Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

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

from SN 21179 to 26999

Part No. 94356GT
Rev: D.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.

Copyright © 1998 by Terex Corporation

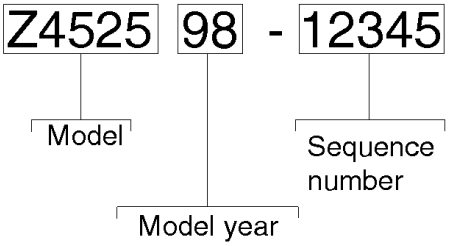
94356GT Rev D.05 June 2024
Third Edition, Fourth Printing

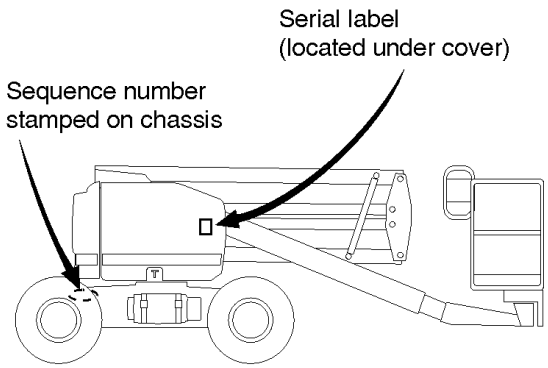
Genie is a registered trademark of Terex South Dakota, Inc. in the USA and many other countries. "Z" is a trademark of Terex South Dakota, Inc.

Model: Z-45/25
Serial number: Z452598-12345
Model year: 1998 **Manufacture date:** 01/01/98
Electrical schematic number: ES0274
Machine unladen weight:

Rated work load (including occupants): 500 lb / 227 kg
Maximum number of platfrm occupants: 2
Maximum allowable side force : 150 lb / 670 N
Maximum allowable inclination of the chassis:
0 deg
Maximum wind speed : 28 mph/ 12.5 m/s
Maximum platform height : 45 ft 6 in/ 13.8 m
Maximum platform reach : 25 ft 3 in/ 7.7 m
Gradeability: N/A
Country of manufacture: USA
This machine complies with:
ANSI A92.5
CAN B.354.4

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





How to Order Parts

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

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

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

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

Machine Information

_____

Model

_____

Serial Number

_____

Date of Purchase

_____

Authorized Genie Distributor

_____

Phone Number

North America

Telephone (425)881-1800

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

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

http://genielift.com/en

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

http://genielift.co.uk

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

http://genielift.com.sg/

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

http://genielift.com.au

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

Required Parts

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

All Models:

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

Perkins 404-22 Models:

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

Deutz F3L-2011 Models:

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

Ford 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 Pressure Regulator/Filter	119491
Engine Oil Filter	119139
Air Filter Element	77295
Serpentine Belt	119138
PCV Valve	119474
Spark Plug	119495

Recommended Parts

Description	Part No.
Genie Blue Paint, 1 Gallon	32150
Genie Blue Paint, 12 Ounce Aerosol	1484
Genie Gray Paint, 1 Gallon	32151
Genie Gray Paint, 12 Ounce Aerosol	1268
Plug and Cap Kit (for ORFS fittings)	49613

Manuals

Genie Industries offers the following support documents for these models:

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

TEREX CORPORATION

Service Parts Fax Order Form

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

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

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

Optional Equipment _____

Part Number	Description	Quantity	Price

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

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

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	22
102.2 Decals with Symbols, Z-45/25J	26
200 Drive Chassis Components	**30**
201.1 Steer Axle Linkage - Oscillate Models	30
202.1 Steer Axle Linkage - Non-oscillate Models	34
203.1 Steer Axle Wheels, Motors and Hubs	36
204.1 Non-steer Axle Wheels and Hubs	42
205.1 Oscillate Valve	56
205.2 Oscillate Valve	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	70
303.2 Function Manifold and Ground Control Box Placement, Z-45/25J	74
304.1 Ground Control Box - View 1, Z-45/25	78
304.2 Ground Control Box - View 1, Z-45/25J	86
305.1 Ground Control Box - View 2	94
306.1 Turntable Covers, Engine Side	98
307.1 Turntable Covers, Tank Side	102
308.1 Wire Harness Diagram	106
308.2 Wire Harness Diagram	110
400 Engine Components	**112**
401.1 Ford LRG-425 EFI Engine - View 1 (to SN 23189)	112
401.2 Ford LRG-425 EFI Engine - View 1 (from SN 23190)	118
402.1 Ford LRG-425 EFI Engine - View 2 (to SN 23189)	122
402.2 Ford LRG-425 EFI Engine - View 2 (from SN 23190)	126
403.1 Ford LRG-425 EFI Engine - View 3 (to SN 23189)	130
404.1 Deutz F3L 1011F Engine - View 1 (to SN 23040)	134
404.2 Deutz F3L 2011 Engine - View 1 (from SN 23041)	140
405.1 Deutz F3L 1011F Engine - View 2 (to SN 23040)	144
405.2 Deutz F3L 2011 Engine - View 2 (from SN 23041)	148
406.1 Perkins 104-22 Engine - View 1 (to SN 23008)	152
406.2 Perkins 404-22 Engine - View 1 (from SN 23009)	158
407.1 Perkins 104-22 Engine - View 2 (to SN 23008)	162
407.2 Perkins 404-22 Engine - View 2 (from SN 23009)	164

Description **Page**

408.1 Perkins 104-22 Engine - View 3 (to SN 23008) 170
409.1 Perkins 104-22 Engine - View 4 (to SN 23008) 172
410.1 Engine Tray and Battery 176

500 Boom Components 178

501.1 Boom Pins and Bearings, Z-45/25 178
501.2 Boom Pins and Bearings, Z-45/25J 180
502.1 Boom Linkage, Z-45/25 182
502.2 Boom Linkage, Z-45/25J 186
503.1 Upper Pivot Components, Z-45/25 190
503.2 Upper Pivot Components, Z-45/25J 192
504.1 Primary and Extension Booms, Z-45/25 194
504.2 Primary and Extension Booms, Z-45/25J 198
505.1 Cable Track (from SN 21179 to 24285) 202
505.2 Cable Track (from SN 21179 to 24285), Z-45/25J 204
505.3 Cable Track (from SN 24286), Z-45/25 206
505.4 Cable Track (from SN 24286), Z-45/25J 208
506.1 Non-Jib Platform Leveling and Rotation 210
507.1 Jib Platform Leveling 214
508.1 Jib Platform Rotation 218
509.1 Jib Detail 220

600 Platforms 222

601.1 Platform Configuration 222
602.1 Platform Components 224
603.1 Platform Control Box - View 1, Z-45/25 228
603.2 Platform Control Box - View 1, Z-45/25J 236
604.1 Platform Control Box - View 2, Z-45/25 244
604.2 Platform Control Box - View 2, Z-45/25J 248
605.1 Single and Multi-axis Joystick 252
606.1 Steer Joystick 254

700 Manifolds and Pumps 256

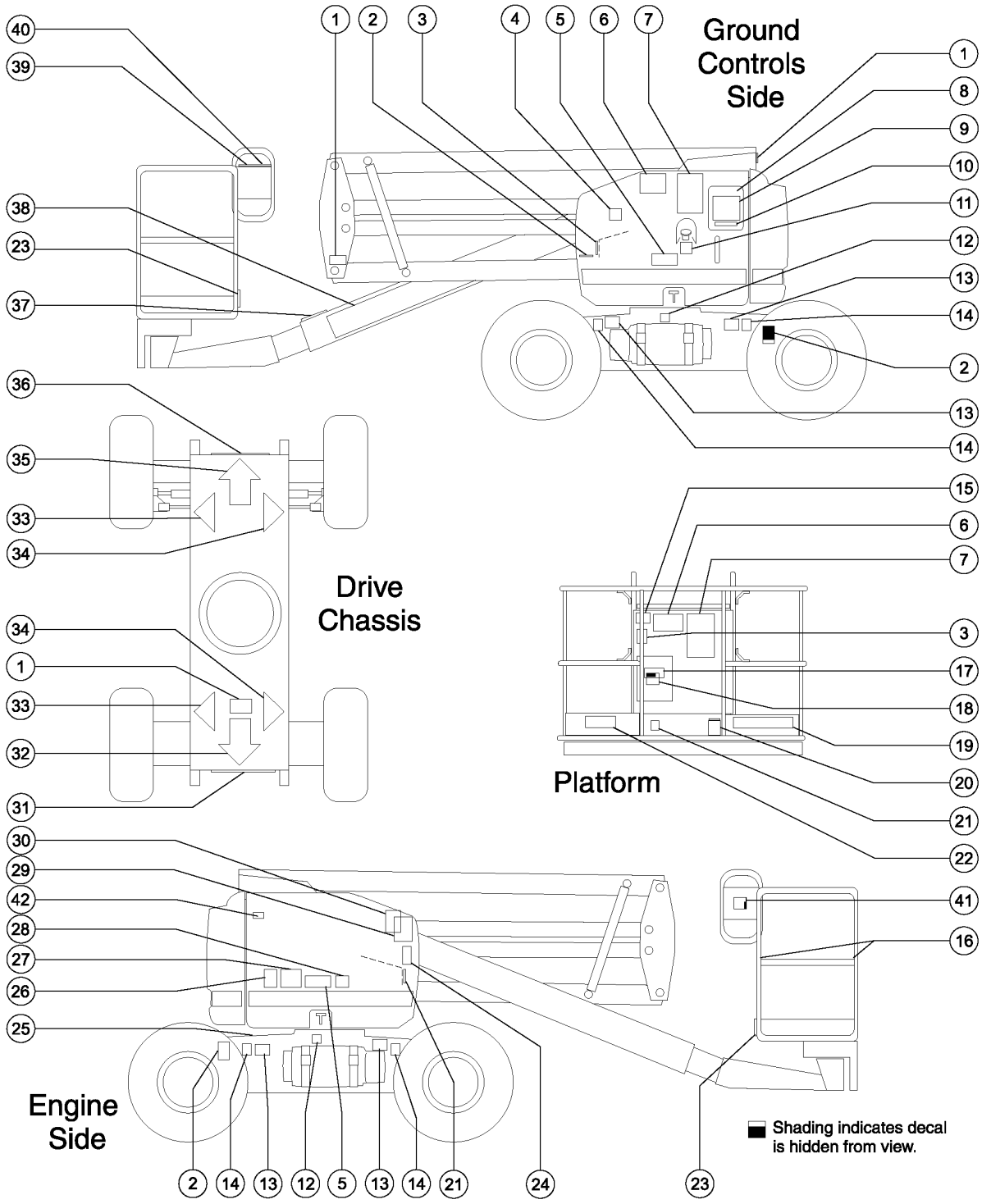
701.1 2WD Drive Manifold 256
702.1 4WD Drive Manifold 258
703.1 Function Manifold (to SN 22050) 264
703.2 Function Manifold (from SN 22051) 270
704.1 Jib and Platform Rotate Manifolds 274
705.1 Pumps 278

800 Hydraulic Hoses and Fittings 282

801.1 2WD Drive and Steer (to SN 24689) 282

Description	Page
801.2 2WD Drive and Steer (from SN 24690)	284
802.1 2WD Drive and Steer - Narrow Models (to SN 24689)	286
802.2 2WD Drive and Steer - Narrow Models (from SN 24690)	288
803.1 4WD Drive and Steer System (to SN 23811)	290
803.2 4WD Drive and Steer System (from SN 23812)	294
804.1 Oscillate System	298
805.1 Turntable Components (to SN 22050)	300
805.2 Turntable Components (from SN 22051)	304
806.1 Boom Components	308
807.1 Boom Components	310
900 Accessories	**312**
901.1 Alarm and Beacon Package	312
902.1 Platform Options	314
903.1 Platform Mesh-Side Swing Gate	318
903.2 Platform Mesh-Front Single Entry	320
904.1 Airline to Platform	324
905.1 Cold Start Package - Ford and Deutz Engines	326
906.1 Generator Option	328
907.1 Platform Overload Option, Z-45/25	330
907.2 Platform Overload Option, Z-45/25J	334
908.1 Boom Hydraulic Hoses and Fittings, Arctic Hose Option	338
909.1 Boom Hydraulic Hoses and Fittings, Arctic Hose Option	340
910.1 Belt Driven Generator - Diesel Models	342
911.1 Fall Arrest Bar	346
Part Number Index	**348**

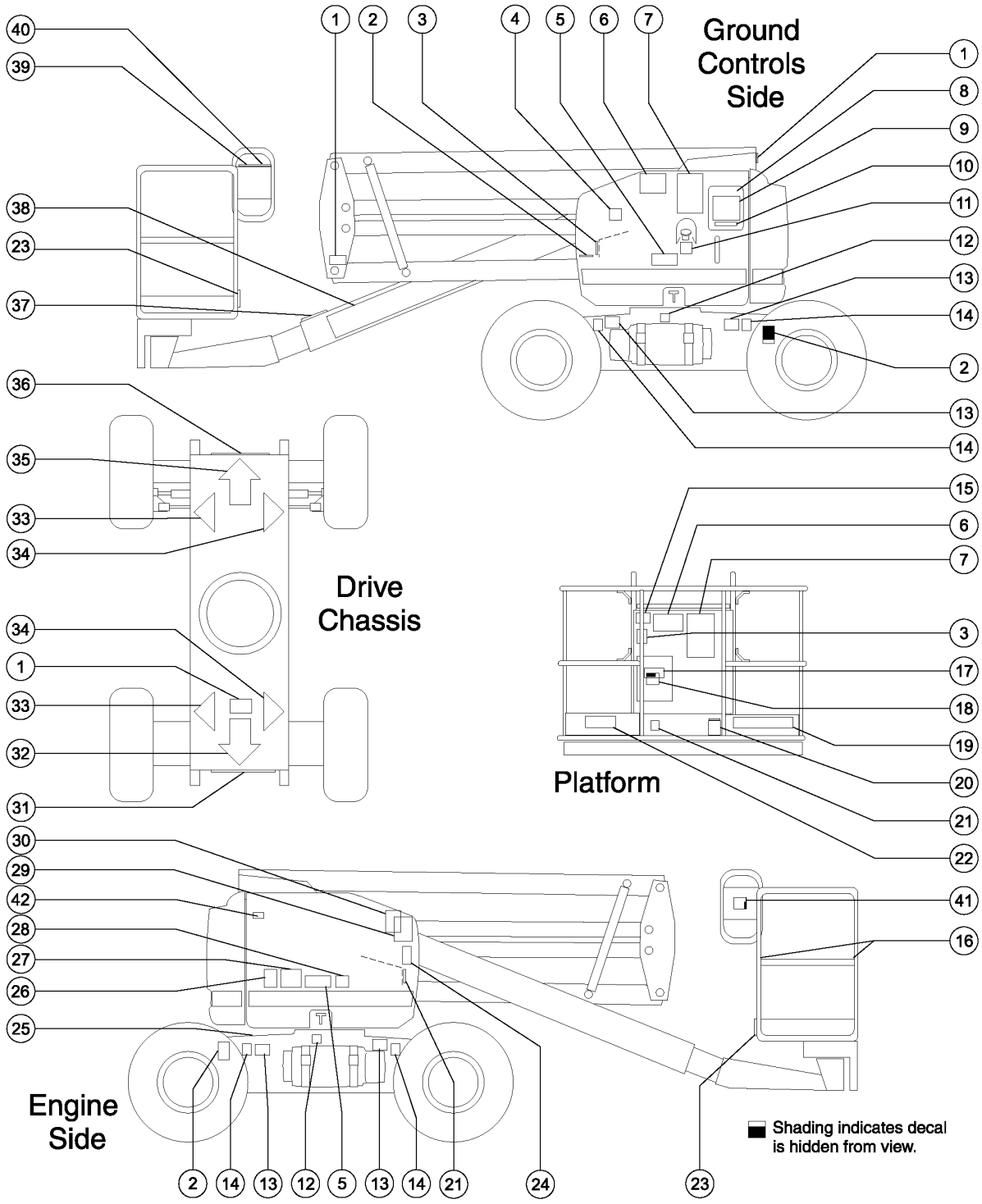
101.1 Decals with Words, Z-45/25



101.1 Decals with Words, Z-45/25

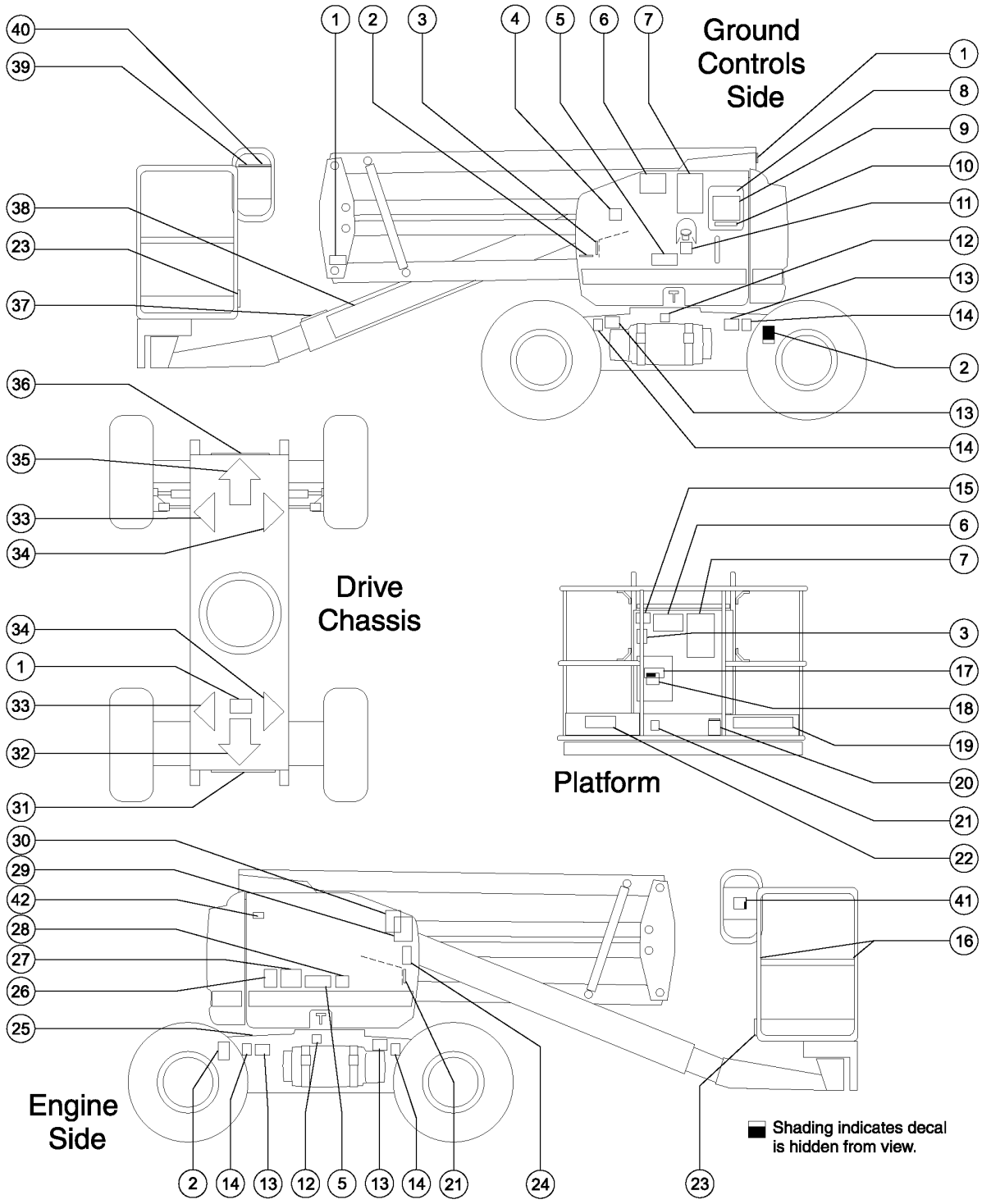
Item	Part No.	Description	Qty.
A	77523GT	DECAL KIT,SFTY/INSTR Z45IC kit does not include 3, 8, 11, 12, 15, 22, 23, 24, 29, 30, and 36-38	
B	162235GT	DECAL KIT,Z45IC PLAT,WORD,ANSI from SN Z452507-33971 to Z452513A-47000 and from Z452507B-101 to Z452513B-330 from z452513D-101	
C	162343GT	DECAL KIT,Z45IC PLAT,WRD,AUST from SN Z452507-33971 to Z452511A-40599 and from Z452507B-101 to Z452511B-1725	
1	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3
2	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
3	28235GT	DECAL,POWER TO PLATFORM 115V	2
3-	28174GT	DECAL,POWER TO PLATFORM 230V	2
4	82366GT	DECAL,CHEVRON RANDO HD	1
5	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
6	82283GT	DECAL,NOTICE,OPER INST.IC***	2
7	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
8	52607GT	DECAL,LABEL,TEST*** Ford models	1
9	72442GT	DECAL, GROUND CONTROL PANEL	1
10	43663GT	DECAL,NOTICE, FUNCTION ENABLE*	1
11	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
11-	28159GT	DECAL,DIESEL	1
12	28160GT	DECAL,LABEL,LIQUID PROPANE Ford models	2
13	52672GT	DECAL,DANGER,TIPOVER HAZARD***	4
13	43595GT	DECAL,DANGER,TIP-OVER,TIRES*** Narrow models	4
14	52447GT	DECAL,NOTICE,TIRE SPECS*** to SN 22430	4
14-	82918GT	DECAL,NOTICE, TIRE SPECS from SN 22431	4
14-	65301GT	DECAL,NOTICE,FOAM-FILLED TIRES Narrow models	4
15	33952GT	DECAL,DANGER,TILT ALARM	1
16	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
17	28236GT	DECAL,WARN,IMPROPER OPERATION	1
18	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
19	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
20	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	2

101.1 Decals with Words, Z-45/25



Item	Part No.	Description	Qty.
21	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
22	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI ANSI and CSA models	2
22-	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS Australian models	2
23	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	1
24	49741GT	DECAL,NOTICE,FORD EFI ENG SPEC to SN 23189	
24-	97571GT	DECAL,NOTICE,FORD ENG SPECS T2 from SN 23190	
24-	52784GT	DECAL,NOTICE,DEUTZ ENG SPEC*** to SN 23040	
24-	52784GT	DECAL,NOTICE,DEUTZ ENG SPEC*** to SN 23041	
24-	72085GT	DECAL,NOTICE,PERKINS ENG SPEC to SN 23008	
24-	82644GT	DECAL, ENGINE SPEC, PERKINS from SN 23009	
25	25994GT	DECAL,NOTICE,SHUTOFF VALVES to SN 21375	1
26	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
27	28175GT	DECAL,WARNING-COMPART ACCESS	1
28	28171GT	DECAL,DANGER,NO SMOKING ***	1
29	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
30	77183GT	FILM,POLY,CLEAR,4.5 X 8.75	1
31	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
31-	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
32	27205GT	DECAL,ARROW YELLOW LRG 9"	1
33	27206GT	DECAL,TRIANGLE,BLUE	2
34	27207GT	DECAL,TRIANGLE,YELLOW	2
35	27204GT	DECAL,ARROW BLUE	1
36	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
37	28181GT	DECAL,WARN,FALL HAZARD	1
38	62927GT	DECAL,COSMETIC,GENIE Z-45/25	1
39	82238GT	DECAL,PLATFORM CONTROL PANEL	1
39-	32728GT	DECAL,OPTION GENERATOR***	1
39-	72867GT	DECAL,LABEL,LIGHTS***	1

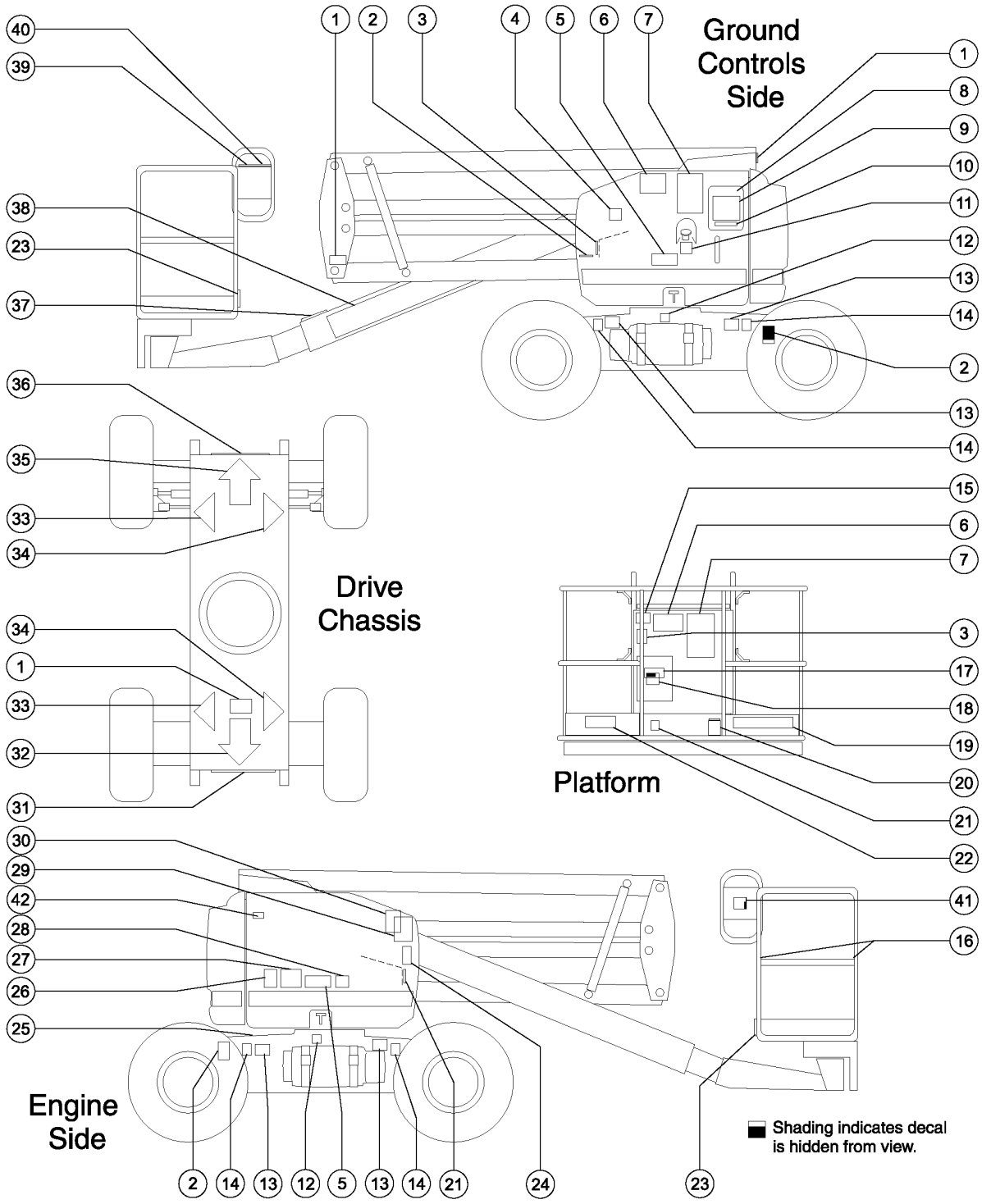
101.1 Decals with Words, Z-45/25



101.1 Decals with Words, Z-45/25

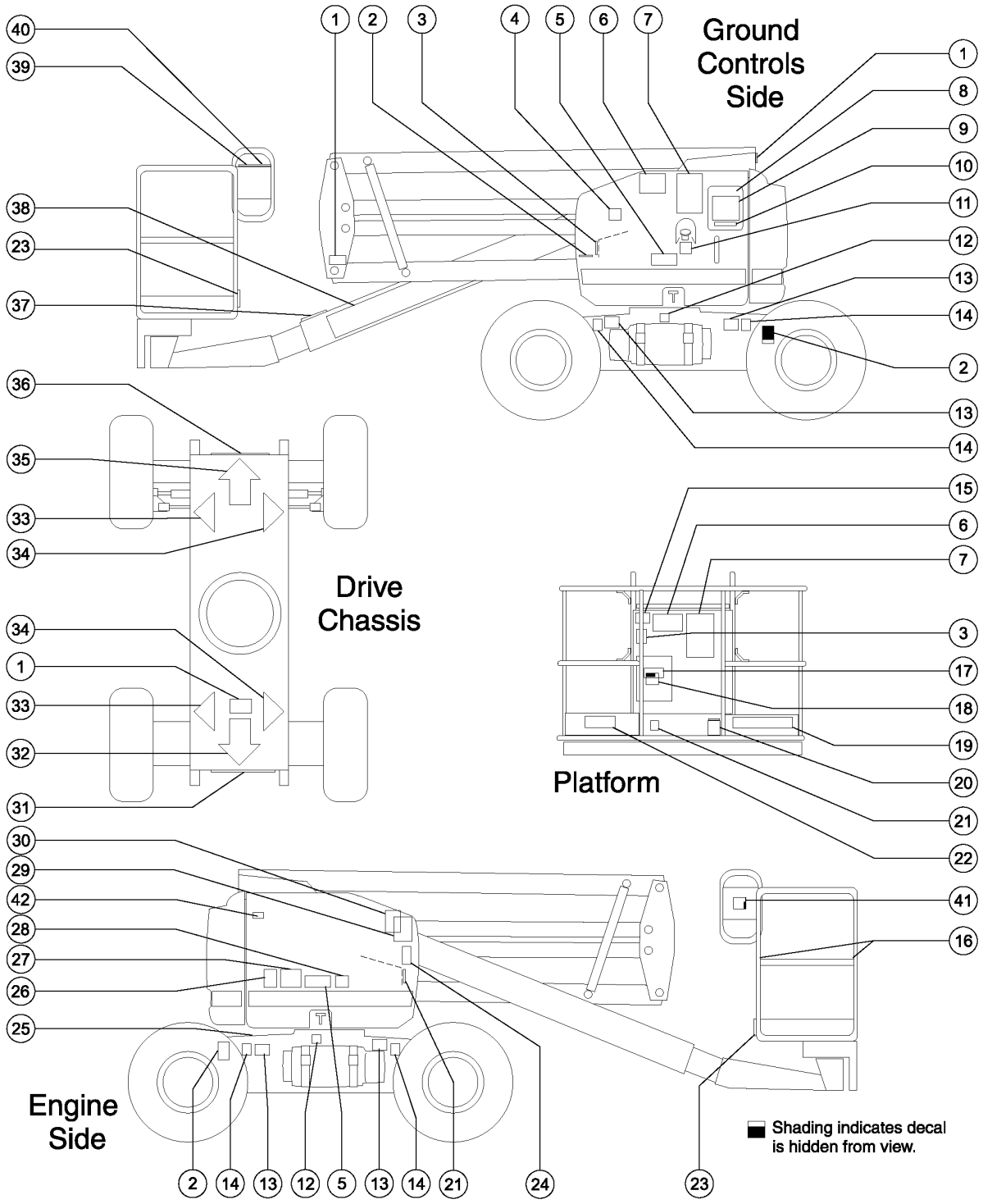
Item	*Part No.*	*Description*	*Qty.*
40	82244GT	DECAL,PROTECTOR,CLEAR***	1
41	82243GT	DECAL FAULT CODE	1
42	97602GT	DECAL,EXPLOSION HAZARD Diesel models	1

101.2 Decals with Words, Z-45/25J

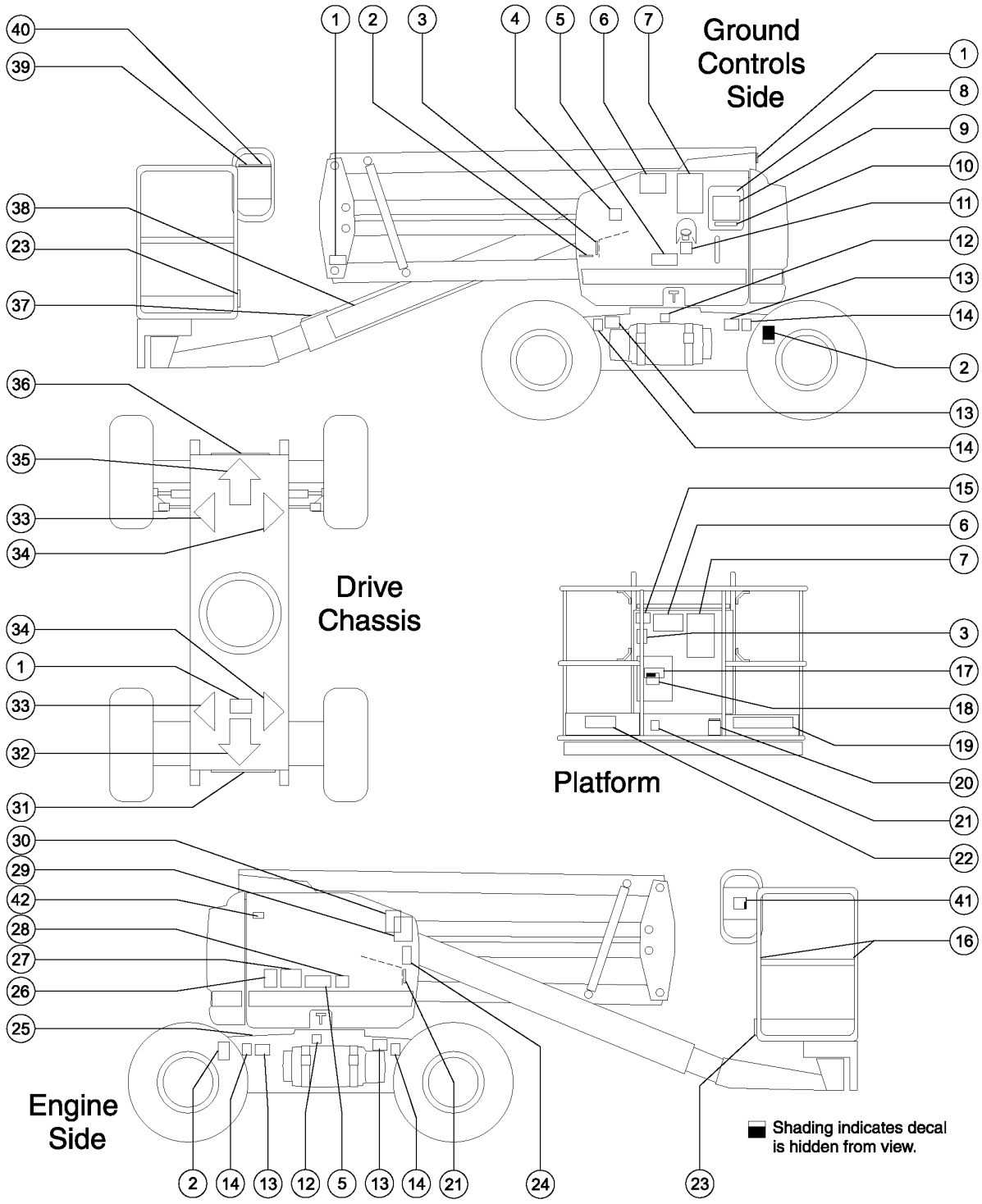


101.2 Decals with Words, Z-45/25J

Item	Part No.	Description	Qty.
A	77523GT	DECAL KIT,SFTY/INSTR Z45IC kit does not include 3, 8, 11, 12, 15, 22, 23, 24, 29, 30, and 36-38	
B	162235GT	DECAL KIT,Z45IC PLAT,WORD,ANSI from SN Z452507-33971 to Z452513A-4700 and from Z452507B-101 to Z452513B-330 from z452513D-101	
C	162343GT	DECAL KIT,Z45IC PLAT,WRD,AUST from SN Z452507-33971 to Z452511A-40599 and from Z452507B-101 to Z452511B-1725	
1	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3
2	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
3	28235GT	DECAL,POWER TO PLATFORM 115V	2
3	28174GT	DECAL,POWER TO PLATFORM 230V	2
4	82366GT	DECAL,CHEVRON RANDO HD	1
5	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
6	82283GT	DECAL,NOTICE,OPER INST.IC***	2
7	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
8	52607GT	DECAL,LABEL,TEST*** Ford models	1
9	72442GT	DECAL, GROUND CONTROL PANEL	1
10	43663GT	DECAL,NOTICE, FUNCTION ENABLE*	1
11	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
11	28159GT	DECAL,DIESEL	1
12	28160GT	DECAL,LABEL,LIQUID PROPANE Ford models	2
13	52672GT	DECAL,DANGER,TIPOVER HAZARD***	4
13	43595GT	DECAL,DANGER,TIP-OVER,TIRES*** Narrow models	4
14	52447GT	DECAL,NOTICE,TIRE SPECS*** to SN 22430	4
14	82918GT	DECAL,NOTICE, TIRE SPECS from SN 22431	4
14	65301GT	DECAL,NOTICE,FOAM-FILLED TIRES Narrow models	4
15	33952GT	DECAL,DANGER,TILT ALARM	1
16	40434GT	DECAL,LANYARD ANCHORAGE POINT	2
17	28236GT	DECAL,WARN,IMPROPER OPERATION	1
18	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
19	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
20	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	2

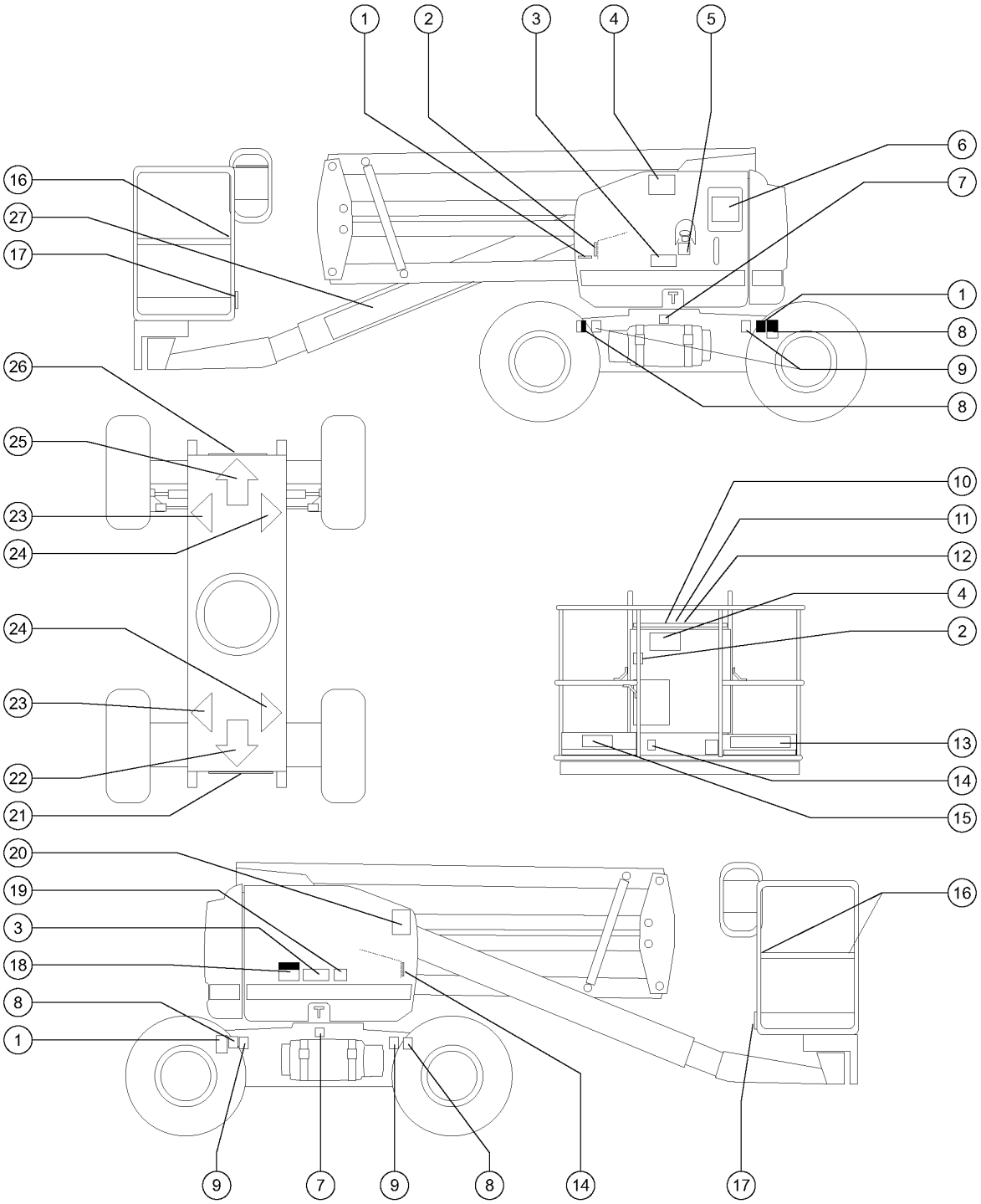

Ground Controls Side
Drive Chassis
Platform
Engine Side
Shading indicates decal is hidden from view.

Item	Part No.	Description	Qty.
21	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
22	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI ANSI and CSA models	2
22	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS Australian models	2
23	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	1
24	49741GT	DECAL,NOTICE,FORD EFI ENG SPEC to SN 23189	
24	97571GT	DECAL,NOTICE,FORD ENG SPECS T2 from SN 23190	
24	52784GT	DECAL,NOTICE,DEUTZ ENG SPEC*** to SN 23040	
24	52784GT	DECAL,NOTICE,DEUTZ ENG SPEC*** to SN 23041	
24	72085GT	DECAL,NOTICE,PERKINS ENG SPEC to SN 23008	
24	82644GT	DECAL, ENGINE SPEC, PERKINS from SN 23009	
25	25994GT	DECAL,NOTICE,SHUTOFF VALVES to SN 21375	1
26	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
27	28175GT	DECAL,WARNING-COMPART ACCESS	1
28	28171GT	DECAL,DANGER,NO SMOKING ***	1
29	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
30	77183GT	FILM,POLY,CLEAR,4.5 X 8.75	1
31	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
31	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
32	27205GT	DECAL,ARROW YELLOW LRG 9"	1
33	27206GT	DECAL,TRIANGLE,BLUE	2
34	27207GT	DECAL,TRIANGLE,YELLOW	2
35	27204GT	DECAL,ARROW BLUE	1
36	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
37	28181GT	DECAL,WARN,FALL HAZARD	1
38	62926GT	DECAL,COSMETIC,GENIE Z-45/25J	1
39	82238GT	DECAL,PLATFORM CONTROL PANEL	1
39	32728GT	DECAL,OPTION GENERATOR***	1
39	72867GT	DECAL,LABEL,LIGHTS***	1


Ground Controls Side
Drive Chassis
Platform
Engine Side
Shading indicates decal is hidden from view.

Item	Part No.	Description	Qty.
40	82244GT	DECAL,PROTECTOR,CLEAR***	1
41	82243GT	DECAL FAULT CODE	1
42	97602GT	DECAL,EXPLOSION HAZARD Diesel models	1

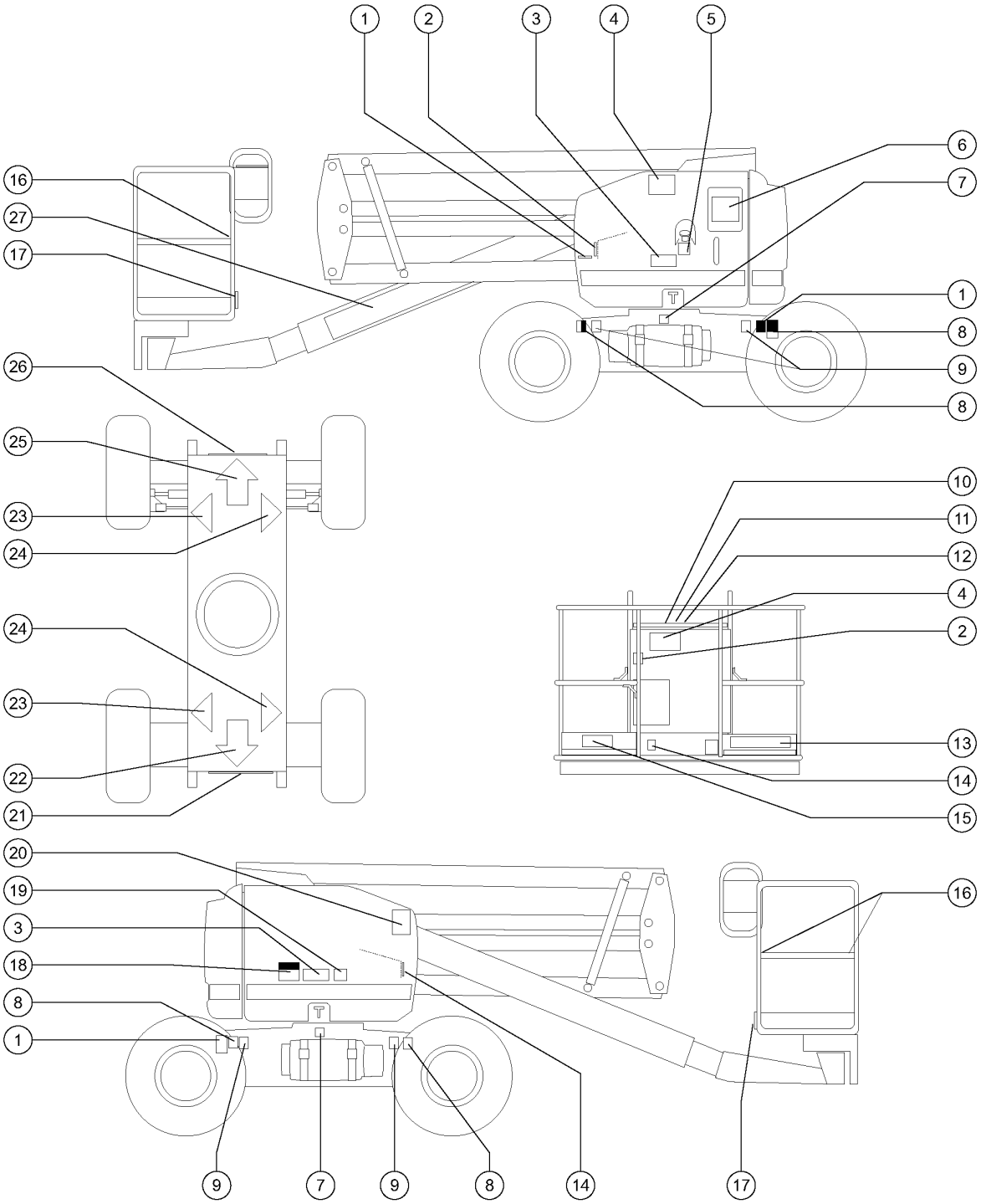
102.1 Decals with Symbols, Z-45/25



102.1 Decals with Symbols, Z-45/25

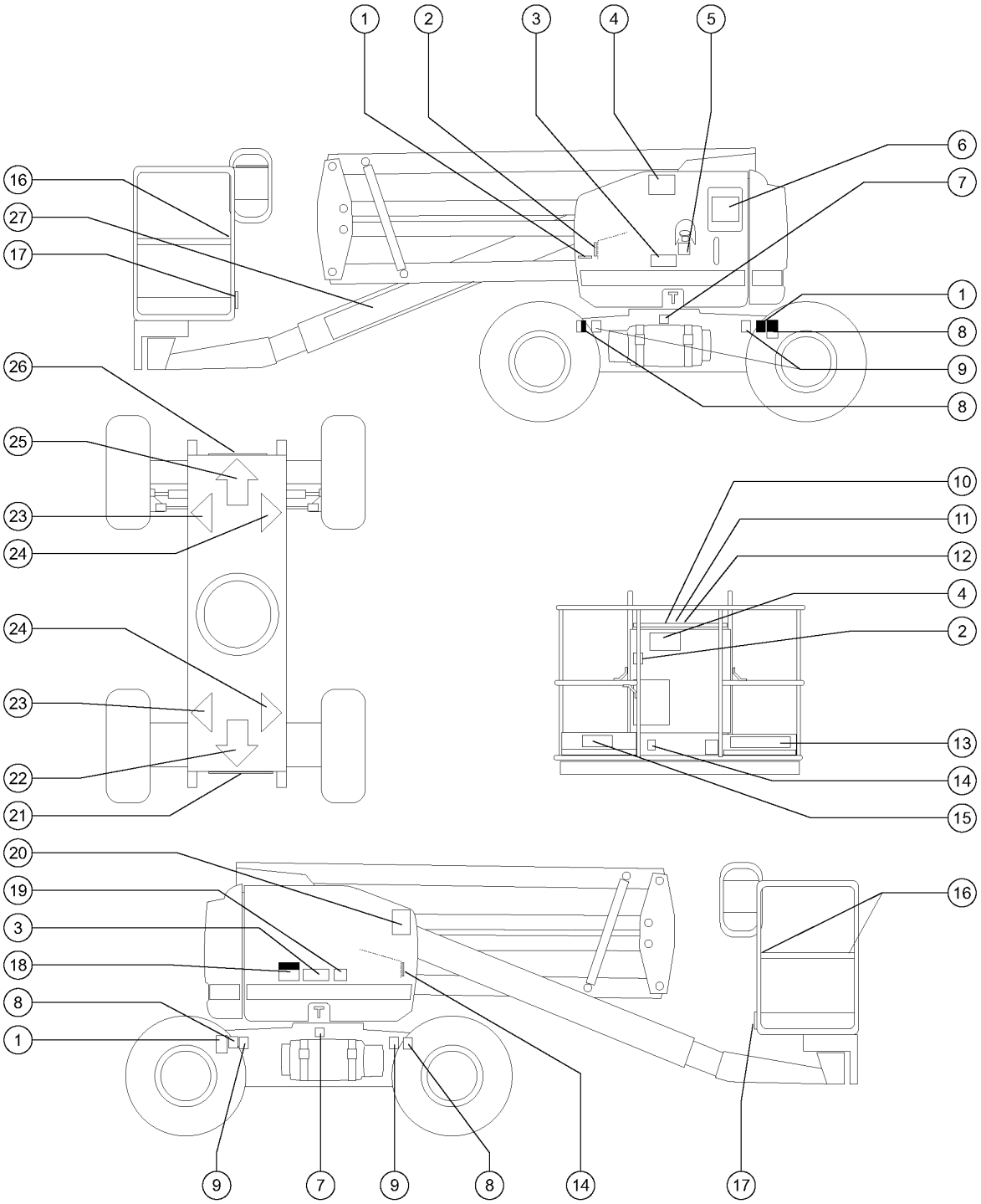
Item	Part No.	Description	Qty.
A	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
B	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
C	823153GT	DECAL KIT,Z45 PLAT,SYM,ANSI from SN Z452507-33948 to Z452507-34010 and from Z452507A-34011 and from Z452507B-101 and from Z452513D-101	
D	823161GT	DECAL KIT,Z45 PLAT,SYM,CE from SN Z452507-33948 to Z452507-34010 and from Z452507A-34011 and from Z452507B-101 and from Z452513D-101	
1	82472GT	DECAL,WARNING,CRUSHING HAZARD	3
2	28235GT	DECAL,POWER TO PLATFORM 115V	2
2-	28174GT	DECAL,POWER TO PLATFORM 230V	2
3	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
4	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
5	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
5-	28159GT	DECAL,DIESEL	1
6	72442GT	DECAL, GROUND CONTROL PANEL	1
7	28160GT	DECAL,LABEL,LIQUID PROPANE Ford Models	2
8	82631GT	DECAL,LABEL,WHEEL LOAD Z4525	4
9	82633GT	DECAL,LABEL,TIRE PRESS Z45RT	4
9		DECAL,LABEL,TIRE PRESS Z45IND (never used in production)	4
10	82238GT	DECAL,PLATFORM CONTROL PANEL	1
11	32728GT	DECAL,OPTION GENERATOR***	1
12	82646GT	DECAL,DRIVE ENABLE PATCH	1
13	82545GT	DECAL,DANGER,MAX LOAD 227 KG**	1
14	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
15	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
15-	82604GT	DECAL,DANGER,SIDE FRC 400N Australian models only	1
16	40434GT	DECAL,LANYARD ANCHORAGE POINT	2
17	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
18	82473GT	DECAL,SYMBOL-COMP ACCESS	1
19	28171GT	DECAL,DANGER,NO SMOKING ***	1

102.1 Decals with Symbols, Z-45/25



Item	Part No.	Description	Qty.
20	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
21	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
21-	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
22	27205GT	DECAL,ARROW YELLOW LRG 9"	1
23	27206GT	DECAL,TRIANGLE,BLUE	2
24	27207GT	DECAL,TRIANGLE,YELLOW	2
25	27204GT	DECAL,ARROW BLUE	1
26	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
27	62927GT	DECAL,COSMETIC,GENIE Z-45/25	1

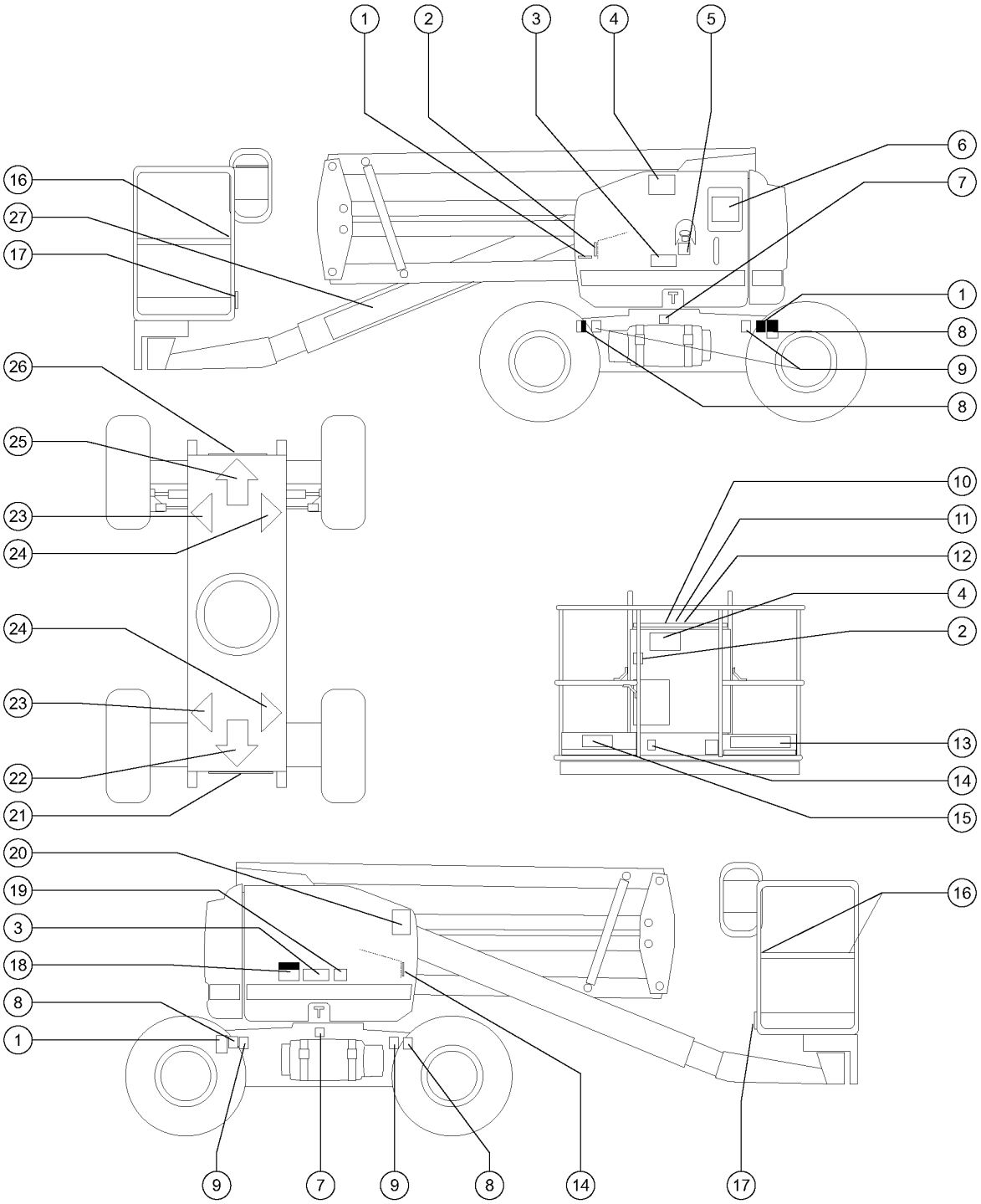
102.2 Decals with Symbols, Z-45/25J



102.2 Decals with Symbols, Z-45/25J

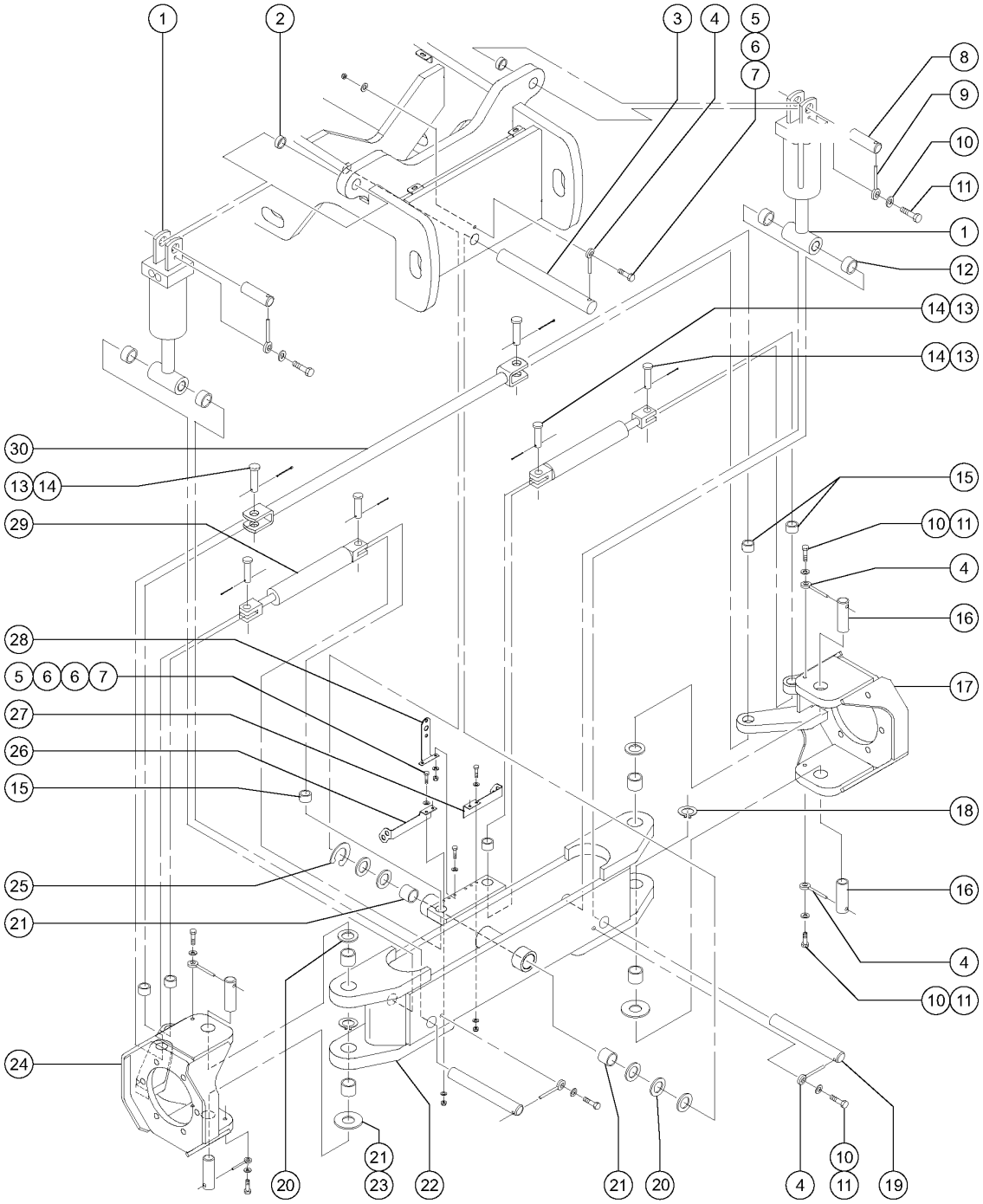
Item	Part No.	Description	Qty.
A	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
B	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
C	823153GT	DECAL KIT,Z45 PLAT,SYM,ANSI from SN Z452507-33948 to Z452507-34010 and from Z452507A-34011 and from Z452507B-101 and from Z452513D-101	
D	823161GT	DECAL KIT,Z45 PLAT,SYM,CE from SN Z452507-33948 to Z452507-34010 and from Z452507A-34011 and from Z452507B-101 and from Z452513D-101	
1	82472GT	DECAL,WARNING,CRUSHING HAZARD	3
2	28235GT	DECAL,POWER TO PLATFORM 115V	2
2	28174GT	DECAL,POWER TO PLATFORM 230V	2
3	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
4	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
5	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
5	28159GT	DECAL,DIESEL	1
6	72442GT	DECAL, GROUND CONTROL PANEL	1
7	28160GT	DECAL,LABEL,LIQUID PROPANE Ford Models	2
8	82632GT	DECAL,LABEL,WHEEL LOAD Z4525J	4
9	82633GT	DECAL,LABEL,TIRE PRESS Z45RT	4
9		DECAL,LABEL,TIRE PRESS Z45IND (never used in production)	4
10	82238GT	DECAL,PLATFORM CONTROL PANEL	1
11	32728GT	DECAL,OPTION GENERATOR***	1
12	82646GT	DECAL,DRIVE ENABLE PATCH	1
13	82545GT	DECAL,DANGER,MAX LOAD 227 KG**	1
14	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
15	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
15	82604GT	DECAL,DANGER,SIDE FRC 400N Australian models only	1
16	40434GT	DECAL,LANYARD ANCHORAGE POINT	2
17	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
18	82473GT	DECAL,SYMBOL-COMP ACCESS	1
19	28171GT	DECAL,DANGER,NO SMOKING ***	1

102.2 Decals with Symbols, Z-45/25J



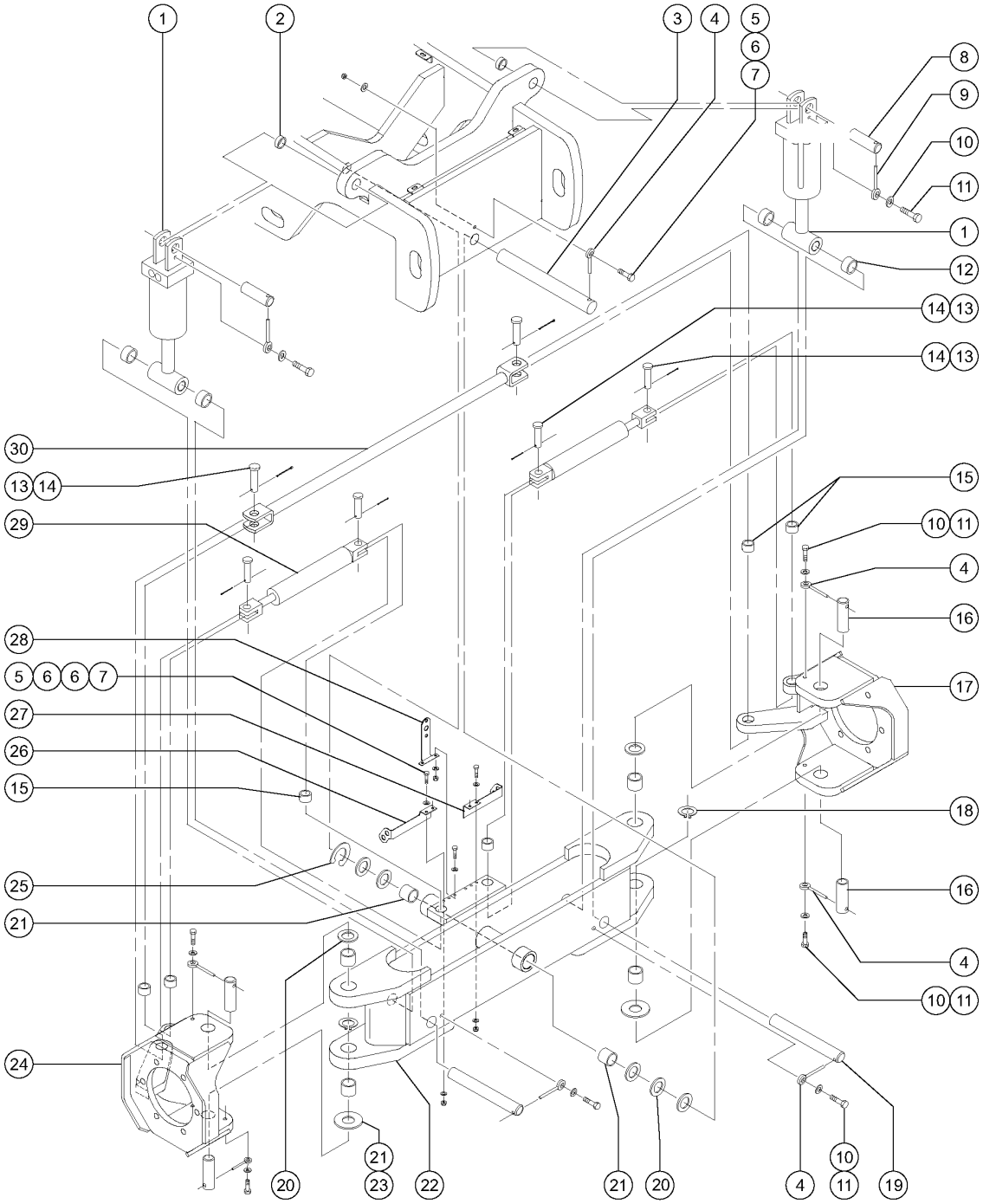
Item	Part No.	Description	Qty.
20	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
21	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
21	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
22	27205GT	DECAL,ARROW YELLOW LRG 9"	1
23	27206GT	DECAL,TRIANGLE,BLUE	2
24	27207GT	DECAL,TRIANGLE,YELLOW	2
25	27204GT	DECAL,ARROW BLUE	1
26	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
27	62926GT	DECAL,COSMETIC,GENIE Z-45/25J	1

201.1 Steer Axle Linkage - Oscillate Models



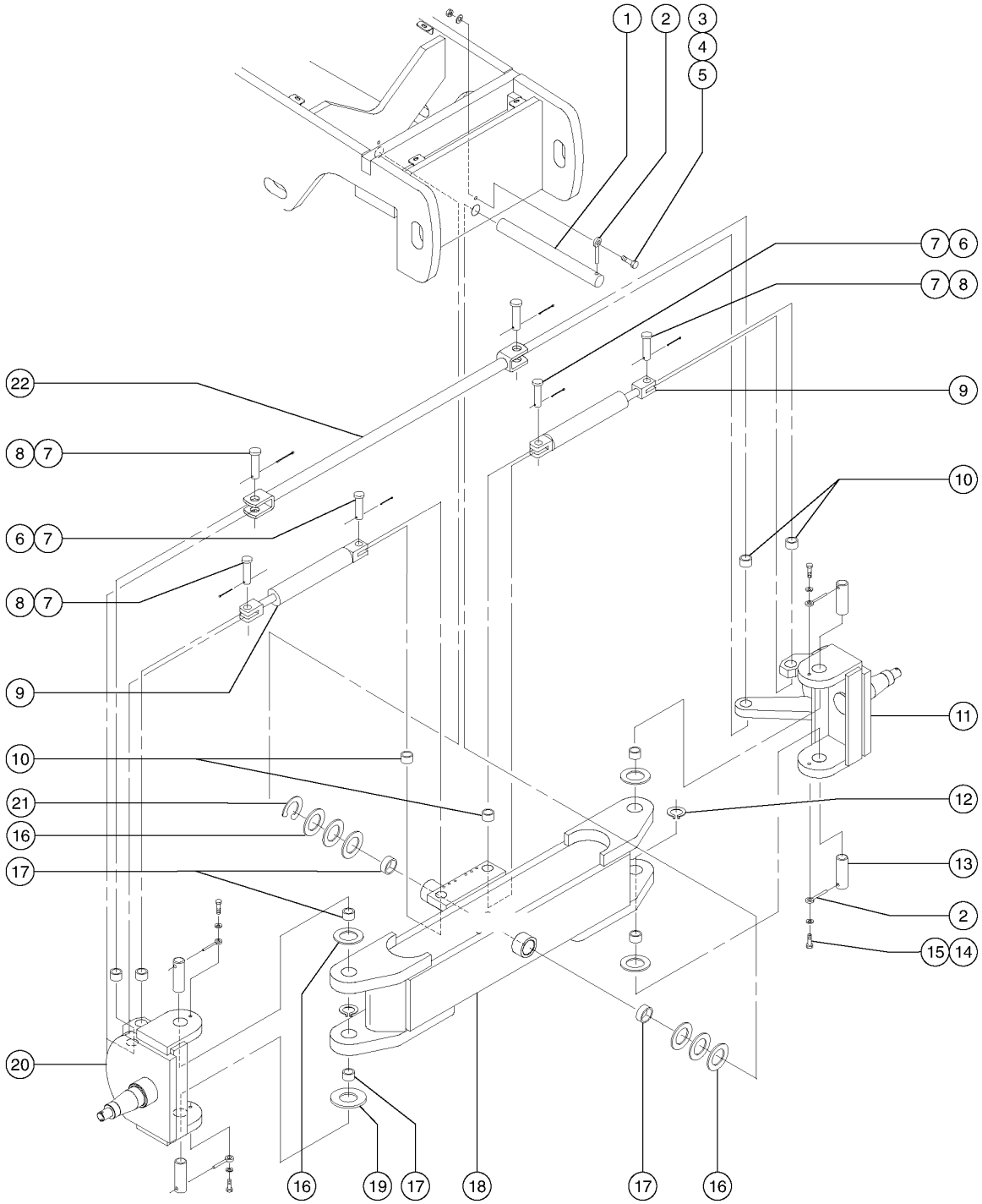
Item	Part No.	Description	Qty.
1	54567GT	CYLINDER,OSCILLATE,Z45*** includes 2 of of item 12	2
1-	65791GT	SEAL KIT,CYL,Z45 (54567)	
1-	77409GT	VALVE,COUNTERBALANCE,1000 ATM	
2	50560GT	BEARING,1.25IDX1.50ODX1.50L	2
3	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	1
4	825019GT	ROD END, .375X3.69, ZAG	
5	6708GT	SCREW,HHC,3/8-16 X 2.25	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	50742GT	PIN,1.25DIAX3.75LG,1HOLE	2
9	1255452GT	ROD END,.375 X 2.25,ZAG	
10	6021GT	WASHER, LOCK, .375	
11	6175GT	SCREW,HHC,3/8-16 X 1	
12	25683GT	BEARING,POLYGON,20DU12	4
13	19440GT	PIN,CLEVIS,1 X 2.5 LG	4
14	74389GT	RUE RING 1.00	4
15	25817GT	BEARING,1.00IDX1.25ODX1.00L	4
16	88752GT	PIN,1.50DIAX4.25LG,GR/H	4
17	52704-SGT	YOKE ASSY,LH,4WD,Z45/25,IC 4WD models; includes 2 of item 15	1
17-	52733-SGT	YOKE ASSY.LH'2WD'Z45IC 2WD models; includes 2 of item 15	1
18	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	
19	36198GT	PIN,1.25DIAX8.12LG,1HOLE	2
20	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
21	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
22	52706-SGT	FRONT AXLE ASSY,WIDE,Z45/25 IC includes 2 of item 15 and 6 of item 21	1
23	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	
24	52705-SGT	YOKE ASSY,RH,4WD,Z45/25,IC 4WD models; includes 2 of item 15	1
24-	52734-SGT	YOKE ASSY.RH'2WD'Z45IC 2WD models; includes 2 of item 15	1

201.1 Steer Axle Linkage - Oscillate Models



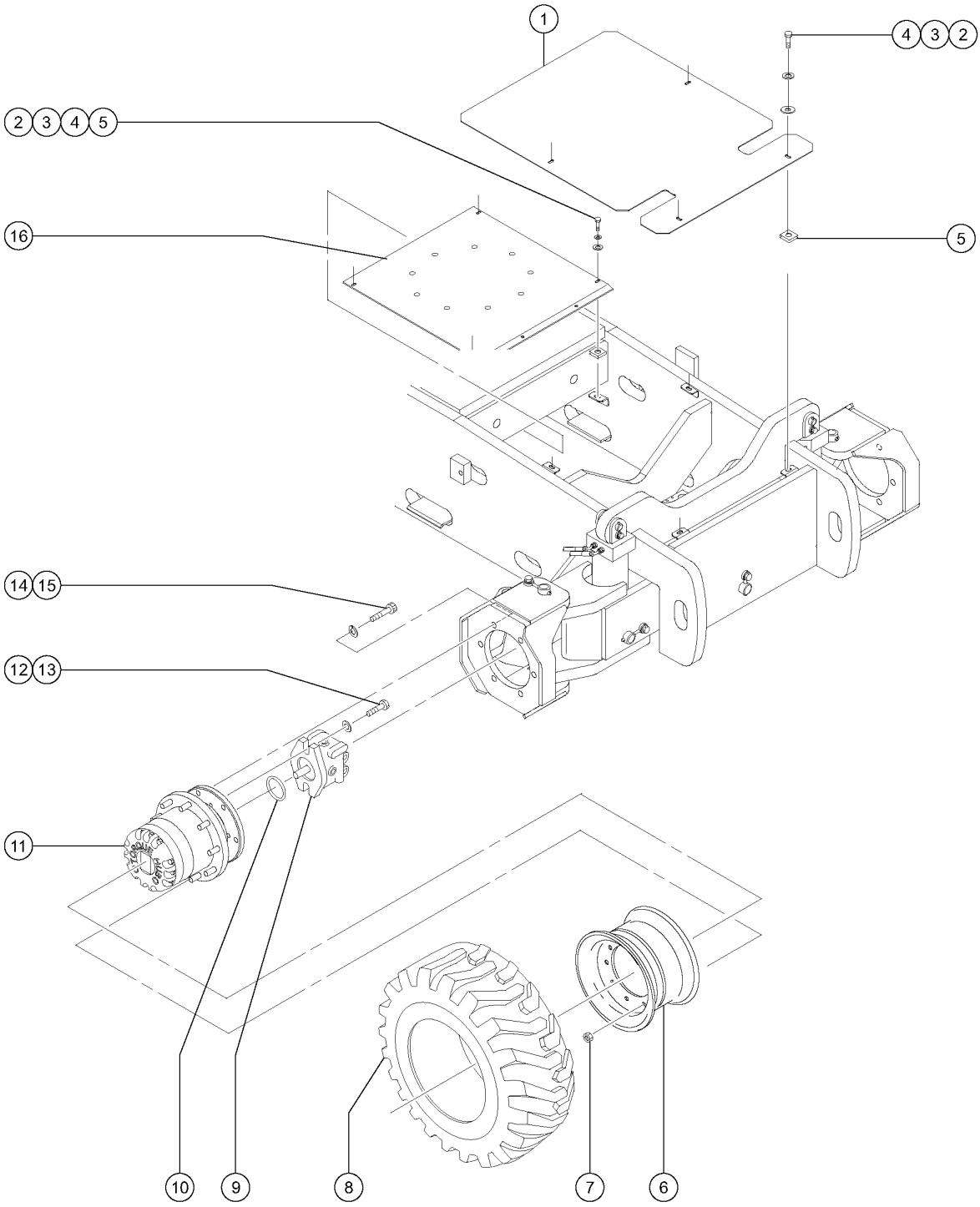
Item	Part No.	Description	Qty.
25	54557GT	SHIM,AXLE PIN,1.50"	
26	50947PGT	BRACKET,FRONT DRIVE HOSES,RH,P	1
27	50901PGT	BRACKET,FRONT DRIVE HOSES,LH,P	1
28	50900GT	BRACKET,OSC HOSE BULKHEAD	1
29	88337GT	CYLINDER,STEER	2
29-	88338GT	SEAL KIT, 88337	
30	50328-SGT	TIE ROD WELDMENT	1

202.1 Steer Axle Linkage - Non-oscillate Models



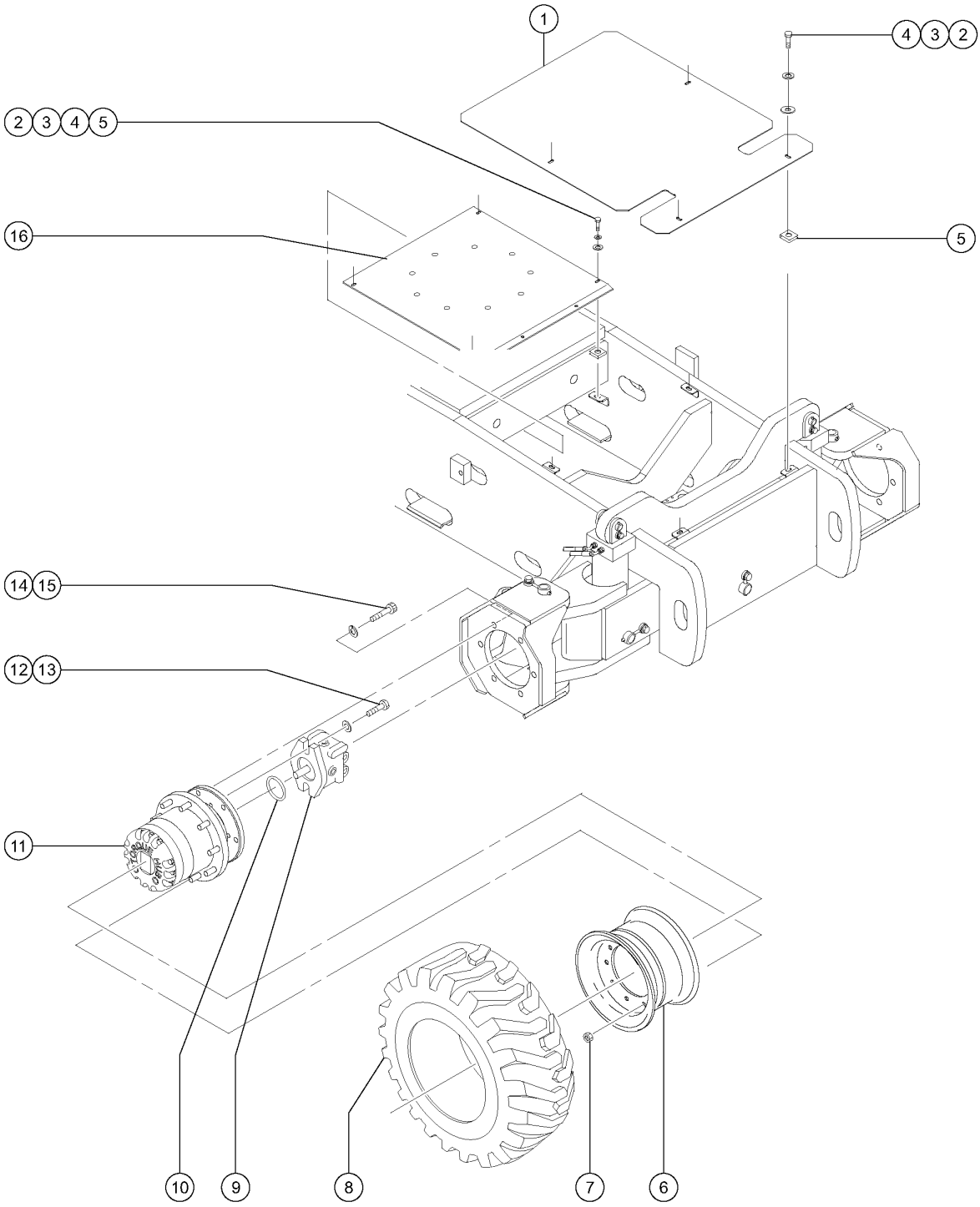
Item	Part No.	Description	Qty.
1	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	1
2	825019GT	ROD END, .375X3.69, ZAG	
3	6708GT	SCREW,HHC,3/8-16 X 2.25	
4	5397GT	WASHER, FLAT, USS, 5/16-18	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	19440GT	PIN,CLEVIS,1 X 2.5 LG	4
7	74389GT	RUE RING 1.00	4
8	19440GT	PIN,CLEVIS,1 X 2.5 LG	2
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	
17	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
18	52706-SGT	FRONT AXLE ASSY,WIDE,Z45/25 IC Wide Models; includes items 10 and 17	1
18-	52735GT	FRONT AXLE ASSY,NRRW,Z45/25 Narrow Models; includes items 10 and 17	
19	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	
20	52734-SGT	YOKE ASSY.RH'2WD'Z45IC includes 2 of item 10	1
21	54557GT	SHIM,AXLE PIN,1.50"	
22	50328-SGT	TIE ROD WELDMENT Wide Models	1
22	229798GT	TIE ROD WELDMENT, NARROW	1

203.1 Steer Axle Wheels, Motors and Hubs



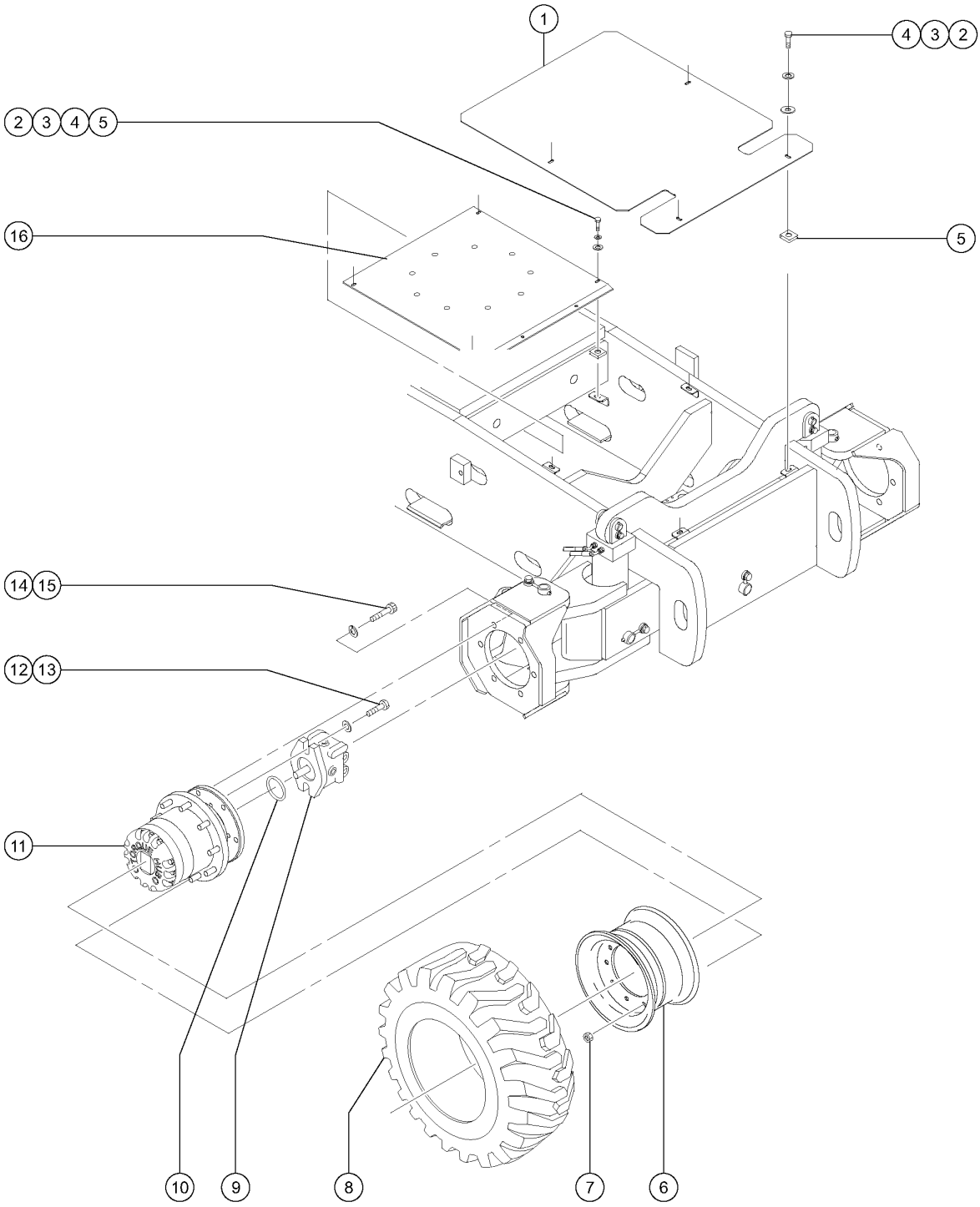
Item	Part No.	Description	Qty.
1	52731GT	COVER W/DECALS,STEER,OSC,Z45 Oscillate Models	1
2	6888GT	SCREW, HHC, 1/4-20 X 1	
3	6356GT	WASHER, LOCK, .25	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
6A	50919GT	WHEEL,17.50 X 10.5(9 HOLES)63# 4WD; to SN 22430	2
6A-	94660GT	WHEEL 24.5X11.75-9 HOLE 4WD; from SN 22431	2
6B	50943GT	WHEEL,17.50 X 10.5,8 HOLE/8 BC 2WD; to SN 22430	2
6B-	94661GT	WHEEL 24.5X11.75-8 HOLE,AIR 2WD; from SN 22431	2
7	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	
8A	50920GT	WHEEL/TIRE ASSEMBLY,RR/LF 248# to SN 22430; RT, Air-filled	2
8A-	50955GT	WHEEL & TIRE ASSY,LR/RF 248# to SN 22430; RT, Air-filled	
8A-	60085GT	WHEEL &TIRE ASSEMBLY,RR/LF,FM to SN 22430; RT, Foam-filled	
8A-	60084GT	WHEEL &TIRE ASSEMBLY,LR/RF,FM to SN 22430; RT, Foam-filled	
8A-	54611GT	WHEEL&TIRE,LR/RF,AIR,RT,N/MARK to SN 22430; RT, Air-filled, Non-marking	
8A-	54610GT	WHEEL&TIRE,RR/LF,AIR,RT,N/MARK to SN 22430; RT, Air-filled, Non-marking	
8A-		WHEEL&TIRE,RR/LF,FOA,RT,N/MARK No longer used, replaced by 94670	
8A-	94670GT	WHEEL & TIRE ASSY,RR/LF,FF,NM to SN 22430; RT, Foam-filled, Non-marking	
8A-		WHEEL&TIRE,LR/RF,FOA,RT,N/MARK No longer used, replaced by 94671	
8A-	94671GT	WHEEL & TIRE ASSY,LR/RF,FF,NM to SN 22430; RT, Foam-filled, Non-marking	
8A-	60059GT	TIRE,14-17.5 NHS,RT,14PLY,112# to SN 22430; RT	
8A-	54614GT	TIRE,14-17.5,NHS,N/MARK,14PLY to SN 22430; RT, Non-marking	
8A-	110712GT	TIRE/WHEEL ASSY,RH W/SEALANT,RT to SN 22430; RT, Low-profile, Air-filled with Sealant (LR/RF)	
8A-	110713GT	TIRE/WHEEL ASSY,LH W/SEALANT,RT to SN 22430; RT, Low-profile, Air-filled with Sealant (RR/LF)	
8A-	110718GT	TIRE/WHEEL ASSY,RT NM W/SEALAN to SN 22430; RT, Low-profile, Air-filled with Sealant, Non-marking (LR/RF)	
8A-	110719GT	TIRE/WHEEL ASSY,RT NM W/SEALAN to SN 22430; RT, Low-profile, Air-filled with Sealant, Non-marking (RR/LF)	
8B	94656GT	WHEEL & TIRE ASSY,RR/LF,AIR from SN 22431; RT, Low-profile, Air-filled	2
8B-	94657GT	WHEEL & TIRE ASSY,LR/RF,AIR from SN 22431; RT, Low-profile, Air-filled	

203.1 Steer Axle Wheels, Motors and Hubs



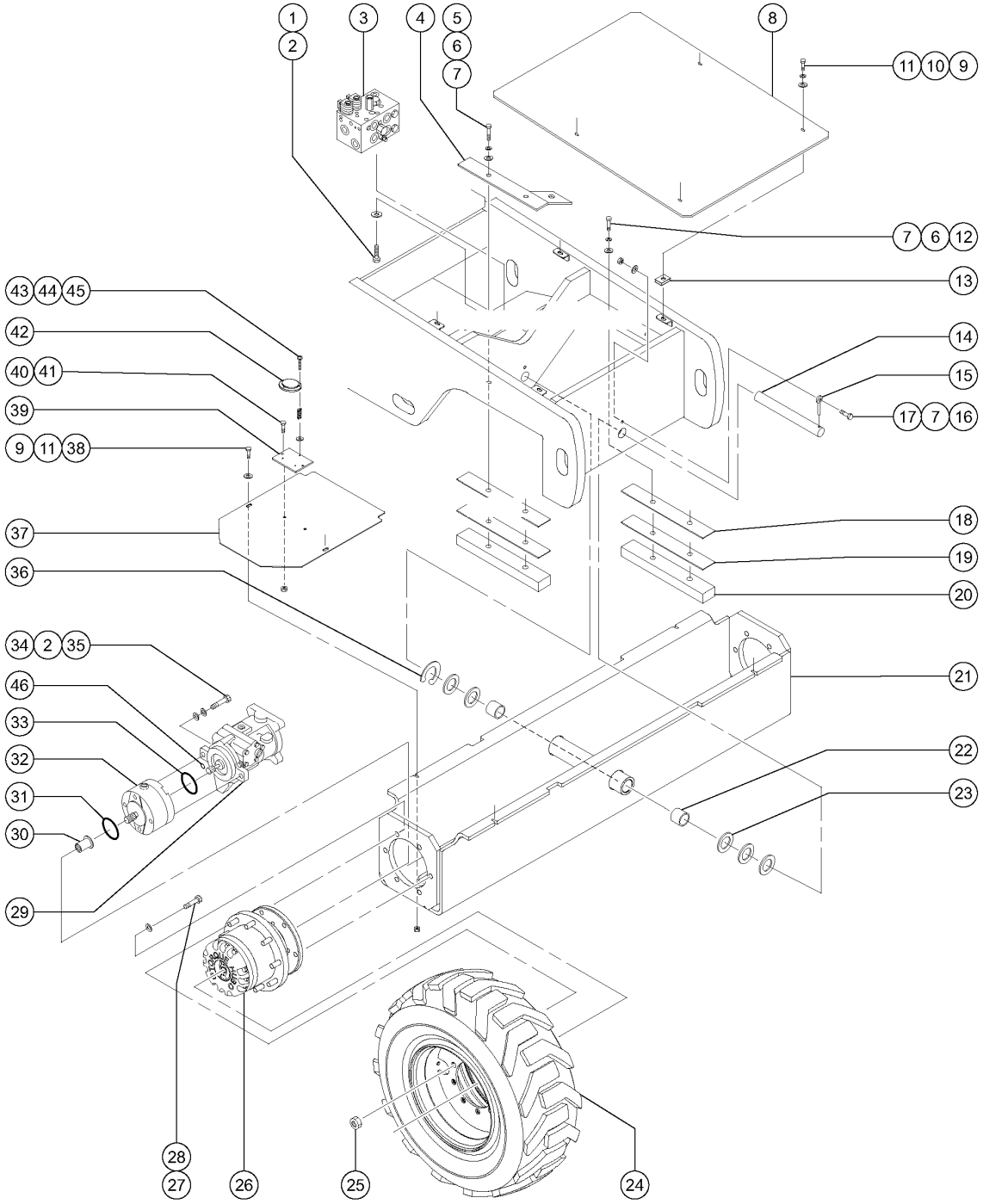
Item	Part No.	Description	Qty.
8B-	94662GT	WHEEL & TIRE ASSY,RR/LF,FF from SN 22431; RT, Low-profile, Foam-filled	
8B-	94663GT	WHEEL & TIRE ASSY,LR/RF,FF from SN 22431; RT, Low-profile, Foam-filled	
8B-	94667GT	WHEEL & TIRE ASSY,LR/RF,AIR,NM from SN 22431; RT, Low-profile, Air-filled, Non-marking	
8B-	94666GT	WHEEL & TIRE ASSY,RR/LF,AIR,NM from SN 22431; RT, Low-profile, Air-filled, Non-marking	
8B-	94670GT	WHEEL & TIRE ASSY,RR/LF,FF,NM from SN 22431; RT, Low-profile, Foam-filled, Non-marking	
8B-	94671GT	WHEEL & TIRE ASSY,LR/RF,FF,NM from SN 22431; RT, Low-profile, Foam-filled, Non-marking	
8B-	110712GT	TIRE/WHEEL ASSY,RH W/SEALANT,RT from SN 22431; RT, Low-profile, Air-filled with Sealant (LR/RF)	
8B-	110713GT	TIRE/WHEEL ASSY,LH W/SEALANT,RT from SN 22431; RT, Low-profile, Air-filled with Sealant (RR/LF)	
8B-	110718GT	TIRE/WHEEL ASSY,RT NM W/SEALAN from SN 22431; RT, Low-profile, Air-filled with Sealant, Non-marking (LR/RF)	
8B-	110719GT	TIRE/WHEEL ASSY,RT NM W/SEALAN from SN 22431; RT, Low-profile, Air-filled with Sealant, Non-marking (RR/LF)	
8B-	88728GT	TIRE,355/55D625	
8B-	94536GT	TIRE,355/55D625,14 PLY,NM	
9	33432GT	MOTOR,HYD,25CC FIXED***	2
9-	32675GT	SEAL KIT,SUNSTRAND	
10	52087GT	O-RING,2-044 BUNA***	2
11A	20193GT	TORQUE HUB,35:1*** 4WD models (Seal Kit 1286606, Bearing Kit 1286607)	2
11A-	1286606GT	SEAL KIT,TORQUE HUB (20193)	
11A-	1286606GT	SEAL KIT,TORQUE HUB (20193) for20193	
11A-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	
11A-	21143GT	BEARING KIT (45553) TORQUE HUB for 20193 (inventory limited to stock on hand as component is no longer available)	
11A-	1286607GT	BEARING KIT,TORQUE HUB (20193) for 20193	
11A-	58438GT	KIT,COVER,TORQUE HUB,45553***	
11A-	37097GT	O-RING, TORQUE HUB	
11A-	21148GT	WASHER,THRUST,TORQUE HUB	
11A-	21146GT	COVER CAP,TORQUE HUB***	
11A-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB	
11A-	21145GT	DISCONNECT ROD-45553 TQ.HUB	
11A-	58438GT	KIT,COVER,TORQUE HUB,45553***	

203.1 Steer Axle Wheels, Motors and Hubs



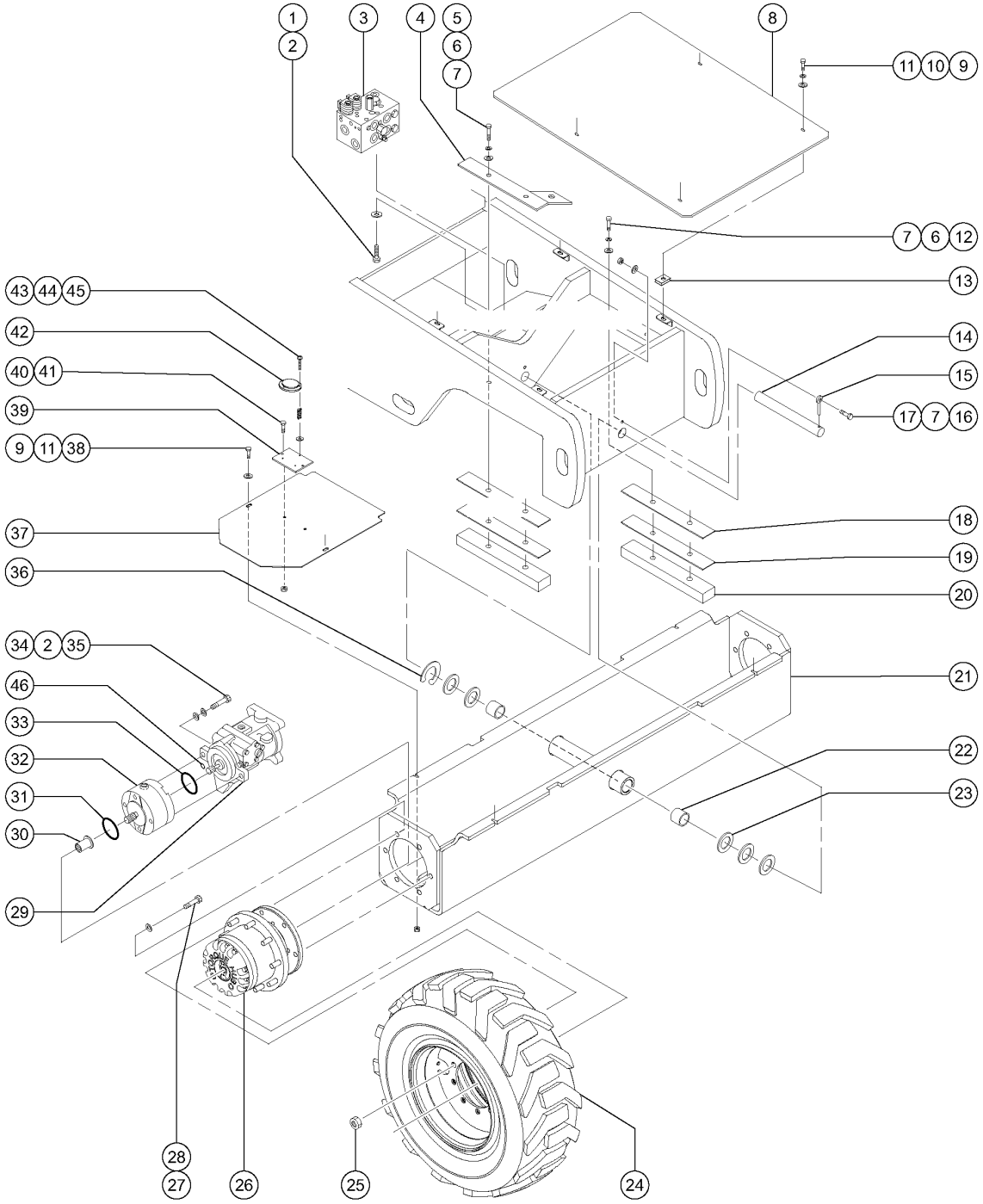
Item	Part No.	Description	Qty.
11A-	58589GT	THRUST CAP (20193)	
11B	54840GT	HUB ASSEMBLY,9 BOLT*** 2WD models	2
11B-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	
11B-	45873GT	SEAL/BEARING KIT (45043,54840)	
11B-	54959GT	CAP,DUST (54840 HUB ASSY)	
11B-	45114GT	PIN,COTTER,.219 X 1.75	
11B-	45113GT	NUT,SPINDLE,1-14	
11B-	45112GT	WASHER,SPINDLE	
11B-	54962GT	BEARING,OUTER,9 BOLT HUB***	
11B-	54961GT	BEARING,INNER,9 BOLT HUB***	
11B-	54960GT	SEAL-GREASE,9-BOLT HUB 54840	
12	22788GT	SCREW,HHC,1/2-13 X 1.75	
13	6033GT	WASHER,LOCK,0.5"	
14	28117GT	SCREW,SHC,5/8-11 X 1.5	12
15	13064GT	WASHER,FLAT,.625 HARDENED	12
16	50028PGT	FORMING,BELLY PAN,PAINTED to SN 23331	1
16-	120269GT	FORMING,BELLY PAN from SN 23332	1

204.1 Non-steer Axle Wheels and Hubs



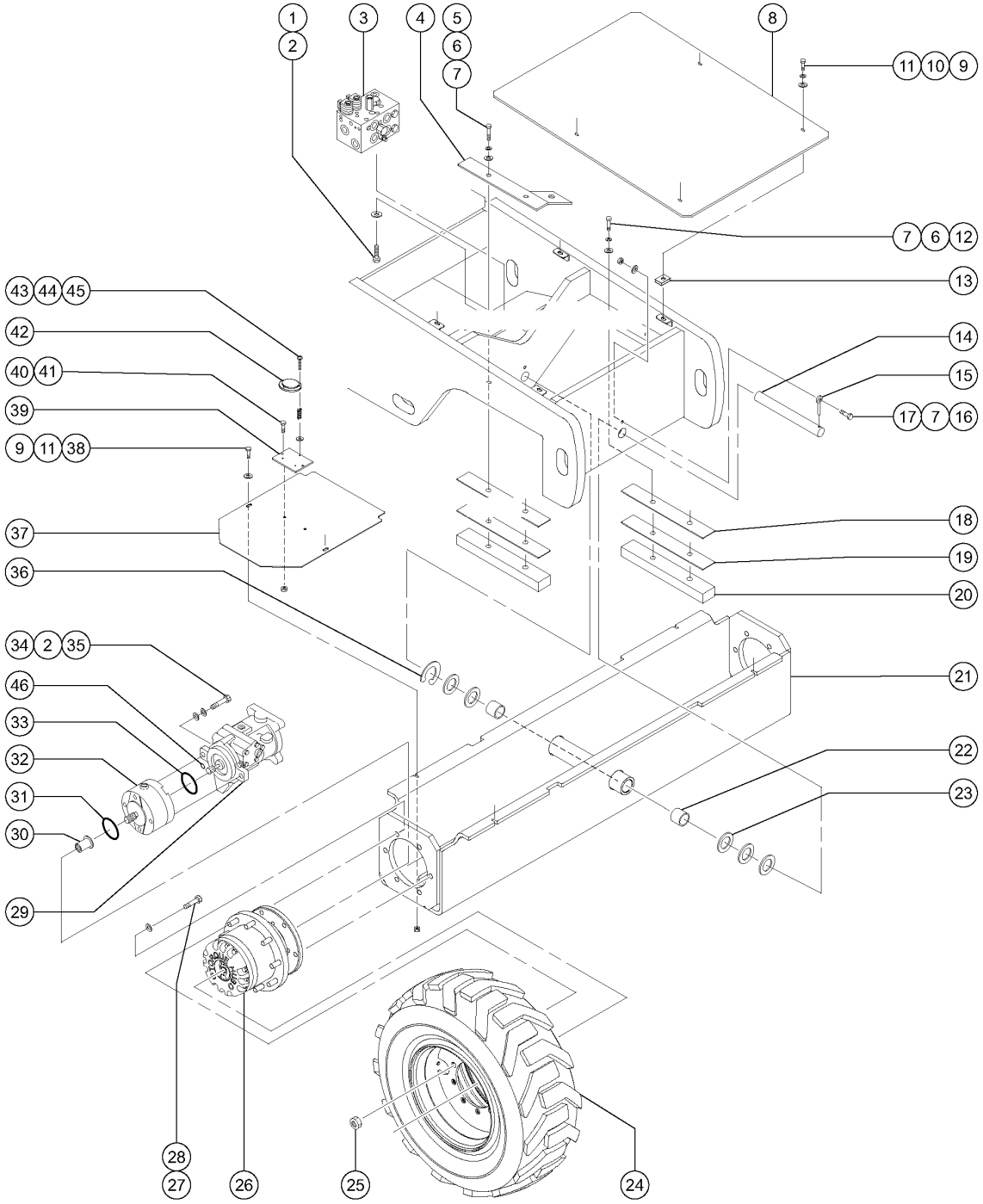
Item	Part No.	Description	Qty.
1	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
2	6033GT	WASHER,LOCK,0.5"	
3		Ref. MANIFOLD, 4WD (refer to 702.1)	1
4		Ref. PLATE,BRACKET,OSC VALVE oscillate models (refer to 205.1)	1
5	6708GT	SCREW,HHC,3/8-16 X 2.25 Non-oscillate Models	
5	14033GT	SCREW, HHC, 3/8-16 X 2.75 Oscillate Models	
6	6021GT	WASHER, LOCK, .375	
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8	52707-SGT	COVR W/DECALS,NON-STEER Z45/25	1
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	6356GT	WASHER, LOCK, .25	
11	6638GT	WASHER, FLAT, USS, 1/4"Y	
12	6708GT	SCREW,HHC,3/8-16 X 2.25	
13	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
14	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	1
15	825019GT	ROD END, .375X3.69, ZAG	
16	6175GT	SCREW,HHC,3/8-16 X 1	
17	4828GT	NUT, NYLOCK, 3/8-16	
18	50669GT	SHIM,AXLE ROTATION STOP,22GA	
19	119210GT	SHIM,AXLE ROTATION STOP,12GA	
20	50668GT	BAR,AXLE ROTATION STOP,NON-OSC	
20	50667GT	BAR,AXLE ROTATION STOP,OSC Oscillate Models	
21	77243GT	FORMED AXLE,WIDE,W/BEARINGS includes 2 of item 22	1
21	110185GT	REAR AXLE,ASSY WIDE,W/BEARINGS includes 2 of item 22	1
21	77302GT	AXLE ASSY,NON-STR,NARROW BASE includes 2 of item 22	
22	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
23	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
24A	50920GT	WHEEL/TIRE ASSEMBLY,RR/LF 248# from SN 21179 to 22430; RT, Air-filled	2

204.1 Non-steer Axle Wheels and Hubs



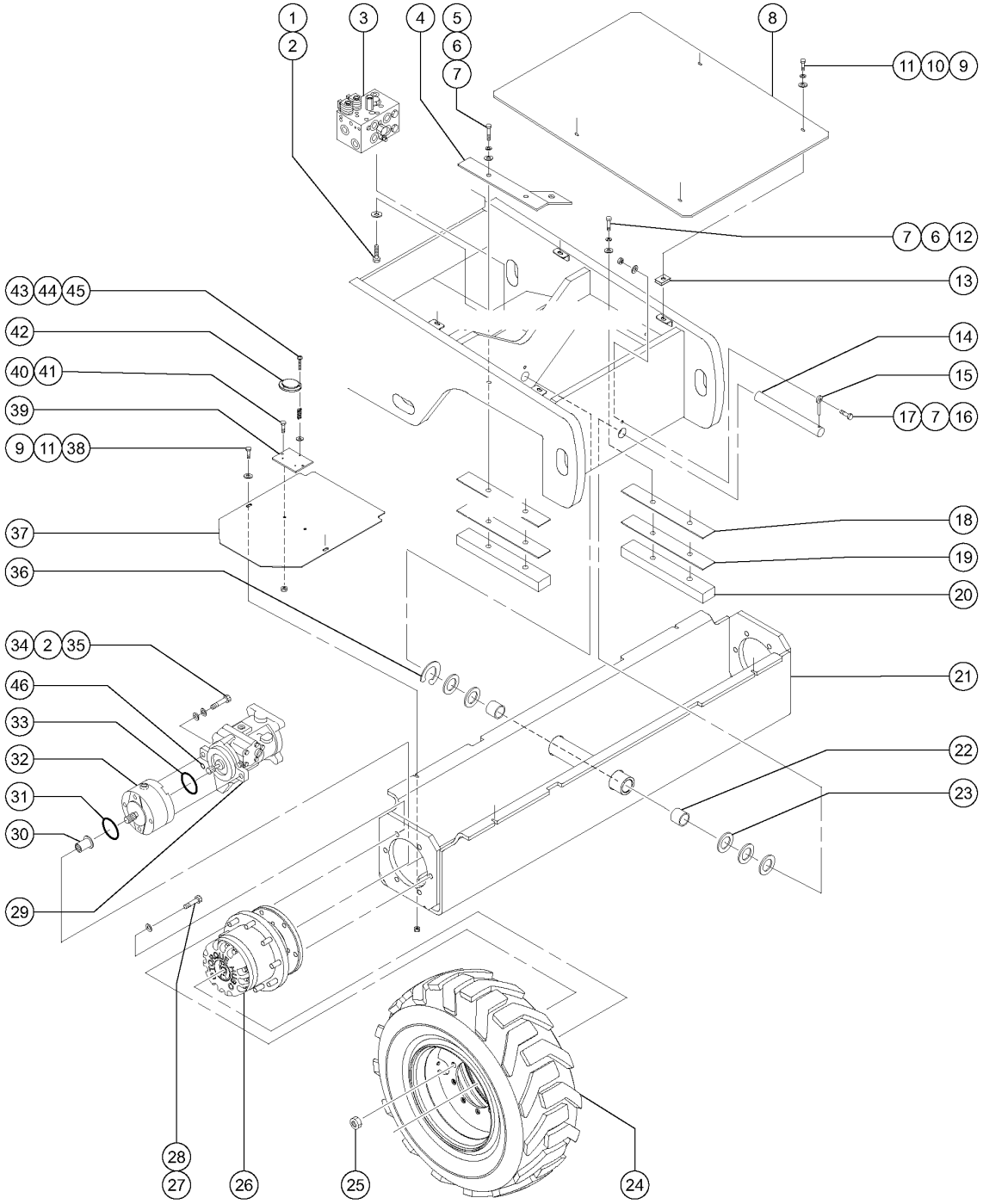
Item	Part No.	Description	Qty.
24A-	50955GT	WHEEL & TIRE ASSY,LR/RF 248# from SN 21179 to 22430; RT, Air-filled	
24A-	60085GT	WHEEL &TIRE ASSEMBLY,RR/LF,FM from SN 21179 to 22430; RT, Foam-filled	
24A-	60084GT	WHEEL &TIRE ASSEMBLY,LR/RF,FM from SN 21179 to 22430; RT, Foam-filled	
24A-	1267780GT	TIRE/WH ASSY,9 LG,FOAM,NS REAR from SN 21179 to 22430; Industrial, Foam-filled (non-steer end)	
24A-	1267782GT	TIRE/WH ASSY,9LG,NM,FOAM,NS RE from SN 21179 to 22430; Industrial, Foam-filled, Non-marking (non-steer end)	
24A-	54611GT	WHEEL&TIRE,LR/RF,AIR,RT,N/MARK from SN 21179 to 22430; RT, Air-filled, Non-marking	
24A-	54610GT	WHEEL&TIRE,RR/LF,AIR,RT,N/MARK from SN 21179 to 22430; RT, Air-filled, Non-marking	
24A-		WHEEL&TIRE,RR/LF,FOA,RT,N/MARK No longer used, replaced by 94670	
24A-	94670GT	WHEEL & TIRE ASSY,RR/LF,FF,NM from SN 21179 to 22430; RT, Foam-filled, Non-marking	
24A-		WHEEL&TIRE,LR/RF,FOA,RT,N/MARK No longer used, replaced by 94671	
24A-	94671GT	WHEEL & TIRE ASSY,LR/RF,FF,NM from SN 21179 to 22430; RT, Foam-filled, Non-marking	
24A-	60059GT	TIRE,14-17.5 NHS,RT,14PLY,112# from SN 21179 to 22430; RT	
24A-	54614GT	TIRE,14-17.5,NHS,N/MARK,14PLY from SN 21179 to 22430; RT, Non-marking	
24A-	54140GT	TUBELESS PNEUMATIC TIRE,9-14LT from SN 21179 to 22430; Industrial	
24A-	54234GT	TUBELESS TIRE,9-14.5,NON-M 47# from SN 21179 to 22430; Industrial, Non-marking	
24A-	50919GT	WHEEL,17.50 X 10.5(9 HOLES)63# from SN 21179 to 22430	
24A-	54139GT	WHEEL,14.5 X 7 from SN 21179 to 22430	
24A-	110712GT	TIRE/WHEEL ASSY,RH W/SEALANT,RT from SN 21179 to 22430; RT, Low-profile, Air-filled with Sealant (LR/RF)	
24A-	110713GT	TIRE/WHEEL ASSY,LH W/SEALANT,RT from SN 21179 to 22430; RT, Low-profile, Air-filled with Sealant (RR/LF)	
24A-	110718GT	TIRE/WHEEL ASSY,RT NM W/SEALAN from SN 21179 to 22430; RT, Low-profile, Air-filled with Sealant, Non-marking (LR/RF)	
24A-	110719GT	TIRE/WHEEL ASSY,RT NM W/SEALAN from SN 21179 to 22430; RT, Low-profile, Air-filled with Sealant, Non-marking (RR/LF)	
24B	94656GT	WHEEL & TIRE ASSY,RR/LF,AIR from SN 22431; RT, Low-profile, Air-filled	2
24B-	94657GT	WHEEL & TIRE ASSY,LR/RF,AIR from SN 22431; RT, Low-profile, Air-filled	
24B-	94662GT	WHEEL & TIRE ASSY,RR/LF,FF from SN 22431; RT, Low-profile, Foam-filled	
24B-	94663GT	WHEEL & TIRE ASSY,LR/RF,FF from SN 22431; RT, Low-profile, Foam-filled	
24B-	94667GT	WHEEL & TIRE ASSY,LR/RF,AIR,NM from SN 22431; RT, Low-profile, Air-filled, Non-marking	
24B-	94666GT	WHEEL & TIRE ASSY,RR/LF,AIR,NM from SN 22431; RT, Low-profile, Air-filled, Non-marking	
24B-	94670GT	WHEEL & TIRE ASSY,RR/LF,FF,NM from SN 22431; RT, Low-profile, Foam-filled, Non-marking	

