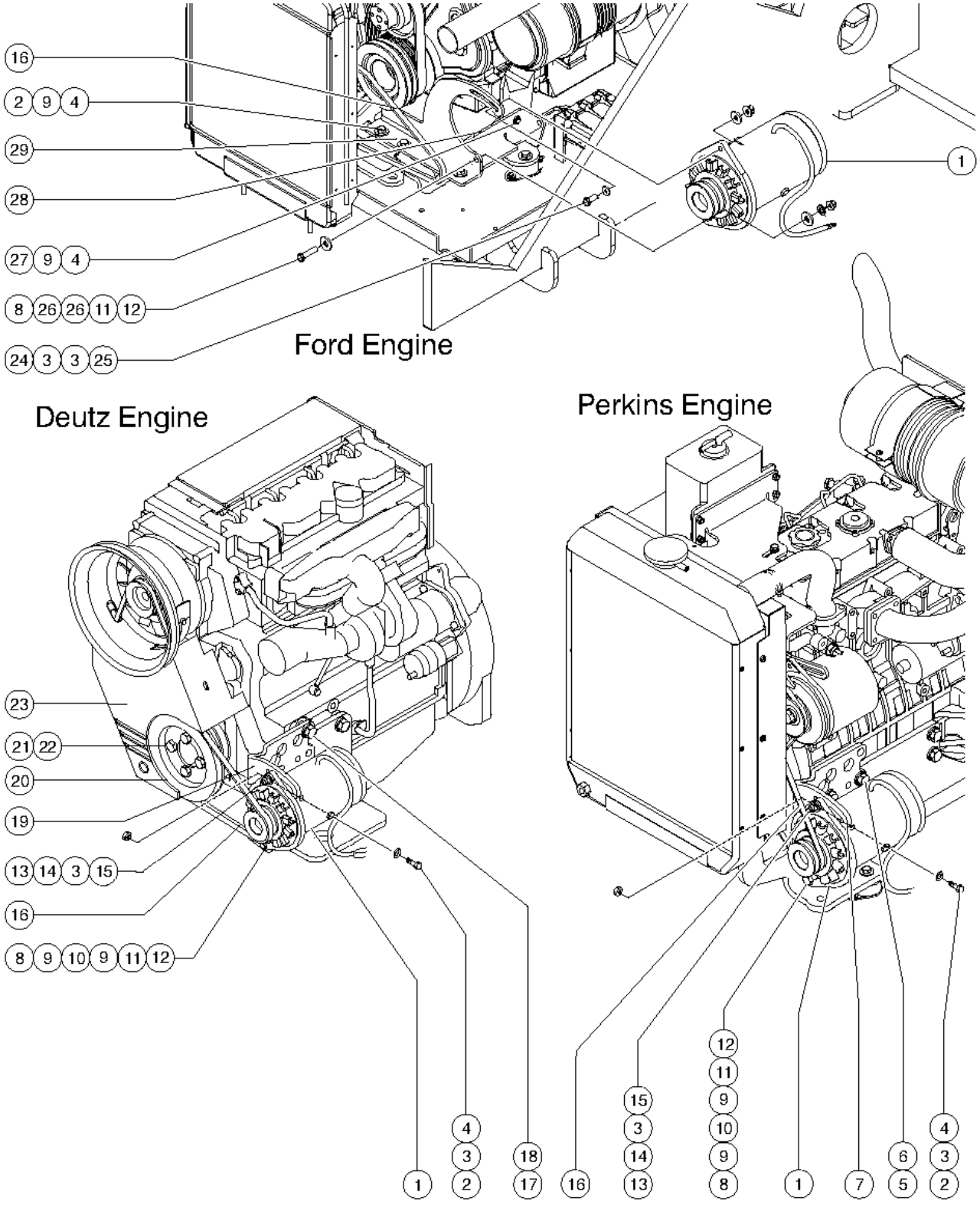
810.1 Belt-driven Generator Option - View 1



810.1 Belt-driven Generator Option - View 1

Item	Part No.	Description	Qty.
A-	88374GT	PULLEY,PERKINS Perkins models; to SN 3737	
B-	102346GT	PULLEY KIT,PERKINS 804 Perkins models; from SN 3738	
C-	70484GT	PULLEY,GENERATOR,FORD Ford models	
D-	88352GT	PULLEY,GM GM models	
E-	58312GT	BOLT,PULLEY,GM GM models	
F-	81866GT	BRACKET, GENERATOR MOUNT GM models	
G-	81867PGT	FORMING,GEN.TENSIONING PAINTED GM models	
1	89908GT	GENERATOR,3000W,220V,50HZ***	1
1-	60707GT	GENERATOR,3500W,120V,60HZ**	
2	8516GT	SCREW, HCC, 3/8-16 X 1.50	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	49381GT	SCREW,HHC,M12 X 30	
6	49410GT	WASHER, FLAT, M12	
7	88174PGT	FORMING,PERKIS GEN.BRKT.PAINT to SN 3737	1
7-	119578GT	BELT GEN BRKT UPGRADE KIT from SN 3739 to SN 5490	
7	119533PGT	FORMING,GENERATOR MOUNT,PTD from SN 5491	
8	81852GT	SCREW,HHC,7/16-14 X 1.75	
9	6097GT	WASHER, FLAT, USS, 3/8", Y	
10	45400GT	SPACER TUBE,.50 LG	1
11	20912GT	WASHER,LOCK,.437,PLTD	
12	6083GT	NUT,HEX,7/16-14	
13	4828GT	NUT, NYLOCK, 3/8-16	
14	6021GT	WASHER, LOCK, .375	
15	60790GT	BOLT,CARRIAGE,3/8-16 X1.50,G5	
16	61113GT	BELT,AX35 Perkins models; to SN 3737	1
16-	94600GT	BELT, (NAPA 9360) Perkins models; from SN 3738 to SN 3931	
16-	61114GT	BELT,AX36 Perkins models; from SN 3932	

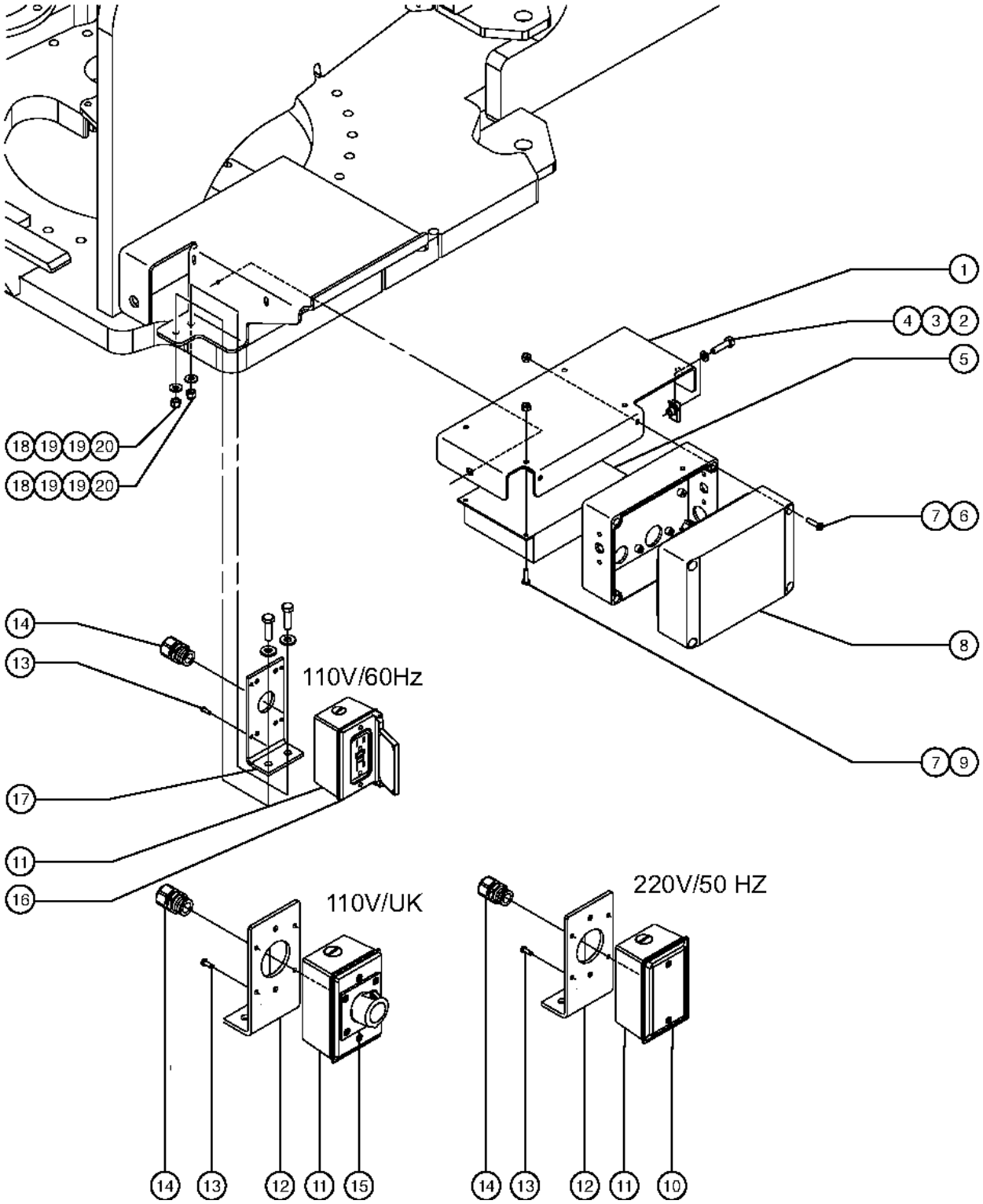
810.1 Belt-driven Generator Option - View 1



810.1 Belt-driven Generator Option - View 1

Item	Part No.	Description	Qty.
16-	75053GT	BELT,AX38*** Deutz models; to SN 3772	
16-	106535GT	BELT,AX33*** Deutz models; from SN 3773	
16-	94600GT	BELT, (NAPA 9360) Ford models	
16-	81891GT	BELT,AX30 GM models; to SN 3144	
16-	1251542GT	V BELT, COGGED, AX32 GM models; from SN 3146	
17	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	
18	49411GT	WASHER,FLAT,M14	
19	89894PGT	BRACKET,GENERATOR-DEUTZ to SN 3772	1
19-	81466GT	BRACKET,GENERATOR MOUNT to SN 3772	
19-	119578GT	BELT GEN BRKT UPGRADE KIT from SN 3773 to SN 5490	
19-	119533PGT	FORMING,GENERATOR MOUNT,PTD from SN 5491	
20	70389GT	PULLEY,DEUTZ	1
20-	81069GT	SPACER,PULLEY,DEUTZ GEN	
21	22697GT	SCREW,HHC,M10 X 65MM,GR8.8	4
22	22700GT	WASHER,LOCK,M10	
23	106740GT	COVER,REWORK,DEUTZ GENERATOR to SN 3772	1
24	14723GT	SCREW,HHC,5/16-18 X 1.75	
25	6782GT	NUT, NYLOCK, 5/16-18	
26	11209GT	WASHER,FLAT,USS,7/16",Y	
27	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
28	70399PGT	FORMING,GENERATOR MOUNT PAINTD	1
29	70398PGT	FORMING,GENERATOR MOUNT PAINTD	1

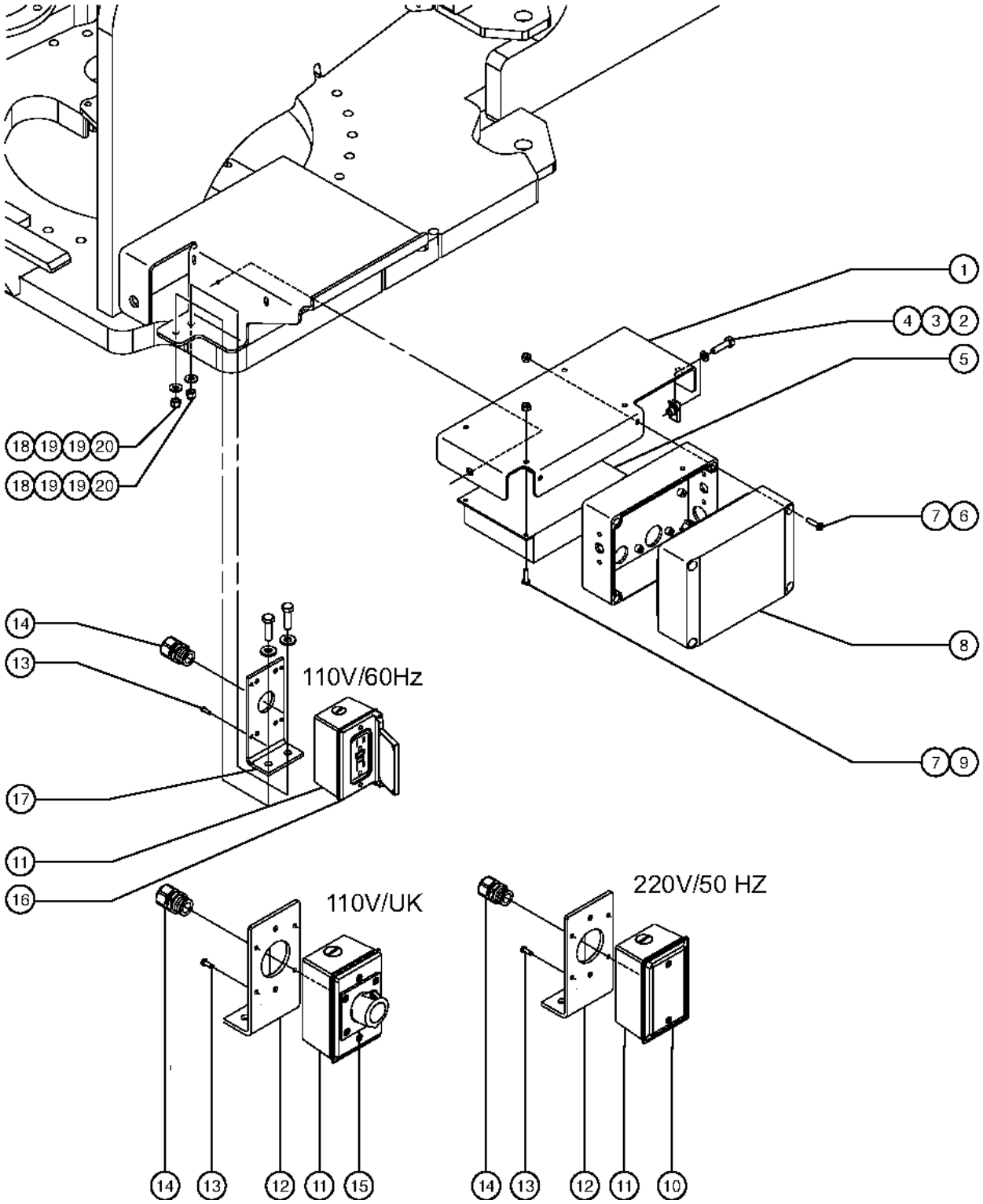
811.1 Belt-driven Generator Option - View 2



