A TEREX BRAND

Parts Manual

Serial Number Range

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

from SN Z452505-27000 to Z452507-34010

Part No. 110316GT
Rev: F.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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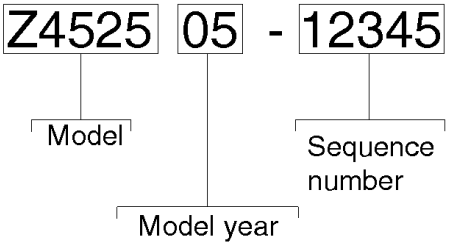
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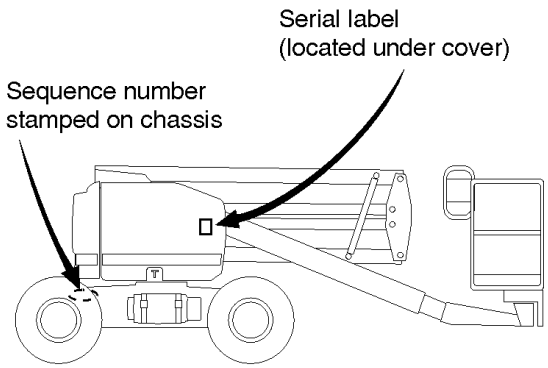
A TEREX BRAND

Model: Z-45/25
Serial number: Z452505-12345
Model year: 2005 **Manufacture date:** 04/12/05
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

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





How to Order Parts

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

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

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

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

Machine Information

_____

Model

_____

Serial Number

_____

Date of Purchase

_____

Authorized Genie Distributor

_____

Phone Number

North America

Telephone (425)881-1800

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

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

http://genielift.com/en

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

http://genielift.co.uk

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

http://genielift.com.sg/

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

http://genielift.com.au

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

Required Parts

The following parts are required to perform maintenance procedures as outlined in the Genie 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 LRG-425 EFI Models (to SN 30141):

Description	Part No.
Fuel Pre-Filter	52179
Fuel Pressure Regulator/Filter	58967
Engine Oil Filter	28656
Air Filter Element	77295
Serpentine Belt	52580
PCV Valve	33957
Spark Plug	106490

Ford DSG-423 EFI Models (from SN 30142):

Description	Part No.
Fuel Pre-Filter	52761
Fuel Sensor Assembly.	119170
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)

Description — Page

100 Decals 10

101.1 Decals with Words, Z-45/25 10
101.2 Decals with Words, Z-45/25J 16
102.1 Decals with Symbols, Z-45/25 20
102.2 Decals with Symbols, Z-45/25J 24

200 Chassis Components 28

201.1 Steer-End Wheels and Hubs, 4WD Models 28
202.1 Steer-End Wheels and Hubs, 2WD Models 34
203.1 Steer Axle Linkage 38
204.1 Steer Axle, Narrow Models 42
205.1 Non-steer End Wheels and Hubs 44
206.1 Non-steer Axle 50
207.1 Oscillate Valve 54
207.2 Oscillate Valve 56
208.1 Drive Chassis Counterweight - Narrow Models 58

300 Turntable Components 60

301.1 Turntable Rotator 60
302.1 Fuel and Hydraulic Tanks 64
303.1 Function Manifold and Ground Control Box Placement, Z-45/25 68
303.2 Function Manifold and Ground Control Box Placement, Z-45/25J 72
304.1 Ground Control Box - View 1, Z-45/25 76
304.2 Ground Control Box - View 1, Z-45/25J 84
305.1 Ground Control Box - View 2 92
306.1 Turntable Covers, Engine Side (to SN 30141) 96
306.2 Turntable Covers, Engine Side (from SN 30142) 100
307.1 Turntable Covers, Tank Side (to SN 30141), Z-45/25 104
307.1 Turntable Covers, Tank Side (to SN 30141), Z-45/25J 108
307.2 Turntable Covers, Tank Side (from SN 30142) 112
308.1 Wire Harness Diagram, Z-45/25 116
308.2 Wire Harness Diagram, Z-45/25J 118

400 Engine Components 120

401.1 Ford LRG-425 EFI Engine - View 1 (to SN 30141) 120
402.1 Ford LRG-425 EFI Engine - View 2 (to SN 30141) 124
403.1 Deutz F3L 2011/ D2011L03i Engine - View 1 130
404.1 Deutz F3L 2011/ D2011L03i Engine - View 2 134
405.1 Perkins 404-22 Engine - View 1 140
406.1 Perkins 404-22 Engine - View 2 144
407.1 Ford DSG-423 Engine - View 1 (from SN 30142) 150

Description — Page

408.1 Ford DSG-423 Engine - View 2 (from SN 30142) 154
409.1 Ford DSG-423 Engine - View 3 (from SN 30142) 158
410.1 Ford DSG-423 Engine - View 4 (from SN 30142) 164
411.1 Engine Tray and Battery 170

500 Boom Components 172

501.1 Boom Pins and Bearings, Z-45/25 172
501.2 Boom Pins and Bearings, Z-45/25J 174
502.1 Boom Linkage, Z-45/25 176
502.2 Boom Linkage, Z-45/25J 180
503.1 Upper Pivot Components, Z-45/25 184
503.2 Upper Pivot Components, Z-45/25J 188
504.1 Primary and Extension Booms, Z-45/25 192
504.2 Primary and Extension Booms, Z-45/25J 196
505.1 Cable Track, Z-45/25 200
505.2 Cable Track, Z-45/25J 202
506.1 Non-Jib Platform Leveling and Rotation, Z-45/25 204
507.1 Jib Platform Leveling, Z-45/25J 208
508.1 Jib Platform Rotation and Support, Z-45/25J 212
509.1 Jib Detail, Z-45/25J 214

600 Platforms 216

601.1 Platform configurtion 216
602.1 Platform Components 218
603.1 Platform Control Box - View 1, Z-45/25 222
603.2 Platform Control Box - View 1, Z-45/25J 230
604.1 Platform Control Box - View 2, Z-45/25 236
604.2 Platform Control Box - View 2, Z-45/25J 240
605.1 Joysticks (to SN 31327) 244
605.2 Joysticks (from SN 31328) 246

700 Manifolds and Pumps 248

701.1 2WD Traction Manifold 248
702.1 4WD Traction Manifold 250
703.1 Function Manifold 258
704.1 Jib and Platform Rotate Manifolds, Z-45/25 264
704.2 Jib and Platform Rotate Manifolds, Z-45/25J 266
705.1 Pumps 268

800 Hydraulic Hoses and Fittings 270

801.1 2WD Drive and Steer 270
802.1 2WD Drive and Steer - Narrow Models 272

Description — Page

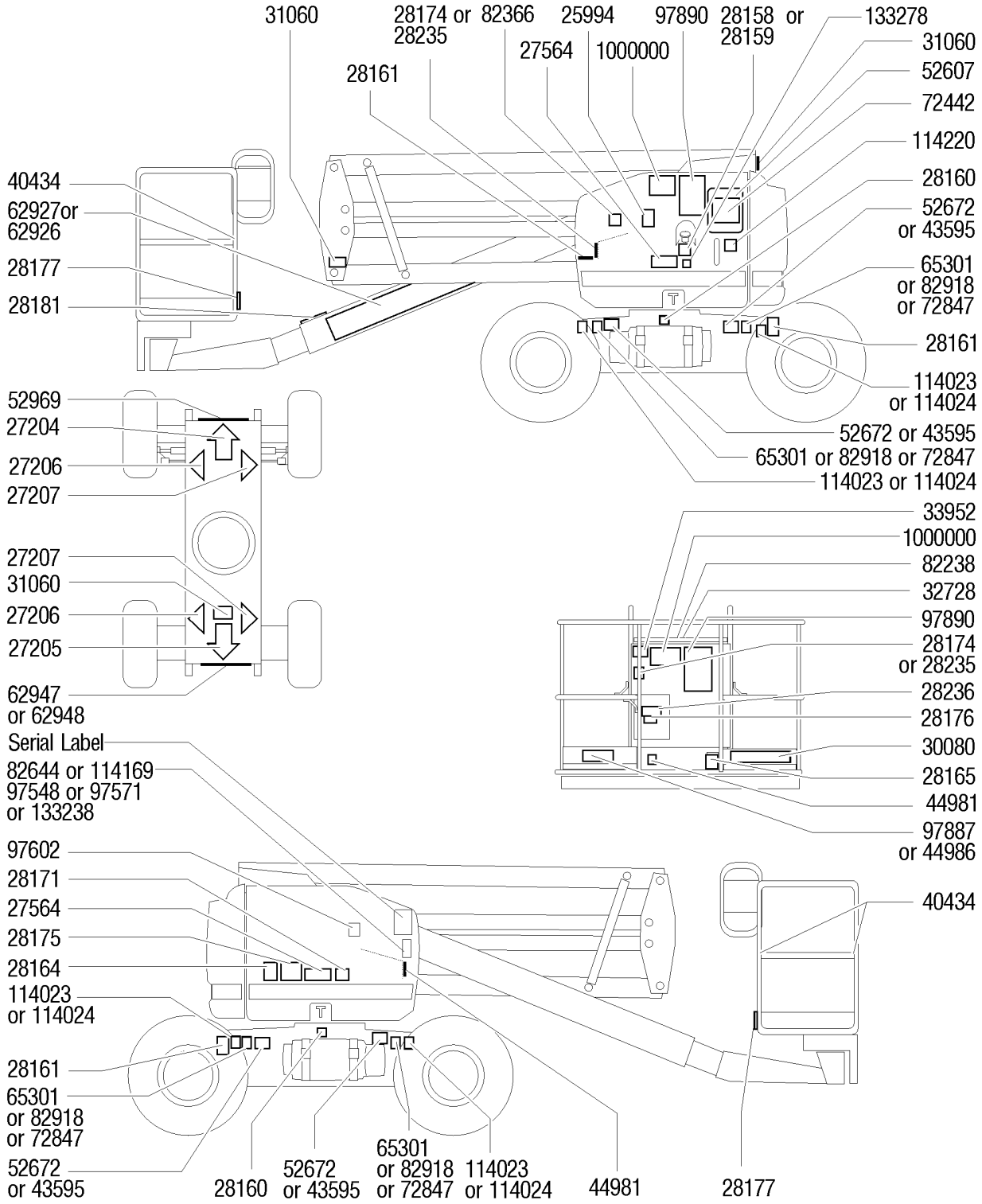
803.1 4WD Drive and Steer System 274
804.1 Oscillate System 278
805.1 Turntable Components 280
806.1 Boom Components, Z-45/25 284
807.1 Boom Components, Z-45/25J 286

900 Accessories 290

901.1 Alarm and Beacon Package 290
902.1 Platform Options 292
903.1 Platform Mesh-Side Swing Gate 296
903.2 Platform Mesh-Front Single Entry 298
904.1 Air Line to Platform 302
905.1 Cold Start Package - Ford and Deutz Engines 304
906.1 Hydraulic Generator Option - Gas/LPG Models (to SN 30141) 306
907.1 Platform Overload Option, Z-45/25 310
907.2 Platform Overload Option, Z-45/25J 314
908.1 Hydraulic Generator Option - Gas/LPG Models (from SN 30142) 318
909.1 Hydraulic Hoses and Fittings - Generator Option 322
910.1 Belt Driven Generator - Diesel Models 324
911.1 Hostile Environment Package - View 1, Z-45/25 328
911.2 Hostile Environment Package - View 1, Z-45/25J 330
912.1 Hostile Environment Package - View 2, Z-45/25 332
912.2 Hostile Environment Package - View 2, Z-45/25J 334
913.1 Hostile Environment Package - Engine Air Pre-cleaners 336
914.1 Tow Package, Wide 340
915.1 Tow Package, Narrow 344
916.1 Fall Arrest Bar 348
917.1 Gauge Option 350

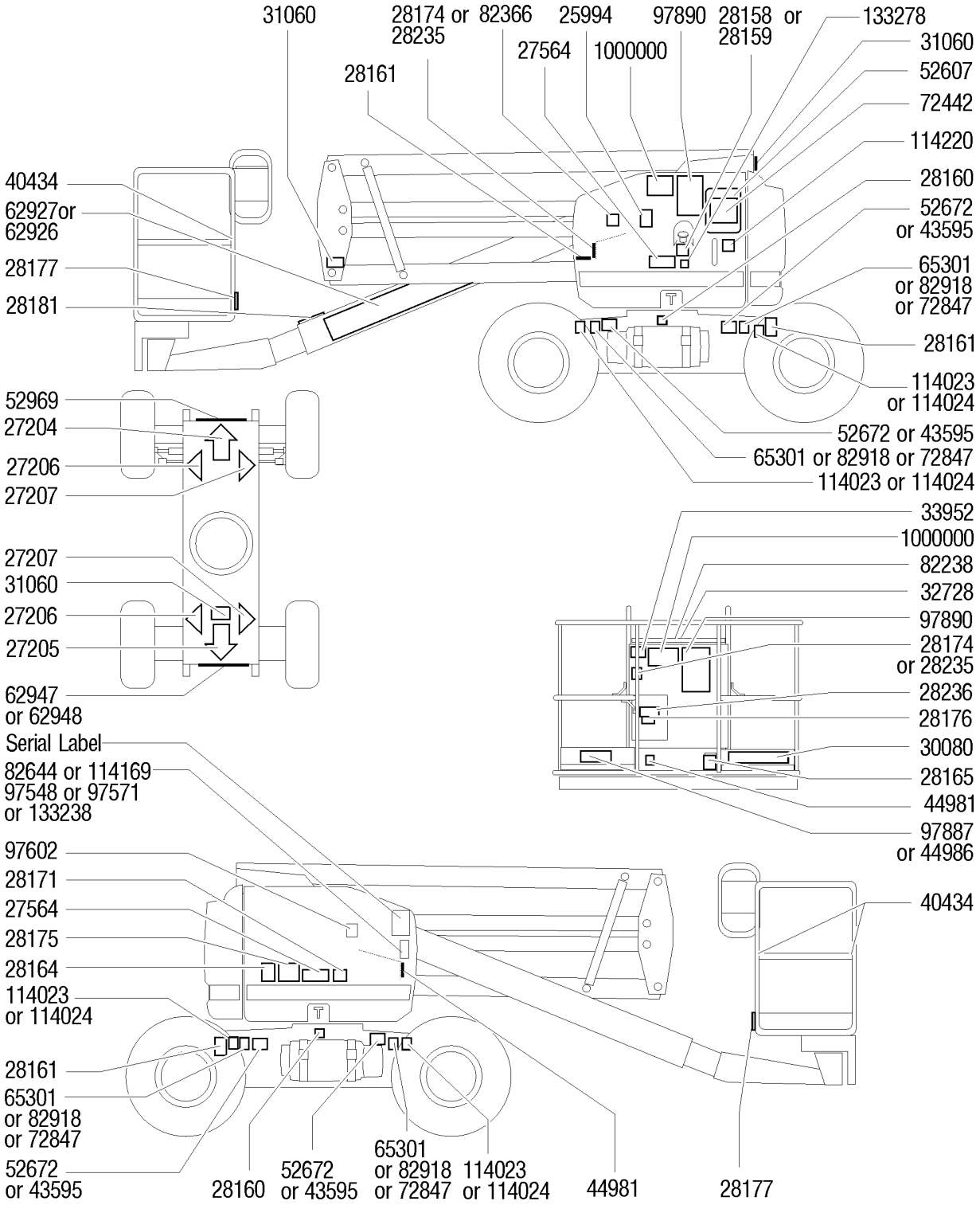
Part Number Index 352

101.1 Decals with Words, Z-45/25



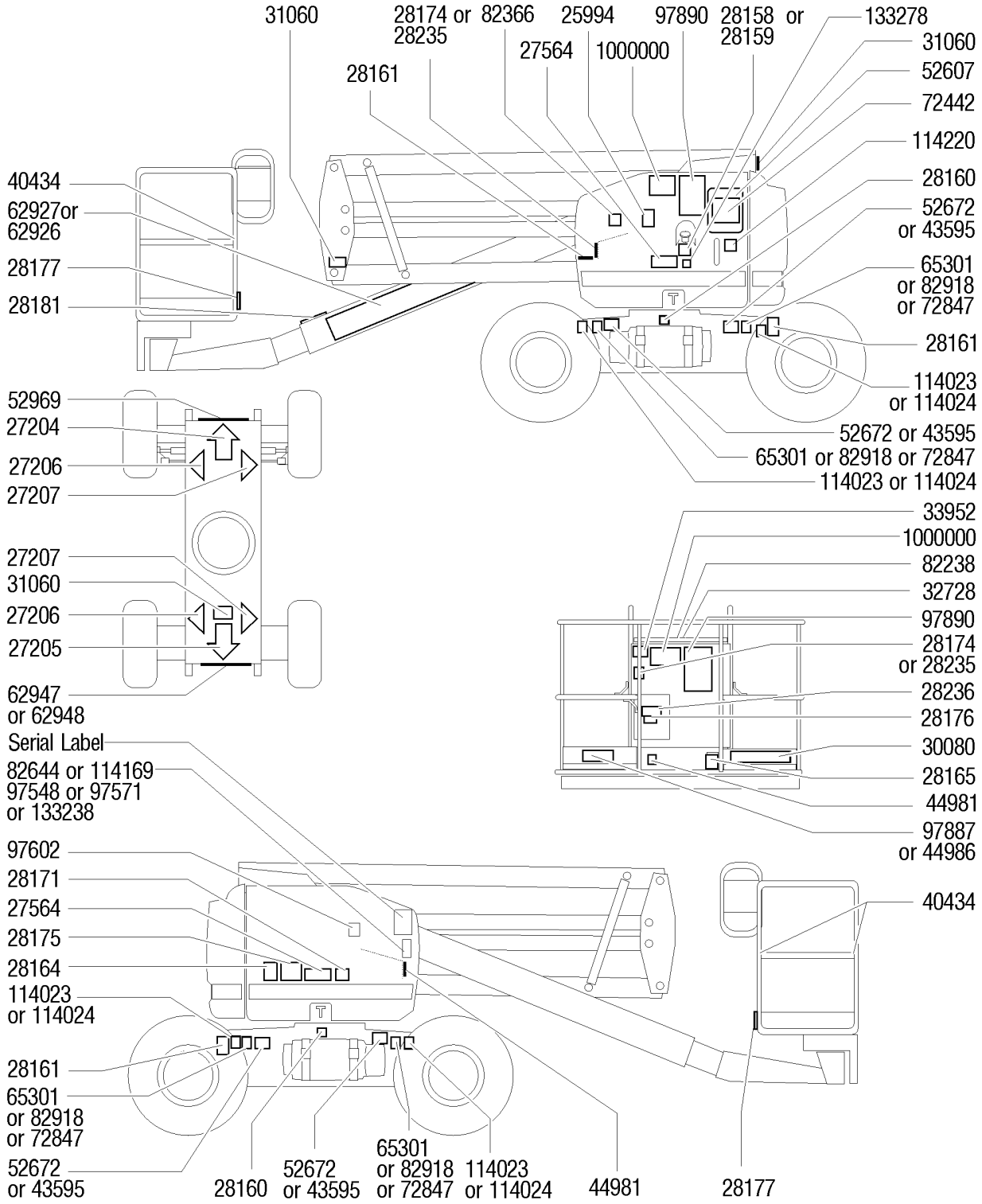
Item	Part No.	Description	Qty.
A	162235GT	DECAL KIT,Z45IC PLAT,WORD,ANSI from SN Z452507-33971 to Z452513A-47000 and from Z452507B-101 to Z452513B-3300 and from Z452513D-101	.
B	162236GT	DECAL KIT,Z45IC COMP,WORD,ANSI from SN Z452507-33971 to Z452513A-47000 and from Z452507B-101 to Z452513B-3300 and from Z452513D-101	.
D	162343GT	DECAL KIT,Z45IC PLAT,WRD,AUST from SN Z452507-33971 to Z452511A-40559 and from Z452507B-101 to Z452511B-1725	.
E	162344GT	DECAL KIT,Z45IC COMP,WRD,AUST from SN Z452507-33971 to Z452511A-40559 and from Z452507B-101 to Z452511B-1725	.
G	110314GT	DECAL KIT,WORD,Z45IC (includes items 1-6, 10-13, 15-18, 20-22, 24, 25, 28, 41, 46-48, 52) to SN Z452507-33970	.
1	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
2	27204GT	DECAL,ARROW BLUE	1
3	27205GT	DECAL,ARROW YELLOW LRG 9"	1
4	27206GT	DECAL,TRIANGLE,BLUE	2
5	27207GT	DECAL,TRIANGLE,YELLOW	2
6	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
7	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
8	28159GT	DECAL,DIESEL	1
9	28160GT	DECAL,LABEL,LIQUID PROPANE	2
10	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
11	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
12	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
13	28171GT	DECAL,DANGER,NO SMOKING ***	1
14	28174GT	DECAL,POWER TO PLATFORM 230V	2
15	28175GT	DECAL,WARNING-COMPART ACCESS	1
16	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
17	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
18	28181GT	DECAL,WARN,FALL HAZARD	1
19	28235GT	DECAL,POWER TO PLATFORM 115V	2
20	28236GT	DECAL,WARN,IMPROPER OPERATION	1
21	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
22	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3

101.1 Decals with Words, Z-45/25



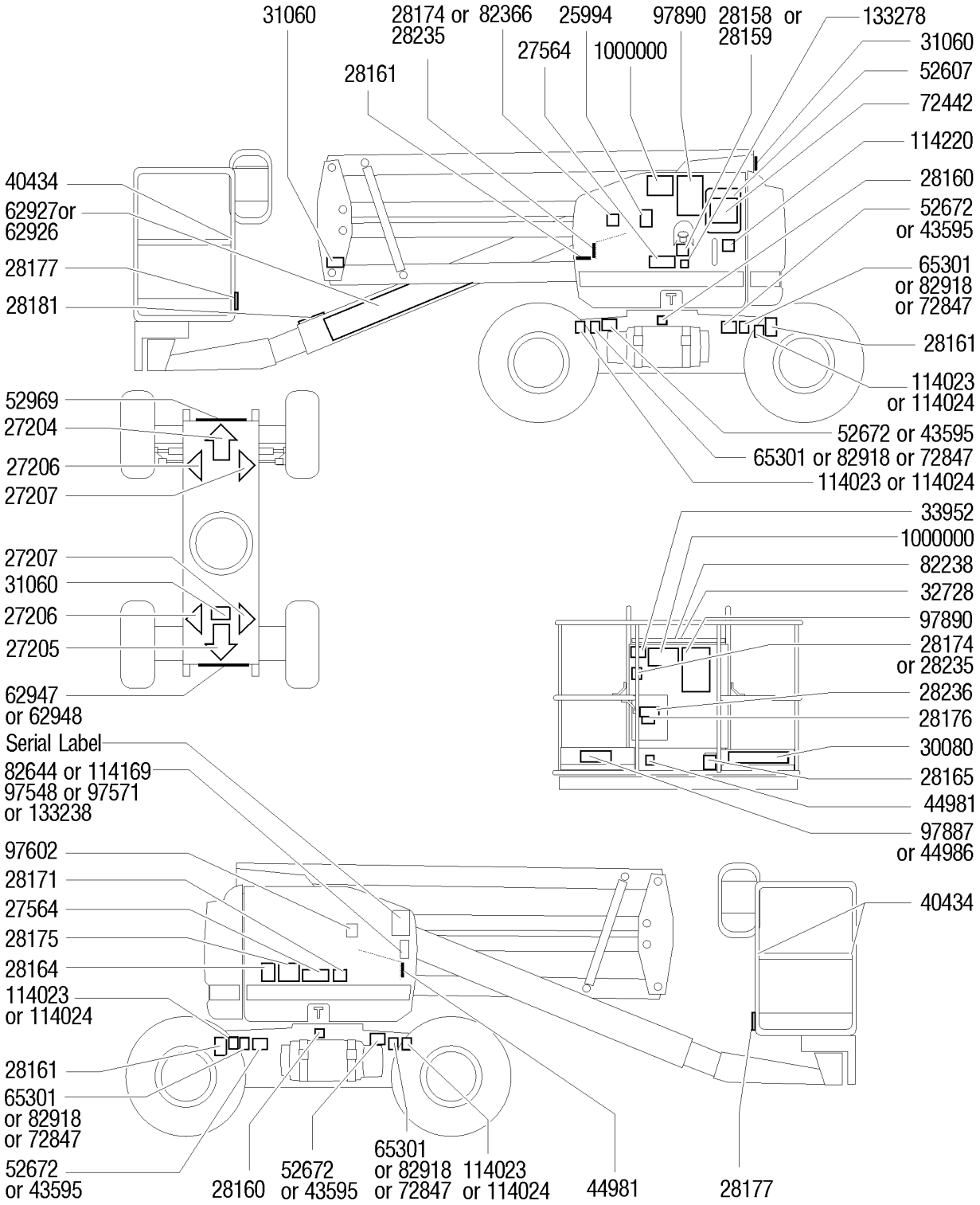
Item	Part No.	Description	Qty.
23	32728GT	DECAL,OPTION GENERATOR***	1
24	33952GT	DECAL,DANGER,TILT ALARM	1
25	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
26	43595GT	DECAL,DANGER,TIP-OVER,TIRES***	4
27	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
28	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1
29	52607GT	DECAL,LABEL,TEST***	1
30	52672GT	DECAL,DANGER,TIPOVER HAZARD***	4
31	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
33	62927GT	DECAL,COSMETIC,GENIE Z-45/25	1
34	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
36	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
37	65301GT	DECAL,NOTICE,FOAM-FILLED TIRES	4
38	72442GT	DECAL, GROUND CONTROL PANEL	1
39	133095GT	DECAL,NOTICE,HI FLOAT TIRES	4
40	82238GT	DECAL,PLATFORM CONTROL PANEL	1
41	82366GT	DECAL,CHEVRON RANDO HD	1
42	82644GT	DECAL, ENGINE SPEC, PERKINS	1
43	82918GT	DECAL,NOTICE, TIRE SPECS	4
44	97548GT	DECAL,ENGINE SPEC,DEUTZ 2011	1
45	97571GT	DECAL,NOTICE,FORD ENG SPECS T2 to SN 30141	1
46	97602GT	DECAL,EXPLOSION HAZARD	1
47	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
48	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
49	114023GT	DECAL,LABEL,WHEEL LOAD Z4525	4
51	114220GT	DECAL,LABEL,RELAYS,Z45IC,Z51	1
52	1000000GT	DECAL,NOTICE,OPER INST.IXC	2
53	114169GT	DECAL,FORD ENGINE SPEC DSG423 from SN 30142	1

101.1 Decals with Words, Z-45/25



Item	Part No.	Description	Qty.
55	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL	1

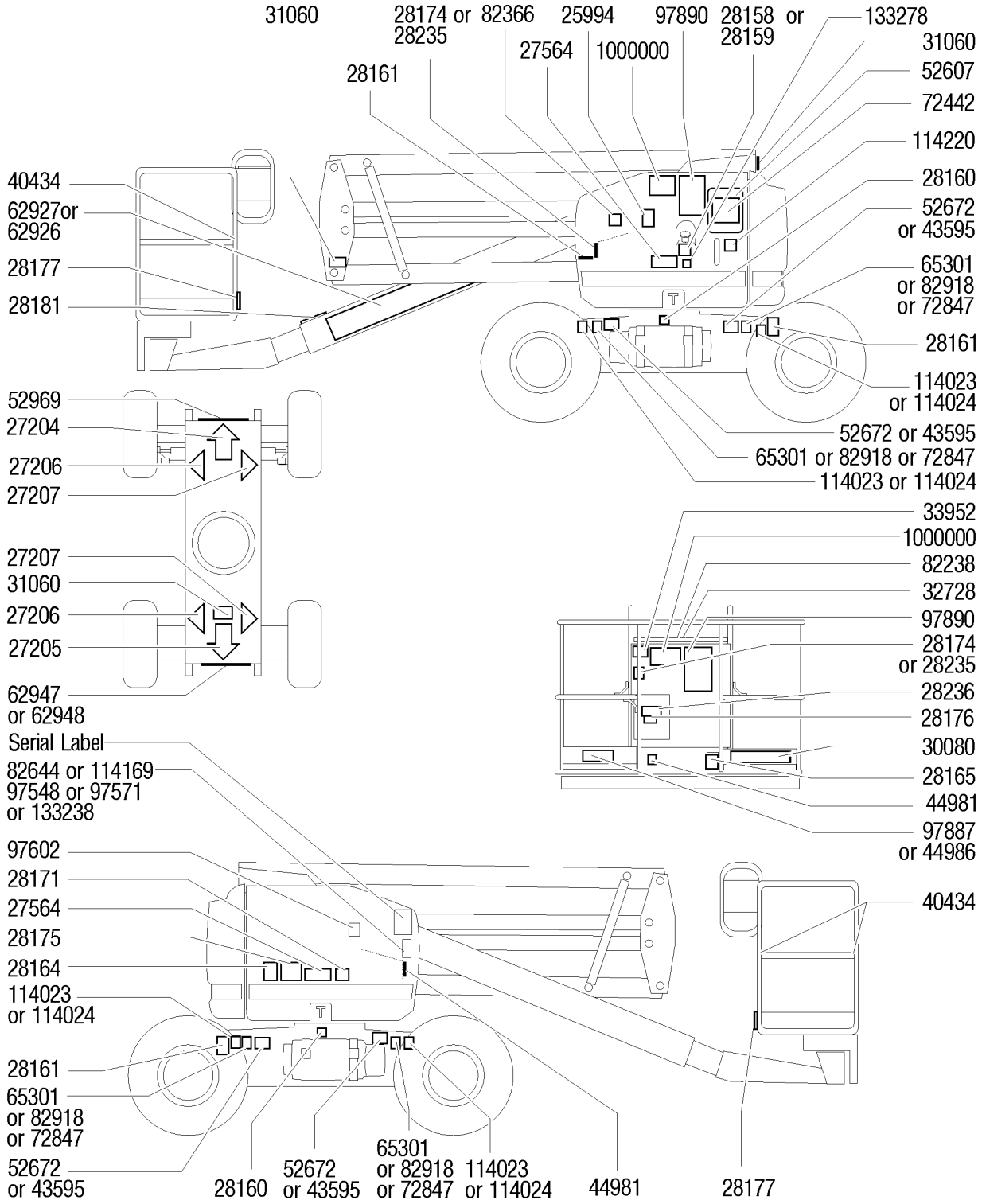
101.2 Decals with Words, Z-45/25J



101.2 Decals with Words, Z-45/25J

Item	Part No.	Description	Qty.
B	162315GT	DECAL KIT,Z45JIC COMP,WRD,ANSI from SN Z452507-33971 to Z452513A-47000 and from Z452507B-101 to Z452513B-3300 and from Z452513D-101	.
F	162348GT	DECAL KIT,Z45JIC COMP,WRD,AUST from SN Z452507-33971 to Z452511A-40559 and from Z452507B-101 to Z452511B-1725	.
G	110314GT	DECAL KIT,WORD,Z45IC (includes items 1-6, 10-13, 15-17, 20-22, 24, 25, 28, 41, 46-48, 52) to SN Z452507-33970	.
1	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
2	27204GT	DECAL,ARROW BLUE	1
3	27205GT	DECAL,ARROW YELLOW LRG 9"	1
4	27206GT	DECAL,TRIANGLE,BLUE	2
5	27207GT	DECAL,TRIANGLE,YELLOW	2
6	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
7	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
8	28159GT	DECAL,DIESEL	1
9	28160GT	DECAL,LABEL,LIQUID PROPANE	2
10	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
11	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
12	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
13	28171GT	DECAL,DANGER,NO SMOKING ***	1
14	28174GT	DECAL,POWER TO PLATFORM 230V	2
15	28175GT	DECAL,WARNING-COMPART ACCESS	1
16	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
17	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
18	28181GT	DECAL,WARN,FALL HAZARD	1
19	28235GT	DECAL,POWER TO PLATFORM 115V	2
20	28236GT	DECAL,WARN,IMPROPER OPERATION	1
21	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
22	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3
23	32728GT	DECAL,OPTION GENERATOR***	1
24	33952GT	DECAL,DANGER,TILT ALARM	1
25	40434GT	DECAL,LANYARD ANCHORAGE POINT	3

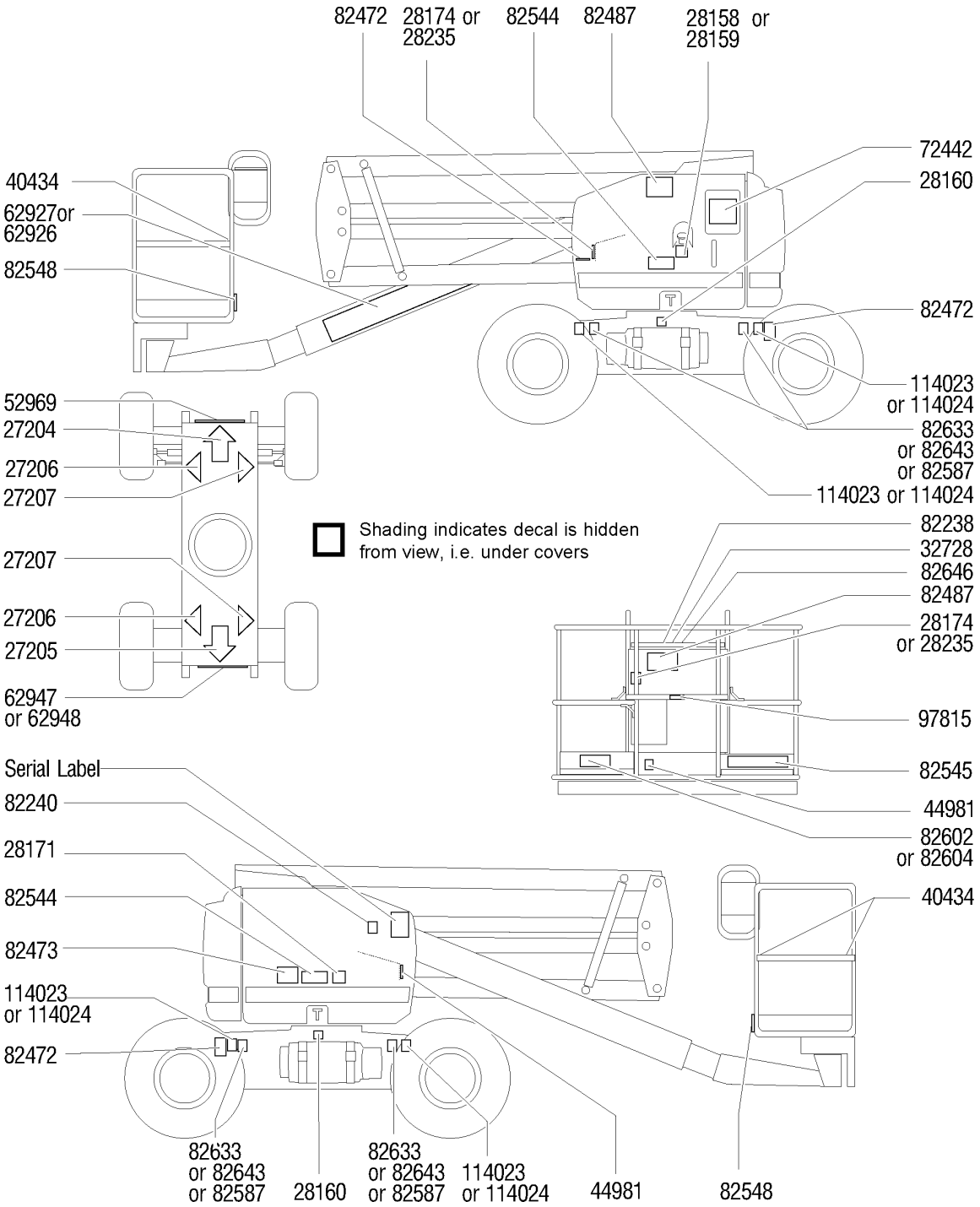
101.2 Decals with Words, Z-45/25J



101.2 Decals with Words, Z-45/25J

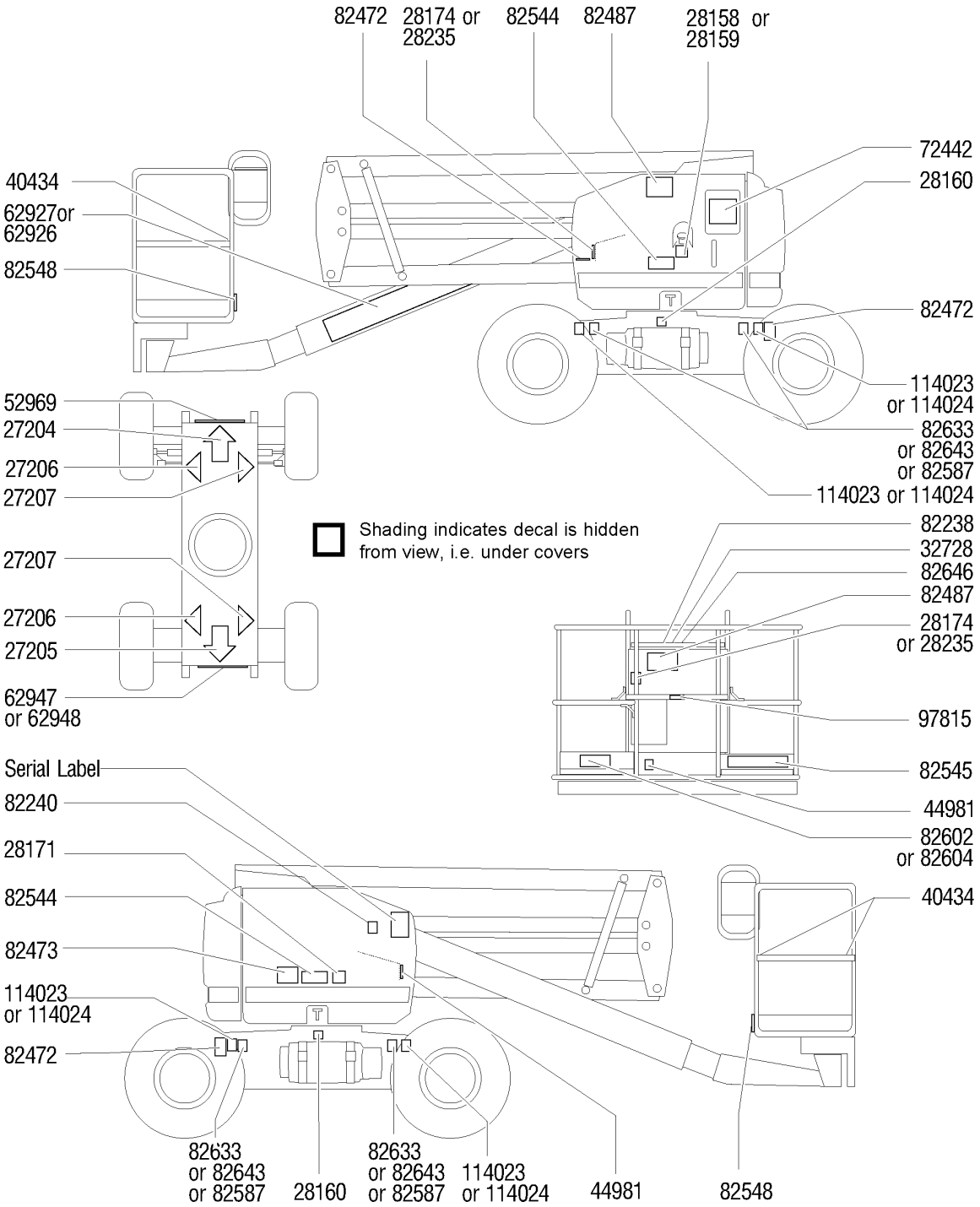
Item	Part No.	Description	Qty.
26	43595GT	DECAL,DANGER,TIP-OVER,TIRES***	4
27	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
28	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1
29	52607GT	DECAL,LABEL,TEST***	1
30	52672GT	DECAL,DANGER,TIPOVER HAZARD***	4
31	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
32	62926GT	DECAL,COSMETIC,GENIE Z-45/25J	1
34	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
36	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
37	65301GT	DECAL,NOTICE,FOAM-FILLED TIRES	4
38	72442GT	DECAL, GROUND CONTROL PANEL	1
39	133095GT	DECAL,NOTICE,HI FLOAT TIRES	4
40	82238GT	DECAL,PLATFORM CONTROL PANEL	1
41	82366GT	DECAL,CHEVRON RANDO HD	1
42	82644GT	DECAL, ENGINE SPEC, PERKINS	1
43	82918GT	DECAL,NOTICE, TIRE SPECS	4
44	97548GT	DECAL,ENGINE SPEC,DEUTZ 2011	1
45	97571GT	DECAL,NOTICE,FORD ENG SPECS T2 to SN 30141	1
46	97602GT	DECAL,EXPLOSION HAZARD	1
47	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
48	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
50	114024GT	DECAL,LABEL,WHEEL LOAD Z4525J	4
51	114220GT	DECAL,LABEL,RELAYS,Z45IC,Z51	1
52	1000000GT	DECAL,NOTICE,OPER INST.IXC	2
53	114169GT	DECAL,FORD ENGINE SPEC DSG423 from SN 30142	1
55	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL	1

102.1 Decals with Symbols, Z-45/25



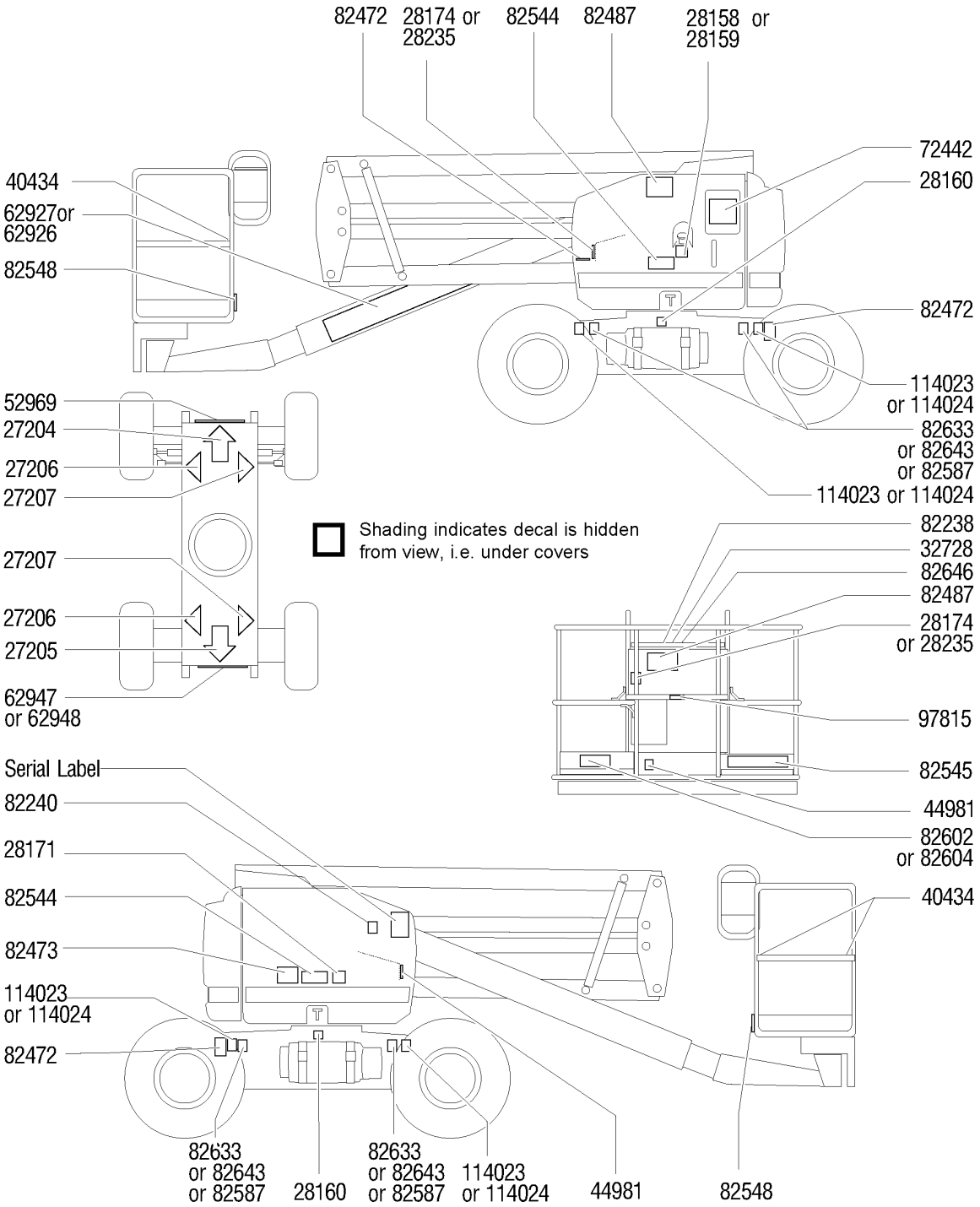
Item	Part No.	Description	Qty.
A	823153GT	DECAL KIT,Z45 PLAT,SYM,ANSI	
B	162442GT	DECAL KIT,Z51JIC COMP,WRD,AUST from SN Z452507-33971 and from Z452507B-101	
D	823161GT	DECAL KIT,Z45 PLAT,SYM,CE	
E	162255GT	DECAL KIT,Z45IC COMP,SYM,CE from SN Z452507-33971 and from Z452507B-101	
	110315GT	DECAL KIT,SYMBOL,Z45IC (includes items 1-4, 8, 12, 22-27, 29 and 30) to SN 33970	
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	28171GT	DECAL,DANGER,NO SMOKING ***	2
9	28174GT	DECAL,POWER TO PLATFORM 230V	2
10	28235GT	DECAL,POWER TO PLATFORM 115V	2
11	32728GT	DECAL,OPTION GENERATOR***	1
12	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
13	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
14	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
16	62927GT	DECAL,COSMETIC,GENIE Z-45/25	1
17	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
18	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
19	72442GT	DECAL, GROUND CONTROL PANEL	1
20	82238GT	DECAL,PLATFORM CONTROL PANEL	1
21	82240GT	DECAL,LABEL,105 DB	1
22	82472GT	DECAL,WARNING,CRUSHING HAZARD	3
23	82473GT	DECAL,SYMBOL-COMP ACCESS	1
24	82487GT	DECAL,SYMBOL-READ THE MANUAL	2

102.1 Decals with Symbols, Z-45/25



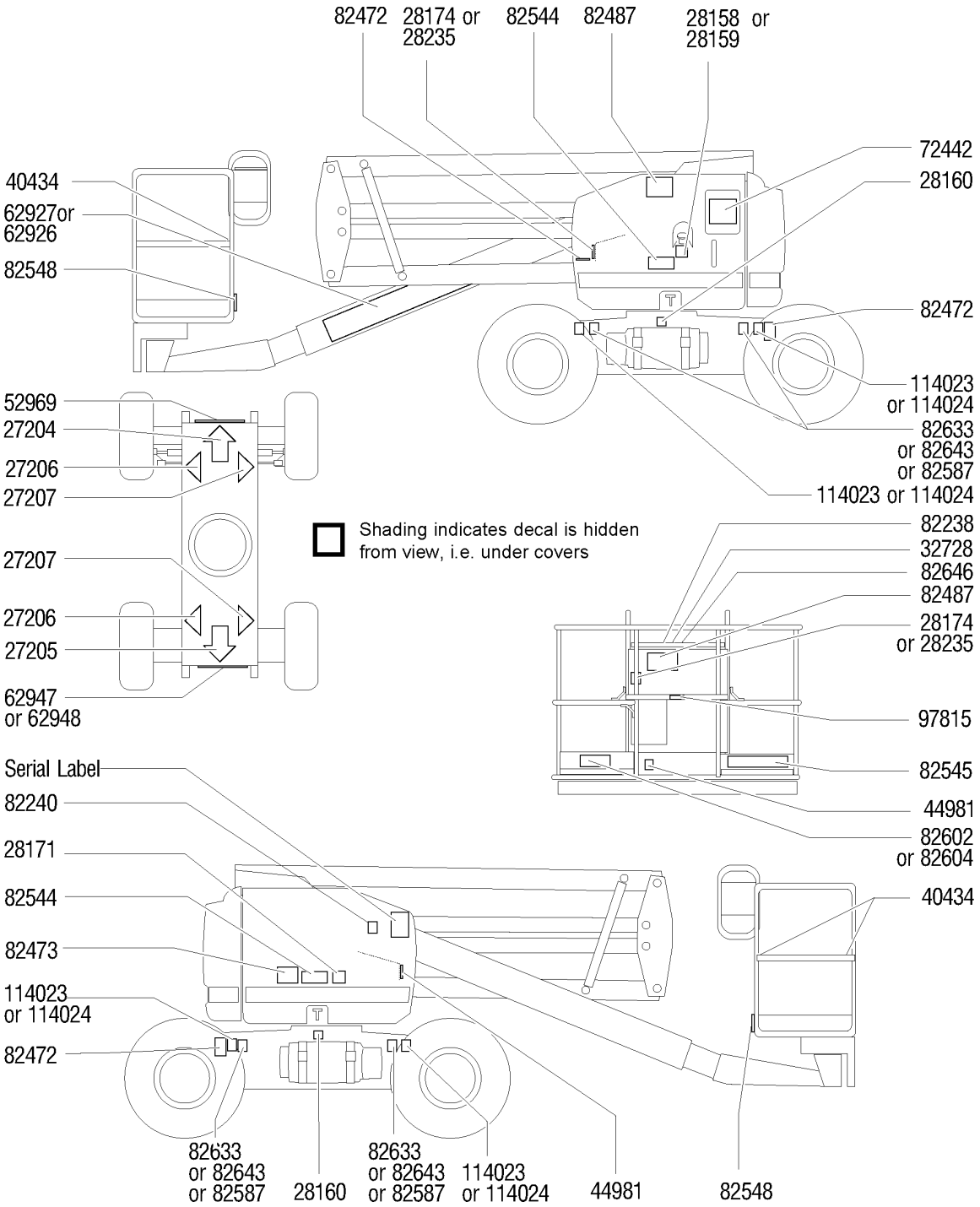
Item	Part No.	Description	Qty.
25	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	3
26	82545GT	DECAL,DANGER,MAX LOAD 227 KG**	1
27	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
28	82587GT	DECAL,HIFLOT TIRE PRESS,S40/45	4
29	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
30	82604GT	DECAL,DANGER,SIDE FRC 400N	1
31	82633GT	DECAL,LABEL,TIRE PRESS Z45RT	4
32		DECAL,LABEL,TIRE PRESS Z45IND	4
33	82646GT	DECAL,DRIVE ENABLE PATCH (never used in production)	1
34	97815GT	DECAL,LABEL,LOWER MIDRAIL CE models	1
35	114023GT	DECAL,LABEL,WHEEL LOAD Z4525	4

102.2 Decals with Symbols, Z-45/25J



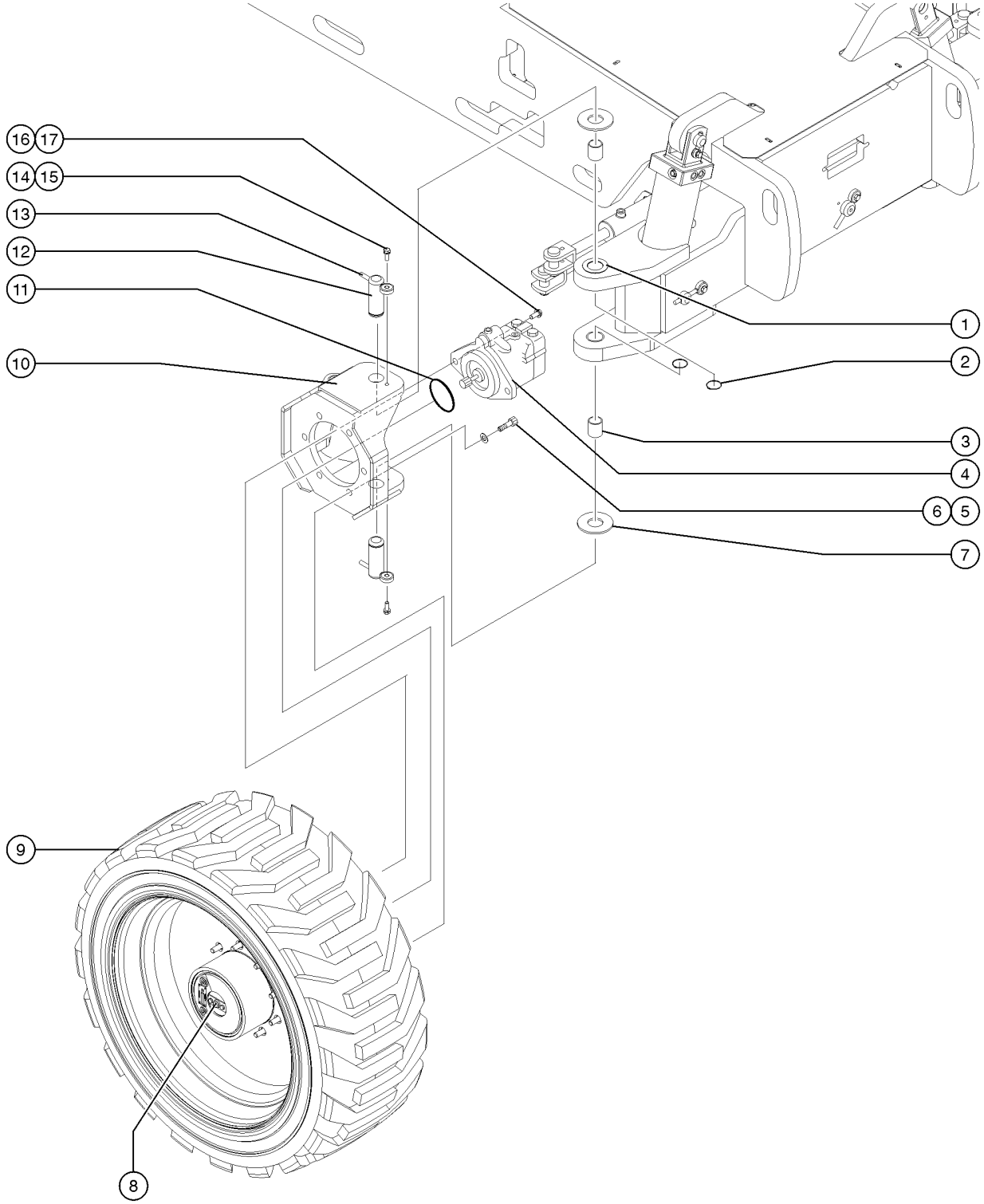
Item	Part No.	Description	Qty.
C	162319GT	DECAL KIT,Z45JIC COMP,SYM,ANSI from SN Z452507-33971 and from Z452507B-101	
F	162321GT	DECAL KIT,Z45JIC COMP,SYM,CE from SN Z452507-33971 and from Z452507B-101	
	110315GT	DECAL KIT,SYMBOL,Z45IC (includes items 1-4, 8, 12, 22-27, 29 and 30) to SN 33970	
1	27204GT	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	28171GT	DECAL,DANGER,NO SMOKING ***	2
9	28174GT	DECAL,POWER TO PLATFORM 230V	2
10	28235GT	DECAL,POWER TO PLATFORM 115V	2
11	32728GT	DECAL,OPTION GENERATOR***	1
12	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
13	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
14	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
15	62926GT	DECAL,COSMETIC,GENIE Z-45/25J	1
17	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
18	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
19	72442GT	DECAL, GROUND CONTROL PANEL	1
20	82238GT	DECAL,PLATFORM CONTROL PANEL	1
21	82240GT	DECAL,LABEL,105 DB	1
22	82472GT	DECAL,WARNING,CRUSHING HAZARD	3
23	82473GT	DECAL,SYMBOL-COMP ACCESS	1
24	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
25	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	3
26	82545GT	DECAL,DANGER,MAX LOAD 227 KG**	1

102.2 Decals with Symbols, Z-45/25J



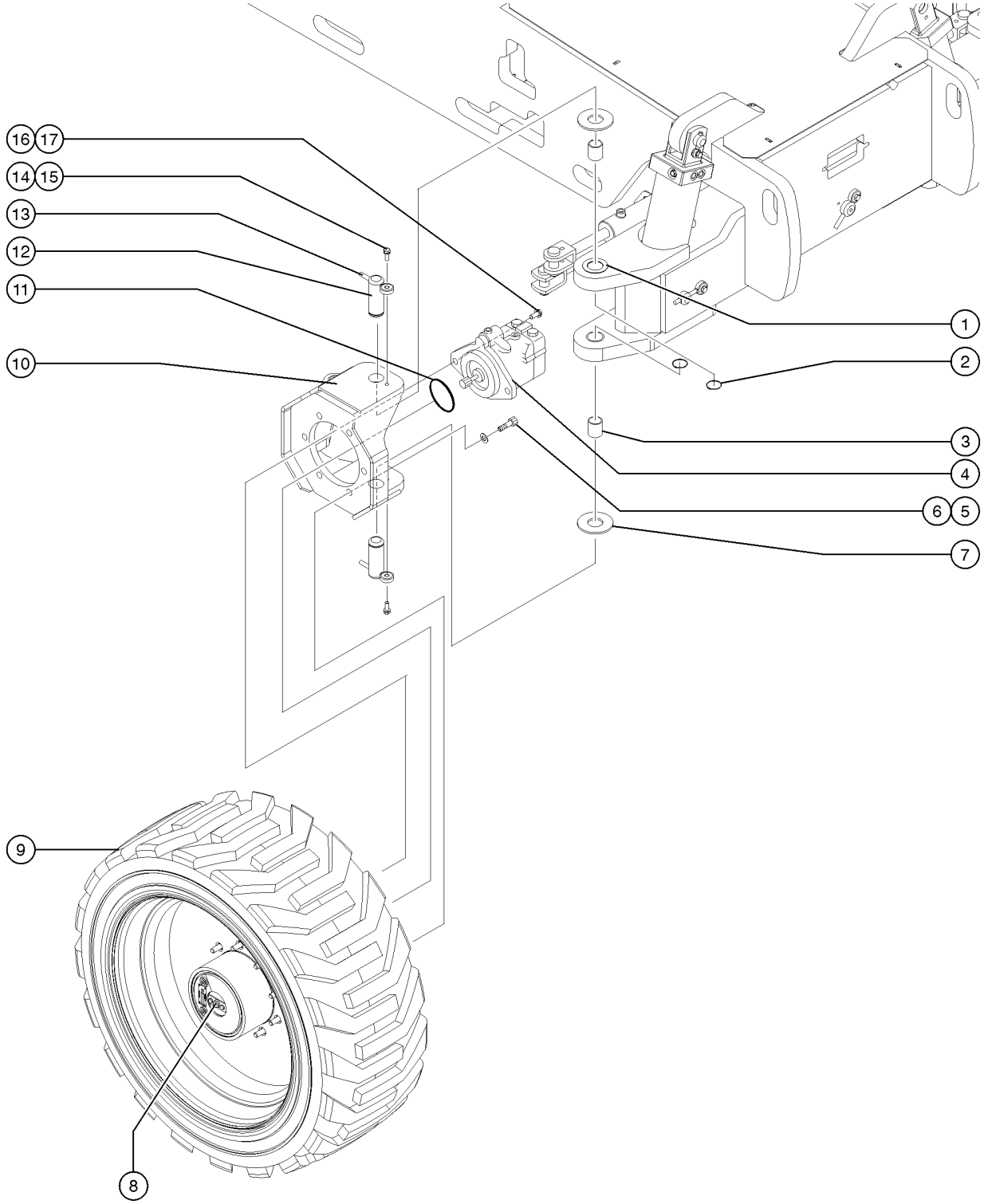
Item	Part No.	Description	Qty.
27	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
28	82587GT	DECAL,HIFLOT TIRE PRESS,S40/45	4
29	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
30	82604GT	DECAL,DANGER,SIDE FRC 400N	1
31	82633GT	DECAL,LABEL,TIRE PRESS Z45RT	4
32		DECAL,LABEL,TIRE PRESS Z45IND (never used in production)	4
33	82646GT	DECAL,DRIVE ENABLE PATCH	1
34	97815GT	DECAL,LABEL,LOWER MIDRAIL CE models	1
36	114024GT	DECAL,LABEL,WHEEL LOAD Z4525J	4

201.1 Steer-End Wheels and Hubs, 4WD Models



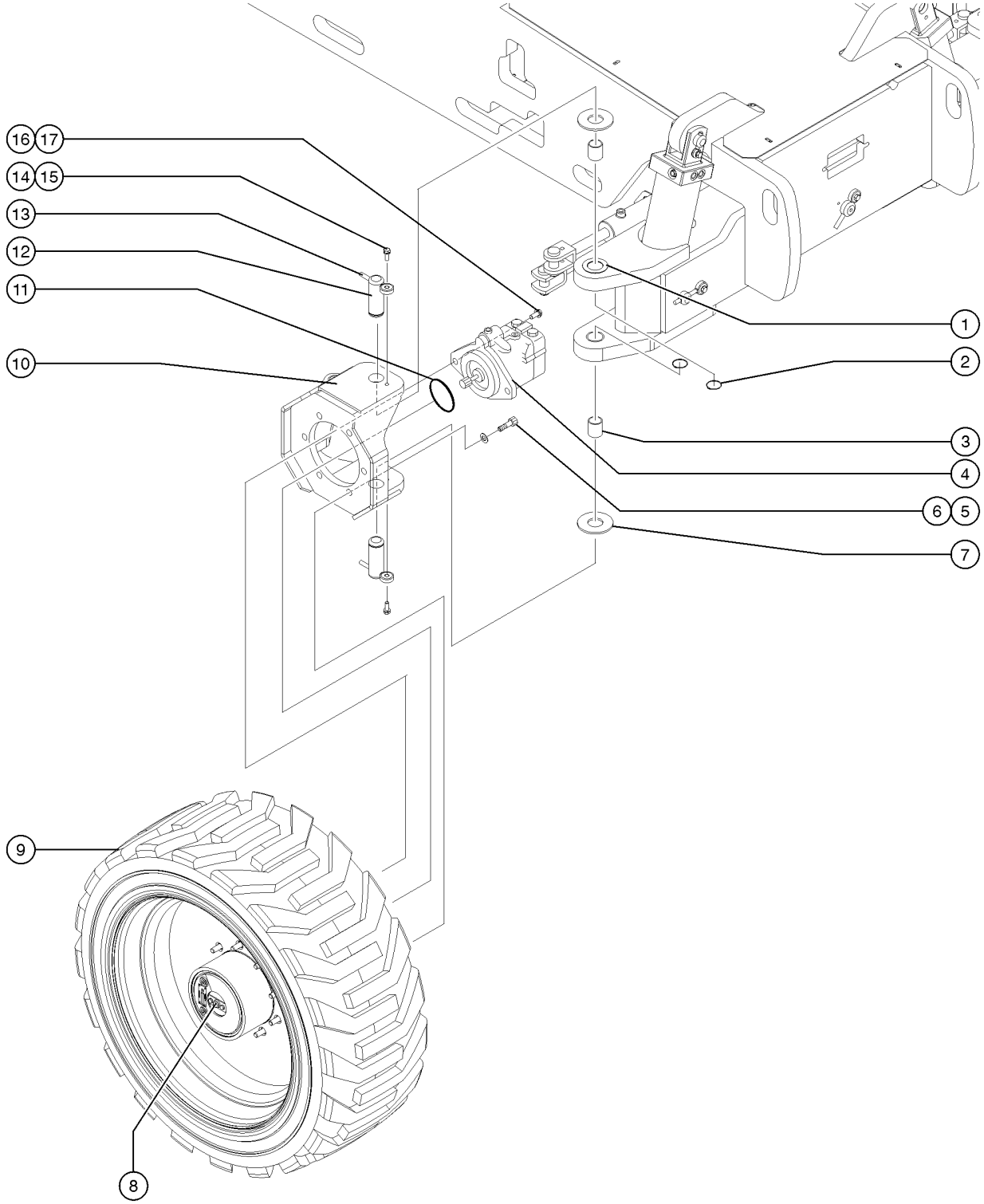
Item	Part No.	Description	Qty.
1	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
2	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	
3	45071GT	BEARING,1.5IDX1.75ODX1.5L	
4	33432GT	MOTOR,HYD,25CC FIXED***	2
4-	32675GT	SEAL KIT,SUNSTRAND	
5	19418GT	SCREW,SHC,5/8-11 X 1.75	6
6	13064GT	WASHER,FLAT,.625 HARDENED	6
7	45074GT	WASHER,THRUST,1.5 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-	74099GT	DISCONNECT ROD (56338) 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.	2
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



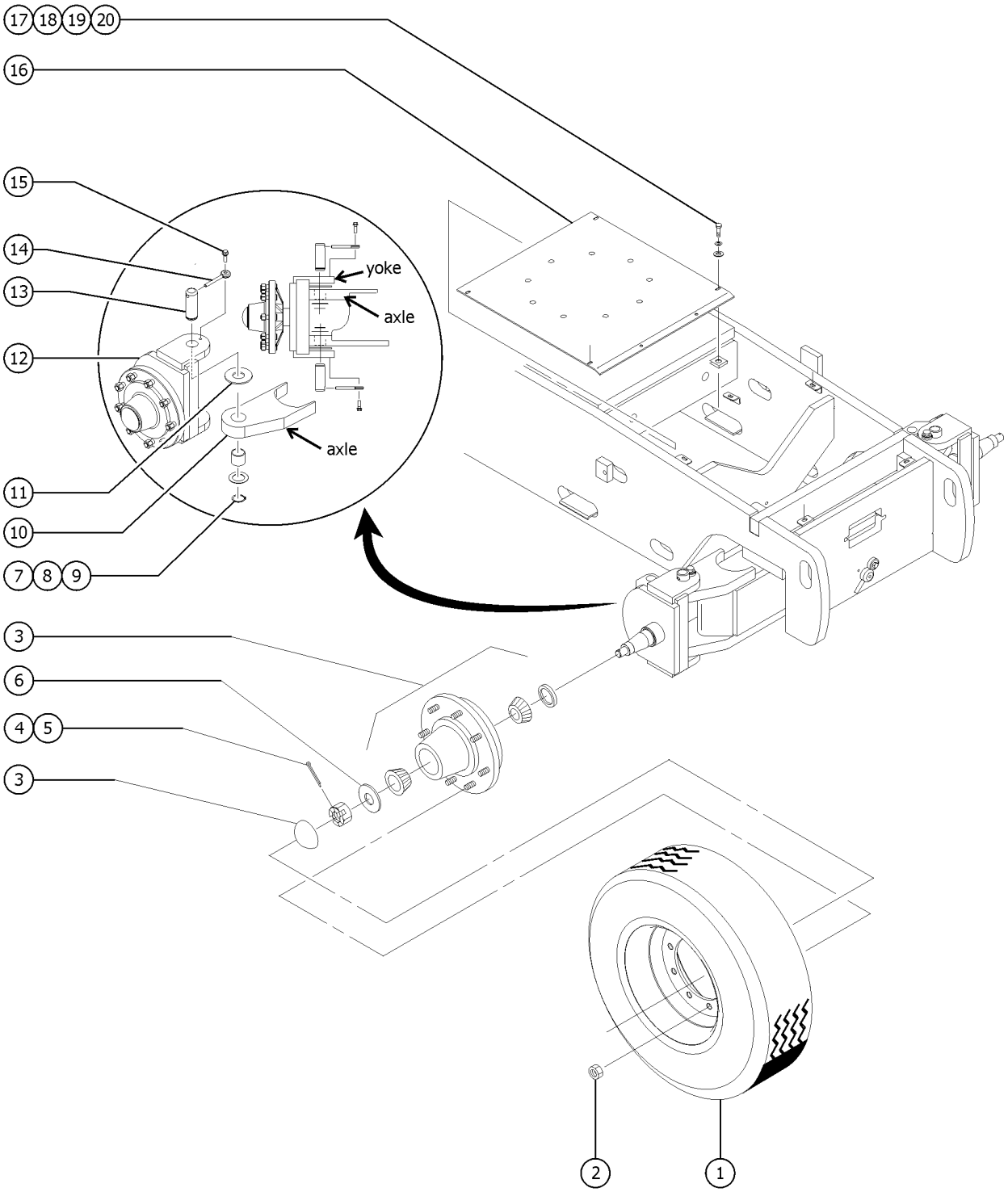
Item	Part No.	Description	Qty.
8B-	229834GT	SEAL KIT, OMNI for 229763	
8B-	58531GT	ORING,568-908 N552-90 NBR,10PK for 229763	
8B-	147034GT	PIPE PLUG KIT,OMNI*** for 229763	
9	94656GT	WHEEL & TIRE ASSY,RR/LF,AIR	2
9-	94657GT	WHEEL & TIRE ASSY,LR/RF,AIR	
9-	94662GT	WHEEL & TIRE ASSY,RR/LF,FF	
9-	94663GT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

201.1 Steer-End Wheels and Hubs, 4WD Models



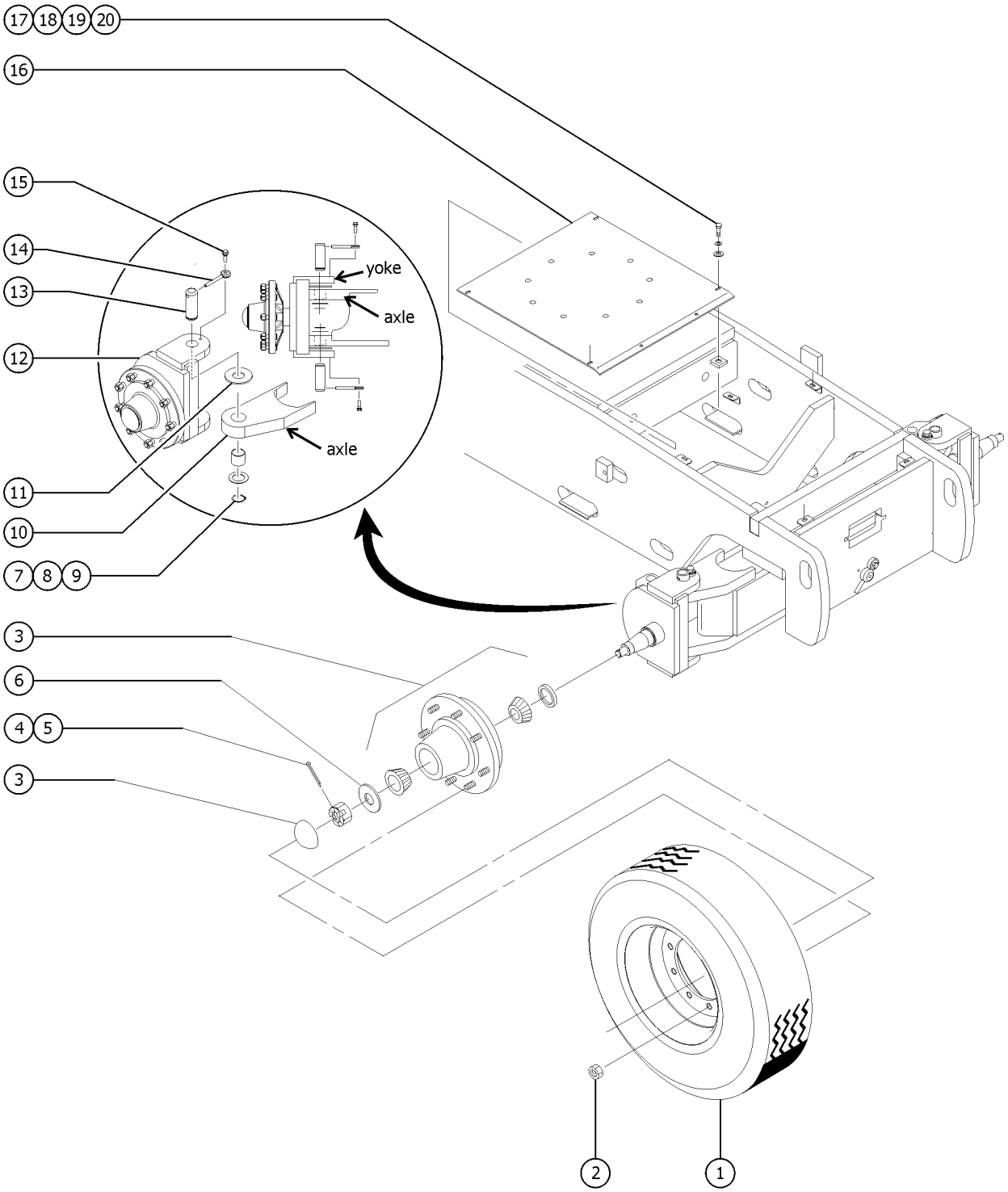
Item	*Part No.*	*Description*	*Qty.*
17	6033GT	WASHER,LOCK,0.5"	

202.1 Steer-End Wheels and Hubs, 2WD Models



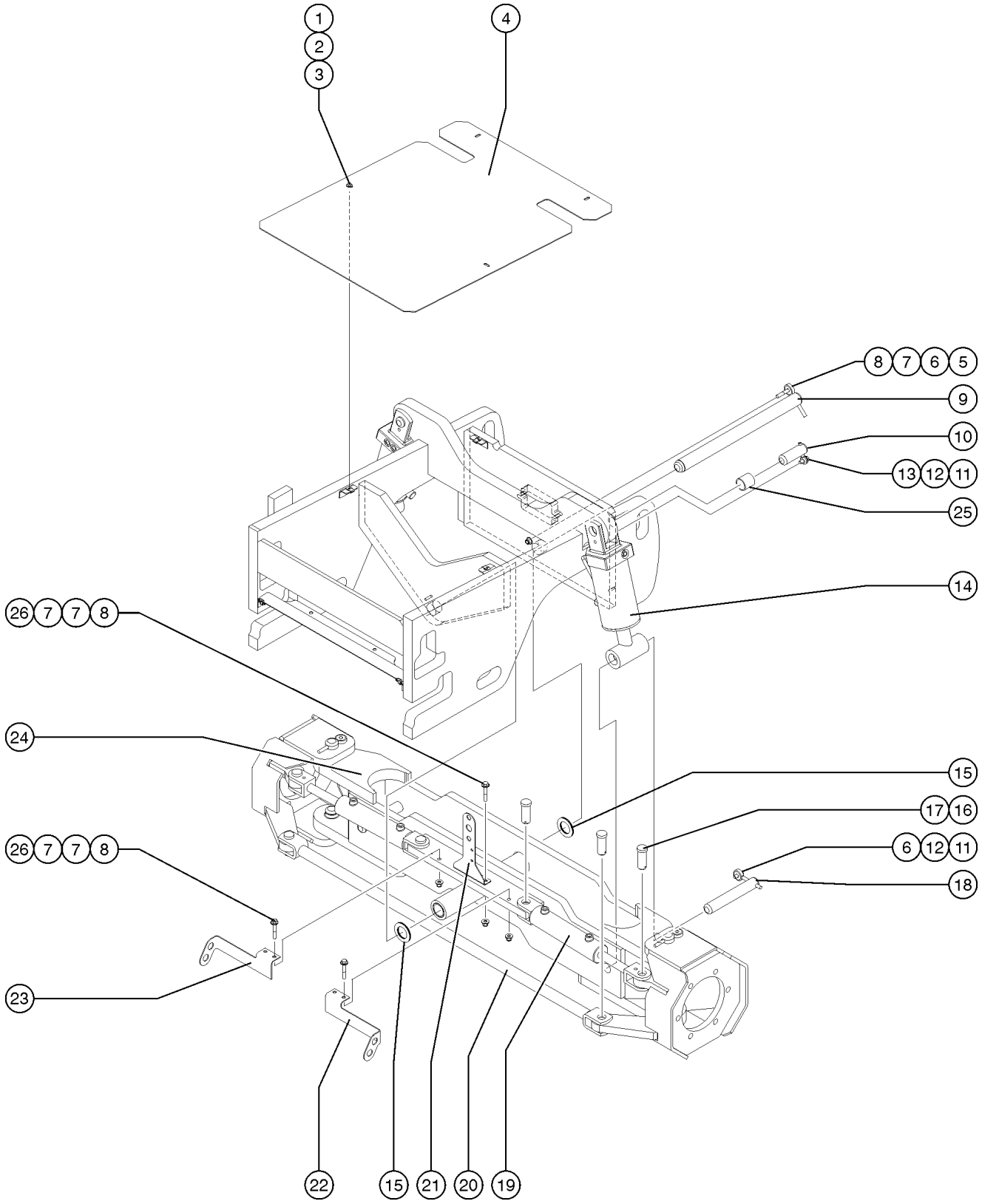
Item	Part No.	Description	Qty.
1	1267779GT	TIRE/WH ASSY,9 LG,FOAM,S FRONT Narrow models (steer end)	2
1-	1267781GT	TIRE/WH ASSY,9 LG,NM,FOAM,S FR Narrow models (steer end)	
1-	94658GT	WHEEL & TIRE ASSY,2WD,LF,AIR	1
1-	94659GT	WHEEL & TIRE ASSY,2WD.RF.AOR	
1-	94664GT	WHEEL & TIRE ASSY,2WD,LF,FF	
1-	94665GT	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



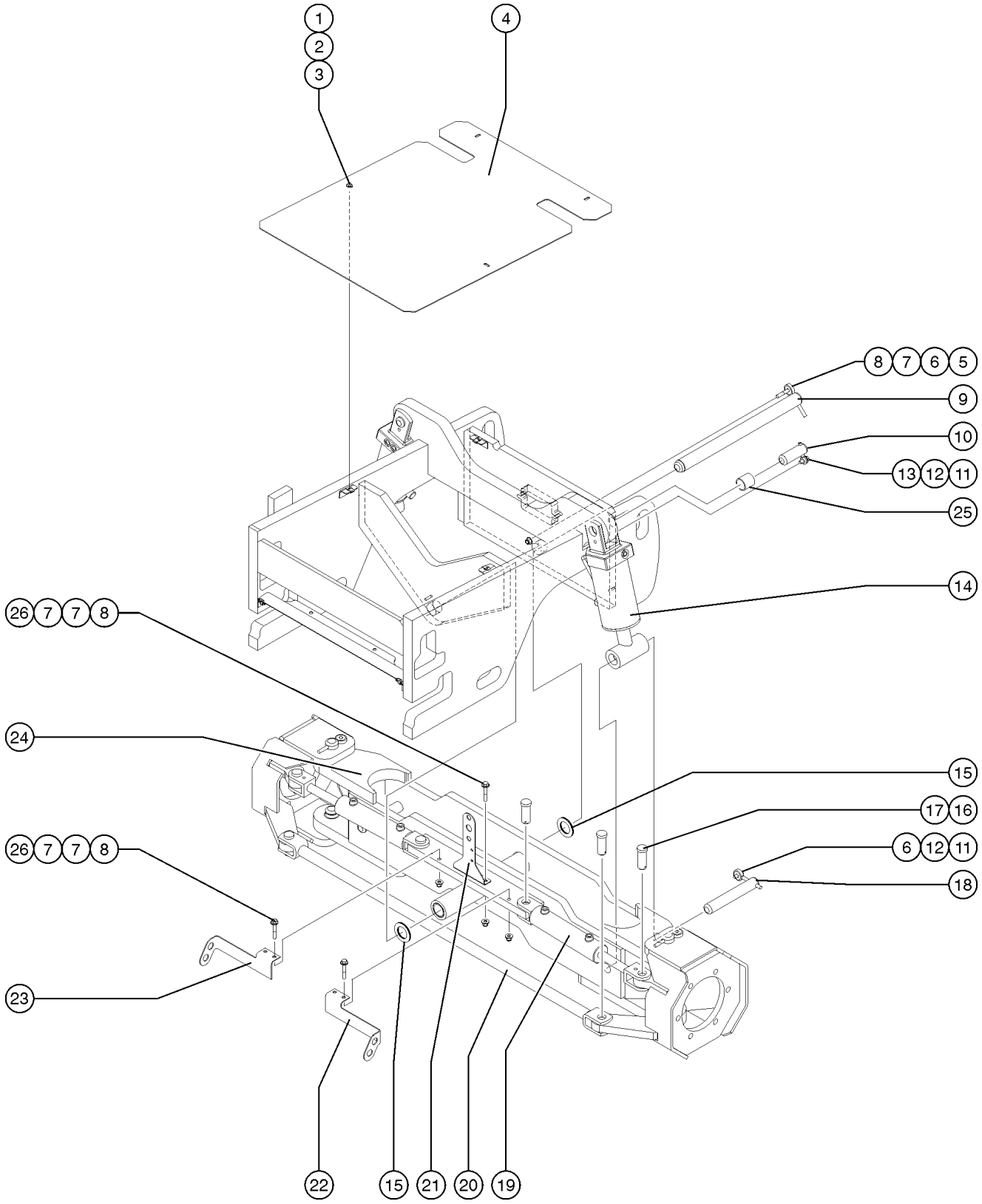
Item	Part No.	Description	Qty.
3A-	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	
3A-	45111GT	CAP,DUST,45873 HUB KIT	
3A-	45107GT	INNER CONE - MODEL 60-8 large bearing race not included	
3A-	45108GT	OUTER CONE - MODEL 60-8 small bearing race not included	
3A-	45110GT	SEAL-GREASE,MODEL 60-8	
3A-	45873GT	SEAL/BEARING 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



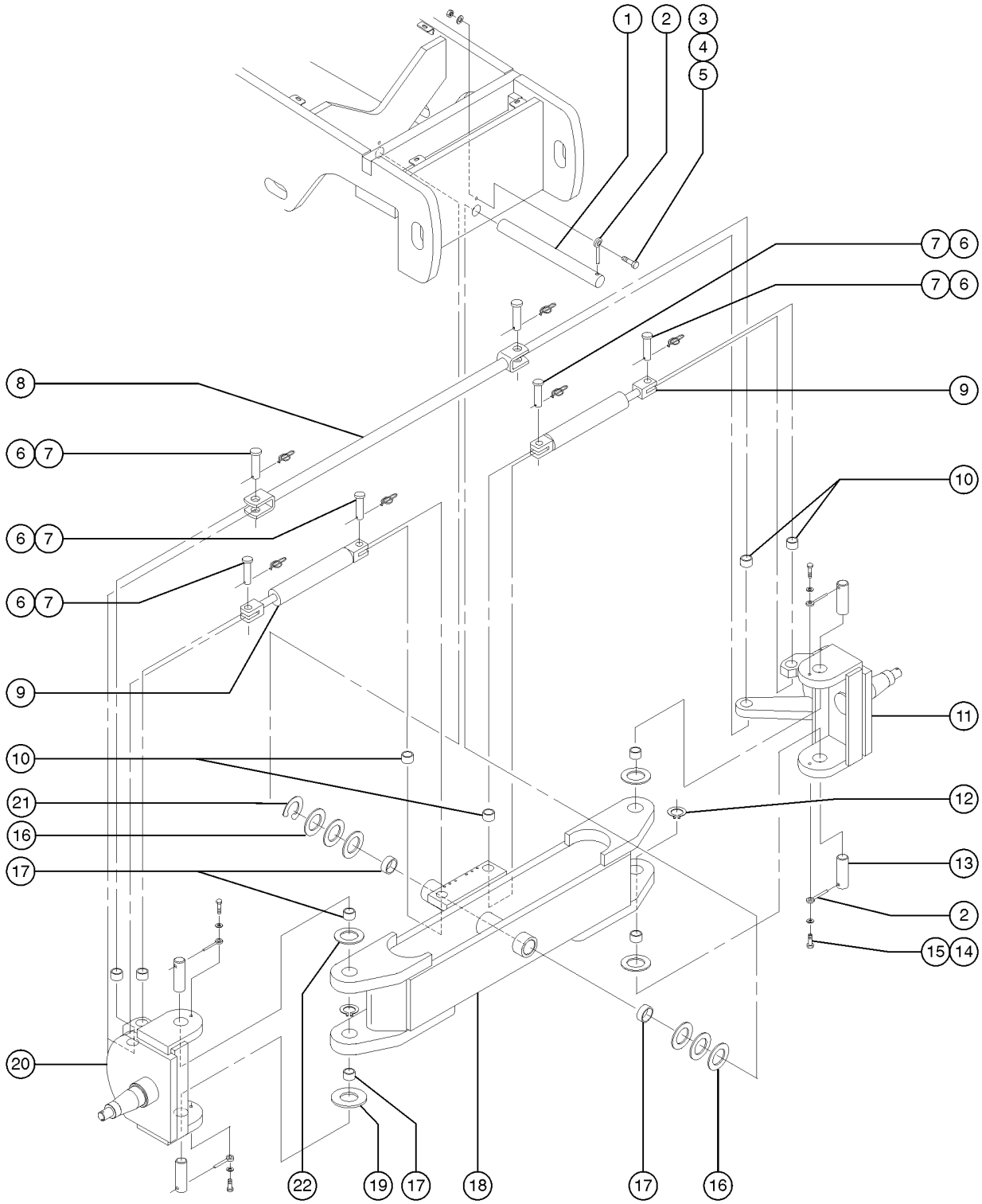
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	52731GT	COVER W/DECALS,STEER,OSC,Z45	1
5	6708GT	SCREW,HHC,3/8-16 X 2.25	
6	825019GT	ROD END, .375X3.69, ZAG	3
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8	4828GT	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	18596GT	WASHER,FLAT,1.56 X 2.5 X .061 to SN 31771 (not used after SN 31771)	
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	110140GT	FRONT AXLE ASSY,WIDE,Z51/30 IC to SN 31771	1

203.1 Steer Axle Linkage



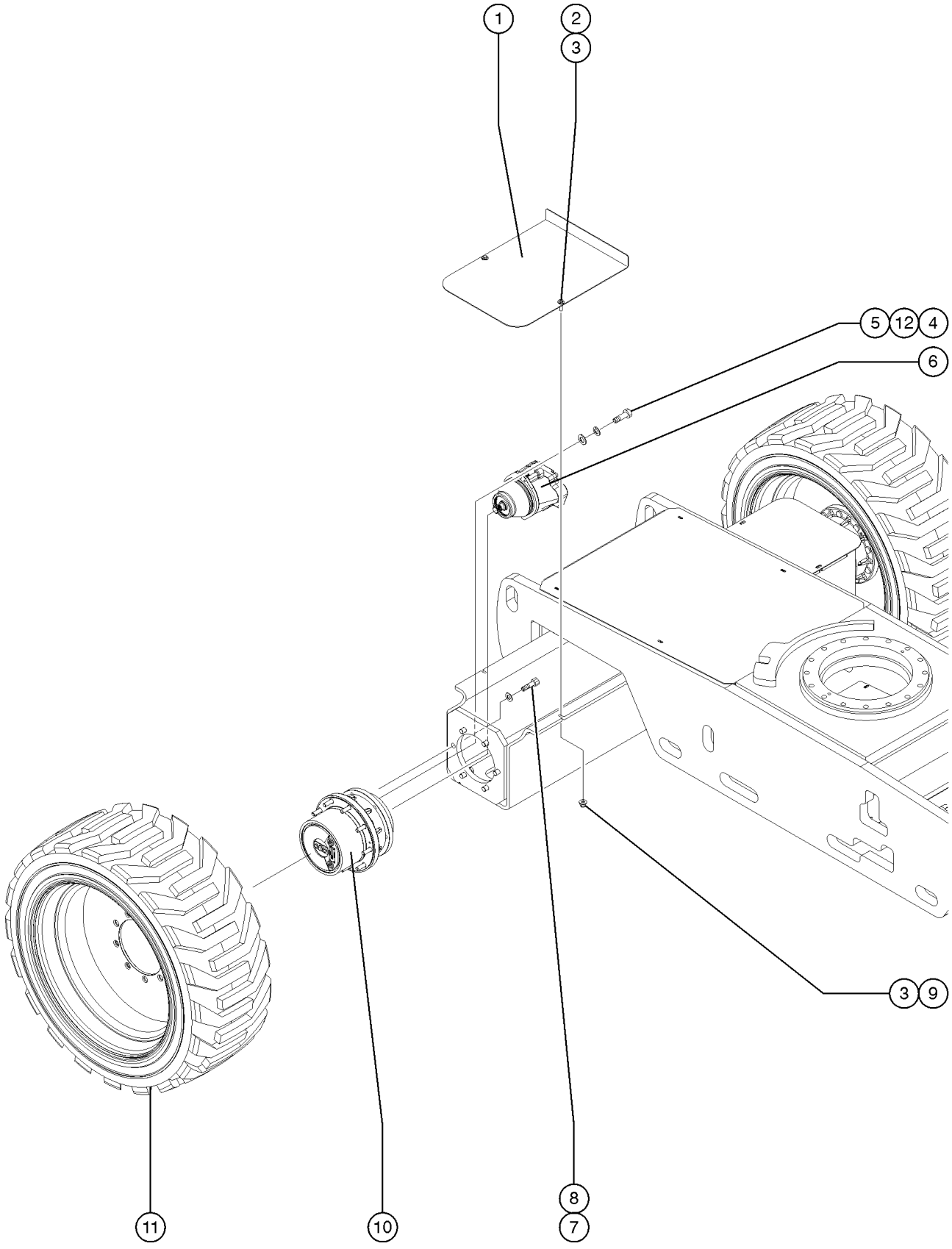
Item	*Part No.*	*Description*	*Qty.*
24-	119979GT	AXLE ASSY,FRONT,WIDE Z45/Z51 ..... from SN 31772	
24-	45071GT	BEARING,1.5IDX1.75ODX1.5L	
24-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
25	50560GT	BEARING,1.25IDX1.50ODX1.50L	2
26	5224GT	SCREW,HHC,3/8-16 X 2	

204.1 Steer Axle, Narrow Models



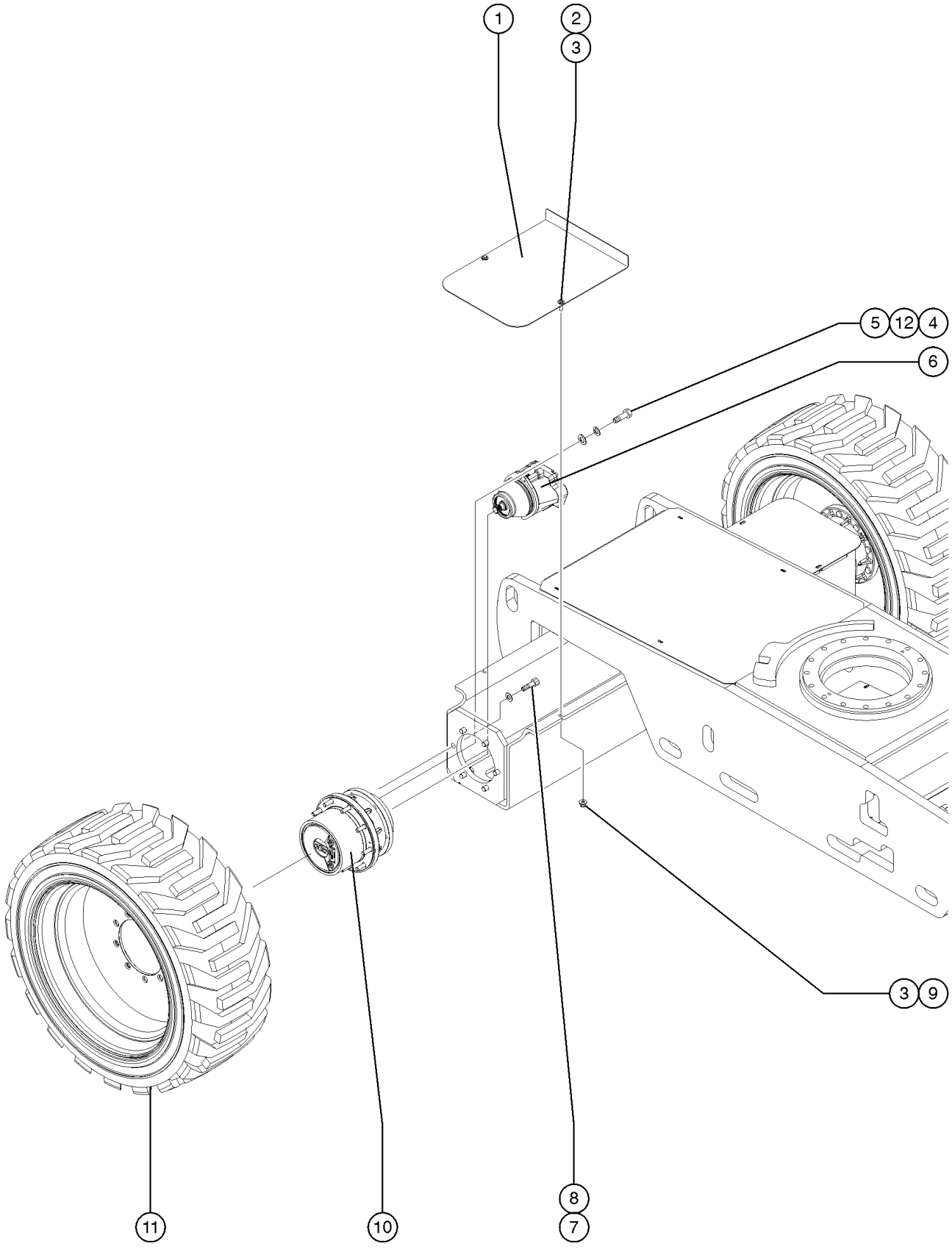
Item	Part No.	Description	Qty.
1	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	1
2	825019GT	ROD END, .375X3.69, ZAG	
3	6708GT	SCREW,HHC,3/8-16 X 2.25	
4	5397GT	WASHER, FLAT, USS, 5/16-18	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	19440GT	PIN,CLEVIS,1 X 2.5 LG	6
7	74389GT	RUE RING 1.00	6
8	229798GT	TIE ROD WELDMENT, NARROW	1
9	88337GT	CYLINDER,STEER	2
9-	88338GT	SEAL KIT, 88337	
10	25817GT	BEARING,1.00IDX1.25ODX1.00L	4
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 to SN 31771	
17	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
18	52735GT	FRONT AXLE ASSY,NRRW,Z45/25 includes items 10 and 17; to SN 31771	1
18-	119981GT	AXLE ASSY,FRONT,NARROW Z45/Z51 includes items 10 and 17; from SN 31772	
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
21	54557GT	SHIM,AXLE PIN,1.50" to SN 31771	
22	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	2

205.1 Non-steer End Wheels and Hubs



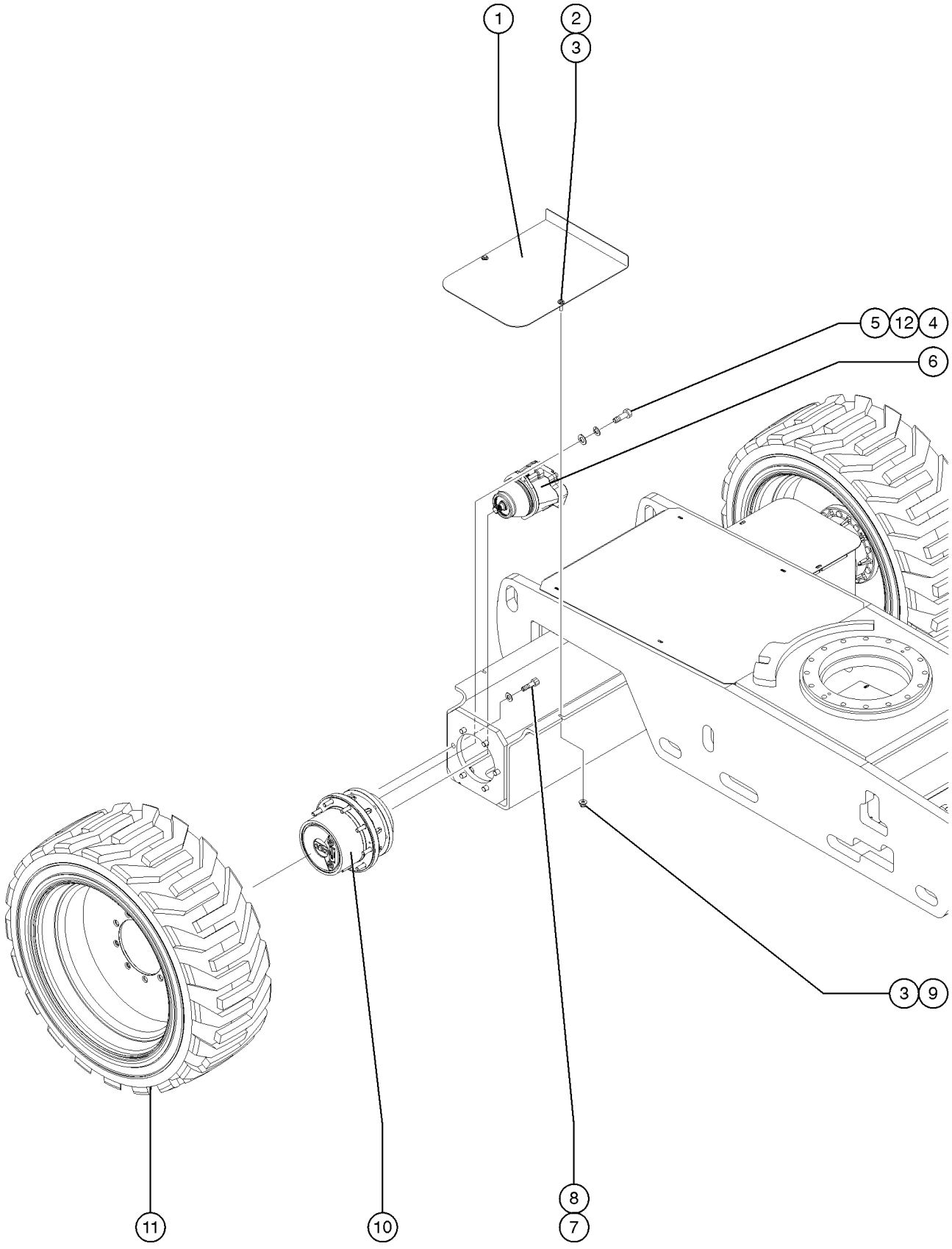
Item	Part No.	Description	Qty.
1	110150GT	COVER,REAR AXLE,WIDE	2
2	6888GT	SCREW, HHC, 1/4-20 X 1	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	88296GT	SCREW,HHC,7/16-14 X 1.25	
5	6097GT	WASHER, FLAT, USS, 3/8", Y	
6	106151GT	MOTOR,PISTON,LC30,1 DEG,13T 4WD Models	1
6B	101587GT	MOTOR,PISTON,LC30,10 DEG,13T 2WD models	1
6B-	106098GT	SEAL KIT,MOTOR,LC/KC*** 2WD models	
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 106148 (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 106148	
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



