A TEREX BRAND

Parts Manual

Serial Number Range

Z-45/25 IC
Z-45/25J IC

from SN Z452507A-34011 to Z452513A-47000

from SN Z452507B-101 to Z452513B-3300

Part No. 147545GT
Rev: C.05
June 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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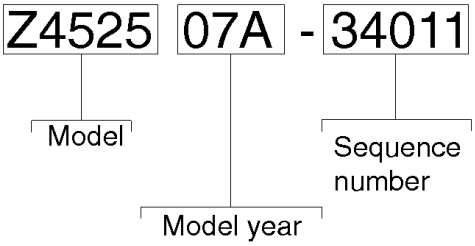
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Fifth Edition, Third Printing

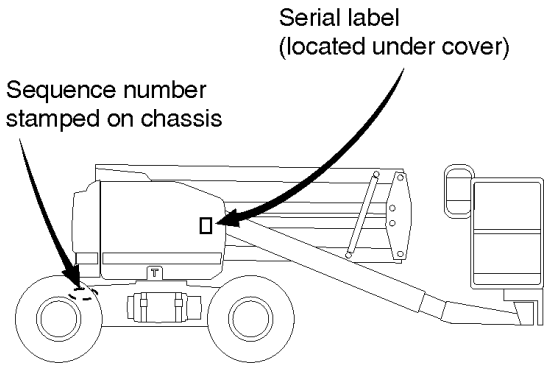
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Model: Z-45/25
Serial number: Z452507A-34011
Model year: 2007 **Manufacture date:** 04/12/07
Electrical schematic number: ES0274
Machine unladen weight:

Rated work load (including occupants): 500 lb / 227 kg
Maximum number of 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 : 45 ft 6 in/ 13.8 m
Maximum platform reach : 25 ft 3 in/ 7.7 m
Gradeability: N/A
Country of manufacture: USA
This machine complies with:
ANSI A92.5
CAN B.354.4

Genie Industries
18340 NE 76th Street
Redmond, WA 98052
USA





How to Order Parts

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

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

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

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

Machine Information

_____

Model

_____

Serial Number

_____

Date of Purchase

_____

Authorized Genie Distributor

_____

Phone Number

North America

Telephone (425)881-1800

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

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

http://genielift.com/en

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

http://genielift.co.uk

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

http://genielift.com.sg/

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

http://genielift.com.au

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

Required Parts

The following parts are required to perform maintenance procedures as outlined in the Genie Z-45/25 and Z-45/25J Service Manual.

All Models:

Description	Part No.
Plug and Cap Kit (for ORFS Fittings	49613
Hydrauilc Tank Filter Element Kit	77353
High and Medium Pressure Filter Element	60857
Wheel Lug Nuts	54627
Lithium Based Grease	(source locally)
Dielectric Grease	66399
Drive Hub Oil (refer to service manual)	(source locally)
Safety Chock	36555

Perkins 404-22 Models:

Description	Part No.
Air Filter Element	62420
Fuel/water Separator Element	62433
Engine Oil Filter	94762
V-belt	89765
Fuel Filter	72346

Deutz F3L-2011 Models:

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

Ford DSG-423 EFI Models:

Description	Part No.
Fuel Pre-Filter	119984
Fuel Sensor Assembly	119491
Engine Oil Filter	119139
Air Filter Element	77295
Serpentine Belt	119138
PCV Valve	119474
Spark Plug	119495

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
Plug and Cap Kit (for ORFS fittings)	49613

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

TEREX CORPORATION

Service Parts Fax Order Form

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

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

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

Optional Equipment _____

Part Number	Description	Quantity	Price

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

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

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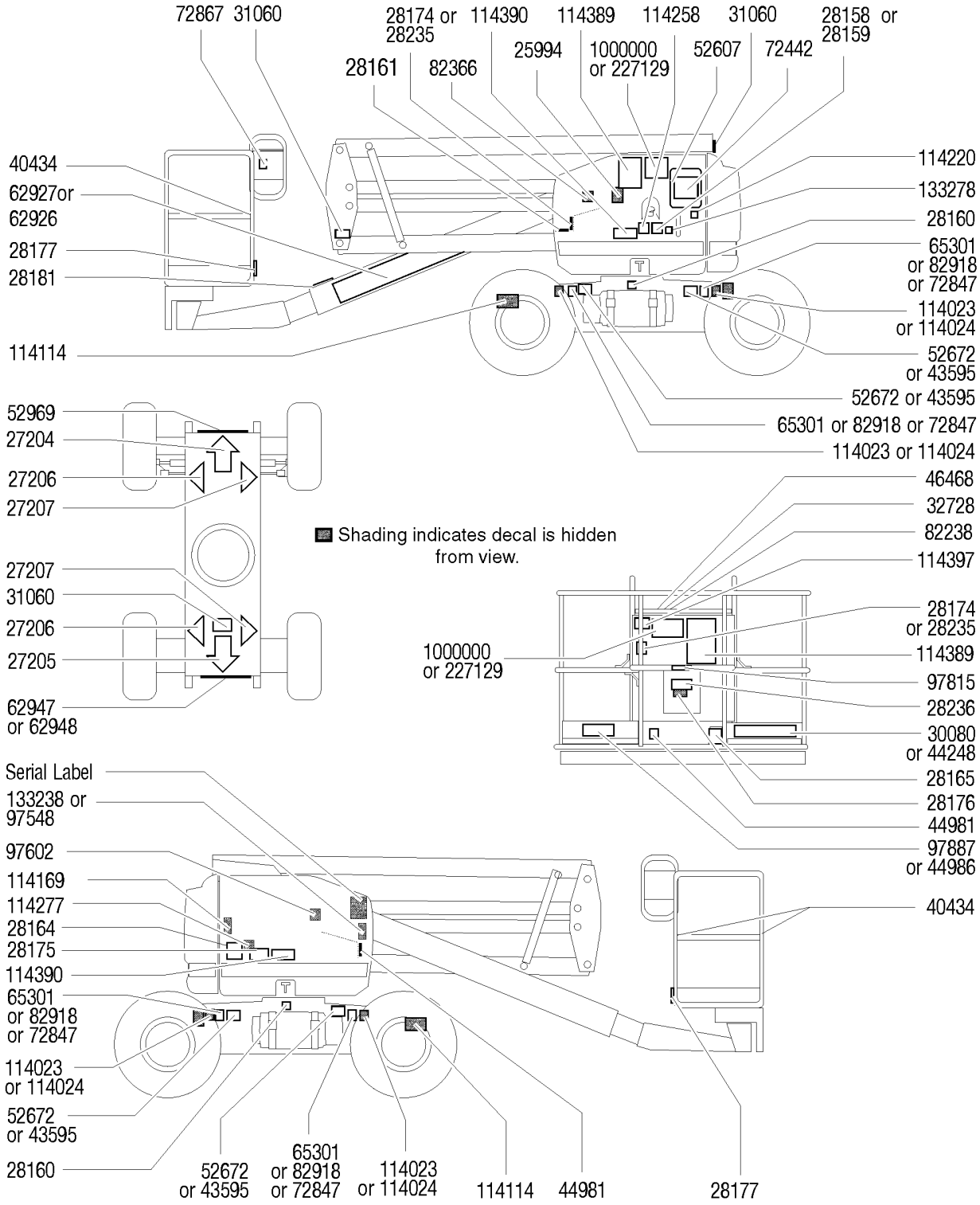
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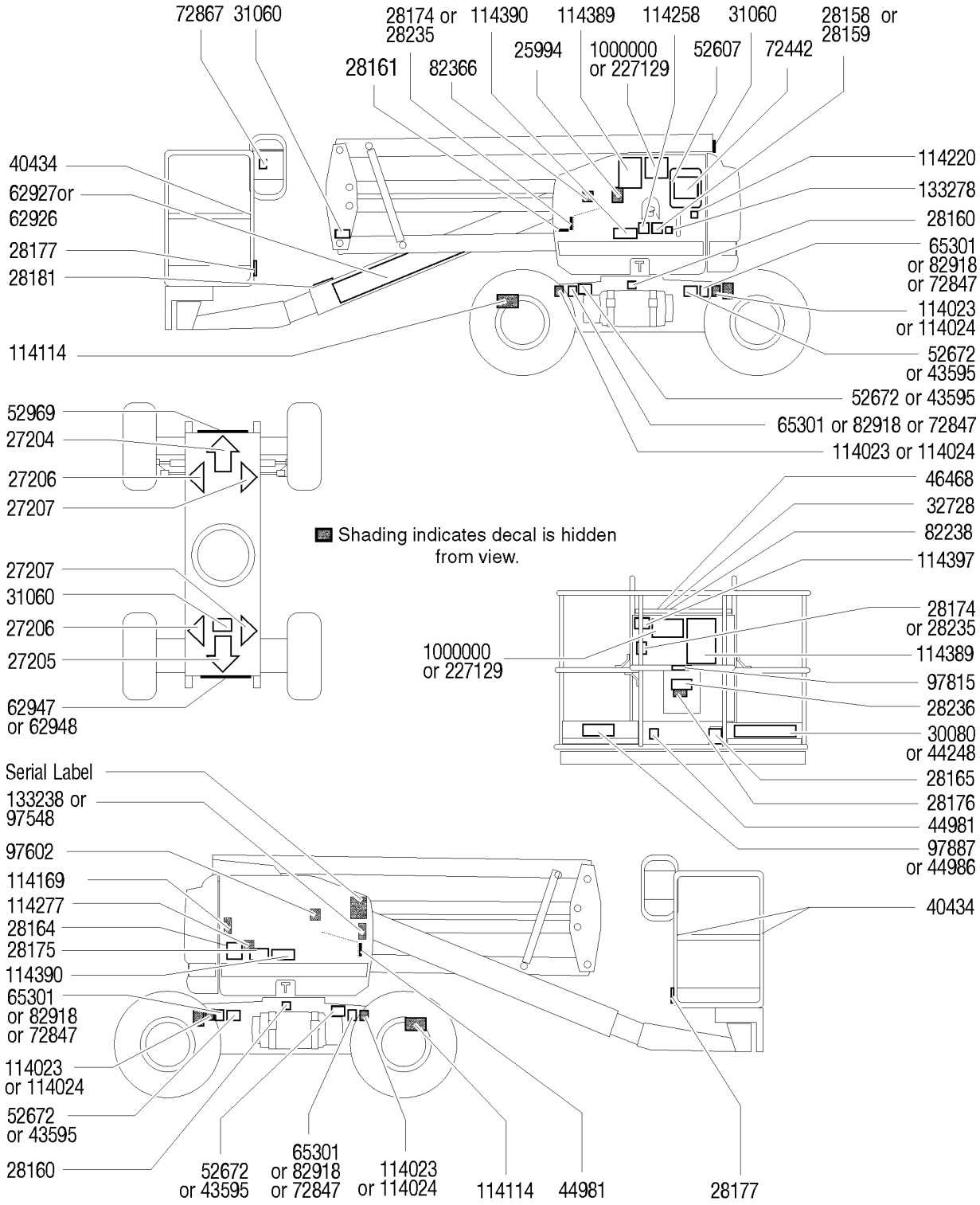
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101.1 Decals with Words, Z-45/25



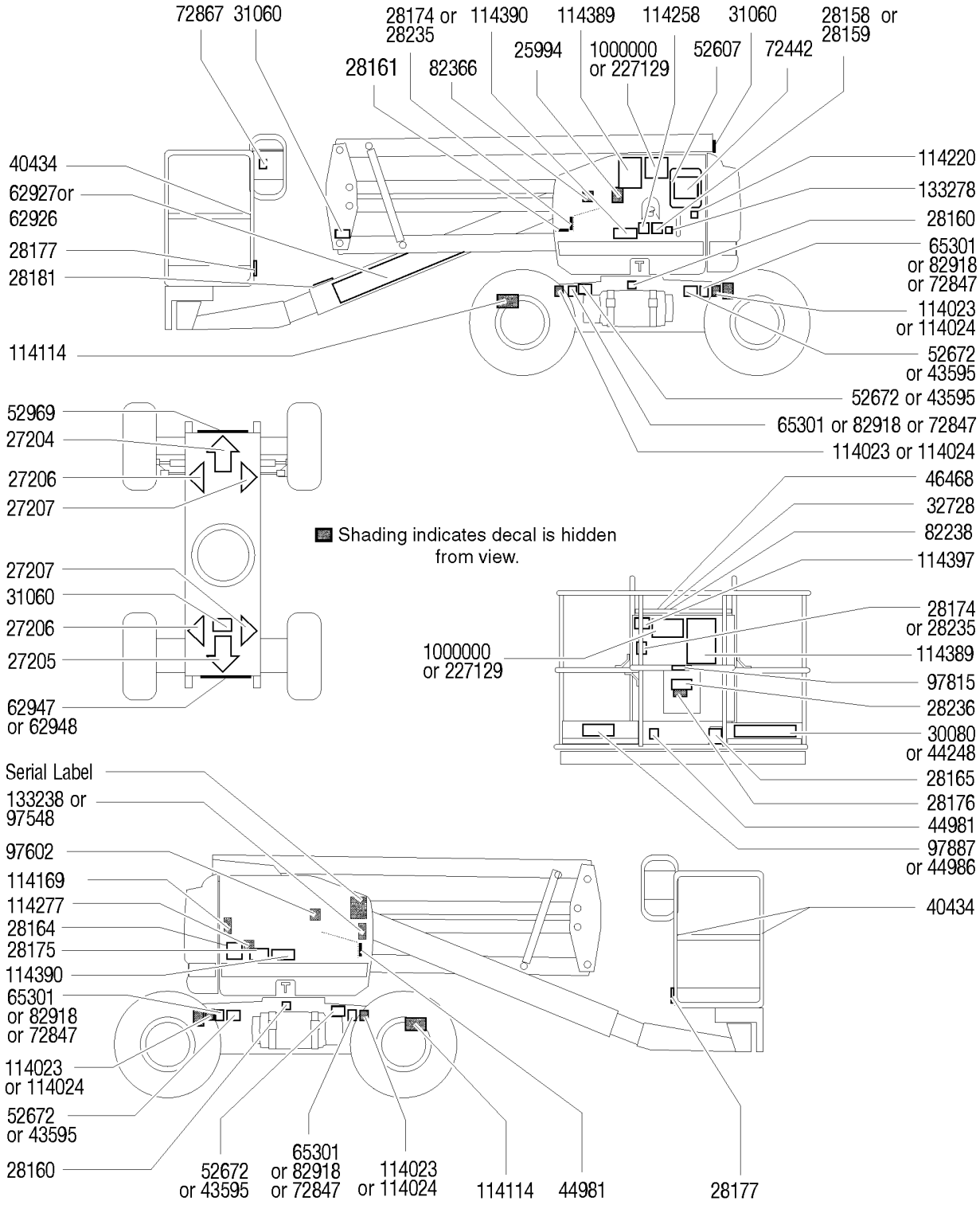
Item	Part No.	Description	Qty.
A	162235GT	DECAL KIT,Z45IC PLAT,WORD,ANSI from SN Z452507-33971 to Z452513A-47000, from Z452507B-101 to Z452513B-3300, from Z452513D-101	
B	162236GT	DECAL KIT,Z45IC COMP,WORD,ANSI from SN Z452507-33971 to Z452513A-47000, from Z452507B-101 to Z452513B-3300, from Z452513D-101	
D	162343GT	DECAL KIT,Z45IC PLAT,WRD,AUST from SN Z452507-33971 to Z452511A-40559, from Z452507B-101 to Z452511B-1725	
F	162344GT	DECAL KIT,Z45IC COMP,WRD,AUST from SN Z452507-33971 to Z452511A-40559, from Z452507B-101 to Z452511B-1725	
H	162237GT	DECAL KIT,Z45IC PLAT,WORD,AUST from SN Z452511A-40560 to Z452513A-47000, from Z452511B-1726 to Z452513B-3300, from Z452513D-101	
J	162238GT	DECAL KIT,Z45IC COMP,WORD,AUST from SN Z452511A-40560 to Z452513A-47000, from Z452511B-1726 to Z452513B-3300, from Z452513D-101	
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	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
7	28159GT	DECAL,DIESEL	1
8	28160GT	DECAL,LABEL,LIQUID PROPANE	2
9	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
10	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
11	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
12	28174GT	DECAL,POWER TO PLATFORM 230V	2
13	28175GT	DECAL,WARNING-COMPART ACCESS	1
14	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
15	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
16	28181GT	DECAL,WARN,FALL HAZARD	1
17	28235GT	DECAL,POWER TO PLATFORM 115V	2
18	28236GT	DECAL,WARN,IMPROPER OPERATION	1
19	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
20	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3
21	32728GT	DECAL,OPTION GENERATOR***	1

101.1 Decals with Words, Z-45/25



Item	Part No.	Description	Qty.
22	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
23	43595GT	DECAL,DANGER,TIP-OVER,TIRES***	4
24	44248GT	DECAL,NOTICE,MAX CAP 440 LBS	
25	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
26	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1
27	46468GT	DECAL,FUNCTION OVERRIDE	1
28	52607GT	DECAL,LABEL,TEST***	1
29	52672GT	DECAL,DANGER,TIPOVER HAZARD***	4
30	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
31A	62927GT	DECAL,COSMETIC,GENIE Z-45/25	1
32	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
33	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
34	65301GT	DECAL,NOTICE,FOAM-FILLED TIRES	4
35	72442GT	DECAL, GROUND CONTROL PANEL	1
36	72847GT	DECAL,NOTICE,HI FLOAT TIRES	
37	72867GT	DECAL,LABEL,LIGHTS*** option	1
38	82238GT	DECAL,PLATFORM CONTROL PANEL	1
39	82366GT	DECAL,CHEVRON RANDO HD	1
40	82918GT	DECAL,NOTICE, TIRE SPECS	4
41	97548GT	DECAL,ENGINE SPEC,DEUTZ 2011 Deutz models only	1
42	97602GT	DECAL,EXPLOSION HAZARD	1
43	97815GT	DECAL,LABEL,LOWER MIDRAIL	
44	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
45	114389GT	DECAL,DANGER,GENERAL SAFETY	2
46A	114023GT	DECAL,LABEL,WHEEL LOAD Z4525	4
47	114114GT	DECAL,LABEL,TRANSPORT	2
48	114169GT	DECAL,FORD ENGINE SPEC DSG423 Ford models only	1
49	114220GT	DECAL,LABEL,RELAYS,Z45IC,Z51	1

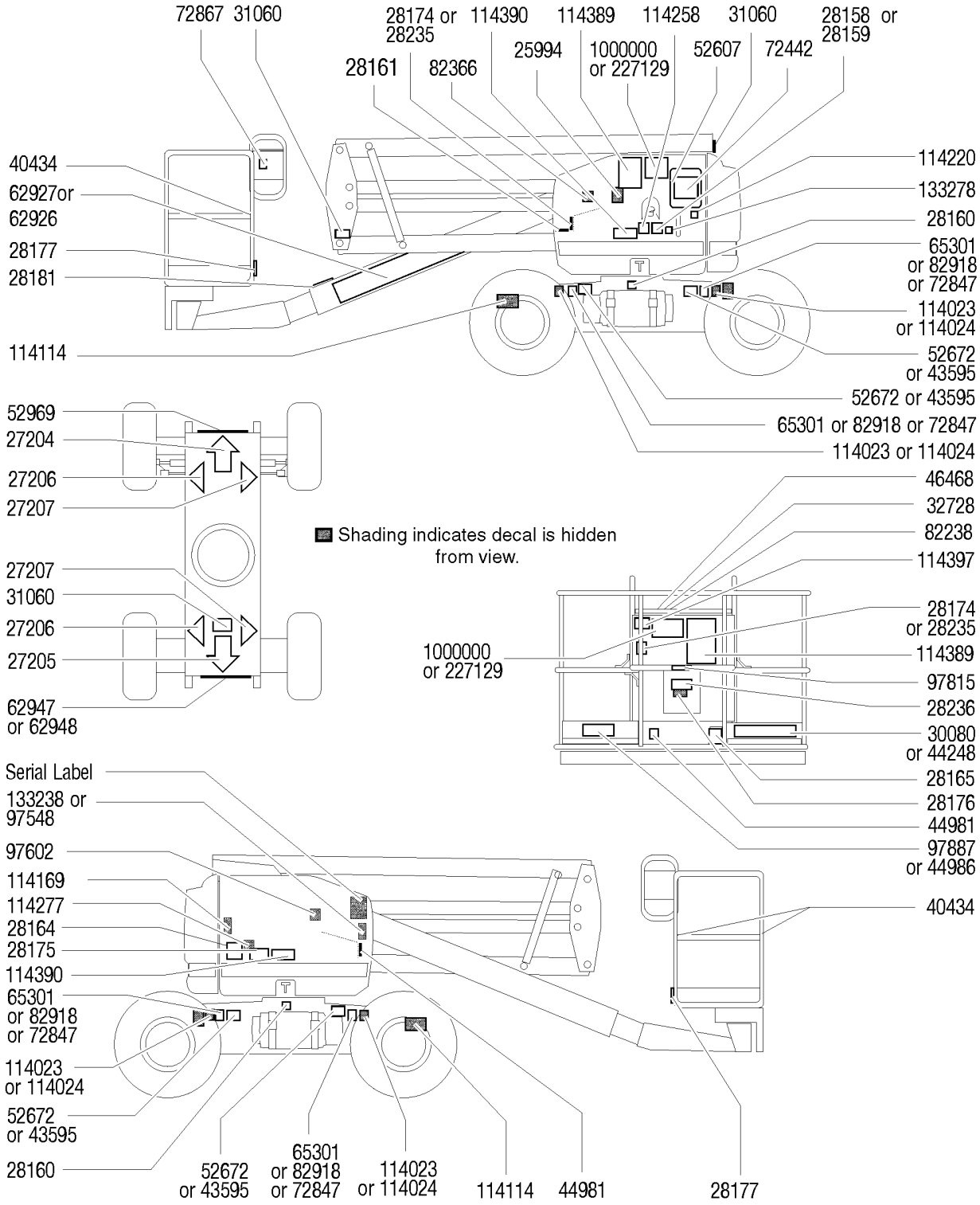
101.1 Decals with Words, Z-45/25



101.1 Decals with Words, Z-45/25

Item	Part No.	Description	Qty.
50	114258GT	DECAL,DANGER,NO SMOKING	1
51	114390GT	DECAL,DANGER,ELECT HAZARD***	2
53	114397GT	DECAL,DANGER,TILT ALARM	1
54	114277GT	DECAL,LABEL,BELT ROUTING DSG Ford models only	1
55	133238GT	DECAL,ENGINE SPEC,PERKINS*** Perkins models only	1
56	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL	1
57	1000000GT	DECAL,NOTICE,OPER INST.IXC	2
58A	1000000GT	DECAL,NOTICE,OPER INST.IXC for Australia models to SN Z452511A-40559 and to Z452511B-1725	2
58B	227129GT	DECAL,OPER INST,Z45/Z51 IC AUS for Australia models from SN Z452511A-40560 and from Z452511B-1726	

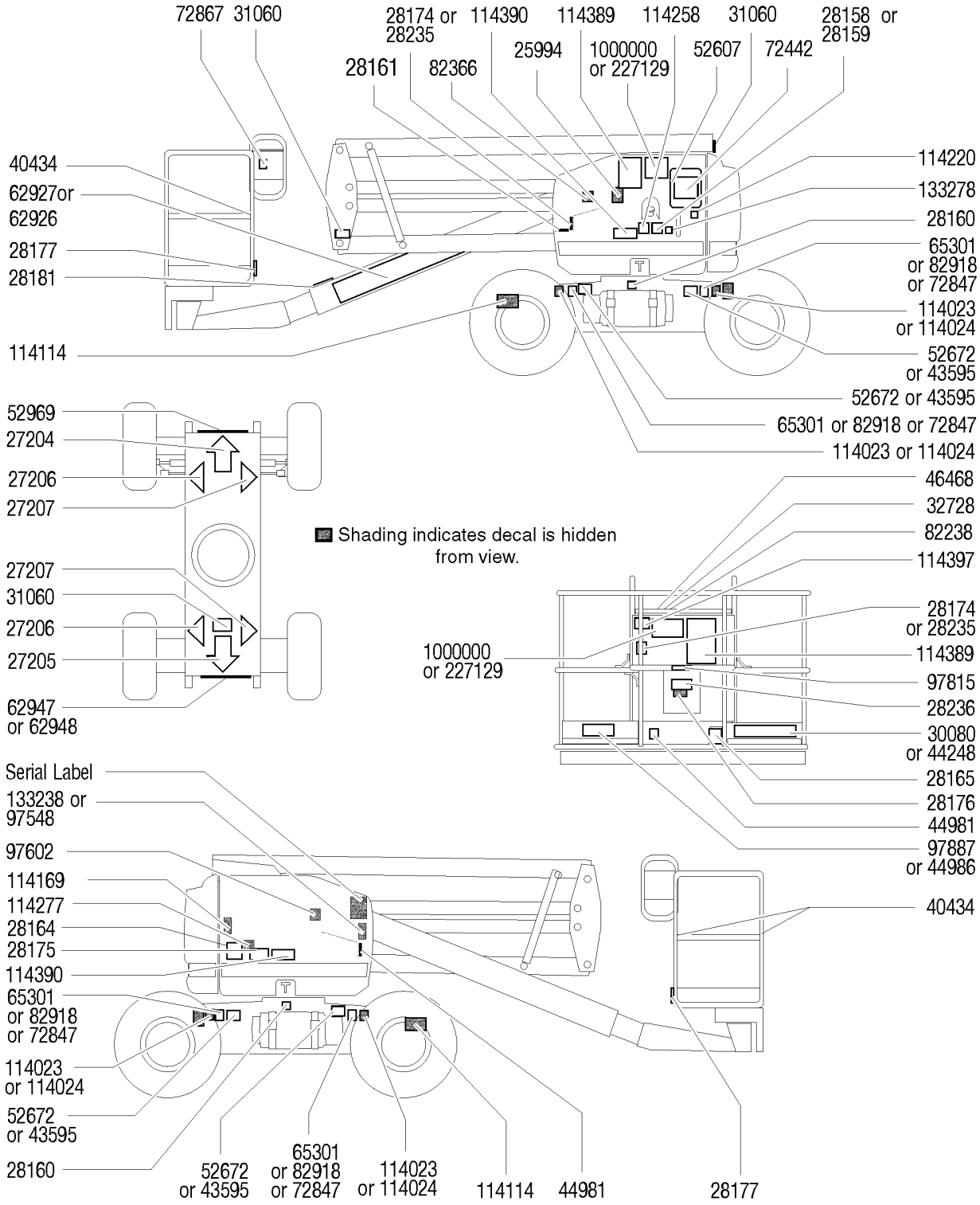
101.2 Decals with Words, Z-45/25J



101.2 Decals with Words, Z-45/25J

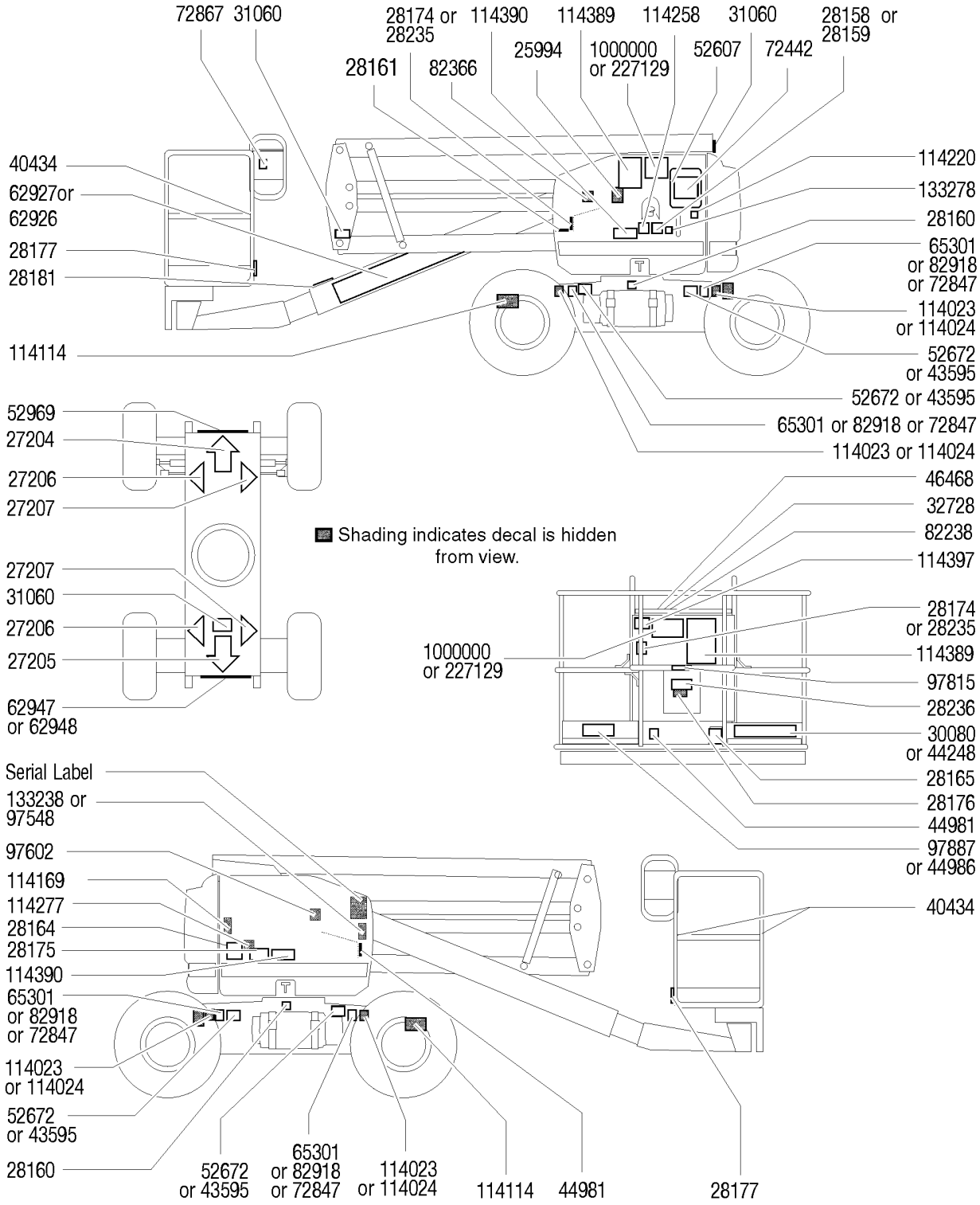
Item	Part No.	Description	Qty.
C	162315GT	DECAL KIT,Z45JIC COMP,WRD,ANSI from SN Z452507-33971 to Z452513A-47000, from Z452507B-101 to Z452513B-3300, from Z452513D-101	
E	162314GT	DECAL KIT,Z45JIC PLAT,WRD,ANSI from SN Z452507-33971 to Z452513A-47000, from Z452507B-101 to Z452513B-3300, from Z452513D-101	
G	162348GT	DECAL KIT,Z45JIC COMP,WRD,AUST from SN Z452507-33971 to Z452511A-40559, from Z452507B-101 to Z452511B-1725	
K	162317GT	DECAL KIT,Z45JIC COMP,WRD,AUST from SN Z452507-33971 to Z452513A-47000, from Z452507B-101 to Z452513B-3300, from Z452513D-101	
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	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
7	28159GT	DECAL,DIESEL	1
8	28160GT	DECAL,LABEL,LIQUID PROPANE	2
9	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
10	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
11	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
12	28174GT	DECAL,POWER TO PLATFORM 230V	2
13	28175GT	DECAL,WARNING-COMPART ACCESS	1
14	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
15	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
16	28181GT	DECAL,WARN,FALL HAZARD	1
17	28235GT	DECAL,POWER TO PLATFORM 115V	2
18	28236GT	DECAL,WARN,IMPROPER OPERATION	1
19	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
20	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3
21	32728GT	DECAL,OPTION GENERATOR***	1
22	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
23	43595GT	DECAL,DANGER,TIP-OVER,TIRES***	4

101.2 Decals with Words, Z-45/25J



Item	Part No.	Description	Qty.
24	44248GT	DECAL,NOTICE,MAX CAP 440 LBS	
25	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
26	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1
27	46468GT	DECAL,FUNCTION OVERRIDE	1
28	52607GT	DECAL,LABEL,TEST***	1
29	52672GT	DECAL,DANGER,TIPOVER HAZARD***	4
30	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
31B	62926GT	DECAL,COSMETIC,GENIE Z-45/25J	1
32	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
33	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
34	65301GT	DECAL,NOTICE,FOAM-FILLED TIRES	4
35	72442GT	DECAL, GROUND CONTROL PANEL	1
36	72847GT	DECAL,NOTICE,HI FLOAT TIRES	
37	72867GT	DECAL,LABEL,LIGHTS*** option	1
38	82238GT	DECAL,PLATFORM CONTROL PANEL	1
39	82366GT	DECAL,CHEVRON RANDO HD	1
40	82918GT	DECAL,NOTICE, TIRE SPECS	4
41	97548GT	DECAL,ENGINE SPEC,DEUTZ 2011 Deutz models only	1
42	97602GT	DECAL,EXPLOSION HAZARD	1
43	97815GT	DECAL,LABEL,LOWER MIDRAIL	
44	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
45	114389GT	DECAL,DANGER,GENERAL SAFETY	2
46B	114024GT	DECAL,LABEL,WHEEL LOAD Z4525J	4
47	114114GT	DECAL,LABEL,TRANSPORT	2
48	114169GT	DECAL,FORD ENGINE SPEC DSG423 Ford models only	1
49	114220GT	DECAL,LABEL,RELAYS,Z45IC,Z51	1
50	114258GT	DECAL,DANGER,NO SMOKING	1
51	114390GT	DECAL,DANGER,ELECT HAZARD***	2

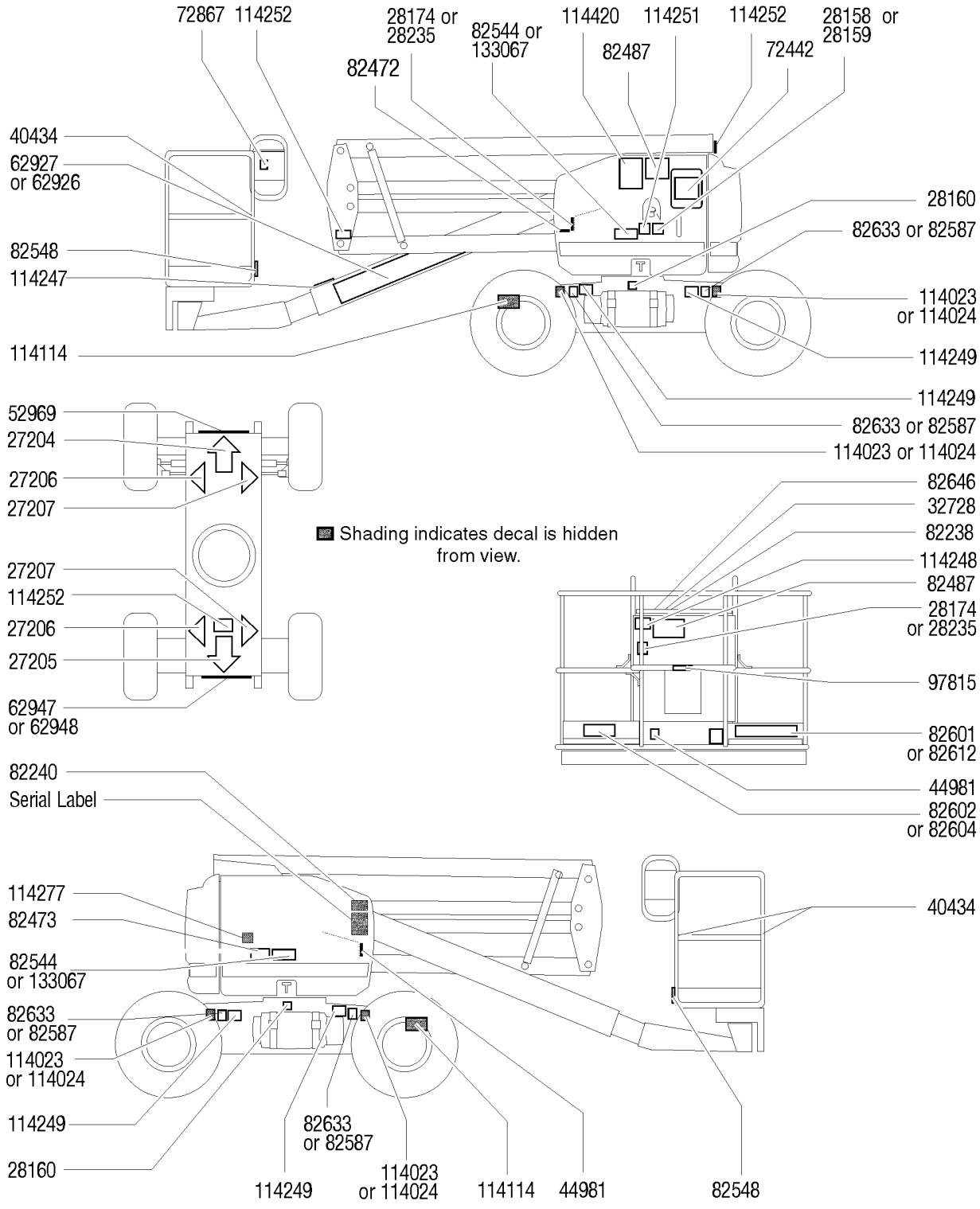
101.2 Decals with Words, Z-45/25J



101.2 Decals with Words, Z-45/25J

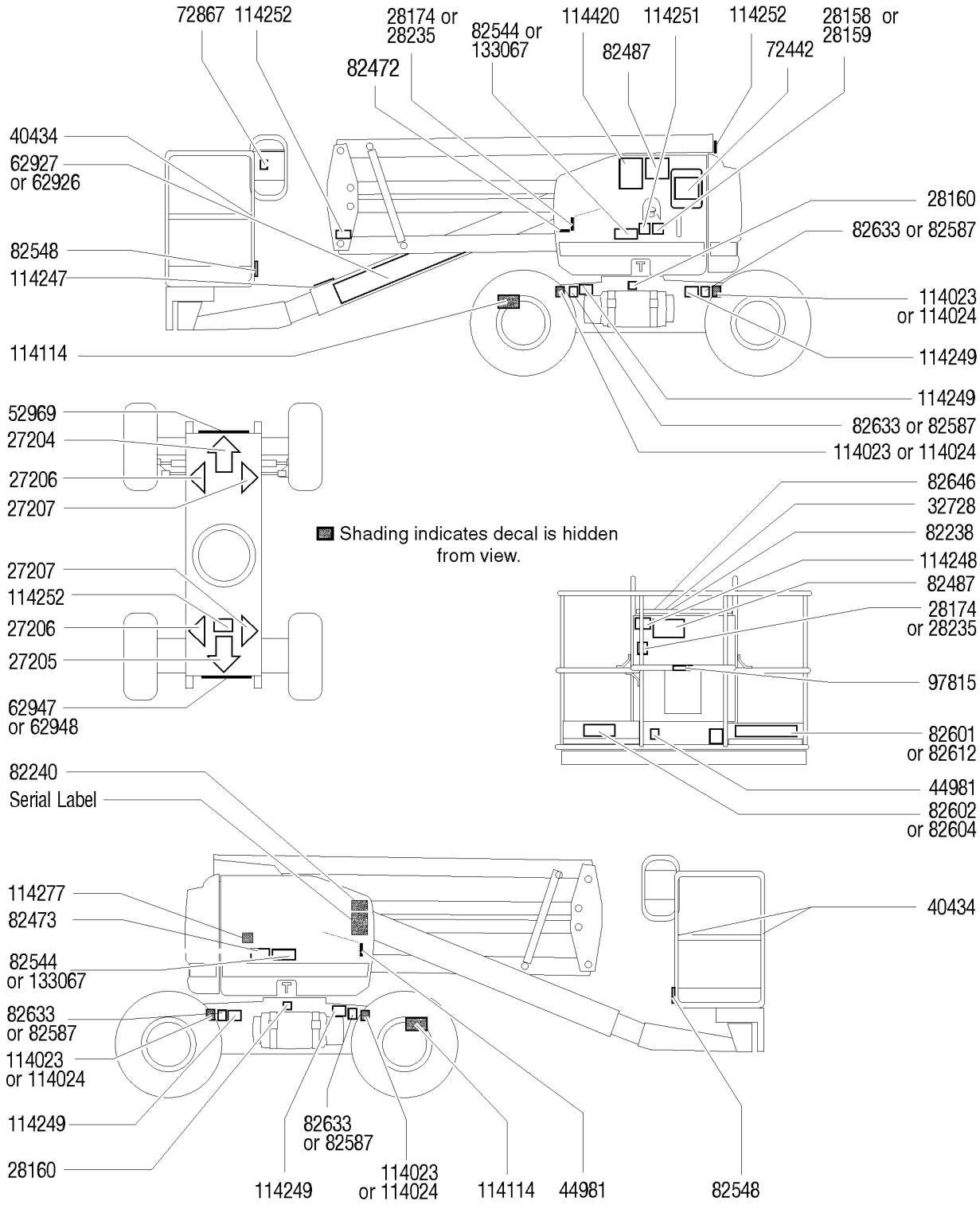
Item	Part No.	Description	Qty.
53	114397GT	DECAL,DANGER,TILT ALARM	1
54	114277GT	DECAL,LABEL,BELT ROUTING DSG Ford models only	1
55	133238GT	DECAL,ENGINE SPEC,PERKINS*** Perkins models only	1
56	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL	1
57	1000000GT	DECAL,NOTICE,OPER INST.IXC for ANSI Models	2
58A	1000000GT	DECAL,NOTICE,OPER INST.IXC for Australia models to SN Z452511A-40559 and to Z452511B-1725	2
58B	227129GT	DECAL,OPER INST,Z45/Z51 IC AUS for Australia models from SN Z452511A-40560 and from Z452511B-1726	

102.1 Decals with Symbols, Z-45/25



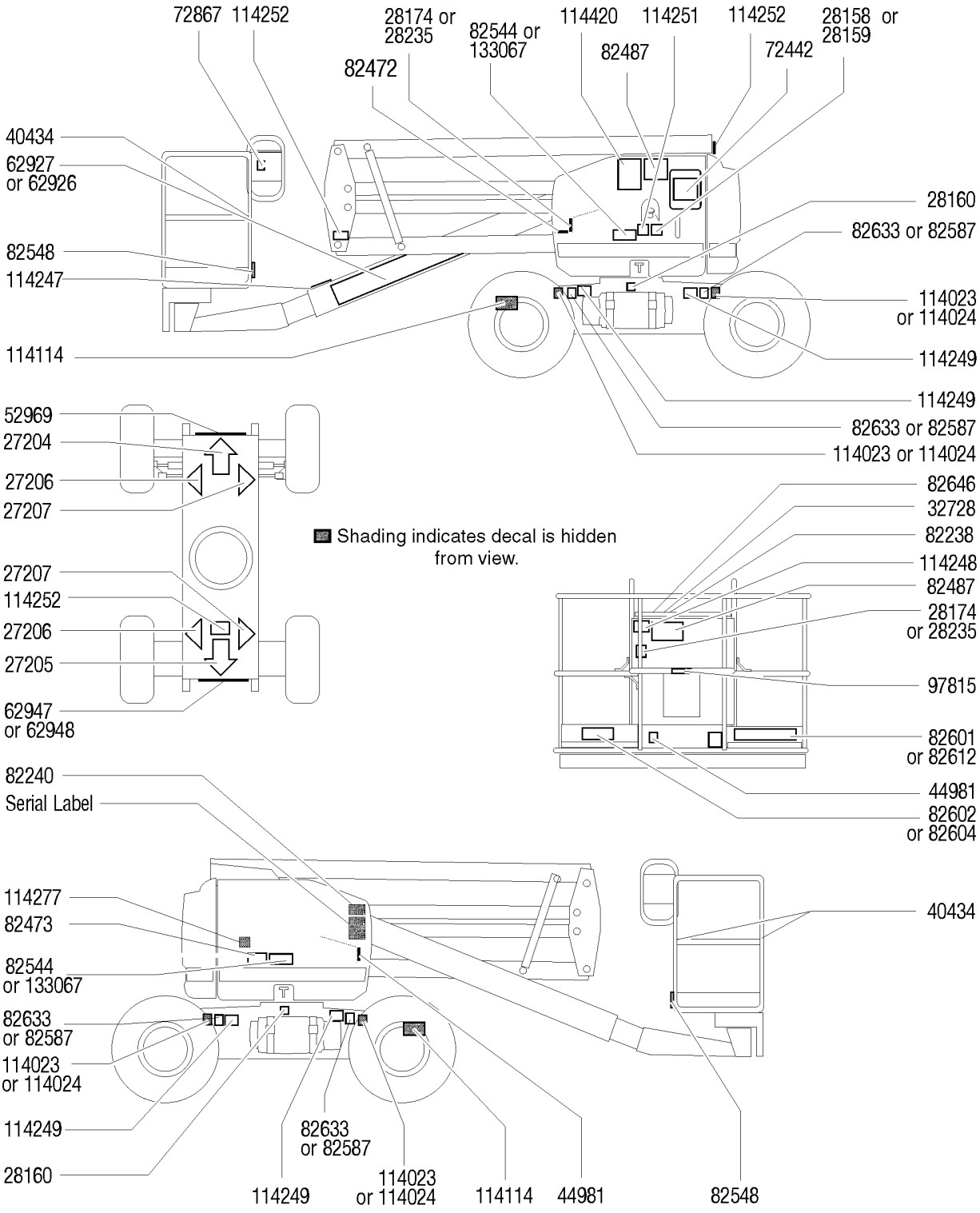
Item	Part No.	Description	Qty.
A	162241GT	DECAL KIT,Z45IC PLAT,SYM,ANSI from SN Z452507-33971 to Z452513A-47000 and from Z452507B-101 to Z452513B-3300 and from Z452513D-101	.
B	162442GT	DECAL KIT,Z51JIC COMP,WRD,AUST from SN Z452507-33971 to Z452513A-47000 and from Z452507B-101 to Z452513B-3300 and from Z452513D-101	.
D	162254GT	DECAL KIT,Z45IC PLAT,SYM,CE from SN Z452507-33971 to Z452513A-47000 and from Z452507B-101 to Z452513B-3300 and from Z452513D-101	.
E	162255GT	DECAL KIT,Z45IC COMP,SYM,CE from SN Z452507-33971 to Z452513A-47000 and from Z452507B-101 to Z452513B-3300 and from Z452513D-101	.
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	2
6	28159GT	DECAL,DIESEL	2
7	28160GT	DECAL,LABEL,LIQUID PROPANE	1
8	28174GT	DECAL,POWER TO PLATFORM 230V	2
9	28235GT	DECAL,POWER TO PLATFORM 115V	2
10	32728GT	DECAL,OPTION GENERATOR***	1
11	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
12	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
13	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
14A	62927GT	DECAL,COSMETIC,GENIE Z-45/25	1
15	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
16	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
17	72442GT	DECAL, GROUND CONTROL PANEL	1
18	72867GT	DECAL,LABEL,LIGHTS***	1
19	82238GT	DECAL,PLATFORM CONTROL PANEL	1
20	82240GT	DECAL,LABEL,105 DB	1
21	82472GT	DECAL,WARNING,CRUSHING HAZARD	3
22	82473GT	DECAL,SYMBOL-COMP ACCESS	1
23	82487GT	DECAL,SYMBOL-READ THE MANUAL	2

102.1 Decals with Symbols, Z-45/25



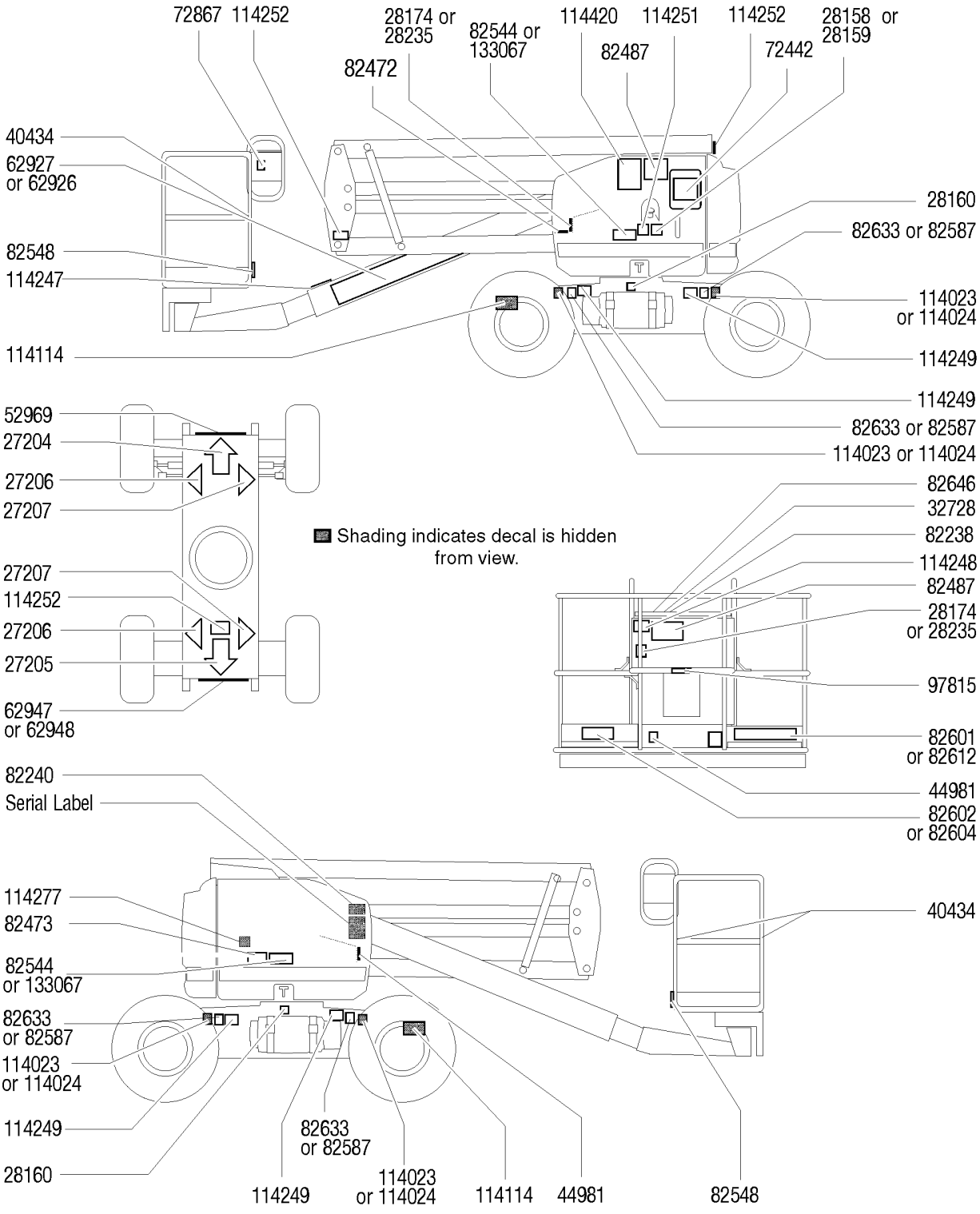
Item	Part No.	Description	Qty.
24A	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	3
24B	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	
25	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
26	82587GT	DECAL,HIFLOT TIRE PRESS,S40/45	4
27	82601GT	DECAL,LABEL,MAX CAPACITY***	1
28	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
29	82604GT	DECAL,DANGER,SIDE FRC 400N	1
30	82612GT	DECAL,DANGER,MAX CAP,200KG	1
31	82633GT	DECAL,LABEL,TIRE PRESS Z45RT	4
32	82646GT	DECAL,DRIVE ENABLE PATCH	1
33	97815GT	DECAL,LABEL,LOWER MIDRAIL CE models	1
34A	114023GT	DECAL,LABEL,WHEEL LOAD Z4525	4
35	114114GT	DECAL,LABEL,TRANSPORT	2
36	114247GT	DECAL,LABEL,FALL HAZARD***	1
37	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY	1
38	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	4
39	114251GT	DECAL,LABEL,NO SMOKING,SYMB	2
40	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	3
41	114277GT	DECAL,LABEL,BELT ROUTING DSG Ford models only	1
42	114420GT	DECAL,EMERGENCY LOWERING IC	1

102.2 Decals with Symbols, Z-45/25J



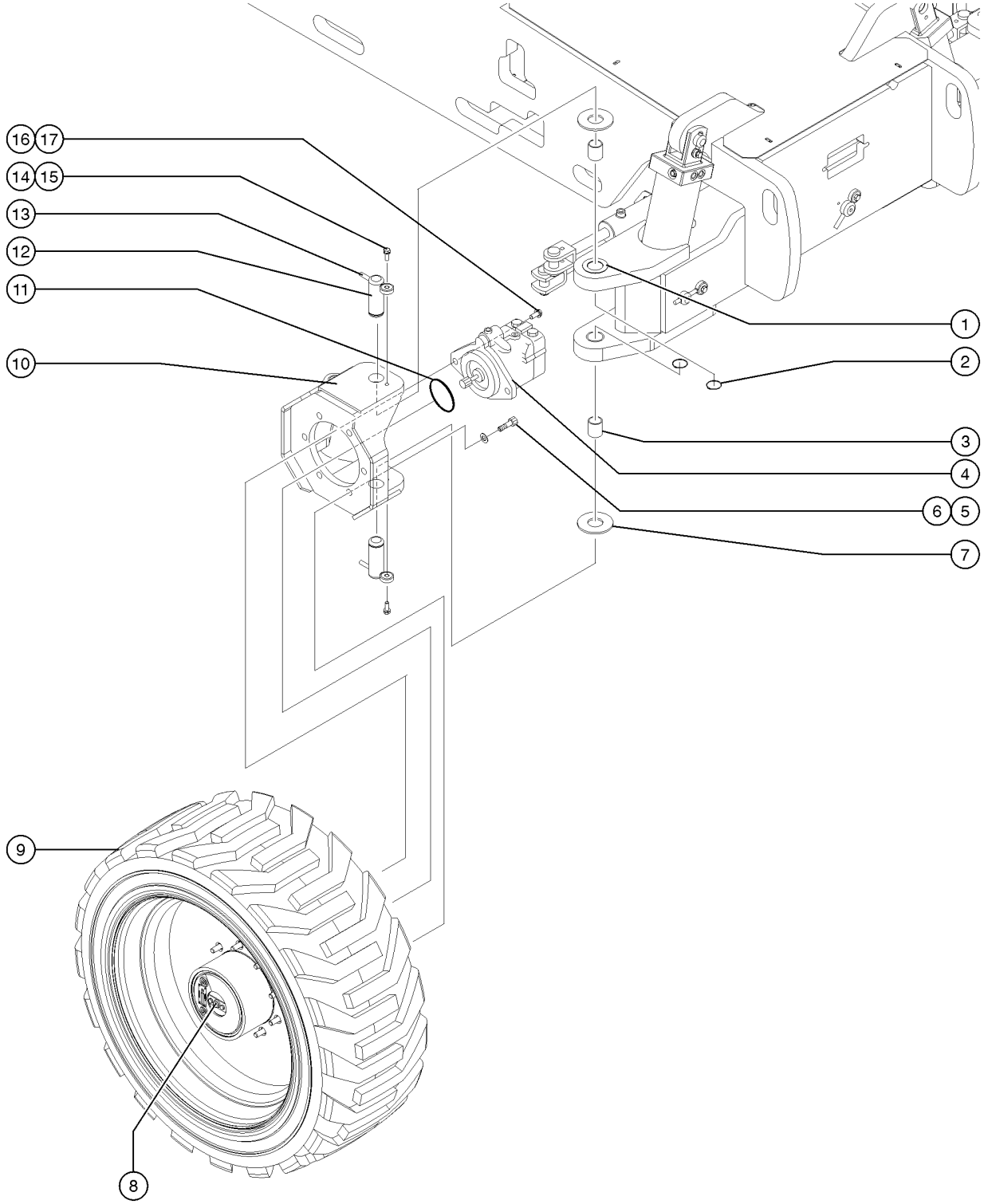
Item	Part No.	Description	Qty.
C	162319GT	DECAL KIT,Z45JIC COMP,SYM,ANSI from SN Z452507-33971 to Z452513A-47000 and from Z452507B-101 to Z452513B-3300 and from Z452513D-101	
F	162321GT	DECAL KIT,Z45JIC COMP,SYM,CE	
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	2
6	28159GT	DECAL,DIESEL	2
7	28160GT	DECAL,LABEL,LIQUID PROPANE	1
8	28174GT	DECAL,POWER TO PLATFORM 230V	2
9	28235GT	DECAL,POWER TO PLATFORM 115V	2
10	32728GT	DECAL,OPTION GENERATOR***	1
11	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
12	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
13	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
14B	62926GT	DECAL,COSMETIC,GENIE Z-45/25J Z-45/25J	1
15	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
16	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
17	72442GT	DECAL, GROUND CONTROL PANEL	1
18	72867GT	DECAL,LABEL,LIGHTS***	1
19	82238GT	DECAL,PLATFORM CONTROL PANEL	1
20	82240GT	DECAL,LABEL,105 DB	1
21	82472GT	DECAL,WARNING,CRUSHING HAZARD	3
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	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
26	82587GT	DECAL,HIFLOT TIRE PRESS,S40/45	4

102.2 Decals with Symbols, Z-45/25J



Item	Part No.	Description	Qty.
27	82601GT	DECAL,LABEL,MAX CAPACITY***	1
28	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
29	82604GT	DECAL,DANGER,SIDE FRC 400N	1
30	82612GT	DECAL,DANGER,MAX CAP,200KG	1
31	82633GT	DECAL,LABEL,TIRE PRESS Z45RT	4
32	82646GT	DECAL,DRIVE ENABLE PATCH	1
33	97815GT	DECAL,LABEL,LOWER MIDRAIL CE models	1
34B	114024GT	DECAL,LABEL,WHEEL LOAD Z4525J Z-45/25J	4
35	114114GT	DECAL,LABEL,TRANSPORT	2
36	114247GT	DECAL,LABEL,FALL HAZARD***	1
37	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY	1
38	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	4
39	114251GT	DECAL,LABEL,NO SMOKING,SYMB	2
40	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	3
41	114277GT	DECAL,LABEL,BELT ROUTING DSG Ford models only	1
42	114420GT	DECAL,EMERGENCY LOWERING IC	1

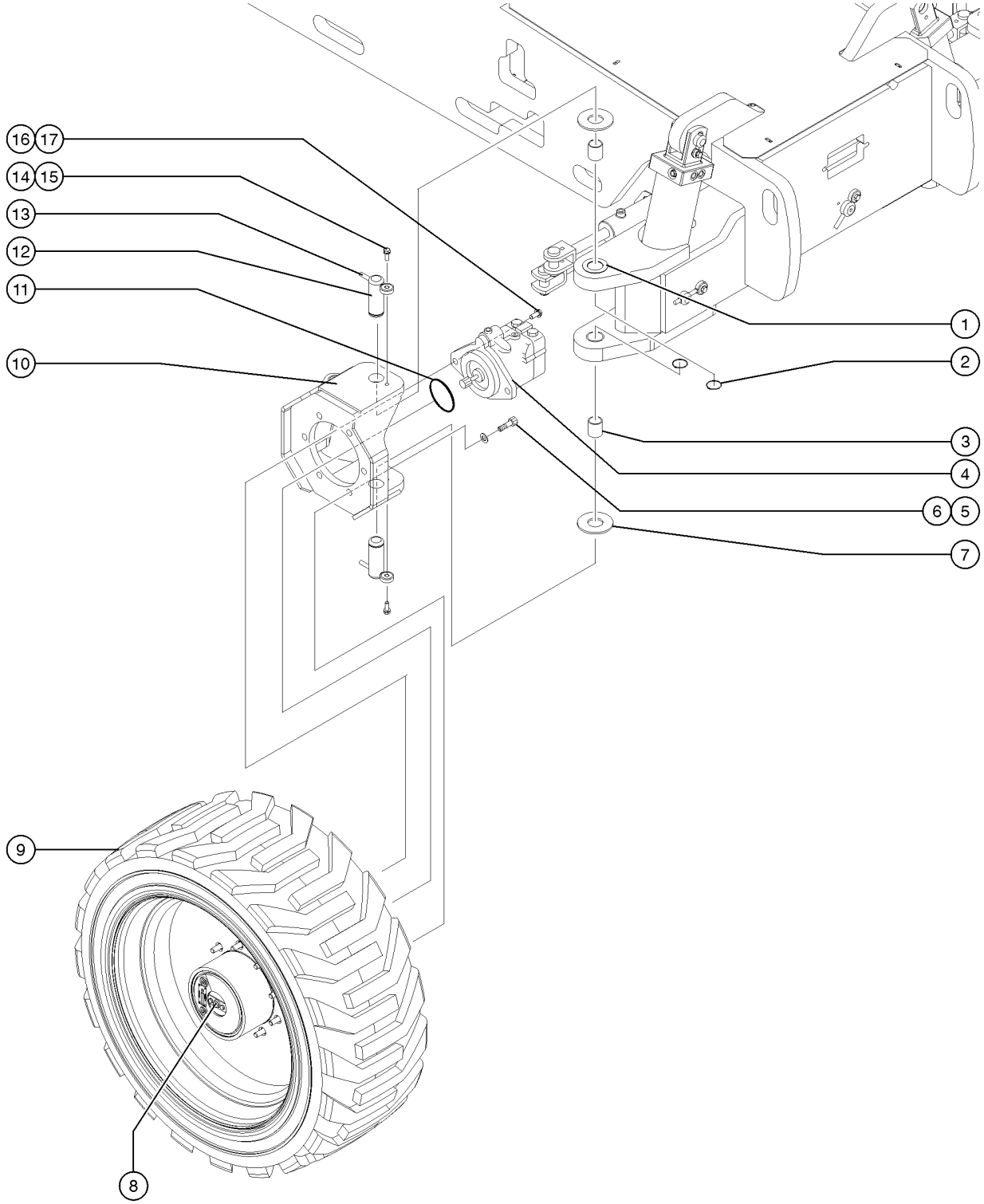
201.1 Steer-End Wheels and Hubs, 4WD Models (to SN Z452512A-43220 and Z452512B-1986)



201.1 Steer-End Wheels and Hubs, 4WD Models (to SN Z452512A-43220 and Z452512B-1986)

Item	Part No.	Description	Qty.
1	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
2	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	
3	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
4	33432GT	MOTOR,HYD,25CC FIXED***	2
4-	32675GT	SEAL KIT,SUNSTRAND	
5	19418GT	SCREW,SHC,5/8-11 X 1.75	6
6	13064GT	WASHER,FLAT,.625 HARDENED	6
7	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	
8A	20193GT	TORQUE HUB,35:1*** Type: FAIRFIELD. Visually identify which hub before ordering parts. ID tag is on end cover cap. Hubs are not interchangable, internal components are different for each type. All four hubs must be the same to avoid damage.(Seal Kit 1286606, Bearing Kit 1286607)	2
8A-	1286606GT	SEAL KIT,TORQUE HUB (20193)	
8A-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 20193	
8A-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** for 20193	
8A-	21143GT	BEARING KIT (45553) TORQUE HUB for 20193 (inventory limited to stock on hand as component is no longer available)	
8A-	1286607GT	BEARING KIT,TORQUE HUB (20193) for 20193	
8A-	58438GT	KIT,COVER,TORQUE HUB,45553*** for 20193	
8A-	37097GT	O-RING, TORQUE HUB for 20193	
8A-	21148GT	WASHER,THRUST,TORQUE HUB for 20193	
8A-	21146GT	COVER CAP,TORQUE HUB*** for 20193	
8A-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB for 20193	
8A-	21145GT	DISCONNECT ROD-45553 TQ.HUB for 20193	
8A-	58589GT	THRUST CAP (20193) for 20193	
8B	229763GT	WHEEL DRIVE, NON BRAKE, 35.9:1 Type: OMNI. Visually identify which hub before ordering parts. ID tag is on end cover cap. Hubs are not interchangable, internal components are different for each type. All four hubs must be the same to avoid damage.	
8B-	139965GT	WHEEL STUD,5/8-18,OMNI*** for 229763	
8B-	139966GT	ROD,DISCONNECT,OMNI*** for 229763	
8B-	139967GT	CAP,DISENGAGE,OMNI*** for 229763	
8B-	139968GT	O-RING,END COVER,OMNI*** for 229763	
8B-	229833GT	BEARING KIT, OMNI for 229763	

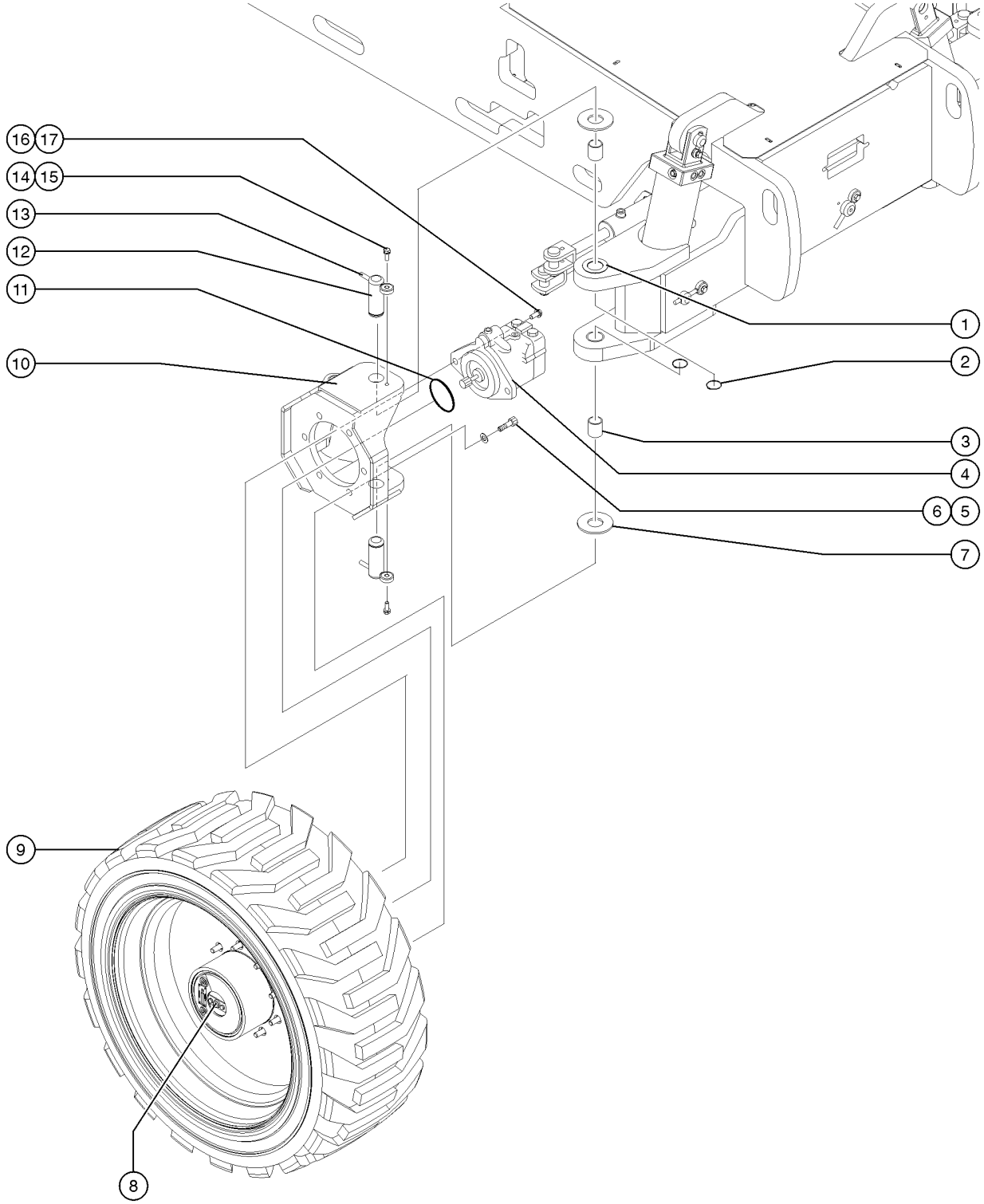
201.1 Steer-End Wheels and Hubs, 4WD Models (to SN Z452512A-43220 and Z452512B-1986)



201.1 Steer-End Wheels and Hubs, 4WD Models (to SN Z452512A-43220 and Z452512B-1986)

Item	Part No.	Description	Qty.
8B-	229834GT	SEAL KIT, OMNI for 229763	
8B-	58531GT	ORING,568-908 N552-90 NBR,10PK for 229763	
8B-	147034GT	PIPE PLUG KIT,OMNI*** for 229763	
9A	94656GT	WHEEL & TIRE ASSY,RR/LF,AIR RT, Air-filled, left	2
9A-	88728GT	TIRE,355/55D625 for 94656, 94657	
9A-	94660GT	WHEEL 24.5X11.75-9 HOLE for 94656, 94657	
9B	94657GT	WHEEL & TIRE ASSY,LR/RF,AIR RT, Air-filled, right	
9B-	88728GT	TIRE,355/55D625 for 94656, 94657	
9B-	94660GT	WHEEL 24.5X11.75-9 HOLE for 94656, 94657	
9C	94666GT	WHEEL & TIRE ASSY,RR/LF,AIR,NM RT, Air-filled, Non-marking, left	
9C	94667GT	WHEEL & TIRE ASSY,LR/RF,AIR,NM RT, Air-filled, Non-marking, right	
9C-	94536GT	TIRE,355/55D625,14 PLY,NM for 94666, 94667	
9C-	94660GT	WHEEL 24.5X11.75-9 HOLE for 94666, 94667	
9D	94662GT	WHEEL & TIRE ASSY,RR/LF,FF RT, Foam-filled, left	
9D	94663GT	WHEEL & TIRE ASSY,LR/RF,FF RT, Foam-filled, right	
9E	94670GT	WHEEL & TIRE ASSY,RR/LF,FF,NM RT, Foam-filled, Non-marking, left	
9E	94671GT	WHEEL & TIRE ASSY,LR/RF,FF,NM RT, Foam-filled, Non-marking, right	
9F	110713GT	TIRE/WHEEL ASSY,LH W/SEALANT,RT RT, Air-filled, with sealant, left	
9F	110712GT	TIRE/WHEEL ASSY,RH W/SEALANT,RT RT, Air-filled, with sealant, right	
9G	110719GT	TIRE/WHEEL ASSY,RT NM W/SEALAN RT, Air-filled, Non-marking, with sealant, left	
9G	110718GT	TIRE/WHEEL ASSY,RT NM W/SEALAN RT, Air-filled, Non-marking, with sealant, right	
10A	52705-SGT	YOKE ASSY,RH,4WD,Z45/25,IC	1
10A-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
10B	52704-SGT	YOKE ASSY,LH,4WD,Z45/25,IC	1
10B-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
10C		Ref. Steer Yoke, 2WD (refer to 203.1)	
11	52087GT	O-RING,2-044 BUNA***	
12	88752GT	PIN,1.50DIAX4.25LG,GR/H	4

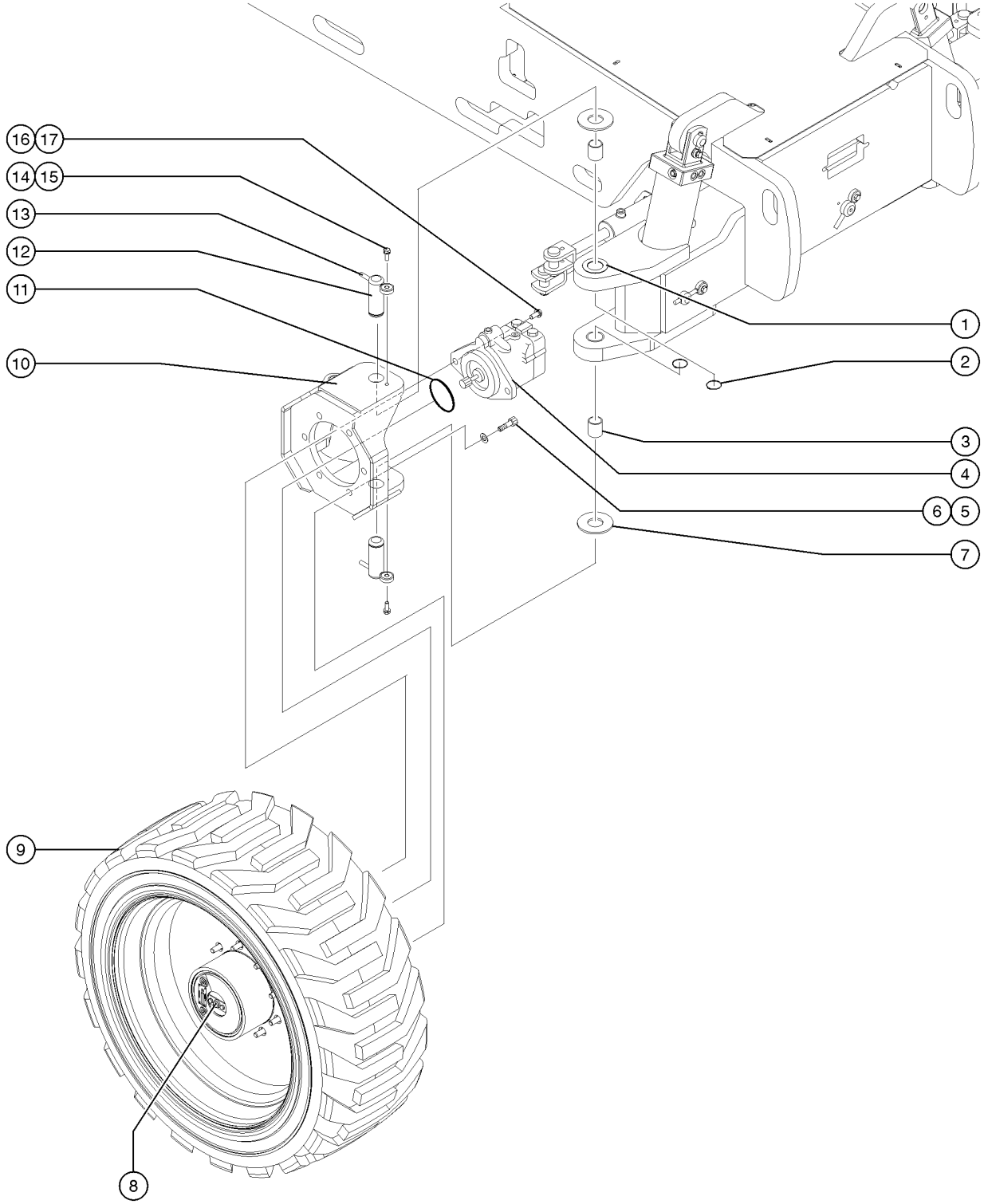
201.1 Steer-End Wheels and Hubs, 4WD Models (to SN Z452512A-43220 and Z452512B-1986)



201.1 Steer-End Wheels and Hubs, 4WD Models (to SN Z452512A-43220 and Z452512B-1986)

Item	*Part No.*	*Description*	*Qty.*
13	825019GT	ROD END, .375X3.69, ZAG	4
14	6175GT	SCREW,HHC,3/8-16 X 1	
15	6021GT	WASHER, LOCK, .375	
16	22788GT	SCREW,HHC,1/2-13 X 1.75	
17	6033GT	WASHER,LOCK,0.5"	

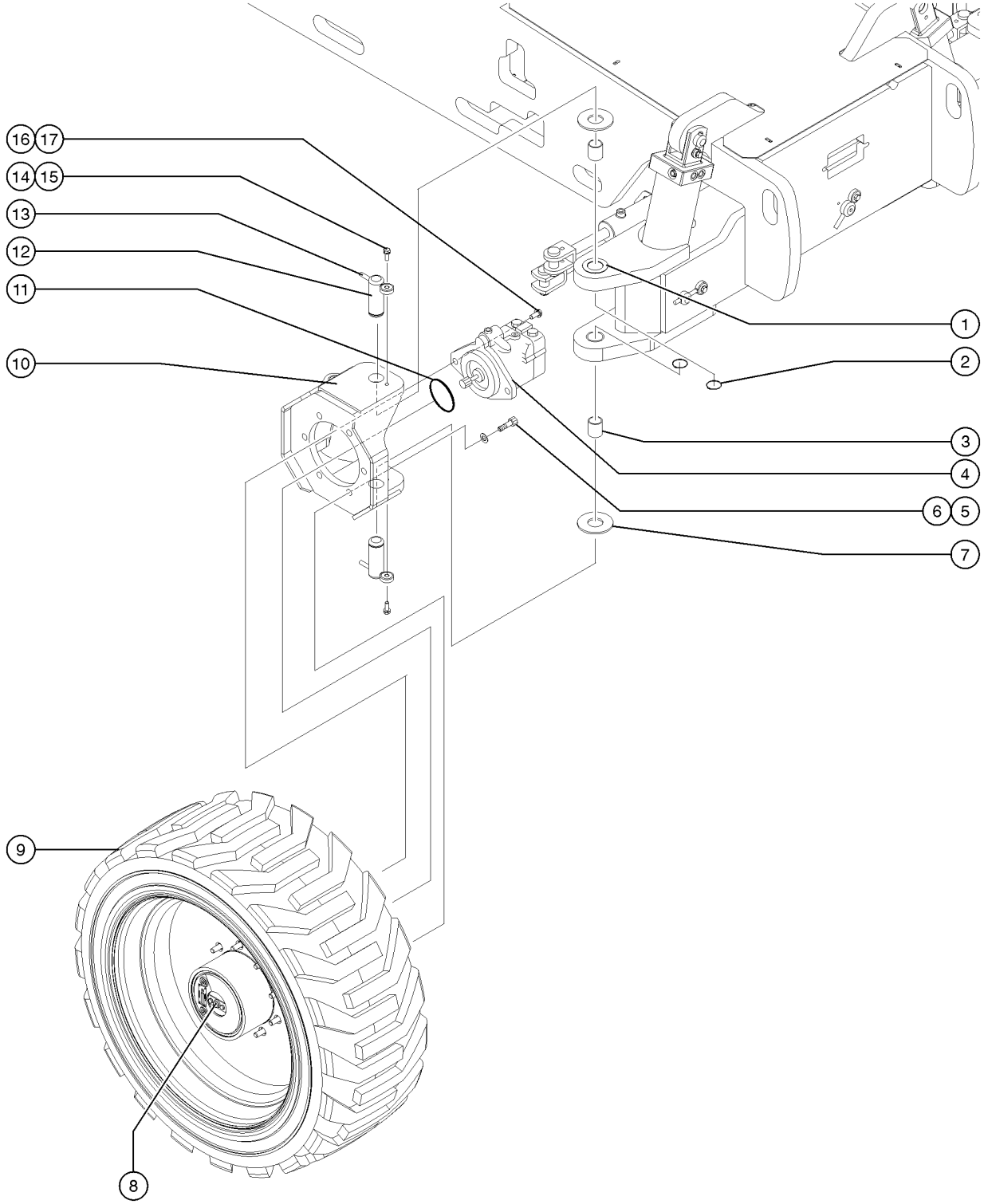
201.2 Steer-End Wheels and Hubs, 4WD Models (from SN Z452512A-43221 and Z452512B-1987)



201.2 Steer-End Wheels and Hubs, 4WD Models (from SN Z452512A-43221 and Z452512B-1987)

Item	Part No.	Description	Qty.
1	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
2	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	
3	45071GT	BEARING,1.5IDX1.75ODX1.5L	
4	33432GT	MOTOR,HYD,25CC FIXED***	2
4-	32675GT	SEAL KIT,SUNSTRAND	
5	19418GT	SCREW,SHC,5/8-11 X 1.75	12
6	13064GT	WASHER,FLAT,.625 HARDENED	12
7	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	
8A	20193GT	TORQUE HUB,35:1*** Type: FAIRFIELD. Visually identify which hub before ordering parts. ID tag is on end cover cap. Hubs are not interchangable, internal components are different for each type. All four hubs must be the same to avoid damage.(Seal Kit 1286606, Bearing Kit 1286607)	2
8A-	1286606GT	SEAL KIT,TORQUE HUB (20193)	
8A-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 20193	
8A-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** for 20193	
8A-	21143GT	BEARING KIT (45553) TORQUE HUB for 20193 (inventory limited to stock on hand as component is no longer available)	
8A-	1286607GT	BEARING KIT,TORQUE HUB (20193) for 20193	
8A-	58438GT	KIT,COVER,TORQUE HUB,45553*** for 20193	
8A-	37097GT	O-RING, TORQUE HUB for 20193	
8A-	21148GT	WASHER,THRUST,TORQUE HUB for 20193	
8A-	21146GT	COVER CAP,TORQUE HUB*** for 20193	
8A-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB for 20193	
8A-	21145GT	DISCONNECT ROD-45553 TQ.HUB for 20193	
8A-	58589GT	THRUST CAP (20193) for 20193	
8B	229763GT	WHEEL DRIVE, NON BRAKE, 35.9:1 Type: OMNI. Visually identify which hub before ordering parts. ID tag is on end cover cap. Hubs are not interchangable, internal components are different for each type. All four hubs must be the same to avoid damage.	
8B-	139965GT	WHEEL STUD,5/8-18,OMNI*** for 229763	
8B-	139966GT	ROD,DISCONNECT,OMNI*** for 229763	
8B-	139967GT	CAP,DISENGAGE,OMNI*** for 229763	
8B-	139968GT	O-RING,END COVER,OMNI*** for 229763	
8B-	229833GT	BEARING KIT, OMNI for 229763	

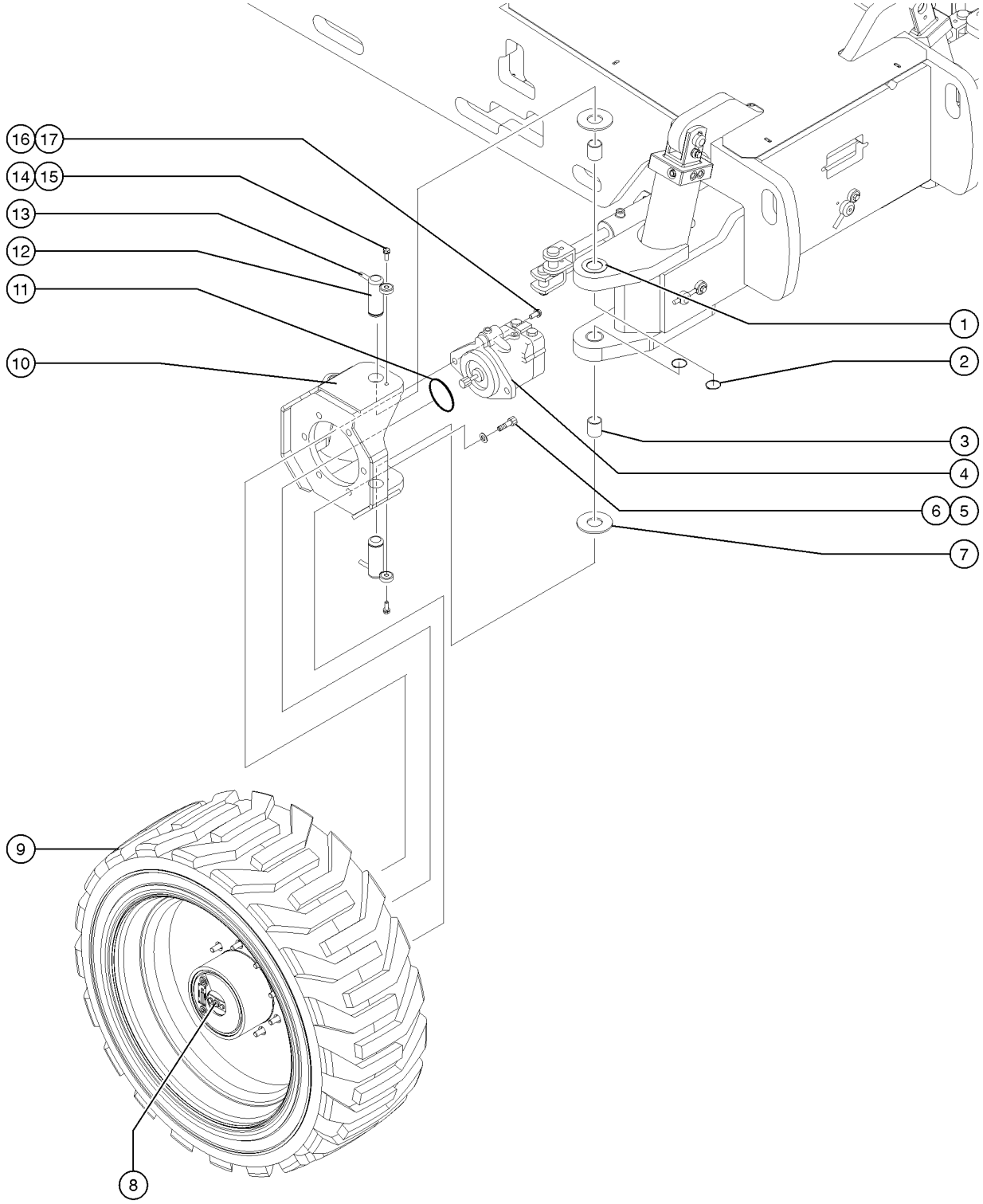
201.2 Steer-End Wheels and Hubs, 4WD Models (from SN Z452512A-43221 and Z452512B-1987)



201.2 Steer-End Wheels and Hubs, 4WD Models (from SN Z452512A-43221 and Z452512B-1987)

Item	Part No.	Description	Qty.
8B-	229834GT	SEAL KIT, OMNI for 229763	
8B-	58531GT	ORING,568-908 N552-90 NBR,10PK for 229763	
8B-	147034GT	PIPE PLUG KIT,OMNI*** for 229763	
9	94656GT	WHEEL & TIRE ASSY,RR/LF,AIR RT, Air-filled, right	2
9	94657GT	WHEEL & TIRE ASSY,LR/RF,AIR RT, Air-filled, left	
9A	88728GT	TIRE,355/55D625 for 94656, 94657	
9A	94660GT	WHEEL 24.5X11.75-9 HOLE for 94656, 94657	
9B	94666GT	WHEEL & TIRE ASSY,RR/LF,AIR,NM RT, Air-filled, Non-marking, right	
9B	94667GT	WHEEL & TIRE ASSY,LR/RF,AIR,NM RT, Air-filled, Non-marking, left	
9B-	94536GT	TIRE,355/55D625,14 PLY,NM for 94666, 94667	
9B-	94660GT	WHEEL 24.5X11.75-9 HOLE for 94666, 94667	
9C	94662GT	WHEEL & TIRE ASSY,RR/LF,FF RT, Foam-filled, right	
9C	94663GT	WHEEL & TIRE ASSY,LR/RF,FF RT, Foam-filled, left	
9D	94670GT	WHEEL & TIRE ASSY,RR/LF,FF,NM RT, Foam-filled, Non-marking, right	
9D	94671GT	WHEEL & TIRE ASSY,LR/RF,FF,NM RT, Foam-filled, Non-marking, left	
9E	110713GT	TIRE/WHEEL ASSY,LH W/SEALANT,RT RT, Air-filled, with sealant, right	
9E	110712GT	TIRE/WHEEL ASSY,RH W/SEALANT,RT RT, Air-filled, with sealant, left	
9F	110719GT	TIRE/WHEEL ASSY,RT NM W/SEALAN RT, Air-filled, Non-marking, with sealant, right	
9F	110718GT	TIRE/WHEEL ASSY,RT NM W/SEALAN RT, Air-filled, Non-marking, with sealant, left	
10A	52705-SGT	YOKE ASSY,RH,4WD,Z45/25,IC	1
10B	52704-SGT	YOKE ASSY,LH,4WD,Z45/25,IC	1
10B-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
11	52087GT	O-RING,2-044 BUNA***	2
12	88752GT	PIN,1.50DIAX4.25LG,GR/H	4
13	825019GT	ROD END, .375X3.69, ZAG	4
14	6175GT	SCREW,HHC,3/8-16 X 1	
15	6021GT	WASHER, LOCK, .375	
16	22788GT	SCREW,HHC,1/2-13 X 1.75	

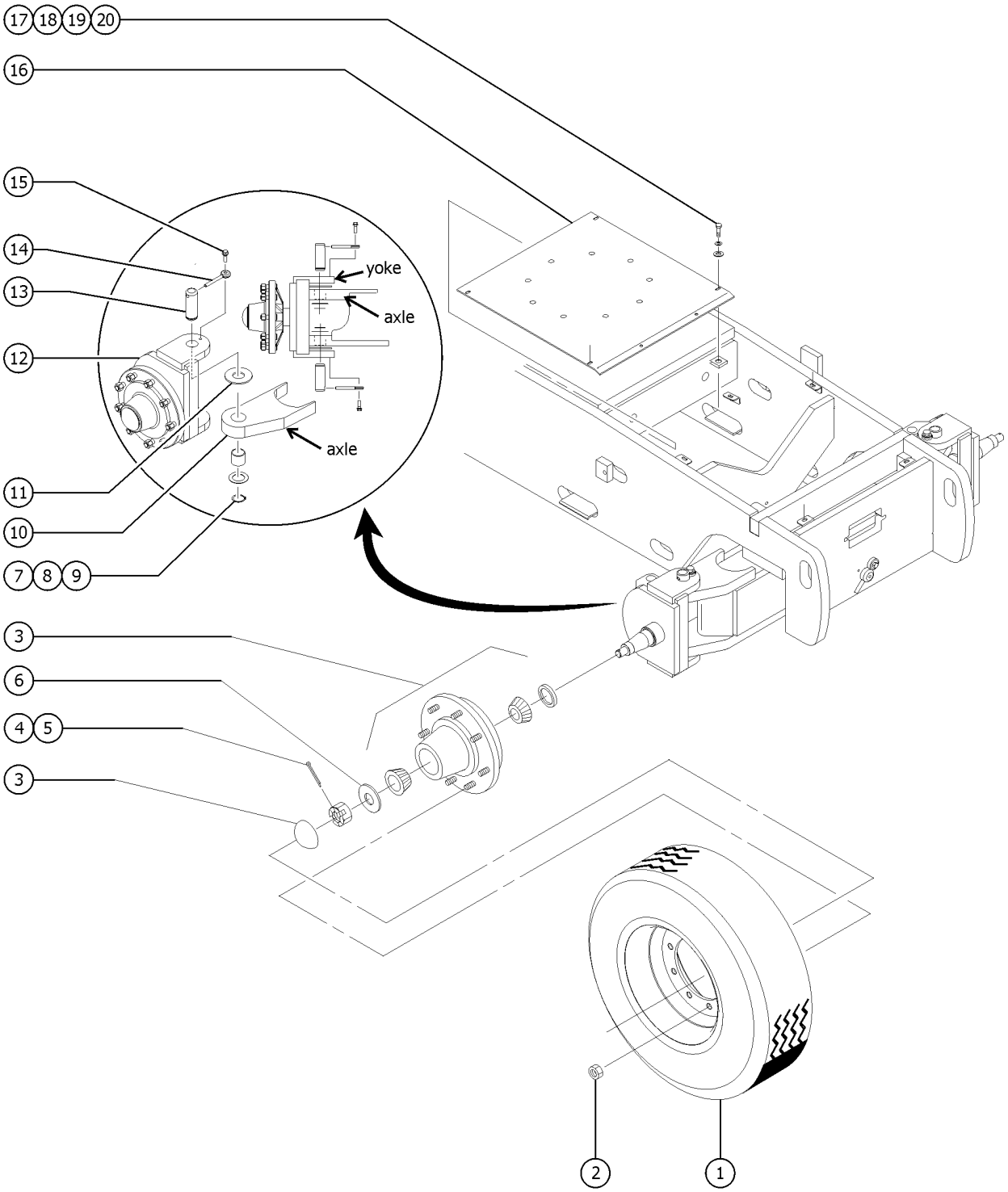
201.2 Steer-End Wheels and Hubs, 4WD Models (from SN Z452512A-43221 and Z452512B-1987)



201.2 Steer-End Wheels and Hubs, 4WD Models (from SN Z452512A-43221 and Z452512B-1987)

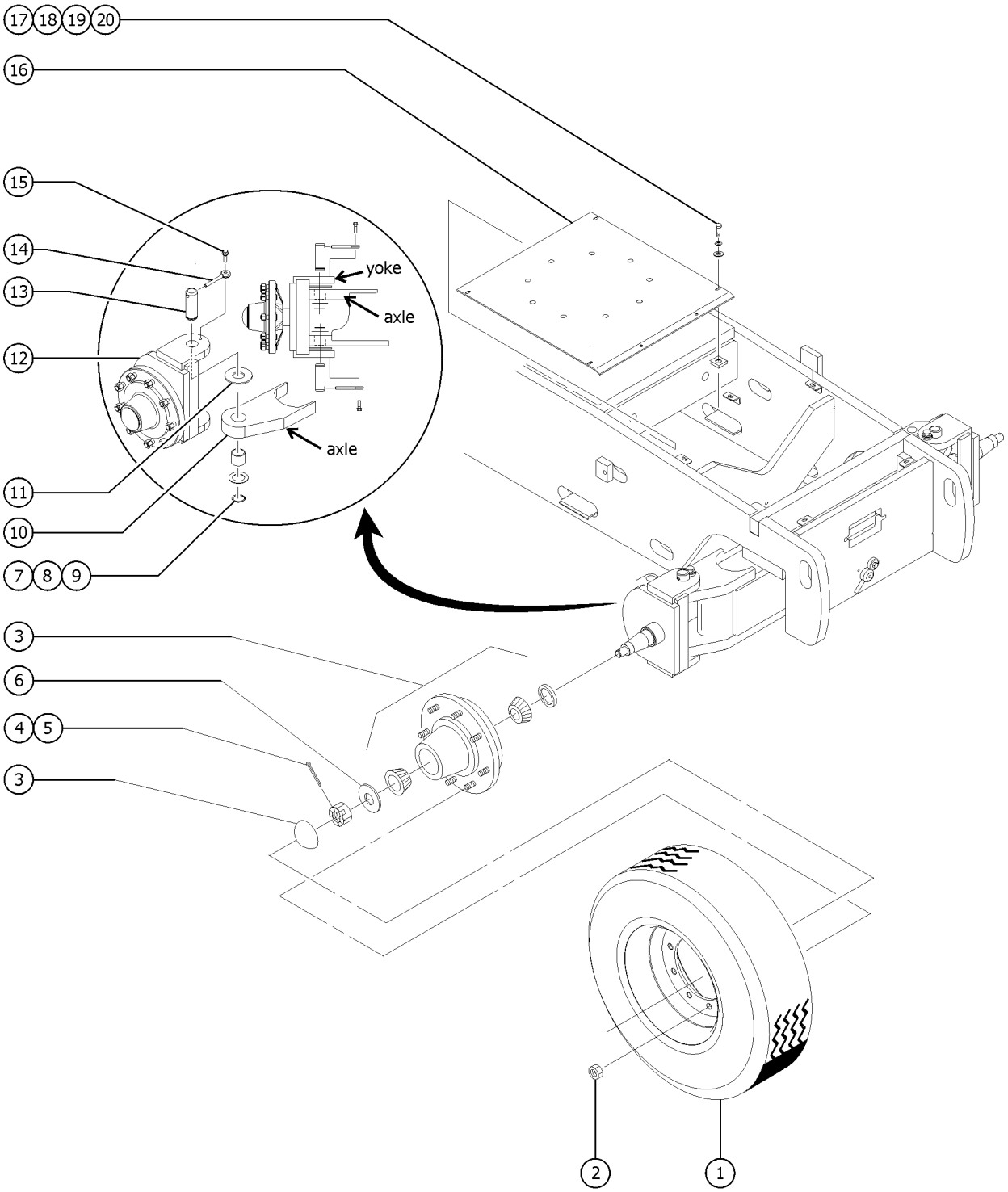
Item	*Part No.*	*Description*	*Qty.*
17	6033GT	WASHER,LOCK,0.5"	

202.1 Steer-End Wheels and Hubs, 2WD Models



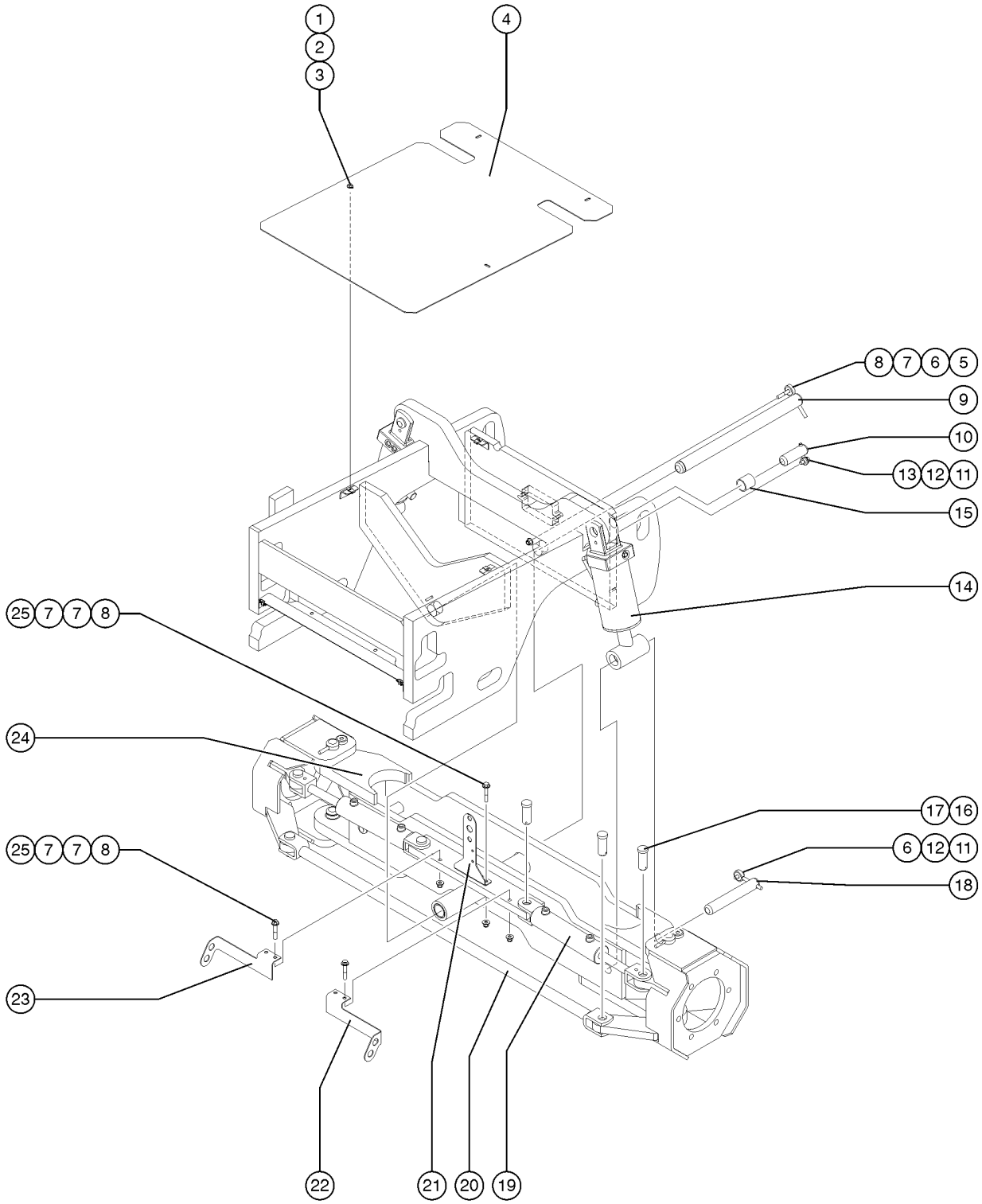
Item	Part No.	Description	Qty.
1	1267779GT	TIRE/WH ASSY,9 LG,FOAM,S FRONT Narrow models (steer end)	2
1-	1267781GT	TIRE/WH ASSY,9 LG,NM,FOAM,S FR Narrow models (steer end)	
1-	94658GT	WHEEL & TIRE ASSY,2WD,LF,AIR	1
1-	94659GT	WHEEL & TIRE ASSY,2WD.RF.AOR	
1-	94664GT	WHEEL & TIRE ASSY,2WD,LF,FF	
1-	94665GT	WHEEL & TIRE ASSY,2WD,RF,FF	
1-	110712GT	TIRE/WHEEL ASSY,RH W/SEALANT,RT	
1-	110713GT	TIRE/WHEEL ASSY,LH W/SEALANT,RT	
1-	110718GT	TIRE/WHEEL ASSY,RT NM W/SEALAN	
1-	110719GT	TIRE/WHEEL ASSY,RT NM W/SEALAN	
1A	54139GT	WHEEL,14.5 X 7 Narrow models	
1A-	94660GT	WHEEL 24.5X11.75-9 HOLE	
1A-	94661GT	WHEEL 24.5X11.75-8 HOLE,AIR	
1A-	54140GT	TUBELESS PNEUMATIC TIRE,9-14LT Narrow models	
1A-	54234GT	TUBELESS TIRE,9-14.5,NON-M 47# Narrow models	
1A-	88728GT	TIRE,355/55D625	
1A-	94536GT	TIRE,355/55D625,14 PLY,NM	
2	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	
2-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	
3	54840GT	HUB ASSEMBLY,9 BOLT*** Narrow models	2
3-	54959GT	CAP,DUST (54840 HUB ASSY)	
3-	54961GT	BEARING,INNER,9 BOLT HUB***	
3-	54962GT	BEARING,OUTER,9 BOLT HUB***	
3-	54960GT	SEAL-GREASE,9-BOLT HUB 54840	
3-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	
3-	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	
3A	45043GT	HUB ASSEMBLY MODEL#60-8*** Rough Terrain Tires	2
3A-	21166GT	LUG BOLT,5/8-18,WHEEL HUB*** for 45043	6

202.1 Steer-End Wheels and Hubs, 2WD Models



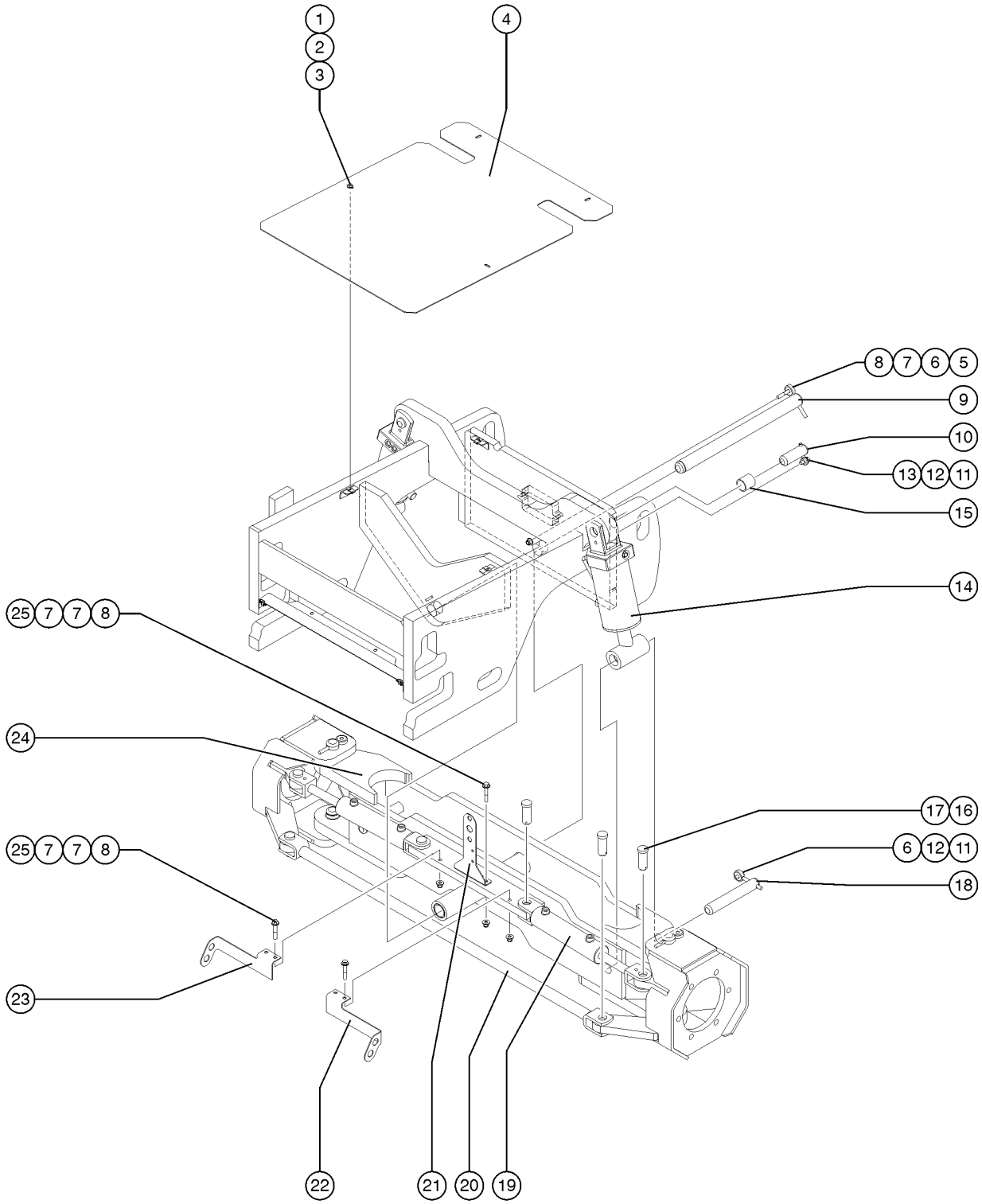
Item	Part No.	Description	Qty.
3A-	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	
3A-	45111GT	CAP,DUST,45873 HUB KIT	
3A-	45107GT	INNER CONE - MODEL 60-8 large bearing race not included	
3A-	45108GT	OUTER CONE - MODEL 60-8 small bearing race not included	
3A-	45110GT	SEAL-GREASE,MODEL 60-8	
3A-	45873GT	SEAL/BEARING KIT (45043,54840)	
4	45114GT	PIN,COTTER,.219 X 1.75	2
5	45113GT	NUT,SPINDLE,1-14	2
6	45112GT	WASHER,SPINDLE	2
7	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	4
8	1251565GT	WASHER,SHIM,1.56X2.5X.061,ZAG	4
9	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	4
10		AXLE Refer to 203.1 or 204.1	
11	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	4
12A	50396GT	YOKE MACHINING R.H.(2WD) (shown)	1
12B	50395GT	YOKE MACHINING L.H.(2WD)	1
13	88752GT	PIN,1.50DIAX4.25LG,GR/H	4
14	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	4
15	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	4
16	120269GT	FORMING,BELLY PAN	1
17	6888GT	SCREW, HHC, 1/4-20 X 1	
18	6356GT	WASHER, LOCK, .25	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	

203.1 Steer Axle Linkage



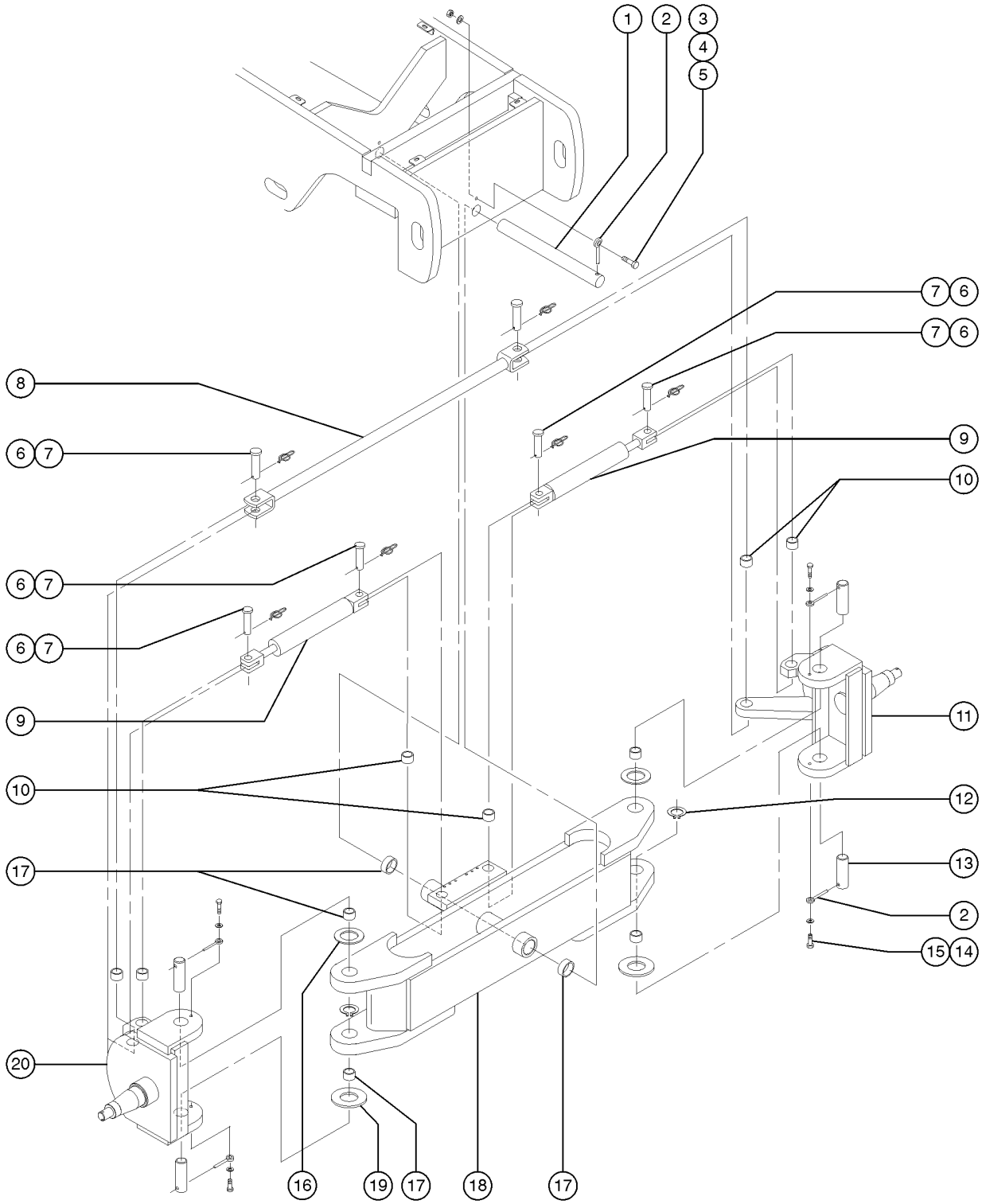
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	52731GT	COVER W/DECALS,STEER,OSC,Z45	1
5	6708GT	SCREW,HHC,3/8-16 X 2.25	
6	825019GT	ROD END, .375X3.69, ZAG	3
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8	4828GT	NUT, NYLOCK, 3/8-16	
9	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	1
10	50742GT	PIN,1.25DIAX3.75LG,1HOLE	2
11	6175GT	SCREW,HHC,3/8-16 X 1	
12	6021GT	WASHER, LOCK, .375	
13	1255452GT	ROD END,.375 X 2.25,ZAG	2
14	54567GT	CYLINDER,OSCILLATE,Z45*** models with oscillate option	2
14-	65791GT	SEAL KIT,CYL,Z45 (54567)	
14-	77409GT	VALVE,COUNTERBALANCE,1000 ATM	
14-	25683GT	BEARING,POLYGON,20DU12	
15	13009GT	BEARING,1.25IDX1.50ODX1.50L	
16	19440GT	PIN,CLEVIS,1 X 2.5 LG	6
17	74389GT	RUE RING 1.00	6
18	36198GT	PIN,1.25DIAX8.12LG,1HOLE	2
19	88337GT	CYLINDER,STEER	2
19-	88338GT	SEAL KIT, 88337	
20	50328-SGT	TIE ROD WELDMENT	1
21	70616GT	BRACKET,OSC HOSE BULKHEAD	1
22	50947GT	BRACKET,FRONT DRIVE HOSES,RH	1
23	50901GT	BRACKET,FRONT DRIVE HOSES,LH	1
24	119979GT	AXLE ASSY,FRONT,WIDE Z45/Z51	1

203.1 Steer Axle Linkage



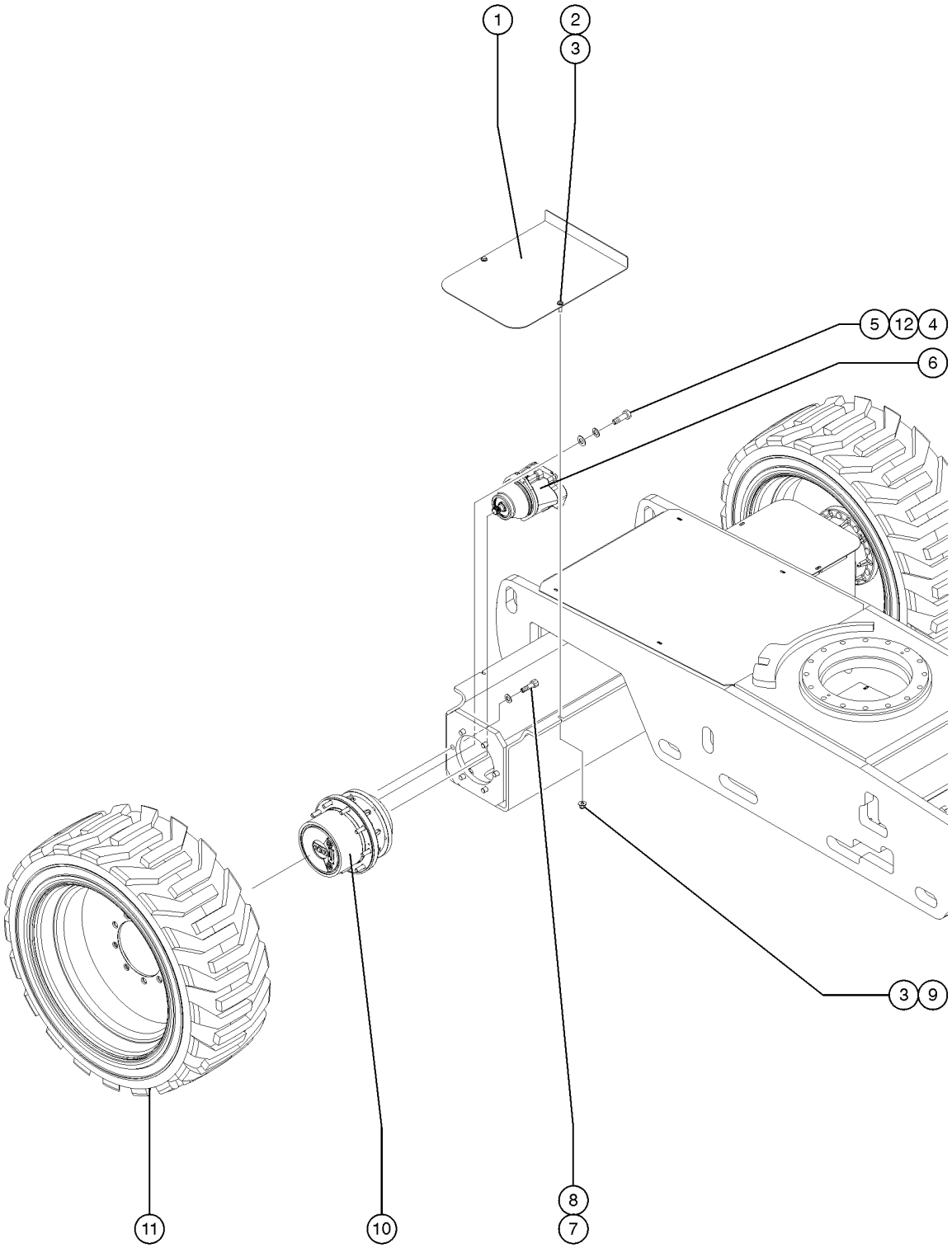
Item	*Part No.*	*Description*	*Qty.*
24-	45071GT	BEARING,1.5IDX1.75ODX1.5L	
24-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
25	5224GT	SCREW,HHC,3/8-16 X 2	

