



A TEREX BRAND

Parts Manual

Serial Number Range

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

from SN 4525F-58605

Part No. 1263376GT
Rev: A6
September 2019

Technical Publications

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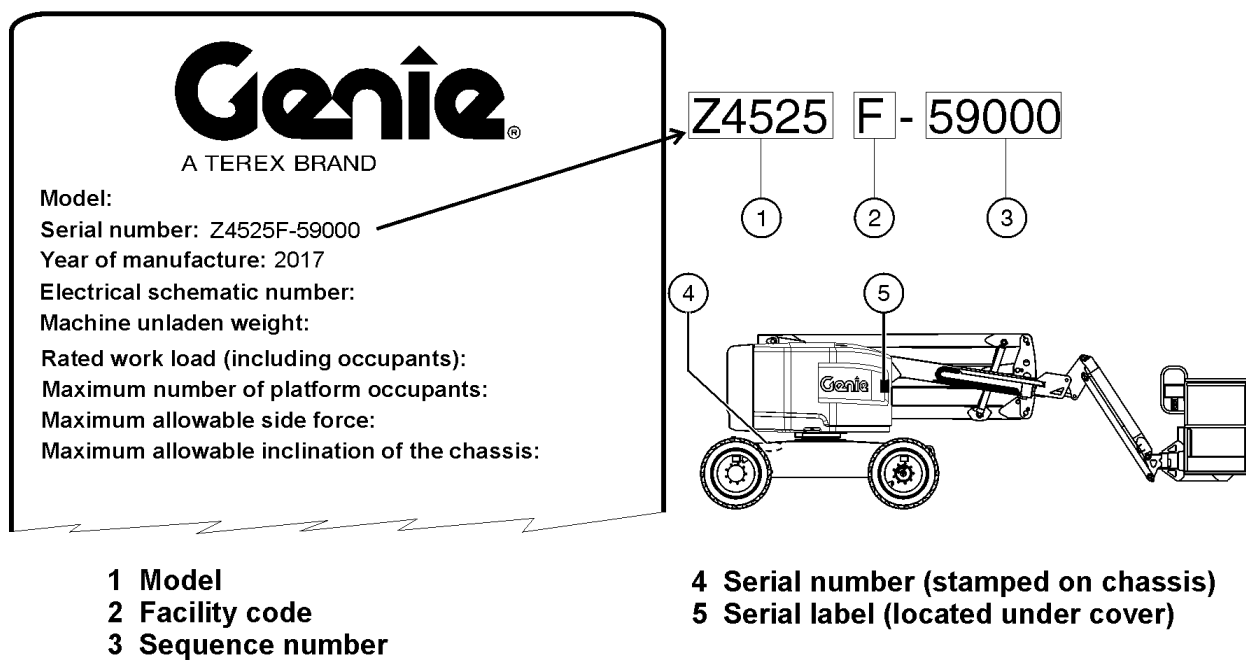
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How to Order Parts

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>

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Telephone +65 6692 7777

Fax +65 6261 8893

<http://genielift.com.sg/>

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

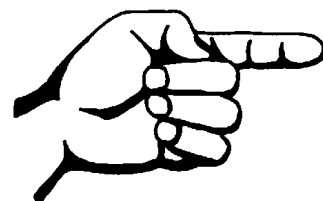
<http://genielift.com.au>

South America

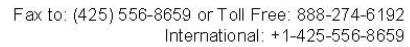
Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

Please refer to section 001 for the Recommended Spare Parts List.



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

Optional Equipment _____

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☐ 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
001 Parts Stocking List	12
001.1 Parts Stocking List	12
100 Decals	18
101.1 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia, Z-45/25	18
101.2 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia, Z-45/25J	22
102.1 Decals with Words, Engine Side, ANSI, CSA, Australia, Z-45/25	26
102.2 Decals with Words, Engine Side, ANSI, CSA, Australia, Z-45/25J	28
103.1 Decals with Words, Platform, ANSI & CSA	30
104.1 Decals with Words, Platform, Australia	32
105.1 Decals with Symbols, Hydraulic Tank Side, ANSI and CE, Z-45/25	34
105.2 Decals with Symbols, Hydraulic Tank Side, ANSI and CE, Z-45/25J	36
106.1 Decals with Symbols, Engine Side, ANSI and CE, Z-45/25	38
106.2 Decals with Symbols, Engine Side, ANSI and CE, Z-45/25J	40
107.1 Decals with Symbols, Platform, ANSI	42
108.1 Decals with Symbols, Platform, CE	44
200 Chassis Components	46
201.1 Steer-end Wheels and Hubs, 4WD Models	46
202.1 Steer-end Wheels and Hubs, 2WD Models	50
203.1 Steer Axle Linkage	52
204.1 Non-steer End Wheels and Hubs	56
205.1 Non-steer Axle	60
206.1 Oscillate Valve	62
300 Turntable Components	64
301.1 Turntable Rotator	64
302.1 Fuel and Hydraulic Tank Installation	66
303.1 Diesel Fuel Tank	70
303.2 Gasoline Fuel Tank, Pump, Filter and Hoses	72
304.1 Function Manifold and Ground Control Box Installation	76
305.1 Ground Control Box, Models with Hour Meter, View 1	80
306.1 Ground Control Box, Models with Hour Meter, View 2	84
307.1 Ground Control Box, Models with LCD Readout Screen, View 1	88
308.1 Ground Control Box, Models with LCD Readout Screen, View 2	92
309.1 Turntable Cover, Engine Side	96
310.1 Turntable Cover, Tank Side	102
311.1 Wire Harness Diagram, Z-45/25	104
311.2 Wire Harness Diagram, Z-45/25J	110
400 Engine Components	116

Table of Contents

Description	Page
401.1 Deutz D2011L03i Engine, View 1	116
402.1 Deutz D2011L03i Engine, View 2	122
403.1 Deutz D2.9L4 Engine, View 1	126
404.1 Deutz D2.9L4 Engine, View 2	130
405.1 Deutz D2.9L4 Engine, View 3	132
406.1 Deutz D2.9L4 Engine, View 4	136
407.1 Deutz D2.9L4 Engine, View 5	138
408.1 Ford MSG-425 EFI Engine, View 1	144
409.1 Ford MSG-425 EFI Engine, View 2	148
410.1 Ford MSG-425 EFI Engine, View 3	152
411.1 Ford MSG-425 EFI Engine, View 4	156
412.1 Perkins 404D-22 Engine, View 1	162
413.1 Perkins 404D-22 Engine, View 2	168
414.1 Perkins 404F-22 Engine, View 1	174
415.1 Perkins 404F-22 Engine, View 2	178
416.1 Perkins 404F-22 Engine, View 3	182
417.1 Perkins 404F-22 Engine, View 4	184
418.1 Perkins 404F-E22T Engine, View 1 (from SN Z452518N-59584)	190
419.1 Perkins 404F-E22T Engine, View 2 (from SN Z452518N-59584)	192
420.1 Perkins 404F-E22T Engine, View 3 (from SN Z452518N-59584)	194
421.1 Perkins 404F-E22T Engine, View 4 (from SN Z452518N-59584)	198
422.1 Engine Tray	200
500 Boom Components	206
501.1 Boom Pins and Bearings	206
502.1 Boom Linkage, Z-45/25	208
502.2 Boom Linkage, Z-45/25J	212
503.1 Upper Pivot Components, Z-45/25	216
503.2 Upper Pivot Components, Z-45/25J	218
504.1 Primary and Extension Booms (to SN 59508), Z-45/25	220
504.2 Primary and Extension Booms (to SN 59508), Z-45/25J	224
504.3 Primary and Extension Booms (from SN 59509), Z-45/25	228
504.4 Primary and Extension Booms (from SN 59509), Z-45/25J	232
505.1 Cable Track, Z-45/25	236
505.2 Cable Track, Z-45/25J	238
506.1 Non-Jib Platform Leveling and Rotation , Z-45/25	240
507.1 Jib Boom and Platform Leveling, Z-45/25J	244
508.1 Platform Rotation and Support, Z-45/25J	248
600 Platforms	250
601.1 Platform Configuration	250
602.1 Platform Components, Z-45/25	252

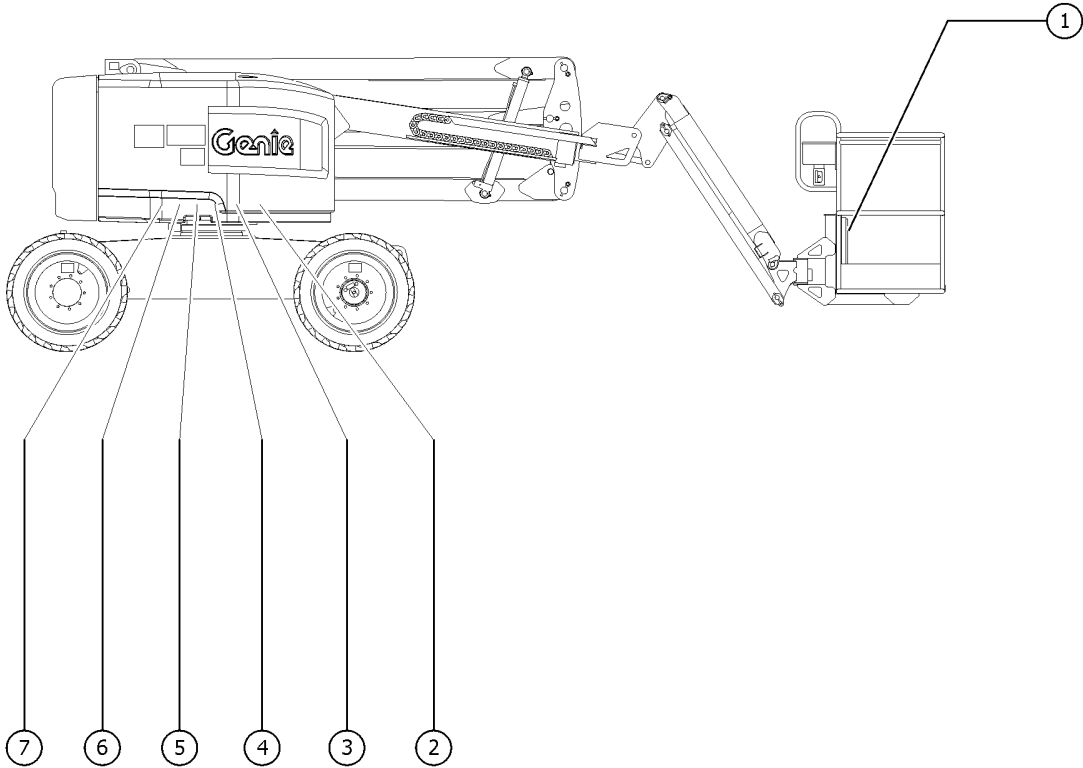
Description	Page
602.2 Platform Components, Z-45/25J	256
603.1 Platform Control Box, View 1	260
604.1 Platform Control Box, View 2	266
605.1 Joysticks	268
700 Manifolds and Pumps	270
701.1 2WD Traction Manifold	270
702.1 4WD Traction Manifold	272
703.1 Function Manifold	276
704.1 Jib and Platform Rotate Manifolds	282
705.1 Pumps	284
800 Hydraulic Hoses and Fittings	288
801.1 Function Manifold, View 1	288
802.1 Function Manifold, View 2	292
803.1 Drive and Steer, 2WD	294
804.1 Drive and Steer, 4WD	298
805.1 Boom Components, Z-45/25	302
806.1 Boom Components, Z-45/25J	304
900 Accessories	306
901.1 Flashing Alarm Package	306
902.1 Platform Options	308
903.1 Air Line to Platform	312
905.1 Hydraulic Generator	314
906.1 Hydraulic Hoses and Fittings - Generator Option	320
907.1 Panel Cradle Option	322
908.1 Hostile Environment Package - Engine Air Pre Cleaner (Deutz D2011L03i)	324
909.1 Hostile Environment Package - Engine Air Pre Cleaner (Ford, Perkins and Deutz D2.9L4)	326
910.1 Hostile Environment Package - All Models View 1	328
911.1 Hostile Environment Package - All Models View 2	330
912.1 Aircraft Protection Package	332
913.1 Aircraft Protection Package With Swing Gate	336
913.2 Aircraft Protection Package	340
913.3 Aircraft Protection Package with Swing Gate	344
914.1 Tow Package	348
915.1 Operator Protective Structure	352
916.1 Platform Overload Option, Z-45/25	354
916.2 Platform Overload Option, Z-45/25J	358
917.1 Cold Weather Package	362
918.1 Oil Cooler	364
919.1 Fall Arrest Bar	366

Table of Contents

Description	Page
920.1 Lift Guard Contact Alarm	368
921.1 Positive Air Shutoff	372
922.1 Auxiliary Rail Option	374
923.1 Pipe Cradle	376
904.1 Half-height Mesh Option	378
Part Number Index	380

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001.1 Parts Stocking List

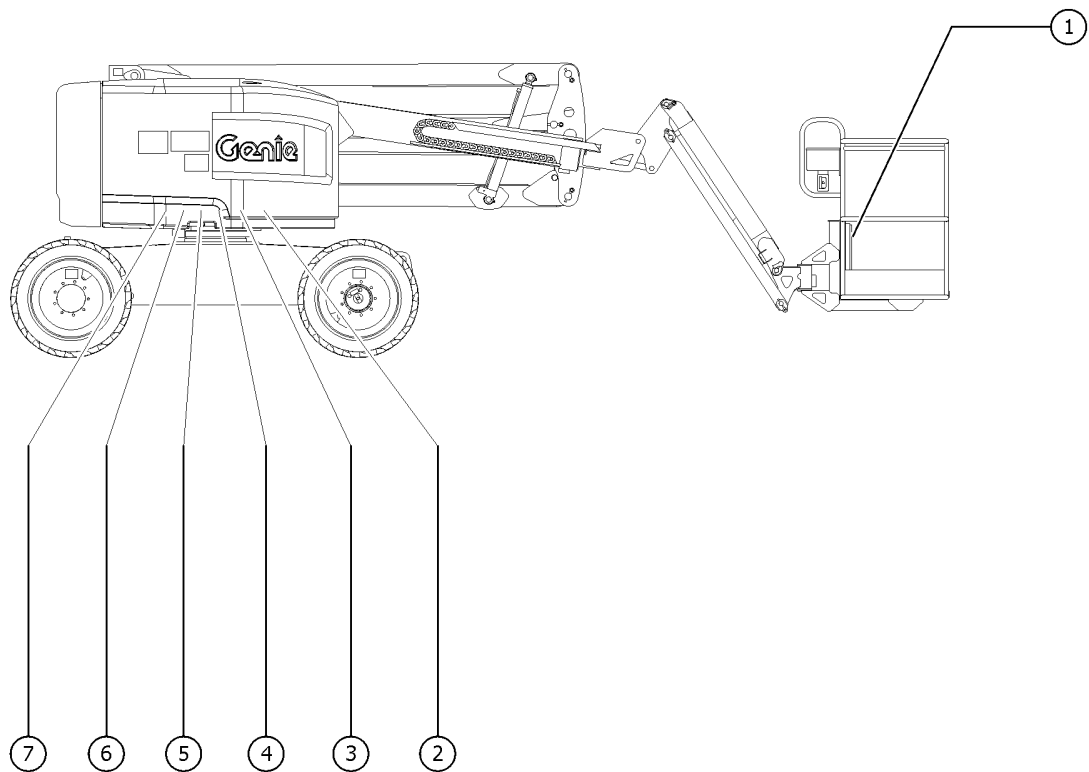


001.1 Parts Stocking List

Item	Part No.	Description	Qty.
A		— INSPECTION SERVICE KITS —	
A-	1278707GT	KIT,ANNUAL INSPECTION,Z45/25IC (includes 1268229, 60857,and 77353)	
A-	1278708GT	KIT,ENGINE SERVICE,250 HOUR,DEUTZ D2.9,Z45/S40/S60/Z62/RT90 Deutz D2.9L4 Models, (includes 49924, 62420, 214228 and 236260)	
A-	1278709GT	KIT,ENGINE SERVICE,250 HOUR,FDM5G425,Z45/S40/S60/Z62/RT90 Ford 5G425 Models, (includes 77295, 119984, and 215292)	
B		— GENERAL SERVICE PARTS —	
B-	1484GT	PAINT,AEROSOL,BRIGHT BLUE*** 12-ounce spray paint	
B-	1268GT	PAINT,AEROSOL,GENIE GRAY*** 12-ounce spray paint	
B-	1258567GT	PAINT, AEROSOL, TRAFFIC BLACK 12-ounce spray paint	
B-	32150GT	PAINT,WET,GENIE BLUE (1 GL)** 1-gallon	
B-	32151GT	PAINT,WET,GENIE GRAY (1 GL)** 1-gallon	
B-	1257733GT	PAINT,WET,TRAFFIC BLACK (1 GL)** 1-gallon	
B-	66399GT	GREASE,DIELECTRIC 4 OZ**	
B-	1283776GT	SEAL MARKER,CROSS CHECK,BLUE,TUBE	
B-	93500GT	PARKER DIGITAL PRESSURE GAUGE	
B-	49612GT	O-RING KIT (ORFS FITTINGS) O-ring kit, ORFS	
B-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS* Plug and cap kit, ORFS	
B-	28750GT	O-RING KIT,FIELD SVC,ALL PROD* O-ring kit, SAE	
B-	33994GT	PLUG AND CAP KIT-SERVICE,37 ** Plug and cap kit, SAE	
B-	36555GT	CHOCK,CYLINDER (SERVICE TOOL)	
1		— MANUALS —	
1-	27581GT	MANUAL,AEM SAFETY	
1-	31779GT	MANUAL,RESPON,A92.5 BOOM	
2		— HYD FILTERS —	
2-	77353GT	KIT,ELEMENT**	
2-	88917GT	FILTER,ELEMENT,BETA(10)=200	
3		— DEUTZ D2011L03i MODELS —	
3-	27916GT	FILTER,AIR,ELEMENT***	
3-	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008	

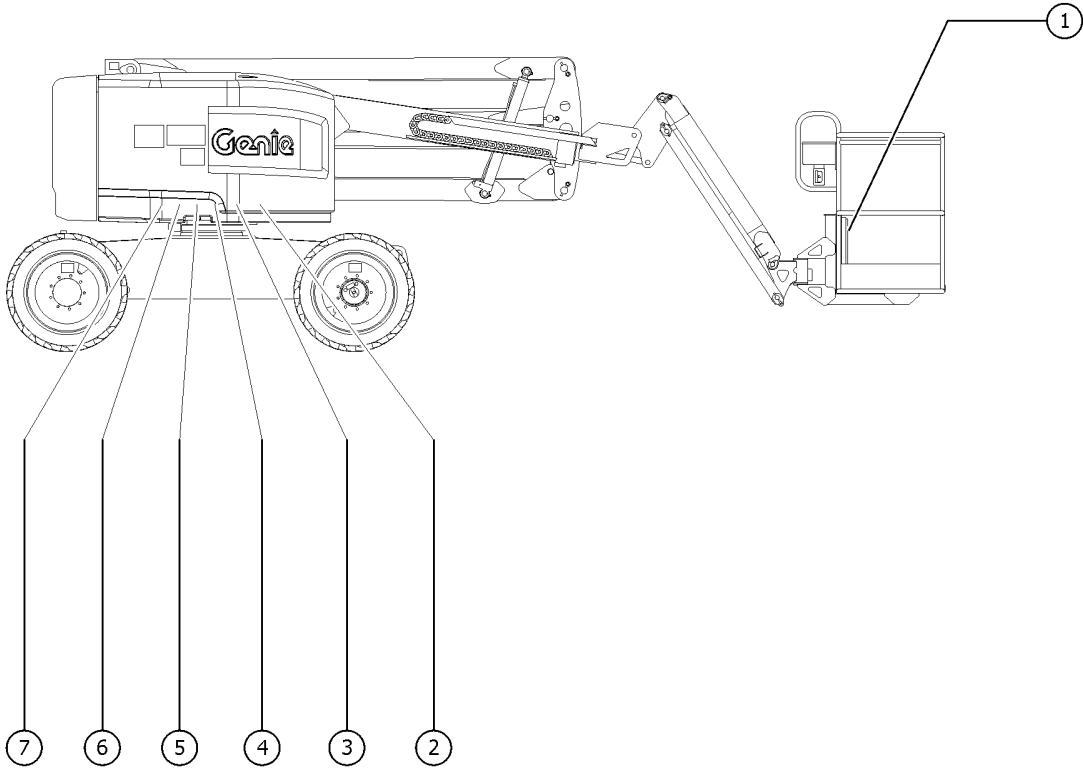


001.1 Parts Stocking List



Item	Part No.	Description	Qty.
3-	49924GT	FILTER,OIL,DEUTZ F4L1011F	
3-	32698GT	BELT,V, DEUTZ DIESEL ENGINE	
4		— DEUTZ D2.9L4 MODELS —	
4-	62420GT	FILTER,AIR***	
4-	214228GT	FILTER, DEUTZ 2.9, FUEL	
4-	236260GT	PRE-FILTER,FUEL,DEUTZ TCD3.6	
4-	49924GT	FILTER,OIL,DEUTZ F4L1011F	
4-	1262866GT	FAN BELT, ALTERNATOR	
4-	1262867GT	V-BELT, DEUTZ	
5		— FORD MSG-425 EFI MODELS —	
5-	1271652GT	FILTER, FUEL, GM	
5-	119139GT	OIL FILTER,DSG-423	
5-	77295GT	FILTER ELEMENT,AIR,NOLFF LPG	
5-	215274GT	FAN DRIVE BELT, MSG425	
5-	119474GT	VALVE,PCV FORD DSG-423	
5-	215287GT	SPARK PLUG, MSG425	
6		— PERKINS 404D-22 MODELS —	
6-	62420GT	FILTER,AIR***	
6-	62433GT	FILTER,ELEMENT,30 MIC,75020	
6-	94762GT	OIL FILTER - PERKINS	
6-	89765GT	BELT, V (PERKINS 404)	
6-	72346GT	FILTER,FUEL, PERKINS (54555)	
7		— PERKINS 404F-22 MODELS —	
7-	62420GT	FILTER,AIR***	
7-	94762GT	OIL FILTER - PERKINS	
7-	62433GT	FILTER,ELEMENT,30 MIC,75020	
7-	94889GT	FUEL FILTER ASSEMBLY	
7-	62421GT	FILTER,FUEL,PERKINS	

001.1 Parts Stocking List



001.1 Parts Stocking List

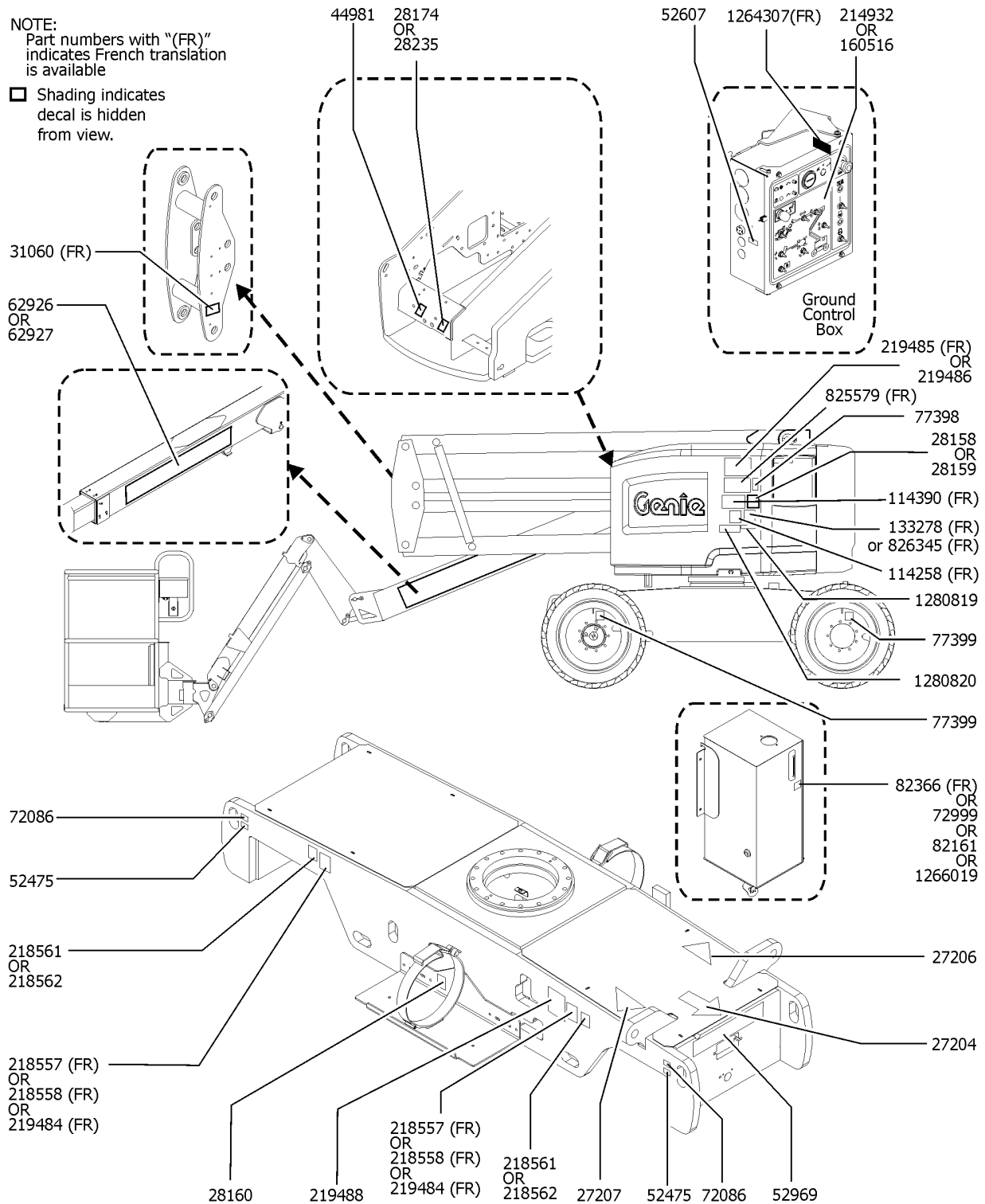
Item	Part No.	Description	Qty.
7-	89765GT	BELT, V (PERKINS 404)	
7-	1253750GT	BELT,AIR PUMP,PERKINS 404F	



101.1 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia, Z-45/25

NOTE:
Part numbers with "(FR)"
indicates French translation
is available

☐ Shading indicates
decals are hidden
from view.



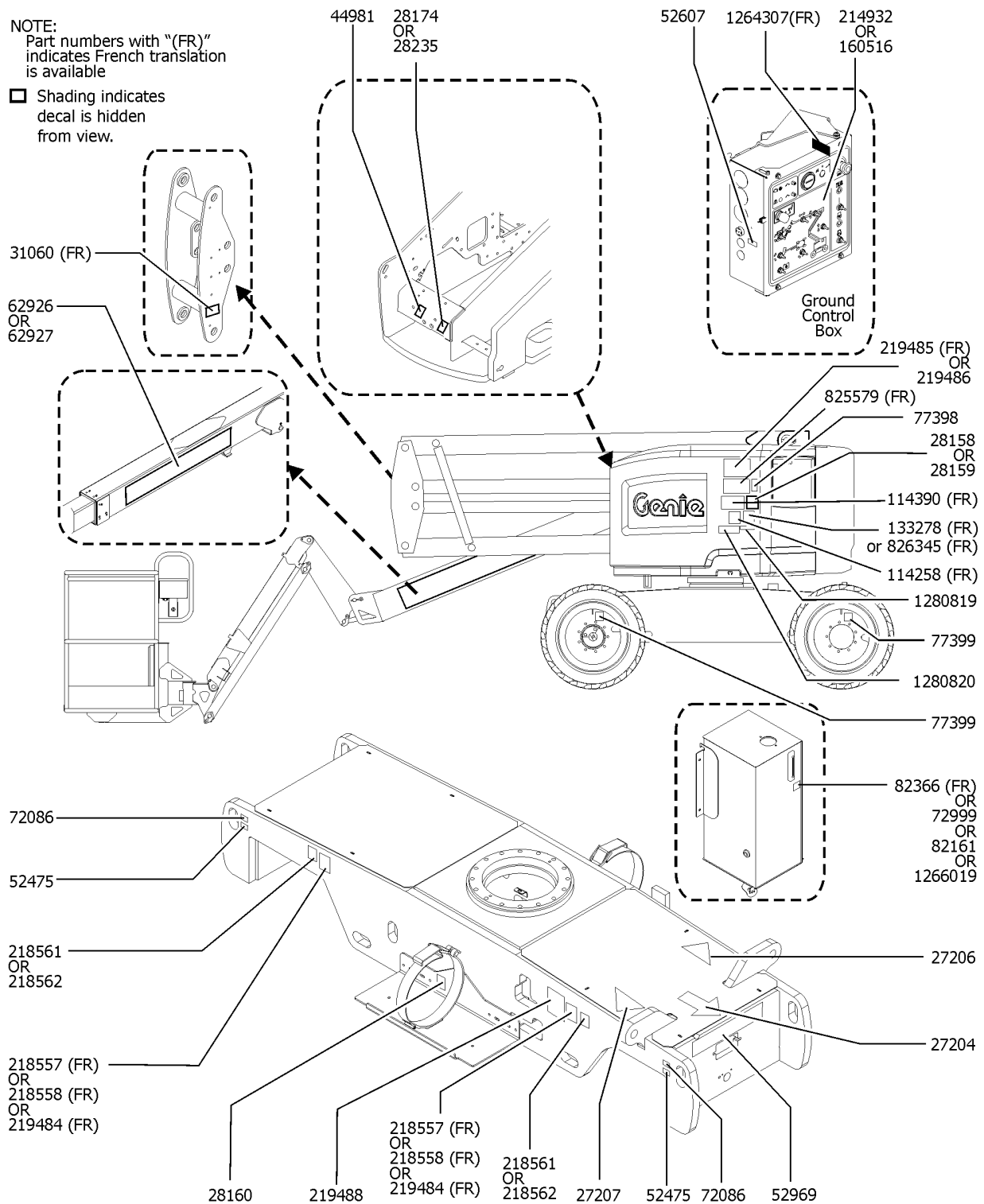
101.1 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia,
7-45/25

Item	Part No.	Description	Qty.
A	826422GT	DECAL KIT,Z45 COMP,WRD,USA Complete Decal Kit, ANSI (from SN A-48936)	
B	160757GT	DECAL KIT,Z45 PLT,WRD,ANSI/CSA Platform Decal Kit, USA/CSA (from SN A-47001)	
C	826418GT	DECAL KIT,Z45 COMP,WRD,CSA Complete Decal Kit, CSA (from SN A-48936)	
D	160759GT	DECAL KIT,Z45 COMP,WRD,AUS Complete Decal Kit, AUS (from SN A-47001) (from B-1201)	
E	160762GT	DECAL KIT,Z45&Z51 PLAT,WRD,AUS Platform Decal Kit, AUS	
1	27204GT	DECAL,ARROW BLUE	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28158GT	DECAL,LABEL,UNLEADED GAS ONLY (Gasoline models)	1
5	28159GT	DECAL,DIESEL (Diesel models)	1
6	28160GT	DECAL,LABEL,LIQUID PROPANE	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	1
8	28235GT	DECAL,POWER TO PLATFORM 115V	1
9	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
10	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
11	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
12	52607GT	DECAL,LABEL,TEST***	1
13	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
15	62927GT	DECAL,COSMETIC,GENIE Z-45/25 (Z-45/25)	1
16	72086GT	DECAL,LABEL,LIFTING EYE	2
17	72999GT	DECAL,LABEL,PETRO CANADA*** (models with Petro Canada)	1
18	77398GT	DECAL,TIRE SEALANT,3.25 X 7.5	1
19	77399GT	DECAL,TIRE SEALANT,1.5 X 1.5	2
20	82161GT	DECAL,LABEL,UCON HYDROLUBE (models with UCON Hydrolube)	1
21	82366GT	DECAL,CHEVRON RANDO HD (models with Chevron Rando)	1
22	114258GT	DECAL,DANGER,NO SMOKING	1
23	114390GT	DECAL,DANGER,ELECT HAZARD***	1
24	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL (Diesel models)	1

101.1 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia, Z-45/25

NOTE:
Part numbers with "(FR)"
indicates French translation
is available

☐ Shading indicates
decals are hidden
from view.



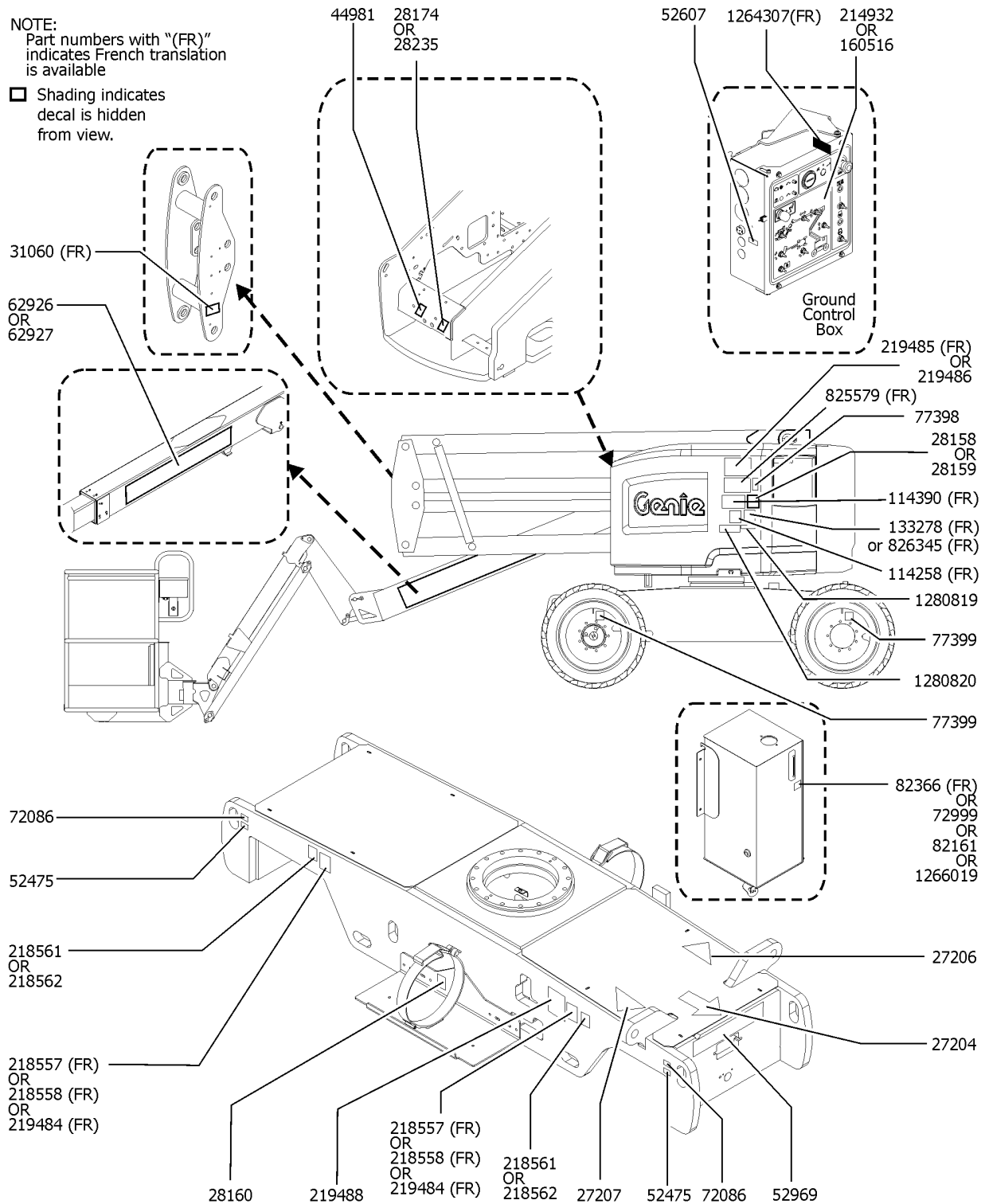
101.1 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia,
7-45/25

Item	Part No.	Description	Qty.
25	160516GT	LABEL, GBOX, Z45IC (USA models only)	1
26	214932GT	DECAL,GROUND CONTROL PANEL (Z-45/25 and Z-45/25J)	1
27	218557GT	DECAL,DANGER,TIPOVER,AIR TIRES (models with high floatation tires)	2
29	218558GT	DECAL,DANGER,TIPOVER,HF TIRES (Z-45/25)	2
30	218561GT	DECAL,WHEEL LOAD,Z45/25 RT (ANSI models)	2
32	219485GT	DECAL,OPER INST, GROUND CONT (AUS models)	1
33	219486GT	DECAL,OP INST,GROUND,AUS (AUS models)	1
34	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM (from SN Z452515A-53481)(from SN Z452515B-4519)(from SN Z452515D-533)	1
35	1264307GT	DECAL,LABEL,RELAYS,Z45IC,Z51 (USA models only)	1
36	825579GT	DECAL, LCD, TIER 4 (USA models only)	1
37	826345GT	DECAL,ULS DIESEL ONLY,TIER 4 (models with Shell Tellus)	1
38	1266019GT	DECAL, LABEL, SHELL TELLUS (US ANSI only)	1
39	1280819GT	DECAL,WARNING,CANCER AND REPRODUCTIVE HARM, PROP 65 (US ANSI only)	1
40	1280820GT	DECAL,FUEL,DIESEL EXHAUST, PROP 65 (US ANSI only)	1

101.2 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia, Z-45/25J

NOTE:
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☐ Shading indicates decal is hidden from view.



101.2 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia,
7-45/25.1

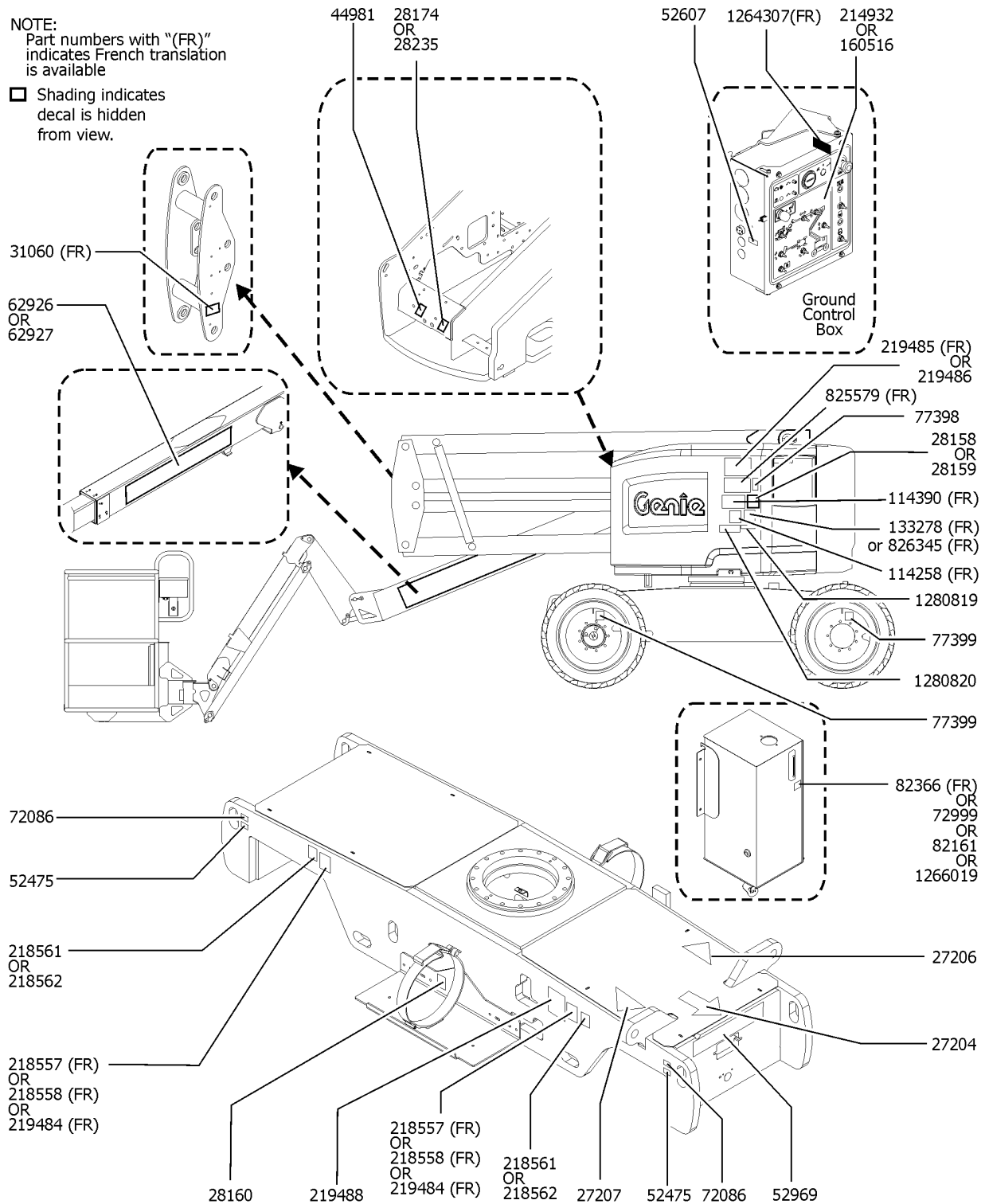
Qty.

Item	Part No.	Description	
A	826422GT	DECAL KIT,Z45 COMP,WRD,USA Complete Decal Kit, ANSI (from SN A-48936)	
B	160757GT	DECAL KIT,Z45 PLT,WRD,ANSI/CSA Platform Decal Kit, USA/CSA (from SN A-47001)	
C	826418GT	DECAL KIT,Z45 COMP,WRD,CSA Complete Decal Kit, CSA (from SN A-48936)	
D	160759GT	DECAL KIT,Z45 COMP,WRD,AUS Complete Decal Kit, AUS (from SN A-47001) (from B-1201)	
E	160762GT	DECAL KIT,Z45&Z51 PLAT,WRD,AUS Platform Decal Kit, AUS	
1	27204GT	DECAL,ARROW BLUE	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28158GT	DECAL,LABEL,UNLEADED GAS ONLY (Gasoline models)	1
5	28159GT	DECAL,DIESEL (Diesel models)	1
6	28160GT	DECAL,LABEL,LIQUID PROPANE	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	1
8	28235GT	DECAL,POWER TO PLATFORM 115V	1
9	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
10	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
11	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
12	52607GT	DECAL,LABEL,TEST***	1
13	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
14	62926GT	DECAL,COSMETIC,GENIE Z-45/25J (Z-45/25J)	1
16	72086GT	DECAL,LABEL,LIFTING EYE	2
17	72999GT	DECAL,LABEL,PETRO CANADA*** (models with Petro Canada)	1
18	77398GT	DECAL,TIRE SEALANT,3.25 X 7.5	1
19	77399GT	DECAL,TIRE SEALANT,1.5 X 1.5	2
20	82161GT	DECAL,LABEL,UCON HYDROLUBE (models with UCON Hydrolube)	1
21	82366GT	DECAL,CHEVRON RANDO HD (models with Chevron Rando)	1
22	114258GT	DECAL,DANGER,NO SMOKING	1
23	114390GT	DECAL,DANGER,ELECT HAZARD***	1
24	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL (Diesel models)	1

101.2 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia, Z-45/25J

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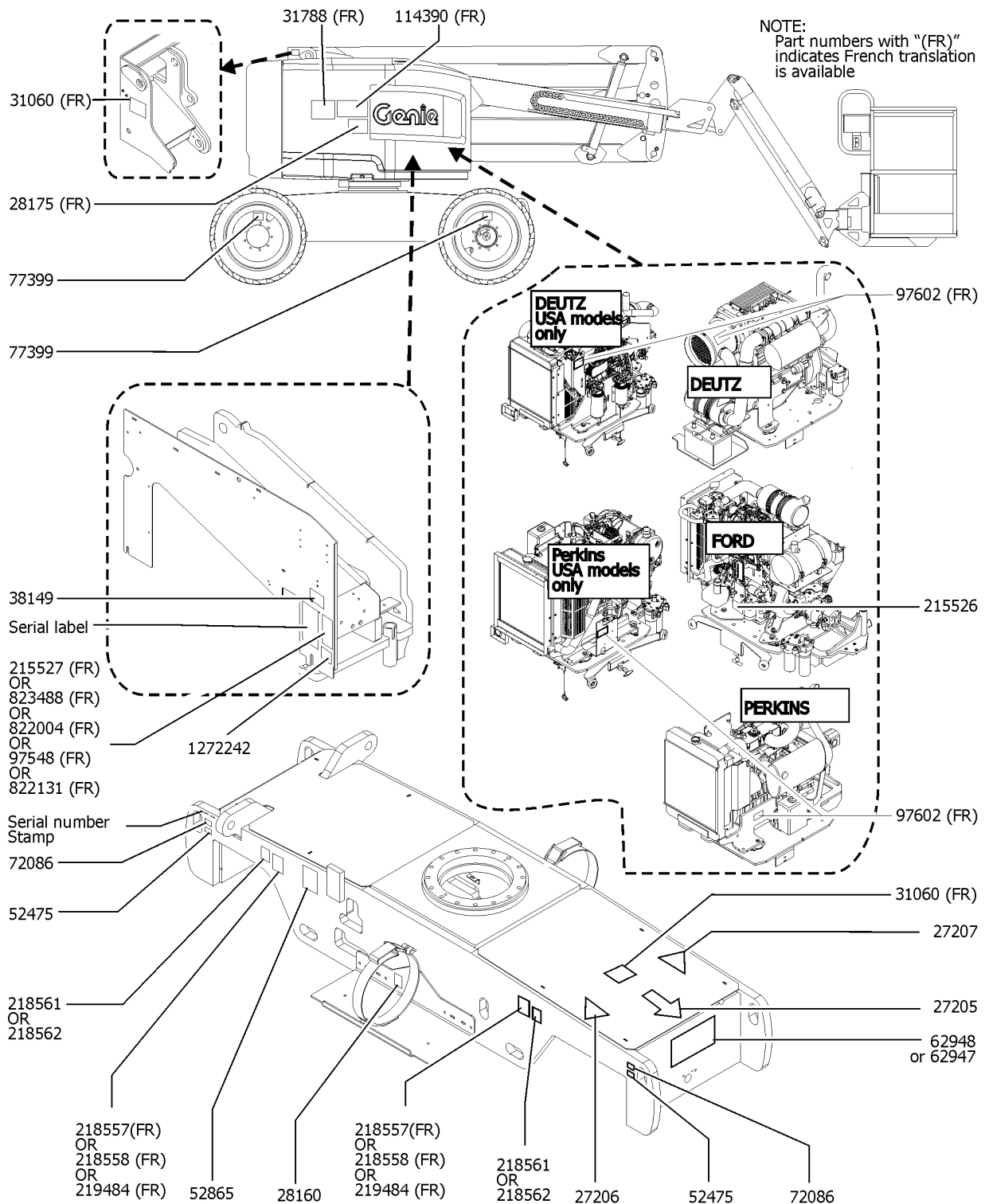
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decals are hidden
from view.



101.2 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia,
7-45/25.1

Item	Part No.	Description	Qty.
25	160516GT	LABEL, GBOX, Z45IC (USA models only)	1
26	214932GT	DECAL, GROUND CONTROL PANEL (Z-45/25 and Z-45/25J)	1
27	218557GT	DECAL, DANGER, TIPOVER, AIR TIRES (Z-45/25J) (models with aircraft protection or pipe cradle option)	2
28	219484GT	DECAL, DANGER, TIP, FOAM TIRES (models with high floatation tires)	2
29	218558GT	DECAL, DANGER, TIPOVER, HF TIRES (Z-45/25J)	2
31	218562GT	DECAL, WHEEL LOAD, Z45/25J RT (ANSI models)	2
32	219485GT	DECAL, OPER INST, GROUND CONT (AUS models)	1
33	219486GT	DECAL, OP INST, GROUND, AUS (AUS models)	1
34	219488GT	DECAL, TRANSPORT/LIFT DIAGRAM (from SN Z452515A-53481)(from SN Z452515B-4519)(from SN Z452515D-533)	1
35	1264307GT	DECAL, LABEL, RELAYS, Z45IC, Z51 (USA models only)	1
36	825579GT	DECAL, LCD, TIER 4 (USA models only)	1
37	826345GT	DECAL, ULS DIESEL ONLY, TIER 4 (models with Shell Tellus)	1
38	1266019GT	DECAL, LABEL, SHELL TELLUS (US ANSI only)	1
39	1280819GT	DECAL, WARNING, CANCER AND REPRODUCTIVE HARM, PROP 65 (US ANSI only)	1
40	1280820GT	DECAL, FUEL, DIESEL EXHAUST, PROP 65 (US ANSI only)	1

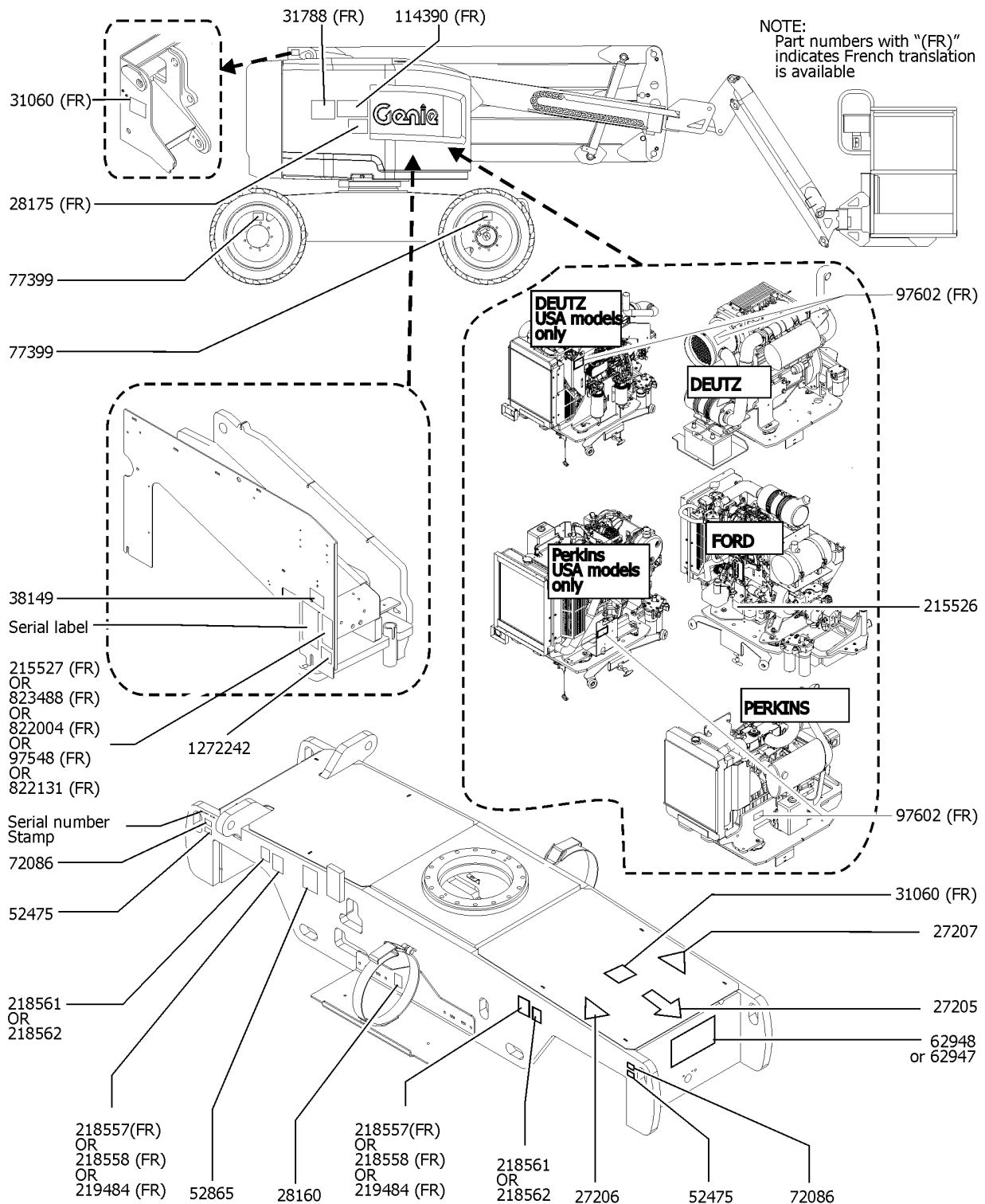
102.1 Decals with Words, Engine Side, ANSI, CSA, Australia, Z-45/25



102.1 Decals with Words, Engine Side, ANSI, CSA, Australia, Z-45/25

Item	Part No.	Description	Qty.
1		Ref. Word Decal Kits (refer to 101.1)	
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	1
4	27207GT	DECAL,TRIANGLE,YELLOW	1
5	28160GT	DECAL,LABEL,LIQUID PROPANE	1
6	28175GT	DECAL,WARNING-COMPART ACCESS	1
7	38149GT	DECAL,LABEL,PATENTS (ANSI only)	1
8	31060GT	DECAL,DANGER DO NOT ALTER SWTC	2
9	31788GT	DECAL,DANGER,BATTERY SAFETY***	1
10	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
11	52865GT	DECAL,ANNUAL INSP*** (ANSI only)	1
12	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
13	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
14	72086GT	DECAL,LABEL,LIFTING EYE	2
15	77399GT	DECAL,TIRE SEALANT,1.5 X 1.5	2
16	97548GT	DECAL,ENGINE SPEC,DEUTZ 2011 (Diesel models) (CE, AUS, CSA, Asia, & S. America models)	1
17	97602GT	DECAL,EXPLOSION HAZARD	1
18	114390GT	DECAL,DANGER,ELECT HAZARD***	1
19	215526GT	DECAL,LABEL,BELT,MSG425	1
20	215527GT	DECAL,FORD ENGINE SPEC MSG425 (Gasoline models)	1
21	218557GT	DECAL,DANGER,TIPOVER,AIR TIRES (Z-45/25 and Z-45/25J)	2
22	218558GT	DECAL,DANGER,TIPOVER,HF TIRES (models with high floatation tires)	2
23	218561GT	DECAL,WHEEL LOAD,Z45/25 RT (Z-45/25)	2
26	822004GT	DECAL, ENGINE SPEC, 404F-22 (Perkins models) (USA models only)	1
27	822131GT	DECAL, ENGINE SPEC, D2.9 (Deutz models) (USA models only)	1
28	823488GT	DECAL,ENGINE SPEC,PERKINS (Perkins models) (CE, AUS, CSA, Asia, & S. America models)	1
29	1272242GT	DECAL,MACHINE REGISTRATION/OWN	1

102.2 Decals with Words, Engine Side, ANSI, CSA, Australia, Z-45/25J

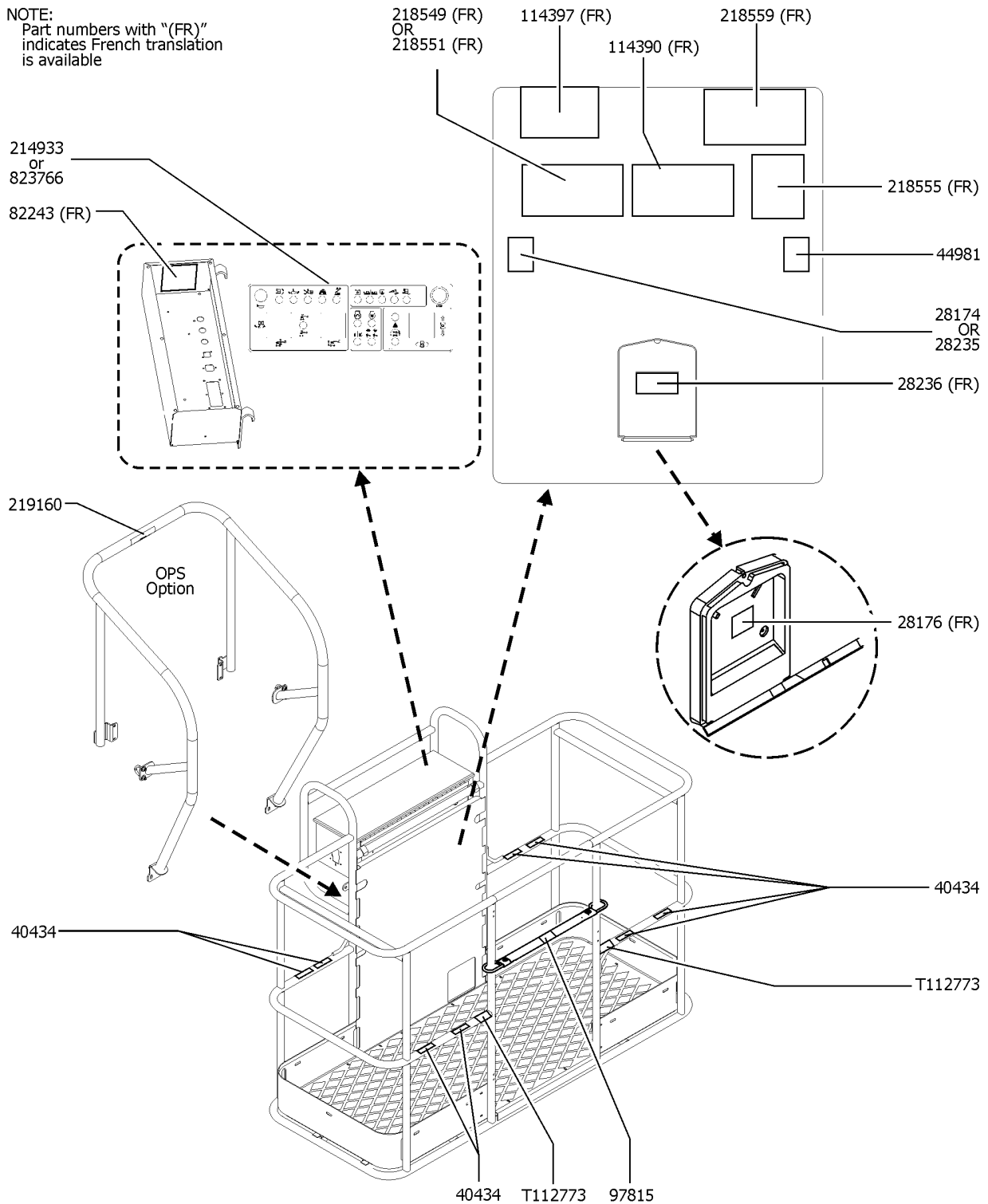


102.2 Decals with Words, Engine Side, ANSI, CSA, Australia, Z-45/25J

Item	Part No.	Description	Qty.
1		Ref. Word Decal Kits (refer to 101.1)	
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	1
4	27207GT	DECAL,TRIANGLE,YELLOW	1
5	28160GT	DECAL,LABEL,LIQUID PROPANE	1
6	28175GT	DECAL,WARNING-COMPART ACCESS	1
7	38149GT	DECAL,LABEL,PATENTS (ANSI only)	1
8	31060GT	DECAL,DANGER DO NOT ALTER SWTC	2
9	31788GT	DECAL,DANGER,BATTERY SAFETY***	1
10	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
11	52865GT	DECAL,ANNUAL INSP*** (ANSI only)	1
12	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
13	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
14	72086GT	DECAL,LABEL,LIFTING EYE	2
15	77399GT	DECAL,TIRE SEALANT,1.5 X 1.5	2
16	97548GT	DECAL,ENGINE SPEC,DEUTZ 2011 (Diesel models) (CE, AUS, CSA, Asia, & S. America models)	1
17	97602GT	DECAL,EXPLOSION HAZARD	1
18	114390GT	DECAL,DANGER,ELECT HAZARD***	1
19	215526GT	DECAL,LABEL,BELT,MSG425	1
20	215527GT	DECAL,FORD ENGINE SPEC MSG425 (Gasoline models)	1
21	218557GT	DECAL,DANGER,TIPOVER,AIR TIRES (Z-45/25 and Z-45/25J)	2
22	218558GT	DECAL,DANGER,TIPOVER,HF TIRES (models with high floatation tires)	2
24	218562GT	DECAL,WHEEL LOAD,Z45/25J RT (Z-45/25J)	2
25	219484GT	DECAL,DANGER,TIP,FOAM TIRES (Z-45/25J) (models with aircraft protection or pipe cradle option)	2
26	822004GT	DECAL, ENGINE SPEC, 404F-22 (Perkins models) (USA models only)	1
27	822131GT	DECAL, ENGINE SPEC, D2.9 (Deutz models) (USA models only)	1
28	823488GT	DECAL,ENGINE SPEC,PERKINS (Perkins models) (CE, AUS, CSA, Asia, & S. America models)	1

103.1 Decals with Words, Platform, ANSI & CSA

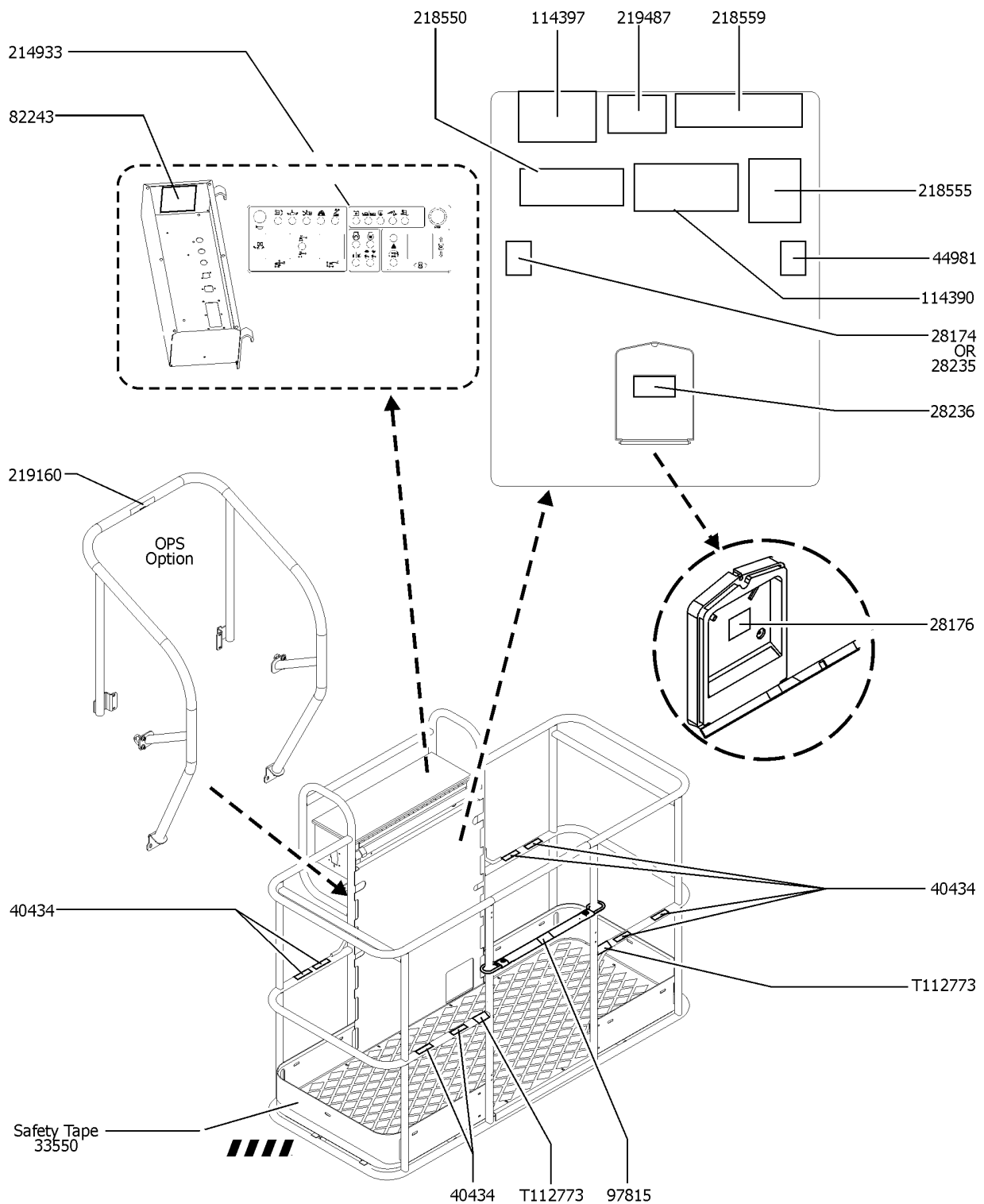
NOTE:
Part numbers with "(FR)"
indicates French translation
is available



103.1 Decals with Words, Platform, ANSI & CSA

Item	Part No.	Description	Qty.
1		Ref. Word Decal Kits (refer to 101.1)	
2	28174GT	DECAL,POWER TO PLATFORM 230V	1
3	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
4	28235GT	DECAL,POWER TO PLATFORM 115V	1
5	28236GT	DECAL,WARN,IMPROPER OPERATION	1
6	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
7	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
8	82243GT	DECAL FAULT CODE	1
9	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
10	114390GT	DECAL,DANGER,ELECT HAZARD***	1
11	114397GT	DECAL,DANGER,TILT ALARM	1
12	214933GT	DECAL,PLATFORM CONTROL PANEL CE,AUS, CSA, Asia and S. America (models with round hourmeter)	1
13	218549GT	DECAL,DANGER,CAP,ANSI WORD (ANSI models)	1
14	219160GT	DECAL, INSTRUCTION, OPS option	1
15	218551GT	DECAL,DANGER,CAP,ANSI WORD 440 (ANSI models) (models with aircraft protection or pipe cradle option)	1
16	218555GT	DECAL,WARNING,RUNAWAY MACHINE	1
17	218559GT	DECAL,DANGER/WARNING COMBO	1
18	823766GT	LABEL, PBOX, Z45IC 404F USA models only (models with LCD screen)	1
19	T112773GT	TAPE, PROTECTIVE MASK	2

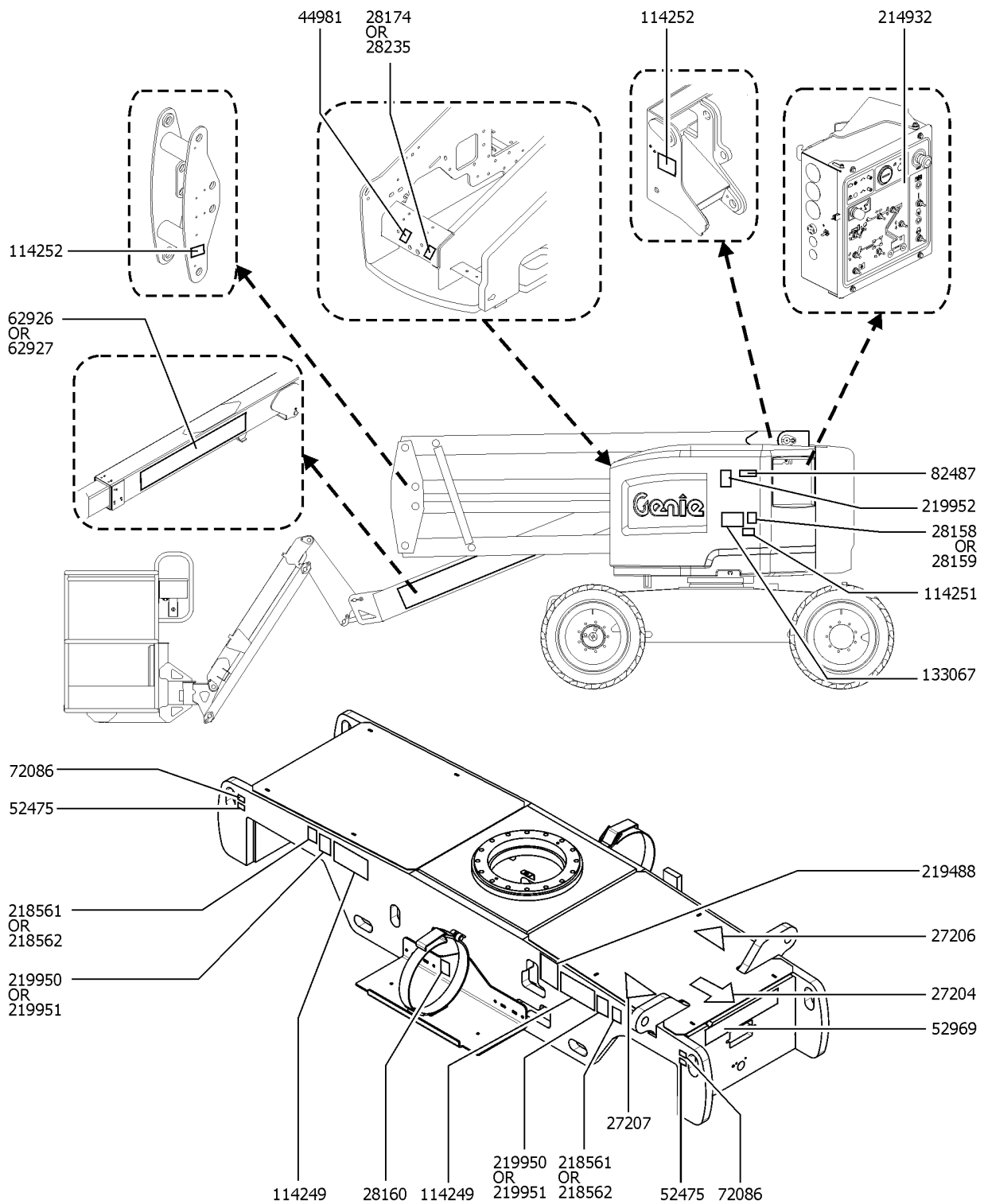
104.1 Decals with Words, Platform, Australia



104.1 Decals with Words, Platform, Australia

Item	Part No.	Description	Qty.
A-		Ref. Word Decal Kits (refer to 101.1)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	1
2	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
3	28235GT	DECAL,POWER TO PLATFORM 115V	1
4	28236GT	DECAL,WARN,IMPROPER OPERATION	1
5	33550GT	TAPE,WARNING,BLK/YEL, 50'*** (sold by the roll. 648" per roll) (Required to be installed at base of platform toeboard for Australian market) ...	1
6	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
7	44981GT	DECAL,LABEL,AIRLINE 110 PSI	1
		(option)	
8	82243GT	DECAL FAULT CODE	1
9	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
10	114390GT	DECAL,DANGER,ELECT HAZARD***	1
11	114397GT	DECAL,DANGER,TILT ALARM	1
12	214933GT	DECAL,PLATFORM CONTROL PANEL	1
		models with round hourmeter	
13	218550GT	DECAL,DANGER,CAP,AUS WORD	1
		(AUS only)	
14	218555GT	DECAL,WARNING,RUNAWAY MACHINE	1
15	218559GT	DECAL,DANGER/WARNING COMBO	1
16	219160GT	DECAL, INSTRUCTION, OPS	1
		option	
17	219487GT	DECAL,PLATFORM OVERLOAD	1
		(AUS only)	
18	T112773GT	TAPE, PROTECTIVE MASK	2

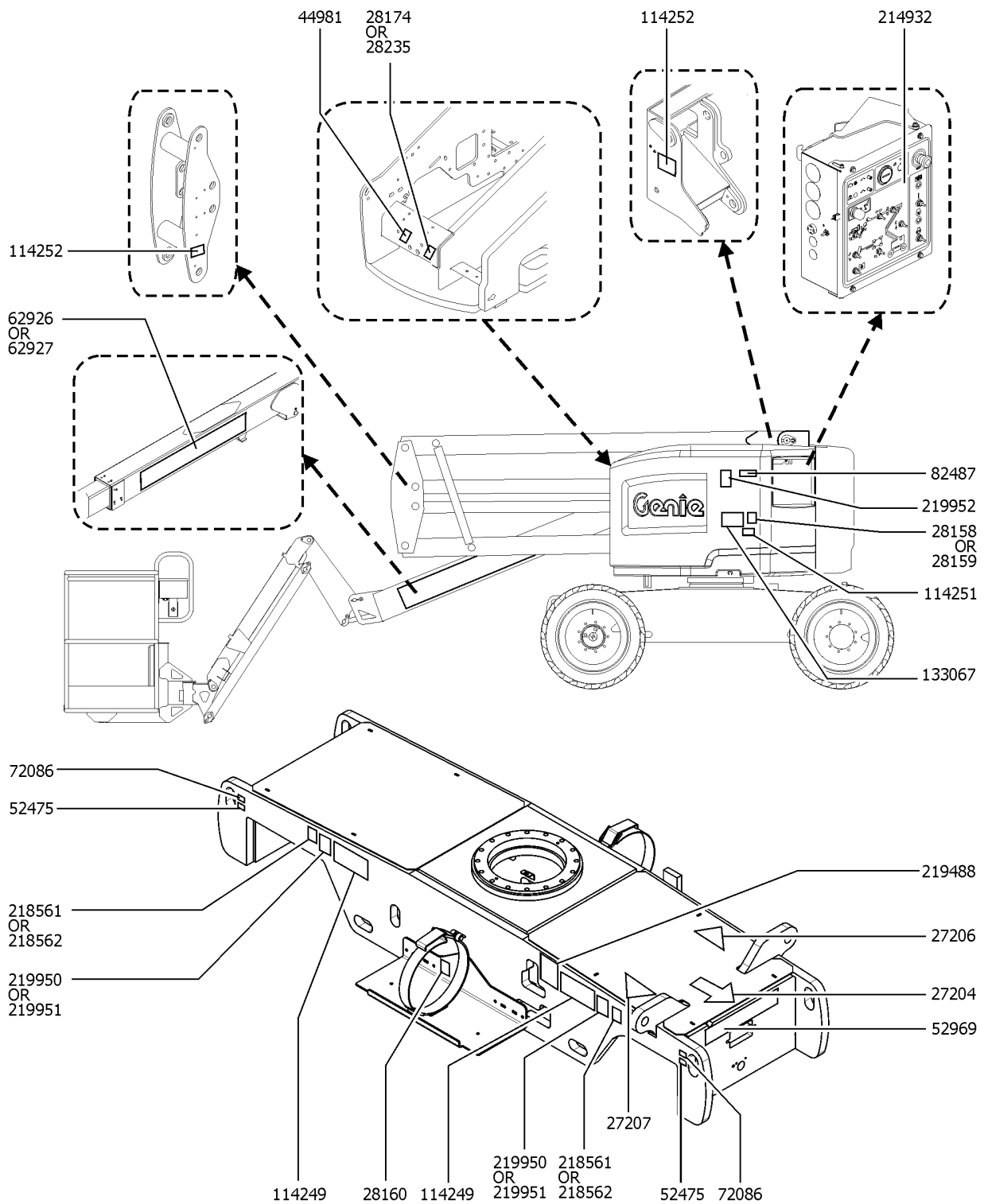
105.1 Decals with Symbols, Hydraulic Tank Side, ANSI and CE, Z-45/25



105.1 Decals with Symbols, Hydraulic Tank Side, ANSI and CE, Z-45/25

Item	Part No.	Description	Qty.
A	160764GT	DECAL KIT,Z45 COMP,SYM,ANSI Complete Decal Kit, ANSI (from SN A-47001)	
B	160766GT	DECAL KIT,Z45 PLAT,SYM,ANSI Platform Decal Kit, ANSI	
C	160768GT	DECAL KIT,Z45 COMP,SYM,CE Complete Decal Kit, CE (from SN A-47001) (from B-1201)	
D	160770GT	DECAL KIT,Z45 PLAT,SYM,CE Platform Decal Kit, CE	
1	27204GT	DECAL,ARROW BLUE	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28158GT	DECAL,LABEL,UNLEADED GAS ONLY (Gas models)	1
5	28159GT	DECAL,DIESEL (Diesel models)	1
6	28160GT	DECAL,LABEL,LIQUID PROPANE	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	1
8	28235GT	DECAL,POWER TO PLATFORM 115V	1
9	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
10	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
11	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
13	62927GT	DECAL,COSMETIC,GENIE Z-45/25 (Z-45/25)	1
14	72086GT	DECAL,LABEL,LIFTING EYE	2
15	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
16	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	2
17	114251GT	DECAL,LABEL,NO SMOKING,SYMB	1
18	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	2
19	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
20	214932GT	DECAL,GROUND CONTROL PANEL	1
21	218561GT	DECAL,WHEEL LOAD,Z45/25 RT (Z-45/25)	2
23	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM	1
24	219950GT	DECAL,TIRE PRESSURE,RT (air filled tires)	2
25	219951GT	DECAL,TIRE PRESSURE,HIGH FLOAT (high floatation tires)	2
26	219952GT	DECAL,EMERGENCY LOWERING	1

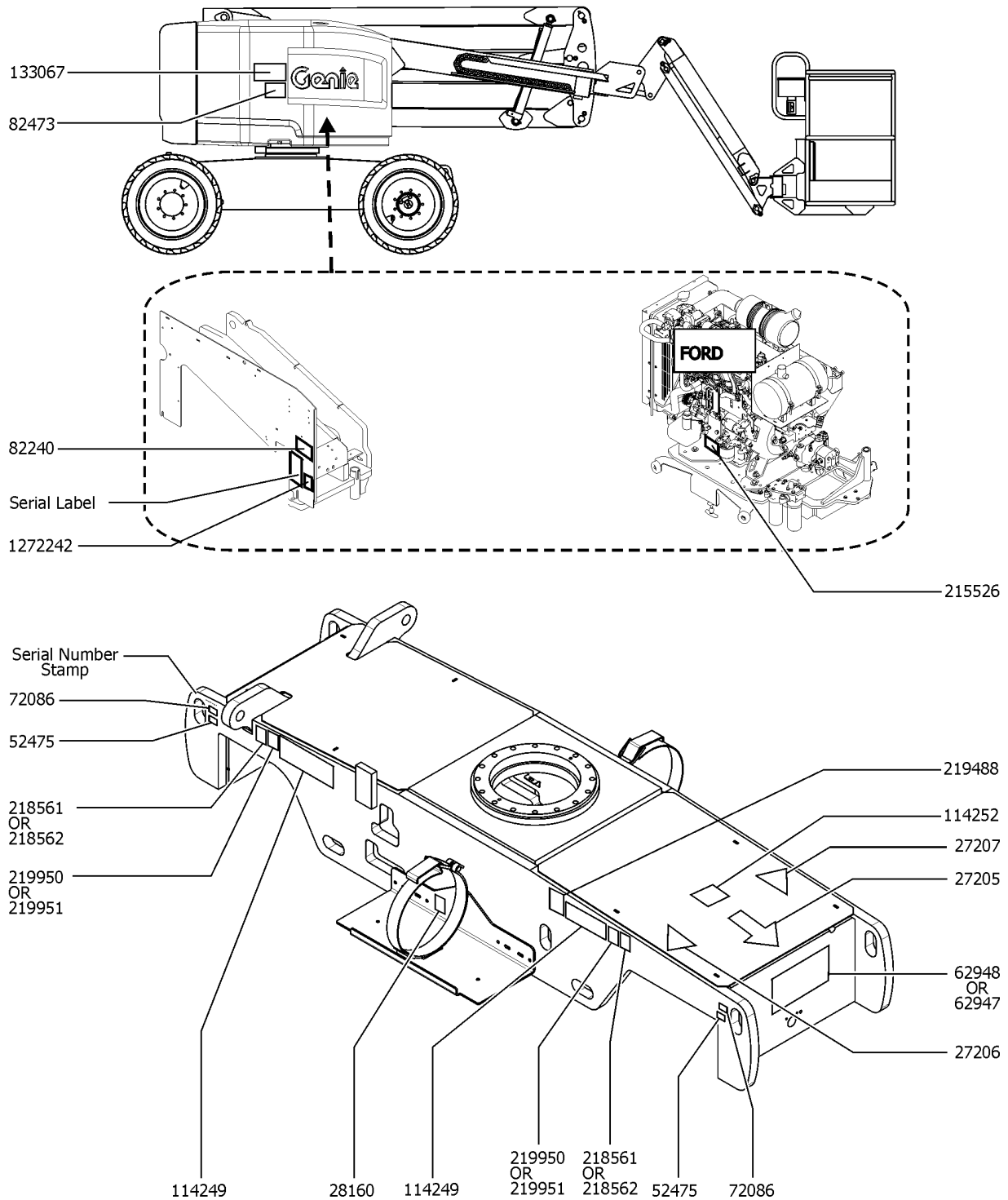
105.2 Decals with Symbols, Hydraulic Tank Side, ANSI and CE, Z-45/25J



105.2 Decals with Symbols, Hydraulic Tank Side, ANSI and CE, Z-45/25J

Item	Part No.	Description	Qty.
A	160764GT	DECAL KIT,Z45 COMP,SYM,ANSI Complete Decal Kit, ANSI (from SN A-47001)	
B	160766GT	DECAL KIT,Z45 PLAT,SYM,ANSI Platform Decal Kit, ANSI	
C	160768GT	DECAL KIT,Z45 COMP,SYM,CE Complete Decal Kit, CE (from SN A-47001) (from B-1201)	
D	160770GT	DECAL KIT,Z45 PLAT,SYM,CE Platform Decal Kit, CE	
1	27204GT	DECAL,ARROW BLUE	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28158GT	DECAL,LABEL,UNLEADED GAS ONLY (Gas models)	1
5	28159GT	DECAL,DIESEL (Diesel models)	1
6	28160GT	DECAL,LABEL,LIQUID PROPANE	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	1
8	28235GT	DECAL,POWER TO PLATFORM 115V	1
9	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
10	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
11	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
12	62926GT	DECAL,COSMETIC,GENIE Z-45/25J (Z-45/25J)	1
14	72086GT	DECAL,LABEL,LIFTING EYE	2
15	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
16	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	2
17	114251GT	DECAL,LABEL,NO SMOKING,SYMB	1
18	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	2
19	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
20	214932GT	DECAL,GROUND CONTROL PANEL	1
22	218562GT	DECAL,WHEEL LOAD,Z45/25J RT (Z-45/25J)	2
23	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM	1
24	219950GT	DECAL,TIRE PRESSURE,RT (air filled tires)	2
25	219951GT	DECAL,TIRE PRESSURE,HIGH FLOAT (high floatation tires)	2
26	219952GT	DECAL,EMERGENCY LOWERING	1

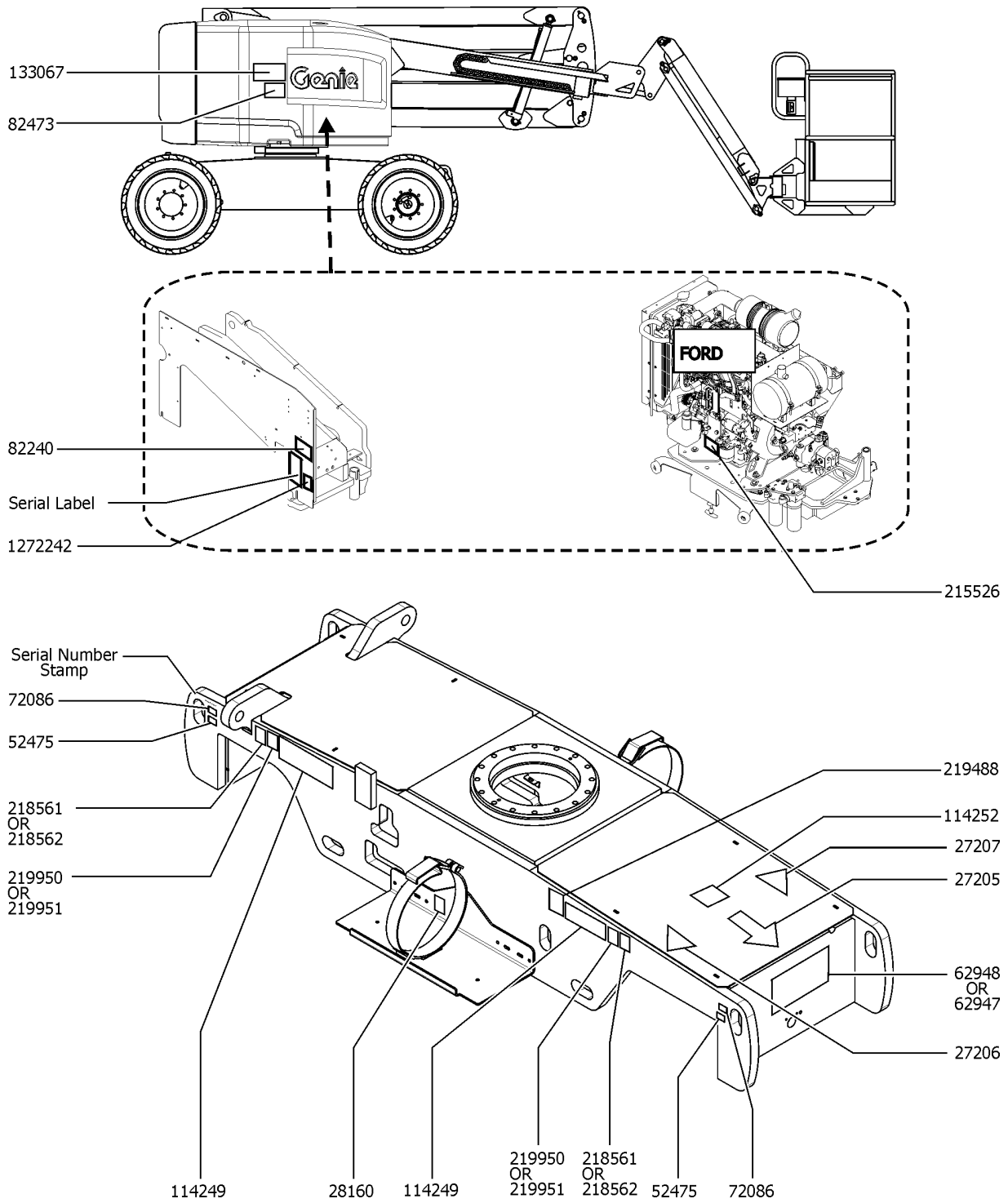
106.1 Decals with Symbols, Engine Side, ANSI and CE, Z-45/25



106.1 Decals with Symbols, Engine Side, ANSI and CE, Z-45/25

Item	Part No.	Description	Qty.
A-		Ref. Symbol Decal Kits (refer to 105.1)	
1	27205GT	DECAL,ARROW YELLOW LRG 9"	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28160GT	DECAL,LABEL,LIQUID PROPANE	1
5	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
6	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
7	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
8	72086GT	DECAL,LABEL,LIFTING EYE	2
9	82240GT	DECAL,LABEL,105 DB (CE only)	1
10	82473GT	DECAL SYMBOL COMP ACCESS	1
11	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	2
12	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	1
13	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
14	215526GT	DECAL,LABEL,BELT,MSG425	1
15	218561GT	DECAL,WHEEL LOAD,Z45/25 RT (Z-45/25)	2
17	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM	1
18	219950GT	DECAL,TIRE PRESSURE,RT (air filled tires)	2
19	219951GT	DECAL,TIRE PRESSURE,HIGH FLOAT (high floatation tires)	2
20	1272242GT	DECAL,MACHINE REGISTRATION/OWN	1

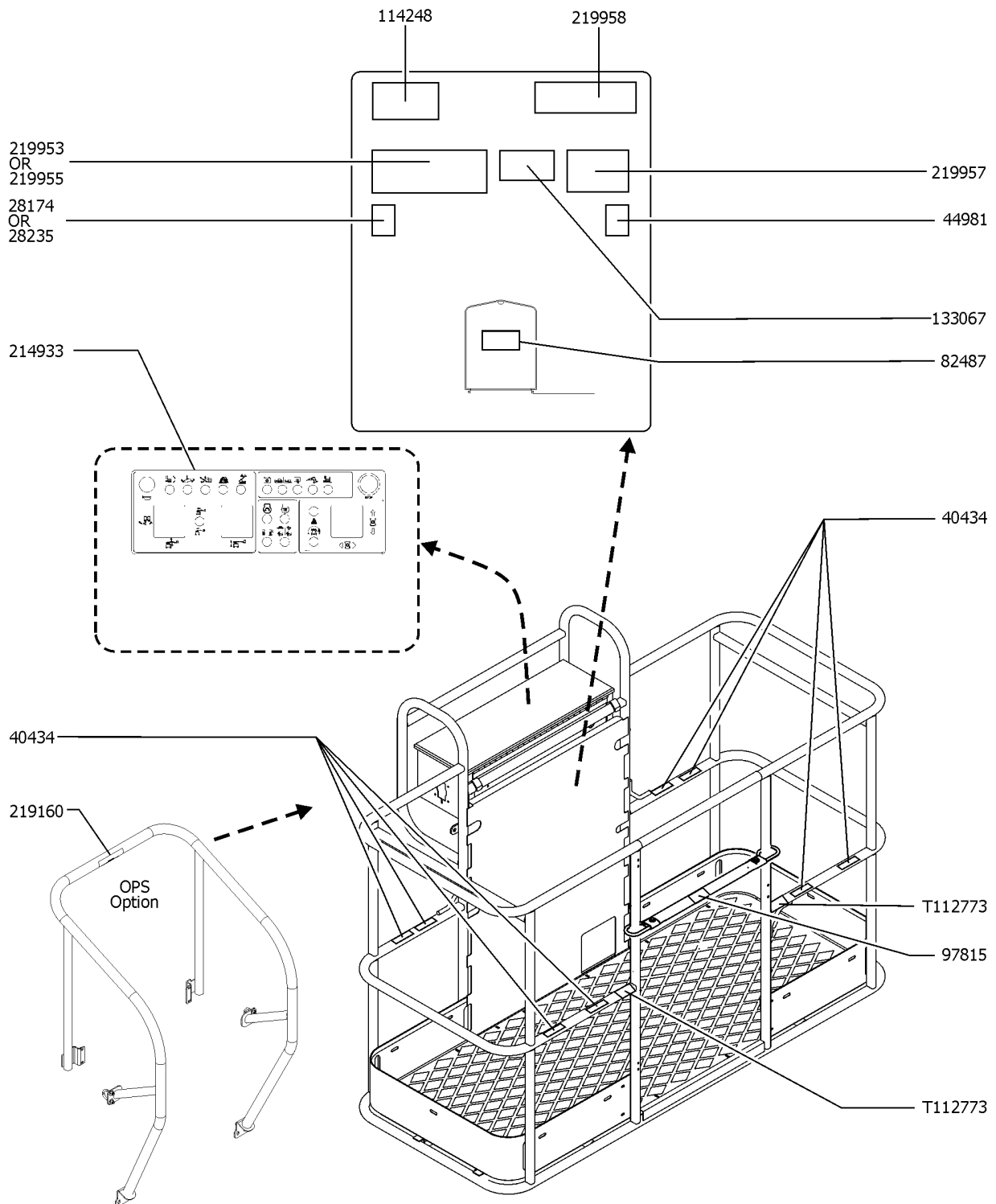
106.2 Decals with Symbols, Engine Side, ANSI and CE, Z-45/25J



106.2 Decals with Symbols, Engine Side, ANSI and CE, Z-45/25J

Item	Part No.	Description	Qty.
A-		Ref. Symbol Decal Kits (refer to 105.1)	
1	27205GT	DECAL,ARROW YELLOW LRG 9"	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28160GT	DECAL,LABEL,LIQUID PROPANE	1
5	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
6	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
7	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
8	72086GT	DECAL,LABEL,LIFTING EYE	2
9	82240GT	DECAL,LABEL,105 DB (CE only)	1
10	82473GT	DECAL SYMBOL COMP ACCESS	1
11	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	2
12	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	1
13	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
14	215526GT	DECAL,LABEL,BELT,MSG425	1
16	218562GT	DECAL,WHEEL LOAD,Z45/25J RT (Z-45/25J)	2
17	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM	1
18	219950GT	DECAL,TIRE PRESSURE,RT (air filled tires)	2
19	219951GT	DECAL,TIRE PRESSURE,HIGH FLOAT (high floatation tires)	2

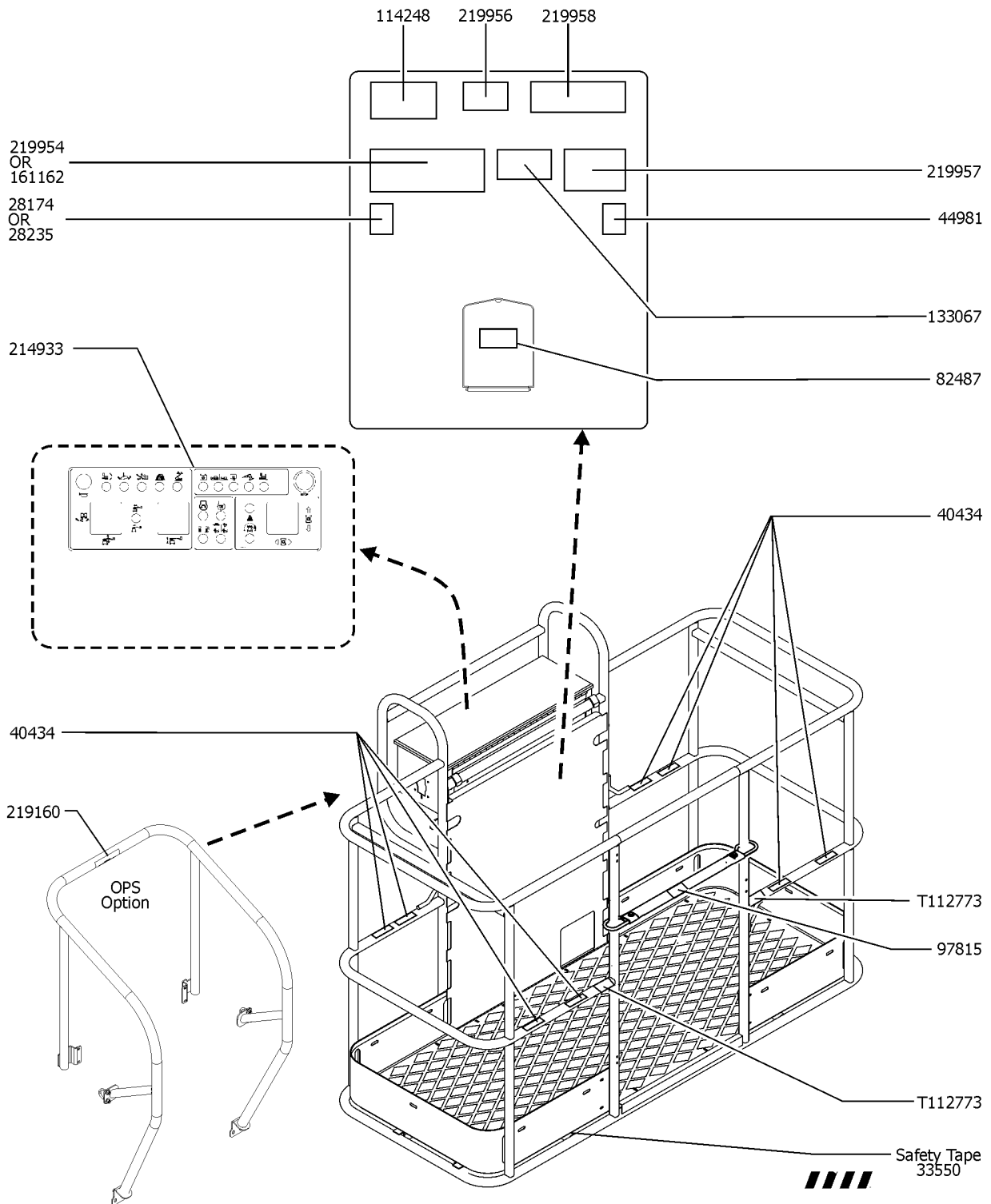
107.1 Decals with Symbols, Platform, ANSI



107.1 Decals with Symbols, Platform, ANSI

Item	Part No.	Description	Qty.
A-		Ref. Symbol Decal Kits (refer to 105.1)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	1
2	28235GT	DECAL,POWER TO PLATFORM 115V	1
3	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
4	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
5	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
6	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
7	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY	1
8	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
9	214933GT	DECAL,PLATFORM CONTROL PANEL models with round hourmeter	1
10	219160GT	DECAL, INSTRUCTION, OPS option	1
11	219953GT	DECAL,TIP-OVER HAZARD,ANSI	1
12	219955GT	DECAL,TIP-OVER HAZARD,440 LBS	1
13	219957GT	DECAL,RUNAWAY HAZARD	1
14	219958GT	DECAL,TIP-OVER,CRUSH	1
15	T112773GT	TAPE, PROTECTIVE MASK	2

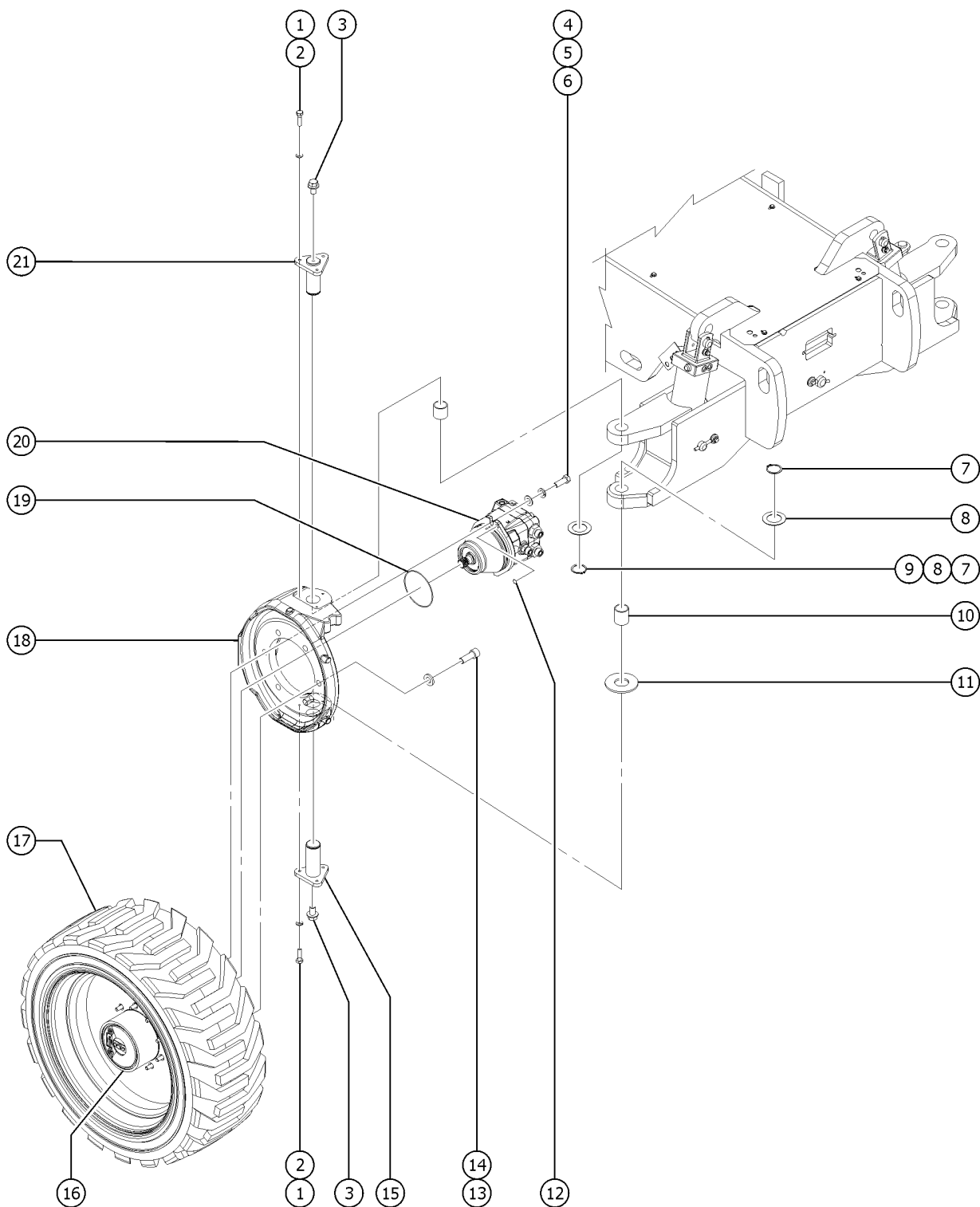
108.1 Decals with Symbols, Platform, CE



108.1 Decals with Symbols, Platform, CE

Item	Part No.	Description	Qty.
A-		Ref. Symbol Decal Kits (refer to 105.1)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	1
2	28235GT	DECAL,POWER TO PLATFORM 115V	1
3	33550GT	TAPE,WARNING,BLK/YEL, 50*** (sold by the roll. 648" per roll) (Required to be installed at base of platform toeboard for CE market)	1
4	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
5	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
6	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
7	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
8	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY	1
9	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
10	161162GT	DECAL,TIP-OVER HAZARD,CE (CE models with aircraft protection option)	1
11	214933GT	DECAL,PLATFORM CONTROL PANEL models with round hourmeter	1
12	219160GT	DECAL, INSTRUCTION, OPS option	1
13	219954GT	DECAL,TIP-OVER HAZARD,CE (CE only)	1
14	219956GT	DECAL,PLATFORM OVERLOAD	1
15	219957GT	DECAL,RUNAWAY HAZARD	1
16	219958GT	DECAL,TIP-OVER,CRUSH	1
17	T112773GT	TAPE, PROTECTIVE MASK	2

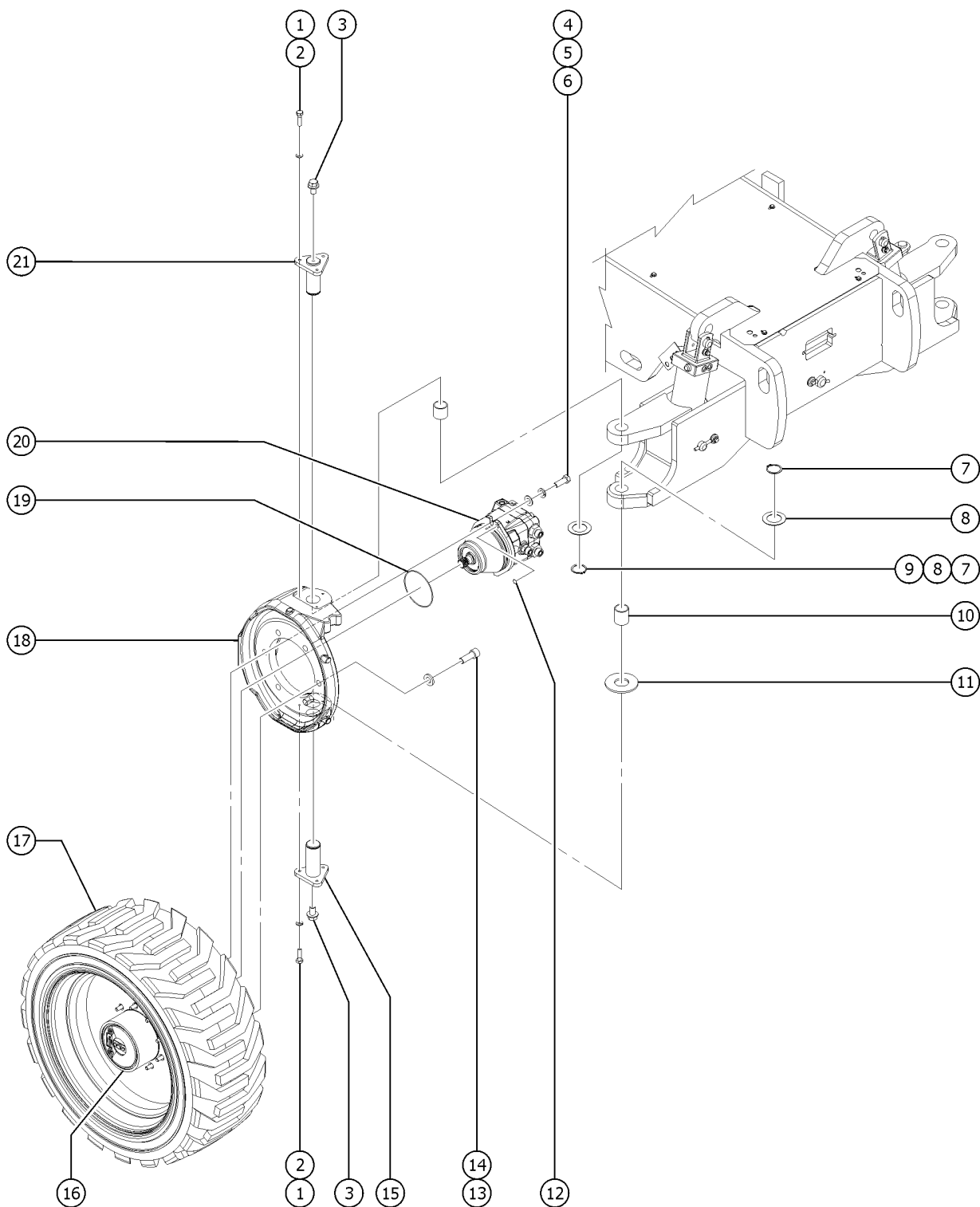
201.1 Steer-end Wheels and Hubs, 4WD Models



201.1 Steer-end Wheels and Hubs, 4WD Models

Item	Part No.	Description	Qty.
1	824060GT	SCREW,HHC,1/4-20X1,8,ZAG	12
2	824109GT	WASHER,LOCK,1/4,ZAG	12
3	1256857GT	SCREW,HHF,3/8-16X.625,8,ZAG	4
4	1273207GT	SCREW,HHC,7/16-14X1.5,ZAG	4
5	1272129GT	WASHER,LOCK,7/16,ZAG	4
6	1257078GT	WASHER, .469 X .768 HRD, ZAG	4
7	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	4
8	1251565GT	WASHER,SHIM,1.56X2.5X0.061,ZAG	4
9	119619GT	BEARING,1.5IDX1.75ODX1.5L,PTFE	2
10	146264GT	BEARING, 1.5IDX1.75ODX2.00L	2
11	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
12	106117GT	O-RING,2-010,VITON	1
13	824104GT	SCREW,SHC,5/8-11X1.75,A574,ZAG	12
14	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	12
15	237569GT	WELDMENT, PIN, 1.5INX3.6IN LG	2
16	139330GT	WHEEL DRIVE W/ BRAKE,57:1***	2
16-	9990184GT	RETAINING RING, INTERNAL, #180 (COMPONENT OF 139330GT)	
16-	139966GT	ROD,DISCONNECT,OMNI***	
16-	139967GT	CAP,DISENGAGE,OMNI***	
16-	139968GT	O-RING,END COVER,OMNI***	
16-	139969GT	LINING KIT,BRAKE,OMNI***	
16-	139970GT	SEAL KIT,BRAKE,OMNI***	
16-	139971GT	BEARING KIT,OMNI***	
16-	139972GT	SEAL KIT,GEARBOX,OMNI***	
16-	147033GT	O-RING,PIPE PLUG KIT,OMNI***	
16-	147034GT	PIPE PLUG KIT,OMNI***	
16-	230849GT	WHEEL STUD,5/8-18X67MM	
16B	77674GT	NUT,HEX,FLANGE 5/8-18,GRD 8 ZI	

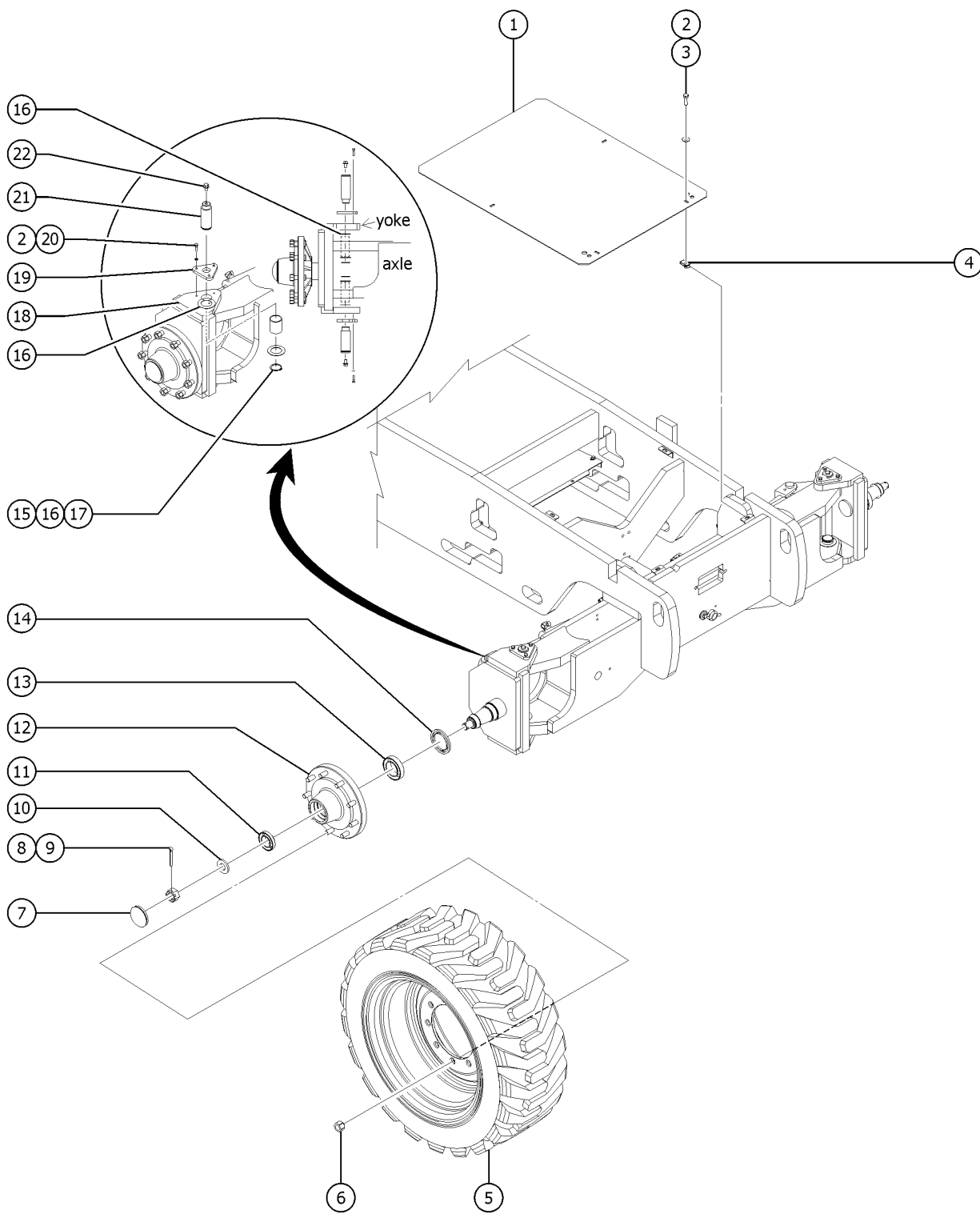
201.1 Steer-end Wheels and Hubs, 4WD Models



201.1 Steer-end Wheels and Hubs, 4WD Models

Item	Part No.	Description	Qty.
17A	110725GT	TIRE/WHEEL ASSY,HF W/SEALANT Turf with sealant	4
17B	73923GT	TIRE & WHEEL ASSY.,FLOTATION High Float	1
17B-	73924GT	WHEEL, 19.5X14.00 for 73923	
17B-	73925GT	TIRE,33/16LL500,10PLY LITEFOOT for 73923	
17C	237912GT	TIRE/WHEEL ASSY,RT AIR,LEFT RT, Air-filled, left	2
17C	237913GT	TIRE/WHEEL ASSY,RT AIR,RIGHT RT, Air-filled, right	2
17C-	139915GT	TIRE,315/55D20-12 PLY for 237912 and 237913	
17C-	1254668GT	WHEEL,20 X 11,9 HOLE X 9.5 BC for 237912 and 237913	
17D	237914GT	TIRE/WHEEL ASSY,RT FOAM,LH RT, Foam-filled, left	2
17D-	237915GT	TIRE/WHEEL ASSY,RT FOAM,RH RT, Foam-filled, right	2
17E	217190GT	TIRE/WHL ASSY,RT AIR,NON-MRK L RT, Air-filled, Non-marking, left	2
17E-	217191GT	TIRE/WHL ASSY,RT AIR,NON-MRK R RT, Air-filled, Non-marking, right	2
17F	217192GT	TIRE/WHL ASSY,RT FOAM,NON-MK L RT, Foam-filled, Non-marking, left	2
17F-	217193GT	TIRE/WHL ASSY,RT FOAM,NON-MK R RT, Foam-filled, Non-marking, right	
17G	217196GT	TIRE/WHL ASSY,RT AIR W/SEALANT LH RT, Air-filled with sealant, left	2
17G-	217197GT	TIRE/WHL ASSY,RT AIR W/SEALANT RH RT, Air-filled with sealant, right	2
17H	217194GT	TIRE/WHL ASSY,RT AIR NON-MRK W/SEAL LH RT, Air-filled with sealant, Non-marking, left	2
17H-	217195GT	TIRE/WHL ASSY,RT AIR NON-MRK W/SEAL RH RT, Air-filled with sealant, Non-marking, right	2
17J	217198GT	TIRE/WHL ASSY,RT REPNEU FOAM LH RT, REPNEU Foam-filled, left	2
17J-	217199GT	TIRE/WHL ASSY,RT REPNEU FOAM RH RT, REPNEU Foam-filled, right	2
17K	1260394GT	TIRE/WHL ASSY,RT,REP-FOAM,NM,L RT, REPNEU Foam-filled, Non-marking, left	2
17K-	1260395GT	TIRE/WHL ASSY,RT,REP-FOAM,NM,R RT, REPNEU Foam-filled, Non-marking, right	2
18A	233482GT	MACHINING, YOKE, RH right	1
18B	233481GT	MACHINING, YOKE, LH left	1
19	102158GT	O-RING,.103 X 4.737,VITON, 75D right	2
20	101586GT	MOTOR,PISTON,LC25,6.5 DEG,13T right	2
20-	106098GT	SEAL KIT,MOTOR,LC/KC*** right	
21	237568GT	WELDMENT, PIN, 1.5INX3.2IN LG right	1

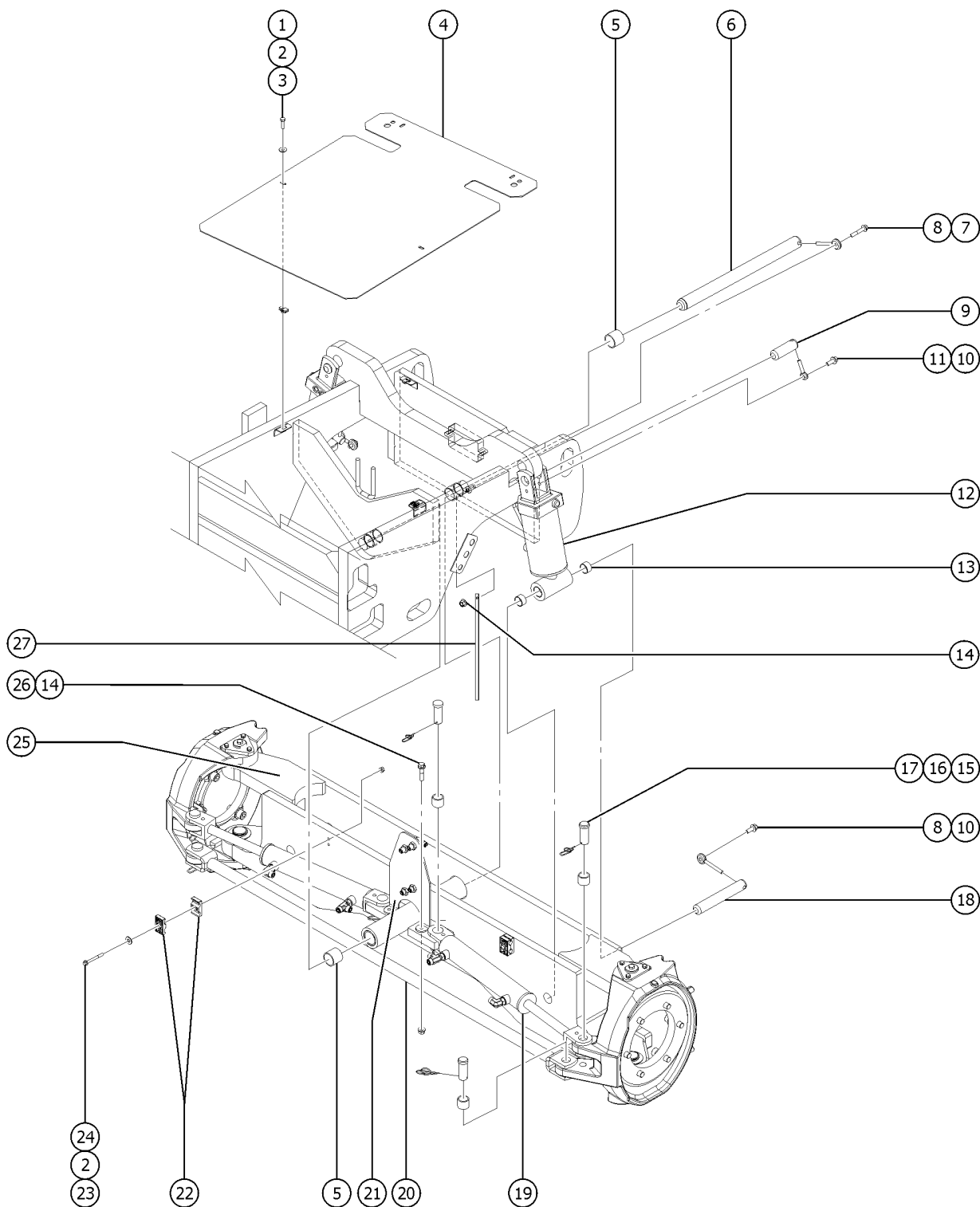
202.1 Steer-end Wheels and Hubs, 2WD Models



202.1 Steer-end Wheels and Hubs, 2WD Models

Item	Part No.	Description	Qty.
1	50770GT	COVER,DR CHASSIS FRONT, NON-OSC	1
2	824060GT	SCREW,HHC,1/4-20X1,8,ZAG	16
3	824113GT	WASHER,FLAT,1/4,USS,ZAG	4
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	4
5		Ref.WHEEL & TIRE ASSY	
		(refer to 201.1)	
6	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
7	54959GT	CAP,DUST (54840 HUB ASSY)	2
8	45114GT	PIN,COTTER,.219 X 1.75	2
9	45113GT	NUT,SPINDLE,1-14	2
10	45112GT	WASHER,SPINDLE	2
11	54962GT	BEARING,OUTER,9 BOLT HUB***	2
12	54840GT	HUB ASSEMBLY,9 BOLT***	2
		(includes items 7, 11, 13, 14)	
12-	45837GT	BRAKE TRACK	
12-	54960GT	SEAL-GREASE,9-BOLT HUB 54840	
12-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	
13	54961GT	BEARING,INNER,9 BOLT HUB***	2
14	54960GT	SEAL-GREASE,9-BOLT HUB 54840	2
15	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	4
16	1251565GT	WASHER,SHIM,1.56X2.5X0.061,ZAG	4
17	119619GT	BEARING,1.5IDX1.75ODX1.5L,PTFE	4
18A	232090GT	WELDMENT, YOKE	1
		(right side, shown, does not include bearings)	
18B	235648GT	WELDMENT, YOKE	1
		(left side, does not include bearing)	
19	237610GT	PLATE, YOKE PIN	4
20	824109GT	WASHER,LOCK,1/4,ZAG	12
21	237566GT	PIN,1.5INx4.2IN LG., 1 GROOVE	4
22	1256857GT	SCREW,HHF,3/8-16X.625,8,ZAG	4

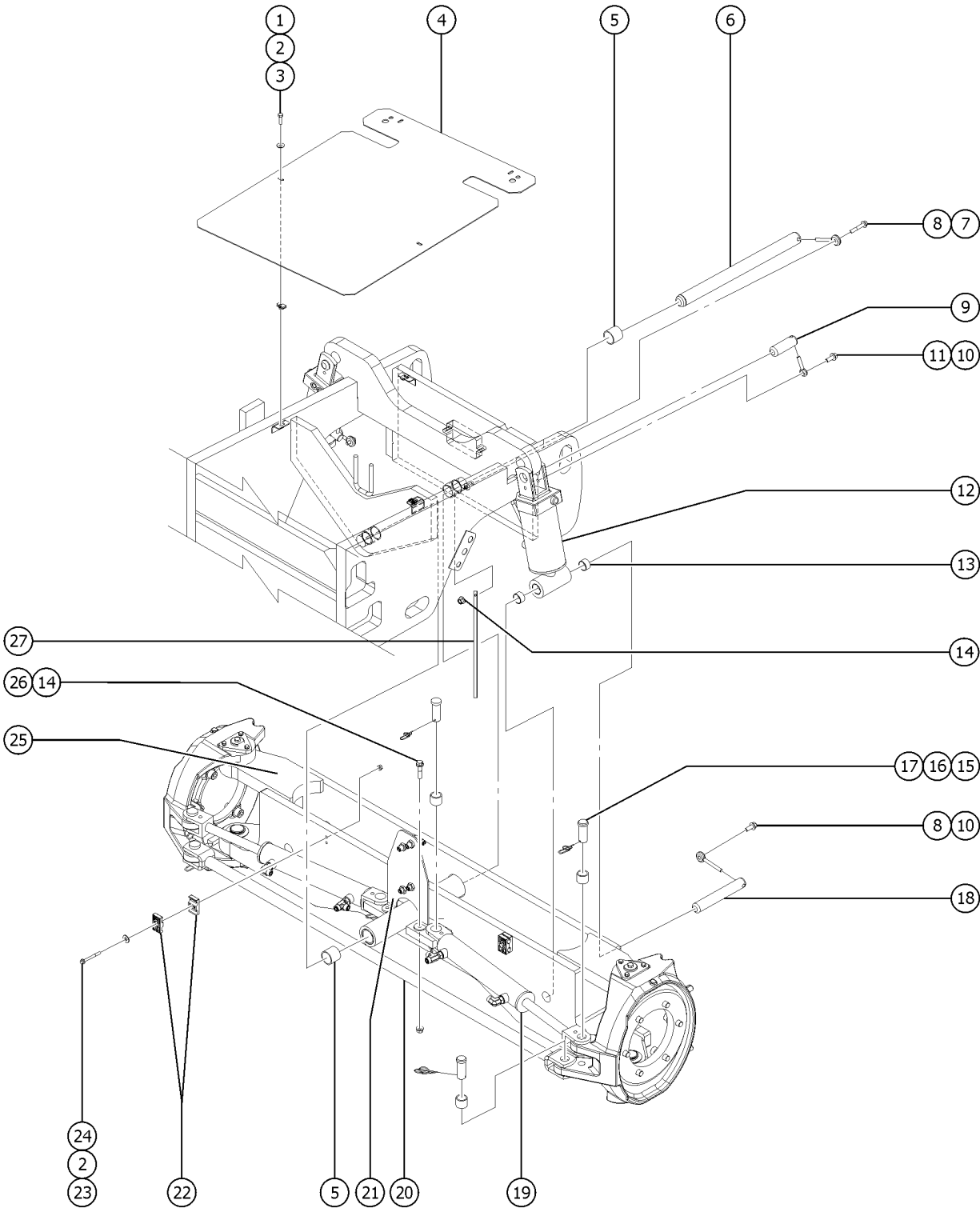
203.1 Steer Axle Linkage



203.1 Steer Axle Linkage

Item	Part No.	Description	Qty.
1	824060GT	SCREW,HHC,1/4-20X1,8,ZAG	4
2	824113GT	WASHER,FLAT,1/4,USS,ZAG	4
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	4
4	217526GT	COVER, DRIVE CHASSIS, FRONT	1
5	119619GT	BEARING,1.5IDX1.75ODX1.5L,PTFE	2
6	54542GT	PIN,1.50DIA X 20.00LG,CHAMFER	1
7	1256693GT	SCREW,HHF,3/8-16X2.25,8,ZAG	1
8	825019GT	ROD END,.375X3.69,ZAG	3
9	50742GT	PIN,1.25DIA X 3.75LG,1HOLE	2
10	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	4
11	1255452GT	ROD END,.375 X 2.25,ZAG	2
12	54567GT	CYLINDER,OSCILLATE,Z45*** models with oscillate option	2
12-	65791GT	SEAL KIT,CYL,Z45 (54567) for 54567	
12-	77409GT	VALVE,COUNTERBALANCE,1000 ATM	
13	47377GT	BEARING,1.25 ID X 1.5 OD X .75	4
14	824029GT	NUT,TL FLG,3/8-16,G,ZAG	4
15	824127GT	PIN,CLEVIS,1.0X2.41,SAE,ZAG	6
16	25817GT	BEARING,1.00IDX1.25ODX1.00L	6
17	824129GT	RUE RING,1.0,ZAG	6
18	36198GT	PIN,1.25DIA X 8.12LG,1HOLE	2
19	89065GT	CYLINDER,STEER***	2
19-	89066GT	SEAL KIT,STEER CYL (89065) for 89065	
20	237703GT	TIE ROD WELDMENT, Z45/51	1
21	215333GT	FORMING, FRONT AXLE BRK	1
22	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	4
23	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	2
24	824027GT	NUT,TL FLG,1/4-20,G,ZAG	2
25	232081GT	WELDMENT, FRONT AXLE, Z45	1