811.1 Belt-driven Generator Option - View 2

Item	Part No.	Description	Qty.
1	81850PGT	FORMING,REGULATOR MOUNT PAINTD	1
2	6888GT	SCREW, HHC, 1/4-20 X 1	
3	6356GT	WASHER,LOCK,.25	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	60739GT	VOLTAGE REGULATOR,220V	
5-	60738GT	VOLTAGE REGULATOR,110V	
6	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
7	6178GT	NUT, NYLOCK, 10-32	
8	81559GT	HARNESS for GENERATOR W/REG.220V (Harness only, for BD generator)	1
8-	81558GT	HARNESS for GENERATOR W/REGULATOR (Harness only, for BD generator)	
8-	60891GT	ENCLOSURE,GENERATOR BOX	
9	49826GT	SCREW,PHILLIPS,PHM,10-32 X.625	
10	10777GT	COVER,BLANK	1
10-	81458GT	GASKET, UK POWER TO PLAT	
10-	33724GT	KIT,GASKET,UK POWER TO PLAT	
11	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
12	81570GT	BRACKET,POWER TO PLAT, UK	
13	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP	
14	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	2
14-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
15	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT	
15-	96236GT	PLATE,AC ADAPTER,DIN/UK***	
15-	81458GT	GASKET, UK POWER TO PLAT	
15-	33724GT	KIT,GASKET,UK POWER TO PLAT	
16	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1
16-	13585GT	OUTLET, 110V North American models	
17	81096GT	BRACKET,POWER TO PLAT, DOM	
18	4828GT	NUT, NYLOCK, 3/8-16	

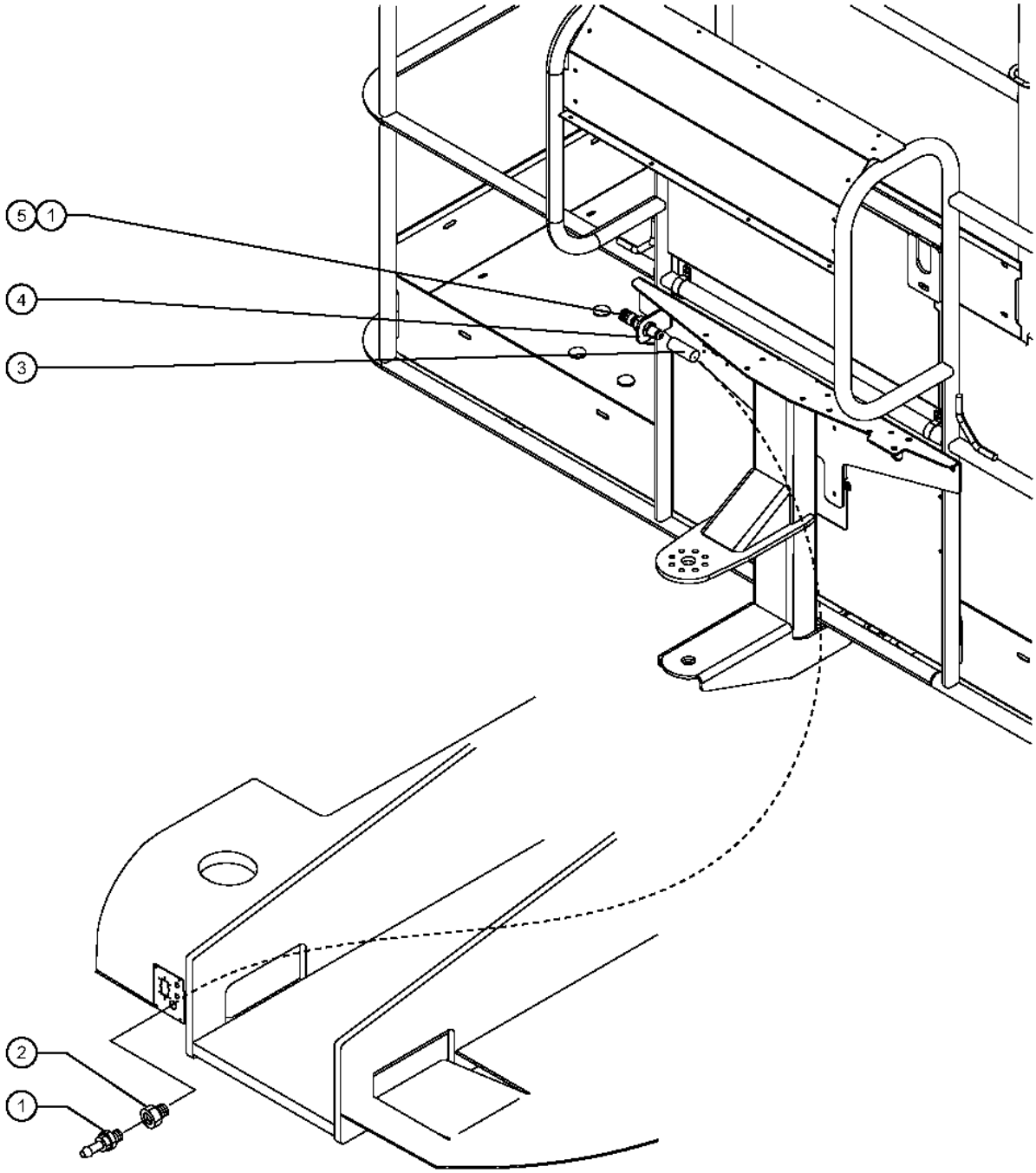
811.1 Belt-driven Generator Option - View 2



811.1 Belt-driven Generator Option - View 2

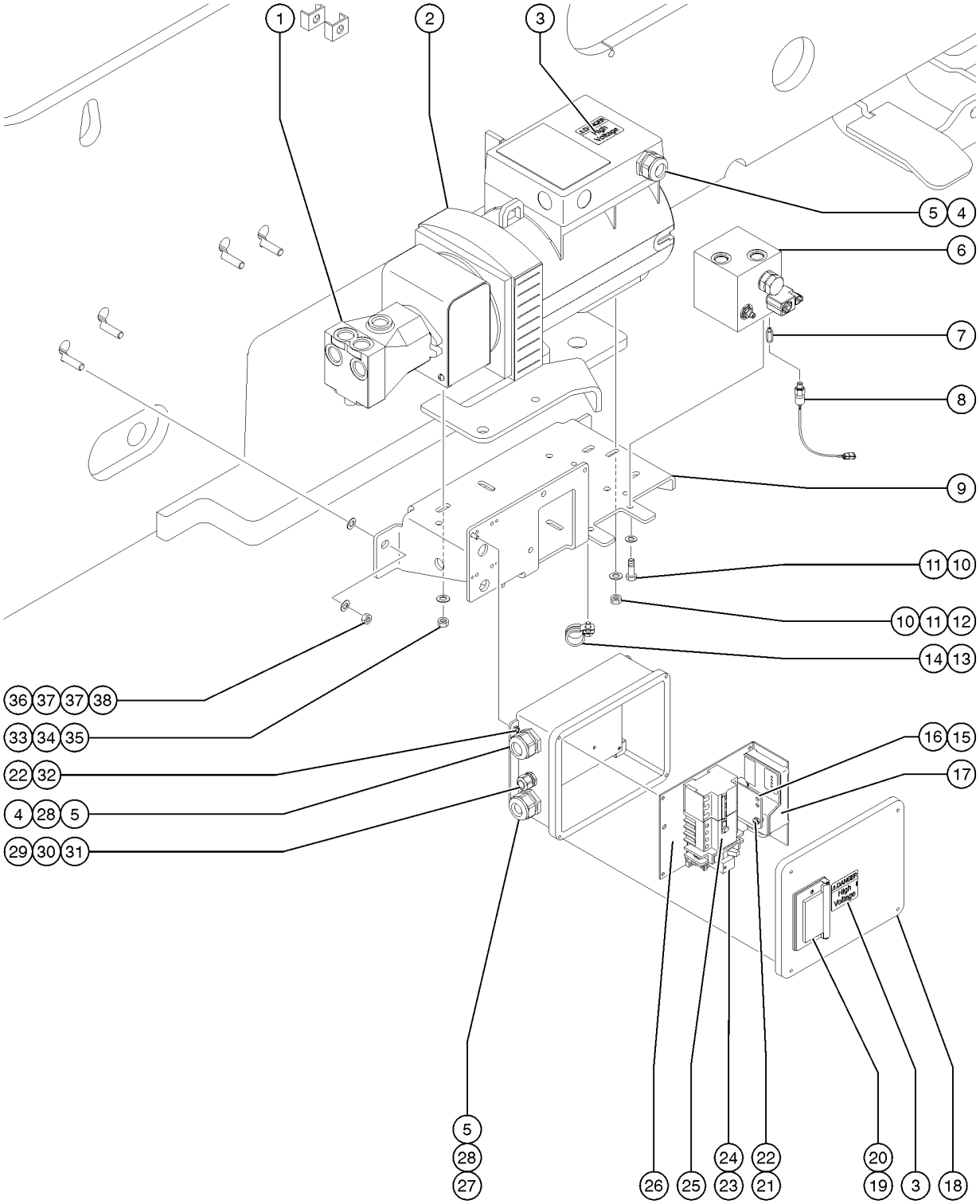
Item	Part No.	Description	Qty.
19	6097GT	WASHER, FLAT, USS, 3/8", Y	
20	8516GT	SCREW, HCC, 3/8-16 X 1.50	

812.1 Air Line to Platform



Item	Part No.	Description	Qty.
	34106-SGT	AIR TO PLATFORM,1/2"ID	
	44981GT	DECAL,LABEL,AIRLINE 110 PSI	
1	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	
2	49212GT	FEMALE BULKHEAD CONNECTOR-8	
3	49177-119794GT	HOSE ASSEMBLY,1/2"	1
4	60886PGT	BRACKET,AIRLINE TO PLATFORM	1
5	49215GT	MPT,CPLR,1/4"SER,3/8"X18	

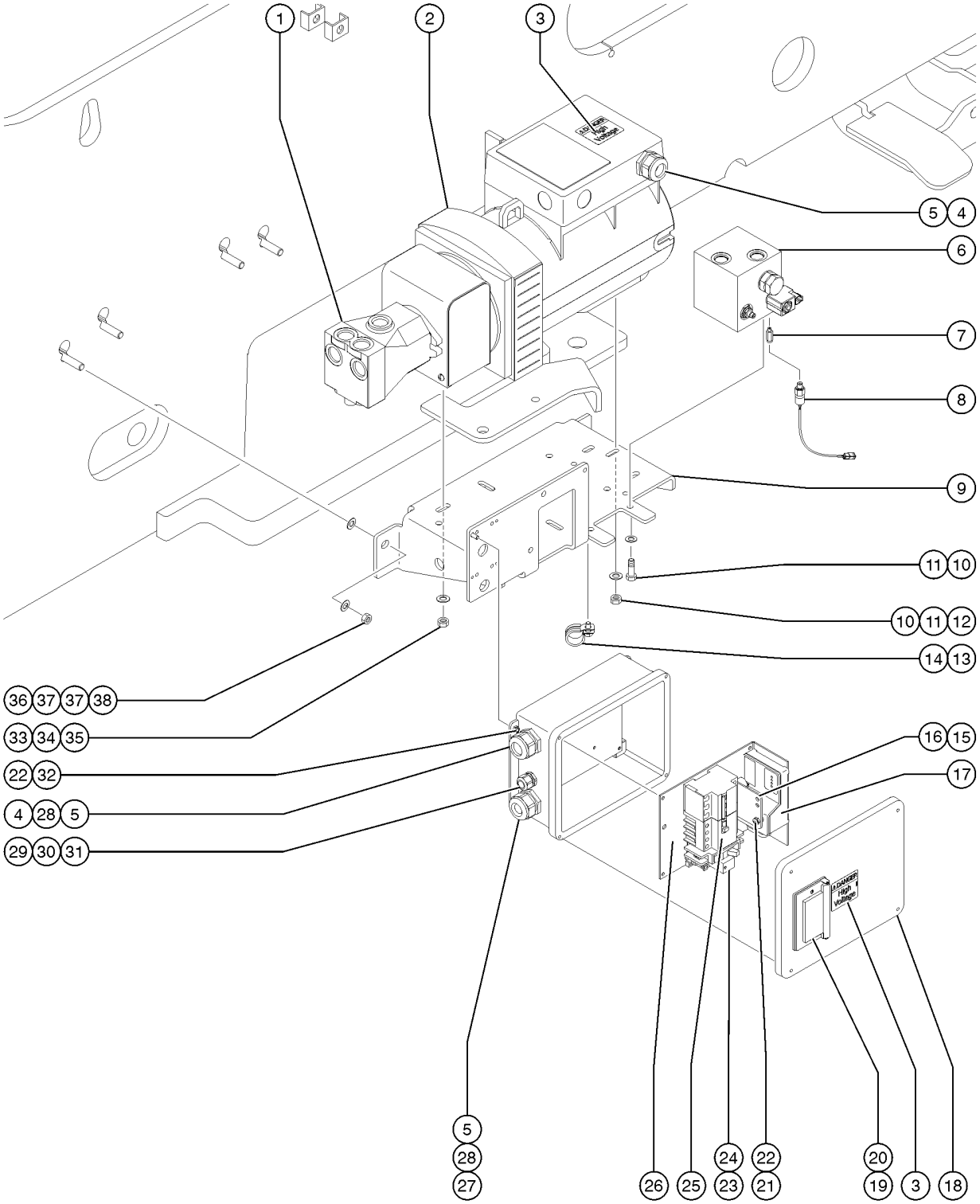
813.1 Welder Option, Chassis Components - View 1