204.1 Steer Axle, Narrow Models



Item	Part No.	Description	Qty.
1	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	1
2	825019GT	ROD END, .375X3.69, ZAG	
3	6708GT	SCREW,HHC,3/8-16 X 2.25	
4	5397GT	WASHER, FLAT, USS, 5/16-18	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	19440GT	PIN,CLEVIS,1 X 2.5 LG	6
7	74389GT	RUE RING 1.00	6
8	229798GT	TIE ROD WELDMENT, NARROW	1
9	88337GT	CYLINDER,STEER	2
9-	88338GT	SEAL KIT, 88337	
10	25817GT	BEARING,1.00IDX1.25ODX1.00L	6
11	52733-SGT	YOKE ASSY.LH'2WD'Z45IC includes item 10	1
12	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	
13	88752GT	PIN,1.50DIAX4.25LG,GR/H	4
14	6175GT	SCREW,HHC,3/8-16 X 1	
15	6021GT	WASHER, LOCK, .375	
16	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	2
17	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
18	119981GT	AXLE ASSY,FRONT,NARROW Z45/Z51 includes items 10 and 17	
19	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	
20	52734-SGT	YOKE ASSY.RH'2WD'Z45IC includes 2 of item 10	1

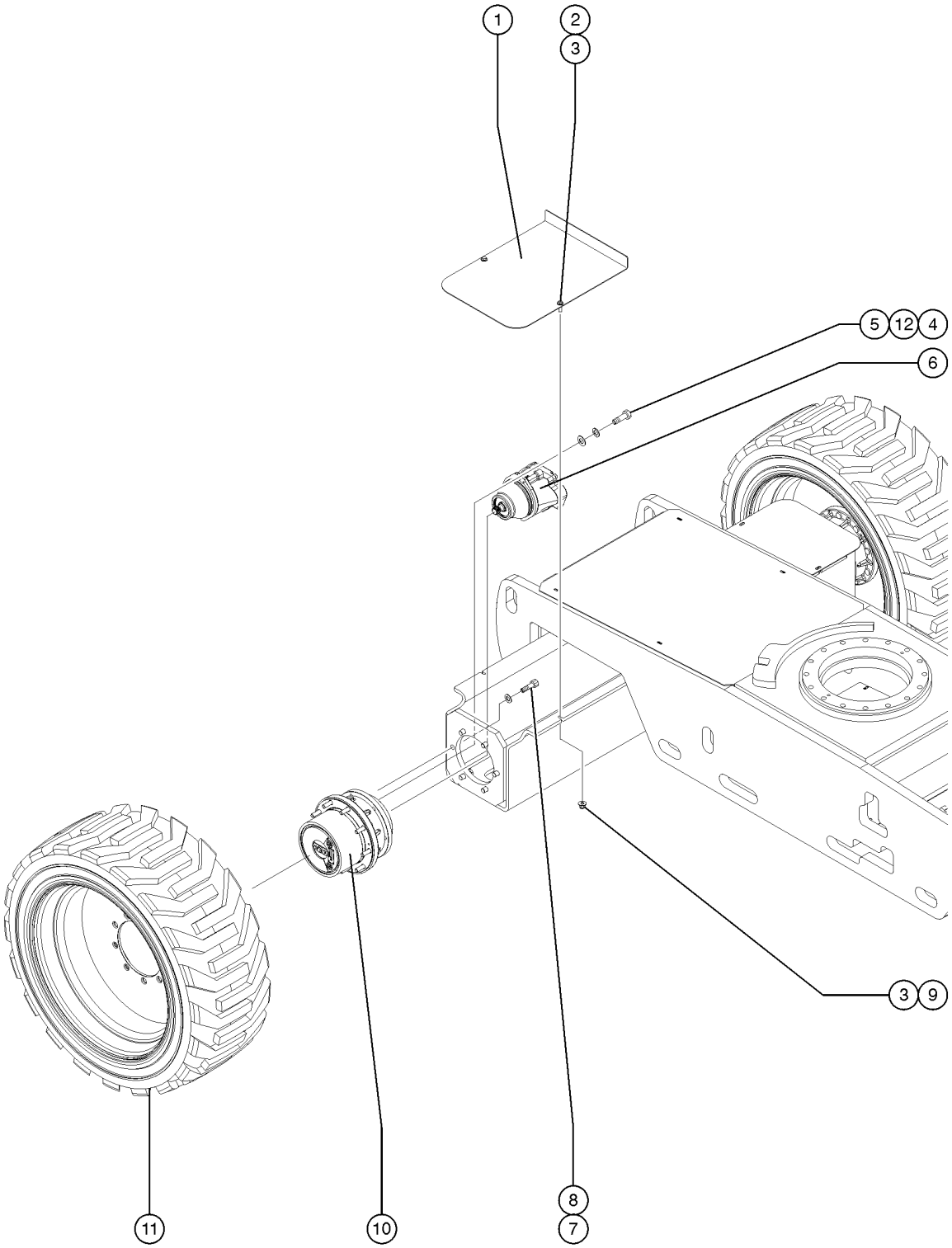
205.1 Non-steer End Wheels and Hubs (to SN Z452512A-43220 and Z452512B-1986)



205.1 Non-steer End Wheels and Hubs (to SN Z452512A-43220 and Z452512B-1986)

Item	Part No.	Description	Qty.
1	110150GT	COVER,REAR AXLE,WIDE	2
2	6888GT	SCREW, HHC, 1/4-20 X 1	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	88296GT	SCREW,HHC,7/16-14 X 1.25	
5	6097GT	WASHER, FLAT, USS, 3/8", Y	
6	106151GT	MOTOR,PISTON,LC30,1 DEG,13T 4WD Models	1
6-	106098GT	SEAL KIT,MOTOR,LC/KC*** 2WD models	
6-	106118GT	O-RING,2-157,VITON*** O-ring on motor	
7	28117GT	SCREW,SHC,5/8-11 X 1.5	6
8	13064GT	WASHER,FLAT,.625 HARDENED	6
9	6889GT	NUT,LP NYLOCK,1/4-20	
10A	101584GT	WHEEL DRIVE W/BRAKE 57:1 Type: FAIRFIELD. Visually identify which hub before ordering parts. ID tag is on end cover cap. Hubs are not interchangeable, internal components are different for each type. All four hubs must be the same to avoid damage.(Seal Kit 1286602, Bearing Kit 1286603)	2
10A-	58320GT	KIT,TORQUE HUB COVER(101584)** for 101584	
10A-	215777GT	INPUT CARRIER, SUB-ASSEMBLY for 101584	
10A-	106117GT	O-RING,2-010,VITON for 101584 (Mating O-ring for Brake Port)(Extremely small)	
10A-	106119GT	SEAL KIT, GEARBOX, 4HP for 101584	
10A-	106120GT	WHEEL STUD, 4HP, 5/8-18*** for 101584	
10A-	824042GT	NUT,LUG,5/8-18X90 DEG,ZAG for 106120	
10A-	106121GT	ROD,DISCONNECT 4HP/4HB*** for 101584	
10A-	106122GT	CAP,DISENGAGE,4HP/4HB*** for 101584	
10A-	106123GT	O-RING,END COVER,4HP/4HB*** for 101584	
10A-	106124GT	LINING KIT, BRAKE, 4HP*** for 101584	
10A-	106125GT	SEAL KIT, BRAKE, 4HP for 101584 ((inventory limited to stock on hand as component is no longer available), replace by 1286602GT	
10A-	1286602GT	SEAL KIT,WHEEL DRIVE W/BRAKE (101584/101585) for 101584	
10A-	1286603GT	BEARING KIT,WHEEL DRIVE W/BRAKE (101584/101585) for 101584	
10A-	146051GT	BEARING NUT*** for 101584	
10A-	146052GT	SET SCREW*** for 146051	

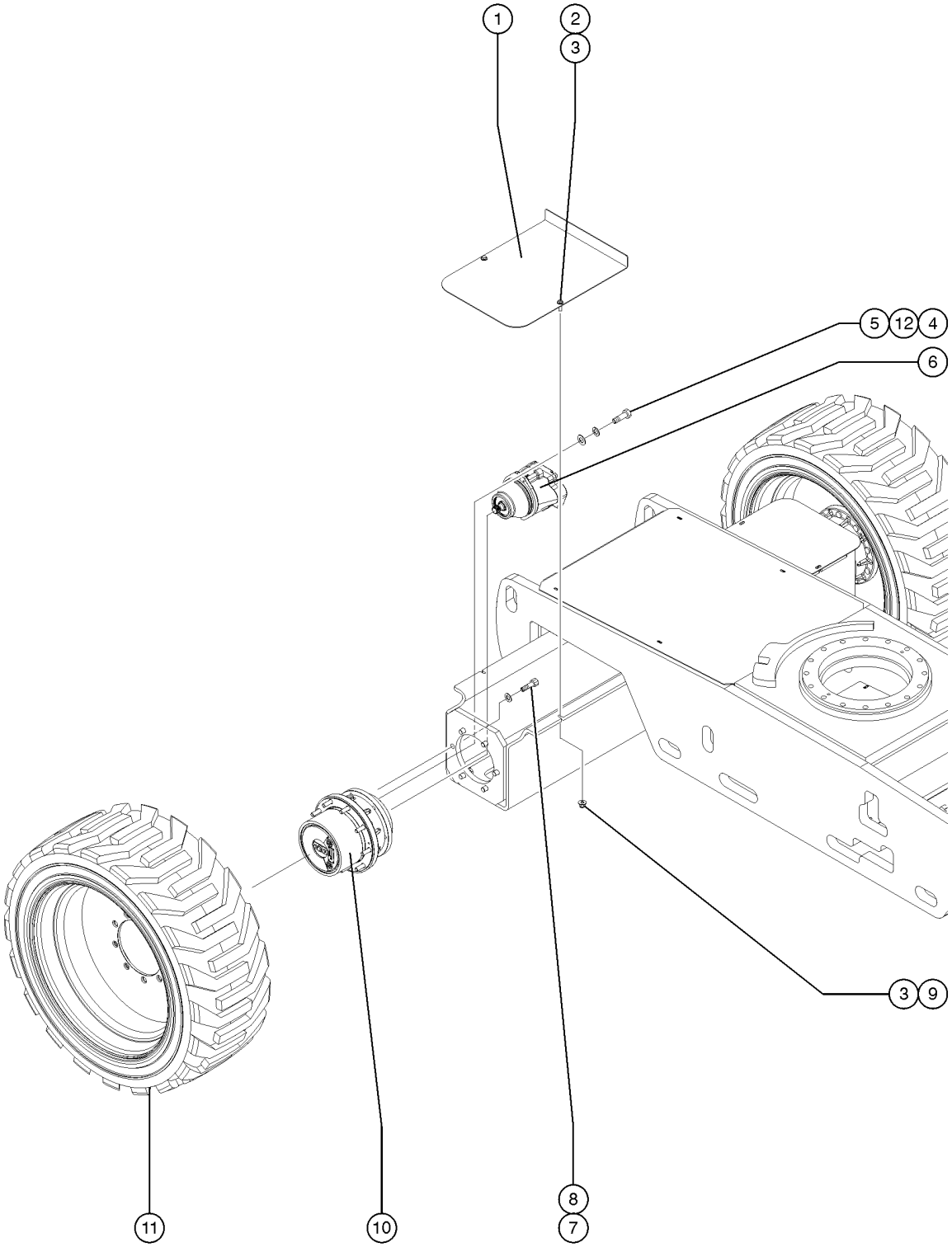
205.1 Non-steer End Wheels and Hubs (to SN Z452512A-43220 and Z452512B-1986)



205.1 Non-steer End Wheels and Hubs (to SN Z452512A-43220 and Z452512B-1986)

Item	Part No.	Description	Qty.
10B	139330GT	WHEEL DRIVE W/ BRAKE,57:1*** Type: OMNI. Visually identify which hub before ordering parts. ID tag is on end cover cap. Hubs are not interchangeable, internal components are different for each type. All four hubs must be the same to avoid damage.	
10B-	139965GT	WHEEL STUD,5/8-18,OMNI*** ..... for 139330	
10B-	9990184GT	RETAINING RING, INTERNAL, #180 (COMPONENT OF 139330GT) ..... for 139330	
10B-	139966GT	ROD,DISCONNECT,OMNI*** ..... for 139330	
10B-	139967GT	CAP,DISENGAGE,OMNI*** ..... for 139330	
10B-	139968GT	O-RING,END COVER,OMNI*** ..... for 139330	
10B-	139969GT	LINING KIT,BRAKE,OMNI*** ..... for 139330	
10B-	139970GT	SEAL KIT,BRAKE,OMNI*** ..... for 139330	
10B-	139971GT	BEARING KIT,OMNI*** ..... for 139330	
10B-	139972GT	SEAL KIT,GEARBOX,OMNI*** ..... for 139330	
10B-	147033GT	O-RING,PIPE PLUG KIT,OMNI*** ..... for 139330	
10B-	147034GT	PIPE PLUG KIT,OMNI*** ..... for 139330	
11	94656GT	WHEEL & TIRE ASSY,RR/LF,AIR ..... RT, Air-filled, right	2
11	94657GT	WHEEL & TIRE ASSY,LR/RF,AIR ..... RT, Air-filled, left	
11-	88728GT	TIRE,355/55D625 ..... for 94656, 94657	
11-	94660GT	WHEEL 24.5X11.75-9 HOLE ..... for 94656, 94657	
11A	94666GT	WHEEL & TIRE ASSY,RR/LF,AIR,NM ..... RT, Air-filled, Non-marking, right	
11A	94667GT	WHEEL & TIRE ASSY,LR/RF,AIR,NM ..... RT, Air-filled, Non-marking, left	
11A-	94536GT	TIRE,355/55D625,14 PLY,NM ..... for 94666, 94667	
11A-	94660GT	WHEEL 24.5X11.75-9 HOLE ..... for 94666, 94667	
11B	94662GT	WHEEL & TIRE ASSY,RR/LF,FF ..... RT, Foam-filled, right	
11B	94663GT	WHEEL & TIRE ASSY,LR/RF,FF ..... RT, Foam-filled, left	
11C	94670GT	WHEEL & TIRE ASSY,RR/LF,FF,NM ..... RT, Foam-filled, Non-marking, right	
11C	94671GT	WHEEL & TIRE ASSY,LR/RF,FF,NM ..... RT, Foam-filled, Non-marking, left	
11D	110713GT	TIRE/WHEEL ASSY,LH W/SEALANT,RT ..... RT, Air-filled, with sealant, right	
11D	110712GT	TIRE/WHEEL ASSY,RH W/SEALANT,RT ..... RT, Air-filled, with sealant, left	
11E	110719GT	TIRE/WHEEL ASSY,RT NM W/SEALAN ..... RT, Air-filled, Non-marking, with sealant, right	

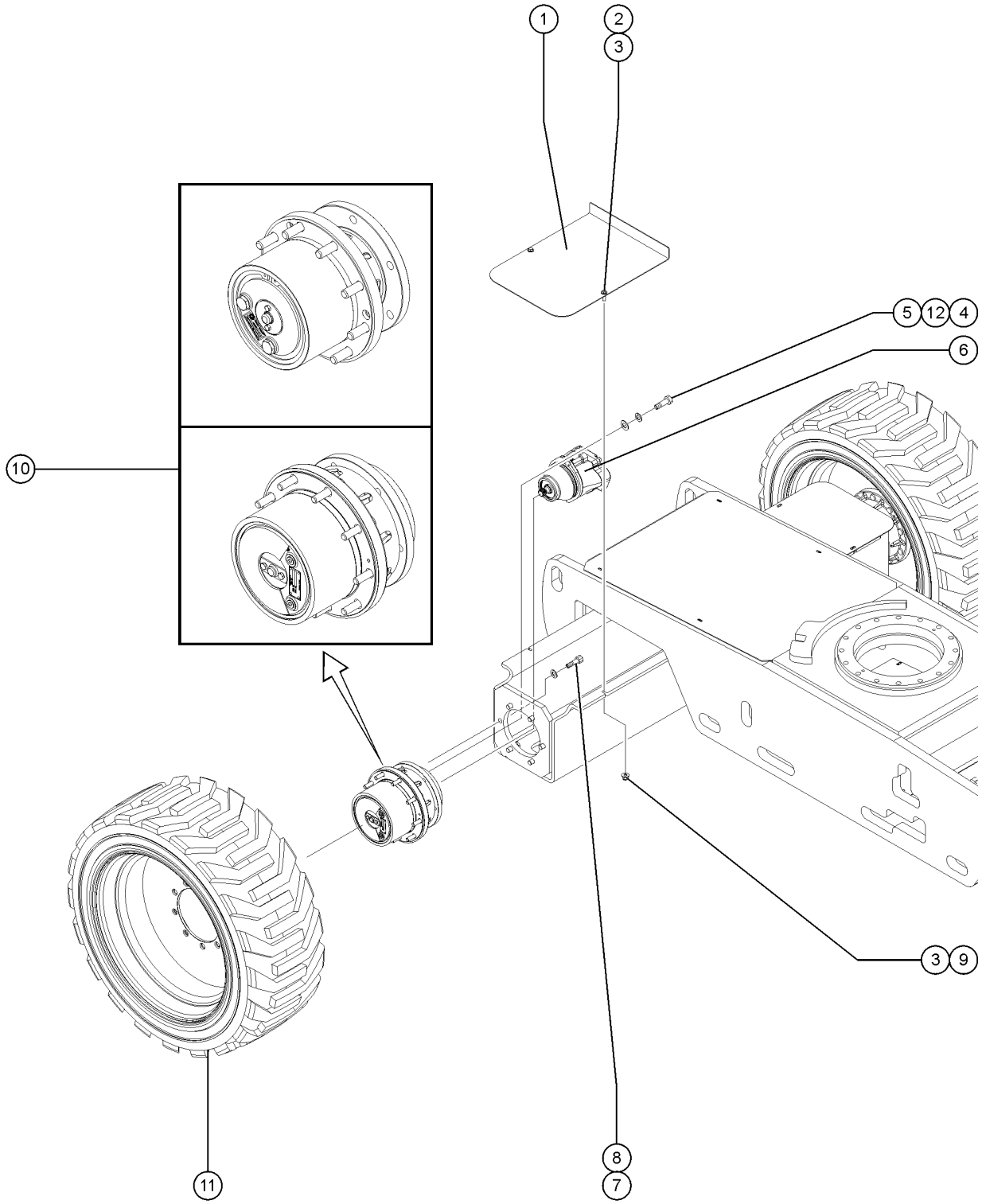
205.1 Non-steer End Wheels and Hubs (to SN Z452512A-43220 and Z452512B-1986)



205.1 Non-steer End Wheels and Hubs (to SN Z452512A-43220 and Z452512B-1986)

Item	*Part No.*	*Description*	*Qty.*
11E	110718GT	TIRE/WHEEL ASSY,RT NM W/SEALAN RT, Air-filled, Non-marking, with sealant, left	
12	20912GT	WASHER,LOCK,.437,PLTD	

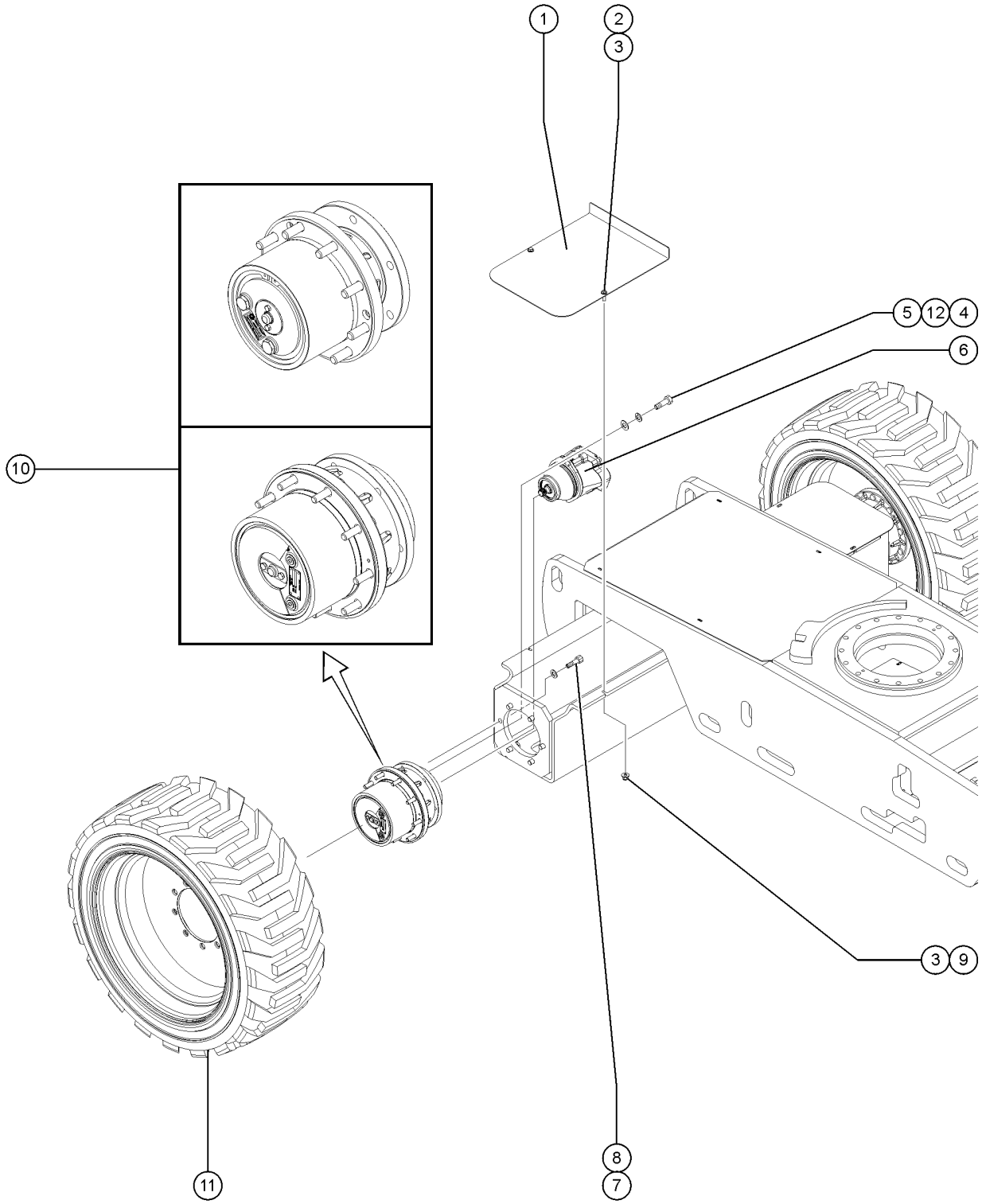
205.2 Non-steer End Wheels and Hubs (from SN Z452512A-43221 and Z452512B-1987)



205.2 Non-steer End Wheels and Hubs (from SN Z452512A-43221 and Z452512B-1987)

Item	Part No.	Description	Qty.
1	110150GT	COVER,REAR AXLE,WIDE	2
2	6888GT	SCREW, HHC, 1/4-20 X 1	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	88296GT	SCREW,HHC,7/16-14 X 1.25	
5	6097GT	WASHER, FLAT, USS, 3/8", Y	
6	106151GT	MOTOR,PISTON,LC30,1 DEG,13T 4WD Models	1
6-	106098GT	SEAL KIT,MOTOR,LC/KC*** 2WD models	
6-	106118GT	O-RING,2-157,VITON*** O-ring on motor	
7	28117GT	SCREW,SHC,5/8-11 X 1.5	6
8	13064GT	WASHER,FLAT,.625 HARDENED	6
9	6889GT	NUT,LP NYLOCK,1/4-20	
10A	101584GT	WHEEL DRIVE W/BRAKE 57:1 Type: FAIRFIELD. Visually identify which hub before ordering parts. ID tag is on end cover cap. Hubs are not interchangeable, internal components are different for each type. All four hubs must be the same to avoid damage.(Seal Kit 1286602, Bearing Kit 1286603)	2
10A-	58320GT	KIT,TORQUE HUB COVER(101584)** for 101584	
10A-	215777GT	INPUT CARRIER, SUB-ASSEMBLY for 101584	
10A-	106117GT	O-RING,2-010,VITON for 101584 (Mating O-ring for Brake Port)(Extremely small)	
10A-	106119GT	SEAL KIT, GEARBOX, 4HP for 101584	
10A-	106120GT	WHEEL STUD, 4HP, 5/8-18*** for 101584	
10A-	106121GT	ROD,DISCONNECT 4HP/4HB*** for 101584	
10A-	106122GT	CAP,DISENGAGE,4HP/4HB*** for 101584	
10A-	106123GT	O-RING,END COVER,4HP/4HB*** for 101584	
10A-	106124GT	LINING KIT, BRAKE, 4HP*** for 101584	
10A-	106125GT	SEAL KIT, BRAKE, 4HP for 101584 (inventory limited to stock on hand as component is no longer available), replace by 1286602GT	
10A-	1286602GT	SEAL KIT,WHEEL DRIVE W/BRAKE (101584/101585) for 101584	
10A-	1286603GT	BEARING KIT,WHEEL DRIVE W/BRAKE (101584/101585) for 101584	
10A-	146051GT	BEARING NUT*** for 101584	
10A-	146052GT	SET SCREW*** for 146051	

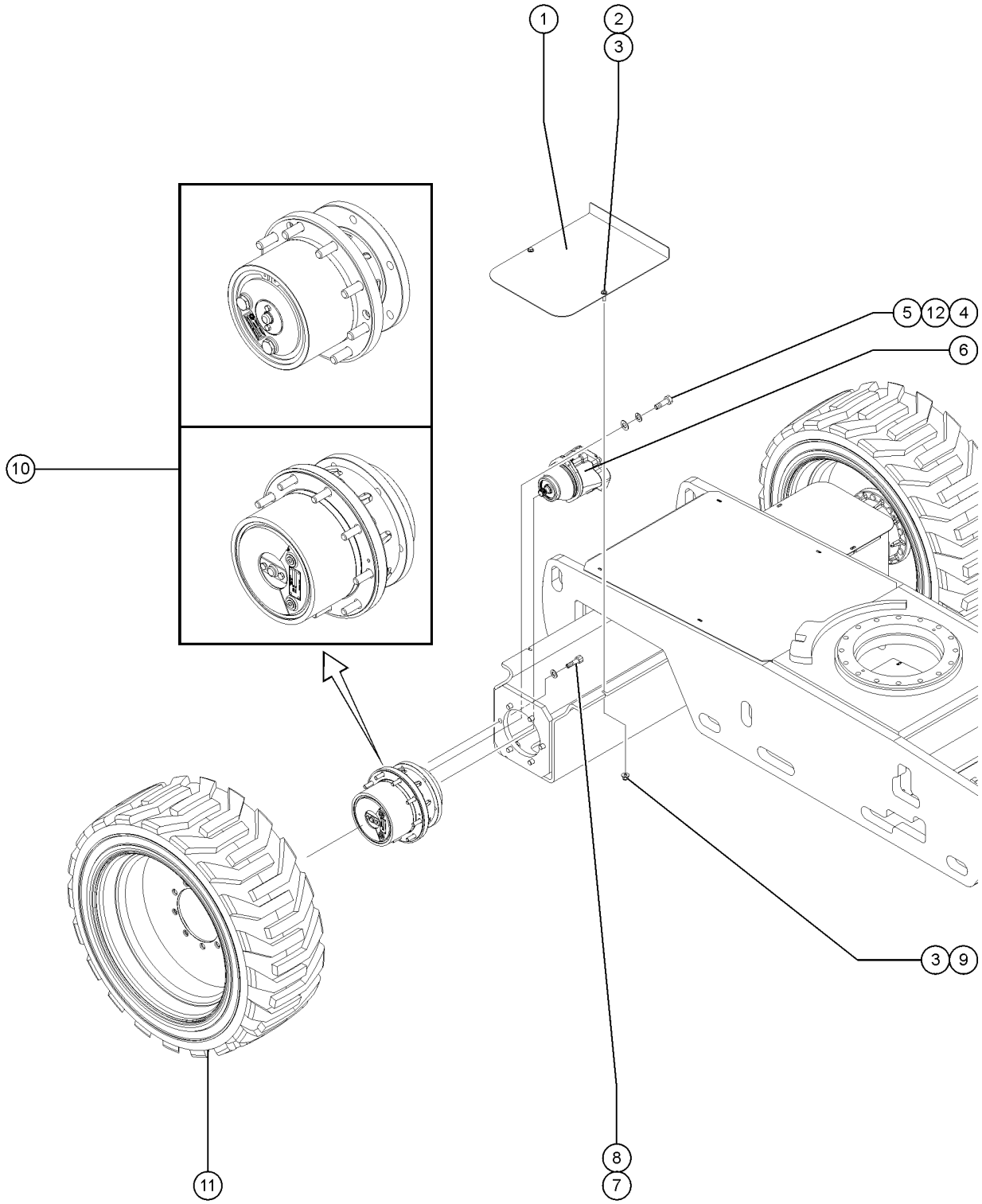
205.2 Non-steer End Wheels and Hubs (from SN Z452512A-43221 and Z452512B-1987)



205.2 Non-steer End Wheels and Hubs (from SN Z452512A-43221 and Z452512B-1987)

Item	Part No.	Description	Qty.
10B	139330GT	WHEEL DRIVE W/ BRAKE,57:1*** Type: OMNI. Visually identify which hub before ordering parts. ID tag is on end cover cap. Hubs are not interchangeable, internal components are different for each type. All four hubs must be the same to avoid damage.	
10B-	139965GT	WHEEL STUD,5/8-18,OMNI*** ..... for 139330	
10B-	9990184GT	RETAINING RING, INTERNAL, #180 (COMPONENT OF 139330GT) ..... for 139330	
10B-	139966GT	ROD,DISCONNECT,OMNI*** ..... for 139330	
10B-	139967GT	CAP,DISENGAGE,OMNI*** ..... for 139330	
10B-	139968GT	O-RING,END COVER,OMNI*** ..... for 139330	
10B-	139969GT	LINING KIT,BRAKE,OMNI*** ..... for 139330	
10B-	139970GT	SEAL KIT,BRAKE,OMNI*** ..... for 139330	
10B-	139971GT	BEARING KIT,OMNI*** ..... for 139330	
10B-	139972GT	SEAL KIT,GEARBOX,OMNI*** ..... for 139330	
10B-	147033GT	O-RING,PIPE PLUG KIT,OMNI*** ..... for 139330	
10B-	147034GT	PIPE PLUG KIT,OMNI*** ..... for 139330	
11	94656GT	WHEEL & TIRE ASSY,RR/LF,AIR ..... RT, Air-filled, right	2
11	94657GT	WHEEL & TIRE ASSY,LR/RF,AIR ..... RT, Air-filled, left	
11-	88728GT	TIRE,355/55D625 ..... for 94656, 94657	
11-	94660GT	WHEEL 24.5X11.75-9 HOLE ..... for 94656, 94657	
11A	94666GT	WHEEL & TIRE ASSY,RR/LF,AIR,NM ..... RT, Air-filled, Non-marking, right	
11A	94667GT	WHEEL & TIRE ASSY,LR/RF,AIR,NM ..... RT, Air-filled, Non-marking, left	
11A-	94536GT	TIRE,355/55D625,14 PLY,NM ..... for 94666, 94667	
11A-	94660GT	WHEEL 24.5X11.75-9 HOLE ..... for 94666, 94667	
11B	94662GT	WHEEL & TIRE ASSY,RR/LF,FF ..... RT, Foam-filled, right	
11B	94663GT	WHEEL & TIRE ASSY,LR/RF,FF ..... RT, Foam-filled, left	
11C	94670GT	WHEEL & TIRE ASSY,RR/LF,FF,NM ..... RT, Foam-filled, Non-marking, right	
11C	94671GT	WHEEL & TIRE ASSY,LR/RF,FF,NM ..... RT, Foam-filled, Non-marking, left	
11D	110713GT	TIRE/WHEEL ASSY,LH W/SEALANT,RT ..... RT, Air-filled, with sealant, right	
11D	110712GT	TIRE/WHEEL ASSY,RH W/SEALANT,RT ..... RT, Air-filled, with sealant, left	
11E	110719GT	TIRE/WHEEL ASSY,RT NM W/SEALAN ..... RT, Air-filled, Non-marking, with sealant, right	

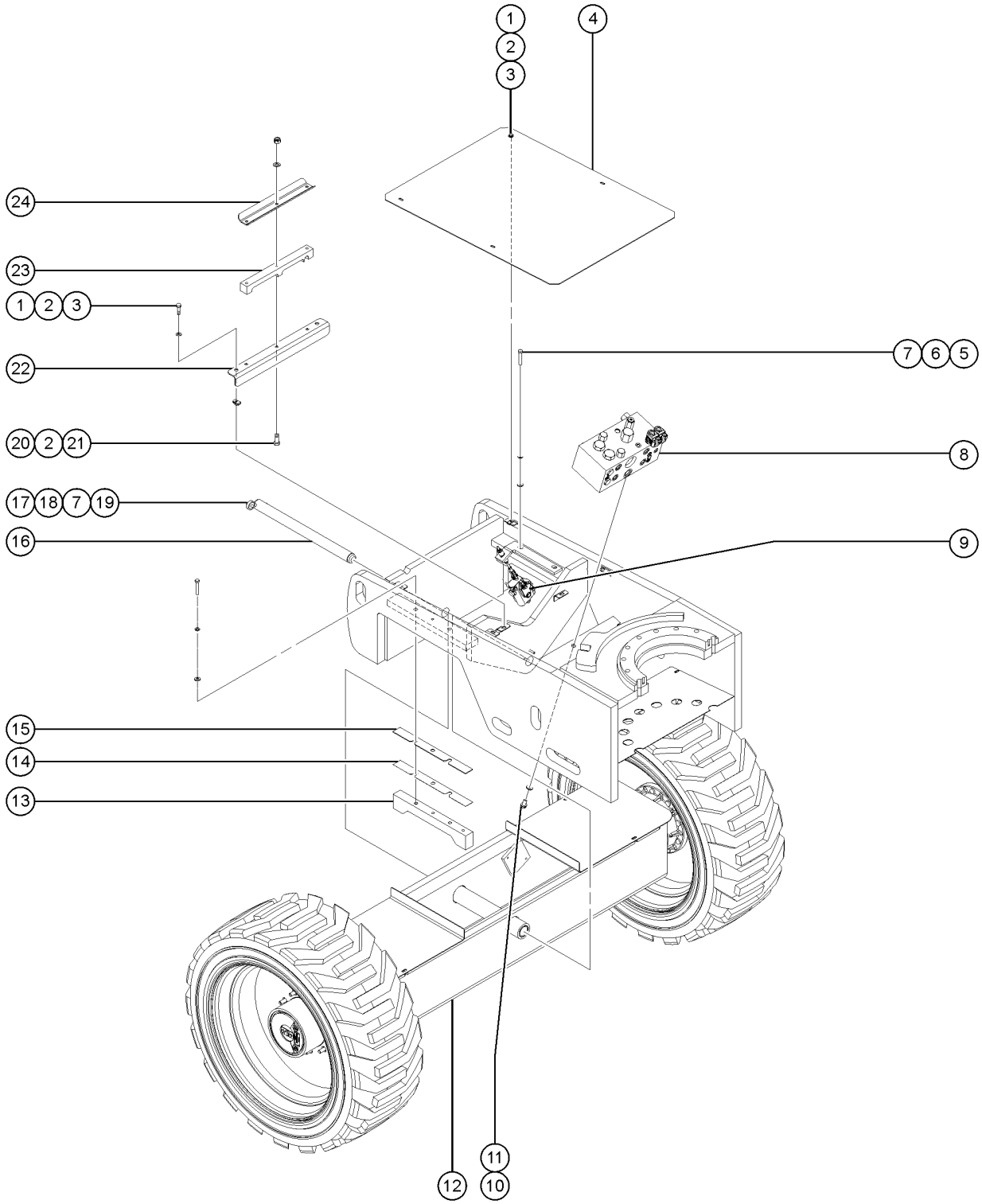
205.2 Non-steer End Wheels and Hubs (from SN Z452512A-43221 and Z452512B-1987)



205.2 Non-steer End Wheels and Hubs (from SN Z452512A-43221 and Z452512B-1987)

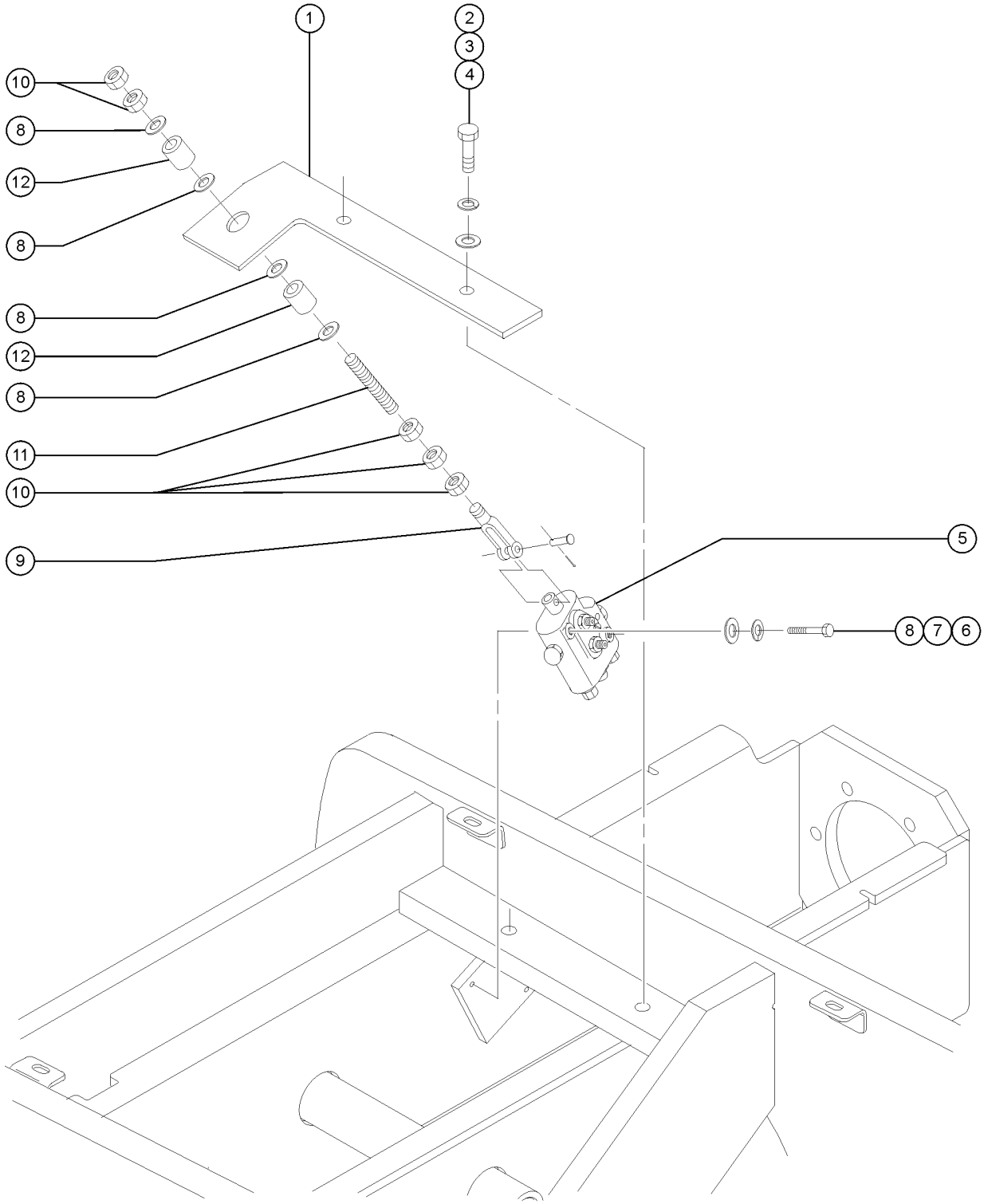
Item	*Part No.*	*Description*	*Qty.*
11E	110718GT	TIRE/WHEEL ASSY,RT NM W/SEALAN RT, Air-filled, Non-marking, with sealant, left	
12	20912GT	WASHER,LOCK,.437,PLTD	

206.1 Non-steer Axle



Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	52707-SGT	COVR W/DECALS,NON-STEER Z45/25	1
5	14033GT	SCREW, HHC, 3/8-16 X 2.75 Oscillate models	
5-	6708GT	SCREW,HHC,3/8-16 X 2.25 Non-oscillate models	
6	6021GT	WASHER, LOCK, .375	
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8		Ref. Traction Manifold (refer to 701.1 or 702.1)	
9		Ref. Oscillate Valve (refer to 207.1 or 207.2)	
10	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
11	6033GT	WASHER,LOCK,0.5"	
12	119978GT	AXLE ASSY,REAR,WIDE Z45/Z51	
12-	119980GT	AXLE ASSY,REAR,NARROW Z45/Z51	
12-	45071GT	BEARING,1.5IDX1.75ODX1.5L	
13	107914GT	BAR,AXLE ROTATION STOP***	1
14	119210GT	SHIM,AXLE ROTATION STOP,12GA as needed	
15	119209GT	SHIM,AXLE ROTATION STOP,22GA as needed	
16	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	1
17	825019GT	ROD END, .375X3.69, ZAG	1
18	6708GT	SCREW,HHC,3/8-16 X 2.25	
19	4828GT	NUT, NYLOCK, 3/8-16	
20	73464GT	BOLT,CARRIAGE,1/4-20 X 1.75,G2	3
21	6091GT	NUT,NYLOCK,1/4-20	3
22	229131GT	BRACKET, CABLE CLAMP	1
23	229132GT	CLAMP, CABLE	1
24	229133GT	PLATE,CLAMP,TOP	1

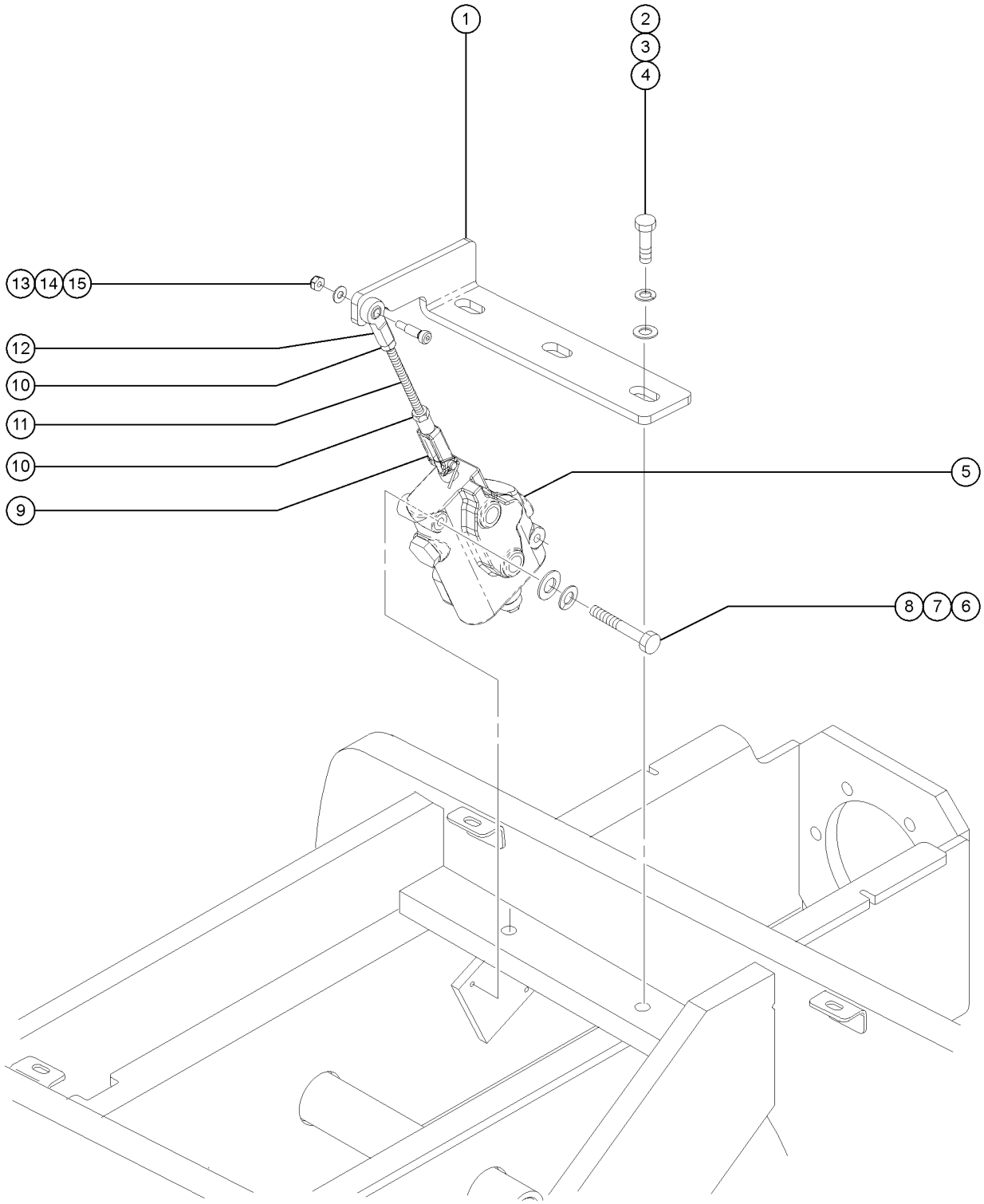
207.1 Oscillate Valve (to SN Z452511A-40627 and Z452512B-2296)



207.1 Oscillate Valve (to SN Z452511A-40627 and Z452512B-2296)

Item	*Part No.*	*Description*	*Qty.*
1		Ref., PLATE,BRACKET,OSC VALVE refer to 207.2	1
2	14033GT	SCREW, HHC, 3/8-16 X 2.75	
3	6021GT	WASHER, LOCK, .375	
4	5397GT	WASHER, FLAT, USS, 5/16-18	
5	49768GT	VLV,MAN,3 POS/4 WAY,CLOSE CTR*	1
5-	32681GT	SEAL KIT,CONTROL VALVE	
6	6637GT	SCREW,HHC,1/4-20 X 1.75	
7	6356GT	WASHER, LOCK, .25	
8	6638GT	WASHER, FLAT, USS, 1/4"Y	
9	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	
10	21496GT	NUT,HEX,1/4-28	
11	30785-600GT	THREADED ROD,1/4-28 X 6 IN***	
12	54127GT	SPRING, OSCILLATE LINKAGE component no longer available; limited inventory on hand	2

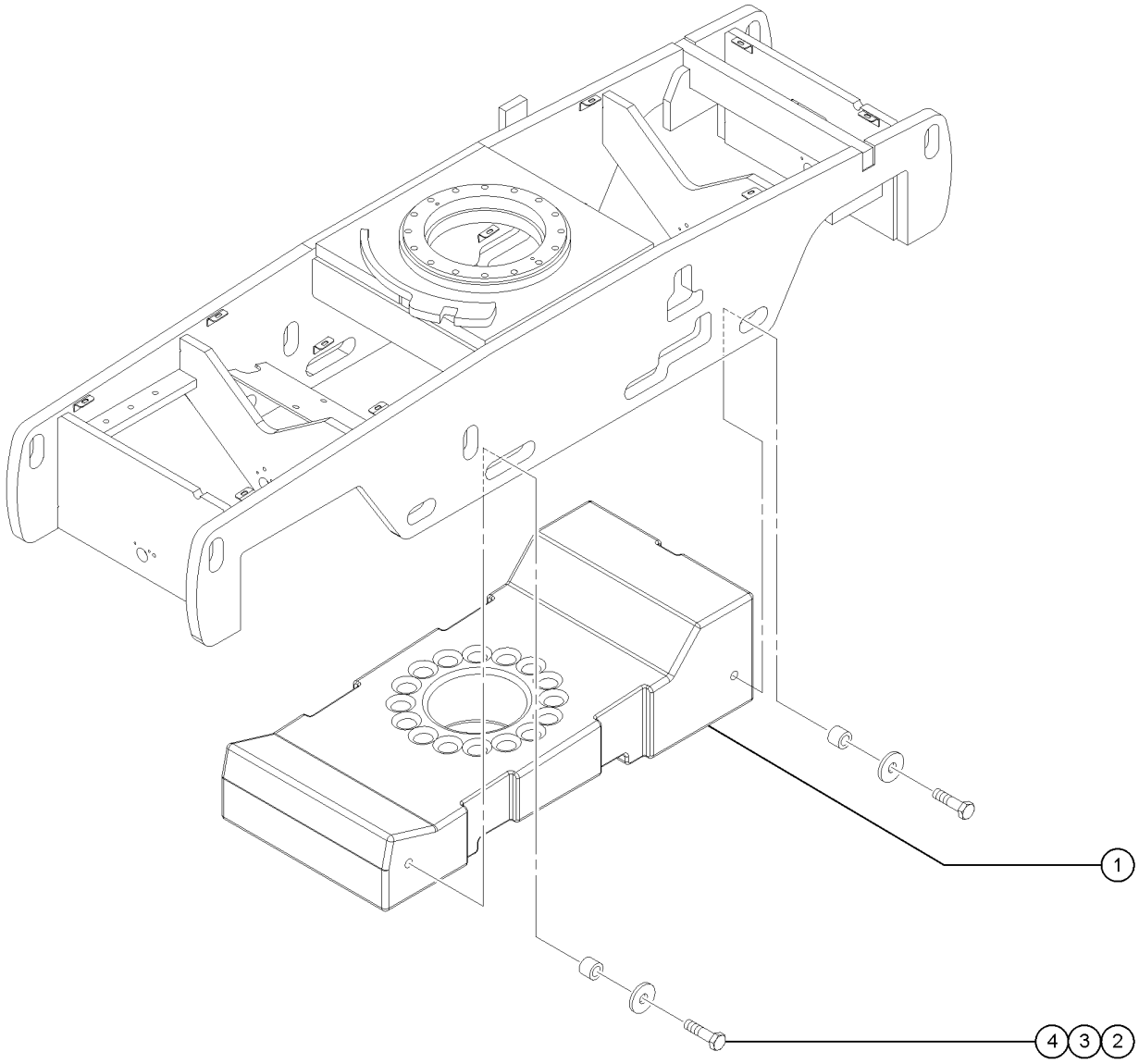
207.2 Oscillate Valve (from SN Z452511A-40628 and Z452512B-2297)



207.2 Oscillate Valve (from SN Z452511A-40628 and Z452512B-2297)

Item	Part No.	Description	Qty.
	T111453GT	KIT,OSCILLATE LINKAGE includes items 1 and 9-15	
1	T107284GT	BRACKET,OSCILLATING VALVE	1
2	14033GT	SCREW, HHC, 3/8-16 X 2.75	3
3	6021GT	WASHER, LOCK, .375	3
4	5397GT	WASHER, FLAT, USS, 5/16-18	3
5	49768GT	VLV,MAN,3 POS/4 WAY,CLOSE CTR*	1
5-	32681GT	SEAL KIT,CONTROL VALVE for 49768	
6	6637GT	SCREW,HHC,1/4-20 X 1.75	2
7	6356GT	WASHER, LOCK, .25	2
8	6638GT	WASHER, FLAT, USS, 1/4"Y	2
9	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
10	21496GT	NUT,HEX,1/4-28	2
11	30785-500GT	THREADED ROD,1/4-28 X 5 IN	1
12	81691GT	ROD END,BALL JOINT 1/4-28	1
13	5365GT	NUT,NYLOCK,10-24	1
14	6146GT	WASHER,FLAT,MS,#10,Y	1
15	6584GT	SCREW,SHS,10-24 X .625	1

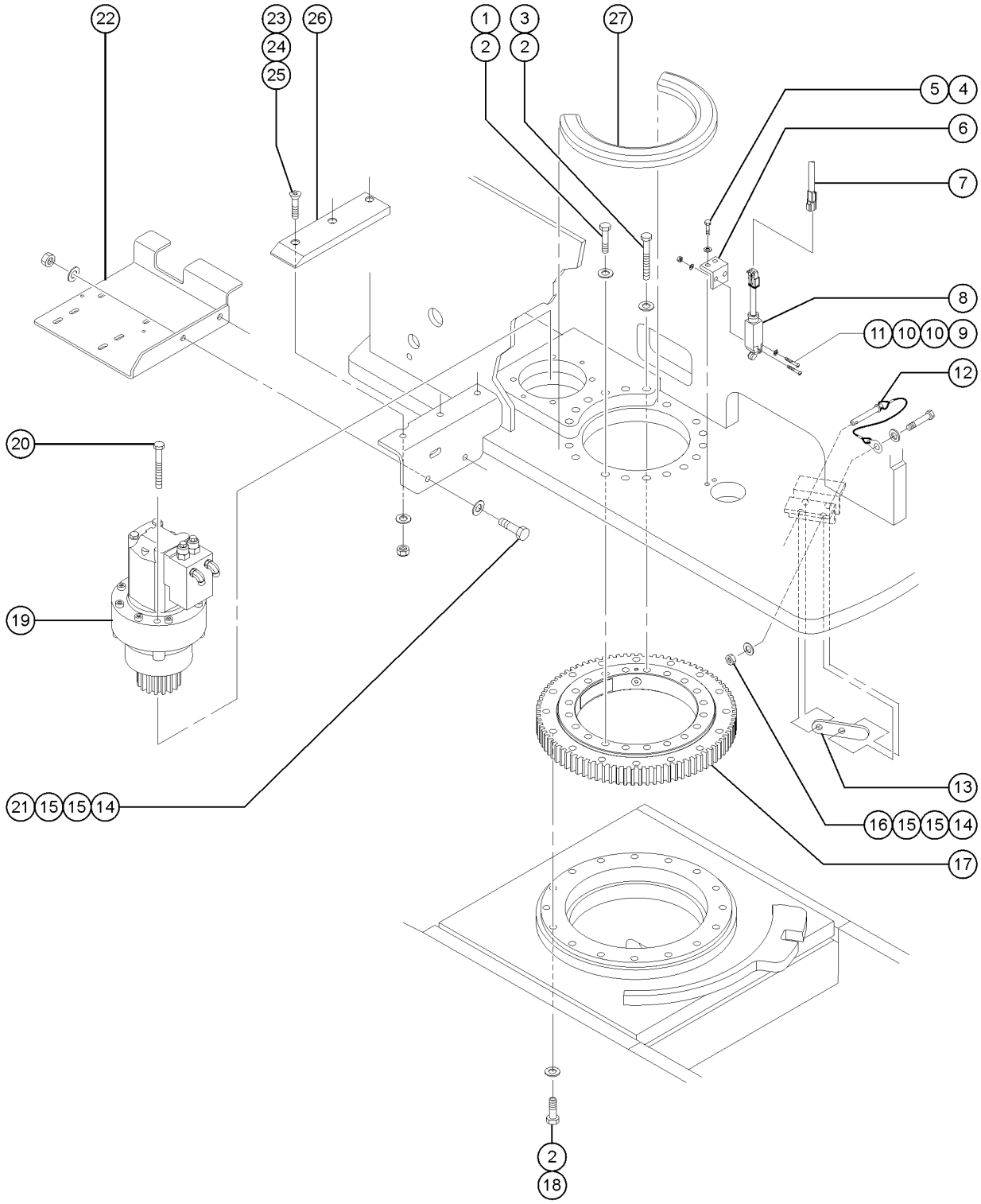
208.1 Drive Chassis Counterweight - Narrow Models



208.1 Drive Chassis Counterweight - Narrow Models

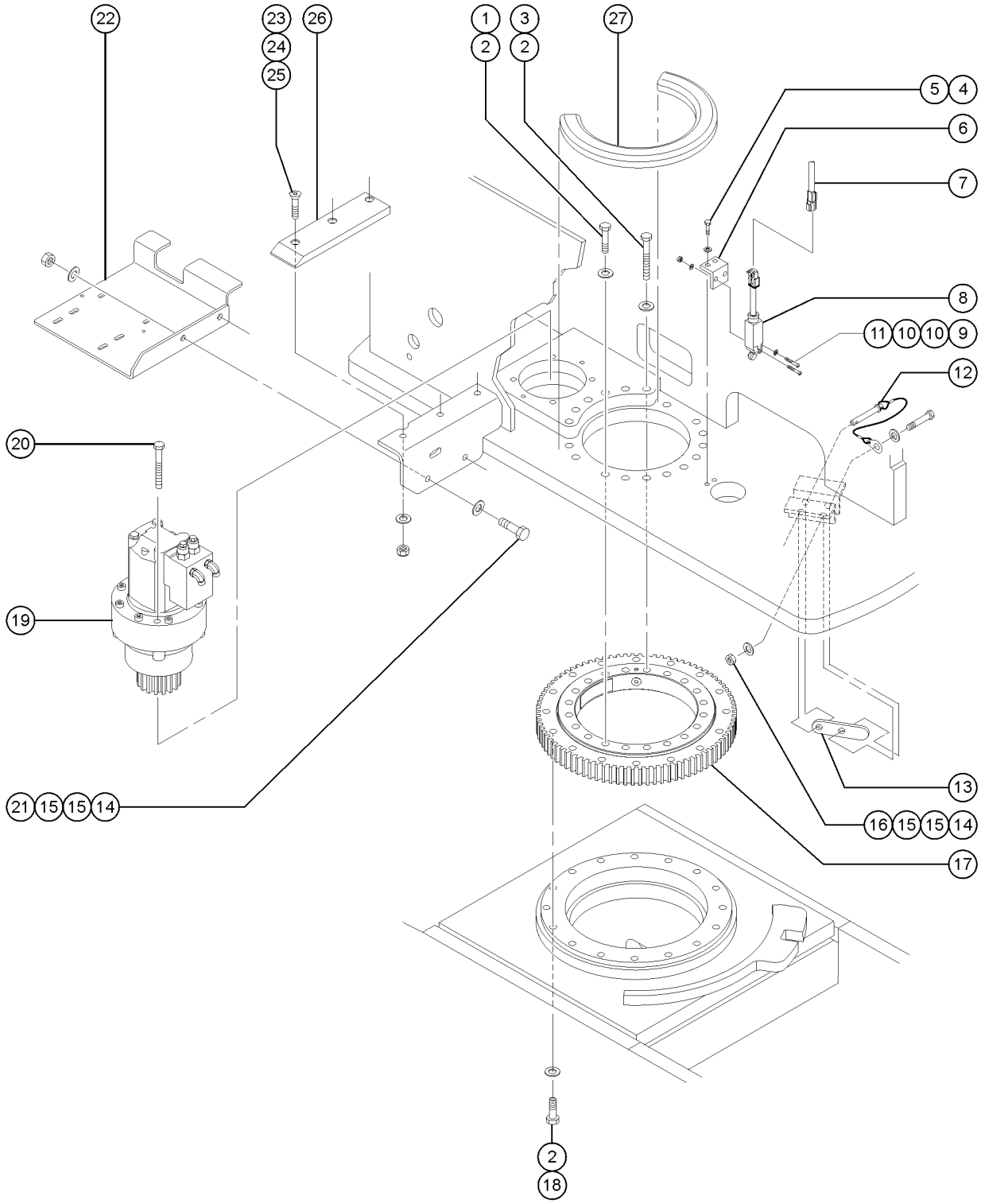
Item	*Part No.*	*Description*	*Qty.*
1	119673GT	BELLY WEIGHT, Z45,IC NARROW 2350 lbs. / 1065 kg.	1
2	128066GT	SCREW, HHC, 1-8 X 4, GRID .2	4
3	119815PGT	PLATE,WASHER,FLAT,RETAINING,PT	4
4	107574PGT	TUBE,CHASSIS SPACER PAINTED	4

301.1 Turntable Rotator



Item	Part No.	Description	Qty.
1	74712GT	SCREW,SHC,5/8-11 X 2.75,A574 to SN Z452509A-38872, to SN Z452512B-2231	12
1-	139861GT	SCREW,HHC,5/8-11 X 2.75 GR8 BO from SN Z452509A-38873, from SN Z452512B-2232	12
2	13064GT	WASHER,FLAT,.625 HARDENED	36
3	21175GT	SCREW,SHC,5/8-11 X 4,A574 to SN Z452509A-38872, to SN Z452512B-2231	6
3-	139865GT	SCREW,HHC,5/8-11 X 4.00 GR8 BO from SN Z452509A-38873, from SN Z452512B-2232	6
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	6021GT	WASHER, LOCK, .375	
6	50469GT	BRACKET,DRIVE SENSOR,ENABLE	1
7	107993GT	HARNESS,IC FUNCTION MANIFOLD	
8	110160GT	HARNESS,LS,D.E. Z45	
8-	88356-11105GT	SWITCH,LIMIT,W/RLLR ARM,NO /NC	1
8-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
8-	97128GT	ROLLER ARM,LIMIT SWITCH***	
9	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
10	6146GT	WASHER,FLAT,MS,#10,Y	
11	6178GT	NUT, NYLOCK, 10-32	
12	54145-800GT	RETAINING PIN, ASSY	1
13	50776PGT	PLATE,SWING LOCK,PAINTED***	1
14	6198GT	NUT, NYLOCK, 1/2-13	
15	6095GT	WASHER,FLAT,USS,1/2",Y	
16	50576GT	SCREW,SHC,1/2-13 X 3.00	
17	101815GT	BEARING,SWING CHASSIS	1
17-	88635-4024GT	HOSE ASSY 1/4,STR FEM,PIPETHRE Components: Genie part numbers 48805, 54954 and 48751 @ 38 inches	1
18	25068GT	SCREW,SHC,5/8-11 X 4.5,A574 to SN Z452509A-38872, to SN Z452512B-2231	16
18-	139866GT	SCREW,HHC,5/8-11X4.50GR8 PLAIN from SN Z452509A-38873, from SN Z452512B-2232	16
19A		Ref: Swing Drive Assy 77082 is no longer available; used to SN Z452511A-40410 and to Z452511B-1713	
19A-	77246GT	SEAL KIT,SWING MOTOR*** for 77082; to SN Z452511A-40410 and to Z452511B-1713	
19A-	128446GT	MANIFOLD,TURNTABLE ROTATION*** for 77082; to SN Z452511A-40410 and to Z452511B-1713	

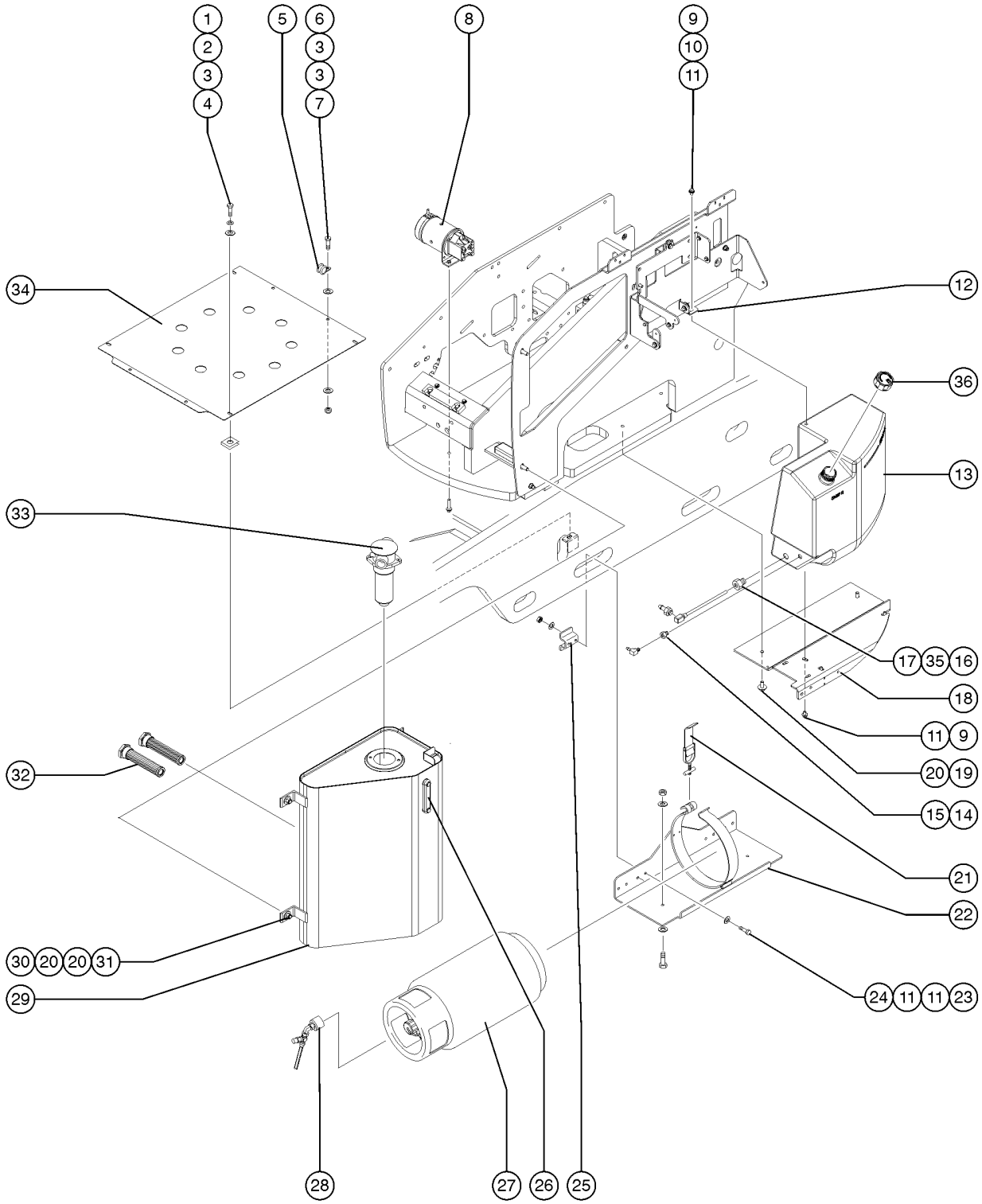
301.1 Turntable Rotator



301.1 Turntable Rotator

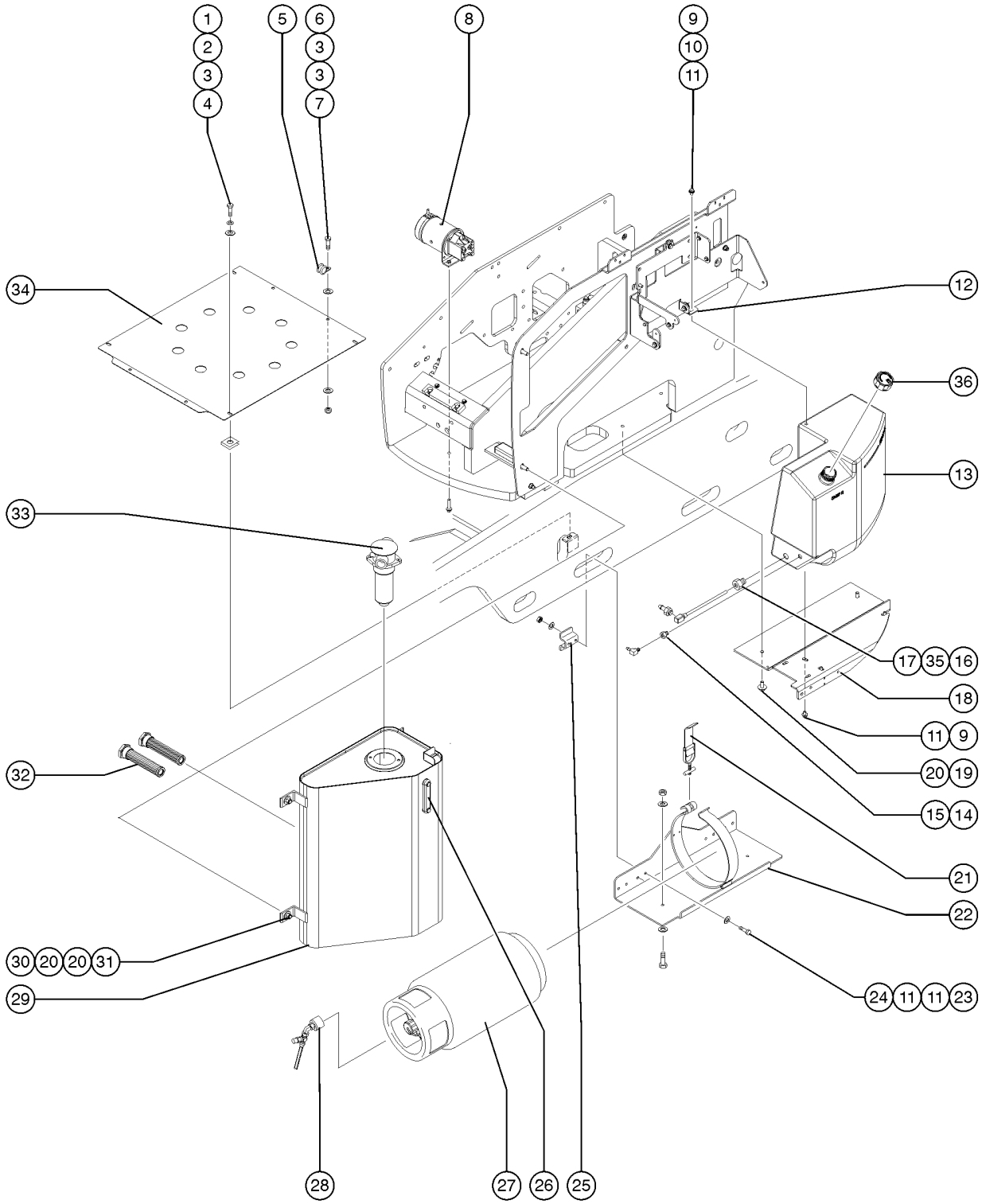
Item	Part No.	Description	Qty.
19A-	220255GT	SEAL KIT,MANIFOLD TO MOTOR for 128446; to SN Z452511A-40410 and to Z452511B-1713	
19A-	48904GT	ELBOW, 90D, 520220-4 not included, must order seperately	
19B		Ref: Swing Drive Assy 147209 is no longer available; used from SN Z452511A-40411 to Z452514A-47000 and Z452511B-1714 to Z452514B-3300; order 824050	1
19B-		SEAL KIT,SWING DRIVE*** component no longer available	
19B-		BRAKE KIT, SWING DRIVE component no longer available	
19B-		MANIFOLD KIT, SW DRIVE component no longer available	
19B-	220255GT	SEAL KIT,MANIFOLD TO MOTOR for 147212; from SN Z452511A-40411 to Z452513A-47000 and from Z452511B-1714 to Z452514B-3300	
19B-	48904GT	ELBOW, 90D, 520220-4 not included, must order seperately	
19C	824050GT	SWING DRIVE ASSEMBLY use from SN Z452507A-34011 to Z452513A-47000, replaced PNs 77082 and 147209	1
19C-	824051GT	SEAL KIT, SWING DRIVE for 824050; from SN Z452507A-34011 to Z452513A-47000	
19C-	824052GT	VALVE BLOCK, SWING DRIVE for 824050; from SN Z452507A-34011 to Z452513A-47000	
19C-	48904GT	ELBOW, 90D, 520220-4 not included, must order seperately	
20	56680GT	SCREW,SHC,1/2-13 X 4.50 ZINC	
21	22788GT	SCREW,HHC,1/2-13 X 1.75	
22	54207PGT	BRACKET,GENERATOR MOUNT,PAINT	1
23	17712GT	SCREW,FHS,3/8-16 X 1.75	
24	5397GT	WASHER, FLAT, USS, 5/16-18	
25	4828GT	NUT, NYLOCK, 3/8-16	
26	50519GT	LOAD PAD,ENGINE TRAY SUPPORT	1
27	107651GT	PROTECTOR,SLEW BOLT	1

302.1 Fuel and Hydraulic Tanks



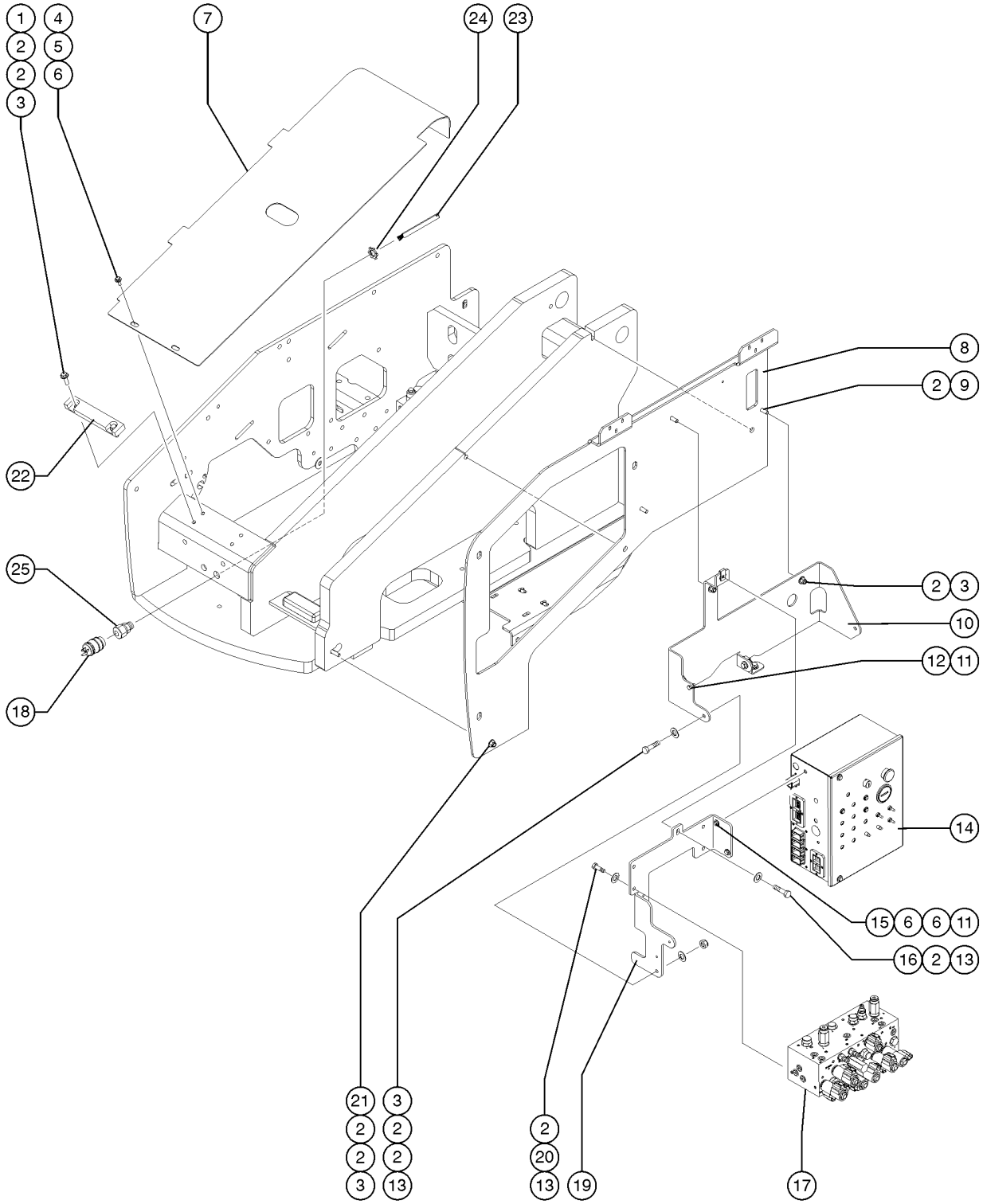
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	
6	6090GT	SCREW, HHC, 1/4-20 X .75	
7	6091GT	NUT,NYLOCK,1/4-20	
8	77066GT	ASSEMBLY, AUX POWER UNIT, 12VD	1
8-	77069GT	MOTOR,12VDC,77066	
8-	58490GT	PUMP ASSY (77066)	
8-	77071GT	SOLENOID,77066	
8-	77072GT	CHECK VALVE KIT,77066	
9	8255GT	SCREW,HHC,3/8-16 X .75	
10	6021GT	WASHER, LOCK, .375	
11	5397GT	WASHER, FLAT, USS, 5/16-18	
12A	70602GT	BRACKET, ANGLE to SN 39871	1
12B	128849GT	BRACKET, FUEL TANK, TOP MOUNT from SN 39872	
13A		TANK ASSY,GAS,17GAL PLASTIC (119843) Gasoline/LPG models; to SN 39871 (component no longer available)	1
13B	128850GT	ASSEMBLY, FUEL TANK, Z45 GAS Gasoline/LPG models; from SN 39872	1
13B-	128851GT	GAUGE, FUEL TANK, GAS Gasoline/LPG models; from SN 39872	
13C	119798GT	FUEL TANK ASSY, 17 GAL PLASTIC Diesel models	1
14	54205GT	HOSE END,BARB,1/4 MNPTX5/16,90 Ford models	1
14-	54204GT	ELBOW,90DEG.1/4MPT-1/4 BARB Deutz models	1
14-	107889GT	HOSE END,BARB,3/16 MNPT,90D Perkins models	1
15	54325GT	FITTING,BULKHEAD,1/4NPT,FUELTK	1
16	54437GT	HOSE END,BARB,1/4 MNPTX5/16,ST	1
17	54324GT	FITTING,BULKHEAD,3/8NPT,FUELTK	1
18	50416PGT	PLATE,TANK SIDE,PAINTED	1

302.1 Fuel and Hydraulic Tanks



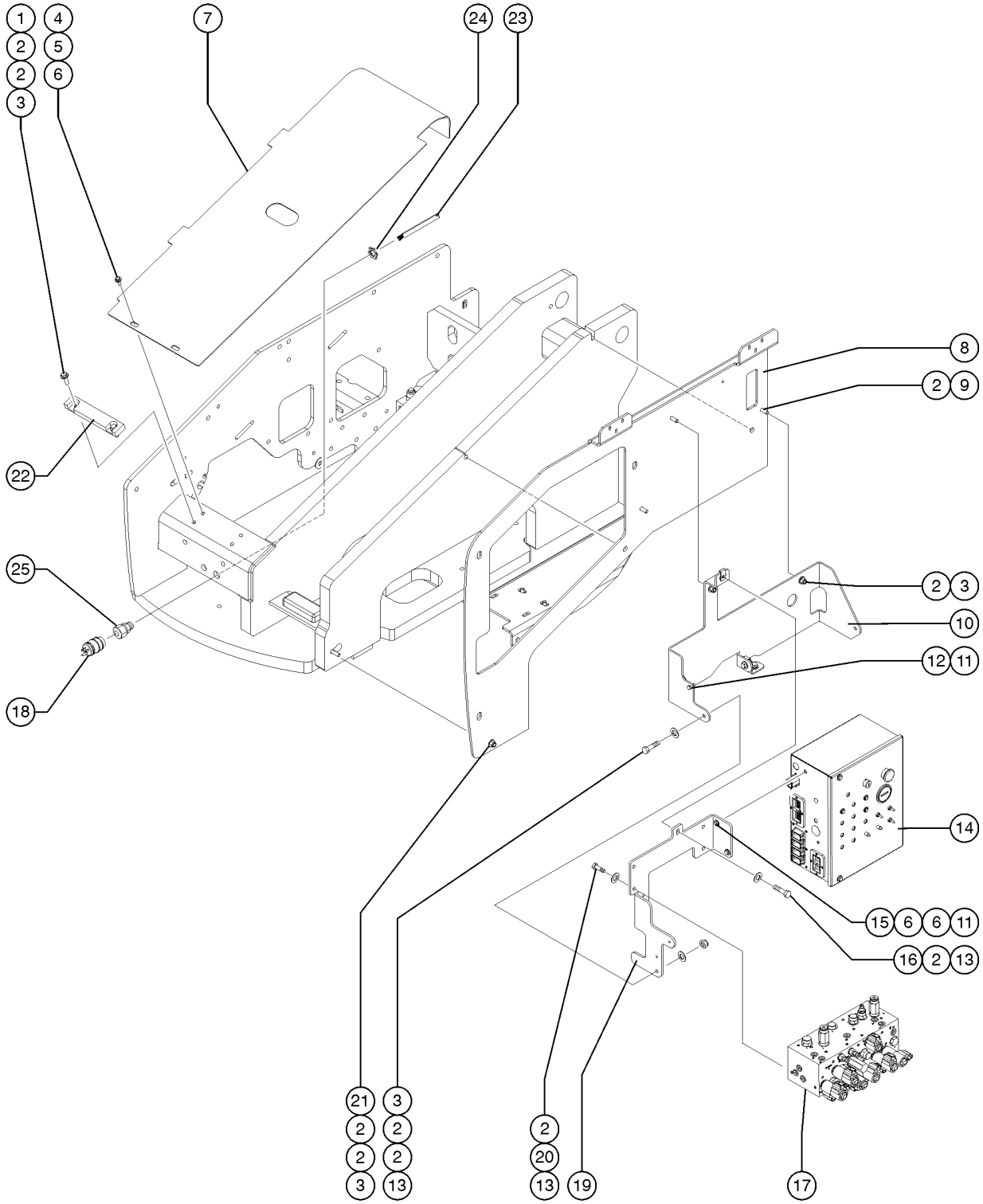
Item	Part No.	Description	Qty.
19	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
20	6095GT	WASHER,FLAT,USS,1/2",Y	
21	49000GT	L.P.TANK LATCH Gasoline/LPG models	1
22	60143-SGT	WELD, LPG TANK MOUNT Gasoline/LPG models	1
23	8516GT	SCREW, HCC, 3/8-16 X 1.50	
24	4828GT	NUT, NYLOCK, 3/8-16	
25	60139GT	FORMING,LP BRACKET MOUNT Gasoline/LPG models	1
26	21141GT	GAUGE-SIGHT,LHA-LGTB*** includes mounting fasteners	1
27	53605GT	TANK, 7 GAL/33.5 POUND, LP	1
28	119055GT	HOSE ASSY,LP GAS 144 inches	1
28-	73599GT	CAP,PROT.,RED,1.38ID X .75 DP	
29	106065GT	TANK,HYDRAULIC ASSEMBLY***	1
30	6198GT	NUT, NYLOCK, 1/2-13	
31	8177GT	SCREW,HHC,1/2-13 X 1.5	
32	147419GT	KIT,STRAINER REPLACEMENT	2
33A	110345GT	FILTER ASSY,INTANK includes item 33B	1
33A-	147223GT	SEAL,FILTER LID	
33B	77353GT	KIT,ELEMENT**	
33B-	94526GT	GASKET,RETURN FILTER-77353	
33B-	77354GT	FILTER LID,RFM165	
33B-	77365GT	BREATHER CAP,RFM165	
33B-	88917GT	FILTER,ELEMENT,BETA(10)=200	
35A	54333GT	TUBE,FUEL PICKUP,3/8NPTX1/4PT to SN 39871	1
35B		FUEL PICKUP,3/8X1/4NPT X 1775 from SN 39872, (no longer available)	1
36	119918GT	CAP,FUEL,GASOLINE 3.5PSI Gasoline/LPG models	
36-	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) Diesel models, no longer available, (replaced by 1316635)	1
36-	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1

303.1 Function Manifold and Ground Control Box Placement



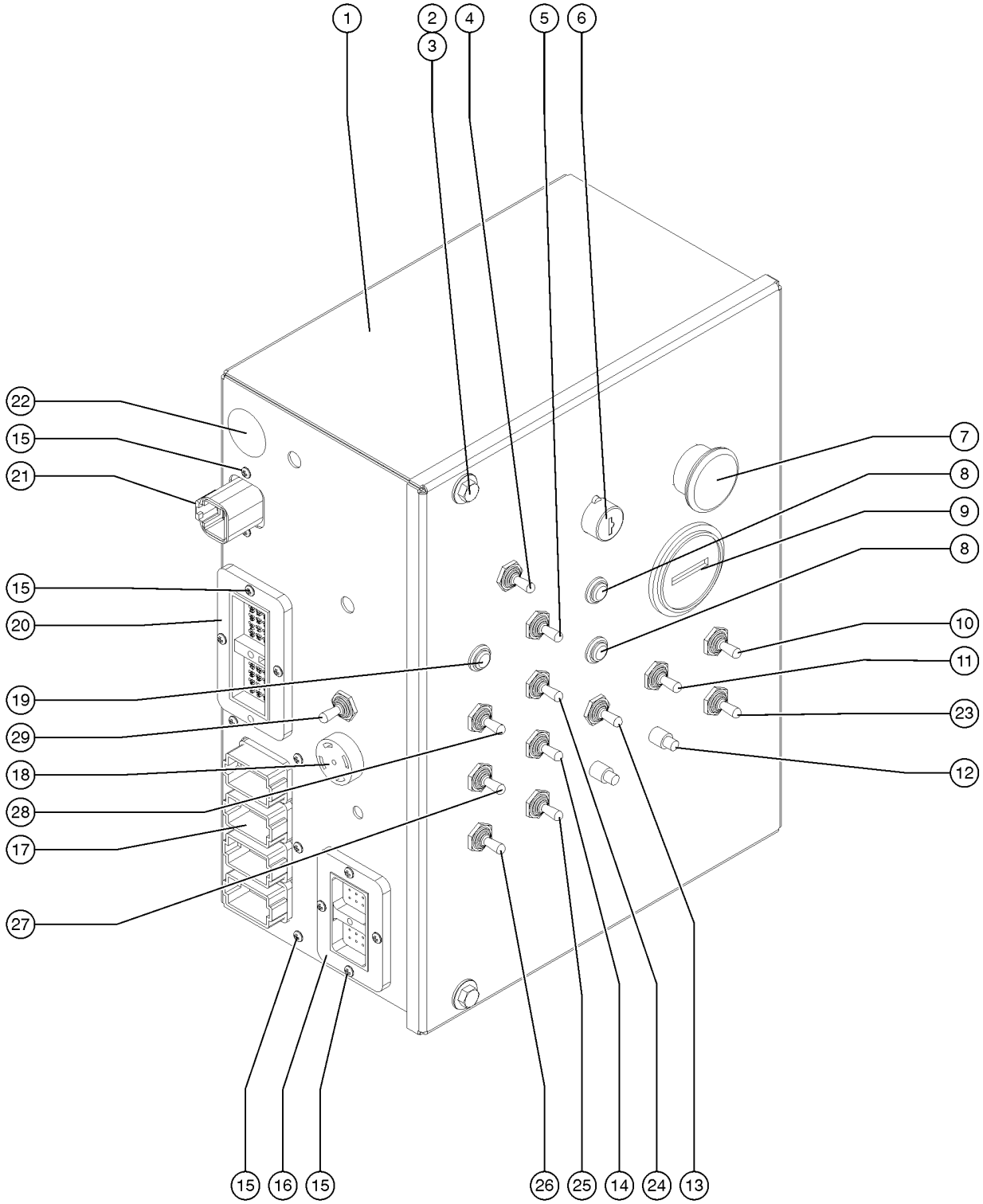
Item	Part No.	Description	Qty.
1	8516GT	SCREW, HCC, 3/8-16 X 1.50	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	6888GT	SCREW, HHC, 1/4-20 X 1	
5	6356GT	WASHER, LOCK, .25	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	119784PGT	COVER,CENTER SWING CHASSIS,PTD	
8	70603GT	BULKHEAD,TANKSIDE	1
9	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
10	70575PGT	COVER,MANIFOLD BOX MOUNT,PTD	1
11	6090GT	SCREW, HHC, 1/4-20 X .75	
12	6091GT	NUT,NYLOCK,1/4-20	
13	6175GT	SCREW,HHC,3/8-16 X 1	
14		Ref. Ground Control Box (refer to 304.1 or 305.1)	
15	6889GT	NUT,LP NYLOCK,1/4-20	
16	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
17		Ref. Function Manifold (refer to 703.1)	
18A	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
18A-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
18A-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
18A-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
18A-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
18A-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	
18B	128646GT	CORD AC IEC320-C19 TO 110UK UK	1
18B-	139318GT	BUSHING,STRAIN RELIEF,.875/.30	1
18C	128645GT	CORD AC IEC320-C19 TO 220EU Europe	1
18C-	139318GT	BUSHING,STRAIN RELIEF,.875/.30	1
19	70675PGT	BRACKET,MANIFOLD MOUNT PAINTED	

303.1 Function Manifold and Ground Control Box Placement



Item	*Part No.*	*Description*	*Qty.*
20	6021GT	WASHER, LOCK, .375	
21	14033GT	SCREW, HHC, 3/8-16 X 2.75	
22	50570GT	WEAR PAD,PRIMARY BOOM,NON JIB	1
23	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	756
24	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
25	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1

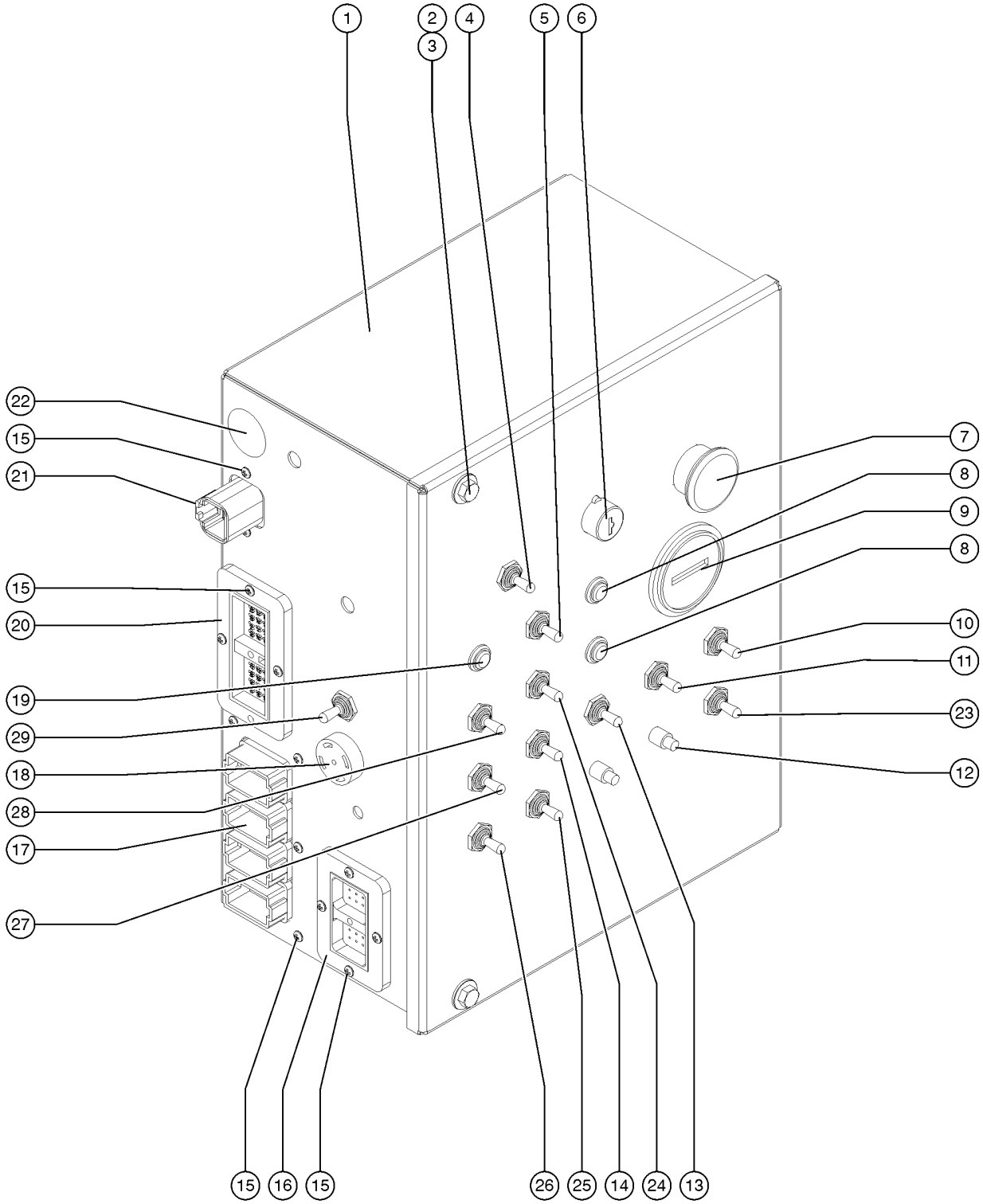
304.1 Ground Control Box - View 1



304.1 Ground Control Box - View 1

Item	Part No.	Description	Qty.
-	128935GT	CIRCUIT BKR 10A TYPE 2 METAL (Not shown)	
1	101844GT	GROUND CONTROL BOX ASSY W/DEC*	1
1-	88637GT	GASKET,GROUND CONTROL BOX***	
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4A	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary Power; includes boot and hardware	1
4A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
4A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
4B	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
4B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
4B-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
5A	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT Fuel Select(Gas/LPG); includes boot and hardware	1
5A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
5B	128585GT	SWITCH TOGGLE DPDT 2P MNT SHDR	
5B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
5C	45384GT	PLUG,NYLON .50 BLACK DOMED Perkins and Deutz from SN 34011 to A41670, from SN B101 to B1986	
5D	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Perkins and Deutz from SN A41671; from B1987	
6A	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	1
6A-	94506GT	BASE,W/3 NC CONTACTS	
6B	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING	1
6B-	85239GT	RETAINER NUT (96008)***	
7	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
7-	73805GT	BASE,W/2 NC CONTACTS*** includes 2 N.C. contacts	
7-	66818GT	CONTACT,NC	
8A	824879GT	LIGHT,LED IND. RED 12V NH Deutz and Perkins models	2
8B	119800GT	LAMP,INDICATOR,RED,14V,1.2W** Ford models	1

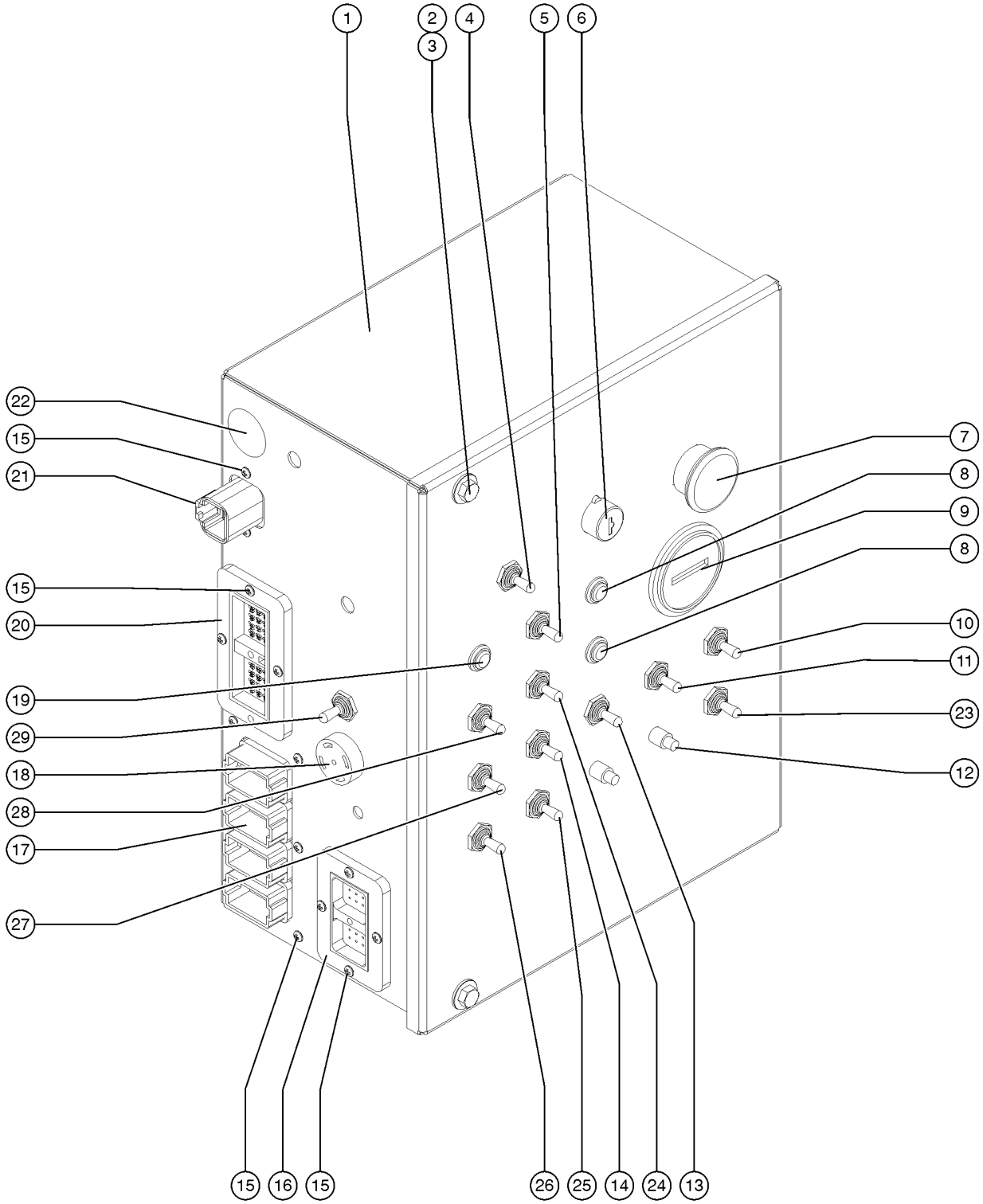
304.1 Ground Control Box - View 1



304.1 Ground Control Box - View 1

Item	Part No.	Description	Qty.
8C	45384GT	PLUG,NYLON .50 BLACK DOMED from SN 34011 to 41670	
8D	229567GT	PLUG,SANTOPRENE .5 BLACK DOME from SN 41671	
9	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
10A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow Plug; includes boot and hardware	1
10A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
10A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
10B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
10B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10C	45384GT	PLUG,NYLON .50 BLACK DOMED Gas/LPG models from SN 34011 to 41670	
10D	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Gas/LPG models from SN 41671	
11A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start; includes boot and hardware	1
11A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
11A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
11B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
11B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
11B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12	147094GT	ASSY, CIRCUIT BREAKER 15A	2
13A	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Secondary Boom Up/Dn; includes boot and hardware	1
13A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
13A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
13B	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
13B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
13B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
14A	45384GT	PLUG,NYLON .50 BLACK DOMED Z-45/25 from SN 34011 to 41670	
14B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Z-45/25 from SN 41671	
14C	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Z-45/25J; jib boom up/down; includes boot and hardware	
14C-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

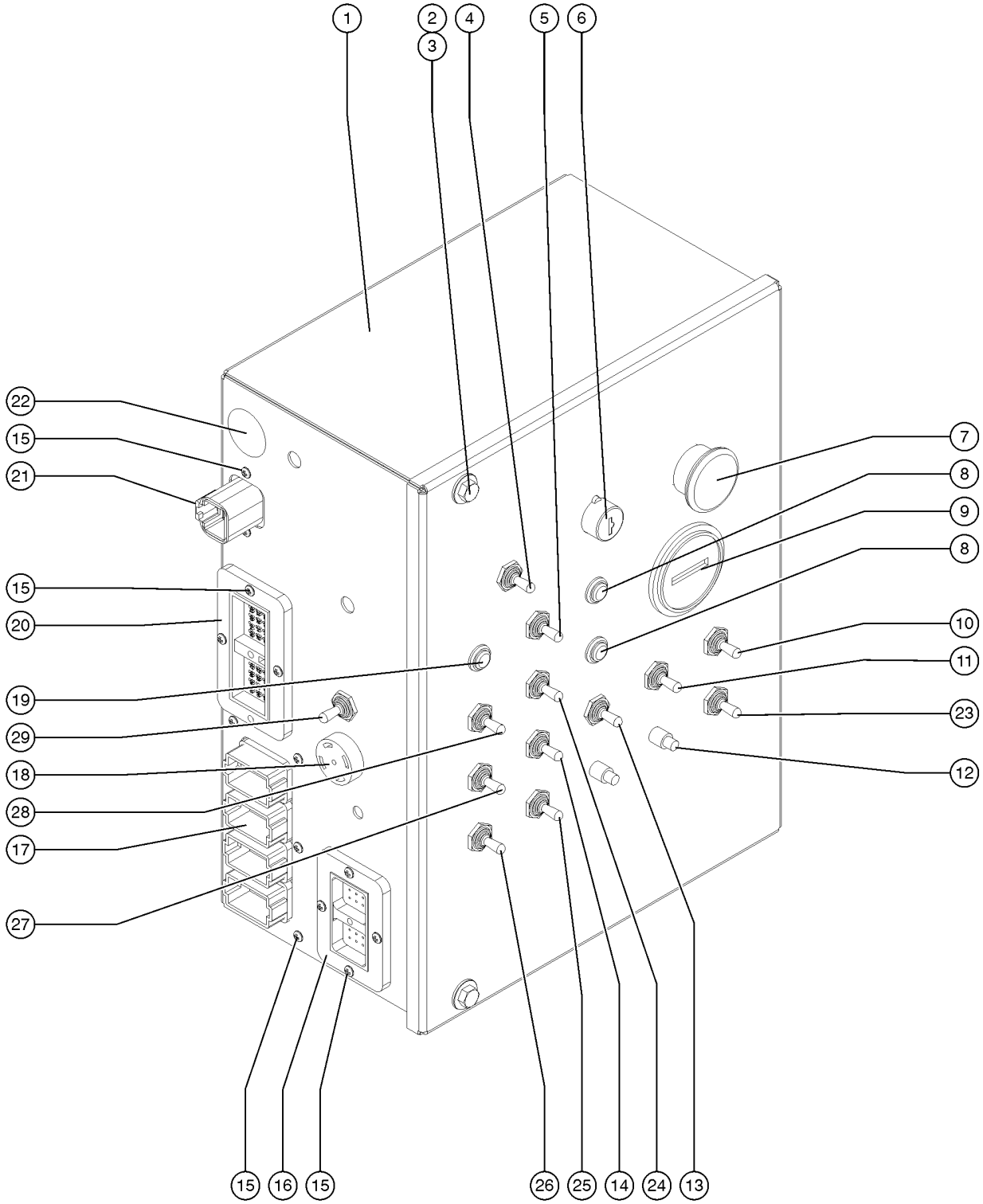
304.1 Ground Control Box - View 1



304.1 Ground Control Box - View 1

Item	Part No.	Description	Qty.
14C-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
14D	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
14D-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
14D-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
15	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	16
16	73753GT	CONN,RECEP 24 WAY,W/FLANGE	1
16-	73749GT	CONN,PLUG 24 WAY,DRC SERIES	1
16-	60757GT	PLUG, SEAL, 12-18GA	
16-	73714GT	TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
16-	119776GT	HARNESS,FORD DSG423,Z45	
16-	101886GT	HARNESS,ENGINE,DEUTZ Deutz	
16-	101849GT	HARNESS,PERKINS ENGINE*** Perkins	
16-	48767GT	SLEEVE,NYLON,1.42 ID	30-inches
17	73736GT	CONN,RECEP 48 WAY,4 X 12	1
17-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
17-	88722-73000GT	HARNESS,18/19,BOOM CABLE #2 non-jib models	
17-	119062GT	CONN, PLUG, 12 WAY, DEUTSCH, DT, BLACK	
17-	119061GT	CONN, PLUG, 12 WAY, DEUTSCH, DT, GRAY	
17-	88721-73000GT	HARNESS,18/19 BOOM CABLE #1	
17-	119064GT	CONN PLUG 12 WAY ENDCAP DT BR	
17-	119063GT	CONN PLUG 12 WAY ENDCAP DT GR	
17-	60435GT	LOCK, PLUG 12WAY, 14-18GA, GRN	
17-	61801GT	SEAL DT SERIES-12W	
18	45462GT	ALARM,CHIME TONE 5-25VDC*** CE models (does not include 72326 nut)	1
18-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
19A	824879GT	LIGHT,LED IND. RED 12V NH CE models	
19B	45384GT	PLUG,NYLON .50 BLACK DOMED from SN 34011 to 41670	

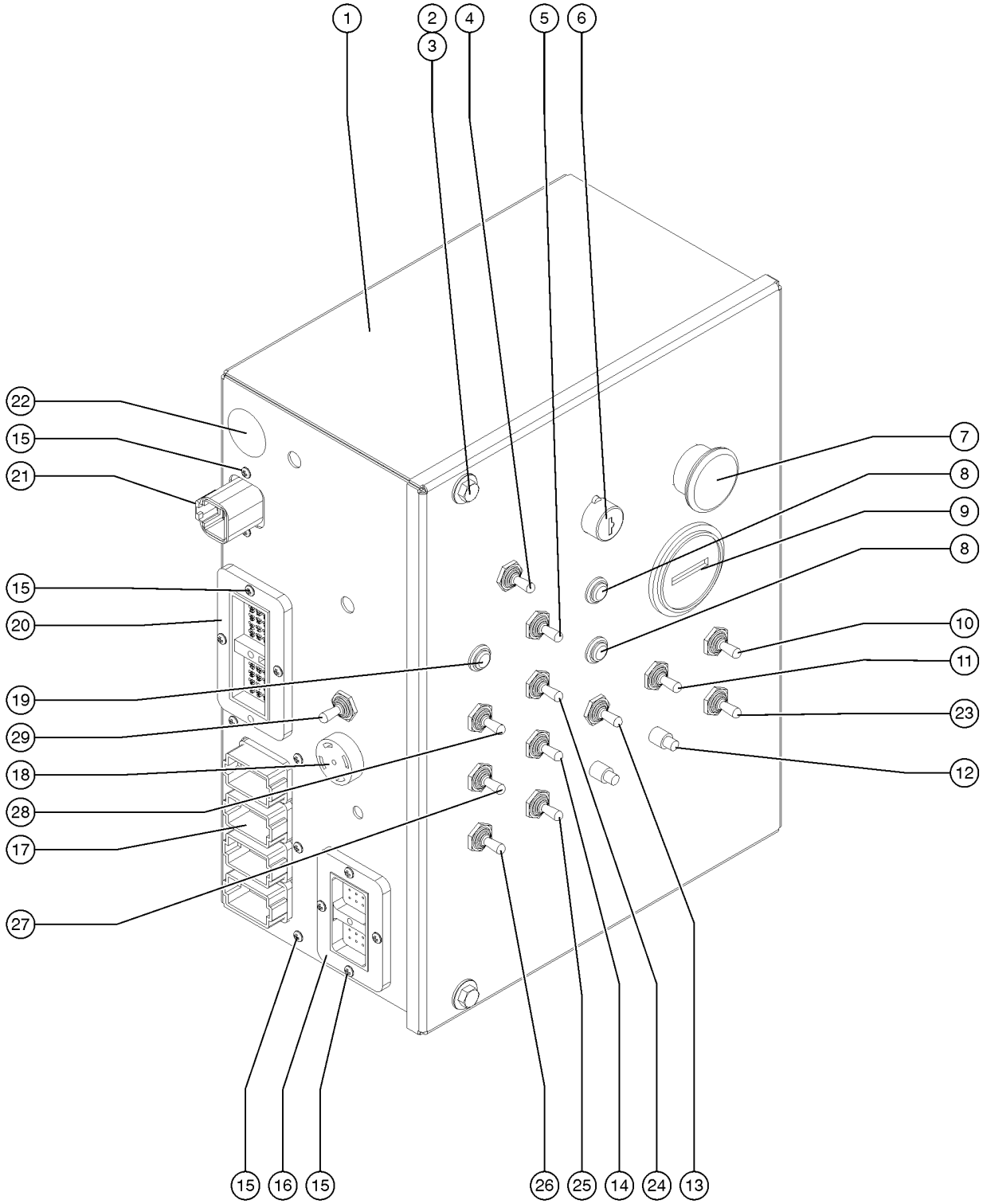
304.1 Ground Control Box - View 1



304.1 Ground Control Box - View 1

Item	Part No.	Description	Qty.
19C	229567GT	PLUG,SANTOPRENE .5 BLACK DOME from SN 41671	
20	73751GT	CONN,PLUG 40 WAY,DRC SERIES	1
20-	73754GT	CONN,RECEP 40 WAY,W/FLANGE	
20-	107993GT	HARNESS,IC FUNCTION MANIFOLD	
21	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	1
21-	60528GT	LOCK,PLUG 4 WAY,12-14GA***	
21-	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	
21-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
21-	88723-72700GT	HARNESS,12/3,12V TO PLAT	
22	15243GT	PLUG,NYLON .875 BLACK DOMED	1
23A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Function Enable; includes boot and hardware	1
23A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
23A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
23B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
23B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
23B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
24A	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary Boom Up/Dn; includes boot and hardware	1
24A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
24A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
24B	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
24B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
24B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
25A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform Level; includes boot and hardware	1
25A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
25A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
25B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
25B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
25B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

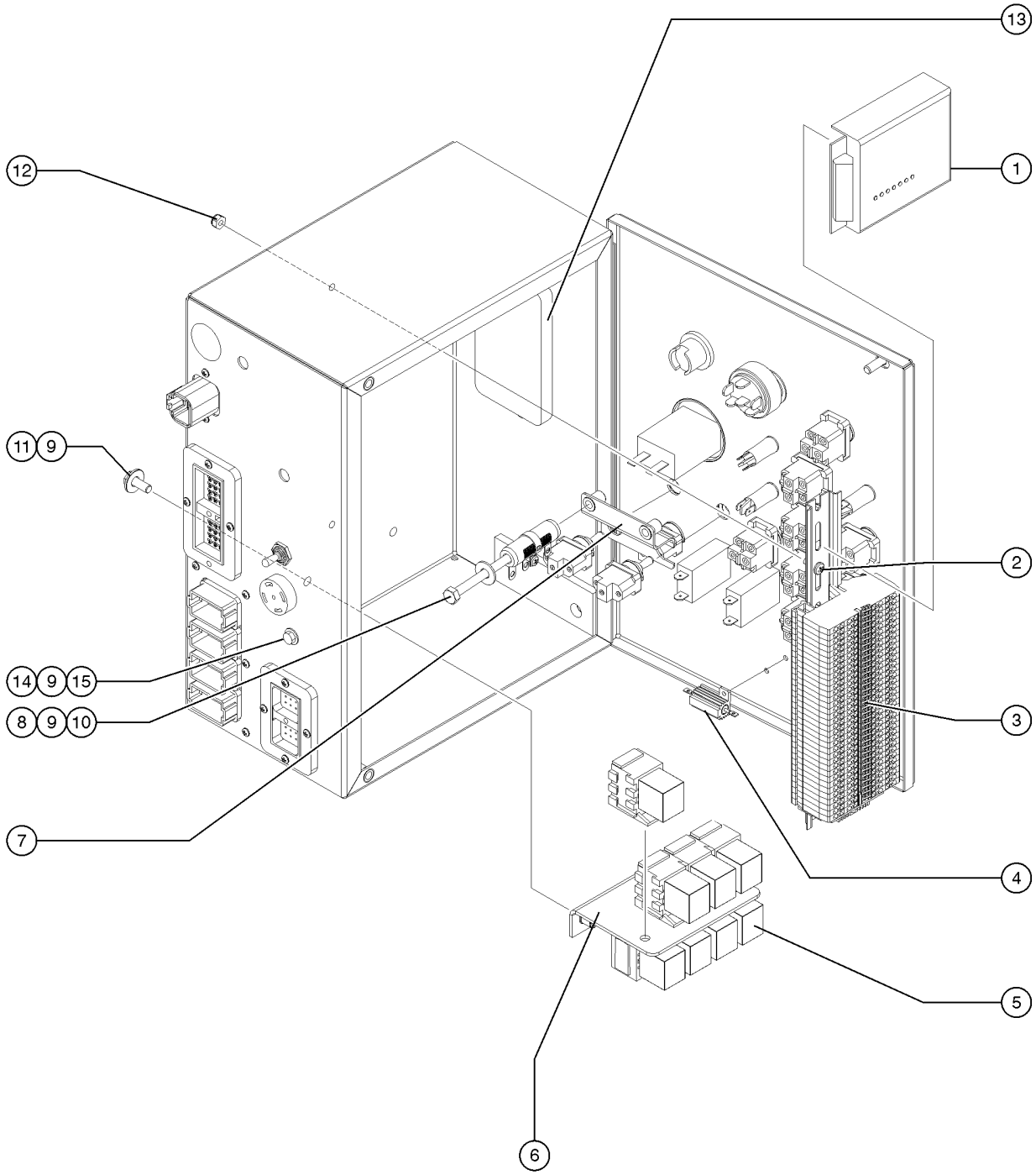
304.1 Ground Control Box - View 1



304.1 Ground Control Box - View 1

Item	Part No.	Description	Qty.
26A	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate; includes boot and hardware	1
26A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
26A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
26B	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
26B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
26B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
27A	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Turntable Rotate; includes boot and hardware	1
27A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
27A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
27B	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
27B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
27B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
28A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary Boom Ext/Ret; includes boot and hardware	1
28A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
28A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
28B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
28B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
28B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
29A	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT Test; includes boot and hardware	1
29A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
29B	128585GT	SWITCH TOGGLE DPDT 2P MNT SHDR	
29B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