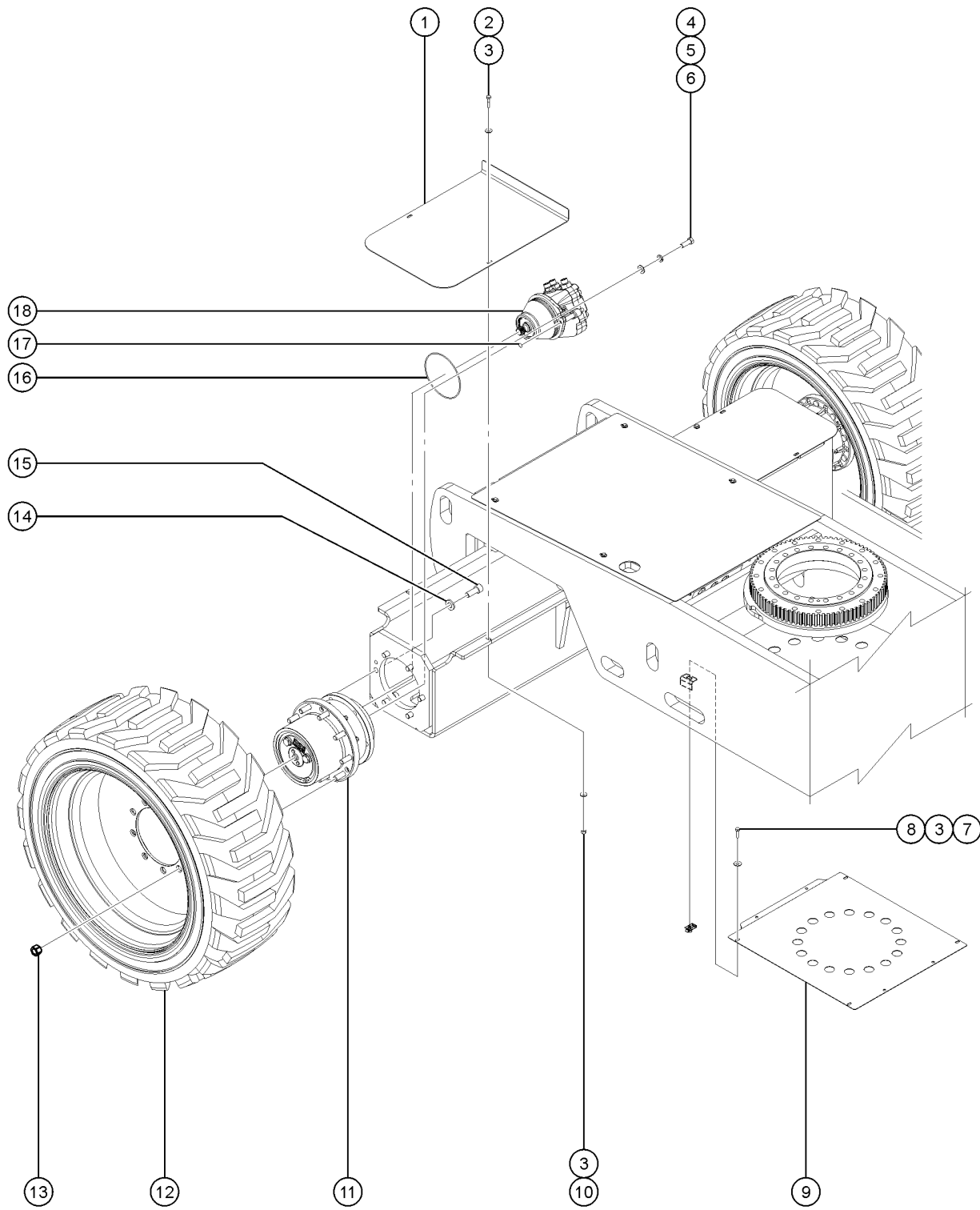
203.1 Steer Axle Linkage



203.1 Steer Axle Linkage

Item	Part No.	Description	Qty.
26	824093GT	SCREW,HHF,3/8-16X1.75,8,ZAG	2
27	107578GT	GROUND STRAP,24"LONG	1
		models with non-marking tires	

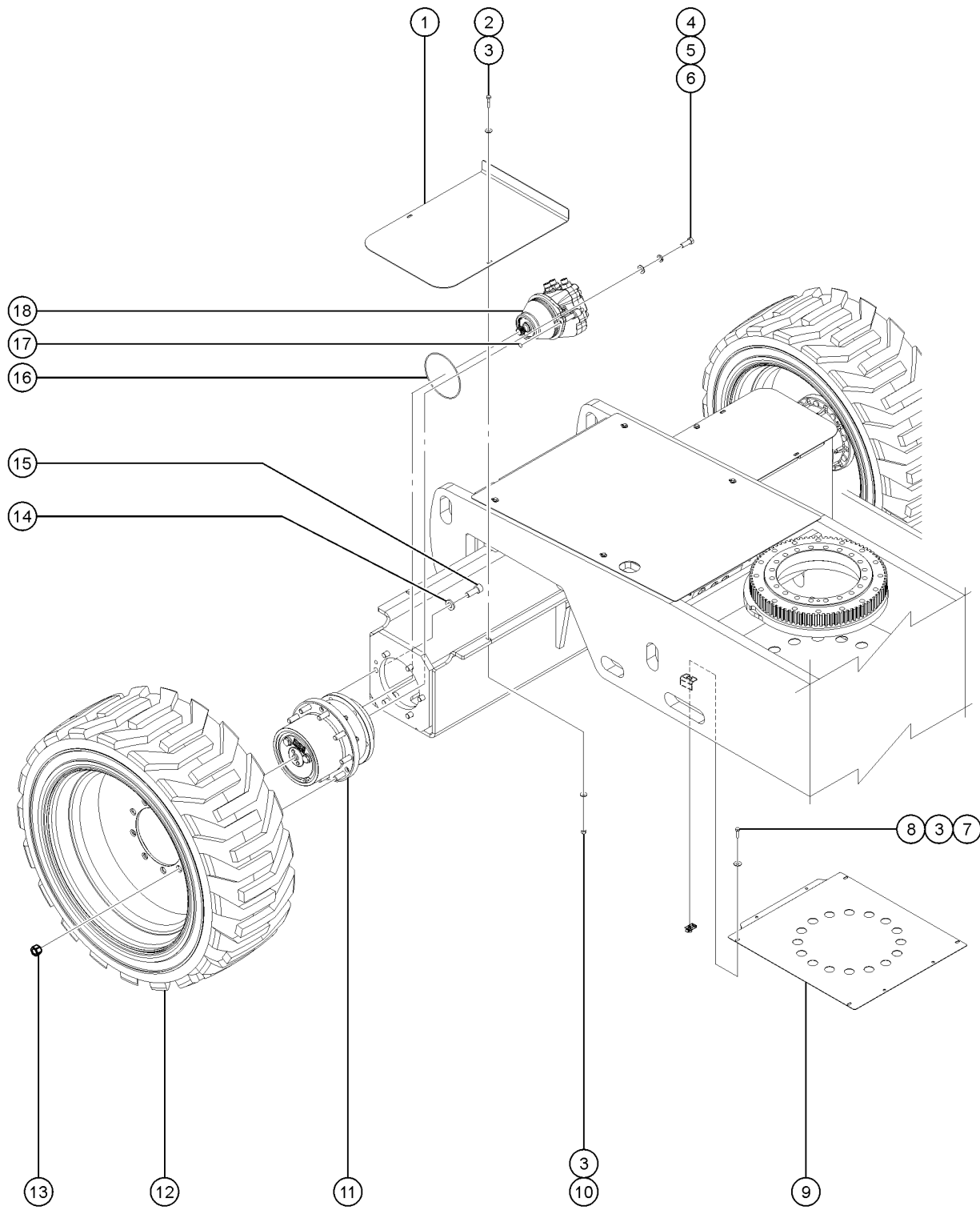
204.1 Non-steer End Wheels and Hubs



204.1 Non-steer End Wheels and Hubs

Item	Part No.	Description	Qty.
1	216057GT	COVER, REAR AXLE, METRIC Z45	2
2	824061GT	SCREW,HHC,1/4-20X1.25,8,ZAG	4
3	824113GT	WASHER,FLAT,1/4,USS,ZAG	12
4	1273207GT	SCREW,HHC,7/16-14X1.5,ZAG	4
5	1272129GT	WASHER,LOCK,7/16,ZAG	4
6	1257078GT	WASHER, .469 X .768 HRD, ZAG	4
7	824060GT	SCREW,HHC,1/4-20X1,8,ZAG	4
8	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	1
9	120269GT	FORMING,BELLY PAN	1
10	824024GT	NUT,TL,1/4-20,C,ZAG	4
11	139330GT	WHEEL DRIVE W/ BRAKE,57:1***	2
11-	9990184GT	RETAINING RING, INTERNAL, #180 (COMPONENT OF 139330GT) for 139330	
11-	139966GT	ROD,DISCONNECT,OMNI***	
11-	139967GT	CAP,DISENGAGE,OMNI***	
11-	139968GT	O-RING,END COVER,OMNI***	
11-	139969GT	LINING KIT,BRAKE,OMNI***	
11-	139970GT	SEAL KIT,BRAKE,OMNI***	
11-	139971GT	BEARING KIT,OMNI***	
11-	139972GT	SEAL KIT,GEARBOX,OMNI***	
11-	147033GT	O-RING,PIPE PLUG KIT,OMNI***	
11-	147034GT	PIPE PLUG KIT,OMNI***	
11-	230849GT	WHEEL STUD,5/8-18X67MM	
12		Ref. WHEEL & TIRE ASSY,RR/LF,AIR (refer to 201.1 or 202.1)	
13	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
14	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	12
15	1268368GT	SCREW,SHC,5/8-11X1.62,A574,ZAG	12
16	102158GT	O-RING,.103 X 4.737,VITON, 75D	2
17	106117GT	O-RING,2-010,VITON	2

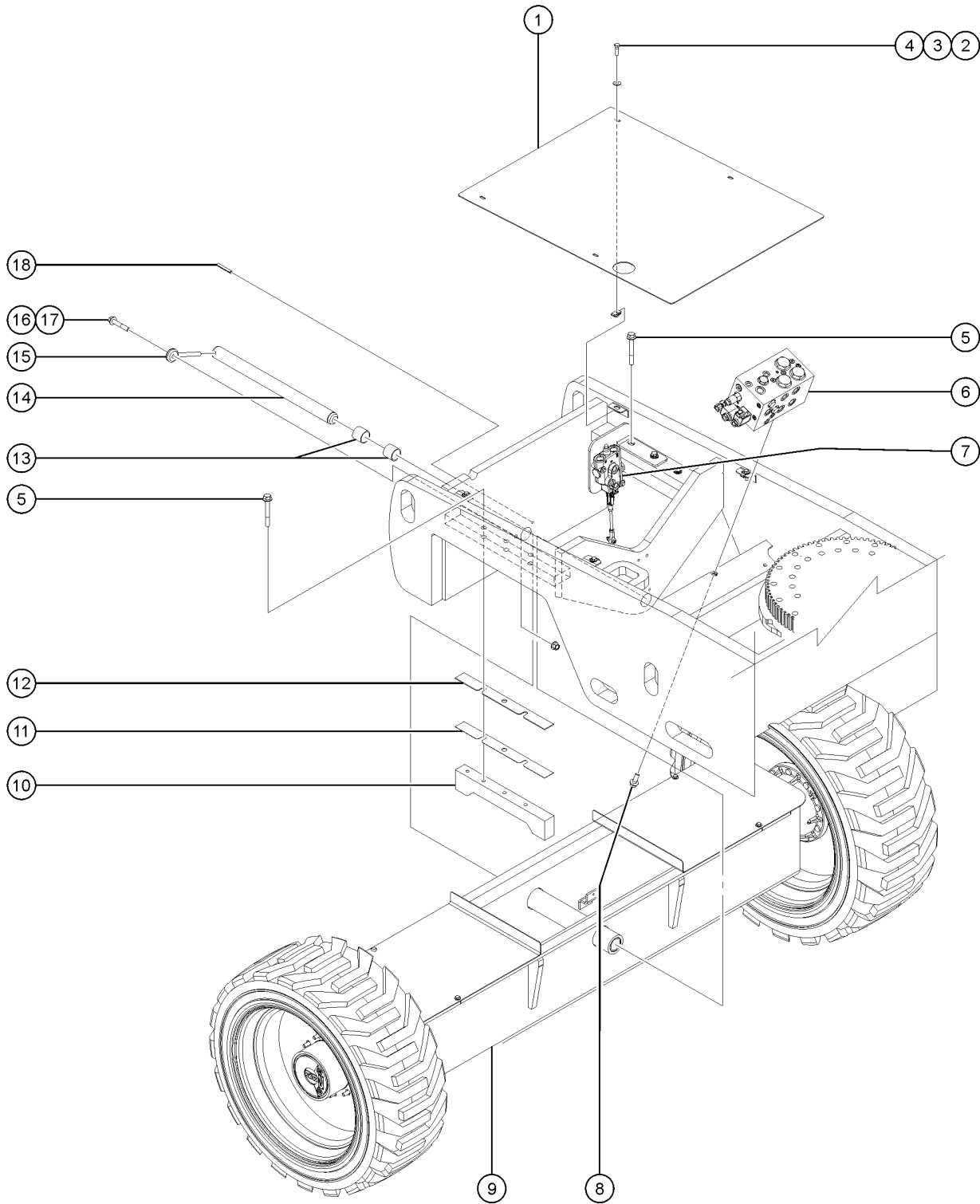
204.1 Non-steer End Wheels and Hubs



204.1 Non-steer End Wheels and Hubs

Item	Part No.	Description	Qty.
18A	101586GT	MOTOR,PISTON,LC25,6.5 DEG,13T 4WD Models	2
18A-	106098GT	SEAL KIT,MOTOR,LC/KC***	
18B	101587GT	MOTOR,PISTON,LC30,10 DEG,13T 2WD Models	2
18B-	32680GT	SEAL KIT,SUNSTRAND	

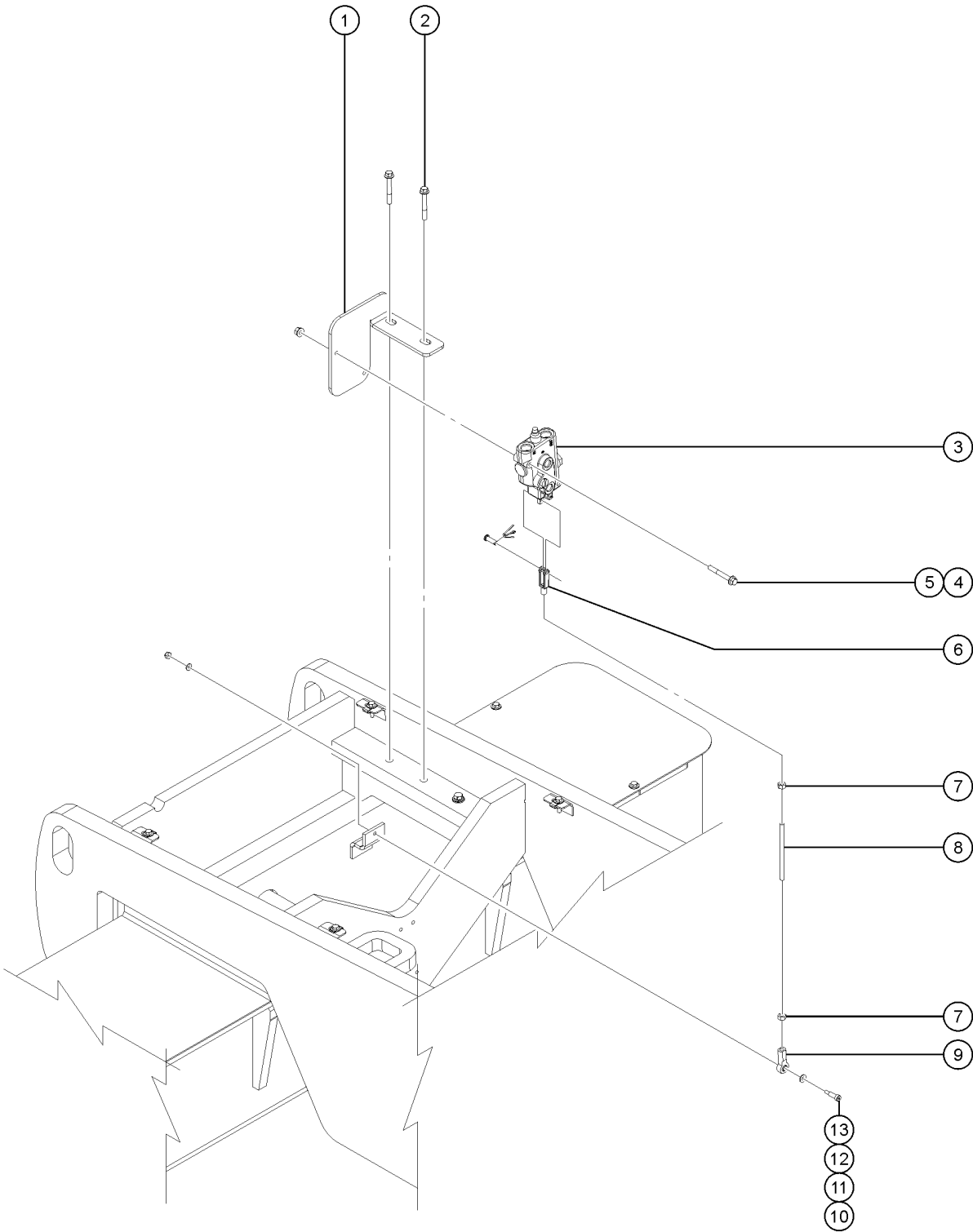
205.1 Non-steer Axle



205.1 Non-steer Axle

Item	Part No.	Description	Qty.
1	235642GT	COVER, DRIVE CHASSIS, REAR	1
2	824060GT	SCREW,HHF,1/4-20X1,8,ZAG	4
3	824113GT	WASHER,FLAT,1/4,USS,ZAG	4
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	4
5A	824094GT	SCREW,HHF,3/8-16X2.75,8,ZAG	6
		4WD Models	
5B	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG	6
		2WD Models	
6		Ref. Traction Manifold	
		(refer to 701.1 or 702.1)	
7		Ref. Oscillate Valve	
		(refer to 206.1)	
8A	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	3
		4WD Models	
8B	1255469GT	SCREW,HHF,1/2-13X1.25,8,ZAG	3
		2WD Models	
9	232092GT	WELDMENT, FORMED REAR AXLE	1
10	216205GT	BAR,AXLE ROTATION STOP	2
11	119209GT	SHIM,AXLE ROTATION STOP,22GA	2
		as needed	
12	119210GT	SHIM,AXLE ROTATION STOP,12GA	2
		as needed	
13	119619GT	BEARING,1.5IDX1.75ODX1.5L,PTFE	2
14	54542GT	PIN,1.50DIA X20.00LG,CHAMFER	1
15	825019GT	ROD END,.375X3.69,ZAG	1
16	1256693GT	SCREW,HHF,3/8-16X2.25,8,ZAG	1
17	824029GT	NUT,TL FLG,3/8-16,G,ZAG	1
18	107843GT	PIN,ROLL, 25X1.75	2

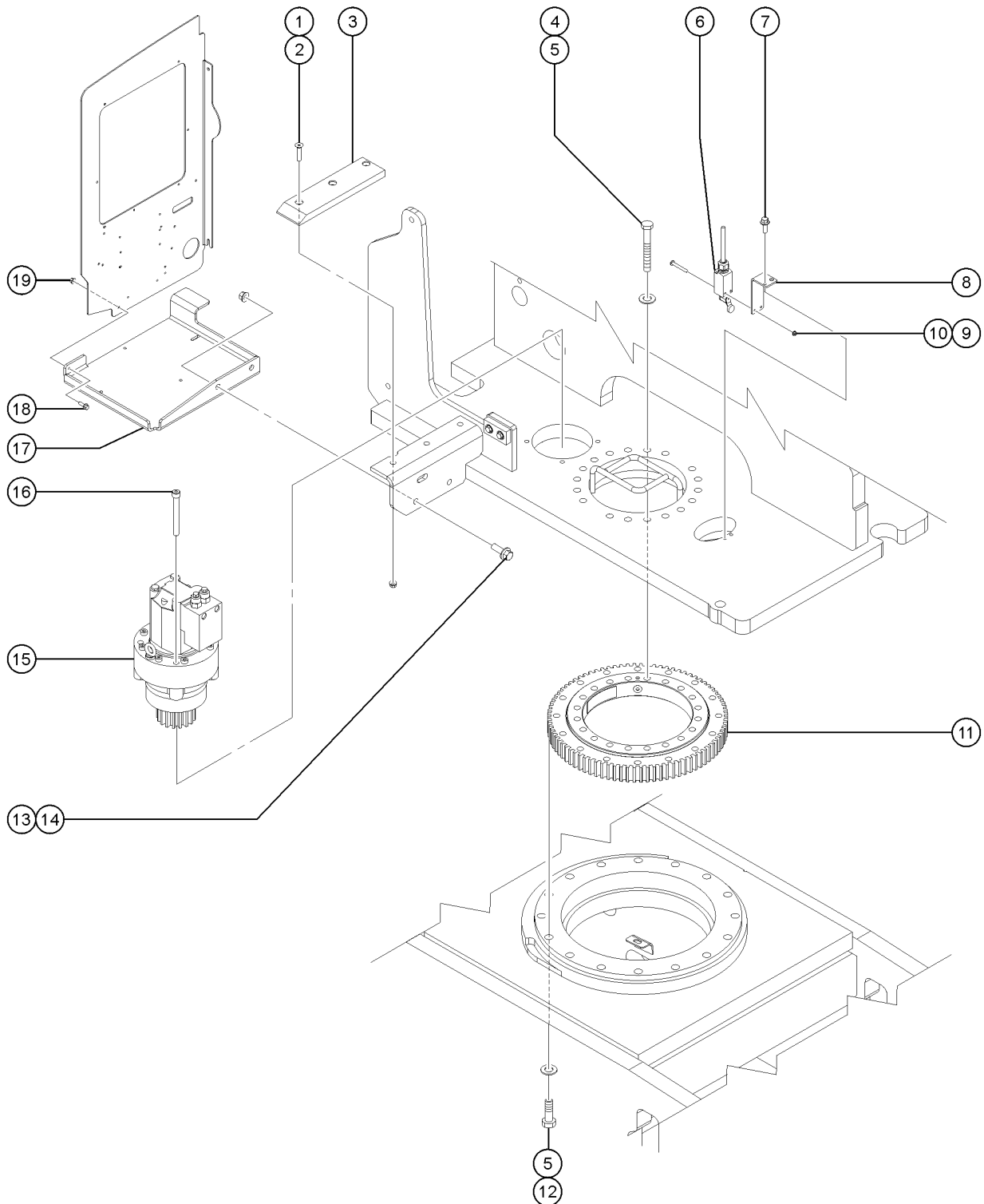
206.1 Oscillate Valve



206.1 Oscillate Valve

Item	Part No.	Description	Qty.
1	238345GT	FORMING, BRACKET, OSC VALVE	1
2A	824094GT	SCREW,HHF,3/8-16X2.75,8,ZAG	2
2B	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG	2
3	49768GT	VLV,MAN,3 POS/4 WAY,CLOSE CTR*	1
3-	32681GT	SEAL KIT,CONTROL VALVE	
		for 49768	
4	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	2
5	824027GT	NUT,TL FLG,1/4-20,G,ZAG	2
6	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
7	824041GT	NUT, 1/4-28, 8, ZAG	2
8	1257077GT	ROD,THREADED,1/4-28X4,ZAG	1
9	81691GT	ROD END,BALL JOINT 1/4-28	1
10	1257076GT	BOLT,SHS,1/4-28X4,ZAG	1
11	1253185GT	WASHER,FLAT,#10,USS,ZAG	1
12	1257390GT	WASHER,FLAT,#8,SAE,ZAG	1
13	5365GT	NUT,NYLOCK,10-24	1

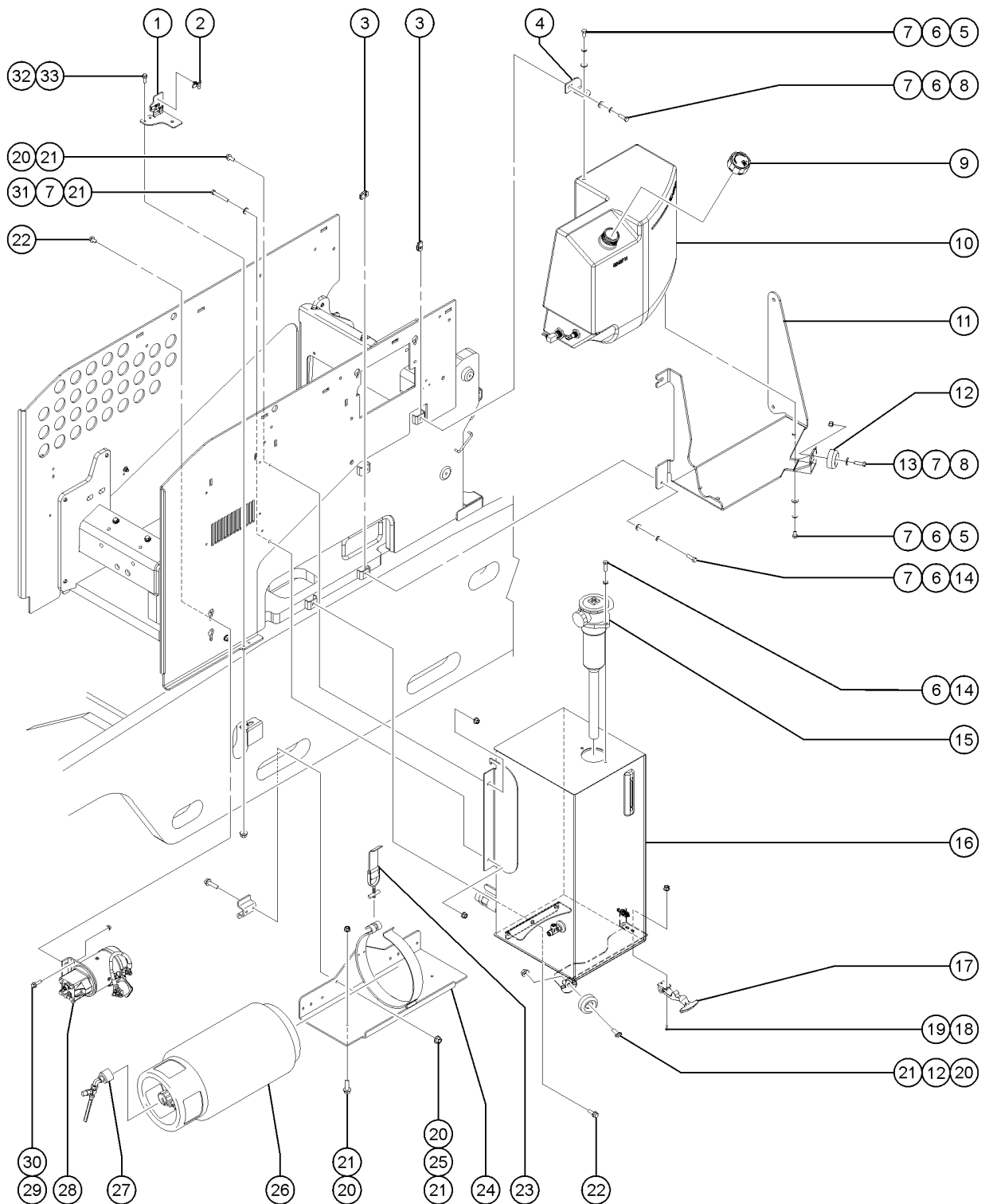
301.1 Turntable Rotator



301.1 Turntable Rotator

Item	Part No.	Description	Qty.
1	1259857GT	SCREW,FHS,3/8-16X1.75,F835,ZAG	3
2	824029GT	NUT,TL FLG,3/8-16,G,ZAG	3
3	50519GT	LOAD PAD,ENGINE TRAY SUPPORT	1
4	1256170GT	SCREW,HHC,5/8-11X4,8,ZAG	18
5	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	36
6	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC**	1
6-	19491GT	CONTACTOR,LIMIT SWITCH	
6-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
6-	97128GT	ROLLER ARM,LIMIT SWITCH***	
7	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	2
8	237790GT	BRACKET,DRIVE SENSOR,ENABLE	1
9	1264261GT	NUT,SERRATED,10-32,ZAG	2
10	824216GT	SCREW,PHPM,10-32X1.5,ZAG	2
11	101815GT	BEARING,SWING CHASSIS	1
12	1263142GT	SCREW,HHC,5/8-11,4.5,8,ZAG	16
13	826171GT	SCREW,HHF,1/2-13X1.75,ZAG	2
14	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
15	824050GT	SWING DRIVE ASSY, SW500B350V/4	
15-	48904GT	ELBOW,90D,520220-4-4 not included, must order seperately	
15-	824051GT	SEAL KIT, SWING DRIVE	
15-	824052GT	VALVE BLOCK, SWING DRIVE	
16	1263232GT	SCREW,SHC,1/2-13X4.5,A574,ZAG	4
17	147067GT	BRACKET,BATTERY MOUNT	1
18	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	1
19	824027GT	NUT,TL FLG,1/4-20,G,ZAG	1

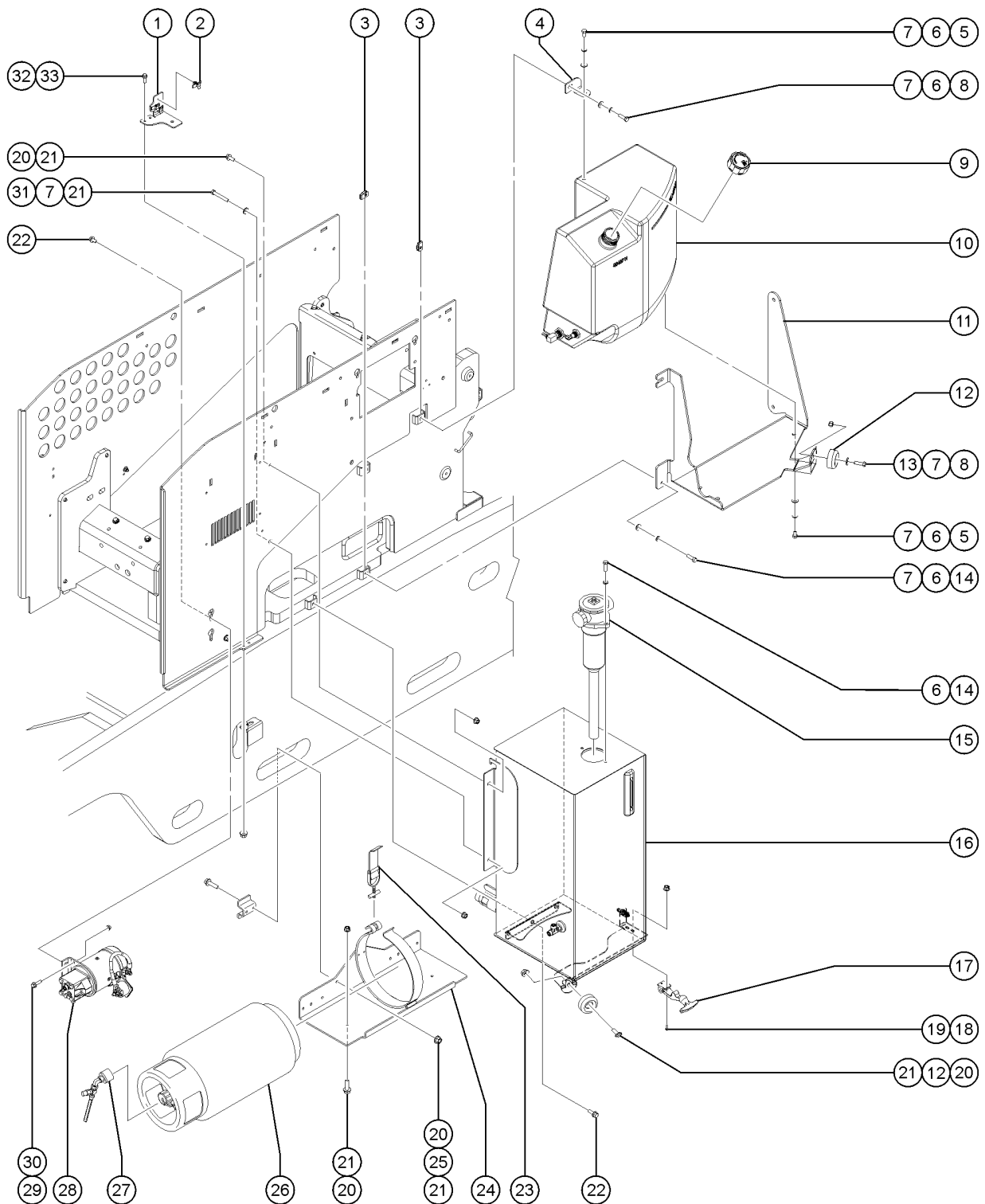
302.1 Fuel and Hydraulic Tank Installation



302.1 Fuel and Hydraulic Tank Installation

Item	Part No.	Description	Qty.
1	219350GT	FORMING, AUX. CABLE , HOSE BRK	1
2	105214GT	CABLE TIE MOUNT, WINGED	4
3	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	5
4	1270433GT	FORMING, UPPER FUEL TANK BRK	1
4B	238388GT	FORMING, UPPER FUEL TANK BRK. Perkins 404F-E22T Engine only (from SN Z452518N-59584)	1
5	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	
6	824110GT	WASHER,LOCK,3/8,ZAG	
7	1255758GT	WASHER,FLAT,3/8,USS,ZAG	
8	824067GT	SCREW,HHC,3/8-16X1,8,ZAG	
9	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN)	
10		REF. DIESEL FUEL TANK	
		(Refer to 303.1)	
10B		REF. GASOLINE FUEL TANK	
		(Refer to 303.2)	
11	1272705GT	MOUNT, FUEL TANK	1
		Deutz and Perkins models	
11B	238199GT	MOUNT, FUEL TANK	1
		Perkins 404F-E22T Engine only (from SN Z452518N-59584)	
12	50974GT	BUMPER,RUBBER,COVERS	2
13	824038GT	NUT,TL JAM,3/8-16,A,ZAG	
14	824068GT	SCREW,HHC,3/8-16X1.25,8,ZAG	5
15	110345GT	FILTER ASSY,INTANK	1
15-	147223GT	SEAL,FILTER LID	
15-	77353GT	KIT,ELEMENT**	
15-	77354GT	FILTER LID,RFM165	
15-	77365GT	BREATHER CAP,RFM165	
15-	88917GT	FILTER,ELEMENT,BETA(10)=200	
15-	94526GT	GASKET,RETURN FILTER-77353	
16	139960GT	ASSEMBLY,HYDRAULIC TANK	1
16-	139961GT	TANK,HYDRAULIC 24 GAL.	
16-	21141GT	GAUGE-SIGHT,LHA-LGTB***	
16-	101490GT	STRAINER,16 SAE F/24 SAE M	

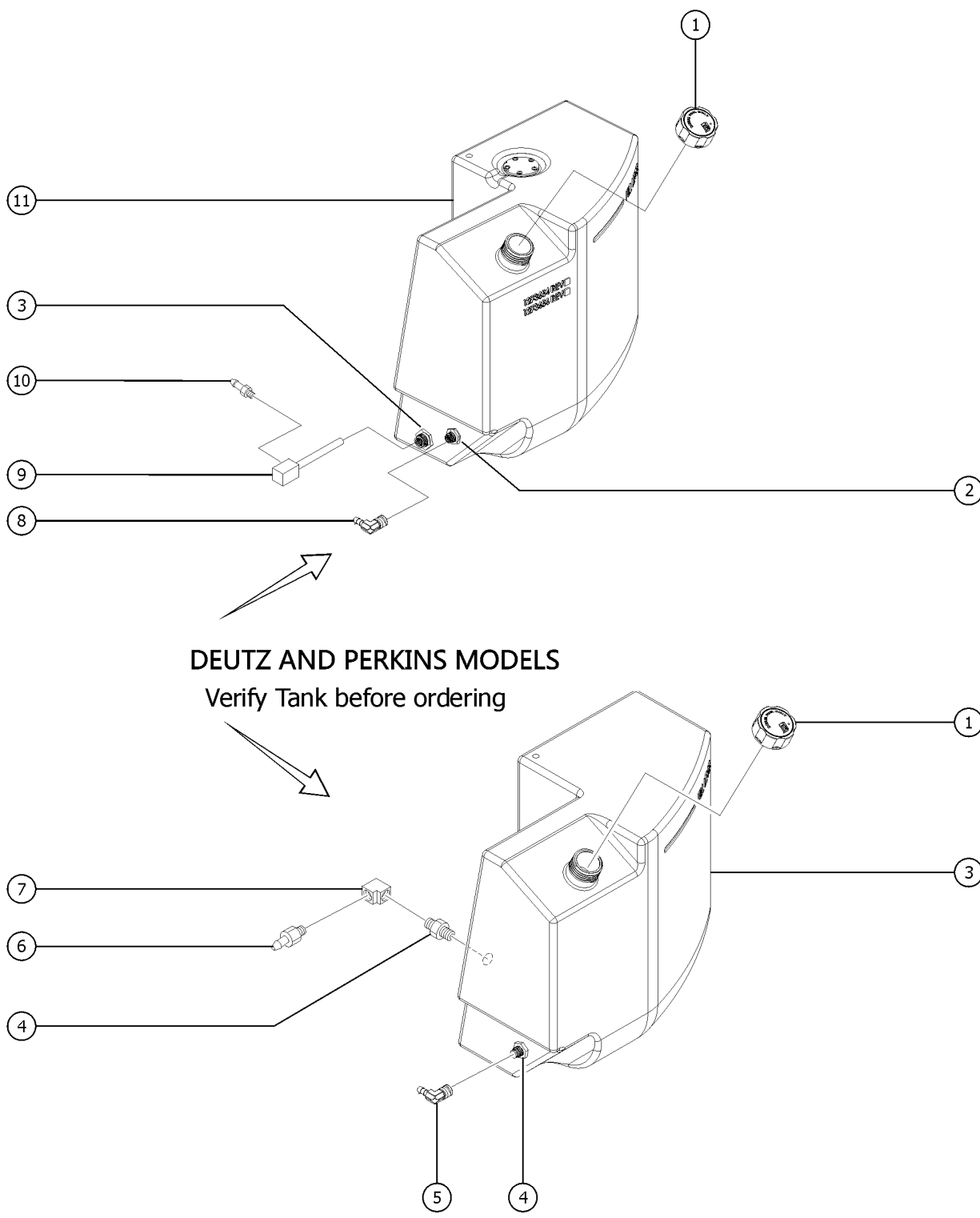
302.1 Fuel and Hydraulic Tank Installation



302.1 Fuel and Hydraulic Tank Installation

Item	Part No.	Description	Qty.
16-	94612GT	PLUG,MAGNETIC,SAE-6***	
17	45363GT	LATCH,FLEXIBLE	1
18	824215GT	SCREW,PHPM,10-32X.75,ZAG	2
19	1264261GT	NUT,SERRATED,10-32,ZAG	2
20	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	5
21	1274322GT	NUT,NYLOCK FLG,3/8-16,G,ZAG	
22	824089GT	SCREW,HHF,3/8-16X.75,8,ZAG	3
23	49000GT	L.P.TANK LATCH	1
24	220253GT	ASSEMBLY, LP TANK MOUNT, Z45	1
24-	60143-SGT	WELD, LPG TANK MOUNT	
25	60139GT	FORMING,LP BRACKET MOUNT	1
26	53605GT	TANK, 7 GAL/33.5 POUND, LP	1
27	119055GT	HOSE ASSY,LP GAS	1
28	77066GT	ASSEMBLY, AUX POWER UNIT, 12VD	1
29	824086GT	SCREW,HHF,5/16-18X1,8,ZAG	1
30	1255805GT	NUT,SERRATED,5/16-18,8,ZAG	1
31	824094GT	SCREW,HHF,3/8-16X2.75,8,ZAG	2
32	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
33	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2

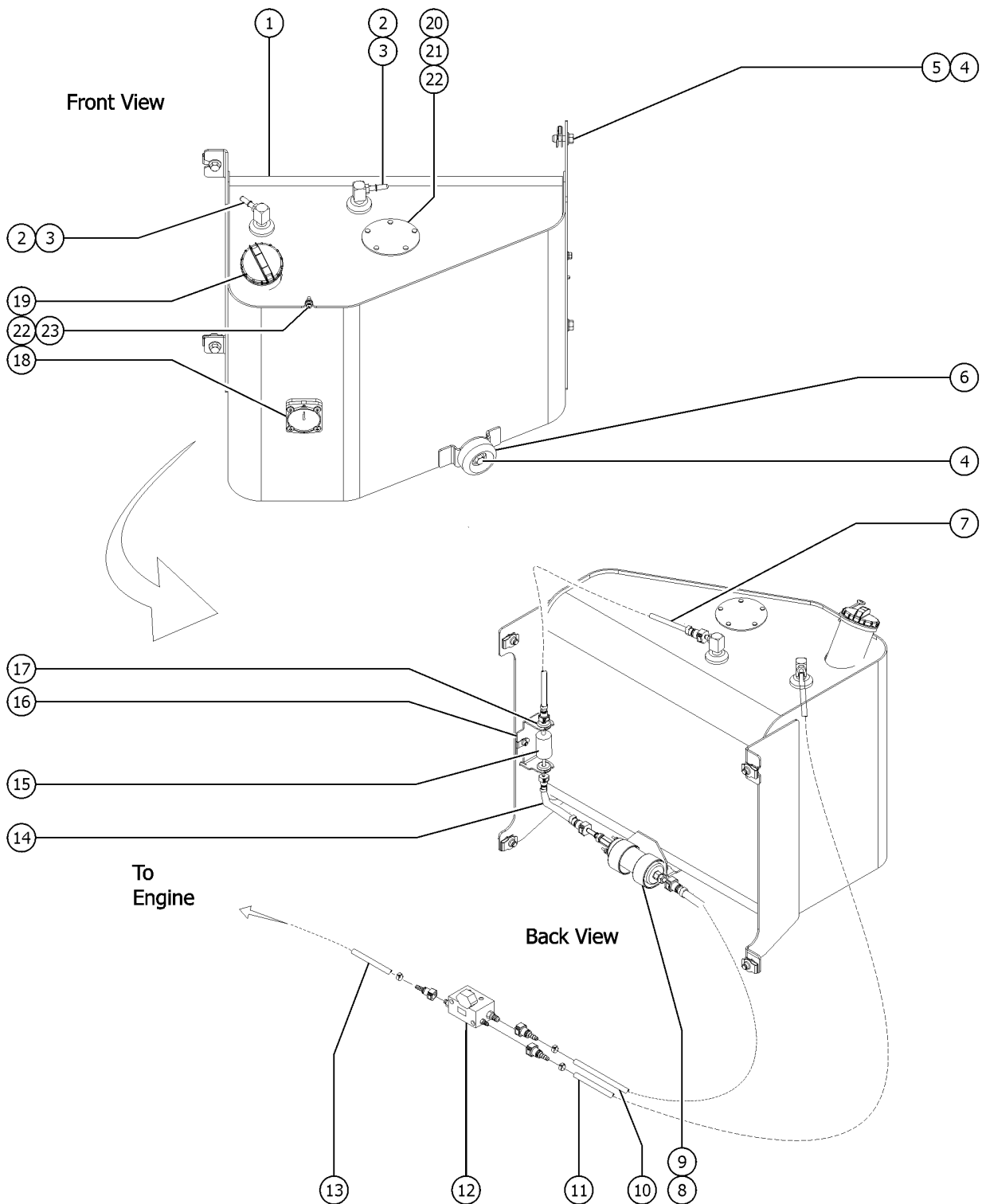
303.1 Diesel Fuel Tank



303.1 Diesel Fuel Tank

Item	Part No.	Description	Qty.
A		Verify Engine Make and Model Before Ordering Fuel Tank and Components	
B		Perkins 404D-22 and Deutz D2011L03 engines have one of two Fuel Tanks, verify tank ... before ordering	
1	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN)	1
2	54325GT	FITTING,BULKHEAD,1/4NPT,FUELTK	1
3	54324GT	FITTING,BULKHEAD,3/8NPT,FUELTK	
4	1273697GT	ASSY, FUEL TANK, 17 GAL, STD, PLASTIC (162467GT no longer available), verify tank before ordering	
4-	1271772GT	CAP, TANK, FUEL SENSOR	1
4-	1271773GT	GASKET, TANK, FUEL SENSOR	1
4-	1251757GT	SCREW,PHPM,10-32X.50,ZAG	5
5A	824872GT	FITTING,3/8NPT TO 3/16BARB,90 Deutz D2011L03i engine from SN Z452513A-49076	
5B	824874GT	FITTING,3/8NPT TO 3/16BARB,90 Perkins 404D-22 engine from SN Z452513A-49076	
5C	27904GT	HOSE END,BARBED,RIGID,90DEG6-6 Perkins 404F-22 and Deutz D2.9L4 engines	
6A	54124GT	HOSE END,BARB,3/8 MNPT X 5/16 Perkins 404D-22 and Deutz D2011L03i engines	
6B	824471GT	FITTING,3/8 NPT TO 1/2 BARB	
6C	27901GT	HOSE END,BARBED,RIGID,-6-6	
7	22348GT	ELBOW,130339-6-6	
8A	54204GT	ELBOW,90DEG,1/4MPT-1/4 BARB	
8B	107889GT	HOSE END,BARB,3/16 MNPT,90D	
9	54333GT	TUBE,FUEL PICKUP,3/8NPTX1/4PT	
10	54437GT	HOSE END,BARB,3/8 MNPT X 5/16	
11A	1274192GT	ASSY, FUEL TANK, 17 GAL, LEGACY PLASTIC (119798GT no longer available)(includes items 2, 3 & 9), verify tank before ordering	1
11B	1273698GT	ASSY, FUEL TANK, 17 GAL, FUEL SENSE, PLASTIC	
11B-	1271770GT	SENSOR, FUEL LEVEL, 30" DIESEL	
		(not shown) (models with fuel sense)	

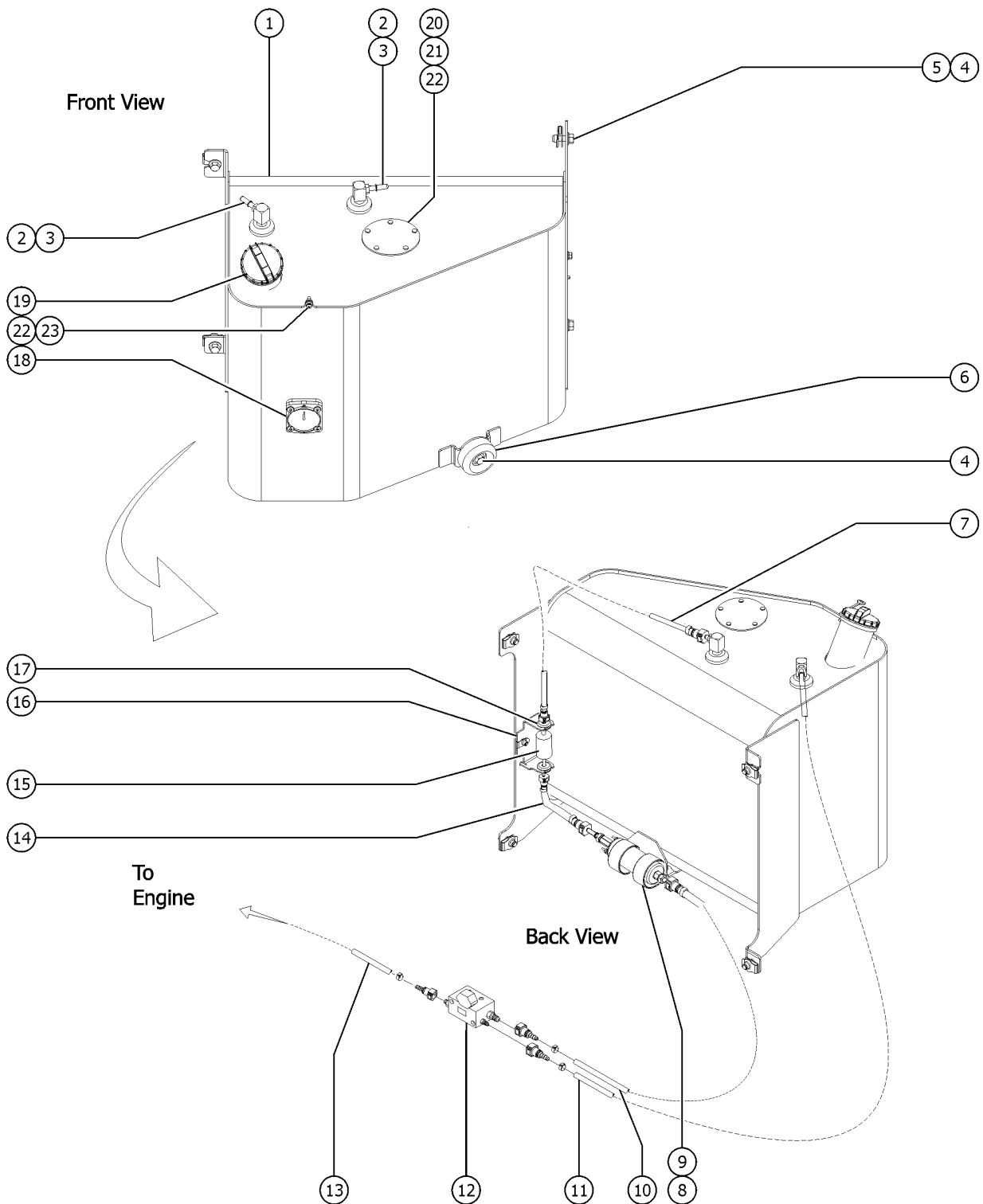
303.2 Gasoline Fuel Tank, Pump, Filter and Hoses



303.2 Gasoline Fuel Tank, Pump, Filter and Hoses

Item	Part No.	Description	Qty.
A	219848GT	ASSY, GASOLINE FUEL TANK complete (models without fuel sense)	1
A-	94612GT	PLUG,MAGNETIC,SAE-6***	1
1A	1274538GT	ASSEMBLY, FUEL TANK, 17 GAL, STD, STEEL without fuel sense option (includes items 20-22)	1
1B	1274539GT	ASSEMBLY, FUEL TANK, 17 GAL, STD, FS with fuel sense option (includes items 20-22)	
1-	145094GT	PLUG,SAE #6 for 1A and 1B	1
2	11818GT	STRAINERBREATHER-FILTER-OIL-(H	
3	147071GT	FUEL PICKUP,3/8X1/4 NPT X 1675	2
4A	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	4
4B	1255758GT	WASHER,FLAT,3/8,USS,ZAG	4
5	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
6	50974GT	BUMPER,RUBBER,COVERS	1
7	111817-1925GT	HOSE ASSY,SAE J2260/J2044	1
8	39518GT	CLAMP,2.00,#32 X 3/8,RUB CUSH from SN 57634	
9	119168GT	FUEL PUMP,DSG-423 AND MSG-425	1
10	111817-5625GT	HOSE ASSY,SAE J2260/J2044	1
11	111817-6725GT	HOSE ASSY,SAE J2260/J2044	1
12	119170GT	FUEL SENSOR ASSY.	1
13	111817-4825GT	HOSE ASSY,SAE J2260/J2044	1
14	111817-1025GT	HOSE ASSY,SAE J2260/J2044	1
15	1271652GT	FILTER, FUEL, GM	1
16	218523GT	FORMING, FUEL FILTER BRK.	1
16A	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
16B	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	
17	218790GT	GROMMET, FUEL FILTER	1
18	128851GT	GAUGE, FUEL TANK, GAS	1
19	119918GT	CAP,FUEL,GASOLINE 3.5PSI	1
20	1271773GT	GASKET, TANK, FUEL SENSOR from SN 57634	
21A	1271772GT	CAP, TANK, FUEL SENSOR without fuel sense option (from SN 57364)	

303.2 Gasoline Fuel Tank, Pump, Filter and Hoses

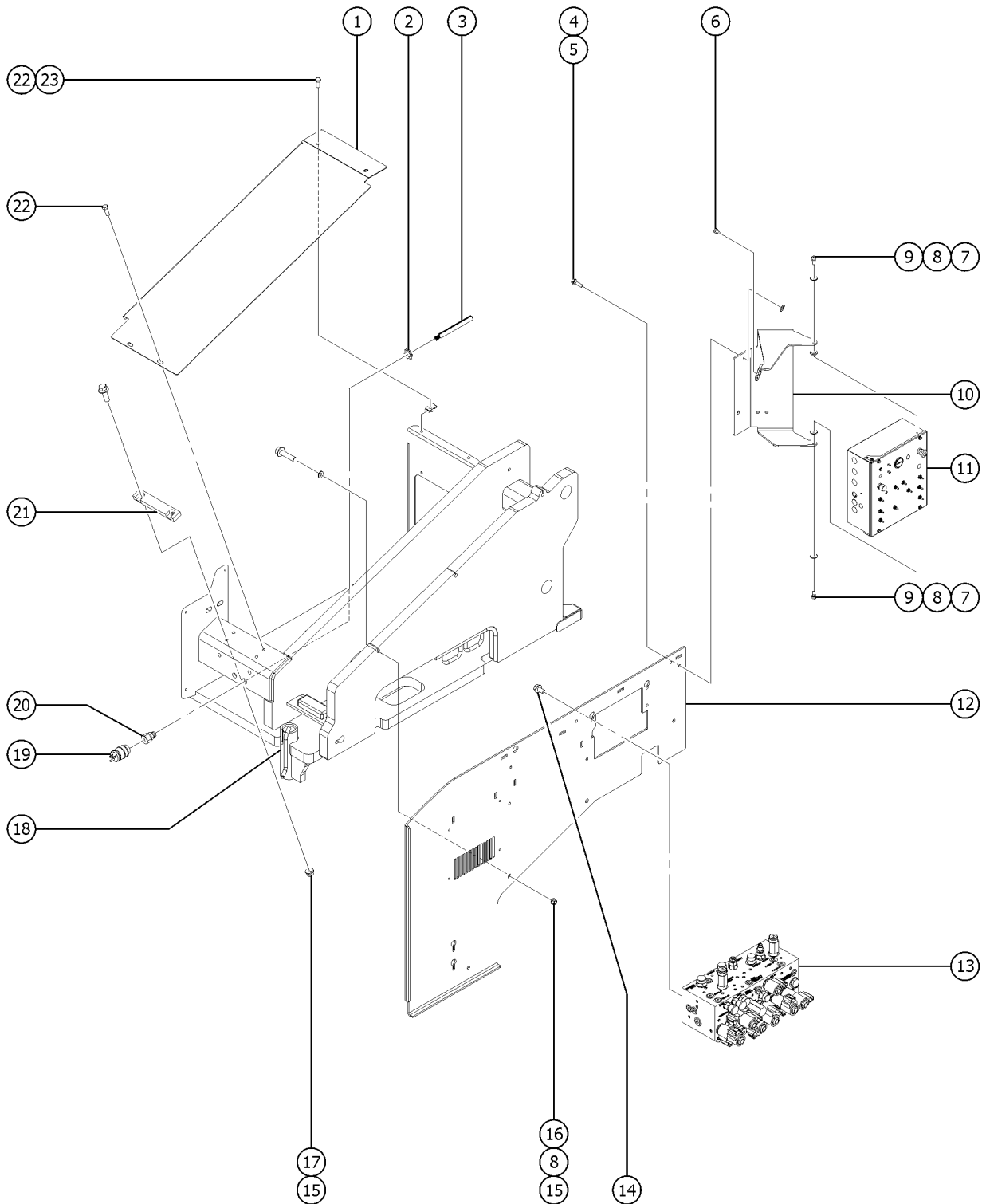


303.2 Gasoline Fuel Tank, Pump, Filter and Hoses

Item	Part No.	Description	Qty.
21B	1271771GT	SENSOR, FUEL LEVEL, 24" GAS with fuel sense option (from SN 57364)	
22	824215GT	SCREW,PHPM,10-32X.75,ZAG	
23	1264261GT	NUT,SERRATED,10-32,ZAG	



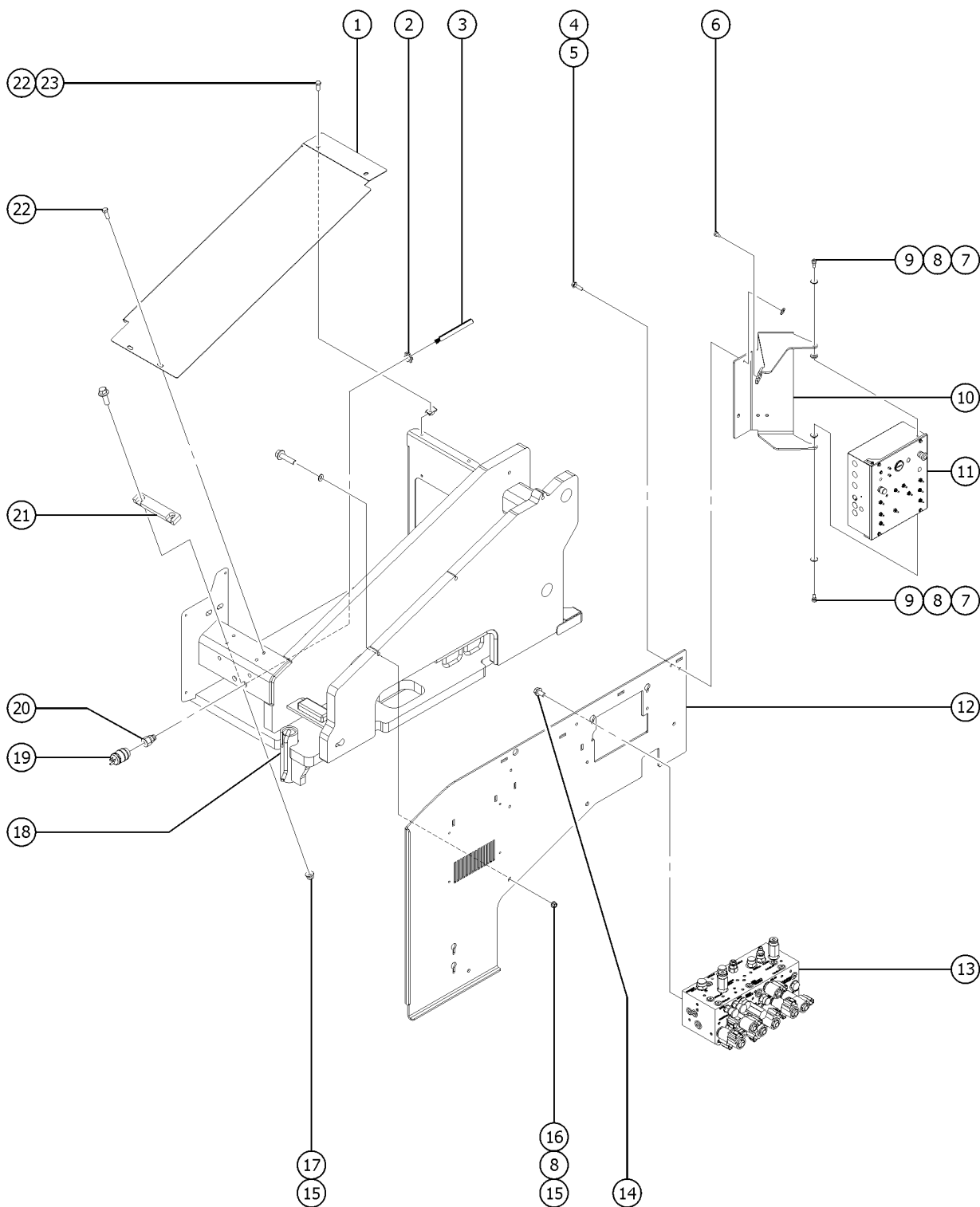
304.1 Function Manifold and Ground Control Box Installation



304.1 Function Manifold and Ground Control Box Installation

Item	Part No.	Description	Qty.
1	235643GT	COVER,CENTER SWING CHASSIS	1
2	6935GT	LOCKNUT, ELEC, 1/2"	1
3	43956GT	WIRE CABLE,14/3 CON.TPE JKT*	75 6- i nc hes
4	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	
		check length	
5	87684GT	PUSH RETAINER, 3/8" SCREW	
6	34619GT	BUMPER,RUBBER***	1
7	218466GT	SCREW,SHS,1/4-20 X .5 ZINC	
8	1255758GT	WASHER,FLAT,3/8,USS,ZAG	
9	218449GT	WASHER,SHOULDER,NYLON	
10	147011GT	BRACKET,CONTROL BOX MOUNTING	1
11		Ref. Ground Control Box (refer to 305.1, 306.1, 307.1, or 308.1)	1
12	147017GT	BULKHEAD,TANK SIDE	1
13		Ref. Function Manifold	1
		(refer to 703.1)	
14	121763GT	SCREW,HHF,3/8-16X.75	4
15	824029GT	NUT,TL FLG,3/8-16,G,ZAG	
16	1256848GT	SCREW,HHC,3/8-16X2.75,8,ZAG	
17	824092GT	SCREW,HHF,3/8-16X1.5,8,ZAG	
18	81834GT	WELDMENT,TRANSPORT LOCK	1
19	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
19-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
19-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
		(replaced 12153)	
19-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
19-	65737GT	FUSE,13 AMP,220V PLUG***	
19-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
20	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
21	50570GT	WEAR PAD,PRIMARY BOOM,NON JIB	1
22	824067GT	SCREW,HHC,3/8-16X1,8,ZAG	

304.1 Function Manifold and Ground Control Box Installation

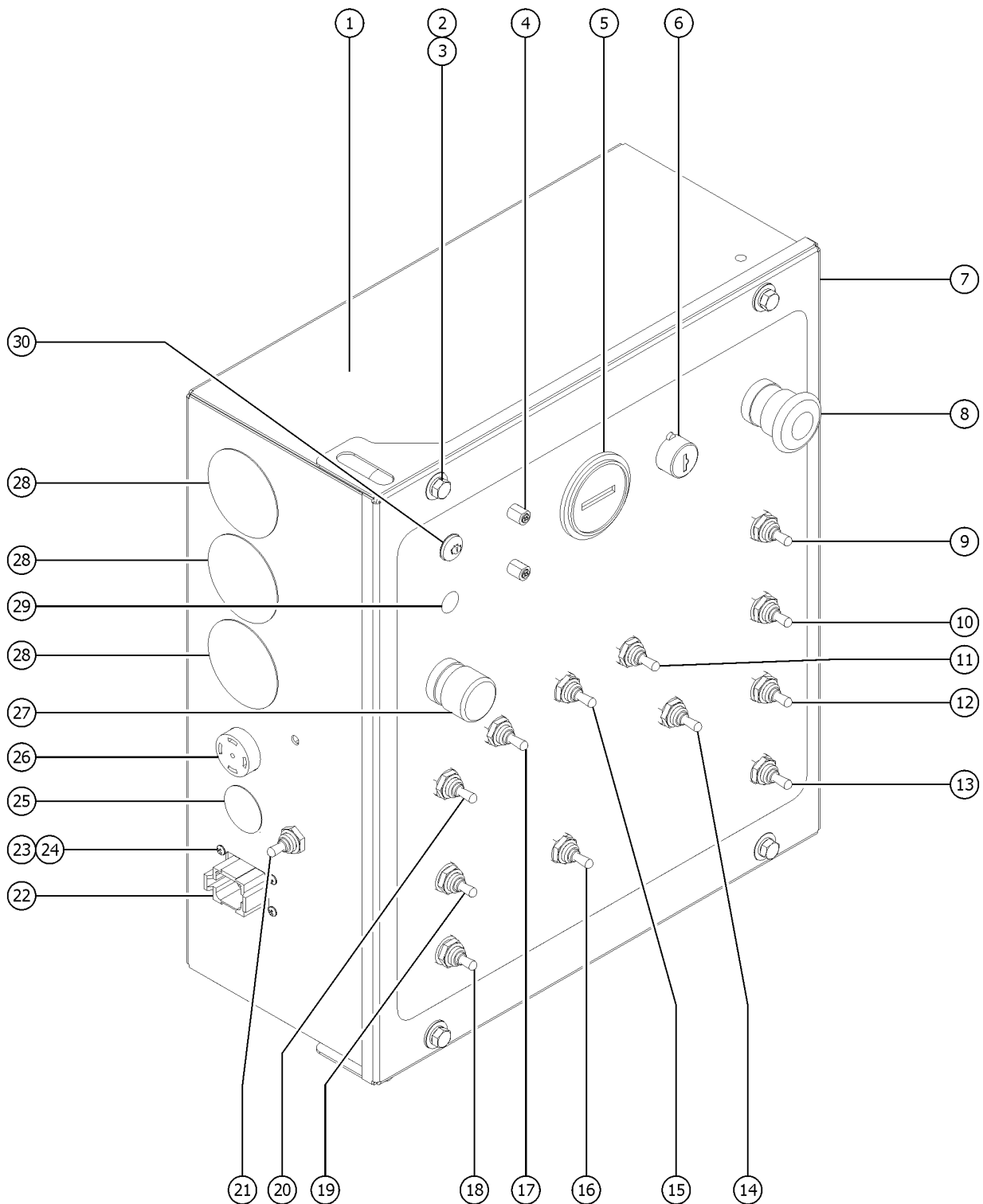


304.1 Function Manifold and Ground Control Box Installation

Item	Part No.	Description	Qty.
23	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	2



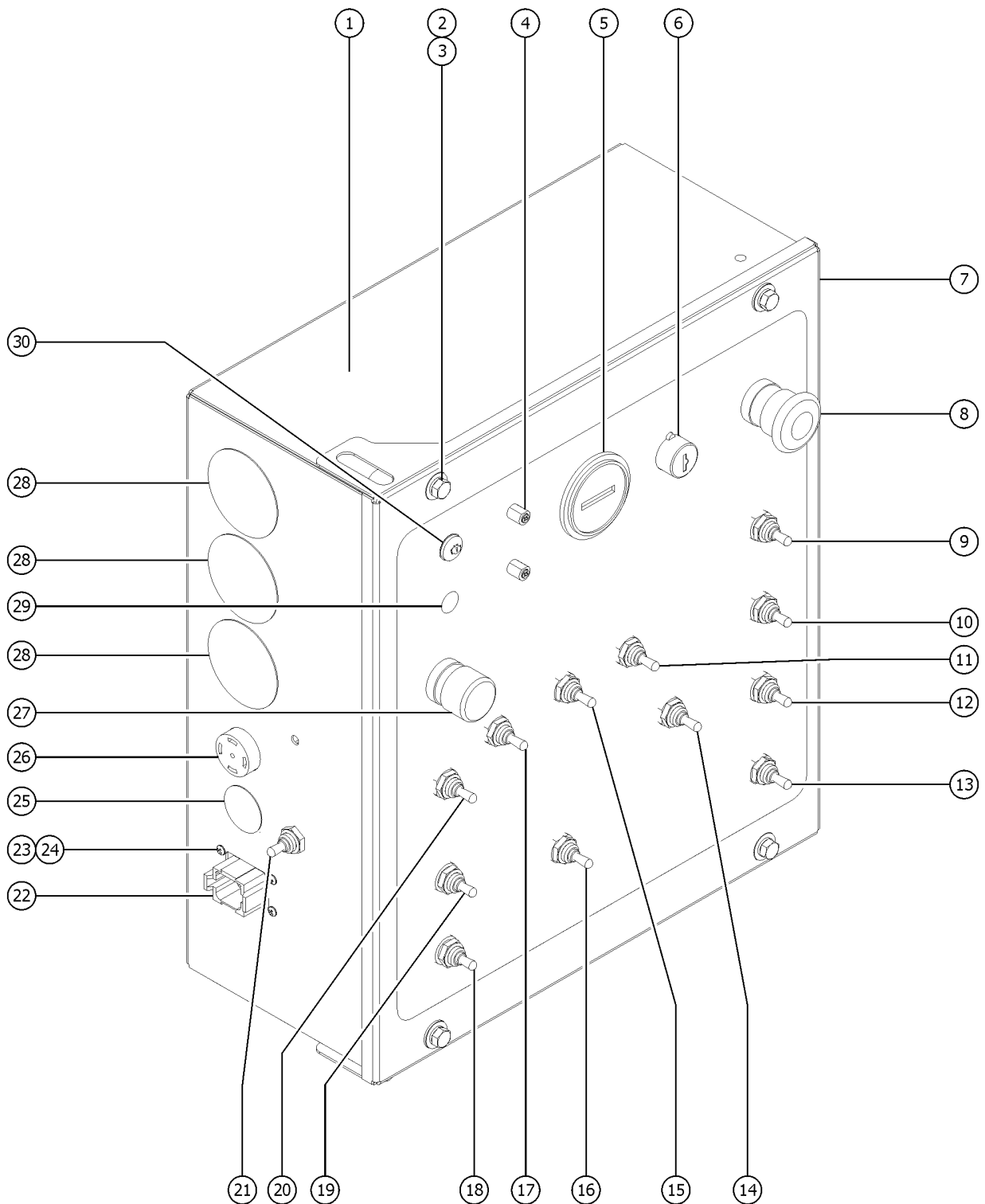
305.1 Ground Control Box, Models with Hour Meter, View 1



305.1 Ground Control Box, Models with Hour Meter, View 1

Item	Part No.	Description	Qty.
A	218451GT	ASSEMBLY,GBOX,Z45 DIESEL (complete)	1
B	218452GT	ASSEMBLY,GBOX,Z45 GAS (complete)	
C	218090GT	GASKET,GROUND CONTROL BOX 1	
1	218759GT	GROUND CONTROL BOX include item 3	1
2	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG 4	
3	T107520GT	NUTSERT,LP KNURLED,1/4-20X.165 1	
4	147090GT	CIRCUIT BREAKER, 15A 2	
5	19506GT	HOUR METER,10-80 VOLTS*** 1	
6A	96008-SGT	KEYSWITCH,3 POS. W/KEYS*** 1	
6A-	83093GT	KEY SINGLE*** 1	
6A-	94506GT	BASE,W/3 NC CONTACTS 1	
6B	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING 1	
6B-	83093GT	KEY SINGLE*** 1	
6B-	85239GT	NUT,RETAINER (96008) 1	
7	139804GT	LID,GROUND CONTROL BOX Decal not included, refer to section one	1
8	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD 1	
8-	66818GT	CONTACT,NC 1	
8-	73805GT	BASE,W/2 NC CONTACTS*** (includes 2 N.C. contacts)	
9A	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select (Gas/LPG); includes boot and hardware	1
9A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4 1	
9A-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR 1	
9A-	27246GT	BOOT,TOGGLE SWITCH,SHORT* 1	
9B-	229567GT	PLUG, SANTOPRENE .5 BLACK DOME (for Diesel models only)	
10	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Engine idle (rpm) select switch; includes boot and hardware (refer to item 10 for lower-level components)	1
11	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom up/down; includes boot and hardware (refer to item 11 for lower-level components)	1
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow plug switch (Diesel); includes boot and hardware (refer to item 10 for lower-level components)	1

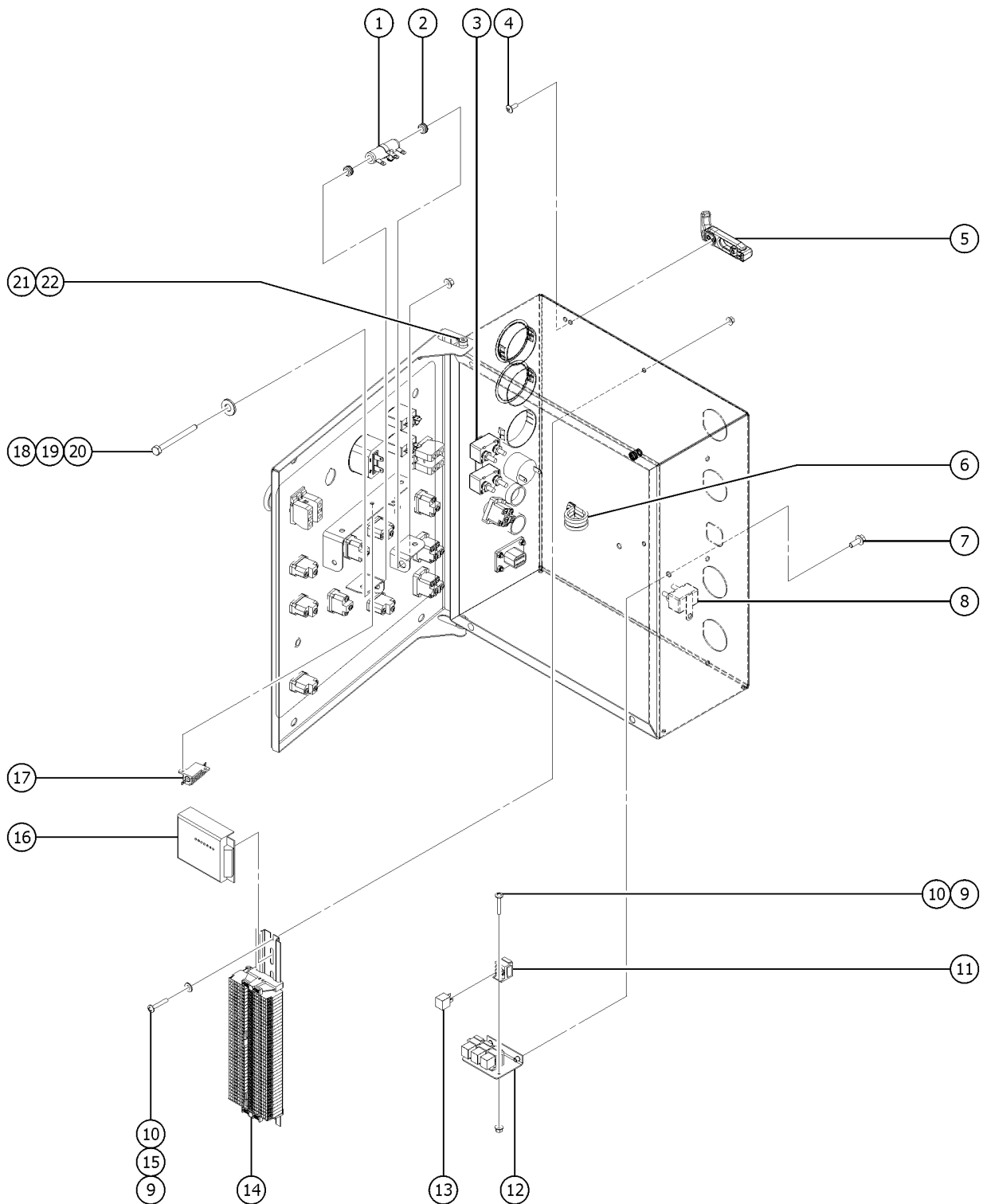
305.1 Ground Control Box, Models with Hour Meter, View 1



305.1 Ground Control Box, Models with Hour Meter, View 1

Item	Part No.	Description	Qty.
13	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine start switch; includes boot and hardware (refer to item 10 for lower-level components) 34052100392628014128200GTSWITCH TOGGLE ASSY SPDT 3P MOM11Secondary boom up/down; includes boot and hardware (refer to item 10 for lower-level components)	1
15	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom Ext/Ret; includes boot and hardware (refer to item 10 for lower-level components)	1
16	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Turntable rotate; includes boot and hardware (refer to item 10 for lower-level components)	1
17	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Jib boom up/down; includes boot and hardware (refer to item 10 for lower-level components)	1
18	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Emergency lowering; includes boot and hardware (refer to item 11 for lower-level components)	1
19	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform rotate; includes boot and hardware (refer to item 11 for lower-level components)	1
20	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform level; includes boot and hardware (refer to item 10 for lower-level components)	1
21A	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM (for Gas/LPG models only) (refer to item 10 for lower-level components)	1
21B	229567GT	PLUG, SANTOPRENE .5 BLACK DOME (for Diesel models only)	
22	87755GT	CONN,RECEP 8 WAY 14-18GA,FL	1
23	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	4
24	12344GT	NUT,NYLOCK,6-32	4
25	45385GT	PLUG,NYLON 1.12 BLACK DOMED	2
26	39540GT	ALARM, STEADY TONE***	1
27	66813GT	BUTTON,PUSH,BLACK W/SEAL ***	1
27-	66814GT	BASE,WITH 2 N.O. CONTACTS*** (includes 2 N.C. contacts)	
27-	66816GT	CONTACT,N.O.	
28	81900GT	PLUG,NYLON 2.093 BLACK DOMED	3
29	45384GT	PLUG,NYLON .50 BLACK DOMED	1
30A	218165GT	LIGHT,INDICATOR,RED 12V H-BRI (for Diesel models only), original component no longer available	1
30B	218167GT	LIGHT,INDICATOR,AMBER 12V ENGINE (for Gas/LPG models only)	1

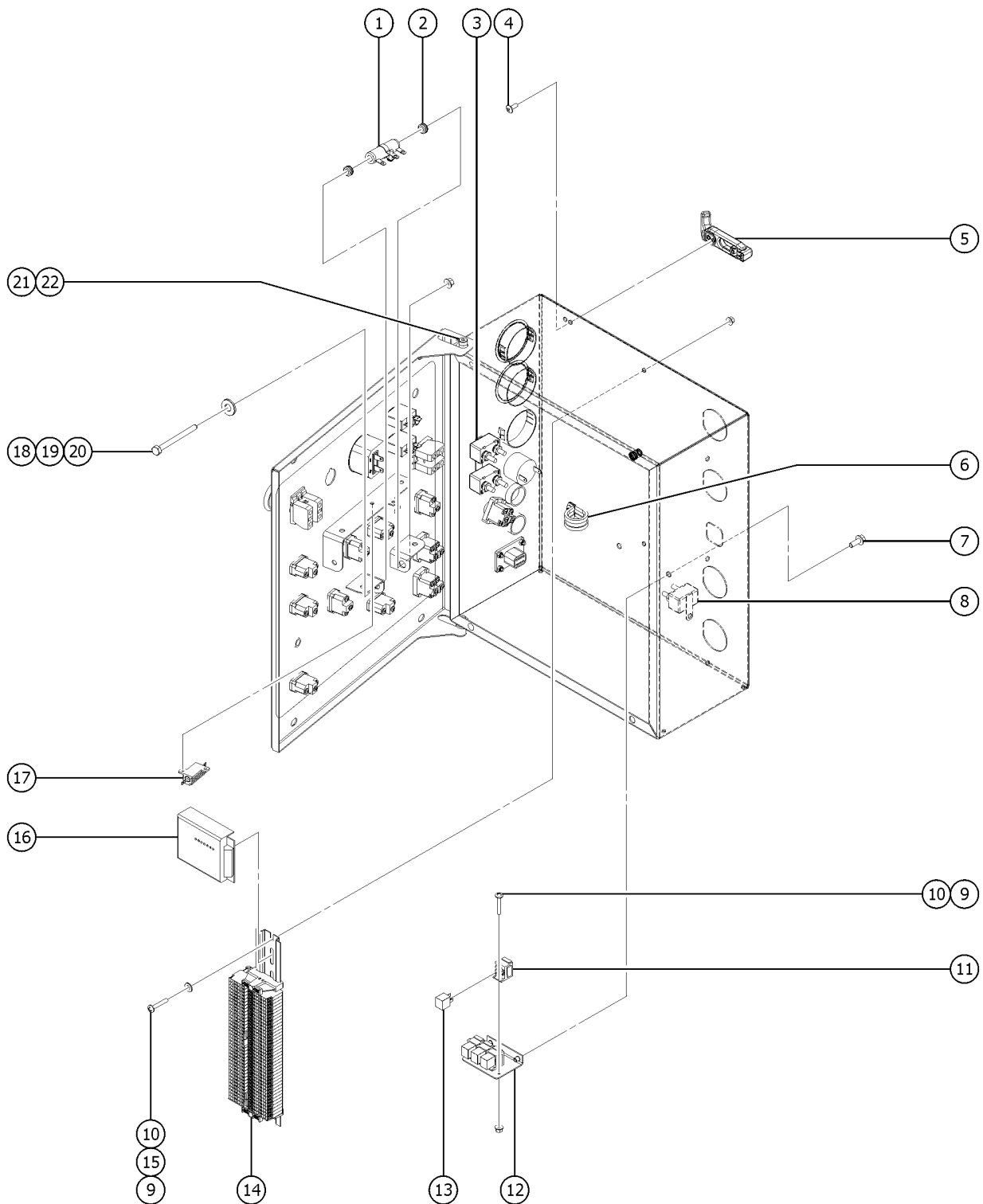
306.1 Ground Control Box, Models with Hour Meter, View 2



306.1 Ground Control Box, Models with Hour Meter, View 2

Item	Part No.	Description	Qty.
1	101010GT	RESISTOR,20 OHMS,25W,ADJ***	1
2	42646GT	GROMMET,RUBBER .25 X .50"OD	2
3	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL self resetting (RPM solenoid)	2
4	56055GT	SCREW,PHILLIPS TRUSSHEAD	
5	56053GT	LATCH,FLEXIBLE DRAW	1
6	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
7	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
8	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL self resetting (for oil cooler & light package options)	1
9	824214GT	SCREW,PHPM,6-32X.5,ZAG	
10	824032GT	NUT,TL FLG,10-32,F,ZAG	
11	34053GT	ASSY,RELAY SOCKET, AUTO	4
11-		RELAY SOCKET,AUTO*** component of 34053	
12	T106699GT	BRACKET,RELAY MOUNT W/INSERTS	1
13	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	4
13-		RELAY SOCKET,AUTO,RETAINER***	
13-	34053GT	ASSY,RELAY SOCKET, AUTO	
13-	34054GT	TERM,RELAY N-INSULATED 10-12 G	
13-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	
13-	58319GT	RELAY SOCKET,AUTO,RETAINER*** component of 34053	
14	217812GT	ASSY,TERMINAL RAIL, Z45IC	1
14-	216791GT	TERMINAL BLOCK,WIELAND	
14-	216793GT	TERMINAL BLOCK END PLATE	
14-	56994GT	DIN RAIL,11.25"	
14-	74913GT	END STOP, DIN RAIL,SCREW CLAMP	
14-	74917GT	JUMPER COMB, 2-WAY,WIELAND	
15	6146GT	WASHER,FLAT,MS,#10,Y	
16	56057GT	MODULE,IGNITION/START,12/24V	
17	89575GT	RESISTOR,7.5 OHM,25 WATT,1PCNT	1

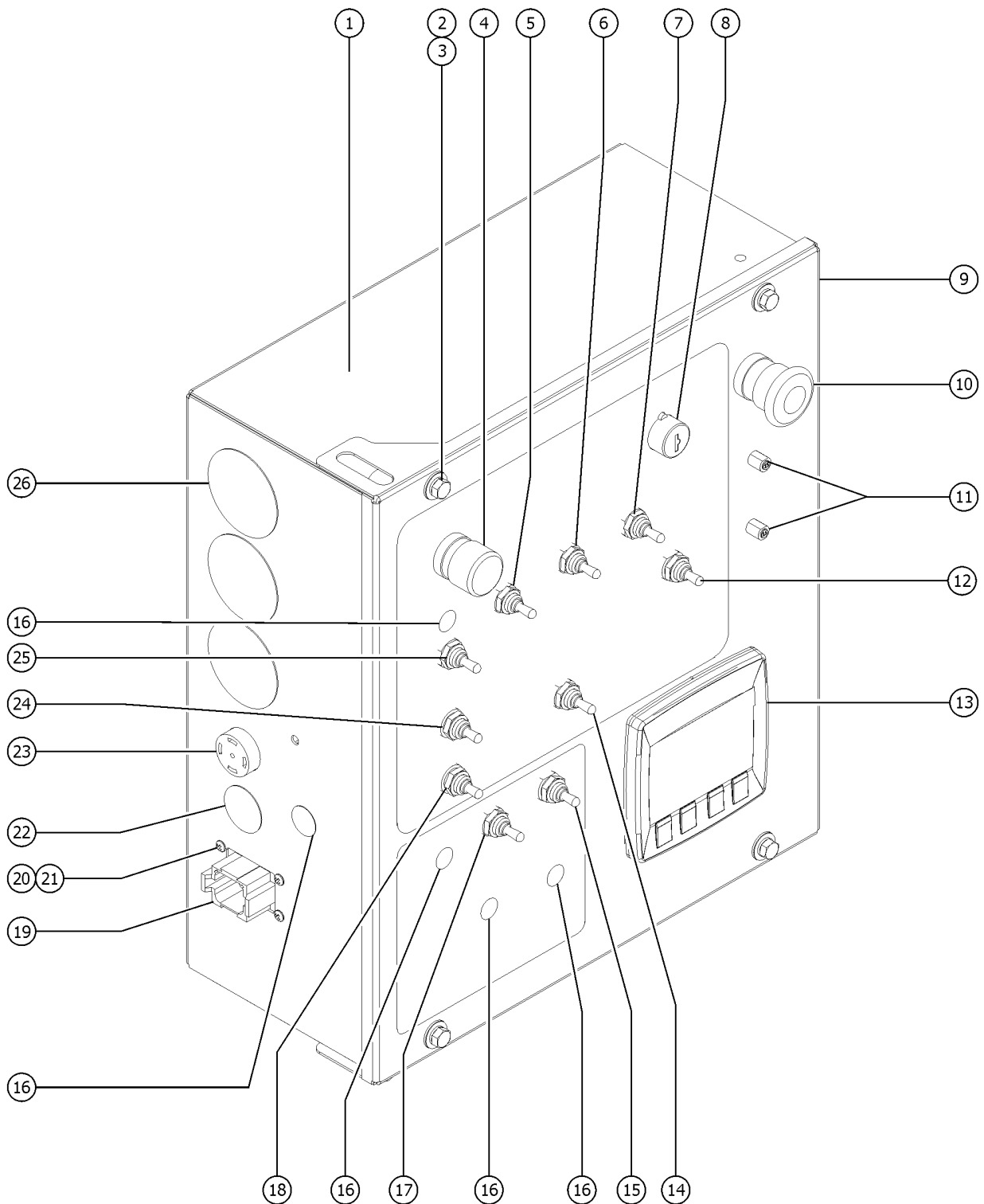
306.1 Ground Control Box, Models with Hour Meter, View 2



306.1 Ground Control Box, Models with Hour Meter, View 2

Item	Part No.	Description	Qty.
17-	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
18	1256171GT	SCREW,HHC,1/4-20X3,8,ZAG	1
19	825358GT	WASHER,FLAT,5/16,USS,ZAG	1
20	824027GT	NUT,TL FLG,1/4-20,G,ZAG	1
21	1263233GT	BOLT,SHS,5/16X.25X1/4-20,ZAG	2
22	218449GT	WASHER,SHOULDER,NYLON	2

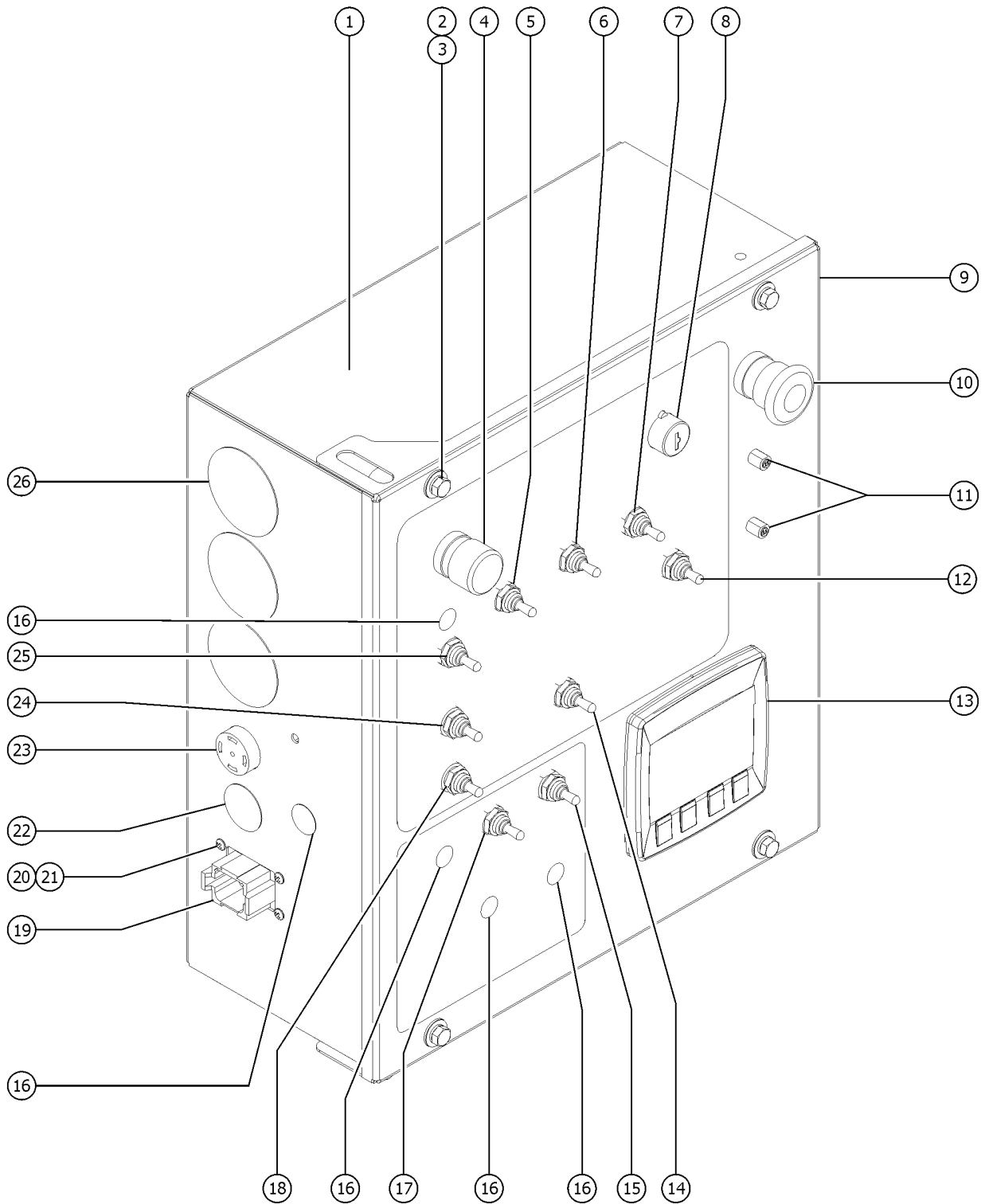
307.1 Ground Control Box, Models with LCD Readout Screen, View 1



307.1 Ground Control Box, Models with LCD Readout Screen, View 1

Item	Part No.	Description	Qty.
A	825522GT	ASSY, GBOX, Z-45 DEUTZ, T4 complete	1
B	825523GT	ASSY, GBOX, Z-45 PERKINS, T4 complete	1
1	218759GT	GROUND CONTROL BOX include item 3	1
2	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4
3	T107520GT	NUTSERT,LP KNURLED,1/4-20X.165	
4A	66813GT	BUTTON,PUSH,BLACK W/SEAL ***	1
4B	T107725GT	BASE, W/2 NO CONTACTS	1
5	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Jib boom up/down; includes boot and hardware	1
5-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
5-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom Ext/Ret; includes boot and hardware (refer to item 7 for lower-level components)	1
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom up/down; includes boot and hardware (refer to item 7 for lower-level components)	1
8A	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	1
8A-	83093GT	KEY SINGLE***	
8A-	94506GT	BASE,W/3 NC CONTACTS	
8B	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING	1
8B-	83093GT	KEY SINGLE***	
8B-	85239GT	NUT,RETAINER (96008)	
9	160511GT	WDMT - LID, GROUND BOX	1
10A	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
10B	73805GT	BASE,W/2 NC CONTACTS*** includes 2 N.C. contacts	
10B-	66818GT	CONTACT,NC	2
11	147090GT	CIRCUIT BREAKER, 15A	2
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Secondary boom up/down; includes boot and hardware (refer to item 7 for lower-level components)	1
13A	1251984GT	ASSY,DISPLAY,DP200 DEUTZ T4 models with Deutz D2.9L4 engine	1
13A-	1252684GT	SCREW,DP200 M3X10 4PACK	1

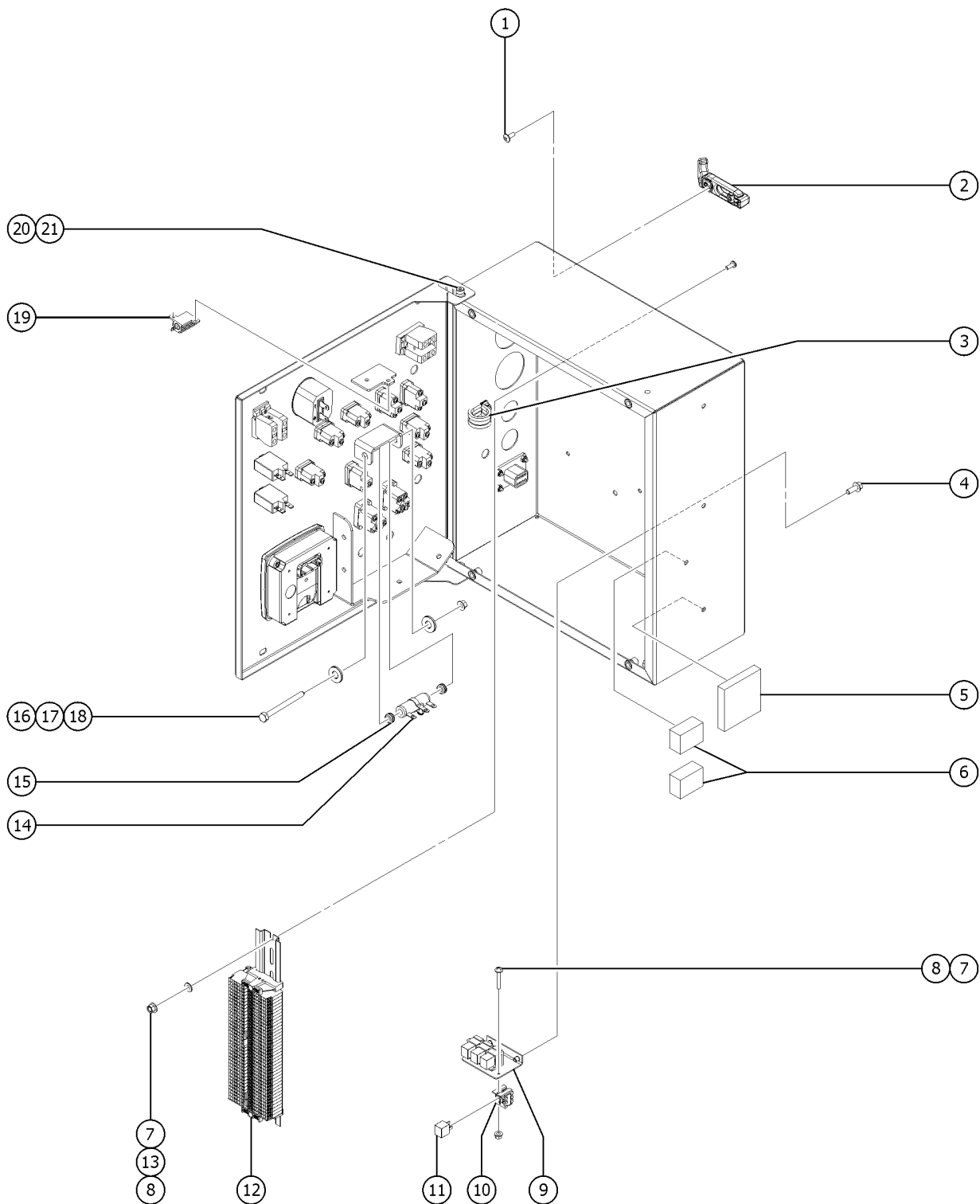
307.1 Ground Control Box, Models with LCD Readout Screen, View 1



307.1 Ground Control Box, Models with LCD Readout Screen, View 1

Item	Part No.	Description	Qty.
13A-	1252685GT	GASKET,DP200 BLACK PANEL SEAL	1
13A-	219718GT	BRACKET,DP200 PANEL MOUNT	1
13B	1251985GT	ASSY,DISPLAY,DP200 PERKINS T4 models with Perkins 404F engine	1
13B-	1252684GT	SCREW,DP200 M3X10 4PACK	1
13B-	1252685GT	GASKET,DP200 BLACK PANEL SEAL	1
13B-	219718GT	BRACKET,DP200 PANEL MOUNT	1
14	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Turntable rotate; includes boot and hardware (refer to item 7 for lower-level components) ..	1
15	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine start switch; includes boot and hardware (refer to item 7 for lower-level components)	1
16	229567GT	PLUG, SANTOPRENE .5 BLACK DOME	5
17	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Engine idle (rpm) select switch; includes boot and hardware (refer to item 7 for lower-level components)	1
18	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Emergency lowering; includes boot and hardware (refer to item 10 for lower-level components)	1
19	87755GT	CONN,RECEP 8 WAY 14-18GA,FL	1
20	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	4
21	12344GT	NUT,NYLOCK,6-32	4
22	45385GT	PLUG,NYLON 1.12 BLACK DOMED	2
23	18963GT	ALARM.INTERMITTENT TONE.24V replaced 39540	1
24	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform rotate; includes boot and hardware (refer to item 7 for lower-level components) ...	1
25	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform level; includes boot and hardware (refer to item 7 for lower-level components)	1
26	81900GT	PLUG,NYLON 2.093 BLACK DOMED	3

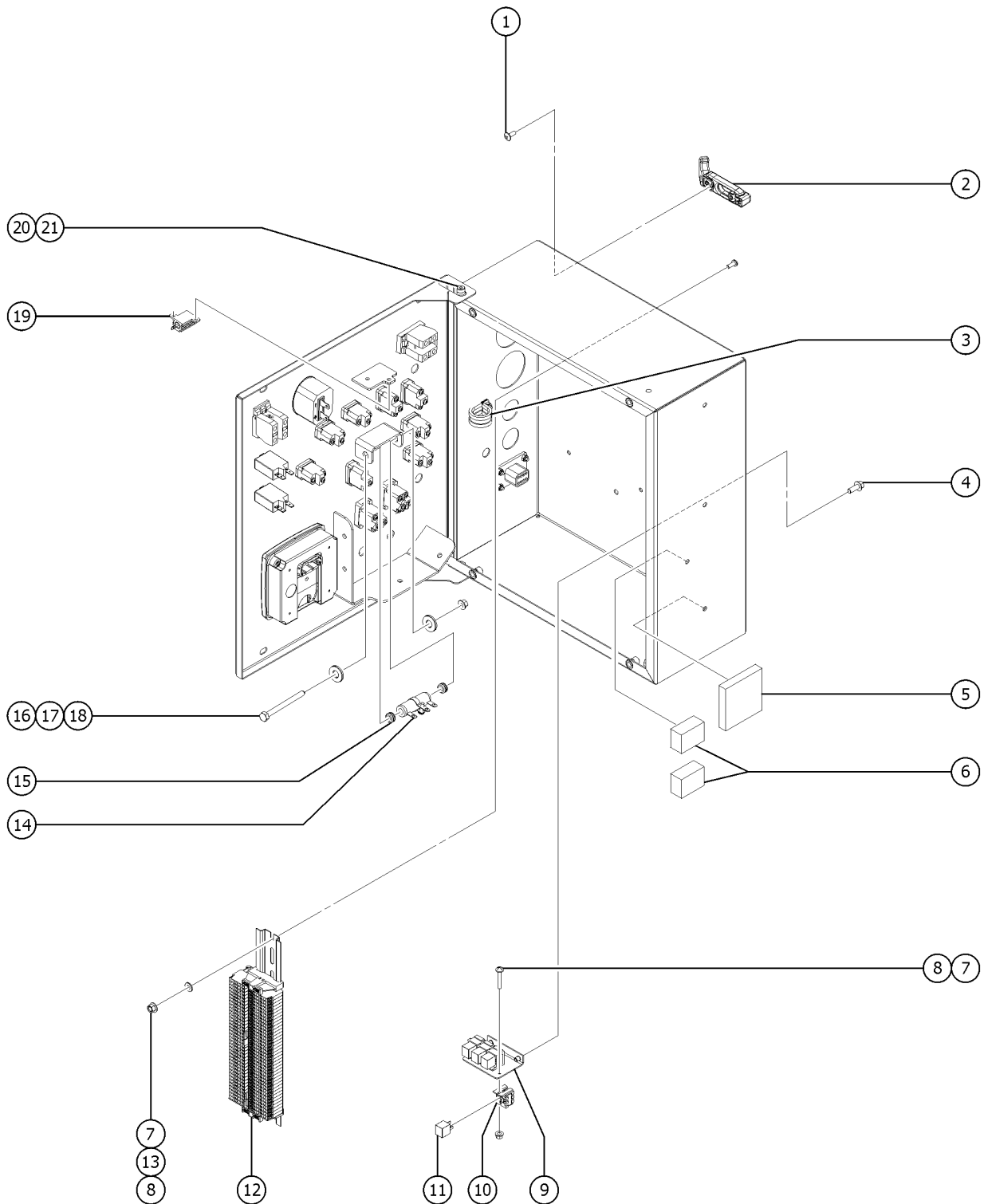
308.1 Ground Control Box, Models with LCD Readout Screen, View 2



308.1 Ground Control Box, Models with LCD Readout Screen, View 2

Item	Part No.	Description	Qty.
A	218090GT	GASKET,GROUND CONTROL BOX	
1	56055GT	SCREW,PHILLIPS TRUSSHEAD	
2	56053GT	LATCH,FLEXIBLE DRAW	1
3	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
4	824059GT	SCREW,HHC,1/4-20X.75,8,ZAG	
5	121846GT	RELAY,TIME DELAY,2 SEC,10A (Option) mounting hardware not included	2
5-	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25 not shown	
5-	6178GT	NUT, NYLOCK, 10-32 not shown	
6	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL mounting hardware not included	
6-	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL not shown	
6-	6178GT	NUT, NYLOCK, 10-32 not shown	
7	824214GT	SCREW,PHPM,6-32X.5,ZAG	
8	824032GT	NUT,TL FLG,10-32,F,ZAG	
9	T106699GT	BRACKET,RELAY MOUNT W/INSERTS	1
10	34053GT	ASSY,RELAY SOCKET, AUTO	4
10-		RELAY SOCKET,AUTO,RETAINER*** component of 34053	4
11	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** quantity may vary	
11-	34053GT	ASSY,RELAY SOCKET, AUTO	
11-	34054GT	TERM,RELAY N-INSULATED 10-12 G	
11-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	
11-	58319GT	RELAY SOCKET,AUTO,RETAINER*** component of 34053	
12	822708GT	ASSY, TERMINAL RAIL, TIER IV	1
12-	216791GT	TERMINAL BLOCK,WIELAND	
12-	216793GT	TERMINAL BLOCK END PLATE	
12-	56994GT	DIN RAIL,11.25"	
12-	74913GT	END STOP, DIN RAIL,SCREW CLAMP	
12-	74917GT	JUMPER COMB, 2-WAY,WIELAND	
13	6146GT	WASHER,FLAT,MS,#10,Y	

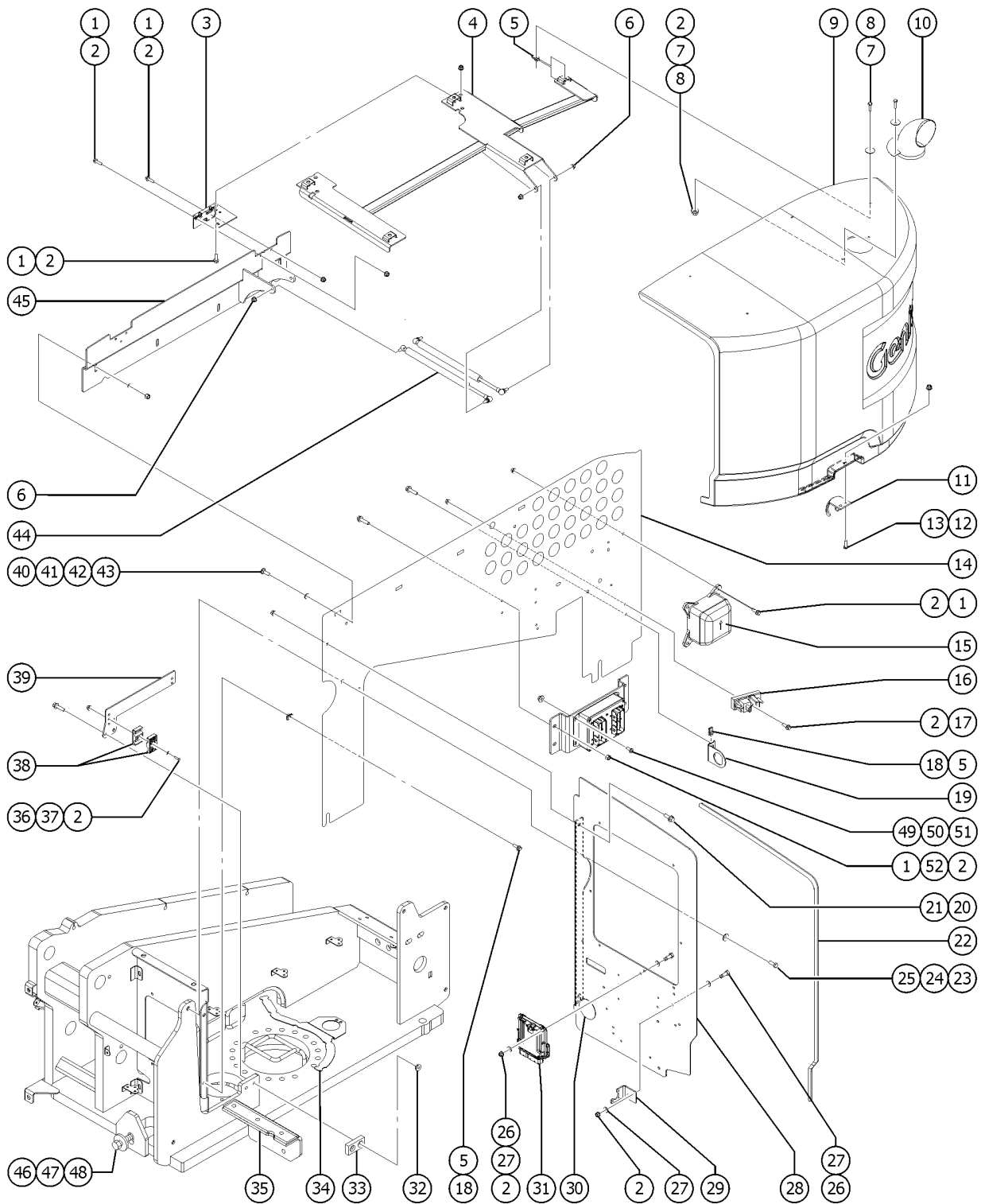
308.1 Ground Control Box, Models with LCD Readout Screen, View 2



308.1 Ground Control Box, Models with LCD Readout Screen, View 2

Item	Part No.	Description	Qty.
14	101010GT	RESISTOR,20 OHMS,25W,ADJ***	1
15	42646GT	GROMMET,RUBBER .25 X .50"OD	2
16	1256171GT	SCREW,HHC,1/4-20X3,8,ZAG	1
17	825358GT	WASHER,FLAT,5/16,USS,ZAG	1
18	824027GT	NUT,TL FLG,1/4-20,G,ZAG	1
19	89575GT	RESISTOR,7.5 OHM,25 WATT,1PCNT	1
19-	6272GT	RIVET,STL,STL,P, .125 X .25	
20	88315GT	SCREW,SHS,1/4-20 X .25 ZINC	
21	218449GT	WASHER,SHOULDER,NYLON	

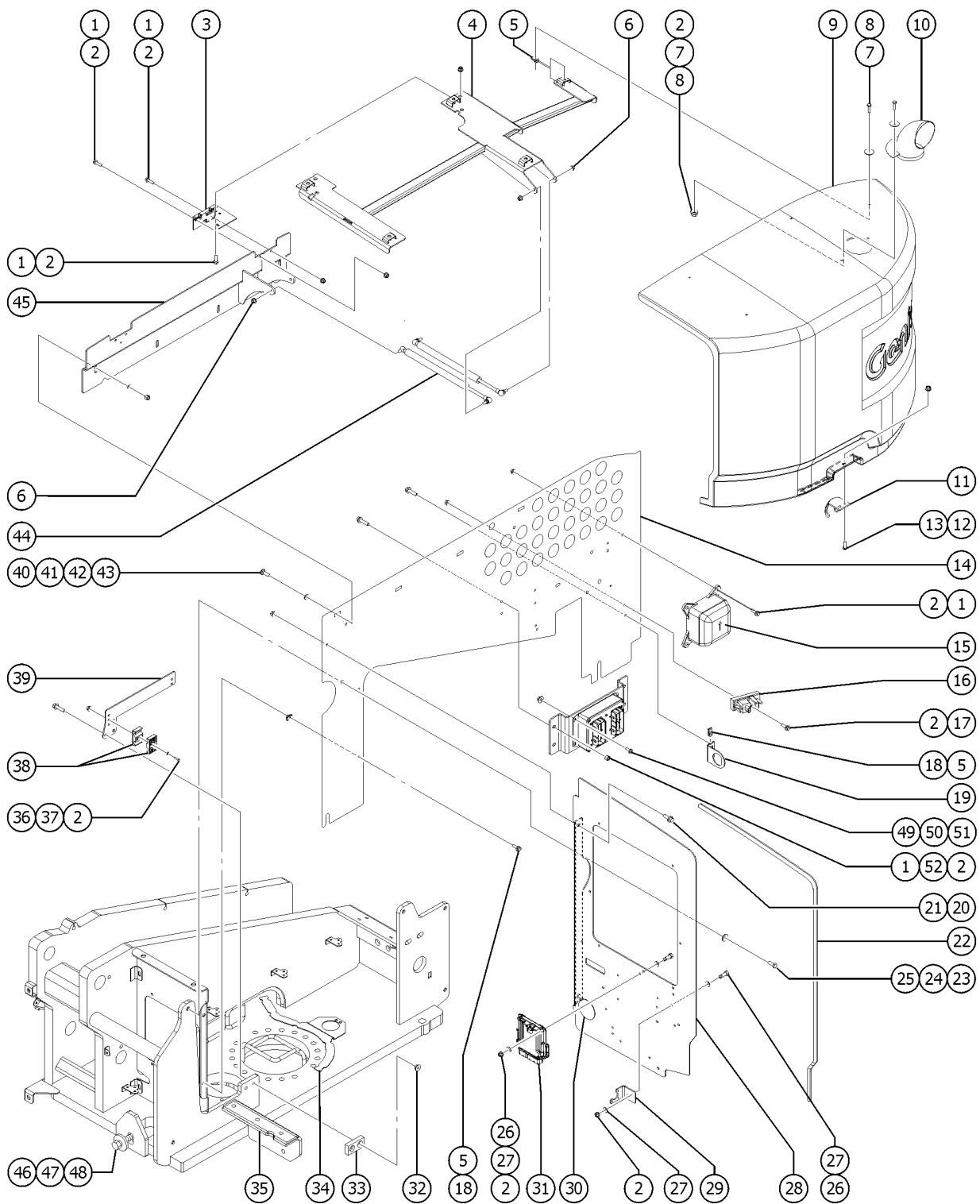
309.1 Turntable Cover, Engine Side



309.1 Turntable Cover, Engine Side

Item	Part No.	Description	Qty.
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	14
2	824027GT	NUT,TL FLG,1/4-20,G,ZAG	17
3	75073GT	HINGE,,375X.120THK.,SLOTTED	2
4	231601GT	WELD, COVER SUPPORT LH	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	9
6	824028GT	NUT,TL FLG,5/16-18,G,ZAG	4
7	824119GT	WASHER,FLAT,.25X1.25X.062,ZAG	8
8	824060GT	SCREW,HHC,1/4-20X1,8,ZAG	8
9	139955GT	COVER,ENGINE SIDE	1
10	101964GT	WELDMENT,EXHAUST TUBE	1
11	75076GT	KEEPER,LATCH (45363)	1
12	824215GT	SCREW,PHPM,10-32X.75,ZAG	2
13	1264261GT	NUT,SERRATED,10-32,ZAG	2
14	1272680GT	BULKHEAD,ENGINE SIDE	1
15A	822781GT	MODULE,FUSE&RELAY,DEUTZ 2.9	1
		models with Deutz 2.9L4 engine	
15A-	1251499GT	FUSE, ATM, 15AMP	
15A-	1251500GT	FUSE, ATM, 20AMP	
15A-	1251501GT	FUSE, ATM, 30AMP	
15A-	1251502GT	FUSE, ATM, 10AMP	
15A-	1251503GT	RELAY, 12V MICRO, 35AMP	
15A-	1251504GT	DIODE, 6A 22903-6V	
15A-	1251505GT	TOOL, FUSE PULLER, ATM	
15A-	1251510GT	CIRCUIT BREAKER,20AMP MINI	
15B	822793GT	MODULE,FUSE&RELAY,PERKINS 404F	1
		models with Perkins 404F-22 engine	
15B-	1251499GT	FUSE, ATM, 15AMP	
15B-	1251500GT	FUSE, ATM, 20AMP	
15B-	1251502GT	FUSE, ATM, 10AMP	
15B-	1251503GT	RELAY, 12V MICRO, 35AMP	

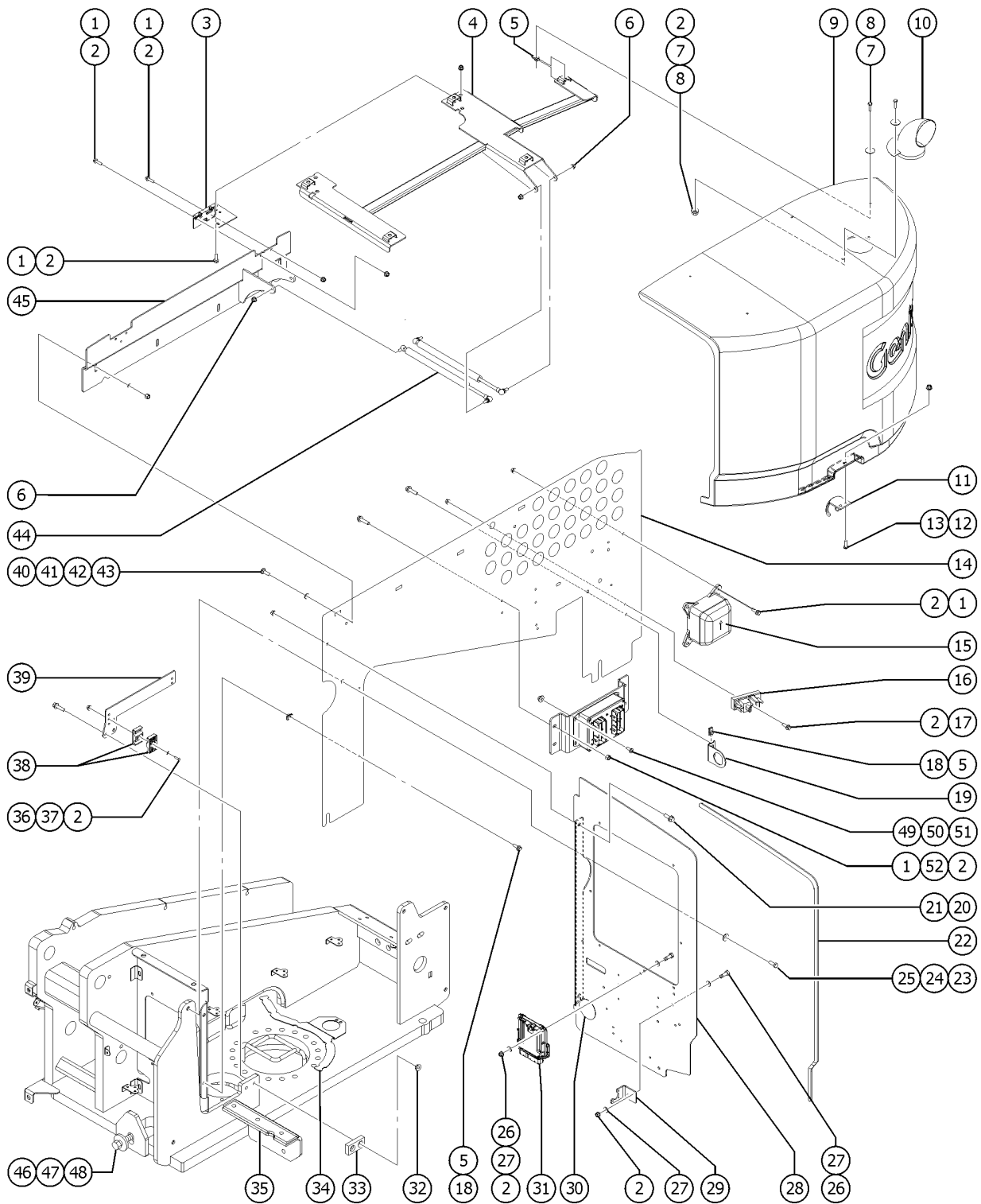
309.1 Turntable Cover, Engine Side



309.1 Turntable Cover, Engine Side

Item	Part No.	Description	Qty.
15B-	1251504GT	DIODE, 6A 22903-6V	
15B-	1251505GT	TOOL, FUSE PULLER, ATM	
15B-	1251506GT	FUSE, ATM, 5AMP	
15B-	1251507GT	FUSE, ATM, 7.5AMP	
16	824023GT	RELAY, POWER & FUSE MODULE	1
16-	1251508GT	FUSE, FMX, 60AMP	
16-	1251509GT	COVER,PRM FUSE SERVICE PART	
17	1268947GT	SCREW,HHC,1/4-20X2,8,ZAG	
18	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	4
19	216344GT	BRACKET,SWING ENGINE CONNECTOR	1
20	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	1
21	824029GT	NUT,TL FLG,3/8-16,G,ZAG	
22	139261-5900GT	TRIM EDGE,3/16X3/4 BULB	
		sold by the inches	
23	1256118GT	SCREW,HHC,3/8-16X1.5,8,ZAG	5
24	824110GT	WASHER,LOCK,3/8,ZAG	5
25	1255758GT	WASHER,FLAT,3/8,USS,ZAG	5
26	824061GT	SCREW,HHC,1/4-20X1.25,8,ZAG	
27	824113GT	WASHER,FLAT,1/4,USS,ZAG	
28	1272691GT	BULKHEAD, COOLING AIR	1
29	823817GT	FORMING,DIAGNOSTIC PORT,Z45	1
30	123572GT	HOLE PLUG, 3 IN	1
31		Ref. ECU models with Deutz D2.9 or Perkins 404F-22 engines (This part is serialized, contact Genie Parts Sales with full model and SN of both the unit and engine)	
32	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	
33	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	1
34	217430GT	FORMING, AUXILARY CABLE MT.	1
35	50519GT	LOAD PAD,ENGINE TRAY SUPPORT	1
36	824063GT	SCREW, HHC, 1/4-20 X 1.75, 8, ZAG	3
37	824113GT	WASHER,FLAT,1/4,USS,ZAG	3

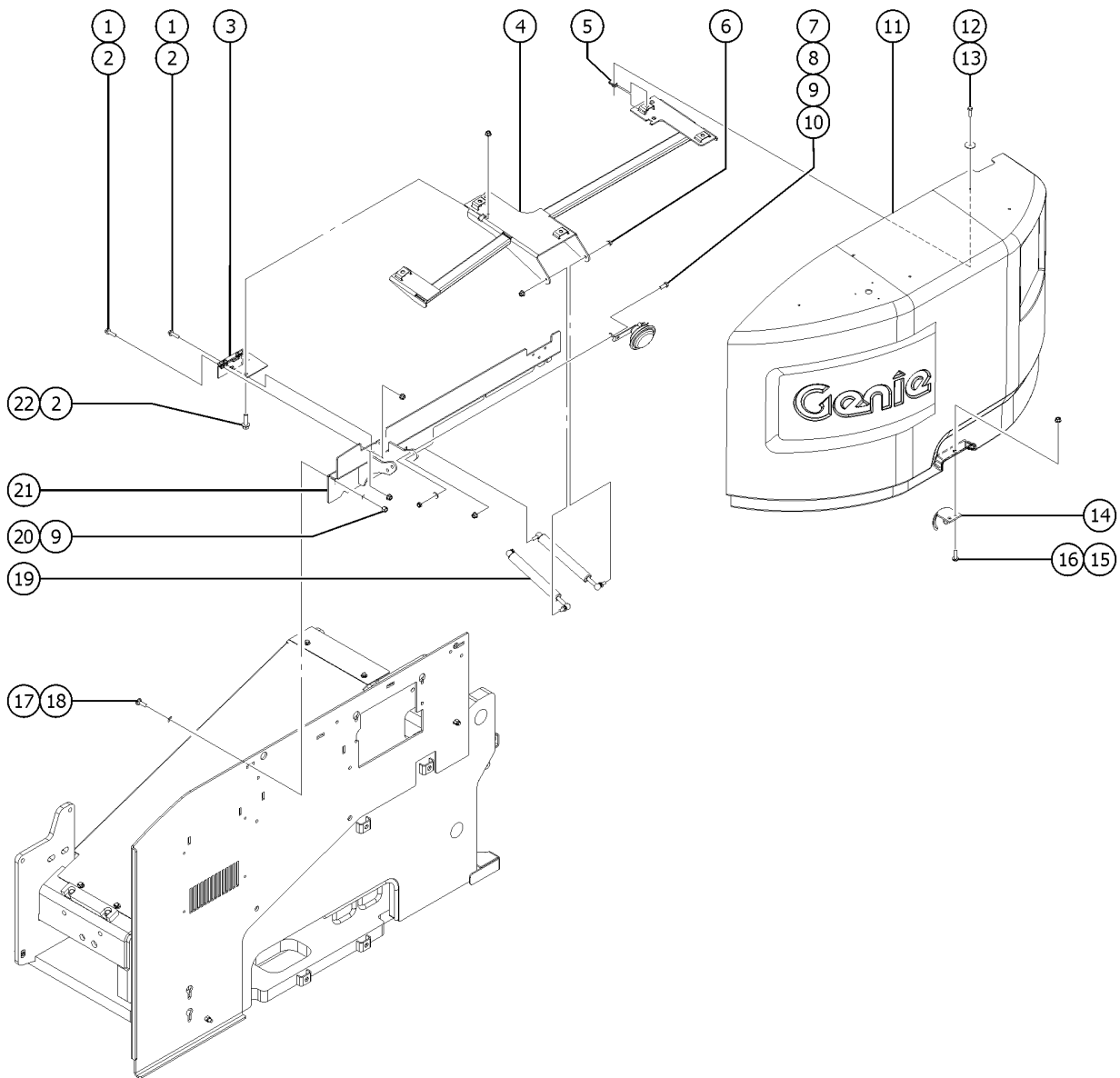
309.1 Turntable Cover, Engine Side



309.1 Turntable Cover, Engine Side

Item	Part No.	Description	Qty.
38	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	6
39	217518GT	BRACKET,BATTERY CABLE	1
40	1255757GT	BOLT,CARRIAGE,3/8-16X1.25,5,ZA	4
41	87684GT	PUSH RETAINER, 3/8" SCREW	4
42	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG	4
43	824025GT	NUT,TL,3/8-16,C,ZAG	4
44	106069GT	STRUT,GAS,200 LB***	2
44-	33555GT	BALL STUD**	
45	1272726GT	HINGE, BULKHEAD MOUNT, ES	1
46	237731GT	SCREW,HHC,1-8X5,5,ZAG	1
47	1256469GT	WASHER,FLAT,1.0,USS,ZAG	1
48	824031GT	NUT,TL FLG,1-8,G,ZAG	1
49	824019GT	NUT,TL,6-32,A,ZAG	4
50	1271124GT	CONNECT BOX, PERK T4 EXT HARN	1
51	824214GT	SCREW,PHPM,6-32X.5,ZAG	4
52	1271458GT	MOUNT,JUMP HARN,Z45 PERK T4	1