813.1 Welder Option, Chassis Components - View 1

Item	Part No.	Description	Qty.
A-	106115GT	WIRE CABLE 8 GA/4 CON.SO	1320 inches
B-	226504GT	HARNESS,HYD GENERATOR	
C-	226503GT	HARNESS,WELD GEN ENCLOSURE	
D-	110220GT	DECAL,WARNING,WELDER SAFETY	
E-	110344GT	BRUSH BOX,ASSY,GEN***	
F-		Ref. Oil Cooler (refer to 817.1)	
1	106184GT	MOTOR,HYD 12.5KW GEN,21CC***	1
1-	162006GT	SEAL KIT,HYD MOTOR(106184)	
2	106113GT	GENERATOR,HYDRO-12KEP-21-3 includes item 1	1
2-	106274GT	GENERATOR,12.5 KW,W/O MOTOR***	
2-	122300GT	COVER,WELDER GENERATOR	
2-	T113655GT	COUPLING, 28MM (106113)	
2-	T114022GT	SPIDER (106113)	
2-	T114023GT	COUPLING (106113)	
3	82237GT	DECAL,DANGER,HIGH VOLTAGE	2
4	20776GT	CABLE SQUEEZE CONN	1
5	18665GT	LOCKNUT,ELECTRIC,1" NPT	3
6	101516GT	MANIFOLD,DRIVE OIL DIVERTER	1
6-	94757GT	VALVE,CHECK,3 PSI***	
6-	128416GT	SEAL KIT	
6-	94760GT	VALVE,SOLENOID,10V,W/OUT COIL*	
6-	94765GT	COIL-10V DC***	
6-	94759GT	NUT,SOLENOID	
6-	122302GT	RELIEF,VALVE 270 PSI	
6-	102746GT	VALVE,PILOT OPER DIRECTIONAL	
6-	106394GT	ORIFICE DISC,.030,CONE	
7	146285GT	CONN, SAE#4-1/4" NPT	

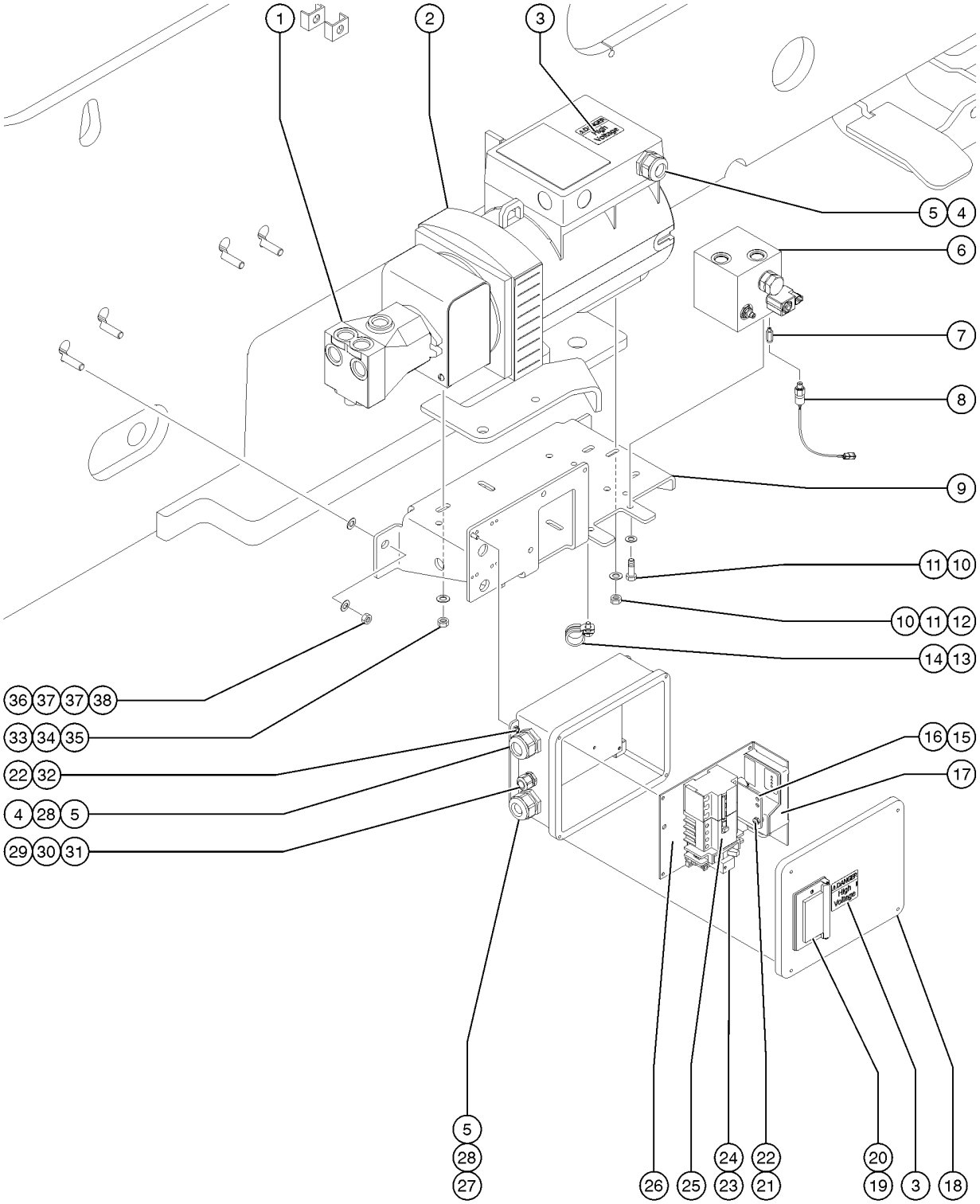
813.1 Welder Option, Chassis Components - View 1



813.1 Welder Option, Chassis Components - View 1

Item	Part No.	Description	Qty.
8	146284GT	SWITCH,PRESS,#4NPT,200PSIF for first time replacement, order service kit 1271398GT.	1
8B	1271398GT	KIT,GEN. PRESSURE SWITCH includes pressure switch, hose, fittings and installation instructions	
9	102276PGT	BRACKET,GENERATOR 12KW,PTD	1
10	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
11	5397GT	WASHER, FLAT, USS, 5/16-18	
12	6782GT	NUT, NYLOCK, 5/16-18	
13	49863GT	CLAMP,1.13,#18 X 3/8,RUB CUSH*	1
14	10107GT	SCREW,HHC,5/16-18 X .75	
15	106140PGT	BRACKET,1K OHM 10-TURN POT,PNT	1
16	102357GT	POTENTIOMETER ASSY, WELDER	1
17	106658GT	MODULE,SX CONTROLLER,LOW AMP	1
18	1291283GT	ASSY,ENCLOSURE W/DECAL,WELDER,GEN includes items 15-31	1
19	74006GT	COVER,GFCI,HORIZONTAL,WEATHER includes mounting hardware	1
20	13585GT	OUTLET, 110V	1
21	6889GT	NUT,LP NYLOCK,1/4-20	
22	36294GT	SCREW,HHC,1/4-20 X 2.75	
23	33607GT	RELAY,OMRON,DPDT,12V	1
24	33608GT	RELAY,SOCKET,OMRON	1
25	106477GT	GFI/CIRCUIT BREAKER ASSEMBLY	1
25-	227425GT	CIRCUIT BREAKER, 35A 3PH	
25-	106375GT	GFCI,50A, 3PH	
26	102314GT	PANEL, ENCLOSURE, LINCO WELDER	1
27	20776GT	CABLE SQUEEZE CONN	1
28	106104GT	O-RING,SEAL RING,1" NPT (PKG)	2
29	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
30	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
31	56237GT	O-RING,ORFS,-12	1
32	6090GT	SCREW, HHC, 1/4-20 X .75	

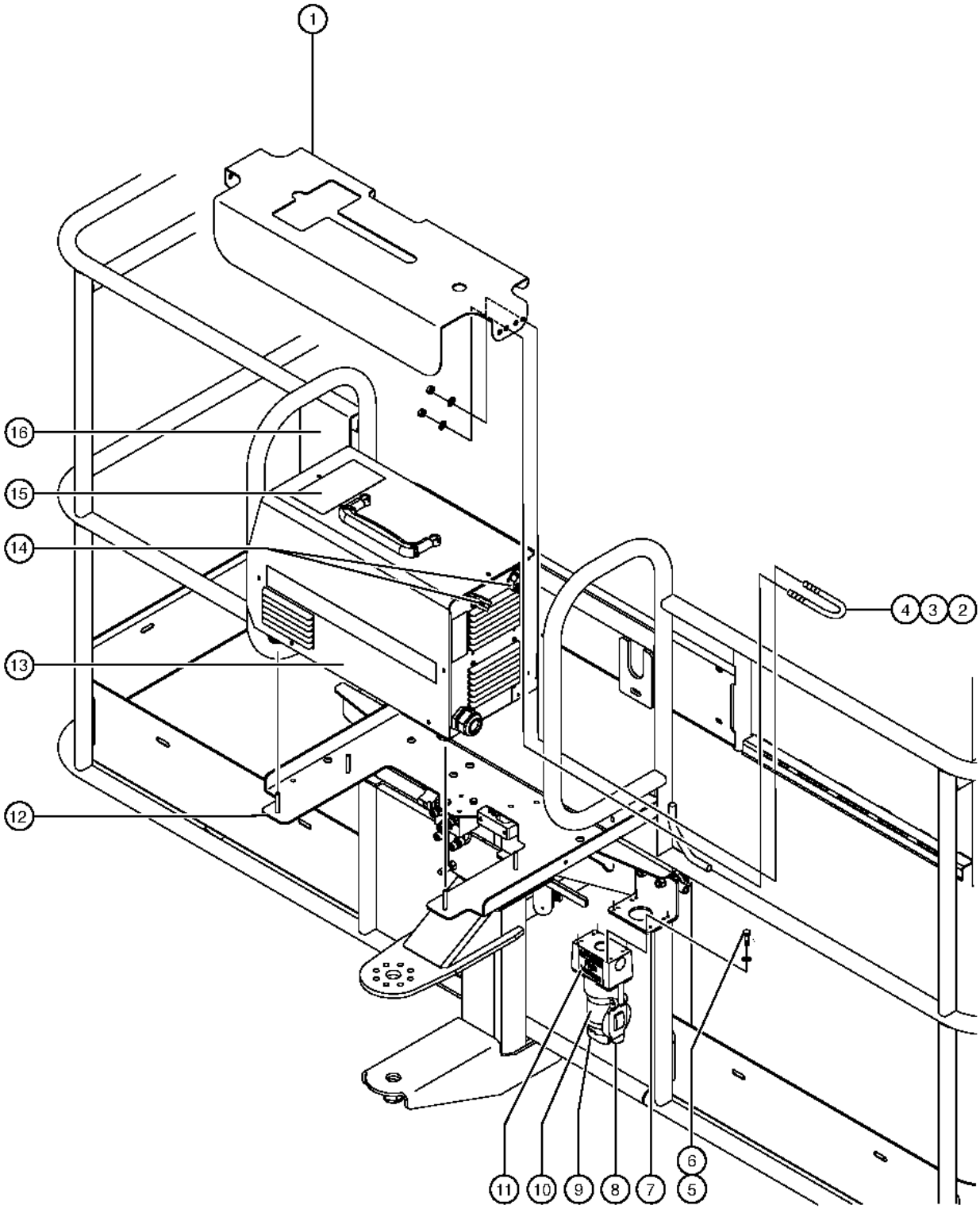
813.1 Welder Option, Chassis Components - View 1



813.1 Welder Option, Chassis Components - View 1

Item	Part No.	Description	Qty.
33	4828GT	NUT, NYLOCK, 3/8-16	
34	6097GT	WASHER, FLAT, USS, 3/8", Y	
35	8516GT	SCREW, HCC, 3/8-16 X 1.50	
36	6198GT	NUT, NYLOCK, 1/2-13	
37	13066GT	WASHER,FLAT,.5 HARDENED	4
38	39479GT	SCREW,HHC,1/2-13 X 2.75	