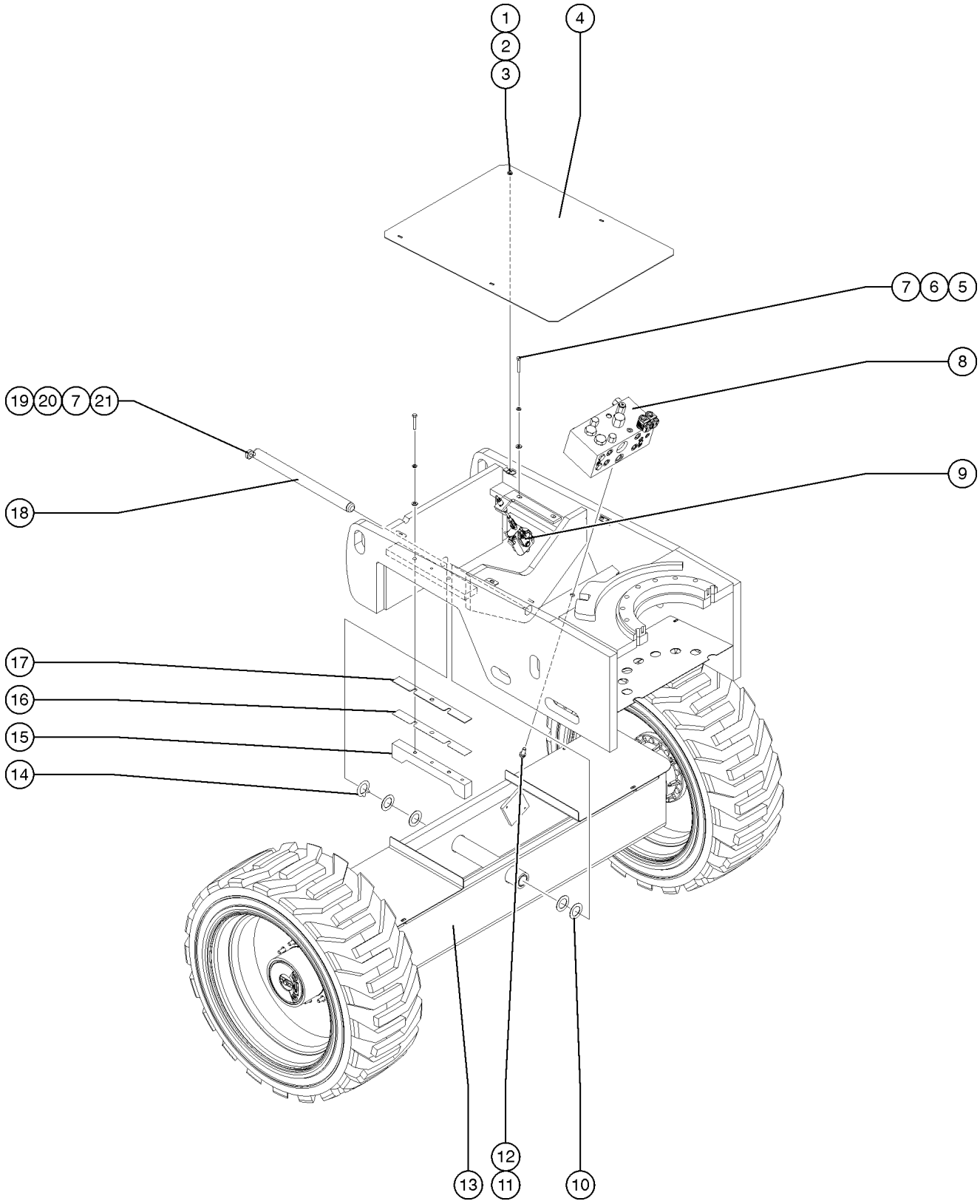
Item	Part No.	Description	Qty.
10B	139330GT	WHEEL DRIVE W/ BRAKE,57:1*** Type: OMNI. Visually identify which hub before ordering parts. ID tag is on end cover cap. Hubs are not interchangeable, internal components are different for each type. All four hubs must be the same to avoid damage.	
10B-	139965GT	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	1
11-	94657GT	WHEEL & TIRE ASSY,LR/RF,AIR	
11-	94662GT	WHEEL & TIRE ASSY,RR/LF,FF	
11-	94663GT	WHEEL & TIRE ASSY,LR/RF,FF	
11-	94666GT	WHEEL & TIRE ASSY,RR/LF,AIR,NM	
11-	94667GT	WHEEL & TIRE ASSY,LR/RF,AIR,NM	
11-	94670GT	WHEEL & TIRE ASSY,RR/LF,FF,NM	
11-	94671GT	WHEEL & TIRE ASSY,LR/RF,FF,NM	
11-	110712GT	TIRE/WHEEL ASSY,RH W/SEALANT,RT	
11-	110713GT	TIRE/WHEEL ASSY,LH W/SEALANT,RT	
11-	110718GT	TIRE/WHEEL ASSY,RT NM W/SEALAN	
11-	110719GT	TIRE/WHEEL ASSY,RT NM W/SEALAN	
11A	94660GT	WHEEL 24.5X11.75-9 HOLE	
11A-	88728GT	TIRE,355/55D625	
11A-	94536GT	TIRE,355/55D625,14 PLY,NM	

205.1 Non-steer End Wheels and Hubs



Item	*Part No.*	*Description*	*Qty.*
12	20912GT	WASHER,LOCK,.437,PLTD	

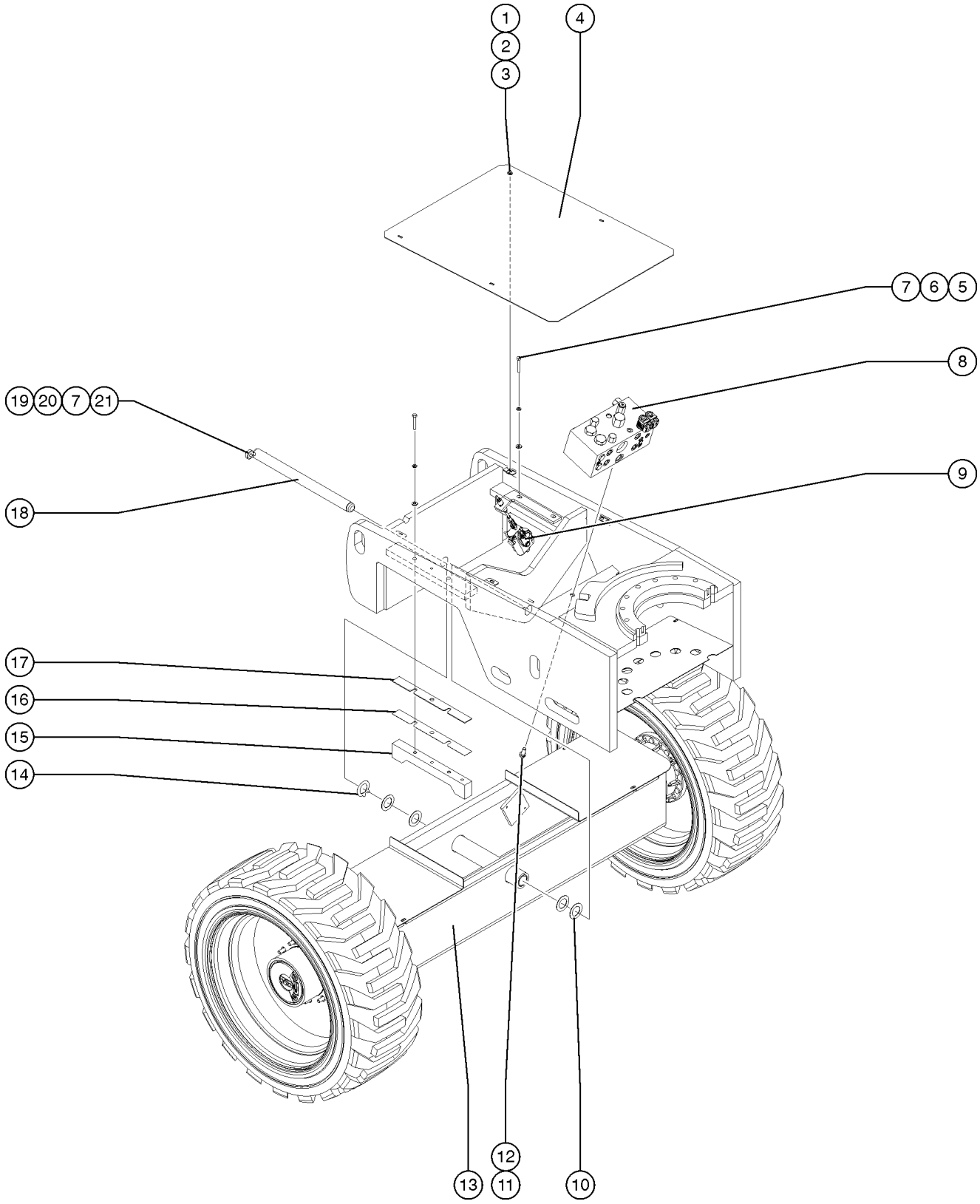
206.1 Non-steer Axle



206.1 Non-steer Axle

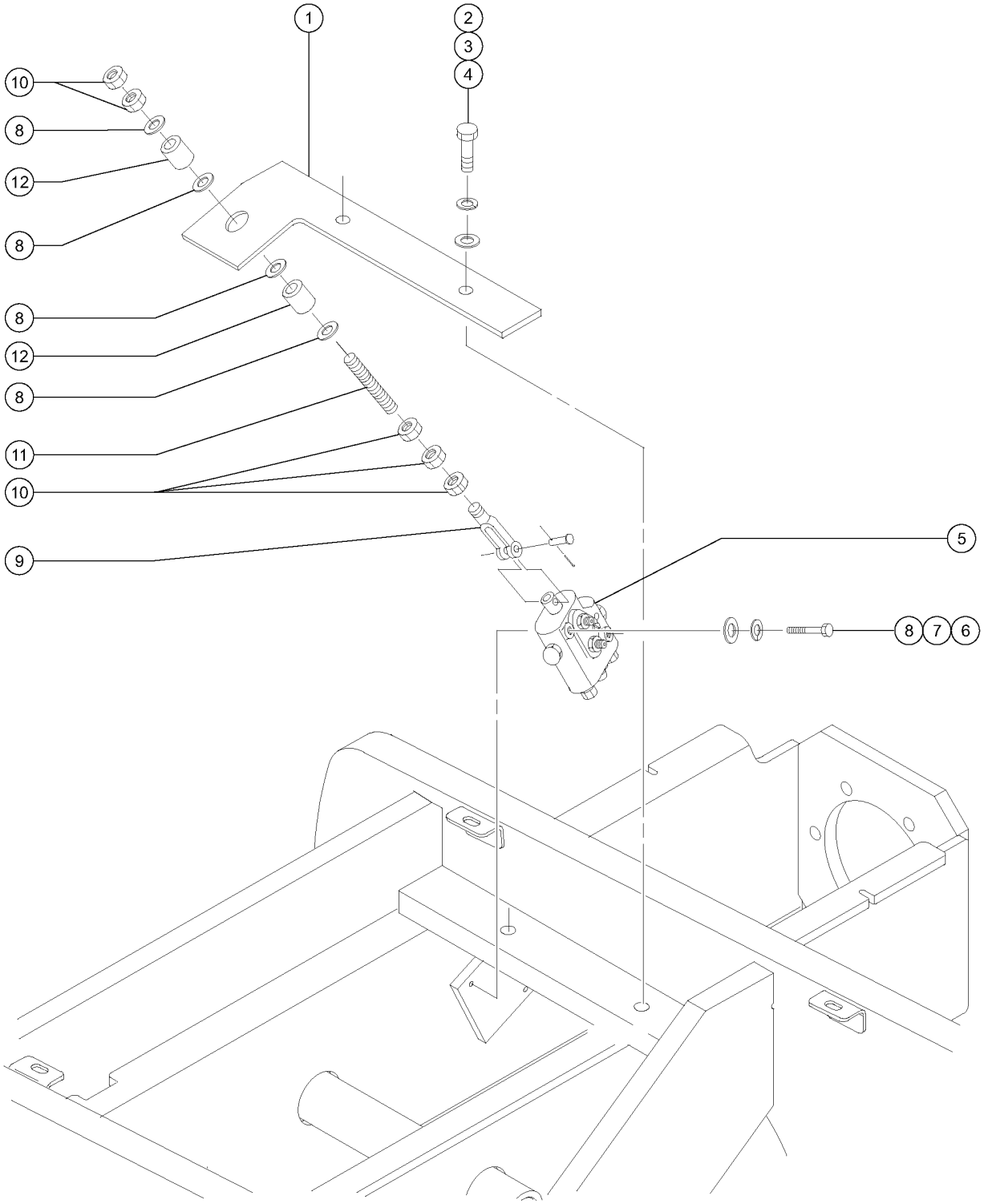
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	52707-SGT	COVR W/DECALS,NON-STEER Z45/25	1
5	14033GT	SCREW, HHC, 3/8-16 X 2.75 Oscillate models	
5-	6708GT	SCREW,HHC,3/8-16 X 2.25 Non-oscillate models	
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)	
10	18596GT	WASHER,FLAT,1.56 X 2.5 X .061 to SN 31771	
11	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
12	6033GT	WASHER,LOCK,0.5"	
13	110139GT	REAR AXLE,ASSY Z51,W/BEARINGS to SN 31771	1
13-	119978GT	AXLE ASSY,REAR,WIDE Z45/Z51 from SN 31772	
13-	110361GT	AXLE ASSY,NON-STR,NARROW BASE to SN 27474	
13-	110737GT	AXLE ASSY,NON-STR,NARROW BASE from SN 27475 to SN 31771	
13-	119980GT	AXLE ASSY,REAR,NARROW Z45/Z51 from SN 31772	
13-	45071GT	BEARING,1.5IDX1.75ODX1.5L	
14	54557GT	SHIM,AXLE PIN,1.50" to SN 31771	
15	107914GT	BAR,AXLE ROTATION STOP***	1
16	119210GT	SHIM,AXLE ROTATION STOP,12GA	as needed
17	50669GT	SHIM,AXLE ROTATION STOP,22GA to SN 29757	as needed
17-	119209GT	SHIM,AXLE ROTATION STOP,22GA from SN 29758	as needed
18	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	1
19	825019GT	ROD END, .375X3.69, ZAG	1

206.1 Non-steer Axle



Item	*Part No.*	*Description*	*Qty.*
20	6708GT	SCREW,HHC,3/8-16 X 2.25	
21	4828GT	NUT, NYLOCK, 3/8-16	

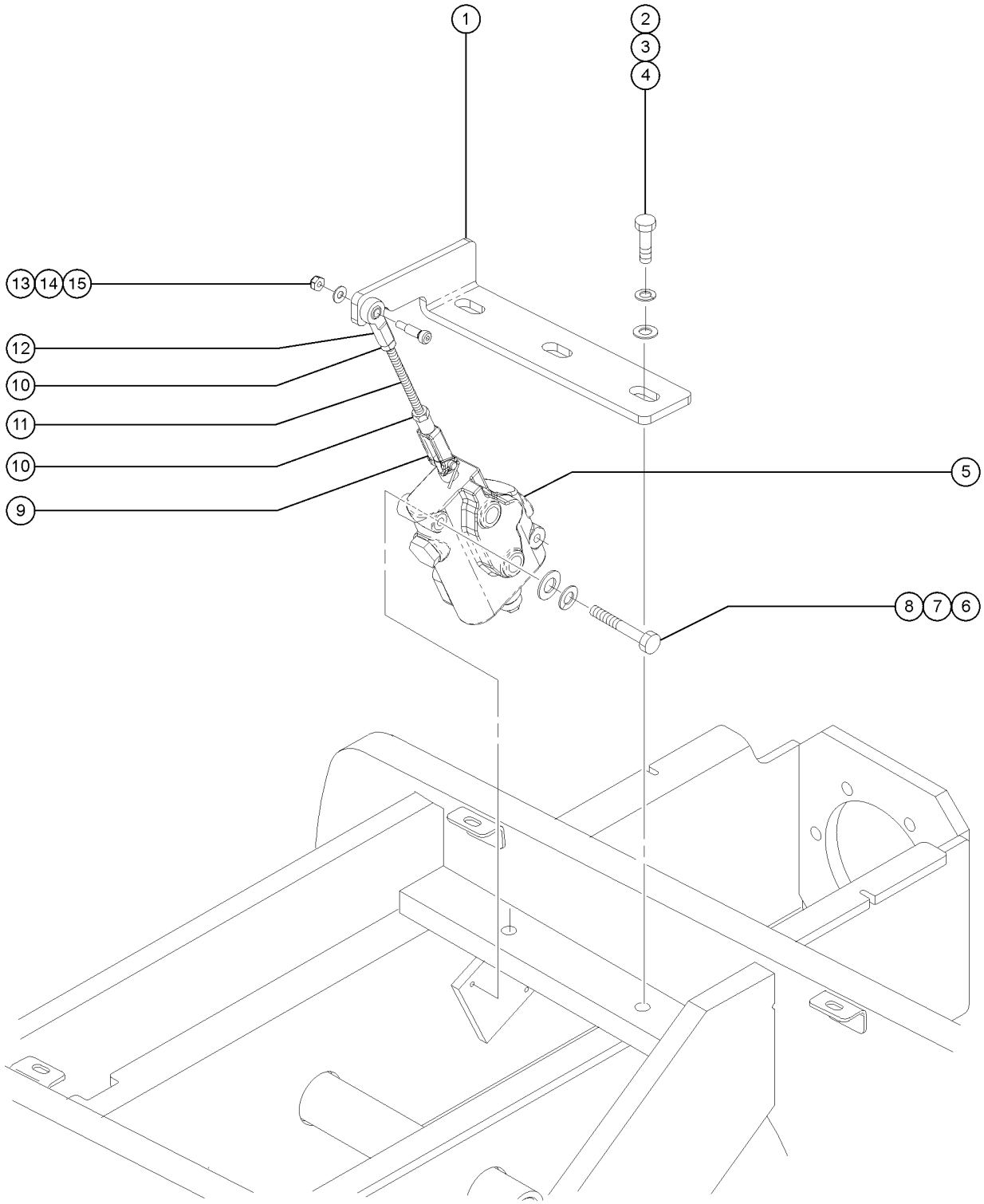
207.1 Oscillate Valve



207.1 Oscillate Valve

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	4266GT	SCREW,HHC,1/4-20 X 2	
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

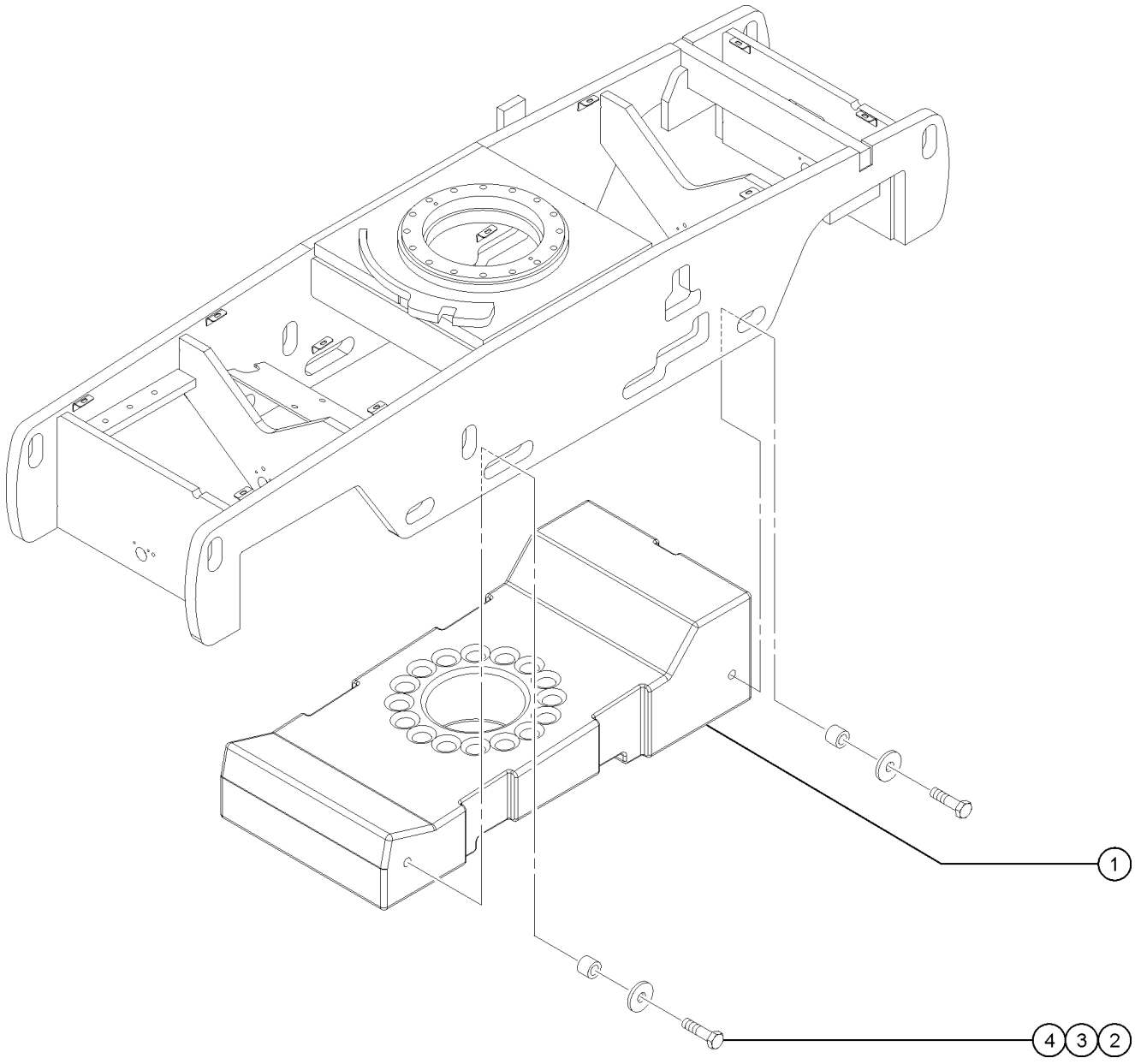
207.2 Oscillate Valve



207.2 Oscillate Valve

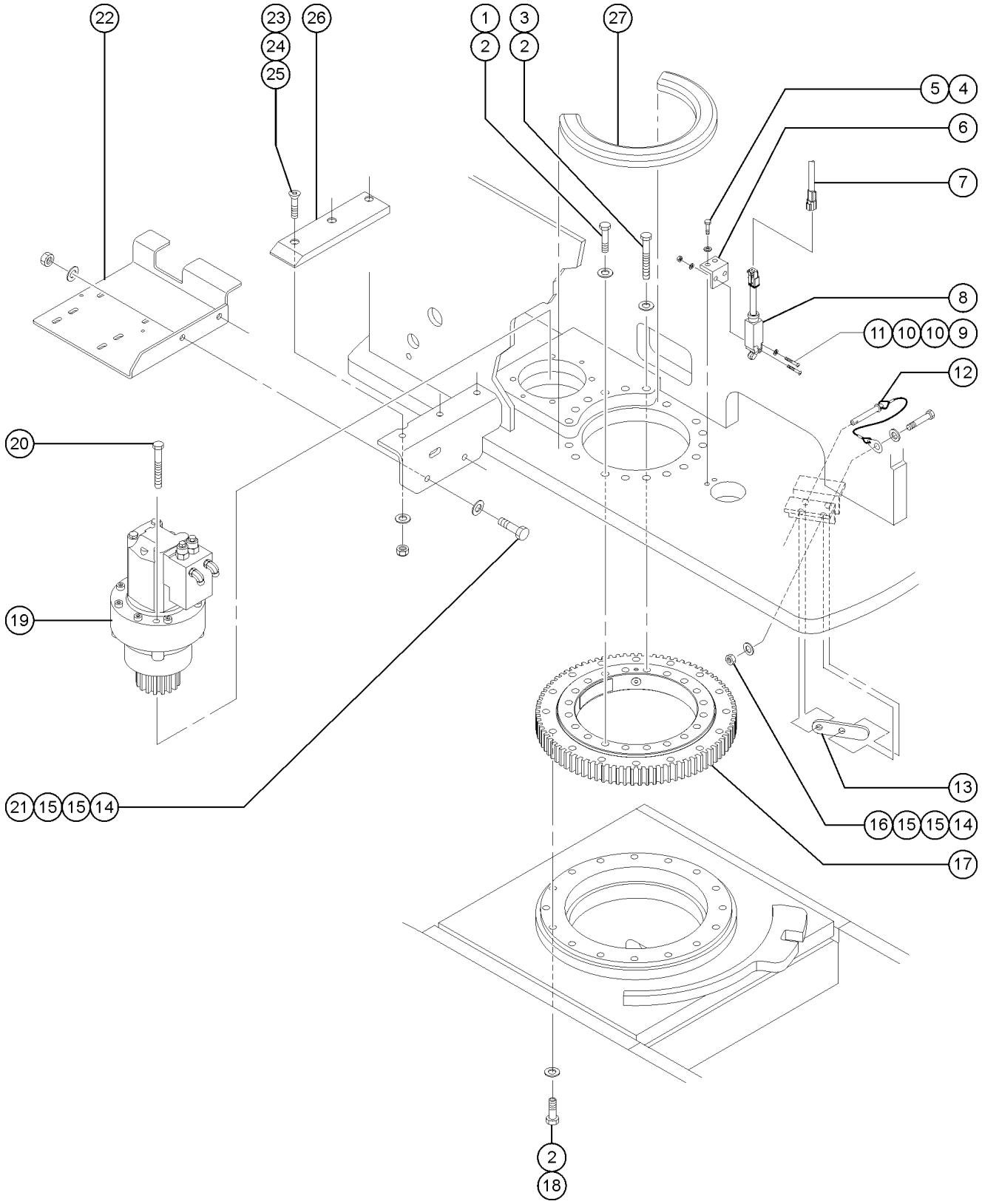
Item	Part No.	Description	Qty.
	T111453GT	KIT,OSCILLATE LINKAGE includes items 1 and 9-15	
1	T107284GT	BRACKET,OSCILLATING VALVE	1
2	14033GT	SCREW, HHC, 3/8-16 X 2.75	3
3	6021GT	WASHER, LOCK, .375	3
4	5397GT	WASHER, FLAT, USS, 5/16-18	3
5	49768GT	VLV,MAN,3 POS/4 WAY,CLOSE CTR*	1
5-	32681GT	SEAL KIT,CONTROL VALVE for 49768	
6	4266GT	SCREW,HHC,1/4-20 X 2	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



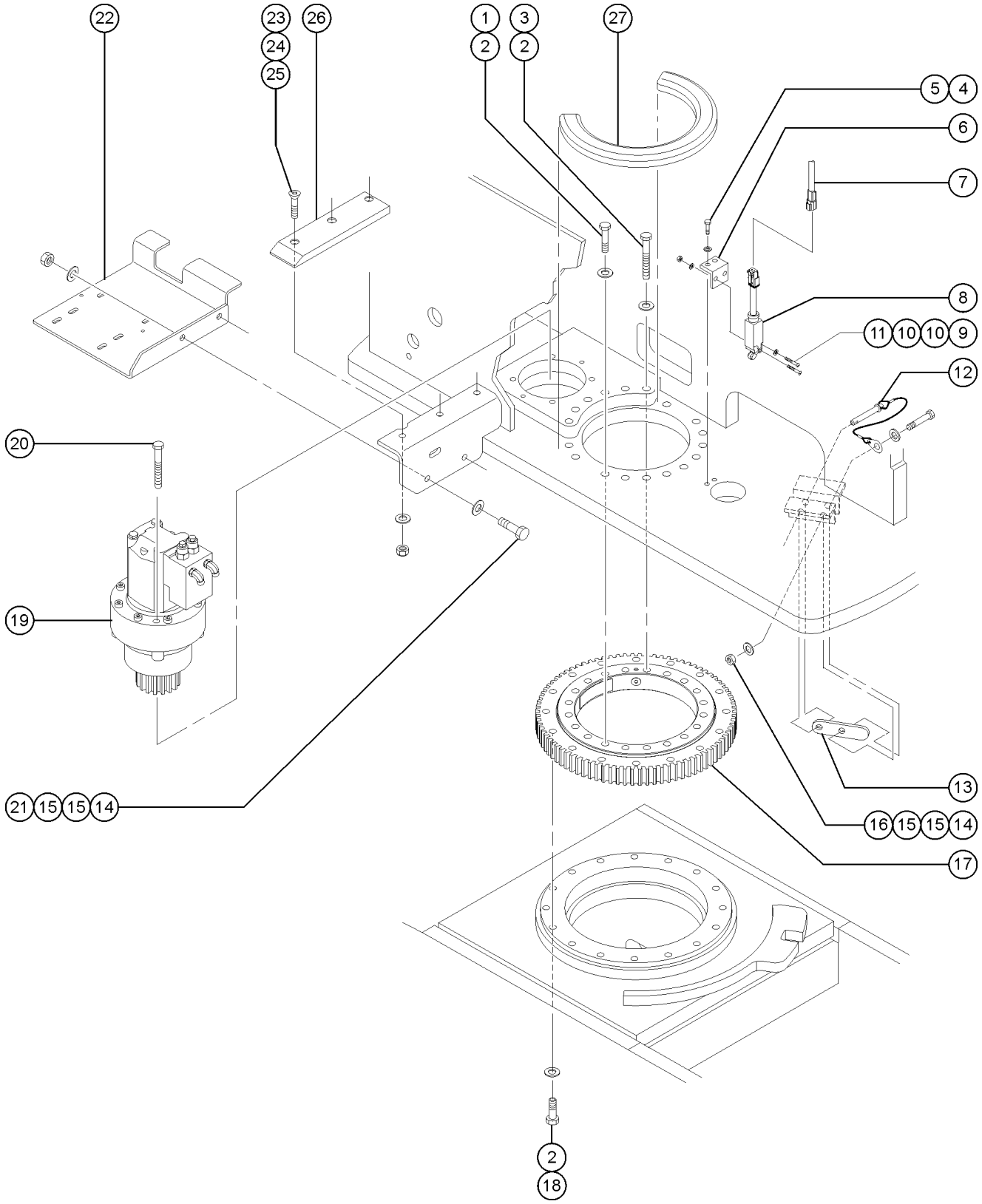
Item	*Part No.*	*Description*	*Qty.*
1	119673GT	BELLY WEIGHT, Z45,IC NARROW 2350 lbs. / 1065 kg.	1
2	128066GT	SCREW, HHC, 1-8 X 4, GRID .2	4
3	119815PGT	PLATE,WASHER,FLAT,RETAINING,PT	4
4	107574PGT	TUBE,CHASSIS SPACER PAINTED	4

301.1 Turntable Rotator



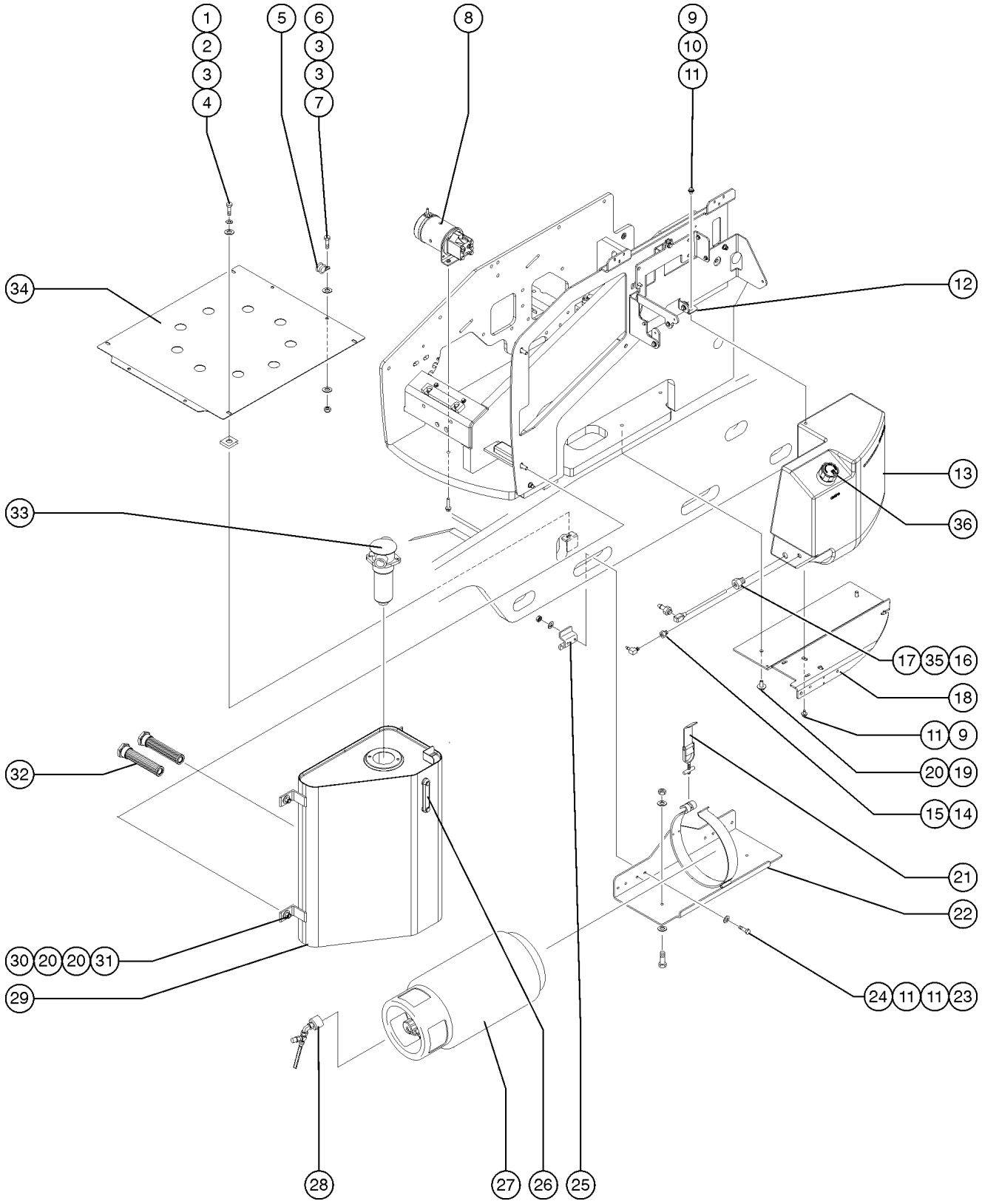
Item	Part No.	Description	Qty.
1	74712GT	SCREW,SHC,5/8-11 X 2.75,A574	12
2	13064GT	WASHER,FLAT,.625 HARDENED	36
3	21175GT	SCREW,SHC,5/8-11 X 4,A574	6
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	6021GT	WASHER, LOCK, .375	
6	50469GT	BRACKET,DRIVE SENSOR,ENABLE	1
7	107993GT	HARNESS,IC FUNCTION MANIFOLD	
8	110160GT	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	1
18	25068GT	SCREW,SHC,5/8-11 X 4.5,A574	16
19A		Ref: Swing Drive Assy 77082 is no longer available, order PN 824050	
19A-	77246GT	SEAL KIT,SWING MOTOR*** for 77082	
19A-	128446GT	MANIFOLD,TURNTABLE ROTATION*** for 77082	
19A-	220255GT	SEAL KIT,MANIFOLD TO MOTOR for 128446	
19A-	48904GT	ELBOW, 90D, 520220-4 not included, must order seperately	
19B		SWING DRIVE ASSY*** 147209 is no longer available, order PN 824050	

301.1 Turntable Rotator



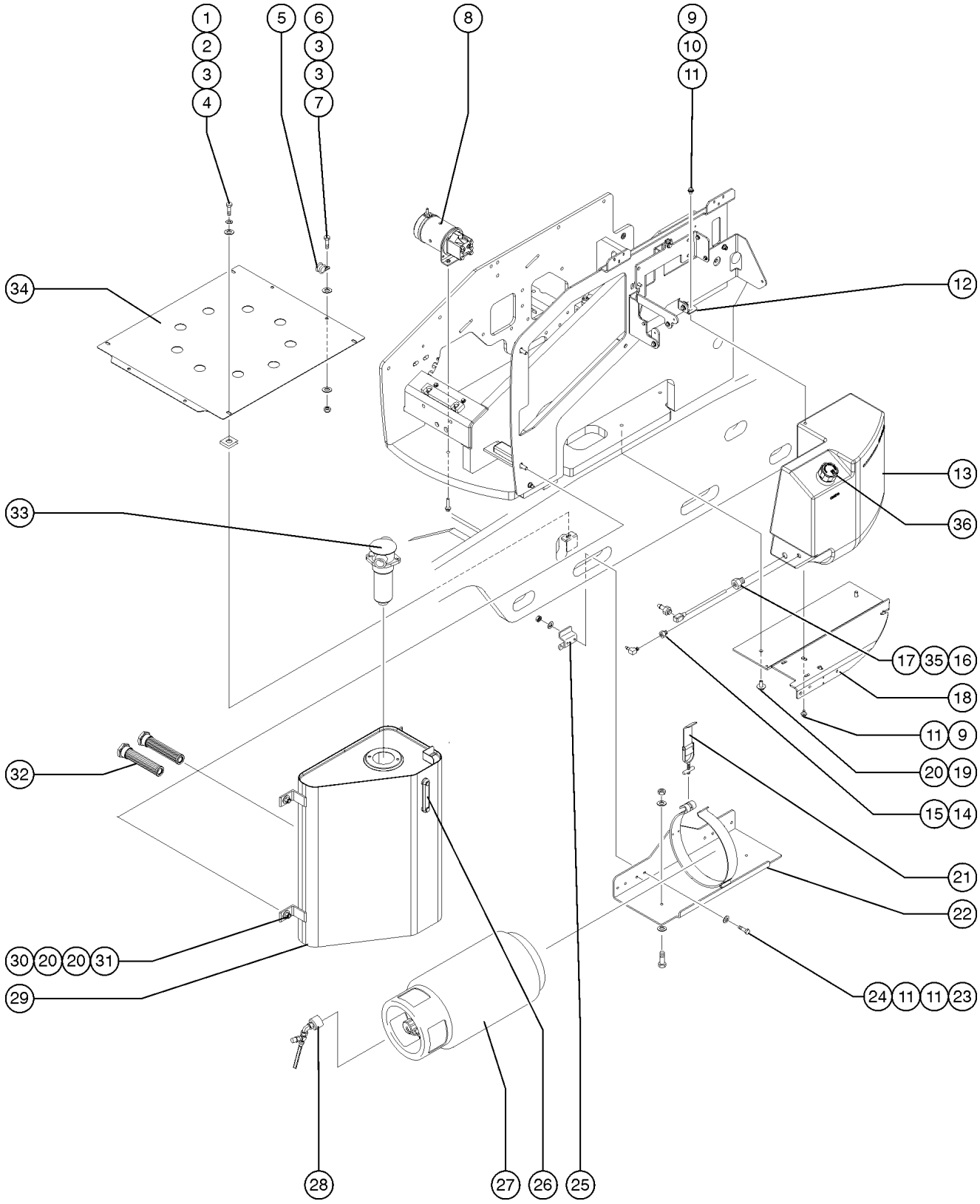
Item	Part No.	Description	Qty.
19B-		SEAL KIT,SWING DRIVE*** component no longer available	
19B-		BRAKE KIT, SWING DRIVE component no longer available	
19B-		MANIFOLD KIT, SW DRIVE component no longer available	
19B-	220255GT	SEAL KIT,MANIFOLD TO MOTOR for 147212	
19B-	48904GT	ELBOW, 90D, 520220-4 not included, must order seperately	
19C	824050GT	SWING DRIVE ASSEMBLY replaces PNs 77082 & 147209, use from SN 27000	1
19C-	824051GT	SEAL KIT, SWING DRIVE for 824050	
19C-	824052GT	VALVE BLOCK, SWING DRIVE for 824050	
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



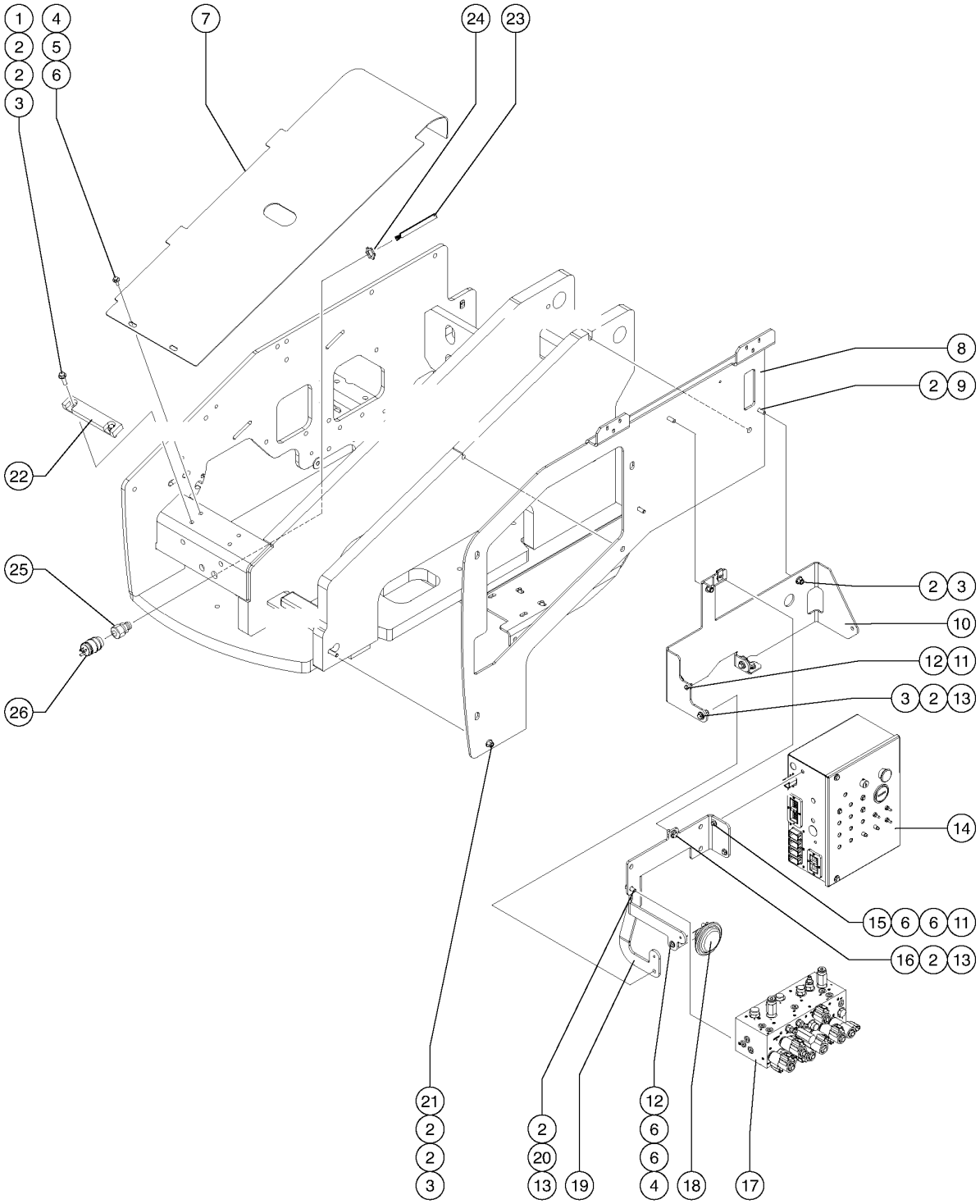
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	
6	6090GT	SCREW, HHC, 1/4-20 X .75	
7	6091GT	NUT,NYLOCK,1/4-20	
8	77066GT	ASSEMBLY, AUX 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	
12	70602GT	BRACKET, ANGLE Diesel models; to SN 39871	1
13	119798GT	FUEL TANK ASSY, 17 GAL PLASTIC Gasoline/LPG models; to SN 30141	1
13-		TANK ASSY,GAS,17GAL PLASTIC (119843) Gasoline/LPG models; from SN 30142 (component no longer available)	1
13-	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
19	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
20	6095GT	WASHER,FLAT,USS,1/2",Y	

302.1 Fuel and Hydraulic Tanks



Item	Part No.	Description	Qty.
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	
34	120269GT	FORMING,BELLY PAN	1
35	54333GT	TUBE,FUEL PICKUP,3/8NPTX1/4PT	1
36	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) Diesel models, no longer available, (replaced by 1316635)	
36-	101727GT	CAP,FUEL,GAS,1/8"VENT(RED) Gasoline/LPG models; to SN 30141	
36-	119918GT	CAP,FUEL,GASOLINE 3.5PSI Gasoline/LPG models; from SN 30142	
36B	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1

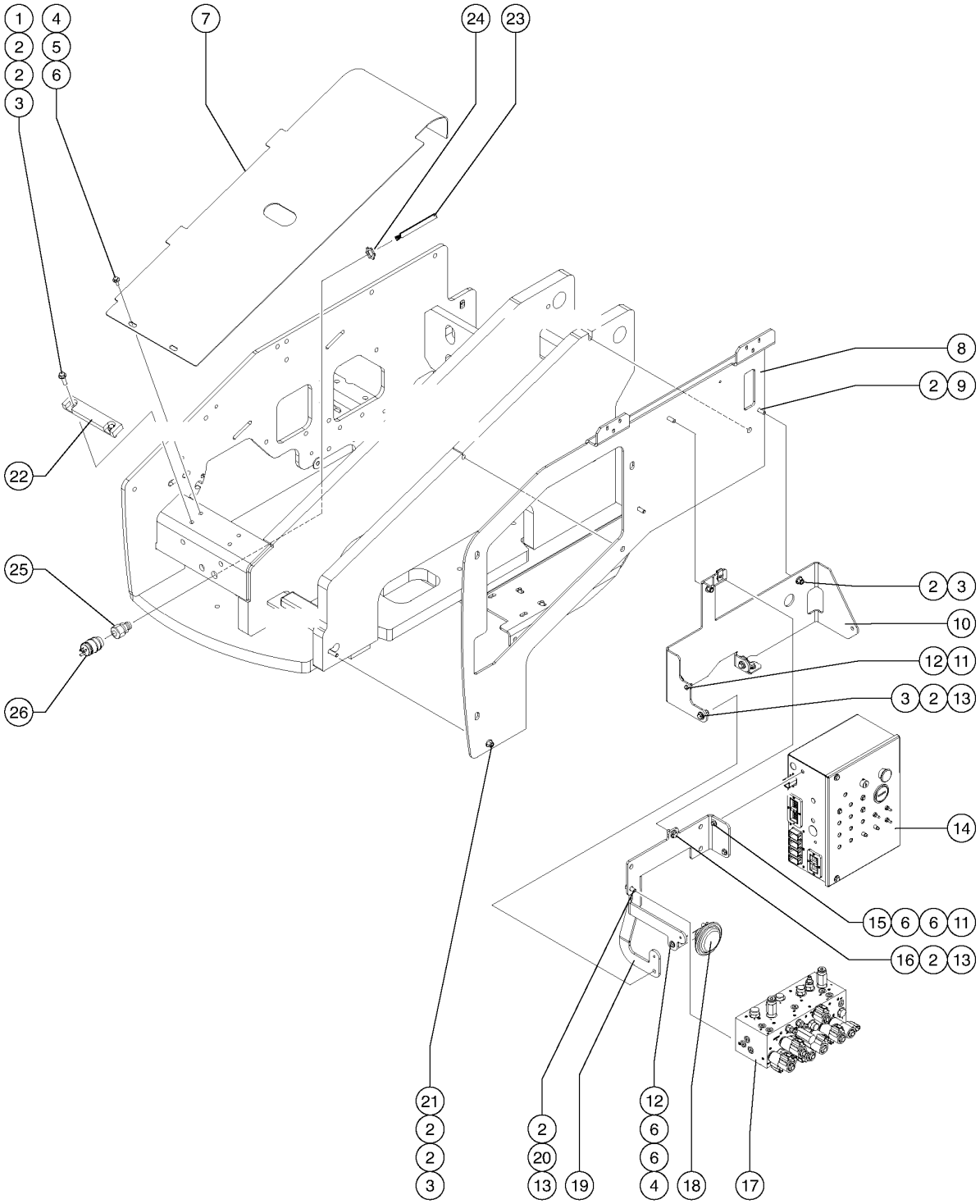
303.1 Function Manifold and Ground Control Box Placement, Z-45/25



303.1 Function Manifold and Ground Control Box Placement, Z-45/25

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	70574PGT	COVER,CENTER SWING CHASSIS to SN 31386	1
7-	119784PGT	COVER,CENTER SWING CHASSIS,PTD from SN 31387	
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)	
18	81578GT	HORN,12VDC,SPADE TERMINALS*** to SN 27944; refer to section 307.1 for units from SN 27945	1
19A	70675PGT	BRACKET,MANIFOLD MOUNT PAINTED to SN 28114	1
19A	101577PGT	BRACKET,GROUND CONTROL BOX,PNT to SN 28114 (original control box mount bracket used with 1st design function manifold mount bracket 70601)	1
19B	70675PGT	BRACKET,MANIFOLD MOUNT PAINTED from SN 28115	1
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 inches
24	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1

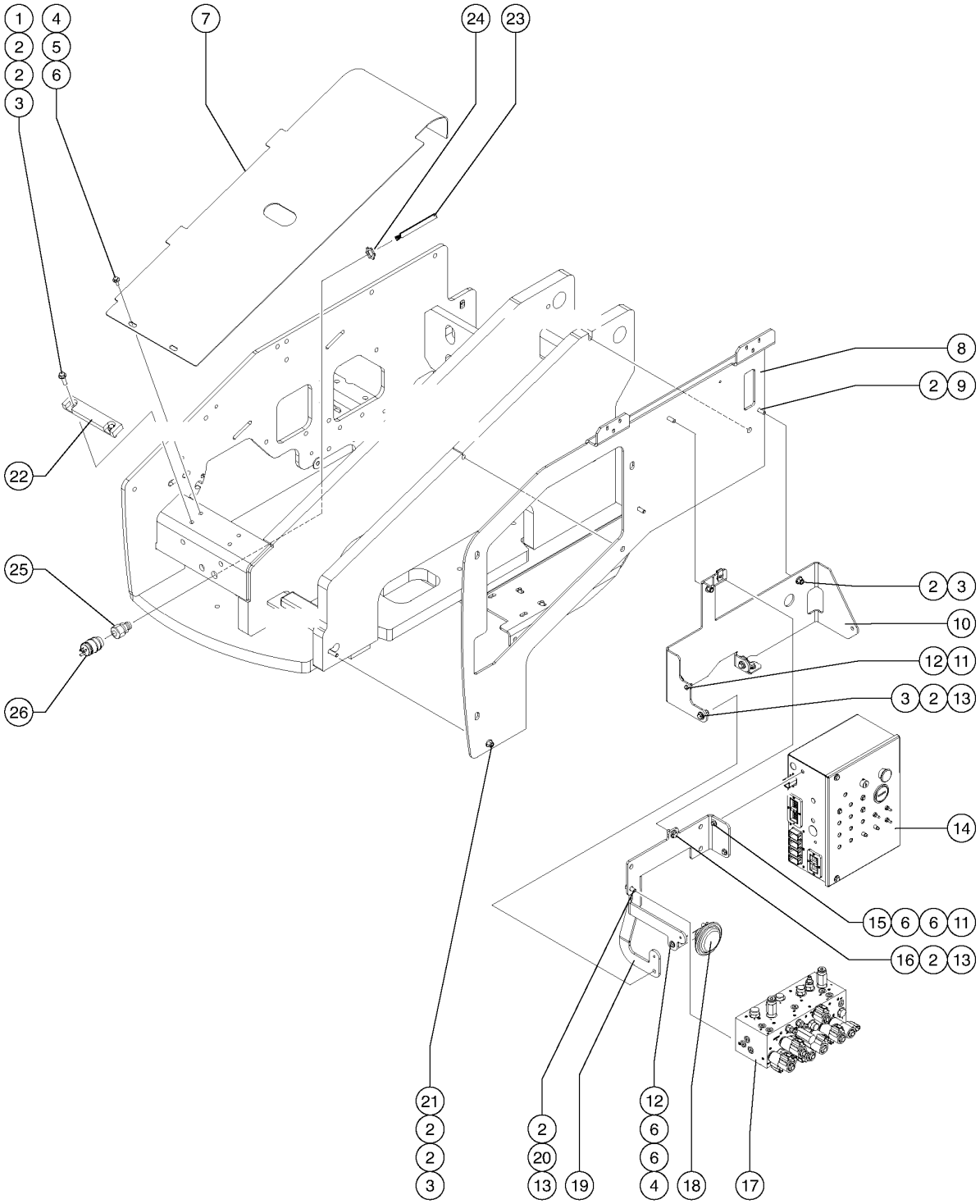
303.1 Function Manifold and Ground Control Box Placement, Z-45/25



303.1 Function Manifold and Ground Control Box Placement, Z-45/25

Item	*Part No.*	*Description*	*Qty.*
25	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
26	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
26-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
26-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
26-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
26-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
26-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	

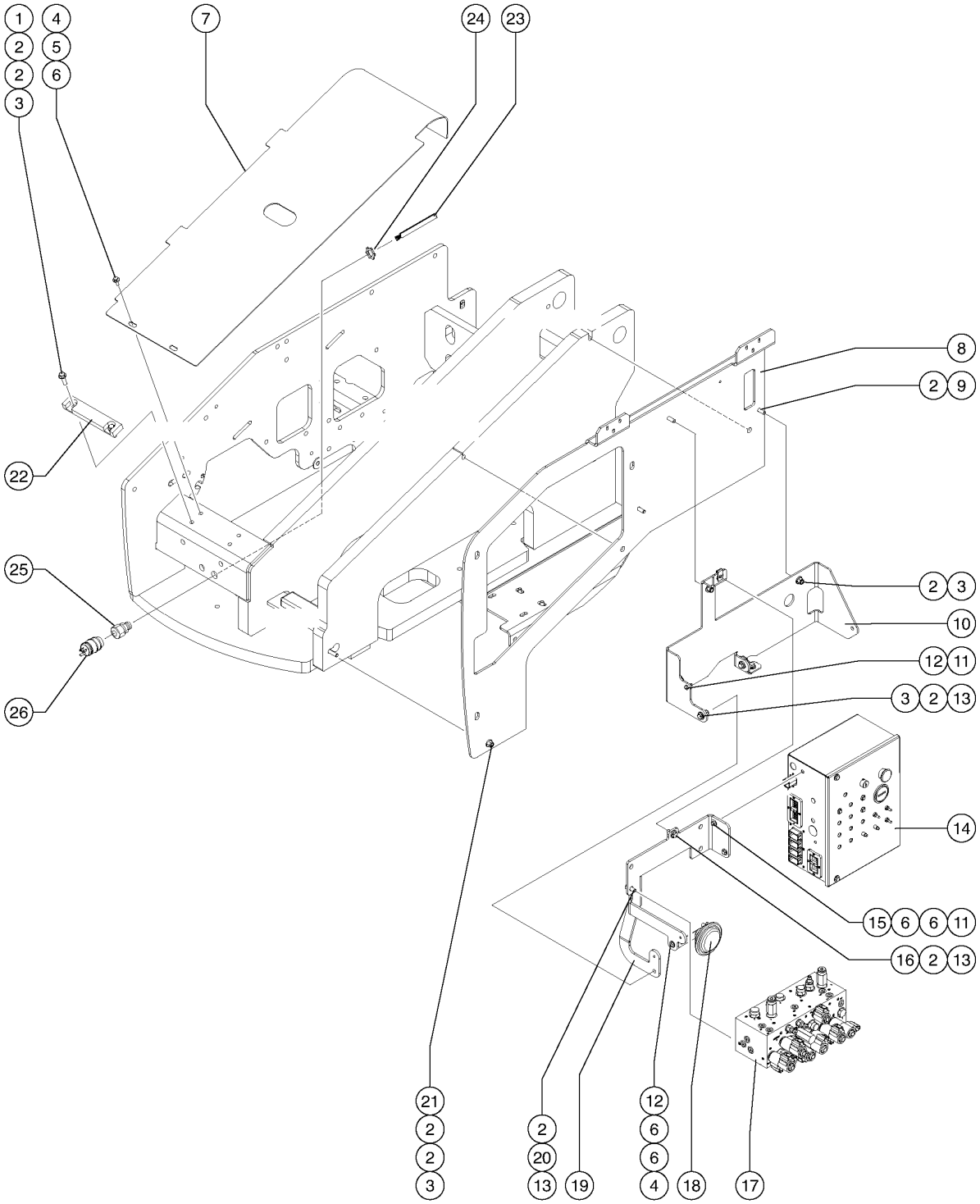
303.2 Function Manifold and Ground Control Box Placement, Z-45/25J



303.2 Function Manifold and Ground Control Box Placement, Z-45/25J

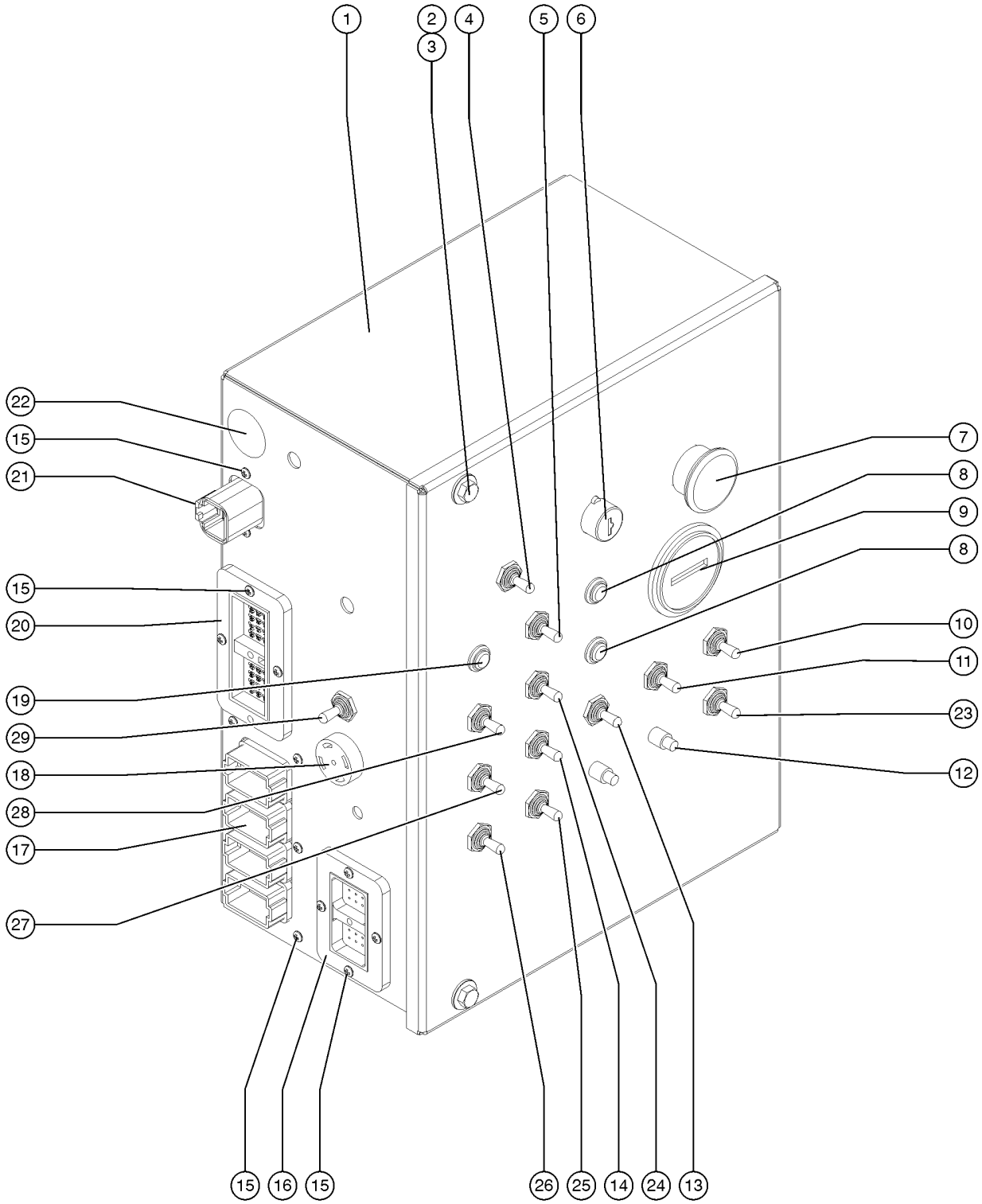
Item	Part No.	Description	Qty.
1	8516GT	SCREW, HCC, 3/8-16 X 1.50	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	6888GT	SCREW, HHC, 1/4-20 X 1	
5	6356GT	WASHER, LOCK, .25	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	70574PGT	COVER,CENTER SWING CHASSIS to SN 31386	1
7-	119784PGT	COVER,CENTER SWING CHASSIS,PTD from SN 31387	
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)	
18	81578GT	HORN,12VDC,SPADE TERMINALS*** refer to section307.1 for units after SN 27944	1
19	70675PGT	BRACKET,MANIFOLD MOUNT PAINTED to SN 28114	1
19-	70675PGT	BRACKET,MANIFOLD MOUNT PAINTED from SN 28115	
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 inches
24	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
25	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1

303.2 Function Manifold and Ground Control Box Placement, Z-45/25J



Item	*Part No.*	*Description*	*Qty.*
26	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
26-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
26-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
26-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
26-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
26-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	

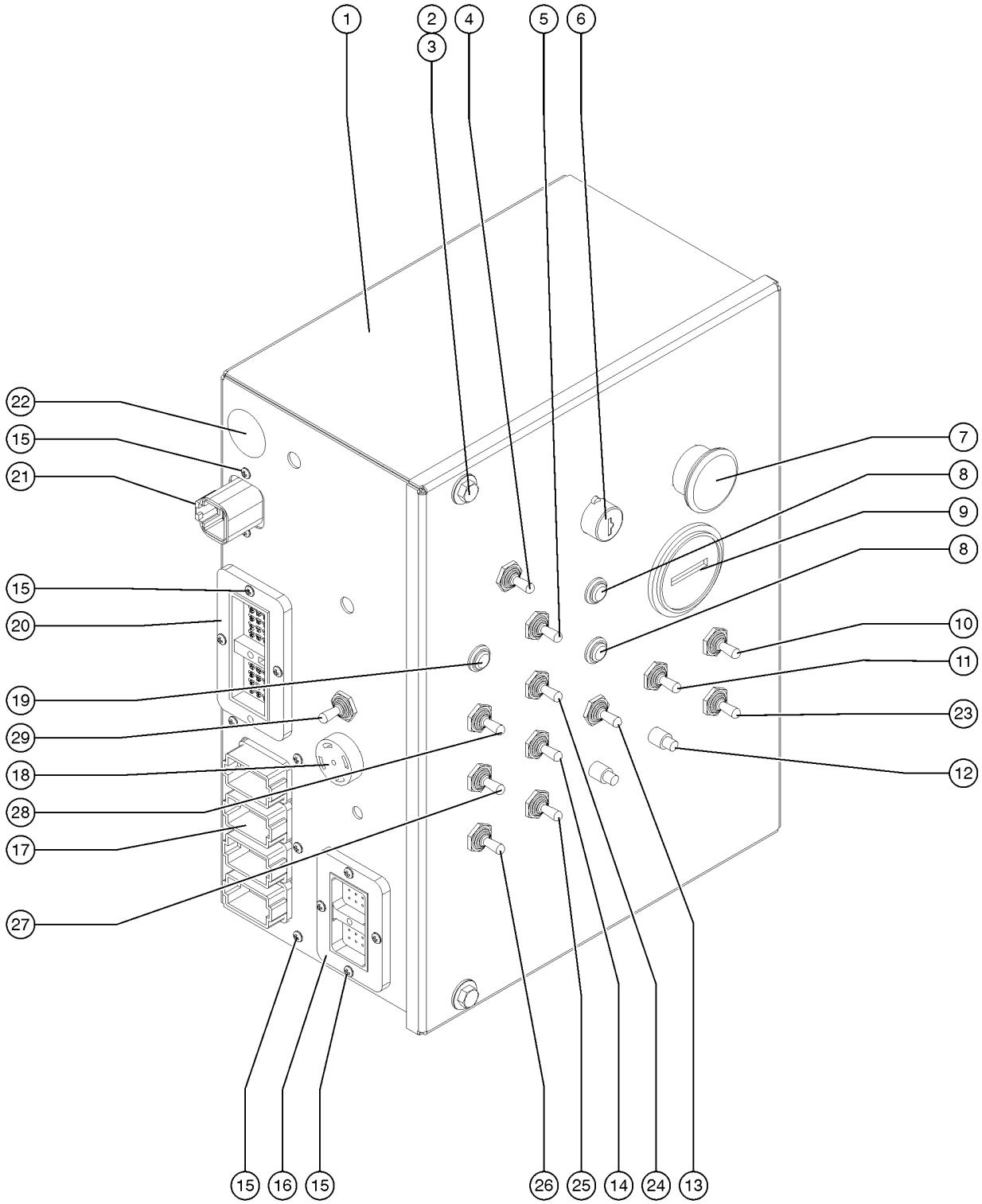
304.1 Ground Control Box - View 1, Z-45/25



304.1 Ground Control Box - View 1, Z-45/25

Item	Part No.	Description	Qty.
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	
4	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary Power; includes boot and hardware	1
4-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
4-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
4-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
5	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT Fuel Select(Gas/LPG); includes boot and hardware	1
5-	128585GT	SWITCH TOGGLE DPDT 2P MNT SHDR	
5-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
5	45384GT	PLUG,NYLON .50 BLACK DOMED Perkins and Deutz	
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	824879GT	LIGHT,LED IND. RED 12V NH Ford models; to SN 31587	1
8C	45384GT	PLUG,NYLON .50 BLACK DOMED	
8D	119800GT	LAMP,INDICATOR,RED,14V,1.2W** Ford models; from SN 31588	1
9	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
10	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow Plug; includes boot and hardware	1
10-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	

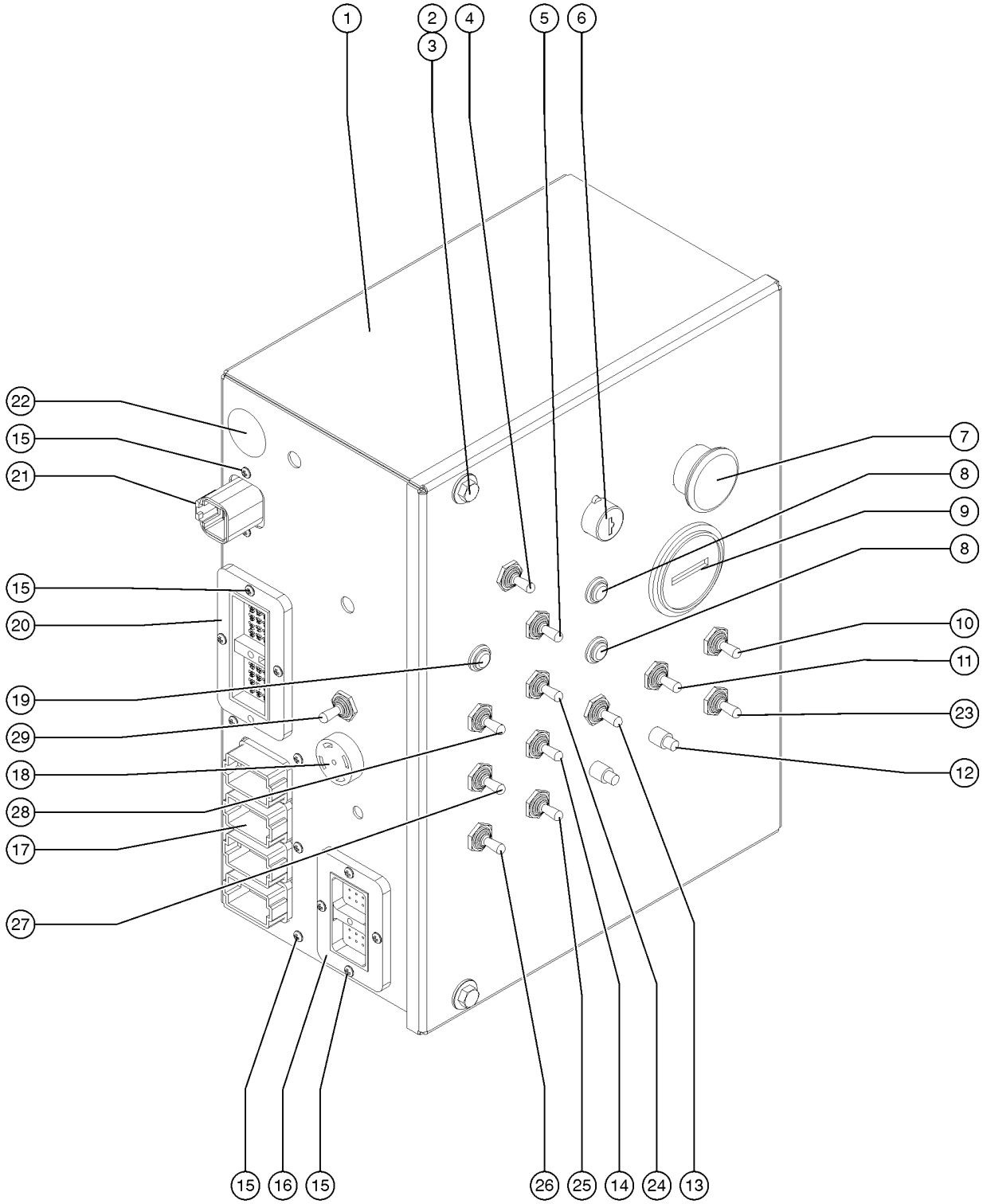
304.1 Ground Control Box - View 1, Z-45/25



304.1 Ground Control Box - View 1, Z-45/25

Item	Part No.	Description	Qty.
10-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
10-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10	45384GT	PLUG,NYLON .50 BLACK DOMED	
11	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start; includes boot and hardware	1
11-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
11-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12	147094GT	ASSY, CIRCUIT BREAKER 15A	2
13	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Secondary Boom Up/Dn; includes boot and hardware	1
13-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
13-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
13-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
14	45384GT	PLUG,NYLON .50 BLACK DOMED	
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-	101887GT	HARNESS,FORD ENGINE EFI to SN 30141	
16-	119034GT	HARNESS,FORD DSG423,Z45 from SN 30142 to SN 31093	
16-	119776GT	HARNESS,FORD DSG423,Z45 from SN 31094	
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	

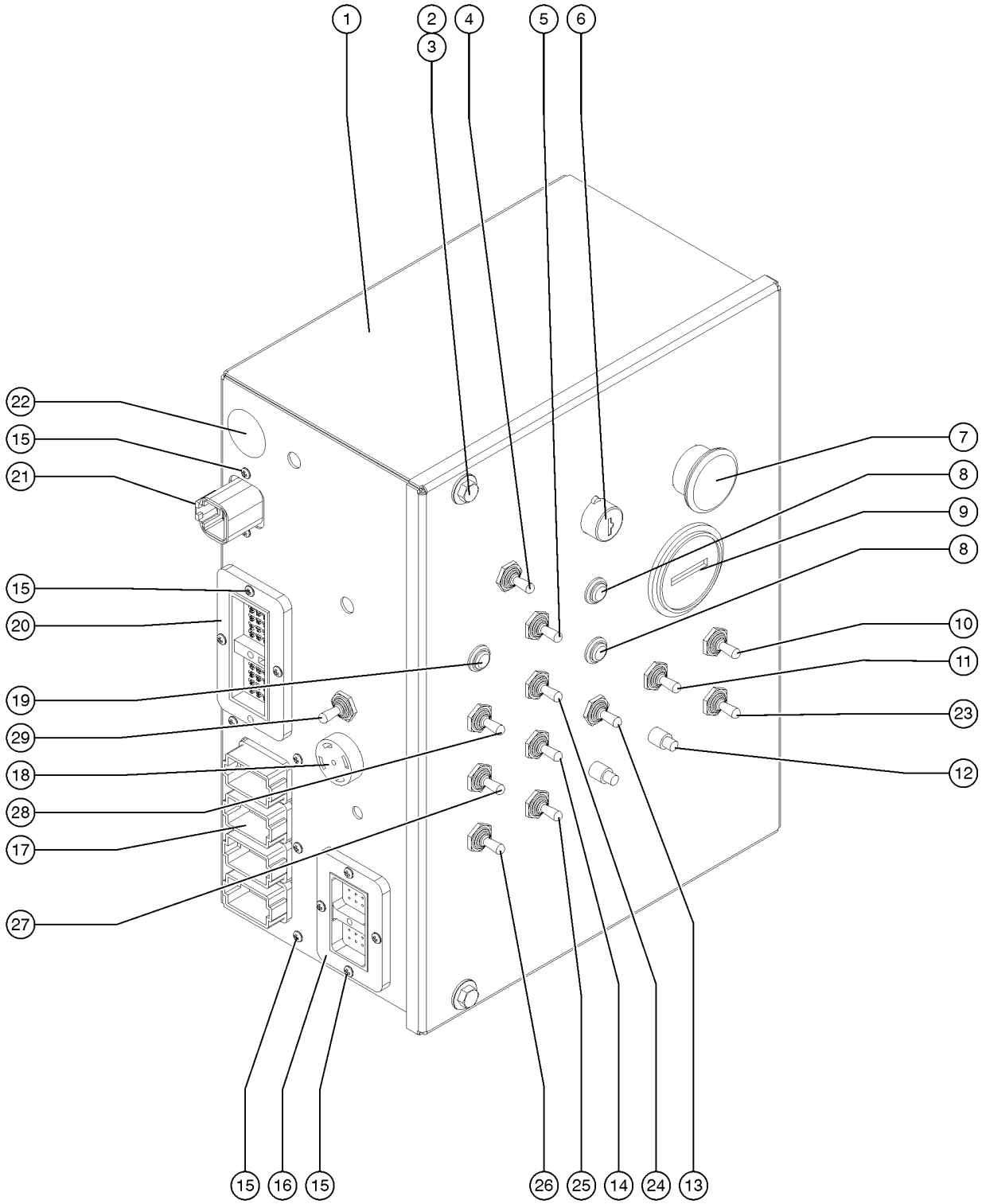
304.1 Ground Control Box - View 1, Z-45/25



304.1 Ground Control Box - View 1, Z-45/25

Item	Part No.	Description	Qty.
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	
19	824879GT	LIGHT,LED IND. RED 12V NH CE models	
19-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
19-	45384GT	PLUG,NYLON .50 BLACK DOMED	
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
23	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Function Enable; includes boot and hardware	1
23-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
23-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
23-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
24	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary Boom Up/Dn; includes boot and hardware	1
24-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
24-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

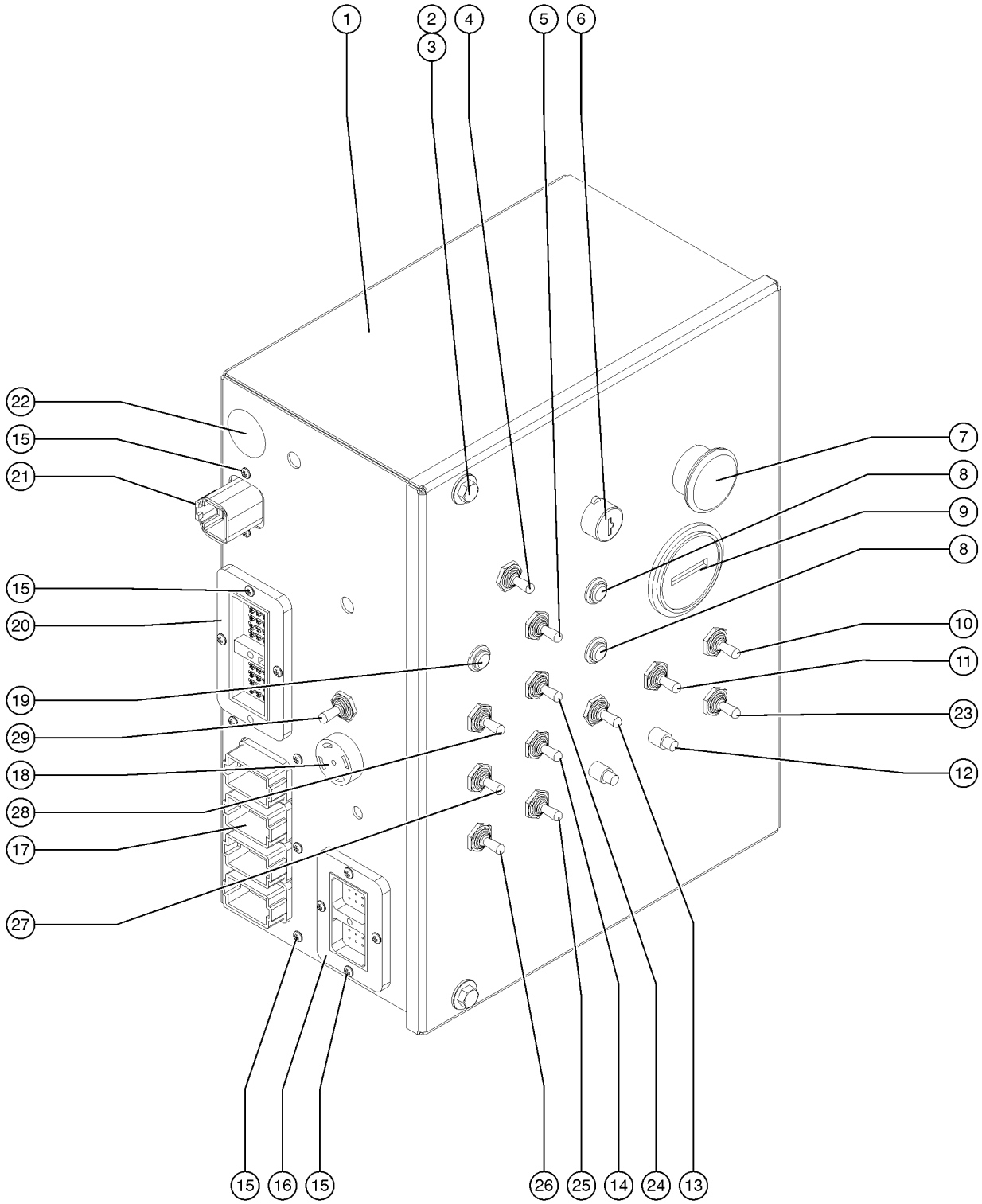
304.1 Ground Control Box - View 1, Z-45/25



304.1 Ground Control Box - View 1, Z-45/25

Item	Part No.	Description	Qty.
24-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
25	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform Level; includes boot and hardware	1
25-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
25-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
25-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
26	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate; includes boot and hardware	1
26-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
26-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
26-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
27	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Turntable Rotate; includes boot and hardware	1
27-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
27-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
27-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
28	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary Boom Ext/Ret; includes boot and hardware	1
28-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
28-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
28-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
29	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT Test; includes boot and hardware	1
29-	128585GT	SWITCH TOGGLE DPDT 2P MNT SHDR	
29-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

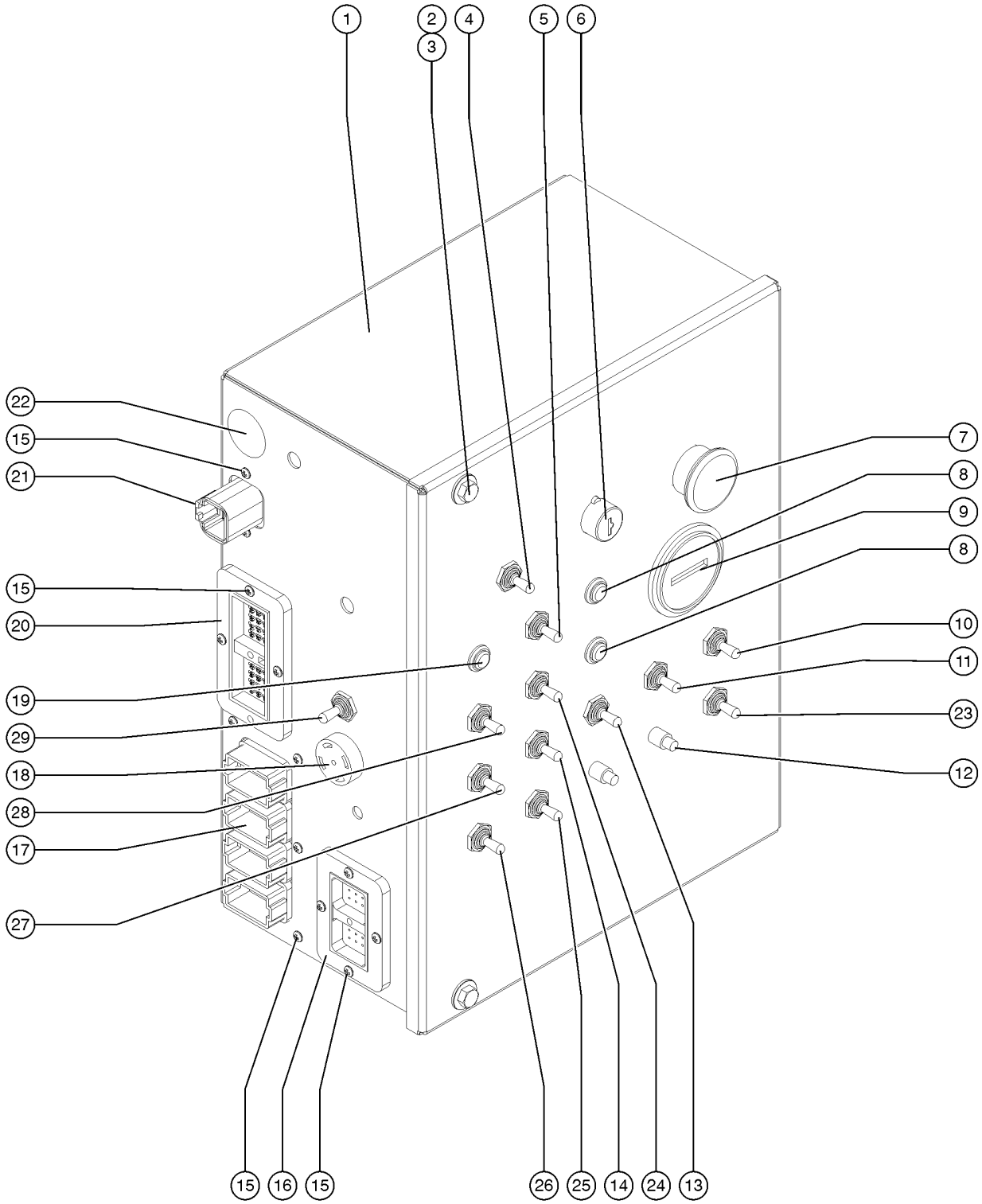
304.2 Ground Control Box - View 1, Z-45/25J



304.2 Ground Control Box - View 1, Z-45/25J

Item	Part No.	Description	Qty.
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	
4	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary Power; includes boot and hardware	1
4-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
4-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
4-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
5	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT Fuel Select (Gas/LPG Models); includes boot and hardware	1
5-	128585GT	SWITCH TOGGLE DPDT 2P MNT SHDR	
5-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
5-	45384GT	PLUG,NYLON .50 BLACK DOMED Perkins and Deutz	
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	824879GT	LIGHT,LED IND. RED 12V NH Ford models; to SN 31587	1
8C	45384GT	PLUG,NYLON .50 BLACK DOMED	
8D	119800GT	LAMP,INDICATOR,RED,14V,1.2W** Ford models; from SN 31588; replaced 119870	1
9	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
10	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow Plug (Deutz and Perkins); includes boot and hardware	1
10-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
10-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

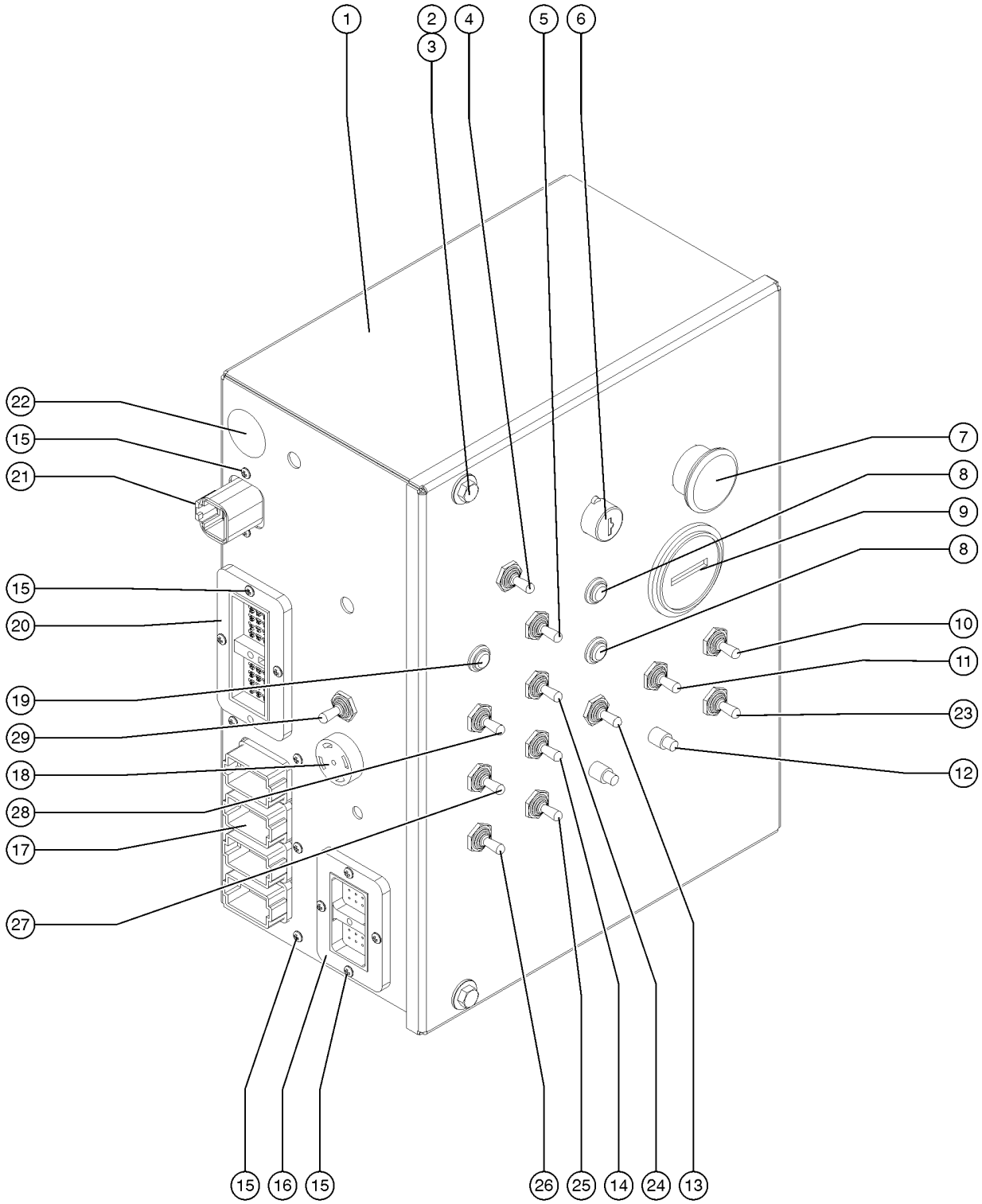
304.2 Ground Control Box - View 1, Z-45/25J



304.2 Ground Control Box - View 1, Z-45/25J

Item	Part No.	Description	Qty.
10-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10-	45384GT	PLUG,NYLON .50 BLACK DOMED	
11	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start; includes boot and hardware	1
11-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
11-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12	147094GT	ASSY, CIRCUIT BREAKER 15A	2
13	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Secondary Boom Up/Down; includes boot and hardware	1
13-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
13-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
13-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
14	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Jib Boom up/Down; includes boot and hardware	1
14-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
14-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
14-	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-	101887GT	HARNESS,FORD ENGINE EFI to SN 30141	
16-	119034GT	HARNESS,FORD DSG423,Z45 from SN 30142 to SN 31093	
16-	119776GT	HARNESS,FORD DSG423,Z45 from SN 31094	
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

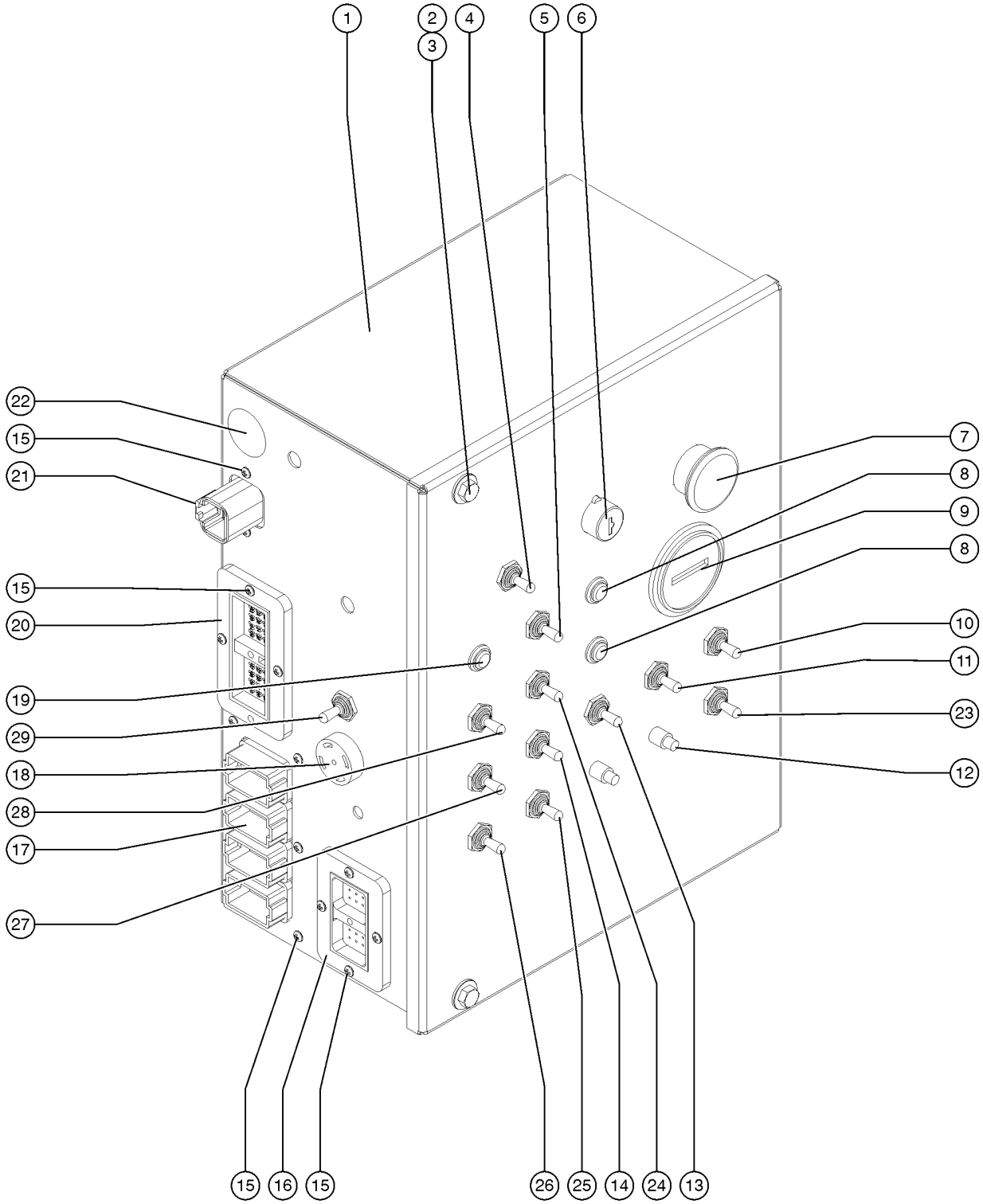
304.2 Ground Control Box - View 1, Z-45/25J



304.2 Ground Control Box - View 1, Z-45/25J

Item	Part No.	Description	Qty.
17-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
17-	88722-72000GT	HARNESS,18/19,BOOM CABLE #2 gray and black connectors	
17-	11903GT	CONN PLUG 12 WAY ENDCAP DT GR	
17-	119061GT	CONN, PLUG, 12 WAY, DEUTSCH, DT, GRAY	
17-	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 brown and green connectors	
17-	119064GT	CONN PLUG 12 WAY ENDCAP DT BR	
17-	119062GT	CONN, PLUG, 12 WAY, DEUTSCH, DT, BLACK	
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	
19	824879GT	LIGHT,LED IND. RED 12V NH CE models	
19-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
19-	45384GT	PLUG,NYLON .50 BLACK DOMED	
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-	88723-7100GT	Platform Controls to 12V DC Wire Harness	1
22	15243GT	PLUG,NYLON .875 BLACK DOMED	1
23	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Function Enable; includes boot and hardware	1
23-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
23-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
23-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
24	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary Bom Up/Down; includes boot and hardware	1

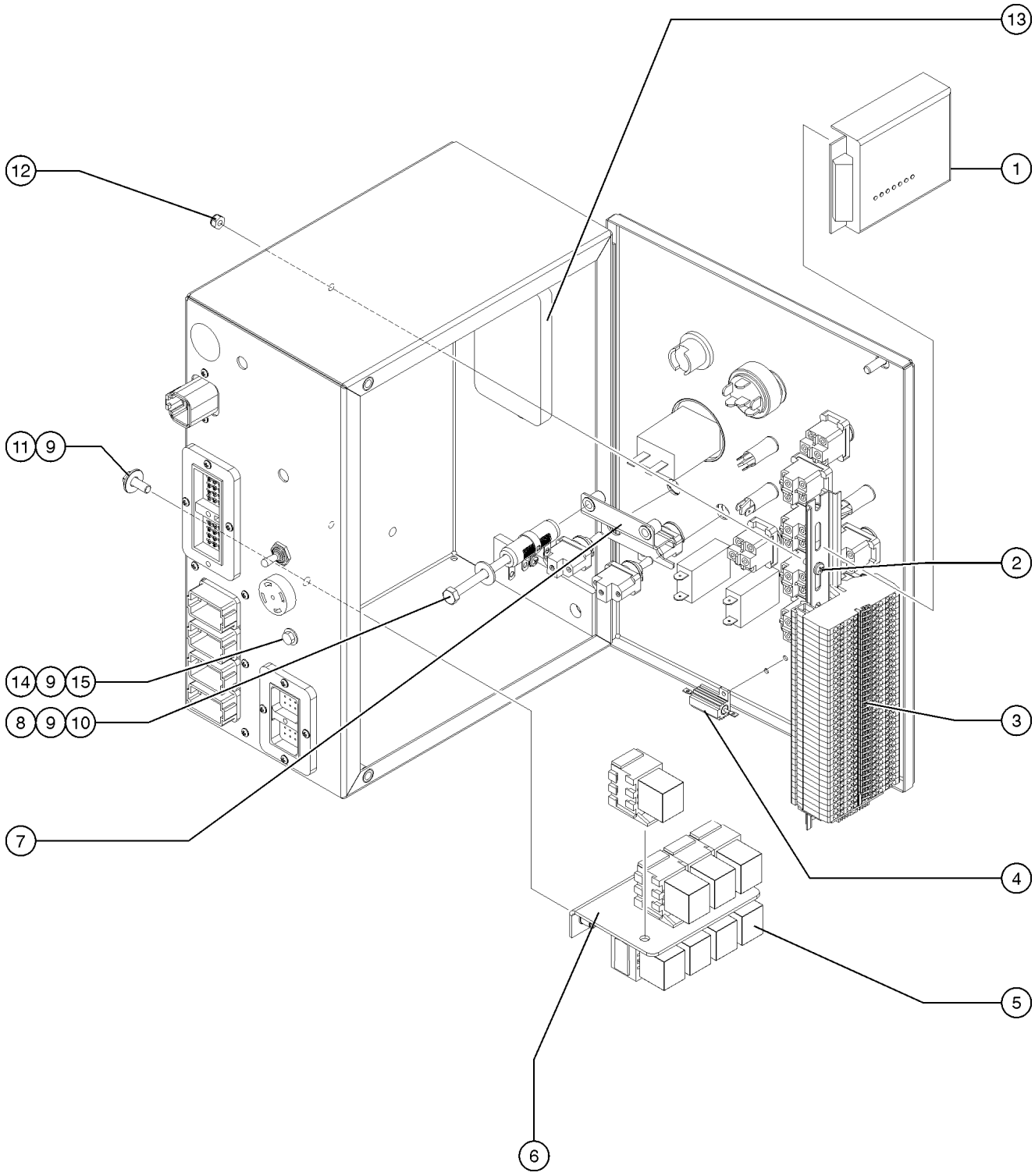
304.2 Ground Control Box - View 1, Z-45/25J



304.2 Ground Control Box - View 1, Z-45/25J

Item	Part No.	Description	Qty.
24-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
24-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
24-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
25	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform Level; includes boot and hardware	1
25-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
25-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
25-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
26	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate; includes boot and hardware	1
26-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
26-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
26-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
27	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Turntable Rotate; includes boot and hardware	1
27-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
27-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
27-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
28	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary Boom Ext/Ret; includes boot and hardware	1
28-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
28-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
28-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
29	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT Test; includes boot and hardware	1
29-	128585GT	SWITCH TOGGLE DPDT 2P MNT SHDR	
29-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

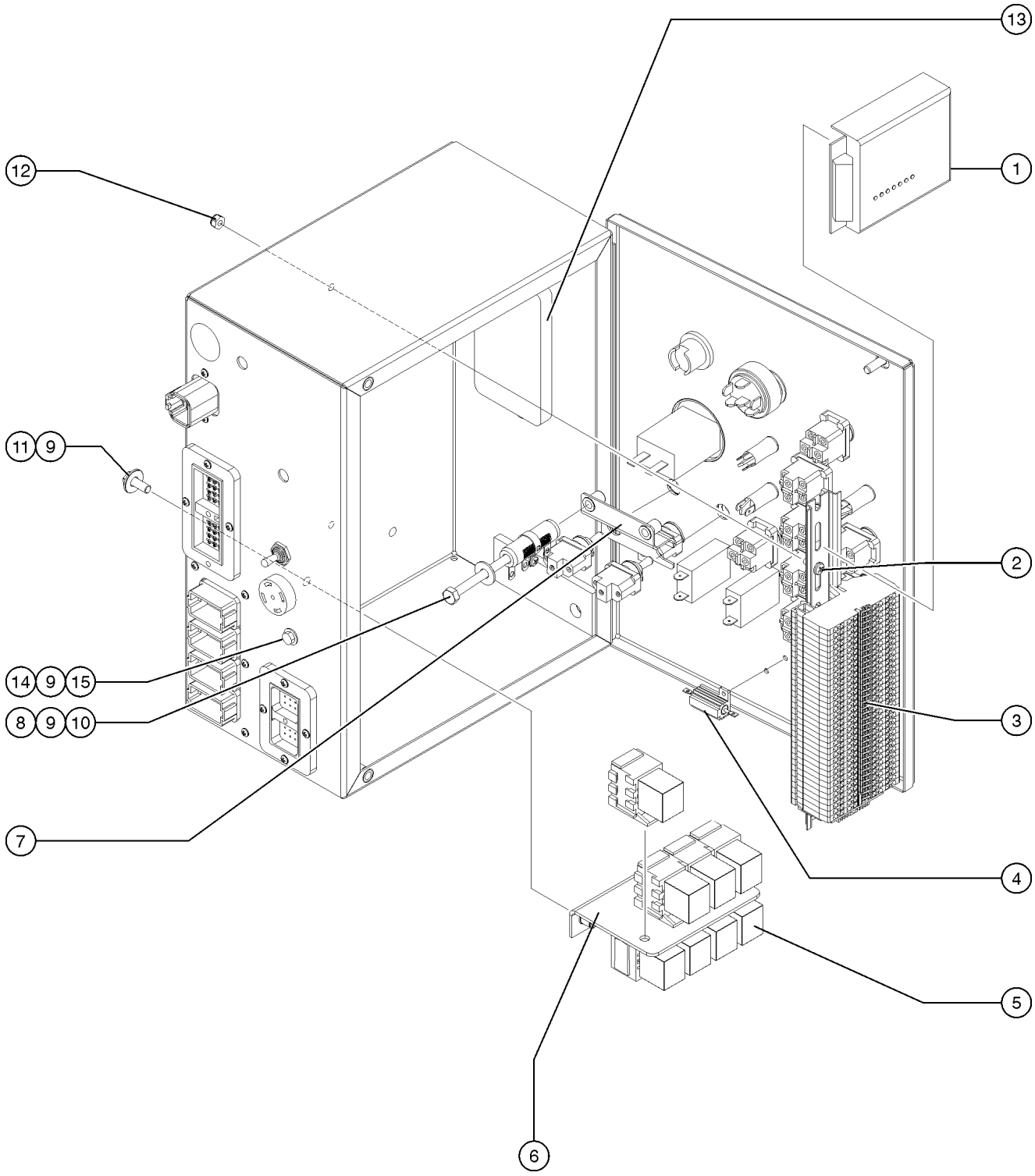
305.1 Ground Control Box - View 2



305.1 Ground Control Box - View 2

Item	Part No.	Description	Qty.
	30997GT	CORROSION INHIBITOR,FOAM	
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 is no longer available, use kit 217046)	1
3A-	74911GT	TERMINAL BLOCK, WIELAND*** (for 94593)	34
3A-	216793GT	TERMINAL BLOCK END PLATE (for 94593)	1
3A-	74913GT	END STOP, DIN RAIL,SCREW CLAMP (for 94593)	1
3A-	74917GT	JUMPER COMB, 2-WAY,WIELAND (for 94593)	1
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)	
34B	217046GT	KIT, TERMINAL BLOCK (use to replace 94593)	
34B-	74917GT	JUMPER COMB, 2-WAY,WIELAND (for 217046)	
34B-	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	
8	12343GT	SCREW,HHC,1/4-20 X 3	