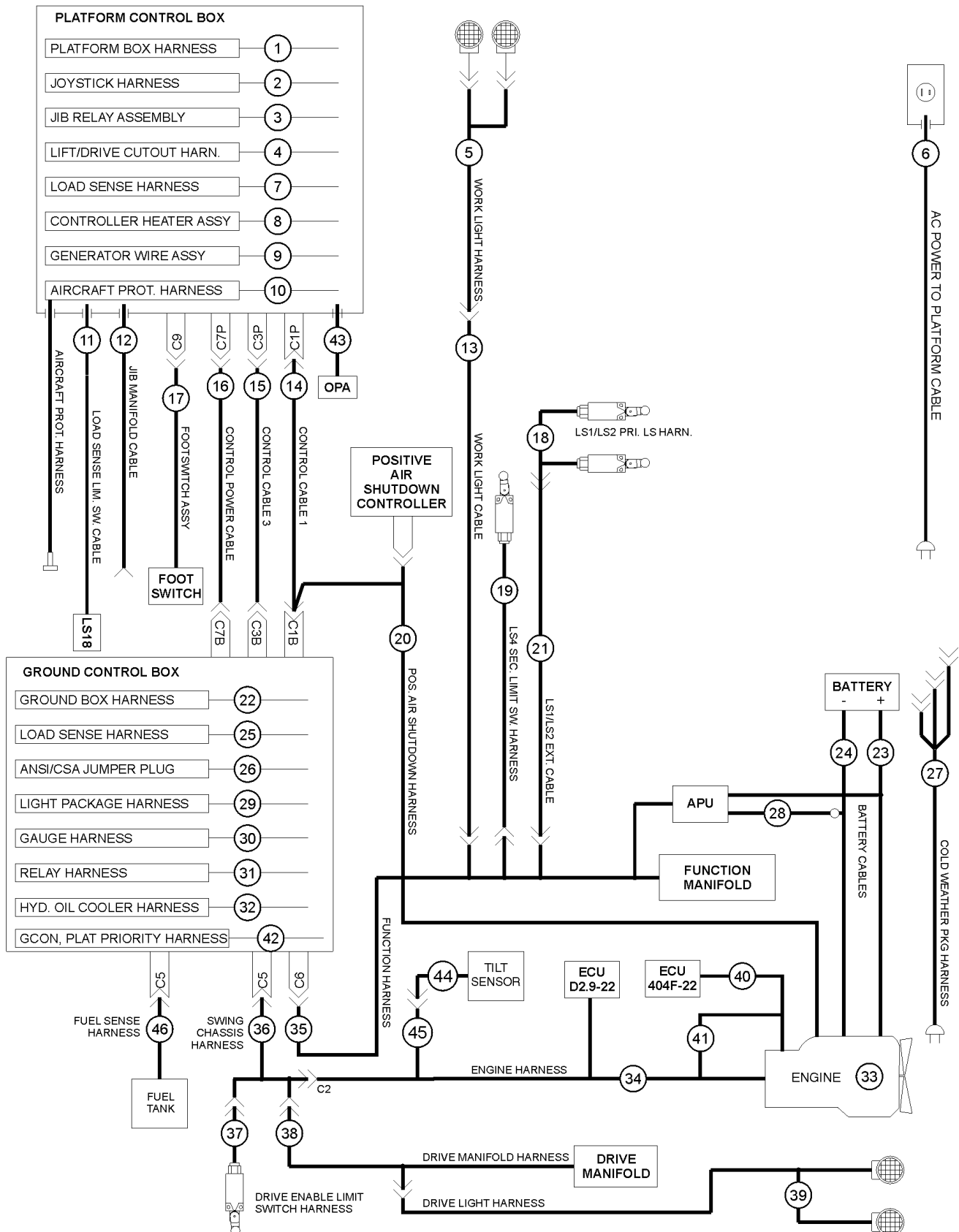
310.1 Turntable Cover, Tank Side



310.1 Turntable Cover, Tank Side

Item	Part No.	Description	Qty.
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	6
2	824027GT	NUT,TL FLG,1/4-20,G,ZAG	10
3	75073GT	HINGE,,375X.120THK.,SLOTTED	2
4	231597GT	WLDMT, COVER SUPPORT RH	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	5
6	824028GT	NUT,TL FLG,5/16-18,G,ZAG	4
7	824067GT	SCREW,HHC,3/8-16X1,8,ZAG	1
8	81578GT	HORN,12VDC,SPADE TERMINALS***	1
9	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG	1
10	824025GT	NUT,TL,3/8-16,C,ZAG	1
11	139957GT	COVER, TANK SIDE	1
12	824060GT	SCREW,HHC,1/4-20X1,8,ZAG	5
13	824119GT	WASHER,FLAT,.25X1.25X.062,ZAG	5
14	75076GT	KEEPER,LATCH (45363)	1
15	824215GT	SCREW,PHPM,10-32X.75,ZAG	2
16	1264261GT	NUT,SERRATED,10-32,ZAG	2
17	1255757GT	BOLT,CARRIAGE,3/8-16X1.25,5,ZA	4
18	87684GT	PUSH RETAINER, 3/8" SCREW	4
19	139241GT	STRUT,GAS,14",200LBS.	2
19-	33555GT	BALL STUD**	
20	824025GT	NUT,TL,3/8-16,C,ZAG	
21	219079GT	WLDMT, BULKHEAD HINGE MNT, TS	1
22	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4

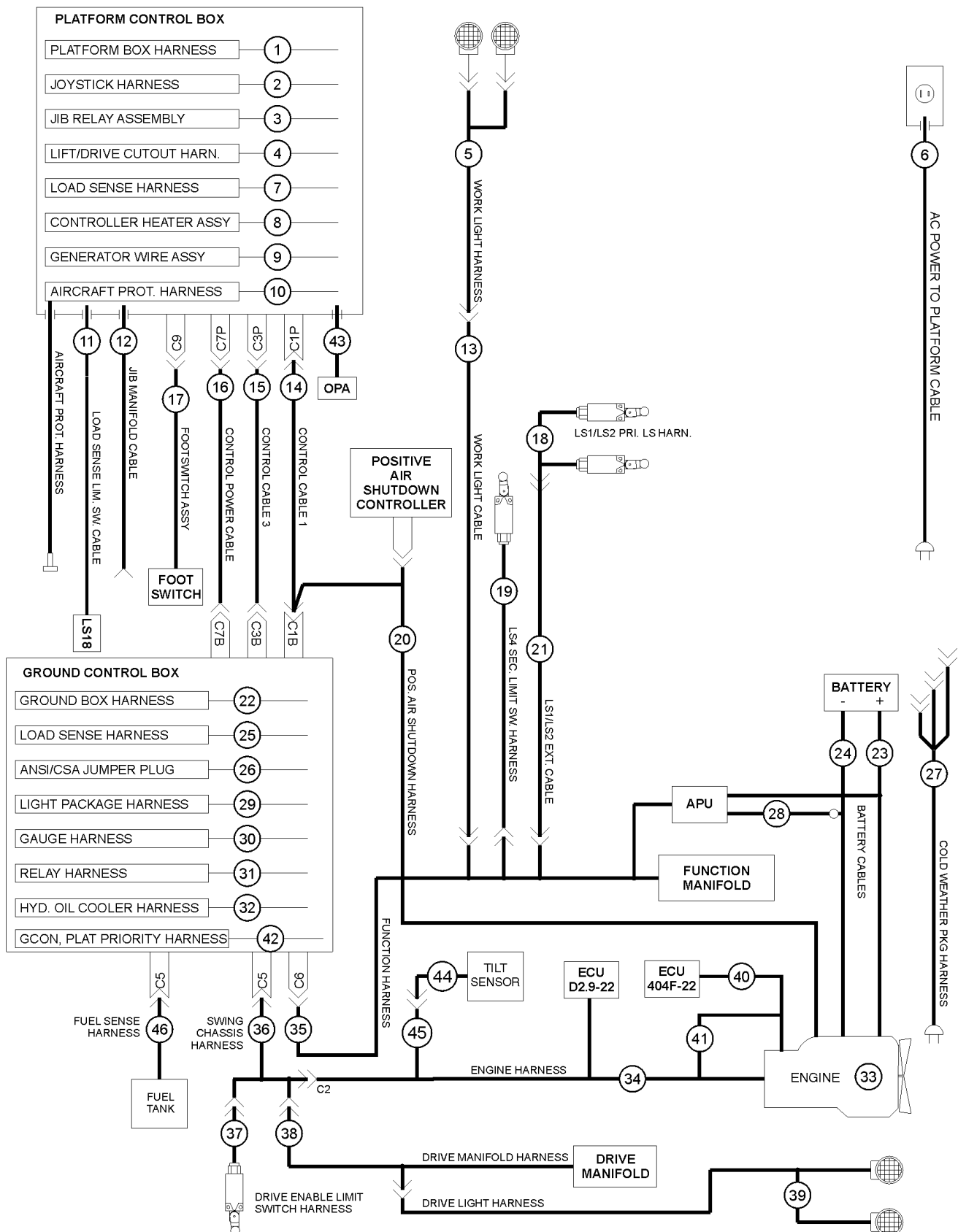
311.1 Wire Harness Diagram, Z-45/25



311.1 Wire Harness Diagram, Z-45/25

Item	Part No.	Description	Qty.
1	1262313GT	HARNESS, PBOX	1
2	218781GT	HARNESS,JOYSTICK	1
3	1262643GT	HARNESS, JIB OPTION	1
4	1262315GT	HARNESS, PBOX, LIFT/DRIVE	1
5	T114627GT	HARNESS,12V WORK LIGHTS	1
6A	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL	756
		Z-45/25	"
7	1261296GT	HARNESS ASSY,PCON,LOAD SENSE	
7-	121843GT	RESISTOR,4.7K OHM,25 WATT	
8		ASSY,ALC500 HEATER,Z45/Z51 (219683)	1
		component no longer available	
10	1262314GT	HARNESS, PBOX, PROX KILL	1
10-	27391GT	PROXIMITY SENSOR***	1
11A	147786GT	ASSY, LS, LOAD SENSE, 89 IN	1
		Z45/25, CE and Australia	
12	101080GT	HARNESS,JIB SELECT MANIFOLD	1
13	160554GT	HARN,CABLE,WORK LIGHTS,Z45	1
		Z-45/25 and Z-45/25J	
14A	217899GT	HARN,CONTROL CABLE1,Z45	1
		Z45/25	
15A	217900GT	HARN,CONTROL CABLE3,Z45	1
		Z45/25	
16A	217901GT	HARN 12/3 CABLE2,Z45	1
		Z45/25	
17	227617GT	ASSEMBLY,FOOT SWITCH	1
18	88725GT	HARNESS,LS,PRIM/EXT	1
19	218684GT	HARNESS,LS SEC. UP/DOWN	1
20	219681GT	HARN,POS. AIR SHUTDOWN,Z45IC	1
		(option)	
21	218685GT	HARNESS,LS EXTEND PIGTAIL	1
22A	1262312GT	HARNESS, GBOX	1
22A-	36899GT	SPLICE,PARALLEL,RED,INSULATED	
22A-	45782GT	DIODE,6 AMP,200 PIV,BULK	
22B	1255663GT	HARNESS,GBOX,T4,Z45IC	1
		for models with Deutz D2.9 & Perkins 404F-22 engines	
22B-	36899GT	SPLICE,PARALLEL,RED,INSULATED	
9	219672GT	HARNESS,GENERATOR,PBOX,Z45/51	

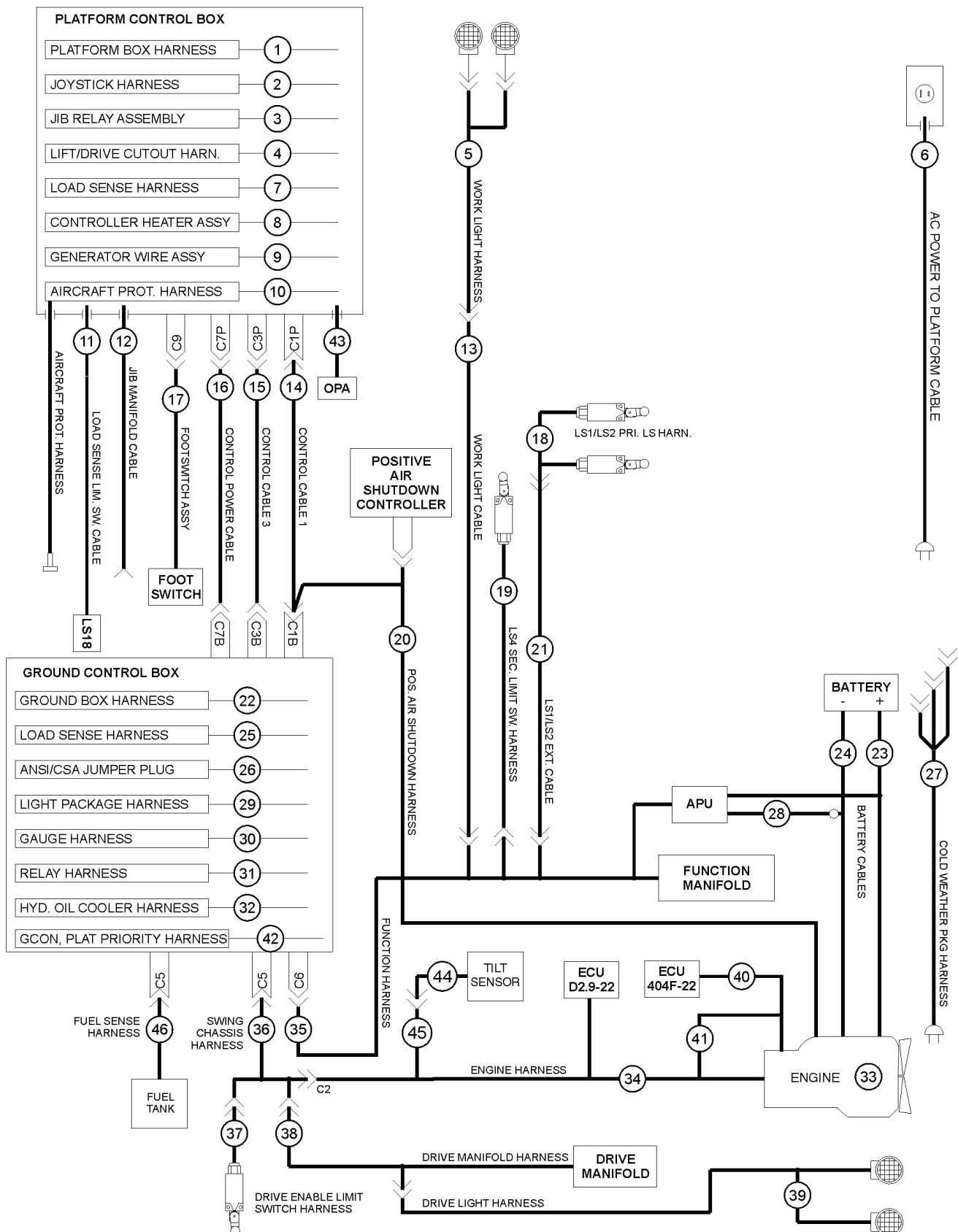
311.1 Wire Harness Diagram, Z-45/25



311.1 Wire Harness Diagram, Z-45/25

Item	Part No.	Description	Qty.
22B-	45782GT	DIODE,6 AMP,200 PIV,BULK	
23	218454GT	BATTERY CABLE,POSITIVE,RED	1
24	218455GT	BATTERY CABLE,NEGATIVE,BLACK	1
25	219305GT	HARNESS,JUMPER,LOAD SENSE,GBOX	1
26	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	1
27A	161078GT	ASSY,240V COLD WEATHER PKG. (option)	1
27B	161079GT	ASSY,120V COLD WEATHER PKG. (option)	1
28	218506GT	BATTERY CABLE,NEGATIVE,APU	1
29	219685GT	HARNESS,RELAY,LIGHT PKG,Z45/51	1
30	219673GT	HARNESS,GAUGE	1
31A	1255780GT	HARNESS,RELAY,GBOX,Z45IC for models with Deutz D2011L03 & Perkins 404D-22 engines	1
31B	1255781GT	HARNESS,RELAY,GBOX,Z45 GAS/LP for models with Ford MSG-425	1
31C	1255779GT	HARNESS ASSY,RELAY 404F,Z45 for models with Perkins 404F-22 engines	1
31D	1255778GT	HARNESS ASSY,RELAY D.29,Z45 for models with Deutz D2.9L4 engines	1
32	220234GT	HARNESS,RELAY,OIL COOLER (option)	1
33A	1283971GT	HARNESS, Z45 DEUTZ D2.9 for models with Deutz D2.9L4	1
33B	160681GT	HARN,2ND GLOW PLUG,DTZ for models with Deutz D2011L03	1
33C	1281785GT	HARN,DTZ COOLANT SENSOR EXT. for models with Deutz D2.9 engine (from SN 58483)	
34A	217903GT	HARN FORD ENGINE Z45-2012	1
34B	217902GT	HARN PERKINS ENGINE Z45-2012 for models with Perkins 404D-22 engines	1
34C	822047GT	HARNESS, Z45 PERKINS 404F for models with Perkins 404F-22 engines	1
34D	216339GT	HARN DEUTZ ENGINE Z45-2012 for models with Deutz D2011L03	1
34E	822049GT	HARNESS, Z45 DEUTZ D2.9 for models with Deutz D2.9 engines (to SN 57697)	1
34F	1270909GT	HARNESS, Z45 DEUTZ D2.9 for models with Deutz D2.9 engines (from SN 57698)	1
35	217957GT	HARN, FUNCTION MANIFOLD,Z45IC	1
36	217782GT	HARN,SWING CHASSIS,Z45IC/Z51	1
37	110160GT	HARNESS,LS,D.E. Z45	1
38	217904GT	HARN BRAKE-MS ADAPTER CABLE	1

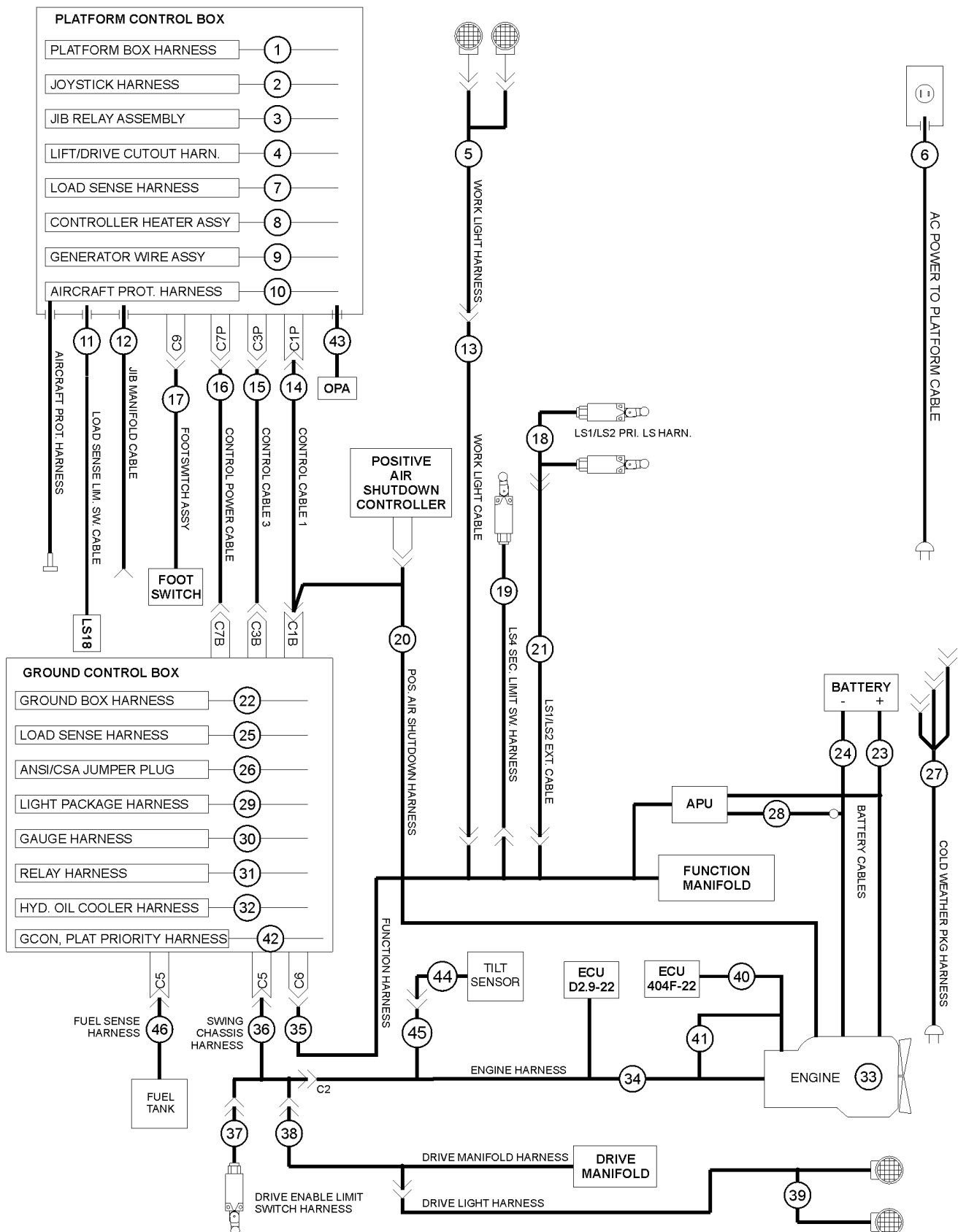
311.1 Wire Harness Diagram, Z-45/25



311.1 Wire Harness Diagram, Z-45/25

Item	Part No.	Description	Qty.
39	219684GT	HARN,DRIVE LIGHTS,Z45/Z51	1
40	1271124GT	CONNECT BOX, PERK T4 EXT HARN Perkins	1
41	822513GT	HARN,PERKINS 404F,6WAY EXT	1
42	1261298GT	HARNESS ASSY,GCON,PLAT PRTY	1
43A	1255555GT	HARN,PBOX,OPA,HW,12V	1
		option	
43B	1255030GT	PLUG,BLANKING	1
44A	94077GT	SENSOR,LEVEL,4.5 DEG	1
44B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5	1
45A	1261844GT	HARNESS, TILT, 12V, CSA PROD	1
45B	1285811GT	KIT,TILT ALARM,IC MODELS	
45B-	1285689GT	INSTRUCTIONS,INSTALL (LEVEL SENSOR ALARM) for kit 1285811	
46	1272909GT	HARNESS, FUEL SENSE, Z45IC FAMILY	1

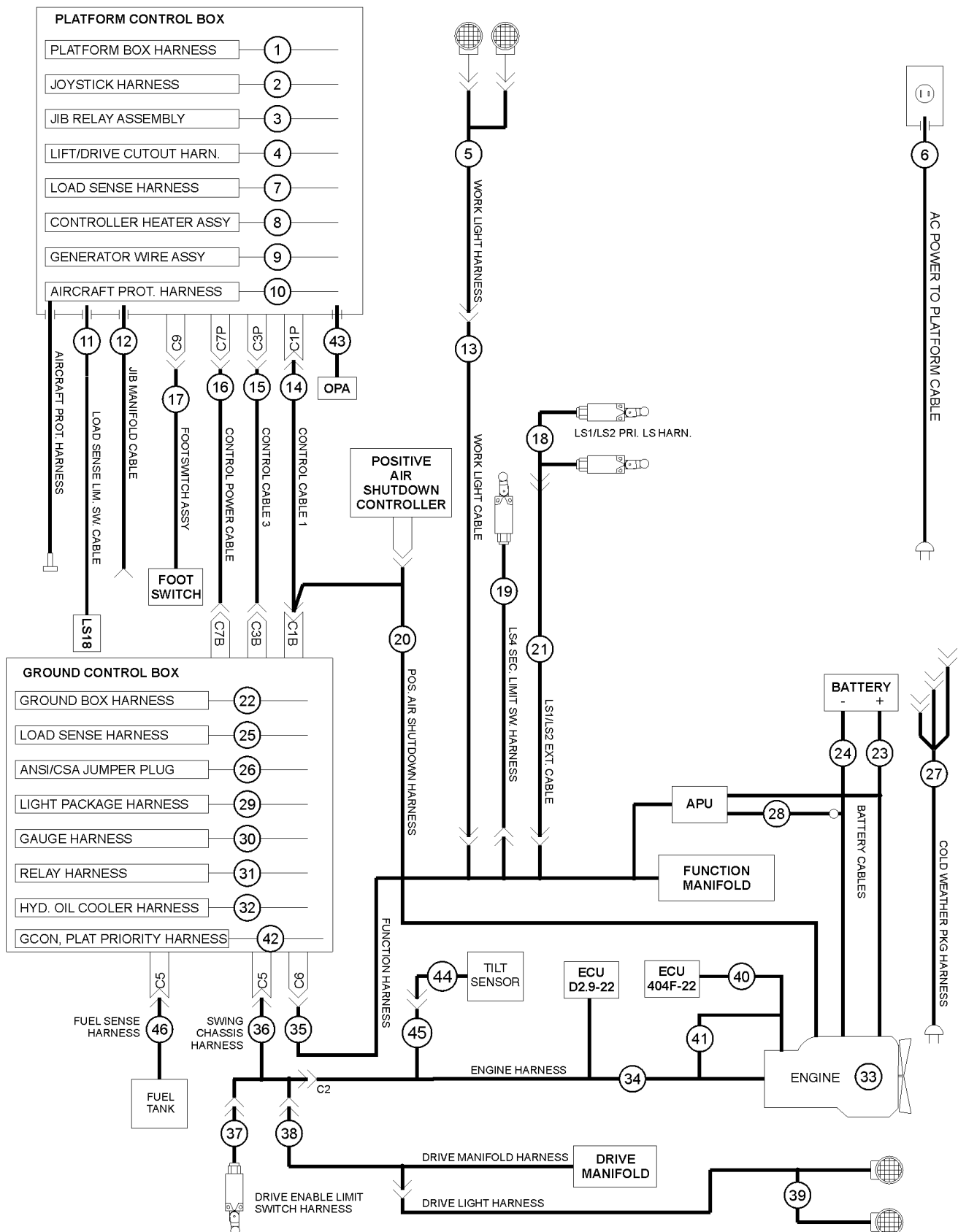
311.2 Wire Harness Diagram, Z-45/25J



311.2 Wire Harness Diagram, Z-45/25J

Item	Part No.	Description	Qty.
1	1262313GT	HARNESS, PBOX	1
2	218781GT	HARNESS,JOYSTICK	1
3	1262643GT	HARNESS, JIB OPTION	1
4	1262315GT	HARNESS, PBOX, LIFT/DRIVE	1
5	T114627GT	HARNESS,12V WORK LIGHTS	1
6B	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL Z-45/25J	797 "
7	1261296GT	HARNESS ASSY,PCON,LOAD SENSE	
8		ASSY,ALC500 HEATER,Z45/Z51 (219683) component no longer available	1
9	219672GT	HARNESS,GENERATOR,PBOX,Z45/51	
10	1262314GT	HARNESS, PBOX, PROX KILL	1
10-	27391GT	PROXIMITY SENSOR***	1
11B	121848GT	ASSY,LS,LOAD SENSE,38.5 IN Z45/25J, CE and Australia	1
12	101080GT	HARNESS,JIB SELECT MANIFOLD	1
13	160554GT	HARN,CABLE,WORK LIGHTS,Z45 Z-45/25 and Z-45/25J	1
14B	217896GT	HARNESS,CONTROL CABLE 1,JIB Z45/25J	1
15B	217897GT	HARNESS,CONTROL CABLE 3,JIB Z45/25J	1
16B	217898GT	HARN,CABLE,POWER TO PLAT,Z45J Z45/25J	1
17	227617GT	ASSEMBLY,FOOT SWITCH	1
18	88725GT	HARNESS,LS,PRIM/EXT	1
19	218684GT	HARNESS,LS SEC. UP/DOWN	1
20	219681GT	HARN,POS. AIR SHUTDOWN,Z45IC (option)	1
21	218685GT	HARNESS,LS EXTEND PIGTAIL	1
22A	1262312GT	HARNESS, GBOX	1
22A-	36899GT	SPLICE,PARALLEL,RED,INSULATED	
22A-	45782GT	DIODE,6 AMP,200 PIV,BULK	
22B	1255663GT	HARNESS,GBOX,T4,Z45IC for models with Deutz D2.9 & Perkins 404F-22 engines	1
22B-	36899GT	SPLICE,PARALLEL,RED,INSULATED	
22B-	45782GT	DIODE,6 AMP,200 PIV,BULK	

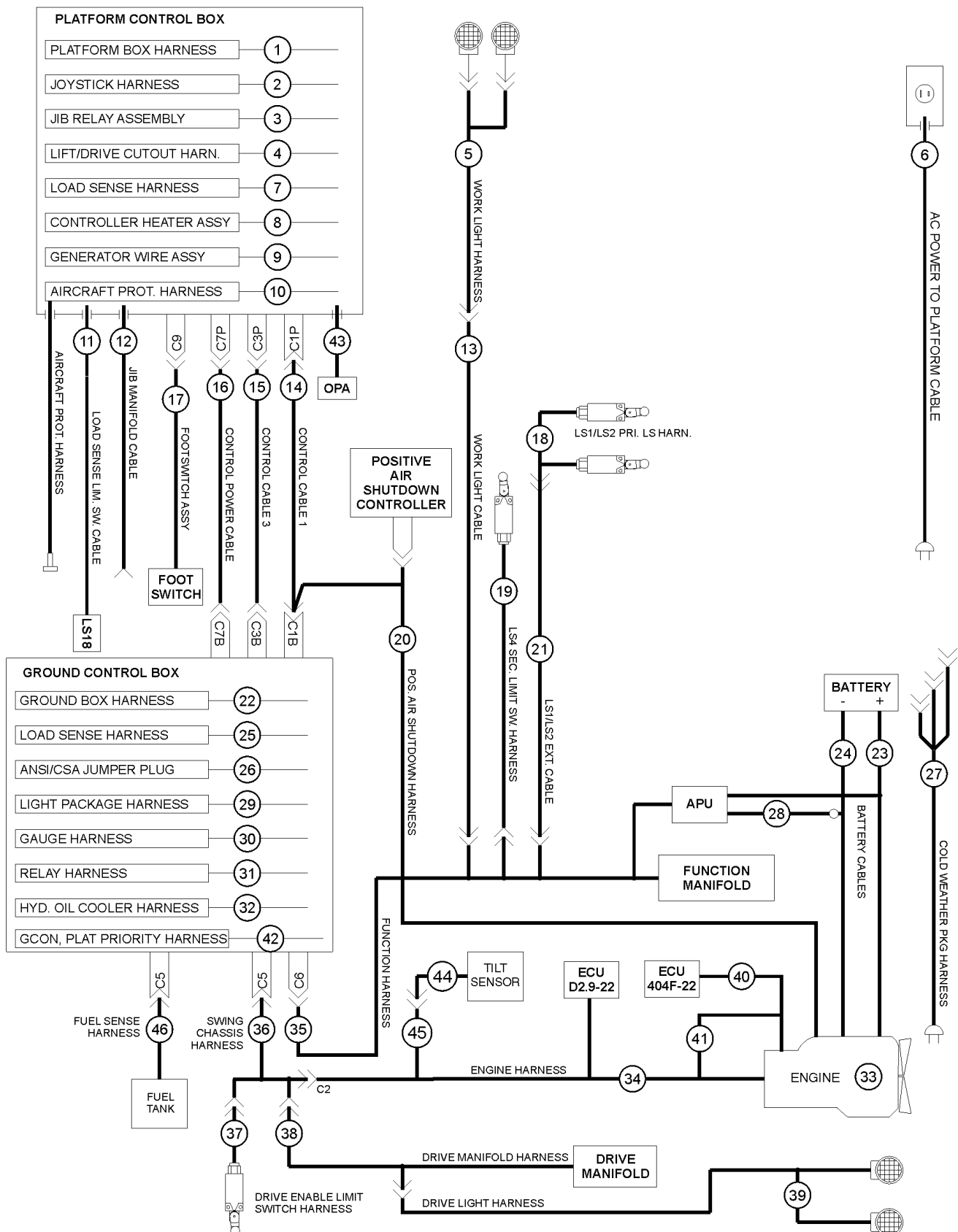
311.2 Wire Harness Diagram, Z-45/25J



311.2 Wire Harness Diagram, Z-45/25J

Item	Part No.	Description	Qty.
23	218454GT	BATTERY CABLE,POSITIVE,RED	1
24	218455GT	BATTERY CABLE,NEGATIVE,BLACK	1
25	219305GT	HARNESS,JUMPER,LOAD SENSE,GBOX	1
26	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	1
26-	121843GT	RESISTOR,4.7K OHM,25 WATT	
27	161078GT	ASSY,240V COLD WEATHER PKG. (option)	1
27B	161079GT	ASSY,120V COLD WEATHER PKG. (option)	1
28	218506GT	BATTERY CABLE,NEGATIVE,APU	1
29	219685GT	HARNESS,RELAY,LIGHT PKG,Z45/51	1
30	219673GT	HARNESS,GAUGE	1
31	1255780GT	HARNESS,RELAY,GBOX,Z45IC for models with Deutz D2011L03 & Perkins 404D-22 engines	1
31B	1255781GT	HARNESS,RELAY,GBOX,Z45 GAS/LP for models with Ford MSG-425	1
31C	1255779GT	HARNESS ASSY,RELAY 404F,Z45 for models with Perkins 404F-22 engines	1
31D	1255778GT	HARNESS ASSY,RELAY D.29,Z45 for models with Deutz D2.9L4 engines	1
32	220234GT	HARNESS,RELAY,OIL COOLER (option)	1
33	1283971GT	HARNESS, Z45 DEUTZ D2.9 for models with Deutz D2.9L4	1
33B	160681GT	HARN,2ND GLOW PLUG,DTZ for models with Deutz D2011L03	1
33C	1281785GT	HARN,DTZ COOLANT SENSOR EXT. for models with Deutz D2.9 engine (from SN 58483)	
34	217903GT	HARN FORD ENGINE Z45-2012	1
		for models with Ford MSG-425	
34B	217902GT	HARN PERKINS ENGINE Z45-2012	1
		for models with Perkins 404D-22 engines	
34C	822047GT	HARNESS, Z45 PERKINS 404F for models with Perkins 404F-22 engines	1
34D	216339GT	HARN DEUTZ ENGINE Z45-2012	1
		for models with Deutz D2011L03	
34E	822049GT	HARNESS, Z45 DEUTZ D2.9 for models with Deutz D2.9 engines (to SN 57697)	1
34F	1270909GT	HARNESS, Z45 DEUTZ D2.9 for models with Deutz D2.9 engines (from SN 57698)	1
35	217957GT	HARN, FUNCTION MANIFOLD,Z45IC	1
36	217782GT	HARN,SWING CHASSIS,Z45IC/Z51	1
37	110160GT	HARNESS,LS,D.E. Z45	1
38	217904GT	HARN BRAKE-MS ADAPTER CABLE	1

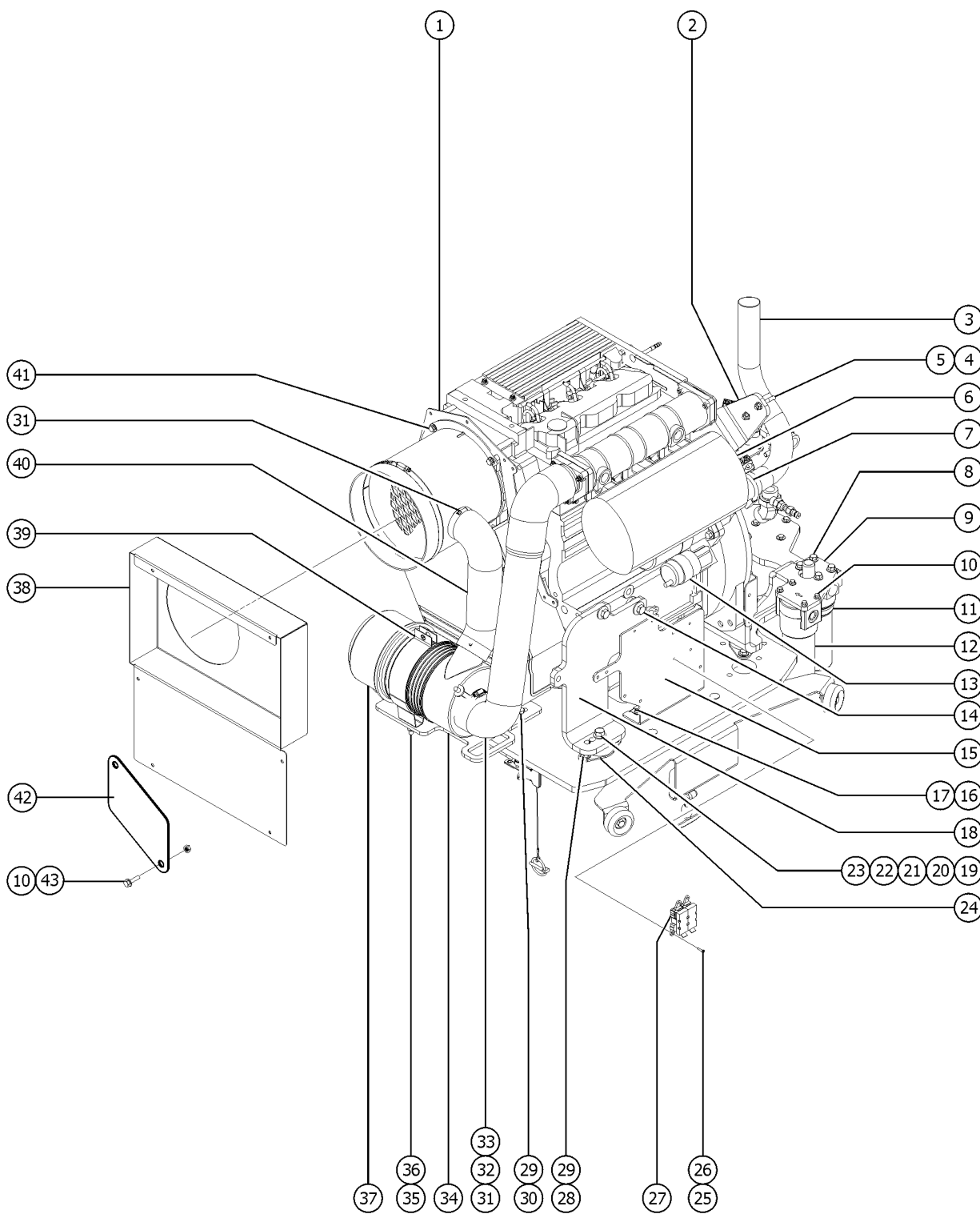
311.2 Wire Harness Diagram, Z-45/25J



311.2 Wire Harness Diagram, Z-45/25J

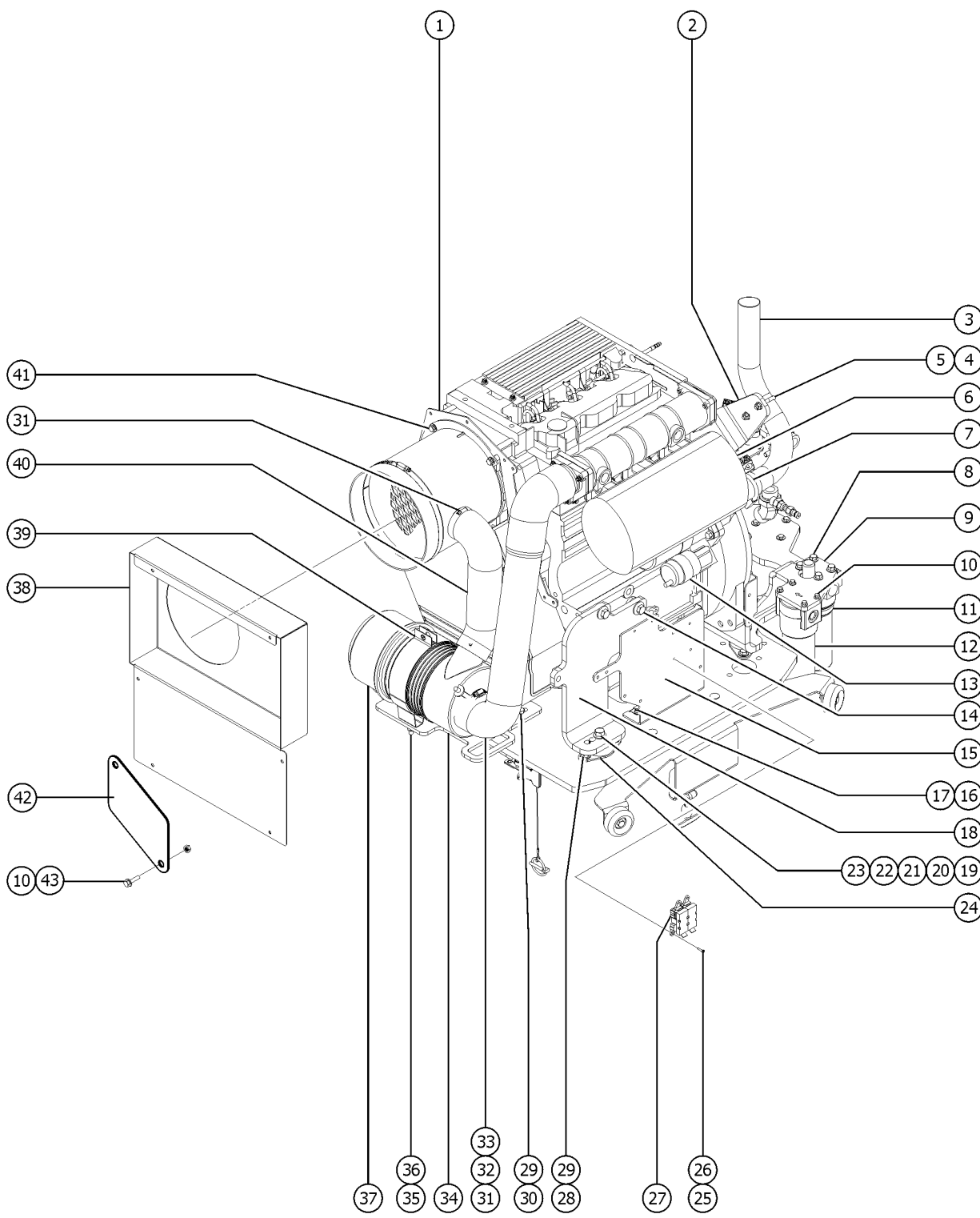
Item	Part No.	Description	Qty.
39	219684GT	HARN,DRIVE LIGHTS,Z45/Z51	1
40	1271124GT	CONNECT BOX, PERK T4 EXT HARN Perkins	1
41	822513GT	HARN,PERKINS 404F,6WAY EXT	1
42	1261298GT	HARNESS ASSY,GCON,PLAT PRTY	1
43	1255555GT	HARN,PBOX,OPA,HW,12V	1
		option	
43B	1255030GT	PLUG,BLANKING	1
44	94077GT	SENSOR,LEVEL,4.5 DEG	1
44B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5	1
45A	1261844GT	HARNESS, TILT, 12V, CSA PROD	1
45B	1285811GT	KIT,TILT ALARM,IC MODELS	
45B-	1285689GT	INSTRUCTIONS,INSTALL (LEVEL SENSOR ALARM) for kit 1285811	
46	1272909GT	HARNESS, FUEL SENSE, Z45IC FAMILY	1

401.1 Deutz D2011L03i Engine, View 1



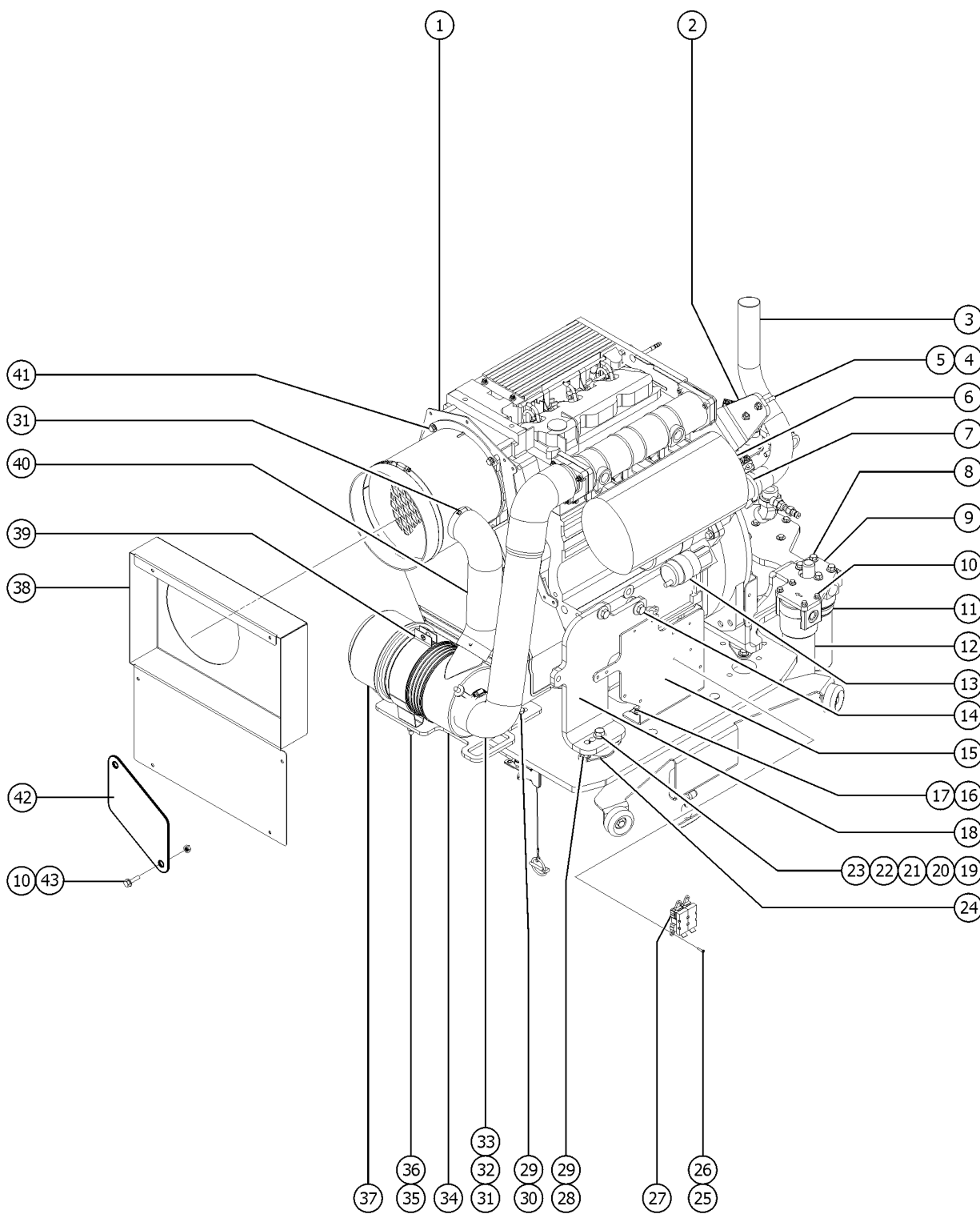
Item	Part No.	Description	Qty.
A		verify Engine Make and Model Before Ordering	
B	35499GT	GUIDE RING,STANDARD	
C	139624GT	SWITCH, OIL PRESSURE 1.5 BAR	
D	111445GT	SENDING UNIT,OIL TEMP SWCH,DTZ	
E	1259374GT	PIN, DEUTZ (FOR PN 65849) for 65849	
F	1259375GT	PLUG, DEUTZ (FOR PN 65849) for 65849	
G	65849GT	CONNECTOR KIT, DEUTZ**	
1	216340GT	MOUNTING BRKT.FRONT HARNESS	1
2	101138GT	BRACKET,MUFFLER,DEUTZ 3 CYL***	1
3	219668GT	EXHAUST PIPE, DEUTZ 3 CYL DSL	1
4	80391GT	U-BOLT,5/16 -18 X 2IN**	1
5	1255805GT	NUT,SERRATED,5/16-18,8,ZAG	2
6	32695GT	MUFFLER,DEUTZ	1
6-	119117GT	MUFFLER,CAT/SPARK,DEUTZ spark arresting option	
6-	29559GT	GASKET,EXHAUST for 119117, 3 required	
7	70385GT	CLAMP,EXHAUST,2.00 PLATED	1
8	824089GT	SCREW,HHF,3/8-16X.75,8,ZAG	4
9	235654GT	FORMING,OIL FILTER BRACKET	1
10	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4
11	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
11-	58222GT	O-RING,FILTER ASSY (60334)***	
11-	58223GT	SEAL,FILTER ASSY (60334)***	
11-	58380GT	FILTER INDICATOR-(60334)	
11-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
12	1267807GT	ASSEMBLY, MED. PRESS. FILTER,	1
12-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
13	139709GT	STARTER, 12V	1
13-	139622GT	HEAT SHIELD,DEUTZ STARTER	

401.1 Deutz D2011L03i Engine, View 1



Item	Part No.	Description	Qty.
14	1256776GT	SCREW,HHF,M14-2.0X35,DIN6921,10.9,ZAB	3
15	216343GT	MOUNTING BRKT,ELECTRICAL PANEL	1
16	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	2
17	824080GT	SCREW,HHF,1/4-20X1.25,8,ZAG	2
18	70461PGT	FORMING,ENGINE MOUNT,FL PAINT*	1
19	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	1
20	219991GT	SPACER,19.1 ODX13.5 IDX15.9	1
21	101729GT	WASHER,VIBRATION ISOLATING	1
22	1256283GT	WASHER,FLAT,.5X2.25X.188,ZAG	1
23	1256106GT	NUT,TL,1/2-13,C,ZAG	1
24	70452GT	ISOLATOR,ENGINE VIBRATION	4
25	1253490GT	SCREW,PHPM,8-32 X .75,ZAG	2
26	1263070GT	NUT,SERRATED,8-32,ZAG	2
27	218221GT	ASSY,FUSE BLOCK,LMI,1 POLE	1
28	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	8
29	824029GT	NUT,TL FLG,3/8-16,G,ZAG	11
30	824092GT	SCREW,HHF,3/8-16X1.5,8,ZAG	3
31	45435GT	CLAMP,HOSE,2.50"	3
32	70375GT	HOSE,AIR CLEANER	1
33	30971GT	CLAMP,HOSE,3.00"	1
34	120240GT	WELDMENT,AIR CLEANER BRACKET	1
35	824028GT	NUT,TL FLG,5/16-18,G,ZAG	2
36	1264101GT	SCREW,HHC,5/16-18X1,8,ZAG	2
37	63463GT	AIR CLEANER,NELSON*** plastic housing	1
37-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
37-	62420GT	FILTER,AIR***	
37-	65810GT	BAFFLE, AIR CLEANER (27915)**	
37-	52866GT	EVACUATOR VALVE-AIR CLEANER	

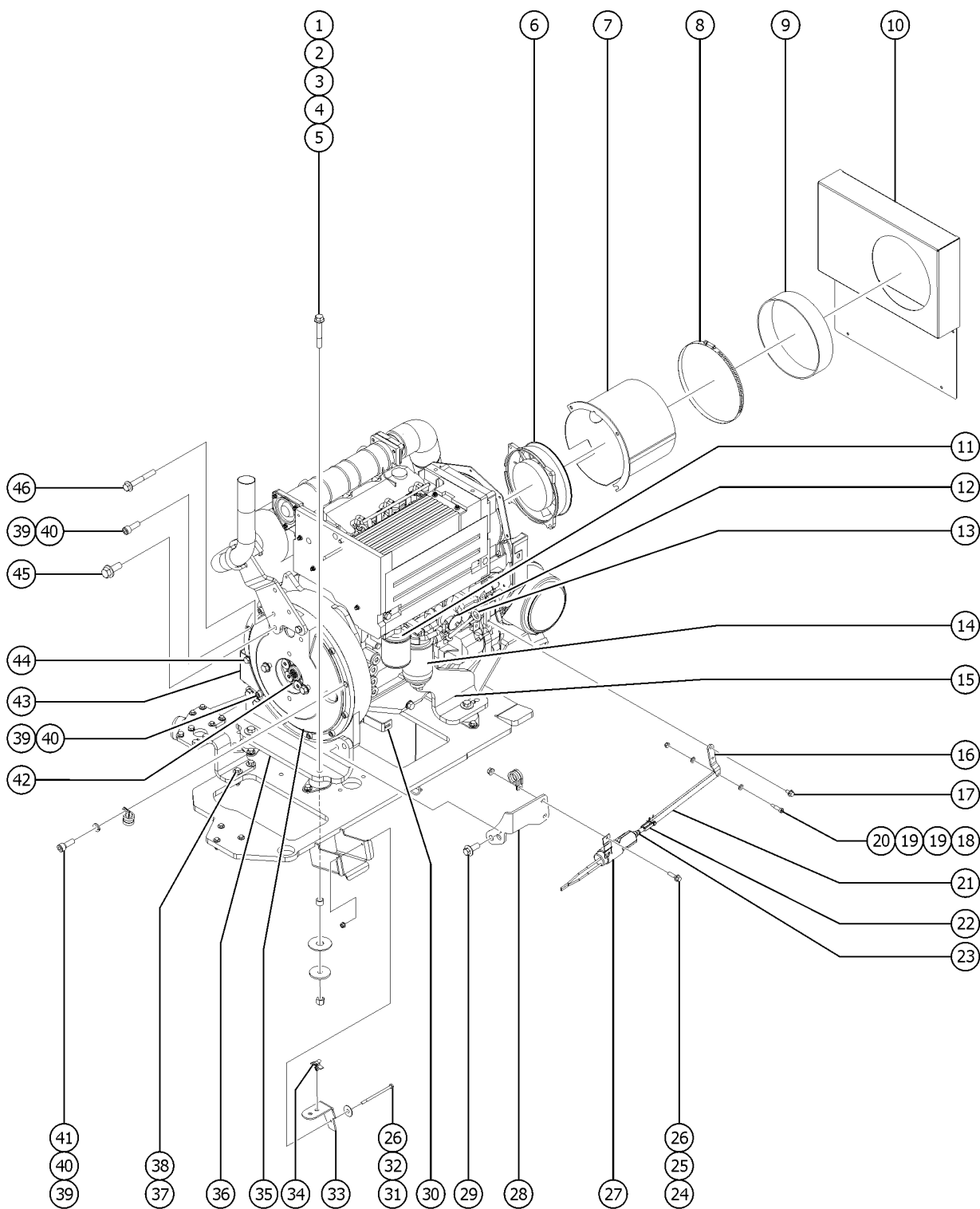
401.1 Deutz D2011L03i Engine, View 1



401.1 Deutz D2011L03i Engine, View 1

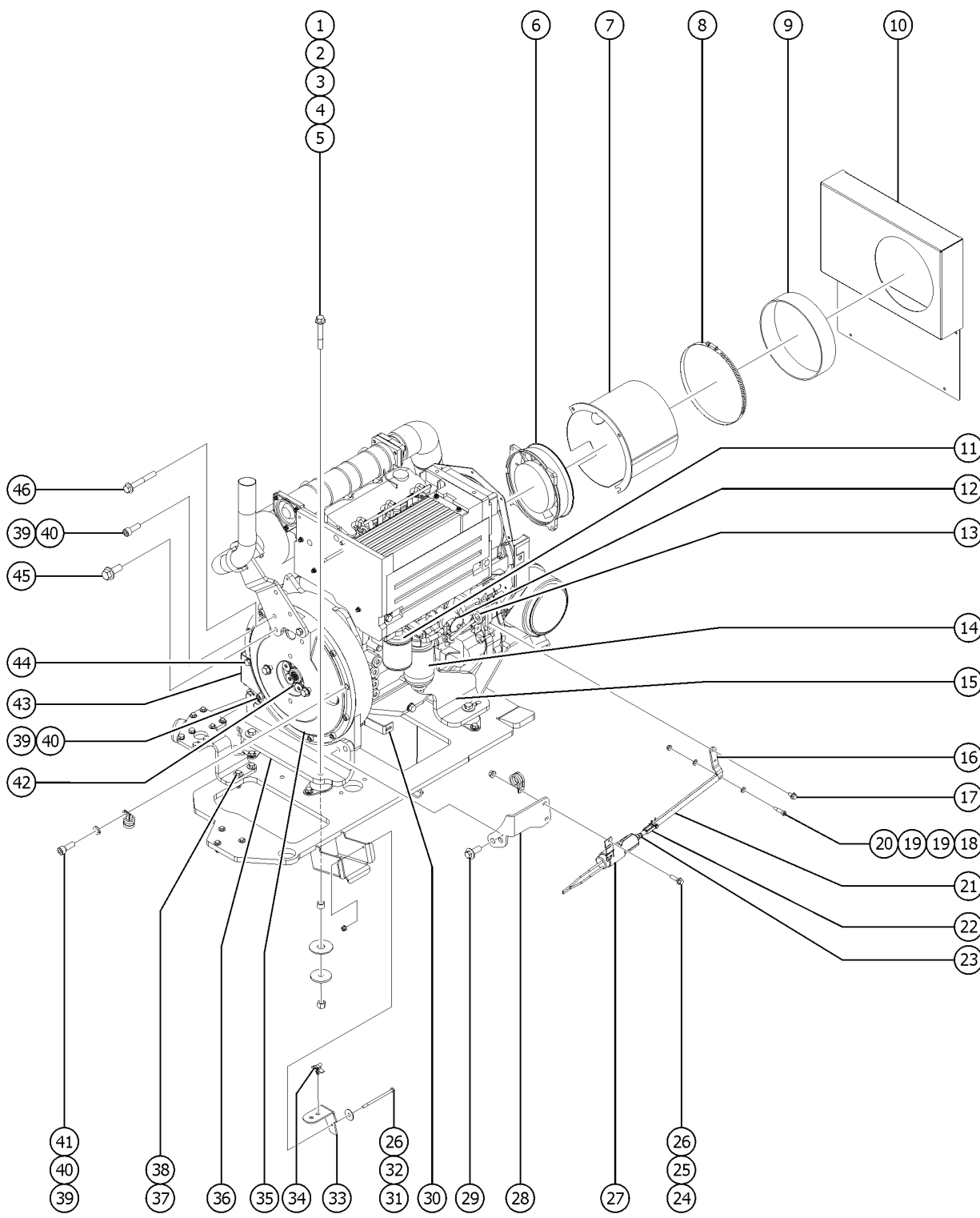
Item	Part No.	Description	Qty.
38	235645GT	FORM,DEUTZ AIR INTAKE BAFFLE	1
39	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
40	101006GT	TUBE,AIR CLEANER INLET	1
41	1251983GT	SCREW,HHF,M8-1.25X16,DIN6921,10.9,ZAB	2
42	161717GT	COVER, PRECLEANER OPENING	1
43	824027GT	NUT,TL FLG,1/4-20,G,ZAG	2

402.1 Deutz D2011L03i Engine, View 2



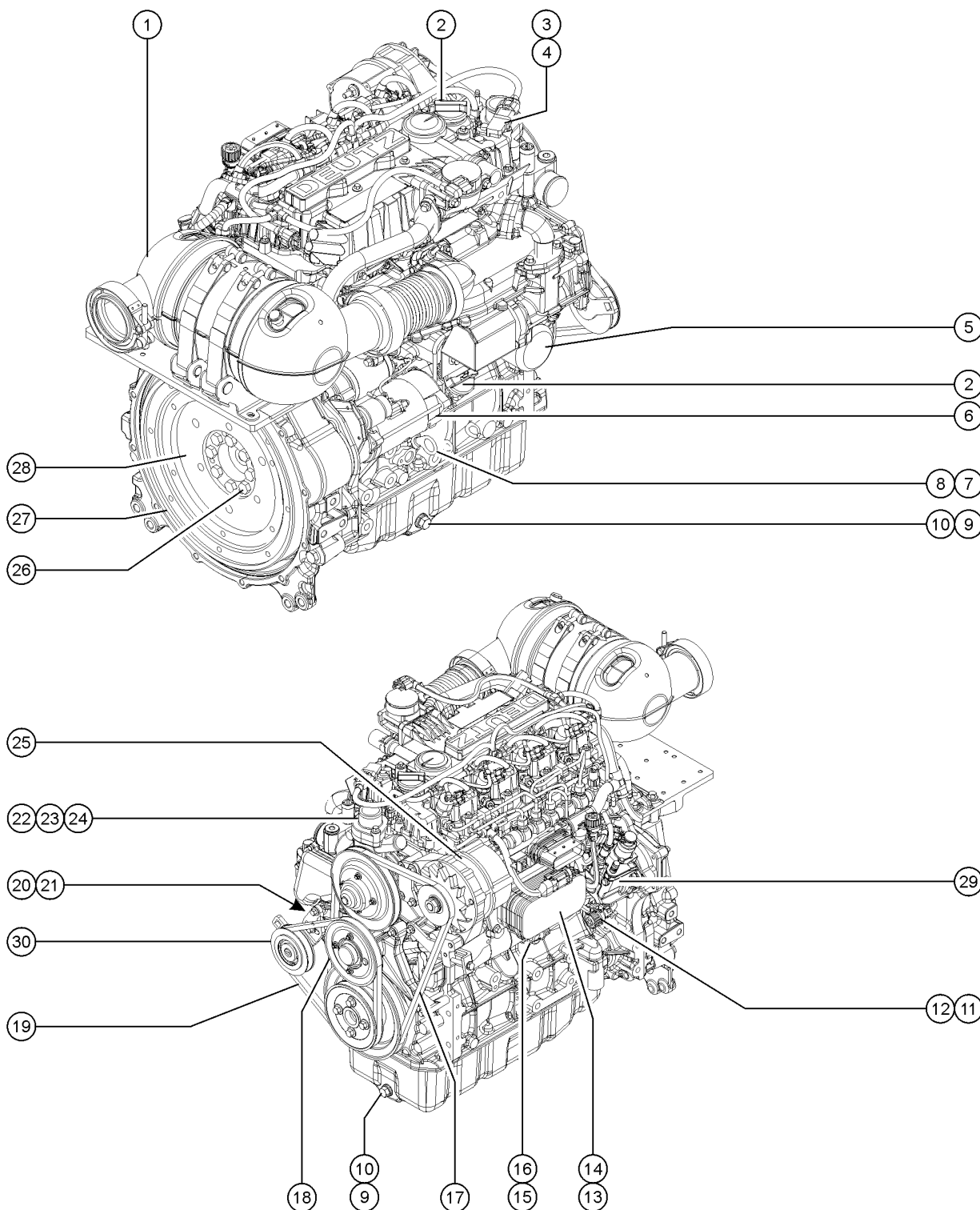
Item	Part No.	Description	Qty.
A		Verify Engine Make and Model Before Ordering	
1	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	3
2	219991GT	SPACER,19.1 ODX13.5 IDX15.9	3
3	101729GT	WASHER,VIBRATION ISOLATING	3
4	1256283GT	WASHER,FLAT,.5X2.25X.188,ZAG	3
5	1256106GT	NUT,TL,1/2-13,C,ZAG	3
6	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	1
7	101140GT	WELDMENT,AIR INTAKE TUBE	1
8	31523GT	CLAMP,HOSE,8.50 DIA***	1
9	33239GT	SHEET,RUBBER,AIR INTAKE	1
10		REF. FORM,DEUTZ AIR INTAKE BAFFLE	1
		refer to 401.1	
11	49924GT	FILTER,OIL,DEUTZ F4L1011F	1
		Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	
11-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT	
		Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	
12	111668GT	PUMP,FUEL 2011 DEUTZ ***	1
13	52352GT	DIPSTICK-F3L1011F (DEUTZ)	1
14	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008	1
		Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	
14-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008	1
		Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	
15	70460PGT	FORMING,ENGINE MOUNT,FR PAINT*	1
16	50787-SGT	LEVER, GOVERNOR ACTUATOR	1
17	1256450GT	SCREW,HHC,M6-1.0X20,DIN933,10.9,ZAB	2
18	1257076GT	BOLT,SHS,1/4-28X4,ZAG	1
19	825355GT	WASHER,FLAT,M6,DIN125,ZAB	2
20	5365GT	NUT,NYLOCK,10-24	1
21	94485GT	THROTTLE LINKAGE,DIESEL ***	1
22	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
		includes clevis pin and cotter pin	
23	824041GT	NUT, 1/4-28, 8, ZAG	1
24	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
25	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1

402.1 Deutz D2011L03i Engine, View 2



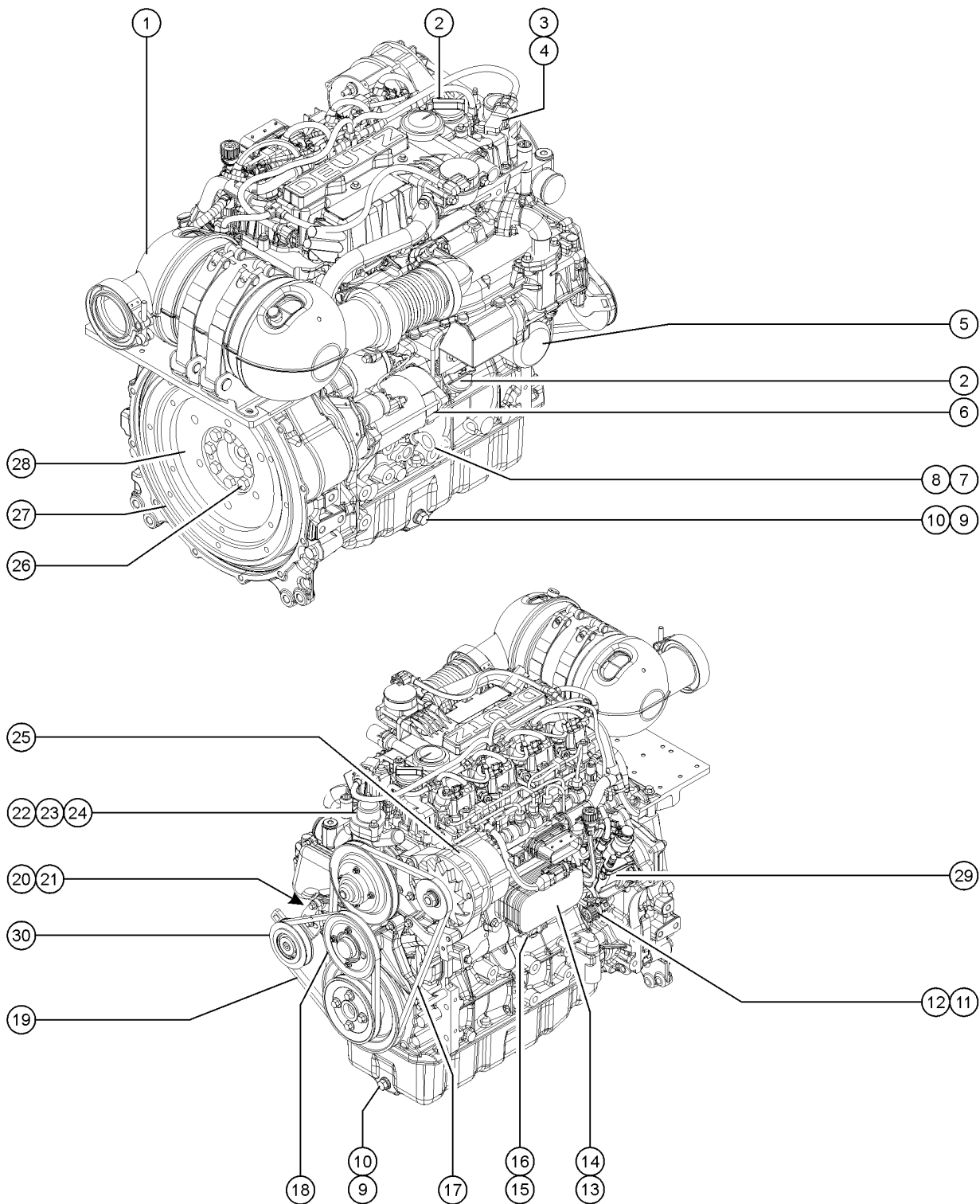
Item	Part No.	Description	Qty.
26	824027GT	NUT,TL FLG,1/4-20,G,ZAG	3
27	161087GT	ASSY,SOLENOID THR_ACT RPM Z45	1
27-	77402GT	SOLENOID,THROTTLE ACTUATOR DSL assy 161087	
28	101129GT	BRACKET,SOLENOID MOUNT	1
29	1251899GT	SCREW,HHF,M14-2.0 X 40,DIN 692	6
30	77245GT	BRACKET,SOLENOID MOUNT BRACE**	1
30-	1256450GT	SCREW,HHC,M6-1.0X20,DIN933,10.9,ZAB	
30-	1256457GT	WASHER,LOCK, M6,ZAB	
30-	825355GT	WASHER,FLAT,M6,DIN125,ZAB	
31	1256853GT	SCREW,HHF,1/4-20X4.5,8,ZAG	1
32	824113GT	WASHER,FLAT,1/4,USS,ZAG	1
33	219353GT	FORMING, FUEL LINE BRACKET	1
34	105214GT	CABLE TIE MOUNT, WINGED	2
35	70381GT	COVER,FLYWHEEL CASTING	1
36	214846GT	REF. FORMING,REAR ENGINE MOUNT	1
37	824093GT	SCREW,HHF,3/8-16X1.75,8,ZAG	2
38	824029GT	NUT,TL FLG,3/8-16,G,ZAG	2
39	1255666GT	SCREW,SHC,M10-1.50X30,DIN912,12.9,ZAB	8
40	824142GT	WASHER,LOCK,M10,ZAB	1
41	45454GT	CLAMP,RUB CUSH,0.75,#12 X 3/8*	1
42	128004GT	COUPLER,15 TOOTH,FBA,SAE8***	1
42-	1257421GT	SCREW,HHC,M10-1.5X16,DIN933,10	6
43	216341GT	MOUNT BRKT,POS.BATTERY CABLE	1
44	1288532GT	SCREW,SHC,M10-1.5X35,ISO4762,12.9,ZINC	1
45	1255469GT	SCREW,HHF,1/2-13X1.25,8,ZAG	1
46	826008GT	SCREW,HHF,M10-1.5X75,DIN6921,10.9,ZAB	2

403.1 Deutz D2.9L4 Engine, View 1



Item	Part No.	Description	Qty.
A-	237188GT	ENGINE KIT, DEUTZ D2.9L4 <i>Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine dealer</i>	
B-	1283971GT	HARNESS, Z45 DEUTZ D2.9	1
C-	1259717GT	MANUAL, DEUTZ D2.9 ENGINE	1
D-	1262870GT	GLOW PLUG, DEUTZ	4
E-	1262871GT	SEAL, FRONT ENGINE,DEUTZ	1
F-	1262872GT	SEAL, REAR ENGINE,DEUTZ	1
G-	1272624GT	KIT,WATER PUMP 2.9 L4 <i>includes fasteners and 1262874 pump</i>	1
H-	1262875GT	O-RING, WATER PUMP	1
K-	1259654GT	INTAKE BREATHER	1
L-	1277974GT	PINS,CONNECTOR,INJ HARNESS,D2.9	
1	Ref.	OXIDATION CATALYST,DEUTZ <i>(diesel oxygen catalyst/muffler)(contact Genie Parts; engine serial number required)</i>	
2	29557GT	CAP,OIL FILLER,DEUTZ,DIESEL ***	2
3	1262896GT	SENSOR,INTAKE AIR PRESSURE	1
4	1262897GT	O-RING, INTAKE AIR PRESSURE SENSOR	1
5	49924GT	FILTER,OIL,DEUTZ F4L1011F	1
6	1254594GT	STARTER,3.2KW,DEUTZ D2.9	1
6-	1262868GT	BOLT, DEUTZ STARTER <i>not included sold seperately</i>	
7	825708GT	DIPSTICK,TD2.9	1
8	1262881GT	ORING, OIL DIP STICK	1
9	102587GT	PLUG,ENGINE OIL,DEUTZ F4L2011	2
10	108538GT	RING / SEALING	2
11A	1262894GT	SENSOR,CAM/CRANKSHAFT POSITION <i>(crankshaft)</i>	1
11B	1262894GT	SENSOR,CAM/CRANKSHAFT POSITION <i>hidden from view (camshaft)</i>	1
12	1262895GT	O-RING, CRANKSHAFT POSITION SENSOR	1
13	1262882GT	OIL COOLER, DEUTZ	1
14	1262883GT	GASKET, OIL COOLER, DEUTZ	1
15	1262892GT	SENSOR,OIL PRESSURE,DEUTZ	1

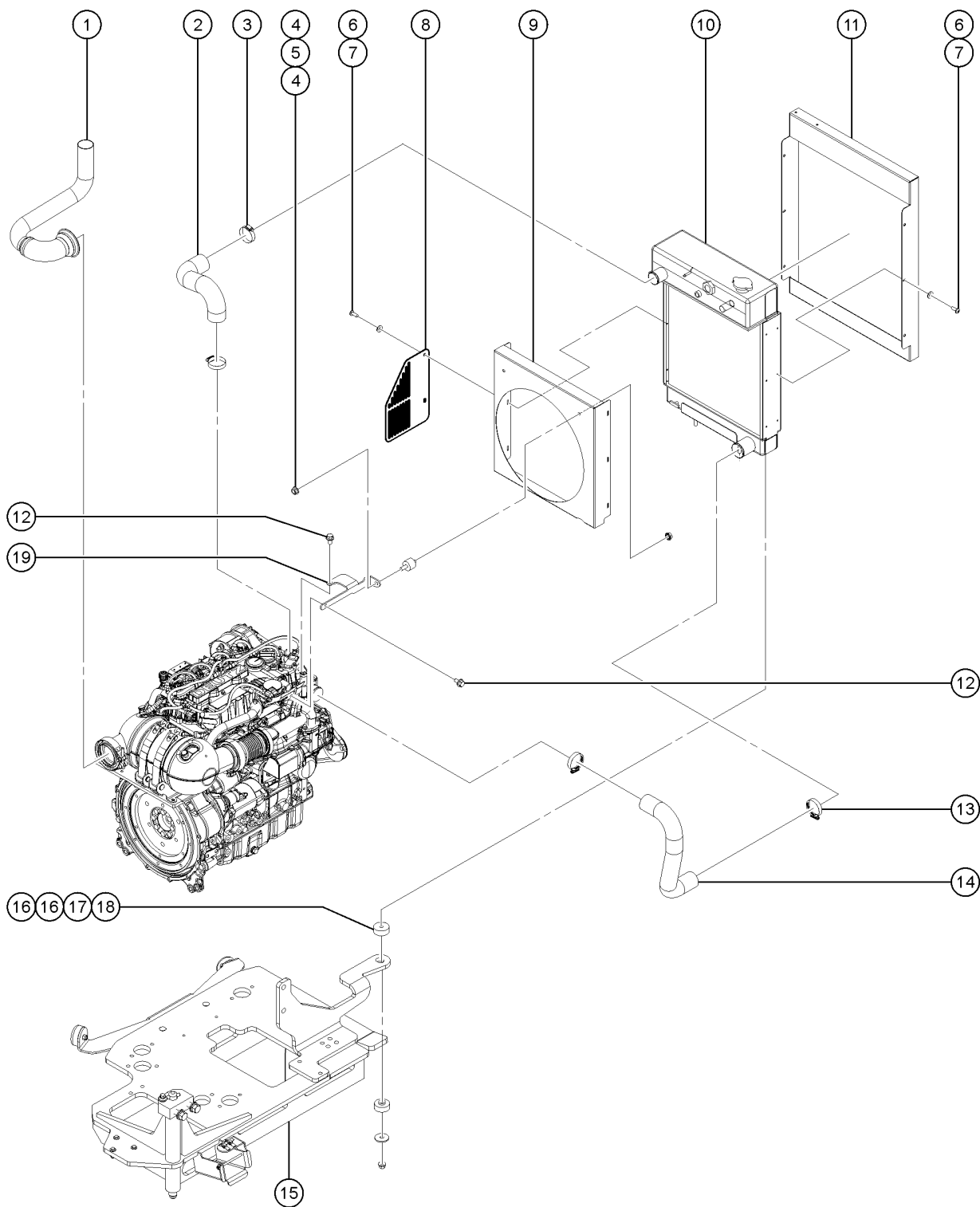
403.1 Deutz D2.9L4 Engine, View 1



403.1 Deutz D2.9L4 Engine, View 1

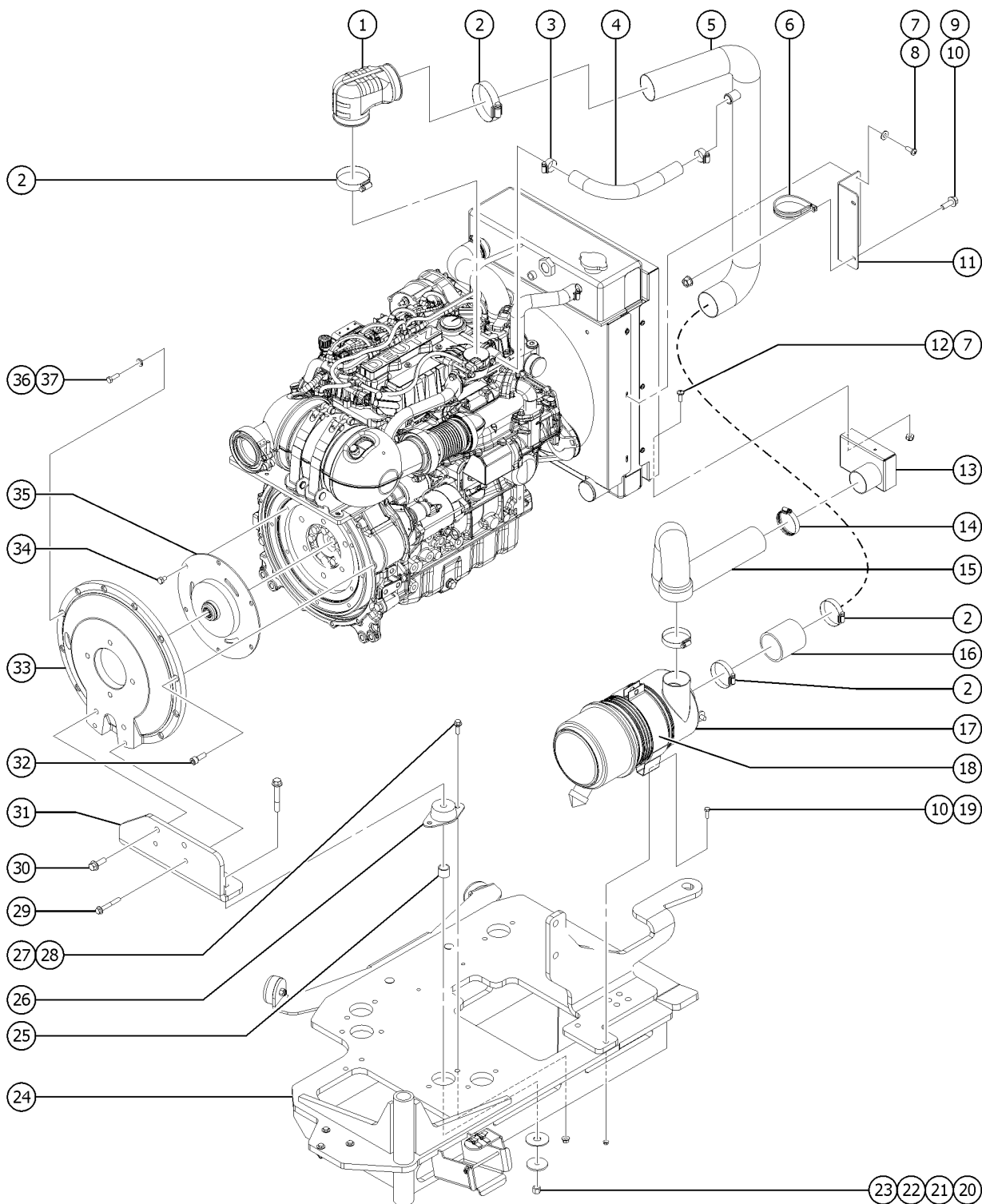
Item	Part No.	Description	Qty.
16	1262893GT	O-RING, OIL PRESSURE SENSOR	1
17	1262866GT	FAN BELT, ALTERNATOR	1
18	236248GT	PULLEY ASSEMBLY,ALTERNATOR,TCD	1
19	1262867GT	V-BELT, DEUTZ	1
20	1262894GT	SENSOR,CAM/CRANKSHAFT POSITION	1
21	1262899GT	O-RING, CAMSHAFT POSITION SENSOR	1
		hidden from view	
22	1262877GT	THERMOSTAT HOUSING	1
23	1262876GT	THERMOSTAT,DEUTZ	1
24	1262878GT	GASKET, THERMOSTAT HOUSING	1
25	236251GT	ALTERNATOR,95 AMP,DEUTZ TCD3.6	1
26	1262873GT	BOLT, DEUTZ FLYWHEEL	8
27	89785GT	RING GEAR,DEUTZ F3L2011F	1
28	1259660GT	FLYWHEEL, SAE 8/10	1
		order with item 25	
29	1279653GT	PUMP,FUEL,HI PRESS,DEUTZ TD2.9	1
30	1279631GT	PULLEY,BELT TENSIONER,D2.9L4	1

404.1 Deutz D2.9L4 Engine, View 2



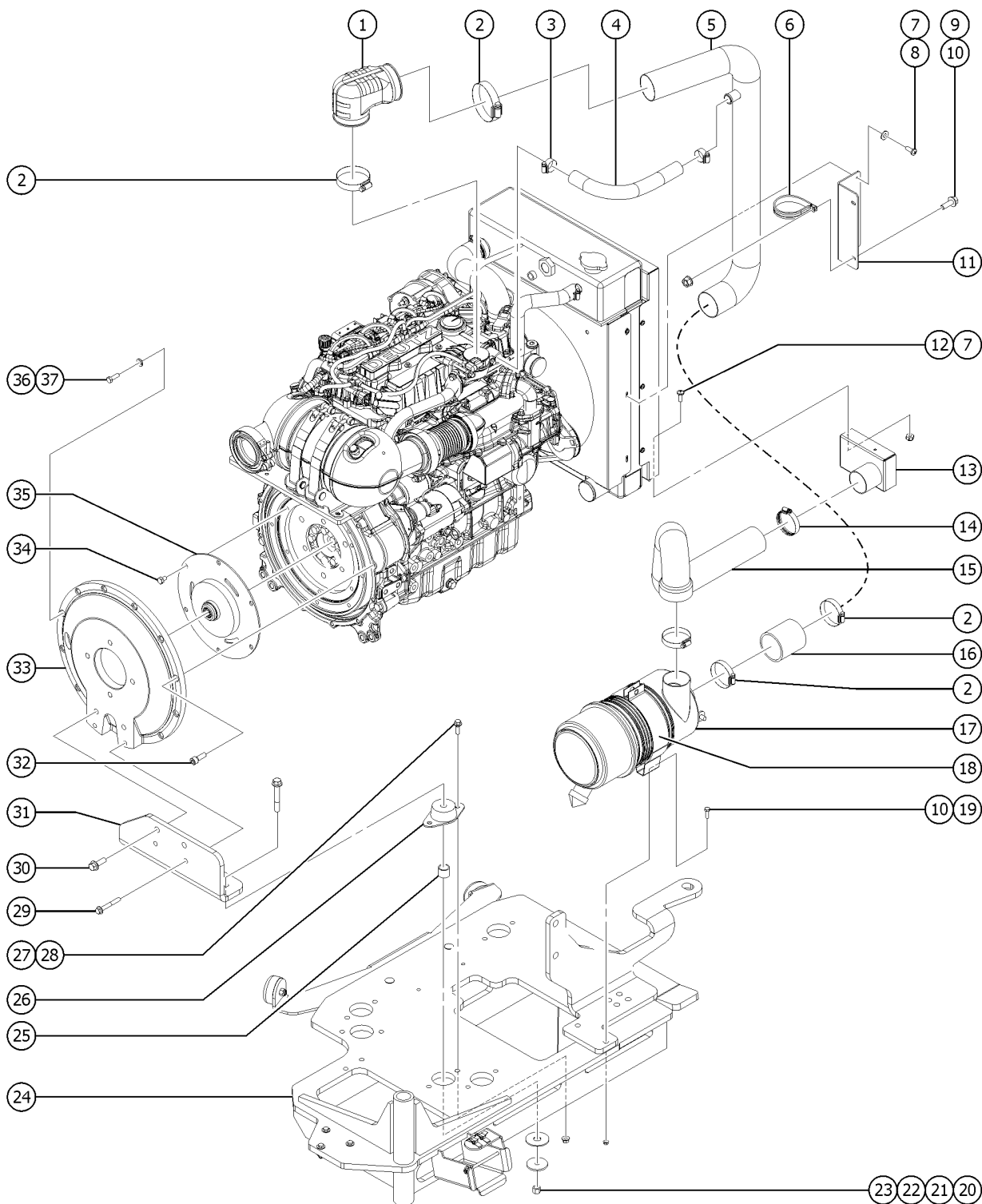
Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine dealer	
B	237188GT	ENGINE KIT, DEUTZ D2.9L4	
C	1254594GT	STARTER,3.2KW,DEUTZ D2.9	1
D	1257838GT	HARNESS,INJECTOR,DEUTZ D2.9	1
E	49924GT	FILTER,OIL,DEUTZ F4L1011F	1
1	217744GT	EXHAUST PIPE,DEUTZ D2.9,Z45	1
2	1264348GT	HOSE,UPPER RADIATOR W/INTEGRATED TANK,DEUTZ D2.9	1
3	22672GT	CLAMP,HOSE,1.75	2
4	1255805GT	NUT,SERRATED,5/16-18,8,ZAG	2
5	219437GT	ISOLATOR,VIBRATION	1
6	1256479GT	SCREW,PHPM,10-24X.50,ZAG	10
7	1253185GT	WASHER,FLAT,#10,USS,ZAG	10
8	162063GT	SHEET, FAN GUARD, Z45	1
9	1262324GT	SHROUD, FAN, DEUTZ 2.9L	1
10	1262308GT	RADIATOR/EXPANSION TANK, DEUTZ	1
10A	822606GT	TUBING,VINYL,3/8" CLEAR (bulk)	37
11	235660GT	FORMING,RADIATOR SHROUD	1
12	237238GT	SCREW,HHF,M6-1.0X12,DIN6921,10	2
13	35434GT	CLAMP,HOSE,2.00***	2
14	237194GT	HOSE,LOWER RADIATOR,DEUTZ D2.9	1
15		Ref. Engine Tray	
		refer to 418.1	
16	24038GT	SHOCK MOUNT,SMALL	4
17	824120GT	WASHER,FLAT,.375X1.50X.125,ZAG	2
18	824029GT	NUT,TL FLG,3/8-16,G,ZAG	2
19	214237GT	FORMING,RAD BRACE,DEUTZ D2.9	1

405.1 Deutz D2.9L4 Engine, View 3



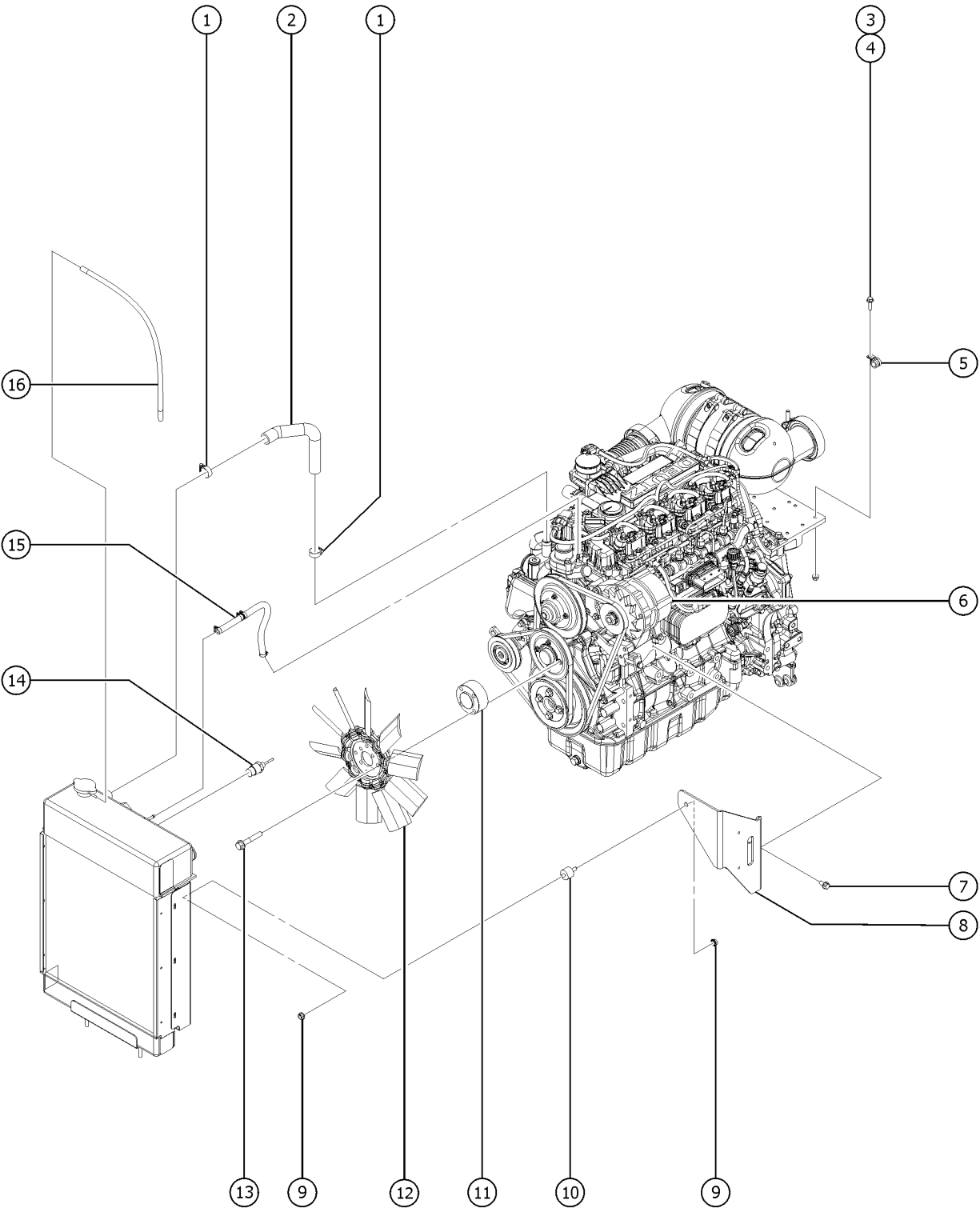
Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine dealer	
1	214686GT	AIR INTAKE ELBOW,90 DEGREE	1
2	45435GT	CLAMP,HOSE,2.50"	5
3	30348GT	CLAMP,HOSE,1.00	2
4	1255894GT	HOSE,PCV,DEUTZ D2.9	1
5	219976GT	WELDMENT,STEEL INTAKE TUBE	1
6	45455GT	CLAMP,2.75,#44 X 1/4,RUB CUSH*	2
7	1256479GT	SCREW,PHPM,10-24X.50,ZAG	4
8	1253185GT	WASHER,FLAT,#10,USS,ZAG	2
9	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
10	824027GT	NUT,TL FLG,1/4-20,G,ZAG	4
11	217877GT	FORMING,CLEAN AIR BRACKET	1
12	5365GT	NUT,NYLOCK,10-24	2
13	219621GT	WELDMENT,INTAKE BOX,DEUTZ	1
14	35434GT	CLAMP,HOSE,2.00***	1
15	217930GT	HOSE,RAW AIR,DEUTZ D2.9	1
16	34162-300GT	HOSE,AIR INTAKE 2.50" ID	1
17	63463GT	AIR CLEANER,NELSON*** plastic housing	1
17-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
17-	62420GT	FILTER,AIR***	
17-	65810GT	BAFFLE, AIR CLEANER (27915)**	
17-	52866GT	EVACUATOR VALVE-AIR CLEANER	
18	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
19	1264101GT	SCREW,HHF,5/16-18X1,8,ZAG	2
20	1256106GT	NUT,TL,1/2-13,C,ZAG	2
21	1256283GT	WASHER,FLAT,.5X2.25X.188,ZAG	2
22	101729GT	WASHER,VIBRATION ISOLATING	2

405.1 Deutz D2.9L4 Engine, View 3



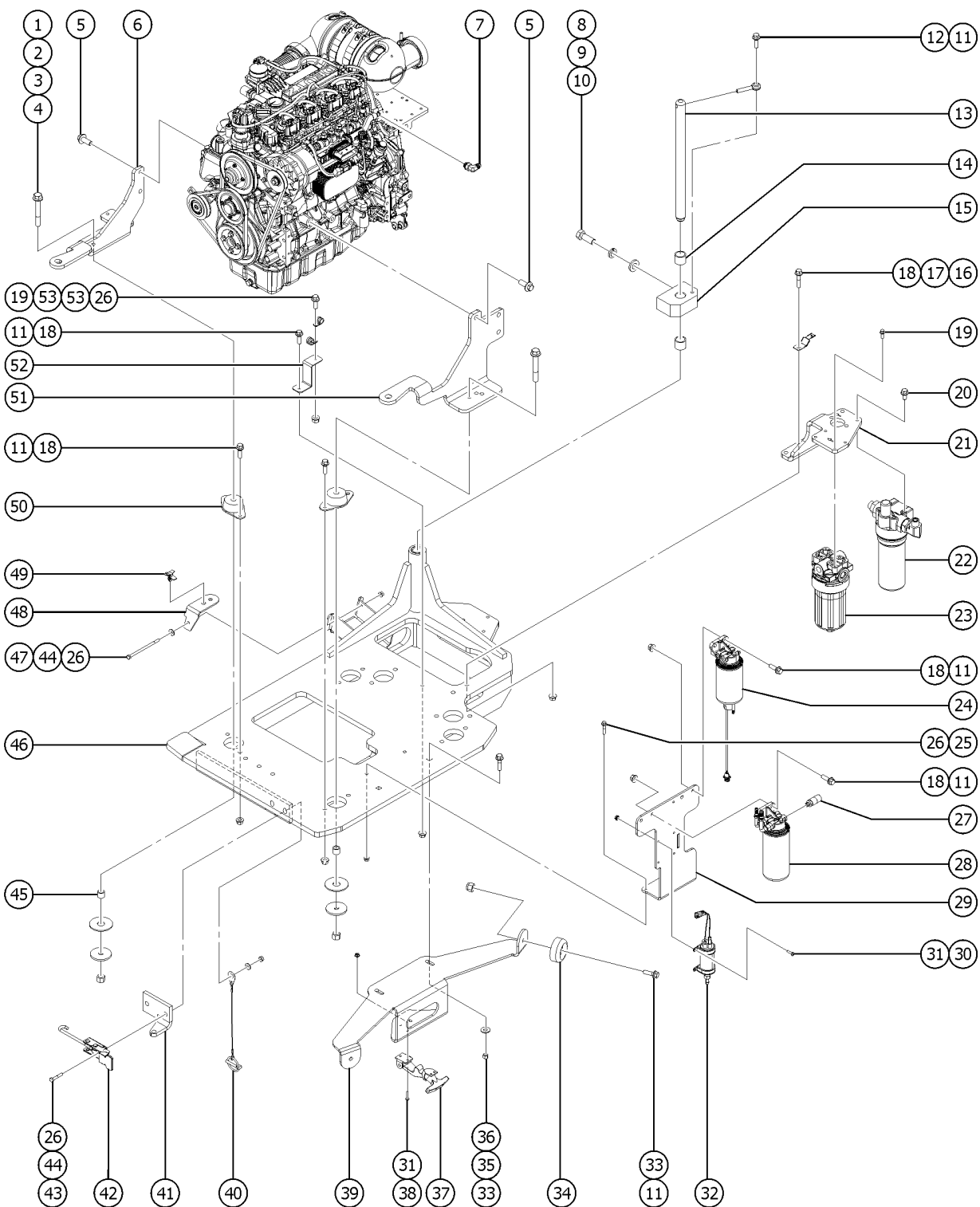
Item	Part No.	Description	Qty.
23	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	2
24		Ref: Engine Tray	
		refer to 418.1	
25	219991GT	SPACER,19.1 ODX13.5 IDX15.9	2
26	70452GT	ISOLATOR,ENGINE VIBRATION	2
27	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	4
28	824029GT	NUT,TL FLG,3/8-16,G,ZAG	4
29	826008GT	SCREW,HHF,M10-1.5X75,DIN6921,10.9,ZAB	2
30	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	2
31	218098GT	FORMING,REAR ENGINE MOUNT,Z45	1
32	1255666GT	SCREW,SHC,M10-1.50X30,DIN912,12.9,ZAB	9
33	70381GT	COVER,FLYWHEEL CASTING	1
34	1257421GT	SCREW,HHC,M10-1.5X16,DIN933,10	5
35	128004GT	COUPLER,15 TOOTH,FBA,SAE8***	1
		includes eight bolts	
36	1288291GT	SCREW,SHC,M10-1.5X30,ISO4762,12.9,ZINC	1
37	22700GT	WASHER,LOCK,M10	1

406.1 Deutz D2.9L4 Engine, View 4



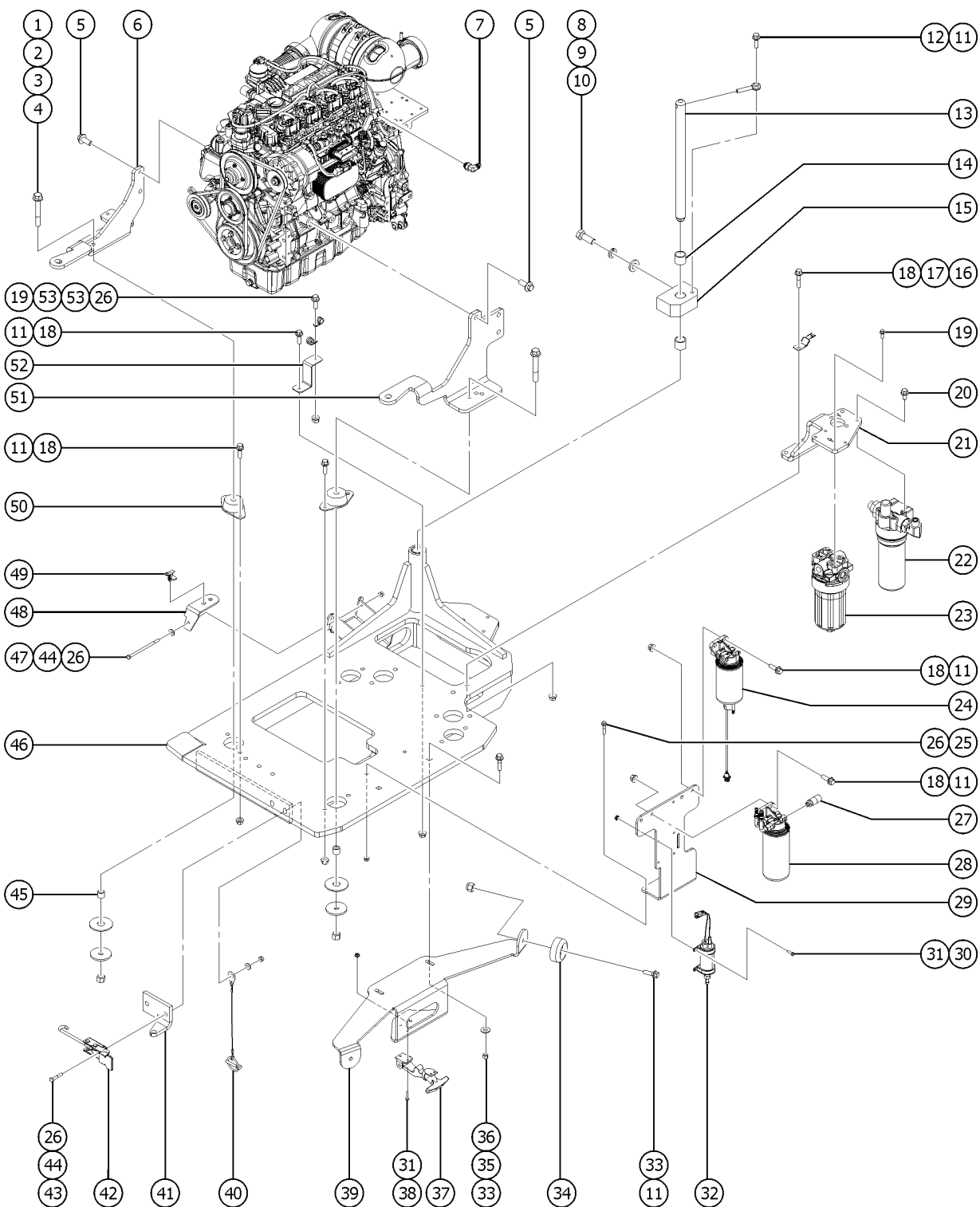
Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine dealer	
1	30348GT	CLAMP,HOSE,1.00	2
2	1265738GT	HOSE EXPANSION TNK, D2.9	1
3	1255537GT	SCREW,HHF,M8-1.25X30,DIN6921,10.9,ZAB	1
4	237832GT	NUT,TL,FLG,M8-1.25,DIN6927,10,	1
5	45454GT	CLAMP,RUB CUSH,0.75,#12 X 3/8*	1
6	236251GT	ALTERNATOR,95 AMP,DEUTZ TCD3.6	1
7	1251983GT	SCREW,HHF,M8-1.25X16,DIN6921,10.9,ZAB	2
8	1256165GT	FORMING,RADIATOR SUPPORT,LH	1
9	1255805GT	NUT,SERRATED,5/16-18,8,ZAG	2
10	219437GT	ISOLATOR,VIBRATION	1
11	1256599GT	SPACER, FAN, DEUTZ, 29.5MM LNG	1
12	214682GT	FAN, 10 BLADE, 15"	1
13	1257231GT	SCREW,HHF,M8-1.25X50,DIN6921,10.9,ZAB	4
14	218715GT	SENSOR,COOLANT LEVEL, DEUTZ	1
15	1282118GT	HOSE ASSY, RADIATOR VENT	1
15-	1282120GT	HOSE, RADIATOR VENT, DEUTZ D2.9	1
15-	1282119GT	2MM ORIFICE UNION, 1/4" HOSE	1
15-	1282122GT	HOSE 2, RADIATOR VENT, DEUTZ D2.9	1
15-	21465GT	CLAMP,HOSE,SIZE .25 TO .63	1
16	1259441GT	HOSE,OVERFLOW,DEUTZ D2.9	1

407.1 Deutz D2.9L4 Engine, View 5



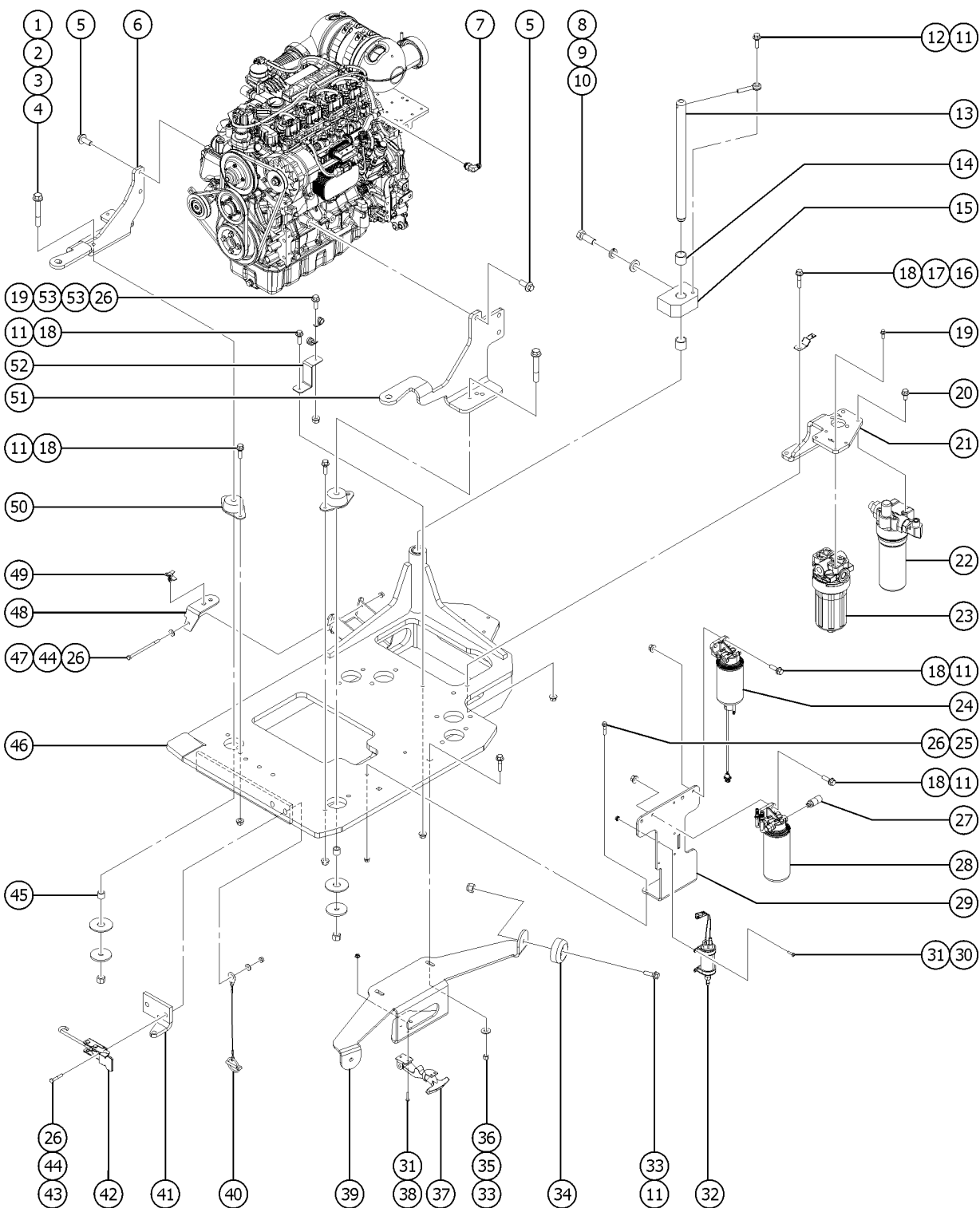
Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine dealer	
1	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	2
2	101729GT	WASHER,VIBRATION ISOLATING	2
3	1256283GT	WASHER,FLAT,.5X2.25X.188,ZAG	2
4	1256106GT	NUT,TL,1/2-13,C,ZAG	2
5	1256776GT	SCREW,HHF,M14-2.0X35,DIN6921,10.9,ZAB	5
6	237190GT	FORMING, RIGHT ENGINE MOUNT	1
7A	826000GT	CONNECTOR, SAE10, QUICK CONN 90-degree fuel return quick connector	1
7B	1259102GT	CONNECTOR,SAE10,QUICK CON,STR fuel return straight quick connector	1
8	1260372GT	SCREW,HHC,5/8-11X1.75,8,ZAG	2
9	1257229GT	WASHER,LOCK,5/8,ZAG	2
10	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	2
11	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	12
12	1255452GT	ROD END,.375 X 2.25,ZAG	1
13	107803GT	PIN,1.00DIAX15.56LG,CHAMFER	1
14	25817GT	BEARING,1.00IDX1.25ODX1.00L	2
15	107805GT	EAR, ENGINE TRAY PIVOT	1
16	824093GT	SCREW,HHF,3/8-16X1.75,8,ZAG	2
17	99346GT	CLIP, METAL MOUNTING	1
18	824029GT	NUT,TL FLG,3/8-16,G,ZAG	12
19	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	5
20	824089GT	SCREW,HHF,3/8-16X.75,8,ZAG	4
21	235654GT	FORMING,OIL FILTER BRACKET	1
22	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
22-	58222GT	O-RING,FILTER ASSY (60334)***	
22-	58223GT	SEAL,FILTER ASSY (60334)***	
22-	58380GT	FILTER INDICATOR-(60334)	

407.1 Deutz D2.9L4 Engine, View 5



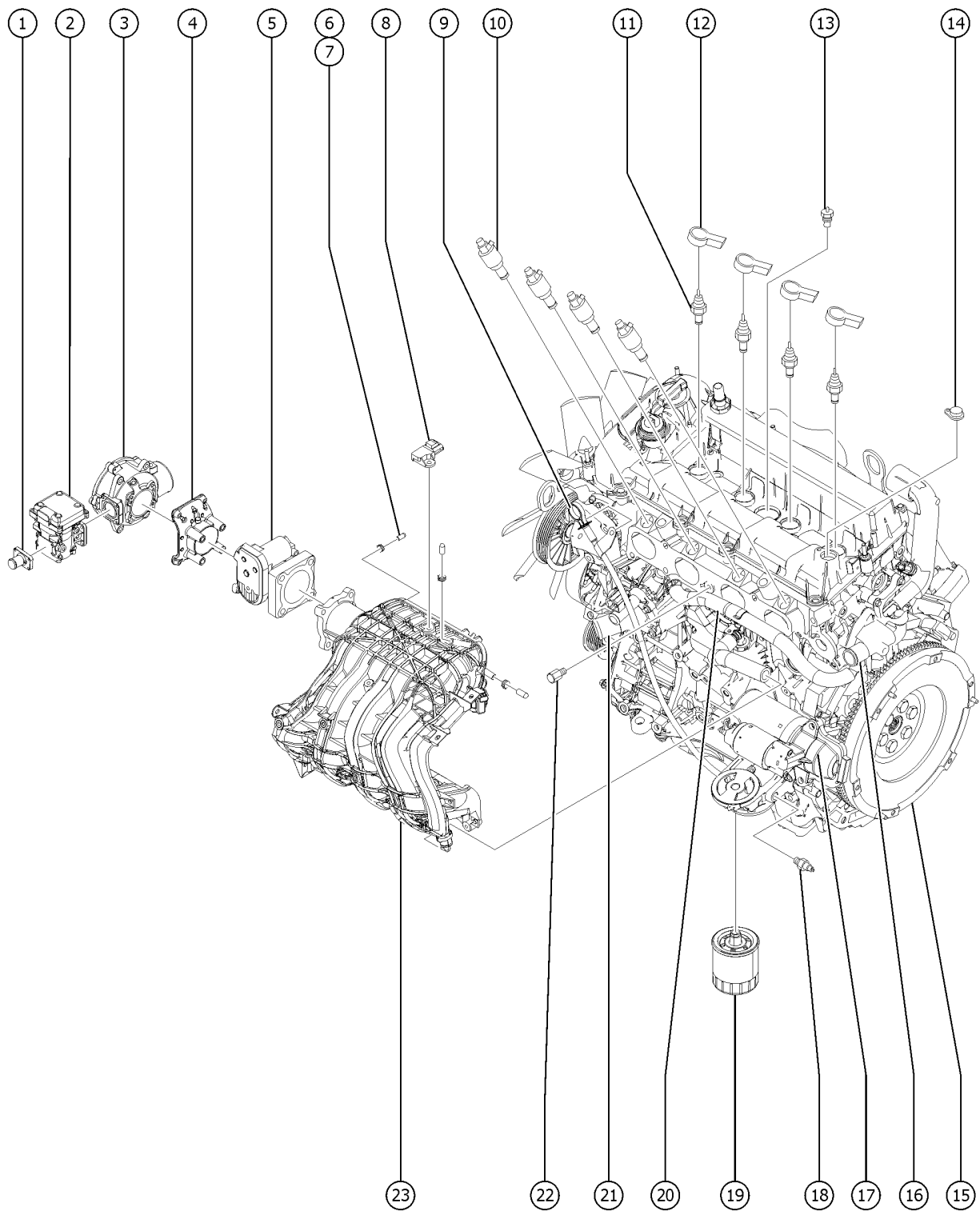
Item	Part No.	Description	Qty.
22-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
23	1267807GT	ASSEMBLY, MED. PRESS. FILTER,	1
23-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
24	236260GT	PRE-FILTER,FUEL,DEUTZ TCD3.6 (replaced 214229 for service parts)	1
24-	162207GT	FITTING,ELBOW,8GS-8FJX90S	1
24-	162209GT	FITTING,CONN,16MM-8MJ	
25	824080GT	SCREW,HHF,1/4-20X1.25,8,ZAG	5
26	824027GT	NUT,TL FLG,1/4-20,G,ZAG	9
27	824673GT	SENSOR, PRESSURE,DEUTZ 2.9	1
28	214228GT	FILTER, DEUTZ 2.9, FUEL	1
28-	162206GT	FITTING,ELBOW,6GS-6FJX90S	1
28-	162208GT	FITTING,CONN,16MM-6MJ	1
28-	1256842GT	SCREW,FHS,3/8-16X2.25,F835,ZAG	
28-	1255395GT	HOSE,FUEL,1/2,D2.9,SUPPLY,QC (from engine to filter), sold separately	
28-	1255396GT	FITTING,FUEL,1/2,D2.9,QC (from engine to filter), sold separately	
28-	1255399GT	BOLT,BANJO,DEUTZ,QC (from engine to filter), sold separately	
28-	1255400GT	WASHER,COPPER,DEUTZ,QC (from engine to filter), sold separately	
29	1257961GT	WELDMENT, FUEL FILTER BRACKET	1
30	824215GT	SCREW,PHPM,10-32X.75,ZAG	4
31	1264261GT	NUT,SERRATED,10-32,ZAG	6
32	236259GT	LIFT PUMP,FUEL,DEUTZ replaced 214691	1
33	824025GT	NUT,TL,3/8-16,C,ZAG	2
34	50974GT	BUMPER,RUBBER,COVERS	2
35	1255758GT	WASHER,FLAT,3/8,USS,ZAG	2
36	824092GT	SCREW,HHF,3/8-16X1.5,8,ZAG	2
37	45363GT	LATCH,FLEXIBLE	1
38	826516GT	SCREW, PHPM, 10-32 X 1.0, ZAG	2
39	215593GT	FORMING, ENGINE COVER LATCH	1

407.1 Deutz D2.9L4 Engine, View 5



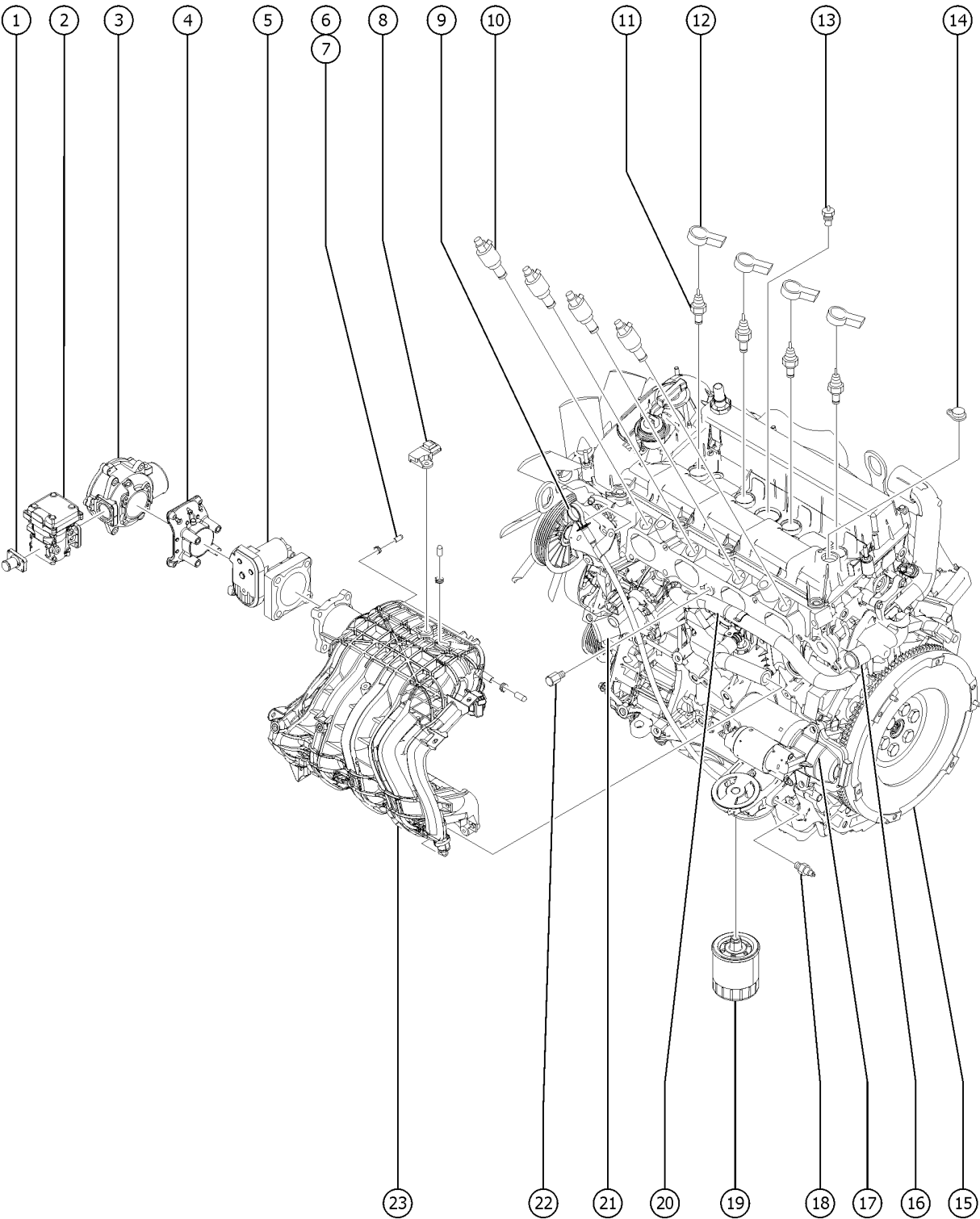
Item	Part No.	Description	Qty.
40	54432GT	LANYARD,LYNCH PIN ASSY	1
41	54244GT	BRACKET,LATCH MOUNT,RH***	1
42	27126GT	LATCH,DRAW,ADJUSTABLE	1
43	824062GT	SCREW,HHC,1/4-20X1.5,8,ZAG	2
44	824113GT	WASHER,FLAT,1/4,USS,ZAG	2
45	219991GT	SPACER,19.1 ODX13.5 IDX15.9	2
46		Ref: Engine Tray	1
		refer to 418.1	
47	1256853GT	SCREW,HHF,1/4-20X4.5,8,ZAG	1
48	219353GT	FORMING, FUEL LINE BRACKET	1
49	105214GT	CABLE TIE MOUNT, WINGED	2
50	70452GT	ISOLATOR,ENGINE VIBRATION	2
51	237189GT	FORMING, LEFT ENGINE MOUNT	1
52	822111GT	FORMING,FUEL LINE BRACKET,D2.9	1
53	45454GT	CLAMP,RUB CUSH,0.75,#12 X 3/8*	2

408.1 Ford MSG-425 EFI Engine, View 1



Item	Part No.	Description	Qty.
B	128165GT	RELAY,PWR/FUEL,FORD DSG423	
1	215285GT	FITTING, DEPR LP, MSG425 (Sold Separately) (for 215284)	1
2	215284GT	REGULATOR,LP PRESSURE,MSG425	1
2-	215286GT	FITTING, DEPR COOLANT, MSG425 (Sold Separately) (for 215284)	
3	215280GT	MIXER, MSG425	1
3-	119546GT	KIT,FITTING,REGULATOR DSG-423 for 215280	
3-	215281GT	O-RING, SMOOTH, MSG425	
3-	215282GT	O-RING, RIBBED, MSG425	
4	215283GT	ADAPTER, MIXER/THRO, MSG425	1
5	88451GT	THROTTLE ACTUATOR*(BOSCH)	1
5-	88452GT	GASKET,THROTTLE ACTUATOR***	
6	217820GT	CAP, INT. MFLD. VAC, MSG425	2
7	119568GT	CLAMP,SPRING,1/2"	3
8	119475GT	MAP SENSOR, DSG-423	1
9	215297GT	OIL INDICATOR, MSG425 dipstick	1
10	215299GT	INJECTOR, FUEL, MSG425	4
11	215287GT	SPARK PLUG, MSG425	4
12	215314GT	COIL ASSY, MSG425	4
13	215300GT	SENSOR, CYL. HEAD TEMP, MSG425	1
14	215308GT	SENSOR, CAM POS, MSG425	1
15		Ref: Flywheel refer to 410.1	1
16	215275GT	ADAPTER, WATER CONN, MSG425	1
17A	1264894GT	KIT, HD STARTER INSTALL, MSG-4	1
17B	128166GT	RELAY,STARTER,FORD DSG/MSG for 215293	1
17C	217823GT	STARTER PLUG SEAL, MSG425 for 215293	1
18	215301GT	SWITCH, OIL PRES, MSG425	1
19	119139GT	OIL FILTER,DSG-423	1
20	215302GT	HOSE, COOLANT BYPASS, MSG425	1

408.1 Ford MSG-425 EFI Engine, View 1

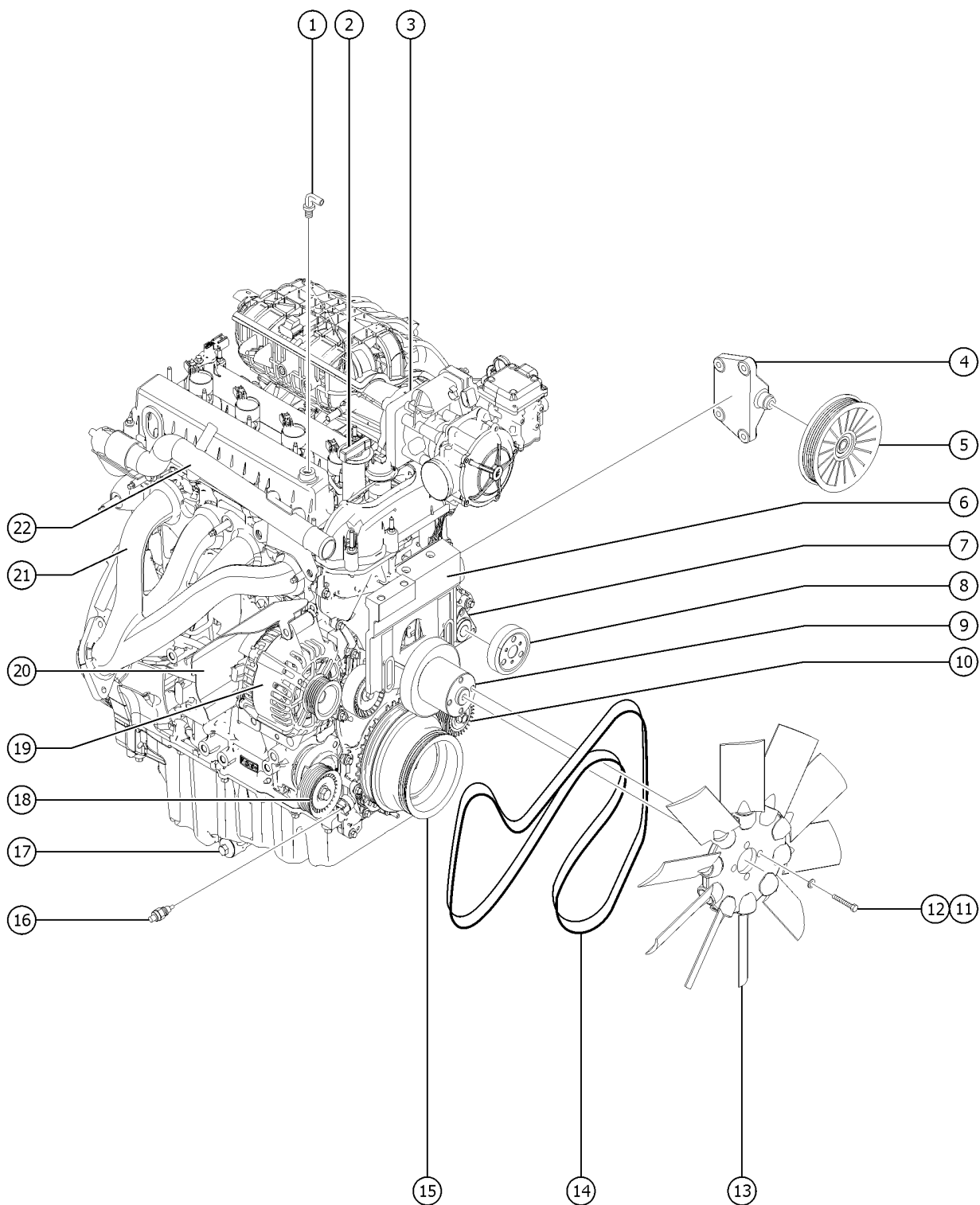


408.1 Ford MSG-425 EFI Engine, View 1

Item	Part No.	Description	Qty.
21	215310GT	THERMOSTAT W/HOUSING, MSG425	1
22	215309GT	SENSOR, KNOCK, MSG425	1
23	215305GT	INTAKE MANIFOLD, MSG425	1