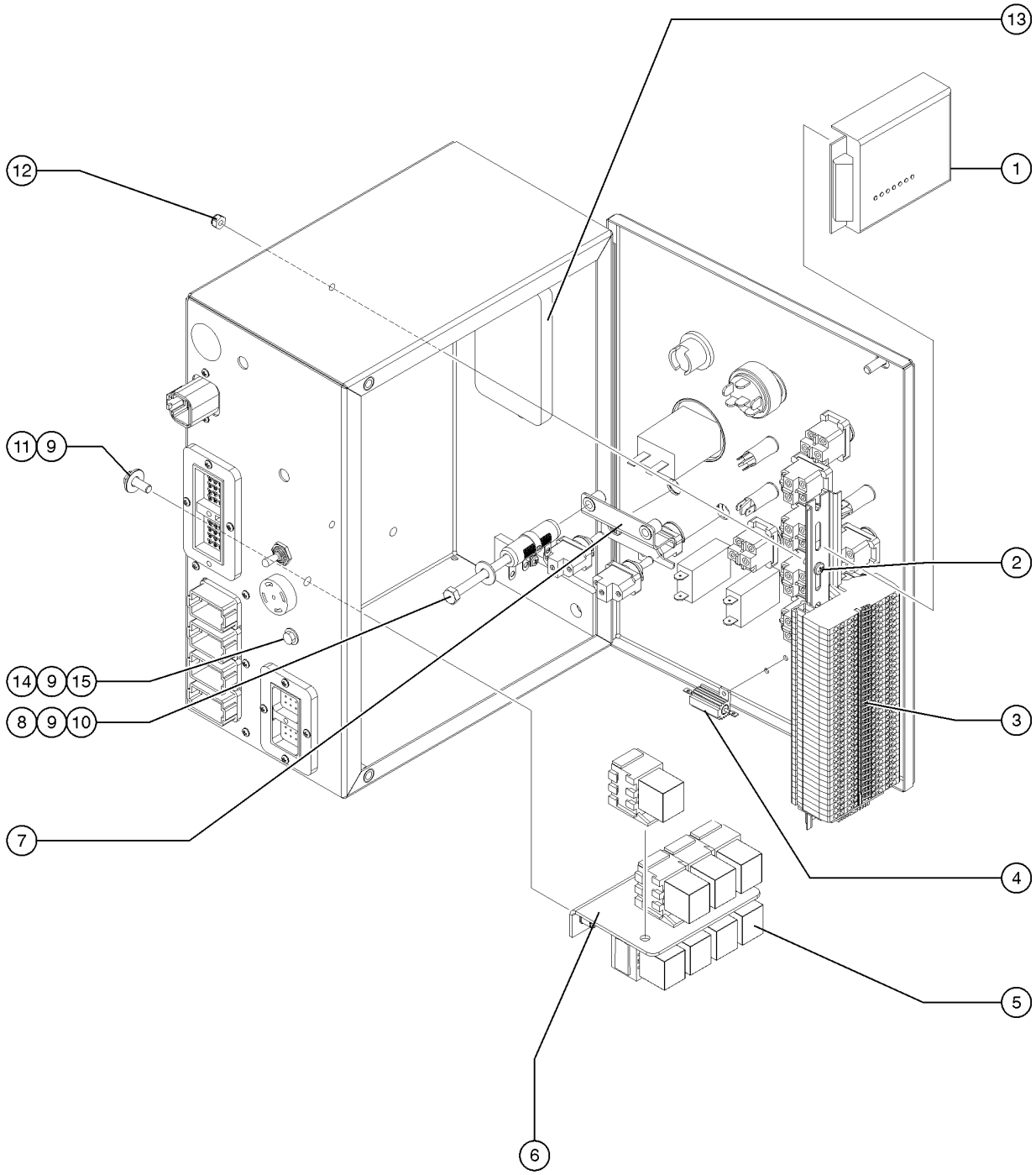
305.1 Ground Control Box - View 2



305.1 Ground Control Box - View 2

Item	Part No.	Description	Qty.
	30997GT	CORROSION INHIBITOR,FOAM	
	121846GT	RELAY, TIME DELAY, 2 SEC, 10A from SN 10A-39314, 10B-1488	
1	56057GT	MODULE,IGNITION/START,12/24V Deutz and Perkins	1
2	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
3A		ASSEMBLY,TERMINAL RAIL (94593 no longer available, use kit 217046)	1
3A-	74911GT	TERMINAL BLOCK, WIELAND*** (for 94593)	33
3A-	216793GT	TERMINAL BLOCK END PLATE (for 94593)	2
3A-	74913GT	END STOP, DIN RAIL,SCREW CLAMP (for 94593)	
3A-	74917GT	JUMPER COMB, 2-WAY,WIELAND (for 94593)	
3A-	74920GT	MARKING TAGS,# 1-10,WIELAND (for 94593)	
3A-	74921GT	MARKING TAGS,# 11-20,WIELAND (for 94593)	
3A-	74922GT	MARKING TAGS,# 21-30,WIELAND (for 94593)	
3A-	74923GT	MARKING TAGS,# 31-40,WIELAND (for 94593)	
3A-	74924GT	MARKING TAGS,# 41-50,WIELAND** (for 94593)	
3A-	77430GT	CAPACITOR,3 MF,50VDC TB41 (for 94593)	
3B	217046GT	KIT, TERMINAL BLOCK use to replace 94593	
3B-	74917GT	JUMPER COMB, 2-WAY,WIELAND (for 217046)	
3B-	216791GT	TERMINAL BLOCK,WIELAND (for 217046)	
4	89575GT	RESISTOR,7.5 OHM,25 WATT,1PCNT	1
4-	6272GT	RIVET,STL,STL,P,.125 X .25	
5	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	8
5-	34053GT	ASSY,RELAY SOCKET, AUTO	
5-	34054GT	TERM,RELAY N-INSULATED 10-12 G	
5-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	
6	54534GT	ANGLE,RELAY MNT,W/NUTSERTS,PNT	1
6-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
7	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	1
7-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	

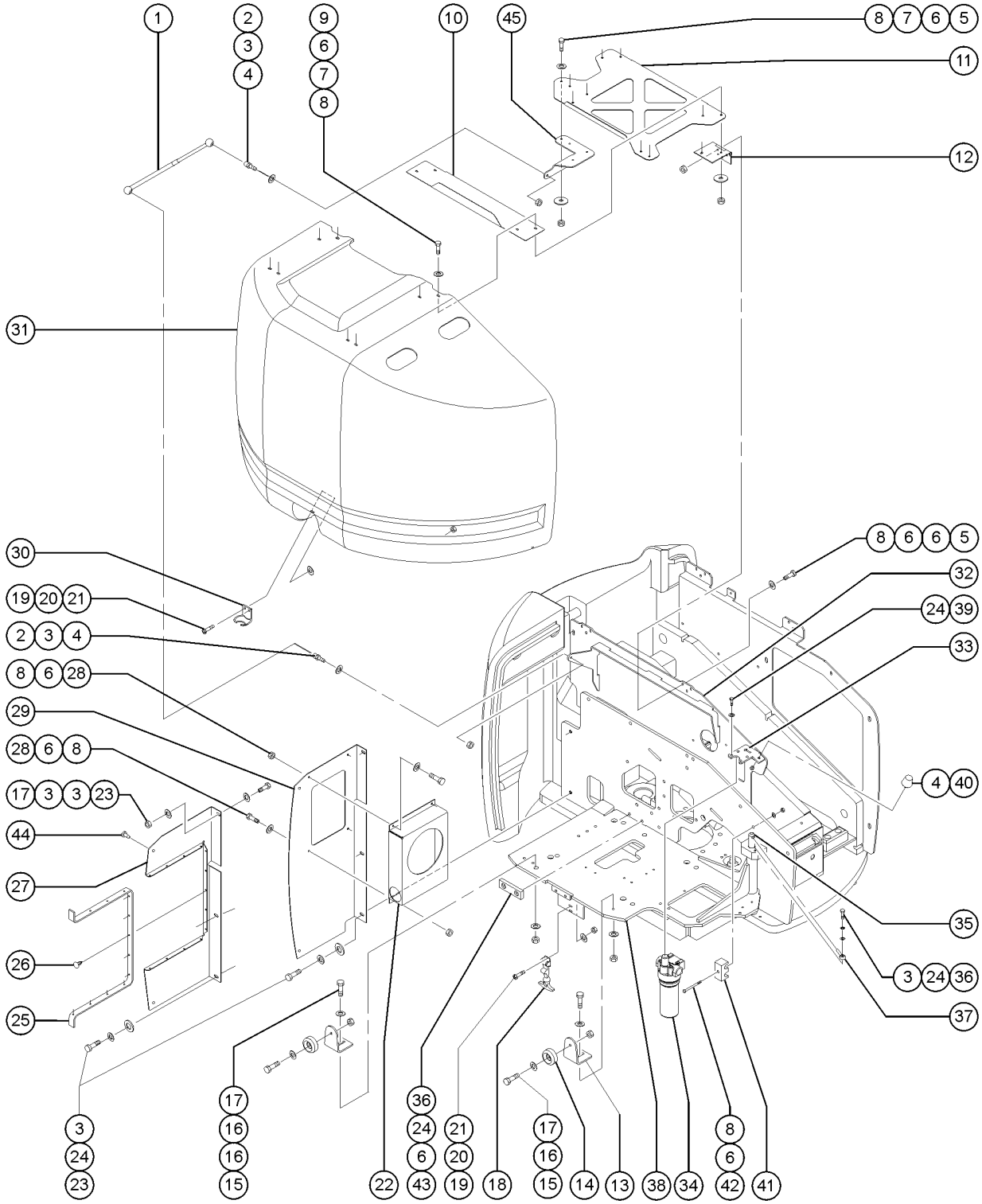
305.1 Ground Control Box - View 2



305.1 Ground Control Box - View 2

Item	Part No.	Description	Qty.
8	12343GT	SCREW,HHC,1/4-20 X 3	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	101010GT	RESISTOR,20 OHMS,25W,ADJ***	1
11	8914GT	SCREW, HHC, 1/4-20 X .625	
12	6178GT	NUT, NYLOCK, 10-32	
13	128045GT	MODULE,LOAD SENSE 2007	1
14	6888GT	SCREW, HHC, 1/4-20 X 1	
15	6091GT	NUT,NYLOCK,1/4-20	

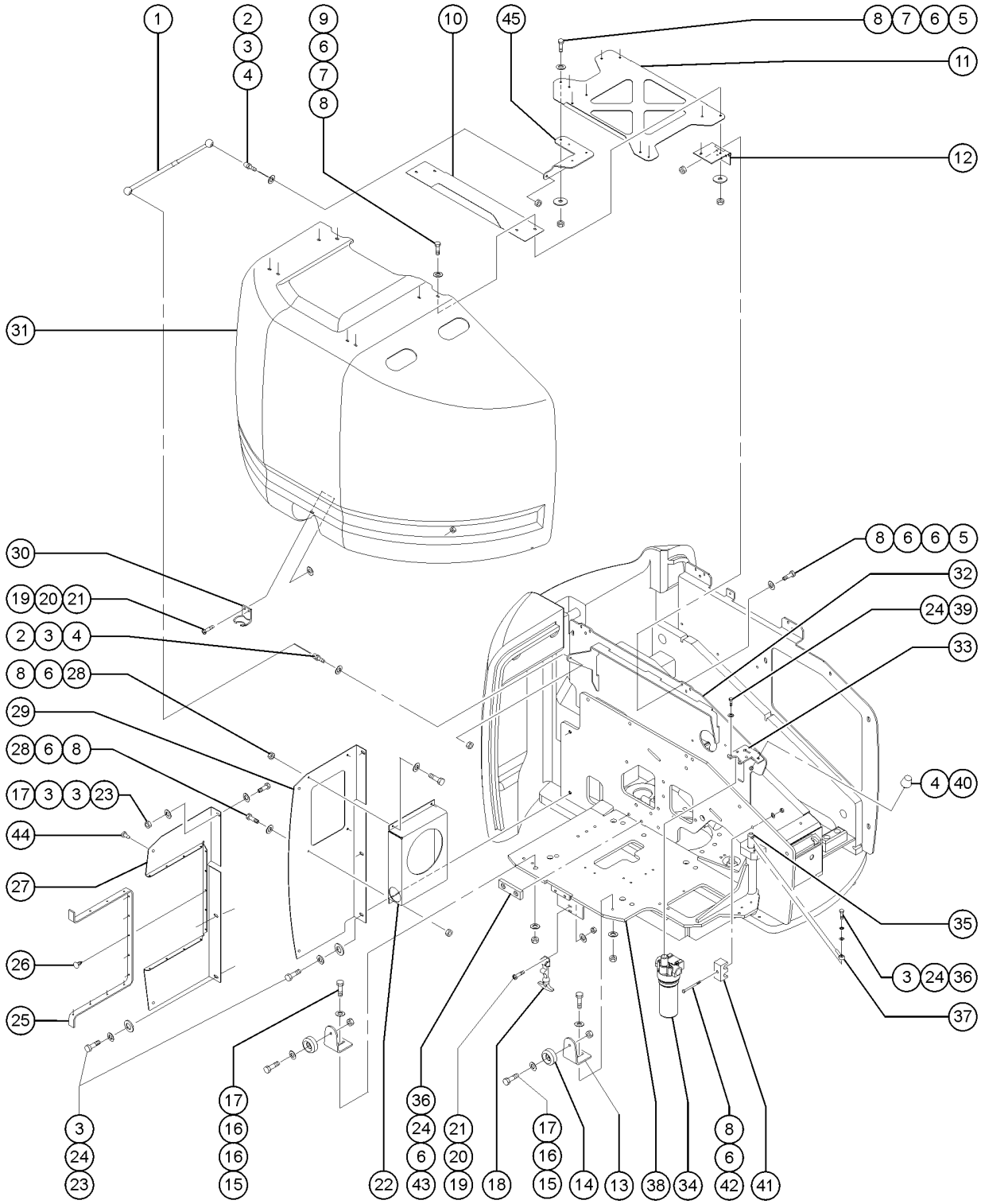
306.1 Turntable Covers, Engine Side



306.1 Turntable Covers, Engine Side

Item	Part No.	Description	Qty.
1	106069GT	STRUT,GAS,200 LB***	2
1-	27377GT	RETAINER,GAS SPRING***	
2	33555GT	BALL STUD**	2
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	6782GT	NUT, NYLOCK, 5/16-18	
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
8	6091GT	NUT,NYLOCK,1/4-20	
9	8915GT	SCREW, HHC, 1/4-20 X 1.25	
10	106676GT	FORMING,COVER PLATE	1
11	110483PGT	FORMING,COVER SUPPORT,PNTD	
12	75073GT	HINGE,.375X.120THK.,SLOTTED	2
13	54363GT	BRACKET,RUBBER BUMPER,ENGCOVER	2
14	50974GT	BUMPER,RUBBER,COVERS	2
15	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	
16	6097GT	WASHER, FLAT, USS, 3/8", Y	
17	4828GT	NUT, NYLOCK, 3/8-16	
18	45363GT	LATCH,FLEXIBLE	2
19	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
20	6146GT	WASHER,FLAT,MS,#10,Y	
21	6178GT	NUT, NYLOCK, 10-32	
22	101137PGT	DUCT,AIR INTAKE PAINTED Deutz models	1
23	6175GT	SCREW,HHC,3/8-16 X 1	
24	6021GT	WASHER, LOCK, .375	
25	54616GT	SEAL,RUBBER,BAFFLE,PERKIN/FORD Ford and Perkins models	1
26	54723GT	PLUG,1/4 X .400",BLK Ford and Perkins models	
27	110864GT	BAFFLE,FORD,Z45/51 Ford models	

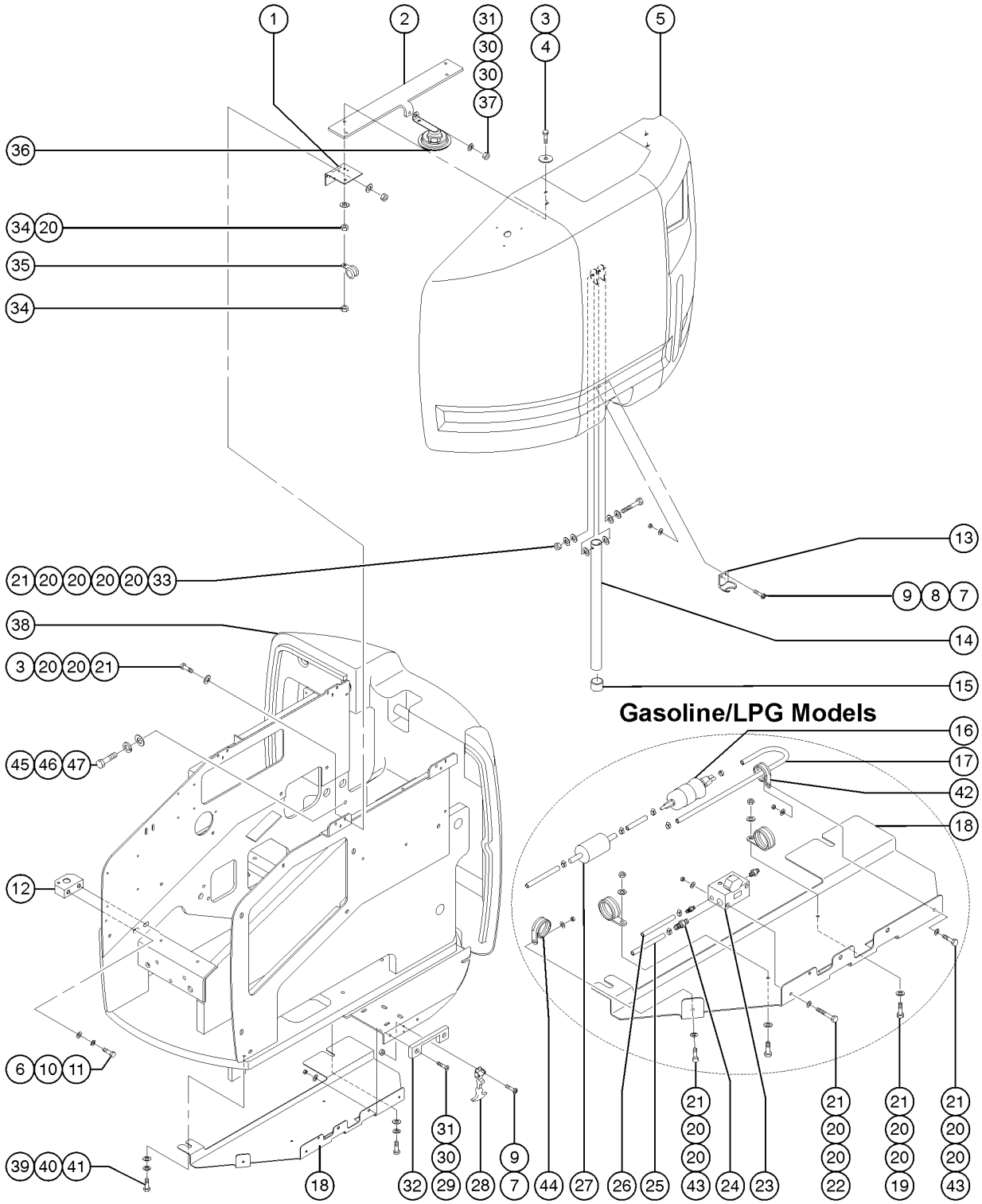
306.1 Turntable Covers, Engine Side



306.1 Turntable Covers, Engine Side

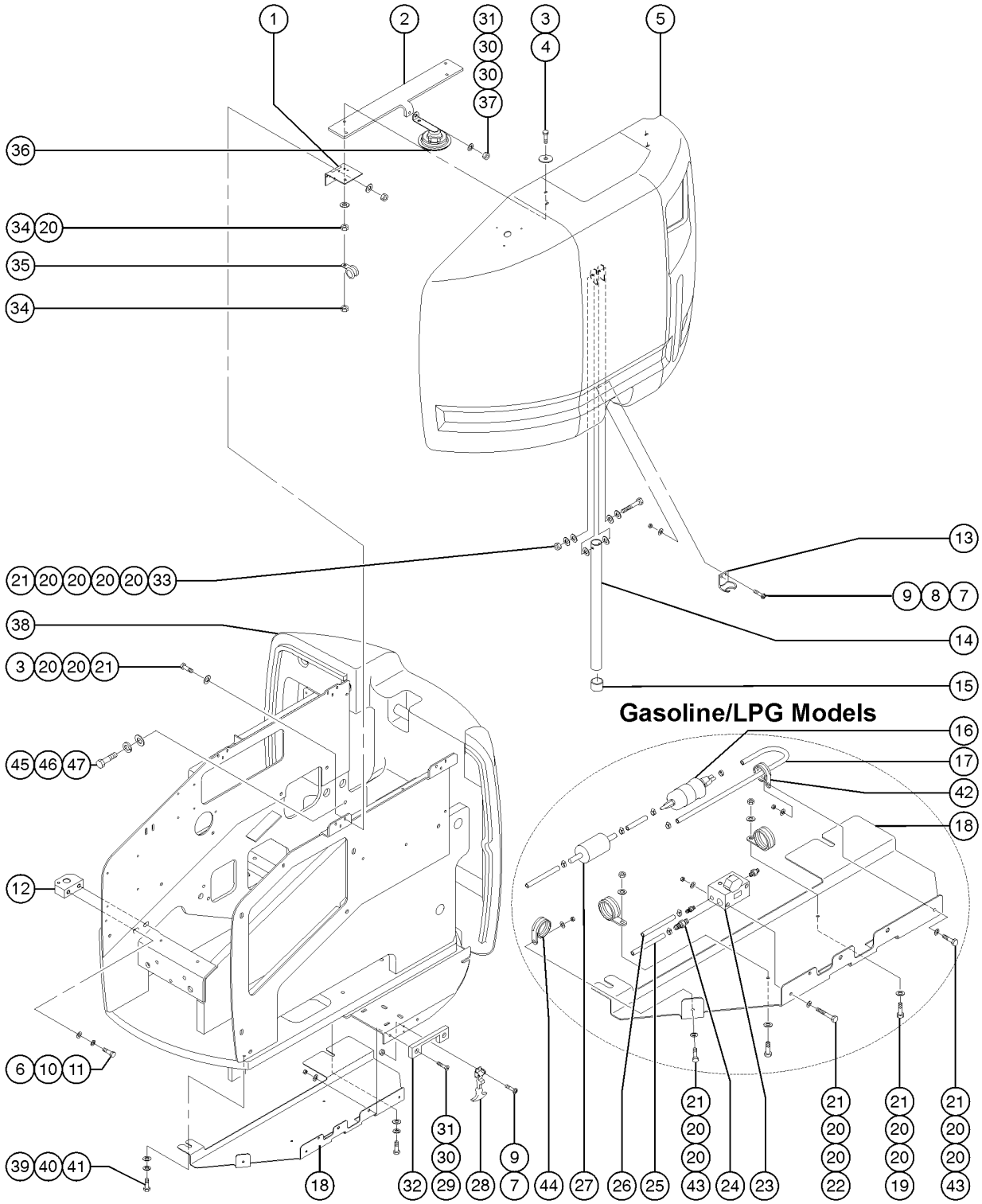
Item	Part No.	Description	Qty.
27-	54608PGT	PLATE,AIR BAFFLE,FORD,PAINTED Perkins models	
28	6090GT	SCREW, HHC, 1/4-20 X .75	
29	50581PGT	PLATE,AIR INTAKE ADAPTER,PAINT Deutz models	1
30	75076GT	KEEPER,LATCH (45363)	1
31	119411GT	COVER ASSY,IC,ENGINE SIDE does not include decals. refer to section 1 for decals	1
32	119628GT	WELDMENT,BULKHEAD,ENG SIDE IC	1
33	88269GT	BRACKET,HIGH PRESSURE FILTER	1
34	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
34-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
34-	58222GT	O-RING,FILTER ASSY (60334)***	
34-	58223GT	SEAL,FILTER ASSY (60334)***	
35	107803GT	PIN,1.00DIAX15.56LG,CHAMFER	1
36	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
37	1255452GT	ROD END,.375 X 2.25,ZAG	1
38		ASSEMBLY, ENGINE TRAY refer to section 411.1	1
38-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
39	8255GT	SCREW,HHC,3/8-16 X .75	
40	30973GT	BUMPER,RUBBER-1 X 1.25	1
41	70606GT	BLOCK,CABLE CLAMP,2/0 DOUBLE	4
42	4266GT	SCREW,HHC,1/4-20 X 2	
43	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	1
44	34619GT	BUMPER,RUBBER***	2
45	110941PGT	FORMING,STRUT SUPPORT,PNTD	

307.1 Turntable Covers, Tank Side



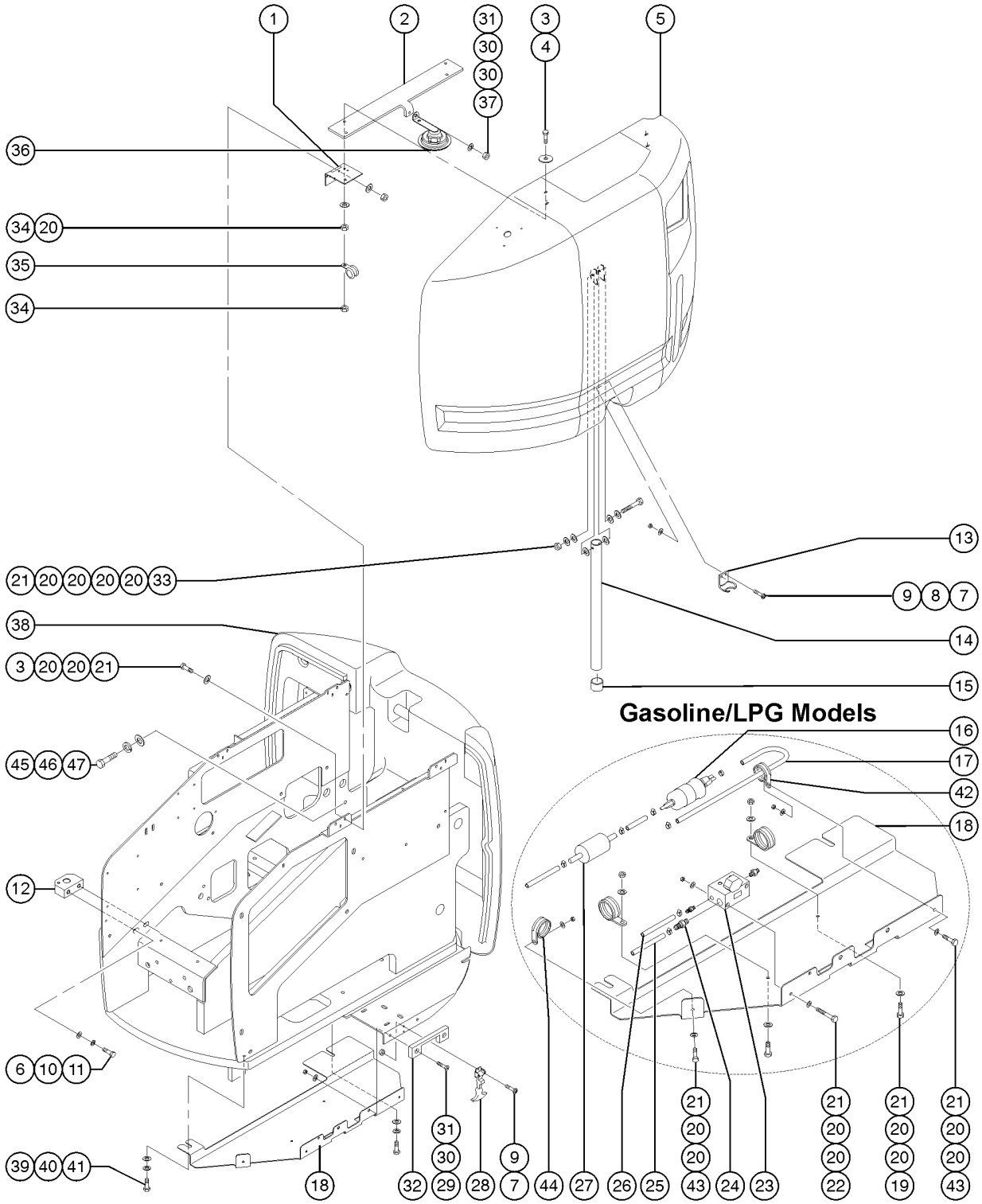
Item	Part No.	Description	Qty.
1	75073GT	HINGE,.375X.120THK.,SLOTTED	2
2	50965PGT	PLATE,COVER SPACER,PAINTED	1
3	6145GT	SCREW, HHC, 1/4-20 X 1.5	
4	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
5A	101574GT	COVER,TRNTBL,RH,W/SYM DECALS	
5B	228783GT	ASSY,COVER,HYD TANK,Z45/51 IC Australia	
6	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	2
7	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
8	6146GT	WASHER,FLAT,MS,#10,Y	
9	6178GT	NUT, NYLOCK, 10-32	
10	6036GT	WASHER,LOCK,.625 PLTD	
11	13064GT	WASHER,FLAT,.625 HARDENED	2
12	107805PGT	EAR, ENGINE TRAY PIVOT,PAINTED	1
13	75076GT	KEEPER,LATCH (45363)	1
14	77524GT	TUBE,PROP ROD,18.63",W/CAP includes item 15	1
15	55753GT	BUMPER, PLASTIC, 1.25 O.D.	1
16	119168GT	FUEL PUMP,DSG-423 AND MSG-425	1
16-	65892GT	CONN. ASSY,7.9 TUBE X6.35 HOSE	
16-	66031GT	CLAMP,1.88,#30 X 3/8,RUB CUSH	1
17	231645GT	HOSE,FUEL,5/16 HIGH PRESSURE 28 IN 28 inches	1
17-	231642GT	HOSE,FUEL,5/16 HIGH PRESSURE 132 IN 132 inches	1
17-	231646GT	HOSE,FUEL,5/16 HIGH PRESSURE 2 IN 2 inches	1
17-	231644GT	HOSE,FUEL,5/16 HIGH PRESSURE 50 IN 50 inches	1
17-	231643GT	HOSE,FUEL,5/16 HIGH PRESSURE 55 IN 55 inches	1
18	119423PGT	PLATE,FUEL PUMP,PNTD	1
19	6090GT	SCREW, HHC, 1/4-20 X .75	
20	6638GT	WASHER, FLAT, USS, 1/4"Y	
21	6091GT	NUT,NYLOCK,1/4-20	

307.1 Turntable Covers, Tank Side



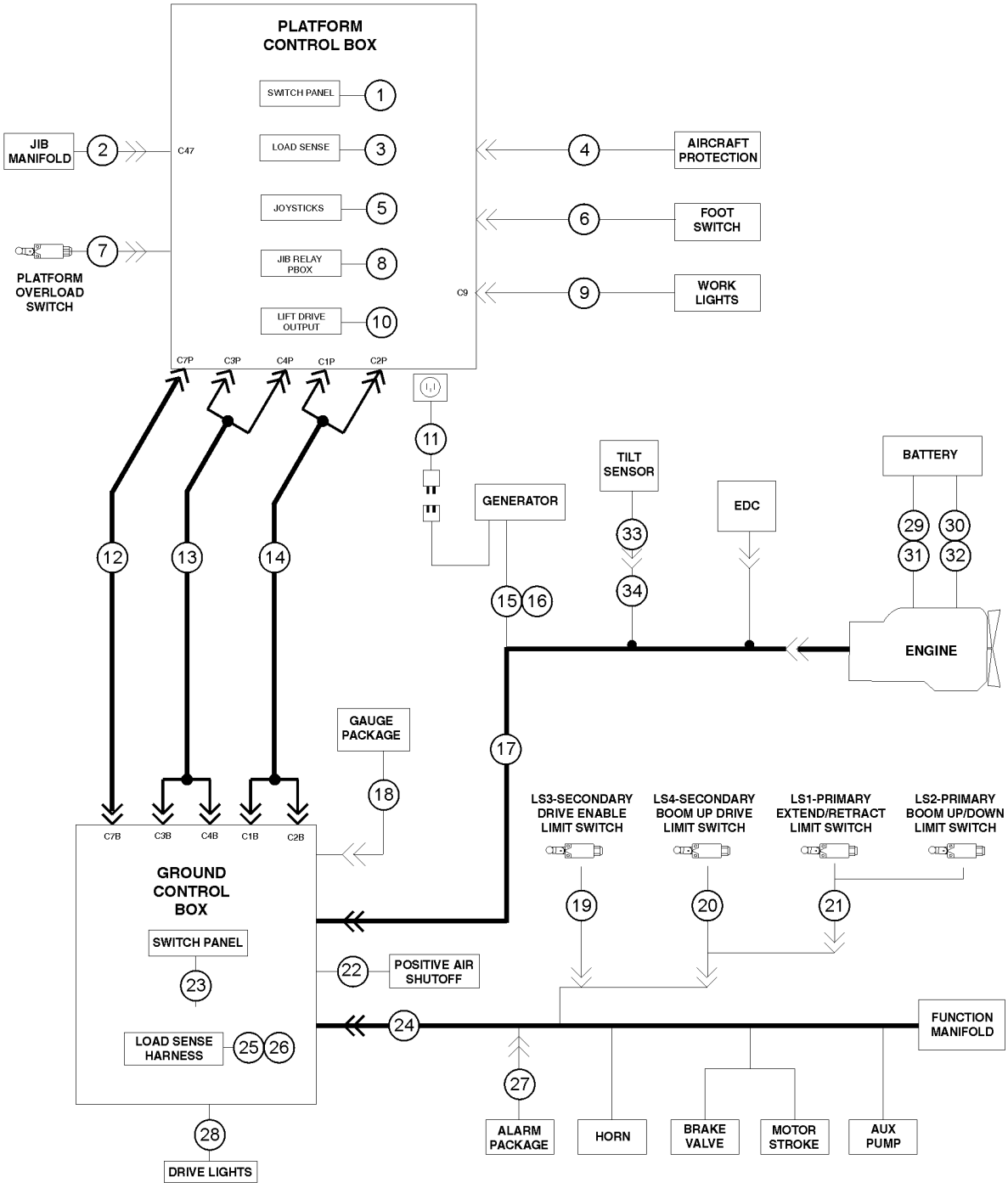
Item	Part No.	Description	Qty.
22	4266GT	SCREW,HHC,1/4-20 X 2	
23	119170GT	FUEL SENSOR ASSY.	1
23-	119483GT	FUEL JUMPER HARNESS	
23-	217828GT	FITTING, SAE 6, MSG425 not included with 11970, order seperately	
23-	217829GT	FITTING, SAE 3, MSG425 not included with 11970, order seperately	
24		CONN. BODY, 6.35 X 14.1, FORD (no longer available)	1
25	27089GT	HOSE,5/16 FUEL,SAE 30R7	32
26	27089GT	HOSE,5/16 FUEL,SAE 30R7	31
27	1272019GT	FILTER, FUEL	1
27-	66031GT	CLAMP,1.88,#30 X 3/8,RUB CUSH	1
27-	27089GT	HOSE,5/16 FUEL,SAE 30R7	25
28	45363GT	LATCH,FLEXIBLE	1
29	17712GT	SCREW,FHS,3/8-16 X 1.75	
30	5397GT	WASHER, FLAT, USS, 5/16-18	
31	4828GT	NUT, NYLOCK, 3/8-16	
32	54073GT	WEAR PAD,TANK SIDE BUMPER	1
33	6884GT	SCREW,HHC,1/4-20 X 2.5	
34	6889GT	NUT,LP NYLOCK,1/4-20	
35	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
36	81578GT	HORN,12VDC,SPADE TERMINALS***	1
37	6175GT	SCREW,HHC,3/8-16 X 1	
38	60037GT	COUNTERWEIGHT,CAST,3500LBS refer to items 45-47 for fasteners	1
39	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
40	6033GT	WASHER,LOCK,0.5"	
41	6095GT	WASHER,FLAT,USS,1/2",Y	
42	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
43	6888GT	SCREW, HHC, 1/4-20 X 1	
44	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	1

307.1 Turntable Covers, Tank Side



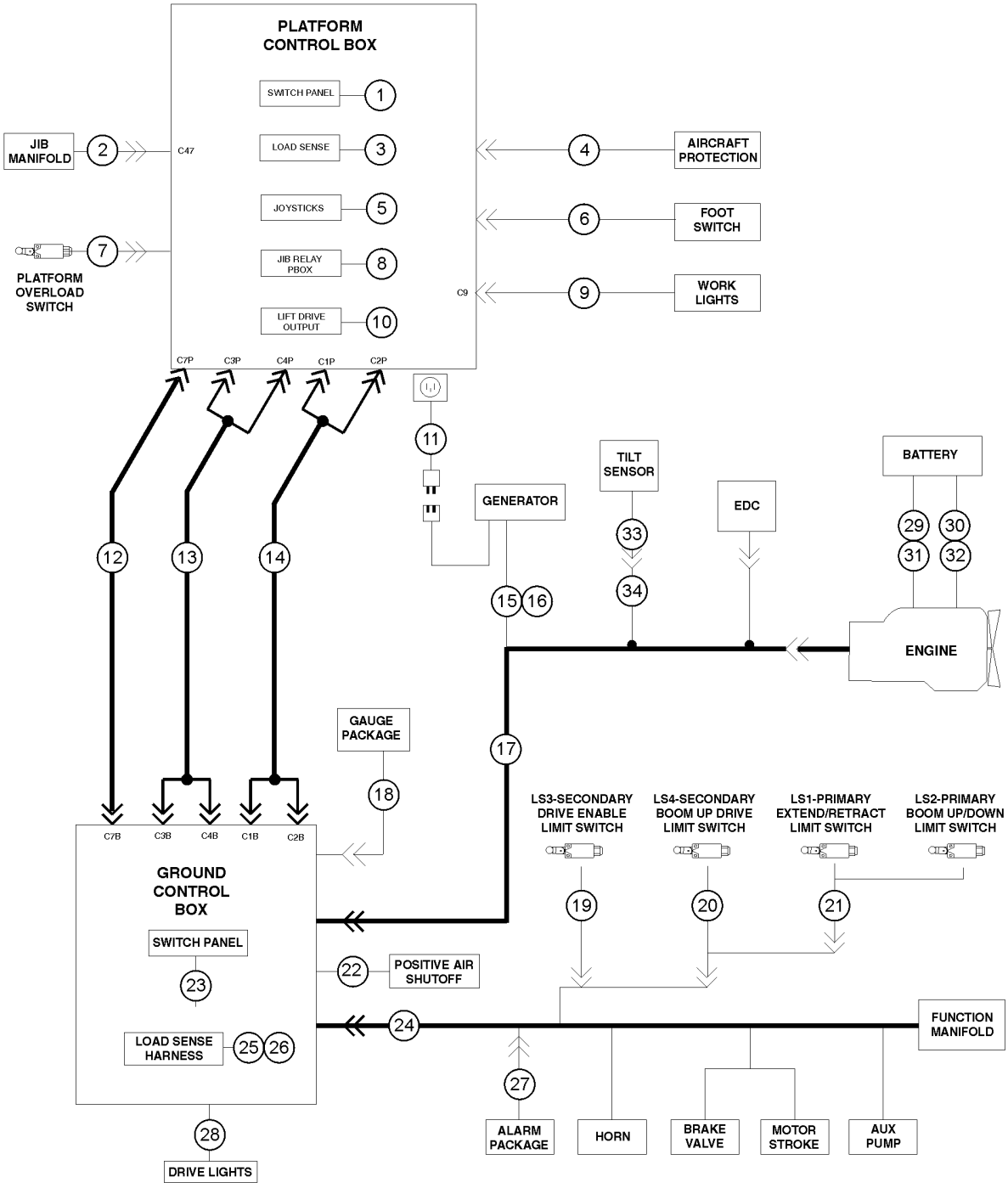
Item	Part No.	Description	Qty.
45	42078GT	SCREW,HHC,1-8 X 3 GRD.5	4
46	29605GT	WASHER,LOCK,1"	4
47	38859GT	WASHER,FLAT,USS,1",Y	4

308.1 Wire Harness Diagram, Z-45/25



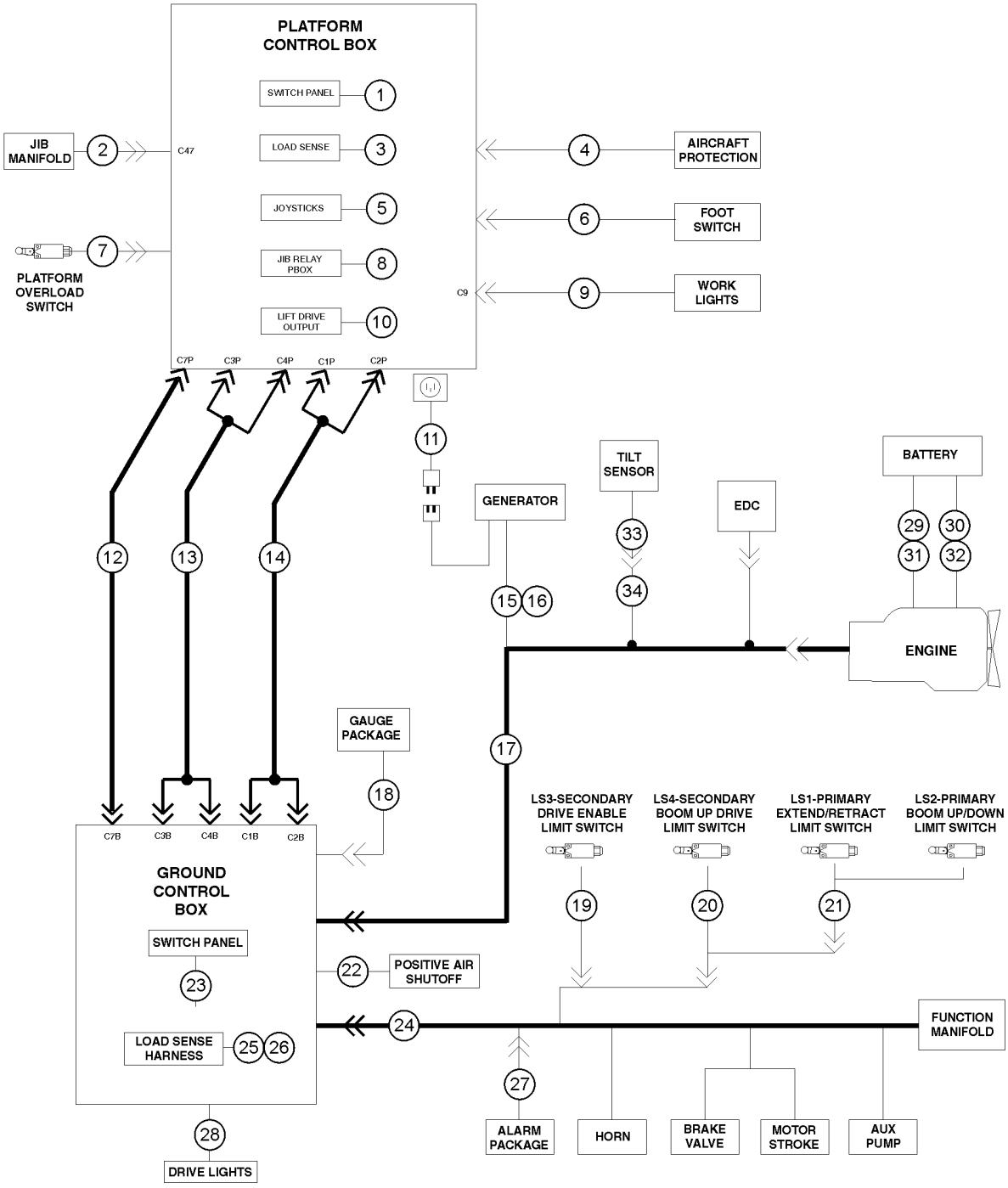
Item	Part No.	Description	Qty.
B	1264822GT	KIT, TRC RETROFIT, STNDRD Telematics (includes 1264834)	
B-	1264834GT	INSTRN, TRC RETROFIT, STNDRD	
1	T108153GT	HARNESS KIT,Z45/51 PLAT BOX (from SN 22051 to 31327) (direct replacement for 94721)	1
1-	122125GT	ADAPTER CABLE, JS100 JOYSTICK (from SN 22051 to 31327)	
1-	119612GT	HARNESS,PBOX WIRING*** (from SN 22051 to 31327)	
1-	119611GT	HARNESS,PBOX JOYSTICKS (from SN 22051 to 31327)	
2A	101080GT	HARNESS,JIB SELECT MANIFOLD	1
2B	119867GT	WIRING KIT,JIB TIME DELAY IC	1
2B-	43181GT	CAPACITOR,TIME DELAY	
2B-	19274GT	RELAY,SPDT,12V(AUTO)**	
3	147031GT	HARNESS, LOAD SENSE	1
4	228449GT	HARNESS,PROX KILL	1
5	119611GT	HARNESS,PBOX JOYSTICKS	1
6		Ref. Foot Switch (refer to 601.1)	1
7B	147786GT	ASSY, LS, LOAD SENSE, 89 IN (non-jib models)	1
9		Ref. Work Lights (refer to 916.1)	1
10	T108109GT	LIFT/DRIVE CUTOUT, Z45/Z51IC	1
11	43955GT	WIRE CABLE,12/3 CON.TPE JKT	756 inches
12A	88723-72700GT	HARNESS,12/3,12V TO PLAT (non-jib models)	1
13A	88721-73000GT	HARNESS,18/19 BOOM CABLE #1 (non-jib models) (Z-45/25; green and brown connectors)	1
14A	88722-73000GT	HARNESS,18/19,BOOM CABLE #2 (non-jib models) (Z-45/25 non-jib; gray and black connectors)	1
15A	101939GT	HARNESS, BD GEN.110V/60HZ Z45P (Perkins models)	1
15B	106030GT	HARNESS, BD GEN.110V/60HZ Z45D (Deutz models)	1
16	106564GT	HARNESS,GEN GROUND	1
17A	110269GT	HARNESS PERKINS ENGINE Z45 ALT	1
17B	101886GT	HARNESS,ENGINE,DEUTZ	1
17C	119776GT	HARNESS,FORD DSG423,Z45	1

308.1 Wire Harness Diagram, Z-45/25



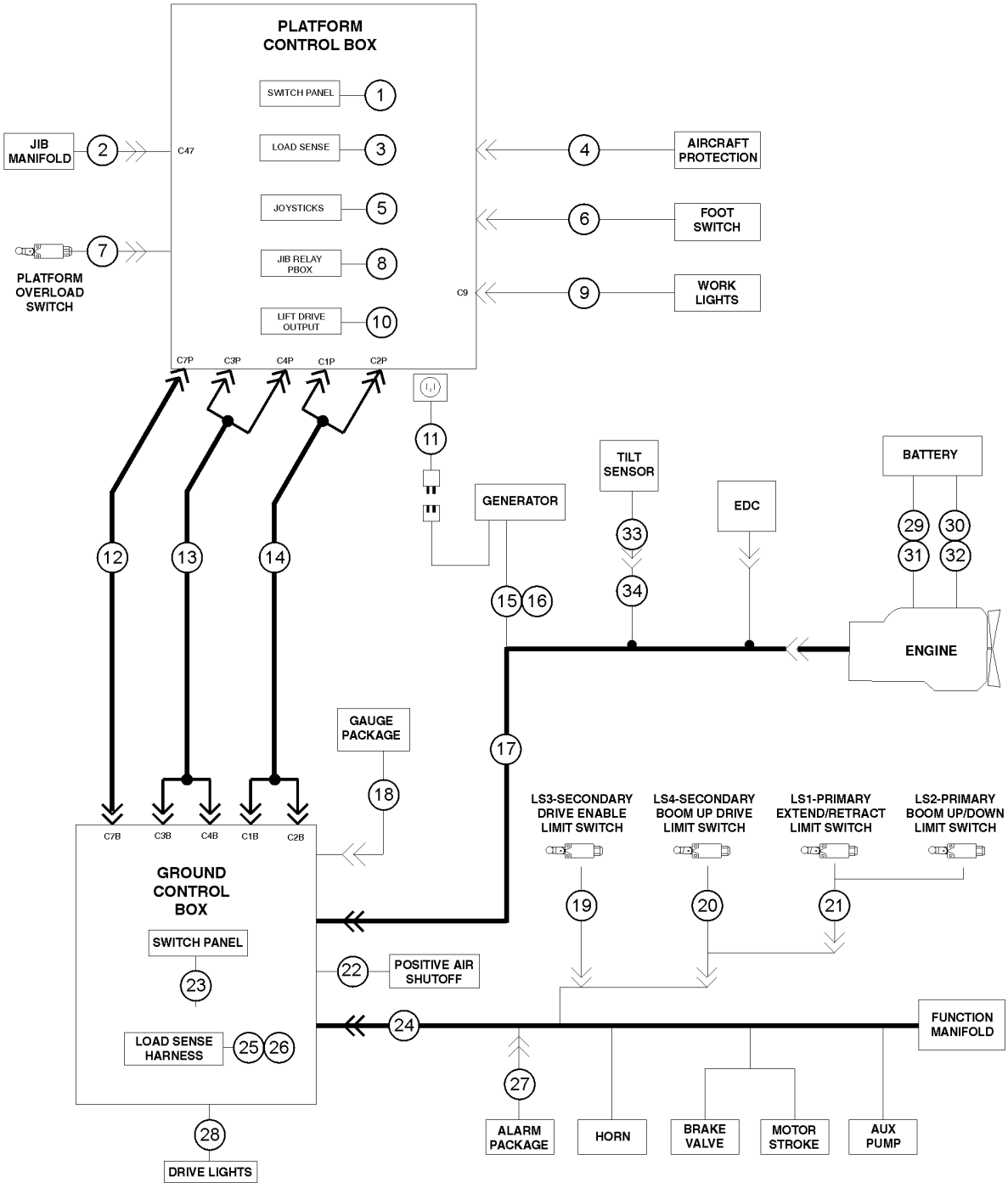
Item	Part No.	Description	Qty.
17C-	119483GT	FUEL JUMPER HARNESS (from SN 38133)	
17C-	147428GT	HARNESS, FORD STARTER (from SN 39705)	
18A	77285GT	HARNESS,GAUGE OPT.,Z45 DEUTZ** (Ford and Perkins models)	1
18B	107551GT	HARNESS,GAUGE OPT.,Z45 DEUTZ (Deutz models)	
19	110160GT	HARNESS,LS,D.E. Z45	1
20	88724GT	HARNESS,LS,PRIM/EXT/SEC	1
21	88725GT	HARNESS,LS,PRIM/EXT	1
22	128064GT	HARNESS, POSITIVE AIR SHUTOFF (Australia models)	1
23A	94682GT	HARNESS,BASE DD/PD (Perkins and Deutz models)	1
23B	94681GT	HARNESS,BASE FORD (Ford models)	1
24	107993GT	HARNESS,IC FUNCTION MANIFOLD	1
25A	147225GT	S60 ASSEMBLY, GBOX	1
25B	216754GT	HARNESS,JUMPER,LOAD SENSE (Australia models)	1
26	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	1
27	119985GT	HARNESS,ALARM OPTION,Z45	1
28	147532GT	HARNESS,DRIVE LIGHT OPTION	1
29	70609GT	BATTERY CABLE,1/0,BLK,91"***	1
30	70608GT	BATTERY CABLE,1/0,RED,105"***	1
31	70646GT	BATTERY CABLE,BLK,#2,5/16,3/8*	1
32	70645GT	BATTERY CABLE,RED#2,5/16,5/16	1
33	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN For ANSI/CSA models with 6-pin wire harness connector, includes instructions	1
34	1260218GT	HARNESS,TILT ALARM,12V for CSA models	1

308.2 Wire Harness Diagram, Z-45/25J



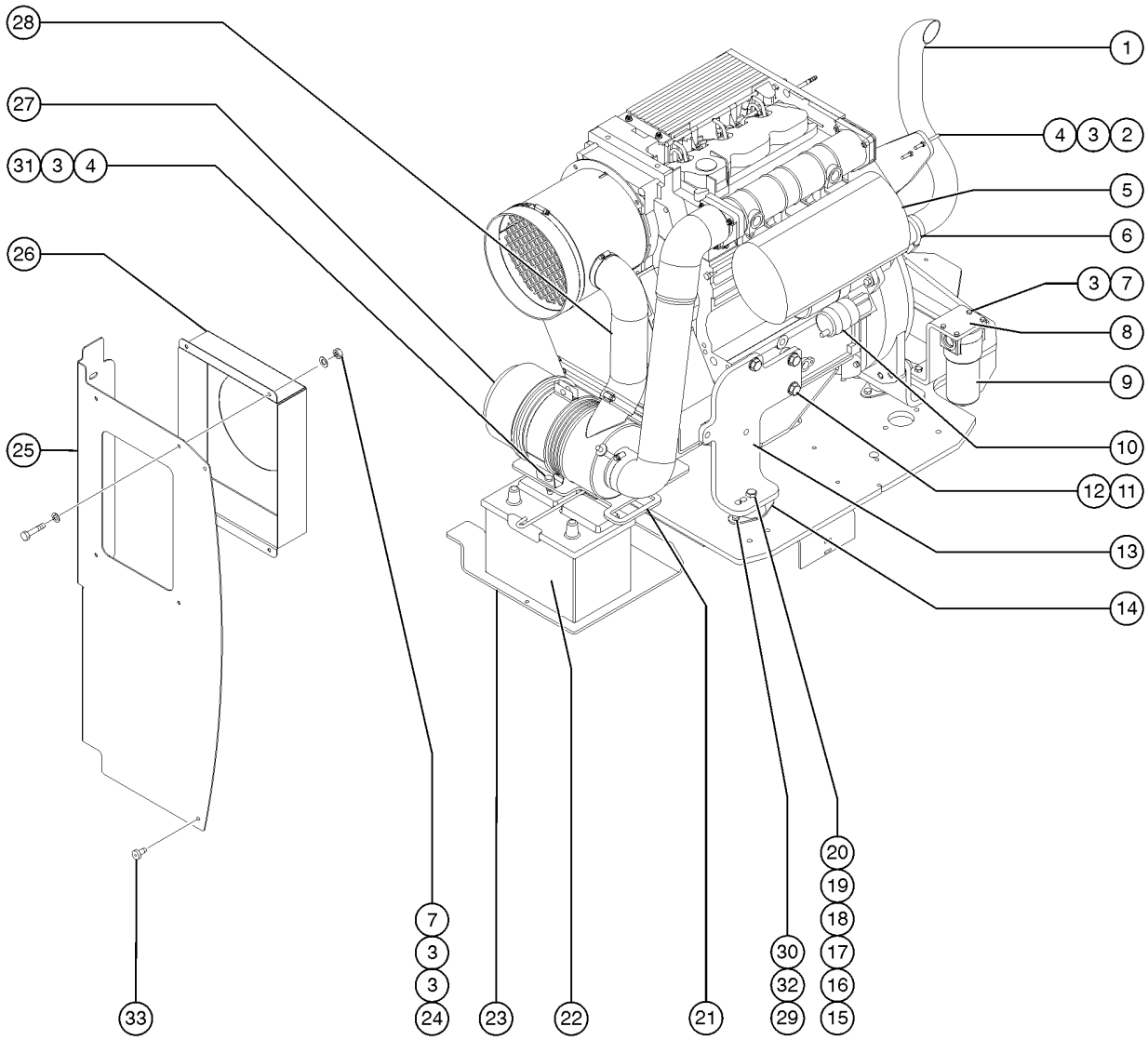
Item	*Part No.*	*Description*	*Qty.*
1	T108153GT	HARNESS KIT,Z45/51 PLAT BOX (from SN 22051 to 31327) (direct replacement for 94721)	1
1-	122125GT	ADAPTER CABLE, JS100 JOYSTICK (from SN 22051 to 31327)	
1-	119612GT	HARNESS,PBOX WIRING*** (from SN 22051 to 31327)	
1-	119611GT	HARNESS,PBOX JOYSTICKS (from SN 22051 to 31327)	
2A	101080GT	HARNESS,JIB SELECT MANIFOLD	1
2B	119867GT	WIRING KIT,JIB TIME DELAY IC	1
2B-	43181GT	CAPACITOR,TIME DELAY	
2B-	19274GT	RELAY,SPDT,12V(AUTO)**	
3	147031GT	HARNESS, LOAD SENSE	1
4	228449GT	HARNESS,PROX KILL	1
5	119611GT	HARNESS,PBOX JOYSTICKS	1
6		Ref. Foot Switch (refer to 602.1)	1
7A	121848GT	ASSY,LS,LOAD SENSE,38.5 IN (jib models)	1
8	77419GT	HARNESS,PLATFORM,Z45/25,IC,JIB (jib models)	1
9		Ref. Work Lights (refer to 916.1)	1
10	T108109GT	LIFT/DRIVE CUTOUT, Z45/Z51IC	1
11	43955GT	WIRE CABLE,12/3 CON.TPE JKT	756 inches
12B	88723-71000GT	HARNESS,12/3,12V TO PLAT (green and brown connectors)	1
13B	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 (brown and green; IC JIB / DC non jib)	1
14B	88722-72000GT	HARNESS,18/19,BOOM CABLE #2 (black and gray; IC JIB / DC non jib)	1
15A	101939GT	HARNESS, BD GEN.110V/60HZ Z45P (Perkins models)	1
15B	106030GT	HARNESS, BD GEN.110V/60HZ Z45D (Deutz models)	1
16	106564GT	HARNESS,GEN GROUND	1
17A	110269GT	HARNESS PERKINS ENGINE Z45 ALT	1
17B	101886GT	HARNESS,ENGINE,DEUTZ	1
17C	119776GT	HARNESS,FORD DSG423,Z45	1
17C-	119483GT	FUEL JUMPER HARNESS (from SN 38133)	

308.2 Wire Harness Diagram, Z-45/25J



Item	Part No.	Description	Qty.
17C-	147428GT	HARNESS, FORD STARTER (from SN 39705)	
18A	77285GT	HARNESS,GAUGE OPT.,Z45 DEUTZ** (Ford and Perkins models)	1
18B	107551GT	HARNESS,GAUGE OPT.,Z45 DEUTZ (Deutz Models)	
19	110160GT	HARNESS,LS,D.E. Z45	1
20	88724GT	HARNESS,LS,PRIM/EXT/SEC	1
21	88725GT	HARNESS,LS,PRIM/EXT	1
22	128064GT	HARNESS, POSITIVE AIR SHUTOFF (Australia models)	1
23A	94682GT	HARNESS,BASE DD/PD (Perkins and Deutz models)	1
23B	94681GT	HARNESS,BASE FORD (Ford models)	1
24	107993GT	HARNESS,IC FUNCTION MANIFOLD	1
25A	147225GT	S60 ASSEMBLY, GBOX	1
25B	216754GT	HARNESS,JUMPER,LOAD SENSE (Australia models)	1
26	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	1
27	119985GT	HARNESS,ALARM OPTION,Z45	1
28	147532GT	HARNESS,DRIVE LIGHT OPTION	1
29	70609GT	BATTERY CABLE,1/0,BLK,91"***	
30	70608GT	BATTERY CABLE,1/0,RED,105"***	
31	70646GT	BATTERY CABLE,BLK,#2,5/16,3/8*	
32	70645GT	BATTERY CABLE,RED#2,5/16,5/16	
33	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN For ANSI/CSA models with 6-pin wire harness connector, includes instructions	1
34	1260218GT	HARNESS,TILT ALARM,12V for CSA models	1

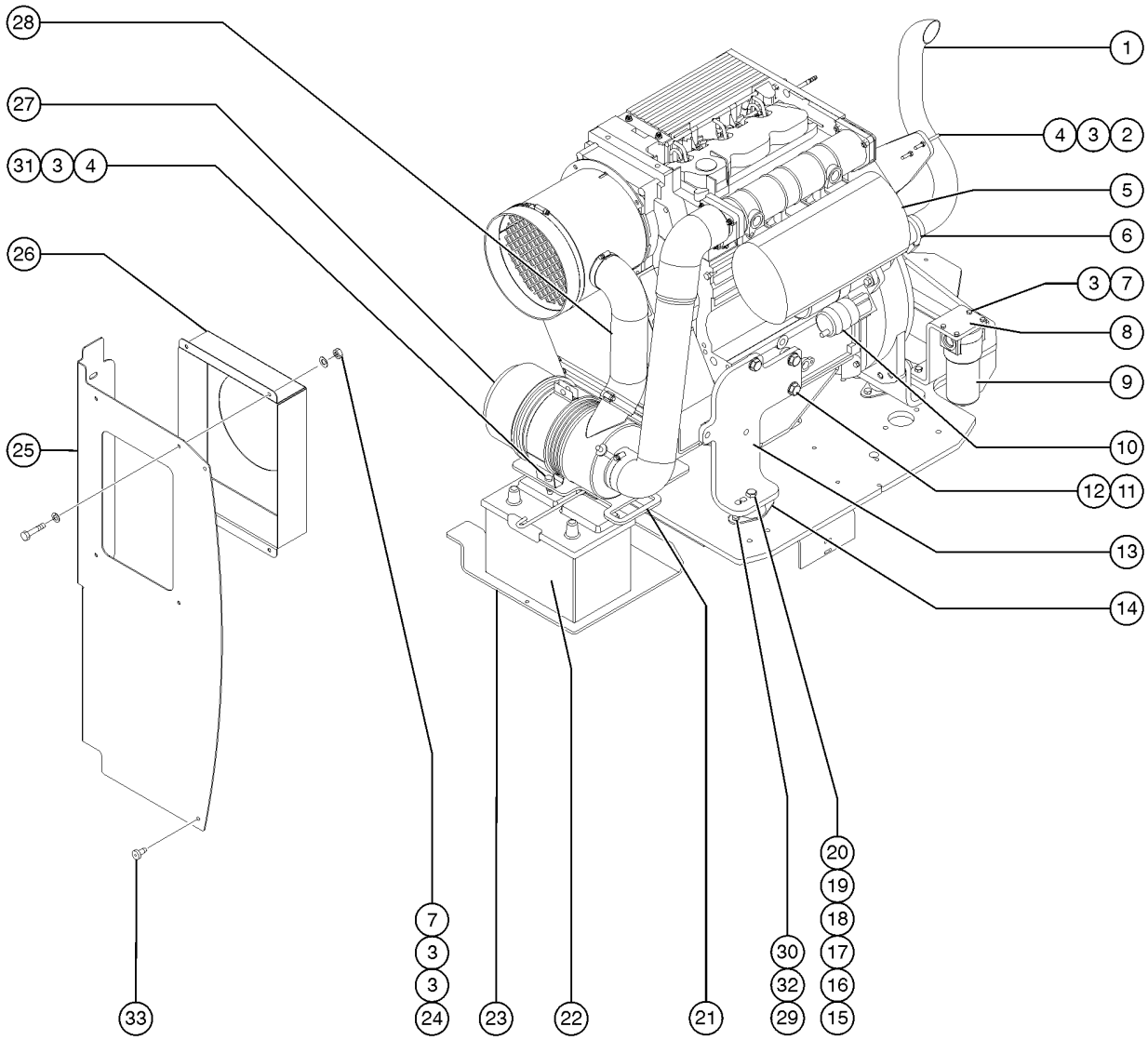
401.1 Deutz F3L 2011/ D2011L03i Engine - View 1



401.1 Deutz F3L 2011/ D2011L03i Engine - View 1

Item	Part No.	Description	Qty.
	70453GT	ENGINE,DEUTZ D2011L03I F3L1011 AND F3L1011F Engines only	
1	50761GT	EXHAUST PIPE,DEUTZ 3 CYL DSL	1
2	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
5	32695GT	MUFFLER,DEUTZ	1
5-	54563GT	MUFFLER,SPARK ARRESTOR,DEUTZ option	
5-	119117GT	MUFFLER,CAT/SPARK,DEUTZ option	
5-	70385GT	CLAMP,EXHAUST,2.00 PLATED option	
5-	29559GT	GASKET,EXHAUST for 119117, 3 required	3
6	30438GT	CLAMP,MUFFLER,2 1/4" ID.	1
7	6090GT	SCREW, HHC, 1/4-20 X .75	
8	50696PGT	BRACKET,MID PRES OIL FILTER,PA	1
9		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
9-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
9A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
9A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
10	139709GT	STARTER, 12V	1
10-	49915GT	SOLENOID-STARTR DEUTZF4L1011F*	
10-	139621GT	KIT, HEAT GUARD, DEUTZ STARTER	
10-	139622GT	HEAT SHIELD,DEUTZ STARTER from SN 10A-39771, 10B-1528	
11	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	
12	49411GT	WASHER,FLAT,M14	
13	70461PGT	FORMING,ENGINE MOUNT,FL PAINT*	1
14	70452GT	ISOLATOR,ENGINE VIBRATION	2
15	8357GT	SCREW, HHC, 1/2-13 X 3.5	
16	6095GT	WASHER,FLAT,USS,1/2",Y	
17	101730GT	SPACER,ENGINE MOUNT	2

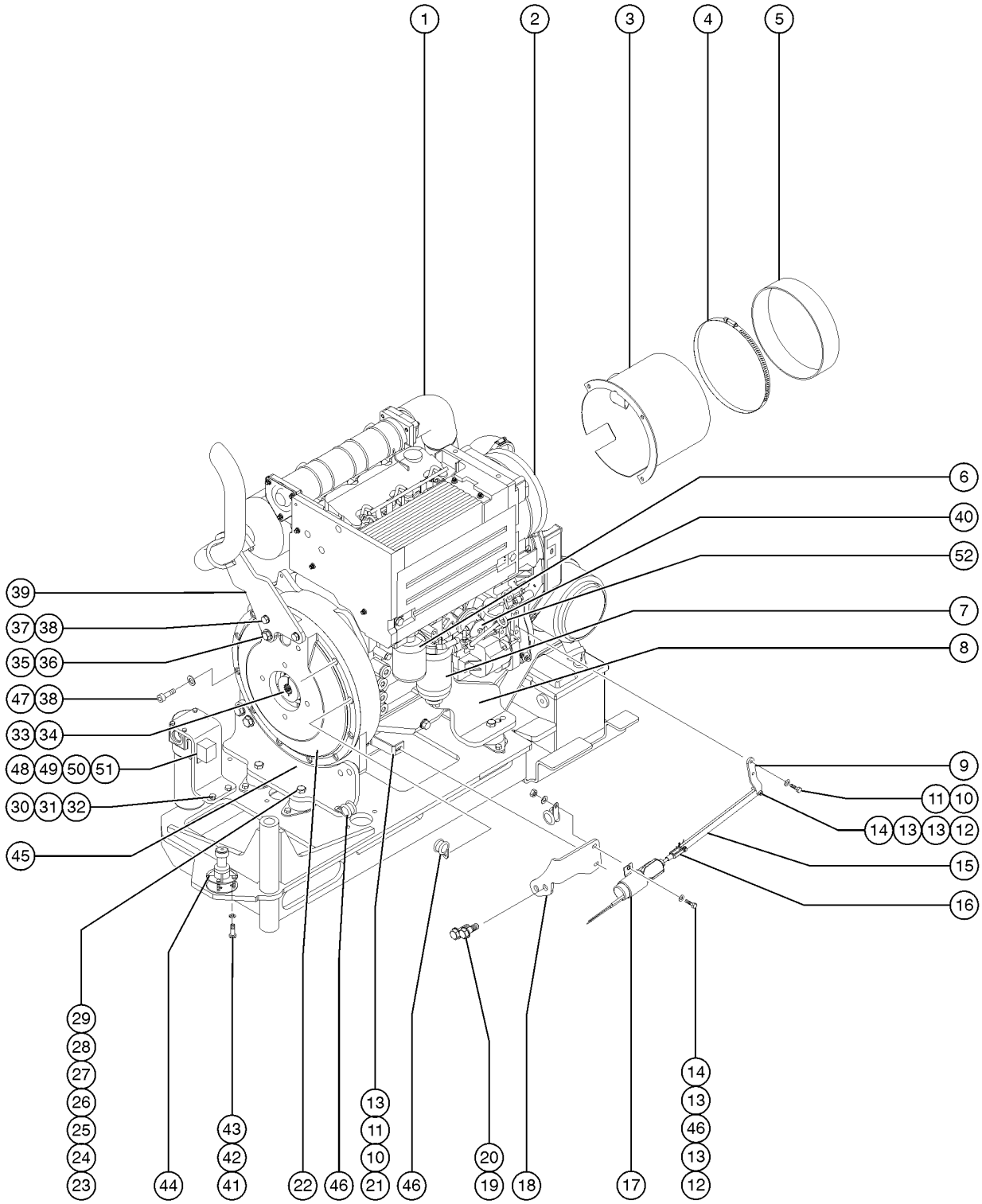
401.1 Deutz F3L 2011/ D2011L03i Engine - View 1



401.1 Deutz F3L 2011/ D2011L03i Engine - View 1

Item	Part No.	Description	Qty.
18	101729GT	WASHER,VIBRATION ISOLATING	2
19	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	
20	6198GT	NUT, NYLOCK, 1/2-13	
21	101130PGT	Air Cleaner Bracket	1
22		BATTERY, 12V,900 CCA refer to section 411.1	1
23	54207PGT	BRACKET,GENERATOR MOUNT,PAINT	1
24	6091GT	NUT,NYLOCK,1/4-20	
25	50581PGT	PLATE,AIR INTAKE ADAPTER,PAINT	1
26	101137PGT	DUCT,AIR INTAKE PAINTED	1
27	63463GT	AIR CLEANER,NELSON*** plastic housing	1
27-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
27-	62420GT	FILTER, AIR D2.9L4	
27-	65810GT	BAFFLE, AIR CLEANER (27915)**	
27-	52866GT	EVACUATOR VALVE-AIR CLEANER	
27-	53952GT	BRKT,AIR CLEANER ORIENTATION**	
28	101006GT	TUBE,AIR CLEANER INLET	1
29	8516GT	SCREW, HCC, 3/8-16 X 1.50	
30	4828GT	NUT, NYLOCK, 3/8-16	
31	13000GT	SCREW,HHC,5/16-18 X 1.25	
32	6097GT	WASHER, FLAT, USS, 3/8", Y	
33	34619GT	BUMPER,RUBBER***	2

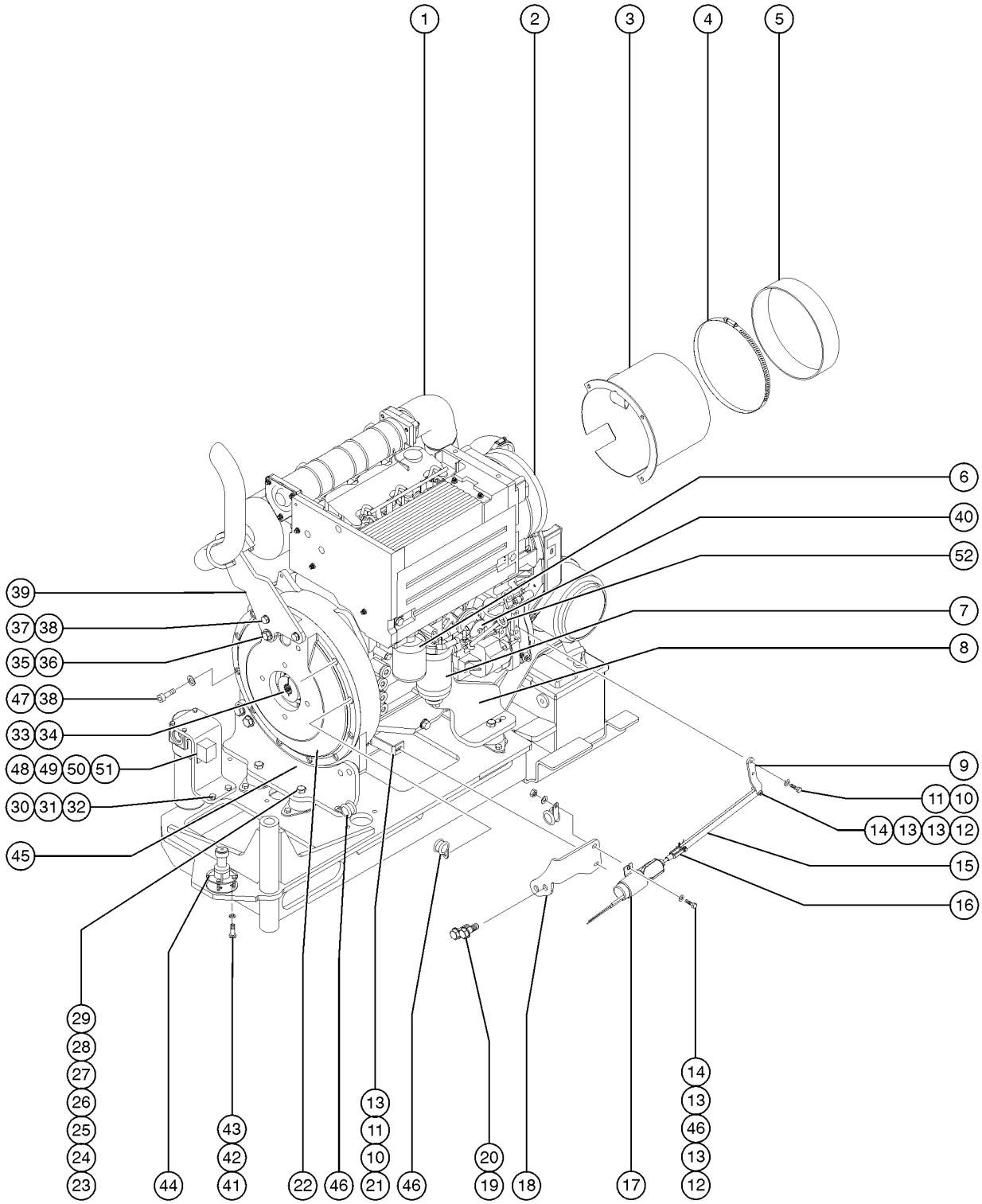
402.1 Deutz F3L 2011/ D2011L03i Engine - View 2



402.1 Deutz F3L 2011/ D2011L03i Engine - View 2

Item	Part No.	Description	Qty.
A-	89780GT	FUEL LINE, DEUTZ F3L 2011F,1 METER LG	
B-	52352GT	DIPSTICK-F3L1011F (DEUTZ) verify letter code (A, B, C or D) before ordering	
C-	89792GT	INJECTOR, FUEL(DEUTZ F3L2011F)	
C-	1288561GT	O-RING,FUEL INJECTOR,DEUTZ (89792) for 89792	
D-	102588GT	OIL TEMP SENSOR, DEUTZ F4L2011	
E-	139624GT	SWITCH, OIL PRESSURE 1.5 BAR (replaced 65765)	1
F-	139666GT	KIT,OP SWITCH,DEUTZ (oil pressure kit for models with ALC-500 control system. replaces 65765. includes item 139624 and instructions)	
G-	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (if replacing 32752 for the first time, also order 58256) (includes o-ring)	
H-	58256GT	SOLENOID CABLE ASSY***	
J-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF*	
1	70375GT	HOSE,AIR CLEANER	1
2	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	1
2-	32698GT	BELT	
3	101140P-SGT	AIR INTAKE TUBE ASSY	1
4	31523GT	CLAMP,HOSE,8.50 DIA***	1
5	33239GT	WELDMENT, AIR INTAKE TUBE	1
6	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
6-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1
7	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
7-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
8	70460PGT	FORMING,ENGINE MOUNT,FR PAINT*	1
9	50787-SGT	LEVER, GOVERNOR ACTUATOR	1
10	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	
11	49407GT	WASHER,LOCK,M6	
12	6584GT	SCREW,SHS,10-24 X .625	
13	25926GT	WASHER,FLAT,M6 PLTD.	
14	5365GT	NUT,NYLOCK,10-24	
15	94485GT	THROTTLE LINKAGE,DIESEL***	1

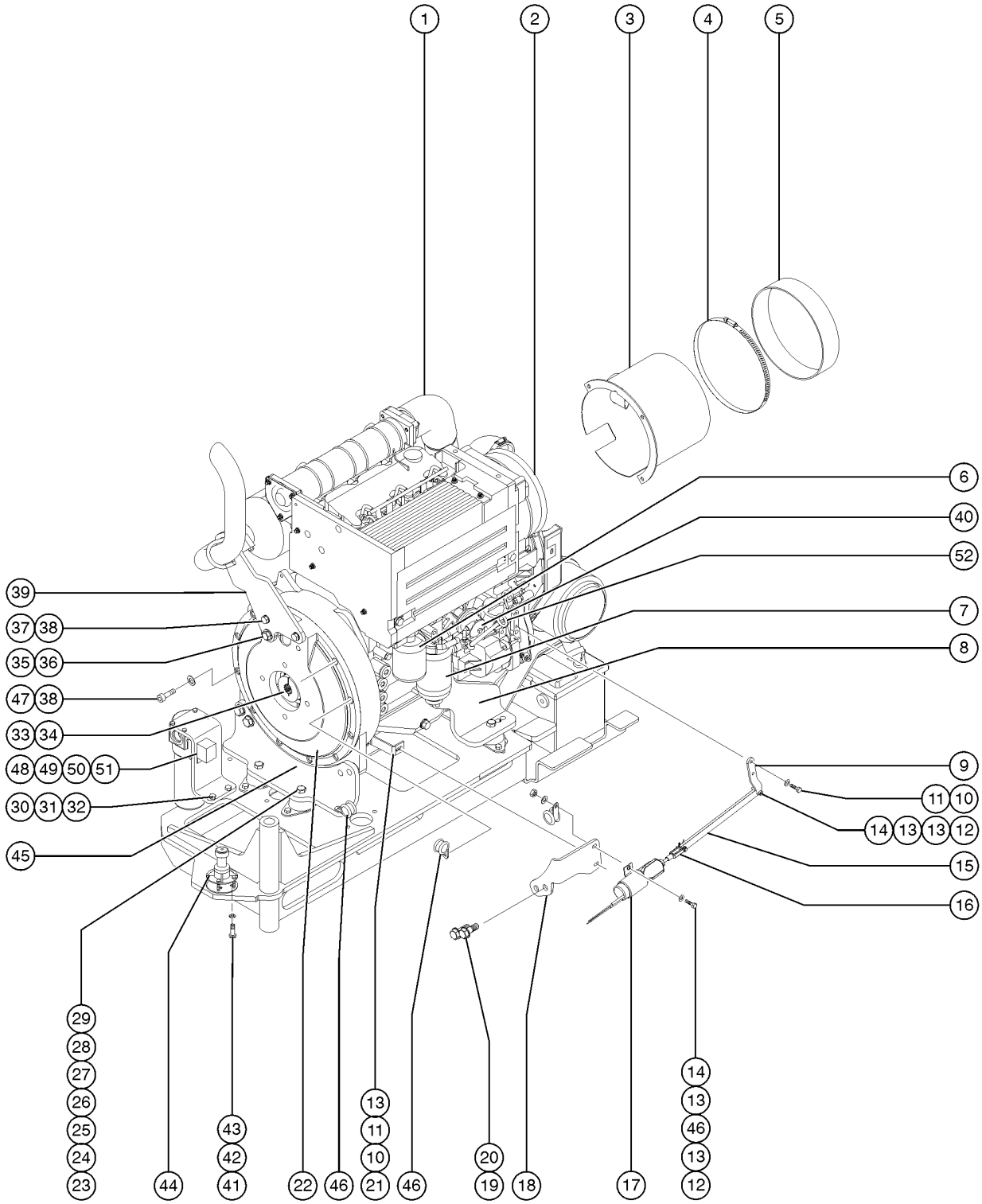
402.1 Deutz F3L 2011/ D2011L03i Engine - View 2



402.1 Deutz F3L 2011/ D2011L03i Engine - View 2

Item	Part No.	Description	Qty.
16	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	
17	77402GT	SOLENOID,THROTTLE ACTUATOR DSL	1
18	101129PGT	BRACKET,SOLENOID MOUNT PAINT	1
19	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	
20	49411GT	WASHER,FLAT,M14	
21	77245PGT	BRACKET,SOLEN.MOUNT BRACE,PNTD	1
22	70381GT	COVER,FLYWHEEL CASTING	1
23	10598GT	SCREW,HHC,1/2-13 X 3	
24	6095GT	WASHER,FLAT,USS,1/2",Y	
25	70452GT	ISOLATOR,ENGINE VIBRATION	4
26	101730GT	SPACER,ENGINE MOUNT	4
27	101729GT	WASHER,VIBRATION ISOLATING	4
28	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	
29	6198GT	NUT, NYLOCK, 1/2-13	
30	8516GT	SCREW, HCC, 3/8-16 X 1.50	
31	6097GT	WASHER, FLAT, USS, 3/8", Y	
32	4828GT	NUT, NYLOCK, 3/8-16	
33	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
34	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
34-	128023GT	KIT,FBA STYLE COUPLER,SAE8 replaces flex plate and coupler	1
35	8177GT	SCREW,HHC,1/2-13 X 1.5	
36	6033GT	WASHER,LOCK,0.5"	
37	67631GT	SCREW,HHC,M10 X 80 GR 8.8	
38	22700GT	WASHER,LOCK,M10	
39	101138PGT	BRACKET,MUFFLER,DEUTZ 3 CYL PN	1
40	111668GT	PUMP,FUEL 2011 DEUTZ ***	1
40-	119344GT	KIT,PRIMER BULB	
41	8915GT	SCREW, HHC, 1/4-20 X 1.25	

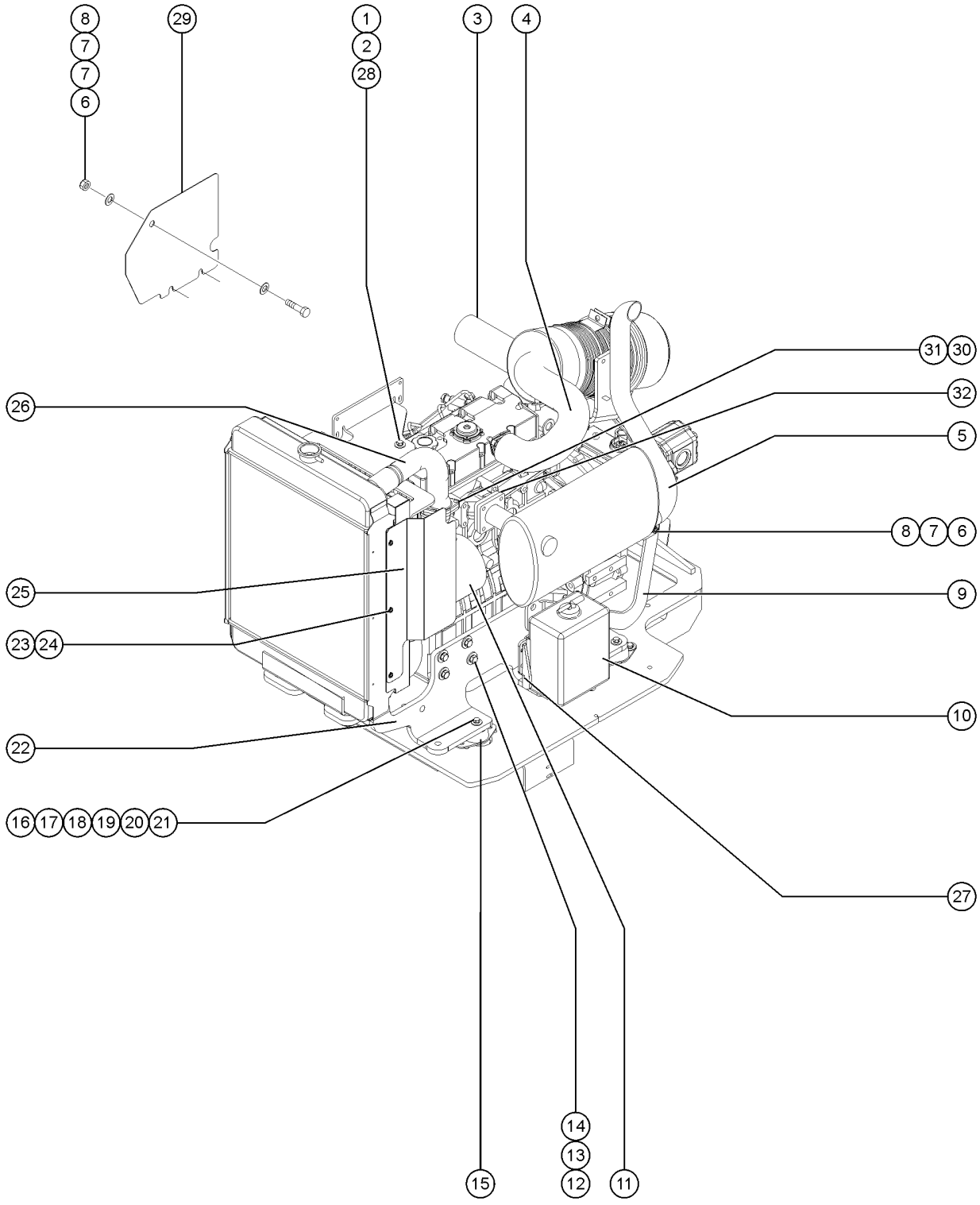
402.1 Deutz F3L 2011/ D2011L03i Engine - View 2



402.1 Deutz F3L 2011/ D2011L03i Engine - View 2

Item	Part No.	Description	Qty.
42	6638GT	WASHER, FLAT, USS, 1/4"Y	
43	6091GT	NUT,NYLOCK,1/4-20	
44		REF: Level Sensor refer to section 409.1	1
45	101592GT	FORMING,ENGINE MOUNT,REAR	1
46	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	4
47	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	
48	61225GT	RELAY,12VDC,70AMP,SEALED	1
49	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
50	6146GT	WASHER,FLAT,MS,#10,Y	
51	6178GT	NUT, NYLOCK, 10-32	
52	147243GT	DIPSTICK, OIL, D2011	1
52A	139596GT	SERVICE KIT,DEUTZ DIPSTICK,Z45 over-engine dipstick accessory kit	
52A-	139595GT	DIPSTICK,INDICATOR,DEUTZ,Z45 for use only after installation of 139596	

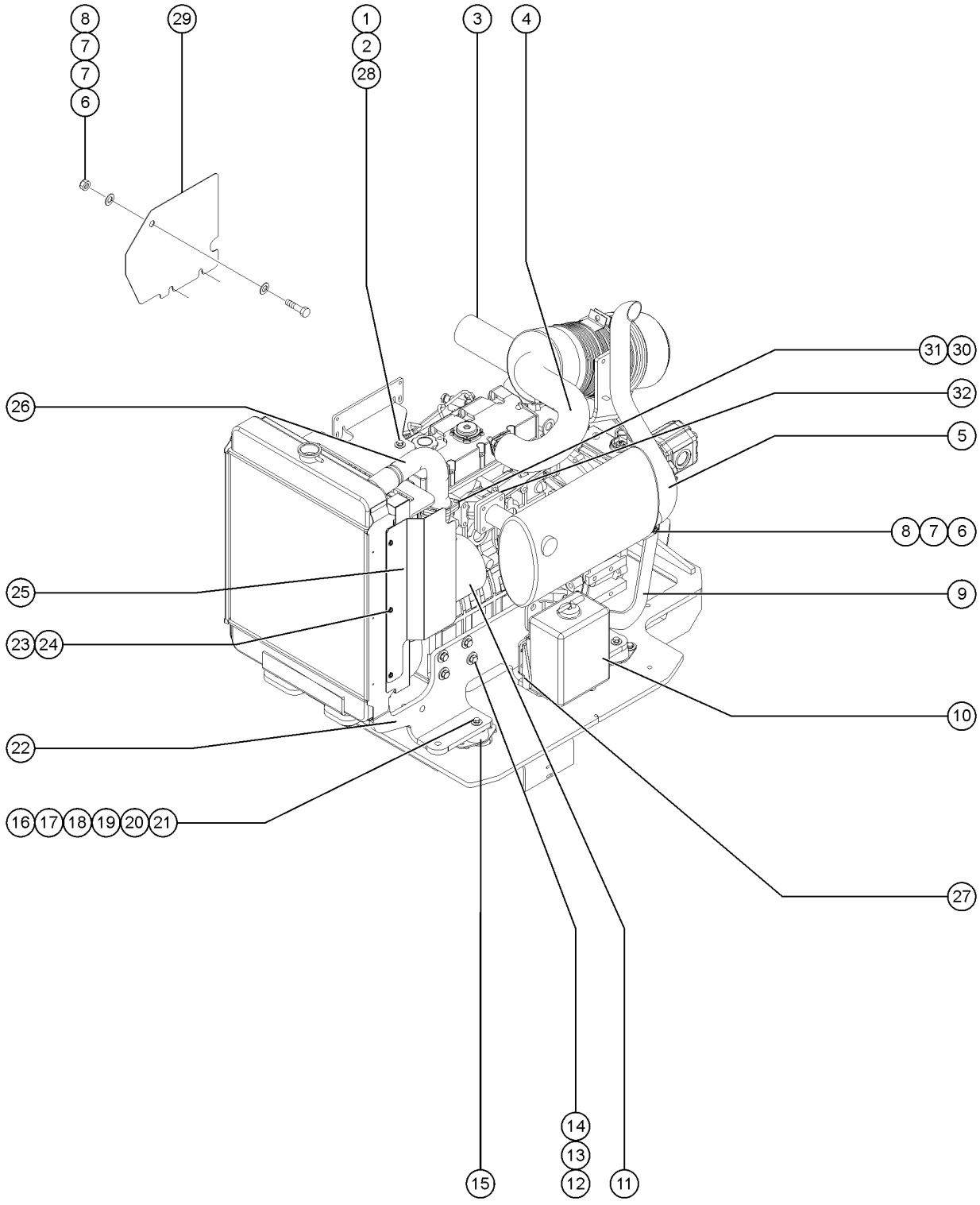
403.1 Perkins 404-22 Engine - View 1



403.1 Perkins 404-22 Engine - View 1

Item	Part No.	Description	Qty.
A-	128831GT	ENGINE,PERKINS,DIESEL 404D-22 from SN 38093	
B-	1262585GT	STARTER MOTOR,PERKINS 404D	
C-	111028GT	SWITCH,WATER TEMP,PRKNS,404***	
D-	85155GT	PUMP,PRIMER,PERKINS***	
E-	72348GT	PUMP,LIFT(FUEL) PERKINS(54555) replaced 128989	1
F-	147348GT	SEAL-VALVE SYSTEM (A) (for 70253 engine)	
G-	147350GT	GASKET-CYLINDER HEAD (for 70253 engine)	
H-	147351GT	SEAL-ROCKER BOX (for 70253 engine)	
I-	147352GT	SEAL-INJECTOR (for 70253 engine)	
J-	147353GT	SEAL-INJECTOR (for 70253 engine)	
K-	147355GT	GASKET-THERMOSTAT HSG (for 70253 engine)	
1	23057GT	SCREW,HHC,M8 X 20MM	
2	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
3	34162-800GT	HOSE,AIR INTAKE 2.5 ID 8.00LG	1
4	94927GT	HOSE,AIR INTAKE,PERKINS***	1
5	54543GT	MUFFLER,PERKINS 404-22DSL	1
5-	110399GT	MUFFLER,SCRUBBER,PERK 404-22DS	
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
7	6097GT	WASHER, FLAT, USS, 3/8", Y	
8	4828GT	NUT, NYLOCK, 3/8-16	
9	94914PGT	BRACKET,PERKINS MUFFLER PAINTD	1
10	70367GT	BOTTLE,COOLANT RECOVERY,3.7***	1
10-	115431GT	CAP ASSY, COOLANT BOTTLE	
11	111029GT	ALTERNATOR,65 AMP,PERKINS 404	1
12	54687GT	SCREW,HHC,M14 X 1.5X40MM,GR8.8	
13	37505GT	WASHER,LOCK,M14	
14	49411GT	WASHER,FLAT,M14	
15	70452GT	ISOLATOR,ENGINE VIBRATION	4

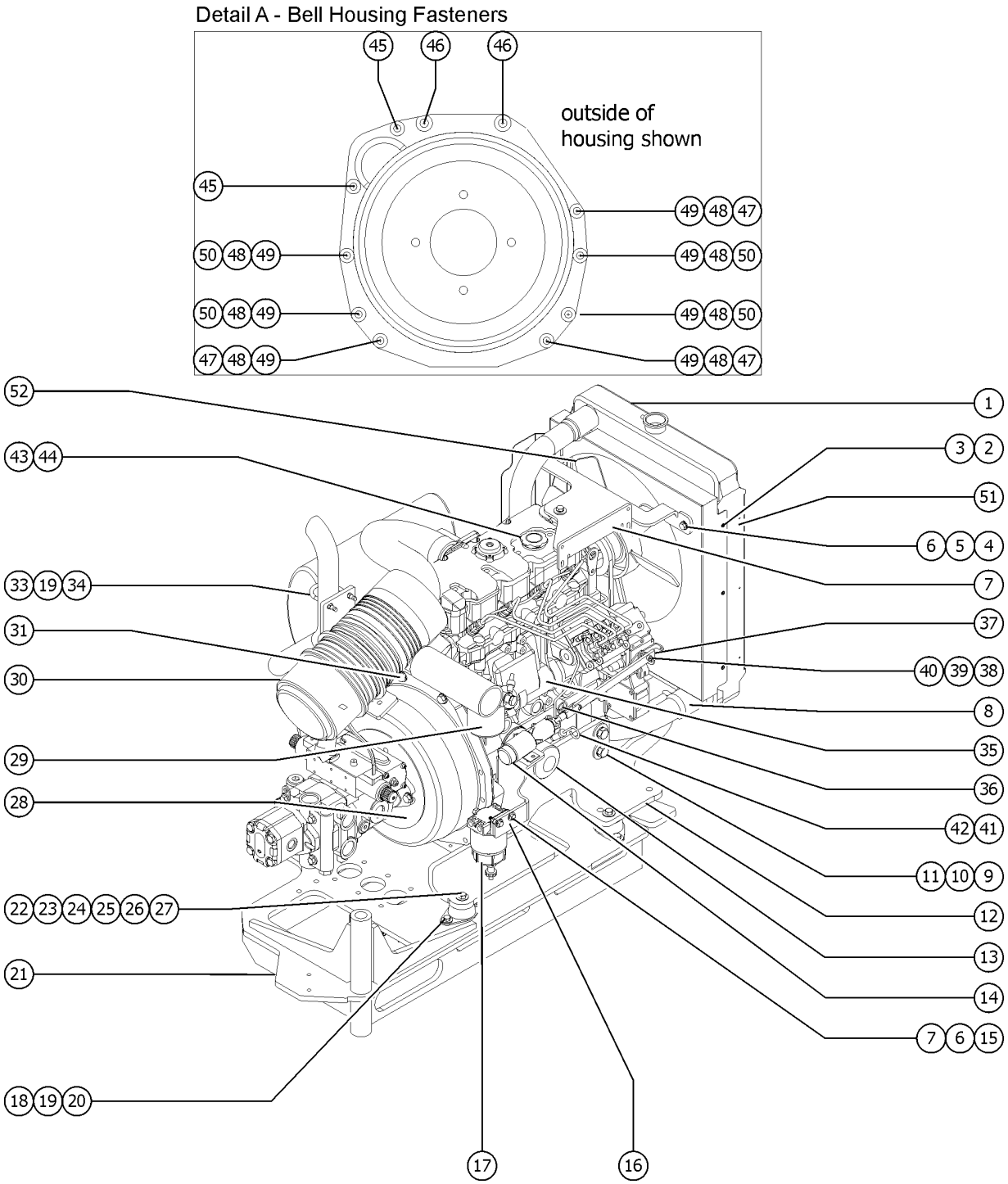
403.1 Perkins 404-22 Engine - View 1



403.1 Perkins 404-22 Engine - View 1

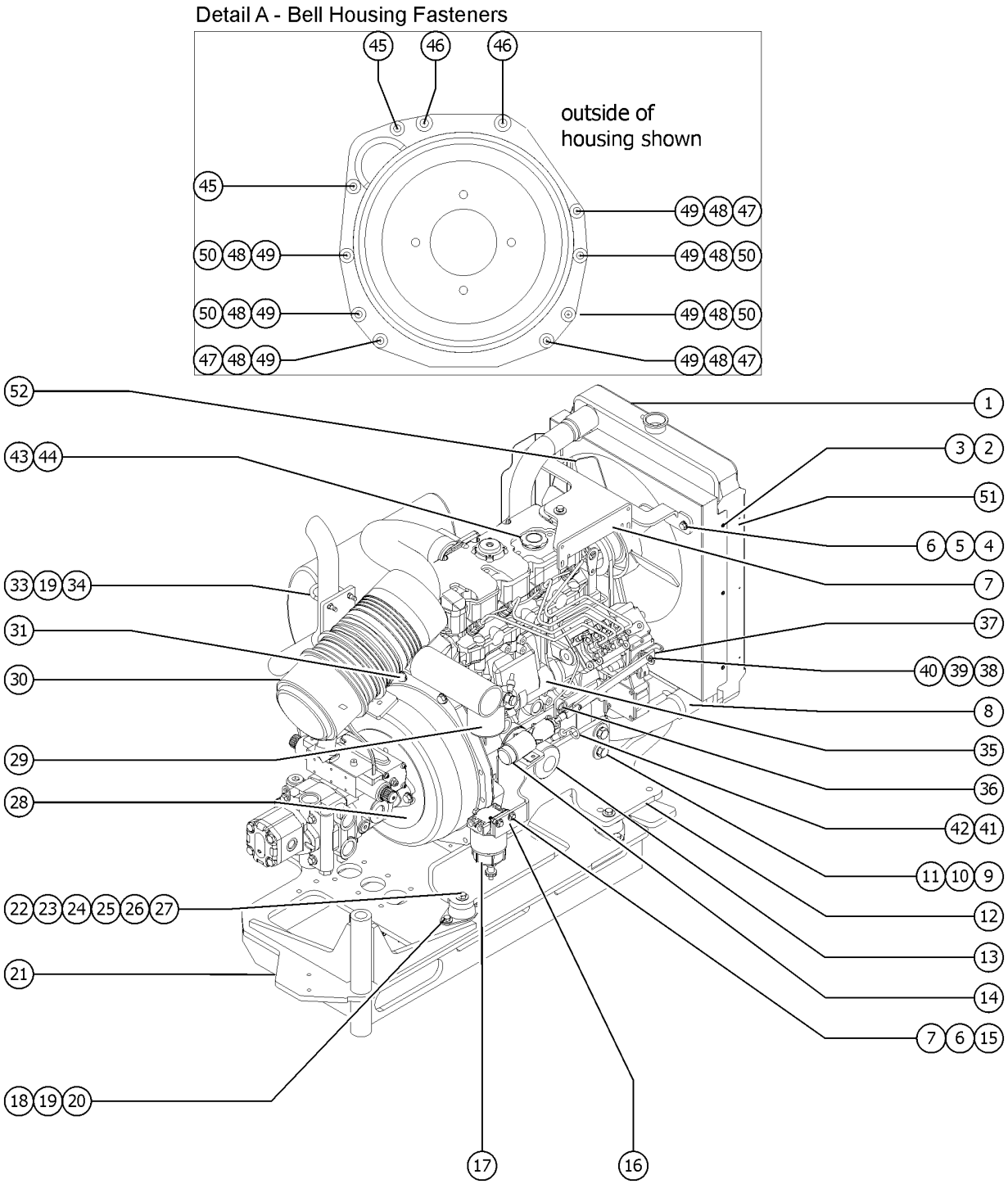
Item	Part No.	Description	Qty.
16	8357GT	SCREW, HHC, 1/2-13 X 3.5	
17	6095GT	WASHER,FLAT,USS,1/2",Y	
18	101730GT	SPACER,ENGINE MOUNT	4
19	101729GT	WASHER,VIBRATION ISOLATING	4
20	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	
21	6198GT	NUT, NYLOCK, 1/2-13	
22	88987PGT	FORMING,ENGINE MOUNT,LH PAINTE	1
23	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
24	6146GT	WASHER,FLAT,MS,#10,Y	
25	101773PGT	GUARD,FAN,PERKINS PAINTED	1
26	54578GT	HOSE,UPPER RADIATOR,PERKINS	1
26	13014GT	CLAMP,HOSE,2.25" DIA.	1
27	101041PGT	BRACKET,COOLANT TANK MOUNT PNT	1
28	60585GT	ISOLATOR,VIBRATION,M8 MALE/FEM	1
29	128313GT	PLATE, COVER, BULKHEAD, Z45/51 to SN Z452508A-36014 (plate mounts onto chassis)	1
30	77476GT	HOUSING,THERMOSTAT,PERKINS 104 404C-22; to SN Z452508A-38092	1
30-	128986GT	WATER OUTLET, VERTICAL 404D-22; from SN Z452508A-38093	
31	77478GT	THERMOSTAT (PERKINS 104-22) 404C-22; to SN Z452508A-38092	1
31-	128991GT	THERMOSTAT 404D-22; from SN Z452508A-38093	
31-	147355GT	GASKET-THERMOSTAT HSG for 128991, Engine block Thermostat	
31-	77477GT	GASKET,THERMOSTAT HSG Vertical Thermostat	
32	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	1

404.1 Perkins 404-22 Engine - View 2



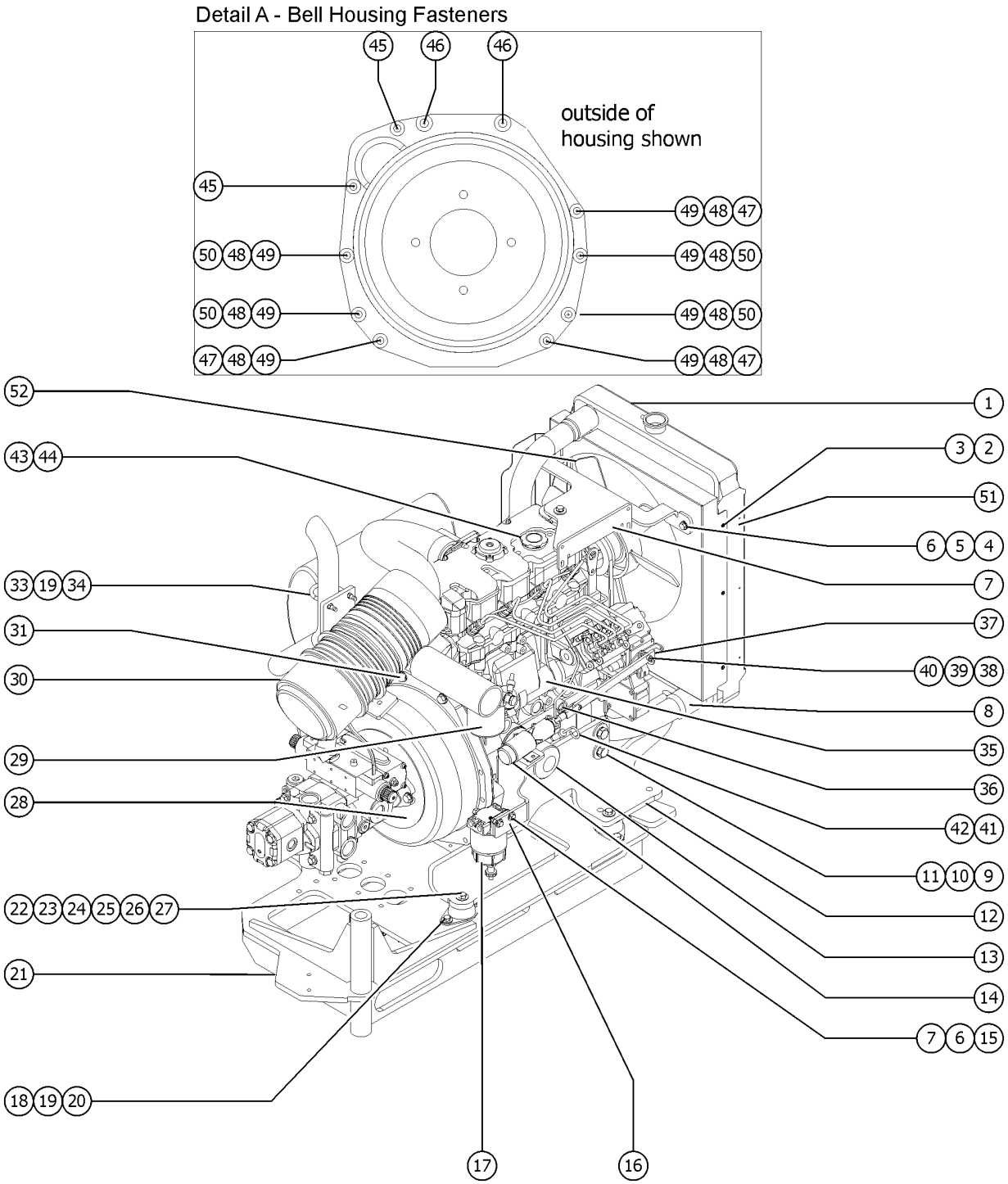
Item	Part No.	Description	Qty.
1A	110304GT	RADIATOR,FORD/PERKINS***	1
1B	24038GT	SHOCK MOUNT,SMALL	
1C	65473GT	CAP,RADIATOR,PERKINS/FORD	
1D	111028GT	SWITCH,WATER TEMP,PRKNS,404***	
1E	89763GT	PUMP WATER (PERKINS 404)*** 404C-22; to SN Z452508A-38092	
1E	128987GT	WATER PUMP 404D-22; from SN Z452508A-38093	
1E	58354GT	GASKET,WATER PUMP for 89763, 128987	
1E	77482GT	PULLEY, WATER PUMP	
1E	89765GT	BELT, V (PERKINS 404)	
1E	1252943GT	SPACER,FAN,PERKINS 404F	
2	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
3	6146GT	WASHER,FLAT,MS,#10,Y	
4	6888GT	SCREW, HHC, 1/4-20 X 1	
5	6638GT	WASHER, FLAT, USS, 1/4"Y	
6	6091GT	NUT,NYLOCK,1/4-20	
7	88989PGT	FORMING,UPPER RAD SUPPORT PNTD	1
8	54579GT	HOSE,LOWER,RADIATOR,PERKINS	1
8-	13014GT	CLAMP,HOSE,2.25" DIA.	
9	54687GT	SCREW,HHC,M14 X 1.5X40MM,GR8.8	
10	37505GT	WASHER,LOCK,M14	
11	49411GT	WASHER,FLAT,M14	
12	88988PGT	FORMING,ENGINE MOUNT RH PAINTE	1
13	94762GT	OIL FILTER - PERKINS	1
14	77402GT	SOLENOID,THROTTLE ACTUATOR DSL	1
15	8915GT	SCREW, HHC, 1/4-20 X 1.25	
16	94378PGT	FORMING,SOLENOID MOUNT PAINTED to SN Z452508A-38092	1
16-	128588GT	FORMING,SOLENOID MOUNT from SN Z452508A-38093	
17	75020GT	SEPRTR/FLTR,FUEL DSL,15GPH,.30	1

404.1 Perkins 404-22 Engine - View 2



Item	Part No.	Description	Qty.
17-	62433GT	FILTER,ELEMENT,30 MIC,75020	
18	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
19	5397GT	WASHER, FLAT, USS, 5/16-18	
20	4828GT	NUT, NYLOCK, 3/8-16	
21		ASSEMBLY, ENGINE TRAY refer to section 411.1	1
22	8357GT	SCREW, HHC, 1/2-13 X 3.5	
23	6095GT	WASHER,FLAT,USS,1/2",Y	
24	101730GT	SPACER,ENGINE MOUNT	2
25	101729GT	WASHER,VIBRATION ISOLATING	2
26	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	
27	6198GT	NUT, NYLOCK, 1/2-13	
28A	128022GT	KIT,FBA STYLE COUPLER,PERKINS includes 15-tooth coupler (128003), fastener kit (1263209) and grease	1
28A-	29749GT	COUPLER,SMALL METAL,15T,***	1
28A-	89771GT	HOUSING,PUMP MOUNT (54573)	1
28A-	89772GT	FLEX PLATE (54573)***	1
28B	89773GT	KIT, HARDWARE (54573)	1
28C	128022GT	KIT,FBA STYLE COUPLER,PERKINS includes 15-tooth coupler (128003), fastener kit (1263209) and grease	
29	1262484GT	FUEL FILTER ASSY,PERKINS 404D/	1
29-	62421GT	FILTER,FUEL,PERKINS	
30	63463GT	AIR CLEANER,NELSON*** plastic housing	1
30-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
30-	62420GT	FILTER, AIR D2.9L4	
30-	65810GT	BAFFLE, AIR CLEANER (27915)**	
30-	52866GT	EVACUATOR VALVE-AIR CLEANER	
30-	53952GT	BRKT,AIR CLEANER ORIENTATION**	
30-	88846GT	HOSE,AIR INLET	
30-	88847GT	HOSE,AIR CLEANER TO INTAKE	
31		Refer to Detail A	

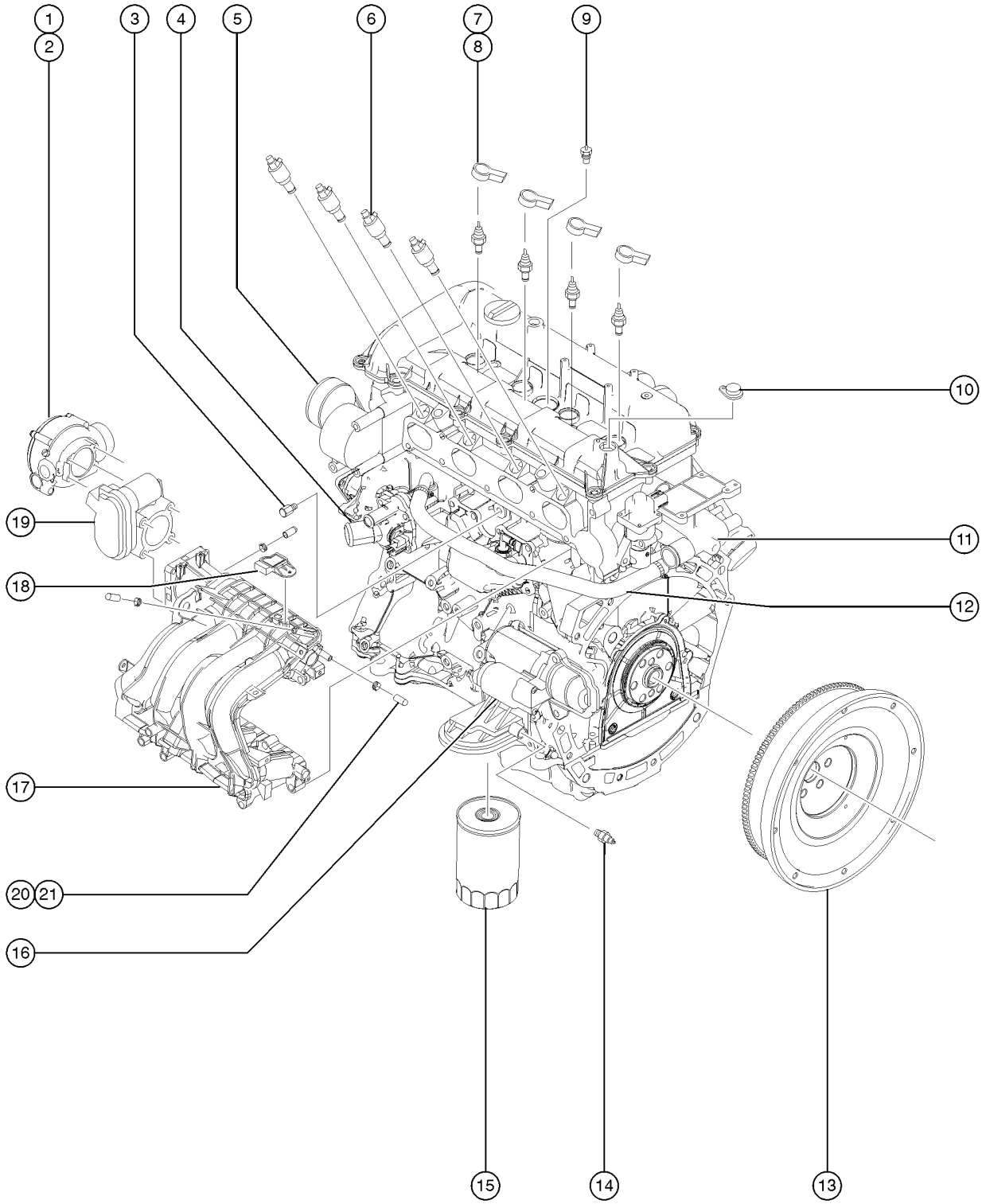
404.1 Perkins 404-22 Engine - View 2



404.1 Perkins 404-22 Engine - View 2

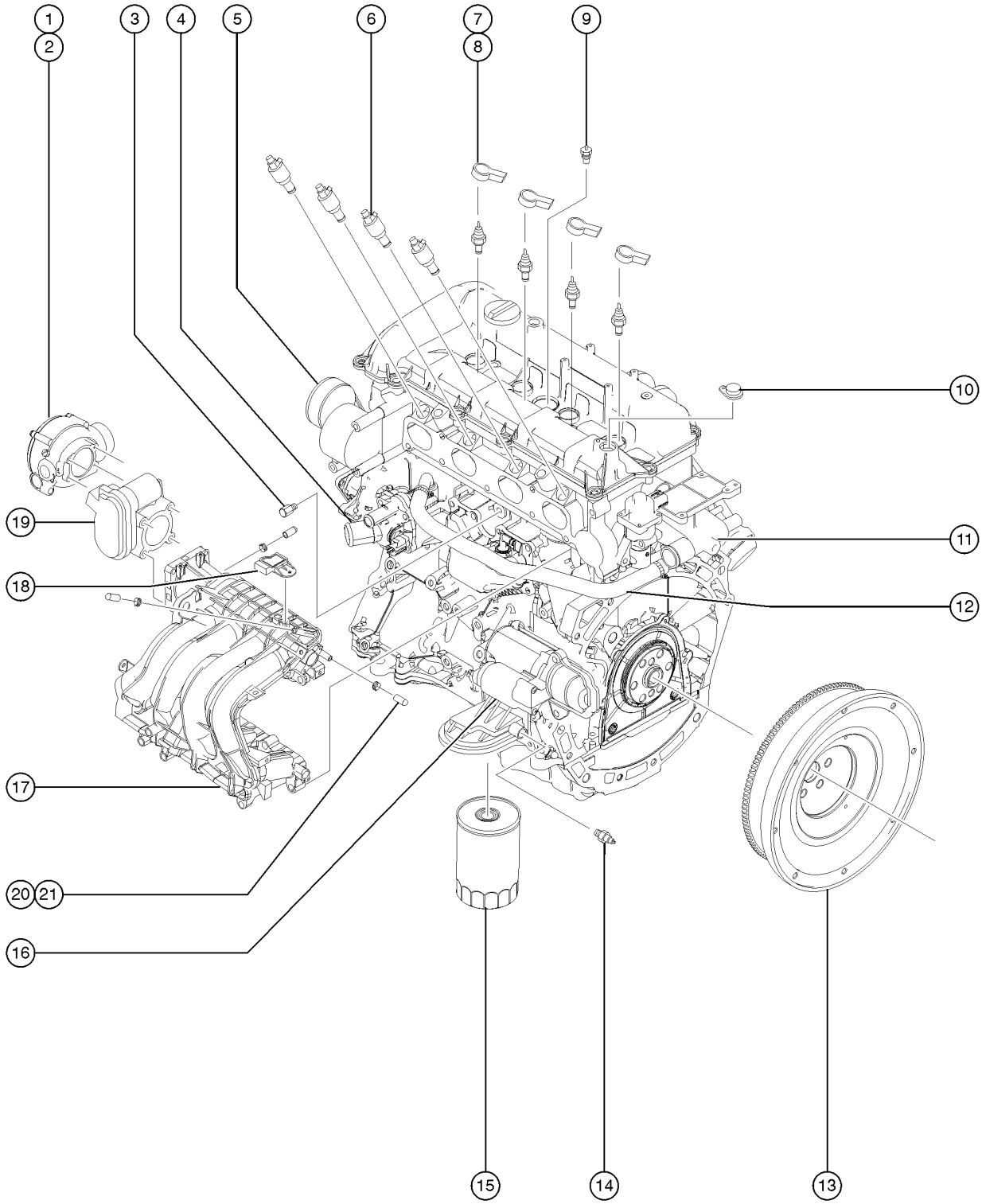
Item	Part No.	Description	Qty.
33	80391GT	U-BOLT,5/16 -18 X 2IN**	
34	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
35	236426GT	SOLENOID KIT,SHUT DN,PERKINS	1
36A	111027GT	SWITCH,OIL PRESS-PERKINS 404 to SN 38092	
36B	1262469GT	OIL PRESSURE SWITCH,PERKINS 404D-22T	
37	89953GT	FLATBAR,ALUM,THROTTLE LINKAGE	1
38	119866GT	SCREW,SHS,M6X12MM,8MM	
39	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
40	49364GT	NUT,NYLOCK,M6X1.00	
41	89759GT	DIPSTICK, OIL (PERKINS 404) 404C-22; to SN Z452508A-38092	1
41-	128984GT	DIPSTICK, STRAIGHT SHORT 404D-22; from SN Z452508A-38093	1
42	97461GT	DIPSTICK TUBE,PERKINS(403C-11) 404C-22; to SN Z452508A-38092	1
42-	128985GT	DIPSTICK TUBE, STRAIGHT SH 404D-22; from SN Z452508A-38093	1
43	65636GT	CAP, OIL FILLER	1
44	65638GT	SEAL, OIL FILLER CAP	1
45	128061GT	SCREW, HHC, M10 X 1.5 X 50	2
46	60868GT	SCREW,HHC,M12 X 45	2
47	85059GT	SCREW,HHC,M10 X 1.5 X 35	3
48	22699GT	WASHER, FLAT, M10, ZINC PLTD.	7
49	22736GT	NUT,NYLOCK,M10X1.50	7
50	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8	4
51	88990PGT	SHROUD,FAN PAINTED	1
52	77483GT	FAN, ENGINE (104-22)(404-22)*	1
52-	94886GT	FAN SPACER	