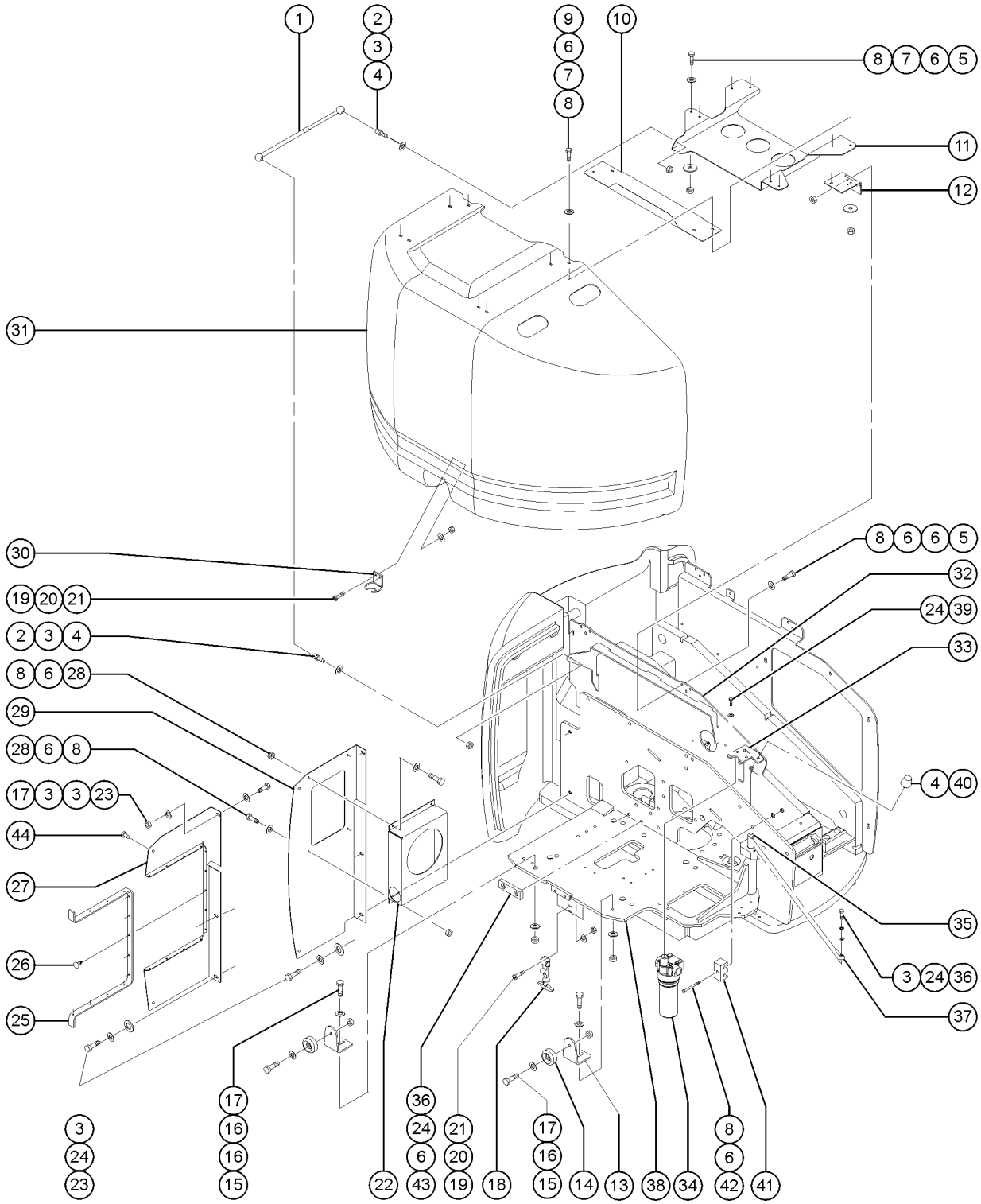
305.1 Ground Control Box - View 2



305.1 Ground Control Box - View 2

Item	Part No.	Description	Qty.
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	

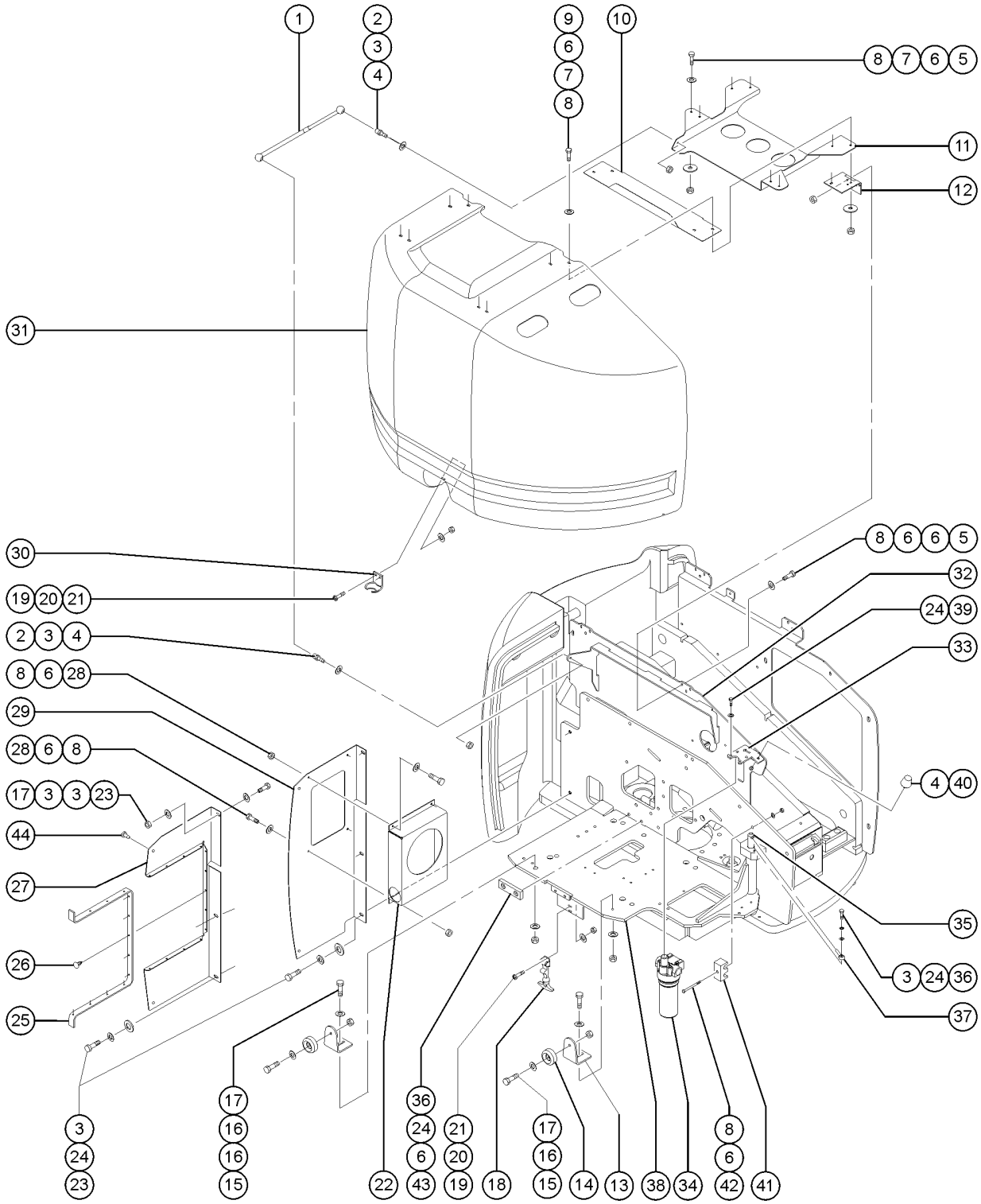
306.1 Turntable Covers, Engine Side (to SN 30141)



306.1 Turntable Covers, Engine Side (to SN 30141)

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	106807PGT	FORMING,ENGINE COVER,IC, PTD	1
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	54608PGT	PLATE,AIR BAFFLE,FORD,PAINTED Ford models	1

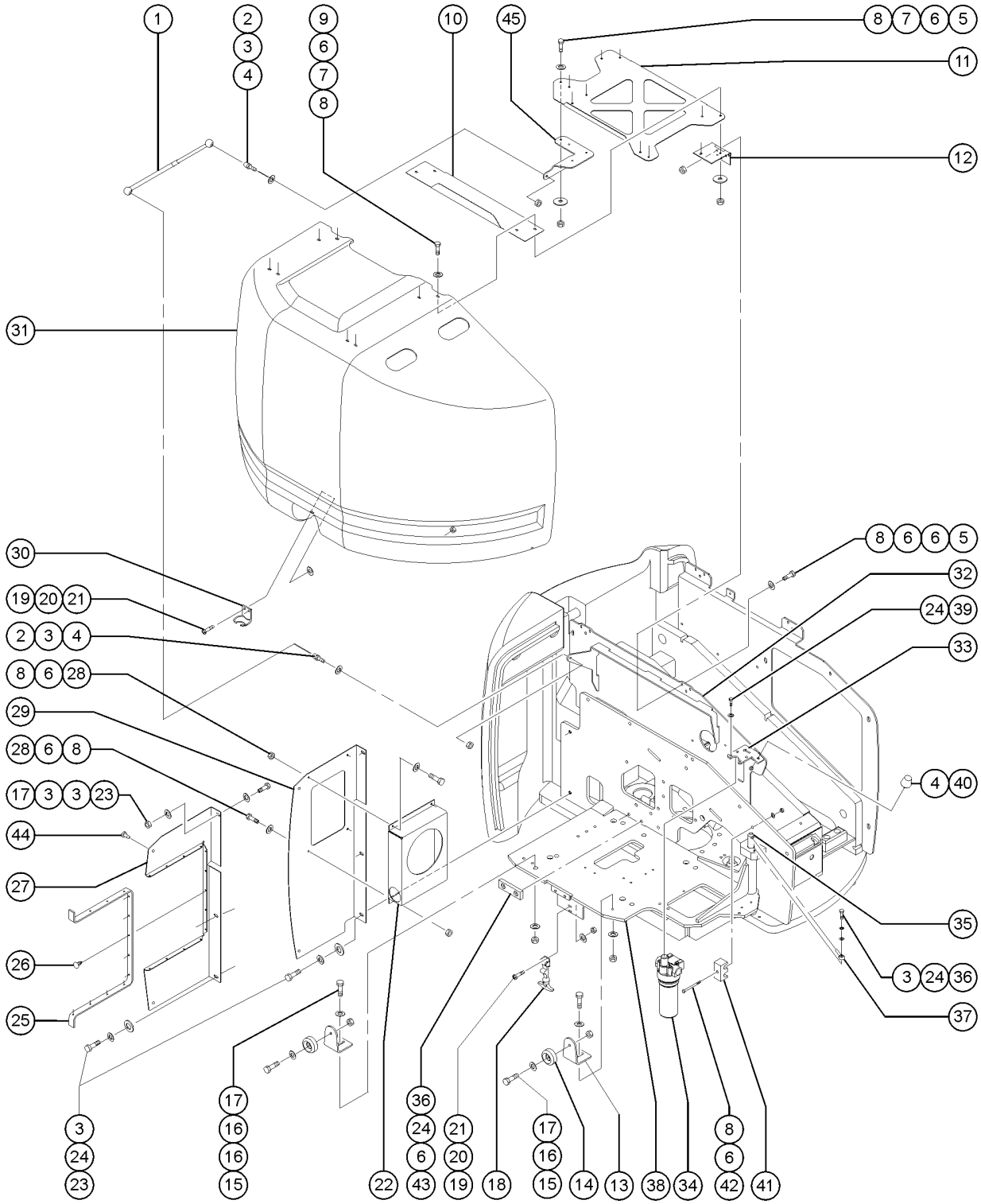
306.1 Turntable Covers, Engine Side (to SN 30141)



306.1 Turntable Covers, Engine Side (to SN 30141)

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	107871GT	COVER,TRNTBL,LH,W/WORD DECALS*	1
31-	107872GT	COVER,TRNTBL,LH,W/SYM DECALS	
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

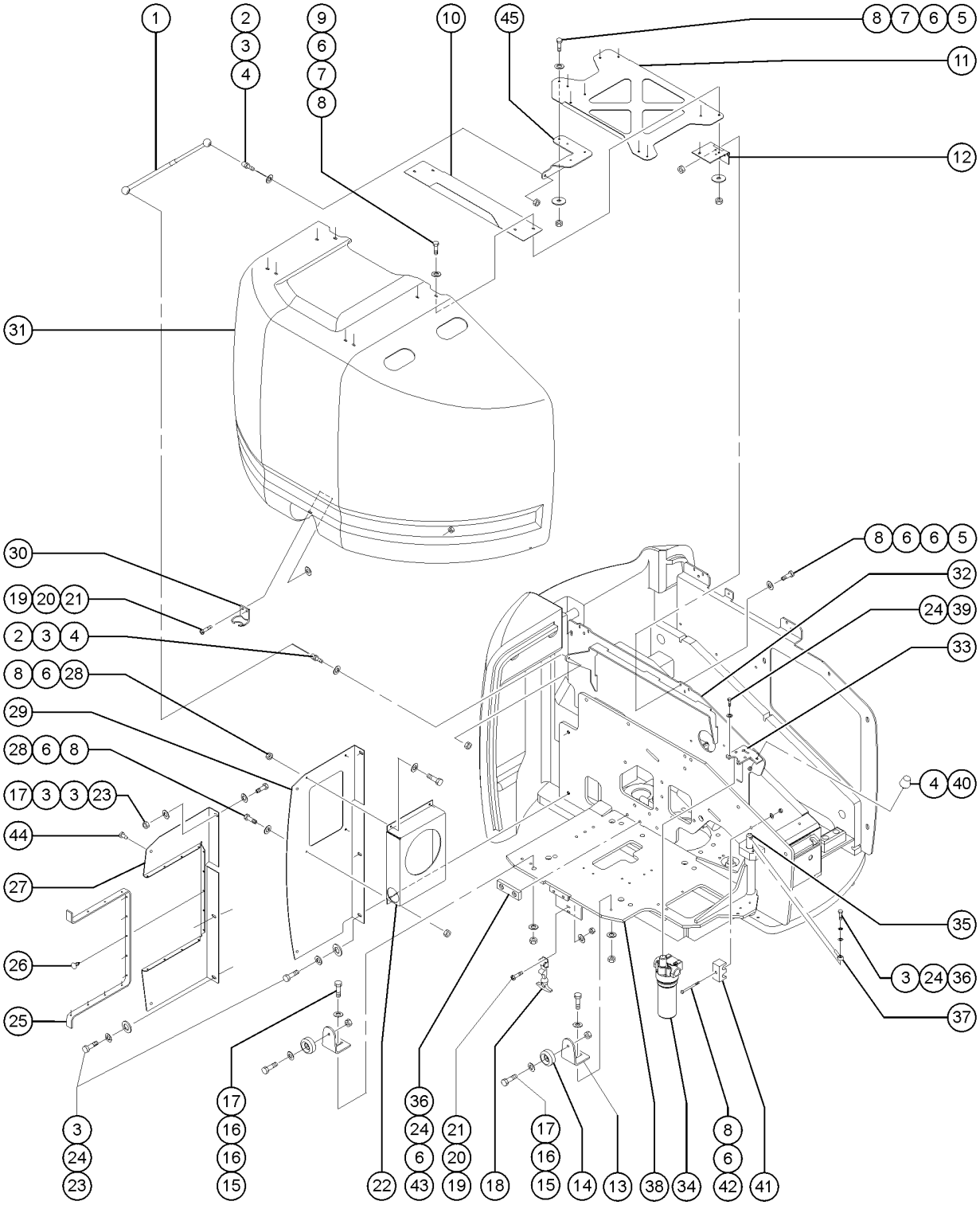
306.2 Turntable Covers, Engine Side (from SN 30142)



306.2 Turntable Covers, Engine Side (from SN 30142)

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	

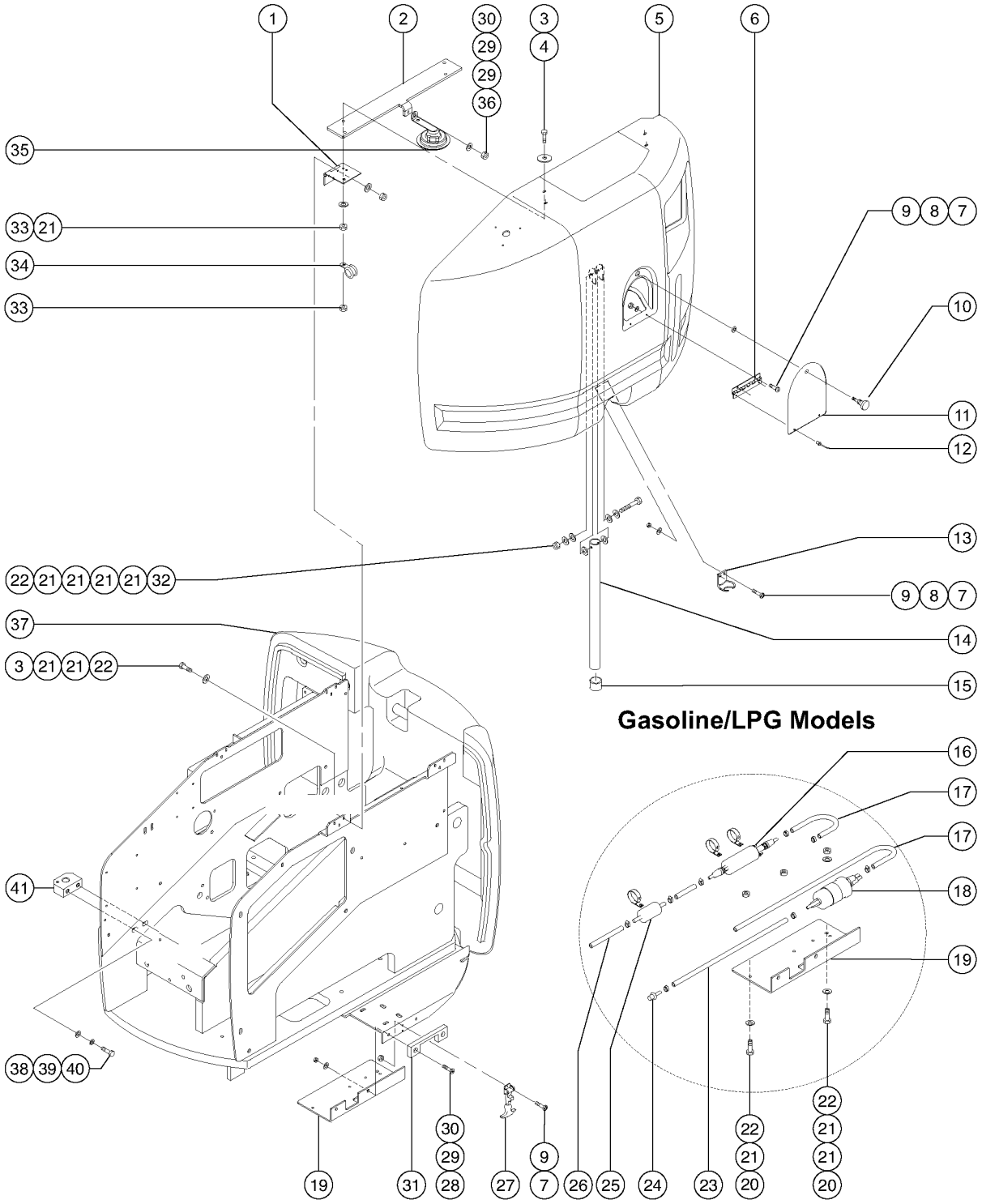
306.2 Turntable Covers, Engine Side (from SN 30142)



306.2 Turntable Covers, Engine Side (from SN 30142)

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	119549GT	COVER,TRNTBL,LH,W/WORD DECALS*	1
31-	119550GT	COVER,TRNTBL,LH,W/SYM DECALS	
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	

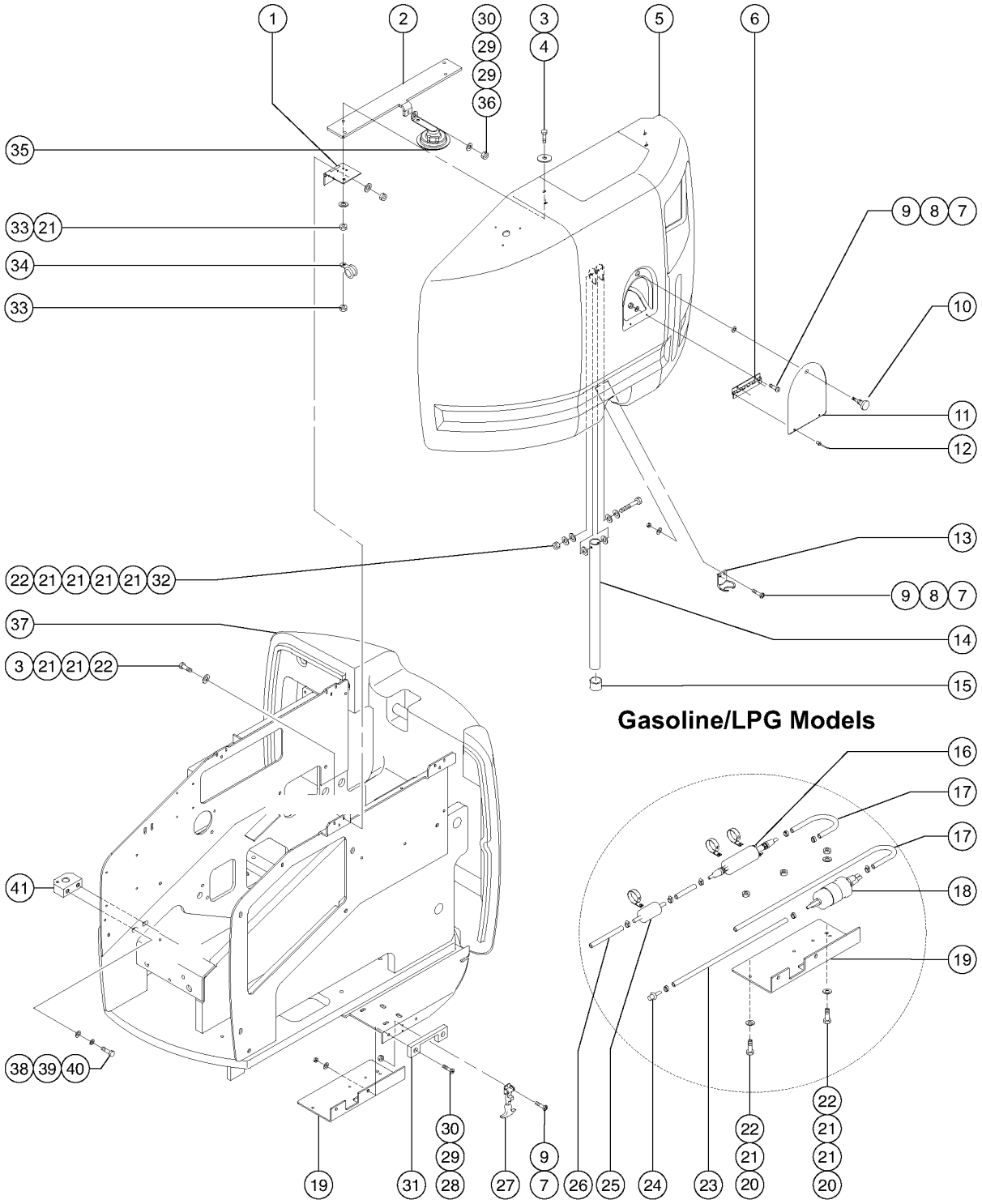
307.1 Turntable Covers, Tank Side (to SN 30141), Z-45/25



307.1 Turntable Covers, Tank Side (to SN 30141), Z-45/25

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	
5	52774-SGT	COVER ASSY.HYD.TANKSIDE,Z45/25	1
5-	101574GT	COVER,TRNTBL,RH,W/SYM DECALS	
6	50971GT	HINGE,FUEL DOOR	1
7	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
8	6146GT	WASHER,FLAT,MS,#10,Y	
9	6178GT	NUT, NYLOCK, 10-32	
10	54233GT	LATCH,FUEL DOOR	1
11	54230PGT	FUEL DOOR,IC TANK SIDE,PNTD***	1
12	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	
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	77219GT	PUMP, FUEL, LRG425, WALBRO	1
16-	65892GT	CONN. ASSY,7.9 TUBE X6.35 HOSE	
16-	65887GT	CLAMP,HOSE,1 EAR,1/2	
17	71909GT	HOSE,FUEL,5/16 HIGH PRESSURE**	1
18	58967GT	FUEL PRESSURE REG,425EFI***	1
18-	77356GT	CONN. ASSY,9.5 TUBE X6.35 HOSE	
18-	65887GT	CLAMP,HOSE,1 EAR,1/2	
18-	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	
19	77328PGT	PLATE,FUEL PUMP,FORD/WALBRO	1
20	6090GT	SCREW, HHC, 1/4-20 X .75	
21	6638GT	WASHER, FLAT, USS, 1/4"Y	
22	6091GT	NUT,NYLOCK,1/4-20	

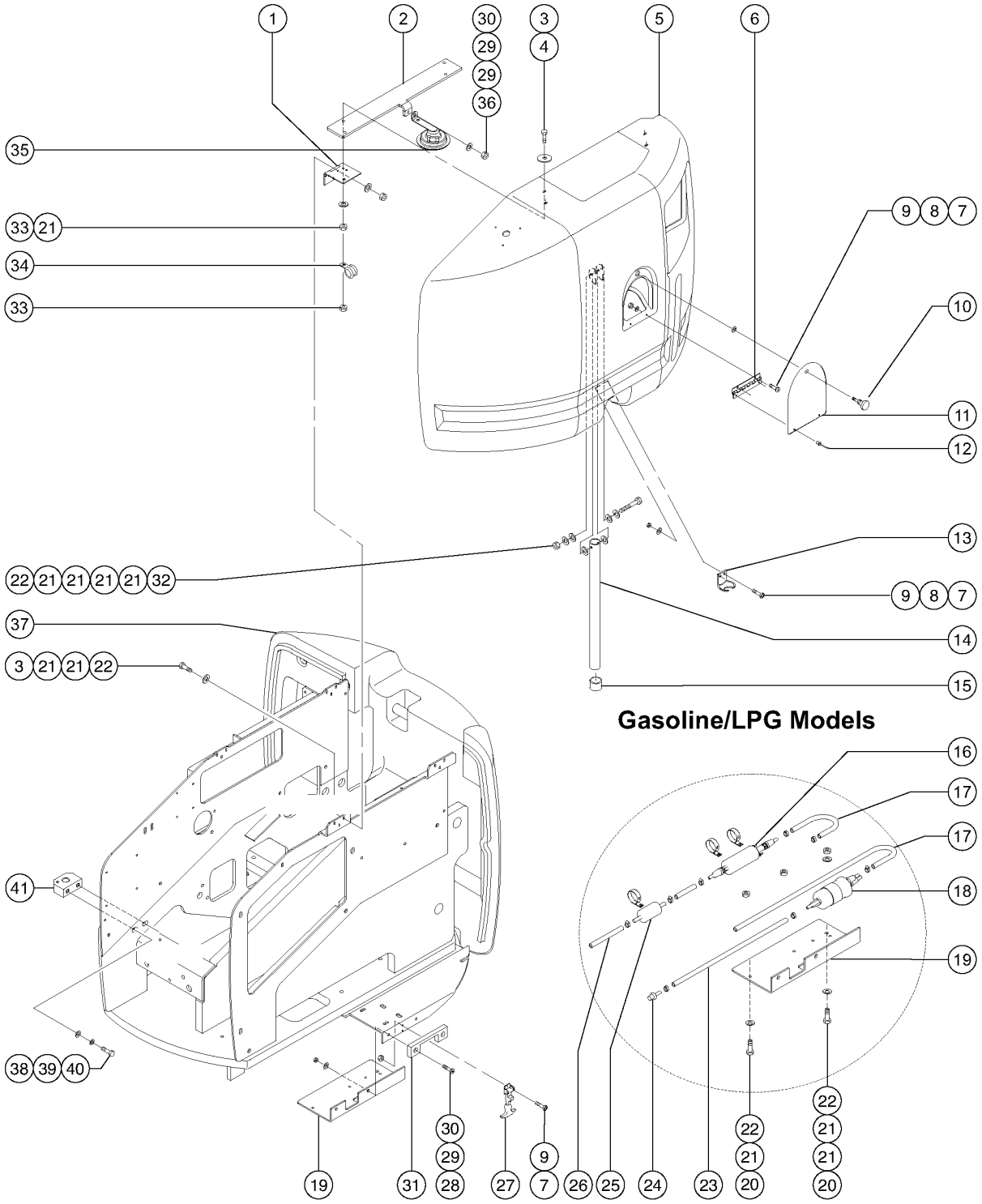
307.1 Turntable Covers, Tank Side (to SN 30141), Z-45/25



307.1 Turntable Covers, Tank Side (to SN 30141), Z-45/25

Item	Part No.	Description	Qty.
23	27089GT	HOSE,5/16 FUEL,SAE 30R7	1
24		CONN. BODY, 6.35 X 14.1, FORD (no longer available)	1
25	52179GT	FILTER, FUEL LRG 425/423 EFI	1
25-	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	
25-	27089GT	HOSE,5/16 FUEL,SAE 30R7	
26	27089GT	HOSE,5/16 FUEL,SAE 30R7	
27	45363GT	LATCH,FLEXIBLE	1
28	17712GT	SCREW,FHS,3/8-16 X 1.75	
29	5397GT	WASHER, FLAT, USS, 5/16-18	
30	4828GT	NUT, NYLOCK, 3/8-16	
31	54073GT	WEAR PAD,TANK SIDE BUMPER	1
32	6884GT	SCREW,HHC,1/4-20 X 2.5	
33	6889GT	NUT,LP NYLOCK,1/4-20	
34	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
35	81578GT	HORN,12VDC,SPADE TERMINALS*** from SN 27945	1
36	6175GT	SCREW,HHC,3/8-16 X 1	
37	60037GT	COUNTERWEIGHT,CAST,3500LBS	1
38	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	2
39	6036GT	WASHER,LOCK,.625 PLTD	
40	13064GT	WASHER,FLAT,.625 HARDENED	2
41	107805PGT	EAR, ENGINE TRAY PIVOT,PAINTED	1

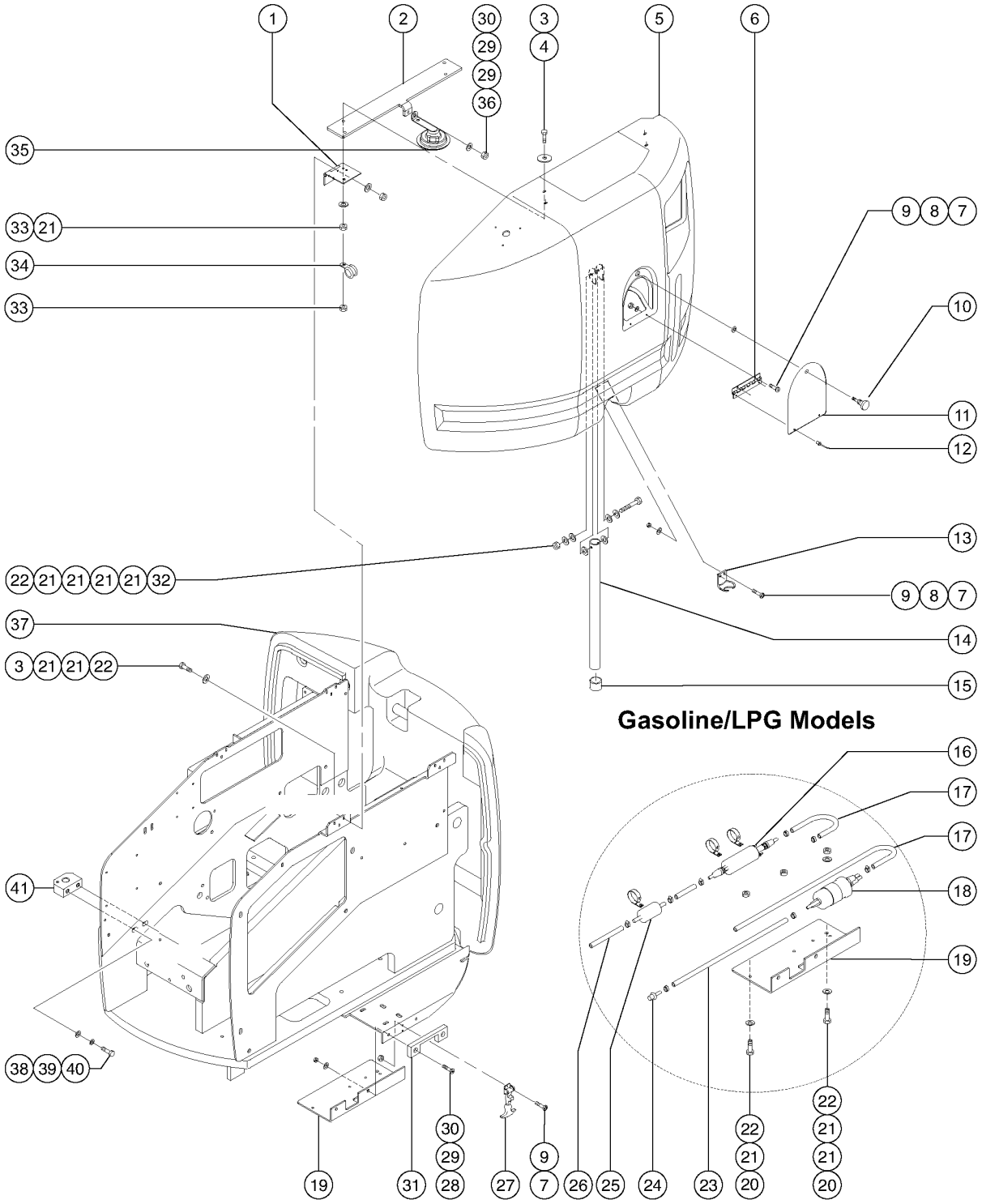
307.1 Turntable Covers, Tank Side (to SN 30141), Z-45/25J



307.1 Turntable Covers, Tank Side (to SN 30141), Z-45/25J

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	
5	52774-SGT	COVER ASSY.HYD.TANKSIDE,Z45/25	1
5-	101574GT	COVER,TRNTBL,RH,W/SYM DECALS	
6	50971GT	HINGE,FUEL DOOR	1
7	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
8	6146GT	WASHER,FLAT,MS,#10,Y	
9	6178GT	NUT, NYLOCK, 10-32	
10	54233GT	LATCH,FUEL DOOR	1
11	54230PGT	FUEL DOOR,IC TANK SIDE,PNTD***	1
12	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	
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	77219GT	PUMP, FUEL, LRG425, WALBRO	1
16-	65892GT	CONN. ASSY,7.9 TUBE X6.35 HOSE	
16-	65887GT	CLAMP,HOSE,1 EAR,1/2	
17	71909GT	HOSE,FUEL,5/16 HIGH PRESSURE**	1
18	58967GT	FUEL PRESSURE REG,425EFI***	1
18-	77356GT	CONN. ASSY,9.5 TUBE X6.35 HOSE	
18-	65887GT	CLAMP,HOSE,1 EAR,1/2	
18-	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	
19	77328PGT	PLATE,FUEL PUMP,FORD/WALBRO	1
20	6090GT	SCREW, HHC, 1/4-20 X .75	
21	6638GT	WASHER, FLAT, USS, 1/4"Y	
22	6091GT	NUT,NYLOCK,1/4-20	

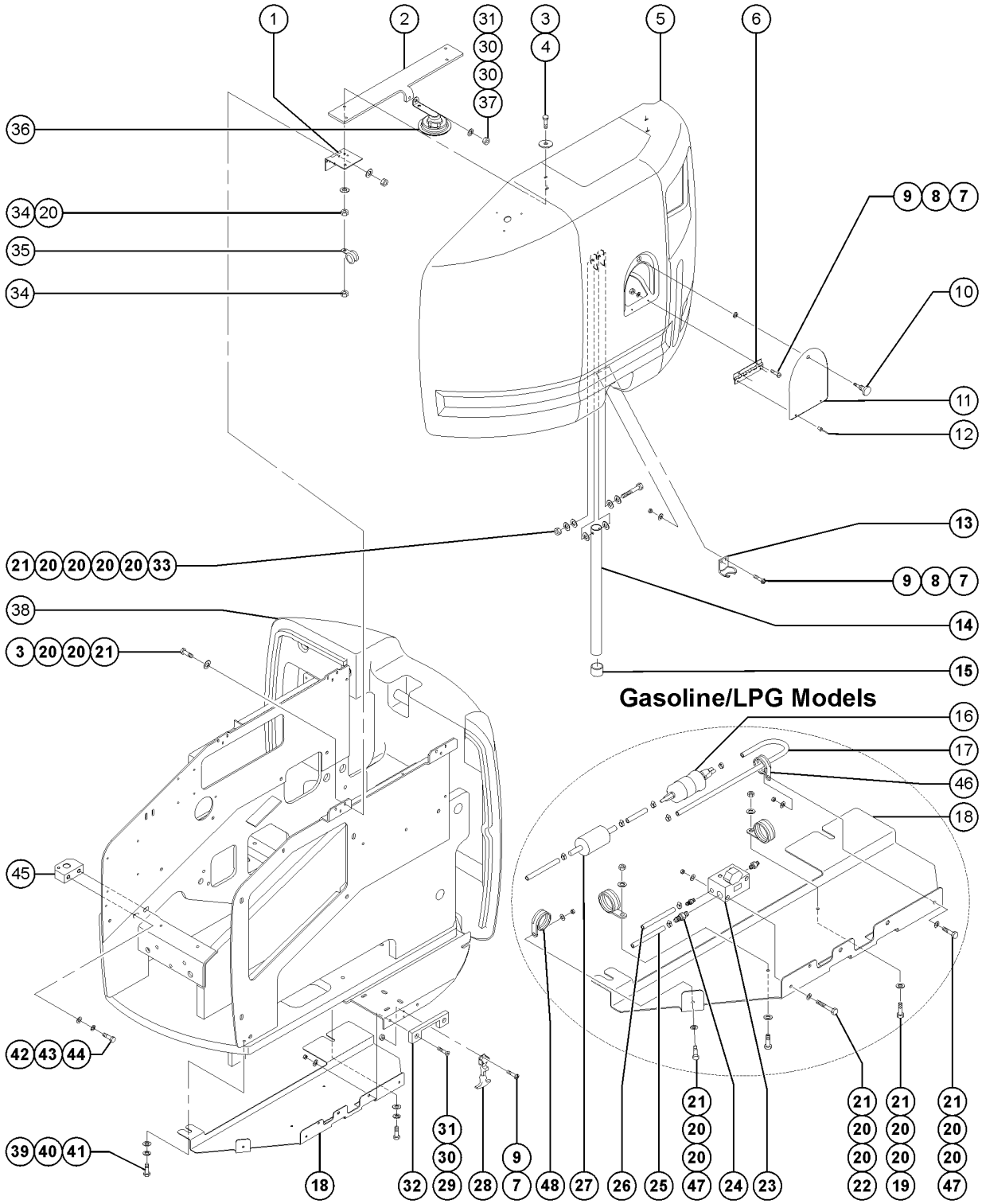
307.1 Turntable Covers, Tank Side (to SN 30141), Z-45/25J



307.1 Turntable Covers, Tank Side (to SN 30141), Z-45/25J

Item	Part No.	Description	Qty.
23	27089GT	HOSE,5/16 FUEL,SAE 30R7	1
24		CONN. BODY, 6.35 X 14.1, FORD (no longer available)	1
25	52179GT	FILTER, FUEL LRG 425/423 EFI	1
25-	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	
25-	27089GT	HOSE,5/16 FUEL,SAE 30R7	
26	27089GT	HOSE,5/16 FUEL,SAE 30R7	
27	45363GT	LATCH,FLEXIBLE	1
28	17712GT	SCREW,FHS,3/8-16 X 1.75	
29	5397GT	WASHER, FLAT, USS, 5/16-18	
30	4828GT	NUT, NYLOCK, 3/8-16	
31	54073GT	WEAR PAD,TANK SIDE BUMPER	1
32	6884GT	SCREW,HHC,1/4-20 X 2.5	
33	6889GT	NUT,LP NYLOCK,1/4-20	
34	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
35	81578GT	HORN,12VDC,SPADE TERMINALS***	1
36	6175GT	SCREW,HHC,3/8-16 X 1	
37	60037GT	COUNTERWEIGHT,CAST,3500LBS	
38	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	2
39	6036GT	WASHER,LOCK,.625 PLTD	
40	13064GT	WASHER,FLAT,.625 HARDENED	2
41	107805PGT	EAR, ENGINE TRAY PIVOT,PAINTED	1

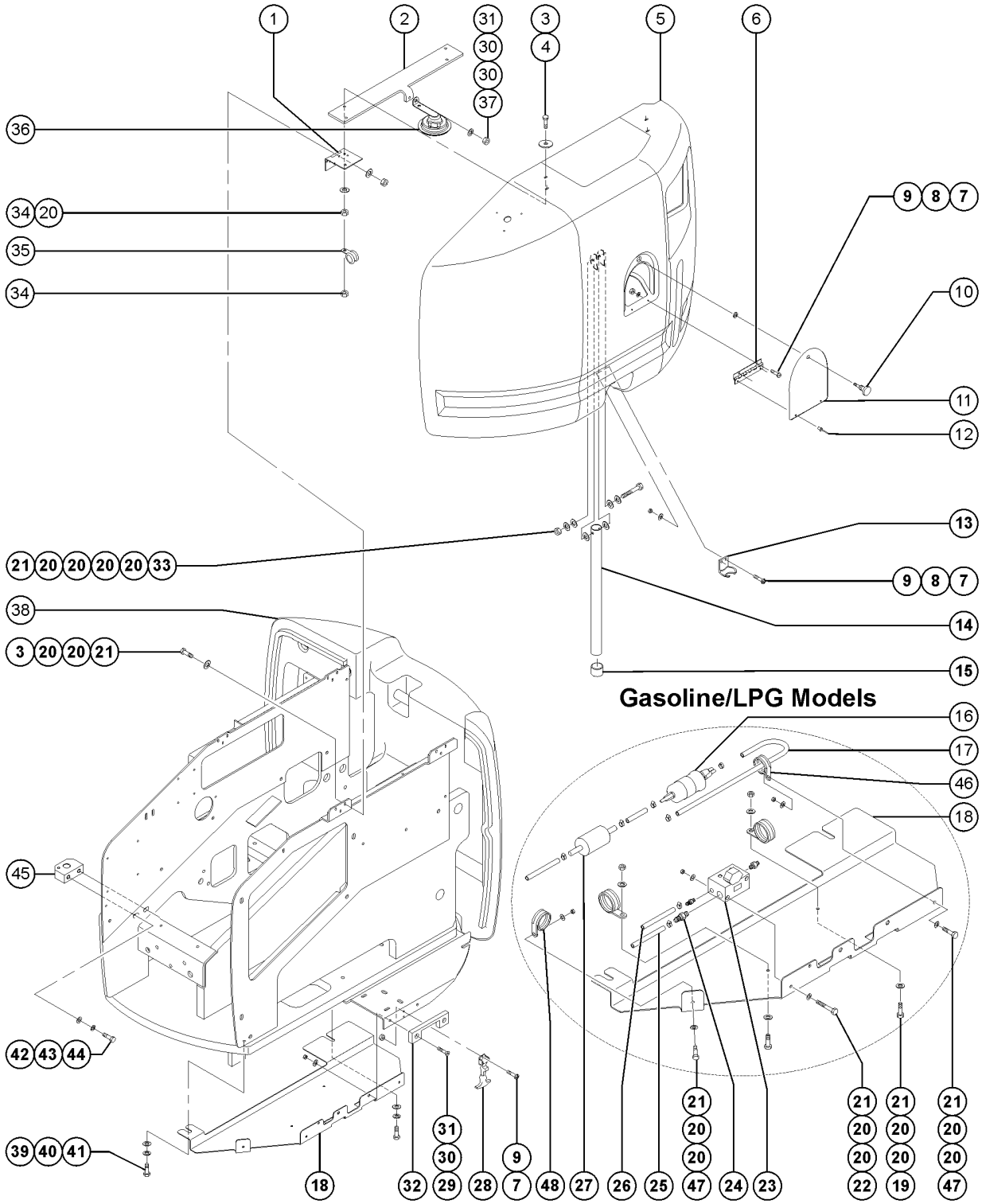
307.2 Turntable Covers, Tank Side (from SN 30142)



307.2 Turntable Covers, Tank Side (from SN 30142)

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	52774-SGT	COVER ASSY.HYD.TANKSIDE,Z45/25	1
5B	228783GT	ASSY,COVER,HYD TANK,Z45/51 IC Australia, from SN Z452511A-40580	
5C	101574GT	COVER,TRNTBL,RH,W/SYM DECALS	
6	50971GT	HINGE,FUEL DOOR to SN 33630	1
7	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
8	6146GT	WASHER,FLAT,MS,#10,Y	
9	6178GT	NUT, NYLOCK, 10-32	
10	54233GT	LATCH,FUEL DOOR to SN 33630	1
11	54230PGT	FUEL DOOR,IC TANK SIDE,PNTD*** to SN 33630	1
12	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD to SN 33630	
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	71909GT	HOSE,FUEL,5/16 HIGH PRESSURE**	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	
22	4266GT	SCREW,HHC,1/4-20 X 2	
23	119170GT	FUEL SENSOR ASSY.	1
23-	119483GT	FUEL JUMPER HARNESS	

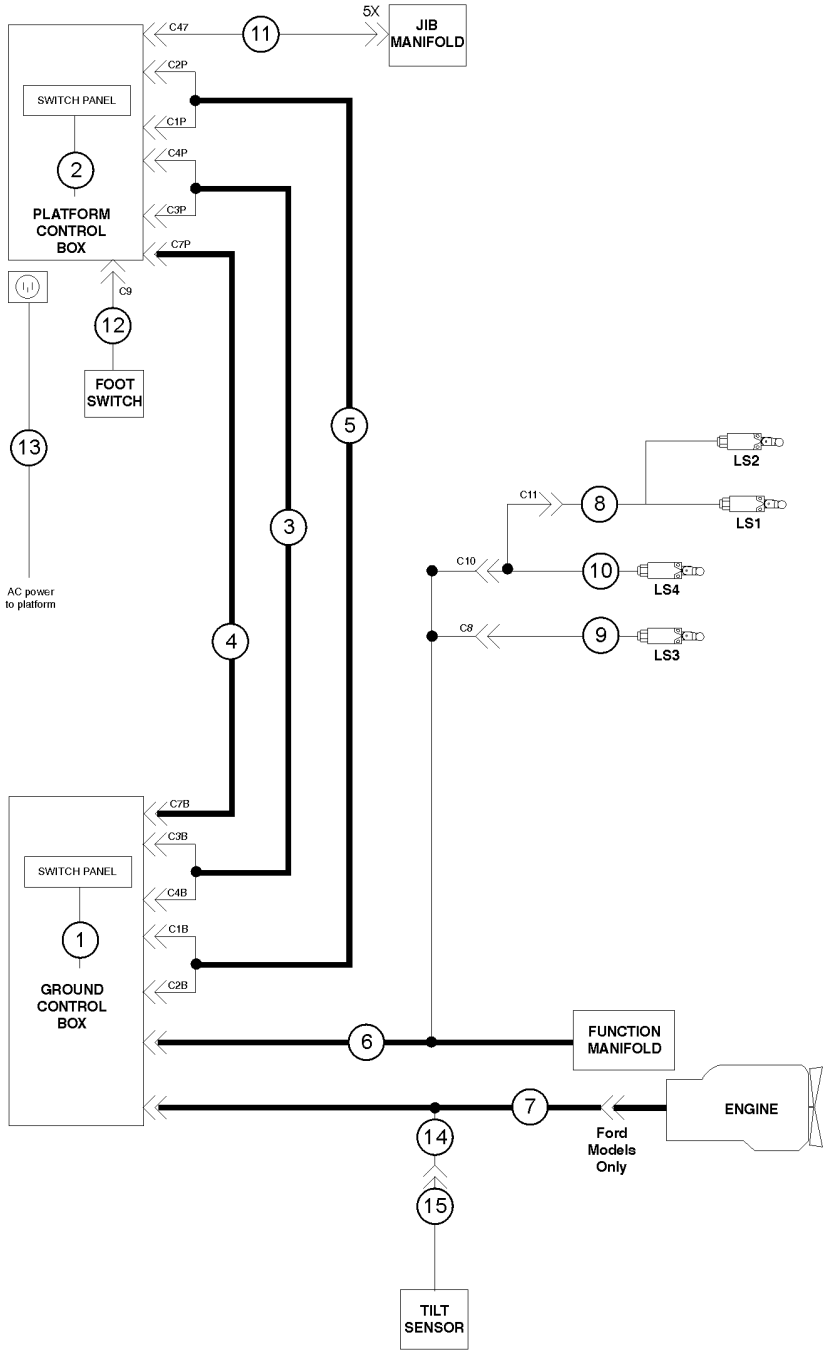
307.2 Turntable Covers, Tank Side (from SN 30142)



307.2 Turntable Covers, Tank Side (from SN 30142)

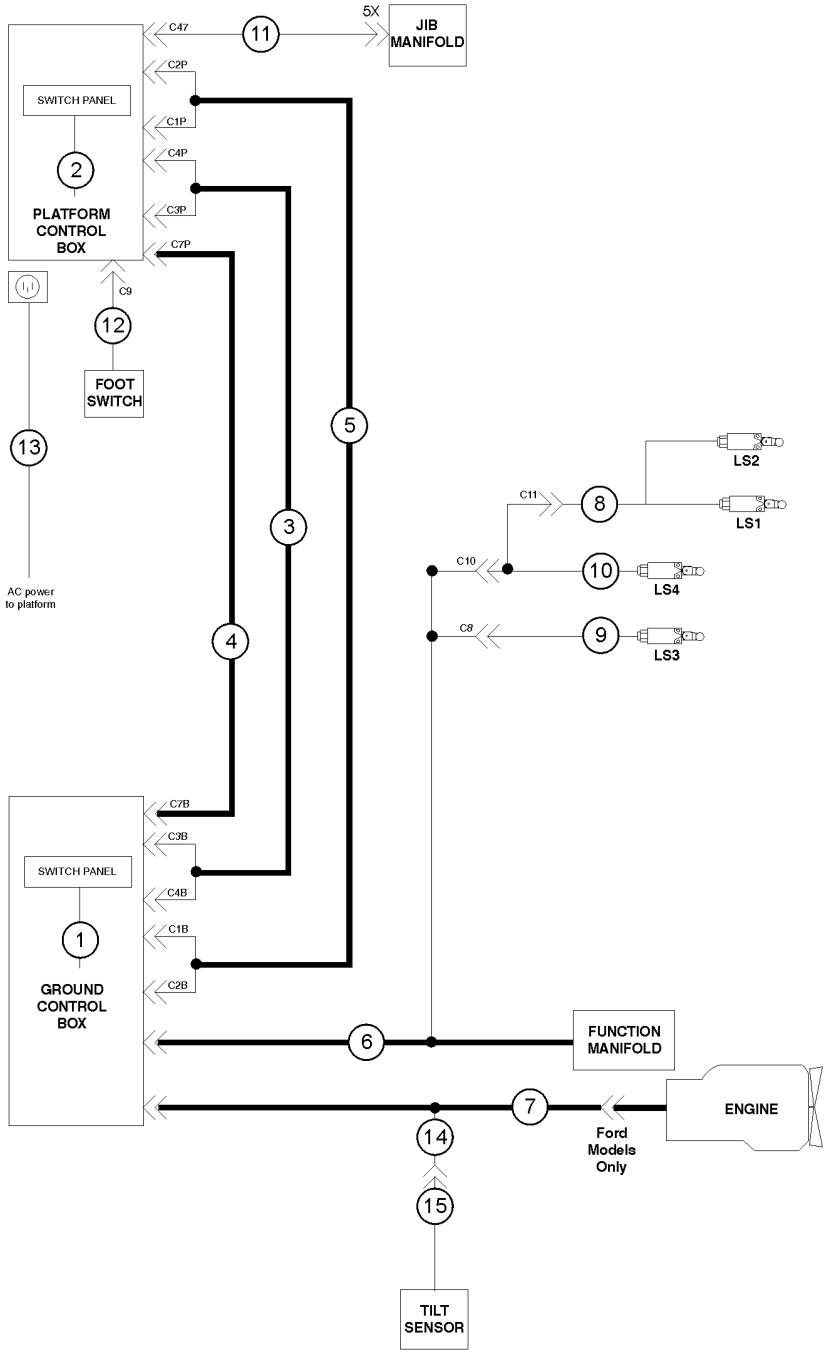
Item	Part No.	Description	Qty.
24		CONN. BODY, 6.35 X 14.1, FORD (no longer available)	1
25	27089GT	HOSE,5/16 FUEL,SAE 30R7	32
26	27089GT	HOSE,5/16 FUEL,SAE 30R7	31
27	1272019GT	FILTER, FUEL	1
27-	66031GT	CLAMP,1.88,#30 X 3/8,RUB CUSH	1
27-	27089GT	HOSE,5/16 FUEL,SAE 30R7	25
28	45363GT	LATCH,FLEXIBLE	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	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	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	2
43	6036GT	WASHER,LOCK,.625 PLTD	
44	13064GT	WASHER,FLAT,.625 HARDENED	2
45	107805PGT	EAR, ENGINE TRAY PIVOT,PAINTED	1
46	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
47	6888GT	SCREW, HHC, 1/4-20 X 1	
48	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	1

308.1 Wire Harness Diagram, Z-45/25



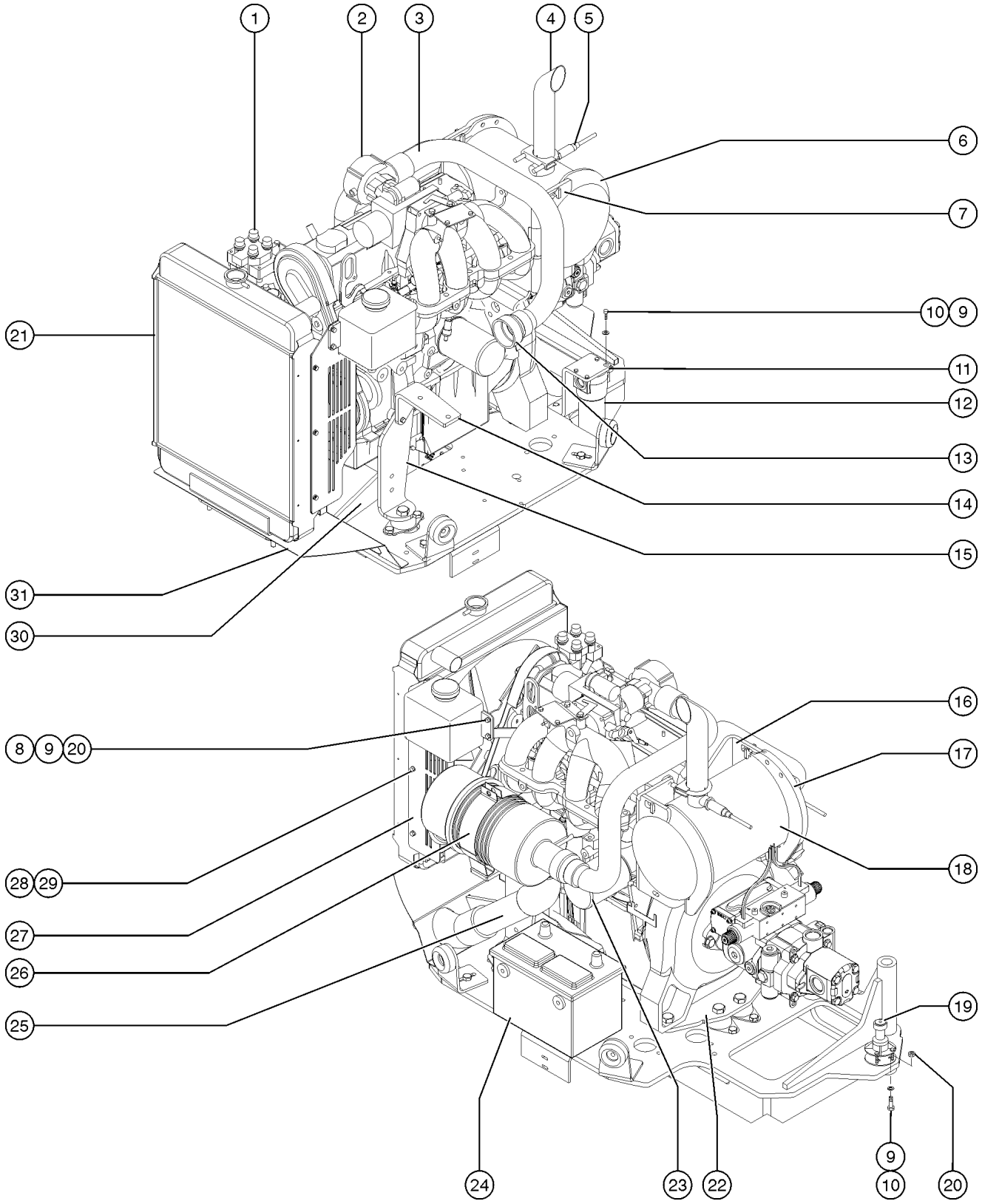
Item	Part No.	Description	Qty.
-	101191GT	WIRE LOOM,1"DIA.SLIT,HI TEMP	
-	119985GT	HARNESS,ALARM OPTION,Z45	
1	94679GT	HARNESS,GC BOX	1
2	T108153GT	HARNESS KIT,Z45/51 PLAT BOX includes three adapter cables	1
3A	88721-73000GT	HARNESS,18/19 BOOM CABLE #1 non-jib models; green and brown connectors	1
4A	88723-72700GT	HARNESS,12/3,12V TO PLAT non-jib models	1
5A	88722-73000GT	HARNESS,18/19,BOOM CABLE #2 non-jib models; gray and black connectors	1
6	107993GT	HARNESS,IC FUNCTION MANIFOLD	1
7	101887GT	HARNESS,FORD ENGINE EFI to SN 30141	1
7-	119034GT	HARNESS,FORD DSG423,Z45 from SN 30142 to SN 31093	1
7-	119776GT	HARNESS,FORD DSG423,Z45 from SN 31094	1
7-	101886GT	HARNESS,ENGINE,DEUTZ	1
7-	101849GT	HARNESS,PERKINS ENGINE*** to SN 27515	1
7-	110269GT	HARNESS PERKINS ENGINE Z45 ALT from SN 27516	1
8	88725GT	HARNESS,LS,PRIM/EXT	1
9	110160GT	HARNESS,LS,D.E. Z45	1
10	88724GT	HARNESS,LS,PRIM/EXT/SEC	1
11	101080GT	HARNESS,JIB SELECT MANIFOLD	1
11A	119867GT	WIRING KIT,JIB TIME DELAY IC	
11A-	43181GT	CAPACITOR,TIME DELAY	
11A-	19274GT	RELAY,SPDT,12V(AUTO)**	
12		REF: Foot Switch Assembly (refer to 601.1)	1
13	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	756
14	1260218GT	HARNESS,TILT ALARM,12V for CSA models from SN 27000	1
15	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN for CSA models with 6-pin connectors from SN 27000	1

308.2 Wire Harness Diagram, Z-45/25J



Item	Part No.	Description	Qty.
-	101191GT	WIRE LOOM,1"DIA.SLIT,HI TEMP	
1	94679GT	HARNESS,GC BOX	1
2	T108153GT	HARNESS KIT,Z45/51 PLAT BOX includes three adapter cables	1
3B	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 jib models; green and brown connectors	1
4B	88723-71000GT	HARNESS,12/3,12V TO PLAT jib models	1
5B	88722-72000GT	HARNESS,18/19,BOOM CABLE #2 jib models; gray and black connectors	1
6	107993GT	HARNESS,IC FUNCTION MANIFOLD	1
7	101887GT	HARNESS,FORD ENGINE EFI to SN 30141	1
7-	119034GT	HARNESS,FORD DSG423,Z45 from SN 30142 to SN 31093	1
7-	119776GT	HARNESS,FORD DSG423,Z45 from SN 31094	1
7-	101886GT	HARNESS,ENGINE,DEUTZ	1
7-	101849GT	HARNESS,PERKINS ENGINE*** to SN 27515	1
7-	110269GT	HARNESS PERKINS ENGINE Z45 ALT from SN 27516	1
8	88725GT	HARNESS,LS,PRIM/EXT	1
9	110160GT	HARNESS,LS,D.E. Z45	1
10	88724GT	HARNESS,LS,PRIM/EXT/SEC	1
11	101080GT	HARNESS,JIB SELECT MANIFOLD	1
11A	119867GT	WIRING KIT,JIB TIME DELAY IC	
11A-	43181GT	CAPACITOR,TIME DELAY	
11A-	19274GT	RELAY,SPDT,12V(AUTO)**	
12		REF: Foot Switch Assembly (refer to 602.1)	1
13	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	756
14	1260218GT	HARNESS,TILT ALARM,12V for CSA models from SN 27000	1
15	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN for CSA models with 6-pin connector from SN 27000	1

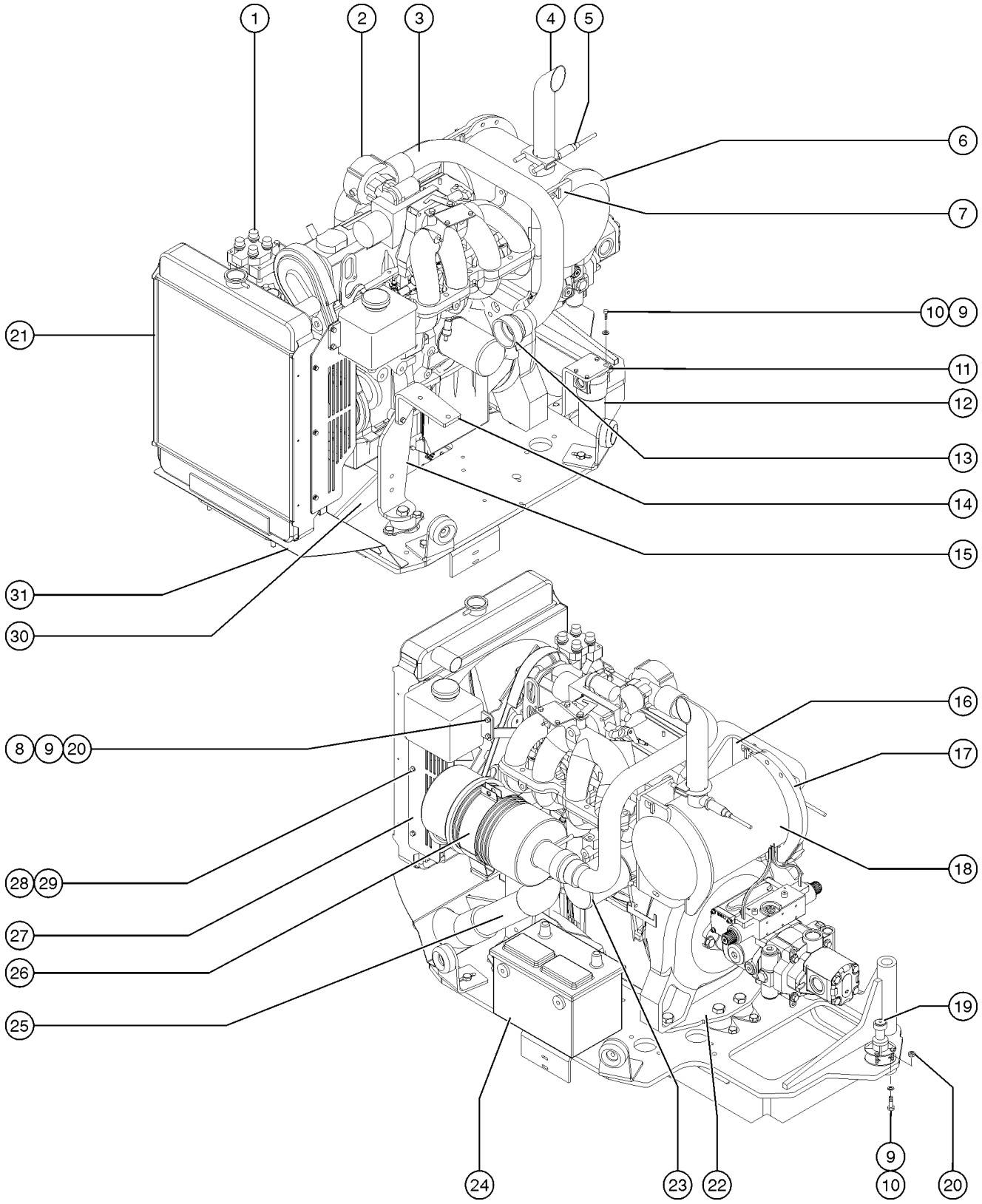
401.1 Ford LRG-425 EFI Engine - View 1 (to SN 30141)



401.1 Ford LRG-425 EFI Engine - View 1 (to SN 30141)

Item	Part No.	Description	Qty.
	65770GT	BELT,TIMING,FORD LRG423/425EFI	
	52570GT	SPARK PLUG WIRE SET, LRG425EFI	
	52656GT	FUEL INJECTOR, LRG-425 EFI	
	52652GT	SENSOR,AIR TEMP,LRG-425 EFI***	
	33972GT	SENSOR,COOLANT TEMP*	
	65456GT	SENDING UNIT-H20TMP LRG425EFI*	
	77114GT	SWITCH,OIL PRES.FORD,NORM.OPEN	
1	33970GT	COIL, ELECTRONIC IGN., FORD	1
2	106485GT	MIXER,AIR VALVE,TIER II FORD**	1
3	101063GT	TUBE,CLEAN AIR	1
4	94936GT	TAILPIPE,FORD	1
5	106486GT	SENSOR,AIR,CAT MONITOR***	1
6	101128PGT	FORMING,MUFFLER CLAMP, PAINTED	1
7	101127PGT	FORMING,LH MUFFLER SUPPORT PNT	1
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	8915GT	SCREW, HHC, 1/4-20 X 1.25	
11	50696PGT	BRACKET,MID PRES OIL FILTER,PA	1
12		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
12-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
12A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
12A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
13	70488GT	REDUCER,RUBBER 2.5 - 2	1
14	101064PGT	BRACKET,AIR CLEANER MOUNT PNTD	1
15	101118PGT	ENGINE MOUNT FOOT,LH PNTD	1
16	101126PGT	FORMING,RH MUFFLER SUP PAINTED	1
17	106271PGT	CLAMP,FORD MUFFLER,PAINTED	1
18	106178GT	WELDMENT,MUFFLER,FORD TIER2	1

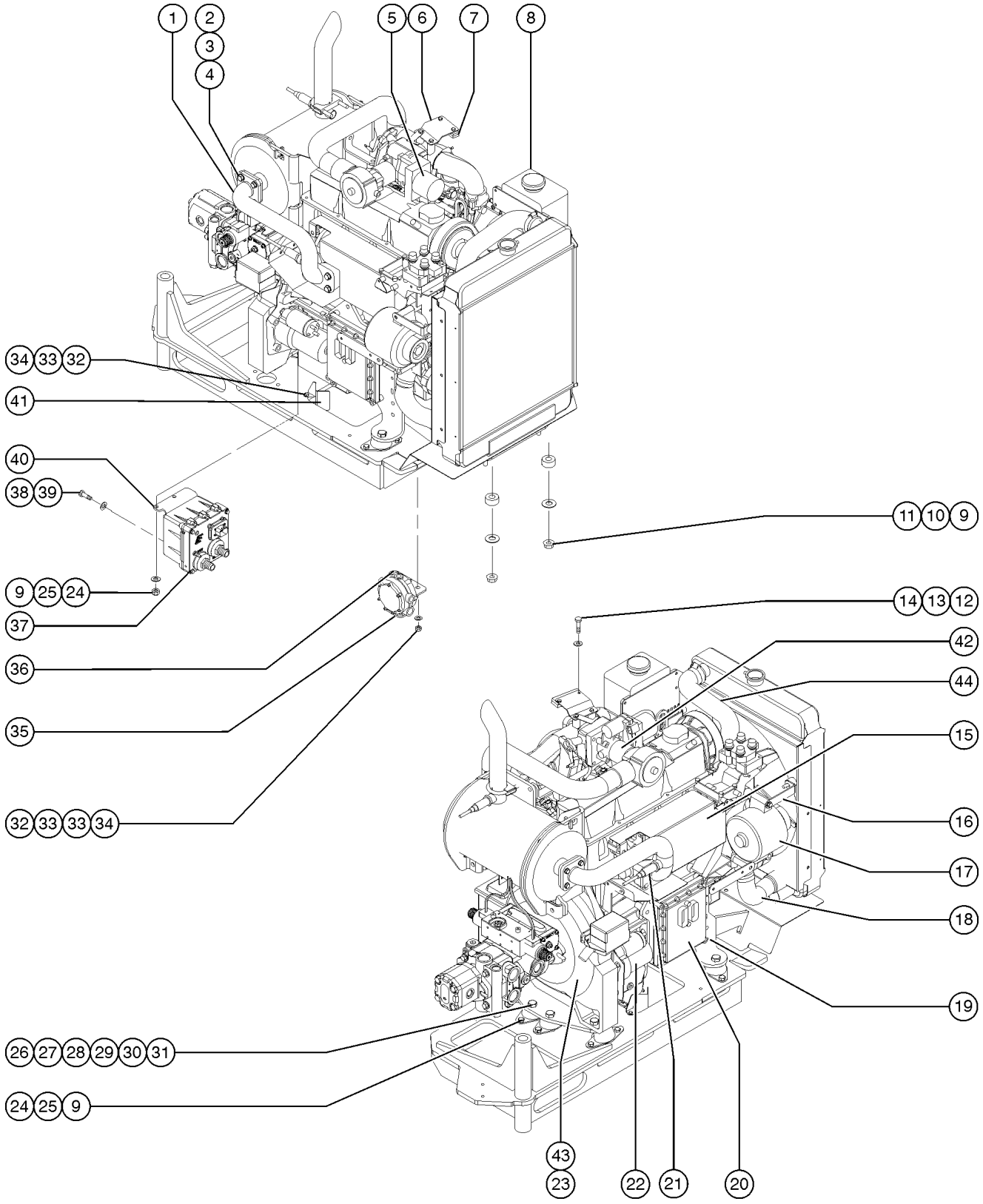
401.1 Ford LRG-425 EFI Engine - View 1 (to SN 30141)



401.1 Ford LRG-425 EFI Engine - View 1 (to SN 30141)

Item	Part No.	Description	Qty.
19		SENSOR,LEVEL refer to section 411.1	1
20	6091GT	NUT,NYLOCK,1/4-20	
21	110304GT	RADIATOR,FORD/PERKINS***	
22	101593PGT	MOUNT,REAR ENGINE PNTD	1
23	28656GT	FILTER,OIL,FORD Genie genuine part	1
23-	1259054GT	FILTER, OIL, FORD Genie aftermarket part	
24	36872GT	BATTERY, 12V	1
24-	T107827GT	BATTERY HOLD DOWN	1
25	94324GT	TUBE,RD,STL,ALUMIZD,2.5 X .065	8 inches
25-	33361GT	ELBOW,45 DEGR,RUBBER,2.5"I.D.	
25-	60036GT	HOSE,AIR INTAKE,FORD EFI*** No longer available	
26	111634GT	AIR CLEANER,FORD,T3	1
26-	227988GT	VACUATOR VALVE	
26-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
26-	53952GT	BRKT,AIR CLEANER ORIENTATION**	
26-	77295GT	FILTER ELEMENT,AIR,NOLFF LPG	
26-	58247GT	AIR CLEANER CAP/ FORD/NOLFF***	
26-	1277991GT	CLIP,AIR CLEANER COVER (58247) for 58247	
27	101151PGT	GUARD,FAN,FORD GAS** PNTD	1
28	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
29	6146GT	WASHER,FLAT,MS,#10,Y	
30	101121PGT	FORMING,RADIATOR SUP PNTD	1
31	101124GT	FORMING,AIR BAFFLE,LOWER,FORD	1

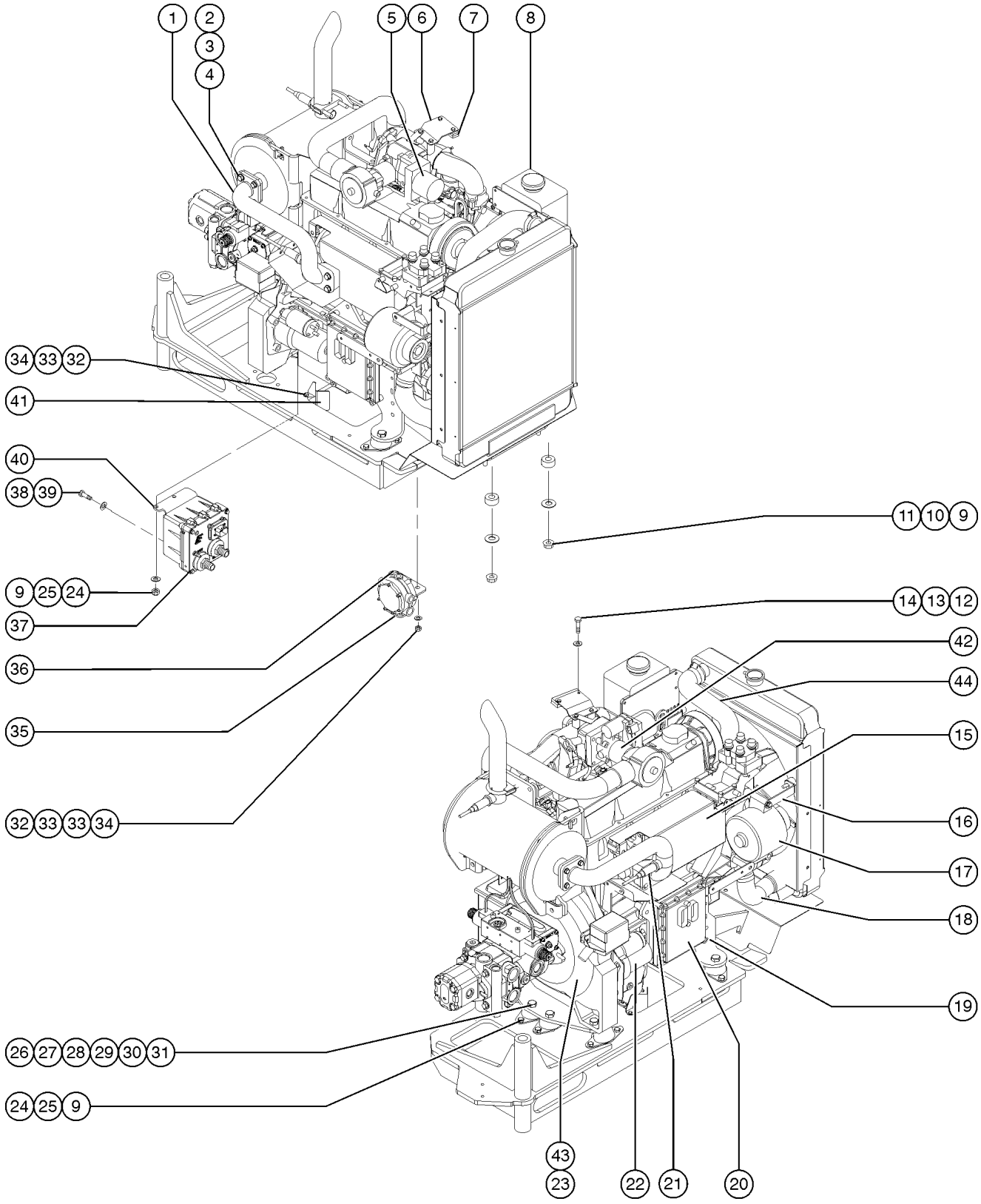
402.1 Ford LRG-425 EFI Engine - View 2 (to SN 30141)



402.1 Ford LRG-425 EFI Engine - View 2 (to SN 30141)

Item	Part No.	Description	Qty.
1	94931GT	WELDMENT,HEADER PIPE	1
2	13000GT	SCREW,HHC,5/16-18 X 1.25	
3	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	1
4	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
5	88451GT	THROTTLE ACTUATOR*(BOSCH)	1
5-	88452GT	GASKET,THROTTLE ACTUATOR***	
6	54531PGT	BRACKET,MAP SENSOR,PAINTED	1
7	49898GT	MAP SENSOR, EFI	1
8	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
8-	72327GT	CAP, COOLANT RET SYS(54071)	
9	4828GT	NUT, NYLOCK, 3/8-16	
10	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
11	24038GT	SHOCK MOUNT,SMALL	4
12	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
13	6146GT	WASHER,FLAT,MS,#10,Y	
14	6178GT	NUT, NYLOCK, 10-32	
15	101998GT	HEAT SHIELD,EXHAUST MANIFOLD**	1
16	101123PGT	FORMING,STRUT,RH RADIATOR PNTD	1
16-	101122PGT	FORMING,STRUT.LH RADIATOR PNTD	
16-	219437GT	ISOLATOR,VIBRATION	
17	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
18	77170GT	HOSE,LOWER RADIATOR,Z45	1
18-	22672GT	CLAMP,HOSE,1.75	
19	101119PGT	ENGINE MOUNT FOOT,RH PNTD	1
20		ENGINE PERFORMANCE MODULE T2** (no longer available)	1
20-		HARNESS,ENGINE W/RELAY BOX T2 no longer available	
20-	128903GT	JUMPER,THROTTLE BODY,FORD 2.5L	
21	88450GT	SENSOR,OXYGEN LRG425EFI	1

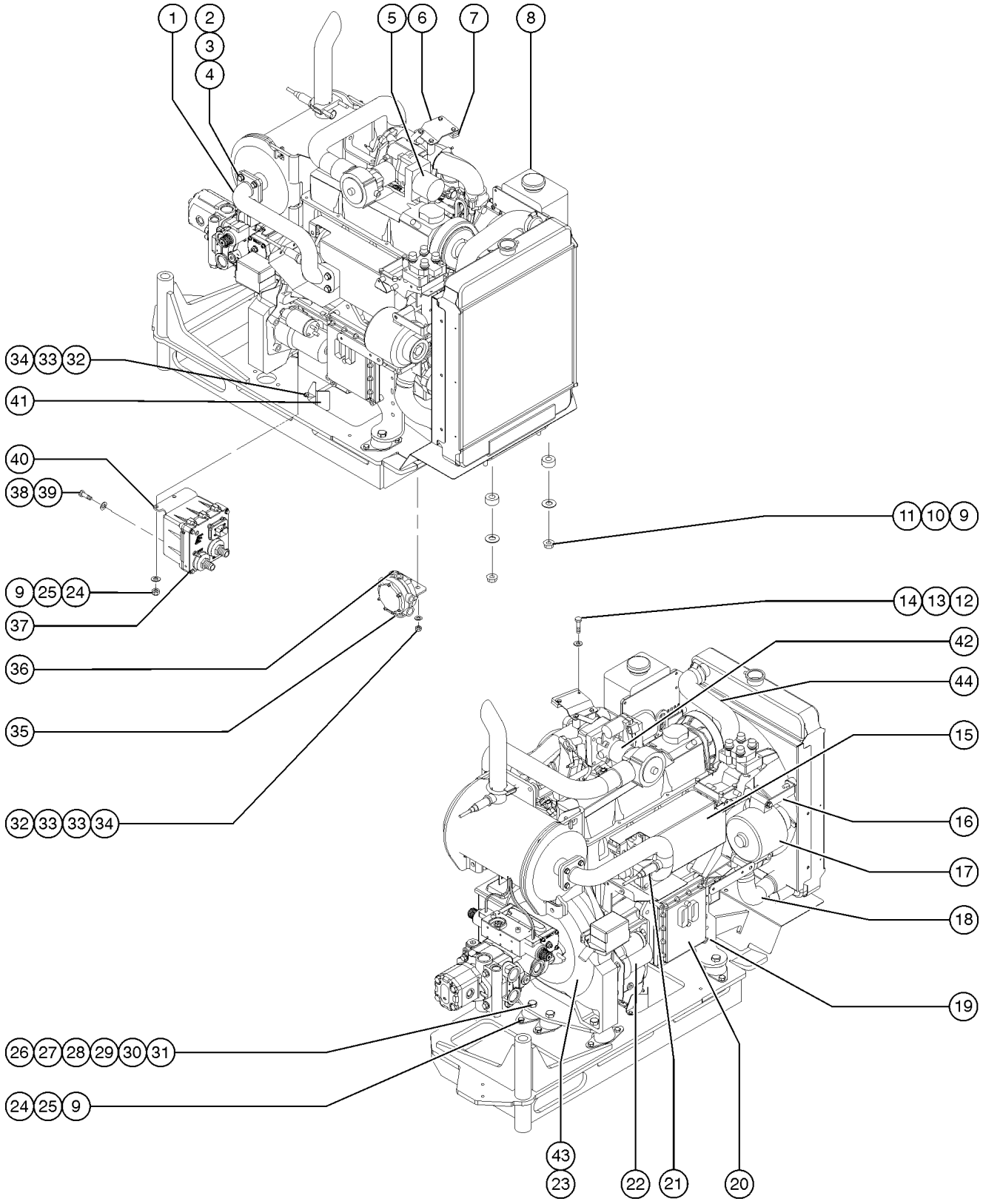
402.1 Ford LRG-425 EFI Engine - View 2 (to SN 30141)



402.1 Ford LRG-425 EFI Engine - View 2 (to SN 30141)

Item	Part No.	Description	Qty.
22	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
22	29606GT	RING GEAR,FORD***	1
23	64079GT	BELL HOUSING KIT, FORD 425EFI kit includes; 89811 Pump Mount Housing, 89813 Flex Plate, 37003 15 tooth Hub Coupler, and 102136 Screws 7/16-14 X 1.25	1
23-	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
23-	128021GT	KIT,FBA STYLE COUPLER,FORD	1
24	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
25	5397GT	WASHER, FLAT, USS, 5/16-18	
26	8357GT	SCREW, HHC, 1/2-13 X 3.5	
27	6095GT	WASHER,FLAT,USS,1/2",Y	
28	101730GT	SPACER,ENGINE MOUNT	2
29	101729GT	WASHER,VIBRATION ISOLATING	2
30	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	
31	6198GT	NUT, NYLOCK, 1/2-13	
32	6091GT	NUT,NYLOCK,1/4-20	
33	6638GT	WASHER, FLAT, USS, 1/4"Y	
34	6888GT	SCREW, HHC, 1/4-20 X 1	
35	70525GT	REGULATOR,LPG	1
35A	88757GT	VALVE,LP LOCKOUT W/CONN***	
36	101999PGT	FORMING,LP REGULATOR PNTD	1
36A	102119GT	HOSE,3/4,LP from regulator to mixer	as needed
37	70527GT	MEGAJECTOR,FUEL KIT	1
38	49376GT	SCREW,HHC,M6 X 25	
39	25926GT	WASHER,FLAT,M6 PLTD.	
40	101295GT	BRACKET,REG/MJ CONNECTOR MOUNT	1
41	106197PGT	DEFLECTOR,OIL DRAIN PAINTED	1
42	80825-200GT	HOSE,2.0"ID X 2.0" LG	2
43	89813GT	FLEX PLATE,COUPLER (64079)	1

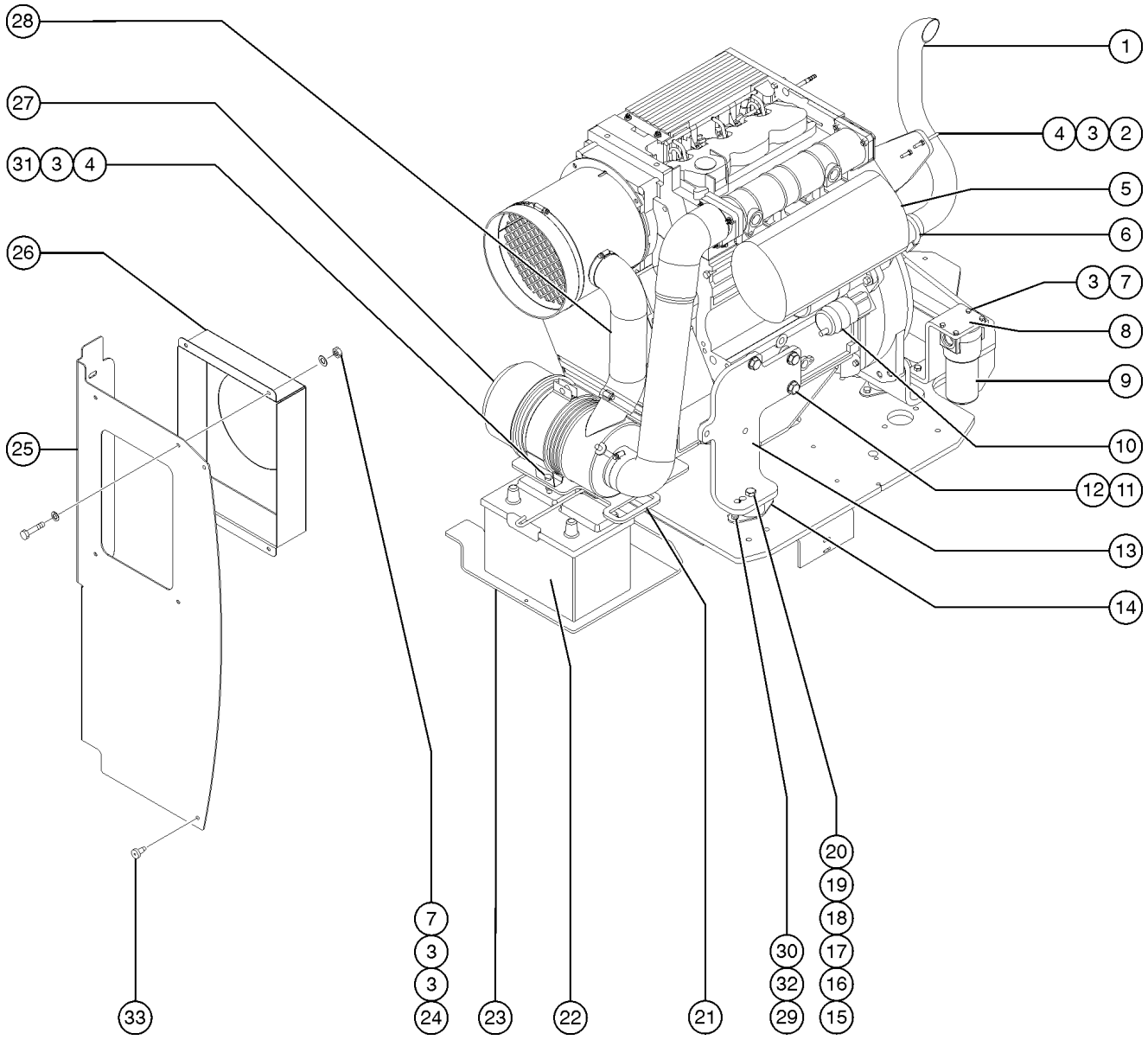
402.1 Ford LRG-425 EFI Engine - View 2 (to SN 30141)



402.1 Ford LRG-425 EFI Engine - View 2 (to SN 30141)

Item	Part No.	Description	Qty.
44	54862GT	HOSE,UPPER RADIATOR,Z45	1
44-	22672GT	CLAMP,HOSE,1.75	

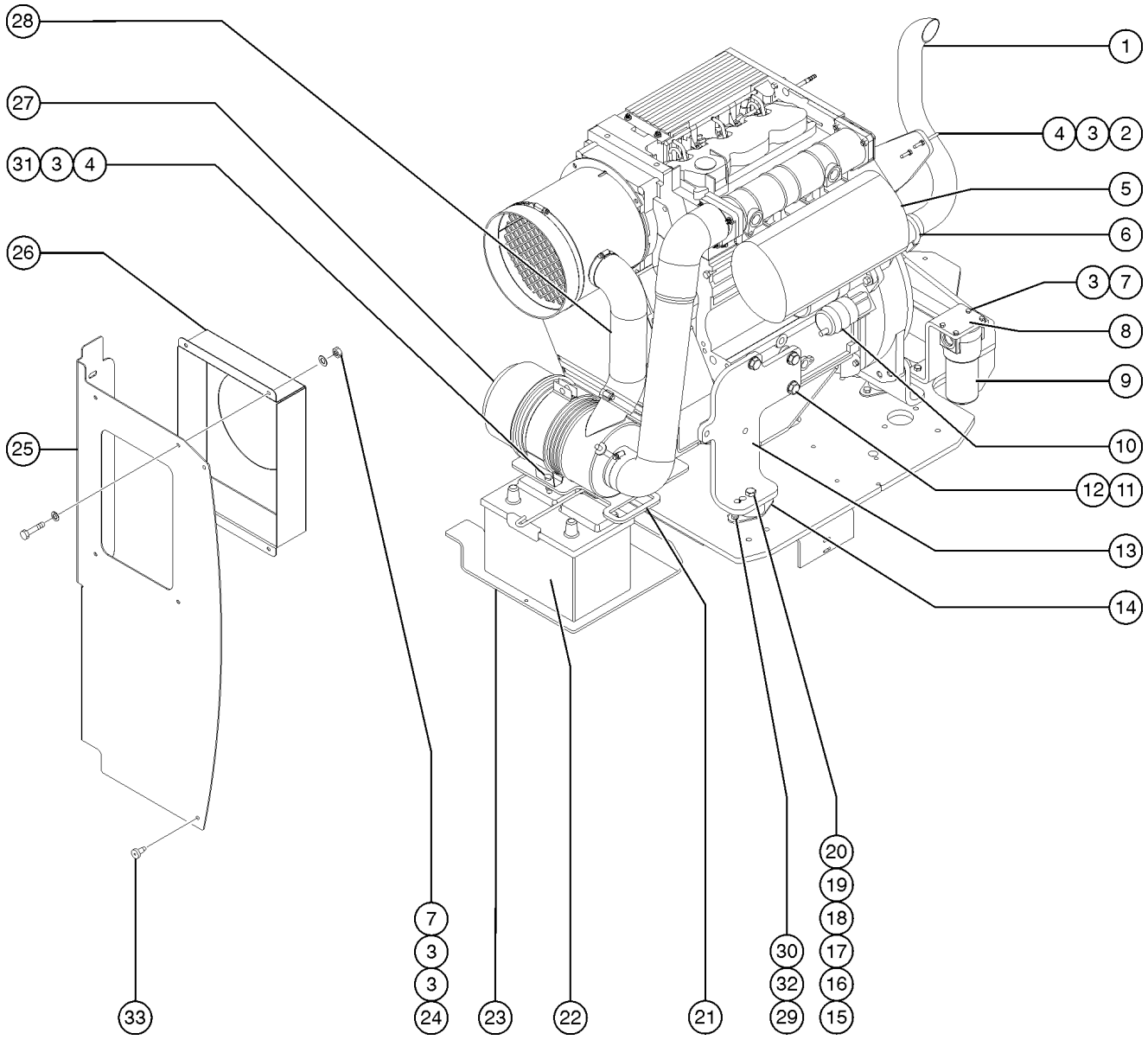
403.1 Deutz F3L 2011/ D2011L03i Engine - View 1



403.1 Deutz F3L 2011/ D2011L03i Engine - View 1

Item	Part No.	Description	Qty.
	122399GT	HARNESS, TD2011L04I, DEUTZ Deutz Engines (connects the ECU to the Alternator)	
	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*	
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
18	101729GT	WASHER,VIBRATION ISOLATING	2

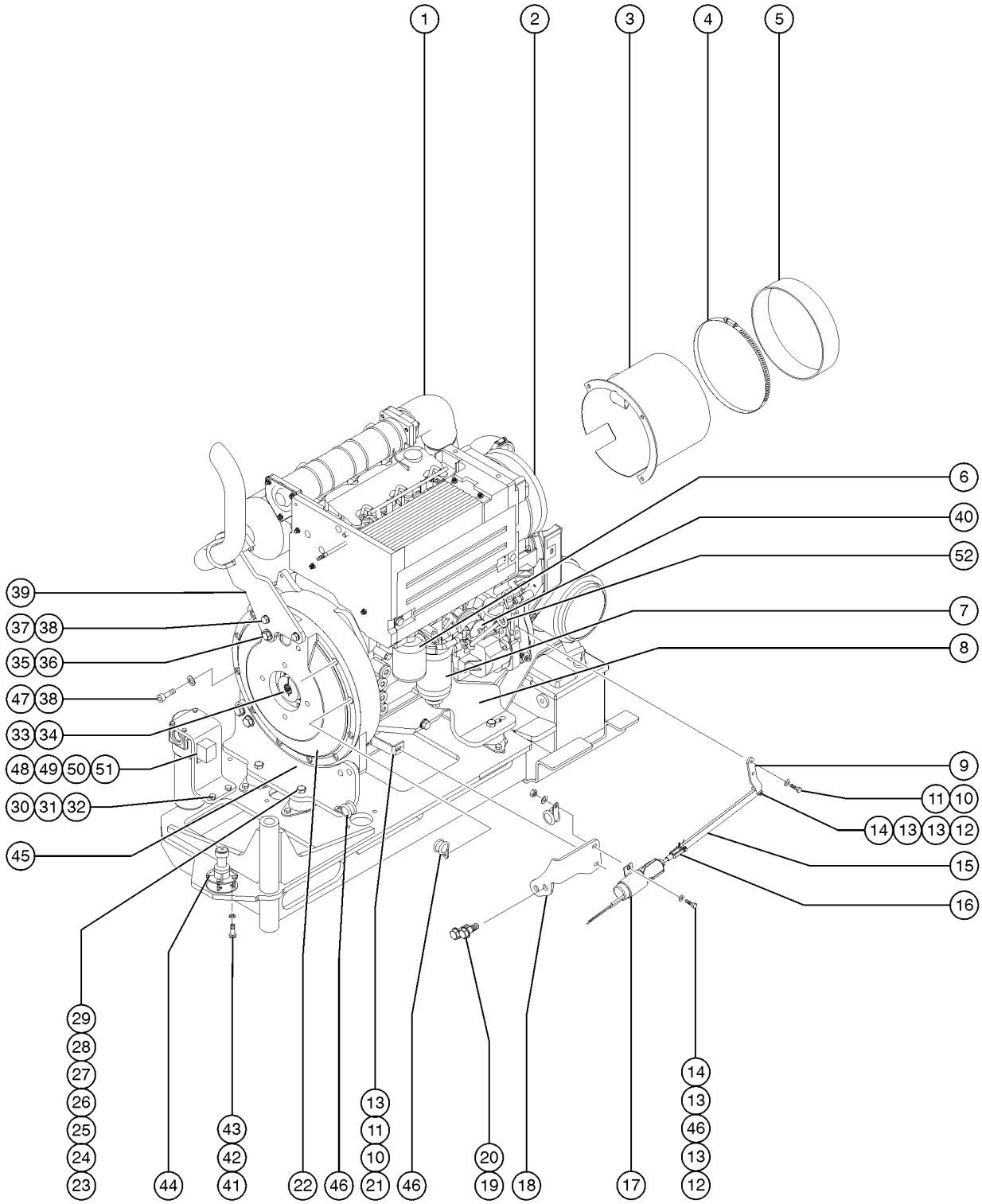
403.1 Deutz F3L 2011/ D2011L03i Engine - View 1



403.1 Deutz F3L 2011/ D2011L03i Engine - View 1

Item	Part No.	Description	Qty.
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

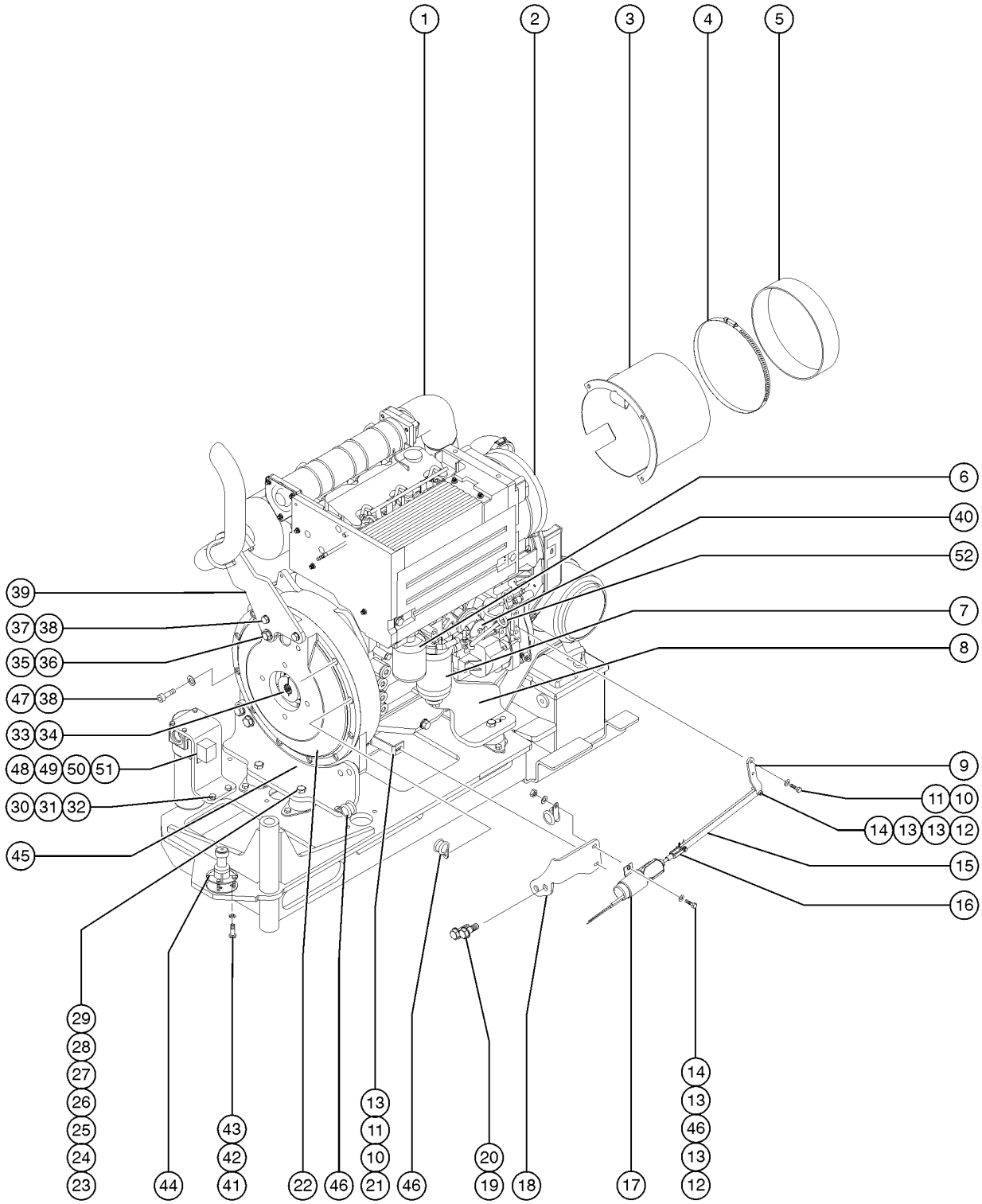
404.1 Deutz F3L 2011/ D2011L03i Engine - View 2