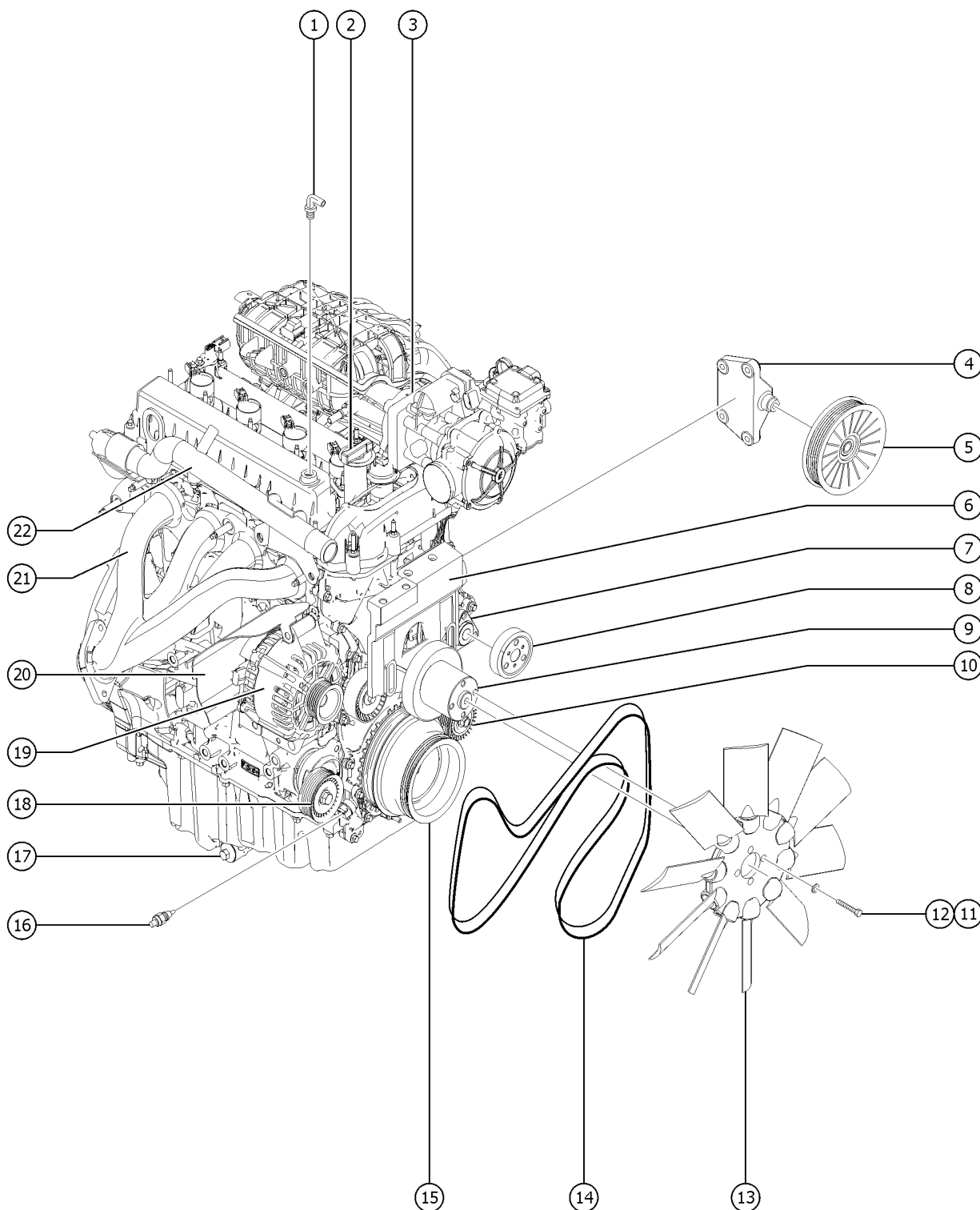


409.1 Ford MSG-425 EFI Engine, View 2



Item	Part No.	Description	Qty.
1	119474GT	VALVE,PCV FORD DSG-423	1
1-	75631GT	HOSE,AIR 3/8	
2	58632GT	CAP,OIL FILLER,FORD DSG 423	1
3	215279GT	PLATE, INT. MFLD ADAP, MSG425	1
4	119477GT	IDLER BRACKET	1
5	215298GT	UPPER IDLER PULLEY, MSG425	1
6	1283575GT	KIT,FAN SUPPORT RETRO,FORD MSG For first time replacement	1
6-	1283571GT	BRACKET,FAN,FORD MSG included in kit 1283575GT	1
6-	1283572GT	BRACKET,IDLER,FORD MSG included in kit 1283575GT	1
6-	1283573GT	BOLT, BRACKET, SUPPORT,FORD MSG included in kit 1283575GT	2
6-	1283574GT	SCREW,HHC,M8X1.25.80 included in kit 1283575GT	1
7	215288GT	WATER PUMP, MSG425	1
8	215289GT	WATER PUMP PULLEY, MSG425	1
9	215271GT	FAN PULLEY, MSG425	1
9-	215270GT	FAN SPACER, MSG425	
10	215313GT	LOWER IDLER PULLEY, MSG425	1
11	6145GT	SCREW,HHC,1/4-20 X 1.5	4
12	49408GT	WASHER,LOCK,M8	4
13	215269GT	FAN, MSG425	1
14	215291GT	BELT, FEAD, MSG425 serpentine belt	1
14-	215274GT	FAN DRIVE BELT, MSG425 fan belt (not shown)	
15	215273GT	CRANK PULLEY, EXT, MSG425	1
16	215307GT	SENSOR, CRANK POS, MSG425	1
17	215311GT	PLUG, OIL DRAIN, MSG425	1
18	215290GT	PULLEY/TENSIONER, MSG425	1
19	119140GT	ALTERNATOR,FORD DSG423,MSG425	1
19-	217824GT	CHARGE WIRE, MSG425	
20	227309GT	HEAT SHIELD,ALTERNATOR,FORD	1

409.1 Ford MSG-425 EFI Engine, View 2

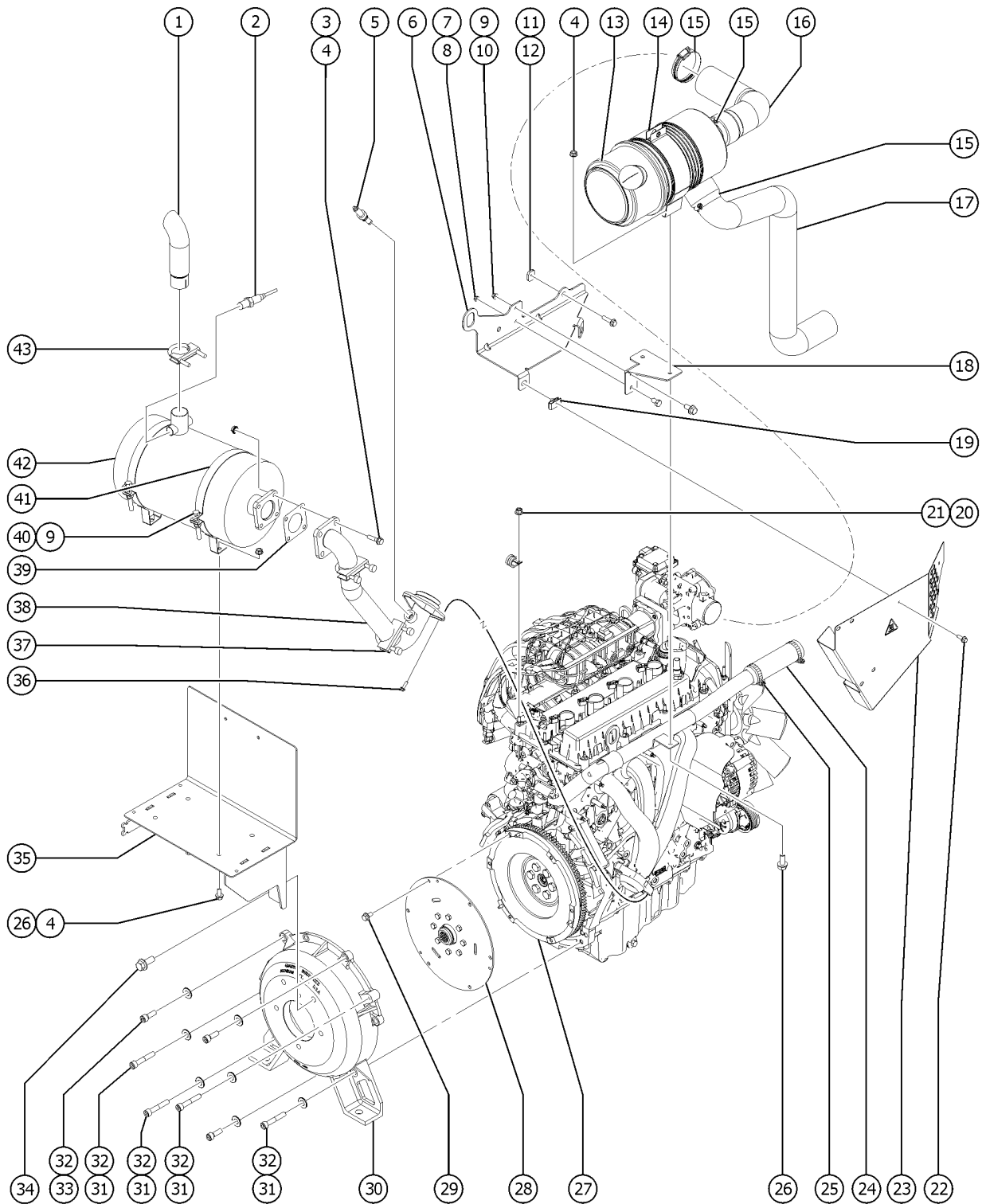


409.1 Ford MSG-425 EFI Engine, View 2

Item	Part No.	Description	Qty.
21	215276GT	EXHAUST MANIFOLD, MSG425	1
21-	215277GT	GASKET, MSG425	
21-	217822GT	NUT, EXH. MANIFOLD, MSG425	
22	236373GT	PIPE,COOLANT RETURN, MSG425	1

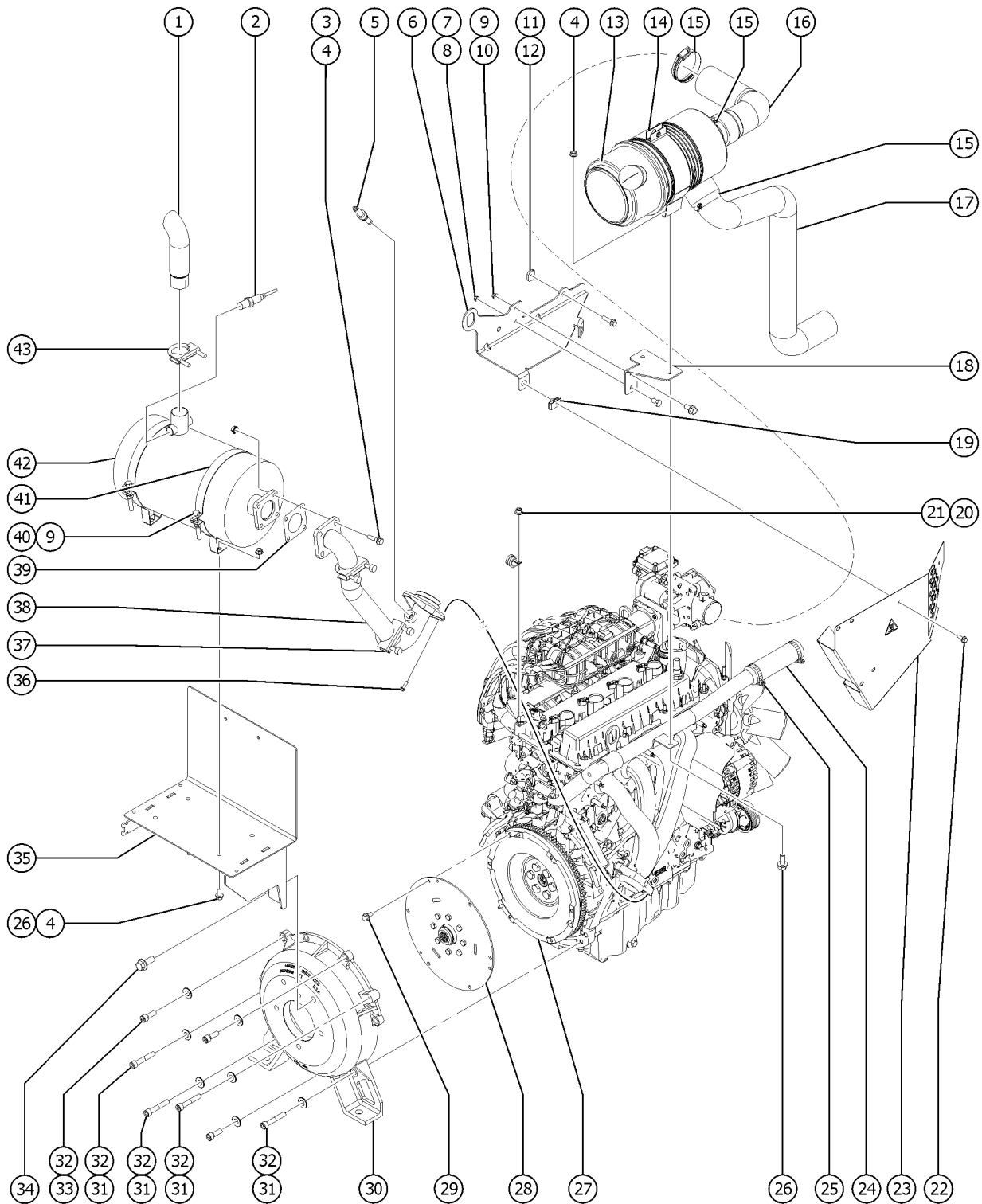


410.1 Ford MSG-425 EFI Engine, View 3



Item	Part No.	Description	Qty.
1	128020GT	TAILPIPE,Z45,FORD DSG423	1
2	139610GT	SENSOR,AIR,CAT MONITOR	1
3	824087GT	SCREW,HHF,5/16-18X1.25,8,ZAG	4
4	1255805GT	NUT,SERRATED,5/16-18,8,ZAG	10
5	215320GT	SENSOR, O2, MSG425	1
6	218668GT	FORMING, HEAT SHIELD MOUNT	1
7	7713GT	NUT,LP NYLOCK,3/8-16	1
8	33681GT	SCREW,HHC,3/8-16 X .625	1
9	824029GT	NUT,TL FLG,3/8-16,G,ZAG	3
10	824089GT	SCREW,HHF,3/8-16X.75,8,ZAG	1
11	215776GT	SPACER, AIR CLEANER, MSG425	1
12	232871GT	SCREW,HHF,M10-1.5X40,DIN6921,1	1
13	111634GT	AIR CLEANER,FORD,T3	1
13-	227988GT	VACUATOR VALVE	
13-	58247GT	AIR CLEANER CAP/ FORD/NOLFF***	
13-	1277991GT	CLIP,AIR CLEANER COVER (58247) for 58247	
13-	77295GT	FILTER ELEMENT,AIR,NOLFF LPG	
13-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
14	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
15	45435GT	CLAMP,HOSE,2.50"	3
16	237146GT	HOSE, CLEAN AIR, MSG425	1
17	235659GT	HOSE, RAW AIR, MSG425	1
18	216367GT	REF. FORMING,AIR CLEANER MOUNT	1
19	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	2
20	231513GT	NUT,TL FLG,M6-1.0,DIN6927,10,Z	2
21	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	2
22	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
23	160541GT	WDMT, HEAT SHIELD, MSG425	1

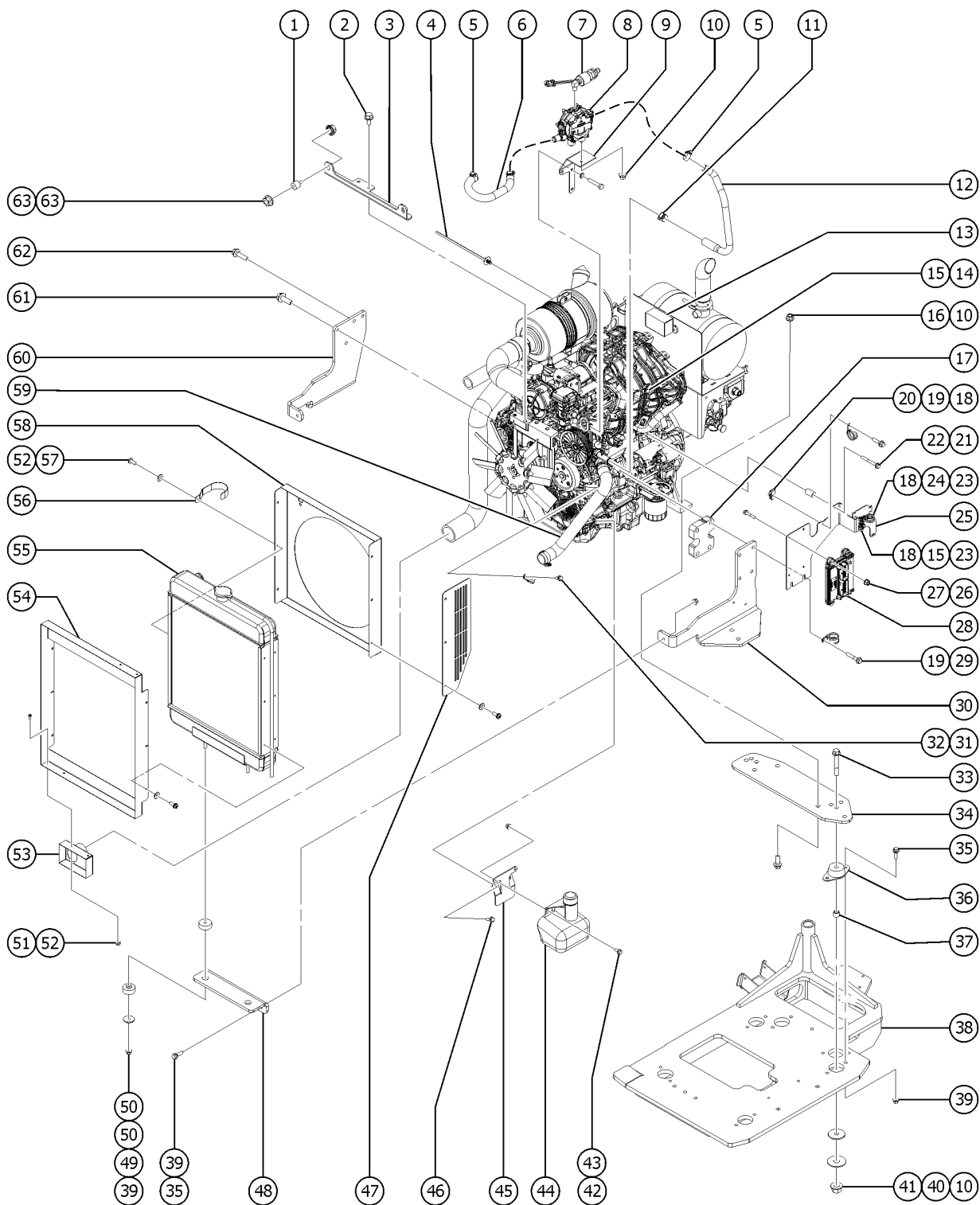
410.1 Ford MSG-425 EFI Engine, View 3



410.1 Ford MSG-425 EFI Engine, View 3

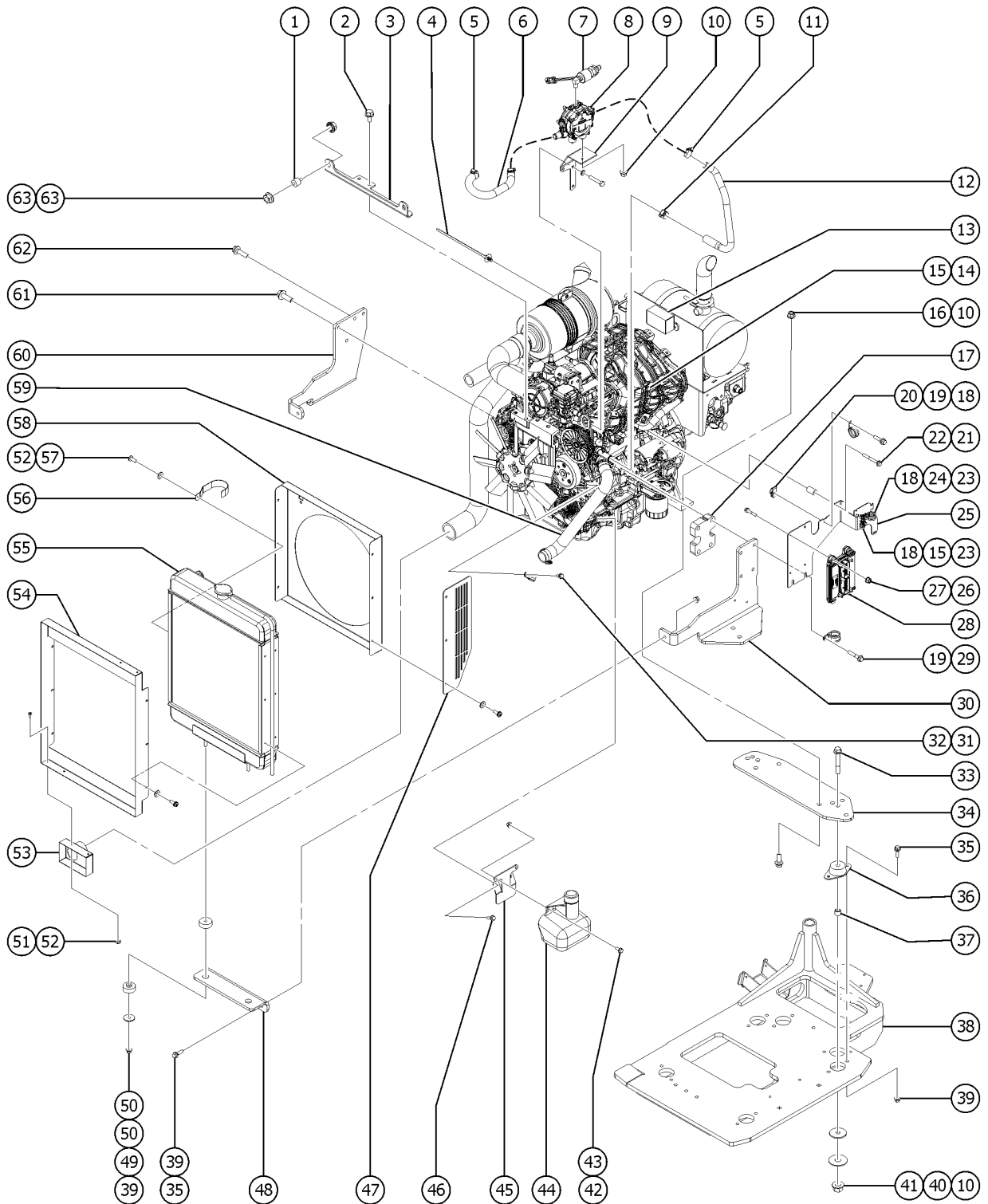
Item	Part No.	Description	Qty.
24	236338GT	HOSE, UPPER RADIATOR, MSG425	1
25	119053GT	CLAMP,HOSE,1.50	2
26	824085GT	SCREW,HHF,5/16-18X.75,8,ZAG	6
27	215278GT	FLYWHEEL ASSY, MSG425	1
28	214446GT	COUPLER,15T,FBA,SAE 8,MSG425	1
29	1251983GT	SCREW,HHF,M8-1.25X16,DIN6921,10.9,ZAB	6
30	119052GT	PUMP MOUNT,FORD DSG423	1
31	1257481GT	SCREW,SHC,M10-1.5X60,DIN912,12.9,ZAB	4
32	824145GT	WASHER, FLAT, DIN125, M10, ZAB	7
33	1255666GT	SCREW,SHC,M10-1.50X30,DIN912,12.9,ZAB	3
34	1255469GT	SCREW,HHF,1/2-13X1.25,8,ZAG	2
35	160540GT	WELDMENT,CAT MOUNT,MSG425	1
36	231533GT	SCREW,HHF,M10-1.5X35,DIN6921,10.9,ZAB	2
37	102121GT	CLAMP,MUFFLER,1-7/8 IN.	2
38	218576GT	WDMT,HEADER PIPE,MSG425	1
39	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	1
40	1256848GT	SCREW,HHC,3/8-16X2.75,8,ZAG	2
41	119051GT	MOUNTING BAND,MUFFLER,8.0"	2
42	215528GT	WDMT, CAT. MUFFLER, MSG425	1
43	102121GT	CLAMP,MUFFLER,1-7/8 IN.	1

411.1 Ford MSG-425 EFI Engine, View 4



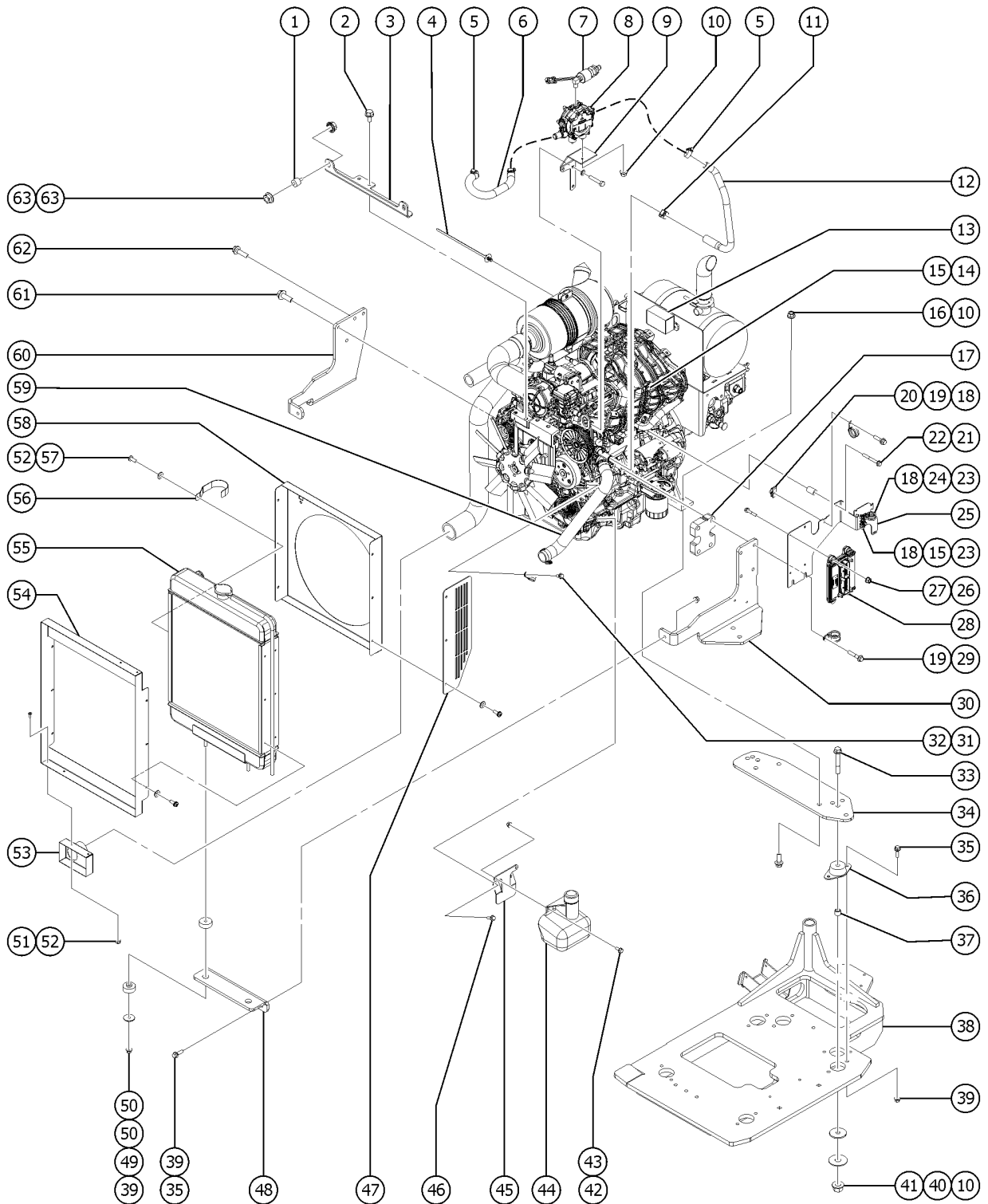
Item	Part No.	Description	Qty.
1	219437GT	ISOLATOR,VIBRATION	2
2	1251983GT	SCREW,HHF,M8-1.25X16,DIN6921,10.9,ZAB	2
3	237780GT	FORMING, RAD SUPPORT, MSG425	1
4	110149GT	CABLE TIE,DFT MOUNT,BLK,6.5"	3
5	46131GT	CLAMP,HOSE,.63	3
6	102119GT	HOSE,3/4,LP	1
7	119232GT	LOCKOFF,LP,FORD DSG/MSG	1
8	215316GT	REGULATOR, LP, MSG425	1
8-	219477GT	ISOLATOR, DEPR	
9	236423GT	FORMING, LP REG MOUNT, MSG425	1
10	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	6
11	30348GT	CLAMP,HOSE,1.00	1
12	236340GT	HOSE, COOLANT, VAP, MSG425	1
13A	237856GT	FUSE BOX COVER	1
13B	237857GT	FUSE BOX RELAY STICKER not included with 237856 order seperately	1
14	237238GT	SCREW,HHF,M6-1.0X12,DIN6921,10	1
15	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	3
16	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	2
17	110477GT	PLATE,ENGINE SUPPORT SPACER	1
18	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	3
19	77180GT	CLAMP,1.31,#21 X 3/8,RUB CUSH	3
20	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
21	230836GT	SCREW,HHF,M8-1.25X70,DIN6921,8	1
22	822855GT	SPACER,.75 X .38 X 1.21 LG	1
23	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
24	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
25	1287236GT	BRACKET ASSY, ECU MOUNT, FORD	1
26	824027GT	NUT,TL FLG,1/4-20,G,ZAG	4

411.1 Ford MSG-425 EFI Engine, View 4



Item	Part No.	Description	Qty.
27	824081GT	SCREW,HHF,1/4-20X1.5,8,ZAG	4
28	215317GT	CONTROL MODULE, MSG425 original ECM; component no longer available limited inventory on hand	1
28B	1294827GT	CONTROL MODULE, MSG425 replacement ECM	1
29	1257486GT	SCREW,HHF,M10-1.5X55,DIN6921,1	4
30	236420GT	ENGINE MOUNT, LEFT, MSG425	1
31	824132GT	SCREW,HHF,M8-1.25X20,DIN6921,10.9,ZAB	2
32	45454GT	CLAMP,RUB CUSH,0.75,#12 X 3/8*	1
33	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	4
34	236422GT	ENGINE MOUNT, REAR, MSG425	1
35	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	10
36	70452GT	ISOLATOR,ENGINE VIBRATION	4
37	219991GT	SPACER,19.1 ODX13.5 IDX15.9	4
38		REF: ENGINE TRAY	
		Refer to 418.1	
39	824029GT	NUT,TL FLG,3/8-16,G,ZAG	12
40	1256283GT	WASHER,FLAT,.5X2.25X.188,ZAG	4
41	101729GT	WASHER,VIBRATION ISOLATING	4
42	824085GT	SCREW,HHF,5/16-18X.75,8,ZAG	2
43	824028GT	NUT,TL FLG,5/16-18,G,ZAG	2
44	42662GT	COOLANT RECOVERY BOTTLE1.5 QT*	1
45	217562GT	FORMING,COOLANT BOTTLE MT.	1
46	824133GT	SCREW,HHF,M8-1.25X25,DIN6921,10.9,ZAB	2
47	110932GT	PLATE,FAN GUARD	1
48	110417PGT	FORMING,RADIATOR SUPPORT,PNTD	1
49	824120GT	WASHER,FLAT,.375X1.50X.125,ZAG	2
50	24038GT	SHOCK MOUNT,SMALL	4
51	5365GT	NUT,NYLOCK,10-24	2
52	1256479GT	SCREW,PHPM,10-24X.50,ZAG	14
53	219181GT	WELDMENT, INTAKE BOX	1

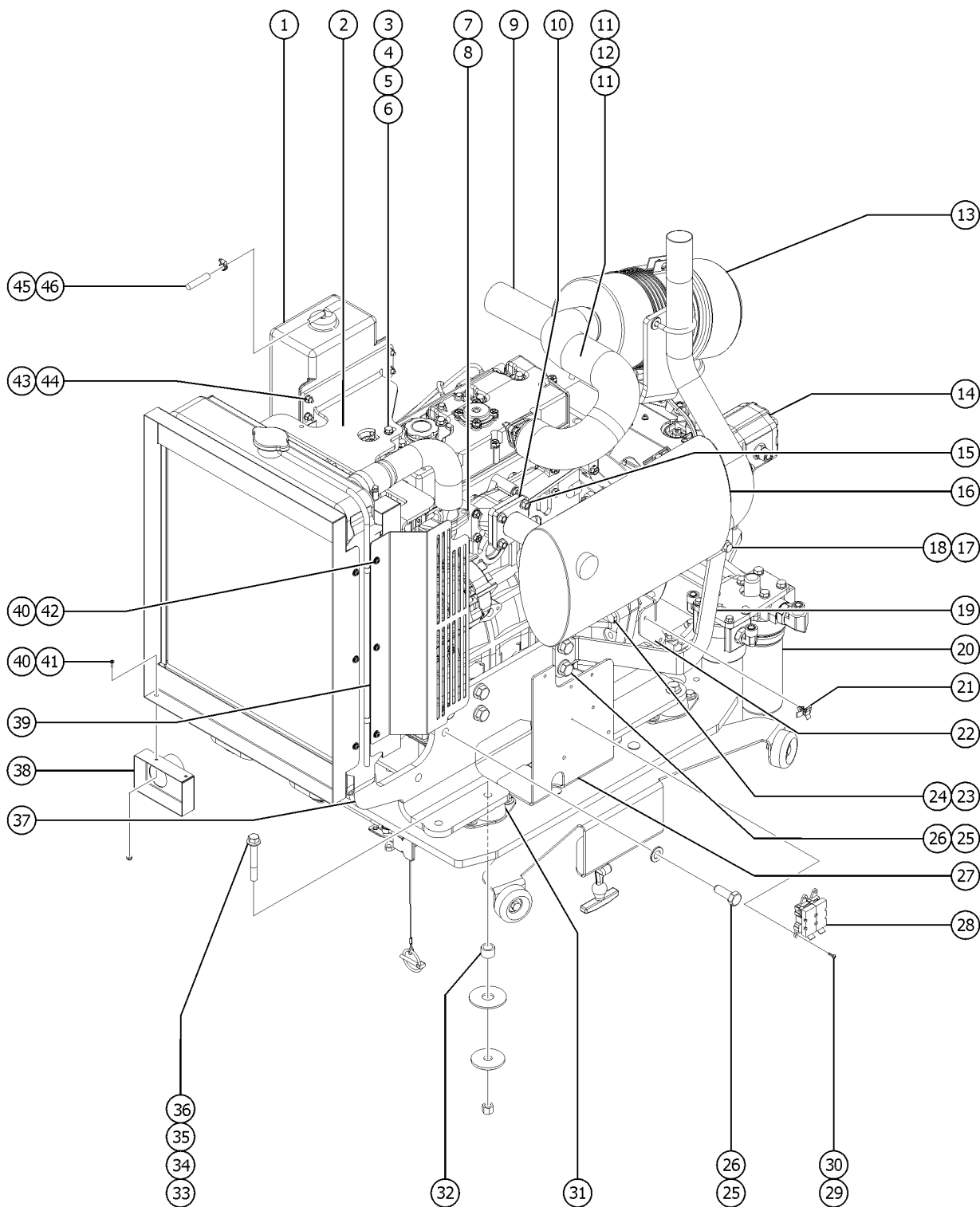
411.1 Ford MSG-425 EFI Engine, View 4



411.1 Ford MSG-425 EFI Engine, View 4

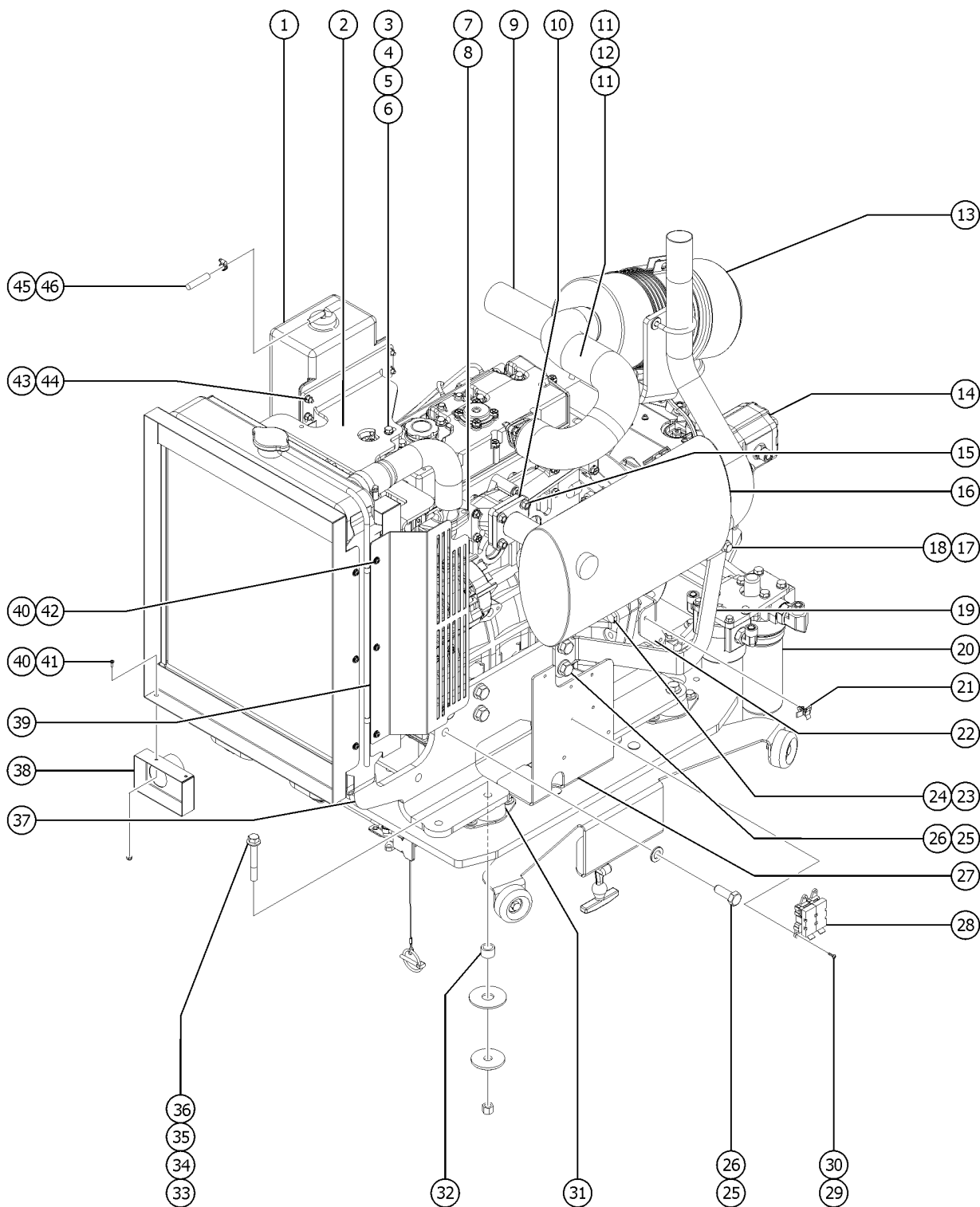
Item	Part No.	Description	Qty.
54	235660GT	FORMING,RADIATOR SHROUD	1
54-	219992GT	TRIM, SEAL, RADIATOR SHROUD	
55A	110406GT	RADIATOR,FORD DSG423 & MSG425	1
55B	65473GT	CAP,RADIATOR,PERKINS/FORD	
56	237385GT	HOSE HANGER, MSG425	2
57	1253185GT	WASHER,FLAT,#10,USS,ZAG	12
58	236364GT	FAN SHROUD, MSG425	1
59	236339GT	HOSE, LOWER RADIATOR, MSG425	1
59-	36208GT	CLAMP,HOSE,1.25***	
60	236421GT	ENGINE MOUNT, RIGHT, MSG425	1
61	232874GT	SCREW, HHF, M10-1.5X30,DIN6921	3
62	232871GT	SCREW,HHF,M10-1.5X40,DIN6921,1	1
63	1255805GT	NUT,SERRATED,5/16-18,8,ZAG	4

412.1 Perkins 404D-22 Engine, View 1



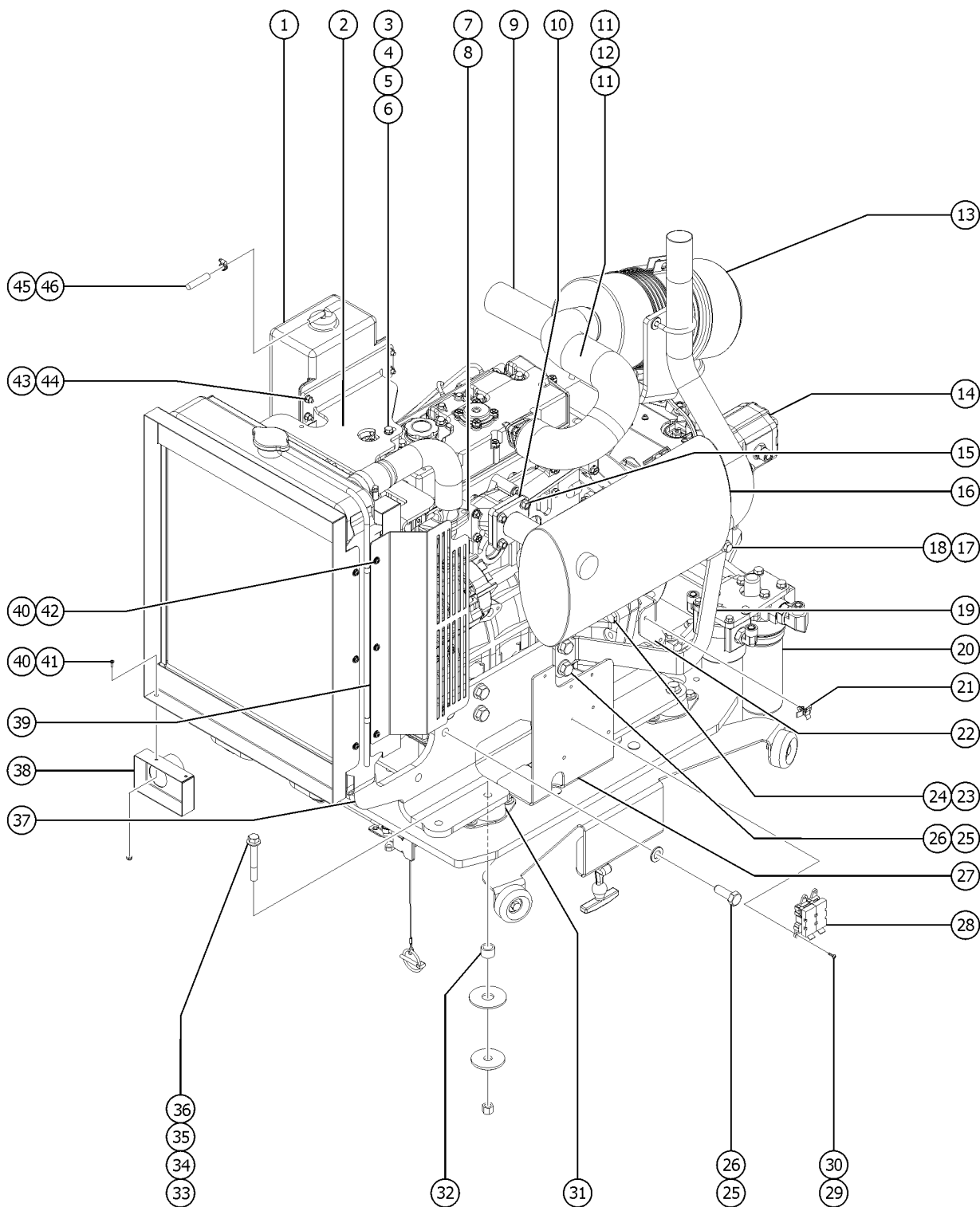
Item	Part No.	Description	Qty.
A		Verify Engine Make and Model Before Ordering	
B	128831GT	ENGINE,PERKINS,DIESEL 404D-22	
1	70367GT	BOTTLE,COOLANT RECOVERY,3.7***	1
1-	115431GT	CAP ASSY, COOLANT BOTTLE	
		for 70367	
1-	106226-1600GT	TUBING, VINYL, 1/2" CLEAR,16"	
1-	65887GT	CLAMP,HOSE,1 EAR,1/2	
2	88989PGT	FORMING,UPPER RAD SUPPORT PNTD	1
3	824135GT	SCREW,HHC,M8-1.25X20,DIN933,10	1
4	824141GT	WASHER,LOCK,M8,ZAB	1
5	824144GT	WASHER,FLAT,M8,DIN125,ZAB	1
6	60585GT	ISOLATOR,VIBRATION,M8 MALE/FEM	1
7	77476GT	HOUSING,THERMOSTAT,PERKINS 104	1
7-	128986GT	WATER OUTLET, VERTICAL	
8	77478GT	THERMOSTAT (PERKINS 104-22)	1
8-	128991GT	THERMOSTAT	1
8-	147355GT	GASKET-THERMOSTAT HSG	1
		for 128991	
9	217525GT	HOSE, PERKINS INTAKE	1
10	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	1
11	45435GT	CLAMP,HOSE,2.50"	3
12	94927GT	HOSE,AIR INTAKE,PERKINS***	1
12-	54551GT	BUSHING,INTAKE HOSE,PERKINS	1
13		Ref: Air Cleaner	
		refer to 413.1	
14		Ref: ASSEMBLY,PUMP	
		refer to 705.1	
15	237832GT	NUT,TL,FLG,M8-1.25,DIN6927,10,	4
16	218752GT	MUFFLER,PERKINS 404-22DSL	1
		(standard)	
16-	218753GT	MUFFLER,CAT/SPARK,PERKINS	
		(option) (muffler with spark arrest)	
17	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	3
18	824029GT	NUT,TL FLG,3/8-16,G,ZAG	1

412.1 Perkins 404D-22 Engine, View 1



Item	Part No.	Description	Qty.
19	229697GT	BRACKET, PERKINS MUFFLER	1
20		Ref: Filter Assy	
		refer to 418.1	
21	105214GT	CABLE TIE MOUNT, WINGED	1
22	217227GT	FORMING,BATTERY CABLE MT.	1
23	1257837GT	SCREW,HHC,M10-1.5X65,DIN931,10.9,ZAB	2
24	231529GT	NUT,TL FLG,M10-1.5,DIN6927,10,	2
25	1257705GT	SCREW,HHC,M14-1.5X35,DIN961,10	10
26	1257810GT	WASHER,FLAT,M14,DIN6916,HRD,ZA	10
27	217226GT	FORMING, ELECTRICAL PANEL	1
28	218221GT	ASSY,FUSE BLOCK,LMI,1 POLE	1
29	1253490GT	SCREW,PHPM,8-32 X .75,ZAG	2
30	1263070GT	NUT,SERRATED,8-32,ZAG	2
31	70452GT	ISOLATOR,ENGINE VIBRATION	4
32	219991GT	SPACER,19.1 ODX13.5 IDX15.9	4
33	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	4
34	101729GT	WASHER,VIBRATION ISOLATING	4
35	1256283GT	WASHER,FLAT,.5X2.25X.188,ZAG	4
36	1256106GT	NUT,TL,1/2-13,C,ZAG	4
37	161611GT	FORMING, ENGINE MOUNT, PERKINS	1
38	219181GT	WELDMENT, INTAKE BOX	1
38-	35434GT	CLAMP,HOSE,2.00***	1
39	229691GT	GUARD,FAN,PERKINS	1
40	1256479GT	SCREW,PHPM,10-24X.50,ZAG	8
41	5365GT	NUT,NYLOCK,10-24	2
42	1253185GT	WASHER,FLAT,#10,USS,ZAG	6
43	824027GT	NUT,TL FLG,1/4-20,G,ZAG	4
44	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	4
45	106226GT	TUBING,VINYL,1/2" CLEAR	1

412.1 Perkins 404D-22 Engine, View 1

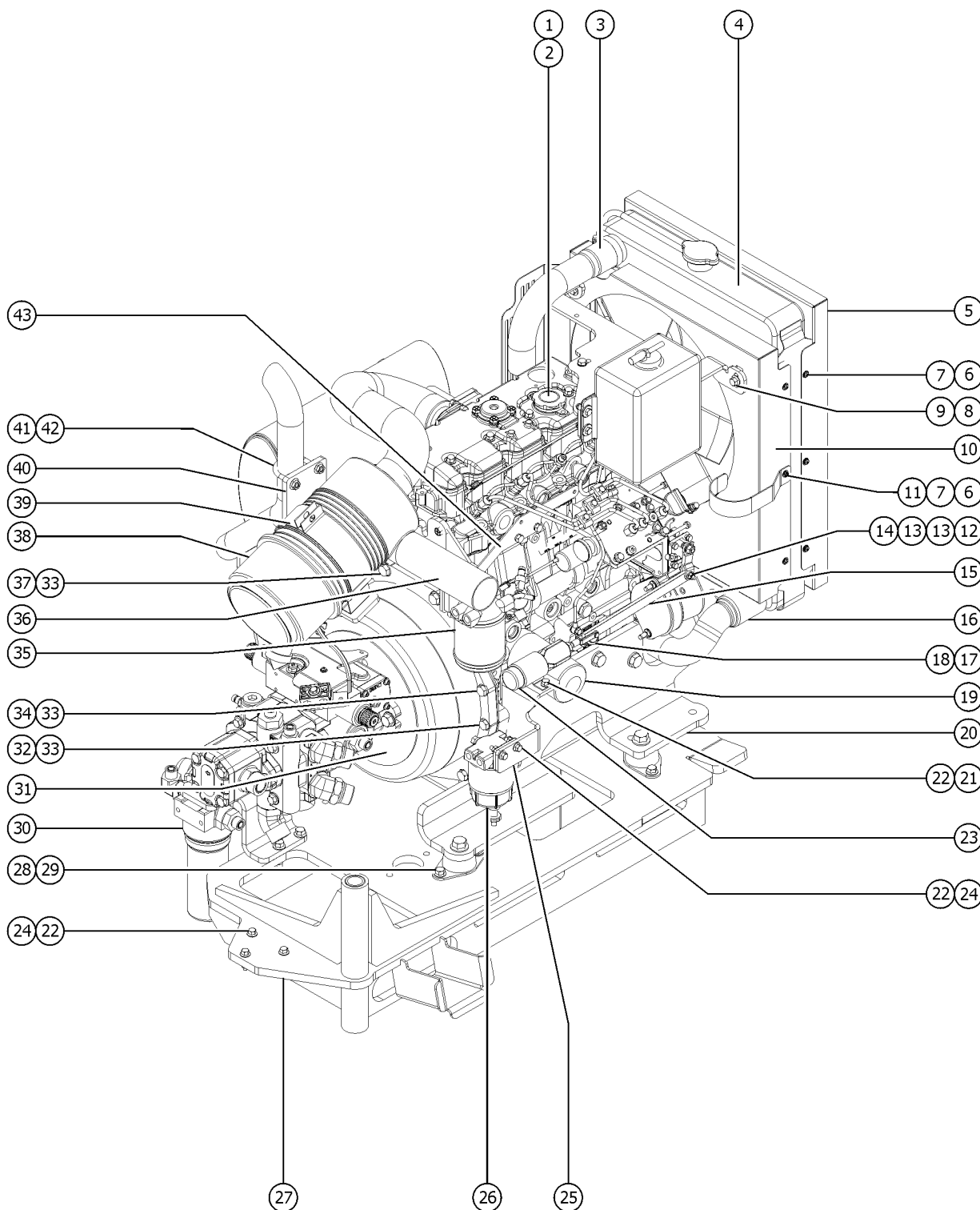


412.1 Perkins 404D-22 Engine, View 1

Item	Part No.	Description	Qty.
46	21465GT	CLAMP,HOSE,SIZE .25 TO .63	1

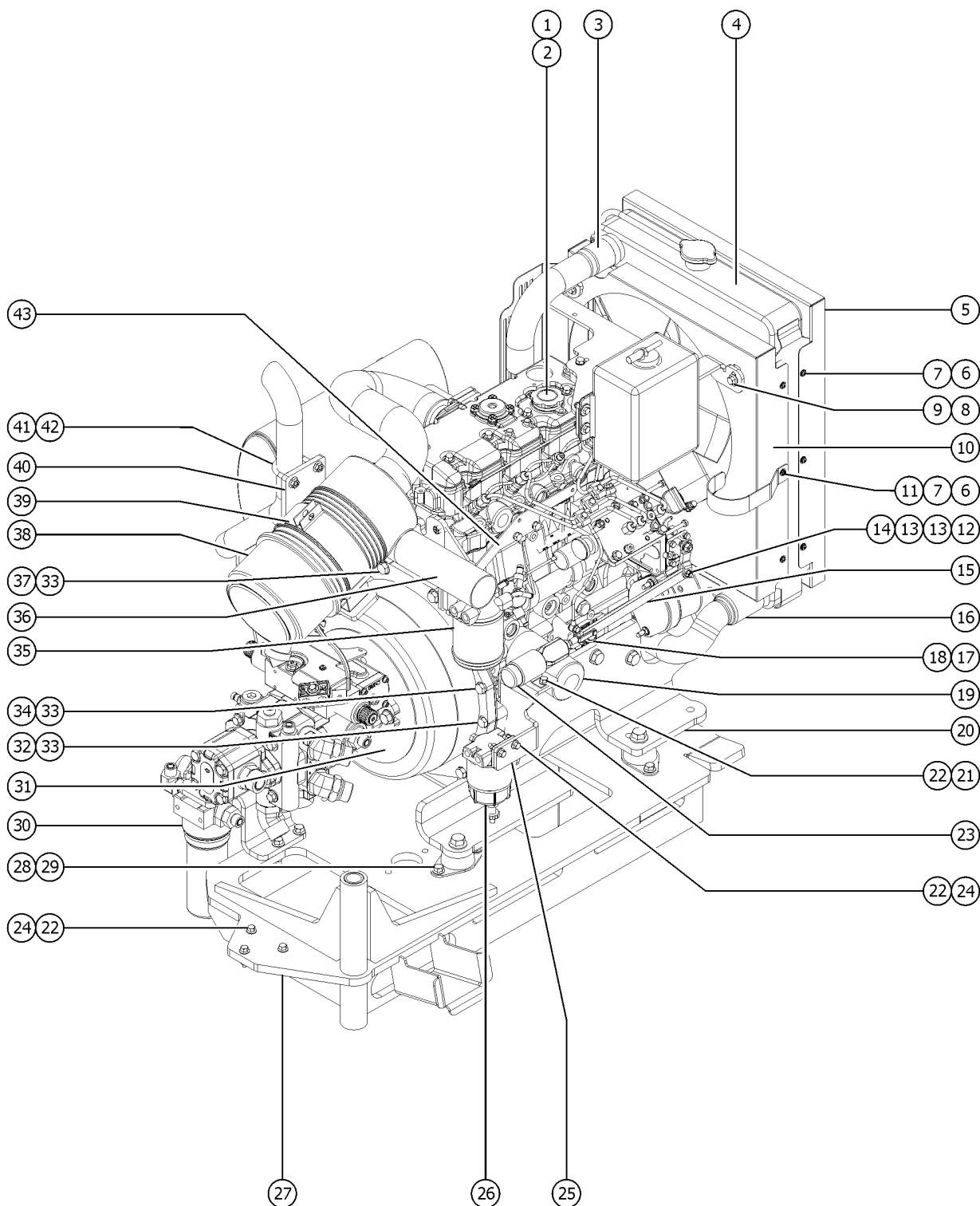


413.1 Perkins 404D-22 Engine, View 2



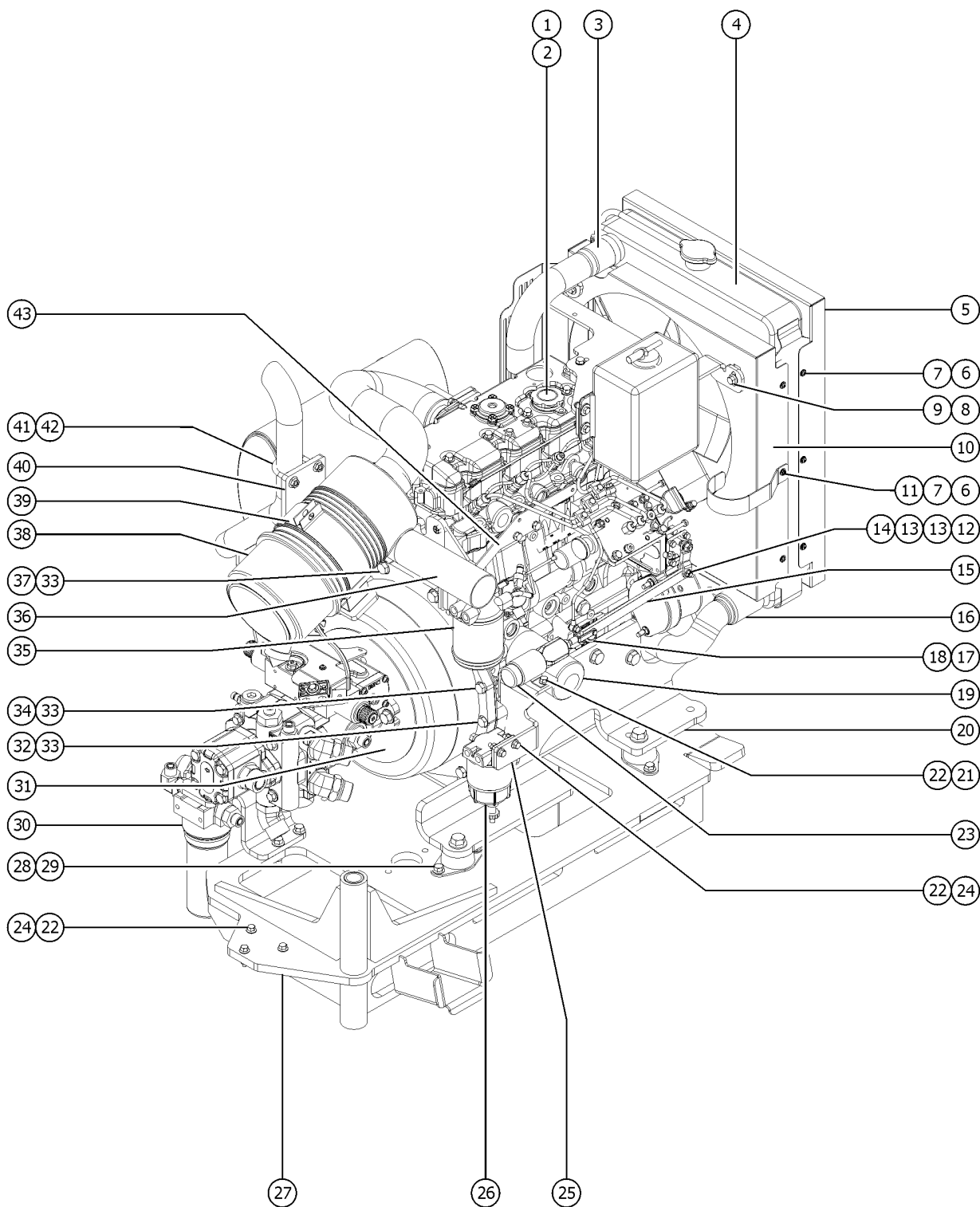
Item	Part No.	Description	Qty.
A		Verify Engine Make and Model Before Ordering	
1	65636GT	CAP, OIL FILLER	1
2	65638GT	SEAL, OIL FILLER CAP	1
3	54578GT	HOSE,UPPER RADIATOR,PERKINS	1
3-	119053GT	CLAMP,HOSE,1.50	
4	110304GT	RADIATOR,FORD/PERKINS***	1
4-	24038GT	SHOCK MOUNT,SMALL	
4-	65473GT	CAP,RADIATOR,PERKINS/FORD	
4-	77482GT	PULLEY, WATER PUMP	
4-	94886GT	FAN SPACER	
4-	824120GT	WASHER,FLAT, .375X1.50X.125,ZAG	2
5	235660GT	FORMING,RADIATOR SHROUD	1
6	1256479GT	SCREW,PHPM,10-24X.50,ZAG	6
7	1253185GT	WASHER,FLAT,#10,USS,ZAG	6
8	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
9	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	4
10	88990PGT	SHROUD,FAN PAINTED	1
11	237385GT	HOSE HANGER, MSG425	2
12	1257076GT	BOLT,SHS,1/4-28X4,ZAG	1
13	825355GT	WASHER,FLAT,M6,DIN125,ZAB	2
14	6178GT	NUT, NYLOCK, 10-32	1
15	89953GT	FLATBAR,ALUM,THROTTLE LINKAGE	1
16	54579GT	HOSE,LOWER,RADIATOR,PERKINS	1
16-	22672GT	CLAMP,HOSE,1.75	
16-	6653GT	CLAMP,1.88,#30 X 1/4,RUB CUSH	
16-	39518GT	CLAMP,2.00,#32 X 3/8,RUB CUSH	
17	128984GT	DIPSTICK, STRAIGHT SHORT	1
18	128985GT	DIPSTICK TUBE, STRAIGHT SHORT	1

413.1 Perkins 404D-22 Engine, View 2



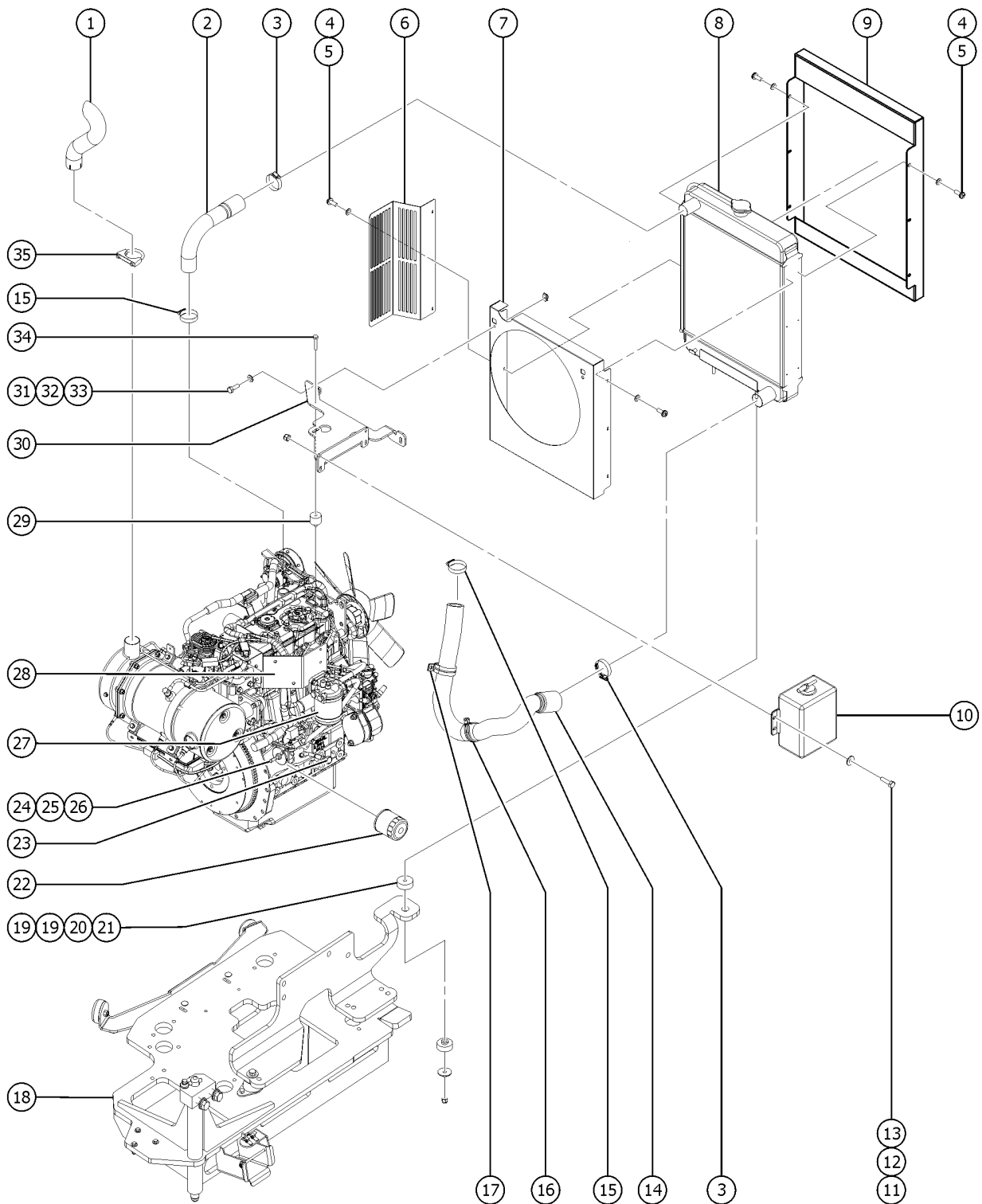
Item	Part No.	Description	Qty.
19	94762GT	OIL FILTER - PERKINS	1
20	88988PGT	FORMING,ENGINE MOUNT RH PAINTE	1
21	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
22	824027GT	NUT,TL FLG,1/4-20,G,ZAG	7
23	77402GT	SOLENOID,THROTTLE ACTUATOR DSL	1
23-	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
23-	824041GT	NUT, 1/4-28, 8, ZAG	
24	824080GT	SCREW,HHF,1/4-20X1.25,8,ZAG	5
25	128588GT	FORMING,SOLENOID MOUNT	1
26	147826GT	SEPRTR/FLTR,FUEL DSL,15GPH,.30	2
26-	62433GT	FILTER,ELEMENT,30 MIC,75020	
27	217491GT	ASSEMBLY,ENGINE TRAY	
27-	215593GT	FORMING, ENGINE COVER LATCH	
27-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
27-	27126GT	LATCH,DRAW,ADJUSTABLE	
27-	40658GT	WASHER,FLAT,RETAINING,.510	
27-	45363GT	LATCH,FLEXIBLE	
27-	50974GT	BUMPER,RUBBER,COVERS	
27-	54244GT	BRACKET,LATCH MOUNT,RH***	
27-	54432GT	LANYARD,LYNCH PIN ASSY	
27-	5365GT	NUT,NYLOCK,10-24	
27-	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
28	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	10
29	824029GT	NUT,TL FLG,3/8-16,G,ZAG	8
30		Ref. FILTER ASSY	
		(refer to 418.1)	
31	89771GT	HOUSING,PUMP MOUNT (54573)	1
31-	128003GT	COUPLER,15 TOOTH,FBA,PERKINS**	1
31-	1257704GT	SCREW,HHC,M8-1.25X12,DIN933,10	6

413.1 Perkins 404D-22 Engine, View 2



Item	Part No.	Description	Qty.
32	1257837GT	SCREW,HHC,M10-1.5X65,DIN931,10.9,ZAB	2
33	231529GT	NUT,TL FLG,M10-1.5,DIN6927,10,	7
34	1257776GT	SCREW,HHC,M10-1.5X35,DIN933,10	5
35	94889GT	FUEL FILTER ASSEMBLY	1
35-	62421GT	FILTER,FUEL,PERKINS	
36	217525GT	HOSE, PERKINS INTAKE	1
37	1257707GT	SCREW,HHC,M10-1.5X50,DIN931,10	2
38	63463GT	AIR CLEANER,NELSON*** plastic housing	1
38-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
38-	62420GT	FILTER,AIR***	
38-	65810GT	BAFFLE, AIR CLEANER (27915)**	
38-	52866GT	EVACUATOR VALVE-AIR CLEANER	
39	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
39-	1264101GT	SCREW,HHC,5/16-18X1,8,ZAG	2
39-	824028GT	NUT,TL FLG,5/16-18,G,ZAG	2
40	229698GT	FORMING, AIR CLEANER MOUNT	1
40-	824133GT	SCREW,HHF,M8-1.25X25,DIN6921,10.9,ZAB	2
40-	25929GT	SCREW,HHC,M8 X 30MM,GRD 8.8	1
41	80391GT	U-BOLT,5/16 -18 X 2IN**	1
42	824028GT	NUT,TL FLG,5/16-18,G,ZAG	2
43	217228GT	BRACKET,RIGHT HARNESS MT.	1
43-	1257704GT	SCREW,HHC,M8-1.25X12,DIN933,10	2
43-	824141GT	WASHER,LOCK,M8,ZAB	2

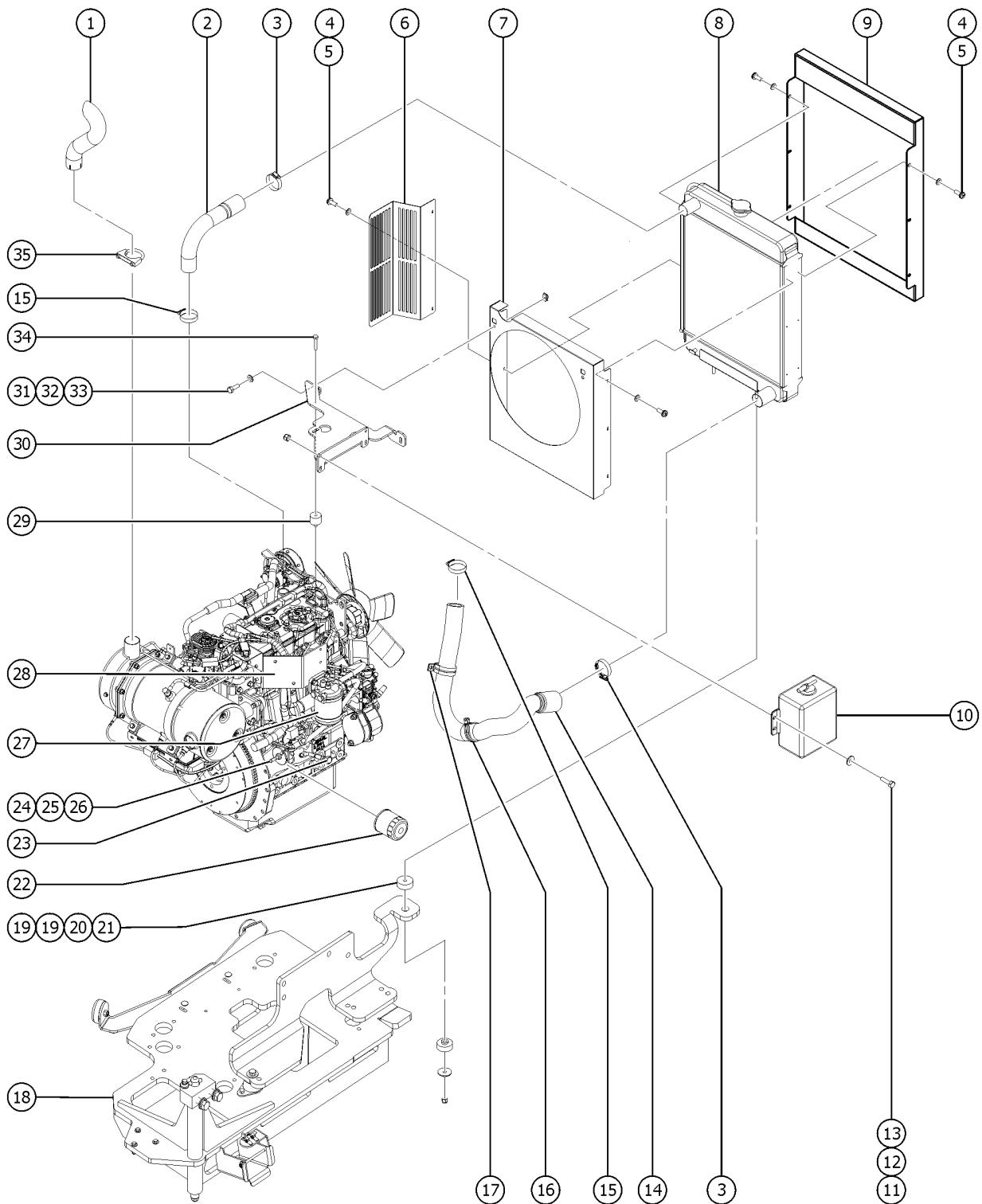
414.1 Perkins 404F-22 Engine, View 1



414.1 Perkins 404F-22 Engine, View 1

Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine dealer	
B	214335GT	ENGINE,PERKINS,DIESEL,404F-22	
C	1257825GT	HARDWARE KIT,PERKINS 404F BELL	
D	1280402GT	ECU,PERKINS,DIESEL,404-F22 ENGINE	
		provide engine serial number when ordering	
1	217688GT	TAILPIPE, Z45 PERK 404F-22	1
2	54578GT	HOSE,UPPER RADIATOR,PERKINS	1
3	22672GT	CLAMP,HOSE,1.75	2
4	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	12
5	6146GT	WASHER,FLAT,MS,#10,Y	12
6	217712GT	GUARD, FAN, PERKINS TIER 4	1
7	88990GT	SHROUD,FAN	1
8	110304GT	RADIATOR,FORD/PERKINS***	1
8-	65473GT	CAP,RADIATOR,PERKINS/FORD	
9	235660GT	FORMING,RADIATOR SHROUD	1
10	70367GT	BOTTLE,COOLANT RECOVERY,3.7***	1
		overflow tube is 16"	
10-	106226-1600GT	TUBING, VINYL, 1/2" CLEAR,16"	
10-	115431GT	CAP ASSY, COOLANT BOTTLE	
10-	65887GT	CLAMP,HOSE,1 EAR,1/2	
11	6888GT	SCREW,HHC,1/4-20 X 1	4
12	5397GT	WASHER,FLAT,USS,5/16",Y	4
13	6091GT	NUT,NYLOCK,1/4-20	4
14	54579GT	HOSE,LOWER,RADIATOR,PERKINS	1
15	36208GT	CLAMP,HOSE,1.25***	2
16	6653GT	CLAMP,1.88,#30 X 1/4,RUB CUSH	1
		use to secure hose	
17	39518GT	CLAMP,2.00,#32 X 3/8,RUB CUSH	1
		use to secure hose	
18		Ref.Engine Tray	
		refer to 418.1	
19	24038GT	SHOCK MOUNT,SMALL	4

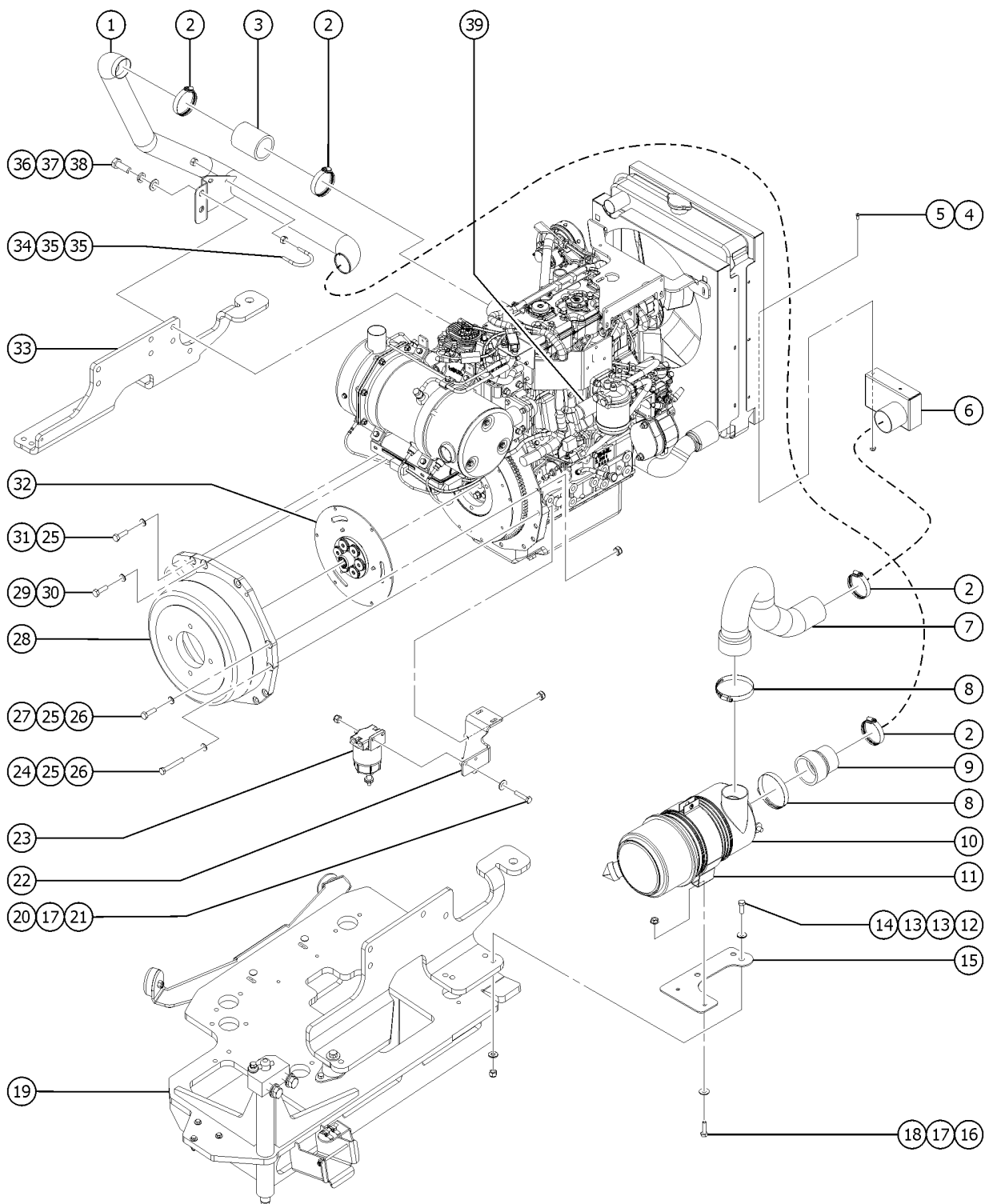
414.1 Perkins 404F-22 Engine, View 1



414.1 Perkins 404F-22 Engine, View 1

Item	Part No.	Description	Qty.
20	15086GT	WASHER,FLAT,.375 X 1.5 X .125	2
21	4828GT	NUT,NYLOCK,3/8-16	2
22	94762GT	OIL FILTER - PERKINS	1
23	128984GT	DIPSTICK, STRAIGHT SHORT	1
23-	128985GT	DIPSTICK TUBE, STRAIGHT SHORT	
24	1252941GT	SWITCH,OIL PRESS,PERKINS 404F	1
25	139936GT	ADAPTER,EYEBOLT	1
26	101085GT	GASKET	2
27	94889GT	FUEL FILTER ASSEMBLY	1
27-	62421GT	FILTER,FUEL,PERKINS	
28	161395GT	FORMING, FILTER MOUNT, 404F	1
28-	161396GT	FORMING, SUPPORT, 404F	
29	60585GT	ISOLATOR,VIBRATION,M8 MALE/FEM	1
30	88989GT	FORMING,UPPER RAD SUPPORT	1
31	6090GT	SCREW,HHC,1/4-20 X .75	2
32	6638GT	WASHER,FLAT,USS,1/4"Y	2
33	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	2
		replaced 73871	
34	28214GT	SCREW,HHC,M8 X 45	1
35	102121GT	CLAMP,MUFFLER,1-7/8 IN.	1

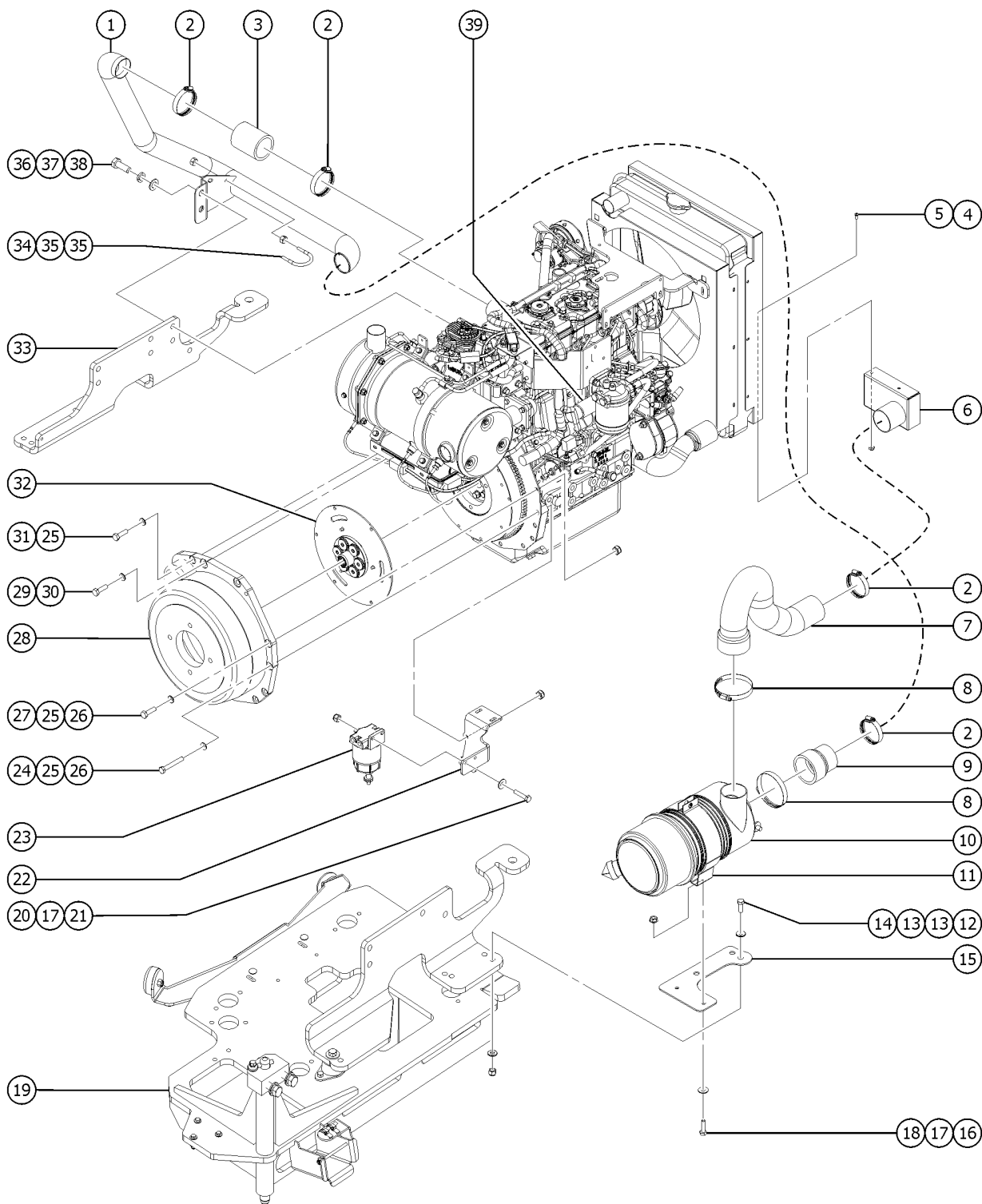
415.1 Perkins 404F-22 Engine, View 2



415.1 Perkins 404F-22 Engine, View 2

Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine dealer	
B	106663GT	SOLENOID,SHUT DOWN PERKIN40422	
1	217703GT	WDMT, PERKINS INTAKE AIR HOSE	1
2	35434GT	CLAMP,HOSE,2.00***	4
3	217187GT	HOSE, INTAKE, 2"ID X 3"	1
4	1256479GT	SCREW,PHPM,10-24X.50,ZAG	2
5	5365GT	NUT,NYLOCK,10-24	2
6	219181GT	WELDMENT, INTAKE BOX	1
7	217682GT	HOSE, RAW AIR INTAKE, Z45	1
8	45435GT	CLAMP,HOSE,2.50"	2
9	216150GT	ADAPTER,AIR HOSE,PERK 404F	1
10	63463GT	AIR CLEANER,NELSON*** plastic housing	1
10-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
10-	62420GT	FILTER,AIR***	
10-	65810GT	BAFFLE, AIR CLEANER (27915)**	
10-	52866GT	EVACUATOR VALVE-AIR CLEANER	
11	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
12	8177GT	SCREW,HHC,1/2-13 X 1.5	1
13	6095GT	WASHER,FLAT,USS,1/2",Y	2
14	6198GT	NUT,NYLOCK,1/2-13	1
15	215472GT	PLATE, AIR CLEANER, 404F-22	1
16	6888GT	SCREW,HHC,1/4-20 X 1	2
17	6638GT	WASHER,FLAT,USS,1/4"Y	4
18	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	2
19		Ref. Engine Tray	
		refer to 418.1	
20	8915GT	SCREW,HHC,1/4-20 X 1.25	2
21	6091GT	NUT,NYLOCK,1/4-20	2

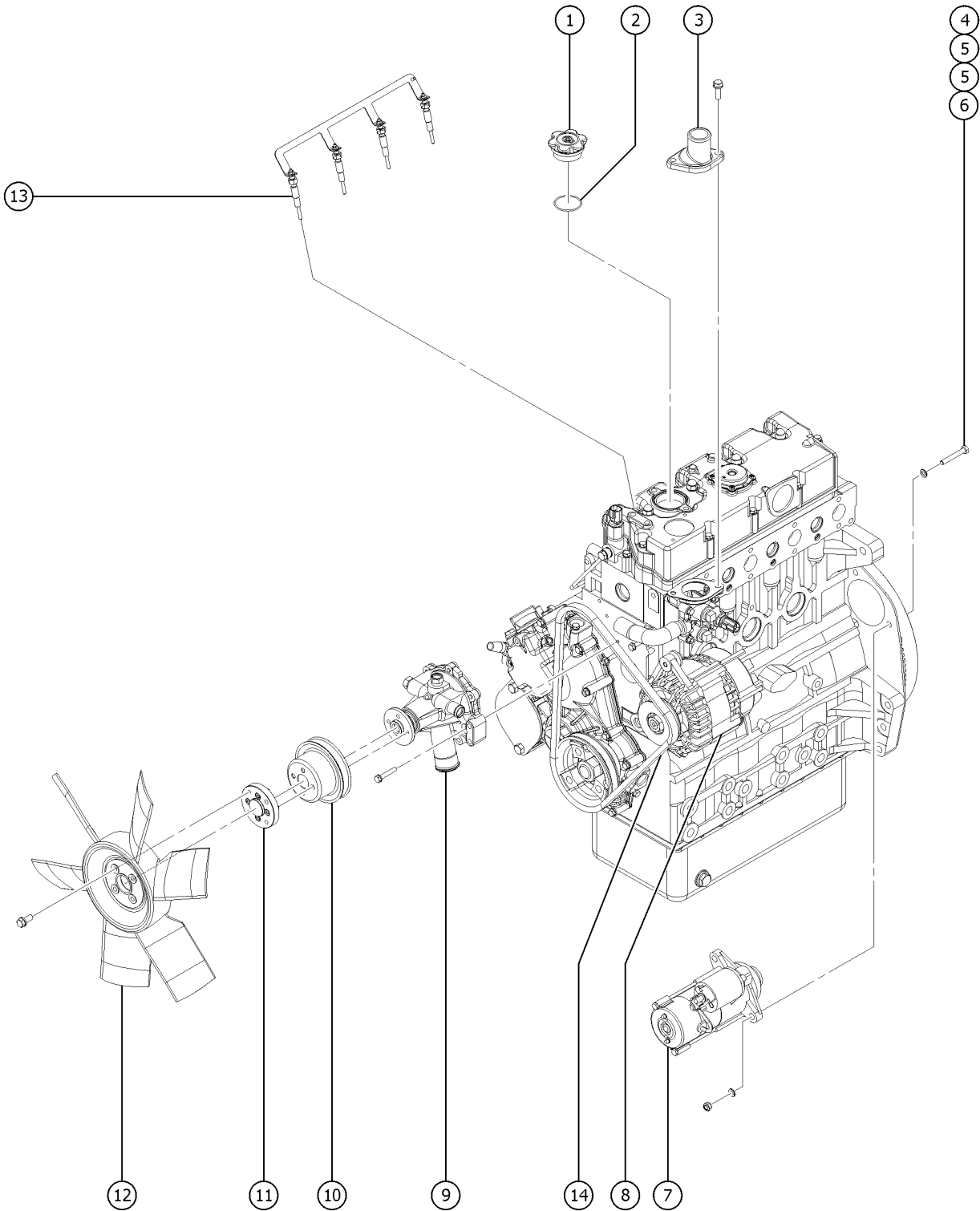
415.1 Perkins 404F-22 Engine, View 2



415.1 Perkins 404F-22 Engine, View 2

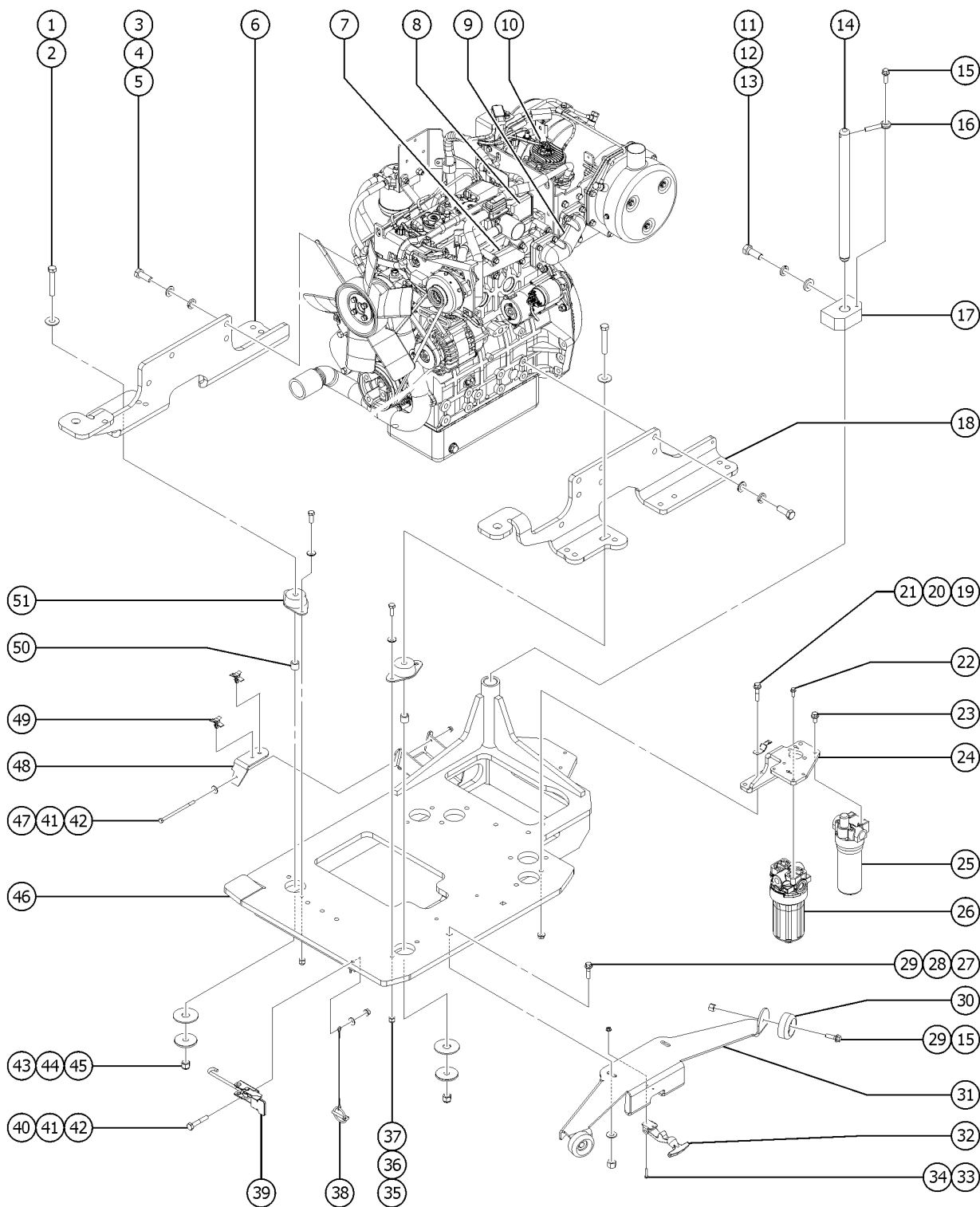
Item	Part No.	Description	Qty.
22	128588GT	FORMING,SOLENOID MOUNT	1
23	147826GT	SEPRTR/FLTR,FUEL DSL,15GPH,.30	1
23-	54205GT	HOSE END,BARB,1/4 MNPTX5/16,90	
23-	54437GT	HOSE END,BARB,3/8 MNPT X 5/16	
23-	75020GT	SEPRTR/FLTR,FUEL DSL,15GPH,.30	
24	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8	4
25	22699GT	WASHER,FLAT,M10,ZINC PLTD.	
26	22736GT	NUT,NYLOCK,M10X1.50	
27	85059GT	SCREW,HHC,M10 X 1.5 X 35	
28	824507GT	PUMP MOUNT,PERKINS 404F-22	1
29	27584GT	SCREW,HHC,M12 X 35MM	
30	49410GT	WASHER,FLAT,M12	
31	128061GT	SCREW, HHC, M10 X 1.5 X 50	
32	128022GT	KIT,FBA STYLE COUPLER,PERKINS includes 15-tooth coupler (128003), fastener kit (1263209) and grease	1
32-	128003GT	COUPLER,15 TOOTH,FBA,PERKINS** includes grease	
32-	128024GT	SCREW, HHC, M8 X 1.25 X 12	
32-	128025GT	GREASE,SERVICE PACKET	
33		Ref. Forming Engine Mount	1
		refer to 418.1	
34	80391GT	U-BOLT,5/16 -18 X 2IN**	1
35	18503GT	NUT,LOCKING-LG.FLANGE,5/16-18	4
36	54687GT	SCREW,HHC,M14 X 1.5X40MM,GR8.8	4
37	37505GT	WASHER,LOCK,M14	4
38	49411GT	WASHER,FLAT,M14	4
39	1279271GT	SOLENOID,SHUTDOWN,PERKINS,404F-22	

416.1 Perkins 404F-22 Engine, View 3



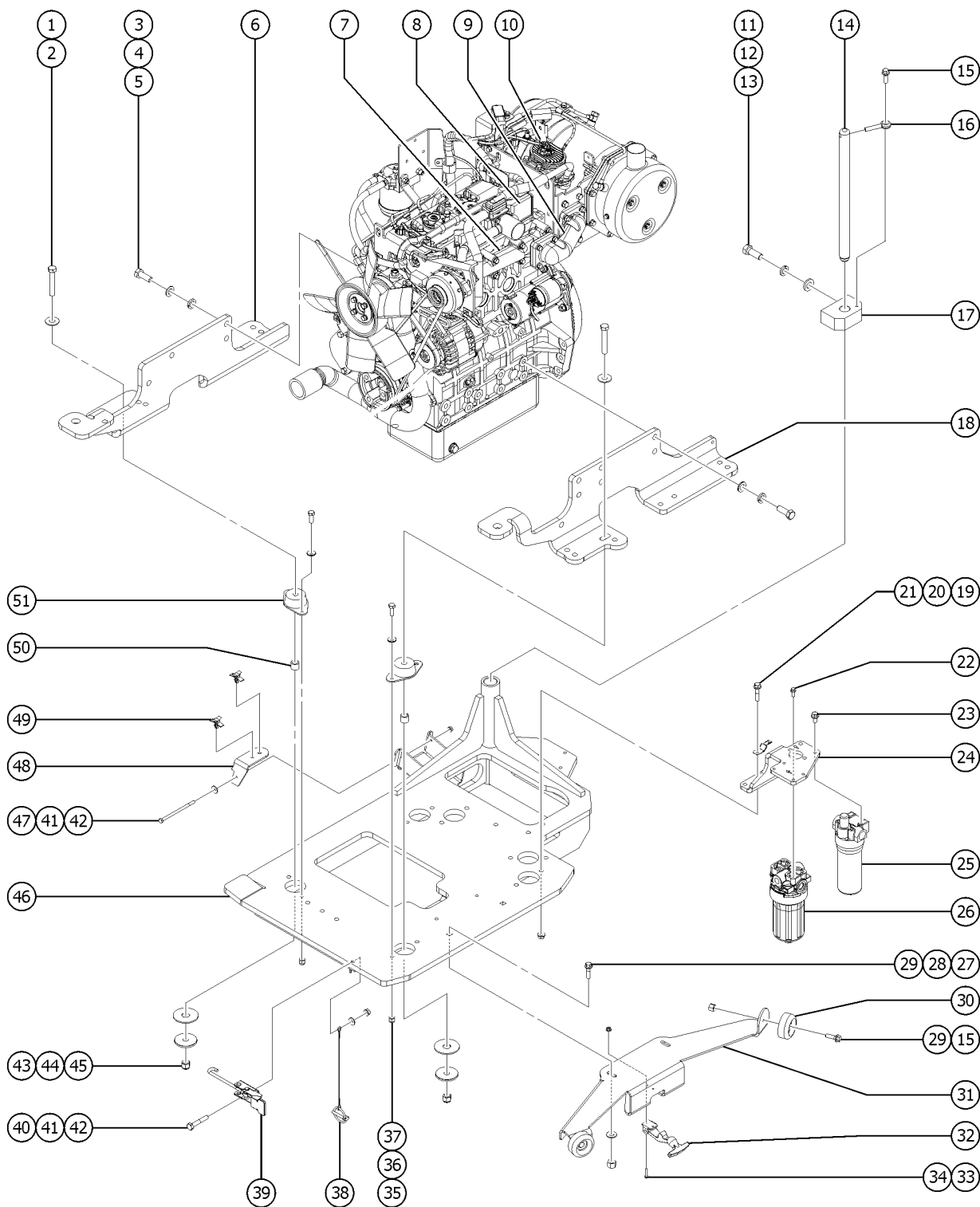
Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine dealer	
C	1252941GT	SWITCH,OIL PRESS,PERKINS 404F	
D	97473GT	SENSOR,WATER TEMPERATURE	
E	85155GT	PUMP,PRIMER,PERKINS***	
F	128991GT	THERMOSTAT	
F	147355GT	GASKET-THERMOSTAT HSG for 128991	
G	1252944GT	PUMP,FUEL LIFT,PERKINS 404F	
1	65636GT	CAP, OIL FILLER	1
2	65638GT	SEAL, OIL FILLER CAP	1
3	128986GT	WATER OUTLET, VERTICAL	1
4	128061GT	SCREW, HHC, M10 X 1.5 X 50	
5	22699GT	WASHER,FLAT,M10,ZINC PLTD.	
6	22736GT	NUT,NYLOCK,M10X1.50	
7	1252940GT	STARTER,PERKINS 404F	1
8	1251814GT	ALTERNATOR - 85 AMP, INT REGU	1
9	1252942GT	PUMP,WATER,PERKINS 404F	1
10	77482GT	PULLEY, WATER PUMP	1
11	1252943GT	SPACER,FAN,PERKINS 404F	1
12	77483GT	FAN, ENGINE (104-22)(404-22)*	1
13	77736GT	GLOW PLUG (PERKINS 404-22)	4
14	89765GT	BELT, V (PERKINS 404)	1

417.1 Perkins 404F-22 Engine, View 4



Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine dealer	
1	8357GT	SCREW,HHC,1/2-13 X 3.5	4
2	6095GT	WASHER,FLAT,USS,1/2",Y	4
3	54687GT	SCREW,HHC,M14 X 1.5X40MM,GR8.8	4
4	37505GT	WASHER,LOCK,M14	4
5	49411GT	WASHER,FLAT,M14	4
6	88988GT	FORMING,ENGINE MOUNT RH	1
7A	1251815GT	MANIFOLD,EXHAUST,PERKINS 404F	1
7B	1251819GT	GASKET,EXHAUST MANIFOLD,PERK	1
7C	1251995GT	STUD,EXHAUST,PERKINS 404F	1
7D	1251996GT	NUT,EXHAUST,PERKINS 404F	1
8	94887GT	INTAKE MANIFOLD	1
9A	1251816GT	FLANGE,EXHAUST,PERKINS 404F	1
9B	1251818GT	GASKET,EXHAUST ELBOW,PERKINS	1
10	826856GT	FITTING, 90 DEG, #4FJX-#4FP (fuel line)	1
11	1260372GT	SCREW,HHC,5/8-11X1.75,8,ZAG	2
12	1257229GT	WASHER,LOCK,5/8,ZAG	2
13	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	2
14	107803GT	PIN,1.00DIAX15.56LG,CHAMFER	1
15	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	3
16	1255452GT	ROD END,.375 X 2.25,ZAG	1
17	107805GT	EAR, ENGINE TRAY PIVOT	1
18	161611GT	FORMING, ENGINE MOUNT, PERKINS	1
19	824093GT	SCREW,HHF,3/8-16X1.75,8,ZAG	2
20	99346GT	CLIP, METAL MOUNTING	1
21	824029GT	NUT,TL FLG,3/8-16,G,ZAG	3
22	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4

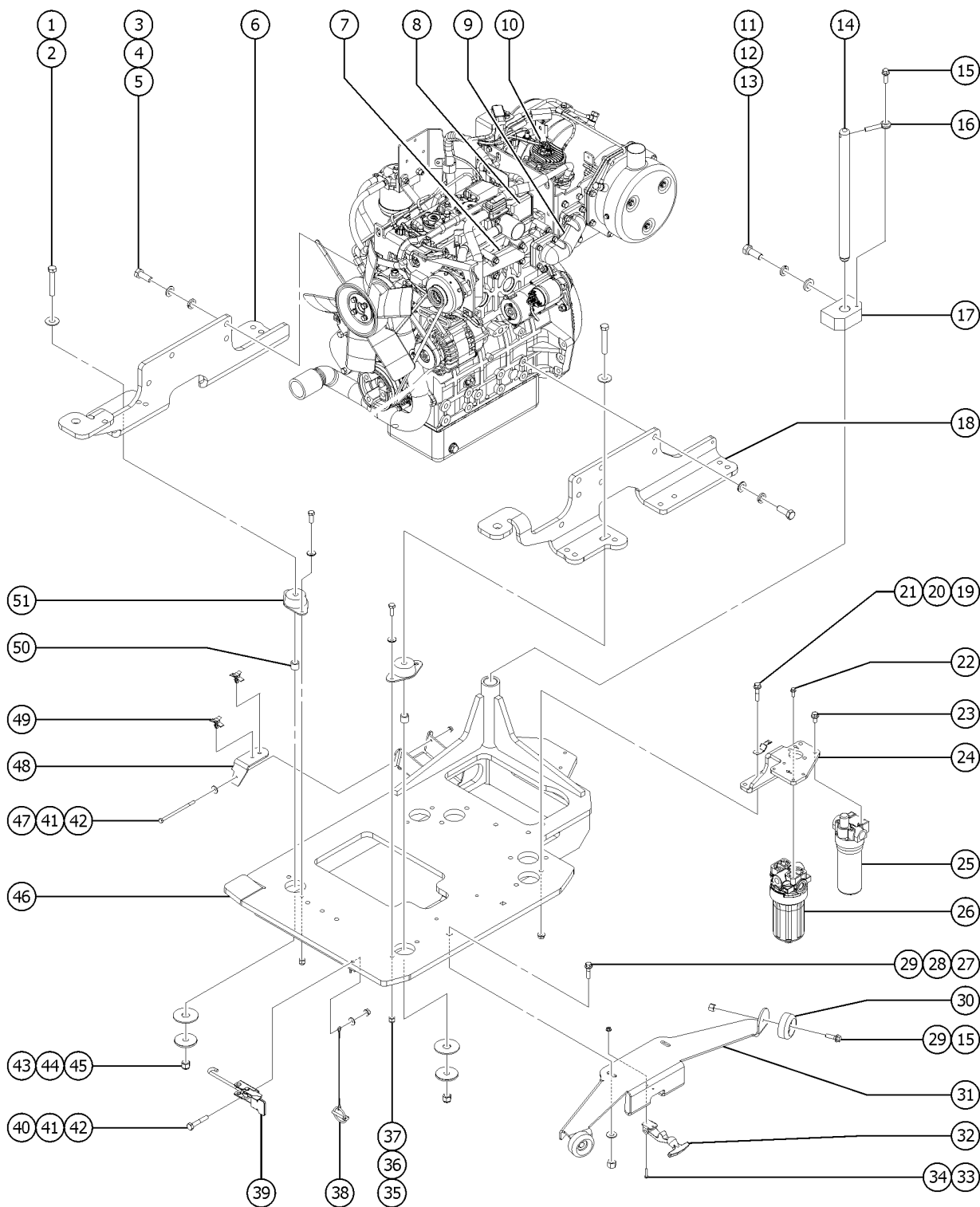
417.1 Perkins 404F-22 Engine, View 4



417.1 Perkins 404F-22 Engine, View 4

Item	Part No.	Description	Qty.
23	824089GT	SCREW,HHF,3/8-16X.75,8,ZAG	4
24	235654GT	FORMING,OIL FILTER BRACKET	1
25	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
25-	58222GT	O-RING,FILTER ASSY (60334)***	
25-	58223GT	SEAL,FILTER ASSY (60334)***	
25-	58380GT	FILTER INDICATOR-(60334)	
25-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
26	1267807GT	ASSEMBLY, MED. PRESS. FILTER,	1
26-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
27	824092GT	SCREW,HHF,3/8-16X1.5,8,ZAG	2
28	1255758GT	WASHER,FLAT,3/8,USS,ZAG	2
29	824025GT	NUT,TL,3/8-16,C,ZAG	2
30	50974GT	BUMPER,RUBBER,COVERS	2
31	215593GT	FORMING, ENGINE COVER LATCH	1
32	45363GT	LATCH,FLEXIBLE	1
33	826516GT	SCREW, PHPM, 10-32 X 1.0, ZAG	2
34	1264261GT	NUT,SERRATED,10-32,ZAG	2
35	4828GT	NUT,NYLOCK,3/8-16	8
36	5397GT	WASHER,FLAT,USS,5/16",Y	8
37	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
38	54432GT	LANYARD,LYNCH PIN ASSY	1
39	27126GT	LATCH,DRAW,ADJUSTABLE	1
40	824062GT	SCREW,HHC,1/4-20X1.5,8,ZAG	2
41	824113GT	WASHER,FLAT,1/4,USS,ZAG	2
42	824027GT	NUT,TL FLG,1/4-20,G,ZAG	3
43	6198GT	NUT,NYLOCK,1/2-13	4
44	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	4
45	101729GT	WASHER,VIBRATION ISOLATING	4

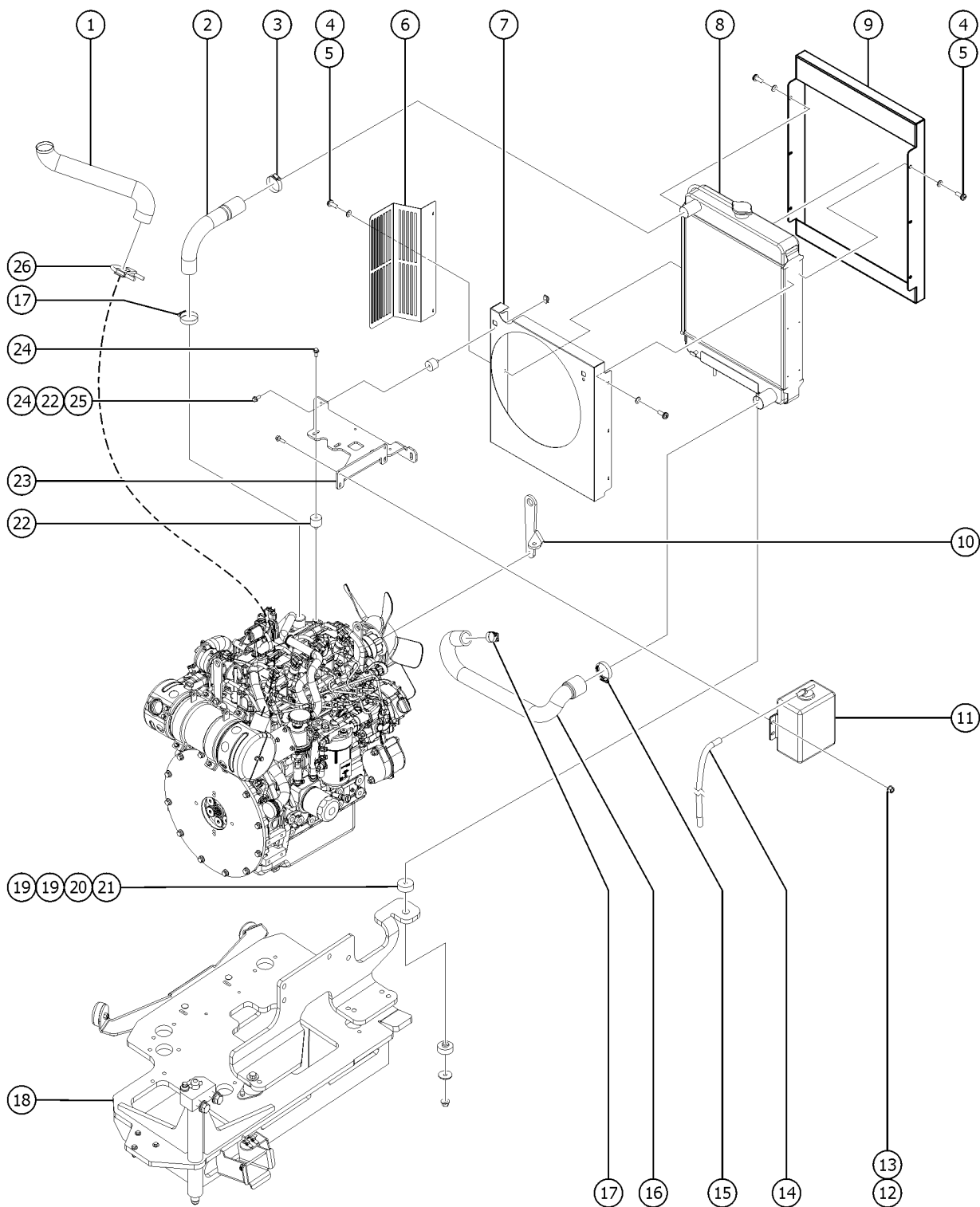
417.1 Perkins 404F-22 Engine, View 4



417.1 Perkins 404F-22 Engine, View 4

Item	Part No.	Description	Qty.
46		Ref. WELDMENT, ENGINE TRAY refer to 418.1	1
47	1256853GT	SCREW,HHF,1/4-20X4.5,8,ZAG	1
48	219353GT	FORMING, FUEL LINE BRACKET	1
49	105214GT	CABLE TIE MOUNT, WINGED	2
50	219991GT	SPACER,19.1 ODX13.5 IDX15.9	4
51	70452GT	ISOLATOR,ENGINE VIBRATION	4

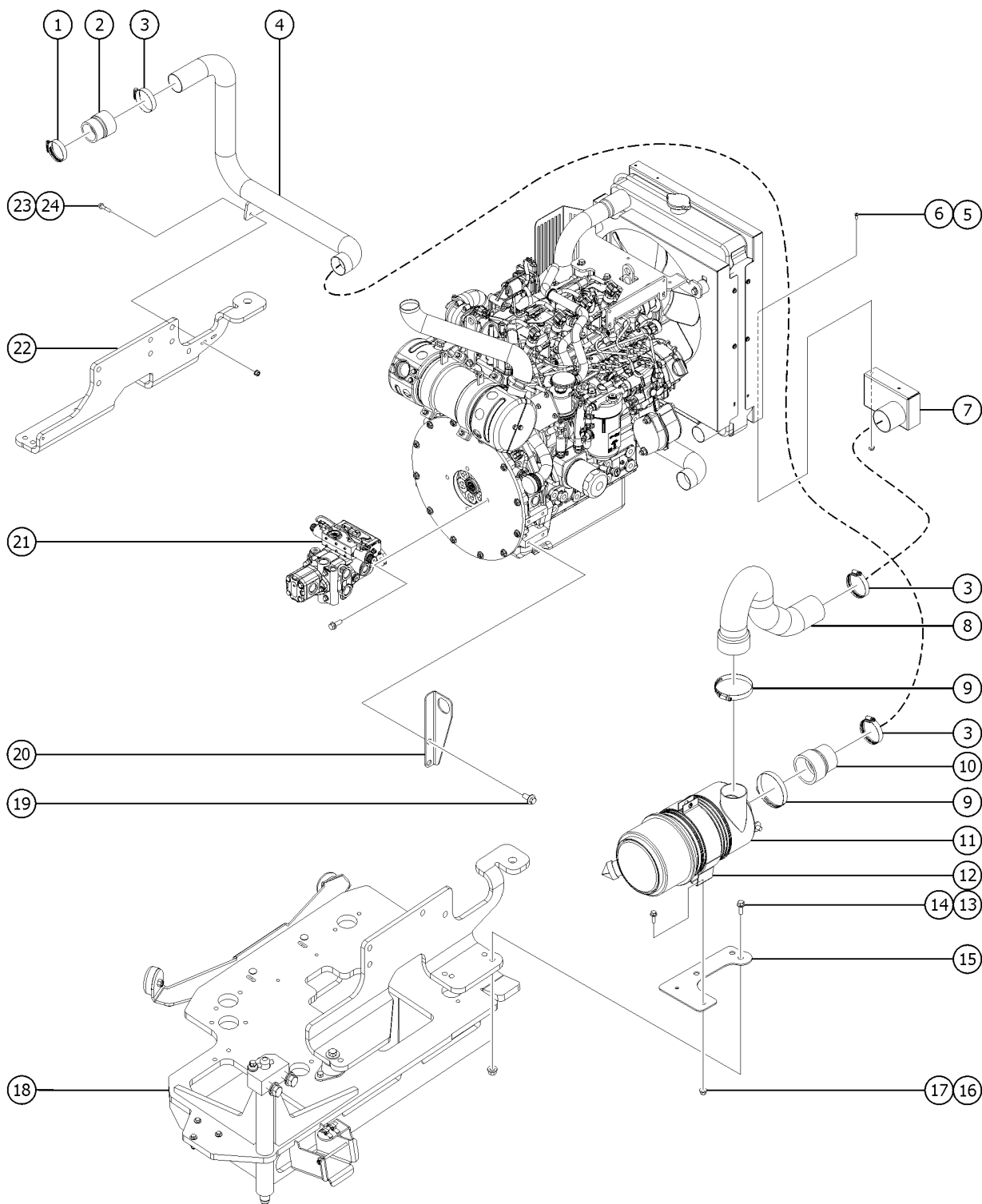
418.1 Perkins 404F-E22T Engine, View 1 (from SN Z452518N-59584)



418.1 Perkins 404F-E22T Engine, View 1 (from SN Z452518N-59584)

Item	Part No.	Description	Qty.
1	1286316GT	TAILPIPE,MUFFLER,PERKINS CRDI,Z45XC	1
2	54578GT	HOSE,UPPER RADIATOR,PERKINS	1
3	22672GT	CLAMP,HOSE,1.75	1
4	824220GT	SCREW,PHPM SEMS ET,10-24X.5,ZA	12
5	1253185GT	WASHER,FLAT,#10,USS,ZAG	12
6	217712GT	GUARD, FAN, PERKINS TIER 4	1
7	88990GT	SHROUD,FAN	1
8	110304GT	RADIATOR,FORD/PERKINS***	1
8-	65473GT	CAP,RADIATOR,PERKINS/FORD	
9	235660GT	FORMING,RADIATOR SHROUD	1
10	1284549GT	FORMING,UPPER RADIATOR SUPPORT/ENGINE LIFT POINT, 404F-E22T	1
11	70367GT	BOTTLE,COOLANT RECOVERY,3.7***	1
12	824027GT	NUT,TL FLG,1/4-20,G,ZAG	4
12-	65473GT	CAP,RADIATOR,PERKINS/FORD	
13	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	4
14	106226GT	TUBING,VINYL,1/2" CLEAR	1
15	35434GT	CLAMP,HOSE,2.00***	1
16	1283181GT	HOSE,LOWER RADIATOR,PERKINS 404F-E22T	1
17	36208GT	CLAMP,HOSE,1.25***	2
18		REF. WELDMENT, ENGINE TRAY	
		refer to 422.1	
19	24038GT	SHOCK MOUNT,SMALL	4
20	824120GT	WASHER,FLAT,.375X1.50X.125,ZAG	2
21	824029GT	NUT,TL FLG,3/8-16,G,ZAG	2
22	60585GT	ISOLATOR,VIBRATION,M8 MALE/FEM	5
23	1284548GT	FORMING,UPPER RADIATOR SUPPORT,PERKINS 404F-E22T	1
24	824132GT	SCREW,HHF,M8-1.25X20,DIN6921,10.9,ZAB	5
25	230820GT	SPRING CLIP, M8-1.25, 0.8-4.0	2
26	102121GT	CLAMP,MUFFLER,1-7/8 IN.	1

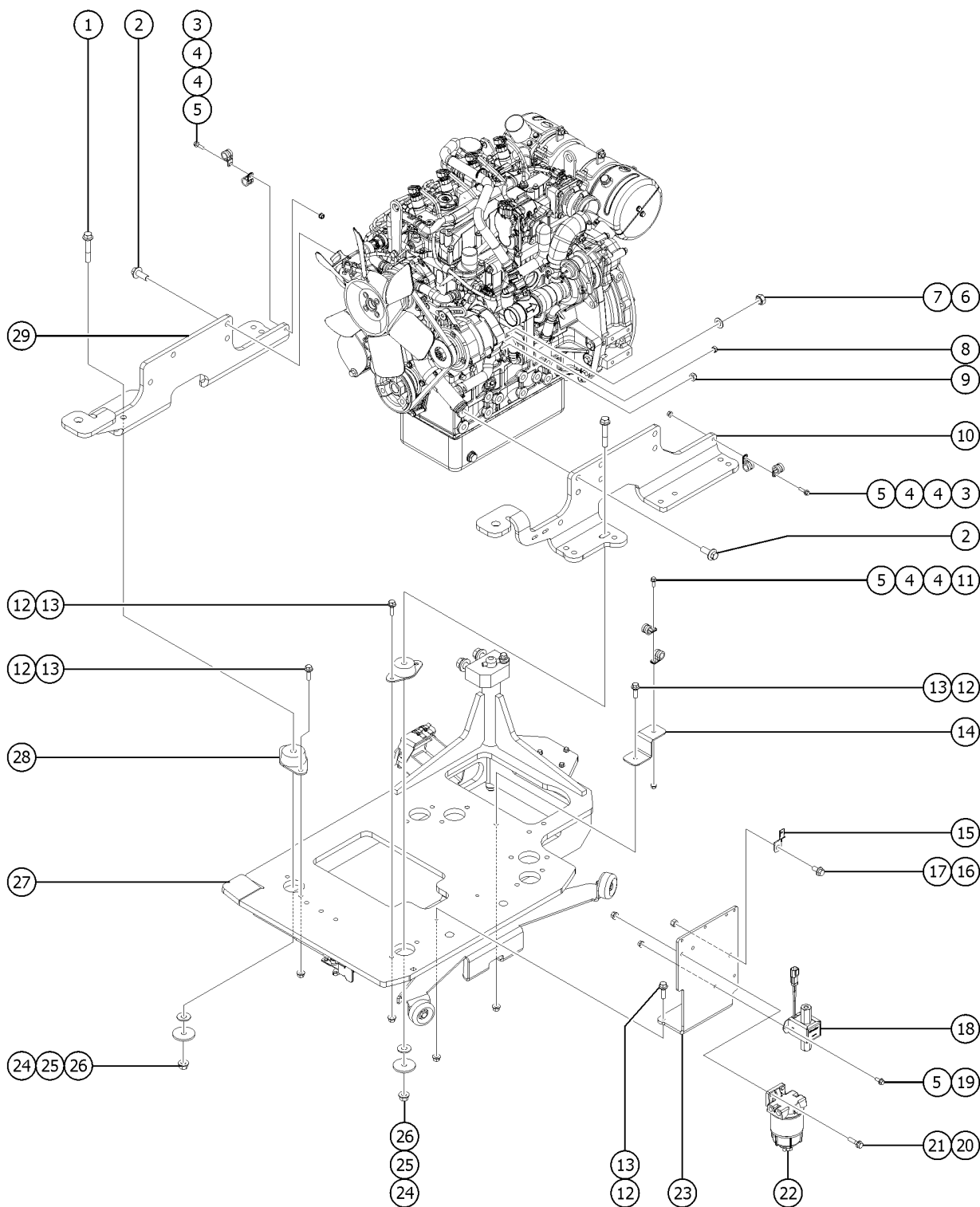
419.1 Perkins 404F-E22T Engine, View 2 (from SN Z452518N-59584)



419.1 Perkins 404F-E22T Engine, View 2 (from SN Z452518N-59584)

Item	Part No.	Description	Qty.
1	22672GT	CLAMP,HOSE,1.75	1
2	1253487GT	ADAPTER, 2" TO 1.8", PERK 404F	1
3	35434GT	CLAMP,HOSE,2.00***	3
4	1286315GT	WELDMENT,AIR INTAKE PIPE,PERKINS CRDI,Z45XC	1
5	824220GT	SCREW,PHPM SEMS ET,10-24X.5,ZA	2
6	1274170GT	NUT, NYLOCK, 10-24, A, ZAG	2
7	219181GT	WELDMENT, INTAKE BOX	1
8	217682GT	HOSE, RAW AIR INTAKE, Z45	1
9	45435GT	CLAMP,HOSE,2.50"	2
10	216150GT	ADAPTER,AIR HOSE,PERK 404F	1
11	63463GT	AIR CLEANER,NELSON***	1
11-	58415GT	CLIP,AIR CLEANER END CAP***	
11-	62420GT	FILTER,AIR***	
11-	65810GT	BAFFLE, AIR CLEANER (27915)**	
12	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
13	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	2
14	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
15	215472GT	PLATE, AIR CLEANER, 404F-22	1
16	824028GT	NUT,TL FLG,5/16-18,G,ZAG	2
17	824086GT	SCREW,HHF,5/16-18X1,8,ZAG	2
18		REF. WELDMENT, ENGINE TRAY	
		refer to 422.1	
19	231087GT	SCREW,HHF,M12 X 1.75 X 25	2
20	1286546GT	ECU HARNESS BRACKET, PERKINS 404F-E22T	1
21		REF. PUMP,PISTON,49CC	
		refer to 705.1	
22		REF. FORMING, ENGINE MOUNT, LH	
		refer to 420.1	
23	824080GT	SCREW,HHF,1/4-20X1.25,8,ZAG	2
24	824027GT	NUT,TL FLG,1/4-20,G,ZAG	2

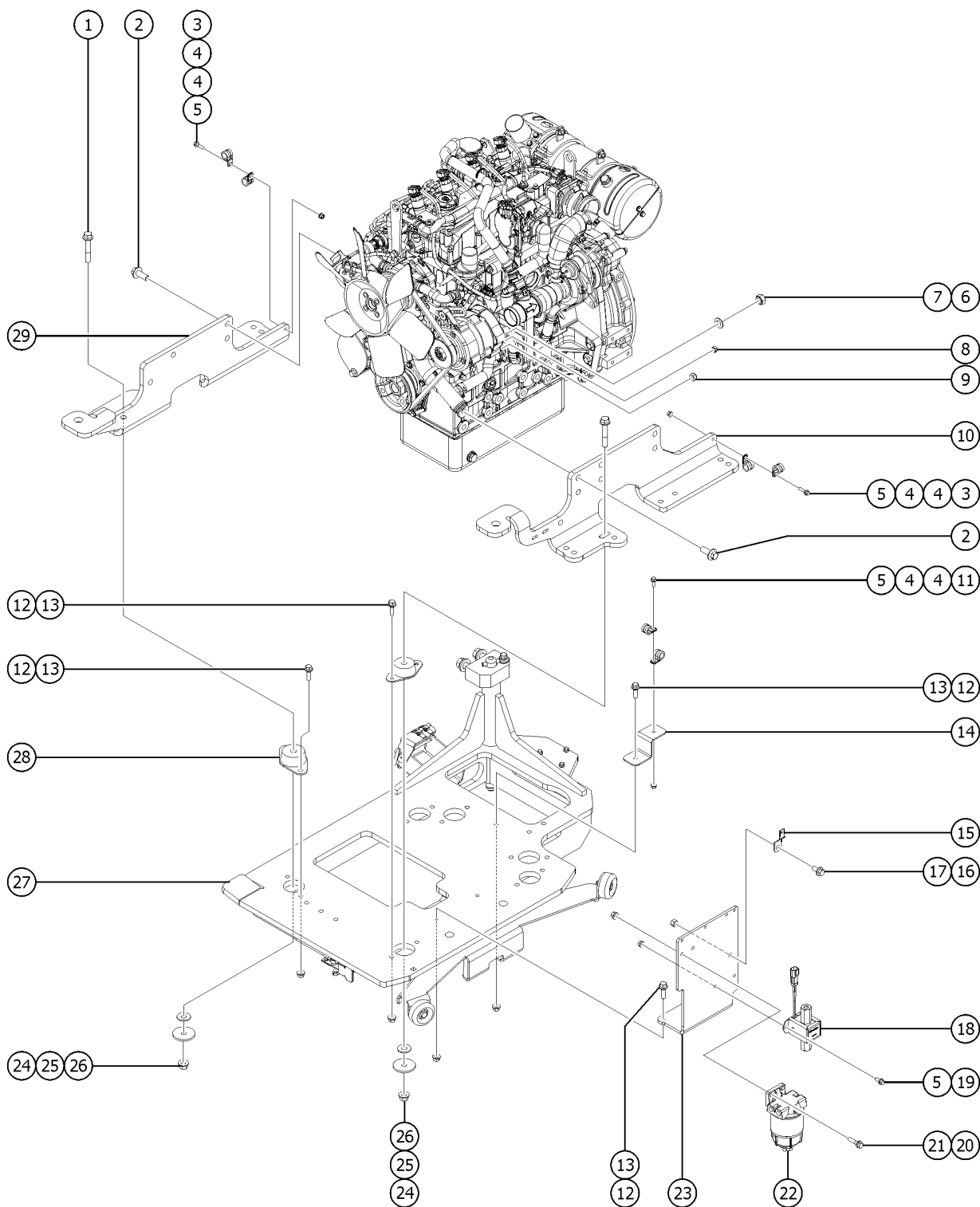
420.1 Perkins 404F-E22T Engine, View 3 (from SN Z452518N-59584)