405.1 Ford DSG-423 Engine - View 1



Item	Part No.	Description	Qty.
	119472GT	HARNESS,ENGINE FORD DSG-423	
	128165GT	RELAY,PWR/FUEL,FORD DSG423	
	128166GT	RELAY,STARTER,FORD DSG/MSG	
1	119135GT	MIXER,LPG,DSG-423	1
1-	119500GT	GASKET,MIXER, FORD DSG423	
1-	119547GT	O-RING,MIXER,SMOOTHED,DSG-423	
1-	119548GT	O-RING,MIXER,RIBBED,DSG-423	
2	119142GT	ADAPTER,MIXER/THROTTLE BODY	1
2-	119466GT	GASKET,ACTUATOR PLATE	
3	119498GT	SENSOR,KNOCK DSG-423 FORD	1
4	119551GT	THERMOSTAT,FORD DSG423	1
5	119475GT	MAP SENSOR, DSG-423	1
5-	119965GT	COVER,DUST,IDLER,FORD DSG423	
6	119479GT	FUEL INJECTOR FORD DSG423,YL yellow injector	4
6	233365GT	FUEL INJECTOR FORD DSG423, BK black injector	
7	119478GT	COIL ASSEMBLY	4
7-	119962GT	GROMMET,COIL,FORD DSG423	
7-	119961GT	SCREW,GROMET-COIL,FORD DSG423	
8	119495GT	SPARK PLUG, FORD DSG-423	4
9	234005GT	SENSOR KIT, TEMPERATURE Required for first time replacement of older temperature sensor part 119480 (kit includes sensor part 233437 and wire harness part 234006); to SN 39564	1
9-	233437GT	SENSOR, FORD TEMPERATURE from SN 39565	
9-	234006GT	WIRE HARNESS, SENSOR, TEMP from SN 39565	
10	119497GT	SENSOR,CAM POSITION DSG-423	1
11A	214803GT	KIT, DSG423 COOLANT OUTLET for SN to 43943; Required for first time replacement of older adapter and hose (kit includes water outlet 214796 and hose 214798)	1
11B	214796GT	WATER OUTLET, FORD DSG423 from SN 43944	
12A	214803GT	KIT, DSG423 COOLANT OUTLET for SN to 43943; Required for first time replacement of older adapter and hose (kit includes water outlet 214796 and hose 214798)	1

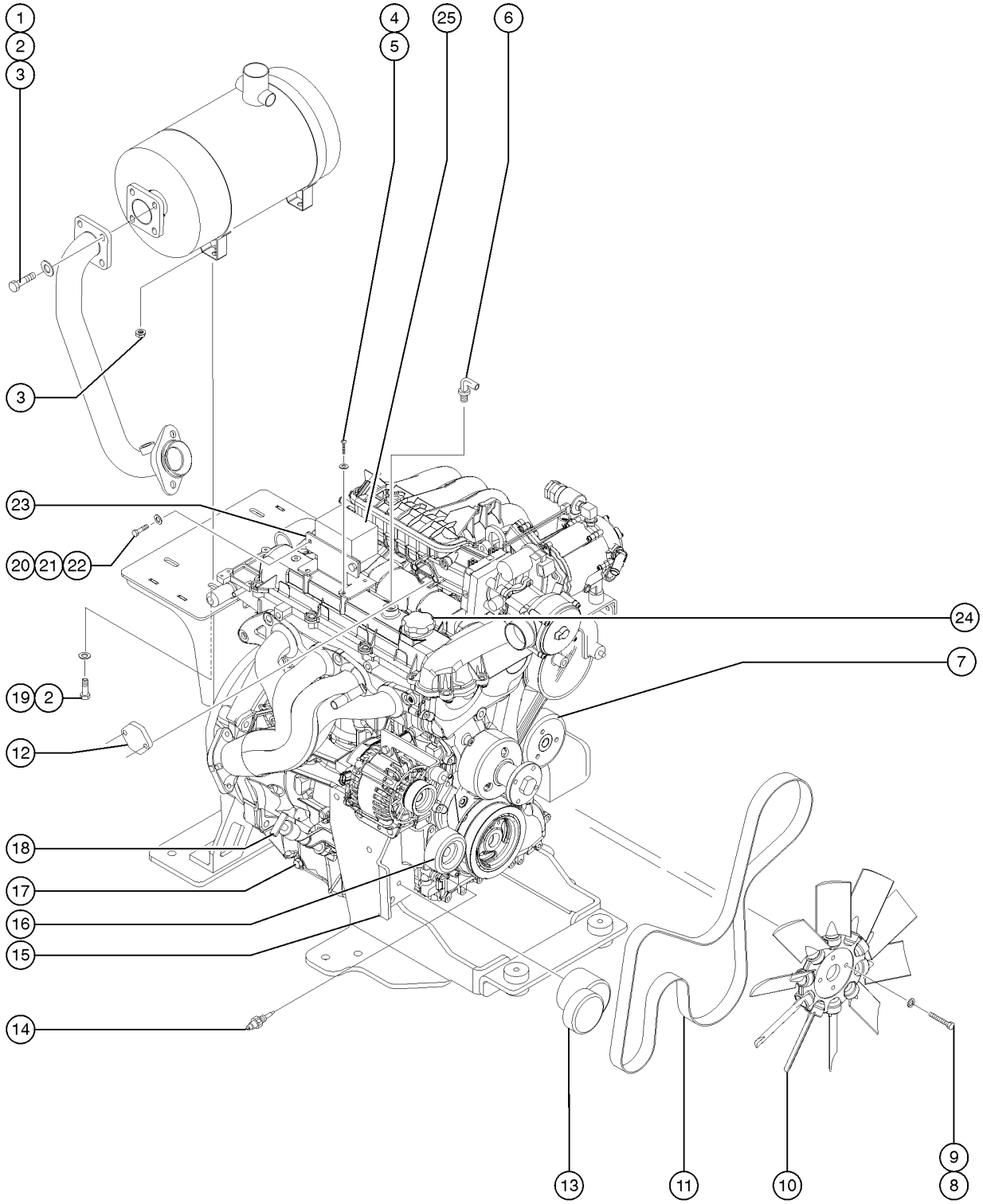
405.1 Ford DSG-423 Engine - View 1



405.1 Ford DSG-423 Engine - View 1

Item	Part No.	Description	Qty.
12B-	214798GT	HOSE, COOLANT BYPASS, DSG423 from SN 43944	
13	119465GT	FLYWHEEL ASSEMBLY,DSG-423 FORD	1
14	119481GT	SWITCH,OIL PRESSURE	1
15	119139GT	OIL FILTER,DSG-423	1
16	1300882GT	STARTER,DSG-423 (FORTRESS)	1
16-	119963GT	PLUG,DUST,STARTER,FORD DSG423	
16-		Ref. Harness,Ford Starter (refer to 308.1) Ford Models (from serial number 39705)	
17		MANIFOLD,INTAKE FORD DSG-423 no longer available	1
17-	58390GT	GASKET,INTAKE FORD DSG-423	4
17-	147016GT	CAP,EPDM,5/16"	2
18	119475GT	MAP SENSOR, DSG-423	1
19	88451GT	THROTTLE ACTUATOR*(BOSCH)	1
19-	88452GT	GASKET,THROTTLE ACTUATOR***	
20	147016GT	CAP,EPDM,5/16"	3
21	119568GT	CLAMP,SPRING,1/2"	3

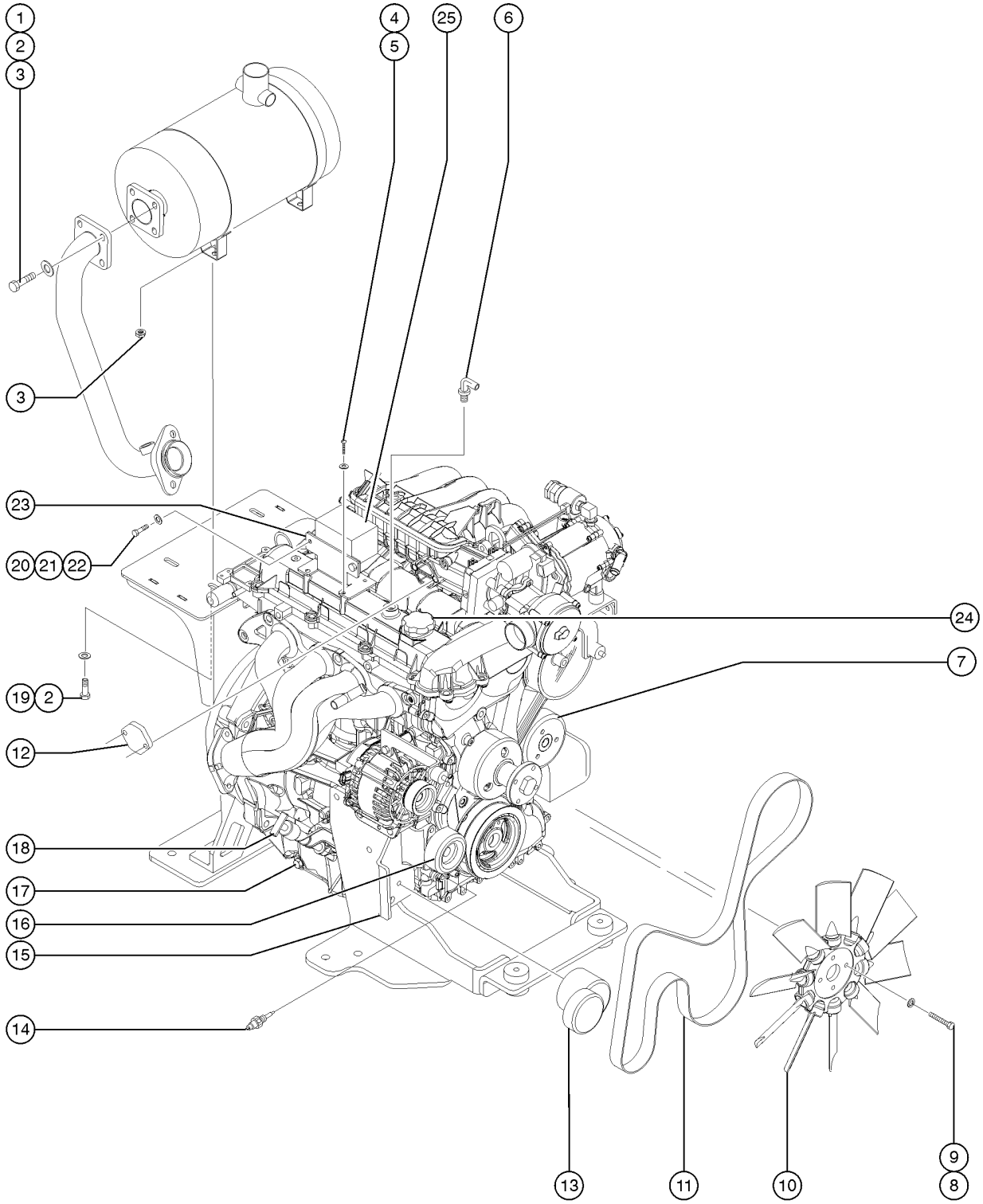
406.1 Ford DSG-423 Engine - View 2



406.1 Ford DSG-423 Engine - View 2

Item	Part No.	Description	Qty.
1	13000GT	SCREW,HHC,5/16-18 X 1.25	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
4	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
5	25926GT	WASHER,FLAT,M6 PLTD.	
6	119474GT	VALVE,PCV FORD DSG-423	1
6-	75631GT	HOSE,AIR 3/8	
7	119468GT	WATER PUMP W/GASKET	1
8	32309GT	SCREW,HHC,M8 X 60MM X 1.25	
9	49408GT	WASHER, LOCK, M8	
10	119153GT	FAN (FORD TIER 3)	1
11	119138GT	BELT,SERPENTINE,DSG-423 No longer available,(Replaced by 1316077)	1
11B	1316077GT	KIT, AUTOMATIC BELT TENSIONER, DSG423	1
12	119964GT	PLATE,BLANKING,FORD DSG423	1
13	119469GT	PULLEY AND TENSIONER,DSG423 No longer available,(Replaced by 1316077)	1
13B	1316077GT	KIT, AUTOMATIC BELT TENSIONER, DSG423	1
14	119496GT	SENSOR,CRANK POSITION DSG-423	1
15	119471GT	BRACKET,TENSIONER No longer available,(Replaced by 1316077)	1
15B	1316077GT	KIT, AUTOMATIC BELT TENSIONER, DSG423	1
16	119544GT	LOWER IDLER FORD DSG-423 No longer available,(Replaced by 1316077)	1
16B	1316077GT	KIT, AUTOMATIC BELT TENSIONER, DSG423	1
17	119588GT	OIL DRAIN PLUG,FORD DSG423	1
18	119473GT	DIPSTICK, FORD DSG 423	1
18A	139557GT	SERVICE KIT, FORD DIPSTICK,Z45 wrap-around dipstick accessory kit	
18A-	139556GT	DIPSTICK, INDICATOR, FORD,Z45 for use only after installation of 139557	
19	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
20	6090GT	SCREW, HHC, 1/4-20 X .75	
21	6638GT	WASHER, FLAT, USS, 1/4"Y	

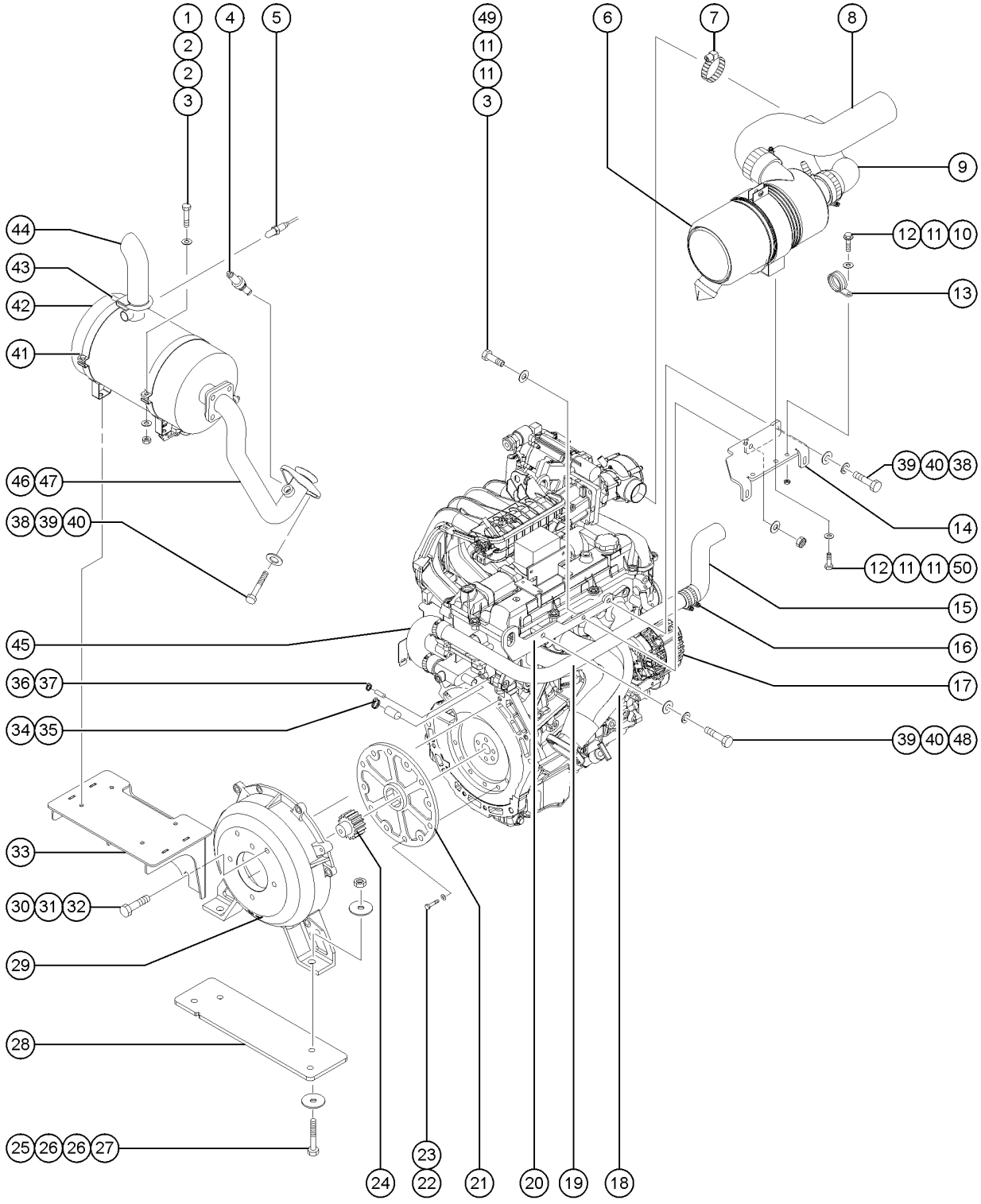
406.1 Ford DSG-423 Engine - View 2



406.1 Ford DSG-423 Engine - View 2

Item	Part No.	Description	Qty.
22	6091GT	NUT,NYLOCK,1/4-20	
23	110768GT	BRACKET,RELAY BLOCK MOUNT	1
24	58632GT	CAP,OIL FILLER,FORD DSG 423	1
25A	237856GT	FUSE BOX COVER decal not included	
25B	237857GT	FUSE BOX RELAY STICKER (not shown) not included with 237856, order seperately	
25C	237858GT	FUSE BOX MOUNTING,LEFT (not shown) not included with 237856, order seperately	
25D	237859GT	FUSE BOX MOUNTING,RIGHT (not shown) not included with 237856, order seperately	

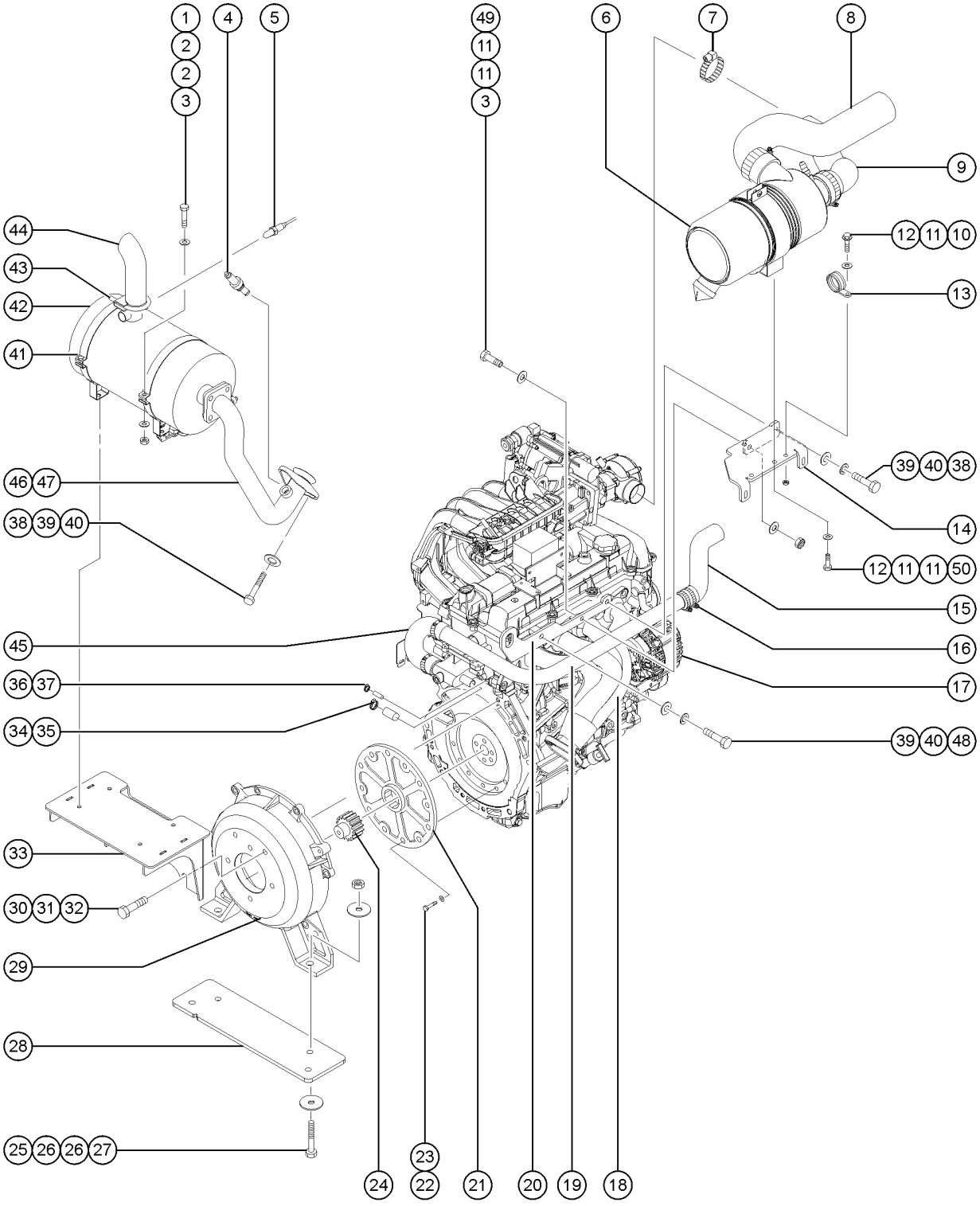
407.1 Ford DSG-423 Engine - View 3



407.1 Ford DSG-423 Engine - View 3

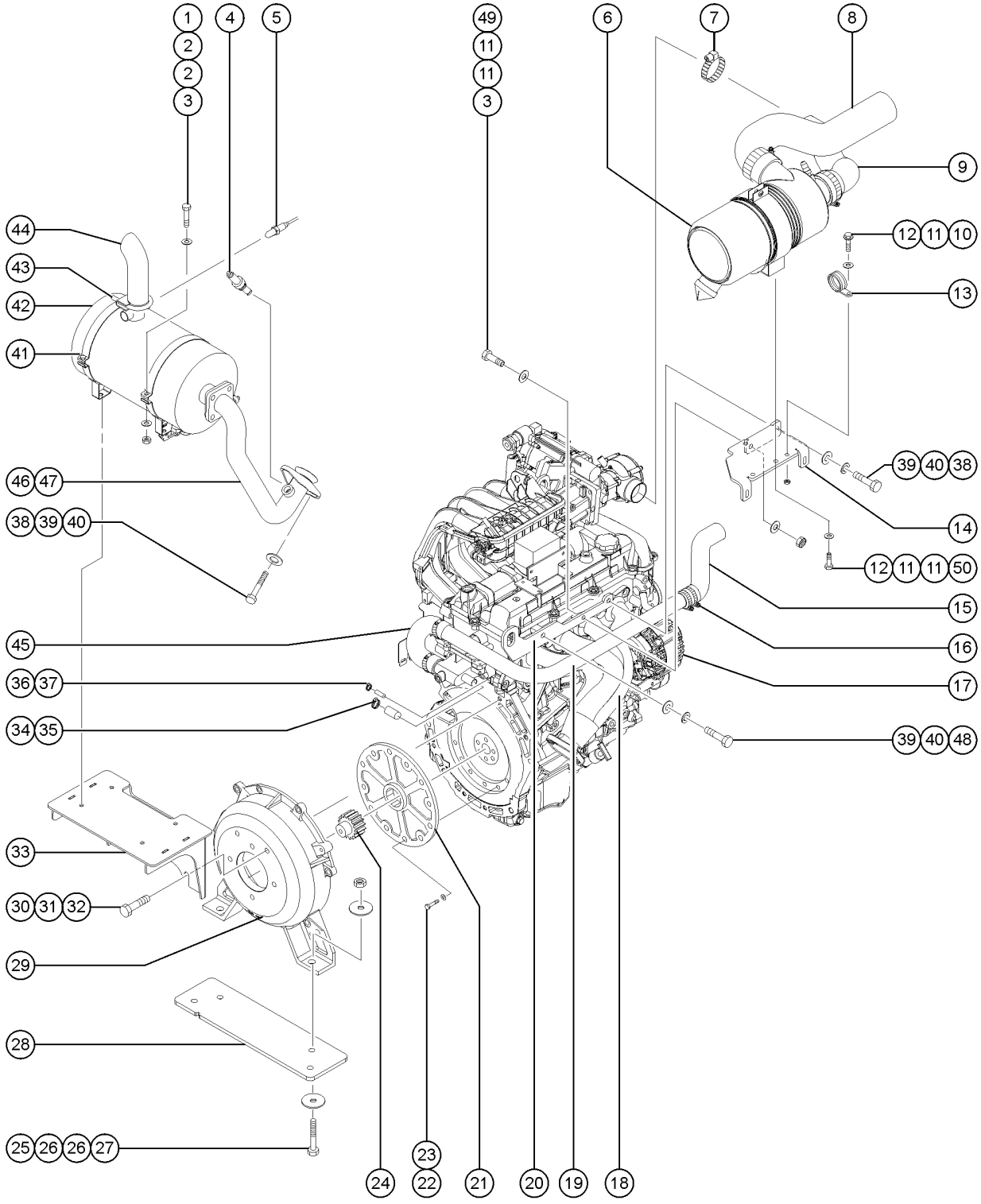
Item	Part No.	Description	Qty.
1	14033GT	SCREW, HHC, 3/8-16 X 2.75	
2	22692GT	WASHER,WAVE SPRG,1X.635X.015	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	88450GT	SENSOR,OXYGEN LRG425EFI	1
5	139610GT	SENSOR,AIR,CAT MONITOR	1
6	111634GT	AIR CLEANER,FORD,T3	1
6-	227988GT	VACUATOR VALVE	
6-	77295GT	FILTER ELEMENT,AIR,NOLFF LPG	
6-	53952GT	BRKT,AIR CLEANER ORIENTATION** sold separately	
6-	58247GT	AIR CLEANER CAP/ FORD/NOLFF***	
6-	1277991GT	CLIP,AIR CLEANER COVER (58247) for 58247	
6-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
7	45435GT	CLAMP,HOSE,2.50"	2
8	110421GT	HOSE,AIR INTAKE	1
8-	45435GT	CLAMP,HOSE,2.50"	
9	110422GT	HOSE,AIR,MIXER	1
10	13000GT	SCREW,HHC,5/16-18 X 1.25	
11	5397GT	WASHER, FLAT, USS, 5/16-18	
12	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
13	119394GT	CLAMP,1.38,#212X3/8,RUB CUSH	3
14	111614GT	FORMING,AIR CLEANER MOUNT	1
15	110758GT	HOSE,UPPER RADIATOR	1
16	119053GT	CLAMP,HOSE,1.50	2
17	1300536GT	ALTERNATOR,DSG-423,BOSCH	1
18	119463GT	MANIFOLD,EXHAUST TURBO	1
19	112285GT	PIPE,COOLANT RETURN,FORD 2.3L	1
20	110777GT	PLATE,REAR LIFTING EYE	1
21	89813GT	FLEX PLATE,COUPLER (64079)	1

407.1 Ford DSG-423 Engine - View 3



Item	Part No.	Description	Qty.
21-	128021GT	KIT,FBA STYLE COUPLER,FORD replaces flex plate and coupler	
22	55014GT	SCREW,SHC,M8 X 1.25 X 25	
23	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
24	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
25	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
26	6095GT	WASHER,FLAT,USS,1/2",Y	
27	6198GT	NUT, NYLOCK, 1/2-13	
28	119223GT	PLATE,REAR ENGINE SUPPORT	1
29	110405GT	BELL HOUSING KIT,FORD DSG423 includes items 27 and 30	1
29-	119052GT	PUMP MOUNT,FORD DSG423	
29-	111748GT	SCREW,SHC,M10X1.5 X 60 GR8.8	2
30	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
31	13066GT	WASHER,FLAT,.5 HARDENED	
32	6033GT	WASHER,LOCK,0.5"	
33	110480GT	WELDMENT,CAT MOUNT	1
34	119484GT	CAP,COOLANT 3/4	1
35	46131GT	CLAMP,HOSE,.63" - 1.0" X .5"	1
36	147016GT	CAP,EPDM,5/16"	1
37	147015GT	CLAMP,SPRING,7/16"	1
38	25548GT	SCREW,HHC,M10 X 40MM,GRD8	
39	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
40	22700GT	WASHER,LOCK,M10	
41	119051GT	MOUNTING BAND,MUFFLER,8.0"	2
42	111666GT	WELDMENT,MUFFLER,DSG423	1
43	102121GT	CLAMP,MUFFLER,1-7/8 IN.	3
44	128020GT	TAILPIPE,Z45,FORD DSG423	1
45	110424GT	HOSE,RETURN,ENGINE	1
46	110407GT	WELDMENT,HEADER PIPE	1

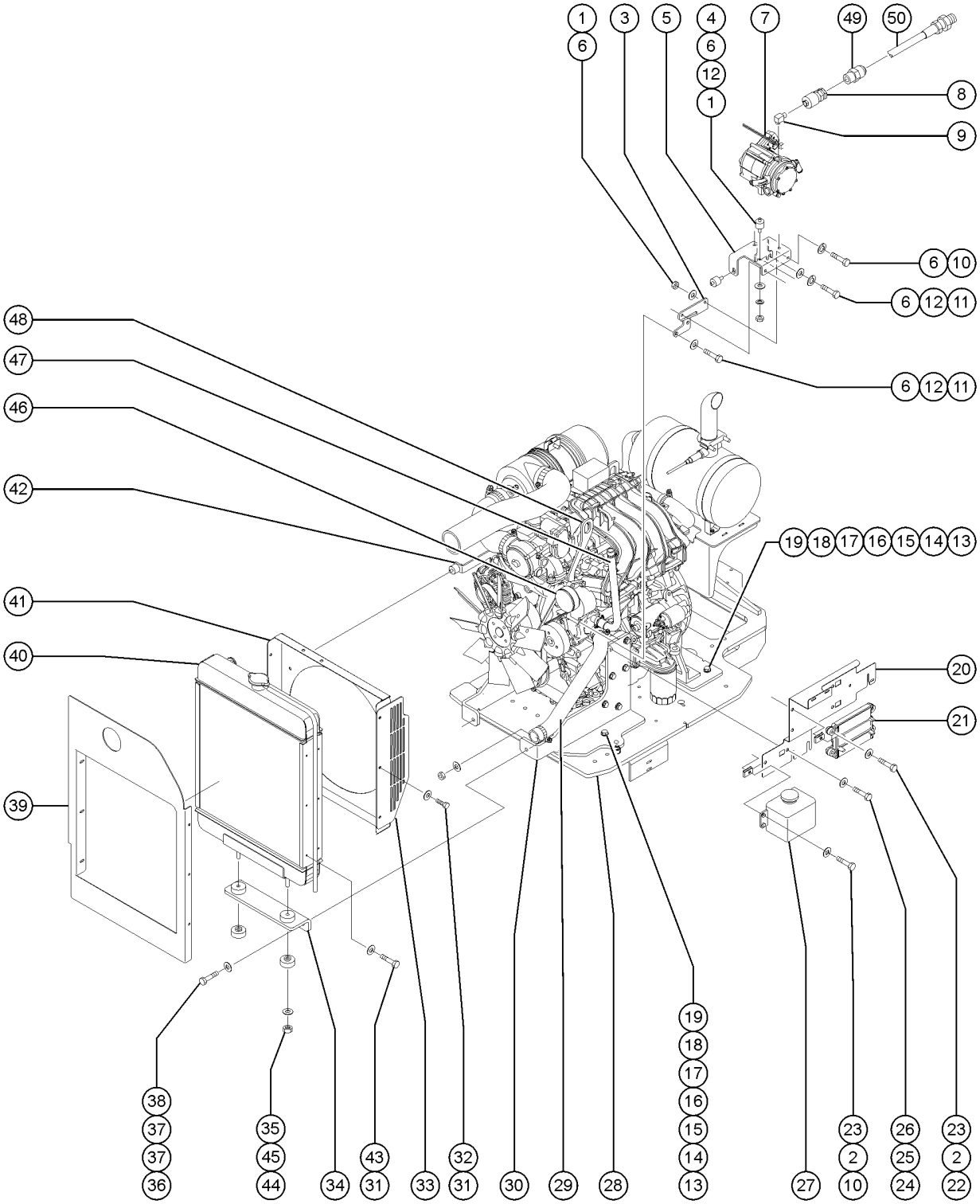
407.1 Ford DSG-423 Engine - View 3



407.1 Ford DSG-423 Engine - View 3

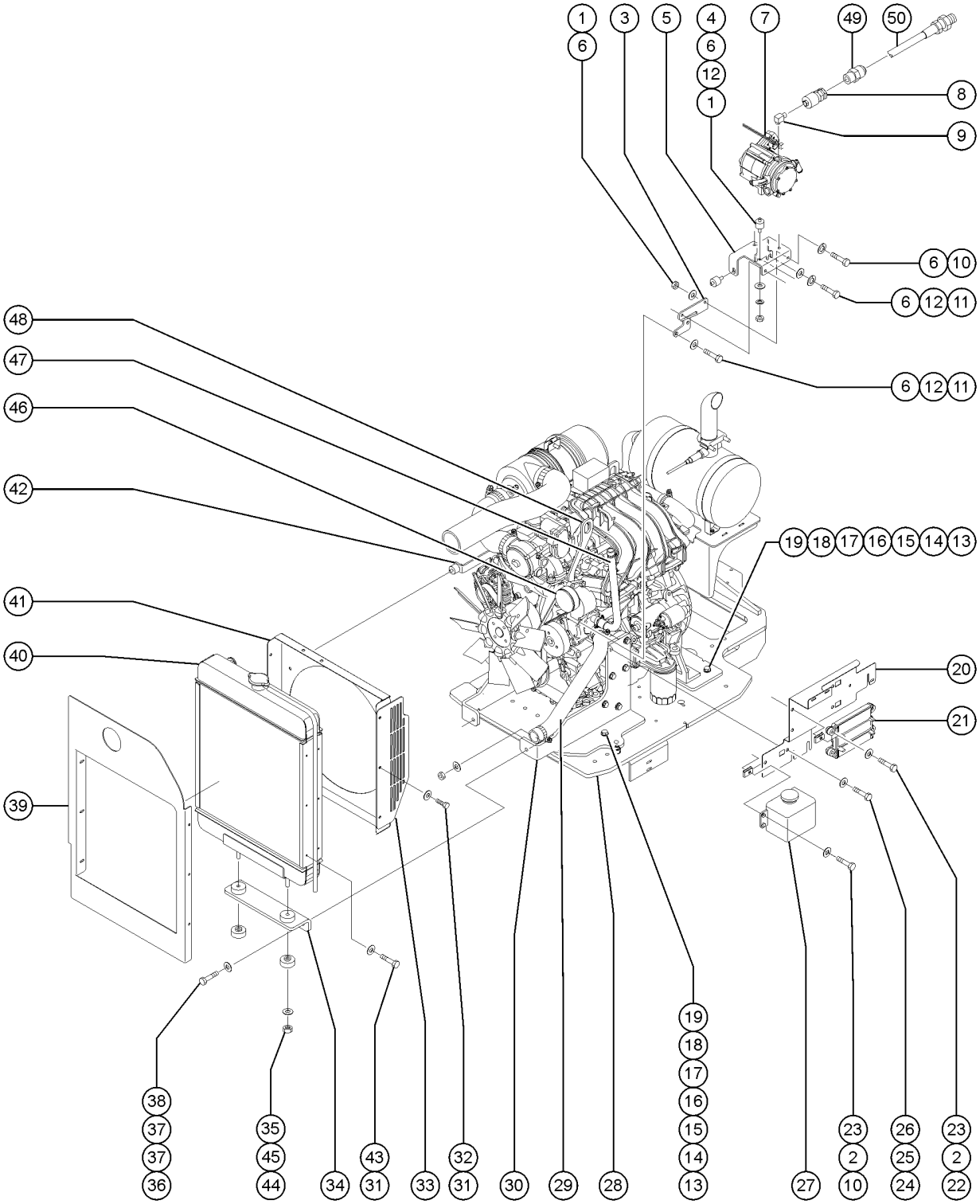
Item	Part No.	Description	Qty.
47	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	1
48	44064GT	SCREW,HHC,M10 X 30MM,	
49	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
50	13002GT	SCREW,HHC,5/16-18 X 1 GR5	

408.1 Ford DSG-423 Engine - View 4



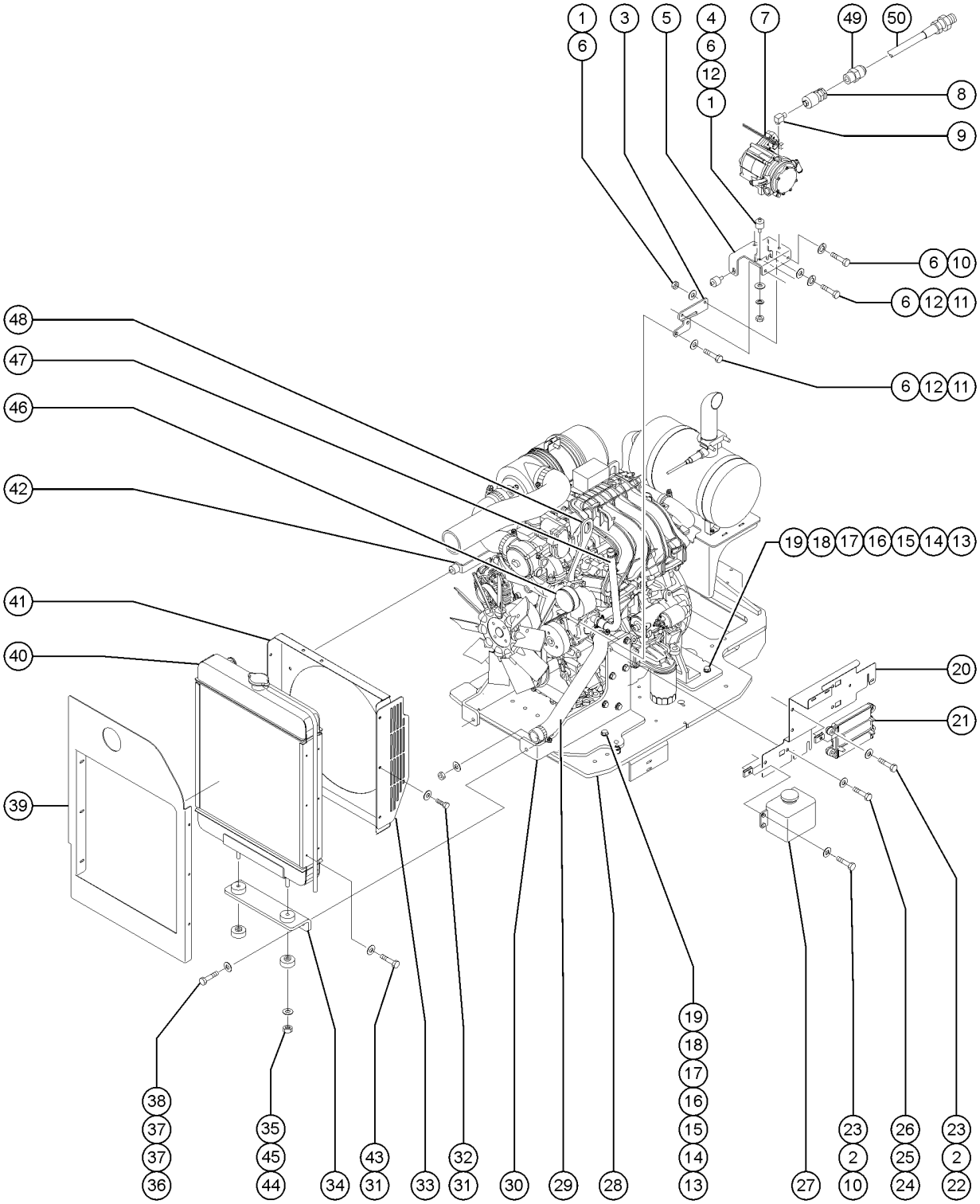
Item	Part No.	Description	Qty.
1	25368GT	NUT,NYLOCK,M8X1.25	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	110892PGT	BRACKET,REGULATOR SUPPORT,PNTD	1
4	110919GT	ISOLATOR,VIBRATION,M8 M/M	4
5	110890PGT	FORMING,REGULATOR MOUNT,PTD	1
6	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
7	119826GT	REGULATOR,LPG,DSG-423	1
7-	119546GT	KIT,FITTING,REGULATOR DSG-423	
7A	102119GT	HOSE,3/4,LP from regulator to mixer	8
8	119232GT	LOCKOFF,LP,FORD DSG/MSG	1
9	19363GT	ELBOW,130239-4-4	1
10	75159GT	SCREW,HHC,M8X1.25X 25MM,GR8.8	
11	49386GT	SCREW,HHC,M8 X 40	
12	49408GT	WASHER, LOCK, M8	
13	10598GT	SCREW,HHC,1/2-13 X 3	
14	6095GT	WASHER,FLAT,USS,1/2",Y	
15	70452GT	ISOLATOR,ENGINE VIBRATION	4
16	101730GT	SPACER,ENGINE MOUNT	4
17	101729GT	WASHER,VIBRATION ISOLATING	4
18	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	
19	6198GT	NUT, NYLOCK, 1/2-13	
20	112283GT	FORMING,FORD GCP MOUNT	1
21A	119169GT	CONTROL MODULE,DSG-423 to SN 39639 (models with YELLOW fuel injectors)	1
21B	T112018GT	CONTROL MODULE,DSG-423 from SN 39640 except 39655 (models with BLACK fuel injectors)	
22	6145GT	SCREW, HHC, 1/4-20 X 1.5	
23	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
24	25927GT	SCREW,HHC,3/8-16X1.25,8,ZAG	
25	22700GT	WASHER,LOCK,M10	

408.1 Ford DSG-423 Engine - View 4



Item	Part No.	Description	Qty.
26	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
27	42662GT	COOLANT RECOVERY BOTTLE1.5 QT*	1
27-	72284GT	CAP,COOLANT RECOV.BOTTLE	
28		ASSEMBLY, ENGINE TRAY refer to section 411.1	1
29	110423GT	HOSE,LOWER RADIATOR	1
29-	119053GT	CLAMP,HOSE,1.50	2
30	110416GT	FORMING,LEFT ENGINE SUPPORT	1
30-	110414GT	FORMING,RIGHT ENGINE SUPPORT	
31	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
32	6146GT	WASHER,FLAT,MS,#10,Y	
33	110932GT	PLATE,FAN GUARD	1
34	110417PGT	FORMING,RADIATOR SUPPORT,PNTD	1
35	24038GT	SHOCK MOUNT,SMALL	4
36	8516GT	SCREW, HCC, 3/8-16 X 1.50	
37	6097GT	WASHER, FLAT, USS, 3/8", Y	
38	4828GT	NUT, NYLOCK, 3/8-16	
39	110865GT	FORMING,BAFFLE,RADIATOR	1
40A	110406GT	RADIATOR,FORD DSG423 & MSG425	1
40B	131589GT	HOSE,OVERFLOW,RADIATOR	
40C	65473GT	CAP,RADIATOR,PERKINS/FORD	
41	110413GT	FORMING,FAN SHROUD	1
42	110419GT	FORMING,RADIATOR BRACE LEFT	1
42-	219437GT	ISOLATOR,VIBRATION	
42-	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
43	25926GT	WASHER,FLAT,M6 PLTD.	
44	48425GT	NUT,FLG-LRG,3/8-16,YZ	
45	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
46	215298GT	UPPER IDLER PULLEY, MSG425	

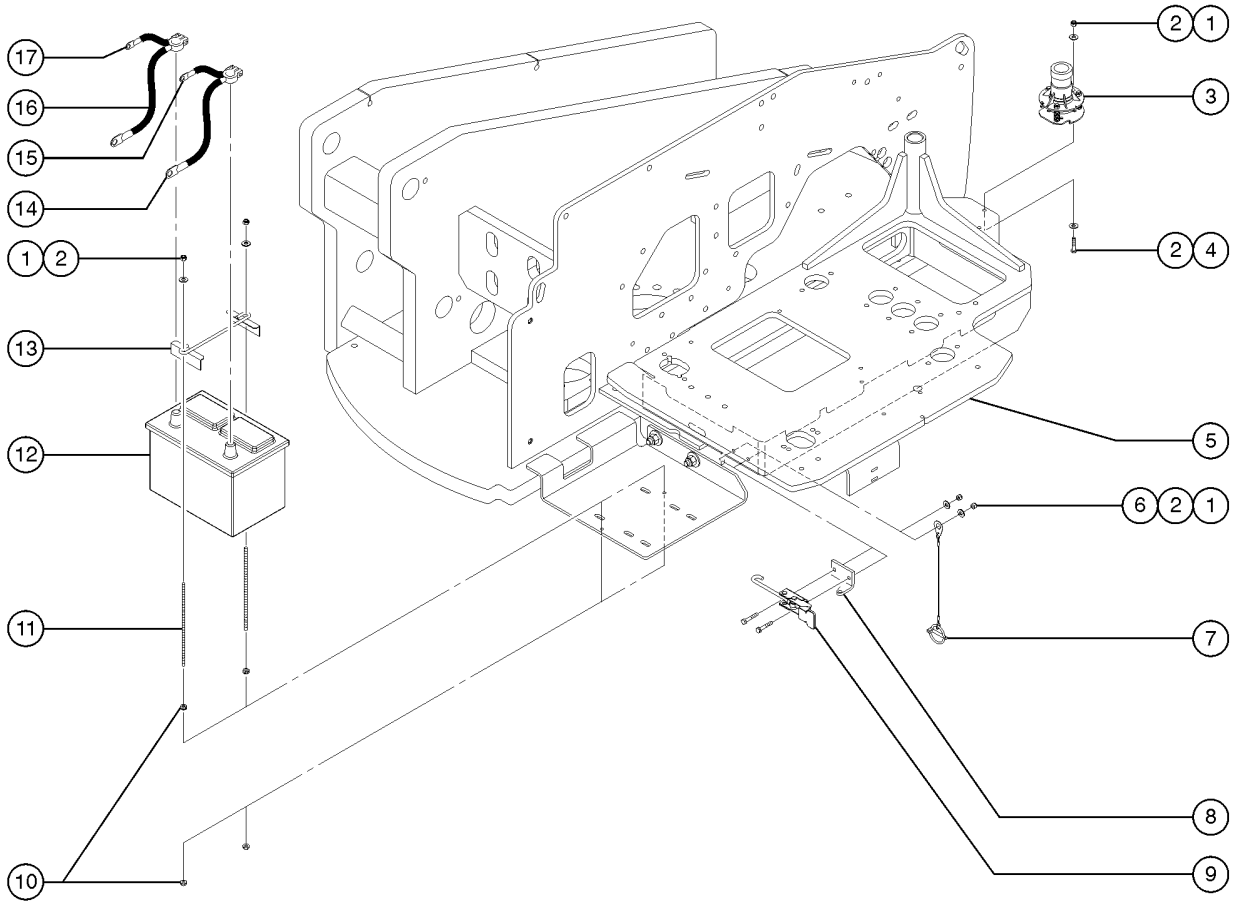
408.1 Ford DSG-423 Engine - View 4



408.1 Ford DSG-423 Engine - View 4

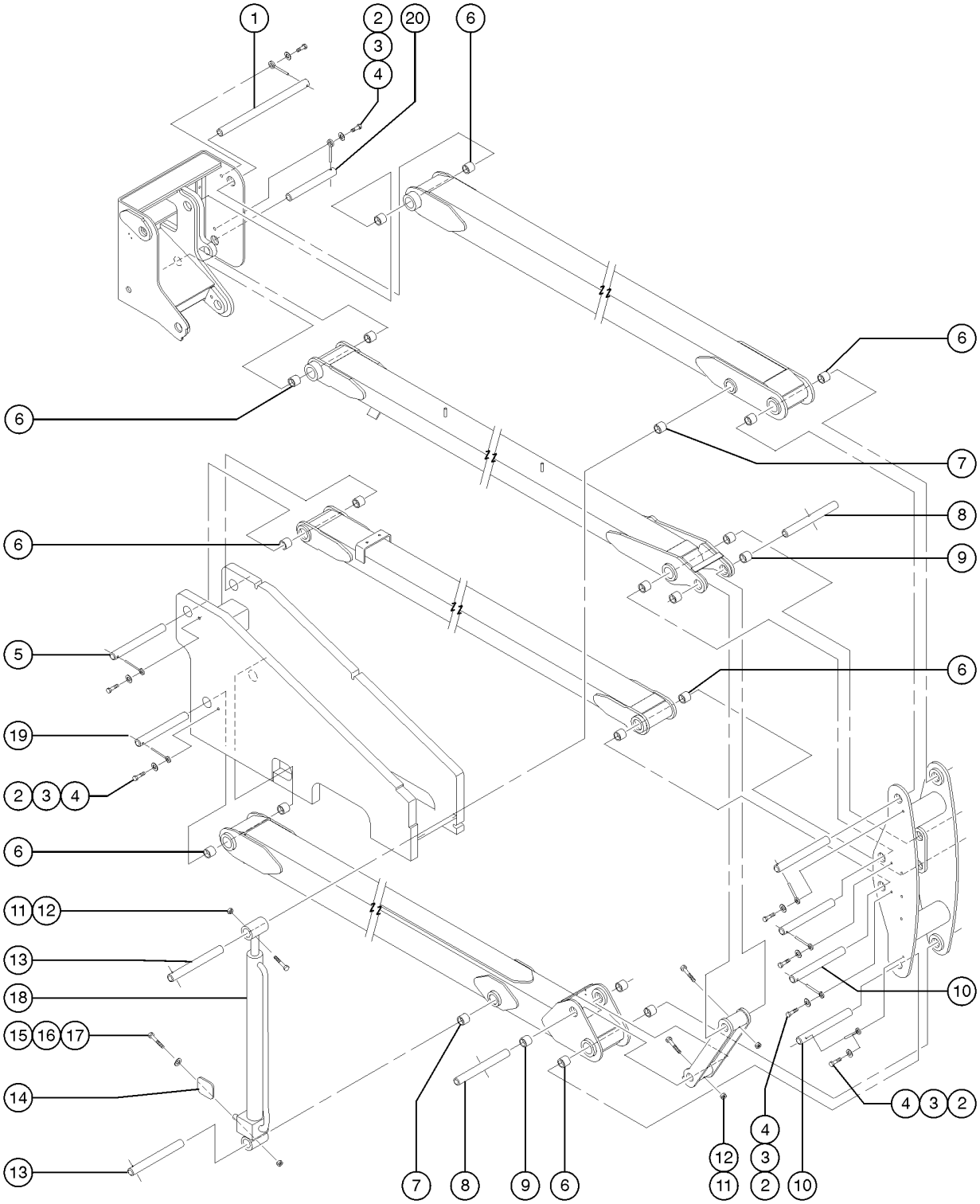
Item	Part No.	Description	Qty.
46-	119477GT	IDLER BRACKET	
47	119073GT	HOSE,COOLANT,REG INTAKE	
47-	119053GT	CLAMP,HOSE,1.50	
48	112400GT	PLATE,FRONT LIFTING EYE	1
49	19358GT	CONNECTOR,010102-6-4	1
50	119055GT	HOSE ASSY,LP GAS	1

409.1 Engine Tray and Battery



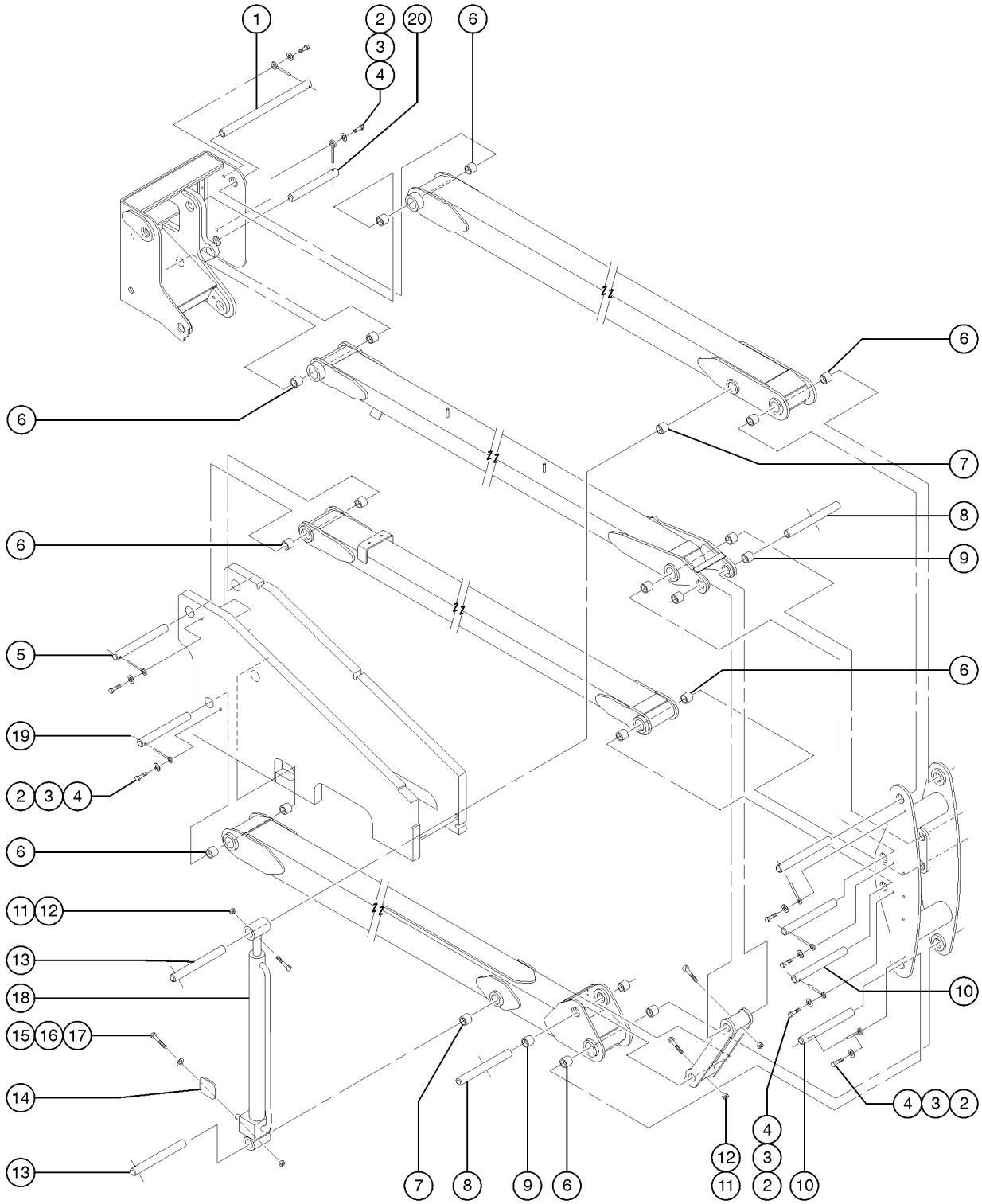
Item	Part No.	Description	Qty.
1	6091GT	NUT,NYLOCK,1/4-20	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3A	94077GT	SENSOR,LEVEL,4.5 DEG USA/Canada/ Australia models. PN 1261449 may be required, see below.	1
3B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 European models	
3C	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN For ANSI/CSA models with 6-pin wire harness connector	
4	8915GT	SCREW, HHC, 1/4-20 X 1.25	
5	107807GT	ASSEMBLY, ENGINE TRAY	1
5-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
6	6145GT	SCREW, HHC, 1/4-20 X 1.5	
7	54432GT	LANYARD,LYNCH PIN ASSY	1
8	54244-SGT	BRACKET,LATCH MOUNT,RH**	1
9	27126GT	LATCH,DRAW,ADJUSTABLE	1
10	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
11	27506GT	THREADED ROD,(1/4-20),8.5"	
12	36872GT	BATTERY, 12V	1
13	T107827GT	BATTERY HOLD DOWN	1
14	119802GT	BATTERY CABLE,1/0,RED,94"	1
15	70645GT	BATTERY CABLE,RED#2,5/16,5/16	1
16	119803GT	BATTERY CABLE,1/0,BLACK,102"	1
17	70646GT	BATTERY CABLE,BLK,#2,5/16,3/8*	1

501.1 Boom Pins and Bearings, Z-45/25



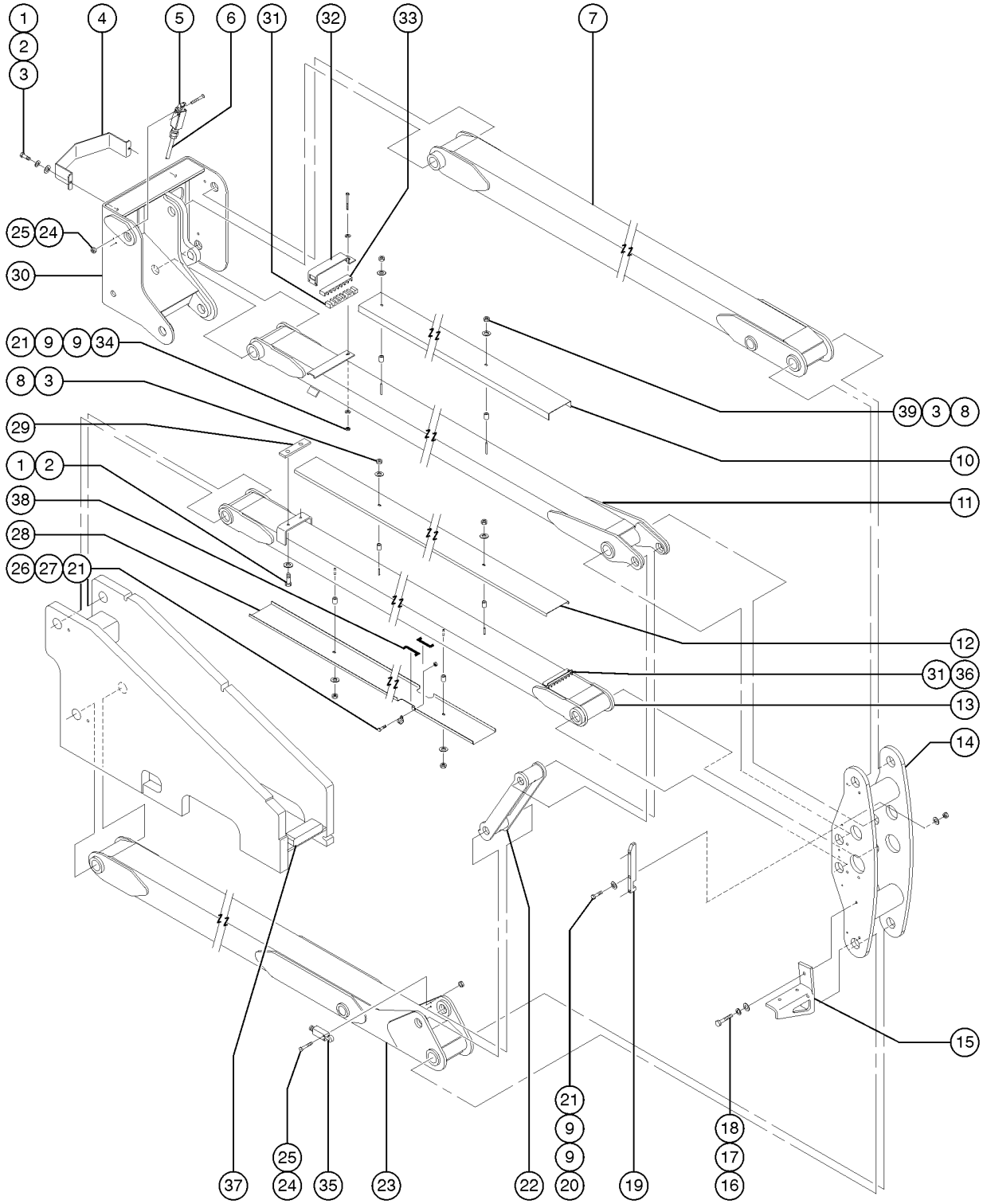
Item	Part No.	Description	Qty.
1	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	1256267GT	ROD END,.5 X 3.75,ZAG	
5	107859GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
6	18720GT	BEARING,2.0IDX2.25ODX1.50L	16
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
8	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
9A	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	4
10	107588GT	PIN,2.00DIAX10.88LG,CHAMFER	4
11	4828GT	NUT, NYLOCK, 3/8-16	
12	14033GT	SCREW, HHC, 3/8-16 X 2.75	
13	50455GT	PIN,1.50DIAX13.88LG,2HOLE	4
14	54726GT	WEAR PAD,SECONDARY CYL,NON/JIB Z-45/25	1
15	6326GT	SCREW,HHC,3/8-16 X 3 Z-45/25	
16	5397GT	WASHER, FLAT, USS, 5/16-18 Z-45/25	
17	7713GT	NUT, LP NYLOCK, 3/8-16 Z-45/25	
18	88203GT	CYLINDER,ELEVATE,Z45/25***	2
18-	77521GT	SEAL KIT,ELEVATE (88203)	
18-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN	
19	107590GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
20	107859GT	PIN,2.00DIAX12.88LG,CHAMFER*** (replaced 107589)	1

501.2 Boom Pins and Bearings, Z-45/25J



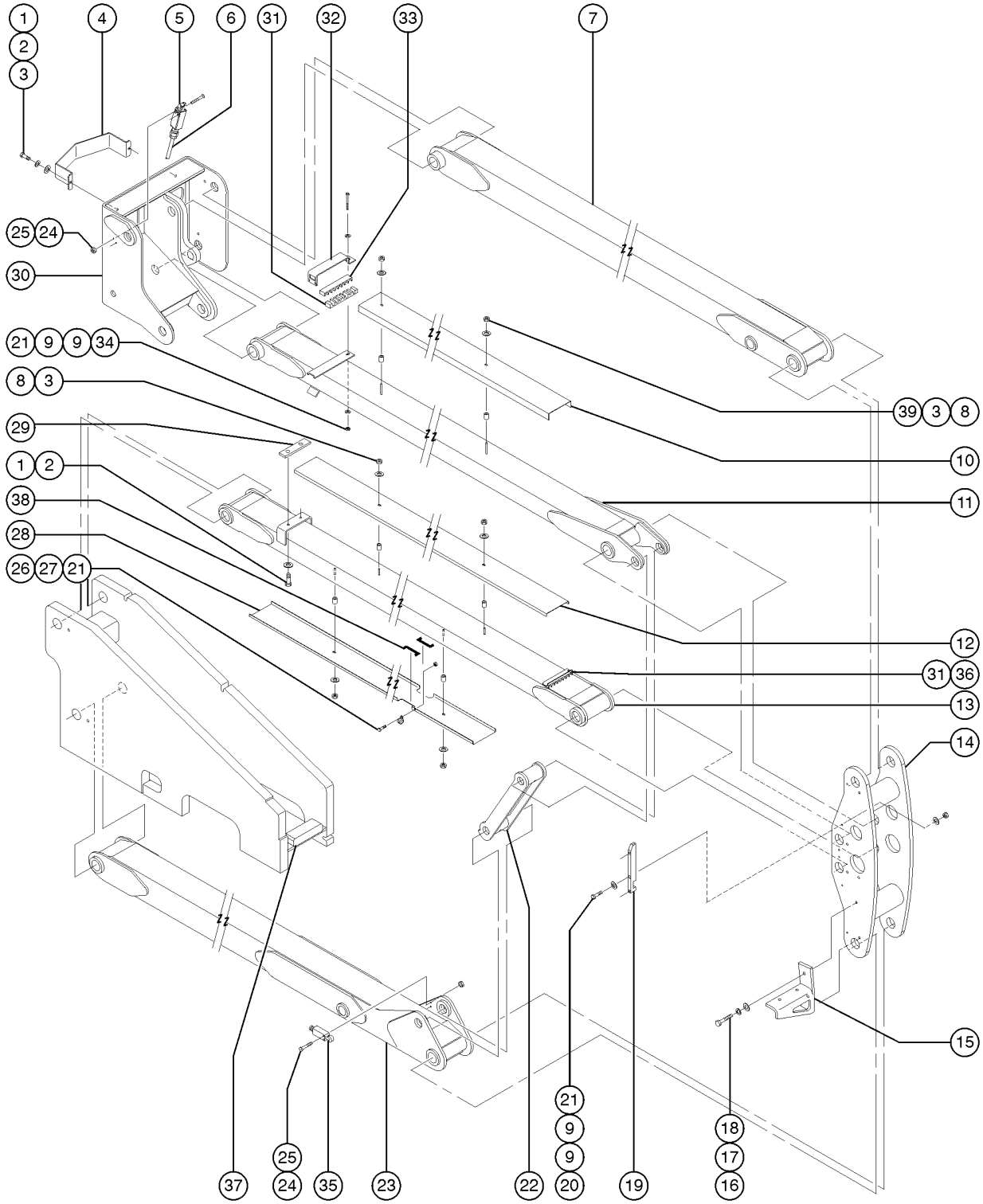
Item	Part No.	Description	Qty.
1	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	1256267GT	ROD END,.5 X 3.75,ZAG	
5	107859GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
6	18720GT	BEARING,2.0IDX2.25ODX1.50L	16
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
8	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
9A	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	4
9B	1258159GT	KIT, BOOM BEARING jib models from SN Z452511B-1727 to Z452513B-2766	1
10	107588GT	PIN,2.00DIAX10.88LG,CHAMFER	4
11	4828GT	NUT, NYLOCK, 3/8-16	
12	14033GT	SCREW, HHC, 3/8-16 X 2.75	
13	50455GT	PIN,1.50DIAX13.88LG,2HOLE	4
18	88203GT	CYLINDER,ELEVATE,Z45/25***	2
18-	77521GT	SEAL KIT,ELEVATE (88203)	
18-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN	
19	107590GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
20	107859GT	PIN,2.00DIAX12.88LG,CHAMFER*** (replaced 107589)	1

502.1 Boom Linkage, Z-45/25



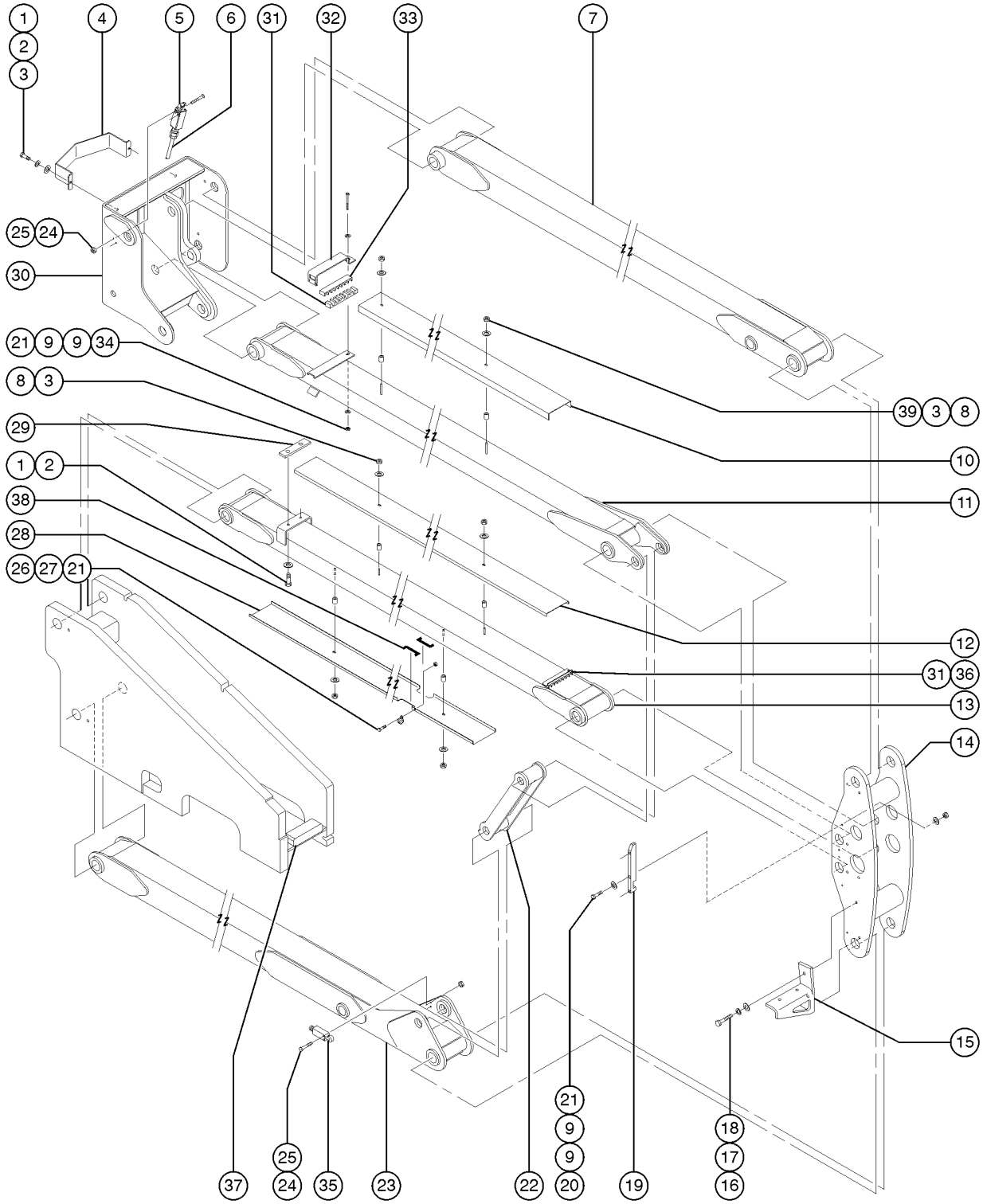
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	237688GT	COVER, UPPER PIVOT	1
5	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	
5-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
6	43960GT	WIRE CABLE,16/4 CON.TPE JKT	396
7	110305GT	UPPER SECONDARY ARM ASSY-Z45**	1
8	7713GT	NUT, LP NYLOCK, 3/8-16	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	88370PGT	HOSE COVER,UPPER ARM,PAINTED	
11	110306GT	UPPER LEVEL ARM ASSY,SERV***	1
12	50517-SGT	HOSE COVER,LOWER LEVEL,TOP,PAI	1
13	110307GT	LOWER LEVEL ARM ASSY***	1
14	110310GT	MIDPIVOT ASSY Z45IC*** USA/Canada/Australian	1
14-	106972GT	WELDMENT,MID PIVOT,MACHINED*** Europe/Asia/ South America	
16A	10587GT	SCREW,HHC,1/2-13 X.75 Z-45/25	
19A	107881GT	WEAR PAD,MID PIVOT*** Z-45/25	2
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	6091GT	NUT,NYLOCK,1/4-20	
22	50479-SGT	CONNECTING LINK, Z45/25	1
23	110308GT	LOWER SECONDARY ARM ASSY***	1
24	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
25	6178GT	NUT, NYLOCK, 10-32	
26	8914GT	SCREW, HHC, 1/4-20 X .625	
27	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
28	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1

502.1 Boom Linkage, Z-45/25



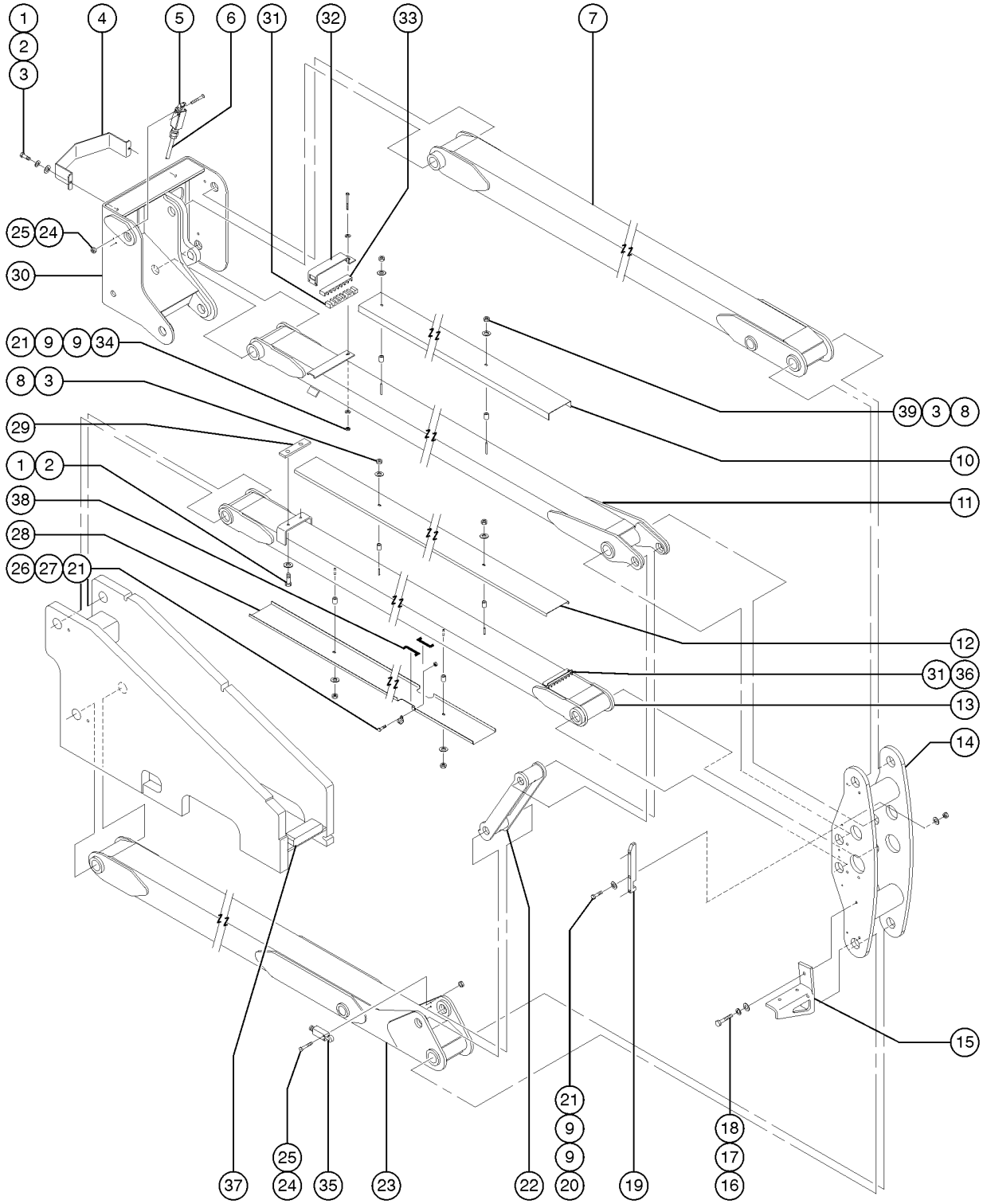
Item	Part No.	Description	Qty.
29	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	1
30		Ref. Upper Pivot Assembly (refer to 503.1)	
31	94529GT	CLAMPING BLOCK,HOSE***	1
32	94531PGT	BRACKET,HOSE CLAMP PAINTED***	1
33	94530GT	CLAMPING BLOCK,CABLE to SN Z452508A-37889	1
33-	128998GT	CLAMPING BLOCK, CABLE, Z45/51 from SN Z452508A-37890	
34	6888GT	SCREW, HHC, 1/4-20 X 1	
35	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
35-	97128GT	ROLLER ARM,LIMIT SWITCH***	
35-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
36	70685PGT	FORMING, HOSE CLAMP, PAINTED	
37	56849GT	PAD,REST,1"THICK,W/STUDS*	1
38	1697GT	TRIMLOCK,BLACK,3/16 cut to 4 inches	8 inches
39	42941GT	HOSE,3/8",FUEL,30R7 cut to 0.75 inch	1 inch

502.2 Boom Linkage, Z-45/25J



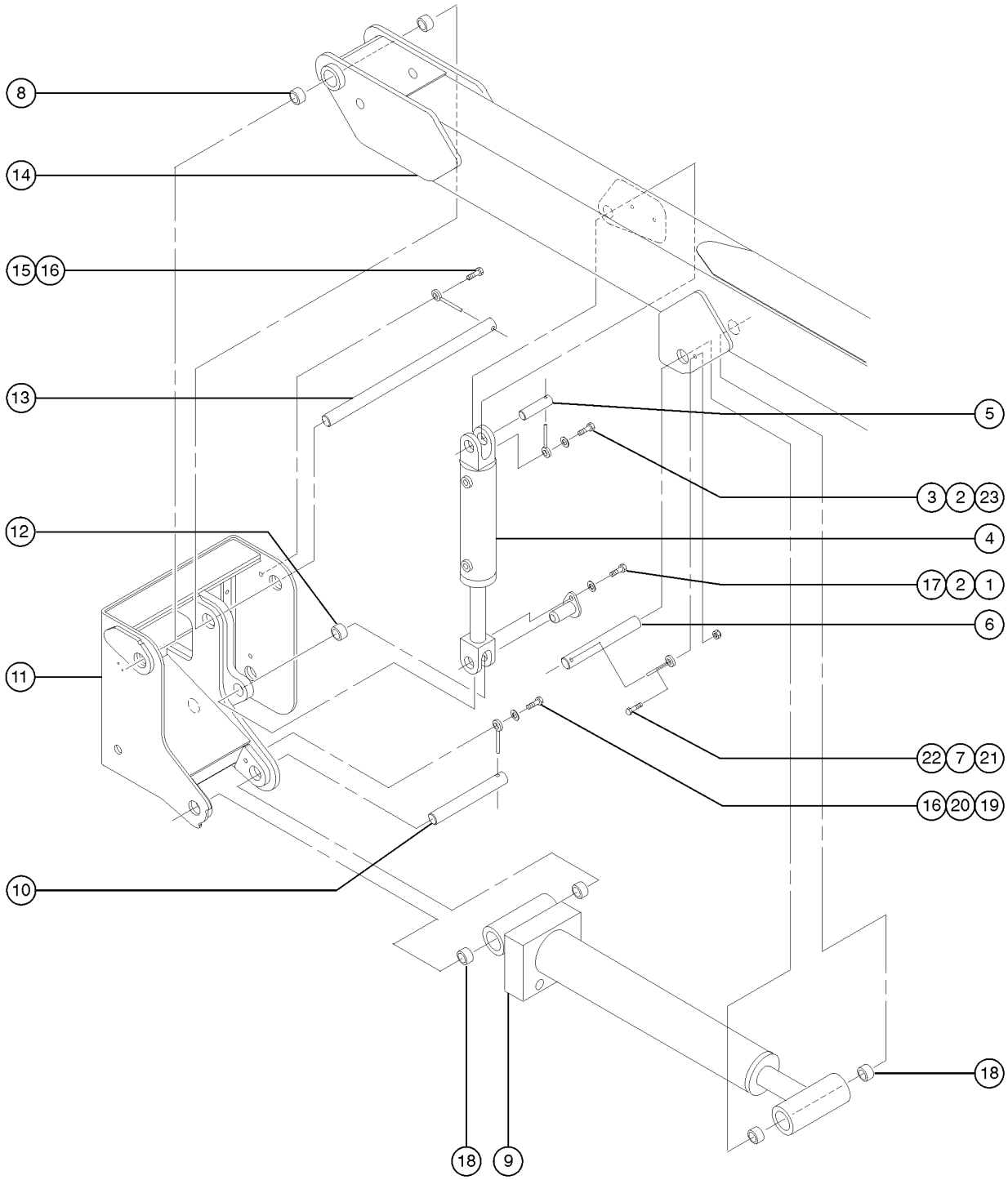
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	237688GT	COVER, UPPER PIVOT	1
5	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	
5-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
6	43960GT	WIRE CABLE,16/4 CON.TPE JKT	396
7	110305GT	UPPER SECONDARY ARM ASSY-Z45**	1
8	7713GT	NUT, LP NYLOCK, 3/8-16	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	88370PGT	HOSE COVER,UPPER ARM,PAINTED	
11	110306GT	UPPER LEVEL ARM ASSY,SERV***	1
12	50517-SGT	HOSE COVER,LOWER LEVEL,TOP,PAI	1
13	110307GT	LOWER LEVEL ARM ASSY***	1
14	110310GT	MIDPIVOT ASSY Z45IC*** USA/Canada/Australian	1
14-	106972GT	WELDMENT,MID PIVOT,MACHINED*** Europe/Asia/ South America	
15	50952-SGT	BOOM REST WELDMENT Z-45/25J	
15		Ref., WEAR PAD refer to 504.1 or 504.2	
16B	8177GT	SCREW,HHC,1/2-13 X 1.5 Z-45/25J	
17	6033GT	WASHER,LOCK,0.5" Z-45/25J	
18	6095GT	WASHER,FLAT,USS,1/2",Y Z-45/25J	
19B	107881GT	WEAR PAD,MID PIVOT*** Z-45/25J	1
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	6091GT	NUT,NYLOCK,1/4-20	
22	50479-SGT	CONNECTING LINK, Z45/25	1
23	110308GT	LOWER SECONDARY ARM ASSY***	1
24	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	

502.2 Boom Linkage, Z-45/25J



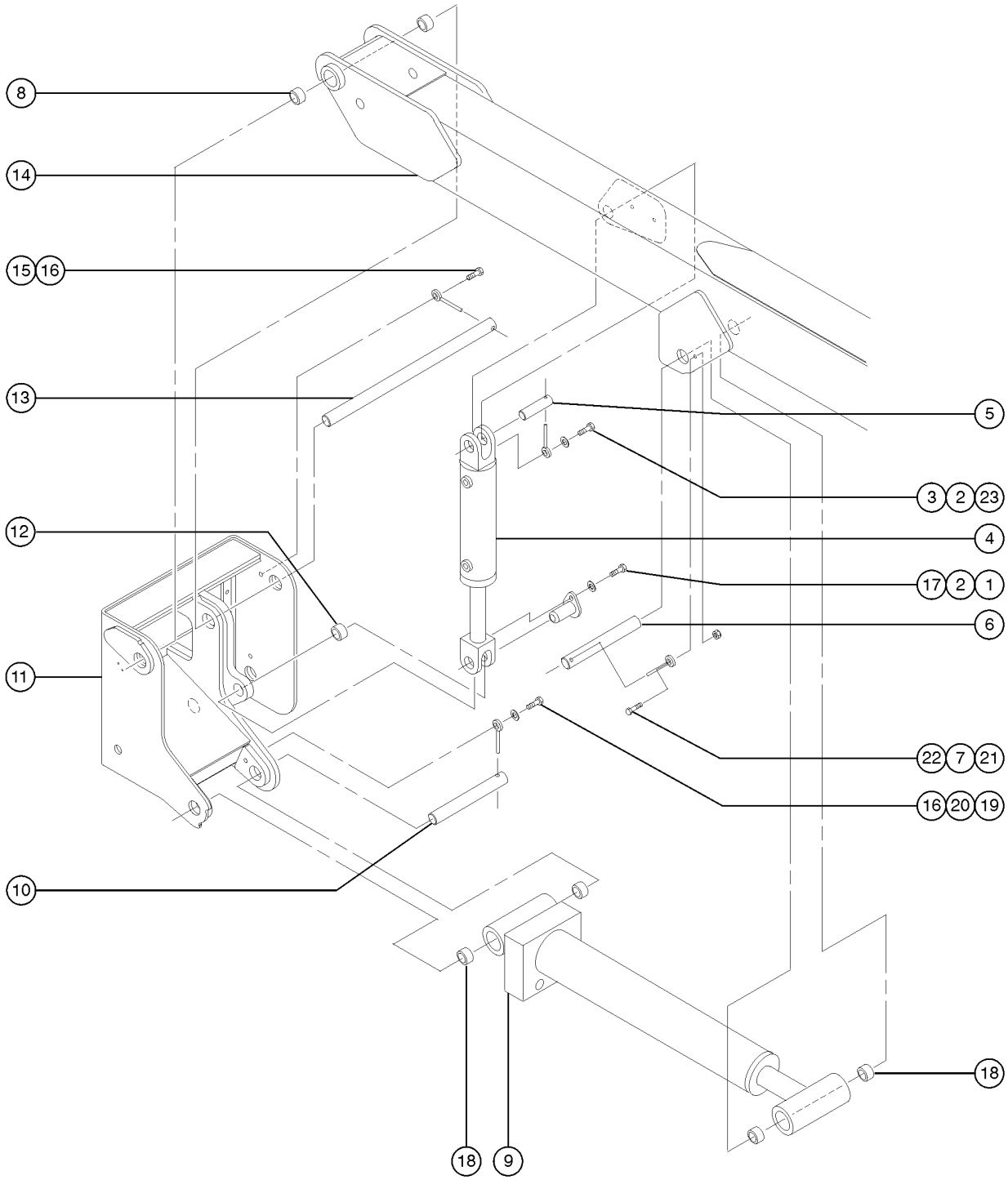
Item	Part No.	Description	Qty.
25	6178GT	NUT, NYLOCK, 10-32	
26	8914GT	SCREW, HHC, 1/4-20 X .625	
27	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
28	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1
29	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	1
30		Ref. Upper Pivot Assembly (refer to 503.1)	
31	94529GT	CLAMPING BLOCK,HOSE***	2
32	94531PGT	BRACKET,HOSE CLAMP PAINTED***	1
33	94530GT	CLAMPING BLOCK,CABLE (to SN Z452508A-37889) (to SN Z452511B-666)	1
33-	128998GT	CLAMPING BLOCK, CABLE, Z45/51 (from SN Z452508A-37890) (from SN Z452511B-667)	
34	6888GT	SCREW, HHC, 1/4-20 X 1	
35	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
35-	97128GT	ROLLER ARM,LIMIT SWITCH***	
35-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
36	70685PGT	FORMING, HOSE CLAMP, PAINTED	
37	56849GT	PAD,REST,1"THICK,W/STUDS*	1
38	1697GT	TRIMLOCK,BLACK,3/16 cut to 4 inches	8 inches
39	42941GT	HOSE,3/8",FUEL,30R7 cut to 0.75 inch	1 inch

503.1 Upper Pivot Components, Z-45/25



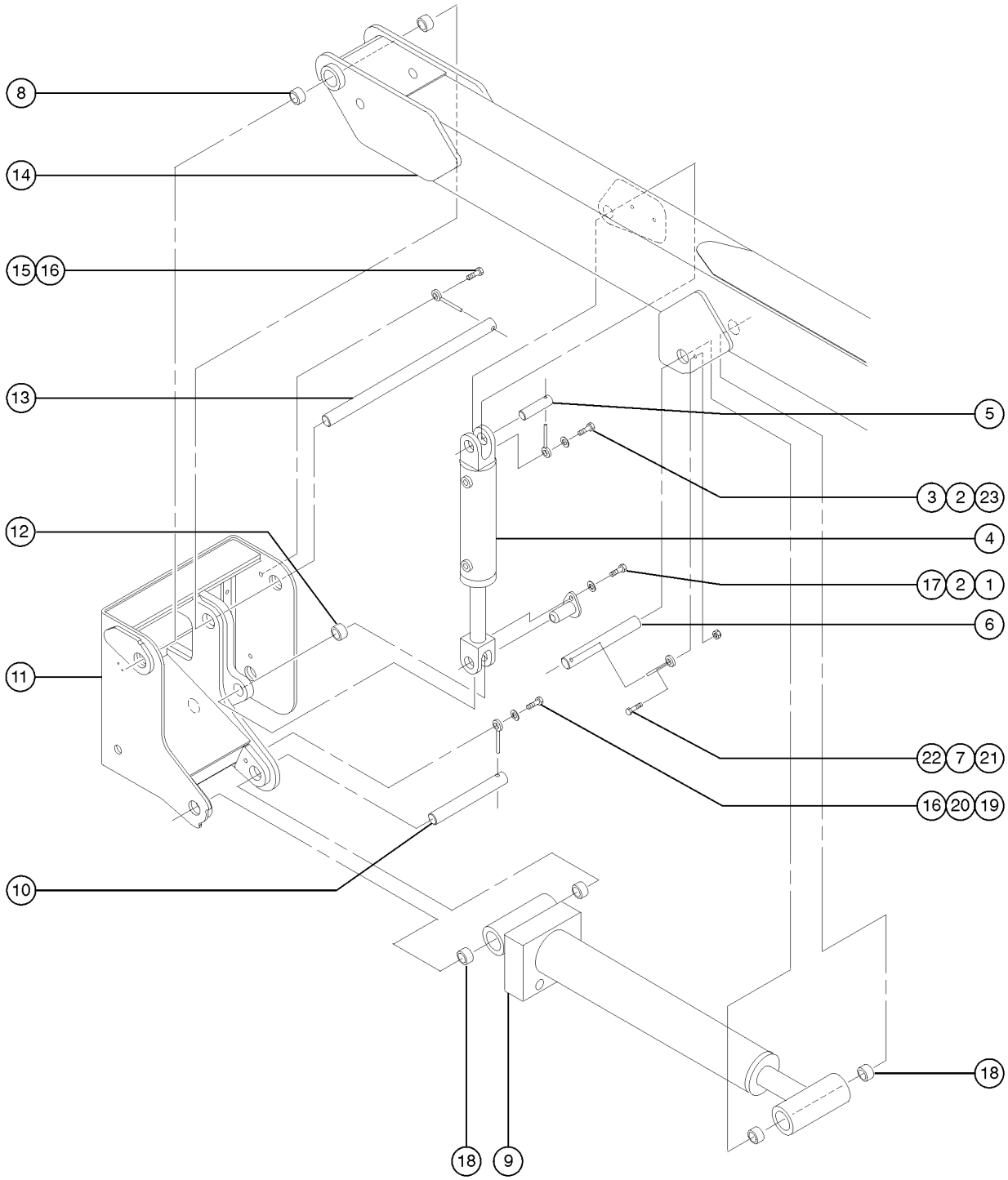
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	1255452GT	ROD END,.375 X 2.25,ZAG	
4	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
4-	77364GT	SEAL KIT, LEVELING CYLINDER	
5	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
6	50542GT	PIN,1.75DIAX9.25LG,1HOLE	1
7	825019GT	ROD END, .375X3.69, ZAG	
8	18720GT	BEARING,2.0IDX2.25ODX1.50L	2
9A	1263056GT	CYLINDER,PRIM LIFT NON JIB,Z45 includes item 18 (used in production from SN 19887 to SN 40637 and from SN 42132)	
9A-	77189GT	SEAL KIT,CYL,Z45 (77187&77188) for 77187, 1263056 (from SN 19887 to SN 40637 and from SN 42132) (identify part number on cylinder before ordering)	
9A-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for 77187, 1263056 (from SN 19887 to SN 40637 and from SN 42132) (identify part number on cylinder before ordering)	
9C	50480GT	VALVE,COUNTERBALANCE,3800 PSI* for 147260 (from SN 40638 to SN 42131) (identify part number on cylinder before ordering)	
9D	147284GT	SEAL KIT,147260*** for 147260 (from SN 40638 to SN 42131) (identify part number on cylinder before ordering)	
10	70534GT	PIN,1.75DIAX11.88LG,CHAMFER	1
11	110309GT	UPPER PIVOT W/BEARING-Z45/25**	
11-	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
12	30370GT	BEARING,1.25IDX1.5ODX1.00L	1
13	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
14		Ref. Primary Boom Tube Assembly (refer to 504.1)	
15	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
16	1256267GT	ROD END,.5 X 3.75,ZAG	
17	70671GT	PIN,1.25 DIA X 3.19 LG, PLATE	1
18	1262633GT	BUSHING,POLYGON,BM5120	4
19	8177GT	SCREW,HHC,1/2-13 X 1.5	
20	6033GT	WASHER,LOCK,0.5"	
21	8516GT	SCREW, HCC, 3/8-16 X 1.50	

503.1 Upper Pivot Components, Z-45/25



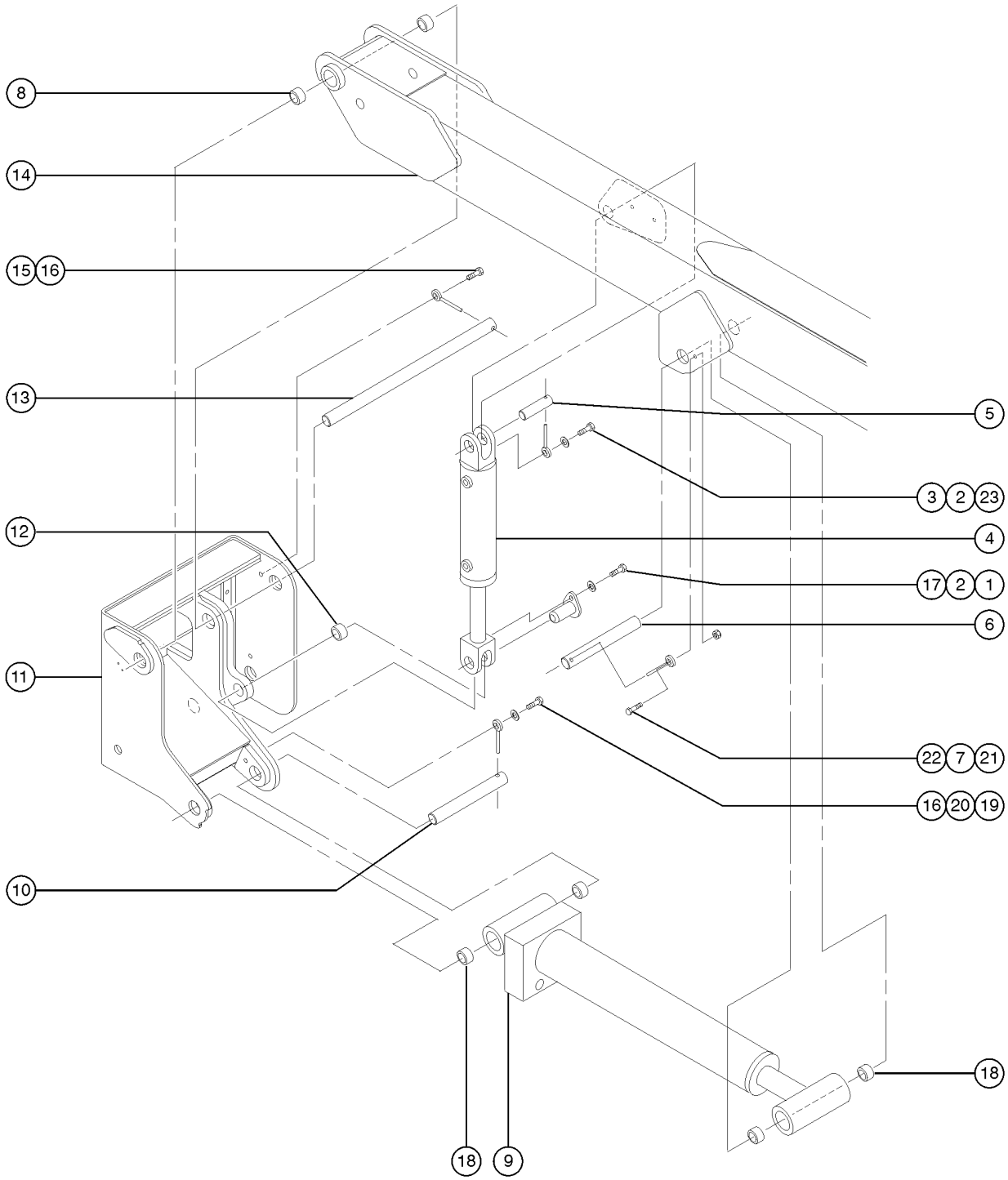
Item	Part No.	Description	Qty.
22	4828GT	NUT, NYLOCK, 3/8-16	
23	8255GT	SCREW,HHC,3/8-16 X .75	

503.2 Upper Pivot Components, Z-45/25J



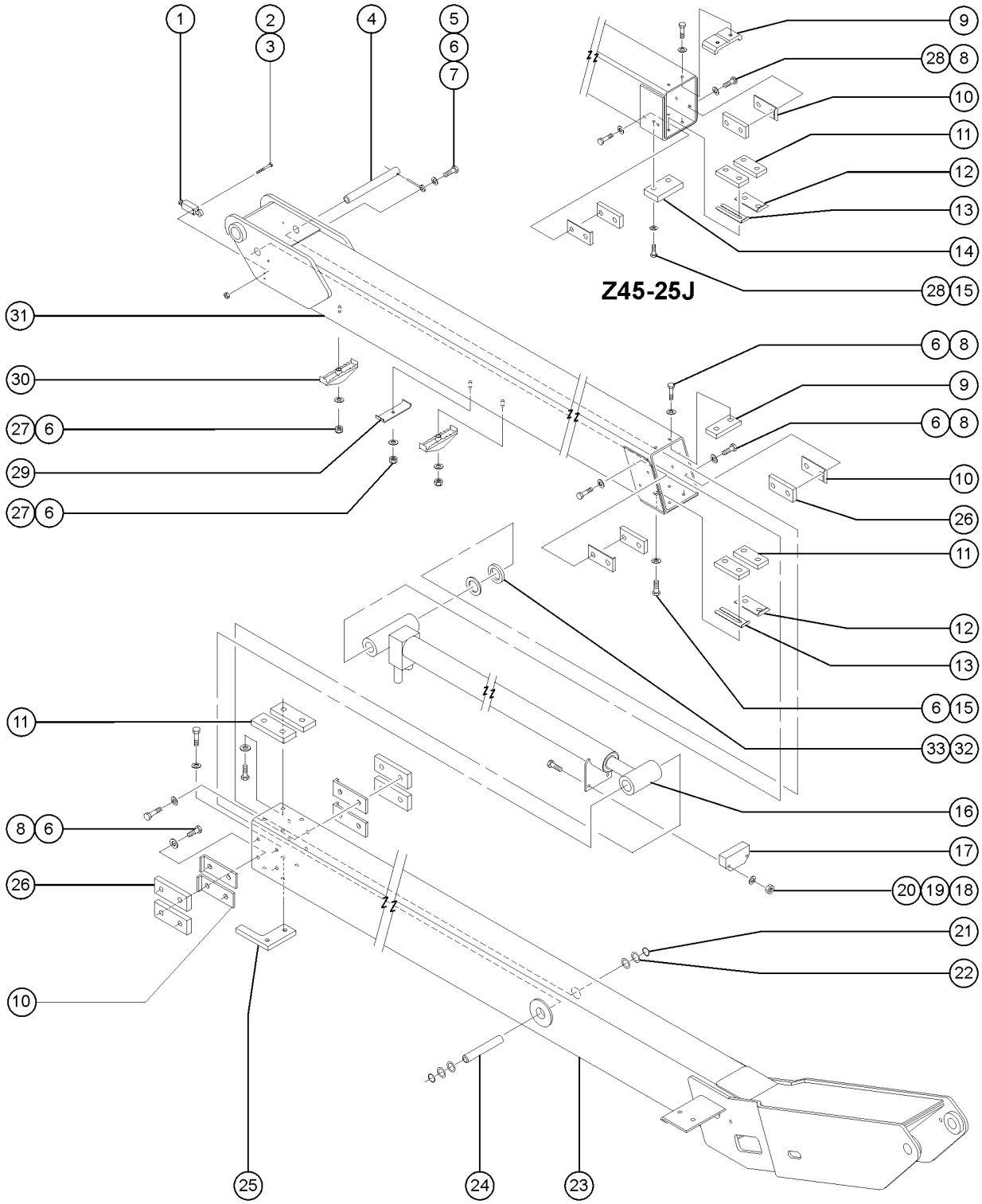
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	1255452GT	ROD END,.375 X 2.25,ZAG	
4	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
4-	77364GT	SEAL KIT, LEVELING CYLINDER	
5	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
6	50542GT	PIN,1.75DIAX9.25LG,1HOLE	1
7	825019GT	ROD END, .375X3.69, ZAG	
8	18720GT	BEARING,2.0IDX2.25ODX1.50L	2
9B	1263057GT	CYLINDER,PRIM LIFT JIB,Z45 includes item 18 (used in production from SN 19887 to SN 40637 and from SN 42132)	1
9B-	77189GT	SEAL KIT,CYL,Z45 (77187&77188) for 77188, 1263057 (from SN 19887 to SN 40637 and from SN 42132) (identify part number on cylinder before ordering)	
9B-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for 77188, 1263057 (from SN 19887 to SN 40637 and from SN 42132) (identify part number on cylinder before ordering)	
9C	50480GT	VALVE,COUNTERBALANCE,3800 PSI* for 147260 (from SN 40638 to SN 42131) (identify part number on cylinder before ordering)	1
9D	147284GT	SEAL KIT,147260*** for 147260 (from SN 40638 to SN 42131) (identify part number on cylinder before ordering)	1
10	70534GT	PIN,1.75DIAX11.88LG,CHAMFER	1
11	110309GT	UPPER PIVOT W/BEARING-Z45/25**	
11-	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
12	30370GT	BEARING,1.25IDX1.5ODX1.00L	1
13	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
14		Ref. Primary Boom Tube Assembly (refer to 504.1)	
15	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
16	1256267GT	ROD END,.5 X 3.75,ZAG	
17	70671GT	PIN,1.25 DIA X 3.19 LG, PLATE	1
18	1262633GT	BUSHING,POLYGON,BM5120	4
19	8177GT	SCREW,HHC,1/2-13 X 1.5	
20	6033GT	WASHER,LOCK,0.5"	
21	8516GT	SCREW, HCC, 3/8-16 X 1.50	

503.2 Upper Pivot Components, Z-45/25J



Item	Part No.	Description	Qty.
22	4828GT	NUT, NYLOCK, 3/8-16	
23	8255GT	SCREW,HHC,3/8-16 X .75	

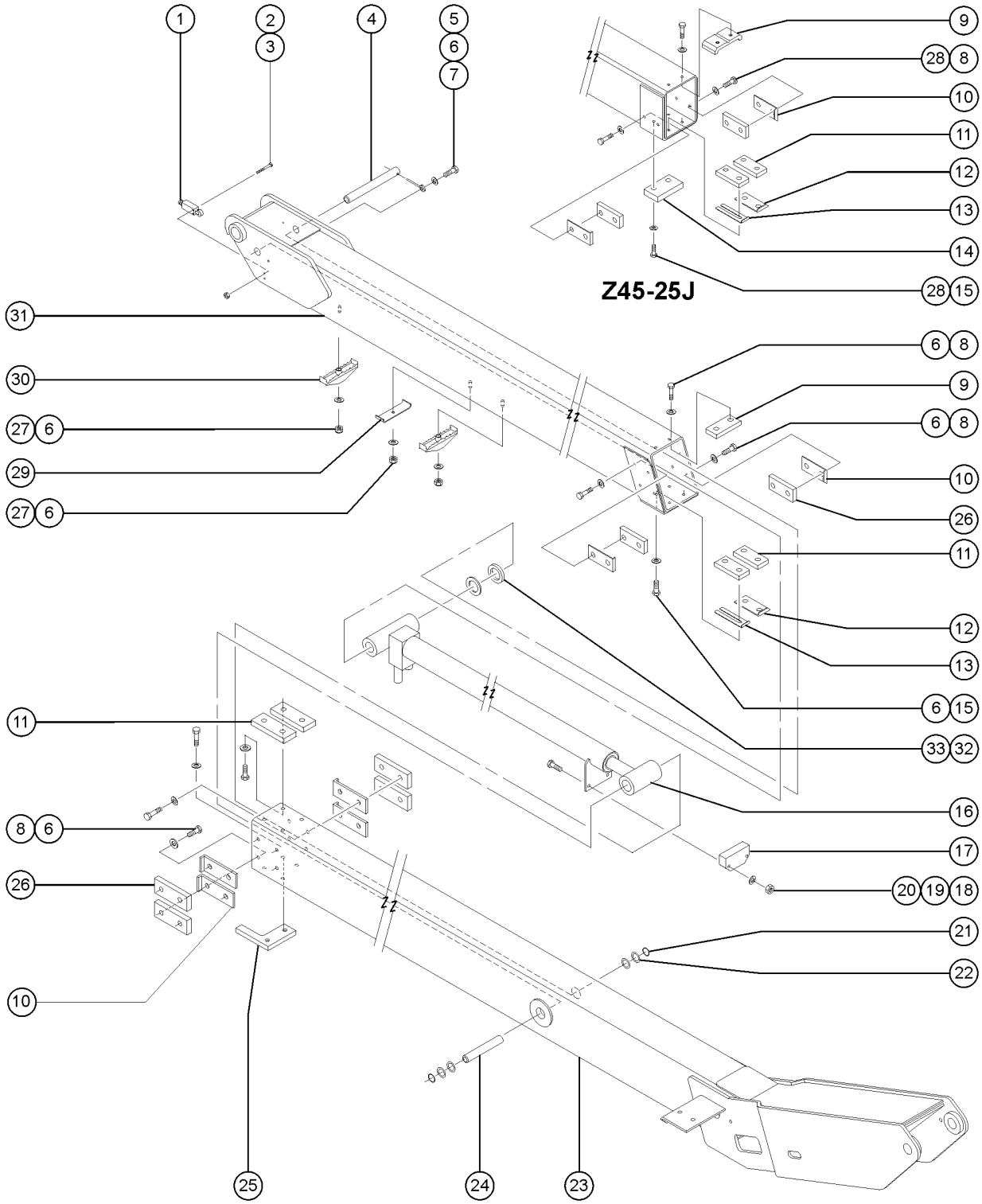
504.1 Primary and Extension Booms (to SN Z452508A-37889 and Z452511B-1718), Z-45/25



504.1 Primary and Extension Booms (to SN Z452508A-37889 and Z452511B-1718), Z-45/25

Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6097GT	WASHER, FLAT, USS, 3/8", Y	
7	825019GT	ROD END, .375X3.69, ZAG	
8	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	
9A	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS Z-45/25	1
10	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
11	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	4
12	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
13	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	
15A	8516GT	SCREW, HCC, 3/8-16 X 1.50 Z-45/25	
16A	54570GT	CYLINDER,EXTEND,Z45 NON JIB Z-45/25	1
16A-	65788GT	SEAL KIT CYL Z45 (54570)	
16A-	54063GT	VALVE,CB.CBBC-LHN@1000***	
16A-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
17	50698GT	WEAR PAD,EXTENSION CYLINDER	1
18	6091GT	NUT,NYLOCK,1/4-20	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
22	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
23A	50315GT	EXTENSION BOOM WELDMNT,NON-JIB Z-45/25	

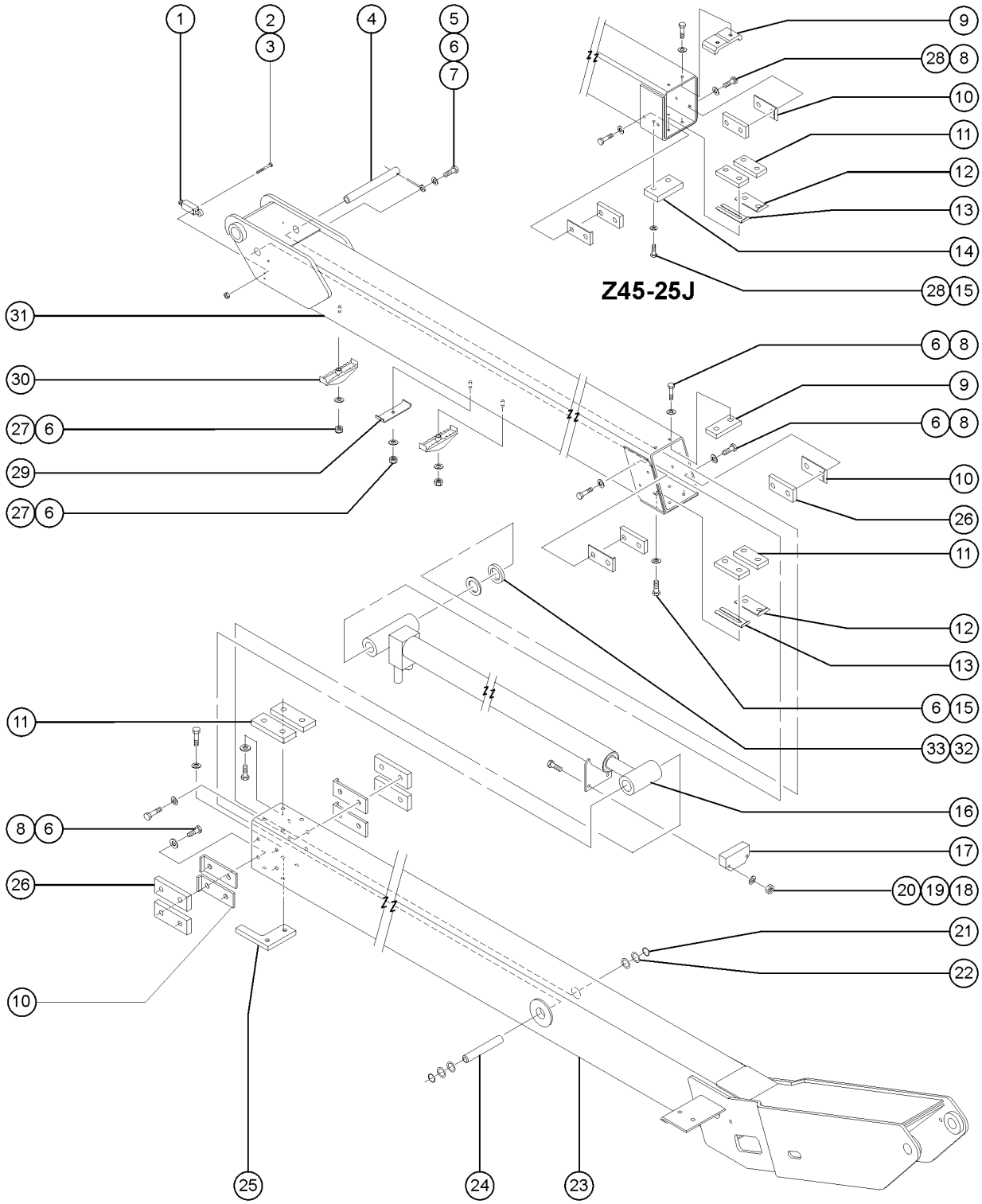
504.1 Primary and Extension Booms (to SN Z452508A-37889 and Z452511B-1718), Z-45/25



504.1 Primary and Extension Booms (to SN Z452508A-37889 and Z452511B-1718), Z-45/25

Item	*Part No.*	*Description*	*Qty.*
24	50546GT	PIN,1.25DIAX6.36LG,2RING	1
25	50552GT	WEAR PAD,EXTENSION BOOM	1
26	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
27	4828GT	NUT, NYLOCK, 3/8-16	
29	54530GT	CLAMP,HOSE,ALUMINUM	1
30	77106GT	CLAMP,CABLE & HOSE,PLASTIC	2
31A	110384GT	PRIMARY BOOM ASSY,STD,Z45/25 Z-45/25	
32	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
33	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1