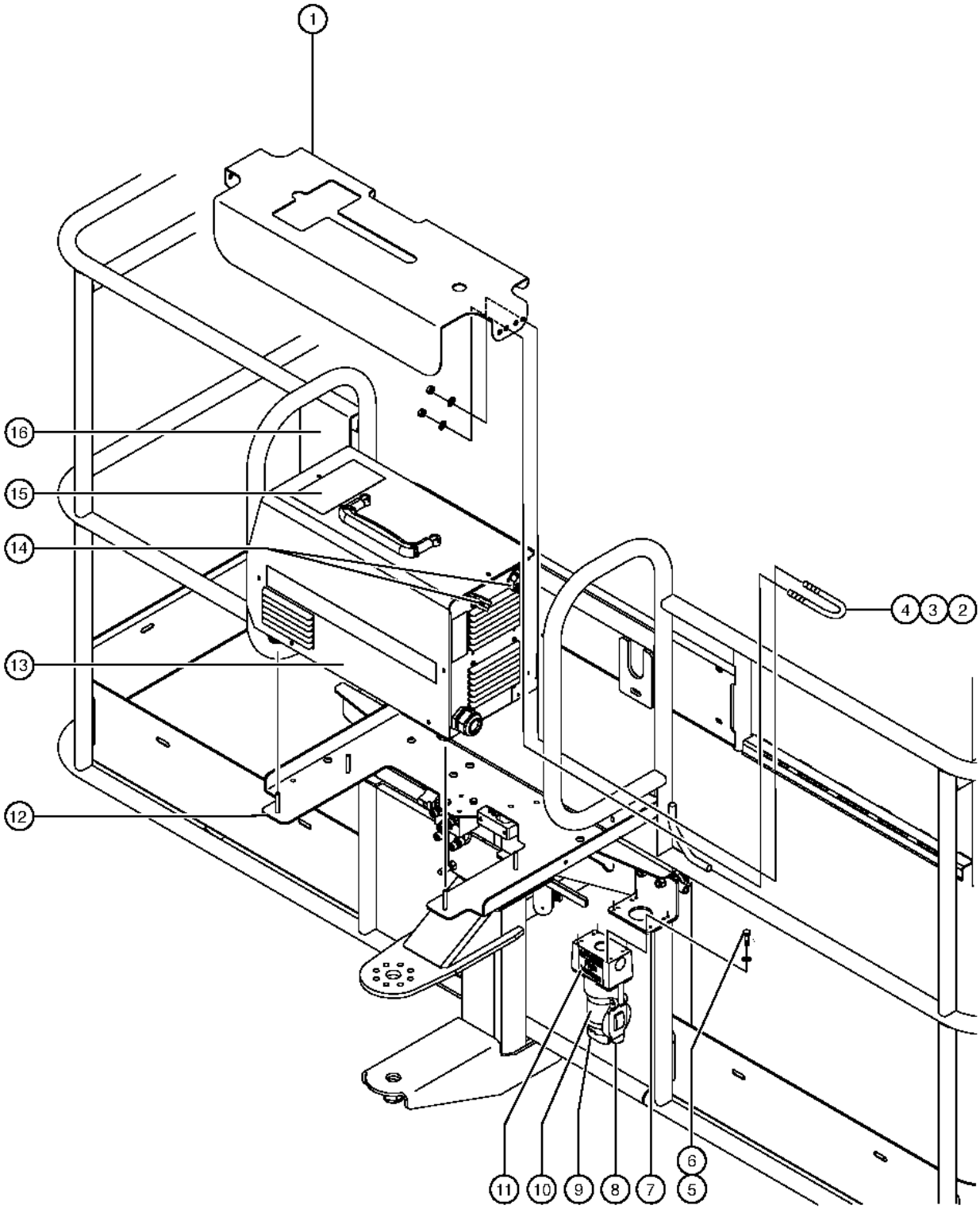
814.1 Welder Option, Platform Components - View 2, S-80



814.1 Welder Option, Platform Components - View 2, S-80

Item	Part No.	Description	Qty.
	110276GT	FIRE SLEEVE, 1.25" Qty. 2	25 inches
	28443GT	CABLE TIE, 11.5" BLACK	
	88406GT	FIRE EXTINGUISHER	
	82862GT	DECAL,FIRE EXTINGUISHER	
	97579GT	DECAL,DANGER,TIP-OVER,WELDER**	
	133518GT	DECAL, PATCH, GEN,ALC-500	
	110220GT	DECAL,WARNING,WELDER SAFETY	
	229925GT	ADAPTER,WELDER,208-220	
1	101547PGT	BRACKET,WELDER SUPPORT,PNT	1
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	6550GT	U-BOLT,3/8 X 1 YZ	2
5	47363GT	SCREW,RHM,8-32 X .50	
6	35461GT	WASHER,FLAT,MS,#8,Y	
7	101731PGT	BRACKET,POWER TO PLAT TBOX,PNT	1
7-	4828GT	NUT, NYLOCK, 3/8-16	
7-	5397GT	WASHER, FLAT, USS, 5/16-18	
7-	6550GT	U-BOLT,3/8 X 1 YZ	
8	101732GT	COVER,WEATHERPROOF 3-PHASE	1
9	106112GT	PLUG,4-WIRE,3-PHASE,50A,MALE	1
10	106110GT	T-BOX,2.75X4.5X2.63,3PH	1
10-	106111GT	RECEPTCL,LOCK 3-PH,50A,4 WIRE	
11	82237GT	DECAL,DANGER,HIGH VOLTAGE	2
12	102408PGT	BRACKET,LINCOLN WELDER,PNTD	1
12-	102409PGT	BRACKET,WELDER MNT SUPPORT,PNT	
12-	106044GT	U-BOLT,3/8-16X4X4.63X3.00	
13	4828GT	NUT, NYLOCK, 3/8-16	

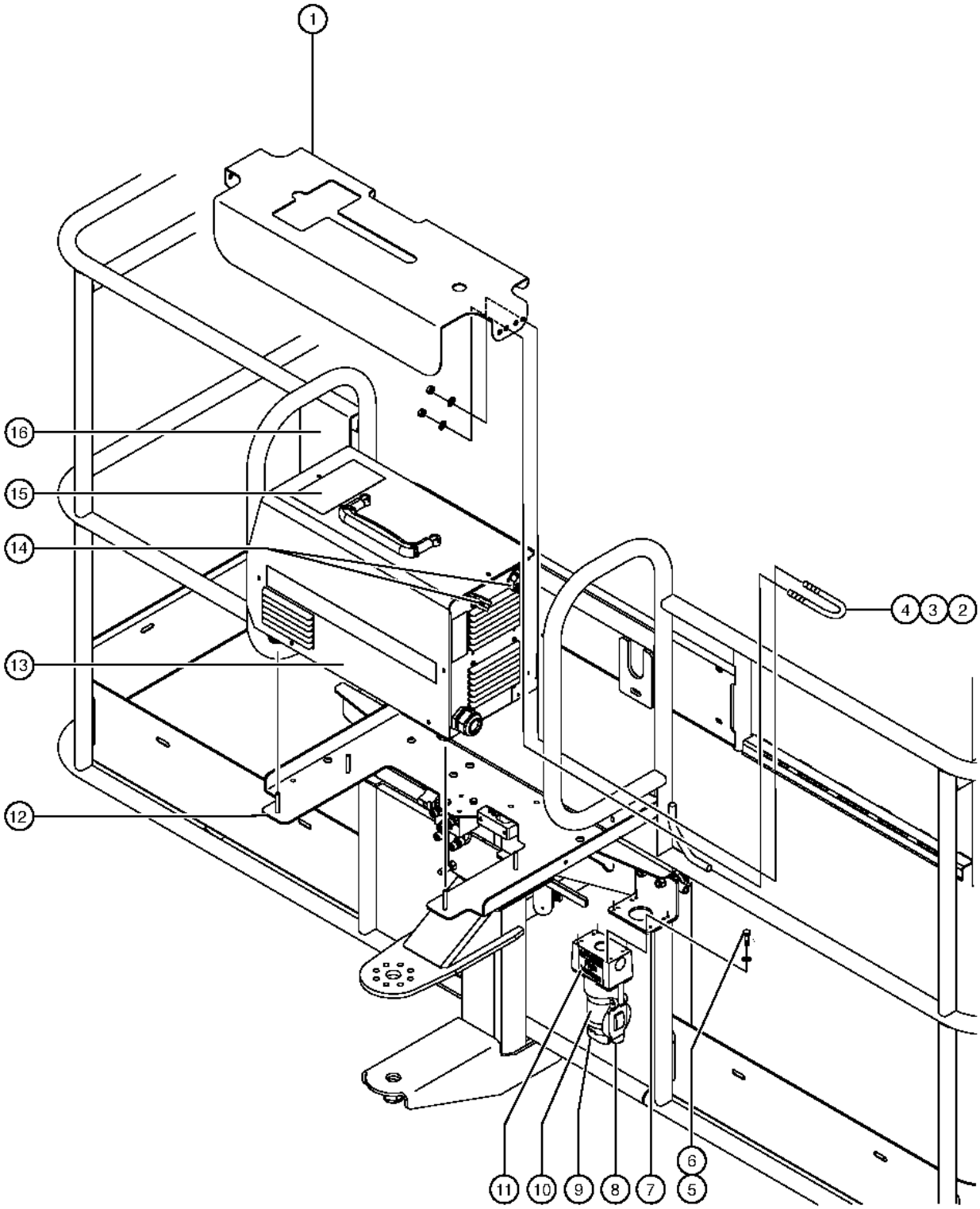
814.1 Welder Option, Platform Components - View 2, S-80



814.1 Welder Option, Platform Components - View 2, S-80

Item	*Part No.*	*Description*	*Qty.*
13-	5397GT	WASHER, FLAT, USS, 5/16-18	
13-	106043GT	SCREW,SECURITY,5/16-18X1.00	
13-	6782GT	NUT, NYLOCK, 5/16-18	
13-	101525GT	WELDER,INVERTEC V275-S	1
13-	106275GT	KIT,WELD LEADS ASSY,V275S includes both cables	
13-	106183GT	FUSE,.6AMP,250V,WELDER,V275S	
13-	106141GT	SCREW,SECURITY,1/4-20 X 1.75LG	
14	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	2
15	110220GT	DECAL,WARNING,WELDER SAFETY	1
16	106204PGT	BRACKET,V275S WELD LEADS	1

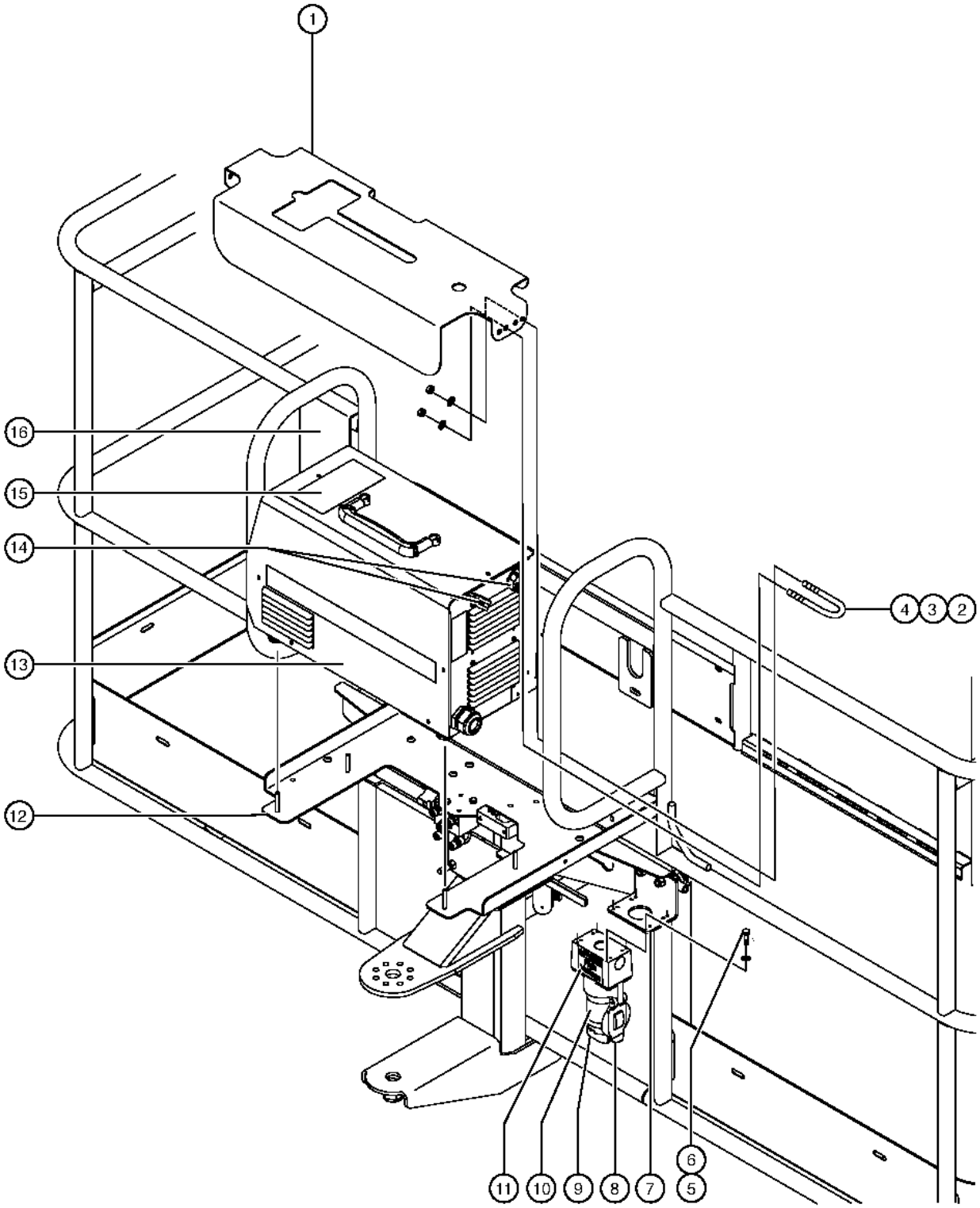
814.2 Welder Option, Platform Components - View 2, S-85