420.1 Perkins 404F-E22T Engine, View 3 (from SN Z452518N-59584)

Item	Part No.	Description	Qty.
1	1251994GT	SCREW,HHF,1/2-13X3,8,ZAG	4
2	1256776GT	SCREW,HHF,M14-2.0X35,DIN6921,10.9,ZAB	10
3	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
4	45454GT	CLAMP,RUB CUSH,0.75,#12 X 3/8*	6
5	824027GT	NUT,TL FLG,1/4-20,G,ZAG	5
6	22571GT	NUT,HEX,M8 X 1.25	1
7	33277GT	WASHER,FLAT,M8,YELLOW ZINC	1
8	27082GT	NUT,NYLOCK,M5X.80	1
9	49364GT	NUT,NYLOCK,M6X1.00	1
10	161611GT	FORMING, ENGINE MOUNT, PERKINS	1
11	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	1
12	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	11
13	824029GT	NUT,TL FLG,3/8-16,G,ZAG	11
14	1287119GT	FORMING,FUEL LINE BRACKET,CRDI	1
15	99346GT	CLIP, METAL MOUNTING	1
16	824089GT	SCREW,HHF,3/8-16X.75,8,ZAG	1
17	1256468GT	NUT,3/8-16,8,ZAG	1
18	1285222GT	FUEL PUMP,LIFT,PERKINS 404F-E22T	1
18-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
18-	96770GT	CLAMP, HOSE, 1 EAR, 11/16	
19	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	2
20	824087GT	SCREW,HHF,5/16-18X1.25,8,ZAG	2
21	824028GT	NUT,TL FLG,5/16-18,G,ZAG	2
22	75020GT	SEPRTR/FLTR,FUEL DSL,15GPH,.30	1
22-	62433GT	FILTER,ELEMENT,30 MIC,75020	
22-	54205GT	HOSE END,BARB,1/4 MNPTX5/16,90	
22-	96770GT	CLAMP, HOSE, 1 EAR, 11/16	
23	1287089GT	BRACKET,FUEL PUMP,CRDI	1

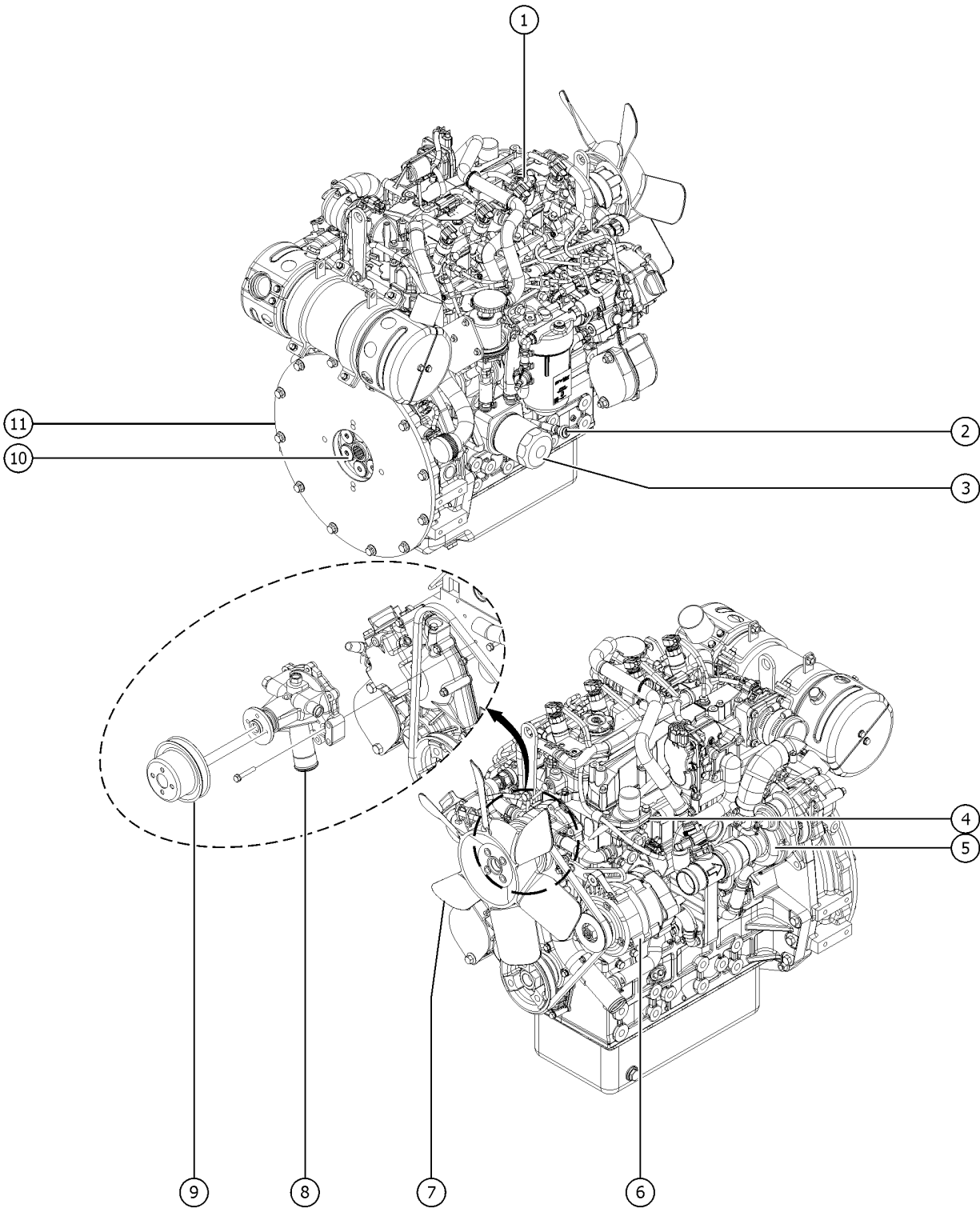
420.1 Perkins 404F-E22T Engine, View 3 (from SN Z452518N-59584)



420.1 Perkins 404F-E22T Engine, View 3 (from SN Z452518N-59584)

Item	Part No.	Description	Qty.
24	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	4
25	1256283GT	WASHER,FLAT,.5X2.25X.188,ZAG	4
26	1255760GT	WASHER,FLAT,1/2,USS,ZAG	4
27		REF. WELDMENT, ENGINE TRAY	
		refer to 422.1	
28	70452GT	ISOLATOR,ENGINE VIBRATION	4
29	88988GT	FORMING,ENGINE MOUNT RH	1

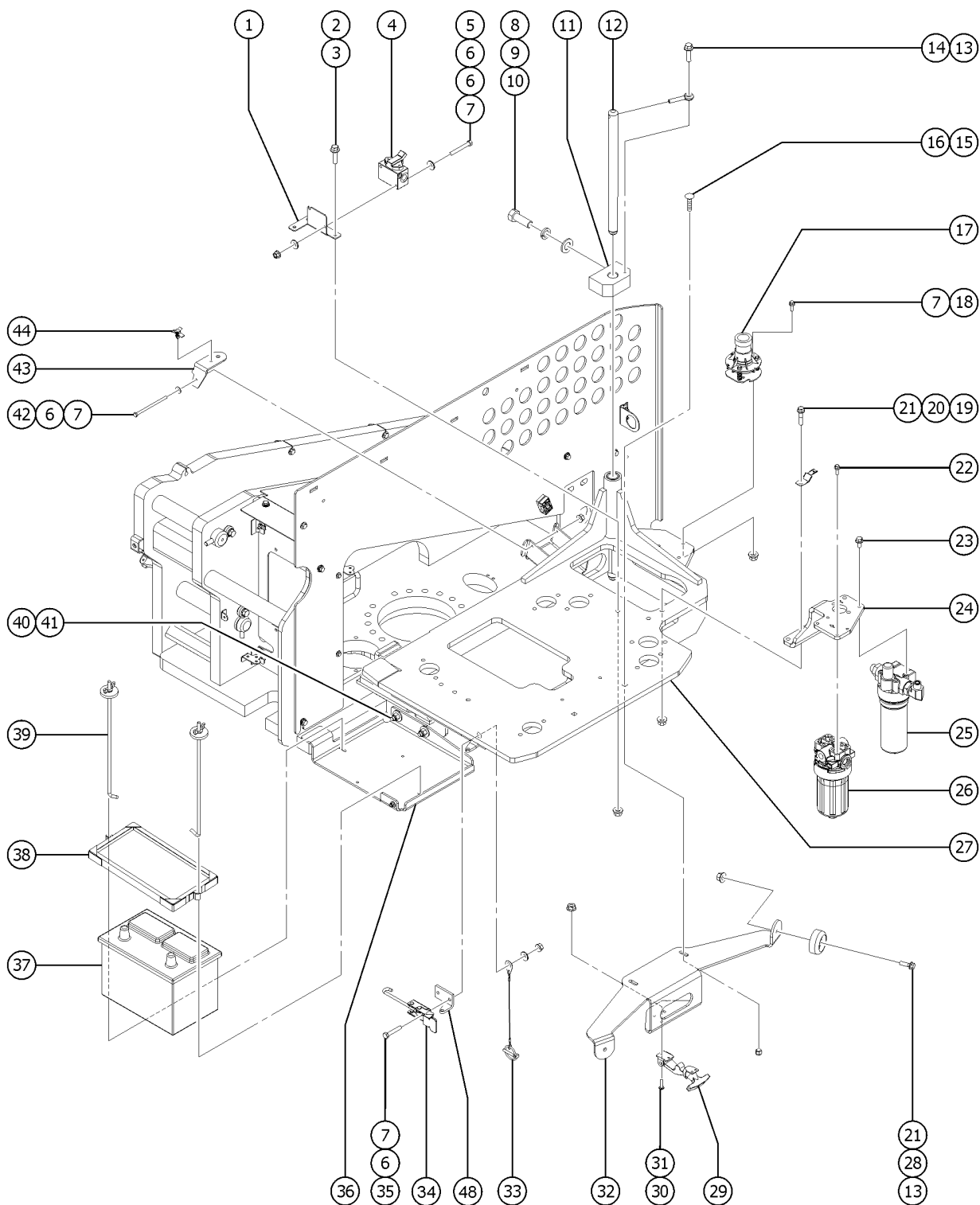
421.1 Perkins 404F-E22T Engine, View 4 (from SN Z452518N-59584)



421.1 Perkins 404F-E22T Engine, View 4 (from SN Z452518N-59584)

Item	Part No.	Description	Qty.
A	1282820GT	ENGINE KIT, PERKINGS 404F-E22T, MULTI POSITION	
B	1251819GT	GASKET,EXHAUST MANIFOLD,PERK	
1	65636GT	CAP, OIL FILLER	1
1-	65638GT	SEAL, OIL FILLER CAP	
2	128984GT	DIPSTICK, STRAIGHT SHORT	1
2-	128985GT	DIPSTICK TUBE, STRAIGHT SHORT	
3	94762GT	OIL FILTER - PERKINS	1
4	128991GT	THERMOSTAT	1
5	1252940GT	STARTER,PERKINS 404F	1
6	1251814GT	ALTERNATOR - 85 AMP, INT REGU	1
7	77483GT	FAN, ENGINE (104-22)(404-22)*	1
7-	1252943GT	SPACER,FAN,PERKINS 404F	
8	1252942GT	PUMP,WATER,PERKINS 404F	1
9	77482GT	PULLEY, WATER PUMP	1
10	1283279GT	COUPLER,15 TOOTH,FBA,PERKINS 404F-E22T	1
11	1283182GT	PUMP MOUNT, PERKINS 404F-E22T	1

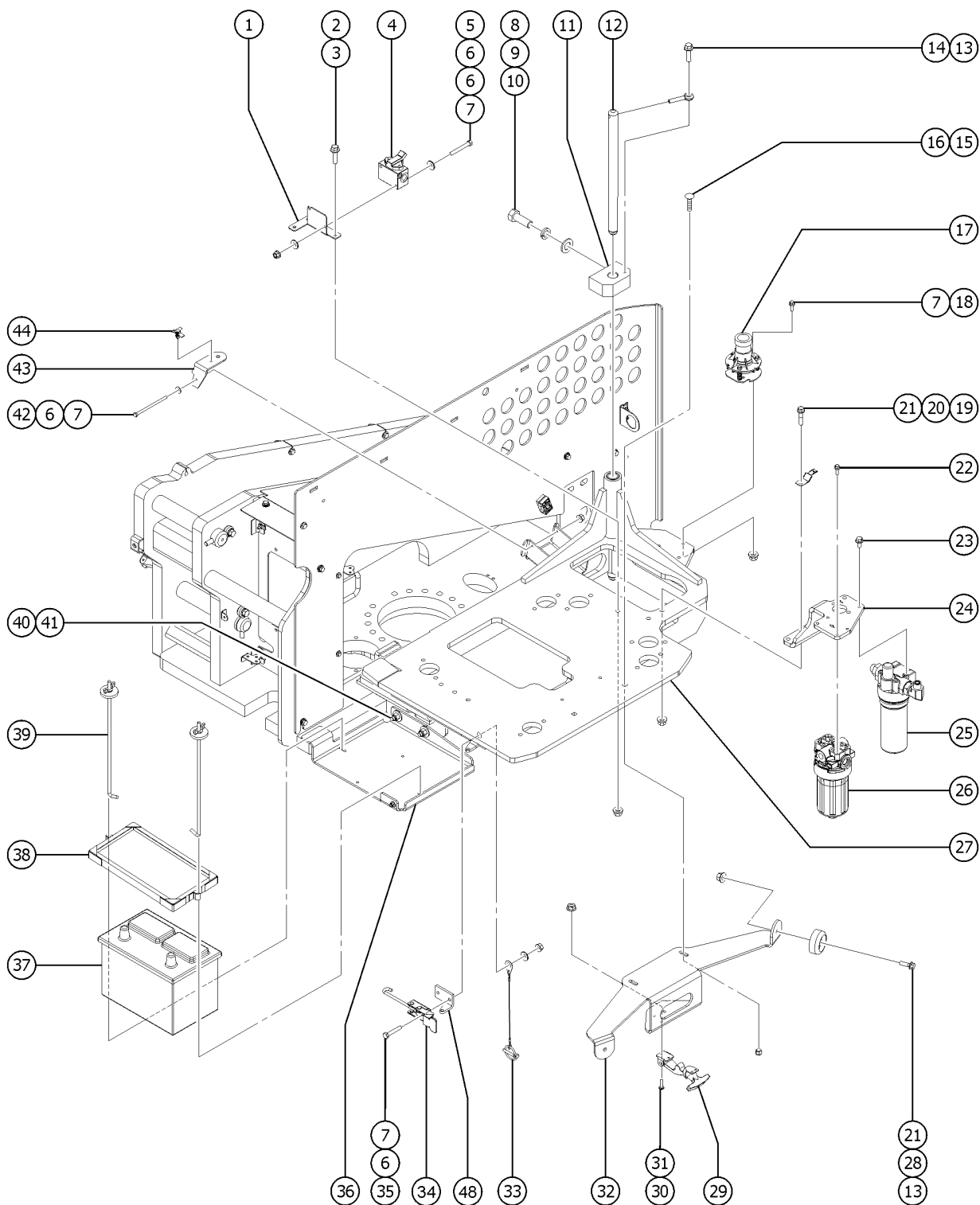
422.1 Engine Tray



422.1 Engine Tray

Item	Part No.	Description	Qty.
1	111699GT	FORMING,FUEL PRES.REG MNT	1
2	1255763GT	SCREW,HHF,5/16-18X1.5,8,ZAG	2
3	824028GT	NUT,TL FLG,5/16-18,G,ZAG	2
4	122246GT	REGULATOR,FUEL PRESS,TME27'07	1
5	824064GT	SCREW,HHC,1/4-20X2.25,8,ZAG	
6	824113GT	WASHER,FLAT,1/4,USS,ZAG	6
7	824027GT	NUT,TL FLG,1/4-20,G,ZAG	8
8	1260372GT	SCREW,HHC,5/8-11X1.75,8,ZAG	2
9	1257229GT	WASHER,LOCK,5/8,ZAG	
10	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	
11	107805GT	EAR, ENGINE TRAY PIVOT	1
12	107803GT	PIN,1.00DIAX15.56LG,CHAMFER	1
13	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	3
14	1255452GT	ROD END,.375 X 2.25,ZAG	1
15	1256756GT	BOLT,CARRIAGE,3/8-16X1.5,5,ZAG	2
16	824029GT	NUT,TL FLG,3/8-16,G,ZAG	2
17A	94077GT	SENSOR,LEVEL,4.5 DEG ANSI; white ring. PN 1261449 may be required, see below.	
17B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 CE with load sense; yellow ring	
17C	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN. For ANSI/CSA models with 6-pin wire harness connector	
18	824080GT	SCREW,HHF,1/4-20X1.25,8,ZAG	3
19	824093GT	SCREW,HHF,3/8-16X1.75,8,ZAG	2
20	99346GT	CLIP, METAL MOUNTING	1
21	824029GT	NUT,TL FLG,3/8-16,G,ZAG	4
22	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4
23	824089GT	SCREW,HHF,3/8-16X.75,8,ZAG	4
24	235654GT	FORMING,OIL FILTER BRACKET	1
25	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
25-	58222GT	O-RING,FILTER ASSY (60334)***	

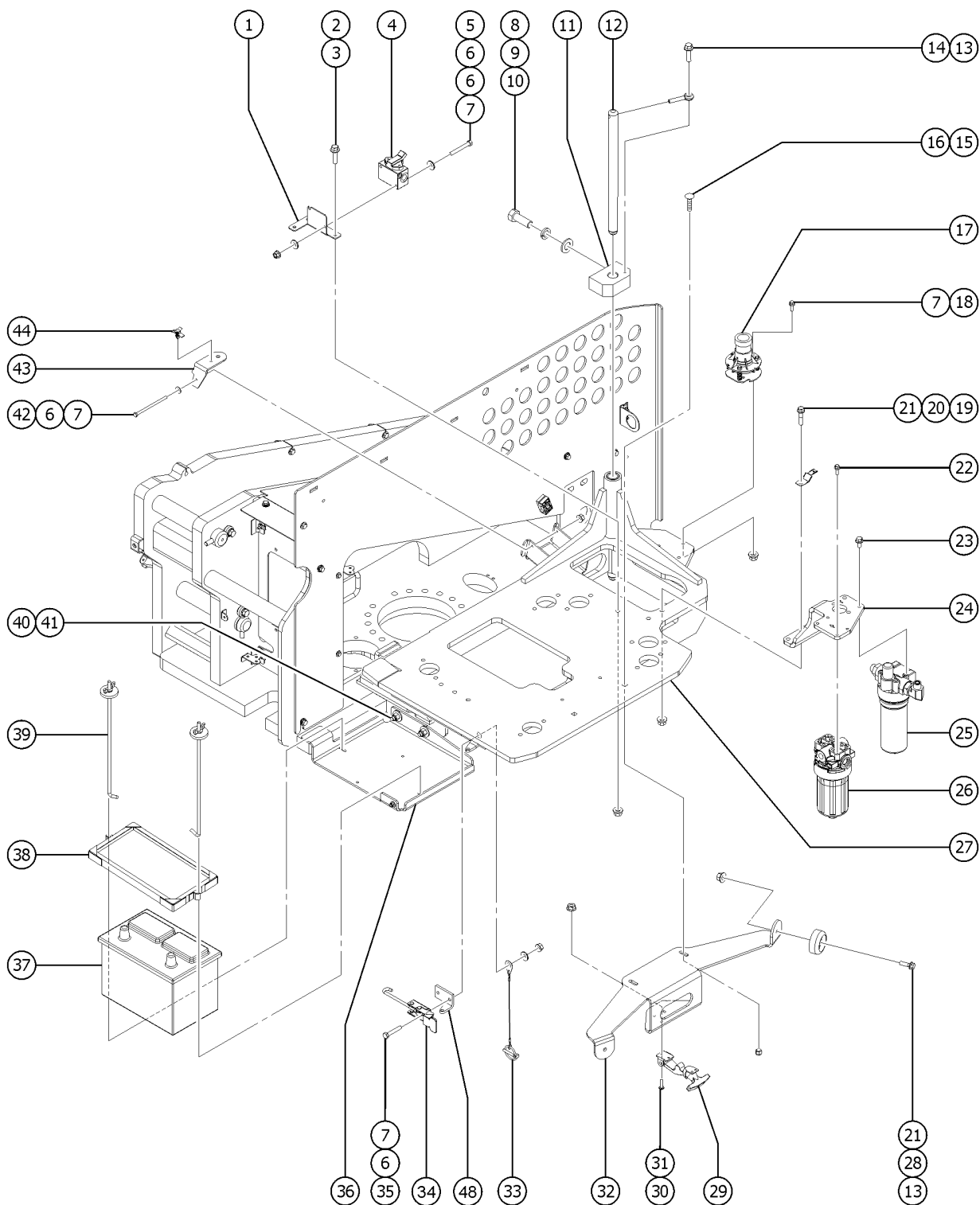
422.1 Engine Tray



422.1 Engine Tray

Item	Part No.	Description	Qty.
25-	58223GT	SEAL,FILTER ASSY (60334)***	
25-	58380GT	FILTER INDICATOR-(60334)	
25-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
26	1267807GT	ASSEMBLY, MED. PRESS. FILTER,	1
26-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
27	235649GT	WELDMENT, ENGINE TRAY	1
28	50974GT	BUMPER,RUBBER,COVERS	2
29	45363GT	LATCH,FLEXIBLE	1
30	826516GT	SCREW, PHPM, 10-32 X 1.0, ZAG	2
31	1264261GT	NUT,SERRATED,10-32,ZAG	2
32	215593GT	FORMING, ENGINE COVER LATCH	1
33	54432GT	LANYARD,LYNCH PIN ASSY	1
34	27126GT	LATCH,DRAW,ADJUSTABLE	1
35	824062GT	SCREW,HHC,1/4-20X1.5,8,ZAG	2
36	147067GT	BRACKET,BATTERY MOUNT	1
37A	30143GT	BATTERY,12V,1000 CCA GRP 31 wet battery, deisel engine	
37B	36872GT	BATTERY, 12V,900 CCA 10" x 7" x 8.25"; wet battery, gasoline engine	1
38A	30144GT	BATTERY HOLD DOWN,GROUP 31 deisel engine	1
38B	T107827GT	BATTERY HOLD DOWN gasoline engine	
38B-	1256679GT	NUT,SERRATED,1/4-20,8,ZAG not included, sold seperately, gasoline engine	
38B-	6091GT	NUT,NYLOCK,1/4-20 not included, sold seperately, gasoline engine	2
38B-	824113GT	WASHER,FLAT,1/4,USS,ZAG not included, sold seperately, gasoline engine	2
39A	45708GT	HOOK,BATT HOLD DOWN,10" deisel engine	2
39B	824209GT	ROD,THREADED,1/4-20X8.5,ZAG gasoline engine	2
40	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
41	826171GT	SCREW,HHF,1/2-13X1.75,ZAG	2
42	1256853GT	SCREW,HHF,1/4-20X4.5,8,ZAG	
43	219353GT	FORMING, FUEL LINE BRACKET	1

422.1 Engine Tray

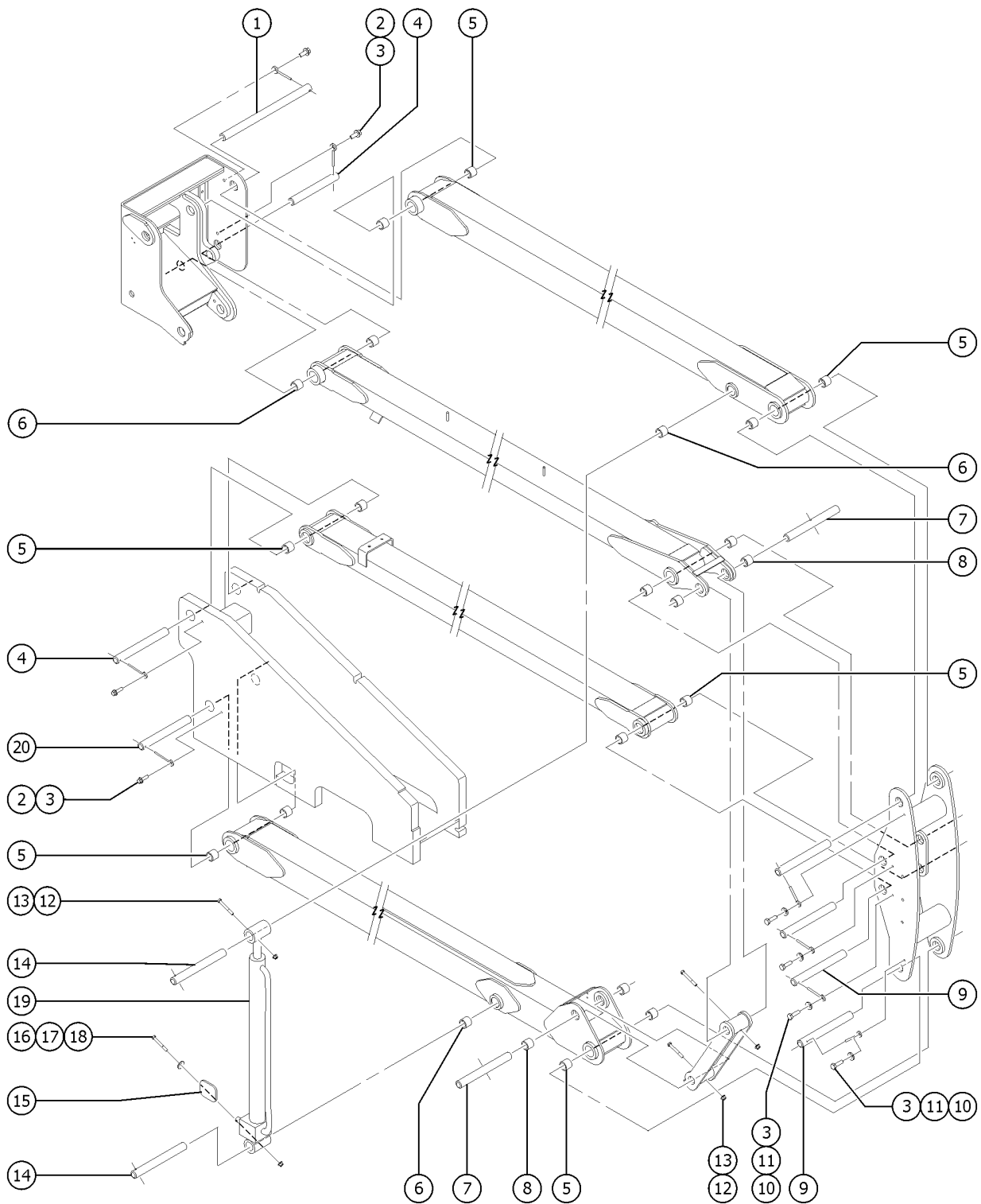


422.1 Engine Tray

Item	Part No.	Description	Qty.
44	105214GT	CABLE TIE MOUNT, WINGED	2
48	54244-SGT	BRACKET,LATCH MOUNT,RH**	1



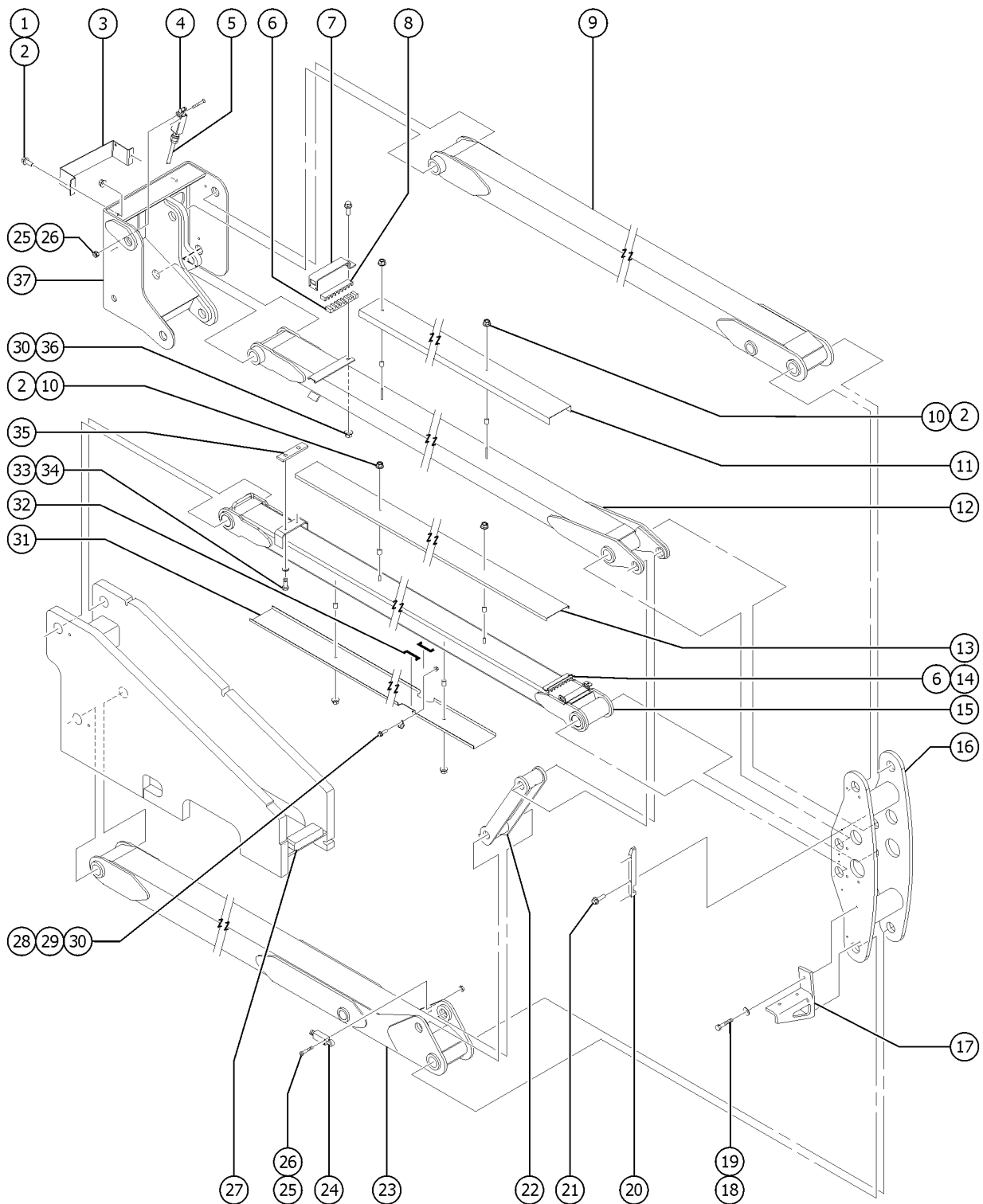
501.1 Boom Pins and Bearings



501.1 Boom Pins and Bearings

Item	Part No.	Description	Qty.
1	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
2	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	4
3	1256267GT	ROD END,.5 X 3.75,ZAG	8
4	107859GT	PIN,2.00DIAX12.88LG,CHAMFER***	2
5	18720GT	BEARING,2.0IDX2.25ODX1.50L	16
6	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
7	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
8	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	4
9	107588GT	PIN,2.00DIAX10.88LG,CHAMFER	4
10	1256844GT	SCREW,HHC,1/2-13X1.5,8,ZAG	4
11	824111GT	WASHER,LOCK,1/2,ZAG	4
12	824029GT	NUT,TL FLG,3/8-16,G,ZAG	4
13	1260940GT	SCREW,HHC,3/8-16X3,8,ZAG	4
14	50455GT	PIN,1.50DIAX13.88LG,2HOLE	4
15	54726GT	WEAR PAD,SECONDARY CYL,NON/JIB Z-45/25 non jib	1
16	1259681GT	SCREW,HHC,3/8-16X3.75,8,ZAG Z-45/25 non jib	
17	1255758GT	WASHER,FLAT,3/8,USS,ZAG Z-45/25 non jib	
18	824029GT	NUT,TL FLG,3/8-16,G,ZAG Z-45/25 non jib	
19	88203GT	CYLINDER,ELEVATE,Z45/25***	2
19-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN for 88203	
19-	77521GT	SEAL KIT,ELEVATE (88203) for 88203	
20	107590GT	PIN,2.00DIAX12.88LG,CHAMFER***	1

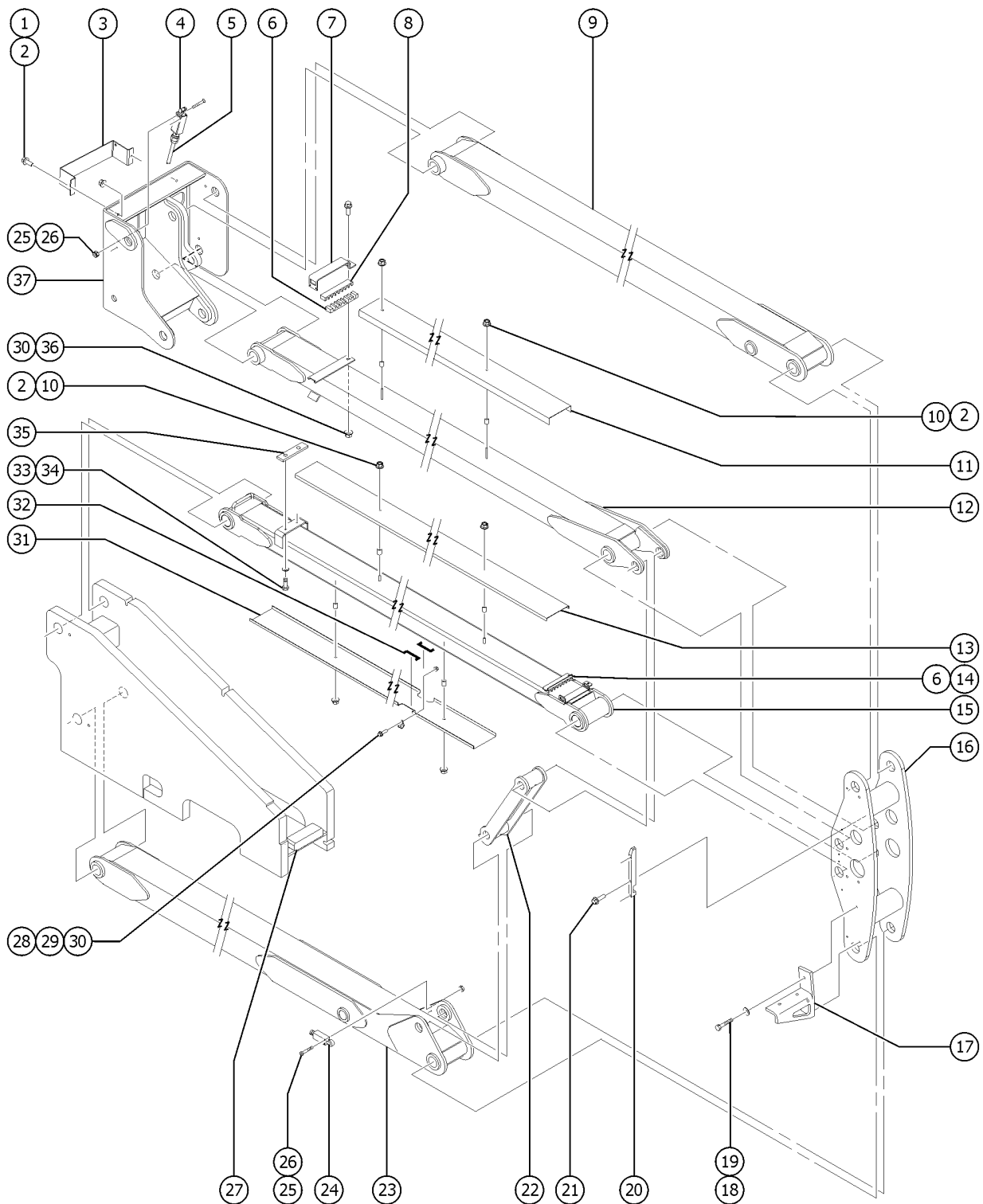
502.1 Boom Linkage, Z-45/25



502.1 Boom Linkage, Z-45/25

Item	Part No.	Description	Qty.
1	824092GT	SCREW,HHF,3/8-16X1.5,8,ZAG	2
2A	824029GT	NUT,TL FLG,3/8-16,G,ZAG	11
		to SN F-59120	
2B	1274322GT	NUT,NYLOCK FLG,3/8-16,G,ZAG	16
		from SN F-59121	
3	237688GT	COVER, UPPER PIVOT	1
4	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
4-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
4-	97128GT	ROLLER ARM,LIMIT SWITCH***	
5	43960GT	WIRE CABLE,16/4 CON.TPE JKT	
6	94529GT	CLAMPING BLOCK,HOSE***	2
7	94531PGT	BRACKET,HOSE CLAMP PAINTED***	1
8	128998GT	CLAMPING BLOCK, CABLE, Z45/51	1
9	106983GT	WELDMENT,UPPER SECONDARY***	1
10	42941-75GT	HOSE,3/8",FUEL,30R7	9
11	88370PGT	HOSE COVER,UPPER ARM,PAINTED	1
12	106986GT	WELDMENT,UPPER LEVELING ARM***	1
13	50517-SGT	HOSE COVER,LOWER LEVEL,TOP,PAI	1
14	70685PGT	FORMING, HOSE CLAMP, PAINTED	1
15	106974GT	WELDMENT,LOWER LEVELING ARM	1
16	106972GT	WELDMENT,MID PIVOT,MACHINED***	1
		(decal not included, refer to section 100)	
18A	10587GT	SCREW,HHC,1/2-13 X.75	
		Z-45/25	
20A	107881GT	WEAR PAD,MID PIVOT***	2
		Z-45/25	
21A	824082GT	SCREW,HHF,1/4-20X1.75,8,ZAG	6
		Z-45/25	
22	50479GT	CONNECTING LINK,MACHINED ***	1
23	106976GT	WELDMENT,LOWER,SECONDARY***	1
24	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
24-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
24-	97128GT	ROLLER ARM,LIMIT SWITCH***	
25	1256177GT	SCREW,PHPM,10-32X1.75,ZAG	4

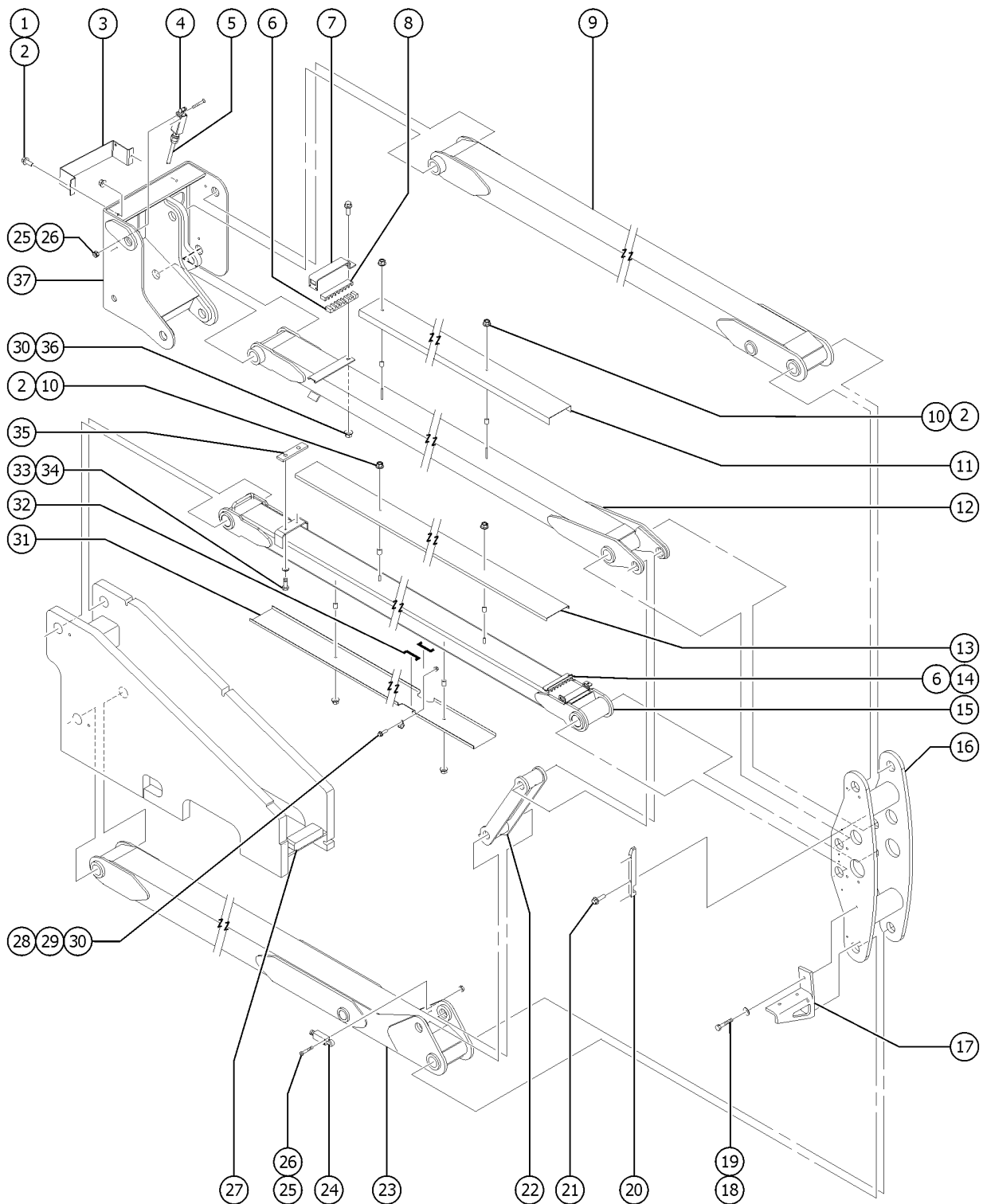
502.1 Boom Linkage, Z-45/25



502.1 Boom Linkage, Z-45/25

Item	Part No.	Description	Qty.
26A	6178GT	NUT, NYLOCK, 10-32 to SN F-59120	4
26B	1274168GT	NUT, NYLOCK, 10-32, A, ZAG from SN F-59121	
27	56849GT	PAD, REST, 1" THICK, W/STUDS* 1	
27-	1274322GT	NUT, NYLOCK FLG, 3/8-16, G, ZAG 2	
28	1256855GT	SCREW, HHF, 1/4-20X.625, 8, ZAG 2	
29	6833GT	CLAMP, 0.50, #8 X 1/4, RUB CUSH 2	
30A	824027GT	NUT, TL FLG, 1/4-20, G, ZAG 4 to SN F-59120	
30B	1277924GT	NUT, NYLOCK FLG, 1/4-20, F, ZAG 4 from SN F-59121	
31	50548PGT	HOSE COVER, LOWER LEVEL, BOT, PAI 1	
32	1697-400GT	TRIMLOCK, BLACK, 3/16 X 4 INCHES 2	
33	1256109GT	SCREW, HHC, 3/8-16X.75, 8, ZAG 2	
34	824110GT	WASHER, LOCK, 3/8, ZAG 2	
35	49772GT	WEAR PAD, 6 X 1.5 X.50, W/INSERT 2	
36	824078GT	SCREW, HHF, 1/4-20X.75, 8, ZAG 2	
37		Ref. Upper Pivot Assembly (refer to 503.1)	

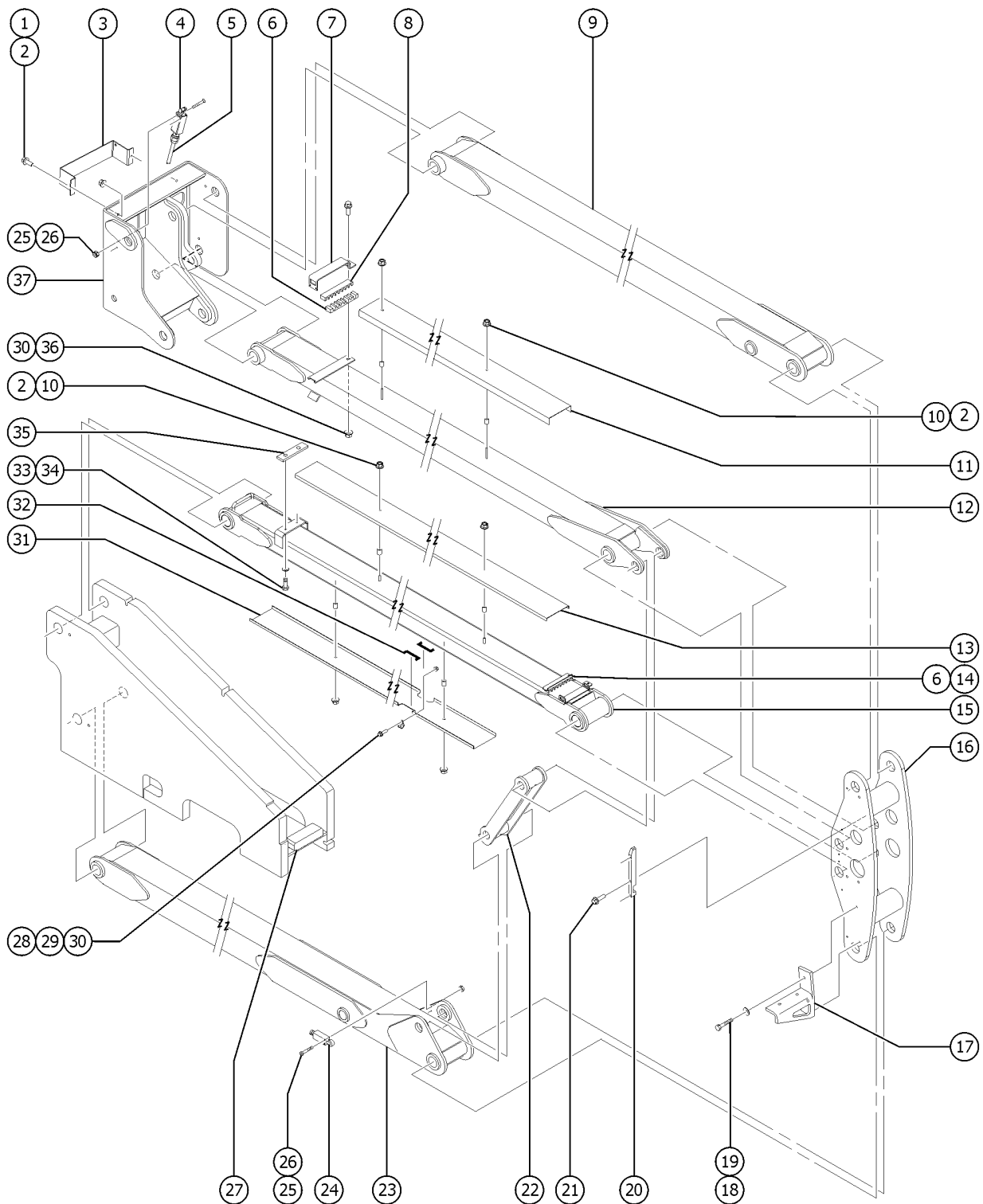
502.2 Boom Linkage, Z-45/25J



502.2 Boom Linkage, Z-45/25J

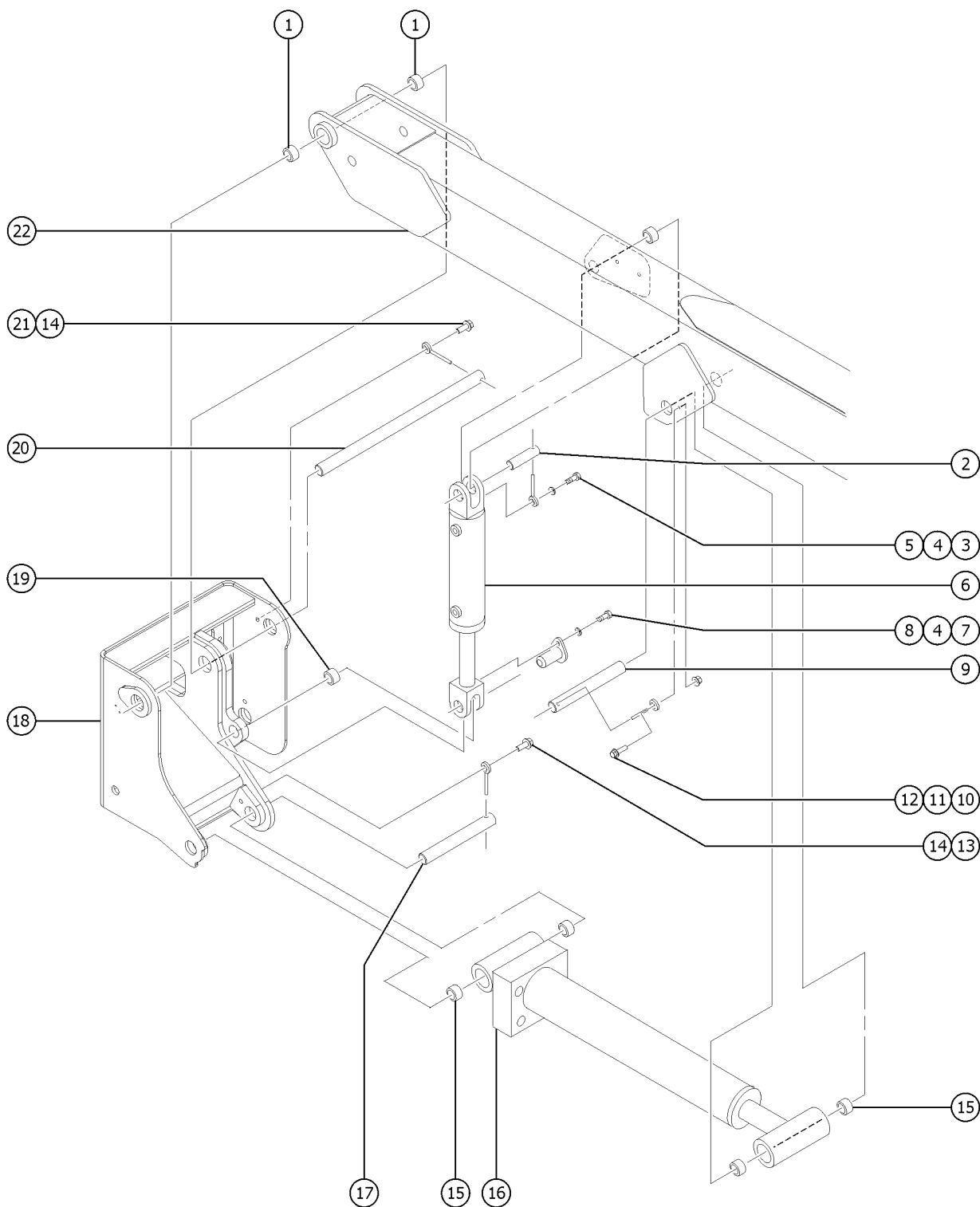
Item	Part No.	Description	Qty.
1	824092GT	SCREW,HHF,3/8-16X1.5,8,ZAG	2
2A	824029GT	NUT,TL FLG,3/8-16,G,ZAG	11
		to SN F-59120	
2B	1274322GT	NUT,NYLOCK FLG,3/8-16,G,ZAG	16
		from SN F-59121	
3	237688GT	COVER, UPPER PIVOT	1
4	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
4-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
4-	97128GT	ROLLER ARM,LIMIT SWITCH***	
5	43960GT	WIRE CABLE,16/4 CON.TPE JKT	
6	94529GT	CLAMPING BLOCK,HOSE***	2
7	94531PGT	BRACKET,HOSE CLAMP PAINTED***	1
8	128998GT	CLAMPING BLOCK, CABLE, Z45/51	1
9	106983GT	WELDMENT,UPPER SECONDARY***	1
10	42941-75GT	HOSE,3/8",FUEL,30R7	9
11	88370PGT	HOSE COVER,UPPER ARM,PAINTED	1
12	106986GT	WELDMENT,UPPER LEVELING ARM***	1
13	50517-SGT	HOSE COVER,LOWER LEVEL,TOP,PAI	1
14	70685PGT	FORMING, HOSE CLAMP, PAINTED	1
15	106974GT	WELDMENT,LOWER LEVELING ARM	1
16	106972GT	WELDMENT,MID PIVOT,MACHINED***	1
		(decal not included, refer to section 100)	
17	50952-SGT	BOOM REST WELDMENT	1
		Z-45/25J	
18B	1256844GT	SCREW,HHC,1/2-13X1.5,8,ZAG	
		Z-45/25J	
19	825353GT	WASHER,FLAT,1/2,SAE,HRD,ZAG	
		Z-45/25J	
20B	107881GT	WEAR PAD,MID PIVOT***	1
		Z-45/25J	
21B	824082GT	SCREW,HHF,1/4-20X1.75,8,ZAG	3
		Z-45/25J	
21C	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	3
		Z-45/25J	
22	50479GT	CONNECTING LINK,MACHINED ***	1
23	106976GT	WELDMENT,LOWER,SECONDARY***	1
24	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1

502.2 Boom Linkage, Z-45/25J



Item	Part No.	Description	Qty.
24-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
24-	97128GT	ROLLER ARM,LIMIT SWITCH***	
25	1256177GT	SCREW,PHPM,10-32X1.75,ZAG	4
26A	6178GT	NUT, NYLOCK, 10-32	4
		to SN F-59120	
26B	1274168GT	NUT,NYLOCK,10-32,A,ZAG	
		from SN F-59121	
27	56849GT	PAD,REST,1"THICK,W/STUDS*	1
27-	824038GT	NUT,TL JAM,3/8-16,A,ZAG	2
28	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	2
29	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	2
30A	824027GT	NUT,TL FLG,1/4-20,G,ZAG	4
		to SN F-59120	
30B	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
		from SN F-59121	
31	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1
32	1697-400GT	TRIMLOCK,BLACK,3/16 X 4 INCHES	2
33	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	2
34	824110GT	WASHER,LOCK,3/8,ZAG	2
35	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	
36	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
37		Ref. Upper Pivot Assembly	
		(refer to 503.1)	

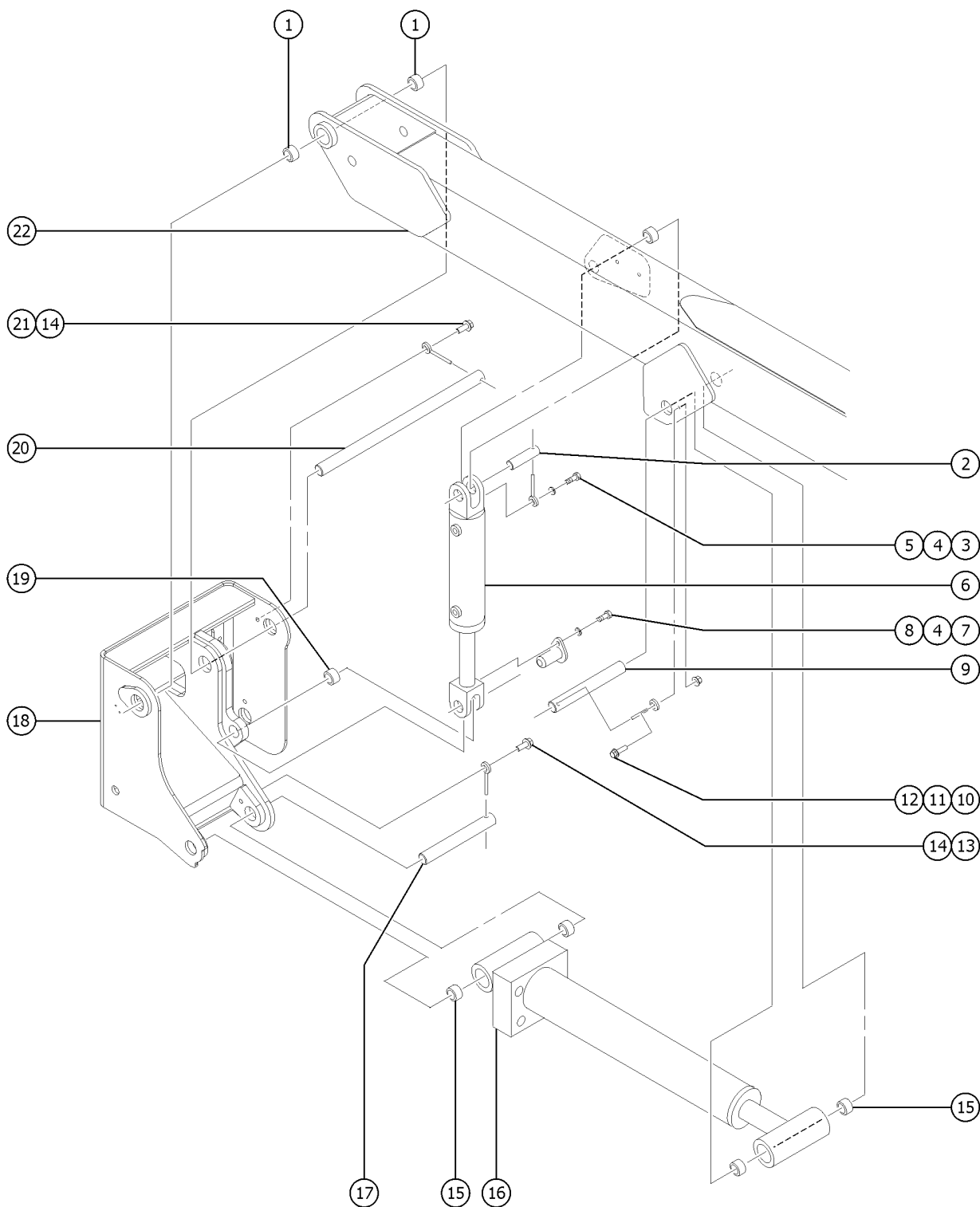
503.1 Upper Pivot Components, Z-45/25



503.1 Upper Pivot Components, Z-45/25

Item	Part No.	Description	Qty.
1	18720GT	BEARING,2.0IDX2.25ODX1.50L	2
2	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
3	824067GT	SCREW,HHC,3/8-16X1,8,ZAG	
4	824110GT	WASHER,LOCK,3/8,ZAG	
5	1255452GT	ROD END,.375 X 2.25,ZAG	1
6	77362GT	CYLINDER,MASTER,Z45***	1
6-	77364GT	SEAL KIT,MASTER & SLAVE CYL	
7	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	
8	70671GT	PIN,1.25 DIA X 3.19 LG, PLATE	1
9	50542GT	PIN,1.75DIAX9.25LG,1HOLE	1
10	824092GT	SCREW,HHF,3/8-16X1.5,8,ZAG	
11	825019GT	ROD END,.375X3.69,ZAG	1
12	824029GT	NUT,TL FLG,3/8-16,G,ZAG	
13	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	1
14	1256267GT	ROD END,.5 X 3.75,ZAG	2
15	1262633GT	BEARING,POLYGON,BM5120	4
16A	1263056GT	CYLINDER,PRIM LIFT NON JIB,Z45	1
		Z-45/25 (includes item 15)	
17	1263057GT	CYLINDER,PRIM LIFT JIB,Z45	1
17-	77189GT	SEAL KIT,CYL,Z45 (77187&77188)	1
		for 77188, 1263057	
17-	77014GT	VALVE,COUNTERBALANCE,3800 PSI	2
		for 77188, 1263057	
18	70589GT	UPPER PIVOT,MACHINING***	1
18-	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
19	30370GT	BEARING,1.25IDX1.5ODX1.00L	1
20	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
21	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	
22		Ref. Primary and Extension Booms	
		(refer to 504.1)	

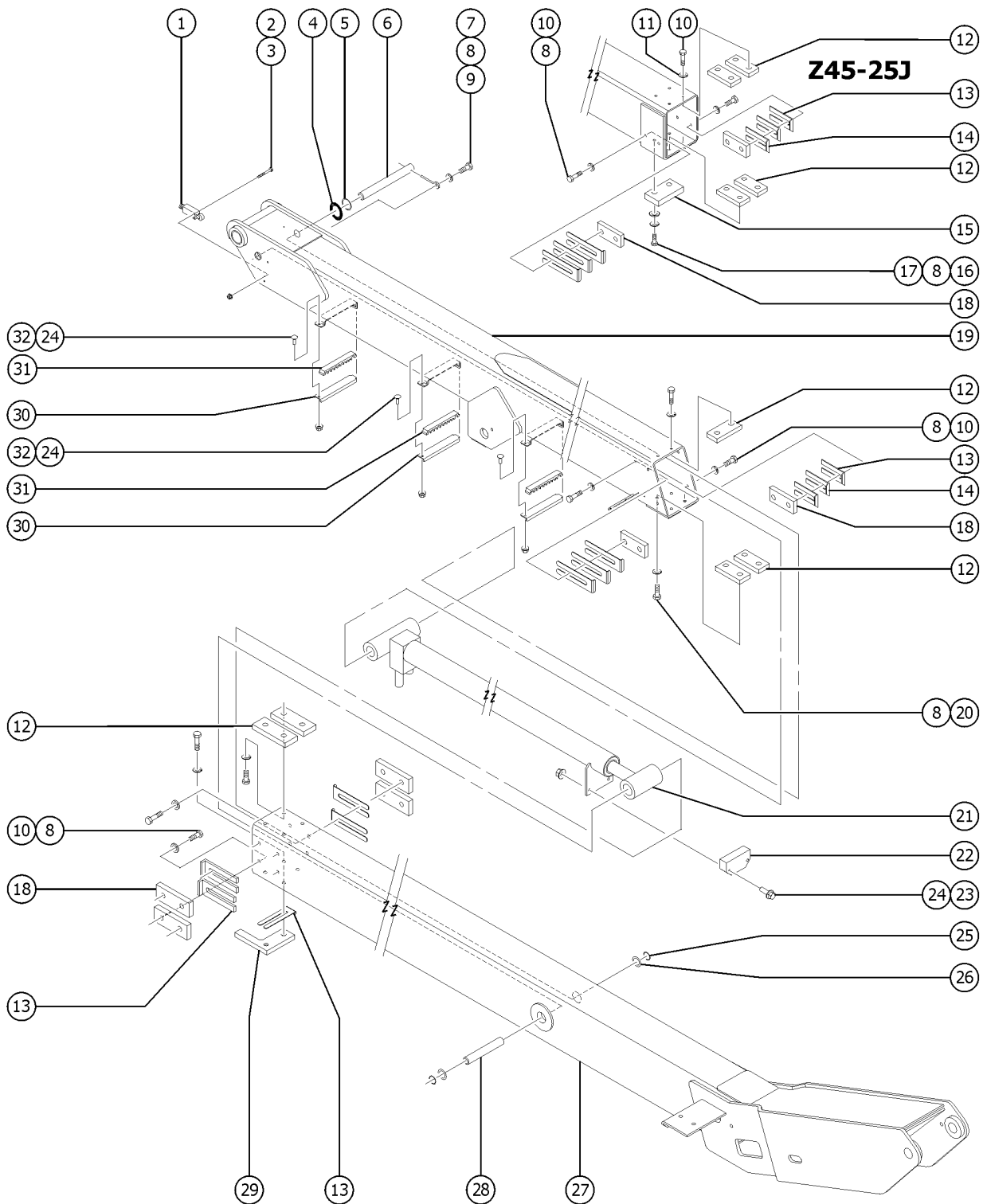
503.2 Upper Pivot Components, Z-45/25J



503.2 Upper Pivot Components, Z-45/25J

Item	Part No.	Description	Qty.
1	18720GT	BEARING,2.0IDX2.25ODX1.50L	2
2	34276GT	PIN,1.25DIA X 3.37LG,1HOLE	1
3	824067GT	SCREW,HHC,3/8-16X1.8,ZAG	
4	824110GT	WASHER,LOCK,3/8,ZAG	
5	1255452GT	ROD END,.375 X 2.25,ZAG	1
6	77362GT	CYLINDER,MASTER,Z45***	1
6-	77364GT	SEAL KIT,MASTER & SLAVE CYL	
7	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	
8	70671GT	PIN,1.25 DIA X 3.19 LG, PLATE	1
9	50542GT	PIN,1.75DIA X 9.25LG,1HOLE	1
10	824092GT	SCREW,HHF,3/8-16X1.5,8,ZAG	
11	825019GT	ROD END,.375X3.69,ZAG	1
12	824029GT	NUT,TL FLG,3/8-16,G,ZAG	
13	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	1
14	1256267GT	ROD END,.5 X 3.75,ZAG	2
15	1262633GT	BEARING,POLYGON,BM5120	4
16B	1263056GT	CYLINDER,PRIM LIFT NON JIB,Z45	1
16B-	77189GT	SEAL KIT,CYL,Z45 (77187&77188)	
146B-	77014GT	VALVE,COUNTERBALANCE,3800 PSI	
17	1263057GT	CYLINDER,PRIM LIFT JIB,Z45	1
17-	77189GT	SEAL KIT,CYL,Z45 (77187&77188)	
		for 77188, 1263057	
17-	77014GT	VALVE,COUNTERBALANCE,3800 PSI	
		for 77188, 1263057	
18	70589GT	UPPER PIVOT,MACHINING***	1
18-	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
19	30370GT	BEARING,1.25IDX1.5ODX1.00L	1
20	88676GT	PIN,2.00DIA X 24.00LG,CHAMFER***	1
21	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	
22		Ref. Primary and Extension Booms	
		(refer to 504.1)	

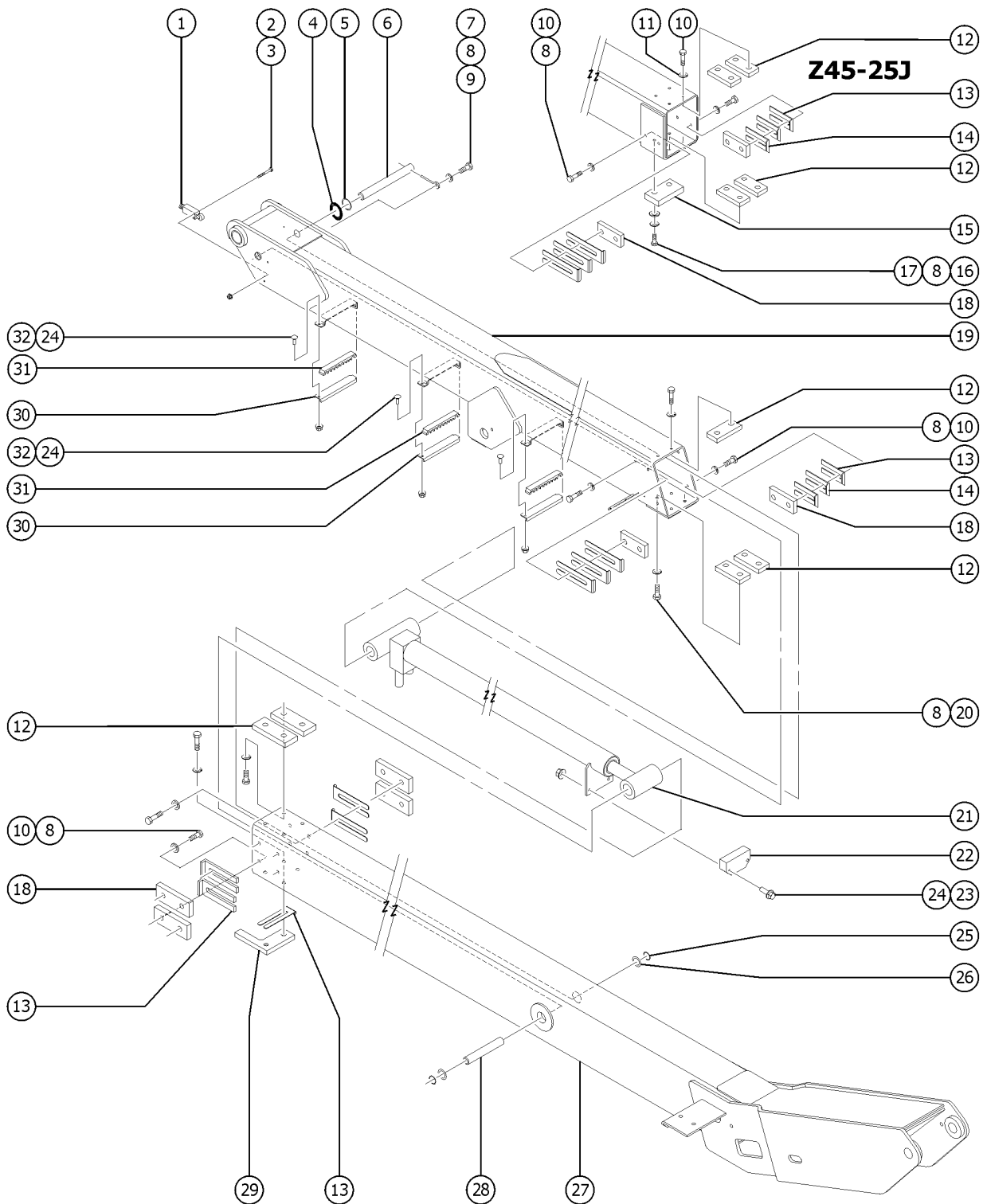
504.1 Primary and Extension Booms (to SN 59508), Z-45/25



504.1 Primary and Extension Booms (to SN 59508), Z-45/25

Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	129
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	19491GT	CONTACTOR,LIMIT SWITCH	
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2A	1256922GT	SCREW,PHPM,10-32X2.25,ZAG	
3	1264261GT	NUT,SERRATED,10-32,ZAG	
4	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
5	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1
6	50584GT	PIN,1.25DIA X9.38LG,THREADED	4
7	824068GT	SCREW,HHC,3/8-16X1.25,8,ZAG	
8	824110GT	WASHER,LOCK,3/8,ZAG	29
9	825019GT	ROD END,.375X3.69,ZAG	1
10	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	24
11	824113GT	WASHER,FLAT,1/4,USS,ZAG	4
12	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	7
		Z-45/25 non Jib	
13	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	9
14	42502GT	SHIM,SIDE PAD 22GA.	8
16	1256847GT	SCREW,HHC,3/8-16X1.75,8,ZAG	2
17	825358GT	WASHER,FLAT,5/16,USS,ZAG	
18	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
19A	128603GT	WELDMENT,PRIMARY BOOM,Z45NJ	1
		Z-45/25 non Jib, bearings and word decals included	
20	824068GT	SCREW,HHC,3/8-16X1.25,8,ZAG	4
21A	54570GT	CYLINDER,EXTEND,Z45 NON JIB	1
		Z-45/25 non Jib	
21A-	54063GT	VALVE,CB.CBBC-LHN@1000***	
		for 54570	
21A-	65788GT	SEAL KIT CYL Z45 (54570)	
		for 54570	
21A-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
		for 54570	
22	50698GT	WEAR PAD,EXTENSION CYLINDER	1
23A	824082GT	SCREW,HHF,1/4-20X1.75,8,ZAG	2

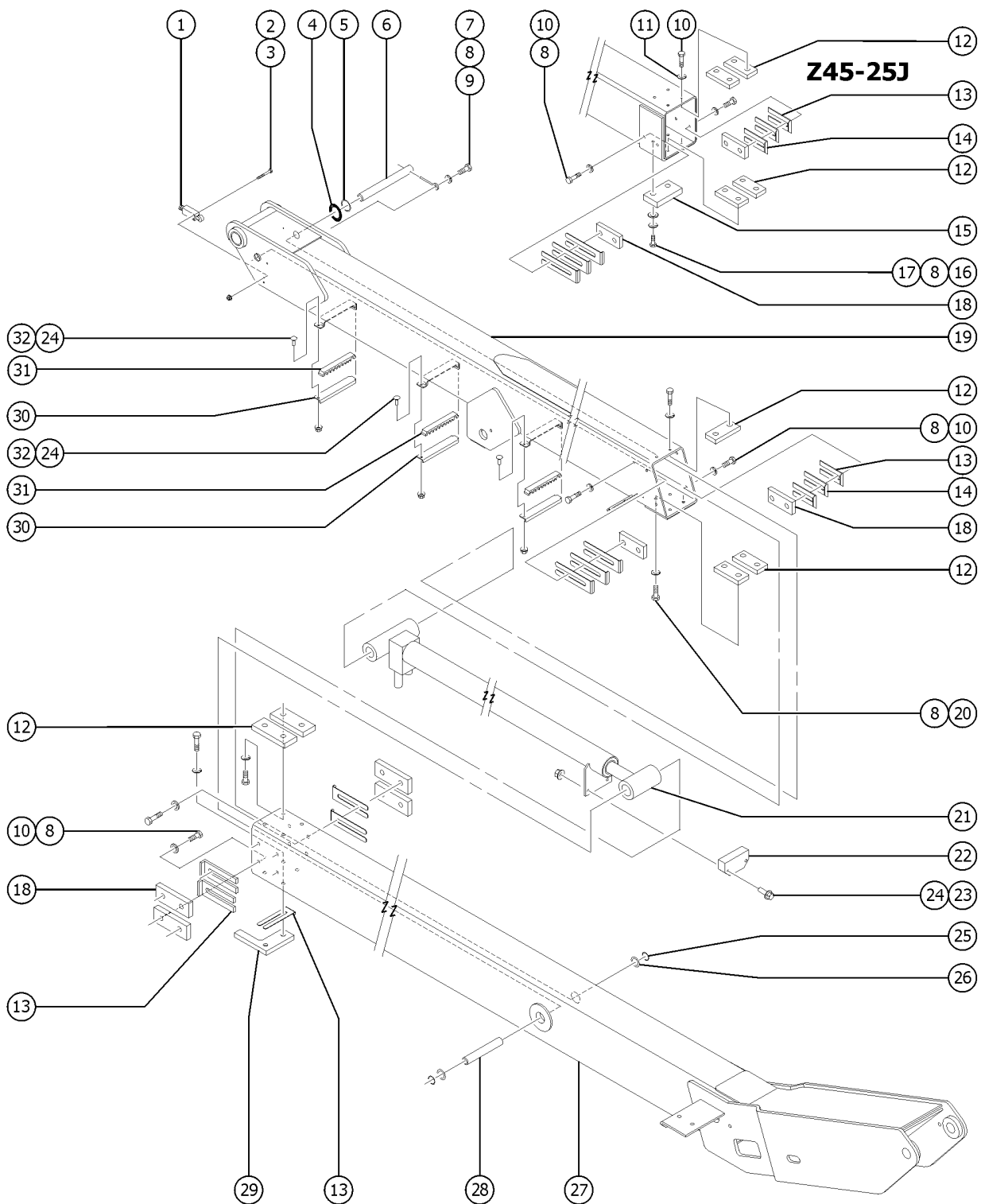
504.1 Primary and Extension Booms (to SN 59508), Z-45/25



504.1 Primary and Extension Booms (to SN 59508), Z-45/25

Item	Part No.	Description	Qty.
24	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
25	824164GT	SNAP RING, EXTERNAL, 1.25, ZAG	2
26A	824151GT	WASHER, SHIM, 1.270X2.130X.062, Z	2
27A	128605GT	WELDMENT, EXT. BOOM, Z45 NJ Z-45/25 non Jib (shown)	1
28	50546GT	PIN, 1.25 DIA X 6.36 LG, 2RING	1
29	50552GT	WEAR PAD, EXTENSION BOOM	1
30	128995GT	FORMING, HOSE CLAMP RETAINER	3
31	128601GT	CLAMP, PRI, HOSE/CABLE, Z45/51	3
32A	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	3

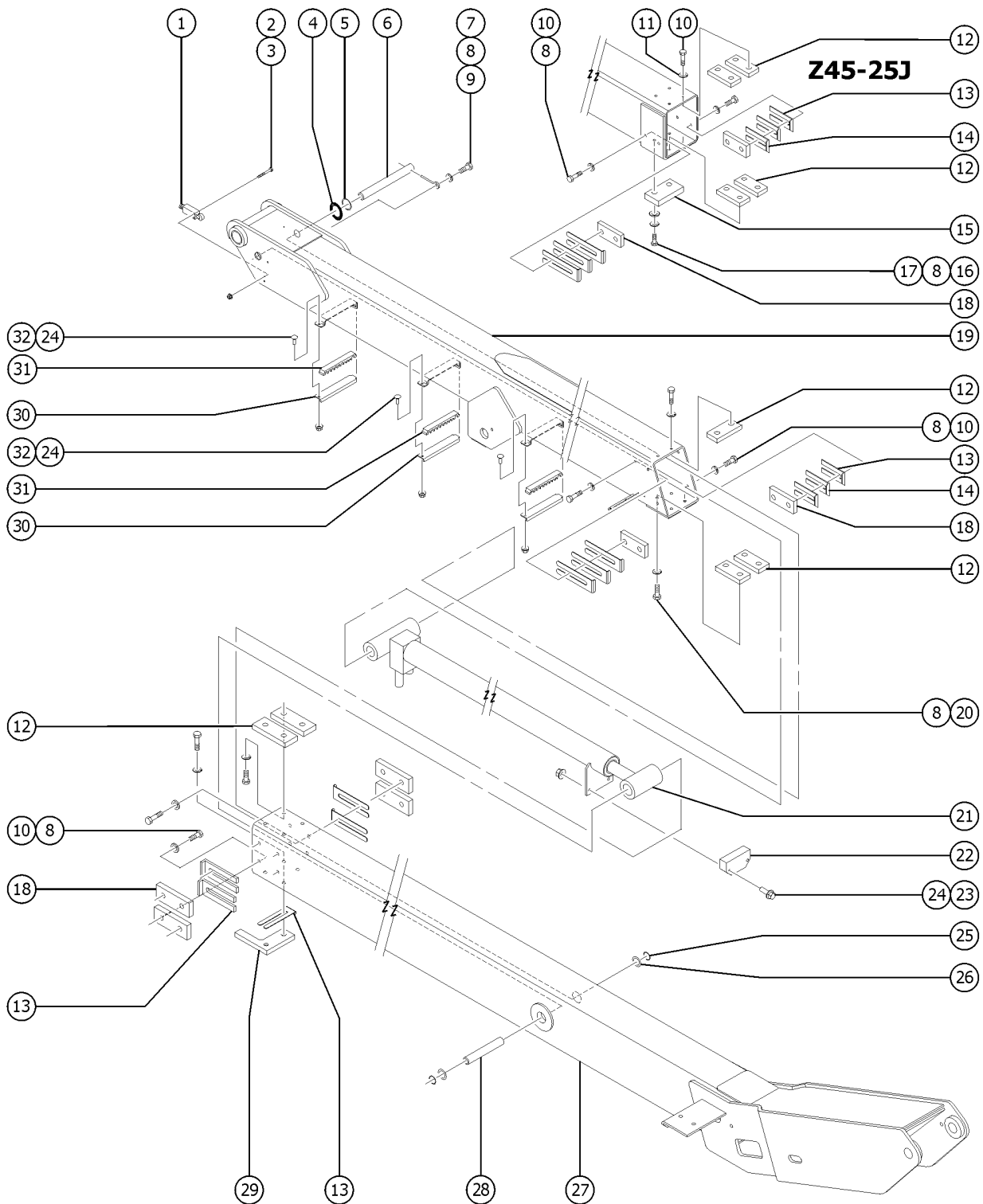
504.2 Primary and Extension Booms (to SN 59508), Z-45/25J



504.2 Primary and Extension Booms (to SN 59508), Z-45/25J

Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	19491GT	CONTACTOR,LIMIT SWITCH	
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2A	1256922GT	SCREW,PHPM,10-32X2.25,ZAG	
2B	1265481GT	SCREW,PHPM,10-32X2,ZAG	
		Z-45/25J	
3	1264261GT	NUT,SERRATED,10-32,ZAG	
4	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
5	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1
6	50584GT	PIN,1.25DIAX9.38LG,THREADED	4
7	824068GT	SCREW,HHC,3/8-16X1.25,8,ZAG	
8	824110GT	WASHER,LOCK,3/8,ZAG	29
9	825019GT	ROD END,.375X3.69,ZAG	1
10	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	24
11	824113GT	WASHER,FLAT,1/4,USS,ZAG	4
13	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	9
14	42502GT	SHIM,SIDE PAD 22GA.	8
15	54157GT	WEAR PAD,PRIMARY BOOM,JIB	1
		Z-45/25J	
16	1256847GT	SCREW,HHC,3/8-16X1.75,8,ZAG	2
17	825358GT	WASHER,FLAT,5/16,USS,ZAG	
18	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
19B	128301GT	WELDMENT,PRIMARY BOOM,Z45 JIB	
		Z-45/25J, bearings and word decals included	
20	824068GT	SCREW,HHC,3/8-16X1.25,8,ZAG	4
21B	54569GT	CYLINDER,EXTEND,Z45J***	
		Z-45/25J	
21B-	54063GT	VALVE,CB.CBBC-LHN@1000***	
		for 54569	
21B-	65790GT	SEAL KIT CYL.Z45(54569)	
		for 54569	
21B-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
		for 54569	
21B-	43018GT	SEAL KIT (39345)	
		for 54063	

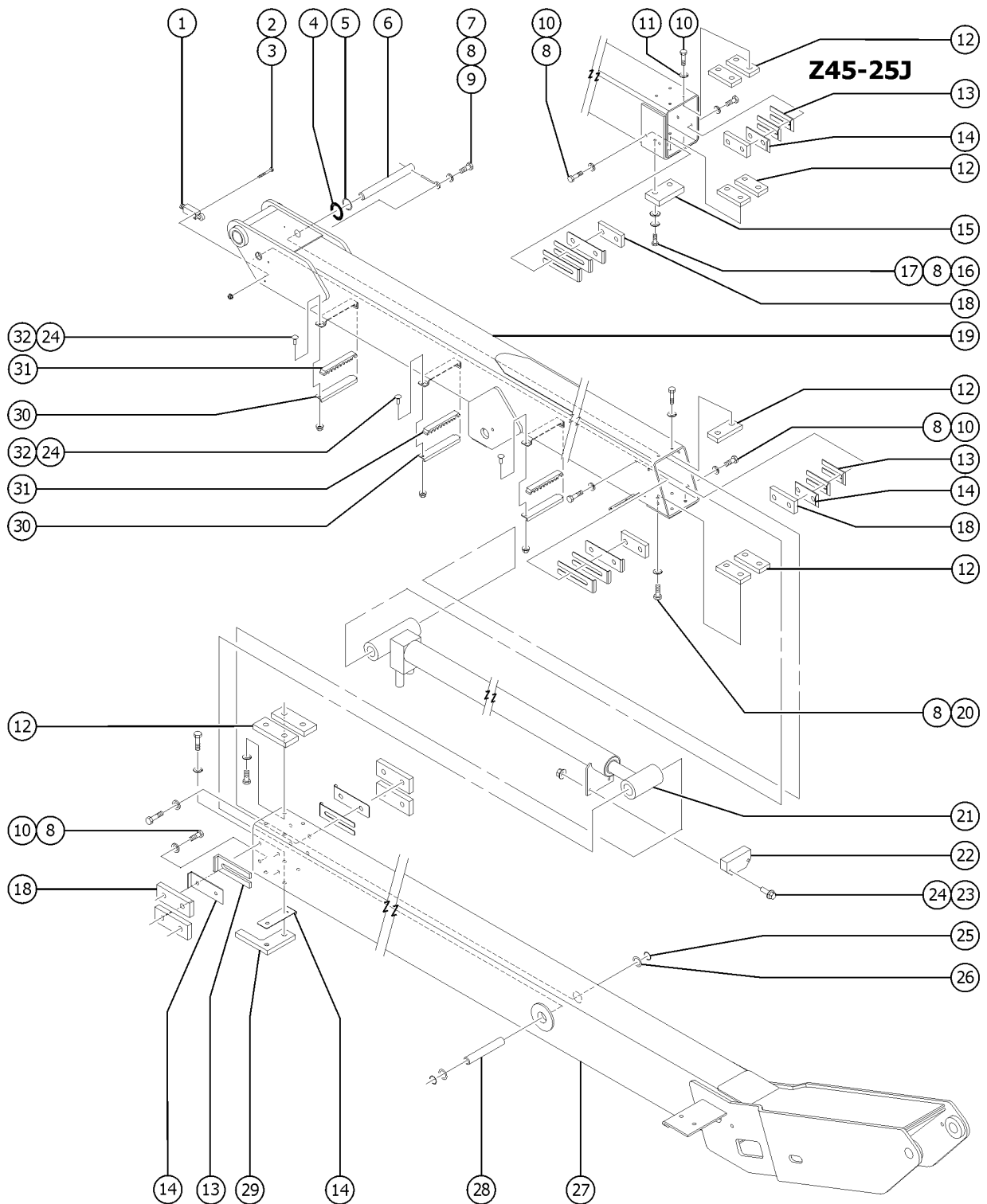
504.2 Primary and Extension Booms (to SN 59508), Z-45/25J



504.2 Primary and Extension Booms (to SN 59508), Z-45/25J

Item	Part No.	Description	Qty.
22	50698GT	WEAR PAD,EXTENSION CYLINDER	1
23A	824082GT	SCREW,HHF,1/4-20X1.75,8,ZAG	2
23B	824063GT	SCREW, HHC, 1/4-20 X 1.75, 8, ZAG	2
		Z-45/25J	
24	824027GT	NUT,TL FLG,1/4-20,G,ZAG	
25	824164GT	SNAP RING,EXTERNAL,1.25,ZAG	2
26A	824151GT	WASHER,SHIM,1.270X2.130X.062,Z	2
26B	824151GT	WASHER,SHIM,1.270X2.130X.062,Z	4
		Z-45/25J	
27B	128304GT	WELDMENT,EXT. BOOM,Z45 JIB	
		Z-45/25J	
28	50546GT	PIN,1.25DIAX6.36LG,2RING	1
29	50552GT	WEAR PAD,EXTENSION BOOM	1
30	128995GT	FORMING, HOSE CLAMP RETAINER	3
31	128601GT	CLAMP, PRI, HOSE/CABLE, Z45/51	3
32A	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	3
32B	1256127GT	BOLT,CARRIAGE,1/4-20X1,5,ZAG	3
		Z-45/25J	

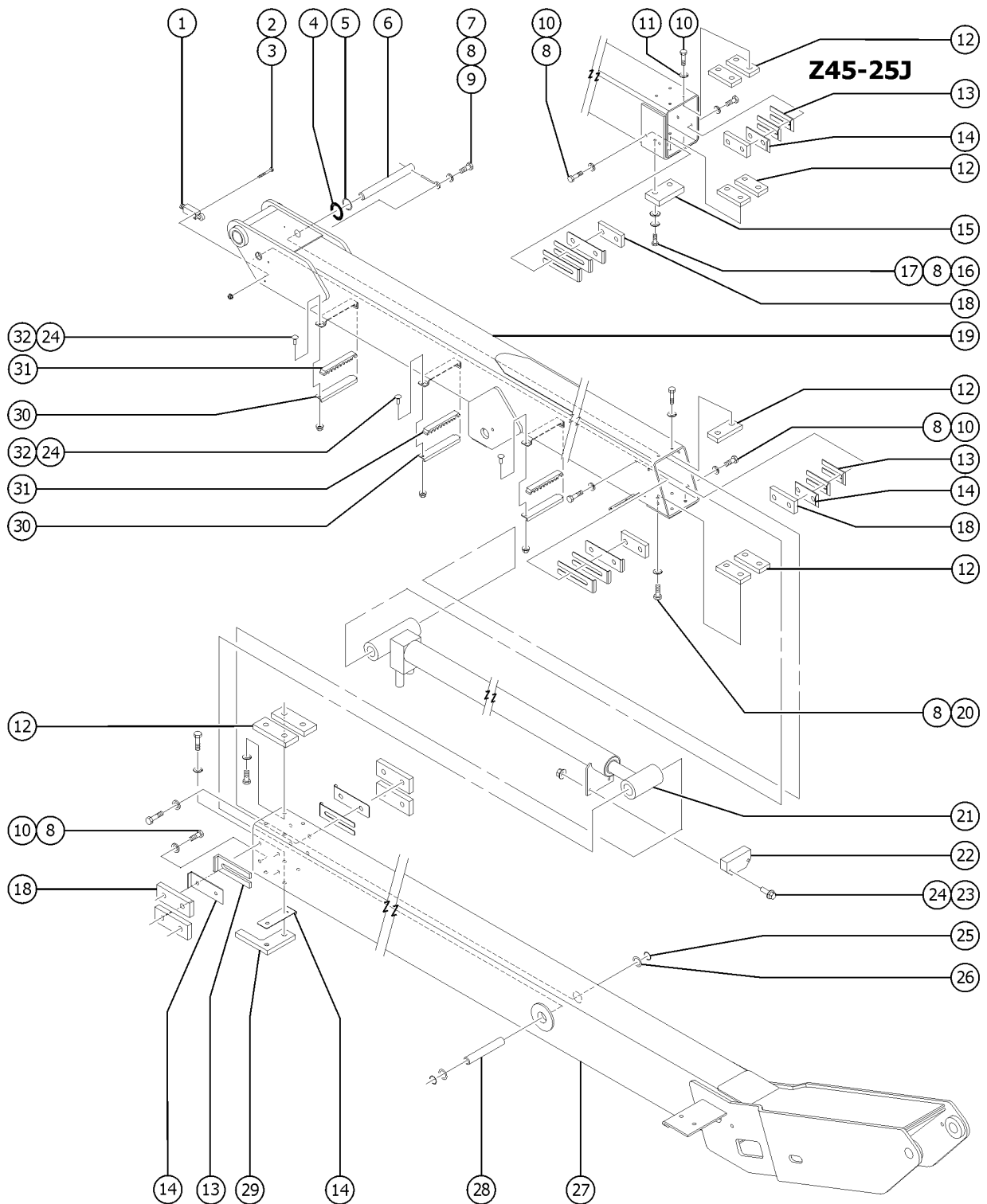
504.3 Primary and Extension Booms (from SN 59509), Z-45/25



504.3 Primary and Extension Booms (from SN 59509), Z-45/25

Item	Part No.	Description	Qty.
A-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	129
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	19491GT	CONTACTOR,LIMIT SWITCH	
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2A	1256922GT	SCREW,PHPM,10-32X2.25,ZAG	
3	1274168GT	NUT,NYLOCK,10-32,A,ZAG	2
4	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
5	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1
6	50584GT	PIN,1.25DIAX9.38LG,THREADED	4
7	824068GT	SCREW,HHC,3/8-16X1.25,8,ZAG	
8	1255758GT	WASHER,FLAT,3/8,USS,ZAG	28
9	825019GT	ROD END,.375X3.69,ZAG	1
10	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	24
11	824113GT	WASHER,FLAT,1/4,USS,ZAG	4
12	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	7
		Z-45/25 non Jib	
13	42502GT	SHIM,SIDE PAD 22GA.	4
14	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	9
16	1256118GT	SCREW,HHC,3/8-16X1.5,8,ZAG	2
17	825358GT	WASHER,FLAT,5/16,USS,ZAG	
18	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
19A	128603GT	WELDMENT,PRIMARY BOOM,Z45NJ	1
		Z-45/25 non Jib, bearings and word decals included	
20	824068GT	SCREW,HHC,3/8-16X1.25,8,ZAG	4
21A	54570GT	CYLINDER,EXTEND,Z45 NON JIB	1
		Z-45/25 non Jib	
21A-	54063GT	VALVE,CB.CBBC-LHN@1000***	
		for 54570	
21A-	65788GT	SEAL KIT CYL Z45 (54570)	
		for 54570	
21A-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
		for 54570	
22	50698GT	WEAR PAD,EXTENSION CYLINDER	1
23A	824082GT	SCREW,HHF,1/4-20X1.75,8,ZAG	2

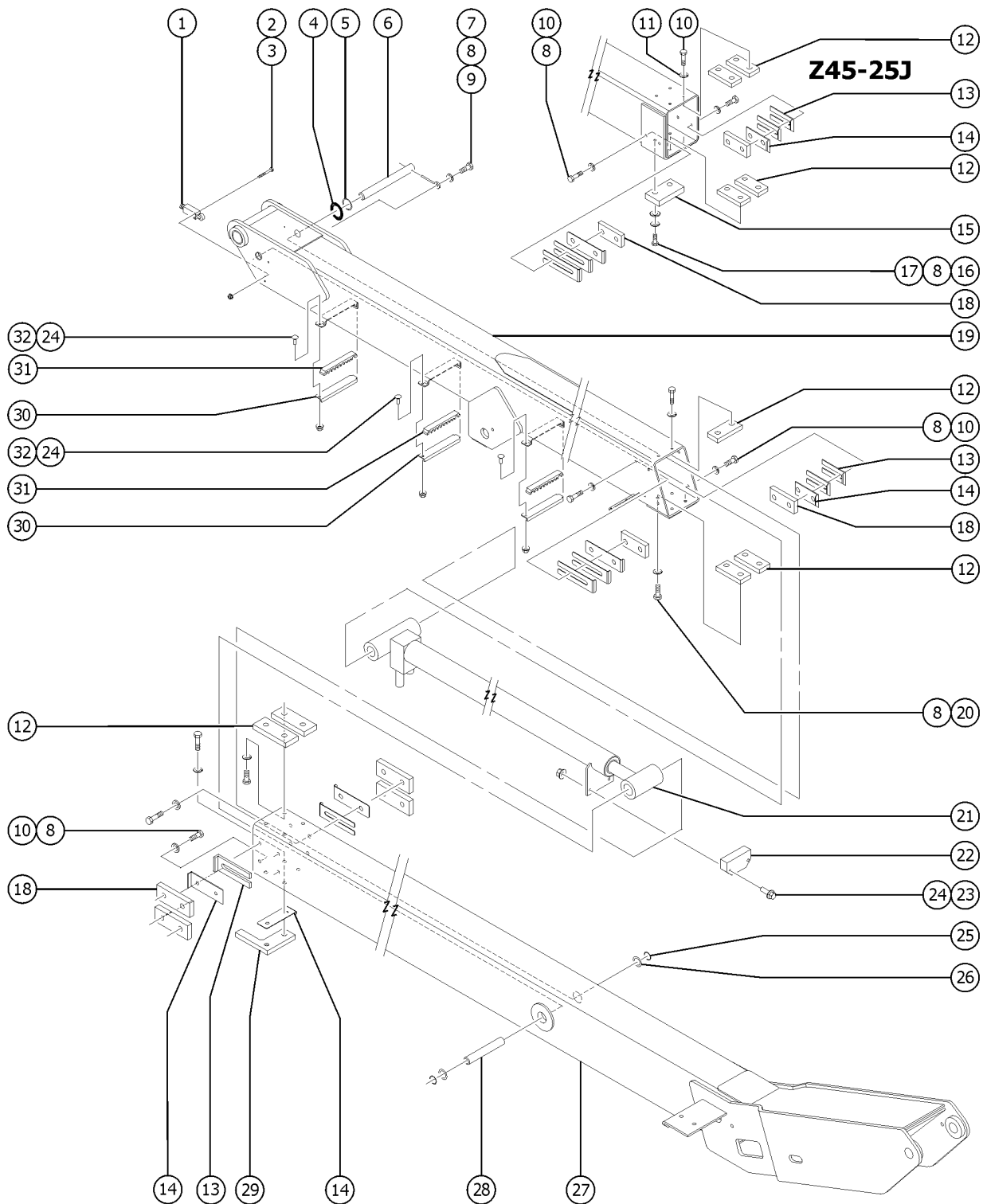
504.3 Primary and Extension Booms (from SN 59509), Z-45/25



504.3 Primary and Extension Booms (from SN 59509), Z-45/25

Item	Part No.	Description	Qty.
24	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
25	824164GT	SNAP RING, EXTERNAL, 1.25, ZAG	2
26A	824151GT	WASHER, SHIM, 1.270X2.130X.062, Z	2
27A	128605GT	WELDMENT, EXT. BOOM, Z45 NJ Z-45/25 non Jib (shown)	1
28	50546GT	PIN, 1.25DIAX6.36LG, 2RING	1
29	50552GT	WEAR PAD, EXTENSION BOOM	1
30	128995GT	FORMING, HOSE CLAMP RETAINER	3
31	128601GT	CLAMP, PRI, HOSE/CABLE, Z45/51	3
32A	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG Z-45/25 non Jib	3

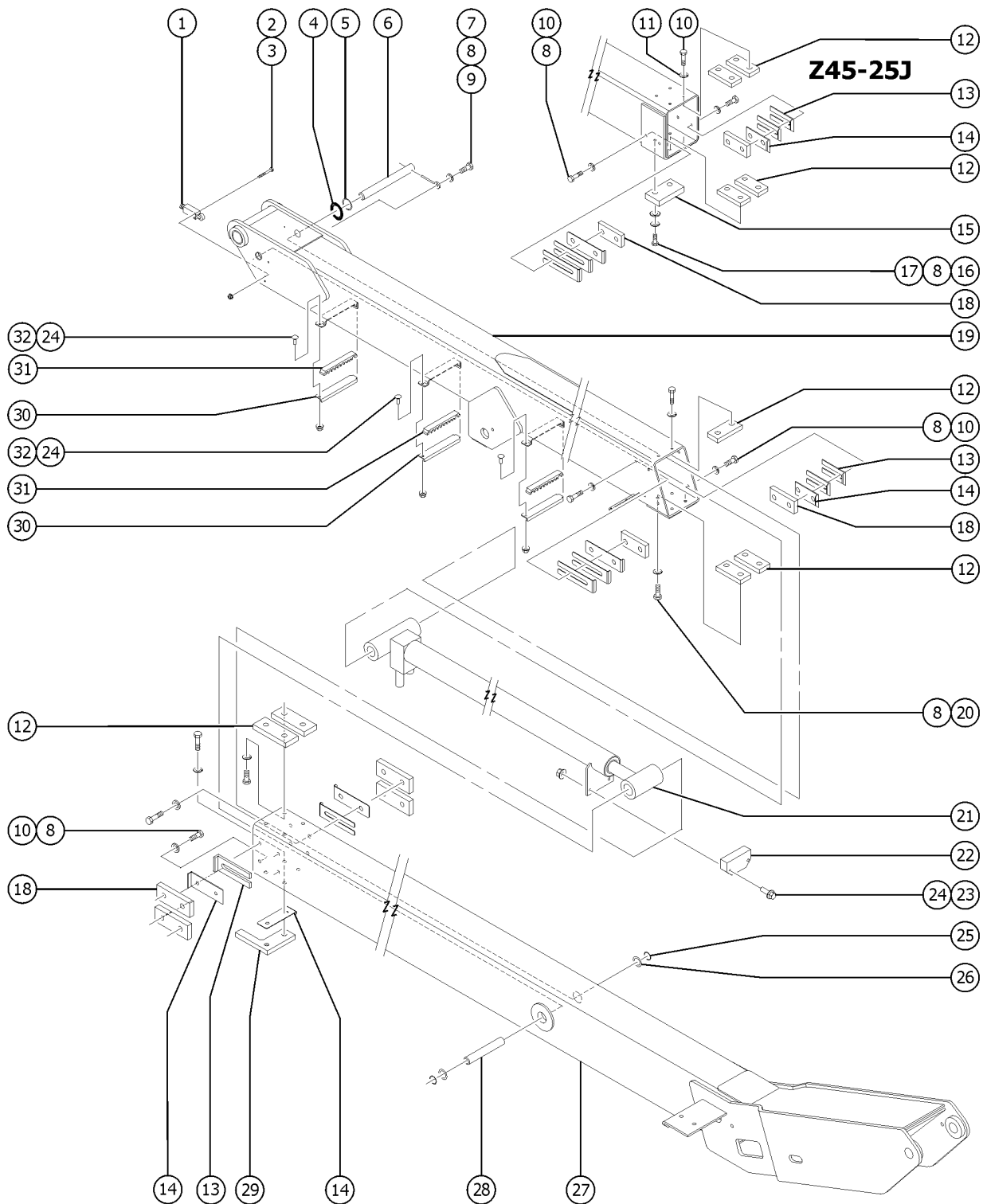
504.4 Primary and Extension Booms (from SN 59509), Z-45/25J



504.4 Primary and Extension Booms (from SN 59509), Z-45/25J

Item	Part No.	Description	Qty.
A-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	129
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	19491GT	CONTACTOR,LIMIT SWITCH	
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2B	1265481GT	SCREW,PHPM,10-32X2,ZAG	
		Z-45/25J	
3	1274168GT	NUT,NYLOCK,10-32,A,ZAG	2
4	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
5	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1
6	50584GT	PIN,1.25DIA X9.38LG,THREADED	4
7	824068GT	SCREW,HHC,3/8-16X1.25,8,ZAG	
8	1255758GT	WASHER,FLAT,3/8,USS,ZAG	28
9	825019GT	ROD END,.375X3.69,ZAG	1
10	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	24
11	824113GT	WASHER,FLAT,1/4,USS,ZAG	4
12	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	7
		Z-45/25 non Jib	
13	42502GT	SHIM,SIDE PAD 22GA.	4
14	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	9
15	54157GT	WEAR PAD,PRIMARY BOOM,JIB	1
		Z-45/25J	
16	1256118GT	SCREW,HHC,3/8-16X1.5,8,ZAG	2
17	825358GT	WASHER,FLAT,5/16,USS,ZAG	
18	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
19B	128301GT	WELDMENT,PRIMARY BOOM,Z45 JIB	
		Z-45/25J, bearings and word decals included	
20	824068GT	SCREW,HHC,3/8-16X1.25,8,ZAG	4
21B	54569GT	CYLINDER,EXTEND,Z45J***	
		Z-45/25J	
21B-	54063GT	VALVE,CB.CBBC-LHN@1000***	
		for 54569	
21B-	65790GT	SEAL KIT CYL.Z45(54569)	
		for 54569	
21B-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
		for 54569	
21B-	43018GT	SEAL KIT (39345)	
		for 54063	

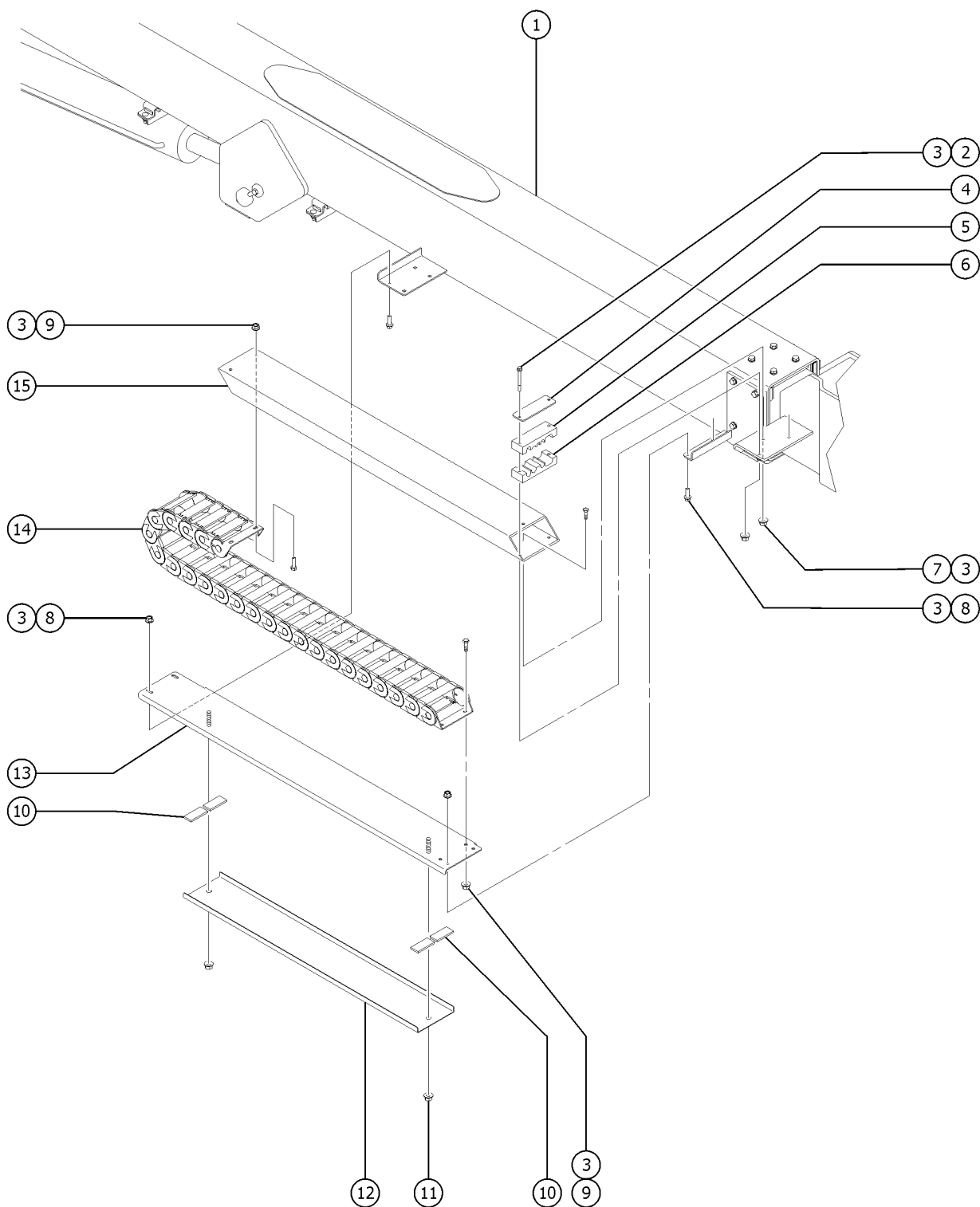
504.4 Primary and Extension Booms (from SN 59509), Z-45/25J



504.4 Primary and Extension Booms (from SN 59509), Z-45/25J

Item	Part No.	Description	Qty.
22	50698GT	WEAR PAD,EXTENSION CYLINDER	1
23B	824063GT	SCREW, HHC, 1/4-20 X 1.75, 8, ZAG	2
		Z-45/25J	
24	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
25	824164GT	SNAP RING, EXTERNAL, 1.25, ZAG	2
26B	824151GT	WASHER, SHIM, 1.270X2.130X.062, Z	4
		Z-45/25J	
27B	128304GT	WELDMENT, EXT. BOOM, Z45 JIB	
		Z-45/25J	
28	50546GT	PIN, 1.25DIAX6.36LG, 2RING	1
29	50552GT	WEAR PAD, EXTENSION BOOM	1
30	128995GT	FORMING, HOSE CLAMP RETAINER	3
31	128601GT	CLAMP, PRI, HOSE/CABLE, Z45/51	3
32B	1256127GT	BOLT, CARRIAGE, 1/4-20X1, 5, ZAG	3
		Z-45/25J	

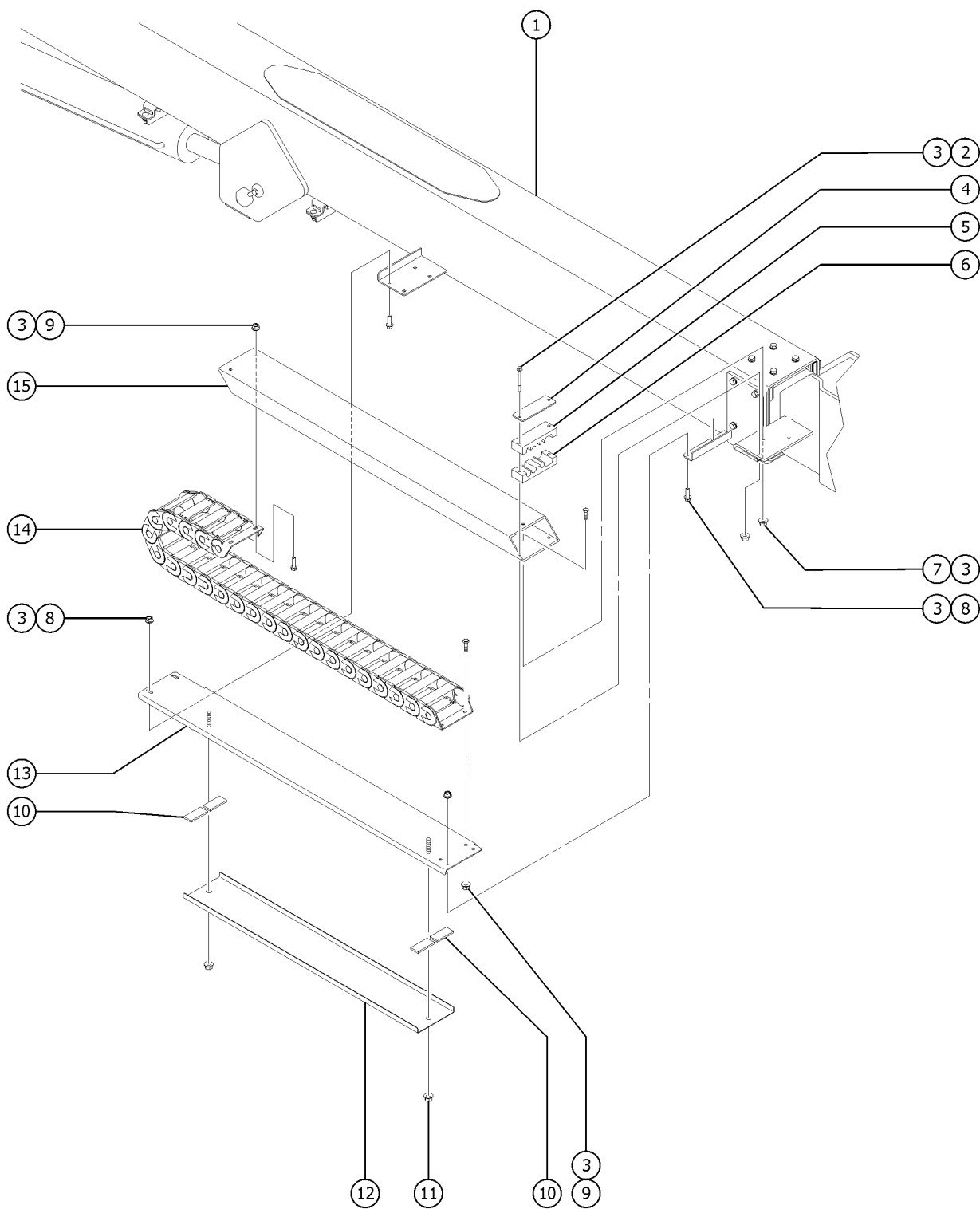
505.1 Cable Track, Z-45/25



505.1 Cable Track, Z-45/25

Item	Part No.	Description	Qty.
1		Ref. Primary and Extension Booms (refer to 504.1)	
2A	1256231GT	SCREW,HHF,1/4-20X2.75,8,ZAG Z-45/25	2
3	824027GT	NUT,TL FLG,1/4-20,G,ZAG Z-45/25	11
4	128862GT	BACKING PLATE, PULLTUBE Z-45/25	1
5	128310GT	CLAMP, JIB HOSE/CABLE, Z45/51 Z-45/25	1
6	128311GT	CLAMP, JIB HOSE/CABLE, Z45/51 Z-45/25	1
7A	824079GT	SCREW,HHF,1/4-20X1,8,ZAG Z-45/25	1
8	824079GT	SCREW,HHF,1/4-20X1,8,ZAG Z-45/25	4
9	824059GT	SCREW,HHC,1/4-20X.75,8,ZAG Z-45/25	4
10	54271GT	SPACER,HOSE CLAMP,RUBBER Z-45/25	4
11	824029GT	NUT,TL FLG,3/8-16,G,ZAG Z-45/25	3
12A	128596GT	COVER, CABLETRACK TRAY, Z51 Z-45/25	1
13A	139779GT	WELDMENT, CABLETRACK TRAY Z-45/25	1
14A	139701GT	CABLE TRACK, NP400, 31 LINK Z-45/25	1
14A-	111051GT	REPAIR LINK,7 LINKS NP400-7*** for 139701	
14A-	111052GT	REPAIR LINK,NP400-7*** for 139701	
14A-	111053GT	REPAIR END BRKT SET,NP400-7*** for 139701	
14B-	111051GT	REPAIR LINK,7 LINKS NP400-7*** for 139702	
14B-	111052GT	REPAIR LINK,NP400-7*** for 139702	
14B-	111053GT	REPAIR END BRKT SET,NP400-7*** for 139702	
15A	128597GT	TUBE, CABLETRACK ARM, Z51 Z-45/25	1

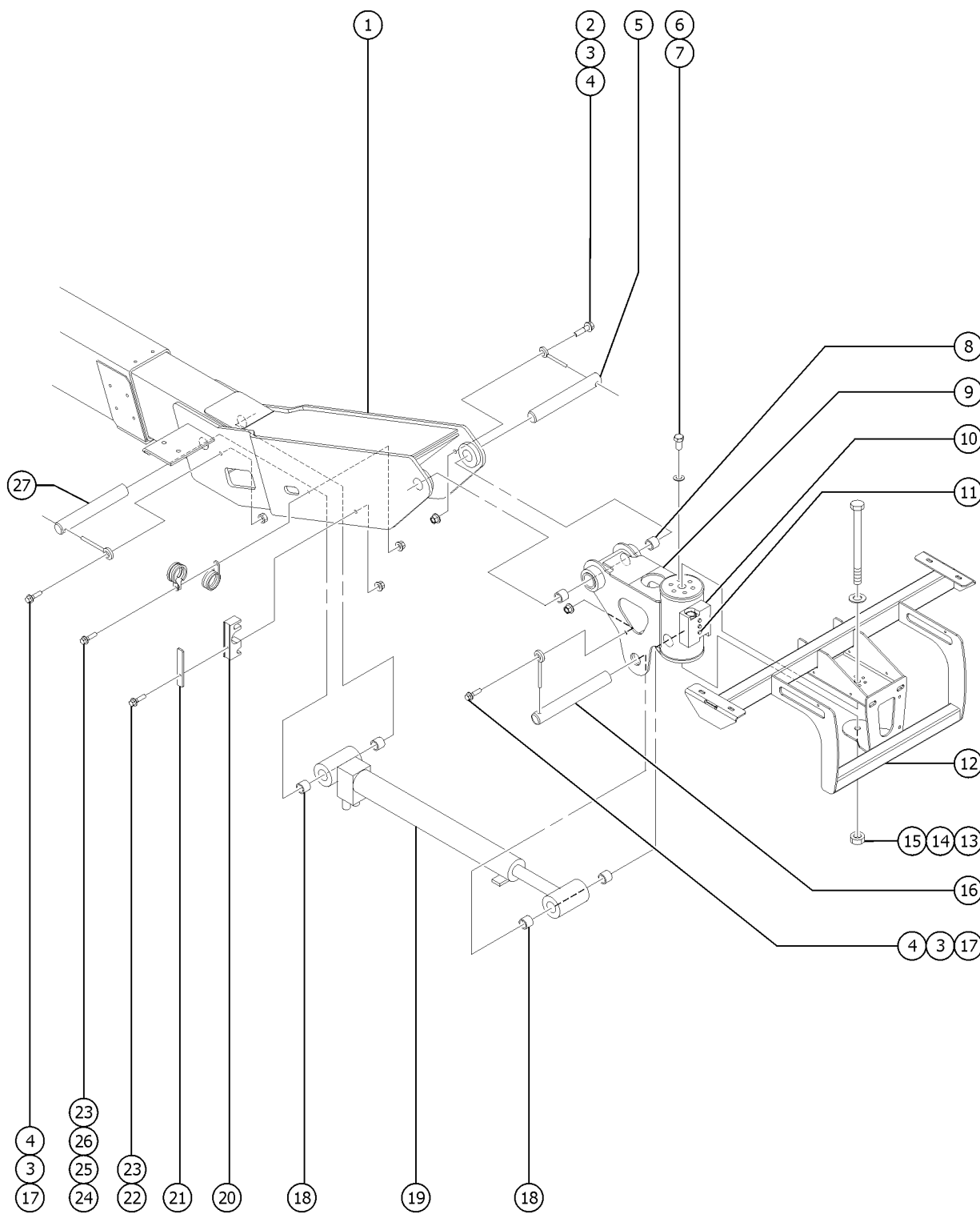
505.2 Cable Track, Z-45/25J



505.2 Cable Track, Z-45/25J

Item	Part No.	Description	Qty.
1		Ref. Primary and Extension Booms (refer to 504.1)	
2B	1256803GT	SCREW,HHC,1/4-20X2.75,8,ZAG Z-45/25J	2
3	824027GT	NUT,TL FLG,1/4-20,G,ZAG Z-45/25J	11
4	128862GT	BACKING PLATE, PULLTUBE Z-45/25J	1
5	128310GT	CLAMP, JIB HOSE/CABLE, Z45/51 Z-45/25J	1
6	128311GT	CLAMP, JIB HOSE/CABLE, Z45/51 Z-45/25J	1
7B	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG Z-45/25J	1
8	824079GT	SCREW,HHF,1/4-20X1,8,ZAG Z-45/25J	4
9	824059GT	SCREW,HHC,1/4-20X.75,8,ZAG Z-45/25J	4
10	54271GT	SPACER,HOSE CLAMP,RUBBER Z-45/25J	4
11	1274322GT	NUT,NYLOCK FLG,3/8-16,G,ZAG Z-45/25J	3
12B	128308GT	COVER,CABLETRACK TRAY,Z40/45 Z-45/25J	1
13B	139781GT	WELDMENT, CABLETRACK TRAY Z-45/25J	1
14A-	111051GT	REPAIR LINK,7 LINKS NP400-7*** for 139701	
14A-	111052GT	REPAIR LINK,NP400-7*** for 139701	
14A-	111053GT	REPAIR END BRKT SET,NP400-7*** for 139701	
14B	139702GT	CABLE TRACK, NP400, 23 LINK Z-45/25J	1
14B-	111051GT	REPAIR LINK,7 LINKS NP400-7*** for 139702	
14B-	111052GT	REPAIR LINK,NP400-7*** for 139702	
14B-	111053GT	REPAIR END BRKT SET,NP400-7*** for 139702	
15B	128309GT	TUBE, CABLETRACK ARM, Z40/45 Z-45/25J	1

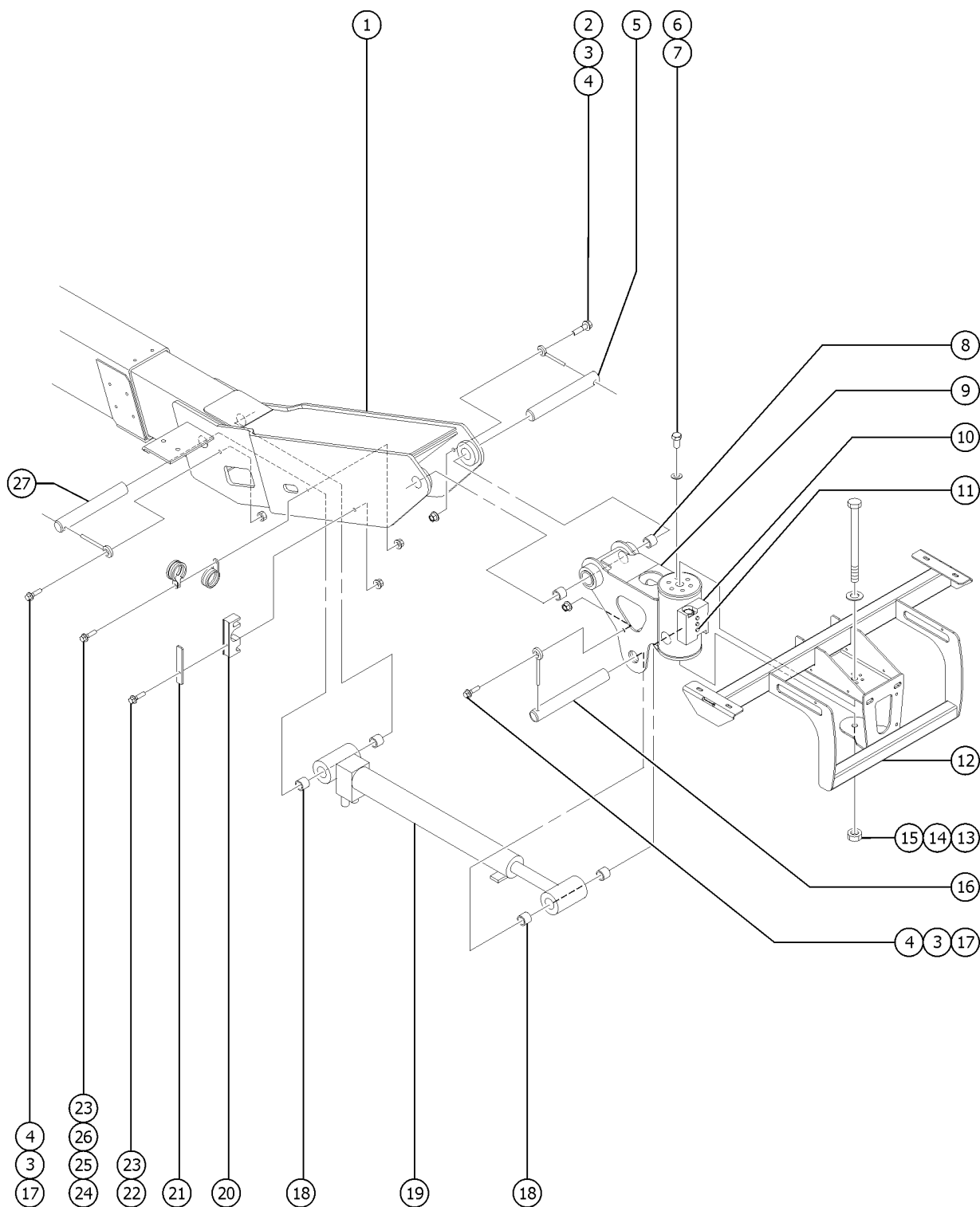
506.1 Non-Jib Platform Leveling and Rotation , Z-45/25



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

Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103
1		Ref. Primary Extension Boom	
		(refer to 504.1)	
2	824092GT	SCREW,HHF,3/8-16X1.5,8,ZAG	1
3	825019GT	ROD END,.375X3.69,ZAG	3
4	824029GT	NUT,TL FLG,3/8-16,G,ZAG	3
5	50543GT	PIN,1.25DIA X8.88LG,1HOLE	1
6	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	6
7	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG	6
8	30222GT	BEARING,FL,1.25ID X1.41OD X1.50L	2
9	233716GT	ROTATOR,PLAT,Z45	1
		non-jib units	
9-	233745GT	SEAL AND BRG KIT,4.5K ROTATOR	
10		Ref. Counterbalance Manifold	
		(refer to 704.1)	
11	824080GT	SCREW,HHF,1/4-20X1.25,8,ZAG	3
12	54520-SGT	WELDMNT,PLATFRM SUPPORT,NJIB**	1
13	1257458GT	NUT,TL,3/4-10,C,ZAG	1
14	1256863GT	WASHER,FLAT,.75,SAE,HRD,ZAG	1
15	1273205GT	SCREW,HHC,3/4-10X9.5,8,ZAG	1
16	T108075GT	PIN,1.25DIA X5.25LG,1HOLE	1
17	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	2
18	25683GT	BEARING,POLYGON,20DU12	4
19	77363GT	CYLINDER,SLAVE,Z45***	1
19-	43018GT	SEAL KIT (39345)	
		for 54065	
19-	54065GT	VALVE,COUNTERBALANCE,3500***	
		for 77363	
19-	77364GT	SEAL KIT,MASTER & SLAVE CYL	
		for 77363	
20	139687GT	CLAMP, #4 HOSE, AIR AND LOOM	1
21	139688GT	BRACKET, HOSE CLAMP SUPPORT	1
22	1256231GT	SCREW,HHF,1/4-20X2.75,8,ZAG	1
23	824027GT	NUT,TL FLG,1/4-20,G,ZAG	2