204.1 Non-steer Axle Wheels and Hubs



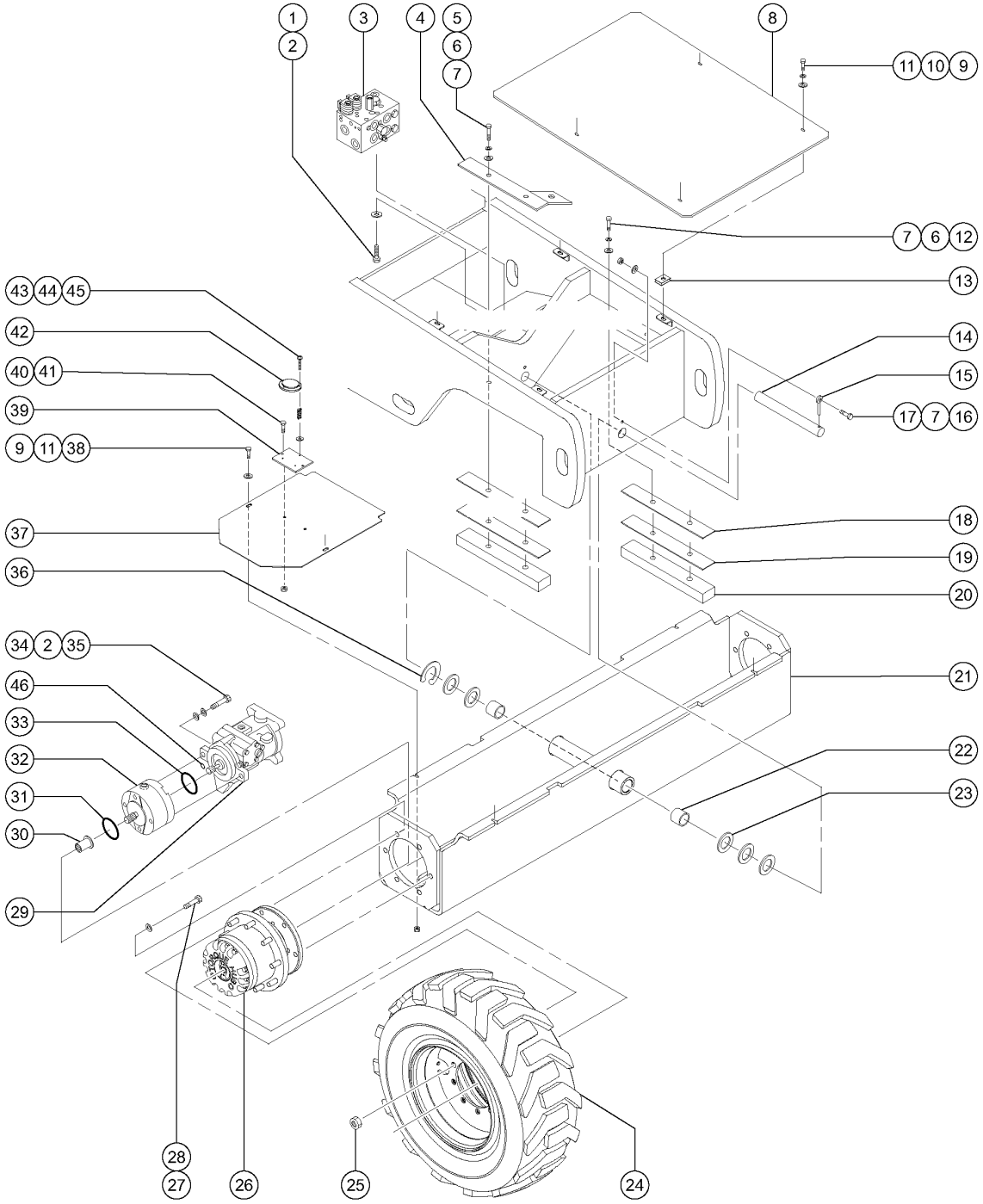
Item	Part No.	Description	Qty.
24B-	94671GT	WHEEL & TIRE ASSY,LR/RF,FF,NM from SN 22431; RT, Low-profile, Foam-filled, Non-marking	
24B-	110712GT	TIRE/WHEEL ASSY,RH W/SEALANT,RT from SN 22431; RT, Low-profile, Air-filled with Sealant (LR/RF)	
24B-	110713GT	TIRE/WHEEL ASSY,LH W/SEALANT,RT from SN 22431; RT, Low-profile, Air-filled with Sealant (RR/LF)	
24B-	110718GT	TIRE/WHEEL ASSY,RT NM W/SEALAN from SN 22431; RT, Low-profile, Air-filled with Sealant, Non-marking (LR/RF)	
24B-	110719GT	TIRE/WHEEL ASSY,RT NM W/SEALAN from SN 22431; RT, Low-profile, Air-filled with Sealant, Non-marking (RR/LF)	
24B-	88728GT	TIRE,355/55D625	
24B-	94536GT	TIRE,355/55D625,14 PLY,NM Non-marking	
25	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	
26	56338GT	TORQUE HUB,47:1 W1 "B" MOUNT**	2
26-	1286606GT	SEAL KIT,TORQUE HUB (20193)	
26-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 56338	
26-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** for 56338	
26-	21143GT	BEARING KIT (45553) TORQUE HUB for 56338	
26-	58448GT	KIT,TORQUE HUB COVER (45553)** for 56338	
26-	58438GT	KIT,COVER,TORQUE HUB,45553*** for 56338	
26-	74099GT	DISCONNECT ROD (56338) for 56338	
26-	37097GT	O-RING, TORQUE HUB for 56338	
26-	21148GT	WASHER,THRUST,TORQUE HUB for 56338	
26-	21146GT	COVER CAP,TORQUE HUB*** for 56338	
26-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB for 56338	
26-	21145GT	DISCONNECT ROD-45553 TQ.HUB to SN 22501	
26A	106148GT	WHEEL DRIVE,4HB,48:1*** 4WD; from SN 22502 to 23811; change in wheel drive requires replacement of both drive hubs at first-time replacement; after first-time replacement, refer to 'for 106148' below (Seal Kit 1286600, Bearing Kit 1286601)	2
26A	106148GT	WHEEL DRIVE,4HB,48:1*** 2WD; from SN 22502 to 24007; change in wheel drive requires replacement of both drive hubs at first-time replacement; after first-time replacement, refer to 'for 106148' below	2
26A-	128839GT	PIPE PLUG,.563 MAG*** for 106148	
26A-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** for 74097 and 106148	
26A-	74714GT	BEARING KIT-74097 TORQUE HUB** for 74097, 106148 (inventory limited to stock on hand as component is no longer available), replace by 1286601GT	
26A-	1286601GT	BEARING KIT,WHEEL DRIVE (106148/106445/107712) for 74097 and 106148	

204.1 Non-steer Axle Wheels and Hubs



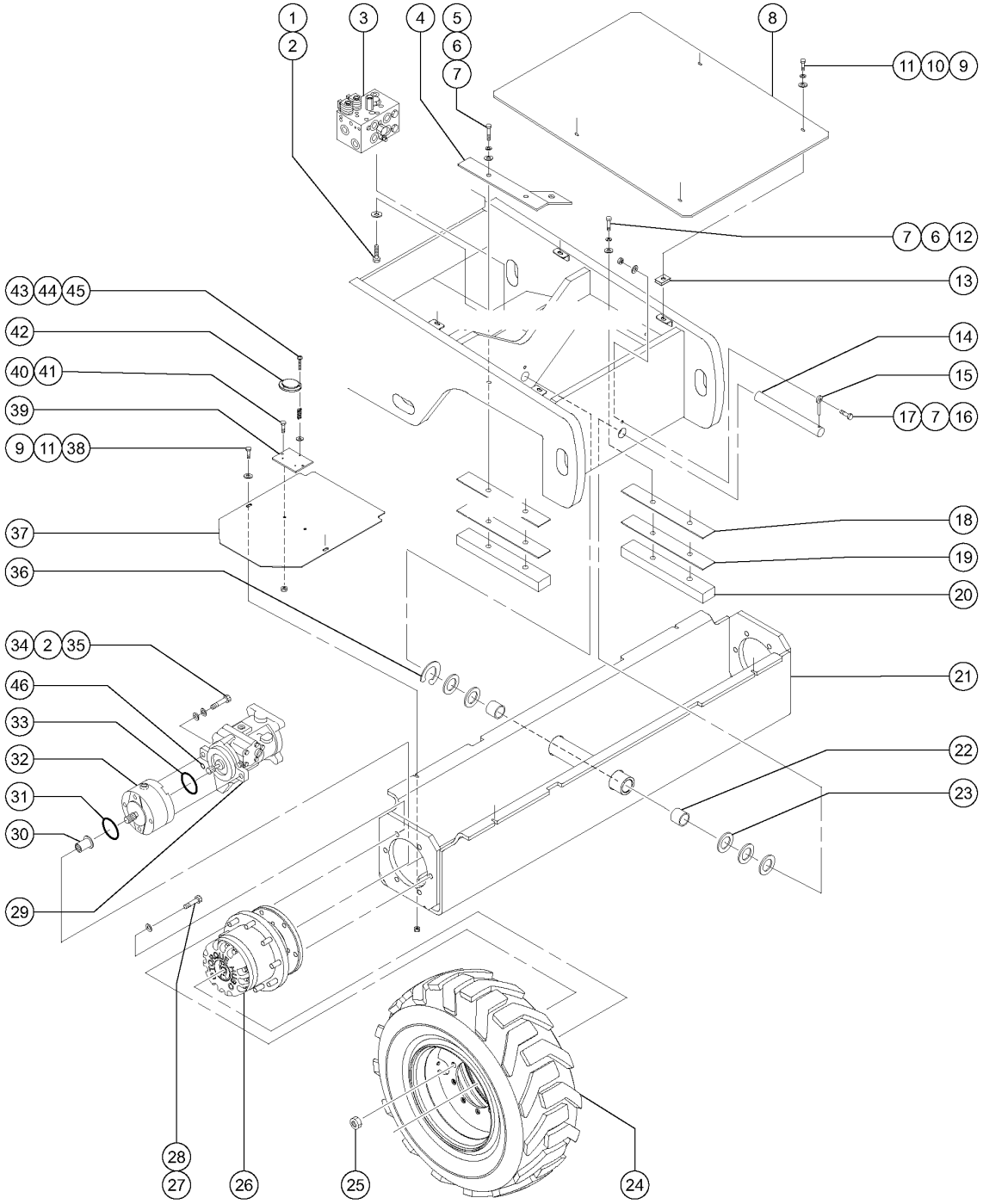
Item	Part No.	Description	Qty.
26A-	106121GT	ROD,DISCONNECT 4HP/4HB*** for 106148	
26A-	106122GT	CAP,DISENGAGE,4HP/4HB*** for 74097 and 106148	
26A-	106123GT	O-RING,END COVER,4HP/4HB*** for 106148	
26A-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) for 106148 (inventory limited to stock on hand as component is no longer available), replace by 1286603GT	
26A-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) for 106148	
26A-	83110GT	COVER END,TORQUE HUB (74097) for 74097	
26A-	58448GT	KIT,TORQUE HUB COVER (45553)** for 74097	
26A-	58438GT	KIT,COVER,TORQUE HUB,45553*** for 74097	
26A-	37097GT	O-RING, TORQUE HUB for 74097	
26A-	58237GT	PLUG,TORQUE HUB,DRAIN*** for 74097	
26A-	58428GT	DISCONNECT ROD (74097) for 74097	
26A-	1302087GT	O-RING (9400134)	
26A-	72307GT	SEAL KIT, TORQUE HUB(74097)* for 74097	
26A-	74375GT	WASHER,THRUST,TORQUE HUB,74097 for 74097	
26A-	74714GT	BEARING KIT-74097 TORQUE HUB** for 74097	
26B	101584GT	WHEEL DRIVE W/BRAKE 57:1 4WD; from SN 23812 (Seal Kit 1286602, Bearing Kit 1286603)	2
26B-	106119GT	SEAL KIT, GEARBOX, 4HP for 101584	
26B-	106120GT	WHEEL STUD, 4HP, 5/8-18*** for 101584	
26B-	106121GT	ROD,DISCONNECT 4HP/4HB*** for 101584	
26B-	106122GT	CAP,DISENGAGE,4HP/4HB*** for 101584	
26B-	106123GT	O-RING,END COVER,4HP/4HB*** for 101584	
26B-	106124GT	LINING KIT, BRAKE, 4HP*** for 101584	
26B-	106125GT	SEAL KIT, BRAKE, 4HP for 101584 (inventory limited to stock on hand as component is no longer available), replace by 1286602GT	
26B-	1286602GT	SEAL KIT,WHEEL DRIVE W/BRAKE (101584/101585)	
26B-	58320GT	KIT,TORQUE HUB COVER(101584)**	
26B-	232486GT	SNAP RING,WHEEL DRIVE	
26C	106148GT	WHEEL DRIVE,4HB,48:1*** 2WD	2

204.1 Non-steer Axle Wheels and Hubs



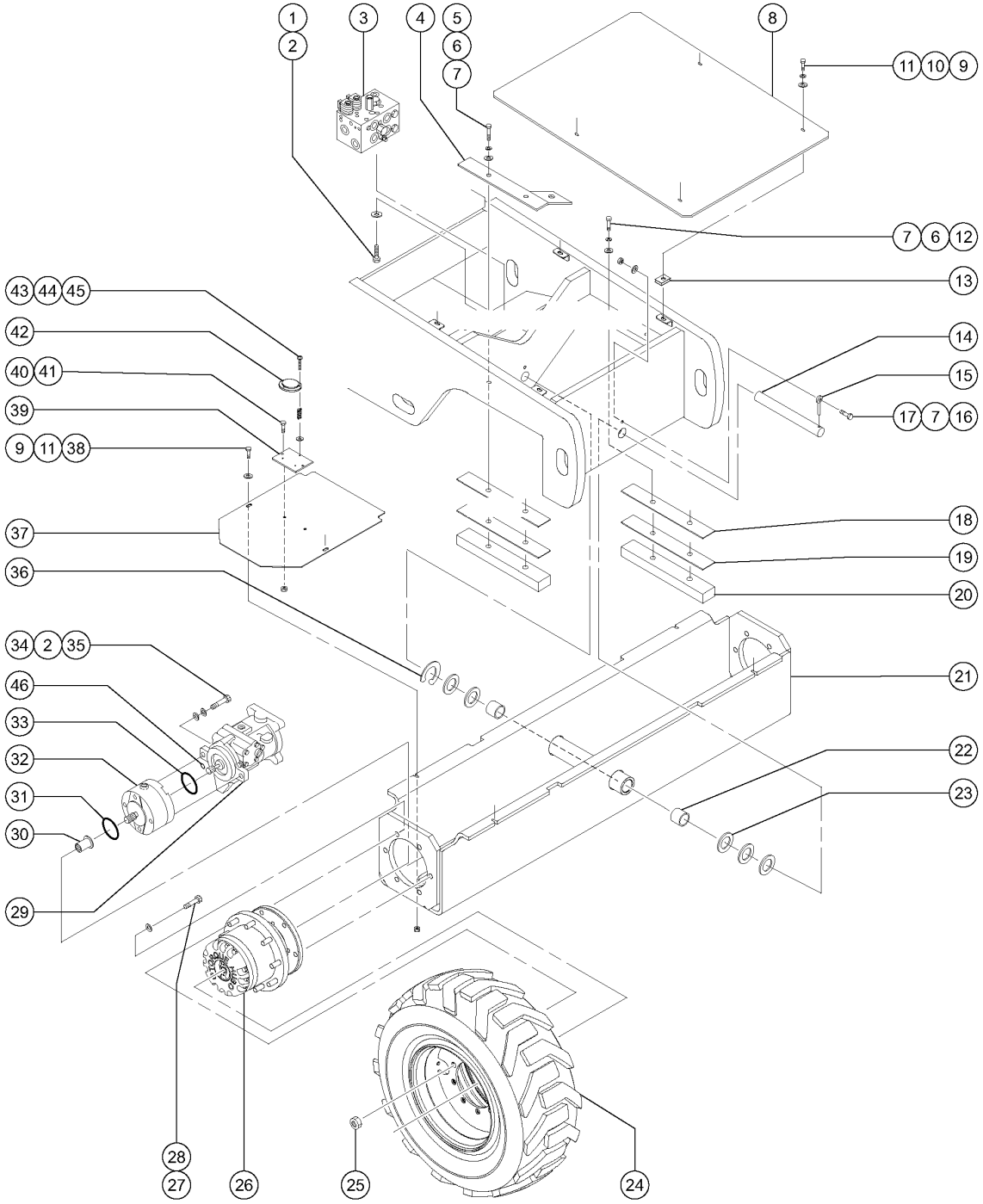
Item	Part No.	Description	Qty.
26C-	58320GT	KIT,TORQUE HUB COVER(101584)** for 106148	
26C-	215777GT	INPUT CARRIER, SUB-ASSEMBLY for 106148	
26C-	106117GT	O-RING,2-010,VITON for 106148 (Mating O-ring for Brake Port)(Extremely small)	
26C-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) for 106148	
26C-	106120GT	WHEEL STUD, 4HP, 5/8-18*** for 106148	
26C-	106121GT	ROD,DISCONNECT 4HP/4HB*** for 106148	
26C-	106122GT	CAP,DISENGAGE,4HP/4HB*** for 106148	
26C-	106123GT	O-RING,END COVER,4HP/4HB*** for 106148	
26C-	106124GT	LINING KIT, BRAKE, 4HP*** for 106148	
26C-	106125GT	SEAL KIT, BRAKE, 4HP for 106148 (inventory limited to stock on hand as component is no longer available), replace by 1286602GT	
26C-	1286602GT	SEAL KIT,WHEEL DRIVE W/BRAKE (101584/101585)	
26C-	1286603GT	BEARING KIT,WHEEL DRIVE W/BRAKE (101584/101585)	
26C-	146051GT	BEARING NUT*** for 106148	
26C-	232486GT	SNAP RING,WHEEL DRIVE for 106148	
26C-	146052GT	SET SCREW*** for 146051	
26C-	9990074GT	COUPLING for 106148 (brake coupler)	
26C-	101584GT	WHEEL DRIVE W/BRAKE 57:1 2WD (Seal Kit 1286602, Bearing Kit 1286603)	2
26C-	58320GT	KIT,TORQUE HUB COVER(101584)** for 101584	
26C-	215777GT	INPUT CARRIER, SUB-ASSEMBLY for 101584	
26C-	106117GT	O-RING,2-010,VITON for 101584 (Mating O-ring for Brake Port)(Extremely small)	
26C-	106119GT	SEAL KIT, GEARBOX, 4HP for 101584	
26C-	106120GT	WHEEL STUD, 4HP, 5/8-18*** for 101584	
26C-	106121GT	ROD,DISCONNECT 4HP/4HB*** for 101584	
26C-	106122GT	CAP,DISENGAGE,4HP/4HB*** for 101584	
26C-	106123GT	O-RING,END COVER,4HP/4HB*** for 101584	
26C-	106124GT	LINING KIT, BRAKE, 4HP*** for 101584	
26C-	106125GT	SEAL KIT, BRAKE, 4HP for 101584 (inventory limited to stock on hand as component is no longer available), replace by 1286602GT	

204.1 Non-steer Axle Wheels and Hubs



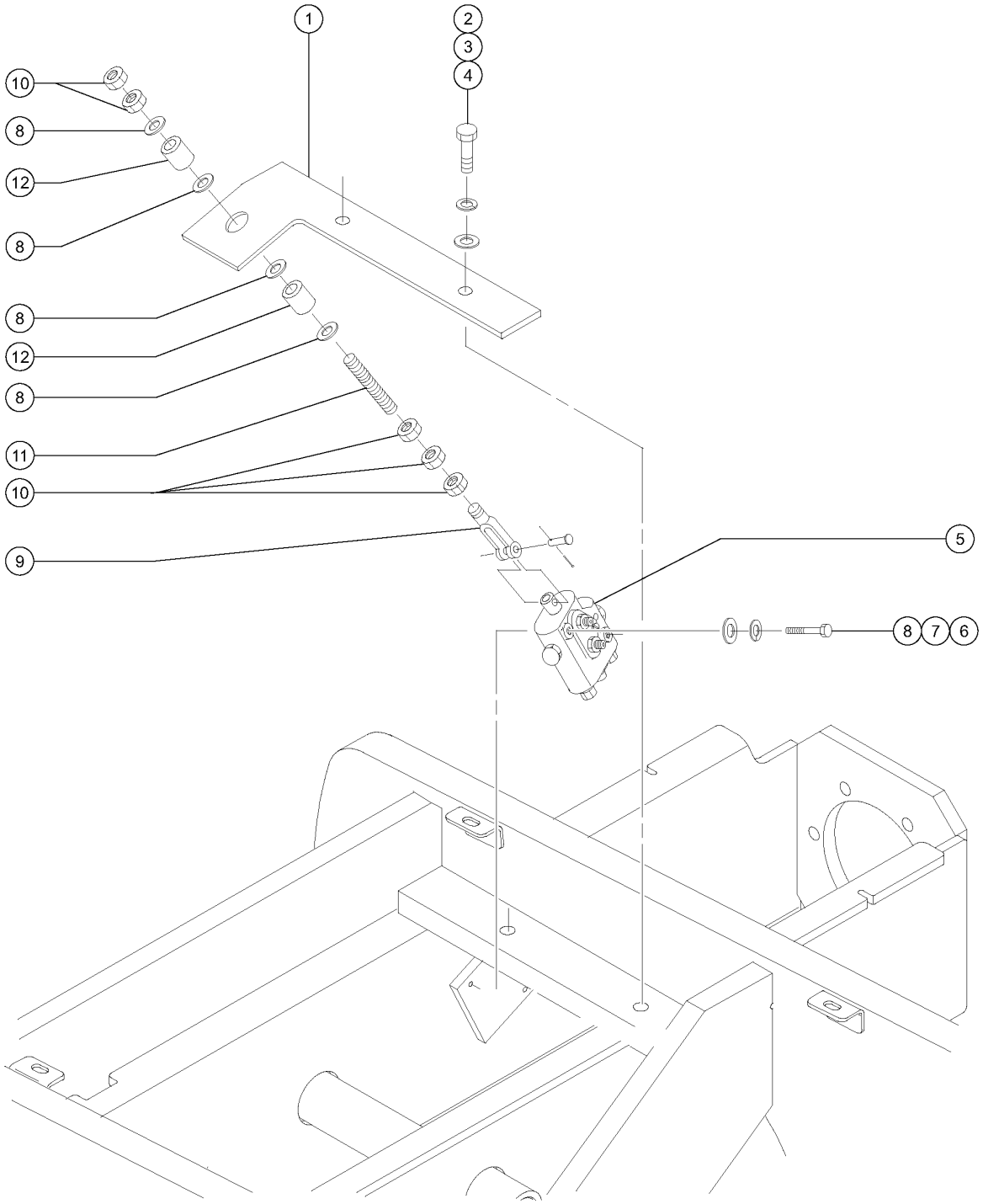
Item	Part No.	Description	Qty.
26C-	1286602GT	SEAL KIT,WHEEL DRIVE W/BRAKE (101584/101585) for 101584	
26C-	1286603GT	BEARING KIT,WHEEL DRIVE W/BRAKE (101584/101585) for 106148	
26C-	146051GT	BEARING NUT*** for 101584	
26C-	146052GT	SET SCREW*** for 146051	
27A	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	12
27B	19418GT	SCREW,SHC,5/8-11 X 1.75	
27C	28117GT	SCREW,SHC,5/8-11 X 1.5 2WD	
28	13064GT	WASHER,FLAT,.625 HARDENED	12
29A	54412GT	MOTOR,HYD,LV35,VAR,10DEG,2WD 2WD	2
29A-	65534GT	SEAL KIT-DRIVE MOTOR (replaced 65609)	
29A-	27067GT	SEAL,SHAFT-SUNDSTRAND***	
29B	101587GT	MOTOR,PISTON,LC30,10 DEG,13T 2WD; from SN 24690	2
29B-	106098GT	SEAL KIT,MOTOR,LC/KC***	
29B-	27067GT	SEAL,SHAFT-SUNDSTRAND***	
29C	54411GT	MOTOR,HYD,LV35,VAR,1DEG,4WD 4WD; to SN 23811	2
29C-	65534GT	SEAL KIT-DRIVE MOTOR	
29C-	27067GT	SEAL,SHAFT-SUNDSTRAND***	
29D	106151GT	MOTOR,PISTON,LC30,1 DEG,13T 4WD; from SN 23812	2
29D-	106098GT	SEAL KIT,MOTOR,LC/KC*** 2WD models	
29D-	106118GT	O-RING,2-157,VITON*** O-ring on motor	
30	38113GT	COUPLER,INTERNAL SPLINE,T-HUB 2WD; to SN 24689	2
31	52087GT	O-RING,2-044 BUNA*** 2WD; to SN 24689	2
32A	106150GT	BRAKE,SAE B-B,900IN LB*** to SN 23301	2
32A-	65618GT	SEAL KIT,BRAKE*** for 106150 Ausco brake	
32A-	94880GT	BEARING KIT for 106150 Ausco brake	
32A-	106403GT	LINING KIT,BRK,WET*** for 106150 Ausco brake	
32A-	77240GT	SEAL KIT, AUSCO BRAKE*** for 74294 Ausco brake	
32A-	77239GT	LINING KIT,AUSCO BRAKE*** for 74294 Ausco brake	

204.1 Non-steer Axle Wheels and Hubs



Item	Part No.	Description	Qty.
32A-	65608GT	BEARING KIT, AUSCO*** ..... for 74294 Ausco brake	
32B	106150GT	BRAKE,SAE B-B,900IN LB*** ..... 4WD; from SN 23302 to SN 23811 (brake intergrated into drive hub from SN 23812)	2
32B-	65618GT	SEAL KIT,BRAKE***	
32B-	106403GT	LINING KIT,BRK,WET***	
32B-	94880GT	BEARING KIT	
32C	106150GT	BRAKE,SAE B-B,900IN LB*** ..... 2WD; from SN 23302 to SN 24689 (brake intergrated into drive hub from SN 24690)	2
32C-	65618GT	SEAL KIT,BRAKE***	
32C-	106403GT	LINING KIT,BRK,WET***	
32C-	94880GT	BEARING KIT	
33	22811GT	O-RING,MOTOR TO BRAKE*** ..... 2WD; to SN 24689	2
33	102158GT	O-RING,.103 X 4.737,VITON, 75D ..... 2WD; from SN 24690	2
34	42360GT	SCREW,SHC,1/2-13 X 4 ZINC	4
35	13066GT	WASHER,FLAT,.5 HARDENED	
36	54557GT	SHIM,AXLE PIN,1.50"	
37	77153GT	COVER,FORMED REAR AXLE,WIDE	2
38	6889GT	NUT,LP NYLOCK,1/4-20	
39	77152GT	BRACKET,BUBBLE LEVEL	1
40	6090GT	SCREW, HHC, 1/4-20 X .75	
41	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
42	77026GT	LEVEL,BUBBLE,2 DEGREE *	1
43	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
44	77027GT	SPRING,1X.31 ODX.040WIRE,SS	
45	6638GT	WASHER, FLAT, USS, 1/4"Y	
46	106117GT	O-RING,2-010,VITON ..... 2WD; from SN 24690	2

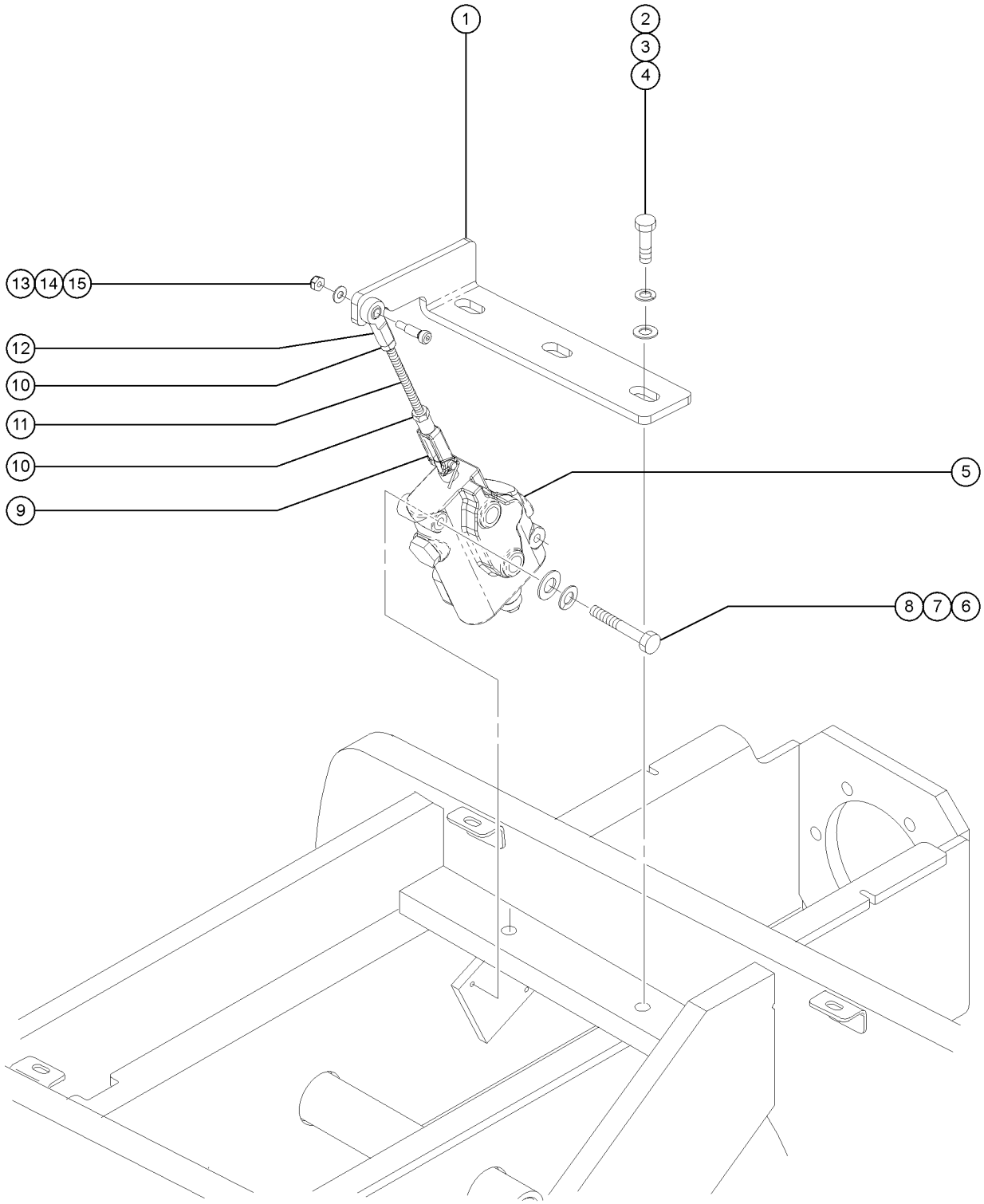
205.1 Oscillate Valve



205.1 Oscillate Valve

Item	Part No.	Description	Qty.
1		Ref., PLATE,BRACKET,OSC VALVE refer to 205.2	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

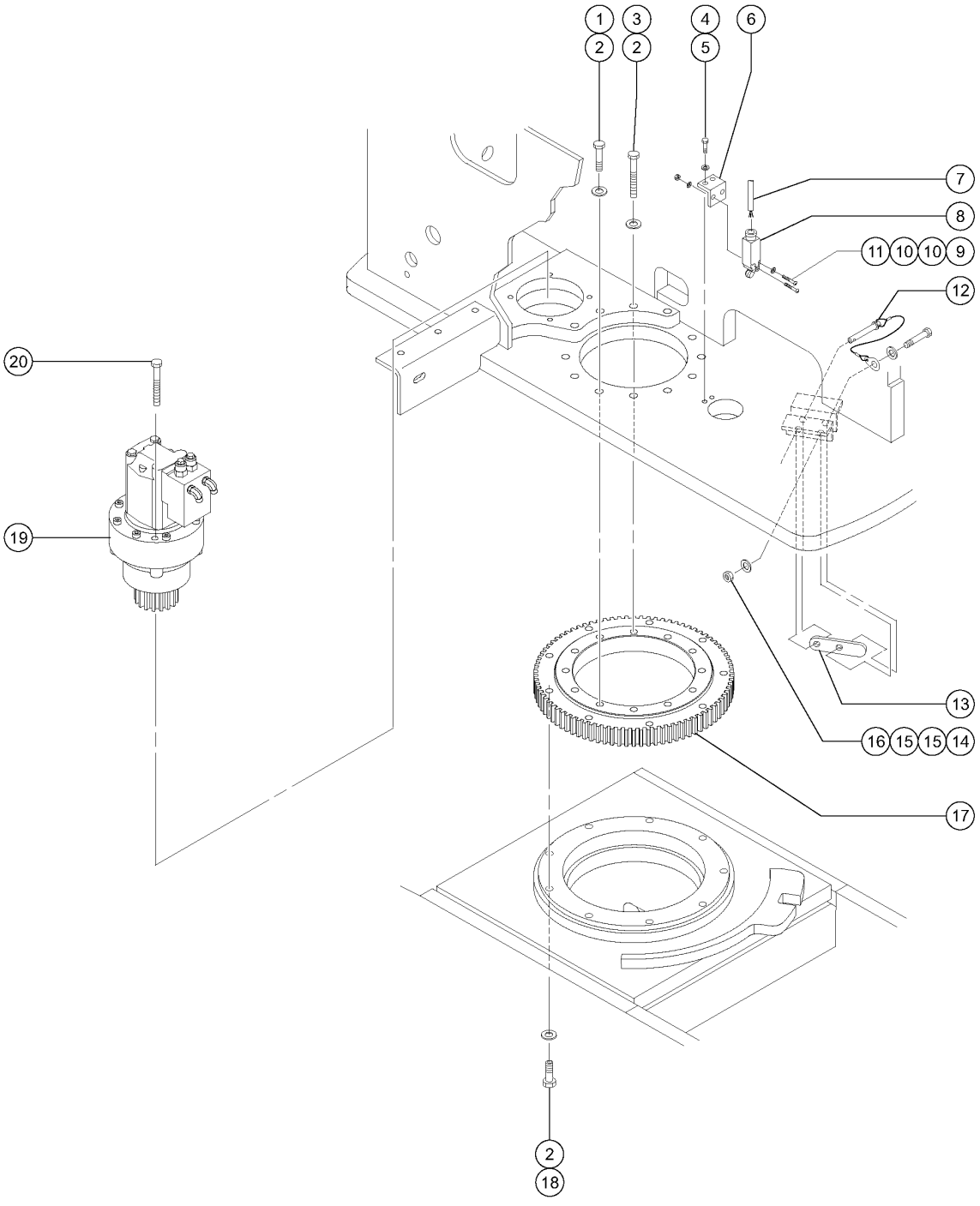
205.2 Oscillate Valve



205.2 Oscillate Valve

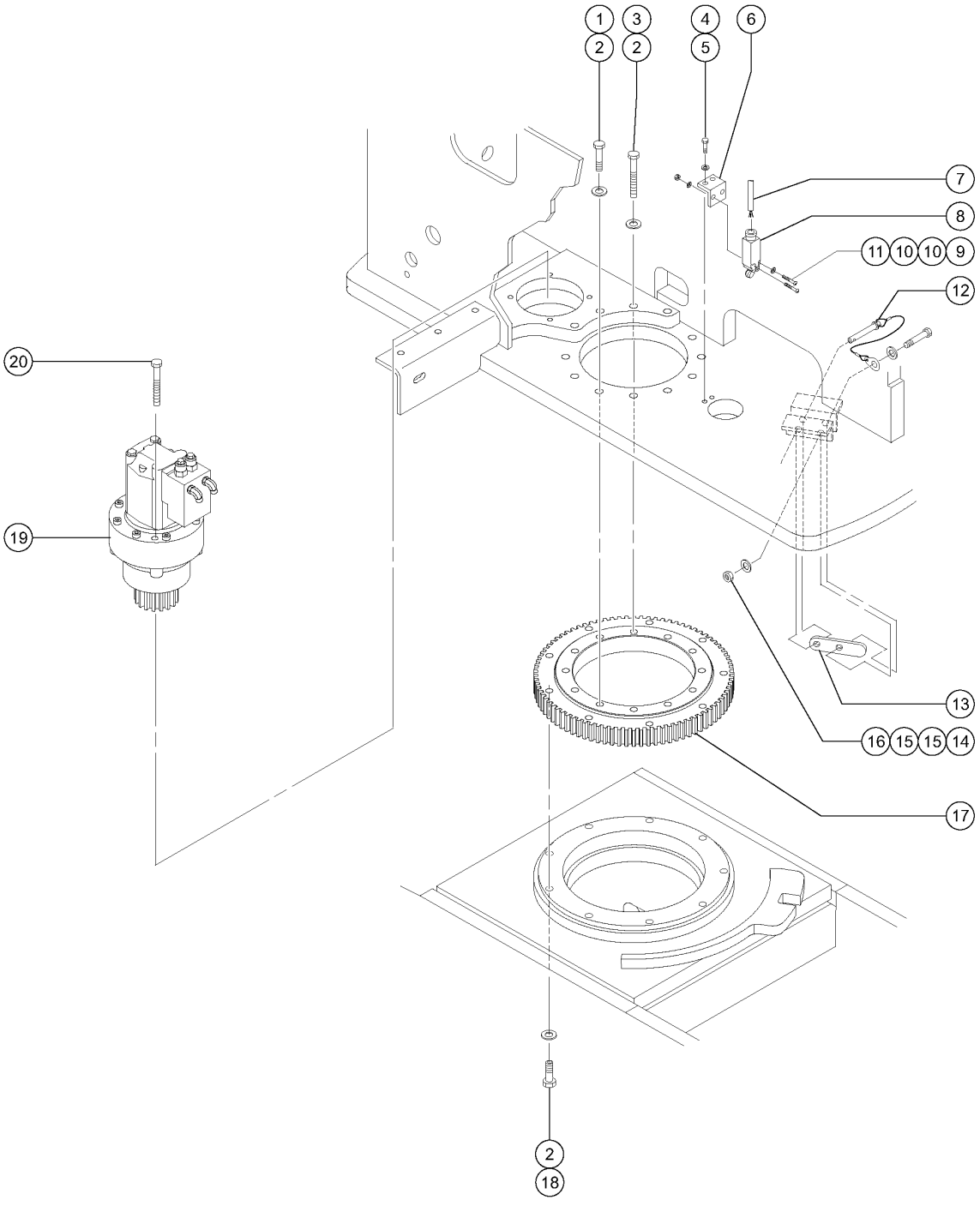
Item	Part No.	Description	Qty.
	T111453GT	KIT,OSCILLATE LINKAGE includes items 1 and 9-15	
1	T107284GT	BRACKET,OSCILLATING VALVE	1
2	14033GT	SCREW, HHC, 3/8-16 X 2.75	3
3	6021GT	WASHER, LOCK, .375	3
4	5397GT	WASHER, FLAT, USS, 5/16-18	3
5	49768GT	VLV,MAN,3 POS/4 WAY,CLOSE CTR*	1
5-	32681GT	SEAL KIT,CONTROL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

301.1 Turntable Rotator



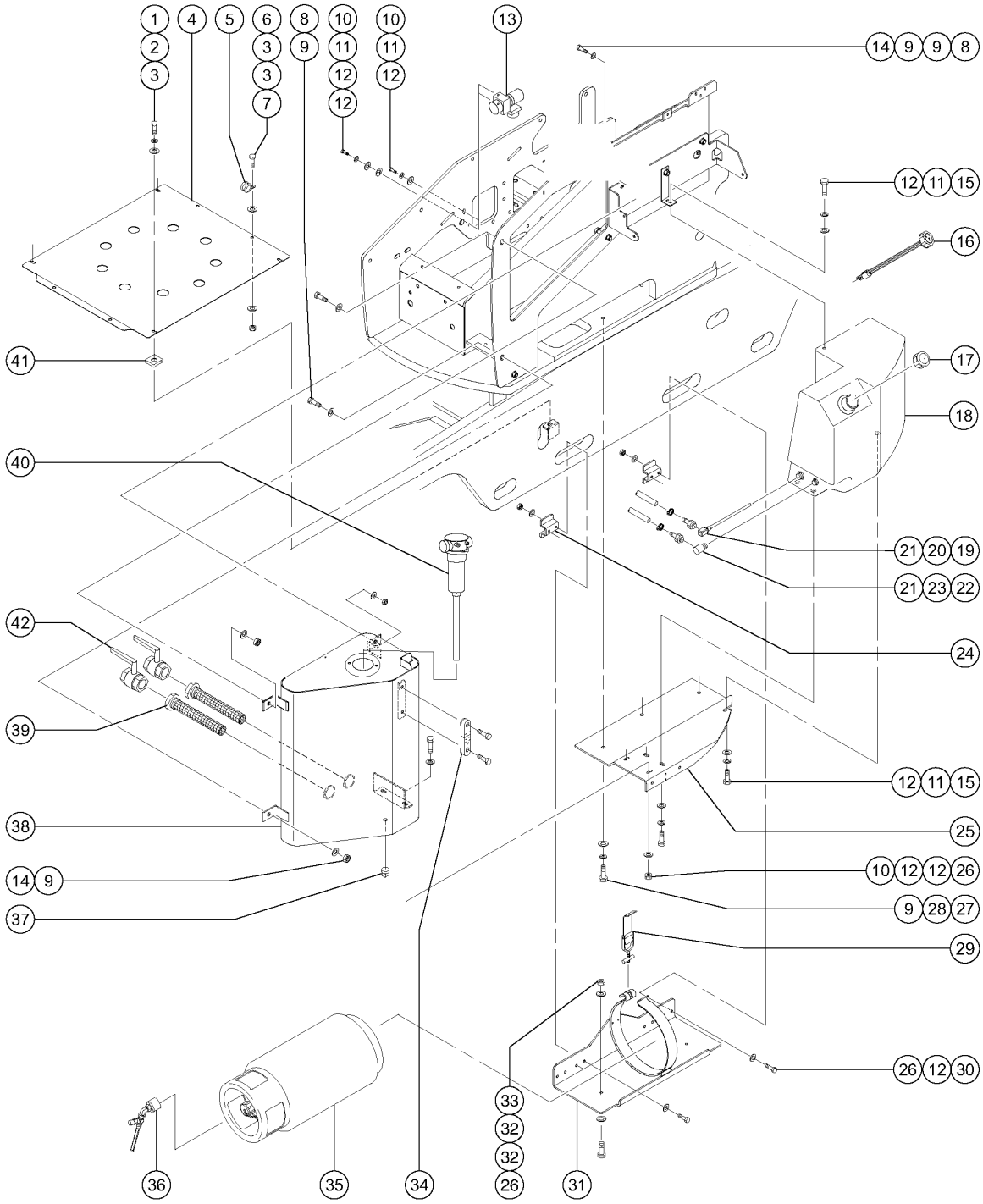
Item	Part No.	Description	Qty.
1	56900GT	SCREW,SHC,5/8-11 X 2.5 BLK to SN 23331	8
1-	56900GT	SCREW,SHC,5/8-11 X 2.5 BLK from SN 23332	14
2	13064GT	WASHER,FLAT,.625 HARDENED to SN 23331	21
2-	13064GT	WASHER,FLAT,.625 HARDENED from SN 23332	36
3	21175GT	SCREW,SHC,5/8-11 X 4,A574 to SN 23331	4
3-	21175GT	SCREW,SHC,5/8-11 X 4,A574 from SN 23332	6
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	6021GT	WASHER, LOCK, .375	
6	50469GT	BRACKET,DRIVE SENSOR,ENABLE	1
7	106279GT	HARNESS,LS,D.E. Z45IC	
8	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	
8-	19491GT	CONTACTOR,LIMIT SWITCH	
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	56680GT	SCREW,SHC,1/2-13 X 4.50 ZINC	
17	50411GT	BEARING,SWING CHASSIS RINGGEAR to SN 23331	1
17-	101815GT	BEARING,SWING CHASSIS from SN 23332	1
17-	88635-3424GT	HOSE ASSY 1/4,STR FEM,PIPETHRE	1
18	25068GT	SCREW,SHC,5/8-11 X 4.5,A574 to SN 23331	9
18-	25068GT	SCREW,SHC,5/8-11 X 4.5,A574 from SN 23332	16
19A		Ref: Swing Drive Assy 77082 is no longer available, order PN 824050	
19A-	77246GT	SEAL KIT,SWING MOTOR*** for 77082	

301.1 Turntable Rotator



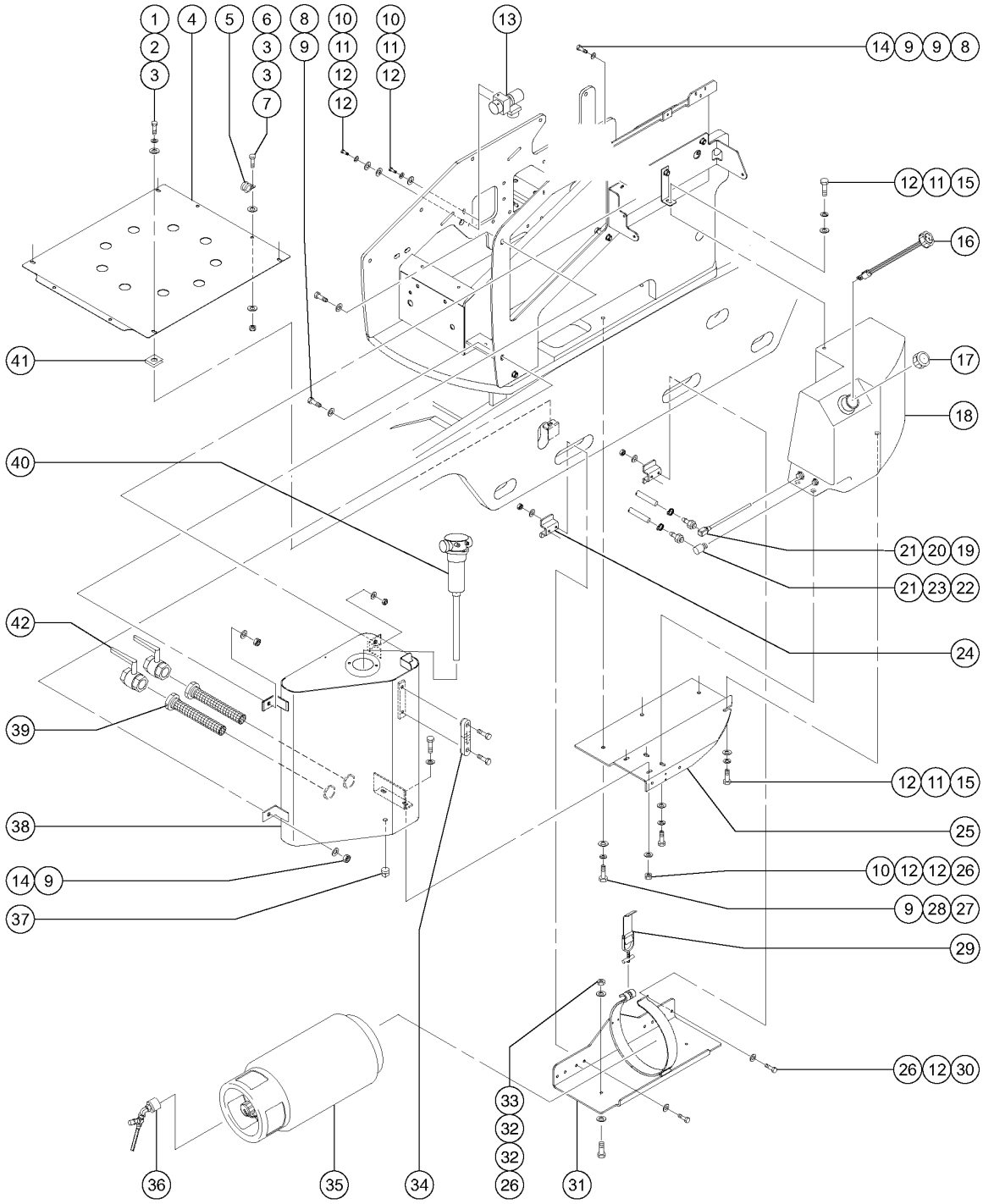
Item	Part No.	Description	Qty.
19A-	128446GT	MANIFOLD,TURNTABLE ROTATION*** for 77082	
19A-	220255GT	SEAL KIT,MANIFOLD TO MOTOR for 128446	
19A-	48904GT	ELBOW, 90D, 520220-4 not included, must order seperately	
19B		SWING DRIVE ASSY*** 147209 is no longer available, order PN 824050	
19B-		SEAL KIT,SWING DRIVE*** component no longer available	
19B-		BRAKE KIT, SWING DRIVE component no longer available	
19B-		MANIFOLD KIT, SW DRIVE for 147209	
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 18367	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	4

302.1 Fuel and Hydraulic Tanks



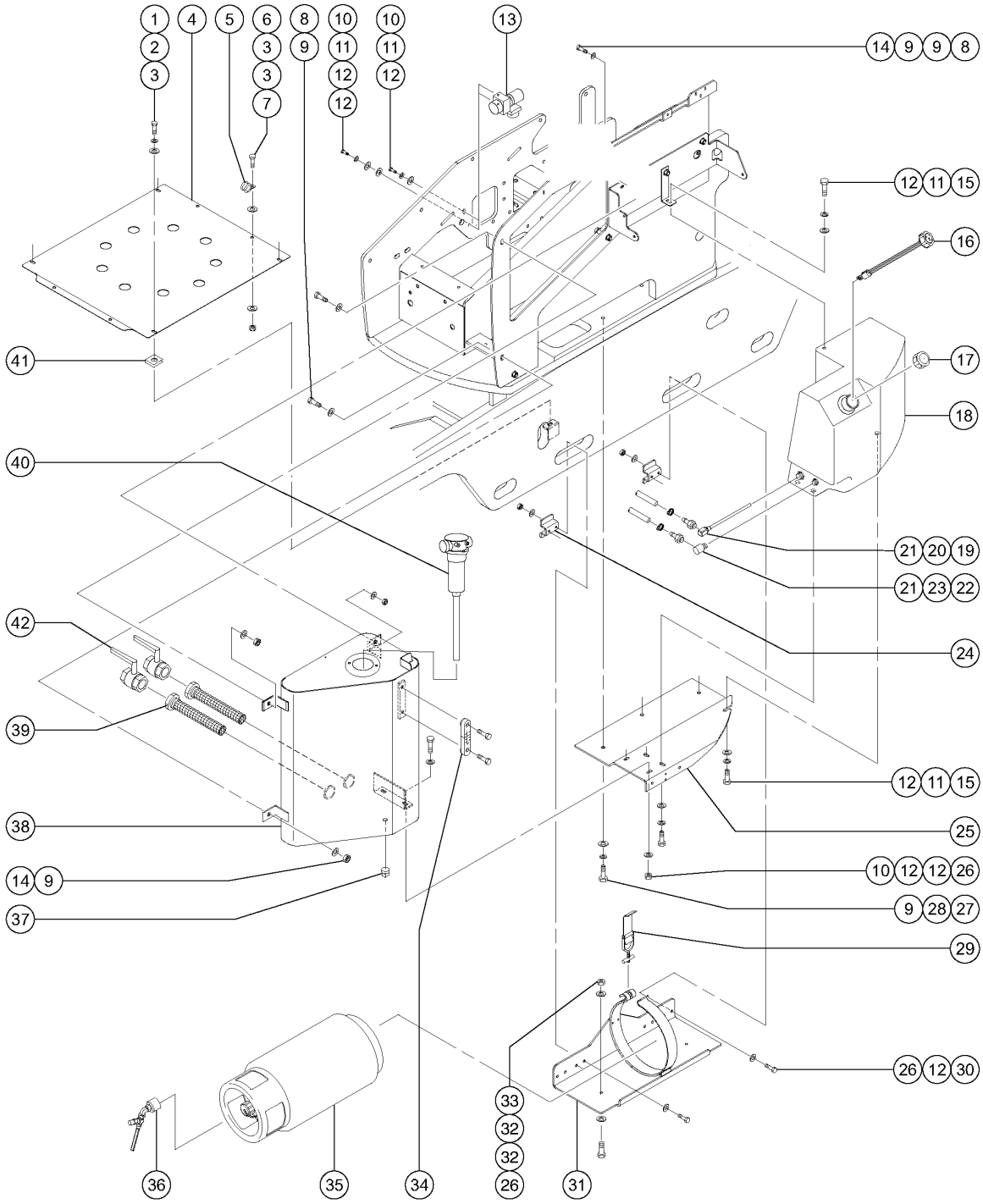
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	50028PGT	FORMING,BELLY PAN,PAINTED	1
5	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	
6	6090GT	SCREW, HHC, 1/4-20 X .75	
7	6091GT	NUT,NYLOCK,1/4-20	
8	8177GT	SCREW,HHC,1/2-13 X 1.5	
9	6095GT	WASHER,FLAT,USS,1/2",Y	
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	6021GT	WASHER, LOCK, .375	
12	5397GT	WASHER, FLAT, USS, 5/16-18	
13	77066GT	ASSEMBLY, AUX POWER UNIT, 12VD	1
13-	77069GT	MOTOR,12VDC,77066	
13-	77070GT	PUMP ASSY.,77066 to SN 22198	
13-	58490GT	PUMP ASSY (77066) from SN 22199	
13-	77071GT	SOLENOID,77066	
13-	77072GT	CHECK VALVE KIT,77066	
14	6198GT	NUT, NYLOCK, 1/2-13	
15	8255GT	SCREW,HHC,3/8-16 X .75	
16	101727GT	CAP,FUEL,GAS,1/8"VENT(RED)	1
17	101727GT	CAP,FUEL,GAS,1/8"VENT(RED) Ford models	1
17B	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) Diesel models, no longer available, (replaced by 1316635)	1
17C	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1
18	119798GT	FUEL TANK ASSY, 17 GAL PLASTIC	1
19	54437GT	HOSE END,BARB,1/4 MNPTX5/16,ST	1
20	54124GT	HOSE END,BARB,3/8 MNPT X 5/16	1
21	54123GT	CLAMP,HOSE,1 EAR, 5/8	

302.1 Fuel and Hydraulic Tanks



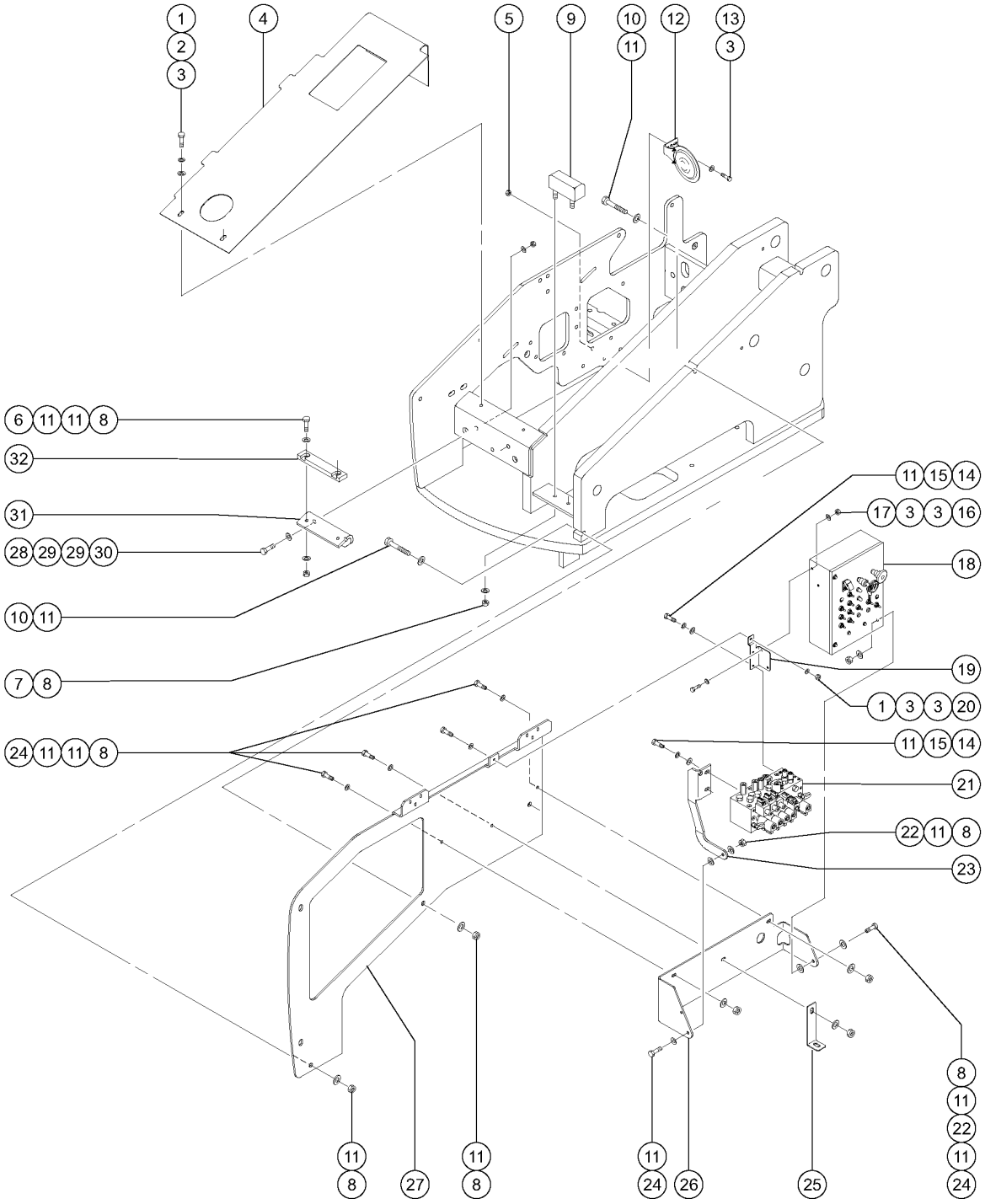
Item	Part No.	Description	Qty.
22	54205GT	HOSE END,BARB,1/4 MNPTX5/16,90 Ford models	1
22-	54204GT	ELBOW,90DEG.1/4MPT-1/4 BARB Deutz models	1
22-	107889GT	HOSE END,BARB,3/16 MNPT,90D Perkins models	1
23	27586GT	HOSE END,MALE,.313 X .25 MPT	1
24	60139GT	FORMING,LP BRACKET MOUNT Gasoline/LPG models	1
25	50416PGT	PLATE,TANK SIDE,PAINTED	1
26	4828GT	NUT, NYLOCK, 3/8-16	
27	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
28	6033GT	WASHER,LOCK,0.5"	
29	49000GT	L.P.TANK LATCH Gasoline/LPG models	1
30	8516GT	SCREW, HCC, 3/8-16 X 1.50	
31	60143-SGT	WELD, LPG TANK MOUNT Ford models	1
32	6097GT	WASHER, FLAT, USS, 3/8", Y	
33	39478GT	SCREW,HHC,3/8-16 X 2 FULL THRD	
34	21141GT	GAUGE-SIGHT,LHA-LGTB*** includes mounting fasteners	1
35	53605GT	TANK, 7 GAL/33.5 POUND, LP Gasoline/LPG models	1
36	119055GT	HOSE ASSY,LP GAS 144 inches	1
36	73599GT	CAP,PROT.,RED,1.38ID X .75 DP	
37A	54160GT	PLUG,DRAIN,3/8",MAGNETIC to SN 22050	1
37B	94612GT	PLUG,MAGNETIC,SAE-6*** from SN 22051	1
38A	88244GT	TANK,HYDRAULIC 24 GAL to SN 22050	1
38B		TANK,HYDRAULIC ASSEMBLY from SN 22051 to 24152 (no longer available)	1
38C	106065GT	TANK,HYDRAULIC ASSEMBLY*** from SN 24153	1
39A	45161GT	STRAINER ASSEMBLY,1.5" NPT to SN 22050	2
39B	147419GT	KIT,STRAINER REPLACEMENT from SN 22051 to 24152	2
39C	147419GT	KIT,STRAINER REPLACEMENT from SN 24153	2
40A	110345GT	FILTER ASSY,INTANK includes item 40B	1
40A-	147223GT	SEAL,FILTER LID	

302.1 Fuel and Hydraulic Tanks



Item	Part No.	Description	Qty.
40B	77353GT	KIT,ELEMENT**	
40B-	94526GT	GASKET,RETURN FILTER-77353	
40B-	77354GT	FILTER LID,RFM165	
40B-	77365GT	BREATHER CAP,RFM165	
40B-	88917GT	FILTER,ELEMENT,BETA(10)=200	
41	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
42	48996GT	VALVE,BALL,16 MSAE-16 FSAE*** from SN 24153	2

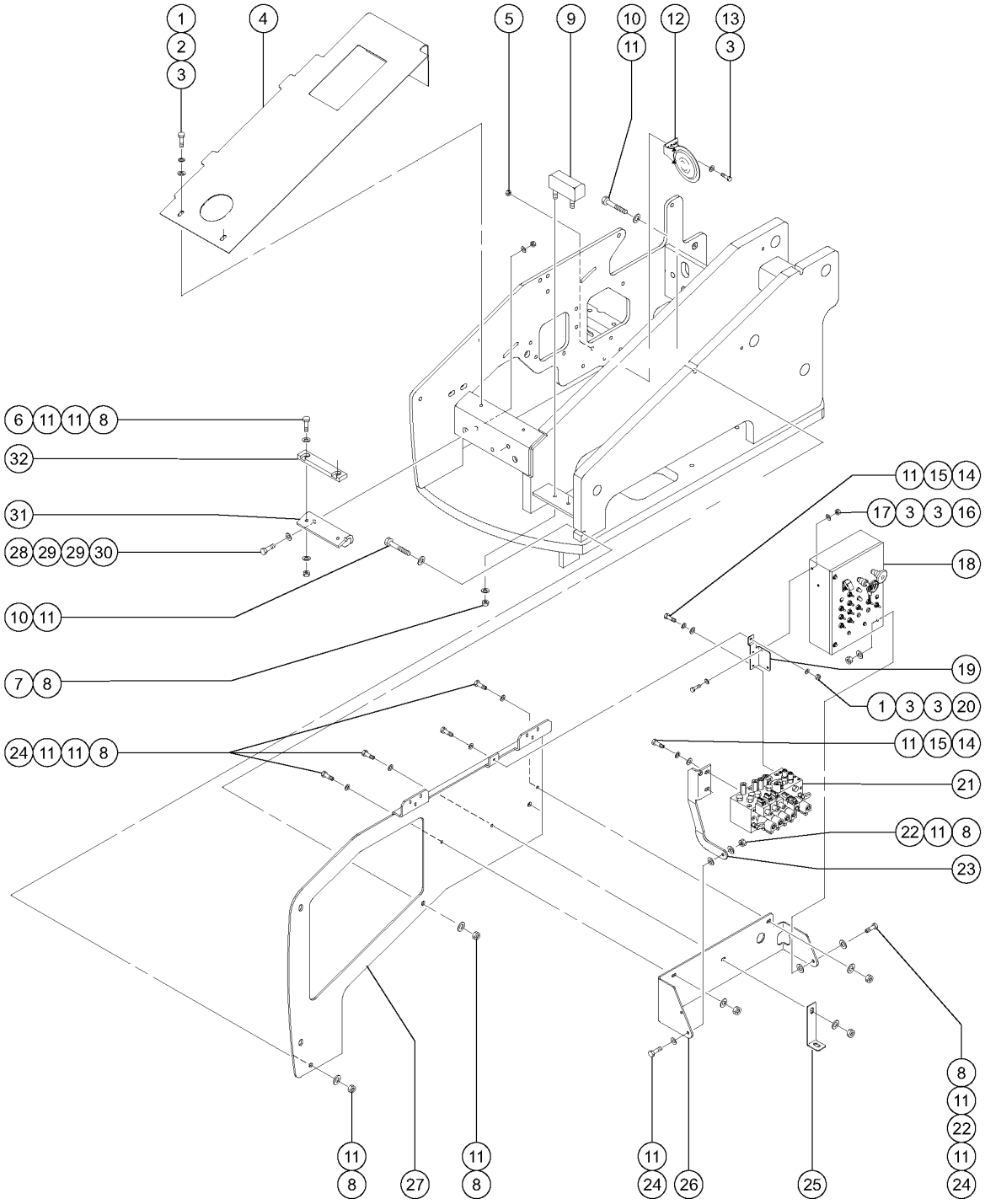
303.1 Function Manifold and Ground Control Box Placement, Z-45/25



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

Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	54922PGT	COVER,CENTER SWING CHASSIS,PNT	1
5	6782GT	NUT, NYLOCK, 5/16-18	
6	8516GT	SCREW, HCC, 3/8-16 X 1.50	
7	6097GT	WASHER, FLAT, USS, 3/8", Y	
8	4828GT	NUT, NYLOCK, 3/8-16	
9	56927GT	PAD,REST,2"THICK,W/STUDS* to SN 22493	1
9-	56849GT	PAD,REST,1"THICK,W/STUDS* from SN 22494	1
10	14033GT	SCREW, HHC, 3/8-16 X 2.75	
11	5397GT	WASHER, FLAT, USS, 5/16-18	
12	81578GT	HORN,12VDC,SPADE TERMINALS***	1
13	13000GT	SCREW,HHC,5/16-18 X 1.25	
14	6175GT	SCREW,HHC,3/8-16 X 1	
15	6021GT	WASHER, LOCK, .375	
16	6889GT	NUT,LP NYLOCK,1/4-20	
17	6090GT	SCREW, HHC, 1/4-20 X .75	
18	77823GT	CONTROL,BOX ASSY-GRND Z45 IC**	1
19A	54289GT	BRACKET,GROUND CONTROL BOX to SN 24342	1
19B	101577PGT	BRACKET,GROUND CONTROL BOX,PNT from SN 24343	
20	6091GT	NUT,NYLOCK,1/4-20	
21		Ref. Function Manifold (refer to 703.1 or 703.2)	1
22	47228GT	WASHER,NYLON,.406 X.750 X.032	
23	50762-SGT	BRACKET,MANIFOLD MNT.Z45/25	1
24	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
25	50937GT	BRACKET,FUEL TANK STRAP	1
26	50754PGT	PLATE,MANIFOLD/CNTRL BOX MOUNT	1

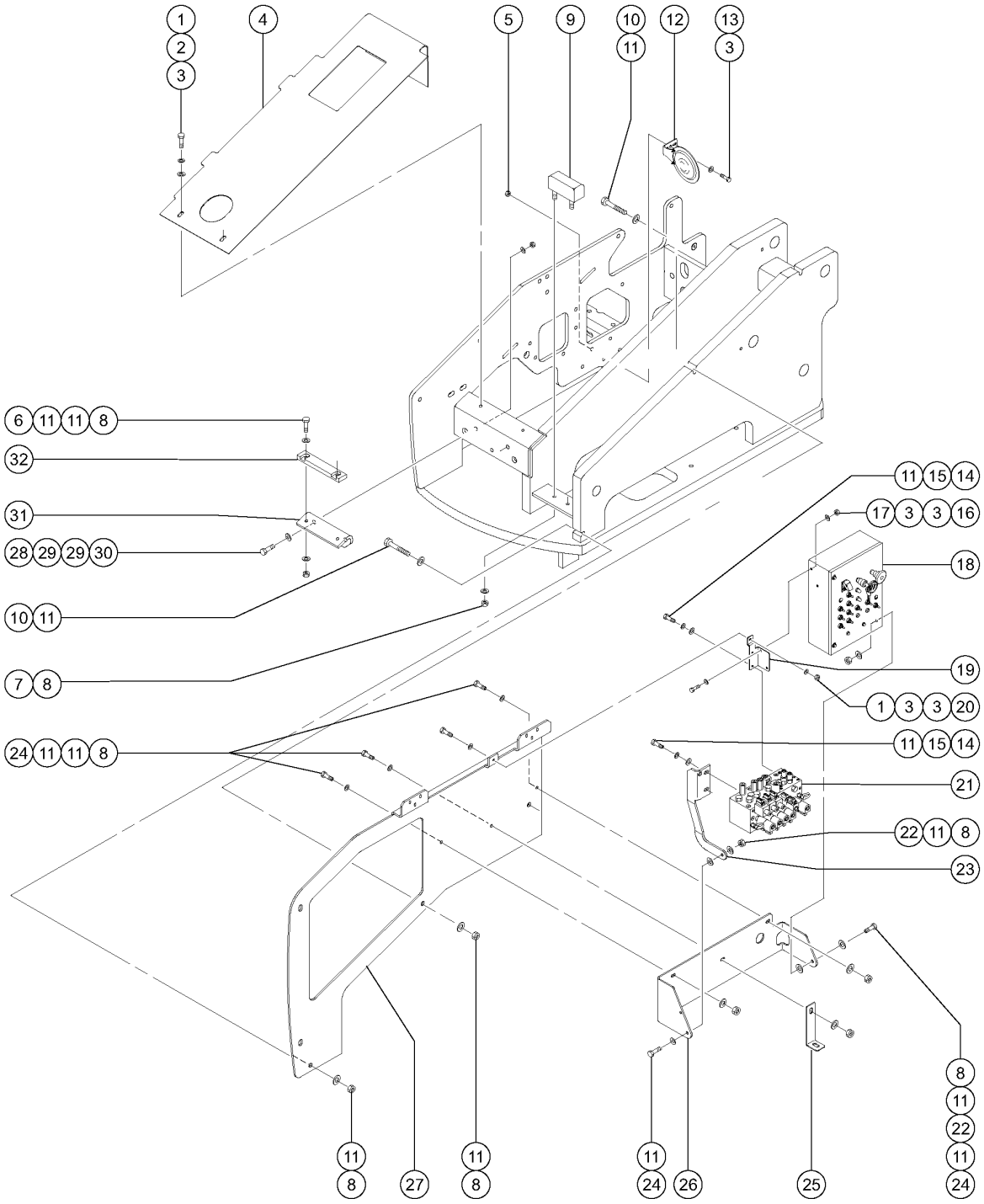
303.1 Function Manifold and Ground Control Box Placement, Z-45/25



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

Item	*Part No.*	*Description*	*Qty.*
27A	54288PGT	BULKHEAD,TANKSIDE,PAINTED to SN 24342	1
27B	101576PGT	BULKHEAD,TANK SIDE,PAINTED from SN 24343	
28	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
29	6095GT	WASHER,FLAT,USS,1/2",Y	
30	6198GT	NUT, NYLOCK, 1/2-13	
31	50569PGT	ANGLE,PRIM BOOM REST,NONJIB,PA	1
32	50570GT	WEAR PAD,PRIMARY BOOM,NON JIB	1

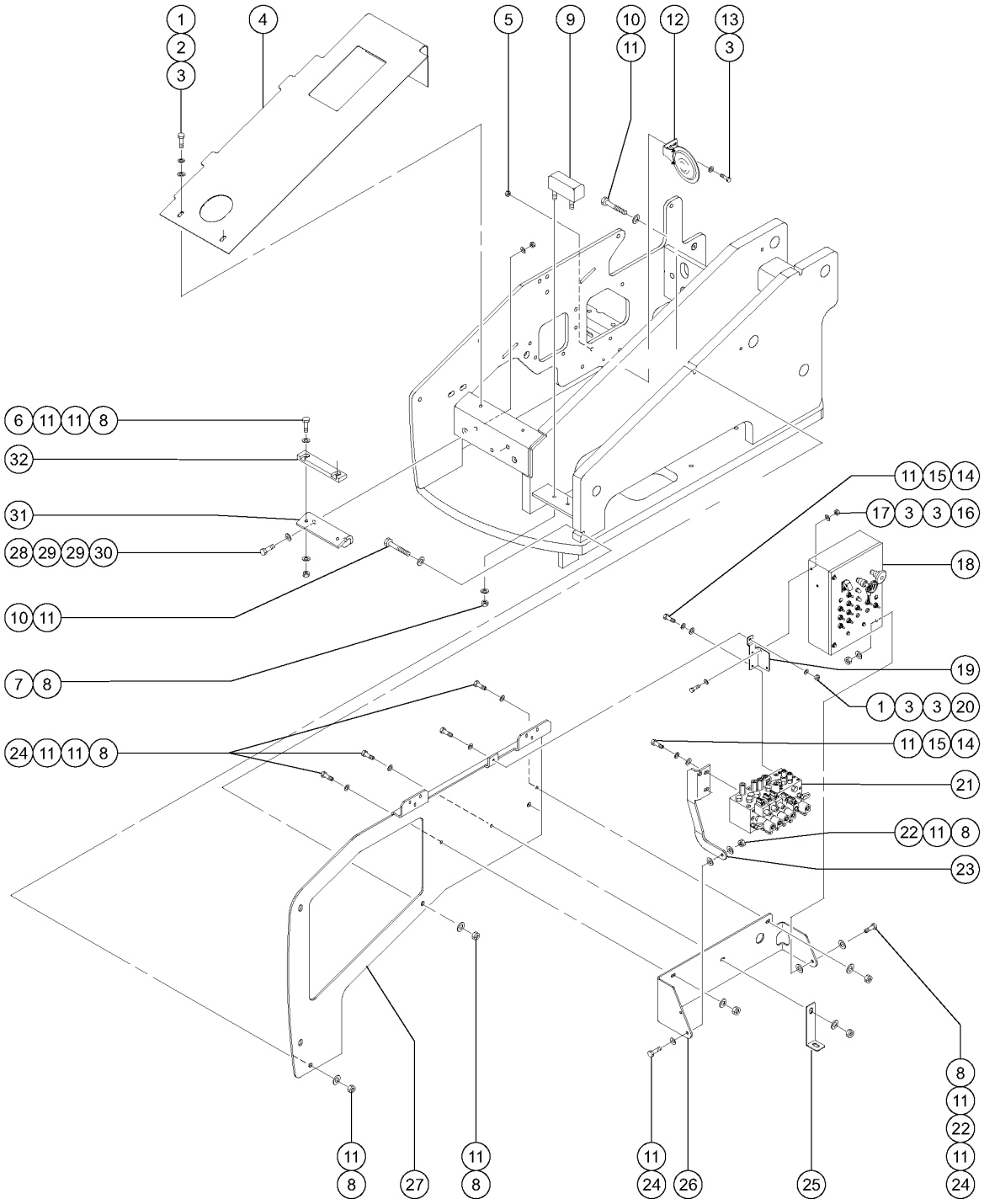
303.2 Function Manifold and Ground Control Box Placement, Z-45/25J



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

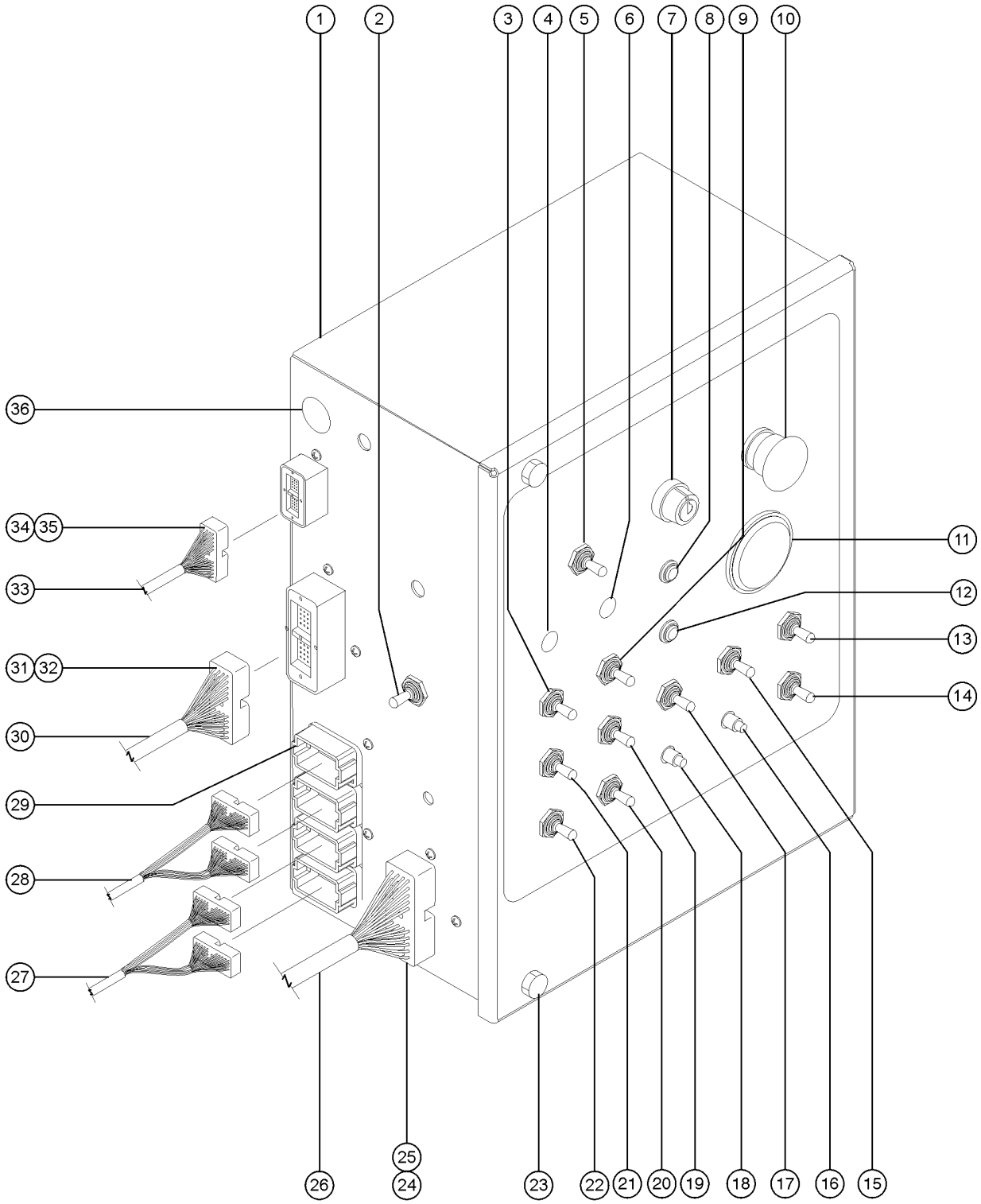
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	54922PGT	COVER,CENTER SWING CHASSIS,PNT	1
5	6782GT	NUT, NYLOCK, 5/16-18	
6	8516GT	SCREW, HCC, 3/8-16 X 1.50	
7	6097GT	WASHER, FLAT, USS, 3/8", Y	
8	4828GT	NUT, NYLOCK, 3/8-16	
9	56927GT	PAD,REST,2"THICK,W/STUDS* to SN 22493	1
9	56849GT	PAD,REST,1"THICK,W/STUDS* from SN 22494	1
10	14033GT	SCREW, HHC, 3/8-16 X 2.75	
11	5397GT	WASHER, FLAT, USS, 5/16-18	
12	81578GT	HORN,12VDC,SPADE TERMINALS***	1
13	13000GT	SCREW,HHC,5/16-18 X 1.25	
14	6175GT	SCREW,HHC,3/8-16 X 1	
15	6021GT	WASHER, LOCK, .375	
16	6889GT	NUT,LP NYLOCK,1/4-20	
17	6090GT	SCREW, HHC, 1/4-20 X .75	
18	77823GT	CONTROL,BOX ASSY-GRND Z45 IC**	1
19	54289GT	BRACKET,GROUND CONTROL BOX	1
20	6091GT	NUT,NYLOCK,1/4-20	
21		Ref. Function Manifold (refer to 703.1 or 703.2)	1
22	47228GT	WASHER,NYLON,.406 X.750 X.032	
23	50762PGT	BRACKET,MANIFOLD MOUNT,PAINTED	1
24	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
25	50937GT	BRACKET,FUEL TANK STRAP	1
26	50754PGT	PLATE,MANIFOLD/CNTRL BOX MOUNT	1
27	54288PGT	BULKHEAD,TANKSIDE,PAINTED	1

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



Item	*Part No.*	*Description*	*Qty.*
28	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
29	6095GT	WASHER,FLAT,USS,1/2",Y	
30	6198GT	NUT, NYLOCK, 1/2-13	

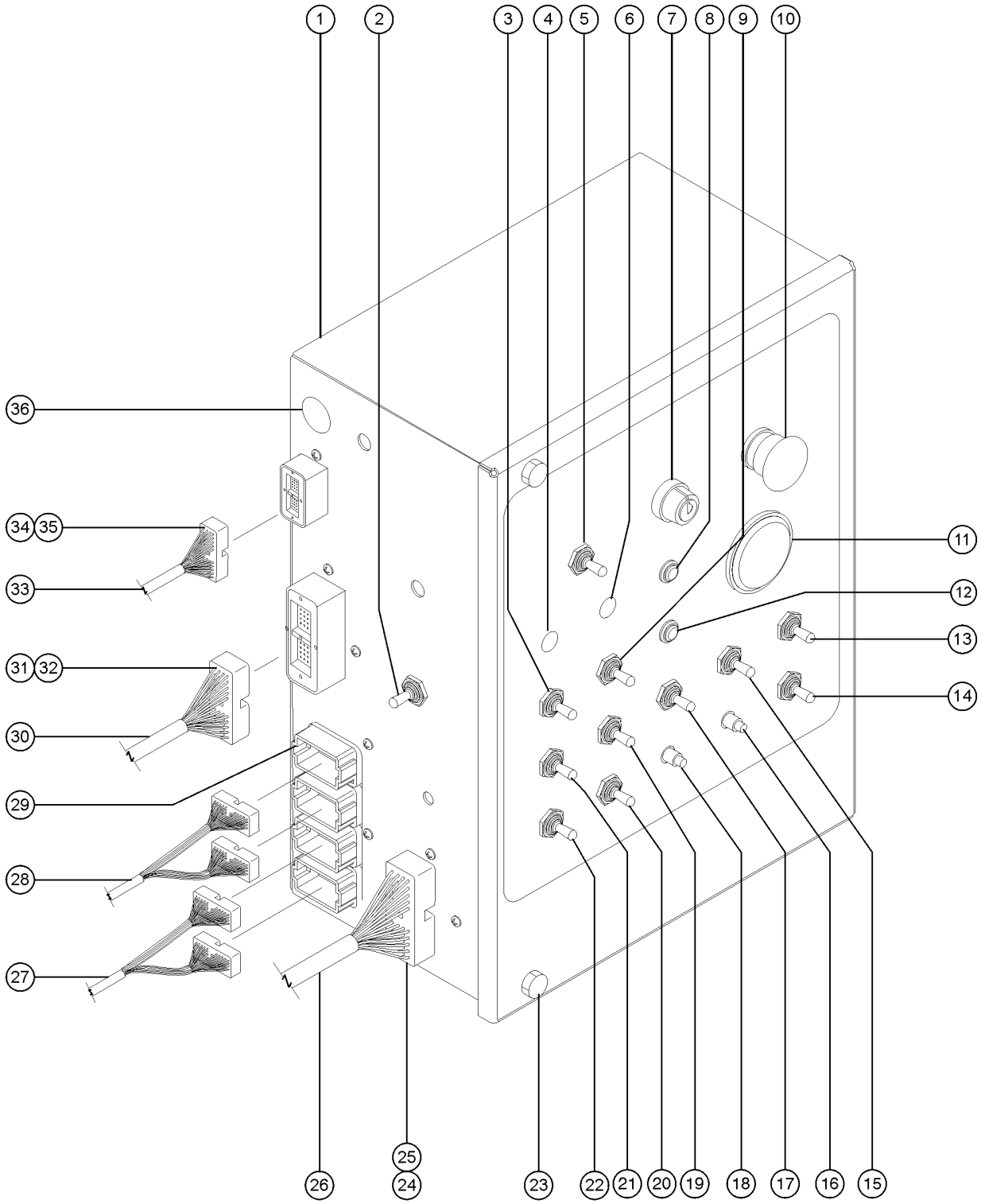
304.1 Ground Control Box - View 1, Z-45/25



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

Item	Part No.	Description	Qty.
1A	77823GT	CONTROL,BOX ASSY-GRND Z45 IC**	1
1A-	88637GT	GASKET,GROUND CONTROL BOX***	
1B	101844GT	GROUND CONTROL BOX ASSY W/DEC*	1
1B-	88637GT	GASKET,GROUND CONTROL BOX***	
2A	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	1
2A-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
2A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
2A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
2B	45384GT	PLUG,NYLON .50 BLACK DOMED	1
3	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary Boom Extend/Retract	1
3-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
3-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
3-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
4A	824879GT	LIGHT,LED IND. RED 12V NH Load Sense, if equipped	1
4A-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
4B	45384GT	PLUG,NYLON .50 BLACK DOMED	1
5	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary Power	1
5-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
5-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
6A	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT Fuel Select (Gasoline/LPG models)	1
6A-	128585GT	SWITCH TOGGLE DPDT 2P MNT SHDR	
6A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
6A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
6B	45384GT	PLUG,NYLON .50 BLACK DOMED	1
7A	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** includes keyswitch and two keys, not included: base and contacts.	1
7A-	88316GT	BASE,W/2 N.C.& 2 N.O.***	
7A-	66816GT	CONTACT,N.O.***	

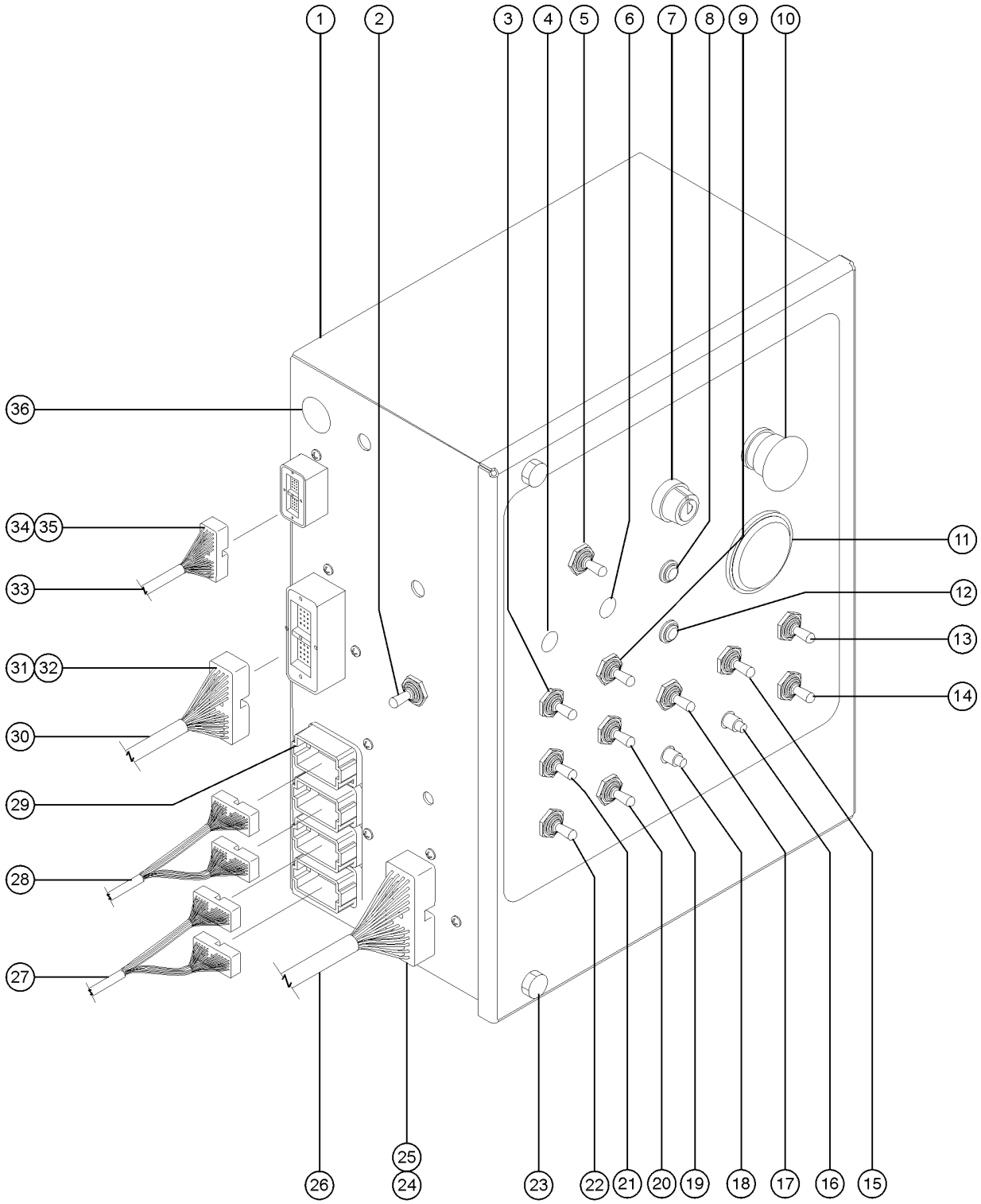
304.1 Ground Control Box - View 1, Z-45/25



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

Item	Part No.	Description	Qty.
7A-	21982GT	KEY,SINGLE***	
7A-	37947GT	KEYS,10 PACK***	
7B	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	1
7B-	94506GT	BASE,W/3 NC CONTACTS	
8	824879GT	LIGHT,LED IND. RED 12V NH Check Engine Light(Gasoline/LPG models); Oil Pressure Light (Diesel Models)	1
8-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
9	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary boom up/down	1
9-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
9-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
9-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
10-	73805GT	BASE,W/2 NC CONTACTS***	
10-	66818GT	CONTACT,NC	
11	19506GT	HOUR METER, 10-80 VOLTS***	1
12A	824879GT	LIGHT,LED IND. RED 12V NH Water temperature light (Diesel models)	1
12A-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
12B	45384GT	PLUG,NYLON .50 BLACK DOMED	1
13A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow plug (Diesel models)	1
13A-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
13A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
13A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
13B	45384GT	PLUG,NYLON .50 BLACK DOMED	1
14	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Function enable	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	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start	1
15-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	

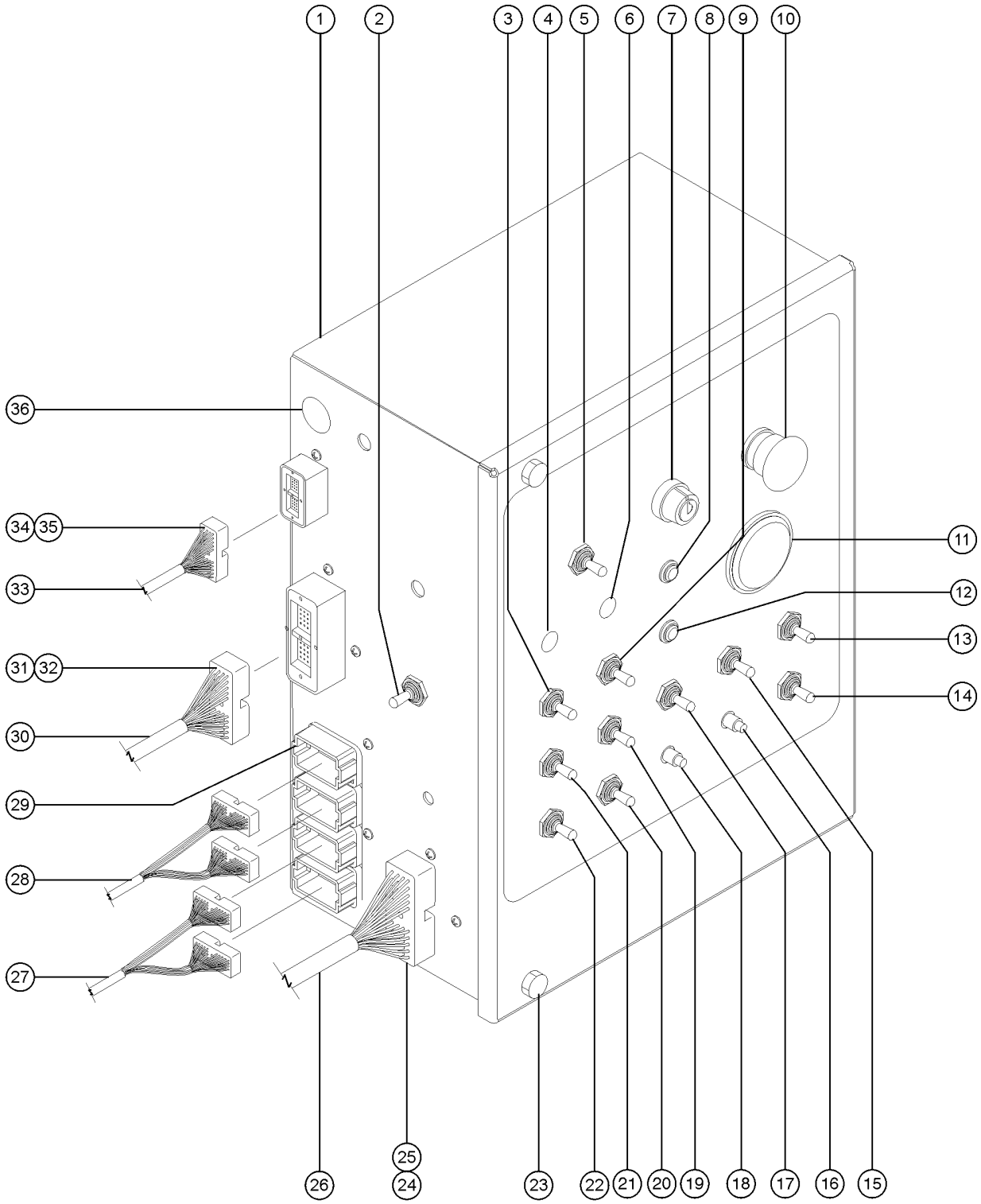
304.1 Ground Control Box - View 1, Z-45/25



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

Item	Part No.	Description	Qty.
15-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
15-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
16	147094GT	ASSY, CIRCUIT BREAKER 15A Engine eletrical circuits	1
17	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	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	147094GT	ASSY, CIRCUIT BREAKER 15A Electrical circuits	1
19A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Jib boom up/dn (Z45/25J)	1
19A-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
19A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
19A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
19B	45384GT	PLUG,NYLON .50 BLACK DOMED (Z-45/25NJ)	1
20	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform level	1
20-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
20-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
20-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
21	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Turntable rotate	1
21-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
21-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
21-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
22	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform rotate	1
22-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
22-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
22-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
23	6090GT	SCREW, HHC, 1/4-20 X .75	1
24	73749GT	CONN,PLUG 24 WAY,DRC SERIES	1
24-	60757GT	PLUG, SEAL, 12-18GA	

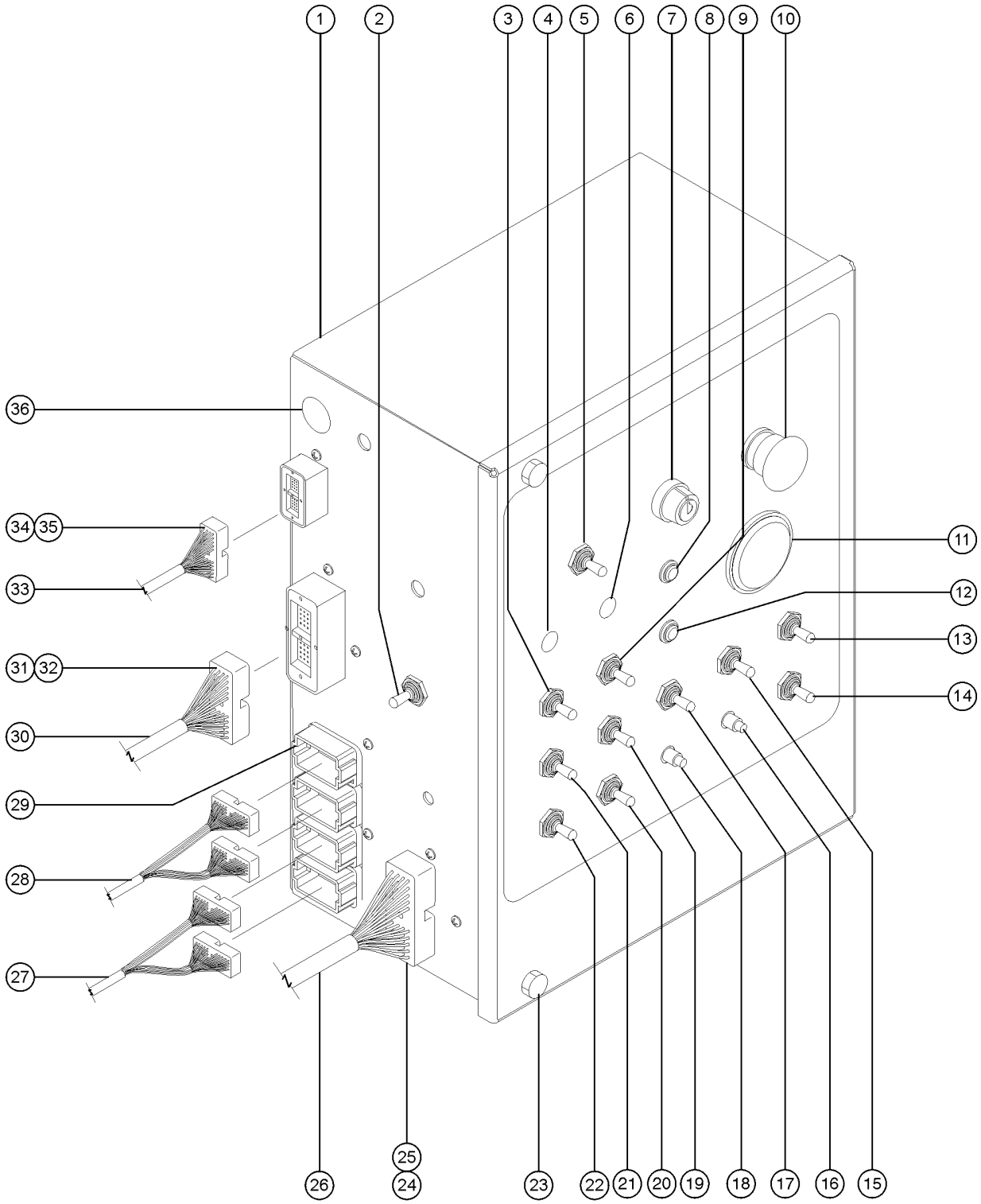
304.1 Ground Control Box - View 1, Z-45/25



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

Item	Part No.	Description	Qty.
24-	73714GT	TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
25	73753GT	CONN,RECEP 24 WAY,W/FLANGE	1
26		Ref. Engine Wire Harness (refer to 308.1)	
27		Ref. Boom Cable Wire Harness #2 (refer to 308.1)	
28		Ref. Boom Cable Wire Harness #1 (refer to 308.1)	
29	73736GT	CONN,RECEP 48 WAY,4 X 12	1
29-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
30		Ref. Functio Manifold Wire Harness (refer to 308.1)	1
31	73751GT	CONN,PLUG 40 WAY,DRC SERIES	1
32	73754GT	CONN,RECEP 40 WAY,W/FLANGE	1
33		Ref. Platform Controls to 12V DC Wire Harness (refer to 308.1)	
34	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	1
34-	60528GT	LOCK,PLUG 4 WAY,12-14GA***	
35	73754GT	CONN,RECEP 40 WAY,W/FLANGE	1
36	15243GT	PLUG,NYLON .875 BLACK DOMED	

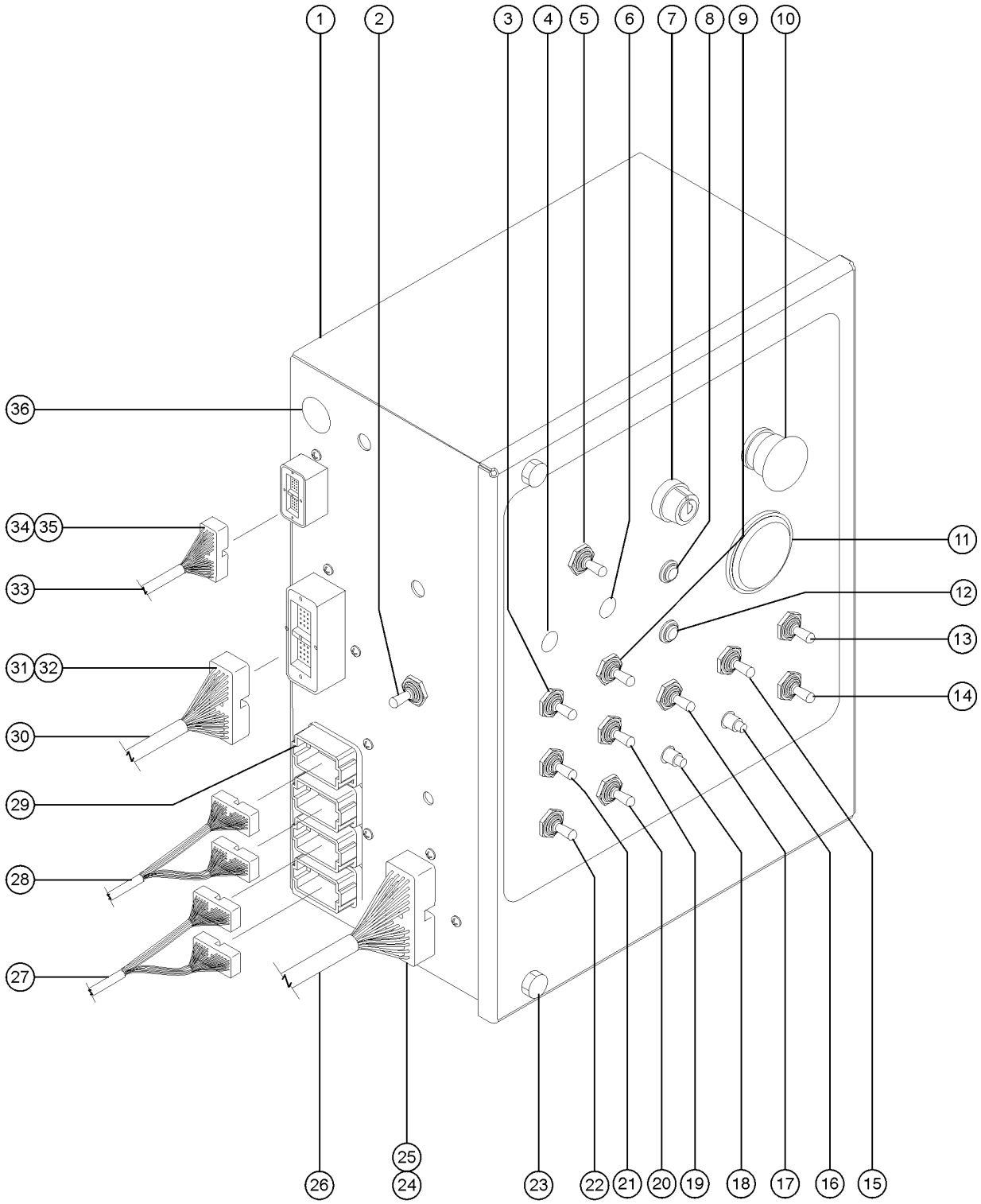
304.2 Ground Control Box - View 1, Z-45/25J



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

Item	Part No.	Description	Qty.
1A	77823GT	CONTROL,BOX ASSY-GRND Z45 IC**	1
1A-	88637GT	GASKET,GROUND CONTROL BOX***	
1B	101844GT	GROUND CONTROL BOX ASSY W/DEC*	1
1B-	88637GT	GASKET,GROUND CONTROL BOX***	
2A	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	1
2A-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
2A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
2A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
2B	45384GT	PLUG,NYLON .50 BLACK DOMED	1
3	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary Boom Extend/Retract	1
3-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
3-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
3-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
4A	824879GT	LIGHT,LED IND. RED 12V NH Load Sense, if equipped	1
4A-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
4B	45384GT	PLUG,NYLON .50 BLACK DOMED	1
5	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary Power	1
5-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
5-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
6A	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT Fuel Select (Gasoline/LPG models)	1
6A-	128585GT	SWITCH TOGGLE DPDT 2P MNT SHDR	
6A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
6A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
6B	45384GT	PLUG,NYLON .50 BLACK DOMED	1
7A	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** to SN 22050, includes keyswitch and two keys, not included: base and contacts.	1
7A-	88316GT	BASE,W/2 N.C.& 2 N.O.***	
7A-	66816GT	CONTACT,N.O.***	

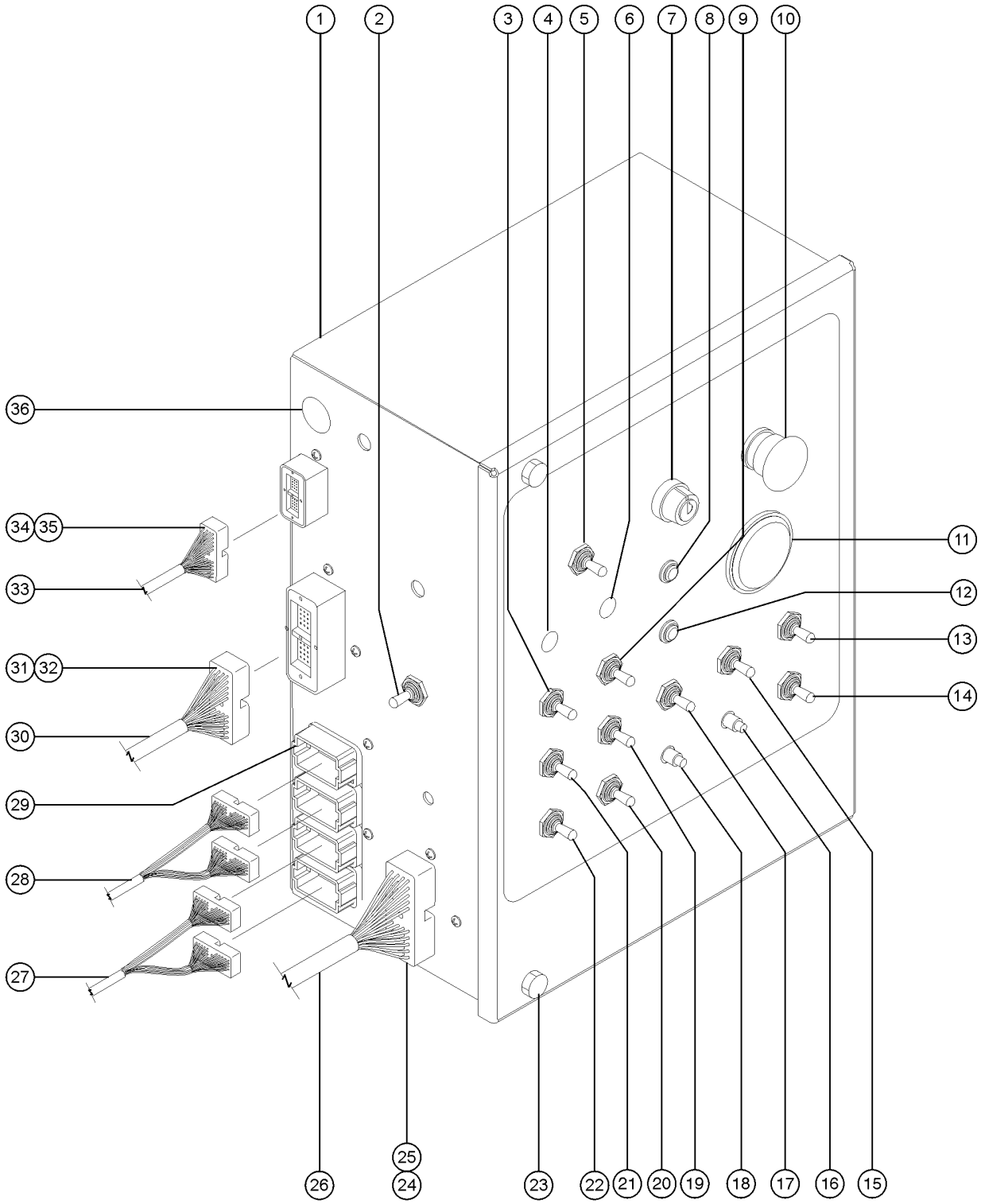
304.2 Ground Control Box - View 1, Z-45/25J



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

Item	Part No.	Description	Qty.
7A-	21982GT	KEY,SINGLE***	
7A-	37947GT	KEYS,10 PACK***	
7B	96008-SGT	KEYSWITCH,3 POS. W/KEYS*** from SN 22051	1
7B-	94506GT	BASE,W/3 NC CONTACTS	
8	824879GT	LIGHT,LED IND. RED 12V NH Check Engine Light(Gasoline/LPG models); Oil Pressure Light (Diesel Models)	1
8-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
9	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary boom up/down	1
9-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
9-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
9-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
10-	73805GT	BASE,W/2 NC CONTACTS***	
10-	66818GT	CONTACT,NC	
11	19506GT	HOUR METER, 10-80 VOLTS***	1
12A	824879GT	LIGHT,LED IND. RED 12V NH Water temperature light (Diesel models)	1
12A-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
12B	45384GT	PLUG,NYLON .50 BLACK DOMED	1
13A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow plug (Diesel models)	1
13A-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
13A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
13A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
13B	45384GT	PLUG,NYLON .50 BLACK DOMED	1
14	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Function enable	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	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start	1
15-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	