814.2 Welder Option, Platform Components - View 2, S-85

Item	Part No.	Description	Qty.
	110276GT	FIRE SLEEVE, 1.25"	30 inches
	110276GT	FIRE SLEEVE, 1.25"	15 inches
	110276GT	FIRE SLEEVE, 1.25"	28 inches
	110276GT	FIRE SLEEVE, 1.25"	35 inches
	110276GT	FIRE SLEEVE, 1.25"	50 inches
	28443GT	CABLE TIE, 11.5" BLACK	
	88406GT	FIRE EXTINGUISHER	
	82862GT	DECAL,FIRE EXTINGUISHER	
	97579GT	DECAL,DANGER,TIP-OVER,WELDER**	
	133518GT	DECAL, PATCH, GEN,ALC-500	
	110220GT	DECAL,WARNING,WELDER SAFETY	
	229925GT	ADAPTER,WELDER,208-220	
1	101547PGT	BRACKET,WELDER SUPPORT,PNT	1
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	6550GT	U-BOLT,3/8 X 1 YZ	2
5	47363GT	SCREW,RHM,8-32 X .50	
6	35461GT	WASHER,FLAT,MS,#8,Y	
7	101731PGT	BRACKET,POWER TO PLAT TBOX,PNT	1
7-	4828GT	NUT, NYLOCK, 3/8-16	
7-	5397GT	WASHER, FLAT, USS, 5/16-18	
7-	6550GT	U-BOLT,3/8 X 1 YZ	
8	101732GT	COVER,WEATHERPROOF 3-PHASE	1
9	106112GT	PLUG,4-WIRE,3-PHASE,50A,MALE	1
10	106110GT	T-BOX,2.75X4.5X2.63,3PH	1

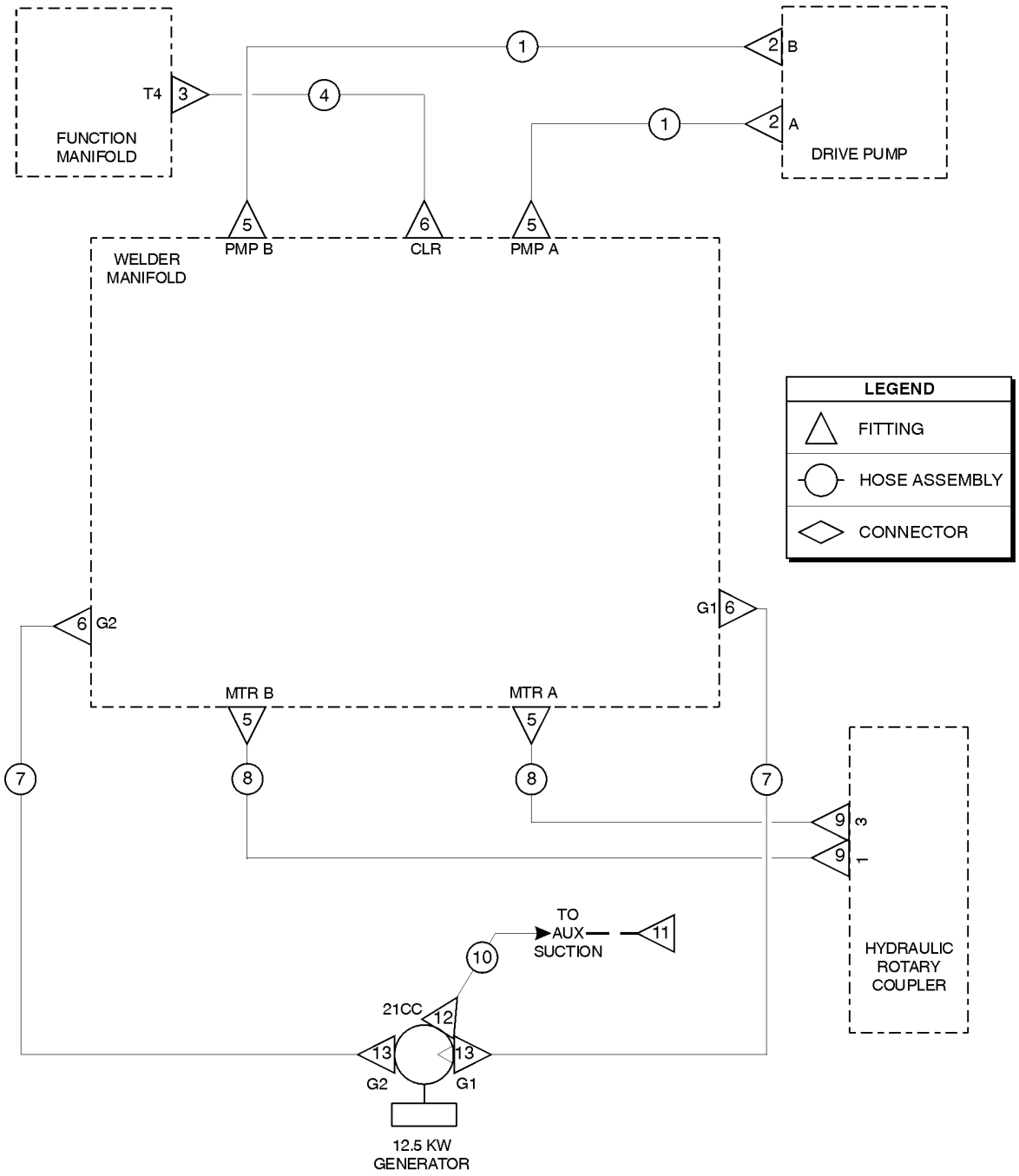
814.2 Welder Option, Platform Components - View 2, S-85



814.2 Welder Option, Platform Components - View 2, S-85

Item	Part No.	Description	Qty.
10-	106111GT	RECEPTCL,LOCK 3-PH,50A,4 WIRE	
11	82237GT	DECAL,DANGER,HIGH VOLTAGE	2
12	102408PGT	BRACKET,LINCOLN WELDER,PNTD	1
12-	102409PGT	BRACKET,WELDER MNT SUPPORT,PNT	
12-	106044GT	U-BOLT,3/8-16X4X4.63X3.00	
13	4828GT	NUT, NYLOCK, 3/8-16	
13-	5397GT	WASHER, FLAT, USS, 5/16-18	
13-	106043GT	SCREW,SECURITY,5/16-18X1.00	
13-	6782GT	NUT, NYLOCK, 5/16-18	
13-	101525GT	WELDER,INVERTEC V275-S	1
13-	106275GT	KIT,WELD LEADS ASSY,V275S includes both cables	
13-	106183GT	FUSE,.6AMP,250V,WELDER,V275S	
13-	106141GT	SCREW,SECURITY,1/4-20 X 1.75LG	
14	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	2
15	110220GT	DECAL,WARNING,WELDER SAFETY	1
16	106204PGT	BRACKET,V275S WELD LEADS	1

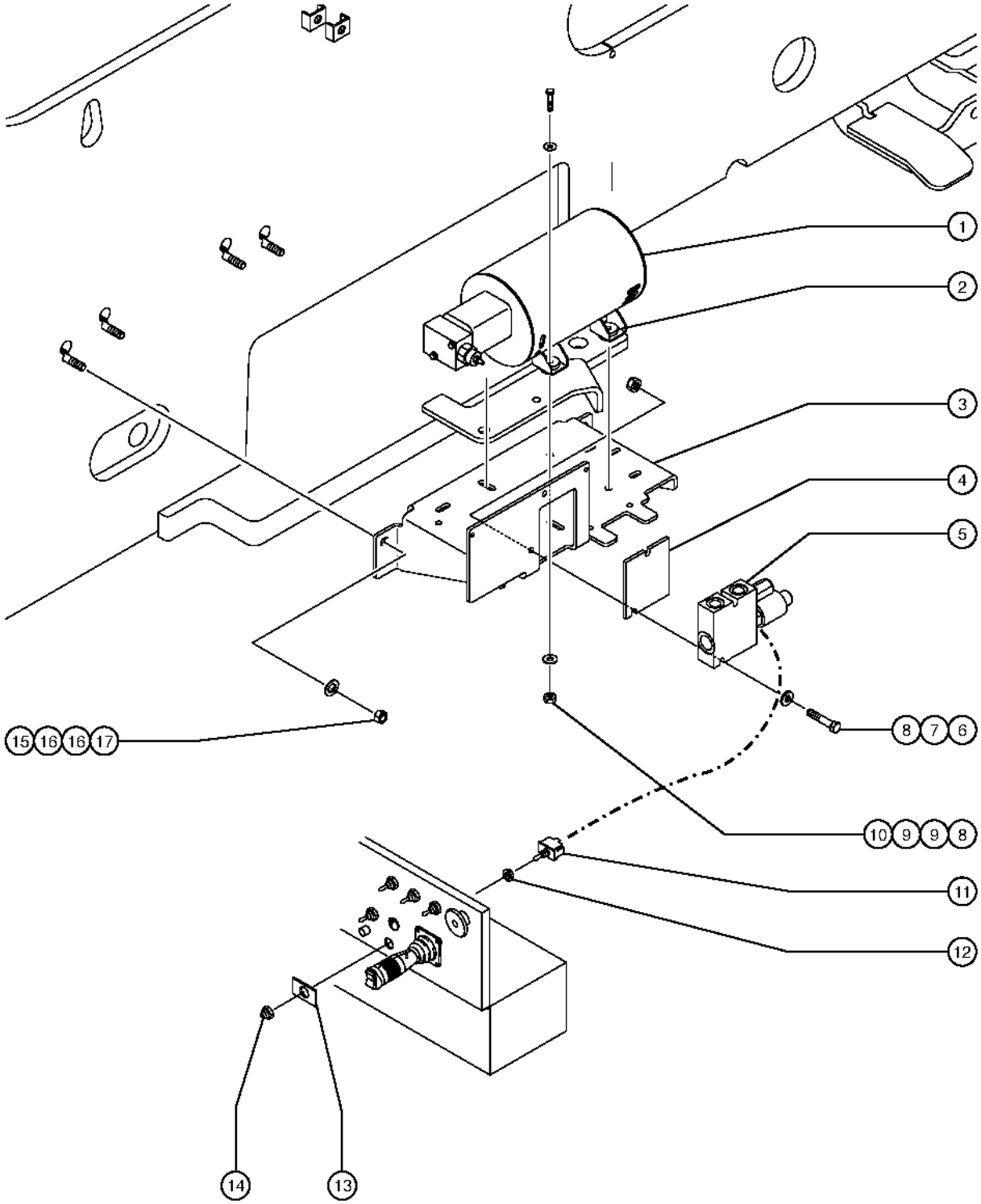
815.1 Welder Option, Hoses and Fittings - View 3