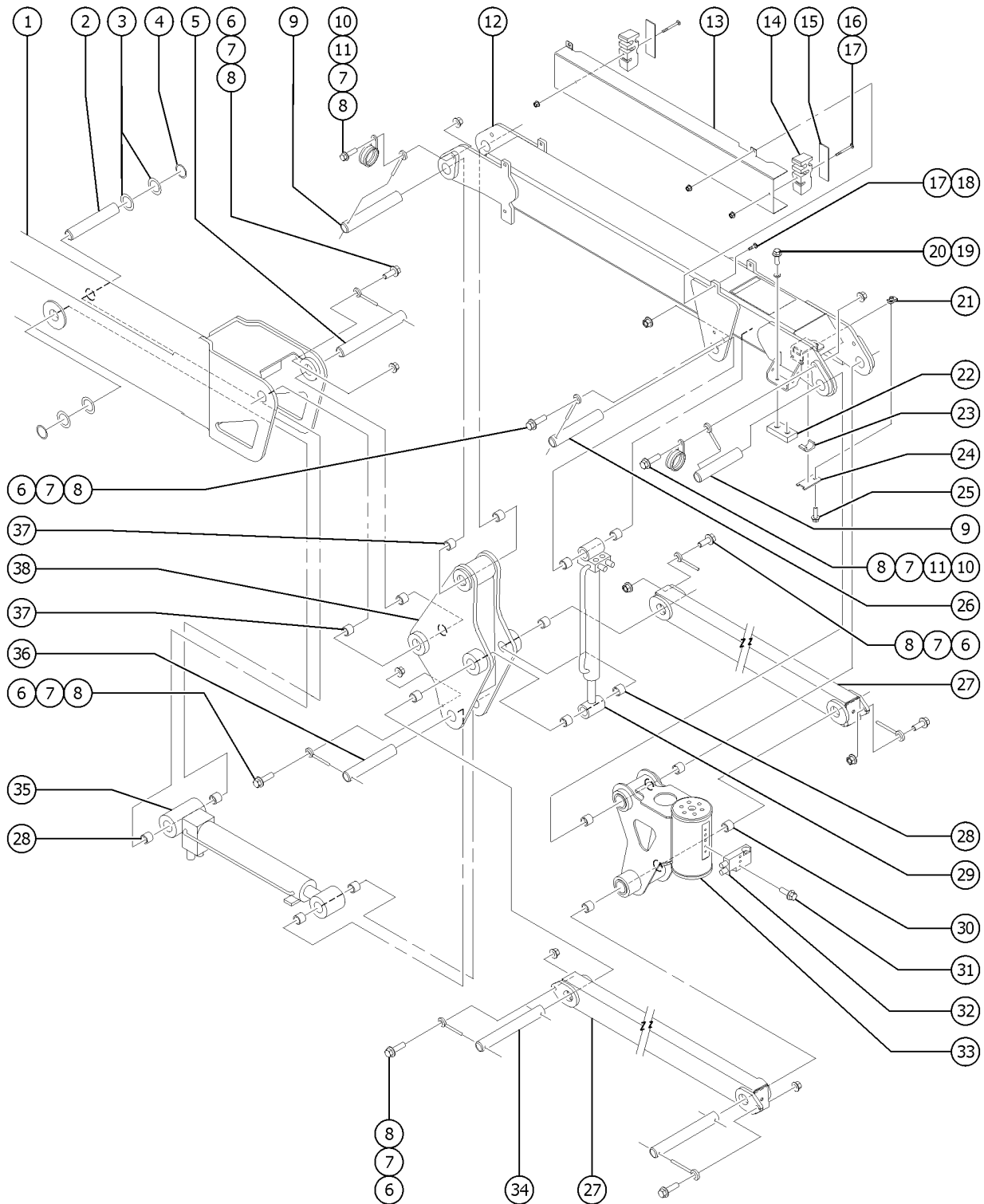
506.1 Non-Jib Platform Leveling and Rotation , Z-45/25



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

Item	Part No.	Description	Qty.
24	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
25	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	1
26	21619GT	CLAMP,1.50,#24 X 1/4,RUB CUSH	1
27	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1

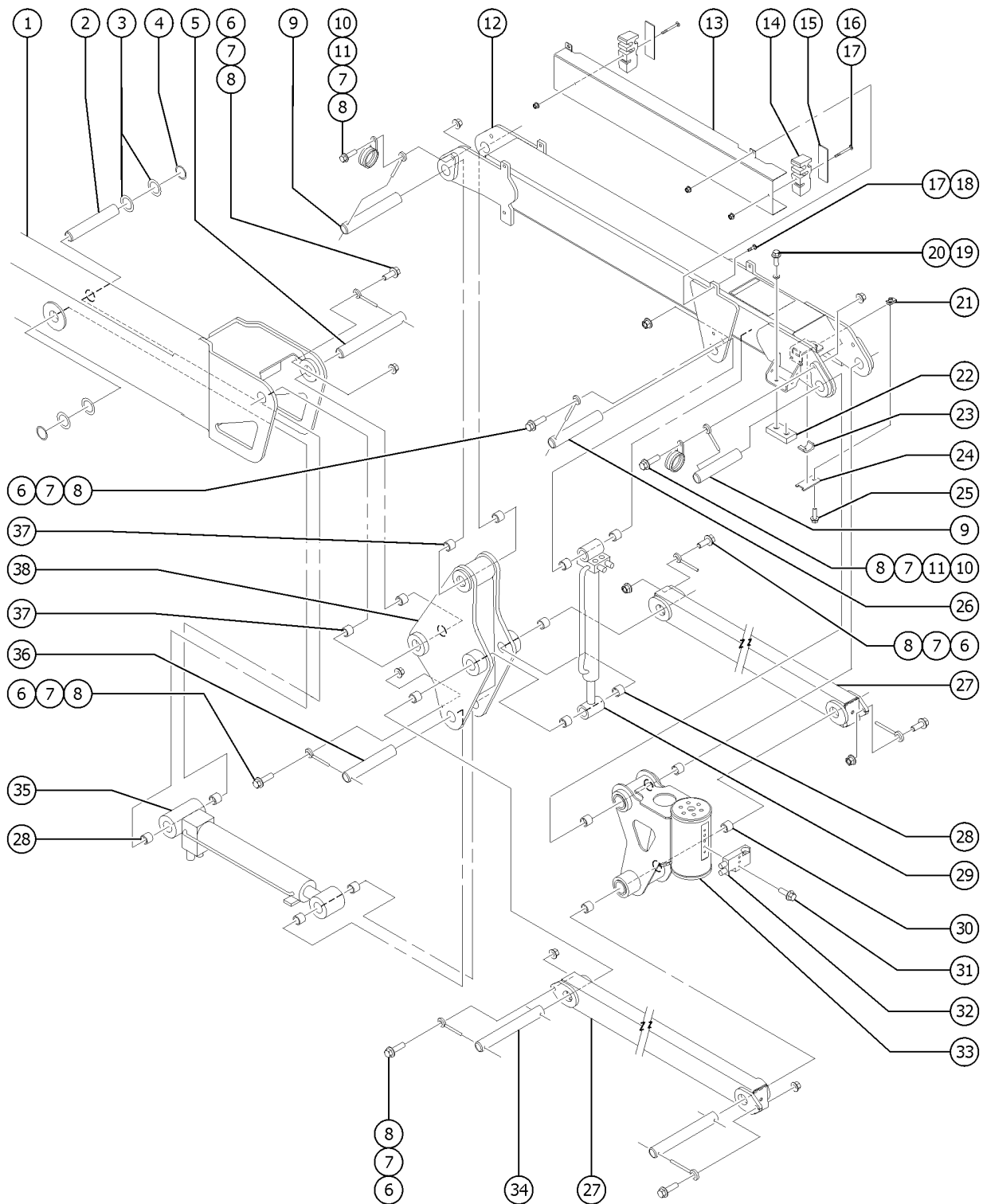
507.1 Jib Boom and Platform Leveling, Z-45/25J



507.1 Jib Boom and Platform Leveling, Z-45/25J

Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103
1		Ref. Primary and Extension Booms	
		(refer to 504.1)	
2	50546GT	PIN,1.25DIAX6.36LG,2RING	1
3	824151GT	WASHER,SHIM,1.270X2.130X.062,Z	4
4	824164GT	SNAP RING,EXTERNAL,1.25,ZAG	2
5	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
6	824092GT	SCREW,HHF,3/8-16X1.5,8,ZAG	8
7	825019GT	ROD END,.375X3.69,ZAG	9
8	824029GT	NUT,TL FLG,3/8-16,G,ZAG	9
9	T107883GT	PIN,1.25DIAX7.88LG,1HOLE	2
10	1253478GT	SCREW,HHF,3/8-16X2,8,ZAG	2
11	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	2
12	128534GT	JIB BOOM ASSY W/WORD DECAL	1
13	128454PGT	COVER, JIB HOSES/CABLES	1
14	128997GT	CLAMPING BLOCK, CABLE, Z45/51	2
14-	128511GT	CLAMP,JIB HOSE/CABLE,ARCTIC	
		(arctic option)	
15	128483GT	BACKING PLATE, HOSE BLOCK, JIB	2
16	1256180GT	BOLT,CARRIAGE,1/4-20X2.75,5,ZAG	2
17	824027GT	NUT,TL FLG,1/4-20,G,ZAG	6
18	1256127GT	BOLT,CARRIAGE,1/4-20X1.5,ZAG	4
19	824089GT	SCREW,HHF,3/8-16X.75,8,ZAG	2
20	824110GT	WASHER,LOCK,3/8,ZAG	2
21	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	1
22	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	2
23	119542GT	CLAMP,TWO HOSE	1
23-	119994GT	CLAMP,TWO HOSE,ARCTIC	1
		(arctic option)	
24	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1
25	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	1

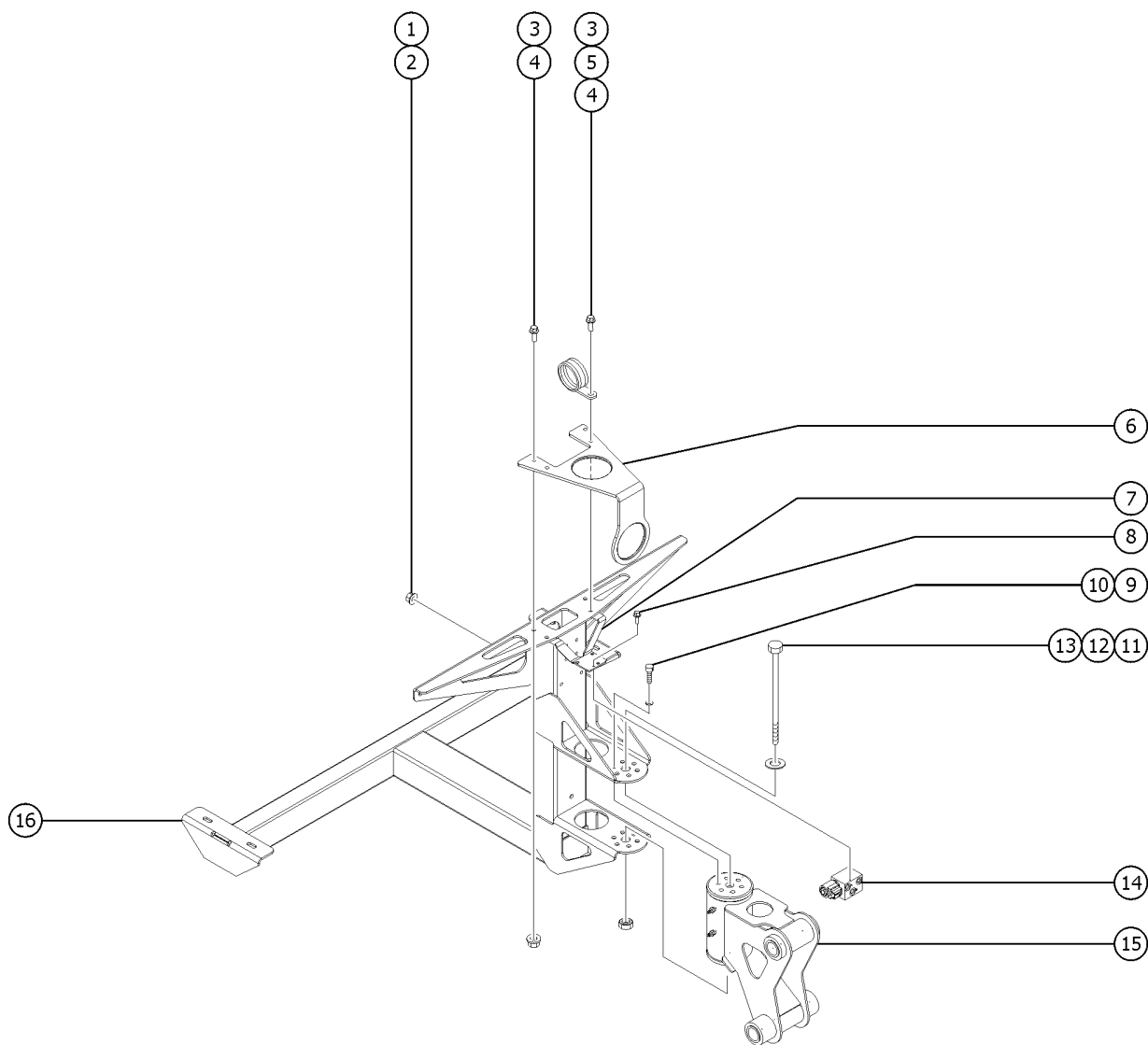
507.1 Jib Boom and Platform Leveling, Z-45/25J



507.1 Jib Boom and Platform Leveling, Z-45/25J

Item	Part No.	Description	Qty.
26	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1
27	61306-SGT	COMPR.LINK,MACHINED,GND CONTR*	2
28	25683GT	BEARING,POLYGON,20DU12	4
29	54994GT	CYLINDER,JIB,Z45,#4 PORTS***	1
29-	43018GT	SEAL KIT (39345)	
		for 50480 and 54065	
29-	50480GT	VALVE,COUNTERBALANCE,3800 PSI*	
		for 54994	
29-	65789GT	SEAL KIT (54994)	
		for 54994	
30	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
31	824081GT	SCREW,HHF,1/4-20X1.5,8,ZAG	4
32		Ref. Rotator Manifold	
		(refer to 704.1)	
33		Ref. Platform Rotator	1
		(refer to 508.1)	
34	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
35	77363GT	CYLINDER,SLAVE,Z45***	1
35-	43018GT	SEAL KIT (39345)	
		for 50480 and 54065	
35-	54065GT	VALVE,COUNTERBALANCE,3500***	
		for 77363	
35-	77364GT	SEAL KIT,MASTER & SLAVE CYL	
		for 77363	
36	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
37	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	6
38	50466-SGT	BELLCRANK,JIB,WELD/Z45/25***	1

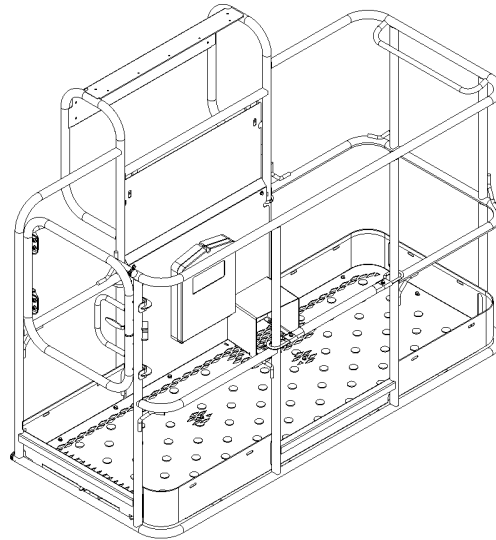
508.1 Platform Rotation and Support, Z-45/25J



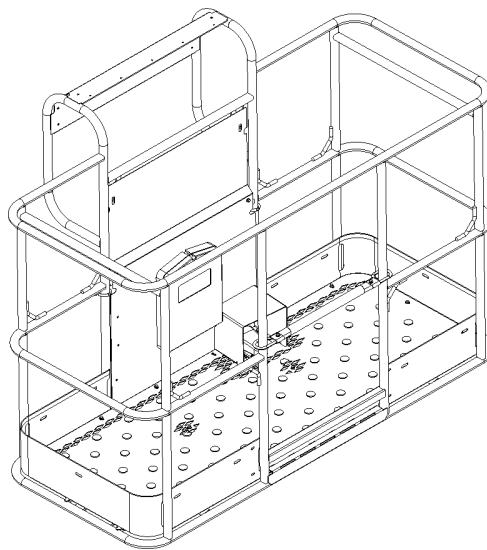
508.1 Platform Rotation and Support, Z-45/25J

Item	Part No.	Description	Qty.
1	824024GT	NUT,TL,1/4-20,C,ZAG	
2	1256803GT	SCREW,HHC,1/4-20X2.75,8,ZAG	
3	824087GT	SCREW,HHF,5/16-18X1.25,8,ZAG	4
4	824028GT	NUT,TL FLG,5/16-18,G,ZAG	4
5	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	1
6	106163GT	FORMING,CABLE GUIDE	1
		order 55067 grommet separately	
6-	55067GT	GROMMET,RUBBER 3 X .19 X 3.5	2
7	110671GT	PLATE,JIB,ROTATE MANIFOLD	1
8	824077GT	SCREW,HHF,1/4-20X.5,8,ZAG	2
9	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	6
10	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG	6
11	1273205GT	SCREW,HHC,3/4-10X9.5,8,ZAG	1
12	1256863GT	WASHER,FLAT,.75,SAE,HRD,ZAG	1
13	1257458GT	NUT,TL,3/4-10,C,ZAG	1
14		Ref. Jib Manifold	
		(refer to 704.1)	
15	233715GT	ROTATOR,PLAT,Z45J/Z51J	
15-	233745GT	SEAL AND BRG KIT,4.5K ROTATOR	
		for 233715	
15-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	
		for 233715	
15-	88516GT	SCREW,BLEEDER,M5X0.8	
		for 233715	
16A	54510-SGT	WELDMENT,PLATFORM SUPPORT	1
		jib models	
16B	61998GT	WELDMENT,PLATFORM SUPPORT	
		jib models with platform overload option	

601.1 Platform Configuration



(1) Side Swing Gate Platform

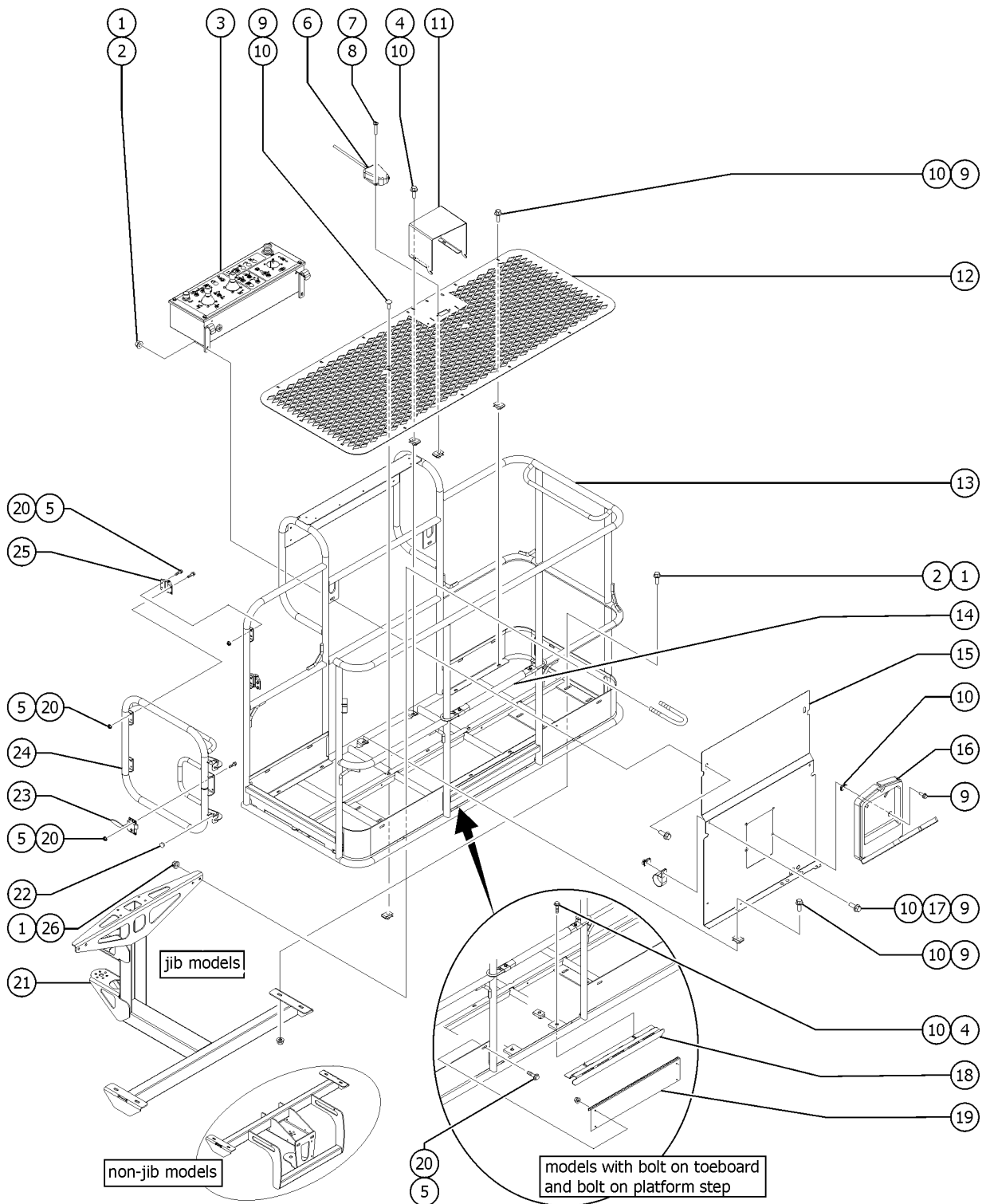


(2) Front Single Entry Platform

601.1 Platform Configuration

Item	Part No.	Description	Qty.
A		Complete Platform Assemblies with Decals	
A-			
A-	1279140GT	PLAT ASSY,6' W/SIDE GATE,Z45IC/Z51 ANSI WORD	
		USA and Canadian models	
A-	1279141GT	PLAT ASSY,6' W/SIDE GATE,Z45IC/Z51 AUS	
		Australian models	
A-	1279142GT	PLAT ASSY,6' W/SIDE GATE,Z45/51 CE	
		European models	
A-	1279143GT	PLAT ASSY,6' W/SIDE GATE,Z45/51 ANSI SYM	
		Asia/South America models	
A-			
A-			
B		Complete Platform Assemblies and Platform Weldments without Decals (Warning tape & ..	
		decals not included, refer to section 100 for decals)	
B-			
1A	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK W/SIDE SWING GATE	
1A-	1274858GT	ASSY,6' PLAT WELDMENT W/SIDE GATE	
		flooring and decal plate not included	
2A	161541GT	ASSY,4FT PLATFORM, NO DECALS	
		Single entry	
2A-	60042GT	WELDMENT,4 FT PLATFORM	
		flooring and decal plate not included	
2B	161542GT	ASSY,5FT PLATFORM, NO DECALS	
		Single entry	
2B-	50294GT	WELDMENT,5 FT PLATFORM	
		flooring and decal plate not included	
2C	160809GT	ASSY,6FT PLATFORM,NO DECALS	
		Single entry	
2C-	73900GT	WELDMNT,6 FT PLATFORM	
		flooring and decal plate not included	

602.1 Platform Components, Z-45/25

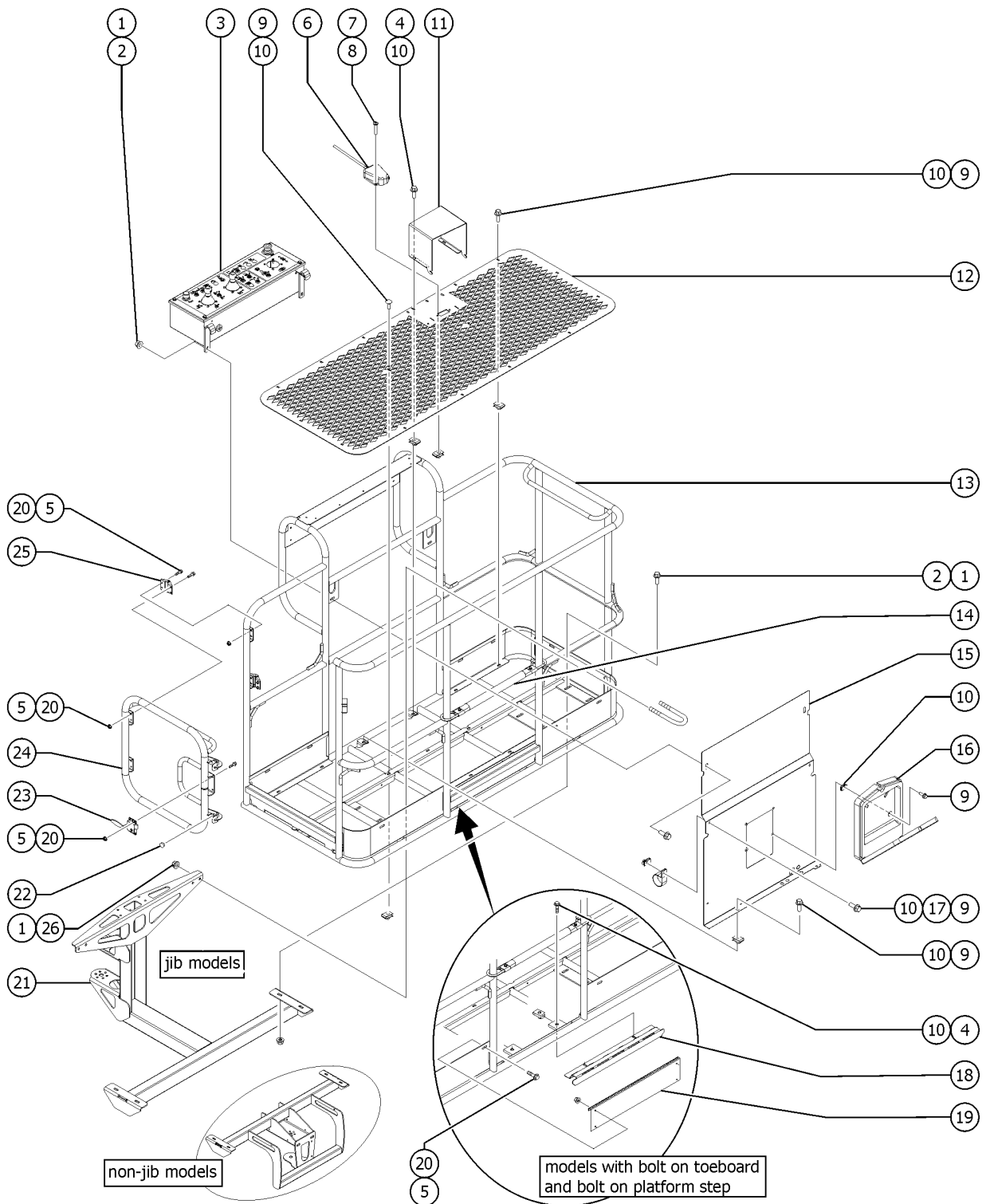


602.1 Platform Components, Z-45/25

Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	
2	824091GT	SCREW, HHF, 3/8-16X1.25, 8, ZAG	
3		Ref. Platform Control Box (refer to 602.1 and 603.1)	
4	824079GT	SCREW, HHF, 1/4-20X1, 8, ZAG	
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
6	227617GT	ASSEMBLY, FOOT SWITCH	1
6-	119058GT	CONN PLUG 4 WAY ENDCAP DT	
6-	227564GT	CONN, PLUG 2 WAY, 14-18GA	
6-	43960-6950GT	WIRE CABLE, 16GA/4 CON. TPE JKT*	
6-	73739GT	BOOT, PLUG 4 WAY	
6-	1257248GT	SCREW, SHC, M4-0.7X8, DIN912,	
6-	1257249GT	WASHER, LOCK, M4, SS	
7	1256460GT	SCREW, PHPM, 10-24X1, ZAG	2
8	73575GT	SPRING CLIP, 10-24, ZINC	2
9	824078GT	SCREW, HHF, 1/4-20X.75, 8, ZAG	
10	56912GT	SPRING CLIP, 1/4-20, .025-.15X.5	
11	147121GT	COVER, FOOT SWITCH, LARGE	1
12A	1267746GT	FLOORING, 72X30 PLATFORM	1
12B	73477PGT	FLOORING, 6'FT PLATFORM (for single entry)	1
12C	54247PGT	FLOORING, 5 FT PLATFORM, PAINTED	1
12D	60160PGT	FLOORING, 4 FT PLATFORM, PAINTED	1
13		Ref. Platform Weldment (refer to 601.1)	1
14	102992GT	SLIDING MIDRAIL KIT, PTD (includes fasteners)	1
15	73574-SGT	DECAL PLATE ASSEMBLY (decals not included, refer to section 100)	1
16	24514GT	BOX, INSTRUCTION STORAGE (decals not included, refer to section 100)	1
17	56424GT	CLAMP, 1.25X.5 RUBBER-CUSHION	2
18	73610PGT	STEP PLATFORM ENTRY PAINTED**	1
19	94745GT	TOEBOARD, ENTRY EUROPEAN***	1



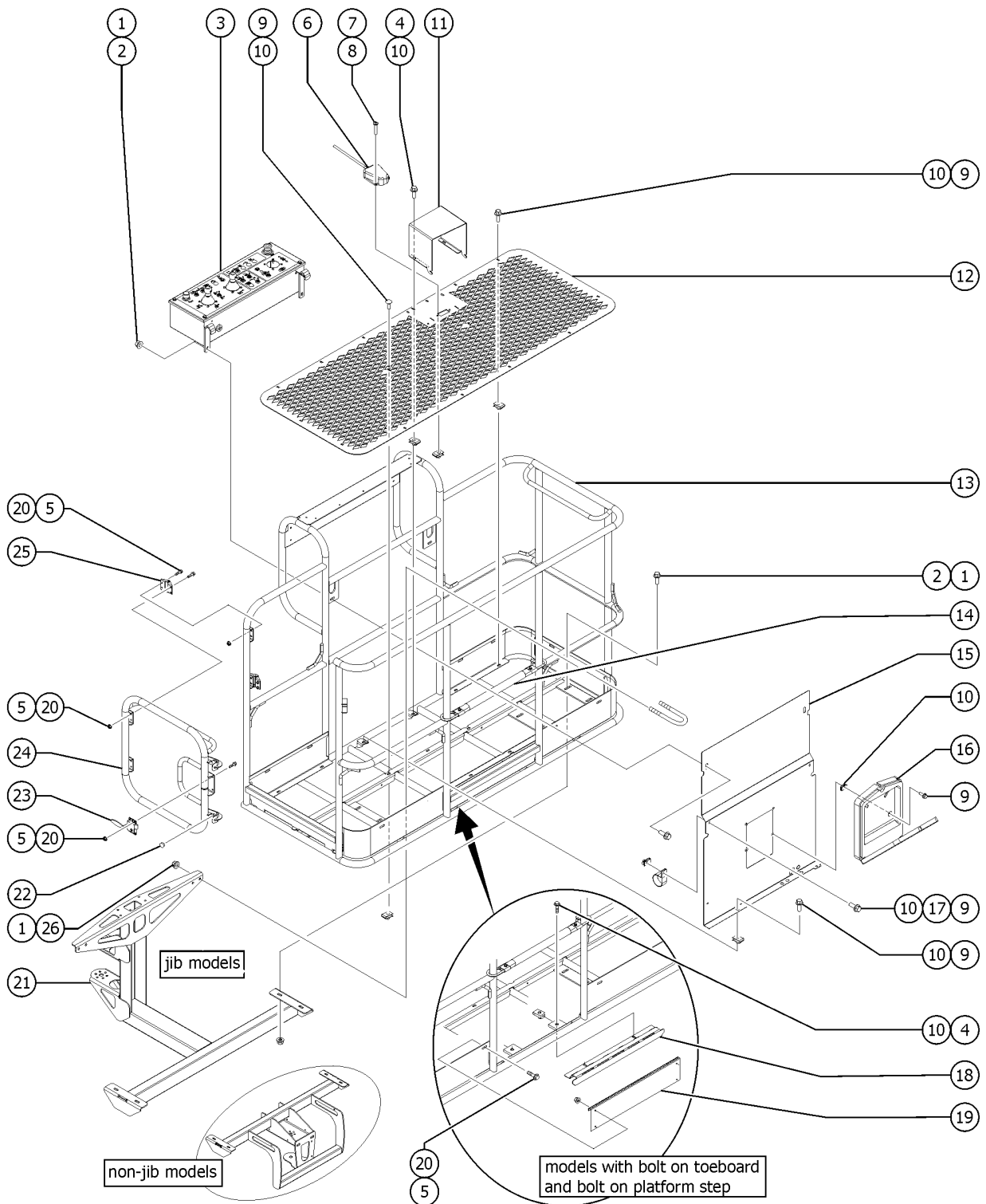
602.1 Platform Components, Z-45/25



602.1 Platform Components, Z-45/25

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

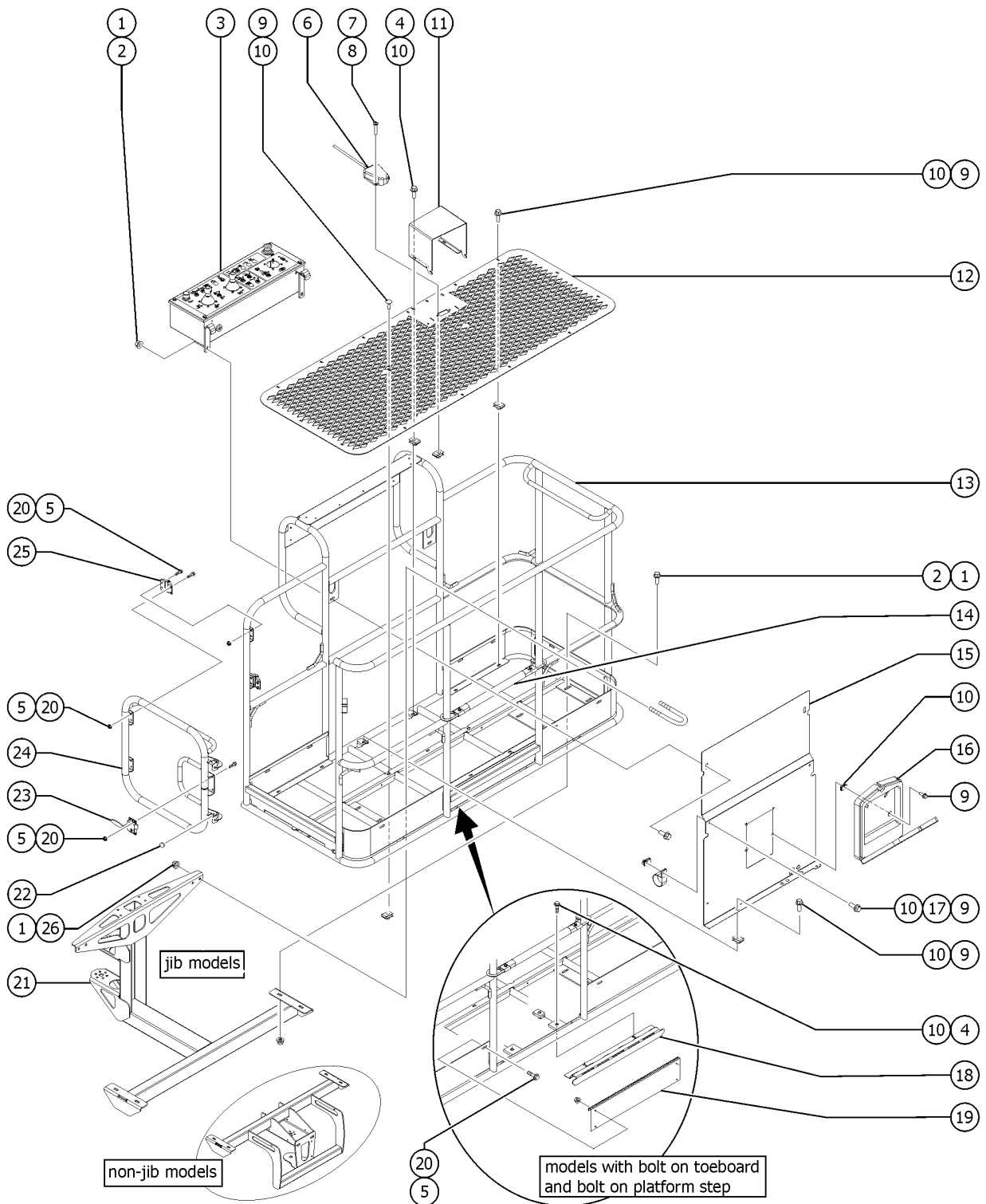
602.2 Platform Components, Z-45/25J



602.2 Platform Components, Z-45/25J

Item	Part No.	Description	Qty.
1	824029GT	NUT,TL FLG,3/8-16,G,ZAG	
2	824091GT	SCREW,HHF,3/8-16X1.25,8,ZAG	
3		Ref. Platform Control Box (refer to 602.1 and 603.1)	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824027GT	NUT,TL FLG,1/4-20,G,ZAG	
6	227617GT	ASSEMBLY,FOOT SWITCH	1
6-	119058GT	CONN PLUG 4 WAY ENDCAP DT	
6-	227564GT	CONN,PLUG 2 WAY,14-18GA	
6-	43960-6950GT	WIRE CABLE,16GA/4 CON.TPE JKT*	
6-	73739GT	BOOT,PLUG 4 WAY	
6-	1257248GT	SCREW, SHC, M4-0.7X8, DIN912,	
6-	1257249GT	WASHER, LOCK, M4, SS	
7	1256460GT	SCREW,PHPM,10-24X1,ZAG	2
8	73575GT	SPRING CLIP,10-24,ZINC	2
9	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	
11	147121GT	COVER, FOOT SWITCH, LARGE	1
12A	1267746GT	FLOORING, 72X30 PLATFORM	1
12B	73477PGT	FLOORING, 6'FT PLATFORM (for single entry)	1
12C	54247PGT	FLOORING,5 FT PLATFORM,PAINTED	1
12D	60160PGT	FLOORING,4 FT PLATFORM,PAINTED	1
13		Ref. Platform Weldment (refer to 601.1)	1
14	102992GT	SLIDING MIDRAIL KIT,PTD (includes fasteners)	1
15	73574-SGT	DECAL PLATE ASSEMBLY (decals not included, refer to section 100)	1
16	24514GT	BOX,INSTRUCTION STORAGE (decals not included, refer to section 100)	1
17	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	2
18	73610PGT	STEP PLATFORM ENTRY PAINTED**	1
19	94745GT	TOEBOARD,ENTRY EUROPEAN***	1

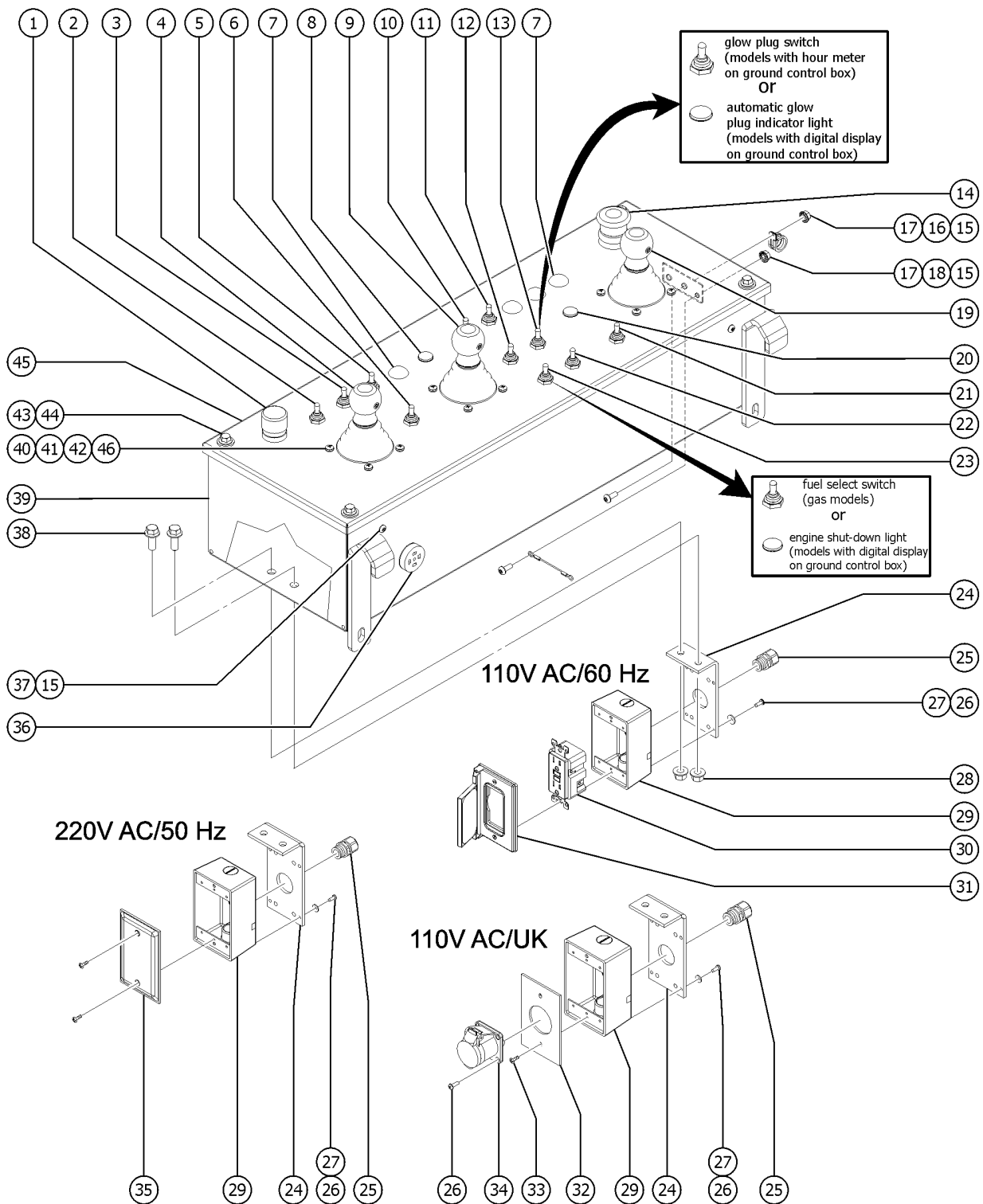
602.2 Platform Components, Z-45/25J



602.2 Platform Components, Z-45/25J

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

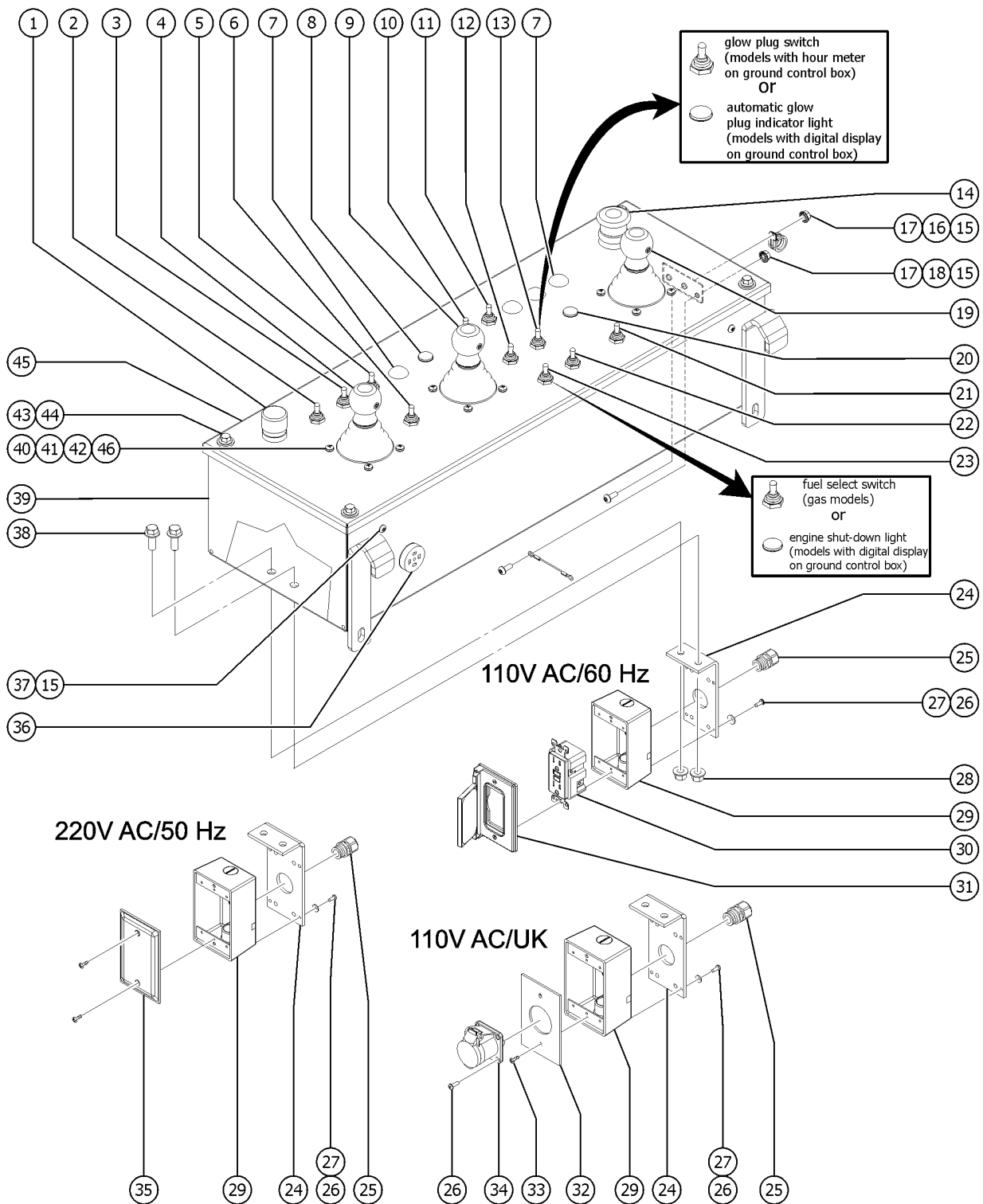
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

Item	Part No.	Description	Qty.
A	218447GT	ASSEMBLY,PBOX,Z45 GAS (complete) (includes Assy 218445 and Gasket p/n 81488) (refer to section 1 for decal)	
B	218445GT	ASSEMBLY,PLATFORM CONTROL BOX	
C	81488GT	GASKET,PLATFORM CONTROL BOX	
D	824053GT	ASSY, PBOX, Z-45 DEUTZ, T4 (complete) (includes Assy 218445 and decal) (for Deutz D2.9L4)	
1	66813GT	BUTTON,PUSH,BLACK W/SEAL ***	1
1-	66821GT	BASE,WITHOUT CONTACTS	
1-	66816GT	CONTACT,N.O.	
2	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
		Platform Level; includes boot and hardware	
3	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
		Platform Rotate; includes boot and hardware	
4		Ref. JOYSTICK CONTROLLER, MULTI-AXIS	
		(refer to 605.1)	
5A	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	
		Jib boom up/down switch (if equipped)	
5B	229567GT	PLUG, SANTOPRENE .5 BLACK DOME	
		non-jib	
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
		Primary Boom Ext/Ret; includes boot and hardware	
7	229567GT	PLUG, SANTOPRENE .5 BLACK DOME	4
8	218165GT	LIGHT,INDICATOR,RED 12V H-BRI	1
		(tilt sensor)	
9		Ref. JOYSTICK CONTROLLER, SINGLE-AXIS	
		(refer to 605.1)	
10	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	
		Emergency Lowering; includes boot and hardware	
11	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	
		Drive Speed; includes boot and hardware	
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	
		Engine Start; includes boot and hardware	
13A	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM	
		Glow Plug (Diesel models) includes boot and hardware	
13B	1254804GT	LT.LAMP IND.AMBER 12V NH	
		(models with digital display)	
13C	229567GT	PLUG, SANTOPRENE .5 BLACK DOME	
		Gasoline/LPG models	
14	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
14-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
14-	66821GT	BASE,WITHOUT CONTACTS	
14-	66818GT	CONTACT,NC	
15	1264261GT	NUT,SERRATED,10-32,ZAG	4
16	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1

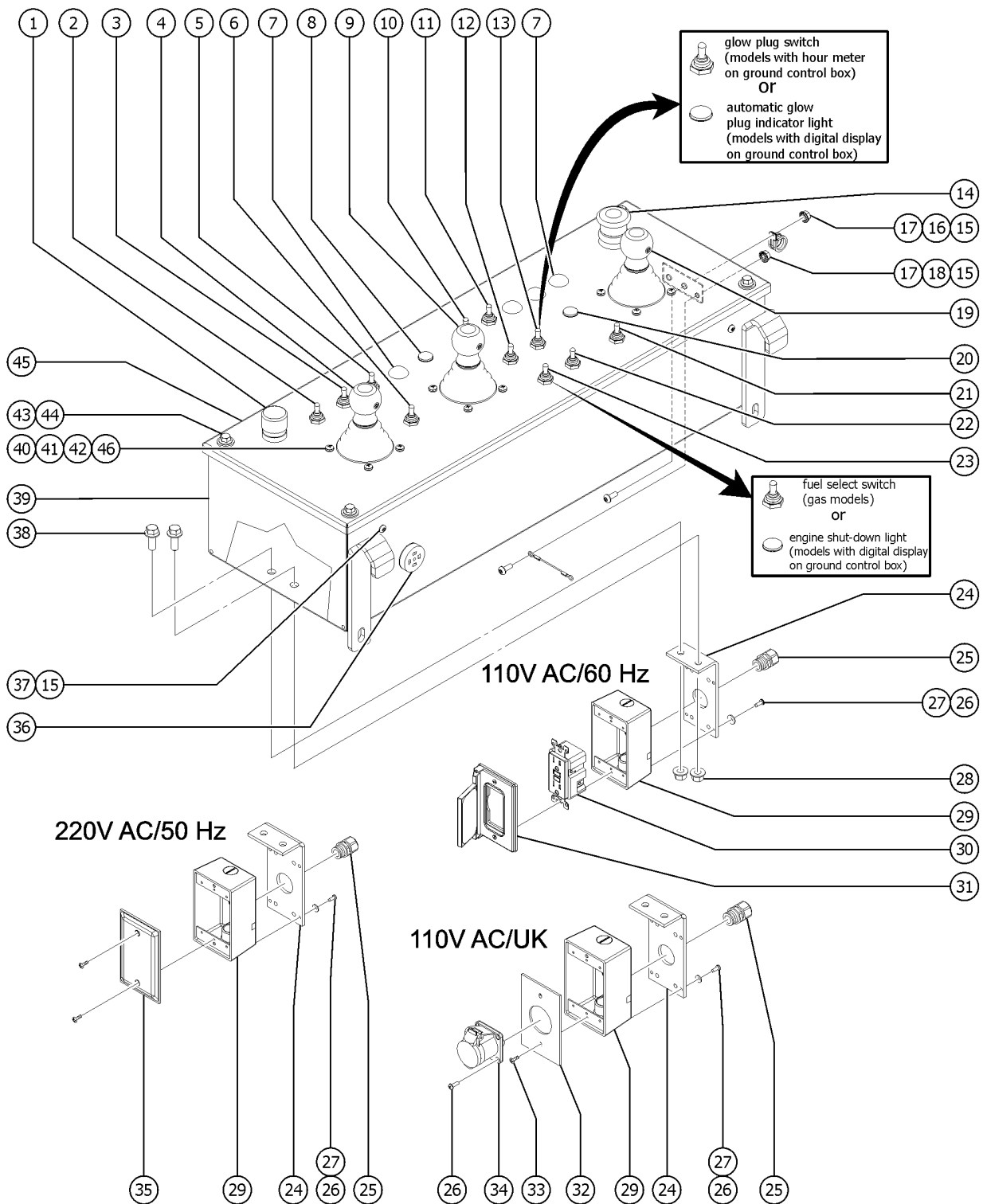
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

Item	Part No.	Description	Qty.
17	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	2
18	77351GT	LANYARD,PLATFORM CONTROL BOX	2
19		Ref. JOYSTICK CONTROLLER, MULTI-AXIS (standard) (refer to 605.1)	
19-	1269497GT	GASKET, ISOLATION, JOYSTICK	3
20	218165GT	LIGHT,INDICATOR,RED 12V H-BRI (drive enable)	1
21	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Enable; includes boot and hardware	1
22	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Engine idle (rpm) select switch; includes boot and hardware	1
23A	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select (Gasoline/LPG models) includes boot and hardware	
23B	218165GT	LIGHT,INDICATOR,RED 12V H-BRI (models with digital display)	
23C	229567GT	PLUG, SANTOPRENE .5 BLACK DOME Diesel models	
24	81096GT	BRACKET,POWER TO PLAT, DOM.	1
25	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	2
26	1257296GT	SCREW,PHPM-ST,8.32X.50,TYPE F,	
27	1257390GT	WASHER,FLAT,#8,SAE,ZAG	4
28	824029GT	NUT,TL FLG,3/8-16,G,ZAG	2
29	10775GT	T-BOX,2.75 X 4.5 X 2.0	1
29-	36878GT	TERMINAL,FORK,BLUE (BULK)	
29-	13597GT	TERMINAL,#10 RING,BLUE	
30	13585GT	OUTLET,110V GFCI***	1
31	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1
32	T112561GT	PLATE,UK,POWER TO PLAT	1
33	1253489GT	SCREW,FHPM,6-32 X .75,ZAG	
34	T112560GT	RECEPTACLE,UK,110V	1
34-	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	
35	10777GT	COVER,BLANK includes fasteners	1
36	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
36-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
37	1251757GT	SCREW,PHPM,10-32X.50,ZAG	2

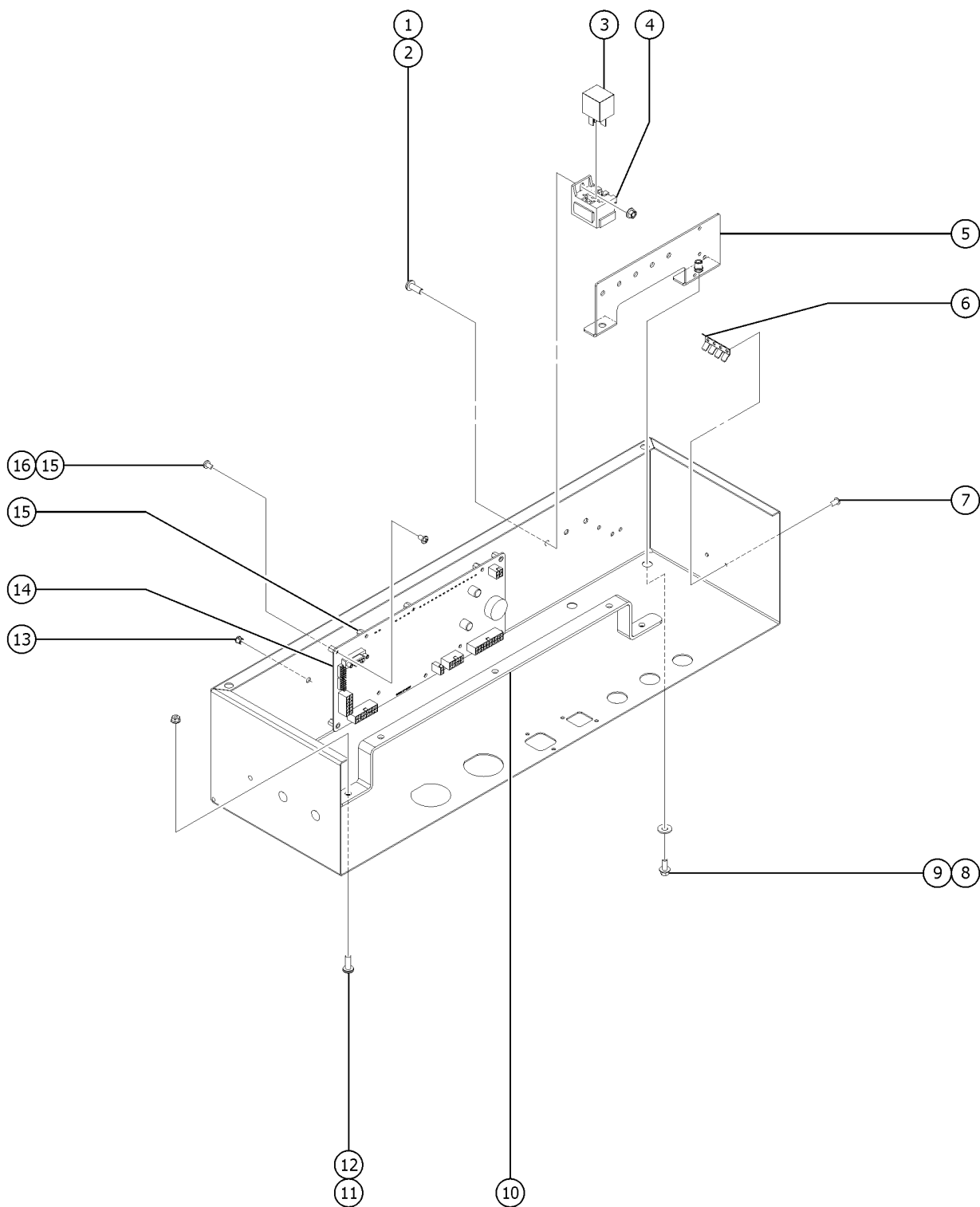
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

Item	Part No.	Description	Qty.
38	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	2
39	216786GT	WELDMENT, PLATFORM CONTROL BOX	1
40	1257404GT	SCREW,PHPM-ST,M5-0.8X20,DIN750	12
41A	56306GT	WASHER,FLAT NYLON #10	12
		(to SN F-59339)	
41B	1269498GT	SHOULDER WASHER, NYLON	12
		(from SN F-59340)	
42	1255753GT	NUT,FLG,M5-0.8,DIN6923,8,ZAB	
		(to SN F-59339)	
43	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	4
44	824113GT	WASHER,FLAT,1/4,USS,ZAG	4
45A	139974GT	LID,PLATFORM CONTROL BOX	1
		(to SN F-59339)	
45B	1283800GT	LID, PLATFORM CONTROL BOX	1
		(from SN F-59340)	
46	1269497GT	GASKET, ISOLATION, JOYSTICK	3

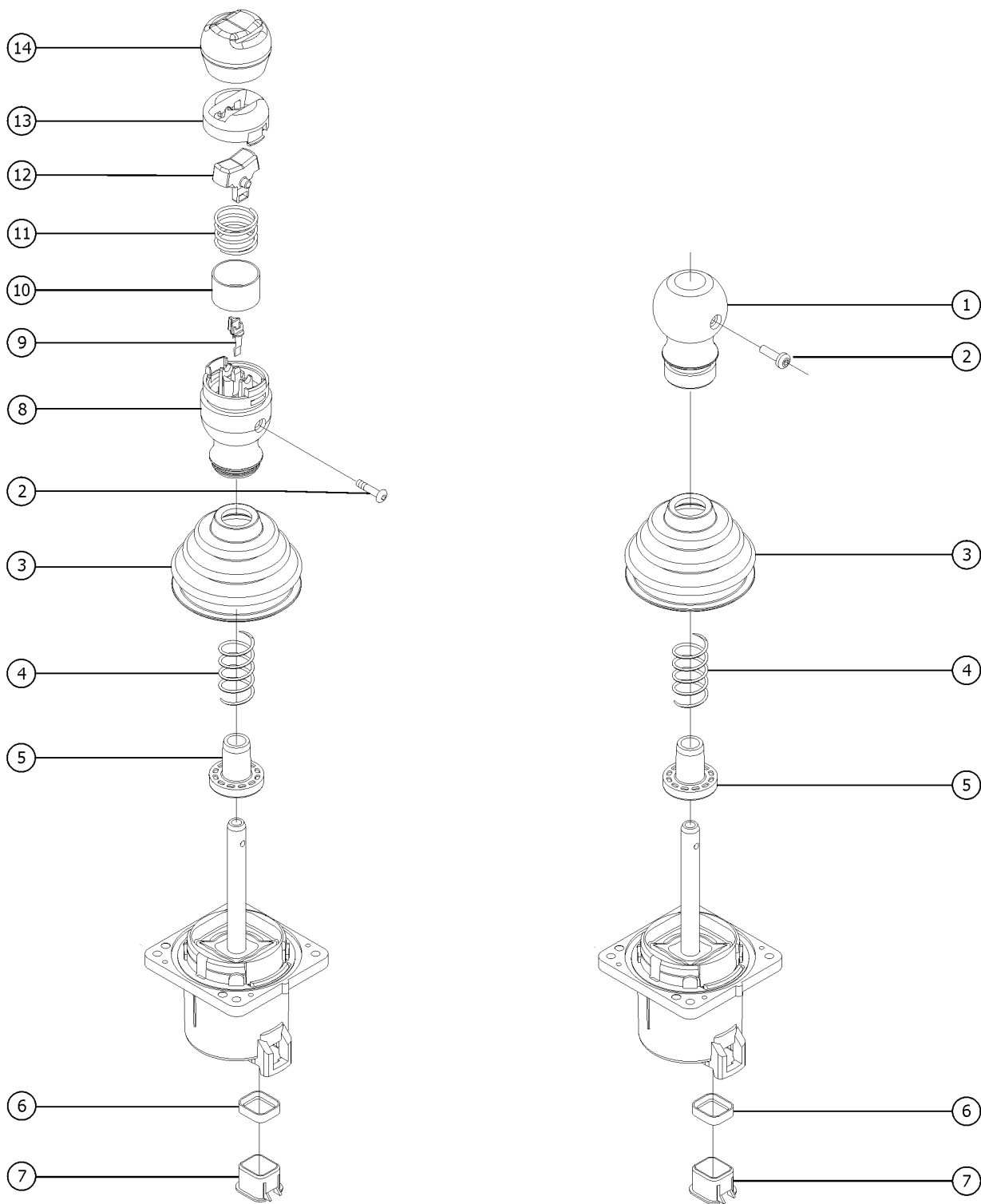
604.1 Platform Control Box, View 2



604.1 Platform Control Box, View 2

Item	Part No.	Description	Qty.
1	825349GT	SCREW,PHPM,10-32X.38,ZAG	
2	824032GT	NUT,TL FLG,10-32,F,ZAG	
3	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	
4	34053GT	ASSY,RELAY SOCKET, AUTO	2
5	1260194GT	ASSY,BRKT,RELAY,W/ NUTSERTS	1
6	56663GT	TERMINAL STRIP	1
7	824206GT	RIVET,STL,STL,DOME,1/8X.25,ZAG	2
8	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	2
9	824113GT	WASHER,FLAT,1/4,USS,ZAG	2
10	119644GT	BRACKET,PBOX WIRE SUPPORT	1
11	1251757GT	SCREW,PHPM,10-32X.50,ZAG	2
12	1264261GT	NUT,SERRATED,10-32,ZAG	2
13	30996GT	PLUG,NYLON .313 BLACK DOMED	2
14	218530GT	ASSY PCB ALC500 Z45/51-2012	1
15	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	10
16	1257402GT	SCREW,PHPM,6-32X.25,ZAG	20

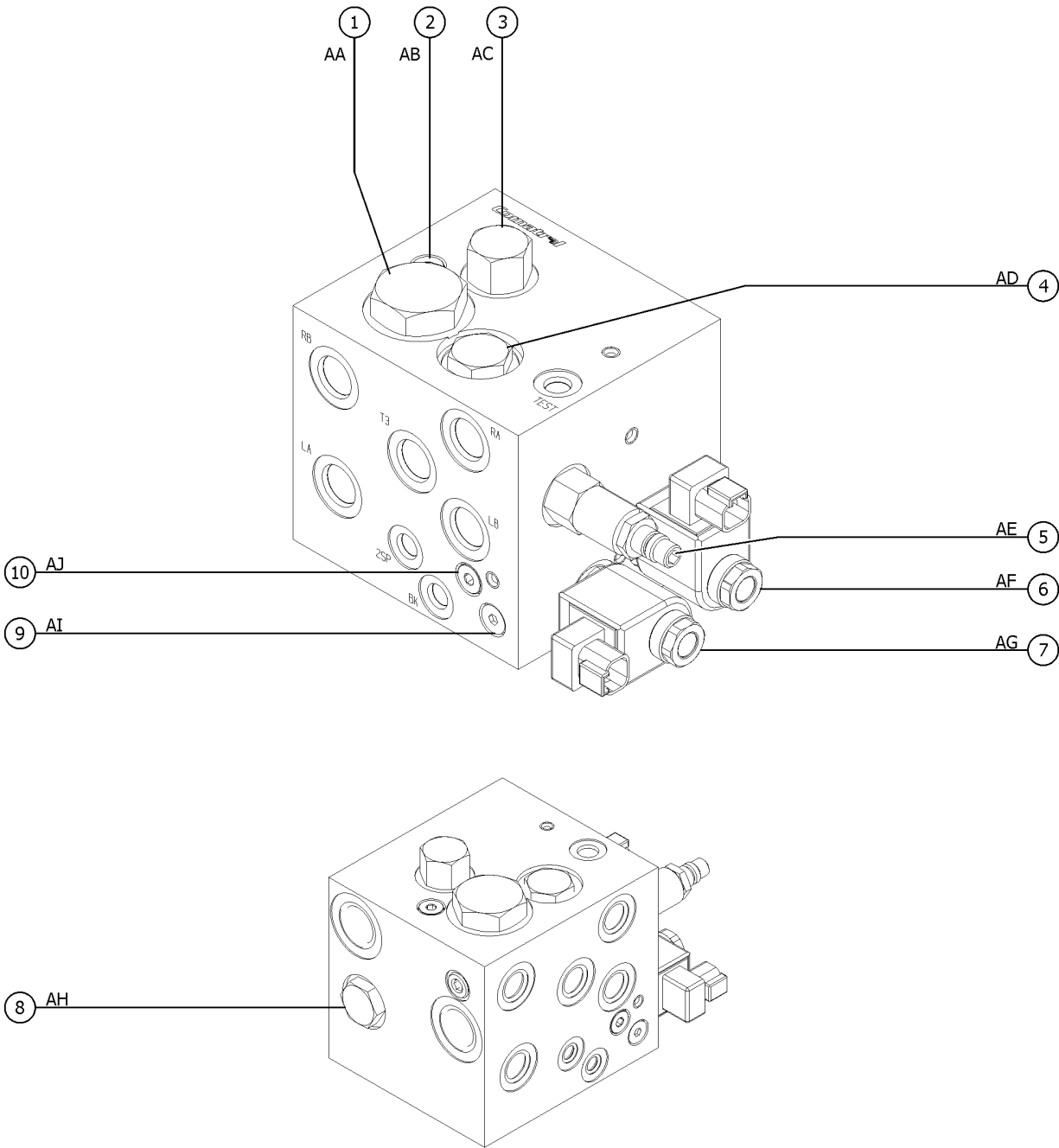
605.1 Joysticks



605.1 Joysticks

Item	Part No.	Description	Qty.
A-	1274971GT	JOYSTICK, 2 AXIS, BLUE OEM joystick (calibration required after replacement)	
B-	1274972GT	JOYSTICK, 1 AXIS, BLUE OEM joystick (calibration required after replacement)	
C-	1274969GT	JOYSTICK, 1 AXIS ROCKER, BLUE aftermarket joystick (calibration required after replacement)	
D-	1271713GT	SHRINK TUBE, BLU, 3:1, 40MM	
E-	1269501GT	KIT, ISOLATION, 3 JOYSTICK	
1	62392GT	KNOB,JOYSTICK, 62390/62391	1
2	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	1
2-	1269499GT	PLUG, JOYSTICK HANDLE not shown	
3	139598GT	BOOT,JOYSTICK	1
4		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	1
5	119915GT	COLLAR,JOYSTICK,CENTER	1
6	128000GT	SEAL, CONNECTOR (DT JOYSTICKS)	1
7	128001GT	SLEEVE,CONNECTOR,DT JOYSTICKS	1
8	75449GT	KNOB,ROCKER JOYSTICK 75565	1
9	75448GT	SUPPORT,SENSOR,JOYSTICK	1
10	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
11	75446GT	SPRING,SWITCH CENTERING,75565	1
12	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
12	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
13	75444GT	ROCKER,RETAINER, 75565	1
14	75443GT	BOOT, ROCKER JOYSTICK 75565	1

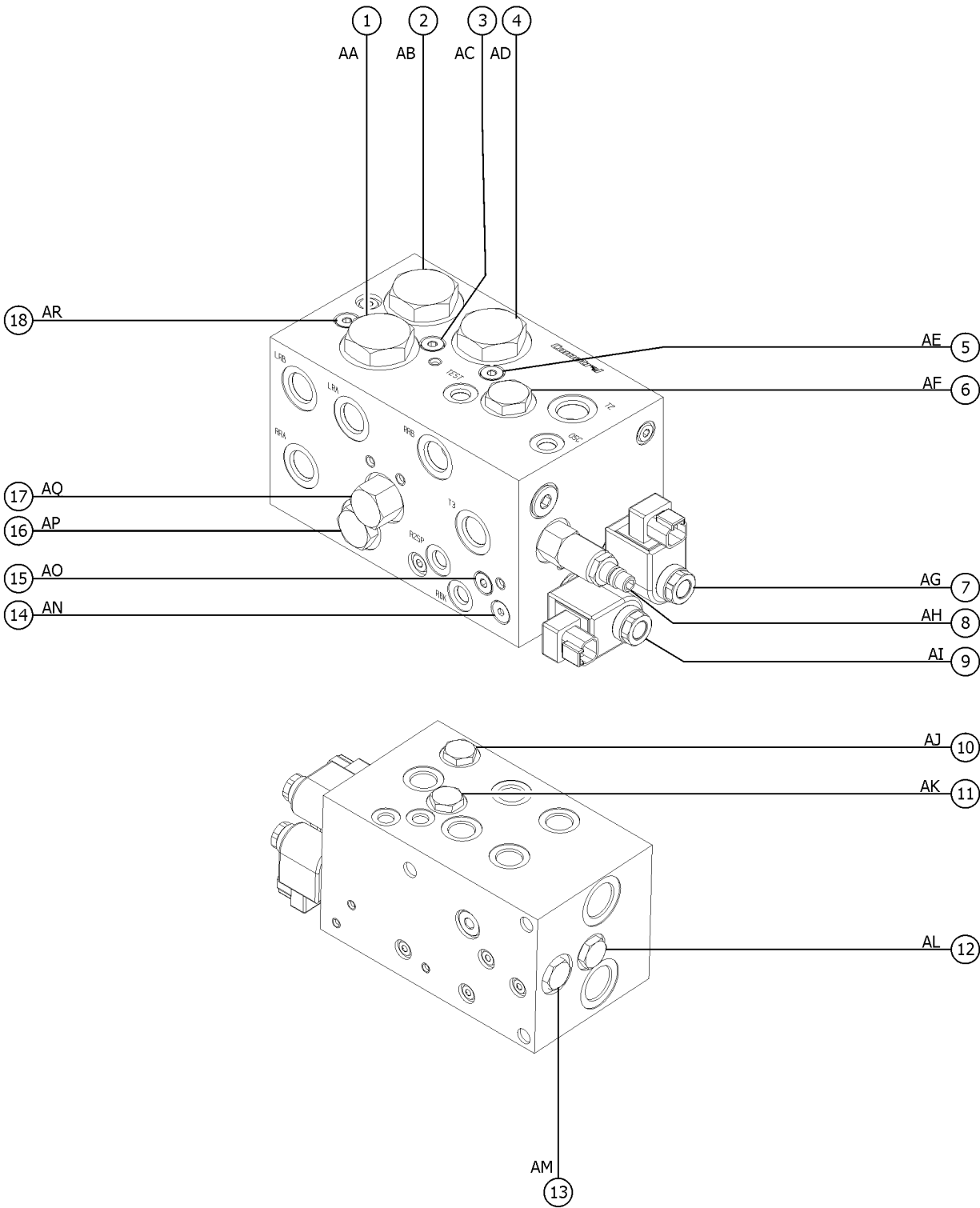
701.1 2WD Traction Manifold



701.1 2WD Traction Manifold

Item	Part No.	Description	Qty.
A-	216168GT	MANIFOLD, TRACTION, 2WD Complete	
1	52726GT	VALVE, FLOW DIVIDER/COMBINER AA, Controls flow to drive motors in forward and reverse	1
1-	84135GT	SEAL KIT, VALVE for 52726	1
2	77163GT	PLUG-ORIFICE, 0.067 INCH AB, Drive circuit	1
3	218127GT	SHUTTLE VALVE, HOT OIL AC, Charge pressure circuit that directs hot oil out of low pressure side of drive pump and allows low pressure flow path for brake release and 2-speed motor shift	1
3-	84137GT	SEAL KIT, VALVE 84129 for 218127	
4	27836GT	VALVE, CHECK, 5 PSI AD, Drive circuit	1
4-	110194GT	SEAL KIT, VALVE, #10 for 27836	
5	218121GT	RELIEF VALVE, 250 PSI AE, Charge pressure circuit	1
5-	110194GT	SEAL KIT, VALVE, #10 for 218121	
6	161534GT	VALVE, SOLENOID, 2 POS 3 WAY AF, 2-speed motor shift	1
6-	237236GT	SEAL KIT, VALVE for 218125	
6-	237235GT	NUT KIT W/O-RINGS for 218125	
6-	122148GT	COIL, SOLENOID VALVE, 20W for 218125	
7	161534GT	VALVE, SOLENOID, 2 POS 3 WAY AG, Braking	1
7-	237236GT	SEAL KIT, VALVE for 218125	
7-	237235GT	NUT KIT W/O-RINGS for 218125	
7-	122148GT	COIL, SOLENOID VALVE, 20W for 218125	
8	27836GT	VALVE, CHECK, 5 PSI AH, Drive circuit	1
8-	110194GT	SEAL KIT, VALVE, #10 for 27836	
9	27807GT	VALVE, CHECK*** AI, 2 speed motor shift circuit	1
9-	110200GT	SEAL KIT, VALVE, #4 for 27807	
10	77162GT	PLUG-ORIFICE 0.031 INCH AJ, Brake circuit	1

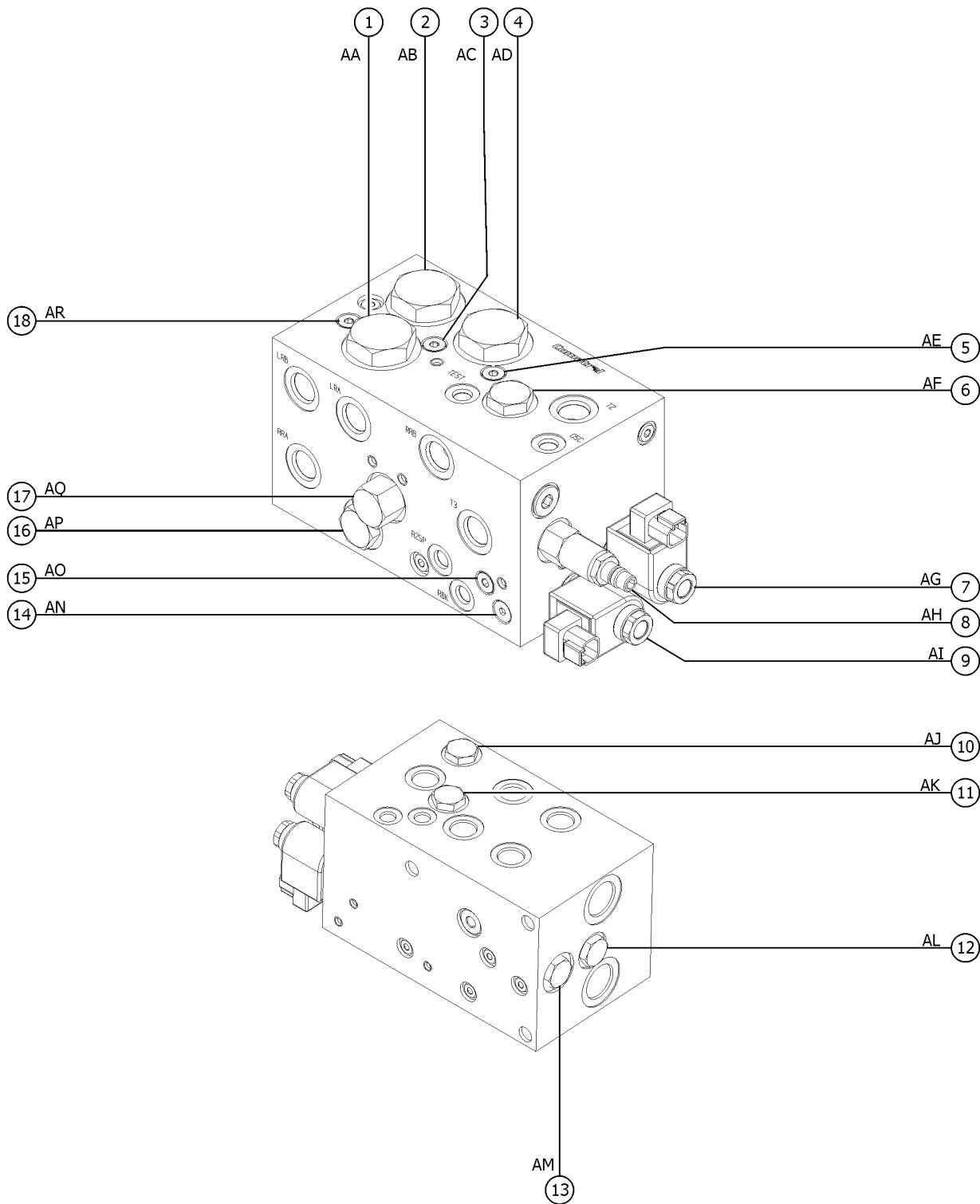
702.1 4WD Traction Manifold



702.1 4WD Traction Manifold

Item	Part No.	Description	Qty.
A-	236278GT	MANIFOLD, TRACTION, 4WD Complete	
1	52726GT	VALVE, FLOW DIVIDER/COMBINER AA, Controls flow to flow divider/combiner valves 2 and 4	1
1-	84135GT	SEAL KIT, VALVE for 52726	
2	62252GT	VALVE, FLOW DIVIDER COMBINER AB, Controls flow to non-steer end drive motors in forward	1
2-	84135GT	SEAL KIT, VALVE for 62252	
3	219425GT	ORIFICE, PLUG, 1.2MM (.047IN) AC, Drive circuit	1
4	62252GT	VALVE, FLOW DIVIDER COMBINER AD, Controls flow to steer end drive motors in forward and reverse	1
4-	84135GT	SEAL KIT, VALVE for 62252	
5	77186GT	PLUG, ORIFICE, 1.00MM (.039IN) AE, Drive circuit	1
6	27836GT	VALVE, CHECK, 5 PSI AF, Non-steer end drive motor circuit	1
6-	110194GT	SEAL KIT, VALVE, #10 for 27836	
7	161534GT	VALVE, SOLENOID, 2 POS 3 WAY AG, Braking	1
7-	237236GT	SEAL KIT, VALVE	
7	1286193GT	ACTUATOR, SOLENOID VALVE	
7-	237235GT	NUT KIT W/O-RINGS	
8	218121GT	RELIEF VALVE, 250 PSI AH, Charge pressure circuit	1
8-	110194GT	SEAL KIT, VALVE, #10 for 218121	
9	161534GT	VALVE, SOLENOID, 2 POS 3 WAY AI, 2-speed motor shift	1
9-	237236GT	SEAL KIT, VALVE for 218125	
9-	237235GT	NUT KIT W/O-RINGS for 218125	
9-	122148GT	COIL, SOLENOID VALVE, 20W for 218125	
10	231037GT	CHECK VALVE, BALL TYPE, NORMAL AJ, Steer end drive motor circuit	1
10-	74902GT	SEAL KIT for 231037	
11	231037GT	CHECK VALVE, BALL TYPE, NORMAL AK, Steer end drive motor circuit	1
11-	74902GT	SEAL KIT for 231037	
12	231037GT	CHECK VALVE, BALL TYPE, NORMAL AL, Non-steer end drive motor circuit	1
12-	74902GT	SEAL KIT for 231037	
13	231037GT	CHECK VALVE, BALL TYPE, NORMAL AM, Non-steer end drive motor circuit	1

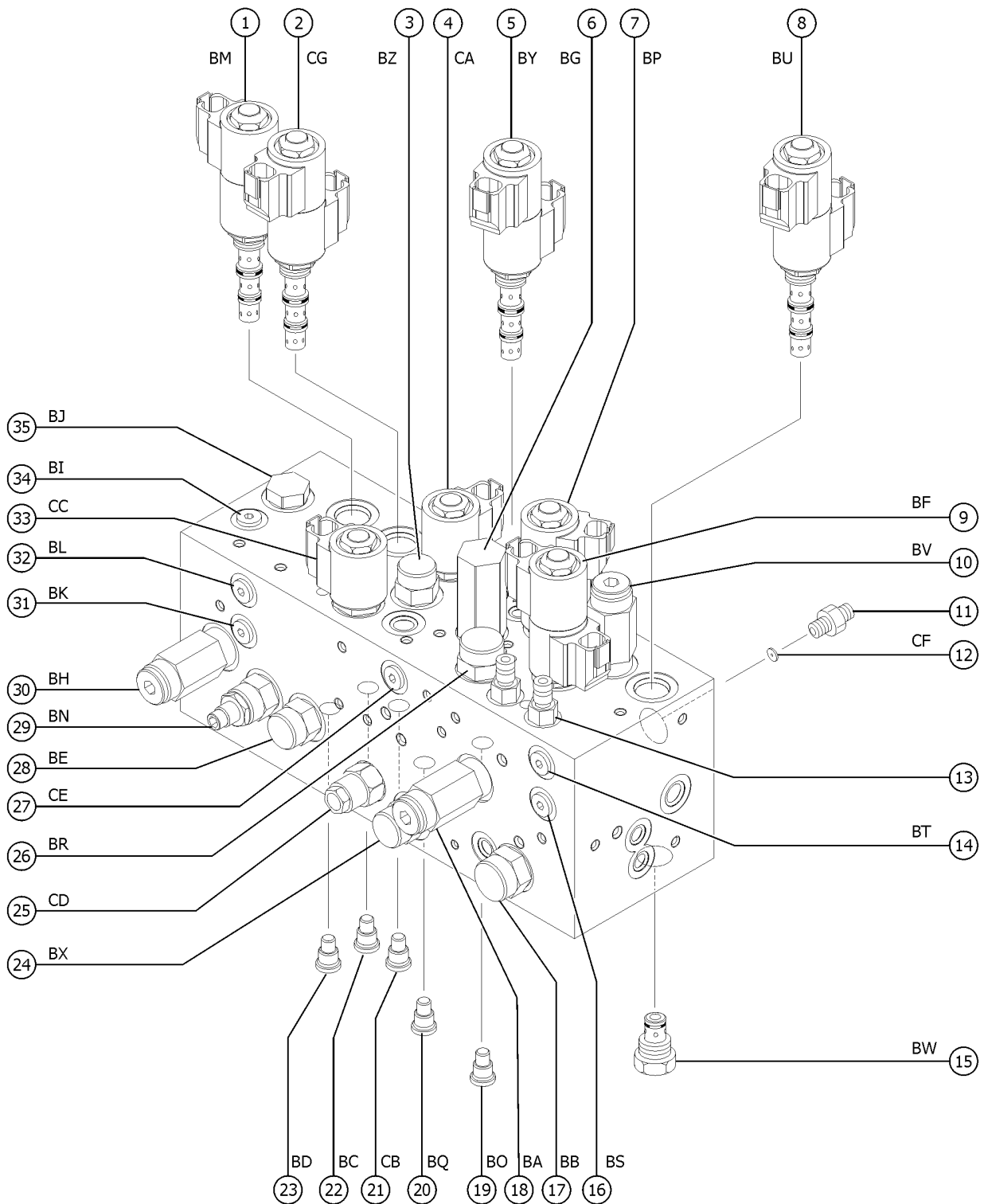
702.1 4WD Traction Manifold



702.1 4WD Traction Manifold

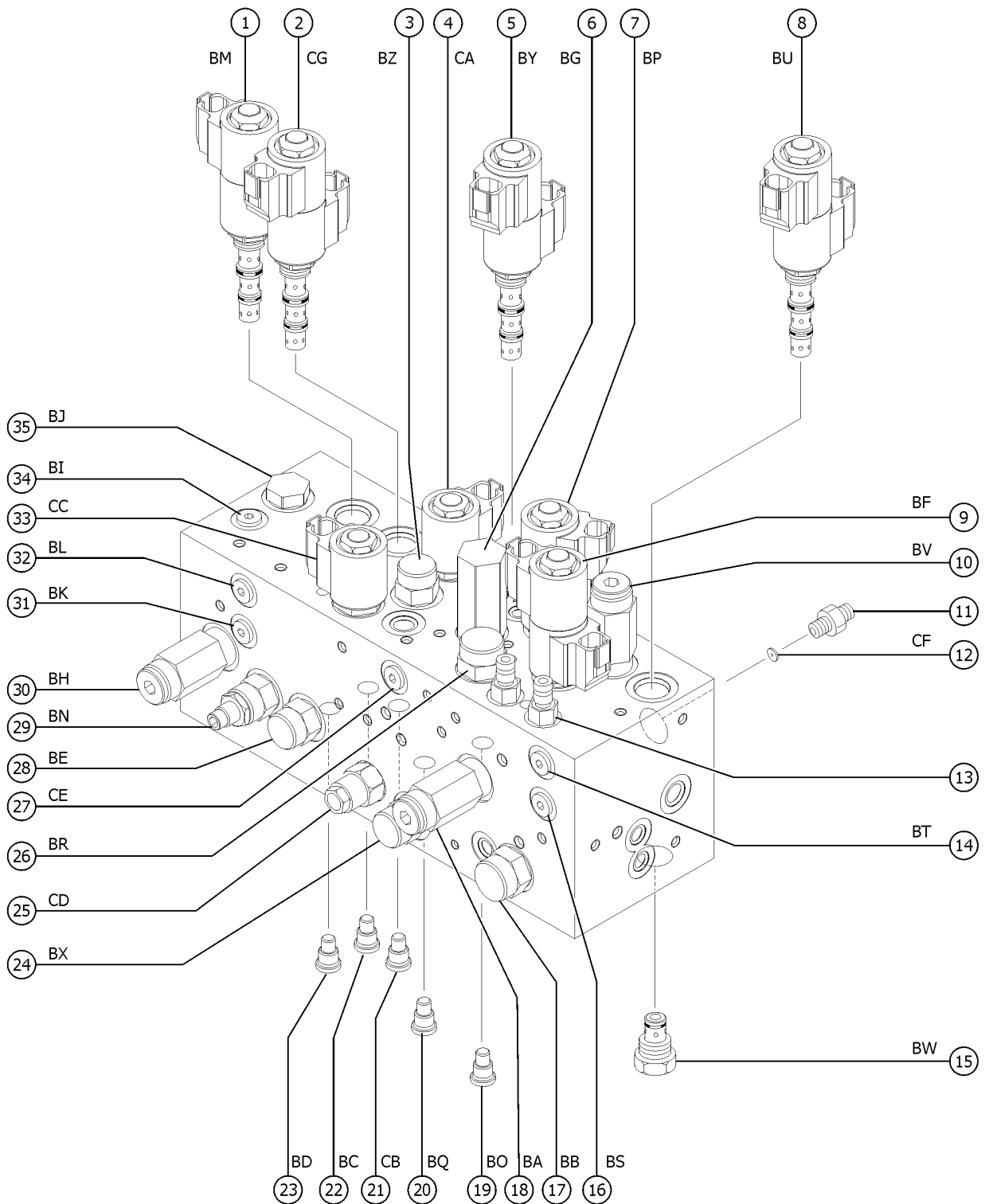
Item	Part No.	Description	Qty.
13-	74902GT	SEAL KIT for 231037	
14	27807GT	VALVE,CHECK*** AN, 2 speed motor shift circuit	1
14-	110200GT	SEAL KIT, VALVE, #4 for 27807	
15	77162GT	PLUG-ORIFICE 0.031 INCH AO, Brake circuit	1
16	27836GT	VALVE,CHECK,5 PSI AP, Steer end drive motor circuit	1
16-	110194GT	SEAL KIT, VALVE, #10 for 27836	
17	218127GT	SHUTTLE VALVE, HOT OIL AQ, Charge pressure circuit that directs hot oil out of low pressure side of drive pump and allows low pressure flow path for brake release and 2-speed motor shift	1
17-	84137GT	SEAL KIT, VALVE 84129 for 218127	
18	77186GT	PLUG,ORIFICE,1.00MM(.039IN) AR, Drive circuit	1

703.1 Function Manifold



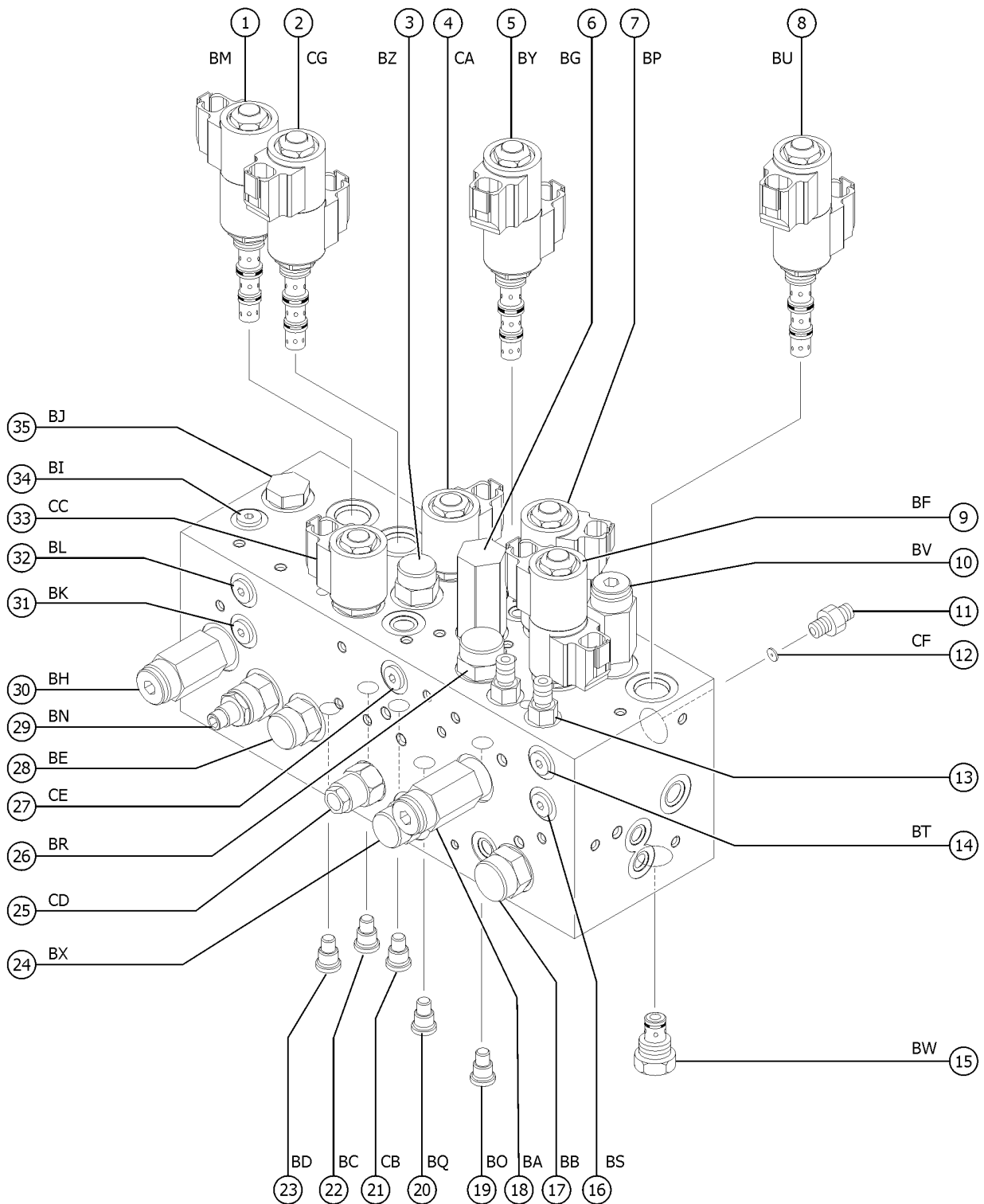
Item	Part No.	Description	Qty.
A-	219436GT	MANIFOLD,FUNCTION,IC Complete	
1	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** BM, Platform level up/down (valve with nut and spacer only)	
1-	44229GT	SEAL KIT, VALVE	
1-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
2	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** CG, Platform rotate left/right and jib boom up/down (valve with nut and spacer only)	
2-	44229GT	SEAL KIT, VALVE	
2-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
3	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* BZ, Primary boom extension circuit	
3-	44228GT	SEAL KIT, VALVE	
4	62815GT	VALVE,SOLENOID,2POS 3 WAY*** CA, Primary boom extend (valve with nut and spacer only)	
4-	52371GT	SEAL KIT, VALVE	
4-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
5	94614GT	VALVE,PROP,3 POS,4-WAY*** BY, Primary boom up/down (valve with nut and spacer only)	
5-	44229GT	SEAL KIT, VALVE	
5-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
6	94616GT	VALVE,DIFF SENSING,160 PSI BG, Meters flow to functions	
6-	62337GT	SEAL KIT, VALVE	
7	107816GT	VALVE,PROPORTIONAL 3 POS 4 WY* BP, Turntable rotate left/right (valve with nut and spacer only)	
7-	44229GT	SEAL KIT, VALVE	
7-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
8	94614GT	VALVE,PROP,3 POS,4-WAY*** BU, Secondary boom up/down (valve with nut and spacer only)	
8-	44229GT	SEAL KIT, VALVE	
8-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
9	44168GT	VALVE,SOLENOID,3POS 4WAY BF, Steer left/right (valve with nut and spacer only)	
9-	44229GT	SEAL KIT, VALVE	
9-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
10	101277GT	VALVE,RELIEF,2100 PSI*** BV, Secondary boom down	
10-	44227GT	SEAL KIT, VALVE	

703.1 Function Manifold



Item	Part No.	Description	Qty.
11	48912GT	CONN,520120-4-6***	
12	47092GT	ORIFICE DISC,.046",GREEN CF, Secondary boom down circuit (located under fitting)	
13	48997GT	NIPPLE,DIAGNOSTIC,#4	
		Testing	
13-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
14	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BT, Differential sensing circuit,secondary boom down	
14-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
15	44178GT	VALVE,CHECK,5 PSI** BW, Secondary boom circuit	
15-	44224GT	SEAL KIT, VALVE	
16	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BS, Differential sensing circuit, secondary boom up	
16-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
17	52369GT	VALVE,FLOW REG., 2.0 GPM,GS68	
		BB, Steer circuit	
17-	44225GT	SEAL KIT, VALVE	
18	52906GT	VALVE-RELIEF,3200 PSI	
		BA, System relief	
18-	44225GT	SEAL KIT, VALVE	
19	826779GT	VALVE,SHUTTLE	
		BO, Turntable rotate circuit	
19-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
20	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BQ, Differential sensing circuit, turntable rotate	
20-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
21	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* CB, Differential sensing circuit,primary boom retract	
21-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
22	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BC, Differential sensing circuit, platform rotate left / jib boom up	
22-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
23	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BD, Differential sensing circuit,platform rotate right / jib boom down	
23-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
24	62324GT	VALVE,FLOW CONTROL, 0.1GPM* BX, Differential sensing circuit,primary boom up/down	
24-	44228GT	SEAL KIT, VALVE	
25	54063GT	VALVE,CB,CBBC-LHN@1000***	
		CD, Primary boom down circuit	
25-	43018GT	SEAL KIT (39345)	

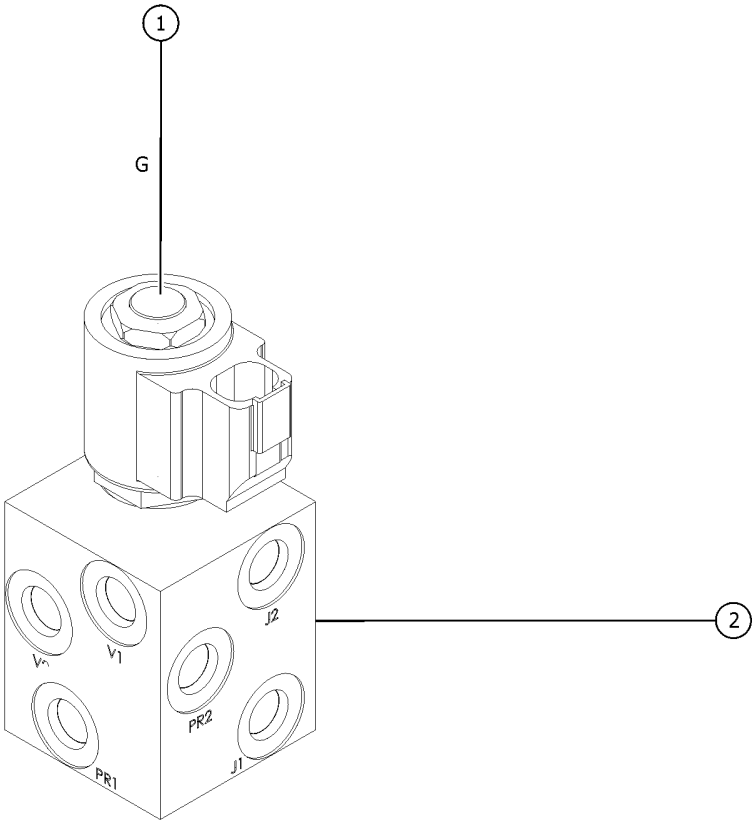
703.1 Function Manifold



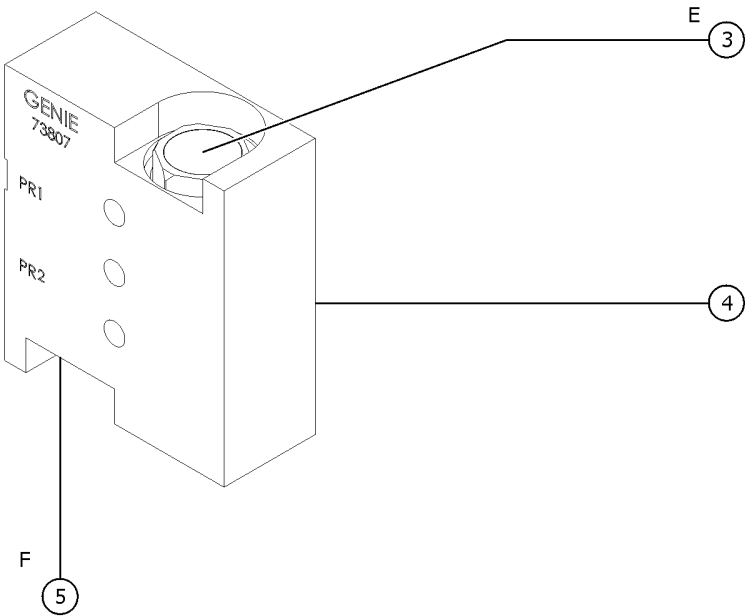
Item	Part No.	Description	Qty.
26	110180GT	VALVE, COMPENSATOR, 80 PSI BR, Turntable rotate circuit	
26-	44225GT	SEAL KIT, VALVE	
27	44216GT	VALVE, SHUTTLE CE, Differential sensing circuit, primary boom up/down	
27-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
28	94618GT	VALVE, FLOW CONTROL, 4 GPM BE, Platform rotate / jib boom circuit primary boom up/down	
28-	44228GT	SEAL KIT, VALVE	
29	101055GT	VALVE, NEEDLE, FINE ADJUSTMENT** BN, Platform level circuit	
29-	44228GT	SEAL KIT, VALVE	
30	52374GT	VALVE, RELIEF, 3000 PSI, GS68 PUMP1 BH, Platform level circuit	
30-	44227GT	SEAL KIT, VALVE	
31	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BK, Differential sensing circuit, platform level up	
31-	62341GT	SEAL KIT, 52907, SIZE 4, 2 WAY	
32	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BL, Differential sensing circuit, platform level down	
32-	62341GT	SEAL KIT, 52907, SIZE 4, 2 WAY	
33	62815GT	VALVE, SOLENOID, 2POS 3 WAY*** CC, Primary boom retract (valve with nut and spacer only)	
33-	52371GT	SEAL KIT, VALVE	
33-	89863GT	COIL, 10V DC, DEUTCH W/DIODE*** (coil sold seperately)	
34	44216GT	VALVE, SHUTTLE BI, Platform level circuit	
34-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
35	101958GT	VALVE, CHECK, DUAL PILOT, 135 PSI BJ, Platform level circuit	
35-	44229GT	SEAL KIT, VALVE	

704.1 Jib and Platform Rotate Manifolds

Jib Manifold



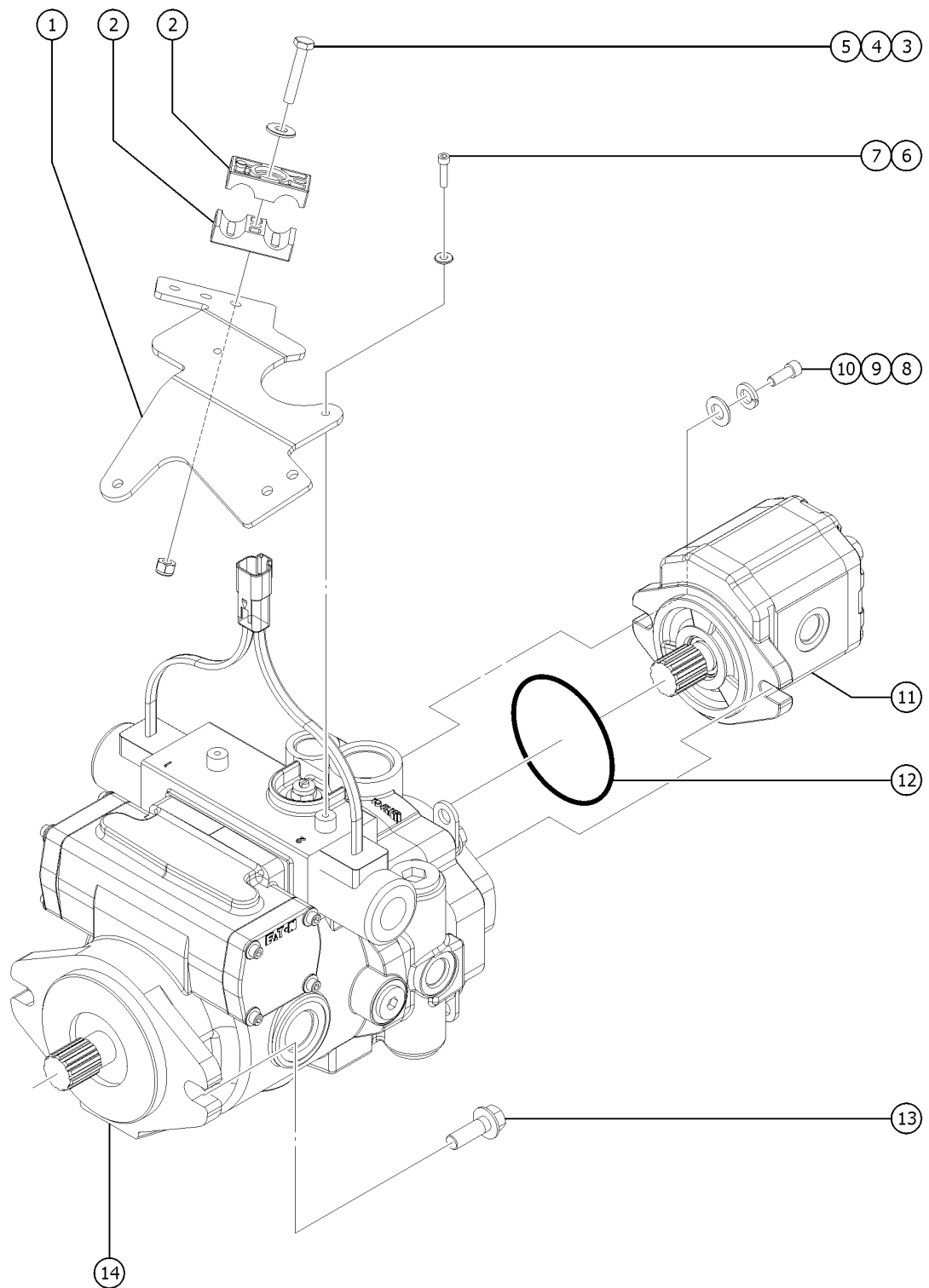
Platform Rotate Manifold



704.1 Jib and Platform Rotate Manifolds

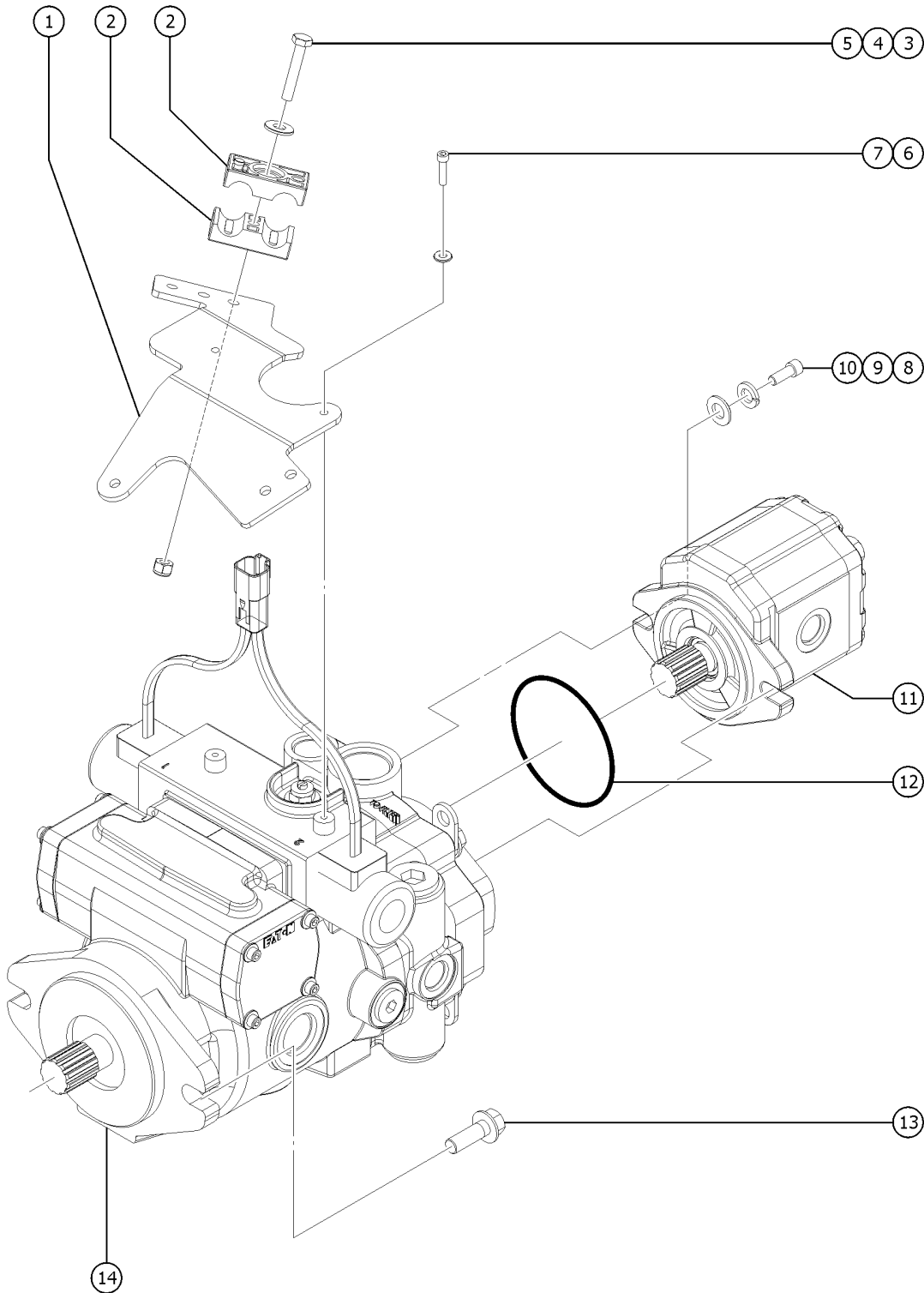
Item	Part No.	Description	Qty.
1	52897GT	VALVE,SOLENOID, 2POS/3WAY*** G, Platform rotate left/right and jib boom up/down, for 1256670, does not include the coil or nut, 104759 or 44174	
1-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
1-	44174GT	NUT-COIL SHORT	
1-	52371GT	SEAL KIT, VALVE	
2	1256670GT	MANIFOLD,JIB SELECT W/QD PLUG	
		includes item 1	
2-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
2-	44174GT	NUT-COIL SHORT	
2-	52371GT	SEAL KIT, VALVE	
		for 52897	
2-	52897GT	VALVE,SOLENOID, 2POS/3WAY***	
3	62506GT	VALVE - COUNTERBALANCE**	1
		F, Platform rotate right circuit	
3-	43018GT	SEAL KIT (39345)	
		for 62506	
4	73807GT	MANIFOLD,ROTATOR,CB***	1
		includes item 3	
4-	43018GT	SEAL KIT (39345)	
4-	62507GT	O-RING, ROTATOR MANIFOLD	
5	62506GT	VALVE - COUNTERBALANCE**	1
		E, Platform rotate left circuit	
5-	43018GT	SEAL KIT (39345)	
		for 62506	
5-	46018PGT	BRACKET,BOX	

705.1 Pumps



Item	Part No.	Description	Qty.
1	216342GT	BRACKET,PUMP MOUNTING	1
2	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	4
3	824063GT	SCREW, HHC, 1/4-20 X 1.75, 8, ZAG	2
4	824113GT	WASHER,FLAT,1/4,USS,ZAG	2
5	824027GT	NUT,TL FLG,1/4-20,G,ZAG	2
6	1251567GT	SCREW,PHPM SEMS ET,10-24X.75,Z	2
7	1253185GT	WASHER,FLAT,#10,USS,ZAG	2
8	1256350GT	SCREW,SHC,3/8-16X1,A574,ZAG	2
9	824110GT	WASHER,LOCK,3/8,ZAG	2
10	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG	2
11	81013GT	PUMP,PIGGBACK,11CC,11 TOOTH***	1
11-	81669GT	SEAL KIT,11 TOOTH PUMP*** for 81013	
12	43683GT	O-RING,2-042 N674-70***	1
13	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	2
14	77788GT	PUMP,PISTON,49CC***	1
14-	101294GT	KIT,CHARGE PUMP	
14-	106835GT	CONTROLLER W/O COILS (77788) (first time replacement requires 1285505GT)	
14-	106836GT	O-RING,STEM,EATON	
14-	106837GT	NUT,STEM,EATON***	
14-	107813GT	SPACER,EATON PUMP SHAFT SEAL** check pump date code, for pumps after 031505	
14-	107814GT	SEAL,SHAFT,EATON PUMP***	
14-	107815GT	SNAP RING,PUMP SHAFT SEAL ***	
14-	107842GT	KIT,PUMP SHAFT SEAL W/INST*** includes PNs 107813, 107814, 107815	
14-	128423GT	KIT,CHARGE PUMP HOUSING	
14-	43683GT	O-RING,2-042 N674-70***	
14-	58431GT	SEAL KIT,PUMP SHAFT (EATON)*** check pump date code, if after 031505, must also order 107813 qty 1	
14-	82431GT	HOSE ASM-JCAF310-06-41	
14-	1285505GT	KIT,SOLENOID CONTROL SERVICE	
		includes two coils	

705.1 Pumps

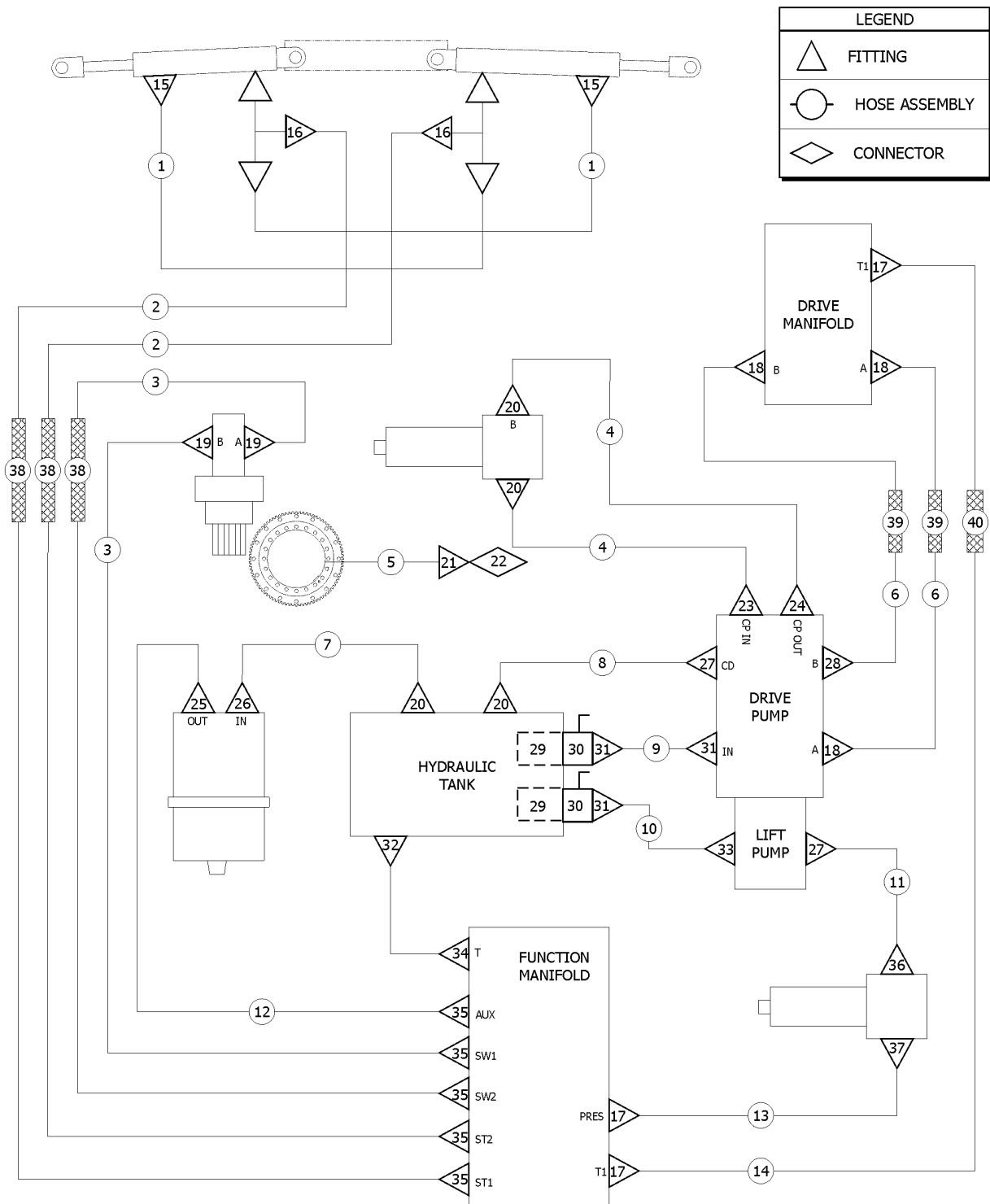


705.1 Pumps

Item	Part No.	Description	Qty.
14-	1285506GT	SEAL RING,SOLENOID CONTROL (for 1285505GT)	

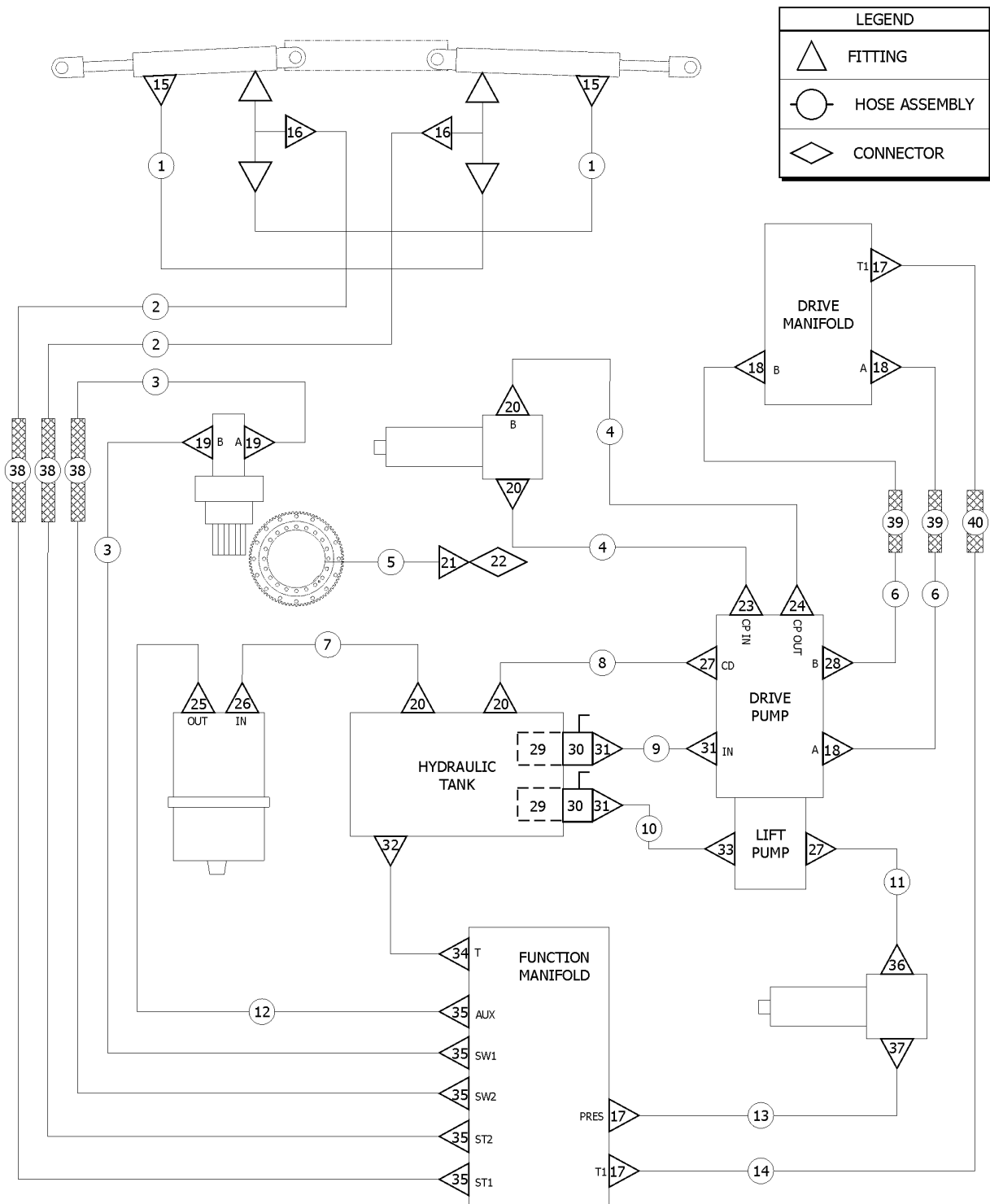


801.1 Function Manifold, View 1



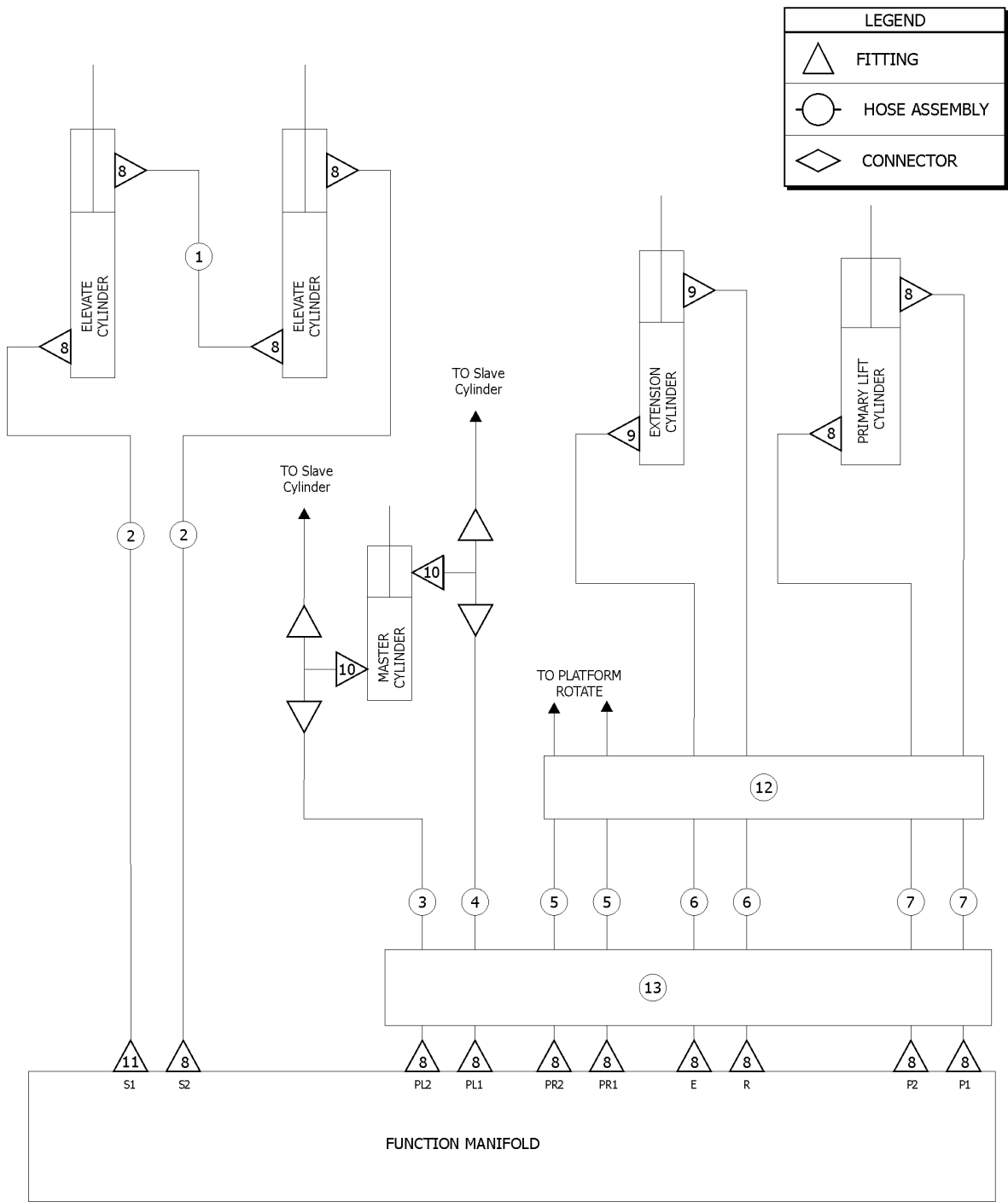
Item	Part No.	Description	Qty.
1	49118-2508GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
2	49120-13081GT	HOSE ASSEMBLY,1/4"	2
3	49119-4878GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
4	49141-2463GT	HOSE ASSY,1/2,45 FEM,STR FEM**	2
5	88635-3724GT	HOSE ASSY 1/4,STR FEM,PIPETHRE	1
6	94374-10330GT	HOSE ASSY,3/4,90 FEM,STR FEM	2
7	1290359-3121GT	ASSY, HOSE, AIR, -6, 350, STR, 90	1
8	49141-6763GT	HOSE ASSY,1/2,45 FEM,STR FEM	1
9	1290343-4750GT	ASSY, HOSE, HYD, -16, 250, STR, STR from SN Z452515A-53822 to 55298	
9B	28678-4650GT	SLEEVE,NYLON,2.00 ID	
		for 1290343-4750	
10	1290343-4750GT	ASSY, HOSE, HYD, -16, 250, STR, STR from SN Z452515A-53822 to 55298	
10B	28678-4650GT	SLEEVE,NYLON,2.00 ID	
		for 1290343-4750	
11	75278-2629GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
12	49117-5691GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
13	61143-8063GT	HOSE ASSY,1/2,45 FEM,STR FEM	1
14	49183-11492GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
15	48911GT	ELBOW,90D,520220-4-6***	2
16	48918GT	TEE,RUN,520428-6	2
17	48933GT	CONN,520120-8***	3
18	48906GT	TEE,RUN,520428-4	2
19	48904GT	ELBOW,90D,520220-4-4	2
20	48932GT	FITTING,ELBOW,90D,520220-8***	4
21	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	1
22	94643GT	ZERK,GREASE,5/16-24,STRAIT	1
23	48949GT	CONN,520120-8-16	1
24	48946GT	CONN,520120-8-10	1
25	48912GT	CONN,520120-4-6***	1
26	48916GT	FITTING,CONN,520120-6	1

801.1 Function Manifold, View 1



Item	Part No.	Description	Qty.
27	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	1
28	48978GT	ELBOW,45D,520320-12-16	2
29	147419GT	KIT,STRAINER REPLACEMENT	2
30	48996GT	VALVE,BALL,16 MSAE-16 FSAE***	2
31	48984GT	CONN,520120-16	3
32	48977GT	CONN,520120-12-16	1
33	48983GT	ELBOW,90D,520220-16	1
34	48960GT	FITTING,CONN,520120-12	1
35	48905GT	CONN,520120-4***	5
36	48947GT	ELBOW,90D,520220-8-12	1
37	48948GT	CONN,520120-8-12	1
38	48773-2800GT	SLEEVE,NYLON,.86 ID	3
39	48767-2000GT	SLEEVE,NYLON,1.42 ID	2
40	48773-2000GT	SLEEVE,NYLON,.86 ID	1