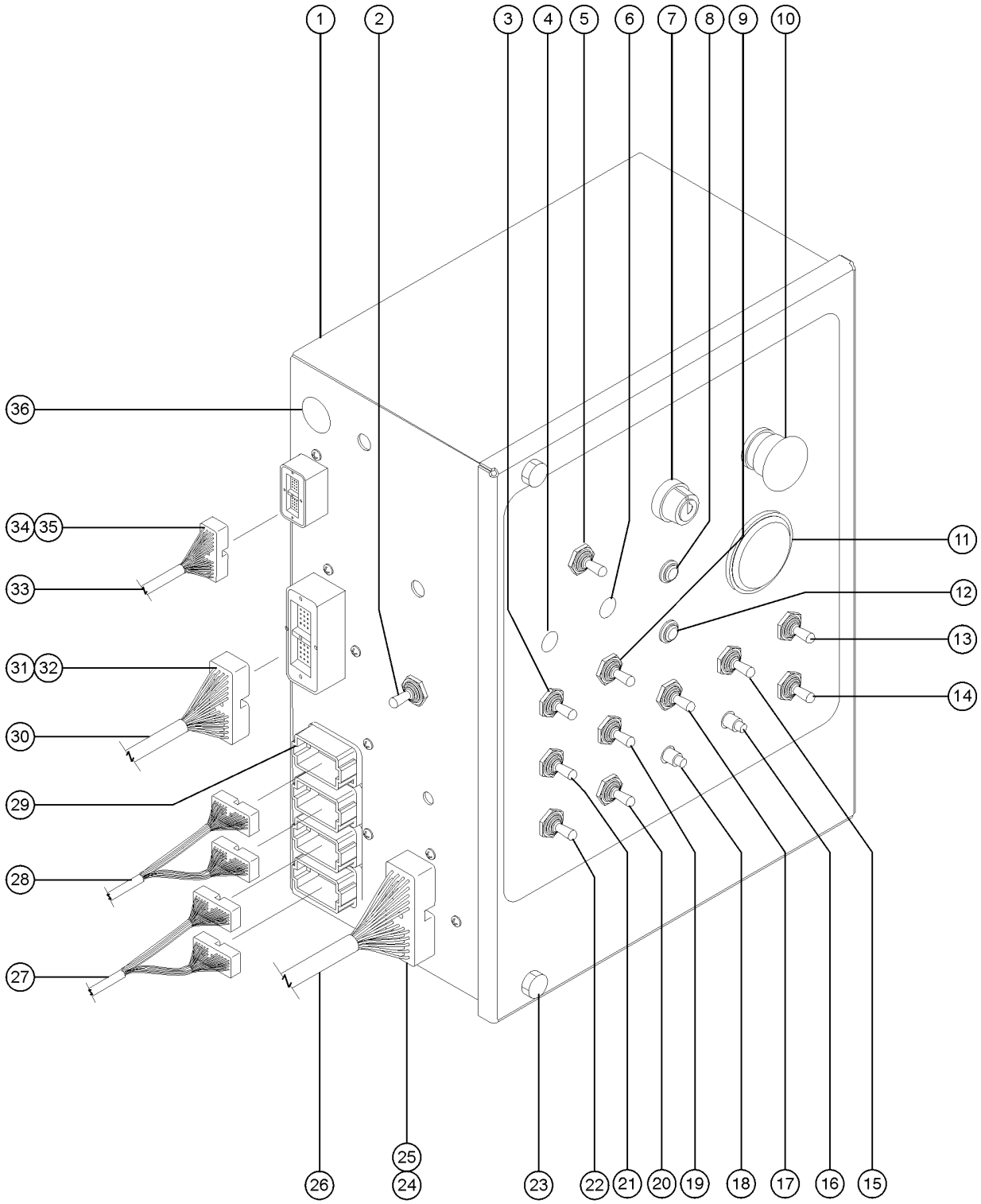
304.2 Ground Control Box - View 1, Z-45/25J



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

Item	Part No.	Description	Qty.
15-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
15-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
16	147094GT	ASSY, CIRCUIT BREAKER 15A Engine eletrical circuits	1
17	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	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	147094GT	ASSY, CIRCUIT BREAKER 15A Electrical circuits	1
19A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Jib boom up/dn (Z45/25J)	1
19A-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
19A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
19A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
19B	45384GT	PLUG,NYLON .50 BLACK DOMED (Z-45/25NJ)	1
20	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform level	1
20-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
20-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
20-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
21	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Turntable rotate	1
21-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
21-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
21-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
22	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform rotate	1
22-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
22-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
22-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
23	6090GT	SCREW, HHC, 1/4-20 X .75	1
24	73749GT	CONN,PLUG 24 WAY,DRC SERIES	1
24-	60757GT	PLUG, SEAL, 12-18GA	

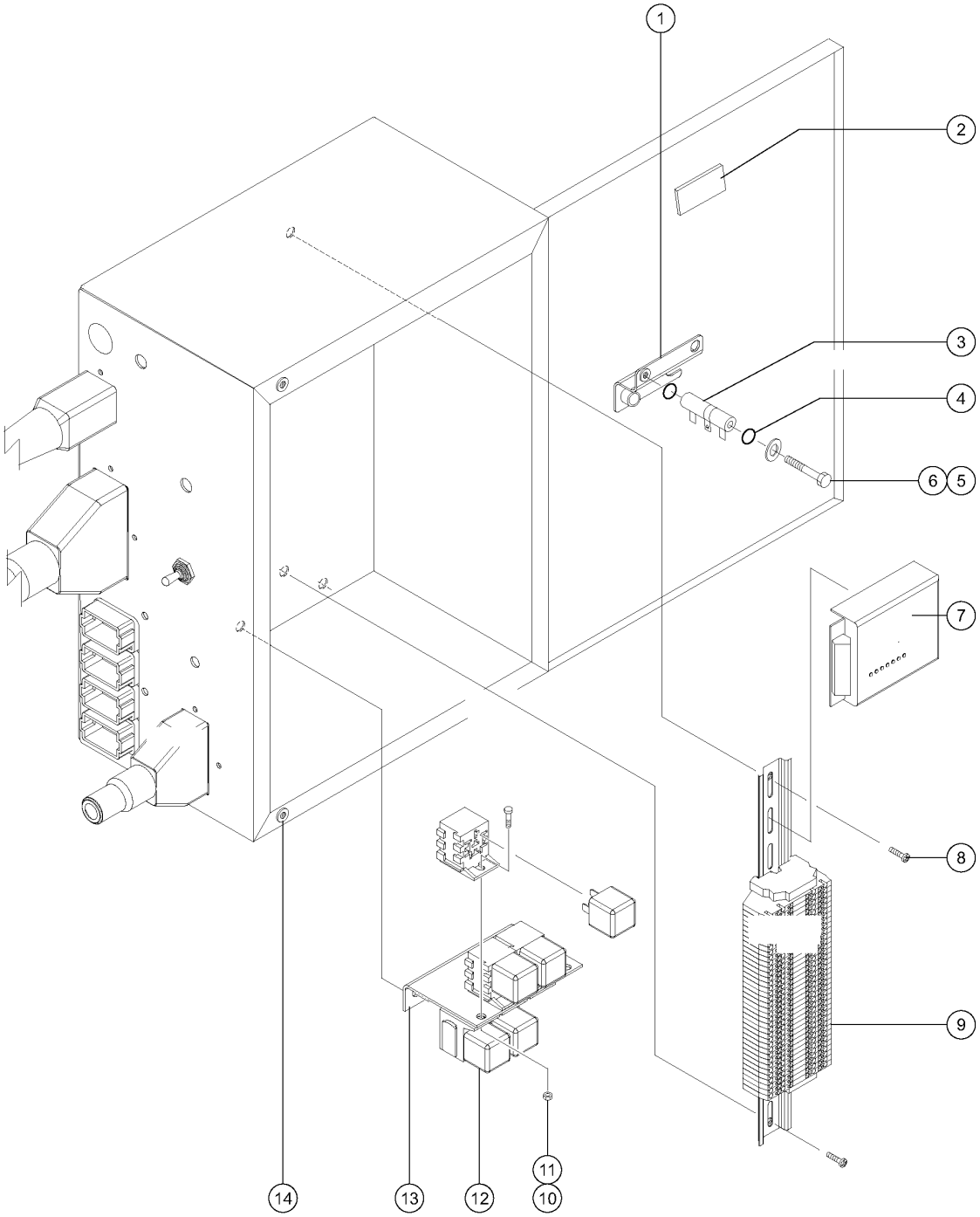
304.2 Ground Control Box - View 1, Z-45/25J



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

Item	Part No.	Description	Qty.
24-	73714GT	TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
25	73753GT	CONN,RECEP 24 WAY,W/FLANGE	1
26		Ref. Engine Wire Harness (refer to 308.1)	
27		Ref. Boom Cable Wire Harness #2 (refer to 308.1)	
28		Ref. Boom Cable Wire Harness #1 (refer to 308.1)	
29	73736GT	CONN,RECEP 48 WAY,4 X 12	1
29-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
30		Ref. Functio Manifold Wire Harness (refer to 308.1)	1
31	73751GT	CONN,PLUG 40 WAY,DRC SERIES	1
32	73754GT	CONN,RECEP 40 WAY,W/FLANGE	1
33		Ref. Platform Controls to 12V DC Wire Harness (refer to 308.1)	
34	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	1
34-	60528GT	LOCK,PLUG 4 WAY,12-14GA***	
35	73754GT	CONN,RECEP 40 WAY,W/FLANGE	1
36	15243GT	PLUG,NYLON .875 BLACK DOMED	

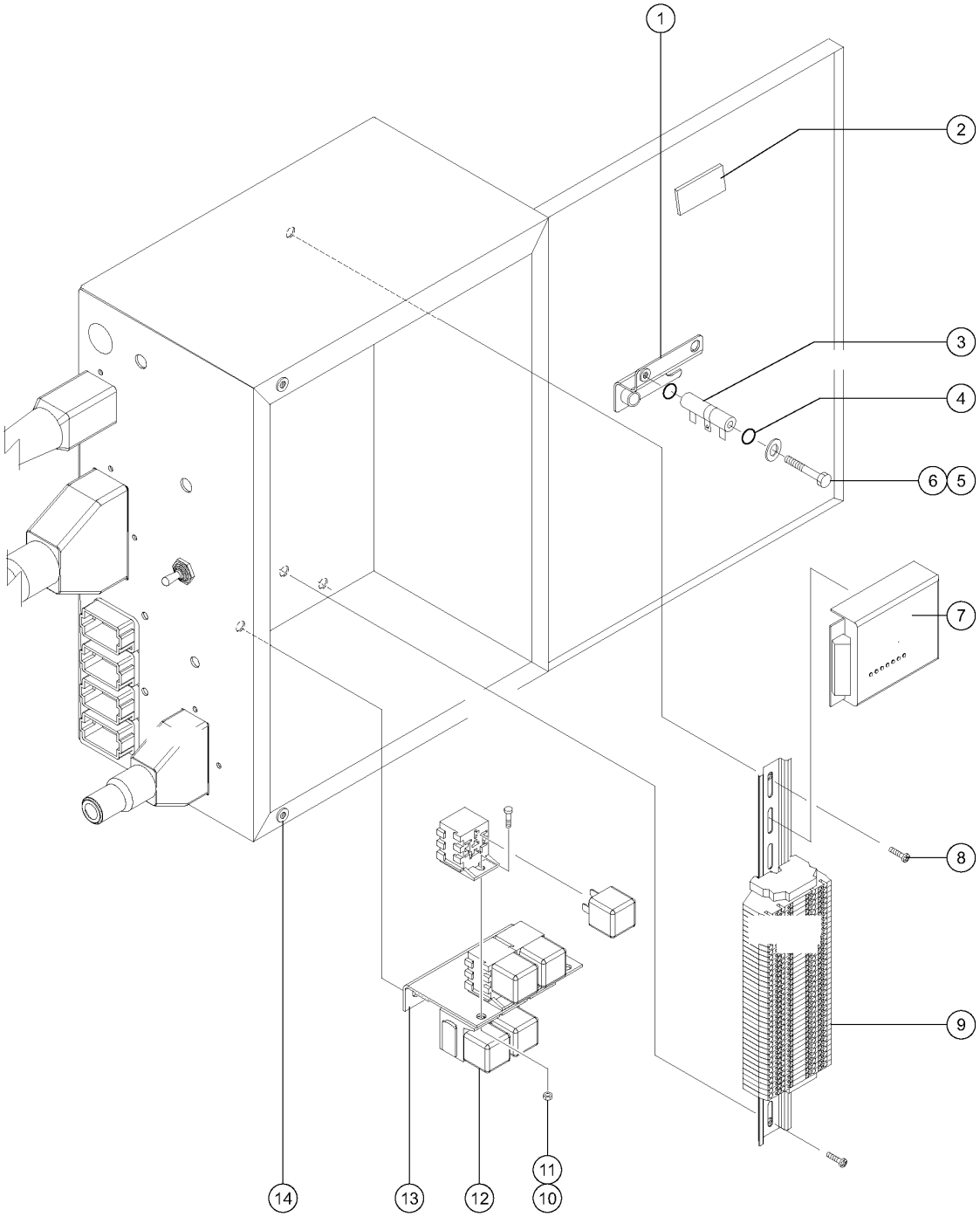
305.1 Ground Control Box - View 2



305.1 Ground Control Box - View 2

Item	Part No.	Description	Qty.
1	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	1
2	30997GT	CORROSION INHIBITOR,FOAM	1
3A	54516GT	RESISTOR,10 OHMS,25W,ADJ*** to SN 22413	1
3B	101010GT	RESISTOR,20 OHMS,25W,ADJ*** from SN 22414	1
4	42646GT	GROMMET,RUBBER .25 X .50"OD	1
5	12343GT	SCREW,HHC,1/4-20 X 3	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	56057GT	MODULE,IGNITION/START,12/24V	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9A	88623GT	ASSEMBLY,TERMINAL RAIL,Z45IC2K to SN 22050	1
9A-	74911GT	TERMINAL BLOCK, WIELAND***	33
9A-	216793GT	TERMINAL BLOCK END PLATE	1
9A-	74913GT	END STOP, DIN RAIL,SCREW CLAMP	1
9A-	74917GT	JUMPER COMB, 2-WAY,WIELAND	1
9A-	74920GT	MARKING TAGS,# 1-10,WIELAND	
9A-	74921GT	MARKING TAGS,# 11-20,WIELAND	
9A-	74922GT	MARKING TAGS,# 21-30,WIELAND	
9A-	74923GT	MARKING TAGS,# 31-40,WIELAND	
9A-	74924GT	MARKING TAGS,# 41-50,WIELAND**	
9B		ASSEMBLY,TERMINAL RAIL ((94593 no longer available) from SN 22051	1
9B-	74911GT	TERMINAL BLOCK, WIELAND*** (for 94593) from 22051	34
9B-	216793GT	TERMINAL BLOCK END PLATE (for 94593) from 22051	1
9B-	74913GT	END STOP, DIN RAIL,SCREW CLAMP (for 94593) from 22051	1
9B-	74917GT	JUMPER COMB, 2-WAY,WIELAND (for 94593) from 22051	1
9C	217046GT	KIT, TERMINAL BLOCK from SN 22051	
9C-	74917GT	JUMPER COMB, 2-WAY,WIELAND (for kit 21746) from SN 22051	
9C-	216791GT	TERMINAL BLOCK,WIELAND (for kit 21746) from SN 22051	
10	6178GT	NUT, NYLOCK, 10-32	

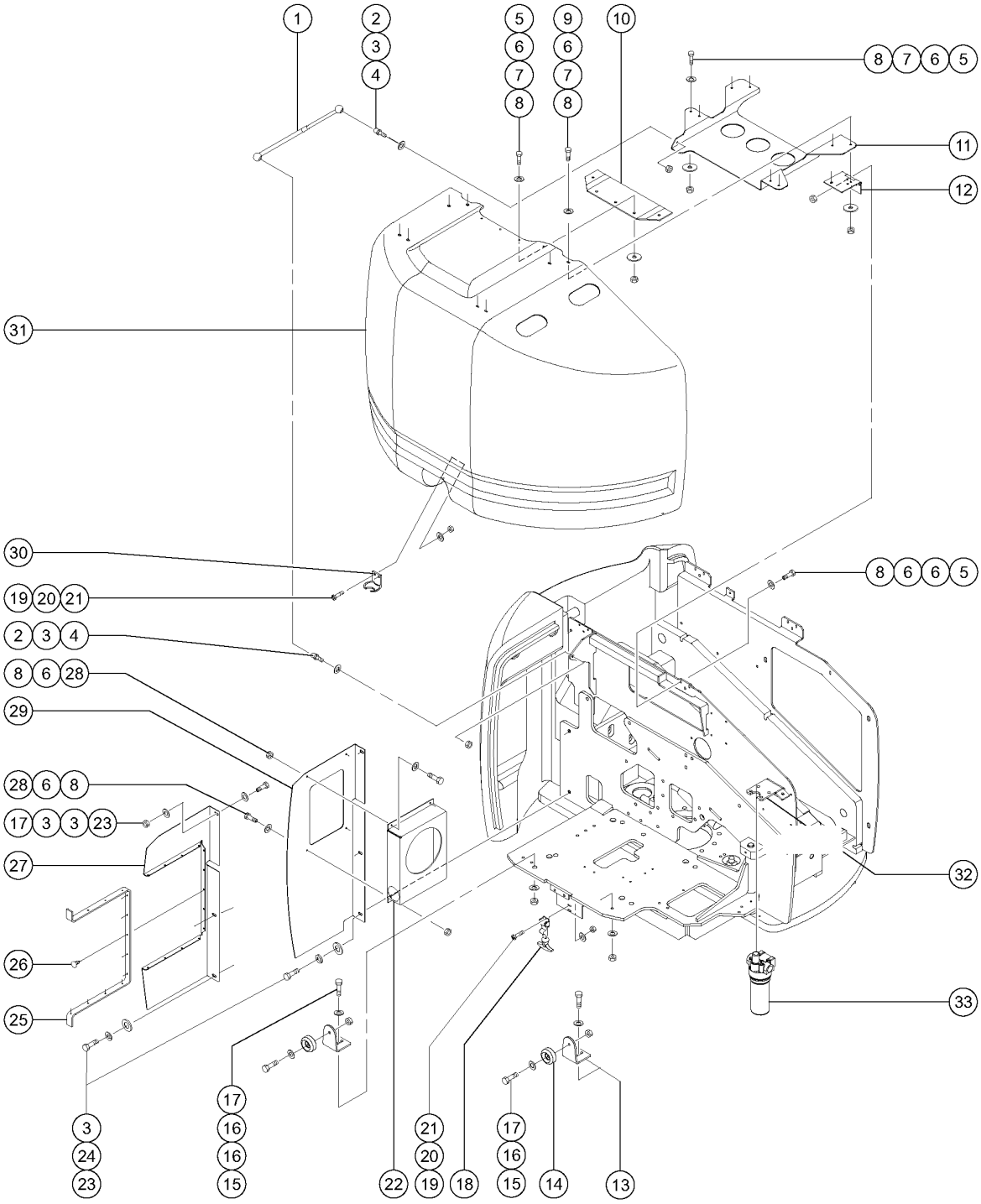
305.1 Ground Control Box - View 2



305.1 Ground Control Box - View 2

Item	Part No.	Description	Qty.
11	49826GT	SCREW,PHILLIPS,PHM,10-32 X.625	
12	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	8
12-	34053GT	ASSY,RELAY SOCKET, AUTO	
12-	34054GT	TERM,RELAY N-INSULATED 10-12 G	
12-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	
13	54534GT	ANGLE,RELAY MNT,W/NUTSERTS,PNT	1
14	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	

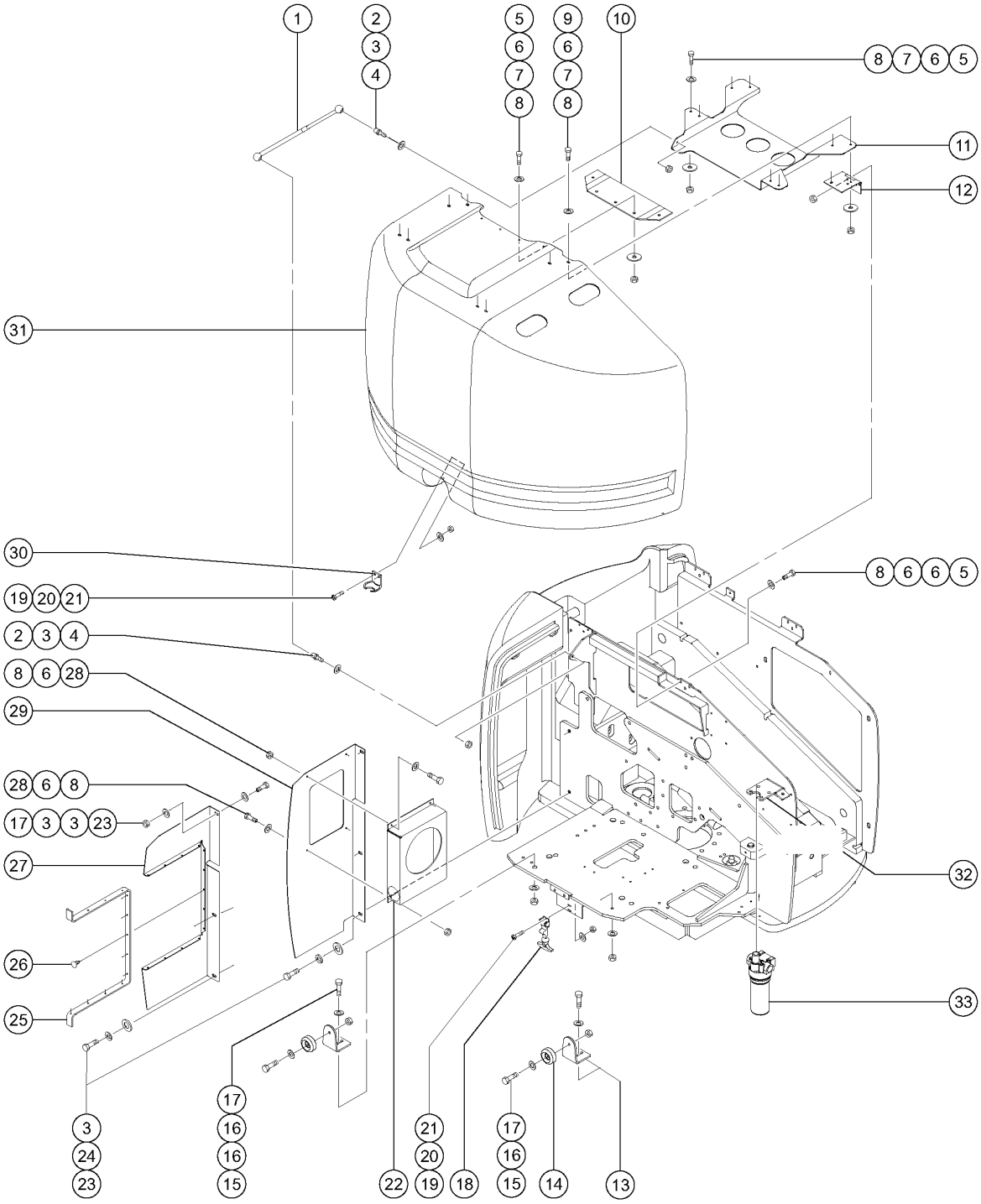
306.1 Turntable Covers, Engine Side



306.1 Turntable Covers, Engine Side

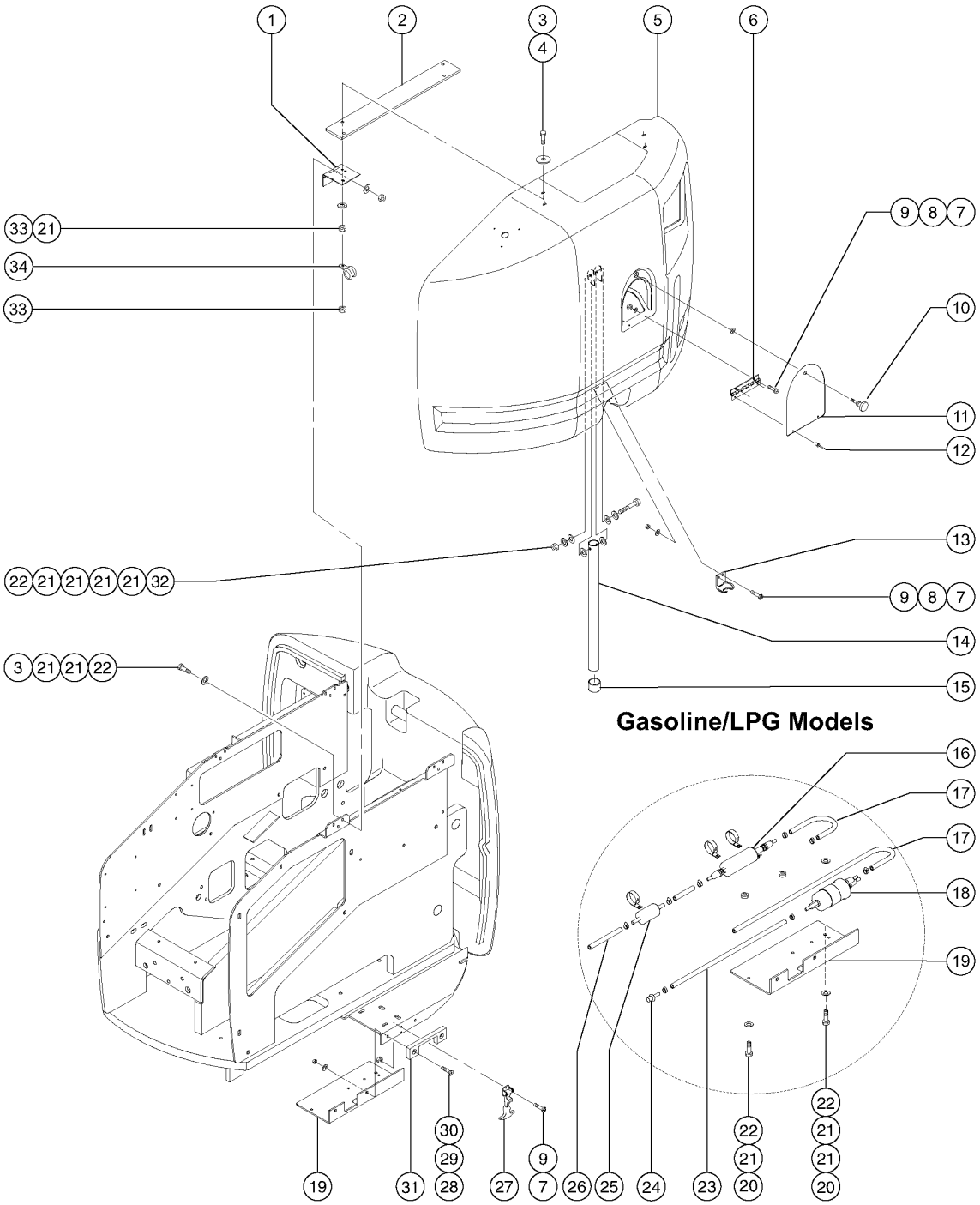
Item	Part No.	Description	Qty.
1	28301GT	GAS STRUT,250 LBS FORCE*** to SN 24864	2
1-	27377GT	RETAINER,GAS SPRING***	2
1-	72256GT	GAS STRUT,CONNECTOR (28301)	
1-	106069GT	STRUT,GAS,200 LB*** from SN 24865	2
1-	33555GT	BALL STUD**	2
2	33555GT	BALL STUD**	2
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	6782GT	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	54146GT	FLAP,RUBBER,ENGINE COVER HOOD to SN 24864	1
10-	106676GT	FORMING,COVER PLATE from SN 24865	1
11	50789PGT	FORMING,ENGINE COVER,PTD to SN 24864	1
11-	106807PGT	FORMING,ENGINE COVER,IC, PTD from SN 24865	1
12	75073GT	HINGE,.375X.120THK.,SLOTTED	2
13	54363GT	BRACKET,RUBBER BUMPER,ENGCOVER	2
14	50974GT	BUMPER,RUBBER,COVERS	2
15	8516GT	SCREW, HCC, 3/8-16 X 1.50	
16	6097GT	WASHER, FLAT, USS, 3/8", Y	
17	4828GT	NUT, NYLOCK, 3/8-16	
18	45363GT	LATCH,FLEXIBLE	2
19	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
20	6146GT	WASHER,FLAT,MS,#10,Y	
21	6178GT	NUT, NYLOCK, 10-32	
22	50580-SGT	DUCT,AIR INTAKE,DEUTZ,Z45/25** Deutz models	1

306.1 Turntable Covers, Engine Side



Item	Part No.	Description	Qty.
23	6175GT	SCREW,HHC,3/8-16 X 1	
24	6021GT	WASHER, LOCK, .375	
25	54616GT	SEAL,RUBBER,BAFFLE,PERKIN/FORD	1
26	54723GT	PLUG,1/4 X .400",BLK	
27	54608PGT	PLATE,AIR BAFFLE,FORD,PAINTED	1
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	52773GT	COVER ASSY.ENGINE SIDE,Z45/25 to SN 24864	1
31-	101573GT	COVER,TRNTBL,LH,W/SYM DECALS to SN 24864	1
31-	107871GT	COVER,TRNTBL,LH,W/WORD DECALS* from SN 24865	1
31-	107872GT	COVER,TRNTBL,LH,W/SYM DECALS from SN 24865	1
32	101043GT	WELDMENT,BULKHEAD,ENG SIDE IC to SN 24864	1
32-	119628GT	WELDMENT,BULKHEAD,ENG SIDE IC from SN 24865	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)***	

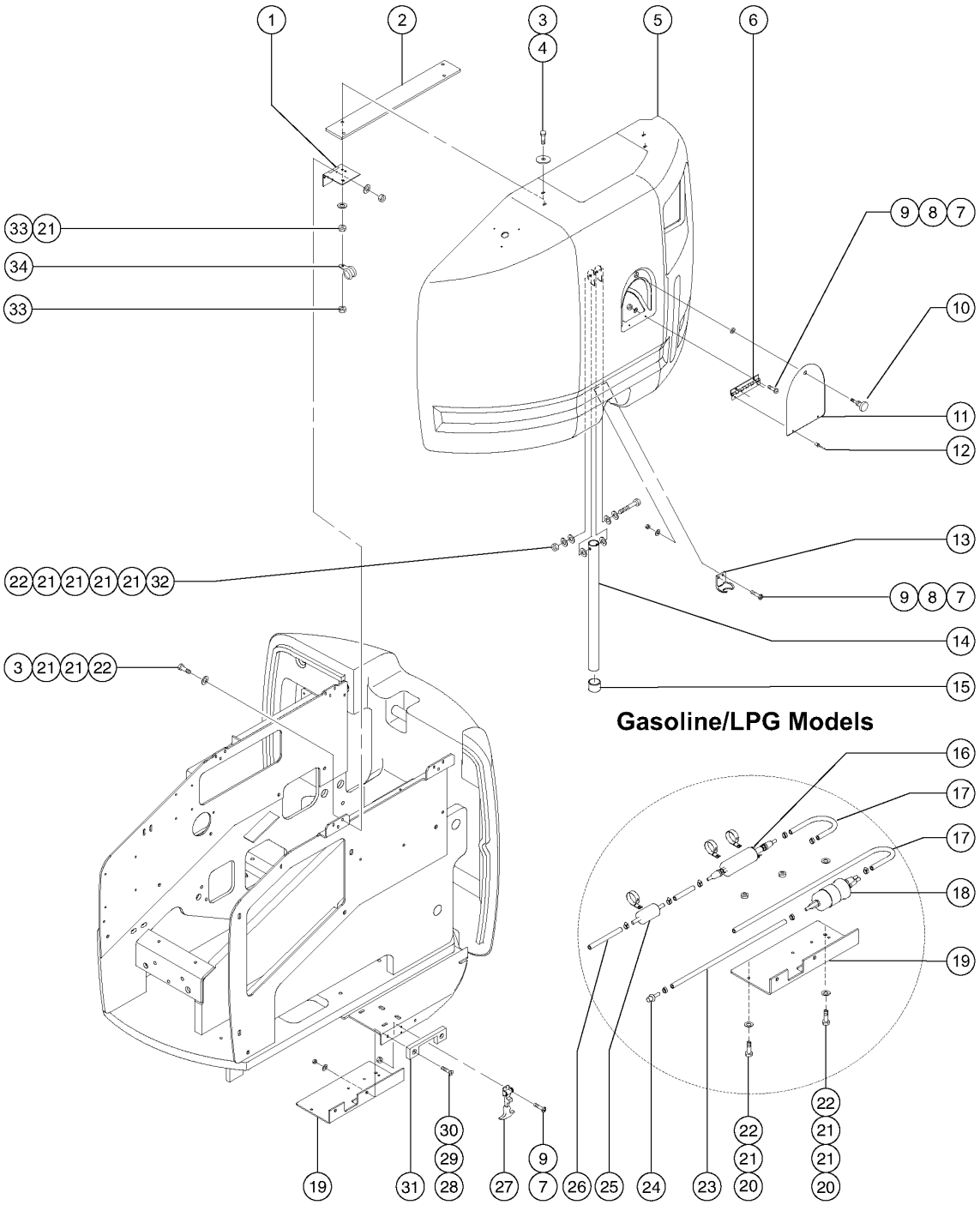
307.1 Turntable Covers, Tank Side



307.1 Turntable Covers, Tank Side

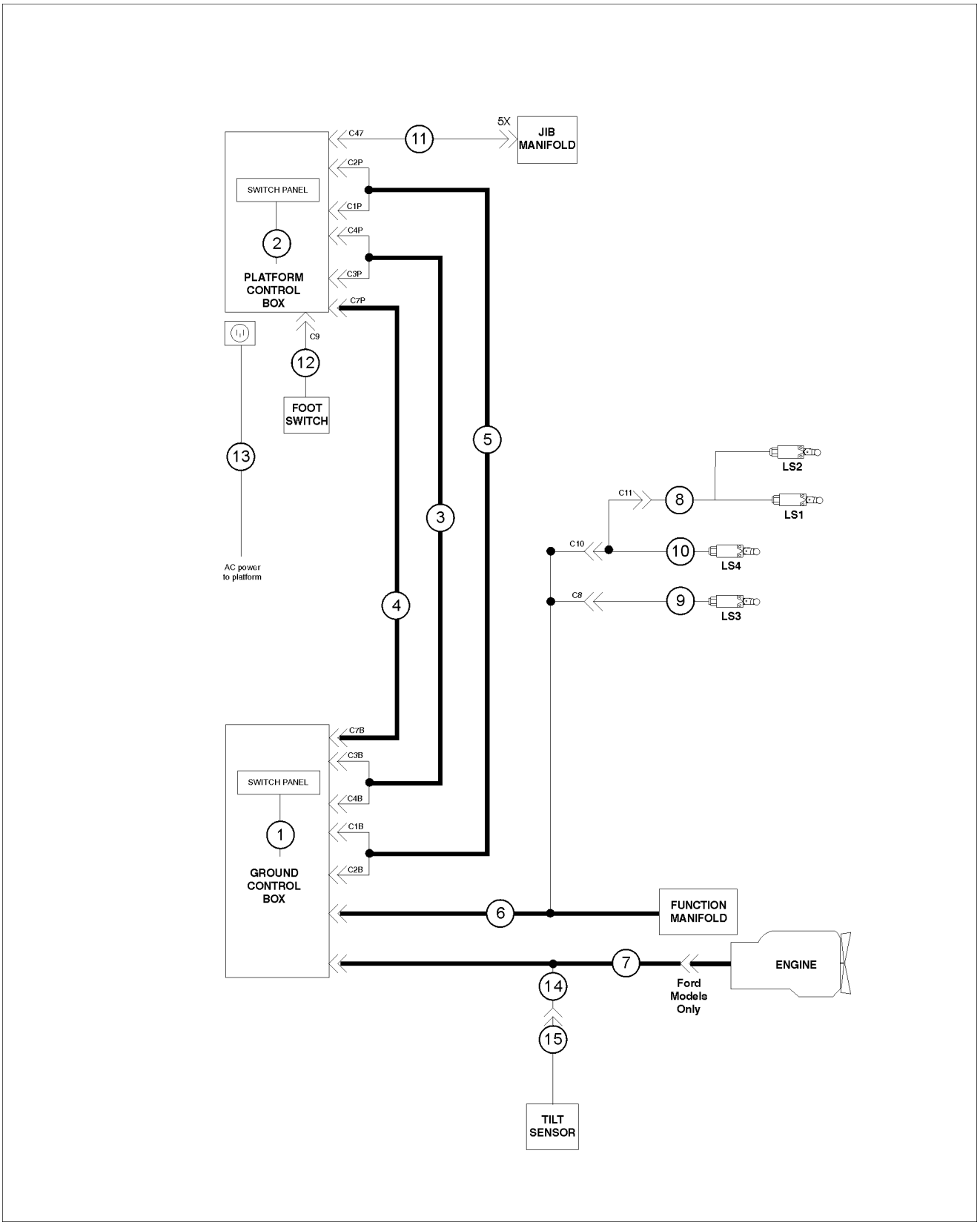
Item	Part No.	Description	Qty.
1	75073GT	HINGE,.375X.120THK.,SLOTTED	2
2	50965PGT	PLATE,COVER SPACER,PAINTED	1
3	6145GT	SCREW, HHC, 1/4-20 X 1.5	
4	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
5	52774-SGT	COVER ASSY.HYD.TANKSIDE,Z45/25	1
5-	101574GT	COVER,TRNTBL,RH,W/SYM DECALS	1
6	50971GT	HINGE,FUEL DOOR	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	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



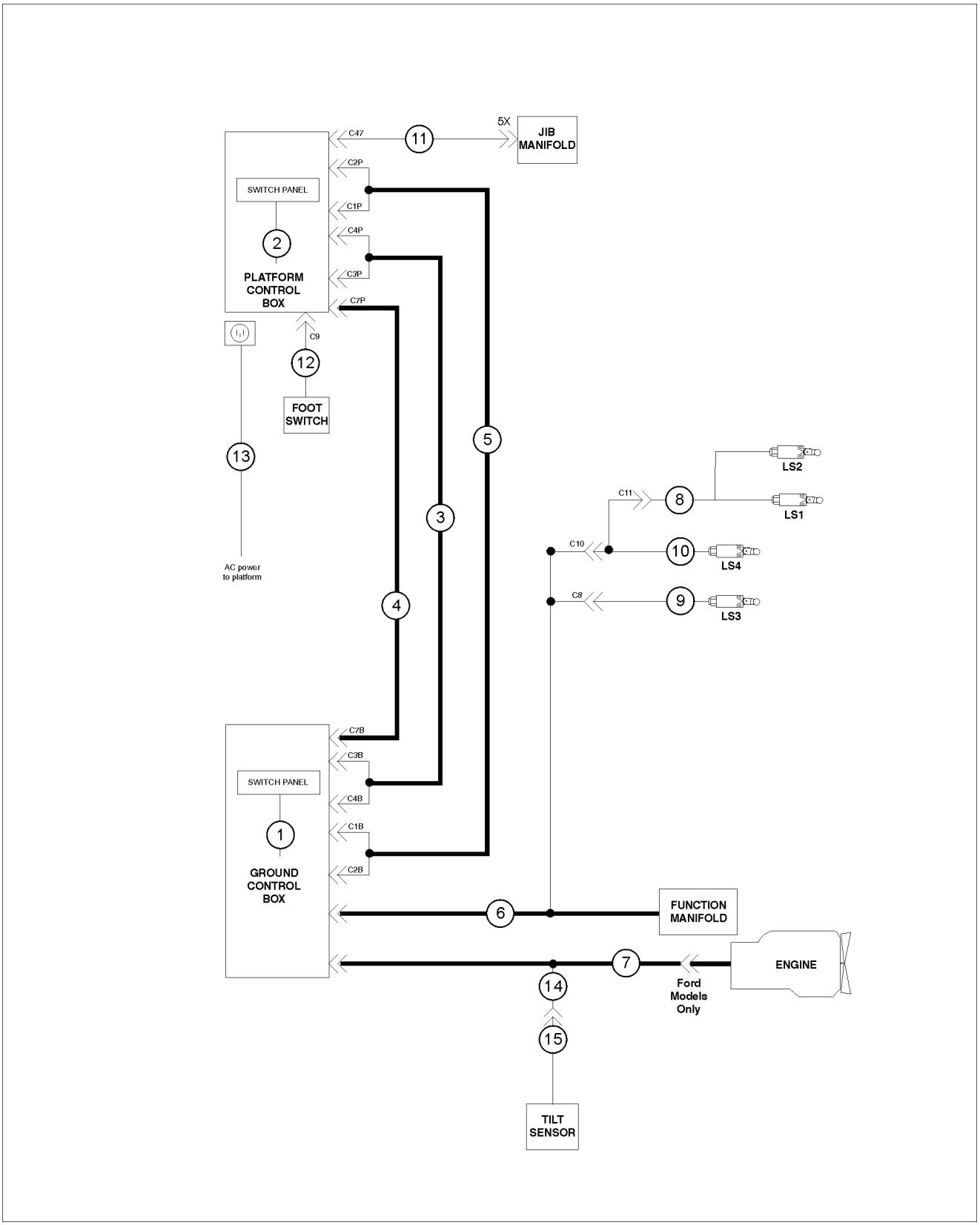
Item	Part No.	Description	Qty.
23	27089GT	HOSE,5/16 FUEL,SAE 30R7	1
24		CONN. BODY, 6.35 X 14.1, FORD (no longer available)	1
25	52179GT	FILTER, FUEL LRG 425/423 EFI	1
25-	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	
25-	27089GT	HOSE,5/16 FUEL,SAE 30R7	
26	27089GT	HOSE,5/16 FUEL,SAE 30R7	
27	45363GT	LATCH,FLEXIBLE	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	

308.1 Wire Harness Diagram



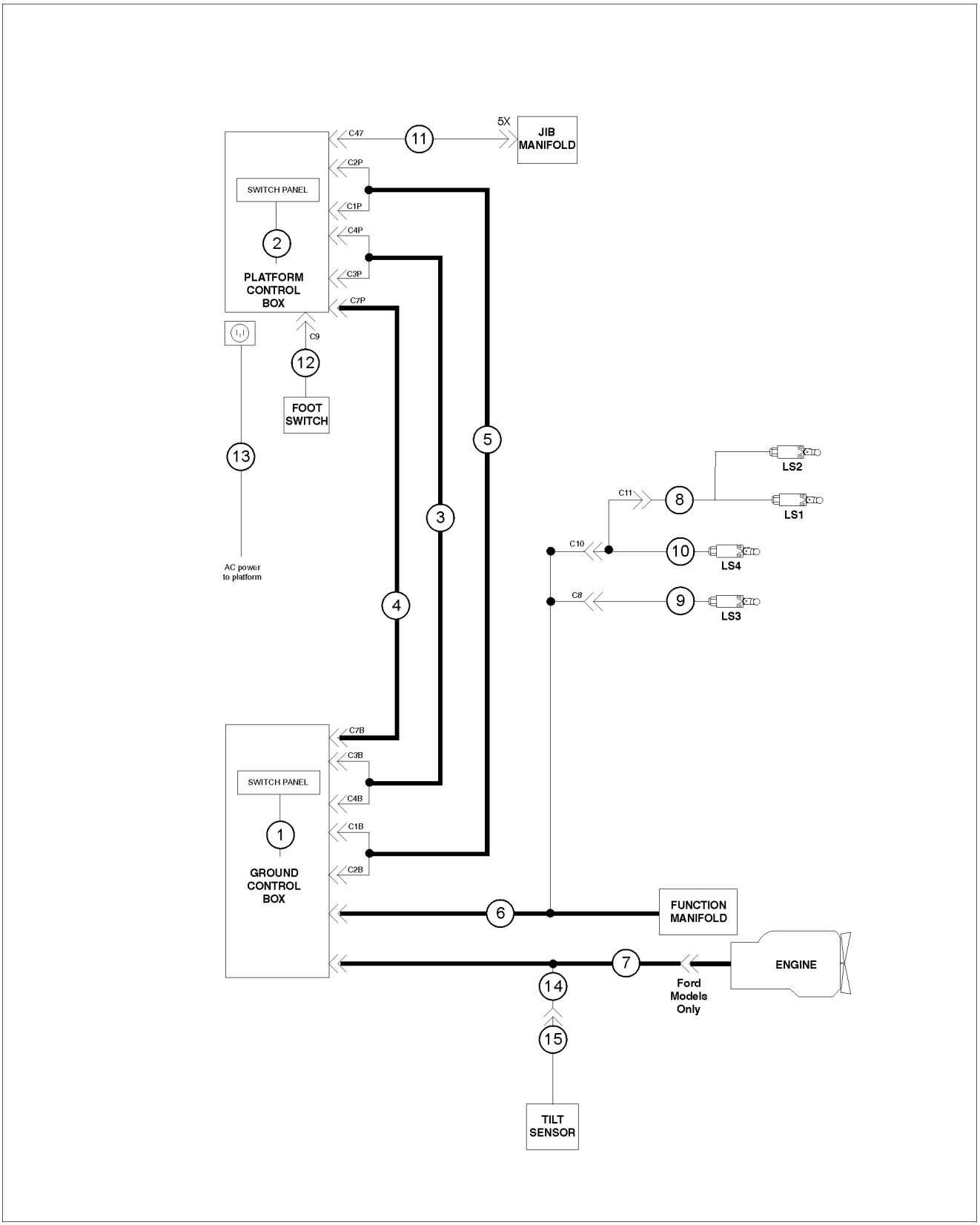
Item	Part No.	Description	Qty.
-	77067GT	HARNESS,ALARM OPTION,Z45	
1	94679GT	HARNESS,GC BOX	
2	T108153GT	HARNESS KIT,Z45/51 PLAT BOX includes three adapter cables	
2-	119611GT	HARNESS,PBOX JOYSTICKS (for use after 1st time replacement of p/n T108153)	
2-	119612GT	HARNESS,PBOX WIRING*** (for use after 1st time replacement of p/n T108153)	
2-	122125GT	ADAPTER CABLE, JS100 JOYSTICK (for use after 1st time replacement of p/n T108153)	
3	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 Green and brown plug (Z-45/25J)	
3-	88721-73000GT	HARNESS,18/19 BOOM CABLE #1 Green and brown plug (Z-45/25NJ)	
4	88723-72700GT	HARNESS,12/3,12V TO PLAT (Z-45/25NJ)	
4-	88723-71000GT	HARNESS,12/3,12V TO PLAT (Z-45/25J)	
5	88722-73000GT	HARNESS,18/19,BOOM CABLE #2 Gray and black plug (Z-45/25NJ)	
5-	88722-72000GT	HARNESS,18/19,BOOM CABLE #2 Gray and black plug (Z-45/25J)	
6	77424GT	HARNESS,FUNCTION Z45/25 IC **	
6-	94774GT	HARNESS,FUNCTION	
7	77420GT	HARNESS,ENGINE,FORD	
7-	101887GT	HARNESS,FORD ENGINE EFI	
7-	77429GT	HARNESS,ENGINE,PERKINS**8	
7-	101849GT	HARNESS,PERKINS ENGINE***	
7-	77426GT	HARNESS,ENGINE,DEUTZ******	
7-	101886GT	HARNESS,ENGINE,DEUTZ	
8	88725GT	HARNESS,LS,PRIM/EXT	
9	106279GT	HARNESS,LS,D.E. Z45IC	
10	88724GT	HARNESS,LS,PRIM/EXT/SEC	
11	101080GT	HARNESS,JIB SELECT MANIFOLD	
11A	119867GT	WIRING KIT,JIB TIME DELAY IC	
11A-	43181GT	CAPACITOR,TIME DELAY	
11A-	19274GT	RELAY,SPDT,12V(AUTO)**	
12		REF: Foot Switch Assembly (reference 601.1)	

308.1 Wire Harness Diagram



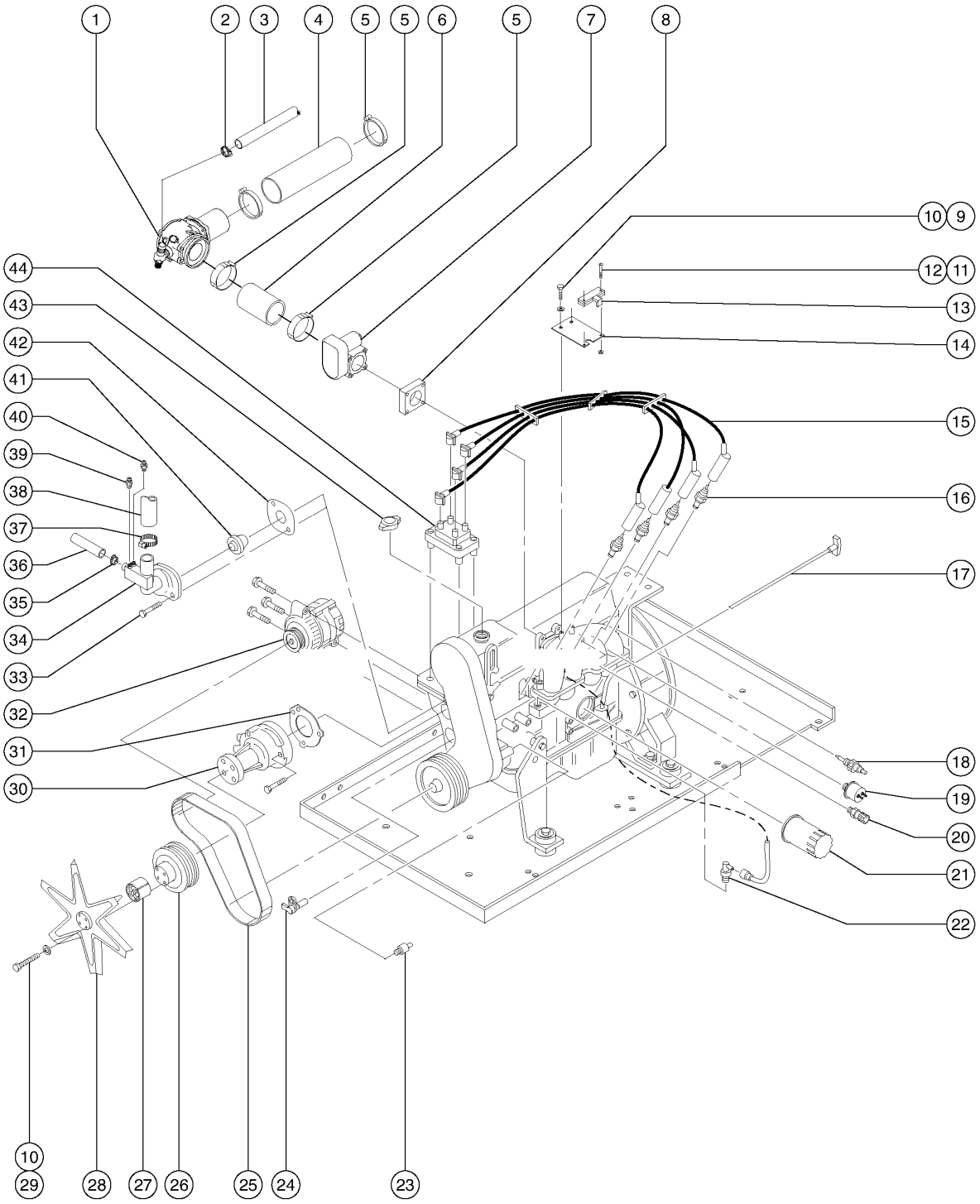
Item	*Part No.*	*Description*	*Qty.*
13A	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT* 740 Z-45/25	
14	1260218GT	HARNESS,TILT ALARM,12V ..... 1 for CSA models from SN 21179	
15	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN ..... 1 for CSA models with 6-pin connectors from SN 21179	

308.2 Wire Harness Diagram



Item	Part No.	Description	Qty.
1	94679GT	HARNESS,GC BOX	
2	T108153GT	HARNESS KIT,Z45/51 PLAT BOX includes three adapter cables	
3	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 green and brown plug (Z-45/25J)	
3-	88721-73000GT	HARNESS,18/19 BOOM CABLE #1 green and brown plug (Z-45/25NJ)	
4	88723-72700GT	HARNESS,12/3,12V TO PLAT (Z-45/25NJ)	
4-	88723-71000GT	HARNESS,12/3,12V TO PLAT (Z-45/25J)	
5	88722-73000GT	HARNESS,18/19,BOOM CABLE #2 gray and black plug (Z-45/25NJ)	
5-	88722-72000GT	HARNESS,18/19,BOOM CABLE #2 gray and black plug (Z-45/25J)	
6	77424GT	HARNESS,FUNCTION Z45/25 IC **	
6-	94774GT	HARNESS,FUNCTION	
7	77420GT	HARNESS,ENGINE,FORD	
7-	101887GT	HARNESS,FORD ENGINE EFI	
7-	77429GT	HARNESS,ENGINE,PERKINS**8	
7-	101849GT	HARNESS,PERKINS ENGINE***	
7-	77426GT	HARNESS,ENGINE,DEUTZ******	
7-	101886GT	HARNESS,ENGINE,DEUTZ	
8	88725GT	HARNESS,LS,PRIM/EXT	
9	106279GT	HARNESS,LS,D.E. Z45IC	
10	88724GT	HARNESS,LS,PRIM/EXT/SEC	
11	101080GT	HARNESS,JIB SELECT MANIFOLD	
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)	
13B	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT* Z-45/25J	810
14	1260218GT	HARNESS,TILT ALARM,12V for CSA models from SN 21179	1
15	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN for CSA models with 6-pin connector from SN 21179	1

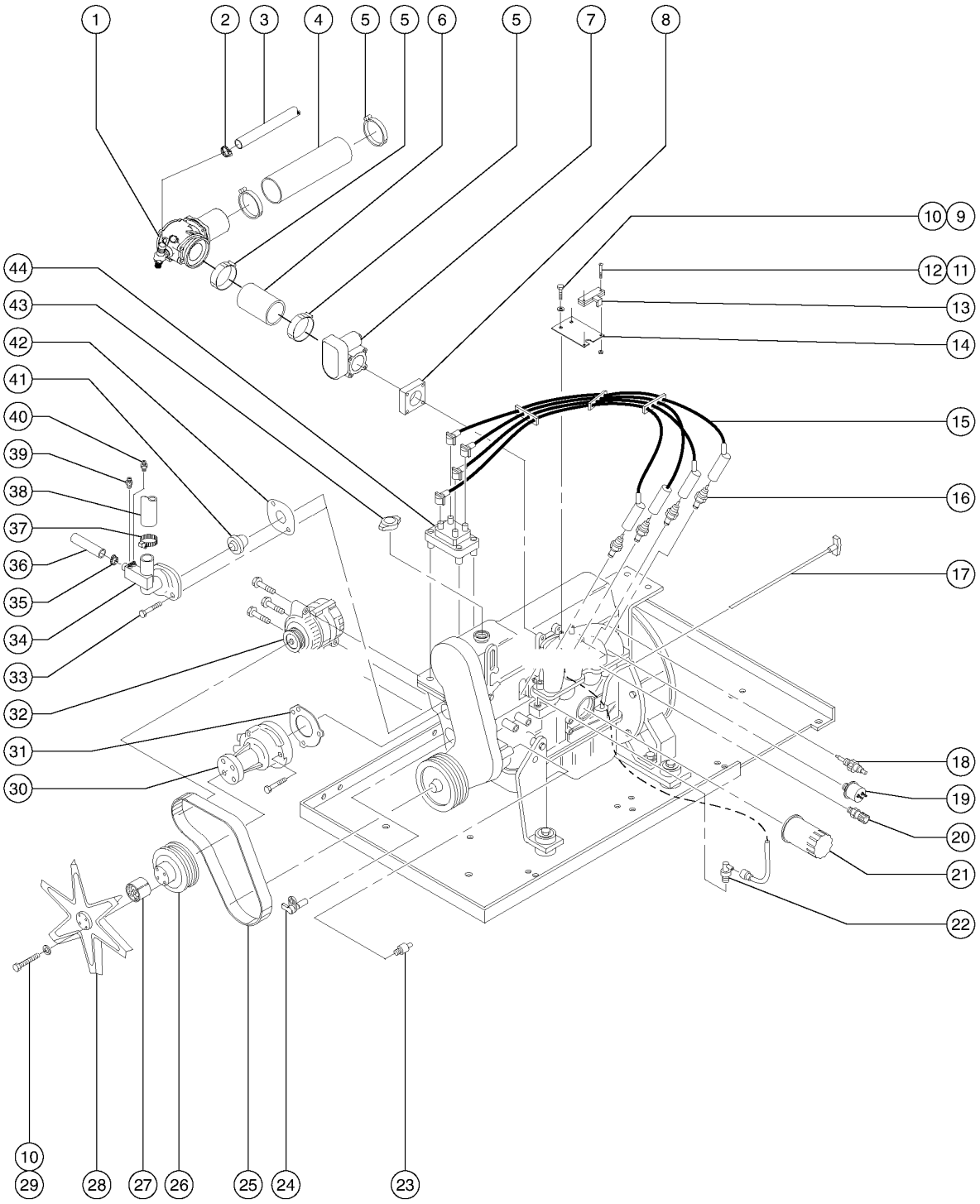
401.1 Ford LRG-425 EFI Engine - View 1 (to SN 23189)



401.1 Ford LRG-425 EFI Engine - View 1 (to SN 23189)

Item	Part No.	Description	Qty.
	49735GT	ENGINE,FORD LRG 425,EFIZ45 (remanufactured long block only, does not include starter, alternator, radiator or fuel system)	
	65770GT	BELT,TIMING,FORD LRG423/425EFI	
		ENGINE PERFORMANCE MODULE T1** from SN 21180 to 23213. (no longer available)	1
	50574GT	BRACKET,RELAY PANEL mounts on front engine (spark plug side)	1
	52592GT	RELAY - LRG425 EFI mounts on Bracket 50574GT	3
1	58598GT	AIR VALVE MIXER	1
1-	58599GT	DIAPHRAGM,AIR VALVE MIXER	
1-	106144GT	AIR HORN,NOLFF MIXER,ALUMINUM*	
1-	119203GT	GASKET,NOLFF AIR HORN(106144)*	
2	46131GT	CLAMP,HOSE,.63" - 1.0" X .5"	1
3	81631GT	HOSE,VAPOR,LP SPECIFIC	1
4	77166GT	HOSE,AIR CLEANER,FORD/NOLFF	1
5	30971GT	CLAMP,HOSE,3.00"	2
6	27211-0250GT	HOSE,AIR INTAKE,2.625"IDX2.50"	1
7	88451GT	THROTTLE ACTUATOR*(BOSCH)	1
7-	88452GT	GASKET,THROTTLE ACTUATOR***	
8	88455GT	ADAPTER,THROTTLE ACTUATOR*** no longer available	1
8	52579GT	GASKET,ADAPTER PLATE,425EFI***	
9	23057GT	SCREW,HHC,M8 X 20MM	
10	49408GT	WASHER, LOCK, M8	
11	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
12	6178GT	NUT, NYLOCK, 10-32	
13	49898GT	MAP SENSOR, EFI	1
14	53821PGT	BRACKET,MAP SENSOR,PAINTED	1
15	52570GT	SPARK PLUG WIRE SET, LRG425EFI	1
16	28647GT	SPARK PLUG,FORD	1
16	52656GT	FUEL INJECTOR, LRG-425 EFI not shown	
17	52566GT	DIPSTICK, OIL LEVEL,LRG425 EFI	1

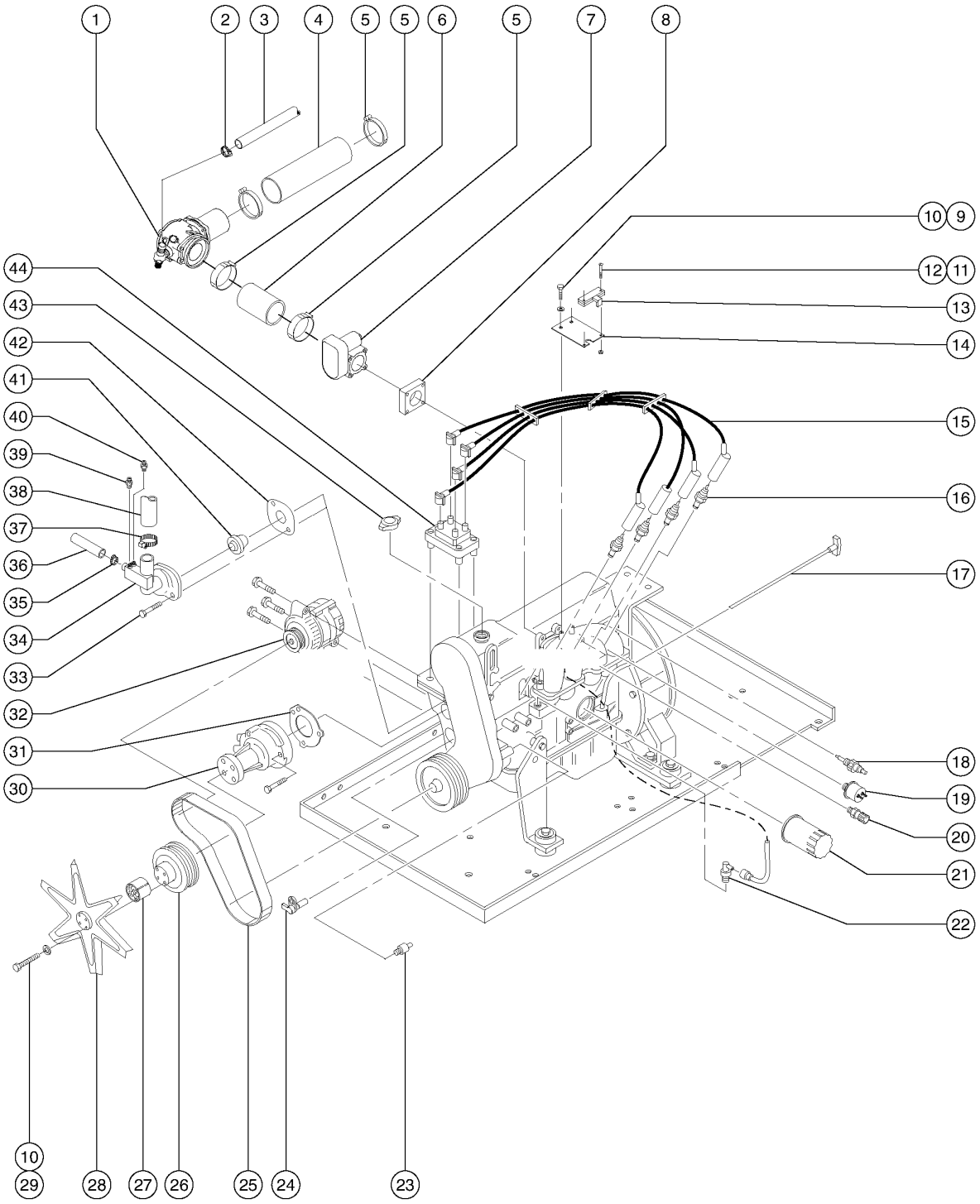
401.1 Ford LRG-425 EFI Engine - View 1 (to SN 23189)



401.1 Ford LRG-425 EFI Engine - View 1 (to SN 23189)

Item	Part No.	Description	Qty.
18	33972GT	SENSOR,COOLANT TEMP*	1
19	30810GT	SENDING UNIT,OIL PRESSURE*** dual-terminal sender	1
20	88450GT	SENSOR,OXYGEN LRG425EFI	1
21	28656GT	FILTER,OIL,FORD Genie genuine part	1
21-	1259054GT	FILTER, OIL, FORD Genie aftermarket part	
22	33957GT	VALVE,PCV-FORD LRG***	1
23	58900GT	SENSOR,CAM,EFI***	1
24	33968GT	SENSOR, CRANK POSITION	1
25	52580GT	BELT,SERPENTINE,LRG425 EFI***	1
26	52078GT	PULLEY,FORD ENGINE,LRG-423***	1
27	52077GT	SPACER,FAN TO WATERPUMP LRG423	1
28		FAN, LSG423/LRG425 (52076) component no longer available	1
29	32309GT	SCREW,HHC,M8 X 60MM X 1.25	
30	33963GT	PUMP, WATER, WITH GASKET includes item 31	1
31	33964GT	GASKET, WATER PUMP	1
32	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
32-	71910GT	TERMINAL KIT, FORD ALTERNATOR	
33	65454GT	BOLT-FLANGE,M6 X 22MM(52573)	
34	52573GT	THERMOSTAT HOUSING, LRG425 EFI	1
35	36208GT	CLAMP,HOSE,1.25***	1
36	52762GT	HOSE,WATER INLET,LRG425 EFI	1
37	22672GT	CLAMP,HOSE,1.75	1
38	54862GT	HOSE,UPPER RADIATOR,Z45	1
39	65456GT	SENDING UNIT-H20TMP LRG425EFI*	1
40	33972GT	SENSOR,COOLANT TEMP*	1
41	33966GT	THERMOSTAT, FORD LRG	1
42	52575GT	GASKET,THERM.HSNG O-RING	1
43	49881GT	OIL FILLER CAP FOR LRG ENGINE	1

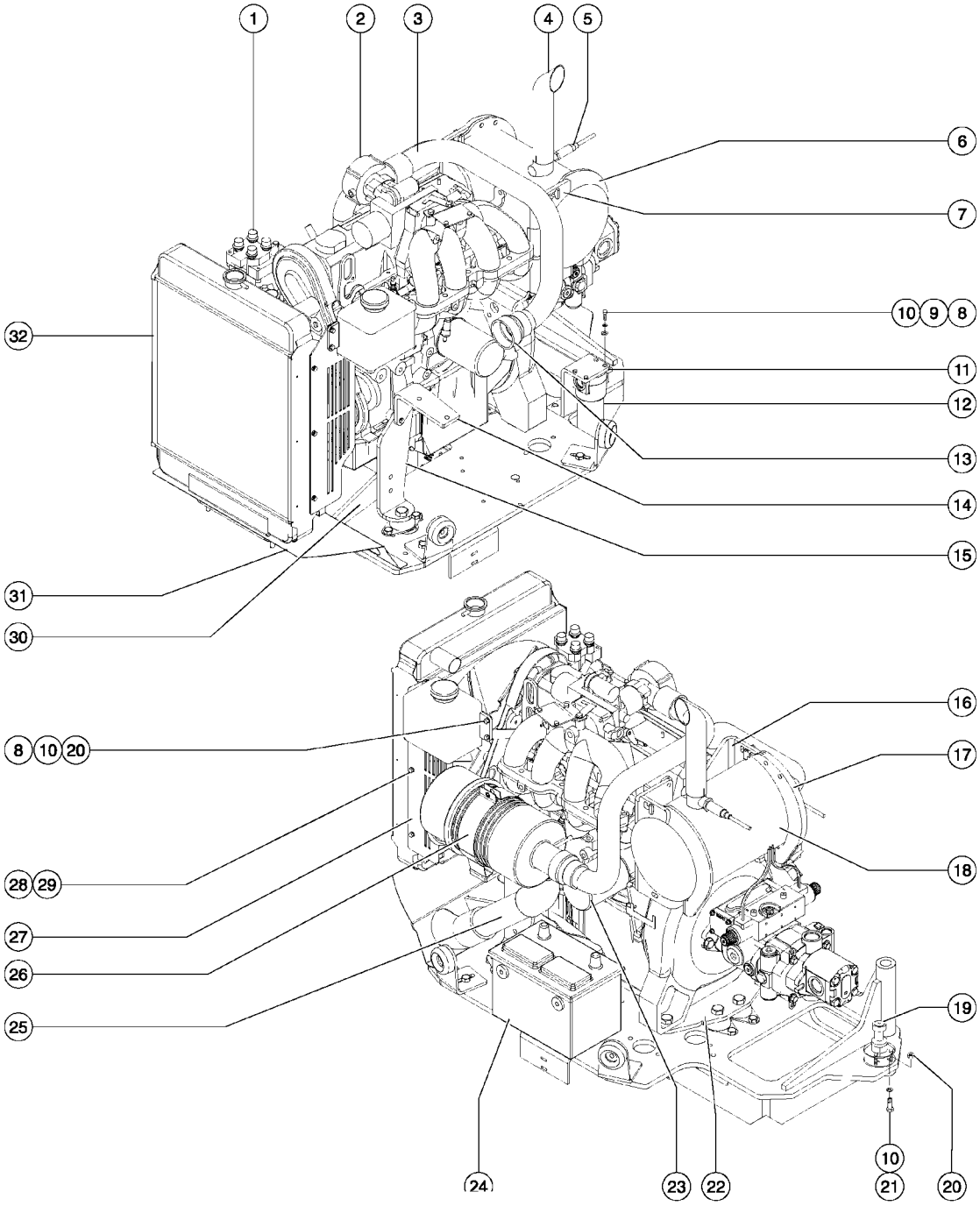
401.1 Ford LRG-425 EFI Engine - View 1 (to SN 23189)



401.1 Ford LRG-425 EFI Engine - View 1 (to SN 23189)

Item	*Part No.*	*Description*	*Qty.*
44	33970GT	COIL, ELECTRONIC IGN., FORD	1

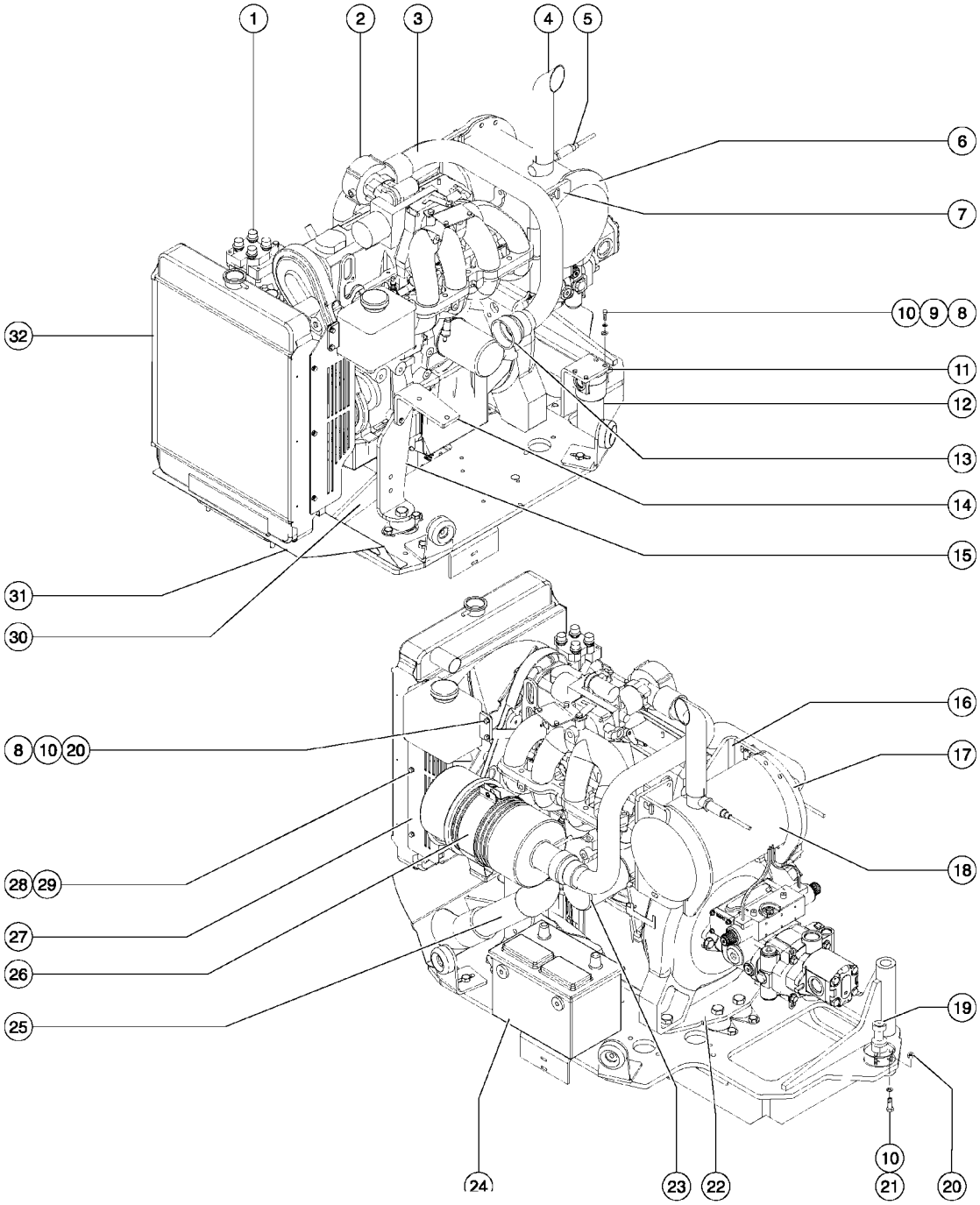
401.2 Ford LRG-425 EFI Engine - View 1 (from SN 23190)



401.2 Ford LRG-425 EFI Engine - View 1 (from SN 23190)

Item	Part No.	Description	Qty.
	65770GT	BELT,TIMING,FORD LRG423/425EFI	
	77114GT	SWITCH,OIL PRES.FORD,NORM.OPEN single terminal	1
		ENGINE PERFORMANCE MODULE T2** from SN 23214 (no longer available)	1
	33963GT	PUMP, WATER, WITH GASKET	
	33966GT	THERMOSTAT, FORD LRG	
	52575GT	GASKET,THERM.HSNG O-RING	
1	33970GT	COIL, ELECTRONIC IGN., FORD	1
1-	52570GT	SPARK PLUG WIRE SET, LRG425EFI not shown	1
1-	28647GT	SPARK PLUG,FORD not shown	4
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	6356GT	WASHER, LOCK, .25	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
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	1
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

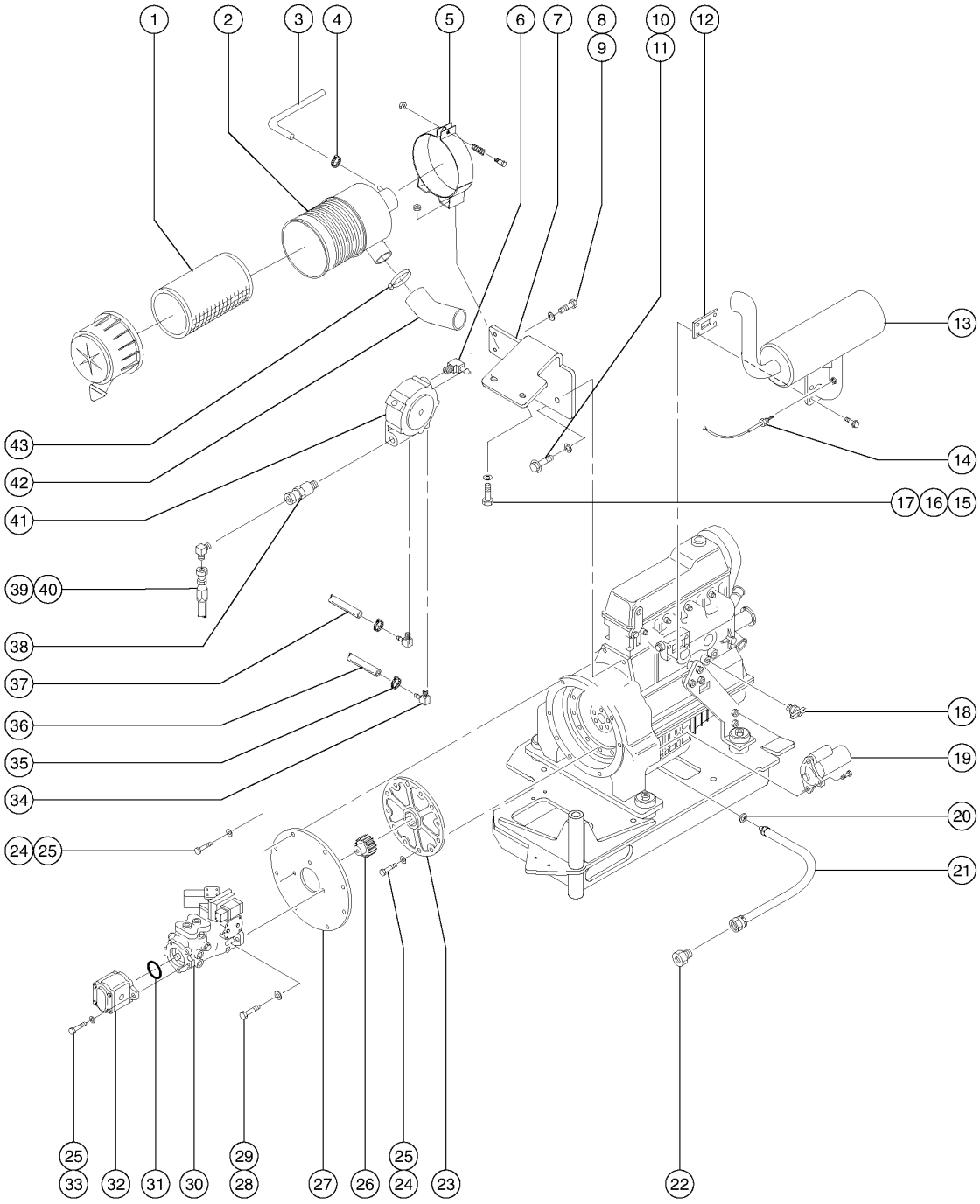
401.2 Ford LRG-425 EFI Engine - View 1 (from SN 23190)



401.2 Ford LRG-425 EFI Engine - View 1 (from SN 23190)

Item	Part No.	Description	Qty.
18	106178GT	WELDMENT,MUFFLER,FORD TIER2	1
19		SENSOR,LEVEL,4.5 DEG refer to 410.1	1
20	6091GT	NUT,NYLOCK,1/4-20	
21	6888GT	SCREW, HHC, 1/4-20 X 1	
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.	1
25-	60036GT	HOSE,AIR INTAKE,FORD EFI*** No longer available	1
26	111634GT	AIR CLEANER,FORD,T3	1
26-	227988GT	VACUATOR VALVE	
26-	58247GT	AIR CLEANER CAP/ FORD/NOLFF***	
26-	1277991GT	CLIP,AIR CLEANER COVER (58247) for 58247	
26-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
26-	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
26-	77295GT	FILTER ELEMENT,AIR,NOLFF LPG	1
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
32	110304GT	RADIATOR,FORD/PERKINS***	1

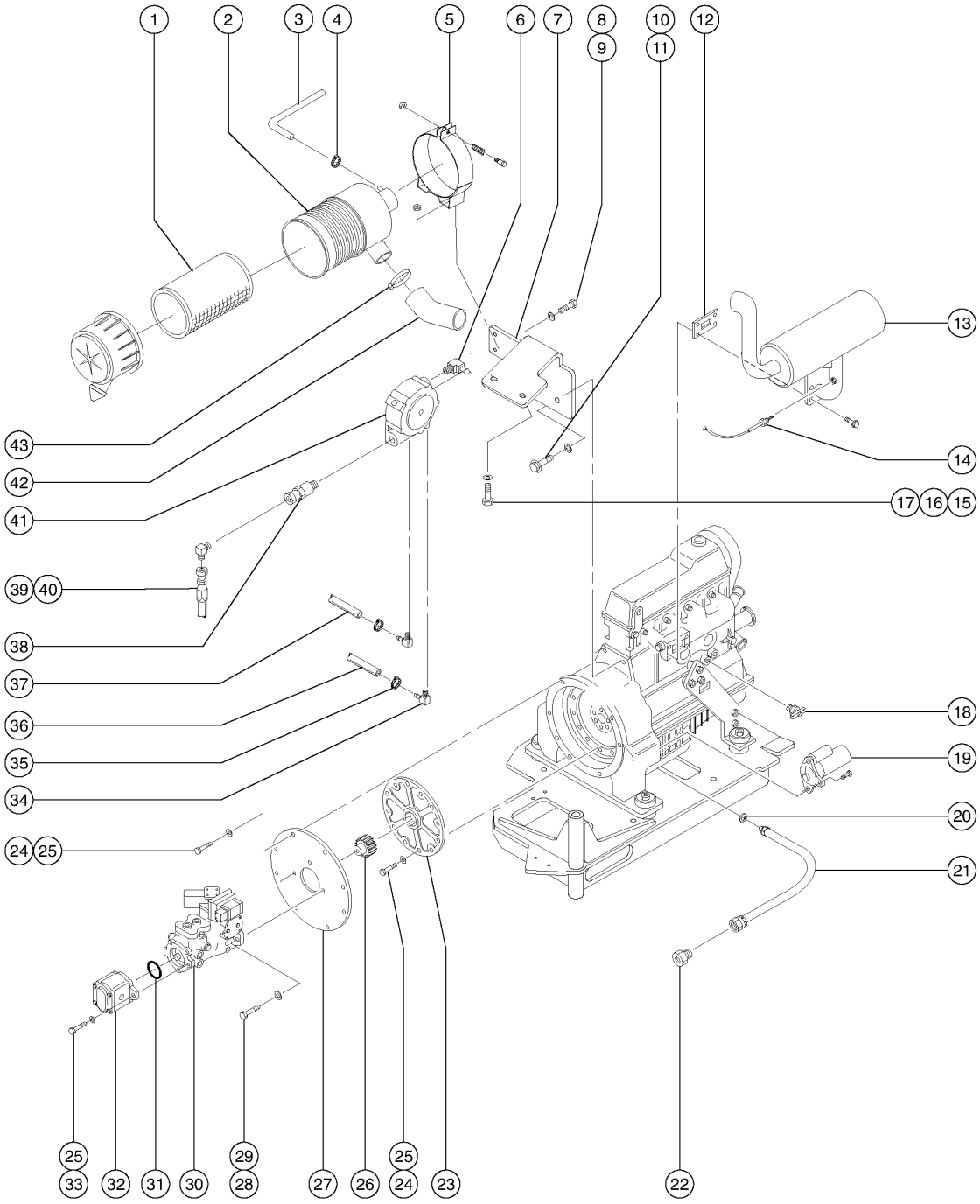
402.1 Ford LRG-425 EFI Engine - View 2 (to SN 23189)



402.1 Ford LRG-425 EFI Engine - View 2 (to SN 23189)

Item	Part No.	Description	Qty.
1	77295GT	FILTER ELEMENT,AIR,NOLFF LPG	1
2	111634GT	AIR CLEANER,FORD,T3 includes item 1	1
2-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
2-	227988GT	VACUATOR VALVE	
2-	58247GT	AIR CLEANER CAP/ FORD/NOLFF***	
2-	1277991GT	CLIP,AIR CLEANER COVER (58247) for 58247	
3	54209GT	HOSE,1/2" X 24" LG	
4	46131GT	CLAMP,HOSE,.63" - 1.0" X .5"	1
5	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
6	36203GT	ELBOW,90DEG.3/8MPT-5/8 BARB	1
7	77165PGT	BRACKET,AIR CLEANER MNT,PAINT	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6356GT	WASHER, LOCK, .25	
10	25548GT	SCREW,HHC,M10 X 40MM,GRD8	
11	22700GT	WASHER,LOCK,M10	
12	27142GT	GASKET,EXHAUST***	1
13	50446GT	MUFFLER,FORD LRG EFI,Z45	1
14	88450GT	SENSOR,OXYGEN LRG425EFI	1
15	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
18	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
19	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
19	29606GT	RING GEAR,FORD***	1
20	53910GT	GASKET, FORD OIL DRAIN	1
21	63427GT	HOSE ASSY,FORD OIL DRAIN 1/2"	1
22	63426GT	PLUG,070109-8	1
23	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1

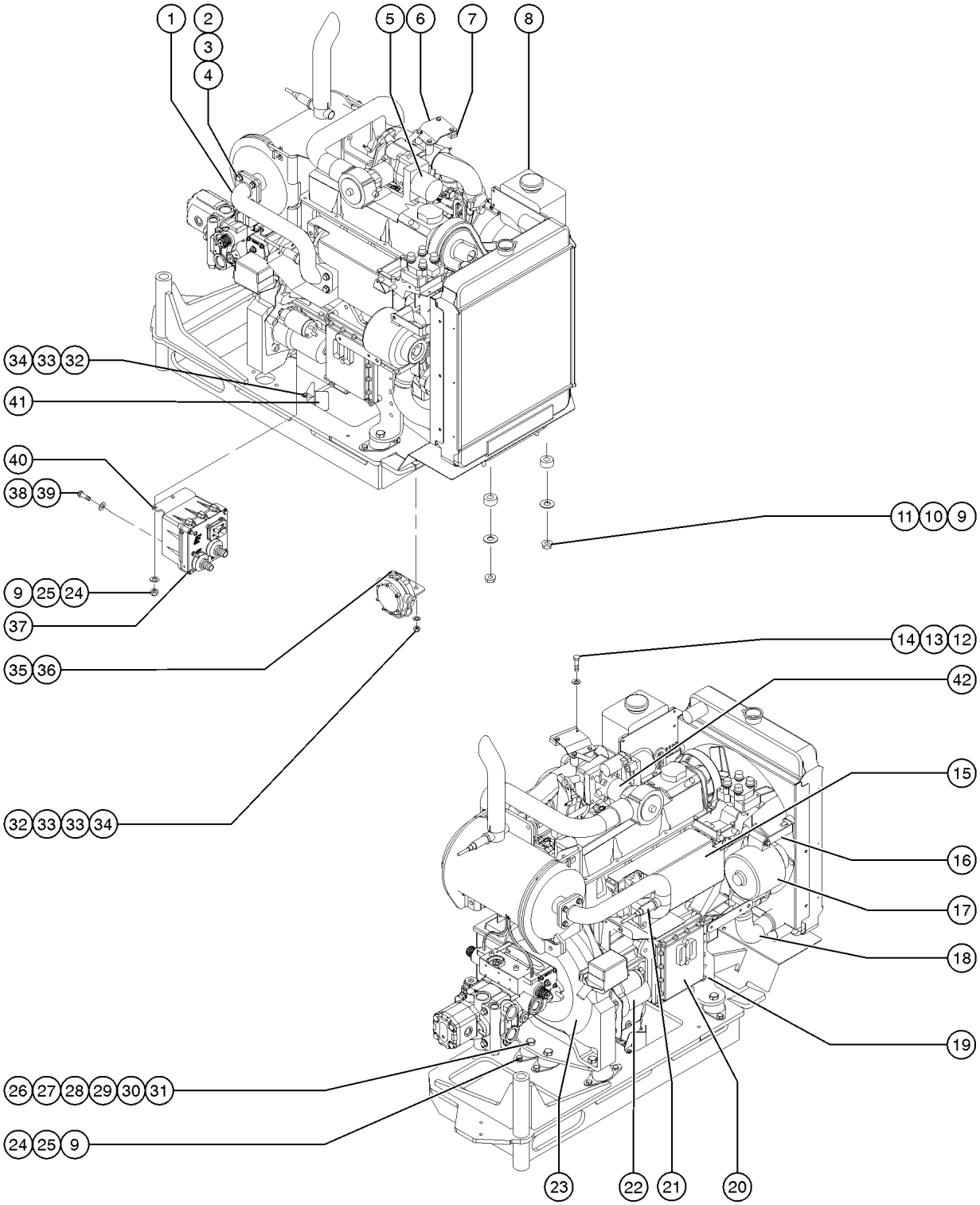
402.1 Ford LRG-425 EFI Engine - View 2 (to SN 23189)



402.1 Ford LRG-425 EFI Engine - View 2 (to SN 23189)

Item	Part No.	Description	Qty.
24	6175GT	SCREW,HHC,3/8-16 X 1	
25	6021GT	WASHER, LOCK, .375 to SN 22050	
25-	5397GT	WASHER, FLAT, USS, 5/16-18 from SN 22051	
26	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
27	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED	1
28	22788GT	SCREW,HHC,1/2-13 X 1.75 to SN 22050	
28-	8177GT	SCREW,HHC,1/2-13 X 1.5 from SN 22051	
29	6033GT	WASHER,LOCK,0.5"	
30		Ref. Drive Pump Assembly (refer to 705.1)	1
31	43683GT	O-RING,2-042 N674-70***	1
32		Ref. Lift/Steer Pump (refer to 705.1)	1
33	33988GT	SCREW,SHC,3/8-16 X 1	2
34	37017GT	HOSE END,90DEG,.63 HS X.25 MPT	1
35	24165GT	PLATE,HINGE BACK-UP	
36	53832GT	HOSE,FIRE RES.,5/8 ID,BULK	
37	52762GT	HOSE,WATER INLET,LRG425 EFI	1
38	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
39	119055GT	HOSE ASSY,LP GAS 144 inches	1
40	19859GT	ELBOW,010202-6-4	1
41		REGULATOR,LP,MODEL J NOLFF 81630GT no longer available from supplier	1
41-	75471GT	REGULATOR DIAPH.KIT NOLFF,MDLJ	1
41A	102119GT	HOSE,3/4,LP from regulator to mixer	as needed
42	34162-800GT	HOSE,AIR INTAKE 2.5 ID 8.00LG	1
43	30971GT	CLAMP,HOSE,3.00"	1

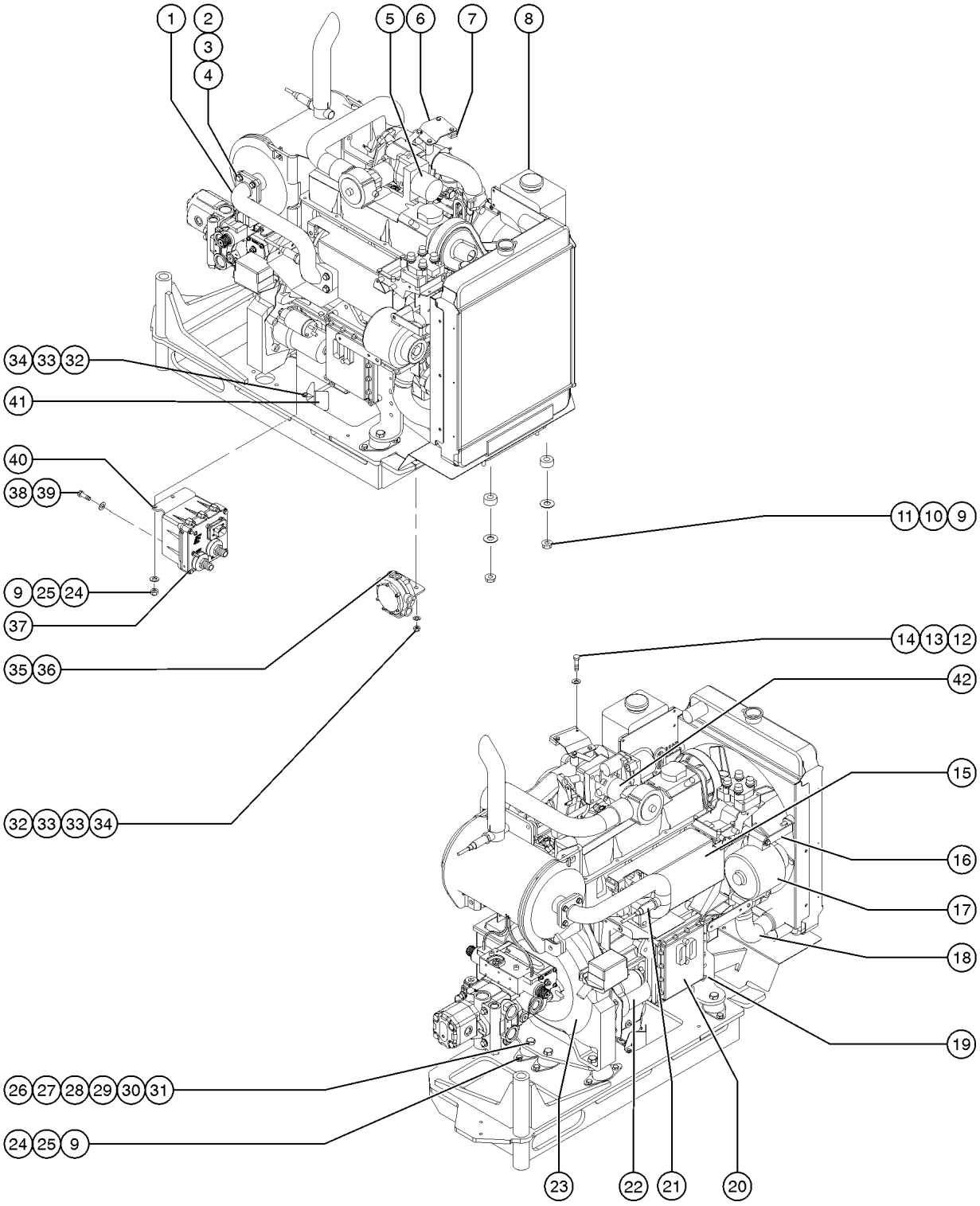
402.2 Ford LRG-425 EFI Engine - View 2 (from SN 23190)



402.2 Ford LRG-425 EFI Engine - View 2 (from SN 23190)

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***	1
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)	1
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	1
16-	219437GT	ISOLATOR,VIBRATION	1
17	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
18A	77170GT	HOSE,LOWER RADIATOR,Z45	1
18B	54862GT	HOSE,UPPER RADIATOR,Z45	
18C	22672GT	CLAMP,HOSE,1.75	1
19	101119PGT	ENGINE MOUNT FOOT,RH PNTD	1
20		ENGINE PERFORMANCE MODULE T2** (no longer available)	1
20-	88448GT	HARNESS,FORD LRG 425 EFI***** to SN 23213	
20-		HARNESS,ENGINE W/RELAY BOX T2 from SN 23214, (no longer available)	

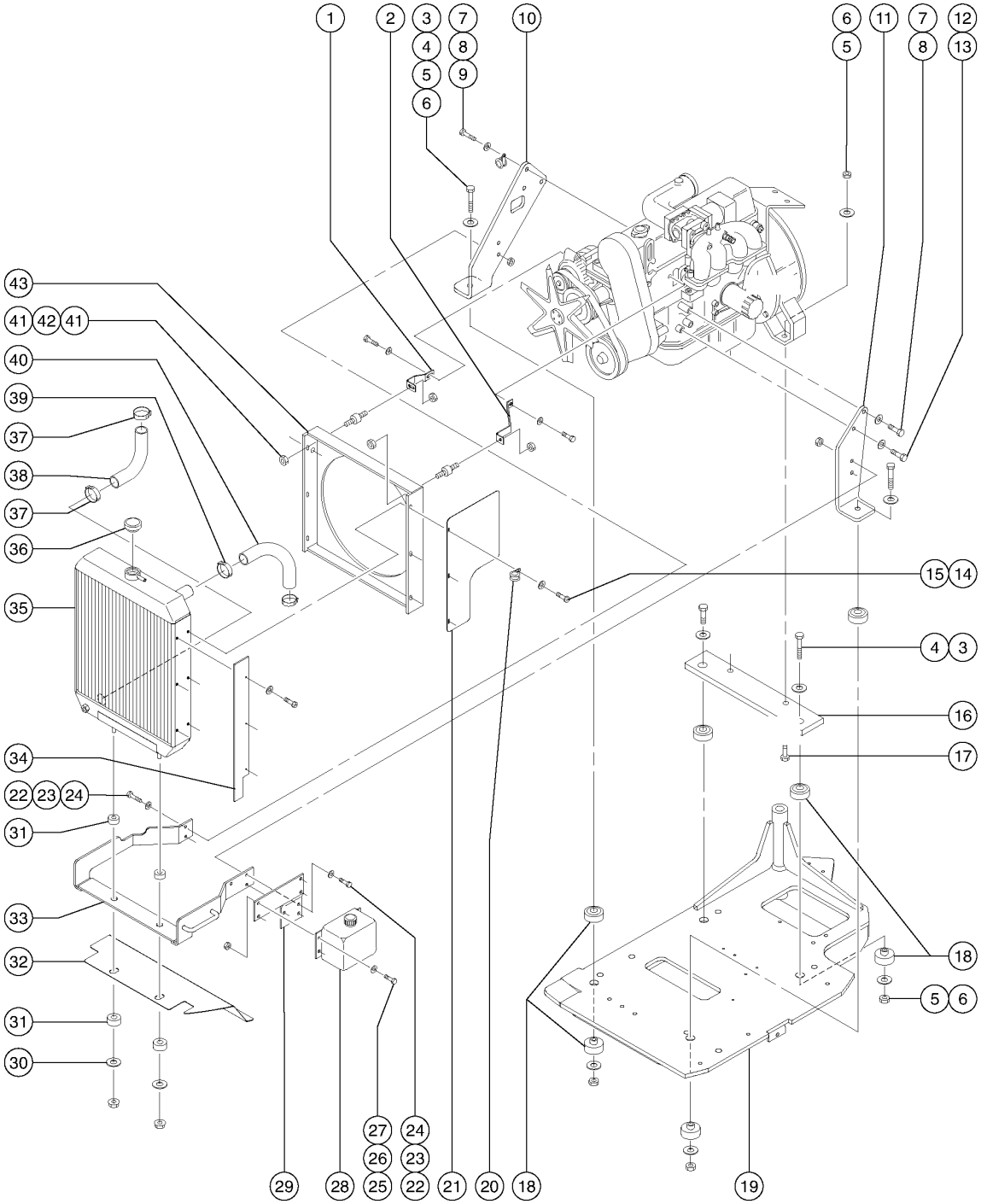
402.2 Ford LRG-425 EFI Engine - View 2 (from SN 23190)



402.2 Ford LRG-425 EFI Engine - View 2 (from SN 23190)

Item	Part No.	Description	Qty.
20-	128903GT	JUMPER,THROTTLE BODY,FORD 2.5L from SN 23214	
21	88450GT	SENSOR,OXYGEN LRG425EFI	1
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
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	102119GT	HOSE,3/4,LP from regulator to mixer	as needed
36	101999PGT	FORMING,LP REGULATOR PNTD	1
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

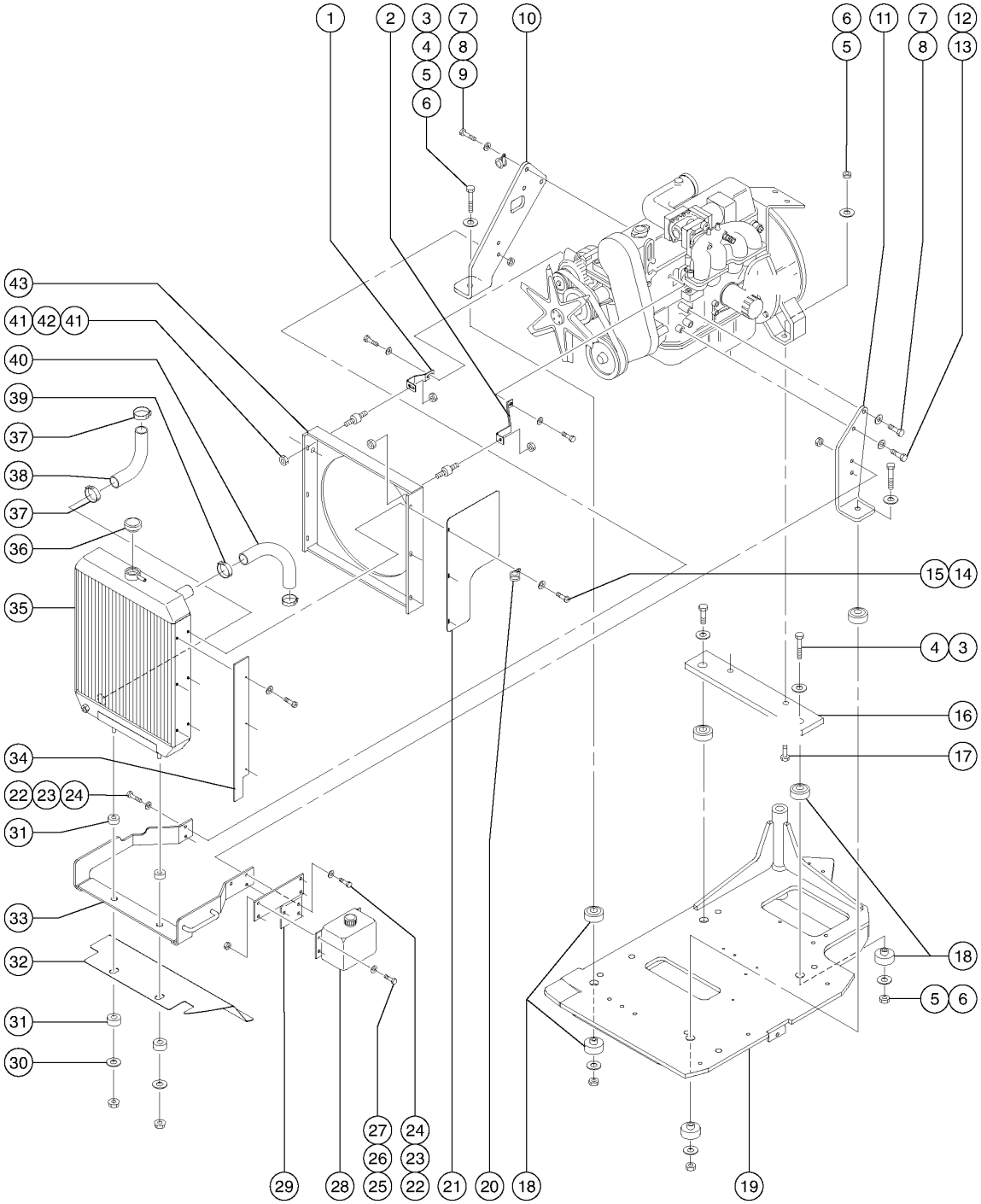
403.1 Ford LRG-425 EFI Engine - View 3 (to SN 23189)



403.1 Ford LRG-425 EFI Engine - View 3 (to SN 23189)

Item	Part No.	Description	Qty.
1	54691GT	STRUT,RADIATOR RH,FORD EFI	1
2	54690GT	STRUT,RADIATOR LH,FORD EFI	1
3	8357GT	SCREW, HHC, 1/2-13 X 3.5	
4	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	
5	6095GT	WASHER,FLAT,USS,1/2",Y	
6	6198GT	NUT, NYLOCK, 1/2-13	
7	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
8	22700GT	WASHER,LOCK,M10	
9	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	
10	50709PGT	ENGINE MOUNT FOOT,R.H.,PAINTED	1
11	50710PGT	ENGINE MOUNT FOOT,L.H.,PAINTED	1
12	23057GT	SCREW,HHC,M8 X 20MM	
13	6886GT	WASHER,LOCK,.313	
14	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP	
15	6146GT	WASHER,FLAT,MS,#10,Y	
16	50437PGT	PLATE,ENG MT BELL HOUSE,PAINTE	1
17	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
18	24037GT	SHOCK MOUNT,LARGE**	2
19	107807GT	ASSEMBLY, ENGINE TRAY	1
19-	25817GT	BEARING,1.00IDX1.25ODX1.00L	2
20	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
21	54487PGT	GUARD,FAN,FORD/PERKINS,PAINTED	1
22	8516GT	SCREW, HCC, 3/8-16 X 1.50	
23	5397GT	WASHER, FLAT, USS, 5/16-18	
24	4828GT	NUT, NYLOCK, 3/8-16	
25	6090GT	SCREW, HHC, 1/4-20 X .75	
26	6638GT	WASHER, FLAT, USS, 1/4"Y	
27	6091GT	NUT,NYLOCK,1/4-20	

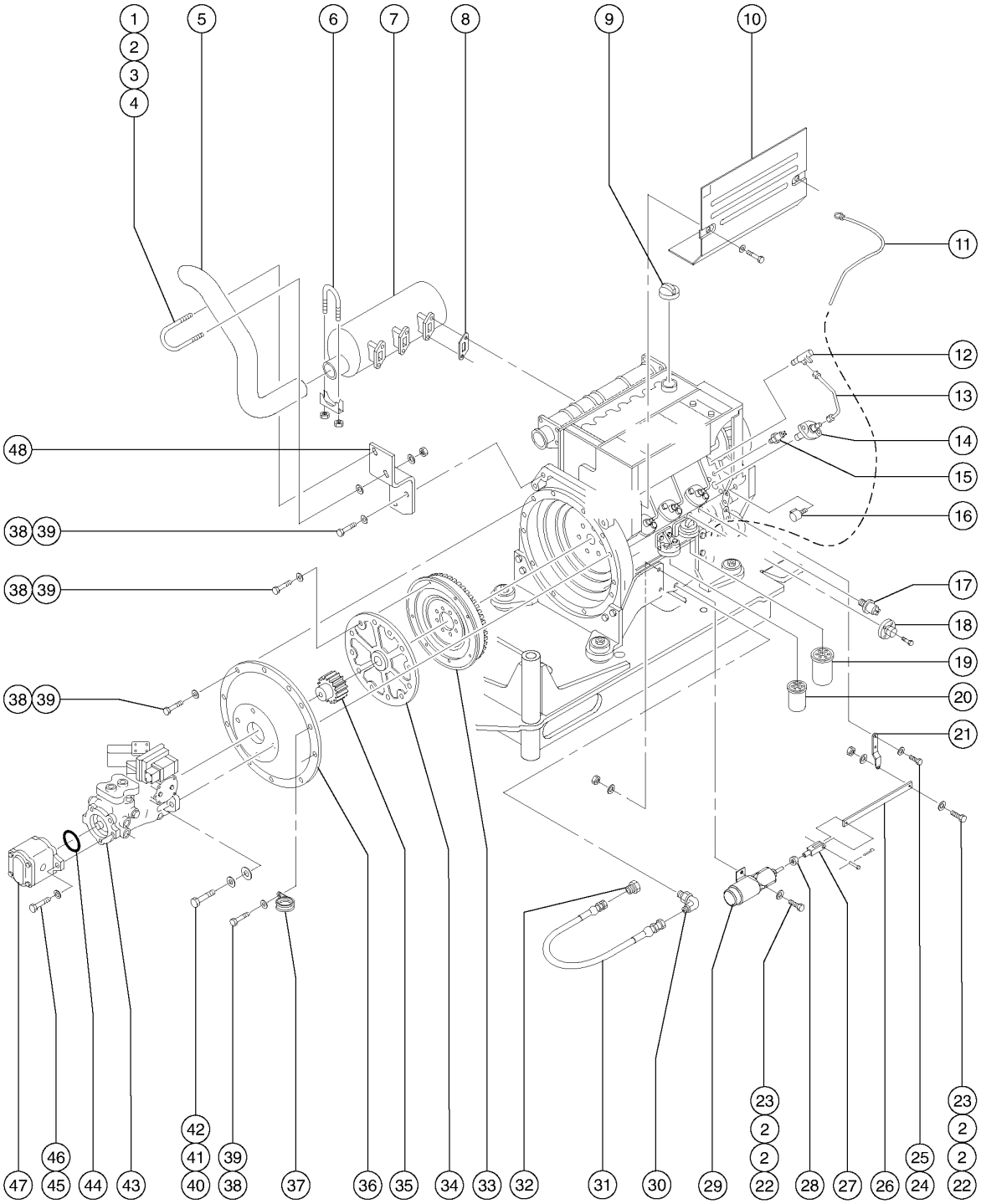
403.1 Ford LRG-425 EFI Engine - View 3 (to SN 23189)



403.1 Ford LRG-425 EFI Engine - View 3 (to SN 23189)

Item	Part No.	Description	Qty.
28	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
28-	72327GT	CAP, COOLANT RET SYS(54071)	1
29	50976PGT	BRACKET,COOLANT TANK MOUNT	1
30	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
31	24038GT	SHOCK MOUNT,SMALL	4
32	54599PGT	PLATE,RADIATOR BAFFLE,PAINTED	1
33	54591GT	WELDMENT,RADIATOR MOUNT,FORD	1
34	54189GT	SEAL,RUBBER,BAFFLE,FORD	1
35	110304GT	RADIATOR,FORD/PERKINS***	1
35-	54616GT	SEAL,RUBBER,BAFFLE,PERKIN/FORD	
35-	54608GT	PLATE,AIR BAFFLE,FORD	
36	27943GT	CAP,RADIATOR,FORD***	1
37	13014GT	CLAMP,HOSE,2.25" DIA.	2
38	77170GT	HOSE,LOWER RADIATOR,Z45	1
39	45171GT	CLAMP,HOSE,1.75,LINED	2
40	54862GT	HOSE,UPPER RADIATOR,Z45	1
41	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	
42	219437GT	ISOLATOR,VIBRATION	1
43	54598PGT	SHROUD,RADIATOR,FORD LGR425,PA	1

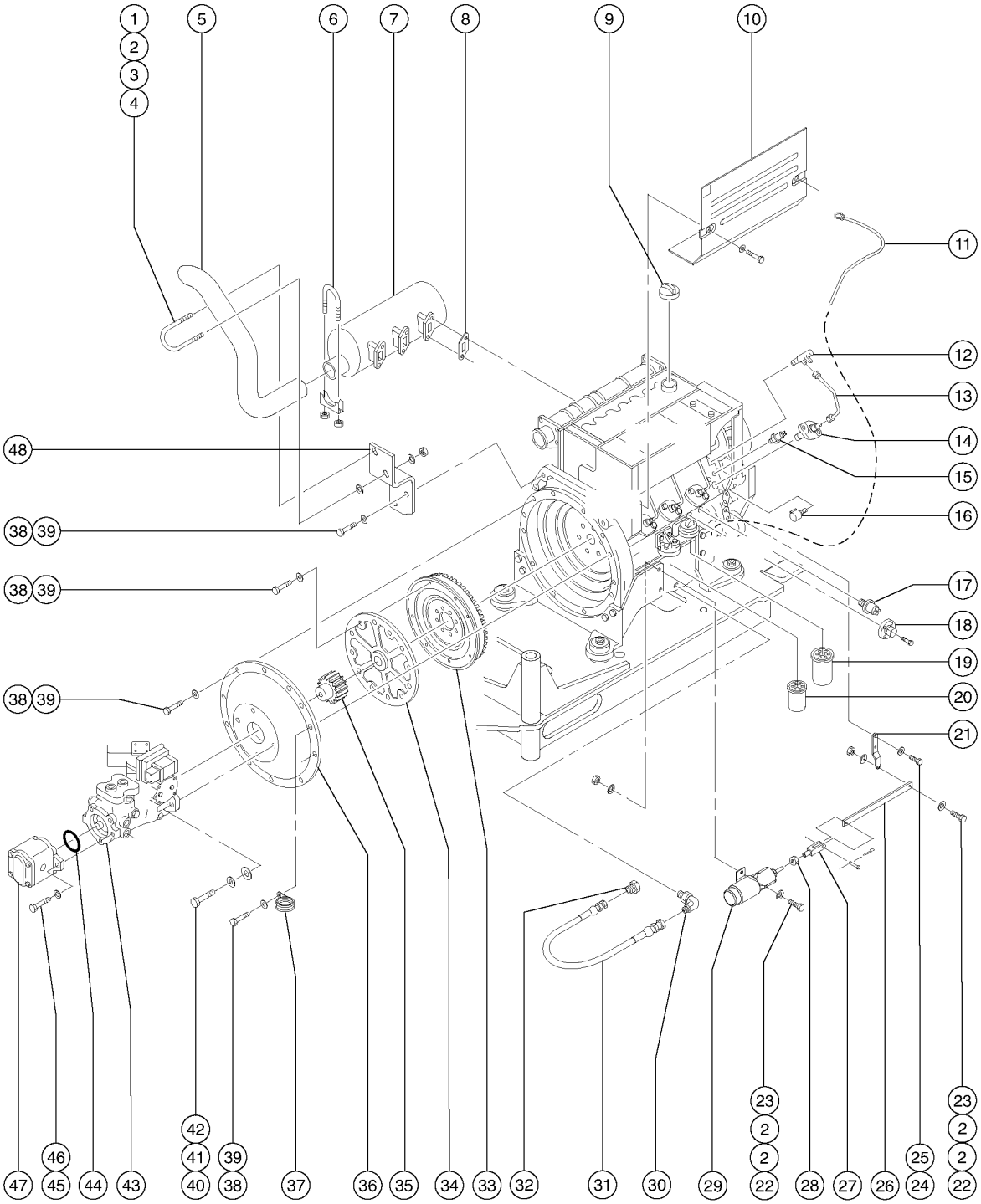
404.1 Deutz F3L 1011F Engine - View 1 (to SN 23040)