404.1 Deutz F3L 2011/ D2011L03i Engine - View 2

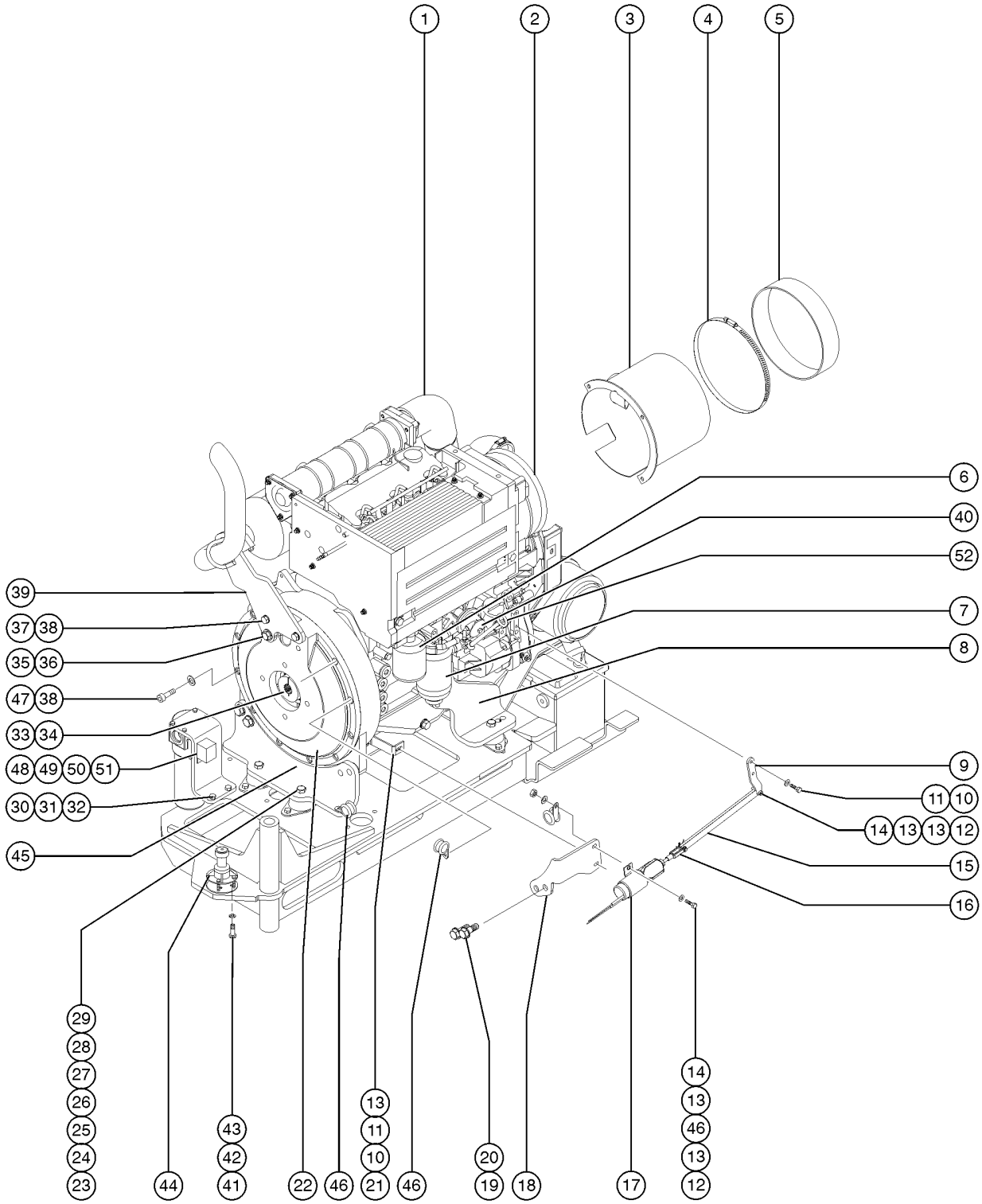
Item	Part No.	Description	Qty.
A-	89780GT	FUEL LINE, DEUTZ F3L 2011F,1 METER LG	
B-	52352GT	DIPSTICK-F3L1011F (DEUTZ) verify letter code (A, B, C or D) before ordering	
C-	89792GT	INJECTOR, FUEL(DEUTZ F3L2011F)	
C-	1288561GT	O-RING,FUEL INJECTOR,DEUTZ (89792) for 89792	
D-	102588GT	OIL TEMP SENSOR, DEUTZ 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 (must order cable assembly, 58256, if replacing 32752) (includes o-ring)	1
H-	58256GT	SOLENOID CABLE ASSY***	
J-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* (does not include diode, 45782)	
K-	56445GT	DIODE,6 AMP 200 PIV,REEL	
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	

404.1 Deutz F3L 2011/ D2011L03i Engine - View 2



Item	Part No.	Description	Qty.
15	94485GT	THROTTLE LINKAGE,DIESEL***	1
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	

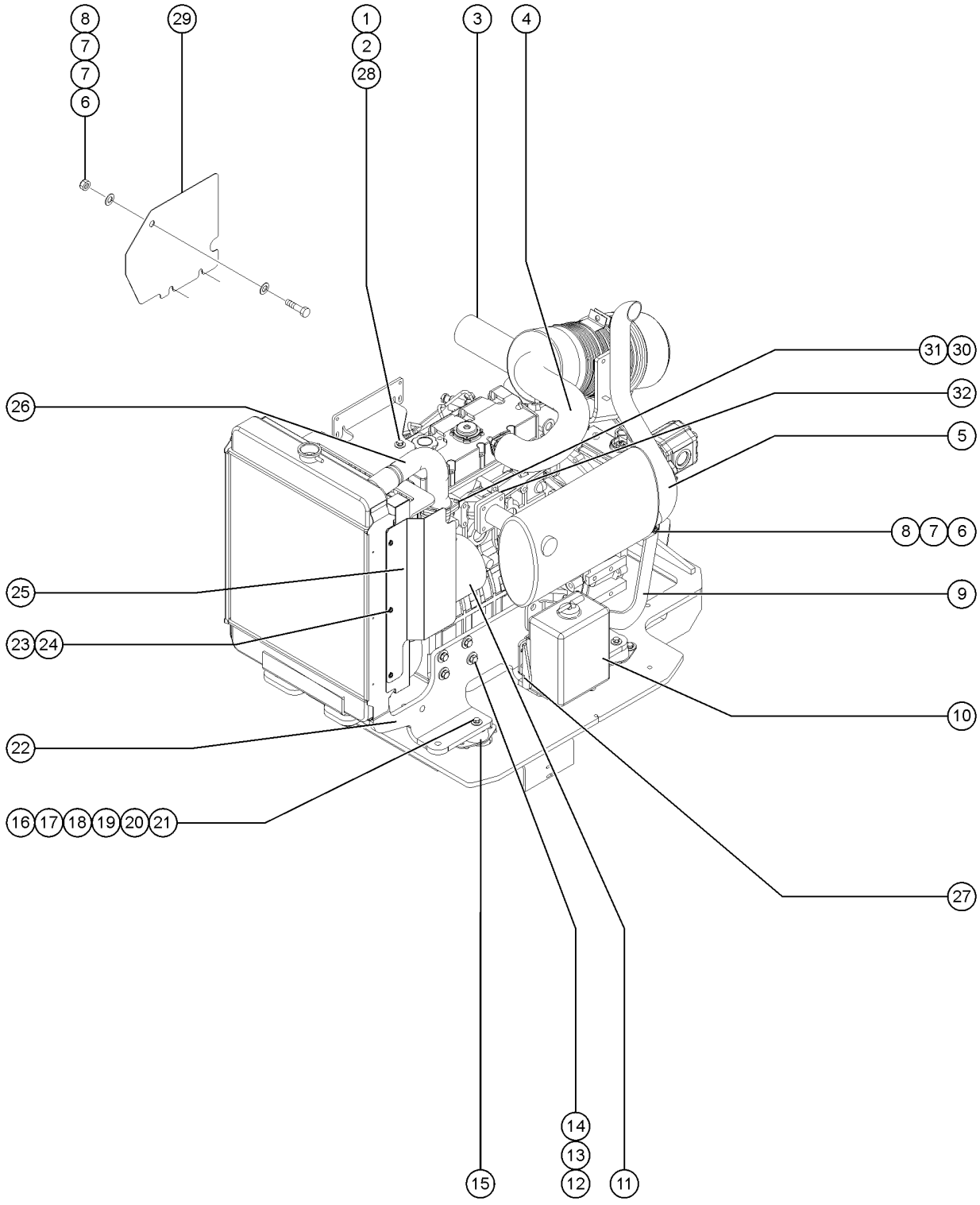
404.1 Deutz F3L 2011/ D2011L03i Engine - View 2



404.1 Deutz F3L 2011/ D2011L03i Engine - View 2

Item	Part No.	Description	Qty.
41	8915GT	SCREW, HHC, 1/4-20 X 1.25	
42	6638GT	WASHER, FLAT, USS, 1/4"Y	
43	6091GT	NUT,NYLOCK,1/4-20	
44		SENSOR,LEVEL refer to section 411.1	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	52352GT	DIPSTICK-F3L1011F (DEUTZ) to SN 32709	1
52	147243GT	DIPSTICK, OIL, D2011 from SN 32710	
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	

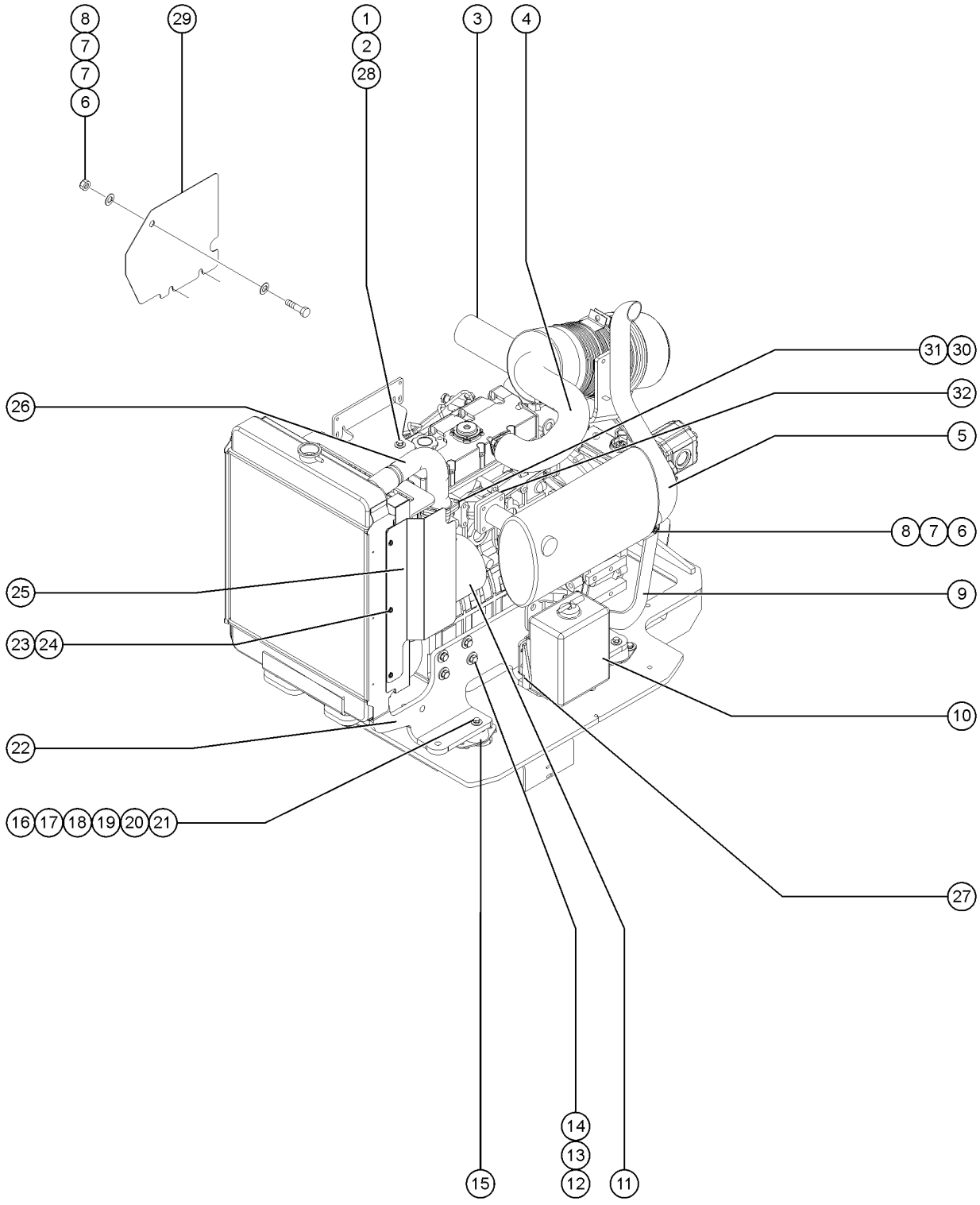
405.1 Perkins 404-22 Engine - View 1



405.1 Perkins 404-22 Engine - View 1

Item	Part No.	Description	Qty.
	128831GT	ENGINE,PERKINS,DIESEL 404D-22 Tier III	
	147348GT	SEAL-VALVE SYSTEM (A) (for 70253 engine)	
	147350GT	GASKET-CYLINDER HEAD (for 70253 engine)	
	147351GT	SEAL-ROCKER BOX (for 70253 engine)	
	147352GT	SEAL-INJECTOR (for 70253 engine)	
	147353GT	SEAL-INJECTOR (for 70253 engine)	
	147355GT	GASKET-THERMOSTAT HSG (for 70253 engine)	
	1262585GT	STARTER MOTOR,PERKINS 404D	
	111028GT	SWITCH,WATER TEMP,PRKNS,404***	
	85155GT	PUMP,PRIMER,PERKINS***	
	89763GT	PUMP WATER (PERKINS 404)***	
	58354GT	GASKET,WATER PUMP for 89763	
	72348GT	PUMP,LIFT(FUEL) PERKINS(54555)	
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	72342GT	ALTERNATOR, PERKINS (54555) to SN 27515	1
11-	111029GT	ALTERNATOR,65 AMP,PERKINS 404 from SN 27516	1
12	54687GT	SCREW,HHC,M14 X 1.5X40MM,GR8.8	

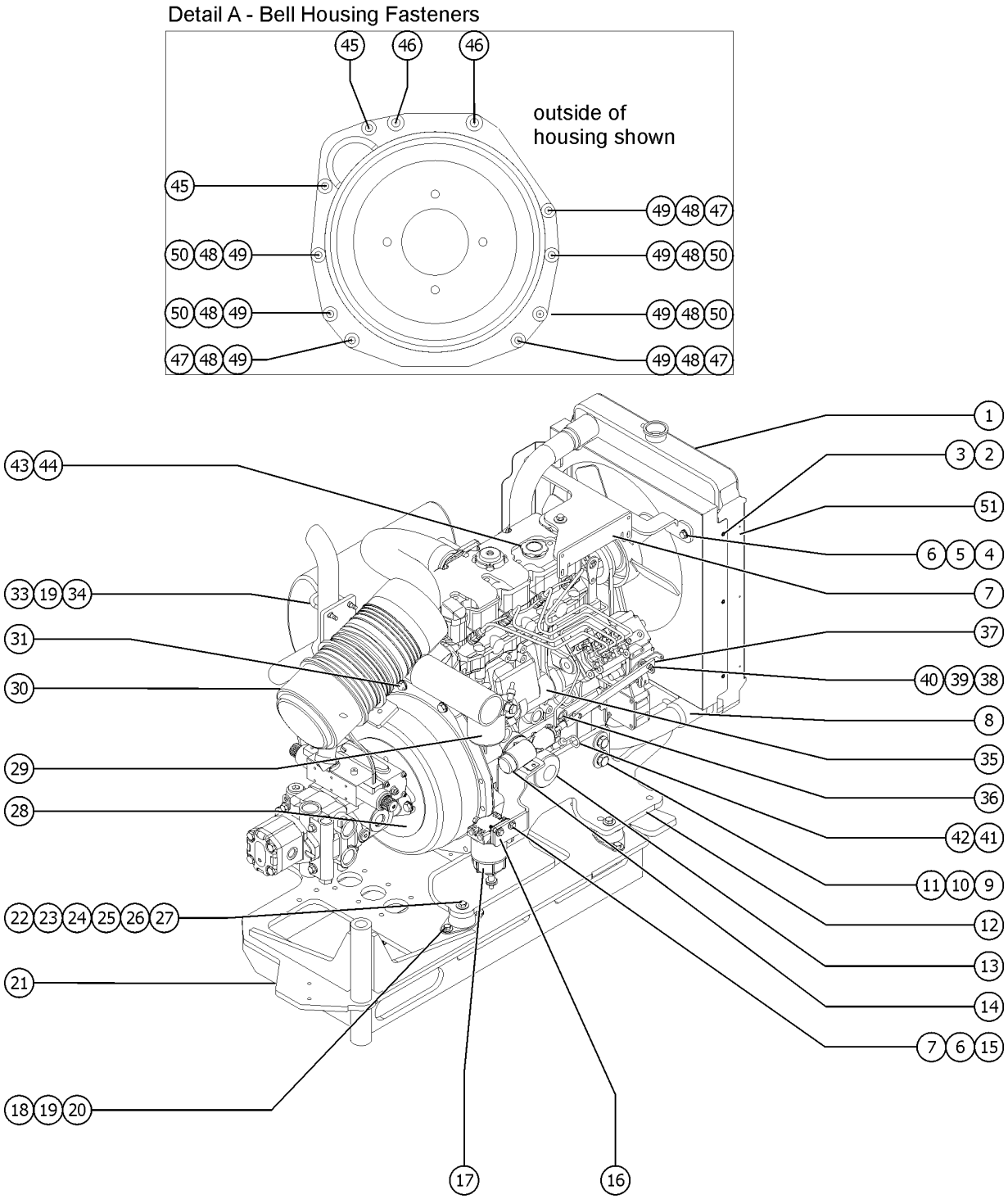
405.1 Perkins 404-22 Engine - View 1



405.1 Perkins 404-22 Engine - View 1

Item	Part No.	Description	Qty.
13	37505GT	WASHER,LOCK,M14	
14	49411GT	WASHER,FLAT,M14	
15	70452GT	ISOLATOR,ENGINE VIBRATION	4
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 plate mounts to swing chassis	1
30	77476GT	HOUSING,THERMOSTAT,PERKINS 104	1
31	77478GT	THERMOSTAT (PERKINS 104-22)	1
32	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	1

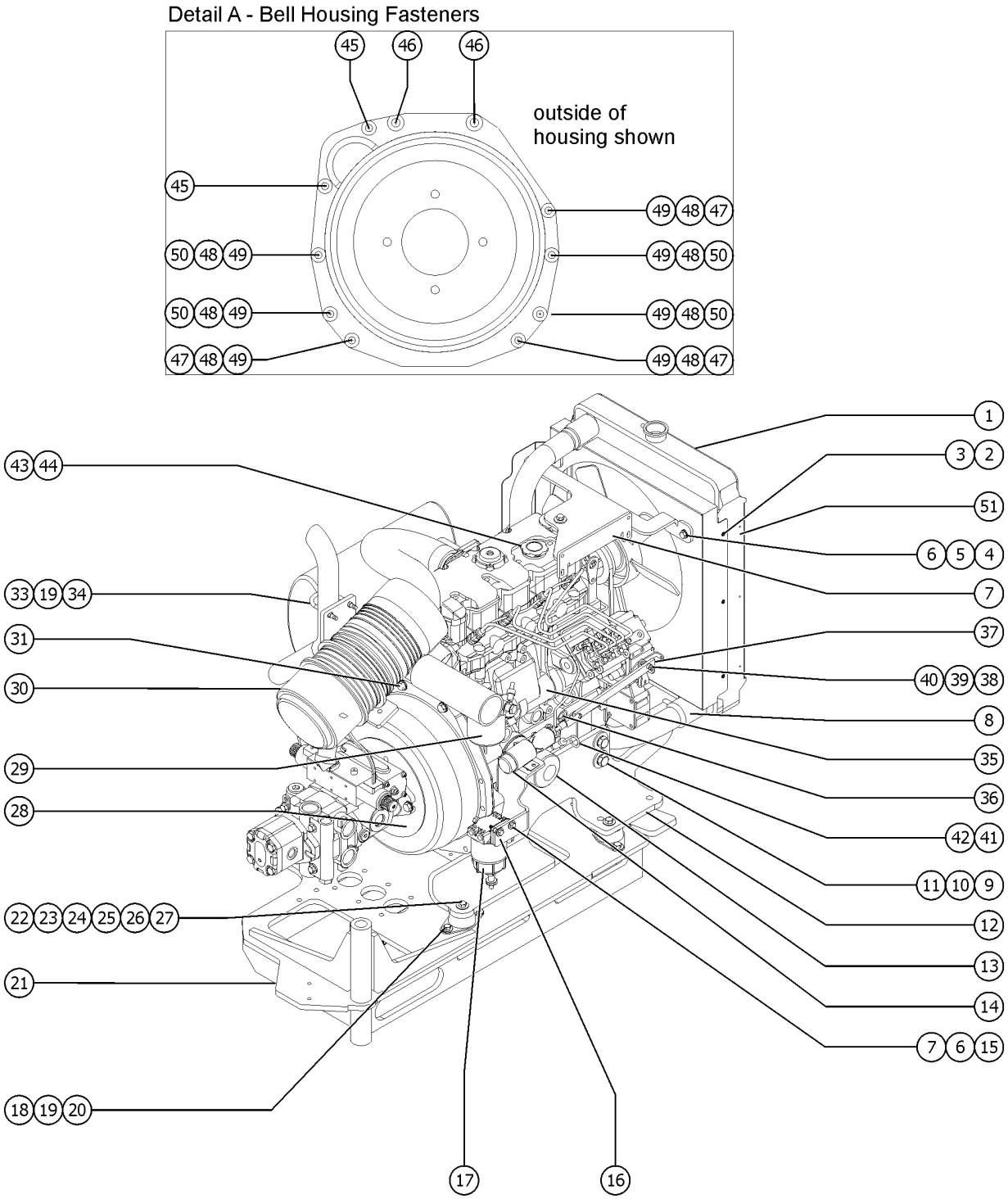
406.1 Perkins 404-22 Engine - View 2



406.1 Perkins 404-22 Engine - View 2

Item	Part No.	Description	Qty.
A-	24038GT	SHOCK MOUNT,SMALL	4
B-	1252943GT	SPACER,FAN,PERKINS 404F	1
C-	77482GT	PULLEY, WATER PUMP	1
1	110304GT	RADIATOR,FORD/PERKINS***	1
1-	65473GT	CAP,RADIATOR,PERKINS/FORD	
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	1
17	75020GT	SEPRTR/FLTR,FUEL DSL,15GPH,.30	1
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	

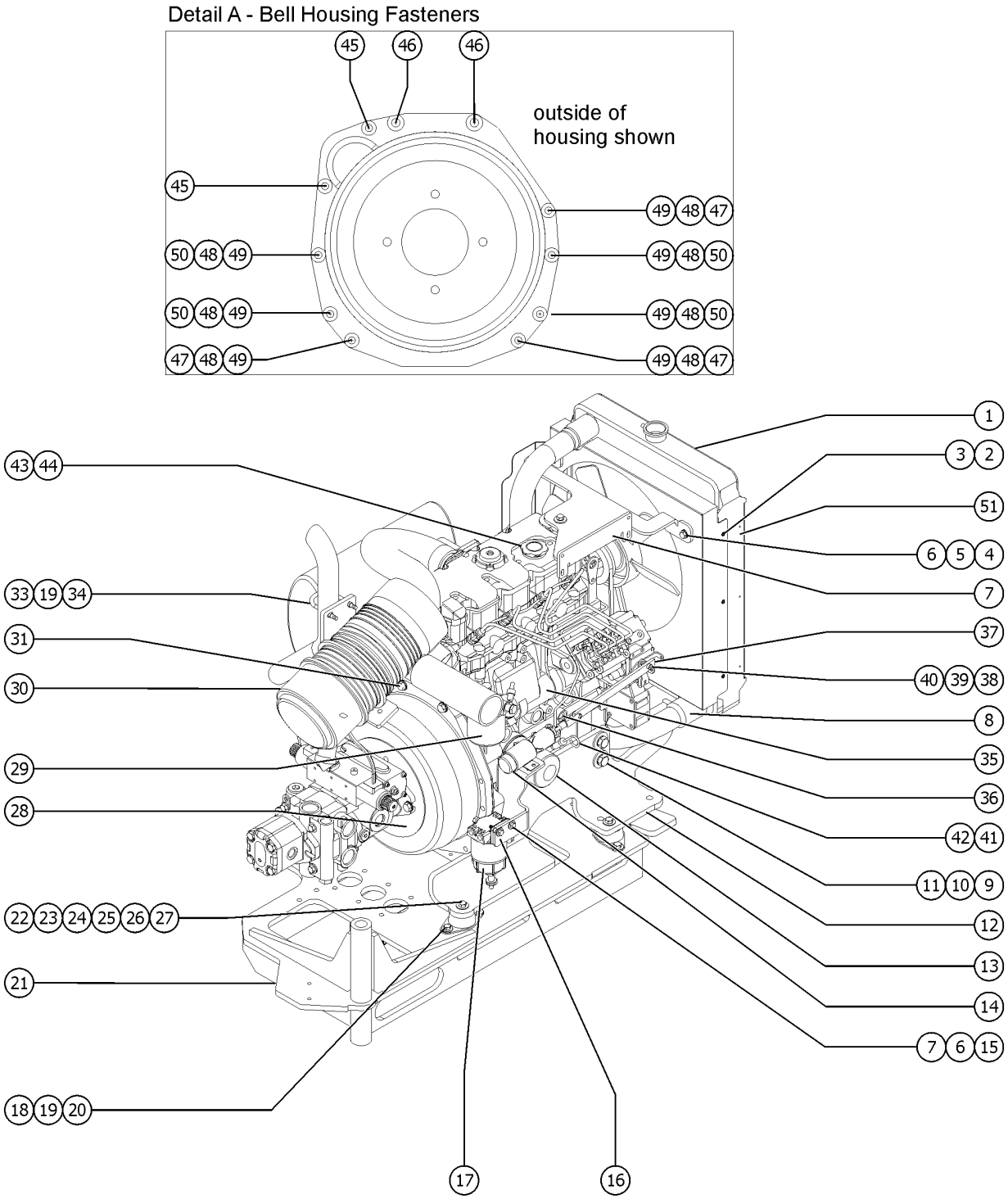
406.1 Perkins 404-22 Engine - View 2



406.1 Perkins 404-22 Engine - View 2

Item	Part No.	Description	Qty.
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	
28-	29749GT	COUPLER,SMALL METAL,15T,***	1
28-	89771GT	HOUSING,PUMP MOUNT (54573)	1
28-	89772GT	FLEX PLATE (54573)***	1
28-	89773GT	KIT, HARDWARE (54573)	1
28B	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	
33	80391GT	U-BOLT,5/16 -18 X 2IN**	
34	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
35A	106663GT	SOLENOID,SHUT DOWN PERKIN40422 to SN 27515 or engine serial numbers ending in M, or later	1
35B	236426GT	SOLENOID KIT,SHUT DN,PERKINS from SN 27516 or engine serial nuymbers ending in L, or before	1
36A	72337GT	SWITCH,OIL PRESS-PERKINS(54555 to SN 27515 or engine serial numbers ending in M, or later	1
36B	111027GT	SWITCH,OIL PRESS-PERKINS 404 from SN 27516 or engine serial nuymbers ending in L, or before	
37	89953GT	FLATBAR,ALUM,THROTTLE LINKAGE	1

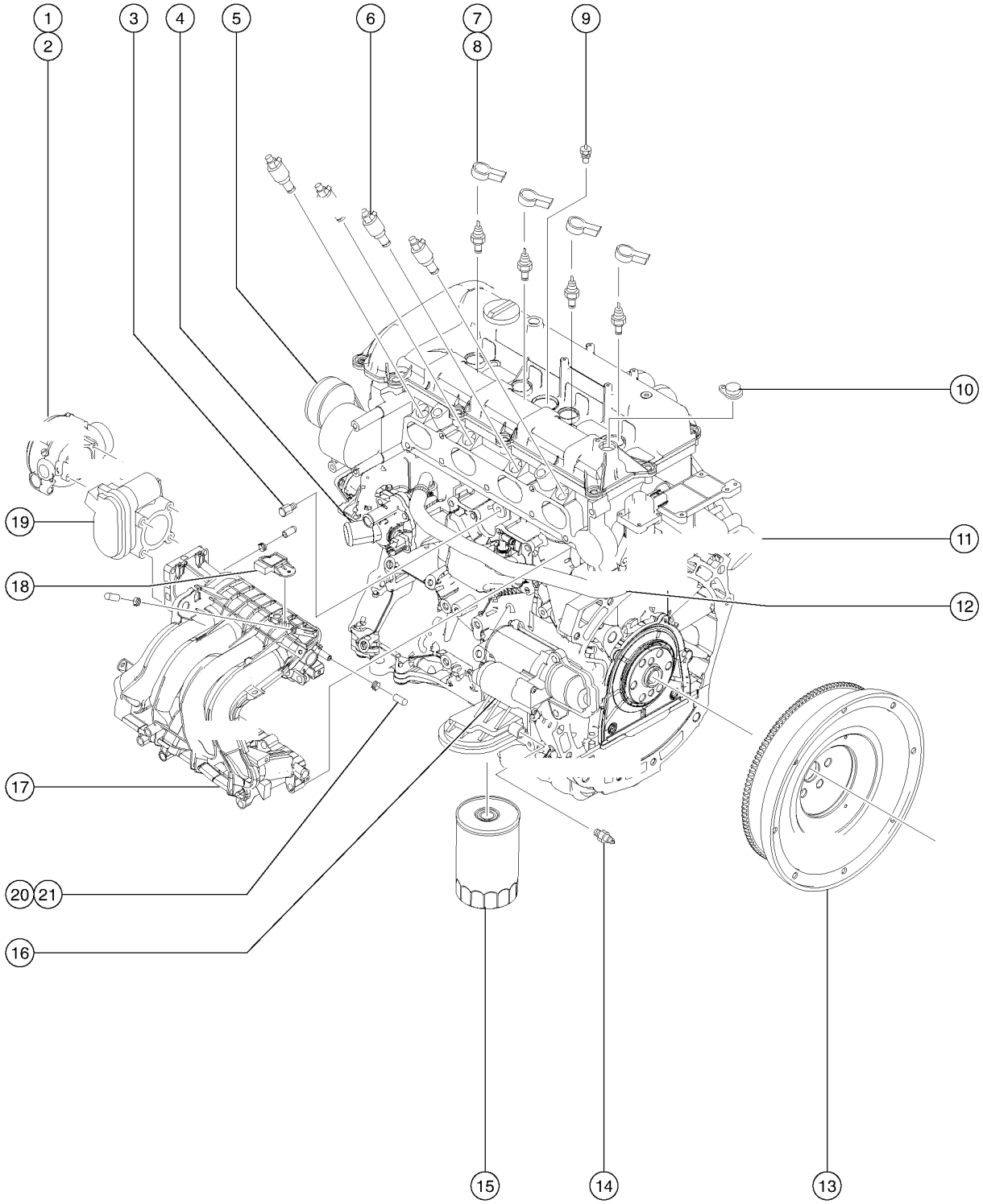
406.1 Perkins 404-22 Engine - View 2



406.1 Perkins 404-22 Engine - View 2

Item	Part No.	Description	Qty.
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)	1
42	97461GT	DIPSTICK TUBE,PERKINS(403C-11)	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

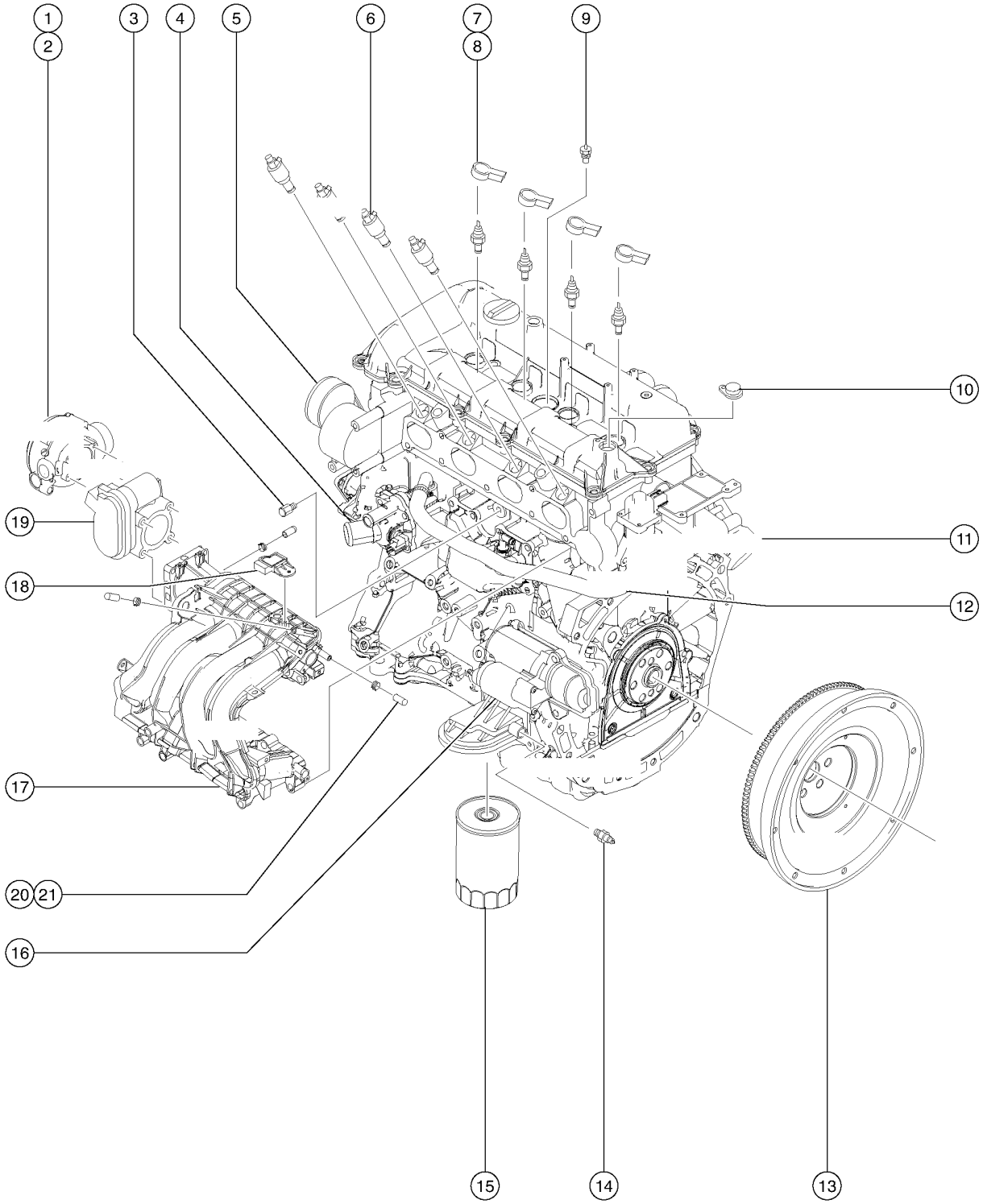
407.1 Ford DSG-423 Engine - View 1 (from SN 30142)



407.1 Ford DSG-423 Engine - View 1 (from SN 30142)

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)	1
9-	233437GT	SENSOR, FORD TEMPERATURE	
9-	234006GT	WIRE HARNESS, SENSOR, TEMP	
10	119497GT	SENSOR,CAM POSITION DSG-423	1
11	214803GT	KIT, DSG423 COOLANT OUTLET Required for first time replacement of older adapter and hose (kit includes water outlet 214796 and hose 214798)	1
11-	214796GT	WATER OUTLET, FORD DSG423 use after first time replacement	
12	214803GT	KIT, DSG423 COOLANT OUTLET Required for first time replacement of older adapter and hose (kit includes water outlet 214796 and hose 214798)	1
12-	214798GT	HOSE, COOLANT BYPASS, DSG423 use after first time replacement	

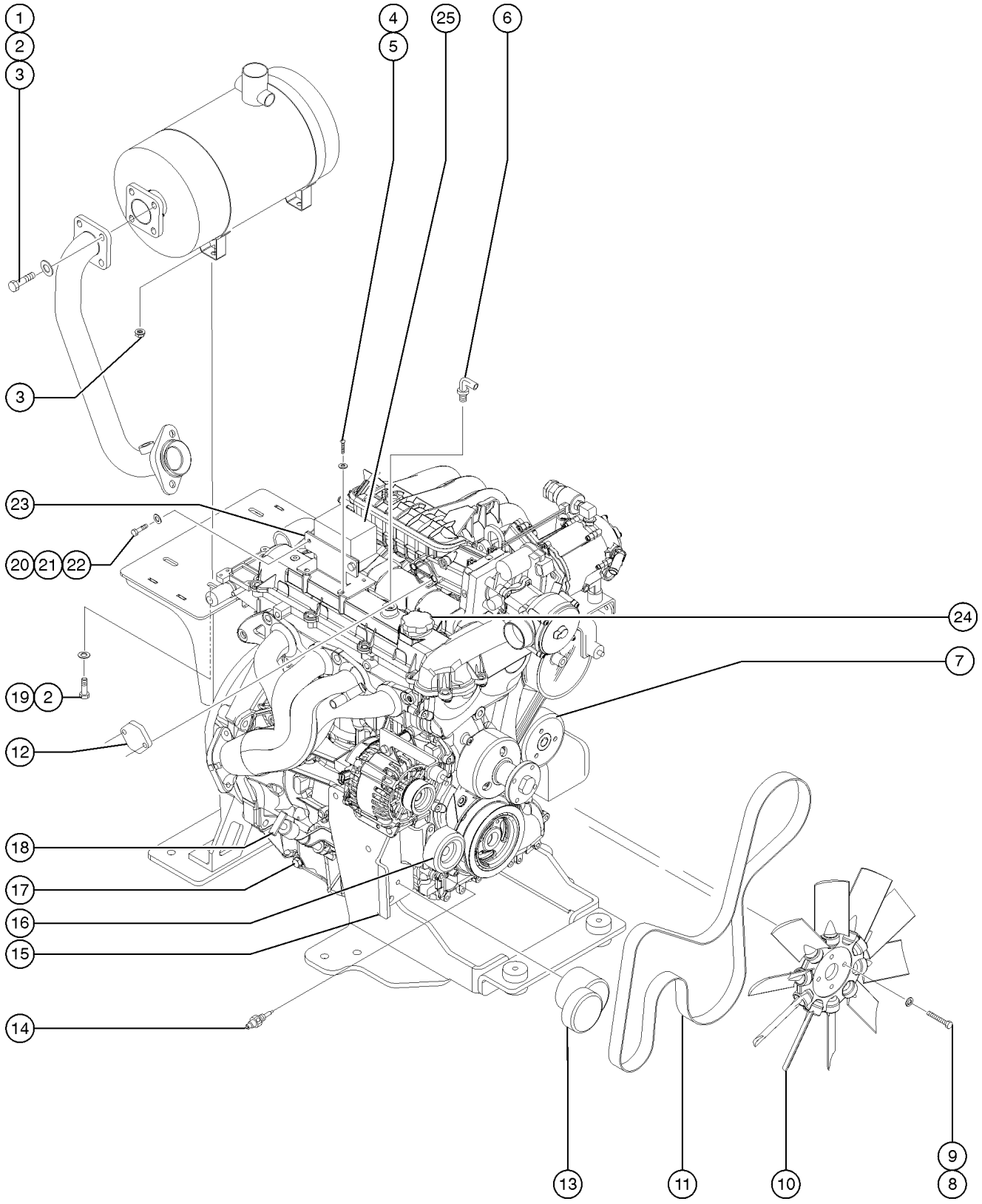
407.1 Ford DSG-423 Engine - View 1 (from SN 30142)



407.1 Ford DSG-423 Engine - View 1 (from SN 30142)

Item	*Part No.*	*Description*	*Qty.*
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	
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
20-	147115GT	KIT, VAC CAP REPLC, DSG-423 (includes caps, clamps and instructions)	
20-	147015GT	CLAMP,SPRING,7/16"	
21	119568GT	CLAMP,SPRING,1/2"	3

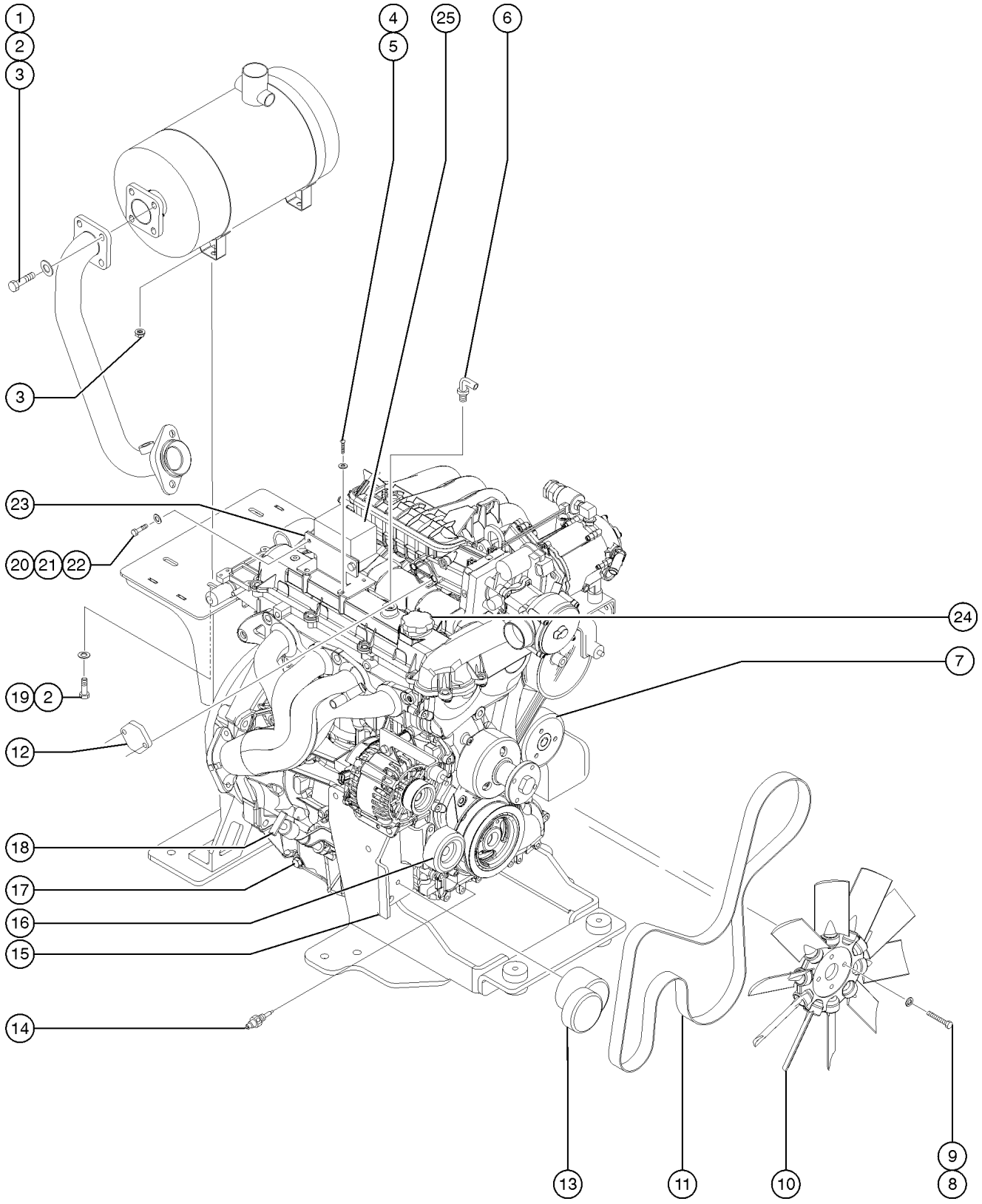
408.1 Ford DSG-423 Engine - View 2 (from SN 30142)



408.1 Ford DSG-423 Engine - View 2 (from SN 30142)

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	

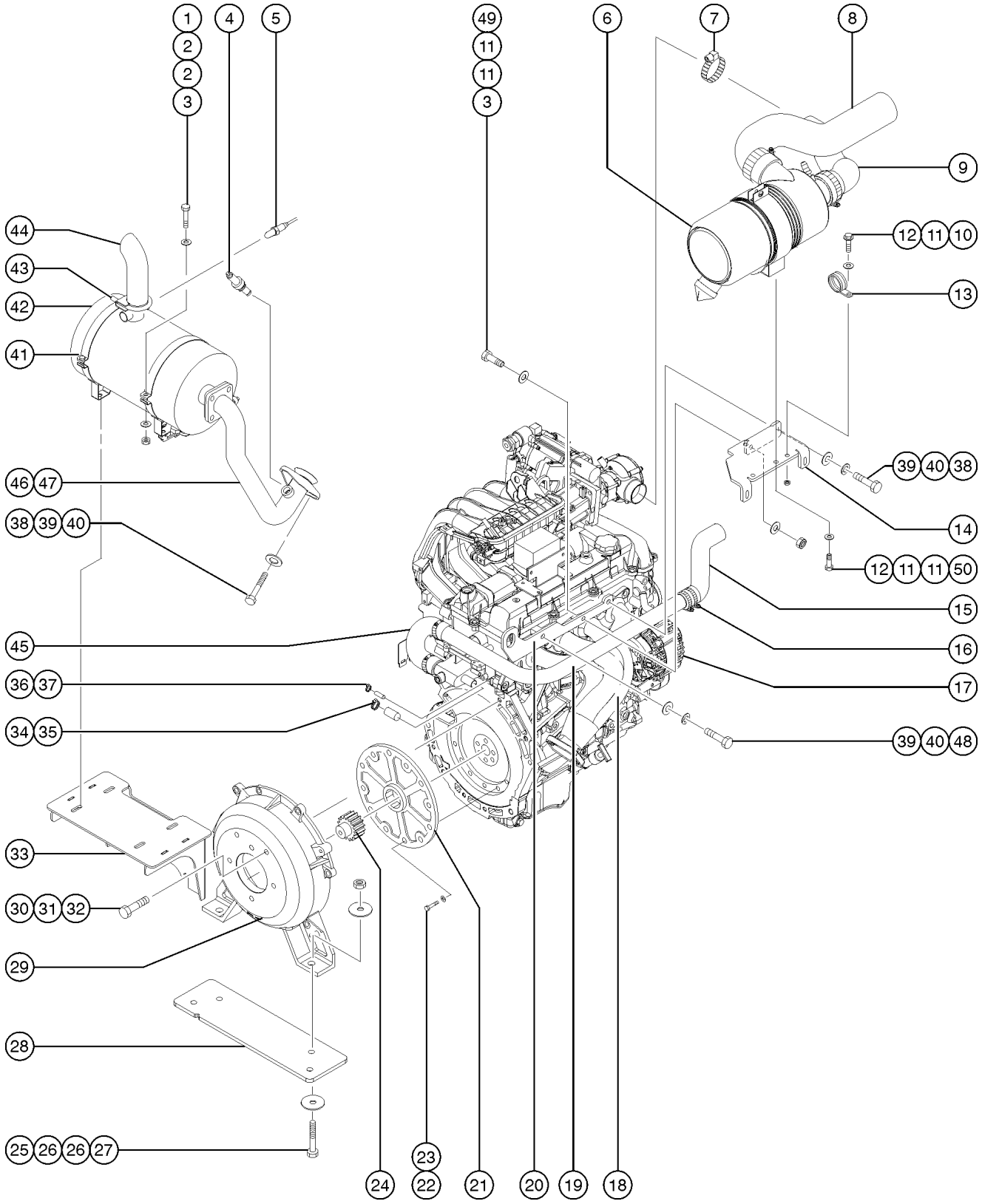
408.1 Ford DSG-423 Engine - View 2 (from SN 30142)



408.1 Ford DSG-423 Engine - View 2 (from SN 30142)

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	

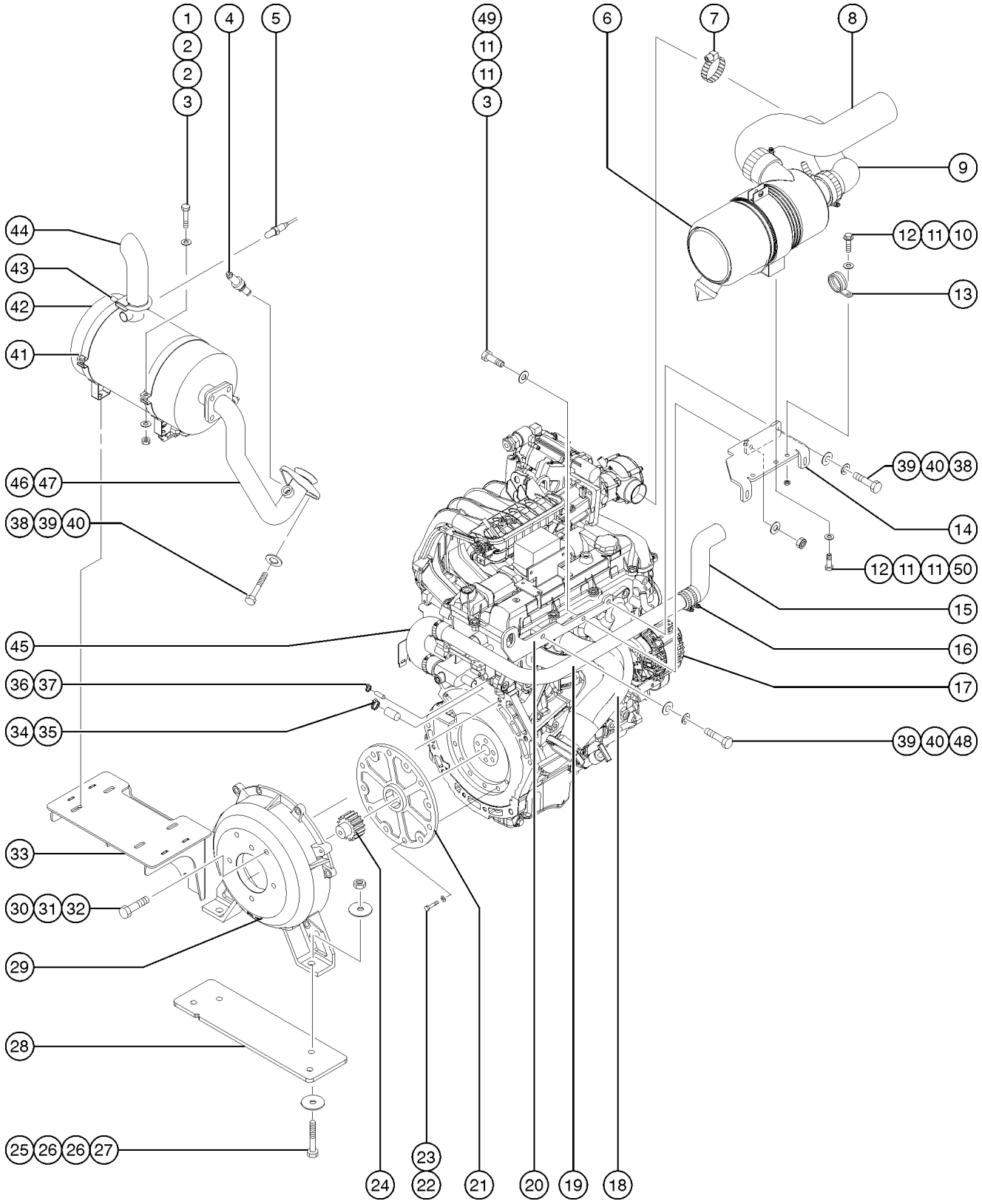
409.1 Ford DSG-423 Engine - View 3 (from SN 30142)



409.1 Ford DSG-423 Engine - View 3 (from SN 30142)

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	
17B	227309GT	HEAT SHIELD,ALTERNATOR,FORD not included, must order separately	
18	119463GT	MANIFOLD,EXHAUST TURBO	1
19	112285GT	PIPE,COOLANT RETURN,FORD 2.3L	1
20	110777GT	PLATE,REAR LIFTING EYE	1

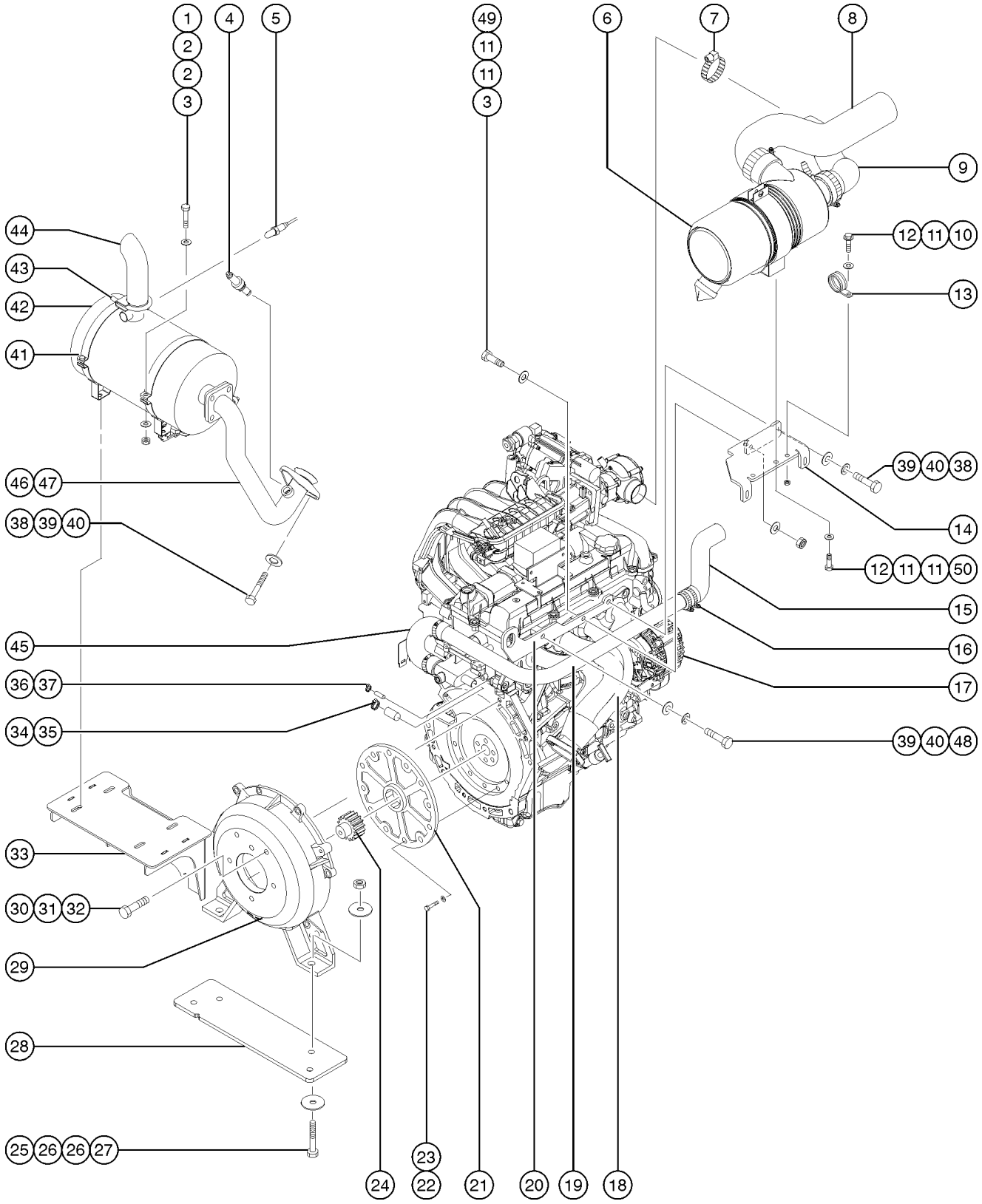
409.1 Ford DSG-423 Engine - View 3 (from SN 30142)



409.1 Ford DSG-423 Engine - View 3 (from SN 30142)

Item	Part No.	Description	Qty.
21	89813GT	FLEX PLATE,COUPLER (64079)	1
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

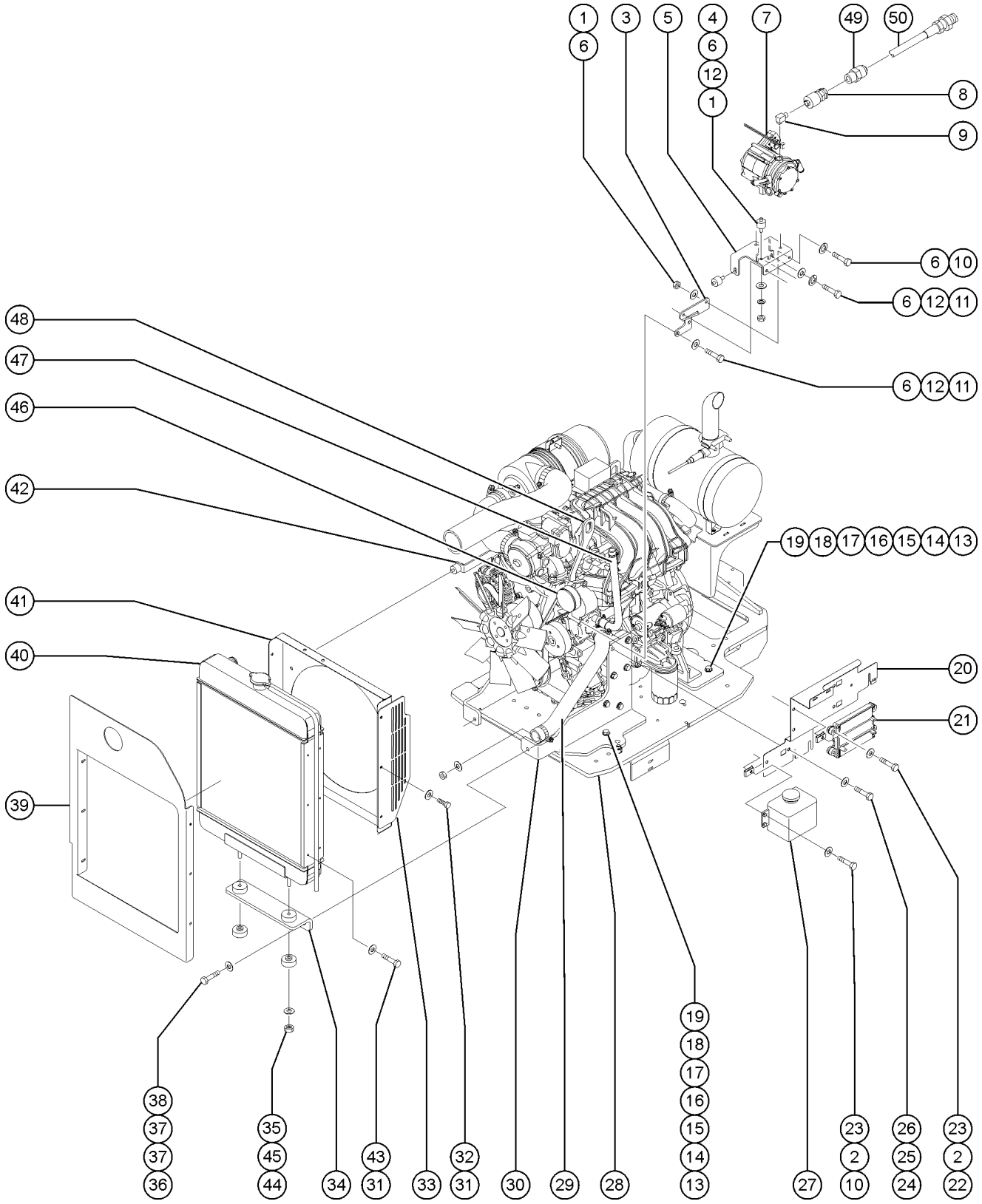
409.1 Ford DSG-423 Engine - View 3 (from SN 30142)



409.1 Ford DSG-423 Engine - View 3 (from SN 30142)

Item	*Part No.*	*Description*	*Qty.*
46	110407GT	WELDMENT,HEADER PIPE	1
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	

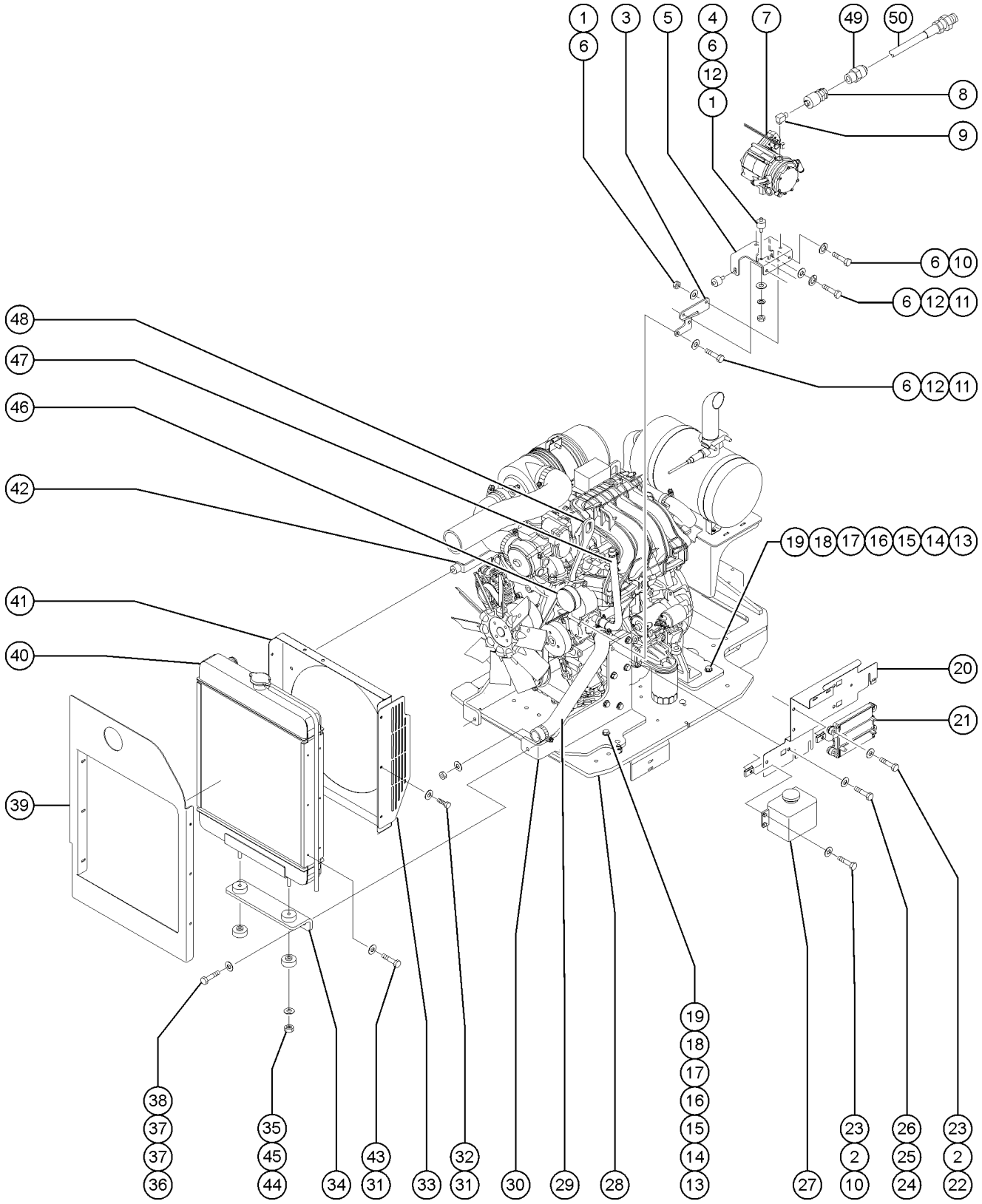
410.1 Ford DSG-423 Engine - View 4 (from SN 30142)



410.1 Ford DSG-423 Engine - View 4 (from SN 30142)

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
21	119169GT	CONTROL MODULE,DSG-423	1
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	
26	22699GT	WASHER, FLAT, M10, ZINC PLTD.	

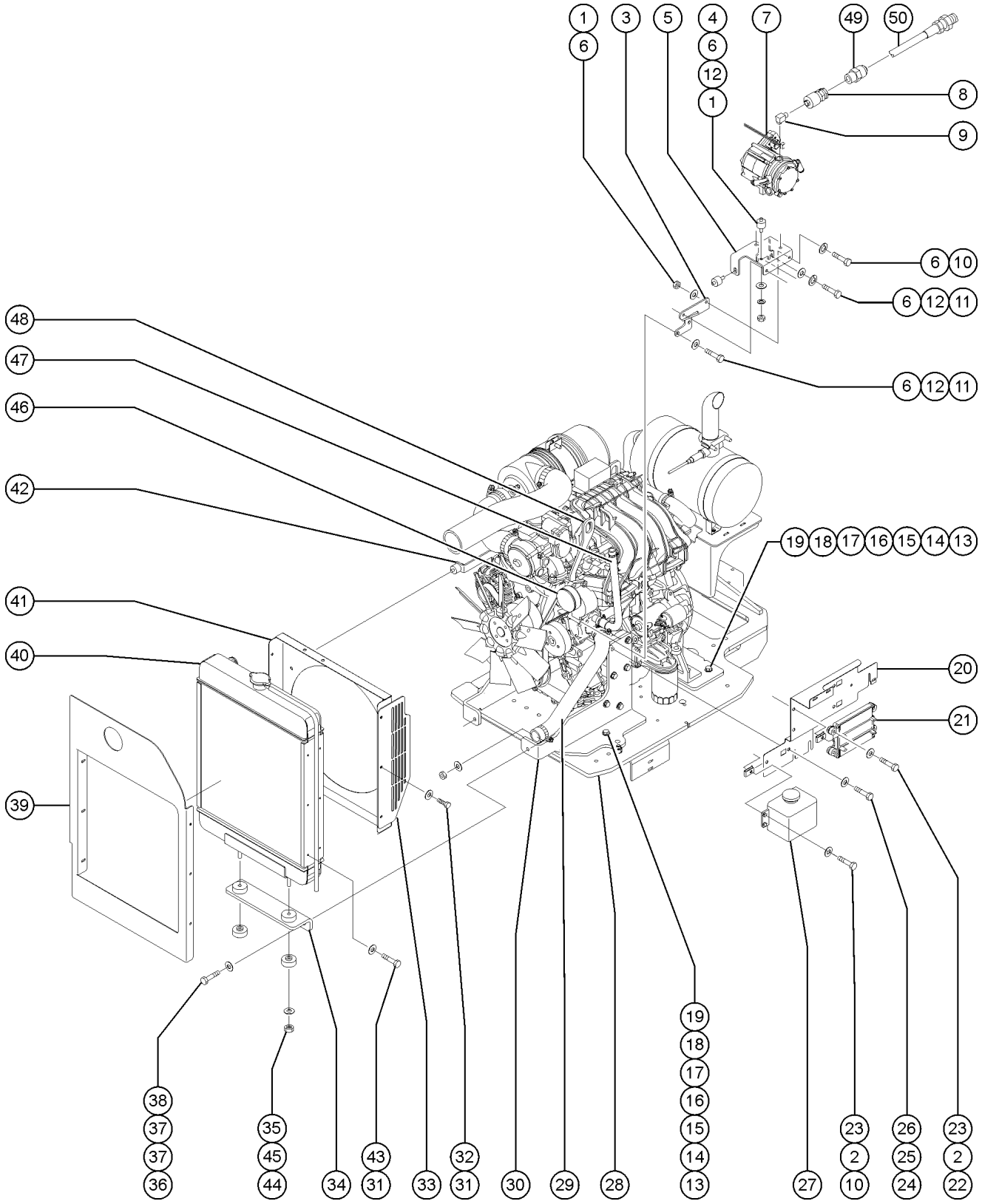
410.1 Ford DSG-423 Engine - View 4 (from SN 30142)



410.1 Ford DSG-423 Engine - View 4 (from SN 30142)

Item	Part No.	Description	Qty.
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	
46-	119477GT	IDLER BRACKET	

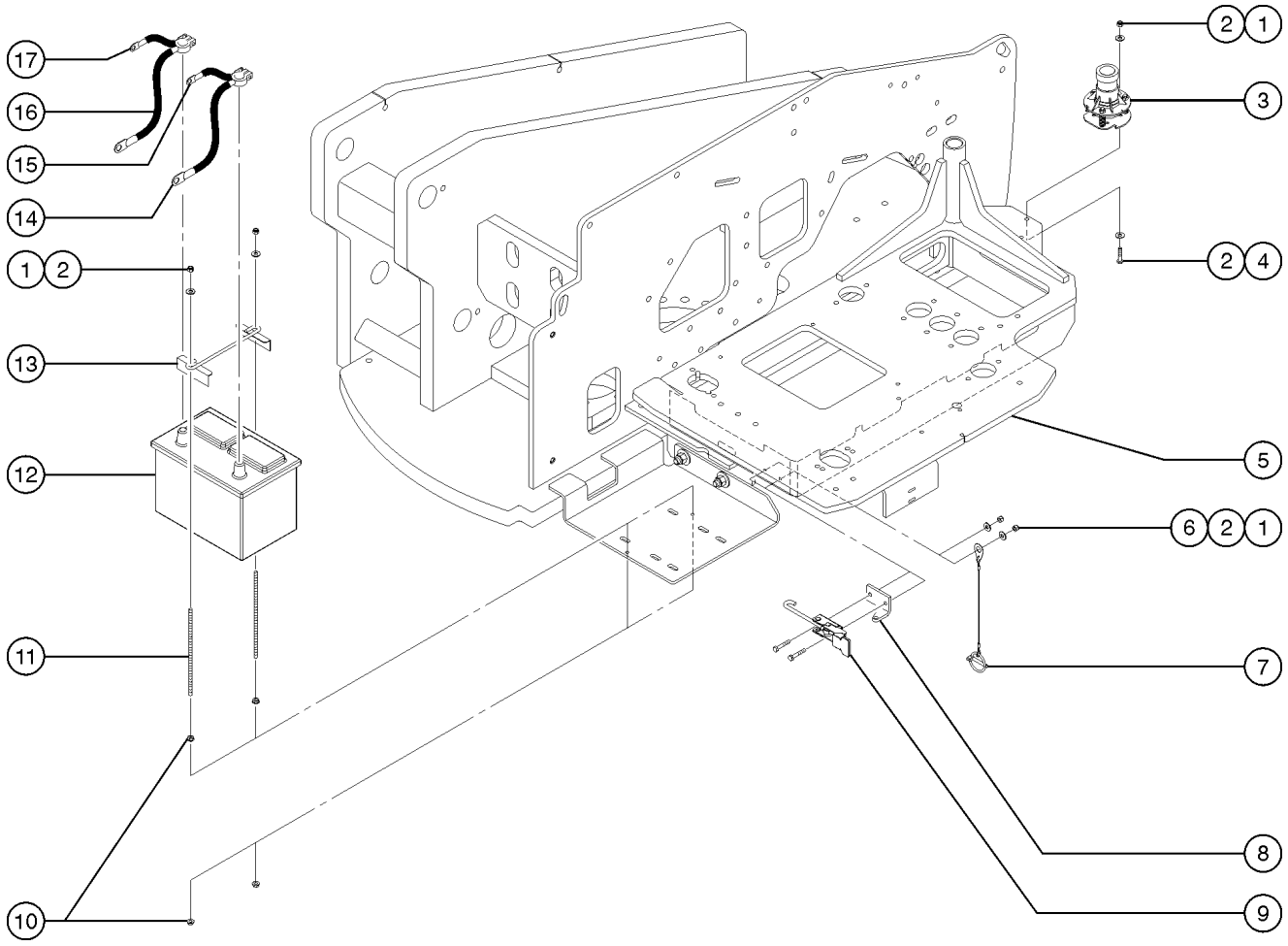
410.1 Ford DSG-423 Engine - View 4 (from SN 30142)



410.1 Ford DSG-423 Engine - View 4 (from SN 30142)

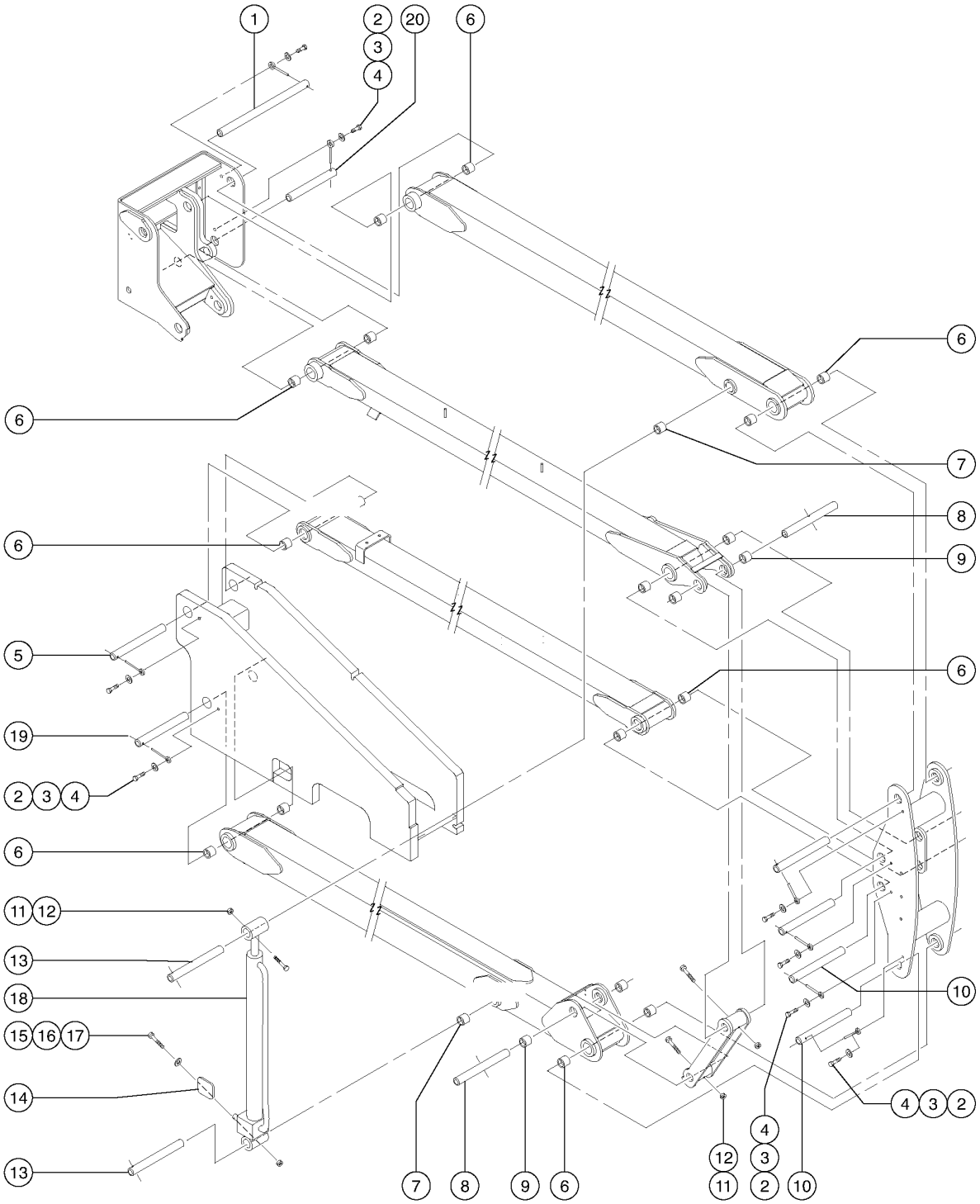
Item	Part No.	Description	Qty.
47	119073GT	HOSE,COOLANT,REG INTAKE	
47-	119053GT	CLAMP,HOSE,1.50	
48	112400GT	PLATE,FRONT LIFTING EYE	1
49	19358GT	CONNECTOR,010102-6-4	1
50	119055GT	HOSE ASSY,LP GAS	1

411.1 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 ANSI/CSA models. PN 1261449 may be required, see below.	1
3B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 European models; from SN 28840	
3C	42439GT	SENSOR,LEVEL 3 DEG** Australian models; from SN 28840	
3D	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	70608GT	BATTERY CABLE,1/0,RED,105"***	1
15	70645GT	BATTERY CABLE,RED#2,5/16,5/16	1
16	70609GT	BATTERY CABLE,1/0,BLK,91"***	1
17	70646GT	BATTERY CABLE,BLK,#2,5/16,3/8*	1

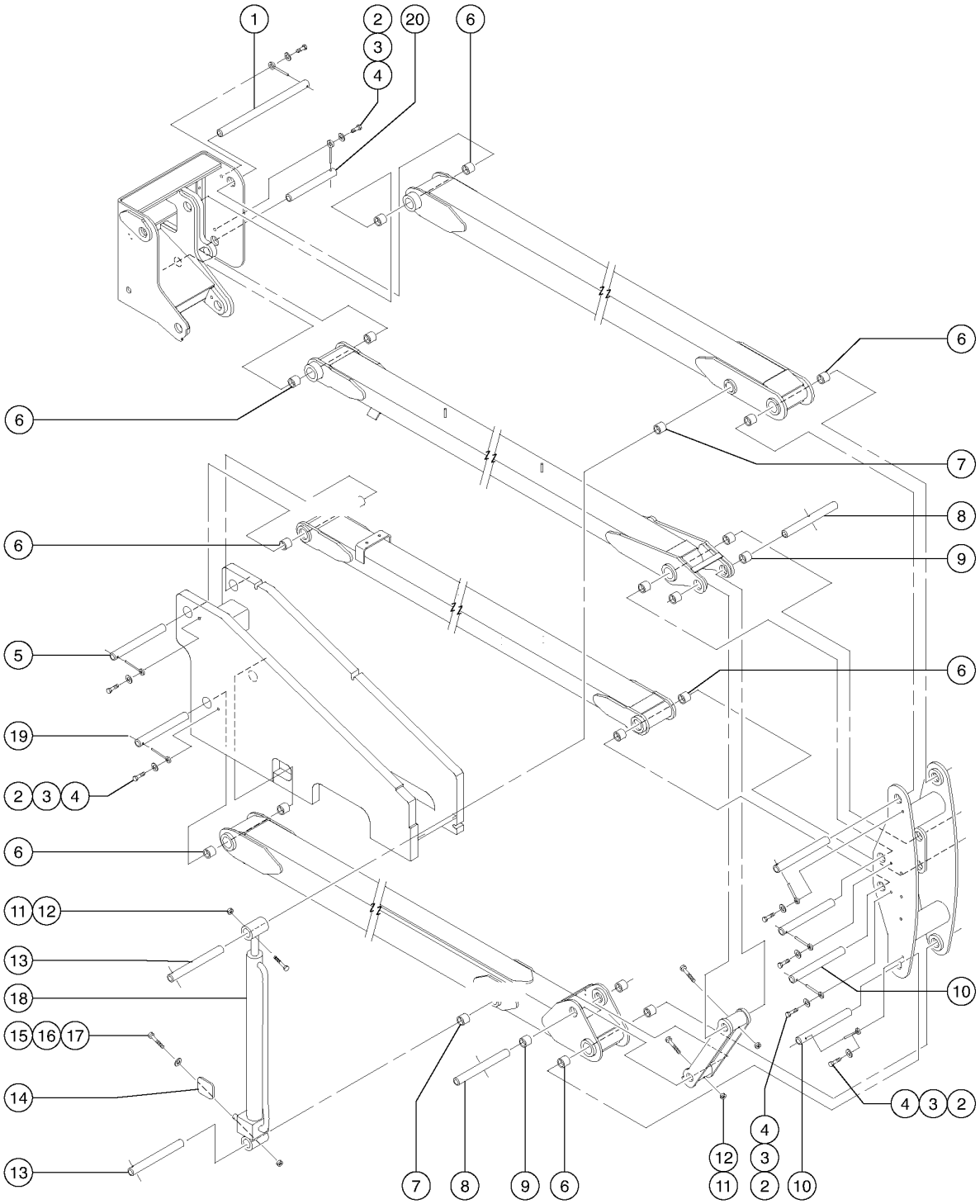
501.1 Boom Pins and Bearings, Z-45/25



501.1 Boom Pins and Bearings, Z-45/25

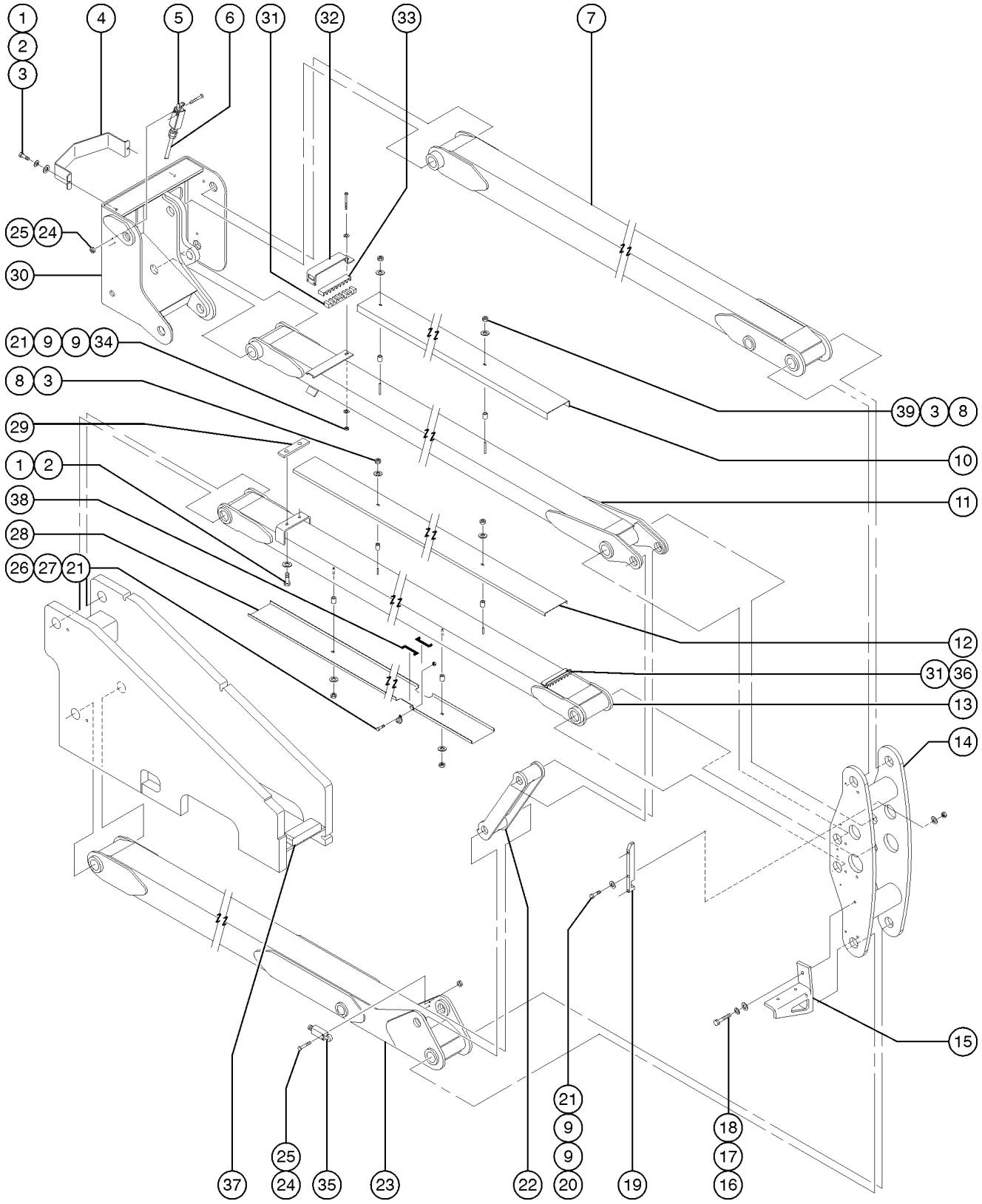
Item	Part No.	Description	Qty.
1	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	1256267GT	ROD END,.5 X 3.75,ZAG	
5	107859GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
6	18720GT	BEARING,2.0IDX2.25ODX1.50L	16
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
8	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
9	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



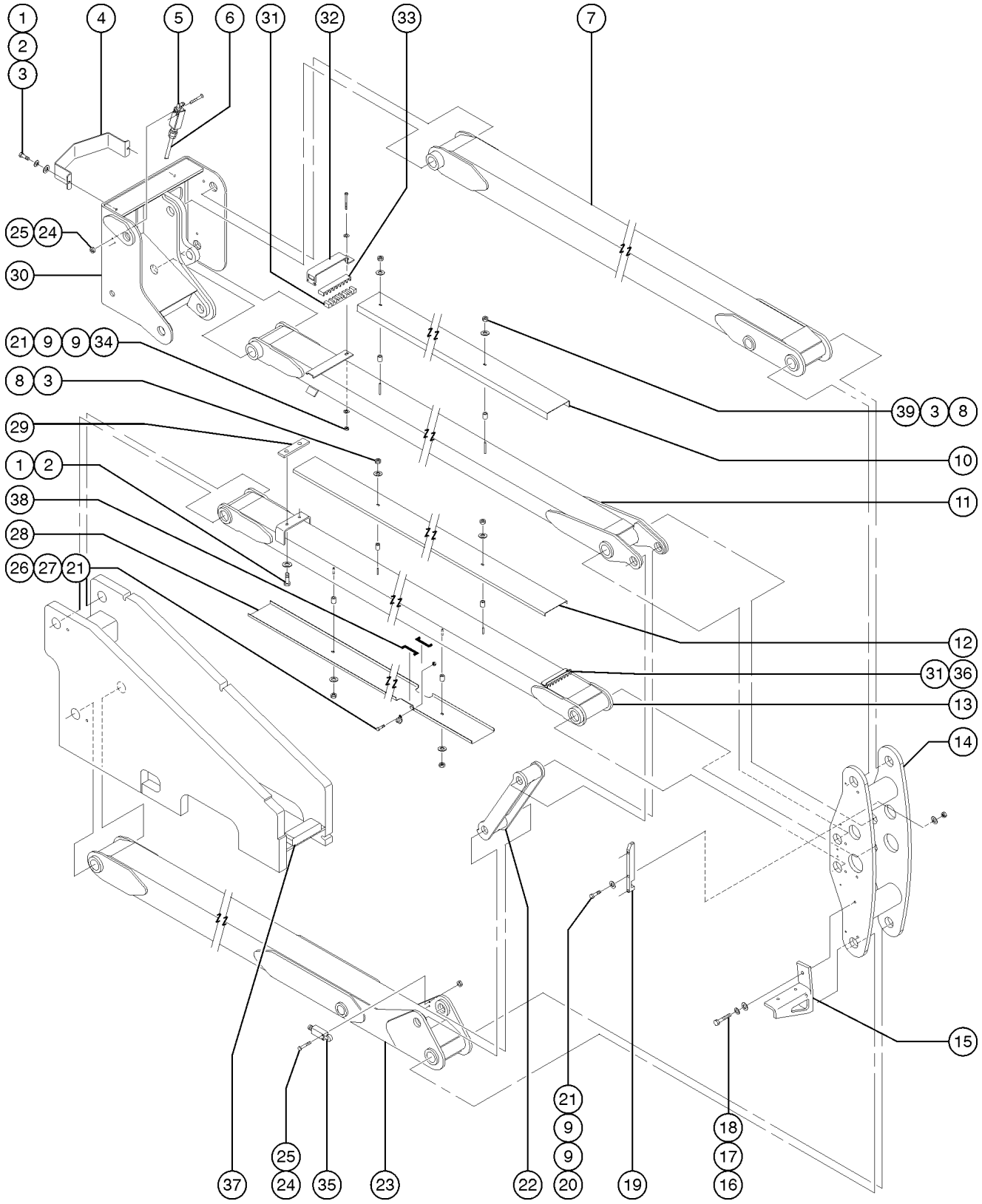
Item	Part No.	Description	Qty.
1	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	1256267GT	ROD END,.5 X 3.75,ZAG	
5	107859GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
6	18720GT	BEARING,2.0IDX2.25ODX1.50L	16
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
8	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
9	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
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



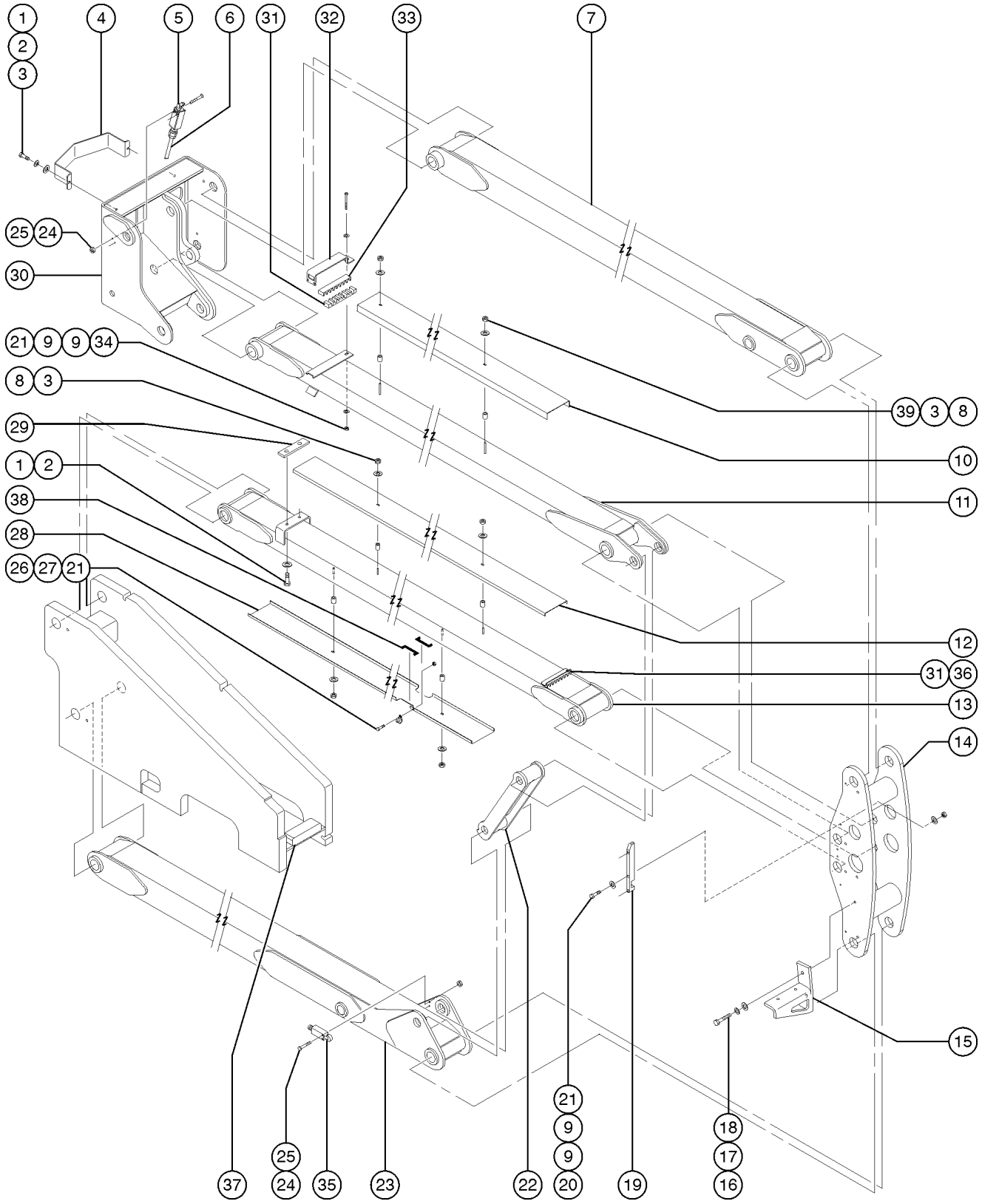
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	237688GT	COVER, UPPER PIVOT	1
5	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	
5-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
6	43960GT	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



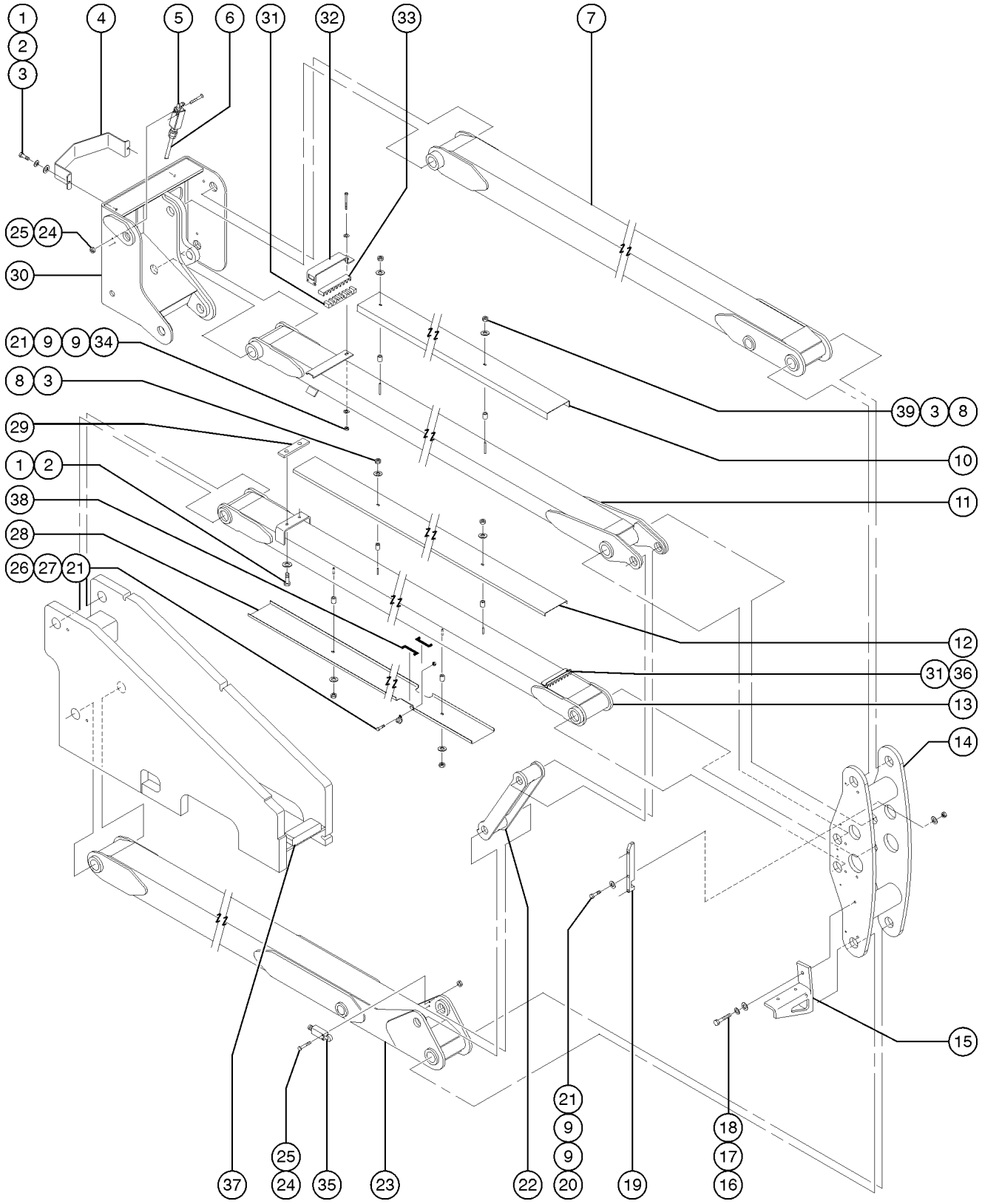
Item	Part No.	Description	Qty.
29	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	1
30		Ref. Upper Pivot Assembly (refer to 503.1)	
31	94529GT	CLAMPING BLOCK,HOSE***	2
32	94531PGT	BRACKET,HOSE CLAMP PAINTED***	1
33	94530GT	CLAMPING BLOCK,CABLE	1
34	6888GT	SCREW, HHC, 1/4-20 X 1	
35	88356-11205GT	SWITCH,LIMIT,W/RLLR 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



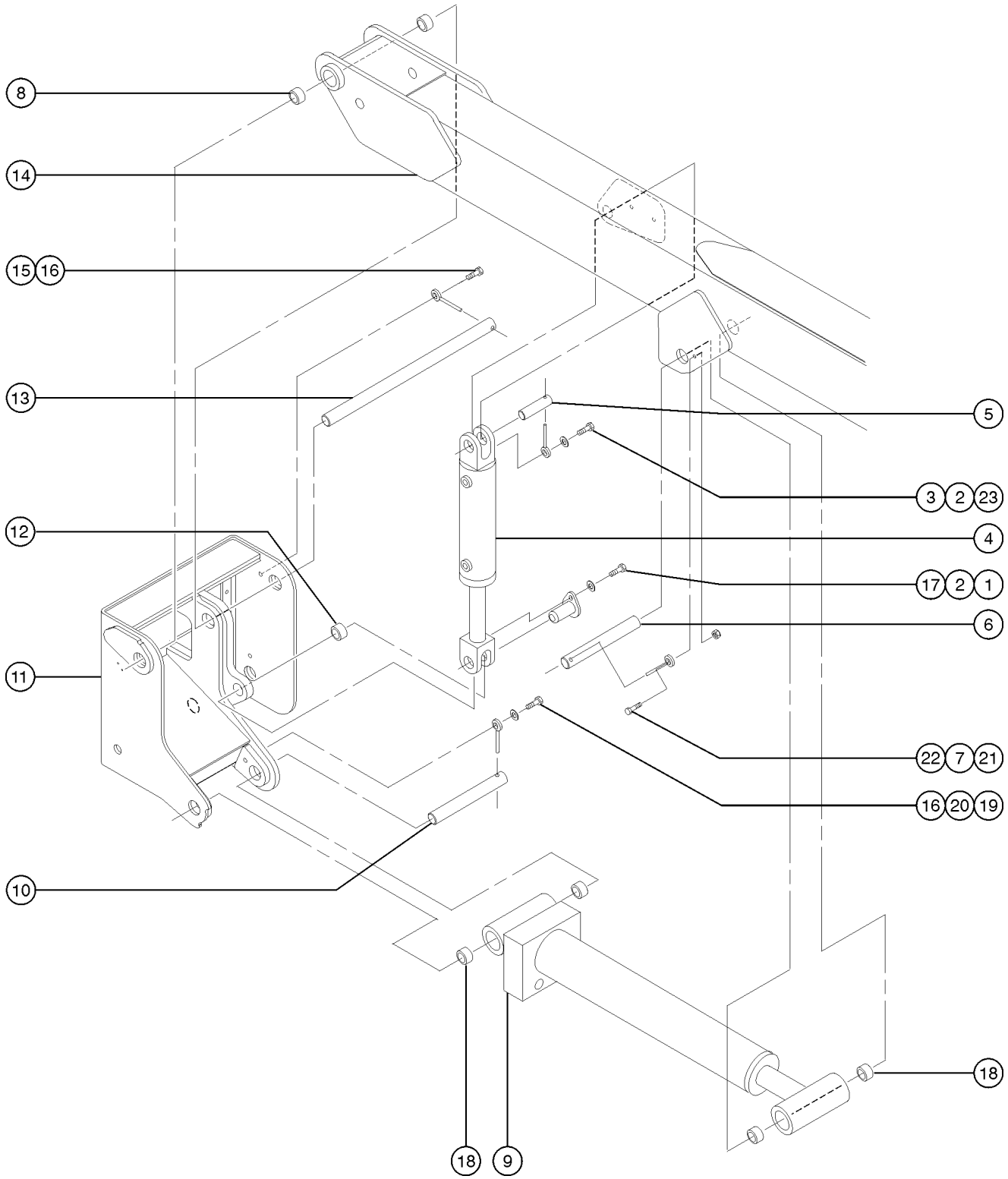
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	237688GT	COVER, UPPER PIVOT	1
5	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	
5-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
6	43960GT	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	1
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	
25	6178GT	NUT, NYLOCK, 10-32	

502.2 Boom Linkage, Z-45/25J



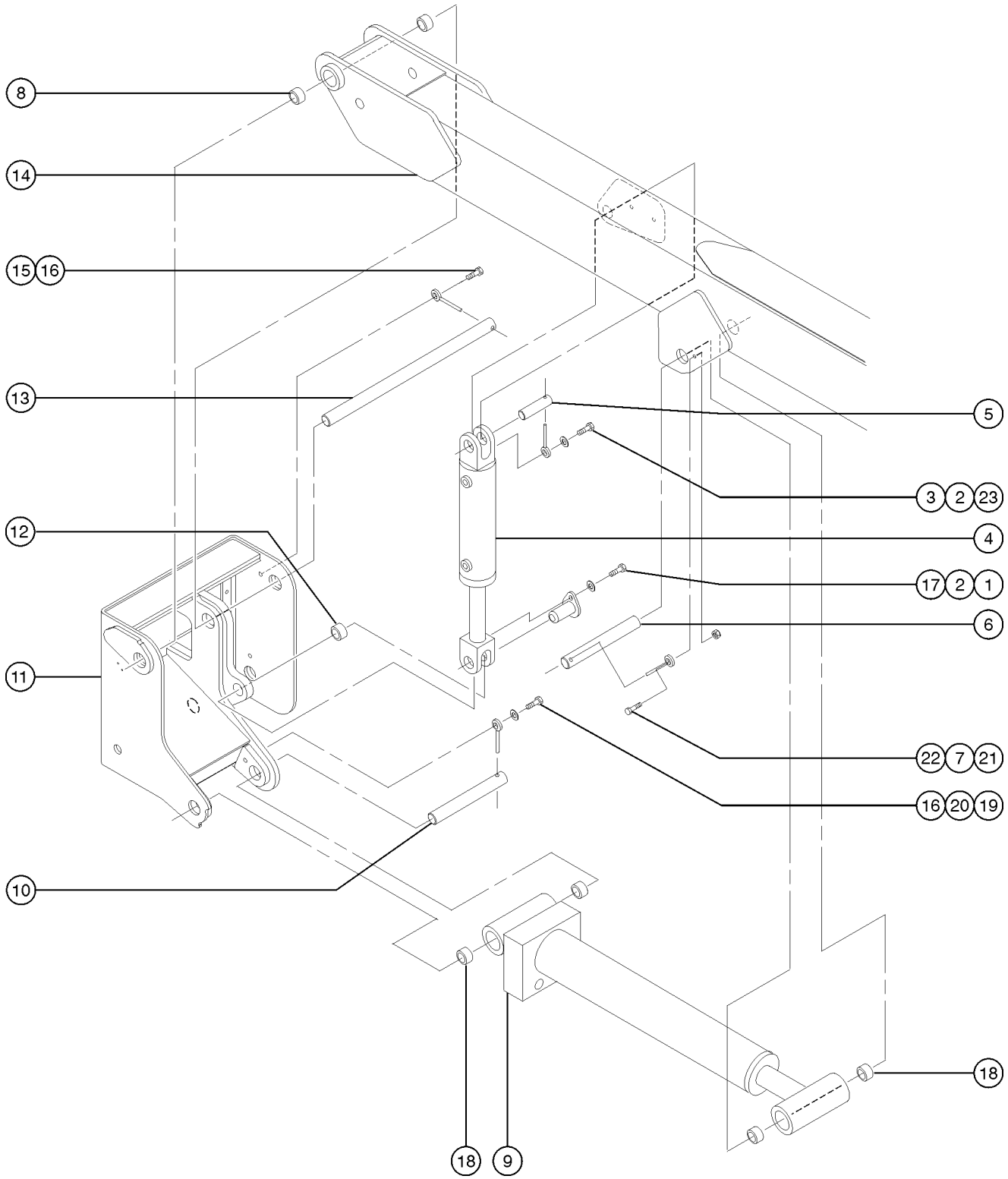
Item	Part No.	Description	Qty.
26	8914GT	SCREW, HHC, 1/4-20 X .625	
30		Ref. Upper Pivot Assembly (refer to 503.1)	
28	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1
29	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	1
31	94529GT	CLAMPING BLOCK,HOSE***	2
32	94531PGT	BRACKET,HOSE CLAMP PAINTED***	1
33	94530GT	CLAMPING BLOCK,CABLE	1
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 inich	1 inch