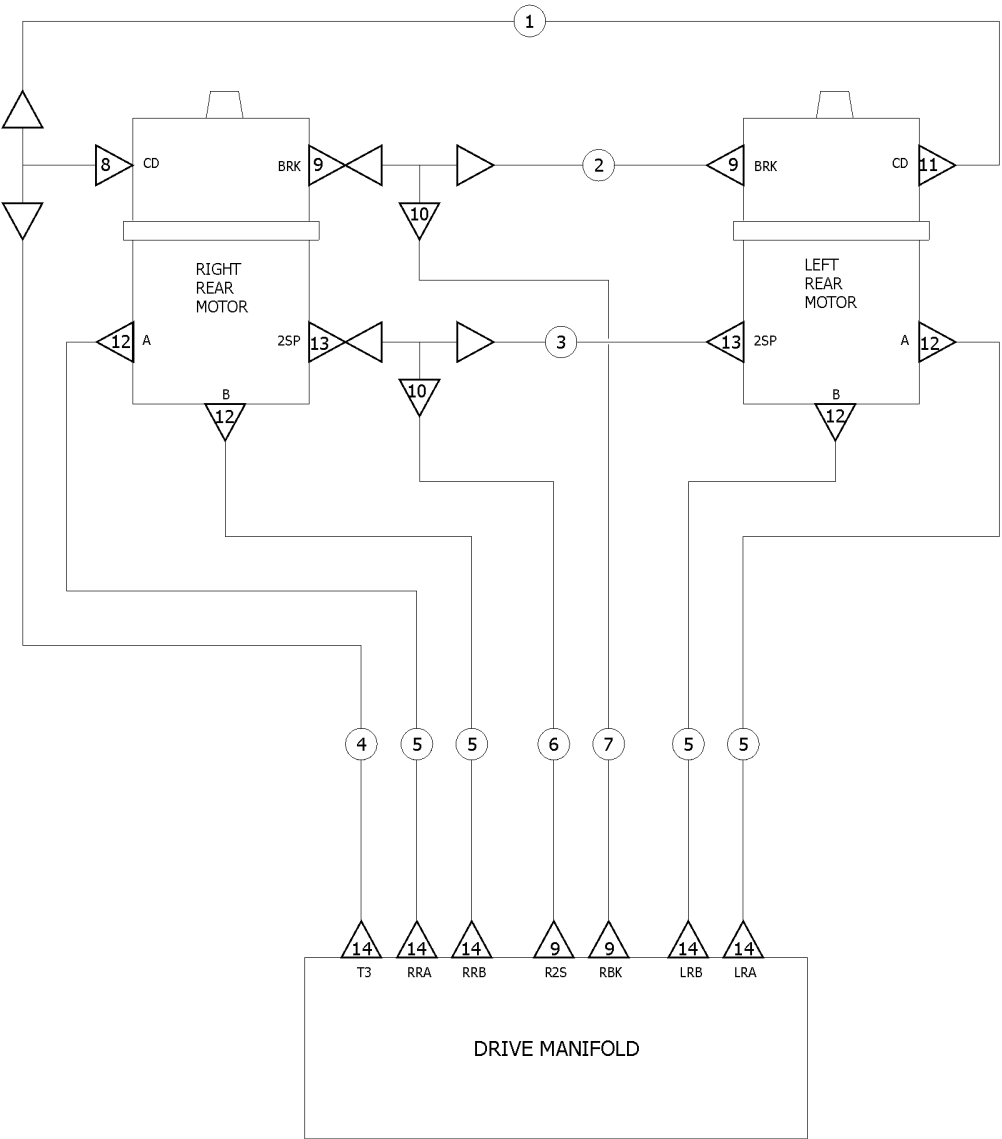
802.1 Function Manifold, View 2



Item	Part No.	Description	Qty.
1	49119-2178GT	HOSE ASSY,1/4,STR FEM,STR FEM (Components: 48800, 48800, 48751 @ 20 inches)	2
2	49119-16178GT	HOSE ASSY,1/4,STR FEM,STR FEM (Components: 48800, 48800, 48751 @ 160 inches)	2
3	49119-36178GT	HOSE ASSY,1/4,STR FEM,STR FEM (Components: 48800, 48800, 48751 @ 360 inches)	1
4	49119-37678GT	HOSE ASSY,1/4,STR FEM,STR FEM (Components: 48800, 48800, 48751 @ 375 inches)	1
5	49119-39378GT	HOSE ASSY,1/4,STR FEM,STR FEM (Components: 48800, 48800, 48751 @ 392 inches)	2
6	49120-35381GT	HOSE ASSY 1/4, STR FEM,STR FEM (Components: 48800, 48810, 48751 @ 352 inches)	2
7	49119-38578GT	HOSE ASSY,1/4,STR FEM,STR FEM (Components: 48800, 48800, 48751 @ 384 inches)	2
8	48905GT	CONN,520120-4***	15
9	48917GT	CONN, LONG,520122-6	2
10	48890GT	FITTING,TEE,BRANCH,520429-4***	2
11	48912GT	CONN,520120-4-6***	1
12	77103-3600GT	SLEEVE,NYLON,3.13 ID	1
13	77103-4800GT	SLEEVE,NYLON,3.13 ID	1

803.1 Drive and Steer, 2WD

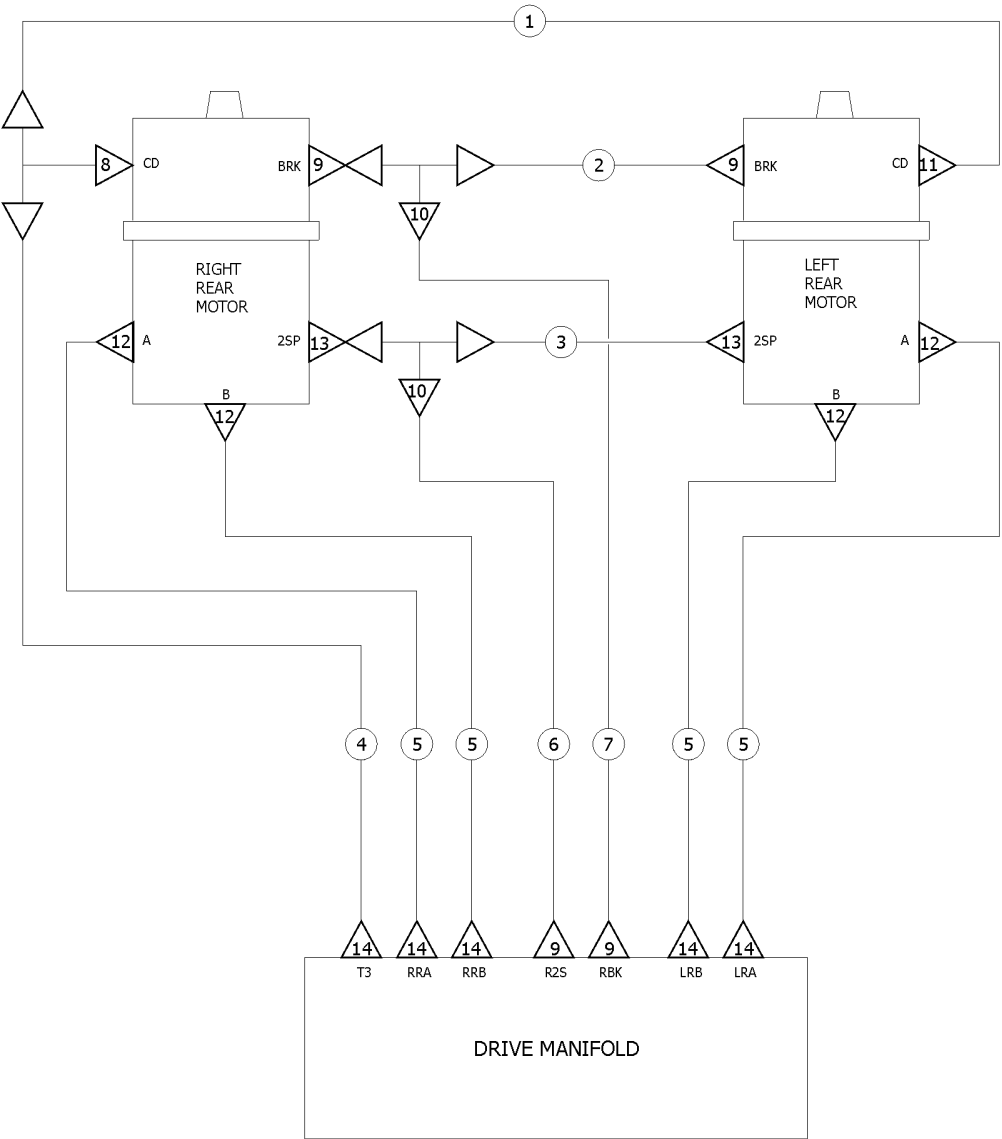
LEGEND	
	FITTING
	HOSE ASSEMBLY
	CONNECTOR



Item	Part No.	Description	Qty.
1	94464-7086GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
2	49119-6078GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
3	49119-5478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
4	1290361-5828GT	ASSY, HOSE, AIR, -8, 300, STR, 45	1
5	81812-4892GT	HOSE ASSY,1/2,STR FEM,STR FEM	4
6	49117-4991GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
7	49117-5191GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
8	48936GT	TEE,BRANCH,520429-8	1
9	48905GT	CONN,520120-4***	4
10	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	2
11	48932GT	FITTING,ELBOW,90D,520220-8***	1
12	48947GT	ELBOW,90D,520220-8-12	4
13	48911GT	ELBOW,90D,520220-4-6***	2
14	48933GT	CONN,520120-8***	5

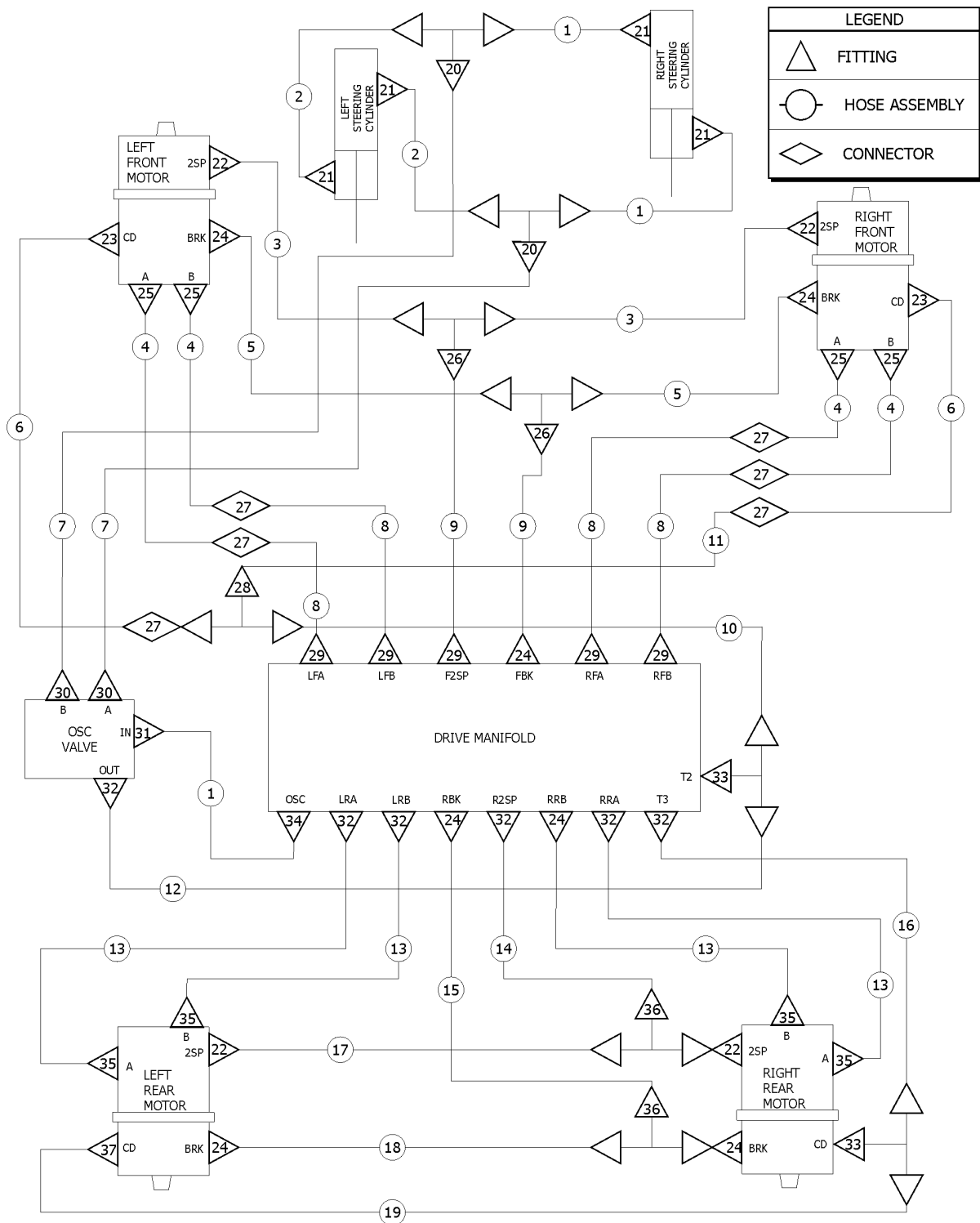
803.1 Drive and Steer, 2WD

LEGEND	
	FITTING
	HOSE ASSEMBLY
	CONNECTOR



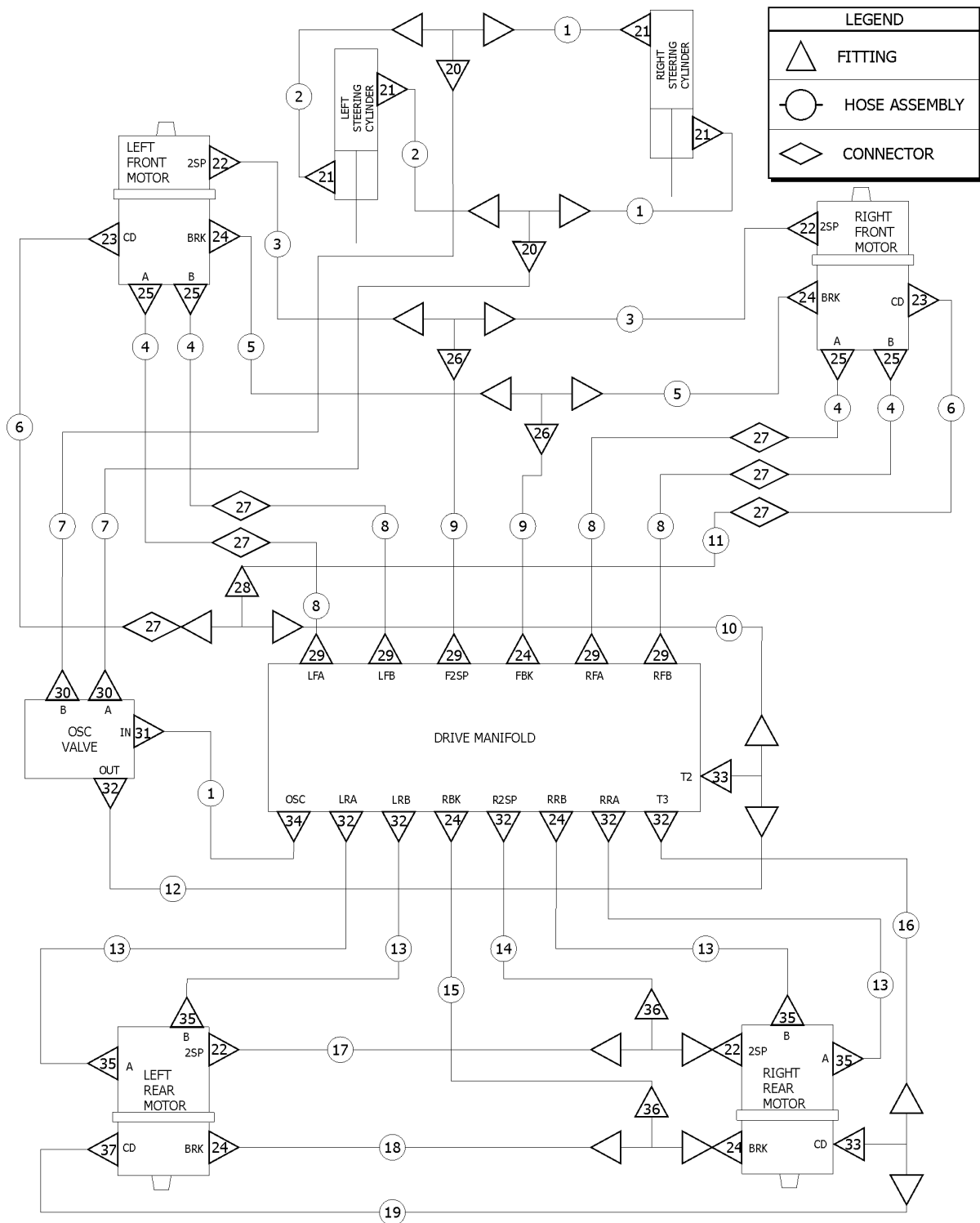
Item	Part No.	Description	Qty.
1	94464-7086GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
2	49119-6078GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
3	49119-5478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
4	1290361-5828GT	ASSY, HOSE, AIR, -8, 300, STR, 45	1
5	81812-4892GT	HOSE ASSY,1/2,STR FEM,STR FEM	4
6	49117-4991GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
7	49117-5191GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
8	48936GT	TEE,BRANCH,520429-8	1
9	48905GT	CONN,520120-4***	4
10	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	2
11	48932GT	FITTING,ELBOW,90D,520220-8***	1
12	48947GT	ELBOW,90D,520220-8-12	4
13	48911GT	ELBOW,90D,520220-4-6***	2
14	48933GT	CONN,520120-8***	5

804.1 Drive and Steer, 4WD



Item	Part No.	Description	Qty.
1	49117-2591GT	HOSE ASSY,1/4,90 FEM,STR FEM**	3
2	49117-2191GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
3	49119-5578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
4	61143-3263GT	HOSE ASSY,1/2,45 FEM,STR FEM	4
5	49117-5591GT	HOSE ASSY,1/4,90 FEM,STR FEM**	2
6	49126-3433GT	HOSE ASSY,3/8,45 FEM,STR FEM	2
7	49116-8737GT	HOSE ASSY,1/4,45 FEM,STR FEM	2
8	77311-7156GT	HOSE ASSY,1/2,STR FEM,STR BLKH	4
9	49119-6278GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
10	1290360-8328GT	ASSY, HOSE, AIR, -6, 350, STR, STR	1
11	89554-2913GT	HOSE ASSY, 3/8" STR M,90 FM***	1
12	94464-2786GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
13	81812-4892GT	HOSE ASSY,1/2,STR FEM,STR FEM	4
14	49117-4991GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
15	49117-5191GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
16	1290361-5828GT	ASSY, HOSE, AIR, -8, 300, STR, 45	1
17	49119-5478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
18	49119-6078GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
19	49119-7078GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
20	48909GT	TEE,BULKHEAD,RUN,520958-4	2
21	48912GT	CONN,520120-4-6***	4
22	48911GT	ELBOW,90D,520220-4-6***	4
23	48930GT	CONN,520120-6-8	2
24	48905GT	CONN,520120-4***	5
25	48948GT	CONN,520120-8-12	4
26	219993GT	TEE,BULKHEAD,04MFS-04MFS-04MFS	2
27	75574GT	NUT, LOCK, SAE #4 ORFS	6
28	227614GT	TEE,BULKHEAD,RUN,520120-6	1

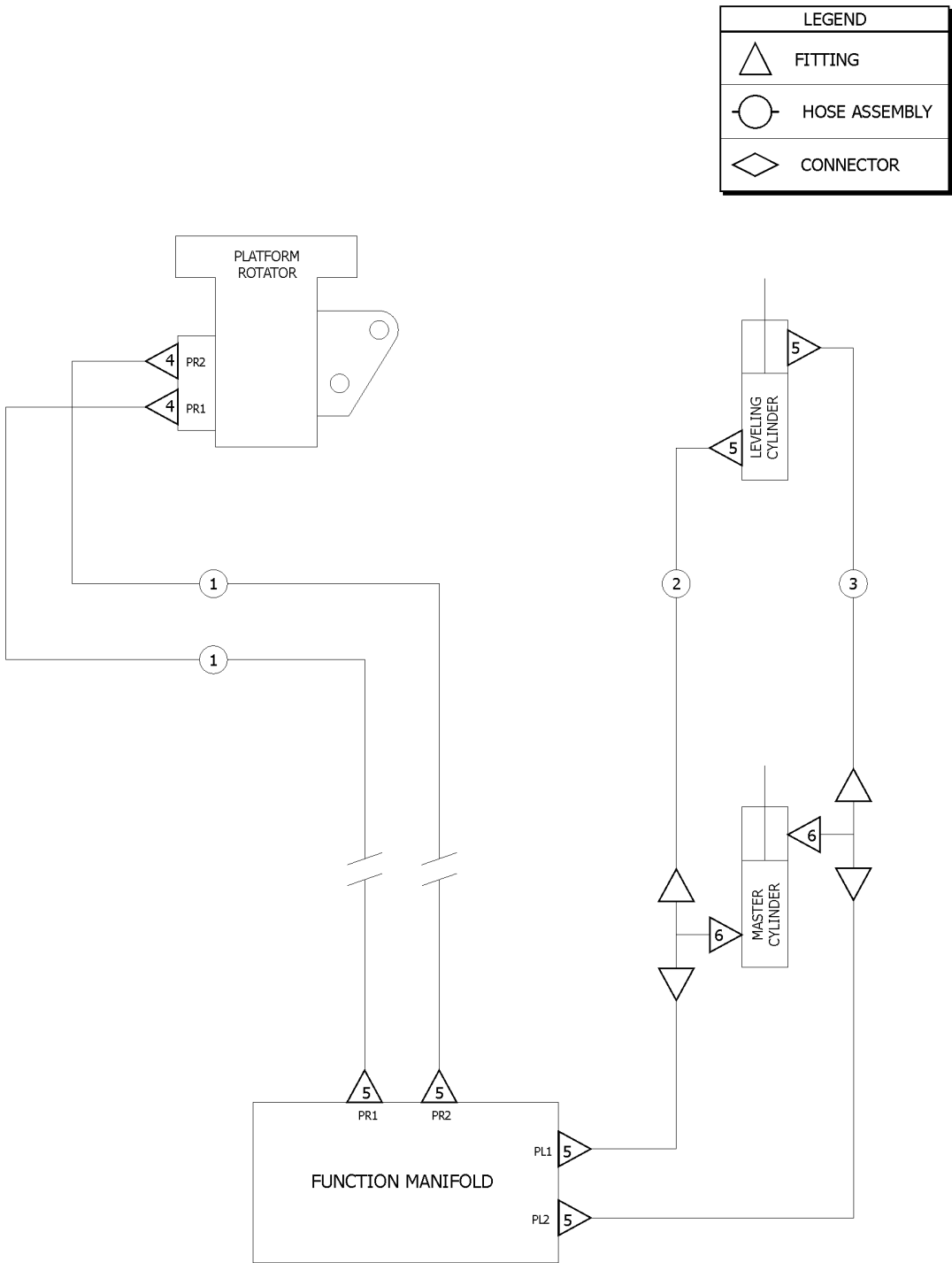
804.1 Drive and Steer, 4WD



804.1 Drive and Steer, 4WD

Item	Part No.	Description	Qty.
29	48937GT	ELBOW,45D,520320-8	5
30	49418GT	FITTING,ELBOW,45D,520320-4-6**	2
31	48914GT	CONN,520120-4-8	1
32	48933GT	CONN,520120-8***	6
33	48936GT	TEE,BRANCH,520429-8	2
34	48904GT	ELBOW,90D,520220-4-4	1
35	48947GT	ELBOW,90D,520220-8-12	4
36	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	2
37	48932GT	FITTING,ELBOW,90D,520220-8***	1

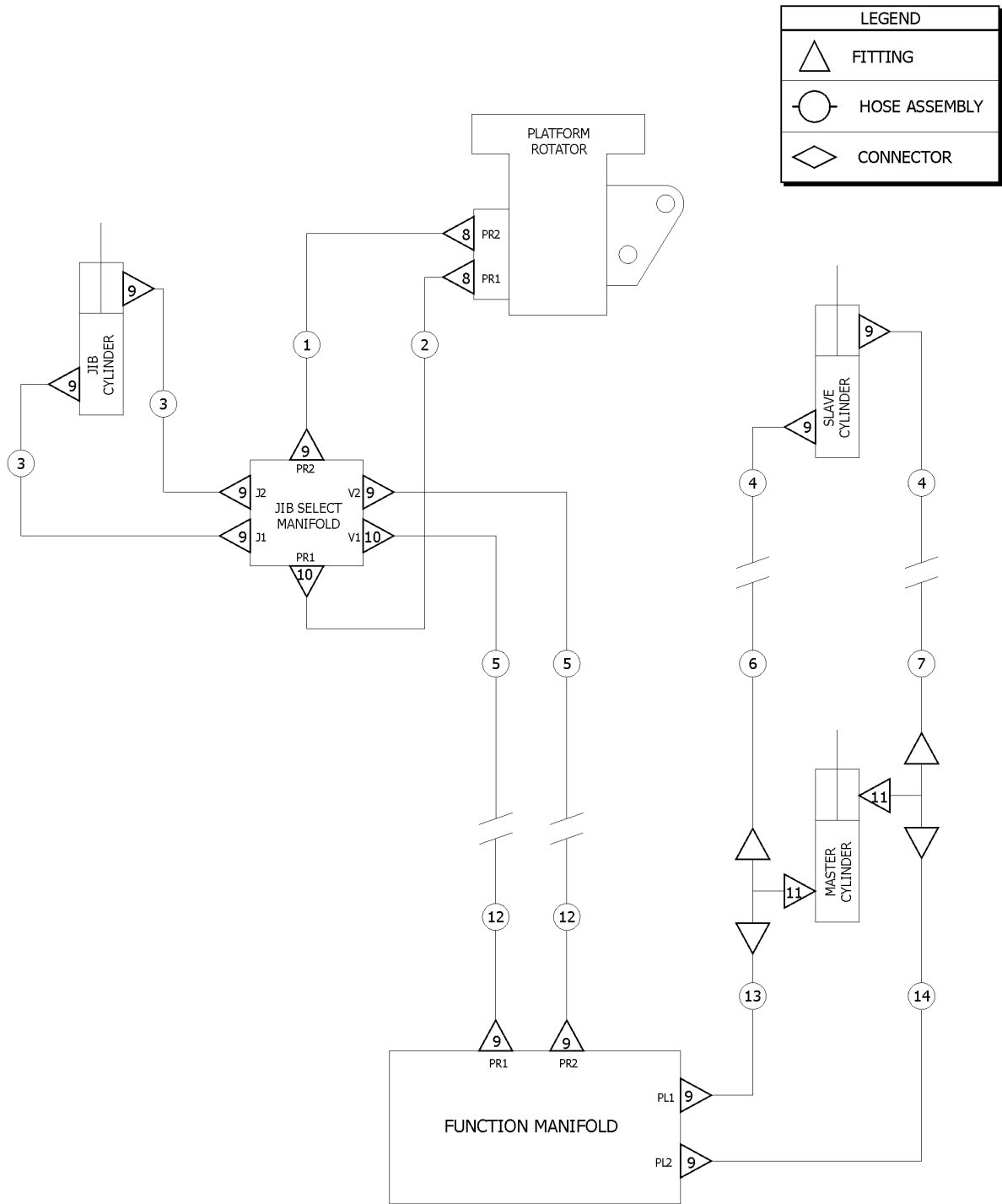
805.1 Boom Components, Z-45/25



805.1 Boom Components, Z-45/25

Item	Part No.	Description	Qty.
A-	28678-2250GT	SLEEVE,NYLON, 2" ID for item 2 and 3	1
1	49121-25688GT	HOSE ASSY 1/4,STR FEM,STR MALE (components: 42768, 48800, 48751 @ 255 inches)	2
2	49119-26078GT	HOSE ASSY,1/4,STR FEM,STR FEM (components: 48800, 48800, 48751 @ 259 inches)	1
3	49119-27478GT	HOSE ASSY,1/4,STR FEM,STR FEM (components: 48800, 48800, 48751 @ 273 inches)	1
4	48907GT	ELBOW,45D,520320-4	2
5	48905GT	CONN,520120-4***	4
6	48890GT	FITTING,TEE,BRANCH,520429-4***	2

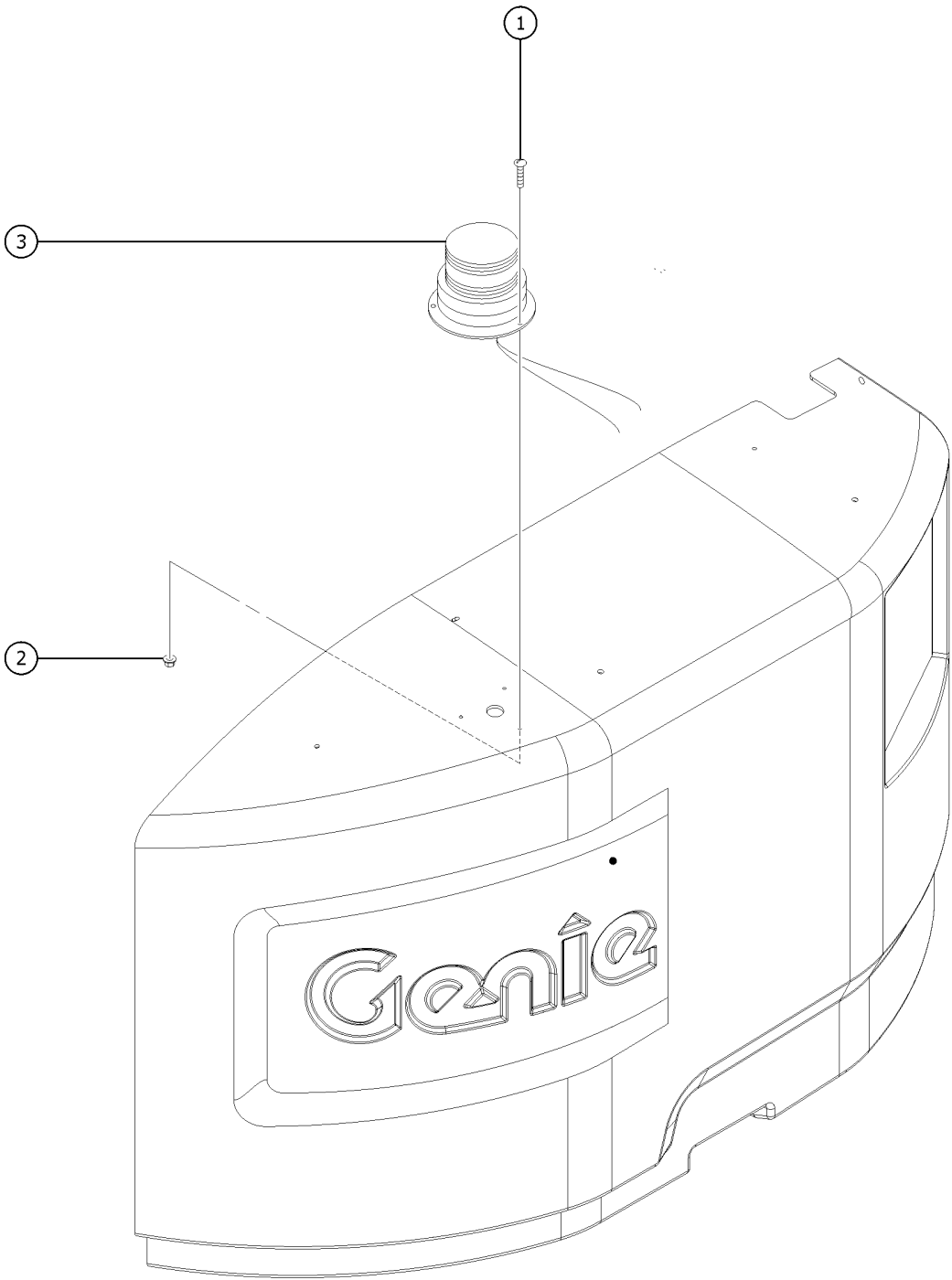
806.1 Boom Components, Z-45/25J



806.1 Boom Components, Z-45/25J

Item	Part No.	Description	Qty.
A-	28678-2250GT	SLEEVE,NYLON, 2" ID for item 4	1
B-	48767-700GT	SLEEVE,NYLON,1.42 ID X 7" LG for item 6 and 7	1
1	49119-2374GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1
2	49119-2224GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1
3	49119-4178GT	HOSE ASSY,1/4,STR FEM,STR FEM (components: 48800, 48800, 48751 @ 40 inches)	2
4	49121-2088GT	HOSE ASSY 1/4,STR FEM,STR MALE (components: 42768, 48800, 48751 @ 19 inches)	2
5	49121-27788GT	HOSE ASSY 1/4,STR FEM,STR MALE (components: 42768, 48800, 48751 @ 276 inches)	2
6	49119-20578GT	HOSE ASSY,1/4,STR FEM,STR FEM (components: 48800, 48800, 48751 @ 204 inches)	1
7	49119-21878GT	HOSE ASSY,1/4,STR FEM,STR FEM (components: 48800, 48800, 48751 @ 217 inches)	1
8	48907GT	ELBOW,45D,520320-4	2
9	48905GT	CONN,520120-4***	8
10	48904GT	ELBOW,90D,520220-4-4	2
11	48890GT	FITTING,TEE,BRANCH,520429-4***	2
12		REF: Hydraulic Hose Assembly refer to 802.1	2
13		REF: Hydraulic Hose Assembly refer to 802.1	1
14		REF: Hydraulic Hose Assembly refer to 802.1	1

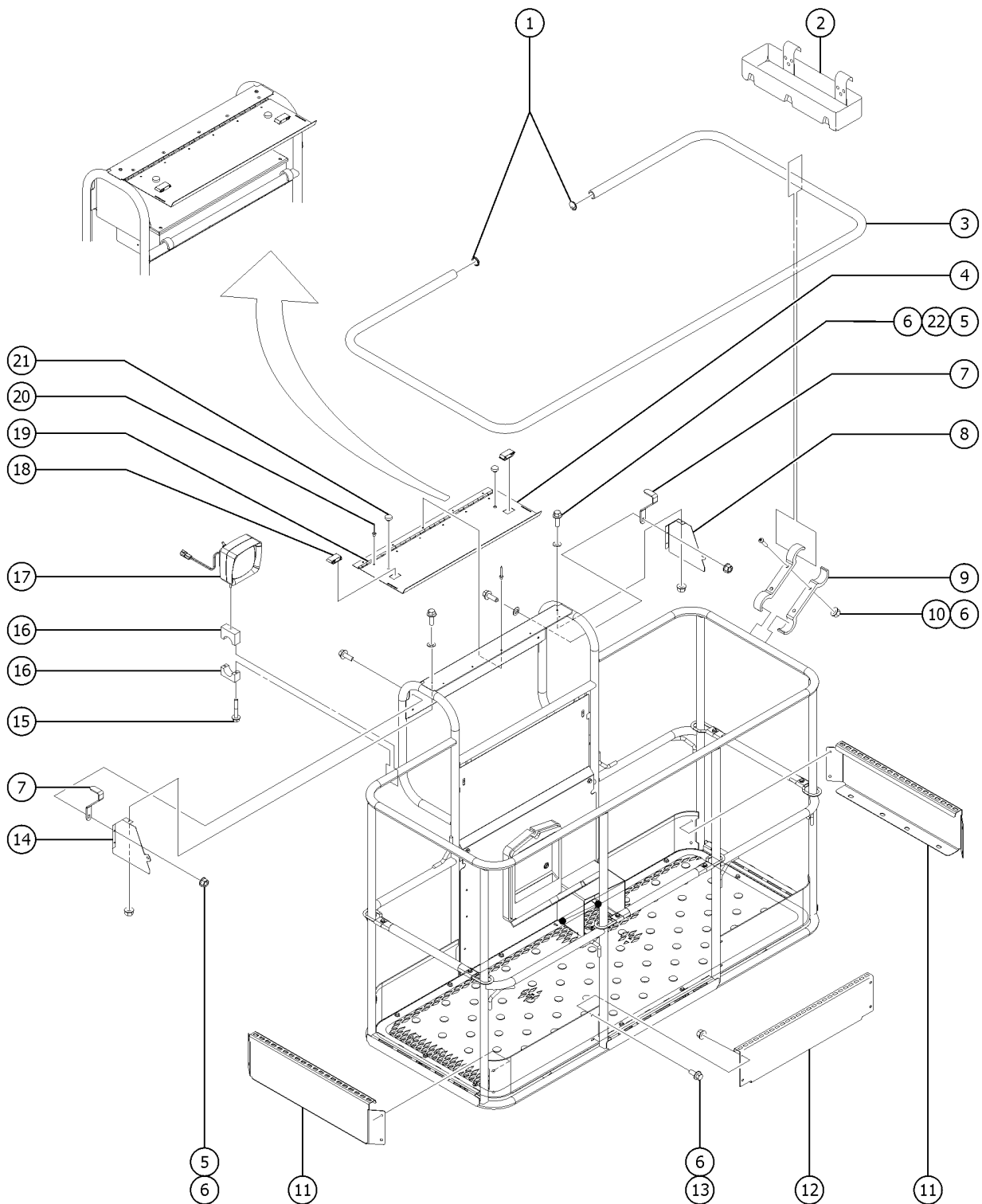
901.1 Flashing Alarm Package



901.1 Flashing Alarm Package

Item	Part No.	Description	Qty.
1	825352GT	SCREW,PHPM,10-32X1.25,ZAG	3
2	1264261GT	NUT,SERRATED,10-32,ZAG	3
3	56704GT	STROBE,FIREBOLT,12-80VDC,AMB**	1
3-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
3-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
3-	72282GT	LENS,AMBER,STROBE,FIREBOLT	

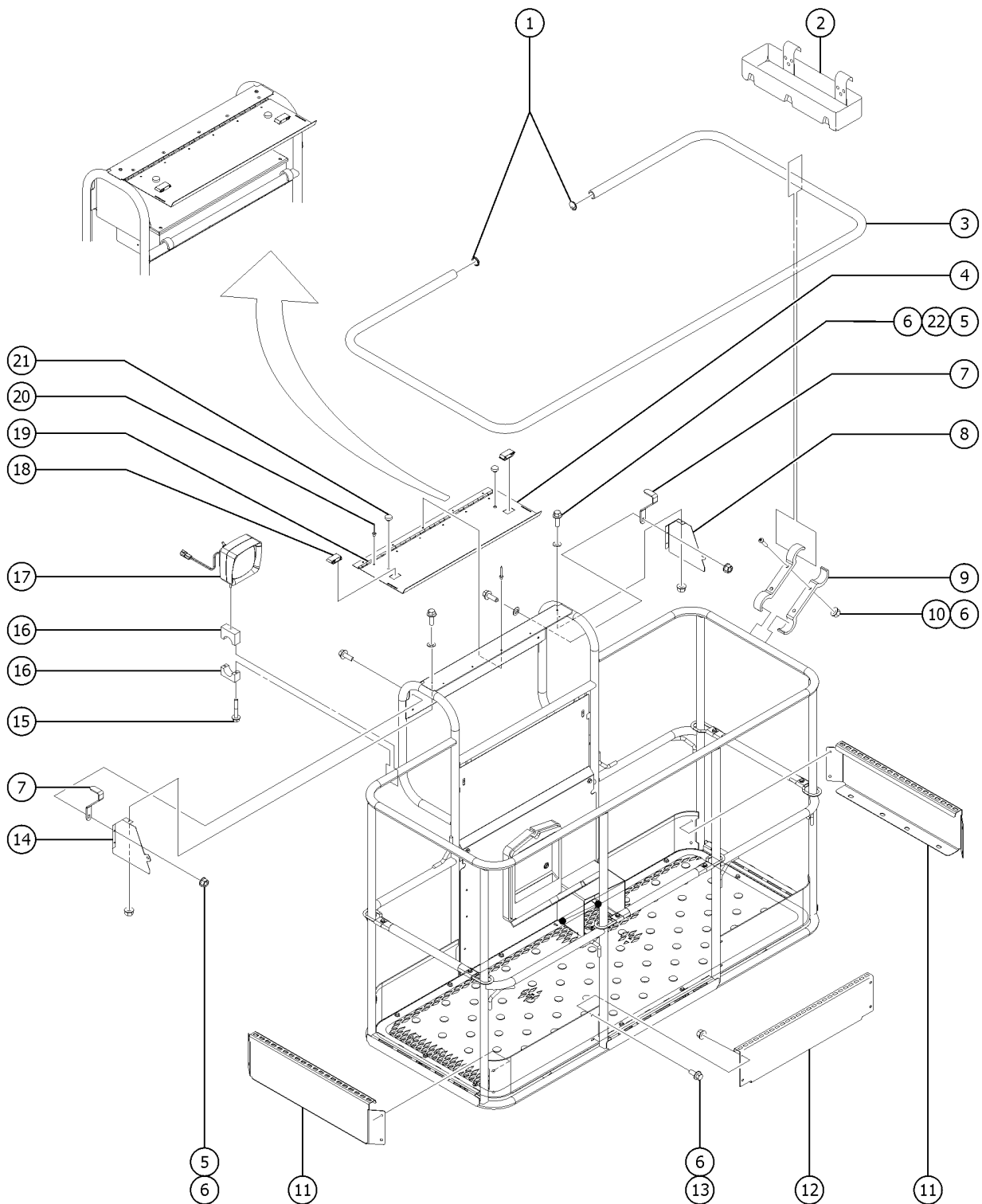
902.1 Platform Options



902.1 Platform Options

Item	Part No.	Description	Qty.
A	219684GT	HARN,DRIVE LIGHTS,Z45/Z51	
1	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
2	9599-SGT	TOOL TRAY ACCESSORY***	1
2-	7746PGT	TOOL TRAY BRACKET (GRAY) **	
3A		Ref. PINCH GUARD RAIL,6' PLATFORM	1
		(refer to 922.1)	
3B		Ref. AUX TOP RAIL,6FT,PTD	1
		(refer to 922.1)	
4	102785PGT	CONTROL BOX COVER,LID,PTD	1
5	1268957GT	SCREW,HHC,1/4-20X.63,8,ZAG	
6	824027GT	NUT,TL FLG,1/4-20,G,ZAG	
7	102786PGT	FORMING,LATCH,CTRL BOX LID PTD	2
8	88606PGT	COVER,CONTROL BOX RIGHT SIDE**	1
9	122073GT	SUPPORT, RAILING	20
10	824227GT	SCREW,BHC,1/4-20X1,F835,ZAG	
11	139438GT	TOEBOARD, TRI ENTRY 6', EURO	2
12	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
13	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	
14	88607PGT	COVER,CONTROL BOX LEFT SIDE***	1
15	824081GT	SCREW,HHF,1/4-20X1.5,8,ZAG	4
16	35956GT	BRACKET,WORK LIGHT MOUNT 5/16"	2
17	71498GT	WORKLIGHT, 12V, DEUTSCH RECEPT	2
17-	824085GT	SCREW,HHF,5/16-18X.75,8,ZAG	
17-	160554GT	HARN,CABLE,WORK LIGHTS,Z45	
17-	219685GT	HARNESS,RELAY,LIGHT PKG,Z45/51	
17-	53517GT	GROMMET,RUBBER .5 X .014 X .75	
17-	T114627GT	HARNESS,12V WORK LIGHTS	
18	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	2
19	111526GT	HINGE,PLAT CONTROL BOX COVER	1
20	87085GT	RIVET,ALUM,P.,.188 X .25	12

902.1 Platform Options

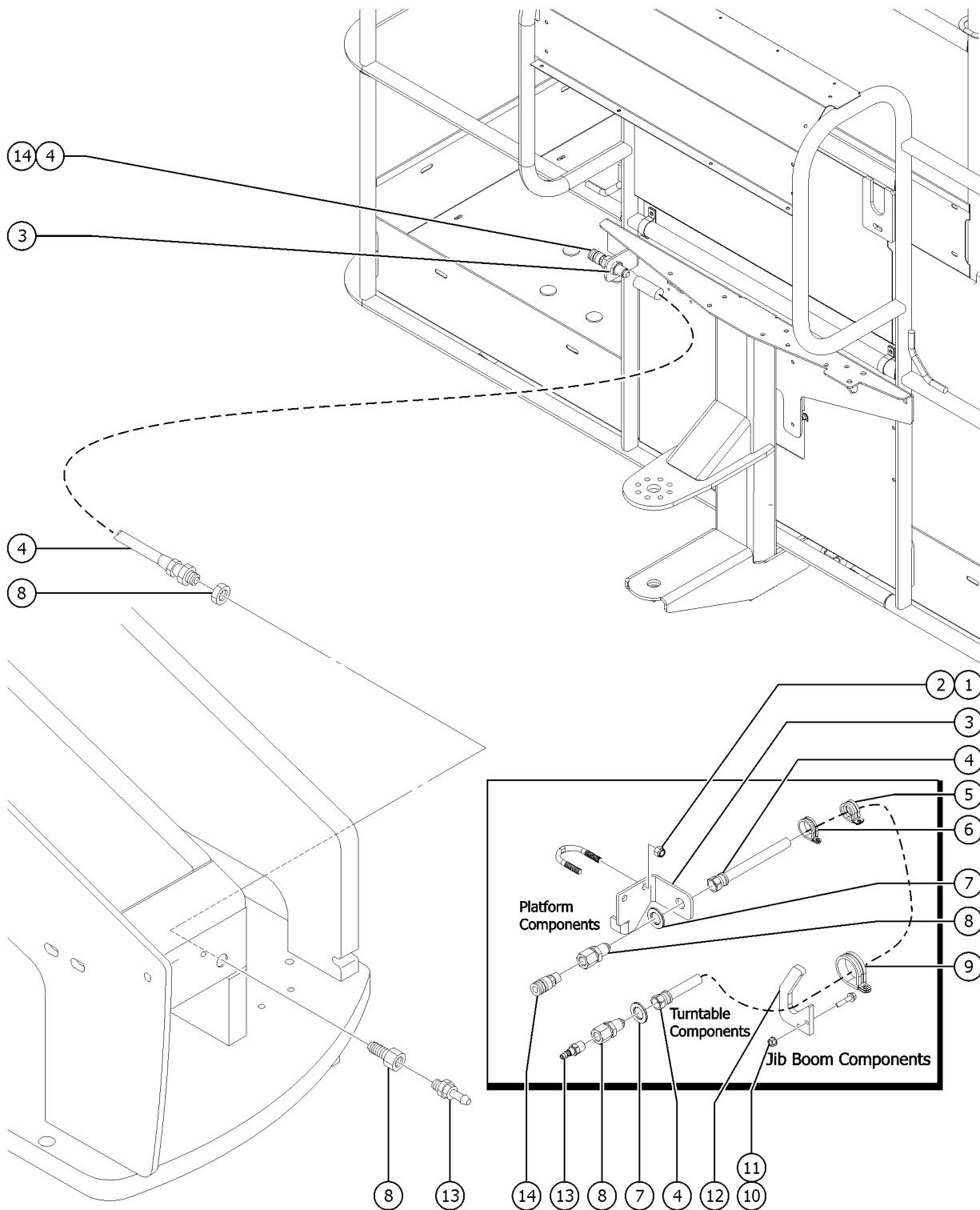


902.1 Platform Options

Item	Part No.	Description	Qty.
21	43392GT	BUMPER,BATTERY BOX & RAILS	2
22	824113GT	WASHER,FLAT,1/4,USS,ZAG	



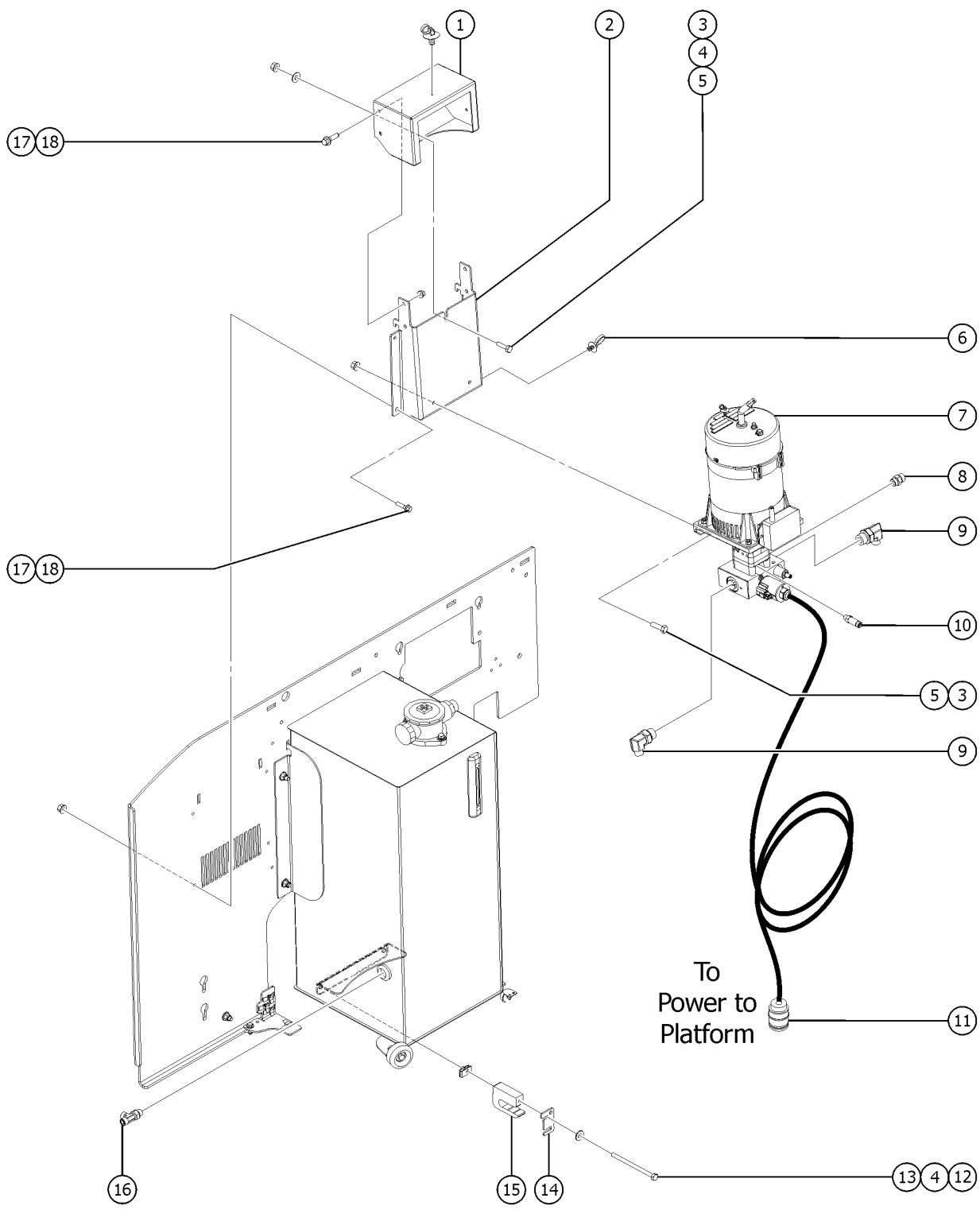
903.1 Air Line to Platform



903.1 Air Line to Platform

Item	Part No.	Description	Qty.
A		DECAL,LABEL,AIRLINE 110 PSI refer to 101.1	
B	110149GT	CABLE TIE,DFT MOUNT,BLK,6.5"	4
1	824029GT	NUT,TL FLG,3/8-16,G,ZAG	2
2	1251600GT	U-BOLT, FLATTENED, 1.5 X 3/8	1
3	70642PGT	BRACKET,AIR HOSE TO PLAT PAINT	1
4	70644-75792GT	HOSE ASSY,3/8 STR FEM STR FEM*	1
4-	16073GT	CLAMP,0.63,#10 X 1/4,RUB CUSH	
5	45454GT	CLAMP,RUB CUSH,0.75,#12 X 3/8*	6
6	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	6
7	1256863GT	WASHER,FLAT,.75,SAE,HRD,ZAG	2
8	49212GT	FEMALE BULKHEAD CONNECTOR-8	2
9	66031GT	CLAMP,1.88,#30 X 3/8,RUB CUSH	2
		Jib models only	
10	824027GT	NUT,TL FLG,1/4-20,G,ZAG	
		Jib models only	
11	824080GT	SCREW,HHF,1/4-20X1.25,8,ZAG	
		Jib models only	
12	128482GT	HOSE GUIDE, JIB	1
		Jib models only	
13	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	1
14	49215GT	MPT,CPLR,1/4"SER,3/8"X18	1

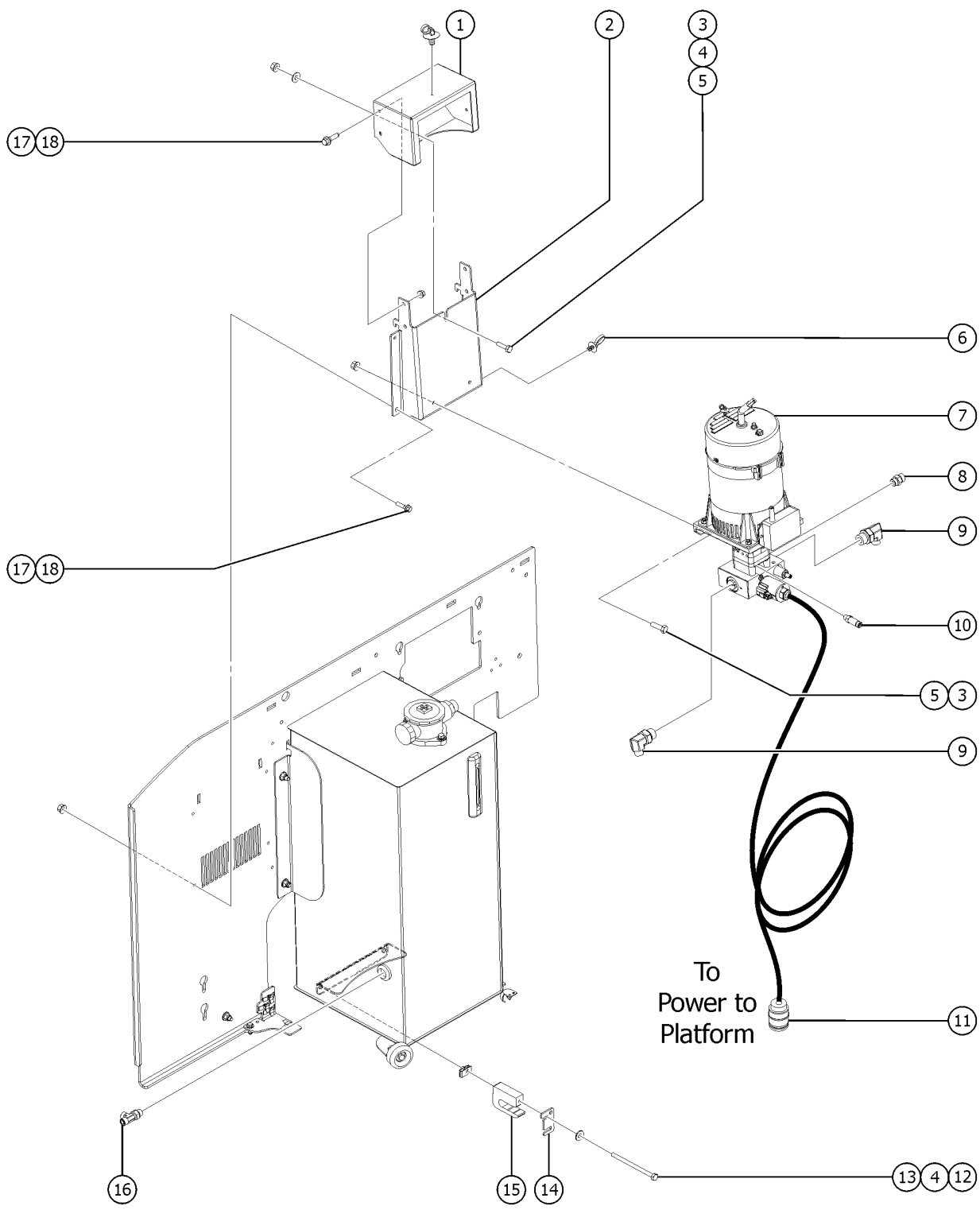
905.1 Hydraulic Generator



905.1 Hydraulic Generator

Item	Part No.	Description	Qty.
1	160358GT	COVER,GENERATOR	1
2	231570GT	FORMING,GENERATOR MOUNT	1
3	1264101GT	SCREW,HHC,5/16-18X1,8,ZAG	5
4	824113GT	WASHER,FLAT,1/4,USS,ZAG	3
5	824028GT	NUT,TL FLG,5/16-18,G,ZAG	5
6	110149GT	CABLE TIE,DFT MOUNT,BLK,6.5"	6
7A	147265GT	GENERATOR, 2kW, 120V/60Hz 120V/60HZ	1
7A-	1269694GT	CONTROL BOX,2KW,120/240V,60HZ for 147265	
7A-	147280GT	BREAKER, 20AMP CIRCUIT, GEN for 147265	
7A-	1285230GT	CAPACITOR 12.5μF, GEN for 147265	
7A-	119067GT	CONN,RECEP 4 WAY ENDCAP DT for 147265	
7A-	64260GT	TERM,NI PIN,16-18 BULK for 147265	
7A-	60443GT	LOCK, RECEP 4WAY, 14-18GA for 147265	
7A-	1255646GT	MANIFOLD ASSEMBLY, GEN 2.2KW for 147265	
7A-	1259443GT	12VDC PROPORTIONAL VALVE, PV70 for 147265	
7A-	147275GT	VALVE, RELIEF, GEN, 2.2kW for 147265	
7A-	147274GT	204 HYD MOTOR, GEN for 147265	
7A-	147231GT	SEAL KIT, HYD MOTOR, GEN for 147265	
7A-	147277GT	GENERATOR, 120VAC 60Hz 2200W for 147265	
7A-	147241GT	COVER, END, GEN, 120V for 147265	
7A-	147242GT	SCREW, GEN ROTOR for 147265	
7B	147266GT	GENERATOR, 2kW, 240V/50Hz 240V/50HZ	1
7B-	1269693GT	CONTROL BOX,2KW,120/240V,50HZ for 147266	
7B-	1285230GT	CAPACITOR 12.5μF, GEN for 147266	
7B-	147281GT	BREAKER, 10AMP CIRCUIT, GEN for 147266	
7B-	119067GT	CONN,RECEP 4 WAY ENDCAP DT for 147266	
7B-	64260GT	TERM,NI PIN,16-18 BULK for 147266	
7B-	60443GT	LOCK, RECEP 4WAY, 14-18GA for 147266	

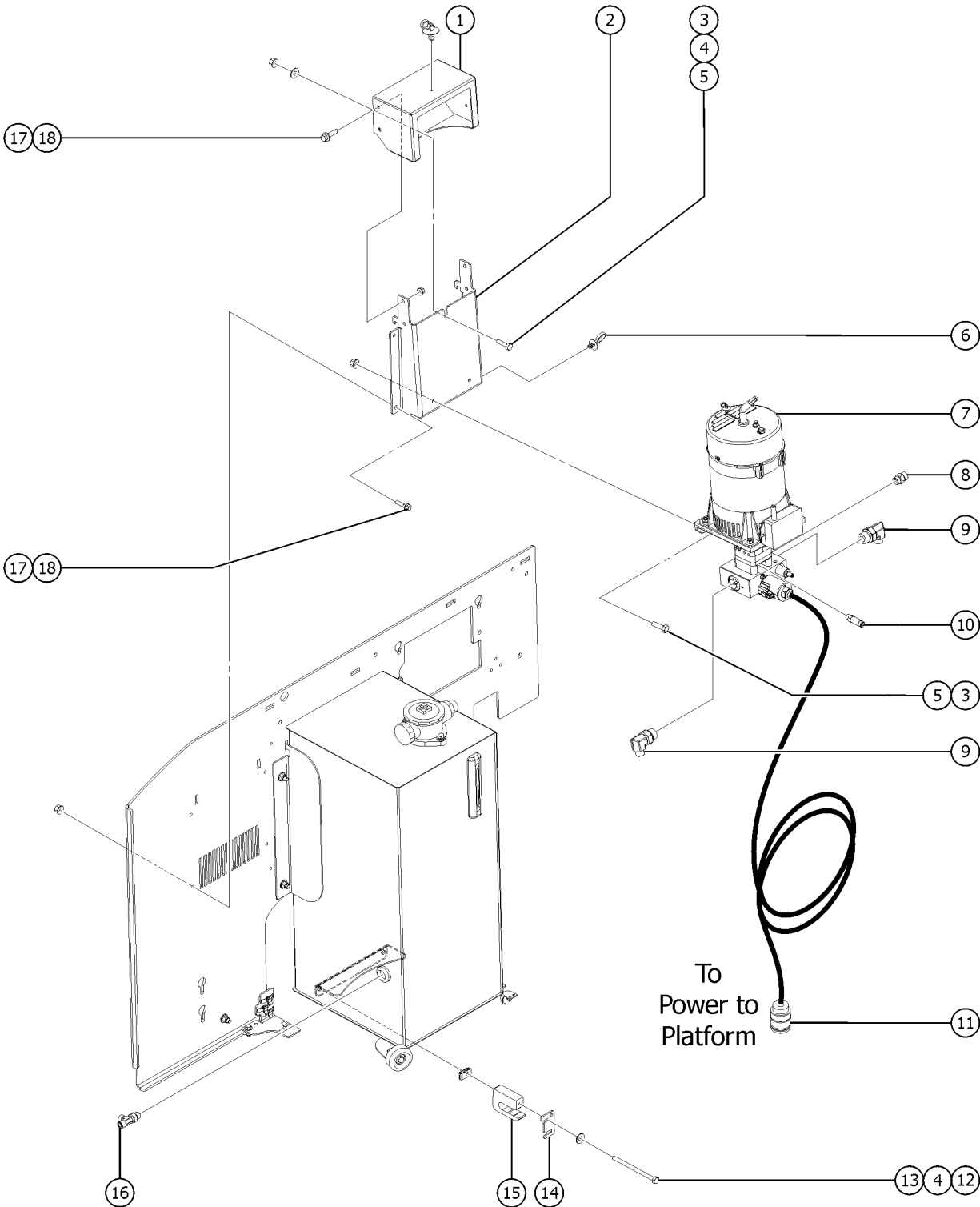
905.1 Hydraulic Generator



905.1 Hydraulic Generator

Item	Part No.	Description	Qty.
7B-	1255646GT	MANIFOLD ASSEMBLY, GEN 2.2KW for 147266	
7B-	1259443GT	12VDC PROPORTIONAL VALVE, PV70 for 147266	
7B-	147275GT	VALVE, RELIEF, GEN, 2.2kW for 147266	
7B-	147274GT	204 HYD MOTOR, GEN for 147266	
7B-	147231GT	SEAL KIT, HYD MOTOR, GEN for 147266	
7B-	147278GT	GENERATOR, 240VAC 50Hz 2200W for 147266	
7B-	147262GT	COVER, END, GENERATOR, 240V for 147266	
7B-	147242GT	SCREW, GEN ROTOR for 147266	
7C	147264GT	GENERATOR, 2kW, 120V/50Hz 1	
7C-	1269693GT	CONTROL BOX, 2KW, 120/240V, 50HZ for 147264	
7C-	147280GT	BREAKER, 20AMP CIRCUIT, GEN for 1269693	
7C-	1285230GT	CAPACITOR 12.5μF, GEN for 1269693	
7C-	119067GT	CONN, RECEP 4 WAY ENDCAP DT for 1269693	
7C-	64260GT	TERM, NI PIN, 16-18 BULK for 119067	
7C-	60443GT	LOCK, RECEP 4WAY, 14-18GA for 119067	
7C-	1255646GT	MANIFOLD ASSEMBLY, GEN 2.2KW for 147264	
7C-	1259443GT	12VDC PROPORTIONAL VALVE, PV70 for 1255646	
7C-	147275GT	VALVE, RELIEF, GEN, 2.2kW for 1255646	
7C-	147274GT	204 HYD MOTOR, GEN for 147264	
7C-	147231GT	SEAL KIT, HYD MOTOR, GEN for 147274	
7C-	147276GT	GENERATOR, 120VAC 50HZ 2200W for 147264	
7C-	147241GT	COVER, END, GEN, 120V for 147276	
7C-	147242GT	SCREW, GEN ROTOR for 147276	
8	48933GT	CONN, 520120-8*** 1	
9	48947GT	ELBOW, 90D, 520220-8-12 2	
10	49861GT	CONN, LONG, 520122-4 1	
11	119404GT	CONN, RECEP 120AC/15A DOMESTIC 1	
12	824065GT	SCREW, HHC, 1/4-20X4, 8, ZAG 2	

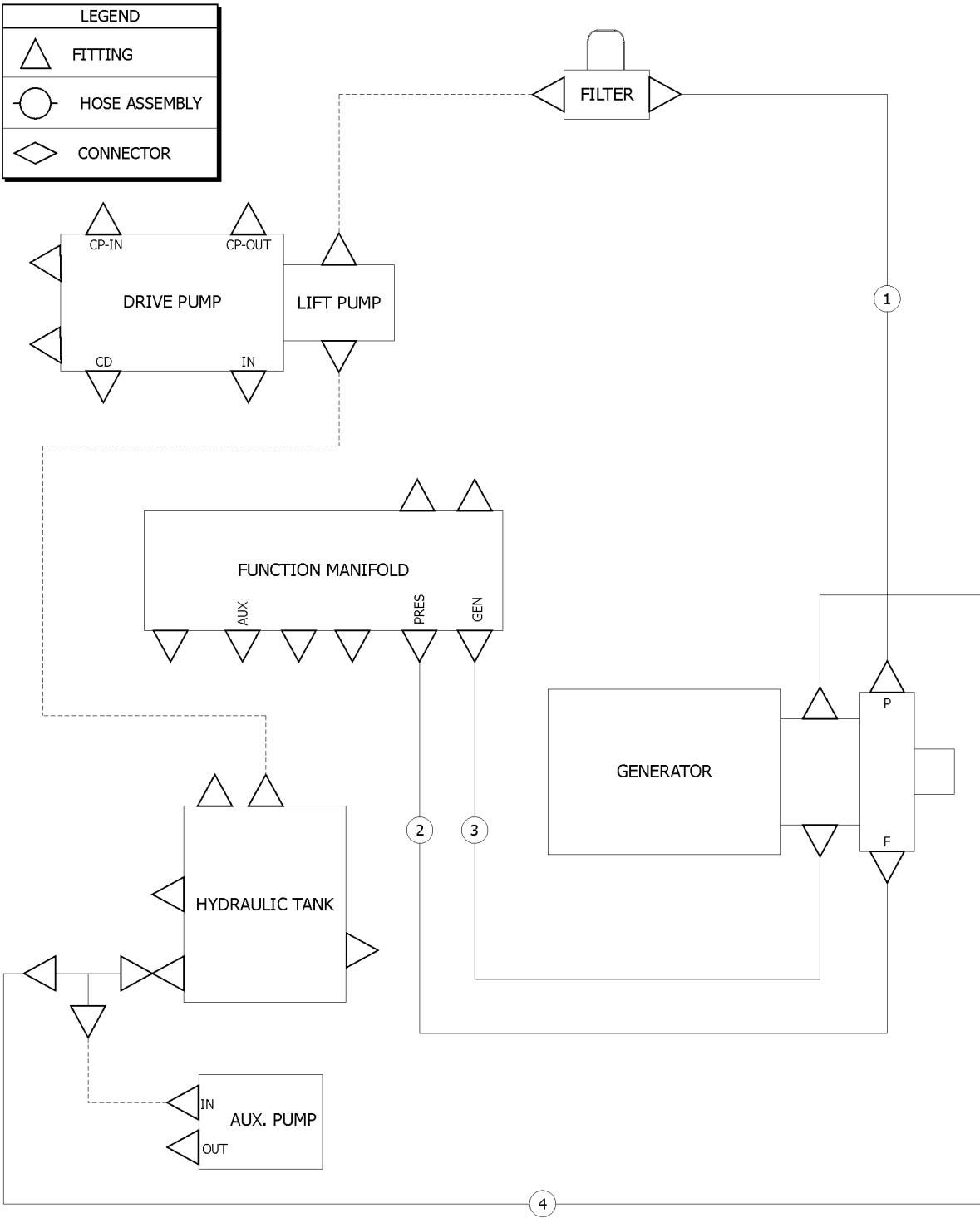
905.1 Hydraulic Generator



905.1 Hydraulic Generator

Item	Part No.	Description	Qty.
13	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	2
14	160356GT	PLATE,CLAMP,HYD HOSE	2
15	160355GT	CLAMP,PLASTIC,HYD HOSE	2
16	48935GT	TEE,RUN,520428-8	1
17	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	8
18	824027GT	NUT,TL FLG,1/4-20,G,ZAG	8

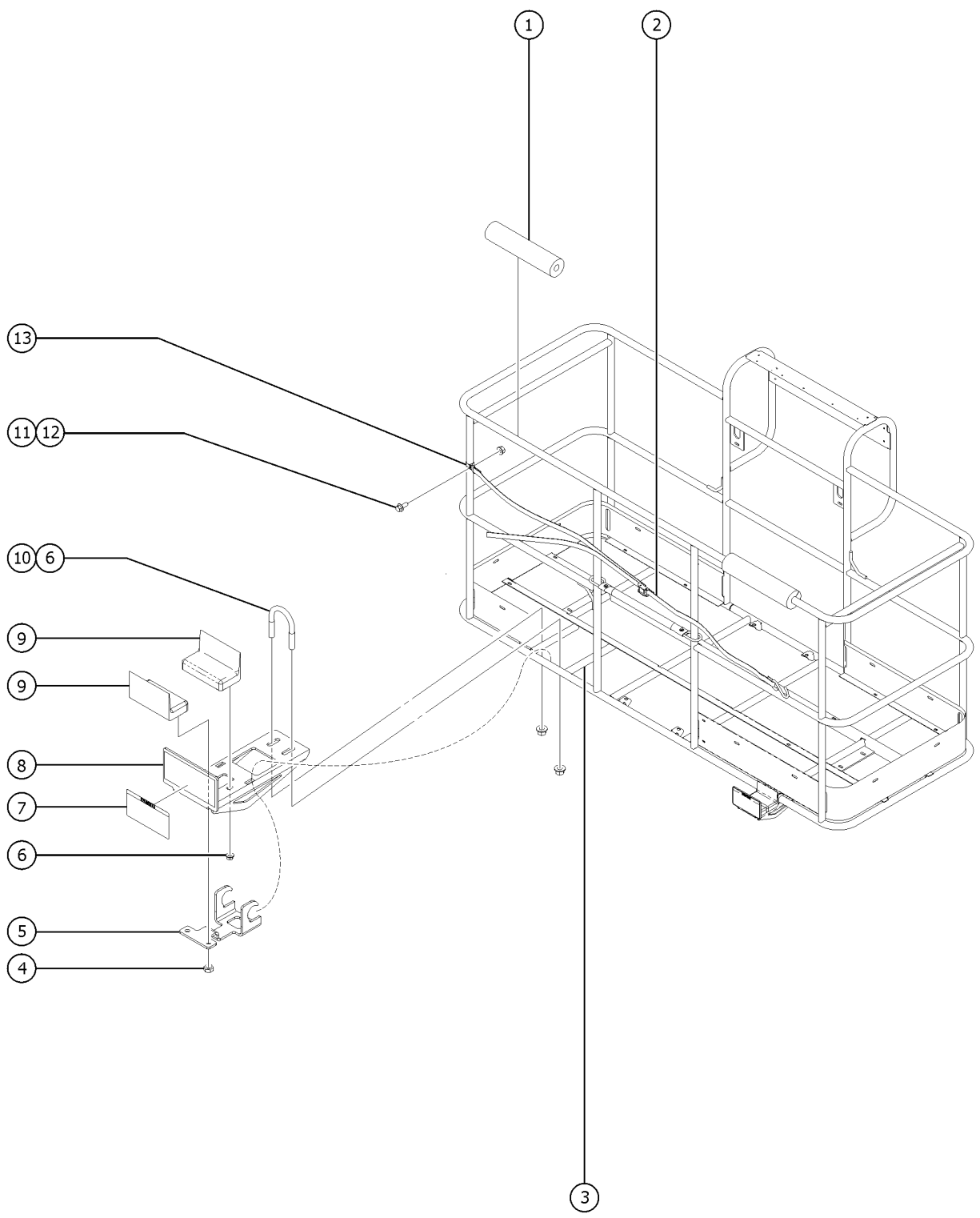
906.1 Hydraulic Hoses and Fittings - Generator Option



906.1 Hydraulic Hoses and Fittings - Generator Option

Item	Part No.	Description	Qty.
1	61143-8863GT	HOSE ASSY, 1/2, 45 FEM, STR FEM (components: 48822, 48826, 56777 @ 86 inches)	1
2	81812-6617GT	HOSE ASSY, 1/2" (components: 48822, 48822, 56777 @ 66 inches)	1
3	49143-6254GT	HOSE ASSY, 1/2, 90 FEM, STR FEM (components: 48822, 48827, 48756 @ 60 inches)	1
4	1290338-1594GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1

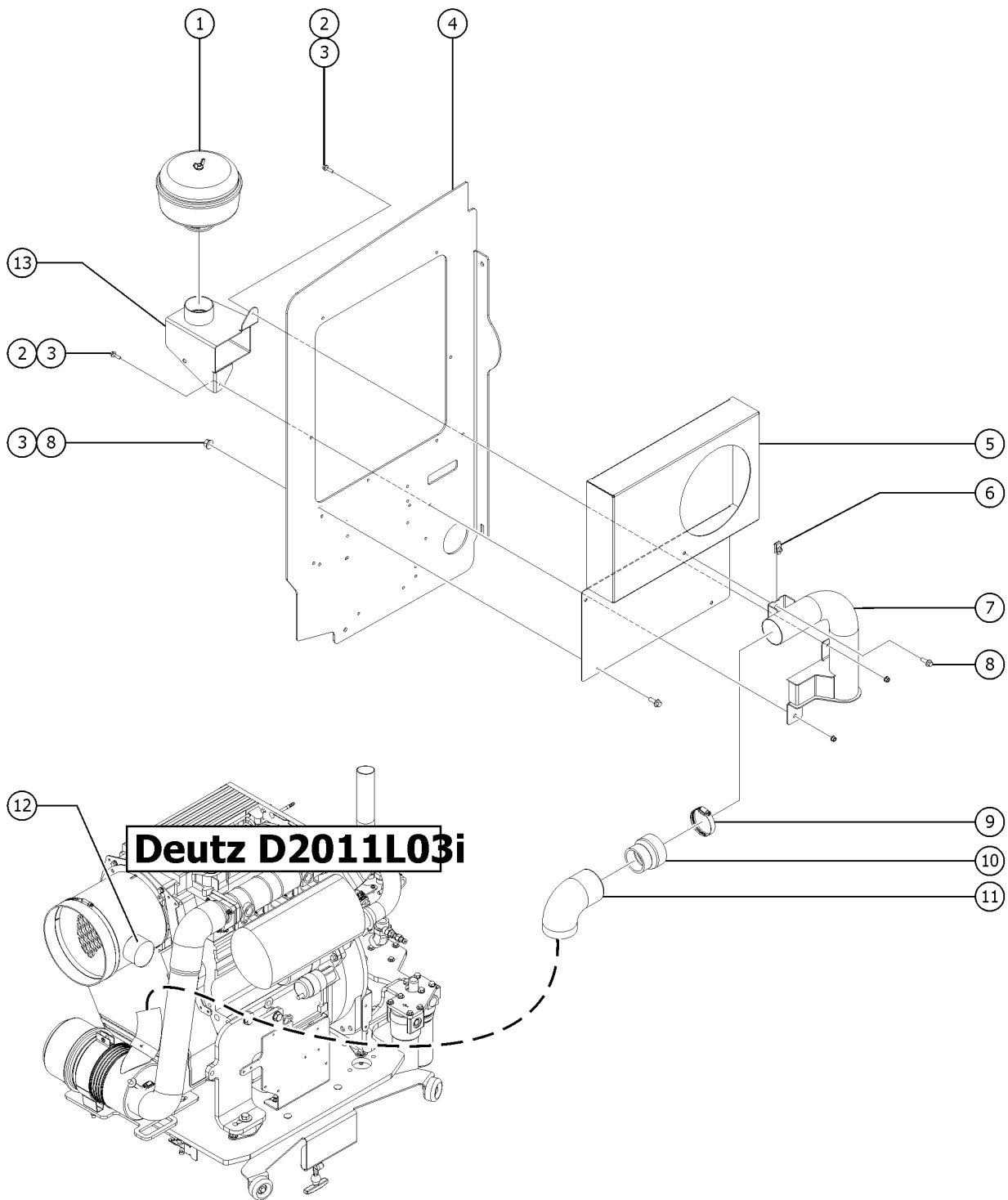
907.1 Panel Cradle Option



907.1 Panel Cradle Option

Item	Part No.	Description	Qty.
A-	77683GT	ACCESSORY,PANEL CRADLE,ANSI (ANSI/CSA models)	
B-	94493-SGT	KIT,PANEL CRADLE,CE (CE models)(not approved for use on AUS models)	
1	88377-1400GT	FOAM PAD***	2
2	77664GT	ADJUSTABLE STRAP ASSY	1
3	1274322GT	NUT,NYLOCK FLG,3/8-16,G,ZAG	8
4	5397GT	WASHER,FLAT,USS,5/16",Y for machines before 2010	
5	228849GT	FORMING,SECONDARY SUPPORT 77576P is no longer available. For machines before 2010, must install Qty 2 service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	2
6	228848GT	FORMING PANEL CRADLE 89724 is no longer available. For machines before 2010, must install Qty 2 service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	2
6-	233992GT	KIT,PANEL CRADLE BRACKET,WORD (ANSI models) (includes hook, panel support bracket and installation instructions)	1
6-	233993GT	KIT,PANEL CRADLE BRACKET,SYMBL (CE models) (includes hook, panel support bracket and installation instructions)	1
7	56934GT	PAD,REST,1"THICK,FLANGED	4
7A	824038GT	NUT,TL JAM,3/8-16,A,ZAG for 56934	4
8	1251600GT	U-BOLT, FLATTENED, 1.5 X 3/8	2
9	73463-1175GT	TUBE, RD, ALUM, 1.25 X .083 X 11.75	2
10	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	1
11	6638GT	WASHER,FLAT,USS,1/4"Y for machines before 2010	
12	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	1
13	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	1

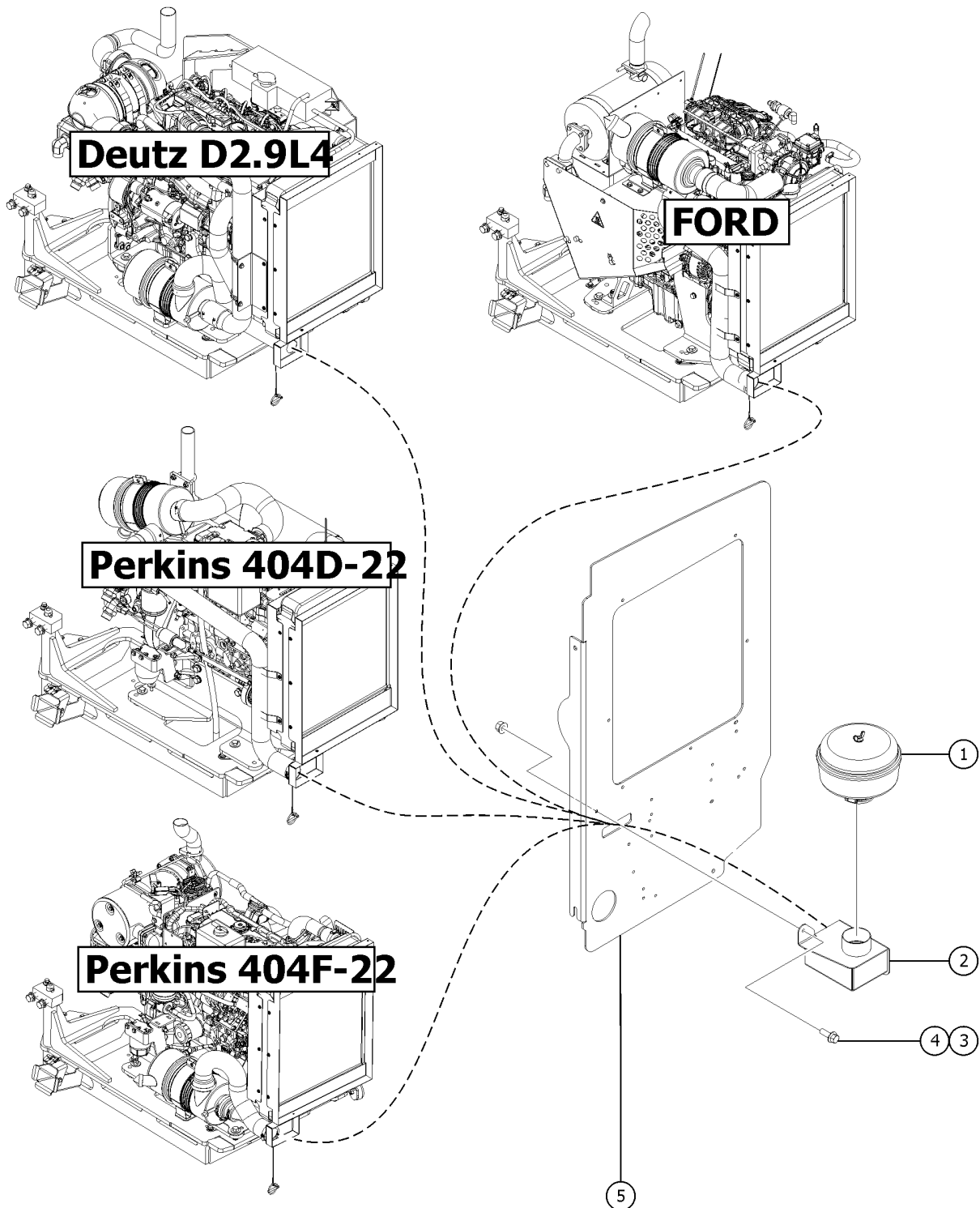
908.1 Hostile Environment Package - Engine Air Pre Cleaner (Deutz D2011L03i)



908.1 Hostile Environment Package - Engine Air Pre Cleaner (Deutz
D2011L 03i)
Qty.

Item	Part No.	Description	
A	161543GT	ASSEMBLY, PRECLEANER, DEUTZ	1
1	34959GT	PRECLEANER,AIR INTAKE***	1
2	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
3	824027GT	NUT,TL FLG,1/4-20,G,ZAG	6
4		REF. BULKHEAD, COOLING AIR	1
		refer to 309.1	
5		REF. FORMING, DEUTZ AIR INTAKE BAFFLE	1
		refer to 401.1	
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	1
7	161448GT	WELDMENT, AIR INTAKE, DEUTZ	1
8	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	5
9	45435GT	CLAMP,HOSE,2.50"	1
10	70488GT	REDUCER,RUBBER 2.5 - 2	1
11	34163GT	ELBOW,90 DEGR,RUBBER,MODIFIED*	1
12	70529GT	CAP,PLASTIC,2.5 ID	1
13	219841GT	WELDMENT, PRECLEANER MOUNT	1

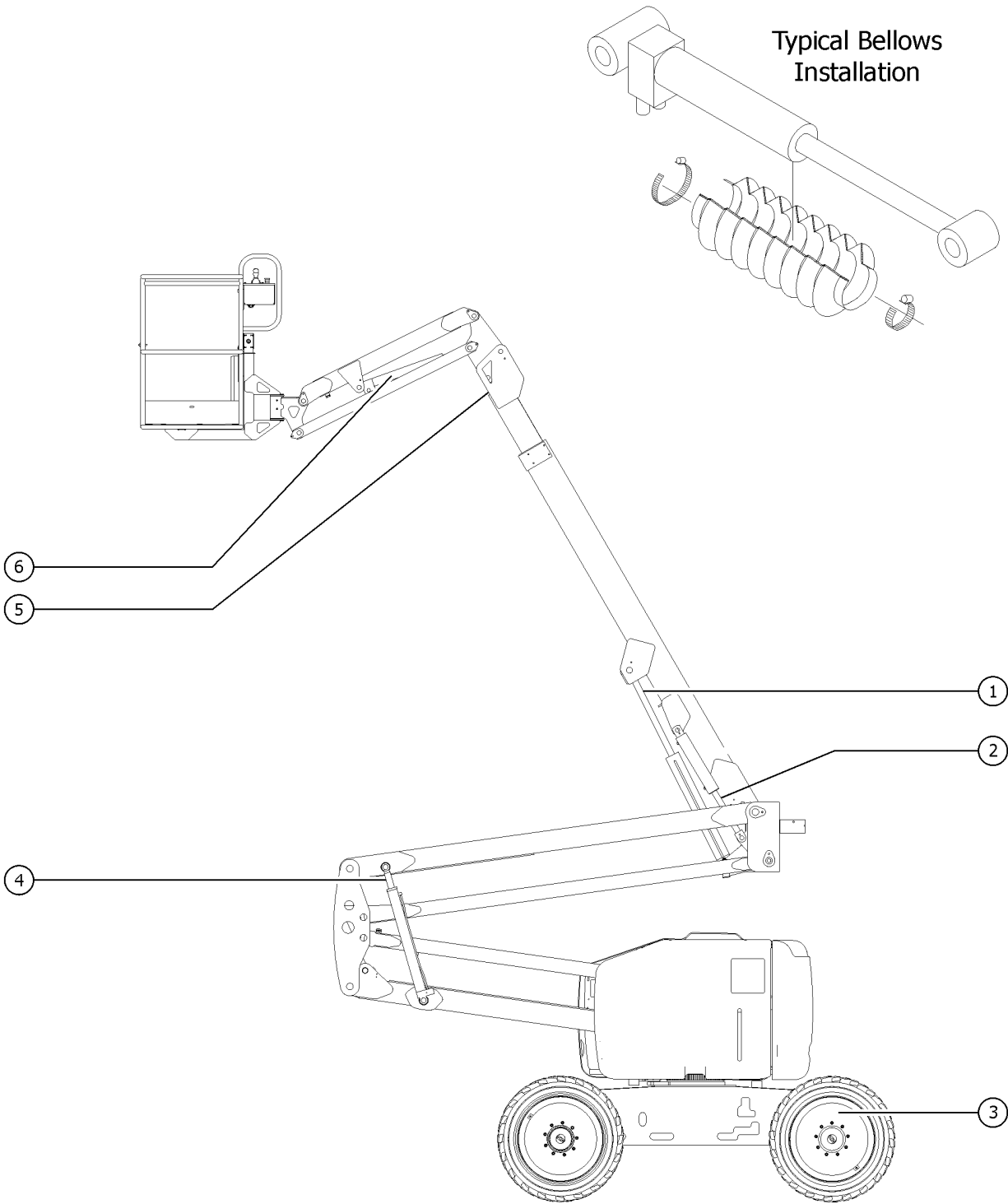
909.1 Hostile Environment Package - Engine Air Pre Cleaner (Ford, Perkins and Deutz D2 9L 4)



909.1 Hostile Environment Package - Engine Air Pre Cleaner (Ford, Perkins and Deutz D2 9L 4)

Item	Part No.	Description	Qty.
A	161088GT	ASSEMBLY, PRECLEANER, Z45	1
1	34959GT	PRECLEANER,AIR INTAKE***	1
2	219841GT	WELDMENT, PRECLEANER MOUNT	1
3	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
4	824027GT	NUT,TL FLG,1/4-20,G,ZAG	2
5		REF: BULKHEAD	1
		refer to 309.1	

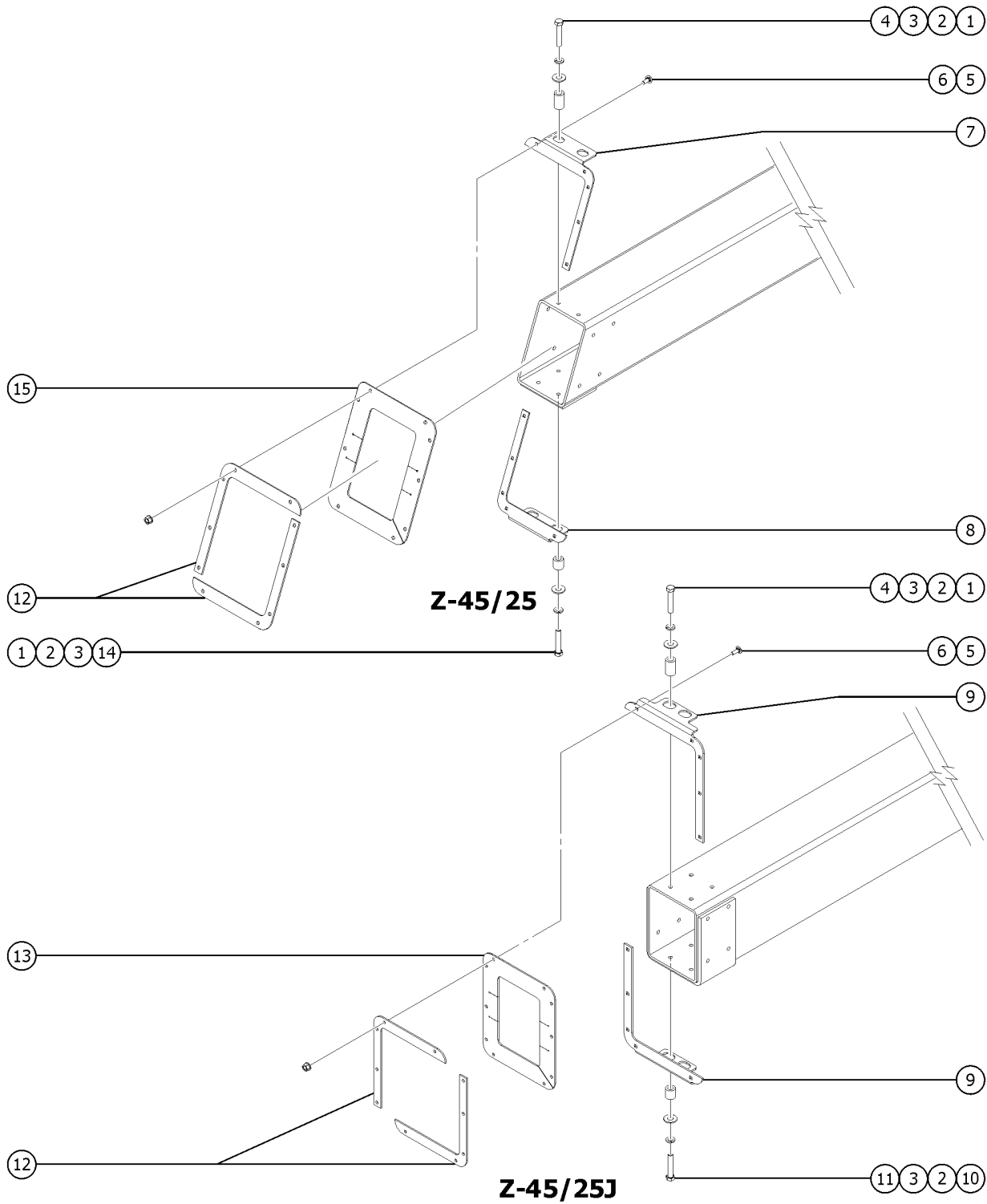
910.1 Hostile Environment Package - All Models View 1



910.1 Hostile Environment Package - All Models View 1

Item	Part No.	Description	Qty.
1A	54638GT	BELLOWS,PRIMARY CYLINDER,JIB	1
1A-	34955GT	CLAMP,HOSE,5.00	
1A-	45435GT	CLAMP,HOSE,2.50"	
1B	54637GT	BELLOWS,PRIMARY CYLINDER,N/JIB	1
1B-	34955GT	CLAMP,HOSE,5.00	
1B-	45435GT	CLAMP,HOSE,2.50"	
2	54640GT	BELLOWS,MASTER CYLINDER	1
2-	22672GT	CLAMP,HOSE,1.75	
2-	30489GT	CLAMP,HOSE,3.50	
3	73842GT	COVER,PROTECTIVE,STEER CYLINDR	2
3-	30971GT	CLAMP,HOSE,3.00"	
3-	36208GT	CLAMP,HOSE,1.25***	
4	54652GT	BELLOWS,SECONDARY,ELEVATE CYL.	2
4-	22672GT	CLAMP,HOSE,1.75	
4-	30489GT	CLAMP,HOSE,3.50	
5	54639GT	BELLOWS,SLAVE CYLINDER	1
5-	22672GT	CLAMP,HOSE,1.75	
5-	30971GT	CLAMP,HOSE,3.00"	
6	54635GT	BELLOWS,JIB CYLINDER	1
6-	45435GT	CLAMP,HOSE,2.50"	
6-	36208GT	CLAMP,HOSE,1.25***	

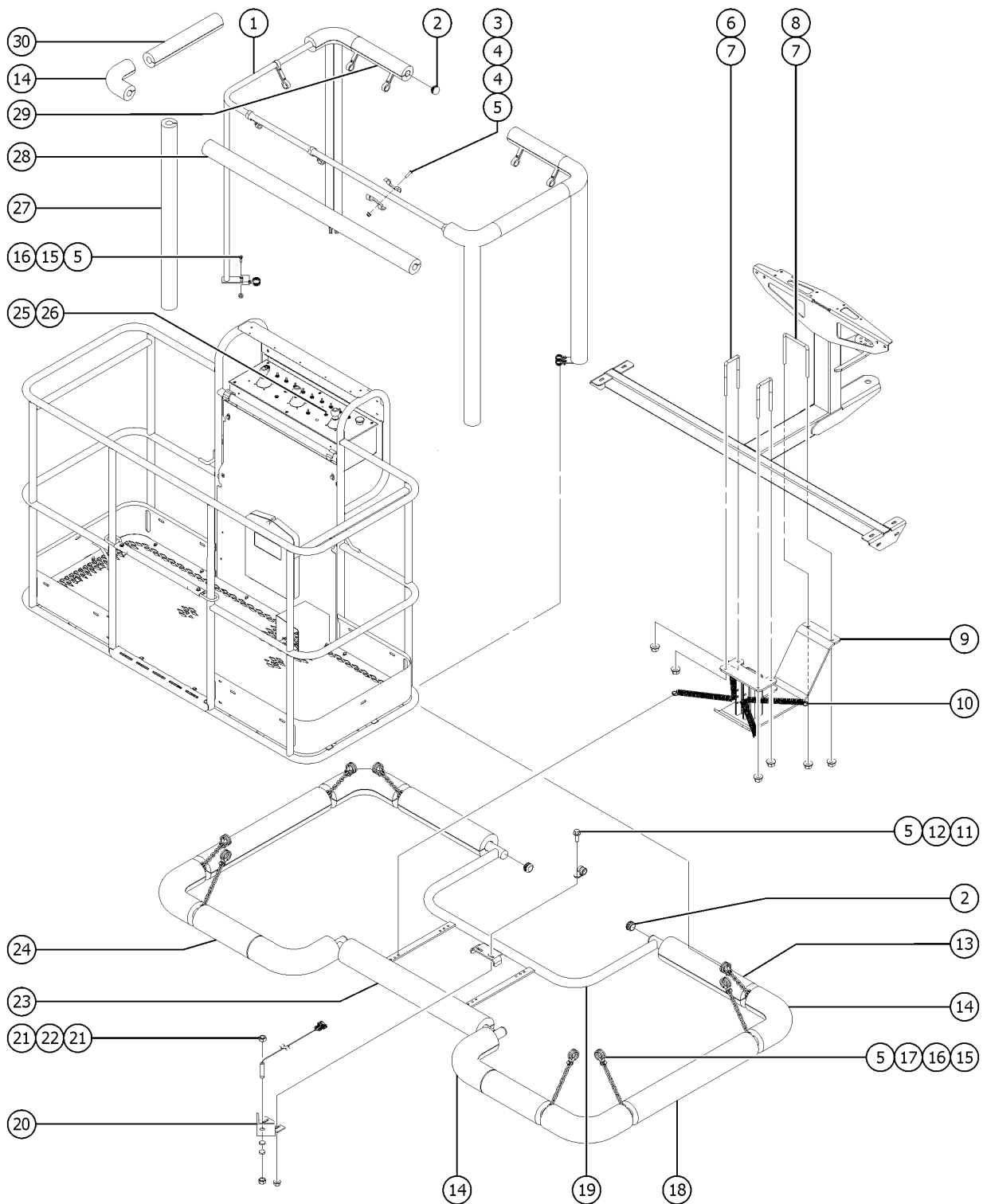
911.1 Hostile Environment Package - All Models View 2



911.1 Hostile Environment Package - All Models View 2

Item	Part No.	Description	Qty.
A	147183GT	KIT, WIPER, Z-45/25 includes items 1 - 8, 14 and 15	
B	147184GT	KIT, WIPER, Z-45/25J includes items 1 - 6, and 9-13	
1	1256108GT	SCREW,HHC,3/8-16X2,8,ZAG	
2	824110GT	WASHER,LOCK,3/8,ZAG	4
3	1255758GT	WASHER,FLAT,3/8,USS,ZAG	4
4	128852GT	TUBE,RD,STL,DOM,.75X.438X1.25	2
5	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	10
6	824027GT	NUT,TL FLG,1/4-20,G,ZAG	10
7	147042GT	FORMING WIPER MOUNT	1
8	147043GT	FORMING WIPER MOUNT	1
9	147041GT	FORMING WIPER MOUNT	2
10	1256847GT	SCREW,HHC,3/8-16X1.75,8,ZAG	2
11	45400GT	SPACER TUBE,.50 LG	2
12	128973GT	PLATE,WIPER BACKING	2
13	147181GT	WIPER,PRIMARY BOOM Jib Models	1
14	101932GT	TUBE,RD,STL,DOM,.75X.38X.78	2
15	147044GT	WIPER,PRIMARY BOOM 190Non Jib Models	1

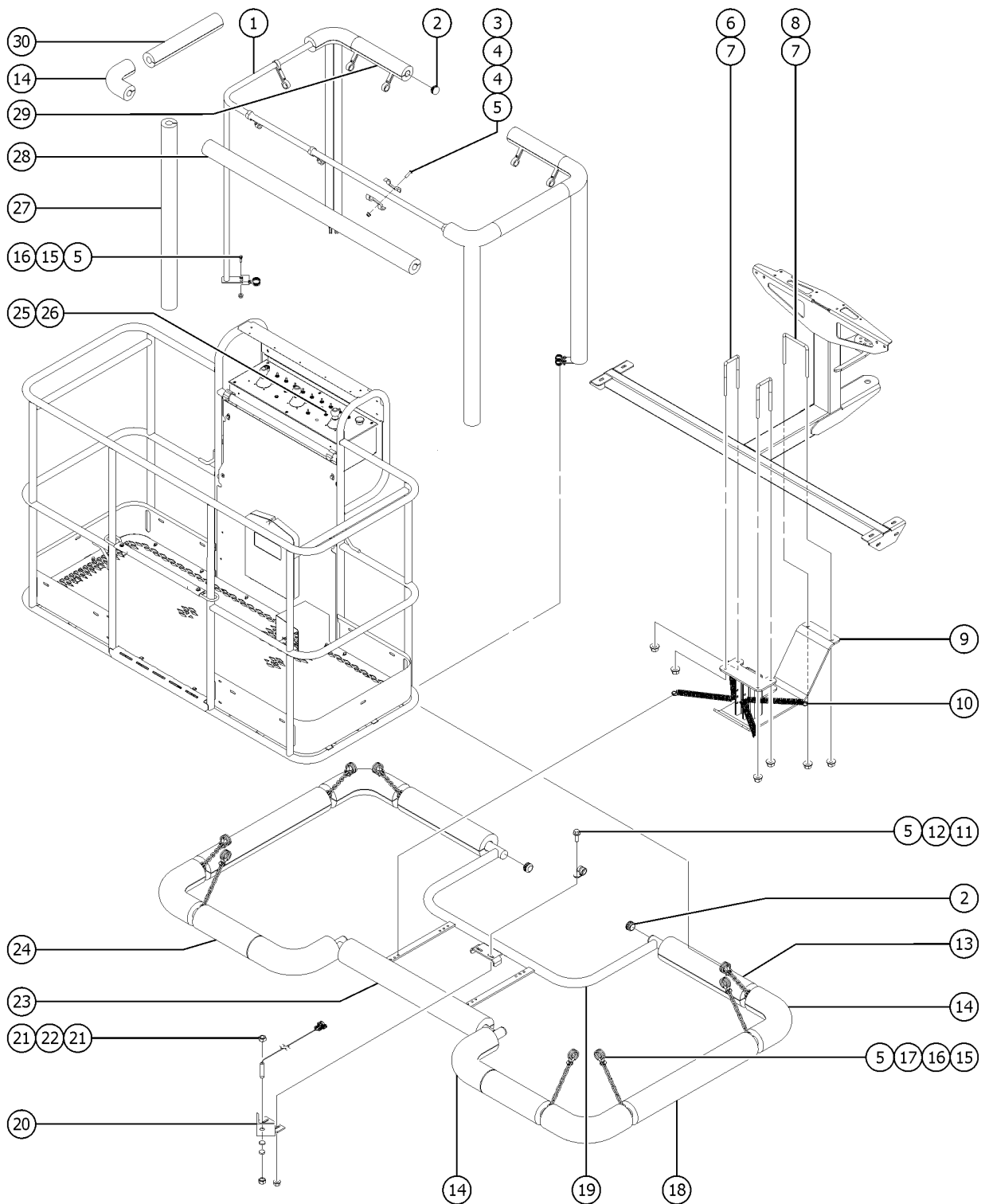
912.1 Aircraft Protection Package



912.1 Aircraft Protection Package

Item	Part No.	Description	Qty.
A	1262314GT	HARNESS, PBOX, PROX KILL includes items 21 and 22	1
1	46188GT	WELDMENT, AIRCRAFT TOP BUMPER 1	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D. 6	6
3	824227GT	SCREW,BHC,1/4-20X1,F835,ZAG 20	20
4	122073GT	SUPPORT, RAILING 20	20
5	824027GT	NUT,TL FLG,1/4-20,G,ZAG 46	46
6	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD 2	2
7	824029GT	NUT,TL FLG,3/8-16,G,ZAG 6	6
8	106044GT	U-BOLT,3/8-16X4X4.63X3.00 1	1
9	822764GT	WDMT,SKID PLATE 1	1
10	822769GT	SPRING,EXTENSION,1.92LB/IN 4	4
11	824079GT	SCREW,HHF,1/4-20X1,8,ZAG 2	2
12	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH 1	1
13	75617-1550GT	PADDING,FOAM 3.5"OD X 1.50"ID 2	2
14	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG 10	10
15	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH 24	24
16	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG 24	24
17	56426-700GT	CHAIN,NO.2 (11 LINKS) 8	8
18	75617-2275GT	PADDING,FOAM 3.5"OD X 1.50"ID 2	2
19	822759GT	WDMT,AIRCRAFT SENSOR BUMPER 1	1
20	77797GT	WELDMENT, SENSOR MOUNT 1	1
21	88390GT	NUT,HEX,M8,PLASTIC 2	2
22	1261292GT	HARNESS ASSY,PCON,PROX KILL includes 27391 proximity sensor	1
22-	27391GT	PROXIMITY SENSOR*** 1	1
23	822768GT	FOAM,AIRCRAFT PROTECTION 1	1
24	75617-1025GT	PADDING,FOAM 3.5"OD X 1.50"ID 2	2
25	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM includes item 26	1
25-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4 1	1

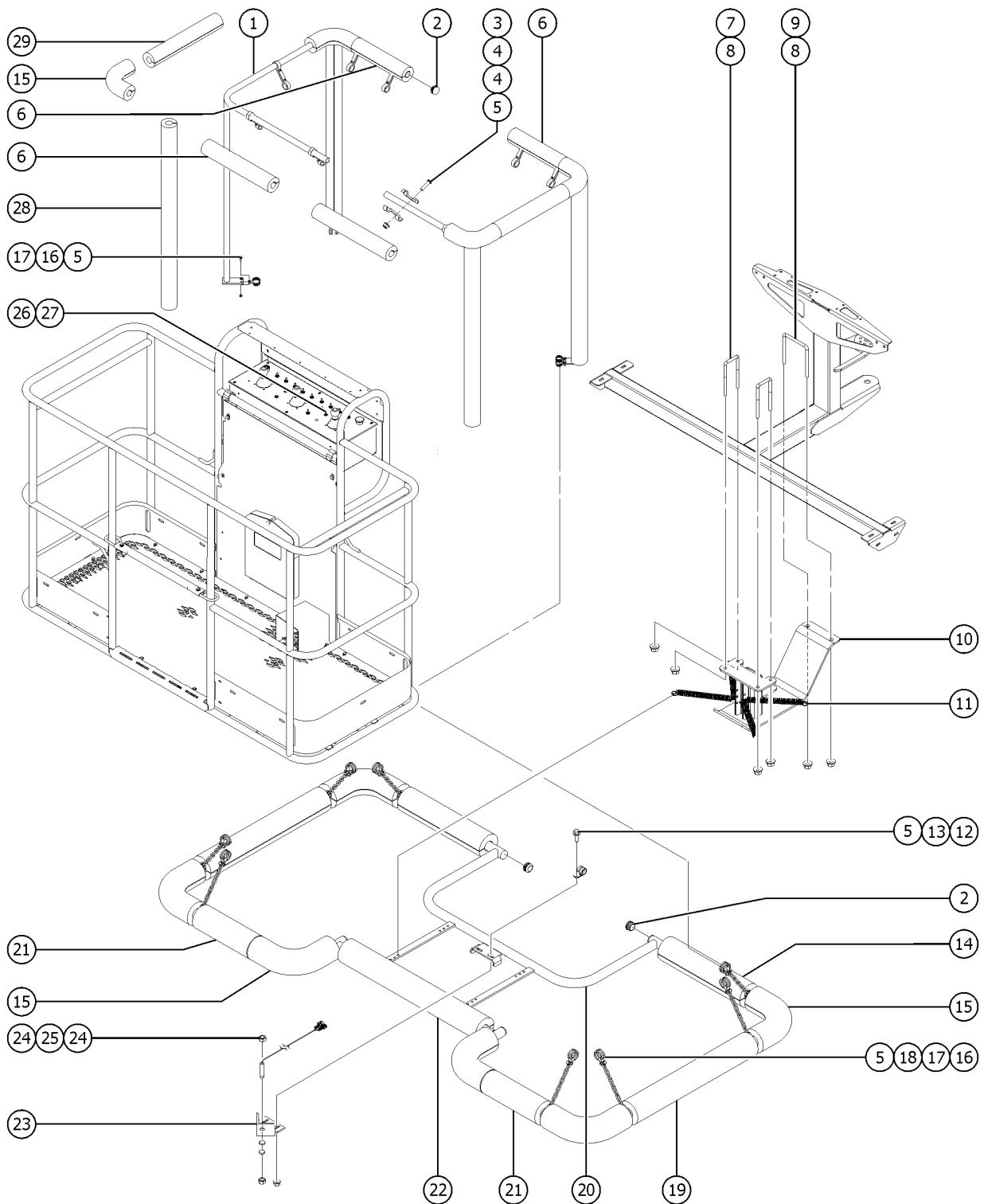
912.1 Aircraft Protection Package



912.1 Aircraft Protection Package

Item	Part No.	Description	Qty.
25-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
26	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
27	1259329GT	PADDING, FOAM, 46.5"	4
28	75617-6275GT	PADDING,FOAM 3.5"OD X 1.50"ID	1
29	1259328GT	PADDING, FOAM, 15.5"	2
30	75617-2075GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

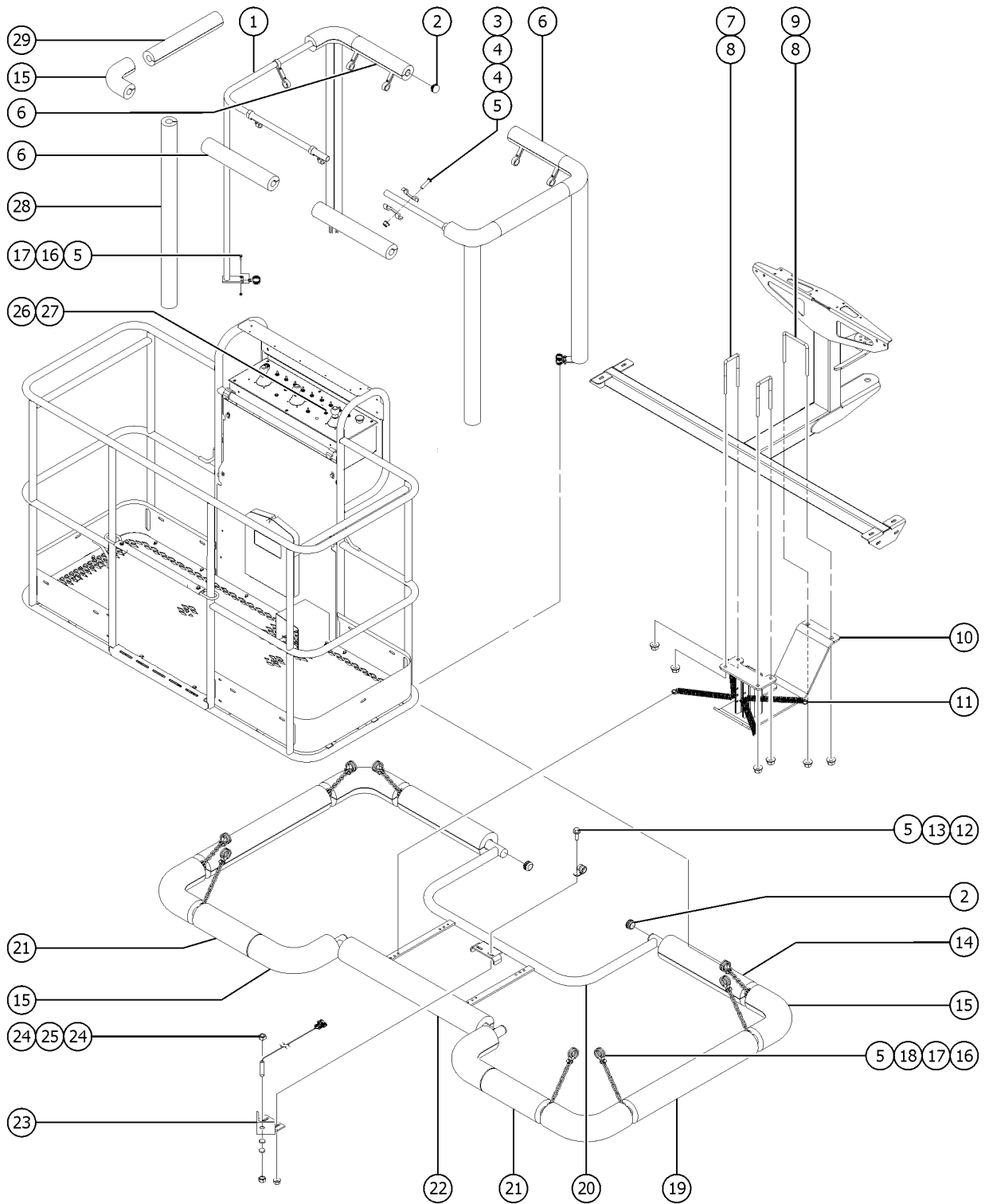
913.1 Aircraft Protection Package With Swing Gate



913.1 Aircraft Protection Package With Swing Gate

Item	Part No.	Description	Qty.
A	1262314GT	HARNESSE, PBOX, PROX KILL Includes Item 26 and 27	
1	822771GT	WDMT,FRAME,AIRCRAFT PROTECTION 1	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D. 8	8
3	824227GT	SCREW,BHC,1/4-20X1,F835,ZAG 20	20
4	122073GT	SUPPORT, RAILING 20	20
5	824027GT	NUT,TL FLG,1/4-20,G,ZAG 46	46
6	1259328GT	PADDING, FOAM, 15.5" 4	4
7	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD 2	2
8	824029GT	NUT,TL FLG,3/8-16,G,ZAG 6	6
9	106044GT	U-BOLT,3/8-16X4X4.63X3.00 1	1
10	822764GT	WDMT,SKID PLATE 1	1
11	822769GT	SPRING,EXTENSION,1.92LB/IN 4	4
12	824079GT	SCREW,HHF,1/4-20X1,8,ZAG 2	2
13	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH 1	1
14	75617-1550GT	PADDING,FOAM 3.5"OD X 1.50"ID 2	2
15	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG 10	10
16	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH 24	24
17	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG 24	24
18	56426-700GT	CHAIN,NO.2 (11 LINKS) 8	8
19	75617-2275GT	PADDING,FOAM 3.5"OD X 1.50"ID 2	2
20	822759GT	WDMT,AIRCRAFT SENSOR BUMPER 1	1
21	75617-1025GT	PADDING,FOAM 3.5"OD X 1.50"ID 2	2
22	822768GT	FOAM,AIRCRAFT PROTECTION 1	1
23	77797GT	WELDMENT, SENSOR MOUNT 1	1
24	88390GT	NUT,HEX,M8,PLASTIC 2	2
25	1261292GT	HARNESSE ASSY,PCON,PROX KILL 1 Includes 27391 Proximity Sensor	1
25-	27391GT	PROXIMITY SENSOR*** 1	1
26	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM 1 Includes Item 27	1

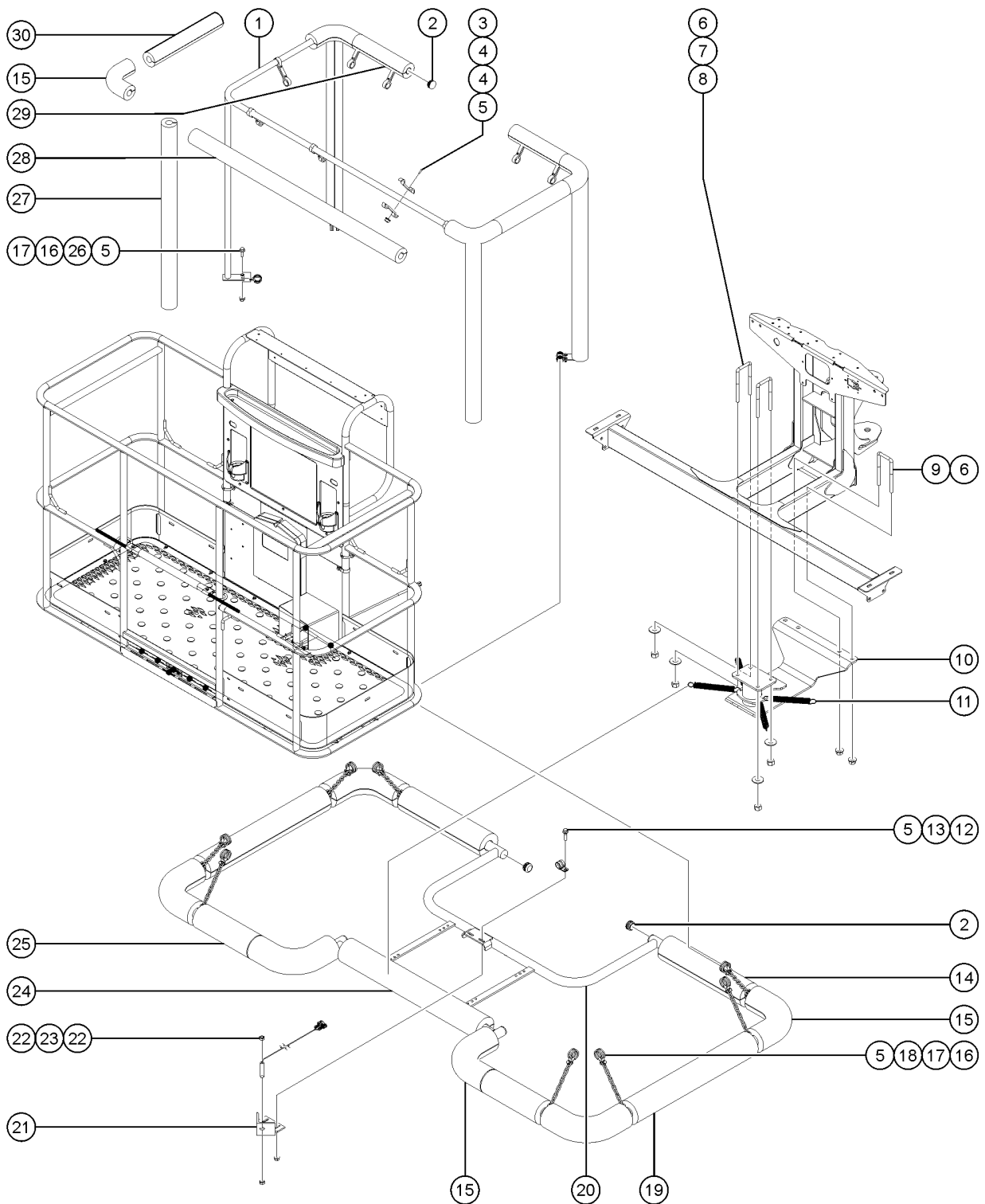
913.1 Aircraft Protection Package With Swing Gate



913.1 Aircraft Protection Package With Swing Gate

Item	Part No.	Description	Qty.
26-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
26-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
27	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
28	1259329GT	PADDING, FOAM, 46.5"	4
29	75617-2075GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

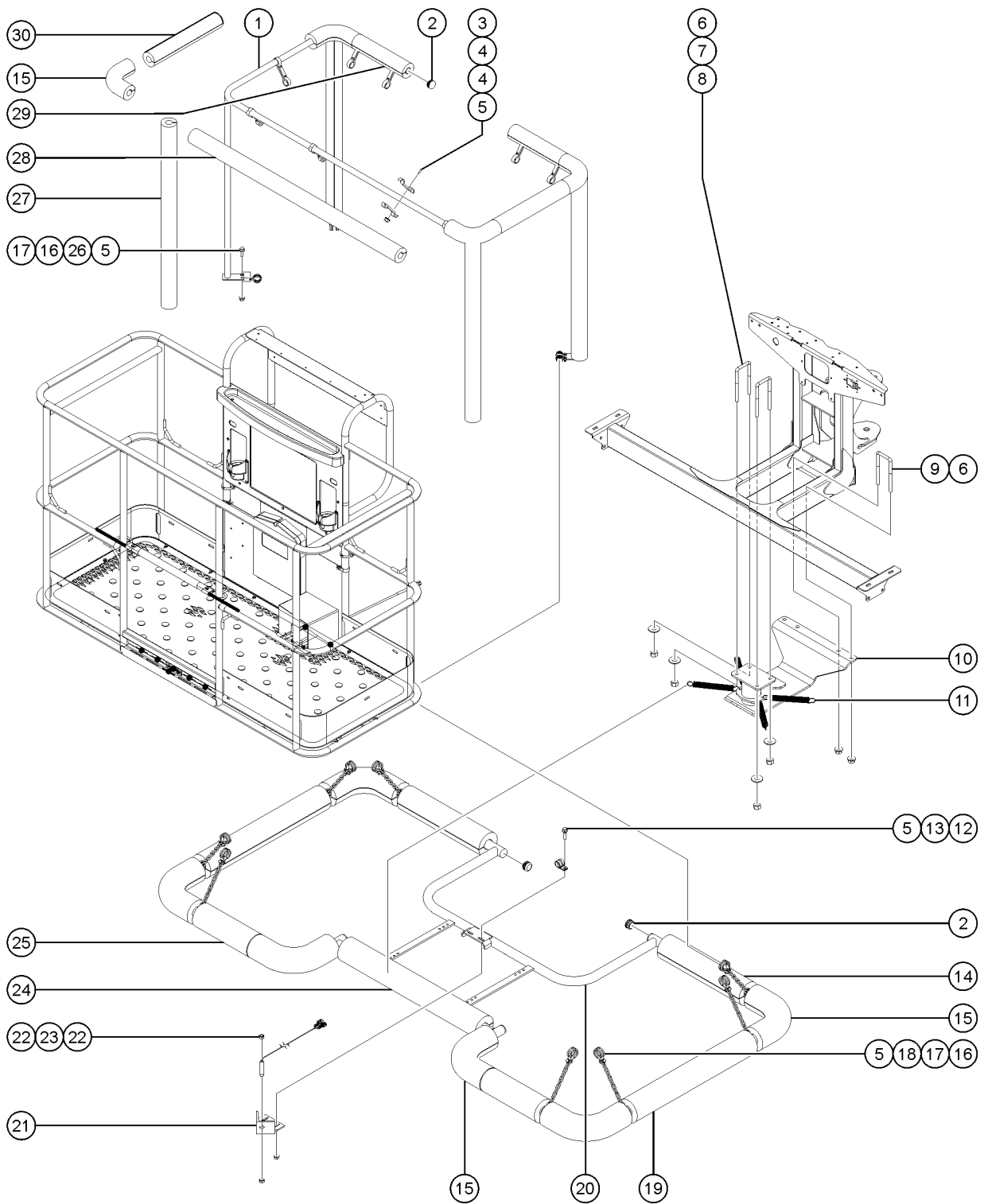
913.2 Aircraft Protection Package



913.2 Aircraft Protection Package

Item	Part No.	Description	Qty.
A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
1	46188GT	WELDMENT, AIRCRAFT TOP BUMPER	1
		(Includes item 26)	
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	6
3	824227GT	SCREW,BHC,1/4-20X1,F835,ZAG	20
4	122073GT	SUPPORT, RAILING	20
5	824027GT	NUT,TL FLG,1/4-20,G,ZAG	46
6	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD	4
7	1255758GT	WASHER,FLAT,3/8,USS,ZAG	4
8	824038GT	NUT,TL JAM,3/8-16,A,ZAG	4
9	824029GT	NUT,TL FLG,3/8-16,G,ZAG	4
10	1274645GT	WELDMENT, SKID PLATE	1
11	822769GT	SPRING,EXTENSION,1.92LB/IN	4
12	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
13	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
14	75617-1550GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
15	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG	10
16	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	24
17	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	24
18	56426-700GT	CHAIN,NO.2 (11 LINKS)	8
19	75617-2275GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
20	822759GT	WDMT,AIRCRAFT SENSOR BUMPER	1
21	77797GT	WELDMENT, SENSOR MOUNT	1
22	88390GT	NUT,HEX,M8,PLASTIC	2
23	128504GT	ASSY, ARCFT SENSOR, DEUTSCH	1
23-	27391GT	PROXIMITY SENSOR***	
23-	29261GT	MAGNET,NEODYMIUM,.375 X .100	
24	822768GT	FOAM,AIRCRAFT PROTECTION	1
25	75617-1025GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

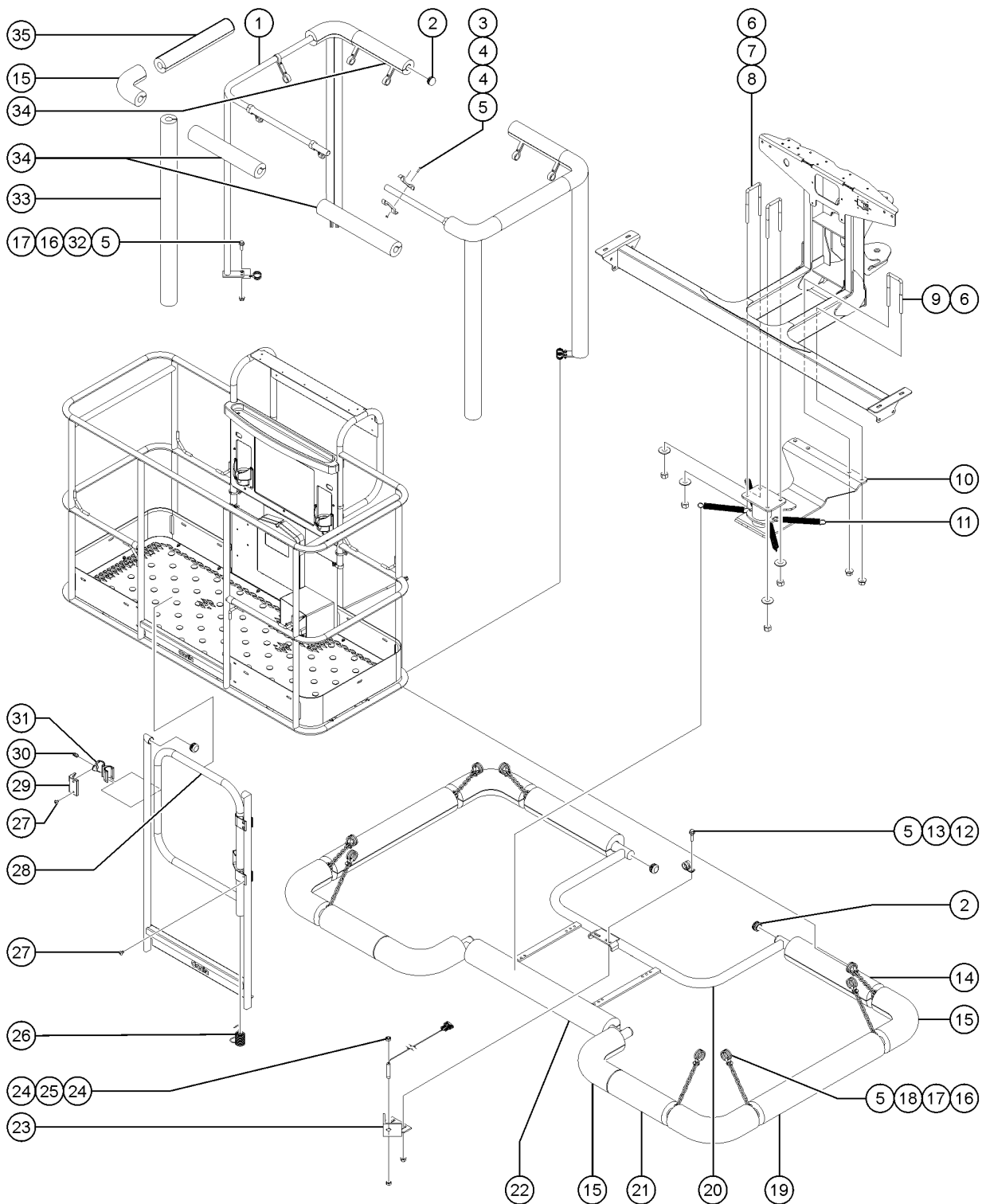
913.2 Aircraft Protection Package



913.2 Aircraft Protection Package

Item	Part No.	Description	Qty.
26	81802GT	PLATE, AIRCRAFT PROTECTION OPT	4
27	1259329GT	PADDING, FOAM, 46.5"	4
28	75617-6275GT	PADDING,FOAM 3.5"OD X 1.50"ID	1
29	1278629GT	PADDING,FOAM, 10.0"	2
30	75617-2075GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