404.1 Deutz F3L 1011F Engine - View 1 (to SN 23040)

Item	Part No.	Description	Qty.
		(please verify ring gear thickness) 0.46 inches	1
	70453GT	ENGINE,DEUTZ D2011L03I F3L1011 AND F3L1011F Engines only	
1	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6886GT	WASHER,LOCK,.313	
4	6037GT	NUT,HEX,5/16-18,GR5	
5	50761GT	EXHAUST PIPE,DEUTZ 3 CYL DSL	1
6	30438GT	CLAMP,MUFFLER,2 1/4" ID.	1
7	32695GT	MUFFLER,DEUTZ includes items 6 and 8	1
8	29559GT	GASKET,EXHAUST	3
9	29557GT	CAP,OIL FILLER,DEUTZ,DIESEL***	1
10	52353GT	COVER,ENGINE SIDE (F30-1011F)	1
11	54790GT	DIPSTK &TUBE ASSY,DEUTZ 3CYL.* includes tube (no longer available)	1
11-	54301GT	O-RING,NEOPRENE,.469IDX.094THK	1
12	49919GT	INJECTOR - DEUTZ F4L1011F	4
13	49921GT	FUEL LINE INJ. DEUTZ F4L1011F	4
14	49929GT	INJECTOR PUMP - DEUTZ F4L1011F	4
15	34059GT	SENDING UNIT,OIL TEMP.	1
16	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (must order cable assembly, 58256, if replacing 32752) (includes o-ring)	1
16-	58256GT	SOLENOID CABLE ASSY***	
16-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* (does not include diode, 45782)	
16-	56445GT	DIODE,6 AMP 200 PIV,REEL	
17	37033GT	SENDING UNIT,OIL PRESS.,DEUTZ* single-terminal sender	1
18	49923GT	PUMP, FUEL LIFT, F4L1011F	1
19	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
19-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1
20	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
20-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1

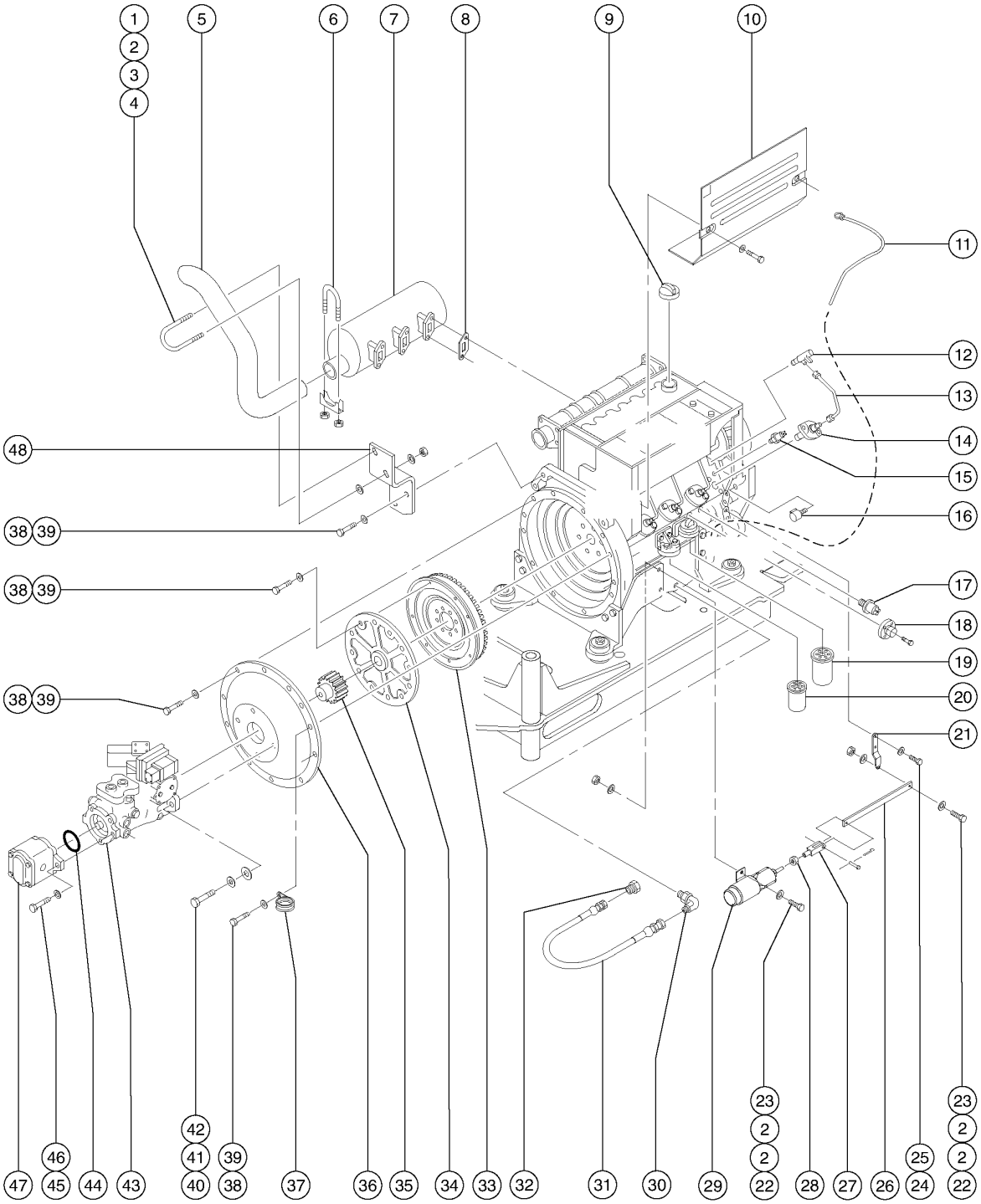
404.1 Deutz F3L 1011F Engine - View 1 (to SN 23040)



404.1 Deutz F3L 1011F Engine - View 1 (to SN 23040)

Item	Part No.	Description	Qty.
21	50787-SGT	LEVER, GOVERNOR ACTUATOR	1
22	6888GT	SCREW, HHC, 1/4-20 X 1	
23	6091GT	NUT,NYLOCK,1/4-20	
24	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	
25	49407GT	WASHER,LOCK,M6	
26	94485GT	THROTTLE LINKAGE,DIESEL***	1
27	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	
28	21496GT	NUT,HEX,1/4-28	
29	77402GT	SOLENOID,THROTTLE ACTUATOR DSL	1
30	77379GT	FITTING,M18X8,C87OMX	1
31	49177-2094GT	HOSE ASSEMBLY,1/2"***	1
32	63426GT	PLUG,070109-8	1
33	49917GT	RING GEAR,DEUTZ F3 & F4L1011F* (please verify ring gear thickness) 0.46 inches	1
33-	89785GT	RING GEAR,DEUTZ F3L2011F (please verify ring gear thickness) 0.6 inches	1
33-	33729GT	RING GEAR,DEUTZ F3 & F4L1011* (please verify ring gear thickness) 0.365 inches	1
34	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
35	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
36	30806GT	FLYWHEEL COVER,CASTING***	1
37	49863GT	CLAMP,1.13,#18 X 3/8,RUB CUSH*	1
38	44064GT	SCREW,HHC,M10 X 30MM,	
39	22700GT	WASHER,LOCK,M10	
40	8177GT	SCREW,HHC,1/2-13 X 1.5	
41	6033GT	WASHER,LOCK,0.5"	
42	13066GT	WASHER,FLAT,.5 HARDENED	
43		Ref. Drive Pump Assembly (refer to 705.1)	1
44	43683GT	O-RING,2-042 N674-70***	1
45	33988GT	SCREW,SHC,3/8-16 X 1	
46	5397GT	WASHER, FLAT, USS, 5/16-18	

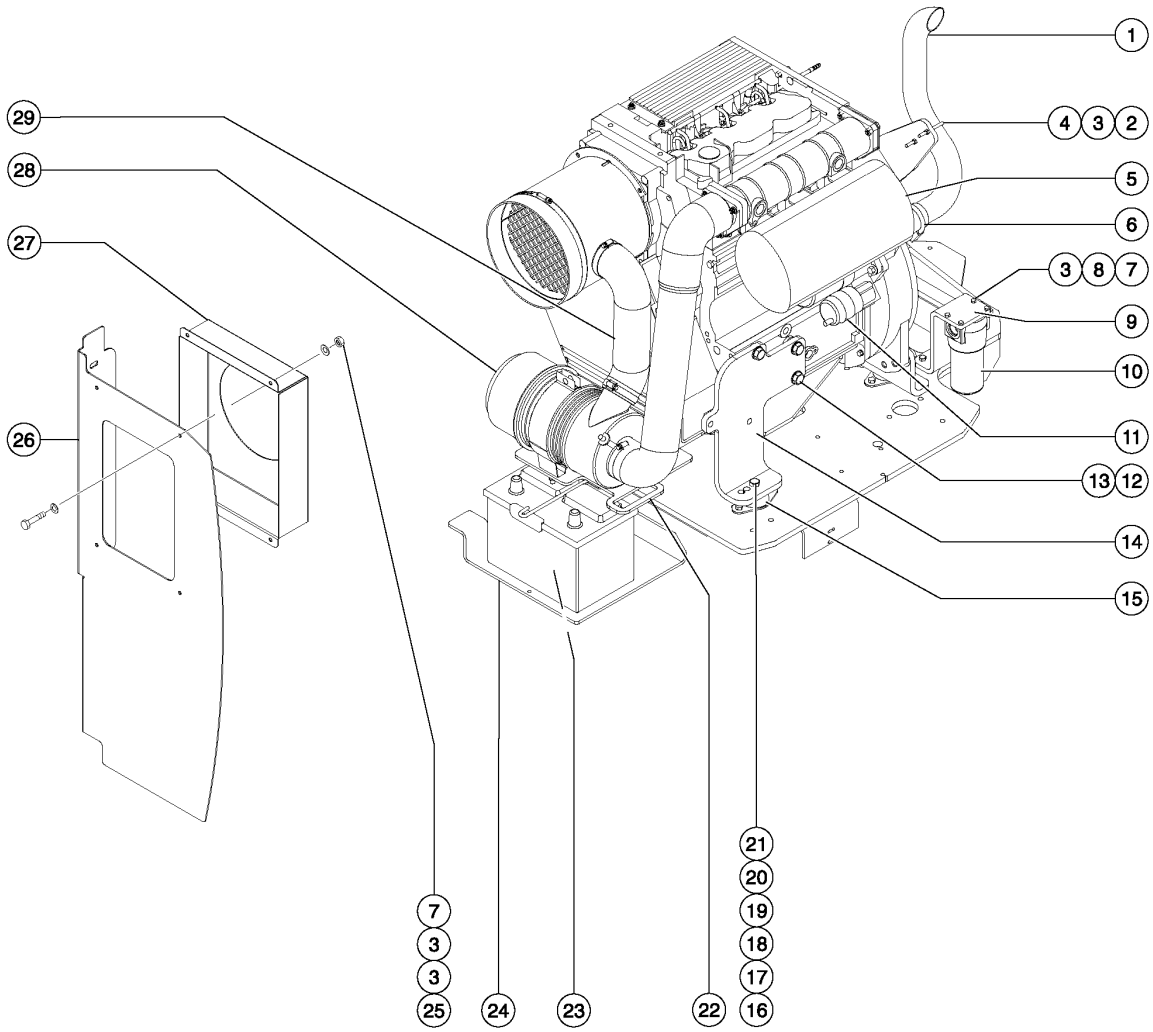
404.1 Deutz F3L 1011F Engine - View 1 (to SN 23040)



404.1 Deutz F3L 1011F Engine - View 1 (to SN 23040)

Item	*Part No.*	*Description*	*Qty.*
47		Ref. Lift/Steer Pump (refer to 705.1)	1
48	50564GT	BRACKET,MUFFLER,DEUTZ 3 CYL	1

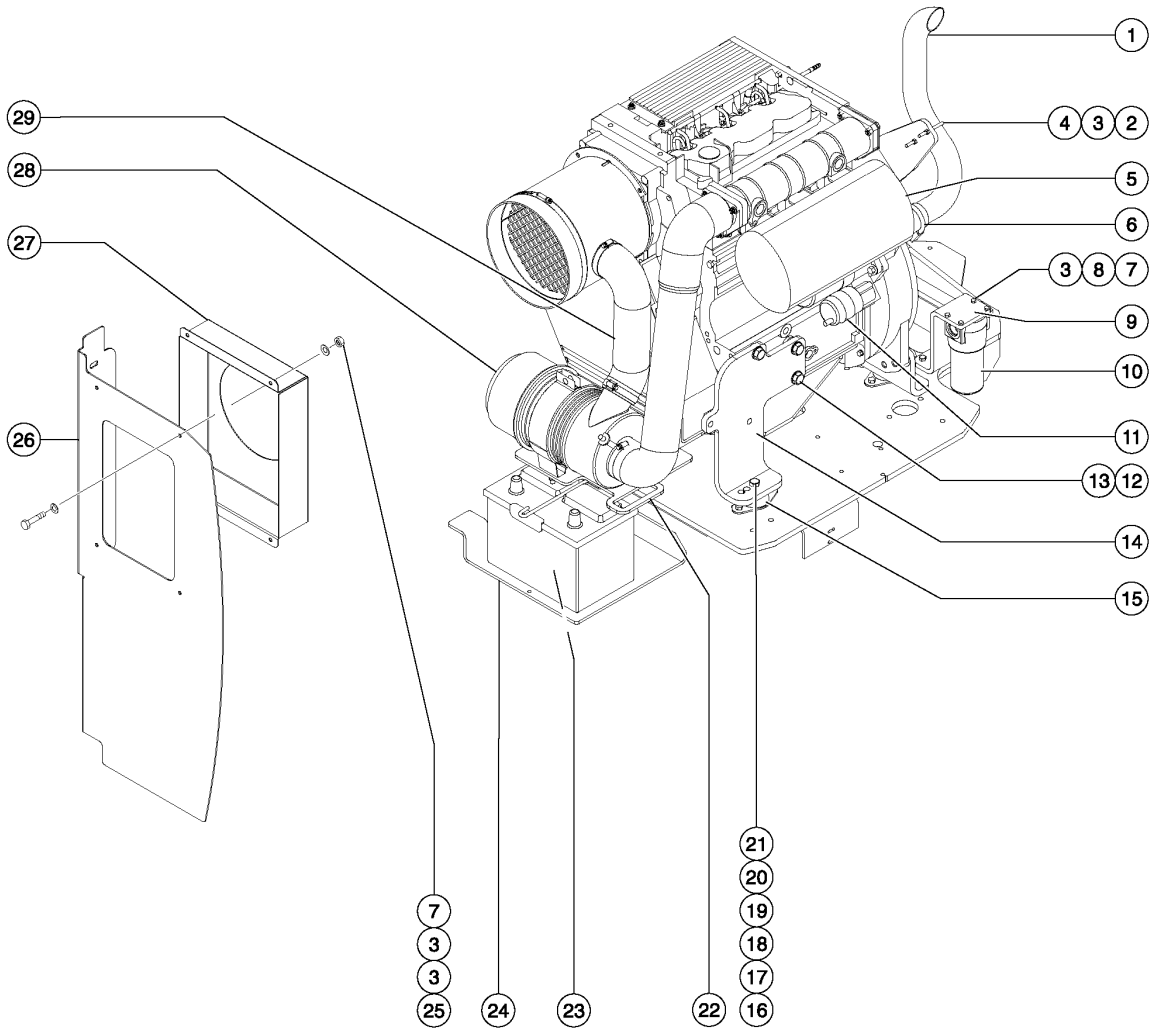
404.2 Deutz F3L 2011 Engine - View 1 (from SN 23041)



404.2 Deutz F3L 2011 Engine - View 1 (from SN 23041)

Item	Part No.	Description	Qty.
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	6037GT	NUT,HEX,5/16-18,GR5	
5	32695GT	MUFFLER,DEUTZ	1
6	30438GT	CLAMP,MUFFLER,2 1/4" ID.	1
7	6888GT	SCREW, HHC, 1/4-20 X 1	
8	6356GT	WASHER, LOCK, .25	
9	50696PGT	BRACKET,MID PRES OIL FILTER,PA	1
10		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
10-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
10A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
10A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
11	37950GT	STARTER,DEUTZ,F4L1011F/F3L1011 11 tooth; inspect old starter before ordering	1
11	139709GT	STARTER, 12V 9 tooth; inspect old starter before ordering	
11-	49915GT	SOLENOID-STARTR DEUTZF4L1011F*	1
12	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	
13	49411GT	WASHER,FLAT,M14	
14	70461PGT	FORMING,ENGINE MOUNT,FL PAINT*	1
15	70452GT	ISOLATOR,ENGINE VIBRATION	2
16	8357GT	SCREW, HHC, 1/2-13 X 3.5	
17	6095GT	WASHER,FLAT,USS,1/2",Y	
18	101730GT	SPACER,ENGINE MOUNT	2
19	101729GT	WASHER,VIBRATION ISOLATING	2
20	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	
21	6198GT	NUT, NYLOCK, 1/2-13	
22	101130PGT	Air Cleaner Bracket	1
23	36872GT	BATTERY, 12V	1

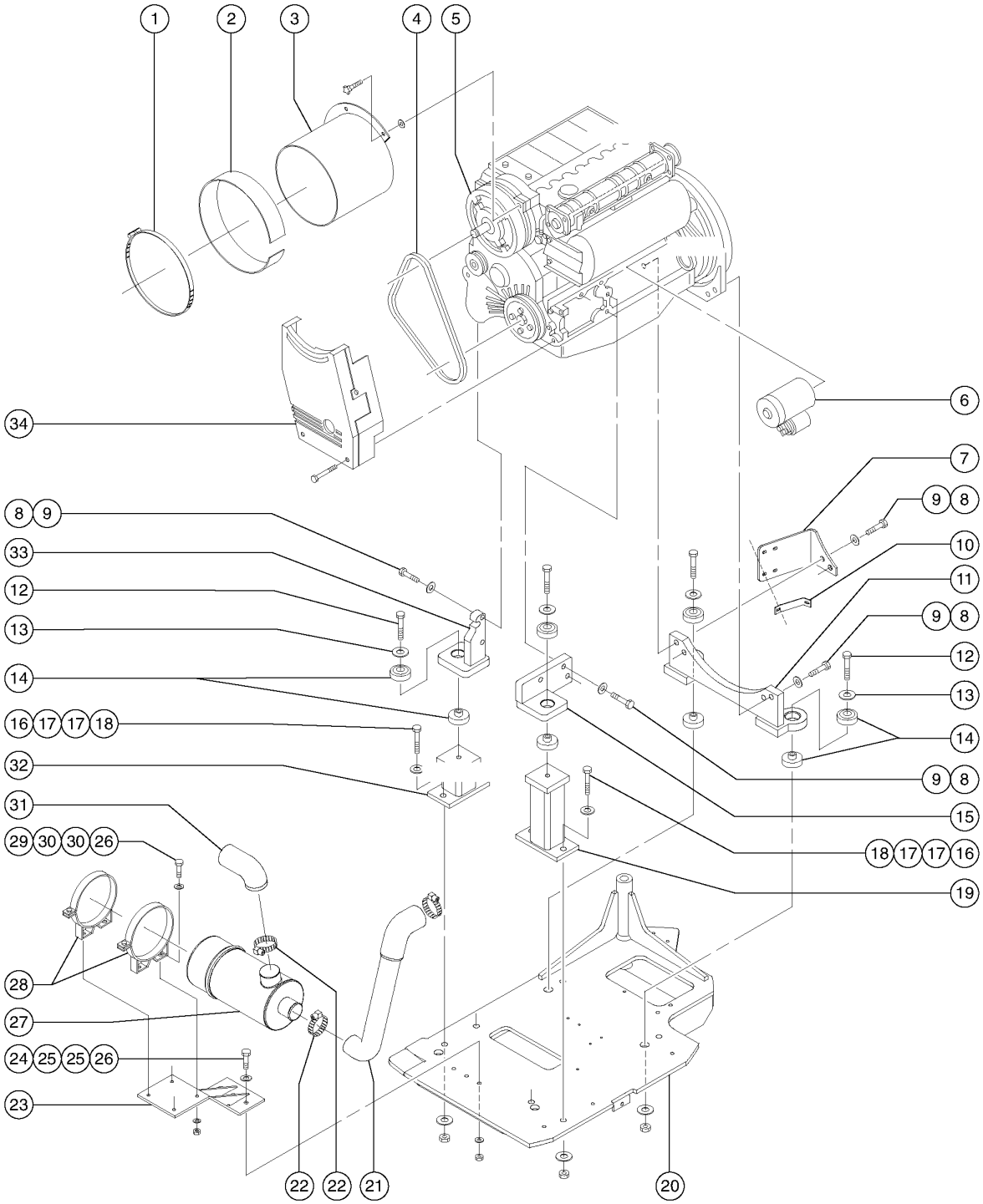
404.2 Deutz F3L 2011 Engine - View 1 (from SN 23041)



404.2 Deutz F3L 2011 Engine - View 1 (from SN 23041)

Item	Part No.	Description	Qty.
23-	101909GT	BATTERY CABLE	1
23-	70645GT	BATTERY CABLE,RED#2,5/16,5/16	1
23-	101911GT	BATTERY CABLE	1
23-	101912GT	BATTERY CABLE	1
24	54207PGT	BRACKET,GENERATOR MOUNT,PAINT	1
25	6091GT	NUT,NYLOCK,1/4-20	
26	50581PGT	PLATE,AIR INTAKE ADAPTER,PAINT	1
26-	34619GT	BUMPER,RUBBER***	2
27	101137PGT	DUCT,AIR INTAKE PAINTED	1
28A	27915GT	AIR CLEANER metal housing	1
28A-	27916GT	FILTER,AIR,ELEMENT*** for 27915	
28A-	65815GT	CLAMP, AIR CLEANER (27915)** for 27915; clamp for end cap	1
28A-	58917GT	END CAP,AIR FILTER-27915&49740 for 27915	
28A-	52658GT	NUT - WING, AIR FILTER, 425EFI for 27915	
28A-	65810GT	BAFFLE, AIR CLEANER (27915)** for 27915	
28A-	65815GT	CLAMP, AIR CLEANER (27915)** for 27915	
28B	63463GT	AIR CLEANER,NELSON*** plastic housing	1
28B-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
28B-	62420GT	FILTER, AIR D2.9L4	
28B-	65810GT	BAFFLE, AIR CLEANER (27915)**	
28B-	52866GT	EVACUATOR VALVE-AIR CLEANER	
29	101006GT	TUBE,AIR CLEANER INLET	1

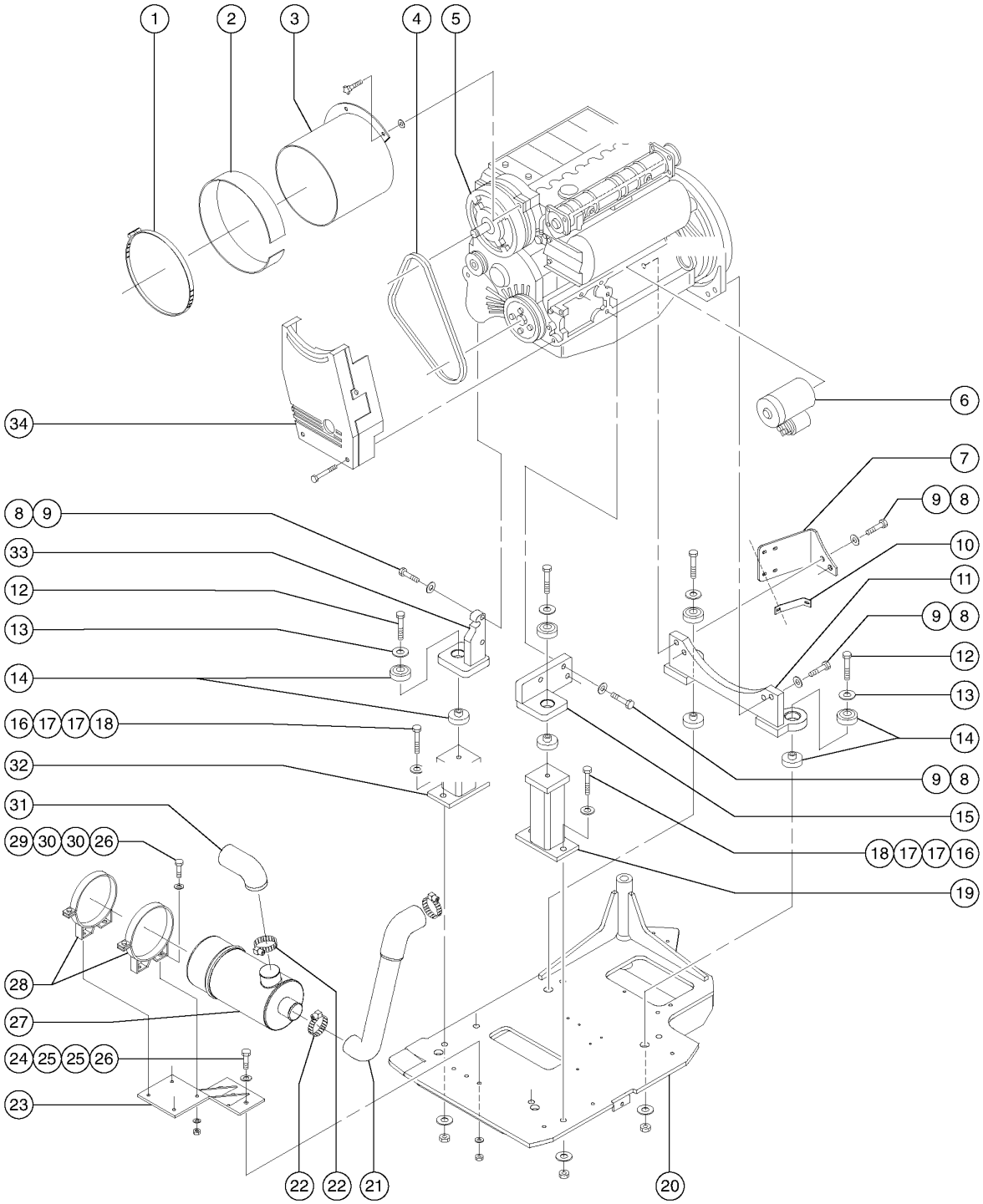
405.1 Deutz F3L 1011F Engine - View 2 (to SN 23040)



405.1 Deutz F3L 1011F Engine - View 2 (to SN 23040)

Item	Part No.	Description	Qty.
	58176GT	BELT,TIMING,DEUTZ F3L1011F	
	139624GT	SWITCH, OIL PRESSURE 1.5 BAR (replaced 65765)	1
	139666GT	KIT,OP SWITCH,DEUTZ (oil pressure kit for models with ALC-500 control system. replaces 65765. includes item 139624 and instructions)	
1	31523GT	CLAMP,HOSE,8.50 DIA***	1
2	33239GT	WELDMENT, AIR INTAKE TUBE	1
3	50579PGT	WELDMENT,AIR INTAKE TUBE,PAINT	1
4	32698GT	BELT	1
5	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	1
5-	77426GT	HARNESS,ENGINE,DEUTZ******	1
6	37950GT	STARTER,DEUTZ,F4L1011F/F3L1011 11 tooth; inspect old starter before ordering	1
6	139709GT	STARTER, 12V 9 tooth; inspect old starter before ordering	
6-	49915GT	SOLENOID-STARTR DEUTZF4L1011F*	1
7	77233PGT	BRACKET,SOLENOID MOUNT,PAINTED	1
8	34265GT	SCREW,HHC,M14 X 55	
9	37505GT	WASHER,LOCK,M14	
10	77245PGT	BRACKET,SOLEN.MOUNT BRACE,PNTD	1
11	54280GT	WELDMENT,ENGINE MOUNT,REAR	1
12	47186GT	SCREW,HHC,5/8-11 X 4.5	
13	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
14	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
15	50989GT	WELDMENT,LH ENGINE MOUNT,DTZ	1
16	51131GT	SCREW,HHC,5/8-11 X 2.5	
17	13064GT	WASHER,FLAT,.625 HARDENED	
18	6024GT	NUT,NYLOCK,5/8-11	
19	50995GT	MOUNT POST,LH	1
20	107807GT	ASSEMBLY, ENGINE TRAY	1
20-	25817GT	BEARING,1.00IDX1.25ODX1.00L	2
21	70375GT	HOSE,AIR CLEANER	1

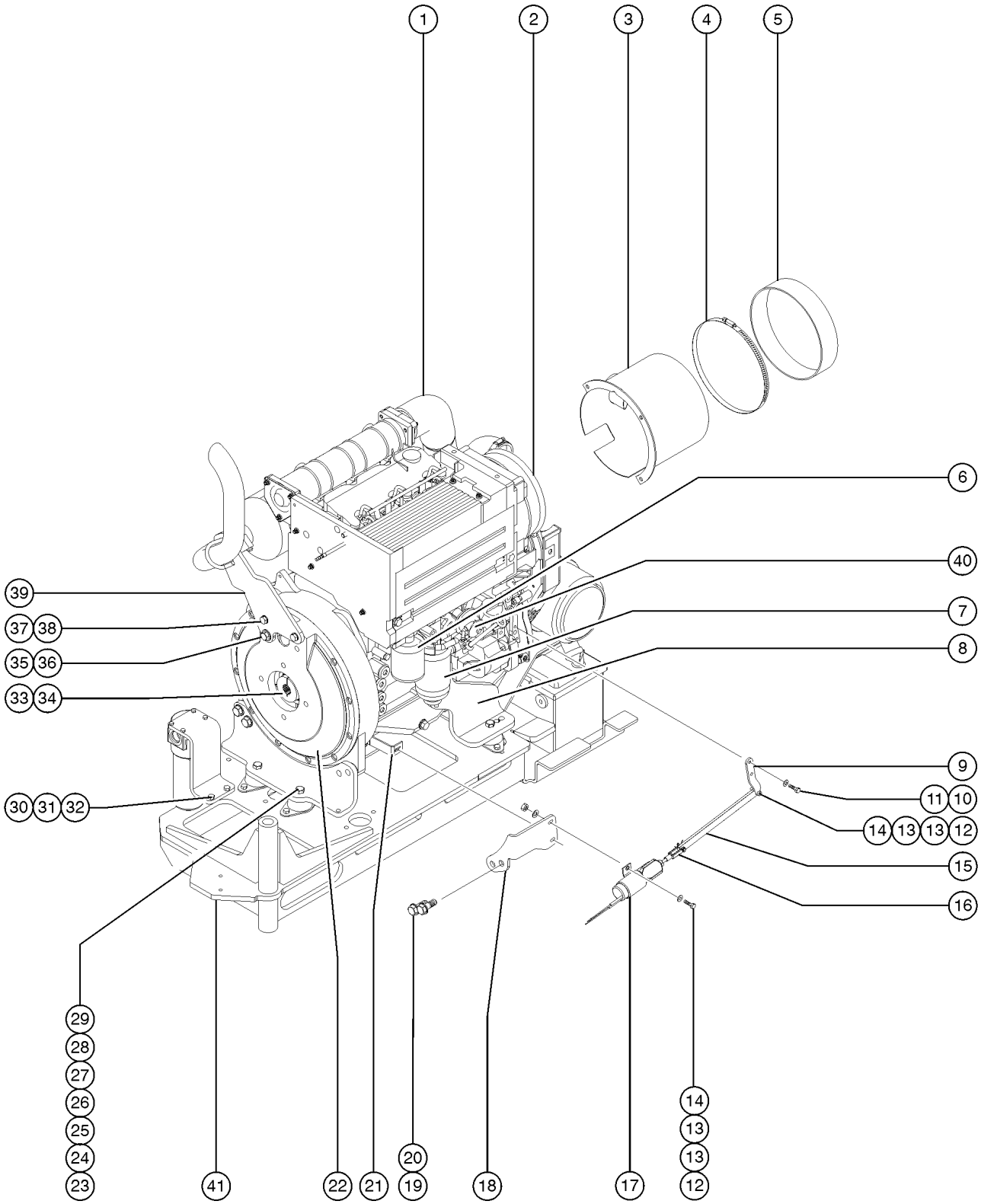
405.1 Deutz F3L 1011F Engine - View 2 (to SN 23040)



405.1 Deutz F3L 1011F Engine - View 2 (to SN 23040)

Item	Part No.	Description	Qty.
22	30971GT	CLAMP,HOSE,3.00"	2
23	60077GT	WELDMENT,AIR CLEANER BRACKET	1
24	8516GT	SCREW, HCC, 3/8-16 X 1.50	
25	6097GT	WASHER, FLAT, USS, 3/8", Y	
26	4828GT	NUT, NYLOCK, 3/8-16	
27	27915GT	AIR CLEANER	1
27-	27916GT	FILTER,AIR,ELEMENT***	
27-	58917GT	END CAP,AIR FILTER-27915&49740	
27-	52658GT	NUT - WING, AIR FILTER, 425EFI	
27-	65810GT	BAFFLE, AIR CLEANER (27915)**	
27-	65815GT	CLAMP, AIR CLEANER (27915)**	
28	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
29	6175GT	SCREW,HHC,3/8-16 X 1	
30	5397GT	WASHER, FLAT, USS, 5/16-18	
31	50941GT	HOSE,90DEG 2.5" AIR INTAKE	1
32	50996GT	MOUNT POST,RH	1
33	50985GT	WELDMENT,RH ENGINE MOUNT,DTZ	1
34	29555GT	COVER,FRONT DEUTZ ENGINE	1

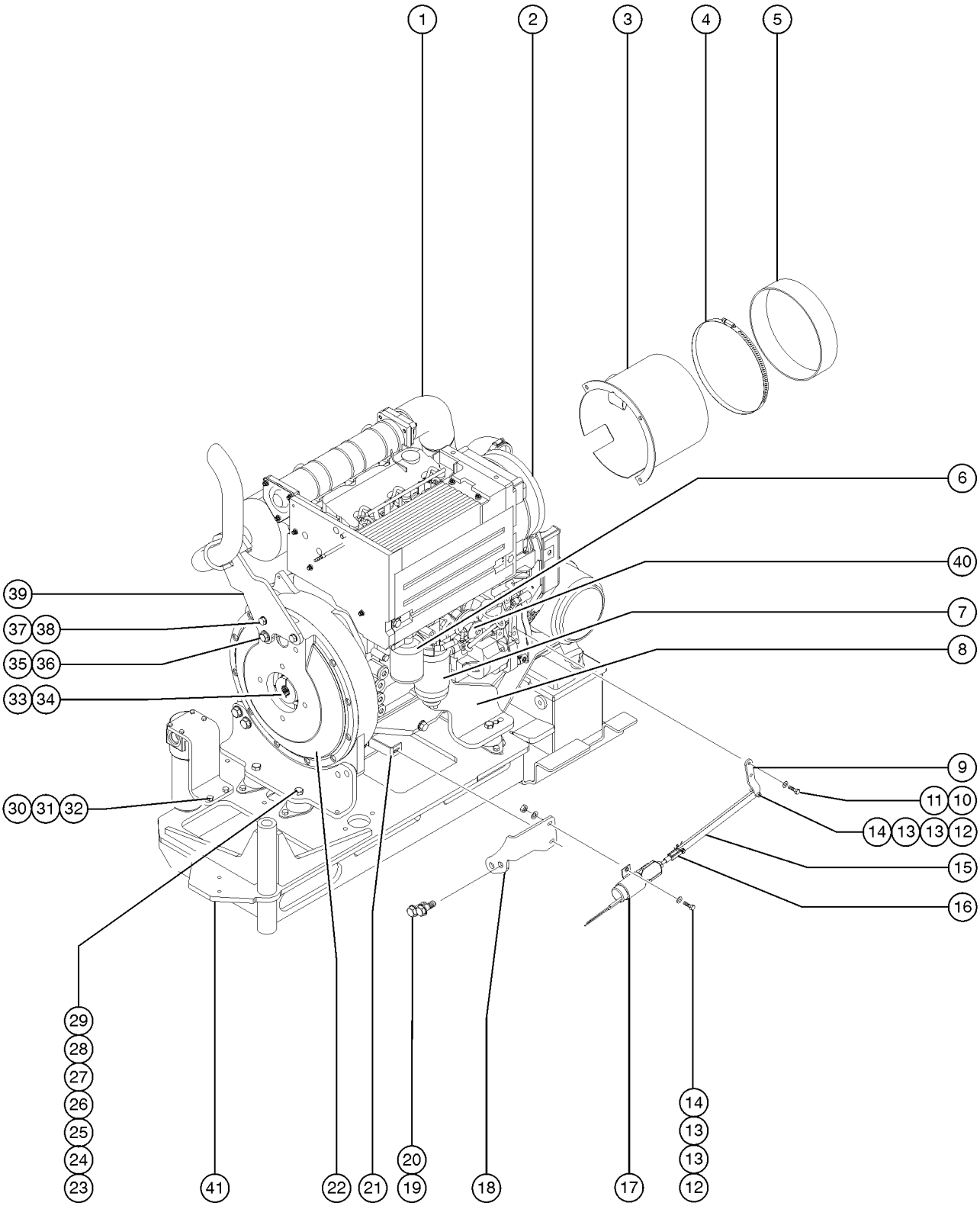
405.2 Deutz F3L 2011 Engine - View 2 (from SN 23041)



405.2 Deutz F3L 2011 Engine - View 2 (from SN 23041)

Item	Part No.	Description	Qty.
	52352GT	DIPSTICK-F3L1011F (DEUTZ)	
	139596GT	SERVICE KIT,DEUTZ DIPSTICK,Z45 over-engine dipstick accessory kit	
	139595GT	DIPSTICK,INDICATOR,DEUTZ,Z45 for use only after installation of 139596	
	89780GT	FUEL LINE, DEUTZ F3L 2011F,1 METER LG	
	52352GT	DIPSTICK-F3L1011F (DEUTZ) verify letter code (A, B, C or D) before ordering	
	89792GT	INJECTOR, FUEL(DEUTZ F3L2011F)	
	1288561GT	O-RING,FUEL INJECTOR,DEUTZ (89792) for 89792	
	102588GT	OIL TEMP SENSOR, DEUTZ F4L2011	
	139624GT	SWITCH, OIL PRESSURE 1.5 BAR (replaced 65765)	1
	139666GT	KIT,OP SWITCH,DEUTZ (oil pressure kit for models with ALC-500 control system. replaces 65765. includes item 139624 and instructions)	
	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (includes o-ring)	
	119344GT	KIT,PRIMER BULB	
1	70375GT	HOSE,AIR CLEANER	1
2	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	1
2-	32698GT	BELT	1
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	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	85054GT	WASHER,FLAT,M10	
14	25625GT	NUT,HEX,10-24	

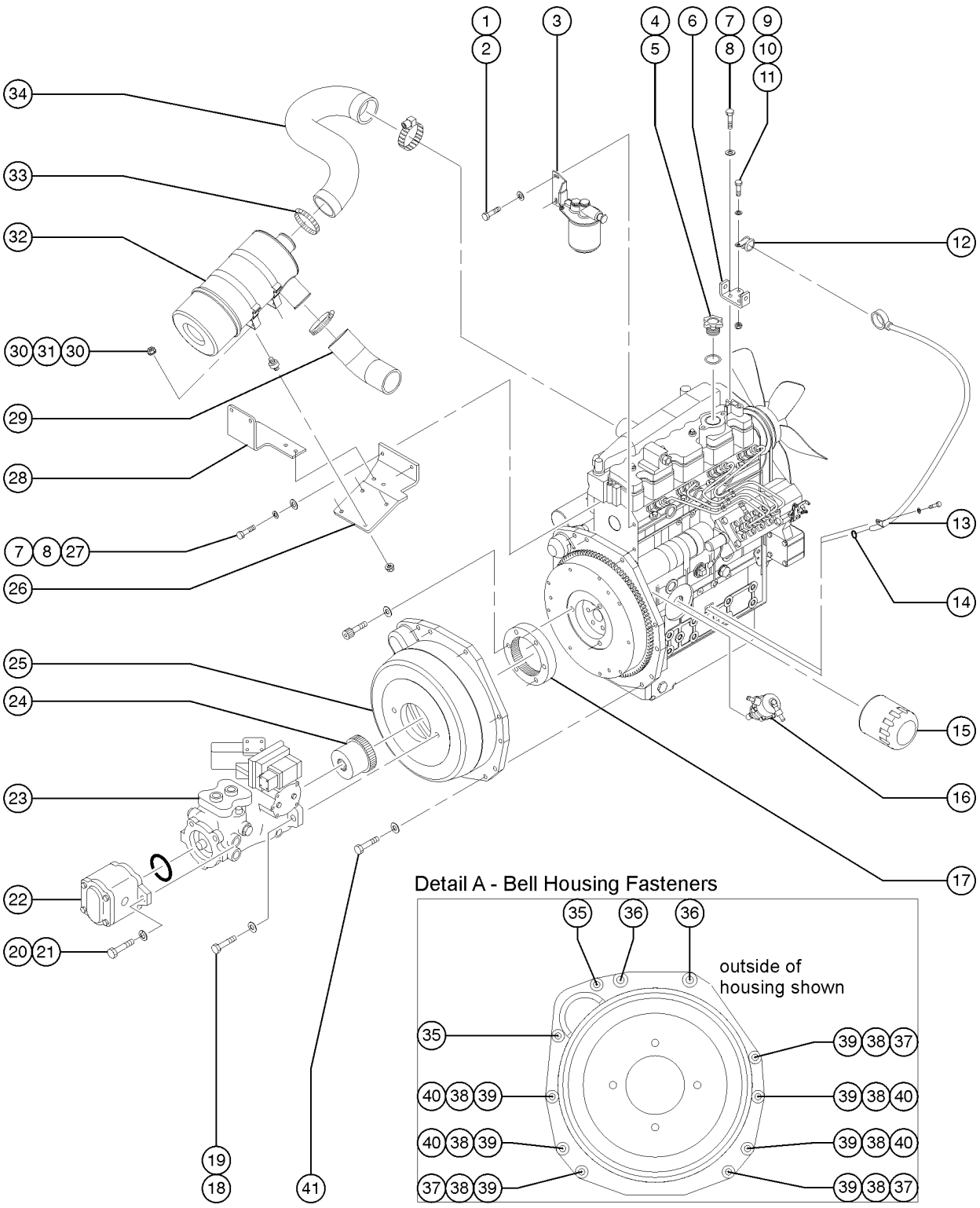
405.2 Deutz F3L 2011 Engine - View 2 (from SN 23041)



405.2 Deutz F3L 2011 Engine - View 2 (from SN 23041)

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
35	8177GT	SCREW,HHC,1/2-13 X 1.5	
36	6033GT	WASHER,LOCK,0.5"	
37	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8	
38	22700GT	WASHER,LOCK,M10	
39	101138PGT	BRACKET,MUFFLER,DEUTZ 3 CYL PN	1
40	111668GT	PUMP,FUEL 2011 DEUTZ ***	1
41	107807GT	ASSEMBLY, ENGINE TRAY	1
41-	25817GT	BEARING,1.00IDX1.25ODX1.00L	2

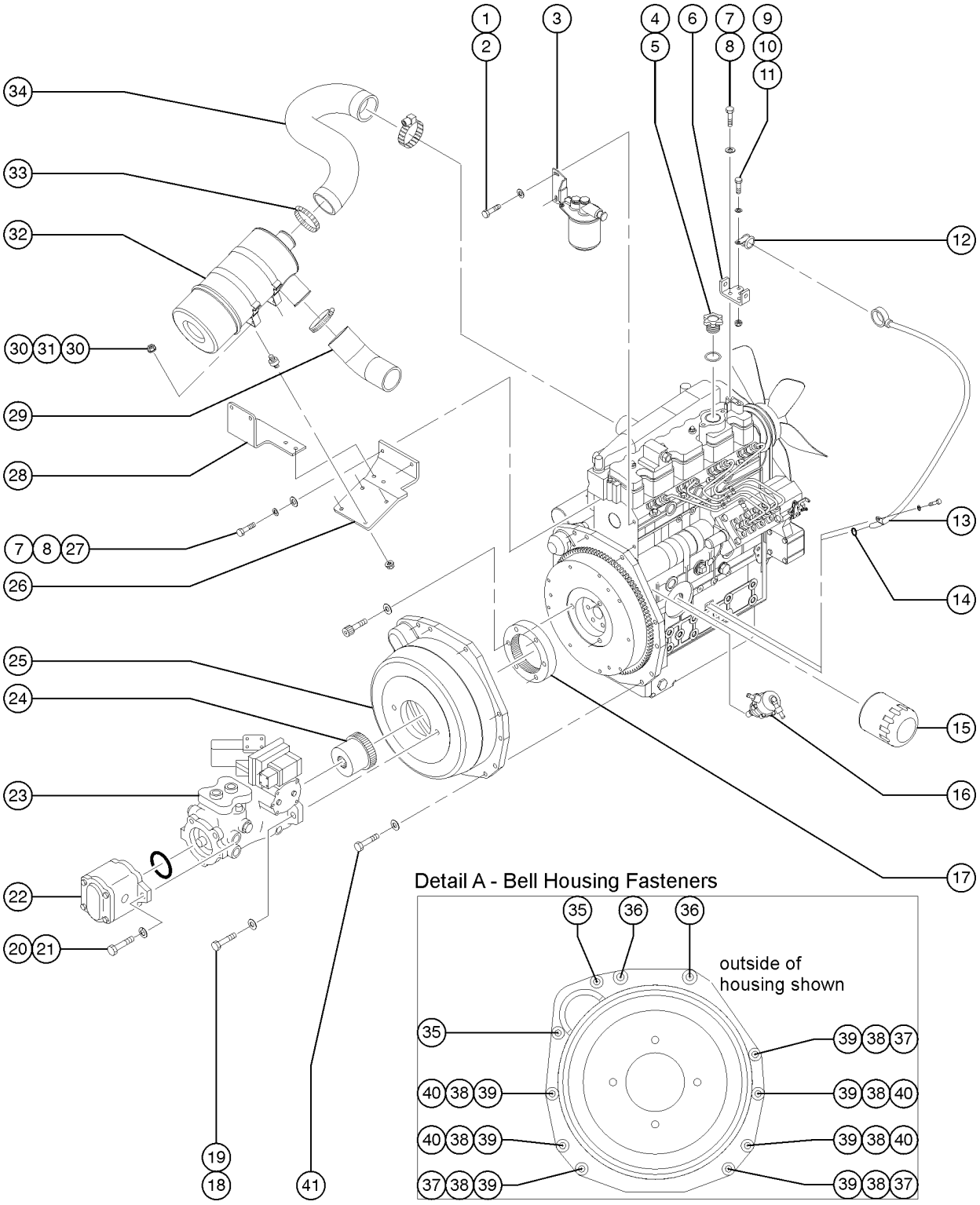
406.1 Perkins 104-22 Engine - View 1 (to SN 23008)



406.1 Perkins 104-22 Engine - View 1 (to SN 23008)

Item	Part No.	Description	Qty.
1	25929GT	SCREW,HHC,M8 X 30MM,GRD 8.8	
2	49408GT	WASHER, LOCK, M8	
3	65542GT	FILTER, ELEMENT/FUEL PERKINS** to SN 21522	1
3-	62421GT	FILTER,FUEL,PERKINS from SN 21523	1
4	65636GT	CAP, OIL FILLER	1
5	65638GT	SEAL, OIL FILLER CAP	1
6	54582PGT	BRACKET,STRUT MOUNT,PAINTED	1
7	23057GT	SCREW,HHC,M8 X 20MM	
8	6886GT	WASHER,LOCK,.313	
9	6090GT	SCREW, HHC, 1/4-20 X .75	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	6091GT	NUT,NYLOCK,1/4-20	
12	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
13	54556GT	DIPSTICK TUBE,PERKINS 104-22**	1
14	65639GT	O-RING,DIPSTICK TUBE(Z45 PERK)	1
15	94762GT	OIL FILTER - PERKINS	1
16	72348GT	PUMP,LIFT(FUEL) PERKINS(54555)	1
17	65637GT	FLEX PLATE, FLYWHEEL (54573)	1
18	22788GT	SCREW,HHC,1/2-13 X 1.75	
19	6033GT	WASHER,LOCK,0.5"	
20	6175GT	SCREW,HHC,3/8-16 X 1	
21	6021GT	WASHER, LOCK, .375	
22		Ref. Lift/Steer Pump (refer to 705.1)	1
23		Ref. M46 Drive Pump Assembly) (refer to 705.1)	1
24	29749GT	COUPLER,SMALL METAL,15T,***	1
25A	128022GT	KIT,FBA STYLE COUPLER,PERKINS includes 15-tooth coupler (128003), fastener kit (1263209) and grease	1
25A-	29749GT	COUPLER,SMALL METAL,15T,***	
25A-	89771GT	HOUSING,PUMP MOUNT (54573)	

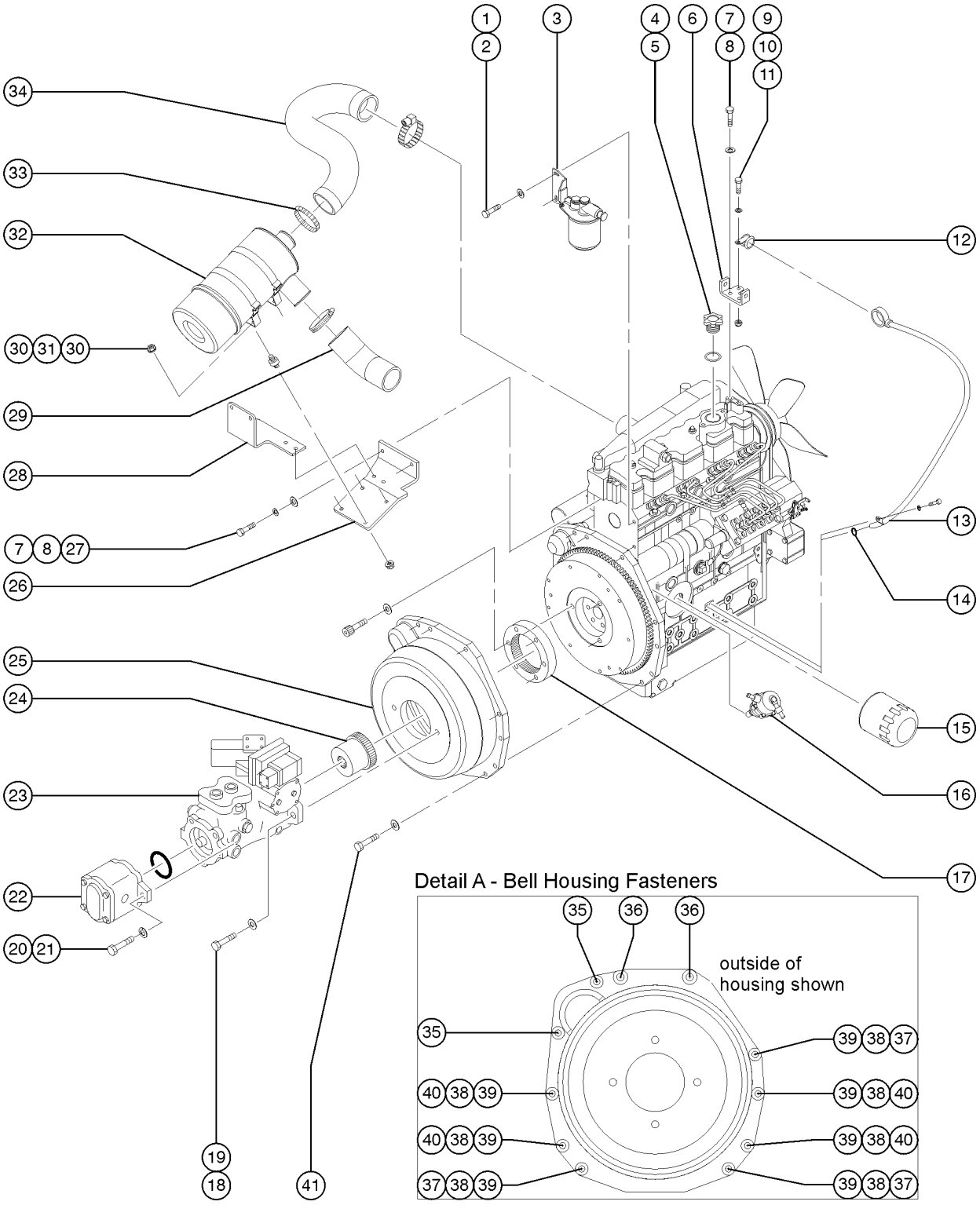
406.1 Perkins 104-22 Engine - View 1 (to SN 23008)



406.1 Perkins 104-22 Engine - View 1 (to SN 23008)

Item	Part No.	Description	Qty.
25A-	89772GT	FLEX PLATE (54573)***	
25B	89773GT	KIT, HARDWARE (54573)	
26	54535PGT	BRACKET,AIR CLEANER,PAINTED	1
27	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
28	54583PGT	BRACKET,PERKINS TAILPIPE,PNTD	1
29	34162-800GT	HOSE,AIR INTAKE 2.5 ID 8.00LG	1
30	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
31	219437GT	ISOLATOR,VIBRATION	4
32A	27915GT	AIR CLEANER metal housing	1
32A-	27916GT	FILTER,AIR,ELEMENT*** for 27915	
32A-	58917GT	END CAP,AIR FILTER-27915&49740 for 27915	
32A-	65815GT	CLAMP, AIR CLEANER (27915)** for 27915; clamp for end cap	1
32A-	52658GT	NUT - WING, AIR FILTER, 425EFI for 27915	
32A-	65810GT	BAFFLE, AIR CLEANER (27915)** for 27915	
32A-	53952GT	BRKT,AIR CLEANER ORIENTATION** for 27915	
32B	63463GT	AIR CLEANER,NELSON*** plastic housing	1
32B-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
32B-	62420GT	FILTER, AIR D2.9L4	
32B-	65810GT	BAFFLE, AIR CLEANER (27915)**	
32B-	52866GT	EVACUATOR VALVE-AIR CLEANER	
33	30971GT	CLAMP,HOSE,3.00"	2
34	54547GT	HOSE,AIR INTAKE,PERKINS	1
35	128061GT	SCREW, HHC, M10 X 1.5 X 50	2
36	60868GT	SCREW,HHC,M12 X 45	2
37	85059GT	SCREW,HHC,M10 X 1.5 X 35	3
38	22699GT	WASHER, FLAT, M10, ZINC PLTD.	7
39	22736GT	NUT,NYLOCK,M10X1.50	7
40	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8	4

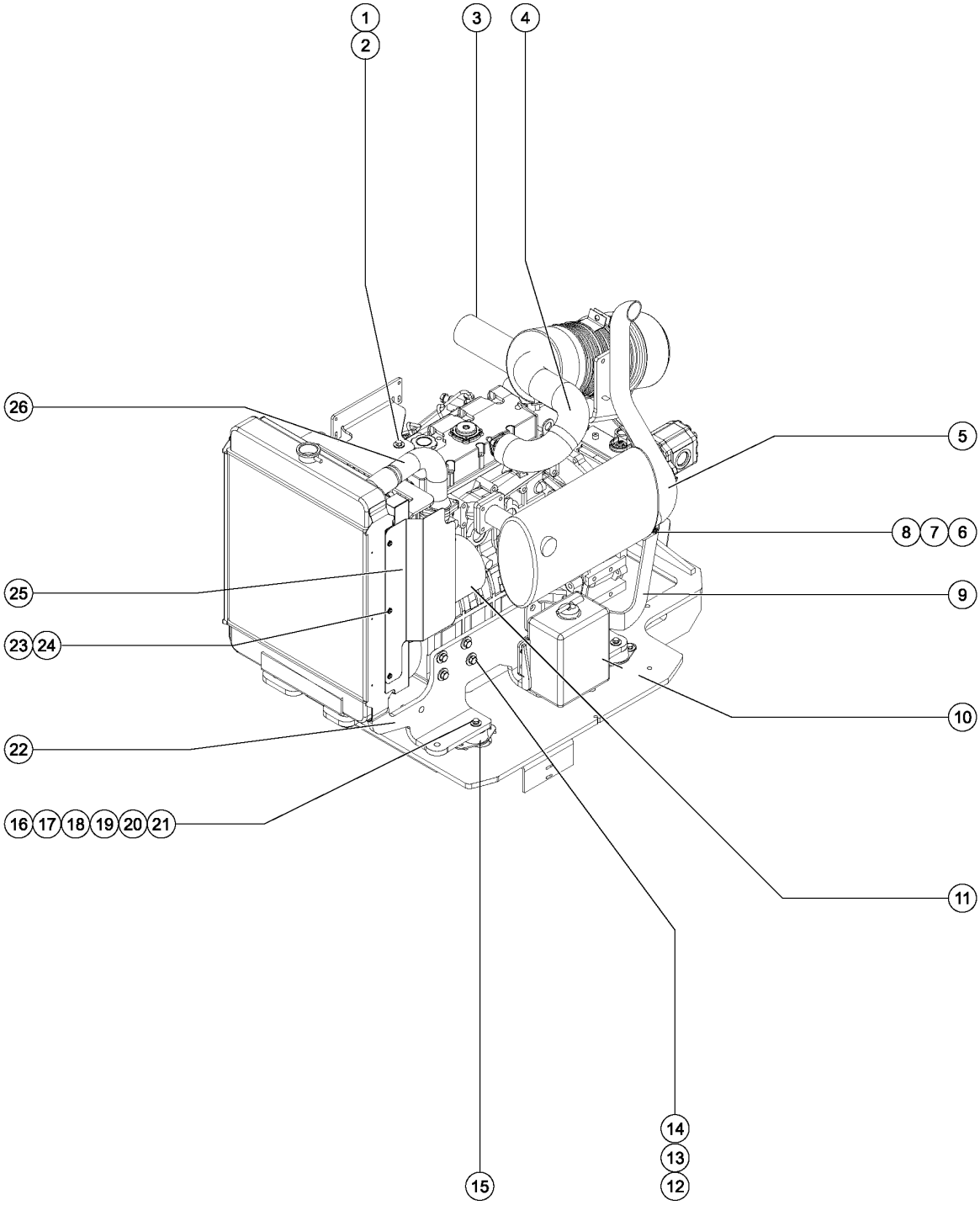
406.1 Perkins 104-22 Engine - View 1 (to SN 23008)



406.1 Perkins 104-22 Engine - View 1 (to SN 23008)

Item	*Part No.*	*Description*	*Qty.*
41		Refer to Detail A	

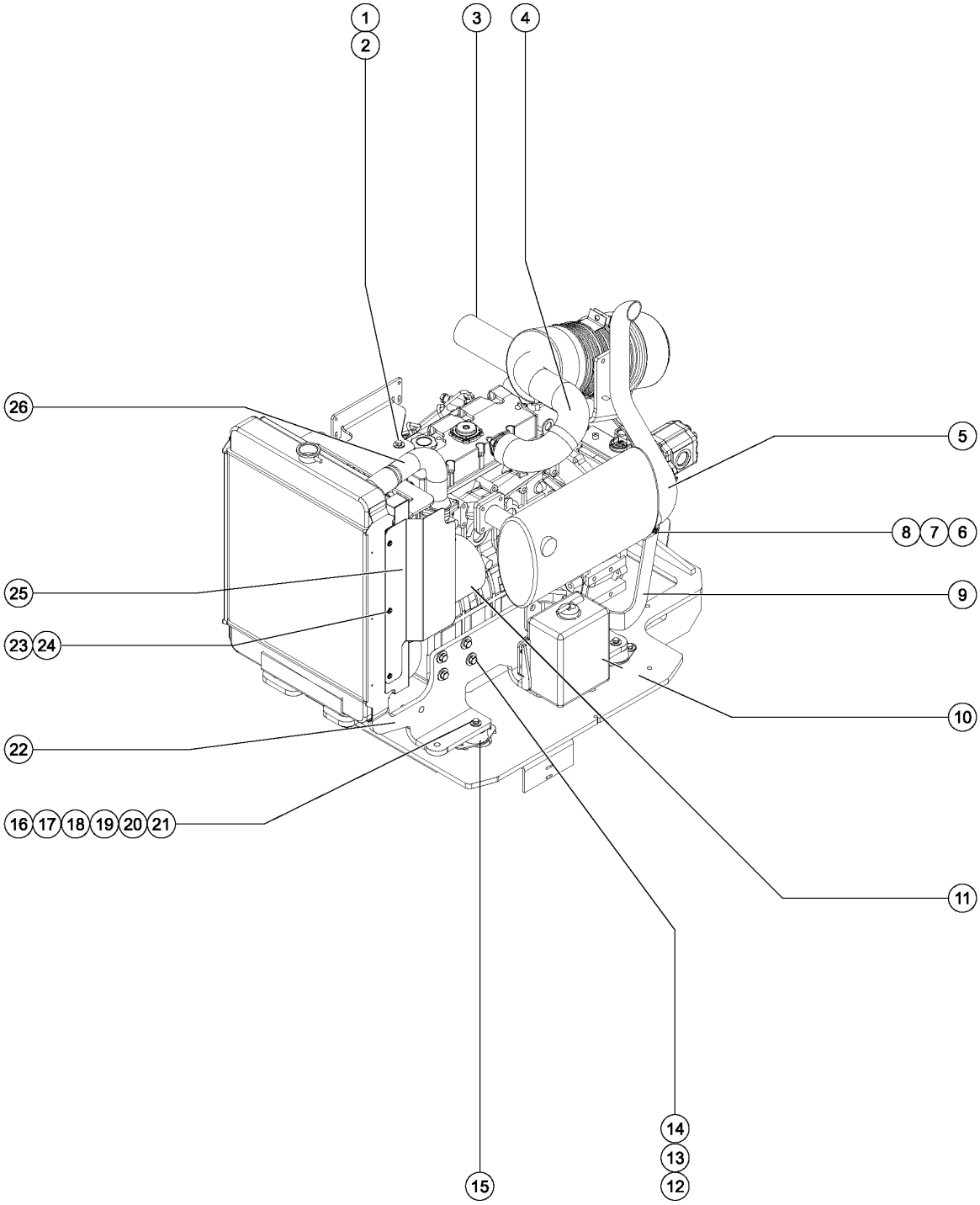
406.2 Perkins 404-22 Engine - View 1 (from SN 23009)



406.2 Perkins 404-22 Engine - View 1 (from SN 23009)

Item	Part No.	Description	Qty.
	1262585GT	STARTER MOTOR,PERKINS 404D	
	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)	
	89765GT	BELT, V (PERKINS 404) not pictured	1
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
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)	1
12	54687GT	SCREW,HHC,M14 X 1.5X40MM,GR8.8	
13	37505GT	WASHER,LOCK,M14	
14	49411GT	WASHER,FLAT,M14	
15	70452GT	ISOLATOR,ENGINE VIBRATION	4
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

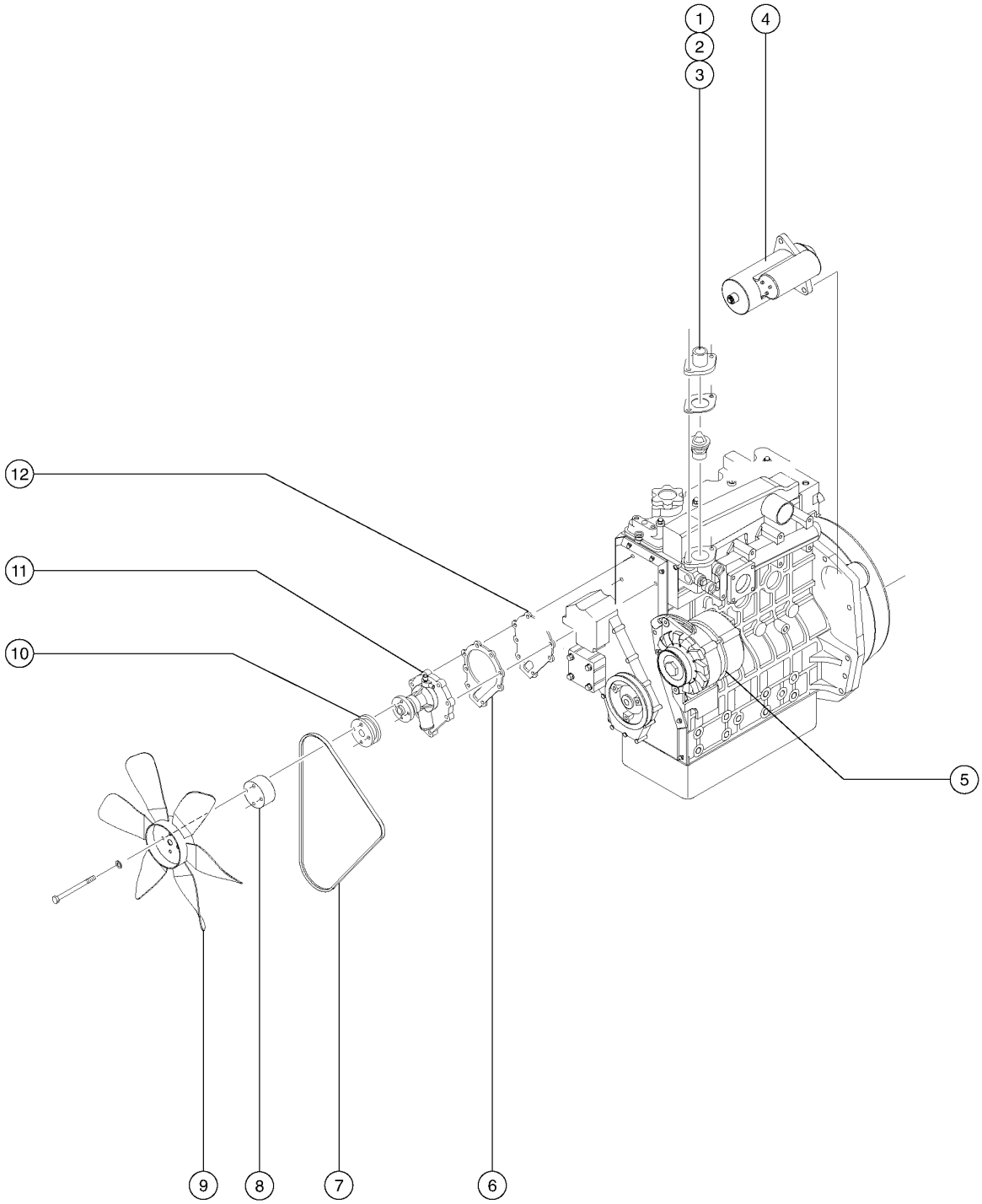
406.2 Perkins 404-22 Engine - View 1 (from SN 23009)



406.2 Perkins 404-22 Engine - View 1 (from SN 23009)

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

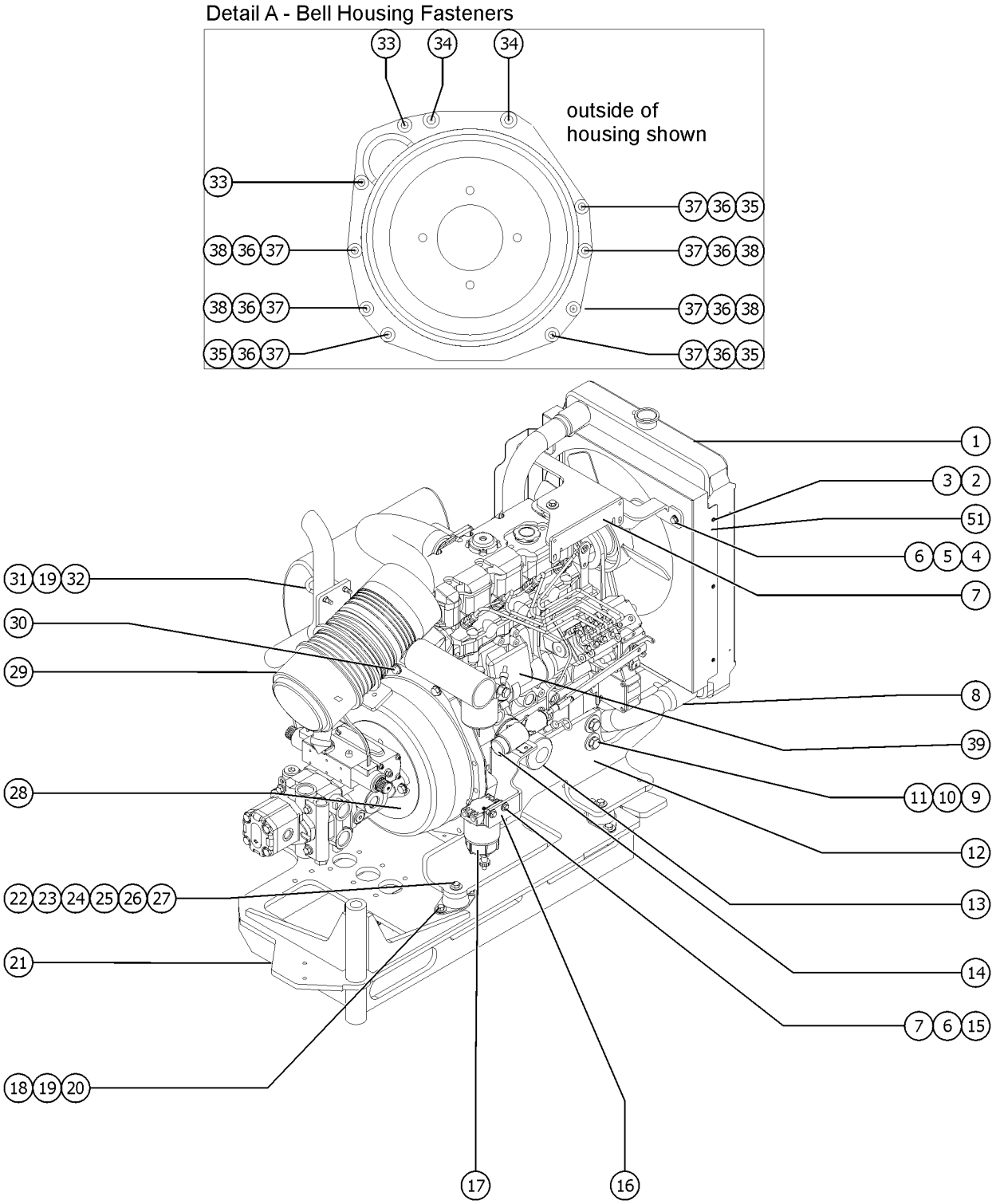
407.1 Perkins 104-22 Engine - View 2 (to SN 23008)



407.1 Perkins 104-22 Engine - View 2 (to SN 23008)

Item	Part No.	Description	Qty.
1	77476GT	HOUSING,THERMOSTAT,PERKINS 104	1
2	147355GT	GASKET-THERMOSTAT HSG	1
3	77478GT	THERMOSTAT (PERKINS 104-22)	1
4	1262585GT	STARTER MOTOR,PERKINS 404D	1
5	72342GT	ALTERNATOR, PERKINS (54555)	1
6	58354GT	GASKET,WATER PUMP	1
7	77481GT	FAN BELT (104-22) PERKINS	1
8	77484GT	EXTENSION, FAN (104-22)	1
9	77483GT	FAN, ENGINE (104-22)(404-22)*	1
10	77482GT	PULLEY, WATER PUMP	1
11	89763GT	PUMP WATER (PERKINS 404)***	1
11-	72339GT	SWITCH,WATER TEMP-PERKINS54555	1
11-	72340GT	OUTLET,WATER, PERKINS (54555)	1
12	77485GT	PLATE,WATER PUMP (104-22)	1

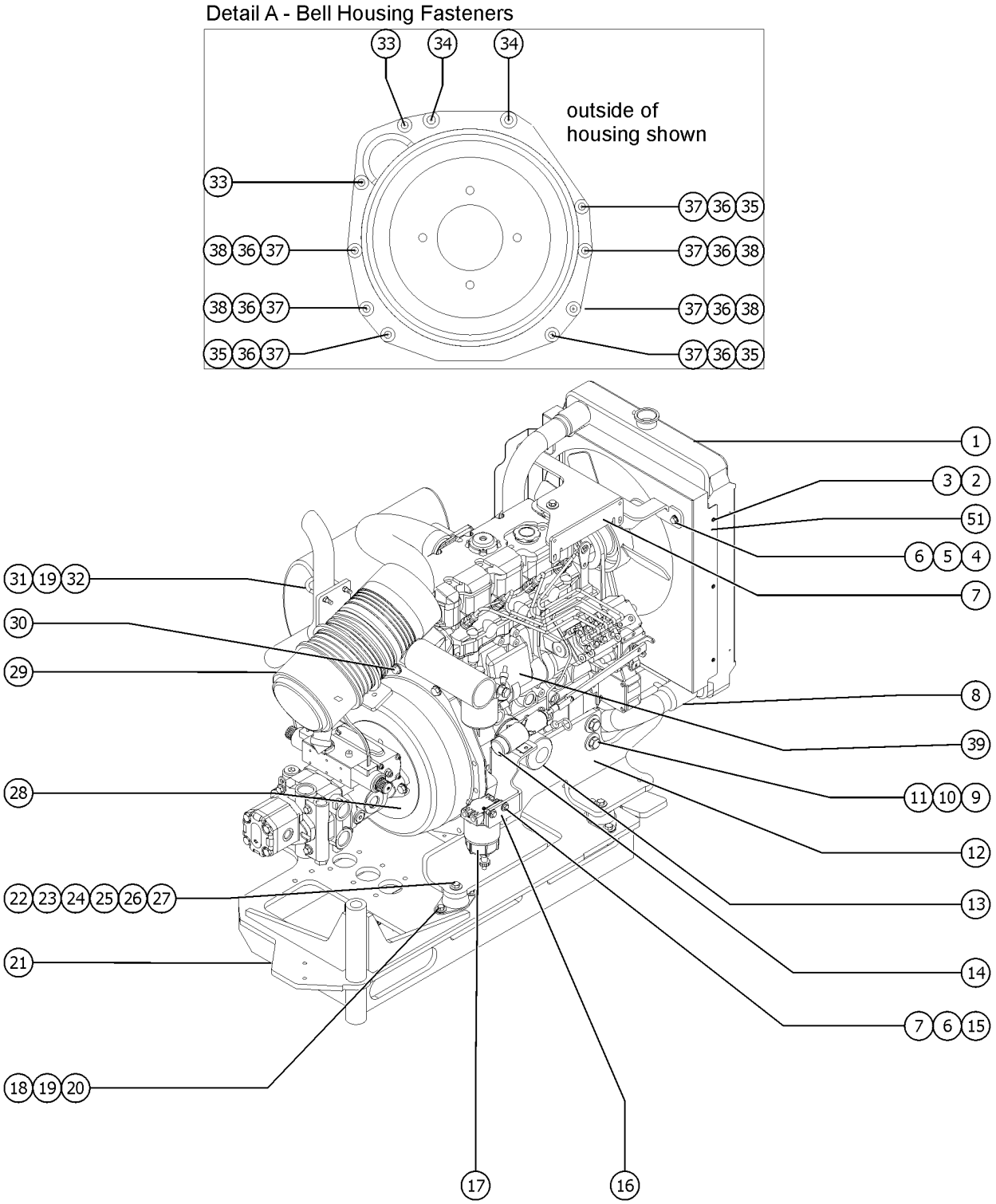
407.2 Perkins 404-22 Engine - View 2 (from SN 23009)



407.2 Perkins 404-22 Engine - View 2 (from SN 23009)

Item	Part No.	Description	Qty.
1	110304GT	RADIATOR,FORD/PERKINS***	1
1-	77483GT	FAN, ENGINE (104-22)(404-22)*	1
1-	1252943GT	SPACER,FAN,PERKINS 404F	1
1-	24038GT	SHOCK MOUNT,SMALL	1
1-	65473GT	CAP,RADIATOR,PERKINS/FORD	1
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.	1
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	1
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	107807GT	ASSEMBLY, ENGINE TRAY	1

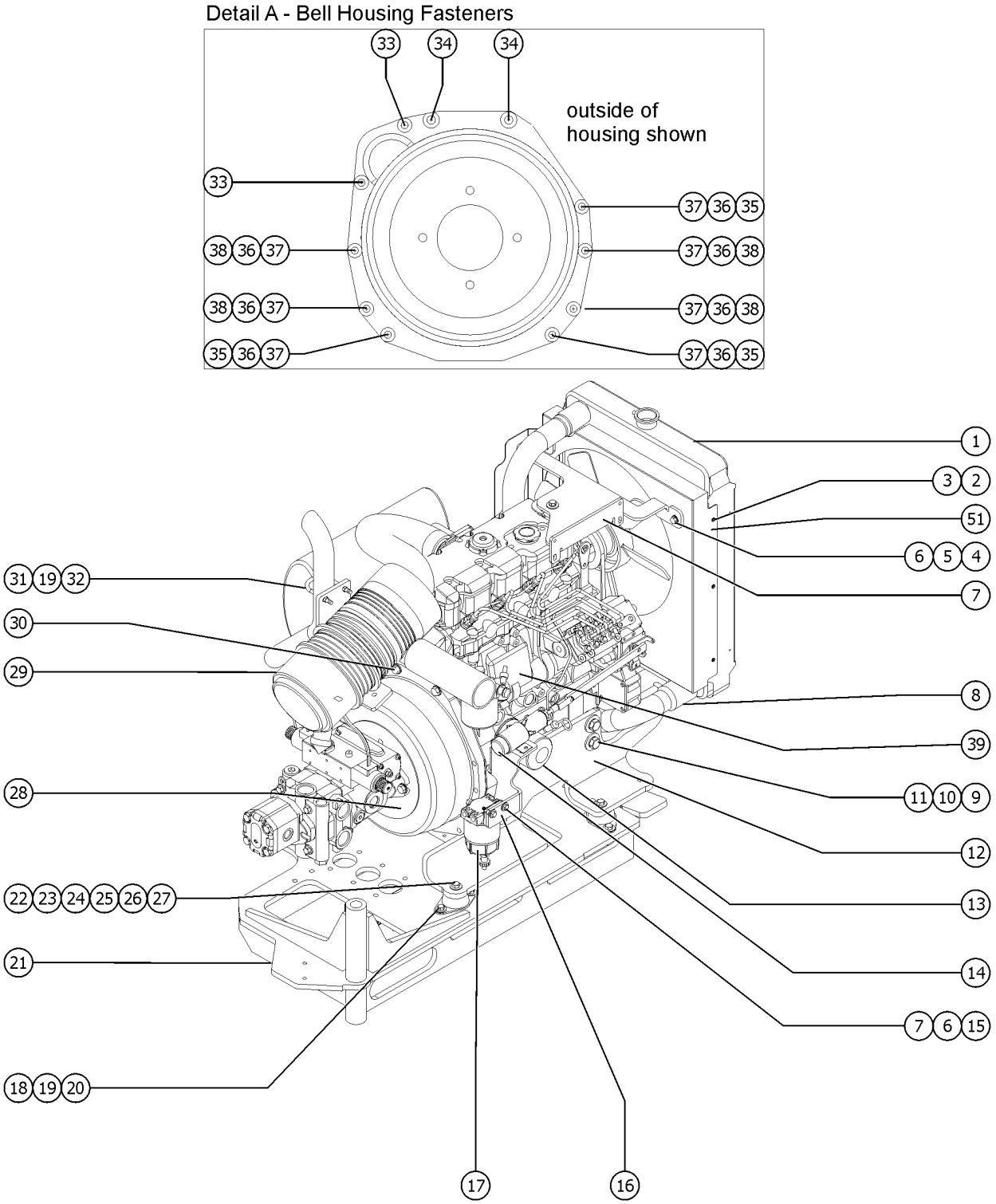
407.2 Perkins 404-22 Engine - View 2 (from SN 23009)



407.2 Perkins 404-22 Engine - View 2 (from SN 23009)

Item	Part No.	Description	Qty.
21-	25817GT	BEARING,1.00IDX1.25ODX1.00L	1
22	8357GT	SCREW, HHC, 1/2-13 X 3.5	
23	6095GT	WASHER,FLAT,USS,1/2",Y	
24	101730GT	SPACER,ENGINE MOUNT	2
25	101729GT	WASHER,VIBRATION ISOLATING	2
26	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	
27	6198GT	NUT, NYLOCK, 1/2-13	
28	128022GT	KIT,FBA STYLE COUPLER,PERKINS includes 15-tooth coupler (128003), fastener kit (1263209) and grease	1
28-	29749GT	COUPLER,SMALL METAL,15T,***	
28-	89771GT	HOUSING,PUMP MOUNT (54573)	
28-	89772GT	FLEX PLATE (54573)***	
28-	89773GT	KIT, HARDWARE (54573)	
28-	128022GT	KIT,FBA STYLE COUPLER,PERKINS includes 15-tooth coupler (128003), fastener kit (1263209) and grease	
29A	63463GT	AIR CLEANER,NELSON*** plastic housing	1
29A-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
29A-	62420GT	FILTER, AIR D2.9L4	
29A-	65810GT	BAFFLE, AIR CLEANER (27915)**	
29A-	52866GT	EVACUATOR VALVE-AIR CLEANER	
29A-	53952GT	BRKT,AIR CLEANER ORIENTATION** for 63463	
29A-	88846GT	HOSE,AIR INLET for 63463	
29A-	88847GT	HOSE,AIR CLEANER TO INTAKE for 63463	
29B	27915GT	AIR CLEANER metal housing	1
29B-	27916GT	FILTER,AIR,ELEMENT*** for 27915	
29B-	65815GT	CLAMP, AIR CLEANER (27915)** for 27915; clamp for end cap	1
29B-	58917GT	END CAP,AIR FILTER-27915&49740 for 27915	
29B-	52658GT	NUT - WING, AIR FILTER, 425EFI for 27915	
29B-	65810GT	BAFFLE, AIR CLEANER (27915)** for 27915	
29B-	65815GT	CLAMP, AIR CLEANER (27915)** for 27915	

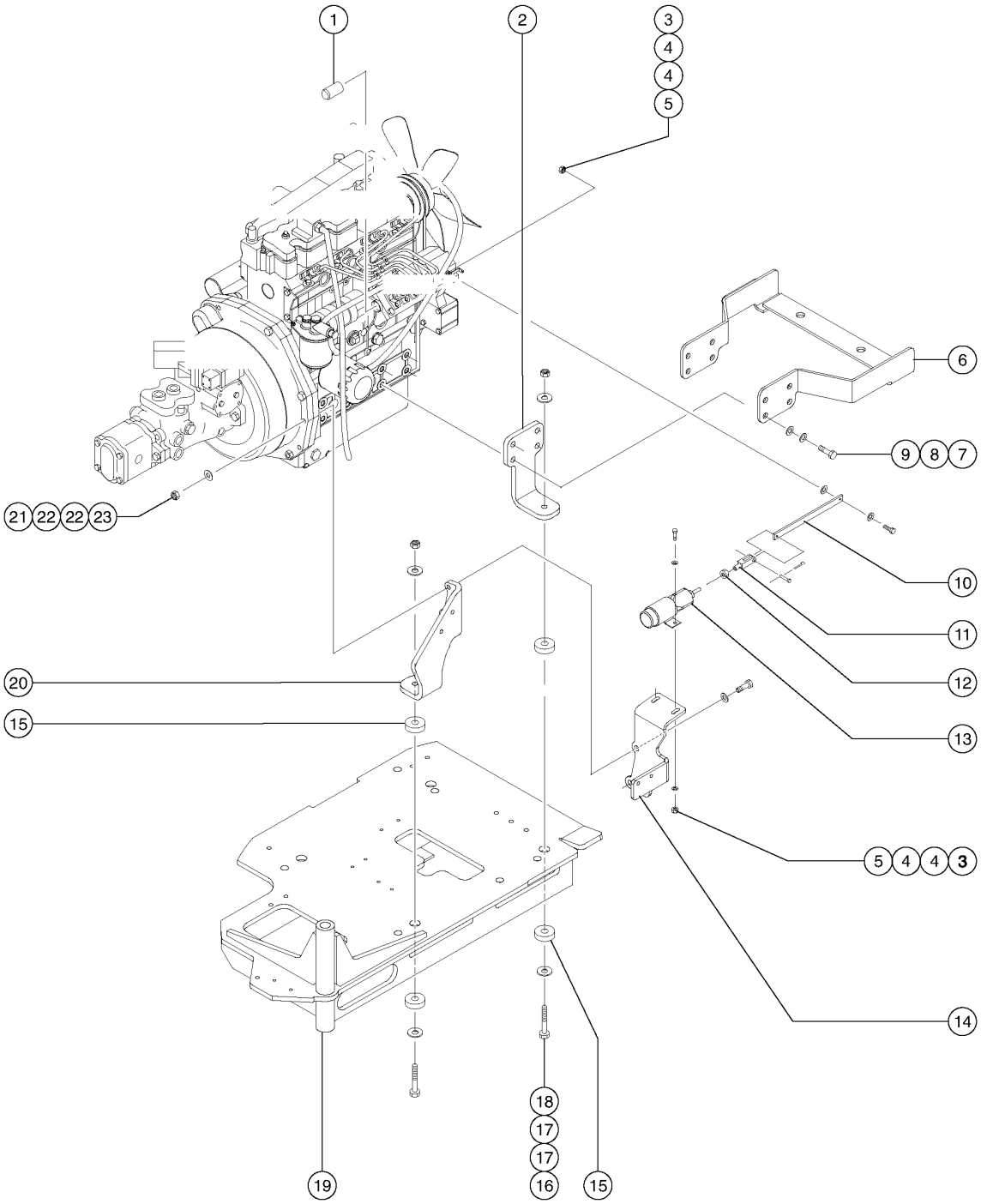
407.2 Perkins 404-22 Engine - View 2 (from SN 23009)



407.2 Perkins 404-22 Engine - View 2 (from SN 23009)

Item	Part No.	Description	Qty.
30	60868GT	SCREW,HHC,M12 X 45	
31	80391GT	U-BOLT,5/16 -18 X 2IN**	
32	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
33	128061GT	SCREW, HHC, M10 X 1.5 X 50	2
34	60868GT	SCREW,HHC,M12 X 45	2
35	85059GT	SCREW,HHC,M10 X 1.5 X 35	3
36	22699GT	WASHER, FLAT, M10, ZINC PLTD.	7
37	22736GT	NUT,NYLOCK,M10X1.50	7
38	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8	4
39A	236426GT	SOLENOID KIT,SHUT DN,PERKINS for engine serial nuymbers ending in L, or before	
39B	106663GT	SOLENOID,SHUT DOWN PERKIN40422 for engine serial numbers ending in M, or later	
51	88990PGT	SHROUD,FAN PAINTED	1

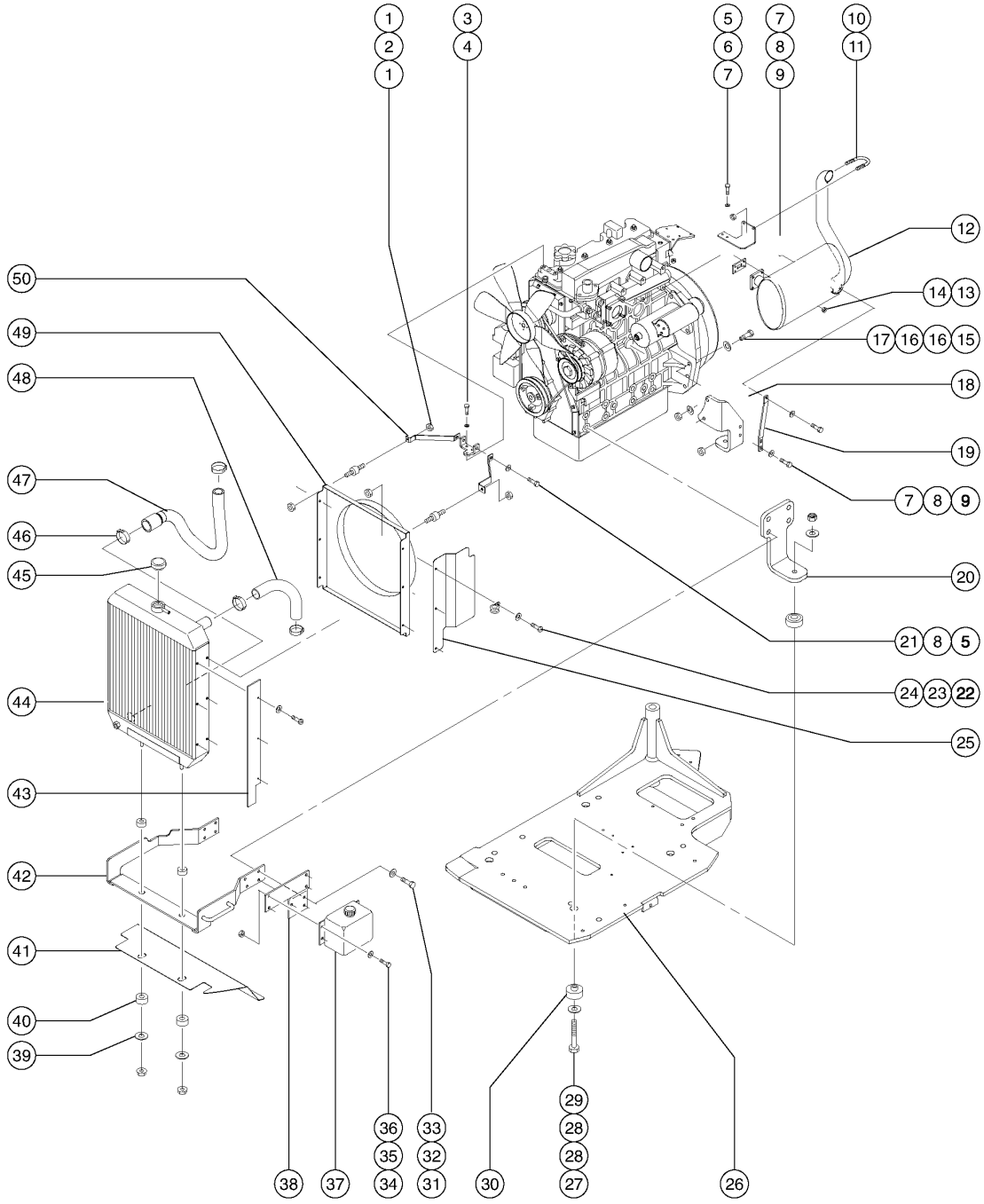
408.1 Perkins 104-22 Engine - View 3 (to SN 23008)



408.1 Perkins 104-22 Engine - View 3 (to SN 23008)

Item	Part No.	Description	Qty.
1	72350GT	SOLENOID,SHUT DN,PERKINS(54555	1
2	54517PGT	FORMING,FRONT FOOT,PAINTED	1
3	6889GT	NUT,LP NYLOCK,1/4-20	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6090GT	SCREW, HHC, 1/4-20 X .75	
6	54538GT	WELDMENT,RADIATOR MNT.,PERKINS	1
7	54687GT	SCREW,HHC,M14 X 1.5X40MM,GR8.8	
8	37505GT	WASHER,LOCK,M14	
9	49411GT	WASHER,FLAT,M14	
10	94485GT	THROTTLE LINKAGE,DIESEL***	1
11	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	
12	21496GT	NUT,HEX,1/4-28	
13	77402GT	SOLENOID,THROTTLE ACTUATOR DSL	
14	94378PGT	FORMING,SOLENOID MOUNT PAINTED	1
15	24037GT	SHOCK MOUNT,LARGE**	2
16	8357GT	SCREW, HHC, 1/2-13 X 3.5	
17	6095GT	WASHER,FLAT,USS,1/2",Y	
18	6198GT	NUT, NYLOCK, 1/2-13	
19	101044GT	PLATE,ENGINE TRAY***	1
20	54519PGT	FORMING,REAR FOOT RT,PAINTED	1
21	22736GT	NUT,NYLOCK,M10X1.50	
22	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
23	44064GT	SCREW,HHC,M10 X 30MM,	

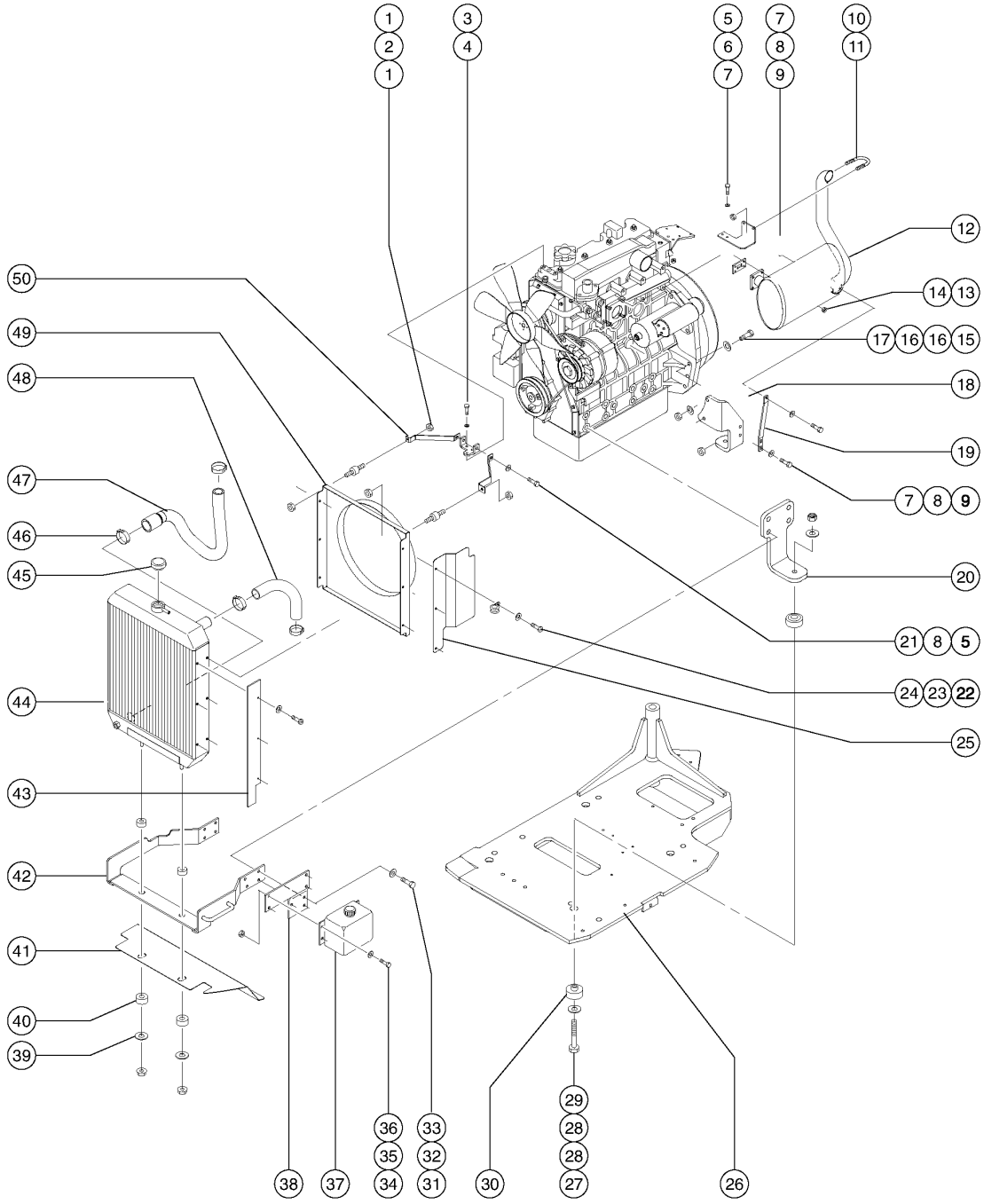
409.1 Perkins 104-22 Engine - View 4 (to SN 23008)



409.1 Perkins 104-22 Engine - View 4 (to SN 23008)

Item	Part No.	Description	Qty.
1	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	
2	219437GT	ISOLATOR,VIBRATION	2
3	23057GT	SCREW,HHC,M8 X 20MM	
4	49408GT	WASHER, LOCK, M8	
5	6175GT	SCREW,HHC,3/8-16 X 1	
6	6097GT	WASHER, FLAT, USS, 3/8", Y	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	5397GT	WASHER, FLAT, USS, 5/16-18	
9	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
10	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***	
11	6037GT	NUT,HEX,5/16-18,GR5	
12	54543GT	MUFFLER,PERKINS 404-22DSL	1
13	59579GT	NUT, HEX FLANGE M 8 X 1.25	
14	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	1
15	44064GT	SCREW,HHC,M10 X 30MM,	
16	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
17	22736GT	NUT,NYLOCK,M10X1.50	
18	54518PGT	FORMING,REAR FOOT LT,PAINTED	1
19	54584GT	BRACKET,PERKINS MUFFLER	1
20	54517PGT	FORMING,FRONT FOOT,PAINTED	1
21	7713GT	NUT, LP NYLOCK, 3/8-16	
22	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP	
23	6146GT	WASHER,FLAT,MS,#10,Y	
24	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
25	54585GT	GUARD,FAN,PERKINS,PAINTED	1
26	107807GT	ASSEMBLY, ENGINE TRAY	1
26-	25817GT	BEARING,1.00IDX1.25ODX1.00L	2
27	8357GT	SCREW, HHC, 1/2-13 X 3.5	

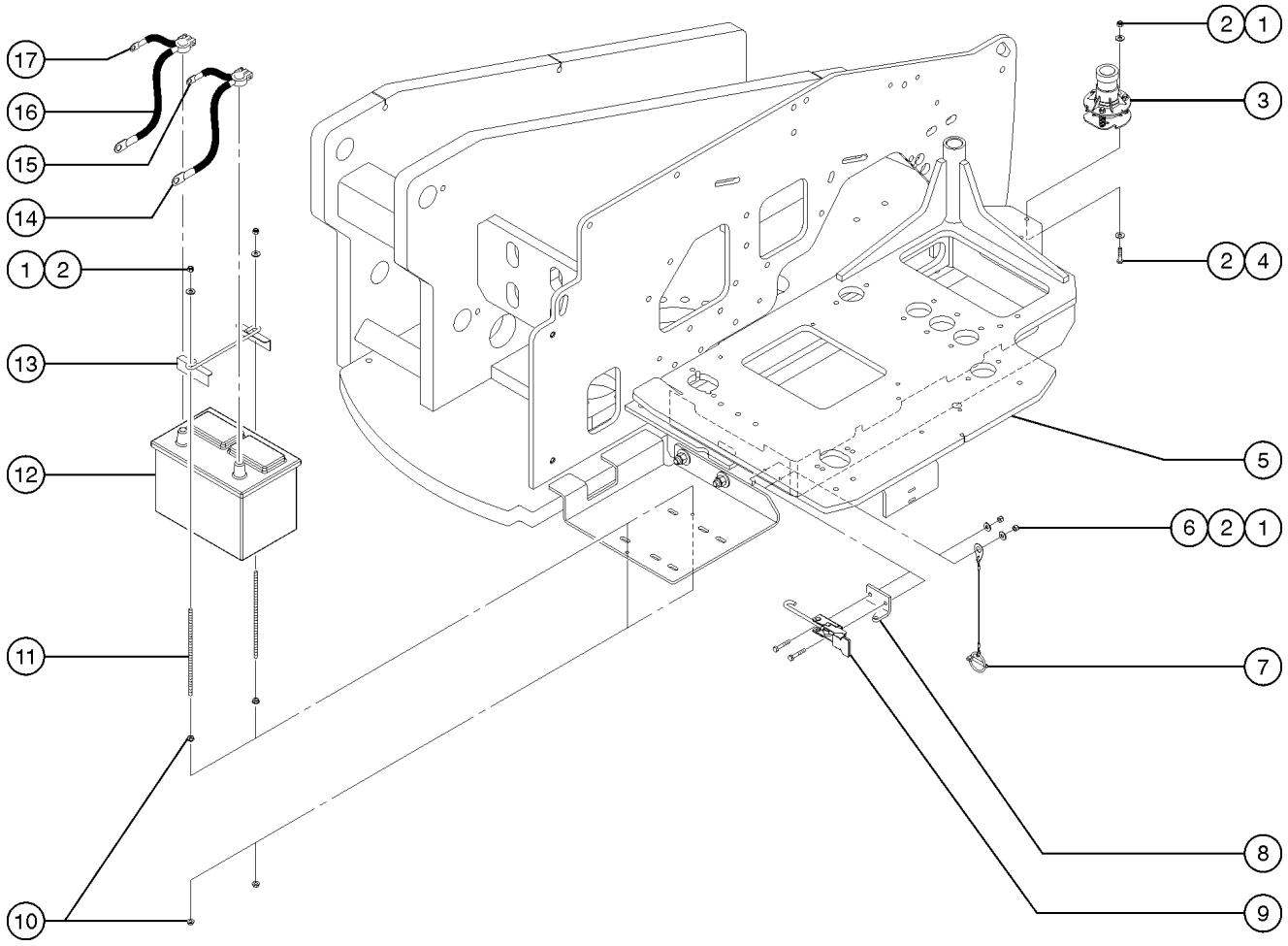
409.1 Perkins 104-22 Engine - View 4 (to SN 23008)



409.1 Perkins 104-22 Engine - View 4 (to SN 23008)

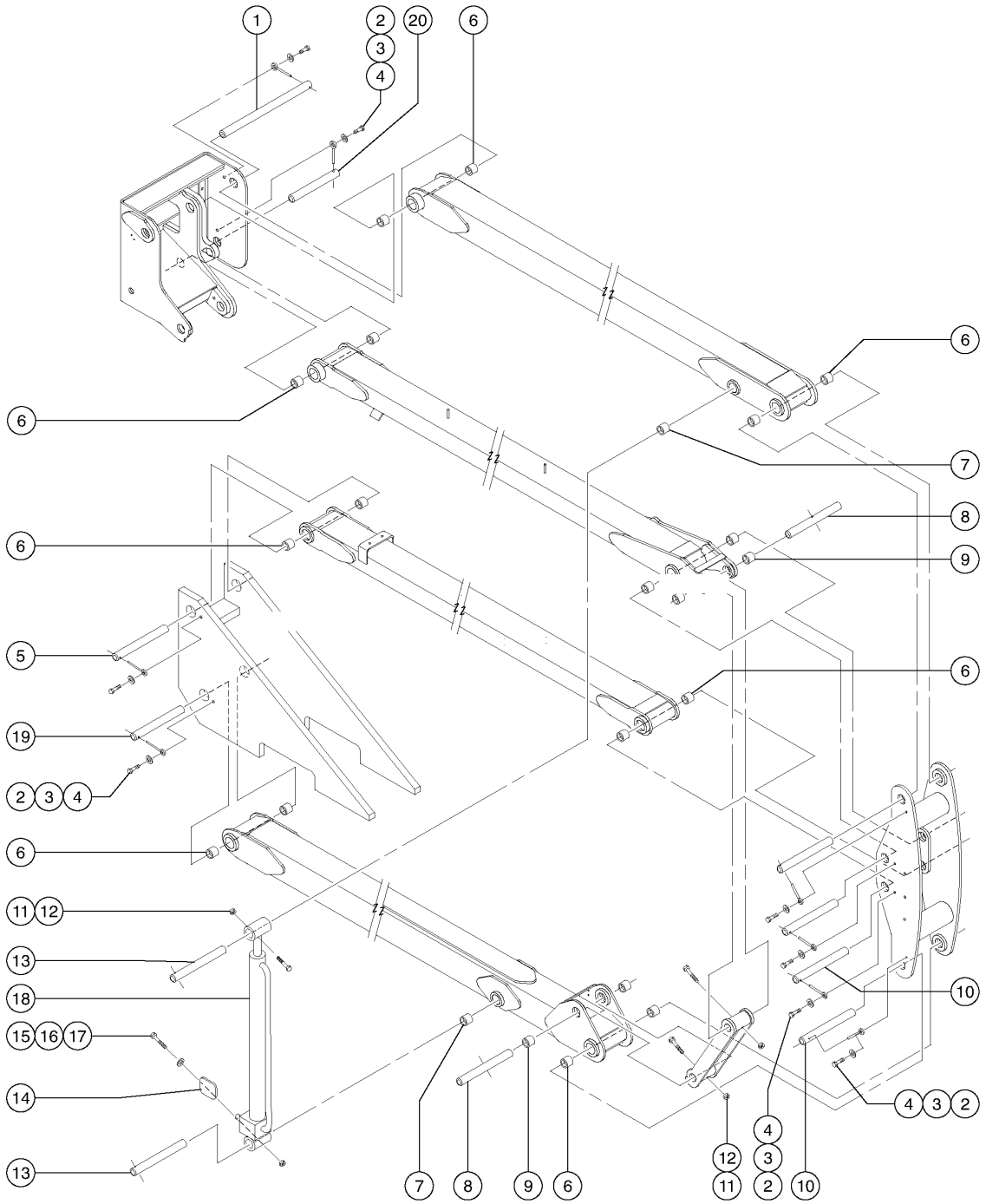
Item	Part No.	Description	Qty.
28	6095GT	WASHER,FLAT,USS,1/2",Y	
29	6198GT	NUT, NYLOCK, 1/2-13	
30	24037GT	SHOCK MOUNT,LARGE**	2
31	54687GT	SCREW,HHC,M14 X 1.5X40MM,GR8.8	
32	37505GT	WASHER,LOCK,M14	
33	49411GT	WASHER,FLAT,M14	
35	6638GT	WASHER, FLAT, USS, 1/4"Y	
36	6091GT	NUT,NYLOCK,1/4-20	
37	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
37-	72327GT	CAP, COOLANT RET SYS(54071)	1
38	54601PGT	BRACKET,COOLANT TANK MNT,PNTD	1
39	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
40	24038GT	SHOCK MOUNT,SMALL	4
41	54602PGT	PLATE,LOWER AIR BAFFLE,PAINTED	1
42	54538GT	WELDMENT,RADIATOR MNT.,PERKINS	1
43	54189GT	SEAL,RUBBER,BAFFLE,FORD	1
44	110304GT	RADIATOR,FORD/PERKINS***	1
45	27943GT	CAP,RADIATOR,FORD***	1
46	13014GT	CLAMP,HOSE,2.25" DIA.	2
47	54579GT	HOSE,LOWER,RADIATOR,PERKINS	1
47-	66031GT	CLAMP,1.88,#30 X 3/8,RUB CUSH	1
48	54578GT	HOSE,UPPER RADIATOR,PERKINS	1
49	54546PGT	SHROUD,FAN,PERKINS DSL,PAINTED	1
50	54581PGT	STRUT,PERKINS RADIATOR,PAINTED	1

410.1 Engine Tray and Battery



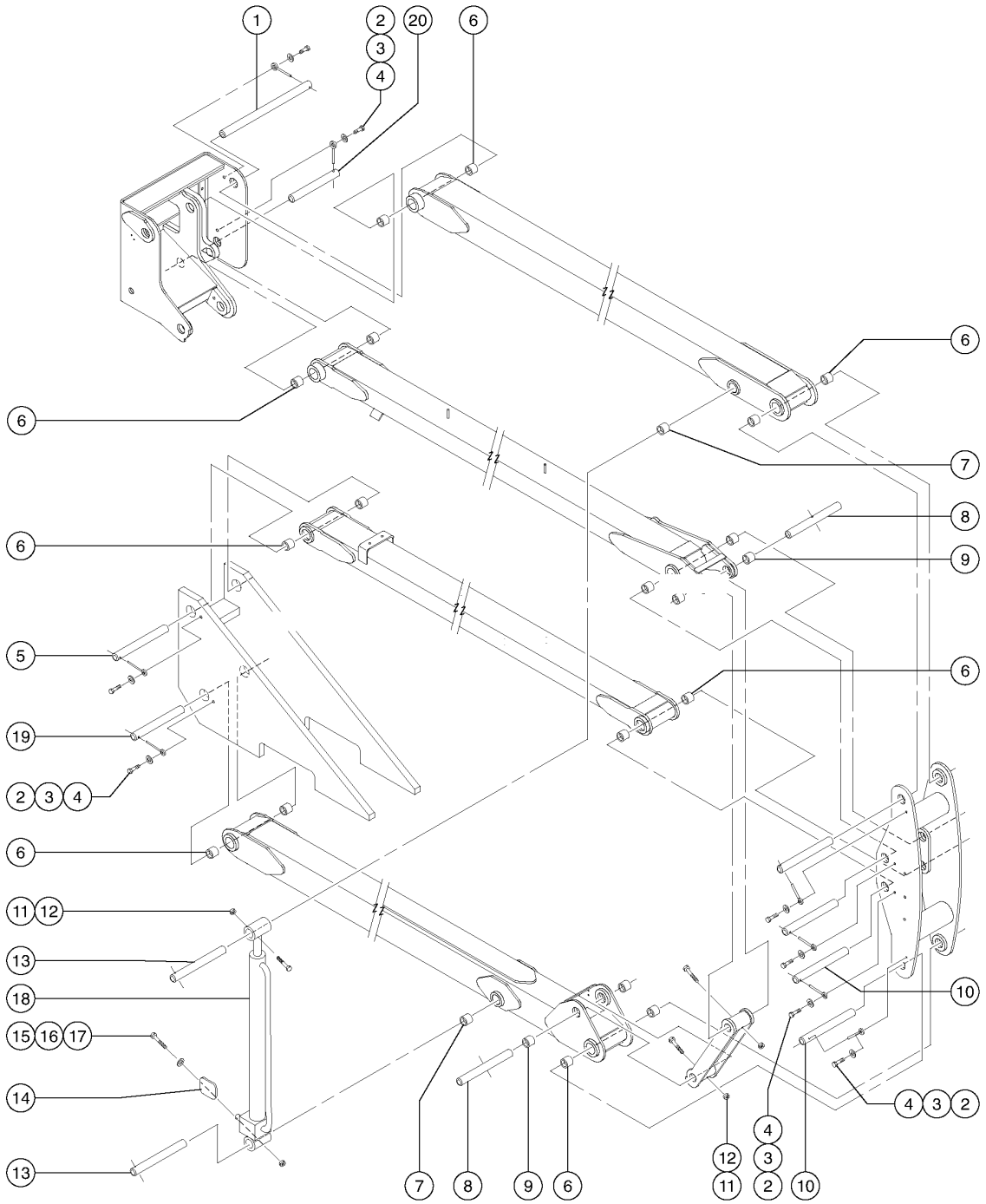
Item	Part No.	Description	Qty.
1	6091GT	NUT,NYLOCK,1/4-20	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3A	94077GT	SENSOR,LEVEL,4.5 DEG ANSI/CSA models. PN 1261449 may be required, see below.	1
3B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 European models; from SN 28840	
3C	42439GT	SENSOR,LEVEL 3 DEG** Austrailian 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"*** to SN 39857	1
14-	119802GT	BATTERY CABLE,1/0,RED,94" from SN 39858	
15	70645GT	BATTERY CABLE,RED#2,5/16,5/16	1
16	70609GT	BATTERY CABLE,1/0,BLK,91"*** to SN 39857	1
16-	119803GT	BATTERY CABLE,1/0,BLACK,102" from SN 39858	
17	70646GT	BATTERY CABLE,BLK,#2,5/16,3/8*	1