503.1 Upper Pivot Components, Z-45/25



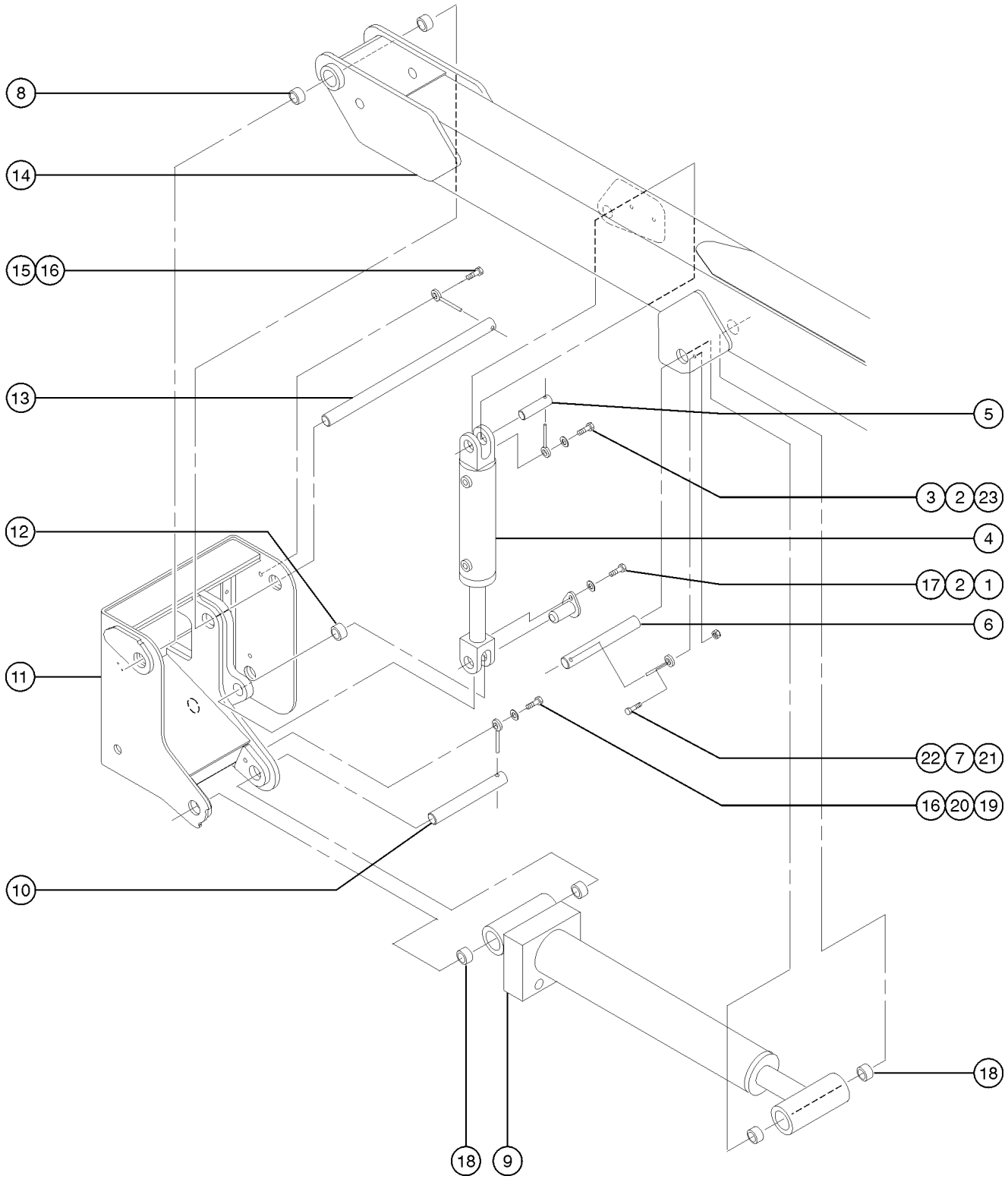
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	1255452GT	ROD END,.375 X 2.25,ZAG	
4	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
4-	77364GT	SEAL KIT, LEVELING CYLINDER	
5	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
6	50542GT	PIN,1.75DIAX9.25LG,1HOLE	1
7	825019GT	ROD 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



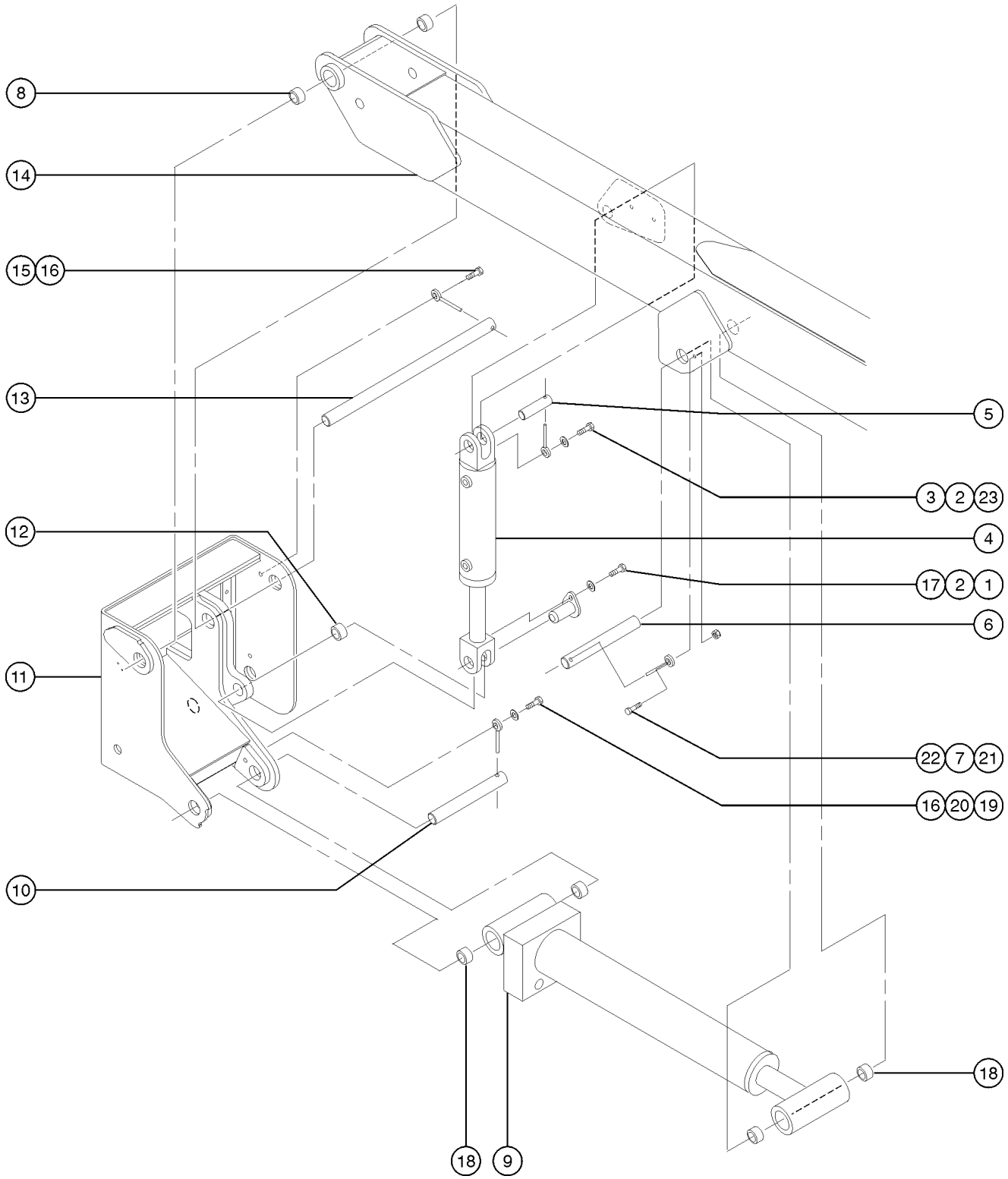
Item	Part No.	Description	Qty.
22	4828GT	NUT, NYLOCK, 3/8-16	
23	8255GT	SCREW,HHC,3/8-16 X .75	

503.2 Upper Pivot Components, Z-45/25J



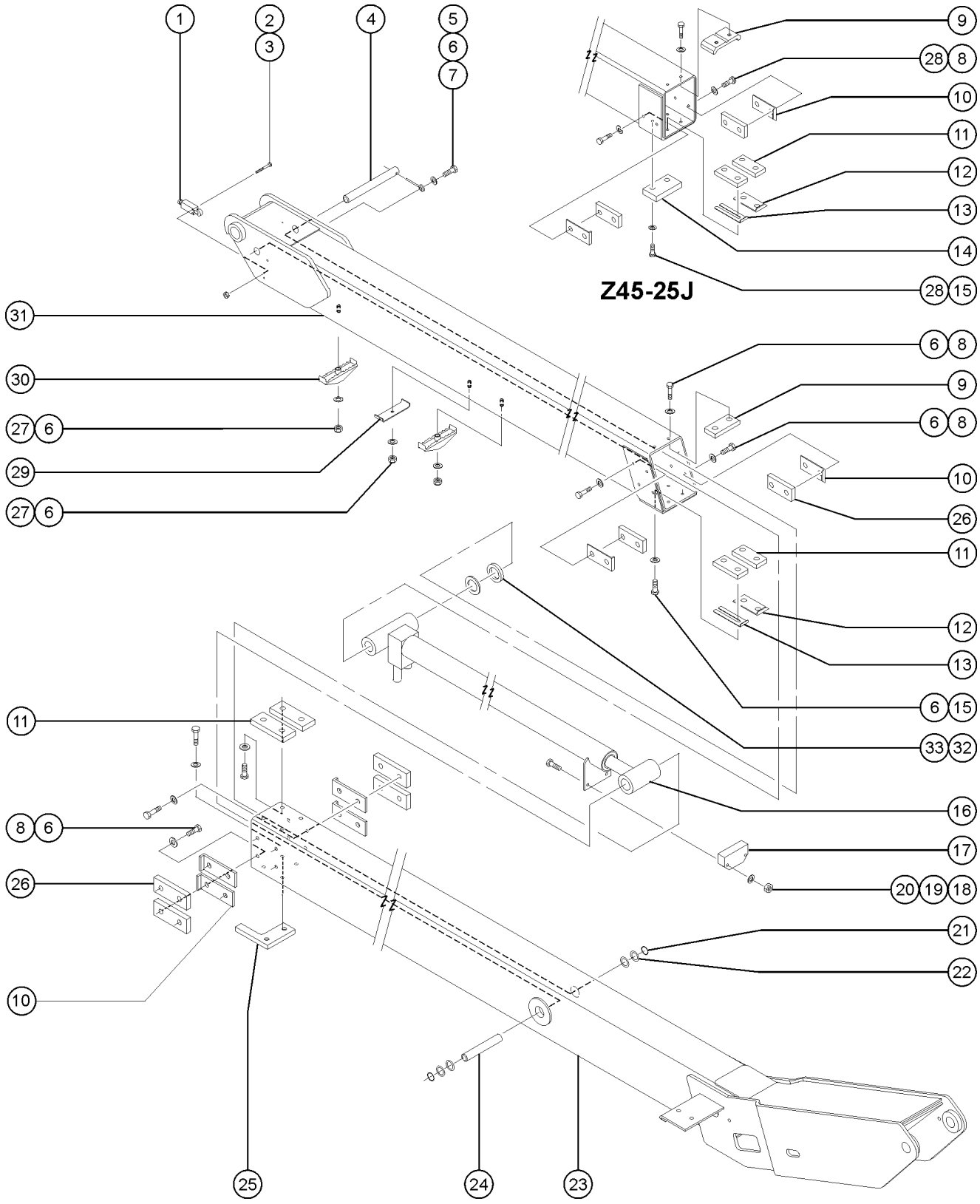
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	1255452GT	ROD END,.375 X 2.25,ZAG	
4	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
4-	77364GT	SEAL KIT, LEVELING CYLINDER	
5	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
6	50542GT	PIN,1.75DIAX9.25LG,1HOLE	1
7	825019GT	ROD 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)	
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	2
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



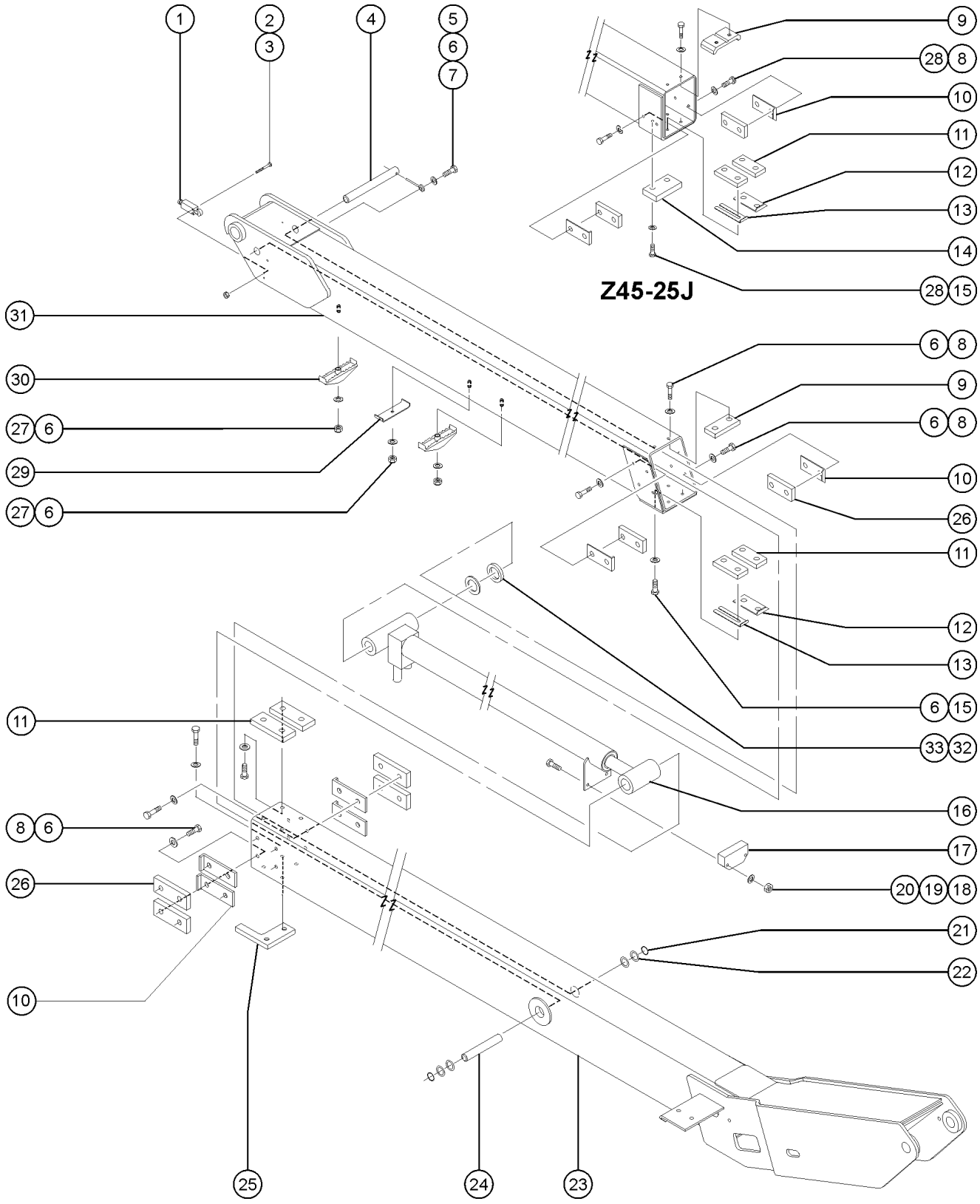
Item	Part No.	Description	Qty.
22	4828GT	NUT, NYLOCK, 3/8-16	
23	8255GT	SCREW,HHC,3/8-16 X .75	

504.1 Primary and Extension Booms, Z-45/25



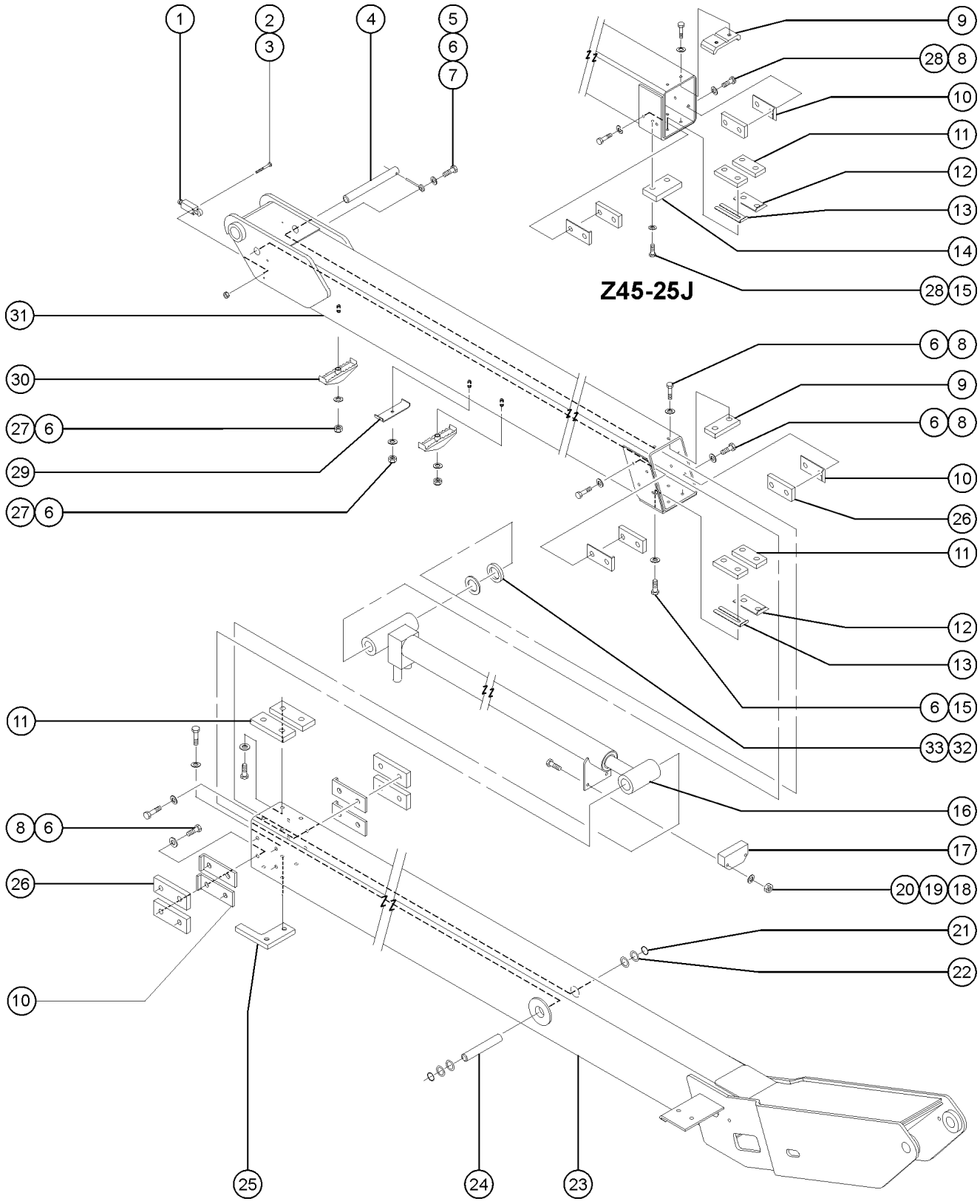
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	1
5	6019GT	SCREW,HHC,3/8-16 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
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	
23	50315GT	EXTENSION BOOM WELDMNT,NON-JIB Z-45/25	
24	50546GT	PIN,1.25DIAX6.36LG,2RING	1
25	50552GT	WEAR PAD,EXTENSION BOOM	1

504.1 Primary and Extension Booms, Z-45/25



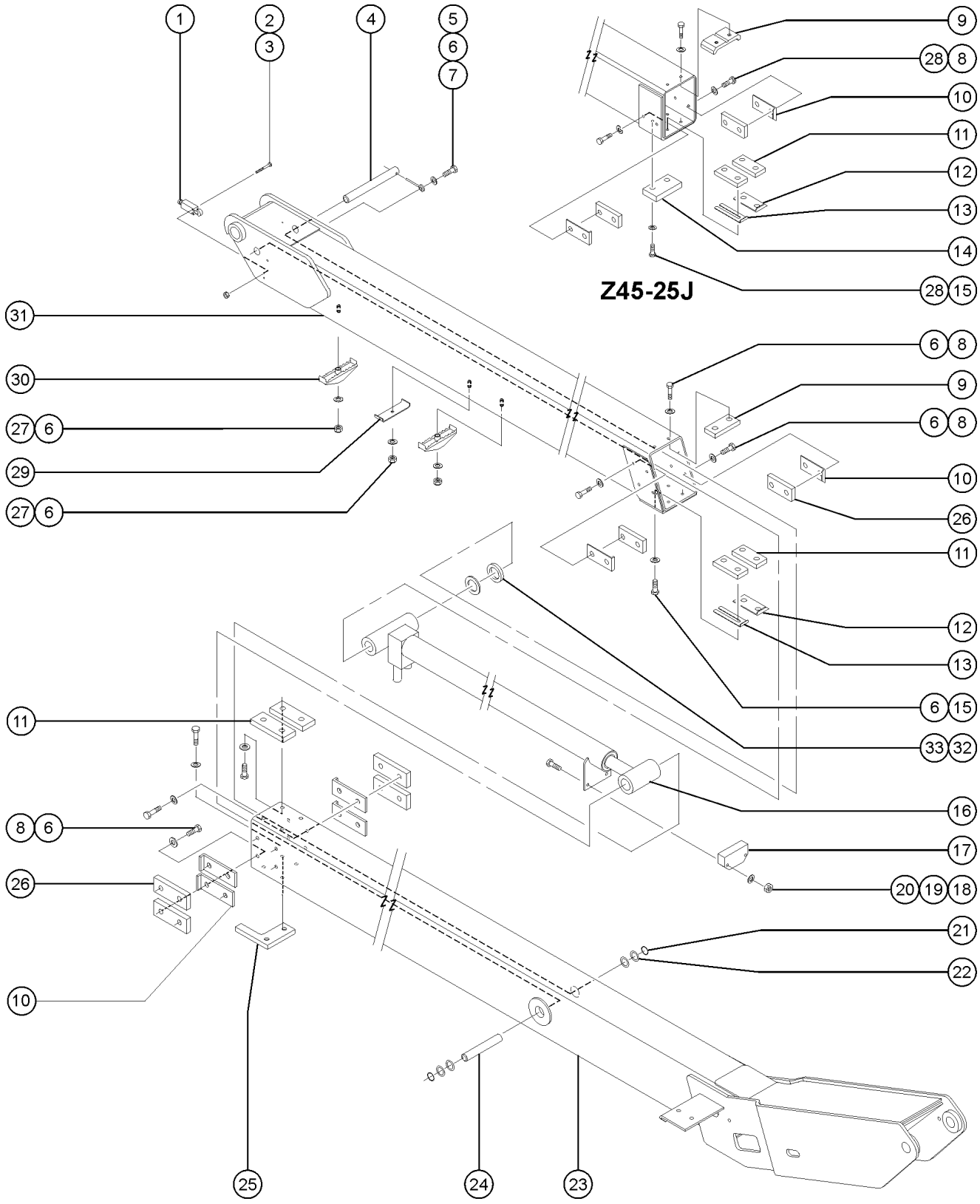
Item	*Part No.*	*Description*	*Qty.*
26	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
27	4828GT	NUT, NYLOCK, 3/8-16	
29	54530GT	CLAMP,HOSE,ALUMINUM	1
30	77106GT	CLAMP,CABLE & HOSE,PLASTIC	2
31	110384GT	PRIMARY BOOM ASSY,STD,Z45/25 Z-45/25	
32	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
33	77375GT	SPACER,NYLON,2.01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

504.2 Primary and Extension Booms, Z-45/25J



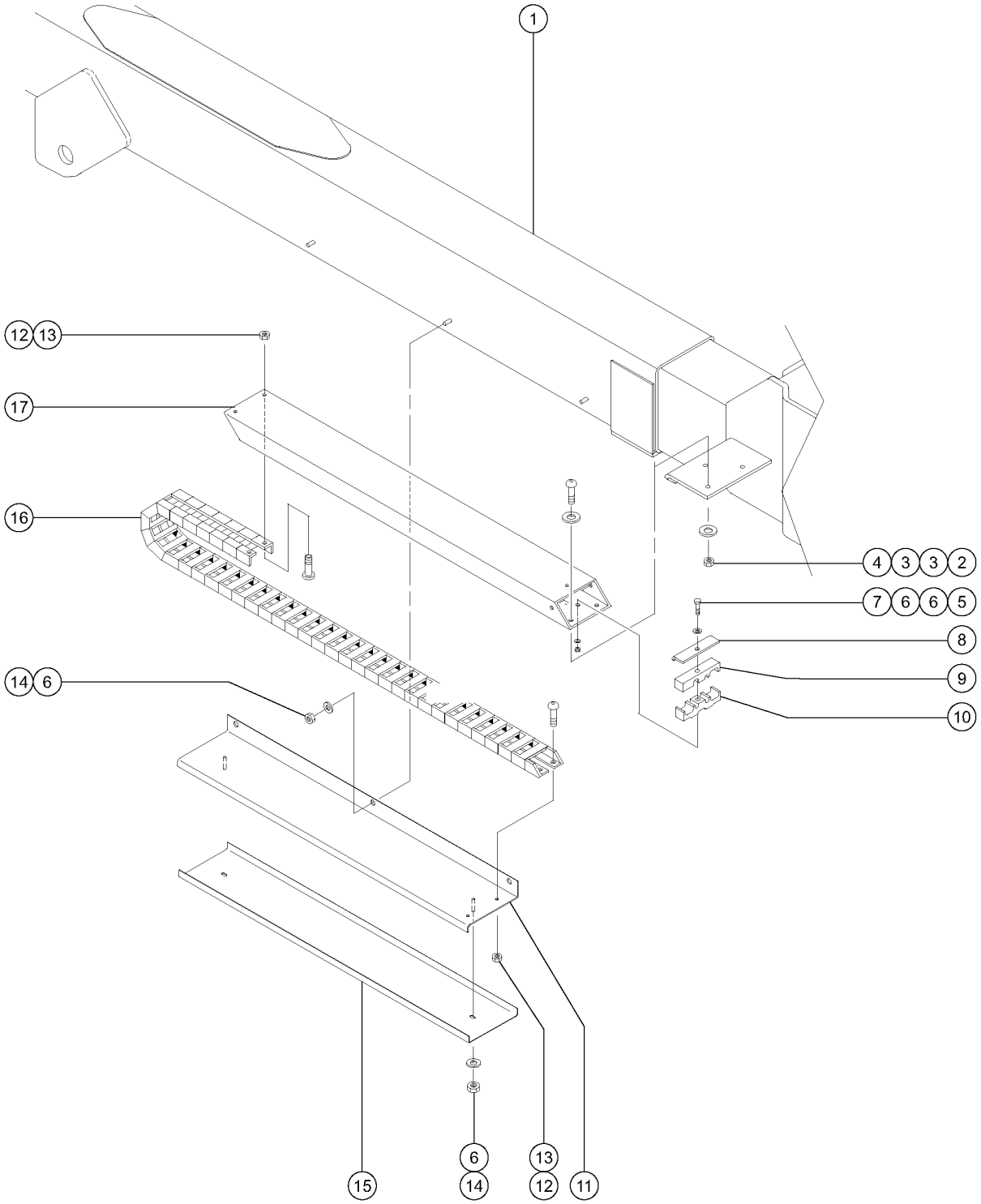
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	1
5	6019GT	SCREW,HHC,3/8-16 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	54131GT	WEAR PAD,PRIMARY BOOM,TOP 6.25X1.5X1.13 Z-45/25J; to SN 33749	1
9B-	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS Z-45/25J; from SN 33750	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 Z-45/25J	
13	29080GT	SHIM,WEAR PAD,5X 1.5 16GA Z-45/25J	
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	

504.2 Primary and Extension Booms, Z-45/25J



Item	Part No.	Description	Qty.
22	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
23B	50304GT	EXTENSION BOOM WELDMNT,JIB,Z45 (Z-45/25J) (from SN 27000 to 33749)	1
23B	119649GT	WELDMNT,EXTENSION BOOM,JIB,Z45 (Z-45/25J) from SN 33750 to 34010)	
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
31	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

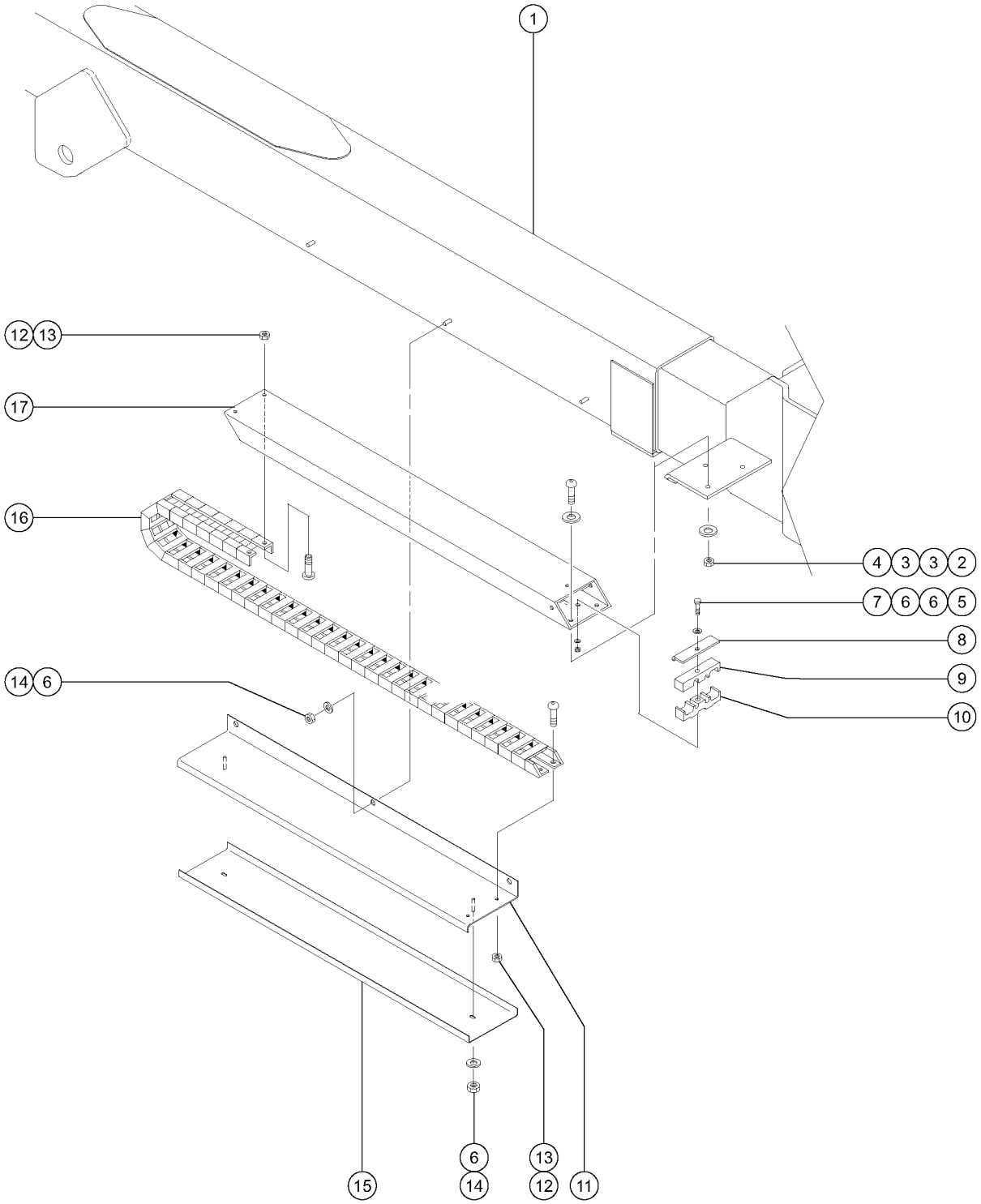
505.1 Cable Track, Z-45/25



505.1 Cable Track, Z-45/25

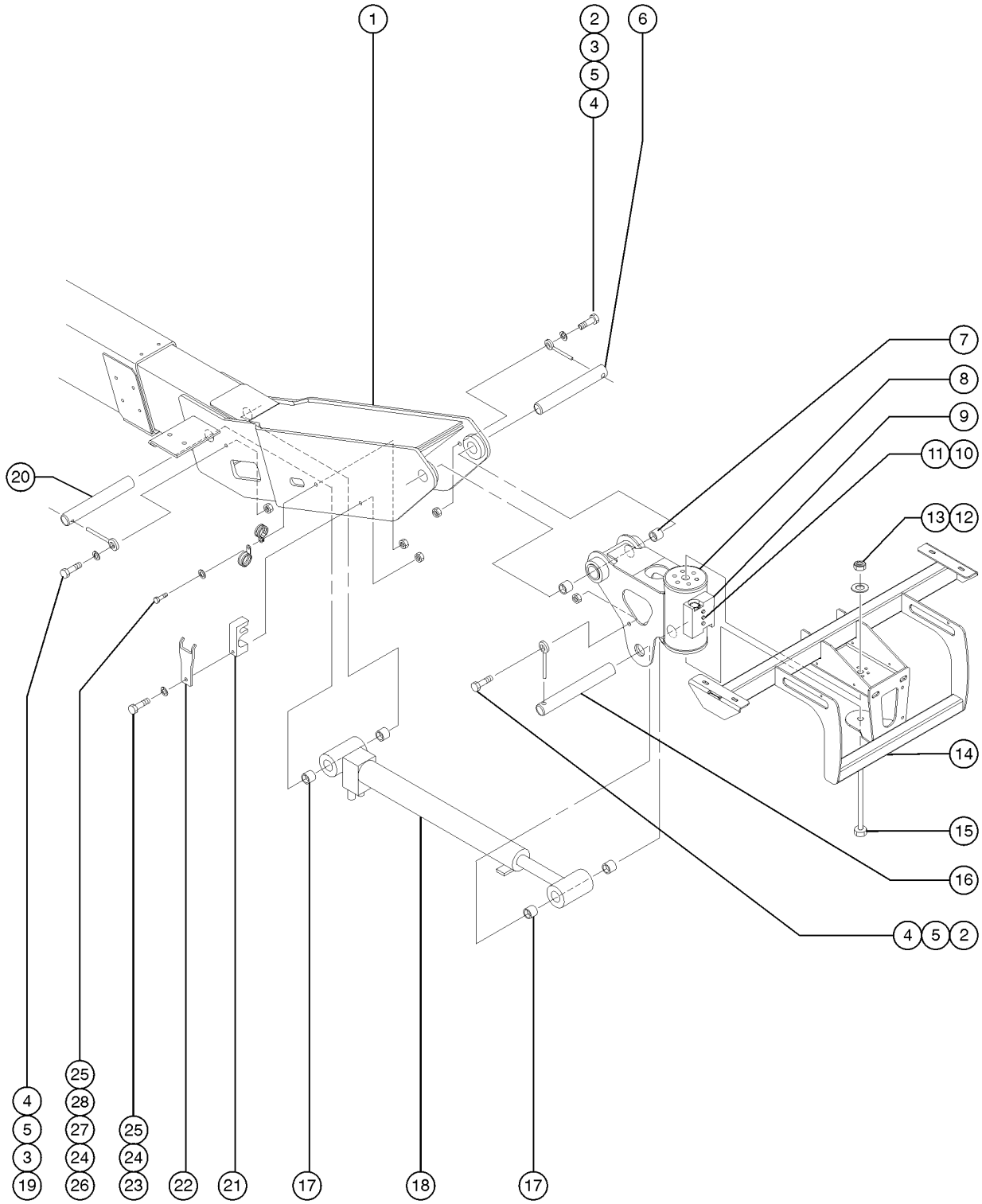
Item	Part No.	Description	Qty.
1		Ref. Primary Boom Tube Assembly (refer to Figure 504.1)	
2	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	54830GT	SCREW,BHSC,1/4-20 X .88,Y/ZINC	
5	6326GT	SCREW,HHC,3/8-16 X 3	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	4828GT	NUT, NYLOCK, 3/8-16	
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	
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	
16A	50452GT	CABLE TRACK,PLASTIC,35 LINK (Z-45/25)	
16A-	58919GT	REPAIR LINK,7 LINKS***	
16A-	58927GT	LINK,NYLATRAC KS6-5.4***	
16A-	58920GT	REPAIR LINK END SET (42763)*	
17A	54460GT	TUBE,CABLE TRACK ARM NON-JIB	

505.2 Cable Track, Z-45/25J



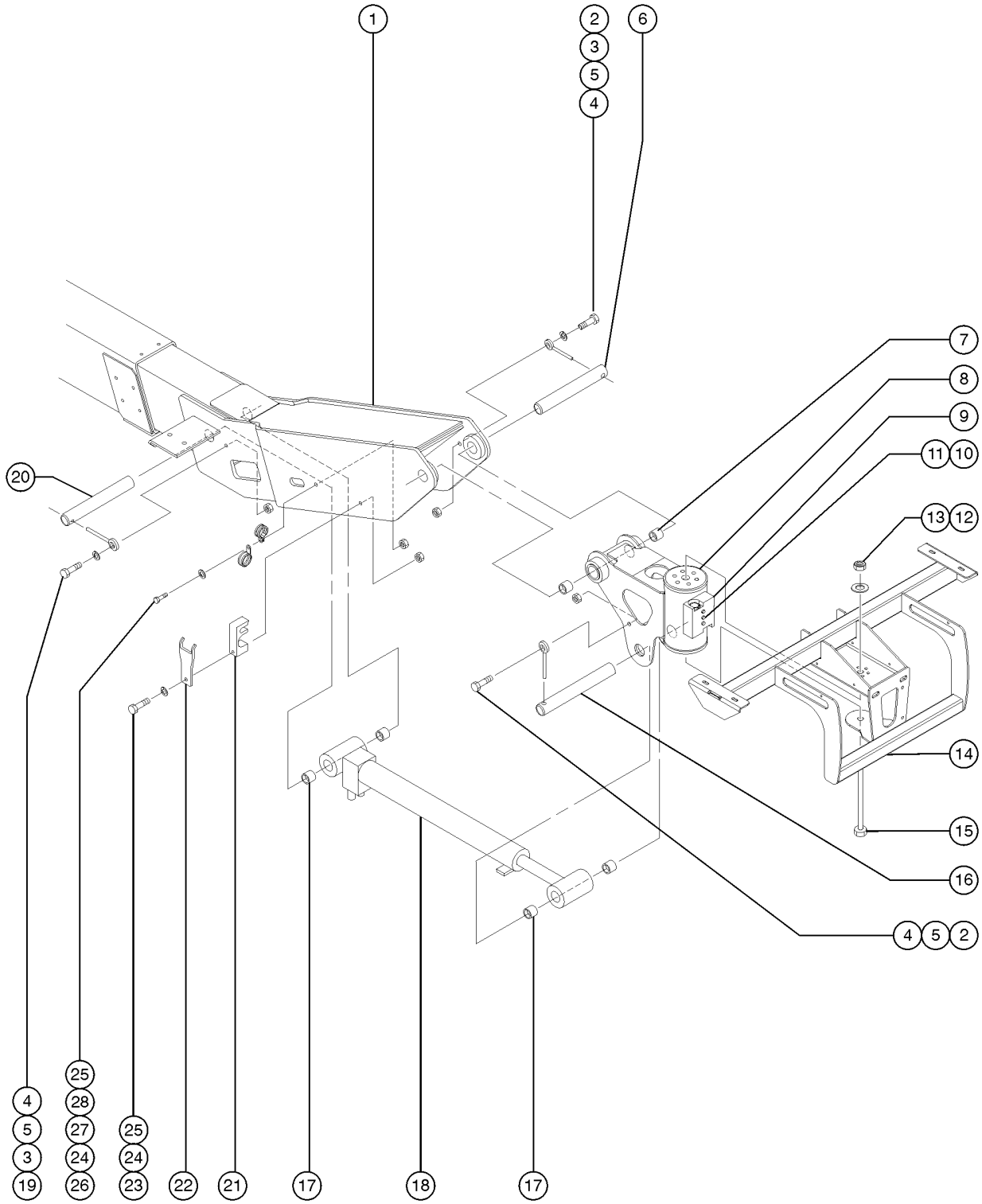
Item	Part No.	Description	Qty.
1		Ref. Primary Boom Tube Assembly (refer to Figure 504.1)	
2	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	54830GT	SCREW,BHSC,1/4-20 X .88,Y/ZINC	
5	6326GT	SCREW,HHC,3/8-16 X 3	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	4828GT	NUT, NYLOCK, 3/8-16	
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	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	1
16B	50451GT	CABLE TRACK,PLASTIC,26 LINK* (Z-45/25J)	1
16B-	58919GT	REPAIR LINK,7 LINKS***	
16B-	58927GT	LINK,NYLATRAC KS6-5.4***	
16B-	58920GT	REPAIR LINK END SET (42763)*	
17B	54461GT	TUBE,CABLE TRACK ARM,JIB	1

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



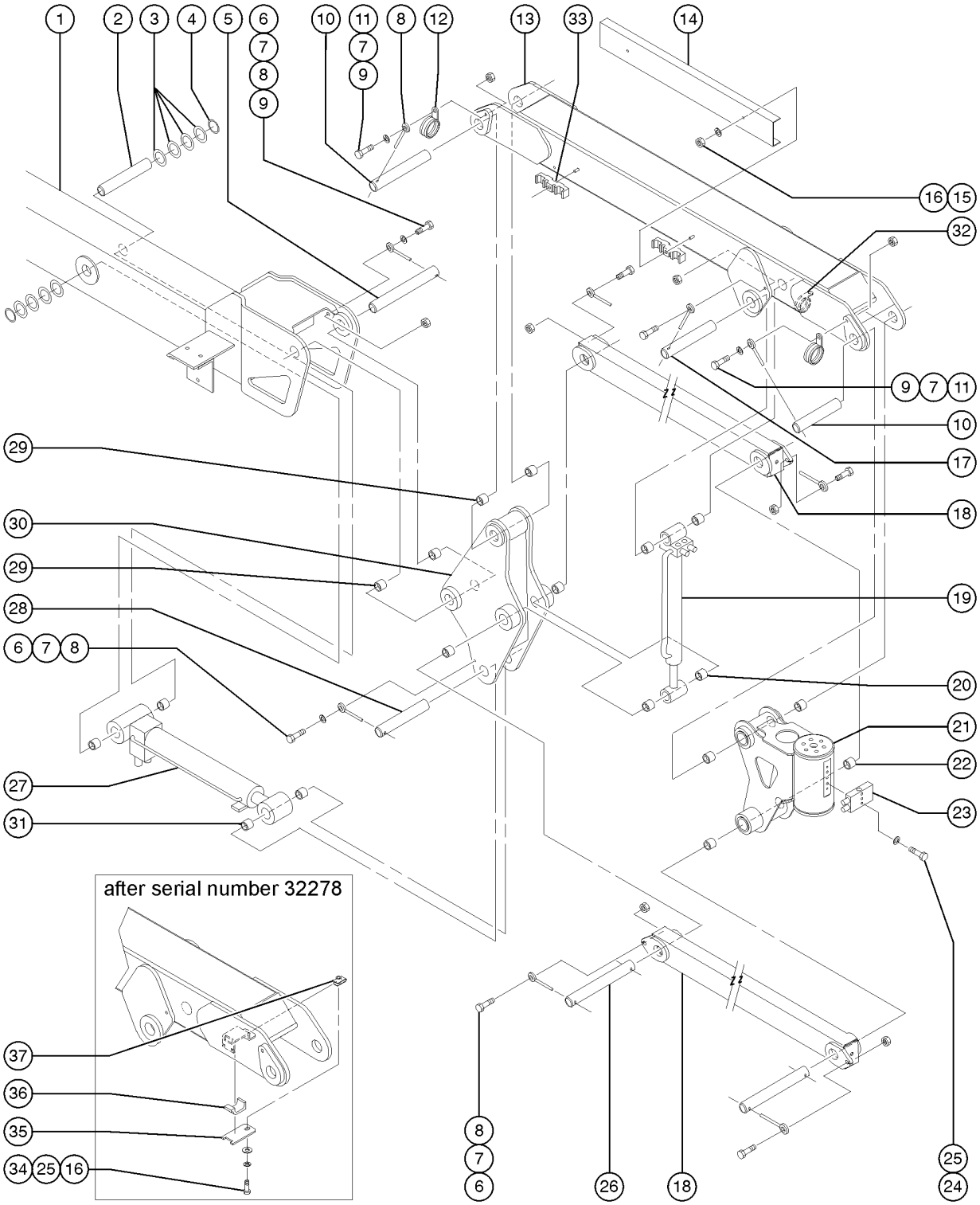
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1		Ref. Primary Extension Boom (refer to 504.1)	
2	8516GT	SCREW, HCC, 3/8-16 X 1.50	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	7713GT	NUT, LP NYLOCK, 3/8-16	
5	825019GT	ROD END, .375X3.69, ZAG	
6	50543GT	PIN,1.25DIAX8.88LG,1HOLE	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 rotator 233716	
8-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* for rotator PN 94402, no longer available)	
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
21	106526GT	CLAMP,HOSE ROUTE,2X#4,LOOM	1
22	107595GT	BRACKET,HOSE CLAMP SUPPORT	1

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



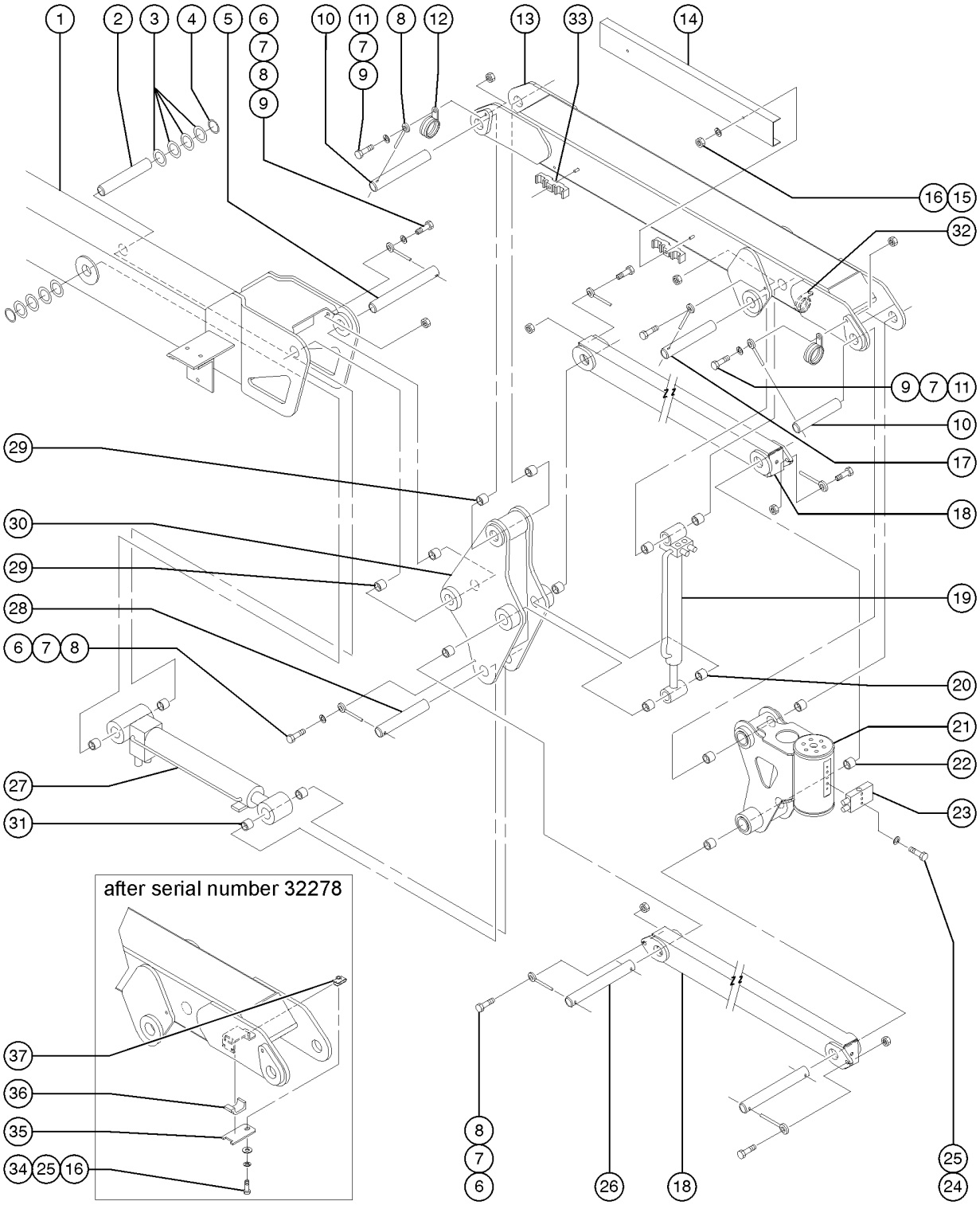
Item	*Part No.*	*Description*	*Qty.*
23	36294GT	SCREW,HHC,1/4-20 X 2.75	
24	6638GT	WASHER, FLAT, USS, 1/4"Y	
25	6091GT	NUT,NYLOCK,1/4-20	
26	6888GT	SCREW, HHC, 1/4-20 X 1	
27	21619GT	CLAMP,1.50,#24 X 1/4,RUB CUSH	
28	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	

507.1 Jib Platform Leveling, Z-45/25J



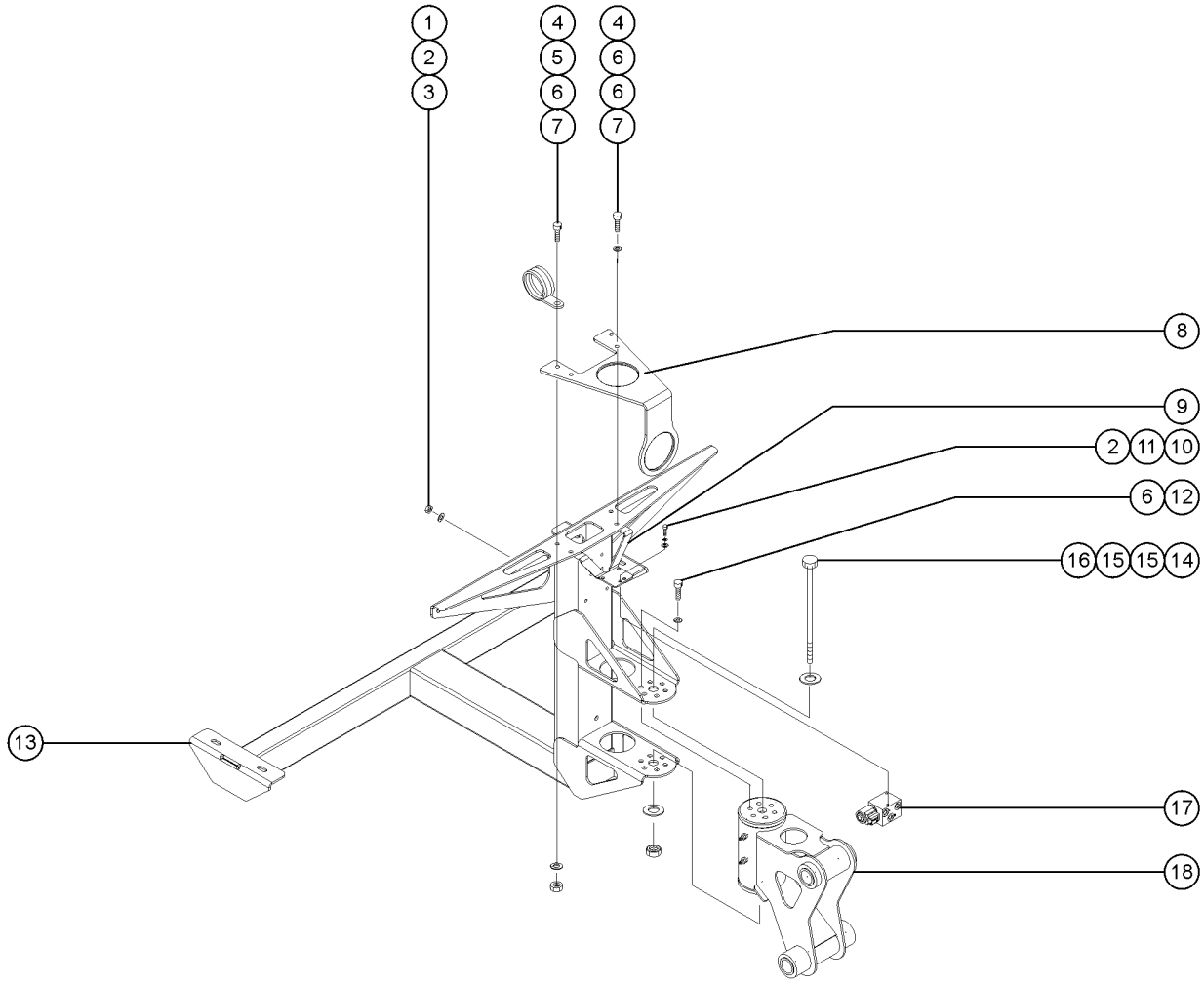
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1		Ref. Primary and Extension Booms (refer to 504.1)	
2	50546GT	PIN,1.25DIAX6.36LG,2RING	1
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
4	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
5	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
6	6019GT	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 509.1 for jib detail	1
14	106540PGT	CABLE COVER,JIB PAINTED	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	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	1
21-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for 233715	

507.1 Jib Platform Leveling, Z-45/25J



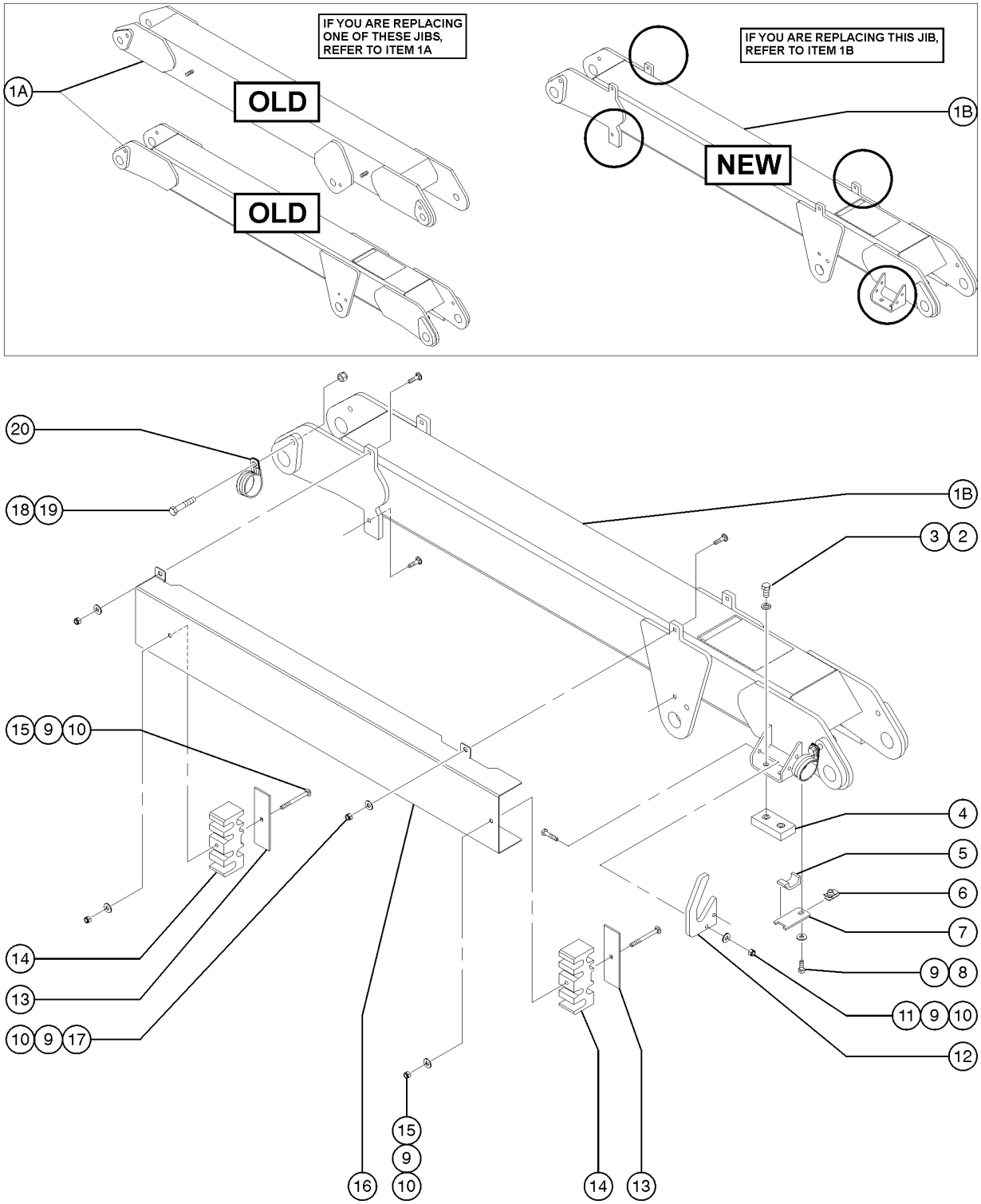
Item	Part No.	Description	Qty.
21-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* (for rotator 94401, no longer available)	
22	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
23		Ref. Counterbalance Manifold (refer to 704.1)	
24	8915GT	SCREW, HHC, 1/4-20 X 1.25	
25	6356GT	WASHER, LOCK, .25	
26	81175GT	PIN,1.25DIAX14.45LG,2HOLE	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	49863GT	CLAMP,1.13,#18 X 3/8,RUB CUSH* to SN 32278	1
33	107901GT	CLAMP, ARCTIC HOSE	2
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	

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



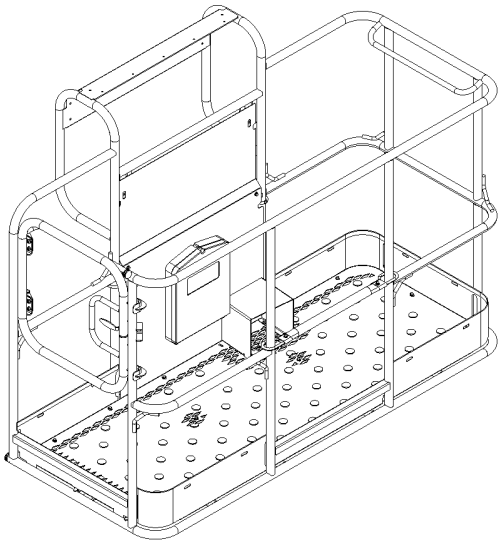
Item	Part No.	Description	Qty.
1	6091GT	NUT,NYLOCK,1/4-20	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	36294GT	SCREW,HHC,1/4-20 X 2.75	
4	13000GT	SCREW,HHC,5/16-18 X 1.25	4
5	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	1
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	6782GT	NUT, NYLOCK, 5/16-18	
8	106163GT	FORMING,CABLE 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 jib models	
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)	
18		Ref. Platform Rotator (refer to 507.1)	1
18-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
18-	88516GT	SCREW,BLEEDER,M5X0.8	

509.1 Jib Detail, Z-45/25J

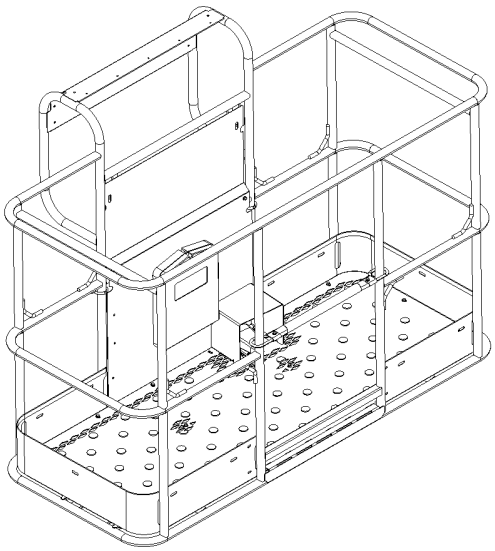


509.1 Jib Detail, Z-45/25J

Item	Part No.	Description	Qty.
1A	128513GT	SERVICE KIT,5FT JIB required for first time replacement (includes part number 128534)	
1B	128534GT	JIB BOOM ASSY W/WORD DECAL use ONLY if service kit 128513 has been installed on the machine	1
2	8255GT	SCREW,HHC,3/8-16 X .75	
3	6021GT	WASHER, LOCK, .375	
4	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	1
5	119542GT	CLAMP,TWO HOSE	1
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
7	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	8915GT	SCREW, HHC, 1/4-20 X 1.25	
12	128482GT	HOSE GUIDE, JIB 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



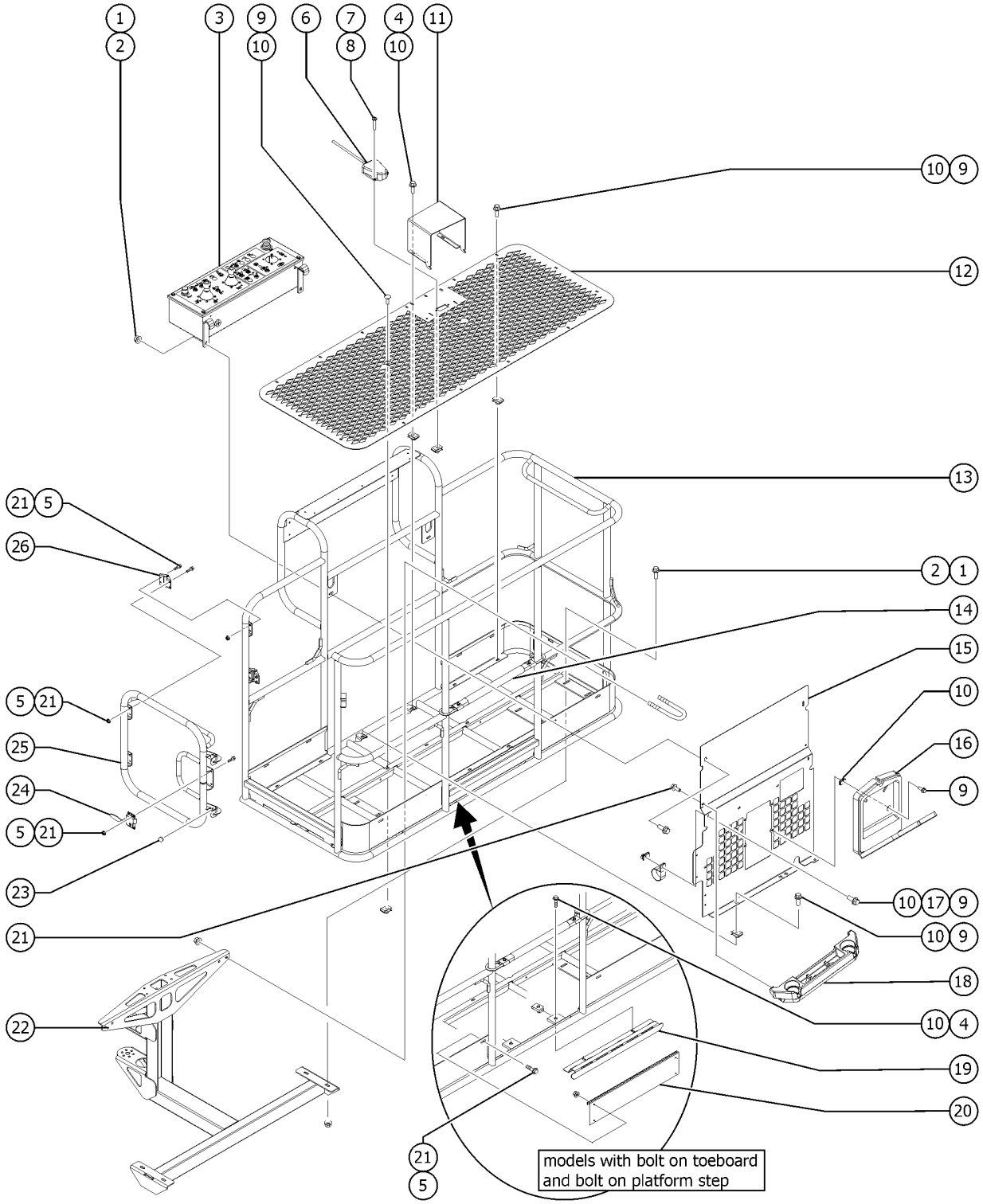
(1) Side Swing Gate Platform



(2) Front Single Entry Platform

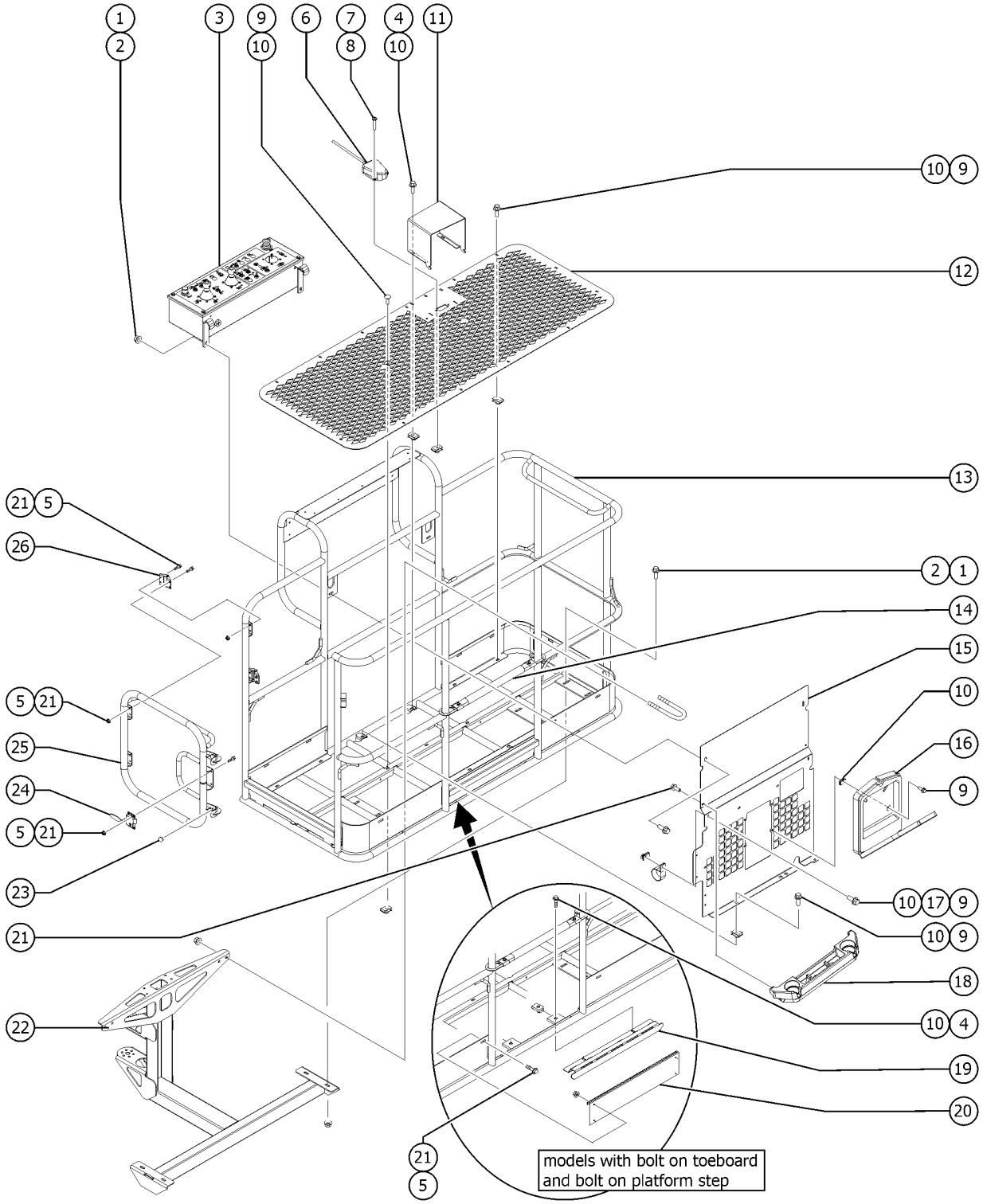
Item	*Part No.*	*Description*	*Qty.*
-		Complete Platform Assemblies with Decals	
A	1275398GT	PLAT ASSY,6' W/SIDE GATE,Z45IC/Z51 ANSI WORD USA and Canadian models	
B	1275399GT	PLAT ASSY,6’ W/SIDE GATE,Z45IC/Z51 AUS Australian models (to SN A-405549) (from SN B-101 to B-1725)	
C	1275400GT	PLAT ASSY,6’ 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



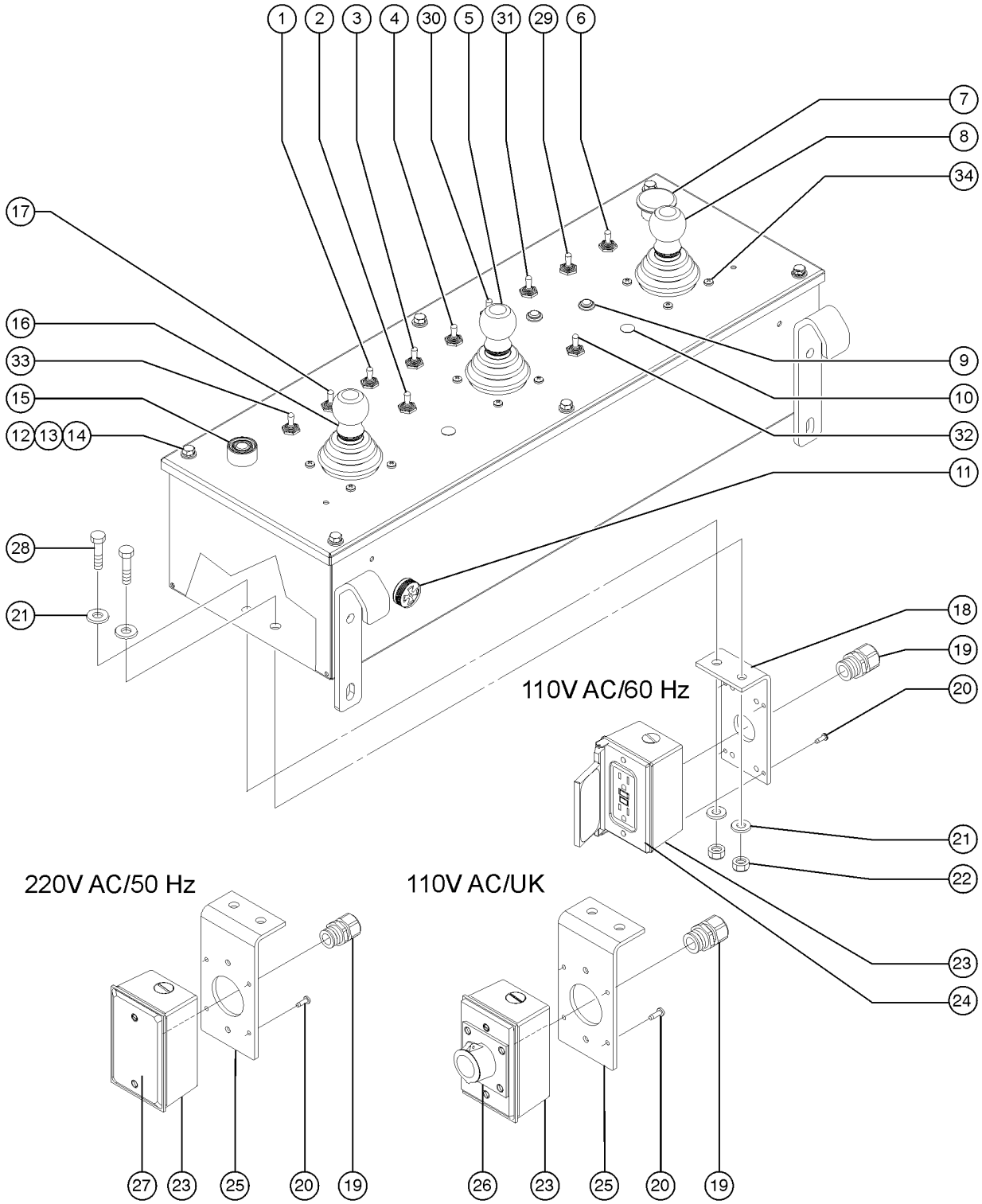
Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	
2	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
3		Ref. Platform Control Box (refer to 603.1 and 604.1)	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	2
6A	73233GT	ASSEMBLY,FOOT SWITCH***	1
-	119058GT	CONN, PLUG, 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	
6B	228468GT	KIT, FOOTSWITCH, Z45 & Z51 for PN 73233	1
-	227617GT	ASSEMBLY,FOOT SWITCH upgrade kit	
6C	227617GT	ASSEMBLY,FOOT SWITCH for PN 228468	1
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

602.1 Platform Components



Item	*Part No.*	*Description*	*Qty.*
17	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	2
18	1289552GT	KIT, PLATFORM WORK TRAY	1
19	73610PGT	STEP PLATFORM ENTRY PAINTED***	1
20	94745GT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
21	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	
22A	54520-SGT	WELDMNT,PLATFRM SUPPORT,NJIB** (non-jib models)	1
22B		Ref. Platform Support (refer to 907.1) models with platform overload option	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

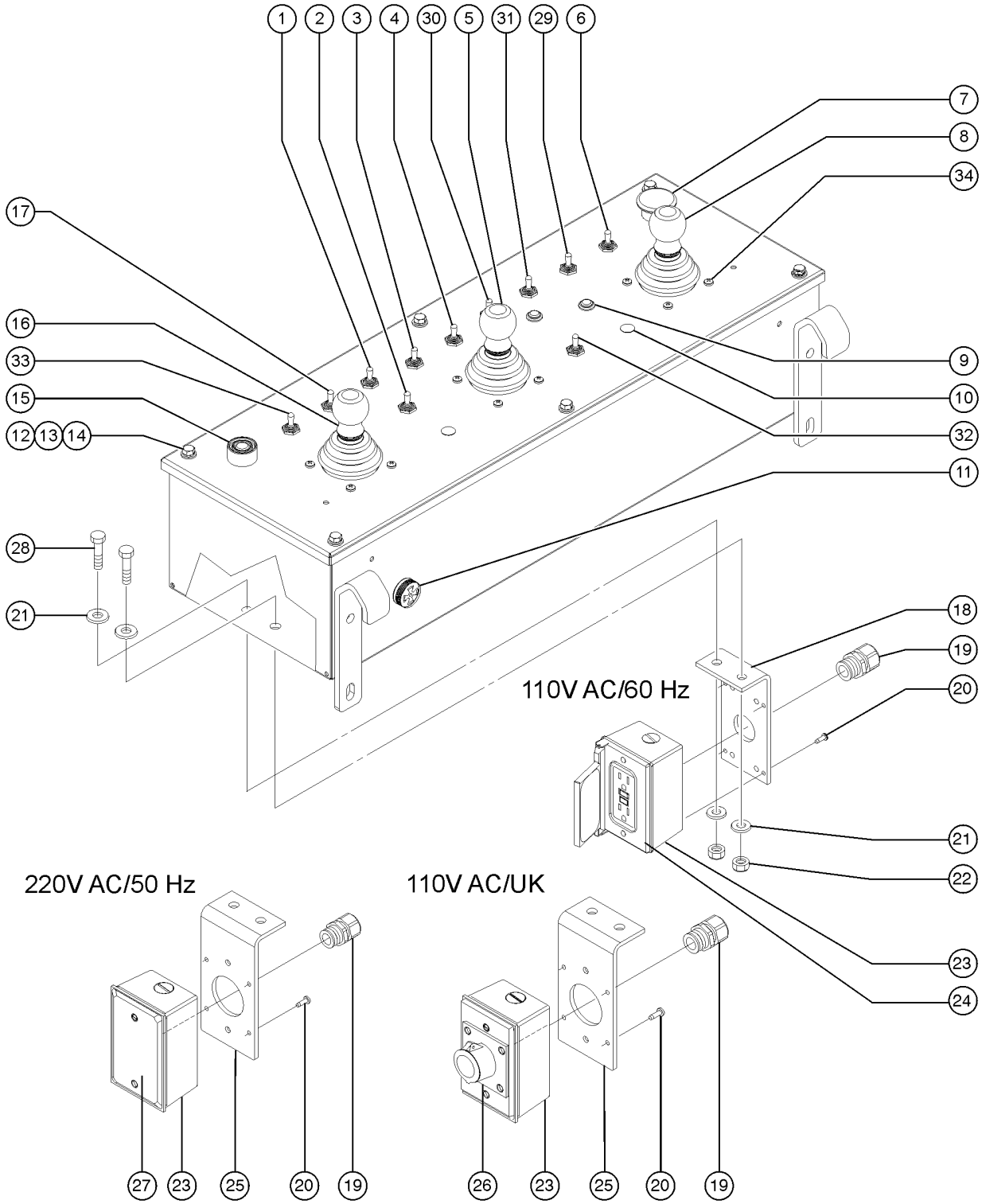
603.1 Platform Control Box - View 1, Z-45/25



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)	
2	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary Boom Ext/Ret; includes boot and hardware	1
2-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
2-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
2-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
3	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary Power; includes boot and hardware	1
3-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
3-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
3-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
4	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Drive Speed; includes boot and hardware	1
4-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
4-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
4-	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	1
6B	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select (Gasoline/LPG models); includes boot and hardware	1
6B-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
6B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
6B-	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	
8A		Ref. Joystick Controller, Multi-Axis (standard)	
8B		Ref. Joystick Controller, Single Axis, with thumb rocker switch (optional)	
9	824878GT	LIGHT,LED IND. RED 24V NH	2

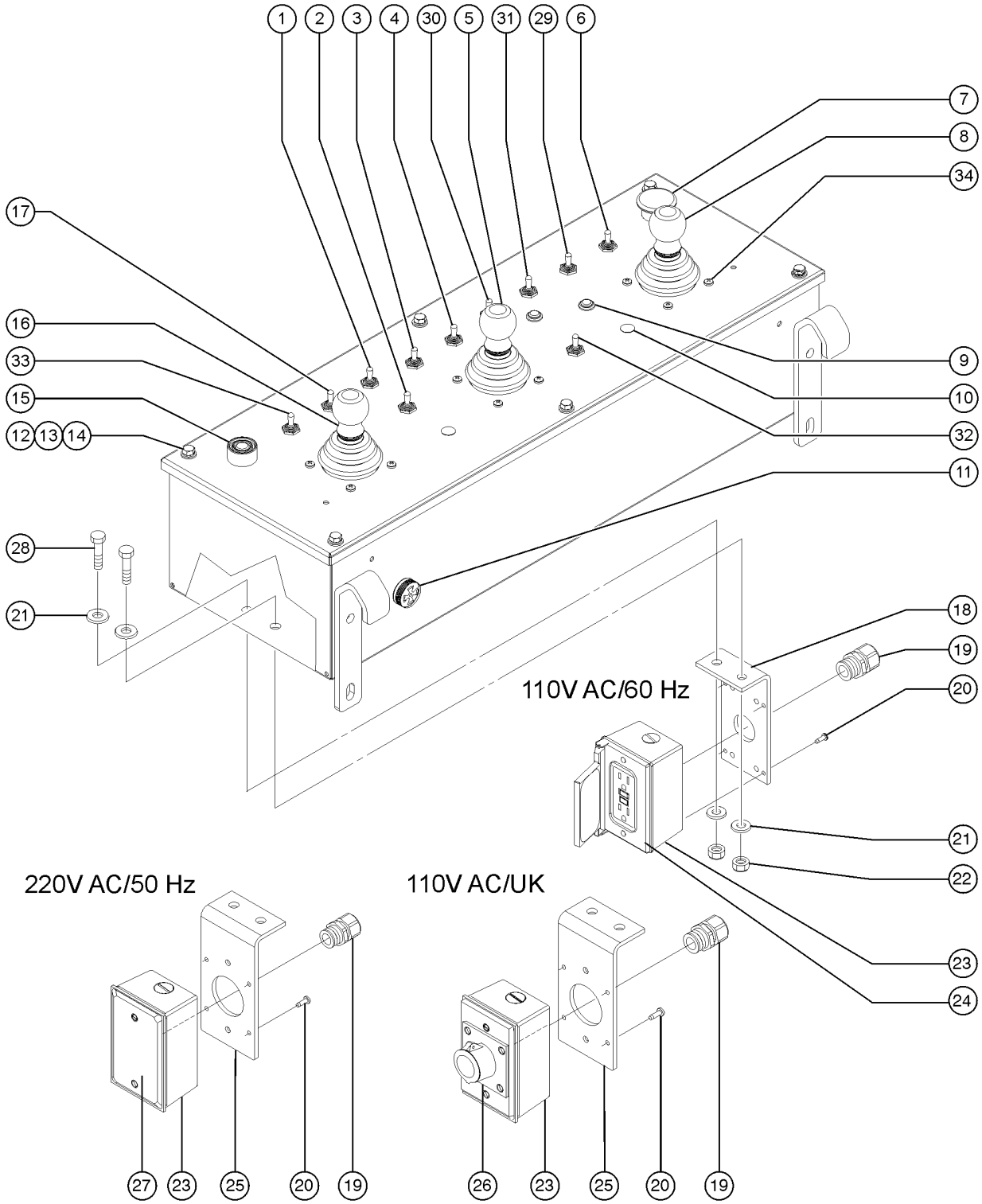
603.1 Platform Control Box - View 1, Z-45/25



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

Item	Part No.	Description	Qty.
10A	45384GT	PLUG,NYLON .50 BLACK DOMED Gasoline/LPG models	2
10B	824879GT	LIGHT,LED IND. RED 12V NH Diesel models	1
10B-	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)	
17	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate; includes boot and hardware	1
17-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
17-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
17-	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	
20	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	81570GT	BRACKET,POWER TO PLAT, UK	1
26	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT Europe (need for first time replacement)	1

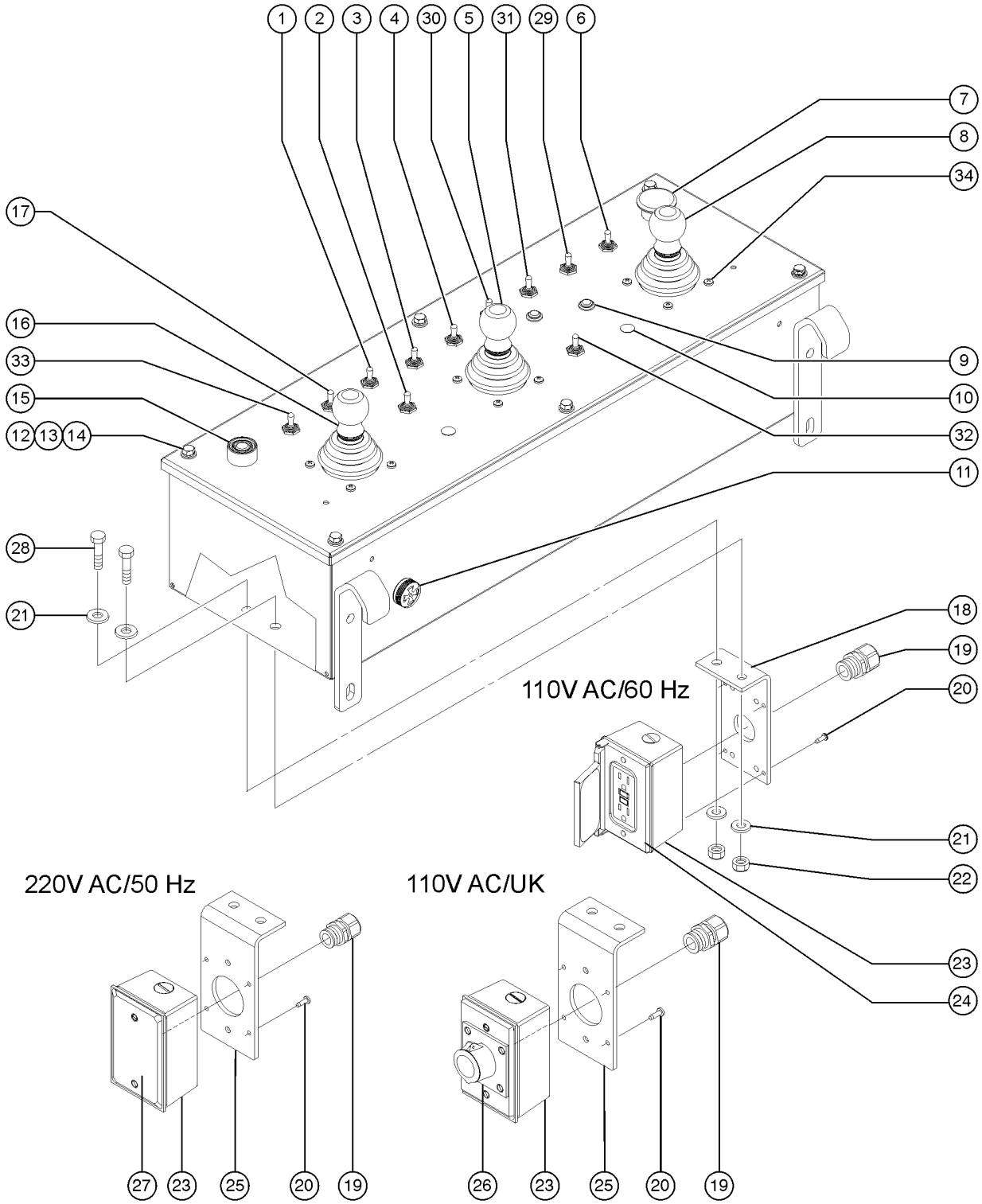
603.1 Platform Control Box - View 1, Z-45/25



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

Item	Part No.	Description	Qty.
26-	T112560GT	RECEPTACLE,UK,110V	
26-	T112561GT	PLATE,UK,POWER TO PLAT	
26-	81458GT	GASKET, UK POWER TO PLAT	
26-	33724GT	KIT,GASKET,UK POWER TO PLAT	
27	10777GT	COVER,BLANK	1
27-	81458GT	GASKET, UK POWER TO PLAT	
27-	33724GT	KIT,GASKET,UK POWER TO PLAT	
28	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
29	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select (Gasoline/LPG models); includes boot and hardware	
29-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
29-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
30	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow Plug; includes boot and hardware	1
30-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
30-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
30-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
31	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start; includes boot and hardware	1
31-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
31-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
31-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
32	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Enable; includes boot and hardware	1
32-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
32-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
32-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
33	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform Level; includes boot and hardware	1
33-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
33-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
33-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

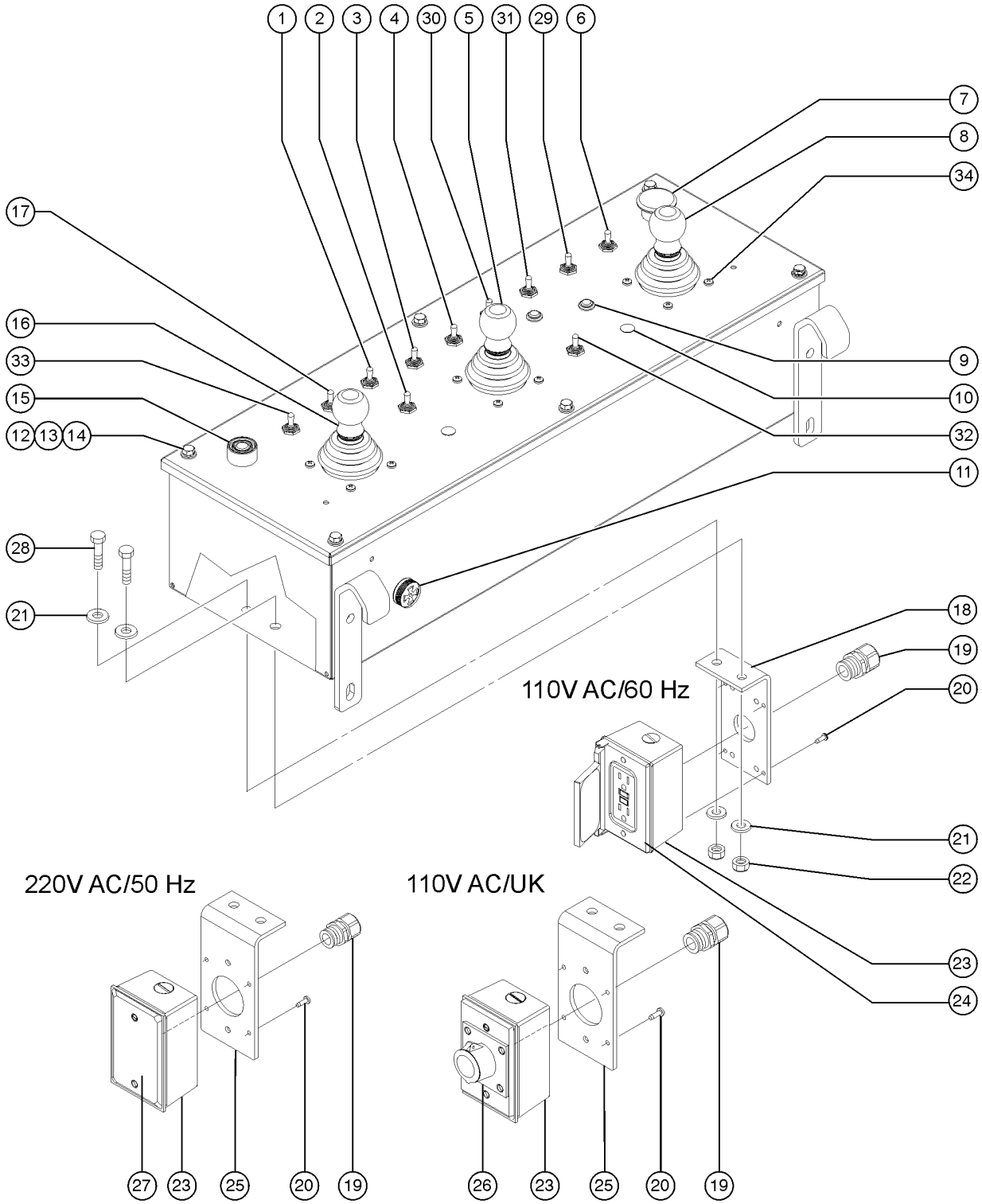
603.1 Platform Control Box - View 1, Z-45/25



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

Item	Part No.	Description	Qty.
34	62385GT	SCREW,PHM,M5X.8X10MM SELF TAP	

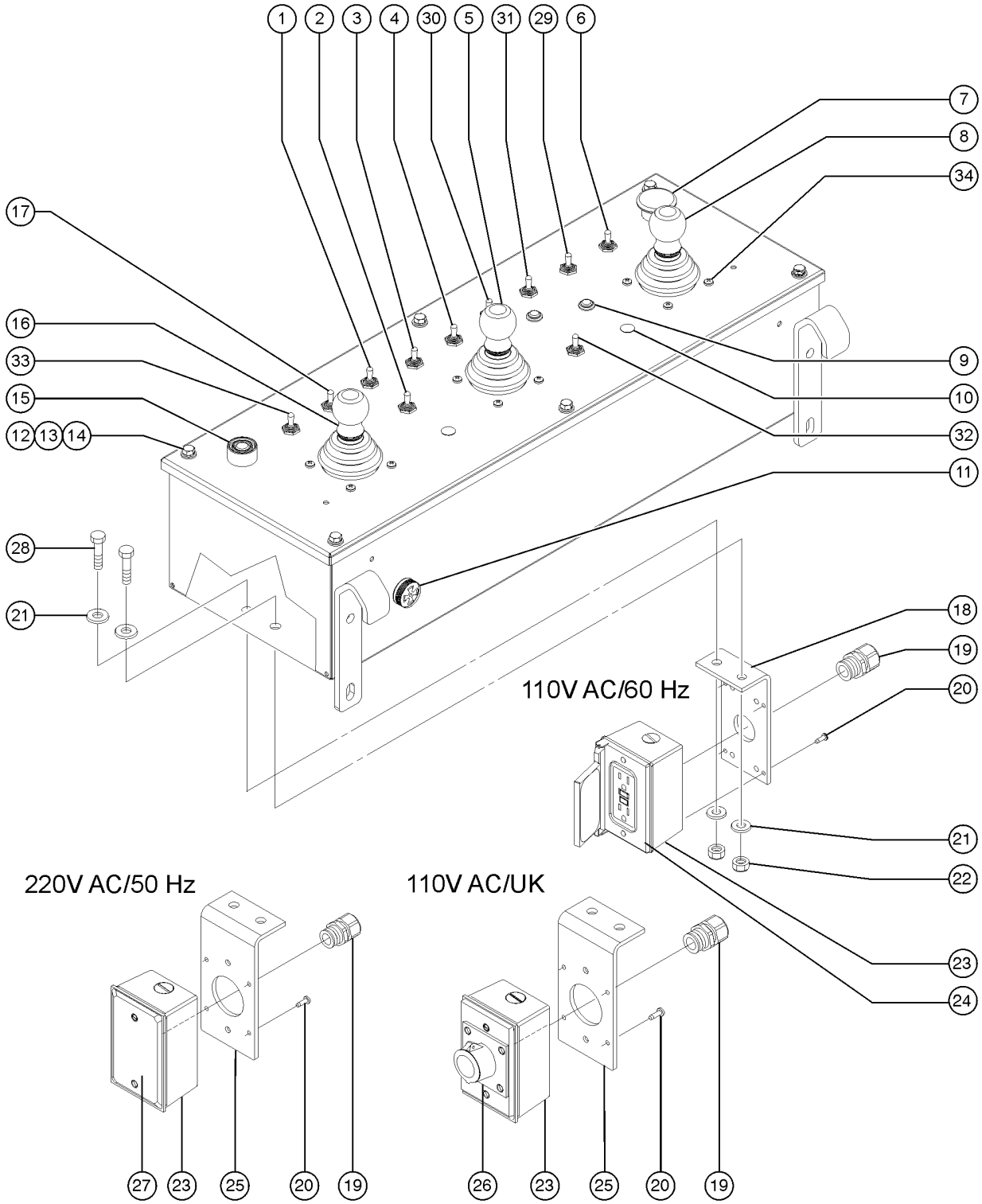
603.2 Platform Control Box - View 1, Z-45/25J



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	
1	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Jib Boom (Z-45/25J); includes boot and hardware	1
1-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
1-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
2	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary Boom Ext/Ret; includes boot and hardware	1
2-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
2-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
3	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary Power; includes boot and hardwar	1
3-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
3-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
4	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Drive Speed; includes boot and hardwar	1
4-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
4-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
5		Ref. Joystick Controller, Single Axis (refer to 604.1 and 604.2)	
6A	45384GT	PLUG,NYLON .50 BLACK DOMED Diesel models	1
6B	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select (Gas/LPG models); includes boot and hardware	
6B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
6B-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
7	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
7-	94506GT	BASE,W/3 NC CONTACTS includes 3 N.C. contacts	
7-	66818GT	CONTACT,NC	
8A		Ref. Joystick Controller, Multi-Axis (standard)	
8B		Ref. Joystick Controller, Single Axis, with thumb rocker switch (optional)	
9	824878GT	LIGHT,LED IND. RED 24V NH	2
10A	45384GT	PLUG,NYLON .50 BLACK DOMED Gasoline/LPG models	2

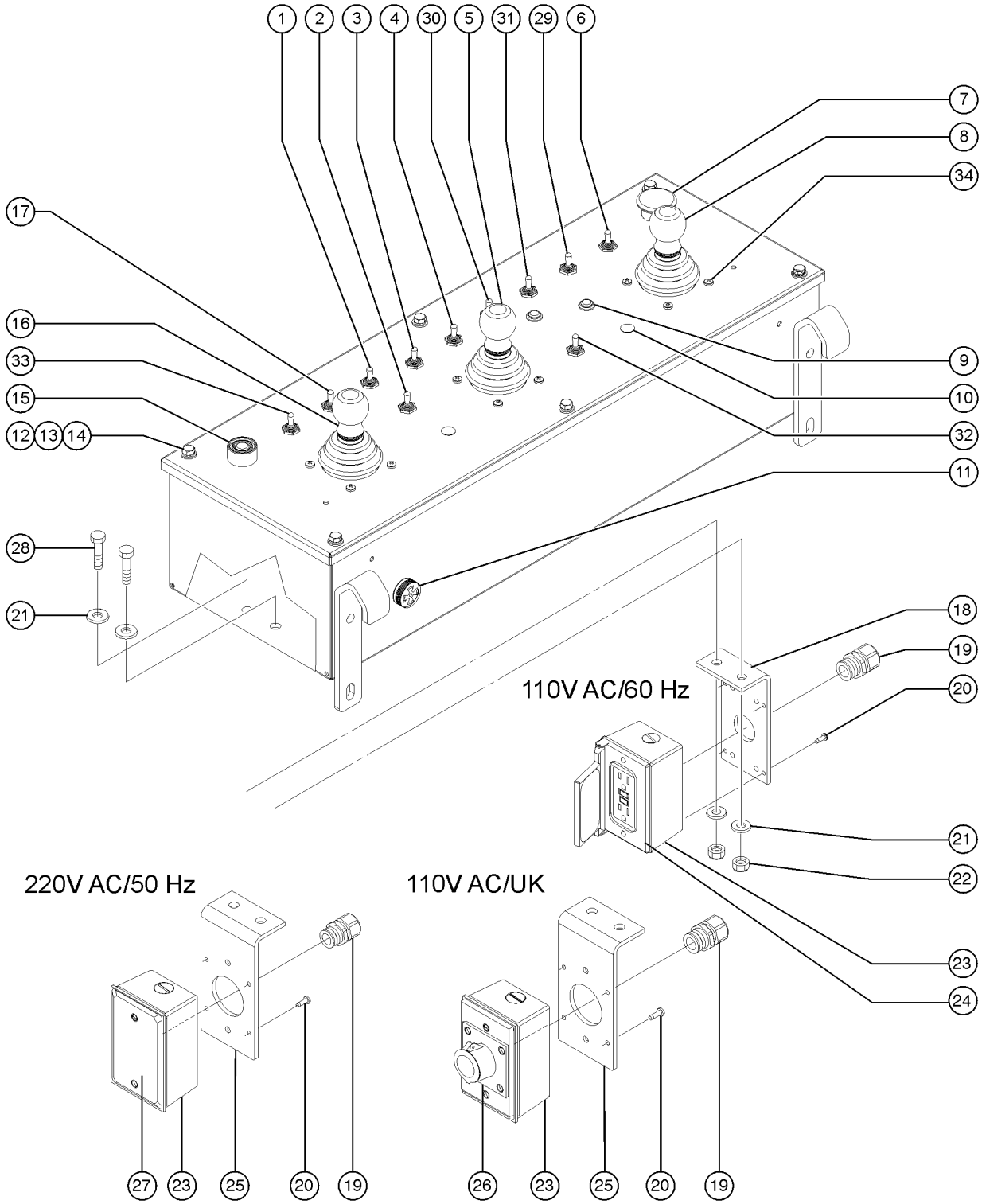
603.2 Platform Control Box - View 1, Z-45/25J