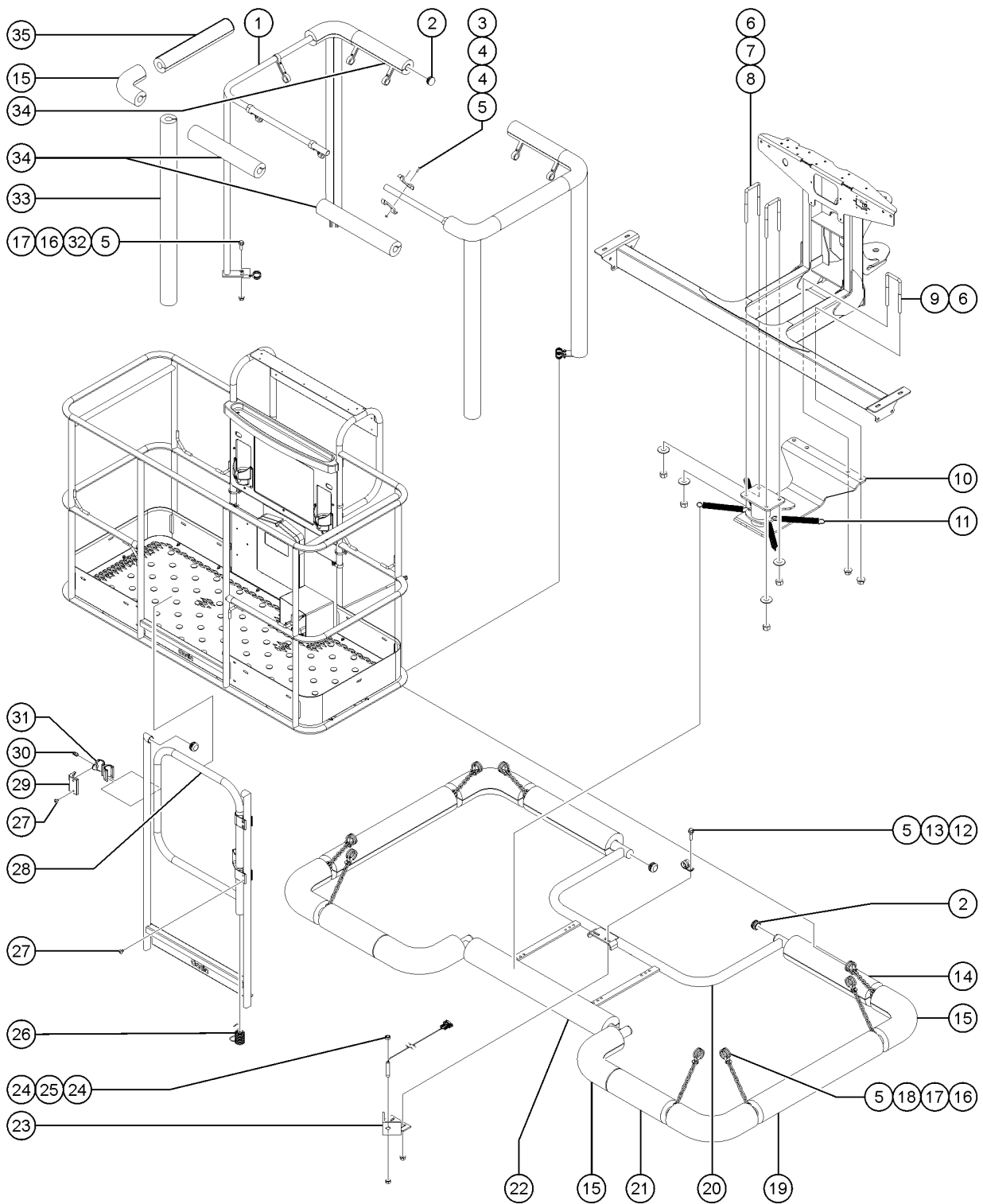
913.3 Aircraft Protection Package with Swing Gate



913.3 Aircraft Protection Package with Swing Gate

Item	Part No.	Description	Qty.
A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
1	822771GT	WDMT,FRAME,AIRCRAFT PROTECTION (Includes item 32)	2
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	11
3	824227GT	SCREW,BHC,1/4-20X1,F835,ZAG	20
4	122073GT	SUPPORT, RAILING	20
5	824027GT	NUT,TL FLG,1/4-20,G,ZAG	46
6	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD	4
7	1255758GT	WASHER,FLAT,3/8,USS,ZAG	4
8	824038GT	NUT,TL JAM,3/8-16,A,ZAG	4
9	824029GT	NUT,TL FLG,3/8-16,G,ZAG	4
10	1274645GT	WELDMENT, SKID PLATE	1
11	822769GT	SPRING,EXTENSION,1.92LB/IN	4
12	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
13	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
14	75617-1550GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
15	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG	10
16	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	24
17	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	24
18	56426-700GT	CHAIN,NO.2 (11 LINKS)	8
19	75617-2275GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
20	822759GT	WDMT,AIRCRAFT SENSOR BUMPER	1
21	75617-1025GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
22	822768GT	FOAM,AIRCRAFT PROTECTION	1
23	77797GT	WELDMENT, SENSOR MOUNT	1
24	88390GT	NUT,HEX,M8,PLASTIC	2
25	128504GT	ASSY, ARCFT SENSOR, DEUTSCH	1
25-	27391GT	PROXIMITY SENSOR***	
25-	29261GT	MAGNET,NEODYMIUM,.375 X .100	

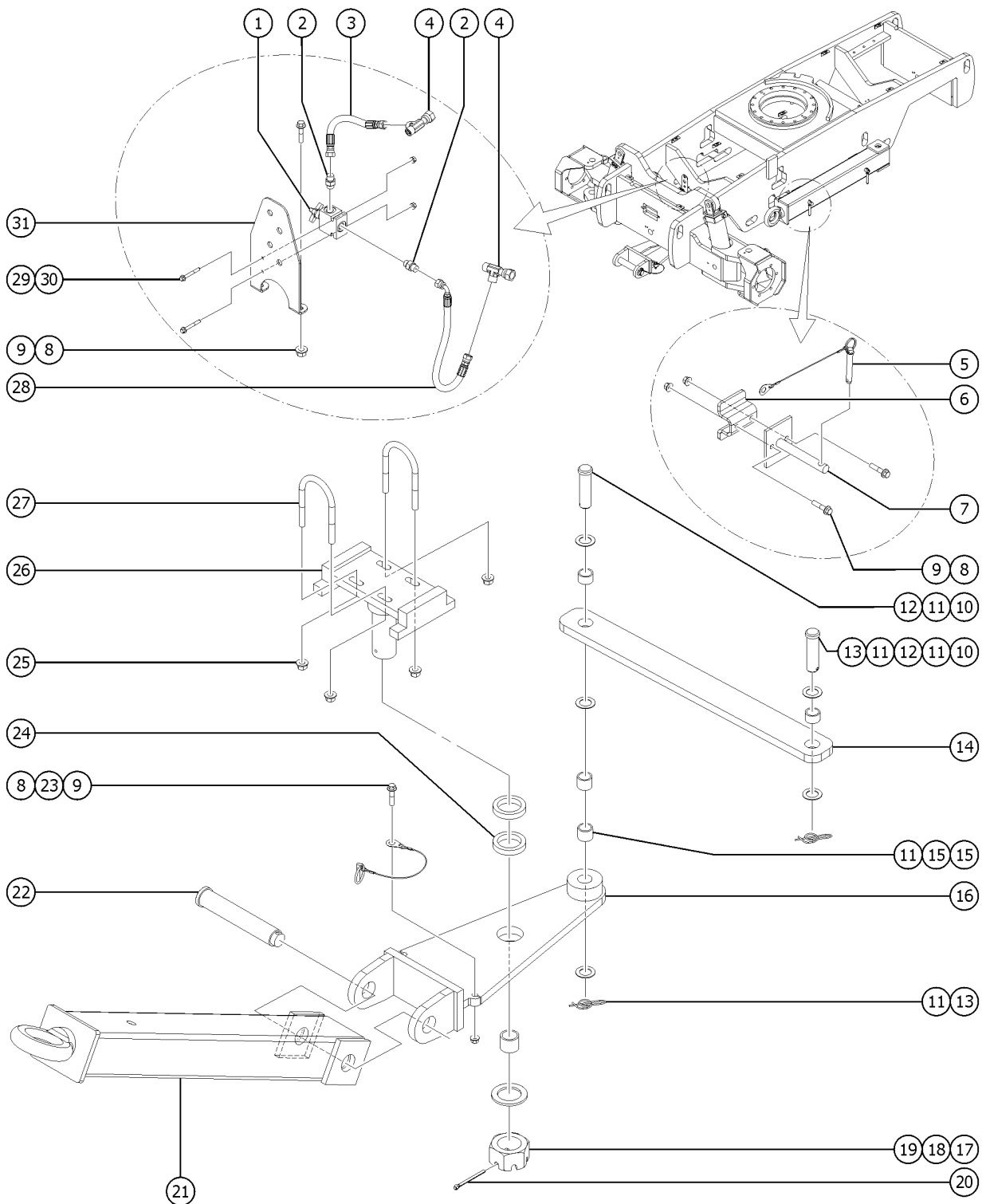
913.3 Aircraft Protection Package with Swing Gate



913.3 Aircraft Protection Package with Swing Gate

Item	Part No.	Description	Qty.
26	42104GT	SPRING,SHORT PLATFORM GATE	1
27	824207GT	RIVET,STL,STL,DOME,1/4X.375,Z	
28	1283880GT	WELDMENT,ALUM HALF GATE	1
28-	43392GT	BUMPER,BATTERY BOX & RAILS	
29	1488GT	RAILING CATCH CASTING--DRILLED	1
30	33674GT	PIN,LOCK,SHORT***	1
31	1487GT	GATE LATCH CASTING--DRILLED	1
32	81802GT	PLATE, AIRCRAFT PROTECTION OPT	4
33	1259329GT	PADDING, FOAM, 46.5"	4
34	1278629GT	PADDING,FOAM, 10.0"	4
35	75617-2075GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

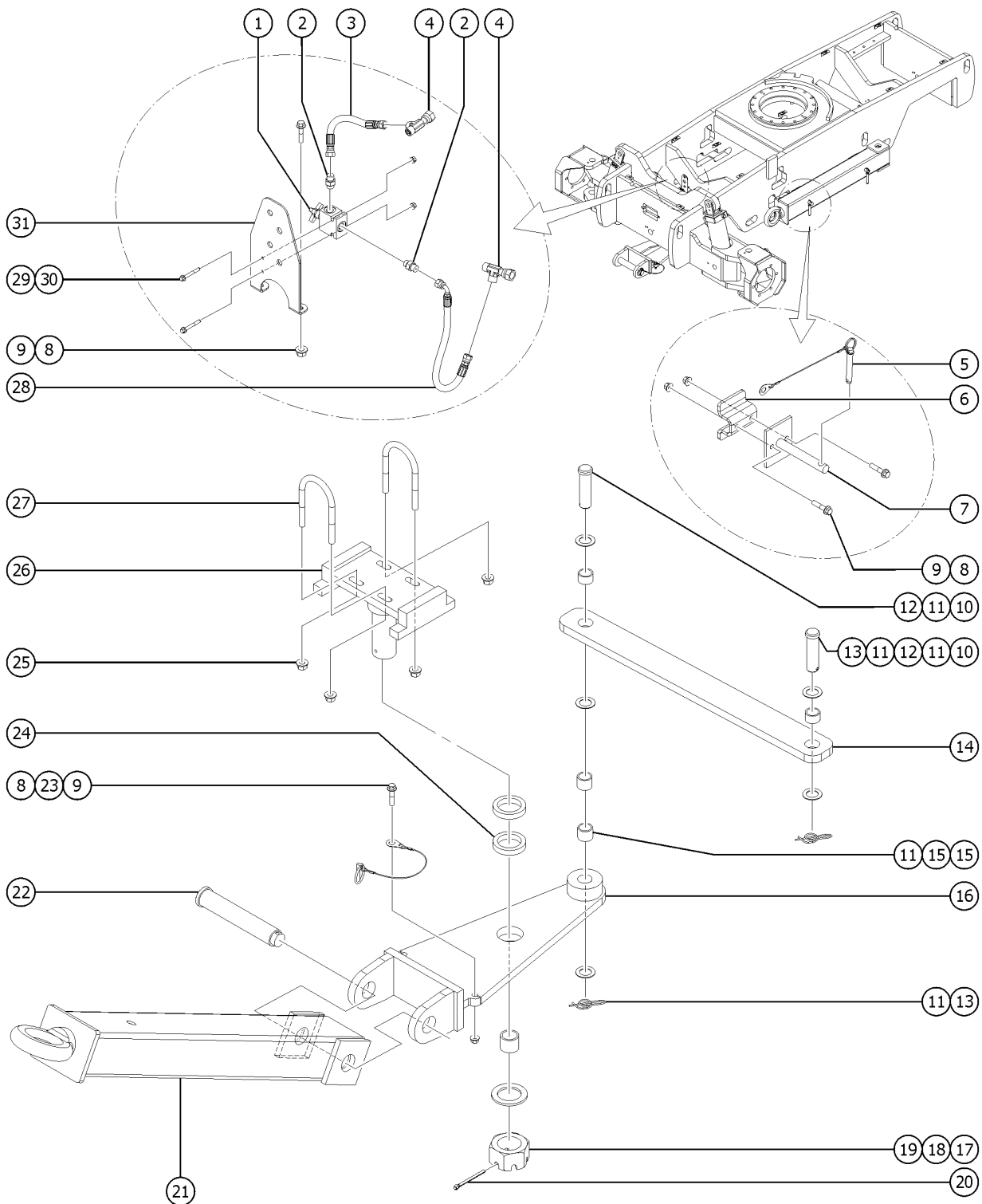
914.1 Tow Package



914.1 Tow Package

Item	Part No.	Description	Qty.
1	25282GT	VALVE,NEEDLE,BRAKE RELEASE	1
2	48912GT	CONN,520120-4-6***	2
3	49118-800GT	ASSY, HOSE, HYD, -4, 3250, STR, 90	1
4	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	2
5	54145GT	RETAINING PIN,ASSY	2
6	60139PGT	FORMING,LP BRACKET MOUNT,PAINT	2
7	54787GT	WELDMENT,TOW STORAGE BRKT,Z45	2
8	824093GT	SCREW,HHF,3/8-16X1.75,8,ZAG	6
9	824029GT	NUT,TL FLG,3/8-16,G,ZAG	7
10	1268375GT	PIN,CLEVIS,1X3.5,ZAG	2
11	1256119GT	WASHER,SHIM,1.01X1.63X.062,ZAG	5
12	51474GT	BEARING,1.00IDX1.25ODX0.75L	2
13	824129GT	RUE RING,1.0,ZAG	2
14	160526GT	MACH.,STEER LINK,TOW PKG,WIDE	1
15	25817GT	BEARING,1.00IDX1.25ODX1.00L	2
16	70638GT	MACHINING,TOW HITCH***	1
17	54789GT	NUT,SLOTTED,2-4-1/2 UNC	1
18	36937GT	WASHER,THRUST,2.0 X 3.0 X .188	1
19	18720GT	BEARING,2.0IDX2.25ODX1.50L	1
20	77087GT	PIN,COTTER,.25 X 3.0	1
21	54786GT	WELDMENT,HITCH TONGUE,Z45	1
22	106339GT	PIN,TOW HITCH,1.5DIAX8.25"GRIP	1
23	54432GT	LANYARD,LYNCH PIN ASSY	1
24	54757GT	BEARING,UHMW,2.75"DIAX.50"LG	2
25	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	4
26	70632GT	WELDMENT,STEER AXLE TOW CRADLE	1
27	160534GT	U-BOLT,1/2-13 X 2.75 X 6.75, Z	2
28	49163-1100GT	ASSY, HOSE, HYD, -4, 3250, STR, 90	1

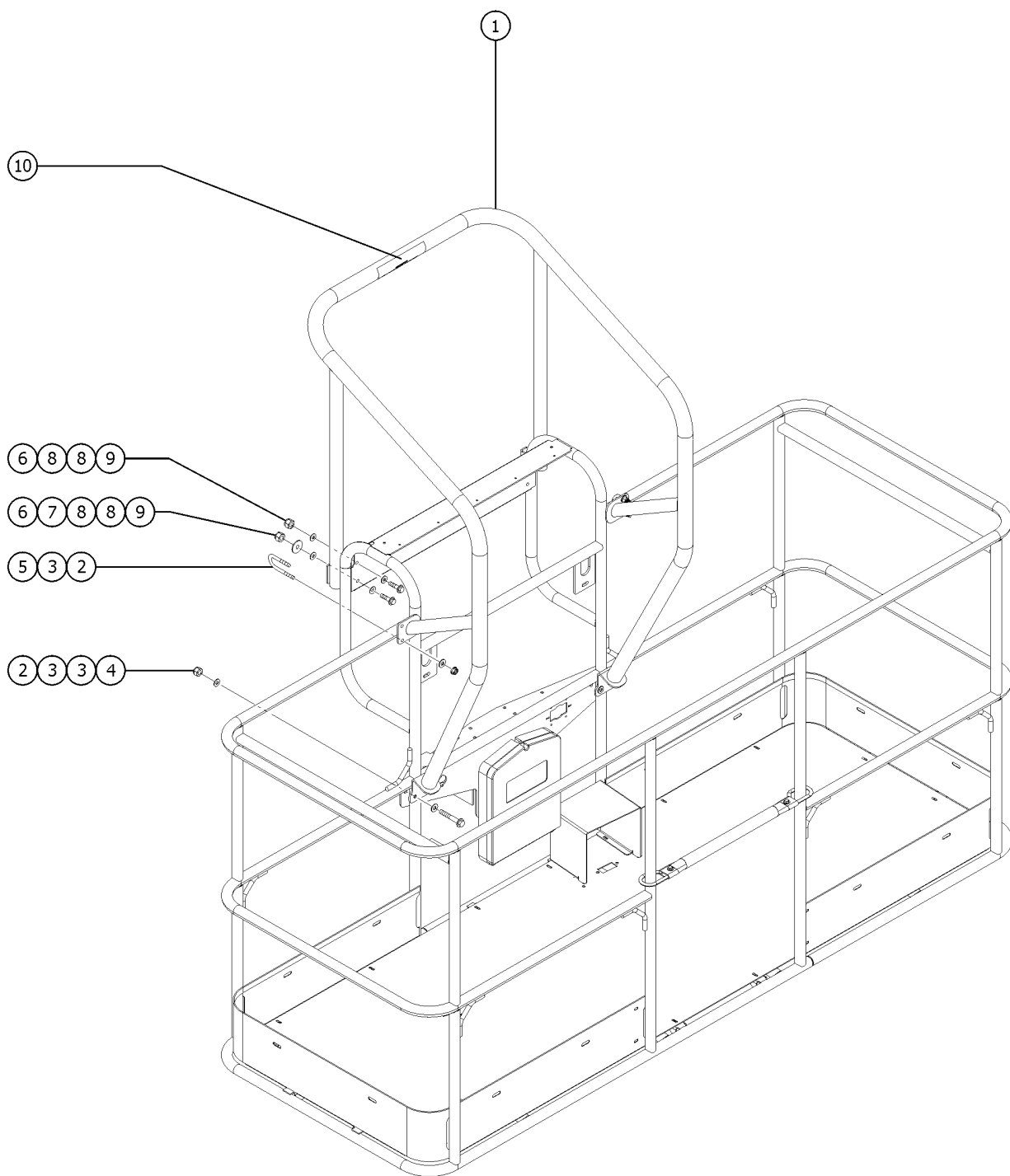
914.1 Tow Package



914.1 Tow Package

Item	Part No.	Description	Qty.
29	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	2
30	824027GT	NUT,TL FLG,1/4-20,G,ZAG	2
31	215333GT	FORMING, FRONT AXLE BRK	1

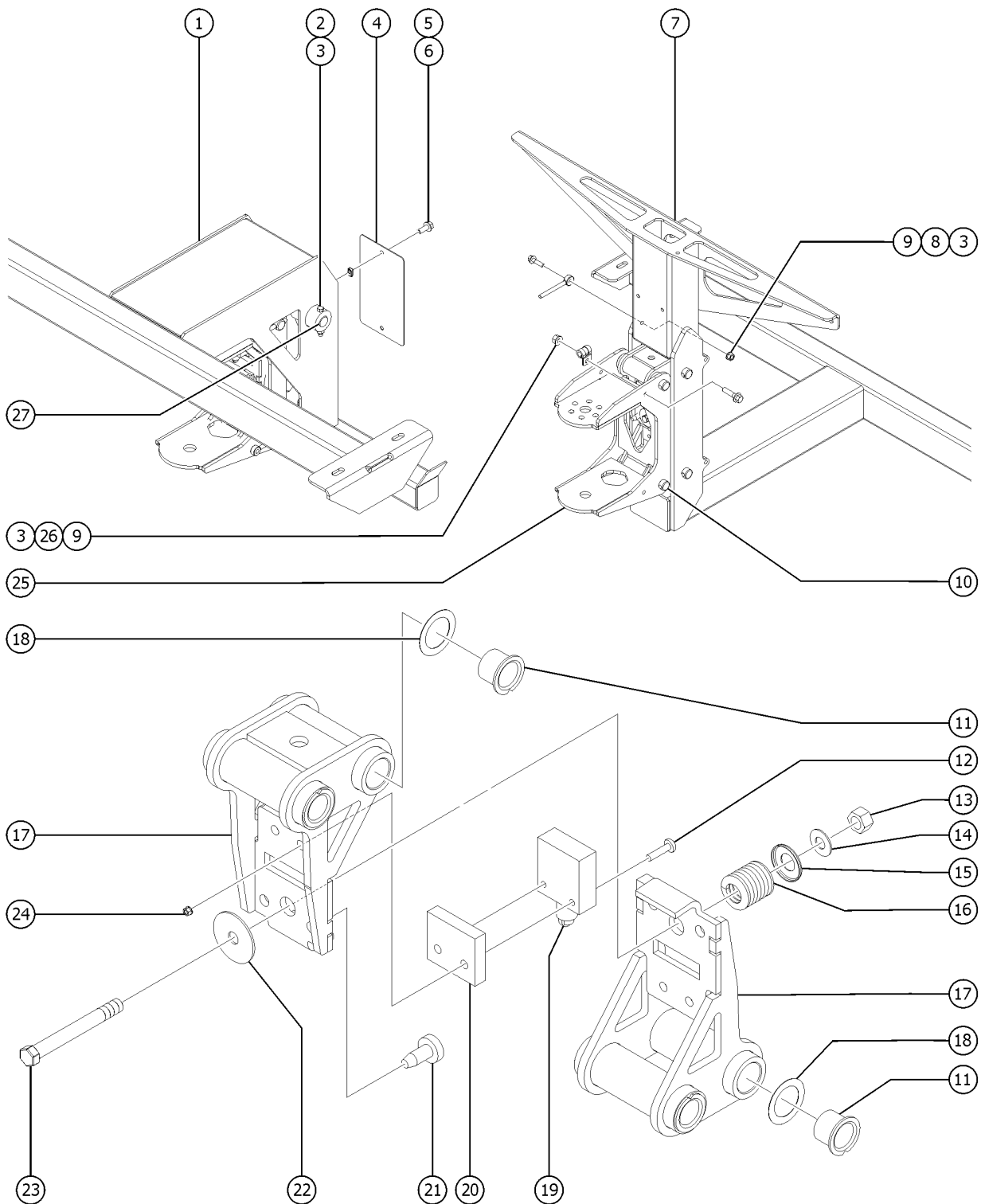
915.1 Operator Protective Structure



915.1 Operator Protective Structure

Item	Part No.	Description	Qty.
		<i>Fits all 6' and 8' Booms</i>	
1	219158GT	ACCESSORY, OPERATOR PROT STRUCT (Complete) includes all fasteners	1
2	1256468GT	NUT, 3/8-16, 8, ZAG	8
3	1255758GT	WASHER, FLAT, 3/8, USS, ZAG	12
4	824069GT	SCREW, HHC, 3/8-16X2.5, 8, ZAG	4
5	1251600GT	U-BOLT, FLATTENED, 1.5 X 3/8	4
6	1261184GT	NUT, 1/4-20, 8, ZAG	4
7	824120GT	WASHER, FLAT, .375X1.50X.125, ZAG Use only with the platform control box cover option	2
8	824113GT	WASHER, FLAT, 1/4, USS, ZAG	6
9	824060GT	SCREW, HHC, 1/4-20X1, 8, ZAG	4
10		Ref. DECAL, INSTRUCTION, OPS refer to section 103.1, 104.1, 107.1, or 108.1	1

916.1 Platform Overload Option, Z-45/25

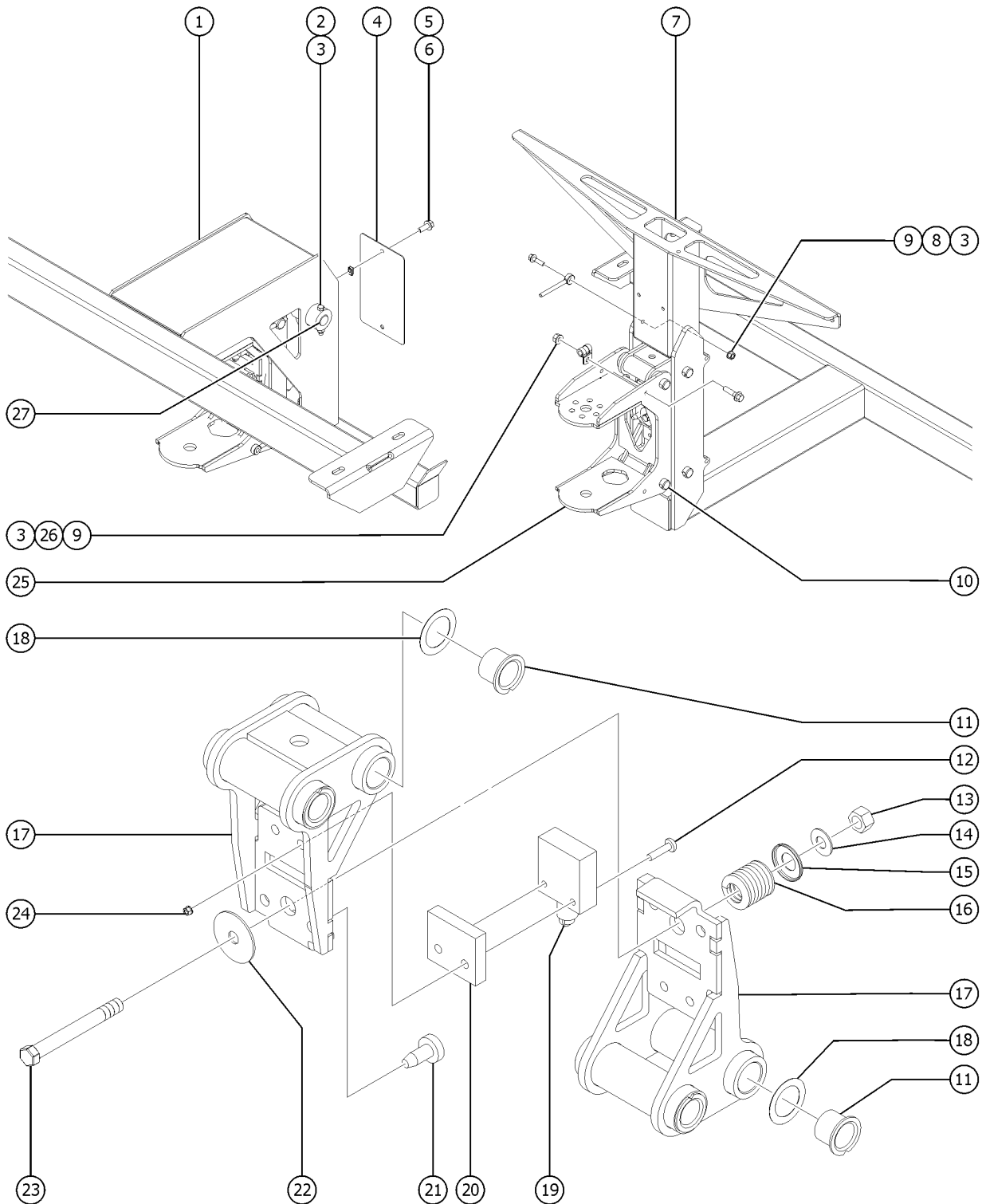


916.1 Platform Overload Option, Z-45/25

Item	Part No.	Description	Qty.
A	128045GT	MODULE,LOAD SENSE 2007	
1	98154GT	WELDMENT,PLAT SUPPORT,LS Z4525; non-jib models with platform overload option	1
2	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	2
3	824027GT	NUT,TL FLG,1/4-20,G,ZAG	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	2
8	825020GT	ROD END,.250X2.75,ZAG	4
9	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	5
10-	94643GT	ZERK,GREASE,5/16-24,STRAIT	
11	25685GT	BEARING,GARLOCK,12FDU12	8
12	824216GT	SCREW,PHPM,10-32X1.5,ZAG	2
13	824025GT	NUT,TL,3/8-16,C,ZAG	1
14	1255758GT	WASHER,FLAT,3/8,USS,ZAG	1
15	61975GT	RETAINER,SPRING,1.21 X .375	1
16	61974GT	SPRING,COMP,1" OD,232 LB/IN	1
17	101512GT	LOAD SUPPORT WITH BEARINGS	2
		includes items 11 and 18	
18	110789GT	WASHER,SHIM .0151 THK.	as -n ee ded
19	121848GT	ASSY,LS,LOAD SENSE,38.5 IN	1
20	61972GT	MOUNT,SWITCH	1
21	34619GT	BUMPER,RUBBER***	2
22	824122GT	WASHER, FLAT, .375 X 1.25 X .062, ZAG	1
23	824070GT	SCREW,HHC,3/8-16X3.25,8,ZAG	1
24	1264261GT	NUT,SERRATED,10-32,ZAG	2
25	61987GT	WELDMENT,ROTATOR MOUNT	1
26	45470GT	CLAMP,0.31,#5 X 1/4,RUB CUSH	1
27	99174GT	PIN,0.75DIA X 8.75LG,CHAMFER	2



916.1 Platform Overload Option, Z-45/25

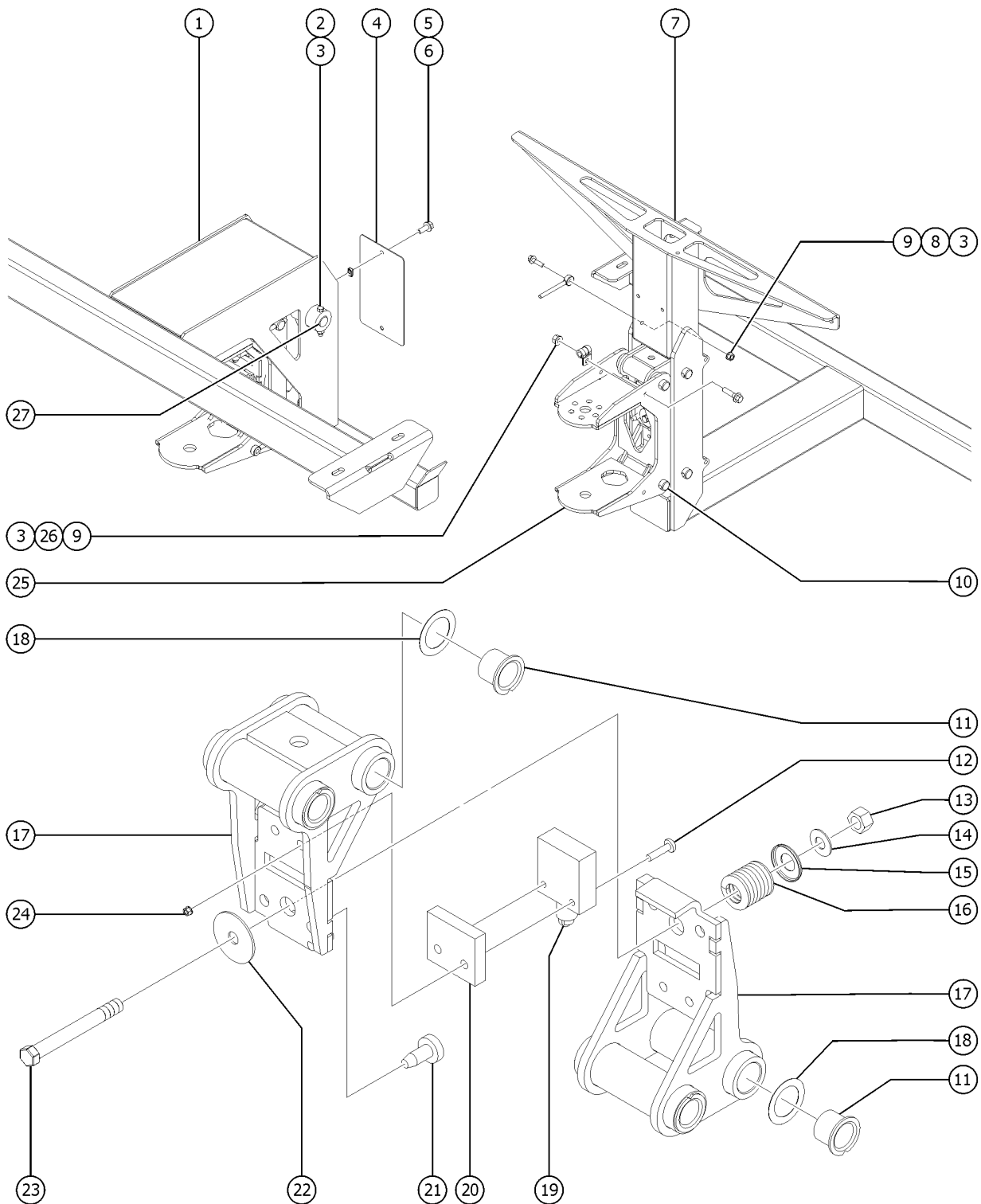


916.1 Platform Overload Option, Z-45/25

Item	Part No.	Description	Qty.
27-	94643GT	ZERK,GREASE,5/16-24,STRAIT	



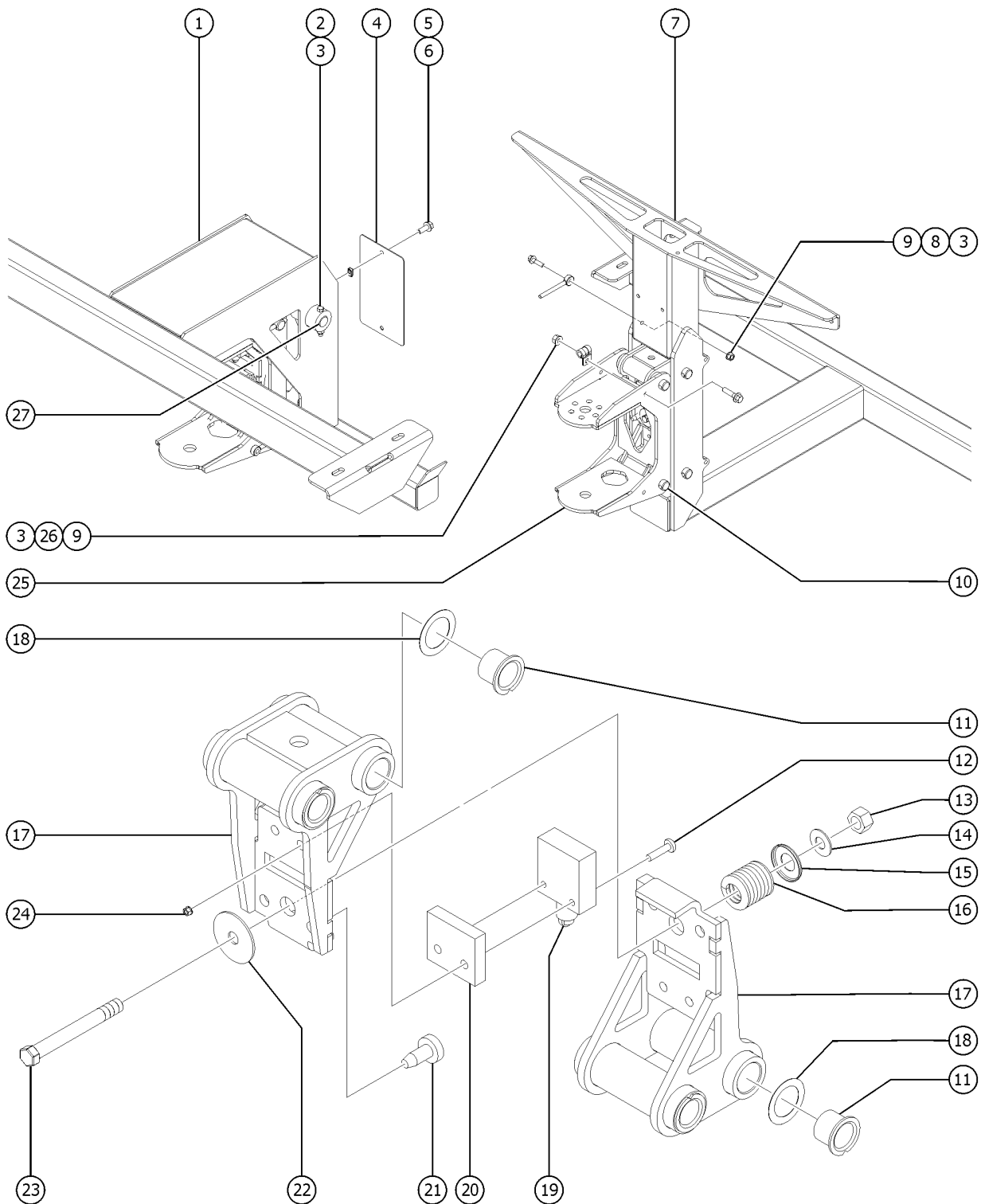
916.2 Platform Overload Option, Z-45/25J



916.2 Platform Overload Option, Z-45/25J

Item	Part No.	Description	Qty.
A	128045GT	MODULE,LOAD SENSE 2007	
2	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	2
3	824027GT	NUT,TL FLG,1/4-20,G,ZAG	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	2
7	61998GT	WELDMENT,PLATFORM SUPPORT Z45/25J; jib models with platform overload option	1
8	825020GT	ROD END,.250X2.75,ZAG	4
9	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	5
10	61726GT	PIN,0.75DIAX5.75LG,CHAMFER Z45/25J	4
10-	94643GT	ZERK,GREASE,5/16-24,STRAIT	
11	25685GT	BEARING,GARLOCK,12FDU12	8
12	824216GT	SCREW,PHPM,10-32X1.5,ZAG	2
13	824025GT	NUT,TL,3/8-16,C,ZAG	1
14	1255758GT	WASHER,FLAT,3/8,USS,ZAG	1
15	61975GT	RETAINER,SPRING,1.21 X .375	1
16	61974GT	SPRING,COMP,1" OD,232 LB/IN	1
17	101512GT	LOAD SUPPORT WITH BEARINGS	2
		includes items 11 and 18	
18	110789GT	WASHER,SHIM .0151 THK.	as -n ee ded
19	121848GT	ASSY,LS,LOAD SENSE,38.5 IN	1
20	61972GT	MOUNT,SWITCH	1
21	34619GT	BUMPER,RUBBER***	2
22	824122GT	WASHER, FLAT, .375 X 1.25 X .062, ZAG	1
23	824070GT	SCREW,HHC,3/8-16X3.25,8,ZAG	1
24	1264261GT	NUT,SERRATED,10-32,ZAG	2
25	61987GT	WELDMENT,ROTATOR MOUNT	1
26	45470GT	CLAMP,0.31,#5 X 1/4,RUB CUSH	1

916.2 Platform Overload Option, Z-45/25J

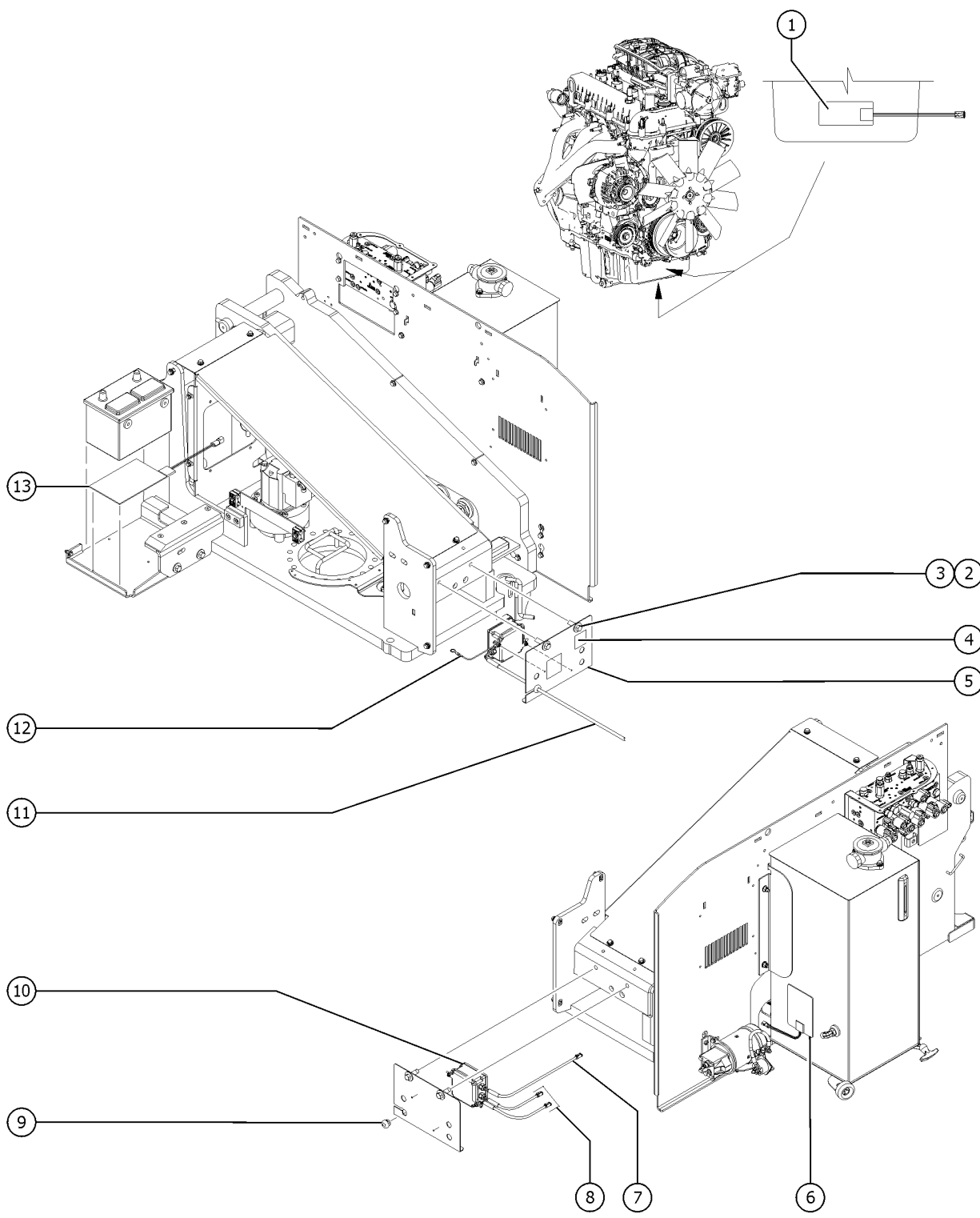


916.2 Platform Overload Option, Z-45/25J

Item	Part No.	Description	Qty.
27	99174GT	PIN,0.75DIA X 8.75LG,CHAMFER	2
27-	94643GT	ZERK,GREASE,5/16-24,STRAIT	



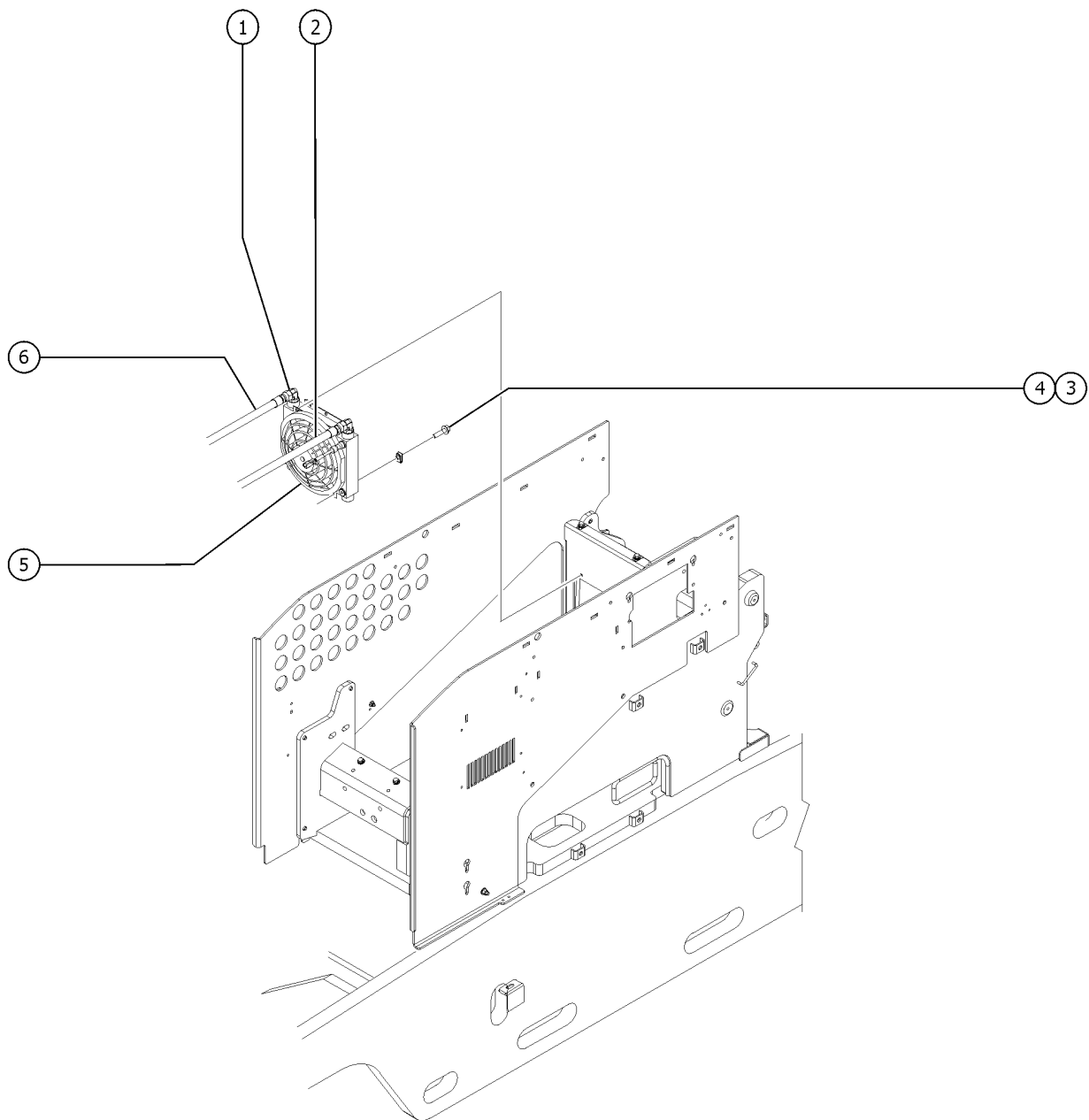
917.1 Cold Weather Package



917.1 Cold Weather Package

Item	Part No.	Description	Qty.
1A	216615GT	ASSY HEATER, MODEL 18, 120V 120V	1
1B	216616GT	ASSY HEATER, MODEL 18, 240V 240V	1
2	826171GT	SCREW,HHF,1/2-13X1.75,ZAG	2
3	125199GT	NUT,TL FLG,1/2-13,G,ZAG	2
4		REF: DECAL,POWER TO PLATFORM (section 100)	
5	219241GT	FORMING,MOUNTING BRACKET	1
6A	216612GT	ASSY,120V HEATER, HYD TANK 120V	1
6B	216611GT	ASSY,240V HEATER, HYD TANK 240V	1
7A	161029GT	HARNESS,BATTERY HEATER 120V 120V	1
7B	161031GT	HARNESS,BATTERY HEATER 240V 240V	1
8A	161028GT	HARNESS,ENG/HYD HEATER 120V 120V	1
8B	161030GT	HARNESS,ENG/HYD HEATER 240V 240V	1
9A	128118GT	BUSHING,STRAIN RELIEF,.875/.40 120V	1
9B	139318GT	BUSHING,STRAIN RELIEF,.875/.30 240V	1
10A	214249GT	COLD WEATHER 120V J BOX ASSY 120V (also order PN 219241 to complete installation)	1
10B	237711GT	COLD WEATHER 240V J BOX ASSY 240V (to SN 56360) (also order PN 219241 to complete installation)	1
10C	127359GT	COLD WEATHER 240V J BOX ASSY 240V (from SN 56361)	
11A	216645GT	HARNESS, 120V POWER CORD, 12" 120V	1
11B	216646GT	HARNESS, 240V POWER CORD, 12" 240V	1
12	161456GT	ASSY,COLD WEATHER GROUND	1
13A	216617GT	ASSY, BATTERY HEATER, 120V 120V	1
13B	216618GT	ASSY, BATTERY HEATER, 240V 240V	1

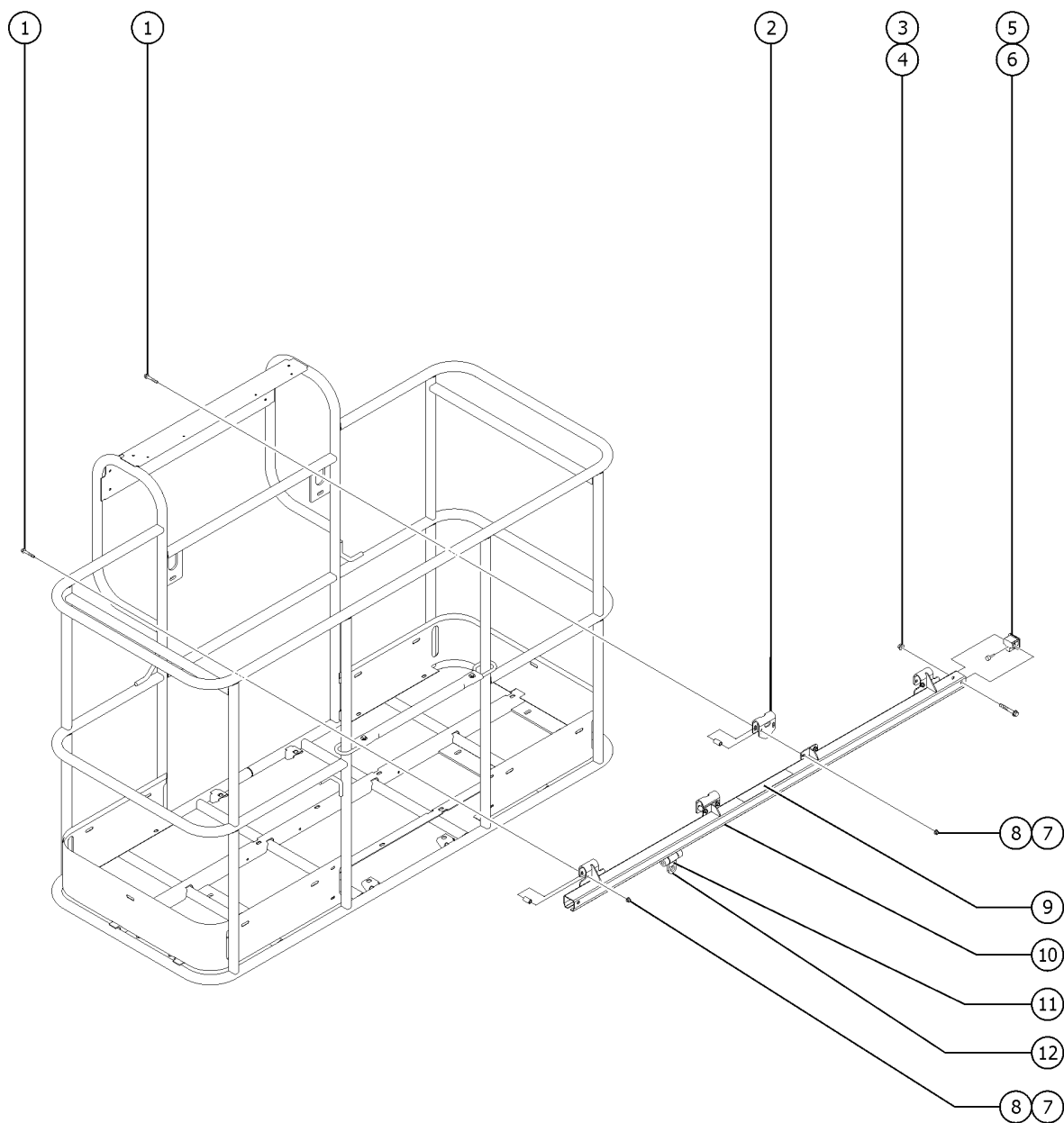
918.1 Oil Cooler



918.1 Oil Cooler

Item	Part No.	Description	Qty.
A	220234GT	HARNESS,RELAY,OIL COOLER	1
1	48959GT	FITTING,ELBOW,90D,520220-12	2
2	49151-6348GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
3	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	4
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.5	4
5	71259GT	OIL COOLER W/FAN, 12VDC	1
6	49150-7630GT	ASSY, HOSE, HYD, -12, 1750, STR, 90	1

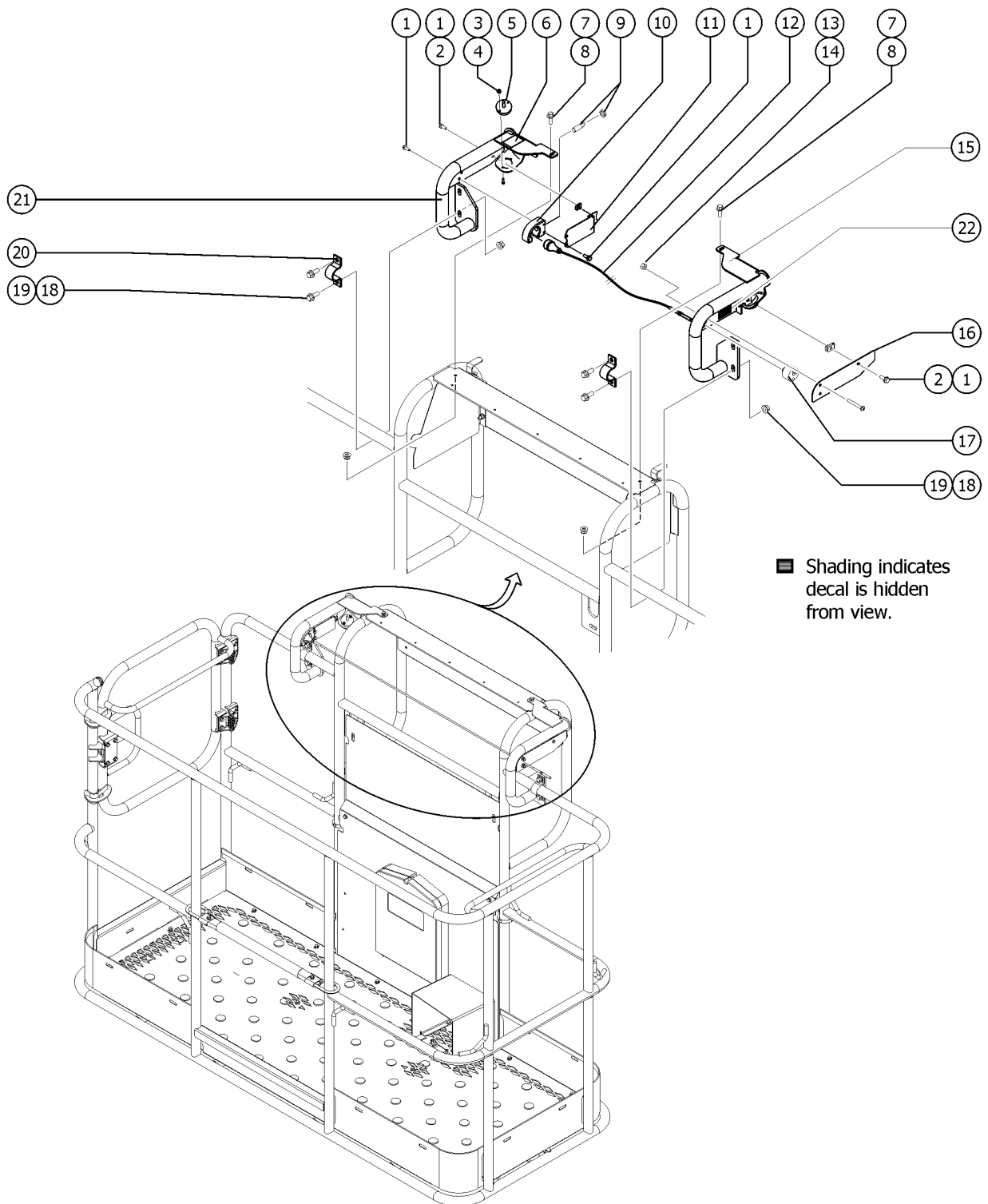
919.1 Fall Arrest Bar



919.1 Fall Arrest Bar

Item	Part No.	Description	Qty.
1	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG	8
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,G,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

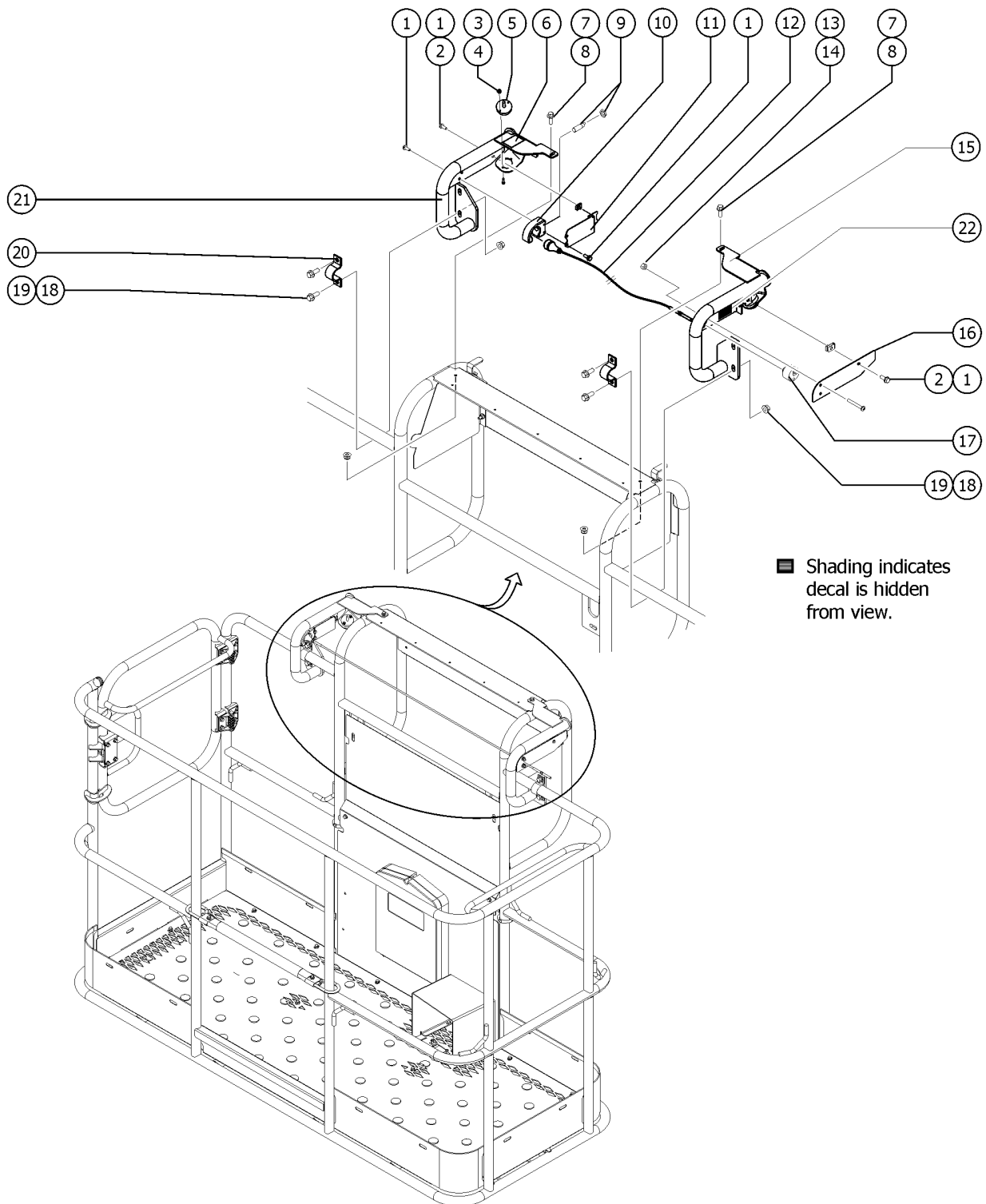
920.1 Lift Guard Contact Alarm



920.1 Lift Guard Contact Alarm

Item	Part No.	Description	Qty.
A-		From January 2017, this option became a standard installation on all models unless the ... customer specifically request not to have it installed	
B-	1279135GT	KIT, LIFT GUARD CONTACT ALARM, 6'-8' PLATFORM, NON-ALC1000 measure platform before ordering - for 5', 6', and 8' platforms only.	
C-	1278455GT	HARNESS, CONTACT ALARM, Z45IC	
D-	19274GT	RELAY, SPDT, 12V(AUTO)**	
E-	1278121GT	MODULE PLUS+1 CONTACT ALARM located inside the Platform Control Box	
1	1264934GT	SCREW, HHF, 10-24 X .5	
2	73575GT	SPRING CLIP, 10-24, ZINC	
3	12344GT	NUT, NYLOCK, 6-32	
4	1256859GT	SCREW, PHPM, 6-32X7/8, ZAG	
5	1278111GT	ASSEMBLY, LIGHT, CONTACT ALARM	2
5B	1285850GT	ASSEMBLY, AMBER LIGHT, CONTACT ALARM	
6	1278542GT	DECAL, INSTRUCTION, CONTACT ALARM	
7	824078GT	SCREW, HHF, 1/4-20X.75, 8, ZAG	
8	1277924GT	NUT, NYLOCK FLG, 1/4-20, F, ZAG	
9	1278119GT	ASSEMBLY SENSOR PROX OPA2	1
10	1278433GT	ASSY SENSOR W/HOUSING (Includes holder item 1277877 and sensor part 1278119)	
10-	1277877GT	HOLDER, SENSOR	1
11	1277873GT	FORMING, SENSOR HOLDER	1
12	1278416GT	ASSEMBLY OPA CABLE LARGE	1
12-	1278124GT	MAGNET, 1/4-20, 15 LB. Part of assembly 1278416	
12-	1278458GT	CONTACT ALARM WIRE ASSY, LARGE Part of assembly 1278416	
12-	1278368GT	GRIP, CABLE Part of assembly 1278416	
12-	1261184GT	NUT, 1/4-20, 8, ZAG Part of assembly 1278416	
13	825352GT	SCREW, PHPM, 10-32X1.25, ZAG	
14	1264261GT	NUT, SERRATED, 10-32, ZAG	
15	1278138GT	WELDMENT, RIGHT CONTACT ALARM, LARGE	1
16	1277875GT	PLATE, CABLE AND WIRE COVER	1
17	1277876GT	GUIDE, CABLE	1

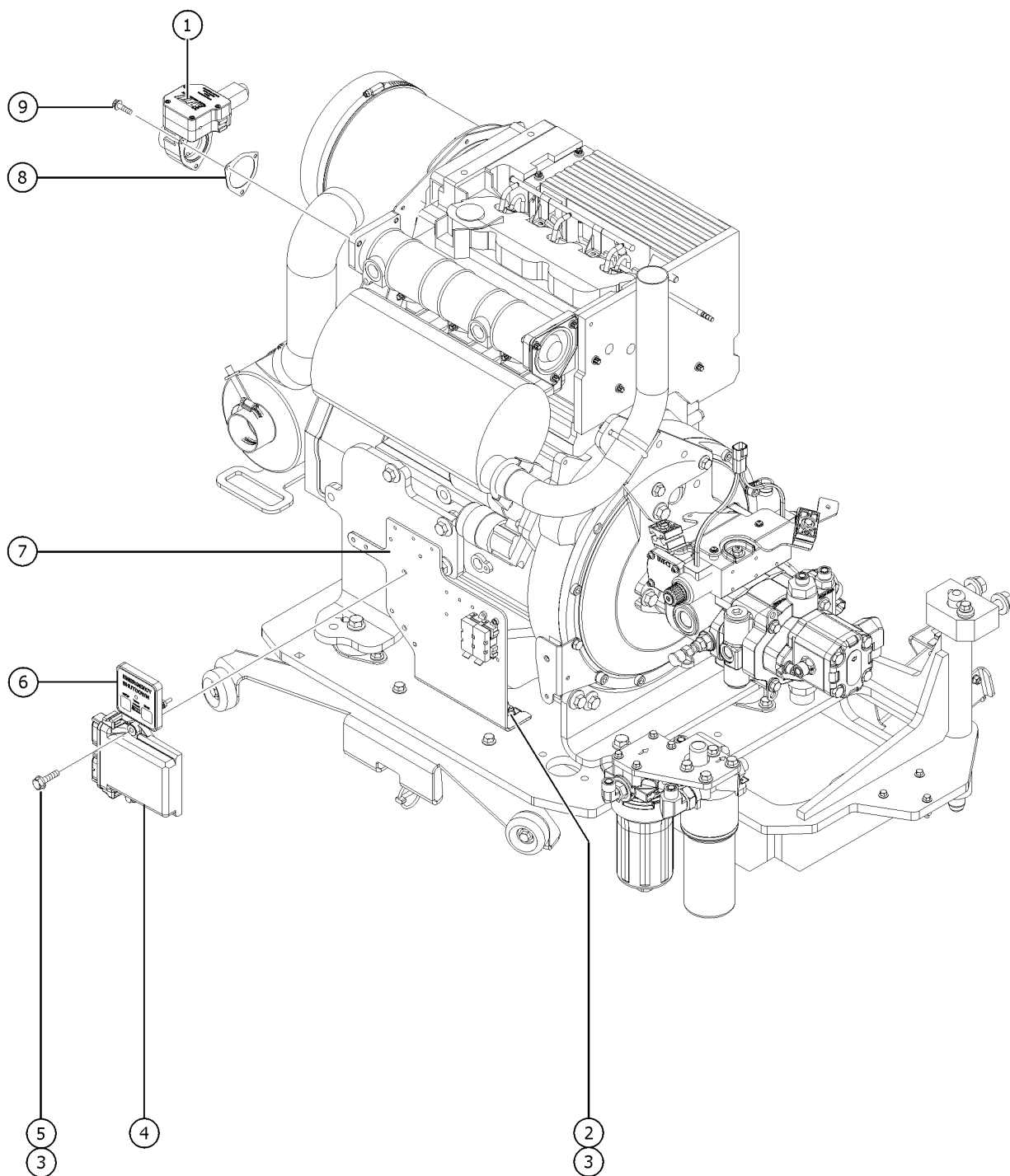
920.1 Lift Guard Contact Alarm



920.1 Lift Guard Contact Alarm

Item	Part No.	Description	Qty.
18	1274322GT	NUT,NYLOCK FLG,3/8-16,G,ZAG	
19	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
20	1278363GT	CLAMP, 1.25 INCH TUBE	2
21	1278144GT	WELDMENT, LEFT CONTACT ALARM, LARGE	1
22	1278982GT	DECAL, INSTRUCTION, ACTUATOR SWITCH SOCKET	1

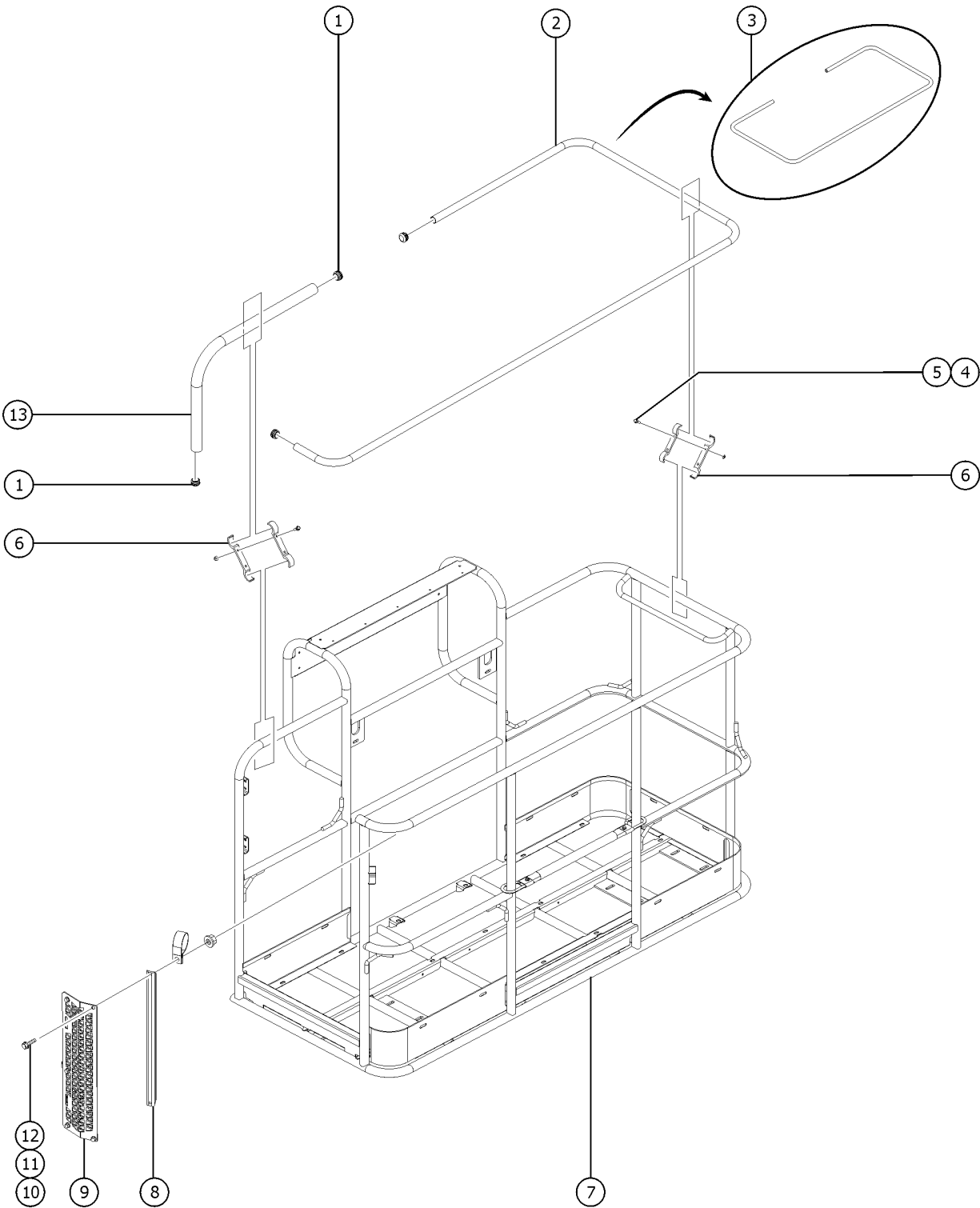
921.1 Positive Air Shutoff



921.1 Positive Air Shutoff

Item	Part No.	Description	Qty.
A	1264282GT	KIT, PAS VALVE, DEUTZ D2011L03	
B	1264293GT	HARNESS, VCU TO VALVE	1
C	1264294GT	HARNESS, VCU TO CONTROLS	1
1	1264497GT	VALVE, PAS, DEUTZ L03I	1
2	56912GT	SPRING CLIP, 1/4-20, .025-.15X.5	2
3	824080GT	SCREW, HHF, 1/4-20X1.25, 8, ZAG	
4	1264498GT	CONTROLLER, VCU, DEUTZ L03I	1
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
		(hidden from view)	
6	1264499GT	CONTROLLER, DASH, BASIC PLUS	1
7	216343GT	MOUNTING BRKT, ELECTRICAL PANEL	1
8	128079GT	GASKET, DEUTZ 2011 INTAKE	1
9		FASTENERS, Provided with kit 1264282GT	

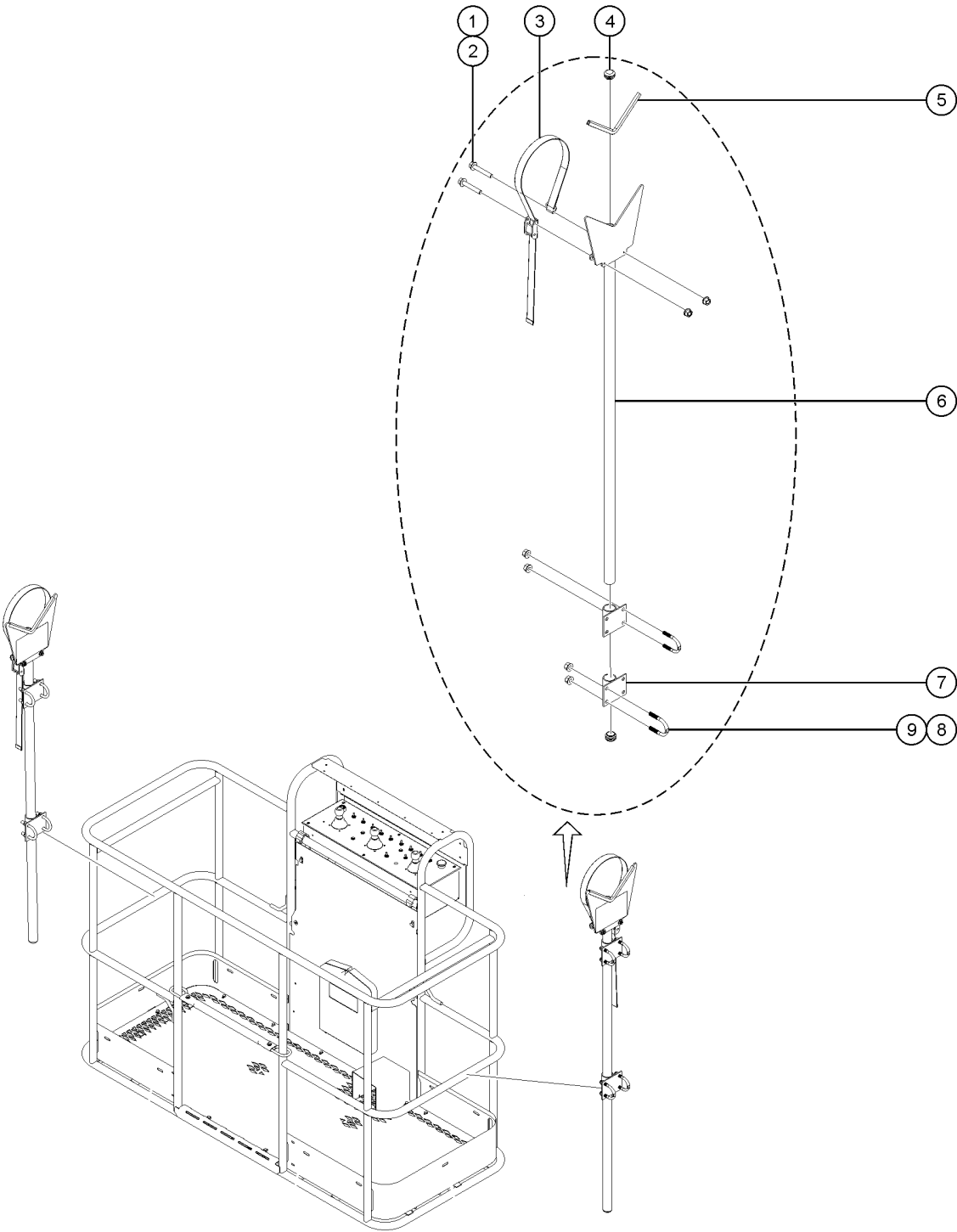
922.1 Auxiliary Rail Option



922.1 Auxiliary Rail Option

Item	Part No.	Description	Qty.
A	1279765GT	KIT,LATCH GUARD	1
1	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
2	1270570GT	AUX RAIL, 6' PLAT, SIDE ENTRY	1
3A	1259704GT	PINCH GUARD RAIL,6' PLATFORM	1
		(tri-entry with sliding mid-rails)	
3B	111485PGT	AUX TOP RAIL,6FT,PTD	1
		(tri-entry with sliding mid-rails)	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	22
5	824027GT	NUT,TL FLG,1/4-20,G,ZAG	22
6	122073GT	SUPPORT, RAILING	22
7		Ref.WELDMENT, PLATFORM	1
		(refer to 602.1)	
8	1277966GT	TUBE,SQ,STL, 1.00 x 1.00 x .120	1
9	1277952GT	GUARD, SWING GATE	1
10	824086GT	SCREW,HHF,5/16-18X1,8,ZAG	5
11	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	5
12	824028GT	NUT,TL FLG,5/16-18,G,ZAG	5
13	1270571GT	AUX RAIL, 6' PLAT, SIDE ENTRY	1

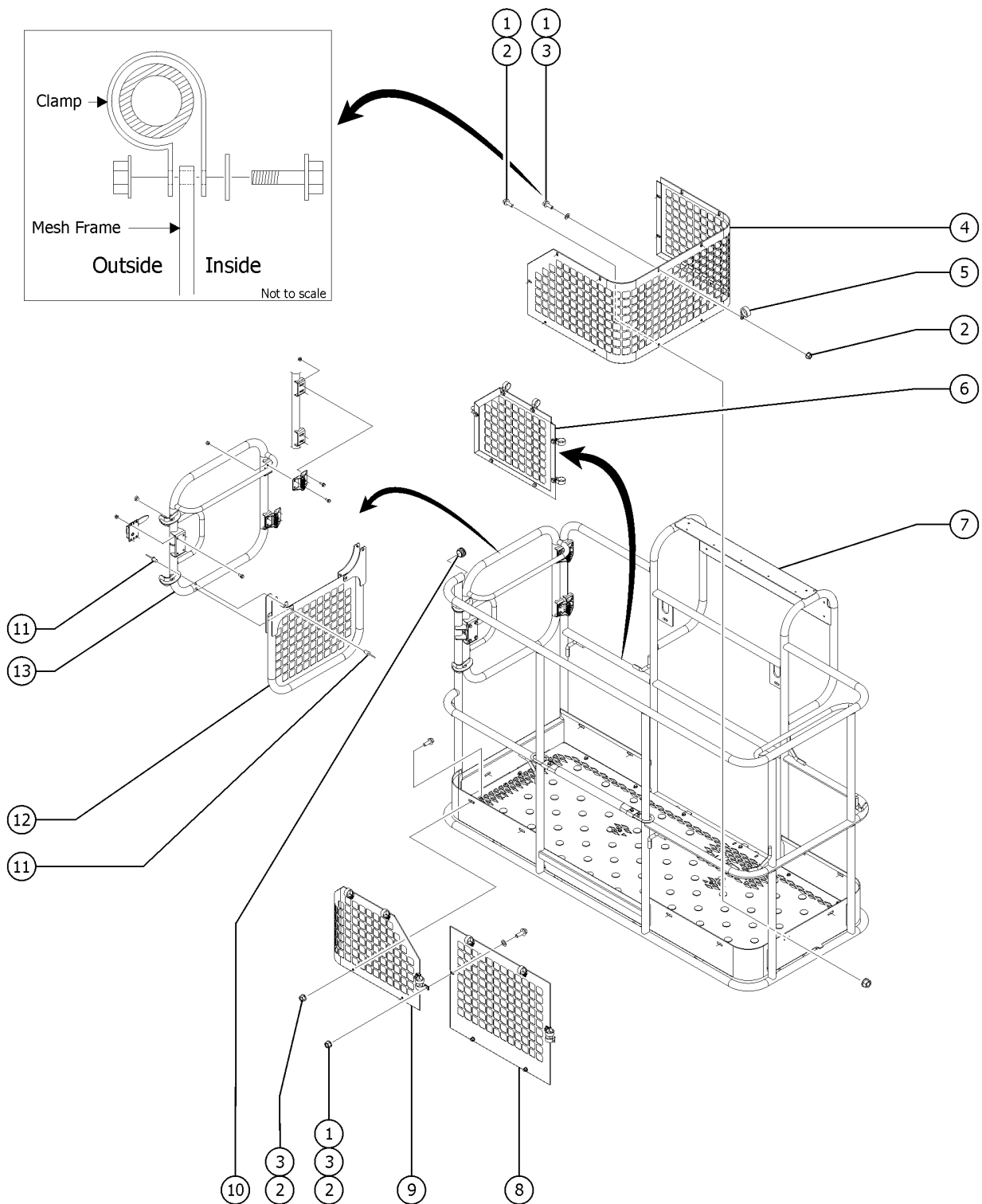
923.1 Pipe Cradle



923.1 Pipe Cradle

Item	Part No.	Description	Qty.
A	85300GT	PIPE CRADLE ASSY. SERV (ONE)** (ANSI & CE only) (This is a single assembly. Qty 2 of 85300GT required to complete a set)	
A-	65630GT	INSTRUCTIONS-PIPE CRADLE,BOOMS	
1	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
2	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
3	56570GT	STRAP, CONDUIT HOLDER 60"***	2
4	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
5	19018-1100GT	TRIMLOCK,BLACK,5/32"	2
6	56525GT	WELDMENT, PIPE CRADLE (decal not included order seperately)	2
6-	72875GT	DECAL,WARNING,PIPE CRADLE,BOOM	
		(must be ordered seperately)	
7	81368GT	WELDMENT,PIPE CRADLE MOUNT	4
8	1251600GT	U-BOLT, FLATTENED, 1.5 X 3/8	8
9	1274322GT	NUT,NYLOCK FLG,3/8-16,G,ZAG	16

904.1 Half-height Mesh Option



904.1 Half-height Mesh Option

Item	Part No.	Description	Qty.
1	1264101GT	SCREW,HHC,5/16-18X1,8,ZAG	20
2	824028GT	NUT,TL FLG,5/16-18,G,ZAG	29
3	825358GT	WASHER,FLAT,5/16,USS,ZAG	21
4	1270313GT	PANEL, HALF MESH	1
5	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	20
6	1270314GT	PANEL, HALF MESH	1
7		Ref. PLATFORM ASSEMBLY	
		(refer to 601.1 and 602.1)	
8	1271061GT	PANEL, HALF MESH	1
9	1270316GT	PANEL, HALF MESH	1
10	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
11	824207GT	RIVET,STL,STL,DOME,1/4X..375,Z	8
12	1285700GT	WELDMENT,SWING GATE PANEL	1
13		SWING GATE,WITH LATCH	1
		(refer to 602.1)	

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
1268GT	13	18720GT	207, 217, 219, 349	27904GT	71
1484GT	13	18963GT	91	27916GT	13
1487GT	347	19018-1100GT	377	28158GT	19, 23, 35, 37
1488GT	347	19274GT	369	28159GT	19, 23, 35, 37
1697-400GT	211, 215	19491GT	65, 221, 225, 229, 233	28160GT	19, 23, 27, 29, 35, 37...
4828GT	177, 187	19506GT	81	28174GT	19, 23, 31, 33, 35, 37...
5365GT	63, 123, 133, 159, 165, 171	20224GT	279	28175GT	27, 29
5397GT	175, 187, 323	21019GT	175	28176GT	31, 33
6019GT	187	21130GT	63, 123, 171	28214GT	177
6090GT	177	21141GT	67	28235GT	19, 23, 31, 33, 35, 37...
6091GT	175, 179, 203	21166GT	51	28236GT	31, 33
6095GT	179, 185	21465GT	137, 167 243, 333, 337, 341, 345	28678-2250GT	303, 305
6145GT	149	21618GT	243	28678-4650GT	289
6146GT	85, 93, 175	21619GT	71	28750GT	13
6178GT	93, 169, 211, 215	22348GT	195	29080GT	221, 225
6198GT	179, 187	22571GT	131, 169, 175, 191, 193, 329	29261GT	341, 345
6272GT	95	22672GT	181, 183	29557GT	127
6638GT	177, 179, 323	22699GT	135	29559GT	117
6653GT	169, 175	22700GT	181, 183	29560GT	13, 123
6833GT	157, 211, 215, 333, 337, 341	22736GT	131, 159, 169, 175, 191	29868GT	67, 73, 79
6888GT	175, 179	24038GT	187	30138GT	221, 225, 229, 233
6935GT	77	24040GT	253, 257	30143GT	203
7056GT	77, 263	24514GT	349	30144GT	203
7713GT	153	25282GT	77	30222GT	241, 247, 249
7746PGT	309	25388GT	241, 247	30348GT	133, 137, 157
8177GT	179	25683GT	355, 359	30370GT	217, 219
8357GT	185	25685GT	53, 139, 171, 349	30468GT	309
8915GT	179	25817GT	173	30489GT	329
9599-SGT	309	25929GT	195	30794GT	105, 111
10587GT	209	27082GT	143, 171, 187, 203	30971GT	119, 329
10775GT	263	27126GT	19, 23, 35, 37	30996GT	267
10777GT	263	27204GT	27, 29, 39, 41	31060GT	19, 23, 27, 29
11818GT	73	27205GT	19, 23, 27, 29, 35, 37...	31523GT	123
12344GT	83, 91, 369	27206GT	19, 23, 27, 29, 35, 37...	31779GT	13
13268GT	85, 93, 123, 157, 261, 313	27207GT	81, 89, 335, 339 105, 111, 333, 337, 341, 345	31788GT	27, 29
13585GT	263	27246GT	13	32150GT	13
13597GT	263	27391GT	181	32151GT	13
15086GT	177	27581GT	271, 275	32680GT	59
16073GT	313	27584GT	271, 273, 275	32681GT	63
18503GT	181	27807GT	71	32695GT	117
18504GT	179	27836GT		32698GT	15
18666GT	153	27901GT		33239GT	123

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
33277GT	195	42662GT	159	48767-2000GT	291
33550GT	33, 45	42941-75GT	209, 213	48773-2000GT	291
33555GT	101, 103	43018GT	225, 233, 241, 247, 279, 283	48773-2800GT	291
33674GT	347	43392GT	255, 259, 311, 347	48885GT	289
33681GT	153	43683GT	285	48890GT	293, 303, 305
33994GT	13	43956GT	77	48904GT	65, 289, 301, 305
34052GT	85, 93, 267	43960-6950GT	253, 257	48905GT	291, 293, 295, 297, 299, 303
34053GT	85, 93, 267	43960GT	209, 213	48906GT	289
34054GT	85, 93	44168GT	277	48907GT	303, 305
34055GT	85, 93	44174GT	283	48908GT	295, 297, 301, 349
34125GT	221, 229, 233	44178GT	279	48909GT	299
34162-300GT	133	44216GT	281	48911GT	289, 295, 297, 299
34163GT	325	44224GT	279	48912GT	279, 289, 293, 299, 349
34276GT	217, 219	44225GT	279, 281	48914GT	301
34619GT	77, 355, 359	44227GT	277, 281	48916GT	289
34955GT	329	44228GT	277, 279, 281	48917GT	293
34959GT	325, 327	44229GT	277, 281	48918GT	289
35434GT	131, 133, 165, 179, 191, 193	44235GT	279, 281	48930GT	299
35499GT	117	44981GT	19, 23, 31, 33, 35, 37...	48932GT	289, 295, 297, 301
35586GT	123	45071GT	207	48933GT	289, 295, 297, 301, 317
35675GT	247	45074GT	47	48935GT	319
35956GT	309	45112GT	51	48936GT	295, 297, 301
36198GT	53	45113GT	51	48937GT	301
36208GT	161, 175, 191, 329	45114GT	51	48946GT	289
36388GT	367	45363GT	69, 141, 171, 187, 203	48947GT	291, 295, 297, 301, 317
36555GT	13	45383GT	263	48948GT	291, 299
36872GT	203	45384GT	83	48949GT	289
36878GT	263	45385GT	83, 91	48959GT	365
36899GT	105, 111	45400GT	331	48960GT	291
36937GT	349	45435GT	119, 133, 153, 163, 179, 193	48977GT	291
37505GT	181, 185	45454GT	125, 137, 143, 159, 195, 313	48978GT	291
38149GT	27, 29	45455GT	133	48983GT	291
38620GT	229, 233	45470GT	355, 359	48984GT	291
38922GT	153, 195	45708GT	203	48996GT	291
39346GT	277	45782GT	105, 107, 111	48997GT	279
39518GT	73, 169, 175	45837GT	51	48999GT	291
39540GT	83	46018PGT	283	49000GT	69
40434GT	31, 33, 43, 45, 367	46131GT	157	49116-8737GT	299
40658GT	171	46188GT	333, 341	49117-2191GT	299
42104GT	347	47092GT	279	49117-2591GT	299
42502GT	221, 225, 229, 233	47377GT	53	49117-4991GT	295, 297, 299
42646GT	85, 95	48767-700GT	305	49117-5191GT	295, 297, 299

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
49117-5591GT	299	49411GT	181, 185	52907GT	279, 281
49117-5691GT	289	49418GT	301	52969GT	19, 23, 35, 37
49118-800GT	349	49612GT	13	53517GT	309
49118-2508GT	289	49613GT	13	53605GT	69
49119-2178GT	293	49768GT	63	53952GT	121, 133, 153, 173, 179, 193, 229, 233, 279
49119-2224GT	305	49772GT	211, 215	54063GT	241, 247
49119-2374GT	305	49817GT	93	54065GT	71
49119-4178GT	305	49820GT	83, 87, 91	54124GT	349
49119-4878GT	289	49861GT	317	54145GT	207
49119-5478GT	295, 297, 299	49924GT	15, 123, 127, 131	54156GT	225, 233
49119-5578GT	299	50294GT	251	54157GT	71
49119-6078GT	295, 297, 299	50455GT	207	54204GT	181, 195
49119-6278GT	299	50466-SGT	247	54205GT	143, 171
49119-7078GT	299	50479GT	209, 213	54244GT	205
49119-16178GT	293	50480GT	247	54244-SGT	253, 257
49119-20578GT	305	50517-SGT	209, 213	54247PGT	237, 239
49119-21878GT	305	50519GT	65, 99	54271GT	71
49119-26078GT	303	50542GT	217, 219	54324GT	71
49119-27478GT	303	50543GT	241, 245	54325GT	71
49119-36178GT	293	50546GT	223, 227, 231, 235, 245	54333GT	93, 263
49119-37678GT	293	50548PGT	211, 215	54365GT	143, 171, 187, 203, 249
49119-38578GT	293	50552GT	223, 227, 231, 235	54432GT	71, 181
49119-39378GT	293	50570GT	77	54437GT	249
49120-13081GT	289	50584GT	221, 225, 229, 233	54510-SGT	241
49120-35381GT	293	50698GT	221, 227, 229, 235	54520-SGT	53, 61
49121-2088GT	305	50742GT	53	54542GT	163
49121-25688GT	303	50770GT	51	54551GT	53
49121-27788GT	305	50787-SGT	123	54567GT	225, 233
49126-3433GT	299	50952-SGT	213	54569GT	221, 229
49141-2463GT	289	50974GT	67, 73, 141, 171, 187, 203	54570GT	169, 175, 191
49141-6763GT	289	51474GT	349	54578GT	169, 175
49143-6254GT	321	52352GT	123	54579GT	51, 57
49150-7630GT	365	52369GT	279	54627GT	329
49151-6348GT	365	52371GT	277, 281, 283	54635GT	329
49163-1100GT	349	52374GT	281	54637GT	329
49183-11492GT	289	52475GT	19, 23, 27, 29, 35, 37...	54638GT	329
49212GT	313	52607GT	19, 23	54639GT	329
49214GT	313	52726GT	271, 273	54640GT	329
49215GT	313	52865GT	27, 29	54652GT	329
49364GT	195	52866GT	119, 133, 173, 179	54687GT	181, 185
49408GT	149	52897GT	283	54726GT	207
49410GT	181	52906GT	279	54757GT	349

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
54786GT	349	61143-3263GT	299	66472GT	333, 337, 341, 345
54787GT	349	61143-8063GT	289	66812GT	81, 89, 261
54789GT	349	61143-8863GT	321	66813GT	83, 89, 261
54840GT	51	61306-SGT	247	66814GT	83
54959GT	51	61726GT	359	66816GT	83, 261
54960GT	51	61972GT	355, 359	66818GT	81, 89, 261
54961GT	51	61974GT	355, 359	66821GT	261
54962GT	51	61975GT	355, 359	70367GT	163, 175, 191
54994GT	247	61987GT	355, 359	70375GT	119
55067GT	249	61998GT	249, 359	70381GT	125, 135
55753GT	217, 219, 309, 333, 337 341	62252GT	273	70385GT	117
56053GT	85, 93	62324GT	279	70452GT	119, 135, 143, 159, 165 189
56055GT	85, 93	62337GT	277	70460PGT	123
56057GT	85	62341GT	279, 281	70461PGT	119
56306GT	265	62346GT	277	70488GT	325
56424GT	253, 257, 323, 375, 379	62392GT	269	70529GT	325
56426-700GT	333, 337, 341, 345	62420GT	15, 119, 133, 173, 179, 193	70589GT	217, 219
56525GT	377	62421GT	15, 173, 177	70632GT	349
56570GT	377	62433GT	15, 171, 195	70638GT	349
56663GT	267	62506GT	283	70642PGT	313
56704GT	307	62507GT	283	70644-75792GT	313
56849GT	211, 215	62815GT	277, 281	70671GT	217, 219
56912GT	51, 53, 57, 61, 73, 97...	62926GT	23, 37	70685PGT	209, 213
56934GT	323	62927GT	19, 35	71259GT	365
56994GT	85, 93	62947GT	27, 29, 39, 41	71498GT	309
58222GT	117, 139, 187, 201	62948GT	27, 29, 39, 41	72086GT	19, 23, 27, 29, 35, 37...
58223GT	117, 139, 187, 203	63463GT	119, 133, 173, 179, 193	72282GT	307
58247GT	153	64260GT	315, 317	72326GT	263
58319GT	85, 93	65473GT	161, 169, 175, 191	72343GT	155, 163
58380GT	117, 139, 187, 203	65630GT	377	72346GT	15
58415GT	119, 133, 173, 179, 193	65636GT	169, 183, 199	72875GT	377
58431GT	285	65638GT	169, 183, 199	72999GT	19, 23
58632GT	149	65737GT	77	73463-1175GT	323
60042GT	251	65788GT	221, 229	73477PGT	253, 257
60139GT	69	65789GT	247	73574-SGT	253, 257
60139PGT	349	65790GT	225, 233	73575GT	253, 257, 369
60143-SGT	69	65791GT	53	73610PGT	253, 257
60160PGT	253, 257	65810GT	119, 133, 173, 179, 193	73739GT	253, 257
60334GT	117, 139, 187, 201	65849GT	117	73805GT	81, 89
60443GT	315, 317	65887GT	163, 175	73807GT	283
60585GT	163, 177, 191	66031GT	313	73842GT	329
60857GT	117, 141, 187, 203	66399GT	13	73900GT	251

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
73923GT	49	77311-7156GT	299	81900GT	83, 91
73924GT	49	77351GT	263	82161GT	19, 23
73925GT	49	77353GT	13, 67	82240GT	39, 41
74006GT	263	77354GT	67	82243GT	31, 33
74052GT	263	77362GT	217, 219	82366GT	19, 23
74902GT	273, 275	77363GT	241, 247	82431GT	285
74913GT	85, 93	77364GT	217, 219, 241, 247	82473GT	39, 41
74917GT	85, 93	77365GT	67	82487GT	35, 37, 43, 45
75020GT	181, 195	77375GT	221, 225, 229, 233	83093GT	81, 89
75041GT	171	77376GT	221, 225, 229, 233	83131GT	81, 89
75073GT	97, 103	77398GT	19, 23	84135GT	271, 273
75076GT	97, 103	77399GT	19, 23, 27, 29	84137GT	271, 275
75278-2629GT	289	77402GT	125, 171	85053GT	181
75443GT	269	77409GT	53	85059GT	181
75444GT	269	77410GT	221, 225, 229, 233	85155GT	183
75445GT	269	77476GT	163	85239GT	81, 89
75446GT	269	77478GT	163	85300GT	377
75447GT	269	77482GT	169, 183, 199	87085GT	309
75448GT	269	77483GT	183, 199	87684GT	77, 101, 103
75449GT	269	77521GT	207	87755GT	83, 91
75574GT	299	77664GT	323	88203GT	207
75617-1025GT	333, 337, 341, 345	77674GT	47	88315GT	95
75617-1550GT	333, 337, 341, 345	77683GT	323	88356-11103GT	65
75617-2075GT	335, 339, 343, 347	77736GT	183	88356-11163GT	209, 213
75617-2275GT	333, 337, 341, 345	77788GT	285	88356-11205GT	209, 213, 221, 225, 229, 233
75617-6275GT	335, 343	77797GT	333, 337, 341, 345	88370PGT	209, 213
75631GT	149	78736GT	53, 101, 285	88377-1400GT	323
75636GT	333, 337, 341, 345	80391GT	117, 173, 181	88390GT	333, 337, 341, 345
77014GT	217, 219	81013GT	285	88451GT	145
77066GT	69	81096GT	263	88452GT	145
77087GT	349	81175GT	247	88516GT	249
77103-3600GT	293	81368GT	377	88606PGT	309
77103-4800GT	293	81488GT	261	88607PGT	309
77162GT	271, 275	81550GT	267	88635-3724GT	289
77163GT	271	81578GT	103	88676GT	207, 217, 219
77180GT	157	81640GT	99, 245	88725GT	105, 111
77181GT	245, 249	81669GT	285	88832GT	107, 113
77186GT	273, 275	81691GT	63	88917GT	13, 67
77189GT	217, 219	81802GT	343, 347	88988GT	185, 197
77245GT	125	81812-4892GT	295, 297, 299	88988PGT	171
77295GT	15, 153	81812-6617GT	321	88989GT	177
77303GT	207	81834GT	77	88989PGT	163

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
88990GT	175, 191	97815GT	31, 33, 43, 45	106427GT	209, 213
88990PGT	169	98154GT	355	106663GT	179
89065GT	53	99174GT	355, 361	106835GT	285
89066GT	53	99346GT	139, 185, 195, 201	106836GT	285
89554-2913GT	299	101006GT	121	106837GT	285
89575GT	85, 95	101010GT	85, 95	106972GT	209, 213
89756GT	65, 209, 215	101055GT	281	106974GT	209, 213
89765GT	15, 17, 183	101080GT	105, 111	106976GT	209, 213
89771GT	171	101085GT	177	106983GT	209, 213
89785GT	129	101129GT	125	106986GT	209, 213
89863GT	277, 281	101138GT	117	107578GT	55
89953GT	169	101140GT	123	107588GT	207
93500GT	13	101277GT	277	107590GT	207
94077GT	109, 115, 201	101294GT	285	107727GT	207
94374-10330GT	289	101490GT	67	107803GT	139, 185, 201
94464-2786GT	299	101512GT	355, 359	107805GT	139, 185, 201
94464-7086GT	295, 297	101586GT	49, 59	107813GT	285
94485GT	123	101587GT	59	107814GT	285
94492PGT	355, 359	101726GT	67, 71	107815GT	285
94493-SGT	323	101729GT	119, 123, 133, 139, 159, 165	107816GT	277
94506GT	81, 89	101815GT	65	107842GT	285
94526GT	67	101932GT	331	107843GT	61
94529GT	209, 213	101958GT	281	107859GT	207
94531PGT	209, 213	101964GT	97	107881GT	209, 213
94612GT	69, 73	102119GT	157	107889GT	71
94614GT	277	102121GT	155, 177, 191	108538GT	127
94616GT	277	102158GT	49, 57	110149GT	157, 313, 315
94618GT	281	102587GT	127	110160GT	107, 113
94643GT	289, 355, 357, 359, 361	102785PGT	309	110180GT	281
94745GT	253, 257	102786PGT	309	110194GT	271, 273, 275
94745PGT	309	102992GT	253, 257	110200GT	271, 275
94762GT	15, 171, 177, 199	104759GT	283	110304GT	169, 175, 191
94886GT	169	104804GT	255, 259	110345GT	67
94887GT	185	105214GT	67, 125, 143, 165, 189, 205	110382GT	109, 115, 201
94889GT	15, 173, 177	106044GT	333, 337	110406GT	161
94927GT	163	106069GT	101	110417PGT	159
96008-SGT	81, 89	106098GT	49, 59	110477GT	157
96770GT	195	106117GT	47, 57	110671GT	249
97128GT	65, 209, 213, 215, 221, 225	106163GT	249	110725GT	49
97473GT	183	106226-1600GT	163, 175	110789GT	355, 359
97548GT	27, 29	106226GT	165, 191	110932GT	159
97602GT	27, 29	106339GT	349	111051GT	237, 239

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
111052GT	237, 239	119546GT	145	128311GT	237, 239
111053GT	237, 239	119568GT	145	128423GT	285
111445GT	117	119619GT	47, 51, 53, 61	128454PGT	245
111485PGT	375	119644GT	267	128482GT	313
111526GT	309	119915GT	269	128483GT	245
111634GT	153	119918GT	73	128504GT	341, 345
111668GT	123	119994GT	245	128511GT	245
111699GT	201	120240GT	119	128534GT	245
111817-1025GT	73	120269GT	57	128578GT	81, 89, 333, 339
111817-1925GT	73	121763GT	77	128581-SGT	335, 339
111817-4825GT	73	121843GT	105, 113	128584-SGT	81, 89
111817-5625GT	73	121846GT	93	128588GT	171, 181
111817-6725GT	73	121848GT	111, 355, 359	128596GT	237
114248GT	43, 45	122019GT	307	128597GT	237
114249GT	35, 37, 39, 41	122073GT	309, 333, 337, 341, 345, 375	128601GT	223, 227, 231, 235
114251GT	35, 37	122148GT	271, 273	128603GT	221, 229
114252GT	35, 37, 39, 41	122246GT	201	128605GT	223, 231
114258GT	19, 23	123572GT	99	128829GT	85, 93
114390GT	19, 23, 27, 29, 31, 33	128000GT	269	128831GT	163
114397GT	31, 33	128001GT	269	128851GT	73
115431GT	163, 175	128003GT	171, 181	128852GT	331
119051GT	155	128004GT	125, 135	128862GT	237, 239
119052GT	155	128020GT	153	128973GT	331
119053GT	155, 169	128022GT	181	128984GT	169, 177, 199
119055GT	69	128024GT	181	128985GT	169, 177, 199
119058GT	253, 257	128025GT	181	128986GT	163, 183
119067GT	315, 317	128045GT	355, 359	128991GT	163, 183, 199
119117GT	117	128061GT	181, 183	128995GT	223, 227, 231, 235
119139GT	15, 145	128079GT	373	128997GT	245
119140GT	149	128118GT	363	128998GT	209, 213
119168GT	73	128165GT	145	133067GT	35, 37, 39, 41, 43, 45
119170GT	73	128166GT	145	133278GT	19, 23
119209GT	61	128200GT	81, 83, 89, 91, 261, 263	139241GT	103
119210GT	61	128201GT	83, 91, 261, 333, 337	139261-5900GT	99
119232GT	157	128202GT	83, 91, 261	139318GT	363
119403GT	77	128203GT	261	139330GT	47, 57
119404GT	77, 317	128204GT	81, 91, 261, 263	139438GT	309
119474GT	15, 149	128301GT	225, 233	139598GT	269
119475GT	145	128304GT	227, 235	139610GT	153
119477GT	149	128308GT	239	139622GT	117
119536PGT	245	128309GT	239	139624GT	117
119542GT	245	128310GT	237, 239	139687GT	241

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
139688GT	241	147241GT	315, 317	161079GT	107, 113
139701GT	237	147242GT	315, 317	161087GT	125
139702GT	239	147262GT	317	161088GT	327
139709GT	117	147264GT	317	161162GT	45
139779GT	237	147265GT	315	161395GT	177
139781GT	239	147266GT	315	161396GT	177
139804GT	81	147274GT	315, 317	161448GT	325
139915GT	49	147275GT	315, 317	161456GT	363
139936GT	177	147276GT	317	161534GT	271, 273
139955GT	97	147277GT	315	161541GT	251
139957GT	103	147278GT	317	161542GT	251
139960GT	67	147280GT	315, 317	161543GT	325
139961GT	67	147281GT	315	161611GT	165, 185, 195
139966GT	47, 57	147355GT	163, 183	161717GT	121
139967GT	47, 57	147419GT	291	162063GT	131
139968GT	47, 57	147786GT	105	162206GT	141
139969GT	47, 57	147826GT	171, 181	162207GT	141
139970GT	47, 57	150103GT	221, 225, 229, 233, 241 245	162208GT	141
139971GT	47, 57	160355GT	319	162209GT	141
139972GT	47, 57	160356GT	319	214228GT	15, 141
139974GT	265	160358GT	315	214237GT	131
144161GT	77	160511GT	89	214249GT	363
145094GT	73	160516GT	21, 25	214335GT	175
146264GT	47	160526GT	349	214446GT	155
146478GT	261	160534GT	349	214682GT	137
147011GT	77	160540GT	155	214686GT	133
147017GT	77	160541GT	153	214846GT	125
147033GT	47, 57	160554GT	105, 111, 309	214932GT	21, 25, 35, 37
147034GT	47, 57	160681GT	107, 113	214933GT	31, 33, 43, 45
147041GT	331	160757GT	19, 23	215269GT	149
147042GT	331	160759GT	19, 23	215270GT	149
147043GT	331	160762GT	19, 23	215271GT	149
147044GT	331	160764GT	35, 37	215273GT	149
147067GT	65, 203	160766GT	35, 37	215274GT	15, 149
147071GT	73	160768GT	35, 37	215275GT	145
147090GT	81, 89	160770GT	35, 37	215276GT	151
147121GT	253, 257	160809GT	251	215277GT	151
147181GT	331	161028GT	363	215278GT	155
147183GT	331	161029GT	363	215279GT	149
147184GT	331	161030GT	363	215280GT	145
147223GT	67	161031GT	363	215281GT	145
147231GT	315, 317	161078GT	107, 113	215282GT	145

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
215283GT	145	216344GT	99	217823GT	145
215284GT	145	216367GT	153	217824GT	149
215285GT	145	216611GT	363	217877GT	133
215286GT	145	216612GT	363	217896GT	111
215287GT	15, 145	216615GT	363	217897GT	111
215288GT	149	216616GT	363	217898GT	111
215289GT	149	216617GT	363	217899GT	105
215290GT	149	216618GT	363	217900GT	105
215291GT	149	216645GT	363	217901GT	105
215297GT	145	216646GT	363	217902GT	107, 113
215298GT	149	216786GT	265	217903GT	107, 113
215299GT	145	216791GT	85, 93	217904GT	107, 113
215300GT	145	216793GT	85, 93	217930GT	133
215301GT	145	217187GT	179	217957GT	107, 113
215302GT	145	217190GT	49	218090GT	81, 93
215305GT	147	217191GT	49	218098GT	135
215307GT	149	217192GT	49	218121GT	271, 273
215308GT	145	217193GT	49	218127GT	271, 275
215309GT	147	217194GT	49	218165GT	83, 261, 263
215310GT	147	217195GT	49	218167GT	83
215311GT	149	217196GT	49	218221GT	119, 165
215313GT	149	217197GT	49	218445GT	261
215314GT	145	217198GT	49	218447GT	261
215316GT	157	217199GT	49	218449GT	77, 87, 95
215317GT	159	217226GT	165	218451GT	81
215320GT	153	217227GT	165	218452GT	81
215333GT	53, 351	217228GT	173	218454GT	107, 113
215472GT	179, 193	217430GT	99	218455GT	107, 113
215526GT	27, 29, 39, 41	217491GT	171	218466GT	77
215527GT	27, 29	217518GT	101	218506GT	107, 113
215528GT	155	217525GT	163, 173	218523GT	73
215593GT	141, 171, 187, 203	217526GT	53	218530GT	267
215776GT	153	217562GT	159	218549GT	31
216057GT	57	217682GT	179, 193	218550GT	33
216150GT	179, 193	217688GT	175	218551GT	31
216168GT	271	217703GT	179	218555GT	31, 33
216205GT	61	217712GT	175, 191	218557GT	21, 25, 27, 29
216339GT	107, 113	217744GT	131	218558GT	21, 25, 27, 29
216340GT	117	217782GT	107, 113	218559GT	31, 33
216341GT	125	217812GT	85	218561GT	21, 27, 35, 39
216342GT	285	217820GT	145	218562GT	25, 29, 37, 41
216343GT	119, 373	217822GT	151	218576GT	155

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
218668GT	153	219956GT	45	233992GT	323
218684GT	105, 111	219957GT	43, 45	233993GT	323
218685GT	105, 111	219958GT	43, 45	235642GT	61
218715GT	137	219976GT	133	235643GT	77
218752GT	163	219991GT	119, 123, 135, 143, 159, 165	235645GT	121
218753GT	163	219992GT	161	235648GT	51
218759GT	81, 89	219993GT	299	235649GT	203
218781GT	105, 111	220234GT	107, 113, 365	235654GT	117, 139, 187, 201
218790GT	73	220253GT	69	235659GT	153
219079GT	103	226393GT	307	235660GT	131, 161, 169, 175, 191
219158GT	353	227309GT	149	236248GT	129
219160GT	31, 33, 43, 45	227564GT	253, 257	236251GT	129, 137
219181GT	159, 165, 179, 193	227614GT	299	236259GT	141
219241GT	363	227617GT	105, 111, 253, 257	236260GT	15, 141
219305GT	107, 113	227988GT	153	236278GT	273
219350GT	67	228848GT	323	236338GT	155
219353GT	125, 143, 189, 203	228849GT	323	236339GT	161
219425GT	273	229567GT	81, 83, 91, 261, 263	236340GT	157
219436GT	277	229691GT	165	236364GT	161
219437GT	131, 137, 157	229697GT	165	236373GT	151
219477GT	157	229698GT	173	236420GT	159
219484GT	25, 29	230820GT	191	236421GT	161
219485GT	21, 25	230836GT	157	236422GT	159
219486GT	21, 25	230849GT	47, 57	236423GT	157
219487GT	33	231037GT	273	237146GT	153
219488GT	21, 25, 35, 37, 39, 41	231087GT	193	237188GT	127, 131
219621GT	133	231513GT	153	237189GT	143
219668GT	117	231529GT	165, 173	237190GT	139
219672GT	105, 111	231533GT	155	237194GT	131
219673GT	107, 113	231570GT	315	237235GT	271, 273
219681GT	105, 111	231597GT	103	237236GT	271, 273
219684GT	109, 115, 309	231601GT	97	237238GT	131, 157
219685GT	107, 113, 309	232081GT	53	237385GT	161, 169
219718GT	91	232090GT	51	237566GT	51
219841GT	325, 327	232092GT	61	237568GT	49
219848GT	73	232871GT	153, 161	237569GT	47
219950GT	35, 37, 39, 41	232874GT	161	237610GT	51
219951GT	35, 37, 39, 41	233481GT	49	237688GT	209, 213
219952GT	35, 37	233482GT	49	237703GT	53
219953GT	43	233715GT	249	237711GT	363
219954GT	45	233716GT	241	237731GT	101
219955GT	43	233745GT	241, 249	237780GT	157

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
237790GT	65	824051GT	65	824133GT	159, 173
237832GT	137, 163	824052GT	65	824135GT	163
237856GT	157	824053GT	261	824141GT	163, 173
237857GT	157	824059GT	93, 237, 239	824142GT	125
237912GT	49	824060GT	47, 51, 53, 57, 61, 97...	824144GT	163
237913GT	49	824061GT	57, 99	824145GT	155
237914GT	49	824062GT	143, 187, 203	824151GT	223, 227, 231, 235,
237915GT	49	824063GT	99, 227, 235, 285	245	223, 227, 231, 235,
238199GT	67	824064GT	201	824164GT	245
238345GT	63	824065GT	317	824206GT	267
238388GT	67	824067GT	67, 77, 103, 217, 219	824207GT	347, 379
822004GT	27, 29	824068GT	67, 221, 225, 229, 233	824209GT	203
822047GT	107, 113	824069GT	353	824214GT	85, 93, 101
822049GT	107, 113	824070GT	355, 359	824215GT	69, 75, 97, 103, 141
822111GT	143	824077GT	249	824216GT	65, 355, 359
822131GT	27, 29	824078GT	73, 81, 85, 89, 97,	824220GT	191, 193
822513GT	109, 115	824079GT	103, 69, 99, 123, 157,	824227GT	309, 333, 337, 341,
822606GT	131	824080GT	165	245	71
822708GT	93	824081GT	119, 141, 171, 193,	824471GT	71
822759GT	333, 337, 341, 345	824082GT	209, 213, 221, 227,	824507GT	181
822764GT	333, 337	824083GT	279	824673GT	141
822768GT	333, 337, 341, 345	824085GT	53, 377	824872GT	71
822769GT	333, 337, 341, 345	824086GT	155, 159, 309	824874GT	71
822771GT	337, 345	824087GT	69, 193, 375	825019GT	53, 61, 217, 219, 221,
822781GT	97	824088GT	153, 195, 249	279	355, 359
822793GT	97	824089GT	69, 117, 139, 153, 187,	825020GT	267
822855GT	157	824090GT	195	825349GT	307, 369
823488GT	27, 29	824091GT	53, 65, 73, 265, 371	825352GT	213
823766GT	31	824092GT	61, 69, 77, 99, 119,	825353GT	123, 125, 169
823817GT	99	824093GT	135	825355GT	87, 95, 221, 225, 229,
824019GT	101	824094GT	77, 119, 141, 187, 209,	279	89
824023GT	99	824095GT	213	825522GT	89
824024GT	57, 249	824104GT	249	825523GT	89
824025GT	101, 103, 141, 187,	824109GT	47	825579GT	21, 25
824027GT	255, 259	824110GT	47, 51	825708GT	127
824028GT	53, 63, 65, 87, 95, 97...	824111GT	67, 99, 211, 215, 217,	825796GT	47, 51
824029GT	97, 103, 119, 159, 173,	824113GT	219	826000GT	139
824031GT	193	824119GT	207	826008GT	125, 135
824032GT	53, 61, 65, 77, 99,	824120GT	51, 53, 57, 61, 99,	826171GT	65, 203, 363
824033GT	119	824122GT	175	826345GT	21, 25
824034GT	101	824124GT	97, 103	826418GT	19, 23
824035GT	85, 93, 267	824126GT	131, 159, 169, 191,	826422GT	19, 23
824036GT	67, 215, 323, 341, 345	824128GT	253	826516GT	141, 187, 203
824037GT	63, 123, 171	824130GT	355, 359	826779GT	279
824038GT	65	824132GT	223, 227, 231, 331	826793GT	101, 103, 241, 249,
			53	285	
			53, 349		
			159, 191		

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
826856GT	185	1253490GT	119, 165	1256182GT	47, 57, 65, 139, 185, 201
1251499GT	97	1253498GT	135, 157, 193, 207, 217 219	1256231GT	237, 241
1251500GT	97	1253750GT	17	1256267GT	207, 217, 219
1251501GT	97	1254594GT	127, 131	1256283GT	119, 123, 133, 139, 159 165
1251502GT	97	1254668GT	49	1256350GT	285
1251503GT	97	1254804GT	261	1256378GT	367
1251504GT	97, 99	1254826GT	123	1256380GT	367
1251505GT	97, 99	1255030GT	109, 115	1256389GT	367
1251506GT	99	1255395GT	141	1256400FRGT	367
1251507GT	99	1255396GT	141	1256400GT	367
1251508GT	99	1255399GT	141	1256439GT	367
1251509GT	99	1255400GT	141	1256450GT	123, 125
1251510GT	97	1255452GT	53, 139, 185, 201, 217, 219	1256457GT	125
1251565GT	47, 51	1255469GT	61, 125, 155	1256460GT	253, 257
1251567GT	285	1255537GT	137	1256468GT	195, 353
1251600GT	255, 259, 313, 323, 353 377	1255555GT	109, 115	1256469GT	101
1251757GT	71, 263, 267	1255646GT	315, 317	1256479GT	131, 133, 159, 165, 169 179
1251814GT	183, 199	1255653GT	123	1256481GT	367
1251815GT	185	1255663GT	105, 111	1256599GT	137
1251816GT	185	1255666GT	125, 135, 155	1256670GT	283
1251818GT	185	1255753GT	265	1256679GT	203
1251819GT	185, 199	1255757GT	101, 103	1256693GT	53, 61
1251899GT	125	1255758GT	67, 73, 77, 99, 141, 187	1256756GT	201
1251983GT	121, 137, 155, 157	1255760GT	197	1256776GT	119, 139, 195
1251984GT	89	1255763GT	201	1256803GT	239, 249
1251985GT	91	1255778GT	107, 113	1256842GT	141
1251994GT	195	1255779GT	107, 113	1256844GT	207, 213
1251995GT	185	1255780GT	107, 113	1256847GT	221, 225, 331
1251996GT	185	1255781GT	107, 113	1256848GT	77, 155
1251997GT	65, 157, 193, 197, 203, 349	1255805GT	69, 117, 131, 137, 153, 161	1256851GT	119, 123, 135, 139, 159 165
1252684GT	89, 91	1255894GT	133	1256853GT	125, 143, 189, 203
1252685GT	91	1256106GT	119, 123, 133, 139, 165	1256855GT	195, 211, 215, 255, 259 265
1252940GT	183, 199	1256108GT	331	1256856GT	61, 63, 367
1252941GT	177, 183	1256109GT	67, 211, 215, 217, 219, 221	1256857GT	47, 51
1252942GT	183, 199	1256118GT	99, 229, 233	1256859GT	369
1252943GT	183, 199	1256119GT	349	1256863GT	241, 249, 313
1252944GT	183	1256127GT	227, 235, 245	1256922GT	221, 225, 229
1253185GT	63, 131, 133, 161, 165, 169	1256165GT	137	1257076GT	63, 123, 169
1253478GT	245	1256170GT	65	1257077GT	63
1253485GT	63, 351, 355, 359	1256171GT	87, 95	1257078GT	47, 57
1253487GT	193	1256177GT	209, 215	1257229GT	139, 185, 201
1253489GT	263	1256180GT	245	1257231GT	137

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
1257248GT	253, 257	1261021GT	367	1263232GT	65
1257249GT	253, 257	1261023GT	367	1263233GT	87
1257296GT	263	1261025GT	367	1264101GT	119, 133, 173, 315,
1257390GT	63, 263	1261184GT	353, 369	1264261GT	379, 65, 69, 75, 97, 103,
1257402GT	267	1261292GT	333, 337	1264282GT	141
1257404GT	265	1261296GT	105, 111	1264293GT	373
1257421GT	125, 135	1261298GT	109, 115	1264294GT	373
1257458GT	241, 249	1261844GT	109, 115	1264307GT	21, 25
1257481GT	155	1262308GT	131	1264348GT	131
1257486GT	159	1262312GT	105, 111	1264497GT	373
1257704GT	171, 173	1262313GT	105, 111	1264498GT	373
1257705GT	165	1262314GT	105, 111, 333, 337	1264499GT	373
1257707GT	173	1262315GT	105, 111	1264894GT	145
1257733GT	13	1262324GT	131	1264934GT	369
1257776GT	173	1262633GT	217, 219	1264947GT	201
1257810GT	165	1262643GT	105, 111	1265481GT	225, 233
1257825GT	175	1262866GT	15, 129	1265738GT	137
1257837GT	165, 173	1262867GT	15, 129	1266019GT	21, 25
1257838GT	131	1262868GT	127	1267746GT	253, 257
1257961GT	141	1262870GT	127	1267747GT	255, 259
1258567GT	13	1262871GT	127	1267807GT	117, 141, 187, 203
1259102GT	139	1262872GT	127	1268229GT	117, 141, 187, 203
1259328GT	335, 337	1262873GT	129	1268368GT	57
1259329GT	335, 339, 343, 347	1262875GT	127	1268375GT	349
1259374GT	117	1262876GT	129	1268947GT	99
1259375GT	117	1262877GT	129	1268957GT	309
1259441GT	137	1262878GT	129	1269497GT	263, 265
1259443GT	315, 317	1262881GT	127	1269498GT	265
1259654GT	127	1262882GT	127	1269499GT	269
1259660GT	129	1262883GT	127	1269501GT	269
1259681GT	207	Ref.	127	1269693GT	315, 317
1259704GT	375	1262892GT	127	1269694GT	315
1259717GT	127	1262893GT	129	1270313GT	379
1259857GT	65	1262894GT	127, 129	1270314GT	379
1260194GT	267	1262895GT	127	1270316GT	379
1260372GT	139, 185, 201	1262896GT	127	1270433GT	67
1260394GT	49	1262897GT	127	1270570GT	375
1260395GT	49	1262899GT	129	1270571GT	375
1260892GT	367	1263056GT	217, 219	1270909GT	107, 113
1260910GT	367	1263057GT	217, 219	1271061GT	379
1260940GT	207	1263070GT	119, 165	1271124GT	101, 109, 115
1261019GT	367	1263142GT	65	1271458GT	101

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
1271652GT	15, 73	1278119GT	369	1283574GT	149
1271713GT	269	1278121GT	369	1283575GT	149
1271770GT	71	1278124GT	369	1283776GT	13
1271771GT	75	1278138GT	369	1283800GT	265
1271772GT	71, 73	1278144GT	371	1283880GT	347
1271773GT	71, 73	1278363GT	371	1283971GT	107, 113, 127
1272129GT	47, 57	1278368GT	369	1284548GT	191
1272242GT	27, 39	1278416GT	369	1284549GT	191
1272303GT	251	1278433GT	369	1285222GT	195
1272307GT	255, 259	1278455GT	369	1285230GT	315, 317
1272624GT	127	1278458GT	369	1285505GT	285
1272680GT	97	1278542GT	369	1285506GT	287
1272691GT	99	1278629GT	343, 347	1285689GT	109, 115
1272705GT	67	1278707GT	13	1285700GT	379
1272726GT	101	1278708GT	13	1285811GT	109, 115
1272909GT	109, 115	1278709GT	13	1285850GT	369
1273205GT	241, 249	1278982GT	371	1286193GT	273
1273207GT	47, 57	1279135GT	369	1286315GT	193
1273590GT	363	1279140GT	251	1286316GT	191
1273697GT	71	1279141GT	251	1286546GT	193
1273698GT	71	1279142GT	251	1287089GT	195
1274168GT	211, 215, 229, 233	1279143GT	251	1287119GT	195
1274170GT	193	1279271GT	181	1287236GT	157
1274192GT	71	1279631GT	129	1288291GT	135
1274322GT	69, 209, 211, 213, 239, 373	1279653GT	129	1288532GT	125
1274538GT	73	1279765GT	375	1290338-1594GT	321
1274539GT	73	1280402GT	175	1290343-4750GT	289
1274645GT	341, 345	1280665GT	77	1290359-3121GT	289
1274858GT	251	1280819GT	21, 25	1290360-8328GT	299
1274969GT	269	1280820GT	21, 25	1290361-5828GT	295, 297, 299
1274971GT	269	1281785GT	107, 113	1294827GT	159
1274972GT	269	1282118GT	137	9990184GT	47, 57
1277873GT	369	1282119GT	137	T106699GT	85, 93
1277875GT	369	1282120GT	137	T107520GT	81, 89
1277876GT	369	1282122GT	137	T107725GT	89
1277877GT	369	1282820GT	199	T107827GT	203
1277924GT	69, 211, 215, 323, 369, 377	1283181GT	191	T107883GT	245
1277952GT	375	1283182GT	199	T107884GT	243, 247
1277966GT	375	1283279GT	199	T108075GT	241, 247
1277974GT	127	1283571GT	149	T112560GT	263
1277991GT	153	1283572GT	149	T112561GT	263
1278111GT	369	1283573GT	149	T112626GT	269

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
T112773GT	31, 33, 43, 45				
T114627GT	105, 111, 309				

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California Proposition 65



WARNING

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

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

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

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

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