501.1 Boom Pins and Bearings, Z-45/25



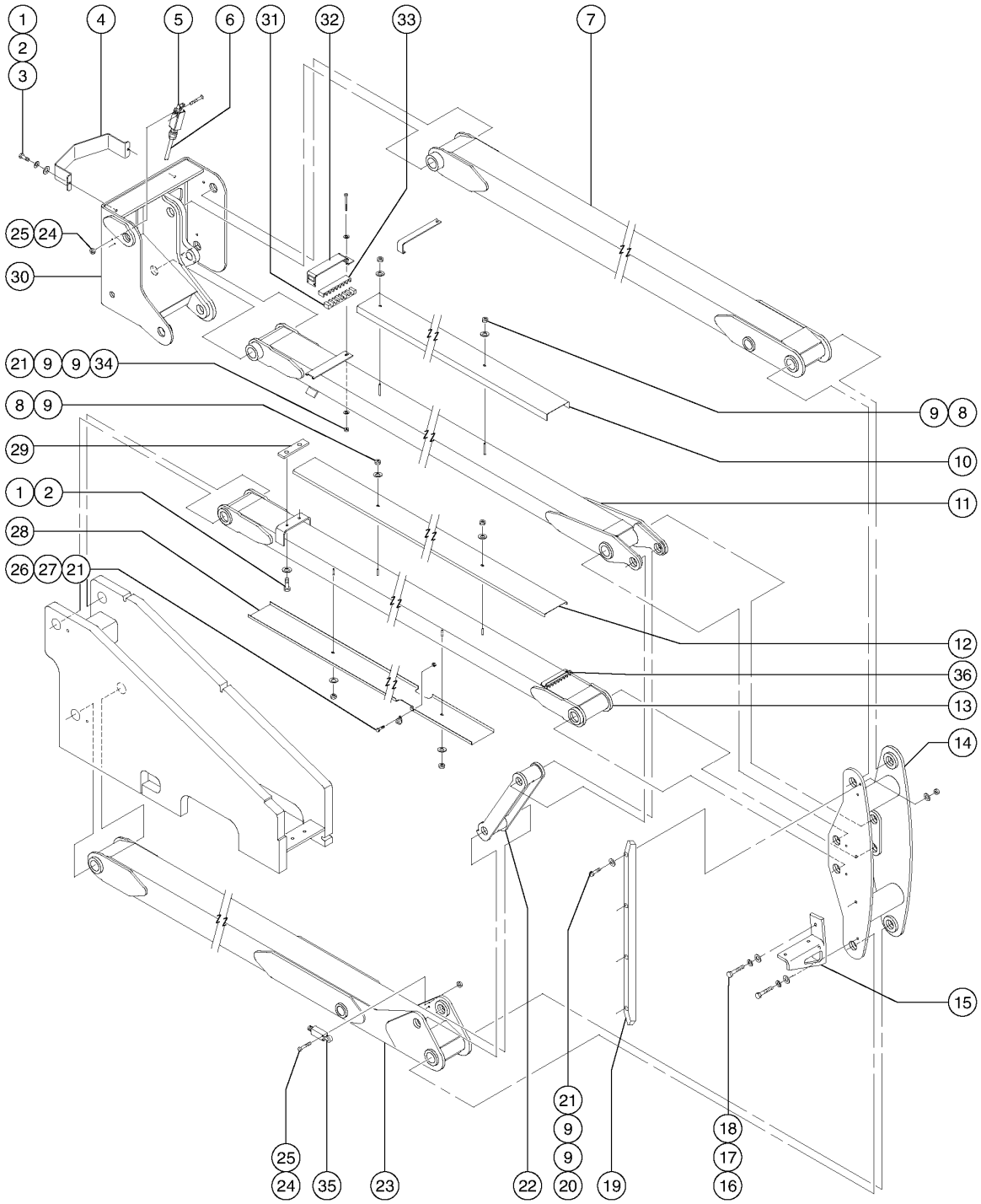
Item	Part No.	Description	Qty.
1	54331GT	PIN,1.75DIAX23.57LG,CHAMFER***	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	1256267GT	ROD END,.5 X 3.75,ZAG	
5	101948GT	PIN,1.75 X 12.25 CHAMFER	1
6	30221GT	BEARING,1.75IDX2.O0ODX1.50LG	16
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
8	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
9	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	4
10	54302GT	PIN,1.75DIAX11.63LG,CHAMFER	4
11	4828GT	NUT, NYLOCK, 3/8-16	
12	6326GT	SCREW,HHC,3/8-16 X 3	
13	50455GT	PIN,1.50DIAX13.88LG,2HOLE	2
14	54726GT	WEAR PAD,SECONDARY CYL,NON/JIB	1
15	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
16	5397GT	WASHER, FLAT, USS, 5/16-18	
17	7713GT	NUT, LP NYLOCK, 3/8-16	
18	88203GT	CYLINDER,ELEVATE,Z45/25***	2
18-	77521GT	SEAL KIT,ELEVATE (88203)	2
18-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN	2
19	50460GT	PIN,1.75DIAX12.13LG,CHAMFER	1
20	54738GT	PIN,1.75DIAX12.25LG,CHAMFER	1

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



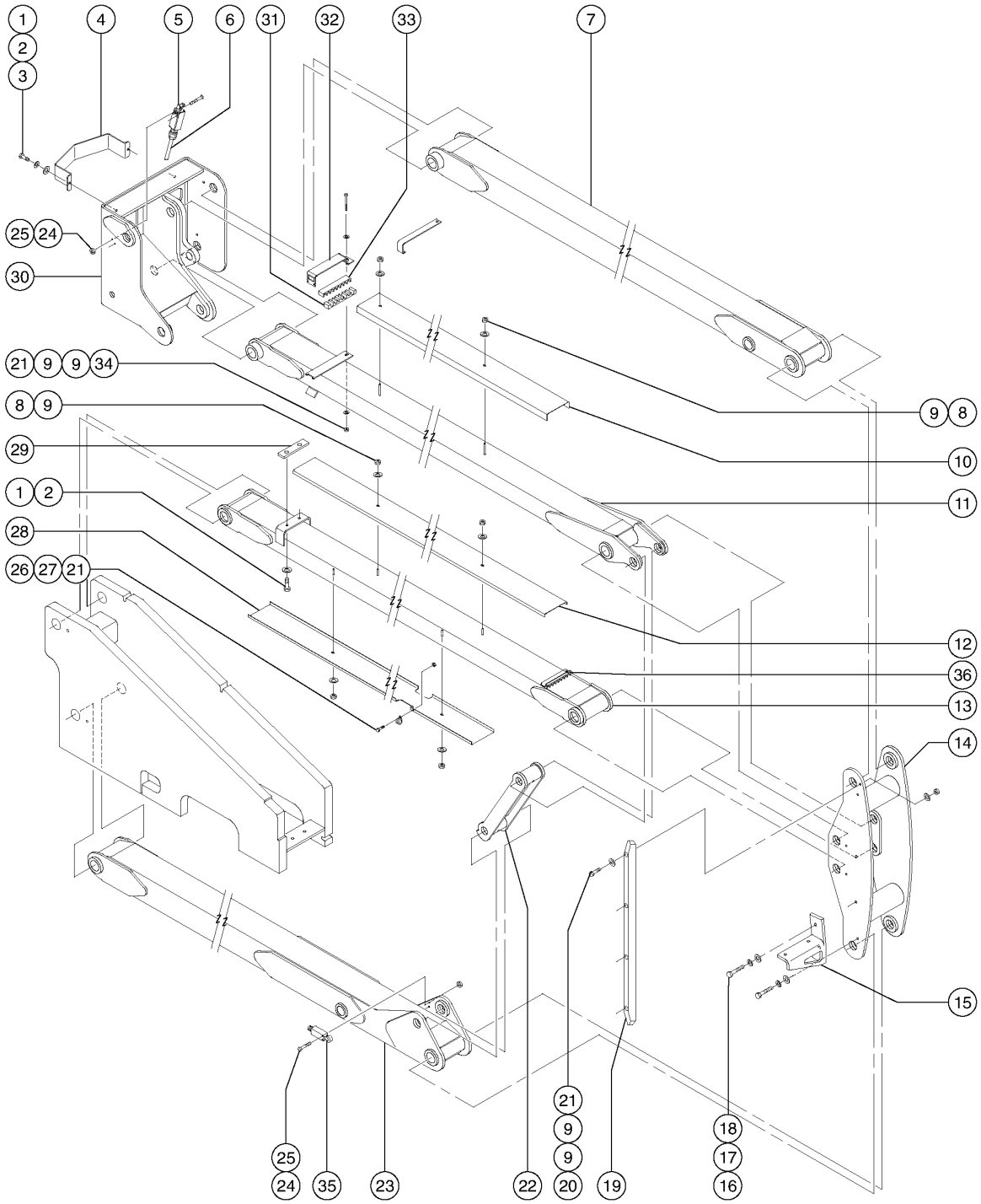
Item	Part No.	Description	Qty.
1	54331GT	PIN,1.75DIAX23.57LG,CHAMFER***	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	1256267GT	ROD END,.5 X 3.75,ZAG	
5	101948GT	PIN,1.75 X 12.25 CHAMFER	1
6	30221GT	BEARING,1.75IDX2.O0ODX1.50LG	16
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
8	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
9	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	4
10	54302GT	PIN,1.75DIAX11.63LG,CHAMFER	4
11	4828GT	NUT, NYLOCK, 3/8-16	
12	6326GT	SCREW,HHC,3/8-16 X 3	
13	50455GT	PIN,1.50DIAX13.88LG,2HOLE	2
18	88203GT	CYLINDER,ELEVATE,Z45/25***	2
18	77521GT	SEAL KIT,ELEVATE (88203)	2
18	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN	2
19	50460GT	PIN,1.75DIAX12.13LG,CHAMFER	1
20	54738GT	PIN,1.75DIAX12.25LG,CHAMFER	1

502.1 Boom Linkage, Z-45/25



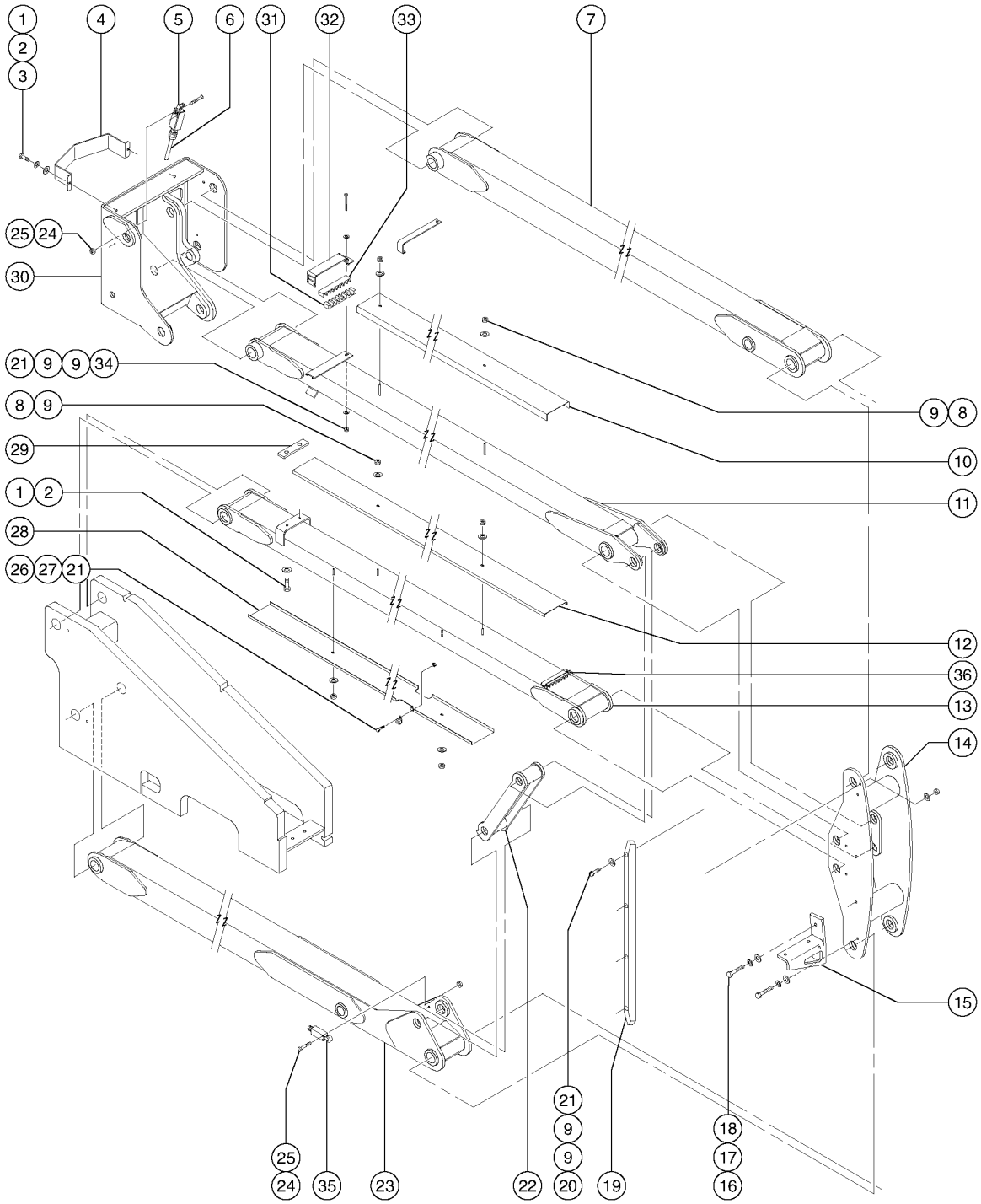
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	60074PGT	COVER BRACE,UPPER PIVOT,REAR,P	1
5	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	1
5-	60442GT	CONN,RECEP 4 WAY, 14-18GA	1
5-	60443GT	LOCK, RECEP 4WAY, 14-18GA	1
5-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	1
5-	73725GT	BOOT,DTSCH,DTP4-BT	1
6	43960GT	WIRE CABLE,16/4 CON.TPE JKT	396
7	52729GT	UPPER SECONDARY ARM ASSY-Z45	1
8	7713GT	NUT, LP NYLOCK, 3/8-16	
9	6097GT	WASHER, FLAT, USS, 3/8", Y	
10	88370PGT	HOSE COVER,UPPER ARM,PAINTED	
11	52740GT	UPPER LEVEL ARM ASSY,SERV	1
12	50517-SGT	HOSE COVER,LOWER LEVEL,TOP,PAI	1
13	52741GT	LOWER LEVEL ARM ASSY	1
14	52738GT	MIDPIVOT ASSY Z45IC USA/Canada/Australian models	1
14-	50266GT	WELDMENT,MID PIVOT,MACHINED CE/Asia/South American models	1
16	10587GT	SCREW,HHC,1/2-13 X.75	
19	54168GT	WEAR PAD,MID PIVOT,PERIMETER	1
20	4266GT	SCREW,HHC,1/4-20 X 2	
21	6091GT	NUT,NYLOCK,1/4-20	
22	50479-SGT	CONNECTING LINK, Z45/25	1
23	52742-SGT	LOWER SECONDARY ARM ASSY includes bearings	1
24	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
25	6178GT	NUT, NYLOCK, 10-32	

502.1 Boom Linkage, Z-45/25



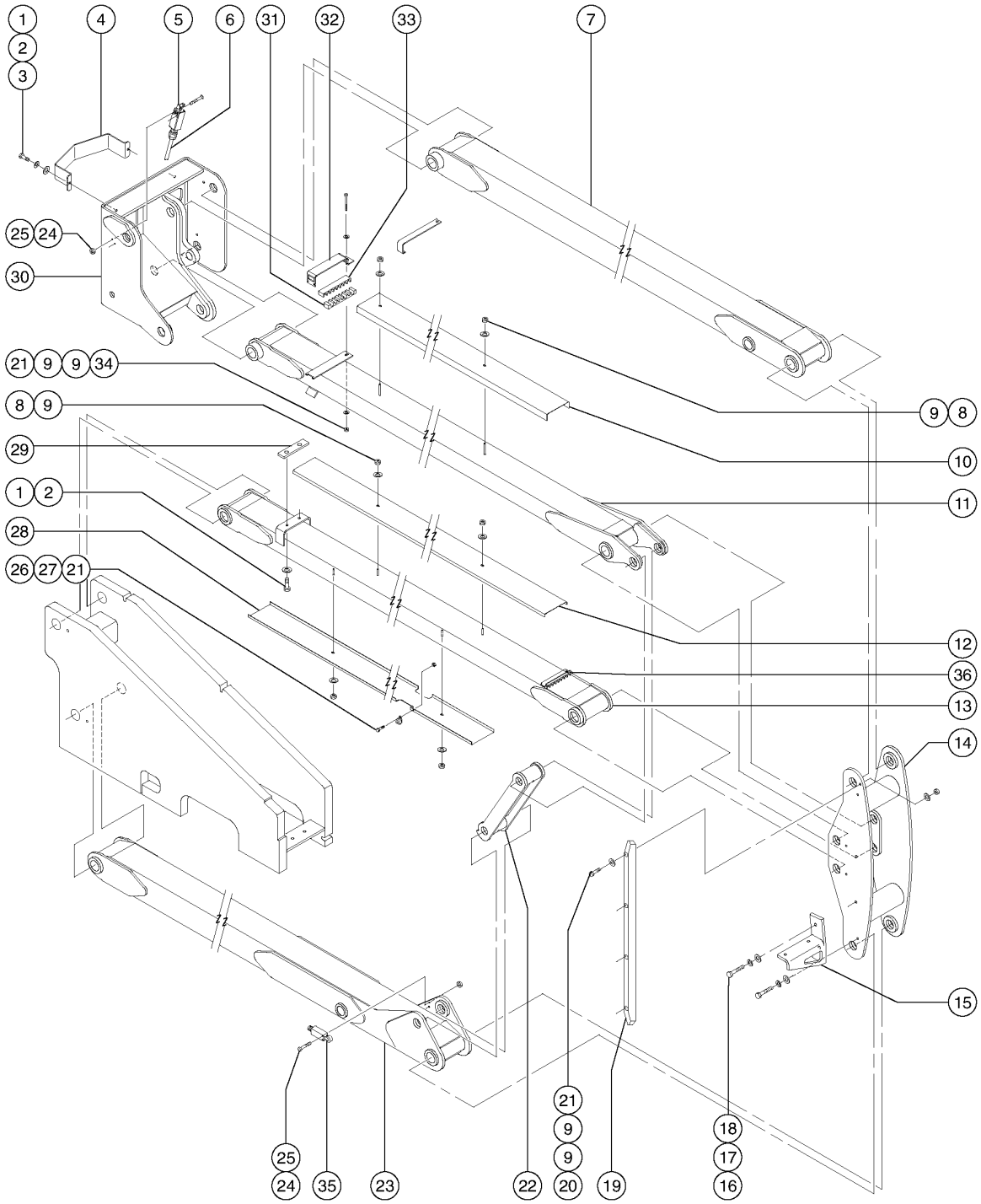
Item	Part No.	Description	Qty.
26	7339GT	SCREW,HHC,1/4-20 X .5	
27	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
28	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1
29	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	1
30	52728GT	UPPER PIVOT W/BEARING-Z45/25	
31	94530GT	CLAMPING BLOCK,CABLE to SN 22174	1
31-	94529GT	CLAMPING BLOCK,HOSE*** from SN 22175	2
31-	107896GT	CLAMP, ARCTIC HOSE	
32-	94531PGT	BRACKET,HOSE CLAMP PAINTED***	1
33	94529GT	CLAMPING BLOCK,HOSE*** to SN 22174	1
33-	94530GT	CLAMPING BLOCK,CABLE from SN 22175	1
34	8179GT	SCREW,HHC,1/4-20 X 2.25 to SN 22174	
34-	6888GT	SCREW, HHC, 1/4-20 X 1 from SN 22175	
35	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	1
35-	97128GT	ROLLER ARM,LIMIT SWITCH***	
35-	60428GT	CONN, PLUG 4WAY, 14-18GA	1
35-	60429GT	LOCK, PLUG 4WAY, 14-18GA	1
35-	60442GT	CONN,RECEP 4 WAY, 14-18GA	1
35-	60443GT	LOCK, RECEP 4WAY, 14-18GA	1
35-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	1
35-	73714GT	TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	1
35-	73725GT	BOOT,DTSCH,DTP4-BT	1
36	70685PGT	FORMING, HOSE CLAMP, PAINTED	1

502.2 Boom Linkage, Z-45/25J



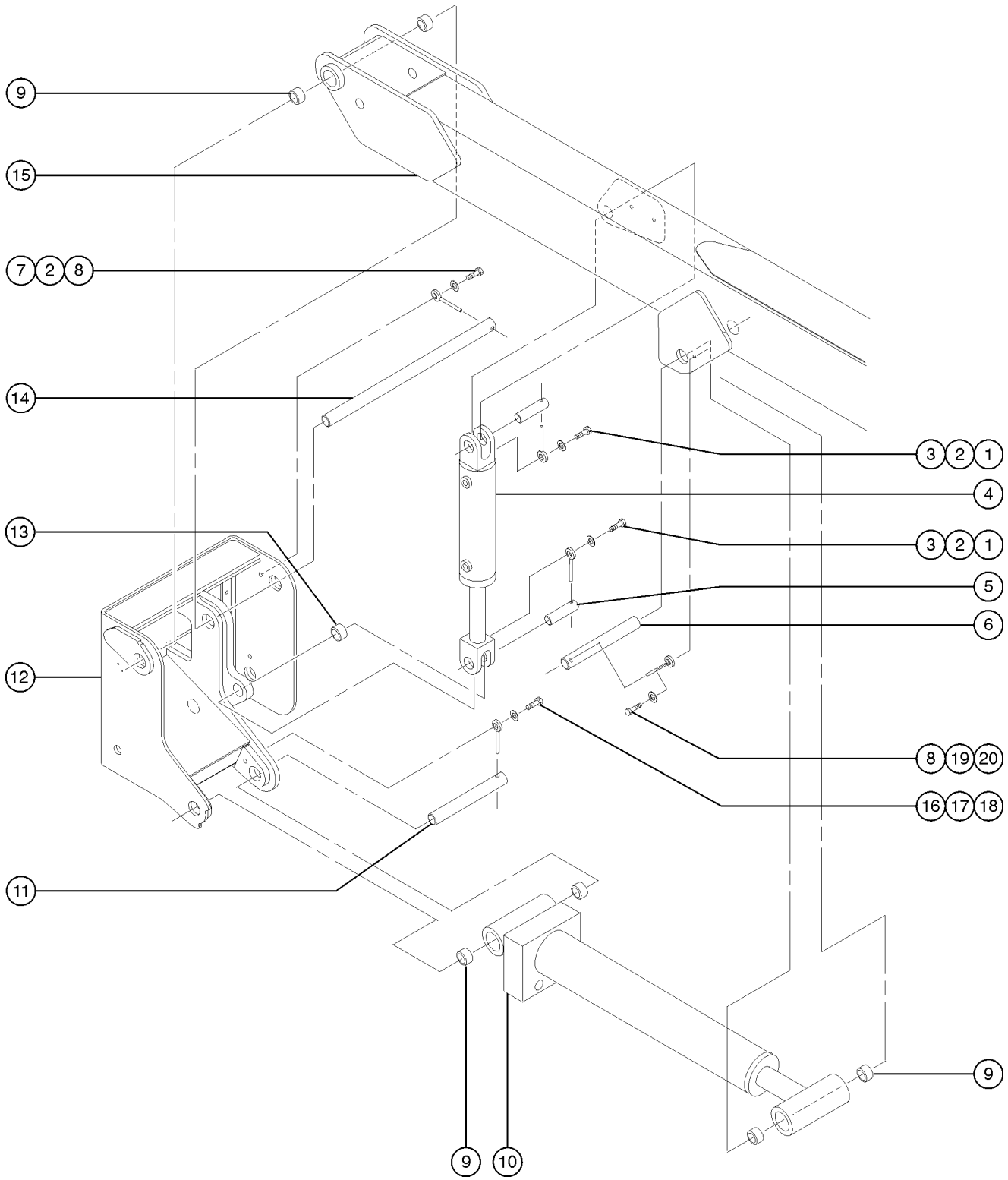
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	60074PGT	COVER BRACE,UPPER PIVOT,REAR,P	1
5	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
5	97128GT	ROLLER ARM,LIMIT SWITCH***	1
5	60442GT	CONN,RECEP 4 WAY, 14-18GA	1
5	60443GT	LOCK, RECEP 4WAY, 14-18GA	1
5	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	1
5	73725GT	BOOT,DTSCH,DTP4-BT	1
6	43960GT	WIRE CABLE,16/4 CON.TPE JKT	396
7	52729GT	UPPER SECONDARY ARM ASSY-Z45	1
8	7713GT	NUT, LP NYLOCK, 3/8-16	
9	6097GT	WASHER, FLAT, USS, 3/8", Y	
10	88370PGT	HOSE COVER,UPPER ARM,PAINTED	
11	52740GT	UPPER LEVEL ARM ASSY,SERV	1
12	50517-SGT	HOSE COVER,LOWER LEVEL,TOP,PAI	1
13	52741GT	LOWER LEVEL ARM ASSY	1
14	52738GT	MIDPIVOT ASSY Z45IC USA/Canada/Australian models	1
14	50266GT	WELDMENT,MID PIVOT,MACHINED CE/Asia/South American models	1
15	50952-SGT	BOOM REST WELDMENT	1
16	8177GT	SCREW,HHC,1/2-13 X 1.5	
17	6033GT	WASHER,LOCK,0.5"	
18	6095GT	WASHER,FLAT,USS,1/2",Y	
19	54168GT	WEAR PAD,MID PIVOT,PERIMETER	1
20	4266GT	SCREW,HHC,1/4-20 X 2	
21	6091GT	NUT,NYLOCK,1/4-20	
22	50479-SGT	CONNECTING LINK, Z45/25	1

502.2 Boom Linkage, Z-45/25J



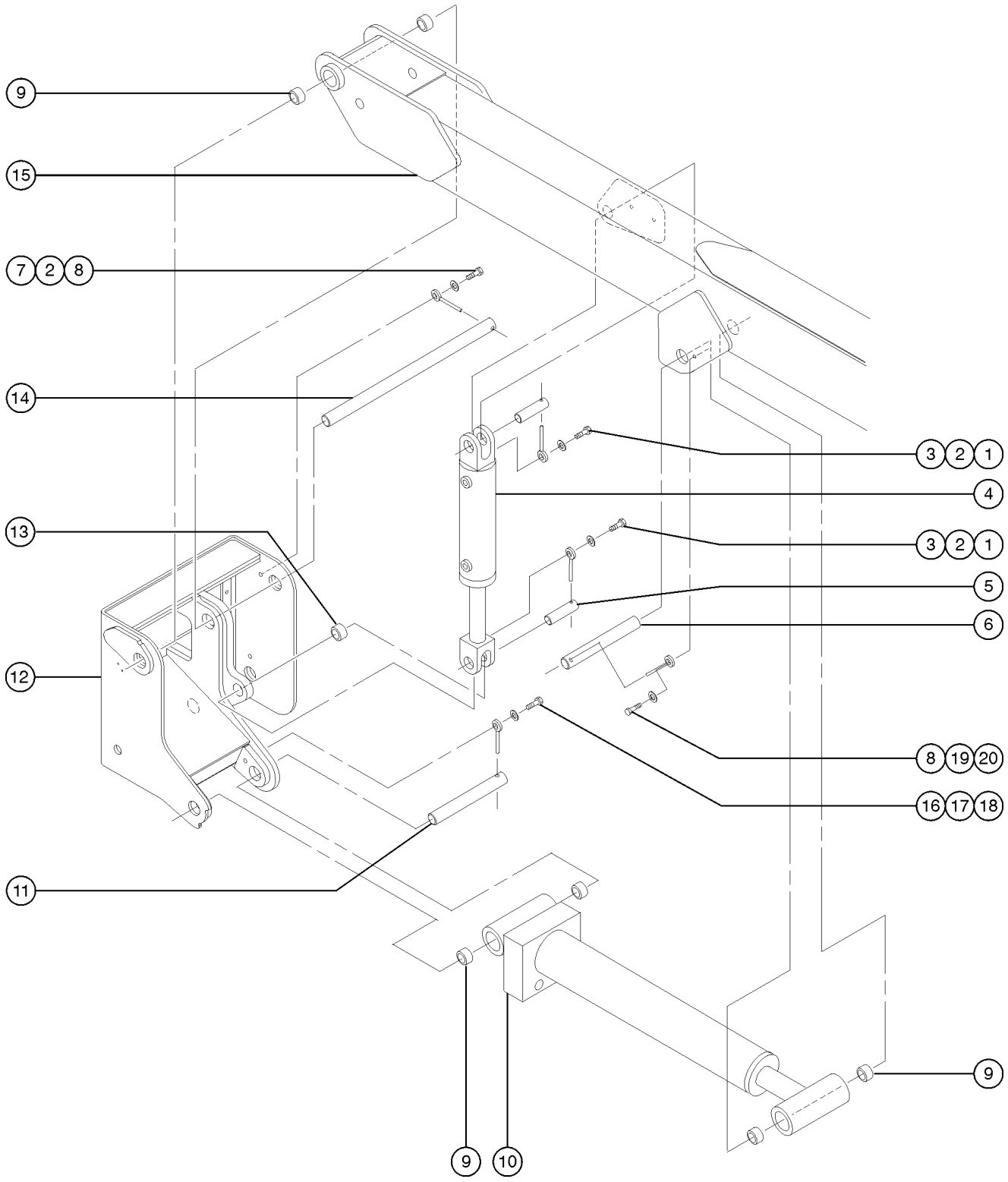
Item	Part No.	Description	Qty.
23	52742-SGT	LOWER SECONDARY ARM ASSY includes bearings	1
24	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
25	6178GT	NUT, NYLOCK, 10-32	
26	7339GT	SCREW,HHC,1/4-20 X .5	
27	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
28	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1
29	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	1
30	52728GT	UPPER PIVOT W/BEARING-Z45/25	
31	94530GT	CLAMPING BLOCK,CABLE to SN 22174	
31	94529GT	CLAMPING BLOCK,HOSE*** from SN 22175	2
31	107896GT	CLAMP, ARCTIC HOSE	
32	94531PGT	BRACKET,HOSE CLAMP PAINTED***	1
33	94529GT	CLAMPING BLOCK,HOSE*** to SN 22174	1
33	94530GT	CLAMPING BLOCK,CABLE from SN 22175	1
34	8179GT	SCREW,HHC,1/4-20 X 2.25 to SN 22174	
34	6888GT	SCREW, HHC, 1/4-20 X 1 from SN 22175	
35	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	1
35	97128GT	ROLLER ARM,LIMIT SWITCH***	
35	60428GT	CONN, PLUG 4WAY, 14-18GA	1
35	60429GT	LOCK, PLUG 4WAY, 14-18GA	1
35	60442GT	CONN,RECEP 4 WAY, 14-18GA	1
35	60443GT	LOCK, RECEP 4WAY, 14-18GA	1
35	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	1
35	73714GT	TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	1
35	73725GT	BOOT,DTSCH,DTP4-BT	1
36	70685PGT	FORMING, HOSE CLAMP, PAINTED	1

503.1 Upper Pivot Components, Z-45/25



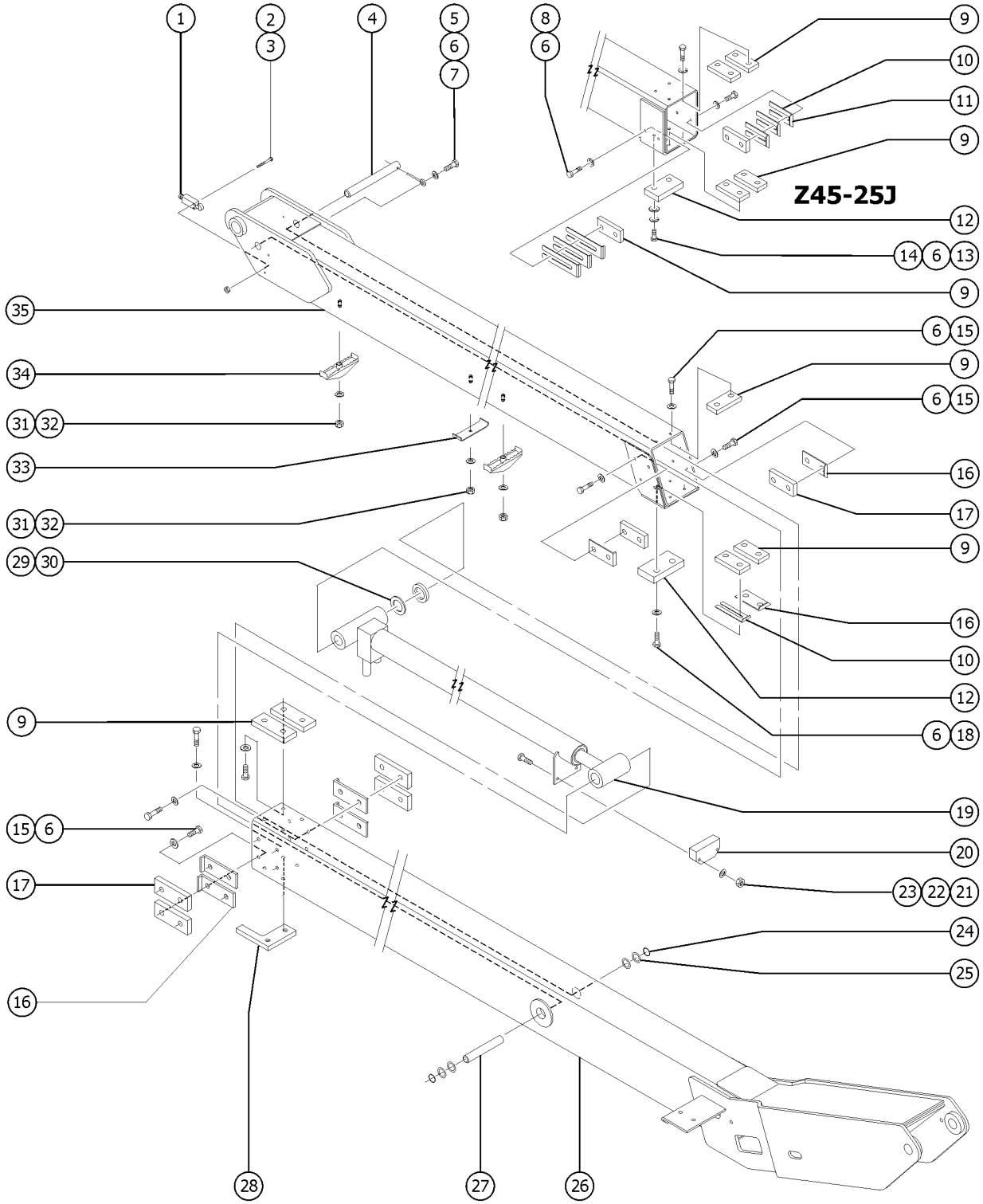
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	1255452GT	ROD END,.375 X 2.25,ZAG	
4	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
4-	77364GT	SEAL KIT, LEVELING CYLINDER	1
5	34276GT	PIN,1.25DIAX3.37LG,1HOLE	2
6	50542GT	PIN,1.75DIAX9.25LG,1HOLE	1
7	6175GT	SCREW,HHC,3/8-16 X 1	
8	825019GT	ROD END, .375X3.69, ZAG	
9	1262633GT	BUSHING,POLYGON,BM5120	6
10A	1263056GT	CYLINDER,PRIM LIFT NON JIB,Z45 includes item 18 (from SN 19887 to SN 40637 and from SN 42132)	1
10A-	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)	
10A-	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)	
10C	50480GT	VALVE,COUNTERBALANCE,3800 PSI* for 147260 (from SN 40638 to SN 42131) (identify part number on cylinder before ordering)	
10D	147284GT	SEAL KIT,147260*** for 147260 (from SN 40638 to SN 42131) (identify part number on cylinder before ordering)	
11	54738GT	PIN,1.75DIAX12.25LG,CHAMFER	1
11-	70534GT	PIN,1.75DIAX11.88LG,CHAMFER	
12	52728GT	UPPER PIVOT W/BEARING-Z45/25 includes 1 of item 13	1
13	30370GT	BEARING,1.25IDX1.5ODX1.00L	1
14	54331GT	PIN,1.75DIAX23.57LG,CHAMFER***	1
15		Ref. Primary Boom Tube Assembly (refer to 504.1)	1
16	1256267GT	ROD END,.5 X 3.75,ZAG	
17	8177GT	SCREW,HHC,1/2-13 X 1.5	
18	6033GT	WASHER,LOCK,0.5"	
19	8516GT	SCREW, HCC, 3/8-16 X 1.50	
20	4828GT	NUT, NYLOCK, 3/8-16	

503.2 Upper Pivot Components, Z-45/25J



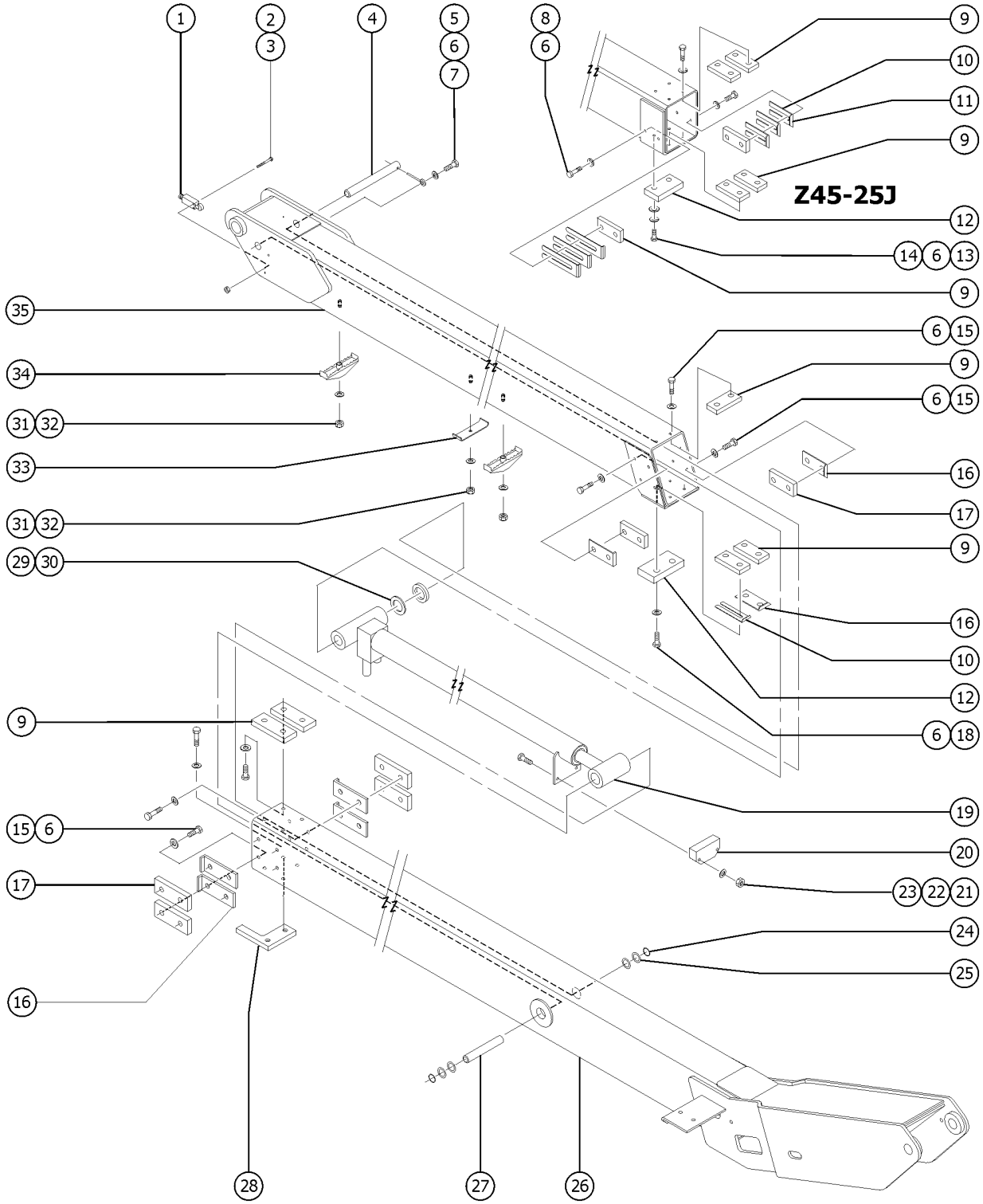
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	1255452GT	ROD END,.375 X 2.25,ZAG	
4	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
4-	77364GT	SEAL KIT, LEVELING CYLINDER	1
5	34276GT	PIN,1.25DIAX3.37LG,1HOLE	2
6	50542GT	PIN,1.75DIAX9.25LG,1HOLE	1
7	6175GT	SCREW,HHC,3/8-16 X 1	
8	825019GT	ROD END, .375X3.69, ZAG	
9	1262633GT	BUSHING,POLYGON,BM5120	6
10B	1263057GT	CYLINDER,PRIM LIFT JIB,Z45 includes item 9 (used in production from SN 19887 to SN 40637 and from SN 42132)	1
10B-	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)	1
10B-	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)	1
10C	50480GT	VALVE,COUNTERBALANCE,3800 PSI* for 147260 (from SN 40638 to SN 42131) (identify part number on cylinder before ordering)	
10D	147284GT	SEAL KIT,147260*** for 147260 (from SN 40638 to SN 42131) (identify part number on cylinder before ordering)	
11	54738GT	PIN,1.75DIAX12.25LG,CHAMFER	1
11-	70534GT	PIN,1.75DIAX11.88LG,CHAMFER	
12	52728GT	UPPER PIVOT W/BEARING-Z45/25 includes 1 of item 13	1
13	30370GT	BEARING,1.25IDX1.5ODX1.00L	1
14	54331GT	PIN,1.75DIAX23.57LG,CHAMFER***	1
15		Ref. Primary Boom Tube Assembly (refer to 504.1)	1
16	1256267GT	ROD END,.5 X 3.75,ZAG	
17	8177GT	SCREW,HHC,1/2-13 X 1.5	
18	6033GT	WASHER,LOCK,0.5"	
19	8516GT	SCREW, HCC, 3/8-16 X 1.50	
20	4828GT	NUT, NYLOCK, 3/8-16	

504.1 Primary and Extension Booms, Z-45/25



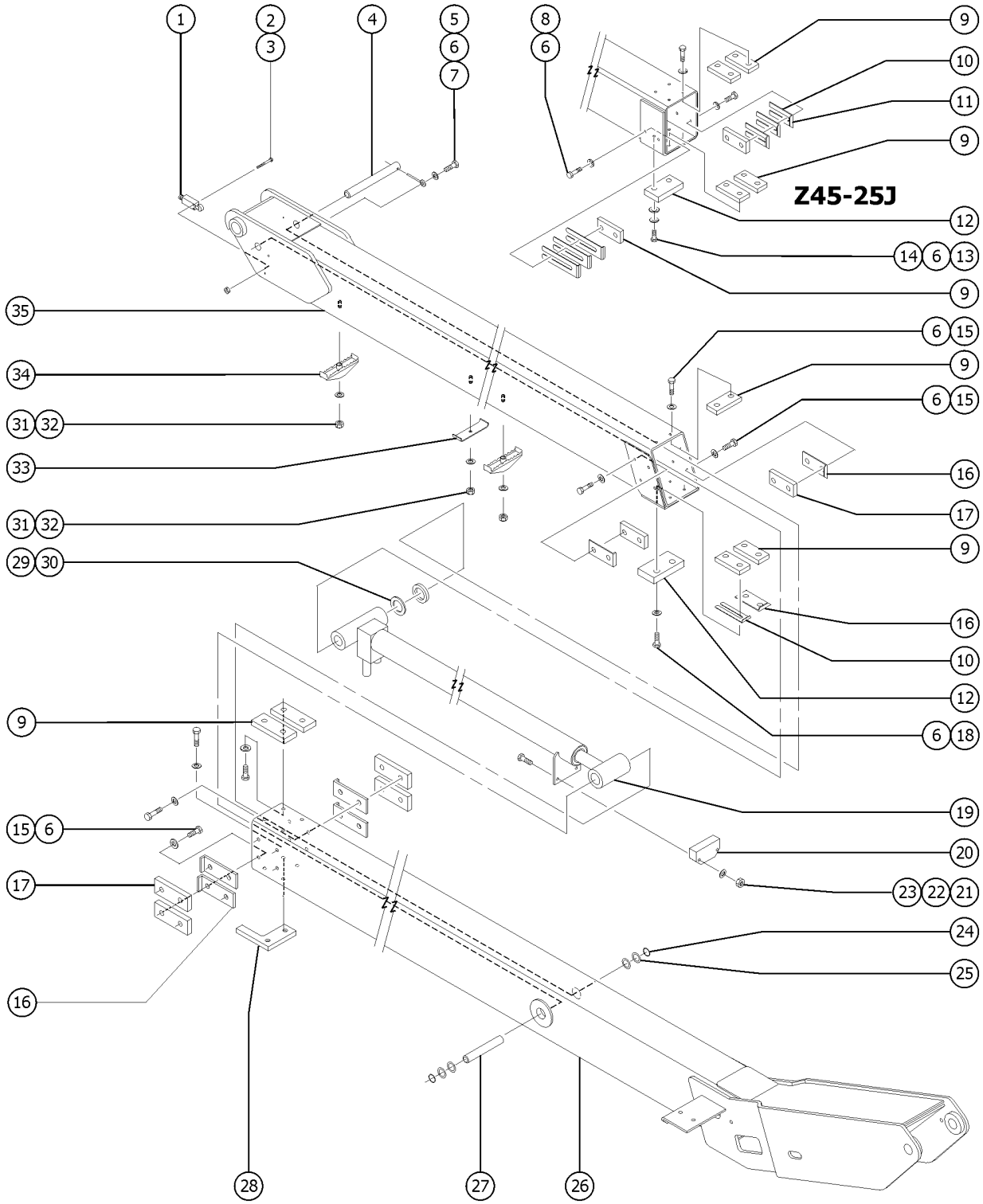
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1A	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC to SN 23764	1
1A-	19491GT	CONTACTOR,LIMIT SWITCH	
1A-	97128GT	ROLLER ARM,LIMIT SWITCH***	
1B	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC from SN 23765	1
1B-	19491GT	CONTACTOR,LIMIT SWITCH	
1B-	97128GT	ROLLER ARM,LIMIT SWITCH***	1
2	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
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	6021GT	WASHER, LOCK, .375	
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 jib models	8
9B	54131GT	WEAR PAD,PRIMARY BOOM,TOP 6.25X1.5X1.13 non jib models	7
10	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	9
11	42502GT	SHIM,SIDE PAD 22GA.	
12	54157GT	WEAR PAD,PRIMARY BOOM,JIB 5.5X3X1 Z-45/25J	1
13	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8 (Z-45/25)	
14	5397GT	WASHER, FLAT, USS, 5/16-18	
15	8255GT	SCREW,HHC,3/8-16 X .75	
16	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
17	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
18A	8516GT	SCREW, HCC, 3/8-16 X 1.50	
18B	54570GT	CYLINDER,EXTEND,Z45 NON JIB	
19A	54570GT	CYLINDER,EXTEND,Z45 NON JIB	1

504.1 Primary and Extension Booms, Z-45/25



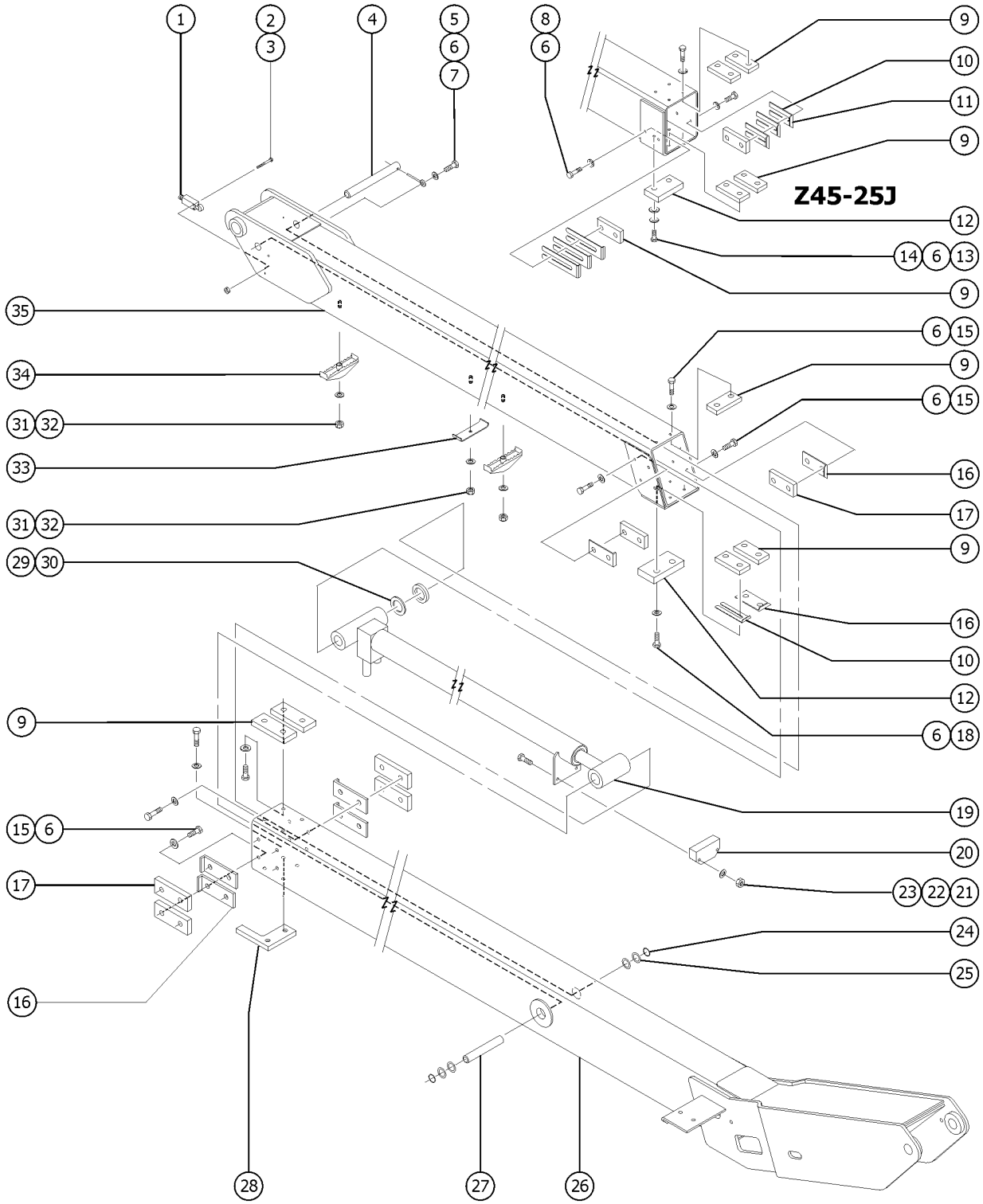
Item	Part No.	Description	Qty.
19A-	65788GT	SEAL KIT CYL Z45 (54570)	1
19A-	54063GT	VALVE,CB.CBBC-LHN@1000***	1
19A-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	1
20	50698GT	WEAR PAD,EXTENSION CYLINDER	1
21	6091GT	NUT,NYLOCK,1/4-20	
22	6638GT	WASHER, FLAT, USS, 1/4"Y	
23	6637GT	SCREW,HHC,1/4-20 X 1.75	
24	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
25	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
26	50315GT	EXTENSION BOOM WELDMNT,NON-JIB	1
27	50546GT	PIN,1.25DIAX6.36LG,2RING	1
28	50552GT	WEAR PAD,EXTENSION BOOM	1
29	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1
30	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
31	4828GT	NUT, NYLOCK, 3/8-16	
32	6097GT	WASHER, FLAT, USS, 3/8", Y	
33	54530GT	CLAMP,HOSE,ALUMINUM	1
34	77106GT	CLAMP,CABLE & HOSE,PLASTIC	2
35	65633GT	PRIMARY BOOM ASSY,STD,Z45/25**	1

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



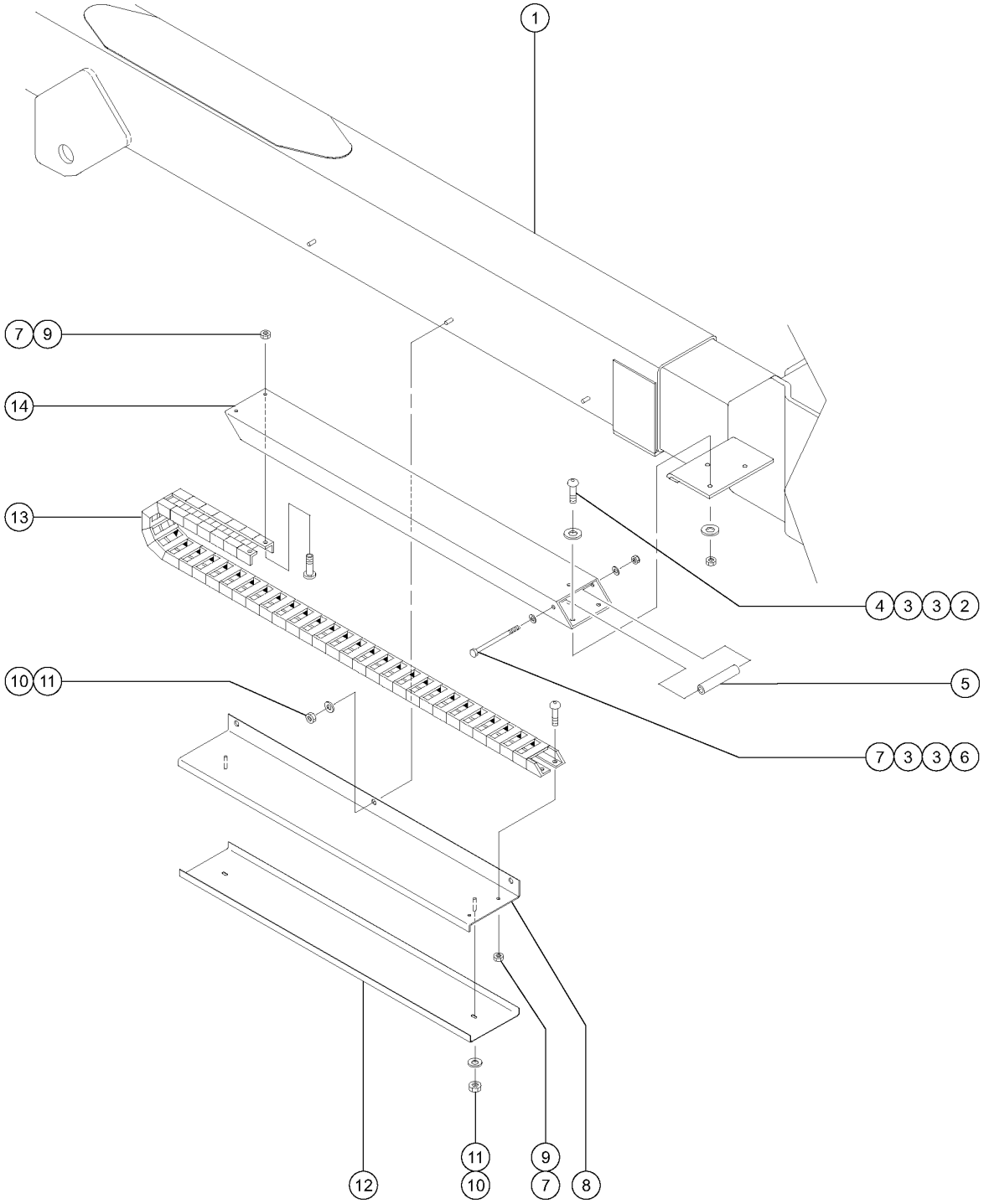
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1A	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC to SN 23764	1
1A-	19491GT	CONTACTOR,LIMIT SWITCH	
1A-	97128GT	ROLLER ARM,LIMIT SWITCH***	
1B	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC from SN 23765	1
1B-	19491GT	CONTACTOR,LIMIT SWITCH	
1B-	97128GT	ROLLER ARM,LIMIT SWITCH***	1
2	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
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	6021GT	WASHER, LOCK, .375	
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 jib models	8
9B	54131GT	WEAR PAD,PRIMARY BOOM,TOP 6.25X1.5X1.13 non jib models	7
10	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	9
11	42502GT	SHIM,SIDE PAD 22GA.	
12	54157GT	WEAR PAD,PRIMARY BOOM,JIB 5.5X3X1 Z-45/25J	1
13	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8 (Z-45/25)	
14	5397GT	WASHER, FLAT, USS, 5/16-18	
15	8255GT	SCREW,HHC,3/8-16 X .75	
16	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
17	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
18A	8516GT	SCREW, HCC, 3/8-16 X 1.50	
18B	54570GT	CYLINDER,EXTEND,Z45 NON JIB	
19A	54570GT	CYLINDER,EXTEND,Z45 NON JIB	1

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



Item	Part No.	Description	Qty.
19A-	65788GT	SEAL KIT CYL Z45 (54570)	1
19A-	54063GT	VALVE,CB.CBBC-LHN@1000***	1
19A-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	1
20	50698GT	WEAR PAD,EXTENSION CYLINDER	1
21	6091GT	NUT,NYLOCK,1/4-20	
22	6638GT	WASHER, FLAT, USS, 1/4"Y	
23	6637GT	SCREW,HHC,1/4-20 X 1.75	
24	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
25	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
26	50304GT	EXTENSION BOOM WELDMNT,JIB,Z45	1
27	50546GT	PIN,1.25DIAX6.36LG,2RING	1
28	50552GT	WEAR PAD,EXTENSION BOOM	1
29	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1
30	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
31	4828GT	NUT, NYLOCK, 3/8-16	
32	6097GT	WASHER, FLAT, USS, 3/8", Y	
33	54530GT	CLAMP,HOSE,ALUMINUM	1
34	77106GT	CLAMP,CABLE & HOSE,PLASTIC	2
35	65633GT	PRIMARY BOOM ASSY,STD,Z45/25**	1

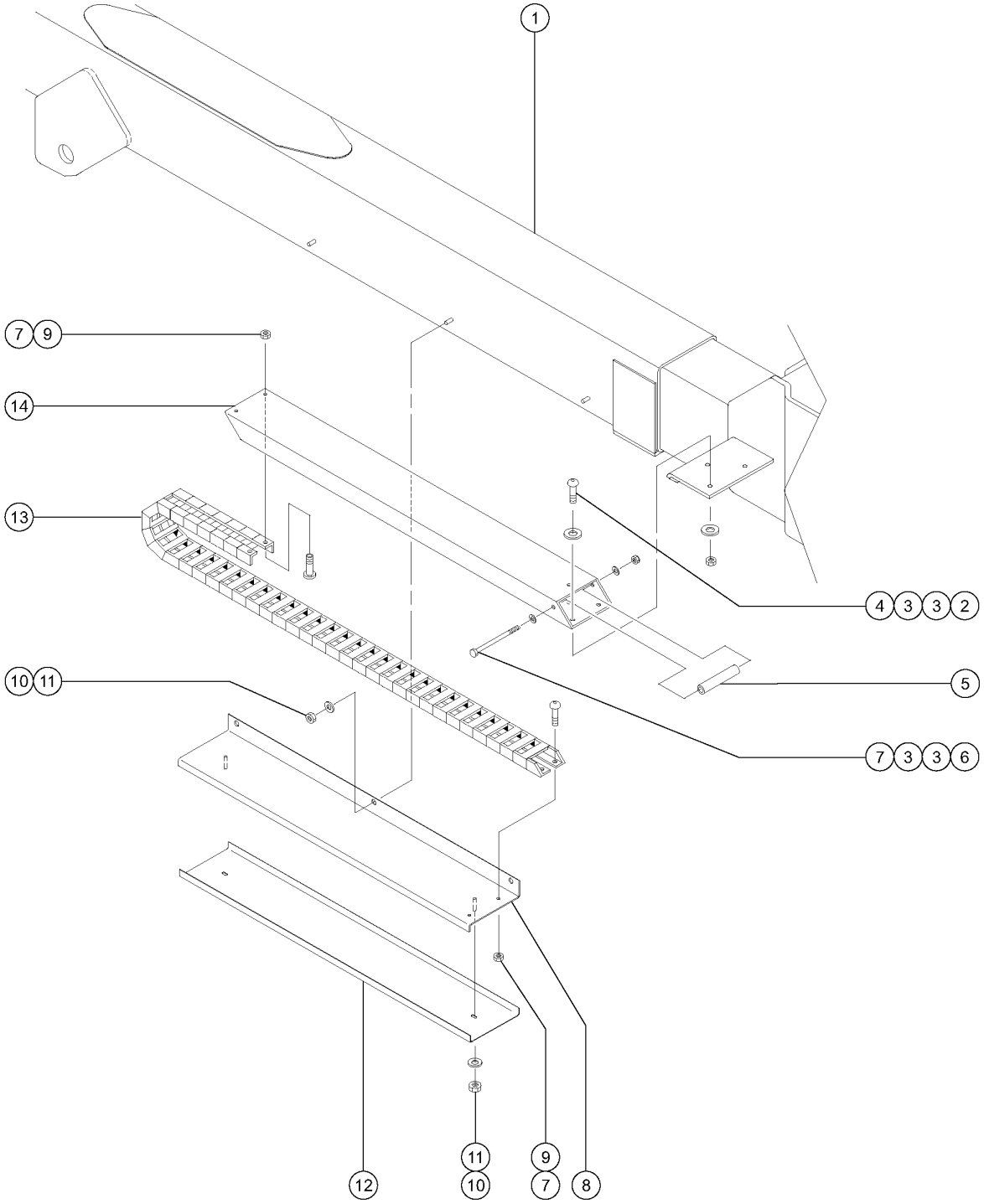
505.1 Cable Track (from SN 21179 to 24285)



505.1 Cable Track (from SN 21179 to 24285)

Item	Part No.	Description	Qty.
1		Ref. Primary Boom Tube Assembly (refer to Figure 504.1) to SN 24285	
2	54830GT	SCREW,BHSC,1/4-20 X .88,Y/ZINC to SN 24285	
3	6638GT	WASHER, FLAT, USS, 1/4"Y to SN 24285	
4	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20 to SN 24285	
5	48751-463GT	HOSE,1/4" HIGH PRESSURE,4.63LG to SN 24285	1
6	77036GT	SCREW,HHC,1/4-20 X 5.50,G5,CLZ to SN 24285	
7	6091GT	NUT,NYLOCK,1/4-20 to SN 24285	
8	54981GT	WELDMENT,CABLE TRACK TRAY,NJIB to SN 24285	1
9	12011GT	SCREW,BHHS,1/4-20 X .5,Y/ZINC to SN 24285	
10	7713GT	NUT, LP NYLOCK, 3/8-16 to SN 24285	
11	5397GT	WASHER, FLAT, USS, 5/16-18 to SN 24285	
12	54985PGT	CHANNEL,CABLE TRACK COV,NONJ,P to SN 24285	1
13	50452GT	CABLE TRACK,PLASTIC,35 LINK to SN 24285; (Z-45/25)	1
13-	58919GT	REPAIR LINK,7 LINKS*** to SN 24285	1
13-	58927GT	LINK,NYLATRAC KS6-5.4*** to SN 24285	1
13-	58920GT	REPAIR LINK END SET (42763)* to SN 24285	1
14A	54460GT	TUBE,CABLE TRACK ARM NON-JIB to SN 24285	1

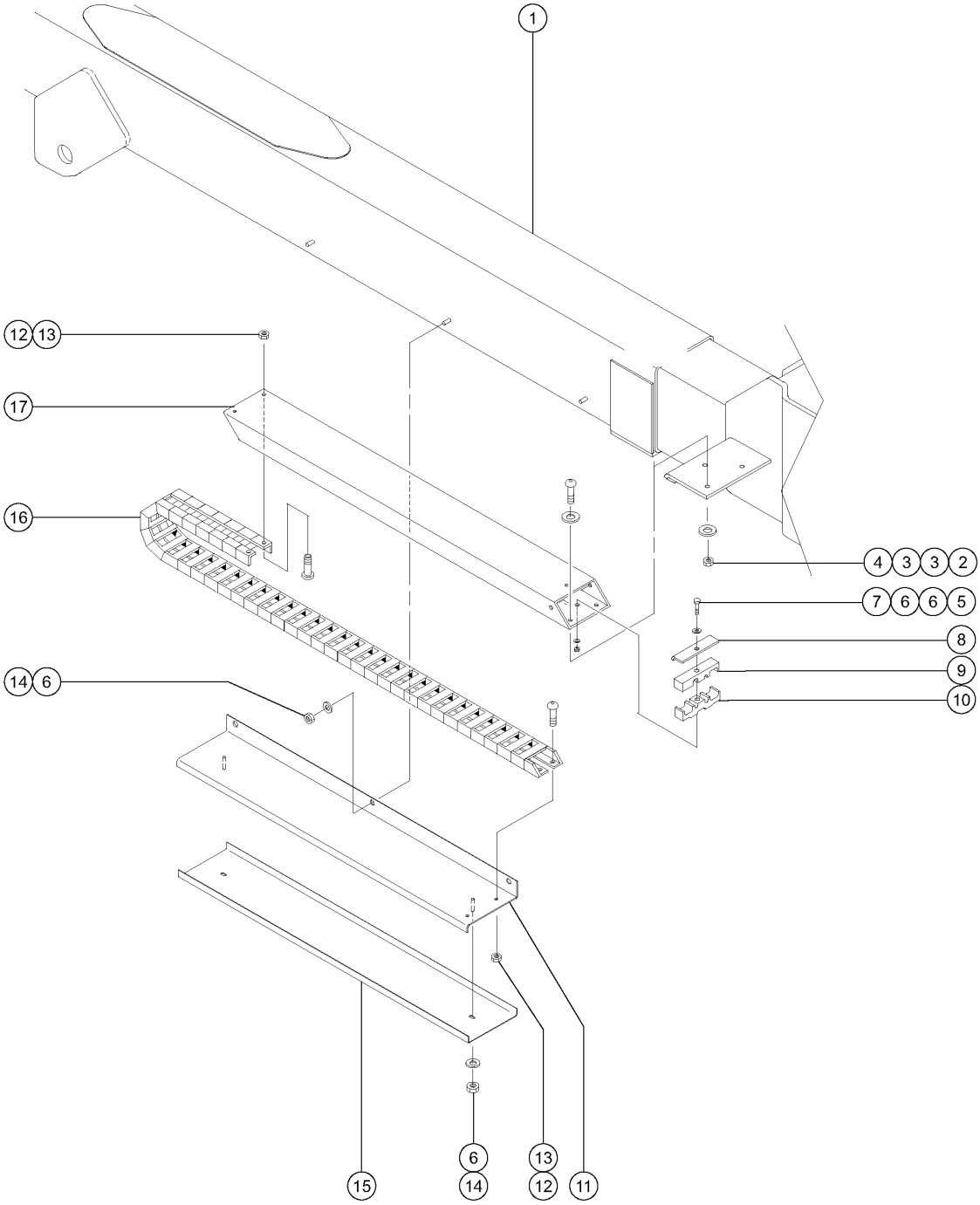
505.2 Cable Track (from SN 21179 to 24285), Z-45/25J



505.2 Cable Track (from SN 21179 to 24285), Z-45/25J

Item	Part No.	Description	Qty.
1		Ref. Primary Boom Tube Assembly (refer to Figure 504.1) to SN 24285	
2	54830GT	SCREW,BHSC,1/4-20 X .88,Y/ZINC to SN 24285	
3	6638GT	WASHER, FLAT, USS, 1/4"Y to SN 24285	
4	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20 to SN 24285	
5	48751-463GT	HOSE,1/4" HIGH PRESSURE,4.63LG to SN 24285	1
6	77036GT	SCREW,HHC,1/4-20 X 5.50,G5,CLZ to SN 24285	
7	6091GT	NUT,NYLOCK,1/4-20 to SN 24285	
8	54983GT	WLDMNT,CABLE TRACK TRAY,JIB to SN 24285	1
9	12011GT	SCREW,BHHS,1/4-20 X .5,Y/ZINC to SN 24285	
10	7713GT	NUT, LP NYLOCK, 3/8-16 to SN 24285	
11	5397GT	WASHER, FLAT, USS, 5/16-18 to SN 24285	
12	54984PGT	CHANNEL,CABLE TRK COVER,JIB,PA to SN 24285	1
13	50451GT	CABLE TRACK,PLASTIC,26 LINK* to SN 24285; (Z-45/25J)	1
13-	58919GT	REPAIR LINK,7 LINKS*** to SN 24285	1
13-	58927GT	LINK,NYLATRAC KS6-5.4*** to SN 24285	1
13-	58920GT	REPAIR LINK END SET (42763)* to SN 24285	1
14B	54461GT	TUBE,CABLE TRACK ARM,JIB to SN 24285	1

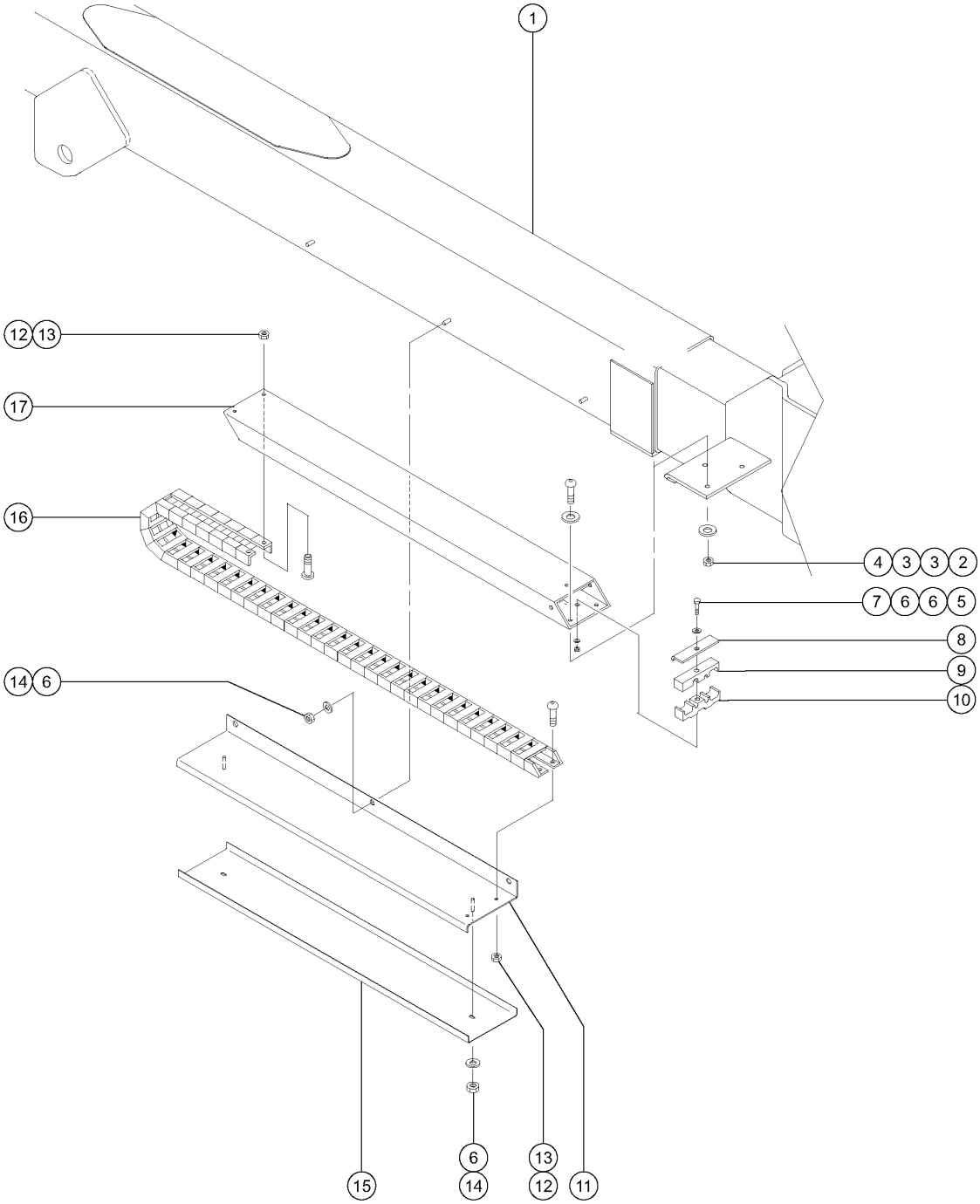
505.3 Cable Track (from SN 24286), Z-45/25



505.3 Cable Track (from SN 24286), Z-45/25

Item	Part No.	Description	Qty.
1		Ref. Primary Boom Tube Assembly (refer to Figure 504.1) ..... from SN 24286	
2	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20 ..... from SN 24286	
3	6638GT	WASHER, FLAT, USS, 1/4"Y ..... from SN 24286	
4	54830GT	SCREW,BHSC,1/4-20 X .88,Y/ZINC ..... from SN 24286	
5	6326GT	SCREW,HHC,3/8-16 X 3 ..... from SN 24286	
6	5397GT	WASHER, FLAT, USS, 5/16-18 ..... from SN 24286	
7	4828GT	NUT, NYLOCK, 3/8-16 ..... from SN 24286	
8	106804PGT	BACKING, HOSE CLAMP PTD ..... from SN 24286	2
9	106585GT	CLAMP,HOSE Z-45 PRIMARY ..... from SN 24286	2
10	106581GT	CLAMP,JIB HOSE Z45 ..... from SN 24286	2
10-	107901GT	CLAMP, ARCTIC HOSE ..... from SN 24286	
11	54981GT	WELDMENT,CABLE TRACK TRAY,NJIB ..... from SN 24286	1
12	6091GT	NUT,NYLOCK,1/4-20 ..... from SN 24286	
13	12011GT	SCREW,BHHS,1/4-20 X .5,Y/ZINC ..... from SN 24286	
14	7713GT	NUT, LP NYLOCK, 3/8-16 ..... from SN 24286	
15A	54985PGT	CHANNEL,CABLE TRACK COV,NONJ,P ..... from SN 24286	1
16	50452GT	CABLE TRACK,PLASTIC,35 LINK ..... from SN 24286; (Z-45/25)	1
16-	58919GT	REPAIR LINK,7 LINKS*** ..... from SN 24286	1
16-	58927GT	LINK,NYLATRAC KS6-5.4*** ..... from SN 24286	1
16-	58920GT	REPAIR LINK END SET (42763)* ..... from SN 24286	1
17	54460GT	TUBE,CABLE TRACK ARM NON-JIB ..... from SN 24286	1

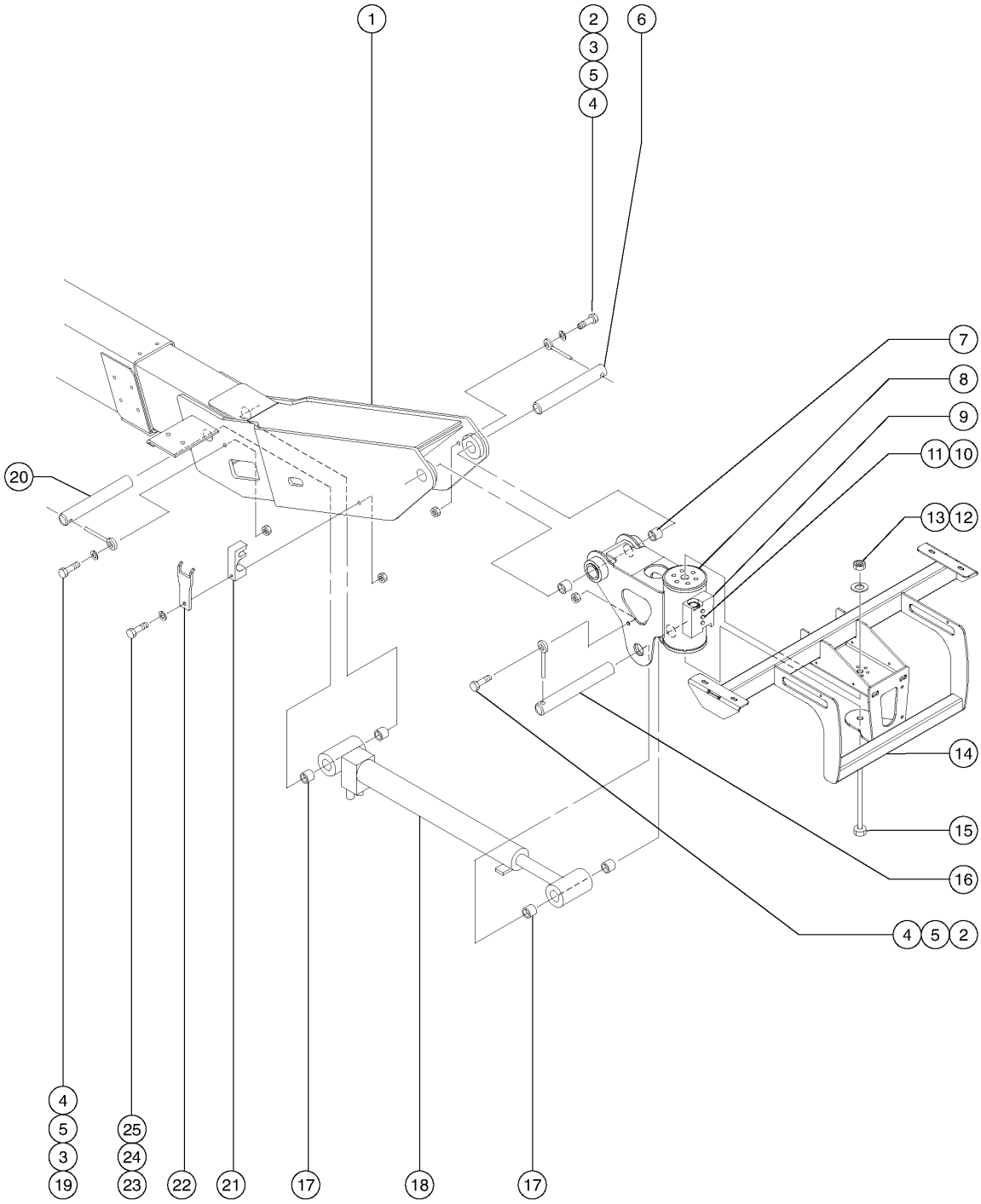
505.4 Cable Track (from SN 24286), Z-45/25J



505.4 Cable Track (from SN 24286), Z-45/25J

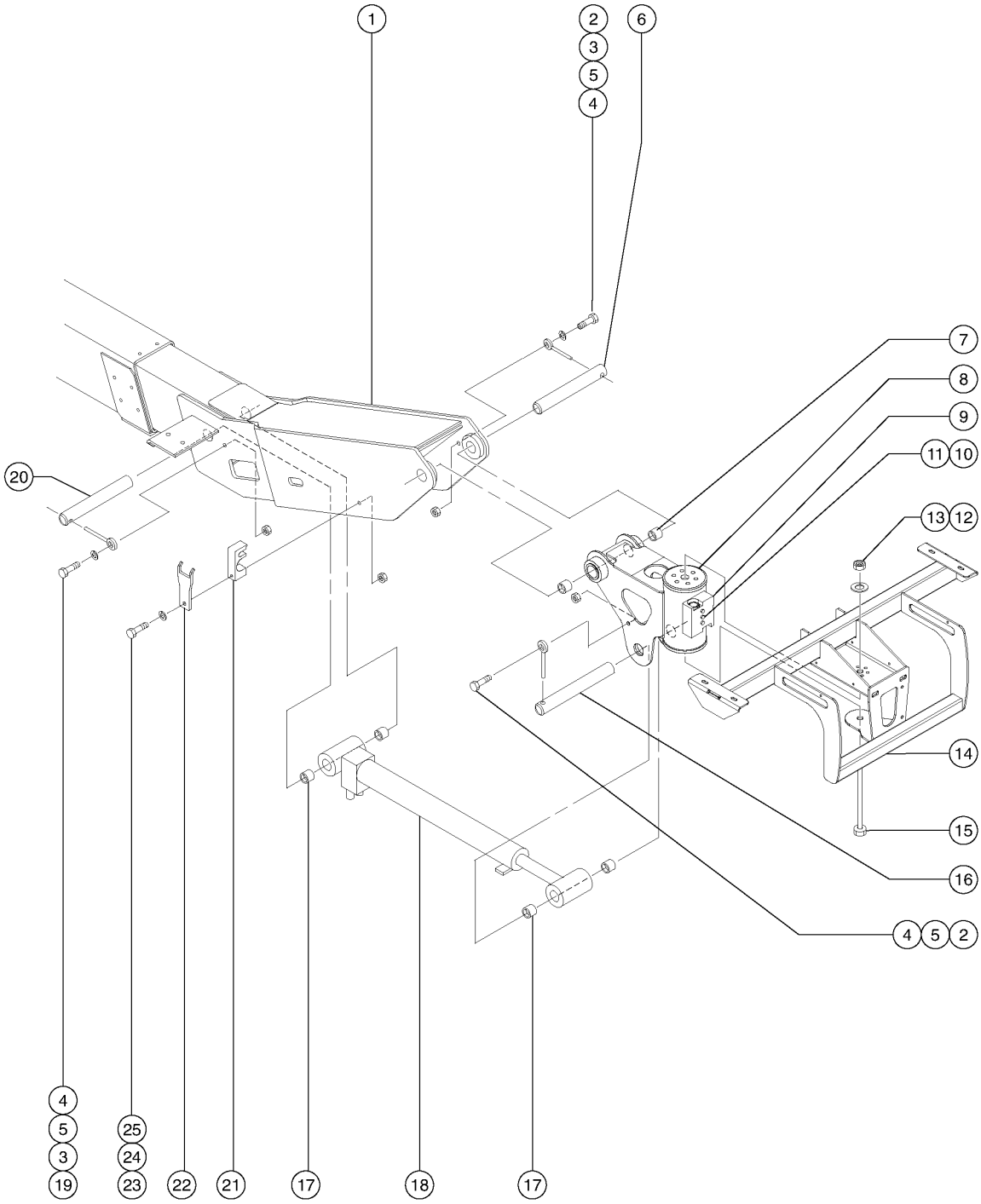
Item	Part No.	Description	Qty.
1		Ref. Primary Boom Tube Assembly (refer to Figure 504.1) ..... from SN 24286	
2	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20 ..... from SN 24286	
3	6638GT	WASHER, FLAT, USS, 1/4"Y ..... from SN 24286	
4	54830GT	SCREW,BHSC,1/4-20 X .88,Y/ZINC ..... from SN 24286	
5	6326GT	SCREW,HHC,3/8-16 X 3 ..... from SN 24286	
6	5397GT	WASHER, FLAT, USS, 5/16-18 ..... from SN 24286	
7	4828GT	NUT, NYLOCK, 3/8-16 ..... from SN 24286	
8	106804PGT	BACKING, HOSE CLAMP PTD ..... from SN 24286	2
9	106585GT	CLAMP,HOSE Z-45 PRIMARY ..... from SN 24286	2
10	106581GT	CLAMP,JIB HOSE Z45 ..... from SN 24286	2
10-	107901GT	CLAMP, ARCTIC HOSE ..... from SN 24286	
11	54983GT	WLDMNT,CABLE TRACK TRAY,JIB ..... from SN 24286	1
12	6091GT	NUT,NYLOCK,1/4-20 ..... from SN 24286	
13	12011GT	SCREW,BHHS,1/4-20 X .5,Y/ZINC ..... from SN 24286	
14	7713GT	NUT, LP NYLOCK, 3/8-16 ..... from SN 24286	
15B	54984PGT	CHANNEL,CABLE TRK COVER,JIB,PA ..... from SN 24286	1
16	50451GT	CABLE TRACK,PLASTIC,26 LINK* ..... from SN 24286; (Z-45/25J)	1
16-	58919GT	REPAIR LINK,7 LINKS*** ..... from SN 24286	1
16-	58927GT	LINK,NYLATRAC KS6-5.4*** ..... from SN 24286	1
16-	58920GT	REPAIR LINK END SET (42763)* ..... from SN 24286	1
17	54461GT	TUBE,CABLE TRACK ARM,JIB ..... from SN 24286	1

506.1 Non-Jib Platform Leveling and Rotation



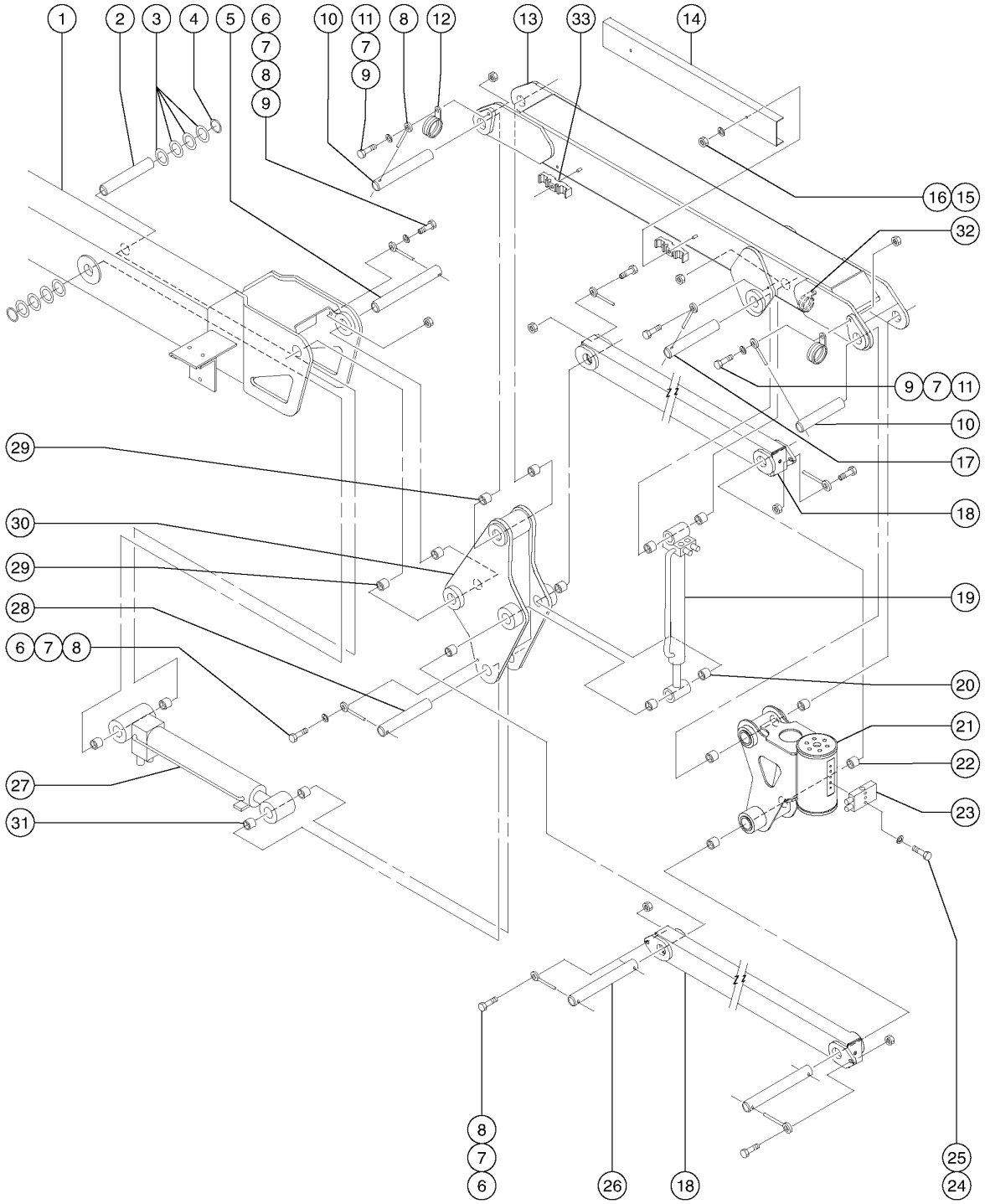
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1		Ref. Primary Extension Boom (refer to Figure 504.1)	
2	8516GT	SCREW, HCC, 3/8-16 X 1.50	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	7713GT	NUT, LP NYLOCK, 3/8-16	
5	825019GT	ROD END, .375X3.69, ZAG	
6	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
7	30219GT	BEARING,FL,1.25ID X 1.41OD X 1	2
8A	233716GT	ROTATOR,PLAT,Z45 includes item 7; non-jib units	1
8A-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for rotator 233716	
8A-	62509GT	SEAL KIT,ROTATOR*** for rotator 94402 (no longer available)	
8A-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* for rotator 94402 (no longer available)	
8B	13852GT	VALVE ASSY,BLEED***	
8B	83042GT	BEARING KIT,ROTATOR,4.5K***	
8B	77892GT	SEAL KIT,ARCTIC,ROTATOR 4.5K** Arctic Option	
9		Ref. Counterbalance Manifold (refer to 704.1)	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** non-jib models	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	1
18-	54065GT	VALVE,COUNTERBALANCE,3500***	1

506.1 Non-Jib Platform Leveling and Rotation



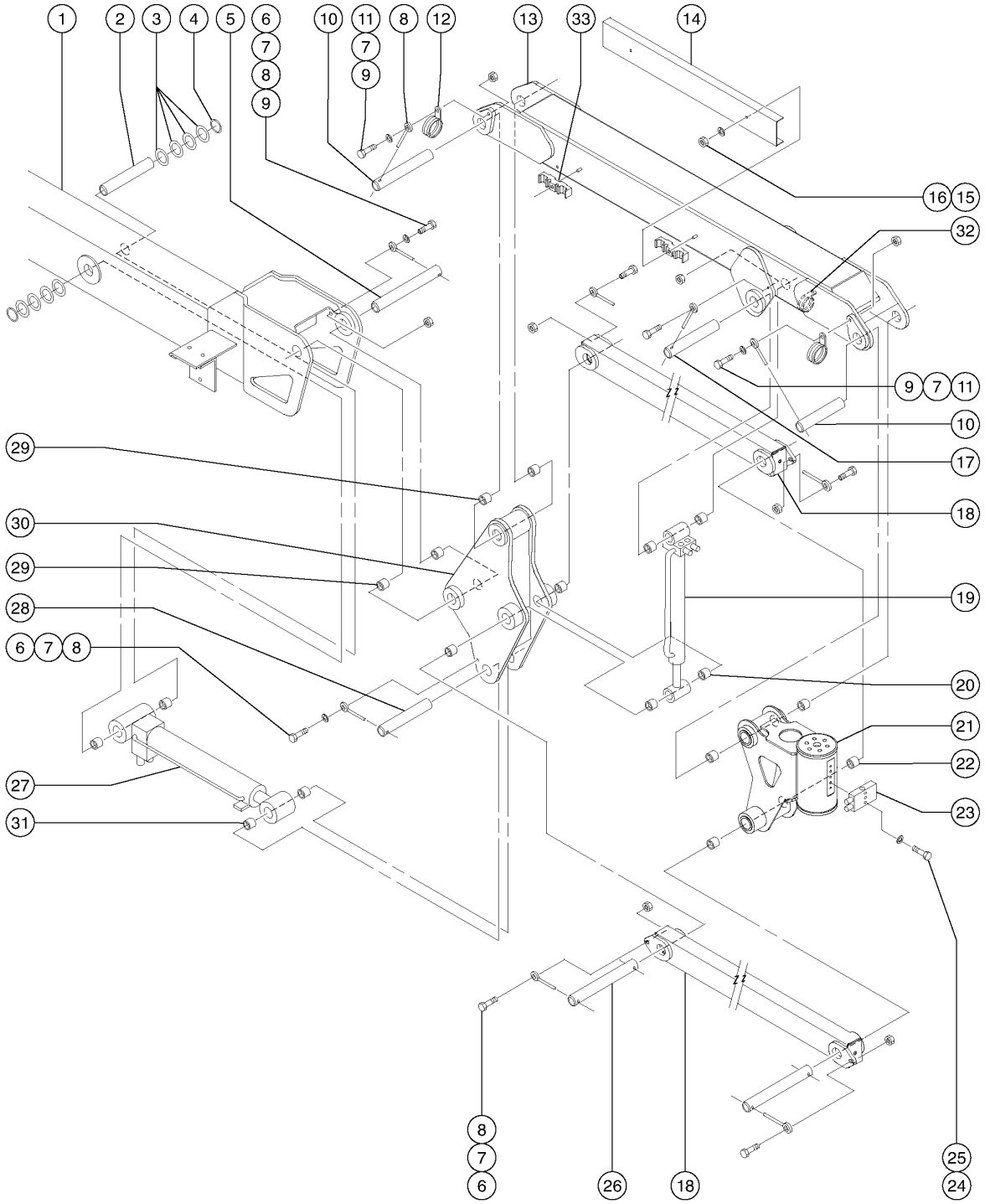
Item	Part No.	Description	Qty.
19	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
20	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1
21	106526GT	CLAMP,HOSE ROUTE,2X#4,LOOM	1
22	107595GT	BRACKET,HOSE CLAMP SUPPORT	1
23	36294GT	SCREW,HHC,1/4-20 X 2.75	
24	6638GT	WASHER, FLAT, USS, 1/4"Y	
25	6091GT	NUT,NYLOCK,1/4-20	

507.1 Jib Platform Leveling



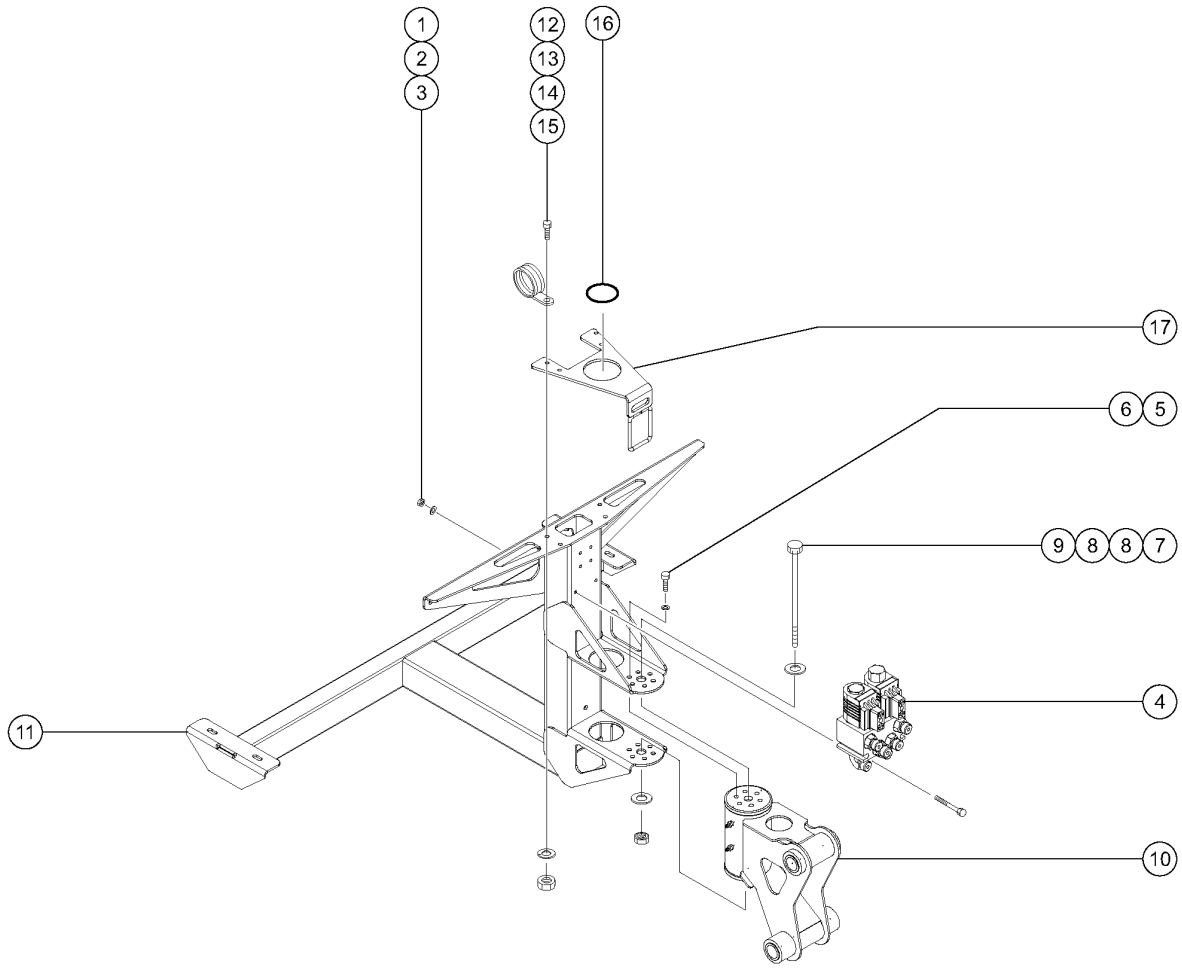
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1		Ref. Primary and Extension Booms (refer to Figure 504.1)	
2	50546GT	PIN,1.25DIAX6.36LG,2RING	1
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
4	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
5	50543GT	PIN,1.25DIAX8.88LG,1HOLE	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
14A	54527-SGT	CABLE COVER,JIB*** to SN Z452505-24286	1
14B	106589GT	KIT,CABLE COVER,Z45 JIB*** use to replace 54527-S, to SN Z452505-24286	
14C	106540GT	CABLE COVER,JIB from SN Z452505-24287	
14C-	106581GT	CLAMP,JIB HOSE Z45 sold seperately or with kit 106589	2
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	1
19-	147283GT	SEAL KIT,147259 for 147259	
19-	50480GT	VALVE,COUNTERBALANCE,3800 PSI*	1
19-	43018GT	SEAL KIT (39345) for 50480	

507.1 Jib Platform Leveling



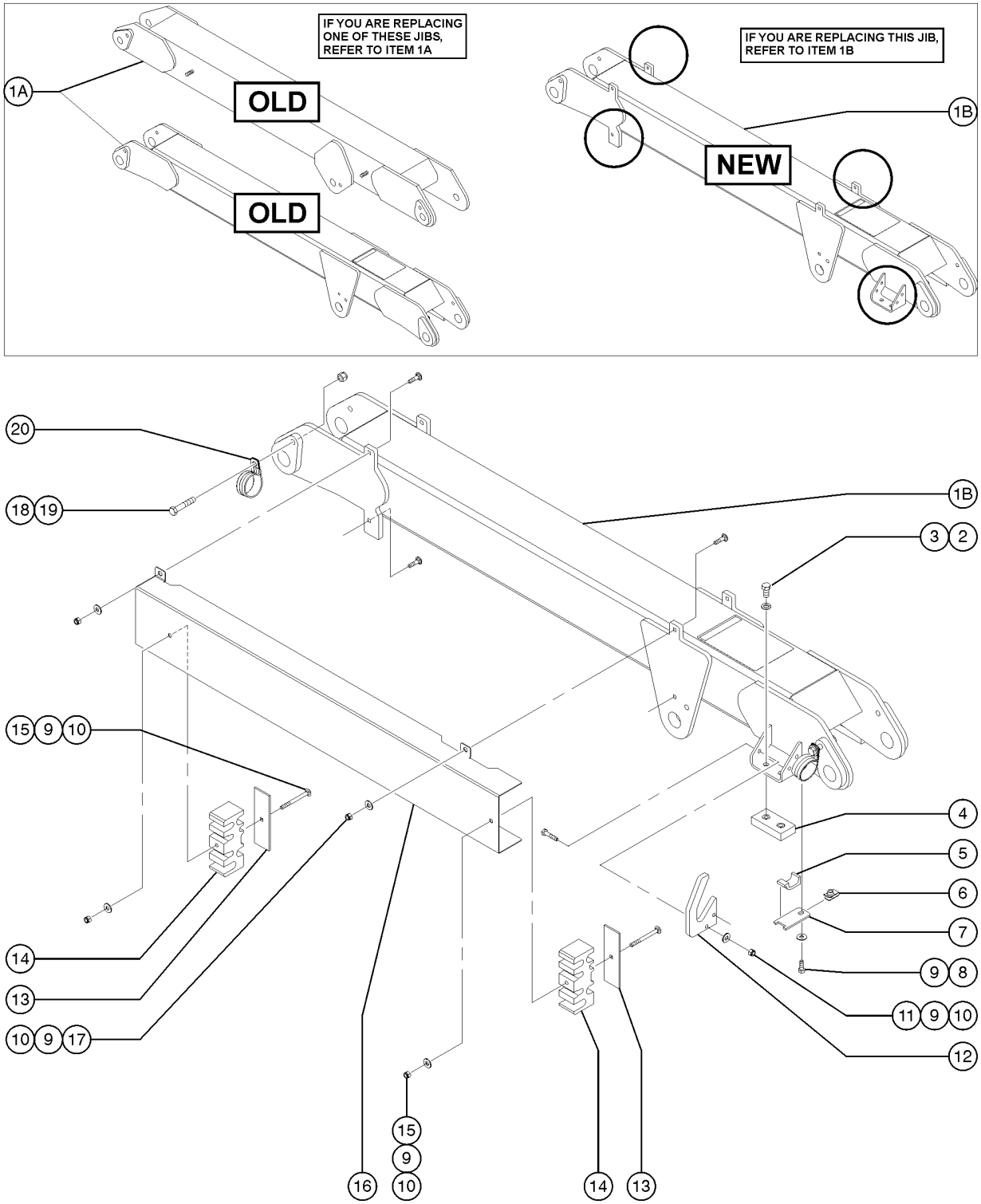
Item	Part No.	Description	Qty.
20	25683GT	BEARING,POLYGON,20DU12	4
21A	54368GT	ROTATOR,PLAT,JIB,Z45/25J includes item 6; to SN 24303	1
21A-	62509GT	SEAL KIT,ROTATOR*** for 54368	1
21A-	13852GT	VALVE ASSY,BLEED*** for 54368	1
21A-	83042GT	BEARING KIT,ROTATOR,4.5K*** for 54368	1
21B	233715GT	ROTATOR,PLAT,Z45J/Z51J includes item 6 & 22; from SN 24304	1
21B-	88516GT	SCREW,BLEEDER,M5X0.8 for 94401 and 233715	2
21B-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* for 94401	1
21B-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for 233715	
22	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	2
23		Ref. Counterbalance Manifold (refer to 704.1)	2
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	1
27-	54065GT	VALVE,COUNTERBALANCE,3500***	1
28	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
29A-	34245GT	BEARING,1.25IDX1.50X1.25L to SN 25193	6
29B-	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L from SN 25194	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*	1
33	106581GT	CLAMP,JIB HOSE Z45	2
33-	107901GT	CLAMP, ARCTIC HOSE	

508.1 Jib Platform Rotation



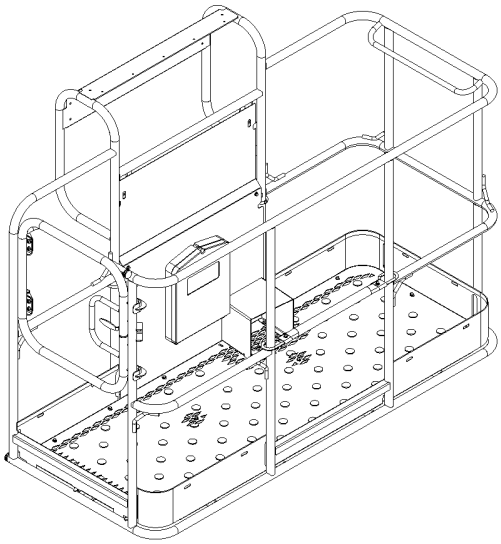
Item	Part No.	Description	Qty.
1	6091GT	NUT,NYLOCK,1/4-20	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	36294GT	SCREW,HHC,1/4-20 X 2.75	
4		Ref Jib Manifold (refer to 704.1)	
5	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	8
6	6021GT	WASHER, LOCK, .375	
7	56925GT	SCREW,HHC,3/4-10 X 9.5 GR 8 YE	1
8	33278GT	WASHER, FLAT, .75 HARDENED	
9	77051GT	NUT,NYLOCK,3/4-10,GRD.8	
10		Ref: Jib Platform Rotator (refer to 507.1)	1
11	54510-SGT	WELDMENT,PLATFORM SUPPORT for models with the Load Sense option, refer to 907.1	1
12	13002GT	SCREW,HHC,5/16-18 X 1 GR5	4
13	49863GT	CLAMP,1.13,#18 X 3/8,RUB CUSH*	1
14	5397GT	WASHER, FLAT, USS, 5/16-18	
15	6782GT	NUT, NYLOCK, 5/16-18	
16	55067GT	GROMMET,RUBBER 3 X .19 X 3.5	1
17	110531GT	KIT, CABLE GUIDE	1

509.1 Jib Detail

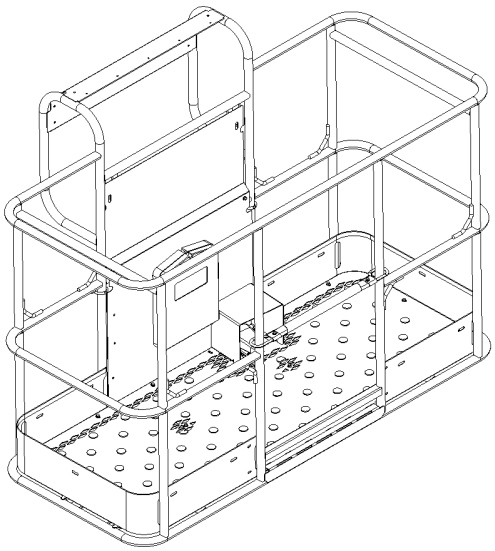


509.1 Jib Detail

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	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	8915GT	SCREW, HHC, 1/4-20 X 1.25	
12	128482GT	HOSE GUIDE, JIB	1
13	128483GT	BACKING PLATE, HOSE BLOCK, JIB	2
14	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



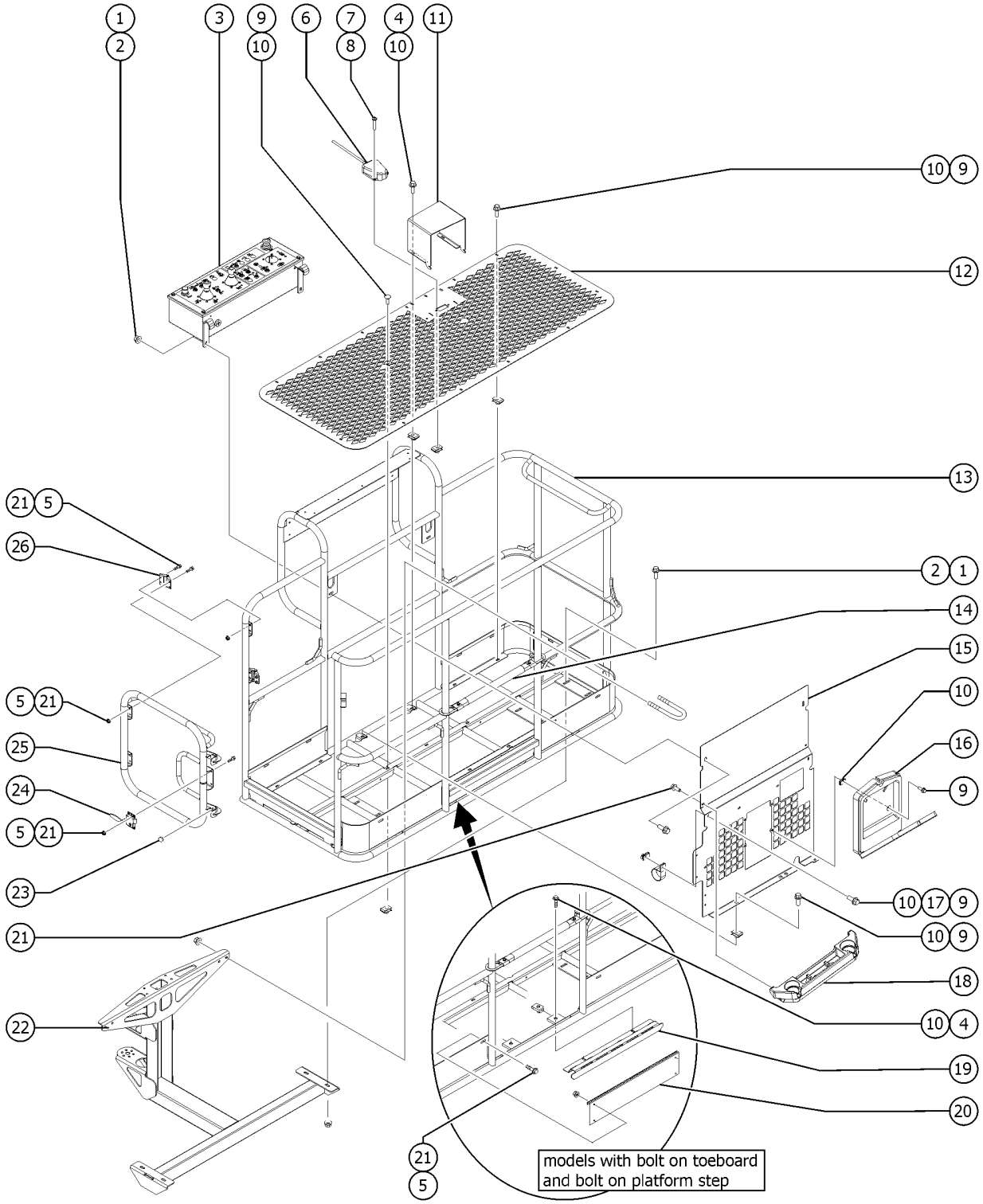
(1) Side Swing Gate Platform



(2) Front Single Entry Platform

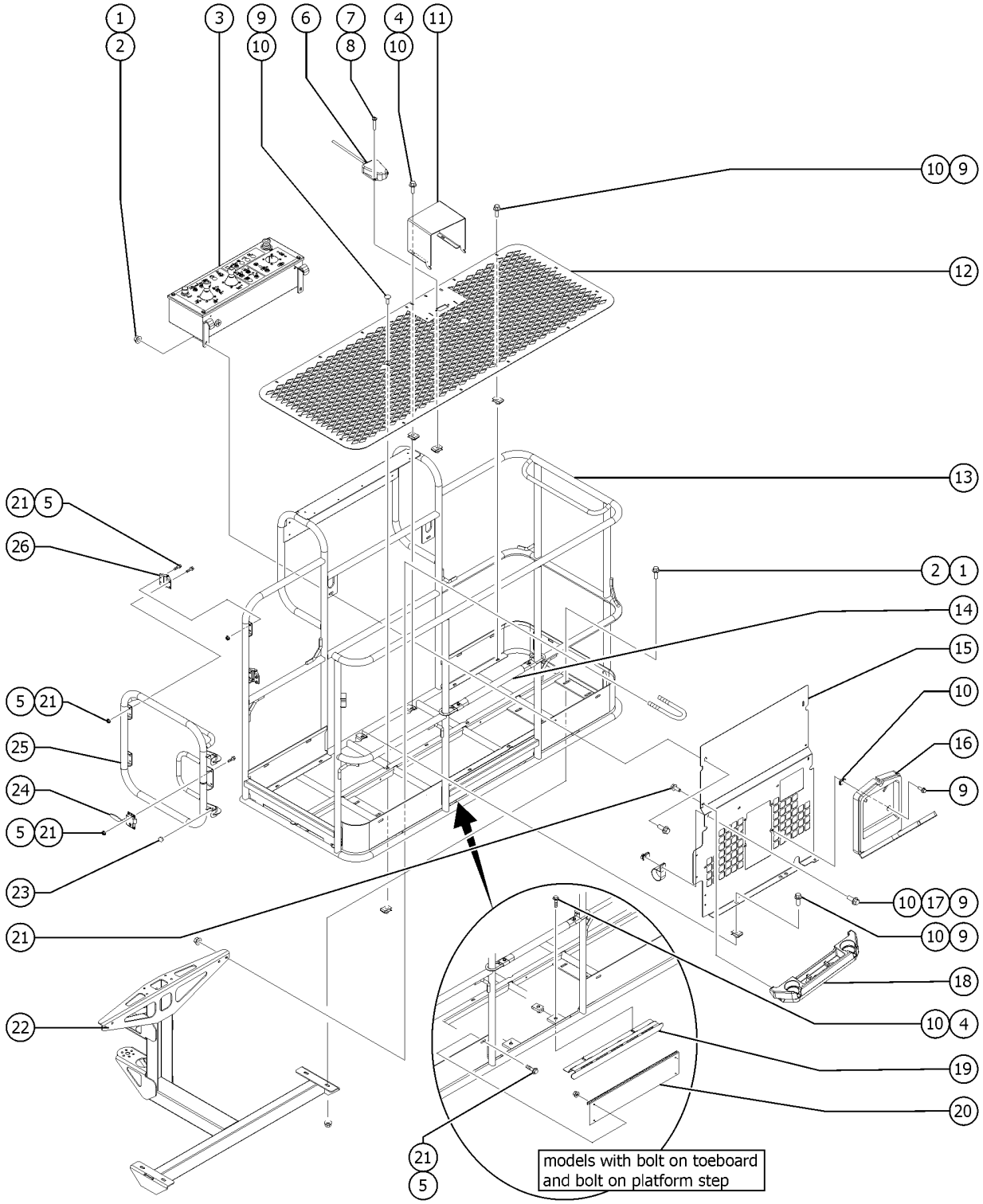
Item	*Part No.*	*Description*	*Qty.*
-		Complete Platform Assemblies with Decals	
A	1275398GT	PLAT ASSY,6' W/SIDE GATE,Z45IC/Z51 ANSI WORD USA and Canadian model	
B	1275399GT	PLAT ASSY,6’ W/SIDE GATE,Z45IC/Z51 AUS Australian models	
C	1275395GT	PLAT ASSY,6' W/SIDE GATE,Z45/51 CE European model	
D	1275396GT	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