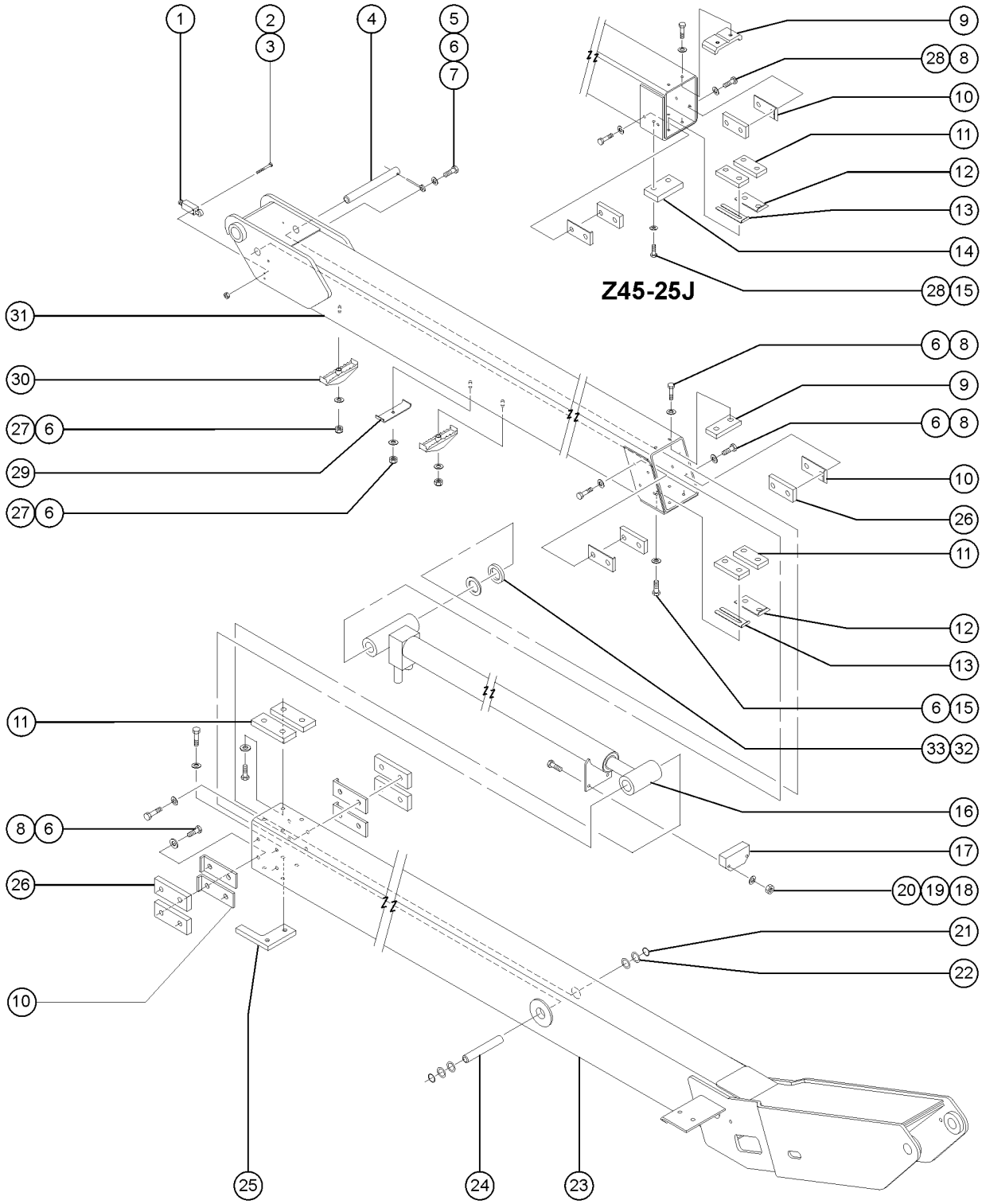
504.2 Primary and Extension Booms (to SN Z452508A-37889 and Z452511B-1718), Z-45/25J



504.2 Primary and Extension Booms (to SN Z452508A-37889 and Z452511B-1718), Z-45/25J

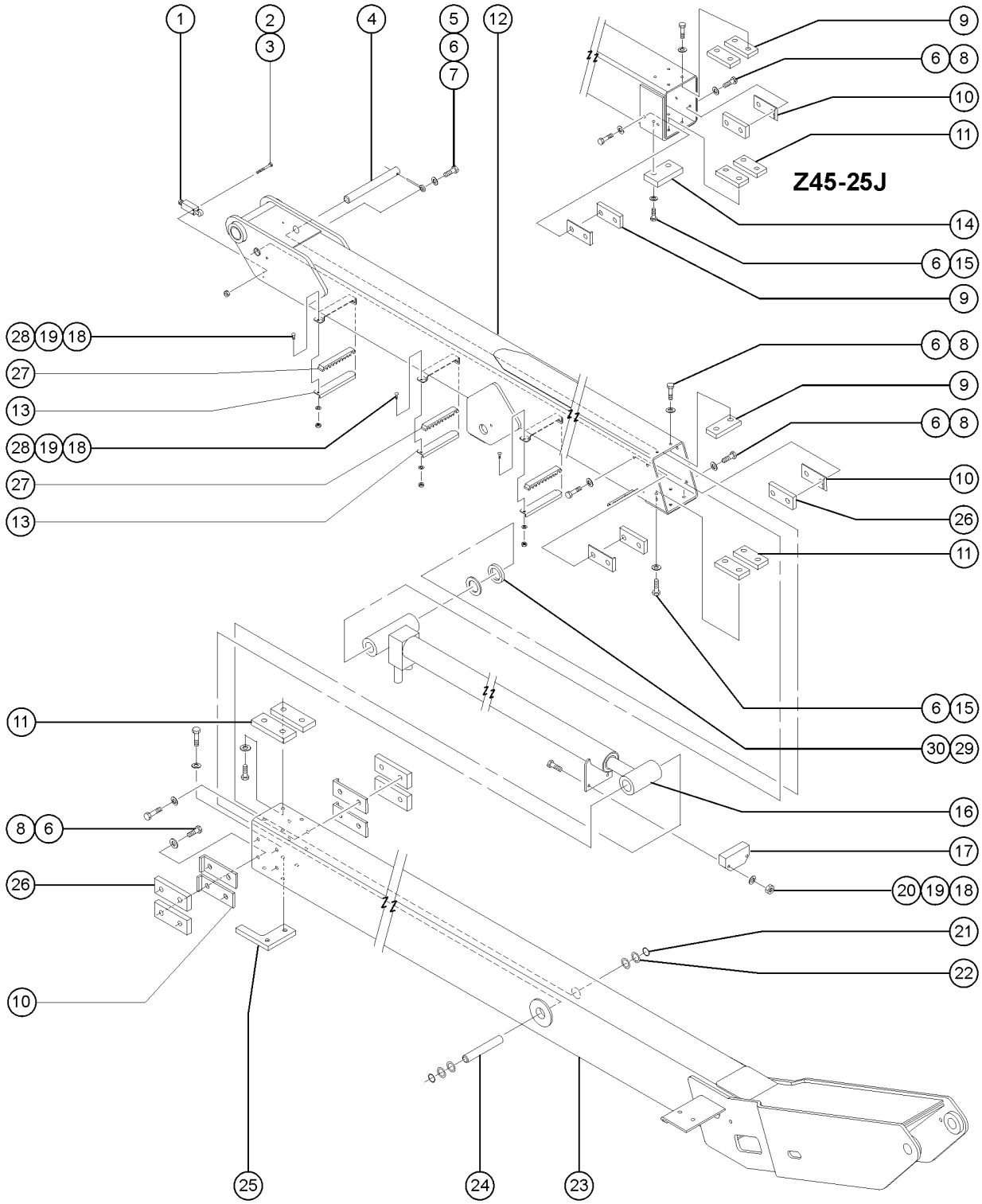
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6097GT	WASHER, FLAT, USS, 3/8", Y	
7	825019GT	ROD END, .375X3.69, ZAG	
8	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	
9B	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS Z-45/25J	2
10	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
11	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	4
12	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
13	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	
14	54157GT	WEAR PAD,PRIMARY BOOM,JIB 5.5X3X1 Z-45/25J	1
15B	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8 Z-45/25J	
16B	54569GT	CYLINDER,EXTEND,Z45J*** Z-45/25J	1
16B-	65790GT	SEAL KIT CYL.Z45(54569)	
16B-	54063GT	VALVE,CB.CBBC-LHN@1000***	
16B-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
17	50698GT	WEAR PAD,EXTENSION CYLINDER	1
18	6091GT	NUT,NYLOCK,1/4-20	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
22	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	

504.2 Primary and Extension Booms (to SN Z452508A-37889 and Z452511B-1718), Z-45/25J



Item	Part No.	Description	Qty.
23B	119649GT	WELDMNT,EXTENSION BOOM,JIB,Z45 Z-45/25J	
24	50546GT	PIN,1.25DIAX6.36LG,2RING	1
25	50552GT	WEAR PAD,EXTENSION BOOM	1
26	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
27	4828GT	NUT, NYLOCK, 3/8-16	
28	6097GT	WASHER, FLAT, USS, 3/8", Y Z-45/25J	
29	54530GT	CLAMP,HOSE,ALUMINUM	1
30	77106GT	CLAMP,CABLE & HOSE,PLASTIC	2
31B	110385GT	PRIMARY BOOM ASSY,JIB,Z45/25J Z-45/25J	1
32	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
33	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1

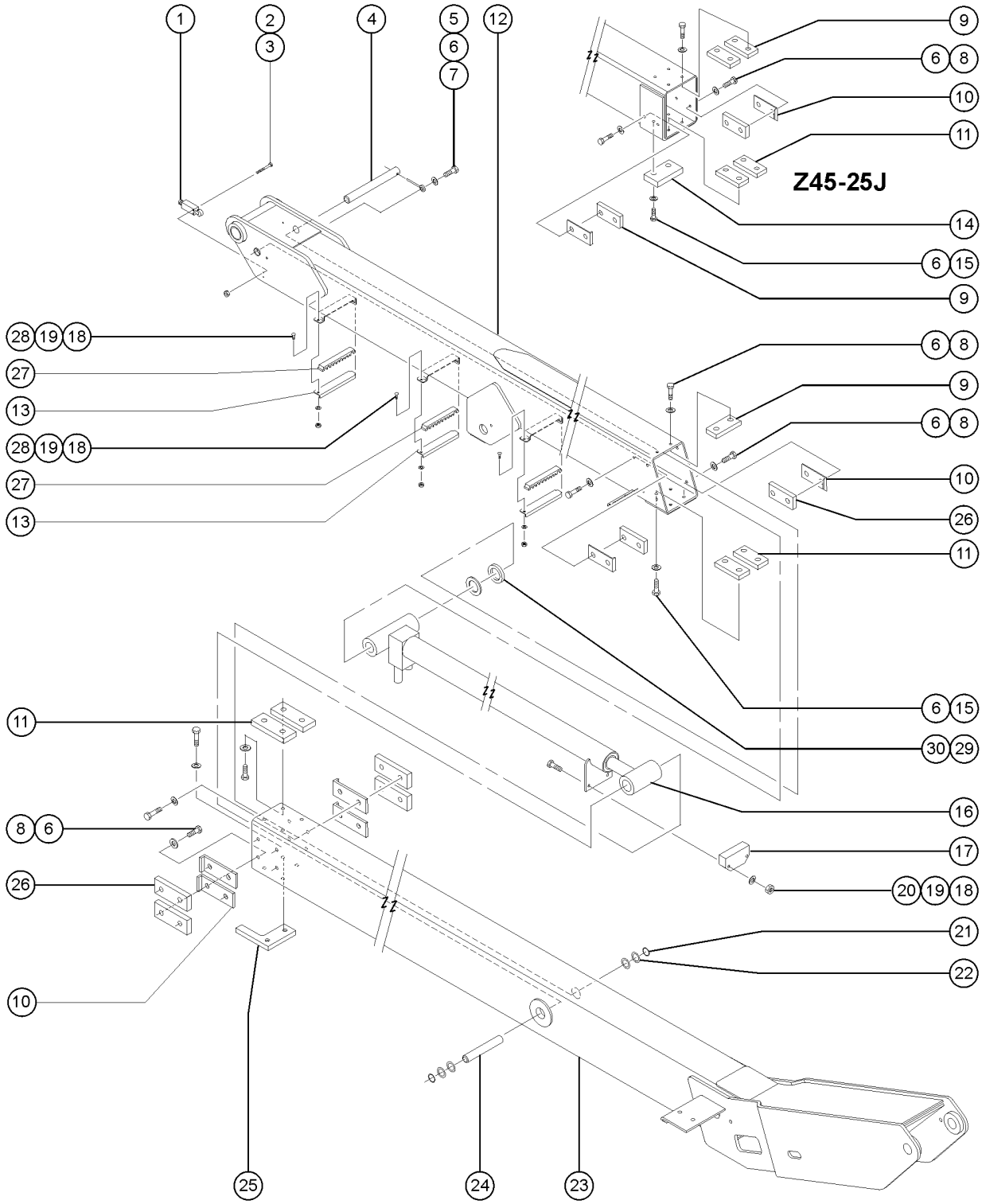
504.3 Primary and Extension Booms (from SN Z452508A-37890 and Z452511B-1719), Z-45/25



504.3 Primary and Extension Booms (from SN Z452508A-37890 and Z452511B-1719), Z-45/25

Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6097GT	WASHER, FLAT, USS, 3/8", Y	
7	825019GT	ROD END, .375X3.69, ZAG	
8	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	
9A	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS Z-45/25	1
10	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
11	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	4
12A	1257051GT	ASSEMBLY,PRIMARY BOOM,Z45 NJ Z-45/25	
13	128995GT	FORMING, HOSE CLAMP RETAINER	3
15A	8516GT	SCREW, HCC, 3/8-16 X 1.50 Z-45/25	
16A	54570GT	CYLINDER,EXTEND,Z45 NON JIB Z-45/25	1
16A-	65788GT	SEAL KIT CYL Z45 (54570)	
16A-	54063GT	VALVE,CB.CBBC-LHN@1000***	
16A-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
17	50698GT	WEAR PAD,EXTENSION CYLINDER	1
18	6091GT	NUT,NYLOCK,1/4-20	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
22	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
23A	50315GT	EXTENSION BOOM WELDMNT,NON-JIB Z-45/25	

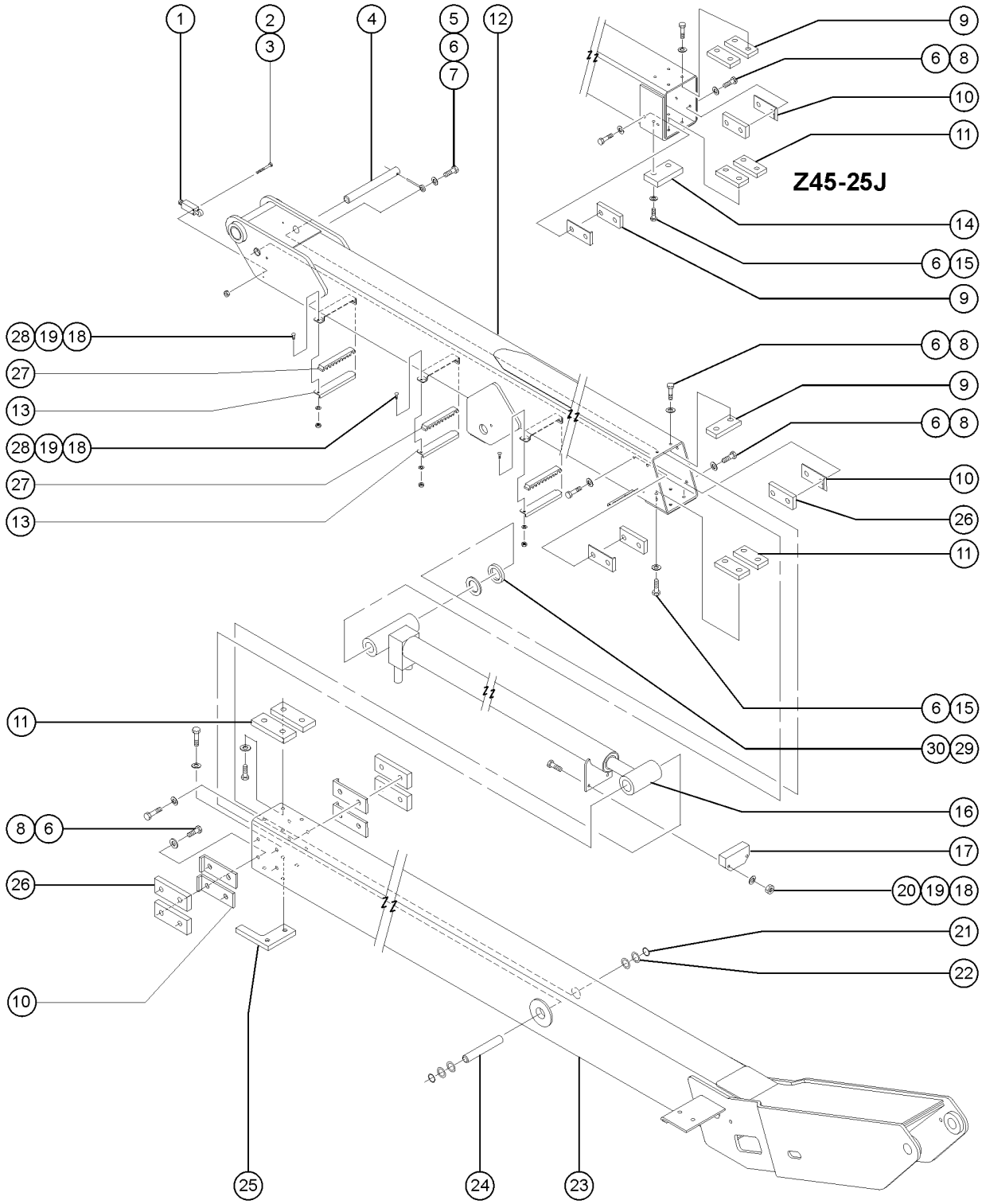
504.3 Primary and Extension Booms (from SN Z452508A-37890 and Z452511B-1719), Z-45/25



504.3 Primary and Extension Booms (from SN Z452508A-37890 and Z452511B-1719), Z-45/25

Item	*Part No.*	*Description*	*Qty.*
24	50546GT	PIN,1.25DIAX6.36LG,2RING	1
25	50552GT	WEAR PAD,EXTENSION BOOM	1
26	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
27	128601GT	CLAMP, PRI, HOSE/CABLE, Z45/51	3
28	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	3
29	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
30	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1

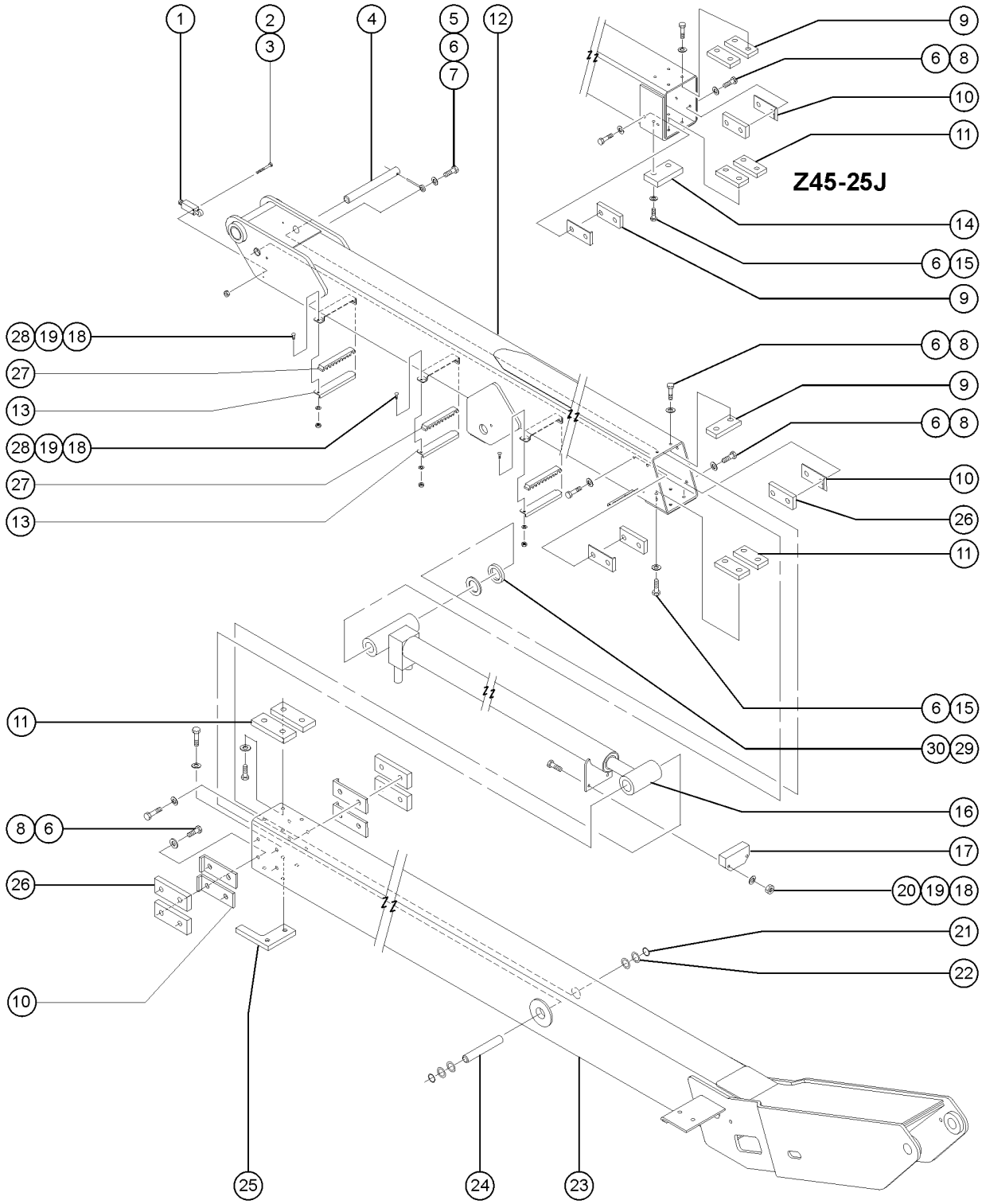
504.4 Primary and Extension Booms (from SN Z452508A-37890 and Z452511B-1719), Z-45/25J



504.4 Primary and Extension Booms (from SN Z452508A-37890 and Z452511B-1719), Z-45/25J

Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6097GT	WASHER, FLAT, USS, 3/8", Y	
7	825019GT	ROD END, .375X3.69, ZAG	
8	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	
9B	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS Z-45/25J	2
10	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
11	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	4
12B	1257052GT	ASSEMBLY,PRIMARY BOOM,Z45 JIB Z-45/25J	
13	128995GT	FORMING, HOSE CLAMP RETAINER	3
14	54157GT	WEAR PAD,PRIMARY BOOM,JIB 5.5X3X1 Z-45/25J only	1
15B	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8 Z-45/25J	
16B	54569GT	CYLINDER,EXTEND,Z45J*** Z-45/25J	1
16B-	65790GT	SEAL KIT CYL.Z45(54569)	
16B-	54063GT	VALVE,CB.CBBC-LHN@1000***	
16B-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
17	50698GT	WEAR PAD,EXTENSION CYLINDER	1
18	6091GT	NUT,NYLOCK,1/4-20	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
22	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	

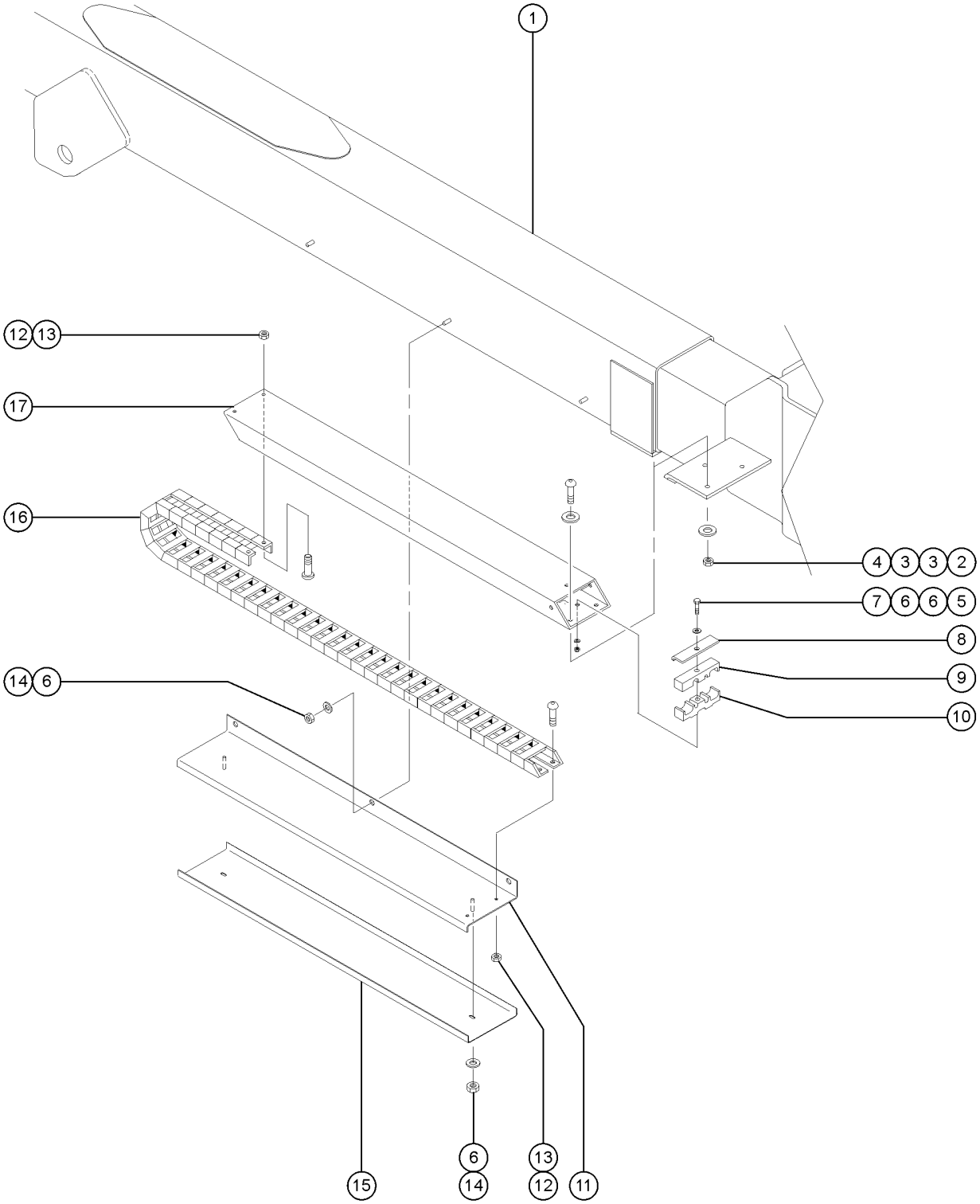
504.4 Primary and Extension Booms (from SN Z452508A-37890 and Z452511B-1719), Z-45/25J



504.4 Primary and Extension Booms (from SN Z452508A-37890 and Z452511B-1719), Z-45/25J

Item	*Part No.*	*Description*	*Qty.*
23B	128304GT	WELDMENT,EXT. BOOM,Z45 JIB Z-45/25J	
24	50546GT	PIN,1.25DIAX6.36LG,2RING	1
25	50552GT	WEAR PAD,EXTENSION BOOM	1
26	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
27	128601GT	CLAMP, PRI, HOSE/CABLE, Z45/51	
28	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2 Z-45/25J	
29	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
30	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1

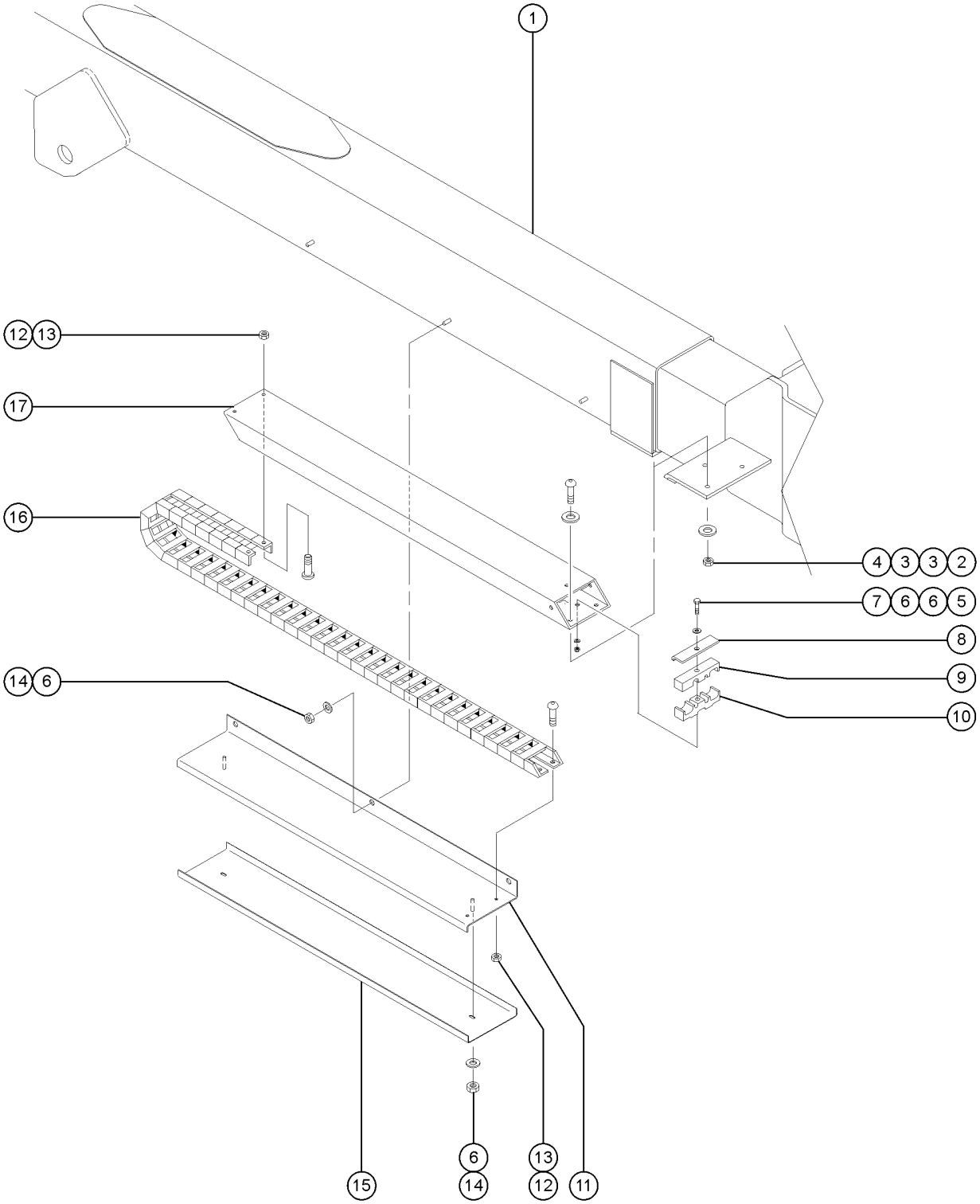
505.1 Cable Track (to SN Z452508A-37889 and Z452511B-1718), Z-45/25



505.1 Cable Track (to SN Z452508A-37889 and Z452511B-1718), Z-45/25

Item	Part No.	Description	Qty.
1		Ref. Primary Boom Tube Assembly (refer to Figure 504.1)	
2	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	54830GT	SCREW,BHSC,1/4-20 X .88,Y/ZINC	
5	6326GT	SCREW,HHC,3/8-16 X 3	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	106804PGT	BACKING, HOSE CLAMP PTD	2
9	106585GT	CLAMP,HOSE Z-45 PRIMARY	2
10	106581GT	CLAMP,JIB HOSE Z45	2
10-	107901GT	CLAMP, ARCTIC HOSE	
11A	54981GT	WELDMENT,CABLE TRACK TRAY,NJIB Z-45/25	
12	6091GT	NUT,NYLOCK,1/4-20	
13	14297GT	SCREW,BHHS,1/4-20 X .75	
14	7713GT	NUT, LP NYLOCK, 3/8-16	
15A	54985PGT	CHANNEL,CABLE TRACK COV,NONJ,P Z-45/25	
16A	50452GT	CABLE TRACK,PLASTIC,35 LINK Z-45/25	
16A-	58919GT	REPAIR LINK,7 LINKS*** for 50452	
16A-	58927GT	LINK,NYLATRAC KS6-5.4*** for 50452	
16A-	58920GT	REPAIR LINK END SET (42763)* for 50452	
17A	54460GT	TUBE,CABLE TRACK ARM NON-JIB Z-45/25	

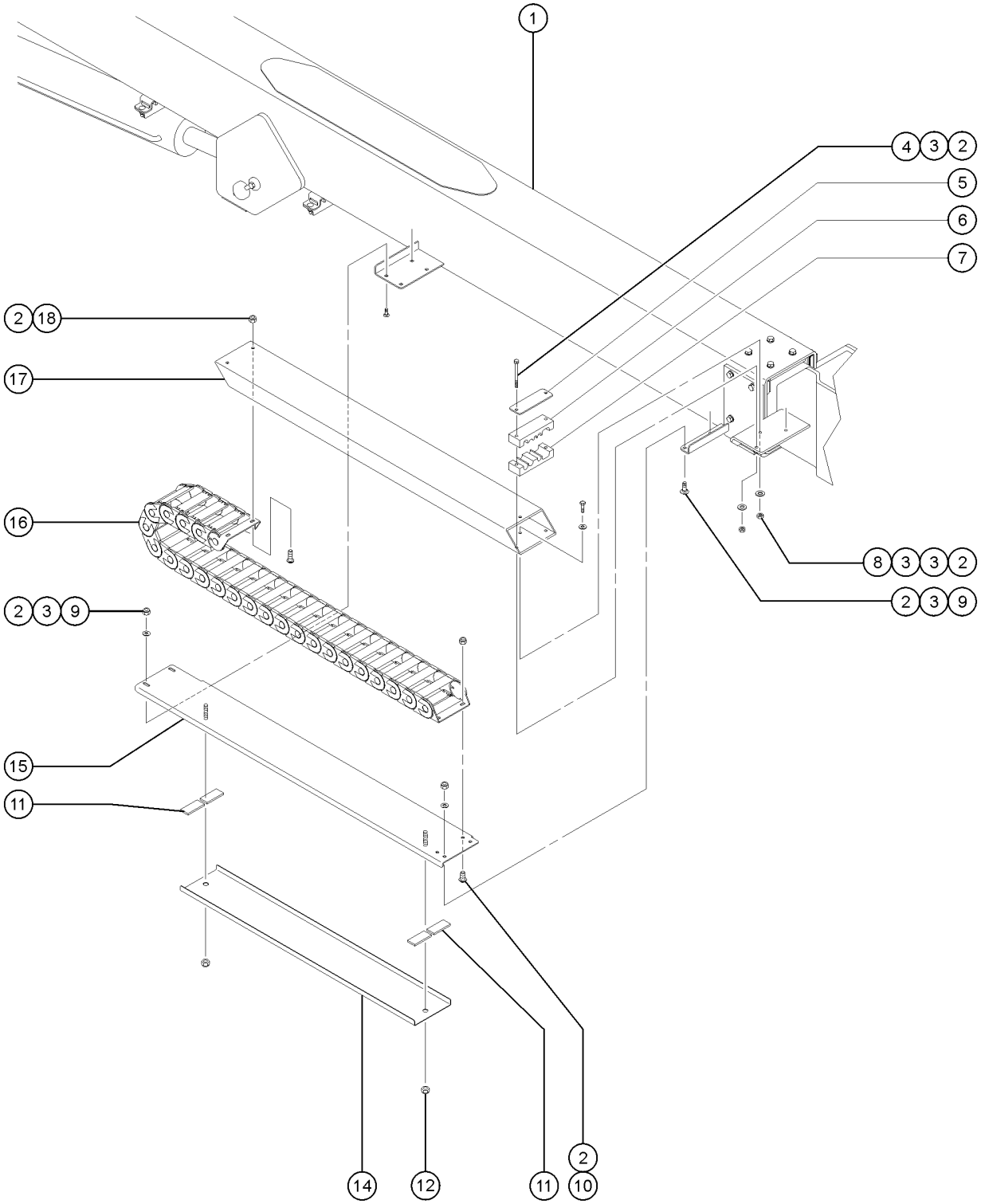
505.2 Cable Track (to SN Z452508A-37889 and Z452511B-1718), Z-45/25J



505.2 Cable Track (to SN Z452508A-37889 and Z452511B-1718), Z-45/25J

Item	Part No.	Description	Qty.
1		Ref. Primary Boom Tube Assembly (refer to Figure 504.1)	
2	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	54830GT	SCREW,BHSC,1/4-20 X .88,Y/ZINC	
5	6326GT	SCREW,HHC,3/8-16 X 3	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	106804PGT	BACKING, HOSE CLAMP PTD	2
9	106585GT	CLAMP,HOSE Z-45 PRIMARY	2
10	106581GT	CLAMP,JIB HOSE Z45	2
10-	107901GT	CLAMP, ARCTIC HOSE	
11B	54983GT	WLDMNT,CABLE TRACK TRAY,JIB Z-45/25J	1
12	6091GT	NUT,NYLOCK,1/4-20	
13	14297GT	SCREW,BHHS,1/4-20 X .75	
14	7713GT	NUT, LP NYLOCK, 3/8-16	
15B	54984PGT	CHANNEL,CABLE TRK COVER,JIB,PA Z-45/25J	1
16B	50451GT	CABLE TRACK,PLASTIC,26 LINK* Z-45/25J	1
16B-	58919GT	REPAIR LINK,7 LINKS*** for 50451	
16B-	58927GT	LINK,NYLATRAC KS6-5.4*** for 50451	
16B-	58920GT	REPAIR LINK END SET (42763)* for 50451	
17B	54461GT	TUBE,CABLE TRACK ARM,JIB Z-45/25J	1

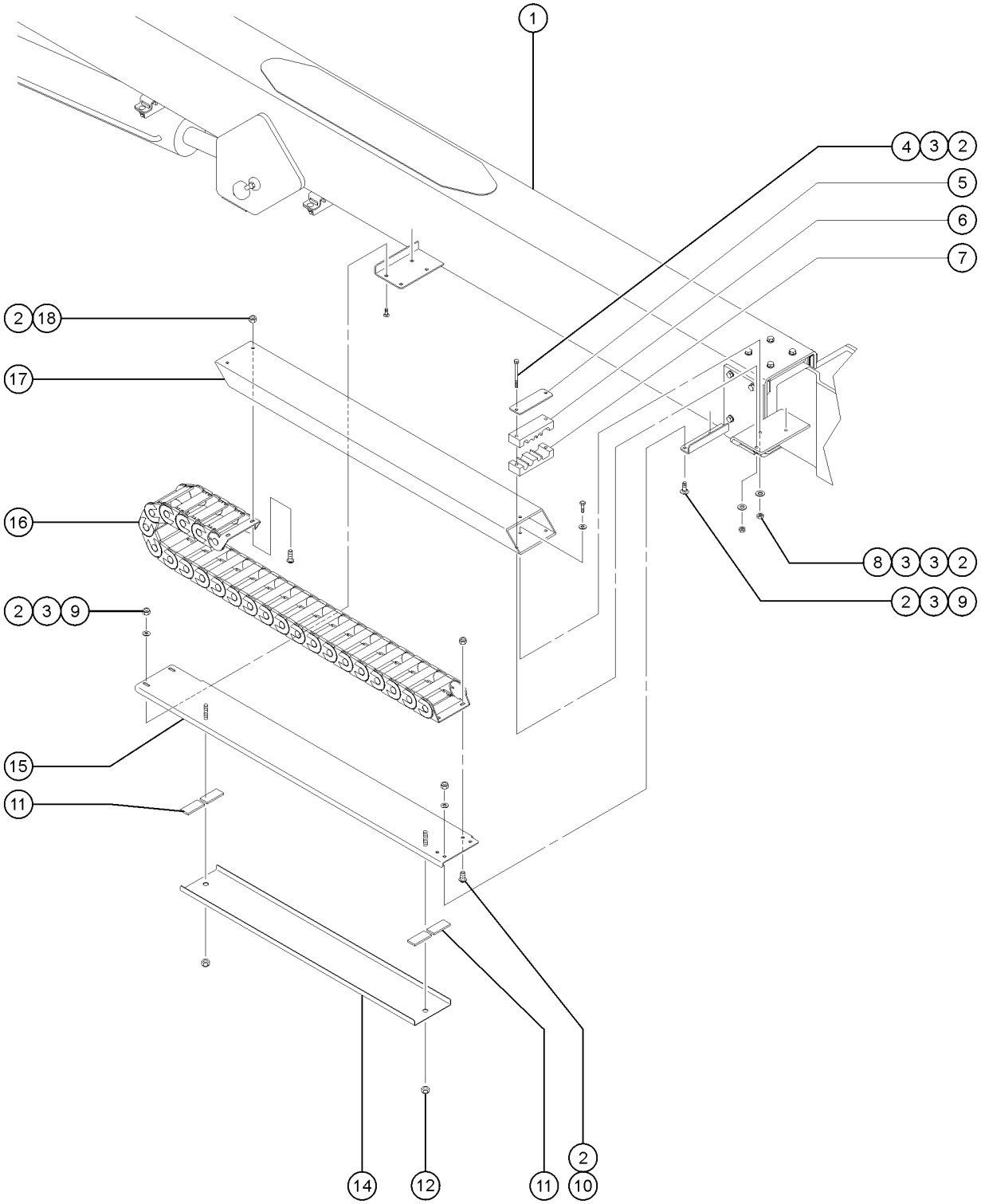
505.3 Cable Track (from SN Z452508A-37890 and Z452511B-1719), Z-45/25



505.3 Cable Track (from SN Z452508A-37890 and Z452511B-1719), Z-45/25

Item	Part No.	Description	Qty.
1		PRIMARY BOOM ASSY refer to section 504	
2	6091GT	NUT,NYLOCK,1/4-20	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	12343GT	SCREW,HHC,1/4-20 X 3	
5	128862GT	BACKING PLATE, PULLTUBE	1
6	128310GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
7	128311GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
10	12011GT	SCREW,BHHS,1/4-20 X .5,Y/ZINC	
11	54271GT	SPACER,HOSE CLAMP,RUBBER	4
12	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
13			
14A	128596GT	COVER, CABLETRACK TRAY, Z51 Z-45/25	1
15A	139779GT	WELDMENT, CABLETRACK TRAY Z-45/25	1
16A	50452GT	CABLE TRACK,PLASTIC,35 LINK Z-45/25 from SN Z452507A-34011 to Z452509A-38978	
16A-	58919GT	REPAIR LINK,7 LINKS*** for 50452	
16A-	58927GT	LINK,NYLATRAC KS6-5.4*** for 50452	
16A-	58920GT	REPAIR LINK END SET (42763)* for 50452	
16B	139701GT	CABLE TRACK, NP400, 31 LINK Z-45/25 from S452509A-38979	1
16B-	111052GT	REPAIR LINK,NP400-7*** for 139701	
16B-	111051GT	REPAIR LINK,7 LINKS NP400-7*** for 139701	
16B-	111053GT	REPAIR END BRKT SET,NP400-7*** for 139701	
17A	128597GT	TUBE, CABLETRACK ARM, Z51 Z-45/25	1
18	14297GT	SCREW,BHHS,1/4-20 X .75	

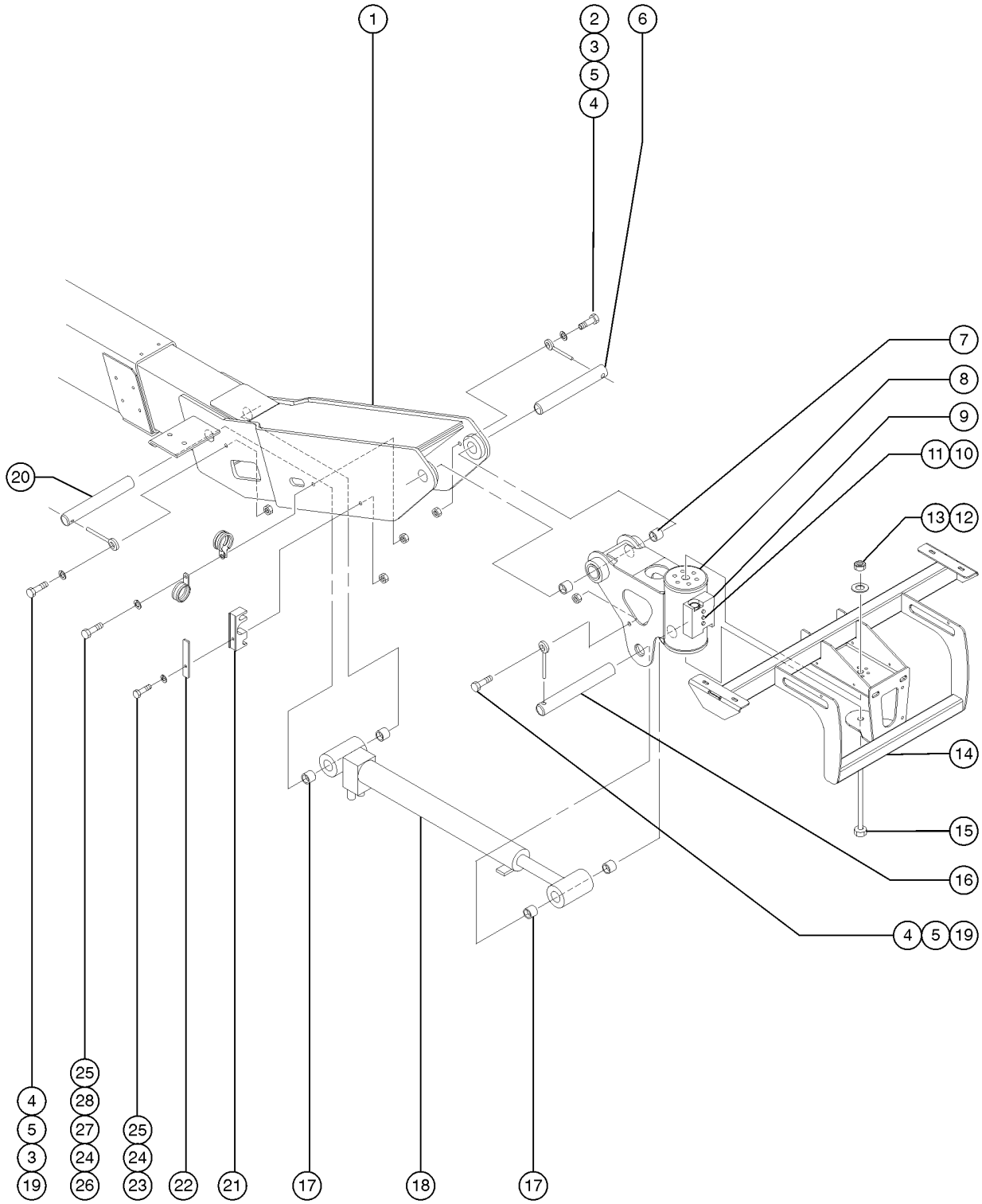
505.4 Cable Track (from SN Z452508A-37890 and Z452511B-1719), Z-45/25J



505.4 Cable Track (from SN Z452508A-37890 and Z452511B-1719), Z-45/25J

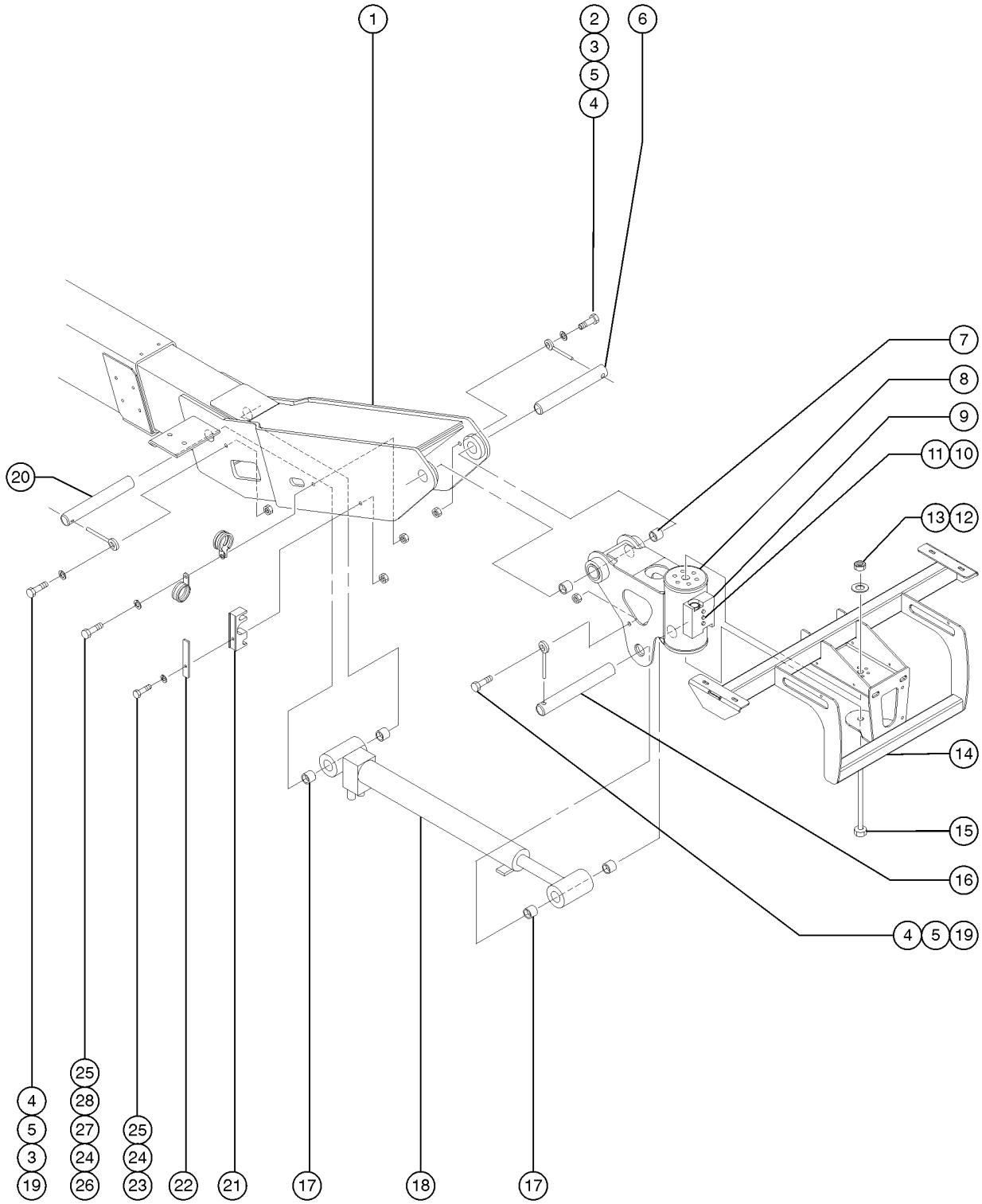
Item	Part No.	Description	Qty.
1		PRIMARY BOOM ASSY refer to section 504	
2	6091GT	NUT,NYLOCK,1/4-20	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	12343GT	SCREW,HHC,1/4-20 X 3	
5	128862GT	BACKING PLATE, PULLTUBE	1
6	128310GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
7	128311GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
10	12011GT	SCREW,BHHS,1/4-20 X .5,Y/ZINC	
11	54271GT	SPACER,HOSE CLAMP,RUBBER	4
12	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
13			
14B	128308GT	COVER,CABLETRACK TRAY,Z40/45 Z-45/25J	1
15B	139781GT	WELDMENT, CABLETRACK TRAY Z-45/25J	1
16C	50452GT	CABLE TRACK,PLASTIC,35 LINK Z-45/25J (from SN Z452507A-34011 to Z452509A-38978) (from SN Z452507B-101 to Z452511B-1718)	
16C-	58919GT	REPAIR LINK,7 LINKS*** for 50452	
16C-	58927GT	LINK,NYLATRAC KS6-5.4*** for 50452	
16C-	58920GT	REPAIR LINK END SET (42763)* for 50452	
16D	139702GT	CABLE TRACK, NP400, 23 LINK Z-45/25J (from SN Z452509A-38979) (from SN Z452511B-1719)	1
16D-	111052GT	REPAIR LINK,NP400-7*** for 139702	
16D-	111051GT	REPAIR LINK,7 LINKS NP400-7*** for 139702	
16D-	111053GT	REPAIR END BRKT SET,NP400-7*** for 139702	
17B	128309GT	TUBE, CABLETRACK ARM, Z40/45 Z-45/25J	1
18	14297GT	SCREW,BHHS,1/4-20 X .75	

506.1 Non-Jib Platform Leveling and Rotation, Z-45/25



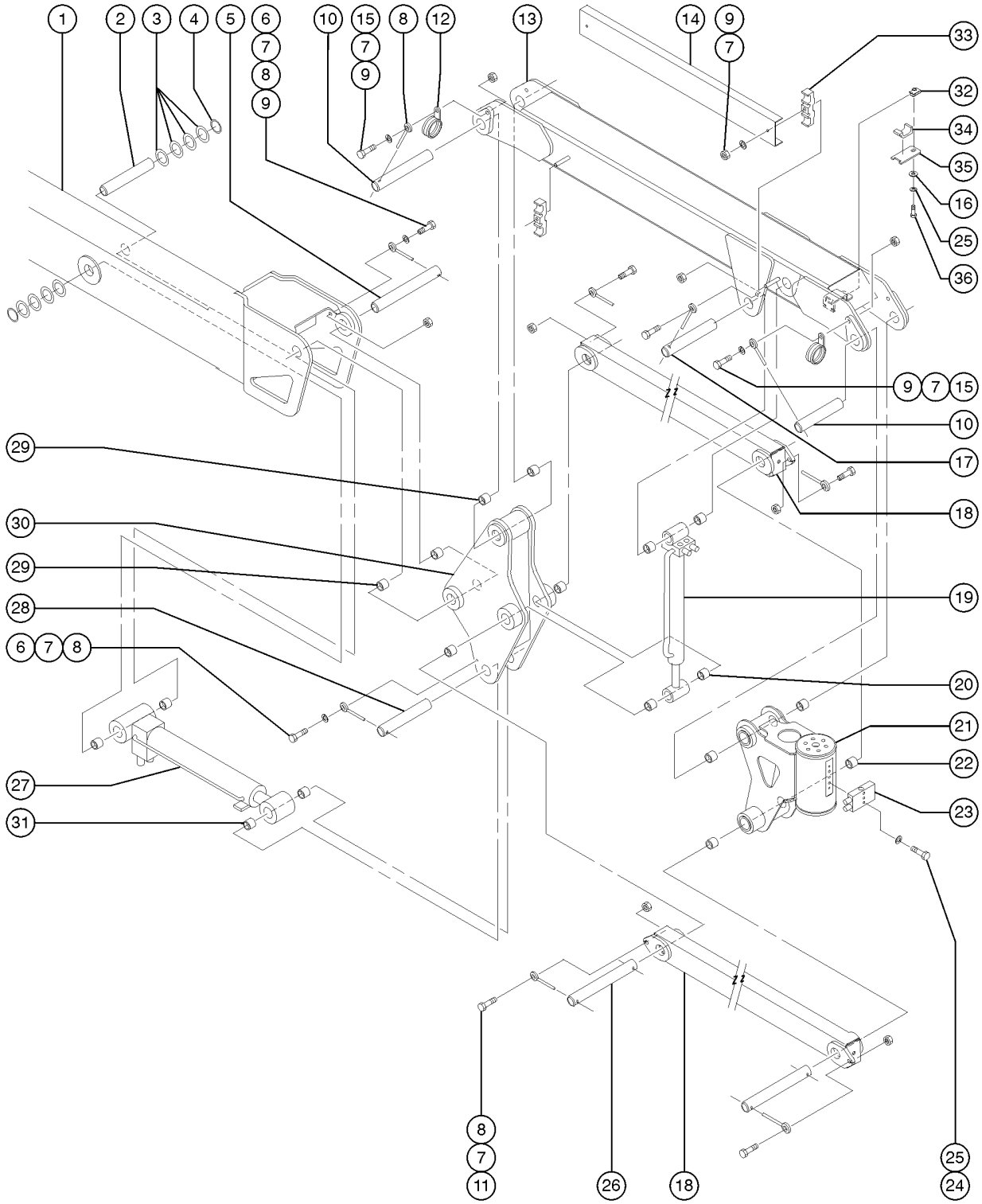
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1		Ref. Primary Extension Boom (refer to 504.1)	
2	8516GT	SCREW, HCC, 3/8-16 X 1.50	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	7713GT	NUT, LP NYLOCK, 3/8-16	
5	825019GT	ROD END, .375X3.69, ZAG	
6	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
7	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	2
8	233716GT	ROTATOR,PLAT,Z45 includes item 7; non-jib units	1
8-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for 233716	
8-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* for 94402	
9		Ref. Counterbalance Manifold (refer to 704.1)	
10	6145GT	SCREW, HHC, 1/4-20 X 1.5	
11	6356GT	WASHER, LOCK, .25	
12	77051GT	NUT,NYLOCK,3/4-10,GRD.8	1
13	33278GT	WASHER, FLAT, .75 HARDENED	1
14	54520-SGT	WELDMNT,PLATFRM SUPPORT,NJIB** refer to 907.1 for models with load sense option	1
15	56925GT	SCREW,HHC,3/4-10 X 9.5 GR 8 YE	1
16	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
17	25683GT	BEARING,POLYGON,20DU12	4
18	77363GT	CYLINDER,LEVELING,BELLCRANK,Z-45 includes item 17	1
18-	77364GT	SEAL KIT, LEVELING CYLINDER	
18-	54065GT	VALVE,COUNTERBALANCE,3500***	
19	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
20	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1
21A	106526GT	CLAMP,HOSE ROUTE,2X#4,LOOM (to SN 39070)	1
21B	139687GT	CLAMP, #4 HOSE, AIR AND LOOM (from SN 39071) (shown)	

506.1 Non-Jib Platform Leveling and Rotation, Z-45/25



Item	Part No.	Description	Qty.
22A	107595GT	BRACKET,HOSE CLAMP SUPPORT (to SN 39070)	1
22B	139688GT	BRACKET, HOSE CLAMP SUPPORT (from SN 39071) (shown)	
23	36294GT	SCREW,HHC,1/4-20 X 2.75	
24	6638GT	WASHER, FLAT, USS, 1/4"Y	
25	6091GT	NUT,NYLOCK,1/4-20	
26	6888GT	SCREW, HHC, 1/4-20 X 1	
27	21619GT	CLAMP,1.50,#24 X 1/4,RUB CUSH	
28	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	

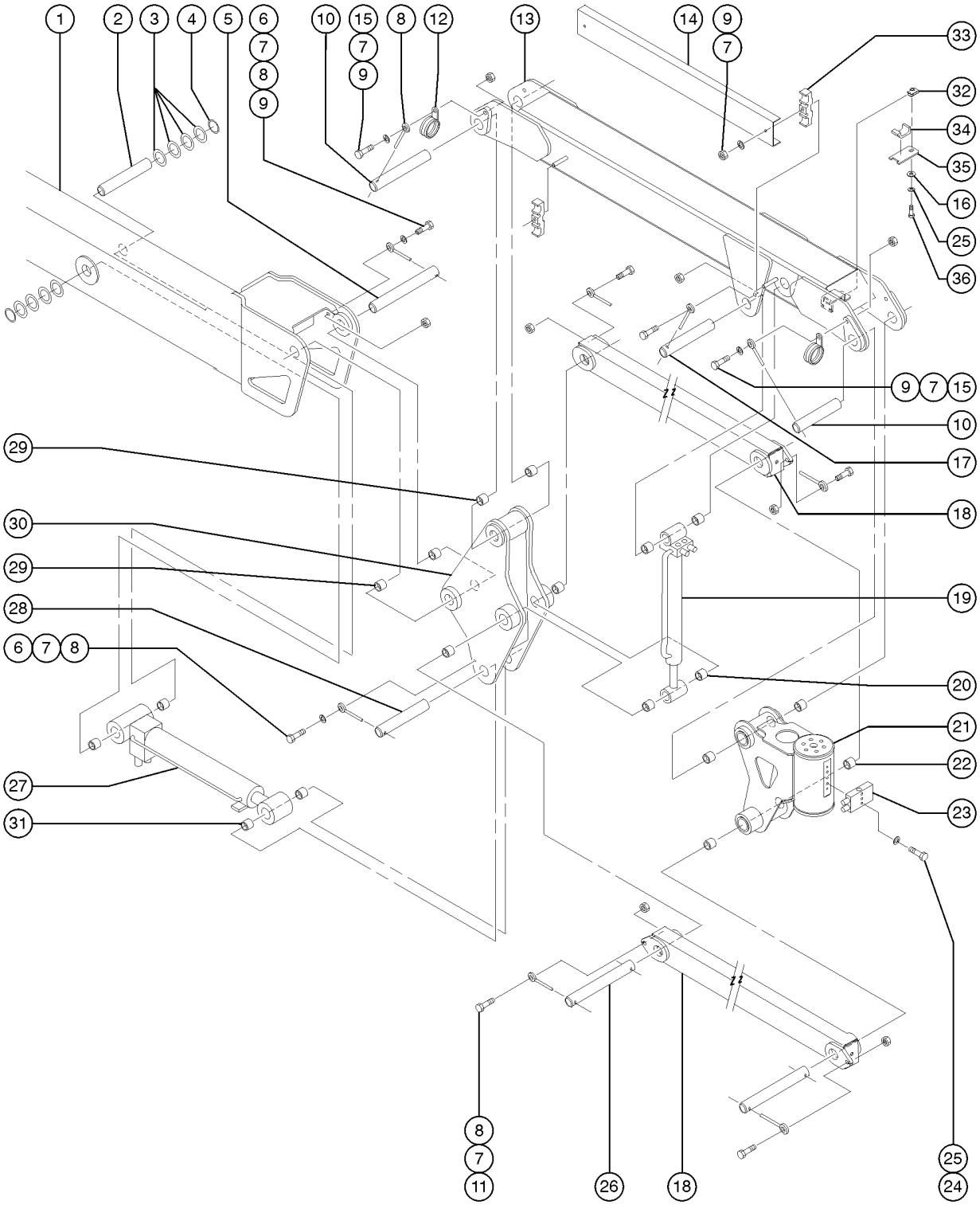
507.1 Jib Boom and Platform Leveling (to SN Z452508A-35743 and Z452508B-1360)



507.1 Jib Boom and Platform Leveling (to SN Z452508A-35743 and Z452508B-1360)

Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1		Ref. Primary and Extension Booms (refer to 504.1)	
2	50546GT	PIN,1.25DIAX6.36LG,2RING	1
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
4	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
5	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8	825019GT	ROD END, .375X3.69, ZAG	
9	4828GT	NUT, NYLOCK, 3/8-16	
10	T107883GT	PIN,1.25DIAX7.88LG,1HOLE	2
11	8516GT	SCREW, HCC, 3/8-16 X 1.50	
12	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
13		SERVICE KIT, 5FT JIB refer to section 507.2 for jib detail	1
14	106540PGT	CABLE COVER,JIB PAINTED	1
15	5224GT	SCREW,HHC,3/8-16 X 2	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1
18	61306-SGT	COMPR.LINK,MACHINED,GND CONTR*	2
19	54994GT	CYLINDER,JIB,Z45,#4 PORTS*** includes item 20	1
19-	65789GT	SEAL KIT (54994) for 54994	
19-	147283GT	SEAL KIT,147259 for 147259	
19-	50480GT	VALVE,COUNTERBALANCE,3800 PSI*	
19-	43018GT	SEAL KIT (39345) for 50480	
20	25683GT	BEARING,POLYGON,20DU12	4
21	233715GT	ROTATOR,PLAT,Z45J/Z51J includes items 6 and 22 (from SN Z4525A-43878 and from Z4525B-2432)	1
21-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* for 94401 (to SN Z4525A 43877 and to Z4525B-2431)	

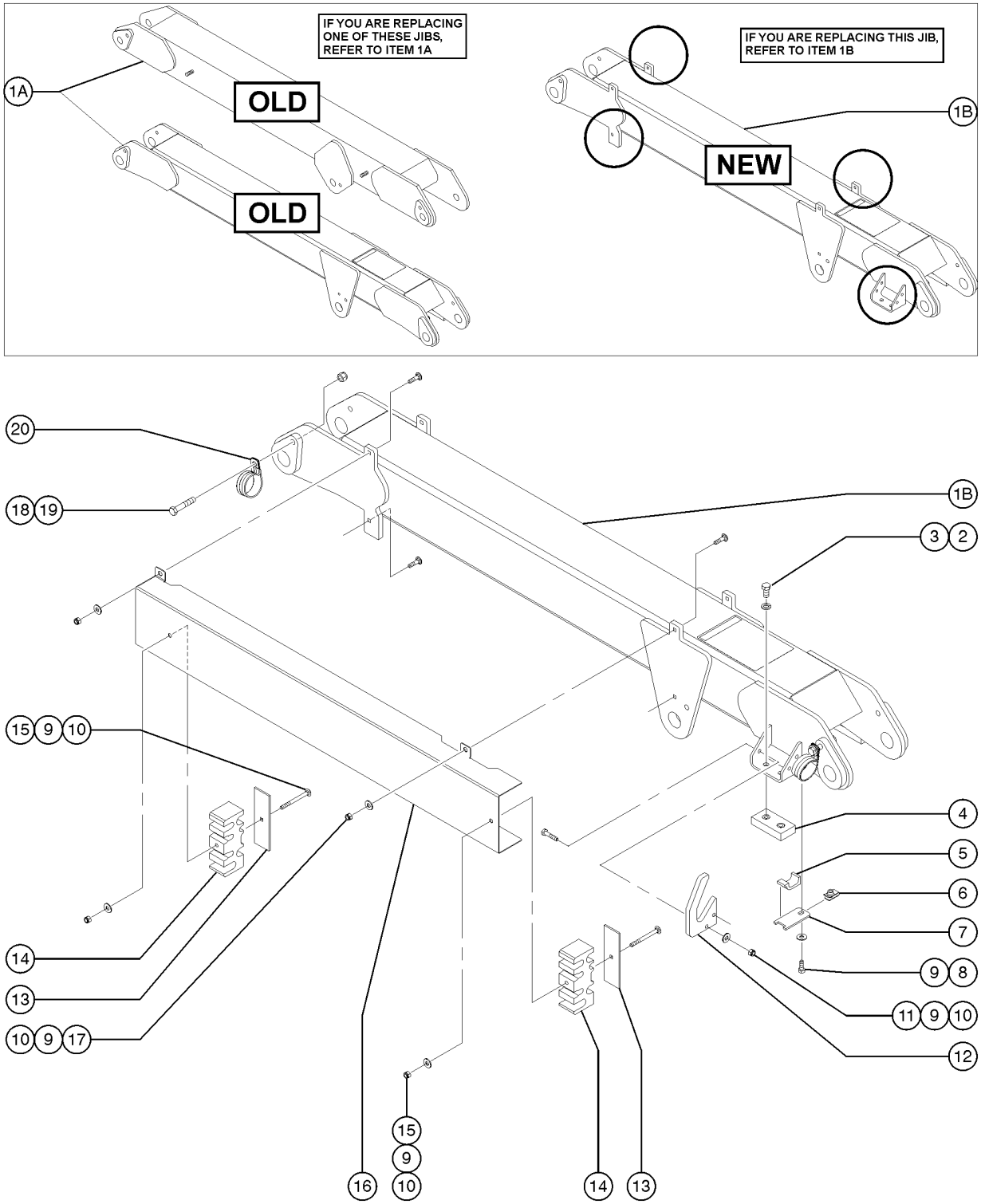
507.1 Jib Boom and Platform Leveling (to SN Z452508A-35743 and Z452508B-1360)



507.1 Jib Boom and Platform Leveling (to SN Z452508A-35743 and Z452508B-1360)

Item	Part No.	Description	Qty.
21-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for 233715 (from SN Z4525A-43878 and from Z4525B-2432)	
22	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
23		Ref. Counterbalance Manifold (refer to 703.1)	
24	8915GT	SCREW, HHC, 1/4-20 X 1.25	
25	6356GT	WASHER, LOCK, .25	
26	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
27	77363GT	CYLINDER,LEVELING,BELLCRANK,Z-45 includes item 31	1
27-	77364GT	SEAL KIT, LEVELING CYLINDER	
27-	54065GT	VALVE,COUNTERBALANCE,3500***	
28	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
29	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	6
30	50466-SGT	BELLCRANK,JIB,WELD/Z45/25*** includes item 29	1
31	25683GT	BEARING,POLYGON,20DU12	2
32	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
33	106581GT	CLAMP,JIB HOSE Z45	2
33-	107901GT	CLAMP, ARCTIC HOSE arctic option	
34	119542GT	CLAMP,TWO HOSE	1
35	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1
36	6888GT	SCREW, HHC, 1/4-20 X 1	

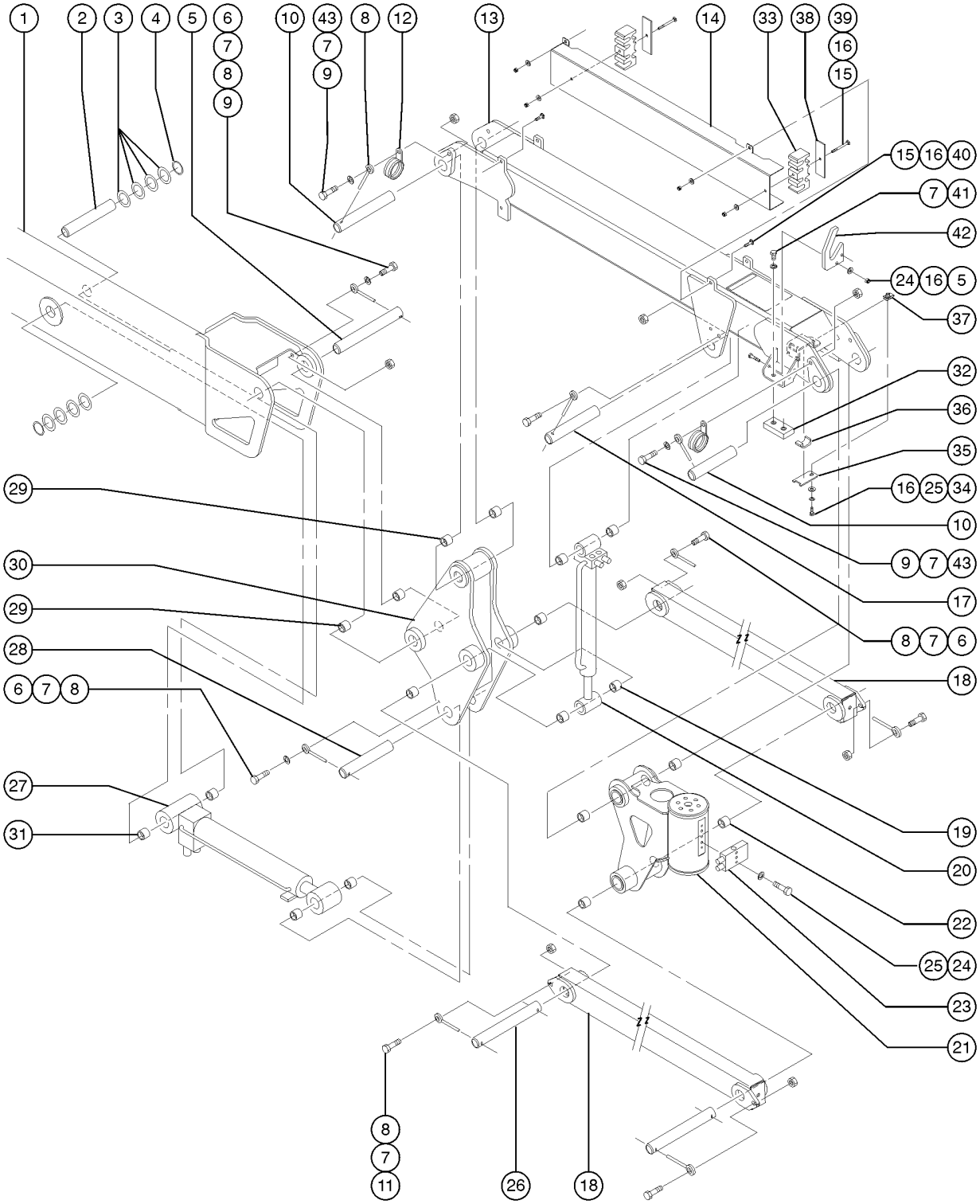
507.2 Jib Detail, Z-45/25J (to SN Z452508A-35743 and Z452508B-1360)



507.2 Jib Detail, Z-45/25J (to SN Z452508A-35743 and Z452508B-1360)

Item	Part No.	Description	Qty.
1A	128513GT	SERVICE KIT,5FT JIB required for first time replacement (includes part number 128534)	
1A-	128515GT	SERVICE KIT, 5FT JIB, ARCTIC required for first time replacement (includes part number 128534); arctic option	
1B	128534GT	JIB BOOM ASSY W/WORD DECAL use ONLY if service kit 128513 has been installed on the machine	1
2	8255GT	SCREW,HHC,3/8-16 X .75	
3	6021GT	WASHER, LOCK, .375	
4	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	1
5	119542GT	CLAMP,TWO HOSE	1
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
7	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1
8	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 For welder and airline to platform options only	1
13	128483GT	BACKING PLATE, HOSE BLOCK, JIB	2
14	128510GT	CLAMP,JIB HOSE/CABLE,Z45/51	2
15	128724GT	BOLT,CARRIAGE,1/4-20 X 2.75,G2	
16	128454PGT	COVER, JIB HOSES/CABLES	1
17	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	
18	5224GT	SCREW,HHC,3/8-16 X 2	
19	4828GT	NUT, NYLOCK, 3/8-16	
20	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	2

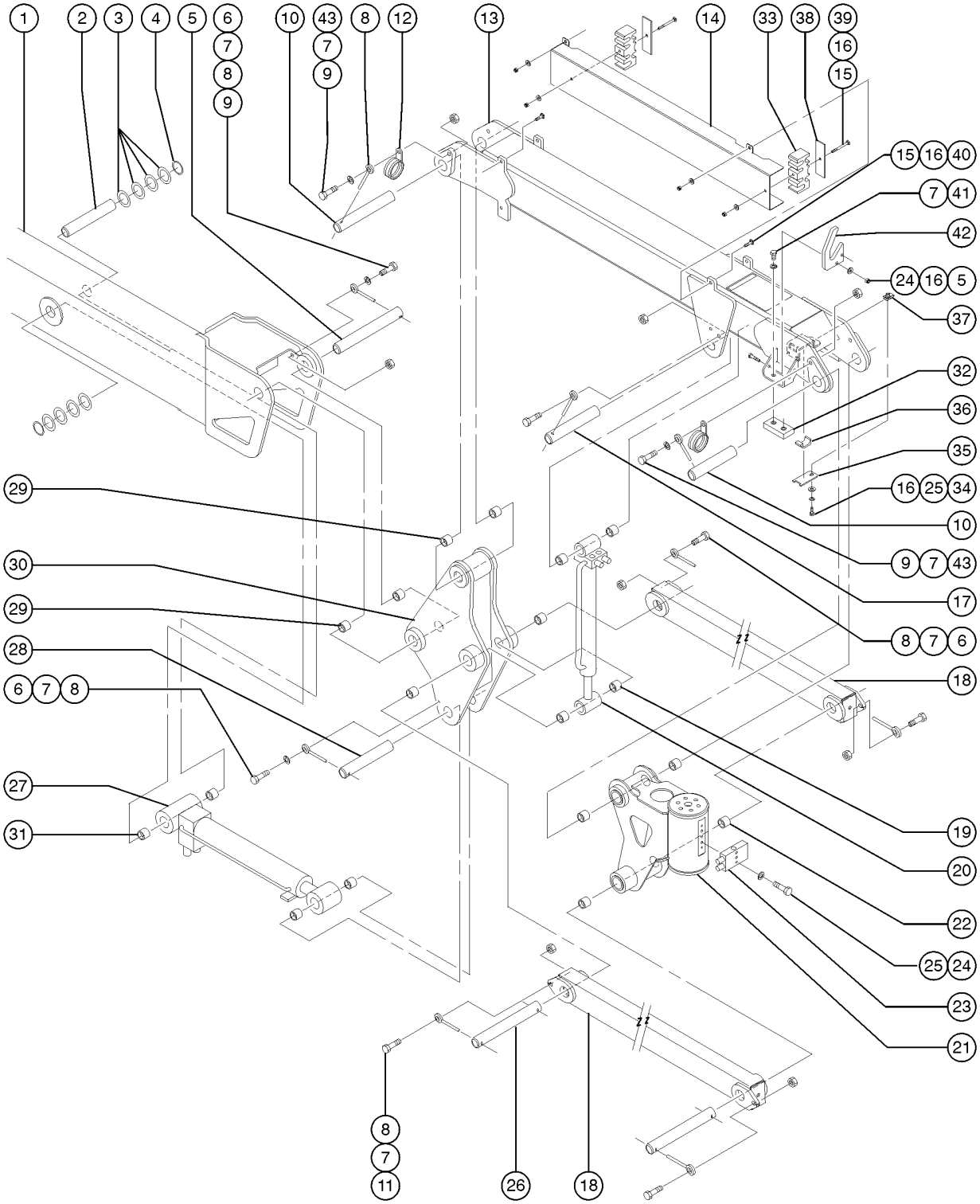
507.3 Jib Boom and Platform Leveling (from SN Z452508A-35744 and Z452508B-1361)



507.3 Jib Boom and Platform Leveling (from SN Z452508A-35744 and Z452508B-1361)

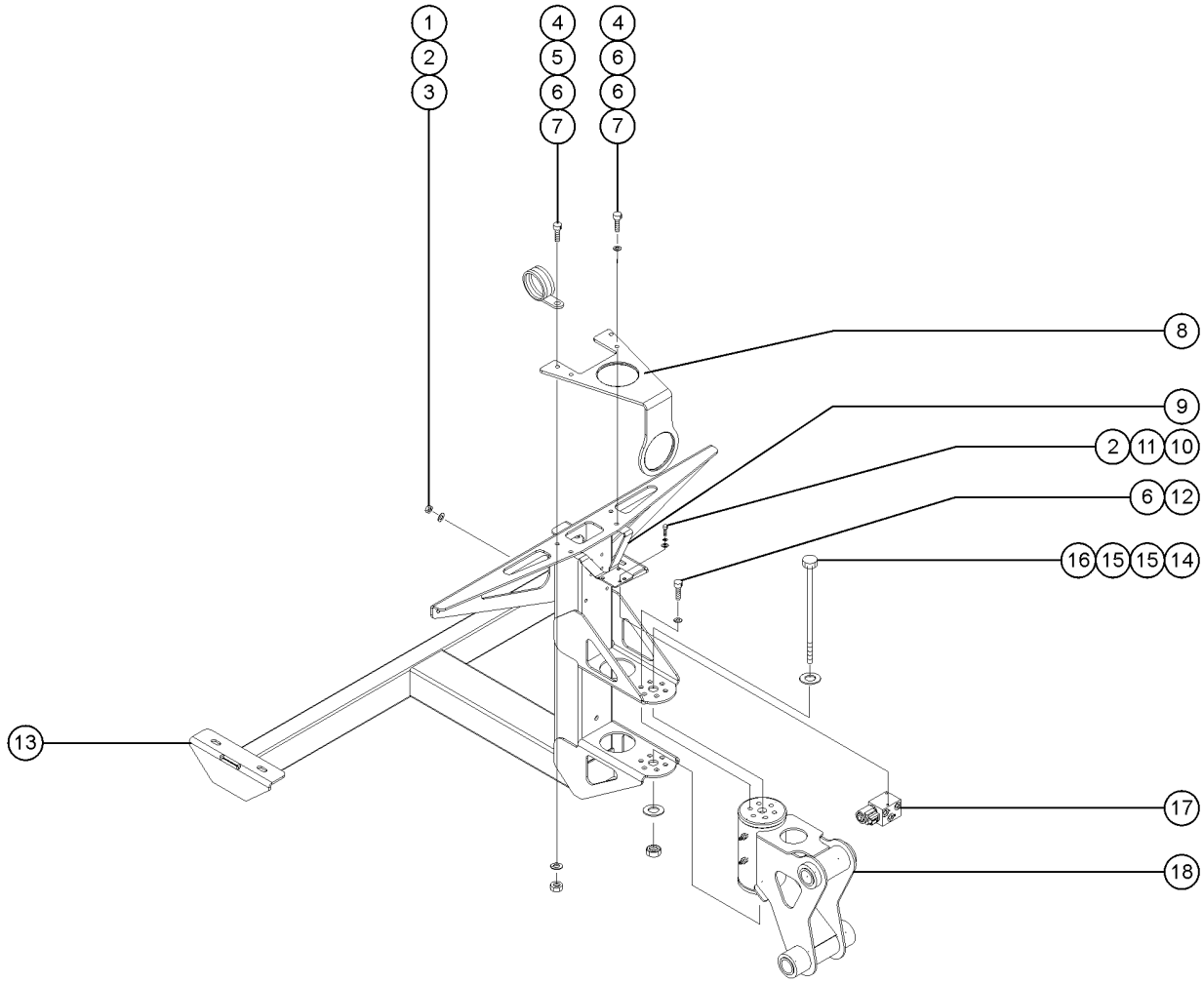
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1		Ref. Primary and Extension Booms refer to section 504.1	
2	50546GT	PIN,1.25DIAX6.36LG,2RING	1
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
4	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
5	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8	825019GT	ROD END, .375X3.69, ZAG	
9	4828GT	NUT, NYLOCK, 3/8-16	
10	T107883GT	PIN,1.25DIAX7.88LG,1HOLE	2
11	8516GT	SCREW, HCC, 3/8-16 X 1.50	
12	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
13	128534GT	JIB BOOM ASSY W/WORD DECAL	1
14	128454PGT	COVER, JIB HOSES/CABLES	1
15	6091GT	NUT,NYLOCK,1/4-20	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1
18	61306-SGT	COMPR.LINK,MACHINED,GND CONTR*	2
19	25683GT	BEARING,POLYGON,20DU12	4
20	54994GT	CYLINDER,JIB,Z45,#4 PORTS*** includes item 19	1
20-	65789GT	SEAL KIT (54994) for 54994	
20-	147283GT	SEAL KIT,147259 for 147259	
20-	50480GT	VALVE,COUNTERBALANCE,3800 PSI*	
20-	43018GT	SEAL KIT (39345) for 50480	
21	233715GT	ROTATOR,PLAT,Z45J/Z51J includes items 6 and 22 (from SN Z4525A-43878 and from Z4525B-2432)	1
21-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* for 94401 (to SN Z4525A-43877 and to Z4525B-2431)	

507.3 Jib Boom and Platform Leveling (from SN Z452508A-35744 and Z452508B-1361)

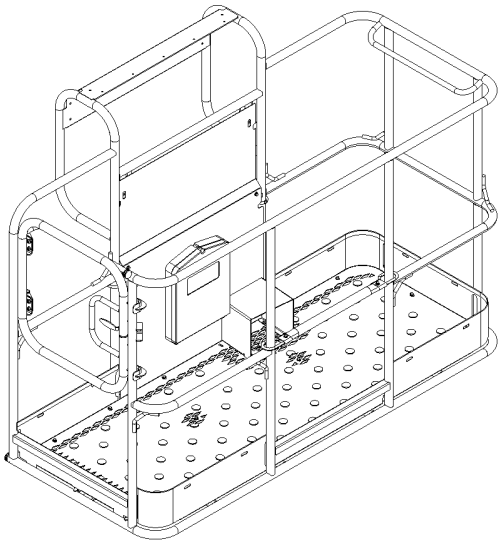


Item	Part No.	Description	Qty.
21-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for 233715 (from SN Z4525A-43878 and from Z4525B-2432)	
22	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
23		Ref. Counterbalance Manifold (refer to 703.1)	
24	8915GT	SCREW, HHC, 1/4-20 X 1.25	
25	6356GT	WASHER, LOCK, .25	
26	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
27	77363GT	CYLINDER,LEVELING,BELLCRANK,Z-45 includes item 31	1
27-	77364GT	SEAL KIT, LEVELING CYLINDER	
27-	54065GT	VALVE,COUNTERBALANCE,3500***	
28	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
29	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	6
30	50466-SGT	BELLCRANK,JIB,WELD/Z45/25*** includes item 29	1
31	25683GT	BEARING,POLYGON,20DU12	2
32	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	1
33	128510GT	CLAMP,JIB HOSE/CABLE,Z45/51	2
33-	128511GT	CLAMP,JIB HOSE/CABLE,ARCTIC Arctic Option	
34	6888GT	SCREW, HHC, 1/4-20 X 1	
35	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1
36	119542GT	CLAMP,TWO HOSE	1
36-	119994GT	CLAMP,TWO HOSE,ARCTIC Arctic Option	
37	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
38	128483GT	BACKING PLATE, HOSE BLOCK, JIB	2
39	128724GT	BOLT,CARRIAGE,1/4-20 X 2.75,G2	
40	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	
41	8255GT	SCREW,HHC,3/8-16 X .75	
42	128482GT	HOSE GUIDE, JIB (to SN Z452512B-2353)	1
43	5224GT	SCREW,HHC,3/8-16 X 2	

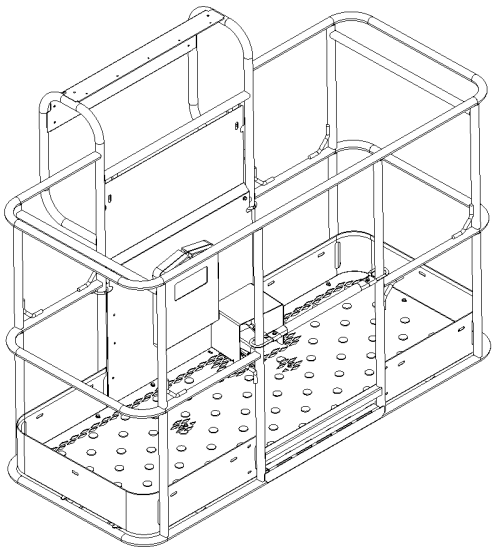
508.1 Platform Rotation and Support, Z-45/25J



Item	Part No.	Description	Qty.
1	6091GT	NUT,NYLOCK,1/4-20	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	36294GT	SCREW,HHC,1/4-20 X 2.75	
4	13000GT	SCREW,HHC,5/16-18 X 1.25	4
5	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	1
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	6782GT	NUT, NYLOCK, 5/16-18	
8	106163GT	FORMING,CABLE GUIDE order 55067 grommet separately	1
8-	55067GT	GROMMET,RUBBER 3 X .19 X 3.5	2
9	110671GT	PLATE,JIB,ROTATE MANIFOLD	1
10	6090GT	SCREW, HHC, 1/4-20 X .75	
11	6356GT	WASHER, LOCK, .25	
12	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	6
13	54510-SGT	WELDMENT,PLATFORM SUPPORT for models with the Platform Overload option, refer to 907.1	
14	56925GT	SCREW,HHC,3/4-10 X 9.5 GR 8 YE	1
15	33278GT	WASHER, FLAT, .75 HARDENED	
16	77051GT	NUT,NYLOCK,3/4-10,GRD.8	1
17		Ref. Jib Manifold Refer to 704.1	
18A		ROTATOR,PLAT,JIB (94401) to SN A43877, to SN B2431; for replacement, refer to 233715 below	1
18A-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* for 94401	
18B	233715GT	ROTATOR,PLAT,Z45J/Z51J from SN A43878	
18B-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for 233715	
18B-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L for 94401, 233715	4
18B-	88516GT	SCREW,BLEEDER,M5X0.8 for 94401, 233715	2



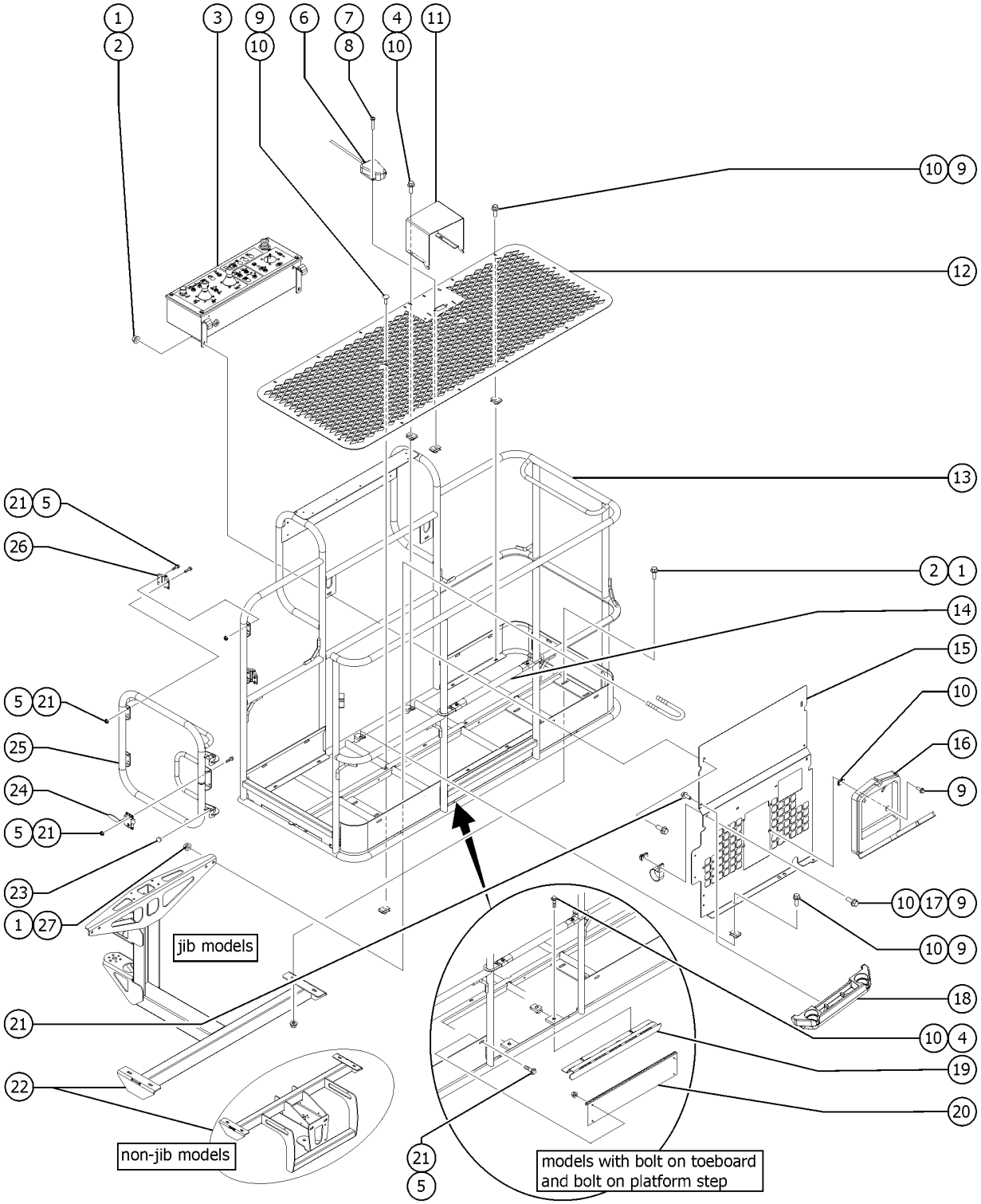
(1) Side Swing Gate Platform



(2) Front Single Entry Platform

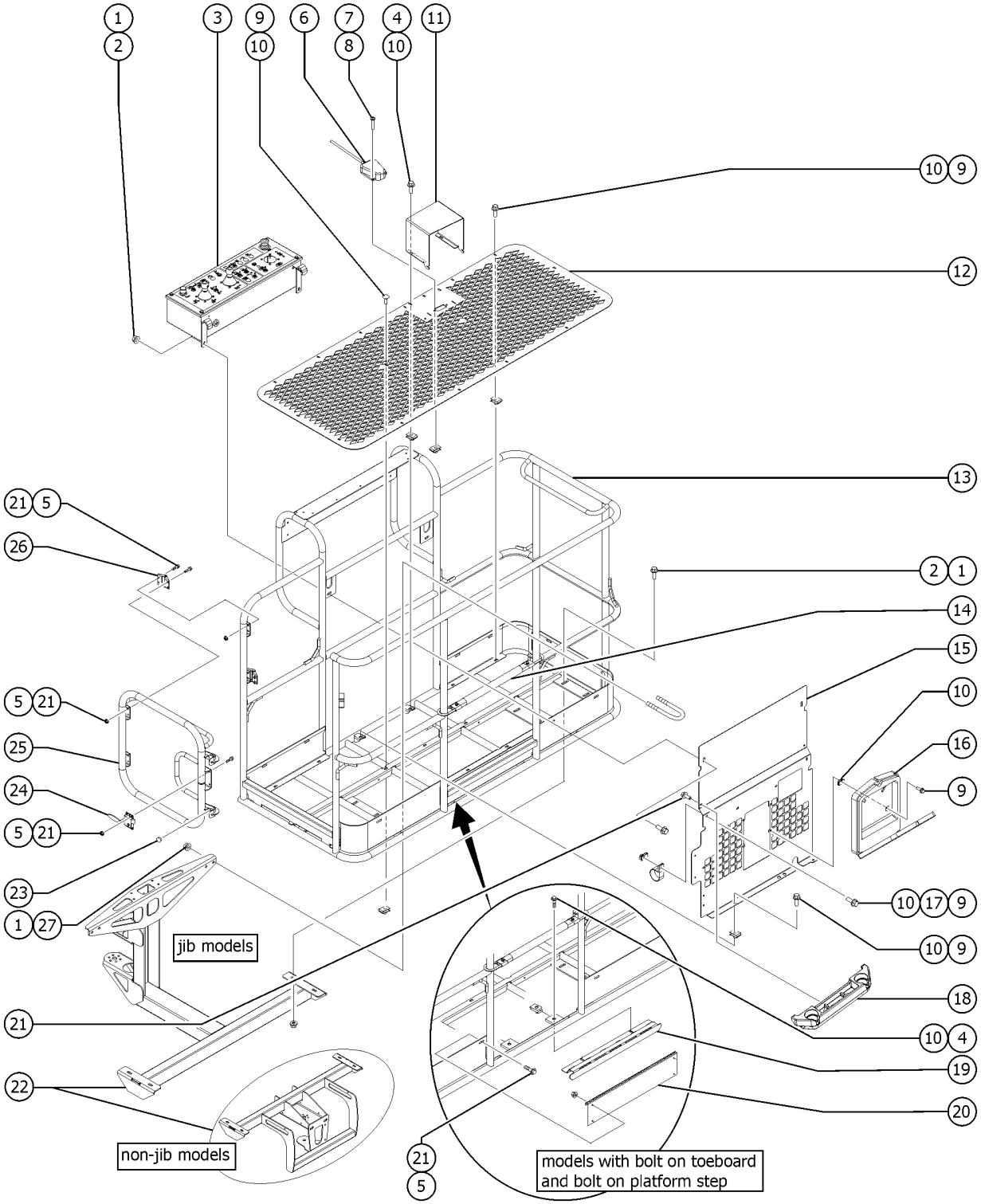
Item	Part No.	Description	Qty.
-		Complete Platform Assemblies with Decals	
A	1275398GT	PLAT ASSY,6' W/SIDE GATE,Z45IC/Z51 ANSI WORD USA and Canadian models	
B	1275399GT	PLAT ASSY,6’ W/SIDE GATE,Z45IC/Z51 AUS Australian models (to SN A-405549) (from SN B-101 to B-1725)	
C	1275400GT	PLAT ASSY,6’ W/SIDE GATE,Z45IC/Z51 AUS Australian models (from SN A-40560 to A-47000)(from SN B-101 to B-1725) (from SN D-101)	
D	1275395GT	PLAT ASSY,6' W/SIDE GATE,Z45/51 CE European model	
E	1275396GT	PLAT ASSY,6' W/SIDE GATE,Z45/51 ANSI SYM Asia/South America models	
-		Complete Platform Assemblies and Platform Weldments without Decals (refer to section 100 for decals)	
1	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK	
2A	161541GT	ASSY,4FT PLATFORM, NO DECALS Single entry	
2B	161542GT	ASSY,5FT PLATFORM, NO DECALS Single entry	
2C	160809GT	ASSY,6FT PLATFORM,NO DECALS Single entry	
-	73900GT	WELDMNT,6 FT PLATFORM flooring and decal plate not included	

602.1 Platform Components



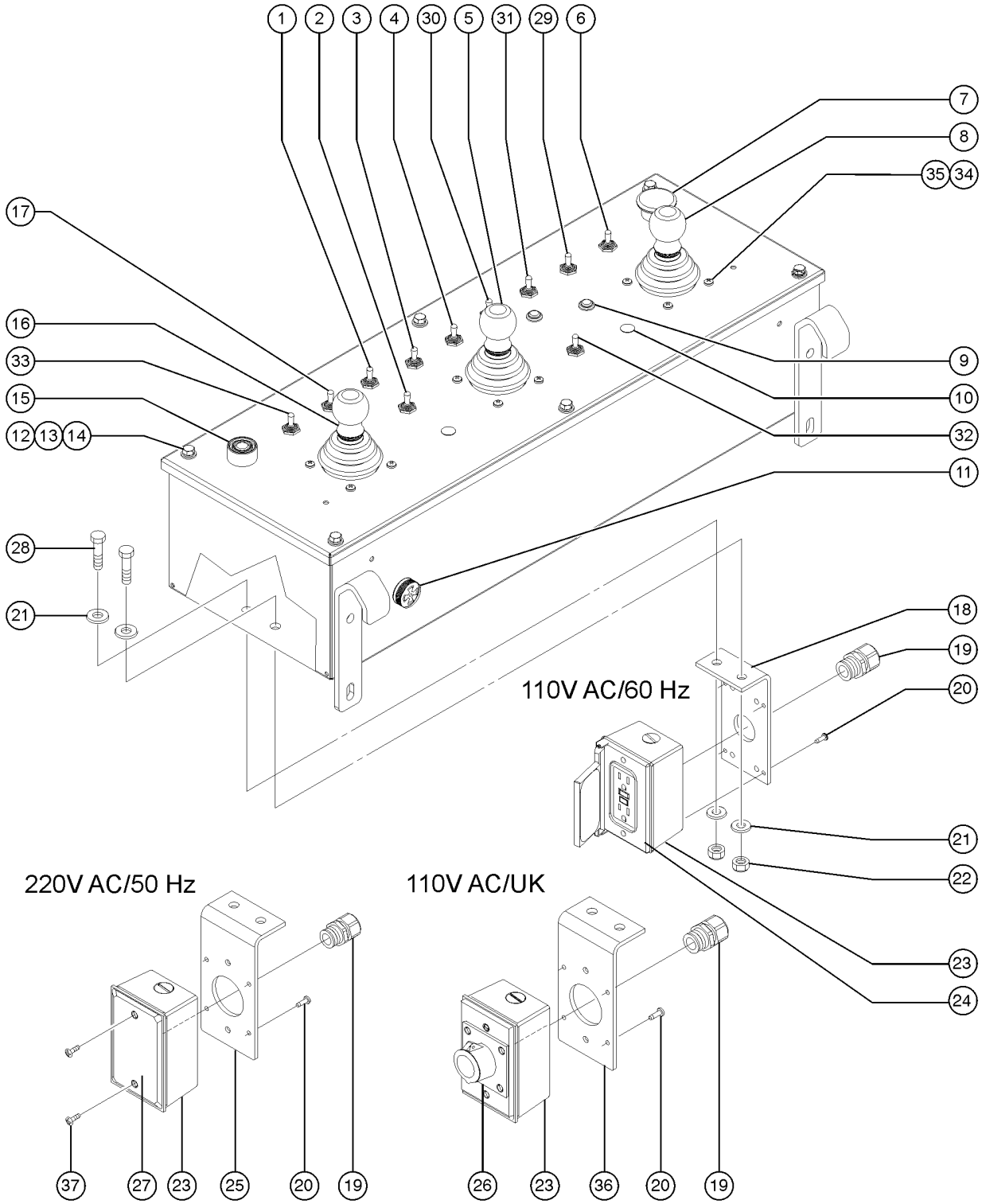
Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	
2	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
3		Ref. Platform Control Box (refer to 603.1 and 604.1)	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
6	73233GT	ASSEMBLY,FOOT SWITCH*** (to SN Z4512A-41836, to SN Z4512B-2061)	1
-	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP (for PN 73233)	
-	20262GT	MICROSWITCH,13482 FOOTSWITCH (for PN 73233)	
-	43960GT	WIRE CABLE,16/4 CON.TPE JKT (for PN 73233)	66 inches
-	73739GT	BOOT,PLUG 4 WAY (for PN 73233)	
7	1256460GT	SCREW,PHPM,10-24X1,ZAG	2
8	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	2
9	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
11	147121GT	COVER, FOOT SWITCH, LARGE	1
12A	1267746GT	FLOORING, 72X30 PLATFORM	1
12B	73477PGT	FLOORING, 6'FT PLATFORM (for single entry)	1
12C	54247PGT	FLOORING,5 FT PLATFORM,PAINTED	1
12D	60160PGT	FLOORING,4 FT PLATFORM,PAINTED	1
13		Ref. Platform Weldment (refer to 601.1)	1
14	102992GT	SLIDING MIDRAIL KIT,PTD (includes fasteners)	1
15A	1275088GT	FORMING, ALUM. DECAL PLATE	1
15B	89337GT	PLATFORM ASSY 8FT W/DECALS ANS (Painted, Steel)	1
16	24514GT	BOX, INSTRUCTION STORAGE** (decals not included, refer to section 100)	1
17	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	2
18	1289552GT	KIT, PLATFORM WORK TRAY	1
19	73610PGT	STEP PLATFORM ENTRY PAINTED***	1

602.1 Platform Components



Item	*Part No.*	*Description*	*Qty.*
20	94745GT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
21	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	
22A		Ref. Platform Support, non-jib (refer to 506.1)	1
22B		Ref. Platform Support, jib (refer to 508.1)	1
23	43392GT	BUMPER,BATTERY BOX & RAILS	2
24	1267747GT	LATCH, SWING GATE	1
25	1272307GT	ASSY,SIDE SWING GATE	1
26	104804GT	HINGE, SPRING, LONG LEG	2
27	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2

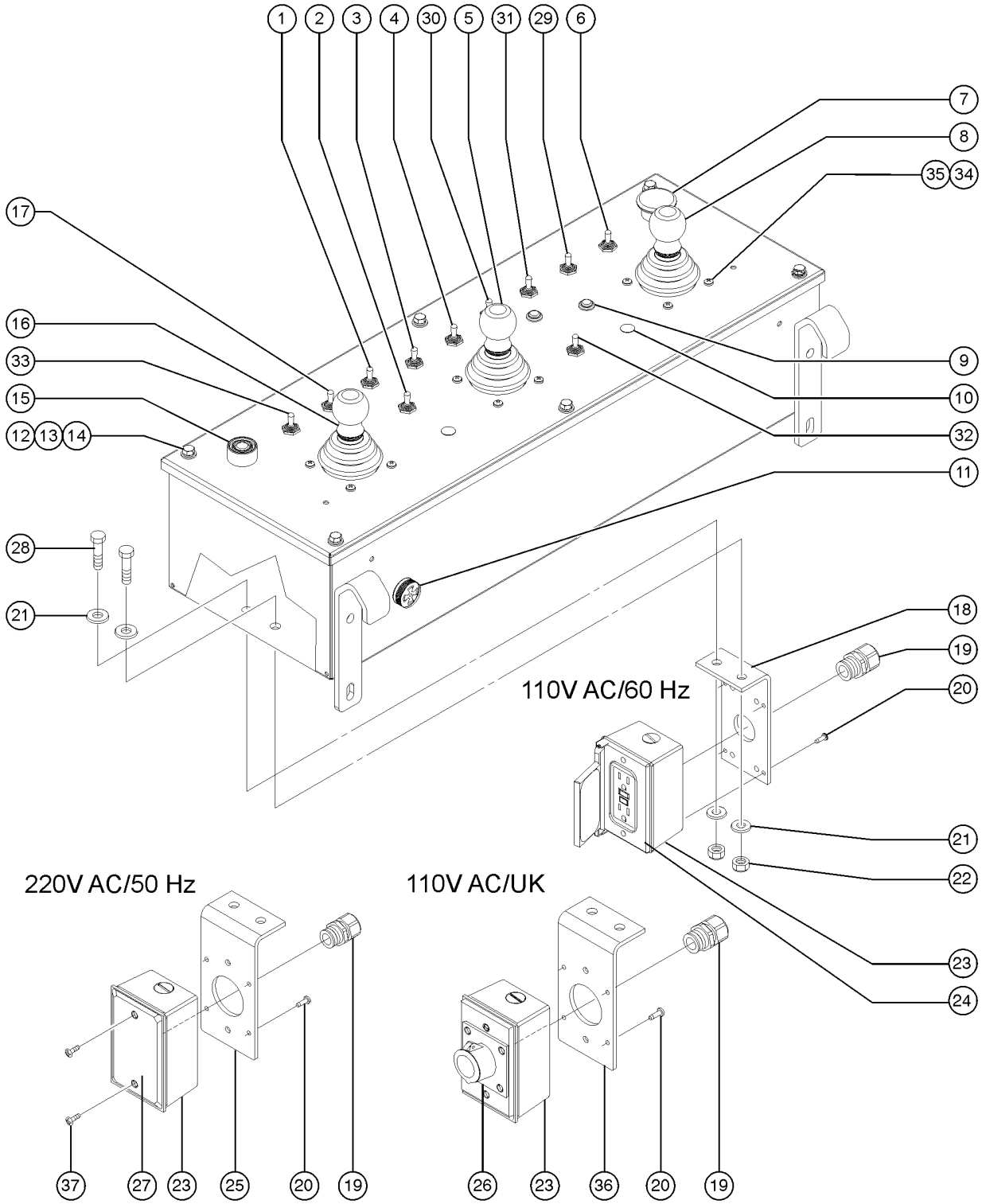
603.1 Platform Control Box - View 1, Z-45/25



603.1 Platform Control Box - View 1, Z-45/25

Item	Part No.	Description	Qty.
	110388GT	PLAT. CONTROL BOX W/DECAL***	
	81488GT	GASKET,PLATFORM CONTROL BOX	
	T108153GT	HARNESS KIT,Z45/51 PLAT BOX includes three adapter cables	
1A	45384GT	PLUG,NYLON .50 BLACK DOMED (Z-45/25) from SN 34011 to 41670	
1B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (Z-45/25) from SN 41671	
2A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary Boom Ext/Ret; includes boot and hardware	1
2B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
2B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
2B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
3A	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary Power; includes boot and hardware	1
3B	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
3B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
3B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
4A	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Drive Speed; includes boot and hardware	1
4B	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
4B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
4B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
5		Ref. Joystick Controller, Single Axis (refer to 604.1 and 604.2)	
6A	45384GT	PLUG,NYLON .50 BLACK DOMED Diesel models from SN 34011 to 41670	1
6B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Diesel models from SN 41671	
6C	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select (Gasoline/LPG models); includes boot and hardware	1
6D	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
6D-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
6D-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
7	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
7-	94506GT	BASE,W/3 NC CONTACTS includes 3 N.C. contacts	1
7-	66818GT	CONTACT,NC	
7-	146478GT	BOOT(BELLOWS),E-STOP,BLACK (from SN 39986)	

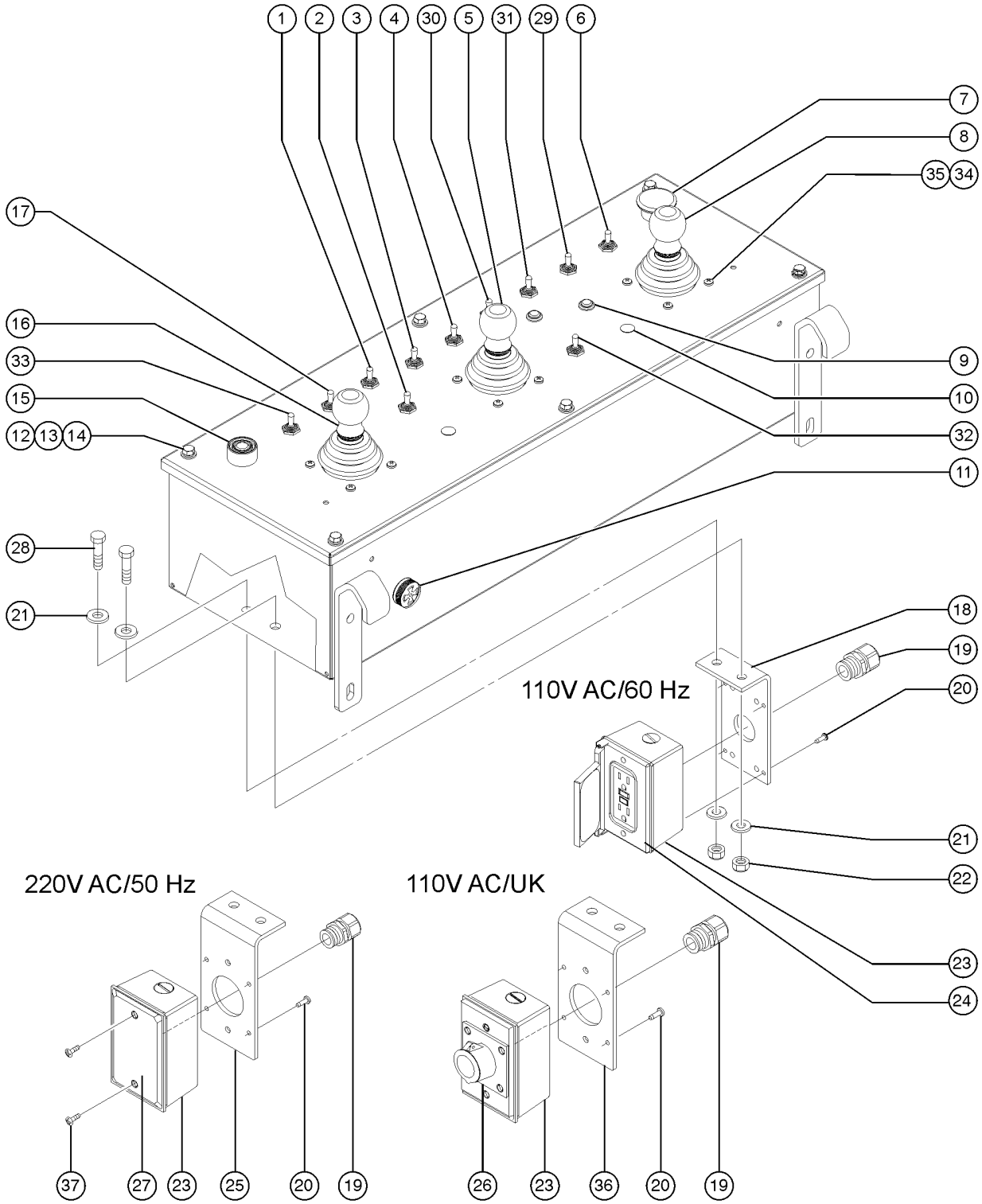
603.1 Platform Control Box - View 1, Z-45/25



603.1 Platform Control Box - View 1, Z-45/25

Item	Part No.	Description	Qty.
8A		Ref. Joystick Controller, Multi-Axis (standard)	
8B		Ref. Joystick Controller, Single Axis, with thumb rocker switch (optional)	
9	824879GT	LIGHT,LED IND. RED 12V NH	2
10A	45384GT	PLUG,NYLON .50 BLACK DOMED Gasoline/LPG models from SN 34011 to 41670	2
10B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Gasoline/LPG models from SN 41671	
10C	824879GT	LIGHT,LED IND. RED 12V NH Diesel models	1
10C-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
11	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
11-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
12	8914GT	SCREW, HHC, 1/4-20 X .625	
13	6356GT	WASHER, LOCK, .25	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
15-	66815GT	BASE, W/1 N.O. CONTACTS*** includes 1 N.O. contact	
15-	66816GT	CONTACT,N.O.***	
16		Ref. Joystick Controller, Multi-Axis (refer to 604.1 and 604.2)	
17A	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate; includes boot and hardware	1
17B	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
17B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
17B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
18	81096GT	BRACKET,POWER TO PLAT, DOM	1
19	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	2
19-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
20A	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP	
21	5397GT	WASHER, FLAT, USS, 5/16-18	
22	4828GT	NUT, NYLOCK, 3/8-16	
23	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
24	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1

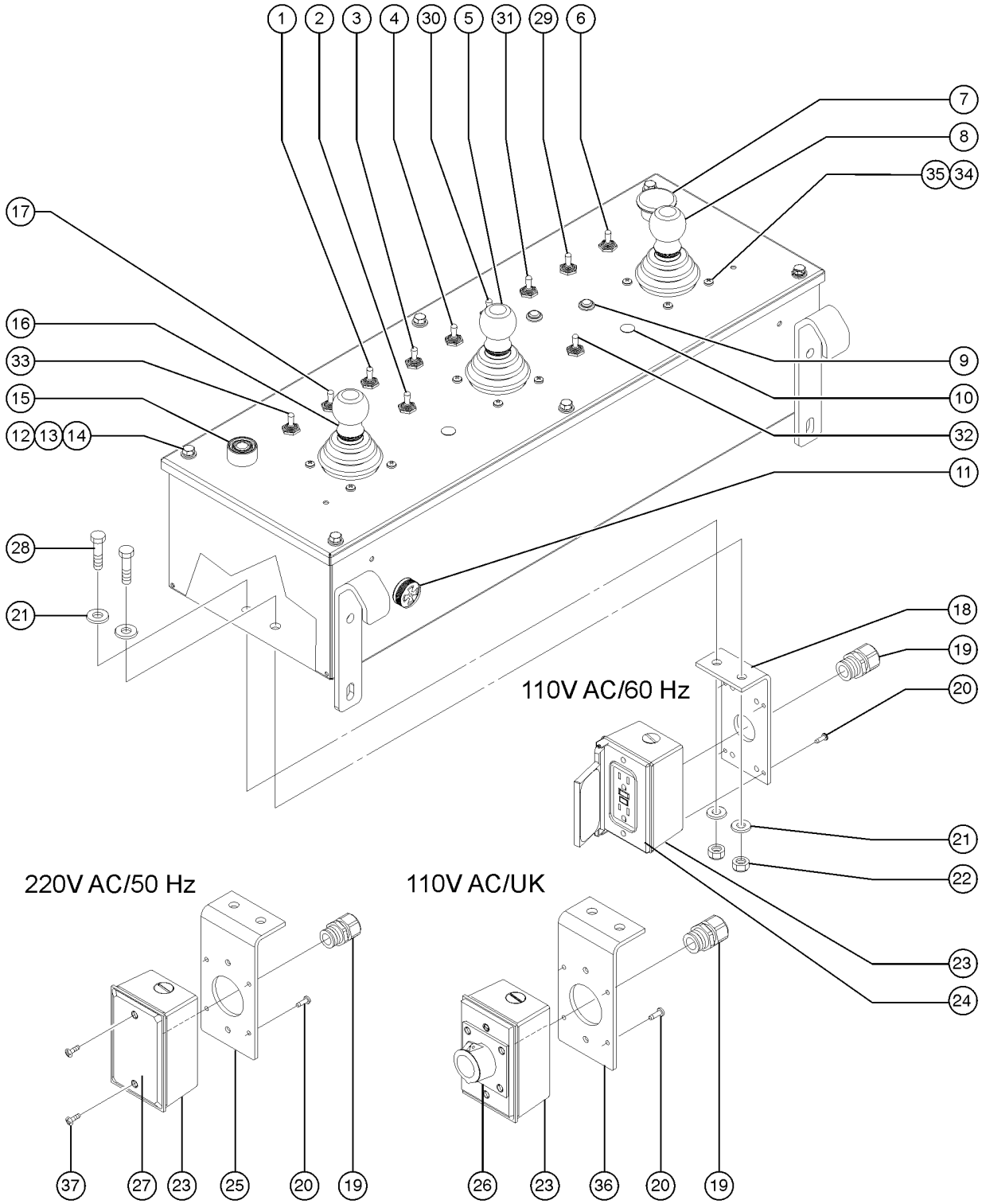
603.1 Platform Control Box - View 1, Z-45/25