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

Item	Part No.	Description	Qty.
10B	824879GT	LIGHT,LED IND. RED 12V NH Diesel models	1
10B-	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)	
17	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
17-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
17-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
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	
20	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	81570GT	BRACKET,POWER TO PLAT, UK	1
26	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT Europe (need for first time replacement)	1
26-	T112560GT	RECEPTACLE,UK,110V	
26-	T112561GT	PLATE,UK,POWER TO PLAT	

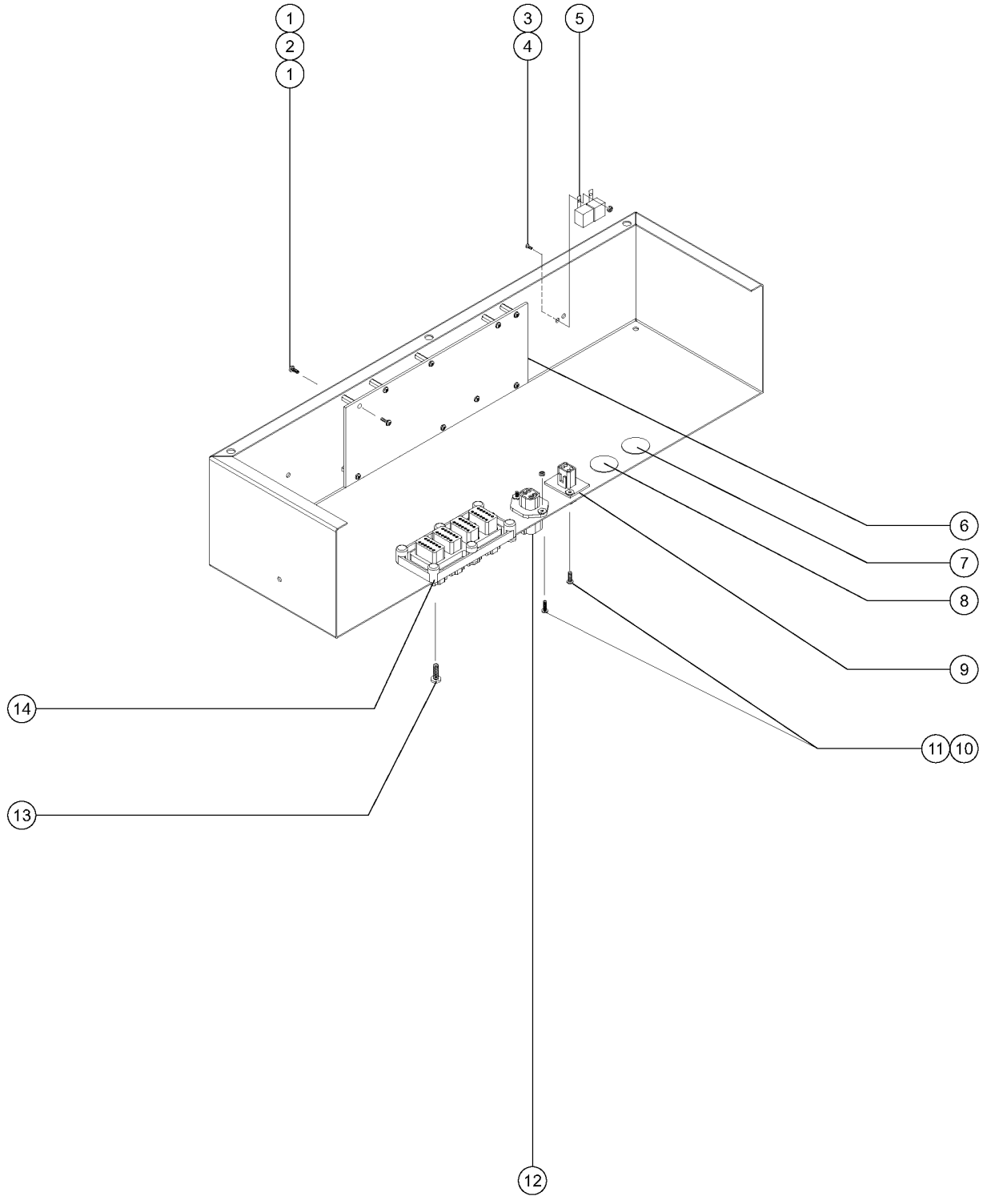
603.2 Platform Control Box - View 1, Z-45/25J



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

Item	Part No.	Description	Qty.
26-	81458GT	GASKET, UK POWER TO PLAT	
26-	33724GT	KIT,GASKET,UK POWER TO PLAT	
27	10777GT	COVER,BLANK	1
27-	81458GT	GASKET, UK POWER TO PLAT	
27-	33724GT	KIT,GASKET,UK POWER TO PLAT	
28	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
29	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Engine Idle (Gasoline/LPG models); includes boot and hardware	1
29-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
29-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
29-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
30	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow Plug; includes boot and hardware	1
30-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
30-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
30-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
31	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start; includes boot and hardware	1
31-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
31-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
31-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
32	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Enable; includes boot and hardware	1
32-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
32-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
32-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
33	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform Level; includes boot and hardware	1
33-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
33-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
33-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
34	62385GT	SCREW,PHM,M5X.8X10MM SELF TAP	

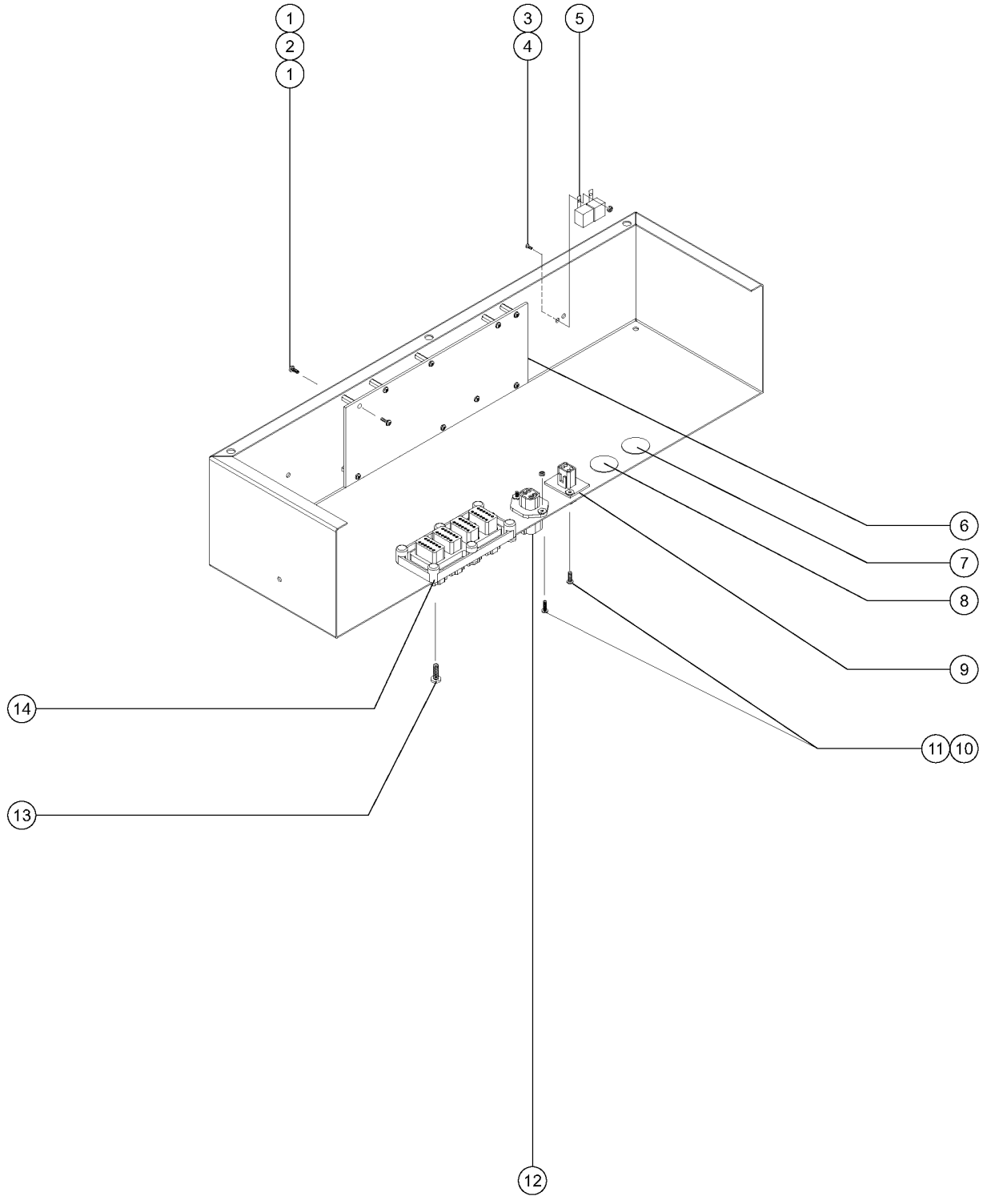
604.1 Platform Control Box - View 2, Z-45/25



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	
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
6	235473GT	ASSY,PCB ALC500 GENII Z45 V201 (from SN 22051) (Machine model and serial number required when ordering)	
6-	56029GT	CONNECTOR,MOLEX 24-WAY**	
6-	56030GT	TERMINAL,MOLEX 16 GAUGE***	
6-	56561GT	TOOL,TERMINAL CRIMPER,MOLEX***	
6-	56562GT	TOOL,TERMINAL EXTRACTOR,MOLEX	
6A	T111107GT	ASSY,ALC500 BOARD HEATER	
6A-	147661GT	PLATE,PLAT HEAT,ALC500 GEN II	1
6A-	218180GT	HARNESS,CONTROL BOX HEATER	1
6A-	27287GT	RESISTOR,10 OHM,25 WATT for 119560	2
6A-	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
6A-	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	5
6A-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
6A-	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	

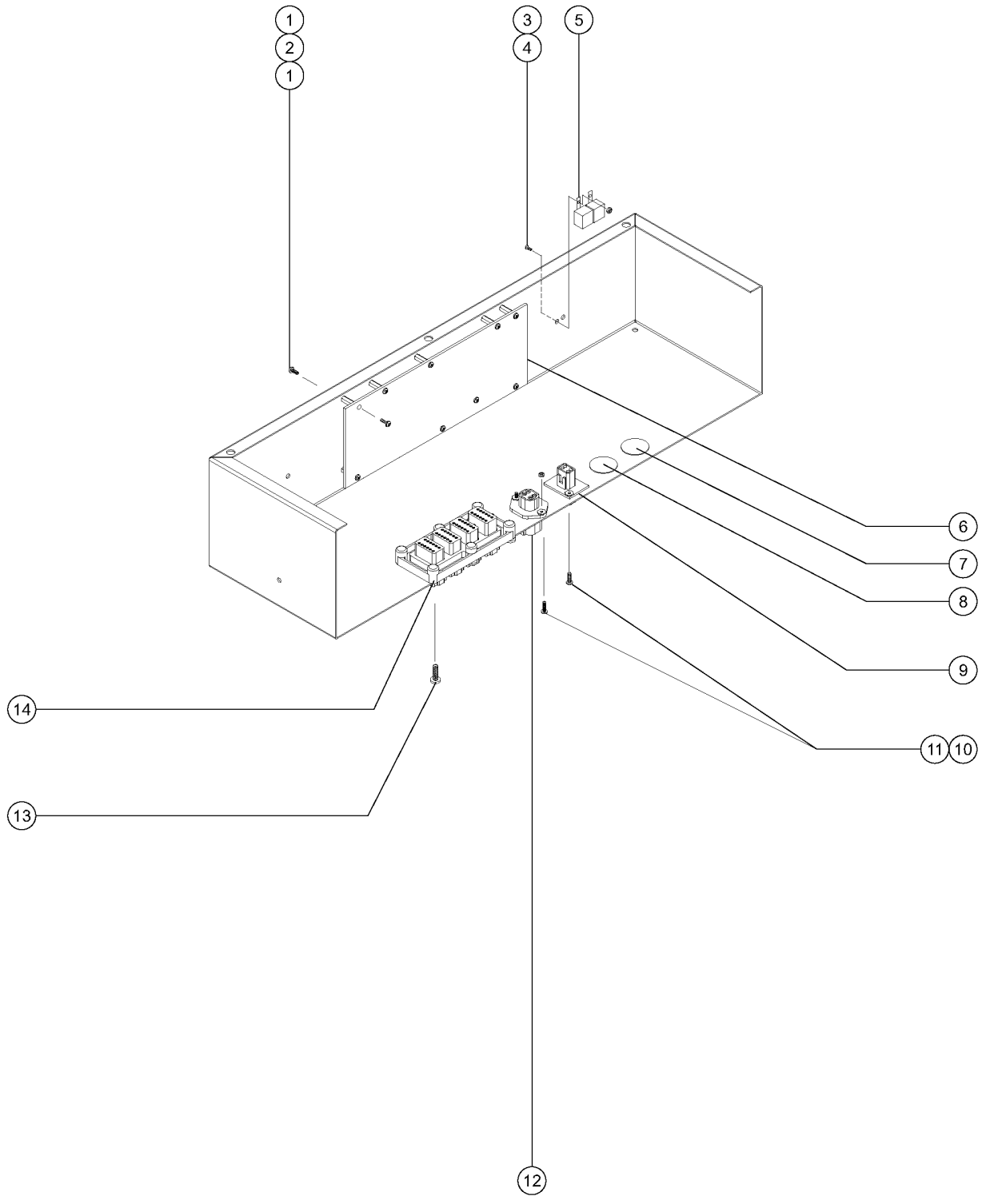
604.1 Platform Control Box - View 2, Z-45/25



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

Item	Part No.	Description	Qty.
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)	

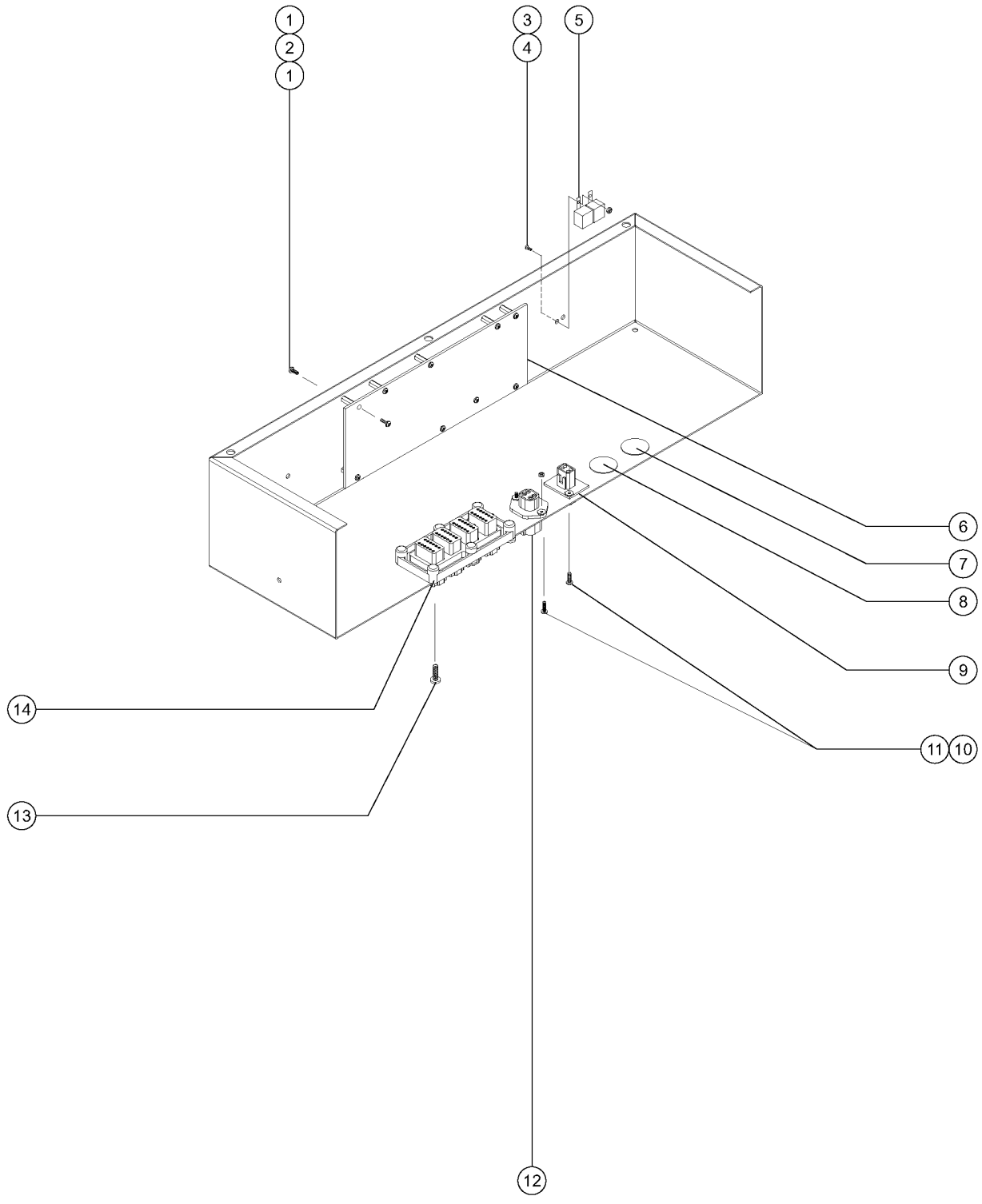
604.2 Platform Control Box - View 2, Z-45/25J



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	
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
6	235473GT	ASSY,PCB ALC500 GENII Z45 V201 (from SN 22051) (Machine model and serial number required when ordering)	
6-	56029GT	CONNECTOR,MOLEX 24-WAY**	
6-	56030GT	TERMINAL,MOLEX 16 GAUGE***	
6-	56561GT	TOOL,TERMINAL CRIMPER,MOLEX***	
6-	56562GT	TOOL,TERMINAL EXTRACTOR,MOLEX	
6A-	119250GT	BRACKET,PLATFORM HEATER OPT	1
6A-	119560GT	WIRING KIT,CONTROL BOX HEATER	1
6A-	27287GT	RESISTOR,10 OHM,25 WATT	2
6A-	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
6A-	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	1
6A-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
6A-	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	

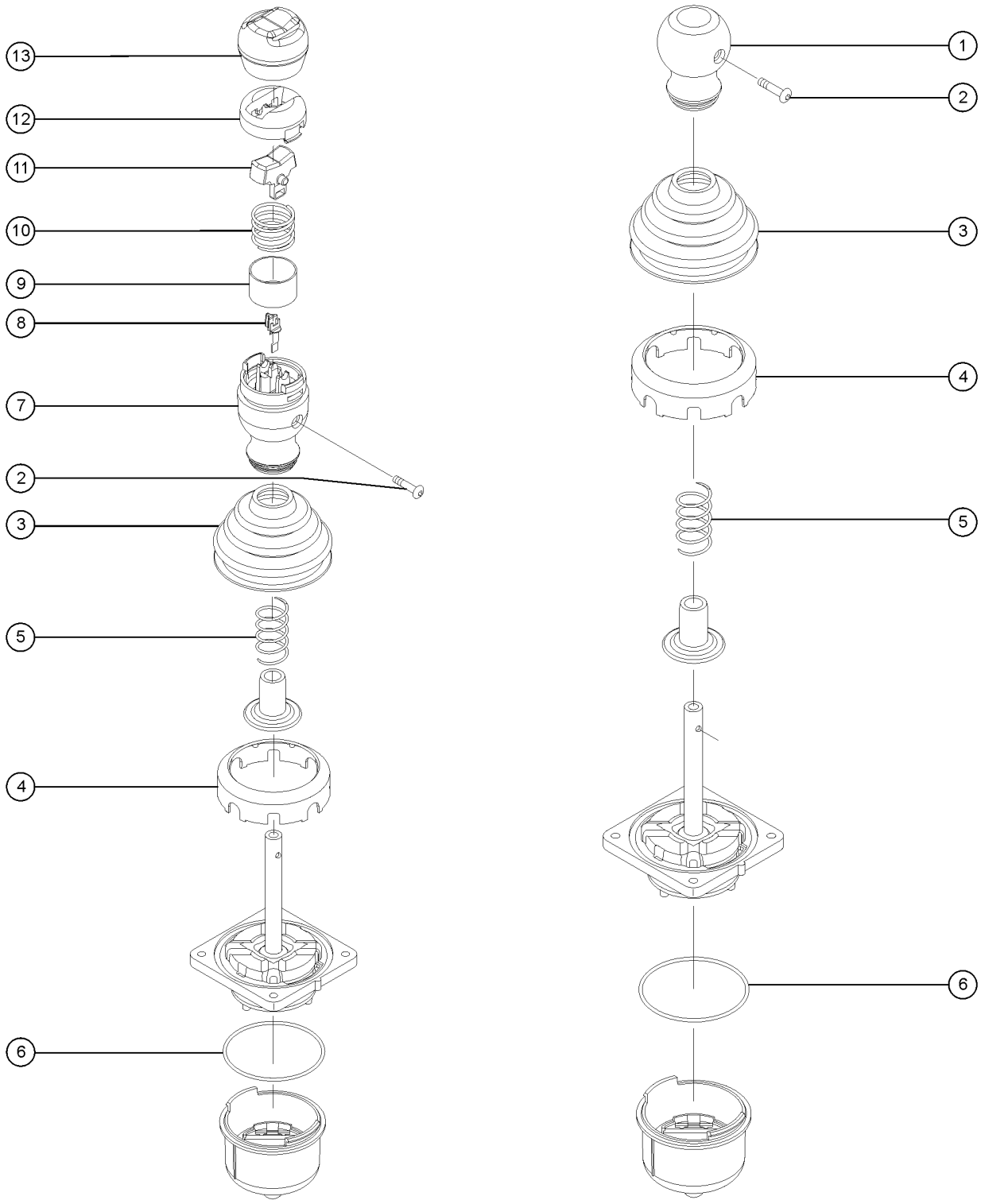
604.2 Platform Control Box - View 2, Z-45/25J



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

Item	Part No.	Description	Qty.
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)	

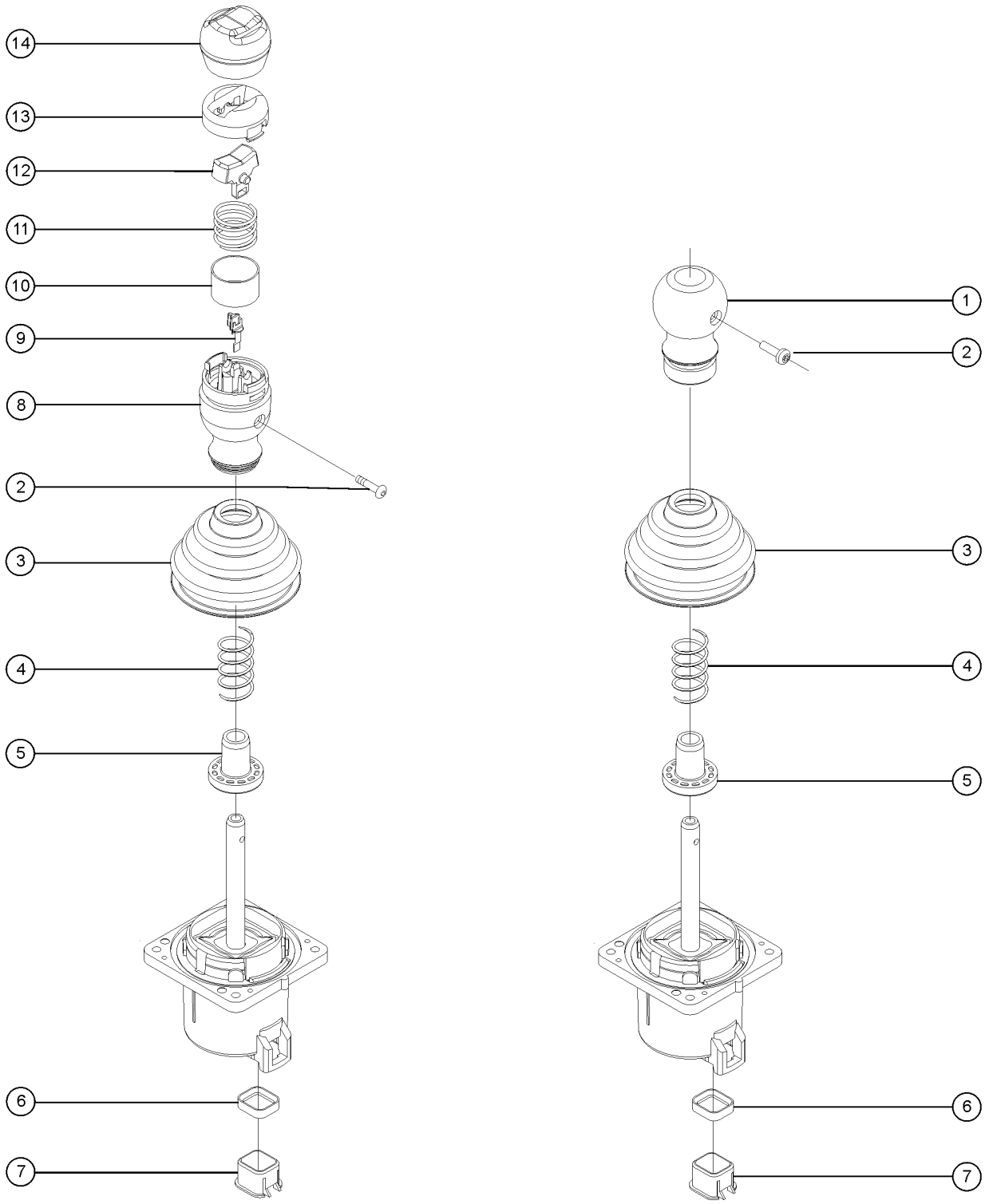
605.1 Joysticks (to SN 31327)



605.1 Joysticks (to SN 31327)

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

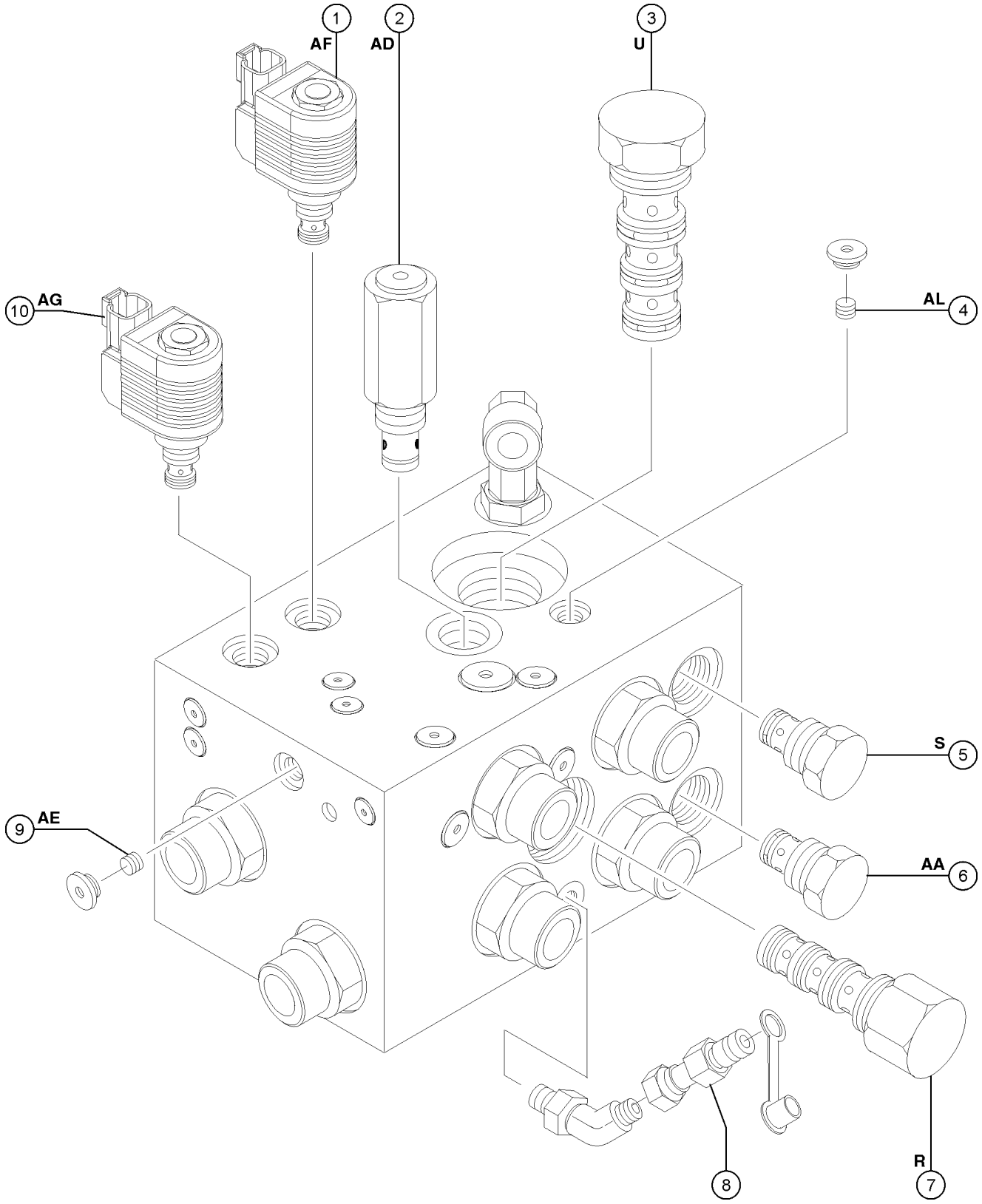
605.2 Joysticks (from SN 31328)



605.2 Joysticks (from SN 31328)

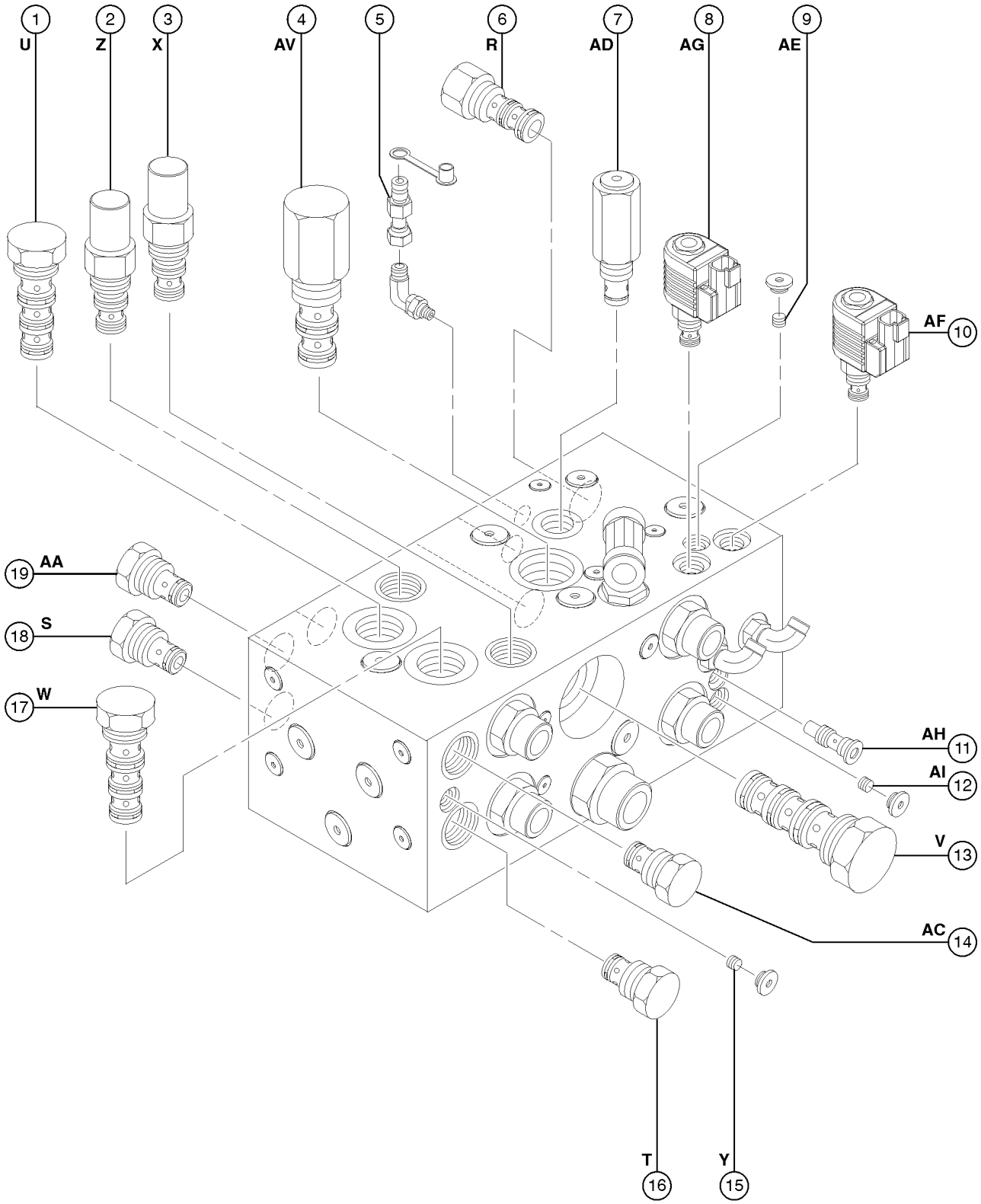
Item	Part No.	Description	Qty.
A-	101174GT	JOYSTICK,2 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
B-	101174HGT	JOYSTICK,DUAL AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
C-	101175GT	JOYSTICK,1 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
D-	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
E-	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH OEM joystick (calibration required after replacement)	
F-	101005HGT	JOYSTICK, SINGLE AXIS W/STEER aftermarket joystick (calibration required after replacement)	
G-	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
H-	119613GT	HARN JOYSTICK ADAPTOR JS100 Used only on units prior to SN 31328	
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



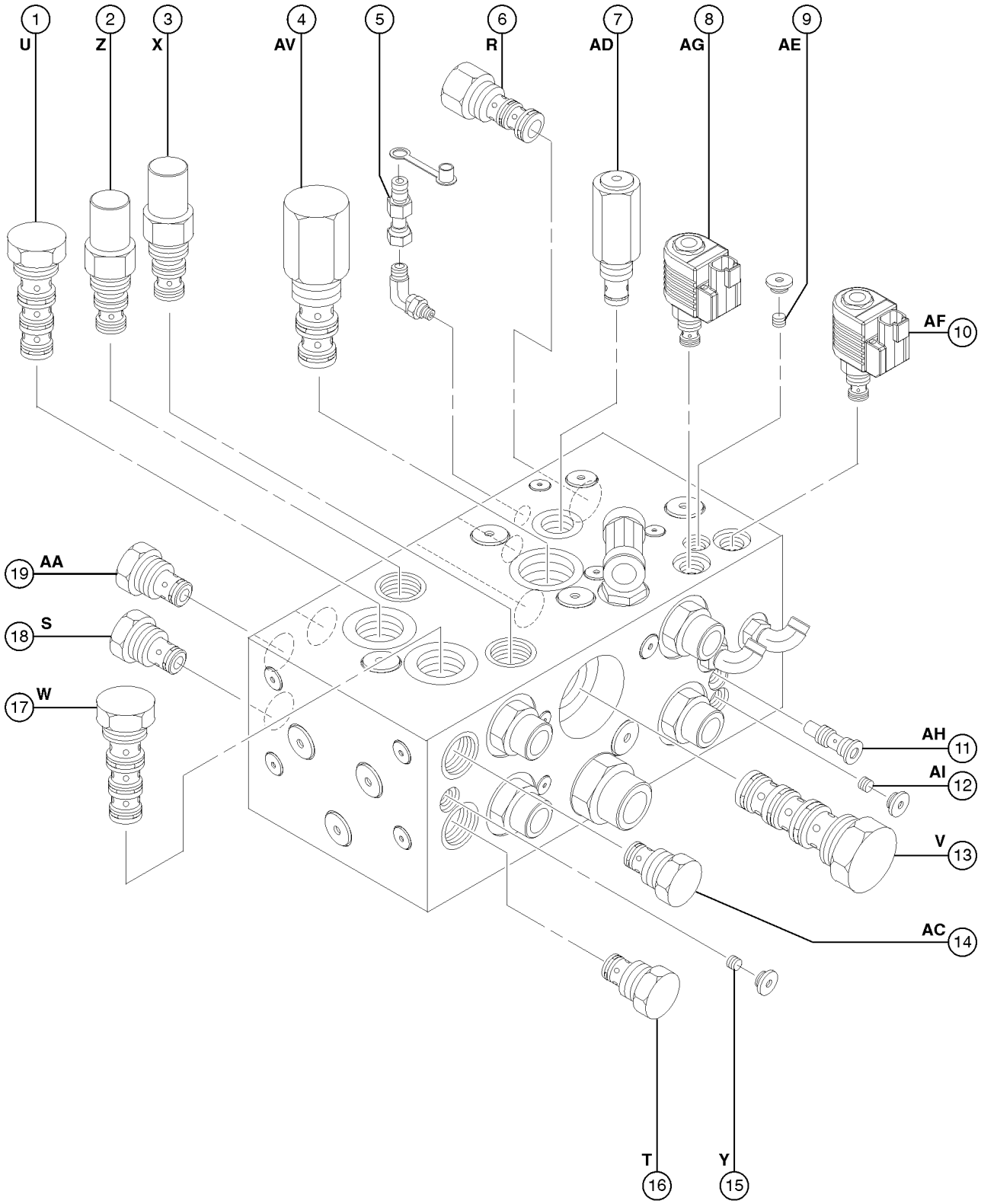
Item	Part No.	Description	Qty.
	101590GT	MANIFOLD,2WD TRACT W/O FIT***	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY AF, Brake circuit	
1-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
1-	52943GT	NUT, SOLENOID VALVE COIL	
1	72043GT	SEAL 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



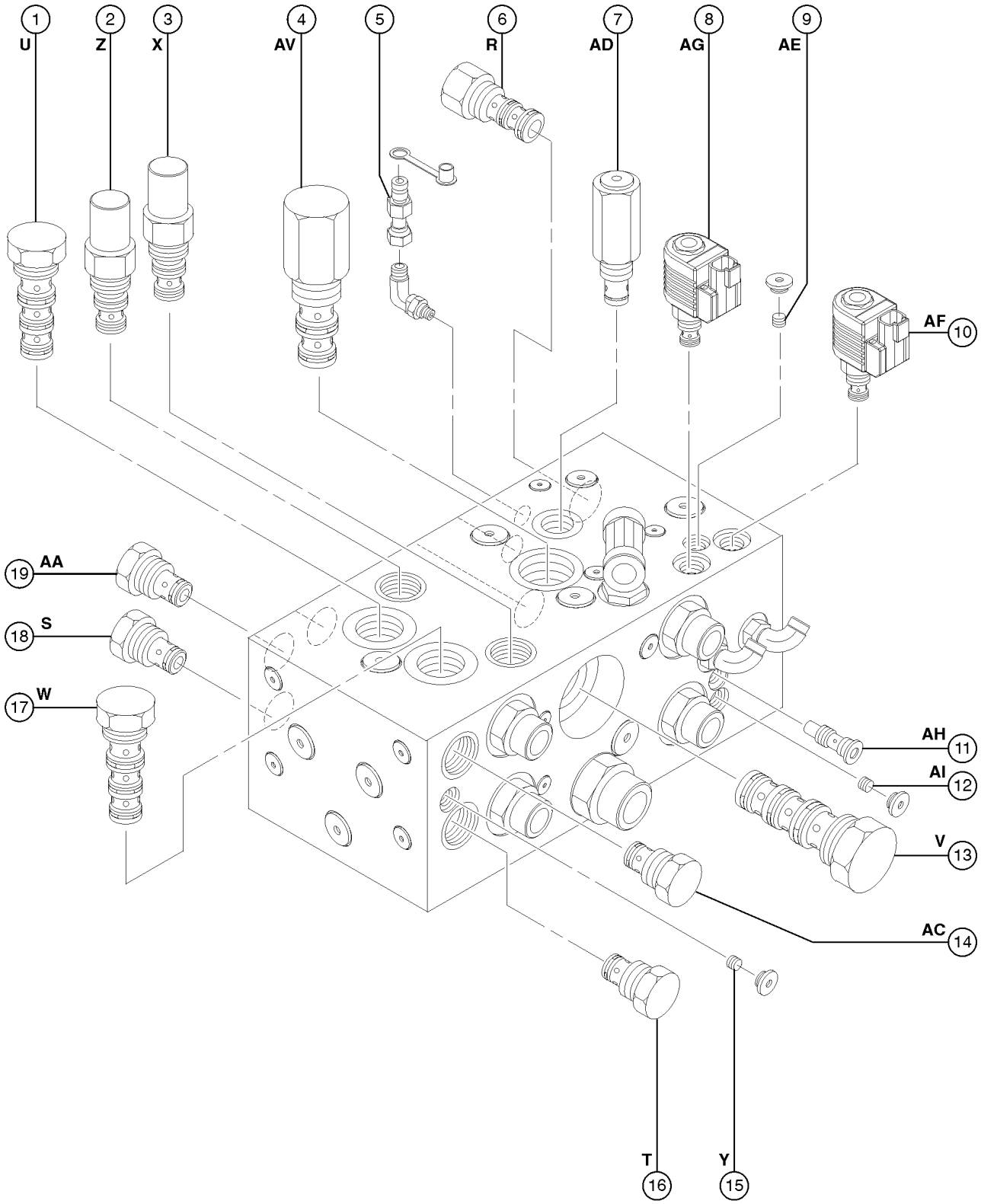
Item	Part No.	Description	Qty.
		Ref. MANIFOLD,4WD (101589 was replaced by 139391, the old valves are still available and listed below) (to SN Z452510A-39750 and to SN Z452511B-1606)	
	139391GT	MANIFOLD ASSY, Z45/Z51 4WD (from SN Z452510A-39751 and from SN Z452511B-1607)	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1A	52726GT	VALVE,FLOW DIVIDER/COMBINER U, 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 (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 Z, 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 to SN Z452511B-1606)	
2B	139513GT	VALVE,PRES CMP/FLW CTRL,2.6GPM (for manifold 139391, from SN Z452510A-39751 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 X, 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 (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 AV, 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 (for manifold 139391, from SN Z452510A-39751 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	1
5B	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
6A	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 (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 (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
6B-	139512GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	

702.1 4WD Traction Manifold



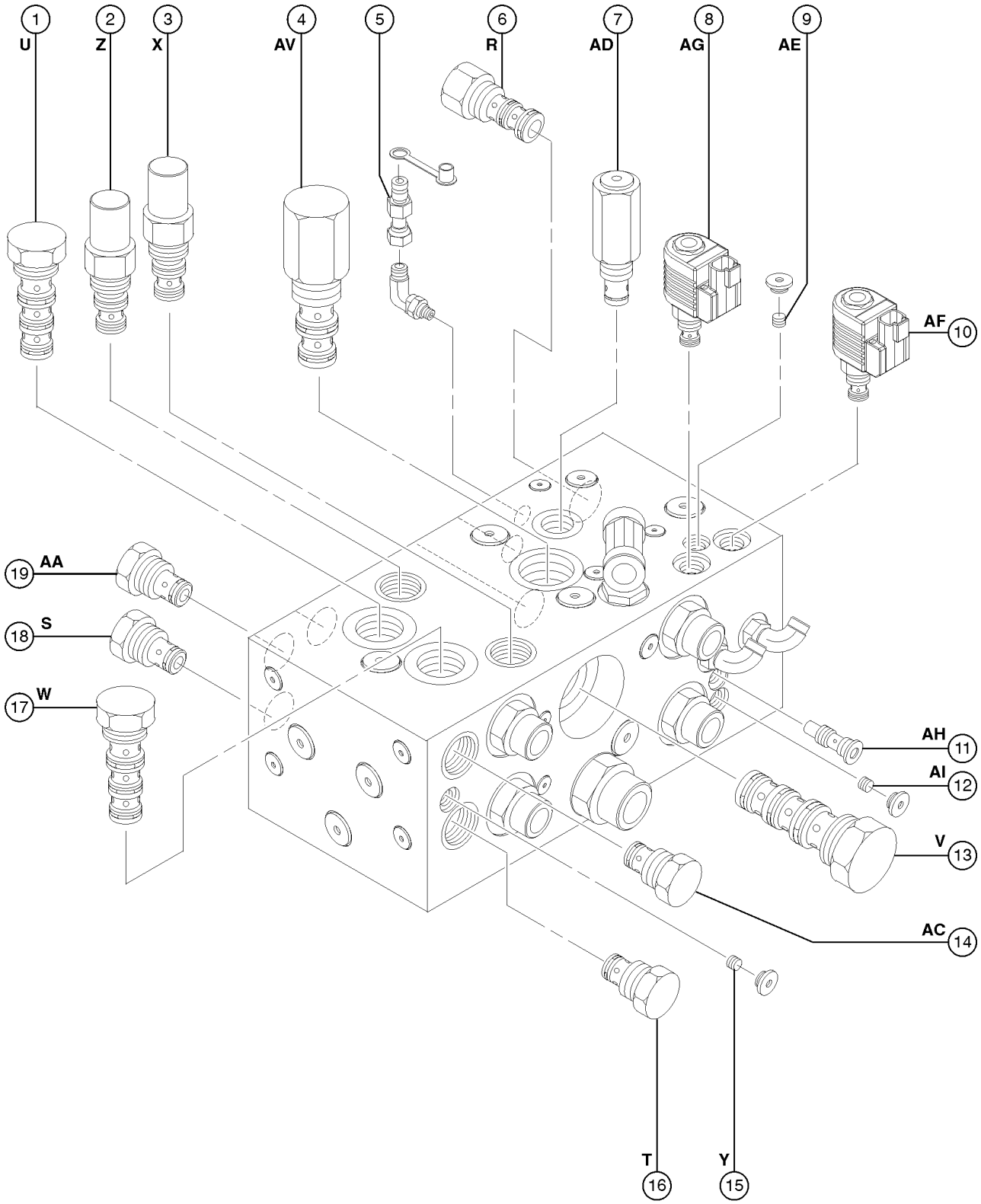
Item	Part No.	Description	Qty.
7A	31406GT	VALVE,RELIEF 250 PSI*** AD, Charge pressure circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
7A-	110194GT	SEAL KIT, VALVE, #10 (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
7B	139516GT	VALVE, RELIEF, 250PSI (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-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 AG, 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 (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) AE, Brake and 2-speed circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
9B	139522GT	ORIFICE, 0.030" (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
10A	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY AF, 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 (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*** AH, 2 speed motor shift circuit (for manifold 101589, to SN Z452510A-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 (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
11B-	139526GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
12A	74990GT	ORIFICE, 0.025"(74129)* AI, 2 speed motor shift circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1

702.1 4WD Traction Manifold



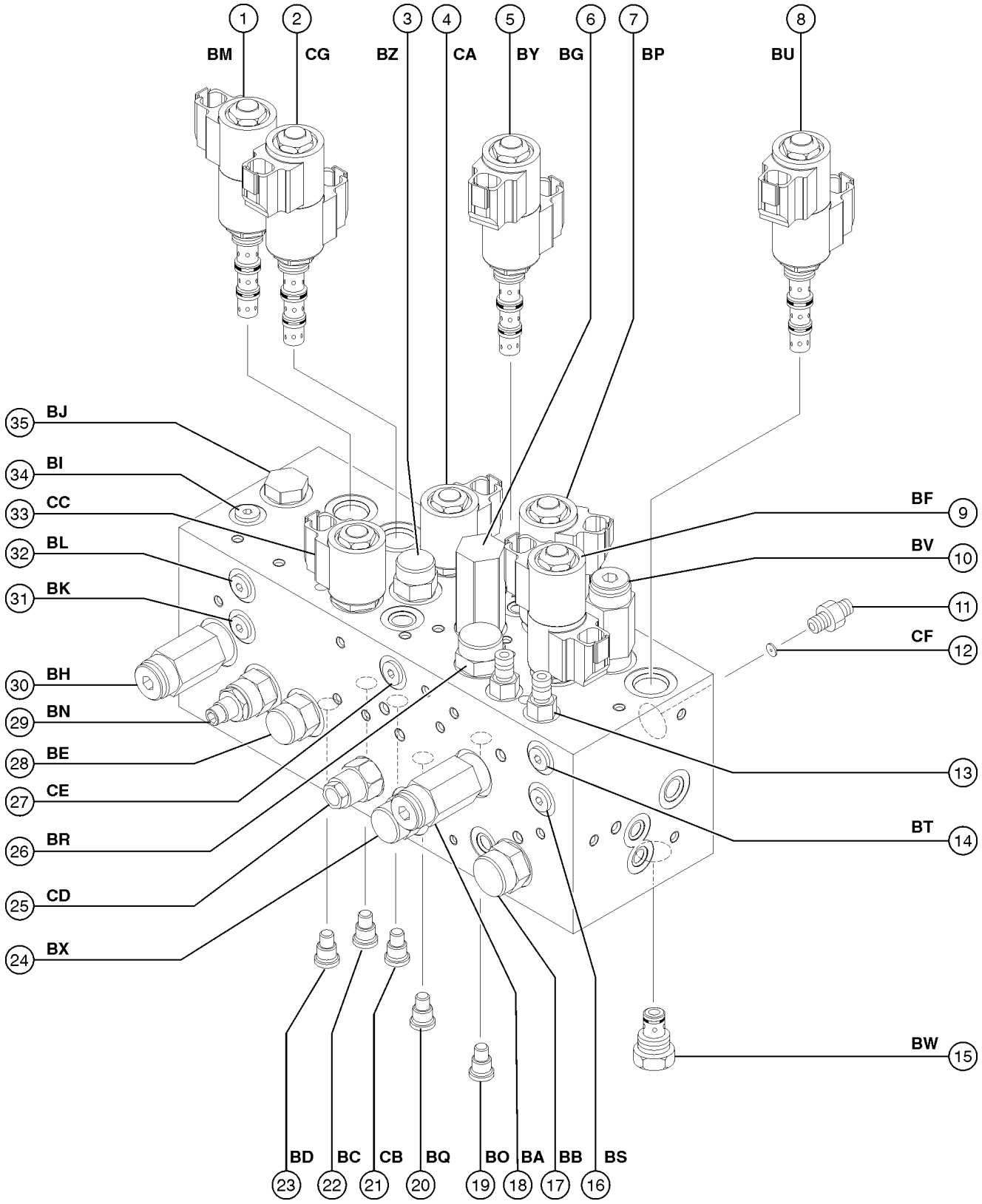
Item	Part No.	Description	Qty.
12B	139523GT	ORIFICE, 0.025" (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
13A	33521GT	VALVE,FLOW DIVIDER/COMBINER V, Controls flow to flow divider/ combiner valves 1 and 17 (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	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 (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 AC, 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 (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) Y, Drive circuit (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
15B	139524GT	ORIFICE, 0.052" (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
16A	27836GT	VALVE,CHECK,5 PSI T, 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 (for manifold 139391, from SN Z452510A-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 W, 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 (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 S, 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 (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)	
19A	27836GT	VALVE,CHECK,5 PSI AA, 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 (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1

702.1 4WD Traction Manifold



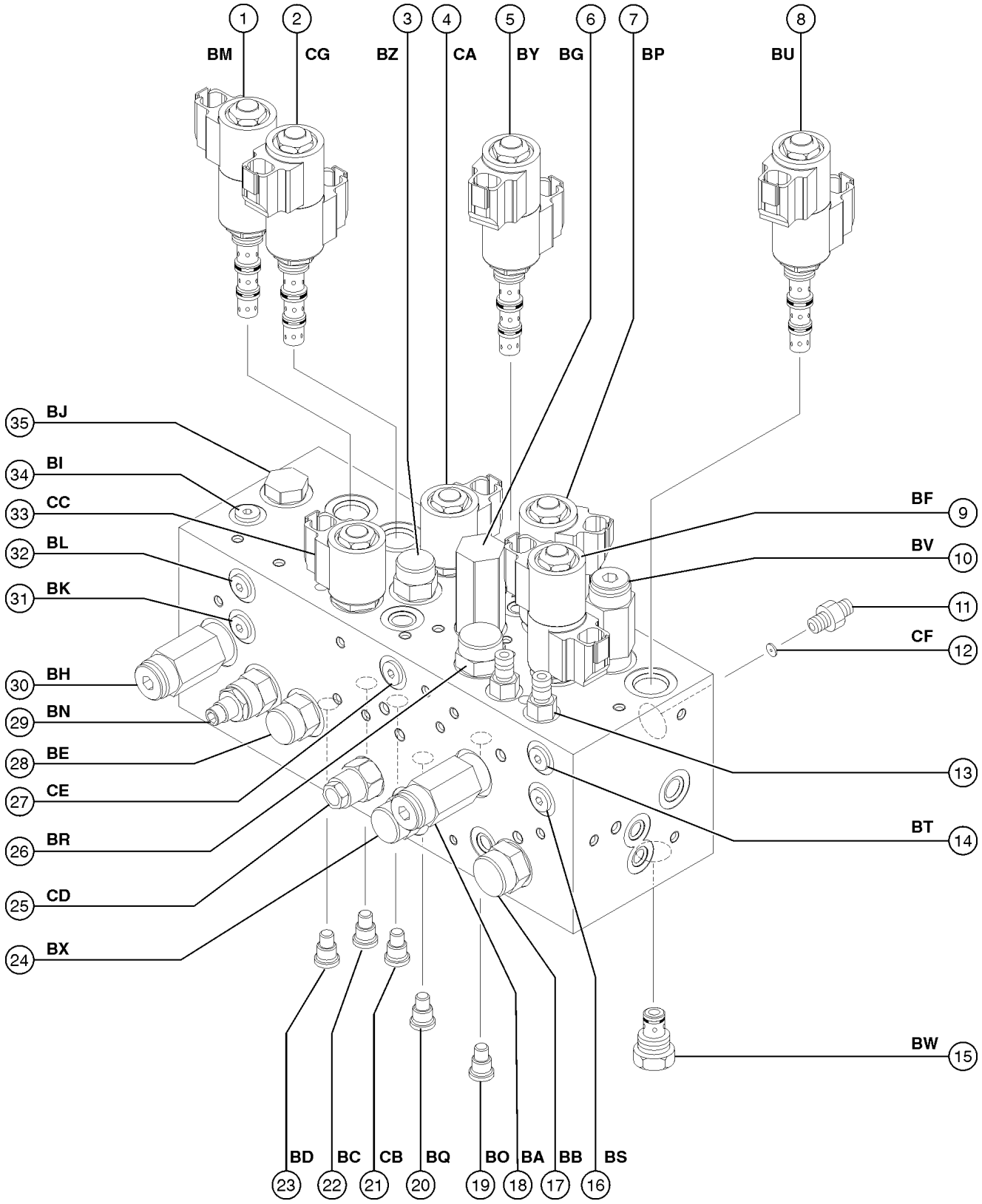
Item	*Part No.*	*Description*	*Qty.*
19B-	139515GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	

703.1 Function Manifold



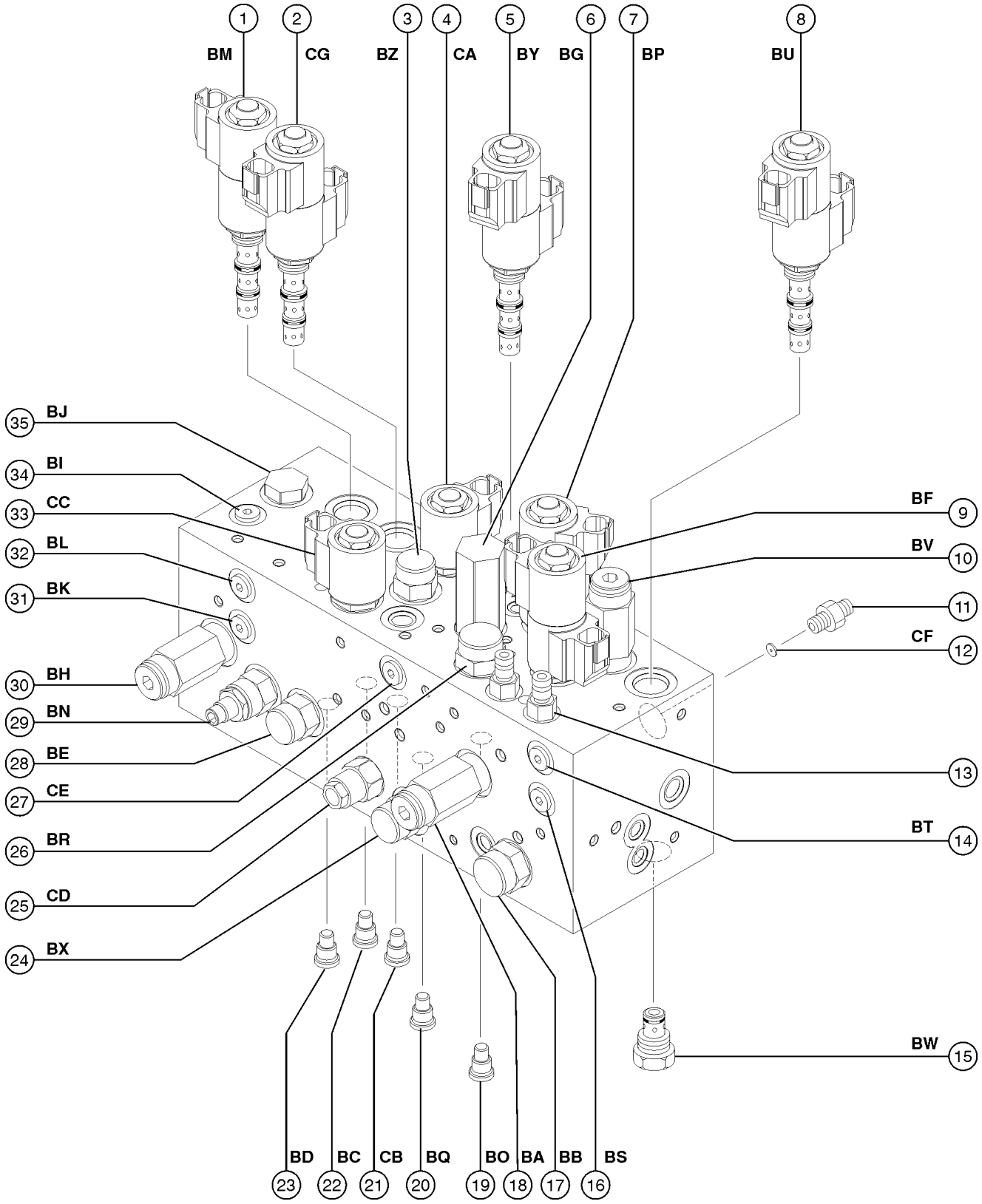
Item	Part No.	Description	Qty.
	110273GT	MANIFOLD,FUNCTION,IC	
1	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** BM, Platform level up/down, valve with nut and spacer only	
1A	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
1-	44229GT	SEAL KIT, VALVE	
2	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** CG, Platform rotate left/right and jib boom up/down, valve with nut and spacer only	
2A	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 (does not include a coil)	
4-	52371GT	SEAL KIT, VALVE	
4A	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (not a component of 62815)	
5	94614GT	VALVE,PROP,3 POS,4-WAY*** BY, Primary boom up/down, valve with nut and spacer only	
5A	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, valvel with nut and spacer only	
7A	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	
8A	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	
9A	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
10	101277GT	VALVE,RELIEF,2100 PSI*** BV, Secondary boom down	
10-	44227GT	SEAL KIT, VALVE	

703.1 Function Manifold

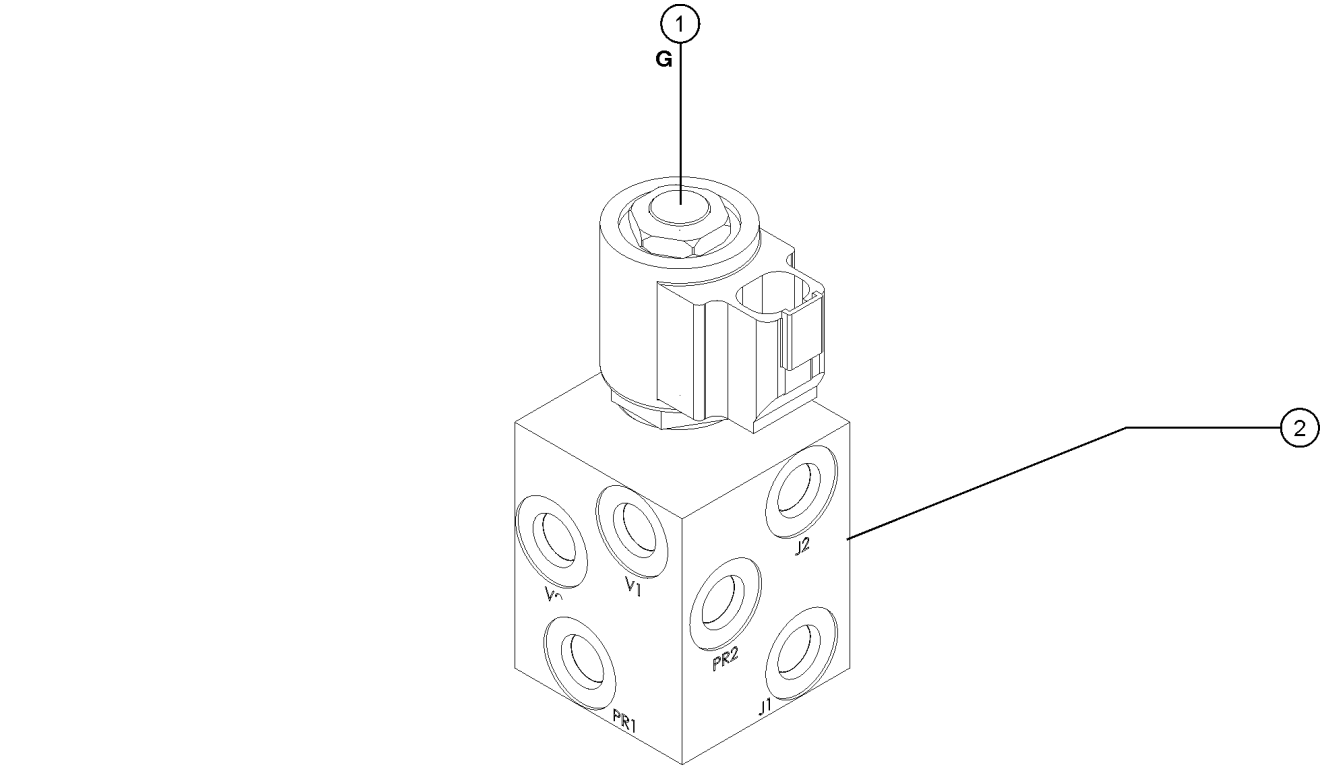


Item	Part No.	Description	Qty.
11		Ref. Fitting (refer to Figure 805.1, 806.1 or 807.1)	
12	47092GT	ORIFICE DISC,.046",GREEN CF, Secondary boom down circuit (located under fitting)	
13	48997GT	NIPPLE,DIAGNOSTIC,#4 Testing	
13-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
14	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* 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)	

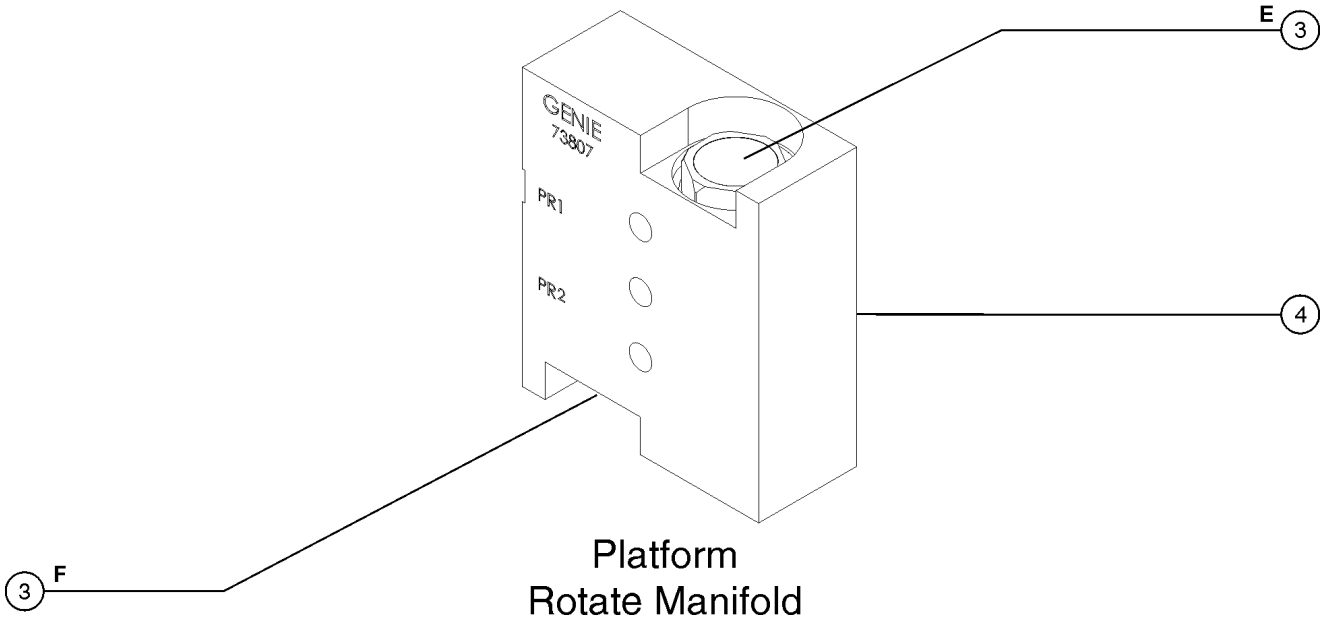
703.1 Function Manifold



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 inlcude a coil)	
33-	52371GT	SEAL KIT, VALVE	
33A	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	

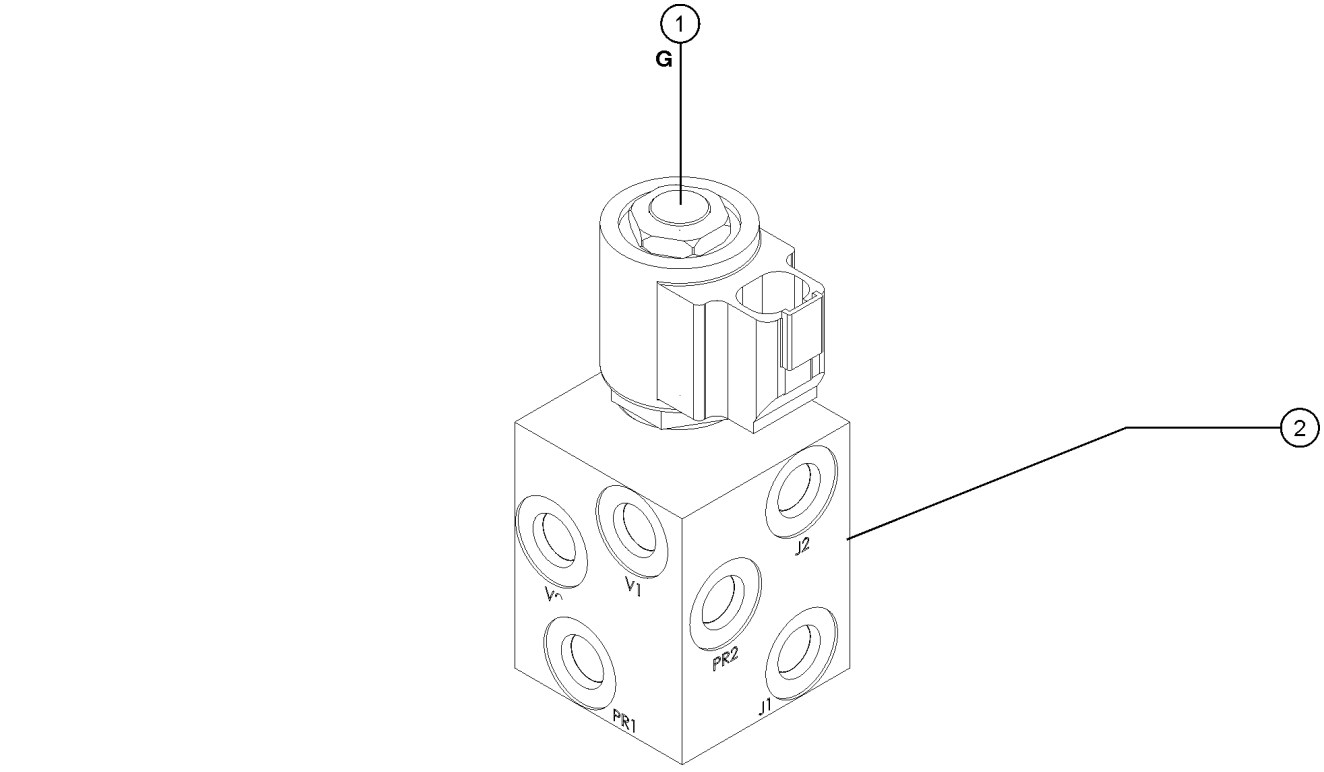


Jib Manifold

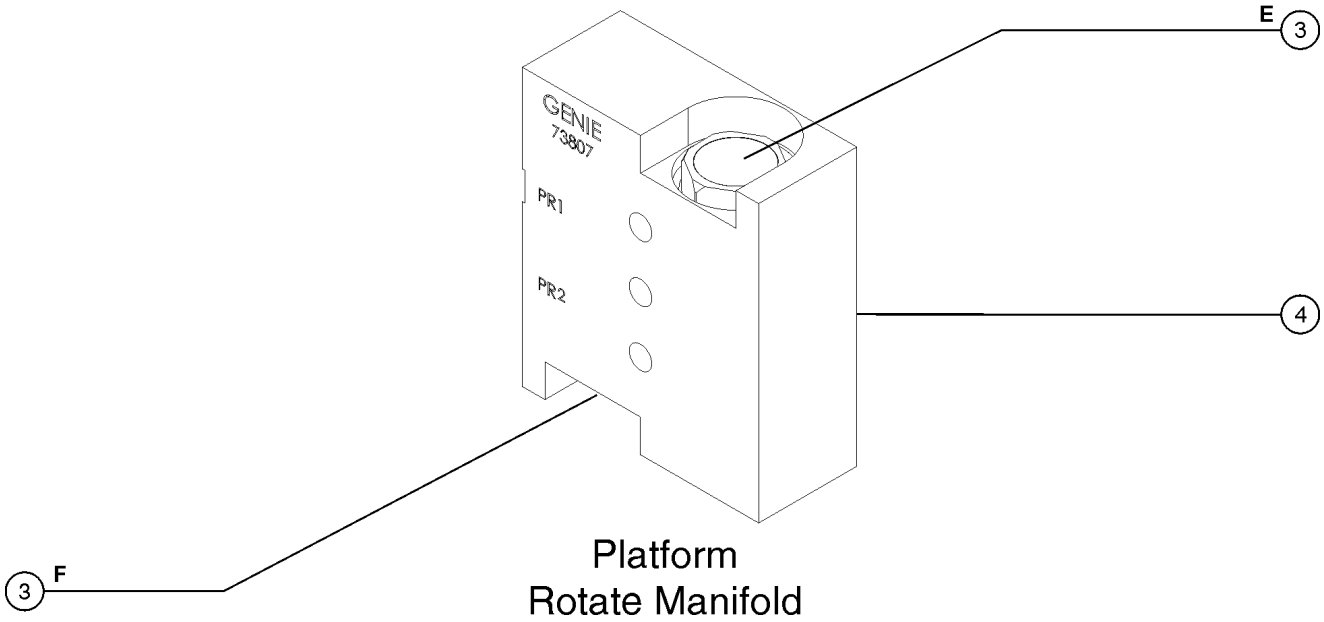


Platform
Rotate Manifold

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	



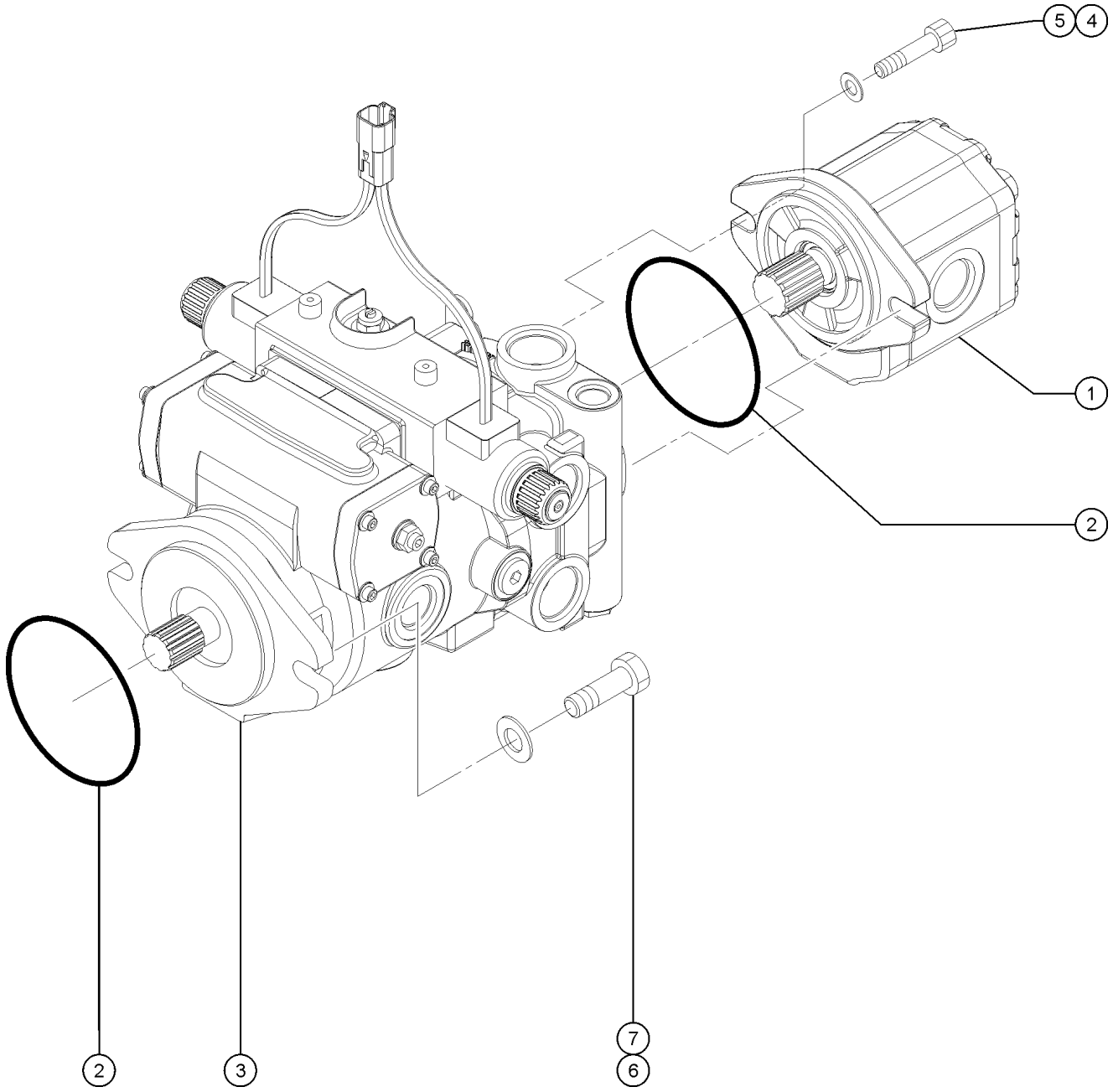
Jib Manifold



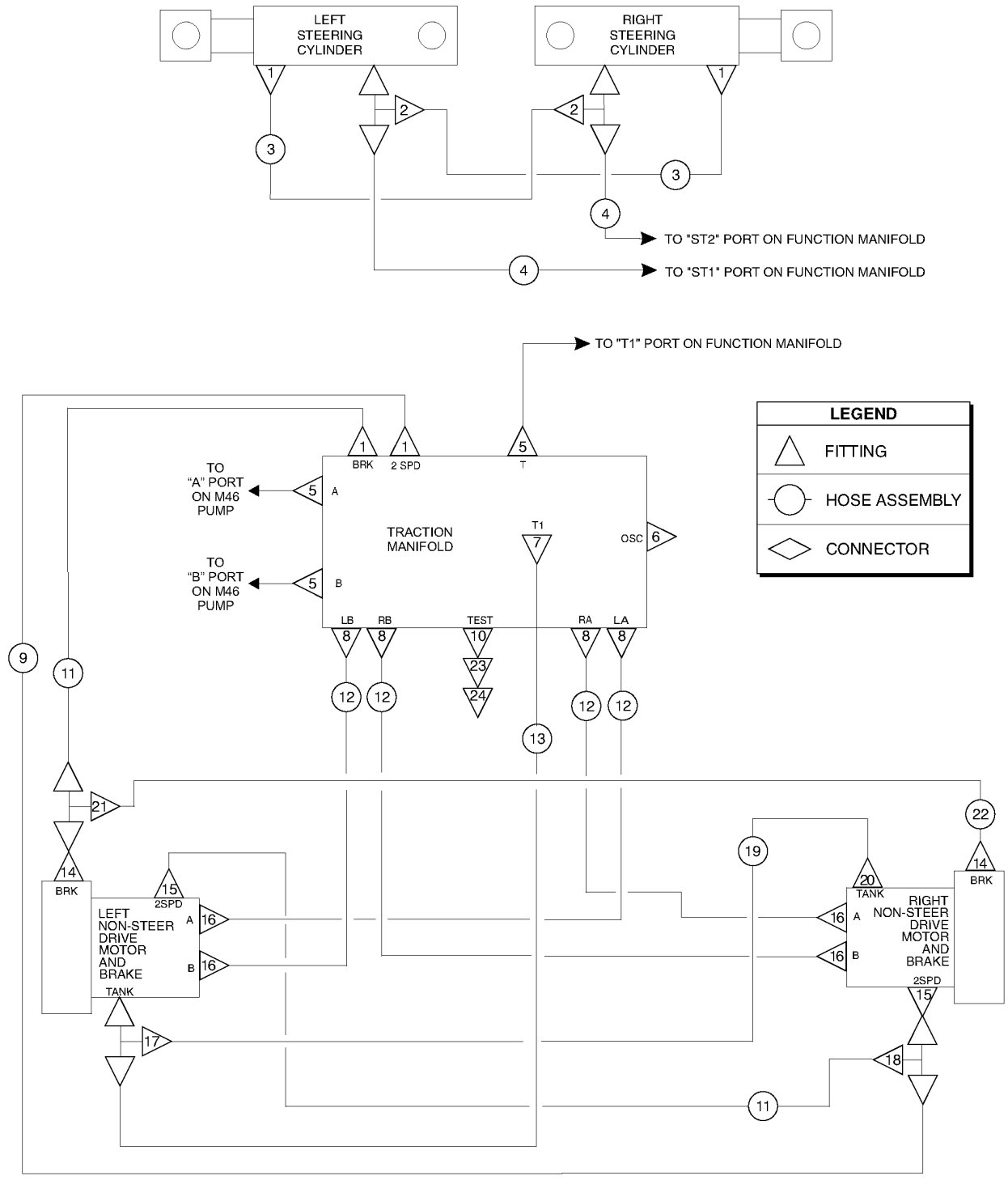
Platform
Rotate Manifold

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)	

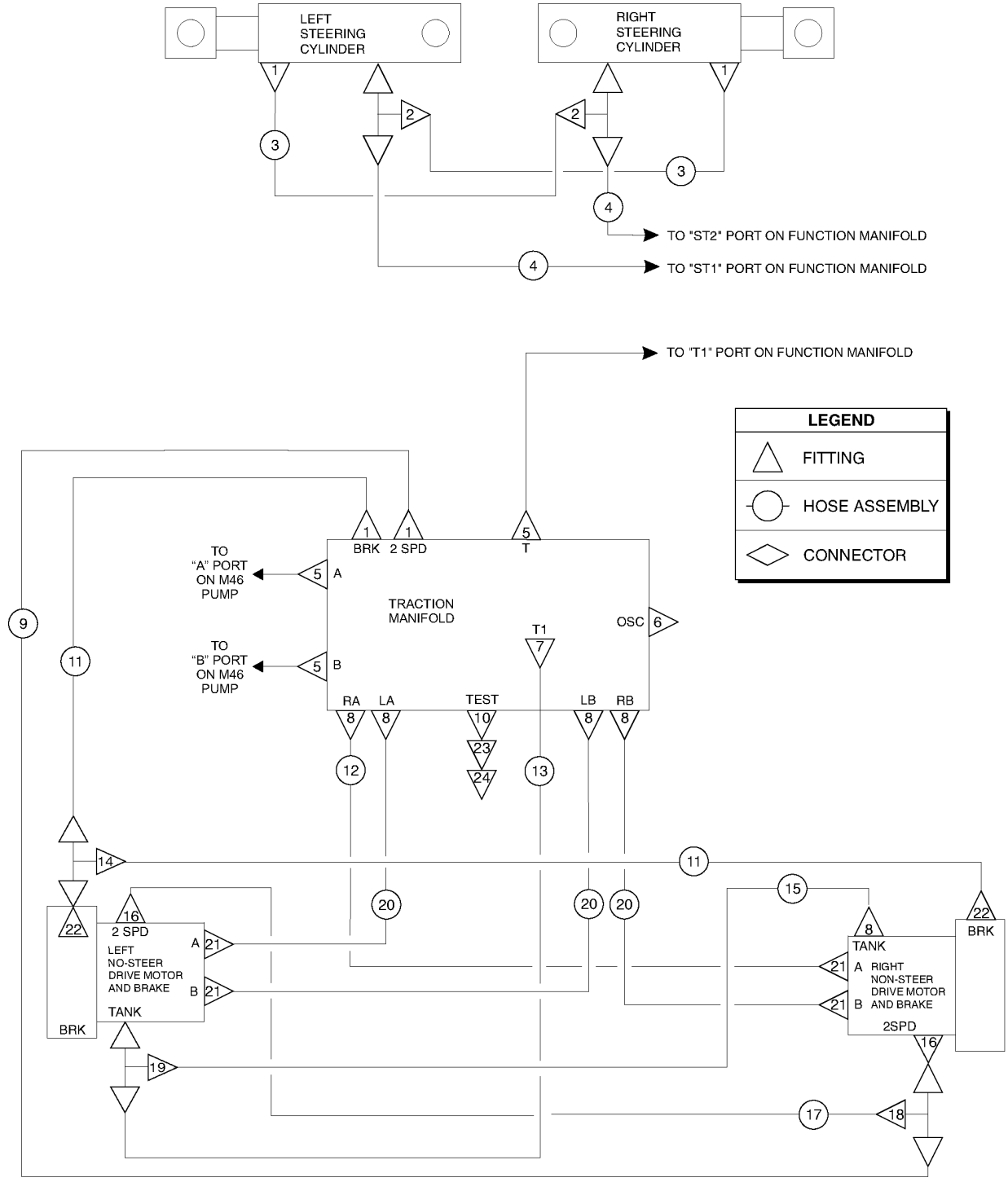
705.1 Pumps



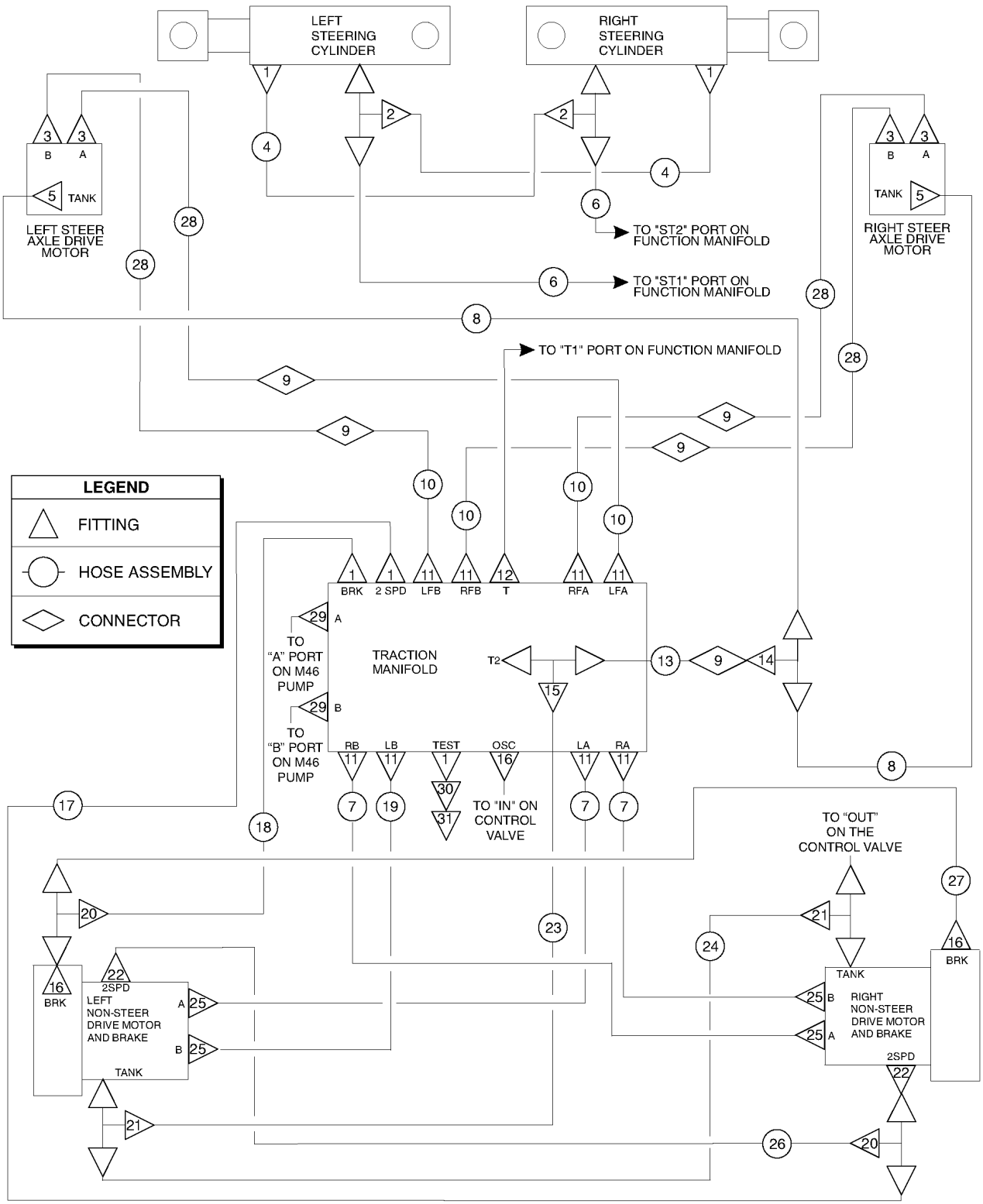
Item	Part No.	Description	Qty.
1	81013GT	PUMP,PIGGBACK,11CC,11 TOOTH	1
1	81669GT	SEAL KIT,11 TOOTH PUMP***	
2	43683GT	O-RING,2-042 N674-70***	2
3	77788GT	PUMP,PISTON,49CC***	1
3-	43683GT	O-RING,2-042 N674-70***	
3-	58431GT	SEAL KIT,PUMP SHAFT (EATON)*** check pump date code, if after 031505, must also 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) (QTY 2 per pump)	
3-	9990607GT	WASHER SEAL(Component of 77788GT) (use on Cover Plate)	
3-	9990608GT	NUT, JAM (Component of 77788GT) (use on Cover Plate)	
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

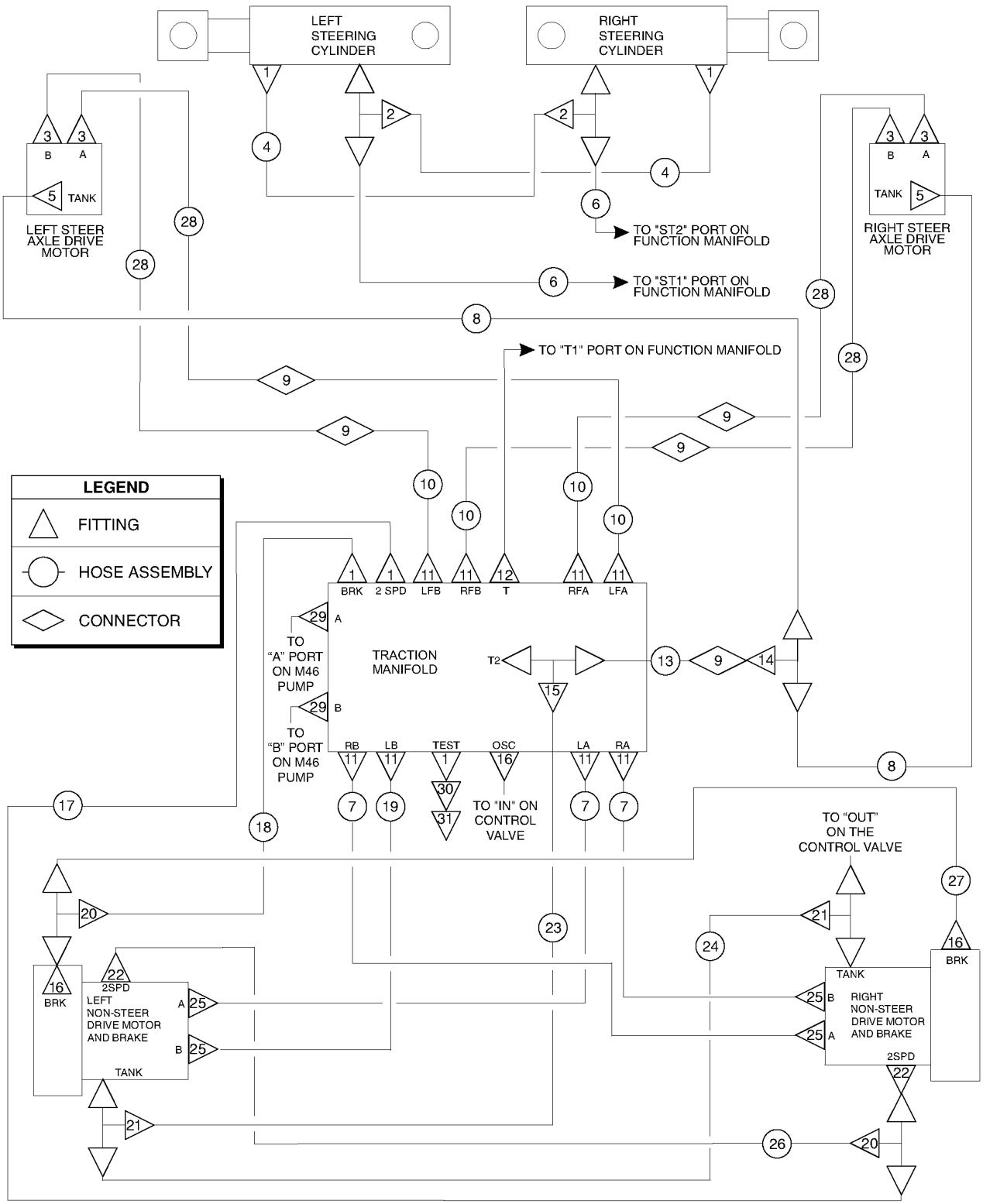
Item	Part No.	Description	Qty.
		The hose lengths below reflect the length of the hose only. Refer to the 'Fittings Cross Reference' to match Genie part numbers to Parker part numbers.	
1	48904GT	ELBOW, 90D, 520220-4	4
2	48906GT	TEE,RUN,520428-4	2
3	49119-3203GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
4	49117-14391GT	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.
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

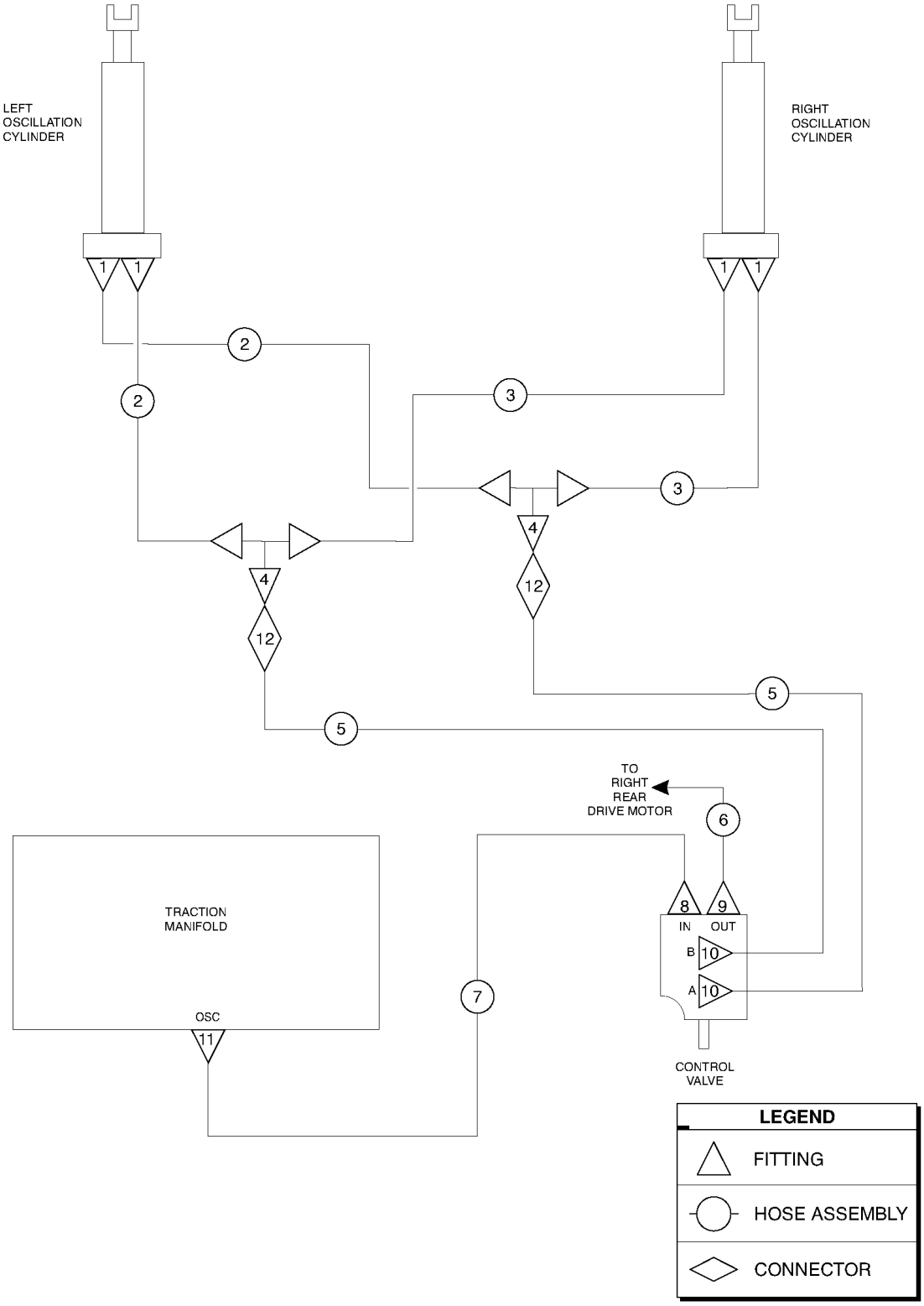

LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
LEFT STEER AXLE DRIVE MOTOR
RIGHT STEER AXLE DRIVE MOTOR
TO "ST2" PORT ON FUNCTION MANIFOLD
TO "ST1" PORT ON FUNCTION MANIFOLD
TO "T1" PORT ON FUNCTION MANIFOLD
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
TRACTION MANIFOLD
TO "A" PORT ON M46 PUMP
TO "B" PORT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

Item	Part No.	Description	Qty.
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
28	77312-3577GT	HOSE ASSY,DMANIF/LR&RR BRAKE	4

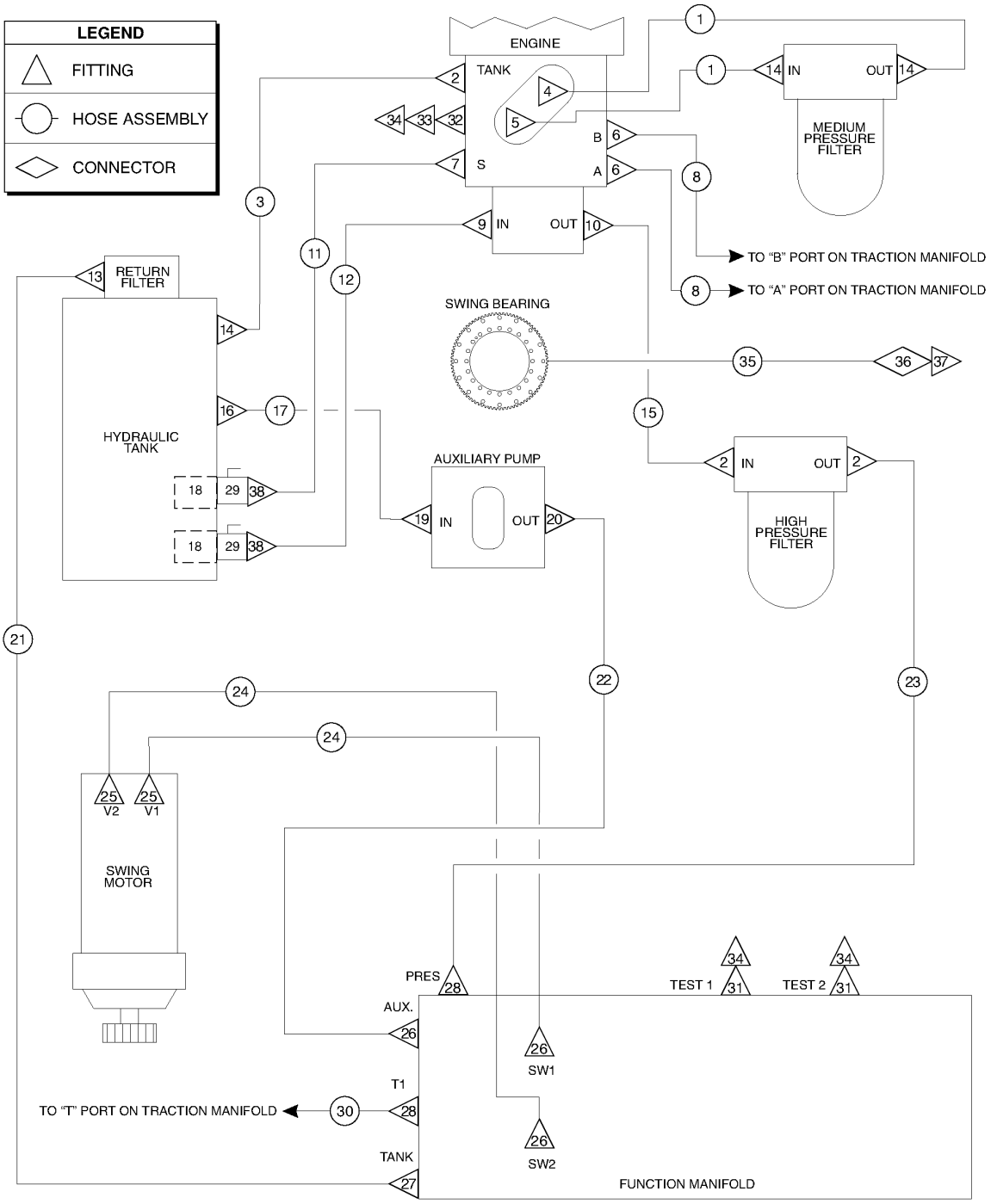

LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
LEFT STEER AXLE DRIVE MOTOR
RIGHT STEER AXLE DRIVE MOTOR
TANK
TO "ST2" PORT ON FUNCTION MANIFOLD
TO "ST1" PORT ON FUNCTION MANIFOLD
TO "T1" PORT ON FUNCTION MANIFOLD
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
BRK
2 SPD
LFB
RFB
T
RFA
LFA
TRACTION MANIFOLD
TO "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.
29	48960GT	FITTING,CONN,520120-12***	2
30	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	1
31	48880GT	CAP,DIAGNOSTIC NIPPLE	1