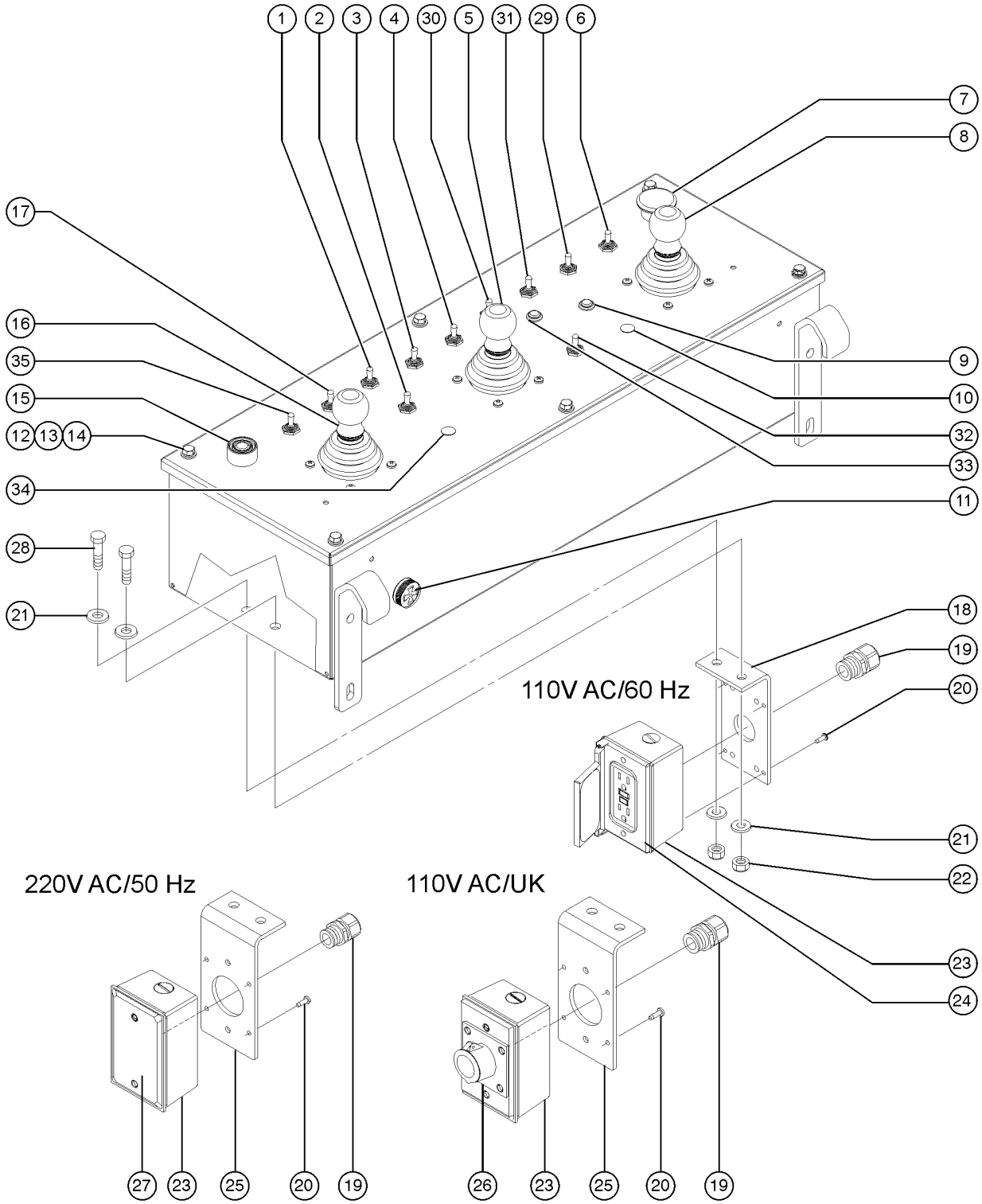
Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	
2	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
3		Ref. Platform Control Box (refer to 603.1 and 604.1)	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	2
6	73233GT	ASSEMBLY,FOOT SWITCH*** (to SN 41836)	1
-	119058GT	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 (upgrade kit) (to SN 41836)	1
-	227617GT	ASSEMBLY,FOOT SWITCH (for PN 228468)	
6C	227617GT	ASSEMBLY,FOOT SWITCH (from SN 41837)	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	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	
11	147121GT	COVER, FOOT SWITCH, LARGE	1
12	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
15	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	
22	54520-SGT	WELDMNT,PLATFRM SUPPORT,NJIB**	1
22B		Ref. Platform Support (refer to 506.1, 508.1, or 907.1)	1
23	43392GT	BUMPER,BATTERY BOX & RAILS	2
24	1267747GT	LATCH, SWING GATE	1
25	1272307GT	ASSY,SIDE SWING GATE	1
26	104804GT	HINGE, SPRING, LONG LEG	2

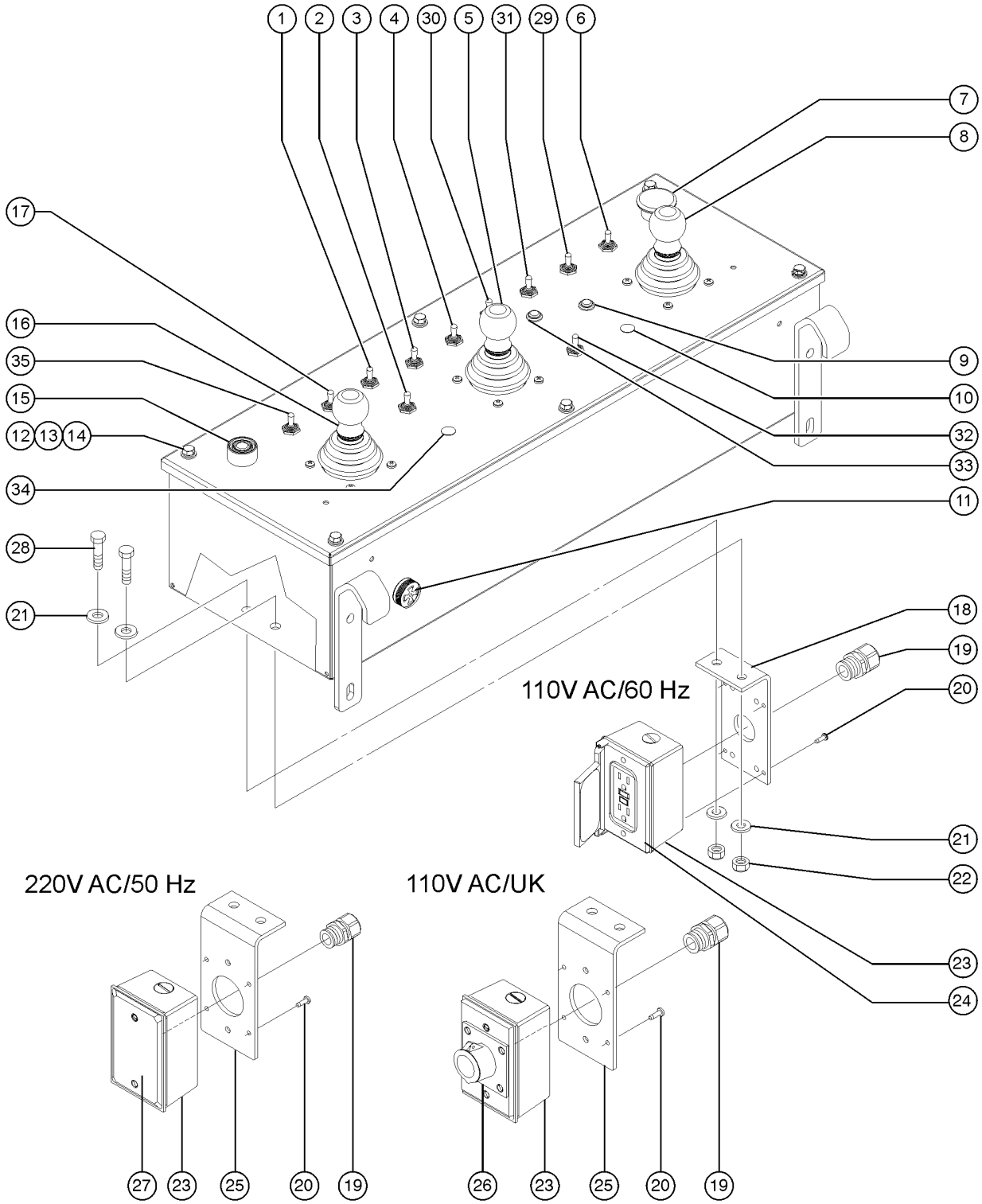
603.1 Platform Control Box - View 1, Z-45/25



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

Item	Part No.	Description	Qty.
A-	110388GT	PLAT. CONTROL BOX W/DECAL***	1
B-	122125GT	ADAPTER CABLE, JS100 JOYSTICK required for new (Detsch) style Joysticks only	
C-	81488GT	GASKET,PLATFORM CONTROL BOX	
D-		Ref. HARNESS,PLATFORM,Z45/25 IC (refer to 308.1)	
E-	119613GT	HARN JOYSTICK ADAPTOR JS100 6-pin to 7-pin adapter (for 101174, 101175, 101005)	
1A	45384GT	PLUG,NYLON .50 BLACK DOMED (Z-45/25)	1
2	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom ext/ret	1
2-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
2-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
2-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
3	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary power	1
3-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
3-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
3-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
4	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Drive speed select	1
4-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
4-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
4-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5	101175GT	JOYSTICK,1 AXIS,DEUTSCH (OEM joystick) secondary boom up/down	1
5	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB (aftermarket joystick) secondary boom up/down	
5-	119613GT	HARN JOYSTICK ADAPTOR JS100	
6A	45384GT	PLUG,NYLON .50 BLACK DOMED Diesel models	1
6B	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select, Gasoline/LPG models	1
6B-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
6B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
6B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
7	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
7-	66818GT	CONTACT,NC	

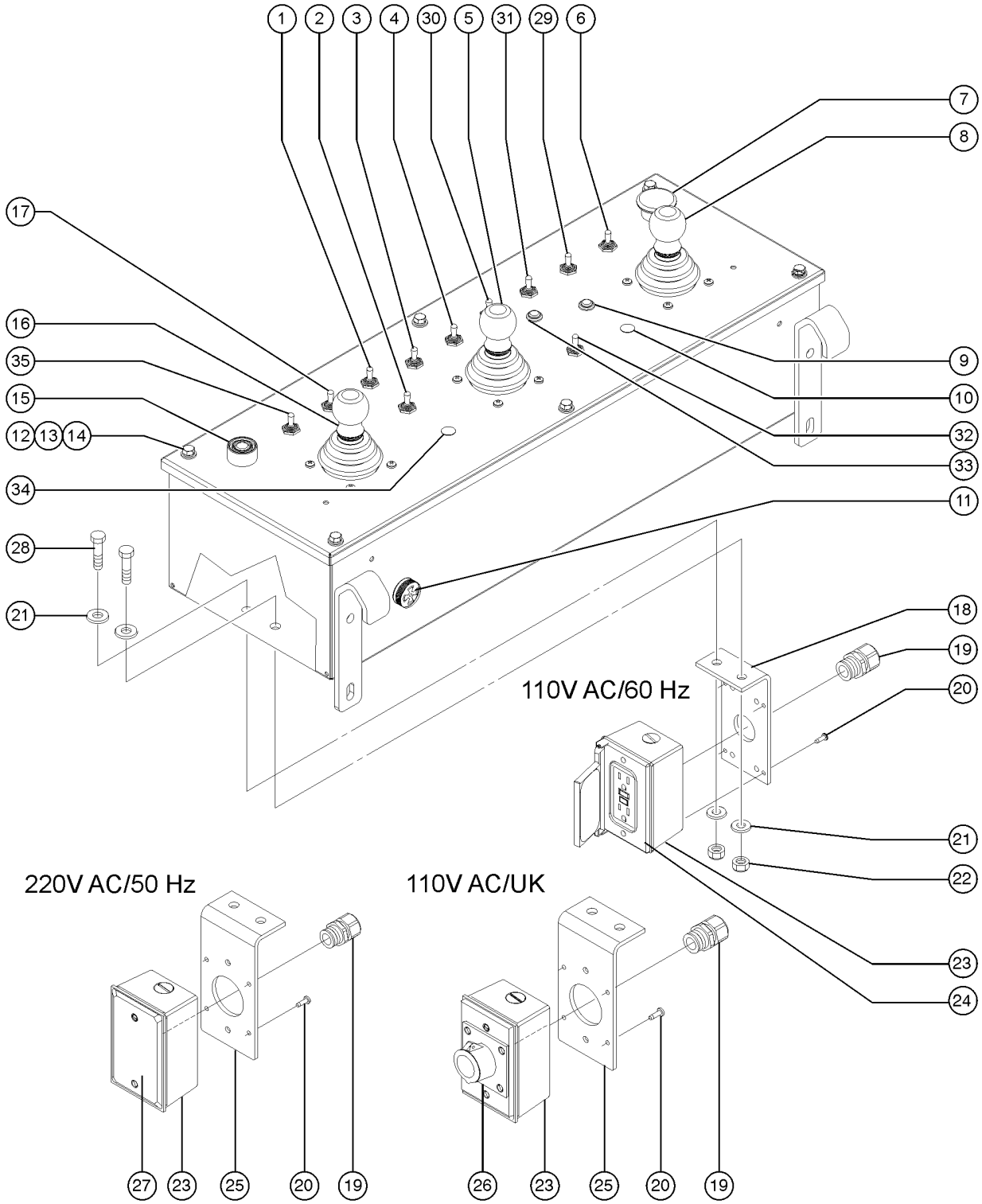
603.1 Platform Control Box - View 1, Z-45/25



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

Item	Part No.	Description	Qty.
7-	94506GT	BASE,W/3 NC CONTACTS includes 3 N.C. contacts	
8	101174GT	JOYSTICK,2 AXIS,DEUTSCH (OEM joystick) dual axis joystick controls drive/steer functions	1
8	101174HGT	JOYSTICK,DUAL AXIS W/KNOB (aftermarket joystick) dual axis joystick controls drive/steer functions	
8A	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH (OEM joystick) single axis joystick with rocker switch controls drive/steer functions	
8A	101005HGT	JOYSTICK, SINGLE AXIS W/STEER (aftermarket joystick) single axis joystick with rocker switch controls drive/steer functions	
9A	45384GT	PLUG,NYLON .50 BLACK DOMED	1
9B	824879GT	LIGHT,LED IND. RED 12V NH platform overload indicator	1
9B-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
10A	45384GT	PLUG,NYLON .50 BLACK DOMED	1
10B	824879GT	LIGHT,LED IND. RED 12V NH machine level sensor	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.***	1
16	101174GT	JOYSTICK,2 AXIS,DEUTSCH (OEM joystick) primary boom up/down, turntable rotate	
16	101174HGT	JOYSTICK,DUAL AXIS W/KNOB (aftermarket joystick) primary boom up/down, turntable rotate	
17	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform rotate	1
17-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
17-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
17-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
18	81096GT	BRACKET,POWER TO PLAT, DOM	1
19	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	2
19-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	

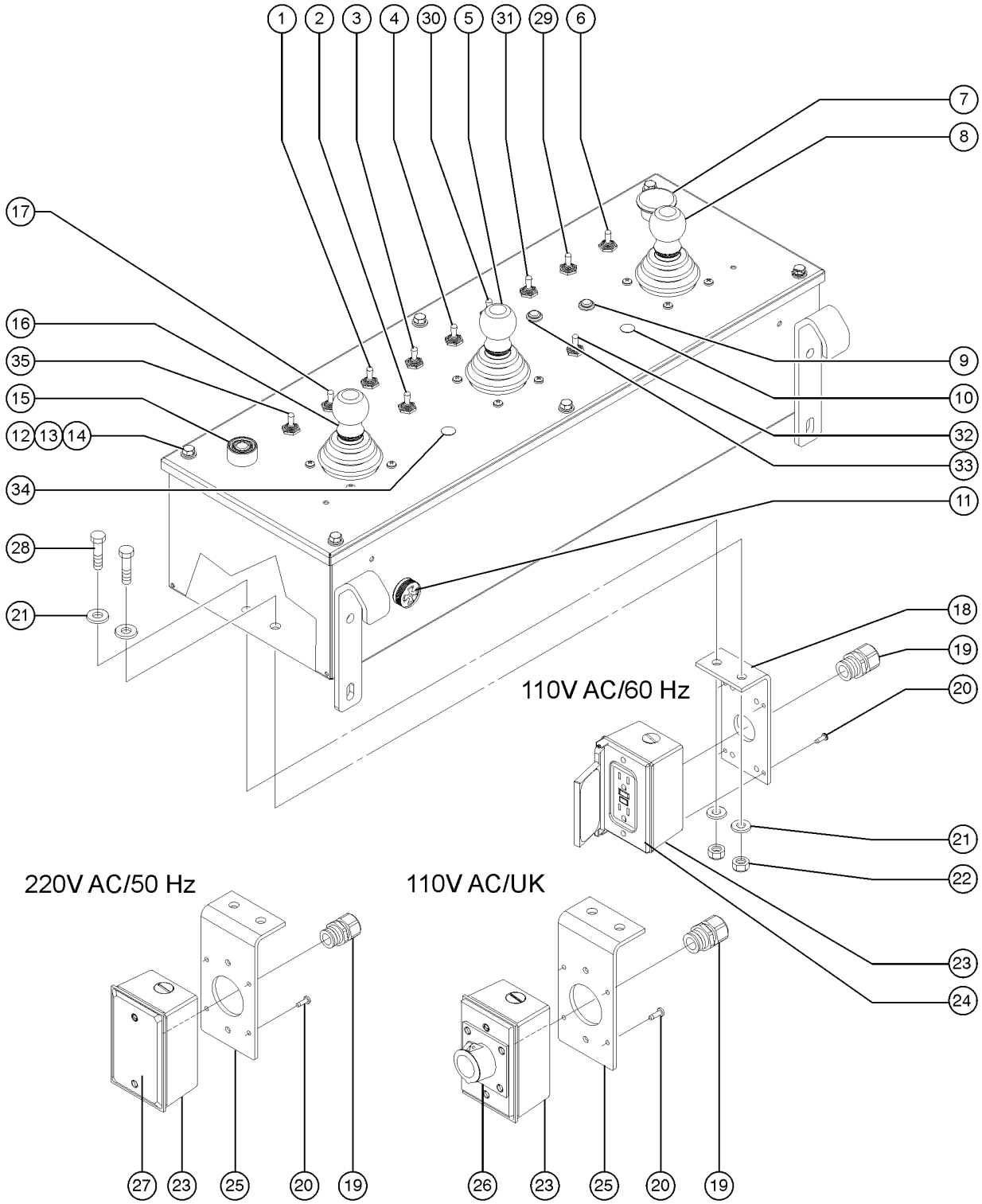
603.1 Platform Control Box - View 1, Z-45/25



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

Item	Part No.	Description	Qty.
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-	33724GT	KIT,GASKET,UK POWER TO PLAT	
26-	81458GT	GASKET, UK POWER TO PLAT	
26-	T112560GT	RECEPTACLE,UK,110V	
26-	T112561GT	PLATE,UK,POWER TO PLAT	
27	10777GT	COVER,BLANK	1
27-	33724GT	KIT,GASKET,UK POWER TO PLAT	
27-	81458GT	GASKET, UK POWER TO PLAT	
28	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
29A	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Diesel models	1
29A-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
29A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
29A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29B	128495GT	SWITCH TOGGLE ASSY SPDT 3P MNT Gasoline/LPG models	1
29B-	128579GT	SWITCH TOGGLE SPDT 3P MNT SHDR	
29B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
29B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
30	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow plug	1
30-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
30-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

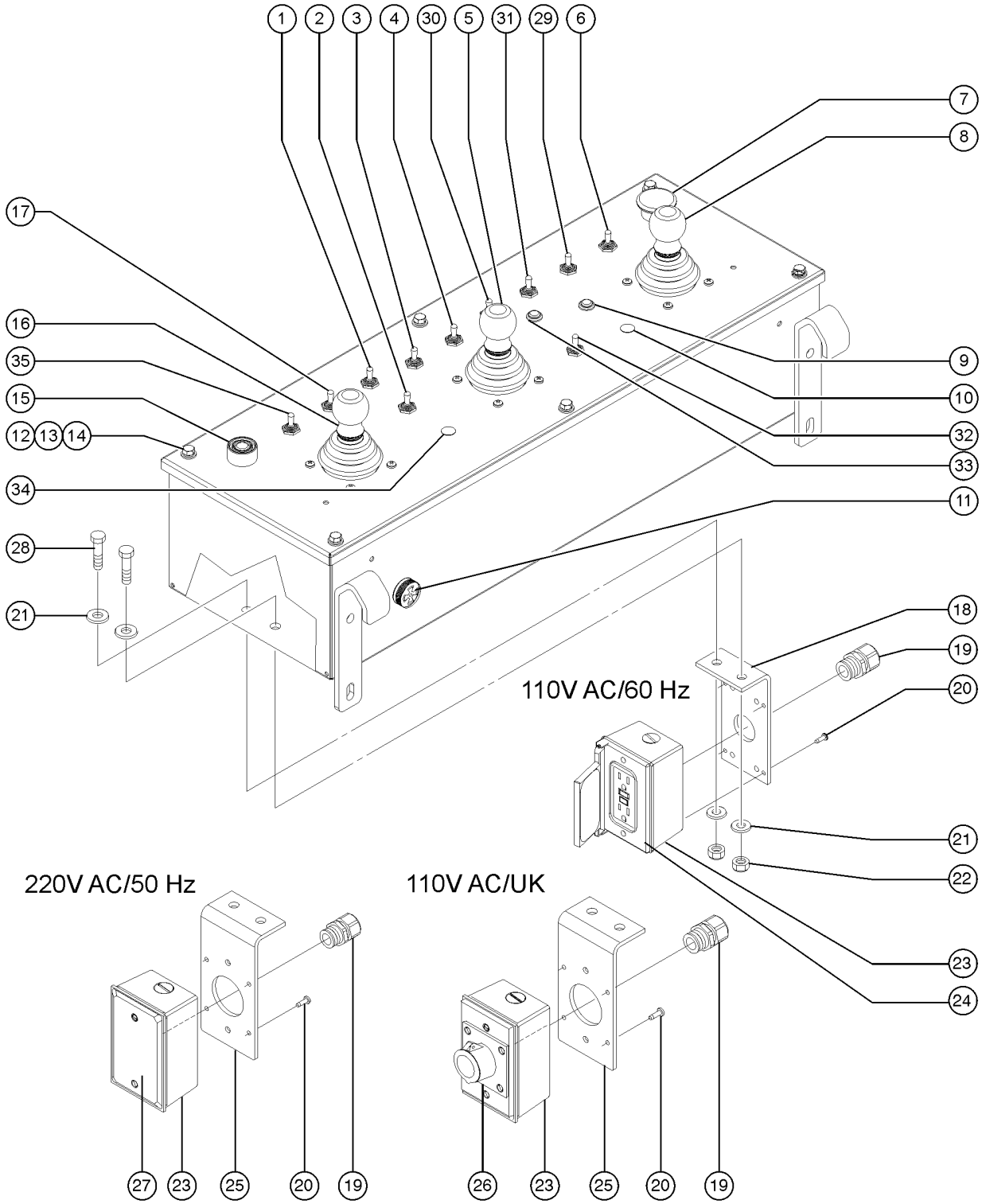
603.1 Platform Control Box - View 1, Z-45/25



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

Item	Part No.	Description	Qty.
30-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
31	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine start	1
31-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
31-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
31-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
32	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive enable	1
32-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
32-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
32-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
33	824879GT	LIGHT,LED IND. RED 12V NH Drive enable indicator	1
33-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
34	45384GT	PLUG,NYLON .50 BLACK DOMED used for optional equipment	1
35	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform level	1
35-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
35-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
35-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

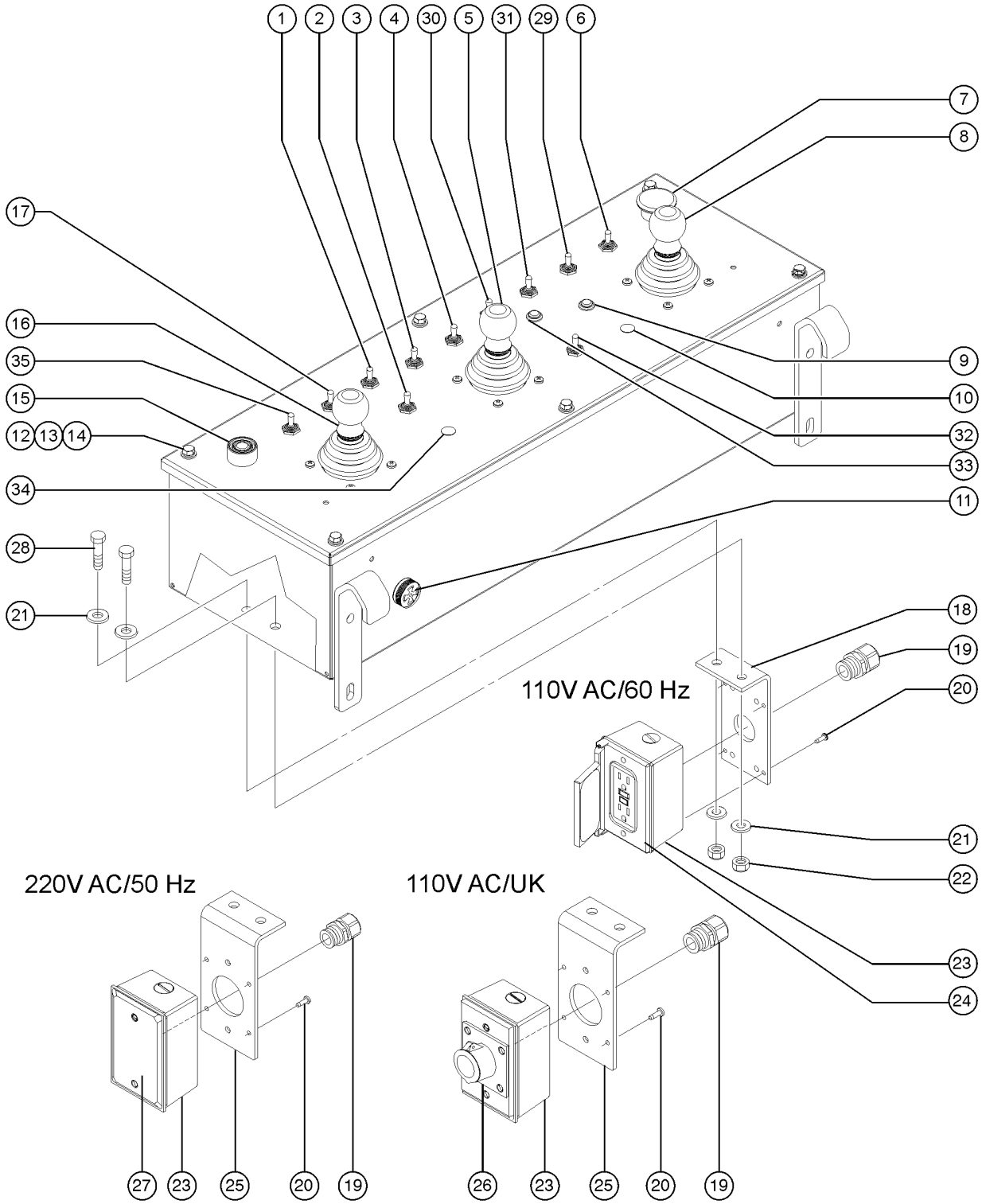
603.2 Platform Control Box - View 1, Z-45/25J



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

Item	Part No.	Description	Qty.
A-	110388GT	PLAT. CONTROL BOX W/DECAL***	1
B-	122125GT	ADAPTER CABLE, JS100 JOYSTICK required for new (Detsch) style Joysticks only	
C-	81488GT	GASKET,PLATFORM CONTROL BOX	
D-	T108153GT	HARNESS KIT,Z45/51 PLAT BOX includes three adapter cables	
E-	119613GT	HARN JOYSTICK ADAPTOR JS100 6-pin to 7-pin adapter (for 101174, 101175, 101005)	
1B	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Jib boom up/down	1
1B-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
1B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
1B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
2	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom ext/ret	1
2-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
2-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
2-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
3	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary power	1
3-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
3-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
3-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
4	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Drive speed select	1
4-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
4-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
4-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5	101175GT	JOYSTICK,1 AXIS,DEUTSCH (OEM joystick) secondary boom up/down	1
5	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB (aftermarket joystick) secondary boom up/down	
5-	119613GT	HARN JOYSTICK ADAPTOR JS100	
6A	45384GT	PLUG,NYLON .50 BLACK DOMED Diesel models	1
6B	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select, Gasoline/LPG models	1
6B-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
6B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

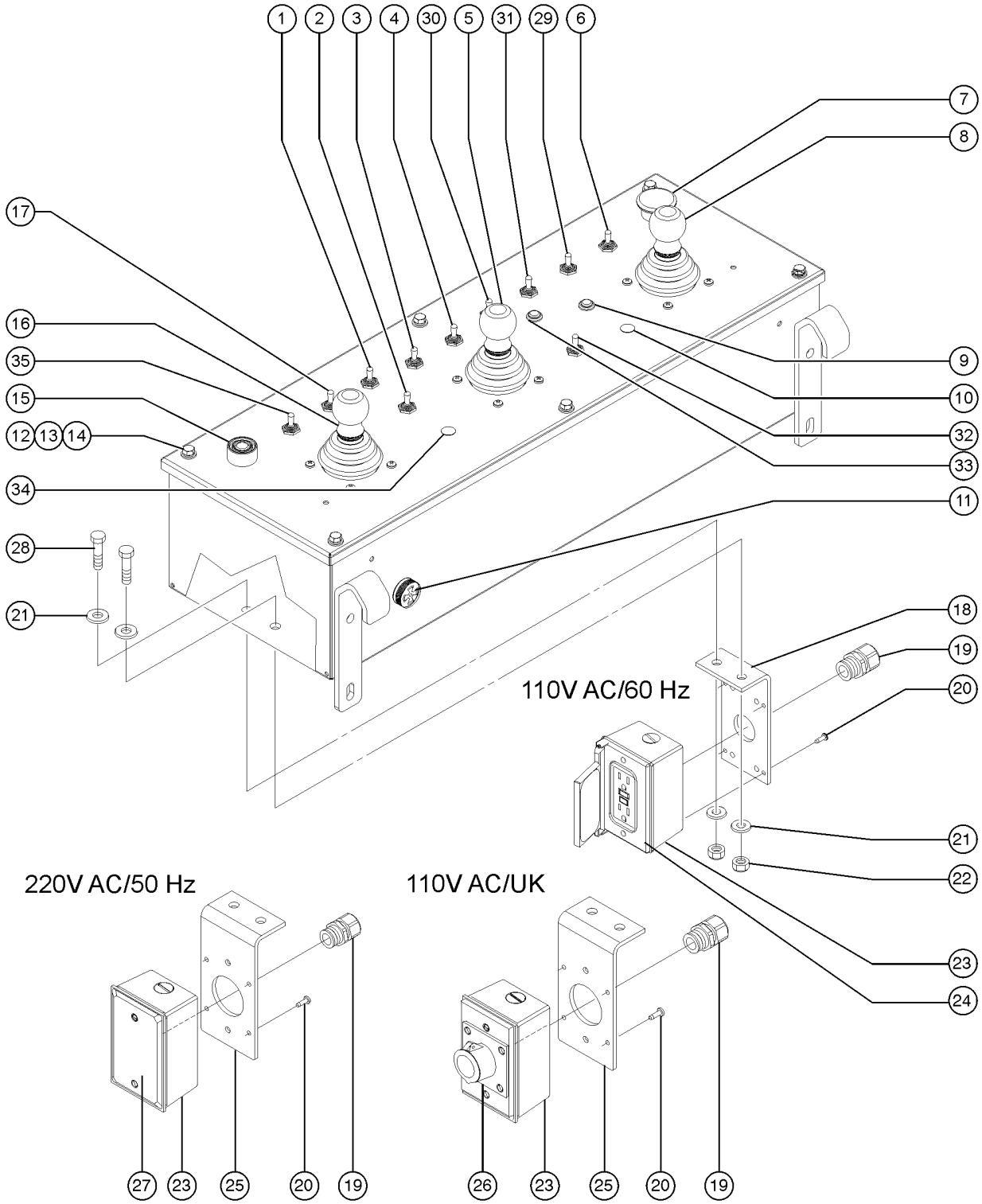
603.2 Platform Control Box - View 1, Z-45/25J



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

Item	Part No.	Description	Qty.
6B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
7	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
7-	66818GT	CONTACT,NC	
7-	94506GT	BASE,W/3 NC CONTACTS includes 3 N.C. contacts	
8	101174GT	JOYSTICK,2 AXIS,DEUTSCH (OEM joystick) dual axis joystick controls drive/steer functions	1
8	101174HGT	JOYSTICK,DUAL AXIS W/KNOB (aftermarket joystick) dual axis joystick controls drive/steer functions	
8A	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH (OEM joystick) single axis joystick with rocker switch controls drive/steer functions	
8A	101005HGT	JOYSTICK, SINGLE AXIS W/STEER (aftermarket joystick) single axis joystick with rocker switch controls drive/steer functions	
9A	45384GT	PLUG,NYLON .50 BLACK DOMED	1
9B	824879GT	LIGHT,LED IND. RED 12V NH platform overload indicator	1
9B-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
10A	45384GT	PLUG,NYLON .50 BLACK DOMED	1
10B	824879GT	LIGHT,LED IND. RED 12V NH machine level sensor	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.***	1
16	101174GT	JOYSTICK,2 AXIS,DEUTSCH (OEM joystick) primary boom up/down, turntable rotate	
16	101174HGT	JOYSTICK,DUAL AXIS W/KNOB (aftermarket joystick) primary boom up/down, turntable rotate	
17	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform rotate	1
17-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
17-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
17-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

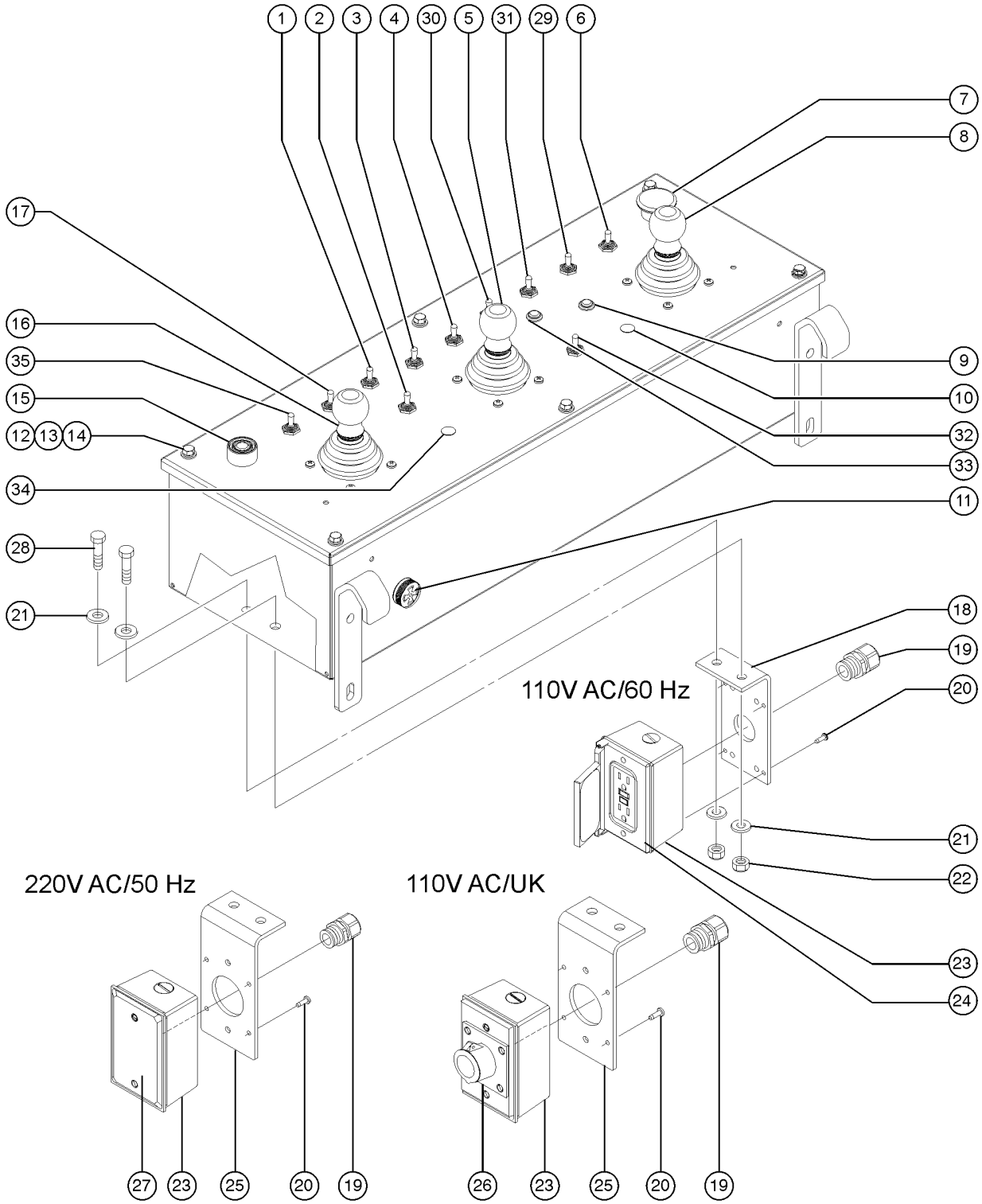
603.2 Platform Control Box - View 1, Z-45/25J



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

Item	Part No.	Description	Qty.
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-	33724GT	KIT,GASKET,UK POWER TO PLAT	
26-	81458GT	GASKET, UK POWER TO PLAT	
26-	T112560GT	RECEPTACLE,UK,110V	
26-	T112561GT	PLATE,UK,POWER TO PLAT	
27	10777GT	COVER,BLANK	1
27-	33724GT	KIT,GASKET,UK POWER TO PLAT	
27-	81458GT	GASKET, UK POWER TO PLAT	
28	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
29A	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Diesel models	1
29A-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
29A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
29A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29B	128495GT	SWITCH TOGGLE ASSY SPDT 3P MNT Gasoline/LPG models	1
29B-	128579GT	SWITCH TOGGLE SPDT 3P MNT SHDR	
29B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
29B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

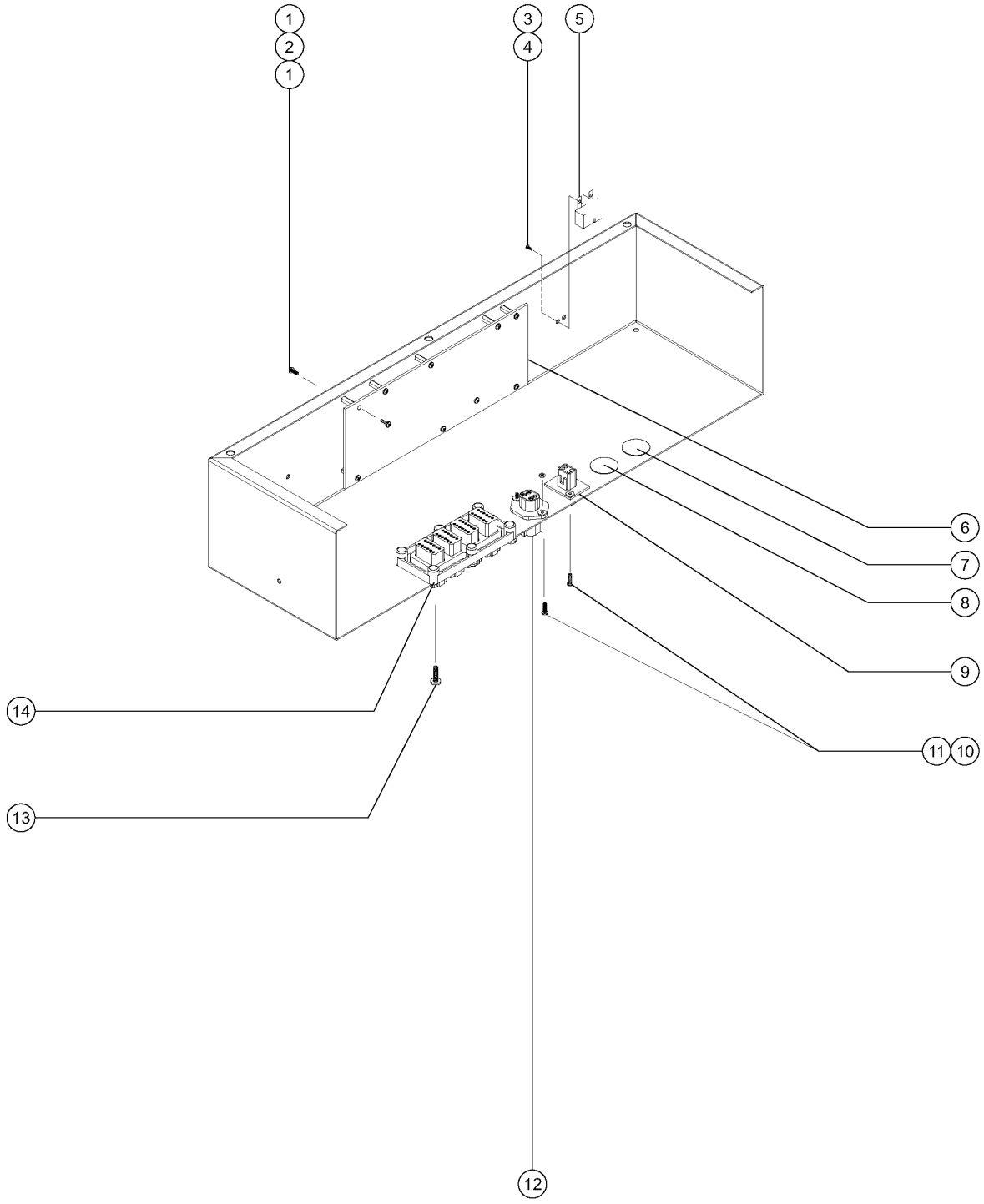
603.2 Platform Control Box - View 1, Z-45/25J



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

Item	Part No.	Description	Qty.
30	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow plug	1
30-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
30-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
30-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
31	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine start	1
31-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
31-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
31-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
32	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive enable	1
32-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
32-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
32-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
33	824879GT	LIGHT,LED IND. RED 12V NH Drive enable indicator	1
33-	56848GT	WASHER,LOCK,IND,LAMP RETAINER	
34	45384GT	PLUG,NYLON .50 BLACK DOMED used for optional equipment	1
35	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform level	1
35-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
35-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
35-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

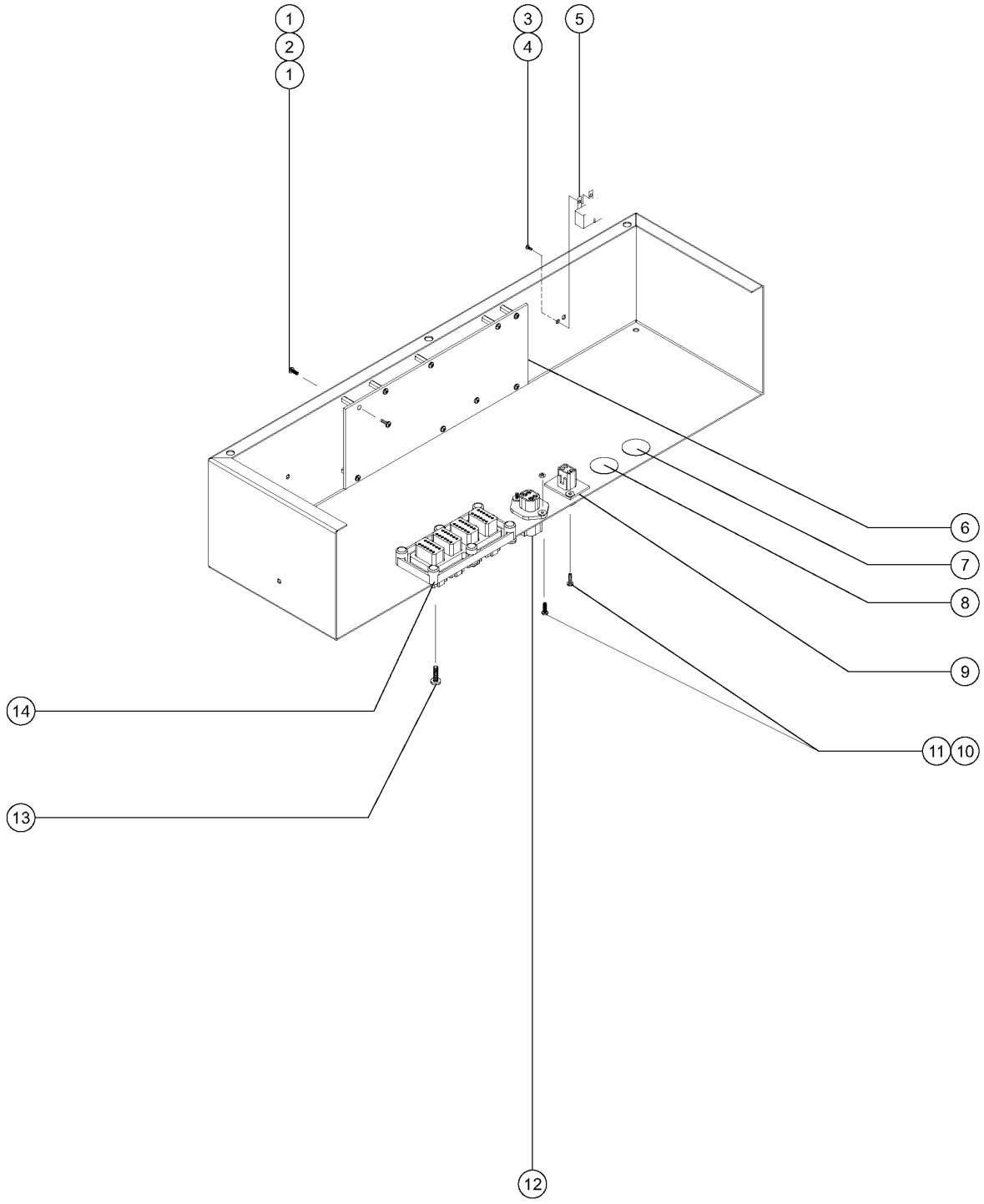
604.1 Platform Control Box - View 2, Z-45/25



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	
1	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
2	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	
3	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL European models	
4	6178GT	NUT, NYLOCK, 10-32 European models	
5	19274GT	RELAY,SPDT,12V(AUTO)** European models	2
6A	236812GT	Ref. PCB,ASSY,ALC500,Z45,Z60,S80* (from SN 21179 to 22050) (machine model and serial number required to order)	
6B	235473GT	ASSY,PCB ALC500 GENII Z45 V201 (from SN 22051) (machine model and serial number required to order)	1
6B-	56029GT	CONNECTOR,MOLEX 24-WAY**	
6B-	56030GT	TERMINAL,MOLEX 16 GAUGE***	
6B-	56561GT	TOOL,TERMINAL CRIMPER,MOLEX***	
6B-	56562GT	TOOL,TERMINAL EXTRACTOR,MOLEX	
6C	T111107GT	ASSY,ALC500 BOARD HEATER	
6C-	147661GT	PLATE,PLAT HEAT,ALC500 GEN II	1
6C-	218180GT	HARNESS,CONTROL BOX HEATER	1
6C-	27287GT	RESISTOR,10 OHM,25 WATT for 119560	2
6C-	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
6C-	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	5
6C-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
6C-	114246GT	DECAL,OPTION CONTROL BOX HEATR	1
7	45385GT	PLUG,NYLON 1.12 BLACK DOMED	
7-	94549GT	SWITCH,LOAD LIMIT European models	
8	45385GT	PLUG,NYLON 1.12 BLACK DOMED	1
9	60443GT	LOCK, RECEP 4WAY, 14-18GA	1
9-	54259GT	TERM,NI PIN, 14-16GA,BULK	

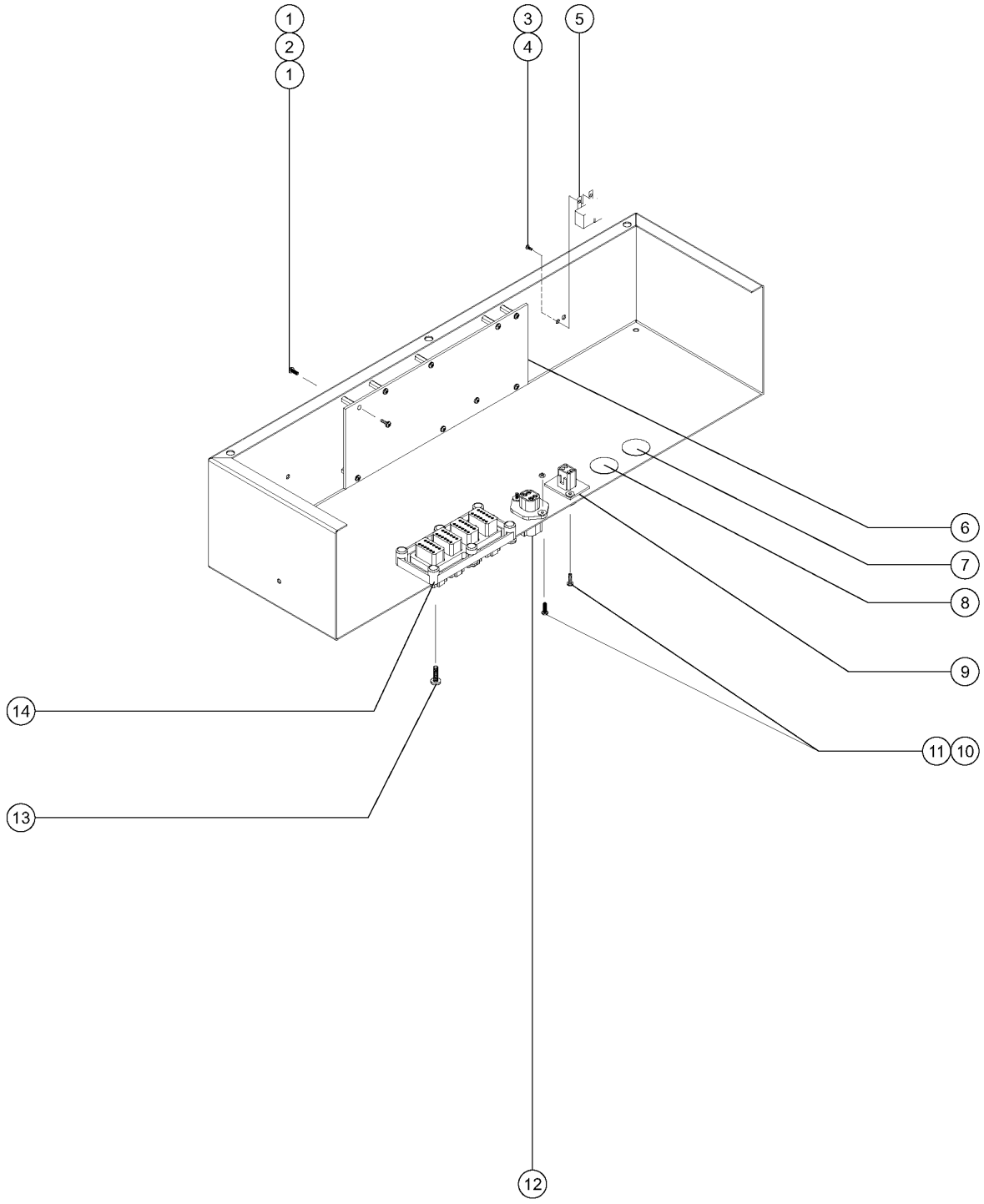
604.1 Platform Control Box - View 2, Z-45/25



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

Item	Part No.	Description	Qty.
9-	73723GT	CONN RECEPT,FLANGED	
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	
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 Brown and green connectors	
14-	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 jib models; Black and grey connectors	

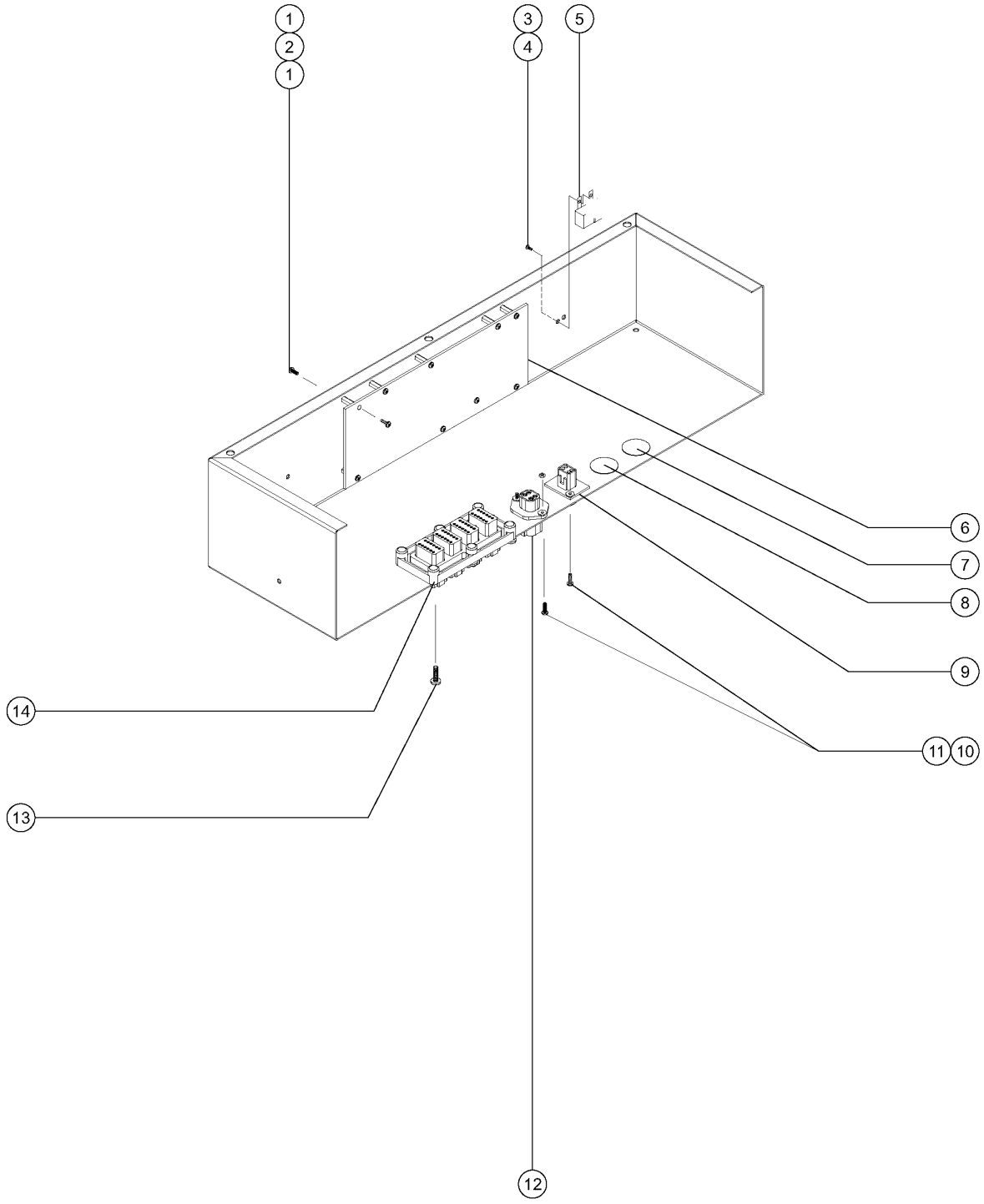
604.2 Platform Control Box - View 2, Z-45/25J



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	
1	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
2	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	
3	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL European models	
4	6178GT	NUT, NYLOCK, 10-32 European models	
5	19274GT	RELAY,SPDT,12V(AUTO)** European models	2
6A	236812GT	Ref. PCB,ASSY,ALC500,Z45,Z60,S80* (from SN 21179 to 22050) (machine model and serial number required to order)	
6B	235473GT	ASSY,PCB ALC500 GENII Z45 V201 (from SN 22051) (machine model and serial number required to order)	
6B-	56029GT	CONNECTOR,MOLEX 24-WAY**	
6B-	56030GT	TERMINAL,MOLEX 16 GAUGE***	
6B-	56561GT	TOOL,TERMINAL CRIMPER,MOLEX***	
6B-	56562GT	TOOL,TERMINAL EXTRACTOR,MOLEX	
7	45385GT	PLUG,NYLON 1.12 BLACK DOMED	1
7-	94549GT	SWITCH,LOAD LIMIT European models	
8	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	
8-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
8-	101080GT	HARNESS,JIB SELECT MANIFOLD includes squeeze connector and locknut	
9	60443GT	LOCK, RECEP 4WAY, 14-18GA	1
9-	54259GT	TERM,NI PIN, 14-16GA,BULK	
9-	73723GT	CONN RECEPT,FLANGED	
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	

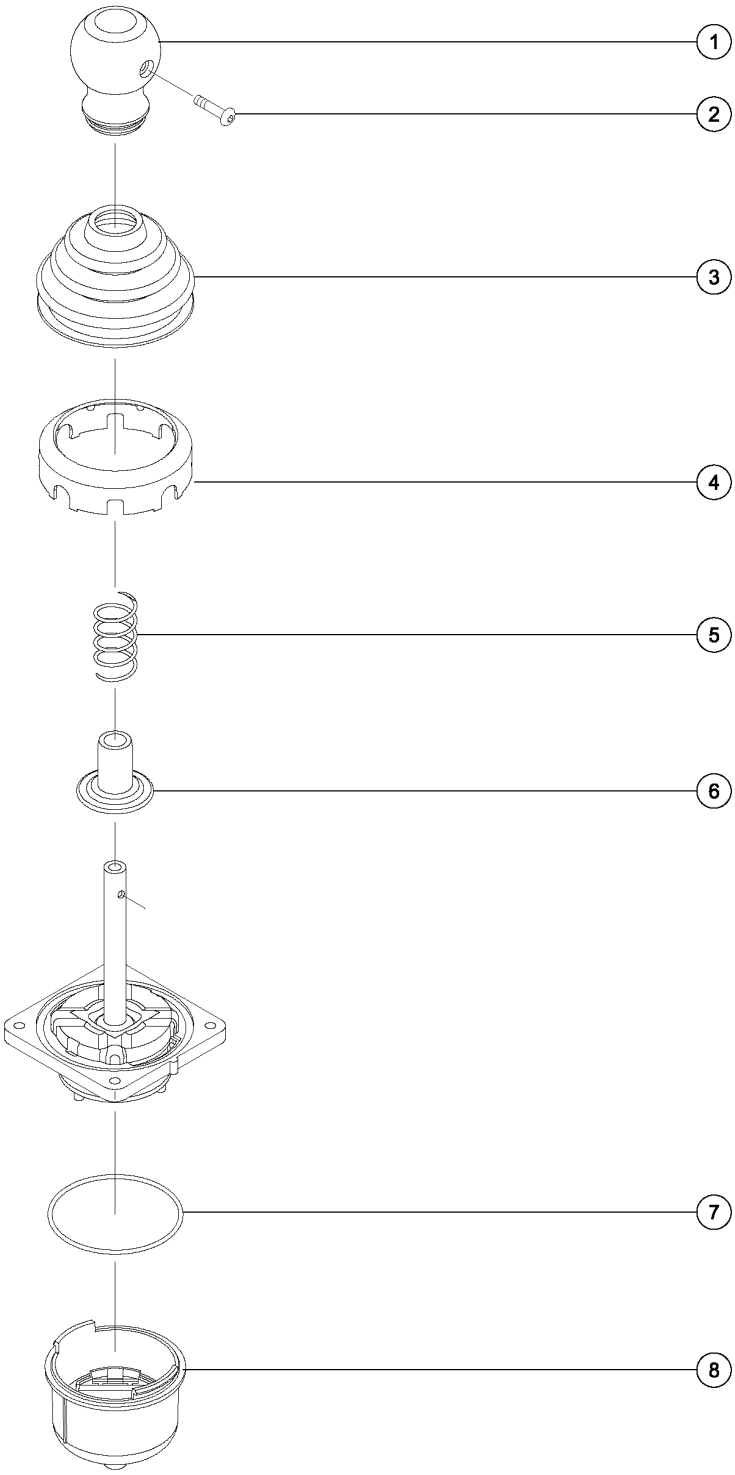
604.2 Platform Control Box - View 2, Z-45/25J



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

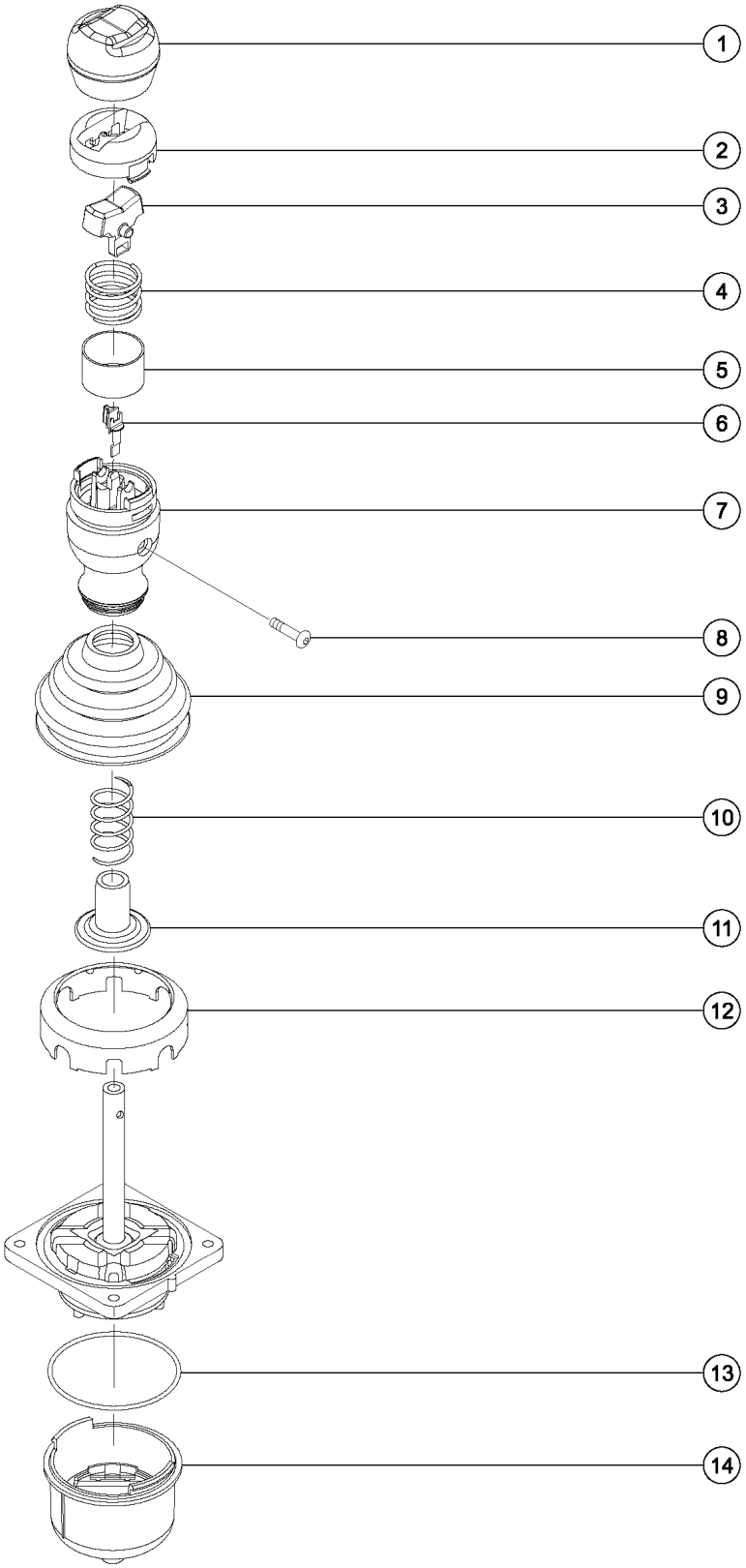
Item	Part No.	Description	Qty.
12-	88723-71000GT	HARNESS,12/3,12V TO PLAT	
13	73803GT	SCREW,SHM,PHP, #12 X .75	
14	73736GT	CONN,RECEP 48 WAY,4 X 12	1
14-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
14-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
14-	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 Brown and green connectors	
14-	88722-73000GT	HARNESS,18/19,BOOM CABLE #2 Black and grey connectors (non-jib)	

605.1 Single and Multi-axis Joystick



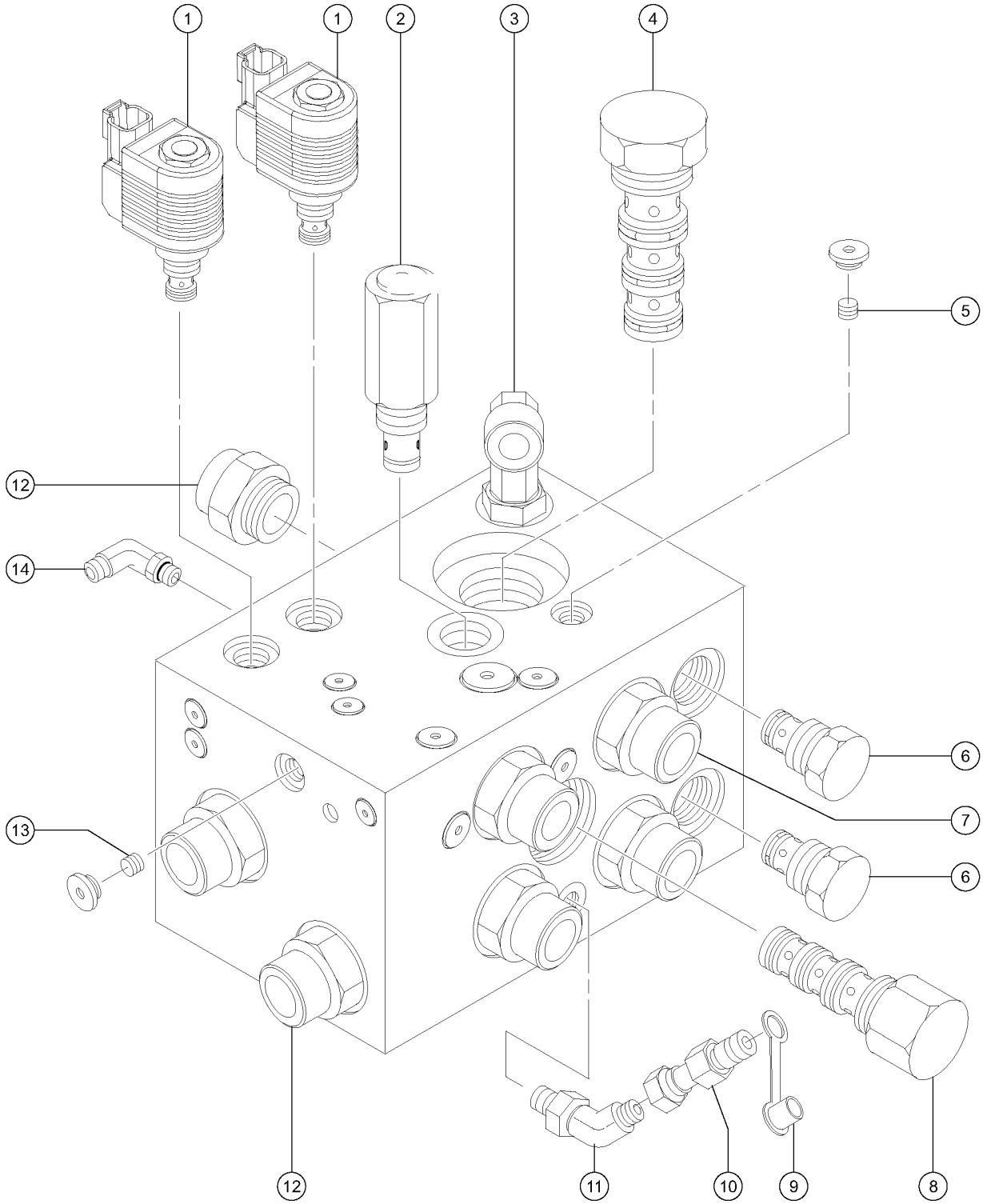
Item	Part No.	Description	Qty.
A-	101174GT	JOYSTICK,2 AXIS,DEUTSCH (OEM joystick) for first time replacement use kit 111417	
B-	101174HGT	JOYSTICK,DUAL AXIS W/KNOB (aftermarket joystick) for first time replacement use kit 111417	
C-	101175GT	JOYSTICK,1 AXIS,DEUTSCH (OEM joystick) for first time replacement use kit 111415	
D-	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB (aftermarket joystick) for first time replacement use kit 111415	
E-	119613GT	HARN JOYSTICK ADAPTOR JS100	
Z	1269501GT	KIT, ISOLATION, 3 JOYSTICK	
1	62392GT	KNOB,JOYSTICK, 62390/62391	1
2	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	
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	119915GT	COLLAR,JOYSTICK,CENTER	1
7		O-RING,JOYSTICK, 62390/62391 no longer available from supplier	1
8	62398GT	HOUSING,JOYSTICK, 62390/62391	1

606.1 Steer Joystick



Item	Part No.	Description	Qty.
	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH (OEM joystick) for first time replacement use kit 111416	
	101005HGT	JOYSTICK, SINGLE AXIS W/STEER (aftermarket joystick) for first time replacement use kit 111416	
Z	1269501GT	KIT, ISOLATION, 3 JOYSTICK	
1	75443GT	BOOT, ROCKER JOYSTICK 75565	1
2	75444GT	ROCKER,RETAINER, 75565	1
3	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
4	75446GT	SPRING,SWITCH CENTERING,75565	1
5	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
6	75448GT	SUPPORT,SENSOR,JOYSTICK	1
7	75449GT	KNOB,ROCKER JOYSTICK 75565	1
8	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	
9	139598GT	BOOT,JOYSTICK	1
10		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	1
11	119915GT	COLLAR,JOYSTICK,CENTER	1
12	75143GT	BOOT GUARD, JOYSTICK 62390/91	1
13		O-RING,JOYSTICK, 62390/62391 no longer available from supplier	1
14	62398GT	HOUSING,JOYSTICK, 62390/62391	1

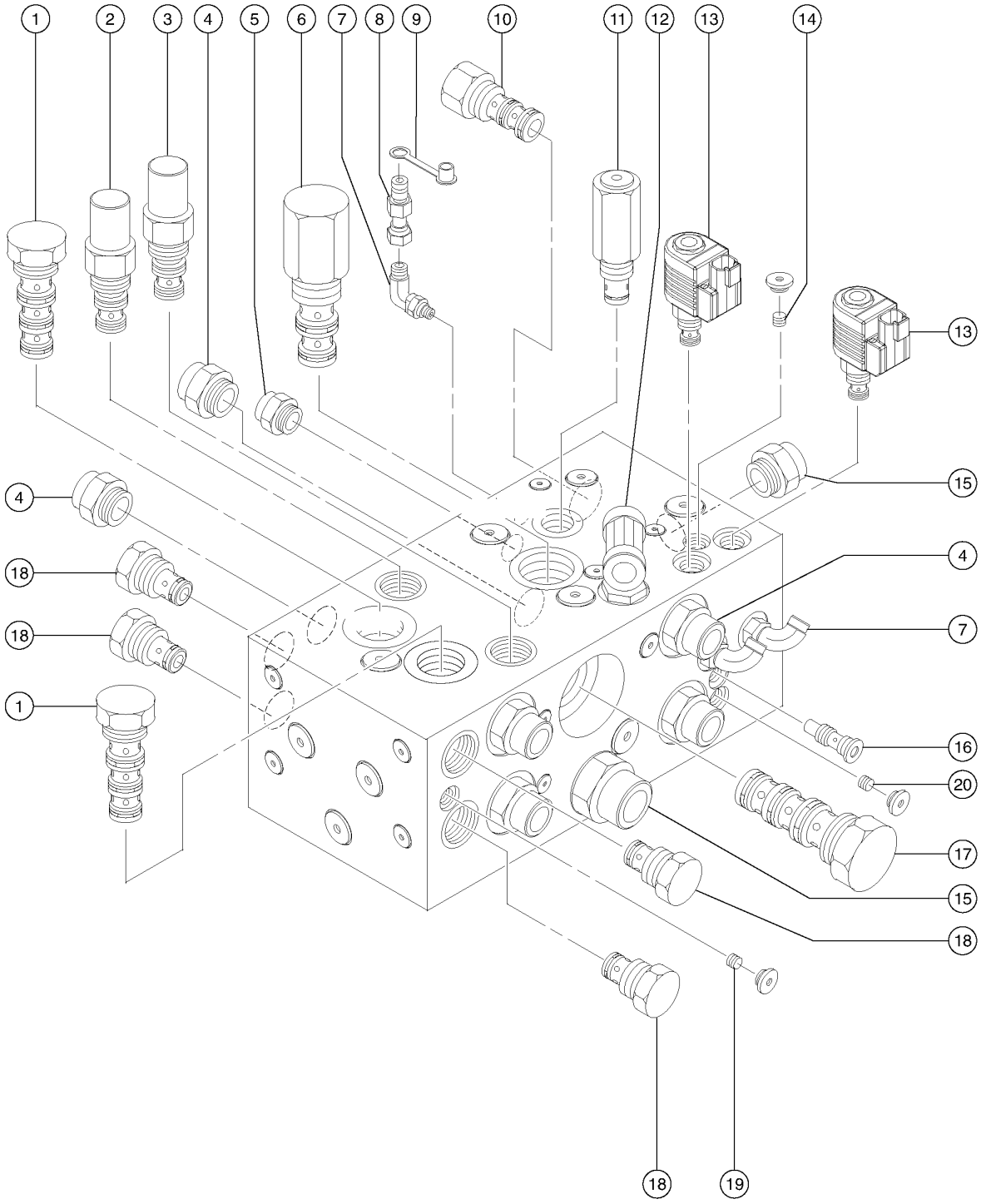
701.1 2WD Drive Manifold



701.1 2WD Drive Manifold

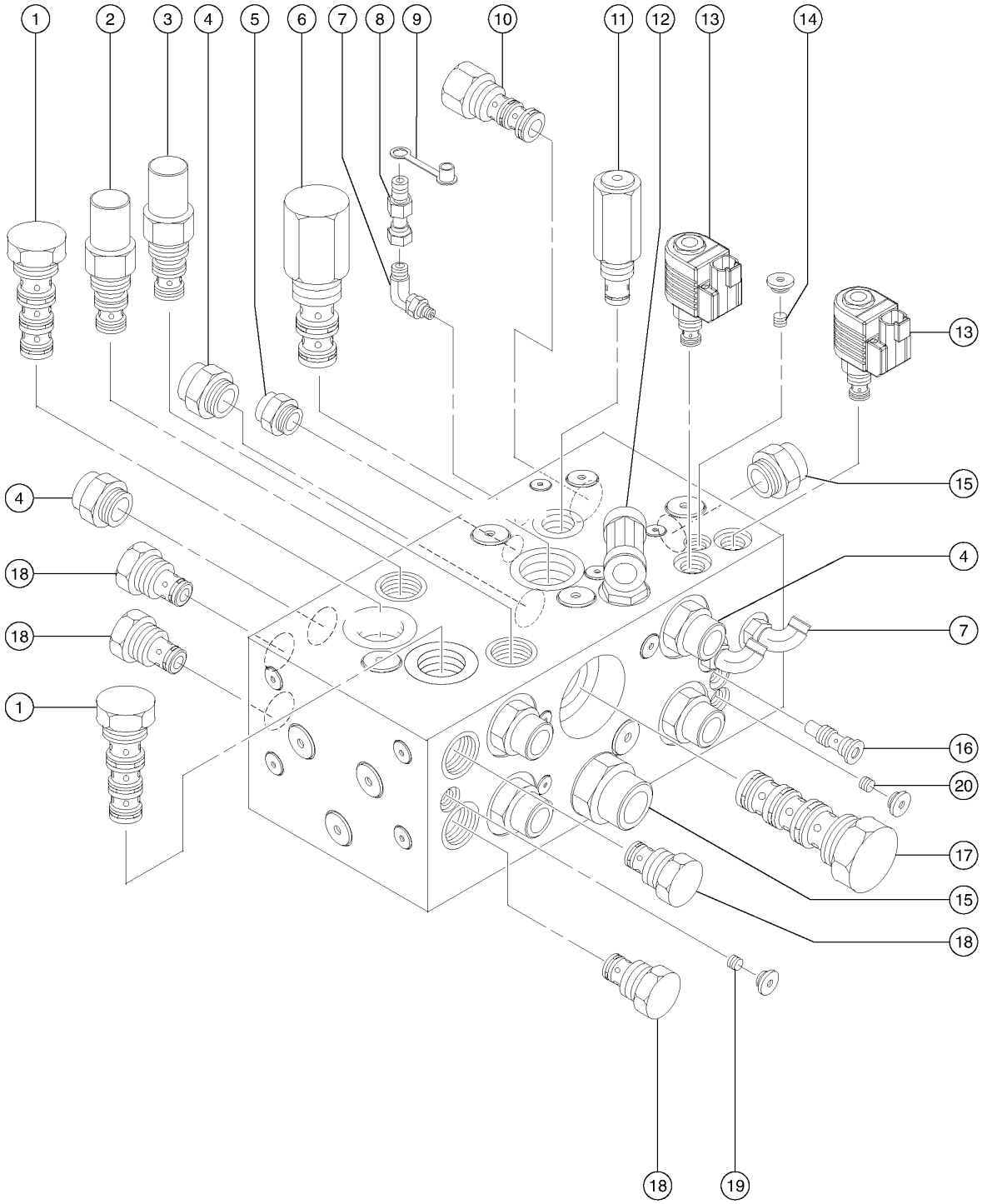
Item	Part No.	Description	Qty.
	101590GT	MANIFOLD,2WD TRACT W/O FIT*** to SN 22790	
	101590GT	MANIFOLD,2WD TRACT W/O FIT*** from SN 22791	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY	2
1	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	2
1	52943GT	NUT, SOLENOID VALVE COIL	2
1	72043GT	SEAL KIT,SOLENOID VALVE	
2	43597GT	VALVE,RELIEF,210 PSI	1
2	110194GT	SEAL KIT, VALVE, #10	
3	48932GT	FITTING,ELBOW,90D,520220-8***	1
4	52726GT	VALVE,FLOW DIVIDER/COMBINER	1
4	84135GT	SEAL KIT, VALVE	
5	77163GT	PLUG-ORIFICE,0.067 INCH	1
6	27836GT	VALVE,CHECK,5 PSI	2
6	110194GT	SEAL KIT, VALVE, #10	
7	48933GT	CONN,520120-8***	1
8	54572GT	VALVE	1
9	48880GT	CAP,DIAGNOSTIC NIPPLE	1
10	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	1
10	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
11	48907GT	ELBOW,45D,520320-4	1
12	48960GT	FITTING,CONN,520120-12*** to SN 22050	2
12	48948GT	CONN,520120-8-12 from SN 22051	2
13	77162GT	PLUG-ORIFICE 0.031 INCH	
14	48904GT	ELBOW, 90D, 520220-4	1

702.1 4WD Drive Manifold



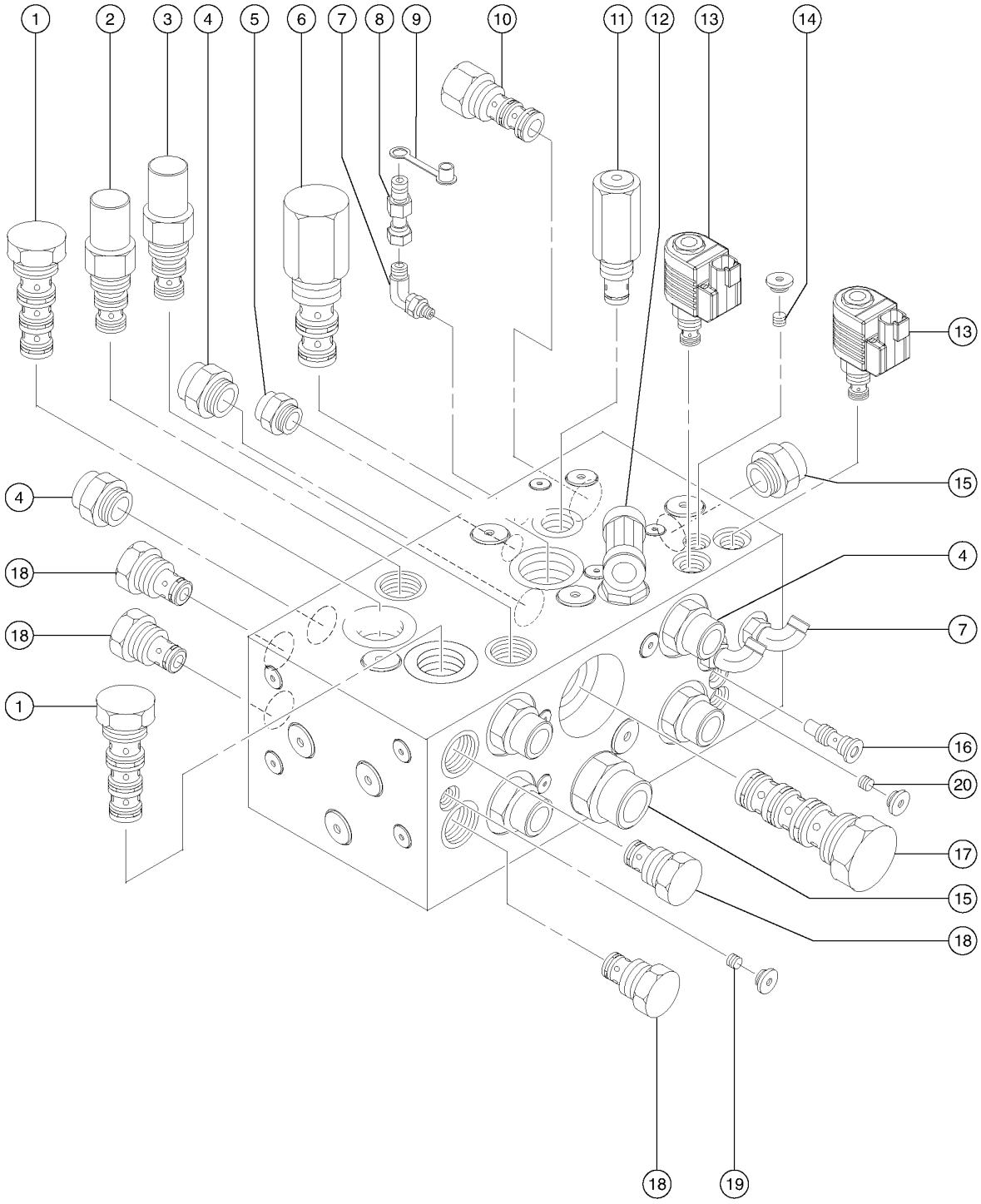
Item	Part No.	Description	Qty.
		Ref. MANIFOLD,4WD TRACT W/O FIT*** (to SN Z452510A-39750 and to SN Z452511B-1606) (replaced by 139391, the old valves are still available, see below)	
	139391GT	MANIFOLD ASSY, Z45/Z51 4WD (replaced 101589) (from SN Z452510A-39751 and from SN Z452511B-1607)	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1A	52726GT	VALVE,FLOW DIVIDER/COMBINER (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	2
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)	2
1B-	139512GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
2A	52723GT	VALVE-FLOW REGULATOR 2 GPM (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 (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)	
4	48933GT	CONN,520120-8***	3
5	48905GT	CONNECTOR, 520120-4	1
6A	52720GT	VALVE-DIRECT. CONTRL-2POS. 2WA (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
6A-	84135GT	SEAL KIT, VALVE (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
6B	139509GT	VALVE, DIRECTION CONTROL, 2X2 (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)	
7	48904GT	ELBOW, 90D, 520220-4	2
8A	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
8B	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	1
9	48880GT	CAP,DIAGNOSTIC NIPPLE	1
10A	54572GT	VALVE (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
10B	139510GT	VALVE, SHUTTLE, 3X3 (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1

702.1 4WD Drive Manifold



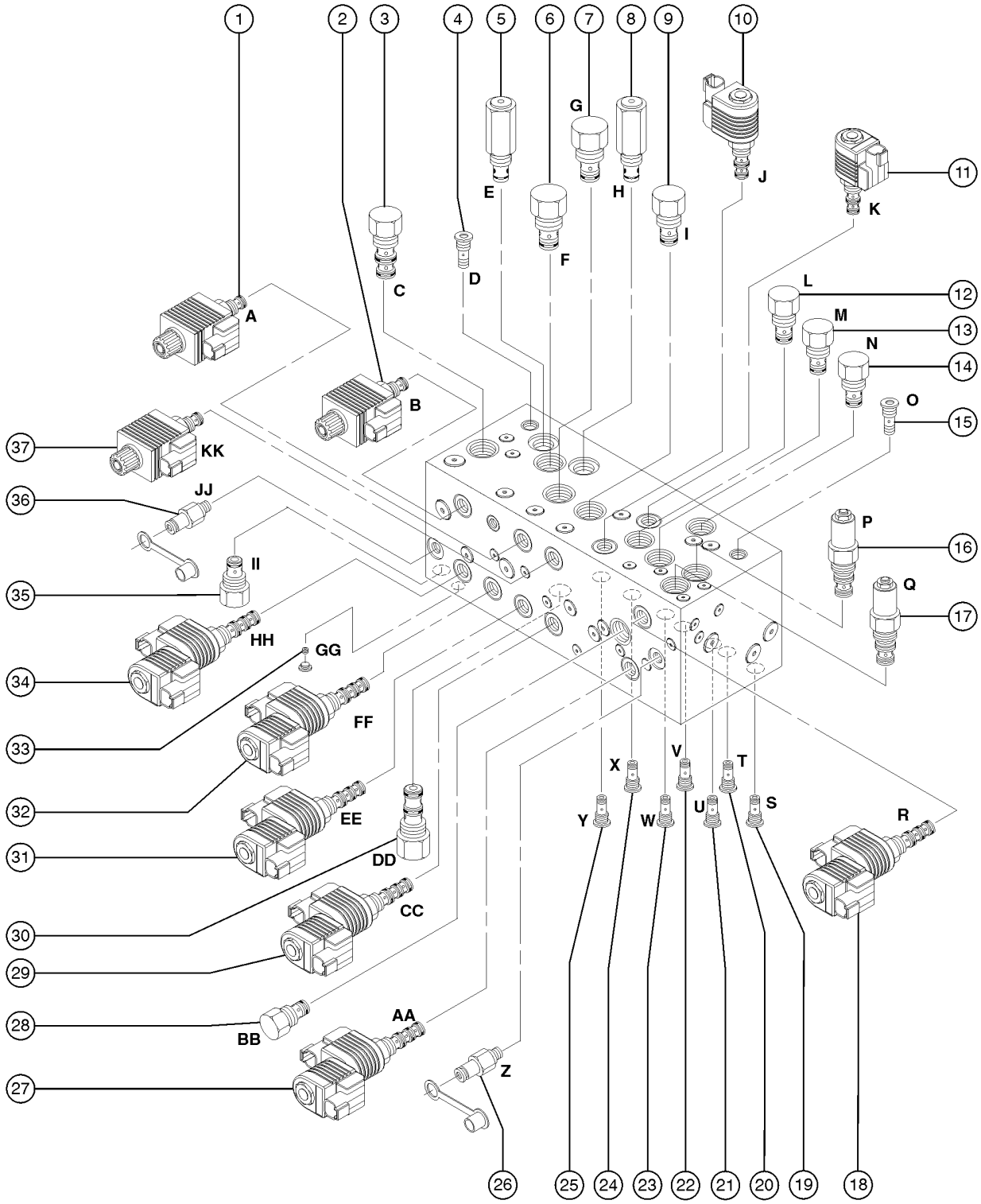
Item	Part No.	Description	Qty.
10B-	139512GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
11A	31406GT	VALVE,RELIEF 250 PSI*** (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
11A-	110194GT	SEAL KIT, VALVE, #10 (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
11B	139516GT	VALVE, RELIEF, 250PSI (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
11B-	139517GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
12	48936GT	TEE,BRANCH,520429-8	1
13A	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	2
13A-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR* (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	2
13A-	52943GT	NUT, SOLENOID VALVE COIL (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	2
13B	139518GT	VALVE, SOLENOID, 2X3, 12V (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	2
13B-	139519GT	COIL, SOLENOID VALVE, 12V 2PIN (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
13B-	139520GT	NUT, SOLENOID VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
13B-	139521GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
14A	52724GT	PLUG,ORIFICE,0.030 (50684) (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
14B	139522GT	ORIFICE, 0.030" (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
15A	48960GT	FITTING,CONN,520120-12*** to SN 22050	2
15B	48948GT	CONN,520120-8-12 from SN 22051	2
16A	43599GT	VALVE,CHECK (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
16A-	110200GT	SEAL KIT, VALVE, #4 (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	
16B	139525GT	VALVE, CHECK (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
16B-	139526GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
17A	33521GT	VALVE,FLOW DIVIDER/COMBINER (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	139511GT	VALVE, FLOW DIVIDE/COMBINE 2:1 (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 (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	3
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)	3

702.1 4WD Drive Manifold



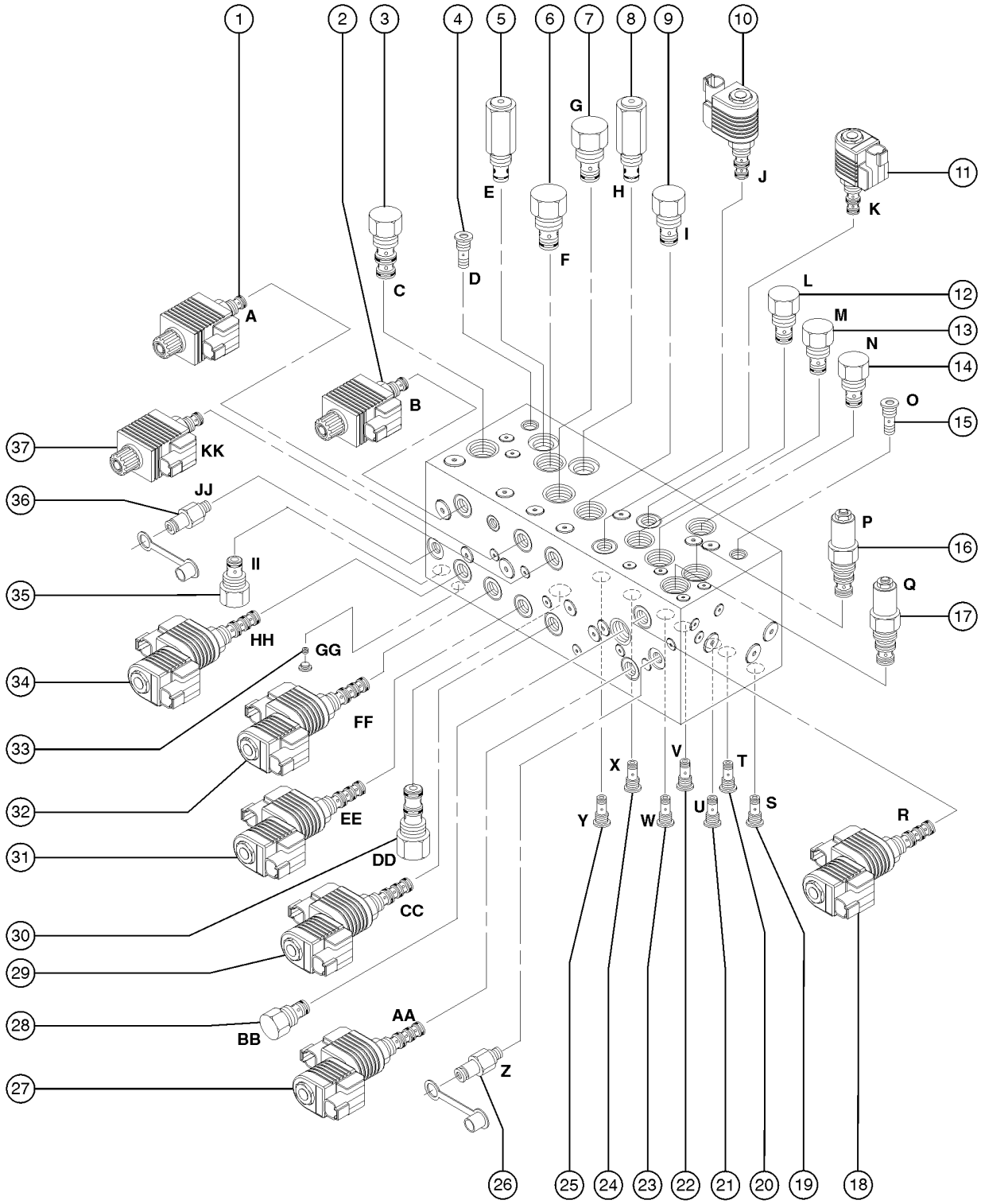
Item	Part No.	Description	Qty.
17B-	139515GT	SEAL KIT, VALVE (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	
19A	65449GT	PLUG,ORIFICE, 0.052 (40033) (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
19B	139524GT	ORIFICE, 0.052" (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1
20A	74990GT	ORIFICE, 0.025"(74129)* (for manifold 101589, to SN Z452510A-39750 and to SN Z452511B-1606)	1
20B	139523GT	ORIFICE, 0.025" (for manifold 139391, from SN Z452510A-39751 and from SN Z452511B-1607)	1

703.1 Function Manifold (to SN 22050)



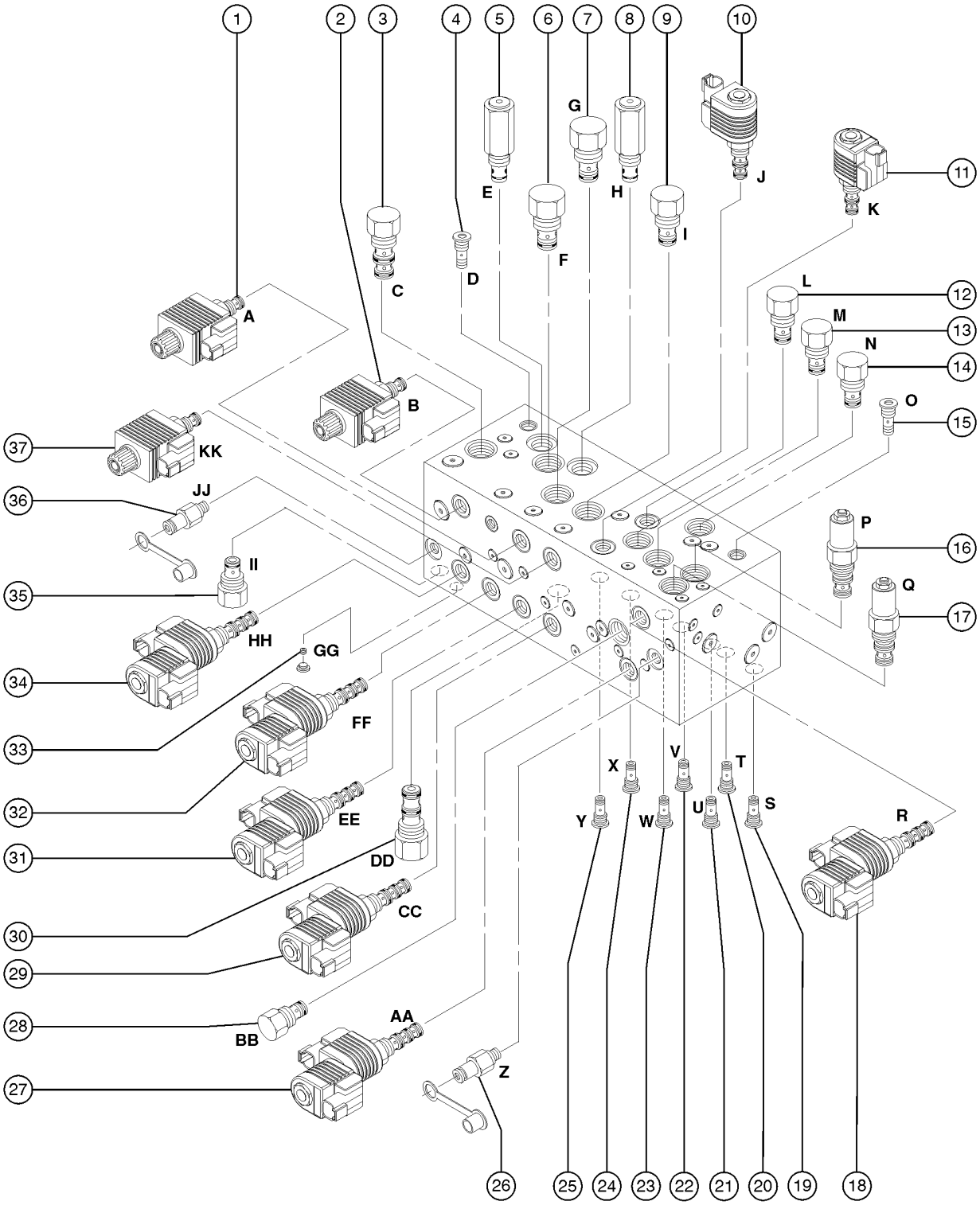
Item	Part No.	Description	Qty.
	88700GT	MANIFOLD,FUNC.IC DEUTSCH***	
1	62255GT	VALVE,PROPORTIONAL*** Turntable rotate left/right	
1-	89312GT	SEAL KIT, SOLENOID VALVE	
1-	52718GT	NUT-VALVE,PROP. SOLENOID-50683	
1-	62274GT	COIL,12V	
2	62255GT	VALVE,PROPORTIONAL*** Secondary Boom up/down	
2-	52718GT	NUT-VALVE,PROP. SOLENOID-50683	
2-	62274GT	COIL,12V	
3	27802GT	VALVE,DIFFERENTIAL SENSING*** Secondary Boom up/down (prevents overflowing the proportional valve)	
4	27807GT	VALVE,CHECK*** Differential sensing circuit, Secondary Boom up/down	
4-	110200GT	SEAL KIT, VALVE, #4	
5	40412GT	VALVE,RELIEF 1400PSI Secondary Boom down	
6	19207GT	VALVE,FLOW REGULATOR Steer left/right circuit	
7	65600GT	VALVE,DIFF SENSING (54490) Turntable rotate left/right (prevents overflowing the proportional valve)	
8	52715GT	VALVE,RELIEF 3200 PSI System relief	
9	27802GT	VALVE,DIFFERENTIAL SENSING*** Primary Boom up/down (prevents overflowing the proportional valve)	
10	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY Primary Boom retract	
10-	45912GT	NUT,SOLENOID VALVE 2P3W	
10-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
11	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY Primary Boom extend	
11-	45912GT	NUT,SOLENOID VALVE 2P3W	
11-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
12	52716GT	VALVE-FLOW REGULATOR 2.0 GPM Primary Boom extend/retract circuit	
13	62258GT	VALVE,NEEDLE*** Platform level circuit	
14	32975GT	VALVE,FLOW REGULATOR 0.1 GPM Bleeds off check valves in differential sensing circuits to tank	
15	89301GT	VALVE,CHECK*** Differential sensing circuit, Platform level down	

703.1 Function Manifold (to SN 22050)



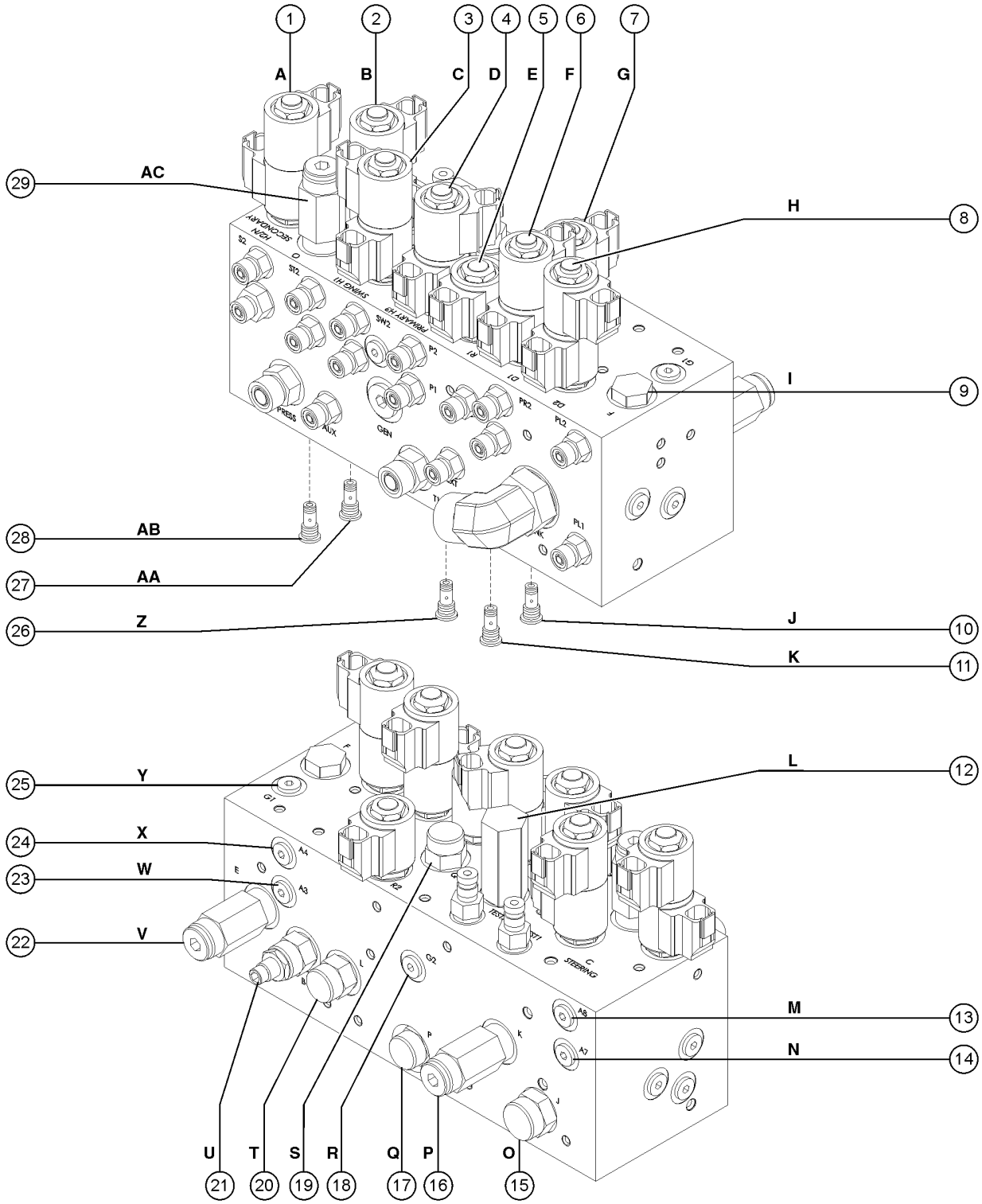
Item	Part No.	Description	Qty.
16	77411GT	VALVE,COUNTERBALANCE Platform level down	
17	77411GT	VALVE,COUNTERBALANCE Platform level up	
18	89307GT	VALVE,SOLENOID 3POS 4WAY* Platform level up/down	
18-	45912GT	NUT,SOLENOID VALVE 2P3W	
18-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
19	27807GT	VALVE,CHECK*** Differential sensing circuit, platfrom level up	
19-	110200GT	SEAL KIT, VALVE, #4	
20	27807GT	VALVE,CHECK*** Differential sensing circuit, Jib Boom up and Platform rotate left	
20-	110200GT	SEAL KIT, VALVE, #4	
21	27807GT	VALVE,CHECK*** Differential sensing circuit, Jib Boom down and Platform rotate right	
21-	110200GT	SEAL KIT, VALVE, #4	
22	27807GT	VALVE,CHECK*** Differential sensing circuit, Primary Boom extend	
22-	110200GT	SEAL KIT, VALVE, #4	
23	27807GT	VALVE,CHECK*** Differential sensing circuit, Primary Boom retract	
23-	110200GT	SEAL KIT, VALVE, #4	
24	27807GT	VALVE,CHECK*** Differential sensing circuit, Primary Boom up/down	
24-	110200GT	SEAL KIT, VALVE, #4	
25	27807GT	VALVE,CHECK*** Differential sensing circuit, Turntable rotate left/right	
25-	110200GT	SEAL KIT, VALVE, #4	
26	48997GT	NIPPLE,DIAGNOSTIC,#4 Testing	
26-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
27	89307GT	VALVE,SOLENOID 3POS 4WAY* Jib Boom up/down and Platform rotate left/right	
27-	45912GT	NUT,SOLENOID VALVE 2P3W	
27-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
28	31100GT	VALVE,FLOW REGULATOR 0.6GPM Jib Boom up/down and Platform rotate left/right	
29	89307GT	VALVE,SOLENOID 3POS 4WAY* Primary Boom up/down	
29-	45912GT	NUT,SOLENOID VALVE 2P3W	
29-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	

703.1 Function Manifold (to SN 22050)



Item	Part No.	Description	Qty.
30	27804GT	VALVE,DIFFERENTIAL SENSING*** ..... Meters flow to functions	
31	89307GT	VALVE,SOLENOID 3POS 4WAY* ..... Turntable rotate left/right	
31-	45912GT	NUT,SOLENOID VALVE 2P3W	
31-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
32	52713GT	VALVE,SOLENOID,3 POS 4 WAY,10V ..... Steer left/right	
32-	45912GT	NUT,SOLENOID VALVE 2P3W	
32-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR* ..... Deutch connector	
32-	43601GT	COIL,SOLENOID VLV,10V W/ DIODE ..... single spade coil	
32-	81403GT	COIL,SOLENOID,8 DSD 10V,W/DIO* ..... dual spade coil	
32-	72047GT	SEAL KIT, SOLENOID VALVE ..... for 52713	
33	77186GT	PLUG,ORIFICE,1.00MM(.039IN) ..... Secondary Boom circuit	
34	89307GT	VALVE,SOLENOID 3POS 4WAY* ..... Secondary Boom up/down	
34-	45912GT	NUT,SOLENOID VALVE 2P3W	
34-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
35	27759GT	VALVE,CHECK ..... Secondary Boom circuit	
36	48997GT	NIPPLE,DIAGNOSTIC,#4 ..... Testing	
36-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
37	62255GT	VALVE,PROPORTIONAL*** ..... Primary Boom up/down	
37-	52718GT	NUT-VALVE,PROP. SOLENOID-50683	
37-	62274GT	COIL,12V	

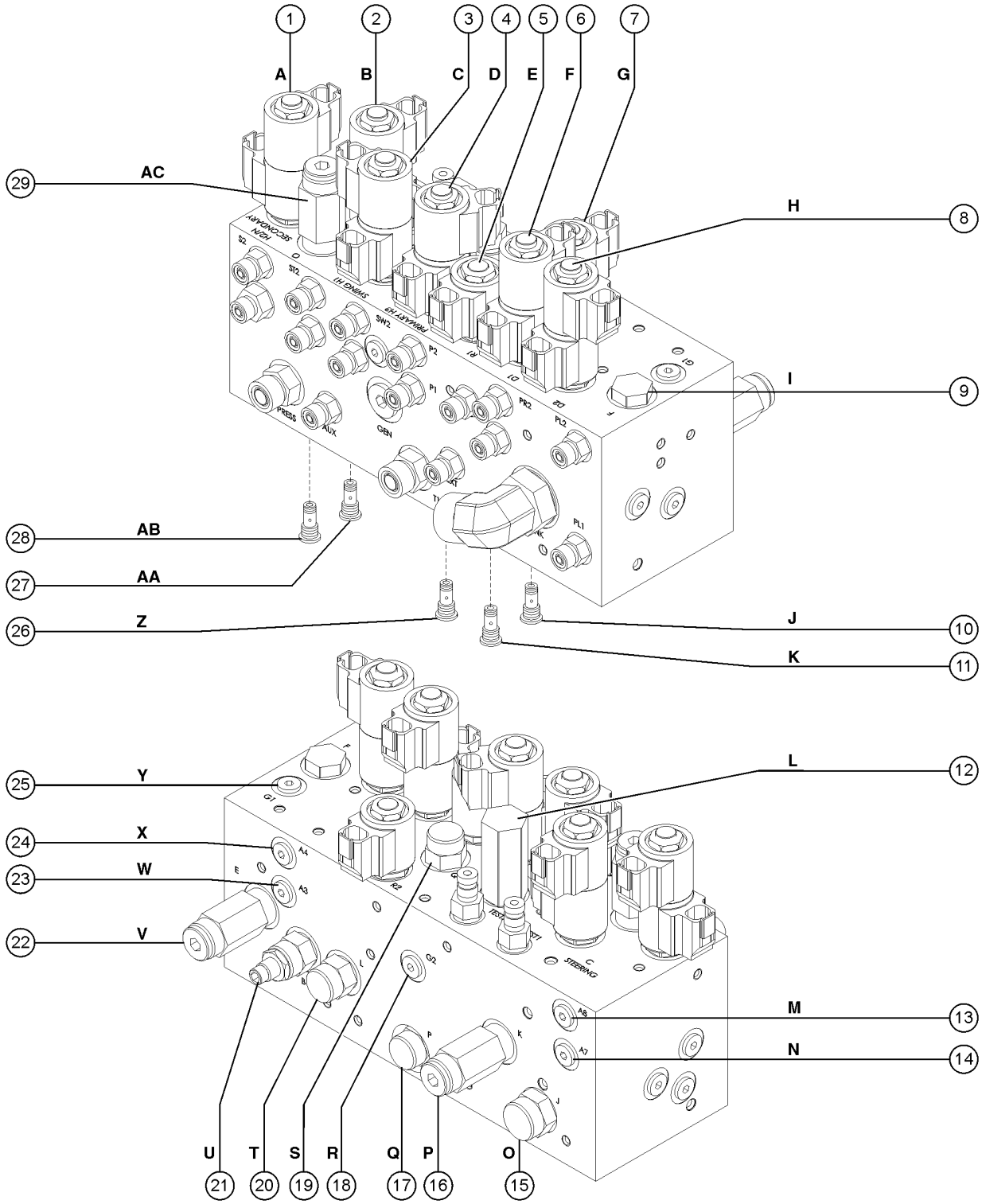
703.2 Function Manifold (from SN 22051)