603.1 Platform Control Box - View 1, Z-45/25

Item	Part No.	Description	Qty.
24-	13585GT	OUTLET, 110V USA/Canada	
24-	80543GT	RECEPTACLE, 120VAC, 20A, GFCI USA/Canada	
25	81096GT	BRACKET,POWER TO PLAT, DOM	1
26A	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT (Europe) to SN 43389 (need for first time replacement)	1
26A-	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP for 67506	4
26A-	T112560GT	RECEPTACLE,UK,110V	1
26A-	T112561GT	PLATE,UK,POWER TO PLAT	
26A-	63375GT	SCREW, FHM, 6-32 X .75 for T112561	2
26A-	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	
26B	T112560GT	RECEPTACLE,UK,110V from SN 43390	1
27	10777GT	COVER,BLANK	1
27-	81458GT	GASKET, UK POWER TO PLAT	
28	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
29A	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select (Gasoline/LPG models); includes boot and hardware	
29B	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
29B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
30A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow Plug; includes boot and hardware	1
30A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
30B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
30B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
30B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
30B-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
31A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start; includes boot and hardware	1
31A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
31A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
31B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
31B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

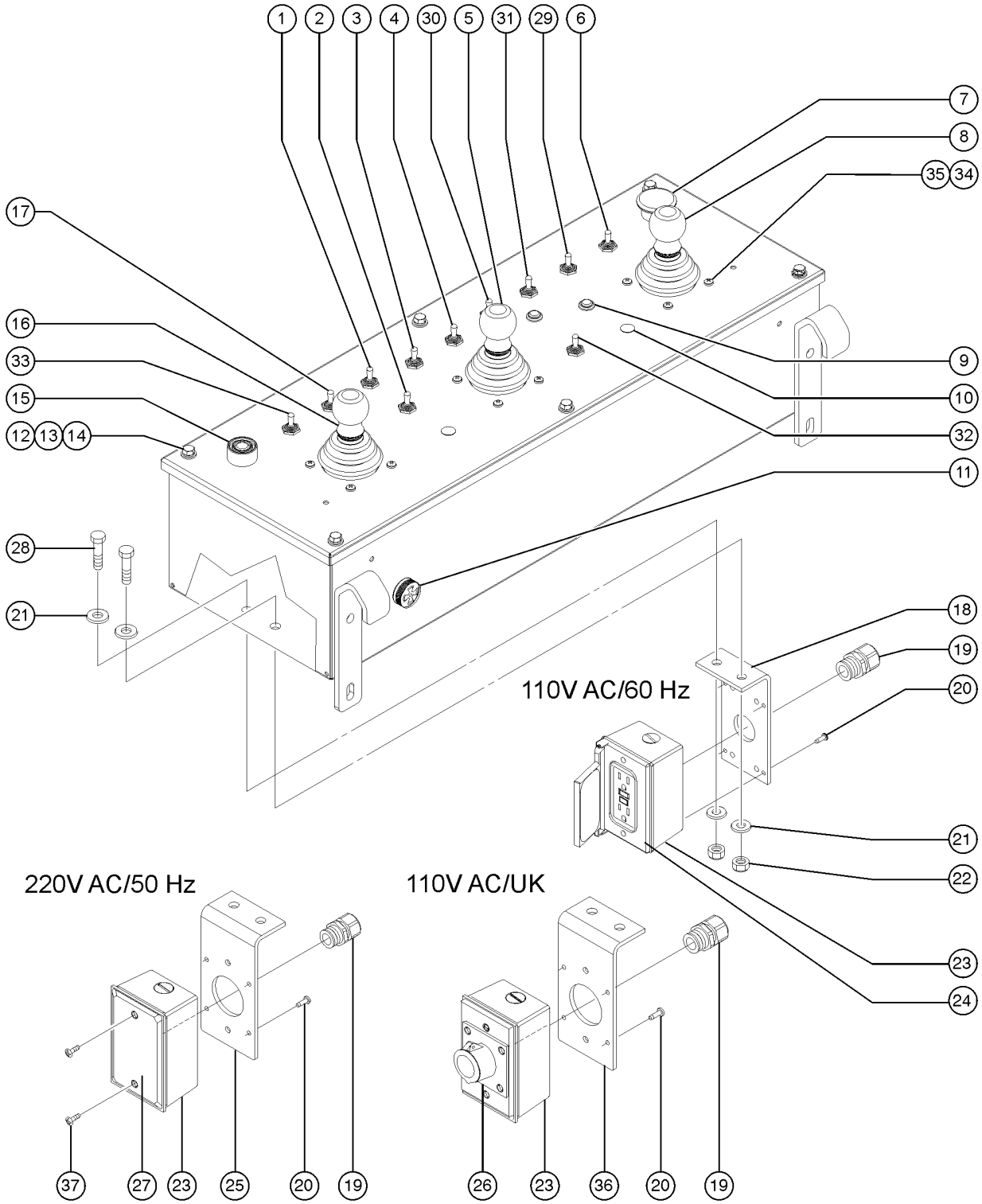
603.1 Platform Control Box - View 1, Z-45/25



603.1 Platform Control Box - View 1, Z-45/25

Item	Part No.	Description	Qty.
31B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
32A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Enable; includes boot and hardware	1
32B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
32B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
32B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
33A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform Level; includes boot and hardware	1
33B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
33B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
33B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
34A	62385GT	SCREW,PHM,M5X.8X10MM SELF TAP to SN Z452508A-37951; to SN Z452508B-1415	
34B	139338GT	SCREW PH M5-0.8X20 DIN 7500CE from SN Z452508A-37952; from SN Z452508B-1416	
35A	6178GT	NUT, NYLOCK, 10-32 to SN Z452508A-37951; to SN Z452508B-1415	
35B	104030GT	NUT HEX M5-0.8 CLASS 8 ZINC from SN Z452508A-37952; from SN Z452508B-1416	
36A	81570GT	BRACKET,POWER TO PLAT, UK to SN Z452508A-37127; to SN Z452508B-1483	1
36B	81096GT	BRACKET,POWER TO PLAT, DOM from SN Z452508A-37128; from SN Z452508B-1484	
37	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	2

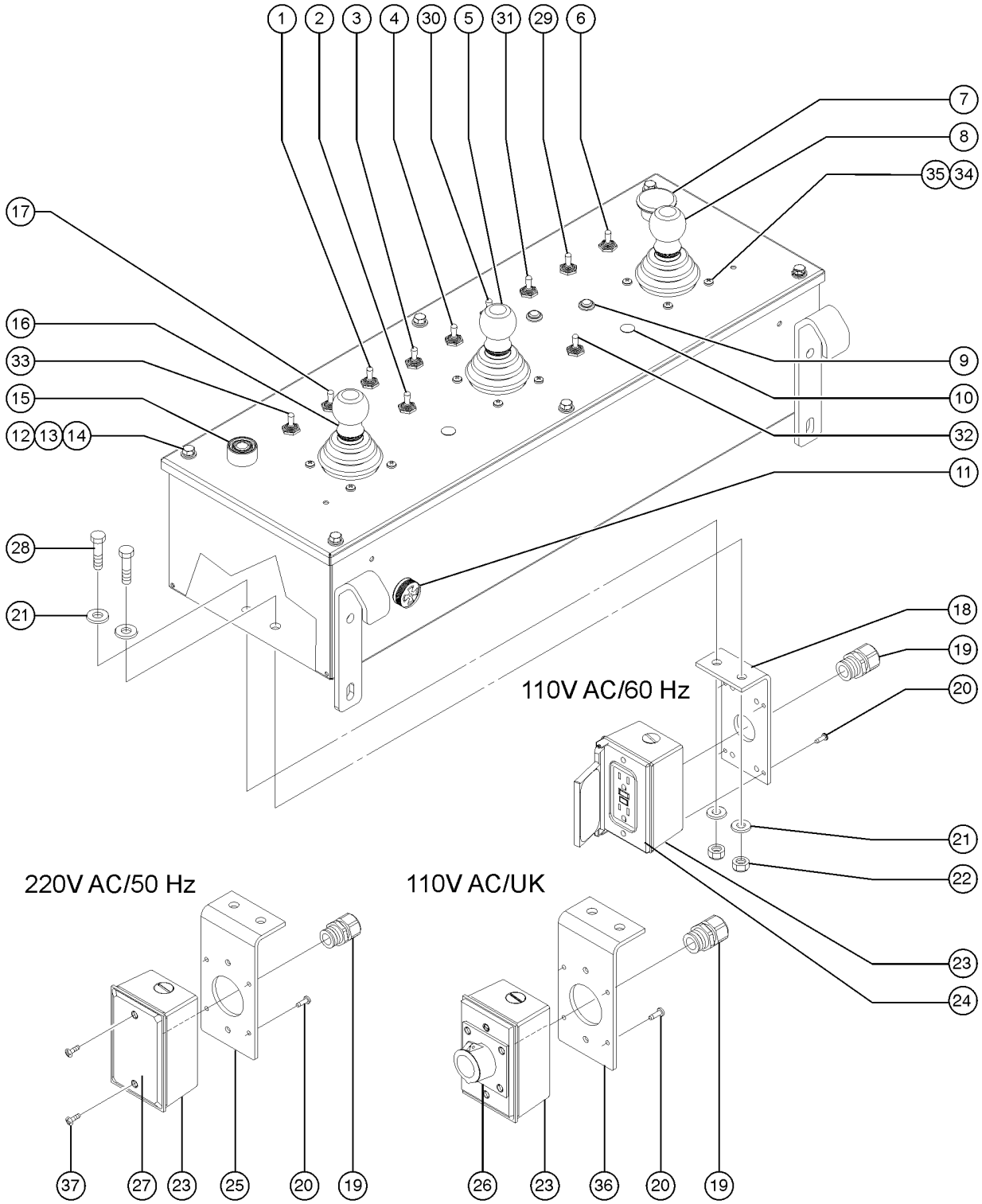
603.2 Platform Control Box - View 1, Z-45/25J



603.2 Platform Control Box - View 1, Z-45/25J

Item	Part No.	Description	Qty.
	110388GT	PLAT. CONTROL BOX W/DECAL***	
	122125GT	ADAPTER CABLE, JS100 JOYSTICK required for new (Deutsch) style joysticks only	1
	81488GT	GASKET,PLATFORM CONTROL BOX	
	T108153GT	HARNESS KIT,Z45/51 PLAT BOX includes three adapter cables	
1C	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Jib Boom (Z-45/25J); includes boot and hardware	1
1C-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
1C-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
1D	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
1D-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
1D-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
2A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary Boom Ext/Ret; includes boot and hardware	1
2B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
2B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
2B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
3A	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary Power; includes boot and hardwar	1
3B	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
3B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
3B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
4A	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Drive Speed; includes boot and hardwar	1
4B	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
4B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
4B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
5		Ref. Joystick Controller, Single Axis (refer to 604.1 and 604.2)	
6A	45384GT	PLUG,NYLON .50 BLACK DOMED Diesel models from SN 34011 to 41670	1
6B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Diesel models from SN 41671	
6C	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select (Gasoline/LPG models); includes boot and hardware	1
6D	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
6D-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

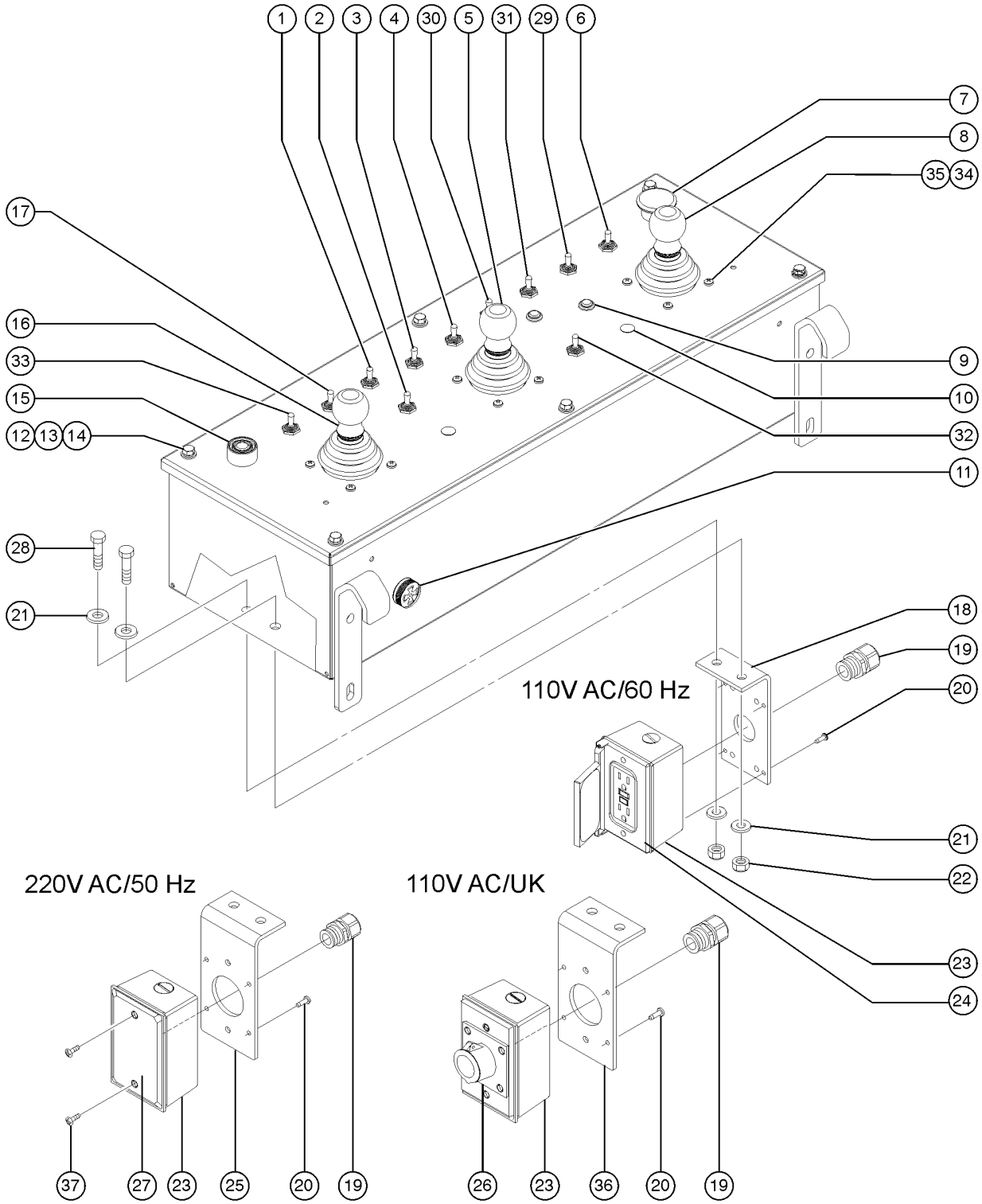
603.2 Platform Control Box - View 1, Z-45/25J



603.2 Platform Control Box - View 1, Z-45/25J

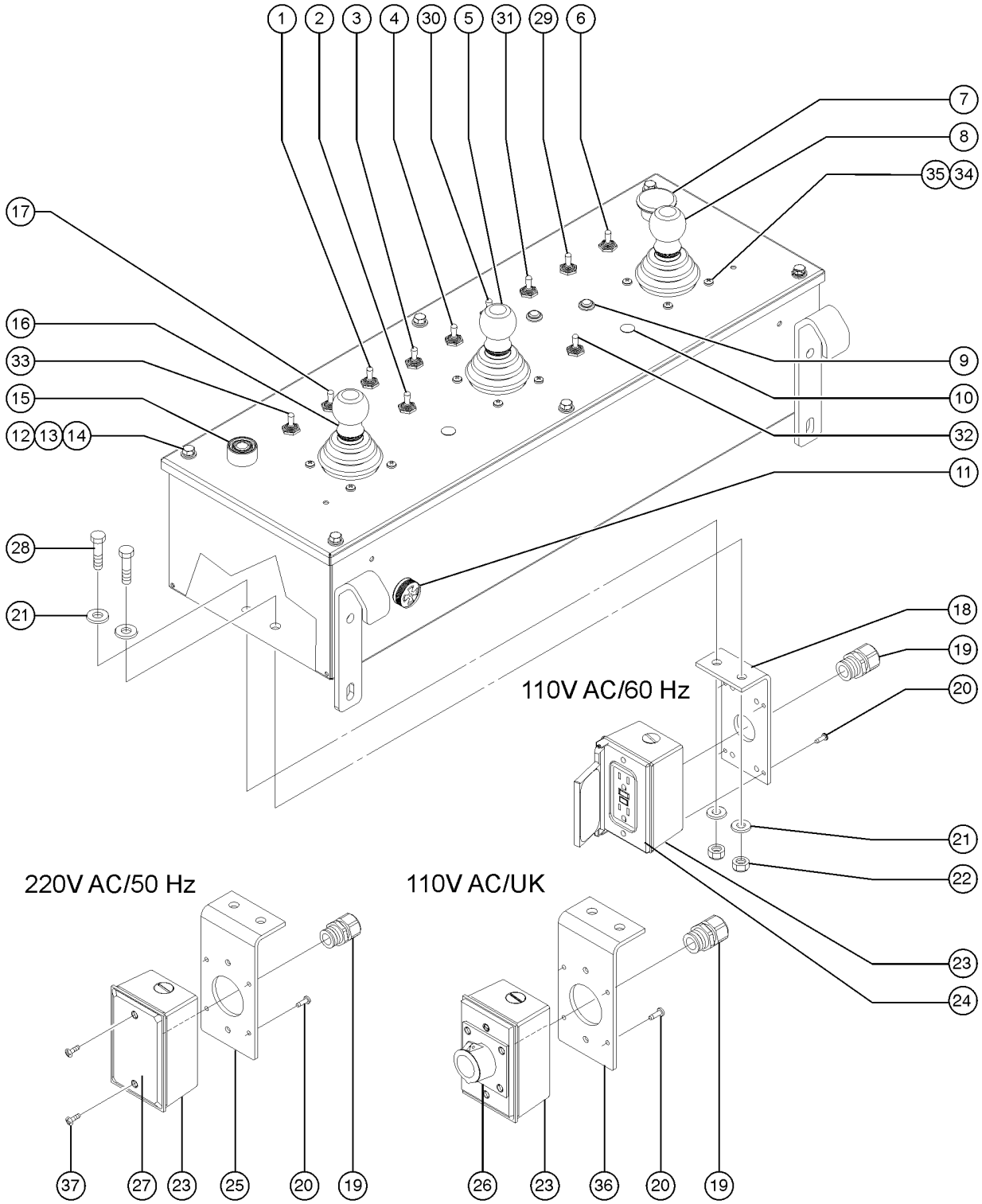
Item	Part No.	Description	Qty.
6D-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
7	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
7-	94506GT	BASE,W/3 NC CONTACTS includes 3 N.C. contacts	
7-	66818GT	CONTACT,NC	
7-	146478GT	BOOT(BELLOWS),E-STOP,BLACK (from SN 39986)	
8A		Ref. Joystick Controller, Multi-Axis (standard)	
8B		Ref. Joystick Controller, Single Axis, with thumb rocker switch (optional)	
9	824879GT	LIGHT,LED IND. RED 12V NH	2
10A	45384GT	PLUG,NYLON .50 BLACK DOMED Gasoline/LPG models from SN 34011 to A41670; from SN B101 to B1986	2
10B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Gasoline/LPG models from SN A41671; from SN B1987	
10C	824879GT	LIGHT,LED IND. RED 12V NH Diesel models	1
10C-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
11	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
11-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
12	8914GT	SCREW, HHC, 1/4-20 X .625	
13	6356GT	WASHER, LOCK, .25	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
15-	66815GT	BASE, W/1 N.O. CONTACTS*** includes 1 N.O. contact	
15-	66816GT	CONTACT,N.O.***	
16		Ref. Joystick Controller, Multi-Axis (refer to 604.1 and 604.2)	
17A	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
17B	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
17B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
17B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
18	81096GT	BRACKET,POWER TO PLAT, DOM	1
19	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	2
19-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	

603.2 Platform Control Box - View 1, Z-45/25J



Item	Part No.	Description	Qty.
20A	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP	
21	5397GT	WASHER, FLAT, USS, 5/16-18	
22	4828GT	NUT, NYLOCK, 3/8-16	
23	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
24	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1
24-	13585GT	OUTLET, 110V USA/Canada	
24-	80543GT	RECEPTACLE, 120VAC, 20A, GFCI USA/Canada	
25	81096GT	BRACKET,POWER TO PLAT, DOM	1
26A	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT (Europe) to SN 43389 (need for first time replacement)	1
26A-	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP for 67506	4
26A-	T112560GT	RECEPTACLE,UK,110V	1
26A-	T112561GT	PLATE,UK,POWER TO PLAT	
26A-	63375GT	SCREW, FHM, 6-32 X .75 for T112561	2
26A-	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	
26B	T112560GT	RECEPTACLE,UK,110V from SN 43390	1
27	10777GT	COVER,BLANK	1
27-	81458GT	GASKET, UK POWER TO PLAT	
28	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
29A	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Engine Idle (Gasoline/LPG models); includes boot and hardware	1
29B	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
29B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
29B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
30A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow Plug; includes boot and hardware	1
30A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
30B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
30B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
30B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
30B-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	

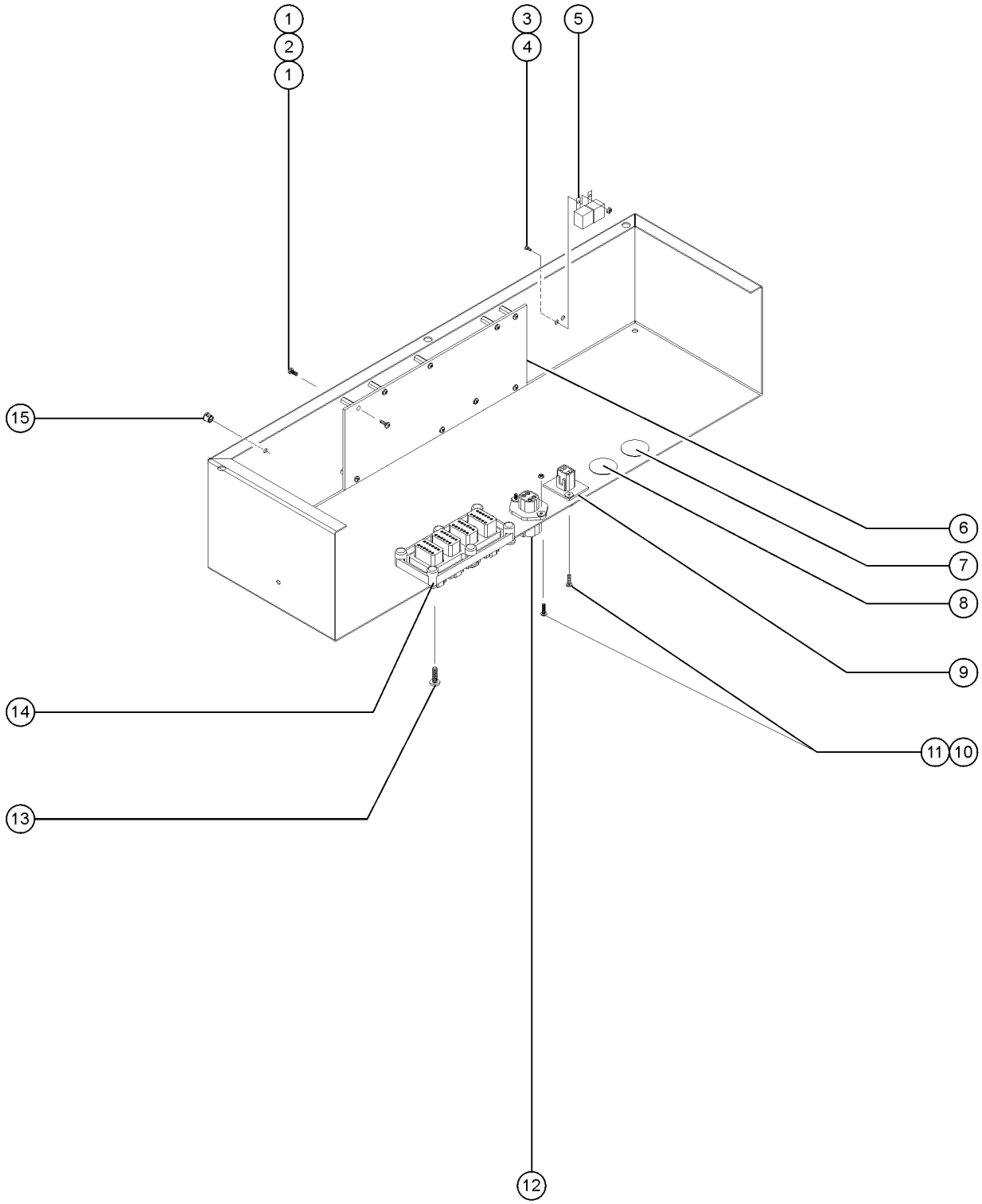
603.2 Platform Control Box - View 1, Z-45/25J



603.2 Platform Control Box - View 1, Z-45/25J

Item	Part No.	Description	Qty.
31A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start; includes boot and hardware	1
31A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
31A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
31B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
31B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
31B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
32A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Enable; includes boot and hardware	1
32B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
32B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
32B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
33A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform Level; includes boot and hardware	1
33B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
33B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
33B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
34A	62385GT	SCREW,PHM,M5X.8X10MM SELF TAP to SN Z452508A-37951; to SN Z452508B-1415	
34B	139338GT	SCREW PH M5-0.8X20 DIN 7500CE from SN Z452508A-37952; from SN Z452508B-1416	
35A	6178GT	NUT, NYLOCK, 10-32 to SN Z452508A-37951; to SN Z452508B-1415	
35B	104030GT	NUT HEX M5-0.8 CLASS 8 ZINC from SN Z452508A-37952; from SN Z452508B-1416	
36A	81570GT	BRACKET,POWER TO PLAT, UK to SN Z452508A-37127; to SN Z452508B-1483	1
36B	81096GT	BRACKET,POWER TO PLAT, DOM from SN Z452508A-37128; from SN Z452508B-1484	
37	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	2

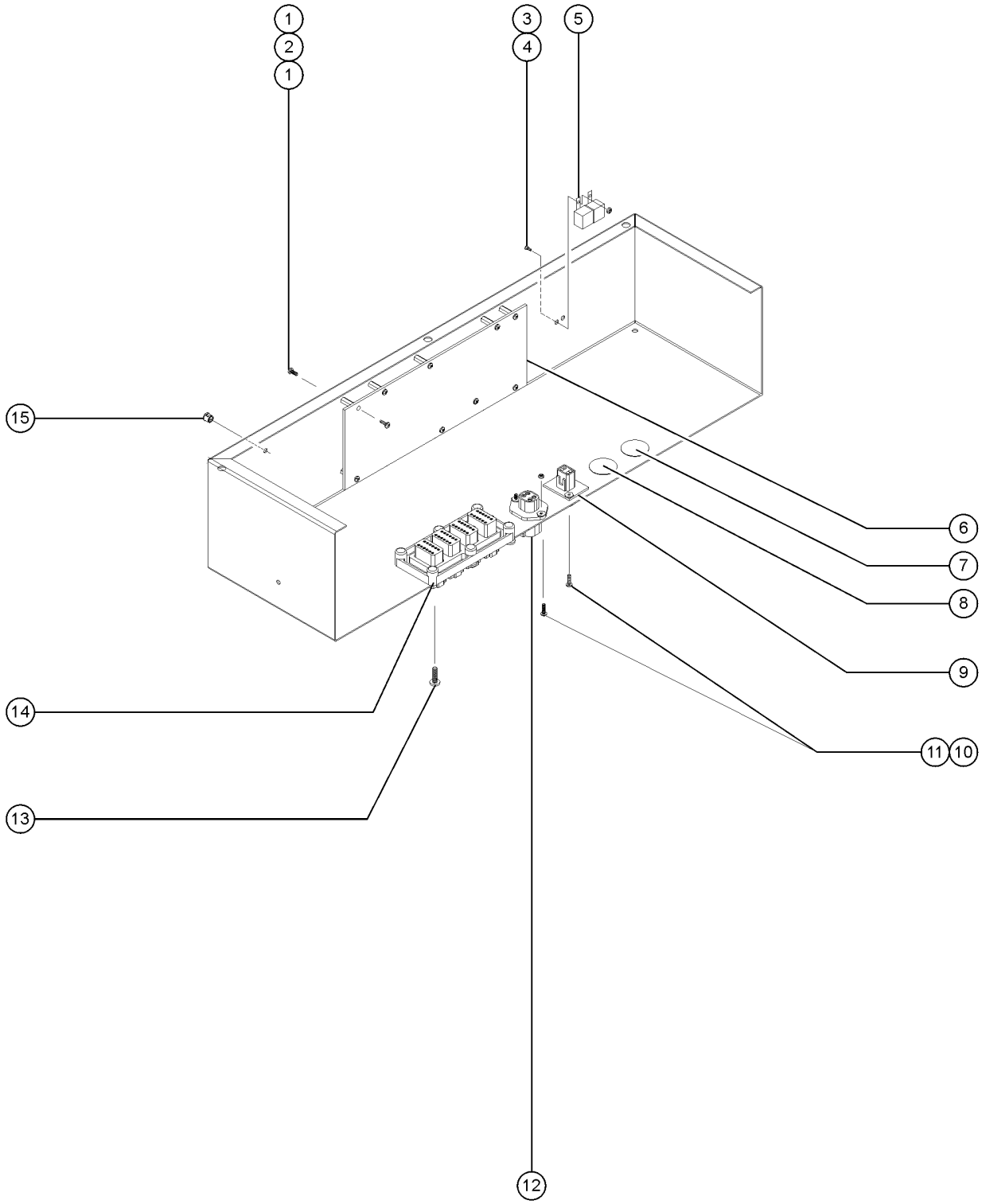
604.1 Platform Control Box - View 2, Z-45/25



604.1 Platform Control Box - View 2, Z-45/25

Item	Part No.	Description	Qty.
	81487PGT	PLATFORM CONTROL BOX,PAINTED	
	81488GT	GASKET,PLATFORM CONTROL BOX	
	77351GT	LANYARD,PLATFORM CONTROL BOX	
	128045GT	MODULE,LOAD SENSE 2007	
	121847GT	RELAY,TIME DELAY,2 SEC,30A from SN 10A-39314, 10B-1488	
1	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
2	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	
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
6A	235473GT	ASSY,PCB ALC500 GENII Z45 V201 (from SN 22051) (machine model and serial number required when ordering)	
6A-	56029GT	CONNECTOR,MOLEX 24-WAY**	
6A-	56030GT	TERMINAL,MOLEX 16 GAUGE***	
6A-	56561GT	TOOL,TERMINAL CRIMPER,MOLEX***	
6A-	56562GT	TOOL,TERMINAL EXTRACTOR,MOLEX	
6B-	147661GT	PLATE,PLAT HEAT,ALC500 GEN II	1
6B-	218180GT	HARNESS,CONTROL BOX HEATER	1
6B-	27287GT	RESISTOR,10 OHM,25 WATT for 119560	2
6B-	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
6B-	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	5
6B-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
6B-	114246GT	DECAL,OPTION CONTROL BOX HEATR	1
6C	T111107GT	ASSY,ALC500 BOARD HEATER arctic option (from SN 10A-40341)	
6C-	147661GT	PLATE,PLAT HEAT,ALC500 GEN II	1
6C-	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
6C-	27287GT	RESISTOR,10 OHM,25 WATT	2
6C-	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	5
6C-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1

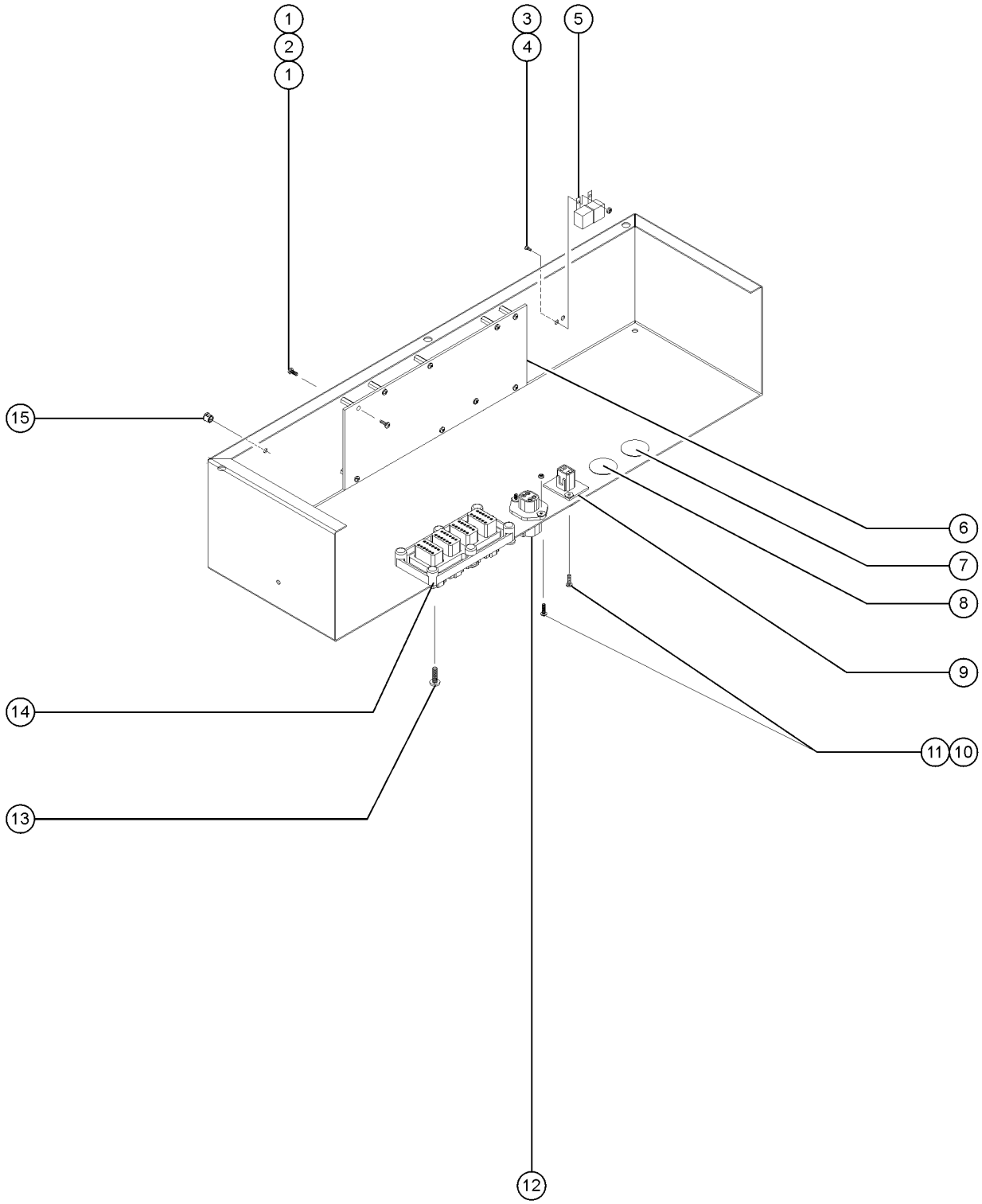
604.1 Platform Control Box - View 2, Z-45/25



604.1 Platform Control Box - View 2, Z-45/25

Item	Part No.	Description	Qty.
6C-	114246GT	DECAL,OPTION CONTROL BOX HEATR	1
7	45385GT	PLUG,NYLON 1.12 BLACK DOMED	1
7-	94549GT	SWITCH,LOAD LIMIT European models	
8A	45385GT	PLUG,NYLON 1.12 BLACK DOMED Z-45/25	1
9	73723GT	CONN RECEPT,FLANGED	1
9-	54259GT	TERM,NI PIN, 14-16GA,BULK	
9-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
9-	73233GT	ASSEMBLY,FOOT SWITCH***	
10	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
11	12344GT	NUT,NYLOCK,6-32	
12	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
12-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
12-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
12-	88723-72700GT	HARNESS,12/3,12V TO PLAT Z-45/25	
13	73803GT	SCREW,SHM,PHP, #12 X .75	
14	73736GT	CONN,RECEP 48 WAY,4 X 12	1
14-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
14-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
14-	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 Z-45/25	
14-	88722-72000GT	HARNESS,18/19,BOOM CABLE #2 jib models	
15	30996GT	PLUG,NYLON .313 BLACK DOMED	2

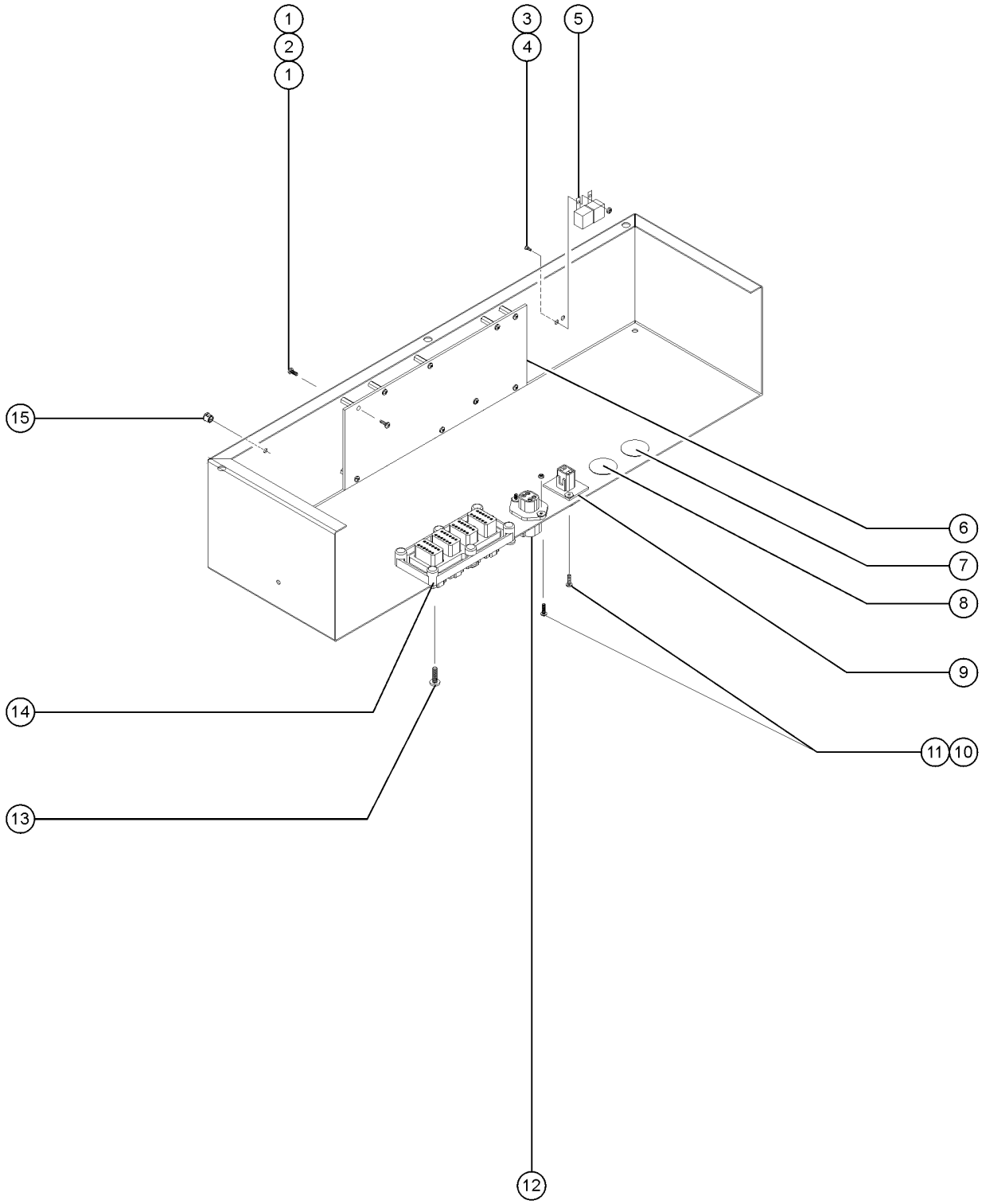
604.2 Platform Control Box - View 2, Z-45/25J



604.2 Platform Control Box - View 2, Z-45/25J

Item	Part No.	Description	Qty.
	81487PGT	PLATFORM CONTROL BOX,PAINTED	
	81488GT	GASKET,PLATFORM CONTROL BOX	
	77351GT	LANYARD,PLATFORM CONTROL BOX	
	128045GT	MODULE,LOAD SENSE 2007	
	121847GT	RELAY,TIME DELAY,2 SEC,30A from SN 10A-39314, 10B-1488	
1	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
2	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	
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
6A	235473GT	ASSY,PCB ALC500 GENII Z45 V201 (from SN 22051) (machine model and serial number required when ordering)	
6A-	56029GT	CONNECTOR,MOLEX 24-WAY**	
6A-	56030GT	TERMINAL,MOLEX 16 GAUGE***	
6A-	56561GT	TOOL,TERMINAL CRIMPER,MOLEX***	
6A-	56562GT	TOOL,TERMINAL EXTRACTOR,MOLEX	
6B-	119250GT	BRACKET,PLATFORM HEATER OPT	1
6B-	119560GT	WIRING KIT,CONTROL BOX HEATER	1
6B-	27287GT	RESISTOR,10 OHM,25 WATT for 119560	2
6B-	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
6B-	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	1
6B-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
6B-	114246GT	DECAL,OPTION CONTROL BOX HEATR	1
6C	T111107GT	ASSY,ALC500 BOARD HEATER arctic option (from SN 10A-40341)	
6C-	147661GT	PLATE,PLAT HEAT,ALC500 GEN II	1
6C-	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
6C-	27287GT	RESISTOR,10 OHM,25 WATT	2
6C-	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	5
6C-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1

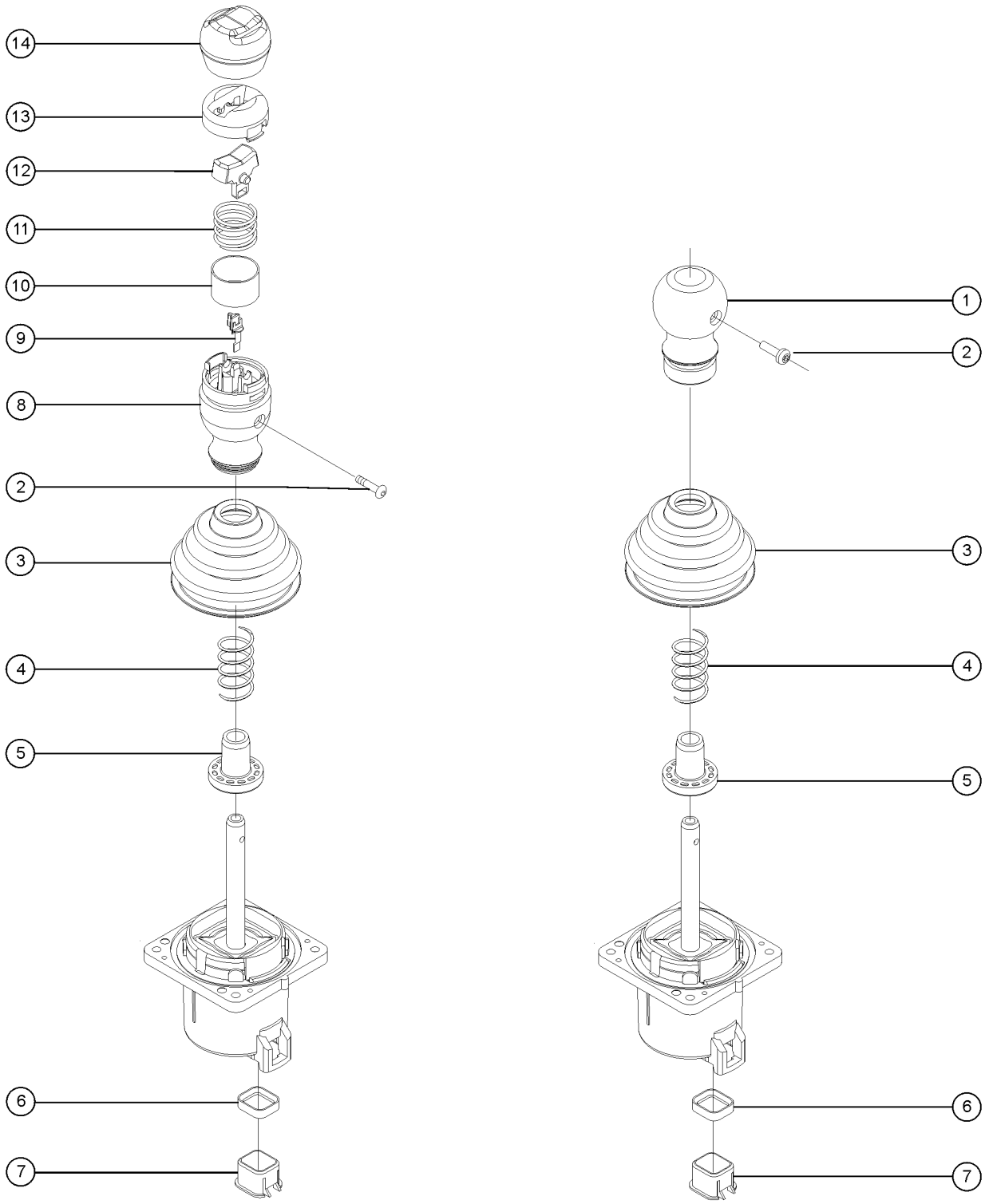
604.2 Platform Control Box - View 2, Z-45/25J



604.2 Platform Control Box - View 2, Z-45/25J

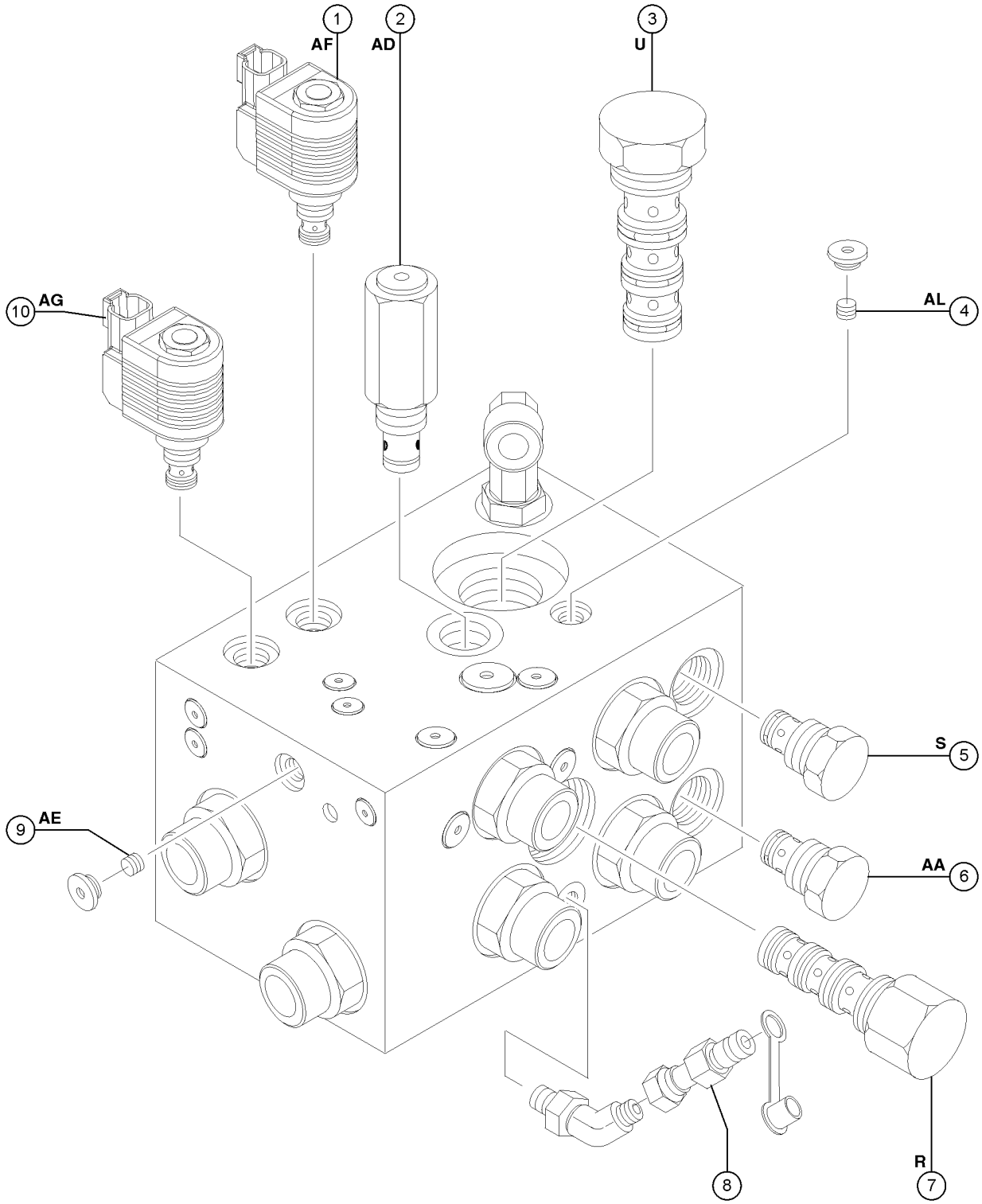
Item	Part No.	Description	Qty.
6C-	114246GT	DECAL,OPTION CONTROL BOX HEATR	1
7	45385GT	PLUG,NYLON 1.12 BLACK DOMED	1
7-	94549GT	SWITCH,LOAD LIMIT European models	
8B	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	
8B-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
8B-	101080GT	HARNESS,JIB SELECT MANIFOLD includes squeeze connector and locknut	
9	73723GT	CONN RECEPT,FLANGED	1
9-	54259GT	TERM,NI PIN, 14-16GA,BULK	
9-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
9-	73233GT	ASSEMBLY,FOOT SWITCH***	
10	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
11	12344GT	NUT,NYLOCK,6-32	
12	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
12-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
12-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
12-	88723-71000GT	HARNESS,12/3,12V TO PLAT Z-45/25J	
13	73803GT	SCREW,SHM,PHP, #12 X .75	
14	73736GT	CONN,RECEP 48 WAY,4 X 12	1
14-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
14-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
14-	88721-73000GT	HARNESS,18/19 BOOM CABLE #1 Z-45/25J	
14-	88722-73000GT	HARNESS,18/19,BOOM CABLE #2 non-jib	

605.1 Joysticks



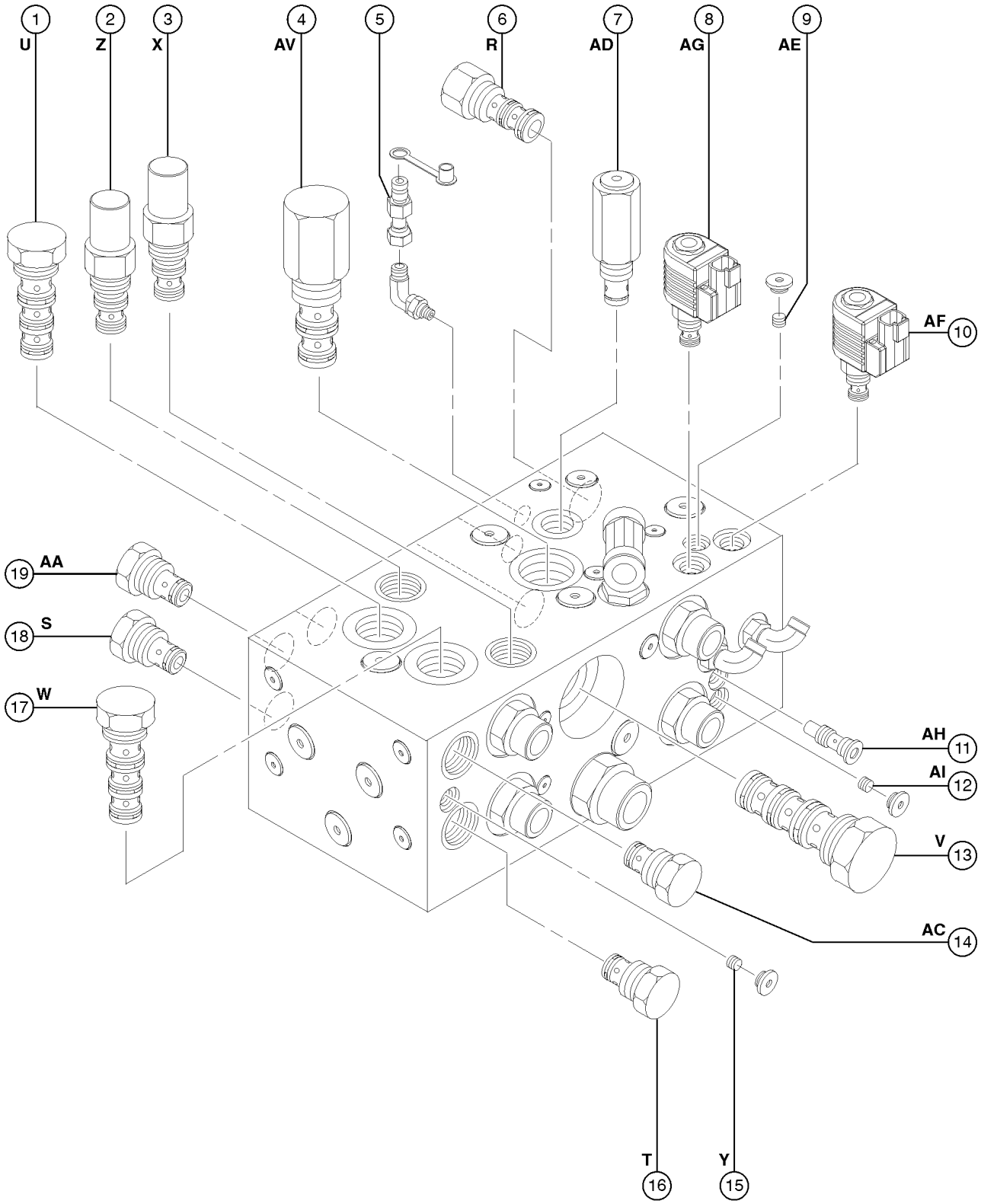
Item	Part No.	Description	Qty.
A-	101174GT	JOYSTICK,2 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
B-	101174HGT	JOYSTICK,DUAL AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
C-	101175GT	JOYSTICK,1 AXIS,DEUTSCH OEM joystick (calibration required after 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 6-pin to 7-pin adapter (for 101174, 101175, 101005)	
Z	1269501GT	KIT, ISOLATION, 3 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



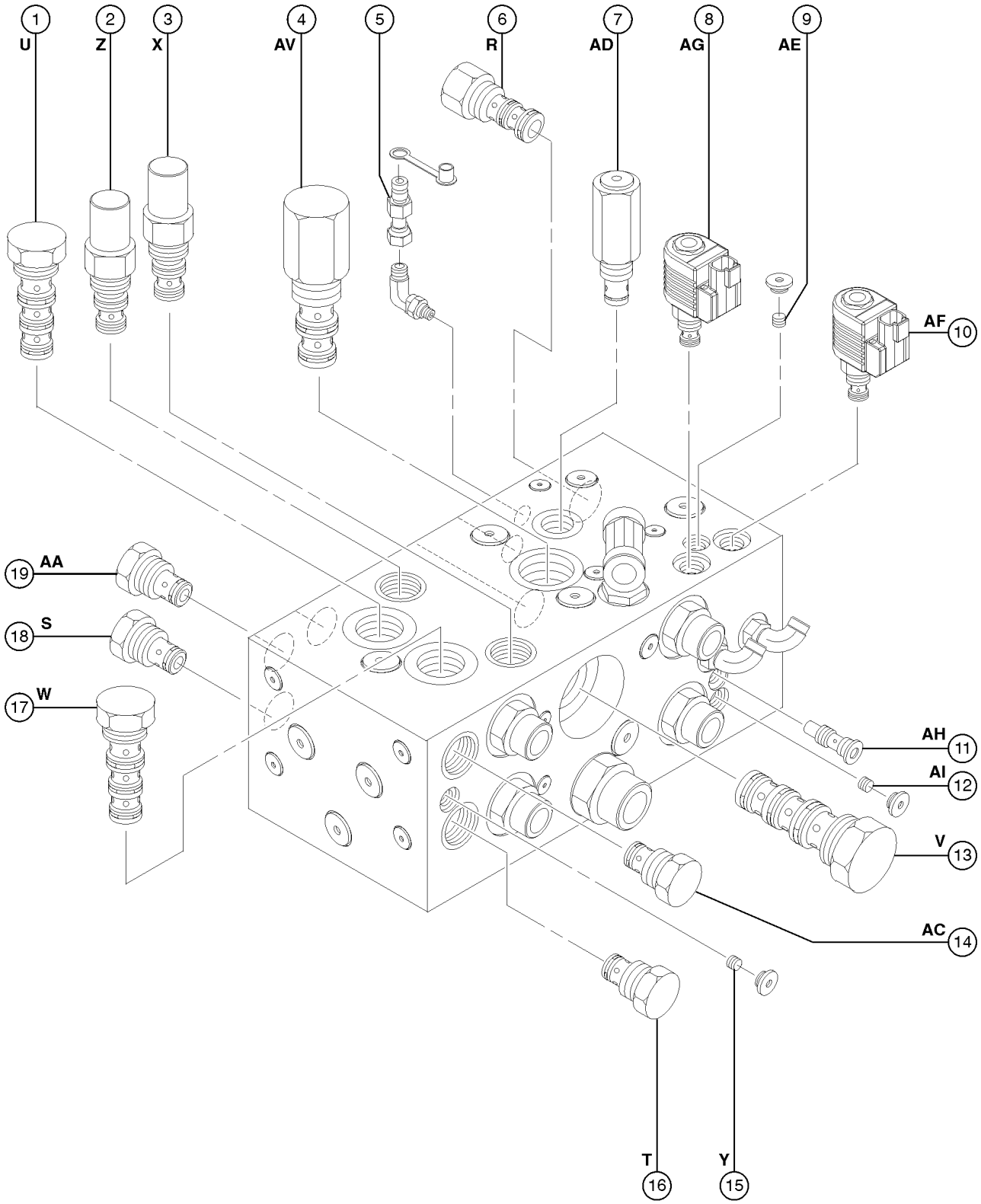
Item	Part No.	Description	Qty.
	101590GT	MANIFOLD,2WD TRACT W/O FIT***	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY AF, Brake circuit	
1-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
1-	52943GT	NUT, SOLENOID VALVE COIL	
1-	72043GT	SEAL KIT,SOLENOID VALVE	
2	31406GT	VALVE,RELIEF 250 PSI*** AD, Charge pressure circuit	
2-	110194GT	SEAL KIT, VALVE, #10	
3	52726GT	VALVE,FLOW DIVIDER/COMBINER U, Controls flow to non-steer end drive motors in forward and reverse	
3-	84135GT	SEAL KIT, VALVE	
4	77163GT	PLUG-ORIFICE,0.067 INCH AL, Equalizes pressure on both sides of flow divider/combiner valve U	
5	27836GT	VALVE,CHECK,5 PSI S, Drive circuit	
6	27836GT	VALVE,CHECK,5 PSI AA, Drive circuit	
7	54572GT	VALVE R, Charge pressure circuit that directs hot oil out of low pressure side of drive pump and allows low pressure flow path for brake release and 2-speed motor shift	
7-	84134GT	SEAL KIT, VALVE	
8	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV Testing	
8-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
9	77162GT	PLUG-ORIFICE 0.031 INCH AE, Brake and 2-speed circuit	
10	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY AG 2-speed motor shift	
10-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
10-	52943GT	NUT, SOLENOID VALVE COIL	
10-	72043GT	SEAL KIT,SOLENOID VALVE	

702.1 4WD Traction Manifold



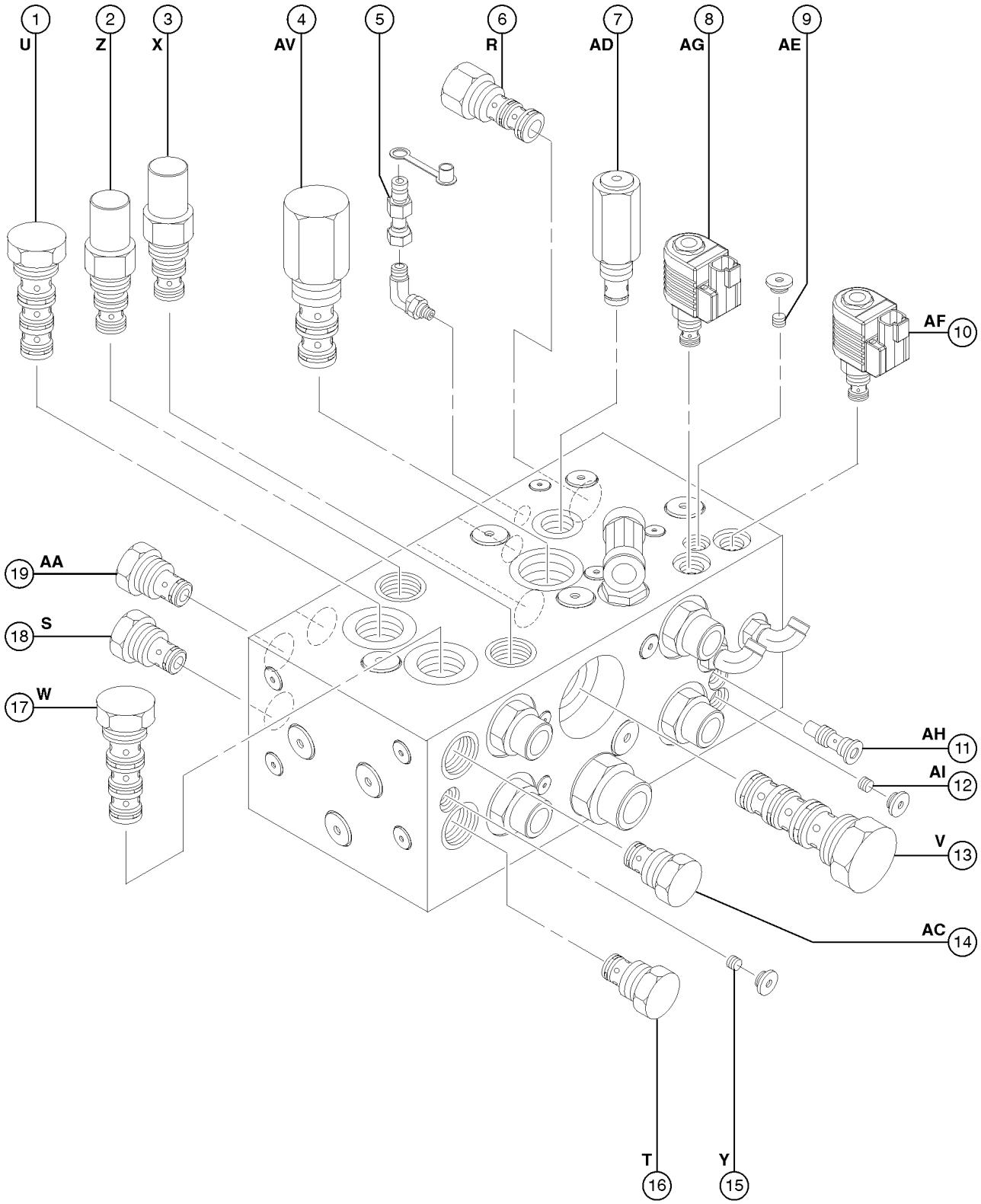
Item	Part No.	Description	Qty.
		Ref. MANIFOLD,4WD (101589 was replaced by 139391, the old valves are still available and listed below) (to SN Z452510A-39750 and to SN Z452511B-1606)	
	139391GT	MANIFOLD ASSY, Z45/Z51 4WD (from SN Z452510A-39751 and from SN Z452511B-1607)	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1A	52726GT	VALVE,FLOW DIVIDER/COMBINER AB, Controls flow to non-steer end drive motors in forward and reverse (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
1A-	84135GT	SEAL KIT, VALVE (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
1B	139508GT	VALVE, FLOW DIVIDE/COMBINE 1:1 U, Controls flow to non-steer end drive motors in forward and reverse (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
1B-	139512GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
2A	52723GT	VALVE-FLOW REGULATOR 2 GPM AC, Non-steer end drive motor circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
2A-	89310GT	SEAL KIT, SOLENOID VALVE (for manifold 101589, to SN Z452510A-39750 and from SN Z452511B-1606)	
2B	139513GT	VALVE,PRES CMP/FLW CTRL,2.6GPM Z, Non-steer end drive motor circuit (for manifold 139391, from SN Z452510A39751 and from SN Z452511B-1607)	1
2B-	139515GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
3A	54815GT	VALVE-FLOW REGULATOR 1.0GPM AD, Steer end drive motor circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
3A-	89310GT	SEAL KIT, SOLENOID VALVE (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
3B	139514GT	VALVE,PRES CMP/FLW CTRL,1.0GPM X, Steer end drive motor circuit (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
3B-	139515GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
4A	52720GT	VALVE-DIRECT. CONTRL-2POS. 2WA AE, 2 speed motor shift circuit/High speed bypass (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
4A-	84135GT	SEAL KIT, VALVE (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
4B	139509GT	VALVE, DIRECTION CONTROL, 2X2 AV, 2 speed motor shift circuit/High speed bypass (for manifold 139391, from SN Z452510A39751 and from SN Z452511B-1607	1
4B-	139512GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
5A	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV Testing, (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
5B	20224GT	DIAGNOSTIC FEMALE Q-DSCNT Testing, (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
6A	54572GT	VALVE AG, Charge pressure circuit that directs hot oil out of low pressure side of drive pump and allows low pressure flow path for brake release and 2-speed motor shift (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
6A-	84134GT	SEAL KIT, VALVE (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
6B	139510GT	VALVE, SHUTTLE, 3X3 R, Charge pressure circuit that directs hot oil out of low pressure side of drive pump and allows low pressure flow path for brake release and 2-speed motor shift (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1

702.1 4WD Traction Manifold



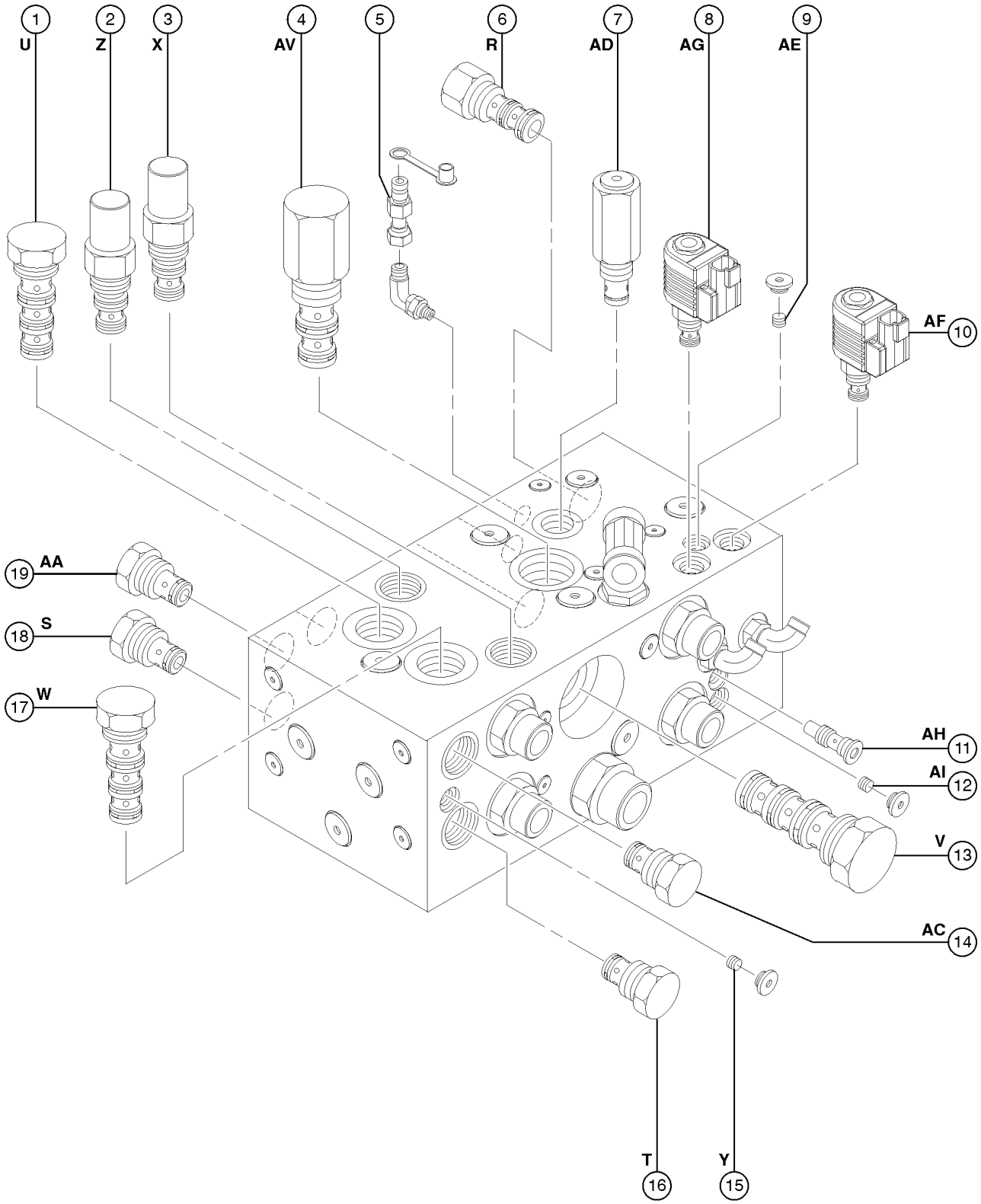
Item	Part No.	Description	Qty.
6B-	139512GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
7A	31406GT	VALVE,RELIEF 250 PSI*** AH, Charge pressure circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
7A-	110194GT	SEAL KIT, VALVE, #10 (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
7B	139516GT	VALVE, RELIEF, 250PSI AD, Charge pressure circuit (for manifold 139391, from SN Z452510A-39751 and from SN Z452510B-1607)	1
7B-	139517GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
8A	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY AI, 2-speed motor shift (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
8A-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR* (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
8A-	52943GT	NUT, SOLENOID VALVE COIL (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
8A-	72043GT	SEAL KIT,SOLENOID VALVE (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
8B	139518GT	VALVE, SOLENOID, 2X3, 12V AG, 2-speed motor shift (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	2
8B-	139519GT	COIL, SOLENOID VALVE, 12V 2PIN (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
8B-	139520GT	NUT, SOLENOID VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
8B-	139521GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
9A	52724GT	PLUG,ORIFICE,0.030 (50684) AJ, Brake and 2-speed circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
9B	139522GT	ORIFICE, 0.030" AE, Brake and 2-speed circuit (for manifold 139391, from SN Z452510A-39751 and to SN Z452511B-1607)	1
10A	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY AK, Brake circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
10A-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR* (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
10A-	52943GT	NUT, SOLENOID VALVE COIL (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
10A-	72043GT	SEAL KIT,SOLENOID VALVE (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
10B	139518GT	VALVE, SOLENOID, 2X3, 12V AF, Brake circuit (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
10B-	139519GT	COIL, SOLENOID VALVE, 12V 2PIN (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
10B-	139520GT	NUT, SOLENOID VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
10B-	139521GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
11A	27807GT	VALVE,CHECK*** AL, 2 speed motor shift circuit (for manifold 101589, to SN Z452510B-39750 and to SN Z452511B-1606)	1
11A-	110200GT	SEAL KIT, VALVE, #4 (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
11B	139525GT	VALVE, CHECK AH, 2 speed motor shift (for manifold 139391, from SN Z452510B-39751 and from SN Z452511B-1607)	1

702.1 4WD Traction Manifold

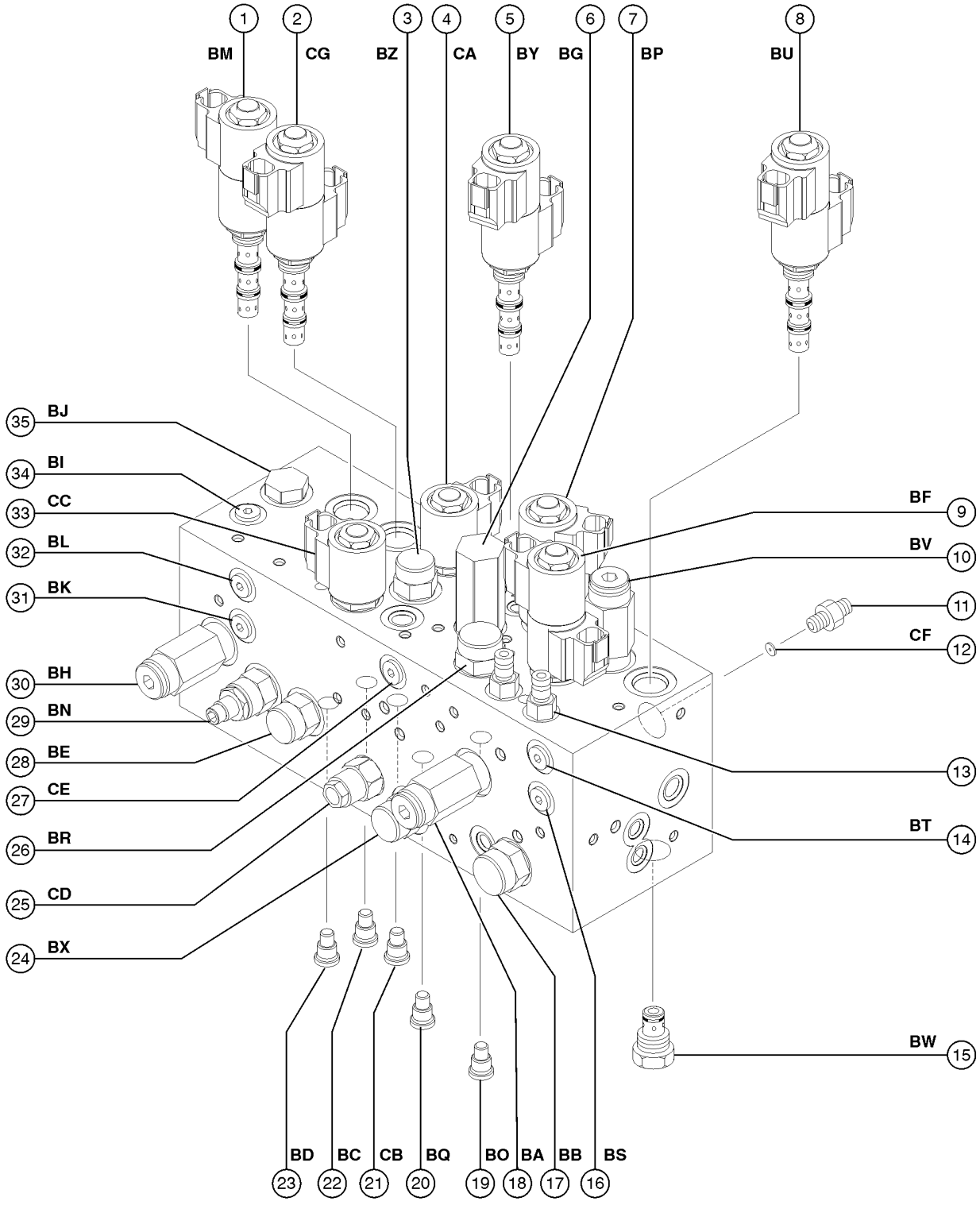


Item	Part No.	Description	Qty.
11B-	139526GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
12A	74990GT	ORIFICE, 0.025"(74129)* AM, 2 speed motor shift circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
12B	139523GT	ORIFICE, 0.025" AI, 2 speed motor shift circuit (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
13A	33521GT	VALVE,FLOW DIVIDER/COMBINER AN, Controls flow to flow divider/ combiner valves 1 and 17 (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
13A-	84135GT	SEAL KIT, VALVE (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
13B	139511GT	VALVE, FLOW DIVIDE/COMBINE 2:1 V, Controls flow to flow divider/ combiner valves 1 and 17 (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
13B-	139512GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
14A	27836GT	VALVE,CHECK,5 PSI AO, Steer end drive motor circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
14A-	110194GT	SEAL KIT, VALVE, #10 (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
14B	139527GT	VALVE, CHECK, 5PSI AC, Steer end drive motor circuit (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
14B-	139515GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
15A	65449GT	PLUG,ORIFICE, 0.052 (40033) AP, Drive circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
15B	139524GT	ORIFICE, 0.052" Y, Drive circuit (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
16A	27836GT	VALVE,CHECK,5 PSI AQ, Steer end drive motor circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
16A-	110194GT	SEAL KIT, VALVE, #10 (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
16B	139527GT	VALVE, CHECK, 5PSI T, Steer end drive motor circuit (for manifold 139391, from SN Z452510B-39751 and from SN Z452511B-1607)	1
16B-	139515GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
17A	52726GT	VALVE,FLOW DIVIDER/COMBINER AR, Controls flow to steer end drive motors in forward and reverse (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
17A-	84135GT	SEAL KIT, VALVE (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
17B	139508GT	VALVE, FLOW DIVIDE/COMBINE 1:1 W, Controls flow to steer end drive motors in forward and reverse (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
17B-	139512GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
18A	27836GT	VALVE,CHECK,5 PSI AS, Non-steer end drive motor circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
18A-	110194GT	SEAL KIT, VALVE, #10 (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
18B	139527GT	VALVE, CHECK, 5PSI S, Non-steer end drive motor circuit (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
18B-	139515GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	

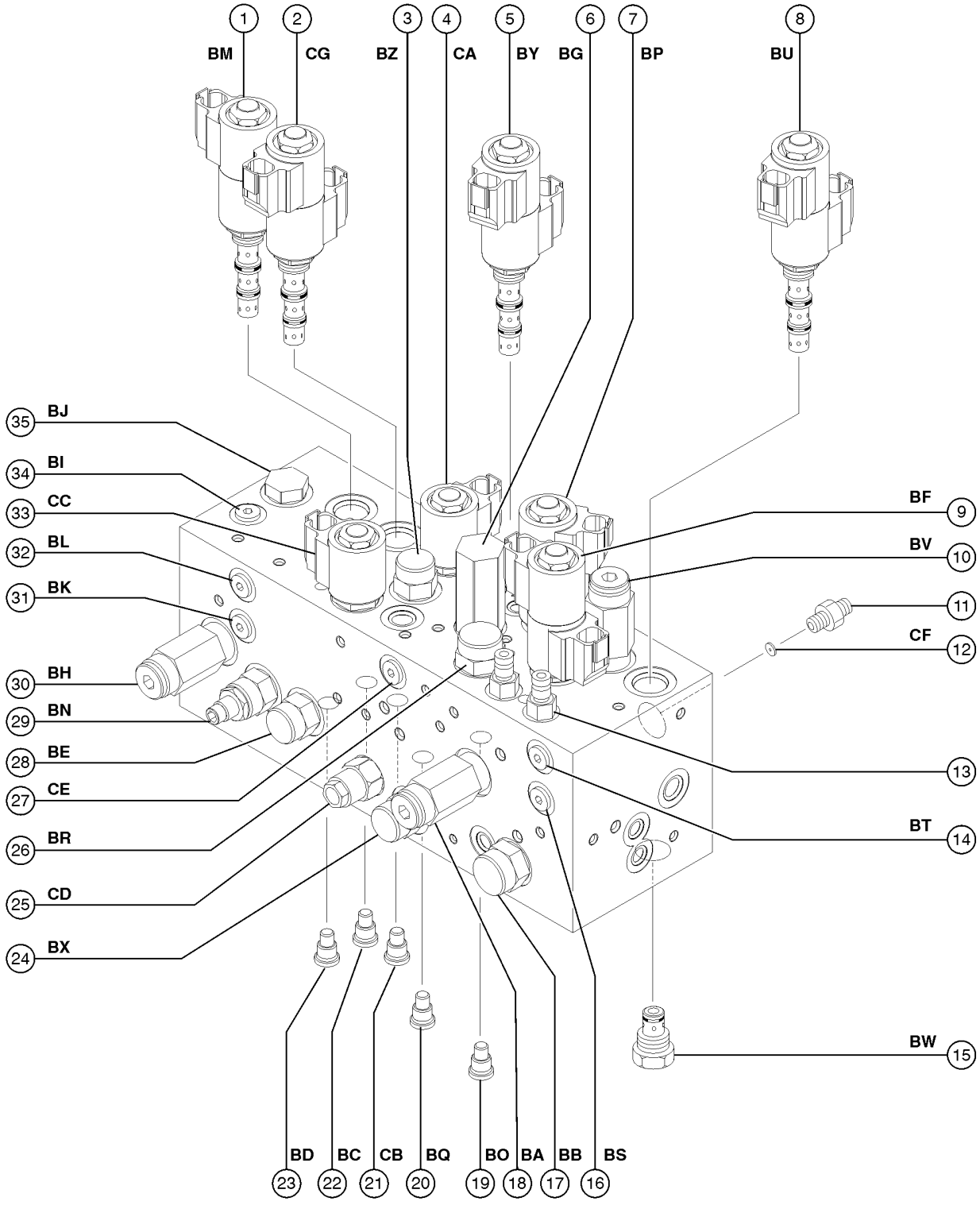
702.1 4WD Traction Manifold



Item	*Part No.*	*Description*	*Qty.*
19A	27836GT	VALVE,CHECK,5 PSI AT, Non-steer end drive motor circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
19A-	110194GT	SEAL KIT, VALVE, #10 . . . . . . (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
19B	139527GT	VALVE, CHECK, 5PSI AA, Non-steer end drive motor circuit (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
19B-	139515GT	SEAL KIT, VALVE . . . . . . (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	

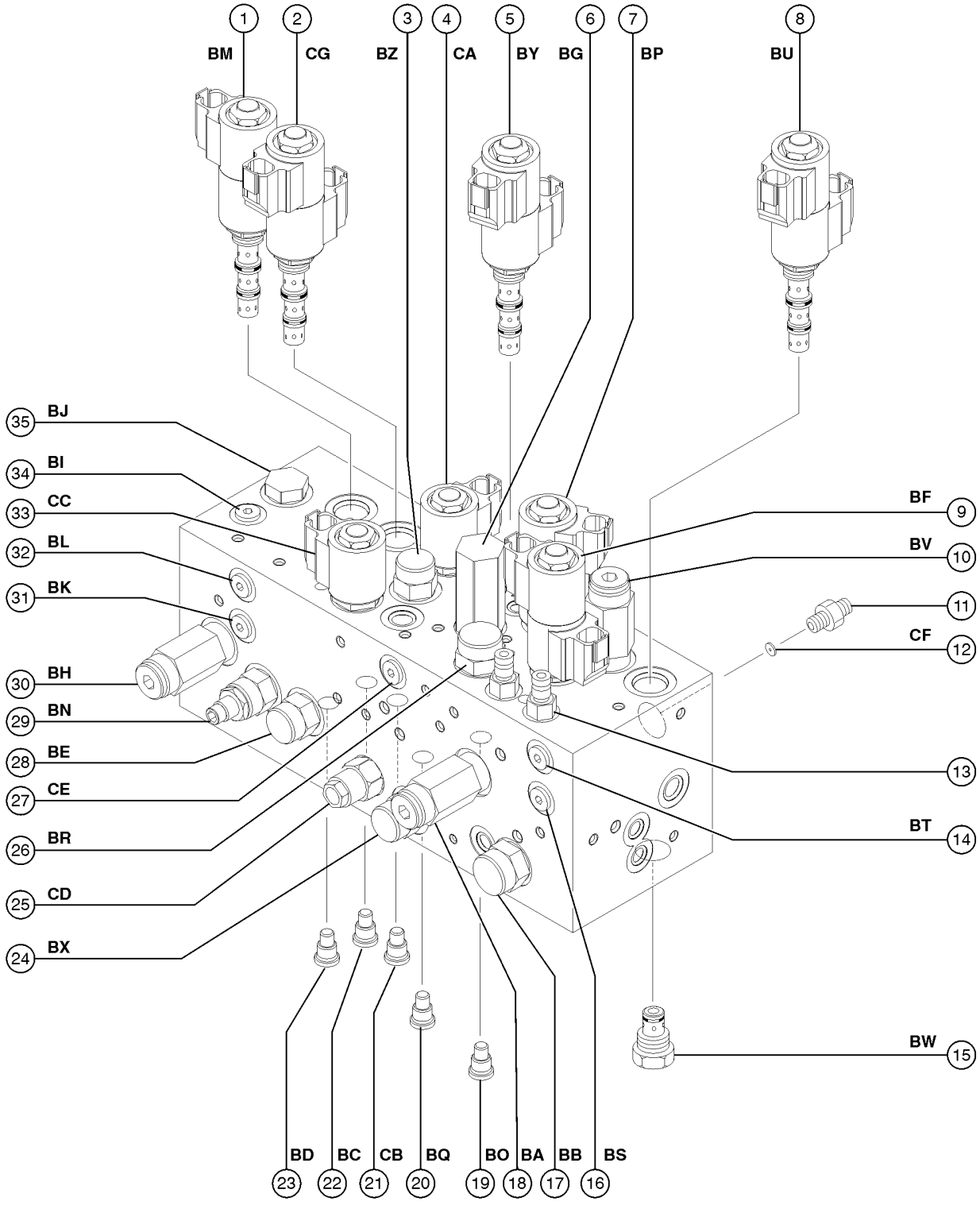

1 BM
2 CG
3 BZ
4 CA
5 BY
6 BG
7 BP
8 BU
35 BJ
34 BI
33 CC
32 BL
31 BK
30 BH
29 BN
28 BE
27 CE
26 BR
25 CD
24 BX
9 BF
10 BV
11
12 CF
13
14 BT
15 BW
23 BD
22 BC
21 CB
20 BQ
19 BO
18 BA
17 BB
16 BS

Item	Part No.	Description	Qty.
	110273GT	MANIFOLD,FUNCTION,IC	
1	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** BM, Platform level up/down, valve with nut and spacer only	
1-	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
1-	44229GT	SEAL KIT, VALVE	
2	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** CG, Platform rotate left/right and jib boom up/down, valve with nut and spacer only	
2-	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
2-	44229GT	SEAL KIT, VALVE	
3	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* BZ, Primary boom extension circuit	
3-	44228GT	SEAL KIT, VALVE	
4	62815GT	VALVE,SOLENOID,2POS 3 WAY*** CA, Primary boom extend, valve with nut and spacer only	
4-	52371GT	SEAL KIT, VALVE	
4-	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
5	94614GT	VALVE,PROP,3 POS,4-WAY*** BY, Primary boom up/down, valve with nut and spacer only	
5-	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
5-	44229GT	SEAL KIT, VALVE	
6	94616GT	VALVE,DIFF SENSING,160 PSI BG, Meters flow to functions	
6-	62337GT	SEAL KIT, VALVE	
7	107816GT	VALVE,PROPORTIONAL 3 POS 4 WY* BP, Turntable rotate left/right, valve with nut and spacer only	
7-	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
7-	44229GT	SEAL KIT, VALVE	
8	94614GT	VALVE,PROP,3 POS,4-WAY*** BU, Secondary boom up/down, valve with nut and spacer only	
8-	44229GT	SEAL KIT, VALVE	
8-	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
9	44168GT	VALVE,SOLENOID,3POS 4WAY BF, Steer left/right, valve with nut and spacer only	
9-	44229GT	SEAL KIT, VALVE	
9-	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
10	101277GT	VALVE,RELIEF,2100 PSI*** BV, Secondary boom down	
10-	44227GT	SEAL KIT, VALVE	

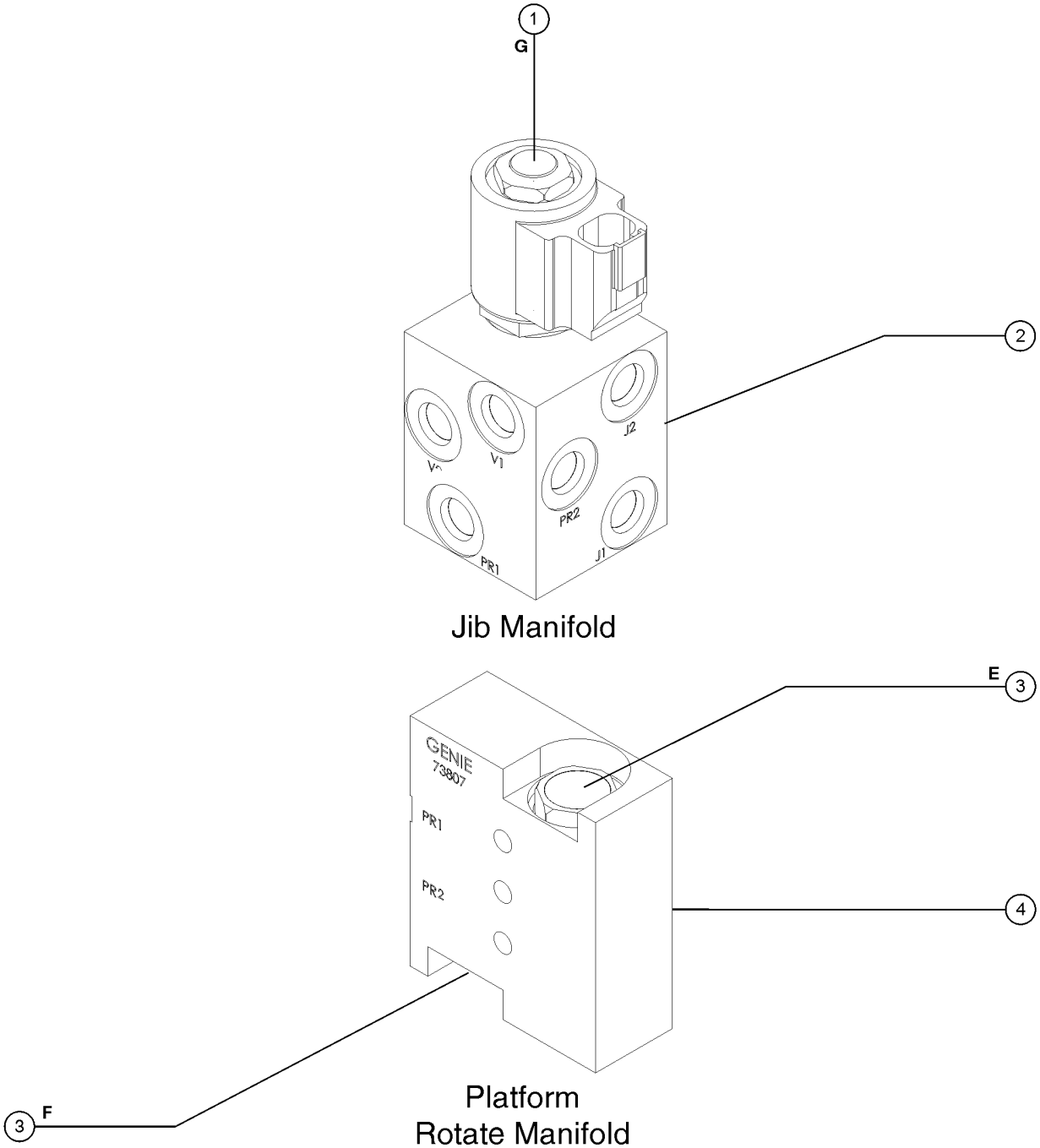

1 BM
2 CG
3 BZ
4 CA
5 BY
6 BG
7 BP
8 BU
35 BJ
34 BI
33 CC
32 BL
31 BK
30 BH
29 BN
28 BE
27 CE
26 BR
25 CD
24 BX
9 BF
10 BV
11
12 CF
13
14 BT
15 BW
23 BD
22 BC
21 CB
20 BQ
19 BO
18 BA
17 BB
16 BS

Item	Part No.	Description	Qty.
11		Ref. Fitting (refer to Figure 805.1, 806.1 or 807.1)	
12	47092GT	ORIFICE DISC,.046",GREEN CF, Secondary boom down circuit (located under fitting)	
13	48997GT	NIPPLE,DIAGNOSTIC,#4 Testing	
13-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
14	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BT, Differential sensing circuit,secondary boom down	
14-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
15	44178GT	VALVE,CHECK,5 PSI** BW, Secondary boom circuit	
15-	44224GT	SEAL KIT, VALVE	
16	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BS, Differential sensing circuit, secondary boom up	
16-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
17	94617GT	VALVE,PRIO FLOW REG,1.5 GPM BB, Steer circuit	
17-	44225GT	SEAL KIT, VALVE	
18	52906GT	VALVE-RELIEF,3200 PSI BA, System relief	
18-	44227GT	SEAL KIT, VALVE	
19	44216GT	VALVE,SHUTTLE BO, Turntable rotate circuit	
19-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
20	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BQ, Differential sensing circuit, turntable rotate	
20-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
21	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* CB, Differential sensing circuit,primary boom retract	
21-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
22	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BC, Differential sensing circuit, platform rotate left / jib boom up	
22-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
23	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BD, Differential sensing circuit,platform rotate right / jib boom down	
23-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
24	32975GT	VALVE,FLOW REGULATOR 0.1 GPM BX, Differential sensing circuit,primary boom up/down	
24-	44228GT	SEAL KIT, VALVE	
25	54063GT	VALVE,CB.CBBC-LHN@1000*** CD, Primary boom down circuit	
25-	43018GT	SEAL KIT (39345)	

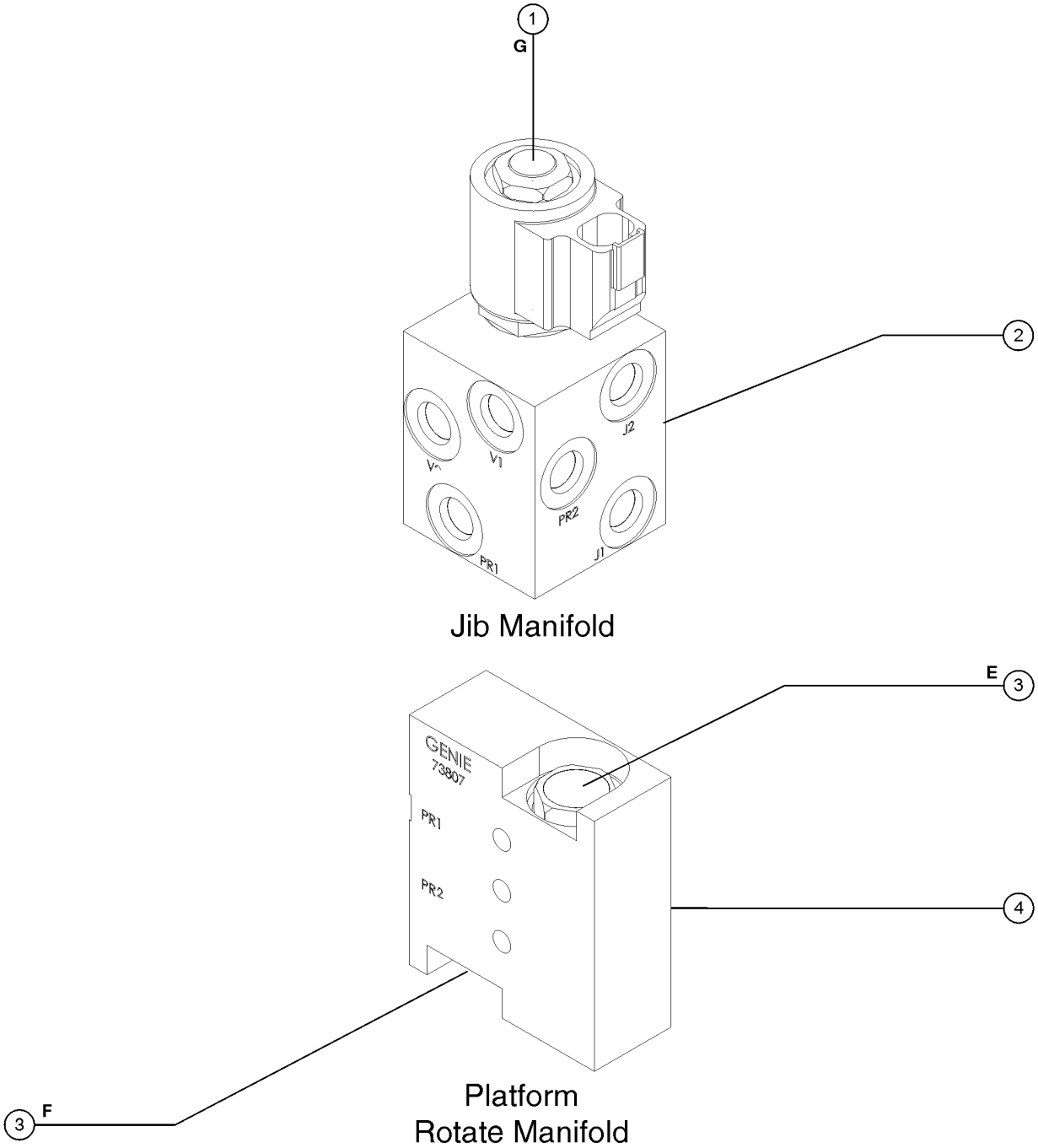
703.1 Function Manifold



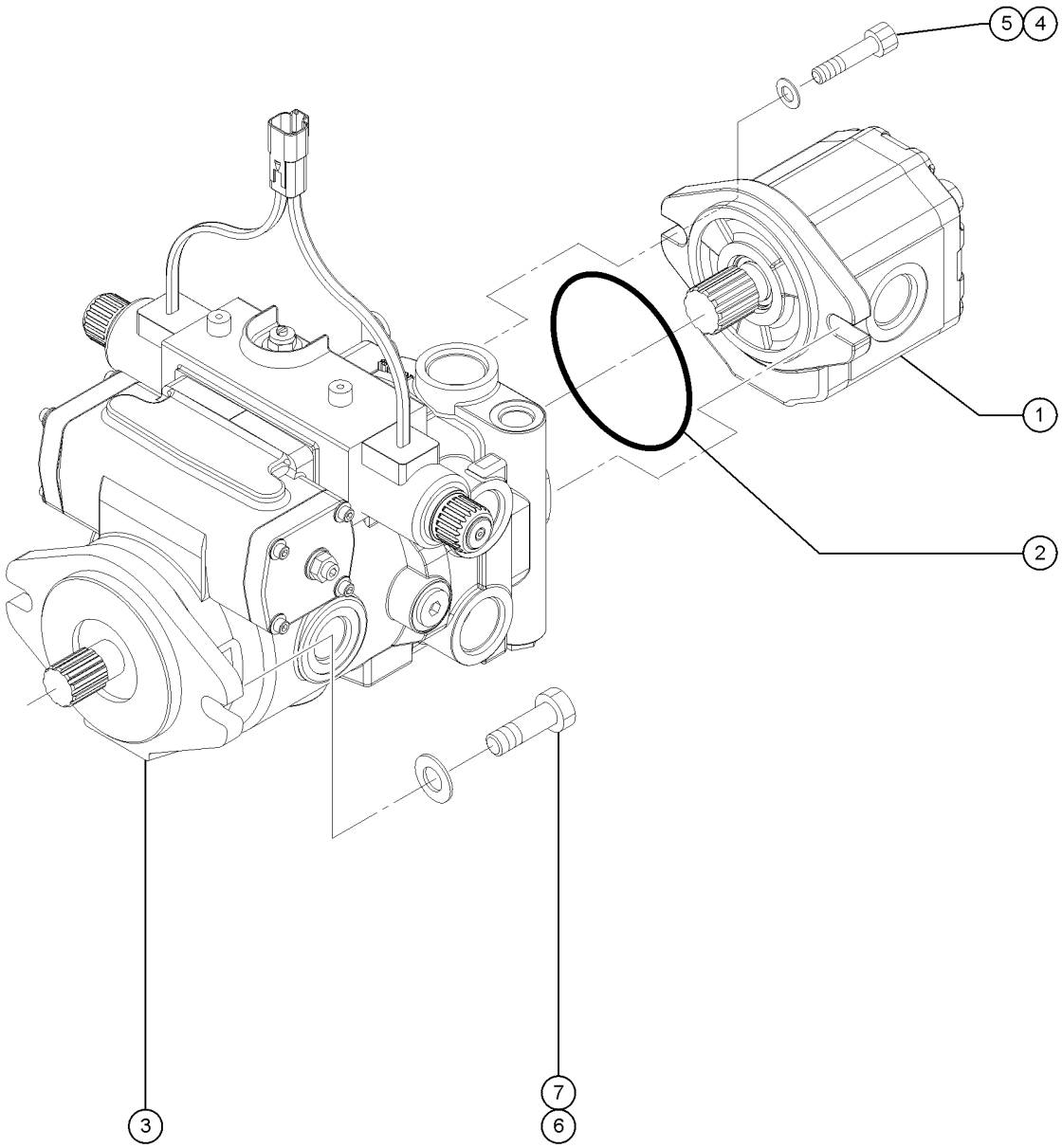
Item	Part No.	Description	Qty.
26	110180GT	VALVE, COMPENSATOR, 80 PSI BR, Turntable rotate circuit	
26-	44225GT	SEAL KIT, VALVE	
27	44216GT	VALVE,SHUTTLE CE, Differential sensing circuit,primary boom up/down	
27-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
28	94618GT	VALVE,FLOW CONTROL,.4 GPM BE, Platform rotate / jib boom circuit primary boom up/down	
28-	44228GT	SEAL KIT, VALVE	
29	101055GT	VALVE,NEEDLE,FINE ADJUSTMENT** BN, Platform level circuit	
29-	44228GT	SEAL KIT, VALVE	
30	101114GT	VALVE RELIEF,2500PSI(88513)** BH, Platform level circuit	
30-	44227GT	SEAL KIT, VALVE	
31	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BK, Differential sensing circuit,platform level up	
31-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
32	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BL, Differential sensing circuit,platform level down	
32-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
33	62815GT	VALVE,SOLENOID,2POS 3 WAY*** CC, Primary boom retract (does not include a coil)	
33-	52371GT	SEAL KIT, VALVE	
33-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (not a component of 62815)	
34	44216GT	VALVE,SHUTTLE BI, Platform level circuit	
34-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
35	101958GT	VALVE,CHECK,DUAL PILOT,135 PSI BJ, Platform level circuit	
35-	44229GT	SEAL KIT, VALVE	


1
G
2
J2
V1
PR2
PR1
J1
Jib Manifold
E
3
GENIE
73807
PR1
PR2
4
3
F
Platform
Rotate Manifold

Item	*Part No.*	*Description*	*Qty.*
3	62506GT	VALVE - COUNTERBALANCE** ..... F, Platform rotate right circuit	
3-	43018GT	SEAL KIT (39345)	
3-	62506GT	VALVE - COUNTERBALANCE** ..... E, Platform rotate left circuit	
3-	43018GT	SEAL KIT (39345)	
4	73807GT	MANIFOLD,ROTATOR,CB*** ..... includes item 3	
4-	62507GT	O-RING, ROTATOR MANIFOLD	

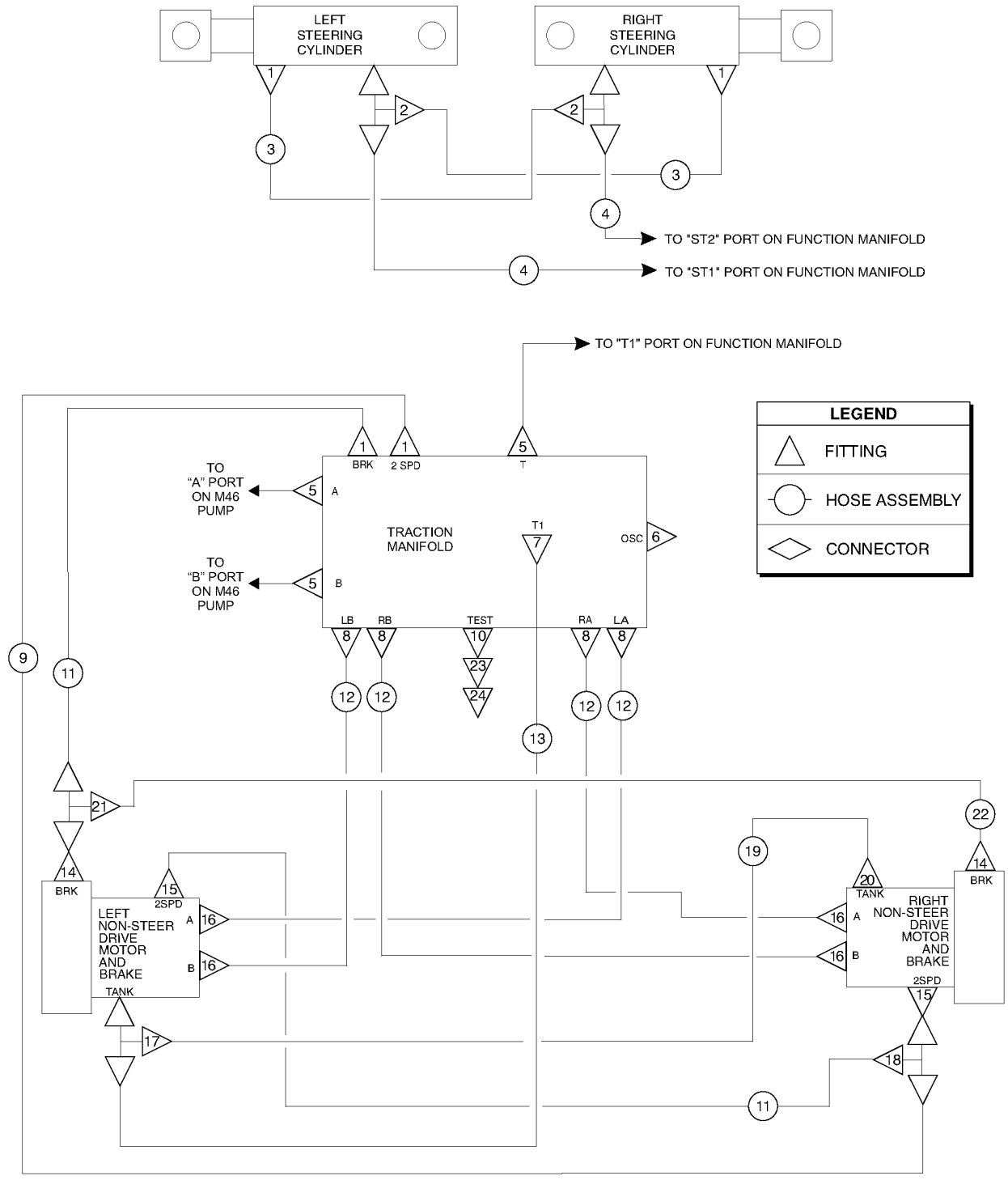

1
G
2
J2
V1
PR2
PR1
J1
Jib Manifold
E
3
GENIE
73807
PR1
PR2
4
3
F
Platform
Rotate Manifold

Item	Part No.	Description	Qty.
1A	89862GT	VALVE-SOLENOID,2POS 3WAY,JIB** .. G, Platform rotate left/right and jib boom up/down, for 88786, does not include the coil or nut, 104759 or 44174	
1A-	89864GT	SEAL KIT,SOLENOID VALVE, SV07	
1A-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
1A-	44174GT	NUT-COIL SHORT	
1B	52897GT	VALVE,SOLENOID, 2POS/3WAY*** G, Platform rotate left/right and jib boom up/down, for 1256670, does not include the coil or nut, 104759 or 44174	
1B-	52371GT	SEAL KIT, VALVE	
1B-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
1B-	44174GT	NUT-COIL SHORT	
2	1256670GT	MANIFOLD,JIB SELECT W/QD PLUG ..... includes item 1, replaced 88786	
2-	52897GT	VALVE,SOLENOID, 2POS/3WAY***	
2-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
2-	44174GT	NUT-COIL SHORT	
2-	52371GT	SEAL KIT, VALVE ..... for 52897	
3	62506GT	VALVE - COUNTERBALANCE** ..... E and F, Platform rotate circuit	1
3-	43018GT	SEAL KIT (39345) ..... for 62506	
4	73807GT	MANIFOLD,ROTATOR,CB*** ..... includes item 3	1
4-	62507GT	O-RING, ROTATOR MANIFOLD ..... for 62507	
4-	62507GT	O-RING, ROTATOR MANIFOLD	
4-	43018GT	SEAL KIT (39345)	

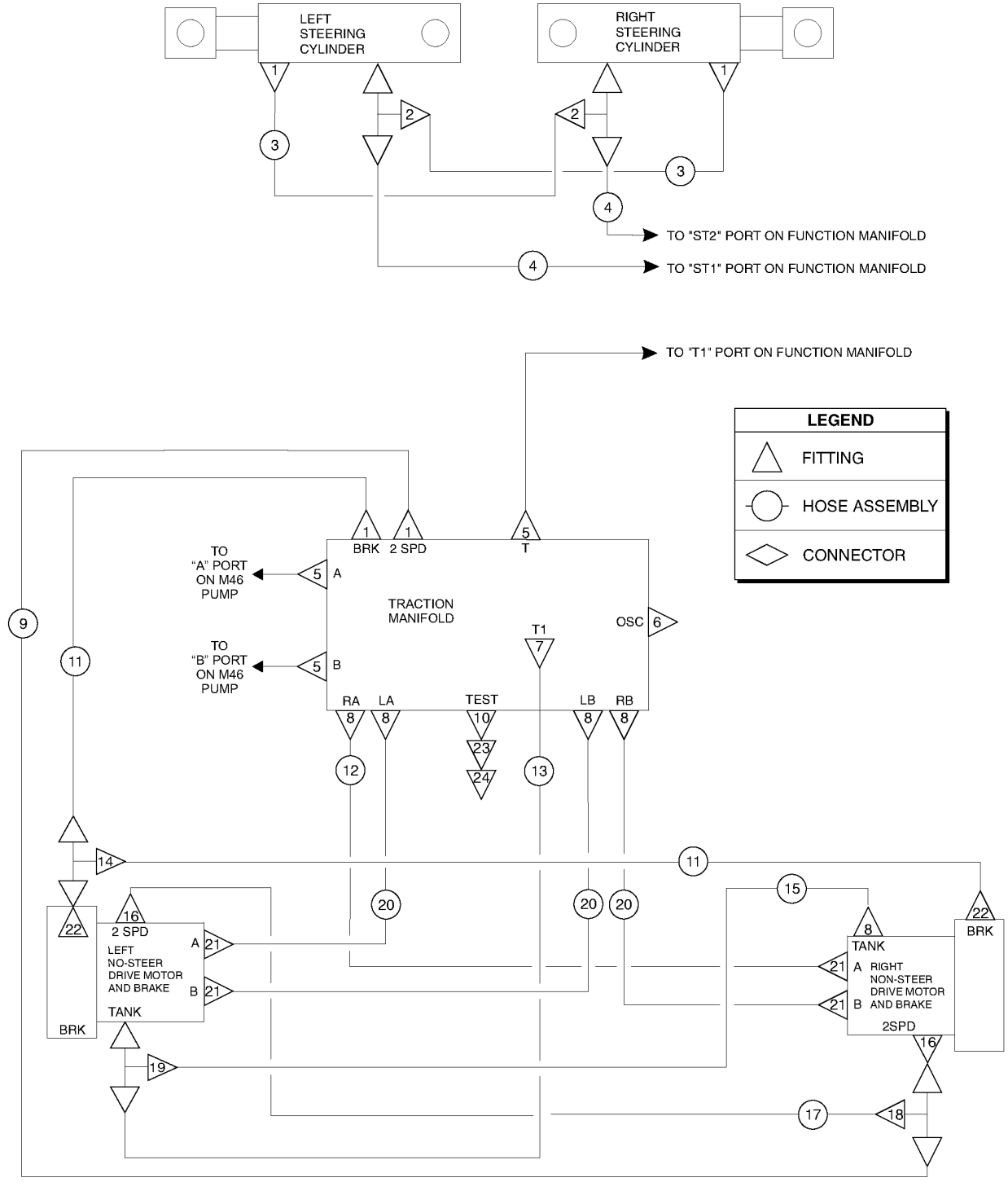

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6

705.1 Pumps

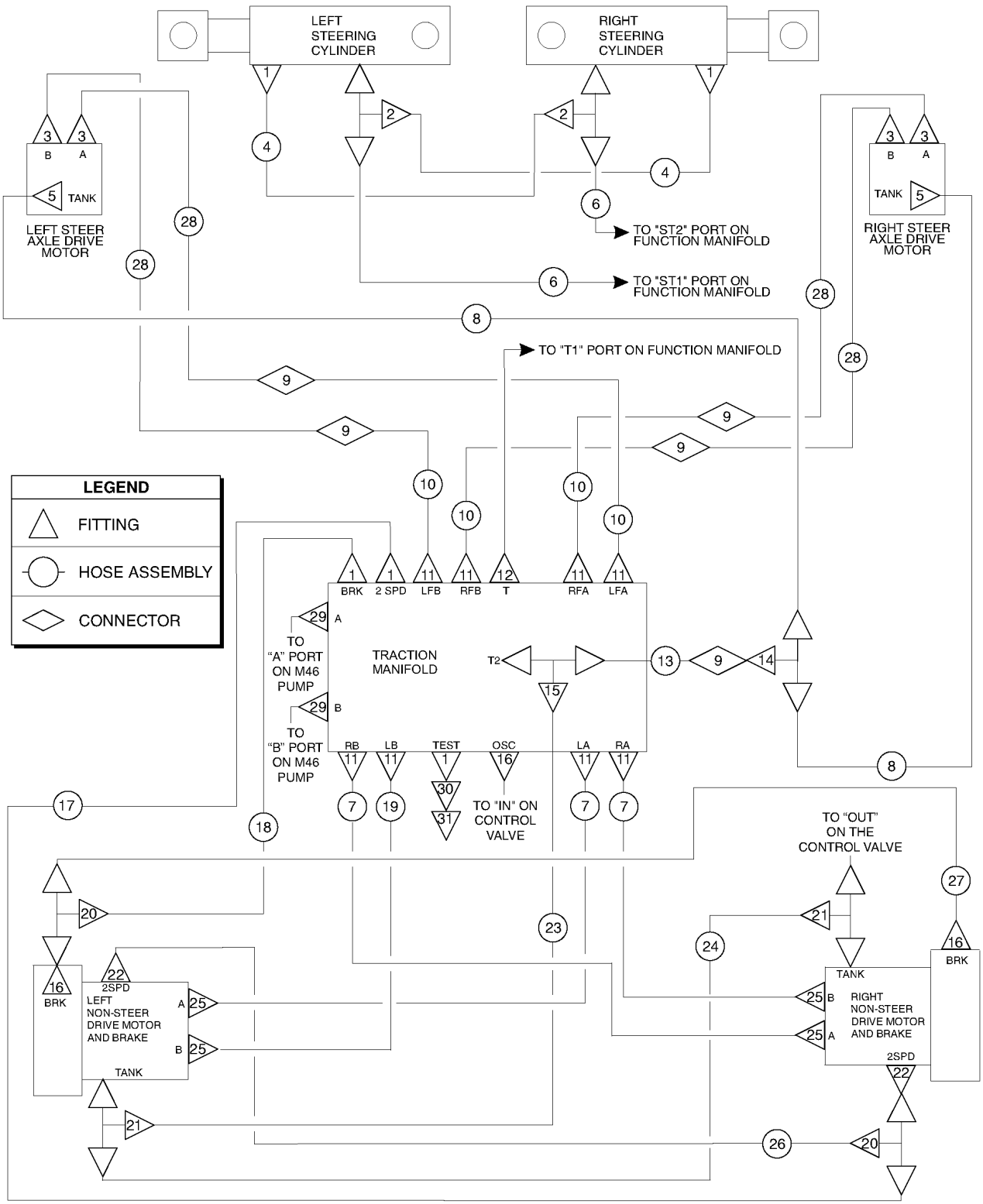
Item	Part No.	Description	Qty.
1	81013GT	PUMP,PIGGBACK,11CC,11 TOOTH	1
1-	81669GT	SEAL KIT,11 TOOTH PUMP***	
2	43683GT	O-RING,2-042 N674-70***	1
3	77788GT	PUMP,PISTON,49CC***	1
3-	9990420GT	Shaft 15TM X ¾-11TM	
3-	43683GT	O-RING,2-042 N674-70***	
3-	58431GT	SEAL KIT,PUMP SHAFT (EATON)*** check pump date code, if after 031505, must also order 107813 qty 1	
3-	82431GT	HOSE ASM-JCAF310-06-41	
3-	1286043GT	KIT,SOLENOID REPLACEMENT,EATON (77788) includes two coils	
3-	1285506GT	SEAL RING,SOLENOID CONTROL (for 1286043GT)	
3-	101294GT	KIT,CHARGE PUMP	
3-	106835GT	CONTROLLER W/O COILS (77788) (first time replacement requires 1285505GT)	
3-	1285505GT	KIT,SOLENOID CONTROL SERVICE	
3-	106836GT	O-RING,STEM,EATON	
3-	106837GT	NUT,STEM,EATON***	
3-	107813GT	SPACER,EATON PUMP SHAFT SEAL** check pump date code, for pumps after 031505	
3-	107814GT	SEAL,SHAFT,EATON PUMP***	
3-	107815GT	SNAP RING,PUMP SHAFT SEAL***	
3-	107842GT	KIT,PUMP SHAFT SEAL W/INST*** includes PNs 107813, 107814, 107815	
3-	128423GT	KIT,CHARGE PUMP HOUSING	
3-	9990606GT	COVER PLATE GASKET (Component of 77788GT)	
3-	9990607GT	WASHER SEAL(Component of 77788GT)	
3-	9990608GT	NUT, JAM (Component of 77788GT)	
4	33988GT	SCREW,SHC,3/8-16 X 1	2
5	57201GT	WASHER,FLAT,313, HARDENED	2
6	22788GT	SCREW,HHC,1/2-13 X 1.75	2
7	13066GT	WASHER,FLAT,.5 HARDENED	2


LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
TO "ST2" PORT ON FUNCTION MANIFOLD
TO "ST1" PORT ON FUNCTION MANIFOLD
TO "T1" PORT ON FUNCTION MANIFOLD
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
TO "A" PORT ON M46 PUMP
TO "B" PORT ON M46 PUMP
TRACTION MANIFOLD
BRK
2 SPD
T
T1
OSC
LB
RB
TEST
RA
LA
LEFT NON-STEER DRIVE MOTOR AND BRAKE
RIGHT NON-STEER DRIVE MOTOR AND BRAKE
TANK
2SPD

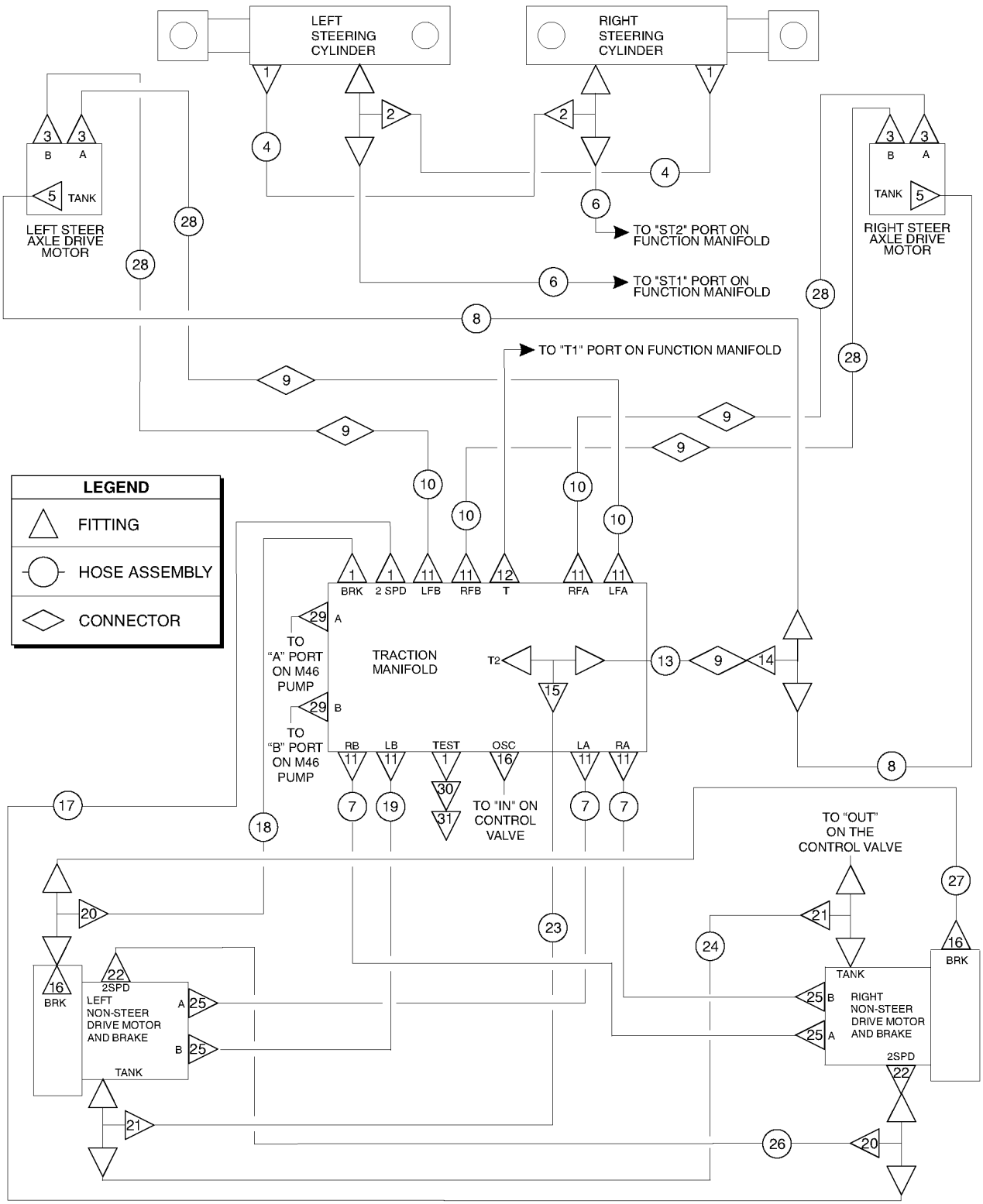
Item	Part No.	Description	Qty.
		The hose lengths below reflect the length of the hose only. Refer to the 'Fittings Cross Reference' to match Genie part numbers to Parker part numbers.	
1	48904GT	ELBOW, 90D, 520220-4	4
2	48906GT	TEE,RUN,520428-4	2
3	49119-3203GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
4	49117-14391GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
5	48960GT	FITTING,CONN,520120-12***	3
6	49859GT	PLUG,HEX,090109A-4 non-oscillating models	1
6	48905GT	CONNECTOR, 520120-4 oscillating models	
7	48932GT	FITTING,ELBOW,90D,520220-8***	1
8	48933GT	CONN,520120-8***	4
9	49117-6091GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
10	48907GT	ELBOW,45D,520320-4	1
11	49117-5091GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
12	81812-3992GT	HOSE ASSY,1/2,STR FEM,STR FEM	4
13	94464-4986GT	HOSE ASSY,1/2"***	1
14	48905GT	CONNECTOR, 520120-4	2
15	48911GT	ELBOW,90D,520220-4-6***	2
16	48947GT	ELBOW,90D,520220-8-12	4
17	48936GT	TEE,BRANCH,520429-8	1
18	48891GT	FITTING,TEE,BRANCH,520433-4	1
19	94464-6286GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
20	48936GT	TEE,BRANCH,520429-8	1
21	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	1
22	49119-5378GT	HOSE ASSY,1/4,STR FEM,STR FEM*	1
23	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	1
24	48880GT	CAP,DIAGNOSTIC NIPPLE	1


LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
TO "ST2" PORT ON FUNCTION MANIFOLD
TO "ST1" PORT ON FUNCTION MANIFOLD
TO "T1" PORT ON FUNCTION MANIFOLD
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
TRACTION MANIFOLD
BRK
2 SPD
T
A
B
OSC
T1
RA
LA
TEST
LB
RB
TO "A" PORT ON M46 PUMP
TO "B" PORT ON M46 PUMP
2 SPD
LEFT NO-STEER DRIVE MOTOR AND BRAKE
TANK
BRK
RIGHT NON-STEER DRIVE MOTOR AND BRAKE
2SPD

Item	Part No.	Description	Qty.
		The hose lengths below reflect the length of the hose only. Refer to the 'Fittings Cross Reference' to match Genie part numbers to Parker part numbers.	
1	48904GT	ELBOW, 90D, 520220-4	4
2	48906GT	TEE,RUN,520428-4	2
3	49119-2078GT	HOSE ASSY,1/4,STR FEM,STR FEM*	1
4	49117-11091GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
5	48960GT	FITTING,CONN,520120-12***	3
6	49859GT	PLUG,HEX,090109A-4	1
7	48932GT	FITTING,ELBOW,90D,520220-8***	1
8	48933GT	CONN,520120-8***	5
9	49117-5291GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
10	48907GT	ELBOW,45D,520320-4	1
11	49119-3778GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
12	81812-3592GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
13	94464-4386GT	HOSE ASSY,1/2"	1
14	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	1
15	94464-4886GT	HOSE ASSY,1/2 STR FEM,STR FEM	1
16	48912GT	CONN,520120-4-6***	2
17	49117-3291GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
18	48891GT	FITTING,TEE,BRANCH,520433-4	1
19	48936GT	TEE,BRANCH,520429-8	1
20	81812-3592GT	HOSE ASSY,1/2,STR FEM,STR FEM	3
21	48947GT	ELBOW,90D,520220-8-12	4
22	48905GT	CONNECTOR, 520120-4	2
23	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	1
24	48880GT	CAP,DIAGNOSTIC NIPPLE	1

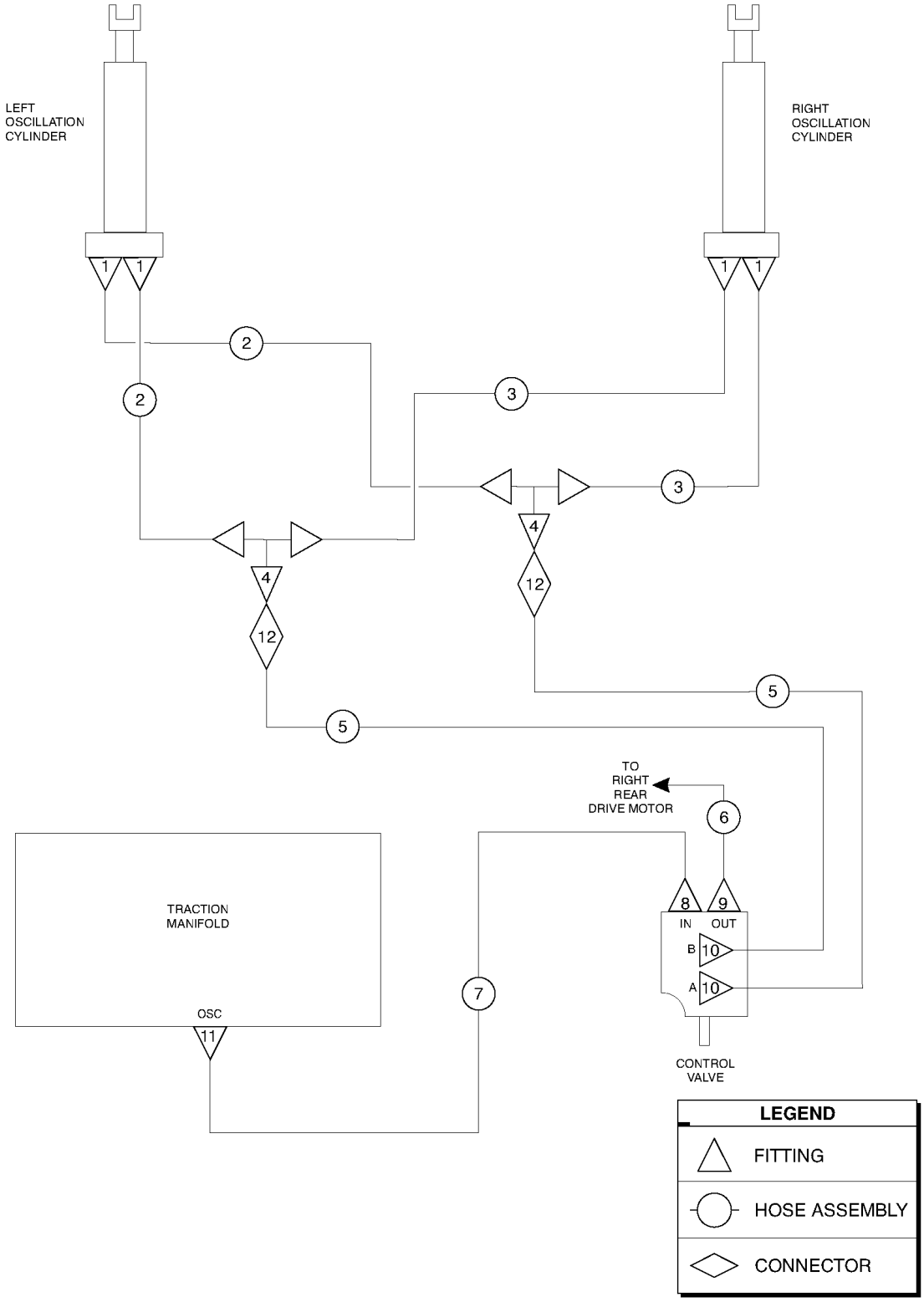

LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
LEFT STEER AXLE DRIVE MOTOR
RIGHT STEER AXLE DRIVE MOTOR
TANK
TO "ST2" PORT ON FUNCTION MANIFOLD
TO "ST1" PORT ON FUNCTION MANIFOLD
TO "T1" PORT ON FUNCTION MANIFOLD
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
TRACTION MANIFOLD
BRK
2 SPD
LFB
RFB
T
RFA
LFA
TO "A" PORT ON M46 PUMP
TO "B" PORT ON M46 PUMP
RB
LB
TEST
OSC
LA
RA
TO "IN" ON CONTROL VALVE
TO "OUT" ON THE CONTROL VALVE
LEFT NON-STEER DRIVE MOTOR AND BRAKE
RIGHT NON-STEER DRIVE MOTOR AND BRAKE
2SPD

Item	Part No.	Description	Qty.
		The hose lengths below reflect the length of the hose only. Refer to the 'Fittings Cross Reference' to match Genie part numbers to Parker part numbers.	
1	48904GT	ELBOW, 90D, 520220-4	5
2	48906GT	TEE,RUN,520428-4	2
3	48946GT	CONN,520120-8-10	4
4	49119-3203GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
5	48930GT	CONN,520120-6-8	2
6	49117-14391GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
7	61143-3963GT	HOSE ASSY,1/2,45 FEM STR FEM	3
8	49133-5140GT	HOSE ASSY,T FITTING/DRIVEMOTOR	2
9	77309GT	NUT,BULKHEAD,520118-8	5
10	81812-7628GT	ASSY,HOSE,HYD,-8,4250,STR,STR	4
11	48933GT	CONN,520120-8***	8
12	48948GT	CONN,520120-8-12	1
13	77311-5906GT	HOSE ASSY,BRKT./D.MANIFOLD	1
14	48939GT	TEE,BRANCH,520433-8	1
15	48936GT	TEE,BRANCH,520429-8	1
16	48905GT	CONNECTOR, 520120-4	3
17	49117-6141GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
18	49117-5091GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
19	81812-3892GT	HOSE ASSY,1/2"	1
20	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	2
21	48935GT	TEE,RUN, 520428-8	2
22	48911GT	ELBOW,90D,520220-4-6***	2
23	94464-4886GT	HOSE ASSY,1/2 STR FEM,STR FEM	1
24	94464-6586GT	HOSE ASSY,1/2"	1
25	48947GT	ELBOW,90D,520220-8-12	4
26	49119-5203GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
27	49119-5778GT	HOSE ASSY,1/4,STR FEM,STR FEM	1

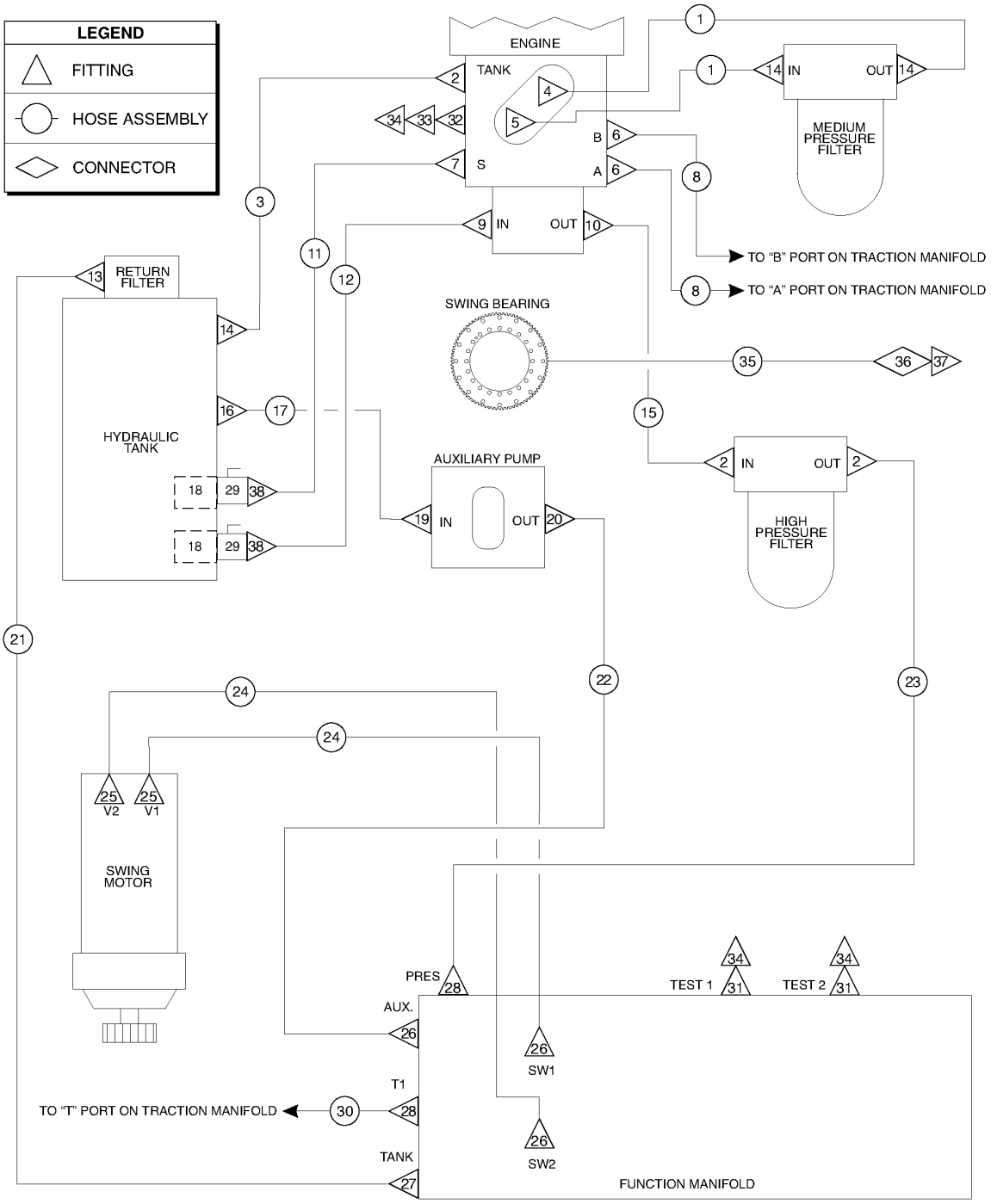

LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
LEFT STEER AXLE DRIVE MOTOR
RIGHT STEER AXLE DRIVE MOTOR
TANK
TO "ST2" PORT ON FUNCTION MANIFOLD
TO "ST1" PORT ON FUNCTION MANIFOLD
TO "T1" PORT ON FUNCTION MANIFOLD
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
TRACTION MANIFOLD
BRK
2 SPD
LFB
RFB
T
RFA
LFA
TO "A" PORT ON M46 PUMP
TO "B" PORT ON M46 PUMP
RB
LB
TEST
OSC
LA
RA
TO "IN" ON CONTROL VALVE
TO "OUT" ON THE CONTROL VALVE
2SPD
LEFT NON-STEER DRIVE MOTOR AND BRAKE
RIGHT NON-STEER DRIVE MOTOR AND BRAKE

Item	Part No.	Description	Qty.
28	77312-3577GT	HOSE ASSY,DMANIF/LR&RR BRAKE	4
29	48960GT	FITTING,CONN,520120-12***	2
30	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	1
31	48880GT	CAP,DIAGNOSTIC NIPPLE	1

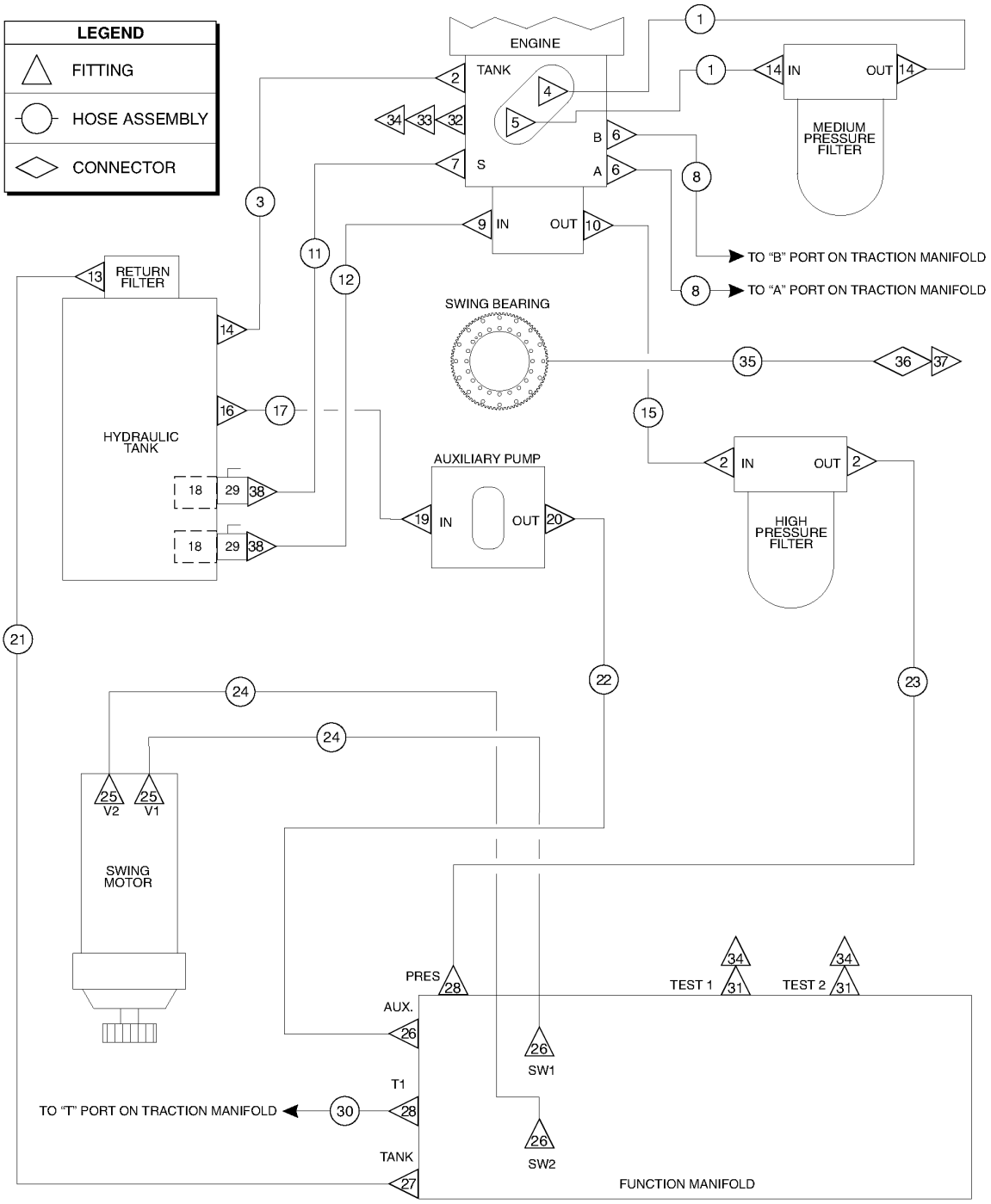
804.1 Oscillate System



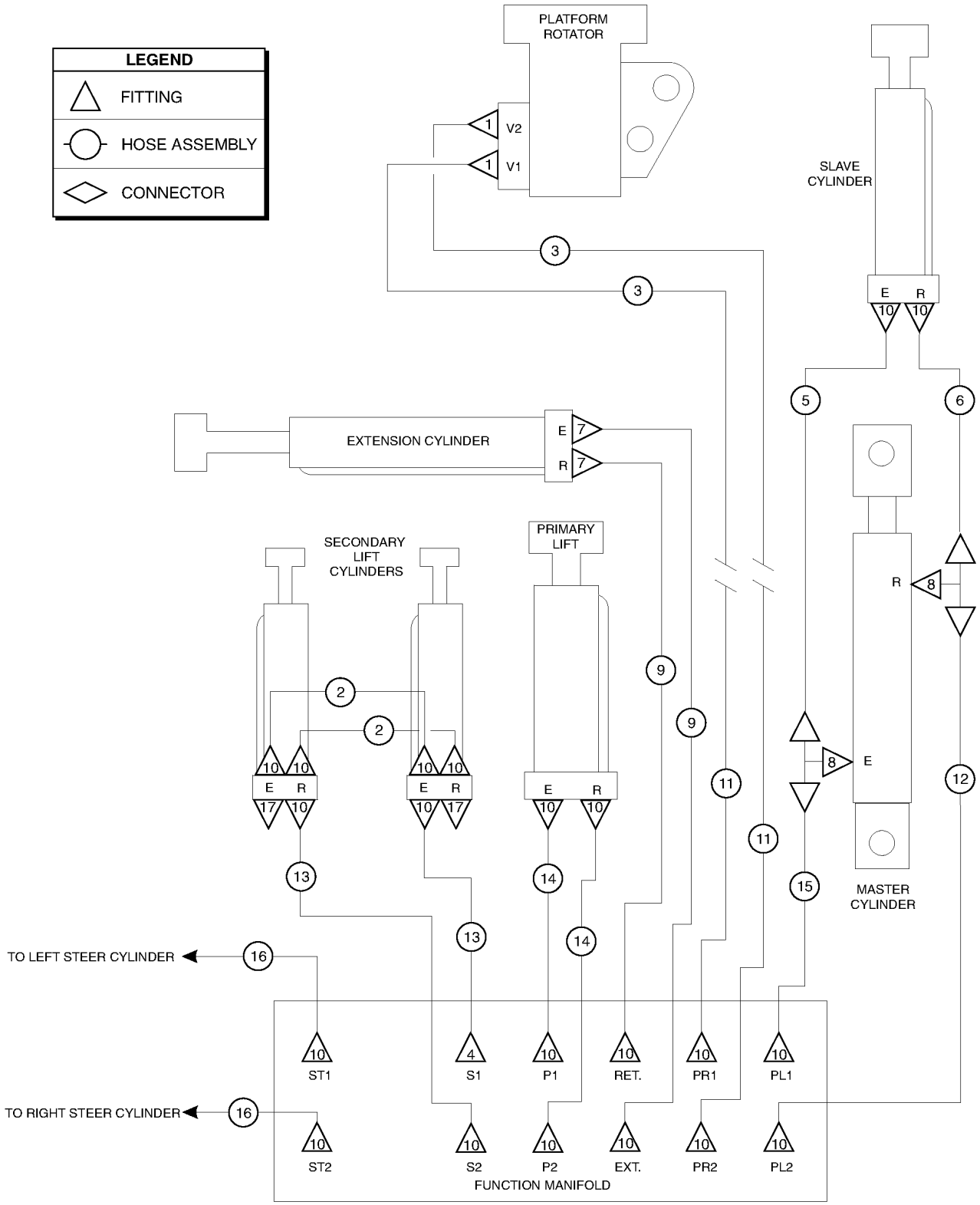
Item	Part No.	Description	Qty.
		The hose lengths below reflect the length of the hose only. Refer to the 'Fittings Cross Reference' to match Genie part numbers to Parker part numbers.	
1	48912GT	CONN,520120-4-6***	4
2	49117-2091GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
3	49117-3191GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
4	48891GT	FITTING,TEE,BRANCH,520433-4	2
5	88636-9073GT	HOSE ASSY 1/4,STR FEM,STR BULK	2
5	75574GT	NUT,BULKHEAD,520118-4 (item sold seperately)	
6	94464-5086GT	HOSE ASSY,1/2"	1
7	49117-3791GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
8	48914GT	CONN,520120-4-8	1
9	48933GT	CONN,520120-8***	1
10	48911GT	ELBOW,90D,520220-4-6***	2
11	48905GT	CONNECTOR, 520120-4	1
12	75574GT	NUT,BULKHEAD,520118-4	2


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
ENGINE
TANK
S
B
A
IN
OUT
MEDIUM PRESSURE FILTER
TO "B" PORT ON TRACTION MANIFOLD
TO "A" PORT ON TRACTION MANIFOLD
RETURN FILTER
SWING BEARING
HYDRAULIC TANK
AUXILIARY PUMP
HIGH PRESSURE FILTER
SWING MOTOR
V2
V1
PRES
AUX.
TEST 1
TEST 2
SW1
SW2
T1
TO "T" PORT ON TRACTION MANIFOLD
TANK
FUNCTION MANIFOLD

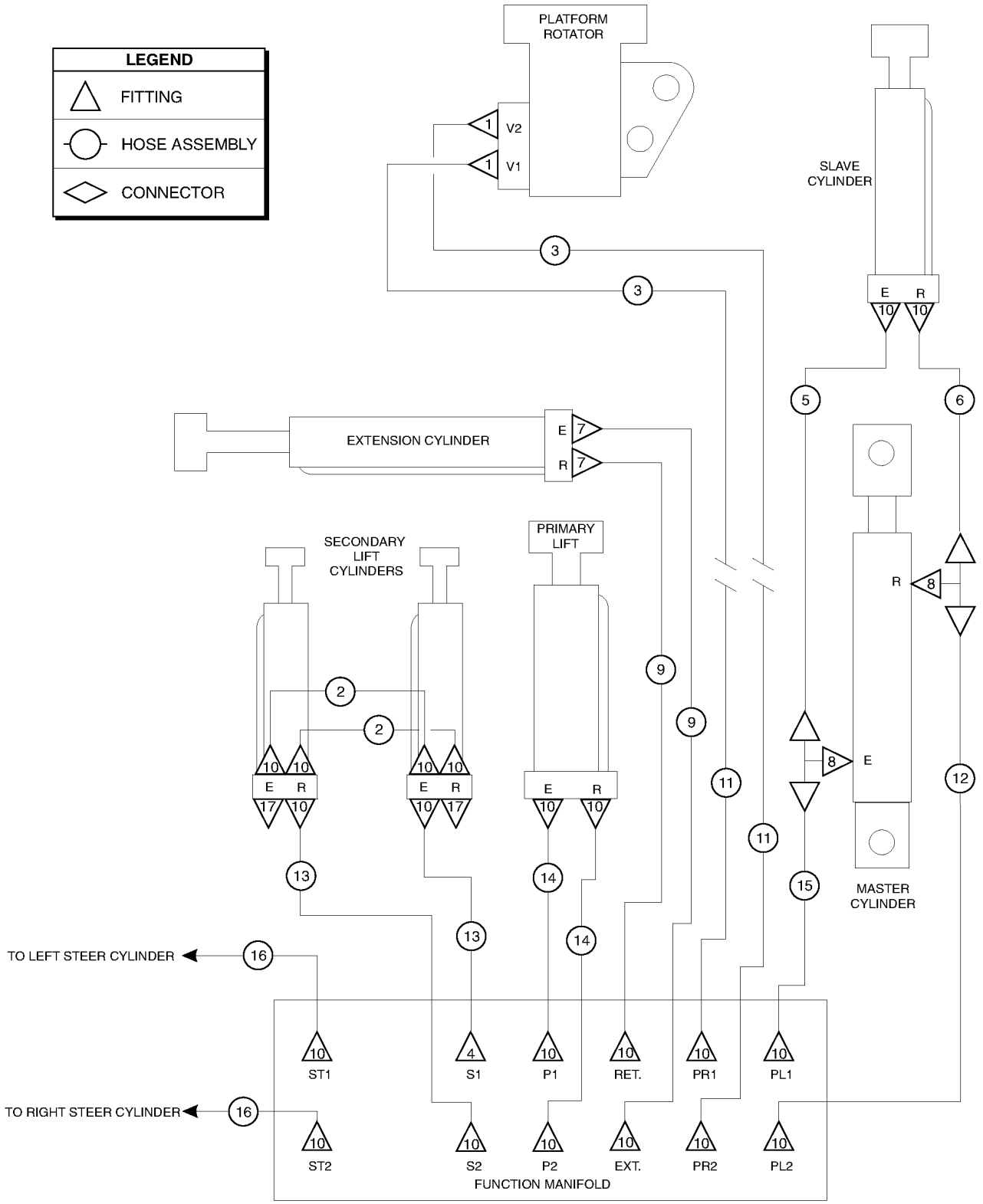
Item	Part No.	Description	Qty.
		The hose lengths below reflect the length of the hose only. Refer to the 'Fittings Cross Reference' to match Genie part numbers to Parker part numbers.	
1	49141-2350GT	HOSE ASSY,1/2,45 FEM,STR FEM	2
2	48948GT	CONN,520120-8-12	3
3	49141-5863GT	HOSE ASSY,1/2,45 FEM,STR FEM**	1
4	48946GT	CONN,520120-8-10	1
5	48949GT	CONN,520120-8-16	1
6	48978GT	ELBOW,45D,520320-12-16	2
7	48985GT	ELBOW,45D,520320-16	1
8	94374-10830GT	HOSE ASSY,3/4,90 FEM,STR FEM	2
8	48767GT	SLEEVE,NYLON,1.42 ID	20
9	48983GT	ELBOW,90D,520220-16	1
10	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	1
11	119993-3828GT	HOSE ASSY 1",STR FEM,STR FEM	1
11	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100')	18
12	119993-4928GT	HOSE ASSY 1",STR FEM,STR FEM	1
12	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100')	29
13	48977GT	CONN,520120-12-16	1
14	48932GT	FITTING,ELBOW,90D,520220-8***	3
15	75278-1829GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
15	75278-2229GT	HOSE ASSY,1/2,90 FEM,STR FEM Models with hostile environment package	1
16	48930GT	CONN,520120-6-8	1
17	70639-2878GT	HOSE ASSY,3/8,STR FEM,90D FEM	1
18	147419GT	KIT,STRAINER REPLACEMENT	2
19	48916GT	CONN, 520120-6	1
20	48912GT	CONN,520120-4-6***	1
21	49150-3630GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
22	49119-5878GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
23	75278-8229GT	HOSE ASSY,1/2,90 FEM,STR FEM	1


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
ENGINE
TANK
S
B
A
IN
OUT
MEDIUM PRESSURE FILTER
TO "B" PORT ON TRACTION MANIFOLD
TO "A" PORT ON TRACTION MANIFOLD
RETURN FILTER
SWING BEARING
HYDRAULIC TANK
AUXILIARY PUMP
HIGH PRESSURE FILTER
SWING MOTOR
V2
V1
PRES
AUX.
TEST 1
TEST 2
SW1
SW2
T1
TO "T" PORT ON TRACTION MANIFOLD
TANK
FUNCTION MANIFOLD

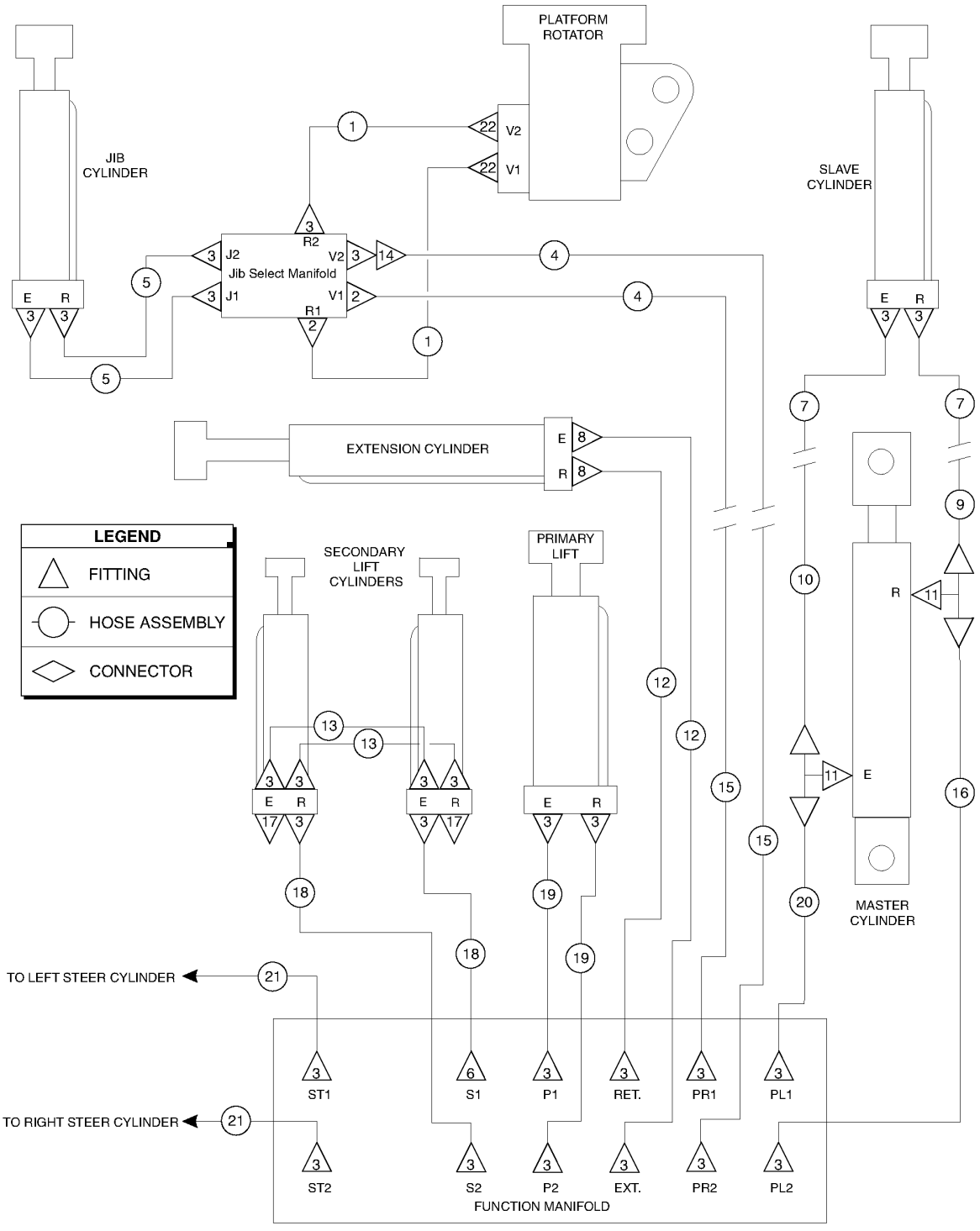
Item	Part No.	Description	Qty.
24	49119-5078GT	HOSE ASSY,1/4,STR FEM,STR FEM*	2
25	48904GT	ELBOW, 90D, 520220-4	2
26	48905GT	CONNECTOR, 520120-4	3
27	48959GT	FITTING,ELBOW,90D,520220-12	1
28	48933GT	CONN,520120-8***	2
29	48996GT	VALVE,BALL,16 MSAE-16 FSAE***	2
30	49183-10692GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
31	48997GT	NIPPLE,DIAGNOSTIC,#4	2
32	48914GT	CONN,520120-4-8	1
33	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	1
34	48880GT	CAP,DIAGNOSTIC NIPPLE	3
35	88635-4024GT	HOSE ASSY 1/4,STR FEM,PIPETHRE	1
36	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	1
37	94643GT	ZERK,GREASE,5/16-24,STRAIT	1
38	48984GT	CONN, 520120-16	2


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
PLATFORM ROTATOR
1 V2
1 V1
SLAVE CYLINDER
3
3
E 10
R 10
5
6
EXTENSION CYLINDER
E 7
R 7
SECONDARY LIFT CYLINDERS
PRIMARY LIFT
R 8
9
9
2
2
10 10
E R
17 10
10 10
E R
10 17
10 10
E R
10 10
8 E
11
12
11
13
14
15
MASTER CYLINDER
13
14
TO LEFT STEER CYLINDER
16
TO RIGHT STEER CYLINDER
16
10 ST1
4 S1
10 P1
10 RET.
10 PR1
10 PL1
10 ST2
10 S2
10 P2
10 EXT.
10 PR2
10 PL2
FUNCTION MANIFOLD

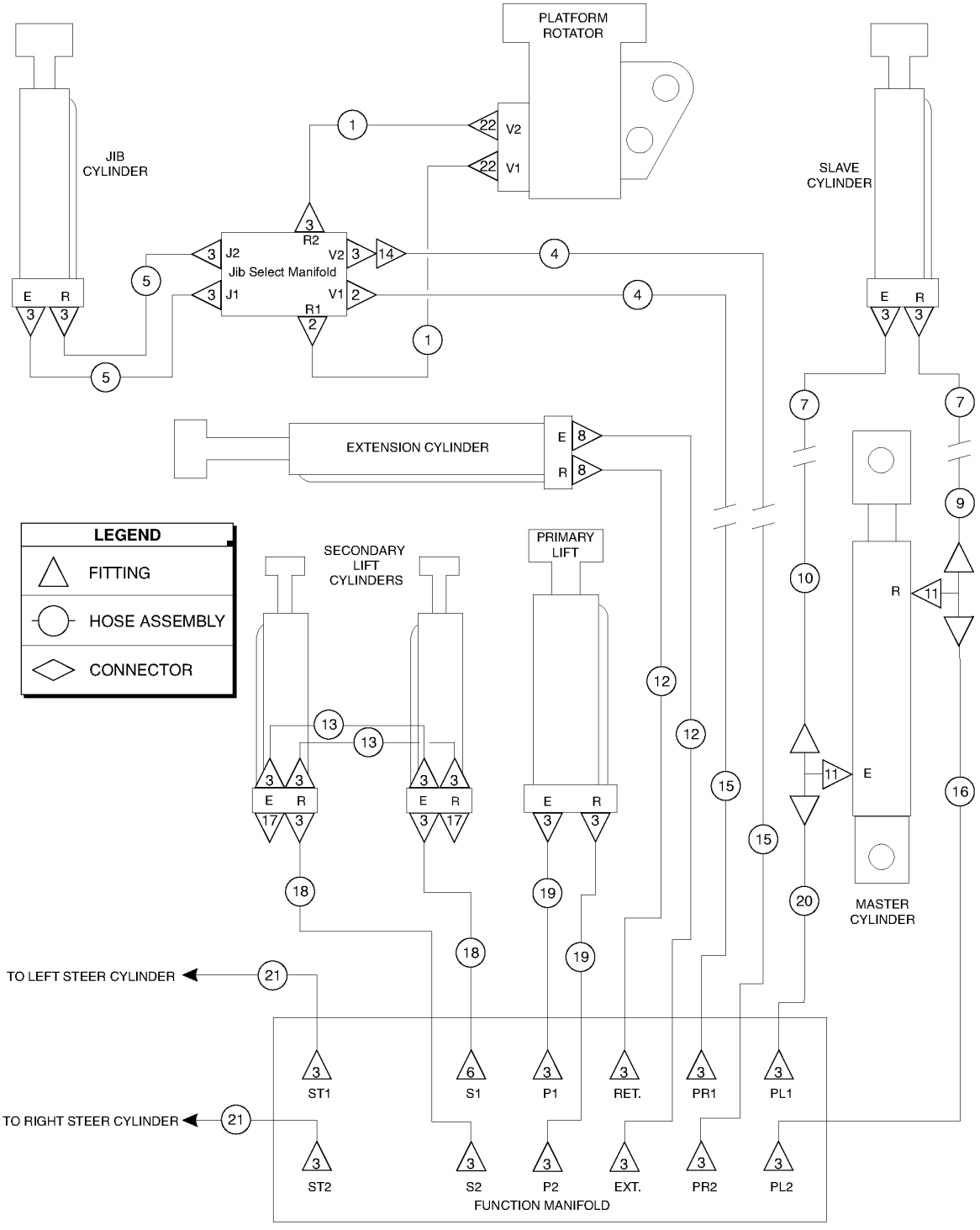
Item	Part No.	Description	Qty.
		The hose lengths below reflect the length of the hose only. Refer to the 'Fittings Cross Reference' to match Genie part numbers to Parker part numbers.	
	77103GT	SLEEVE,NYLON,3.13 ID protective hose sleeve, 3.13" diameter	27 inches
	77103GT	SLEEVE,NYLON,3.13 ID protective hose sleeve, 3.13" diameter	48 inches
	48767GT	SLEEVE,NYLON,1.42 ID protective hose sleeve, 1.42" diameter	25 inches
	48767GT	SLEEVE,NYLON,1.42 ID protective hose sleeve, 1.42" diameter	33 inches
	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') protective hose sleeve, 2.00" diameter	18 inches
	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') protective hose sleeve, 2.00" diameter	23 inches
	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') protective hose sleeve, 2.00" diameter	28 inches
1	48907GT	ELBOW,45D,520320-4	2
2	49119-2278GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
3	49121-25688GT	HOSE ASSY 1/4,STR FEM,STR MALE	2
4	48912GT	CONN,520120-4-6***	1
5	49119-26078GT	HOSE ASSY,1/4,STR FEM,STR FEM to SN Z452509A-38910	1
5-	49119-26078GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN Z452509A-38911	
6	49119-27478GT	HOSE ASSY,1/4,STR FEM,STR FEM to SN Z452509A-38910	1
6-	49119-27478GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN Z452509A-38911	
6	48767GT	SLEEVE,NYLON,1.42 ID	7
7	48917GT	CONN,LONG,520122-6	2
8	48890GT	FITTING,TEE,BRANCH,520429-4***	2
9	49120-35381GT	HOSE ASSY 1/4, STR FEM,STR FEM	2
10	48905GT	CONNECTOR, 520120-4	21
11	49119-39378GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
12	49119-36178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
PLATFORM ROTATOR
1 V2
1 V1
SLAVE CYLINDER
3
3
E 10
R 10
5
6
EXTENSION CYLINDER
E 7
R 7
SECONDARY LIFT CYLINDERS
PRIMARY LIFT
R 8
9
9
2
2
10 10
E R
17 10
10 10
E R
10 17
10 10
E R
10 10
8 E
11
12
11
13
14
15
MASTER CYLINDER
13
14
TO LEFT STEER CYLINDER
16
TO RIGHT STEER CYLINDER
16
10 ST1
4 S1
10 P1
10 RET.
10 PR1
10 PL1
10 ST2
10 S2
10 P2
10 EXT.
10 PR2
10 PL2
FUNCTION MANIFOLD

Item	Part No.	Description	Qty.
13	49119-16178GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
14	49119-38578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
15	49119-37678GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
16	49117-14391GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
17	48923GT	PLUG,090109A-6	2

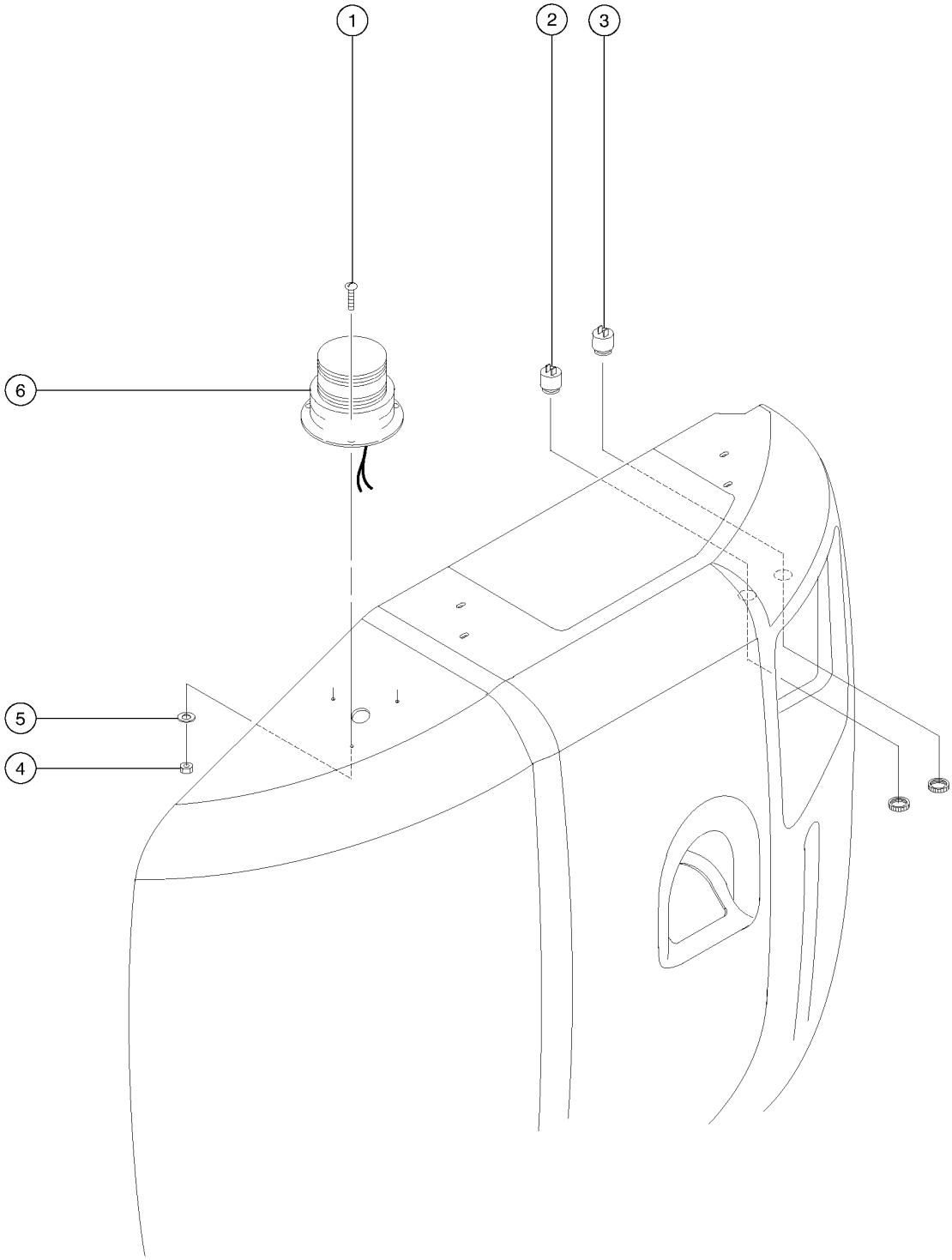

PLATFORM ROTATOR
JIB CYLINDER
SLAVE CYLINDER
Jib Select Manifold
EXTENSION CYLINDER
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
SECONDARY LIFT CYLINDERS
PRIMARY LIFT
MASTER CYLINDER
TO LEFT STEER CYLINDER
TO RIGHT STEER CYLINDER
ST1
ST2
S1
S2
P1
P2
RET.
EXT.
PR1
PR2
PL1
PL2
FUNCTION MANIFOLD

Item	Part No.	Description	Qty.
		The hose lengths below reflect the length of the hose only. Refer to the 'Fittings Cross Reference' to match Genie part numbers to Parker part numbers.	
	77103GT	SLEEVE,NYLON,3.13 ID protective hose sleeve, 3.13" diameter	27 inches
	77103GT	SLEEVE,NYLON,3.13 ID protective hose sleeve, 3.13" diameter	48 inches
	48767GT	SLEEVE,NYLON,1.42 ID protective hose sleeve, 1.42" diameter	25 inches
	48767GT	SLEEVE,NYLON,1.42 ID protective hose sleeve, 1.42" diameter	33 inches
	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') protective hose sleeve, 2.00" diameter	18 inches
	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') protective hose sleeve, 2.00" diameter	23 inches
	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') protective hose sleeve, 2.00" diameter	28 inches
1	49119-2374GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	2
2	48904GT	ELBOW, 90D, 520220-4	2
3	48905GT	CONNECTOR, 520120-4	27
4	49121-27788GT	HOSE ASSY 1/4,STR FEM,STR MALE	2
5	49119-4178GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
5	48767GT	SLEEVE,NYLON,1.42 ID	26 inches
6	48912GT	CONN,520120-4-6***	1
7	49121-2088GT	HOSE ASSY 1/4,STR FEM,STR MALE	2
7	48767GT	SLEEVE,NYLON,1.42 ID	7
8	48917GT	CONN,LONG,520122-6	2
9	49119-20578GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
10	49119-21878GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
11	48890GT	FITTING,TEE,BRANCH,520429-4***	2
12	49120-35381GT	HOSE ASSY 1/4, STR FEM,STR FEM	2
13	49119-2278GT	HOSE ASSY,1/4,STR FEM,STR FEM	2


PLATFORM ROTATOR
JIB CYLINDER
SLAVE CYLINDER
Jib Select Manifold
EXTENSION CYLINDER
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
SECONDARY LIFT CYLINDERS
PRIMARY LIFT
MASTER CYLINDER
TO LEFT STEER CYLINDER
TO RIGHT STEER CYLINDER
ST1
ST2
S1
S2
P1
P2
RET.
EXT.
PR1
PR2
PL1
PL2
FUNCTION MANIFOLD

Item	Part No.	Description	Qty.
14	54132GT	ELBOW,SWIVEL 90D, 520221-4	2
15	49119-39378GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
16	49119-36178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
17	48923GT	PLUG,090109A-6	2
18	49119-16178GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
19	49119-38578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
20	49119-37678GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
21	49117-14391GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
22	48907GT	ELBOW,45D,520320-4	2

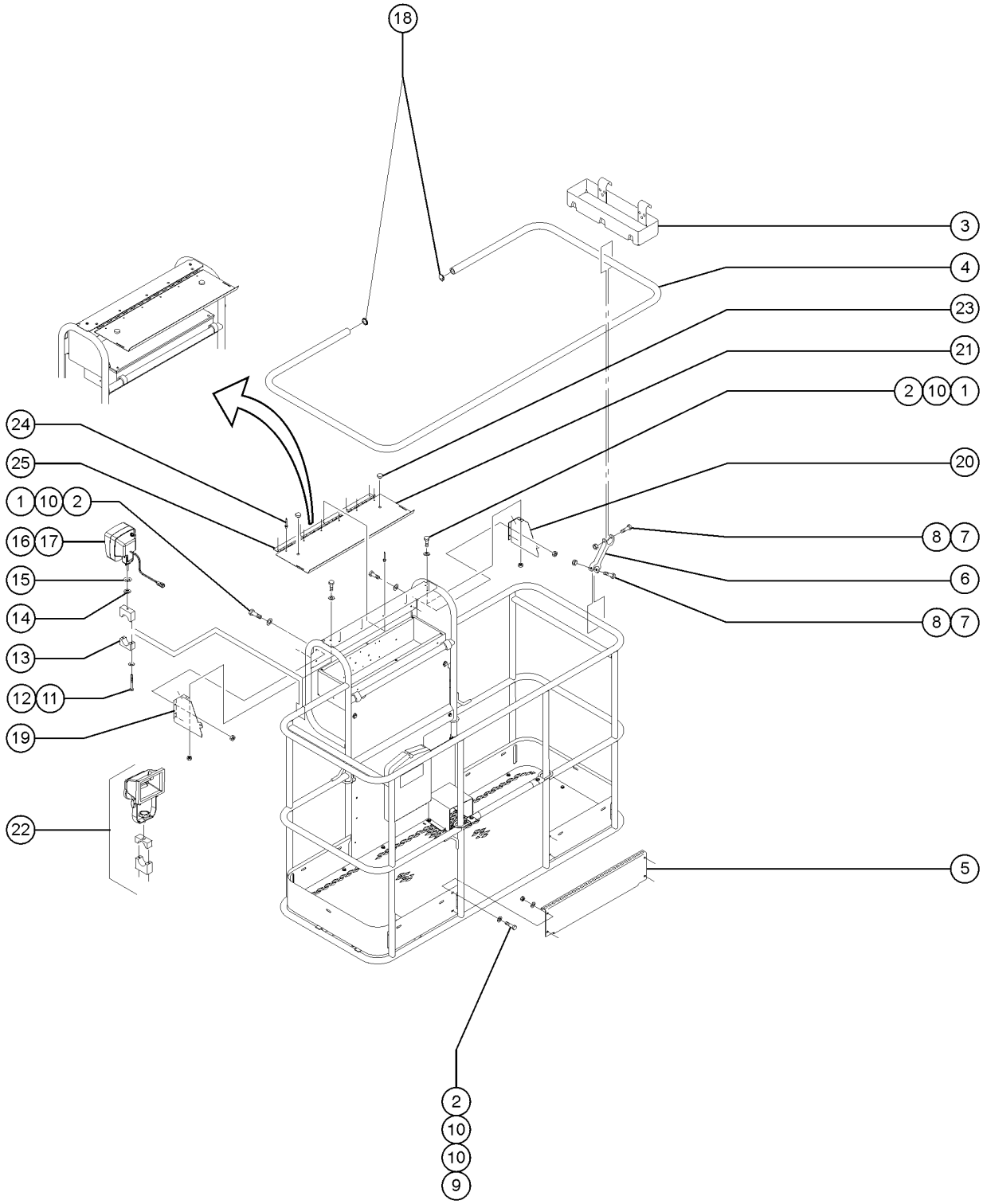
901.1 Alarm and Beacon Package



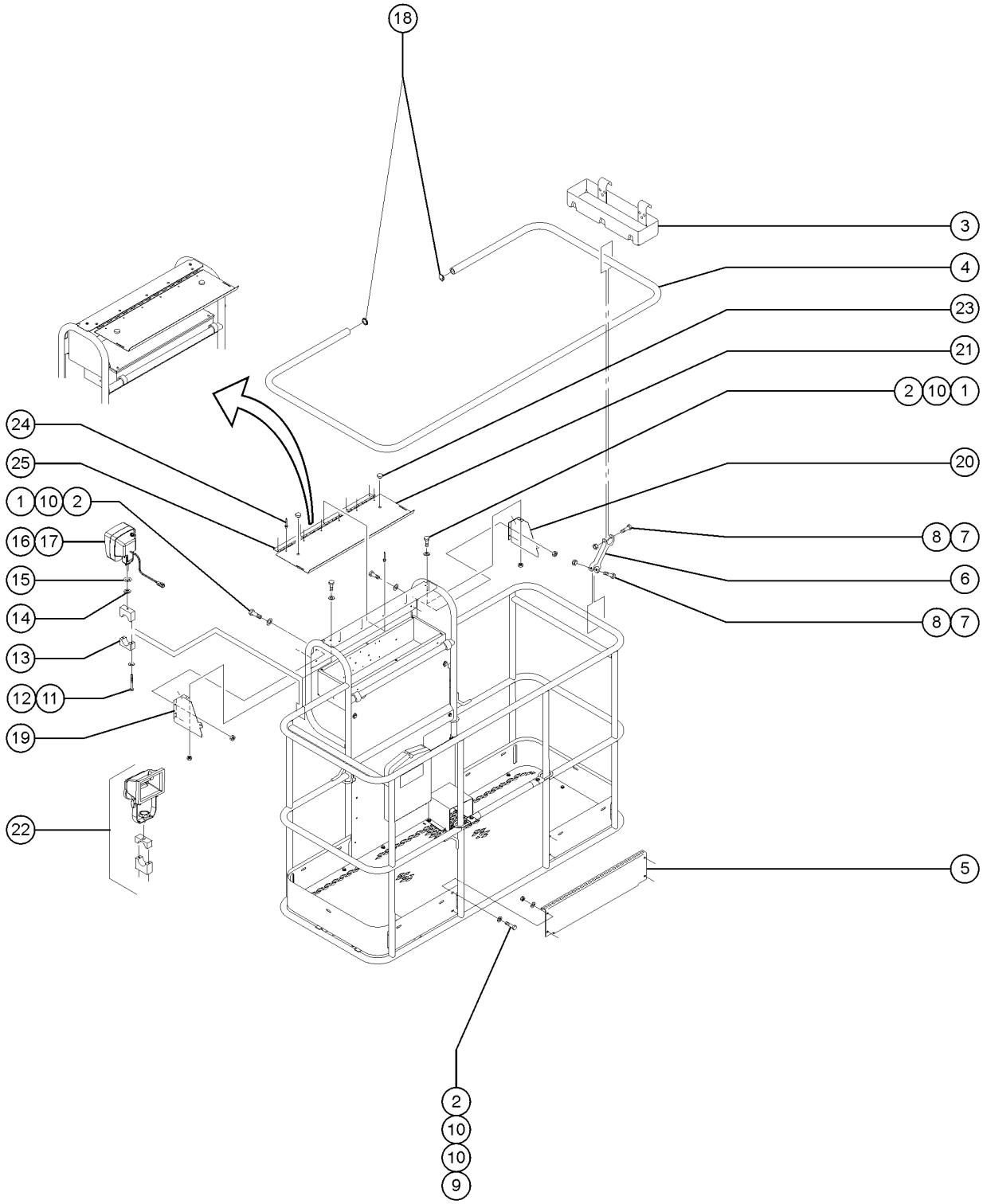
901.1 Alarm and Beacon Package

Item	Part No.	Description	Qty.
	60047-SGT	ALARM PKG,ACC.Z45 IC	
1	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
2	45462GT	ALARM,CHIME TONE 5-25VDC*** Does not include 72326 nut	1
2-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
3	18963GT	ALARM, INTERMITTENT TONE 6-30V* Does not include 72326 nut	1
3	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
4	6178GT	NUT, NYLOCK, 10-32	
5	35461GT	WASHER,FLAT,MS,#8,Y	
6	56704GT	STROBE,FIREBOLT,12-80VDC,AMB**	1
6-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
6-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
6-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	

902.1 Platform Options

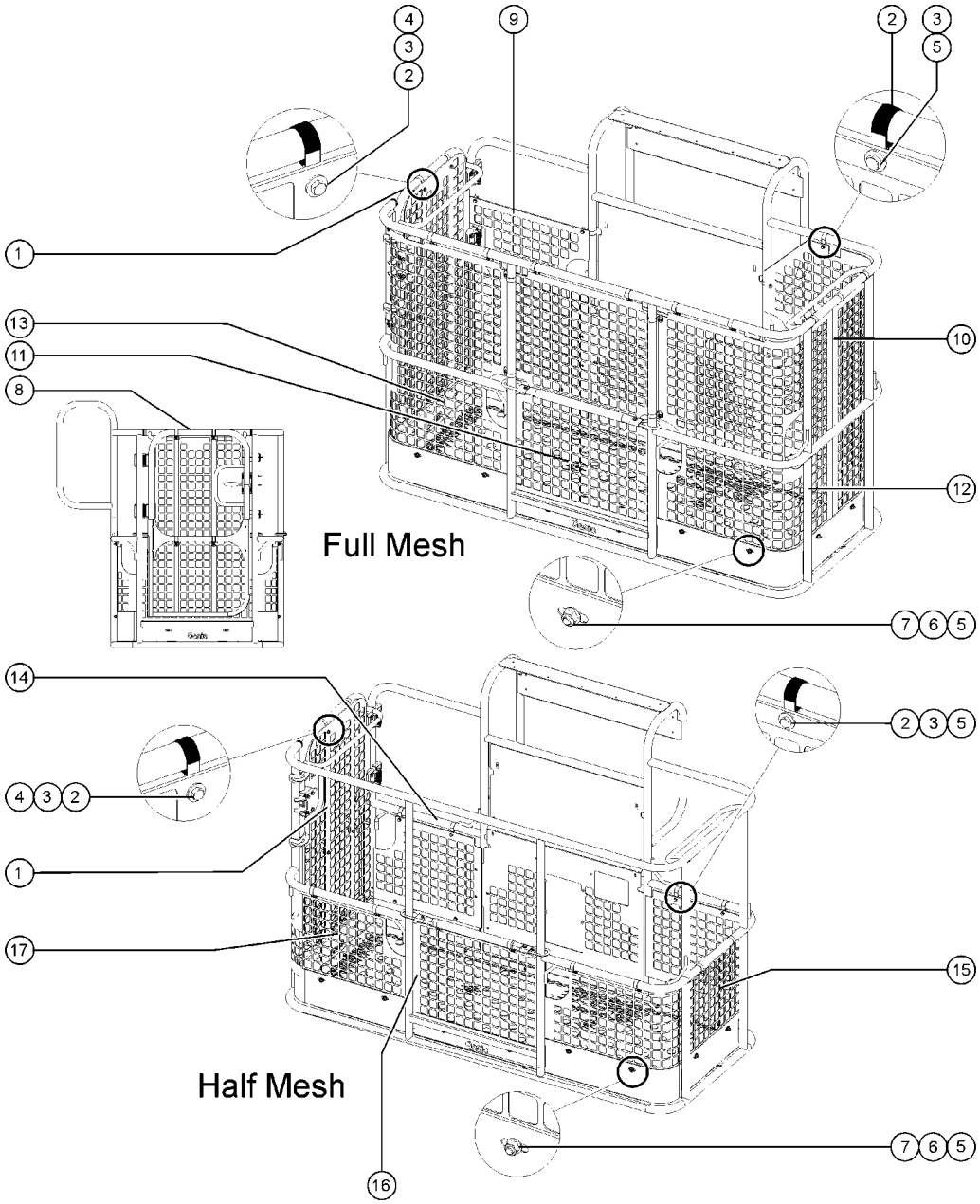


Item	Part No.	Description	Qty.
A-	53157-SGT	PINCH GUARD,6'(1.31")SERVICE**	
B-	53808-SGT	AUX TOP RAIL,6'(1.25")SERVICE	
E-	53807-SGT	AUX TOP RAIL,8'(1.25")SERVICE	
C-	88609-SGT	CONTROL BOX COVER ASSY*** includes mounting fasteners	
G-	122278GT	AUX TOP RAIL,6',SWG GT, SRV	
H-	122279GT	AUX TOP RAIL,8',SWG GT, SRV	
D-	60922GT	OPTION,EURO TOEBOARD includes item 2, 5, 9 and 10	
J-	T109328GT	ACC,PLAT CONTROL COVER, SERV	
1	7339GT	SCREW,HHC,1/4-20 X .5	
2	6091GT	NUT,NYLOCK,1/4-20	
3	9599-SGT	TOOL TRAY ACCESSORY***	1
3-	7746PGT	TOOL TRAY BRACKET (GRAY)	2
4	28329GT	RAILING,PINCH GAURD,4 FT	1
4-	28328GT	RAILING,PINCH GAURD,5 FT.	
5	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
6A	122073GT	SUPPORT, RAILING (from SN 34909)	20
6B	139958GT	KIT, AUX TOP RAIL SUPPORT (to SN 34908)	
7A	4266GT	SCREW,HHC,1/4-20 X 2 (from SN 34909)	
7B	122231GT	SCREW,BHSC,1/4-20 X 1 (to SN 34908)	
8	6889GT	NUT,LP NYLOCK,1/4-20	
9	8914GT	SCREW, HHC, 1/4-20 X .625	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	6356GT	WASHER, LOCK, .25	
12	6145GT	SCREW, HHC, 1/4-20 X 1.5	
11-	147532GT	HARNESS,DRIVE LIGHT OPTION (from SN Z4510A-39314 and from Z4510B-1488)	
13	35956GT	WORK LIGHT MOUNTING BRACKET	2
14	5397GT	WASHER, FLAT, USS, 5/16-18	
15	6886GT	WASHER,LOCK,.313	


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8 7
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1 10 2
16 17
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12 11
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22
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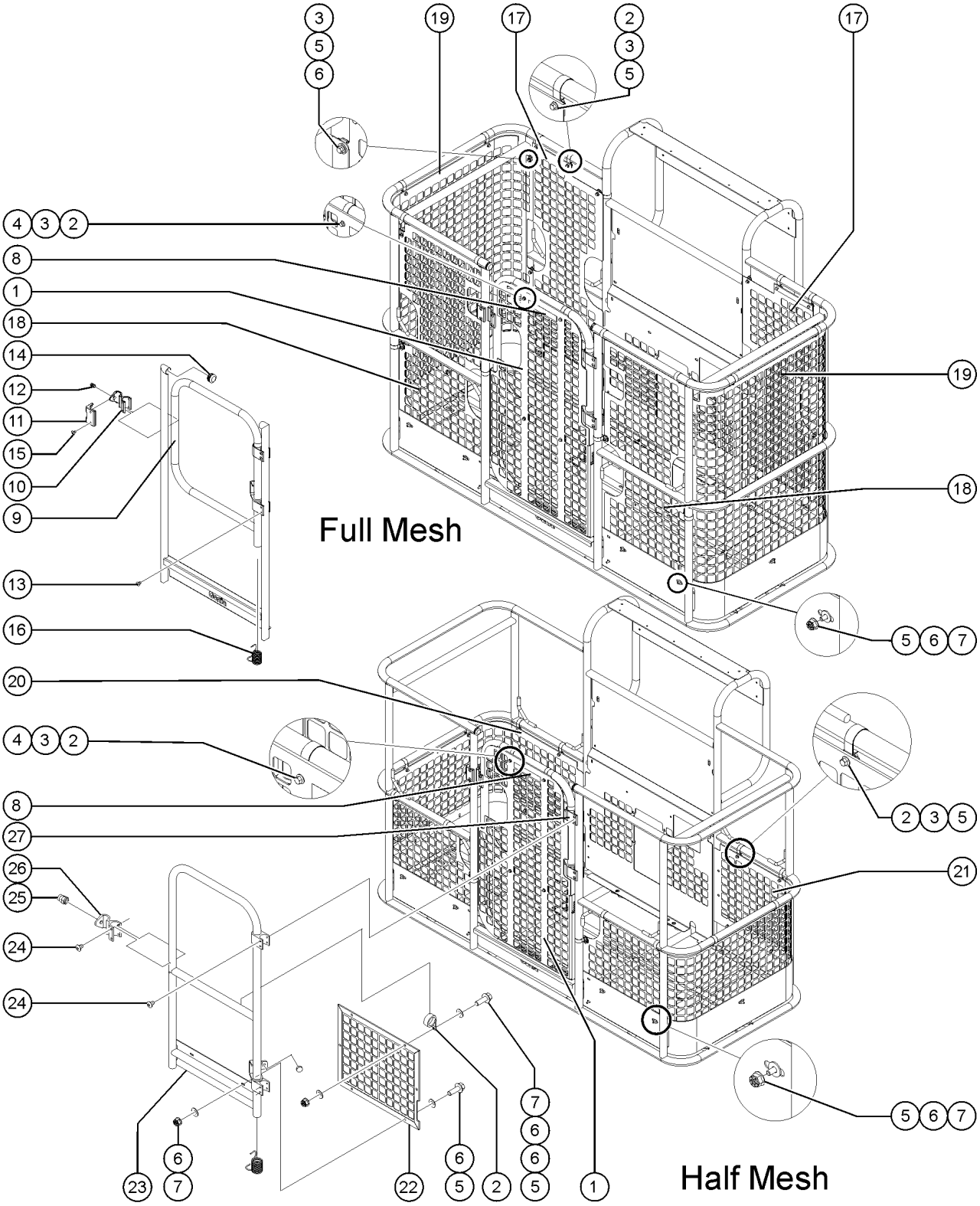
Item	Part No.	Description	Qty.
16	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
17-	35960GT	BULB,WORKLIGHT,12V 35W	
17	107857GT	LIGHT, 12 VOLT replaces 34321GT, customers may need to buy a mounting bracket (35956GT) and other hardware for complete install	2
18	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
19	88607PGT	COVER,CONTROL BOX LEFT SIDE***	1
20	88606PGT	COVER,CONTROL BOX RIGHT SIDE**	1
21	102785PGT	CONTROL BOX COVER,LID,PTD	1
21-	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE (not included - sold seperately)	2
22	1284764GT	WORKLIGHT,110V,250WATT,HALOGEN	2
23	34619GT	BUMPER,RUBBER***	2
24	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	
25	111526GT	HINGE,PLAT CONTROL BOX COVER	1

903.1 Platform Mesh-Side Swing Gate



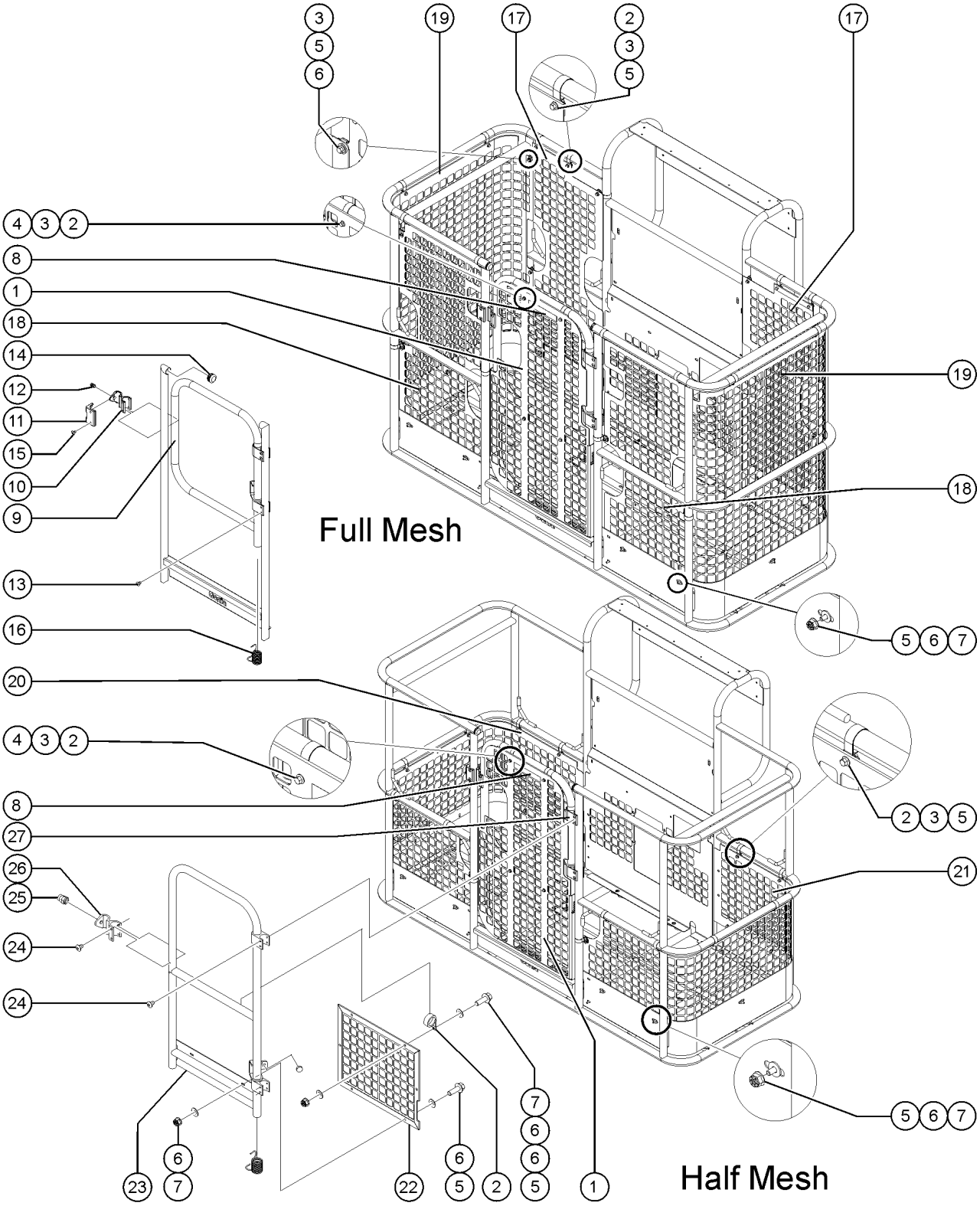
Item	Part No.	Description	Qty.
-	1286622GT	KIT, 6' FULL MESH,SIDE GATE	
-	1275282GT	KIT, 6' HALF MESH,SIDE GATE	
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
6	824113GT	WASHER,FLAT,USS,1/4,ZAG	
7	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
8	1282390GT	LABEL, LIFT GUARD, PLATFORM MESH	1
A		FULL MESH	
9	1282204GT	MESH, 6' FULL,BACK LEFT 6 feet platform	1
10	1282205GT	MESH, 6' FULL,BACK RIGHT 6 feet platform	1
11	1278792GT	MESH, FULL HEIGHT,ENTRY 6 feet platform	1
12	1282206GT	MESH, 6' FULL,FRONT RIGHT 6 feet platform	1
13	1282207GT	MESH, 6' FULL,FRONT LEFT 6 feet platform	1
B		HALF MESH	
14	1270314GT	PANEL, HALF MESH 6 feet platform	1
15	1270313GT	PANEL, HALF MESH 6 feet platform	1
16	1271061GT	PANEL, HALF MESH 6 feet platform	1
17	1270316GT	PANEL, HALF MESH 6 feet platform	1

903.2 Platform Mesh-Front Single Entry



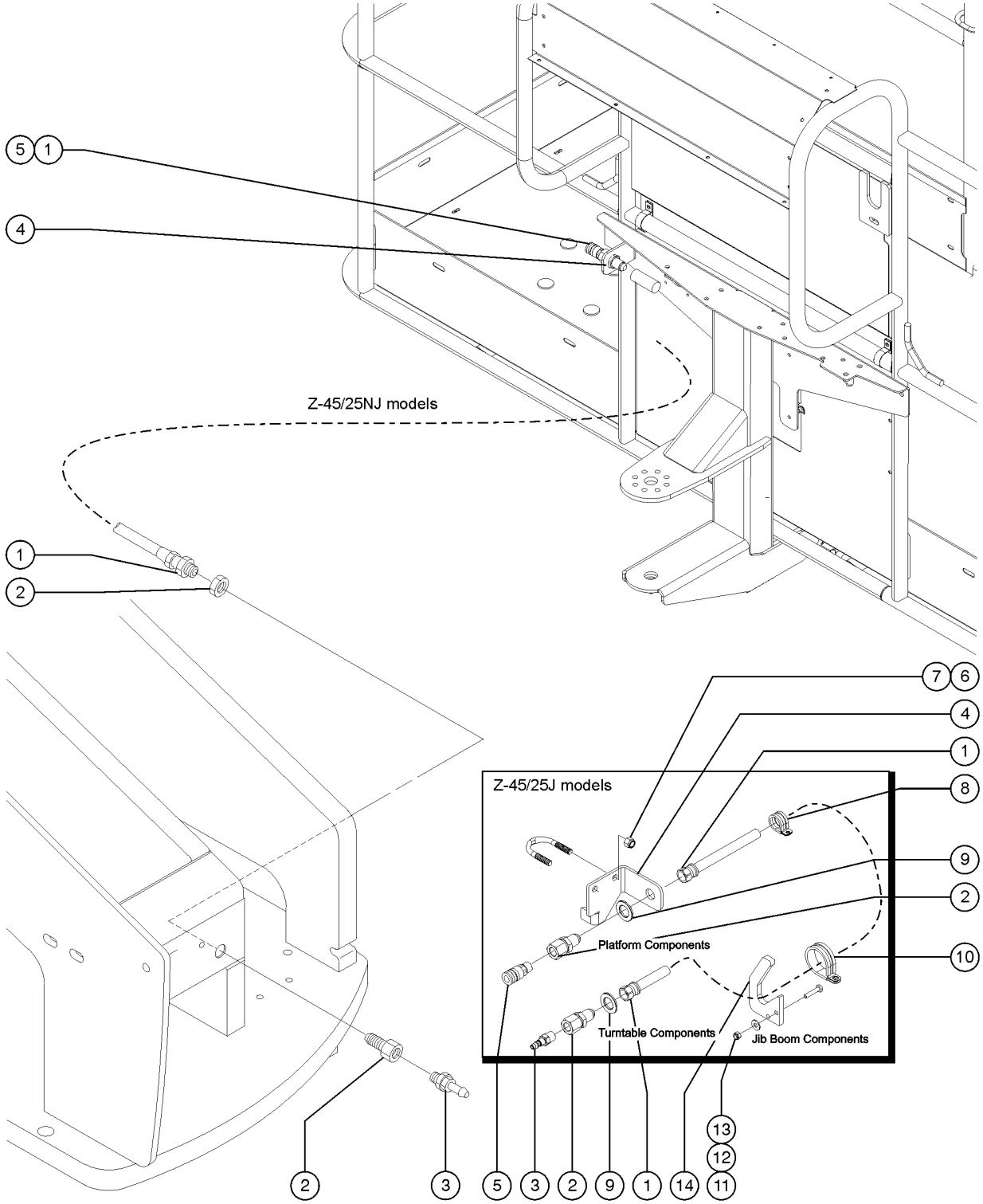
Item	Part No.	Description	Qty.
-	1290895GT	KIT, 6' FULL MESH W/FRONT HALF GATE	
-	1290893GT	KIT, 6' HALF MESH W/FRONT HALF GATE	
-	1290135GT	KIT,HALF FRONT,SWING GATE (Includes items 9-16)	
-	128368GT	KIT,SWING GATE W/SPRING (Includes items 23) (doesn't include 63311, 1487, and 1488) (Replacement Kit Only)	1
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
6	824113GT	WASHER,FLAT,USS,1/4,ZAG	
7	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
8	1282390GT	LABEL, LIFT GUARD, PLATFORM MESH	1
9	1283880GT	WELDMENT,ALUM HALF GATE	1
10	1487GT	GATE LATCH CASTING--DRILLED	1
11	1488GT	RAILING CATCH CASTING--DRILLED	1
12	33674GT	PIN,LOCK,SHORT***	1
13	43392GT	BUMPER,BATTERY BOX & RAILS	1
14	55753GT	BUMPER, PLASTIC, 1.25 O.D.	3
15	824207GT	RIVET, STL, STL, DOME, 1/4 X .375, ZAG	14
16	42104GT	SPRING,SHORT PLATFORM GATE	1
A		FULL MESH	
17	1291429GT	MESH, FULL 6',BACK PANEL 6 feet platform	2
18	1291430GT	MESH, FULL 6',FRONT PANEL 6 feet platform	2
19	1291428GT	MESH, FULL 6',SIDE PANEL 6 feet platform	2
B		HALF MESH	
20	54458GT	MESH,HALF,LH,6'PLATFORM 6 feet platform (to SN 22737)	1
20B	101852GT	MESH,HALF,LH 5' PLATFORM 5 feet platform (from SN 22738)	
21	1270313GT	PANEL, HALF MESH 6 feet platform (to SN 22737)	1

903.2 Platform Mesh-Front Single Entry



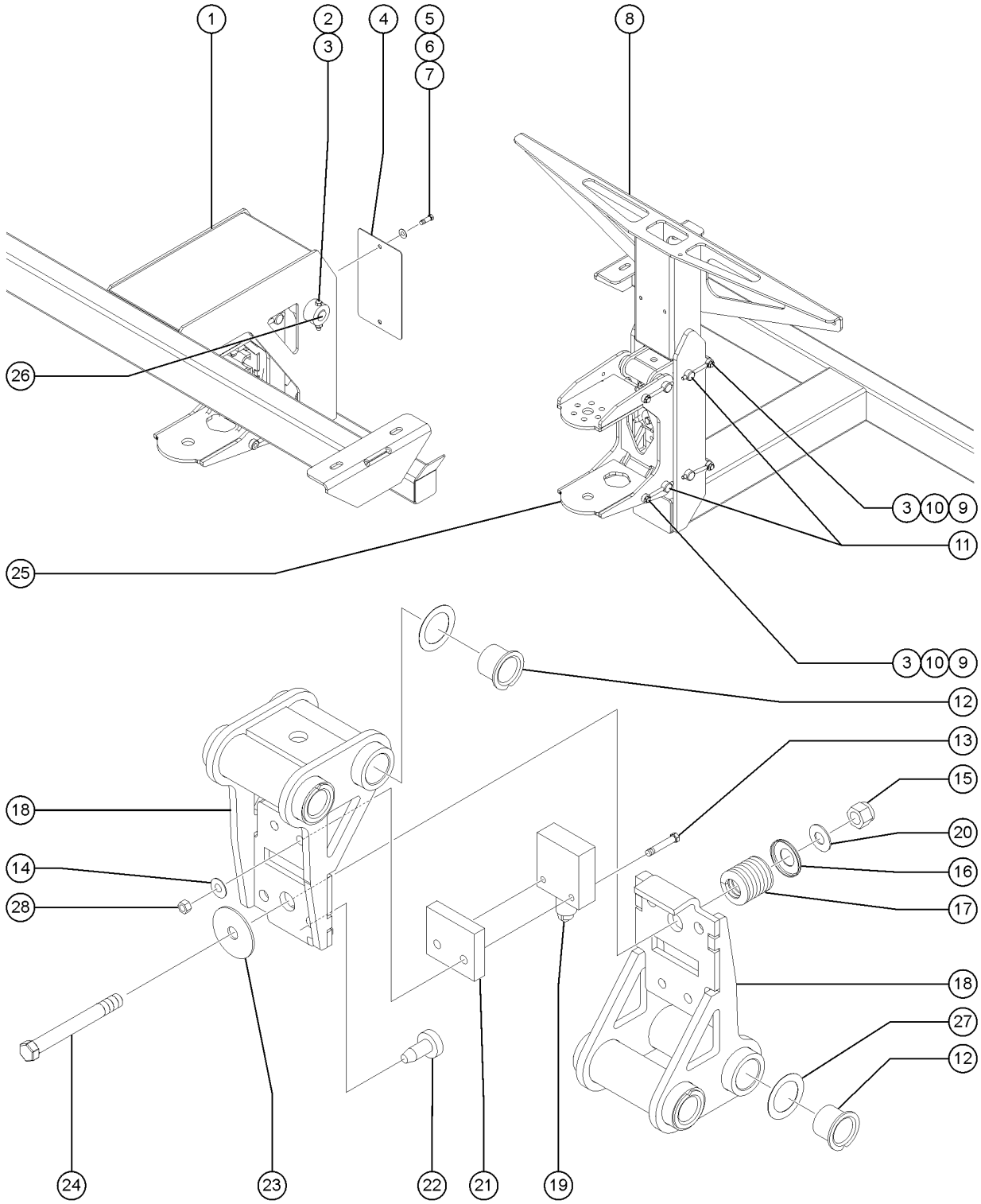
Item	Part No.	Description	Qty.
21B	101853GT	MESH,HALF,RH 5' PLATFORM 5 feet platform (from SN 22738)	
C		FULL GATE	
22	54457GT	MESH,HALF,SWING GATE***	1
23	128374GT	WELDMENT,SWING GATE,ALUMINUM	
23-	42104GT	SPRING,SHORT PLATFORM GATE	
23-	43392GT	BUMPER,BATTERY BOX & RAILS	
24	824207GT	RIVET, STL, STL, DOME, 1/4 X .375, ZAG	
25	63311GT	SNAP PIN	
26	1487GT	GATE LATCH CASTING--DRILLED	
27	1488GT	RAILING CATCH CASTING--DRILLED	

904.1 Air Line to Platform



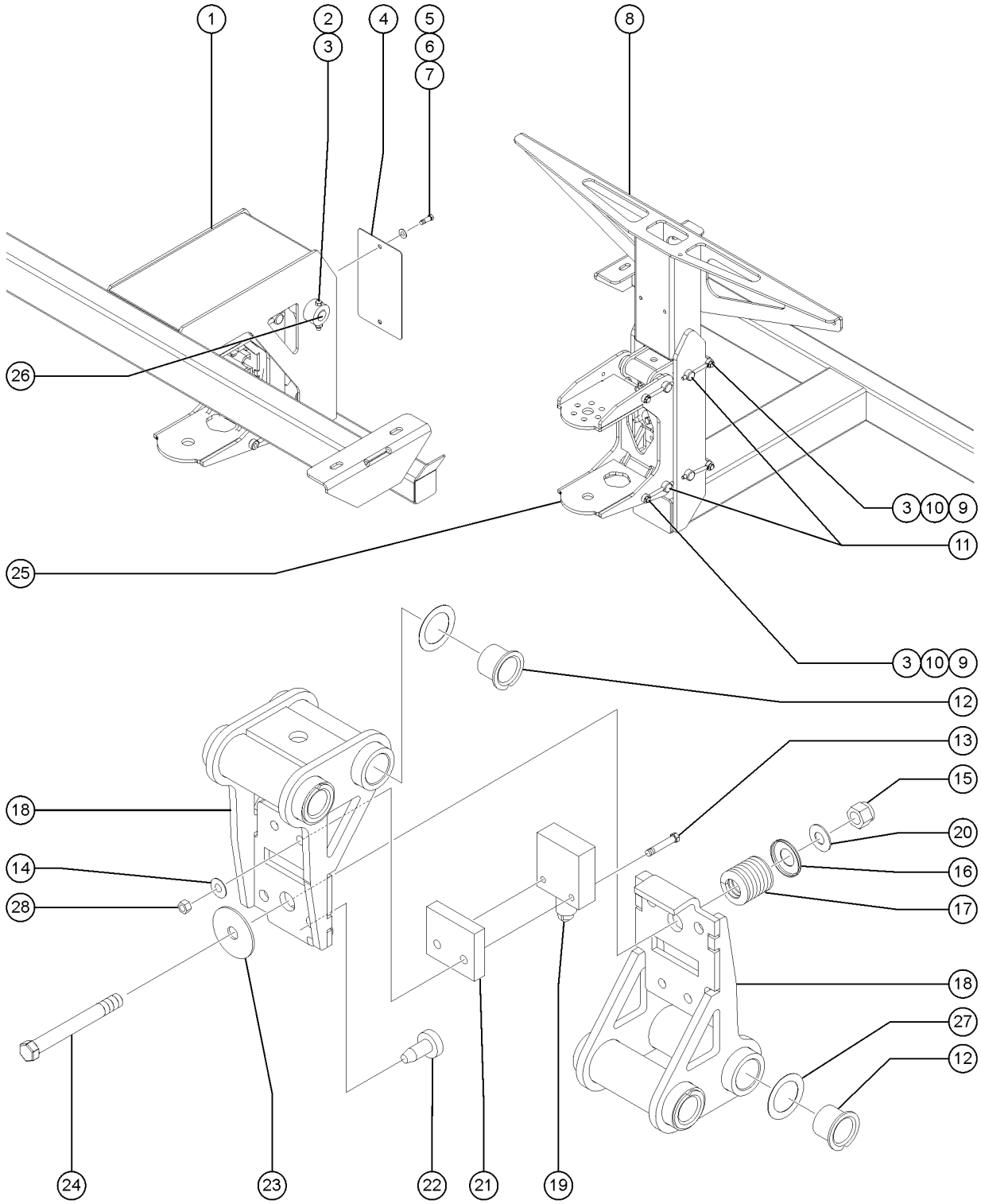
Item	Part No.	Description	Qty.
1	70644-75792GT	HOSE ASSY,3/8 STR FEM STR FEM*	1
1-	16073GT	CLAMP,0.63,#10 X 1/4,RUB CUSH	
2	49212GT	FEMALE BULKHEAD CONNECTOR-8	2
3	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	1
4	70642PGT	BRACKET,AIR HOSE TO PLAT PAINT	1
5	49215GT	MPT,CPLR,1/4"SER,3/8"X18	1
6	4828GT	NUT, NYLOCK, 3/8-16	
7	122755GT	UBOLT,FLATTENED,1.5DIAX3/8 UNC	
8	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
9	33278GT	WASHER, FLAT, .75 HARDENED	
10	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	1
11	6091GT	NUT,NYLOCK,1/4-20	
12	6638GT	WASHER, FLAT, USS, 1/4"Y	
13	8915GT	SCREW, HHC, 1/4-20 X 1.25	
14	128482GT	HOSE GUIDE, JIB	1

905.1 Platform Overload Option, Z-45/25



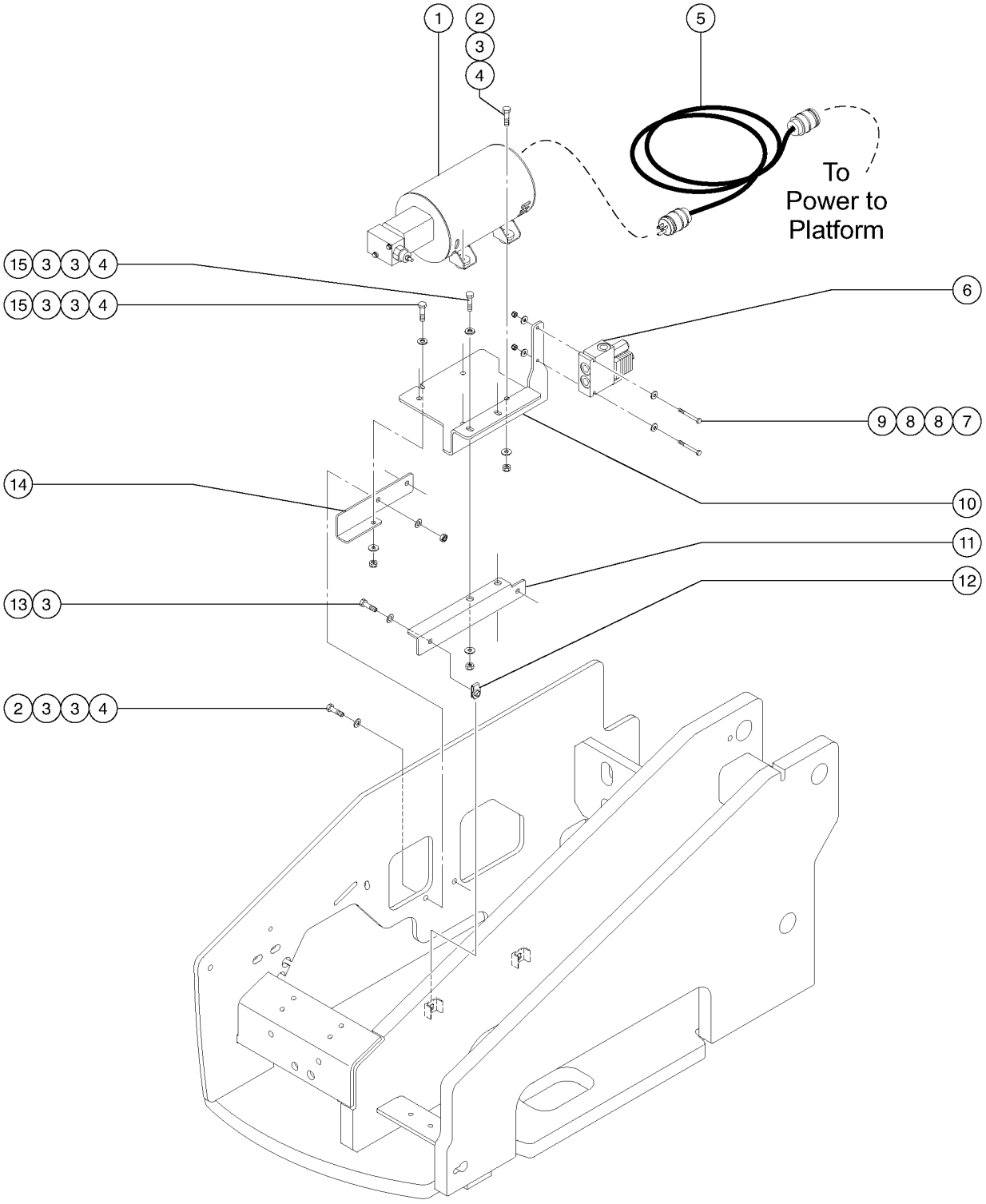
Item	Part No.	Description	Qty.
C-	128045GT	MODULE,LOAD SENSE 2007	
1	98154GT	WELDMENT,PLAT SUPPORT,LS Z4525; non-jib models	1
2	4266GT	SCREW,HHC,1/4-20 X 2	
3	6091GT	NUT,NYLOCK,1/4-20	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	6090GT	SCREW, HHC, 1/4-20 X .75	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
12	25685GT	BEARING,GARLOCK,12FDU12	8
13	73634GT	SCREW,PHIL,PHM,10-24X1.5 ZINC	
14	6146GT	WASHER,FLAT,MS,#10,Y	
15	4828GT	NUT, NYLOCK, 3/8-16	
16	61975GT	RETAINER,SPRING,1.21 X .375	1
17	61974GT	SPRING,COMP,1" OD,232 LB/IN	1
18	101512GT	LOAD SUPPORT WITH BEARINGS includes item 12	2
19A	94642GT	SWITCH,LOAD LIMIT (to SN Z452510A-39313 and Z452510B-1487) Z-45/25	
19B	147786GT	ASSY, LS, LOAD SENSE, 89 IN (from SN Z452510A-39314 and Z452510B-1488) Z-45/25	
20	6097GT	WASHER, FLAT, USS, 3/8", Y	
21	61972GT	MOUNT,SWITCH	1
22	34619GT	BUMPER,RUBBER***	1
23	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
24	21604GT	SCREW,HHC,3/8-16 X 3.25	
25	61987GT	WELDMENT,ROTATOR MOUNT	1
26	99174GT	PIN,0.75DIAX8.75LG,CHAMFER	2
26-	94643GT	ZERK,GREASE,5/16-24,STRAIT	
27	110789GT	WASHER,SHIM .0151 THK.	as-needed
28	5365GT	NUT,NYLOCK,10-24	

905.2 Platform Overload Option, Z-45/25J



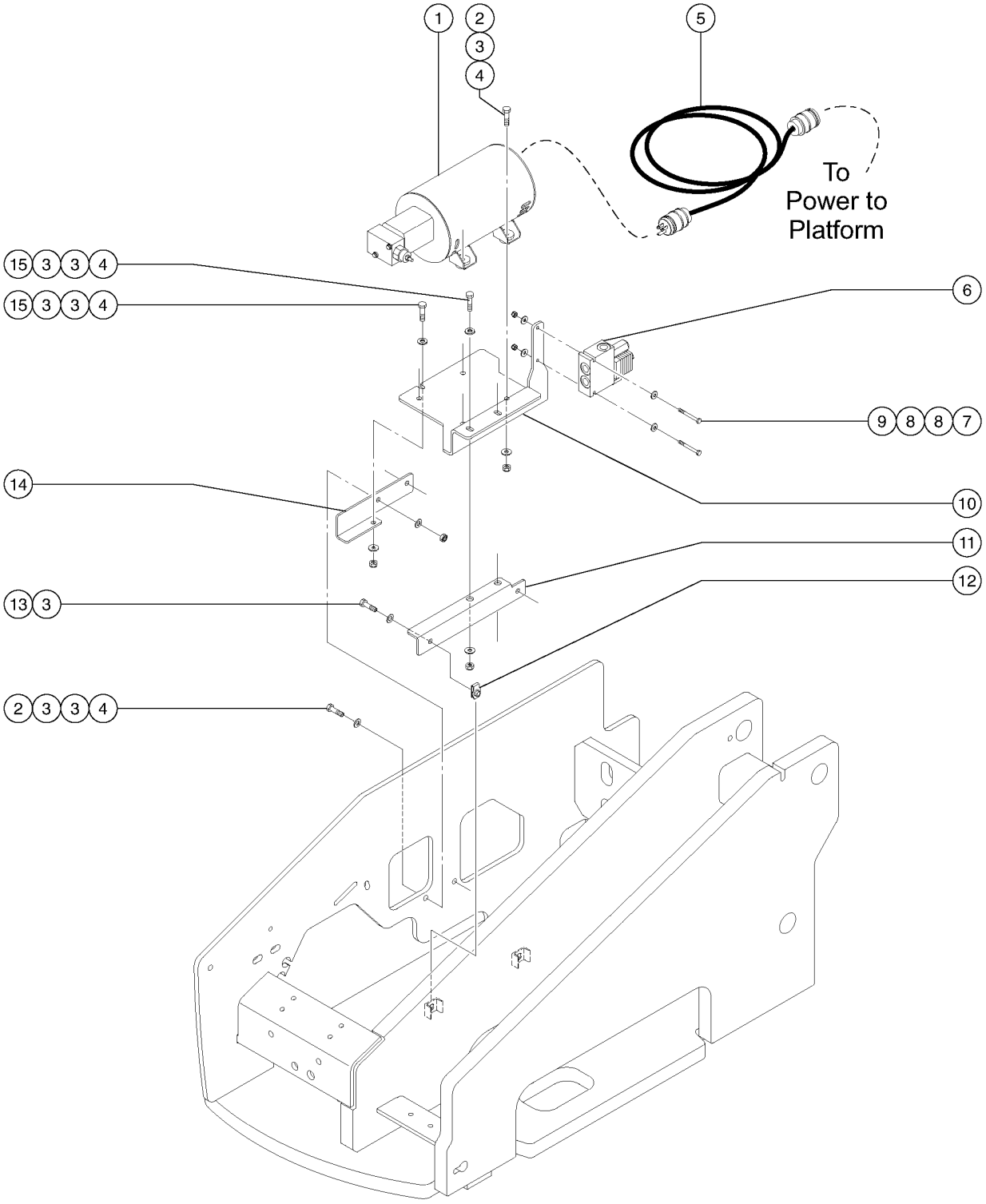
Item	Part No.	Description	Qty.
A-	128045GT	MODULE,LOAD SENSE 2007	
3	6091GT	NUT,NYLOCK,1/4-20	
8	61998GT	WELDMENT,PLATFORM SUPPORT Z4525J	1
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	825020GT	ROD END, .25 X 2.75, ZAG	
11	61726GT	PIN,0.75DIAX5.75LG,CHAMFER	4
11-	94643GT	ZERK,GREASE,5/16-24,STRAIT	
12	25685GT	BEARING,GARLOCK,12FDU12	8
13	73634GT	SCREW,PHIL,PHM,10-24X1.5 ZINC	
14	6146GT	WASHER,FLAT,MS,#10,Y	
15	4828GT	NUT, NYLOCK, 3/8-16	
16	61975GT	RETAINER,SPRING,1.21 X .375	1
17	61974GT	SPRING,COMP,1" OD,232 LB/IN	1
18	101512GT	LOAD SUPPORT WITH BEARINGS includes item 12	2
19C	94549GT	SWITCH,LOAD LIMIT (to SN Z452510A-39313 and Z452510B-1487) Z-45/25J	1
19D	121848GT	ASSY,LS,LOAD SENSE,38.5 IN (from SN Z452510A-39314 and Z452510B-1488) Z-45/25J	
20	6097GT	WASHER, FLAT, USS, 3/8", Y	
21	61972GT	MOUNT,SWITCH	1
22	34619GT	BUMPER,RUBBER***	1
23	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
24	21604GT	SCREW,HHC,3/8-16 X 3.25	
25	61987GT	WELDMENT,ROTATOR MOUNT	1
27	110789GT	WASHER,SHIM .0151 THK.	as-needed
28	5365GT	NUT,NYLOCK,10-24	

906.1 Hydraulic Generator Option - Gas/LPG Models



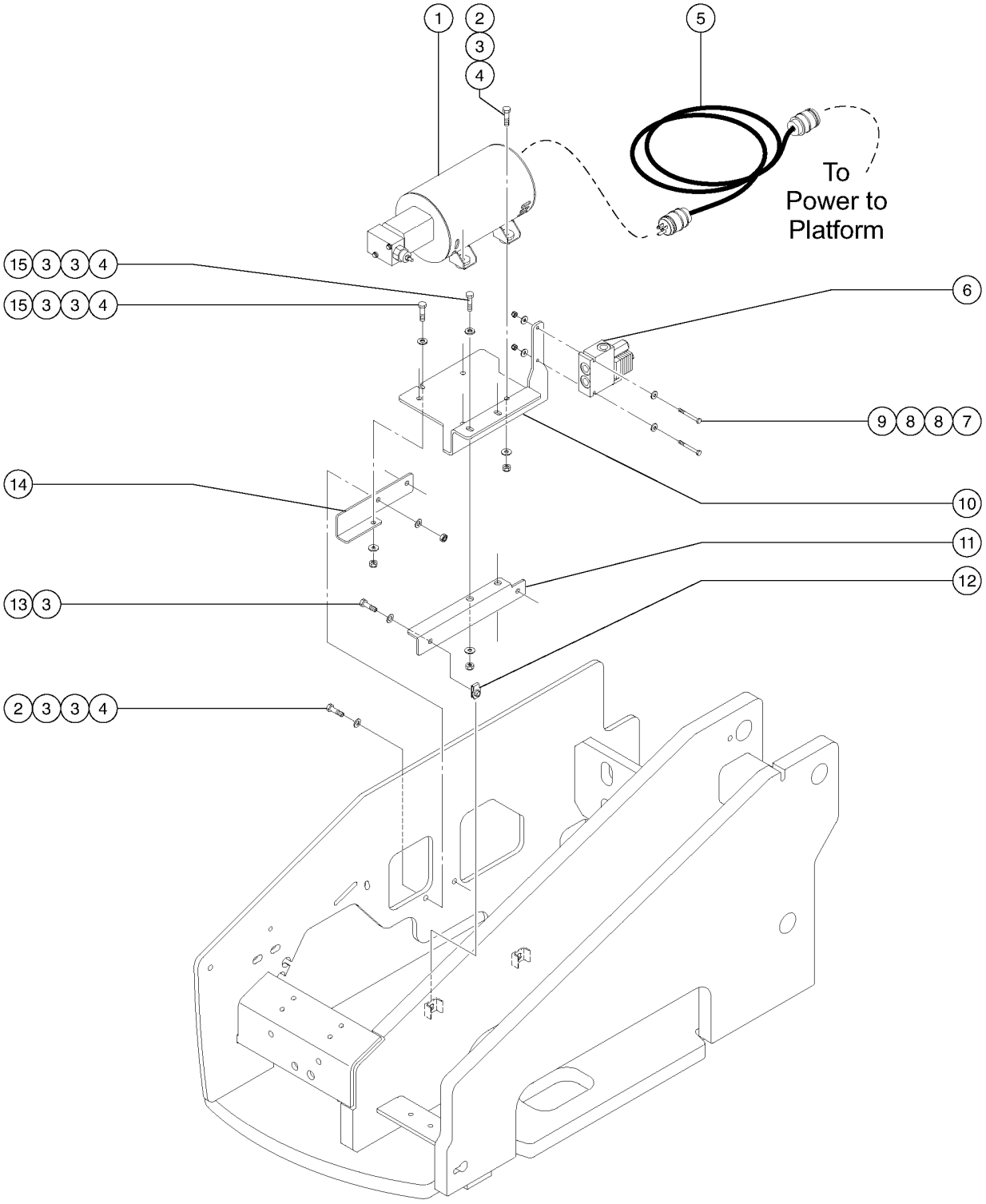
Item	Part No.	Description	Qty.
	119095GT	GEN.OPT.FORD,110V/3000W Z45DSG	
	119096GT	GEN.OPT.FORD,220V/2500W Z45DSG	
1A	111381GT	GEN,HYD,3000W,110V,60HZ includes rubber isolators	1
1A-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
1A-	32732GT	RECTIFIER ASSEMBLY	
1A-	58402GT	BRIDGE,50A FULL WAVE**	
1A-	89718GT	BRUSH ENDBELL ASSEMBLY (35659)	
1A-	52001GT	HYDRAULIC MOTOR 3000W GENER	
1A-	65841GT	PRIORITY FLOW CONTROL VALVE*** for 3000W generators	
1A-	T111608GT	SEAL,RETAINING RING	
1A-	T111609GT	SEAL,SHAFT	
1A-	T111610GT	SPACER	
1A-	T111611GT	BEARING,MOTOR	
1A-	T111612GT	RETAINING RING	
1A-	T111613GT	SHAFT,MOTOR	
1A-	58954GT	O-RING,SPACER #115***	
1A-	147836GT	SEAL, GASKET, .00075" *GOLD*	
1A-	147837GT	SEAL, GASKET, .0005" *SILVER*	
1A-	147838GT	SEAL, GASKET, .0010"	
1A-	147839GT	ASSM, GEN. ONLY, 110V, 60HZ	
1B	36928GT	GENERATOR,2500W HYD.220/50HZ includes rubber isolators	1
1B-	32732GT	RECTIFIER ASSEMBLY	
1B-	58402GT	BRIDGE,50A FULL WAVE**	
1B-	89719GT	BRUSH ENDBELL ASSEMBLY (89719)	
1B-	52086-RGT	MOTOR -HYD.2500W GENER REFURB.	
1B-	32735GT	VALVE,PRI. FLOW REG 4.3 for 2000W & 2500W generators	
1B-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
1B-	58954GT	O-RING,SPACER #115***	

906.1 Hydraulic Generator Option - Gas/LPG Models

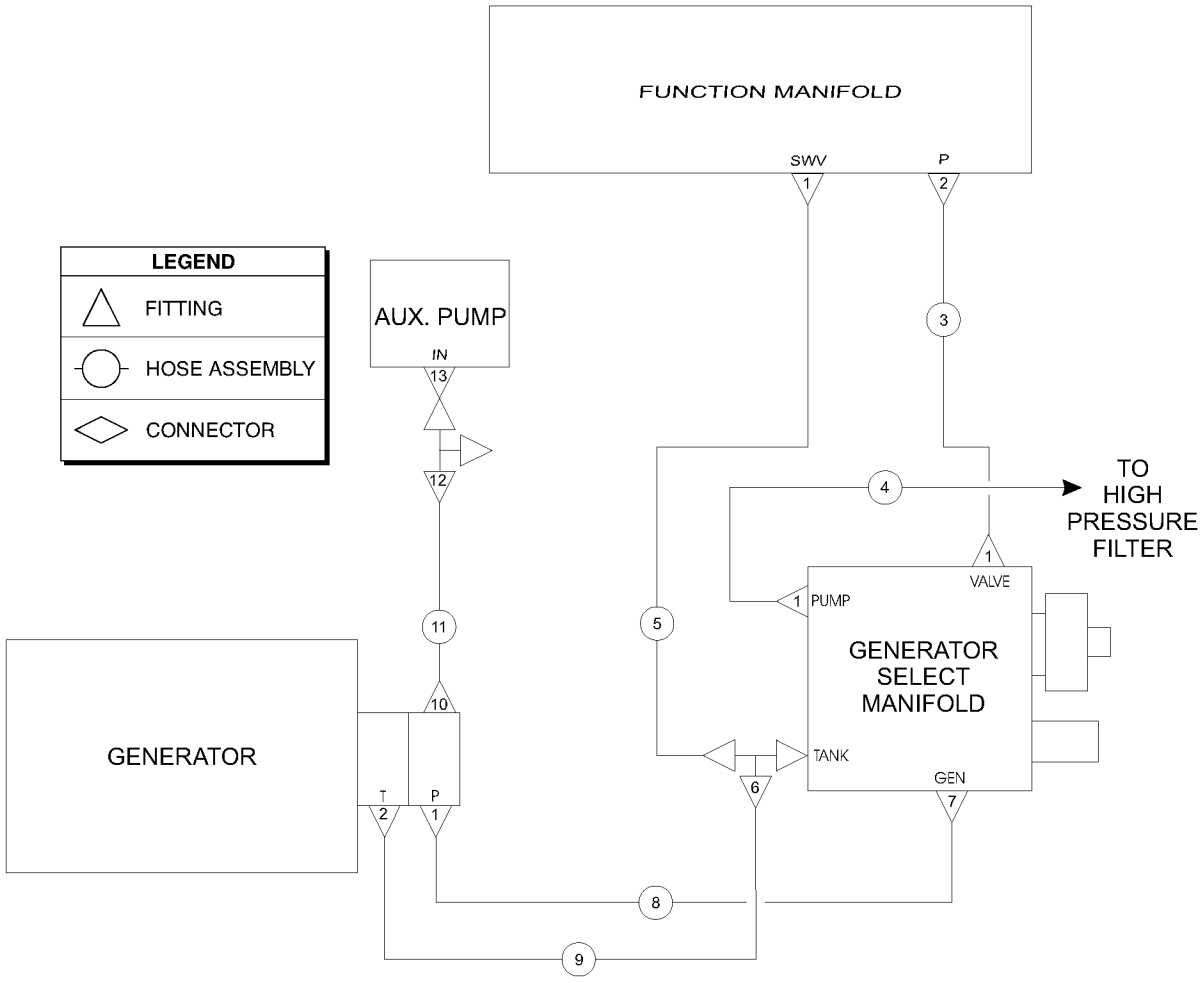


Item	Part No.	Description	Qty.
1B-	T111608GT	SEAL,RETAINING RING for pump	
1B-	T111609GT	SEAL,SHAFT for pump	
1B-	T111610GT	SPACER for pump	
1B-	T111611GT	BEARING,MOTOR for pump	
1B-	T111612GT	RETAINING RING for pump	
1B-	T111613GT	SHAFT,MOTOR for pump	
1B-	147836GT	SEAL, GASKET, .00075" *GOLD* for pump	
1B-	147837GT	SEAL, GASKET, .0005" *SILVER* for pump	
1B-	147838GT	SEAL, GASKET, .0010" for pump	
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	77247GT	POWER TO PLAT,CORD ASSY.	1
5-	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	
5-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
5-	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	72 inches
6	28675GT	MANIFOLD,ASSY,GENERATOR	1
6-	54698GT	MANIFOLD,GENERATOR,W/OUT FIT	
6-	44950GT	VALVE,RELIEF,1500 PSI***	
6-	19970GT	VALVE,SOLENOID (18660)	
7	6884GT	SCREW,HHC,1/4-20 X 2.5	
8	6638GT	WASHER, FLAT, USS, 1/4"Y	
9	6091GT	NUT,NYLOCK,1/4-20	
10	119236PGT	FORMING,GENERATOR MOUNT,PTD	1
11	119237PGT	FORMING,GENERATOR SUPPORT,PTD	1
12	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
13	6175GT	SCREW,HHC,3/8-16 X 1	