815.1 Welder Option, Hoses and Fittings - View 3

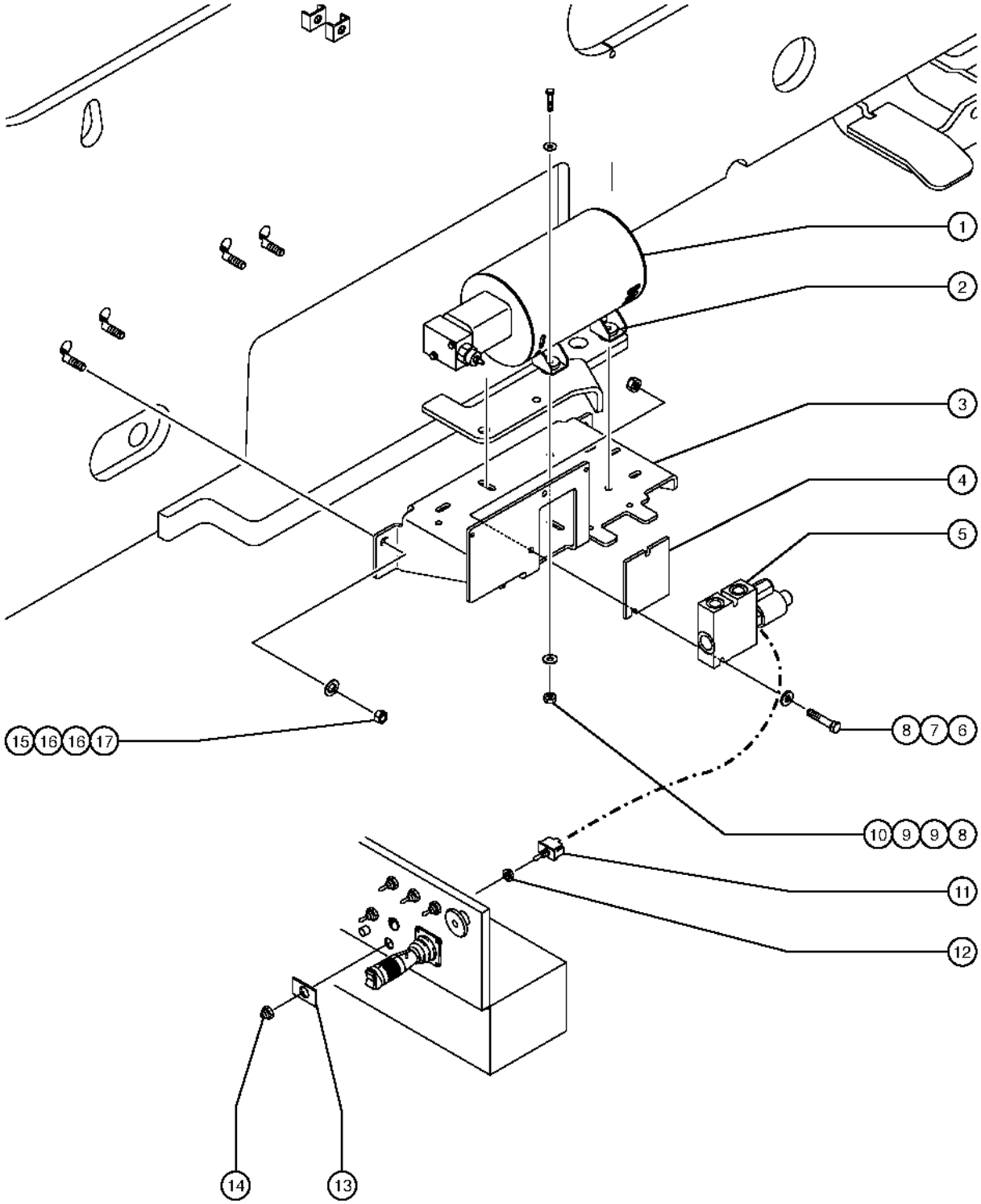
Item	Part No.	Description	Qty.
1	102313-3126GT	HOSE ASSY,3/4" HYD,45F,STRF	2
2	48978GT	ELBOW,45D,520320-12-16 to SN 3803	2
2-	48976GT	ELBOW,90D,520220-12-16 from SN 3804	
3	48961GT	TEE,RUN,520428-12	1
4	61070-8652GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
5	48960GT	FITTING,CONN,520120-12***	4
6	48933GT	CONN,520120-8***	1
7	102312-2088GT	HOSE ASSEMBLY,3/4",-10-12 90F,	2
8	94374-3930GT	HOSE ASSY,3/4,90 FEM,STR FEM	2
9	48963GT	FITTING,ELBOW,45D,520320-12*** to SN 3803	2
9-	48960GT	FITTING,CONN,520120-12*** from SN 3804	
10	49164-4743GT	HOSE ASSY, 1/4",90 F,STR F	1
11	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	1
12	48948GT	CONN,520120-8-12	1
13	48958GT	CONN,520120-10-12	2

816.1 Hydraulic Generator Option, Continental TME-27 Engine



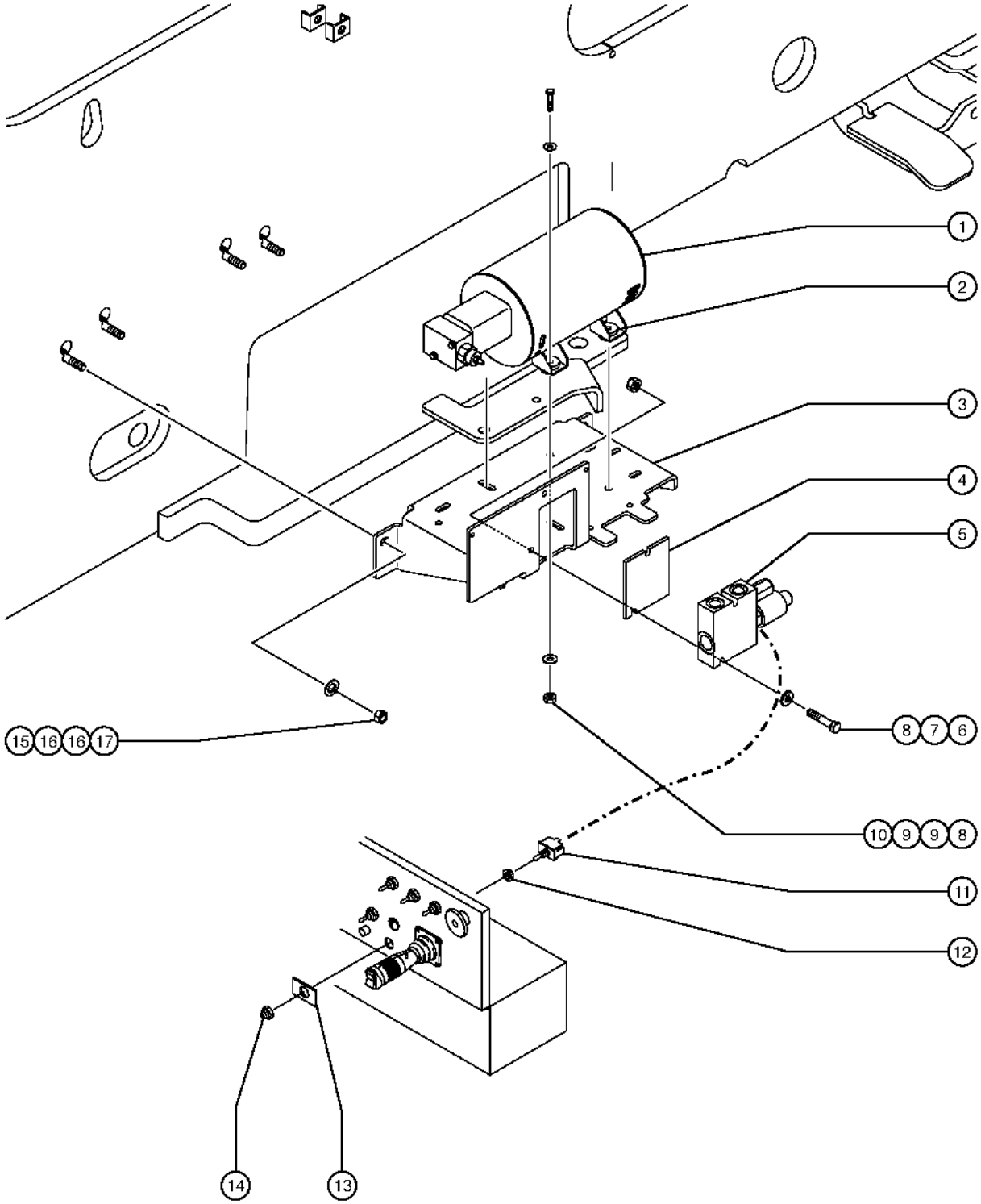
Item	Part No.	Description	Qty.
	112119GT	DECAL OPTION,NIKKEN,GS68	
	226503GT	HARNESS,WELD GEN ENCLOSURE	
	102746GT	VALVE,PILOT OPER DIRECTIONAL	
1	36928GT	GENERATOR,2500W HYD.220/50HZ	1
1A-	32735GT	VALVE,PRI. FLOW REG 4.3 for 2000W & 2500W generators	
1A-	32732GT	RECTIFIER ASSEMBLY	
1A-	58402GT	BRIDGE,50A FULL WAVE**	
1A-	89719GT	BRUSH ENDBELL ASSEMBLY (89719)	
1A-	52085GT	BRUSH HOLDER ASSY, 2500W GENER	
1A-	T111608GT	SEAL,RETAINING RING for pump	
1A-	T111609GT	SEAL,SHAFT for pump	
1A-	T111610GT	SPACER for pump	
1A-	T111611GT	BEARING,MOTOR for pump	
1A-	T111612GT	RETAINING RING for pump	
1A-	T111613GT	SHAFT,MOTOR for pump	
1A-	147836GT	SEAL, GASKET, .00075" *GOLD* for pump	
1A-	147837GT	SEAL, GASKET, .0005" *SILVER* for pump	
1A-	147838GT	SEAL, GASKET, .0010" for pump	
1A-	32736GT	MOTOR,HYDRAULIC GENERATOR	
1A-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
1A-	58954GT	O-RING,SPACER #115***	
1B	111381GT	GEN,HYD,3000W,110V,60HZ	1
1B-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
1B-	65841GT	PRIORITY FLOW CONTROL VALVE*** for 3000W generators	
1B-	111987GT	CONN,8 POS PLUG 120 AC/15A	
1B-	32732GT	RECTIFIER ASSEMBLY	
1B-	58402GT	BRIDGE,50A FULL WAVE**	
1B-	52000GT	BRUSH ASSEMBLY	

816.1 Hydraulic Generator Option, Continental TME-27 Engine



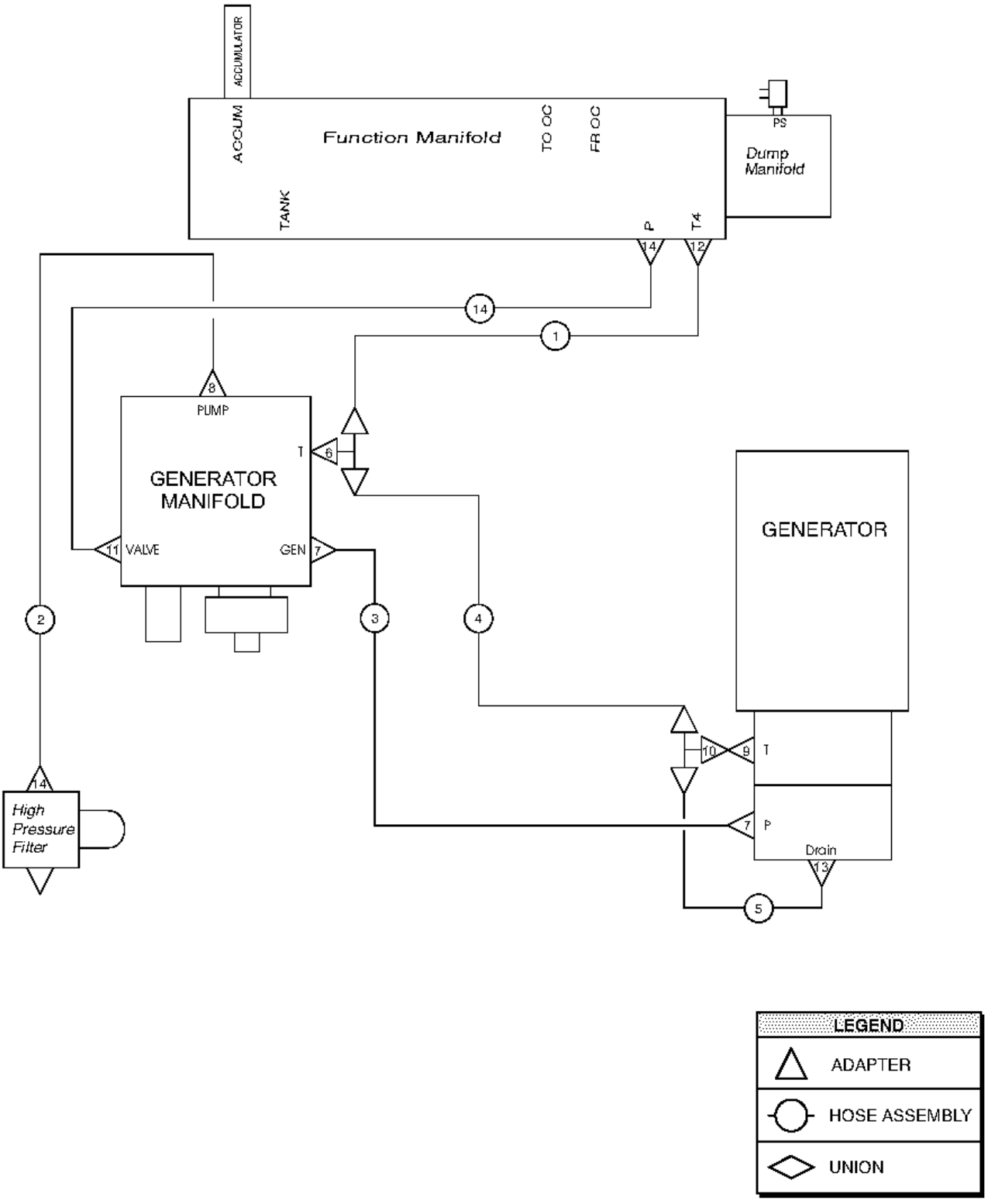
Item	Part No.	Description	Qty.
1B-	52001GT	HYDRAULIC MOTOR 3000W GENER	
1B-	T111608GT	SEAL,RETAINING RING for pump	
1B-	T111609GT	SEAL,SHAFT for pump	
1B-	T111610GT	SPACER for pump	
1B-	T111611GT	BEARING,MOTOR for pump	
1B-	T111612GT	RETAINING RING for pump	
1B-	T111613GT	SHAFT,MOTOR for pump	
1B-	58954GT	O-RING,SPACER #115*** for pump	
1B-	147836GT	SEAL, GASKET, .00075" *GOLD* for pump	
1B-	147837GT	SEAL, GASKET, .0005" *SILVER* for pump	
1B-	147838GT	SEAL, GASKET, .0010" for pump	
1B-	147839GT	ASSM, GEN. ONLY, 110V, 60HZ	
2	84080GT	ISOLATR KIT,RUBBR,2KW GENERATR	4
3	102276PGT	BRACKET,GENERATOR 12KW,PTD	1
4	122100GT	SPACER,HYD GEN MANIFOLD	1
5	53976GT	MANIFOLD,GENERATOR	1
5-	31529GT	VALVE,RELIEF 2400 PSI***	
5-	19969GT	VALVE,SOLENOID (18660)***	
5-	27535GT	COIL,12V.DO1 VALVE use until exhausted	
5-	56445GT	DIODE,6 AMP 200 PIV,REEL	
5-	45914GT	O-RING, DO1 VALVE	
5-	33568GT	NUT, CP521-1 VALVE	
5-	110198GT	SEAL KIT, VALVE, #12	
6	14033GT	SCREW, HHC, 3/8-16 X 2.75	
7	6097GT	WASHER, FLAT, USS, 3/8", Y	
8	4828GT	NUT, NYLOCK, 3/8-16	
9	5397GT	WASHER, FLAT, USS, 5/16-18	
10	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	4