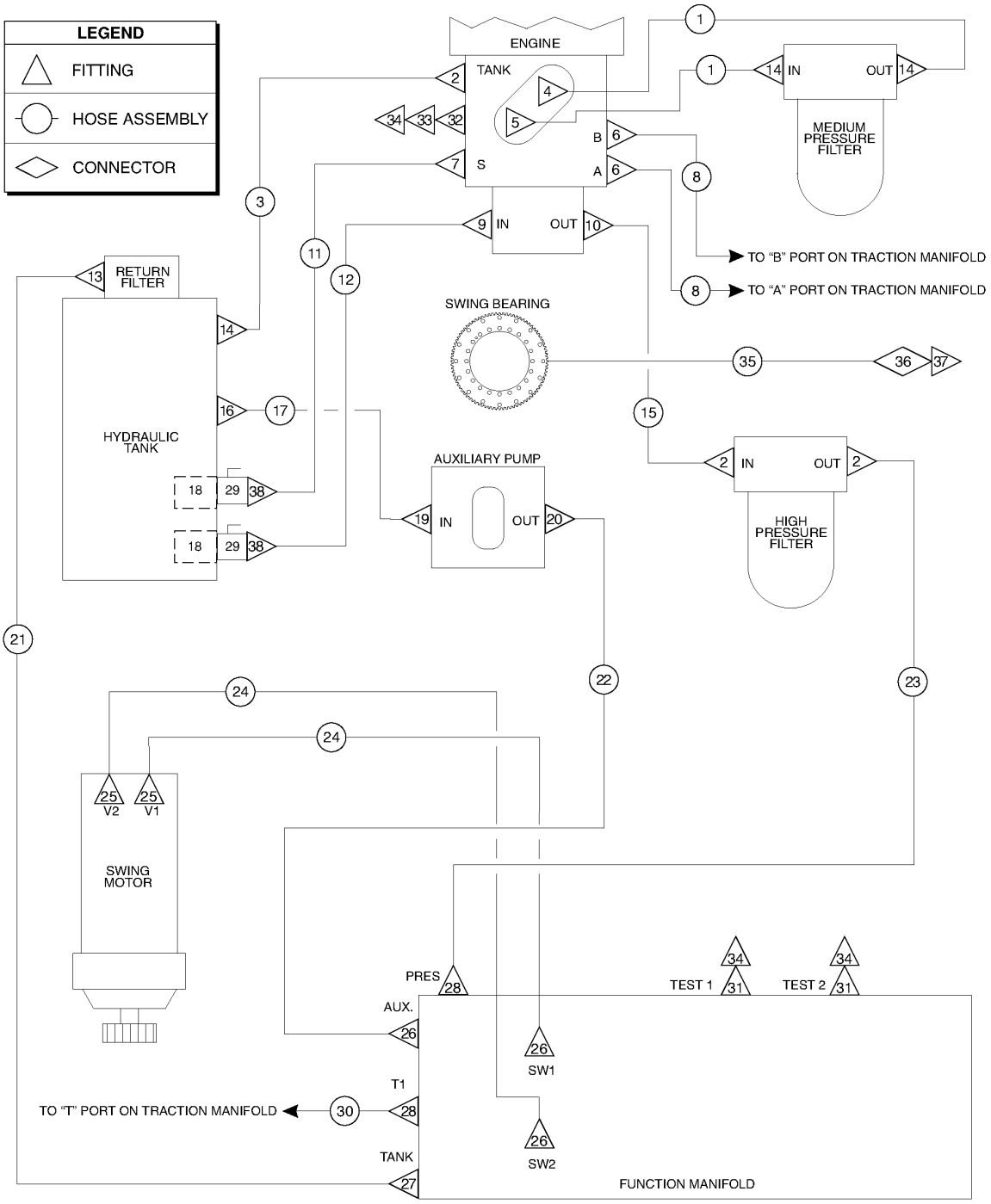
804.1 Oscillate System



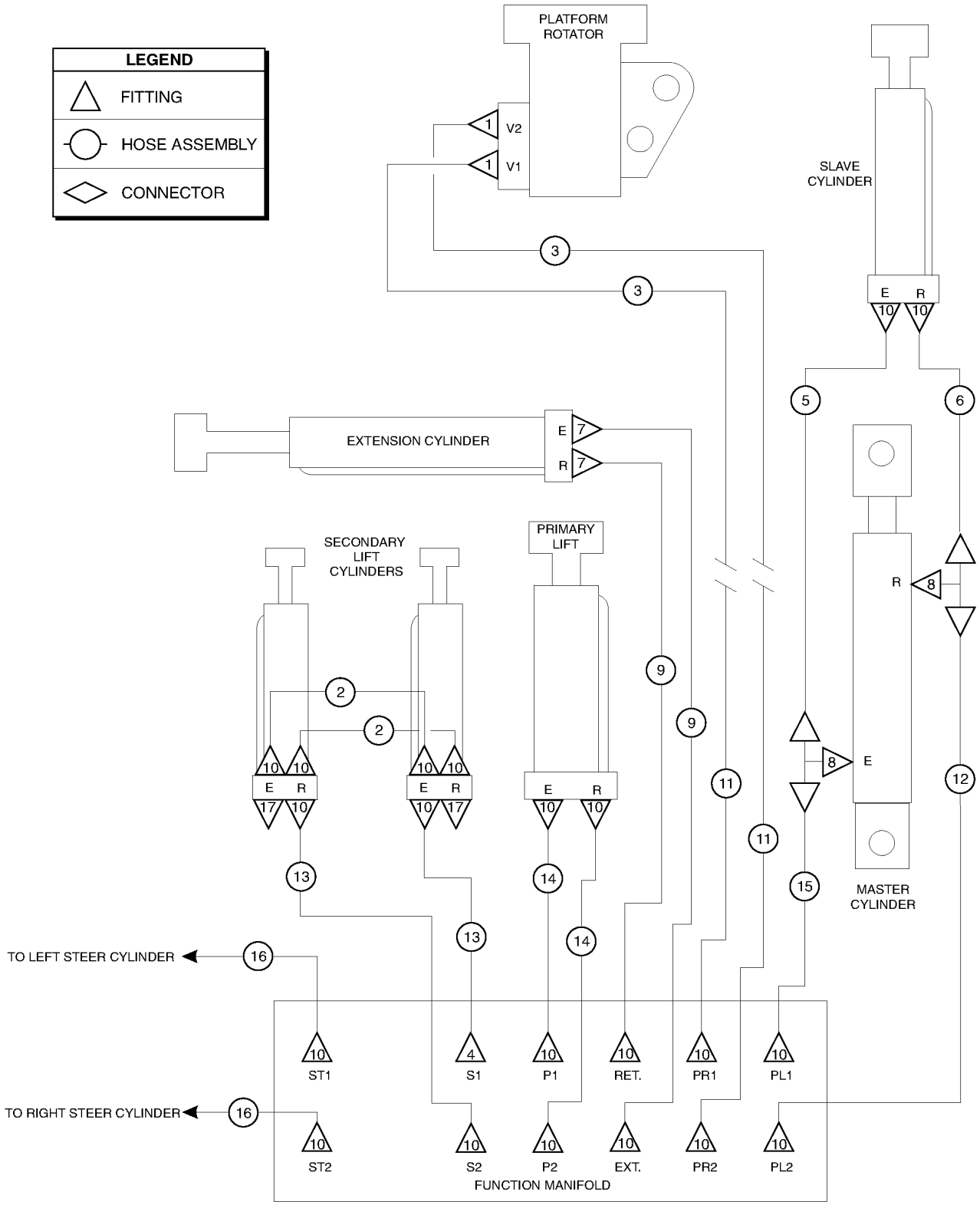
Item	Part No.	Description	Qty.
1	48912GT	CONN,520120-4-6***	4
2	49117-2091GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
3	49117-3191GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
4	48891GT	FITTING,TEE,BRANCH,520433-4	2
5	88636-9073GT	HOSE ASSY 1/4,STR FEM,STR BULK	2
5	75574GT	NUT,BULKHEAD,520118-4 (item sold seperately)	
6	94464-5086GT	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

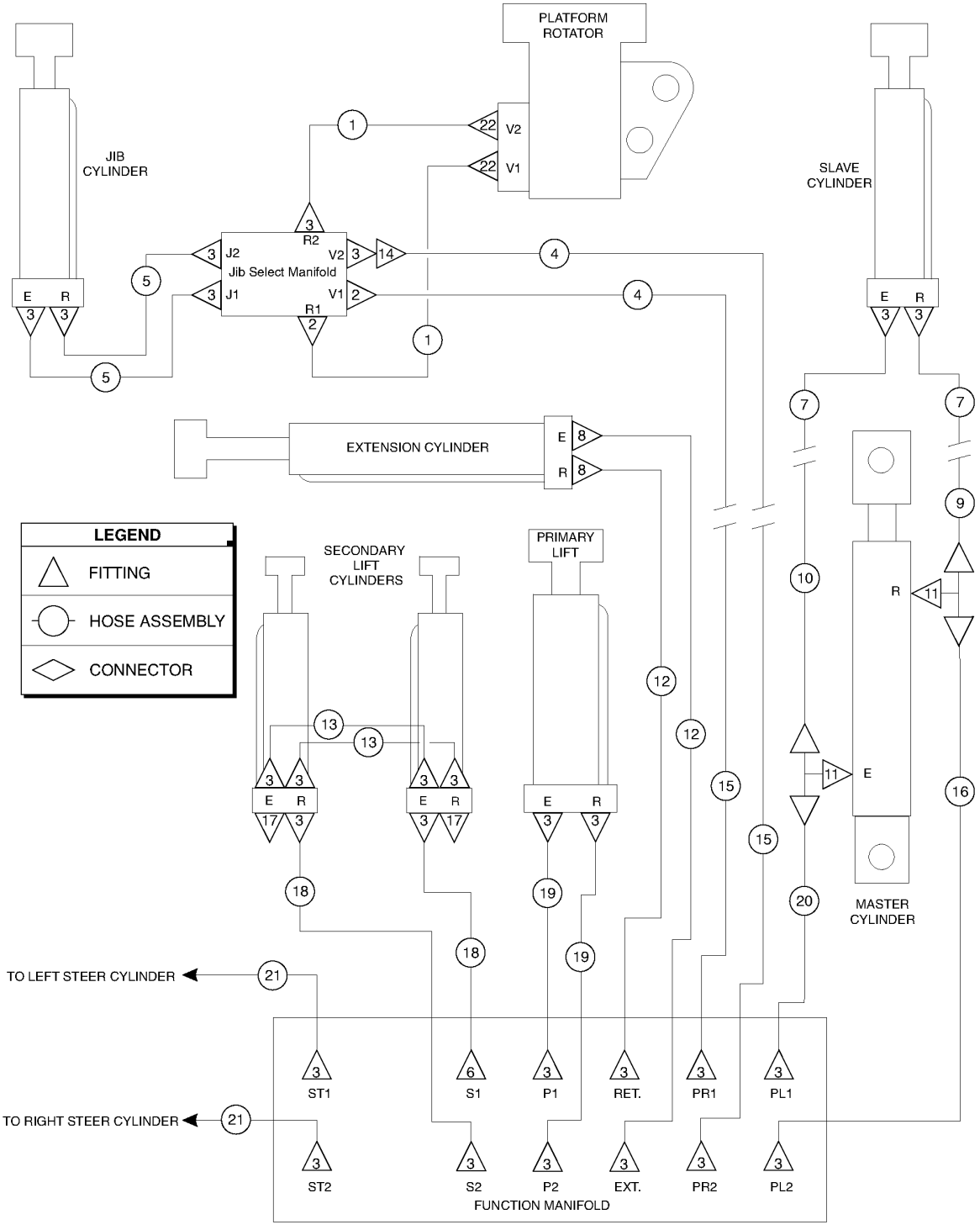
Item	Part No.	Description	Qty.
1	49141-2350GT	HOSE ASSY,1/2,45 FEM,STR FEM	2
2	48948GT	CONN,520120-8-12	3
3	49141-5863GT	HOSE ASSY,1/2,45 FEM,STR FEM**	1
4	48946GT	CONN,520120-8-10	1
5	48949GT	CONN,520120-8-16	1
6	48978GT	ELBOW,45D,520320-12-16	2
7	48985GT	ELBOW,45D,520320-16	1
8	94374-10830GT	HOSE ASSY,3/4,90 FEM,STR FEM	2
8	48767GT	SLEEVE,NYLON,1.42 ID	20 inches
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 inches
12	119993-4928GT	HOSE ASSY 1",STR FEM,STR FEM	1
12	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100')	29 inches
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


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

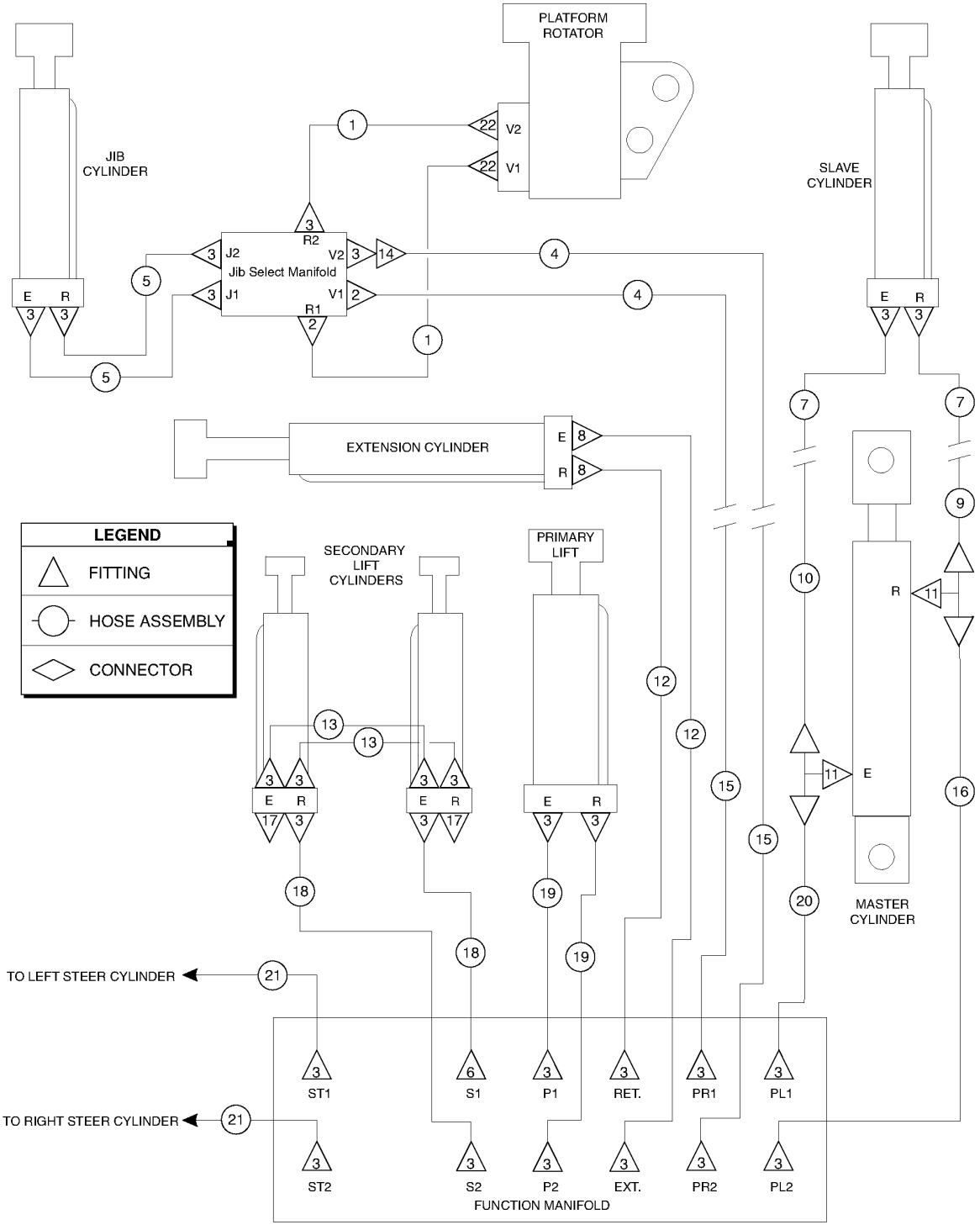
Item	Part No.	Description	Qty.
23	75278-8229GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
24	49119-5078GT	HOSE ASSY,1/4,STR FEM,STR FEM*	2
25	48904GT	ELBOW, 90D, 520220-4	2
26	48905GT	CONNECTOR, 520120-4	3
27	48959GT	FITTING,ELBOW,90D,520220-12	1
28	48933GT	CONN,520120-8***	2
29	48996GT	VALVE,BALL,16 MSAE-16 FSAE***	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
E R
10 10
11
8 E
12
11
13
14
15
MASTER CYLINDER
13
14
TO LEFT STEER CYLINDER
16
10 ST1
4 S1
10 P1
10 RET.
10 PR1
10 PL1
TO RIGHT STEER CYLINDER
16
10 ST2
10 S2
10 P2
10 EXT.
10 PR2
10 PL2
FUNCTION MANIFOLD

Item	Part No.	Description	Qty.
	77103GT	SLEEVE,NYLON,3.13 ID	36 inches
	77103GT	SLEEVE,NYLON,3.13 ID	48 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	1
6	49119-27478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
6	48767GT	SLEEVE,NYLON,1.42 ID	7 inches
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
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

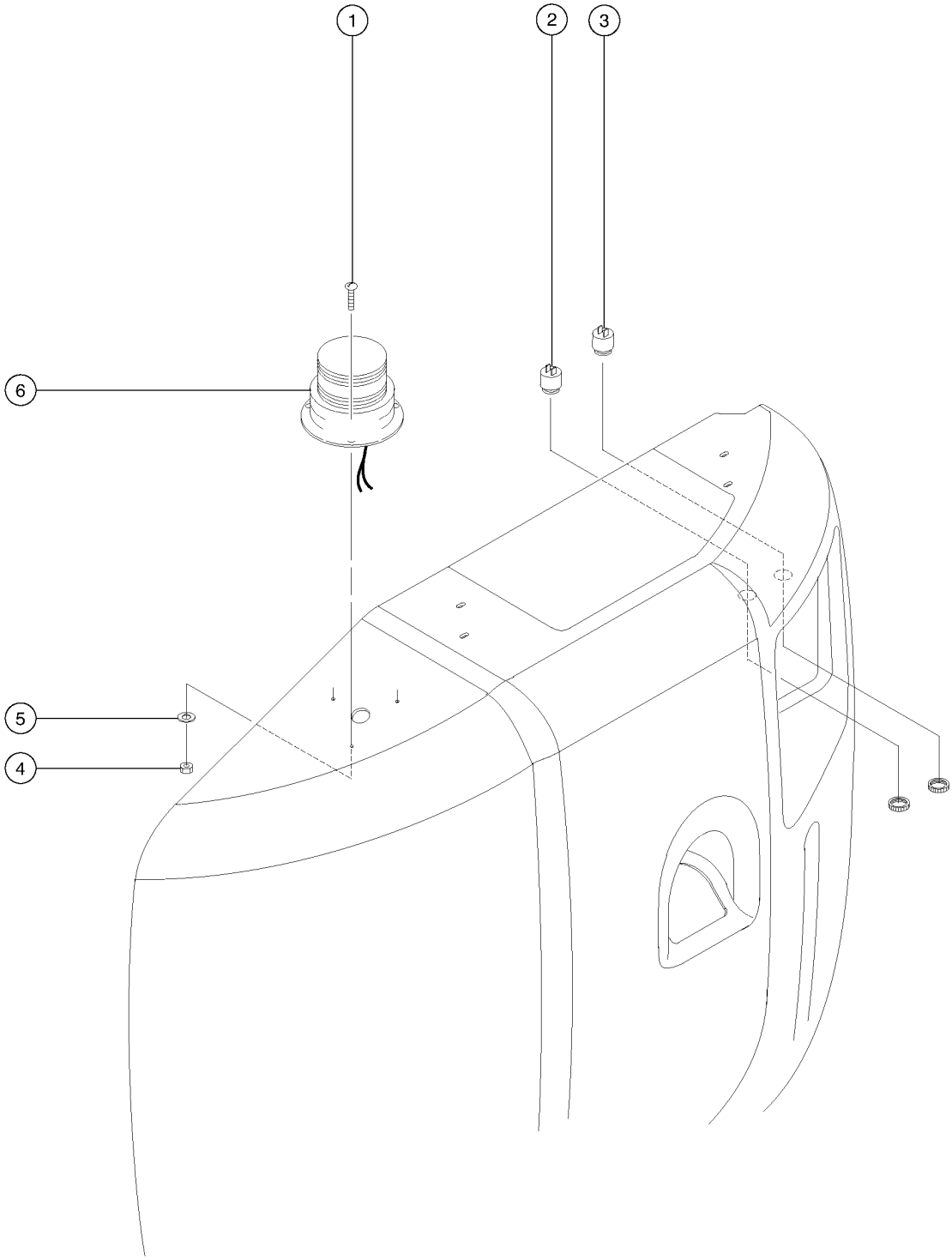

PLATFORM ROTATOR
JIB CYLINDER
SLAVE CYLINDER
Jib Select Manifold
EXTENSION CYLINDER
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
SECONDARY LIFT CYLINDERS
PRIMARY LIFT
MASTER CYLINDER
TO LEFT STEER CYLINDER
TO RIGHT STEER CYLINDER
ST1
ST2
S1
S2
P1
P2
RET.
EXT.
PR1
PR2
PL1
PL2
FUNCTION MANIFOLD

Item	Part No.	Description	Qty.
	77103GT	SLEEVE,NYLON,3.13 ID	36 inches
	77103GT	SLEEVE,NYLON,3.13 ID	48 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 inches
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
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


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.
22	48907GT	ELBOW,45D,520320-4	2

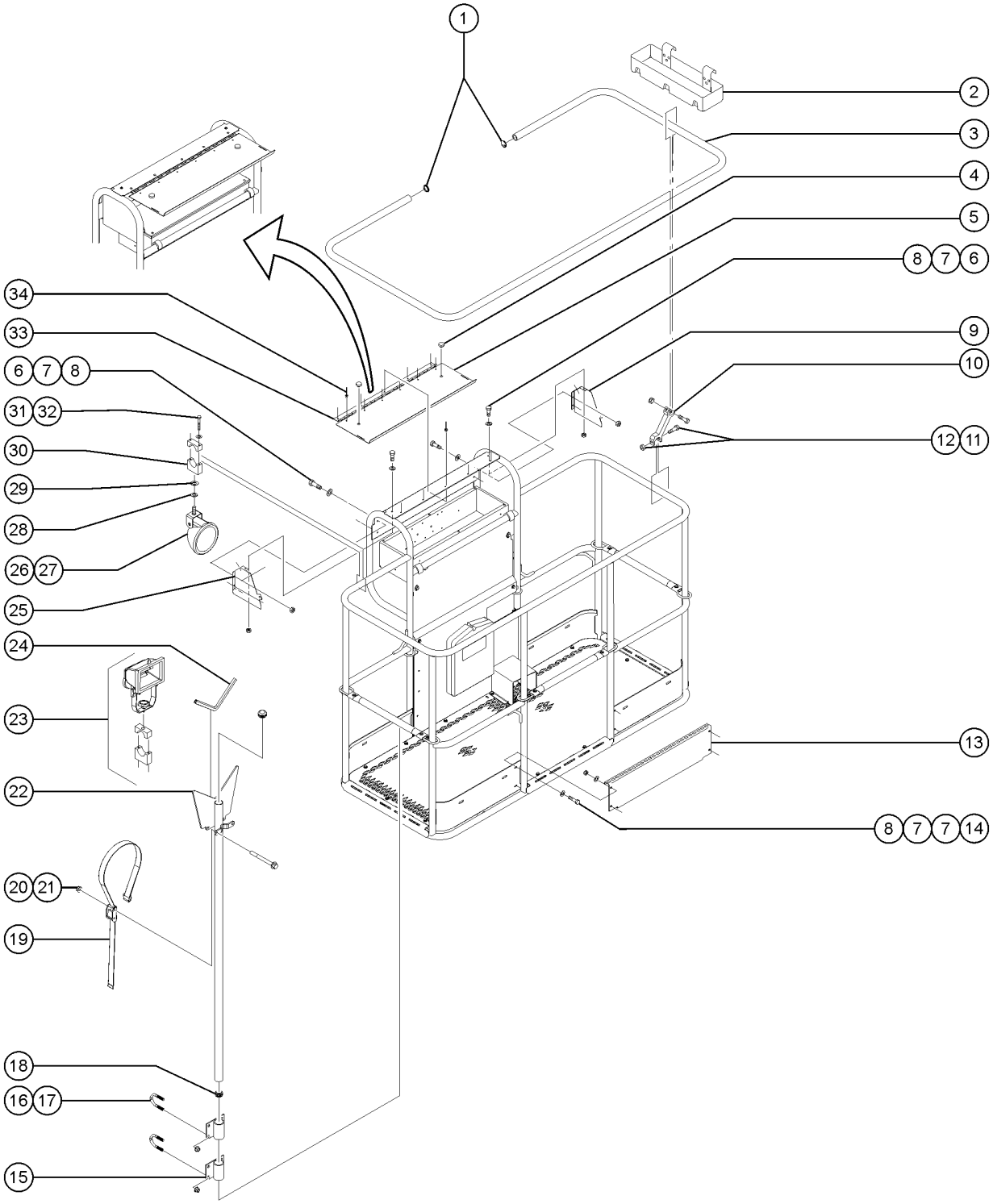
901.1 Alarm and Beacon Package



901.1 Alarm and Beacon Package

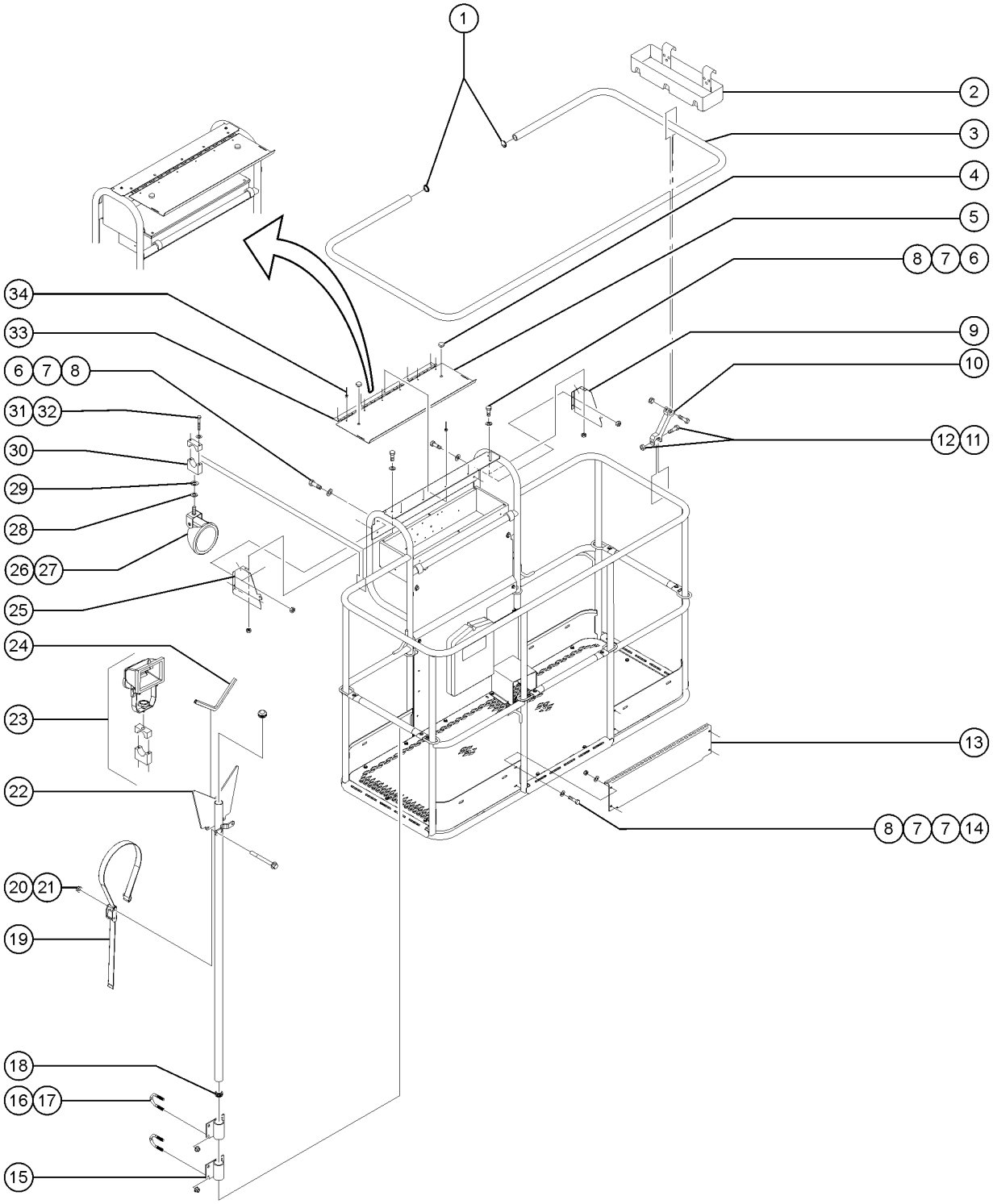
Item	Part No.	Description	Qty.
	60047-SGT	ALARM PKG,ACC.Z45 IC	
1	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
2	45462GT	ALARM,CHIME TONE 5-25VDC*** Does not include 72326 nut	1
2-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
3	18963GT	ALARM, INTERMITTENT TONE 6-30V* Does not include 72326 nut	1
3	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
4	6178GT	NUT, NYLOCK, 10-32	
5	6146GT	WASHER,FLAT,MS,#10,Y	
6	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** (replaced 20189)	1
6-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
6-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
6-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	

902.1 Platform Options

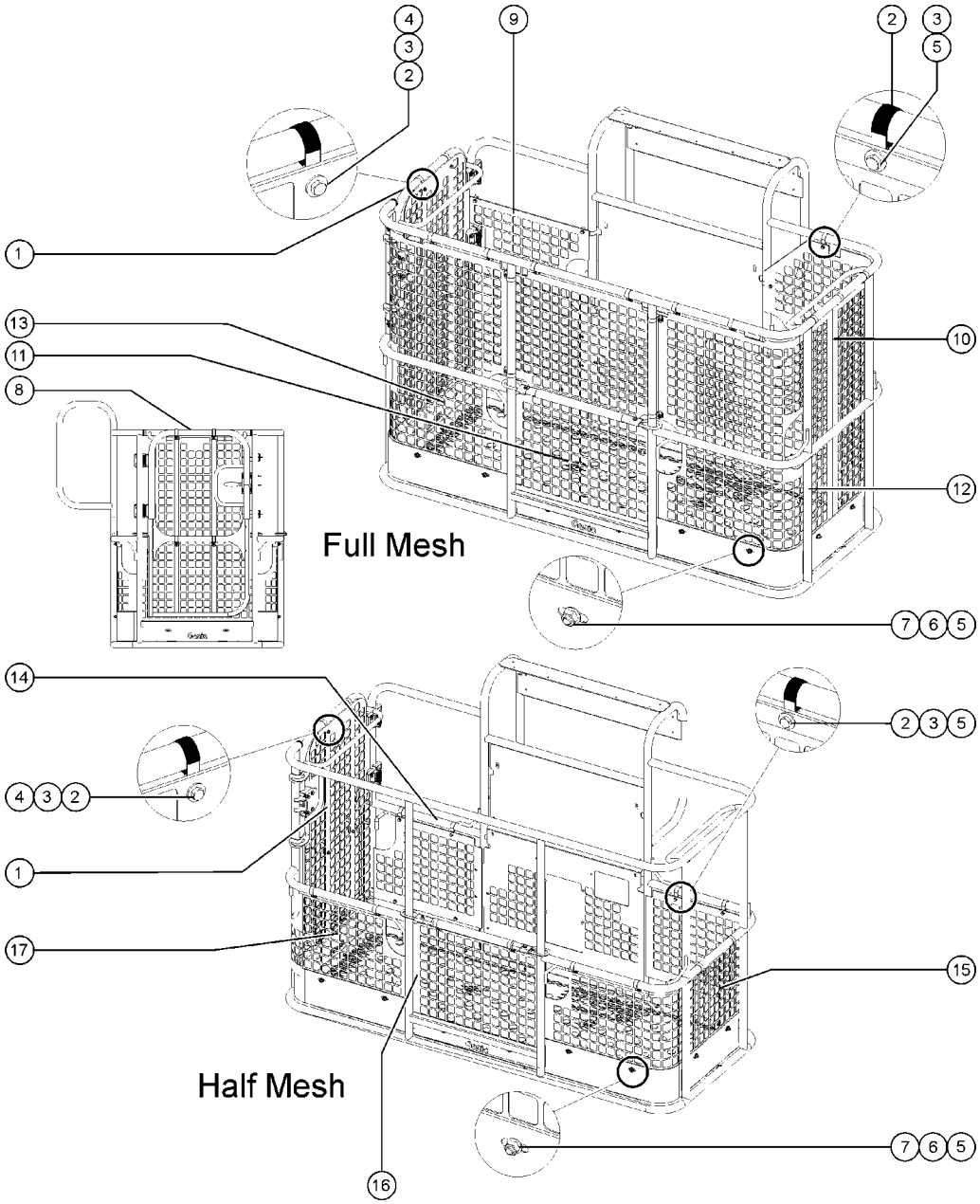


Item	Part No.	Description	Qty.
--	28323GT	OPTION,PLAT.PINCH GUARD,4 FT.	
--	28322GT	OPTION,PLAT.PINCH GUARD,5 FT.	
--	53157-SGT	PINCH GUARD,6'(1.31")SERVICE**	
--	53808-SGT	AUX TOP RAIL,6'(1.25")SERVICE	
--	T109328GT	ACC,PLAT CONTROL COVER, SERV	
1	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
2	9599-SGT	TOOL TRAY ACCESSORY***	1
--	7746PGT	TOOL TRAY BRACKET (GRAY)	2
3	28329GT	RAILING,PINCH GAURD,4 FT	1
--	28328GT	RAILING,PINCH GAURD,5 FT.	2
4	34619GT	BUMPER,RUBBER***	1
5	102785PGT	CONTROL BOX COVER,LID,PTD	
6	7339GT	SCREW,HHC,1/4-20 X .5	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	6091GT	NUT,NYLOCK,1/4-20	
9	88606PGT	COVER,CONTROL BOX RIGHT SIDE**	1
10	28807GT	SUPPORT,RAILING	6
11	4266GT	SCREW,HHC,1/4-20 X 2	
12	6889GT	NUT,LP NYLOCK,1/4-20	
13	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
14	8914GT	SCREW, HHC, 1/4-20 X .625	
15	81368GT	WELDMENT,PIPE CRADLE MOUNT	4
16	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	8
17	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	16
18	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
19	56570GT	STRAP, CONDUIT HOLDER 60"***	2
20	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
21	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4

902.1 Platform Options

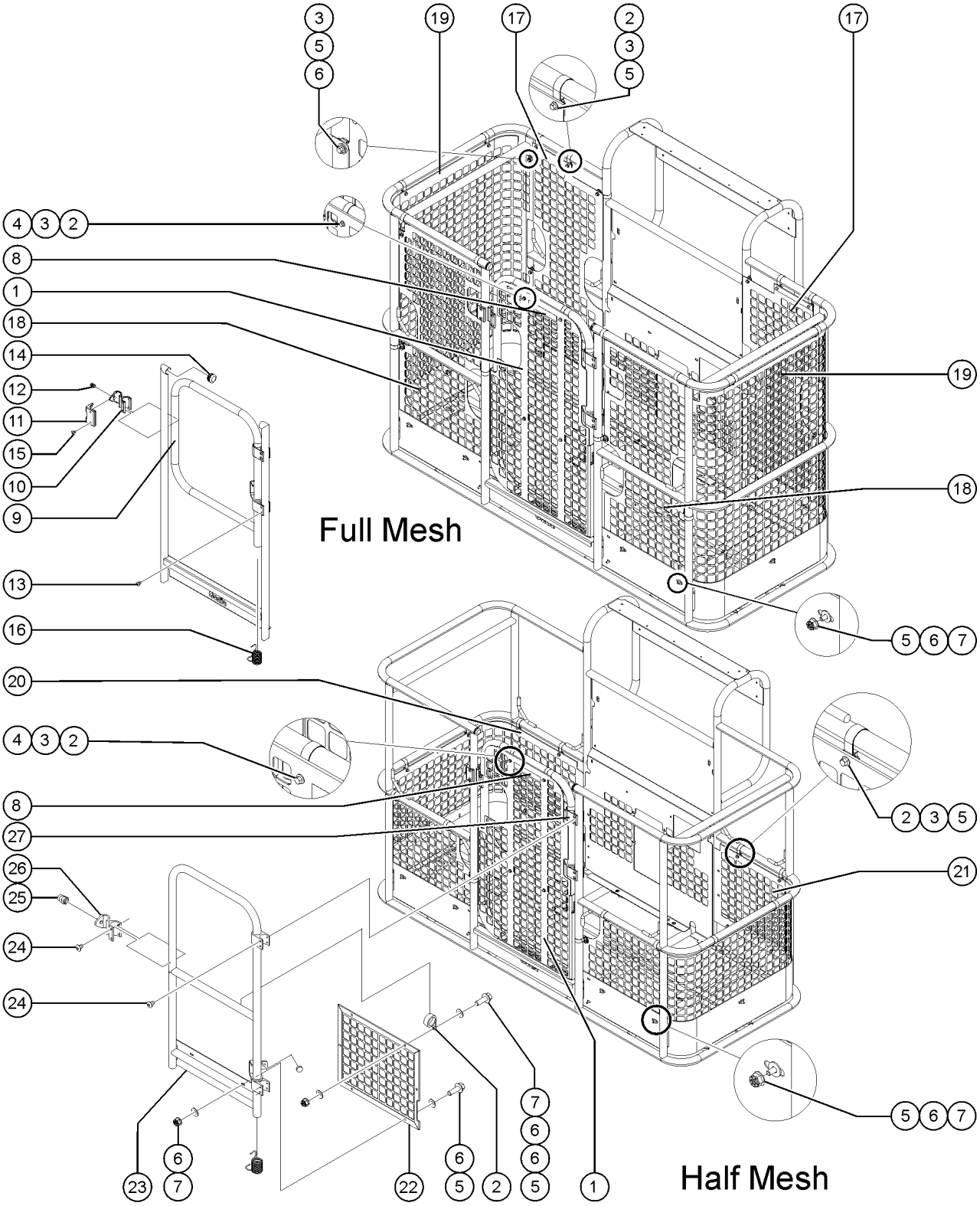


Item	Part No.	Description	Qty.
22	56525GT	WELDMENT, PIPE CRADLE	2
23	1284764GT	WORKLIGHT,110V,250WATT,HALOGEN	2
24	19018-1100GT	TRIMLOCK,BLACK,5/32"	2
25	102785PGT	CONTROL BOX COVER,LID,PTD	1
--	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE (not included - sold seperately)	2
26	107858GT	WORKLIGHT,48 VOLT	2
27	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
28	6886GT	WASHER,LOCK,.313	
29	5397GT	WASHER, FLAT, USS, 5/16-18	
30	35956GT	WORK LIGHT MOUNTING BRACKET	2
31	6145GT	SCREW, HHC, 1/4-20 X 1.5	
32	6356GT	WASHER, LOCK, .25	
33	111526GT	HINGE,PLAT CONTROL BOX COVER	1
34	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	


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Full Mesh
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Half Mesh
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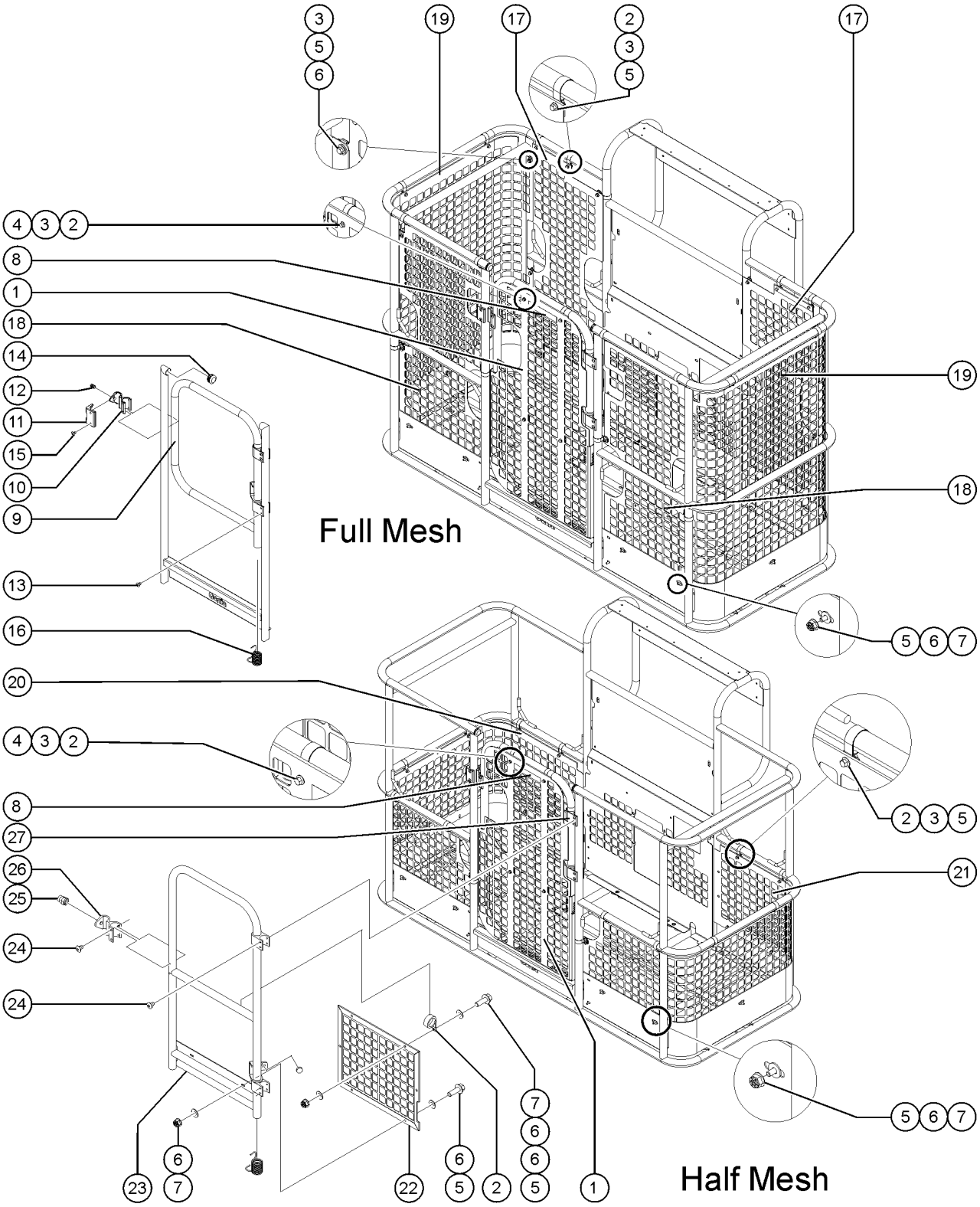
Item	Part No.	Description	Qty.
-	1286622GT	KIT, 6' FULL MESH,SIDE GATE	
-	1275282GT	KIT, 6' HALF MESH,SIDE GATE	
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
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



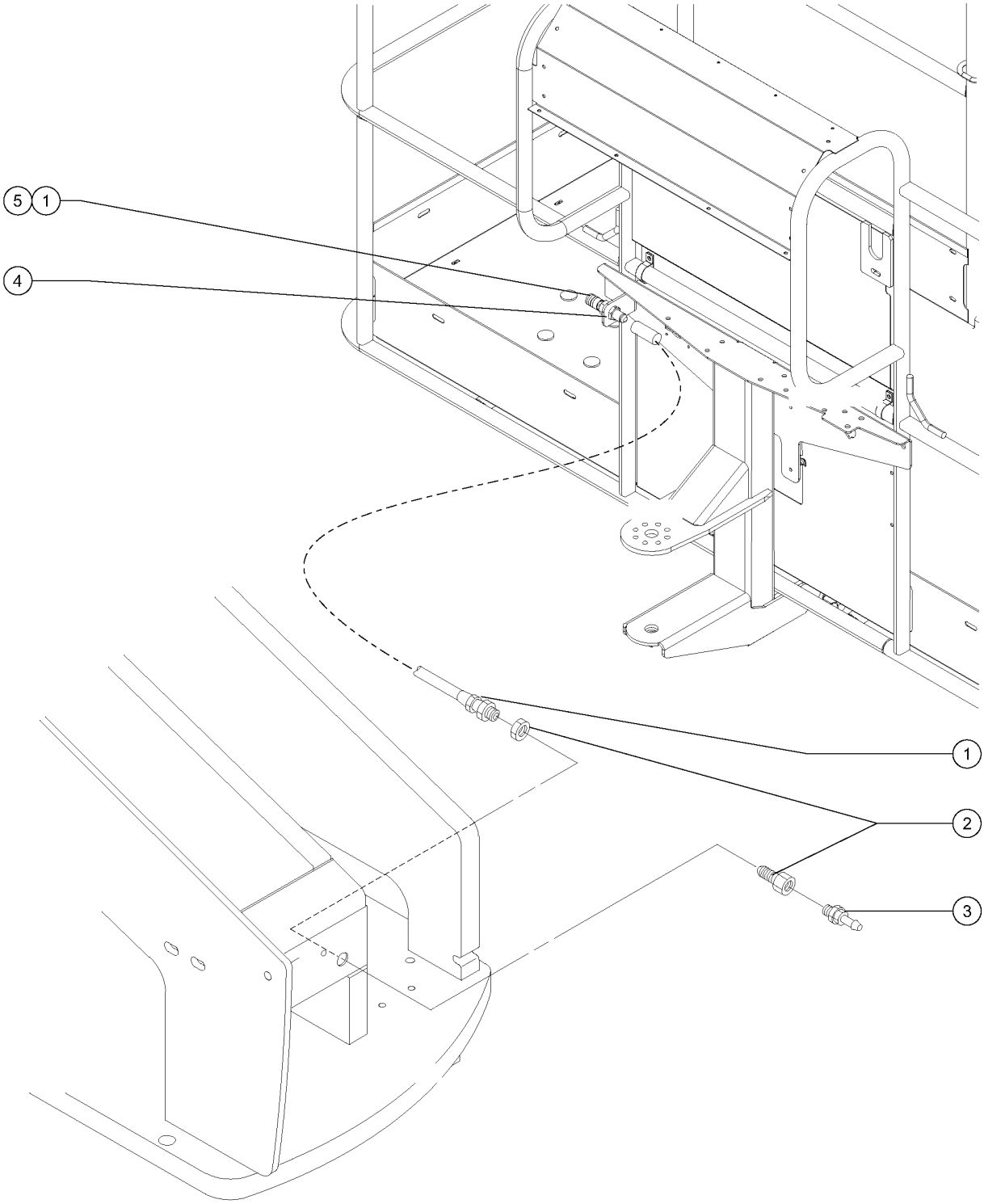
Item	Part No.	Description	Qty.
-	1290895GT	KIT, 6' FULL MESH W/FRONT HALF GATE	
-	1290893GT	KIT, 6' HALF MESH W/FRONT HALF GATE	
-	1290135GT	KIT,HALF FRONT,SWING GATE (Includes items 9-16)	
-	128368GT	KIT,SWING GATE W/SPRING (Includes items 23) (doesn't include 63311, 1487, and 1488) (Replacement Kit 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

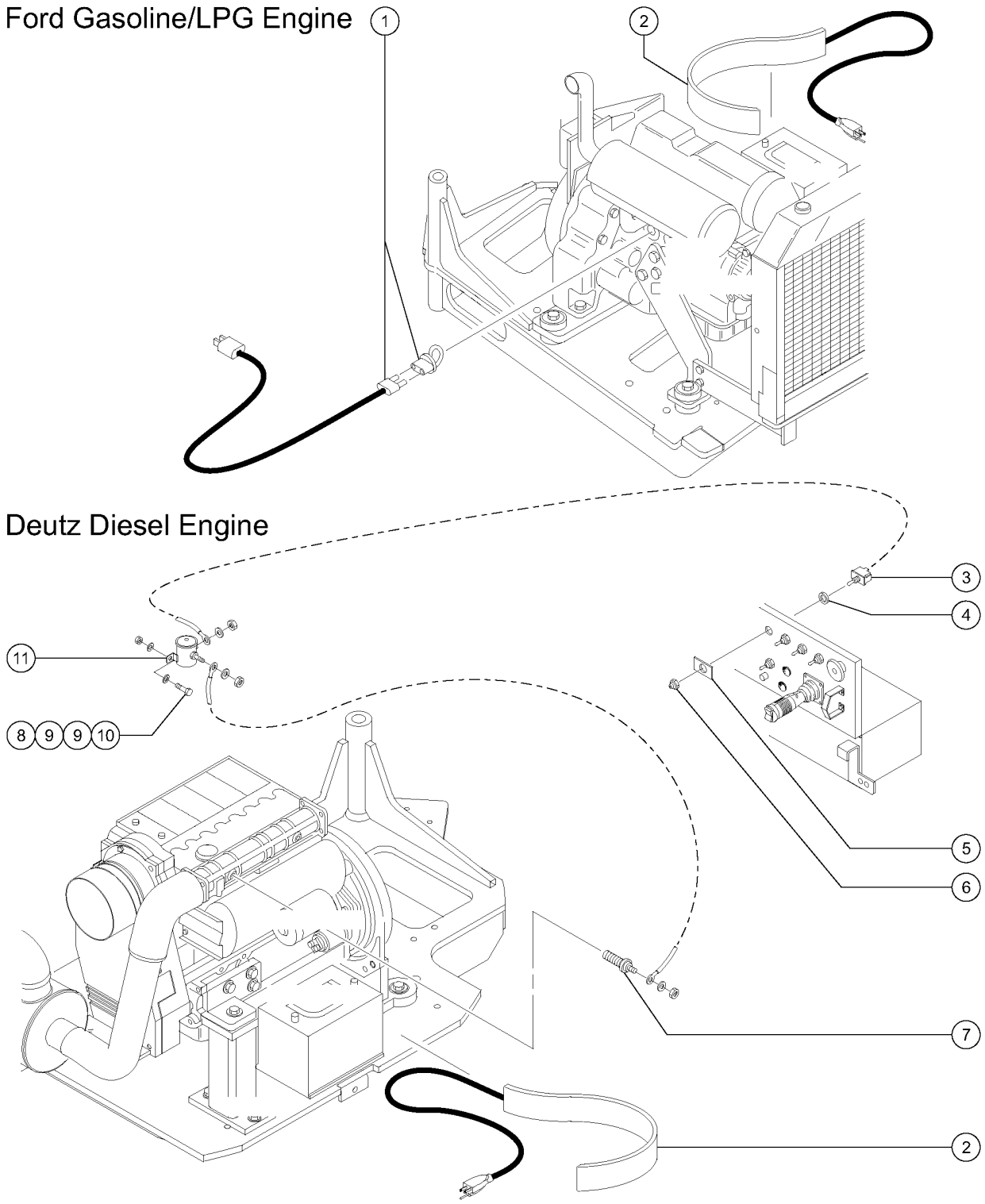


Item	*Part No.*	*Description*	*Qty.*
21B	101853GT	MESH,HALF,RH 5' PLATFORM 5 feet platform (from SN 22738)	
C		FULL GATE	
22	54457GT	MESH,HALF,SWING GATE***	1
23	128374GT	WELDMENT,SWING GATE,ALUMINUM	
23-	42104GT	SPRING,SHORT PLATFORM GATE	
23-	43392GT	BUMPER,BATTERY BOX & RAILS	
24	824207GT	RIVET, STL, 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



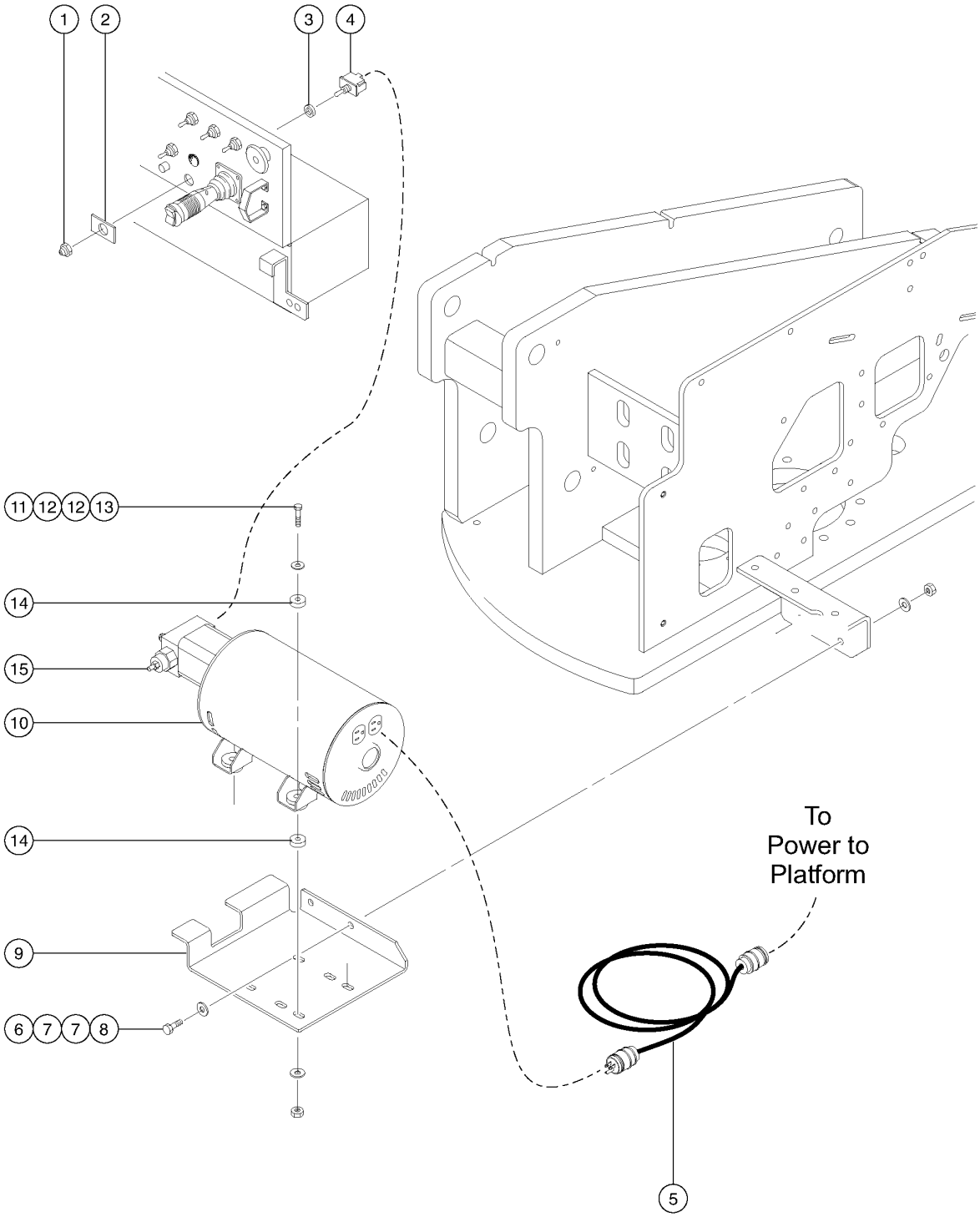
Item	Part No.	Description	Qty.
	27887GT	OPTION,AIRLINE TO PLATFORM	
1	70644-75792GT	HOSE ASSY,3/8 STR FEM STR FEM*	1
1-	16073GT	CLAMP,0.63,#10 X 1/4,RUB CUSH	
2	49212GT	FEMALE BULKHEAD CONNECTOR-8	2
3	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	1
4	70642PGT	BRACKET,AIR HOSE TO PLAT PAINT	1
5	49215GT	MPT,CPLR,1/4"SER,3/8"X18	1


Ford Gasoline/LPG Engine
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Deutz Diesel Engine
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905.1 Cold Start Package - Ford and Deutz Engines

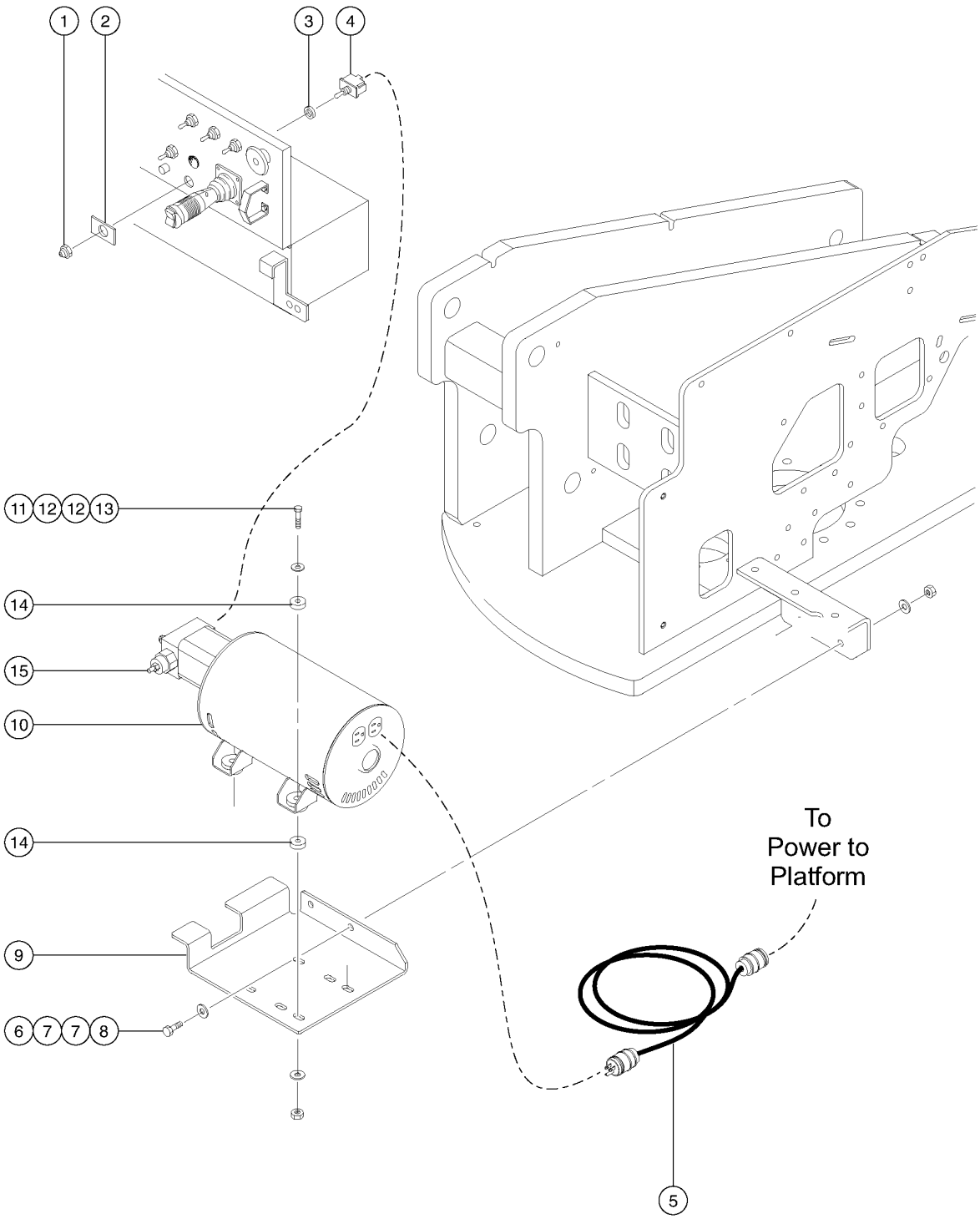
Item	Part No.	Description	Qty.
-	35609GT	COLD START PKG,FORD LRG kit no longer available for service replacement order individual components (28853GT, 35610GT)	
-	28853GT	BLANKET,BATTERY	1
-	35610GT	HEATER,FREEZE PLUG,FORD LRG423	1
-	119097GT	COLD START PKG,FORD DSG423	
-	30502-SGT	COLD START PKG,DIESEL	
1	35610GT	HEATER,FREEZE PLUG,FORD LRG423 Ford models	1
2	28853GT	BLANKET,BATTERY Ford and Deutz models	1
3	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* includes mounting fasteners; Deutz models	1
4	54692GT	SPACER,NYLON,.718 X .526 X.219	1
5	32726GT	DECAL,OPTION GLOW PLUGS*** Deutz models	1
6	27246GT	BOOT,TOGGLE SWITCH,SHORT* Deutz models	1
7	31408GT	GLOW PLUG,L1011 Deutz models	1
7-	88151GT	FUSE,70 AMP	
7-	55747GT	FUSE HOLDER, IN-LINE, 6AWG, MAXI	
8	6090GT	SCREW, HHC, 1/4-20 X .75 Deutz models	
9	6638GT	WASHER, FLAT, USS, 1/4"Y Deutz models	
10	6091GT	NUT,NYLOCK,1/4-20 Deutz models	
11	27155GT	SOLENOID,12V CONTINUOUS*** Deutz models	1

906.1 Hydraulic Generator Option - Gas/LPG Models (to SN 30141)



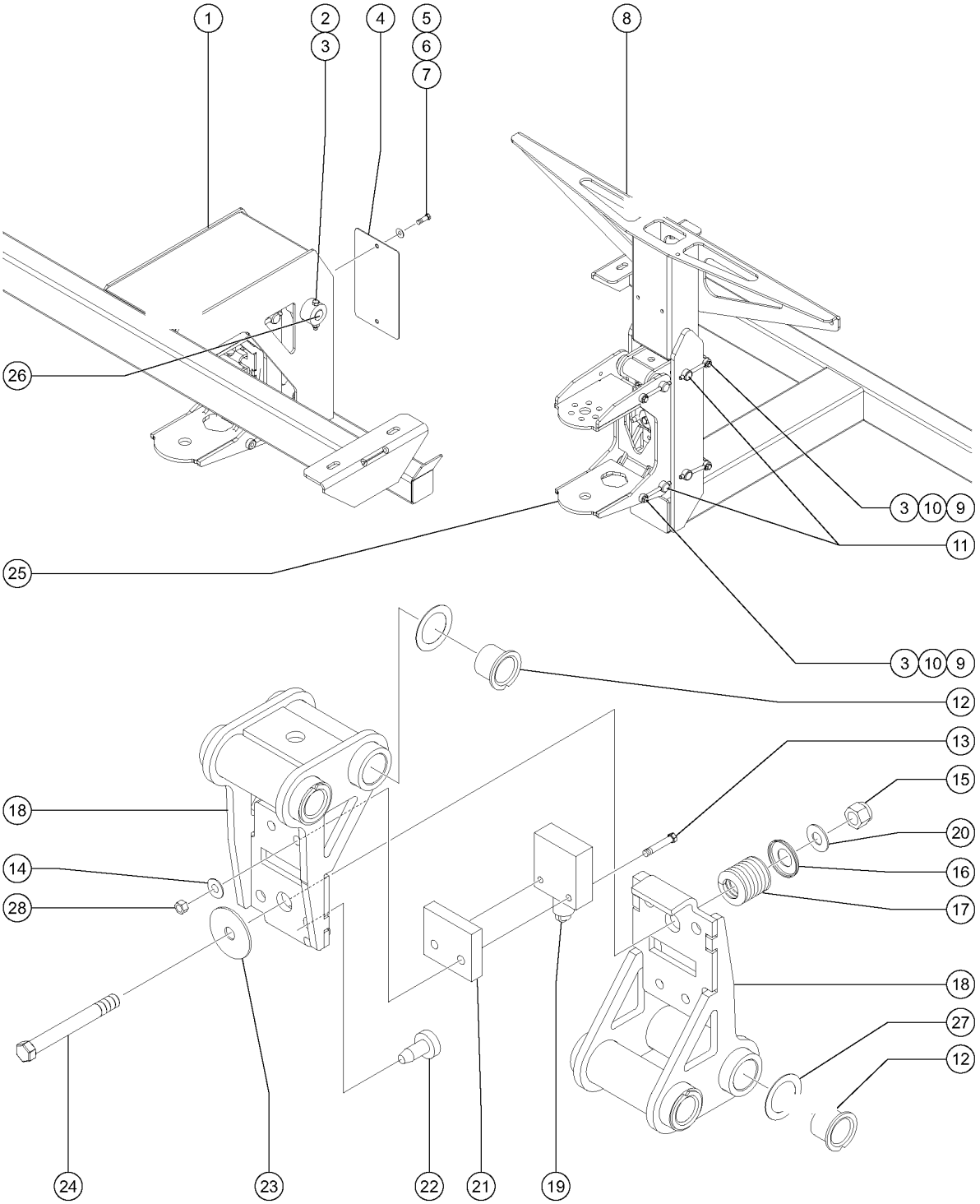
Item	Part No.	Description	Qty.
	110393-SGT	GEN.OPT.FORD,110V/3000W Z45***	
	110394-SGT	GEN.OPT.FORD,220V/2500W Z45	
1	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
2	32728GT	DECAL,OPTION GENERATOR***	1
3	54692GT	SPACER,NYLON,.718 X .526 X.219	
4	56457-SGT	SWITCH,TOGGLE,SPDT,2 POS MAINT includes mounting fasteners	1
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	22788GT	SCREW,HHC,1/2-13 X 1.75	
7	6095GT	WASHER,FLAT,USS,1/2",Y	
8	6198GT	NUT, NYLOCK, 1/2-13	
9	54207GT	BRACKET,MOUNTING	
10A	111381GT	GEN,HYD,3000W,110V,60HZ includes rubber isolators	1
10A-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
10A-	32732GT	RECTIFIER ASSEMBLY	
10A-	58402GT	BRIDGE,50A FULL WAVE**	
10A-	89718GT	BRUSH ENDBELL ASSEMBLY (35659)	
10A-	52001GT	HYDRAULIC MOTOR 3000W GENER	
10A-	T111608GT	SEAL,RETAINING RING for pump	
10A-	T111609GT	SEAL,SHAFT for pump	
10A-	T111610GT	SPACER for pump	
10A-	T111611GT	BEARING,MOTOR for pump	
10A-	T111612GT	RETAINING RING for pump	
10A-	T111613GT	SHAFT,MOTOR for pump	
10A-	58954GT	O-RING,SPACER #115*** for pump	

906.1 Hydraulic Generator Option - Gas/LPG Models (to SN 30141)



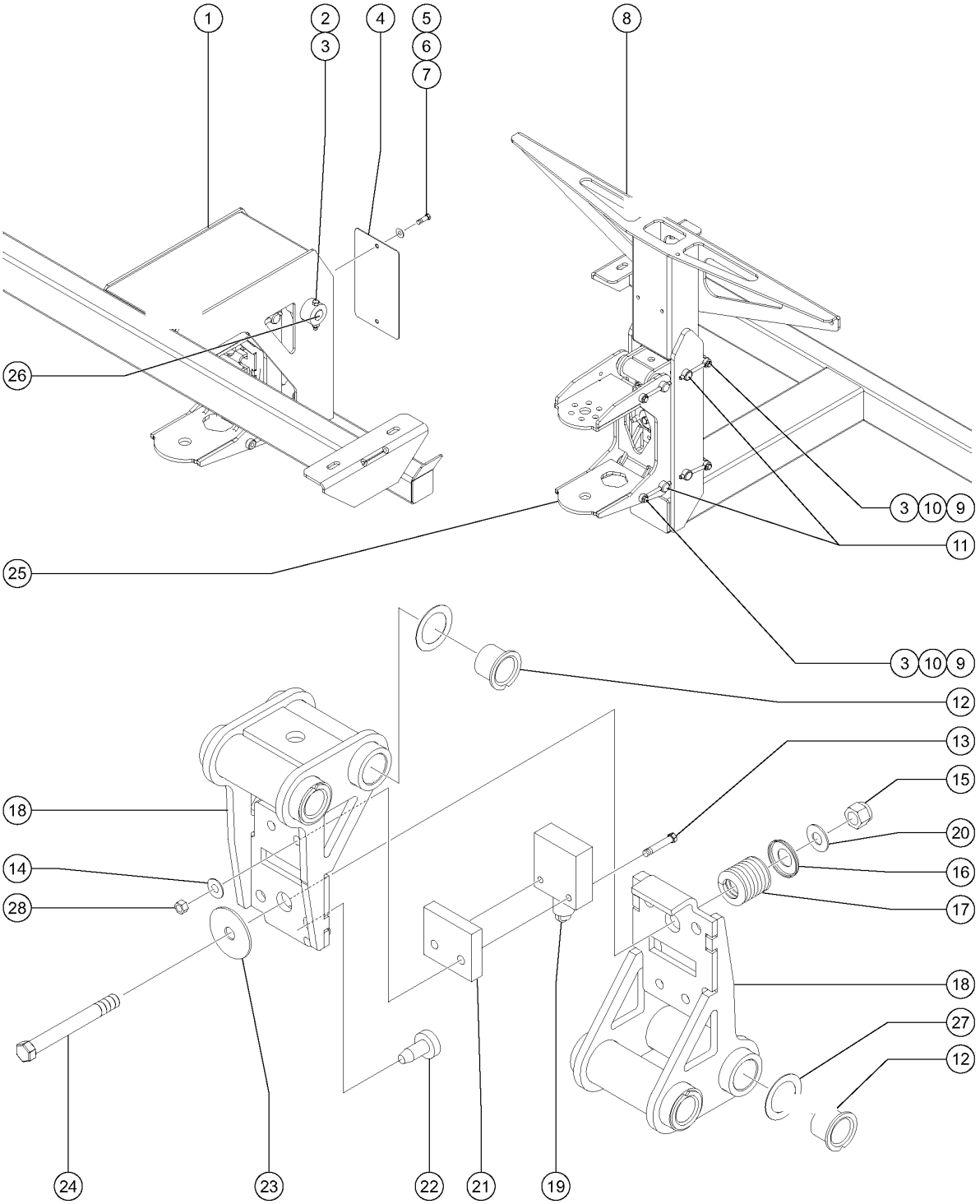
Item	Part No.	Description	Qty.
10A-	147836GT	SEAL, GASKET, .00075" *GOLD* ..... for pump	
10A-	147837GT	SEAL, GASKET, .0005" *SILVER* ..... for pump	
10A-	147838GT	SEAL, GASKET, .0010" ..... for pump	
10A-	147839GT	ASSM, GEN. ONLY, 110V, 60HZ	
10B	36928GT	GENERATOR,2500W HYD.220/50HZ ..... includes rubber isolators	1
10B-	32732GT	RECTIFIER ASSEMBLY	
10B-	58402GT	BRIDGE,50A FULL WAVE**	
10B-	52085GT	BRUSH HOLDER ASSY, 2500W GENER	
10B-	52086-RGT	MOTOR -HYD.2500W GENER REFURB.	
10B-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
10B-	58954GT	O-RING,SPACER #115***	
10B-	T111608GT	SEAL,RETAINING RING ..... for pump	
10B-	T111609GT	SEAL,SHAFT ..... for pump	
10B-	T111610GT	SPACER ..... for pump	
10B-	T111611GT	BEARING,MOTOR ..... for pump	
10B-	T111612GT	RETAINING RING ..... for pump	
10B-	T111613GT	SHAFT,MOTOR ..... for pump	
10B-	147836GT	SEAL, GASKET, .00075" *GOLD* ..... for pump	
10B-	147837GT	SEAL, GASKET, .0005" *SILVER* ..... for pump	
10B-	147838GT	SEAL, GASKET, .0010" ..... for pump	
11	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	4
12	5397GT	WASHER, FLAT, USS, 5/16-18	
13	4828GT	NUT, NYLOCK, 3/8-16	
14	84080GT	ISOLATR KIT,RUBBR,2KW GENERATR	4
15	65841GT	PRIORITY FLOW CONTROL VALVE*** ..... for 3000W generators	
15-	32735GT	VALVE,PRI. FLOW REG 4.3 ..... for 2000W & 2500W generators	

907.1 Platform Overload Option, Z-45/25



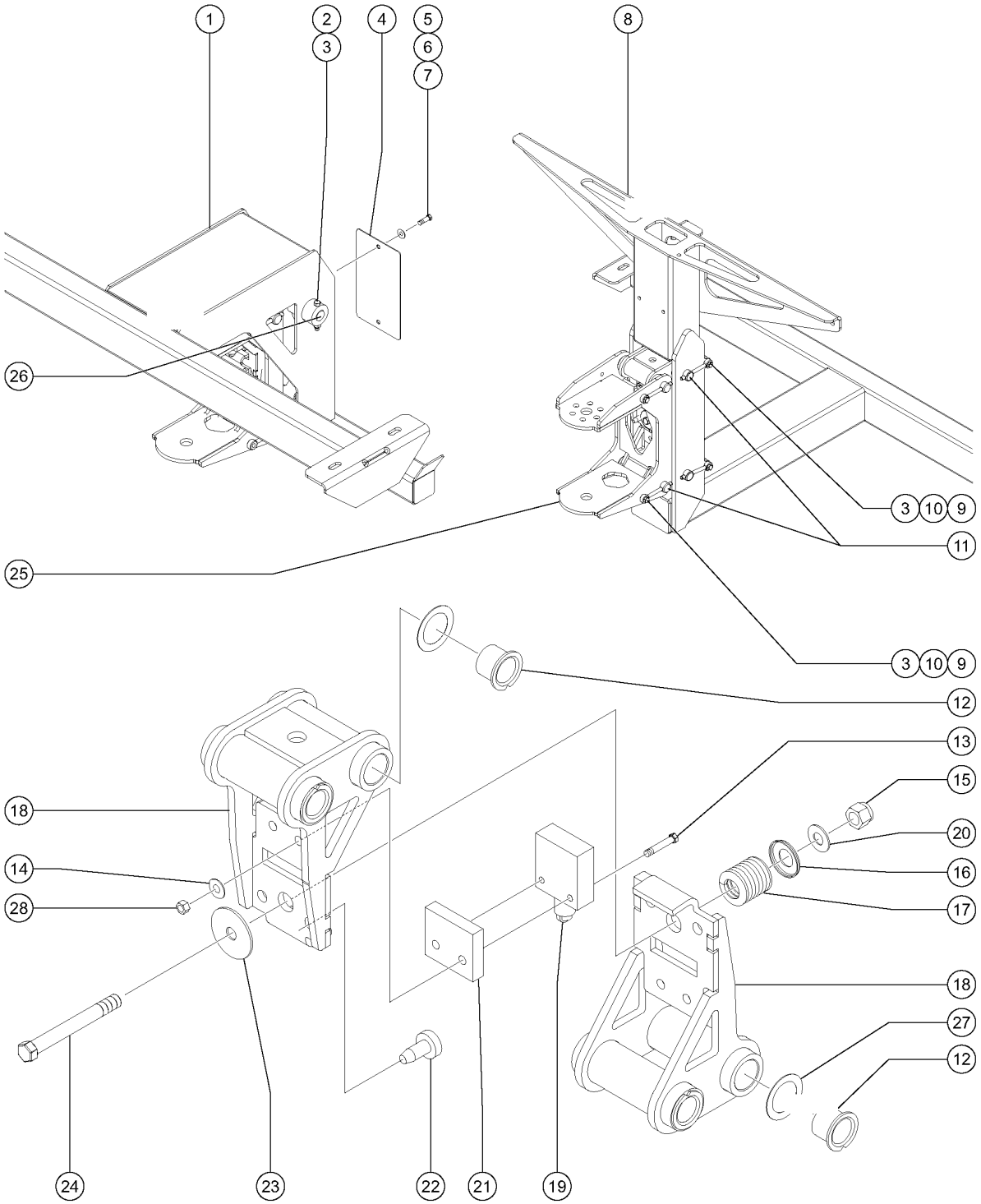
Item	Part No.	Description	Qty.
	128045GT	MODULE,LOAD SENSE 2007	
1	98154GT	WELDMENT,PLAT SUPPORT,LS non-jib models with platform overload option	1
2	4266GT	SCREW,HHC,1/4-20 X 2	
3	6091GT	NUT,NYLOCK,1/4-20	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	6090GT	SCREW, HHC, 1/4-20 X .75	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
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
19	94642GT	SWITCH,LOAD LIMIT	
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	

907.1 Platform Overload Option, Z-45/25



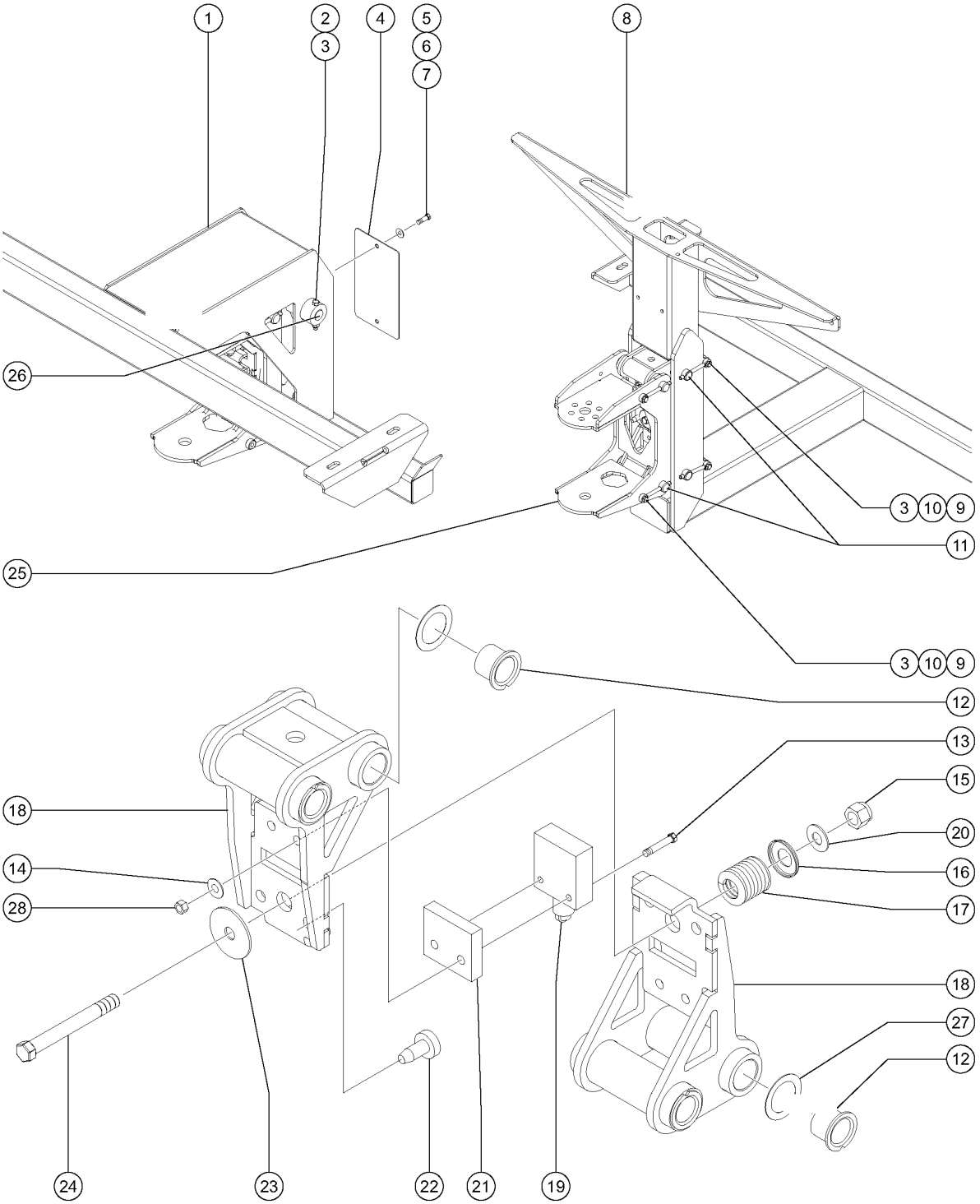
Item	Part No.	Description	Qty.
27	110789GT	WASHER,SHIM .0151 THK.	as-needed
28	5365GT	NUT,NYLOCK,10-24	

907.2 Platform Overload Option, Z-45/25J



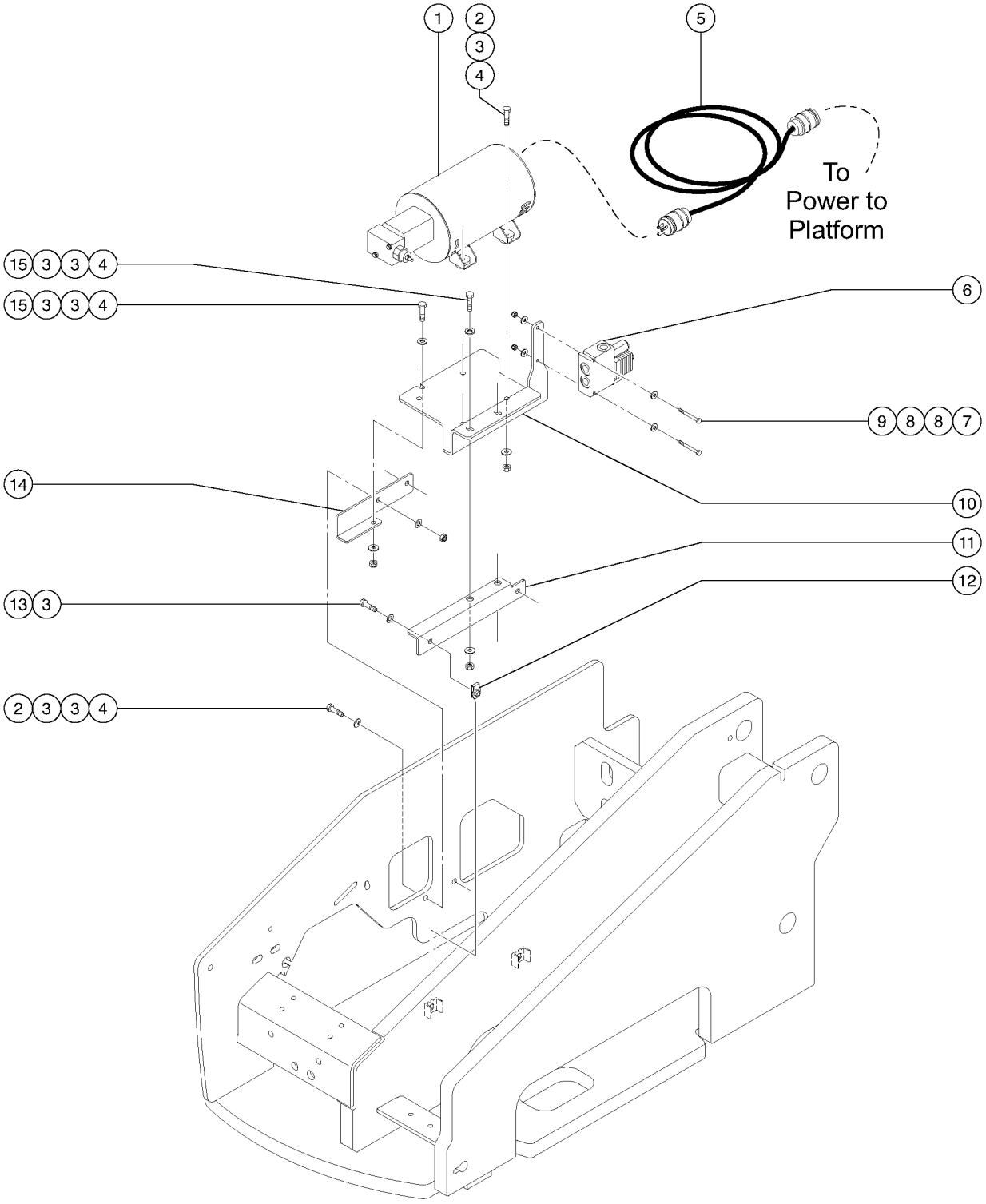
Item	Part No.	Description	Qty.
	128045GT	MODULE,LOAD SENSE 2007	
2	4266GT	SCREW,HHC,1/4-20 X 2	
3	6091GT	NUT,NYLOCK,1/4-20	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	6090GT	SCREW, HHC, 1/4-20 X .75	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
8	61998GT	WELDMENT,PLATFORM SUPPORT jib models with platform overload option	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
19	94549GT	SWITCH,LOAD LIMIT	1
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

907.2 Platform Overload Option, Z-45/25J



Item	Part No.	Description	Qty.
28	5365GT	NUT,NYLOCK,10-24	

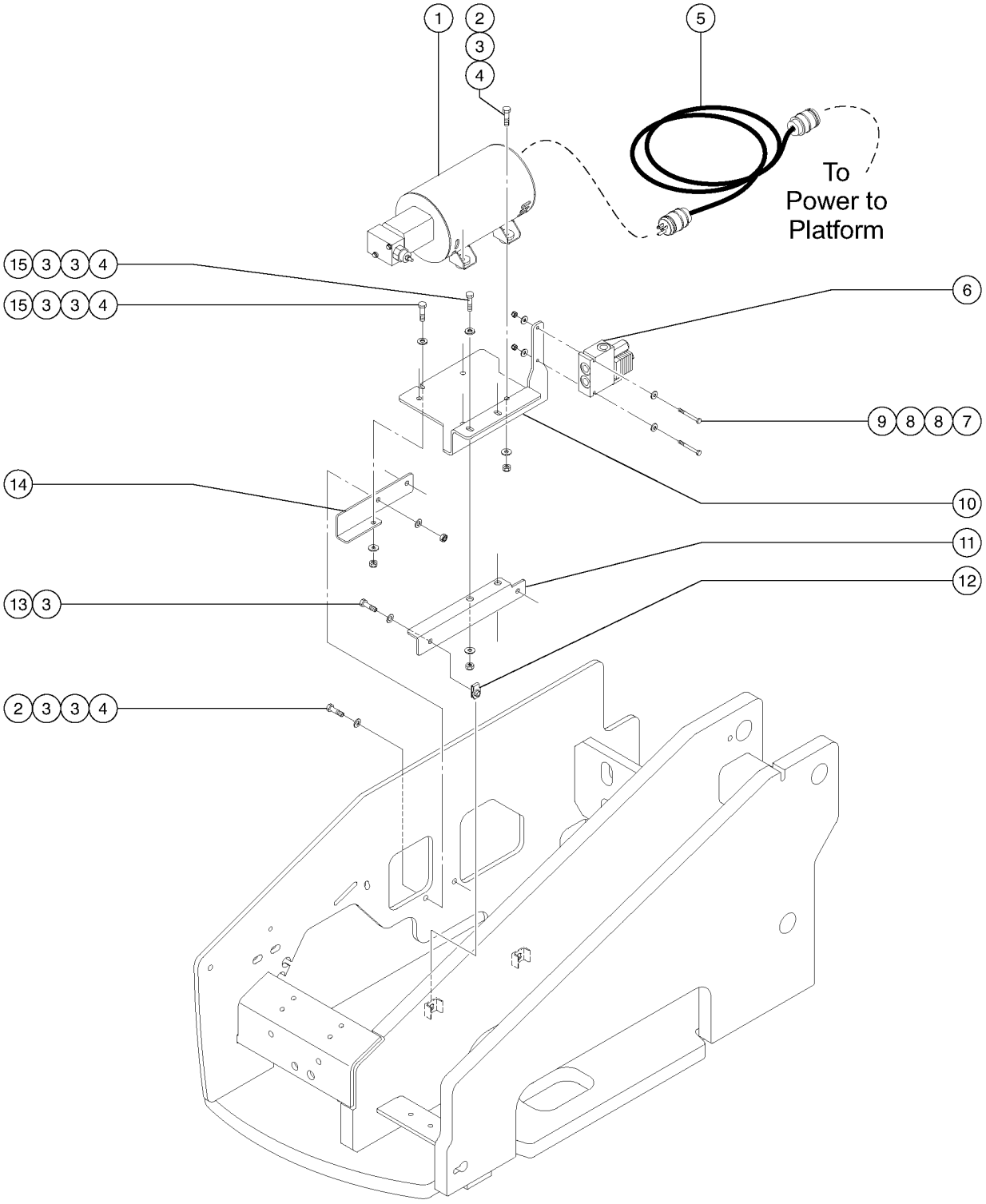
908.1 Hydraulic Generator Option - Gas/LPG Models (from SN 30142)



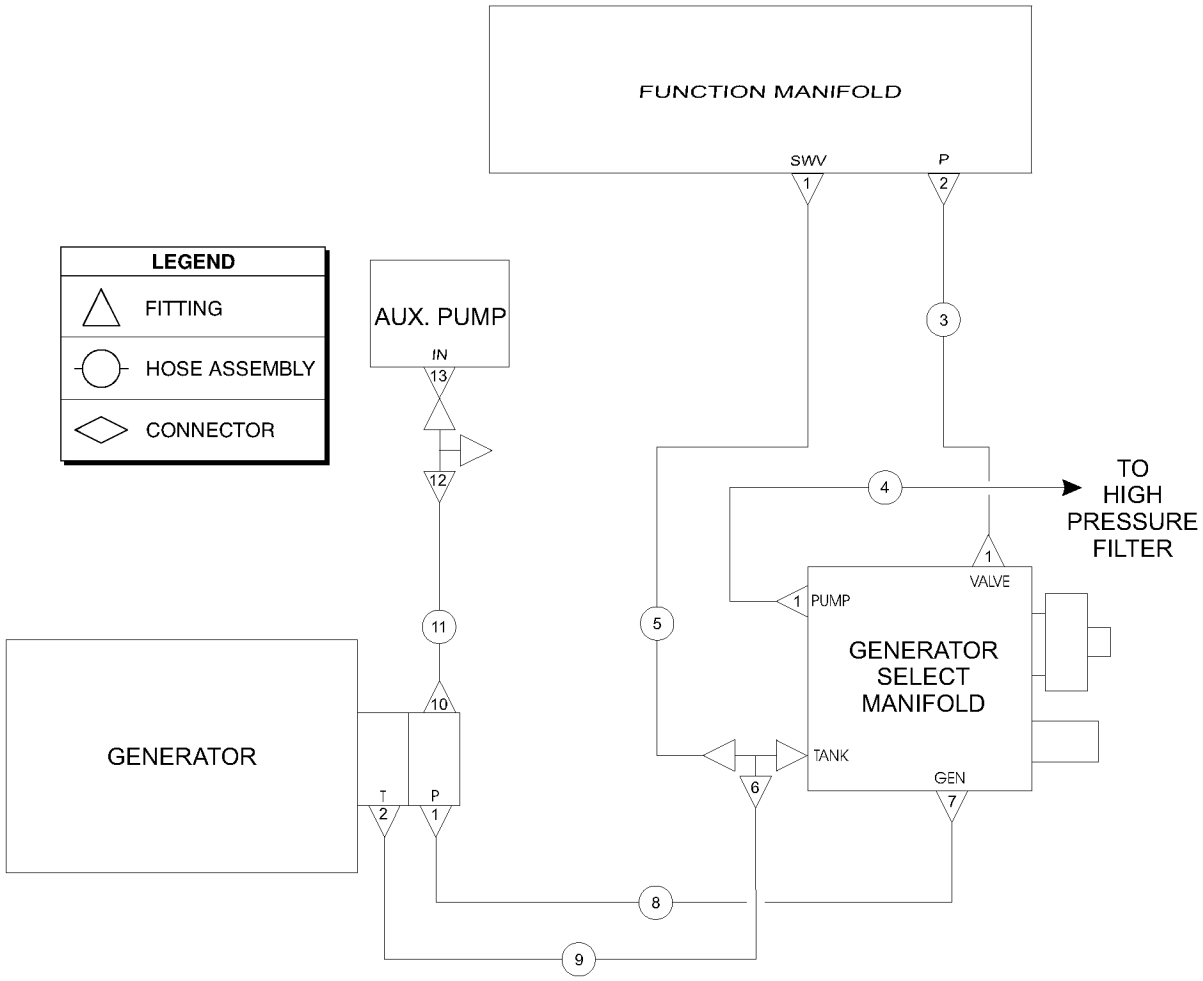
908.1 Hydraulic Generator Option - Gas/LPG Models (from SN 30142)

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-	T111608GT	SEAL,RETAINING RING for pump	
1B-	T111609GT	SEAL,SHAFT for pump	

908.1 Hydraulic Generator Option - Gas/LPG Models (from SN 30142)

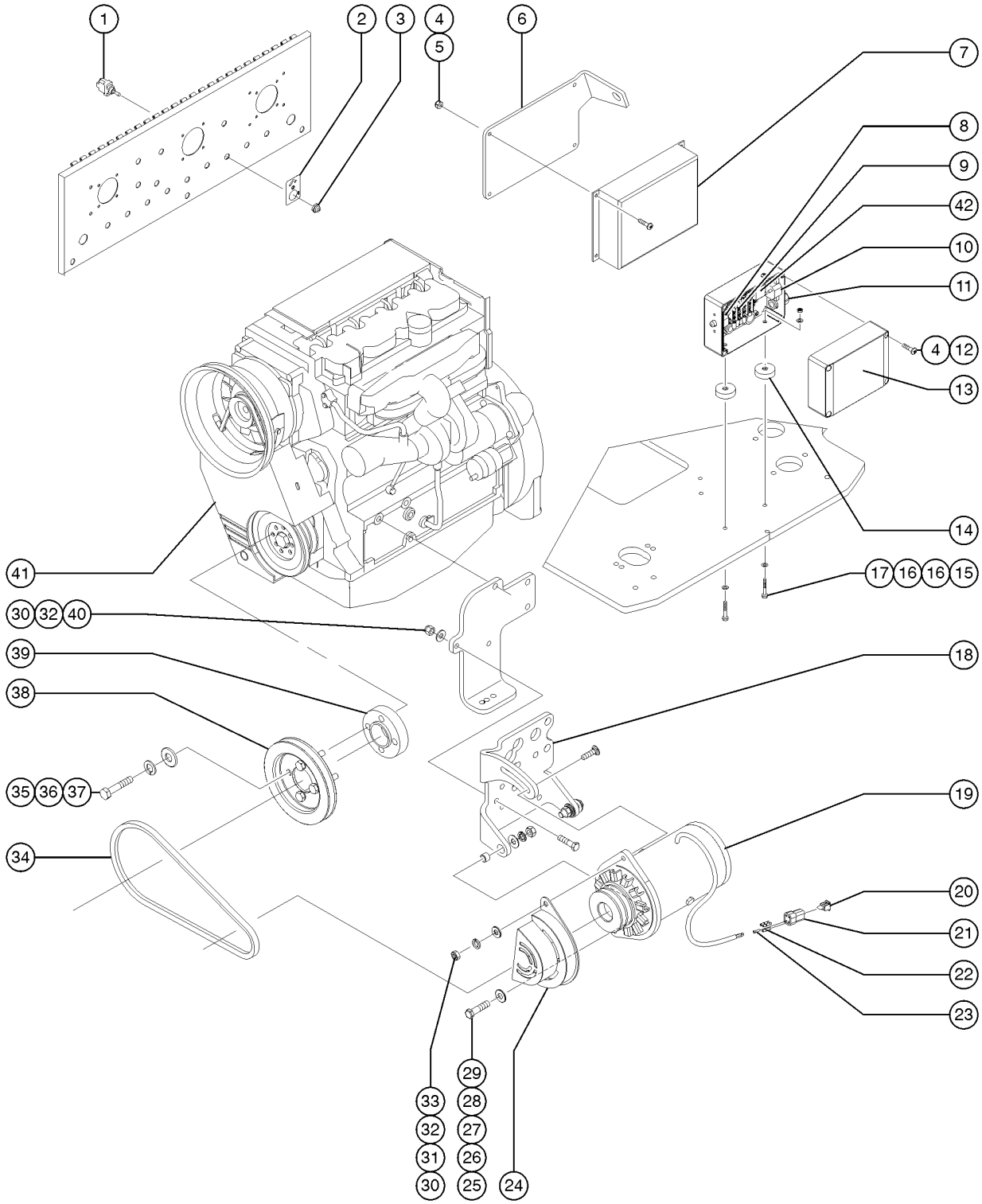


Item	Part No.	Description	Qty.
1B-	T111610GT	SPACER for pump	
1B-	T111611GT	BEARING,MOTOR for pump	
1B-	T111612GT	RETAINING RING for pump	
1B-	T111613GT	SHAFT,MOTOR for pump	
1B-	147836GT	SEAL, GASKET, .00075" *GOLD* for pump	
1B-	147837GT	SEAL, GASKET, .0005" *SILVER* for pump	
1B-	147838GT	SEAL, GASKET, .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	
14	119516PGT	FORMING,GENERATOR GUIDE,PTD	1
15	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	


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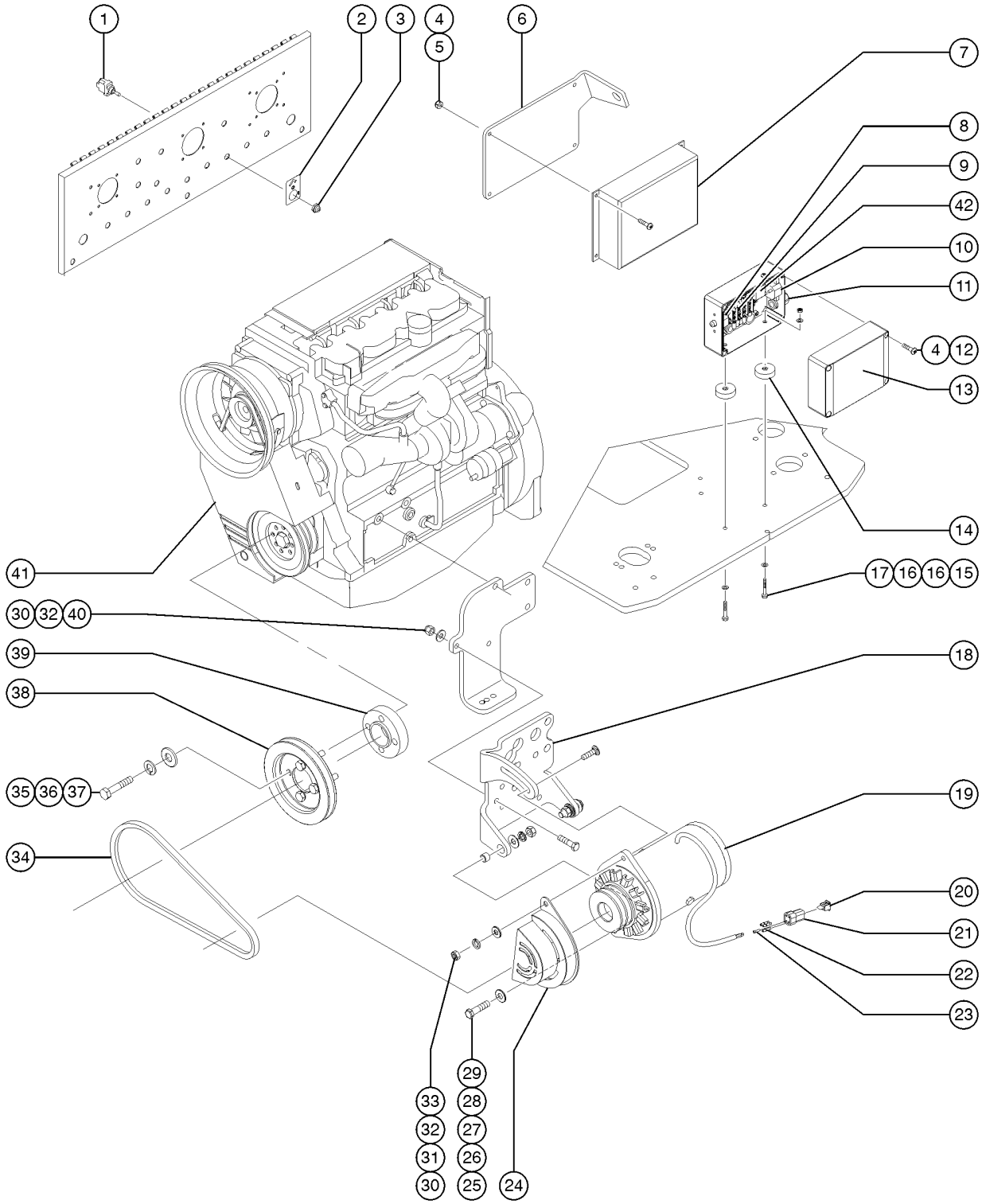
Item	Part No.	Description	Qty.
1	48933GT	CONN,520120-8***	4
2	48946GT	CONN,520120-8-10	2
3	75278-5129GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
4	75278-4579GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
5	49183-6492GT	HOSE ASSY,1/2,STR FEM.STR FEM	1
6	48935GT	TEE,RUN, 520428-8	1
7	48932GT	FITTING,ELBOW,90D,520220-8***	1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