906.1 Hydraulic Generator Option - Gas/LPG Models

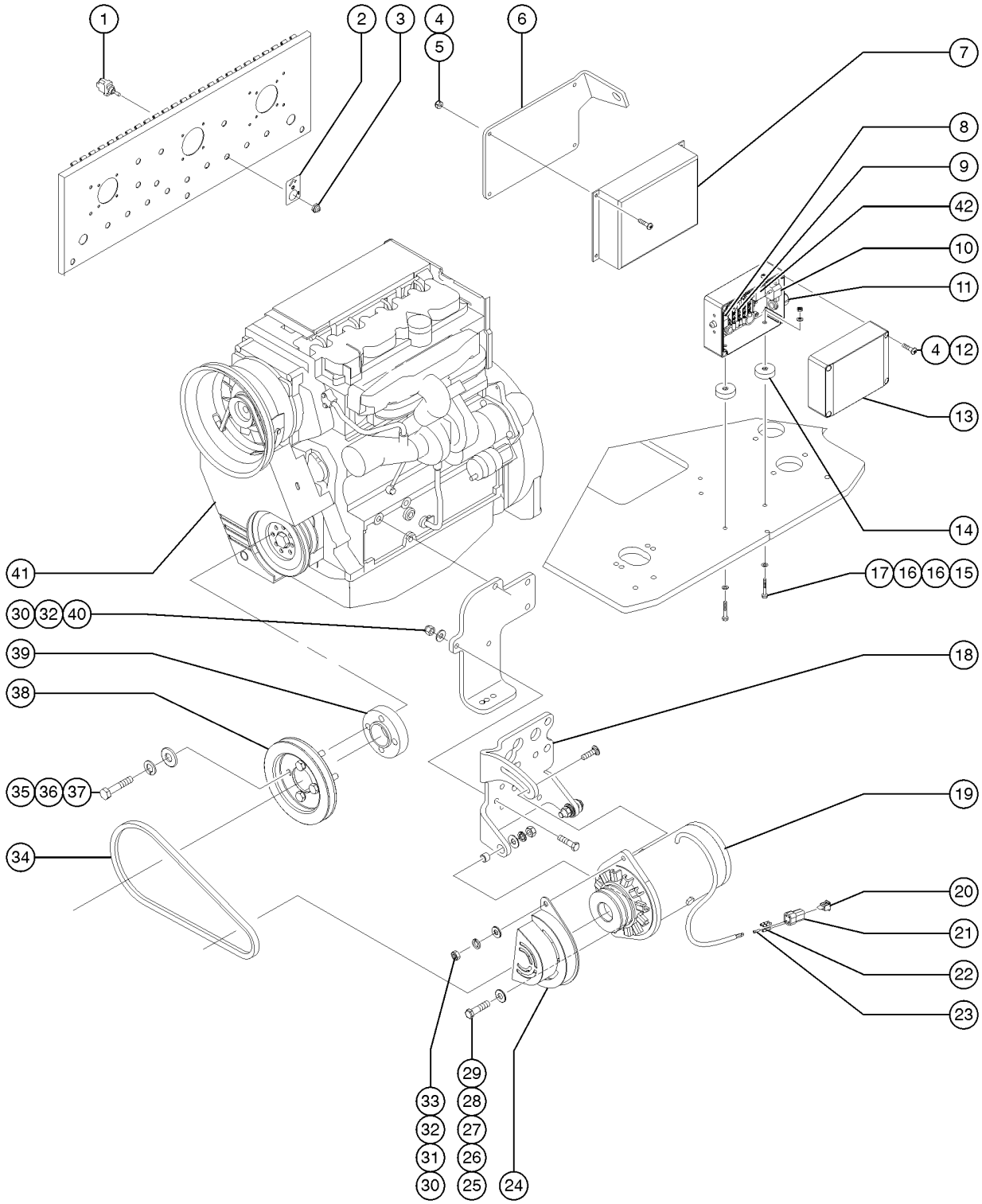


Item	*Part No.*	*Description*	*Qty.*
14	119516PGT	FORMING,GENERATOR GUIDE,PTD	1
15	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	


FUNCTION MANIFOLD
SWV
1
P
2
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
AUX. PUMP
IN
13
12
11
10
3
4
TO
HIGH
PRESSURE
FILTER
1
VALVE
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PUMP
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GENERATOR
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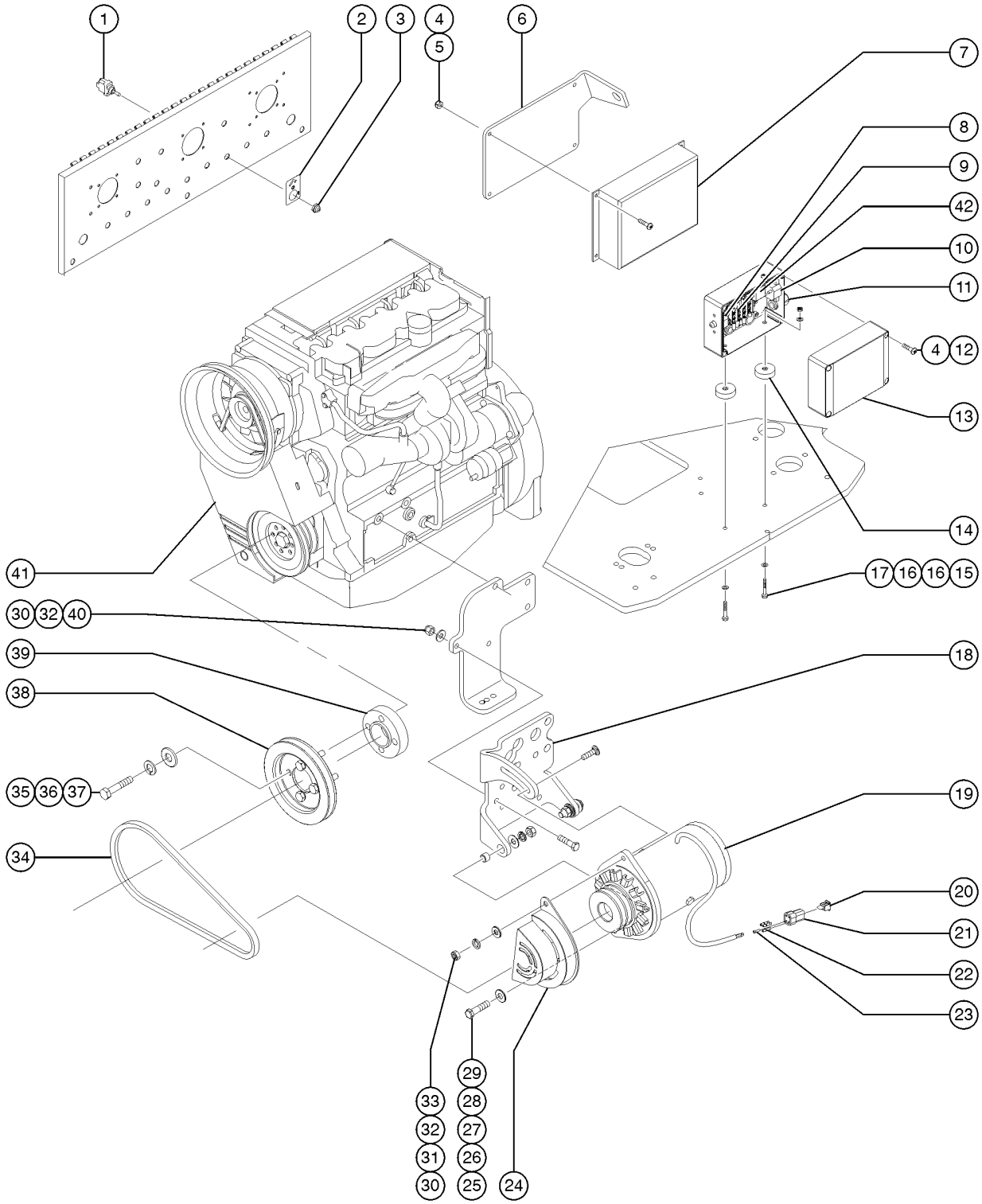
Item	Part No.	Description	Qty.
1	48933GT	CONN,520120-8***	4
2	48946GT	CONN,520120-8-10	2
3	75278-5129GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
4	75278-4579GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
5	49183-6492GT	HOSE ASSY,1/2,STR FEM.STR FEM	1
6	48935GT	TEE,RUN, 520428-8	1
7	48932GT	FITTING,ELBOW,90D,520220-8***	1
8	75278-2054GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
9	49143-1504GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
10	48905GT	CONNECTOR, 520120-4	1
11	49163-1844GT	HOSE ASSEMBLY,1/4"	1
12	48875GT	TEE,RUN,SWIVEL,520432-6	1
13	48915GT	ELBOW,90D,520220-6	1

908.1 Belt Driven Generator - Diesel Models



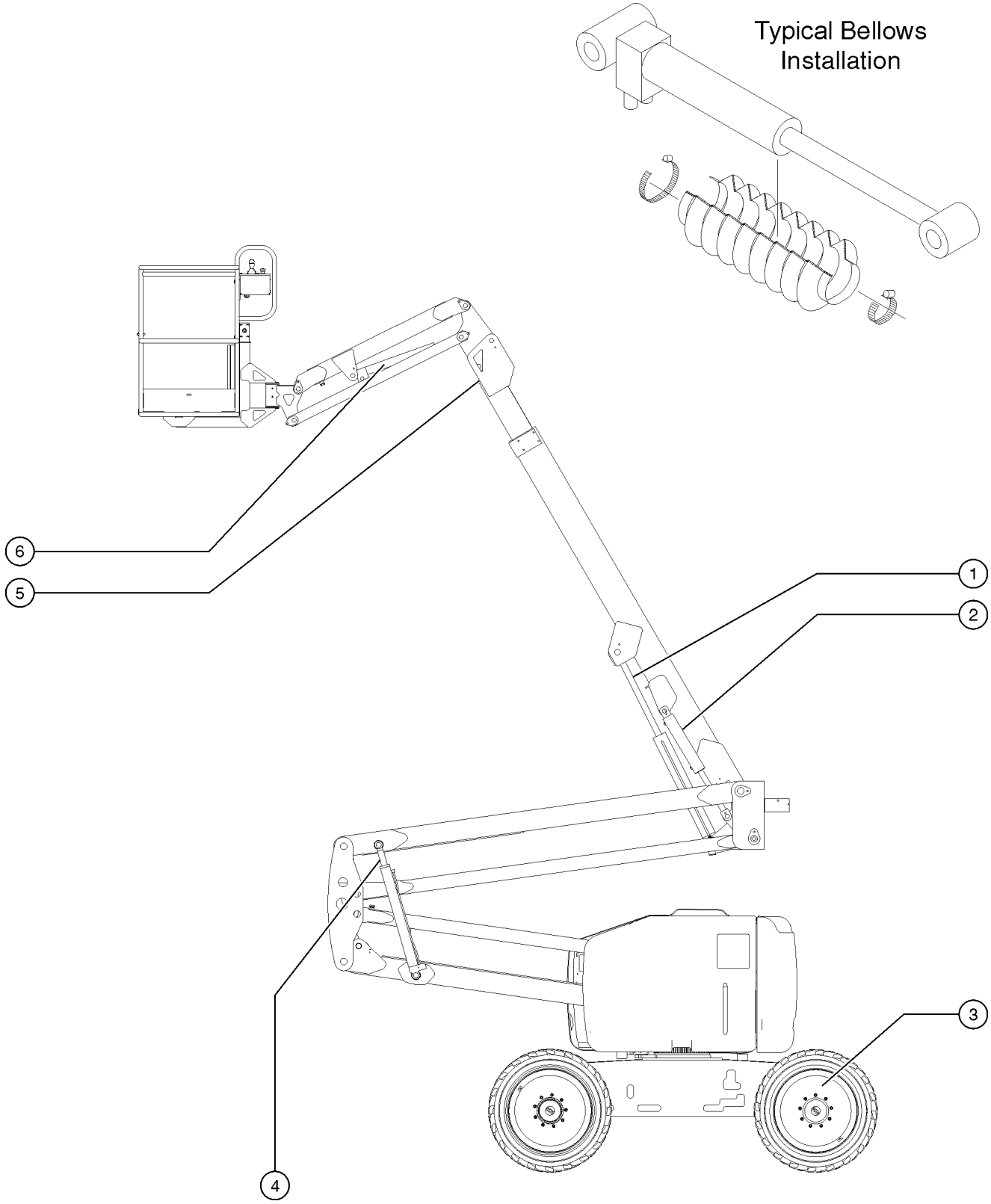
Item	Part No.	Description	Qty.
E	106030GT	HARNESS, BD GEN.110V/60HZ Z45D Deutz models	
F	106566GT	HARNESS, BD GEN.220V/50HZ Z45D Deutz models	
G	101939GT	HARNESS, BD GEN.110V/60HZ Z45P Perkins models	
H	106565GT	HARNESS, BD GEN.220V/50HZ Z45P Perkins models	
1	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
2	32728GT	DECAL,OPTION GENERATOR***	1
3	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
4	6178GT	NUT, NYLOCK, 10-32	
5	49826GT	SCREW,PHILLIPS,PHM,10-32 X.625	
6	70648PGT	BRACKET,GEN.REGULATOR MT PAINT	1
7A	60738GT	VOLTAGE REGULATOR,110V	1
7B	60739GT	VOLTAGE REGULATOR,220V	
8	60887GT	CIRCUIT BREAKER, 30 AMP	1
9	69776GT	TERMINAL,STRIP,4-POLE,600V***	1
10A	61195GT	CIRCUIT BREAKER, 12.5 AMP 220V models	1
10B	61211GT	CIRCUIT BREAKER,15 AMP 110V & 120V models	1
11	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
12	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
13	8425GT	ENCLOSURE,FG ELEC.,STOCK,7X5X4	1
14	56093GT	WEAR PAD ROUND	2
15	6637GT	SCREW,HHC,1/4-20 X 1.75	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	6889GT	NUT,LP NYLOCK,1/4-20	
18	119533PGT	FORMING,GENERATOR MOUNT,PTD	1
19A	60707GT	GENERATOR,3500W,120V,60HZ**	1
19A-	146062GT	PULLY,GNRTR,120V,60HZ(60707) for 60707 generator	
19B	89908GT	GENERATOR,3000W,220V,50HZ***	
19B-	102681GT	PULLY, GNRTR,220V,50HZ(89908) for 89908 generator	

908.1 Belt Driven Generator - Diesel Models



Item	Part No.	Description	Qty.
20	60528GT	LOCK,PLUG 4 WAY,12-14GA***	1
21	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	1
22	73712GT	CONN,RECEP 4 WAY,12-14GA FL***	3
23	60757GT	PLUG, SEAL, 12-18GA	1
24	106531GT	WELDMENT,GENERATOR FAN GUARD	1
25	128364GT	SCREW, HHC, 7/16-14 X 2, GR 5	
26	45400GT	SPACER TUBE,.50 LG	1
27	6097GT	WASHER, FLAT, USS, 3/8", Y	
28	20912GT	WASHER,LOCK,.437,PLTD	
29	11210GT	NUT,NYLOCK,7/16-14	
30	4828GT	NUT, NYLOCK, 3/8-16	
31	6021GT	WASHER, LOCK, .375	
32	5397GT	WASHER, FLAT, USS, 5/16-18	
33	60790GT	BOLT,CARRIAGE,3/8-16 X1.50,G5	
34	106535GT	BELT,AX33***	2
35	25927GT	SCREW,HHC,3/8-16X1.25,8,ZAG	
36	22700GT	WASHER,LOCK,M10	
37	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
38A	70389GT	PULLEY,DEUTZ single belt models	1
38B	236460GT	V-BELT DOUBLE PULLEY double belt models	1
39	81069GT	SPACER,PULLEY,DEUTZ GEN	1
40	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
41	106740GT	COVER,REWORK,DEUTZ GENERATOR	1
42	61225GT	RELAY,12VDC,70AMP,SEALED	1

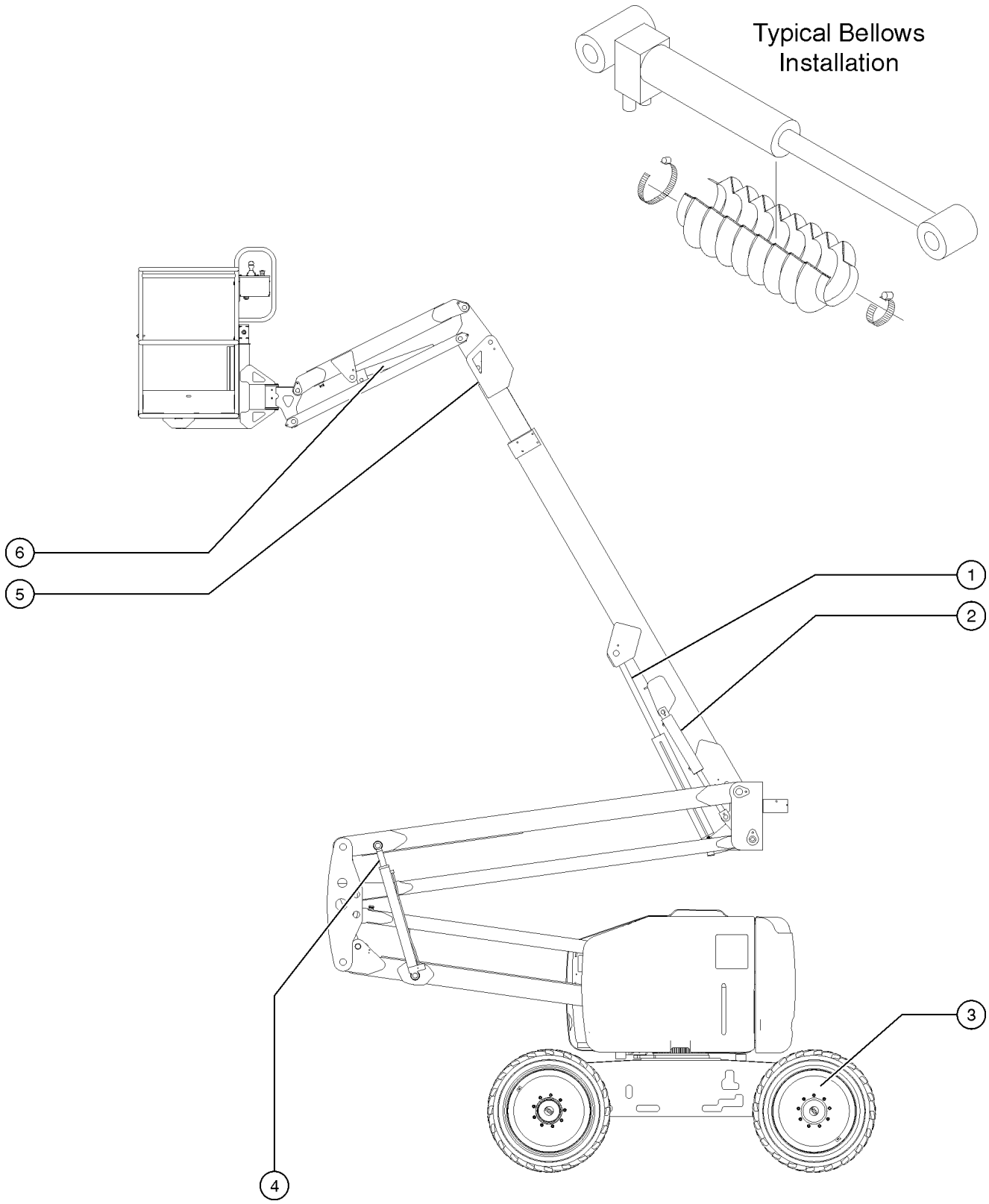
909.1 Hostile Environment Package - View 1, Z-45/25



909.1 Hostile Environment Package - View 1, Z-45/25

Item	Part No.	Description	Qty.
	54884GT	BELLOWS,CYLINDER KIT,Z45 N/JIB	
1A	54637GT	BELLOWS,PRIMARY CYLINDER,N/JIB	1
2	54640GT	BELLOWS,MASTER CYLINDER	1
3	54989GT	BELLOWS,STEERING CYLINDER	1
4	54652GT	BELLOWS,SECONDARY,ELEVATE CYL	1
5	54639GT	BELLOWS,SLAVE CYLINDER	1

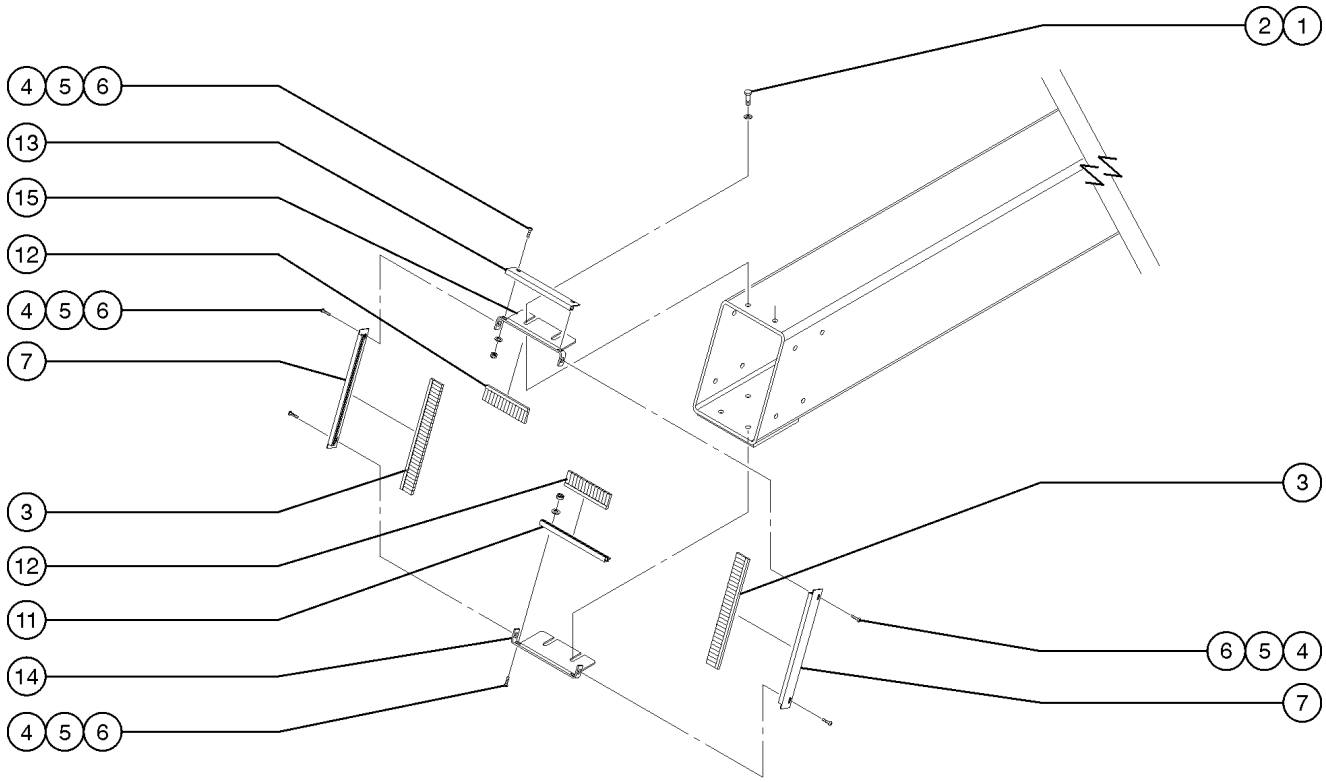
909.2 Hostile Environment Package - View 1, Z-45/25J



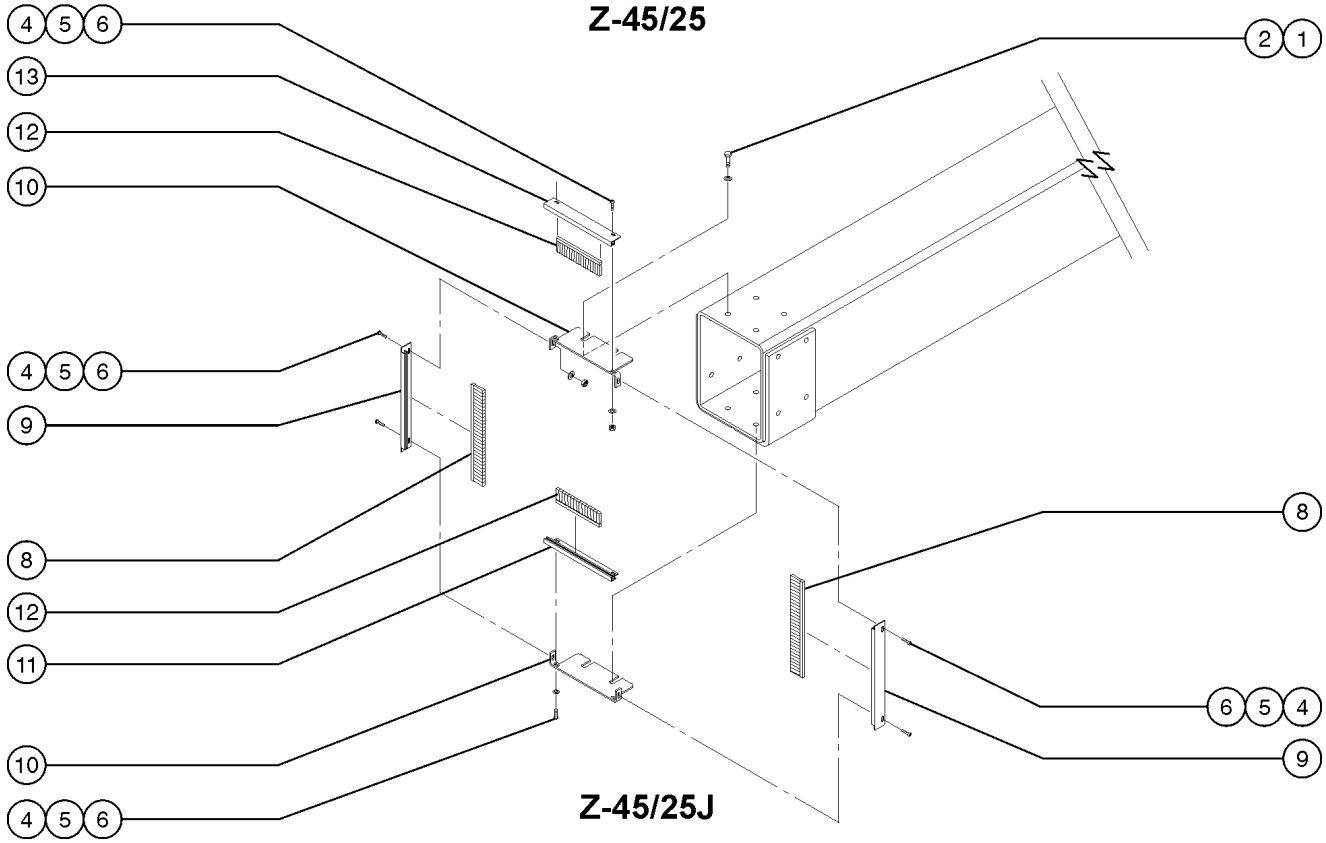
909.2 Hostile Environment Package - View 1, Z-45/25J

Item	Part No.	Description	Qty.
	54883GT	BELLOWS,CYL.KIT,Z45&Z51 JIB	
1B	54638GT	BELLOWS,PRIMARY CYLINDER,JIB	1
2	54640GT	BELLOWS,MASTER CYLINDER	1
3	54989GT	BELLOWS,STEERING CYLINDER	1
4	54652GT	BELLOWS,SECONDARY,ELEVATE CYL	1
5	54639GT	BELLOWS,SLAVE CYLINDER	1
6	54635GT	BELLOWS,JIB CYLINDER Z-45/25J	1

910.1 Hostile Environment Package - View 2 (to SN Z452510A-39368), Z-45/25



Z-45/25

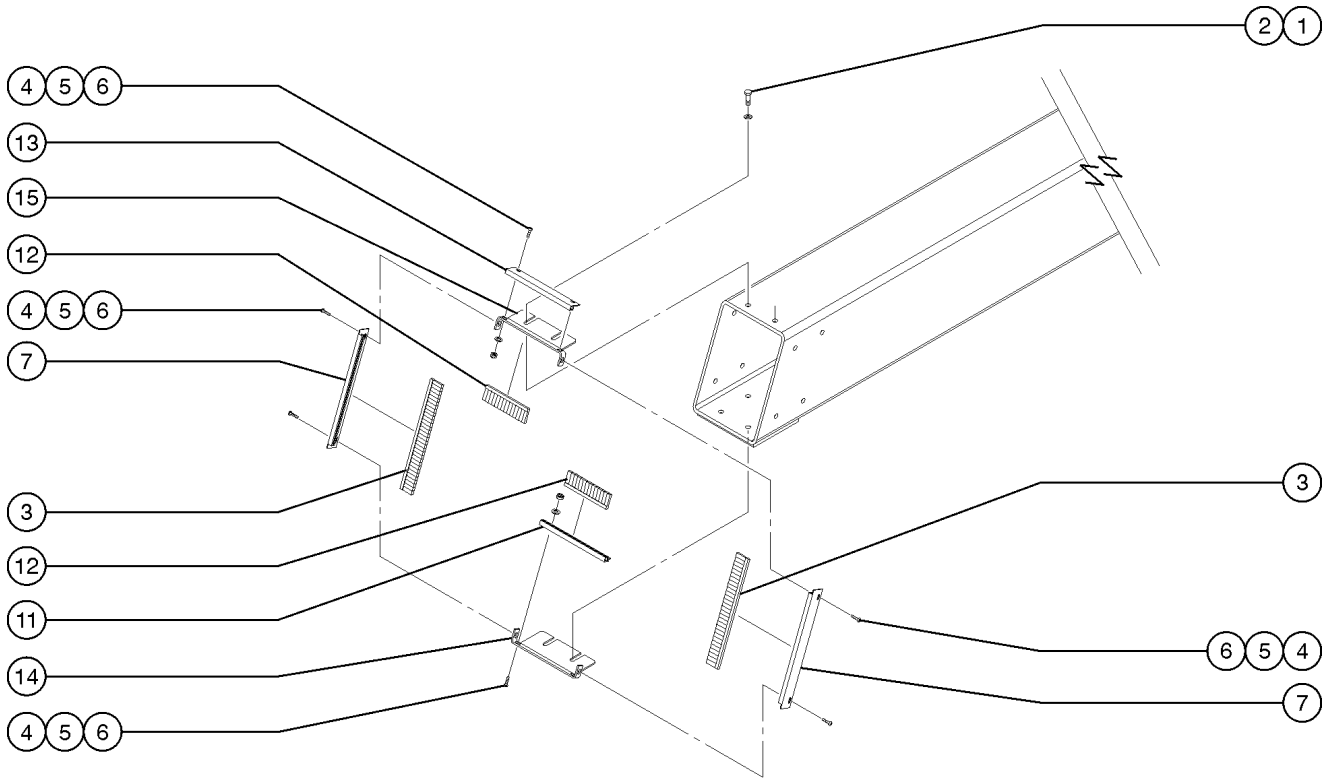


Z-45/25J

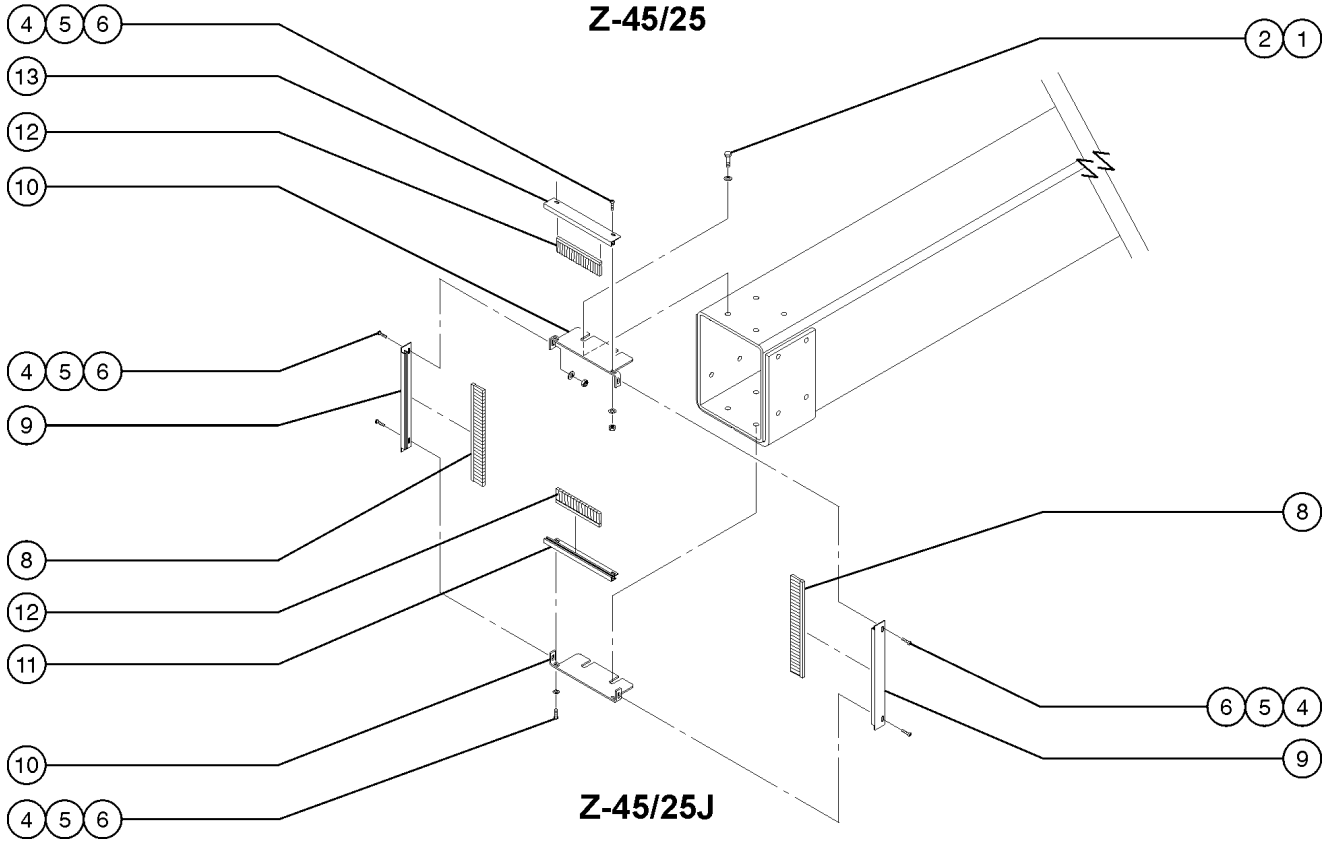
910.1 Hostile Environment Package - View 2 (to SN Z452510A-39368), Z-45/25

Item	Part No.	Description	Qty.
1	8255GT	SCREW,HHC,3/8-16 X .75	
2	6097GT	WASHER, FLAT, USS, 3/8", Y	
3	54841-0950GT	BRUSH FILAMENT,SEALEZE,9.50"LG	2
4	56286GT	SCREW,RHM,8-32 X .75	
5	35461GT	WASHER,FLAT,MS,#8,Y	
6	18605GT	NUT,NYLOCK,8-32	
7	54882GT	HOLDER,BRUSH,9.94LG,NON JIB	2
11	54877GT	HOLDER,BRUSH,7.19LG,BOTTOM	1
12	54841-0463GT	BRUSH FILAMENT,SEALEZE,4.63"LG	2
13	77275GT	HOLDER,BRUSH,7.19LG,TOP	1
14	54881GT	BRKT,EXT.BOOMSEAL,BOTTOM,N/JIB	1
15	54880GT	BRACKET,EXT.BOOMSEAL,TOP,N/JIB	1

910.2 Hostile Environment Package - View 2 (to SN Z452510A-39368), Z-45/25J



Z-45/25

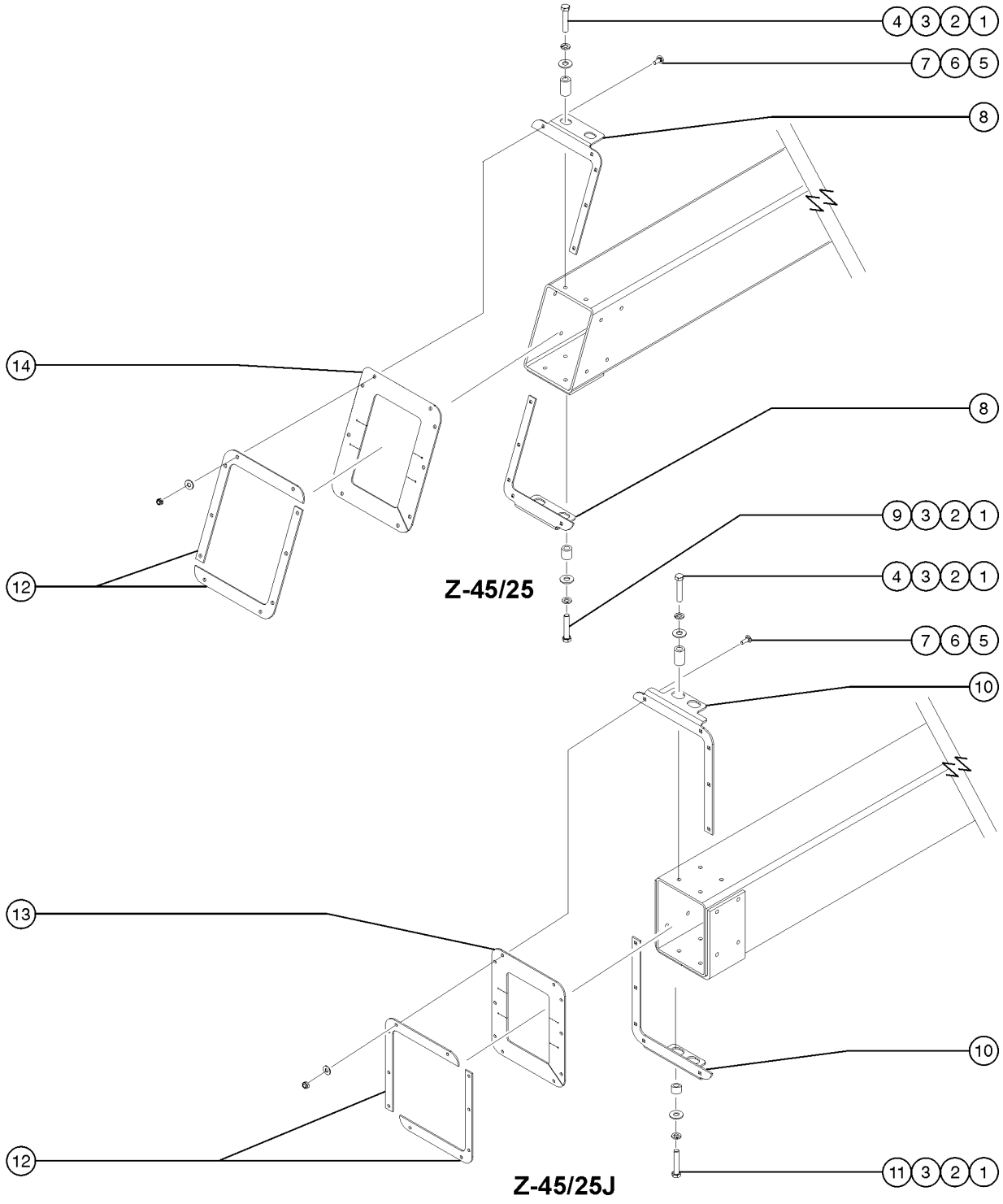


Z-45/25J

910.2 Hostile Environment Package - View 2 (to SN Z452510A-39368), Z-45/25J

Item	Part No.	Description	Qty.
1	8255GT	SCREW,HHC,3/8-16 X .75	
2	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	56286GT	SCREW,RHM,8-32 X .75	
5	35461GT	WASHER,FLAT,MS,#8,Y	
6	18605GT	NUT,NYLOCK,8-32	
8	54841-0888GT	BRUSH FILAMENT,SEALEZE,8.88"LG	2
9	54878GT	HOLDER,BRUSH,9.25LG,JIB	2
10	54876PGT	BRACKET,EXT BOOM SEAL,JIB,PNTD	2
11	54877GT	HOLDER,BRUSH,7.19LG,BOTTOM	1
12	54841-0463GT	BRUSH FILAMENT,SEALEZE,4.63"LG	2
13	77275GT	HOLDER,BRUSH,7.19LG,TOP	1

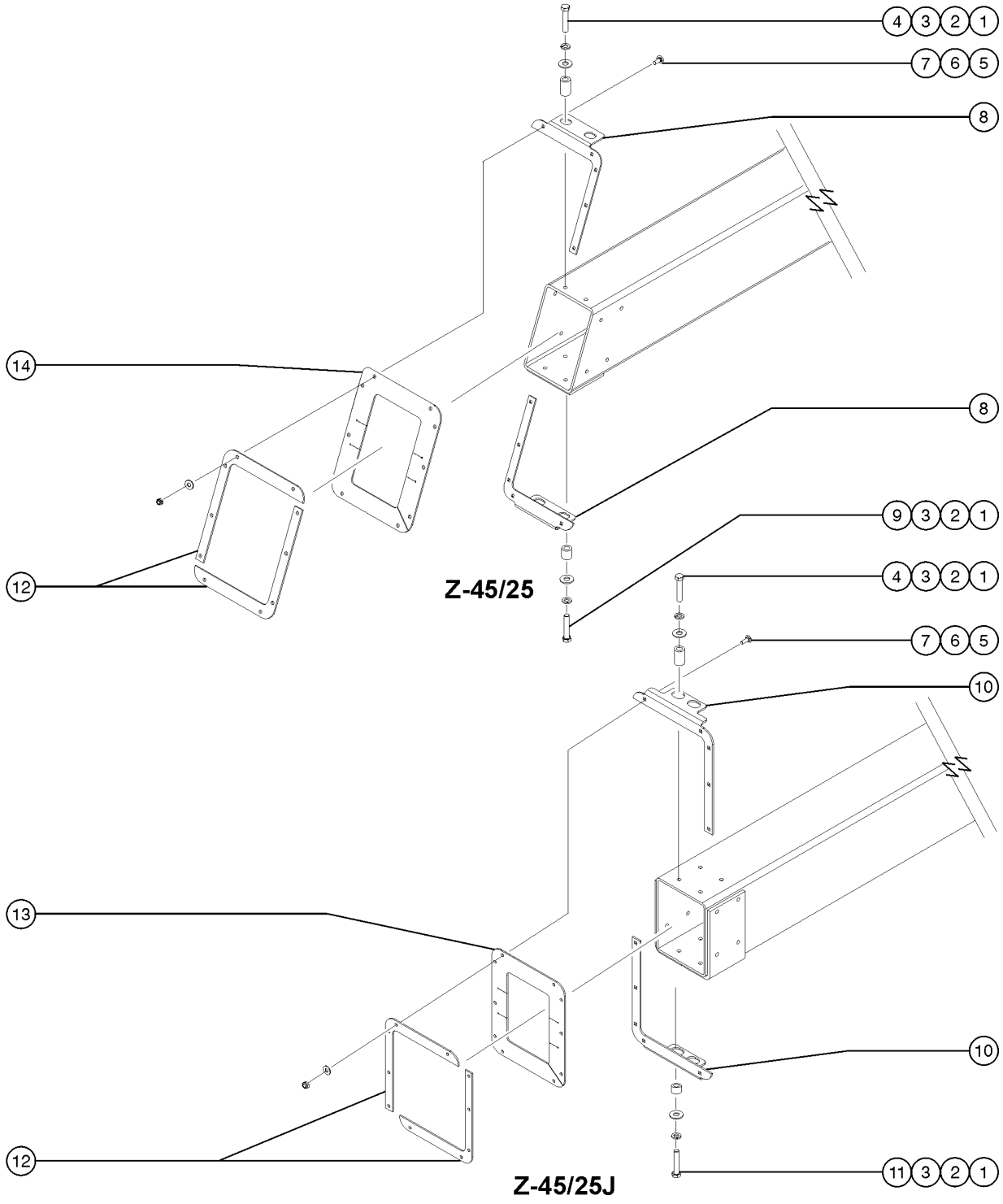
910.3 Hostile Environment Package - View 2 (from SN Z452510A-39369), Z-45/25



910.3 Hostile Environment Package - View 2 (from SN Z452510A-39369), Z-45/25

Item	Part No.	Description	Qty.
		KIT, WIPER, Z-45/25 no longer available	
1	5224GT	SCREW,HHC,3/8-16 X 2	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	128852GT	TUBE,RD,STL,DOM,.75X.438X1.25	2
5	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
6	6021GT	WASHER, LOCK, .375	
7	6889GT	NUT,LP NYLOCK,1/4-20	
8	147042GT	FORMING WIPER MOUNT	2
9	101932GT	TUBE, RD., STL., DOM .75 X .437 X .78	2
12	128973GT	PLATE,WIPER BACKING	2
14	147044GT	WIPER,PRIMARY BOOM	1

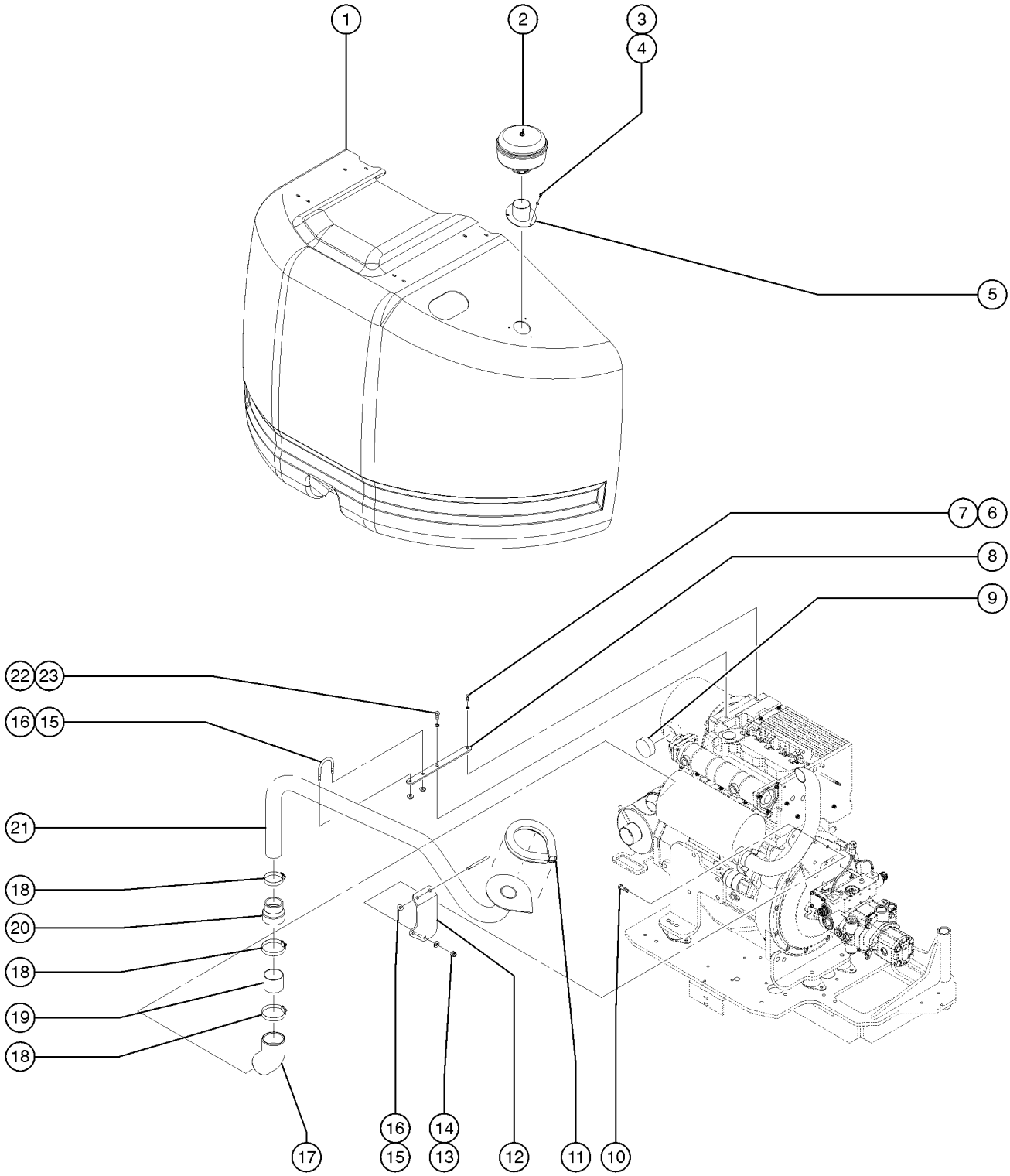
910.4 Hostile Environment Package - View 2 (from SN Z452510A-39369), Z-45/25J



910.4 Hostile Environment Package - View 2 (from SN Z452510A-39369), Z-45/25J

Item	Part No.	Description	Qty.
	147184GT	KIT, WIPER, Z-45/25J	
1	5224GT	SCREW,HHC,3/8-16 X 2	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	128852GT	TUBE,RD,STL,DOM,.75X.438X1.25	2
5	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
6	6021GT	WASHER, LOCK, .375	
7	6889GT	NUT,LP NYLOCK,1/4-20	
10	147041GT	FORMING WIPER MOUNT	2
11	45400GT	SPACER TUBE,.50 LG	2
12	128973GT	PLATE,WIPER BACKING	2
13	147181GT	WIPER,PRIMARY BOOM	1

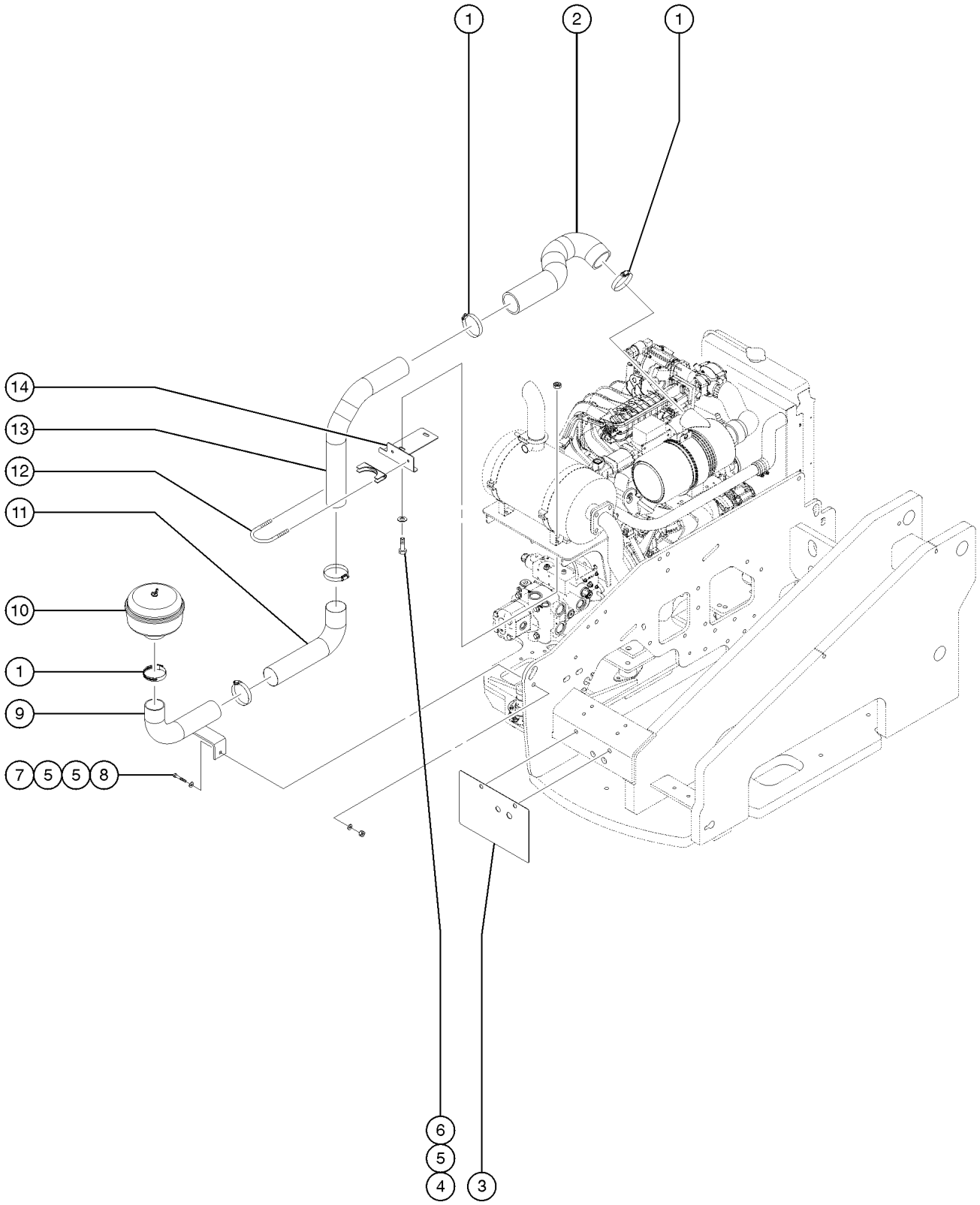
911.1 Hostile Environment Package - Engine Air Pre-cleaners (Deutz)



911.1 Hostile Environment Package - Engine Air Pre-cleaners (Deutz)

Item	Part No.	Description	Qty.
	110746GT	ASSY,DEUTZ PRE FILTER	
1A	128436GT	COVER ASSY,DTZ HOST ENV,WORD	1
1B	128437GT	COVER ASSY,DTZ HOST ENV,SYMB	
2	34959GT	PRECLEANER,AIR INTAKE***	1
3	73612GT	SCREW,PHM,10-24X.50,SELF TAP	3
4	35461GT	WASHER,FLAT,MS,#8,Y	3
5	110301GT	WELDMENT, PRECLEANER MT.	1
6	49375GT	SCREW,HHC,M6 X 16	1
7	44907GT	HOSE,RADIATOR,5/16 ID X 86"	1
8	110631GT	BRACKET, PRECLEANER TUBE	1
9	70529GT	CAP,PLASTIC,2.5 ID	1
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	60875GT	TRIM MOLDING	21 inches
12	110632GT	FORMING, PRECLEANER TUBE	1
13	4828GT	NUT, NYLOCK, 3/8-16	
14	5397GT	WASHER, FLAT, USS, 5/16-18	
15	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	4
16	80391GT	U-BOLT,5/16 -18 X 2IN**	2
17	33361GT	ELBOW,45 DEGR,RUBBER,2.5"I.D.	1
18	45435GT	CLAMP,HOSE,2.50"	3
19	35067GT	TUBE,RD,ALUM 2.5 X .083	2 inches
20	70488GT	REDUCER,RUBBER 2.5 - 2	1
21	110298GT	WELDMENT, PRECLEANER CONN.	1
22	23057GT	SCREW,HHC,M8 X 20MM	
23	49408GT	WASHER, LOCK, M8	

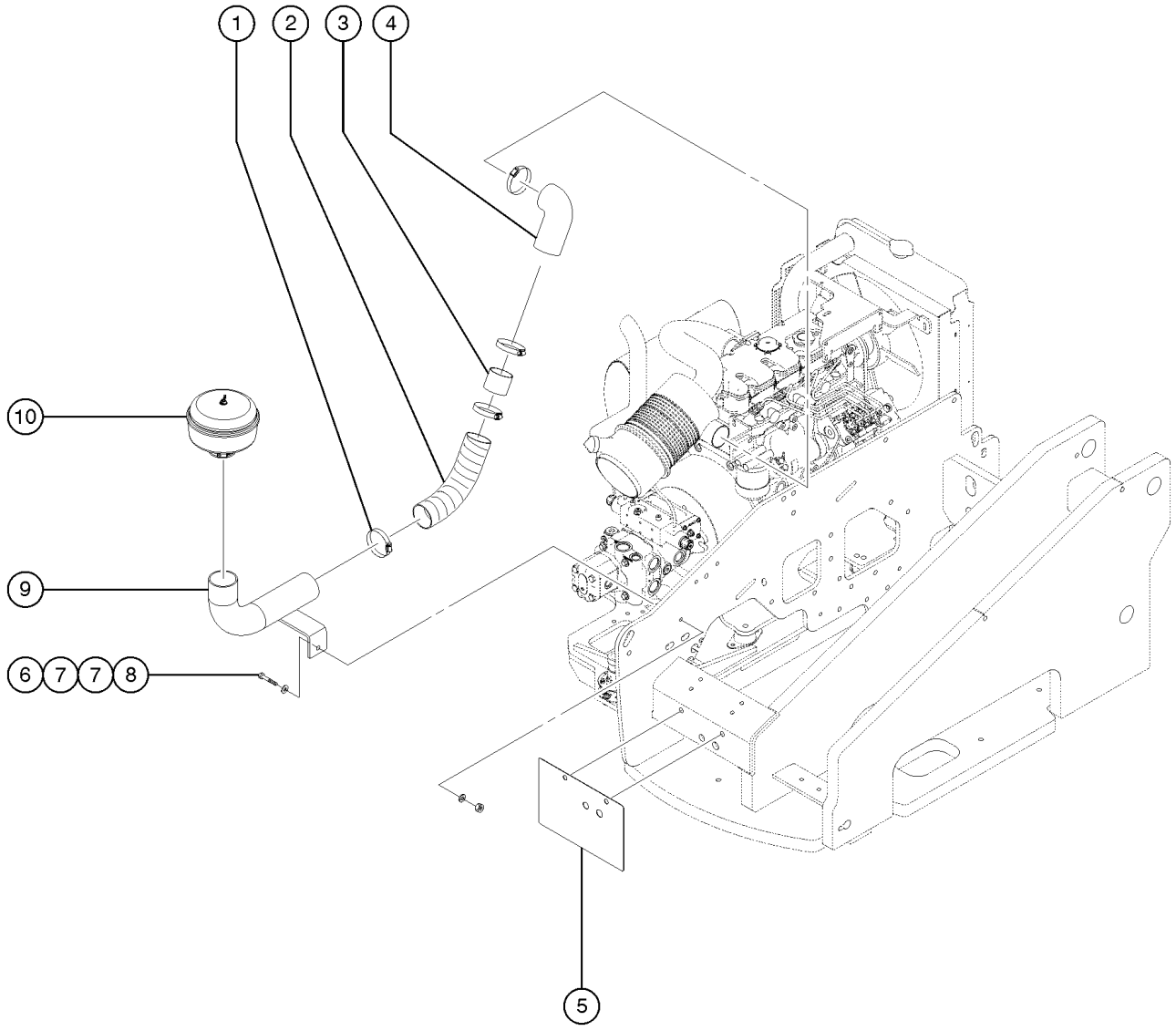
912.1 Hostile Environment Package - Engine Air Pre-cleaners (Ford)



912.1 Hostile Environment Package - Engine Air Pre-cleaners (Ford)

Item	Part No.	Description	Qty.
	139577GT	TURNTABLE CVR, PRECLEANER OPT. no longer available (cover only. Does not include decals, refer to 101.1 or 102.1 for decals)	
	139574GT	ASSY, FORD PRE FILTER	
1	45435GT	CLAMP,HOSE,2.50"	5
2	110421GT	HOSE,AIR INTAKE	1
3	70649GT	PLATE,FRONT COVER	1
4	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
5	5397GT	WASHER, FLAT, USS, 5/16-18	2
6	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	2
7	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	1
8	4828GT	NUT, NYLOCK, 3/8-16	4
9	139575GT	WELDMENT, HOSE ANGLE BRACKET	1
10	34959GT	PRECLEANER,AIR INTAKE***	1
11	119770GT	HOSE,2.5" FLEX	1
12	71911GT	CLAMP,MUFFLER, 2.50 INCH	1
13	139393GT	TUBE, PRE-CLEANER, FORD	1
14	139392GT	BRACKET, PRE-CLEANER, FORD	1

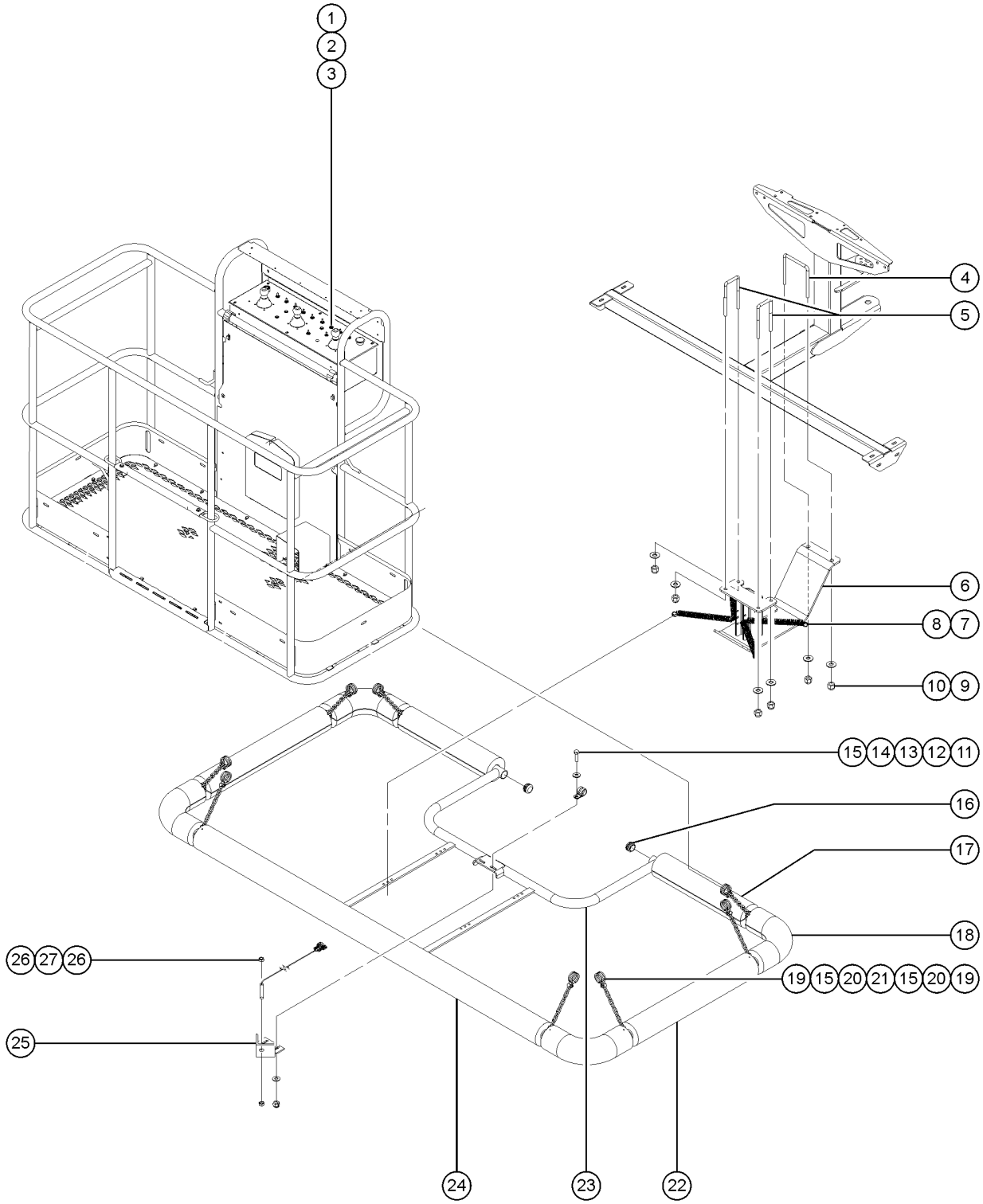
913.1 Hostile Environment Package - Engine Air Pre-cleaners (Perkins)



913.1 Hostile Environment Package - Engine Air Pre-cleaners (Perkins)

Item	*Part No.*	*Description*	*Qty.*
	119686GT	ASSY,PERKINS PRE FILTER	
	128479GT	COVER ASSY,PKNS HOST ENV,WORD	
	128480GT	COVER ASSY,PKNS HOST ENV,SYMB	
1	45435GT	CLAMP,HOSE,2.50"	3
2	119770GT	HOSE,2.5" FLEX	1
3	35067GT	TUBE,RD,ALUM 2.5 X .083	2 inches
4	50941GT	HOSE,90DEG 2.5" AIR INTAKE	1
5	70649GT	PLATE,FRONT COVER	1
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	1
7	5397GT	WASHER, FLAT, USS, 5/16-18	2
8	4828GT	NUT, NYLOCK, 3/8-16	1
9	139575GT	WELDMENT, HOSE ANGLE BRACKET (replaced 35067-200, 119687, and 34167)	1
10	34959GT	PRECLEANER,AIR INTAKE***	1

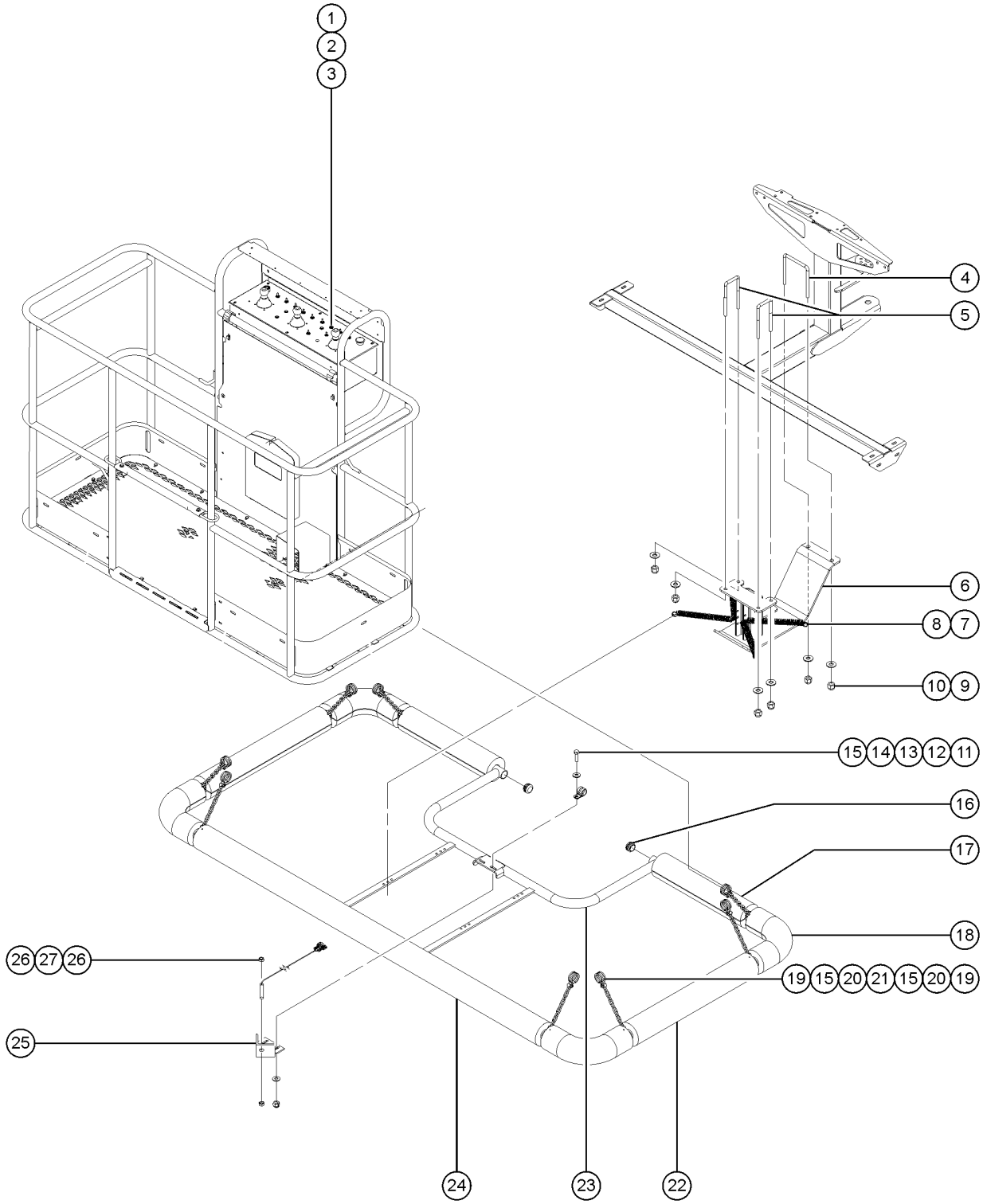
914.1 Aircraft Protection Package, Standard (from SN Z452508A-37297)



914.1 Aircraft Protection Package, Standard (from SN Z452508A-37297)

Item	Part No.	Description	Qty.
1	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM	1
1-	139882GT	HARN, AC PROTECTION BYPASS	1
2	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
3		Ref. DECAL,FUNCTION OVERRIDE (refer to 101.1)	1
4	106044GT	U-BOLT,3/8-16X4X4.63X3.00	1
5	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD	2
6	139904GT	WELDMENT, SKIDPLATE**	1
7	88384GT	SPRING, SS, 3/4-EO750-69-4500	4
8	88385GT	SPRING, SS, 1/2-EO500-49-4500	4
9	4828GT	NUT, NYLOCK, 3/8-16	
10	5397GT	WASHER, FLAT, USS, 5/16-18	
11	6888GT	SCREW, HHC, 1/4-20 X 1	
12	6638GT	WASHER, FLAT, USS, 1/4"Y	
13	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	6091GT	NUT,NYLOCK,1/4-20	
16	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
17	75617-1675GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
18	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG	4
19	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	16
20	6090GT	SCREW, HHC, 1/4-20 X .75	
21	56426-700GT	CHAIN,NO.2 (11 LINKS)	8
22	75617-2275GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
23	139181GT	WELDMENT,AIRCRAFT SENSOR BUMPR	1
24	75617-6475GT	PADDING,FOAM 3.5"OD X 1.50"ID use until exhausted	1
24B	75617-3238GT	PADDING, FOAM 3.0" OD X 1.50" ID	2
25	77797GT	WELDMENT, SENSOR MOUNT	1
26	88390GT	NUT,HEX,M8,PLASTIC	

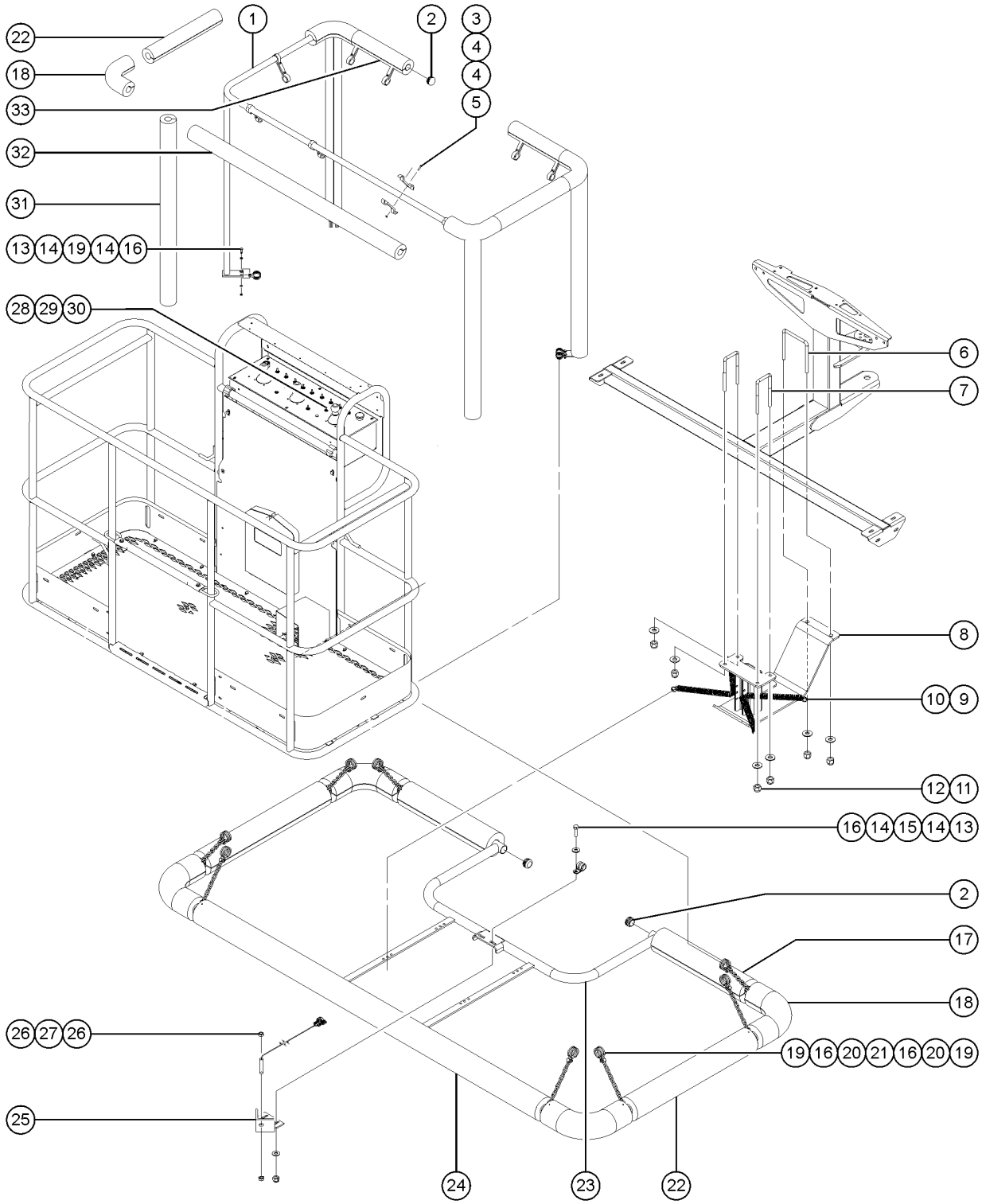
914.1 Aircraft Protection Package, Standard (from SN Z452508A-37297)



914.1 Aircraft Protection Package, Standard (from SN Z452508A-37297)

Item	*Part No.*	*Description*	*Qty.*
27	81532GT	HARNESS, PROX. KILL includes 27391 proximity sensor	1
27-	27391GT	PROXIMITY SENSOR***	

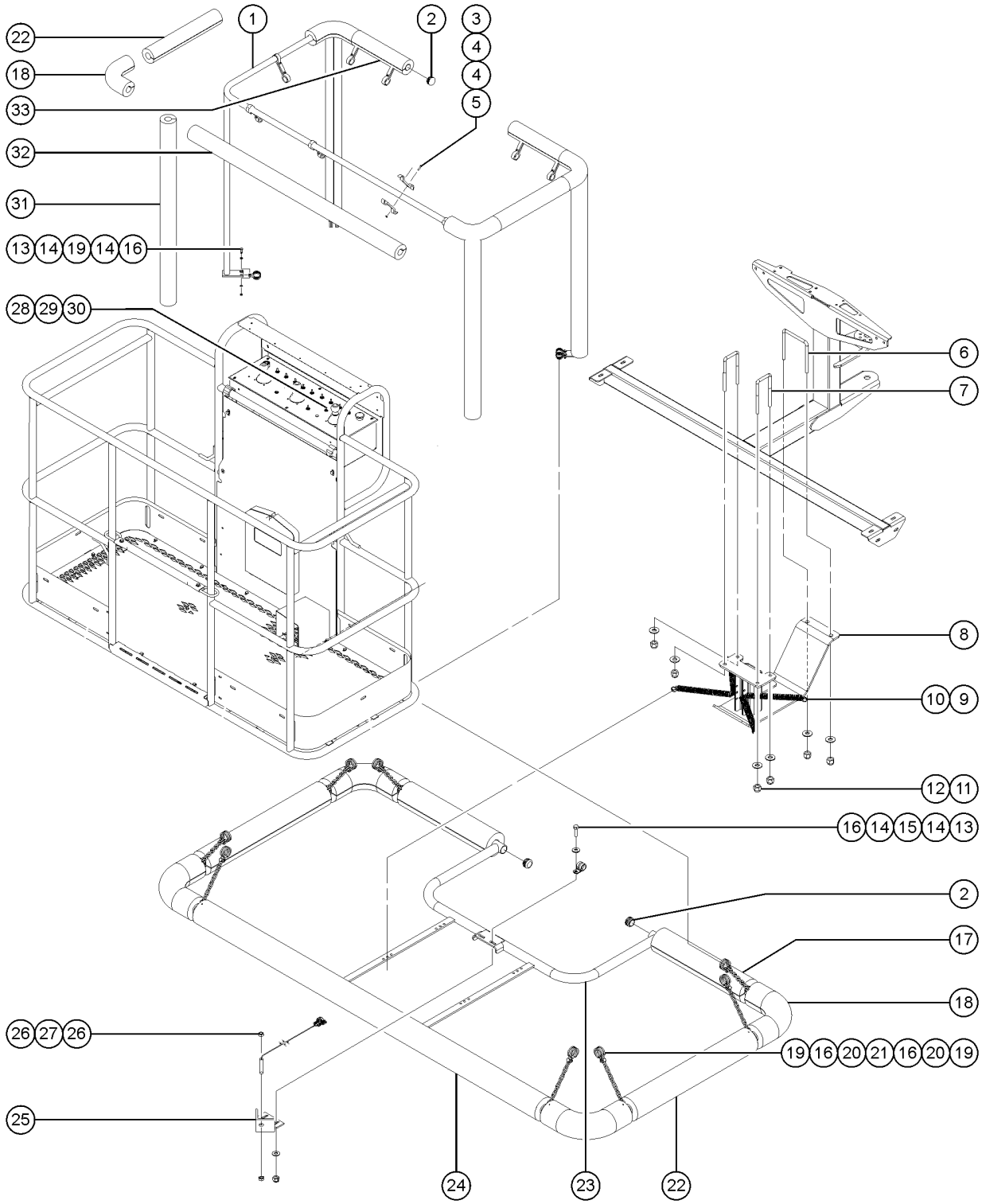
915.1 Aircraft Protection Package, Deluxe (from SN Z452508A-37297)



915.1 Aircraft Protection Package, Deluxe (from SN Z452508A-37297)

Item	Part No.	Description	Qty.
	822760GT	ASSY,AIRCRFT PROT, LOWER, 6FT	
1	46188GT	WELDMENT, AIRCRAFT TOP BUMPER	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
3	122231GT	SCREW,BHSC,1/4-20 X 1	
4	122073GT	SUPPORT, RAILING	20
5	6889GT	NUT,LP NYLOCK,1/4-20	
6	106044GT	U-BOLT,3/8-16X4X4.63X3.00	1
7	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD	2
8	139904GT	WELDMENT, SKIDPLATE**	1
9	88384GT	SPRING, SS, 3/4-EO750-69-4500	4
10	88385GT	SPRING, SS, 1/2-EO500-49-4500	4
11	4828GT	NUT, NYLOCK, 3/8-16	
12	5397GT	WASHER, FLAT, USS, 5/16-18	
13	6888GT	SCREW, HHC, 1/4-20 X 1	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
16	6091GT	NUT,NYLOCK,1/4-20	
17	75617-1675GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
18	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG	8
19	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	16
20	6090GT	SCREW, HHC, 1/4-20 X .75	
21	56426-700GT	CHAIN,NO.2 (11 LINKS)	8
22	75617-2275GT	PADDING,FOAM 3.5"OD X 1.50"ID	4
23	139181GT	WELDMENT,AIRCRAFT SENSOR BUMPR	1
24	75617-6475GT	PADDING,FOAM 3.5"OD X 1.50"ID use until exhausted	1
24B	75617-3238GT	PADDING, FOAM 3.0" OD X 1.50" ID	2
25	77797GT	WELDMENT, SENSOR MOUNT	1
26	88390GT	NUT,HEX,M8,PLASTIC	

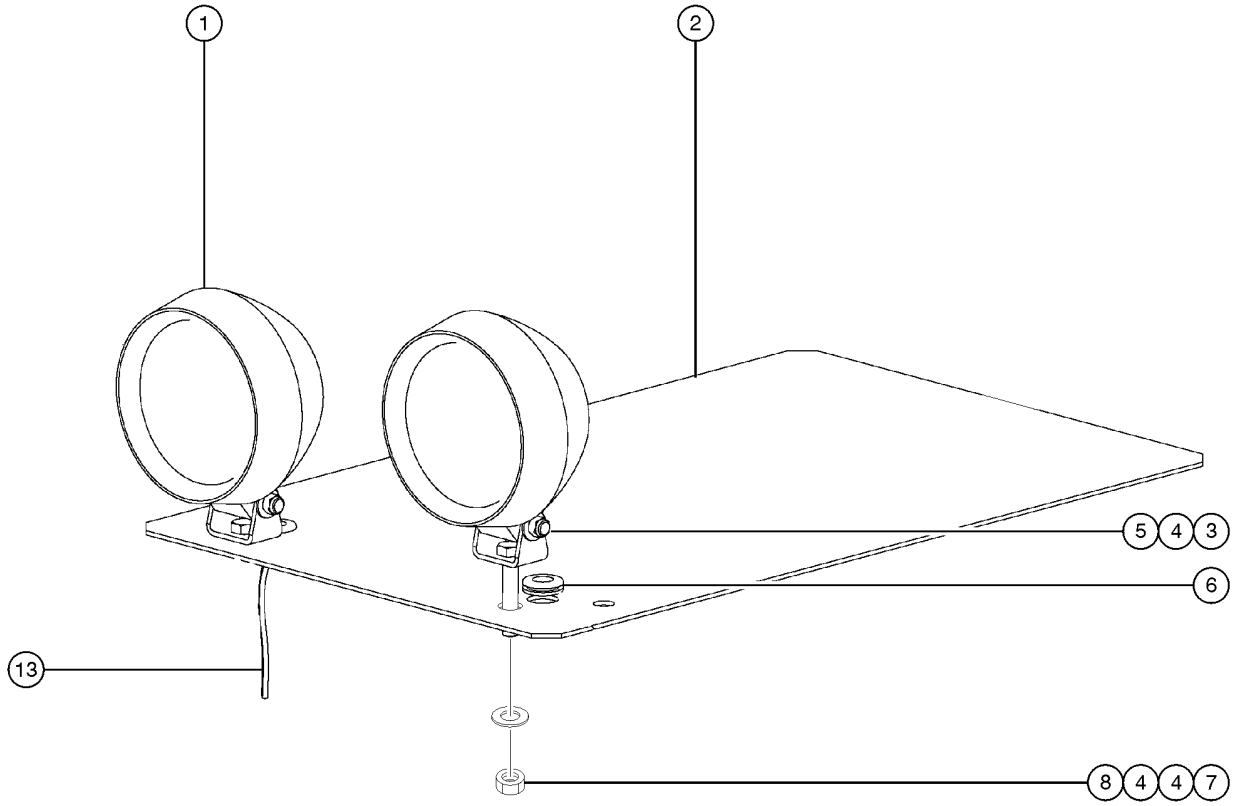
915.1 Aircraft Protection Package, Deluxe (from SN Z452508A-37297)

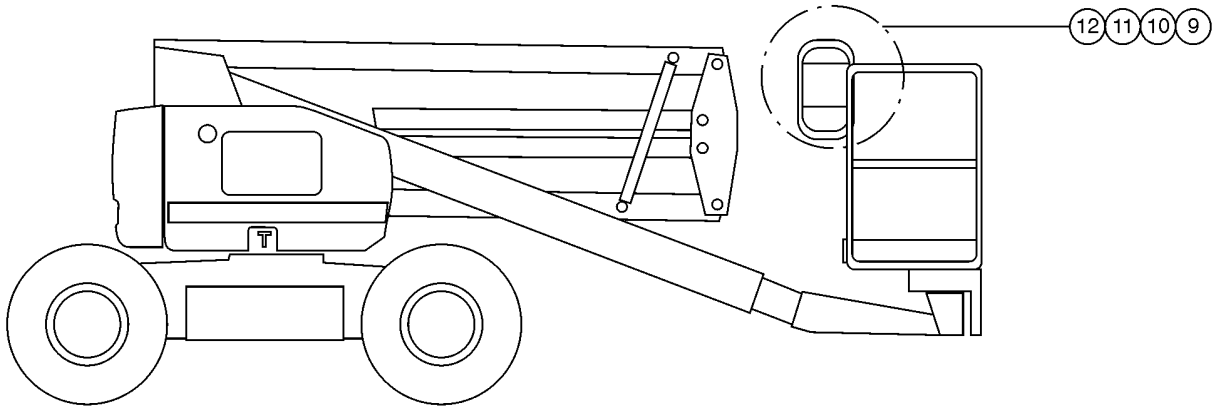


915.1 Aircraft Protection Package, Deluxe (from SN Z452508A-37297)

Item	*Part No.*	*Description*	*Qty.*
27	81532GT	HARNESS, PROX. KILL includes 27391 proximity sensor	1
27-	27391GT	PROXIMITY SENSOR***	
28	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM	1
28-	139882GT	HARN, AC PROTECTION BYPASS	1
29	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
30		Ref. DECAL,FUNCTION OVERRIDE (refer to 101.1)	1
31	75617-4788GT	PADDING,FOAM 3.5"OD X 1.50"ID	4
32	75617-3138GT	PADDING, FOAM 3.0" OD X 1.50" ID	
33	75617-1538GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

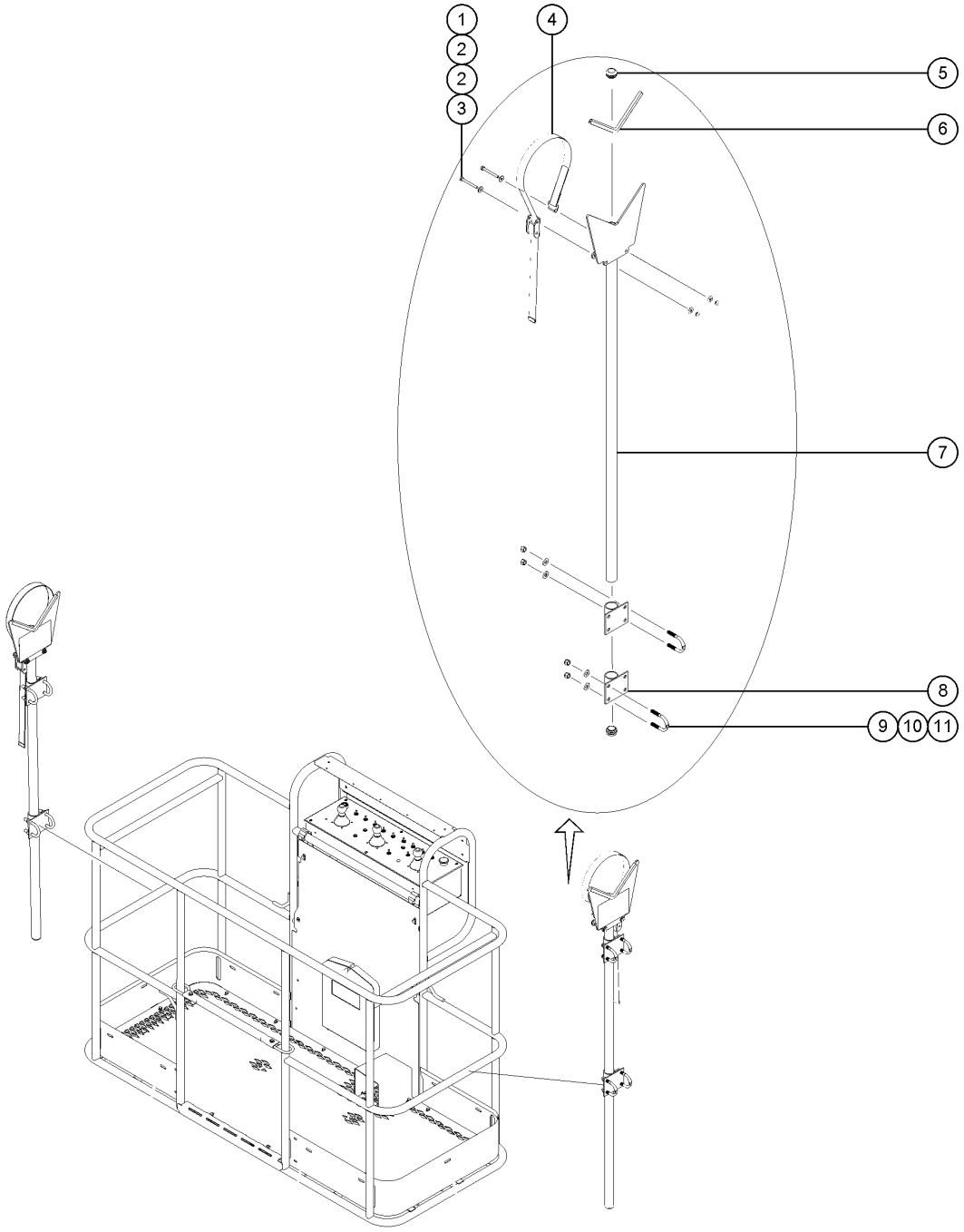
916.1 Drive Lights





Item	Part No.	Description	Qty.
1	107857GT	LIGHT, 12 VOLT (includes items 3-5 and 7-8), replaces 34321GT, customers may need to buy a mounting bracket (35956GT) and other hardware for complete install	1
2	50770GT	COVER,DR CHASSIS FRONT,NON-OSC	1
3	10107GT	SCREW,HHC,5/16-18 X .75	1
4	5397GT	WASHER, FLAT, USS, 5/16-18	3
5	6782GT	NUT, NYLOCK, 5/16-18	1
6	53517GT	GROMMET,RUBBER .5 X .014 X .75	2
7	4828GT	NUT, NYLOCK, 3/8-16	2
8	6175GT	SCREW,HHC,3/8-16 X 1	2
9	78098GT	RELAY,24VDC,40/30A,SLD W/BRKT*	1
9-	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	1
9-	6178GT	NUT, NYLOCK, 10-32	1
10	72867GT	DECAL,LABEL,LIGHTS***	1
11	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12	6578GT	CABLE TIE,7 3/8"	5
13	147532GT	HARNESS,DRIVE LIGHT OPTION	1

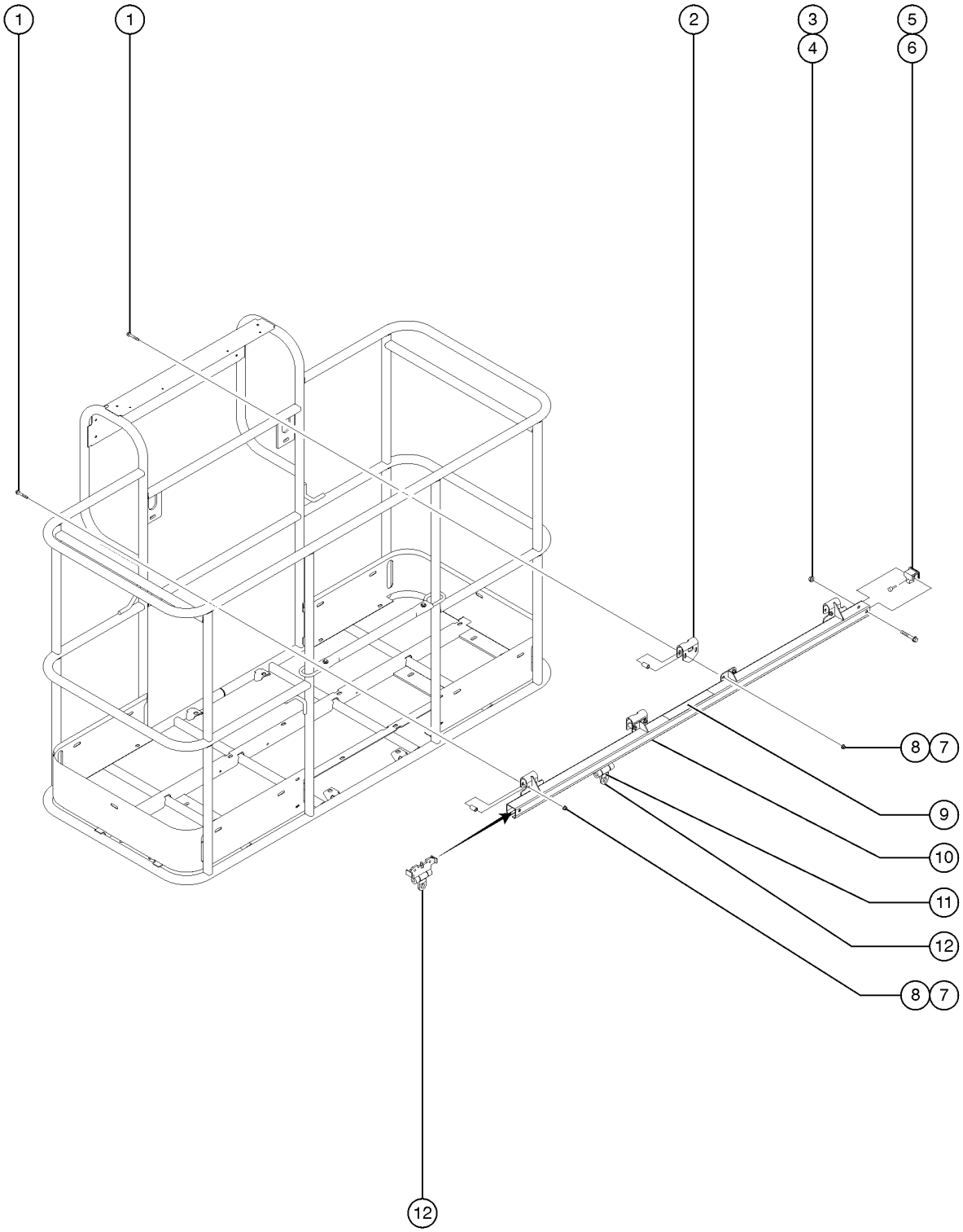
917.1 Pipe Cradle



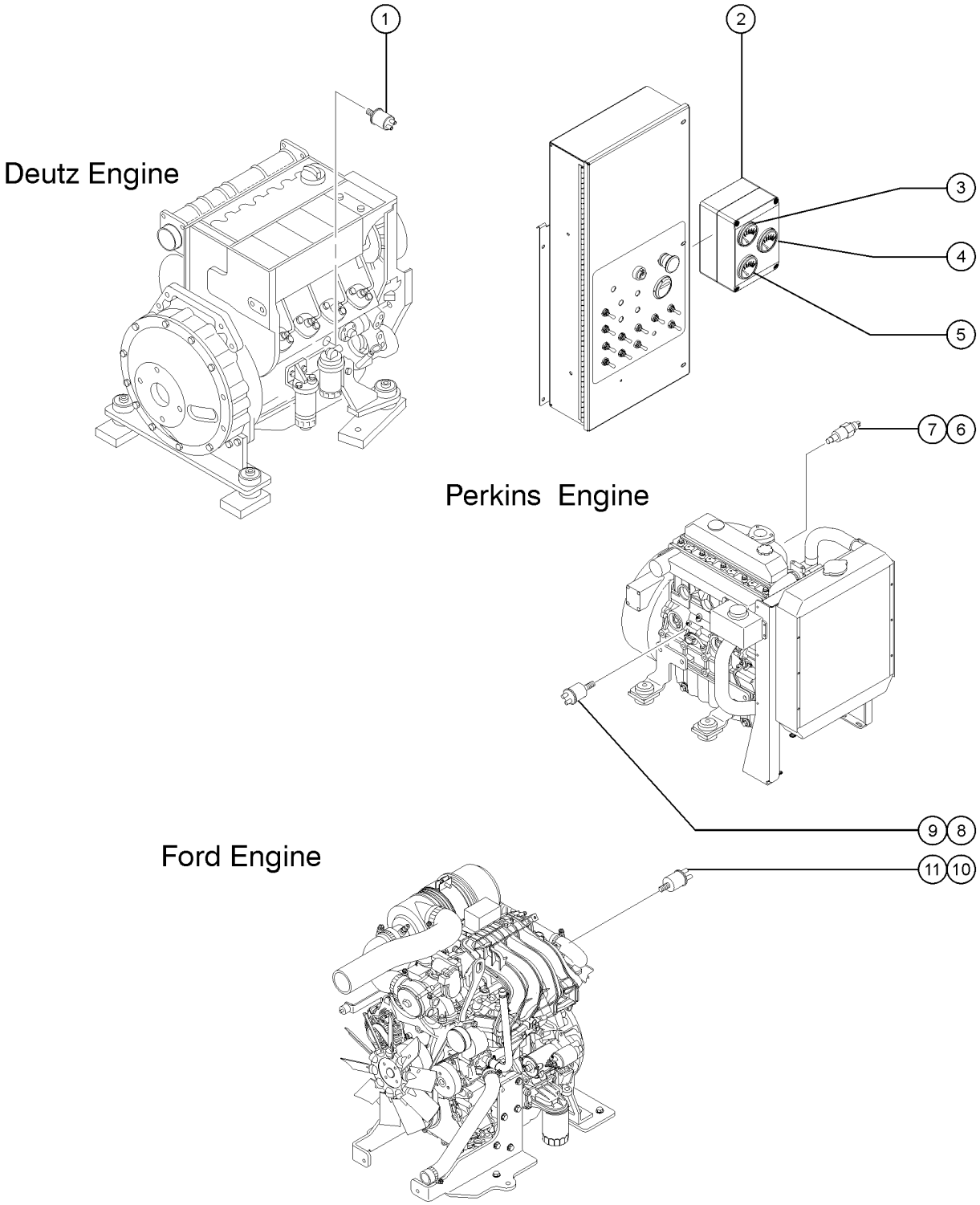
917.1 Pipe Cradle

Item	Part No.	Description	Qty.
A	85300GT	PIPE CRADLE ASSY. SERV (ONE)**	
A-	65630GT	INSTRUCTIONS-PIPE CRADLE,BOOMS	
1	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	
2			
3	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
4	56570GT	STRAP, CONDUIT HOLDER 60"***	2
5	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
6	19018GT	TRIMLOCK,BLACK,5/32"	11
7	56525GT	WELDMENT, PIPE CRADLE (decal not included order serperately)	2
7-	72875GT	DECAL,WARNING,PIPE CRADLE,BOOM (must be ordered seperately)	4
8	81368GT	WELDMENT,PIPE CRADLE MOUNT	4
9	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
10			
11	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	8

918.1 Fall Arrest Bar



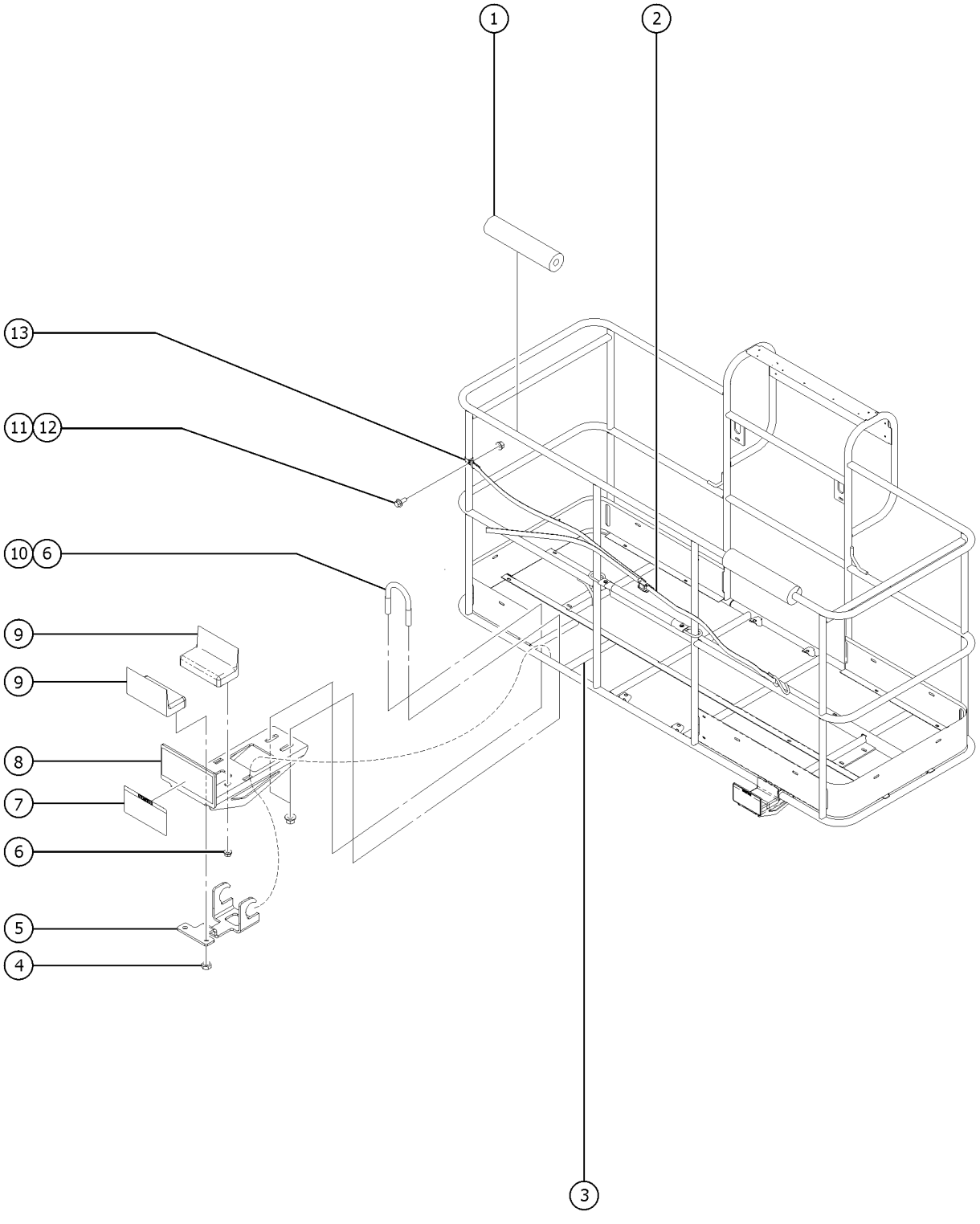
Item	Part No.	Description	Qty.
1	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG	4
2	1256389GT	FORMING,INNER HANGER	2
3	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
4	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	2
5	1260892GT	END STOP. TFAAS TRACK	2
6	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	2
7	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG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


Deutz Engine
1
2
3
4
5
Perkins Engine
6
7
8
9
Ford Engine
10
11

919.1 Gauge Option

Item	Part No.	Description	Qty.
1	106033GT	ADAPTER,NPT 6-4	
2	101232GT	ENCLOSURE BOX,GAUGE OPT,DRILLD	1
2-	101227PGT	FORMING,GAUGE OPTION BRKT PNTD	1
3	53761-SGT	GAUGE,VOLTAGE	1
4	53758-SGT	GAUGE,OIL PRESSURE W/O SENDER	1
5	53759-SGT	GAUGE,WATER TEMP	1
6	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1
7	28607GT	ADAPTER,140139-8-6	1
8	30810GT	SENDING UNIT,OIL PRESSURE*** dual-terminal sender	1
9	71038GT	ADAPTER, 1/8 X 1/4 F3H6-S	1
10	119418GT	ADAPTER,140130-4-4	1
11	119417GT	TEE,RUN,1/4" PIPE	1

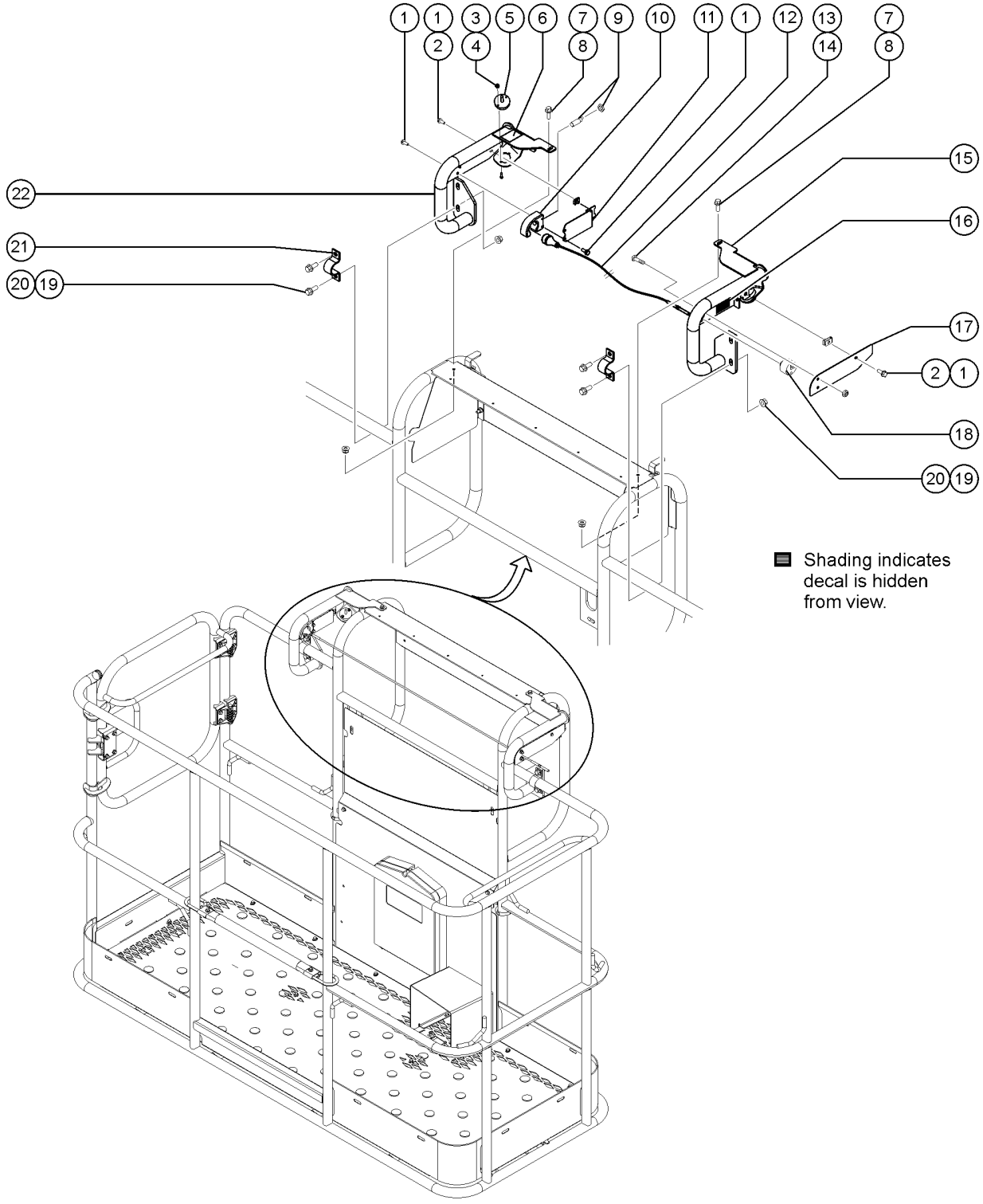
920.1 Panel Cradle Option



920.1 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	73463-1175GT	TUBE, RD, ALUM, 1.25 X .083 X 11.75	2
4	824038GT	NUT, TL JAM, 3/8-16, A, ZAG	4
5	228849GT	FORMING,SECONDARY SUPPORT	2
6	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
7A	82410GT	DECAL,WARNING,PANEL CRADLE (ANSI/CSA models)	2
7B	82487GT	DECAL,SYMBOL-READ THE MANUAL (CE/AUS models)	2
8	228848GT	FORMING PANEL CRADLE	2
9	56934GT	PAD,REST,1"THICK,FLANGED	4
10	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
11	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	1
12	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	1
13	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	1

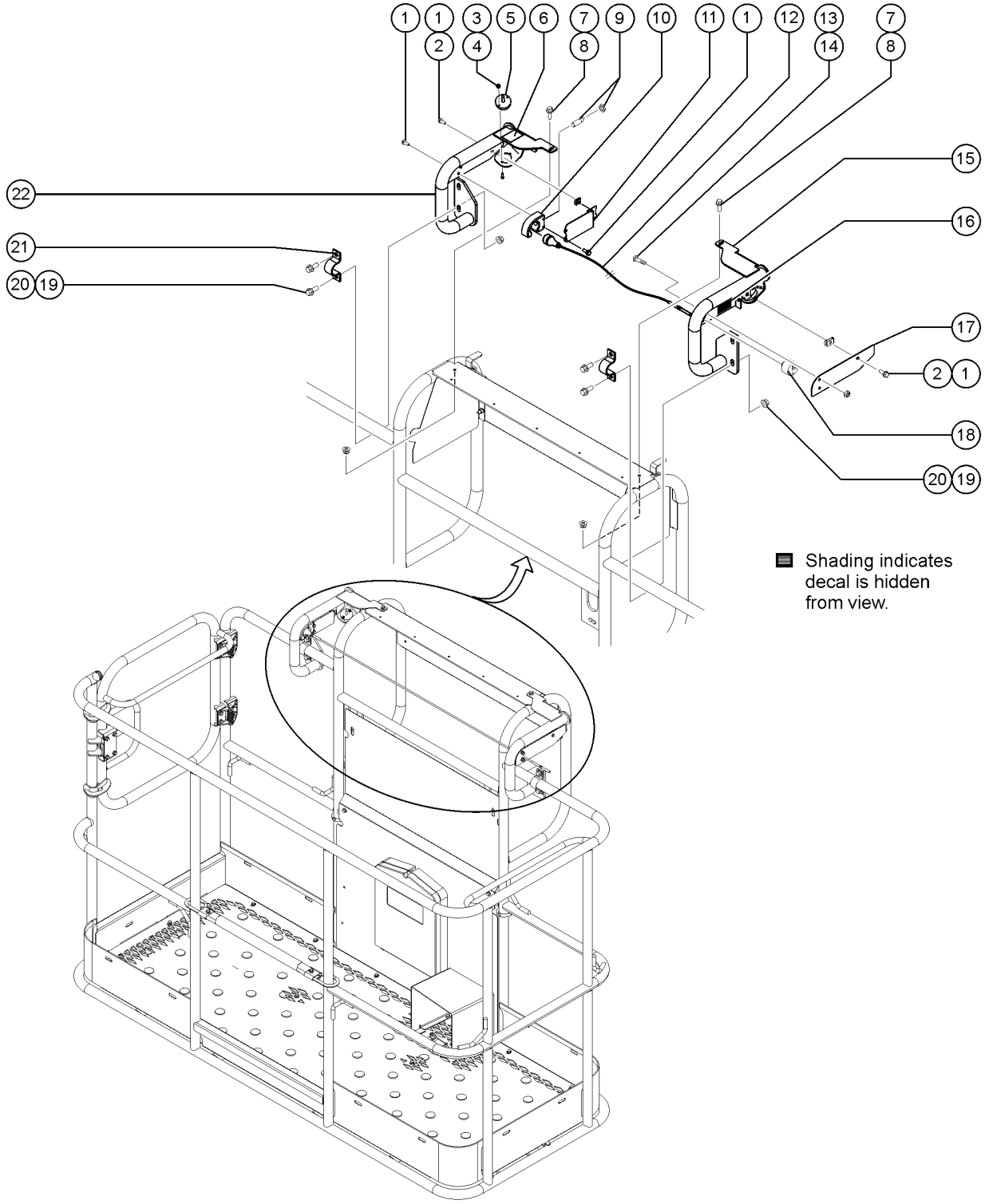
921.1 Lift Guard Contact Alarm (from January 2017)



921.1 Lift Guard Contact Alarm (from January 2017)

Item	Part No.	Description	Qty.
-		From January 2017, this option became a standard installation on all models unless the customer specifically request not to have it installed	
-	1279135GT	KIT, LIFT GUARD CONTACT ALARM,6'-8' PLATFORM,NON-ALC1000 measure platform before ordering - (for 6 feet and 8 feet platform)	
1	1264934GT	SCREW,HHF,10-24X.5	7
2	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	2
3	12344GT	NUT,NYLOCK,6-32	4
4	1256859GT	SCREW,PHPM,6-32X.875,ZAG	4
5	1278111GT	ASSEMBLY, LIGHT, CONTACT ALARM	2
6	1278542GT	DECAL, INSTRUCTION, CONTACT ALARM	
7	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
8	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
9	1278119GT	ASSEMBLY, SENSOR, PROX, CONTACT ALARM	1
10	1278433GT	ASSY SENSOR W/HOUSING (Includes holder item 1277877 and sensor part 1278119)	
10-	1277877GT	HOLDER, SENSOR	1
11	1277873GT	FORMING, SENSOR HOLDER	1
12	1278416GT	ASSEMBLY,CONTACT ALARM CABLE, LARGE (for 6 feet and 8 feet platform)	1
12-	1261184GT	NUT,1/4-20,8,ZAG Part of assembly 1278416	
12-	1278124GT	MAGNET, 1/4-20, 15 LB. Part of assembly 1278416	
12-	1278368GT	GRIP, CABLE Part of assembly 1278416	
12-	1278458GT	CONTACT ALARM WIRE ASSY, LARGE Part of assembly 1278416	
13	824216GT	SCREW, PHPM, 10-32 X 1.5, ZAG	2
14	1264261GT	NUT,SERRATED,10-32,ZAG	2
15	1278138GT	WELDMENT, RIGHT CONTACT ALARM, LARGE (for 6 feet and 8 feet platform)	1
15-	1261184GT	NUT,1/4-20,8,ZAG	
15-	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
16	1278982GT	DECAL, INSTRUCTION, ACTUATOR SWITCH SOCKET	
17	1277875GT	PLATE, CABLE AND WIRE COVER	1
18	1277876GT	GUIDE, CABLE	1
19	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4

921.1 Lift Guard Contact Alarm (from January 2017)



921.1 Lift Guard Contact Alarm (from January 2017)

Item	*Part No.*	*Description*	*Qty.*
20	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	4
21	1278363GT	CLAMP, 1.25 INCH TUBE	2
22	1278144GT	WELDMENT, LEFT CONTACT ALARM, LARGE (for 6 feet and 8 feet platform)	1

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WARNING

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

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

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

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

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