816.1 Hydraulic Generator Option, Continental TME-27 Engine



Item	Part No.	Description	Qty.
11	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners	1
12	54692GT	SPACER,NYLON,.718 X .526 X.219	1
13	133518GT	DECAL, PATCH, GEN,ALC-500	1
14	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
15	6198GT	NUT, NYLOCK, 1/2-13	
16	6095GT	WASHER,FLAT,USS,1/2",Y	
17	39479GT	SCREW,HHC,1/2-13 X 2.75	

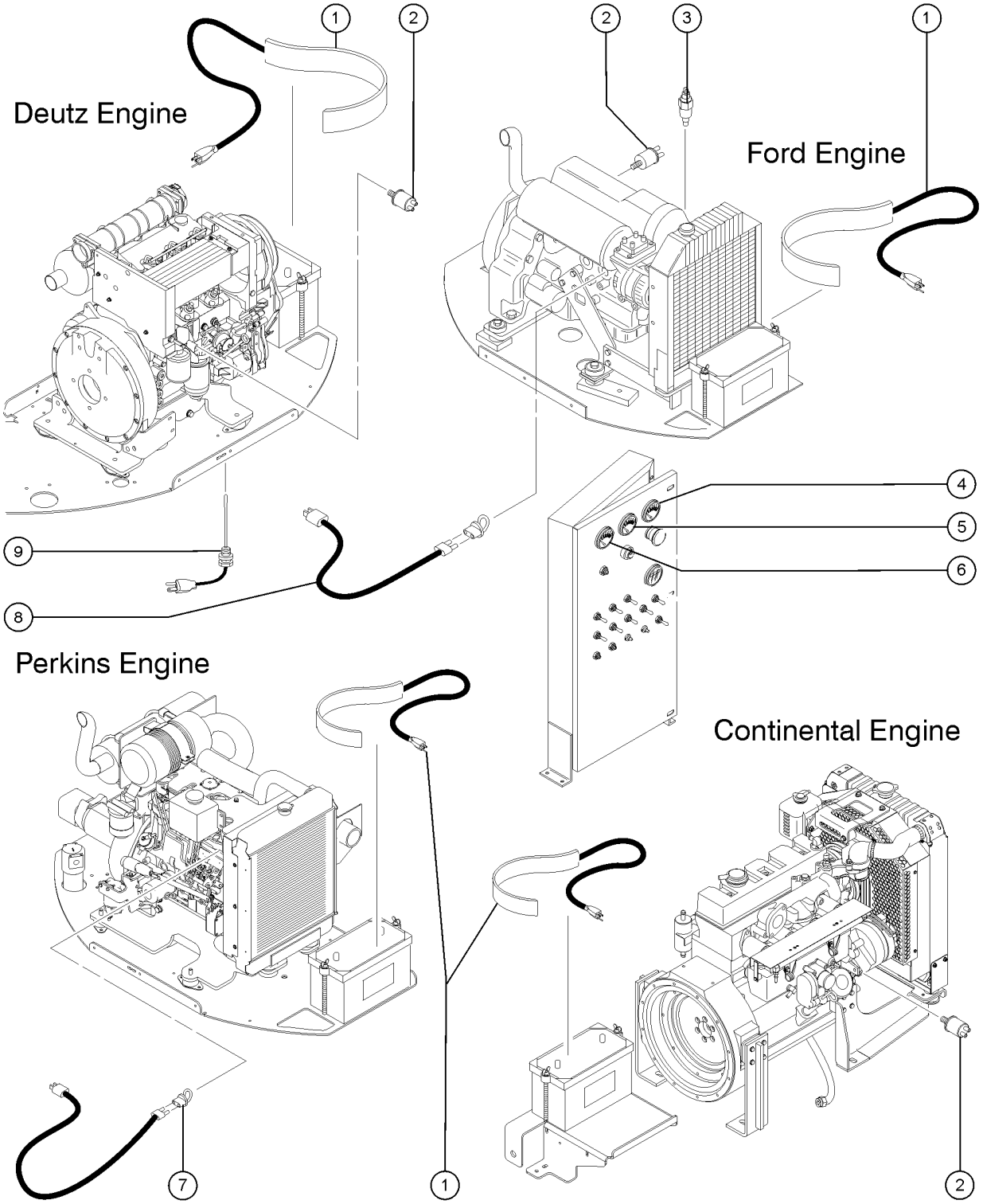
817.1 Hydraulic Generator Option, Continental TME-27 Engine, Hoses and Fittings



817.1 Hydraulic Generator Option, Continental TME-27 Engine, Hoses and Fittings

Item	*Part No.*	*Description*	*Qty.*
1	49143-10029GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
2	94374-6430GT	HOSE ASSY,3/4,45 FEM,STR FEM	1
3	49143-2429GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
4	49143-2729GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
5	49164-1543GT	HOSE ASSY 1/4,90 DEG FEM,STR F	1
6	48936GT	TEE,BRANCH,520429-8	1
7	48932GT	FITTING,ELBOW,90D,520220-8***	2
8	48959GT	FITTING,ELBOW,90D,520220-12	1
9	48946GT	CONN,520120-8-10	1
10	48939GT	TEE,BRANCH,520433-8	1
11	48963GT	FITTING,ELBOW,45D,520320-12***	1
12	48933GT	CONN,520120-8***	1
13	48904GT	ELBOW, 90D, 520220-4	1
14		Ref. Hoses and Fittings (refer to 710.1)	

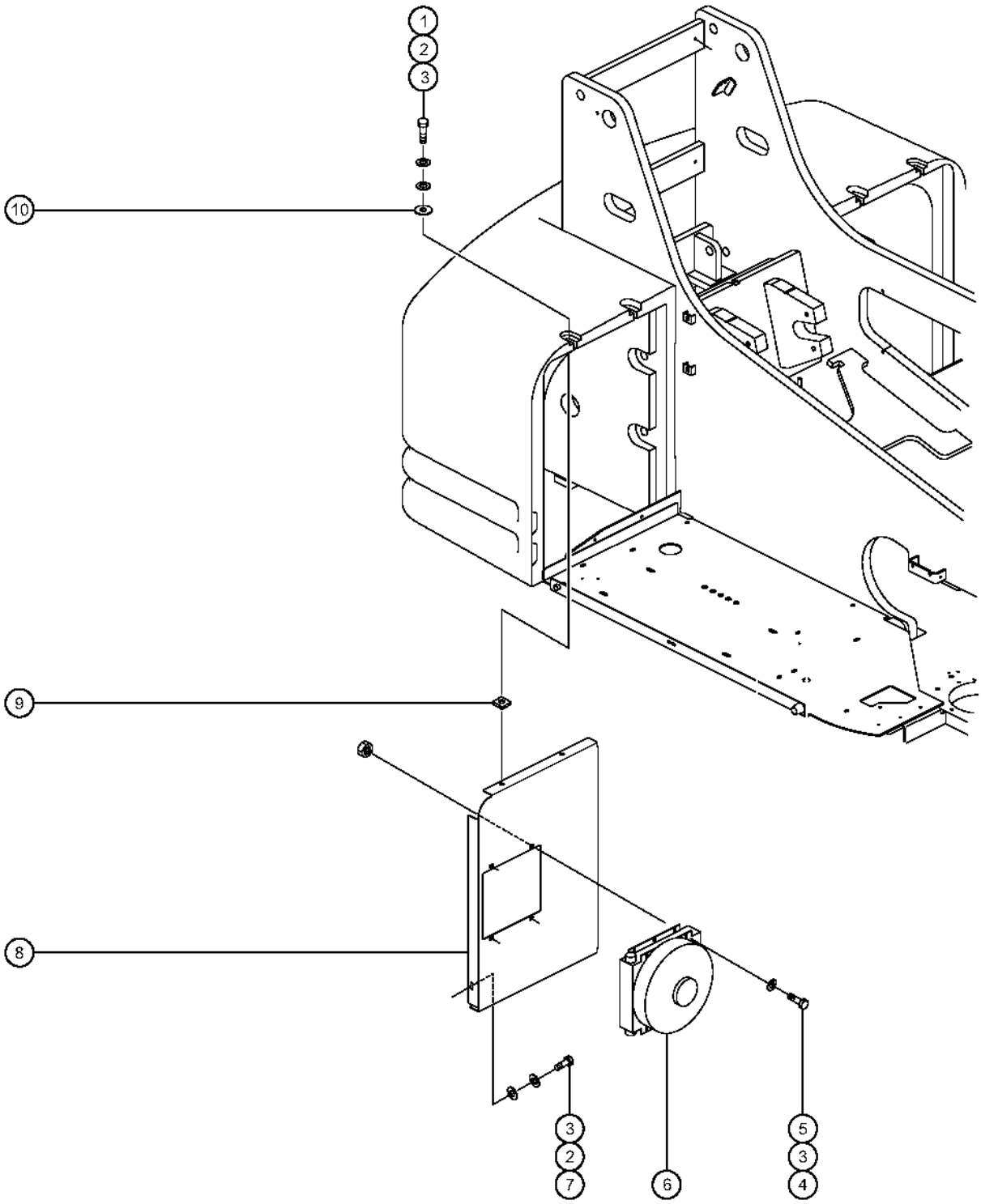
818.1 Cold Start Package and full Gauge Option



818.1 Cold Start Package and full Gauge Option

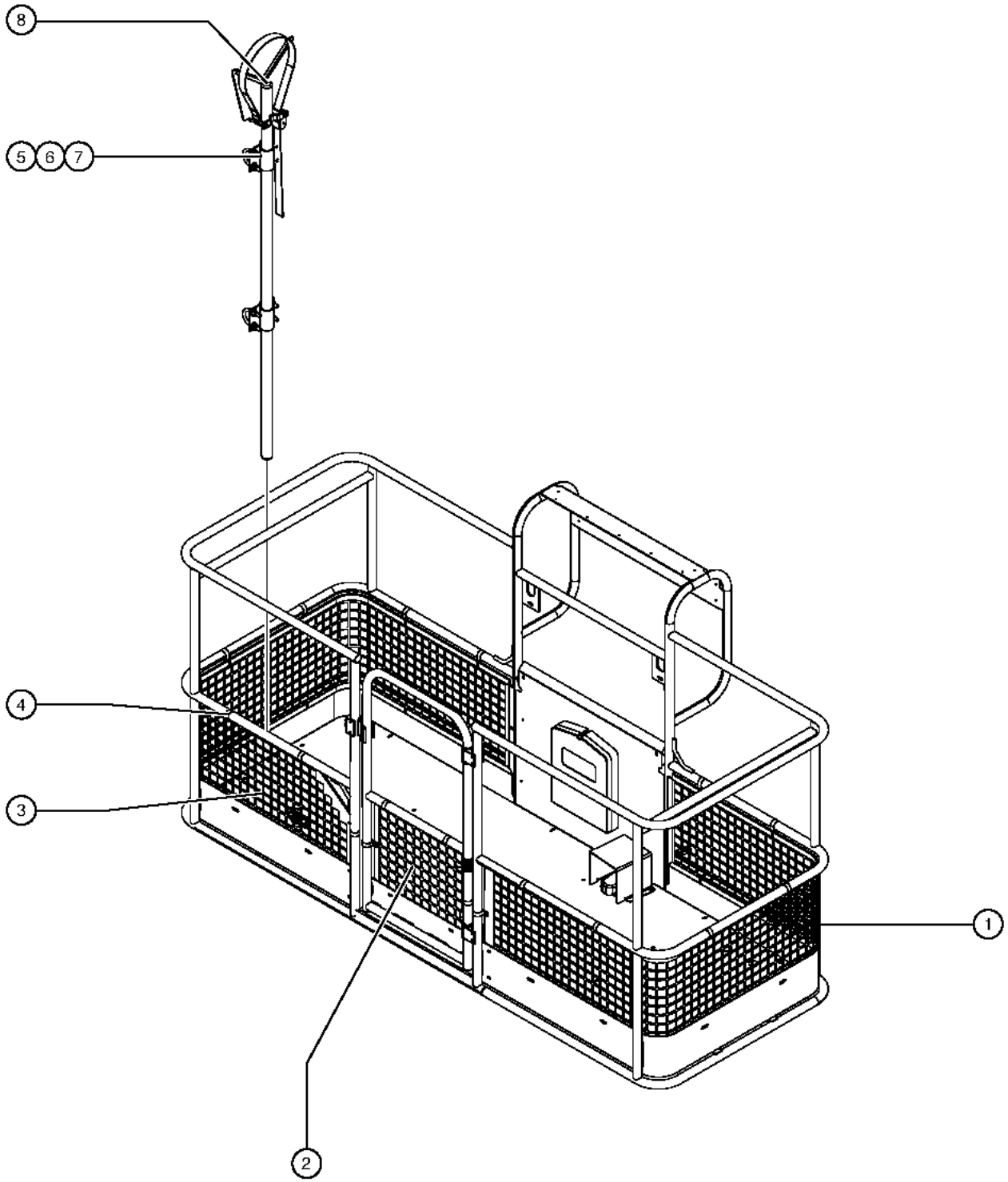
Item	Part No.	Description	Qty.
A-	53156GT	COLD START,FORD, BIG BOOM Ford models	
D-	53159-SGT	COLD START PKG,DEUTZ,BIG BOOM Deutz models, to SN 3772	
E-	122548GT	COLD START PKG,110V,DEUTZ Deutz models, from SN 3773	
G-	89404-SGT	OPTION,FULL GAUGE,FORD Ford models, includes items 2-6, from SN 3832	
H-	89406-SGT	OPTION,FULL GAUGE,PERKINS Perkins models, includes items 4-6, from SN 3738	
I-	102324-SGT	OPTION,GAUGE,DEUTZ F3L 2011 Deutz models, includes items 2, 4-6, from SN 3773	
J-	122089GT	OPTION,FULL GAUGE,CONTINENTAL Continental models, includes items 2-6	
1	61245GT	BLANKET,BATTERY	3
1	28853GT	BLANKET,BATTERY to SN 5380	
2	30810GT	SENDING UNIT,OIL PRESSURE*** dual-terminal sender	1
2-	37033GT	SENDING UNIT,OIL PRESS.,DEUTZ* Deutz models; single-terminal sender; from SN 3082 to 3772	
3	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1
4	53761-SGT	GAUGE,VOLTAGE includes mounting bracket and fasteners	1
5	53758-SGT	GAUGE,OIL PRESSURE W/O SENDER includes mounting bracket and fasteners	1
6	53759-SGT	GAUGE,WATER TEMP includes mounting bracket and fasteners, Ford and Perkins models	
6-	53760-SGT	GAUGE,OIL TEMP includes mounting bracket and fasteners, Deutz models	
7	101632GT	FREEZE PLUG HEATER,PERKINS 804 Perkins models	1
8	35610GT	HEATER,FREEZE PLUG,FORD LRG423 Ford models	
9	128274GT	OIL PAN HEATER,DEUTZ,120V,150W	1