703.2 Function Manifold (from SN 22051)

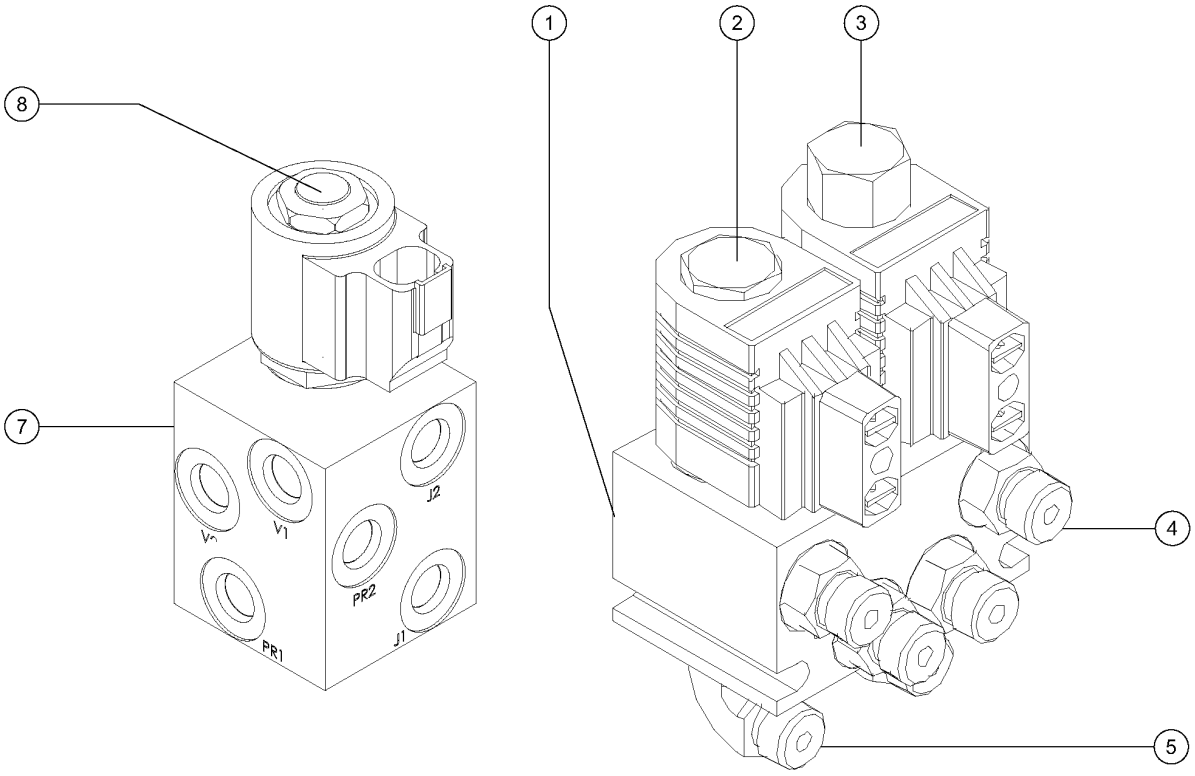
Item	Part No.	Description	Qty.
	88513GT	MANIFOLD,FUNCTION DEUTSCH***	
	129021GT	ORIFICE PLATE,0.037" (in port S1)	
1	94614GT	VALVE,PROP,3 POS,4-WAY*** Secondary Boom up/down, valve with nut and spacer only	1
1A	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
2	44168GT	VALVE,SOLENOID,3POS 4WAY Steer right, valve with nut and space only	1
2A	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
3	94614GT	VALVE,PROP,3 POS,4-WAY*** Turntable rotate left/right, valve with nut and spacer only	1
3A	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
4	94614GT	VALVE,PROP,3 POS,4-WAY*** Primary Boom up/down, valve with nut and spacer only	1
4A	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
5	62815GT	VALVE,SOLENOID,2POS 3 WAY*** Primary Boom retract (does not inlclude a coil)	1
5A	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (not a component of 62815)	
6	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Platform rotate left/right and Jib Boom up/down (Z-45/25J) valve with nut and spacer only	1
6A	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
7	62815GT	VALVE,SOLENOID,2POS 3 WAY*** Primary Boom retract (does not include a coil)	1
7A	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (not a component of 62815)	
8	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Platform level up/down, valve with nut and spacer only	1
8A	89863GT	COIL,10V DC,DEUTCH W/DIODE***	
9	75453GT	VALVE,CHECK,DUAL PILOT*** Platform level circuit	1
10	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Differential sensing circuit, Plaform rotate right and Jib Boom up/down (Z-45/25J0	1
10-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	1
11	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Differential sensing circuit, Plaform rotate left and Jib Boom up/down (Z-45/25J0	1
11-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
12	94616GT	VALVE,DIFF SENSING,160 PSI Meters flow to functions	1
13	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Differential sensing circuit, Secondary Boom down	1
13-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
14	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Differential sensing circuit, Secondary Boom up	1
14-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	

703.2 Function Manifold (from SN 22051)

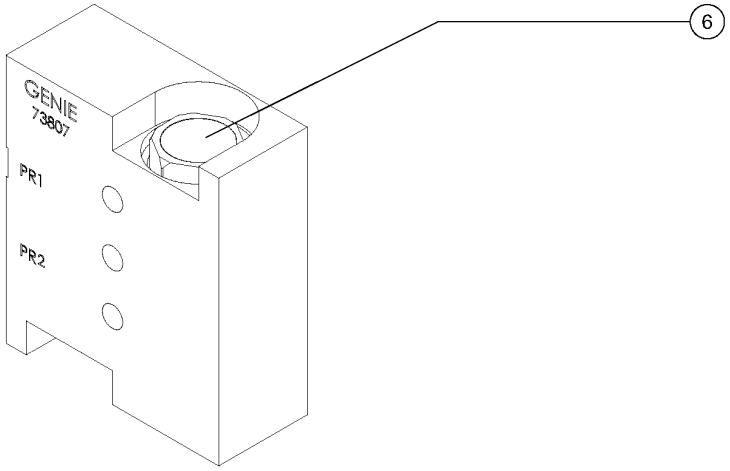


703.2 Function Manifold (from SN 22051)

Item	Part No.	Description	Qty.
15	94617GT	VALVE,PRIO FLOW REG,1.5 GPM Steer circuit	1
16	52906GT	VALVE-RELIEF,3200 PSI System relief	1
17	62324GT	VALVE,FLOW CONTROL, 0.1GPM* Primary Boom load sense circuit	1
17-	44228GT	SEAL KIT, VALVE	
18	44216GT	VALVE,SHUTTLE Primary Boom circuit	1
18-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
19	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* Primary Boom extend/retract circuit	1
19-	44228GT	SEAL KIT, VALVE	
20	94618GT	VALVE,FLOW CONTROL,.4 GPM Jib Boom and Platform rotate circuit	1
21	101055GT	VALVE,NEEDLE,FINE ADJUSTMENT** Platform level flow control	1
22	52376GT	VALVE,RELIEF,3500PSI*** Platform level circuit	1
23	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Differential sensing circuit, Platform level up	1
23-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
24	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Differential sensing circuit, Platform level down	1
24-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
25	44216GT	VALVE,SHUTTLE Platform level circuit	1
25-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
26	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Differential sensing circuit, Primary Boom retract	1
26-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
27	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Differential sensing circuit, Turntable rotate right	1
27-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
28	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Differential sensing circuit, Turntable rotate left	1
28-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
29	101277GT	VALVE,RELIEF,2100 PSI*** Secondary Boom down	1

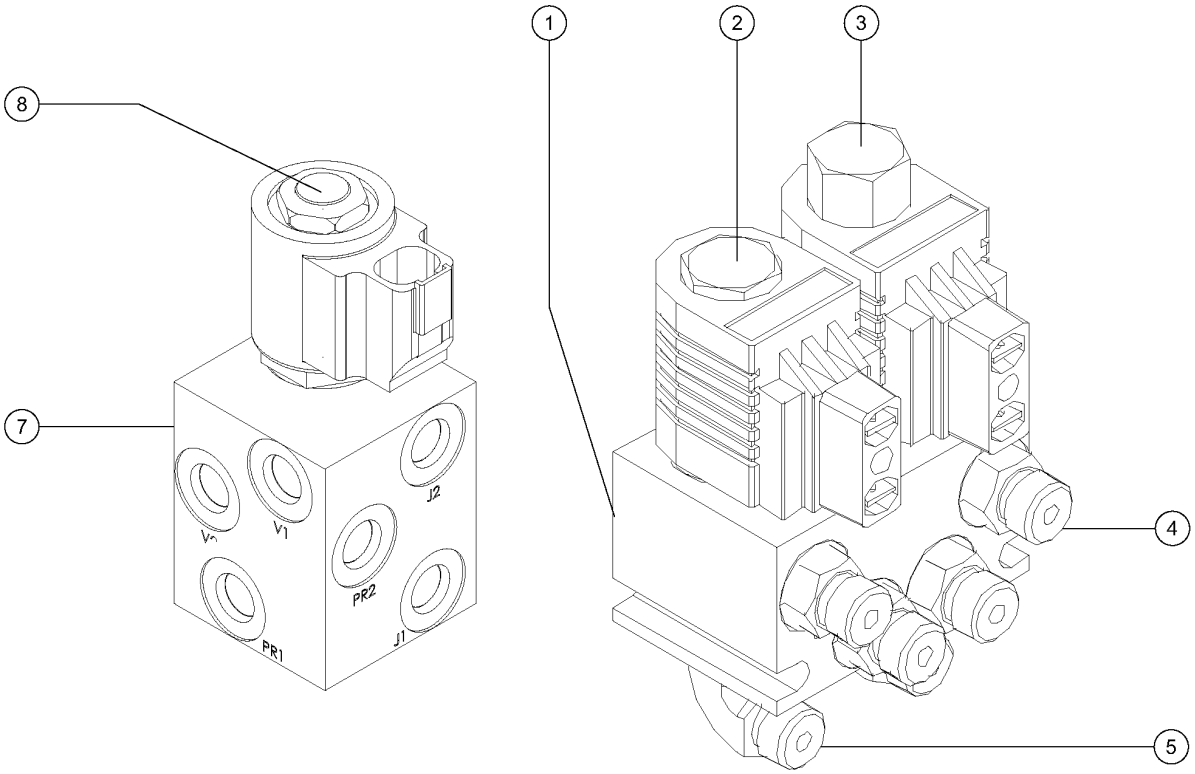


Jib Manifolds

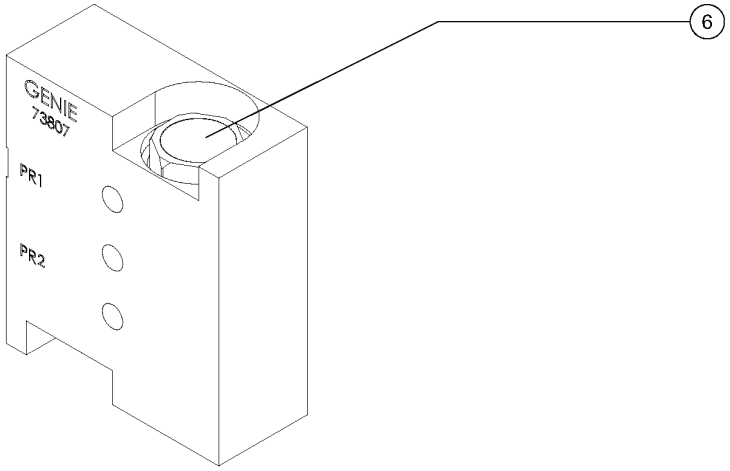


Platform
Rotate Manifold

Item	Part No.	Description	Qty.
	73807GT	MANIFOLD,ROTATOR,CB*** ..... includes item 6	
	62507GT	O-RING, ROTATOR MANIFOLD	
	43018GT	SEAL KIT (39345)	
1	77250GT	MANIFOLD,JIB,ROTATE 10V,W/FIT* ..... includes items 2-5; to SN 22565	1
2	83005GT	VALVE, SOLENOID (73616)-SHORT	1
2	77264GT	COIL,SOLENOID,8 DSD 20V,W/DIOD	1
2	52943GT	NUT, SOLENOID VALVE COIL	1
2	89312GT	SEAL KIT, SOLENOID VALVE	
3	83006GT	VALVE, SOLENOID (73616)-LONG**	1
3	77264GT	COIL,SOLENOID,8 DSD 20V,W/DIOD	1
3	45912GT	NUT,SOLENOID VALVE 2P3W	1
3	89312GT	SEAL KIT, SOLENOID VALVE	
4	48905GT	CONNECTOR, 520120-4	1
5	48904GT	ELBOW, 90D, 520220-4	1
6	62506GT	VALVE - COUNTERBALANCE**	2
6	43018GT	SEAL KIT (39345)	
7A	1256670GT	MANIFOLD,JIB SELECT W/QD PLUG ..... includes item 1, replaced 88786	
7B		MANIFOLD,JIB SELECT W/QD PLUG* (88786) ..... replaced by 1256670	
7-	52897GT	VALVE,SOLENOID, 2POS/3WAY***	
7-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
7-	44174GT	NUT-COIL SHORT	
7-	52371GT	SEAL KIT, VALVE	
8A	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	1
8A-	89864GT	SEAL KIT,SOLENOID VALVE, SV07	
8A-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
8A-	44174GT	NUT-COIL SHORT	
8B	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	1



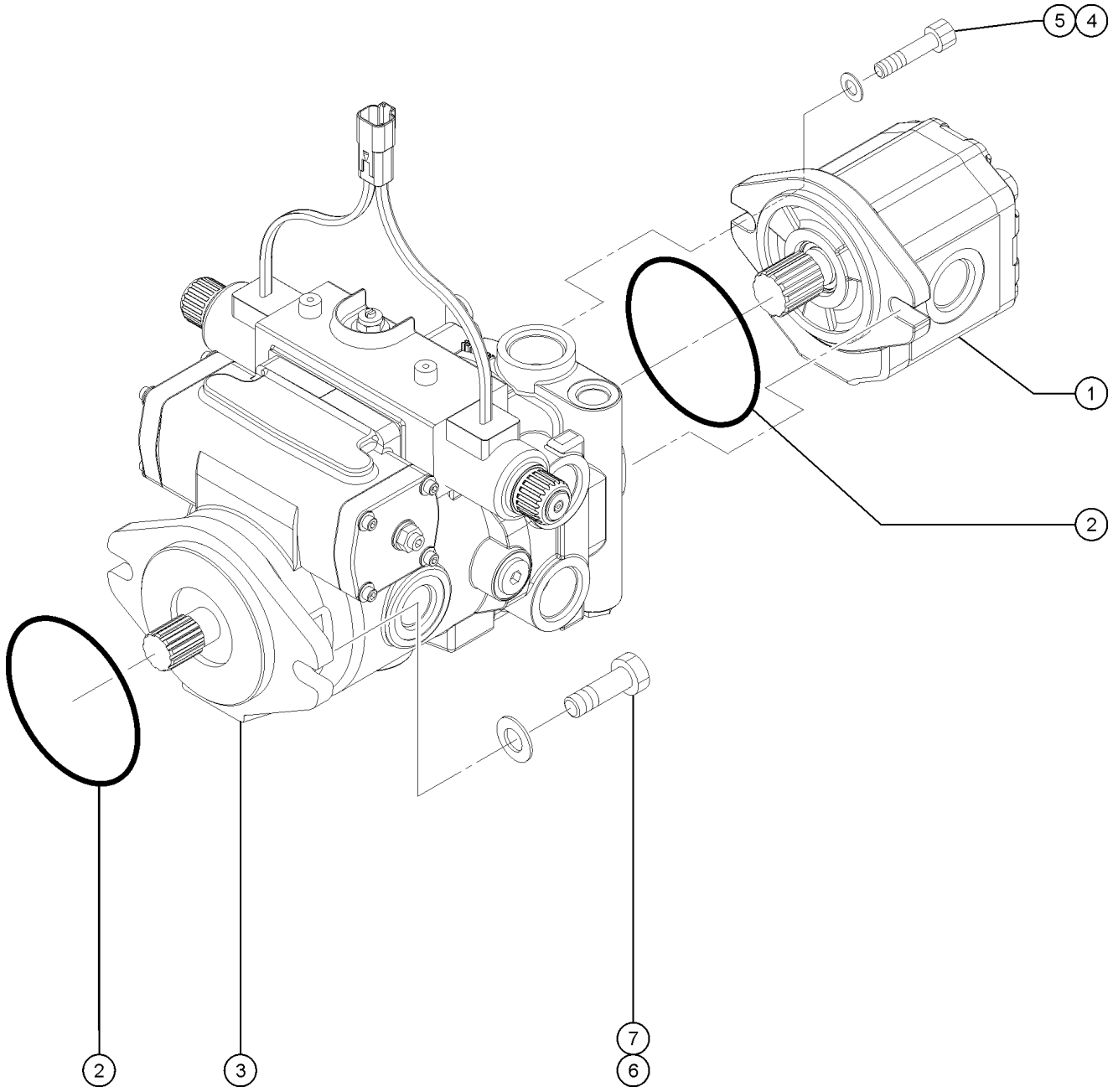
Jib Manifolds



Platform
Rotate Manifold

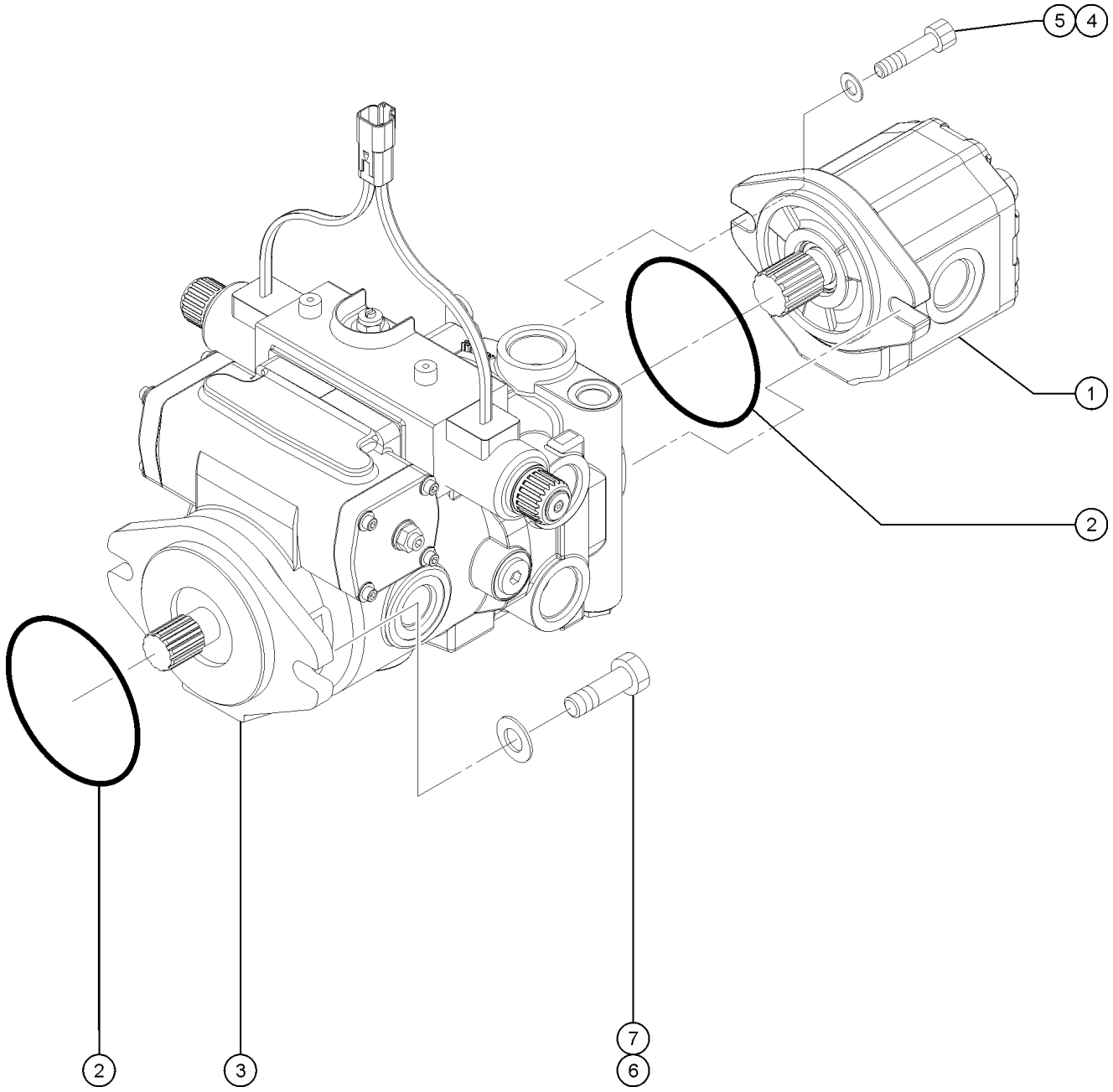
Item	*Part No.*	*Description*	*Qty.*
8B-	52371GT	SEAL KIT, VALVE	
8B-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
8B-	44174GT	NUT-COIL SHORT	

705.1 Pumps

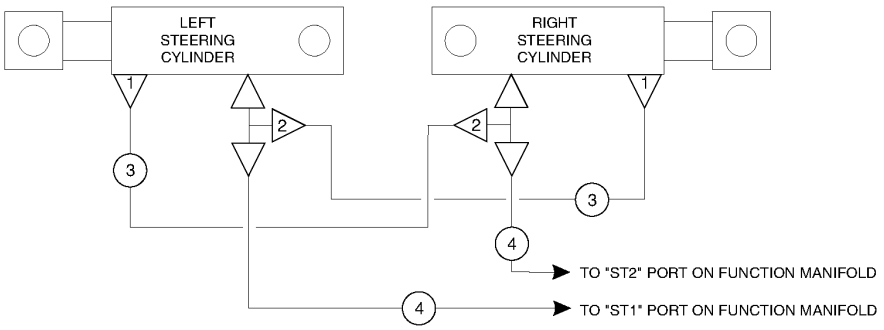


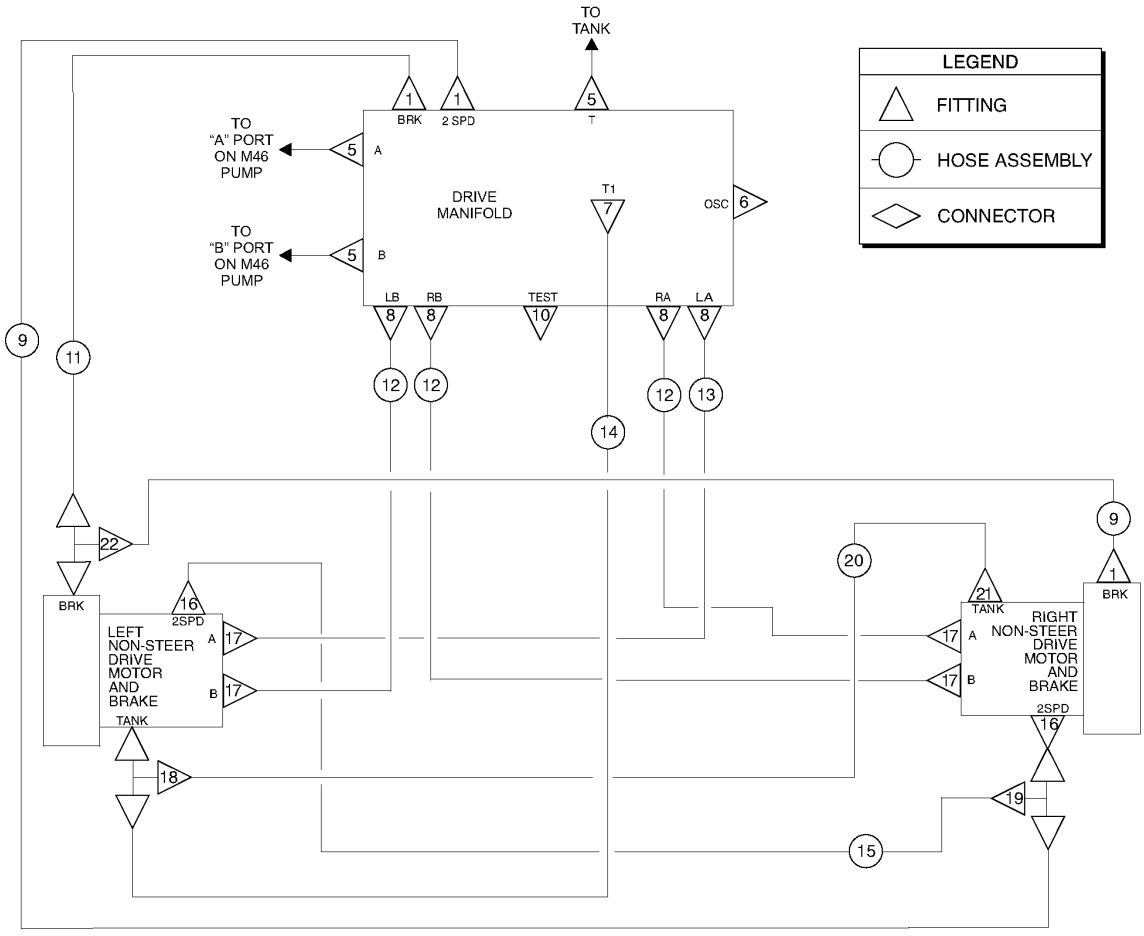
Item	Part No.	Description	Qty.
1A	54222GT	PUMP,PIGGY BACK,.67 C.I.,Z45IC to SN 22050	1
1A-	77990GT	KIT,SEAL,3CC PUMP***	1
1B	81013GT	PUMP,PIGGBACK,11CC,11 TOOTH from SN 22051	1
1B-	81669GT	SEAL KIT,11 TOOTH PUMP***	1
2	43683GT	O-RING,2-042 N674-70***	2
3	77387GT	PUMP,M46/GEAR,2.8/.67 includes items 1 and 2; to SN 22050	1
3A-	54217GT	PUMP,VAR PISTON,Z45 IC	1
3A-	77819GT	EDC ASSY,SAUER M46***	1
3A-	72292GT	O-RING KIT,EDC CONTROLLER	1
3A-	58290GT	VALVE,EDC,PILOT,SAUER,M46***	1
3A-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
3A-	32611GT	SHAFT,M46 15 TOOTH	1
3A-	27067GT	SEAL,SHAFT-SUNDSTRAND***	1
3B	77788GT	PUMP,PISTON,49CC*** from SN 22051	1
3B-	9990420GT	Shaft 15TM X ¾-11TM for Pump p/n 77788GT	
3B-	43683GT	O-RING,2-042 N674-70***	
3B-	58431GT	SEAL KIT,PUMP SHAFT (EATON)*** check pump date code, if after 031505, must also order 107813 qty 1	
3B-	82431GT	HOSE ASM-JCAF310-06-41	
3B-	1286043GT	KIT,SOLENOID REPLACEMENT,EATON (77788) includes two coils	
3B-	1285506GT	SEAL RING,SOLENOID CONTROL (for 1286043GT)	
3B-	101294GT	KIT,CHARGE PUMP	
3B-	106835GT	CONTROLLER W/O COILS (77788) (first time replacement requires 1285505GT)	
3B-	1285505GT	KIT,SOLENOID CONTROL SERVICE	
3B-	106836GT	O-RING,STEM,EATON	
3B-	106837GT	NUT,STEM,EATON***	
3B-	107813GT	SPACER,EATON PUMP SHAFT SEAL** check pump date code, for pumps after 031505	
3B-	107814GT	SEAL,SHAFT,EATON PUMP***	
3B-	107815GT	SNAP RING,PUMP SHAFT SEAL***	

705.1 Pumps

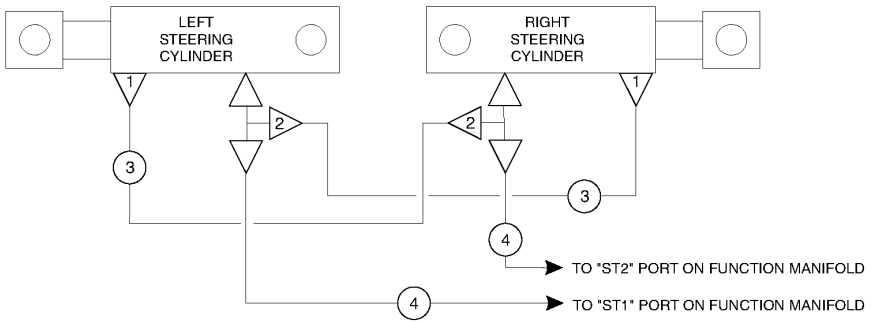


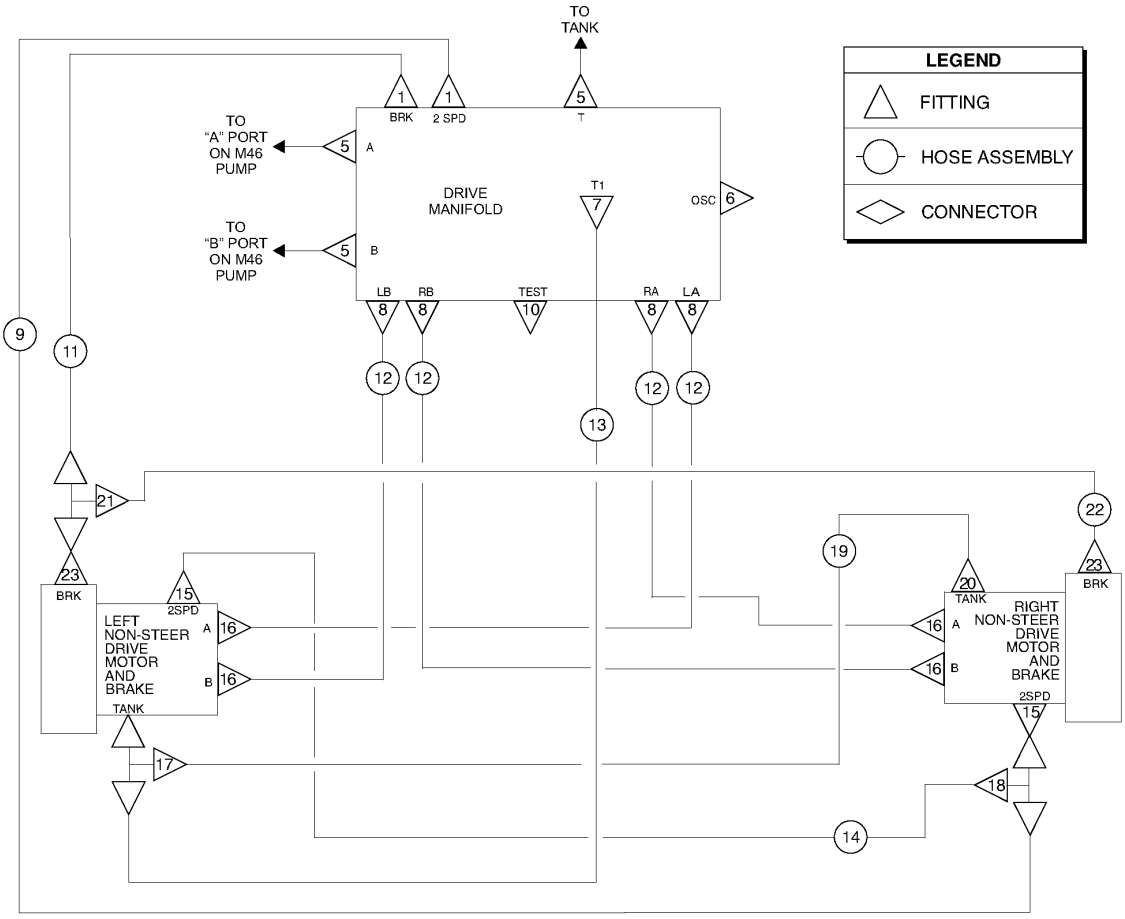
Item	*Part No.*	*Description*	*Qty.*
3B-	107842GT	KIT,PUMP SHAFT SEAL W/INST*** includes PNs 107813, 107814, 107815	
3B-	128423GT	KIT,CHARGE PUMP HOUSING	
3B-	9990606GT	COVER PLATE GASKET (Component of 77788GT) (QTY 2 per pump)	
3B-	9990607GT	WASHER SEAL(Component of 77788GT) (use on Cover Plate)	
3B-	9990608GT	NUT, JAM (Component of 77788GT) (use on Cover Plate)	
4	33988GT	SCREW,SHC,3/8-16 X 1	
5	57201GT	WASHER,FLAT,313, HARDENED	
6	22788GT	SCREW,HHC,1/2-13 X 1.75	
7	13066GT	WASHER,FLAT,.5 HARDENED	


LEFT
STEERING
CYLINDER
RIGHT
STEERING
CYLINDER
1
2
3
4
TO "ST2" PORT ON FUNCTION MANIFOLD
TO "ST1" PORT ON FUNCTION MANIFOLD

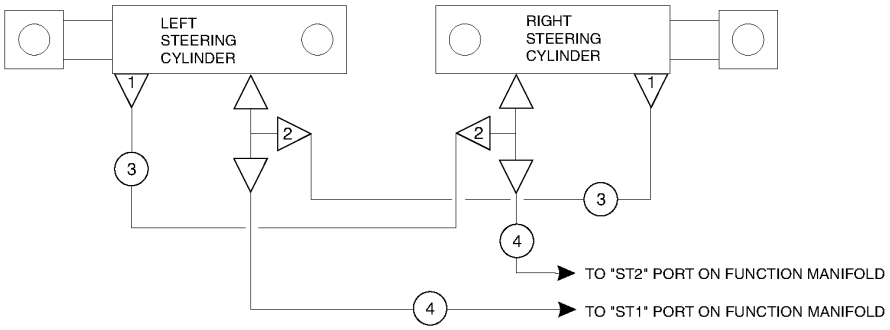

TO
TANK
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
TO
"A" PORT
ON M46
PUMP
TO
"B" PORT
ON M46
PUMP
DRIVE
MANIFOLD
BRK
2 SPD
T
T1
OSC
LB
RB
TEST
RA
LA
LEFT
NON-STEER
DRIVE
MOTOR
AND
BRAKE
TANK
2SPD
RIGHT
NON-STEER
DRIVE
MOTOR
AND
BRAKE

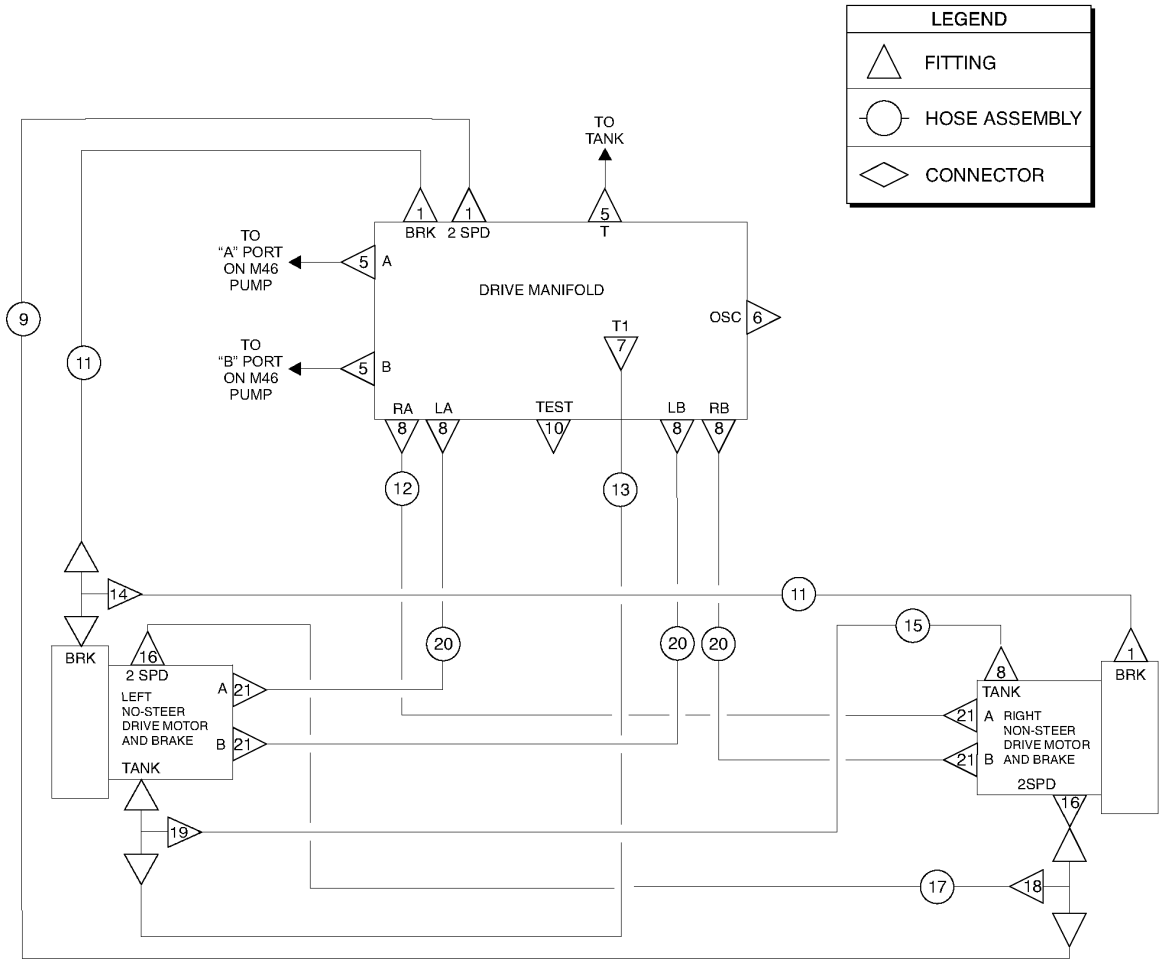
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS* to SN 24689	
	49612GT	O-RING KIT (ORFS FITTINGS) to SN 24689	
1	48904GT	ELBOW, 90D, 520220-4 to SN 24689	5
2	48906GT	TEE,RUN,520428-4 to SN 24689	2
3	49119-3078GT	HOSE ASSY 1/4, STR FEM,STR FEM to SN 24689	2
4	49117-14391GT	HOSE ASSY,1/4,90 FEM,STR FEM to SN 24689	2
5	48960GT	FITTING,CONN,520120-12*** to SN 24689	3
6	49859GT	PLUG,HEX,090109A-4 non-oscillating models; to SN 24689	1
6	48904GT	ELBOW, 90D, 520220-4 oscillating models; to SN 24689	1
7	48932GT	FITTING,ELBOW,90D,520220-8*** to SN 24689	1
8	48933GT	CONN,520120-8*** to SN 24689	4
9	49117-5891GT	HOSE ASSY,1/4,90 FEM,STR FEM to SN 24689	2
10	48907GT	ELBOW,45D,520320-4 to SN 24689	1
11	49117-5091GT	HOSE ASSY,1/4,90 FEM,STR FEM to SN 24689	1
12	49110-3392GT	HOSE ASSEMBLY-1/2" 100R2 to SN 24689	3
13	49107-3863GT	HOSE ASSY,DMANIF/LR DRV MOTOR to SN 24689	1
14	49143-3729GT	HOSE ASSY,1/2,90 FEM,STR FEM to SN 24689	1
15	49117-4391GT	HOSE ASSY,1/4,90 FEM,STR FEM to SN 24689	1
16	48912GT	CONN,520120-4-6*** to SN 24689	2
17	48948GT	CONN,520120-8-12 to SN 24689	4
18	48935GT	TEE,RUN, 520428-8 to SN 24689	1
19	48891GT	FITTING,TEE,BRANCH,520433-4 to SN 24689	1
20	49183-4092GT	HOSE ASSY,1/2,STR FEM,STR FEM non-oscillating models; to SN 24689	1
20	49143-4229GT	HOSE ASSY,1/2,90 FEM,STR FEM oscillate models; to SN 24688	1
21	48933GT	CONN,520120-8*** non-oscillating models; to SN 24689	1
21	48935GT	TEE,RUN, 520428-8 oscillating models; to SN 24689	1
22	48890GT	FITTING,TEE,BRANCH,520429-4*** to SN 24689	1


LEFT
STEERING
CYLINDER
RIGHT
STEERING
CYLINDER
TO "ST2" PORT ON FUNCTION MANIFOLD
TO "ST1" PORT ON FUNCTION MANIFOLD


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

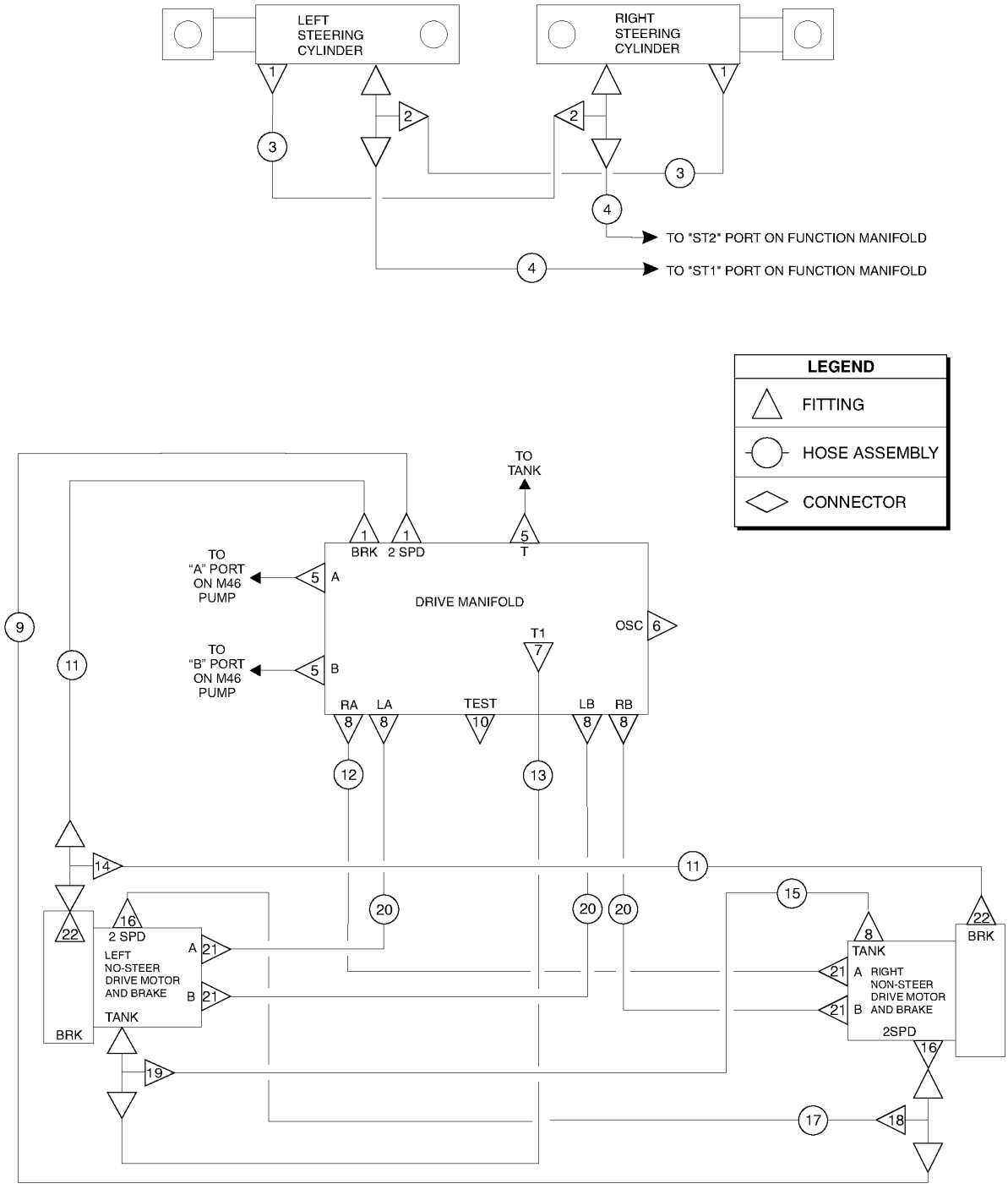
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS* from SN 24690	
	49612GT	O-RING KIT (ORFS FITTINGS) from SN 24690	
1	48904GT	ELBOW, 90D, 520220-4 from SN 24690	4
2	48906GT	TEE,RUN,520428-4 from SN 24690	2
3	49119-3078GT	HOSE ASSY 1/4, STR FEM,STR FEM from SN 24690	2
4	49117-14391GT	HOSE ASSY,1/4,90 FEM,STR FEM from SN 24690	2
5	48960GT	FITTING,CONN,520120-12*** from SN 24690	3
6	49859GT	PLUG,HEX,090109A-4 non-oscillating models; from SN 24690	1
6	48904GT	ELBOW, 90D, 520220-4 oscillating models; from SN 24690	1
7	48932GT	FITTING,ELBOW,90D,520220-8*** from SN 24690	1
8	48933GT	CONN,520120-8*** from SN 24690	4
9	49117-6091GT	HOSE ASSY,1/4,90 FEM,STR FEM** from SN 24690	1
10	48907GT	ELBOW,45D,520320-4 from SN 24690	1
11	49117-5091GT	HOSE ASSY,1/4,90 FEM,STR FEM from SN 24690	1
12	81812-3992GT	HOSE ASSY,1/2,STR FEM,STR FEM from SN 24690	4
13	94464-4986GT	HOSE ASSY,1/2"*** from SN 24690	1
14	49117-5091GT	HOSE ASSY,1/4,90 FEM,STR FEM from SN 24690	1
15	48911GT	ELBOW,90D,520220-4-6*** from SN 24690	2
16	48947GT	ELBOW,90D,520220-8-12 from SN 24690	4
17	48936GT	TEE,BRANCH,520429-8 from SN 24690	1
18	48891GT	FITTING,TEE,BRANCH,520433-4 from SN 24690	1
19	94464-6286GT	HOSE ASSY,1/2,STR FEM,STR FEM from SN 24690	1
20	48936GT	TEE,BRANCH,520429-8 from SN 24690	1
21	48908GT	FITTING,TEE,RUN,SWIVEL520432-4 from SN 24690	1
22	49119-5378GT	HOSE ASSY,1/4,STR FEM,STR FEM* from SN 24690	1
23	48905GT	CONNECTOR, 520120-4 from SN 24690	2


LEFT
STEERING
CYLINDER
RIGHT
STEERING
CYLINDER
1
2
3
4
TO "ST2" PORT ON FUNCTION MANIFOLD
TO "ST1" PORT ON FUNCTION MANIFOLD

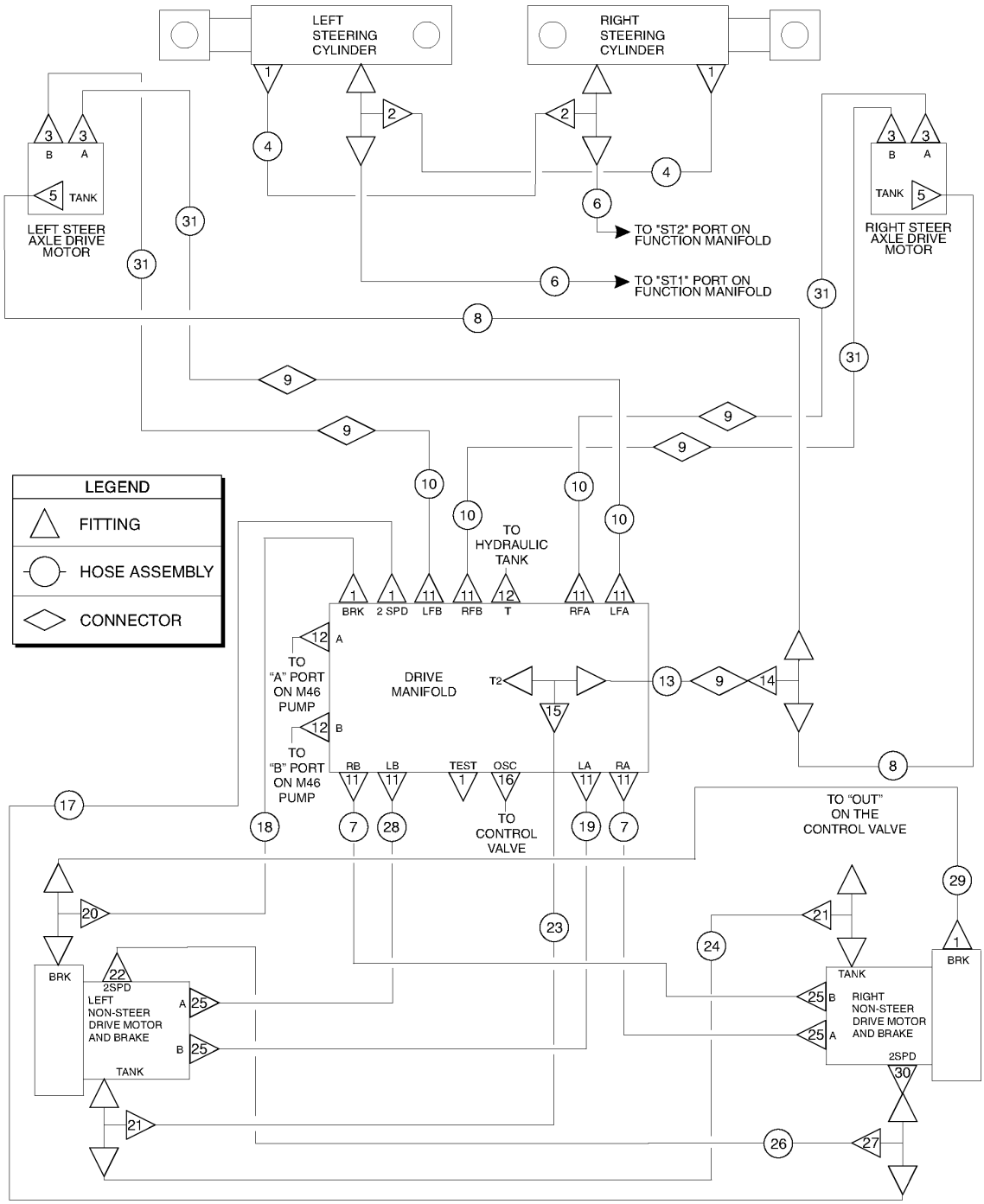

LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
TO
TANK
BRK
2 SPD
T
TO
"A" PORT
ON M46
PUMP
A
DRIVE MANIFOLD
OSC
6
T1
7
TO
"B" PORT
ON M46
PUMP
B
RA
LA
TEST
LB
RB
8
10
9
11
12
13
14
BRK
16
2 SPD
LEFT
NO-STEER
DRIVE MOTOR
AND BRAKE
TANK
21
20
15
TANK
RIGHT
NON-STEER
DRIVE MOTOR
AND BRAKE
2SPD
19
17
18

Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS* to SN 24689	
	49612GT	O-RING KIT (ORFS FITTINGS) to SN 24689	
1	48904GT	ELBOW, 90D, 520220-4 to SN 24689	5
2	48906GT	TEE,RUN,520428-4 to SN 24689	2
3	49119-2078GT	HOSE ASSY,1/4,STR FEM,STR FEM* to SN 24689	1
4	49117-11091GT	HOSE ASSY,1/4,90 FEM,STR FEM to SN 24689	1
5	48960GT	FITTING,CONN,520120-12*** to SN 24689	3
6	49859GT	PLUG,HEX,090109A-4 to SN 24689	1
7	48932GT	FITTING,ELBOW,90D,520220-8*** to SN 24689	1
8	48933GT	CONN,520120-8*** to SN 24689	5
9	49117-5191GT	HOSE ASSY,1/4,90 FEM,STR FEM** to SN 24689	1
10	48907GT	ELBOW,45D,520320-4 to SN 24689	1
11	49117-4291GT	HOSE ASSY,1/4,90 FEM,STR FEM to SN 24689	2
12	49107-3063GT	HOSE ASSY,DMANIF/LR&RR BRAKE to SN 24689	1
13	49143-3029GT	HOSE, ASSY, HYD, 1/2, 300, STR, 90 to SN 24689	1
14	48890GT	FITTING,TEE,BRANCH,520429-4*** to SN 24689	1
15	49183-2692GT	HOSE ASSY,1/2,STR FEM,STR FEM* to SN 24689	1
16	48912GT	CONN,520120-4-6*** to SN 24689	2
17	49117-2591GT	HOSE ASSY,1/4,90 FEM,STR FEM** to SN 24689	1
18	48891GT	FITTING,TEE,BRANCH,520433-4 to SN 24689	1
19	48935GT	TEE,RUN, 520428-8 to SN 24689	1
20	49110-2992GT	HOSE ASSY,DMANIF/LR&RR DMOTOR to SN 24689	3
21	48948GT	CONN,520120-8-12 to SN 24689	4

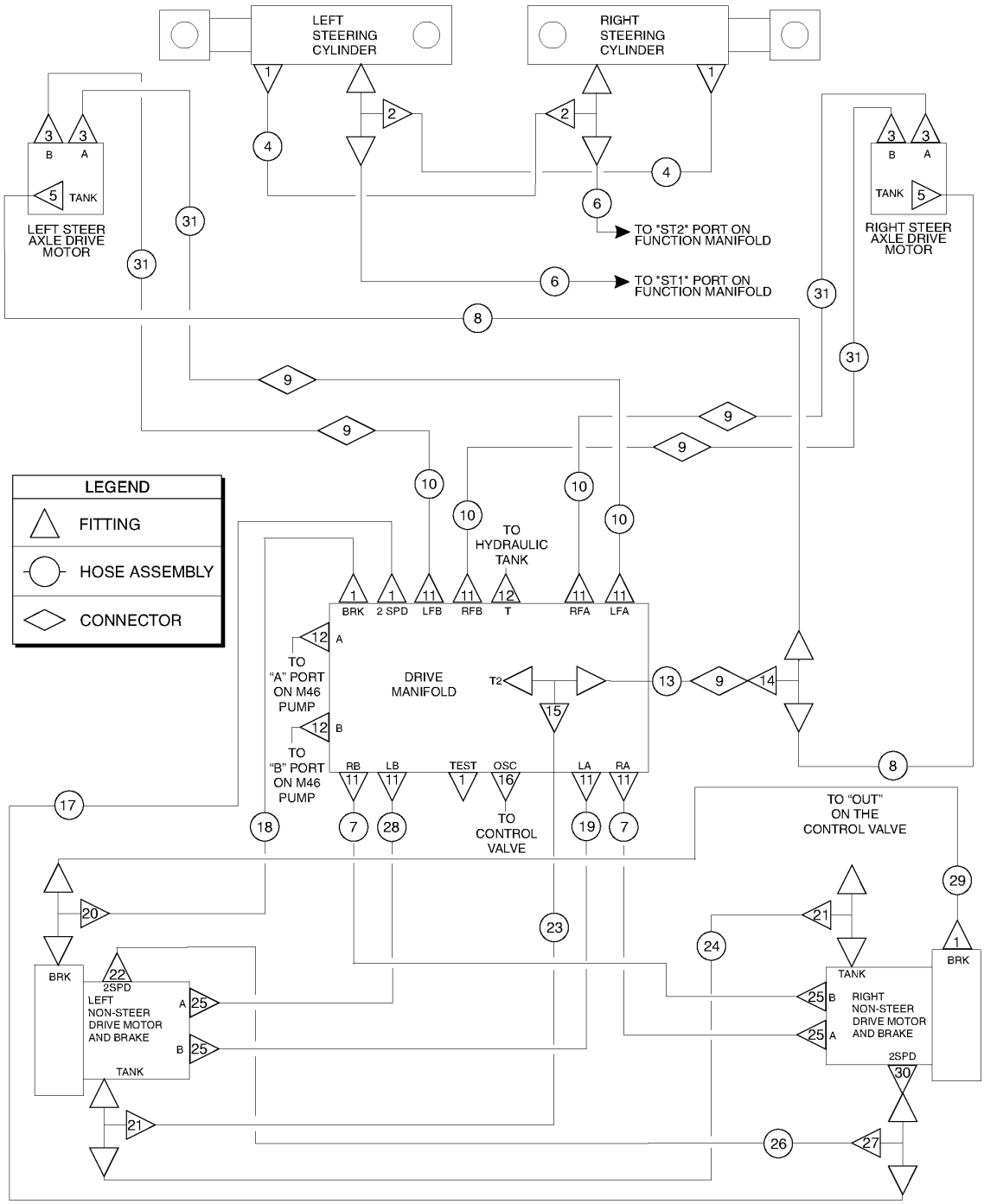
802.2 2WD Drive and Steer - Narrow Models (from SN 24690)



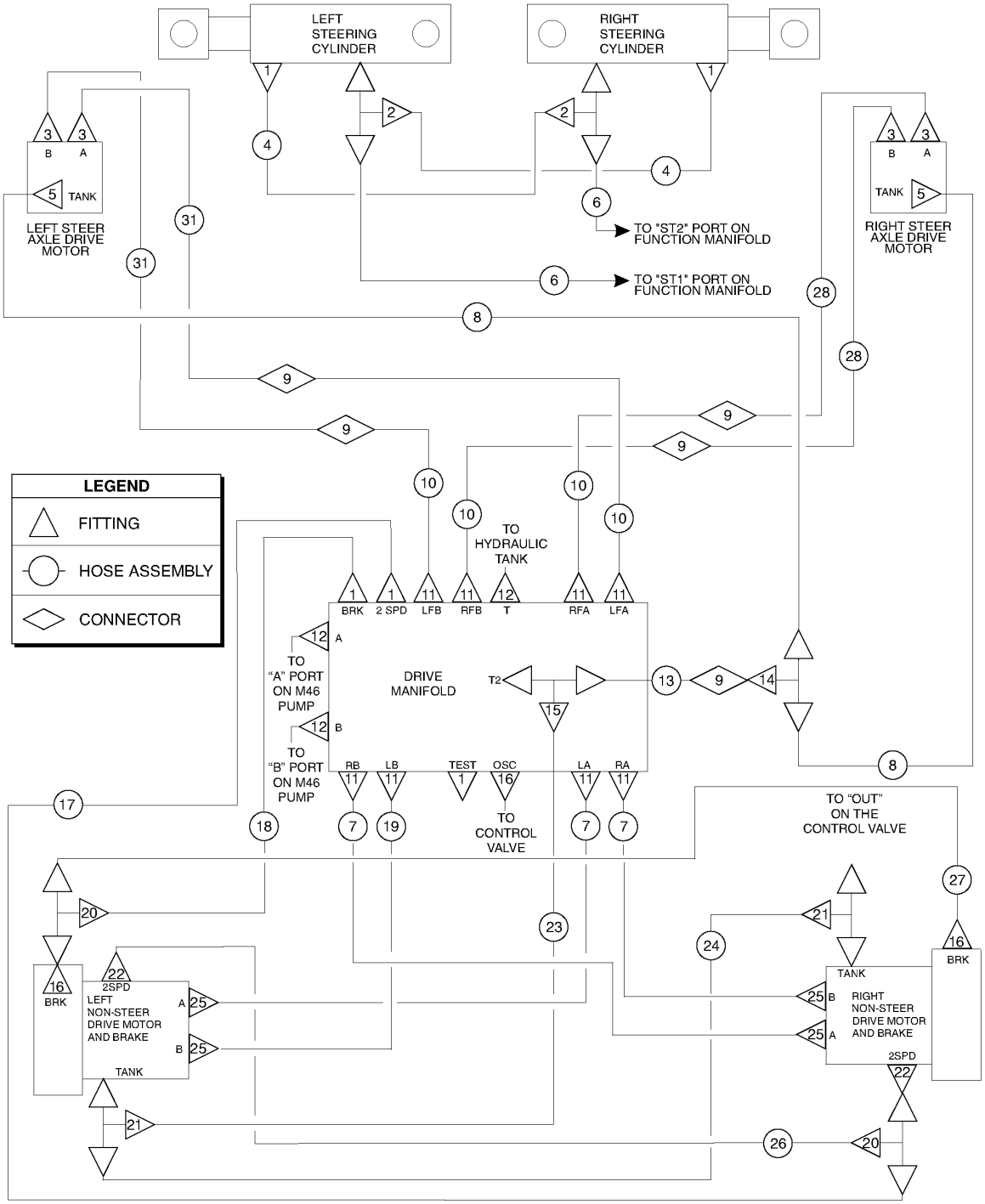
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS* from SN 24690	
	49612GT	O-RING KIT (ORFS FITTINGS) from SN 24690	
1	48904GT	ELBOW, 90D, 520220-4 from SN 24690	4
2	48906GT	TEE,RUN,520428-4 from SN 24690	2
3	49119-2078GT	HOSE ASSY,1/4,STR FEM,STR FEM* from SN 24690	1
4	49117-11091GT	HOSE ASSY,1/4,90 FEM,STR FEM from SN 24690	1
5	48960GT	FITTING,CONN,520120-12*** from SN 24690	3
6	49859GT	PLUG,HEX,090109A-4 from SN 24690	1
7	48932GT	FITTING,ELBOW,90D,520220-8*** from SN 24690	1
8	48933GT	CONN,520120-8*** from SN 24690	5
9	49117-5291GT	HOSE ASSY,1/4,90 FEM,STR FEM from SN 24690	1
10	48907GT	ELBOW,45D,520320-4 from SN 24690	1
11	49119-3778GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN 24690	2
12	81812-3592GT	HOSE ASSY,1/2,STR FEM,STR FEM from SN 24690	1
13	94464-4386GT	HOSE ASSY,1/2" from SN 24690	1
14	48908GT	FITTING,TEE,RUN,SWIVEL520432-4 from SN 24690	1
15	94464-4886GT	HOSE ASSY,1/2 STR FEM,STR FEM from SN 24690	1
16	48912GT	CONN,520120-4-6*** from SN 24690	2
17	49117-3291GT	HOSE ASSY,1/4,90 FEM,STR FEM** from SN 24690	1
18	48891GT	FITTING,TEE,BRANCH,520433-4 from SN 24690	1
19	48936GT	TEE,BRANCH,520429-8 from SN 24690	1
20	81812-3592GT	HOSE ASSY,1/2,STR FEM,STR FEM from SN 24690	3
21	48947GT	ELBOW,90D,520220-8-12 from SN 24690	4
22	48905GT	CONNECTOR, 520120-4 from SN 24690	2


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
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
TO HYDRAULIC TANK
BRK
2 SPD
LFB
RFB
T
RFA
LFA
TO "A" PORT ON M46 PUMP
DRIVE MANIFOLD
T2
TO "B" PORT ON M46 PUMP
RB
LB
TEST
OSC
LA
RA
TO CONTROL VALVE
TO "OUT" ON THE CONTROL VALVE
2SPD
LEFT NON-STEER DRIVE MOTOR AND BRAKE
RIGHT NON-STEER DRIVE MOTOR AND BRAKE

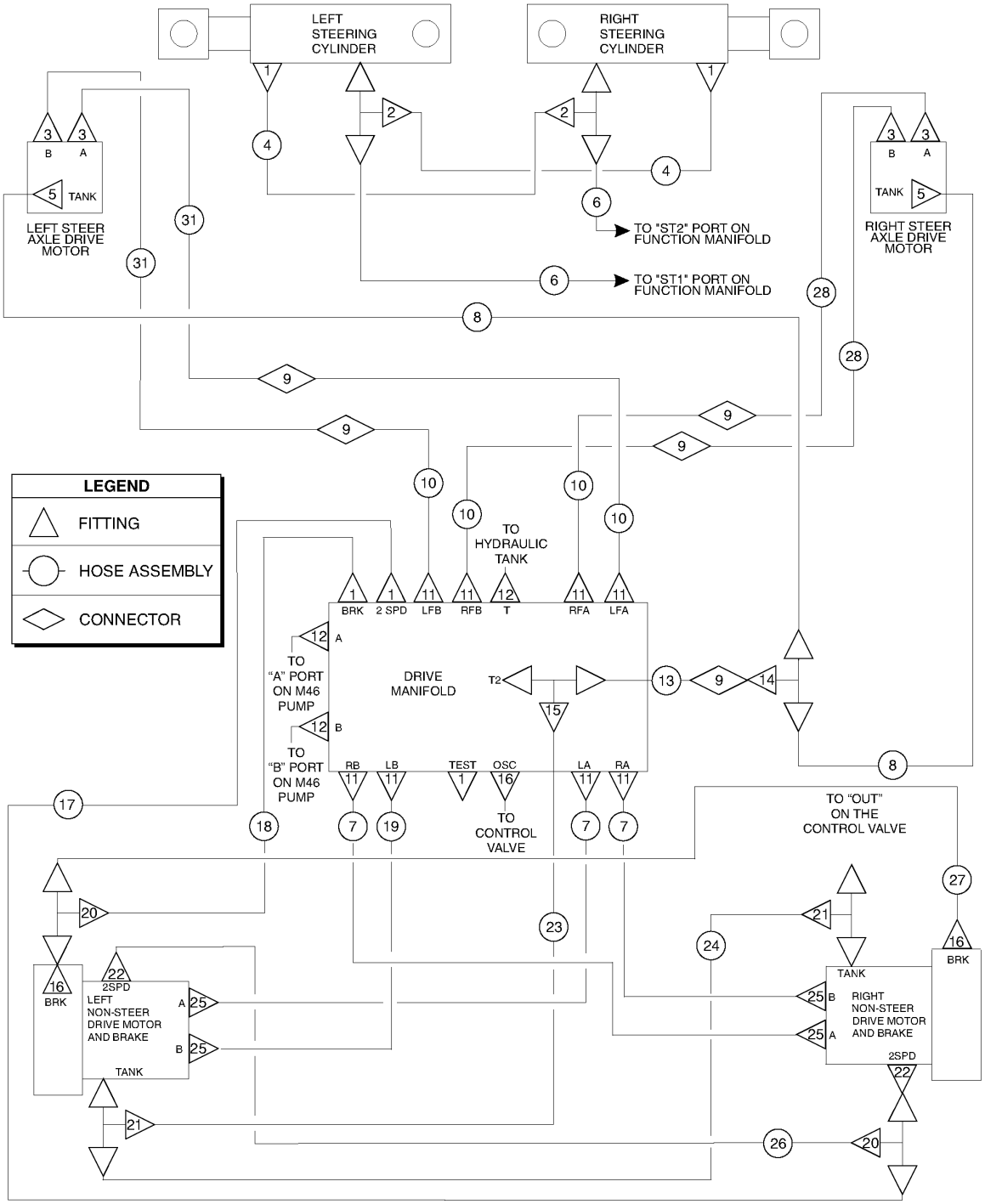
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS* to SN 23811	
	49612GT	O-RING KIT (ORFS FITTINGS) to SN 23811	
1	48904GT	ELBOW, 90D, 520220-4 to SN 23811	3
2	48906GT	TEE,RUN,520428-4 to SN 23811	2
3	48946GT	CONN,520120-8-10 to SN 23811	4
4	49119-3078GT	HOSE ASSY 1/4, STR FEM,STR FEM to SN 23811	2
5	48930GT	CONN,520120-6-8 to SN 23811	2
6	49117-14391GT	HOSE ASSY,1/4,90 FEM,STR FEM to SN 23811	2
7	49107-3463GT	HOSE ASSY,DMANIF/LR&RR BRAKE to SN 23811	2
8	49133-5140GT	HOSE ASSY,T FITTING/DRIVEMOTOR to SN 23811	2
9	77309GT	NUT,BULKHEAD,520118-8 to SN 23811	5
10	81812-7628GT	ASSY,HOSE,HYD,-8,4250,STR,STR to SN 23811	4
11	48933GT	CONN,520120-8*** to SN 23811	8
12	48948GT	CONN,520120-8-12 to SN 23811	3
13	77311-5906GT	HOSE ASSY,BRKT./D.MANIFOLD to SN 23811	1
14	48939GT	TEE,BRANCH,520433-8 to SN 23811	1
15	48936GT	TEE,BRANCH,520429-8 to SN 23811	1
16	48905GT	CONNECTOR, 520120-4 to SN 23811	1
17	49117-5891GT	HOSE ASSY,1/4,90 FEM,STR FEM to SN 23811	1
18	49117-5091GT	HOSE ASSY,1/4,90 FEM,STR FEM to SN 23811	1
19	49107-3863GT	HOSE ASSY,DMANIF/LR DRV MOTOR to SN 23811	1
20	48890GT	FITTING,TEE,BRANCH,520429-4*** to SN 23811	1
21	48935GT	TEE,RUN, 520428-8 to SN 23811	2
22	48912GT	CONN,520120-4-6*** to SN 23811	1
23	49143-3729GT	HOSE ASSY,1/2,90 FEM,STR FEM to SN 23811	1
24	49143-4229GT	HOSE ASSY,1/2,90 FEM,STR FEM oscillate models; to SN 23811	1
24	49183-4092GT	HOSE ASSY,1/2,STR FEM,STR FEM non-oscillate models; to SN 23811	1
25	48948GT	CONN,520120-8-12 to SN 23811	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
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
TO HYDRAULIC TANK
BRK
2 SPD
LFB
RFB
T
RFA
LFA
TO "A" PORT ON M46 PUMP
DRIVE MANIFOLD
T2
TO "B" PORT ON M46 PUMP
RB
LB
TEST
OSC
LA
RA
TO CONTROL VALVE
TO "OUT" ON THE CONTROL VALVE
2SPD
LEFT NON-STEER DRIVE MOTOR AND BRAKE
RIGHT NON-STEER DRIVE MOTOR AND BRAKE

Item	*Part No.*	*Description*	*Qty.*
26	49117-4391GT	HOSE ASSY,1/4,90 FEM,STR FEM to SN 23811	1
27	48891GT	FITTING,TEE,BRANCH,520433-4 to SN 23811	1
28	49110-3392GT	HOSE ASSEMBLY-1/2" 100R2 to SN 23811	1
29	49117-5891GT	HOSE ASSY,1/4,90 FEM,STR FEM to SN 23811	1
30	48912GT	CONN,520120-4-6*** to SN 23811	1
31	77312-3577GT	HOSE ASSY,DMANIF/LR&RR BRAKE to SN 23811	4

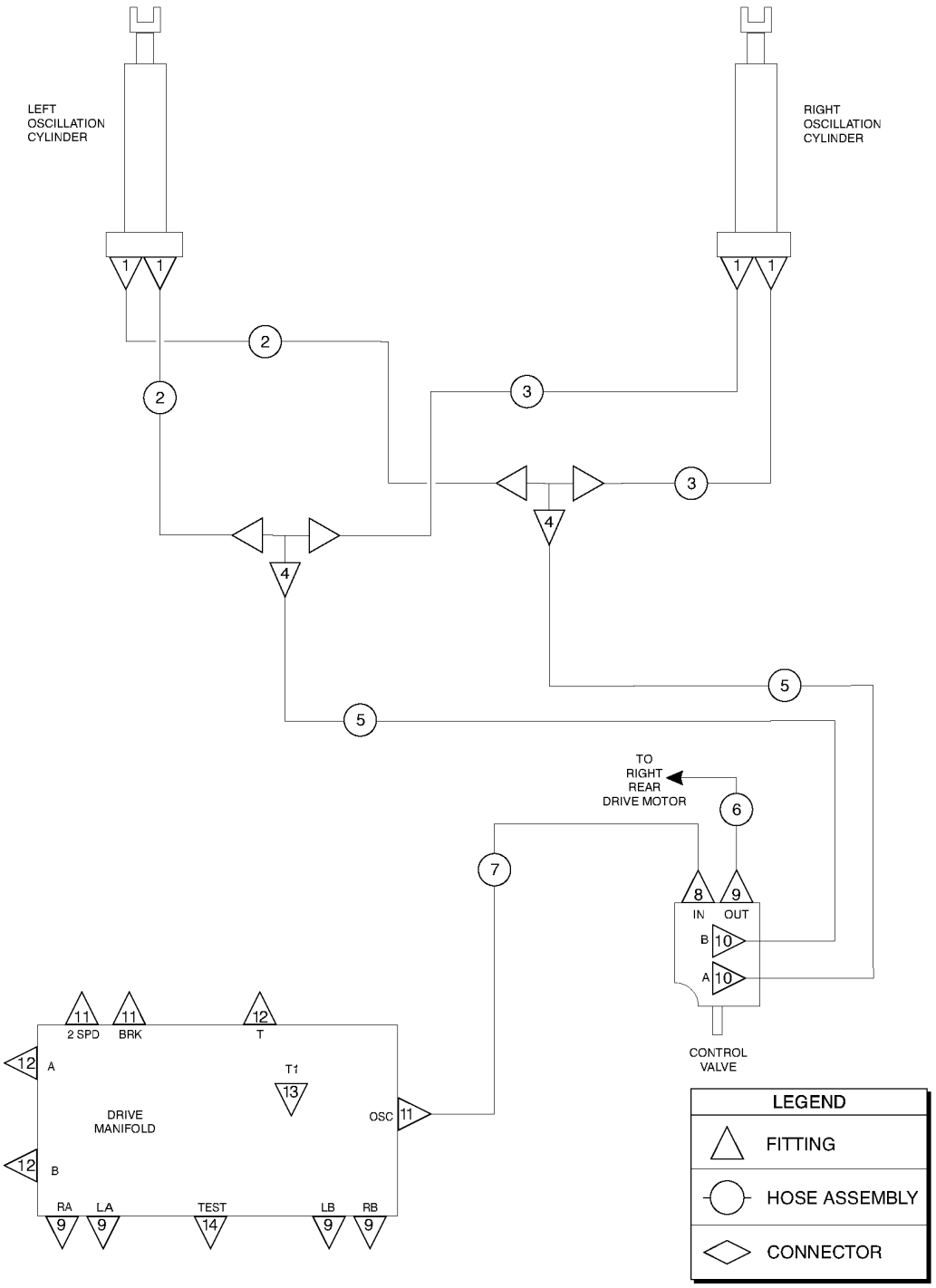

LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
LEFT STEER AXLE DRIVE MOTOR
RIGHT STEER AXLE DRIVE MOTOR
TO "ST2" PORT ON FUNCTION MANIFOLD
TO "ST1" PORT ON FUNCTION MANIFOLD
TO HYDRAULIC TANK
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
BRK
2 SPD
LFB
RFB
T
RFA
LFA
TO "A" PORT ON M46 PUMP
TO "B" PORT ON M46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

Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS* from SN 23812	
	49612GT	O-RING KIT (ORFS FITTINGS) from SN 23812	
1	48904GT	ELBOW, 90D, 520220-4 from SN 23812	2
2	48906GT	TEE,RUN,520428-4 from SN 23812	2
3	48946GT	CONN,520120-8-10 from SN 23812	4
4	49119-3078GT	HOSE ASSY 1/4, STR FEM,STR FEM from SN 23812	2
5	48930GT	CONN,520120-6-8 from SN 23812	2
6	49117-14391GT	HOSE ASSY,1/4,90 FEM,STR FEM from SN 23812	2
7	61143-3963GT	HOSE ASSY,1/2,45 FEM STR FEM from SN 23812	3
8	49133-5140GT	HOSE ASSY,T FITTING/DRIVEMOTOR from SN 23812	2
9	77309GT	NUT,BULKHEAD,520118-8 from SN 23812	5
10	81812-7628GT	ASSY,HOSE,HYD,-8,4250,STR,STR from SN 23812	4
11	48933GT	CONN,520120-8*** from SN 23812	8
12	48948GT	CONN,520120-8-12 from SN 23812	3
13	77311-5906GT	HOSE ASSY,BRKT./D.MANIFOLD from SN 23812	1
14	48939GT	TEE,BRANCH,520433-8 from SN 23812	1
15	48936GT	TEE,BRANCH,520429-8 from SN 23812	1
16	48905GT	CONNECTOR, 520120-4 from SN 23812	3
17	49117-5891GT	HOSE ASSY,1/4,90 FEM,STR FEM from SN 23812	1
18	49117-5091GT	HOSE ASSY,1/4,90 FEM,STR FEM from SN 23812	1
19	81812-3892GT	HOSE ASSY,1/2" from SN 23812	1
20	48908GT	FITTING,TEE,RUN,SWIVEL520432-4 from SN 23812	2
21	48935GT	TEE,RUN, 520428-8 from SN 23812	2
22	48911GT	ELBOW,90D,520220-4-6*** from SN 23812	2
23	94464-4386GT	HOSE ASSY,1/2" from SN 23812	1
24	94464-5086GT	HOSE ASSY,1/2" from SN 23812	1
25	48947GT	ELBOW,90D,520220-8-12 from SN 23812	4
26	49119-5078GT	HOSE ASSY,1/4,STR FEM,STR FEM* from SN 23812	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 HYDRAULIC TANK
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
BRK
2 SPD
LFB
RFB
T
RFA
LFA
TO "A" PORT ON M46 PUMP
TO "B" PORT ON M46 PUMP
DRIVE MANIFOLD
RB
LB
TEST
OSC
LA
RA
TO CONTROL VALVE
TO "OUT" ON THE CONTROL VALVE
LEFT NON-STEER DRIVE MOTOR AND BRAKE
RIGHT NON-STEER DRIVE MOTOR AND BRAKE
TANK
2SPD

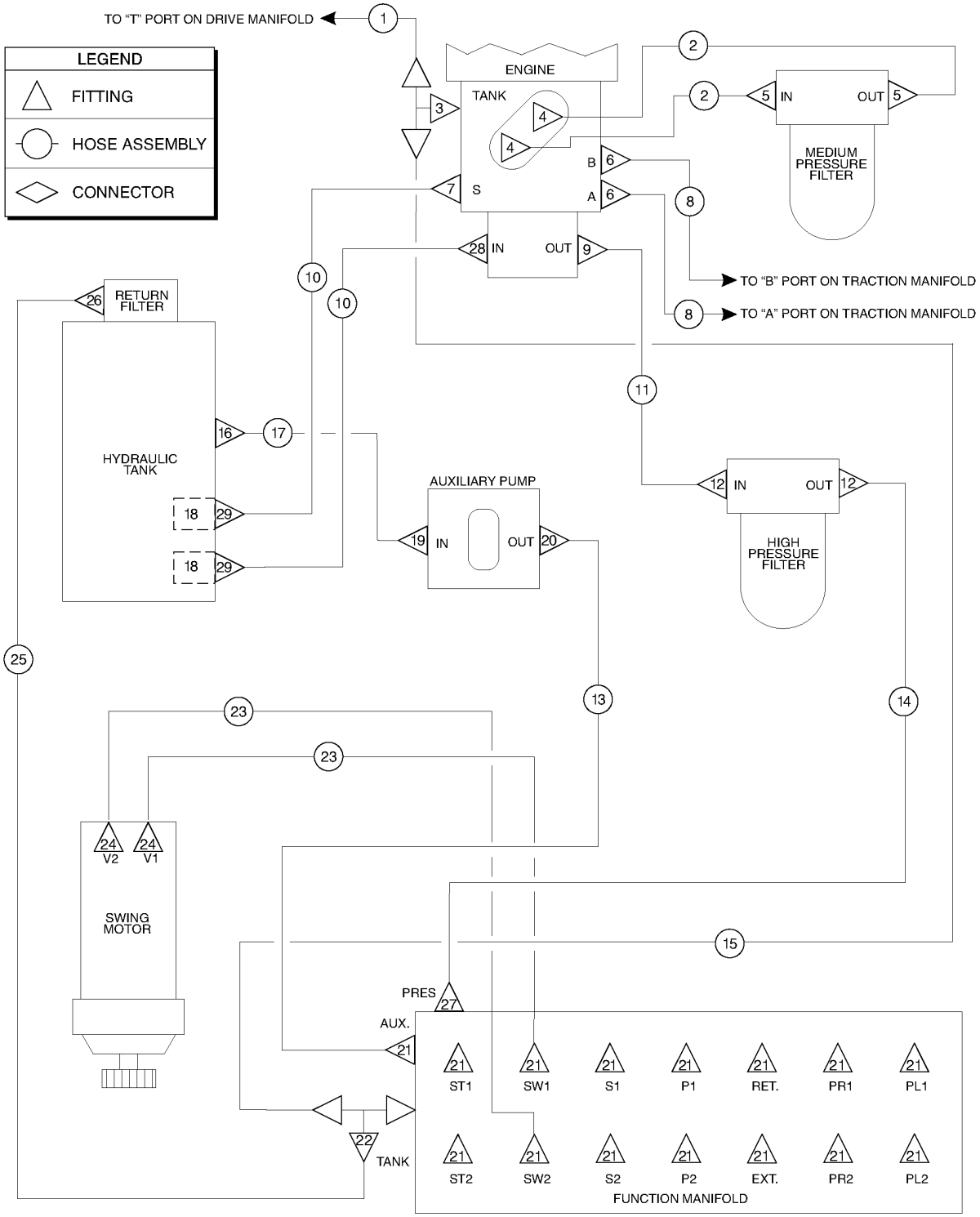
Item	Part No.	Description	Qty.
27	49117-5891GT	HOSE ASSY,1/4,90 FEM,STR FEM ..... from SN 23812	1
28	77312-3577GT	HOSE ASSY,DMANIF/LR&RR BRAKE ..... from SN 23812	4

804.1 Oscillate System



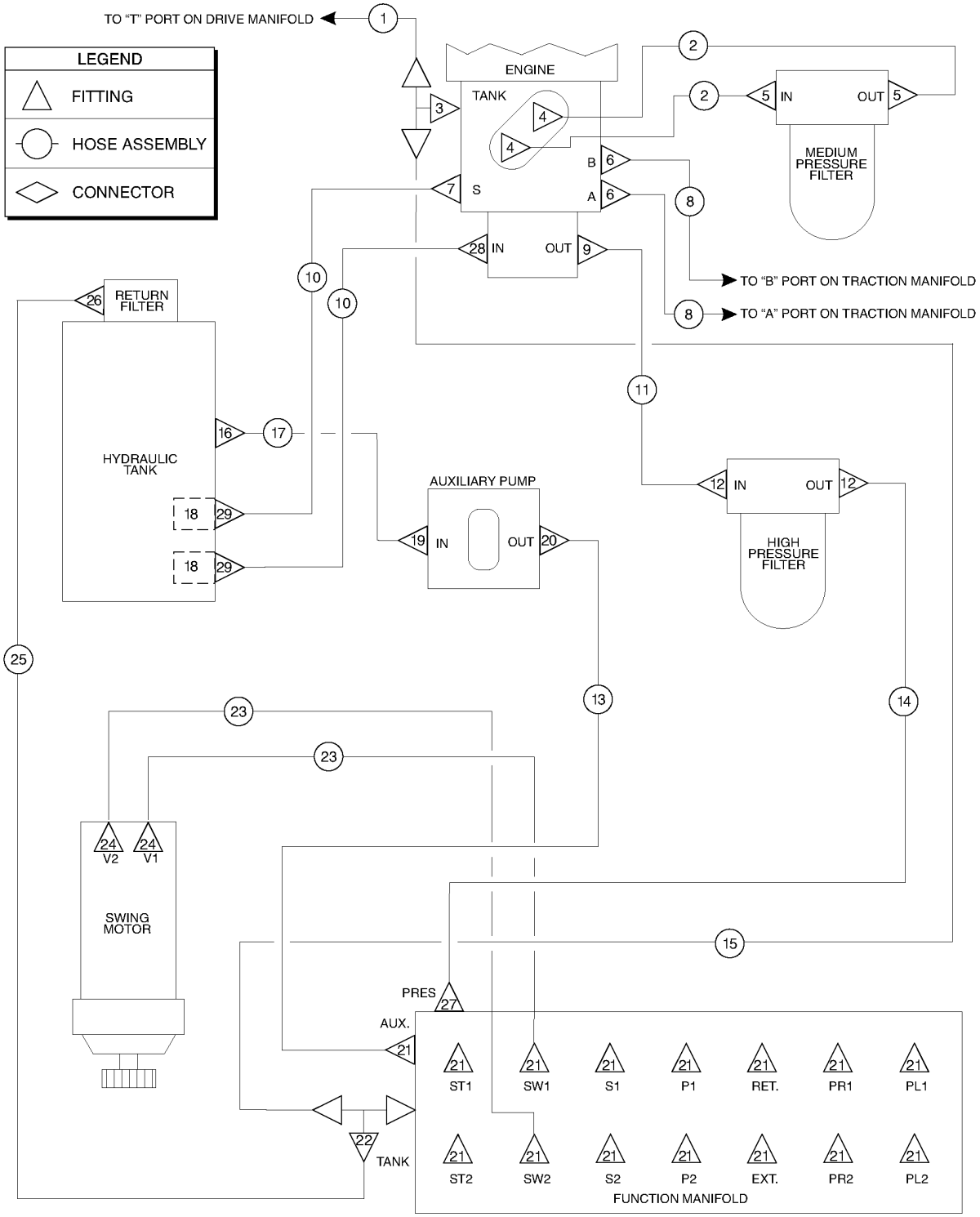
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48912GT	CONN,520120-4-6***	4
2	49117-2091GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
3	49117-3191GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
4	48891GT	FITTING,TEE,BRANCH,520433-4	2
5	88636-9073GT	HOSE ASSY 1/4,STR FEM,STR BULK	2
5	75574GT	NUT,BULKHEAD,520118-4 (item sold seperately)	2
6	49143-3729GT	HOSE ASSY,1/2,90 FEM,STR FEM to SN 23811	1
6	94464-5086GT	HOSE ASSY,1/2" from SN 23812	1
7	49117-3791GT	HOSE ASSY,1/4,90 FEM,STR FEM** to SN 24689	1
7	94464-5086GT	HOSE ASSY,1/2" from SN 24690	1
8	48914GT	CONN,520120-4-8	1
9	48933GT	CONN,520120-8***	5
10	48911GT	ELBOW,90D,520220-4-6***	2
11	48904GT	ELBOW, 90D, 520220-4	3
12	48960GT	FITTING,CONN,520120-12***	3
13	48932GT	FITTING,ELBOW,90D,520220-8***	1
14	48905GT	CONNECTOR, 520120-4	1

805.1 Turntable Components (to SN 22050)



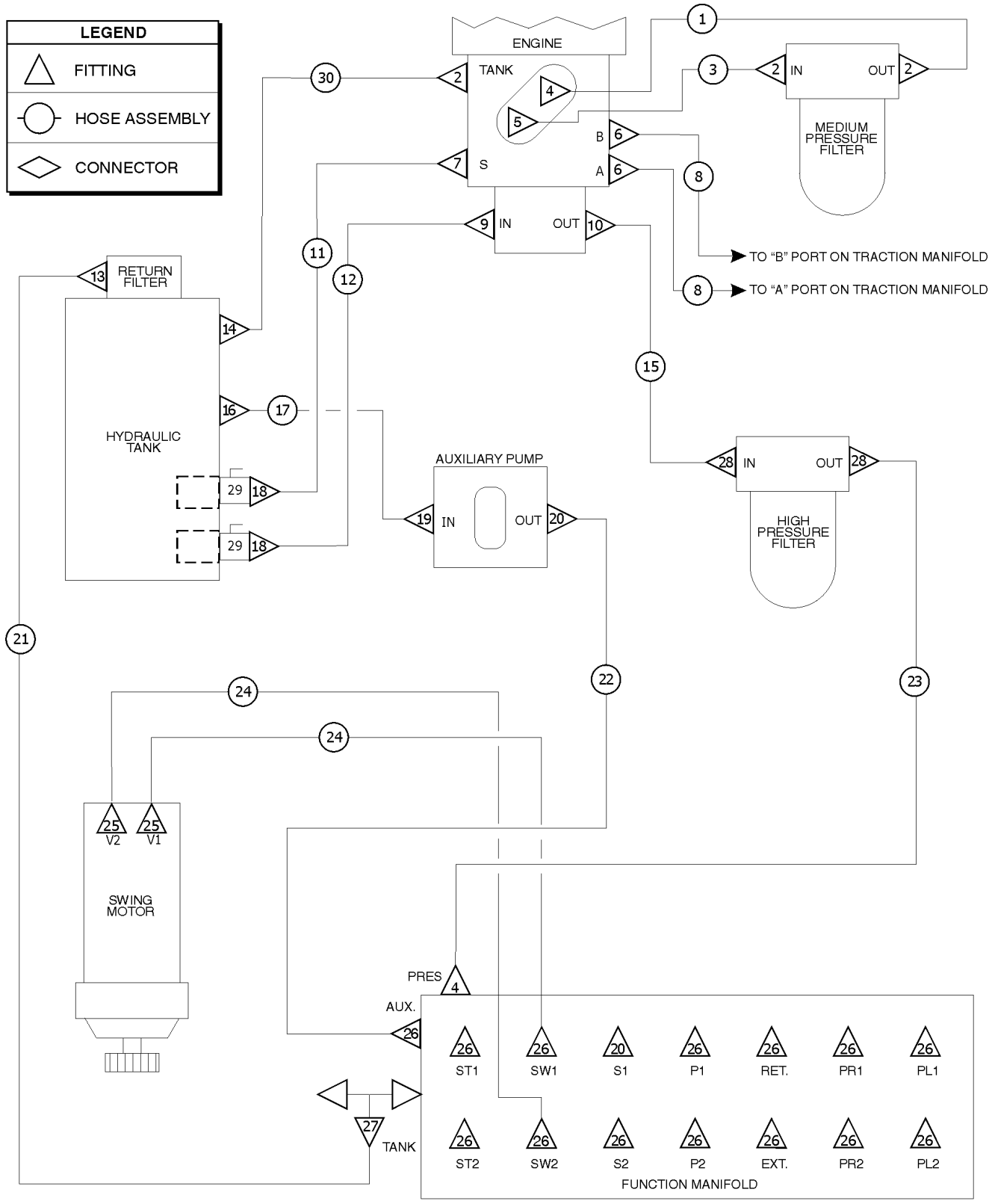
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	49149-10826GT	HOSE ASSY,3/4,45 FEM,STR FEM	1
2	49141-2463GT	HOSE ASSY,1/2,45 FEM,STR FEM**	2
3	48962GT	TEE,BRANCH,520429-12	1
4	48946GT	CONN,520120-8-10	2
5	48932GT	FITTING,ELBOW,90D,520220-8***	2
6	48978GT	ELBOW,45D,520320-12-16	2
7	48985GT	ELBOW,45D,520320-16	1
8	49156-10856GT	HOSE ASSY,3/4,90 FEM,STR FEM	2
9	48899GT	VALVE,CHK,#10PORT-#10MALEORFS	1
10A	49159-4618GT	HOSE ASSEMBLY, 1"	2
10B	88942-4854GT	HOSE ASSY,1",90 FEM,STR FEM** from SN 21376 to SN 22050	2
11	49108-2329GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
12	48948GT	CONN,520120-8-12	2
13	49119-5178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
14	49109-7729GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
15	49151-8248GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
16	48922GT	CONN,520102-6-6	1
17	49126-2733GT	HOSE ASSY,3/8,45 FEM,STR FEM	1
18A	48994GT	VALVE,BALL,16 MPT-16 FPT***	2
18B	45161GT	STRAINER ASSEMBLY,1.5" NPT from SN 21376 to SN 22050	2
19	48916GT	CONN, 520120-6	1
20	48907GT	ELBOW,45D,520320-4	1
21	48905GT	CONNECTOR, 520120-4	15
22	48961GT	TEE,RUN,520428-12	1
23	49119-5078GT	HOSE ASSY,1/4,STR FEM,STR FEM*	2
24	48904GT	ELBOW, 90D, 520220-4	2

805.1 Turntable Components (to SN 22050)



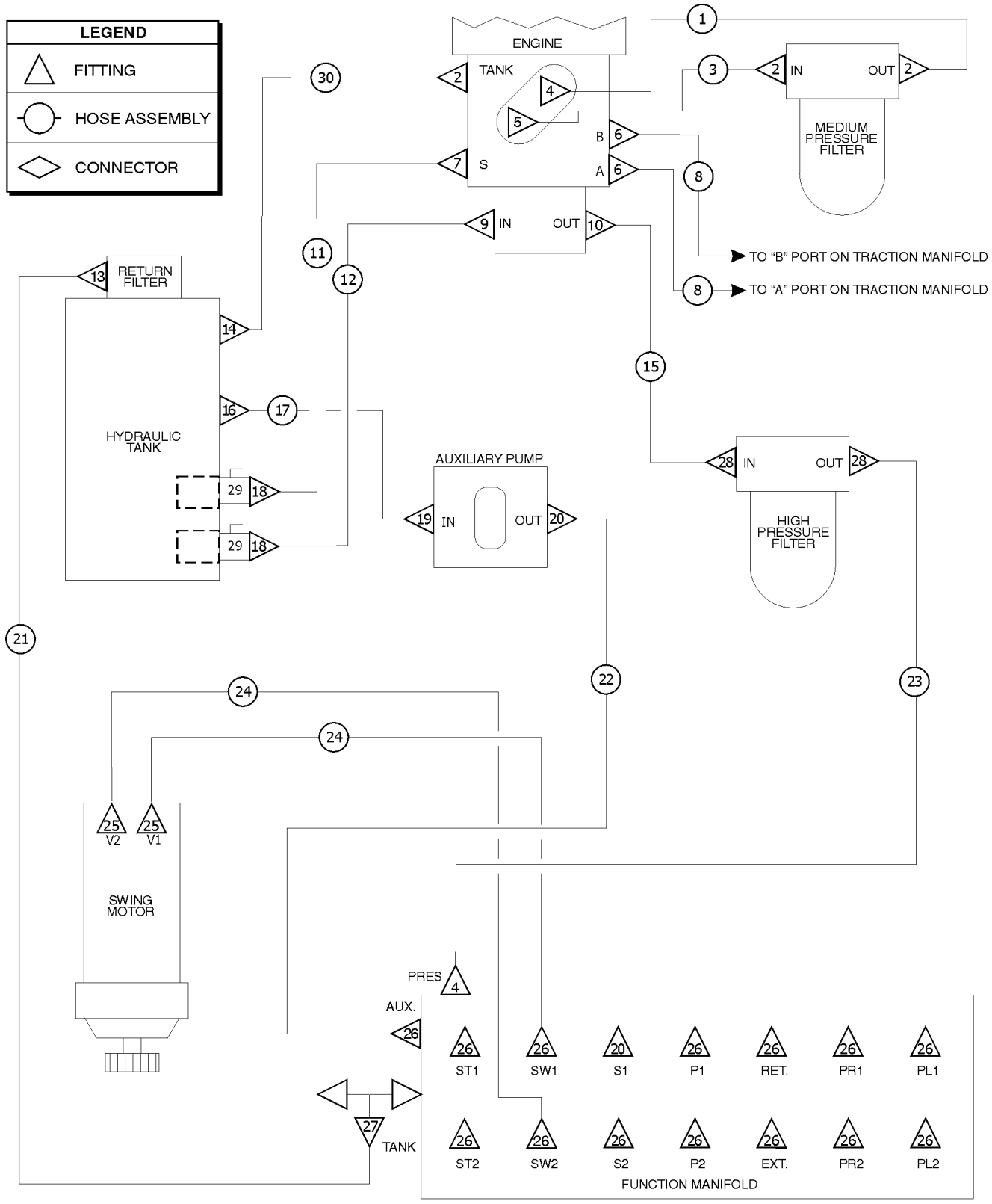
Item	Part No.	Description	Qty.
25	49149-1726GT	HOSE ASSY,3/4,45 FEM,STR FEM	1
26	48977GT	CONN,520120-12-16	1
27	48933GT	CONN,520120-8***	1
28	48922GT	CONN,520102-6-6	1
29	48986GT	CONN,520102-16	2

805.2 Turntable Components (from SN 22051)

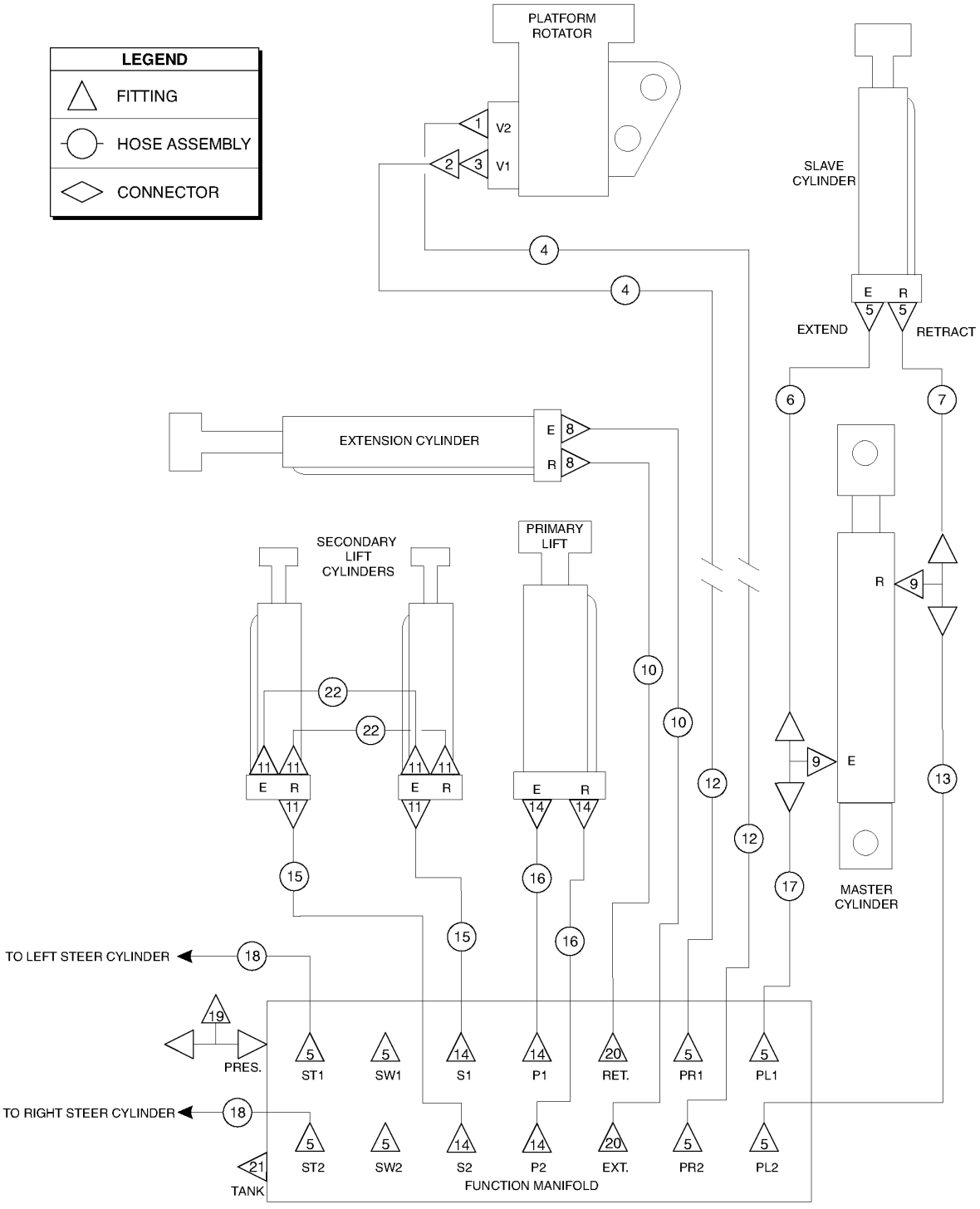


Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	49143-3329GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
2	48948GT	CONN,520120-8-12	3
3	49143-2729GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
4	48946GT	CONN,520120-8-10	2
5	48949GT	CONN,520120-8-16	1
6	48978GT	ELBOW,45D,520320-12-16	2
7	48985GT	ELBOW,45D,520320-16	1
8	94374-10830GT	HOSE ASSY,3/4,90 FEM,STR FEM	2
9	48983GT	ELBOW,90D,520220-16	1
10	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	1
11A	88942-4854GT	HOSE ASSY,1",90 FEM,STR FEM** from SN 22051 to SN 24152	1
11B	88949-3828GT	HOSE ASSY 1",STR FEM,STR FEM from SN 24153	1
12A	88942-4854GT	HOSE ASSY,1",90 FEM,STR FEM** from SN 22051 to SN 24152	1
12B	88949-4928GT	HOSE ASSY 1",STR FEM,STR FEM	1
13	48977GT	CONN,520120-12-16	1
14	48932GT	FITTING,ELBOW,90D,520220-8***	1
15	75278-2329GT	HOSE ASSY,1/2,90 FEM,STR FEMM	1
16	48930GT	CONN,520120-6-8	1
17	94619-3038GT	HOSE ASSY,3/8,STR FEM,STR FEM	1
18	147419GT	KIT,STRAINER REPLACEMENT	2
19	48916GT	CONN, 520120-6	1
20	48912GT	CONN,520120-4-6***	1
21	49150-3630GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
22	49119-5878GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
23	75278-8229GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
24	49119-5078GT	HOSE ASSY,1/4,STR FEM,STR FEM*	2

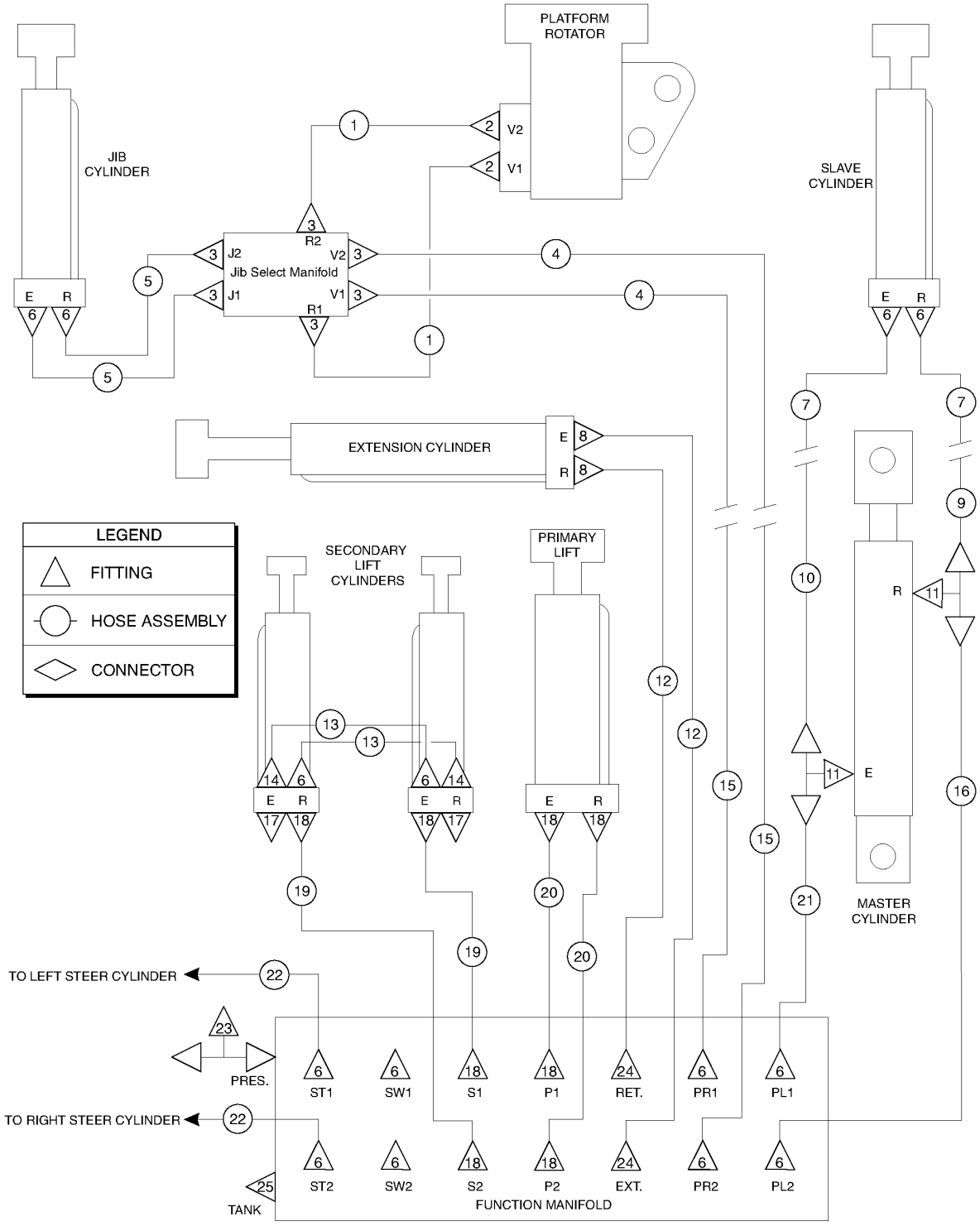
805.2 Turntable Components (from SN 22051)



Item	Part No.	Description	Qty.
25	48904GT	ELBOW, 90D, 520220-4	2
26	48905GT	CONNECTOR, 520120-4	15
27	48959GT	FITTING,ELBOW,90D,520220-12	1
28	48933GT	CONN,520120-8***	2
29	48996GT	VALVE,BALL,16 MSAE-16 FSAE*** from SN 24153	2
30	49141-5863GT	HOSE ASSY,1/2,45 FEM,STR FEM**	1

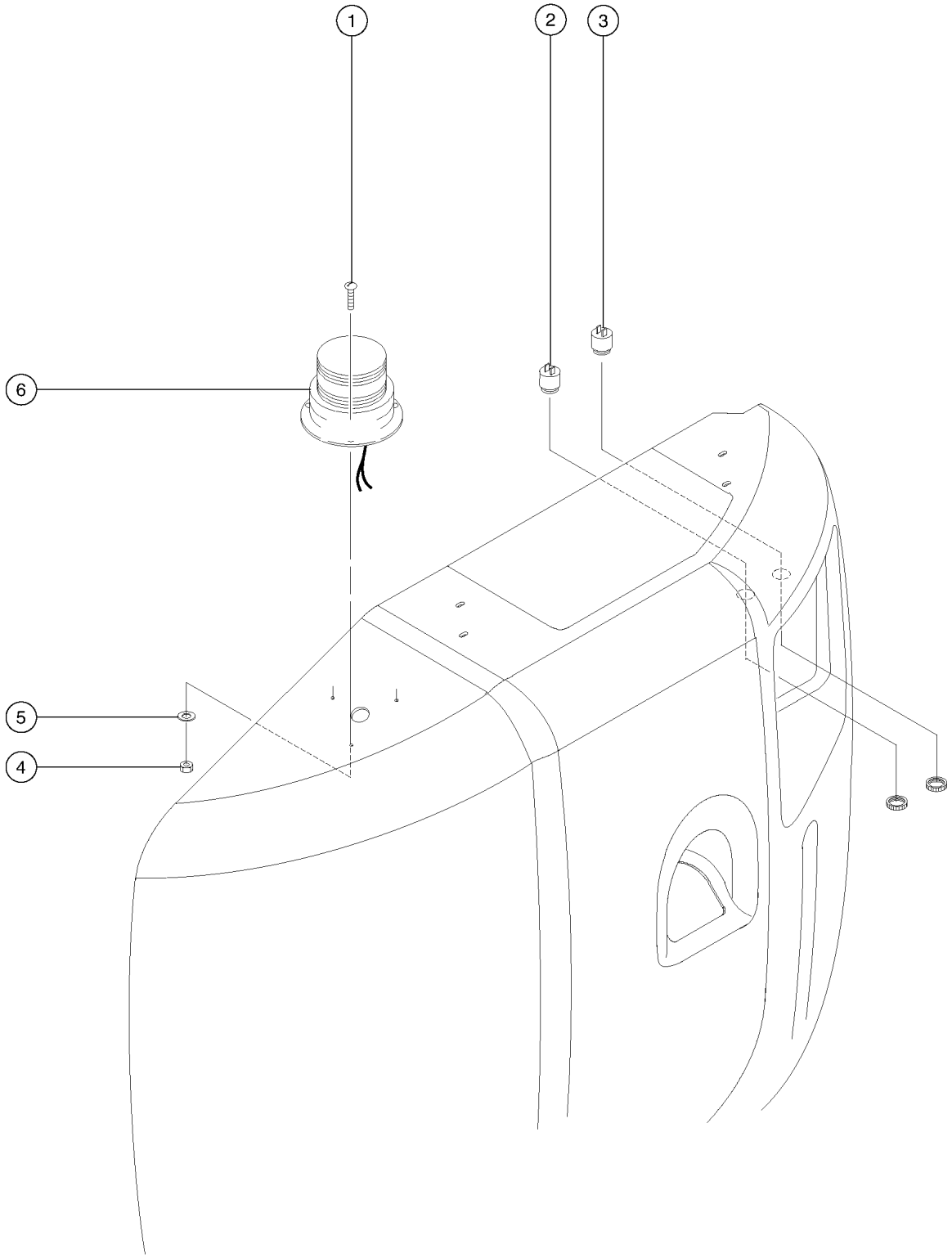

LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
PLATFORM ROTATOR
V2
V1
SLAVE CYLINDER
EXTEND
RETRACT
EXTENSION CYLINDER
SECONDARY LIFT CYLINDERS
PRIMARY LIFT
MASTER CYLINDER
TO LEFT STEER CYLINDER
TO RIGHT STEER CYLINDER
PRES.
TANK
ST1
SW1
S1
P1
RET.
PR1
PL1
ST2
SW2
S2
P2
EXT.
PR2
PL2
FUNCTION MANIFOLD

Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48907GT	ELBOW,45D,520320-4	1
2	54132GT	ELBOW,SWIVEL 90D, 520221-4	1
3	48904GT	ELBOW, 90D, 520220-4	1
4	49121-25688GT	HOSE ASSY 1/4,STR FEM,STR MALE	2
5	48912GT	CONN,520120-4-6***	10
6	49119-26478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
7	49119-27978GT	HOSE ASSY,1/4,STR FEM,STR FEMM	1
8	48917GT	CONN,LONG,520122-6	2
9	48890GT	FITTING,TEE,BRANCH,520429-4***	2
10	49120-35381GT	HOSE ASSY 1/4, STR FEM,STR FEM	2
11	48905GT	CONNECTOR, 520120-4	6
12	49119-39378GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
13	49119-36178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
14	48916GT	CONN, 520120-6	6
15	49119-16178GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
16	49119-38578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
17	49119-37678GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
18	49117-14391GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
19	48935GT	TEE,RUN, 520428-8	1
20	48930GT	CONN,520120-6-8	2
21	48933GT	CONN,520120-8***	1
22	49119-2278GT	HOSE ASSY,1/4,STR FEM,STR FEM	2


PLATFORM ROTATOR
JIB CYLINDER
SLAVE CYLINDER
Jib Select Manifold
EXTENSION CYLINDER
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
SECONDARY LIFT CYLINDERS
PRIMARY LIFT
MASTER CYLINDER
TO LEFT STEER CYLINDER
TO RIGHT STEER CYLINDER
PRES.
TANK
ST1
SW1
S1
P1
RET.
PR1
PL1
ST2
SW2
S2
P2
EXT.
PR2
PL2
FUNCTION MANIFOLD

Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	49119-2374GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	2
2	48904GT	ELBOW, 90D, 520220-4	2
3	48905GT	CONNECTOR, 520120-4	6
4	49121-27788GT	HOSE ASSY 1/4,STR FEM,STR MALE	2
5	49119-3778GT	HOSE ASSY,1/4,STR FEM,STR FEM to SN 22565	2
5	49119-5378GT	HOSE ASSY,1/4,STR FEM,STR FEM* from SN 22566	2
6	48912GT	CONN,520120-4-6***	14
7	49121-2088GT	HOSE ASSY 1/4,STR FEM,STR MALE	2
8	48917GT	CONN,LONG,520122-6	2
9	49119-23478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
10	49119-21978GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
11	48919GT	TEE,BRANCH,520429-6	2
12	49120-35381GT	HOSE ASSY 1/4, STR FEM,STR FEM	2
13	49119-2374GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	2
14	48918GT	TEE,RUN,520428-6	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	48916GT	CONN, 520120-6	8
19	49119-16178GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
20	49119-38578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
21	49119-37678GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
22	49117-14391GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
23	48935GT	TEE,RUN, 520428-8	1
24	48930GT	CONN,520120-6-8	2
25	48933GT	CONN,520120-8***	1