910.1 Belt Driven Generator - Diesel Models



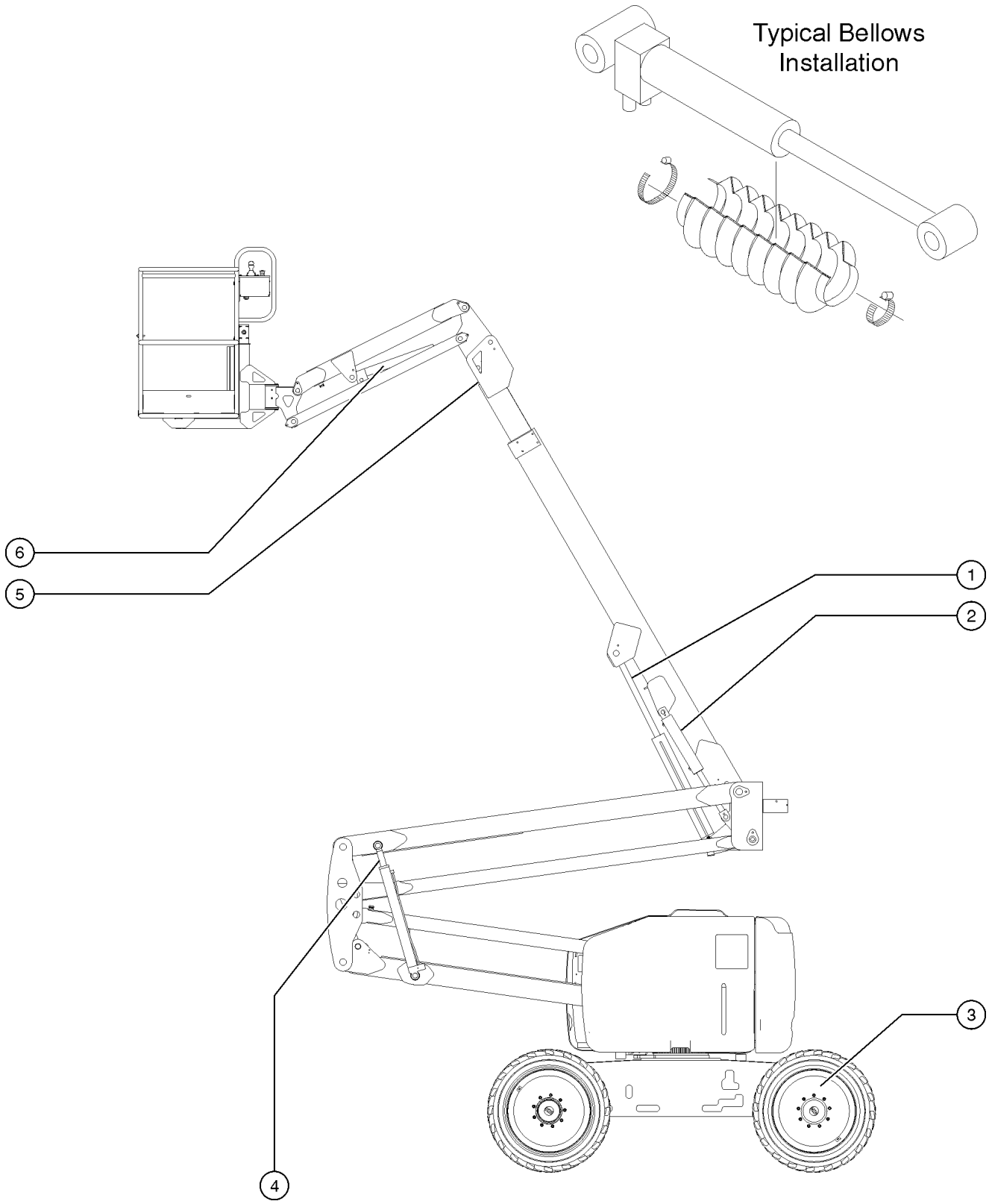
Item	Part No.	Description	Qty.
	106030GT	HARNESS, BD GEN.110V/60HZ Z45D	
	106566GT	HARNESS, BD GEN.220V/50HZ Z45D	
	101939GT	HARNESS, BD GEN.110V/60HZ Z45P	
	106565GT	HARNESS, BD GEN.220V/50HZ Z45P	
1	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
2	32728GT	DECAL,OPTION GENERATOR***	1
3	27246GT	BOOT,TOGGLE 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
7	60738GT	VOLTAGE REGULATOR,110V	1
7	60739GT	VOLTAGE REGULATOR,220V	
8	60887GT	CIRCUIT BREAKER, 30 AMP	1
9	69776GT	TERMINAL,STRIP,4-POLE,600V***	1
10	61195GT	CIRCUIT BREAKER, 12.5 AMP	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	
20	60528GT	LOCK,PLUG 4 WAY,12-14GA***	1

910.1 Belt Driven Generator - Diesel Models



Item	Part No.	Description	Qty.
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	
34A	106535GT	BELT,AX33*** single pulley	1
34B	106535GT	BELT,AX33*** dual pulley	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 pulley	1
38B	236460GT	V-BELT DOUBLE PULLEY dual pulley	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

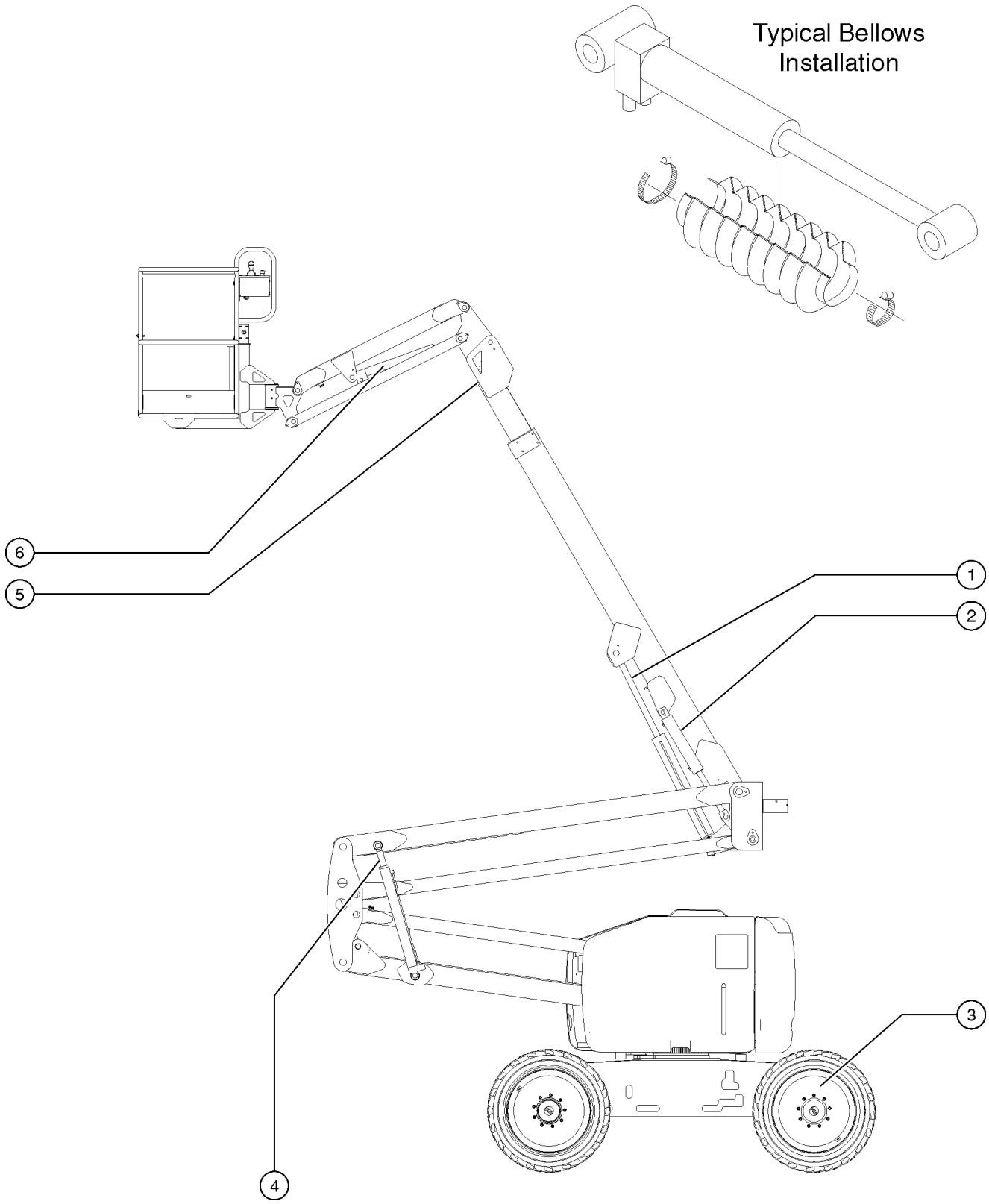
911.1 Hostile Environment Package - View 1, Z-45/25



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

Item	Part No.	Description	Qty.
	54884GT	BELLOWS,CYLINDER KIT,Z45 N/JIB	
1	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

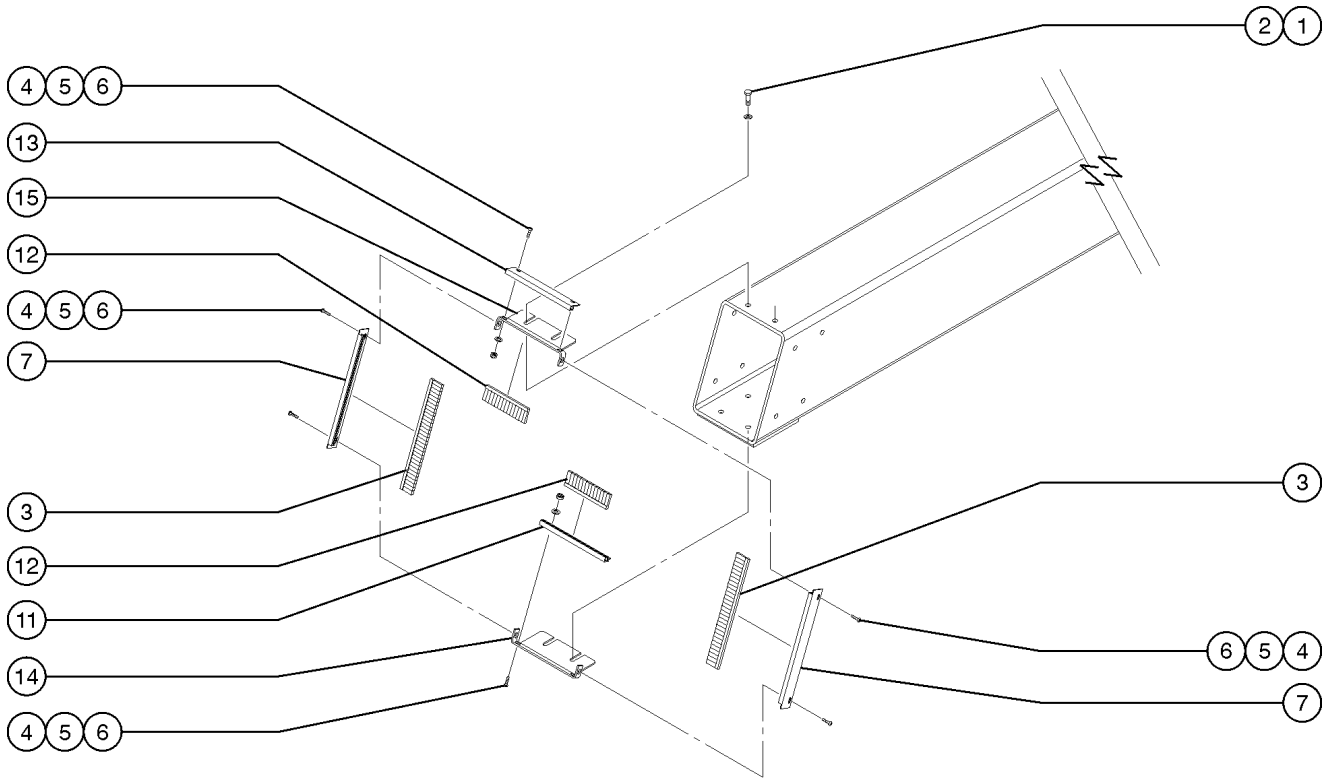
911.2 Hostile Environment Package - View 1, Z-45/25J



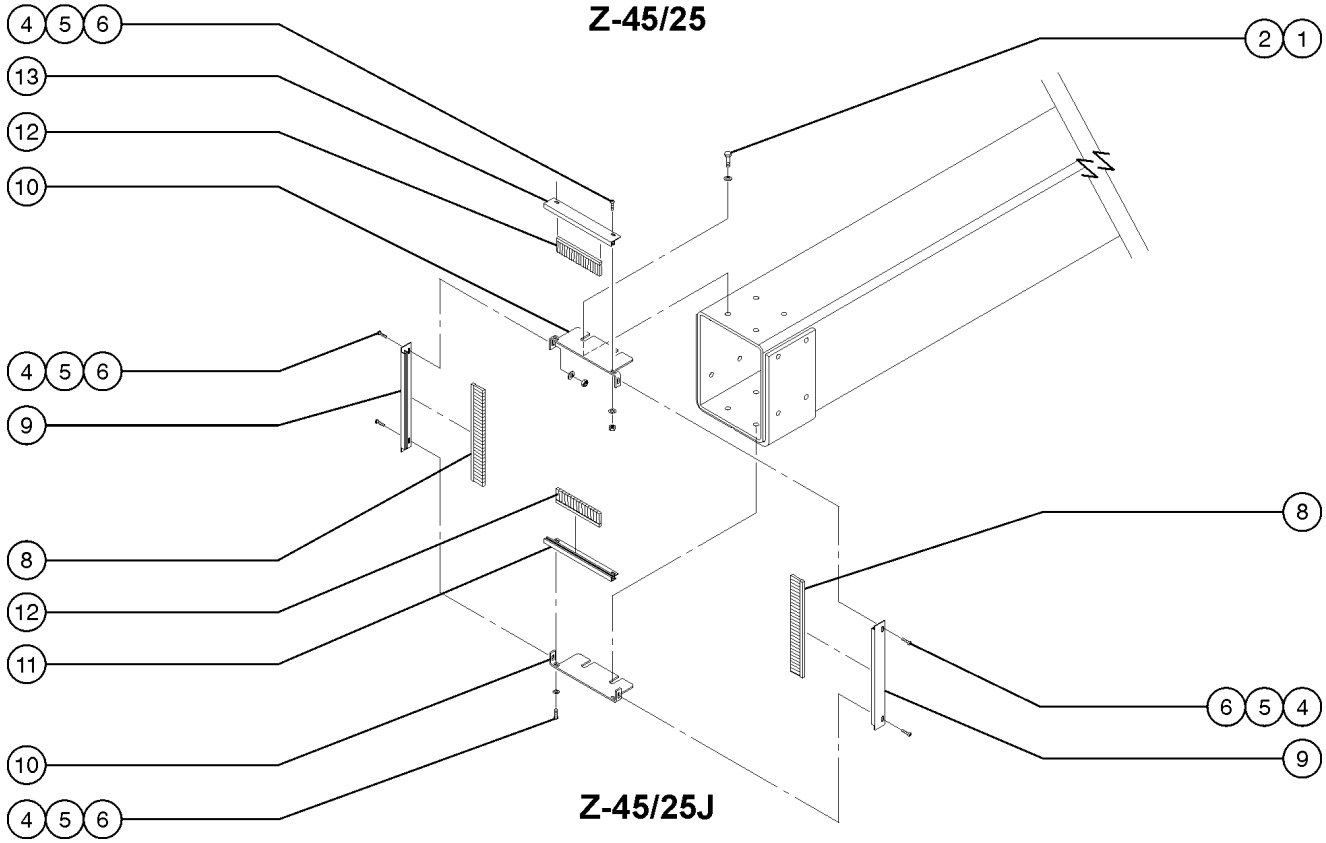
911.2 Hostile Environment Package - View 1, Z-45/25J

Item	Part No.	Description	Qty.
	54883GT	BELLOWS,CYL.KIT,Z45&Z51 JIB	
1	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	1

912.1 Hostile Environment Package - View 2, Z-45/25



Z-45/25

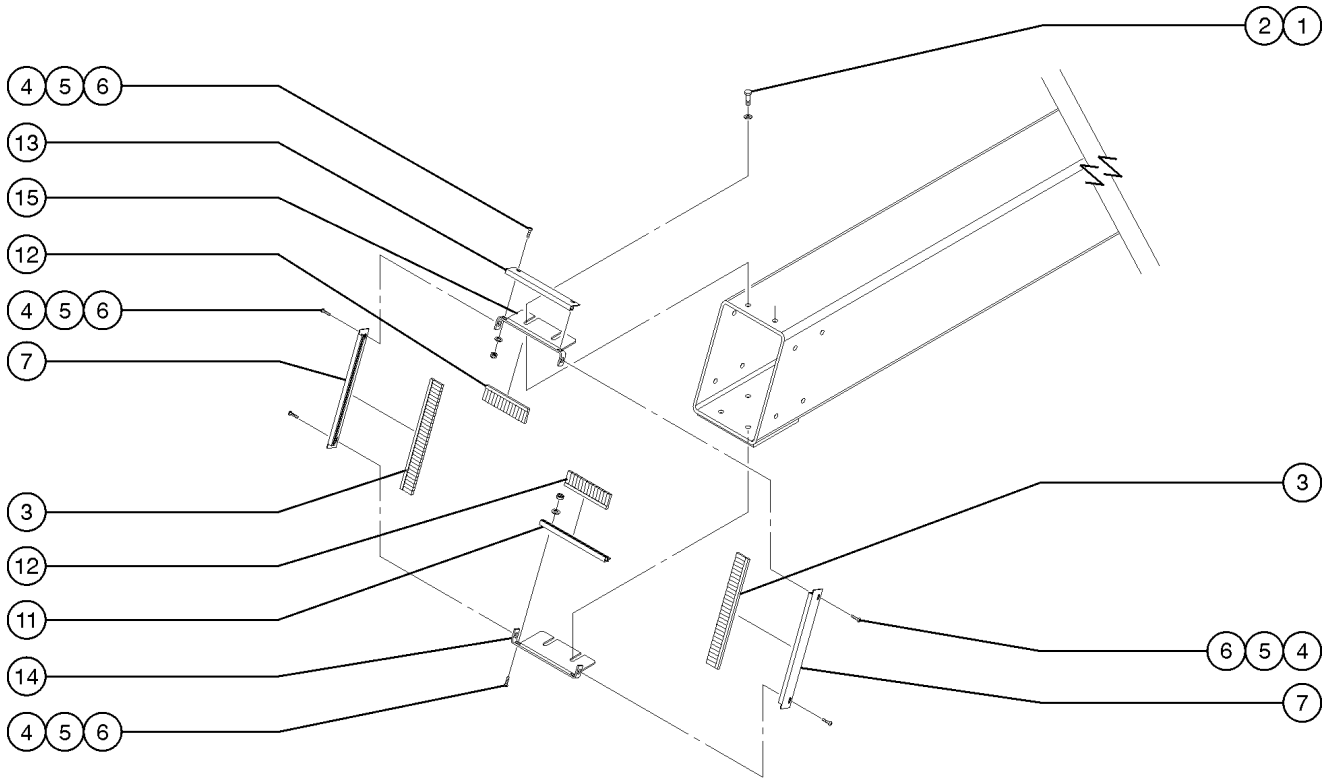


Z-45/25J

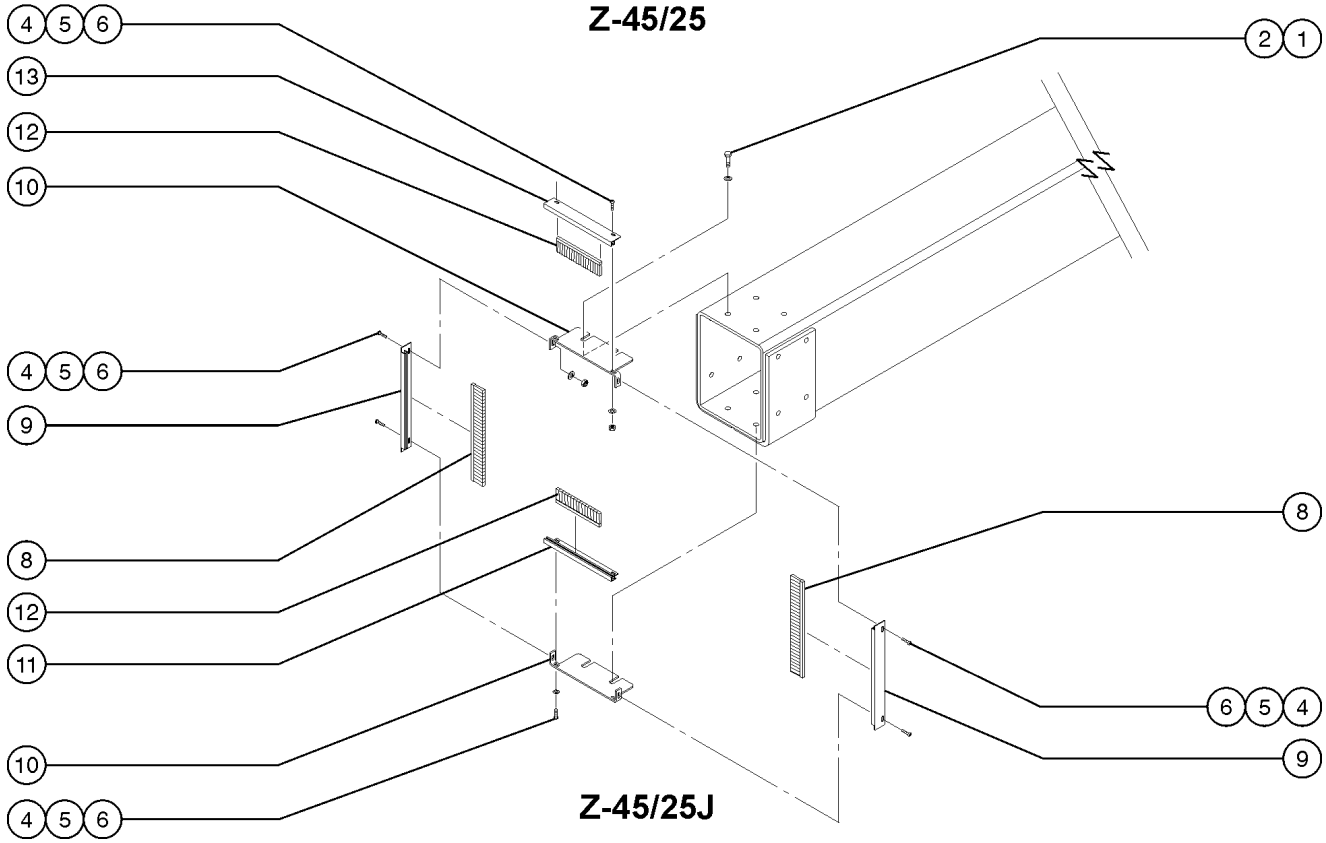
912.1 Hostile Environment Package - View 2, Z-45/25

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

912.2 Hostile Environment Package - View 2, Z-45/25J



Z-45/25

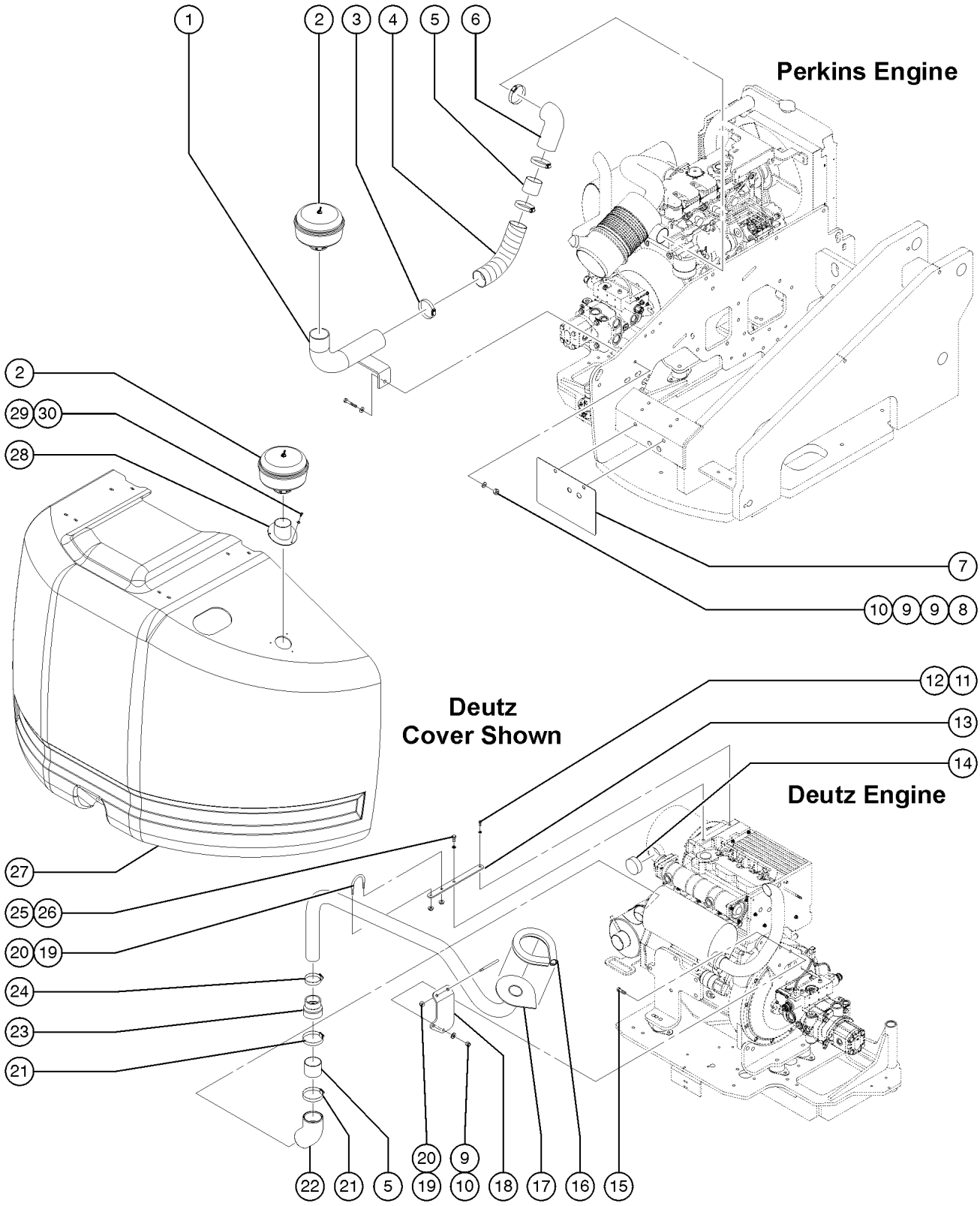


Z-45/25J

912.2 Hostile Environment Package - View 2, Z-45/25J

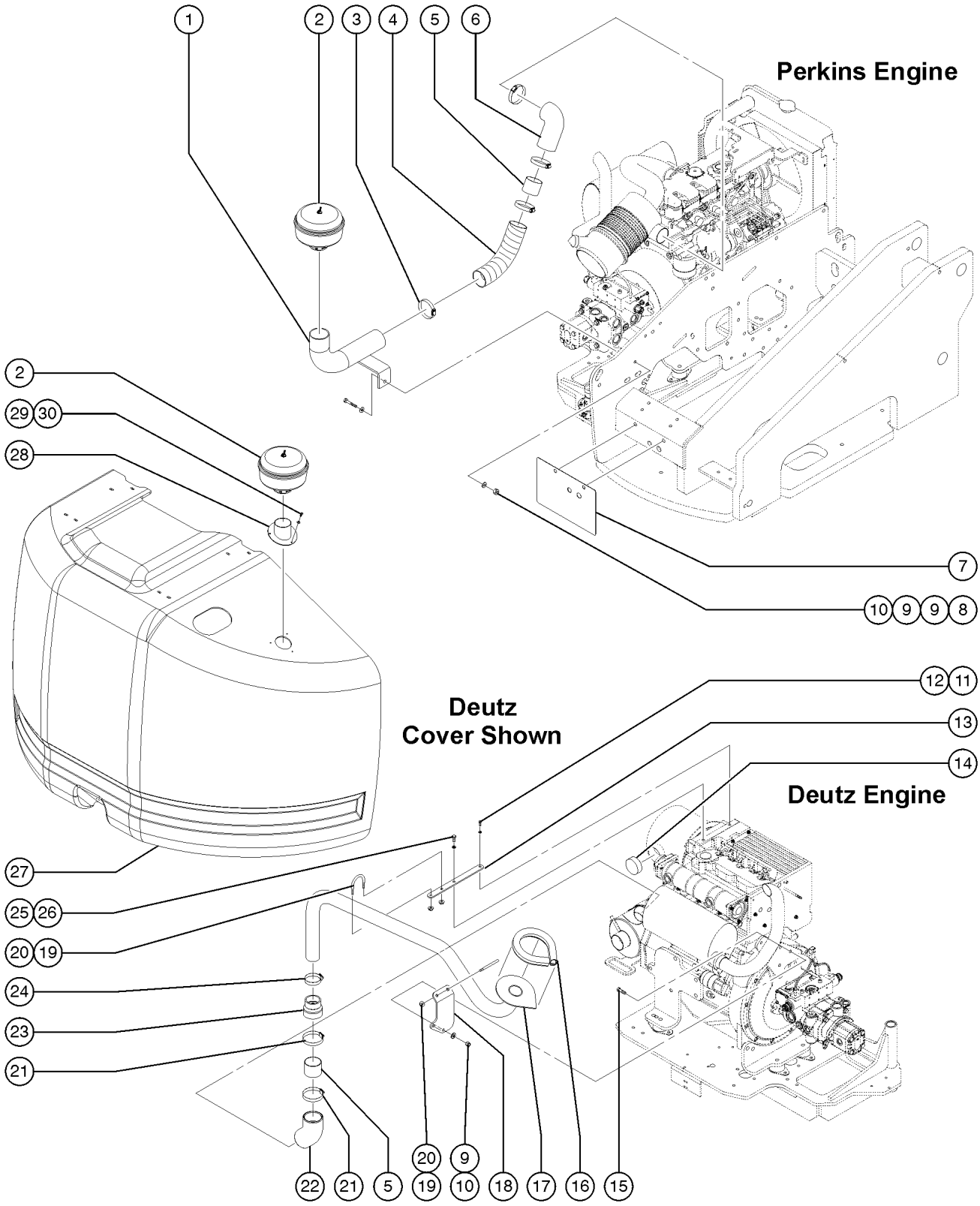
Item	Part No.	Description	Qty.
1	8255GT	SCREW,HHC,3/8-16 X .75	
2	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	56286GT	SCREW,RHM,8-32 X .75	
5	35461GT	WASHER,FLAT,MS,#8,Y	
6	18605GT	NUT,NYLOCK,8-32	
8	54841-0888GT	BRUSH FILAMENT,SEALEZE,8.88"LG	2
9	54878GT	HOLDER,BRUSH,9.25LG,JIB	2
10	54876PGT	BRACKET,EXT BOOM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

913.1 Hostile Environment Package - Engine Air Pre-cleaners



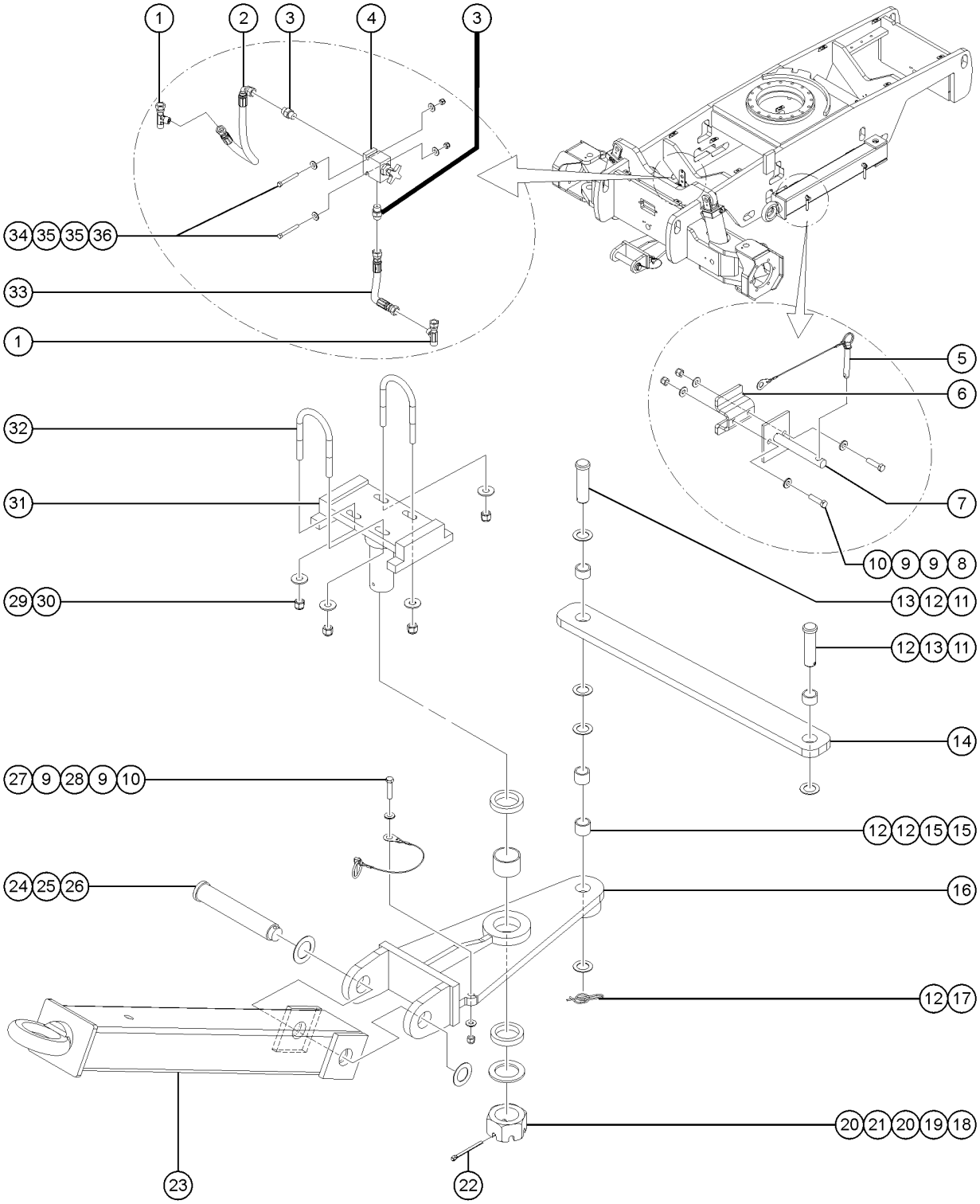
Item	Part No.	Description	Qty.
	110746GT	ASSY,DEUTZ PRE FILTER	
	119686GT	ASSY,PERKINS PRE FILTER	
1	139575GT	WELDMENT, HOSE ANGLE BRACKET (replaced 35067-200, 119687, and 34164)	1
2	34959GT	PRECLEANER,AIR INTAKE***	1
3	45435GT	CLAMP,HOSE,2.50"	4
4	119770GT	HOSE,2.5" FLEX	1
5	35067GT	TUBE,RD,ALUM 2.5 X .083	2 inches
6	50941GT	HOSE,90DEG 2.5" AIR INTAKE	1
7	70649GT	PLATE,FRONT COVER	1
8	5397GT	WASHER, FLAT, USS, 5/16-18	2
9	4828GT	NUT, NYLOCK, 3/8-16	1
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	1
11	49375GT	SCREW,HHC,M6 X 16	
12	49407GT	WASHER,LOCK,M6	
13	110631GT	BRACKET, PRECLEANER TUBE	1
14	70529GT	CAP,PLASTIC,2.5 ID	1
15	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
16	60875GT	TRIM MOLDING	21 inches
17	110298GT	WELDMENT, PRECLEANER CONN.	1
18	110632GT	FORMING, PRECLEANER TUBE	1
19	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
20	80391GT	U-BOLT,5/16 -18 X 2IN**	
21	45435GT	CLAMP,HOSE,2.50"	2
22	33361GT	ELBOW,45 DEGR,RUBBER,2.5"I.D.	1
23	70488GT	REDUCER,RUBBER 2.5 - 2	1
24	35434GT	CLAMP,HOSE,2.00***	1
25	23057GT	SCREW,HHC,M8 X 20MM	

913.1 Hostile Environment Package - Engine Air Pre-cleaners



Item	*Part No.*	*Description*	*Qty.*
26	49408GT	WASHER, LOCK, M8	
27A	128436GT	COVER ASSY,DTZ HOST ENV,WORD	1
27B	128437GT	COVER ASSY,DTZ HOST ENV,SYMB	
27C	128479GT	COVER ASSY,PKNS HOST ENV,WORD	
27D	128480GT	COVER ASSY,PKNS HOST ENV,SYMB	
28	110301GT	WELDMENT, PRECLEANER MT.	1
29	73612GT	SCREW,PHM,10-24X.50,SELF TAP	
30	35461GT	WASHER,FLAT,MS,#8,Y	

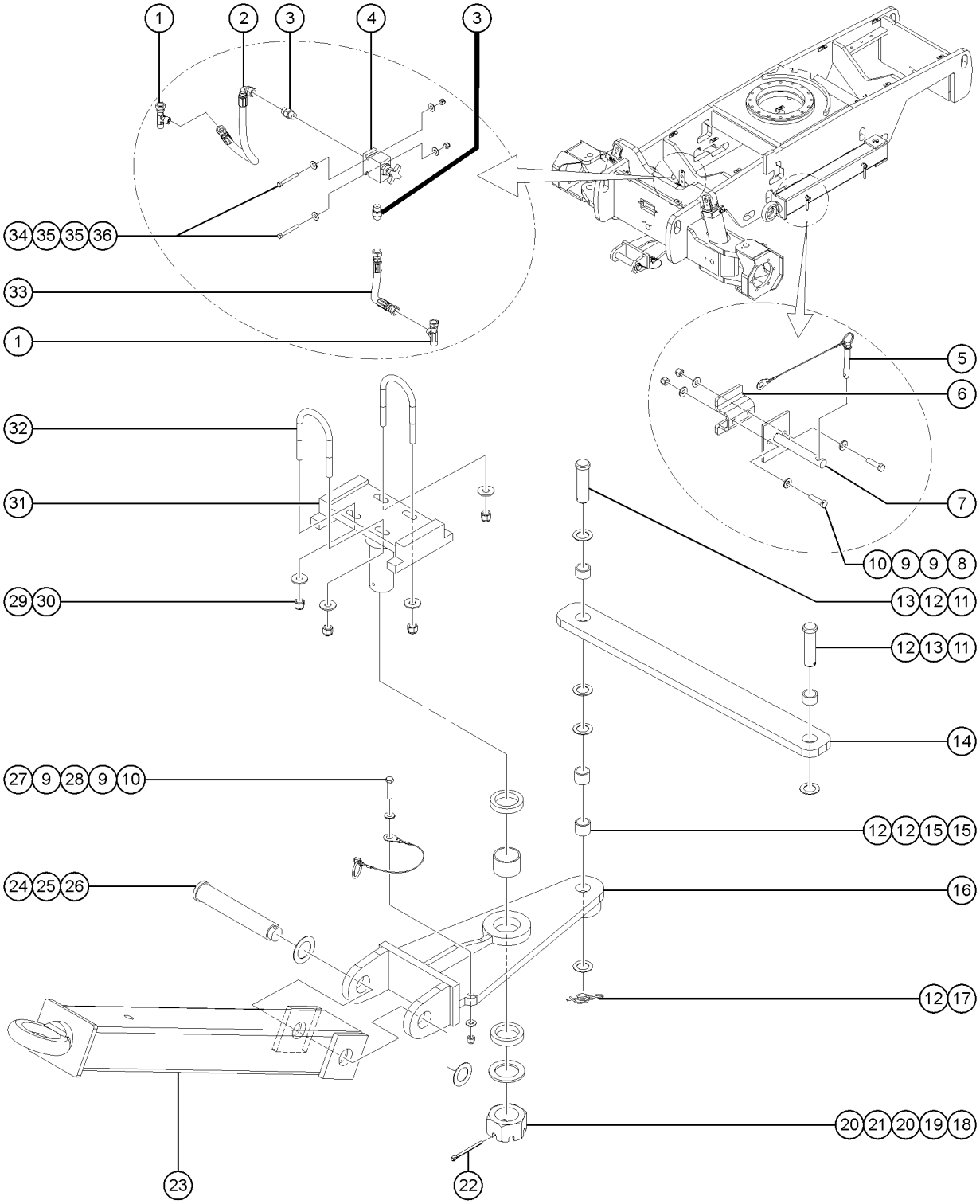
914.1 Tow Package, Wide



914.1 Tow Package, Wide

Item	Part No.	Description	Qty.
-	29104GT	DECAL,TOWING INSTRUCTIONS	1
-	35526GT	DECAL,CAUTION,TOWING SPEED	2
1	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	2
2	49117-1366GT	ASSY, HOSE, HYD, -4, 3250, STR, 90	1
3	48912GT	CONN,520120-4-6***	2
4	25282GT	VALVE,NEEDLE,BRAKE RELEASE	1
5	54145-1200GT	RETAINING PIN,ASSY	2
6	60139PGT	FORMING,LP BRACKET MOUNT,PAINT	2
7		Ref., TOW STORAGE BRACKET	
8	8516GT	SCREW, HCC, 3/8-16 X 1.50	4
9	5397GT	WASHER, FLAT, USS, 5/16-18	10
10	4828GT	NUT, NYLOCK, 3/8-16	5
11	70634GT	PIN,CLEVIS,1 X 3.5 LG***	2
12	30748GT	WASHER,SHIM,1.01 X 1.63 X.062	5
13	51474GT	BEARING,1.00IDX1.25ODX0.75L	2
14	54756PGT	PLATE,DRAG LINK,WIDE AXLE,PNT	1
15	25817GT	BEARING,1.00IDX1.25ODX1.00L	2
16	70638GT	MACHINING,TOW HITCH***	1
17	74389GT	RUE RING 1.00	1
18	54789GT	NUT,SLOTTED,2-4-1/2 UNC	1
19	36937GT	WASHER,THRUST,2.0 X 3.0 X .188	1
20	54757GT	BEARING,UHMW,2.75"DIAX.50"LG	2
21	18720GT	BEARING,2.0IDX2.25ODX1.50L	1
22	77087GT	PIN,COTTER,.25 X 3.0	1
23	54786GT	WELDMENT,HITCH TONGUE,Z45	1
24	106339GT	PIN,TOW HITCH,1.5DIAX8.25"GRIP	1
25	18595GT	WASHER,FLAT,1.78 X 2.50 X .057	1
26	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	1

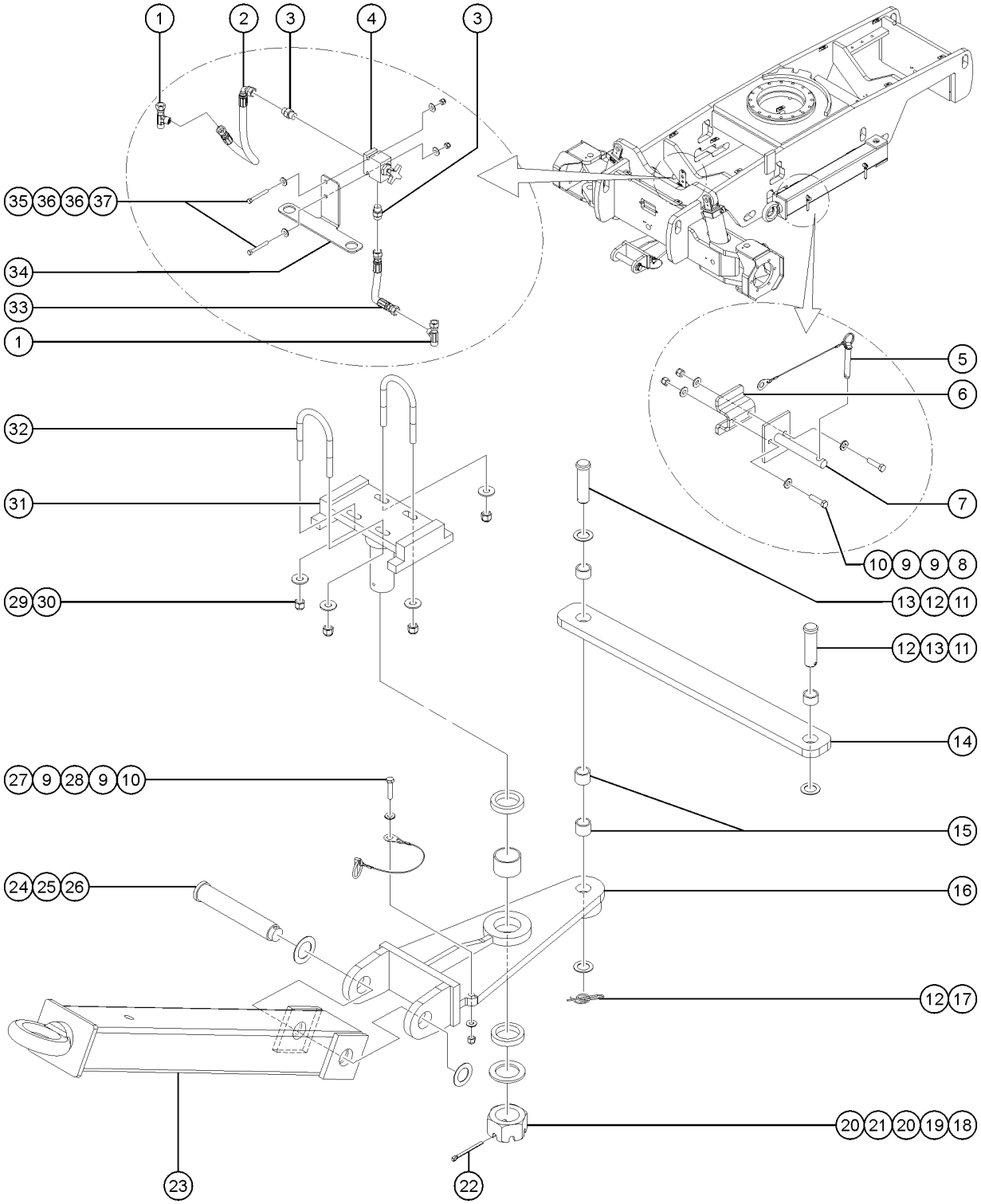
914.1 Tow Package, Wide



914.1 Tow Package, Wide

Item	Part No.	Description	Qty.
27	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
28	54432GT	LANYARD,LYNCH PIN ASSY	1
29	6198GT	NUT, NYLOCK, 1/2-13	4
30	6095GT	WASHER,FLAT,USS,1/2",Y	4
31	70632GT	WELDMENT,STEER AXLE TOW CRADLE	1
32	70633GT	U-BOLT,1/2-13 X 3 X 5.25***	2
33	49116-1233GT	ASSY, HOSE, HYD, -4, 3250, STR, 45	1
34	4266GT	SCREW,HHC,1/4-20 X 2	2
35	6638GT	WASHER, FLAT, USS, 1/4"Y	4
36	6091GT	NUT,NYLOCK,1/4-20	2

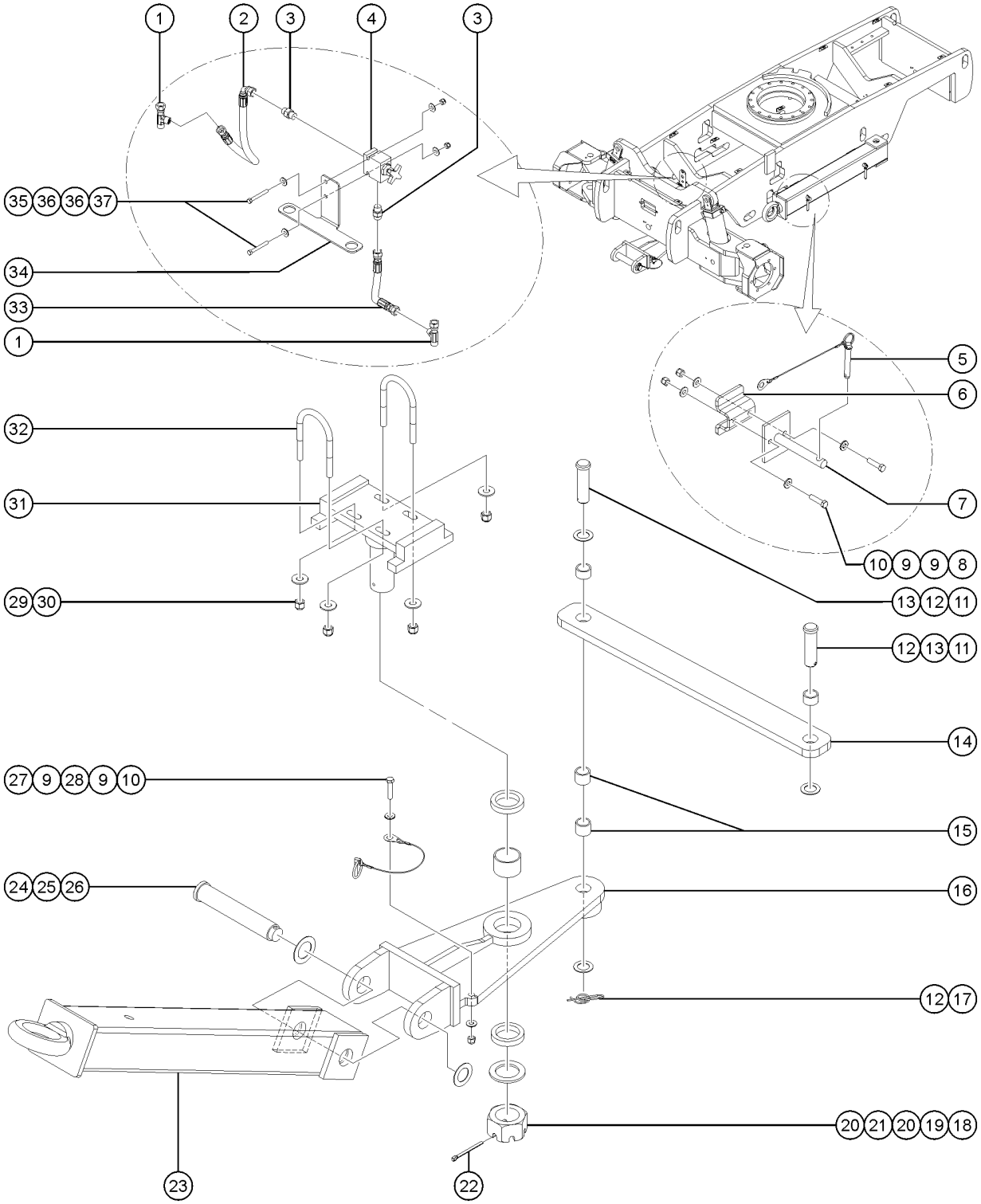
915.1 Tow Package, Narrow



915.1 Tow Package, Narrow

Item	Part No.	Description	Qty.
-	29104GT	DECAL,TOWING INSTRUCTIONS	1
-	35526GT	DECAL,CAUTION,TOWING SPEED	2
1	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	2
2	49117-1366GT	ASSY, HOSE, HYD, -4, 3250, STR, 90	1
3	48912GT	CONN,520120-4-6***	2
4	25282GT	VALVE,NEEDLE,BRAKE RELEASE	1
5	54145-1200GT	RETAINING PIN,ASSY	2
6	60139PGT	FORMING,LP BRACKET MOUNT,PAINT	2
7		Ref., TOW STORAGE BRACKET	
8	8516GT	SCREW, HCC, 3/8-16 X 1.50	4
9	5397GT	WASHER, FLAT, USS, 5/16-18	10
10	4828GT	NUT, NYLOCK, 3/8-16	5
11	70634GT	PIN,CLEVIS,1 X 3.5 LG***	2
12	30748GT	WASHER,SHIM,1.01 X 1.63 X.062	3
13	51474GT	BEARING,1.00IDX1.25ODX0.75L	2
14	70635PGT	BRACKET,TOW PKG VALVE MOUNT***	1
15	25817GT	BEARING,1.00IDX1.25ODX1.00L	2
16	70638GT	MACHINING,TOW HITCH***	1
17	74389GT	RUE RING 1.00	1
18	54789GT	NUT,SLOTTED,2-4-1/2 UNC	1
19	36937GT	WASHER,THRUST,2.0 X 3.0 X .188	1
20	54757GT	BEARING,UHMW,2.75"DIAX.50"LG	2
21	18720GT	BEARING,2.0IDX2.25ODX1.50L	1
22	77087GT	PIN,COTTER,.25 X 3.0	1
23	54786GT	WELDMENT,HITCH TONGUE,Z45	1
24	106339GT	PIN,TOW HITCH,1.5DIAX8.25"GRIP	1
25	18595GT	WASHER,FLAT,1.78 X 2.50 X .057	1
26	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	1

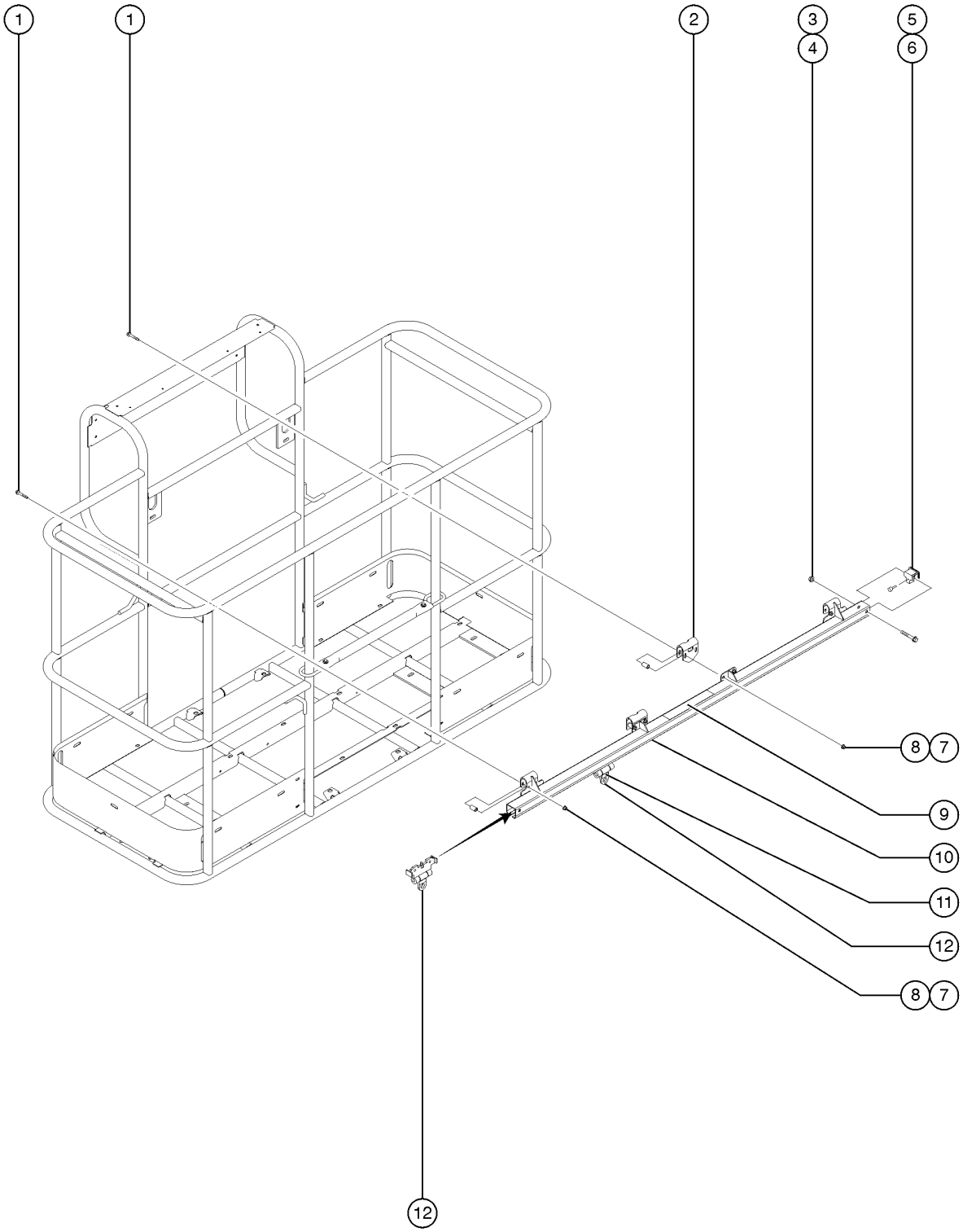
915.1 Tow Package, Narrow



915.1 Tow Package, Narrow

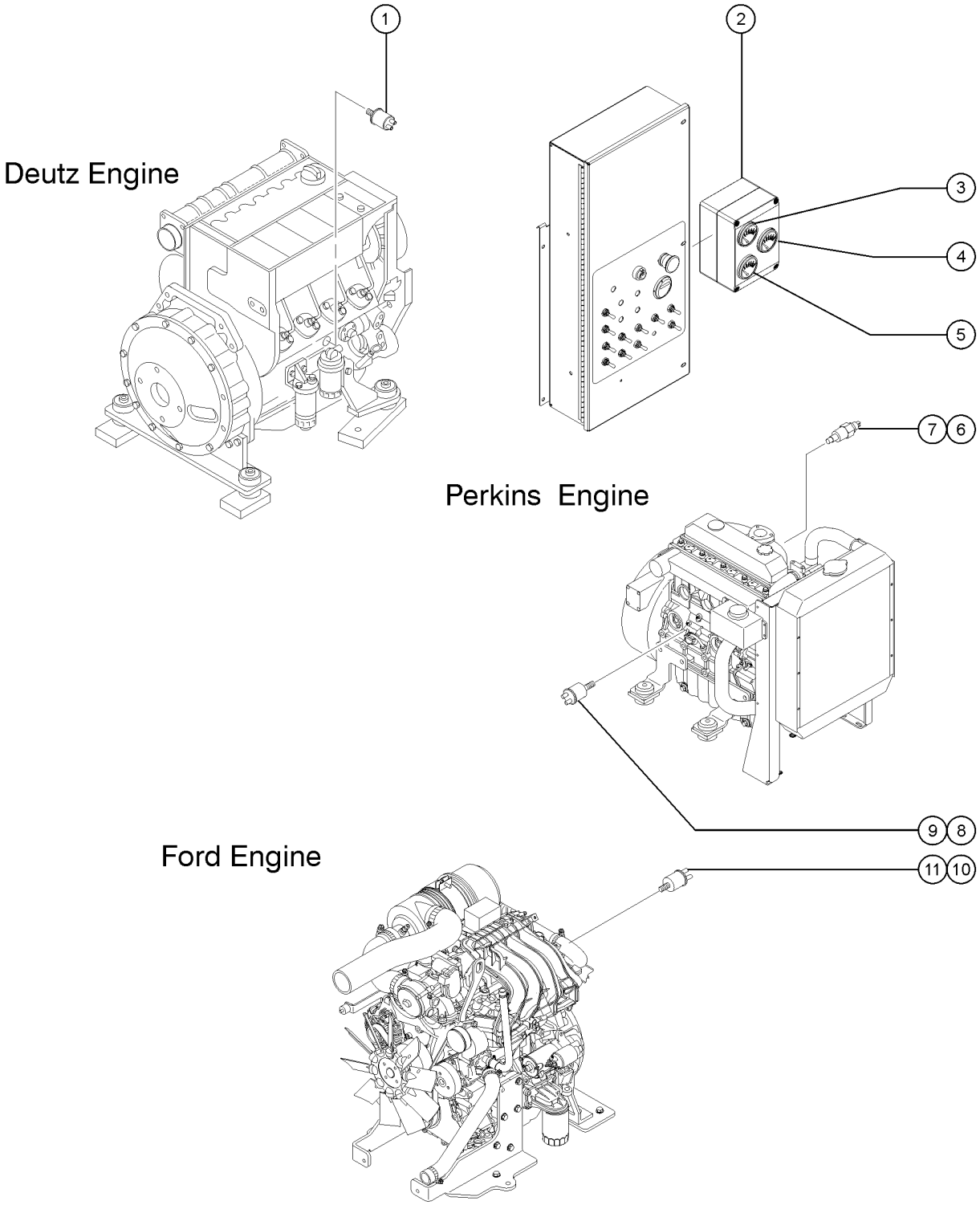
Item	Part No.	Description	Qty.
27	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
28	54432GT	LANYARD,LYNCH PIN ASSY	1
29	6198GT	NUT, NYLOCK, 1/2-13	4
30	6095GT	WASHER,FLAT,USS,1/2",Y	4
31	70632GT	WELDMENT,STEER AXLE TOW CRADLE	1
32	70633GT	U-BOLT,1/2-13 X 3 X 5.25***	2
33	49116-1233GT	ASSY, HOSE, HYD, -4, 3250, STR, 45	1
34	54793PGT	PLATE,DRAG LINK,NRRW AXLE,PNT	1
35	4266GT	SCREW,HHC,1/4-20 X 2	2
36	6638GT	WASHER, FLAT, USS, 1/4"Y	4
37	6091GT	NUT,NYLOCK,1/4-20	2

916.1 Fall Arrest Bar



916.1 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
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Perkins Engine
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Ford Engine
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11

917.1 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

Part no.	Page Number
1487GT	299, 301
1488GT	299, 301
1697GT	179, 183
4266GT	55, 57, 99, 103, 113, 293...
4828GT	39, 43, 53, 63, 67, 69...
5224GT	41, 215
5365GT	57, 135, 313, 317
5397GT	39, 43, 51, 55, 57, 63...
6019GT	69, 73, 99, 103, 127, 141...
6021GT	31, 39, 43, 51, 55, 57...
6033GT	33, 51, 115, 137, 161, 173...
6036GT	107, 111, 115
6090GT	65, 69, 73, 77, 85, 99...
6091GT	65, 69, 73, 93, 97, 101...
6095GT	61, 65, 115, 127, 131, 137...
6096GT	161
6097GT	45, 97, 101, 133, 137, 141...
6145GT	103, 109, 113, 165, 171, 205...
6146GT	57, 61, 97, 101, 105, 109...
6175GT	31, 39, 43, 69, 73, 97...
6178GT	61, 93, 97, 101, 105, 109...
6198GT	61, 67, 127, 133, 137, 143...
6272GT	93
6326GT	173, 201, 203
6356GT	37, 55, 57, 65, 69, 73...
6584GT	57, 135
6637GT	177, 181, 193, 197, 325
6638GT	37, 39, 45, 51, 55, 57...
6708GT	39, 43, 51, 53
6782GT	97, 101, 213
6833GT	107, 111, 115, 177
6884GT	107, 111, 115, 321
6886GT	295
6888GT	37, 39, 45, 51, 65, 69...
6889GT	45, 69, 73, 107, 111, 115...
6935GT	69, 73, 225, 233, 241
7056GT	71, 73, 225, 233, 241, 325
7339GT	293
7713GT	173, 177, 181, 201, 203. 205
7746PGT	293
8177GT	67, 137, 173, 175, 181, 185...
8255GT	61, 65, 99, 103, 187, 191...
8357GT	127, 131, 143, 145
8425GT	325
8516GT	67, 69, 73, 133, 137, 167...
8914GT	93, 177, 183, 225, 233, 293...
8915GT	97, 101, 121, 139, 145, 171...
9599-SGT	293
10587GT	177
10597GT	51, 65, 115, 161, 185, 189
10598GT	137, 165
10775GT	225, 233
10777GT	227, 235
11210GT	327
11903GT	89
12343GT	93
12344GT	239, 243
12906GT	97, 101, 105, 109, 113
13000GT	125, 133, 155, 159, 213
13002GT	155, 163, 295
13014GT	143, 145
13037-SGT	305
13064GT	29, 45, 61, 107, 111, 115
13066GT	161, 269
13268GT	65
13585GT	225, 233
13918GT	97, 101, 197, 309, 327, 343...
14033GT	31, 55, 57, 69, 73, 159...
14297GT	201, 203
15086GT	125, 167, 311, 315
15243GT	81, 89
16073GT	303
16584GT	131
17712GT	63, 107, 111, 115
18503GT	125, 131, 147, 155, 159. 167...
18504GT	171, 201, 203
18595GT	341, 345
18596GT	29, 39, 43, 51
18605GT	333, 335
18666GT	115
18720GT	173, 175, 185, 189, 341. 345
18963GT	291
19018-1100GT	295
19274GT	117, 119, 237, 241
19358GT	169
19363GT	165
19418GT	29
19440GT	39, 43
19506GT	77, 85
19970GT	321
20193GT	29
20224GT	249, 251, 261
20262GT	219
20912GT	49, 327
21019GT	123, 143, 145, 167
21130GT	55, 57, 137
21141GT	67
21143GT	29
21144GT	29
21146GT	29
21148GT	29
21149GT	29
21166GT	35
21175GT	61
21465GT	105, 107, 109, 111
21496GT	55, 57
21604GT	311, 315
21618GT	207
21619GT	207
22558GT	131, 137
22578GT	135
22672GT	125, 129
22692GT	159
22699GT	149, 161, 165, 327
22700GT	137, 161, 165, 327
22736GT	149
22788GT	31, 63, 269, 307
23057GT	141, 337
23404GT	93
24038GT	125, 145, 167
24040GT	127, 133, 137, 143, 147. 165
24514GT	219
25068GT	61
25282GT	341, 345
25368GT	165
25388GT	71, 75

Part no.	Page Number
25548GT	161
25683GT	39, 205, 209, 211
25685GT	311, 315
25817GT	31, 41, 43, 99, 103, 171...
25926GT	127, 135, 155, 167
25927GT	165, 327
25994GT	11, 17
27089GT	107, 111, 115
27126GT	171
27155GT	305
27204GT	11, 17, 21, 25
27205GT	11, 17, 21, 25
27206GT	11, 17, 21, 25
27207GT	11, 17, 21, 25
27246GT	77, 79, 81, 83, 85, 87...
27287GT	237, 241
27377GT	97, 101
27497GT	209
27506GT	171
27564GT	11, 17
27807GT	253
27836GT	249, 255
27887GT	303
28117GT	45
28158GT	11, 17, 21, 25
28159GT	11, 17, 21, 25
28160GT	11, 17, 21, 25
28161GT	11, 17
28164GT	11, 17
28165GT	11, 17
28171GT	11, 17, 21, 25
28174GT	11, 17, 21, 25
28175GT	11, 17
28176GT	11, 17
28177GT	11, 17
28181GT	11, 17
28235GT	11, 17, 21, 25
28236GT	11, 17
28322GT	293
28323GT	293
28328GT	293
28329GT	293
28607GT	351
28656GT	123
28675GT	321
28678GT	281
28807GT	293
28853GT	305
29080GT	197
29104GT	341, 345
29559GT	131
29560GT	135
29606GT	127
29616GT	127
29749GT	147
29868GT	69, 73, 321
29883GT	107, 111, 115
30080GT	11, 17
30138GT	99, 103, 195, 197, 199
30222GT	205, 211, 213
30255GT	193, 199, 209, 341, 345
30370GT	185, 189
30438GT	131
30468GT	295
30502-SGT	305
30748GT	341, 345
30785-500GT	57
30785-600GT	55
30810GT	351
30973GT	99, 103
30997GT	93
31060GT	11, 17
31406GT	249, 253
31408GT	305
31523GT	135
32309GT	155
32675GT	29
32681GT	55, 57
32695GT	131
32698GT	135
32726GT	305
32728GT	13, 17, 21, 25, 307, 325
32732GT	307, 309, 319
32735GT	309, 319
32975GT	261
33024GT	137
33239GT	135
33277GT	141, 149, 161, 165
33278GT	205, 213
33361GT	123, 337
33432GT	29
33521GT	255
33555GT	97, 101
33674GT	299
33724GT	227, 235
33952GT	13, 17
33960GT	125
33970GT	121
33972GT	121
33988GT	269
34052GT	93
34053GT	93
34054GT	93
34055GT	93
34058GT	351
34125GT	193, 197
34162-800GT	141
34276GT	185, 189
34619GT	99, 103, 133, 293, 311, 315
34959GT	337
35067GT	337
35434GT	337
35461GT	333, 335, 339
35526GT	341, 345
35586GT	135
35609GT	305
35610GT	305
35675GT	211
35956GT	295
36198GT	39
36294GT	207, 213
36388GT	349
36872GT	123, 171
36928GT	309, 319
36937GT	341, 345
37003GT	127, 137, 161

Part no.	Page Number
37097GT	29
37505GT	143, 145
38620GT	193, 197
38922GT	123, 159
39346GT	259
40434GT	13, 17, 21, 25, 349
42104GT	299, 301
42439GT	171
42662GT	167
42941GT	179, 183
43018GT	209, 261, 265, 267
43181GT	117, 119
43392GT	221, 299, 301
43595GT	13, 19
43683GT	269
43956GT	69, 73, 117, 119, 307, 321
43960GT	177, 181, 219
44064GT	163
44168GT	259
44174GT	267
44178GT	261
44216GT	261, 263
44224GT	261
44225GT	261, 263
44227GT	259, 261, 263
44228GT	259, 261, 263
44229GT	259, 263
44235GT	261, 263
44950GT	321
44981GT	13, 19, 21, 25
44986GT	13, 19
45043GT	35
45071GT	29, 41, 43, 51, 173, 175
45074GT	29, 37, 43
45107GT	37
45108GT	37
45110GT	37
45111GT	37
45112GT	37
45113GT	37
45114GT	37
45363GT	97, 101, 107, 111, 115
45383GT	225, 233
45384GT	77, 79, 81, 85, 87, 89...
45385GT	237, 241
45400GT	327
45435GT	159, 337
45454GT	139
45462GT	81, 89, 291
45873GT	37
46131GT	161
47092GT	261
48425GT	167
48767GT	79, 87, 281, 285, 287
48875GT	323
48880GT	271, 273, 277, 283
48885GT	283
48890GT	285, 287
48891GT	271, 273, 279
48904GT	61, 63, 271, 273, 275, 283...
48905GT	271, 273, 275, 279, 283. 285...
48906GT	271, 273, 275
48907GT	271, 273, 285, 289
48908GT	271, 273, 275, 341, 345
48911GT	271, 275, 279
48912GT	273, 279, 281, 285, 287. 341...
48914GT	279, 283
48915GT	323
48916GT	281
48917GT	285, 287
48923GT	285, 287
48930GT	275, 281
48932GT	271, 273, 281, 323
48933GT	271, 273, 275, 279, 283. 323
48935GT	275, 323
48936GT	271, 273, 275
48939GT	275
48946GT	275, 281, 323
48947GT	271, 273, 275
48948GT	275, 281
48949GT	281
48959GT	283
48960GT	271, 273, 277
48977GT	281
48978GT	281
48983GT	281
48984GT	283
48985GT	281
48996GT	283
48997GT	261, 283
48999GT	281
49000GT	67
49116-1233GT	343, 347
49117-1366GT	341, 345
49117-2091GT	279
49117-3191GT	279
49117-3291GT	273
49117-3791GT	279
49117-5091GT	271, 275
49117-5291GT	273
49117-6091GT	271
49117-6141GT	275
49117-11091GT	273
49117-14391GT	271, 275, 285, 287
49119-2078GT	273
49119-2278GT	285, 287
49119-2374GT	287
49119-3203GT	271, 275
49119-3778GT	273
49119-4178GT	287
49119-5078GT	283
49119-5203GT	275
49119-5378GT	271
49119-5778GT	275
49119-5878GT	281
49119-16178GT	285, 287
49119-20578GT	287
49119-21878GT	287
49119-26078GT	285
49119-27478GT	285
49119-36178GT	285, 287
49119-37678GT	285, 287
49119-38578GT	285, 287
49119-39378GT	285, 287
49120-35381GT	285, 287
49121-2088GT	287

Part no.	Page Number
49121-25688GT	285
49121-27788GT	287
49133-5140GT	275
49141-2350GT	281
49141-5863GT	281
49143-1504GT	323
49150-3630GT	281
49163-1844GT	323
49183-6492GT	323
49183-10692GT	283
49207GT	249, 251, 271, 273, 277, 283
49212GT	303
49214GT	303
49215GT	303
49364GT	149
49375GT	337
49376GT	127
49386GT	165
49407GT	135, 337
49408GT	155, 165, 339
49411GT	131, 137, 143, 145
49612GT	249, 251
49613GT	249, 251
49768GT	55, 57
49772GT	179, 183
49775GT	177, 181
49816GT	113, 139
49817GT	125
49819GT	93
49820GT	79, 87, 239, 243
49826GT	325
49859GT	271, 273
49863GT	211
49898GT	125
49915GT	131
49924GT	135
50304GT	199
50315GT	193
50328-SGT	39
50395GT	37
50396GT	37
50416PGT	65
50451GT	203
50452GT	201
50455GT	173, 175
50466-SGT	211
50469GT	61
50479-SGT	177, 181
50480GT	185, 189, 209
50517-SGT	177, 181
50519GT	63
50542GT	185, 189
50543GT	205, 209
50546GT	193, 199, 209
50548PGT	177, 183
50552GT	193, 199
50560GT	41
50570GT	69, 73
50576GT	61
50581PGT	99, 103, 133
50584GT	193, 197
50669GT	51
50696PGT	121, 131
50698GT	193, 197
50742GT	39
50761GT	131
50776PGT	61
50787-SGT	135
50901GT	39
50941GT	337
50947GT	39
50952-SGT	181
50965PGT	105, 109, 113
50971GT	105, 109, 113
50974GT	97, 101
51063GT	61
51474GT	341, 345
52001GT	307, 319
52085GT	309
52086-RGT	309, 319
52087GT	31
52179GT	107, 111
52352GT	135, 139
52371GT	259, 263, 267
52570GT	121
52607GT	13, 19
52652GT	121
52656GT	121
52672GT	13, 19
52704-SGT	31
52705-SGT	31
52707-SGT	51
52720GT	251
52723GT	251
52724GT	253
52726GT	249, 251, 255
52731GT	39
52733-SGT	43
52734-SGT	43
52735GT	43
52774-SGT	105, 109, 113
52866GT	133, 147
52897GT	267
52906GT	261
52907GT	261, 263
52943GT	249, 253
52968GT	13, 19, 21, 25
53157-SGT	293
53605GT	67
53758-SGT	351
53759-SGT	351
53761-SGT	351
53808-SGT	293
53952GT	123, 133, 147, 159
54063GT	193, 197, 261
54065GT	205, 211
54073GT	107, 111, 115
54127GT	55
54131GT	197
54132GT	287
54139GT	35
54140GT	35
54145-800GT	61
54145-1200GT	341, 345
54156GT	173, 175
54157GT	197

Part no.	Page Number
54204GT	65
54205GT	65
54207GT	307
54207PGT	63, 133
54230PGT	105, 109, 113
54233GT	105, 109, 113
54234GT	35
54239GT	193, 197
54244-SGT	171
54247PGT	219
54255GT	79, 89, 239, 243
54259GT	237, 241
54324GT	65
54325GT	65
54333GT	67
54363GT	97, 101
54365GT	155, 237, 241
54432GT	171, 343, 347
54437GT	65
54457GT	301
54458GT	299
54460GT	201
54461GT	203
54486GT	105, 109, 113, 295
54510-SGT	213
54520-SGT	205, 221
54525GT	93
54530GT	195, 199
54531PGT	125
54534GT	93
54542GT	39, 43, 51
54543GT	141
54557GT	43, 51
54563GT	131
54567GT	39
54569GT	197
54570GT	193
54572GT	249, 251
54578GT	143
54579GT	145
54608PGT	97, 99, 103
54616GT	97, 101
54627GT	35, 37
54635GT	331
54637GT	329
54638GT	331
54639GT	329, 331
54640GT	329, 331
54652GT	329, 331
54687GT	141, 145
54692GT	305, 307
54698GT	321
54723GT	97, 101
54726GT	173
54756PGT	341
54757GT	341, 345
54786GT	341, 345
54789GT	341, 345
54793PGT	347
54815GT	251
54830GT	201, 203
54840GT	35
54841-0463GT	333, 335
54841-0888GT	335
54841-0950GT	333
54862GT	129
54876PGT	335
54877GT	333, 335
54878GT	335
54880GT	333
54881GT	333
54882GT	333
54883GT	331
54884GT	329
54959GT	35
54960GT	35
54961GT	35
54962GT	35
54981GT	201
54983GT	203
54984PGT	203
54985PGT	201
54989GT	329, 331
54994GT	209
55014GT	161
55067GT	213
55747GT	305
55753GT	105, 109, 113, 185, 189, 293...
56029GT	237, 241
56030GT	237, 241
56057GT	93
56093GT	325
56286GT	333, 335
56424GT	221, 297, 299
56445GT	135
56457-SGT	307
56525GT	295
56561GT	237, 241
56562GT	237, 241
56570GT	293
56680GT	63
56704GT	291
56848GT	81, 89, 225, 233
56849GT	179, 183
56912GT	37, 39, 51, 65, 165, 211...
56925GT	205, 213
57075GT	225, 233
57201GT	269
58222GT	99, 103
58223GT	99, 103
58247GT	123, 159
58256GT	135
58320GT	45
58354GT	141
58390GT	153
58402GT	307, 309, 319
58415GT	133, 147
58431GT	269
58438GT	29
58490GT	65
58531GT	31
58589GT	29
58632GT	157
58919GT	201, 203
58920GT	201, 203
58927GT	201, 203

Part no.	Page Number
58944GT	307, 309, 319
58954GT	307, 309, 319
58967GT	105, 109
60036GT	123
60037GT	107, 111, 115
60047-SGT	291
60139GT	67
60139PGT	341, 345
60143-SGT	67
60160PGT	219
60334GT	99, 103
60435GT	81, 89
60443GT	237, 243
60526GT	81, 89, 239, 243
60527GT	81, 89, 327
60528GT	81, 89, 325
60585GT	143
60707GT	325
60738GT	325
60739GT	325
60757GT	79, 87, 327
60790GT	327
60857GT	99, 103, 121, 131
60868GT	149
60875GT	337
60887GT	325
61110GT	139
61143-3963GT	275
61195GT	325
61225GT	139, 327
61306-SGT	209
61726GT	311, 315
61801GT	81, 89
61972GT	311, 315
61974GT	311, 315
61975GT	311, 315
61987GT	311, 315
61998GT	315
62263GT	249, 253
62273GT	249, 253
62337GT	259
62341GT	261, 263
62346GT	259
62385GT	229, 235
62392GT	245, 247
62420GT	133, 147
62421GT	147
62433GT	145
62506GT	265, 267
62507GT	265, 267
62815GT	259, 263
62926GT	19, 25
62927GT	13, 21
62947GT	13, 19, 21, 25
62948GT	13, 19, 21, 25
63311GT	301
63463GT	133, 147
64079GT	127
65301GT	13, 19
65449GT	255
65456GT	121
65473GT	145, 167
65636GT	149
65638GT	149
65770GT	121
65788GT	193
65789GT	209
65790GT	197
65791GT	39
65810GT	133, 147
65841GT	309, 319
65887GT	105, 109
65892GT	105, 109, 113
66031GT	113, 115
66812GT	77, 85, 223, 231
66813GT	225, 233
66815GT	225, 233
66816GT	225, 233
66818GT	77, 85, 223, 231
67631GT	137
69776GT	325
70367GT	141
70375GT	135
70381GT	137
70385GT	131
70389GT	327
70452GT	131, 137, 143, 165
70453GT	131
70460PGT	135
70461PGT	131
70488GT	121, 337
70525GT	127
70527GT	127
70529GT	337
70534GT	185, 189
70574PGT	69, 73
70575PGT	69, 73
70602GT	65
70603GT	69, 73
70606GT	99, 103
70608GT	171
70609GT	171
70616GT	39
70632GT	343, 347
70633GT	343, 347
70634GT	341, 345
70635PGT	345
70638GT	341, 345
70639-2878GT	281
70642PGT	303
70644-75792GT	303
70645GT	171
70646GT	171
70648PGT	325
70649GT	337
70671GT	185, 189
70675PGT	69, 73
70685PGT	179, 183
71038GT	351
71909GT	105, 109, 113
72043GT	249, 253
72255GT	135
72282GT	291
72284GT	167
72326GT	81, 89, 225, 233, 291
72327GT	125

Part no.	Page Number
72337GT	147
72342GT	141
72343GT	125, 143, 163
72348GT	141
72442GT	13, 19, 21, 25
73233GT	219, 239, 243
73477PGT	219
73575GT	219
73599GT	67
73610PGT	221
73612GT	339
73634GT	311, 315
73711GT	239, 243
73712GT	327
73713GT	239, 243
73714GT	79, 87
73717GT	81, 89, 239, 243
73723GT	237, 241
73736GT	79, 87, 239, 243
73739GT	219
73749GT	79, 87
73751GT	81, 89
73753GT	79, 87
73754GT	81, 89
73803GT	239, 243
73805GT	77, 85
73807GT	265, 267
73900GT	217
74006GT	225, 233
74099GT	29
74389GT	39, 43, 341, 345
74712GT	61
74911GT	93
74913GT	93
74917GT	93
74920GT	93
74921GT	93
74922GT	93
74923GT	93
74924GT	93
74990GT	253
75020GT	145
75041GT	97, 101, 105, 109, 291, 325
75073GT	97, 101, 105, 109, 113
75076GT	99, 103, 105, 109, 113
75143GT	245
75159GT	165
75278-1829GT	281
75278-2054GT	323
75278-2229GT	281
75278-4579GT	323
75278-5129GT	323
75278-8229GT	283
75443GT	245, 247
75444GT	245, 247
75445GT	245, 247
75446GT	245, 247
75447GT	245, 247
75448GT	245, 247
75449GT	245, 247
75574GT	279
75631GT	155
77014GT	185, 189
77051GT	205, 213
77066GT	65
77069GT	65
77071GT	65
77072GT	65
77087GT	341, 345
77103GT	285, 287
77106GT	195, 199
77114GT	121
77162GT	249
77163GT	249
77170GT	125
77181GT	213, 215
77189GT	185, 189
77219GT	105, 109
77245PGT	137
77246GT	61
77247GT	307, 321
77275GT	333, 335
77295GT	123, 159
77303GT	173, 175
77309GT	275
77311-5906GT	275
77312-3577GT	275
77328PGT	105, 109
77351GT	237, 241
77353GT	67
77354GT	67
77356GT	105, 109
77362GT	185, 189
77363GT	205, 211
77364GT	185, 189, 205, 211
77365GT	67
77375GT	195, 199
77376GT	195, 199
77402GT	137, 145
77409GT	39
77410GT	193, 197
77430GT	93
77476GT	143
77478GT	143
77482GT	145
77521GT	173, 175
77524GT	105, 109, 113
77788GT	269
79456GT	215
80391GT	147, 337
80543GT	225, 233
80825-200GT	127
81013GT	269
81069GT	327
81096GT	225, 233
81175GT	211
81368GT	293
81458GT	227, 235
81487PGT	237, 241
81488GT	223, 231, 237, 241
81550GT	237, 241
81551GT	237, 241
81570GT	225, 233
81578GT	69, 73, 107, 111, 115
81640GT	215
81669GT	269

Part no.	Page Number
81691GT	57
81812-3592GT	273
81812-3892GT	275
81812-3992GT	271
81812-7628GT	275
82238GT	13, 19, 21, 25
82240GT	21, 25
82366GT	13, 19
82431GT	269
82472GT	21, 25
82473GT	21, 25
82487GT	21, 25
82544GT	23, 25
82545GT	23, 25
82548GT	23, 27
82587GT	23, 27
82602GT	23, 27
82604GT	23, 27
82633GT	23, 27
82644GT	13, 19
82646GT	23, 27
82918GT	13, 19
83098GT	245, 247
83131GT	77, 85
84080GT	309
84134GT	249, 251
84135GT	249, 251, 255
85053GT	149
85059GT	149
85155GT	141
85239GT	77, 85
88151GT	305
88203GT	173, 175
88269GT	99, 103
88296GT	45
88337GT	39, 43
88338GT	39, 43
88356-11105GT	61
88356-11163GT	177, 181
88356-11205GT	179, 183, 193, 197
88370PGT	177, 181
88450GT	125, 159
88451GT	125, 153
88452GT	125, 153
88516GT	213
88606PGT	293
88635-4024GT	61, 283
88636-9073GT	279
88637GT	77, 85
88676GT	173, 175, 185, 189
88721-72000GT	89, 119, 239
88721-73000GT	81, 117, 243
88722-72000GT	89, 119, 239
88722-73000GT	79, 117, 243
88723-7100GT	89
88723-71000GT	119, 243
88723-72700GT	81, 117, 239
88724GT	117, 119
88725GT	117, 119
88728GT	31, 35, 47
88752GT	31, 37, 43
88757GT	127
88846GT	147
88847GT	147
88917GT	67
88987PGT	143
88988PGT	145
88989PGT	145
88990PGT	149
89310GT	251
89337GT	219
89575GT	93
89718GT	307, 319
89719GT	319
89756GT	179, 183
89759GT	149
89763GT	141
89771GT	147
89772GT	147
89773GT	147
89780GT	135
89792GT	135
89813GT	127, 161
89862GT	267
89863GT	259, 263
89864GT	267
89908GT	325
89953GT	147
94077GT	171
94195GT	193, 197, 213
94324GT	123
94374-10830GT	281
94378PGT	145
94464-4386GT	273
94464-4886GT	273, 275
94464-4986GT	271
94464-5086GT	279
94464-6286GT	271
94464-6586GT	275
94485GT	137
94492PGT	311, 315
94506GT	77, 85, 223, 231
94526GT	67
94529GT	179, 183
94530GT	179, 183
94531PGT	179, 183
94536GT	31, 35, 47
94549GT	237, 241, 315
94614GT	259
94616GT	259
94617GT	261
94618GT	263
94642GT	311
94643GT	283, 311, 315
94656GT	31, 47
94657GT	31, 47
94658GT	35
94659GT	35
94660GT	31, 35, 47
94661GT	35
94662GT	31, 47
94663GT	31, 47
94664GT	35
94665GT	35
94666GT	31, 47
94667GT	31, 47

Part no.	Page Number
94670GT	31, 47
94671GT	31, 47
94679GT	117, 119
94745GT	221
94745PGT	293
94762GT	145
94914PGT	141
94927GT	141
94931GT	125
94936GT	121
96008-SGT	77, 85
97128GT	61, 177, 179, 181, 183, 193...
97461GT	149
97548GT	13, 19
97571GT	13, 19
97602GT	13, 19
97815GT	23, 27
97887GT	13, 19
97890GT	13, 19
98154GT	311
99174GT	311
101005GT	247
101005HGT	247
101006GT	133
101010GT	95
101041PGT	143
101055GT	263
101063GT	121
101064PGT	121
101080GT	117, 119, 241
101114GT	263
101118PGT	121
101119PGT	125
101121PGT	123
101122PGT	125
101123PGT	125
101124GT	123
101126PGT	121
101127PGT	121
101128PGT	121
101129PGT	137
101130PGT	133
101137PGT	97, 101, 133
101138PGT	137
101140P-SGT	135
101151PGT	123
101174GT	247
101174HGT	247
101175GT	247
101175HGT	247
101191GT	117, 119
101227PGT	351
101232GT	351
101277GT	259
101294GT	269
101295GT	127
101512GT	311, 315
101574GT	105, 109, 113
101577PGT	69
101584GT	45
101587GT	45
101590GT	249
101592GT	139
101593PGT	123
101726GT	67
101727GT	67
101729GT	127, 131, 137, 143, 147, 165
101730GT	127, 131, 137, 143, 147, 165
101773PGT	143
101815GT	61
101844GT	77, 85
101849GT	79, 87, 117, 119
101852GT	299
101853GT	301
101886GT	79, 87, 117, 119
101887GT	79, 87, 117, 119
101939GT	325
101958GT	263
101998GT	125
101999PGT	127
102119GT	127, 165
102121GT	161
102588GT	135
102681GT	325
102785PGT	293, 295
102992GT	219
104759GT	267
104804GT	221
106030GT	325
106033GT	351
106065GT	67
106069GT	97, 101
106098GT	45
106117GT	45
106119GT	45
106120GT	45
106121GT	45
106122GT	45
106123GT	45
106124GT	45
106125GT	45
106151GT	45
106163GT	213
106178GT	121
106197PGT	127
106271PGT	121
106339GT	341, 345
106427GT	61, 177, 181
106485GT	121
106486GT	121
106526GT	205
106531GT	327
106535GT	327
106540PGT	209
106565GT	325
106566GT	325
106581GT	201, 203
106585GT	201, 203
106663GT	147
106676GT	97, 101
106740GT	327
106804PGT	201, 203
106807PGT	97
106835GT	269
106836GT	269
106837GT	269

Part no.	Page Number
106972GT	177, 181
107574PGT	59
107588GT	173, 175
107590GT	173, 175
107595GT	205
107651GT	63
107727GT	173, 175
107803GT	99, 103
107805PGT	107, 111, 115
107807GT	171
107813GT	269
107814GT	269
107815GT	269
107816GT	259
107842GT	269
107858GT	295
107859GT	173, 175
107871GT	99
107872GT	99
107881GT	177, 181
107889GT	65
107901GT	201, 203, 211
107914GT	51
107993GT	61, 81, 89, 117, 119
110139GT	51
110140GT	39
110150GT	45
110160GT	61, 117, 119
110180GT	263
110194GT	249, 253, 255
110200GT	253
110269GT	117, 119
110273GT	259
110298GT	337
110301GT	339
110304GT	123, 145
110305GT	177, 181
110306GT	177, 181
110307GT	177, 181
110308GT	177, 181
110309GT	185, 189
110310GT	177, 181
110314GT	11, 17
110315GT	21, 25
110345GT	67
110361GT	51
110382GT	171
110384GT	195
110385GT	199
110388GT	223, 231
110393-SGT	307
110394-SGT	307
110399GT	141
110405GT	161
110406GT	167
110407GT	163
110413GT	167
110414GT	167
110416GT	167
110417PGT	167
110419GT	167
110421GT	159
110422GT	159
110423GT	167
110424GT	161
110480GT	161
110483PGT	101
110631GT	337
110632GT	337
110671GT	213
110712GT	31, 35, 47
110713GT	31, 35, 47
110718GT	31, 35, 47
110719GT	31, 35, 47
110737GT	51
110746GT	337
110758GT	159
110768GT	157
110777GT	159
110789GT	313, 315
110864GT	101
110865GT	167
110890PGT	165
110892PGT	165
110919GT	165
110932GT	167
110941PGT	103
111027GT	147
111028GT	141
111029GT	141
111381GT	307, 319
111415GT	245
111416GT	245
111417GT	245
111526GT	295
111614GT	159
111634GT	123, 159
111666GT	161
111668GT	137
111748GT	161
112283GT	165
112285GT	159
112400GT	169
114023GT	13, 23
114024GT	19, 27
114169GT	13, 19
114220GT	13, 19
114246GT	237, 241
115431GT	141
119034GT	79, 87, 117, 119
119051GT	161
119052GT	161
119053GT	159, 167, 169
119055GT	67, 169
119058GT	219
119061GT	81, 89
119062GT	81, 89
119063GT	81
119064GT	81, 89
119073GT	169
119095GT	319
119096GT	319
119097GT	305
119117GT	131
119135GT	151
119138GT	155

Part no.	Page Number
119139GT	153
119142GT	151
119153GT	155
119168GT	113
119169GT	165
119170GT	113
119209GT	51
119210GT	51
119223GT	161
119232GT	165
119236PGT	321
119237PGT	321
119250GT	241
119344GT	137
119394GT	159
119403GT	71, 75, 307, 321
119404GT	71, 75, 307, 321
119417GT	351
119418GT	351
119423PGT	113
119463GT	159
119465GT	153
119466GT	151
119468GT	155
119469GT	155
119471GT	155
119472GT	151
119473GT	155
119474GT	155
119475GT	151, 153
119477GT	167
119478GT	151
119479GT	151
119481GT	153
119483GT	113
119484GT	161
119495GT	151
119496GT	155
119497GT	151
119498GT	151
119500GT	151
119516PGT	321
119533PGT	325
119534GT	237, 241
119536PGT	211, 215
119542GT	211, 215
119544GT	155
119546GT	165
119547GT	151
119548GT	151
119549GT	103
119550GT	103
119551GT	151
119560GT	241
119568GT	153
119588GT	155
119613GT	245, 247
119619GT	37
119628GT	99, 103
119641GT	237, 241
119649GT	199
119673GT	59
119686GT	337
119770GT	337
119776GT	79, 87, 117, 119
119784PGT	69, 73
119798GT	65
119800GT	77, 85
119815PGT	59
119826GT	165
119866GT	149
119867GT	117, 119
119915GT	247
119918GT	67
119961GT	151
119962GT	151
119963GT	153
119964GT	155
119965GT	151
119978GT	51
119979GT	41
119980GT	51
119981GT	43
119985GT	117
119993-3828GT	281
119993-4928GT	281
119994GT	211
120269GT	37, 67
122019GT	291
122125GT	231
122399GT	131
128000GT	247
128001GT	247
128020GT	161
128021GT	127, 161
128022GT	147
128023GT	137
128045GT	95, 237, 241, 311, 315
128061GT	149
128066GT	59
128165GT	151
128166GT	151
128200GT	77, 79, 81, 83, 85, 87...
128201GT	77, 85, 223, 231
128202GT	79, 81, 83, 87, 89, 91...
128204GT	223, 227, 231, 235, 237. 241...
128205GT	77, 83, 85, 91
128313GT	143
128364GT	327
128368GT	299
128374GT	301
128423GT	269
128436GT	339
128437GT	339
128446GT	61
128454PGT	215
128479GT	339
128480GT	339
128482GT	215
128483GT	215
128510GT	215
128513GT	215
128534GT	215
128578GT	77, 79, 81, 83, 85, 87...
128580-SGT	77, 79, 81, 83, 85, 87...
128581-SGT	77, 85, 223, 231

Part no.	Page Number
128582-SGT	79, 81, 83, 87, 91, 225...
128584-SGT	223, 227, 231, 235
128585GT	77, 83, 85, 91
128724GT	215
128831GT	141
128903GT	125
131589GT	167
133095GT	13, 19
133278GT	15, 19
139330GT	47
139391GT	251
139508GT	251, 255
139509GT	251
139510GT	251
139511GT	255
139512GT	251, 255
139513GT	251
139514GT	251
139515GT	251, 255, 257
139516GT	253
139517GT	253
139518GT	253
139519GT	253
139520GT	253
139521GT	253
139522GT	253
139523GT	255
139524GT	255
139525GT	253
139526GT	253
139527GT	255
139556GT	155
139557GT	155
139575GT	337
139595GT	139
139596GT	139
139598GT	245, 247
139610GT	159
139624GT	135
139666GT	135
139709GT	131
139965GT	29, 47
139966GT	29, 47
139967GT	29, 47
139968GT	29, 47
139969GT	47
139970GT	47
139971GT	47
139972GT	47
144161GT	71, 75
146051GT	45
146052GT	45
146062GT	325
147015GT	153, 161
147016GT	153, 161
147033GT	47
147034GT	31, 47
147094GT	79, 87
147115GT	153
147121GT	219
147223GT	67
147243GT	139
147283GT	209
147284GT	185, 189
147348GT	141
147350GT	141
147351GT	141
147352GT	141
147353GT	141
147355GT	141
147369GT	205, 211
147419GT	67, 281
147661GT	237
147836GT	309, 319, 321
147837GT	309, 319, 321
147838GT	309, 319, 321
147839GT	309, 319
150103GT	193, 197, 205, 209
160809GT	217
161541GT	217
161542GT	217
162235GT	11
162236GT	11
162255GT	21
162315GT	17
162319GT	25
162321GT	25
162343GT	11
162344GT	11
162348GT	17
162442GT	21
214796GT	151
214798GT	151
214803GT	151
215298GT	167
215777GT	45
216791GT	93
216793GT	93
217046GT	93
218180GT	237
219437GT	125, 167
220255GT	61, 63
226393GT	291
227309GT	159
227617GT	219
227988GT	123, 159
228468GT	219
228783GT	113
229763GT	29
229798GT	43
229833GT	29
229834GT	31
233365GT	151
233437GT	151
233715GT	209
233716GT	205
233745GT	205, 209
234005GT	151
234006GT	151
235473GT	237, 241
236426GT	147
236460GT	327
237688GT	177, 181
237856GT	157
237857GT	157
237858GT	157

Part no.	Page Number
237859GT	157
823153GT	21
823161GT	21
824027GT	219
824029GT	219
824042GT	45
824050GT	63
824051GT	63
824052GT	63
824078GT	219, 297, 299
824079GT	219, 297, 299
824083GT	293
824090GT	219
824091GT	37
824113GT	297, 299
824164GT	193, 197, 209
824207GT	299, 301
824878GT	223, 231
824879GT	77, 81, 85, 89, 225, 233
825019GT	31, 39, 43, 51, 185, 189...
825020GT	311, 315
825796GT	29, 37, 43
1000000GT	13, 19
1251565GT	37
1251600GT	293
1251997GT	349
1252943GT	145
1254826GT	135
1255452GT	39, 99, 103, 185, 189
1255653GT	135
1256267GT	173, 175, 185, 189
1256378GT	349
1256380GT	349
1256389GT	349
1256400FRGT	349
1256400GT	349
1256439GT	349
1256460GT	219
1256481GT	349
1256670GT	267
1256851GT	349
1256855GT	221
1256856GT	349
1259054GT	123
1260218GT	117, 119
1260892GT	349
1260910GT	349
1261019GT	349
1261021GT	349
1261023GT	349
1261025GT	349
1262484GT	147
1262585GT	141
1262633GT	185, 189
1263056GT	185
1263057GT	189
1264947GT	117, 119, 171
1267746GT	219
1267747GT	221
1267779GT	35
1267781GT	35
1267807GT	121, 131
1268229GT	121, 131
1269501GT	245, 247
1270313GT	297, 299
1270314GT	297
1270316GT	297
1271061GT	297
1272019GT	115
1272303GT	217
1272307GT	221
1274322GT	293, 349
1275088GT	219
1275282GT	297
1275395GT	217
1275396GT	217
1275398GT	217
1275399GT	217
1275400GT	217
1277924GT	293, 297, 299
1277991GT	123, 159
1278792GT	297
1278793GT	297, 299
1279268GT	125
1280665GT	71, 75
1282204GT	297
1282205GT	297
1282206GT	297
1282207GT	297
1282390GT	297, 299
1283880GT	299
1284764GT	295
1285505GT	269
1285506GT	269
1286043GT	269
1286602GT	45
1286603GT	45
1286606GT	29
1286607GT	29
1286622GT	297
1288561GT	135
1289552GT	221
1290135GT	299
1290893GT	299
1290895GT	299
1291428GT	299
1291429GT	299
1291430GT	299
1300536GT	159
1300882GT	153
1316077GT	155
1316635GT	67
9990184GT	47
9990606GT	269
9990607GT	269
9990608GT	269
T107284GT	57
T107827GT	123, 171
T107883GT	209
T107884GT	205, 209
T108075GT	205, 211
T108153GT	117, 119, 223, 231
T109328GT	293
T111107GT	237
T111453GT	57
T111608GT	307, 309, 319

Part no.	Page Number	Part no.	Page Number	Part no.	Page Number
T111609GT	307, 309, 319				
T111610GT	307, 309, 319, 321				
T111611GT	307, 309, 319, 321				
T111612GT	307, 309, 319, 321				
T111613GT	307, 309, 319, 321				
T112560GT	227, 233				
T112561GT	227, 233				
T112563GT	225, 233				
T112626GT	245, 247				
T114678GT	135				

California Proposition 65

WARNING

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

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

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

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

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