819.1 Hydraulic Oil Cooler Option



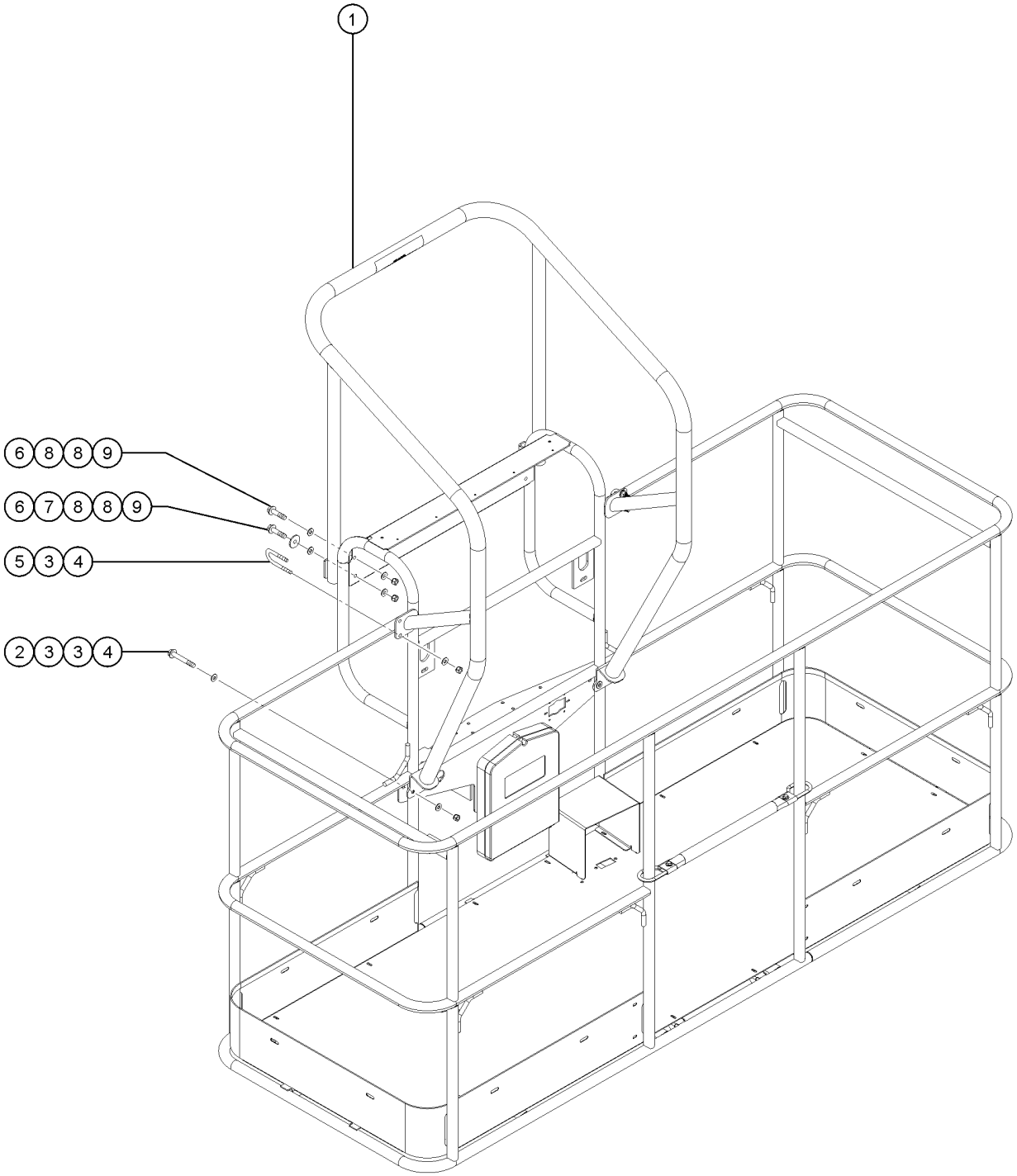
Item	Part No.	Description	Qty.
	77871-SGT	OPTION,OIL COOLER	
1	6708GT	SCREW,HHC,3/8-16 X 2.25	
2	6021GT	WASHER, LOCK, .375	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	71259GT	OIL COOLER W/FAN, 12VDC	1
6-	75854GT	FAN - VENTED	
6-	75855GT	THERMOSTAT -OIL COOLER (71259)	
7	6175GT	SCREW,HHC,3/8-16 X 1	
8	81553PGT	BAFFLE,TANK SIDE	1
9	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
10	6095GT	WASHER,FLAT,USS,1/2",Y	

820.1 Hall-Mesh and Pipe Cradle Option



Item	Part No.	Description	Qty.
	85300GT	PIPE CRADLE ASSY. SERV (ONE)**	
	72875GT	DECAL,WARNING,PIPE CRADLE,BOOM	
		Ref. Swing Gate Option, Complete (refer to 802.1)	
1	73500GT	HALF MESH,8'PLATFORM,RH***	1
1-	54465GT	MESH,HALF,RH,6'PLATFORM	
2	54457GT	MESH,HALF,SWING GATE***	
3	73501GT	HALF MESH,8'PLATFORM,LH	1
3-	54458GT	MESH,HALF,LH,6'PLATFORM	
4	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	18
4-	6090GT	SCREW, HHC, 1/4-20 X .75	
4-	6091GT	NUT,NYLOCK,1/4-20	
4-	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6550GT	U-BOLT,3/8 X 1 YZ	8
6	4828GT	NUT, NYLOCK, 3/8-16	
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4

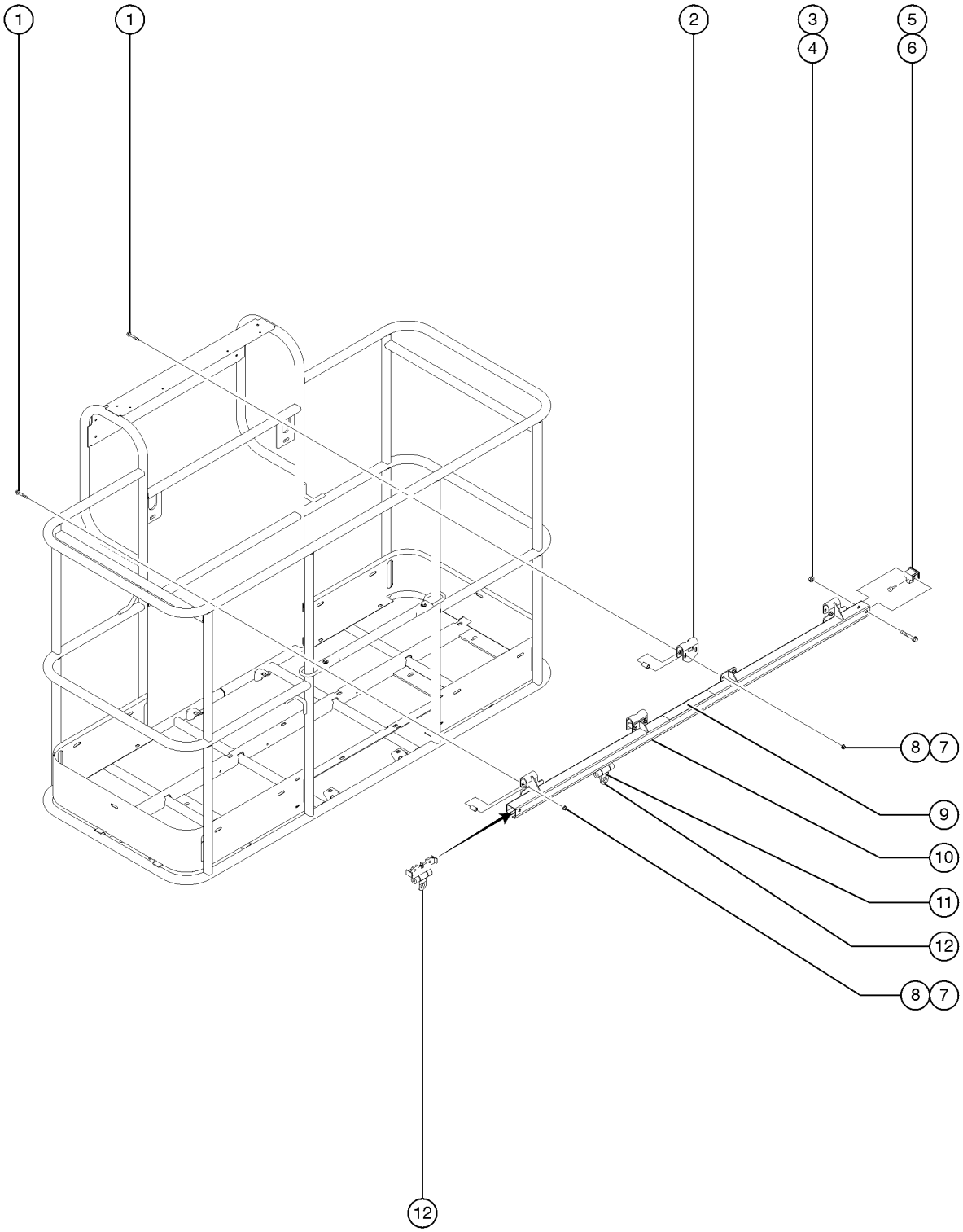
821.1 Operator Protection Structure (from SN 3445)



821.1 Operator Protection Structure (from SN 3445)

Item	*Part No.*	*Description*	*Qty.*
1	219158GT	ACCESSORY,OPERATOR PROT STRUCT (Complete) includes all fasteners	1
2	8178GT	SCREW, HHC, 3/8-16 X 2.5	4
3	6097GT	WASHER, FLAT, USS, 3/8", Y	12
4	4828GT	NUT, NYLOCK, 3/8-16	8
5	122755GT	UBOLT,FLATTENED,1.5DIAX3/8 UNC	2
6	6888GT	SCREW, HHC, 1/4-20 X 1	4
7	15086GT	WASHER,FLAT,.375 X 1.5 X .125 Use only with the platform control box cover option	2
8	6638GT	WASHER, FLAT, USS, 1/4"Y	8
9	6091GT	NUT,NYLOCK,1/4-20	4

822.1 Fall Arrest Bar



Item	Part No.	Description	Qty.
1	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG	4
2	1256389GT	FORMING,INNER HANGER	2
3	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
4	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	2
5	1260892GT	END STOP. TFAAS TRACK	2
6	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	2
7	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
8	1256481GT	SPACER, HANGER BRACKET	8
9A	1256400GT	DECAL,TFAAS TRACK,WORD	1
9B	1260910GT	DECAL,TFAAS TRACK,SYMBOL	1
9C	1256400FRGT	DECAL,TFAAS TRACK,WORD FR	1
10A	1256377GT	ACC,TFAAS FALL ARREST,8FT WORD includes instructions and decals	1
10A-	1256379GT	ASSY,TFAAS TRACK,8FT WORD includes decals	
10B	1261022GT	ACC,TFAAS FALL ARREST,8FT SYM includes instructions and decals	1
10B-	1261024GT	ASSY,TFAAS TRACK,8FT SYM includes decals	
10C	1261018GT	ACC,TFAAS FALL ARREST,8FT FR includes instructions and decals	1
10C-	1261020GT	ASSY,TFAAS TRACK,8FT FR includes decals	
10D	1256378GT	ACC,TFAAS FALL ARREST,6FT WORD includes instructions and decals	1
10D-	1256380GT	ASSY,TFAAS TRACK,6FT WORD includes decals	
10E	1261023GT	ACC,TFAAS FALL ARREST,6FT SYM includes instructions and decals	1
10E-	1261025GT	ASSY,TFAAS TRACK,6FT SYM includes decals	
10F	1261019GT	ACC,TFAAS FALL ARREST,6FT FR includes instructions and decals	1
10F-	1261021GT	ASSY,TFAAS TRACK,6FT FR includes decals	
11	40434GT	DECAL,LANYARD ANCHORAGE POINT	1
12	1256439GT	TROLLEY, TFAAS TRACK	1

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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.

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