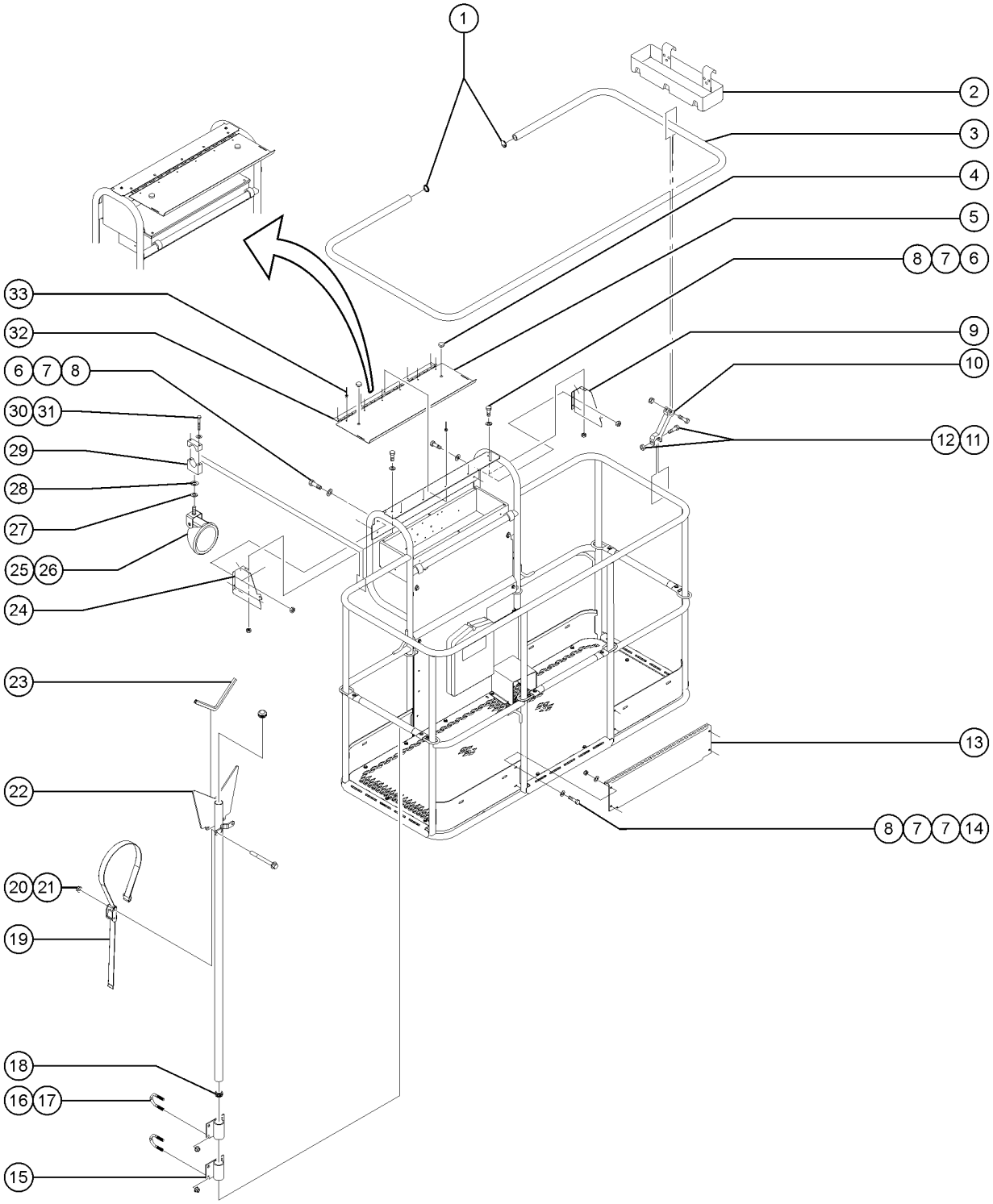
901.1 Alarm and Beacon Package



901.1 Alarm and Beacon Package

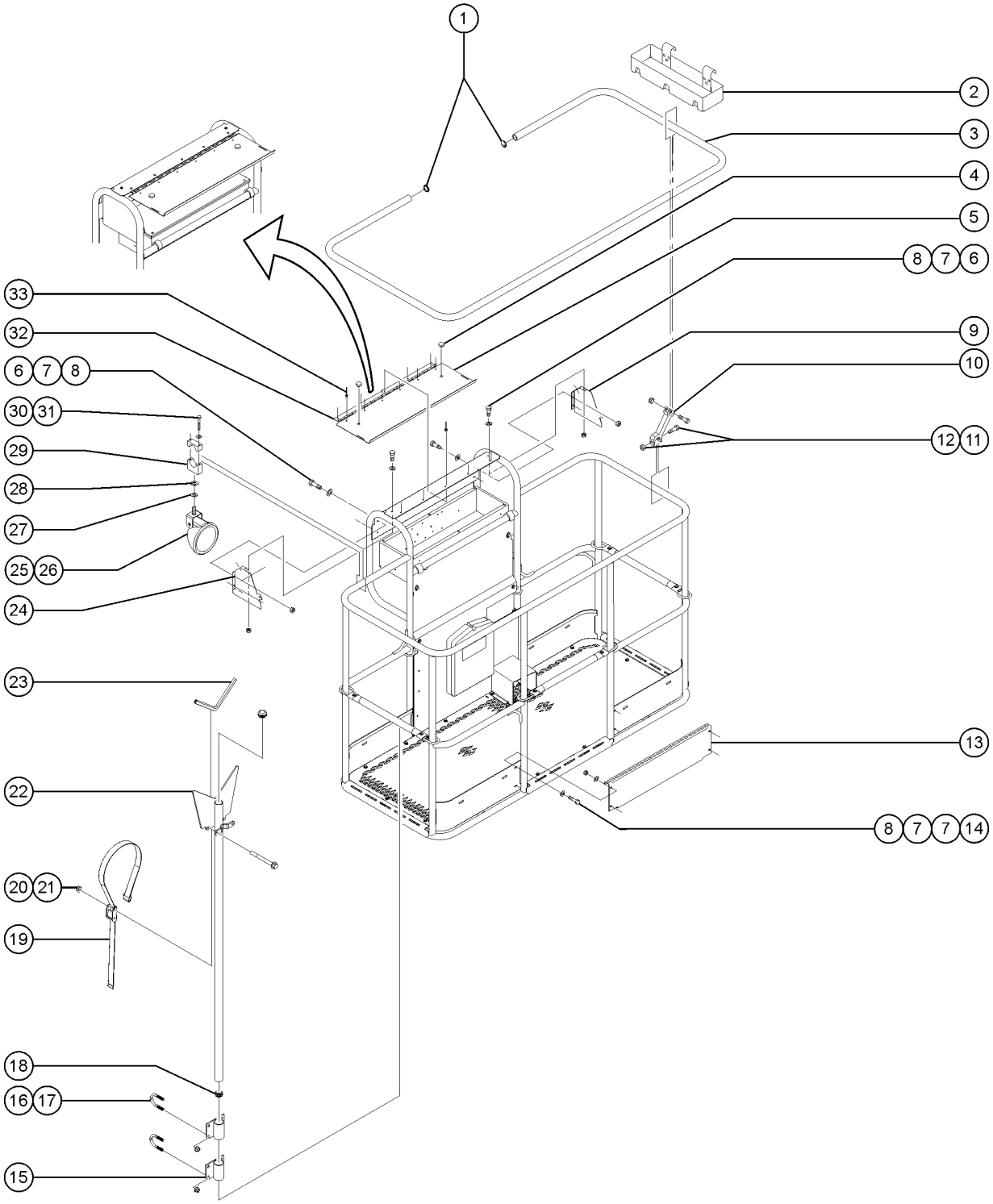
Item	Part No.	Description	Qty.
	60047-SGT	ALARM PKG,ACC.Z45 IC	
1	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
2	45462GT	ALARM,CHIME TONE 5-25VDC*** Does not include 72326 nut	1
2-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
3	18963GT	ALARM, INTERMITTENT TONE 6-30V* Does not include 72326 nut	1
3-	72326GT	NUT - 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



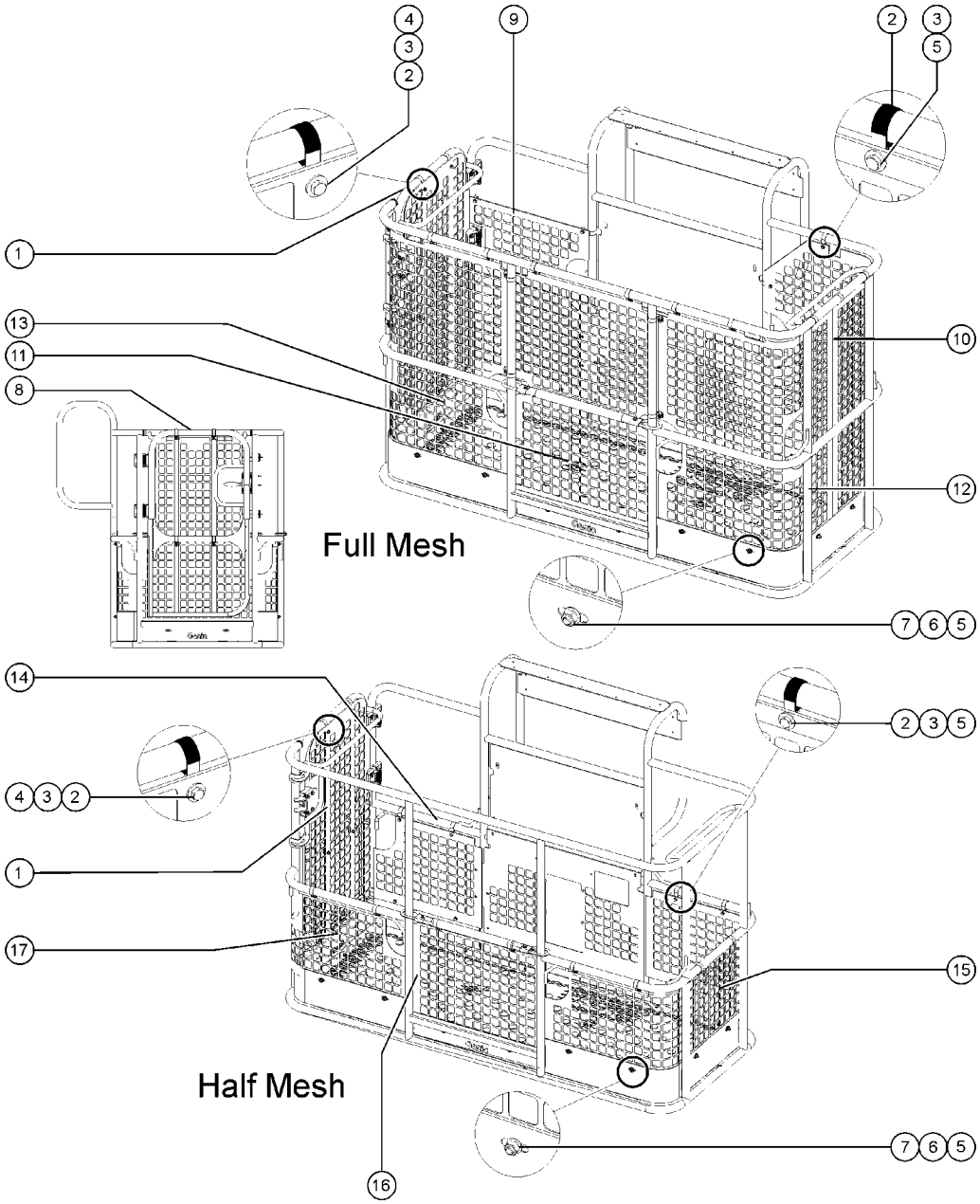
Item	Part No.	Description	Qty.
--	85300GT	PIPE CRADLE ASSY. SERV (ONE)** (ANSI & CE only) (This is a single ASSY. required to complete a set)	2
--	65630GT	INSTRUCTIONS-PIPE CRADLE,BOOMS	
--	28322GT	OPTION,PLAT.PINCH GUARD,5 FT.	
--	28323GT	OPTION,PLAT.PINCH GUARD,4 FT.	
--	34321-SGT	OPTION,WORKLIGHT,12 VOLT	
--	53157-SGT	PINCH GUARD,6'(1.31")SERVICE**	
--	53808GT	AUX TOP RAIL,6' PLATFORM	
--	119795GT	KIT,CONTROL BOX COVER to SN 21290	
--	88609-SGT	CONTROL BOX COVER ASSY*** from SN 21291	
--	T109328GT	ACC,PLAT CONTROL COVER, SERV (cover assembly with latch)	
--	60922GT	OPTION,EURO TOEBOARD (includes item 13)	
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
--	53808-SGT	AUX TOP RAIL,6'(1.25")SERVICE	1
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	

902.1 Platform Options



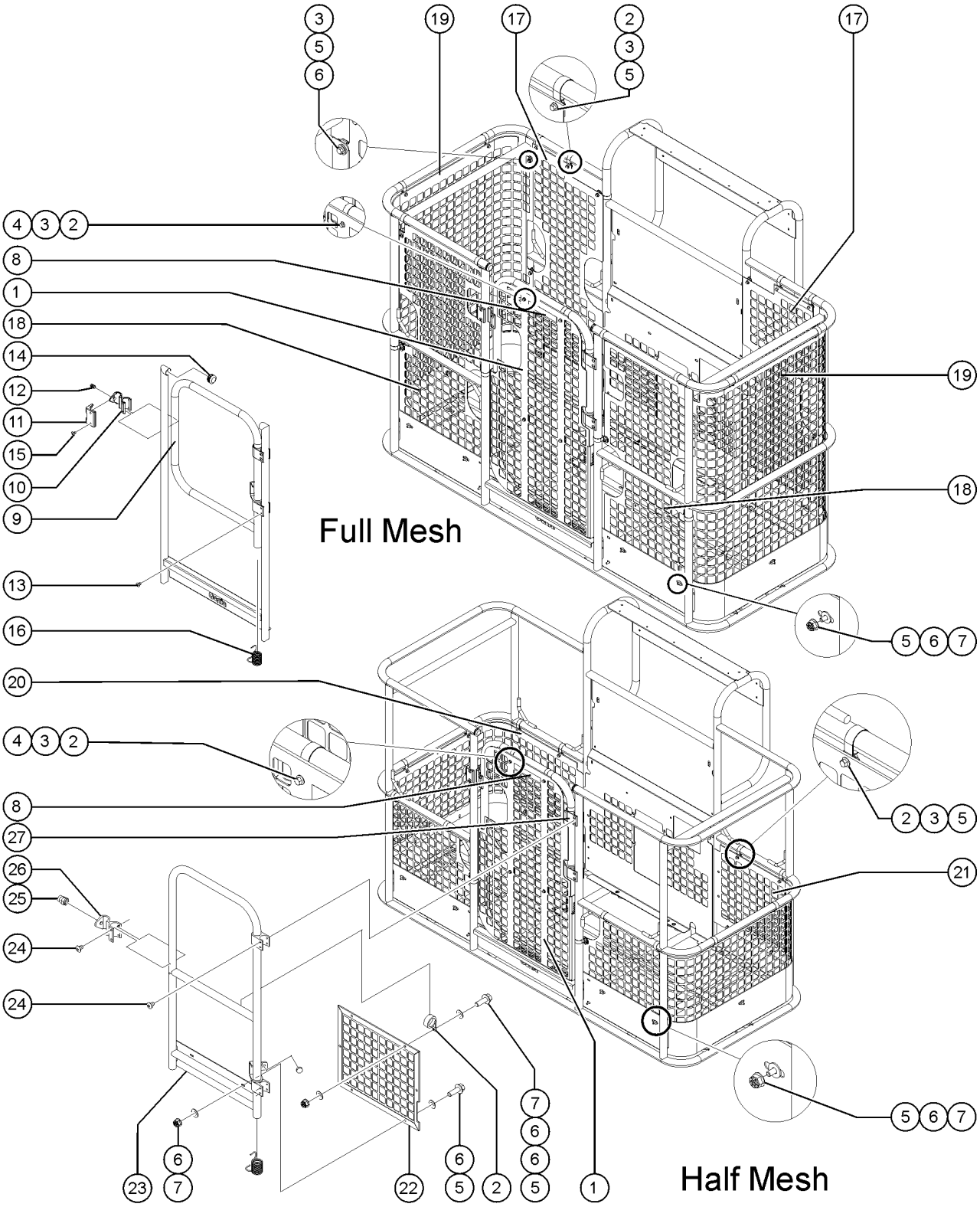
Item	Part No.	Description	Qty.
15	81368GT	WELDMENT,PIPE CRADLE MOUNT	4
16	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	8
17	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	16
18	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
19	56570GT	STRAP, CONDUIT HOLDER 60"***	2
20	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
21	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
22	56525GT	WELDMENT, PIPE CRADLE	2
23	19018-1100GT	TRIMLOCK,BLACK,5/32"	2
24	102785PGT	CONTROL BOX COVER,LID,PTD	1
--	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE (not included - sold seperately)	2
25	107858GT	WORKLIGHT,48 VOLT	2
26	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
27	6886GT	WASHER,LOCK,.313	
28	5397GT	WASHER, FLAT, USS, 5/16-18	
29	35956GT	WORK LIGHT MOUNTING BRACKET	2
30	6145GT	SCREW, HHC, 1/4-20 X 1.5	
31	6356GT	WASHER, LOCK, .25	
32	111526GT	HINGE,PLAT CONTROL BOX COVER	1
33	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	

903.1 Platform Mesh-Side Swing Gate



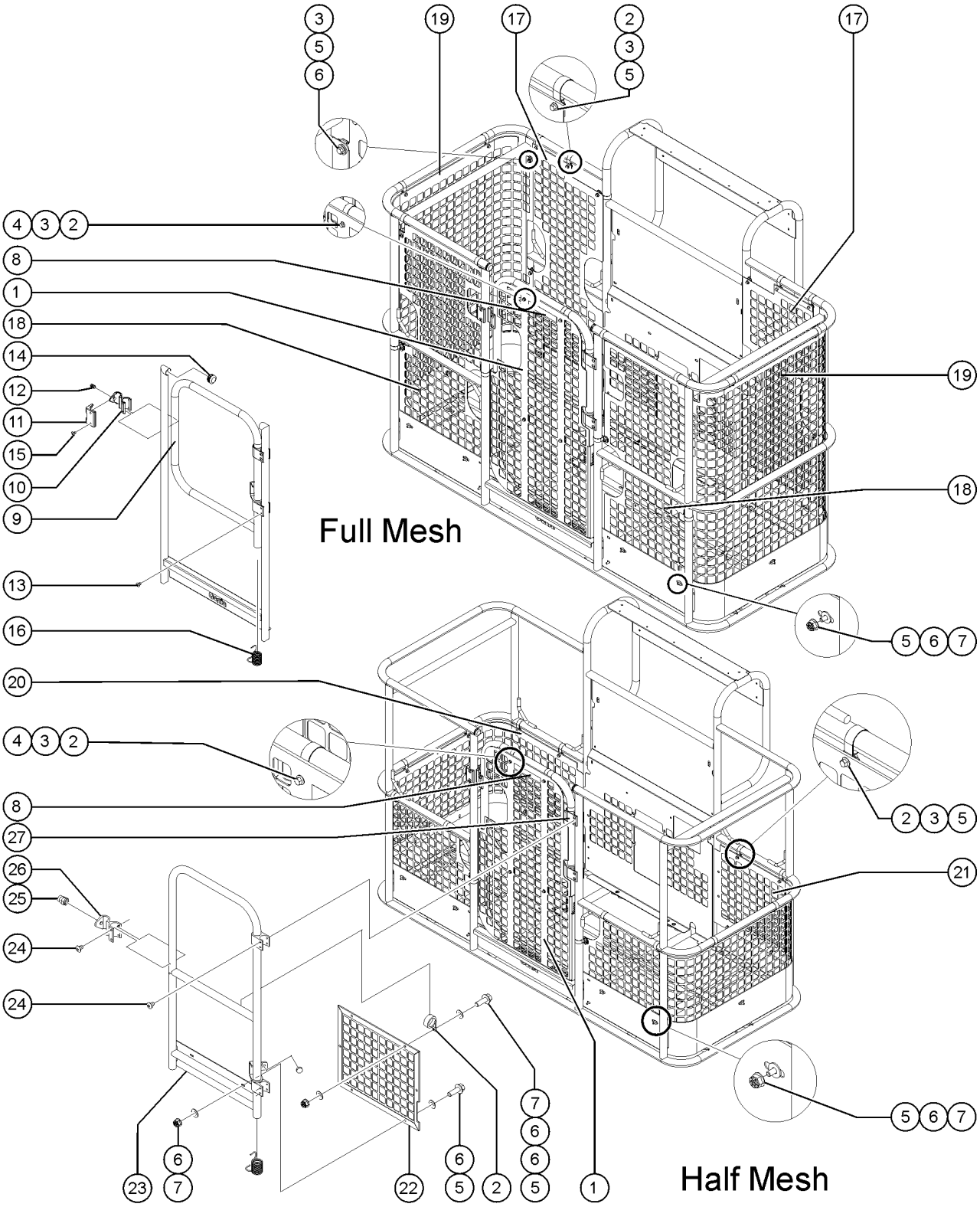
Item	Part No.	Description	Qty.
-	1286622GT	KIT, 6' FULL MESH,SIDE GATE	
-	1275282GT	KIT, 6' HALF MESH,SIDE GATE	
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG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

903.2 Platform Mesh-Front Single Entry



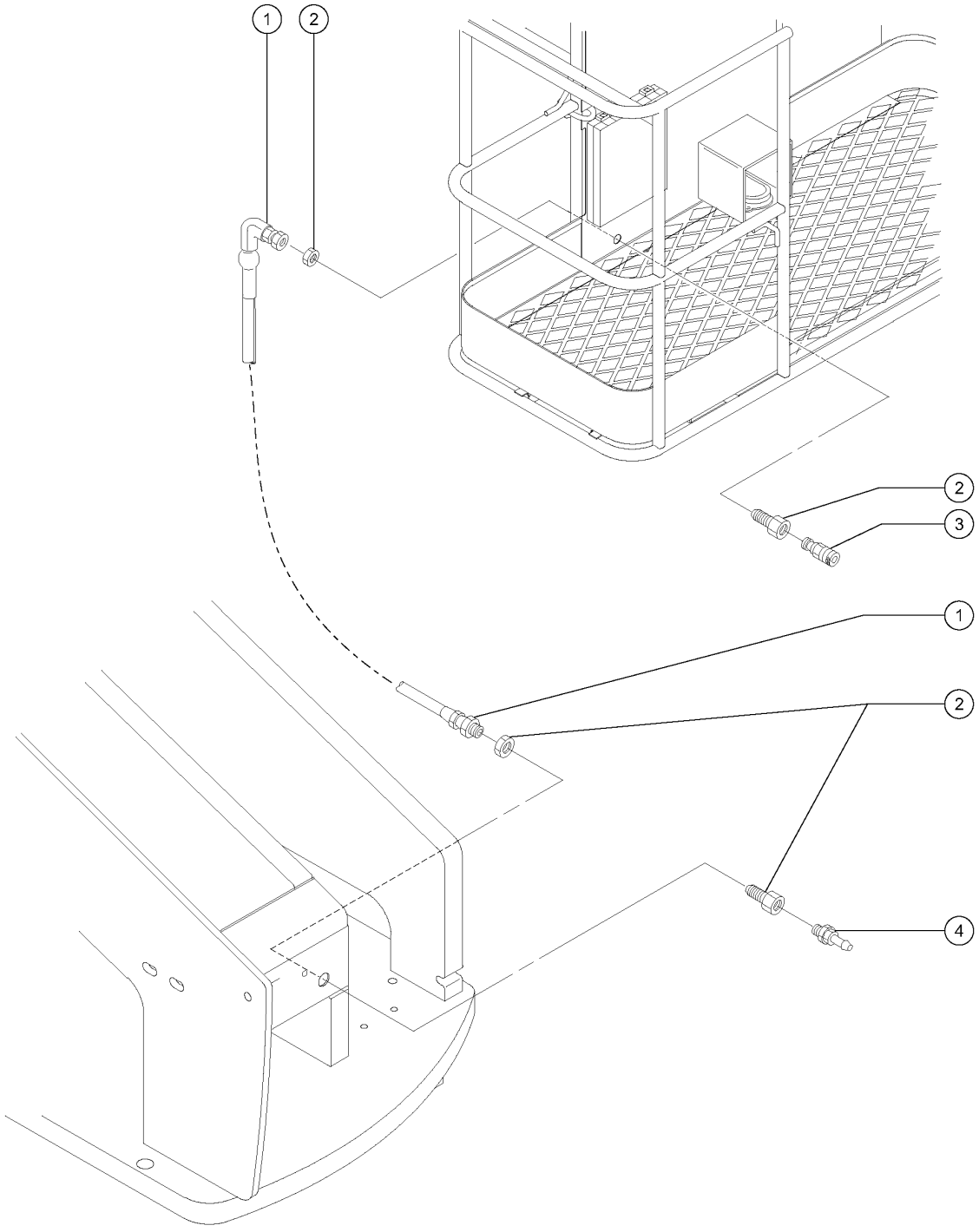
Item	Part No.	Description	Qty.
-	1290895GT	KIT, 6' FULL MESH W/FRONT HALF GATE	
-	1290893GT	KIT, 6' HALF MESH W/FRONT HALF GATE	
-	1290135GT	KIT,HALF FRONT,SWING GATE (Includes items 9-16)	
-	128368GT	KIT,SWING GATE W/SPRING (Includes items 23) (doesn't include 63311, 1487, and 1488) (Replacement Kit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

903.2 Platform Mesh-Front Single Entry

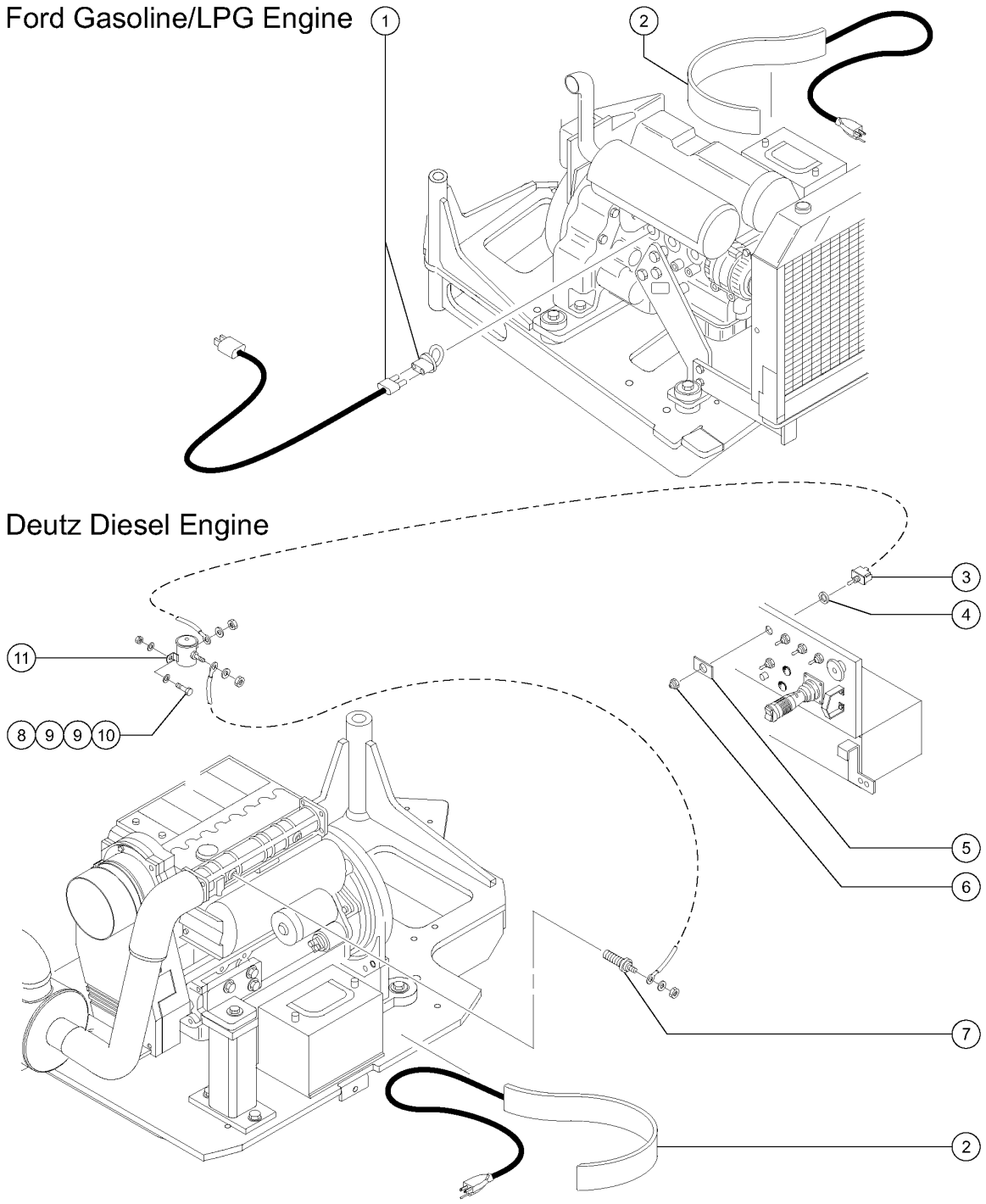


Item	*Part No.*	*Description*	*Qty.*
21B	101853GT	MESH,HALF,RH 5' PLATFORM 5 feet platform (from SN 22738)	
C		FULL GATE	
22	54457GT	MESH,HALF,SWING GATE***	1
23	128374GT	WELDMENT,SWING GATE,ALUMINUM	
23-	42104GT	SPRING,SHORT PLATFORM GATE	
23-	43392GT	BUMPER,BATTERY BOX & RAILS	
24	824207GT	RIVET, STL,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

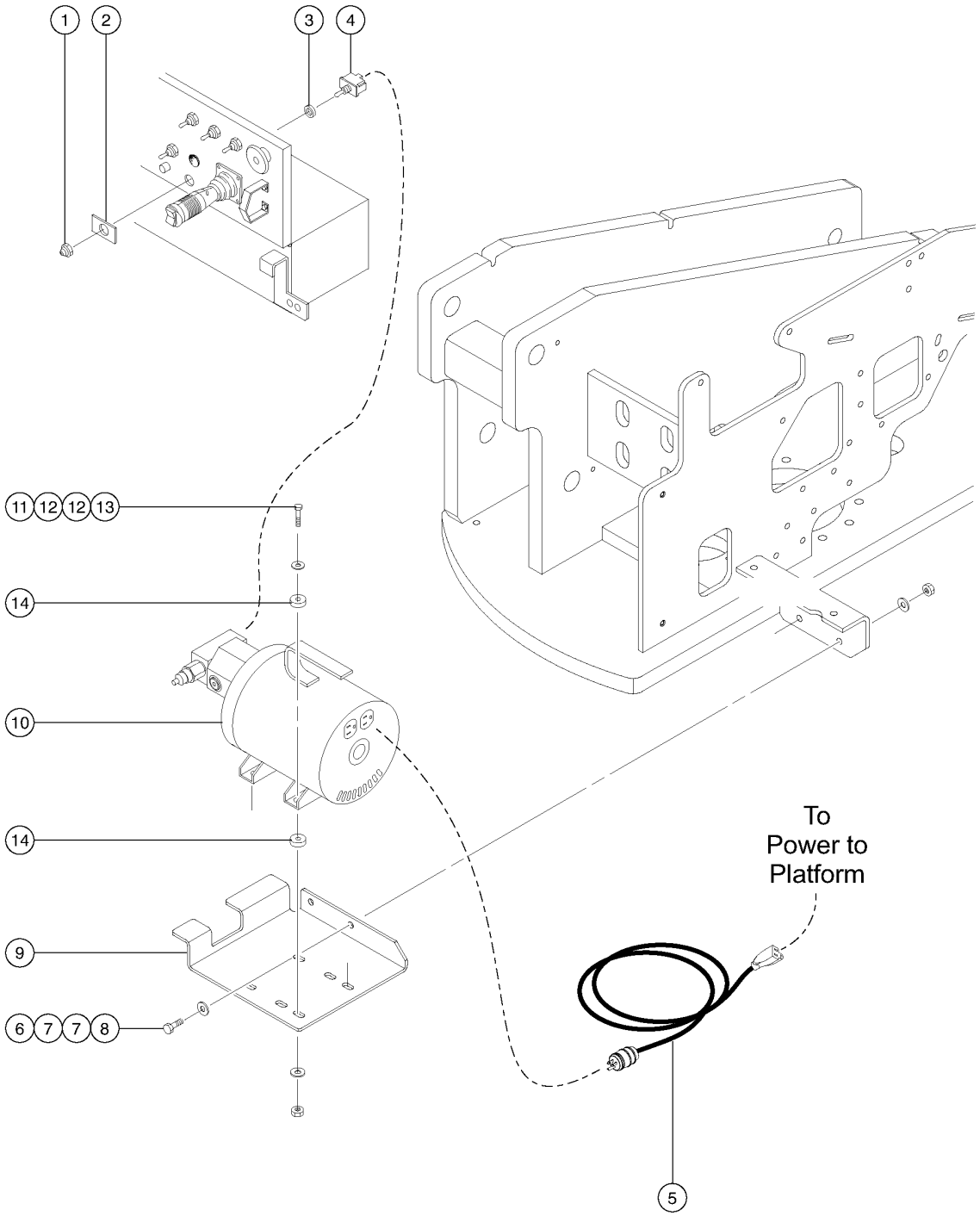
904.1 Airline to Platform



Item	*Part No.*	*Description*	*Qty.*
	27887GT	OPTION,AIRLINE TO PLATFORM	
1	27890GT	KIT,FITTING,AIRLINE TO PLATFRM	1
1	16073GT	CLAMP,0.63,#10 X 1/4,RUB CUSH	1
2	27900GT	BULKHEAD,FEMALE X 6 X 6	1
3	27895GT	COUPLER,1/4"SERIES 3/8 MPT	1
4	27894GT	PLUG,1/4"SERIES,3/8 MPT	1

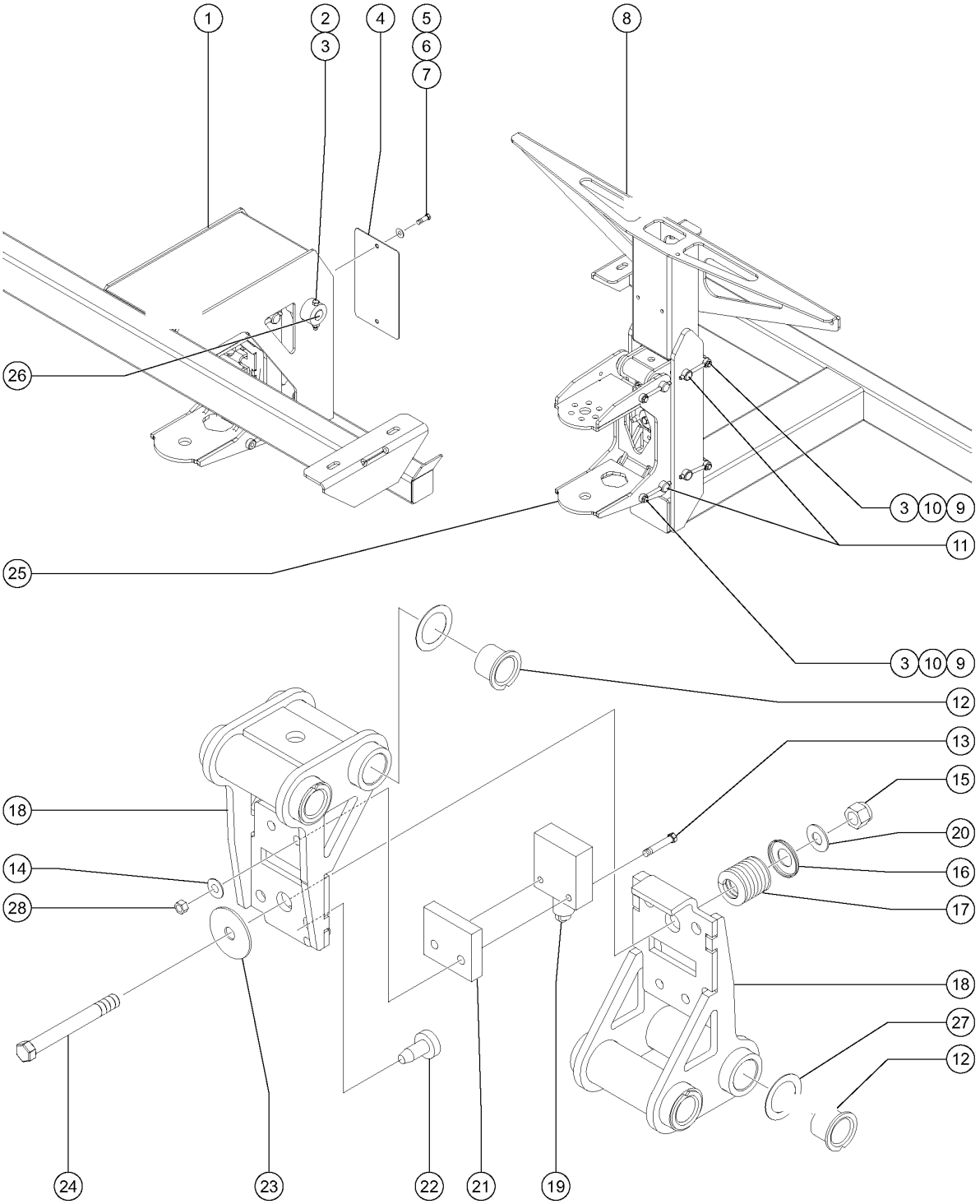

Ford Gasoline/LPG Engine
1
2
Deutz Diesel Engine
3
4
11
8
9
9
10
5
6
7
2

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
-	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
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


1
2
3
4
11
12
12
13
14
10
14
9
6
7
7
8
To
Power to
Platform
5

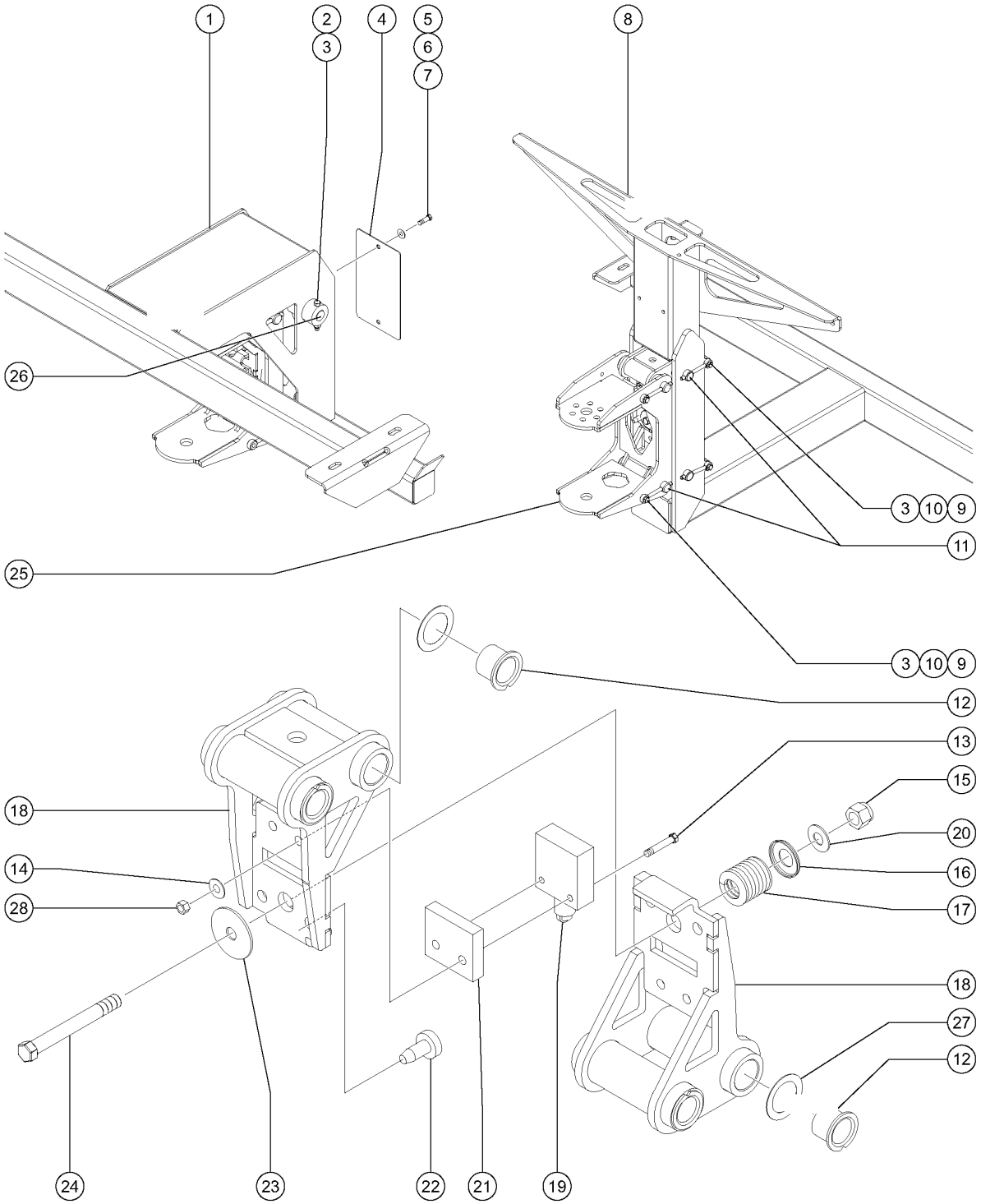
Item	Part No.	Description	Qty.
1	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
2	32728GT	DECAL,OPTION GENERATOR***	1
3	54692GT	SPACER,NYLON,.718 X .526 X.219	
4	56457-SGT	SWITCH,TOGGLE,SPDT,2 POS MAINT includes mounting fasteners	1
5	77247GT	POWER TO PLAT,CORD ASSY.	1
5	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
5	119404GT	CONN,RECEP 120AC/15A DOMESTIC	1
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	
10	110393-SGT	GEN.OPT.FORD,110V/3000W Z45*** includes rubber isolators	1
10	110394-SGT	GEN.OPT.FORD,220V/2500W Z45 includes rubber isolators	1
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

907.1 Platform Overload Option, Z-45/25



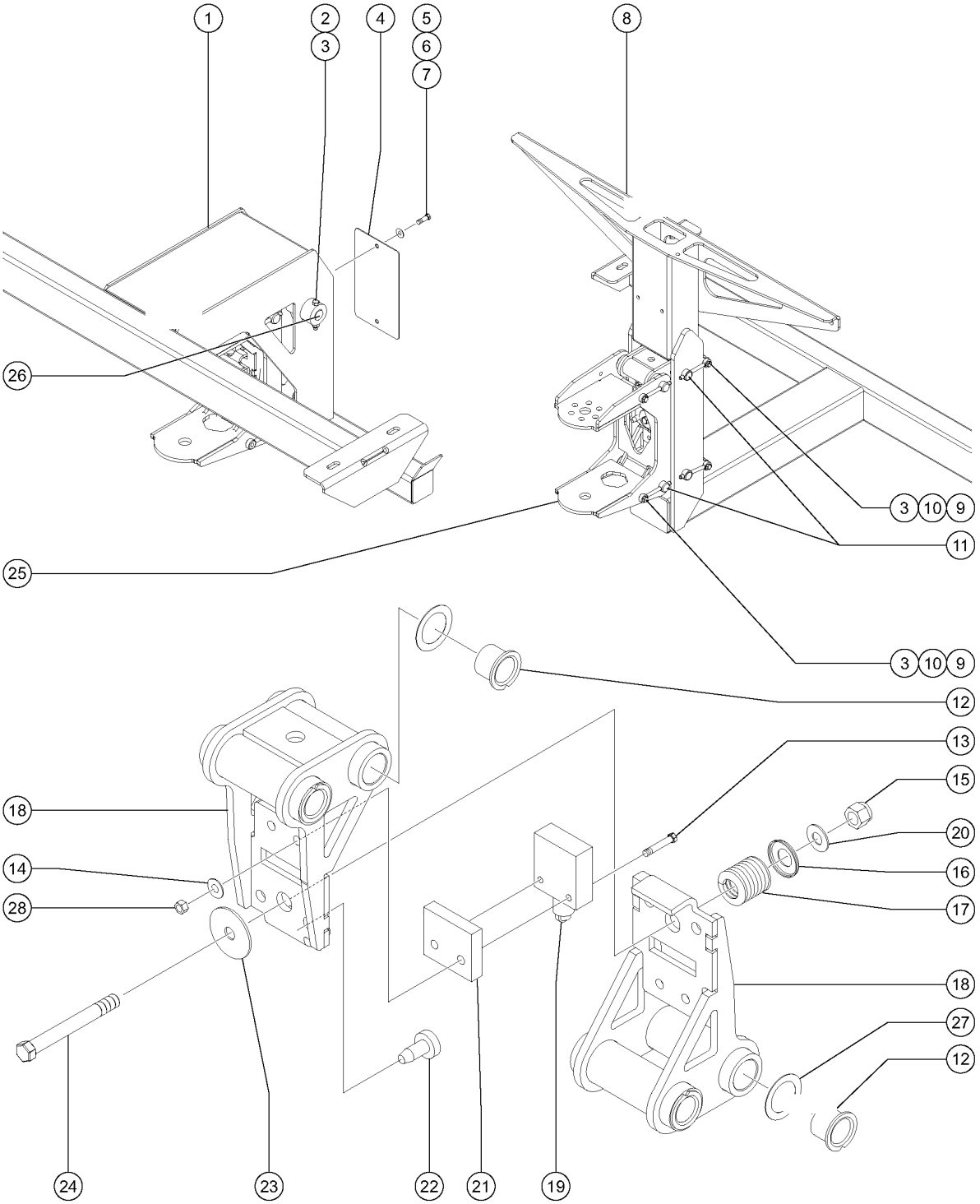
Item	Part No.	Description	Qty.
	128045GT	MODULE,LOAD SENSE 2007	
1	98154GT	WELDMENT,PLAT SUPPORT,LS non-jib models with platform overload option	1
1-	61998GT	WELDMENT,PLATFORM SUPPORT jib models with platform overload option	
2	4266GT	SCREW,HHC,1/4-20 X 2	
3	6091GT	NUT,NYLOCK,1/4-20	
4	94492PGT	PANEL,ACCESS 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

907.1 Platform Overload Option, Z-45/25



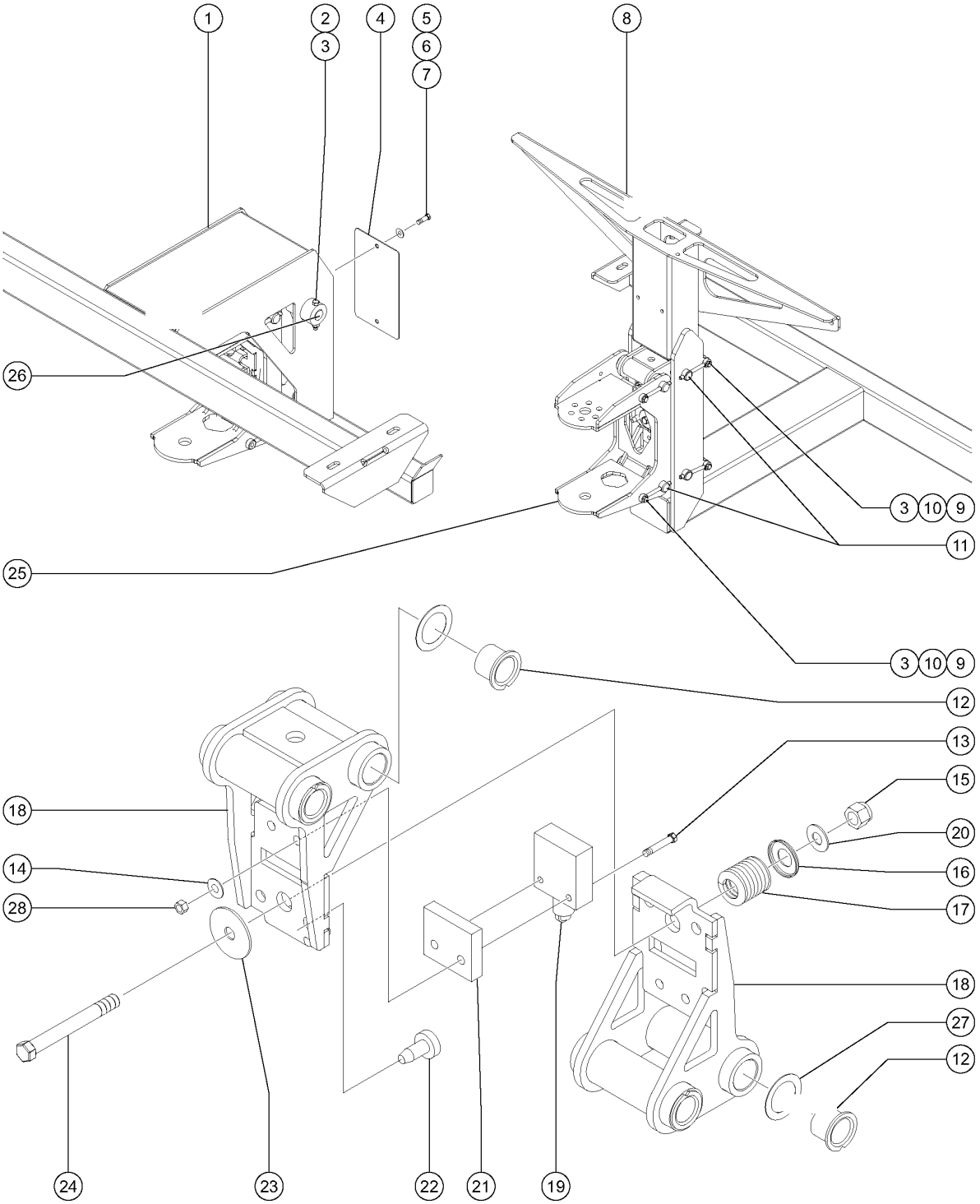
Item	*Part No.*	*Description*	*Qty.*
26-	94643GT	ZERK,GREASE,5/16-24,STRAIT	
27	110789GT	WASHER,SHIM .0151 THK.	as needed
28	5365GT	NUT,NYLOCK,10-24	

907.2 Platform Overload Option, Z-45/25J



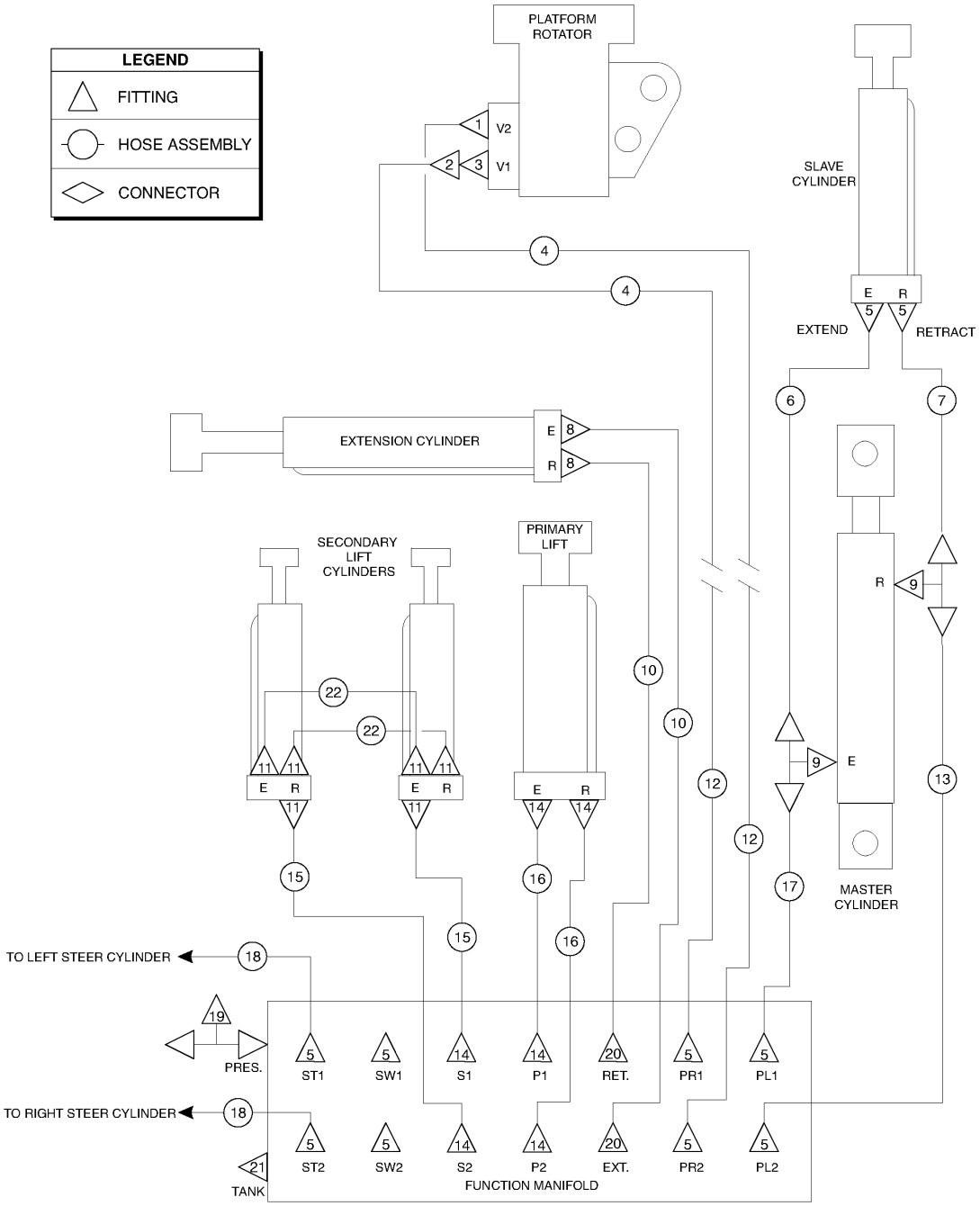
Item	Part No.	Description	Qty.
	128045GT	MODULE,LOAD SENSE 2007	
2	4266GT	SCREW,HHC,1/4-20 X 2	
3	6091GT	NUT,NYLOCK,1/4-20	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	6090GT	SCREW, HHC, 1/4-20 X .75	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
8	61998GT	WELDMENT,PLATFORM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



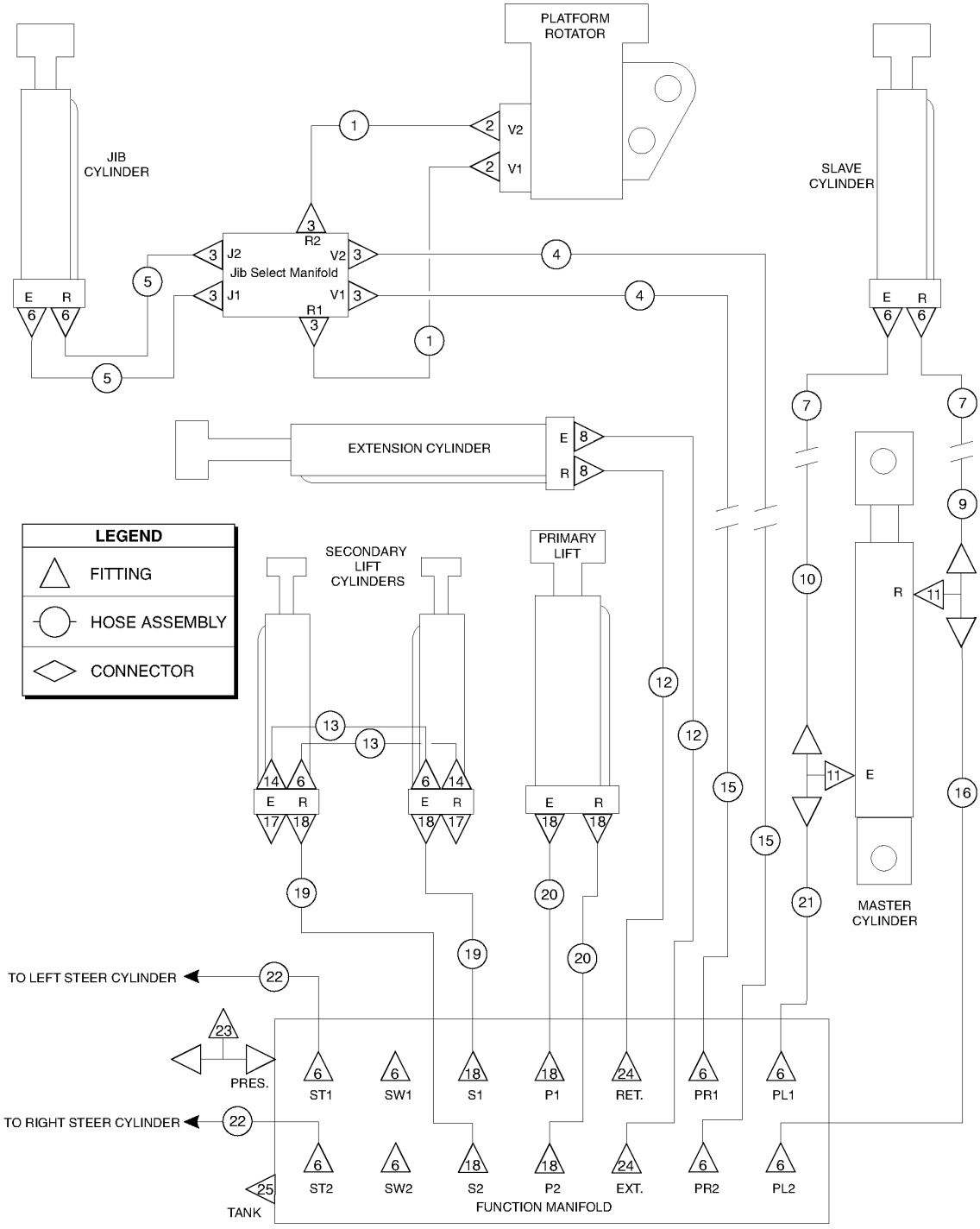
Item	*Part No.*	*Description*	*Qty.*
28	5365GT	NUT,NYLOCK,10-24	

908.1 Boom Hydraulic Hoses and Fittings, Arctic Hose Option



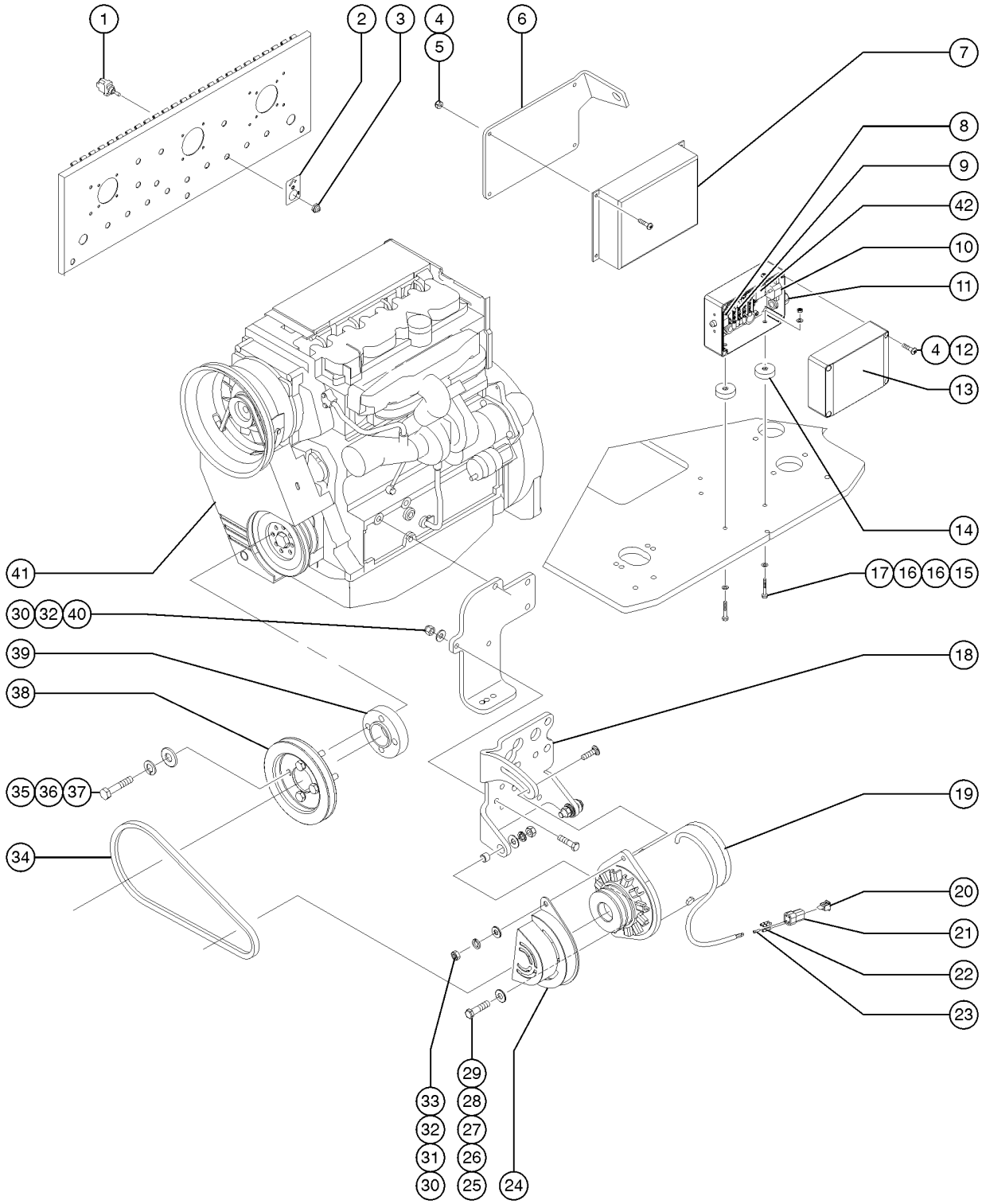
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48907GT	ELBOW,45D,520320-4	1
2	54132GT	ELBOW,SWIVEL 90D, 520221-4	1
3	48904GT	ELBOW, 90D, 520220-4	1
4	102233-25688GT	HOSE ASSY 1/4,STR FEM,STR MALE	2
5	48912GT	CONN,520120-4-6***	10
6	101792-26478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
7	101792-27978GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
8	48917GT	CONN,LONG,520122-6	2
9	48890GT	FITTING,TEE,BRANCH,520429-4***	2
10	102261-35381GT	HOSE ASSY,1/4 STR FEM,STR FEM	2
11	48905GT	CONNECTOR, 520120-4	6
12	101792-39378GT	HOSE ASSY,1/4.STR FEM,STR FEM	2
13	101792-36178GT	HOSE ASSY,1/4.STR FEM,STR FEM	1
14	48916GT	CONN, 520120-6	6
15	101792-16178GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
16	101792-38578GT	HOSE ASSY,1/4.STR FEM,STR FEM	2
17	101792-37678GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
18	49117-14391GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
19	48935GT	TEE,RUN, 520428-8	1
20	48930GT	CONN,520120-6-8	2
21	48933GT	CONN,520120-8***	1
22	49119-2278GT	HOSE ASSY,1/4,STR FEM,STR FEM	2

909.1 Boom Hydraulic Hoses and Fittings, Arctic Hose Option



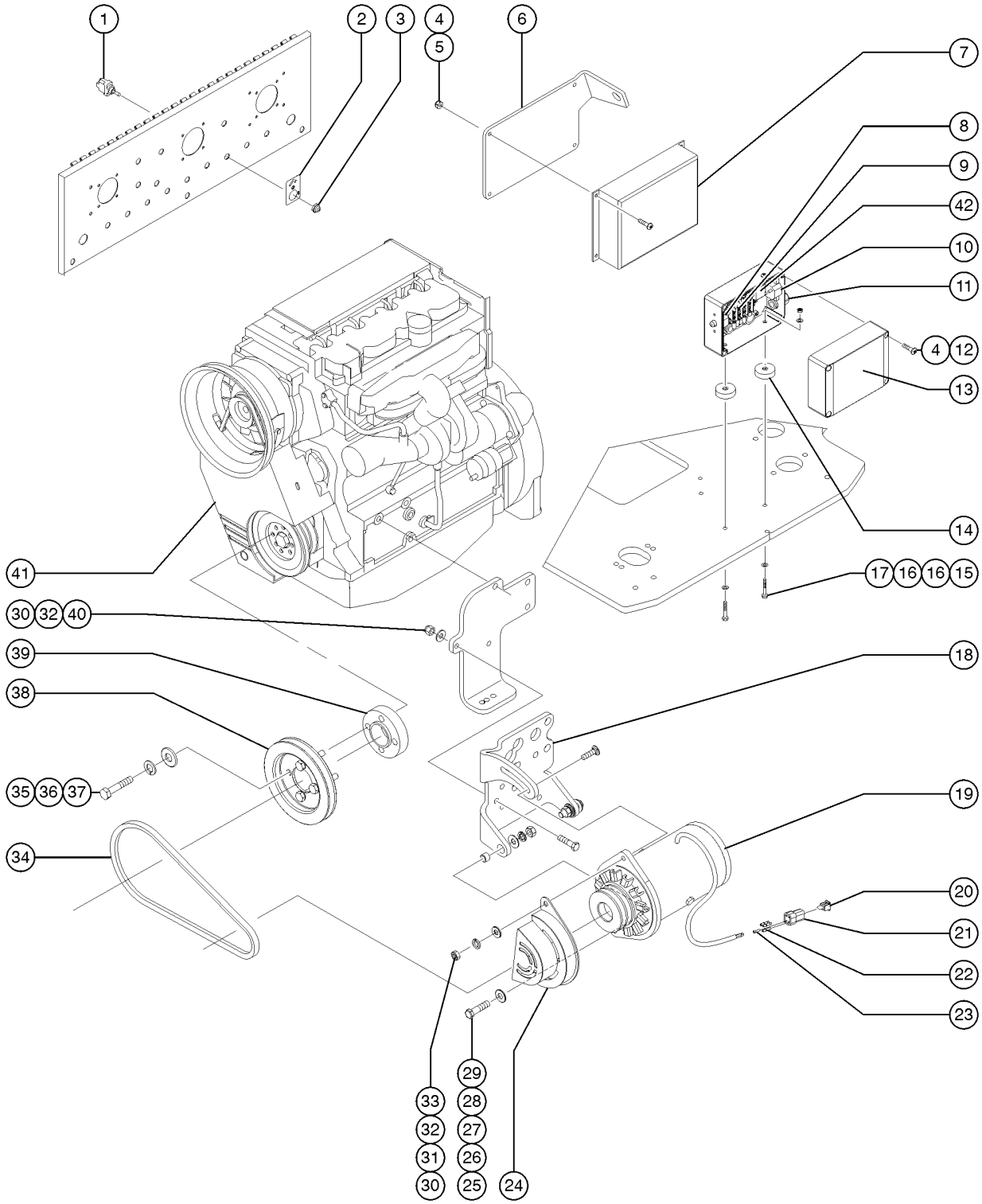
Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	101792-2178GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
2	48904GT	ELBOW, 90D, 520220-4	2
3	48905GT	CONNECTOR, 520120-4	6
4	102233-27788GT	HOSE ASSY 1/4,STR FEM,STR MALE	2
5	101792-5378GT	HOSE ASSY,1/4,STR FEM,STR FEM	
6	48912GT	CONN,520120-4-6***	14
7	102233-2088GT	HOSE ASSY 1/4,STR FEM,STR MALE	2
8	48917GT	CONN,LONG,520122-6	2
9	101792-23478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
10	101792-21978GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
11	48919GT	TEE,BRANCH,520429-6	2
12	102261-35381GT	HOSE ASSY,1/4 STR FEM,STR FEM	2
13	101792-2278GT	Hose Assembly - Components: Genie part numbers 48800, 48800 and 101697 @ 20 inches	2
14	48918GT	TEE,RUN,520428-6	2
15	101792-39378GT	HOSE ASSY,1/4.STR FEM,STR FEM	2
16	101792-36178GT	HOSE ASSY,1/4.STR FEM,STR FEM	1
17	48923GT	PLUG,090109A-6	2
18	48916GT	CONN, 520120-6	8
19	101792-16178GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
20	101792-38578GT	HOSE ASSY,1/4.STR FEM,STR FEM	2
21	101792-37678GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
22	49117-14391GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
23	48935GT	TEE,RUN, 520428-8	1
24	48930GT	CONN,520120-6-8	2
25	48933GT	CONN,520120-8***	1

910.1 Belt Driven Generator - Diesel Models



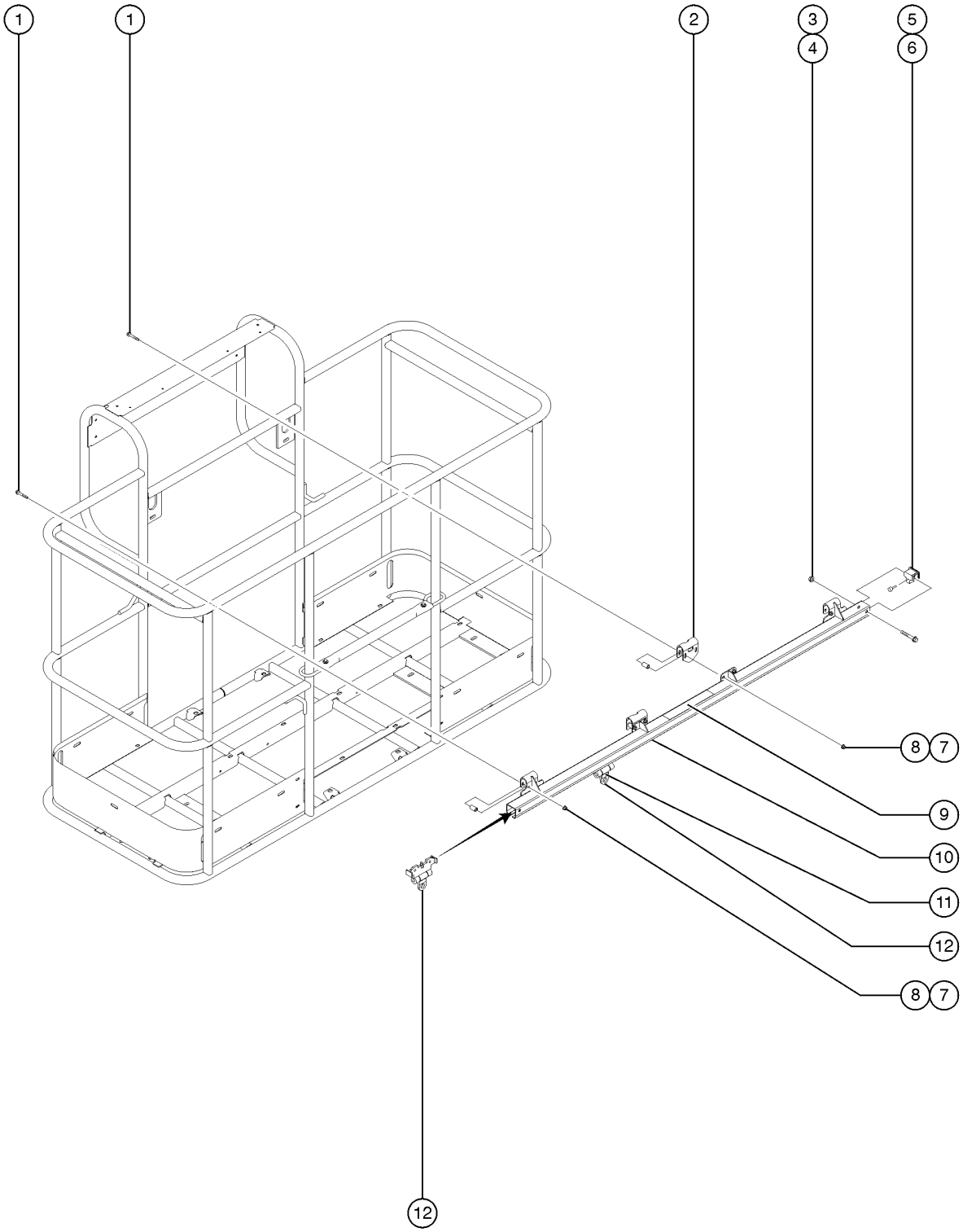
Item	Part No.	Description	Qty.
	106030GT	HARNESS, BD GEN.110V/60HZ Z45D	
	106566GT	HARNESS, BD GEN.220V/50HZ Z45D	
	101939GT	HARNESS, BD GEN.110V/60HZ Z45P	
	106565GT	HARNESS, BD GEN.220V/50HZ Z45P	
1	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
2	32728GT	DECAL,OPTION GENERATOR***	1
3	27246GT	BOOT,TOGGLE 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	
34	106535GT	BELT,AX33***	1
35	25927GT	SCREW,HHC,3/8-16X1.25,8,ZAG	
36	22700GT	WASHER,LOCK,M10	
37	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
38	70389GT	PULLEY,DEUTZ	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

911.1 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

Part no.	Page Number
1487GT	321, 323
1488GT	321, 323
4266GT	57, 59, 183, 187, 315, 331...
4828GT	31, 35, 43, 67, 71, 75...
5224GT	221
5365GT	59, 333, 337
5397GT	31, 35, 43, 57, 59, 65...
6019GT	65, 71, 75, 129, 159, 165...
6021GT	31, 35, 43, 57, 59, 61...
6024GT	145
6033GT	41, 43, 67, 125, 137, 151...
6037GT	135, 141, 173
6090GT	55, 65, 71, 75, 83, 91...
6091GT	65, 71, 75, 99, 103, 121...
6095GT	61, 65, 73, 77, 129, 131...
6096GT	73, 77, 131
6097GT	67, 71, 75, 99, 147, 151...
6145GT	103, 177, 211, 317
6146GT	59, 61, 99, 103, 121, 127...
6175GT	31, 35, 43, 71, 75, 101...
6178GT	61, 95, 99, 103, 113, 127...
6198GT	61, 65, 73, 77, 129, 131...
6326GT	179, 181, 207, 209
6356GT	37, 43, 57, 59, 65, 71...
6584GT	59, 149
6605GT	179
6637GT	197, 201, 343
6638GT	37, 43, 55, 57, 59, 65...
6708GT	31, 35, 43
6782GT	71, 75, 99, 219
6833GT	105, 131, 153, 173, 185. 189
6884GT	105
6886GT	131, 135, 153, 317
6888GT	37, 43, 65, 71, 75, 99...
6889GT	55, 71, 75, 105, 171, 315...
6935GT	231, 241, 249
7056GT	231, 241, 249, 343
7339GT	185, 189, 315
7713GT	173, 179, 183, 187, 203. 205...
7746PGT	315
8177GT	65, 125, 137, 151, 179, 181...
8179GT	185, 189
8255GT	61, 65, 195, 199, 221
8357GT	129, 131, 141, 159, 167. 171...
8425GT	343
8516GT	67, 71, 75, 99, 131, 147...
8914GT	231, 239, 315
8915GT	99, 165, 177, 217, 221
9599-SGT	315
10587GT	183
10597GT	43, 67
10598GT	151
10775GT	233, 241
10777GT	233, 241
11210GT	345
12011GT	203, 205, 207, 209
12343GT	95
12344GT	247, 249
12906GT	99, 103
13000GT	71, 75, 127
13002GT	123, 219, 317
13014GT	133, 161, 165, 175
13037-SGT	327
13064GT	41, 53, 61, 145
13066GT	55, 137, 281
13268GT	65
13585GT	233, 241
13852GT	211, 217
13918GT	195, 199, 329, 345
14033GT	43, 57, 59, 71, 75
15086GT	127, 133, 175, 331, 335
15243GT	85, 93
16073GT	325
16584GT	135, 141, 173
17712GT	105
18503GT	123, 127, 155, 169
18504GT	177, 203, 205, 207, 209
18506GT	133, 173
18596GT	31, 35, 43
18963GT	313
19018-1100GT	317
19207GT	265
19274GT	107, 111, 245, 249
19418GT	53
19440GT	31, 35
19491GT	61, 195, 199
19506GT	81, 89
19859GT	125
20193GT	39
20224GT	257, 259, 267, 269
20262GT	225
20912GT	345
21019GT	121, 161, 165
21130GT	57, 59, 137, 151, 171
21141GT	67
21143GT	39, 47
21144GT	39, 47
21145GT	39, 47
21146GT	39, 47
21148GT	39, 47
21149GT	39, 47
21166GT	41
21175GT	61
21465GT	103, 105
21496GT	57, 59, 137, 171
21604GT	331, 335
21982GT	81, 89
22558GT	141, 151
22578GT	137, 149
22672GT	115, 127
22699GT	155, 169, 171, 173, 345
22700GT	123, 131, 137, 151, 345
22736GT	155, 169, 171, 173
22788GT	41, 125, 153, 281, 329
22811GT	55
23057GT	113, 131, 153, 159, 173
23404GT	55, 97
24037GT	131, 171, 175
24038GT	127, 133, 165, 175
24040GT	129, 131, 141, 151, 161. 167
24165GT	125
24514GT	225
25068GT	61
25548GT	123
25571P-SGT	125
25625GT	149

Part no.	Page Number
25683GT	31, 211, 217
25685GT	331, 335
25817GT	31, 35, 131, 145, 151, 167...
25926GT	129
25927GT	345
25929GT	153
25994GT	13, 19
27010GT	125
27034GT	131
27067GT	53, 279
27089GT	105
27126GT	177
27142GT	123
27155GT	327
27204GT	13, 19, 25, 29
27205GT	13, 19, 25, 29
27206GT	13, 19, 25, 29
27207GT	13, 19, 25, 29
27211-0250GT	113
27246GT	79, 81, 83, 87, 89, 91...
27287GT	245
27377GT	99
27497GT	215
27506GT	177
27564GT	11, 17
27586GT	67
27759GT	269
27802GT	265
27804GT	269
27807GT	265, 267
27836GT	257, 261
27887GT	325
27890GT	325
27894GT	325
27895GT	325
27900GT	325
27915GT	143, 147, 155, 167
27916GT	143, 147, 155, 167
27943GT	133, 175
28076GT	145
28117GT	41, 53
28158GT	11, 17, 23, 27
28159GT	11, 17, 23, 27
28160GT	11, 17, 23, 27
28161GT	11, 17
28164GT	13, 19
28165GT	11, 17
28171GT	13, 19, 23, 27
28174GT	11, 17, 23, 27
28175GT	13, 19
28176GT	11, 17
28177GT	13, 19
28181GT	13, 19
28235GT	11, 17, 23, 27
28236GT	11, 17
28301GT	99
28322GT	315
28323GT	315
28328GT	315
28329GT	315
28647GT	113, 119
28656GT	115, 121
28717GT	123
28807GT	315
28853GT	327
29080GT	195, 199
29555GT	147
29557GT	135
29559GT	135
29560GT	135, 149
29606GT	123, 129
29616GT	123, 129
29739GT	279
29749GT	153, 167
29883GT	53
30080GT	11, 17
30138GT	195, 199
30219GT	211
30221GT	179, 181
30222GT	217
30255GT	197, 201, 215
30370GT	191, 193
30438GT	135, 141
30468GT	317
30502-SGT	327
30785-500GT	59
30785-600GT	57
30806GT	137
30810GT	115
30971GT	113, 125, 147, 155
30997GT	95
31060GT	11, 17
31100GT	267
31406GT	261
31408GT	327
31523GT	145, 149
32309GT	115
32611GT	279
32675GT	39
32681GT	57, 59
32695GT	135, 141
32698GT	145, 149
32726GT	327
32728GT	13, 19, 23, 27, 329, 343
32975GT	265
33024GT	123, 137, 151
33239GT	145, 149
33277GT	155, 159
33278GT	211, 219
33361GT	121
33418GT	145
33432GT	39
33521GT	261
33550GT	23, 27
33555GT	99
33674GT	321
33724GT	233, 241
33729GT	137
33952GT	11, 17
33957GT	115
33960GT	115, 127
33963GT	115, 119
33964GT	115
33966GT	115, 119
33968GT	115
33970GT	117, 119

Part no.	Page Number
33972GT	115
33988GT	125, 137, 281
34052GT	97
34053GT	97
34054GT	97
34055GT	97
34059GT	135
34125GT	195, 199
34162-800GT	125, 155, 159
34245GT	217
34265GT	145
34276GT	191, 193
34321-SGT	315
34619GT	143, 315, 331, 335
35586GT	145, 149
35609GT	327
35610GT	327
35675GT	217
35956GT	317
36198GT	31
36203GT	123
36208GT	115
36294GT	213, 219
36388GT	347
36872GT	121, 141, 177
37002GT	125
37003GT	137, 151
37017GT	125
37033GT	135
37097GT	39, 47, 49
37505GT	145, 159, 165, 171, 175
37947GT	81, 89
37950GT	141, 145
38113GT	53
38620GT	195, 199
38922GT	121, 123
39346GT	271
39478GT	67
40412GT	265
40434GT	11, 17, 23, 27, 347
42104GT	321, 323
42360GT	55
42439GT	177
42502GT	195, 199
42646GT	95
43018GT	215, 275
43181GT	107, 111
43392GT	227, 321, 323
43595GT	11, 17
43597GT	257
43599GT	261
43601GT	269
43663GT	11, 17
43683GT	125, 137, 279
43956GT	109, 111, 329
43960GT	183, 187, 225
44064GT	137, 171, 173
44168GT	271
44174GT	275, 277
44216GT	273
44228GT	273
44235GT	273
44981GT	13, 19, 23, 27
44986GT	13, 19
45071GT	31, 35, 43, 179, 181
45074GT	31, 35
45112GT	41
45113GT	41
45114GT	41
45161GT	67, 301
45171GT	133
45363GT	99, 105
45383GT	231, 239
45384GT	79, 81, 83, 87, 89, 91...
45385GT	245, 249
45400GT	345
45454GT	131
45462GT	313
45873GT	41
45912GT	265, 267, 269, 275
46131GT	113, 123
47186GT	145
47228GT	71, 75
48751-463GT	203, 205
48880GT	257, 259
48890GT	283, 287, 291, 309, 339
48891GT	283, 285, 287, 289, 293. 299
48899GT	301
48904GT	63, 257, 259, 275, 283, 285...
48905GT	259, 275, 285, 289, 291. 295...
48906GT	283, 285, 287, 289, 291. 295
48907GT	257, 283, 285, 287, 289. 301...
48908GT	285, 289, 295
48911GT	285, 295, 299
48912GT	283, 287, 289, 291, 293. 299...
48914GT	299
48916GT	301, 305, 309, 311, 339. 341
48917GT	309, 311, 339, 341
48918GT	311, 341
48919GT	311, 341
48922GT	301, 303
48923GT	311, 341
48930GT	291, 295, 305, 309, 311. 339...
48932GT	257, 283, 285, 287, 289. 299...
48933GT	257, 259, 283, 285, 287. 289...
48935GT	285, 287, 291, 295, 309. 311...
48936GT	261, 285, 289, 291, 295
48939GT	291, 295
48946GT	291, 295, 301, 305
48947GT	285, 289, 295
48948GT	257, 261, 283, 287, 291. 295...
48949GT	305
48959GT	307
48960GT	257, 261, 283, 285, 287. 289...
48961GT	301
48962GT	301
48977GT	303, 305
48978GT	301, 305
48983GT	305
48985GT	301, 305
48986GT	303
48994GT	301
48996GT	69, 307
48997GT	267, 269
48999GT	305
49000GT	67

Part no.	Page Number
49107-3063GT	287
49107-3463GT	291
49107-3863GT	283, 291
49108-2329GT	301
49109-7729GT	301
49110-2992GT	287
49110-3392GT	283, 293
49117-2091GT	299
49117-2591GT	287
49117-3191GT	299
49117-3291GT	289
49117-3791GT	299
49117-4291GT	287
49117-4391GT	283, 293
49117-5091GT	283, 285, 291, 295
49117-5191GT	287
49117-5291GT	289
49117-5891GT	283, 291, 293, 295, 297
49117-6091GT	285
49117-11091GT	287, 289
49117-14391GT	283, 285, 291, 295, 309, 311...
49119-2078GT	287, 289
49119-2278GT	309, 339
49119-2374GT	311
49119-3078GT	283, 285, 291, 295
49119-3778GT	289, 311
49119-5078GT	295, 301, 305
49119-5178GT	301
49119-5378GT	285, 311
49119-5878GT	305
49119-16178GT	309, 311
49119-21978GT	311
49119-23478GT	311
49119-26478GT	309
49119-27978GT	309
49119-36178GT	309, 311
49119-37678GT	309, 311
49119-38578GT	309, 311
49119-39378GT	309, 311
49120-35381GT	309, 311
49121-2088GT	311
49121-25688GT	309
49121-27788GT	311
49126-2733GT	301
49133-5140GT	291, 295
49141-2463GT	301
49141-5863GT	307
49143-2729GT	305
49143-3029GT	287
49143-3329GT	305
49143-3729GT	283, 291, 299
49143-4229GT	283, 291
49149-1726GT	303
49149-10826GT	301
49150-3630GT	305
49151-8248GT	301
49156-10856GT	301
49159-4618GT	301
49177-2094GT	137
49183-2692GT	287
49183-4092GT	283, 291
49207GT	257, 259
49376GT	129
49407GT	137, 149
49408GT	113, 153, 173
49411GT	141, 151, 159, 165, 171, 175
49612GT	257, 259, 283, 285, 287, 289...
49613GT	257, 259, 283, 285, 287, 289...
49735GT	113
49741GT	13, 19
49768GT	57, 59
49772GT	185, 189
49775GT	195, 199
49816GT	99, 103
49817GT	55, 113, 127
49820GT	247, 249
49826GT	97, 343
49859GT	283, 285, 287, 289
49863GT	137, 217, 219
49881GT	115
49898GT	113, 127
49915GT	141, 145
49917GT	137
49919GT	135
49921GT	135
49923GT	135
49924GT	135, 149
49929GT	135
50028PGT	41, 65
50266GT	183, 187
50304GT	201
50315GT	197
50328-SGT	33, 35
50411GT	61
50416PGT	67
50437PGT	131
50446GT	123
50451GT	205, 209
50452GT	203, 207
50455GT	179, 181
50460GT	179, 181
50466-SGT	217
50469GT	61
50479-SGT	183, 187
50480GT	191, 193, 215
50517-SGT	183, 187
50542GT	191, 193
50543GT	211, 215
50546GT	197, 201, 215
50548PGT	185, 189
50552GT	197, 201
50560GT	31
50564GT	139
50569PGT	73
50570GT	73
50574GT	113
50579PGT	145
50580-SGT	99
50581PGT	101, 143
50584GT	195, 199
50667GT	43
50668GT	43
50669GT	43
50696PGT	119, 141
50698GT	197, 201
50709PGT	131

Part no.	Page Number
50710PGT	131
50742GT	31
50754PGT	71, 75
50761GT	135, 141
50762-SGT	71
50762PGT	75
50776PGT	61
50787-SGT	137, 149
50789PGT	99
50900GT	33
50901PGT	33
50919GT	37, 45
50920GT	37, 43
50937GT	71, 75
50941GT	147
50943GT	37
50947PGT	33
50952-SGT	187
50955GT	37, 45
50965PGT	103
50971GT	103
50974GT	99
50976PGT	133
50985GT	147
50989GT	145
50995GT	145
50996GT	147
51063GT	61
51131GT	145
52077GT	115
52078GT	115
52087GT	39, 53
52179GT	105
52352GT	149
52353GT	135
52371GT	275, 277
52376GT	273
52447GT	11, 17
52566GT	113
52570GT	113, 119
52573GT	115
52575GT	115, 119
52579GT	113
52580GT	115
52592GT	113
52607GT	11, 17
52656GT	113
52658GT	143, 147, 155, 167
52672GT	11, 17
52704-SGT	31
52705-SGT	31
52706-SGT	31, 35
52707-SGT	43
52713GT	269
52715GT	265
52716GT	265
52718GT	265, 269
52720GT	259
52723GT	259
52724GT	261
52726GT	257, 259
52728GT	185, 189, 191, 193
52729GT	183, 187
52731GT	37
52733-SGT	31, 35
52734-SGT	31, 35
52735GT	35
52738GT	183, 187
52740GT	183, 187
52741GT	183, 187
52742-SGT	183, 189
52762GT	115, 125
52773GT	101
52774-SGT	103
52784GT	13, 19
52866GT	143, 155, 167
52897GT	275
52906GT	273
52907GT	271, 273
52943GT	257, 261, 275
52969GT	13, 19, 25, 29
53157-SGT	315
53605GT	67
53808-SGT	315
53808GT	315
53821PGT	113
53832GT	125
53910GT	123
53952GT	121, 123, 147, 155, 167
54063GT	197, 201
54065GT	211, 217
54073GT	105
54123GT	65
54124GT	65
54127GT	57
54131GT	195, 199
54132GT	309, 339
54139GT	45
54140GT	45
54145-800GT	61
54146GT	99
54156GT	179, 181
54157GT	195, 199
54160GT	67
54168GT	183, 187
54189GT	133, 175
54204GT	67
54205GT	67
54207GT	329
54207PGT	143
54209GT	123
54217GT	279
54222GT	279
54230PGT	103
54233GT	103
54234GT	45
54239GT	183, 189
54244-SGT	177
54247PGT	225
54255GT	85, 93, 247, 251
54259GT	245, 249
54280GT	145
54288PGT	73, 75
54289GT	71, 75
54301GT	135
54302GT	179, 181

Part no.	Page Number
54331GT	179, 181, 191, 193
54363GT	99
54365GT	245, 249
54368GT	217
54411GT	53
54412GT	53
54432GT	177
54437GT	65
54457GT	323
54458GT	321
54460GT	203, 207
54461GT	205, 209
54486GT	103, 317
54487PGT	131
54510-SGT	219
54516GT	95
54517PGT	171, 173
54518PGT	173
54519PGT	171
54520-SGT	211, 227
54525GT	95
54527-SGT	215
54530GT	197, 201
54531PGT	127
54534GT	97
54535PGT	155
54538GT	171, 175
54542GT	31, 35, 43
54543GT	159, 173
54546PGT	175
54547GT	155
54556GT	153
54557GT	33, 35, 55
54567GT	31
54570GT	195, 199
54572GT	257, 259
54578GT	161, 175
54579GT	165, 175
54581PGT	175
54582PGT	153
54583PGT	155
54584GT	173
54585GT	173
54591GT	133
54598PGT	133
54599PGT	133
54601PGT	175
54602PGT	175
54608GT	133
54608PGT	101
54610GT	37, 45
54611GT	37, 45
54614GT	37, 45
54616GT	101, 133
54627GT	37, 47
54687GT	159, 165, 171, 175
54690GT	131
54691GT	131
54692GT	327, 329
54723GT	101
54726GT	179
54738GT	179, 181, 191, 193
54790GT	135
54815GT	259
54830GT	203, 205, 207, 209
54840GT	41
54862GT	115, 127, 133
54922PGT	71, 75
54959GT	41
54960GT	41
54961GT	41
54962GT	41
54981GT	203, 207
54983GT	205, 209
54984PGT	205, 209
54985PGT	203, 207
54994GT	215
55067GT	219
55753GT	103, 315, 317, 321
56029GT	245, 249
56030GT	245, 249
56057GT	95
56093GT	343
56338GT	47
56424GT	227, 319, 321
56445GT	135
56457-SGT	329
56525GT	317
56561GT	245, 249
56562GT	245, 249
56570GT	317
56680GT	61, 63
56704GT	313
56848GT	79, 81, 87, 89, 231, 235...
56849GT	71, 75
56900GT	61
56912GT	37, 43, 69, 221, 319, 321...
56925GT	211, 219
56927GT	71, 75
57075GT	131, 173, 233, 241
57201GT	281
58176GT	145
58222GT	101
58223GT	101
58237GT	49
58247GT	121, 123
58256GT	135
58290GT	279
58320GT	49, 51
58354GT	163
58415GT	143, 155, 167
58428GT	49
58431GT	279
58438GT	39, 47, 49
58448GT	47, 49
58490GT	65
58589GT	41
58598GT	113
58599GT	113
58900GT	115
58917GT	143, 147, 155, 167
58919GT	203, 205, 207, 209
58920GT	203, 205, 207, 209
58927GT	203, 205, 207, 209
58967GT	103
59579GT	173

Part no.	Page Number
60036GT	121
60047-SGT	313
60059GT	37, 45
60074PGT	183, 187
60077GT	147
60084GT	37, 45
60085GT	37, 45
60139GT	67
60143-SGT	67
60160PGT	225
60334GT	101
60428GT	185, 189
60429GT	185, 189
60442GT	183, 185, 187, 189
60443GT	183, 185, 187, 189, 245, 249
60526GT	247, 249
60527GT	85, 93, 345
60528GT	85, 93, 343
60707GT	343
60738GT	343
60739GT	343
60757GT	83, 91, 345
60790GT	345
60857GT	101, 119, 141
60868GT	155, 169
60887GT	343
60922GT	315
61143-3963GT	295
61195GT	343
61306-SGT	215
61726GT	331, 335
61972GT	331, 335
61974GT	331, 335
61975GT	331, 335
61987GT	331, 335
61998GT	331, 335
62255GT	265, 269
62258GT	265
62263GT	257, 261, 265
62273GT	257, 261, 265, 267, 269
62274GT	265, 269
62324GT	273
62341GT	271, 273
62346GT	273
62392GT	253
62398GT	253, 255
62420GT	143, 155, 167
62421GT	153
62433GT	165
62506GT	275
62507GT	275
62509GT	211, 217
62815GT	271
62926GT	19, 29
62927GT	13, 25
62947GT	13, 19, 25, 29
62948GT	13, 19, 25, 29
63311GT	323
63426GT	123, 137
63427GT	123
63463GT	143, 155, 167
64079GT	129
65301GT	11, 17
65449GT	263
65454GT	115
65456GT	115
65473GT	165
65534GT	53
65542GT	153
65600GT	265
65608GT	55
65618GT	53, 55
65630GT	315
65633GT	197, 201
65636GT	153
65637GT	153
65638GT	153
65639GT	153
65770GT	113, 119
65788GT	197, 201
65789GT	215
65791GT	31
65810GT	143, 147, 155, 167
65815GT	143, 147, 155, 167
65887GT	103
65892GT	103
66031GT	175
66811GT	79, 87
66812GT	81, 89, 229, 239
66813GT	231, 239
66815GT	231, 239
66816GT	79, 87, 231, 239
66818GT	81, 89, 229, 239
69776GT	343
70367GT	159
70375GT	145, 149
70381GT	151
70389GT	345
70452GT	141, 151, 159
70453GT	135
70460PGT	149
70461PGT	141
70488GT	119
70525GT	129
70527GT	129
70534GT	191, 193
70608GT	177
70609GT	177
70645GT	143, 177
70646GT	177
70648PGT	343
70685PGT	185, 189
71909GT	103
71910GT	115
72043GT	257
72047GT	269
72085GT	13, 19
72255GT	135
72256GT	99
72282GT	313
72292GT	279
72307GT	49
72326GT	231, 239, 313
72327GT	127, 133, 175
72339GT	163
72340GT	163

Part no.	Page Number
72342GT	159, 163
72343GT	127, 173
72348GT	153
72350GT	171
72442GT	11, 17, 23, 27
72867GT	13, 19
73233GT	225, 247, 249
73477PGT	225
73575GT	225
73599GT	67
73610PGT	227
73634GT	331, 335
73711GT	247, 249
73712GT	345
73713GT	183, 185, 187, 189, 247. 251
73714GT	85, 93, 185, 189
73717GT	247, 249
73723GT	247, 249
73725GT	183, 185, 187, 189
73736GT	85, 93, 247, 251
73739GT	225
73749GT	83, 91
73751GT	85, 93
73753GT	85, 93
73754GT	85, 93
73803GT	247, 251
73805GT	81, 89
73807GT	275
73900GT	223
74006GT	233, 241
74099GT	47
74375GT	49
74389GT	31, 35
74714GT	47, 49
74911GT	95
74913GT	95
74917GT	95
74920GT	95
74921GT	95
74922GT	95
74923GT	95
74924GT	95
74990GT	263
75020GT	165
75041GT	313, 343
75073GT	99, 103
75076GT	101, 103
75143GT	253, 255
75278-2329GT	305
75278-8229GT	305
75443GT	255
75444GT	255
75445GT	255
75446GT	255
75447GT	255
75448GT	255
75449GT	255
75453GT	271
75471GT	125
75574GT	299
77014GT	191, 193
77026GT	55
77027GT	55
77036GT	203, 205
77046GT	13, 19, 25, 29
77051GT	211, 219
77066GT	65
77067GT	107
77069GT	65
77070GT	65
77071GT	65
77072GT	65
77106GT	197, 201
77114GT	119
77152GT	55
77153GT	55
77162GT	257
77163GT	257
77165PGT	123
77166GT	113
77170GT	127, 133
77181GT	221
77183GT	13, 19
77186GT	269
77189GT	191, 193
77219GT	103
77233PGT	145
77239GT	53
77240GT	53
77243GT	43
77245PGT	145, 151
77246GT	61
77247GT	329
77250GT	275
77264GT	275
77295GT	121, 123
77302GT	43
77303GT	179, 181
77309GT	291, 295
77311-5906GT	291, 295
77312-3577GT	293, 297
77328PGT	103
77351GT	245, 249
77353GT	69
77354GT	69
77356GT	103
77362GT	191, 193
77363GT	211, 217
77364GT	191, 193, 211, 217
77365GT	69
77375GT	197, 201
77376GT	197, 201
77379GT	137
77387GT	279
77402GT	137, 151, 165, 171
77409GT	31
77410GT	197, 201
77411GT	267
77420GT	107, 111
77424GT	107, 111
77426GT	107, 111, 145
77429GT	107, 111
77476GT	163
77478GT	163
77481GT	163
77482GT	163

Part no.	Page Number
77483GT	163, 165
77484GT	163
77485GT	163
77521GT	179, 181
77523GT	11, 17
77524GT	103
77692GT	219
77788GT	279
77819GT	279
77823GT	71, 75, 79, 87
77892GT	211
77990GT	279
79456GT	221
80391GT	169
80543GT	233, 241
80825-200GT	129
81013GT	279
81069GT	345
81096GT	231, 241
81175GT	217
81368GT	317
81403GT	269
81458GT	233, 241
81487PGT	245, 249
81488GT	229, 237, 245, 249
81550GT	245, 249
81551GT	245, 249
81570GT	233, 241
81578GT	71, 75
81631GT	113
81640GT	221
81669GT	279
81691GT	59
81812-3592GT	289
81812-3892GT	295
81812-3992GT	285
81812-7628GT	291, 295
82238GT	13, 19, 23, 27
82243GT	15, 21
82244GT	15, 21
82283GT	11, 17
82366GT	11, 17
82431GT	279
82472GT	23, 27
82473GT	23, 27
82487GT	23, 27
82544GT	23, 27
82545GT	23, 27
82548GT	23, 27
82602GT	23, 27
82604GT	23, 27
82631GT	23
82632GT	27
82633GT	23, 27
82644GT	13, 19
82646GT	23, 27
82918GT	11, 17
83005GT	275
83006GT	275
83042GT	211, 217
83110GT	49
84080GT	329
84135GT	257, 259, 261
85053GT	151, 155, 169
85054GT	149
85059GT	155, 169
85300GT	315
88203GT	179, 181
88244GT	67
88269GT	101
88316GT	79, 87
88337GT	33, 35
88338GT	33, 35
88356-11103GT	61, 185, 189, 195, 199
88356-11163GT	183, 187
88356-11205GT	195, 199
88370PGT	183, 187
88448GT	127
88450GT	115, 123, 129
88451GT	113, 127
88452GT	113, 127
88455GT	113
88513GT	271
88516GT	217
88606PGT	315
88609-SGT	315
88623GT	95
88635-3424GT	61
88636-9073GT	299
88637GT	79, 87
88700GT	265
88721-72000GT	107, 111, 247, 251
88721-73000GT	107, 111, 247
88722-72000GT	107, 111
88722-73000GT	107, 111, 251
88723-71000GT	107, 111, 251
88723-72700GT	107, 111, 247
88724GT	107, 111
88725GT	107, 111
88728GT	39, 47
88752GT	31, 35
88846GT	167
88847GT	167
88917GT	69
88942-4854GT	301, 305
88949-3828GT	305
88949-4928GT	305
88987PGT	161
88988PGT	165
88989PGT	165
88990PGT	169
89301GT	265
89307GT	267, 269
89310GT	259
89312GT	265, 275
89337GT	225
89763GT	163
89765GT	159
89771GT	153, 167
89772GT	155, 167
89773GT	155, 167
89780GT	149
89785GT	137
89792GT	149
89862GT	275
89863GT	271

Part no.	Page Number
89864GT	275
89908GT	343
94077GT	177
94195GT	195, 199
94324GT	121
94374-10830GT	305
94378PGT	165, 171
94464-4386GT	289, 295
94464-4886GT	289
94464-4986GT	285
94464-5086GT	295, 299
94464-6286GT	285
94485GT	137, 151, 171
94492PGT	331, 335
94506GT	81, 89, 231, 239
94526GT	69
94529GT	185, 189
94530GT	185, 189
94531PGT	185, 189
94536GT	39, 47
94549GT	245, 249, 335
94612GT	67
94614GT	271
94616GT	271
94617GT	273
94618GT	273
94619-3038GT	305
94642GT	331
94643GT	331, 333, 335
94656GT	37, 45
94657GT	37, 45
94660GT	37
94661GT	37
94662GT	39, 45
94663GT	39, 45
94666GT	39, 45
94667GT	39, 45
94670GT	37, 39, 45
94671GT	37, 39, 45, 47
94679GT	107, 111
94745GT	227
94745PGT	315
94762GT	153, 165
94774GT	107, 111
94880GT	53, 55
94914PGT	159
94927GT	159
94931GT	127
94936GT	119
96008-SGT	81, 89
97128GT	61, 183, 185, 187, 189, 195...
97571GT	13, 19
97602GT	15, 21
97815GT	23, 27
97887GT	13, 19
97890GT	11, 17
98154GT	331
99174GT	331
101005GT	231, 239, 255
101005HGT	231, 239, 255
101006GT	143
101010GT	95
101043GT	101
101044GT	171
101055GT	273
101063GT	119
101064PGT	119
101080GT	107, 111, 249
101118PGT	119
101119PGT	127
101121PGT	121
101122PGT	127
101123PGT	127
101124GT	121
101126PGT	119
101127PGT	119
101128PGT	119
101129PGT	151
101130PGT	141
101137PGT	143
101138PGT	151
101140P-SGT	149
101151PGT	121
101174GT	231, 239, 253
101174HGT	231, 239, 253
101175GT	229, 237, 253
101175HGT	229, 237, 253
101277GT	273
101294GT	279
101295GT	129
101512GT	331, 335
101573GT	101
101574GT	103
101576PGT	73
101577PGT	71
101584GT	49, 51
101587GT	53
101590GT	257
101593PGT	121
101726GT	65
101727GT	65
101729GT	129, 141, 151, 159, 167
101730GT	129, 141, 151, 159, 167
101773PGT	161
101792-2178GT	341
101792-2278GT	341
101792-5378GT	341
101792-16178GT	339, 341
101792-21978GT	341
101792-23478GT	341
101792-26478GT	339
101792-27978GT	339
101792-36178GT	339, 341
101792-37678GT	339, 341
101792-38578GT	339, 341
101792-39378GT	339, 341
101815GT	61
101844GT	79, 87
101849GT	107, 111
101852GT	321
101853GT	323
101886GT	107, 111
101887GT	107, 111
101909GT	143
101911GT	143
101912GT	143

Part no.	Page Number
101939GT	343
101948GT	179, 181
101998GT	127
101999PGT	129
102119GT	125, 129
102158GT	55
102233-2088GT	341
102233-25688GT	339
102233-27788GT	341
102261-35381GT	339, 341
102588GT	149
102681GT	343
102785PGT	315, 317
102992GT	225
104759GT	275, 277
104804GT	227
106030GT	343
106065GT	67
106069GT	99
106098GT	53
106117GT	51, 55
106118GT	53
106119GT	49, 51
106120GT	49, 51
106121GT	49, 51
106122GT	49, 51
106123GT	49, 51
106124GT	49, 51
106125GT	49, 51
106144GT	113
106148GT	47, 49
106150GT	53, 55
106151GT	53
106178GT	121
106197PGT	129
106271PGT	119
106279GT	61, 107, 111
106403GT	53, 55
106485GT	119
106486GT	119
106526GT	213
106531GT	345
106535GT	345
106540GT	215
106565GT	343
106566GT	343
106581GT	207, 209, 215, 217
106585GT	207, 209
106589GT	215
106663GT	169
106676GT	99
106740GT	345
106804PGT	207, 209
106807PGT	99
106835GT	279
106836GT	279
106837GT	279
107595GT	213
107727GT	179, 181
107807GT	131, 145, 151, 165, 173, 177
107813GT	279
107814GT	279
107815GT	279
107842GT	281
107858GT	317
107871GT	101
107872GT	101
107889GT	67
107896GT	185, 189
107901GT	207, 209, 217
110185GT	43
110194GT	257, 261
110200GT	261, 265, 267
110304GT	121, 133, 165, 175
110345GT	67
110382GT	177
110388GT	229, 237
110393-SGT	329
110394-SGT	329
110531GT	219
110712GT	37, 39, 45, 47
110713GT	37, 39, 45, 47
110718GT	37, 39, 45, 47
110719GT	37, 39, 45, 47
110789GT	333, 335
111526GT	317
111634GT	121, 123
111668GT	151
114246GT	245
115431GT	159
119055GT	67, 125
119058GT	225
119203GT	113
119210GT	43
119344GT	149
119403GT	329
119404GT	329
119533PGT	343
119534GT	245
119536PGT	221
119542GT	221
119611GT	107
119612GT	107
119613GT	229, 237, 253
119628GT	101
119641GT	245
119795GT	315
119798GT	65
119802GT	177
119803GT	177
119867GT	107, 111
119915GT	253, 255
120269GT	41
122019GT	313
122125GT	107, 229, 237
128022GT	153, 167
128045GT	331, 335
128061GT	155, 169
128200GT	79, 81, 83, 87, 89, 91...
128201GT	79, 87, 229, 237
128202GT	81, 83, 89, 91, 231, 239
128204GT	229, 233, 237, 241, 245, 343
128205GT	79, 87
128364GT	345
128368GT	321
128374GT	323

Part no.	Page Number
128423GT	281
128446GT	63
128454PGT	221
128482GT	221
128483GT	221
128495GT	233, 241
128510GT	221
128513GT	221
128534GT	221
128578GT	79, 81, 83, 87, 89, 91...
128579GT	233, 241
128580-SGT	79, 81, 83, 87, 89, 91...
128581-SGT	79, 87, 229, 237
128582-SGT	81, 83, 89, 91, 231, 239
128584-SGT	229, 233, 237, 241
128585GT	79, 87
128724GT	221
128839GT	47
128903GT	129
129021GT	271
139391GT	259
139508GT	259
139509GT	259
139510GT	259
139511GT	261
139512GT	259, 261
139513GT	259
139514GT	259
139515GT	259, 263
139516GT	261
139517GT	261
139518GT	261
139519GT	261
139520GT	261
139521GT	261
139522GT	261
139523GT	263
139524GT	263
139525GT	261
139526GT	261
139527GT	261
139595GT	149
139596GT	149
139598GT	253, 255
139624GT	145, 149
139666GT	145, 149
139709GT	141, 145
146051GT	51, 53
146052GT	51, 53
146062GT	343
147094GT	83, 91
147121GT	225
147223GT	67
147283GT	215
147284GT	191, 193
147348GT	159
147350GT	159
147351GT	159
147352GT	159
147353GT	159
147355GT	159, 163
147369GT	211, 217
147419GT	67, 305
147661GT	245
150103GT	195, 199, 211, 215
160809GT	223
161541GT	223
161542GT	223
162235GT	11, 17
162343GT	11, 17
215777GT	51
216791GT	95
216793GT	95
217046GT	95
218180GT	245
219437GT	127, 133, 155, 173
220255GT	63
226393GT	313
227617GT	225
227988GT	121, 123
228468GT	225
229798GT	35
232486GT	49, 51
233715GT	217
233716GT	211
233745GT	211, 217
235473GT	245, 249
236426GT	169
236812GT	245, 249
823153GT	23, 27
823161GT	23, 27
824027GT	225
824029GT	225
824050GT	63
824051GT	63
824052GT	63
824078GT	225, 319, 321
824079GT	225, 319, 321
824083GT	317
824090GT	225
824091GT	225
824113GT	319, 321
824164GT	197, 201, 215
824207GT	321, 323
824879GT	79, 81, 87, 89, 231, 235
825019GT	31, 35, 43, 191, 193, 195...
825020GT	331, 335
825796GT	31, 35
1251600GT	317
1251997GT	347
1252943GT	165
1254826GT	135
1255452GT	31, 191, 193
1255653GT	135, 149
1256267GT	179, 181, 191, 193
1256378GT	347
1256380GT	347
1256389GT	347
1256400FRGT	347
1256400GT	347
1256439GT	347
1256460GT	225
1256481GT	347
1256670GT	275
1256851GT	347
1256855GT	227

Part no.	Page Number	Part no.	Page Number	Part no.	Page Number
1256856GT	347	1282207GT	319		
1259054GT	115, 121	1282390GT	319, 321		
1260218GT	109, 111	1283880GT	321		
1260892GT	347	1285505GT	279		
1260910GT	347	1285506GT	279		
1261019GT	347	1286043GT	279		
1261021GT	347	1286600GT	49, 51		
1261023GT	347	1286601GT	47		
1261025GT	347	1286602GT	49, 51, 53		
1262585GT	159, 163	1286603GT	51, 53		
1262633GT	191, 193	1286606GT	39, 47		
1263056GT	191	1286607GT	39		
1263057GT	193	1286622GT	319		
1264947GT	109, 111, 177	1288561GT	149		
1267746GT	225	1289552GT	227		
1267747GT	227	1290135GT	321		
1267780GT	45	1290893GT	321		
1267782GT	45	1290895GT	321		
1267807GT	119, 141	1291428GT	321		
1268229GT	119, 141	1291429GT	321		
1269501GT	253, 255	1291430GT	321		
1270313GT	319, 321	1302087GT	49		
1270314GT	319	1316635GT	65		
1270316GT	319	9990074GT	51		
1271061GT	319	9990420GT	279		
1272303GT	223	9990606GT	281		
1272307GT	227	9990607GT	281		
1274322GT	317, 347	9990608GT	281		
1275088GT	225	T107284GT	59		
1275282GT	319	T107827GT	121, 177		
1275395GT	223	T107883GT	215		
1275396GT	223	T107884GT	213, 215		
1275398GT	223	T108075GT	211, 217		
1275399GT	223	T108153GT	107, 111, 237		
1277924GT	317, 319, 321	T109328GT	315		
1277991GT	121, 123	T111107GT	245		
1278792GT	319	T111453GT	59		
1278793GT	319, 321	T112560GT	233, 241		
1279268GT	127, 133, 175	T112561GT	233, 241		
1282204GT	319	T112563GT	233, 241		
1282205GT	319	T112626GT	253, 255		
1282206GT	319	T114678GT	135, 149		

Notes

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.

Distributed By: