Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

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

from SN 4525F-58605

Part No. 1263376GT
Rev: A.09
June 2024

Technical Publications

Genie has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

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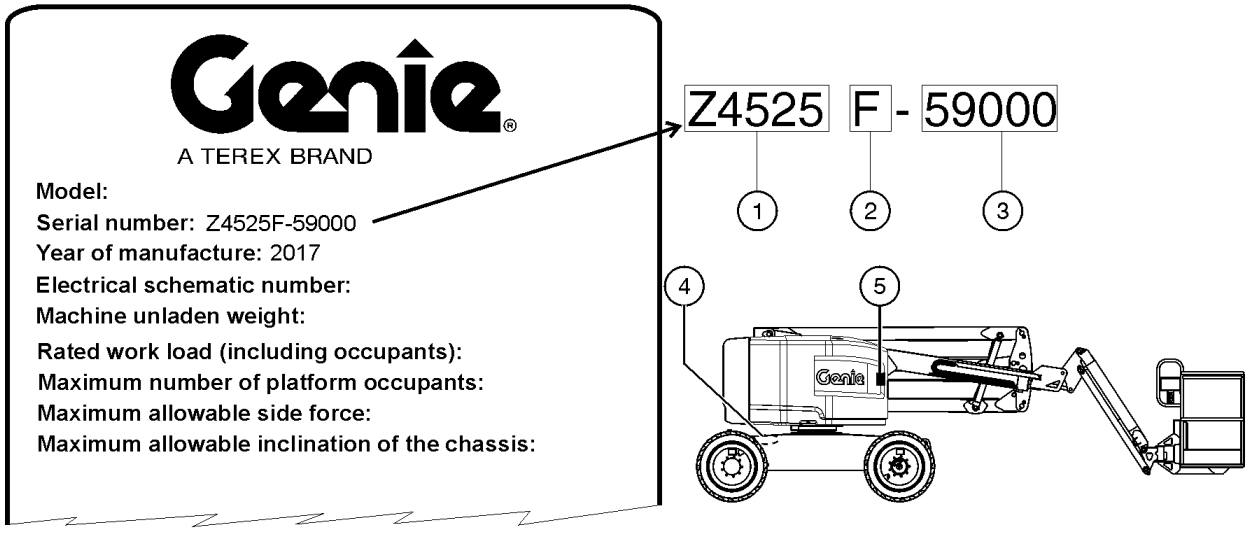
Use the links to locate Operator's, Parts, Maintenance, and Service and Repair Manuals.

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Printed on recycled paper



1 Model
2 Facility code
3 Sequence number

4 Serial number (stamped on chassis)
5 Serial label (located under cover)

How to Order Parts

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

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

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

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

Machine Information

_____

Model

_____

Serial Number

_____

Date of Purchase

_____

Authorized Genie Distributor

_____

Phone Number

North America

Telephone (425)881-1800

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

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

http://genielift.com/en

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

http://genielift.co.uk

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

http://genielift.com.sg/

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

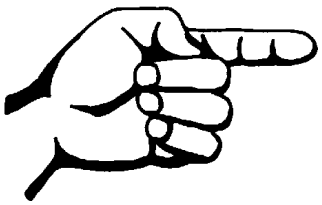
http://genielift.com.au

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

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



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TEREX CORPORATION

Service Parts Fax Order Form

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

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

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

Optional Equipment _____

Part Number	Description	Quantity	Price

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

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

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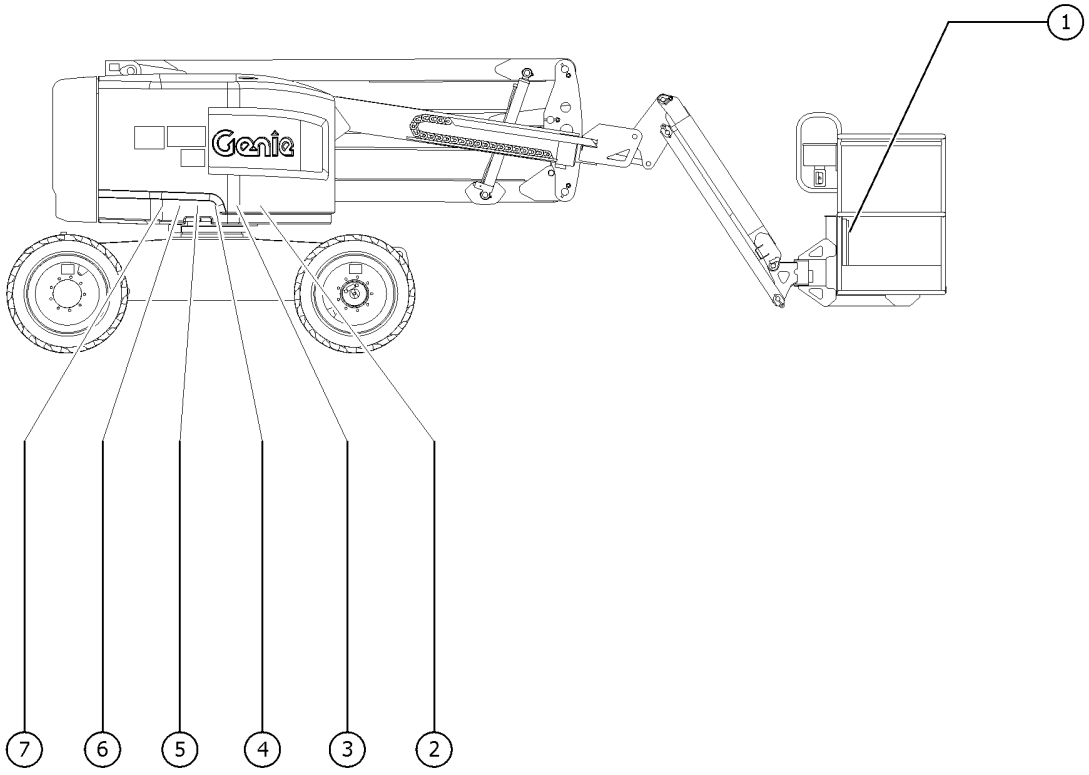
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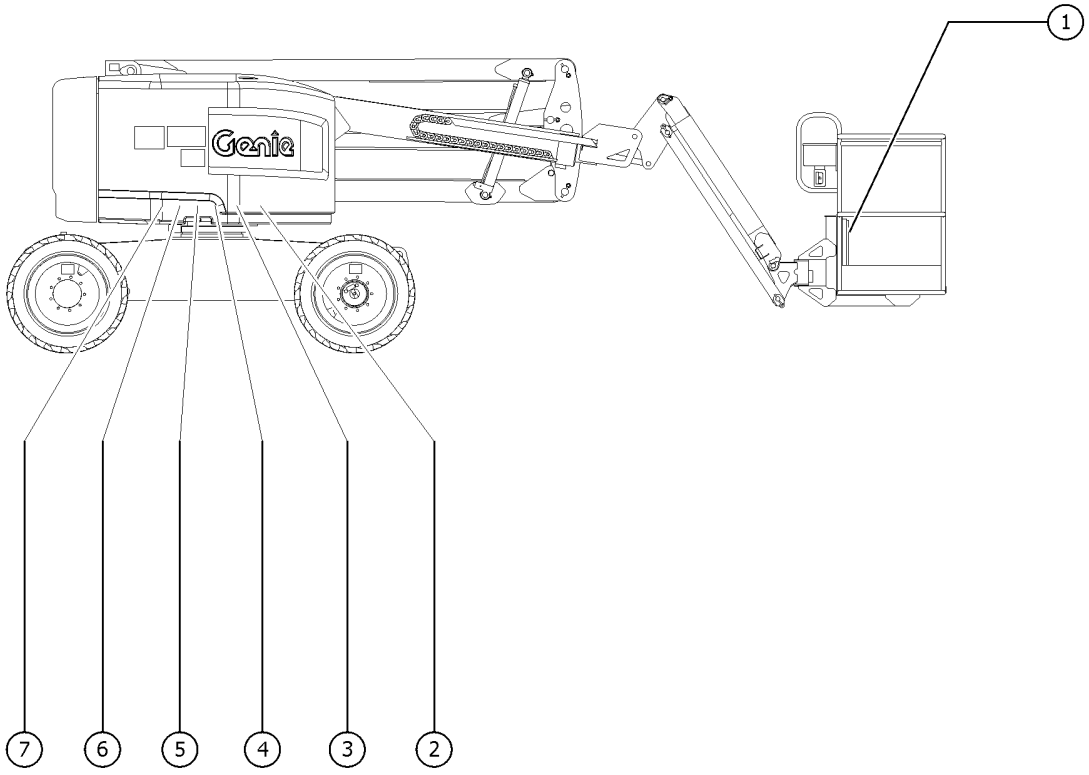
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001.1 Parts Stocking List



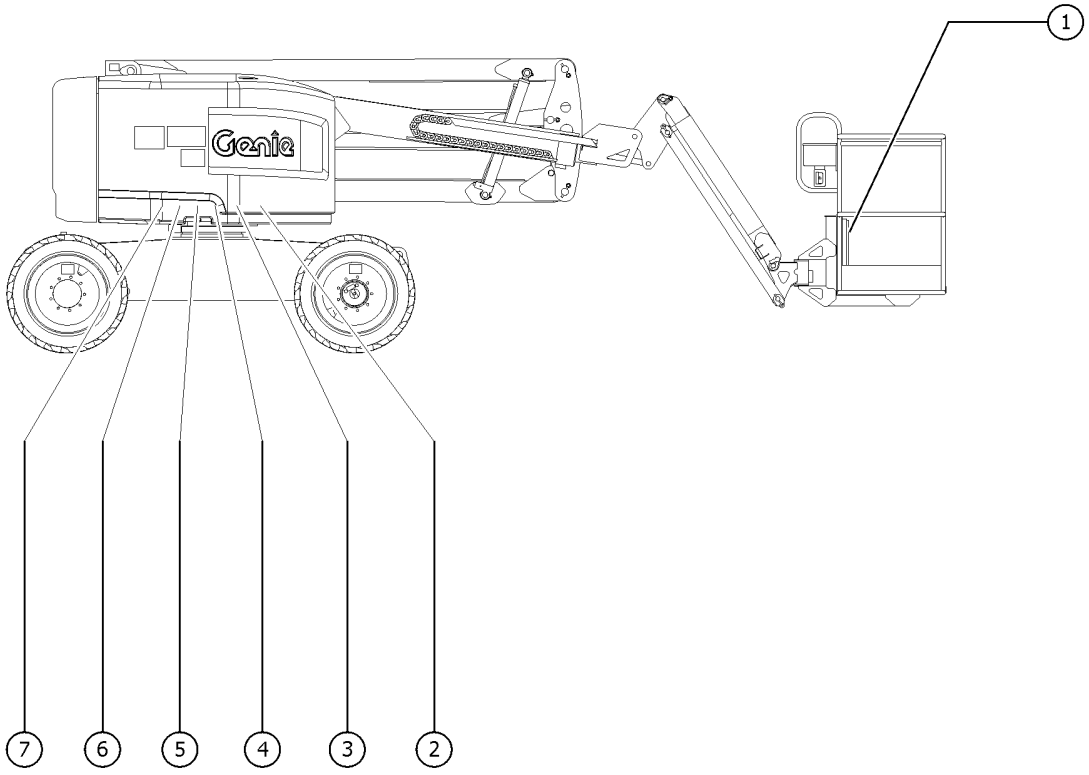
Item	Part No.	Description	Qty.
A		— INSPECTION SERVICE KITS —	
A-	1278707GT	KIT,ANNUAL INSPECTION,Z45/25IC (includes 1268229, 60857,and 77353)	
A-	1278708GT	KIT,ENGINE SERVICE,250 HOUR,DEUTZ D2.9,,Z45/S40/S60/Z62/RT90 Deutz D2.9L4 Models, (includes 49924, 62420, 214228 and 236260)	
A-	1278709GT	KIT,ENGINE SERVICE,250 HOUR,FDMSG425,Z45/S40/S60/Z62/RT90 Ford MSG425 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 (1GL)** 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, SAFTY MANNAL	
1-	1298933GT	MANUAL, SAIA MANUAL OF RESPONSIBILITIES, MEWP	
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



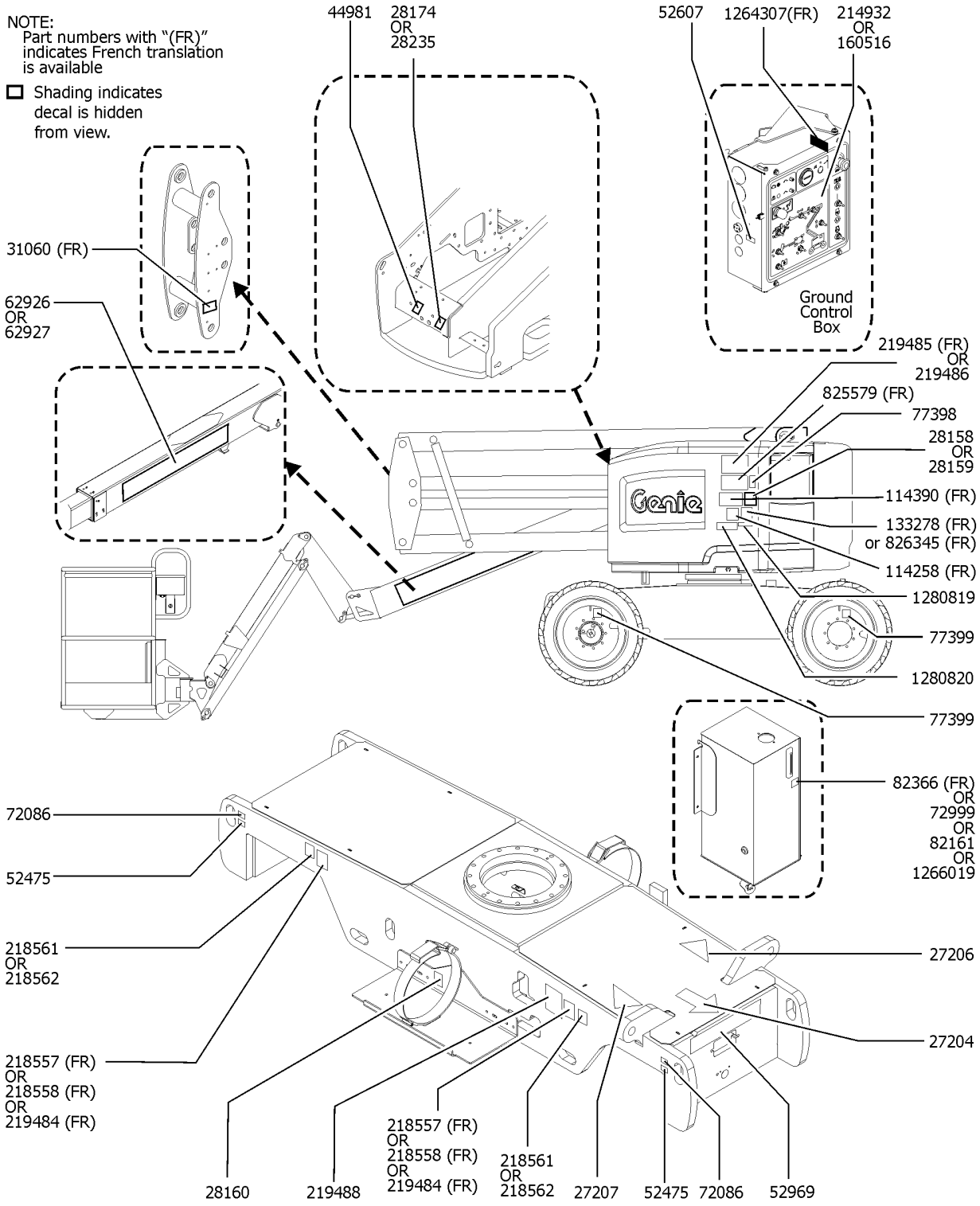
Item	Part No.	Description	Qty.
3-	49924GT	FILTER,OIL,DEUTZ	
3-	32698GT	BELT	
4		— DEUTZ D2.9L4 MODELS —	
4-	62420GT	FILTER, AIR D2.9L4	
4-	214228GT	FILTER, DEUTZ 2.9, FUEL	
4-	236260GT	FILTER, FUEL PRE-FILTER, SPIN-ON, DEUTZ	
4-	49924GT	FILTER,OIL,DEUTZ	
4-	1262866GT	FAN BELT, ALTERANTOR	
4-	1262867GT	V-BELT, DEUTZ	
5		— FORD MSG-425 EFI MODELS —	
5-	1272019GT	FILTER, FUEL	1
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 D2.9L4	
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 D2.9L4	
7-	94762GT	OIL FILTER - PERKINS	
7-	62433GT	FILTER,ELEMENT,30 MIC,75020	
7-	1262484GT	FUEL FILTER ASSY,PERKINS 404D/	
7-	62421GT	FILTER,FUEL,PERKINS	

001.1 Parts Stocking List



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

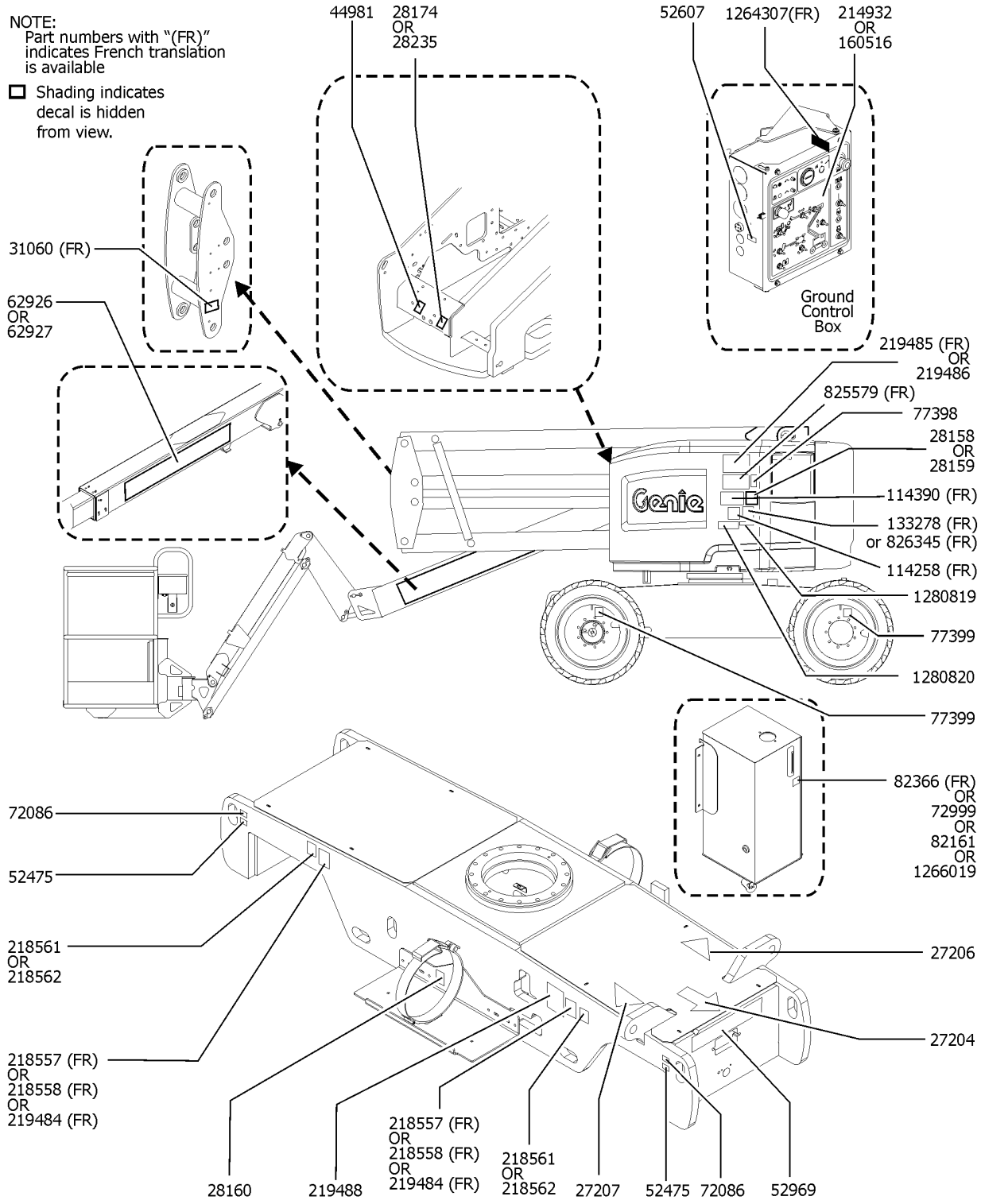
101.1 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia, Z-45/25



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

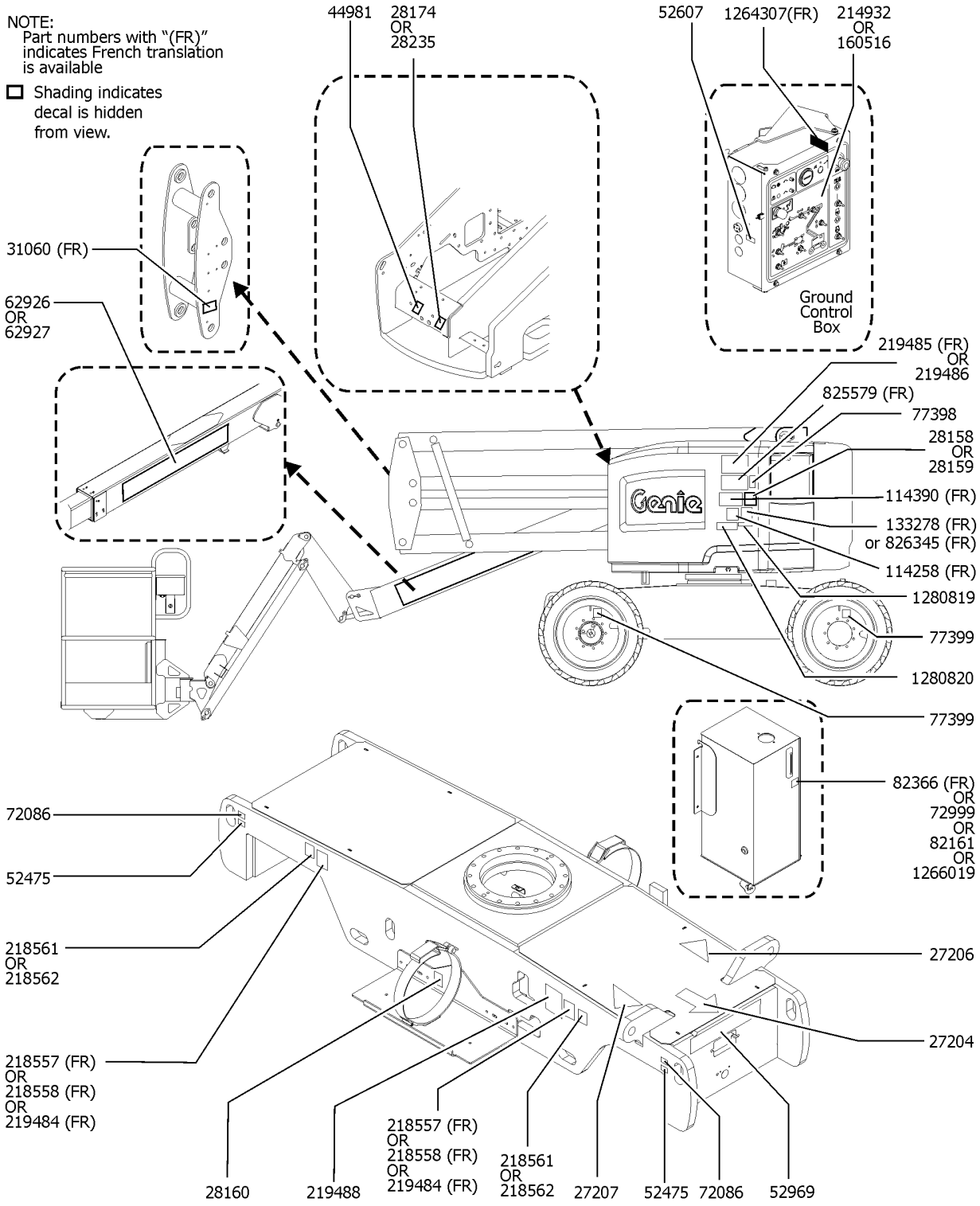
101.1 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia, Z-45/25



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

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

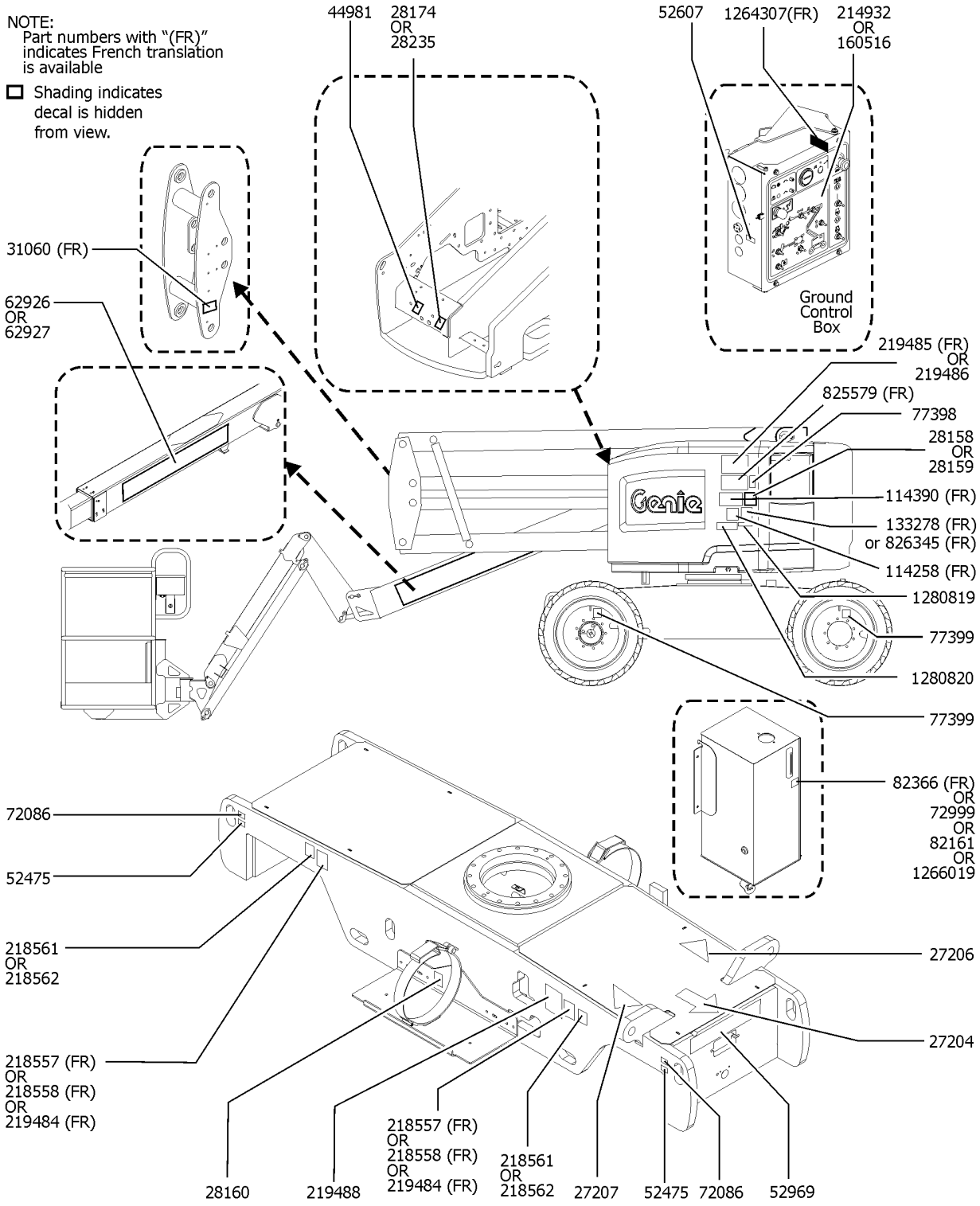
101.2 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia, Z-45/25J



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

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
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

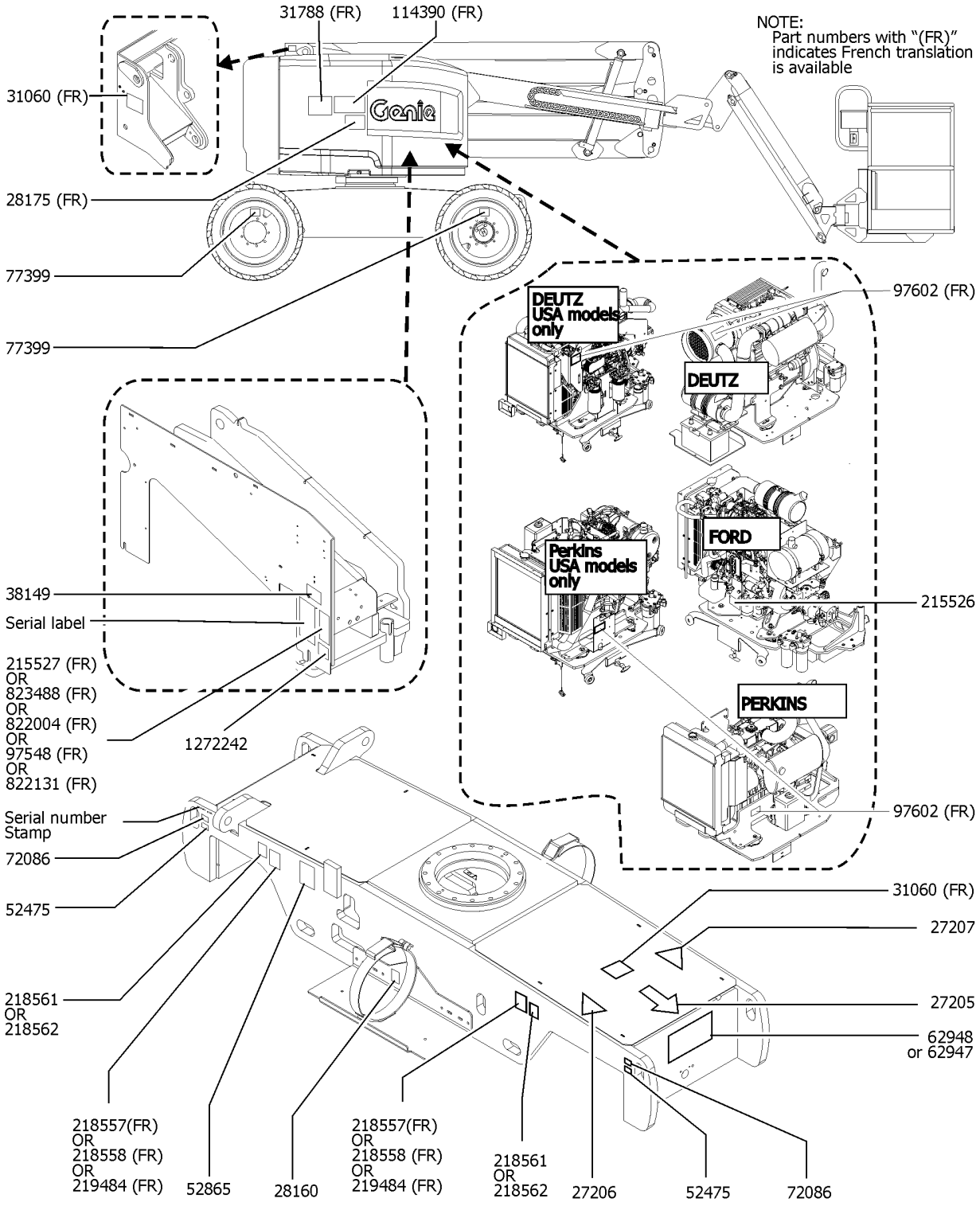
101.2 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia, Z-45/25J



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

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

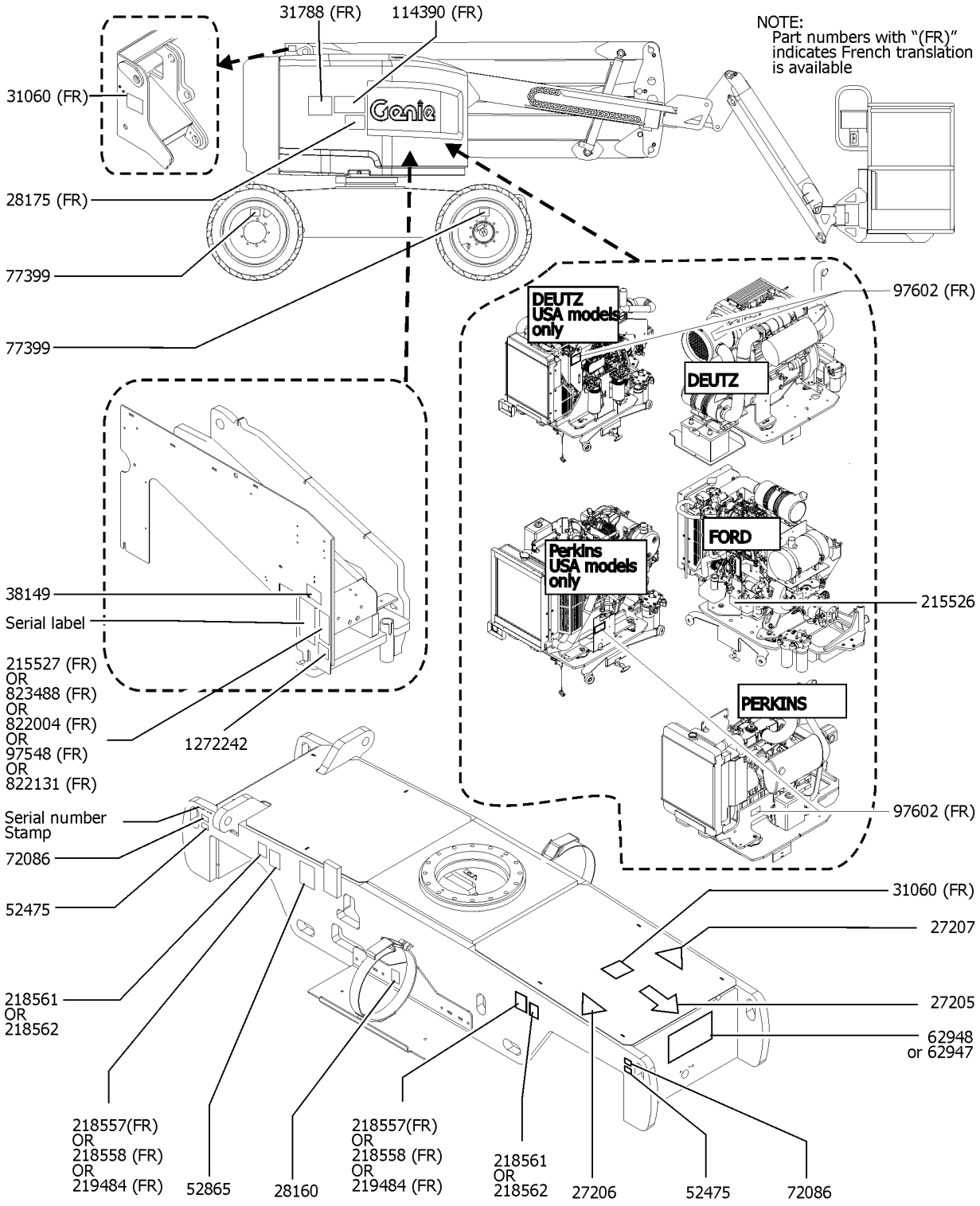
102.1 Decals with Words, Engine Side, ANSI, CSA, Australia, Z-45/25



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

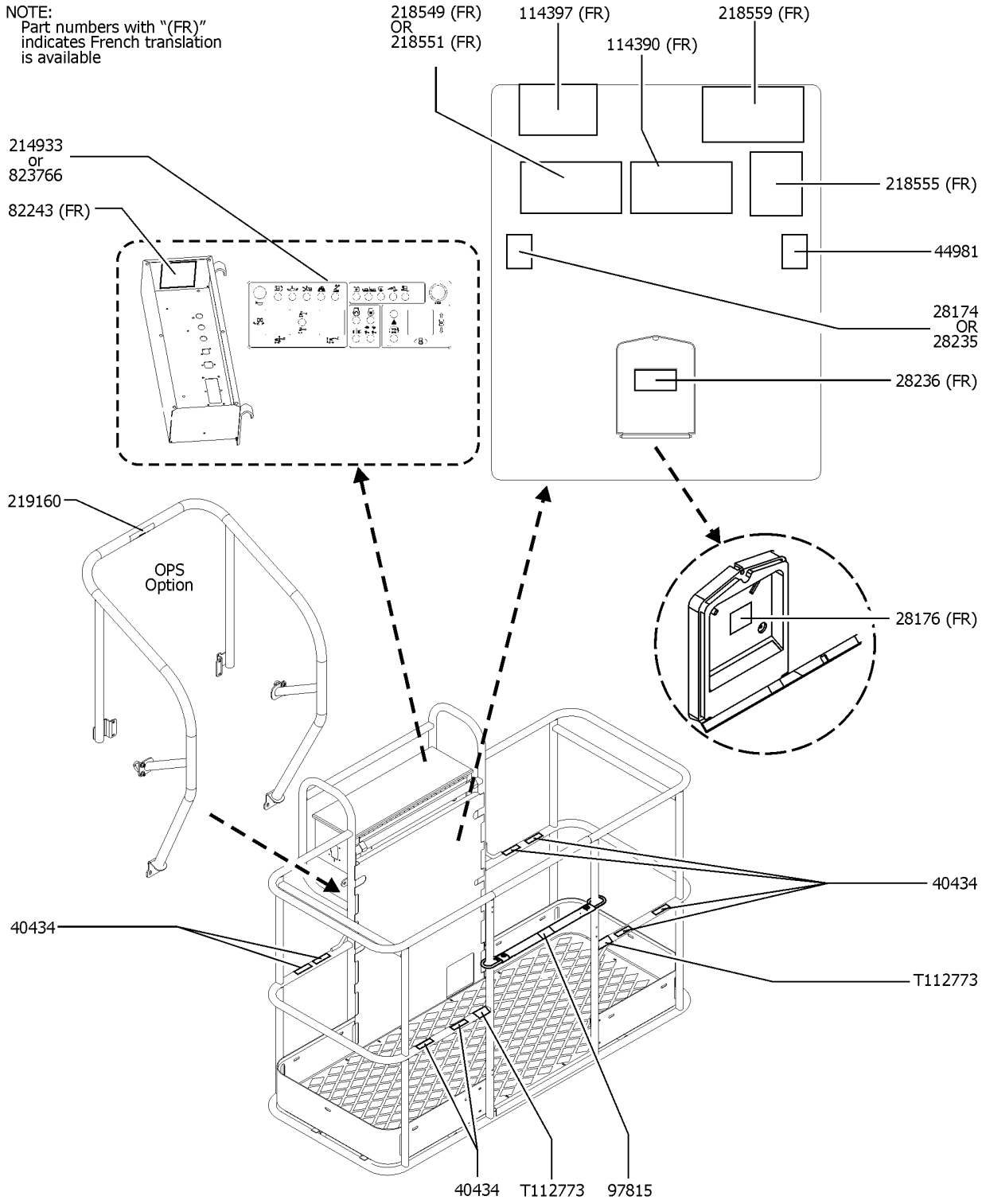
102.2 Decals with Words, Engine Side, ANSI, CSA, Australia, Z-45/25J



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

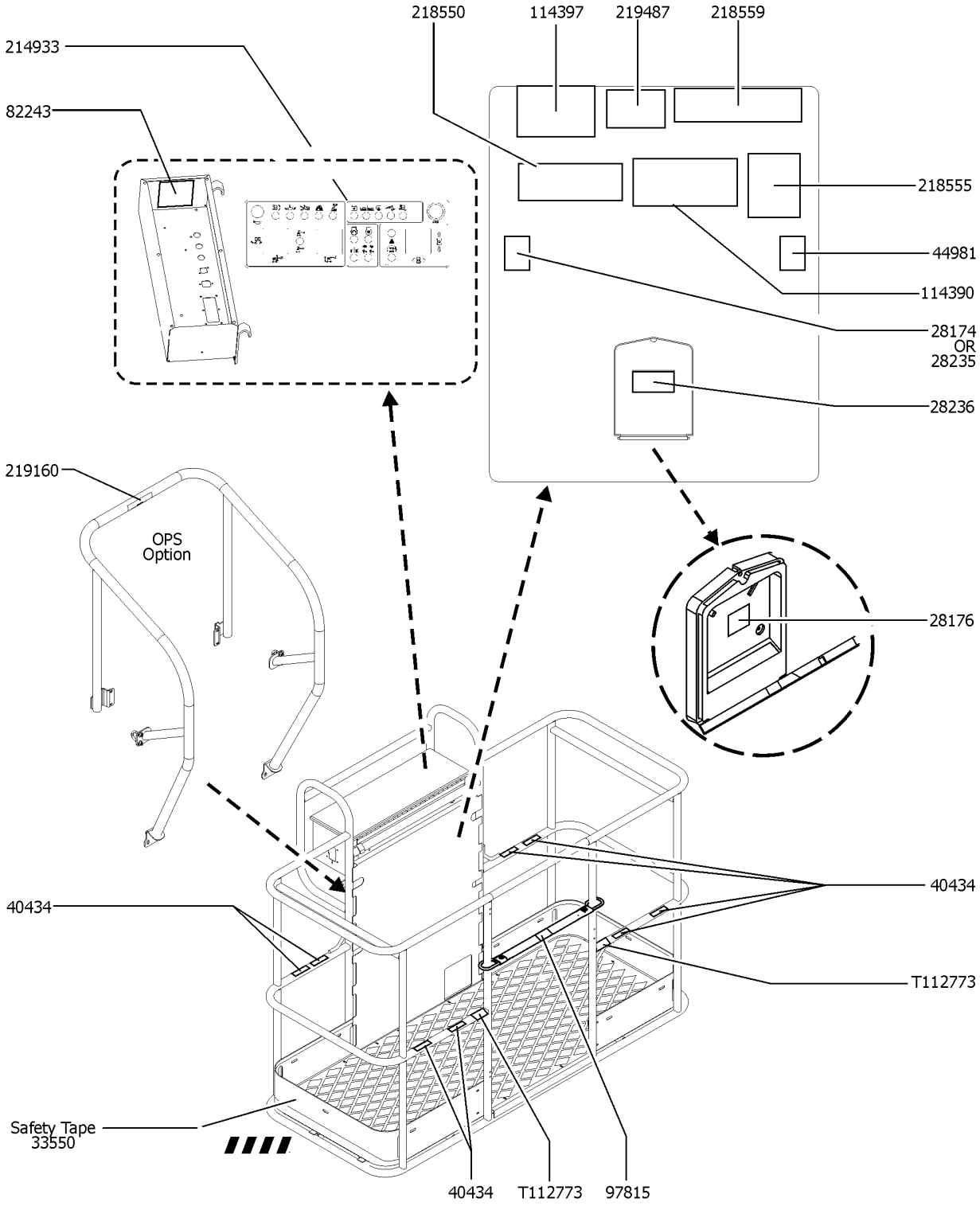
Item	Part No.	Description	Qty.
1		Ref. Word Decal Kits (refer to 101.1)	
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	1
4	27207GT	DECAL,TRIANGLE,YELLOW	1
5	28160GT	DECAL,LABEL,LIQUID PROPANE	1
6	28175GT	DECAL,WARNING-COMPART ACCESS	1
7	38149GT	DECAL,LABEL,PATENTS (ANSI only)	1
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



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 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

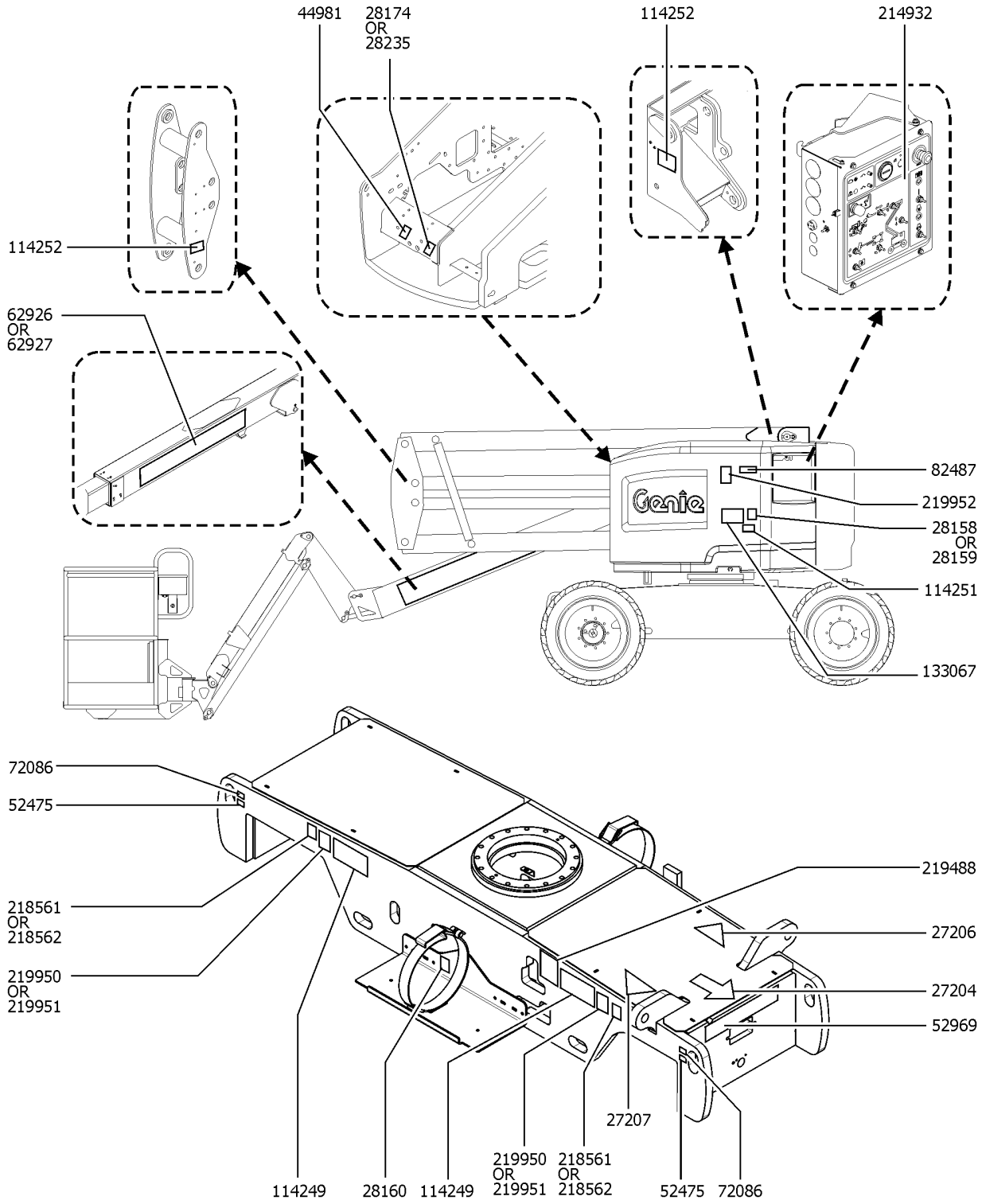
104.1 Decals with Words, Platform, Australia



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 iInstalled at base of platform toeboard for Australian market)	1 roll
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 models with round hourmeter	1
13	218550GT	DECAL,DANGER,CAP,AUS WORD (AUS only)	1
14	218555GT	DECAL,WARNING,RUNAWAY MACHINE	1
15	218559GT	DECAL,DANGER/WARNING COMBO	1
16	219160GT	DECAL, INSTRUCTION, OPS option	1
17	219487GT	DECAL,PLATFORM OVERLOAD (AUS only)	1
18	T112773GT	TAPE, PROTECTIVE MASK	2

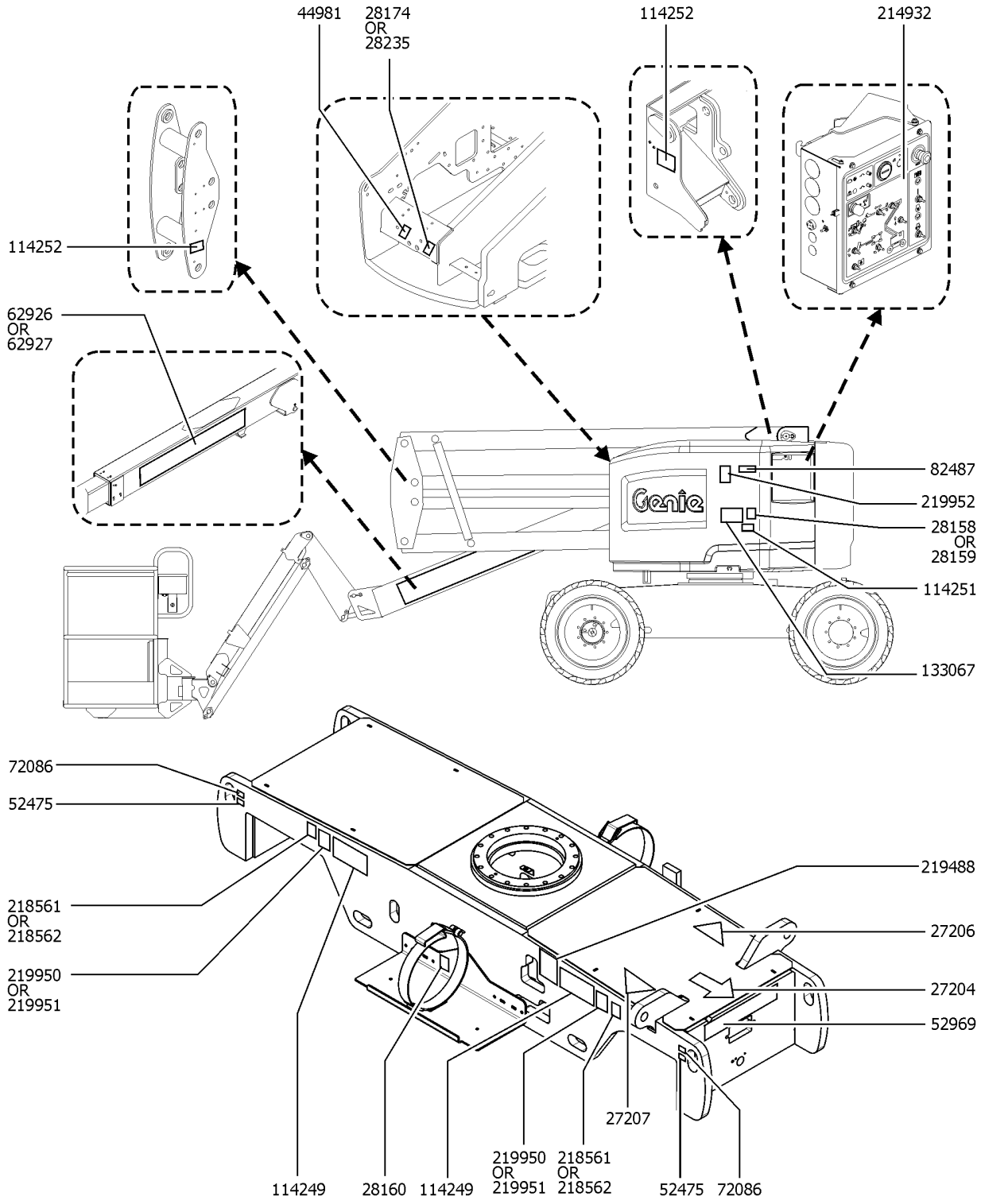
105.1 Decals with Symbols, Hydraulic Tank Side, ANSI and CE, Z-45/25



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&Z51 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

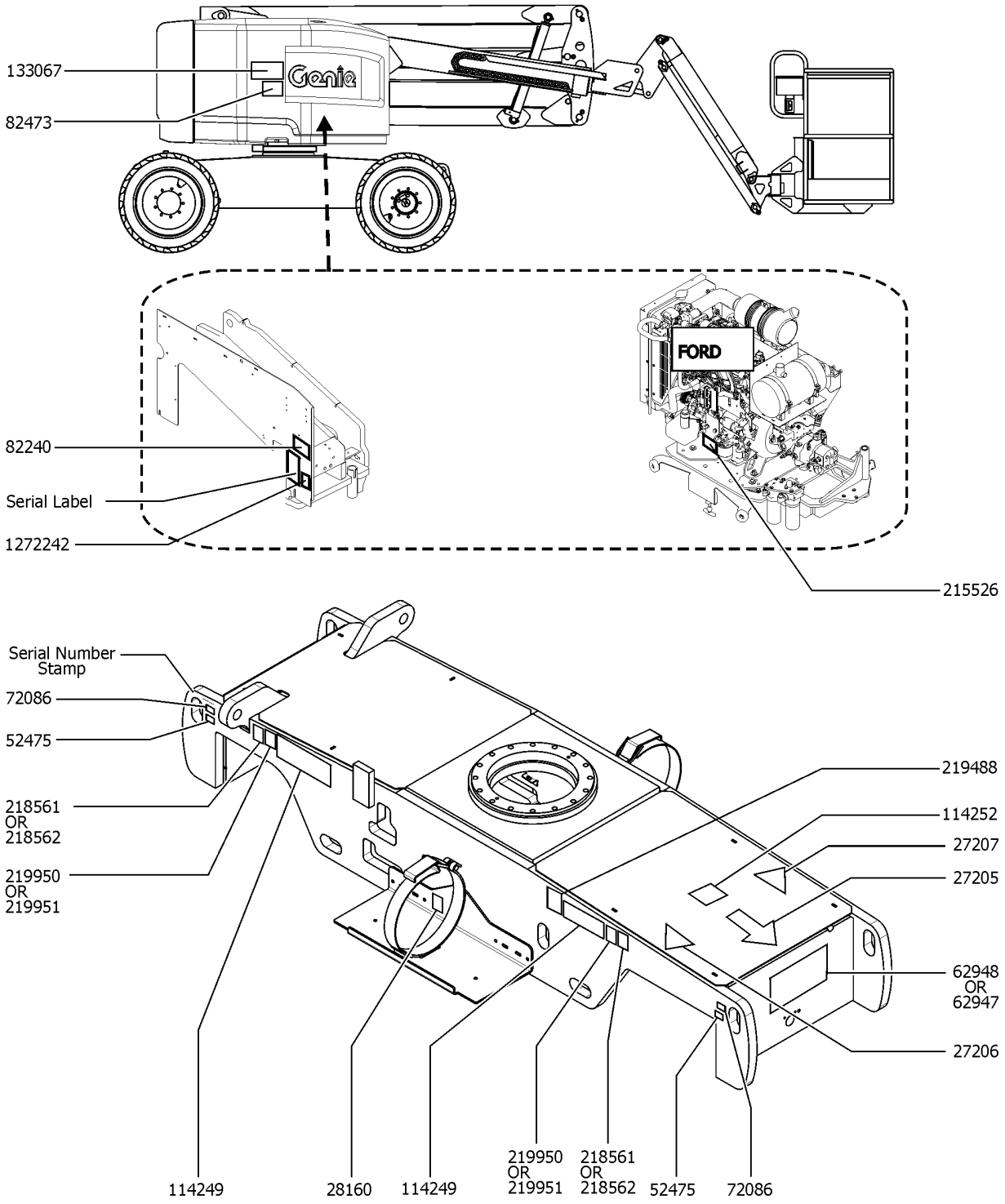
105.2 Decals with Symbols, Hydraulic Tank Side, ANSI and CE, Z-45/25J



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&Z51 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

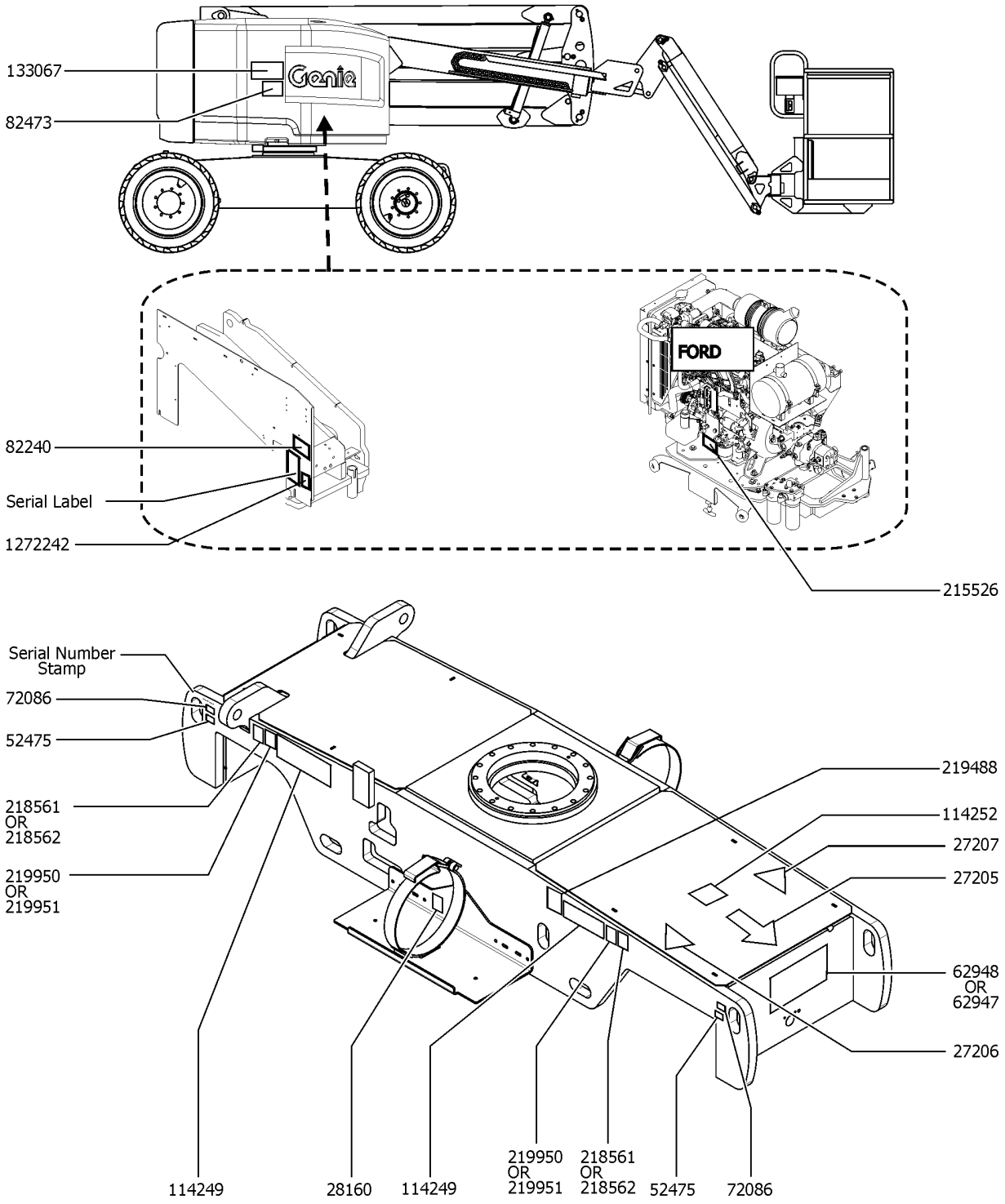
106.1 Decals with Symbols, Engine Side, ANSI and CE, Z-45/25



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

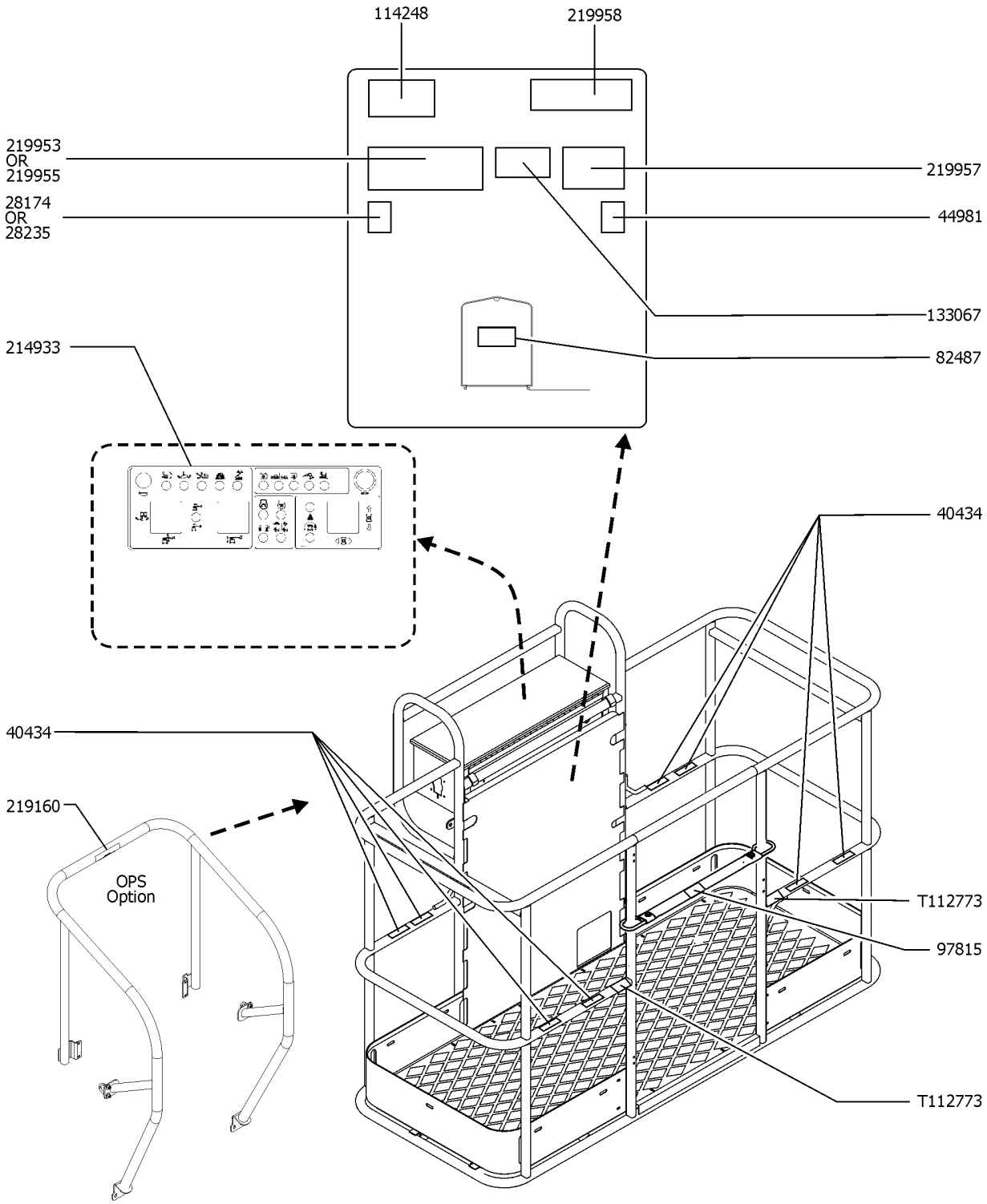
106.2 Decals with Symbols, Engine Side, ANSI and CE, Z-45/25J



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

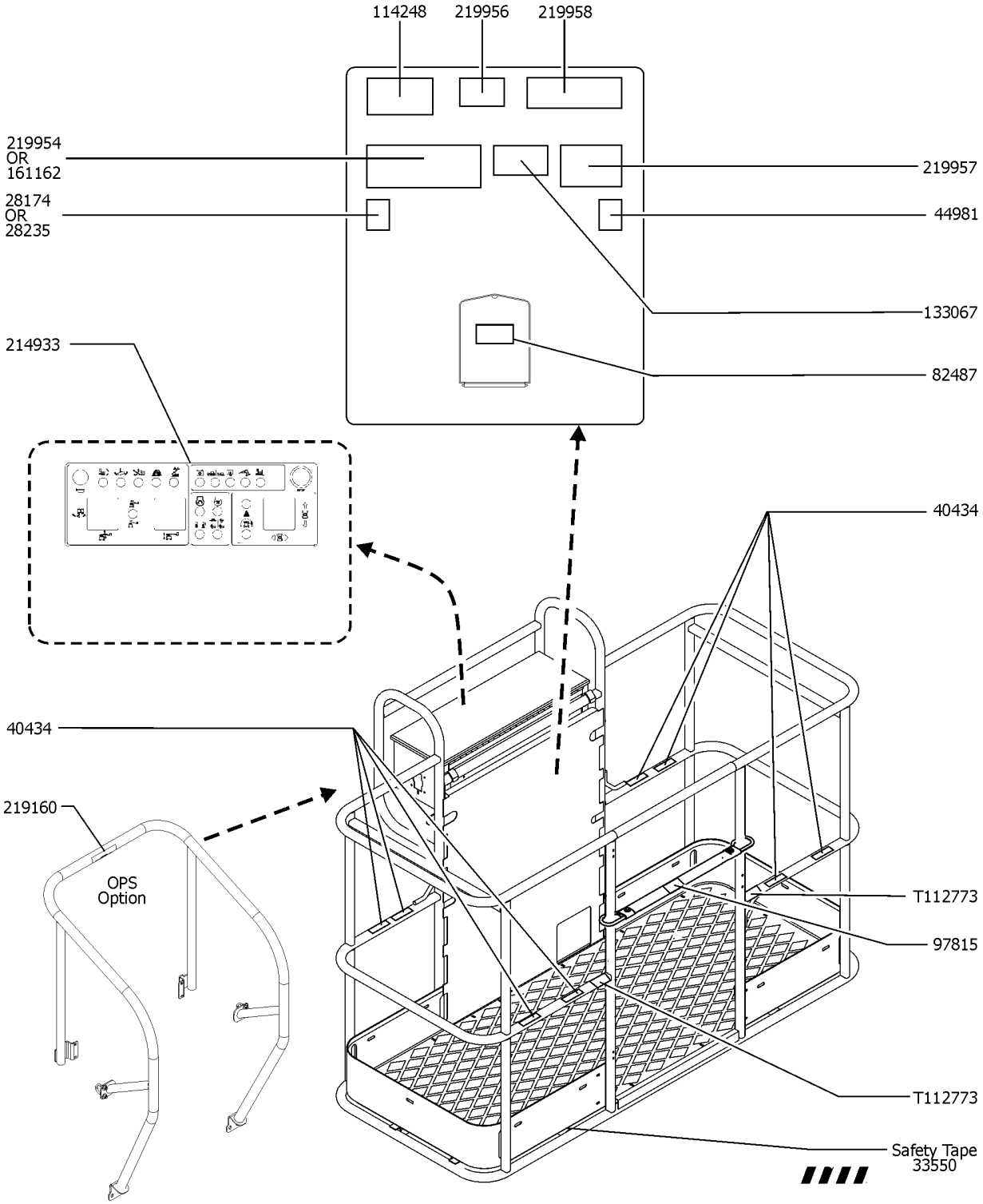
Item	*Part No.*	*Description*	*Qty.*
A-		Ref. Symbol Decal Kits (refer to 105.1)	
1	27205GT	DECAL,ARROW YELLOW LRG 9"	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28160GT	DECAL,LABEL,LIQUID PROPANE	1
5	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
6	62947GT	DECAL,COSMETIC,IC POWER 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



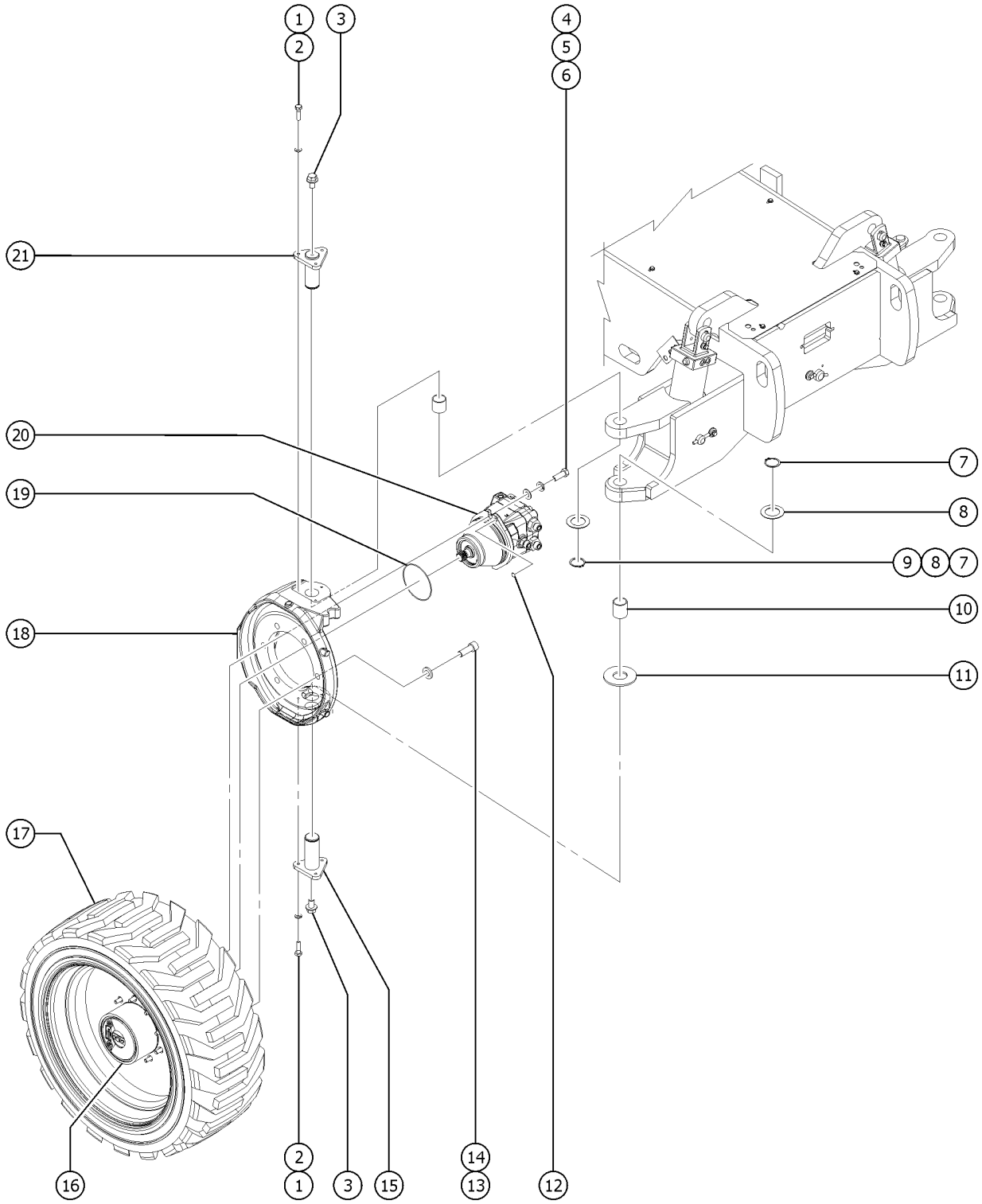
Item	*Part No.*	*Description*	*Qty.*
A-		Ref. Symbol Decal Kits (refer to 105.1)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	1
2	28235GT	DECAL,POWER TO PLATFORM 115V	1
3	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
4	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
5	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
6	97815GT	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



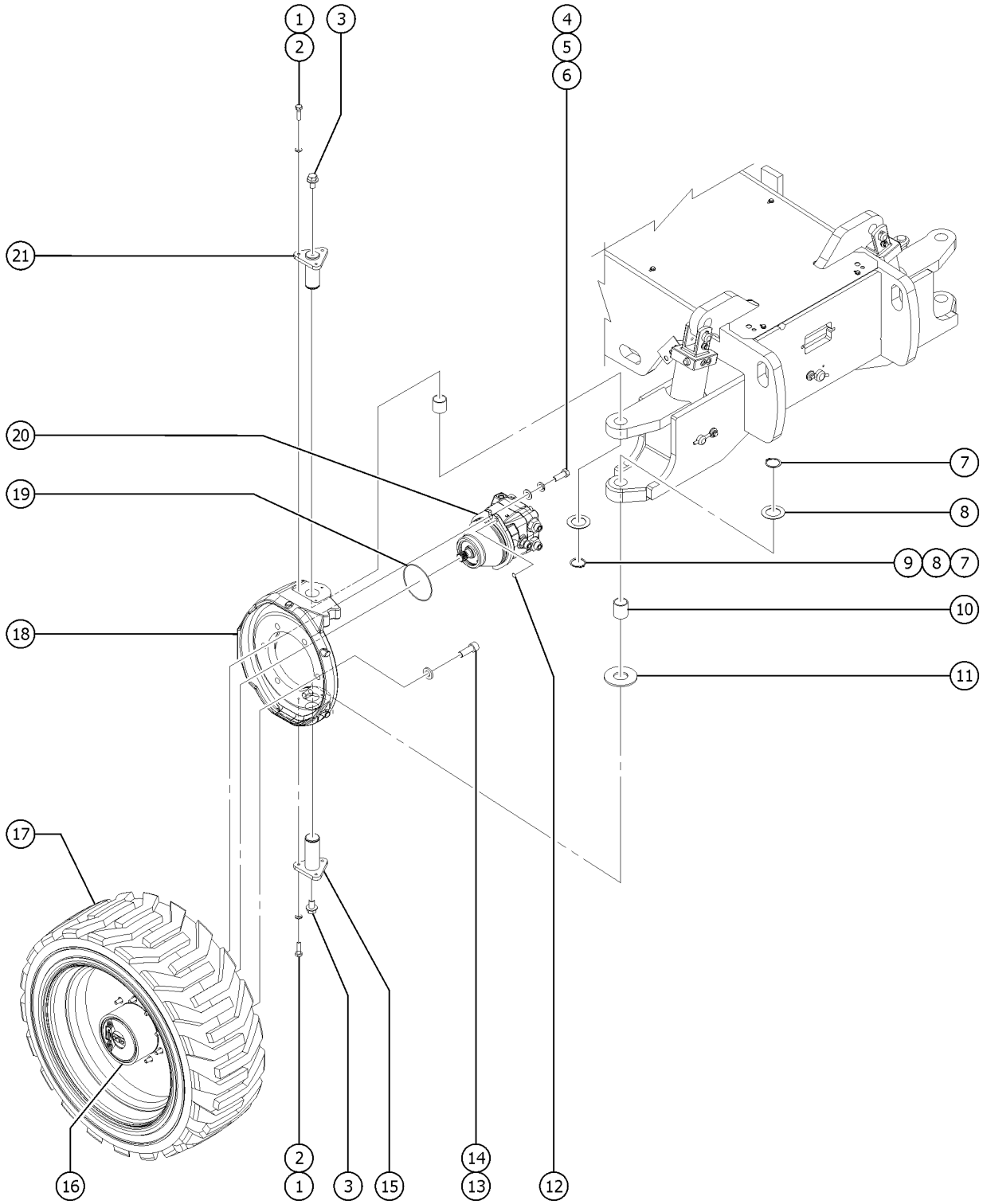
Item	Part No.	Description	Qty.
A-		Ref. Symbol Decal Kits (refer to 105.1)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	1
2	28235GT	DECAL,POWER TO PLATFORM 115V	1
3	33550GT	TAPE,WARNING,BLK/YEL, 50'*** (sold by the roll. 648" per roll) (Required to be iInstalled at base of platform toeboard for CE market)	1 roll
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



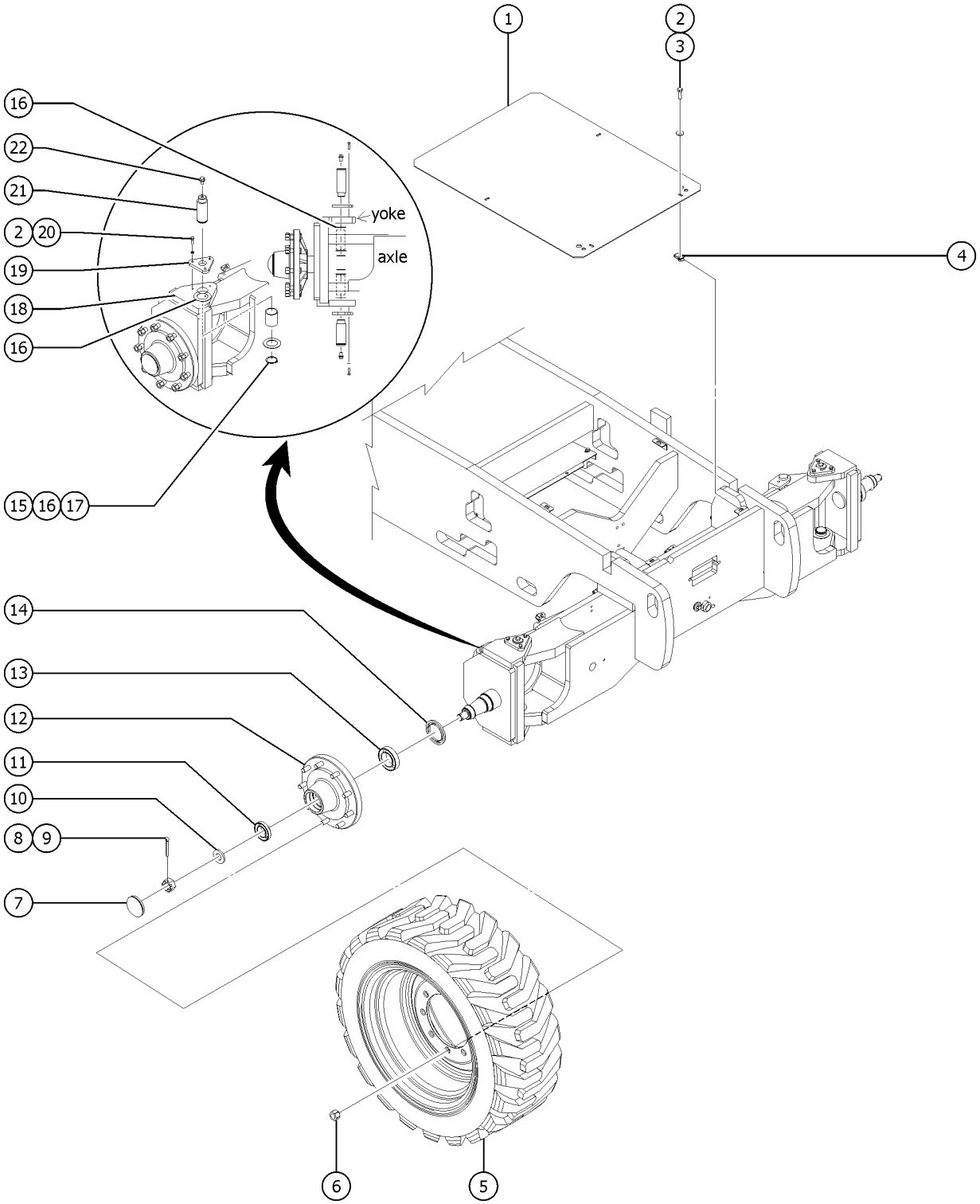
Item	Part No.	Description	Qty.
1	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	12
2	824109GT	WASHER, LOCK, 1/4, ZAG	12
3	1256857GT	SCREW,HHF,3/8-16X.625,8,ZAG	4
4	1273207GT	SCREW,HHC,7/16-14X1.5,8,ZAG	4
5	1272129GT	WASHER,LOCK,7/16,ZAG	4
6	1257078GT	WASHER, .469 X .768 HRD, ZAG	4
7	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	4
8	1251565GT	WASHER,SHIM,1.56X2.5X.061,ZAG	4
9	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	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) for 139330	
16-	139966GT	ROD,DISCONNECT,OMNI*** for 139330	
16-	139967GT	CAP,DISENGAGE,OMNI*** for 139330	
16-	139968GT	O-RING,END COVER,OMNI*** for 139330	
16-	139969GT	LINING KIT,BRAKE,OMNI*** for 139330	
16-	139970GT	SEAL KIT,BRAKE,OMNI*** for 139330	
16-	139971GT	BEARING KIT,OMNI*** for 139330	
16-	139972GT	SEAL KIT,GEARBOX,OMNI*** for 139330	
16-	147033GT	O-RING,PIPE PLUG KIT,OMNI*** for 139330	
16-	147034GT	PIPE PLUG KIT,OMNI*** for 139330	
16-	230849GT	WHEEL STUD,5/8-18X67MM for 139330	
16B	77674GT	NUT,HEX,FLANGE 5/8-18,GRD 8 ZI for 230849	

201.1 Steer-end Wheels and Hubs, 4WD Models



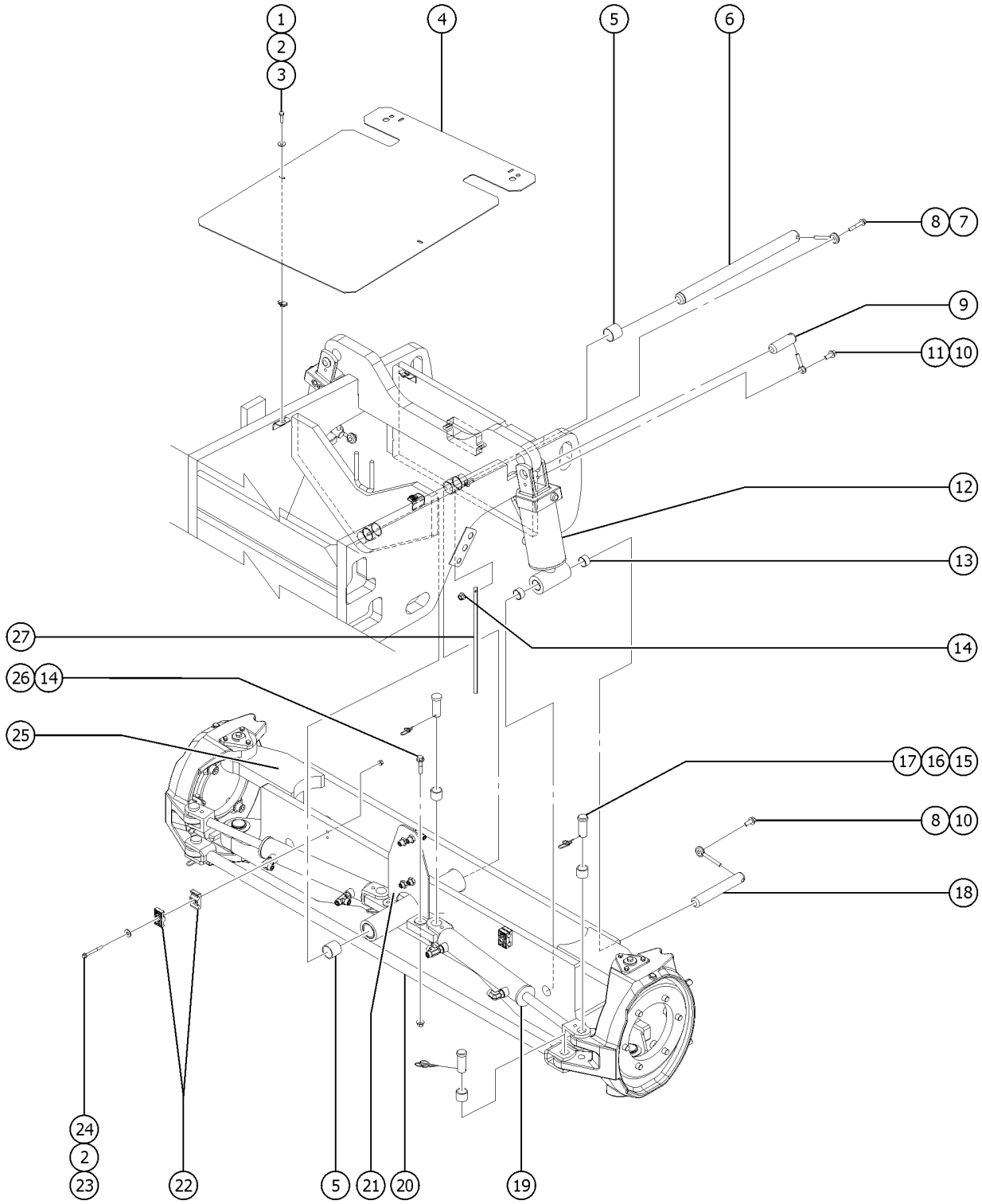
Item	Part No.	Description	Qty.
17A	110725GT	TIRE/WHEEL ASSY,HF W/SEALANT Turf with sealant	4
17B	73923GT	TIRE & WHEEL ASSY.,FLOTATION High Float	1
17B-	73924GT	WHEEL, 19.5X14.00 for 73923	
17B-	73925GT	TIRE,33/16LL500,10PLY LITEFOOT for 73923	
17C	237912GT	TIRE/WHEEL ASSY,RT AIR,LEFT RT, Air-filled, 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	2
20	101586GT	MOTOR, PISTON, 25CC, 6.5 DEG, 13T	2
20-	106098GT	SEAL KIT,MOTOR,LC/KC***	
21	237568GT	WELDMENT, PIN, 1.5INX3.2IN LG	1

202.1 Steer-end Wheels and Hubs, 2WD Models



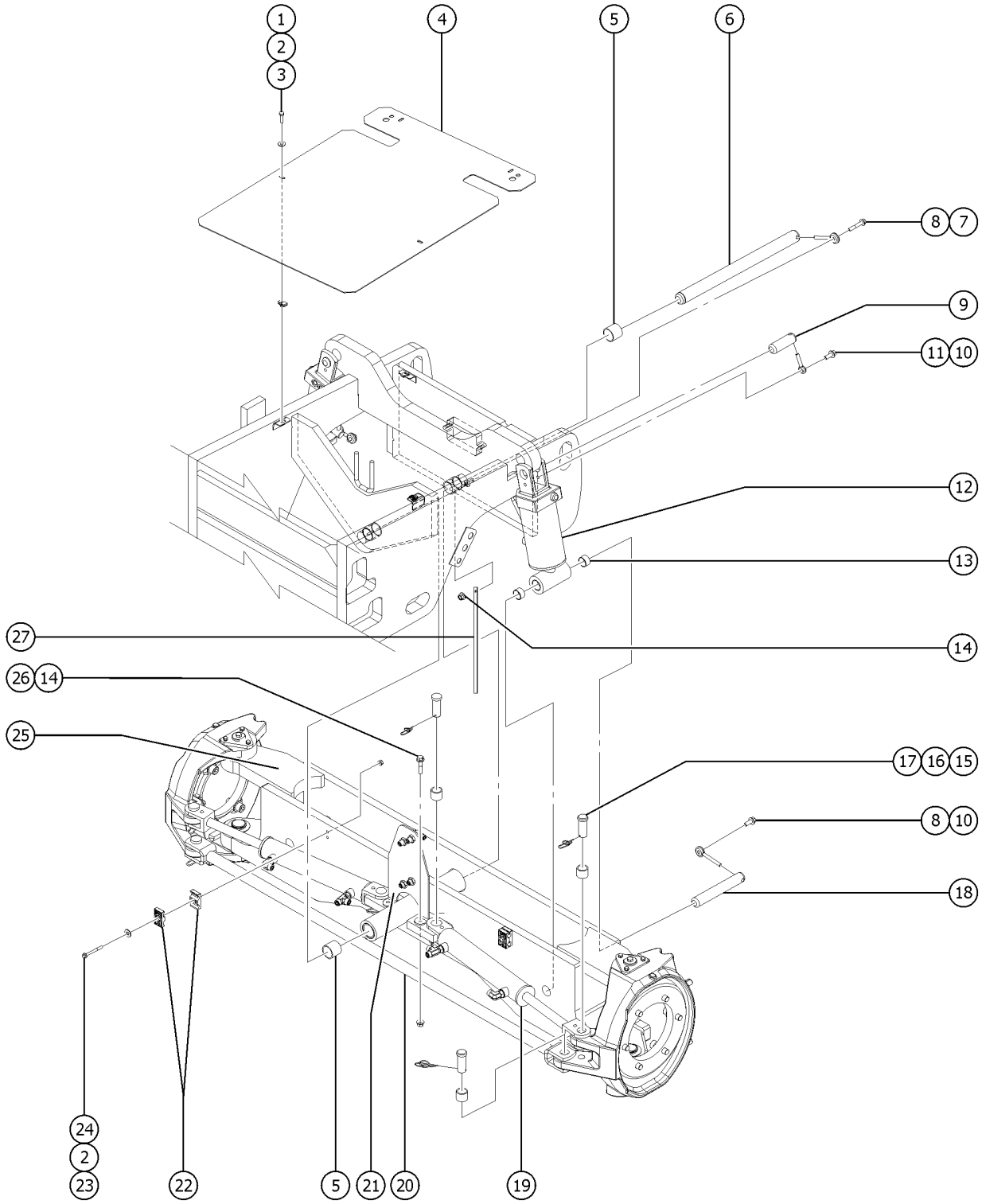
Item	Part No.	Description	Qty.
1	50770GT	COVER,DR CHASSIS FRONT,NON-OSC	1
2	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	16
3	824113GT	WASHER,FLAT,USS,1/4,ZAG	4
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
5		Ref.WHEEL & TIRE ASSY (refer to 201.1)	
6	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
7	54959GT	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*** (includes items 7, 11, 13, 14)	2
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,1.56X2.5X.061,ZAG	4
17	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	4
18A	232090GT	WELDMENT, YOKE (right side, shown, does not inclued bearings)	1
18B	235648GT	WELDMENT,YOKE (left side, does not include bearing)	1
18C	25817GT	BEARING,1.00IDX1.25ODX1.00L order separately; qty. 2 required per yoke	
19		PLATE, YOKE PIN for service replacement use pin 237568GT (3.2 inch long pin) and 237569GT (3.6 inch long 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



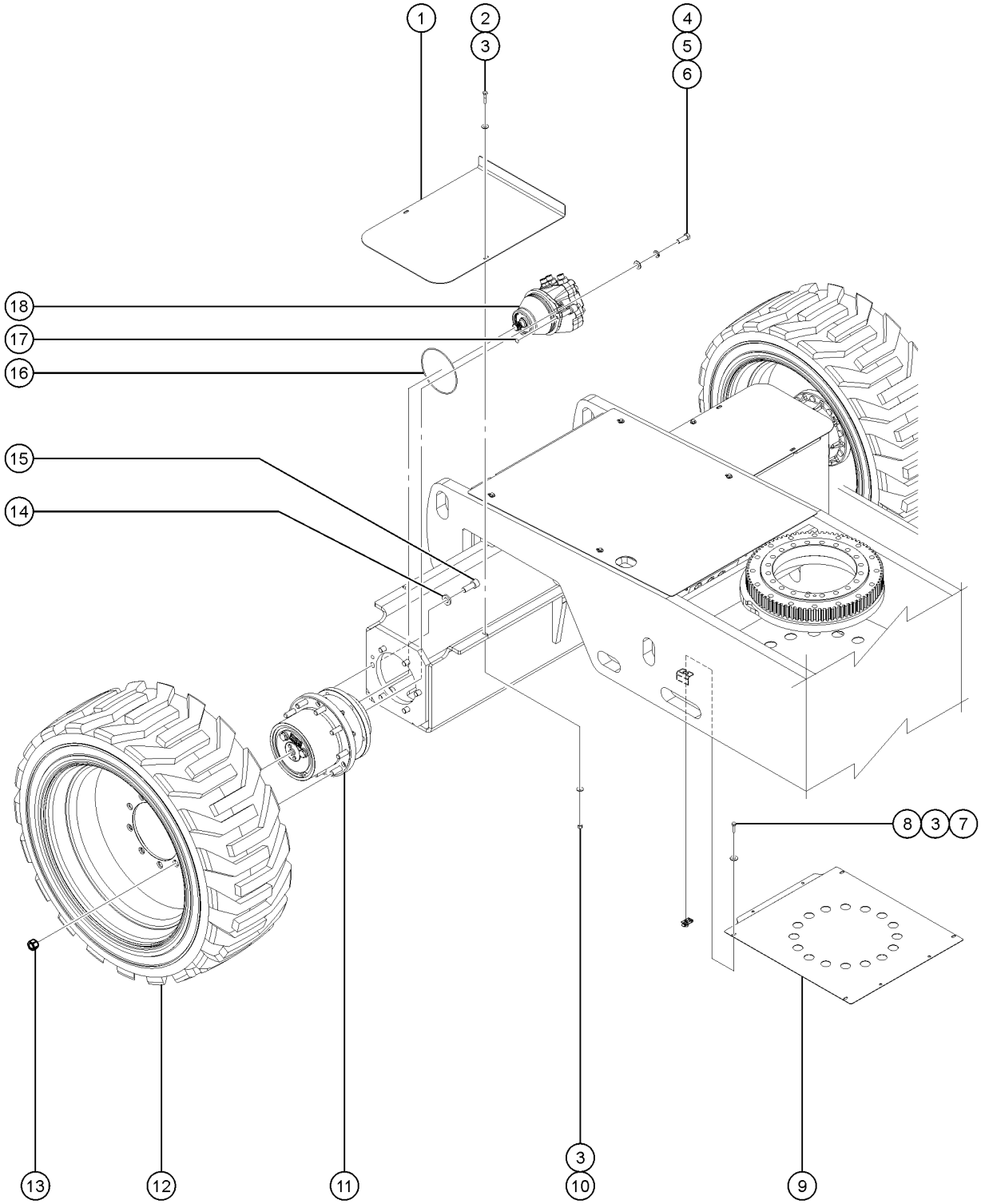
Item	Part No.	Description	Qty.
1	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	4
2	824113GT	WASHER,FLAT,USS,1/4,ZAG	4
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
4	1272699GT	COVER,DRIVE CHASSIS,FRONT	1
5	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	2
6	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	1
7	1256693GT	SCREW,HHF,3/8-16X2.25,8,ZAG	1
8	825019GT	ROD END, .375X3.69, ZAG	3
9	50742GT	PIN,1.25DIAX3.75LG,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,1.25DIAX8.12LG,1HOLE	2
19	1305757GT	CYLINDER, STEER	2
19-	89066GT	SEAL KIT,STEER CYL (89065) for 1305757	
20	237703GT	TIE ROD WELDMENT, Z45/51	1
21	215333GT	FORMING, FRONT AXLE BRK	1
22	78736GT	CLAMP,2 HOSE,PLASTIC	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



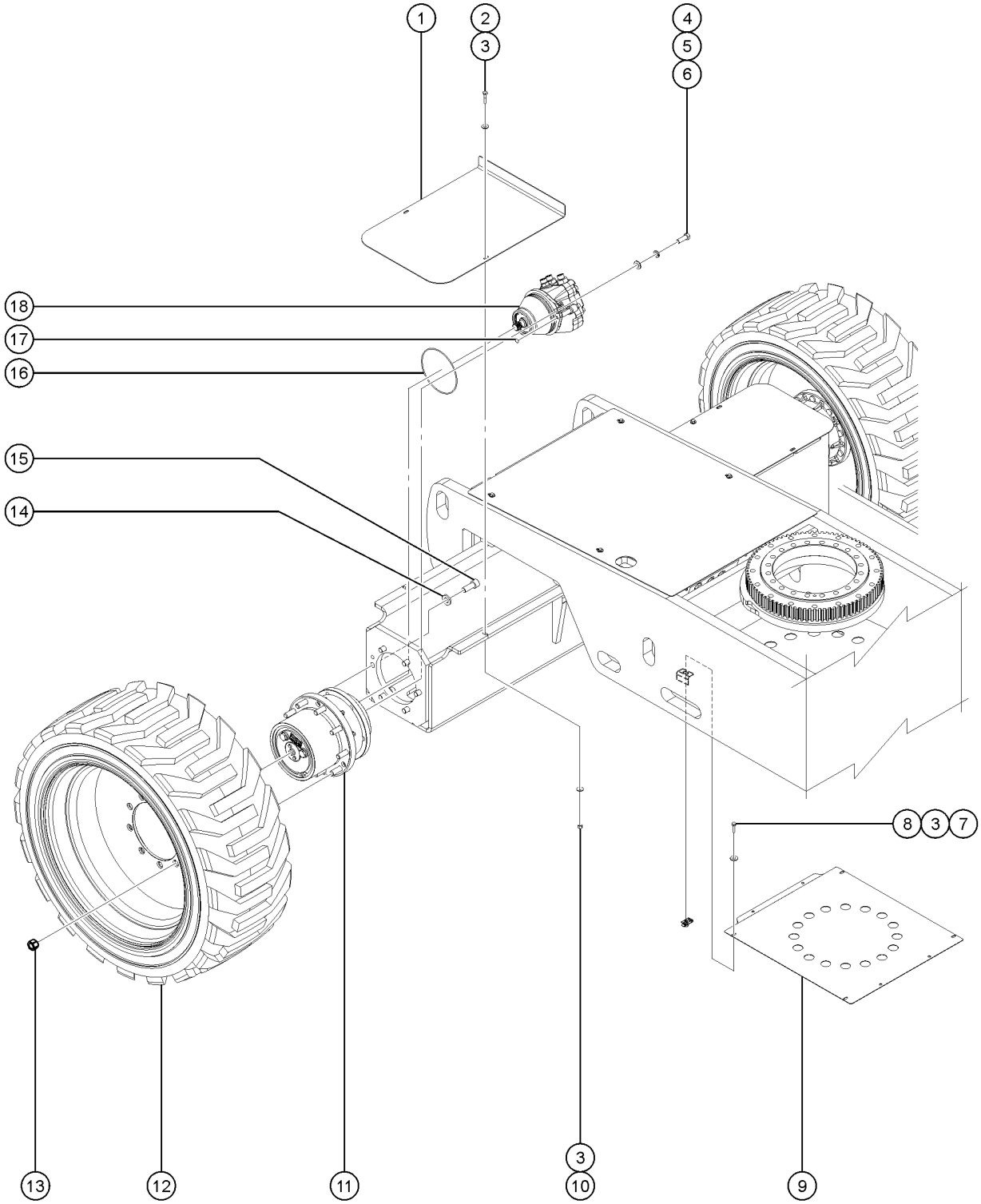
Item	*Part No.*	*Description*	*Qty.*
26	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG	2
27	107578GT	GROUND STRAP,24"LONG models with non-marking tires	1

204.1 Non-steer End Wheels and Hubs



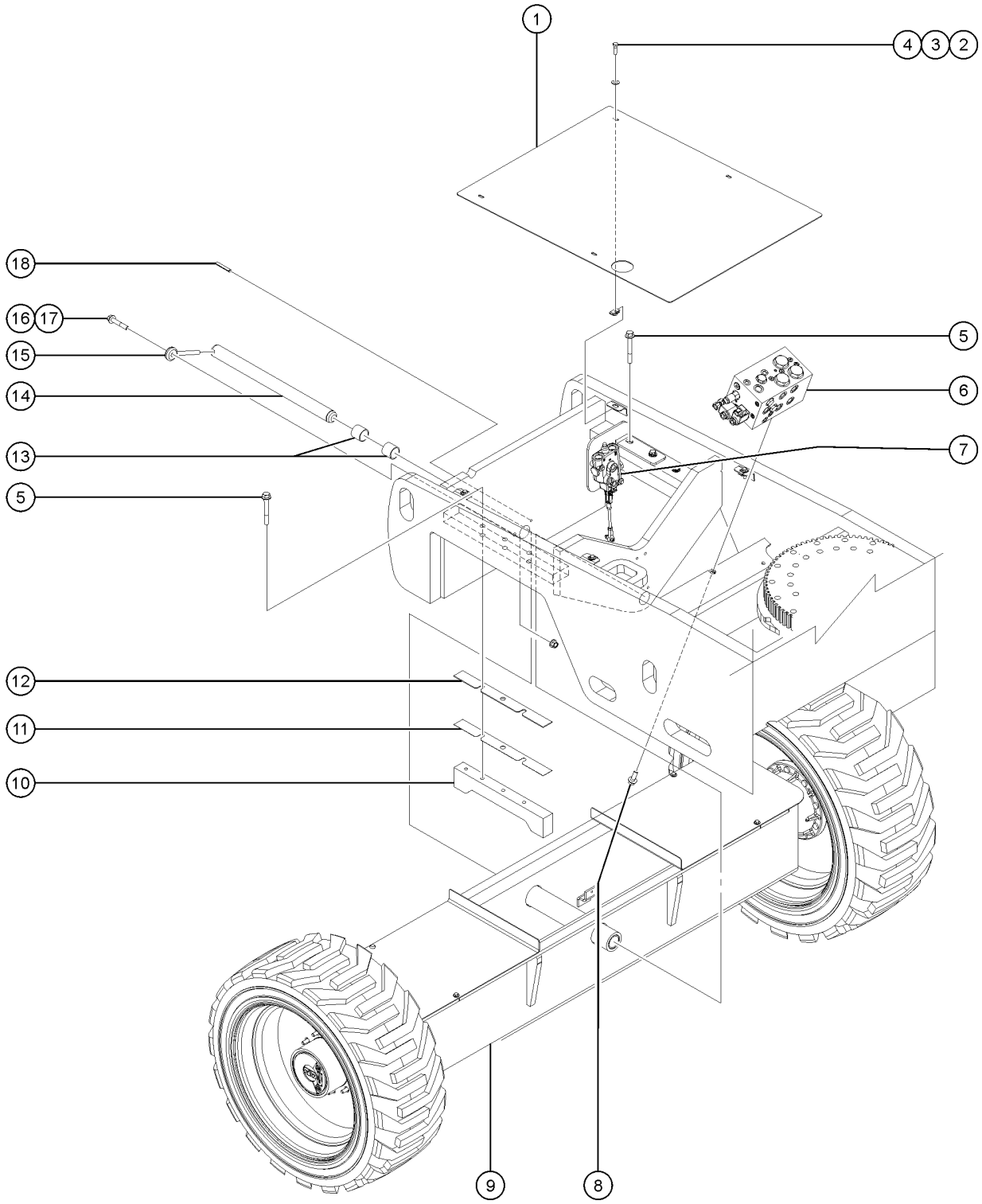
Item	Part No.	Description	Qty.
1	216057GT	COVER, REAR AXLE, METRIC Z45	2
2	824061GT	SCREW, HHC, 1/4-20 X 1.25, 8, ZAG	4
3	824113GT	WASHER,FLAT,USS,1/4,ZAG	12
4	1273207GT	SCREW,HHC,7/16-14X1.5,8,ZAG	4
5	1272129GT	WASHER,LOCK,7/16,ZAG	4
6	1257078GT	WASHER, .469 X .768 HRD, ZAG	4
7	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	4
8	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	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*** for 139330	
11-	139967GT	CAP,DISENGAGE,OMNI*** for 139330	
11-	139968GT	O-RING,END COVER,OMNI*** for 139330	
11-	139969GT	LINING KIT,BRAKE,OMNI*** for 139330	
11-	139970GT	SEAL KIT,BRAKE,OMNI*** for 139330	
11-	139971GT	BEARING KIT,OMNI*** for 139330	
11-	139972GT	SEAL KIT,GEARBOX,OMNI*** for 139330	
11-	147033GT	O-RING,PIPE PLUG KIT,OMNI*** for 139330	
11-	147034GT	PIPE PLUG KIT,OMNI*** for 139330	
11-	230849GT	WHEEL STUD,5/8-18X67MM for 139330	
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



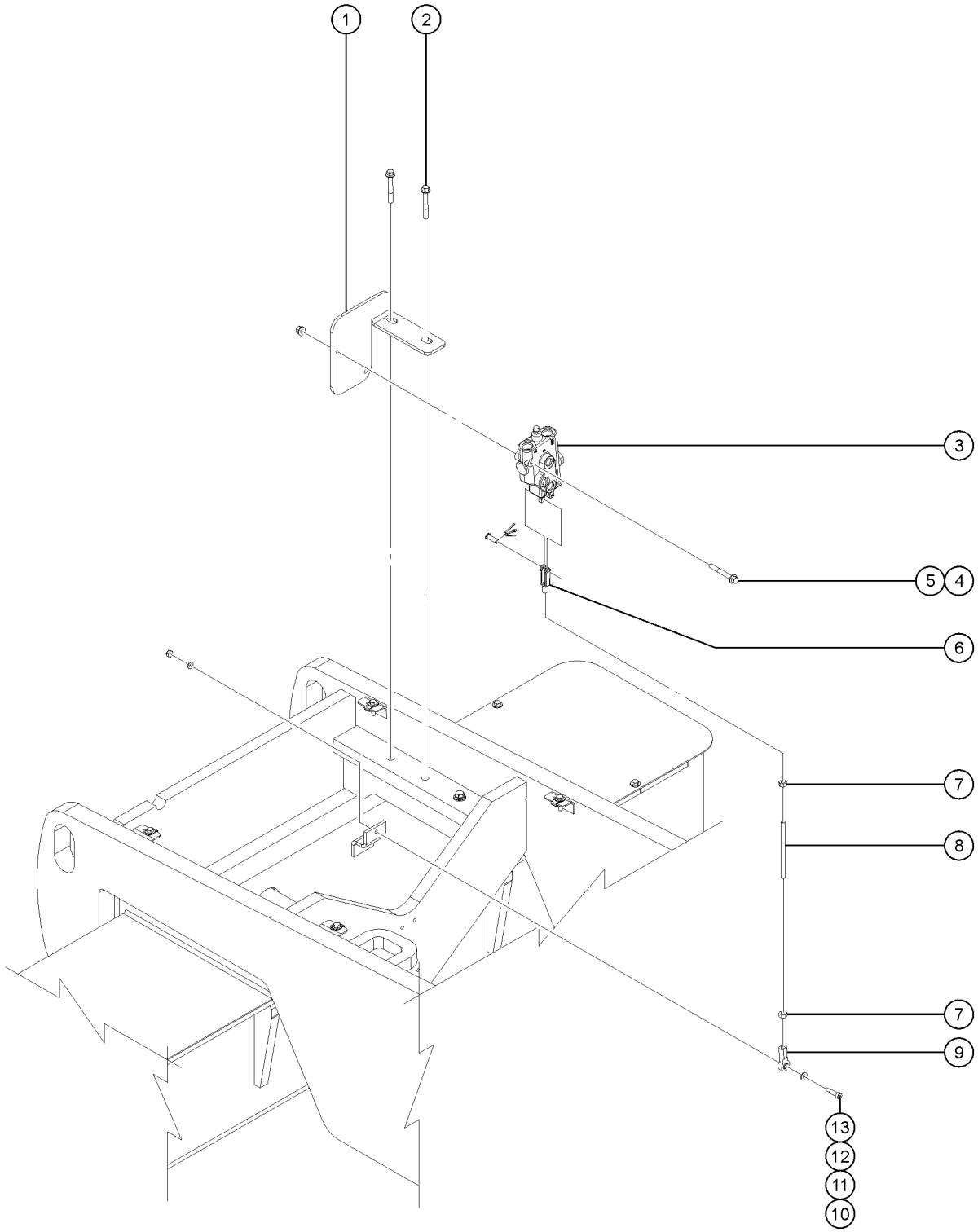
Item	*Part No.*	*Description*	*Qty.*
18A	101586GT	MOTOR, PISTON, 25CC, 6.5 DEG, 13T 4WD Models	2
18A-	106098GT	SEAL KIT,MOTOR,LC/KC***	
18B	101587GT	MOTOR,PISTON,LC30,10 DEG,13T 2WD Models	2
18B-	32680GT	SEAL KIT,SUNSTRAND	

205.1 Non-steer Axle



Item	Part No.	Description	Qty.
1	235642GT	COVER, DRIVE CHASSIS, REAR	1
2	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	4
3	824113GT	WASHER,FLAT,USS,1/4,ZAG	4
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
5A	824094GT	SCREW, HHF, 3/8-16 X 2.75, 8, ZAG 4WD Models	6
5B	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG 2WD Models	6
6		Ref. Traction Manifold (refer to 701.1 or 702.1)	
7		Ref. Oscillate Valve (refer to 206.1)	
8A	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG 4WD Models	3
8B	1255469GT	SCREW,HHF,1/2-13X1.25,8,ZAG 2WD Models	3
9	232092GT	WELDMENT, FORMED REAR AXLE	1
10	1272698GT	BAR, AXLE ROTATION STOP	2
11	119209GT	SHIM,AXLE ROTATION STOP,22GA as needed	2
12	119210GT	SHIM,AXLE ROTATION STOP,12GA as needed	2
13	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	2
14	54542GT	PIN,1.50DIAX20.00LG,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

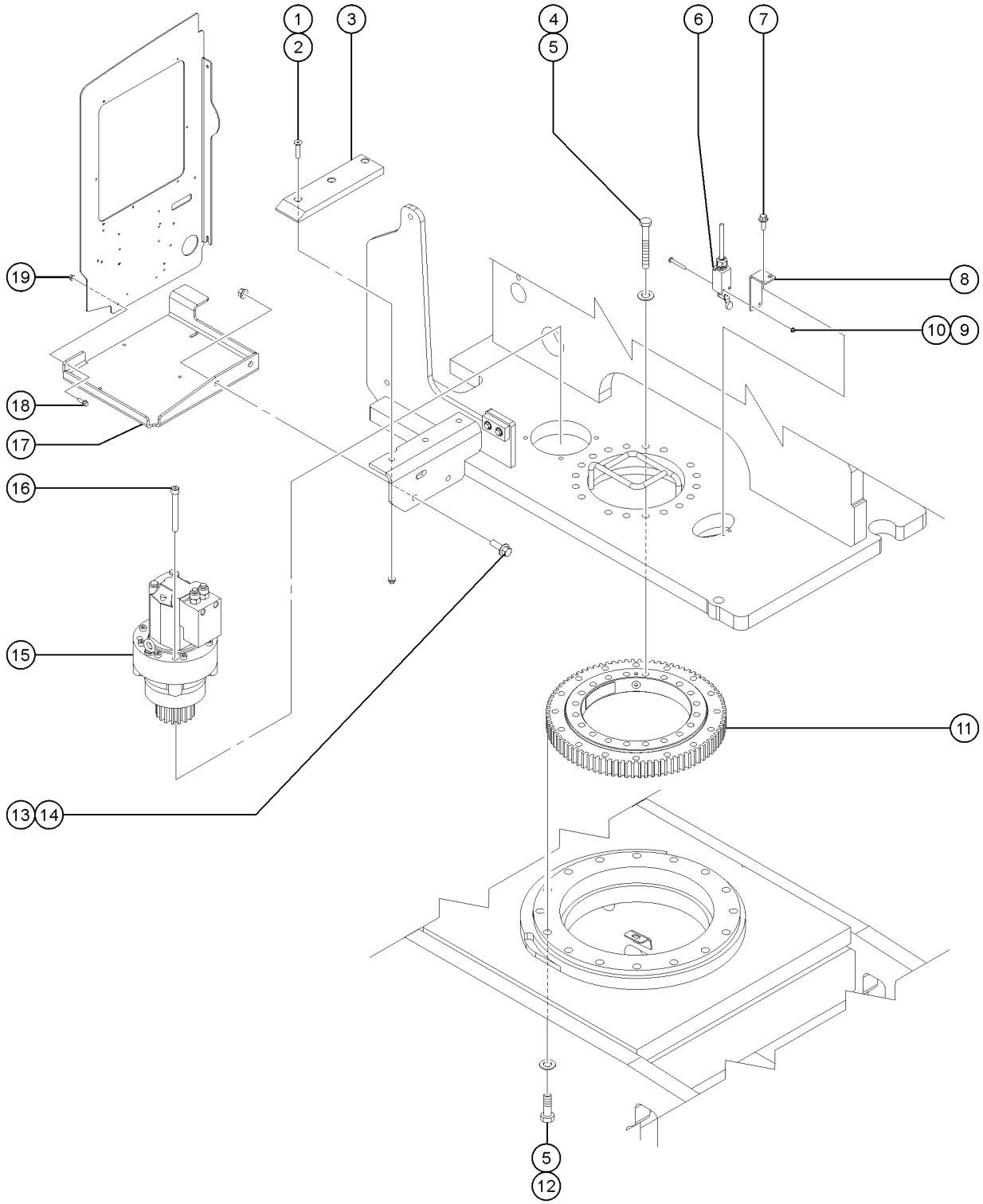
206.1 Oscillate Valve



206.1 Oscillate Valve

Item	*Part No.*	*Description*	*Qty.*
1	238345GT	FORMING, BRACKET, OSC VALVE	1
2A	824094GT	SCREW, HHF, 3/8-16 X 2.75, 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

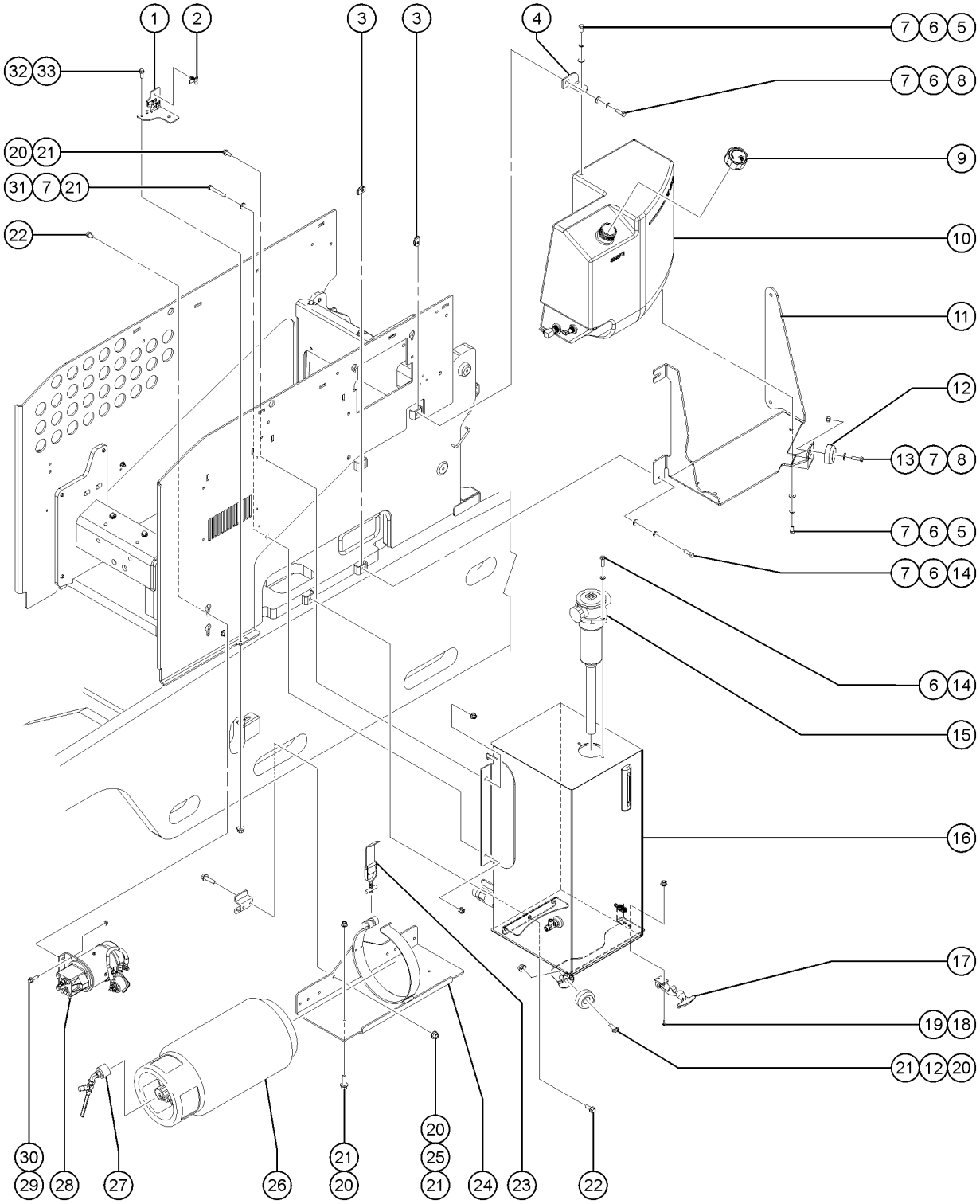
301.1 Turntable Rotator



301.1 Turntable Rotator

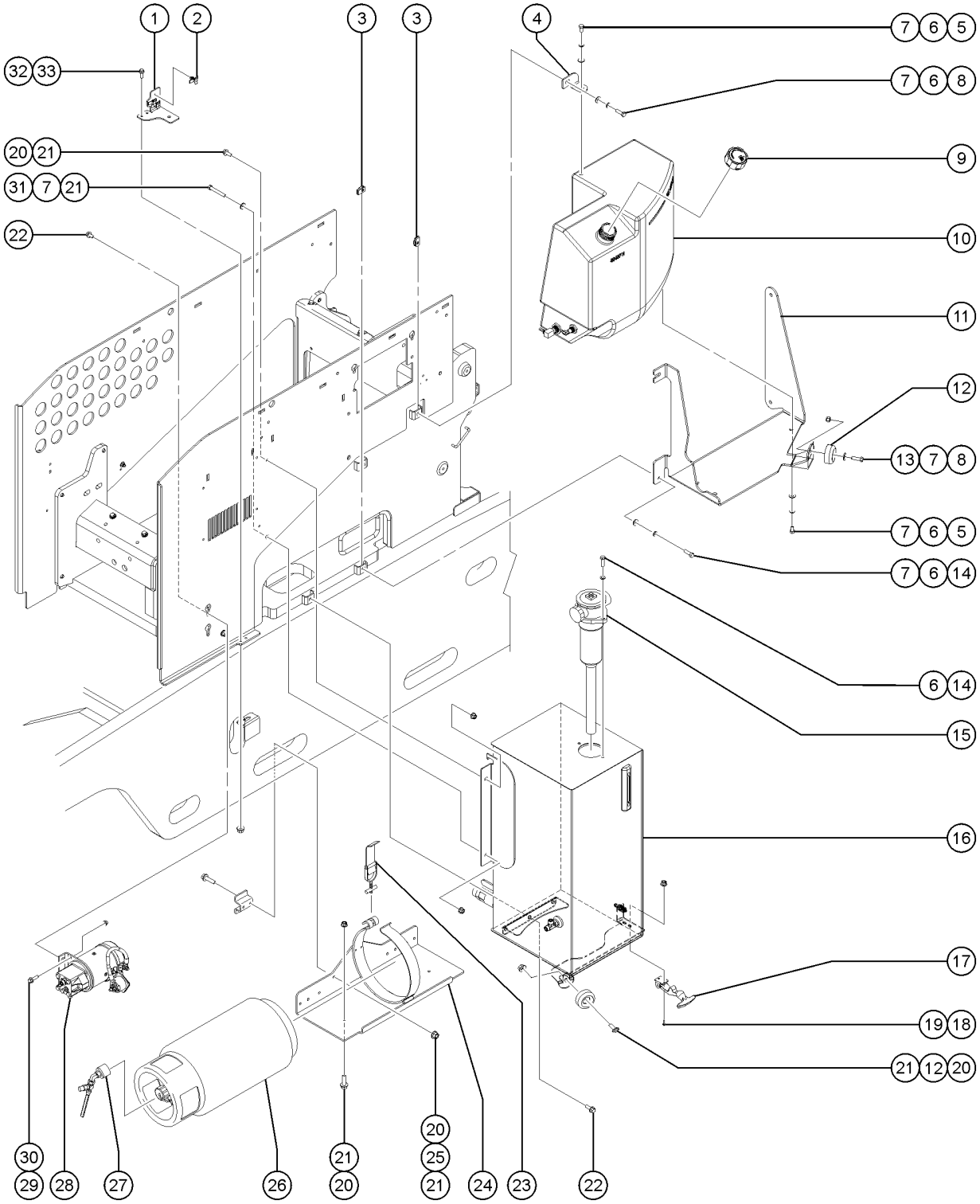
Item	Part No.	Description	Qty.
1	1259857GT	SCREW,FHS,3/8-16X1.75,F835,ZAG	3
2	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	3
3	50519GT	LOAD PAD,ENGINE TRAY SUPPORT	1
4	1256170GT	SCREW,HHC,5/8-11X4,8,ZAG	18
5	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	36
6	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	1
6-	19491GT	CONTACTOR,LIMIT 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, 10-32 X 1.5, ZAG	2
11	101815GT	BEARING,SWING CHASSIS	1
12	1263142GT	SCREW,HHC,5/8-11X4.5,8,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 ASSEMBLY	
15-	48904GT	ELBOW, 90D, 520220-4 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



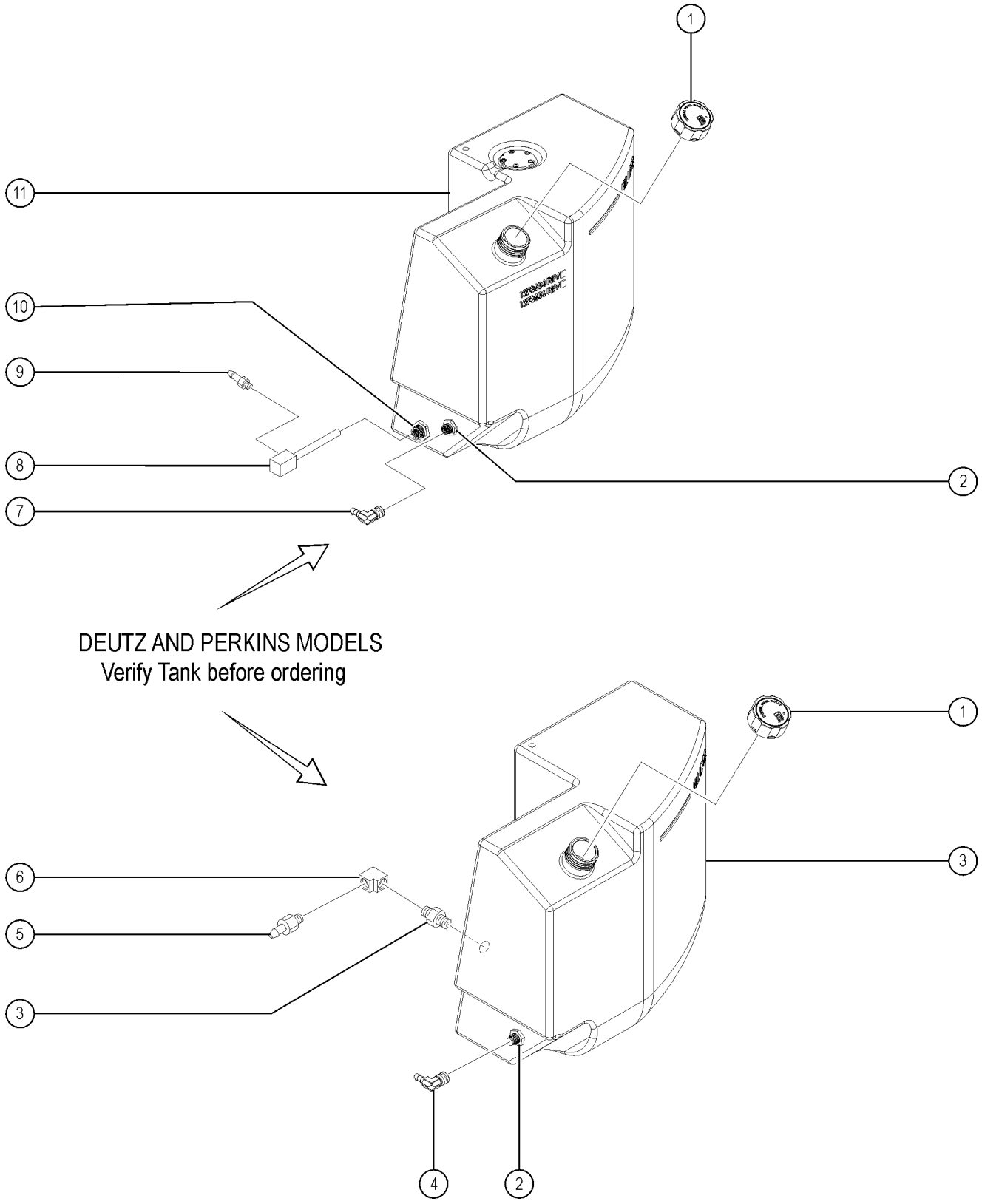
Item	Part No.	Description	Qty.
1	219350GT	FORMING, AUX. CABLE , HOSE BRK	1
2	105214GT	CABLE TIE MOUNT, WINGED	4
3	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	5
4	1270433GT	FORMING, UPPER FUEL TANK BRK	1
4B	238388GT	FORMING, UPPER FUEL TANK BRK Perkins 404F-E22T Engine only (from SN Z452518N-59584)	1
5	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, 3/8-16 X 1, 8, ZAG	
9	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) no longer available, (replaced by 1316635)	1
9B	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1
10		REF. DIESEL FUEL TANK (Refer to 303.1)	
10B		REF. GASOLINE FUEL TANK (Refer to 303.2)	
11	1272705GT	MOUNT, FUEL TANK Deutz and Perkins models	1
11B	238199GT	MOUNT, FUEL TANK Perkins 404F-E22T Engine only (from SN Z452518N-59584)	1
12	50974GT	BUMPER,RUBBER,COVERS	2
13	824038GT	NUT, TL JAM, 3/8-16, A, ZAG	
14	824068GT	SCREW, HHC, 3/8-16 X 1.25, 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***	

302.1 Fuel and Hydraulic Tank Installation



Item	Part No.	Description	Qty.
16-	101490GT	STRAINER,16 SAE F/24 SAE M	
16-	94612GT	PLUG,MAGNETIC,SAE-6***	
17	45363GT	LATCH,FLEXIBLE	1
18	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	2
19	1264261GT	NUT,SERRATED,10-32,ZAG	2
20	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	5
21	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
22	824089GT	SCREW, HHF, 3/8-16 X .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, 5/16-18 X 1, 8, ZAG	1
30	1255805GT	NUT,SERRATED,5/16-18,8,ZAG	1
31	824094GT	SCREW, HHF, 3/8-16 X 2.75, 8, ZAG	2
32	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
33	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2

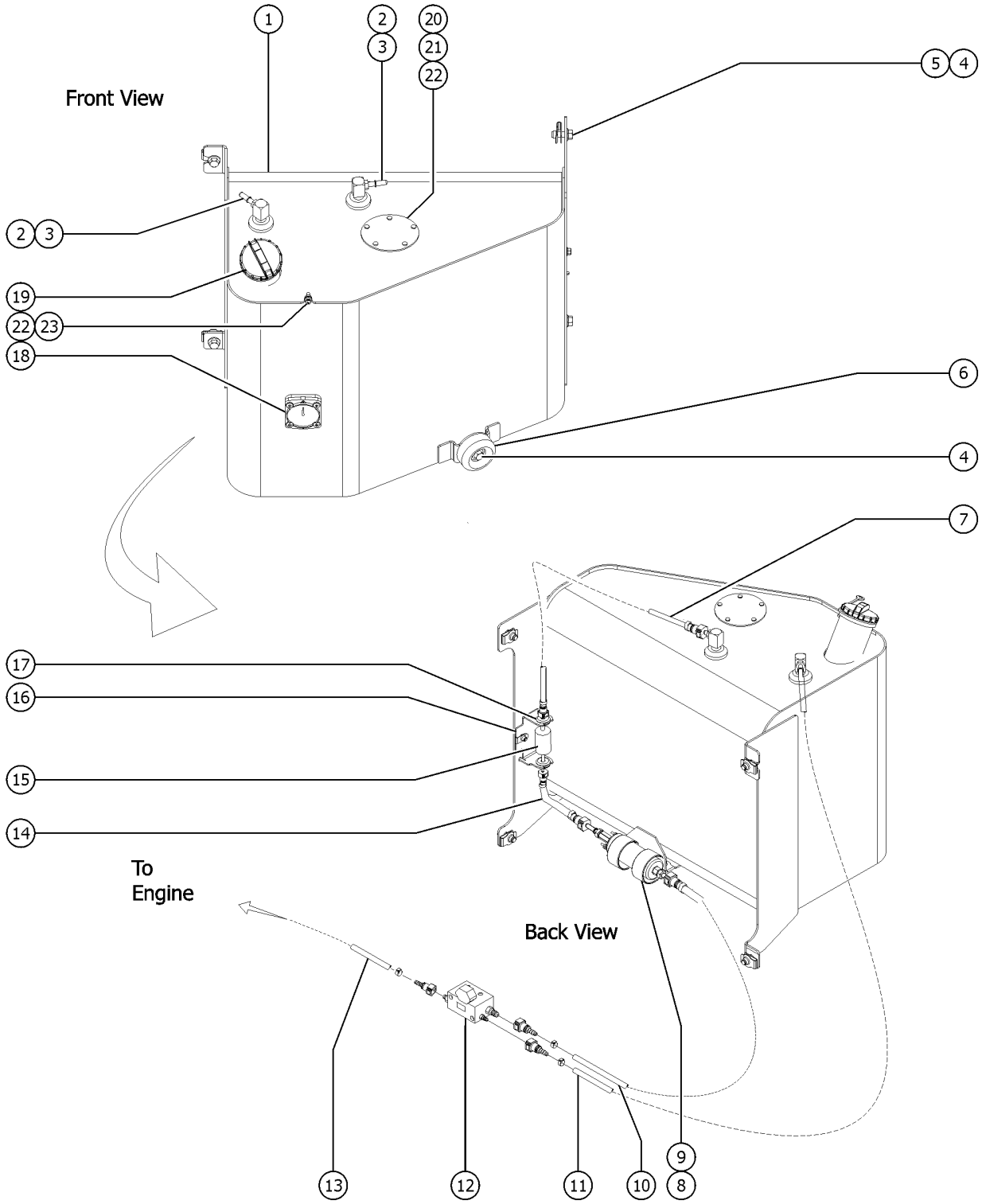
303.1 Diesel Fuel Tank



303.1 Diesel Fuel Tank

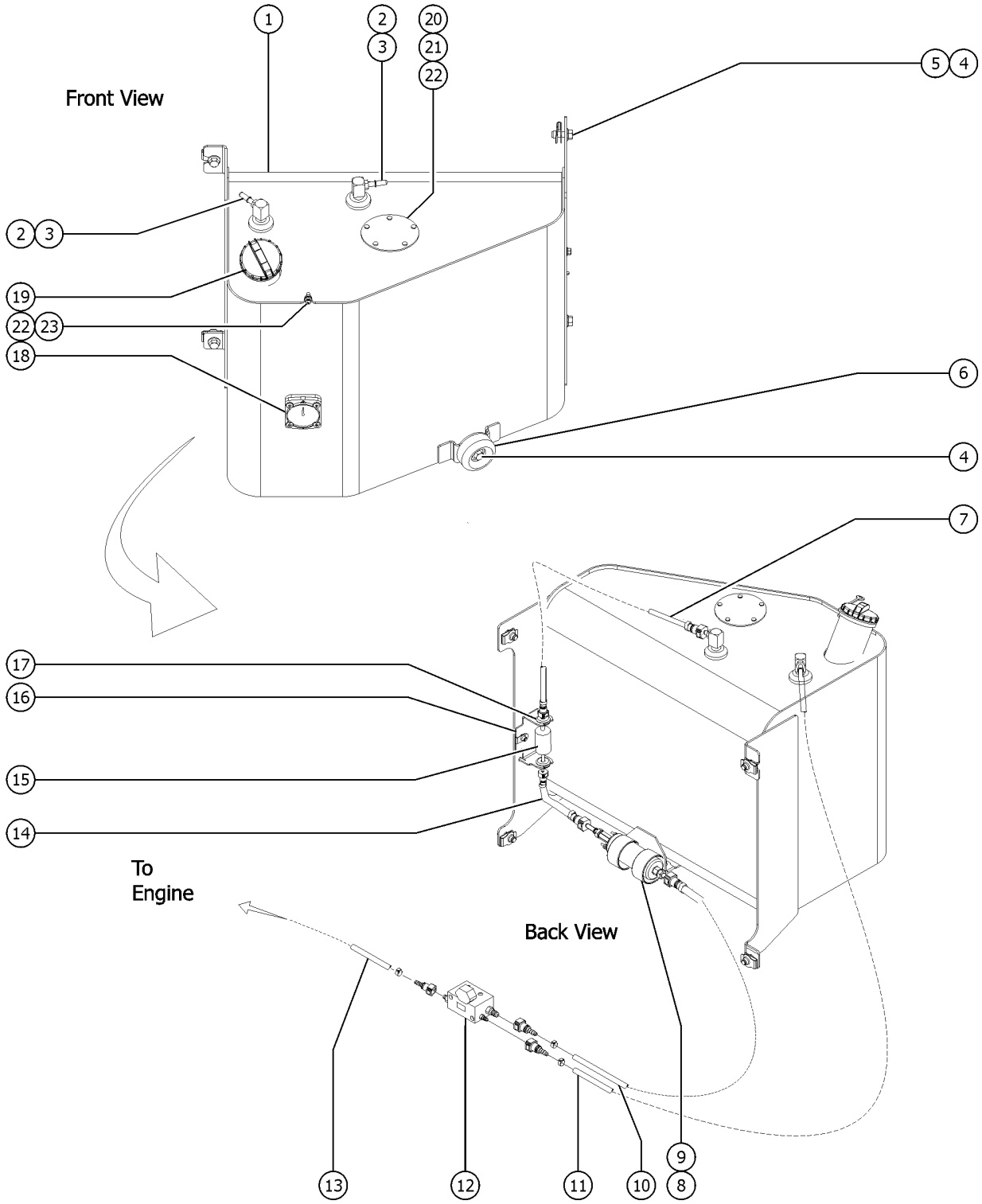
Item	Part No.	Description	Qty.
A		Verify Engine Make and Model Before Ordering Fuel Tank and Components	
B		Perkins 404D-22 and Deutz D2011L03 engines have one of two Fuel Tanks, verify tank before ordering	
1	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) no longer available, (replaced by 1316635)	1
1B	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1
2	54325GT	FITTING,BULKHEAD,1/4NPT,FUELTK	1
3	1273654GT	ASSEMBLY, FUEL TANK, 17 GAL, P	1
3-	1271772GT	CAP, TANK, FUEL SENSOR (models without fuel sense)	1
3-	1271773GT	GASKET, TANK, FUEL SENSOR	1
3-	1251757GT	SCREW,PHPM,10-32X.50,ZAG	4
4A	824872GT	FITTING,3/8NPT TO 3/16BARB,90 Deutz D2011L03i engine from SN Z452513A-49076	
4B	824874GT	FITTING,3/8NPT TO 1/4BARB,90 Perkins 404D-22 engine from SN Z452513A-49076	
4C	27904GT	HOSE END,BARBED,RIGID,90DEG6-6 Perkins 404F-22 and Deutz D2.9L4 engines	
5A	54124GT	HOSE END,BARB,3/8 MNPT X 5/16 Perkins 404D-22 and Deutz D2011L03i engines	
5B	824471GT	FITTING,3/8 NPT TO 1/2 BARB Deutz D2.9L4 engine	
5C	27901GT	HOSE END,BARBED,RIGID,-6-6 Perkins 404F-22	
6	22348GT	ELBOW,130339-6-6	
7A	54204GT	ELBOW,90DEG.1/4MPT-1/4 BARB Deutz D2011L03i engine	
7B	107889GT	HOSE END,BARB,3/16 MNPT,90D Perkins 404D-22 engine	
8	54333GT	TUBE,FUEL PICKUP,3/8NPTX1/4PT	
9	54437GT	HOSE END,BARB,1/4 MNPTX5/16,ST	
10	54324GT	FITTING,BULKHEAD,3/8NPT,FUELTK	
11A	1274192GT	ASSY, FUEL TANK, 17 GAL, LEGACY PLASTIC (119798GT no longer available)(includes items 2, 3 & 8), verify tank before ordering	1
11B	1273698GT	ASSY, FUEL TANK, 17 GAL, FUEL SENSE, PLASTIC (models with fuel sensor option)	
11B-	1271770GT	SENSOR, FUEL LEVEL, 30" DIESEL (not shown) (models with fuel sense)	

303.2 Gasoline Fuel Tank, Pump, Filter and Hoses



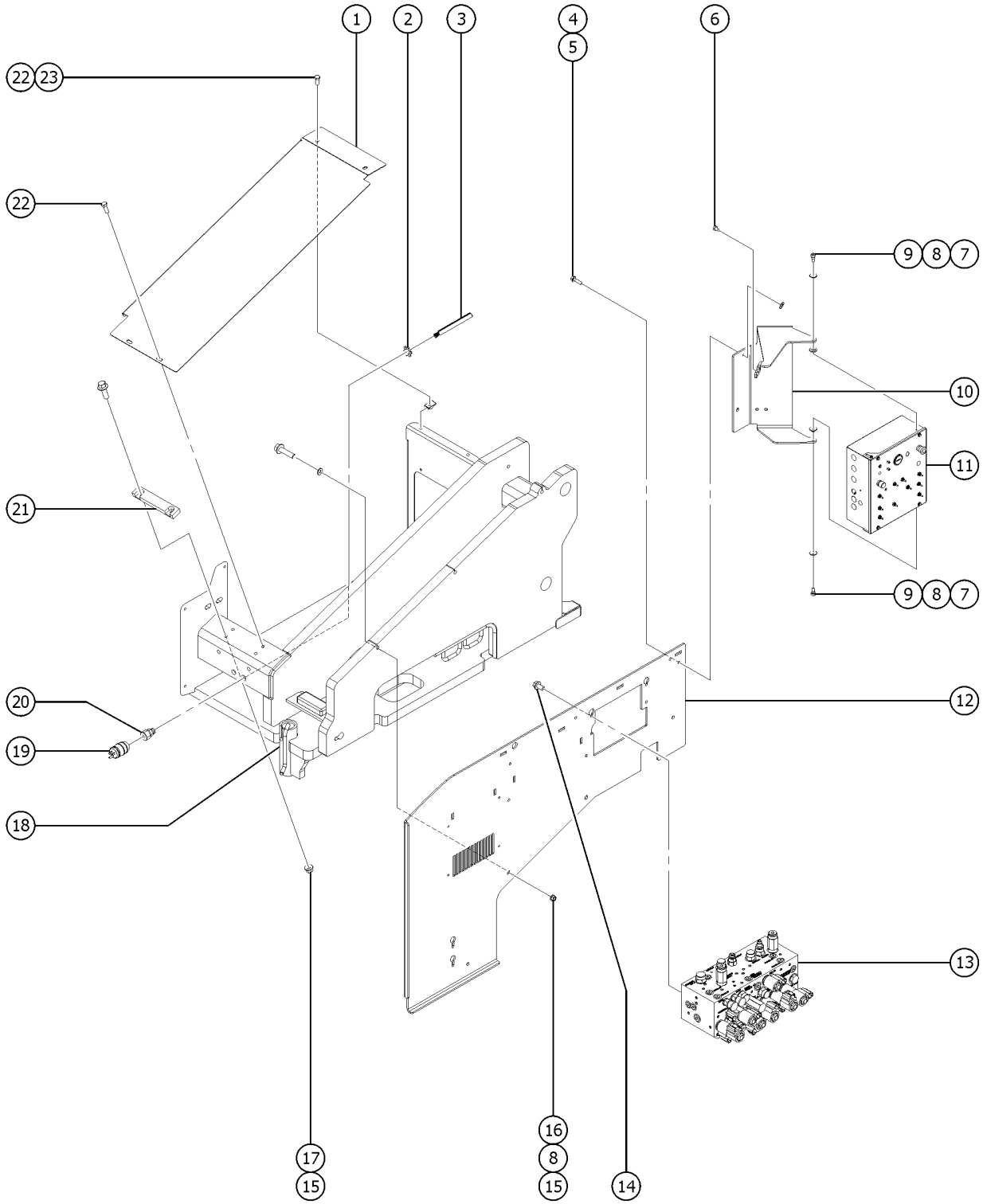
Item	Part No.	Description	Qty.
A	219848GT	ASSY, GASOLINE FUEL TANK complete (models without fuel sense)	1
A-	94612GT	PLUG,MAGNETIC,SAE-6***	1
1A	1274538GT	ASSEMBLY, FUEL TANK, 17 GAL, STD, STEEL without fuel sense option (includes items 20-22)	1
1B	1274539GT	ASSEMBLY, FUEL TANK, 17 GAL, STD, FS with 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	1272019GT	FILTER, FUEL	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.54,ZAG	
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



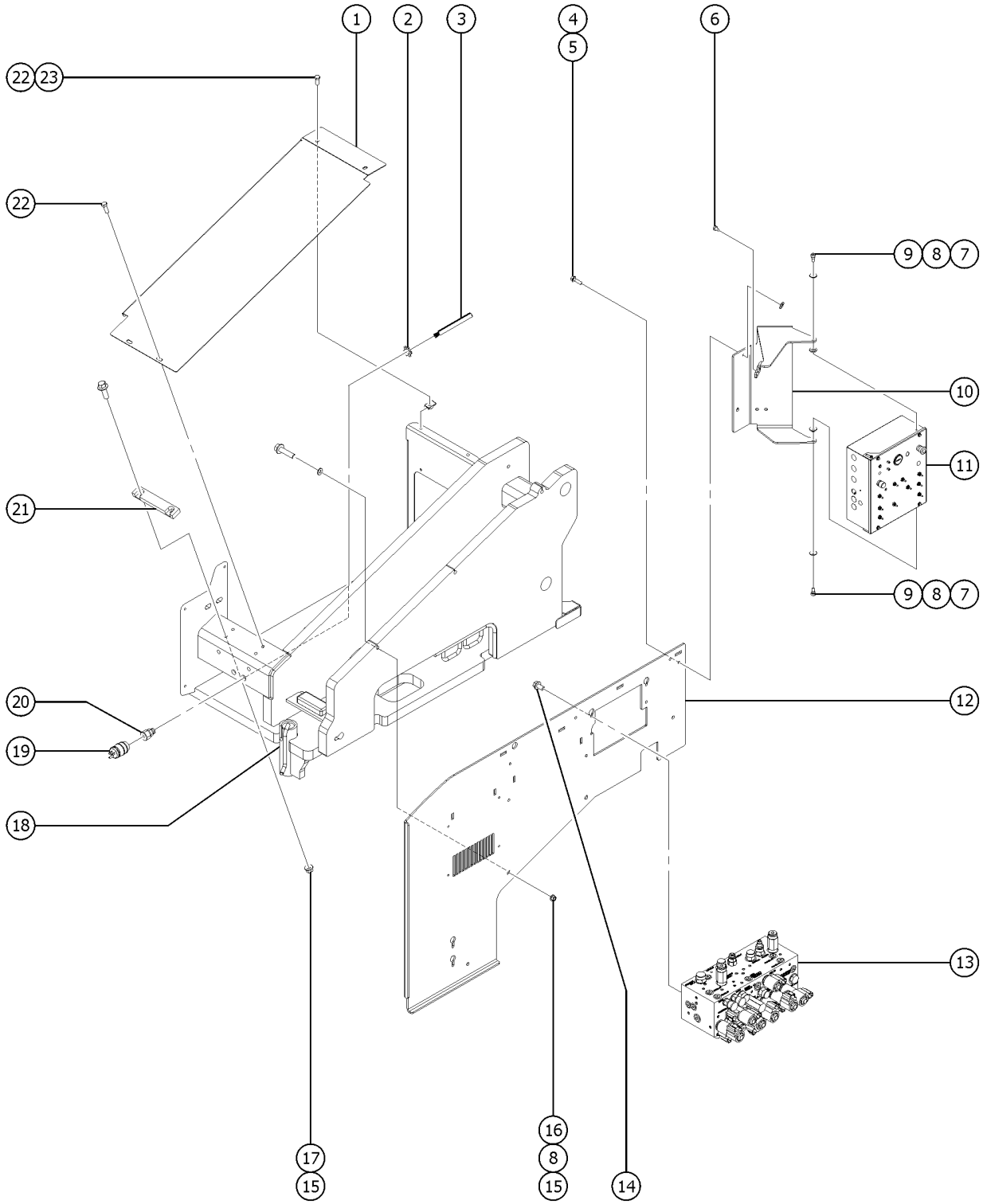
Item	Part No.	Description	Qty.
21B	1271771GT	SENSOR, FUEL LEVEL, 24" GAS with fuel sense option (from SN 57364)	
22	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	
23	1264261GT	NUT,SERRATED,10-32,ZAG	

304.1 Function Manifold and Ground Control Box Installation



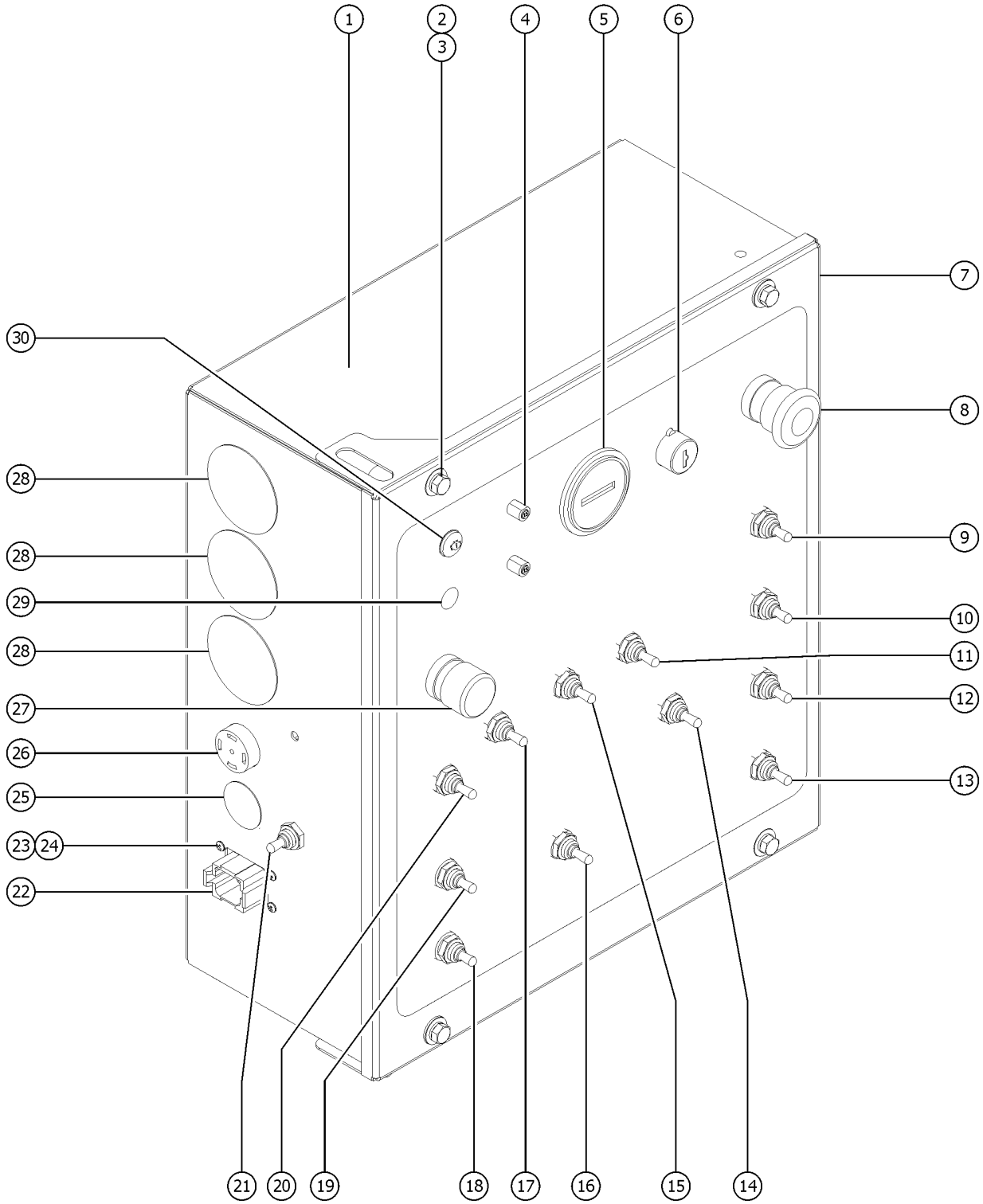
Item	Part No.	Description	Qty.
1	235643GT	COVER,CENTER SWING CHASSIS	1
2	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
3	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	75 6-inches
4	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG check length	
5	87684GT	PUSHRETAINER FOR 3/8"THRD SCREW	
6	34619GT	BUMPER,RUBBER***	1
7	218466GT	SCREW,SHS,1/4-20X.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 (refer to 703.1)	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, 3/8-16 X 1.5, 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, 3/8-16 X 1, 8, ZAG	

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

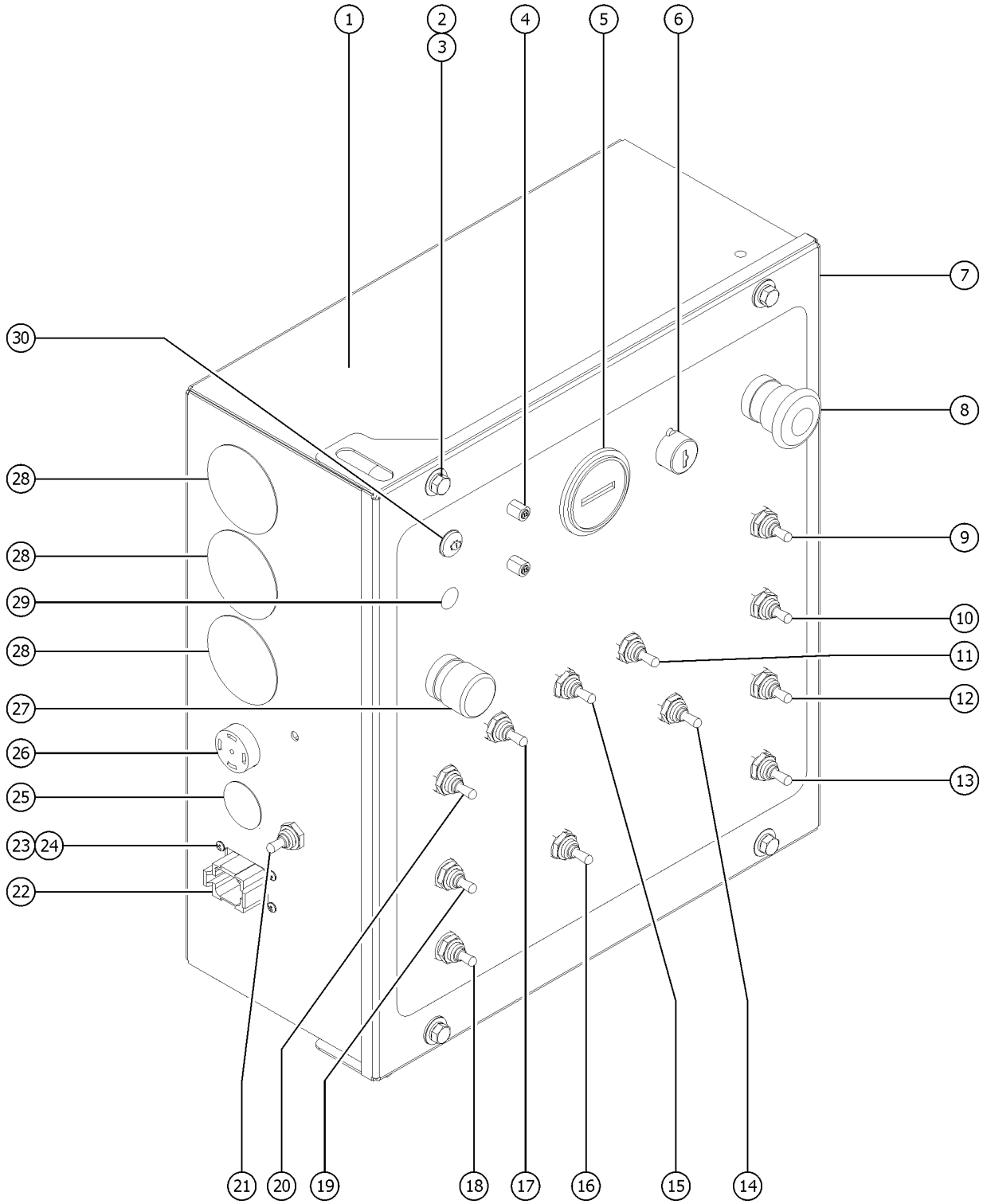
305.1 Ground Control Box, Models with Hour Meter, View 1



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	WELDMENT,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	
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***	
6A-	94506GT	BASE,W/3 NC CONTACTS	
6B	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING	1
6B-	83093GT	KEY SINGLE***	
6B-	85239GT	RETAINER NUT (96008)***	
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	
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	
9A-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
9A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
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

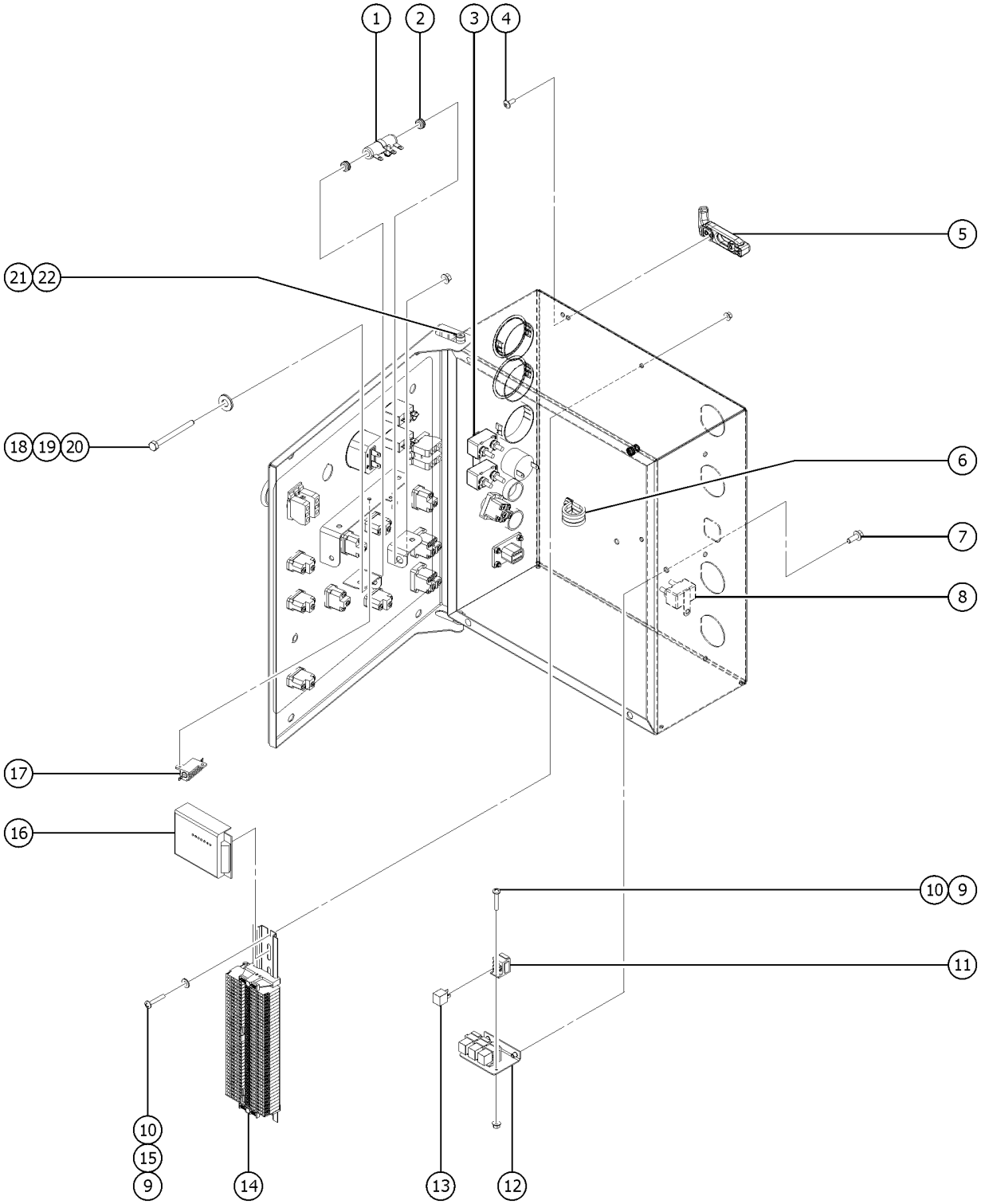
305.1 Ground Control Box, Models with Hour Meter, View 1



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)0 340521003926280141282000GTSWITCH 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, DEUTSCH, DT, GRAY/FLANGE	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

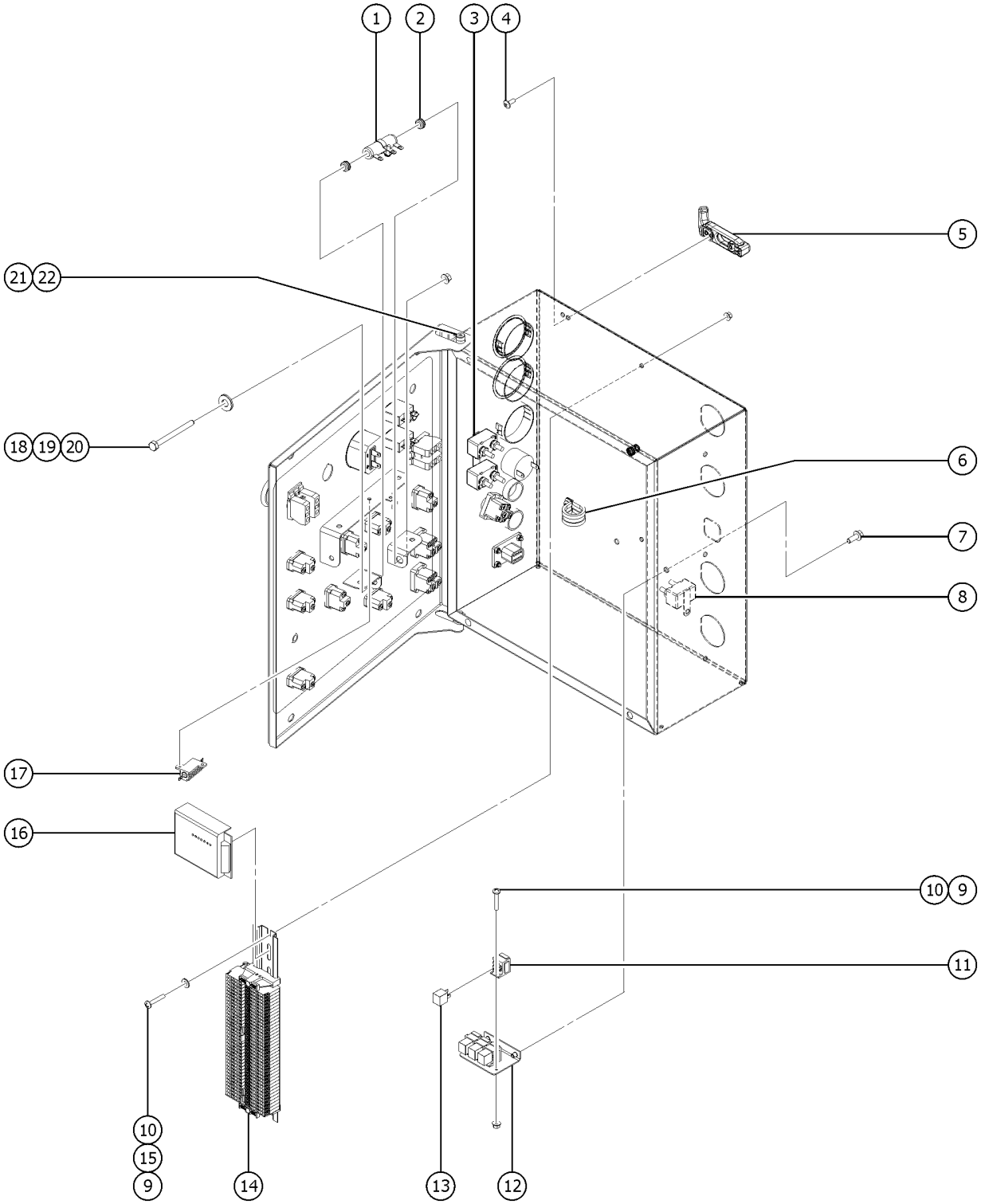
306.1 Ground Control Box, Models with Hour Meter, View 2



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.50,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

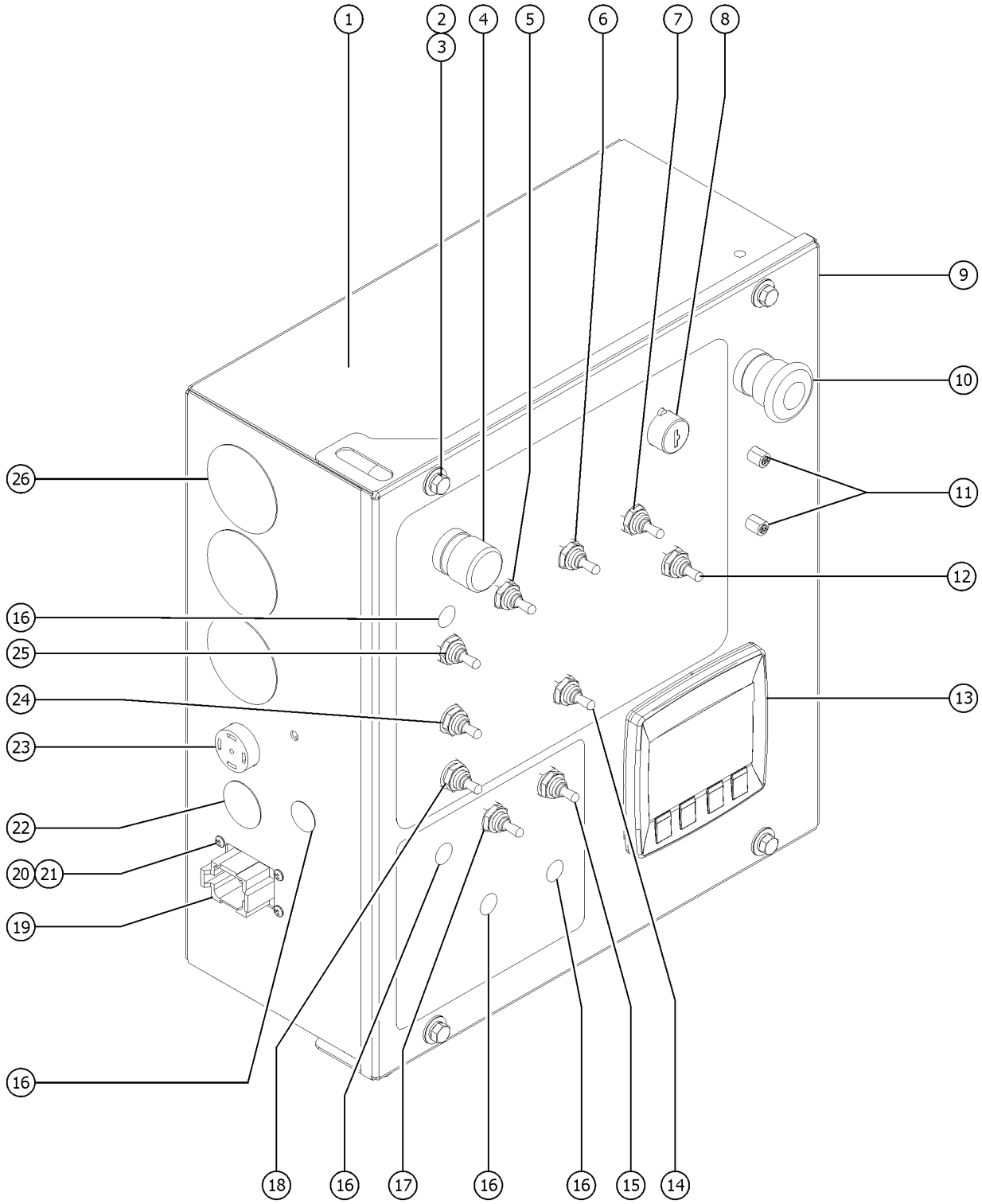
306.1 Ground Control Box, Models with Hour Meter, View 2



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.25X1/4-20,8,ZAG	2
22	218449GT	WASHER,SHOULDER,NYLON	2

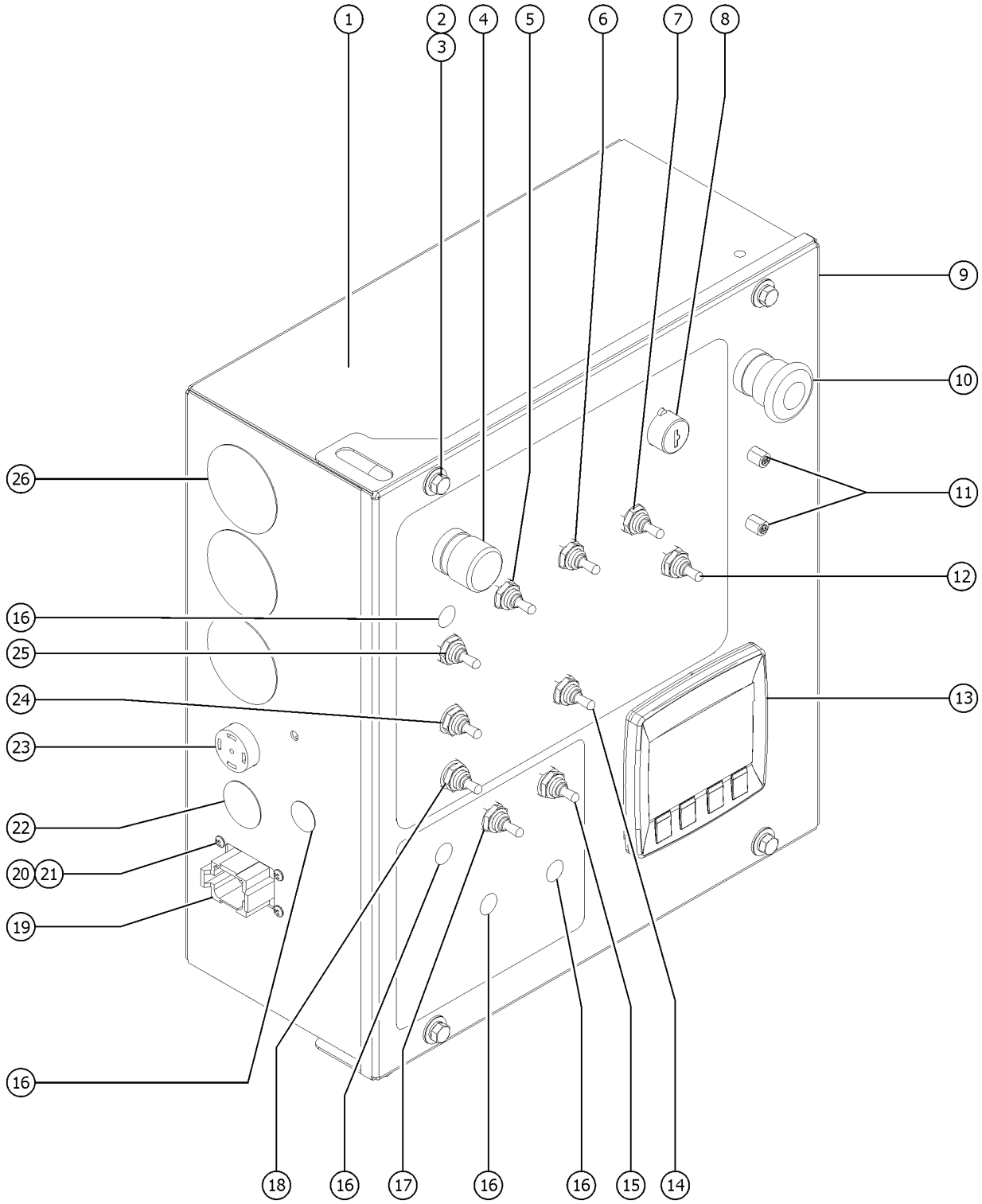
307.1 Ground Control Box, Models with LCD Readout Screen, View 1



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	RETAINER NUT (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

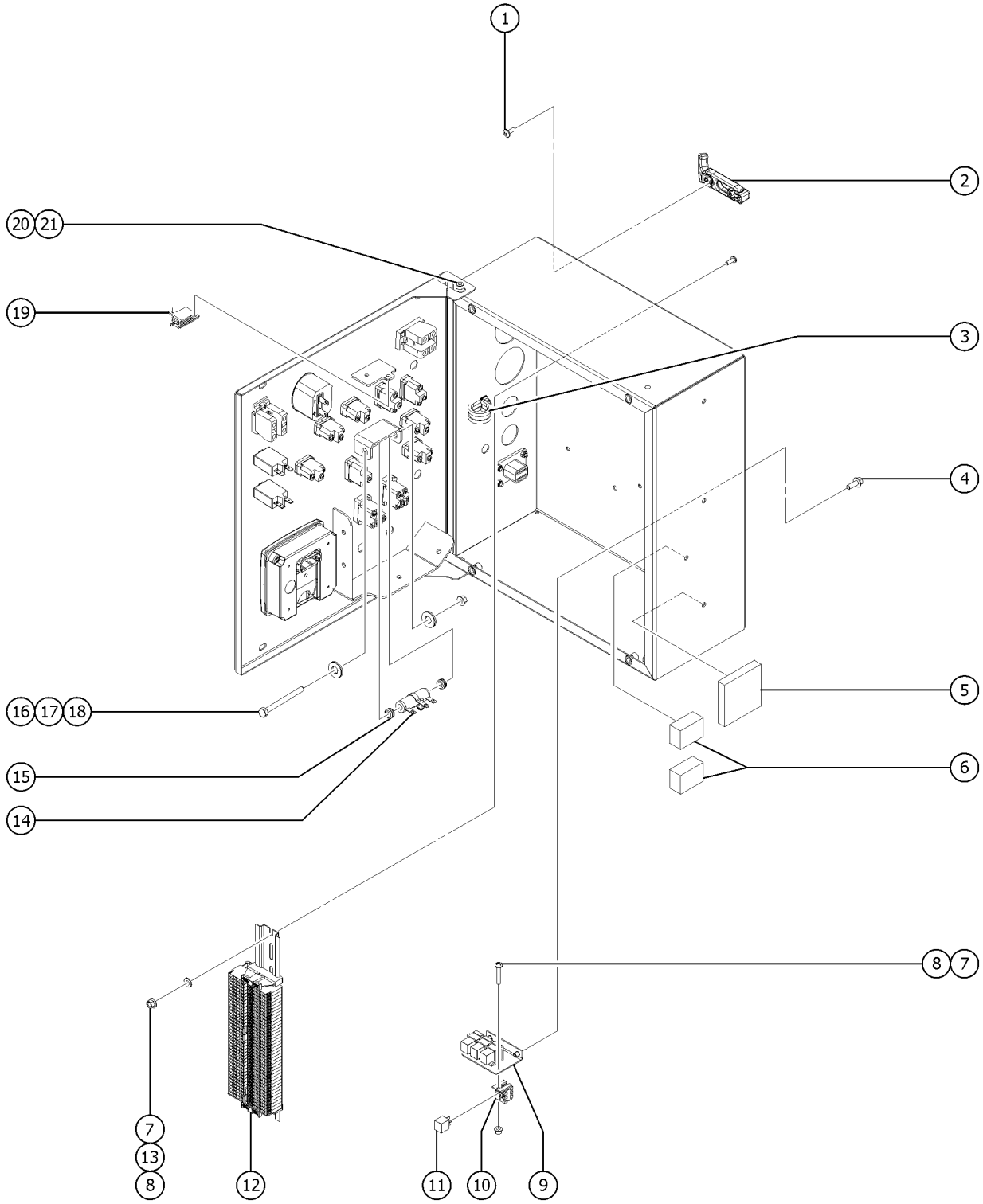
307.1 Ground Control Box, Models with LCD Readout Screen, View 1



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 Perkings 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, DEUTSCH, DT, GRAY/FLANGE	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 6-30V* 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

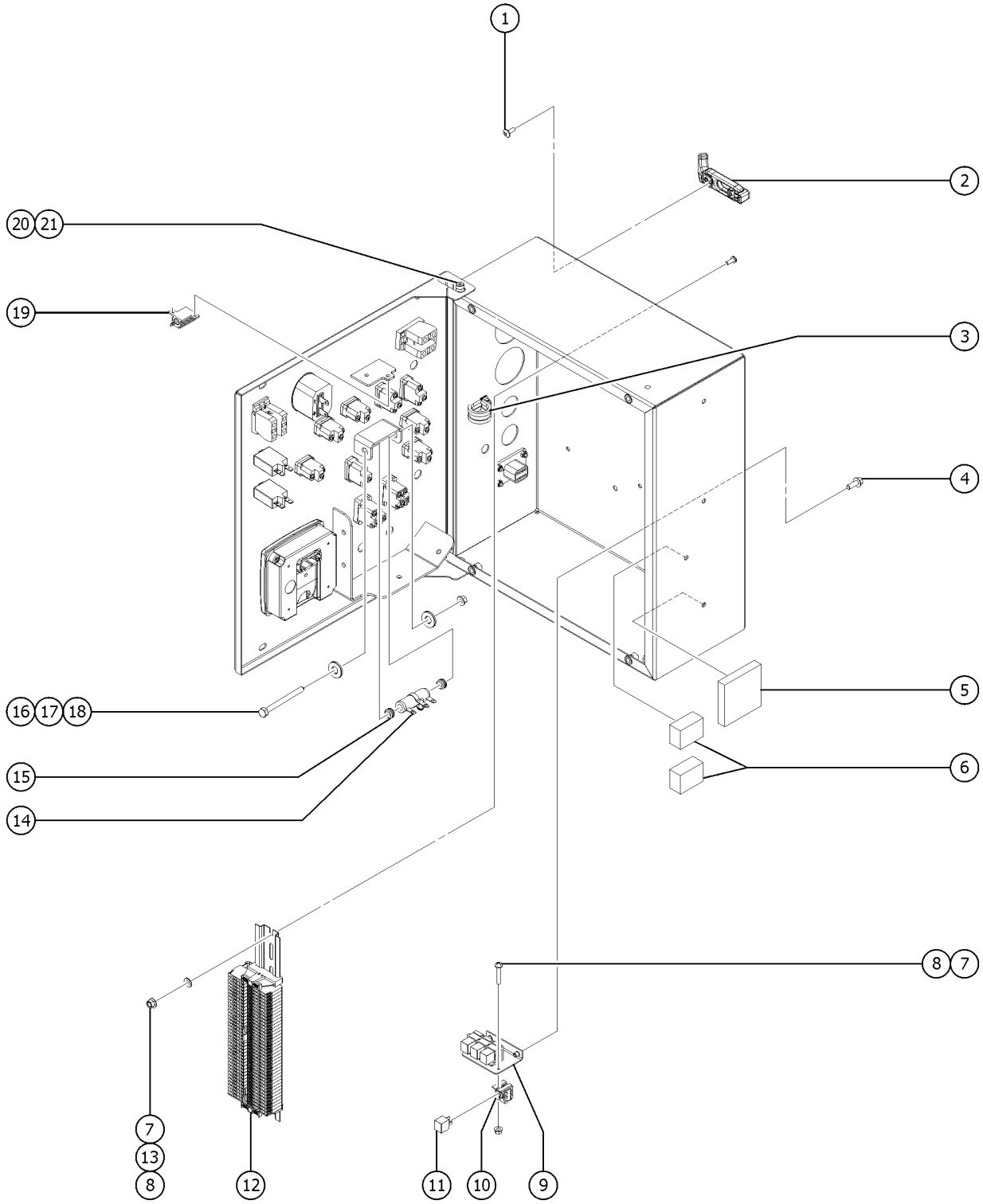
308.1 Ground Control Box, Models with LCD Readout Screen, View 2



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

Item	Part No.	Description	Qty.
A	218090GT	WELDMENT,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, 1/4-20 X .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.50,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	

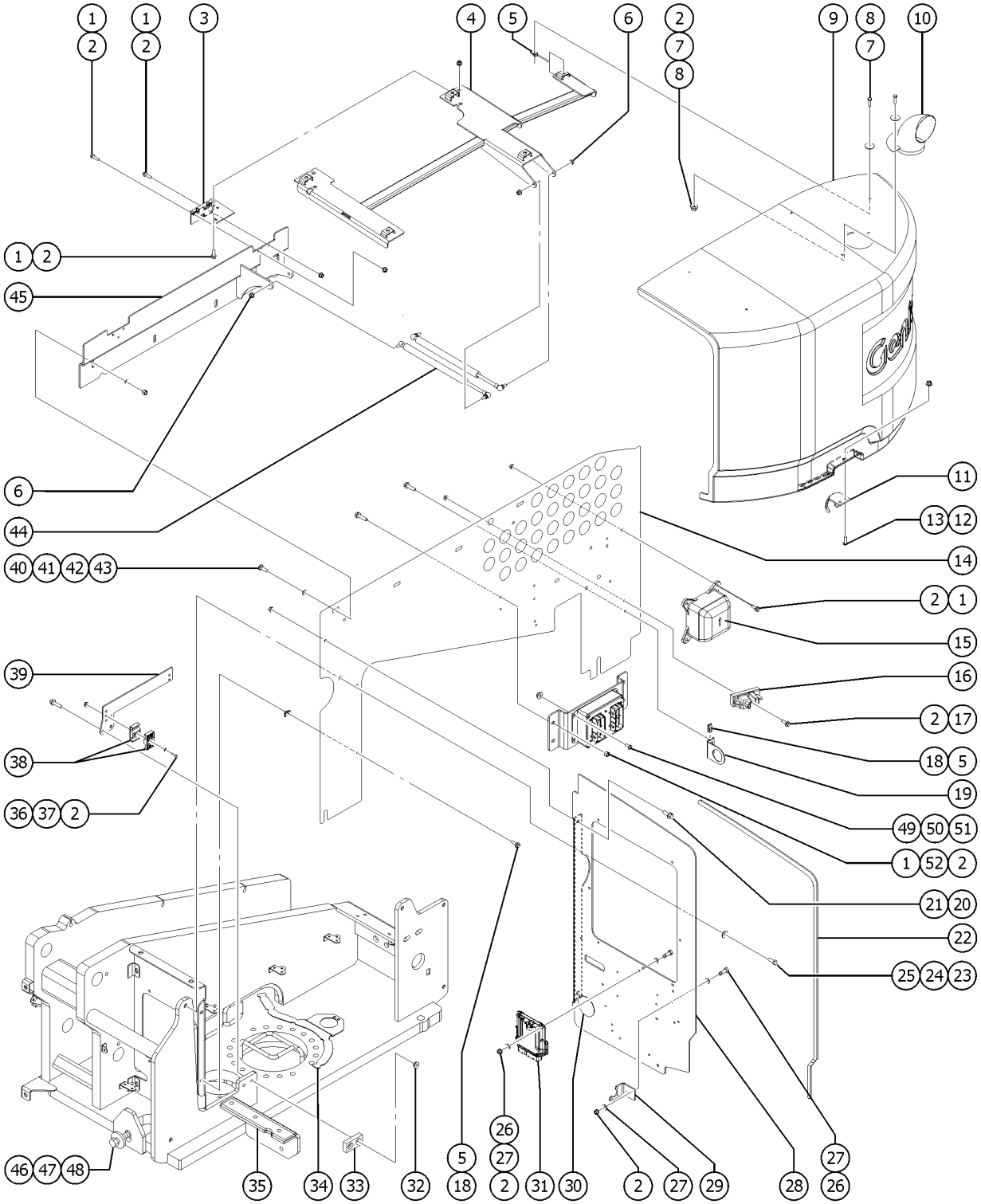
308.1 Ground Control Box, Models with LCD Readout Screen, View 2



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 SUPERSEDE; USE UNTIL EXHAUSTED	
20A	1263233GT	BOLT,SHS,5/16X.25X1/4-20,8,ZAG REPLACES 88315	
21	218449GT	WASHER,SHOULDER,NYLON	

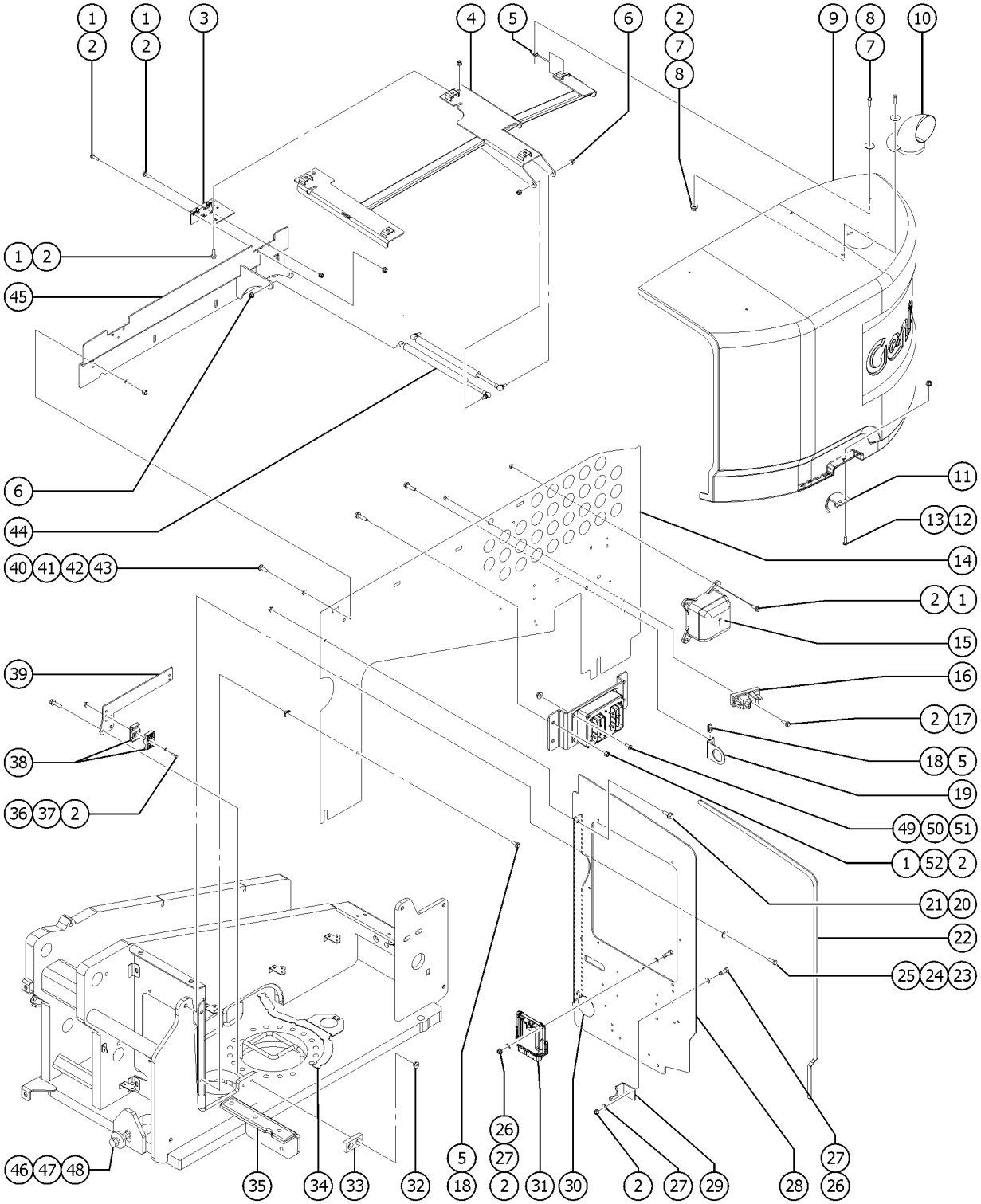
309.1 Turntable Cover, Engine Side



309.1 Turntable Cover, Engine Side

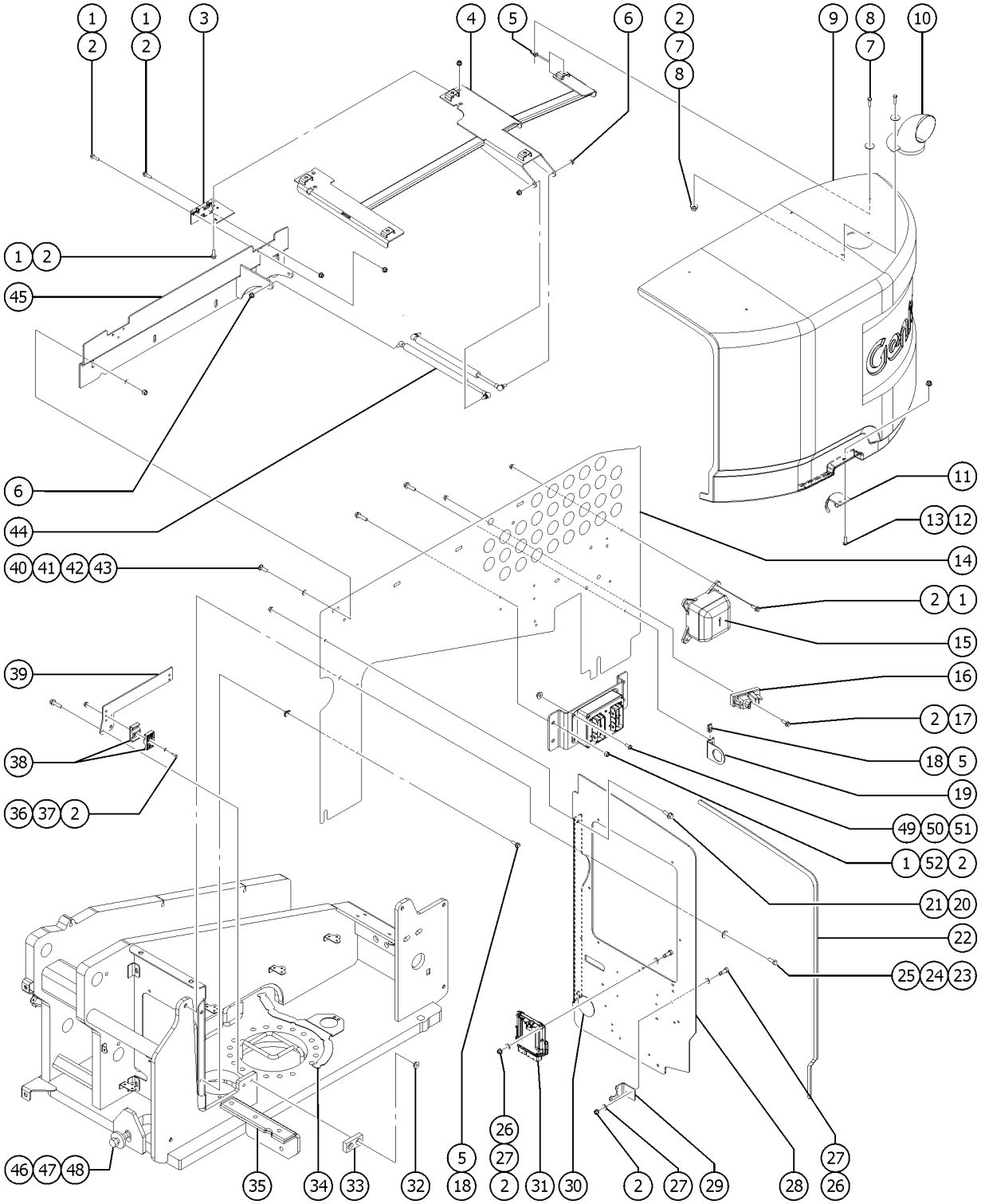
Item	Part No.	Description	Qty.
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	14
2	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	17
3	75073GT	HINGE,.375X.120THK.,SLOTTED	2
4	231601GT	WELD, COVER SUPPORT LH	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	9
6	824028GT	NUT,TL FLG,5/16-18,G,ZAG	4
7	824119GT	WASHER, FLAT, .25 X 1.25 X .062, ZAG	8
8	824060GT	SCREW, HHC, 1/4-20 X 1, 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, 10-32 X .75, ZAG	2
13	1264261GT	NUT,SERRATED,10-32,ZAG	2
14	1272680GT	BULKHEAD,ENGINE SIDE	1
15	822781GT	MODULE,FUSE&RELAY,DEUTZ 2.9 models with Deutz 2.9L4 engine	1
15-	1251499GT	FUSE, ATM, 15AMP	
15-	1251500GT	FUSE, ATM, 20AMP	
15-	1251501GT	FUSE, ATM, 30AMP	
15-	1251502GT	FUSE, ATM, 10AMP	
15-	1251503GT	RELAY, 12V MICRO, 35AMP	
15-	1251504GT	DIODE, 6A 22903-6V	
15-	1251505GT	TOOL, FUSE PULLER, ATM	
15-	1251510GT	CIRCUIT BREAKER,20AMP MINI	
15B	822793GT	MODULE,FUSE&RELAY,PERKINS 404F models with Perkins 404F-22 engine	1
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



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, 3/8-16 X 1.25, 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, 1/4-20 X 1.25, 8, ZAG	
27	824113GT	WASHER,FLAT,USS,1/4,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, 3/8-16 X 1.25, 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,1/4-20X1.75,8,ZAG	3
37	824113GT	WASHER,FLAT,USS,1/4,ZAG	3

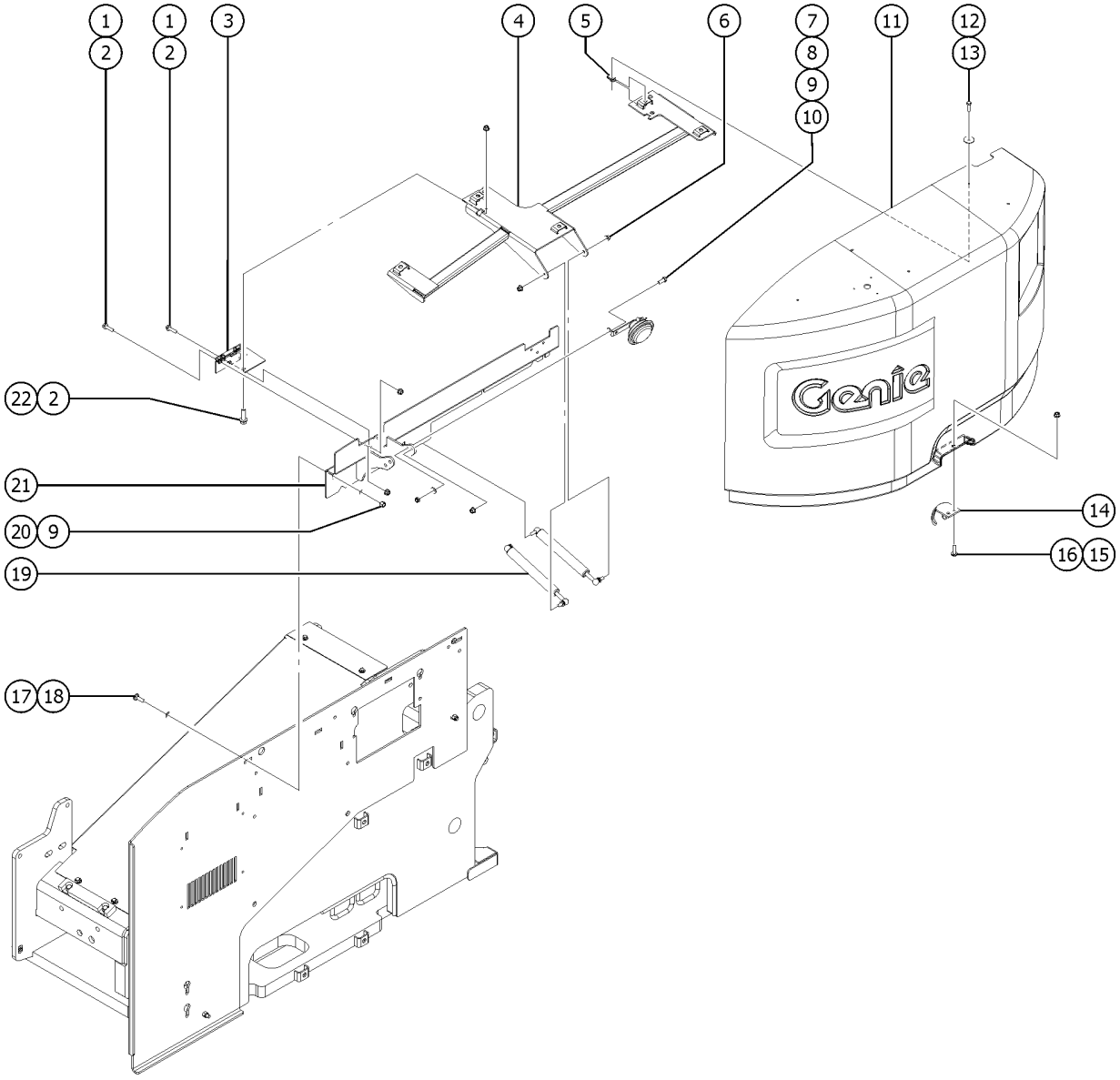
309.1 Turntable Cover, Engine Side



309.1 Turntable Cover, Engine Side

Item	Part No.	Description	Qty.
38	78736GT	CLAMP,2 HOSE,PLASTIC	6
39	217518GT	BRACKET,BATTERY CABLE	1
40	1255757GT	BOLT,CARRIAGE,3/8-16X1.25,5,ZAG	4
41	87684GT	PUSHRETAINER FOR 3/8"THRD SCREW	4
42	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG to SN Z4525F-61682	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 replaced by 1329691GT	1
50B	1329691GT	CONNECT BOX, PERK T4 EXT HARNESS	1
51	824214GT	SCREW,PHPM,6-32X.50,ZAG	4
52	1271458GT	MOUNT,JUMP HARN,Z45 PERK T4	1

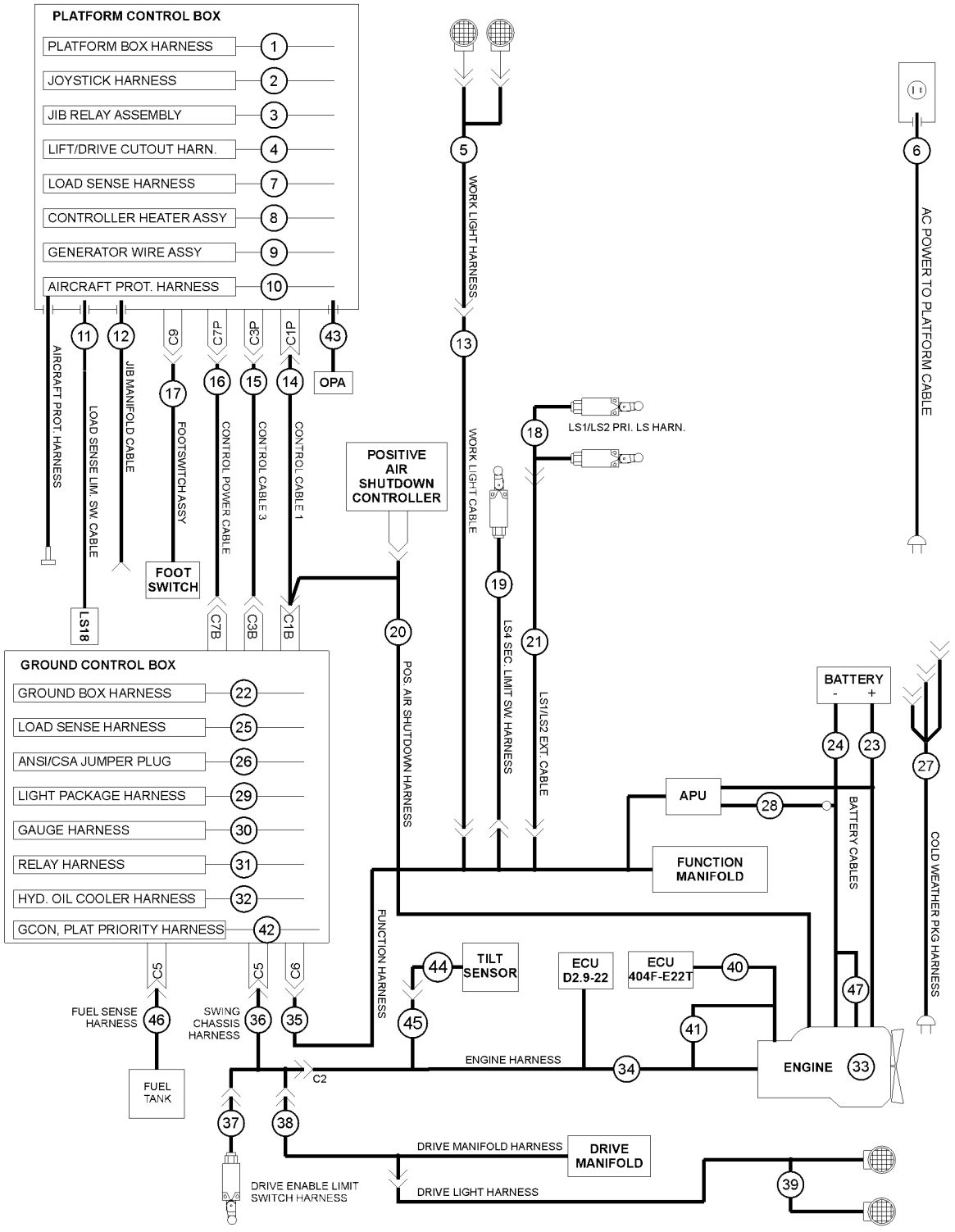
310.1 Turntable Cover, Tank Side



310.1 Turntable Cover, Tank Side

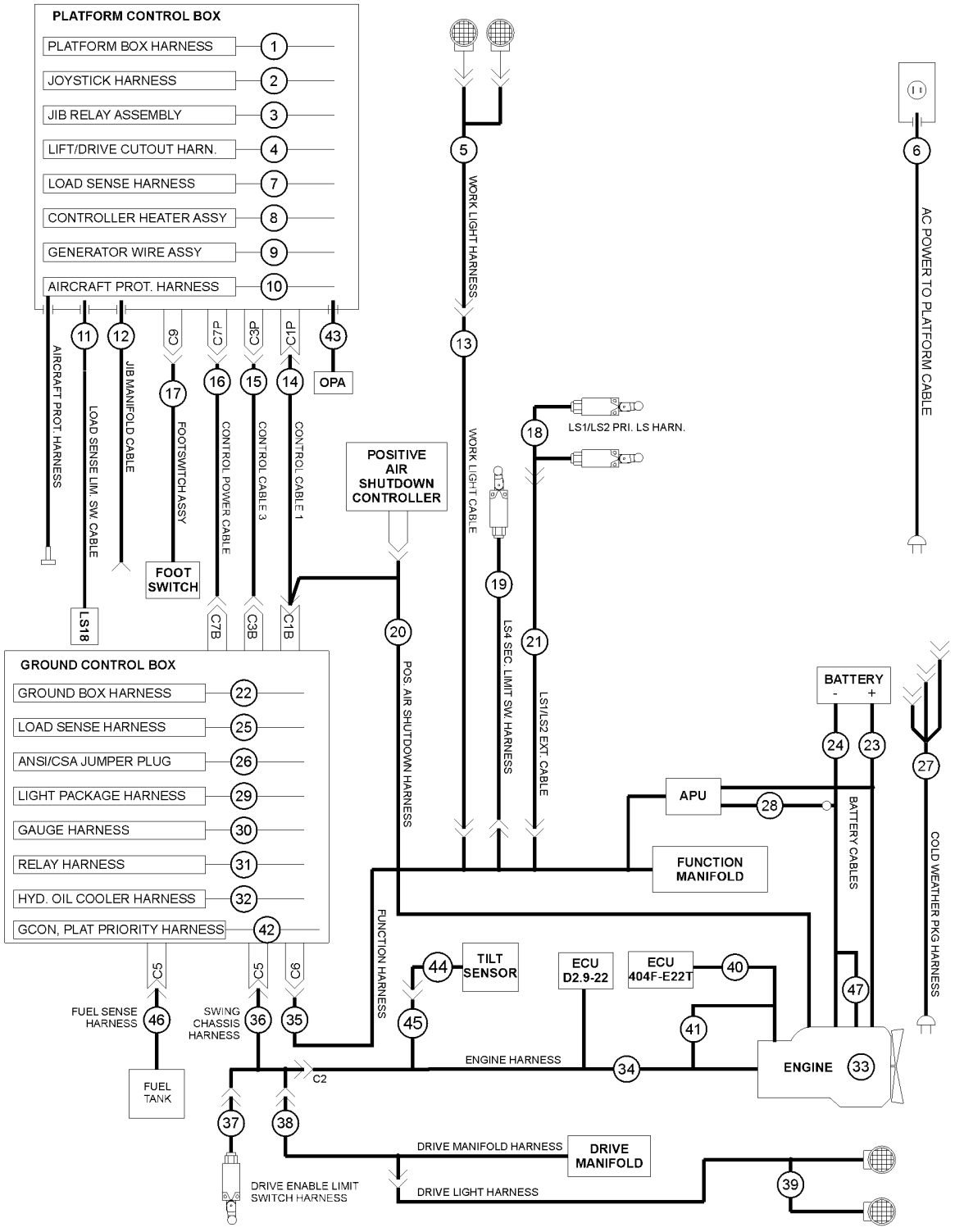
Item	Part No.	Description	Qty.
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	6
2	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	10
3	75073GT	HINGE,.375X.120THK.,SLOTTED	2
4	231597GT	WLDMT, COVER SUPPORT RH	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	5
6	824028GT	NUT,TL FLG,5/16-18,G,ZAG	4
7	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	1
8	81578GT	HORN,12VDC,SPADE TERMINALS***	1
9	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG to SN Z4525F-61682	1
10	824025GT	NUT,TL,3/8-16,C,ZAG	1
11	139957GT	COVER, TANK SIDE	1
12	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	5
13	824119GT	WASHER, FLAT, .25 X 1.25 X .062, ZAG	5
14	75076GT	KEEPER,LATCH (45363)	1
15	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	2
16	1264261GT	NUT,SERRATED,10-32,ZAG	2
17	1255757GT	BOLT,CARRIAGE,3/8-16X1.25,5,ZAG	4
18	87684GT	PUSHRETAINER FOR 3/8"THRD 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



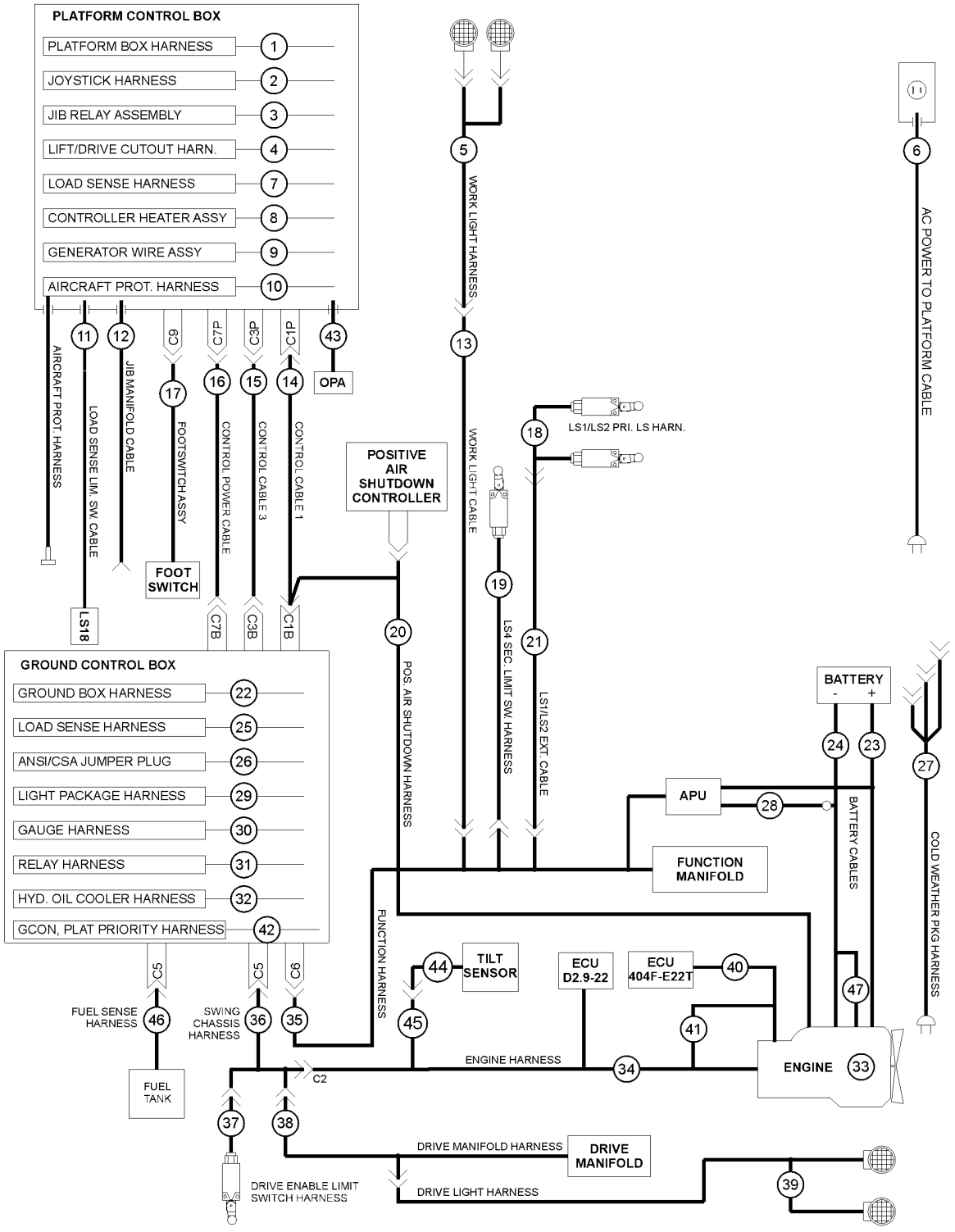
Item	Part No.	Description	Qty.
1	1262313GT	HARNESS, PBOX Refer 311.101	1
2	218781GT	HARNESS,JOYSTICK Refer 311.102	1
3	1262643GT	HARNESS, JIB OPTION Refer 311.103	1
4	1262315GT	HARNESS, PBOX, LIFT/DRIVE Refer 311.104	1
5	T114627GT	HARNESS,12V WORK LIGHTS Refer 311.105	1
6	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL Z-45/25	756 Inches
7	1261296GT	HARNESS ASSY,PCON,LOAD SENSE Refer 311.107	
8	219683GT	ASSY,ALC500 HEATER,Z45/Z51 Refer 311.108	1
9	219672GT	HARNESS,GENERATOR,PBOX,Z45/51 Refer 311.109	
10	1262314GT	HARNESS, PBOX, PROX KILL Refer 311.110	1
--	27391GT	PROXIMITY SENSOR*** Refer 311.110B	1
11	147786GT	ASSY, LS, LOAD SENSE, 89 IN Z45/25, CE and Australia (Refer 311.111)	
12	101080GT	HARNESS,JIB SELECT MANIFOLD Refer 311.112	1
13	160554GT	HARN,CABLE,WORK LIGHTS,Z45 Z-45/25 and Z-45/25J (Refer 311.113)	1
14	217899GT	HARN,CONTROL CABLE1,Z45 Z45/25 (Refer 311.114)	1
15	217900GT	HARN,CONTROL CABLE3,Z45 Z45/25 (Refer 311.115)	1
16	217901GT	HARN 12/3 CABLE2,Z45 Z45/25 (Refer 311.116)	1
17	227617GT	ASSEMBLY,FOOT SWITCH Refer 311.117	1
18	88725GT	HARNESS,LS,PRIM/EXT Refer 311.118	1
19	218684GT	HARNESS,LS SEC UP/DOWN Refer 311.119	1
20	219681GT	HARN,POS. AIR SHUTDOWN,Z45IC (option) (Refer 311.120)	1
21	218685GT	HARNESS,LS EXTEND PIGTAIL Refer 311.121	1
22	1262312GT	HARNESS, GBOX Refer 311.122A	1
22-	36899GT	SPLICE,PARALLEL,RED,INSULATED	
22-	56445GT	DIODE,6 AMP 200 PIV,REEL	
22B	1255663GT	HARNESS,GBOX,T4,Z45 for models with Deutz D2.9 & Perkins 404F-22 engines (Refer 311.122B)	1
22B-	36899GT	SPLICE,PARALLEL,RED,INSULATED	

311.1 Wire Harness Diagram



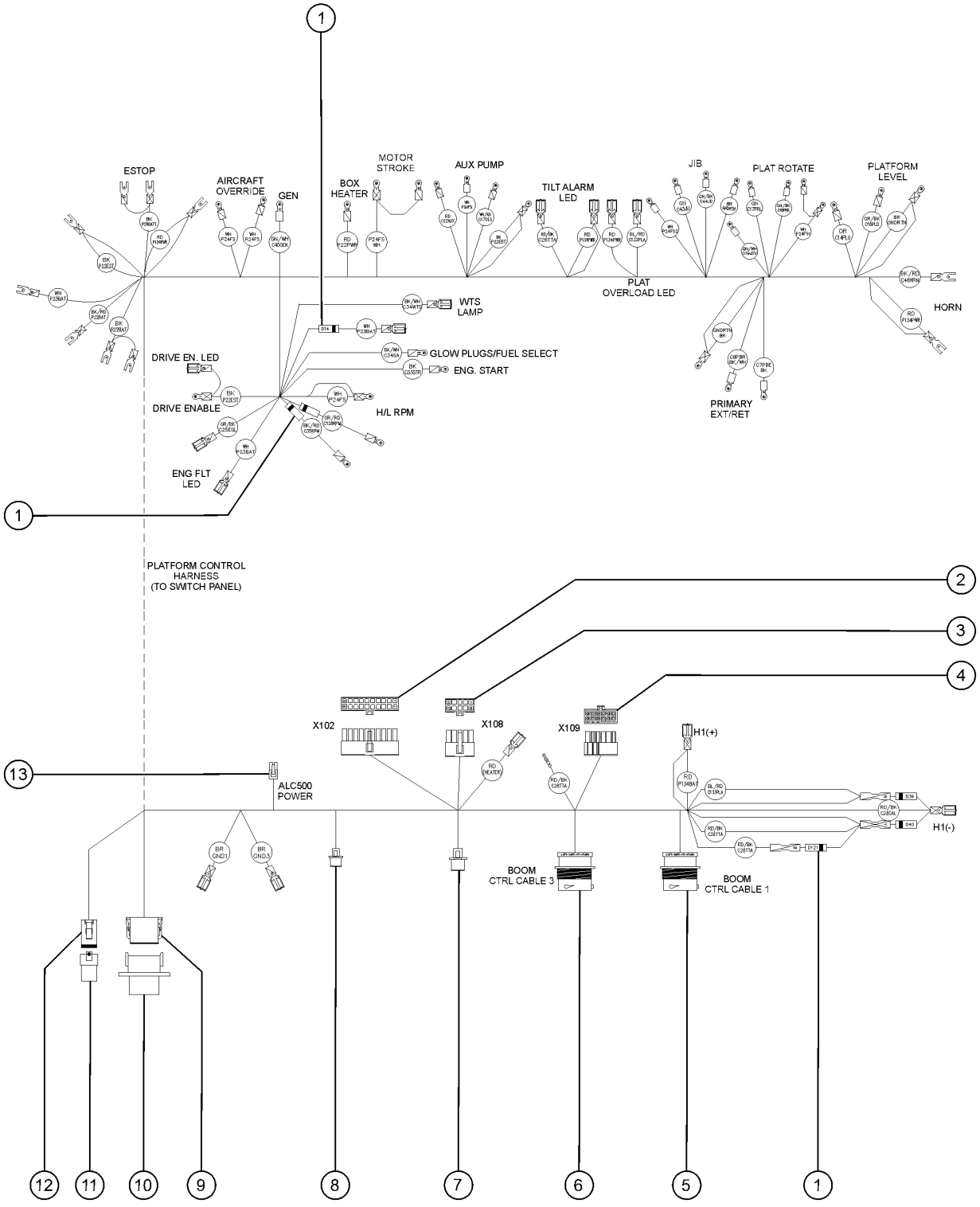
Item	Part No.	Description	Qty.
22B-	56445GT	DIODE,6 AMP 200 PIV,REEL	
23	218454GT	BATTERY CABLE,POSITIVE,RED (Refer 311.123A)	1
23B	1287652GT	BATTERY CABLE, POSITIVE, RED Perkins 404F-E22T models only (from SN Z4525F-60063) (Refer 311.123B)	1
24	218455GT	BATTERY CABLE,NEGATIVE,BLACK Refer 311.124	1
25	219305GT	HARNESS,JUMPER,LOAD SENSE,GBOX Refer 311.125	1
26	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING Refer 311.126	1
27	161078GT	ASSY,240V COLD WEATHER PKG. (option)	1
27B	161079GT	ASSY,120V COLD WEATHER PKG. (option)	1
28	218506GT	BATTERY CABLE,NEGATIVE,APU Refer 311.128	1
29	219685GT	HARNESS,RELAY,LIGHT PKG,Z45/51 Refer 311.129	1
30	219673GT	HARNESS,GAUGE,Z45/51	1
31	1255780GT	HARNESS,RELAY,GBOX,Z45IC for models with Deutz D2011L03 & Perkins 404D-22 engines (Refer 311.131A)	1
31B	1255781GT	HARNESS,RELAY,GBOX,Z45 GAS/LP for models with Ford MSG-425 (Refer 311.131B)	1
31C	1255779GT	HARNESS ASSY,RELAY 404F,Z45 for models with Perkins 404F-22 engines (Refer 311.131C)	1
31D	1255778GT	HARNESS ASSY,RELAY D.29,Z45 for models with Deutz D2.9L4 engines (Refer 311.131D)	1
32	220234GT	HARNESS,RELAY,OIL COOLER (option) Refer 311.132	1
33	1283971GT	HARNESS, Z45 DEUTZ D2.9 for models with Deutz D2.9L4 (Refer 311.133A)	1
33B	160681GT	HARN,2ND GLOW PLUG,DTZ for models with Deutz D2011L03 (Refer 311.133B)	1
33C	1281785GT	HARN,DTZ COOLANT SENSOR EXT. for models with Deutz D2.9 engine (from SN 58483) (Refer 311.133C)	
34	217903GT	HARN FORD ENGINE Z45-2012 for models with Ford MSG-425 (Refer 311.134A)	1
34B	217902GT	HARN PERKINS ENGINE Z45-2012 for models with Perkins 404D-22 engines (Refer 311.134B)	1
34C	822047GT	HARNESS, Z45 PERKINS 404F for models with Perkins 404F-22 engines (Refer 311.134C)	1
34D	216339GT	HARN DEUTZ ENGINE Z45-20 for models with Deutz D2011L03 (Refer 311.134D)	1
34E	822049GT	HARNESS, Z45 DEUTZ D2.9 for models with Deutz D2.9 engines (to SN 57697) (Refer 311.134E)	1
34F	1270909GT	HARNESS, Z45 DEUTZ D2.9 for models with Deutz D2.9 engines (from SN 57698) (Refer 311.134F)	1
35	217957GT	HARN, FUNCTION MANIFOLD,Z45IC Refer 311.135	1
36	217782GT	HARN,SWING CHASSIS,Z45IC/Z51 Refer 311.136	1
37	110160GT	HARNESS,LS,D.E. Z45 Refer 311.137	1

311.1 Wire Harness Diagram



Item	Part No.	Description	Qty.
38	217904GT	HARN BRAKE-MS ADAPTER CABLE Refer 311.138	1
39	219684GT	HARN,DRIVE LIGHTS,Z45/Z51 Refer 311.139	1
40	1271124GT	CONNECT BOX, PERK T4 EXT HARN Perkins replaced by 1329691GT	1
40B	1329691GT	CONNECT BOX, PERK T4 EXT HARNESS	1
40C	1287647GT	HARNESS, ENGINE, PERKINS 404F-E22T, Z45 Perkins 404F-E22T models only (from SN Z4525F-60063) (Refer 311.140B)	1
41	822513GT	HARN,PERKINS 404F,6WAY EXT Refer 311.141A	1
41B	1287839GT	HARNESS ADAPTER, ENGINE, PERKINS 404F-E22T Perkins 404F-E22T models only (from SN Z4525F-60063) (Refer 311.141B)	1
42	1261298GT	HARNESS ASSY,GCON,PLAT PRTY Refer 311.142	1
43	1255555GT	HARN,PBOX,OPA,HW,12V option(Refer 311.143A)	1
43B	1255030GT	PLUG,BLANKING	1
44	94077GT	SENSOR,LEVEL,4.5 DEG	1
44B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5	1
45	1261844GT	HARNESS, TILT 12V, CSA Refer 311.145	1
46	1272909GT	HARNESS, FUEL SENSE, Z45IC FAMILY Refer 311.146	1
47	1288161GT	CABLE, GND JUMPER Perkins 404F-E22T models only (from SN Z4525F-60063)	1

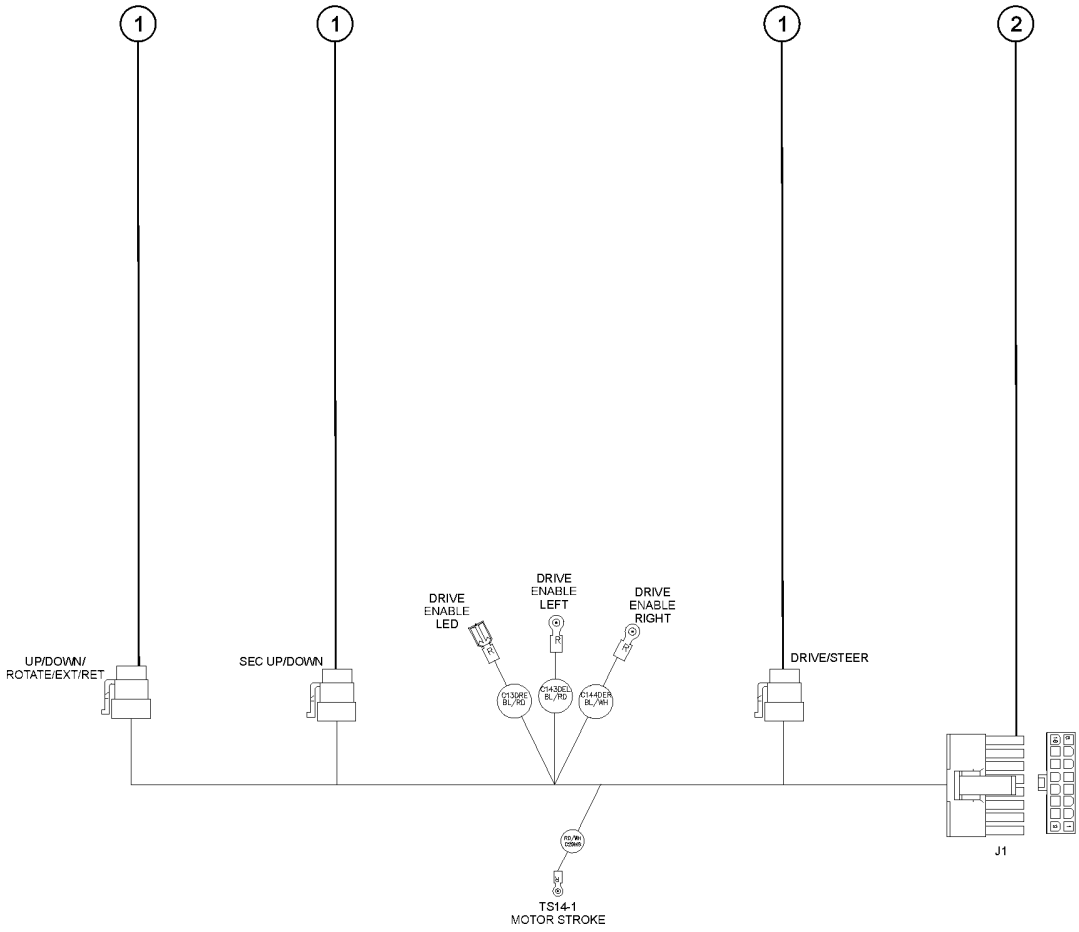
311.101 Harness, PBox



311.101 Harness, PBox

Item	Part No.	Description	Qty.
-	1262313GT	HARNESS, PBOX	1
-	101191GT	WIRE LOOM,1"DIA.SLIT,HI TEMP	10 Inches
1	56445GT	DIODE,6 AMP 200 PIV,REEL	
2	81545GT	CONN,MOLEX 20 WAY	1
3	147621GT	CONN,MOLEX 10 WAY	1
4	229152GT	CONN,MOLEX 12 WAY	1
5	216374GT	CONN RECPT HDP20 23W ES REVES	1
5-	216372GT	LOCKWASHER, RECEP, HDP20	1
6	216371GT	CONN PLG HDP20 23W E-SEAL	1
6-	216372GT	LOCKWASHER, RECEP, HDP20	1
7	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
7-	60526GT	LOCK,RECEP 4 WAY,12-14GA	1
8	73723GT	CONN RECEPT,FLANGED	1
8-	60443GT	LOCK, RECEP 4WAY, 14-18GA	1
9	119061GT	CONN, PLUG, 12 WAY, DEUTSCH, DT, GRAY	1
9-	60435GT	LOCK, PLUG 12WAY, 14-18GA, GRN	1
10	73730GT	CONN, RECEP, 12 WAY, DEUTSCH, DT, GRAY/FLANGE	1
10-	54255GT	LOCK, RECEP 12WAY, 14-18GA	1
11	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP	1
11-	60443GT	LOCK, RECEP 4WAY, 14-18GA	1
12	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	1
12-	60429GT	LOCK, PLUG 4WAY, 14-18GA	1
13	81547GT	CONN,MOLEX 4 WAY PLASTIC	1

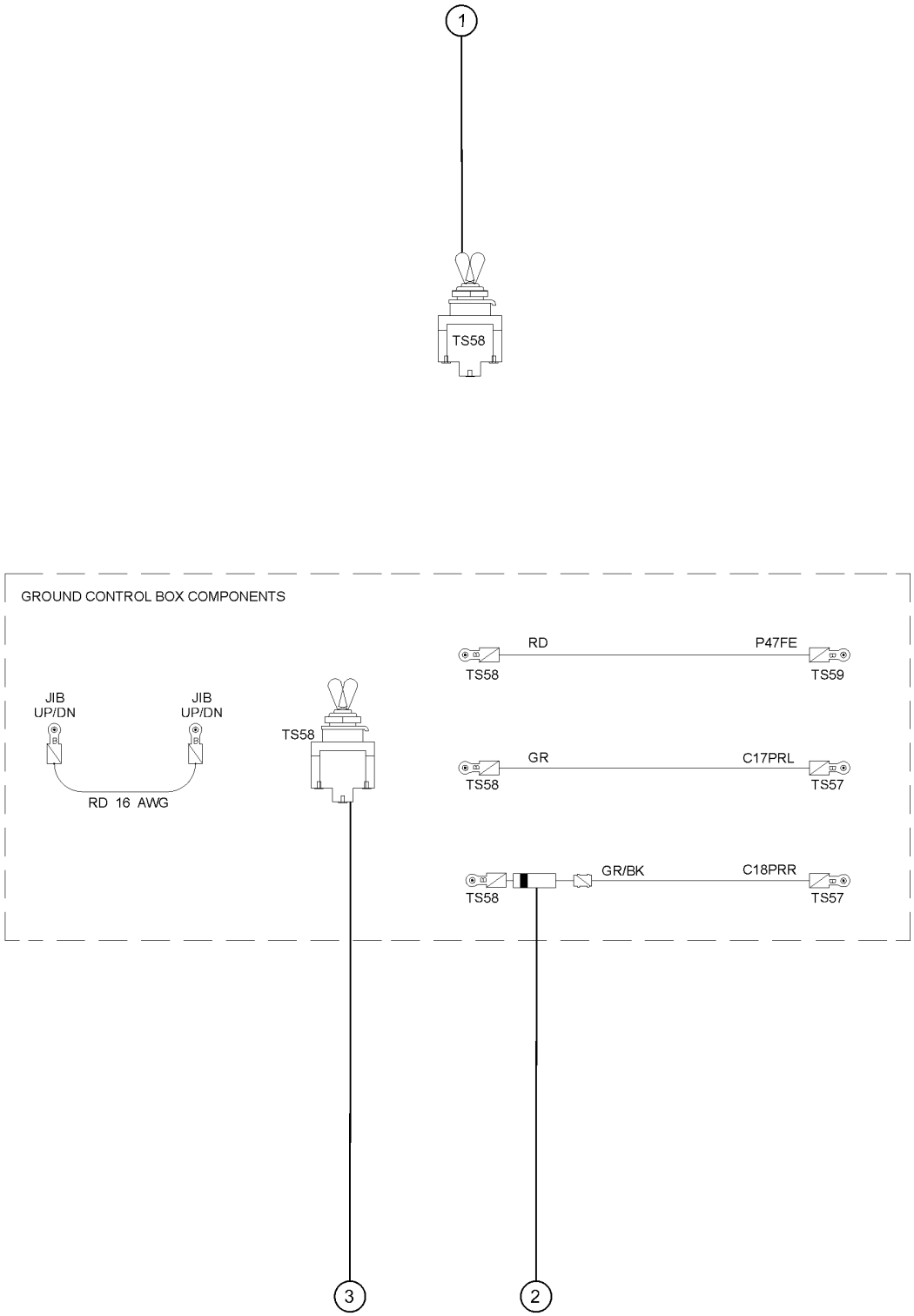
311.102 Harness, Joystick



311.102 Harness, Joystick

Item	*Part No.*	*Description*	*Qty.*
-	218781GT	HARNESS,JOYSTICK	1
1	99343GT	CONNECTOR,PLUG 6 WAY 18-20 GA	3
-1	99344GT	LOCK,PLUG 6 WAY 18-20GA	3
2	81546GT	CONN, PLUG 16 WAY, MOLEX	1

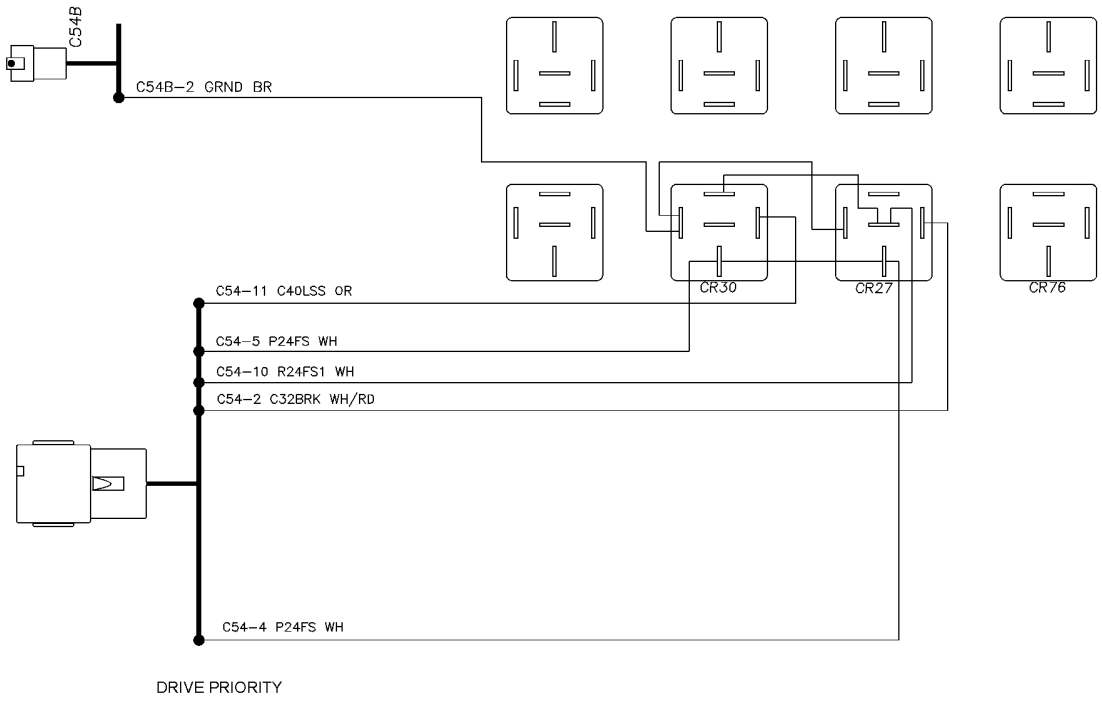
311.103 Harness, Jib Option



311.103 Harness, Jib Option

Item	*Part No.*	*Description*	*Qty.*
-	1262643GT	HARNESS, JIB OPTION	1
-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	2
-	34053GT	ASSY,RELAY SOCKET, AUTO	2
1	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
2	56445GT	DIODE,6 AMP 200 PIV,REEL	
3	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM	1

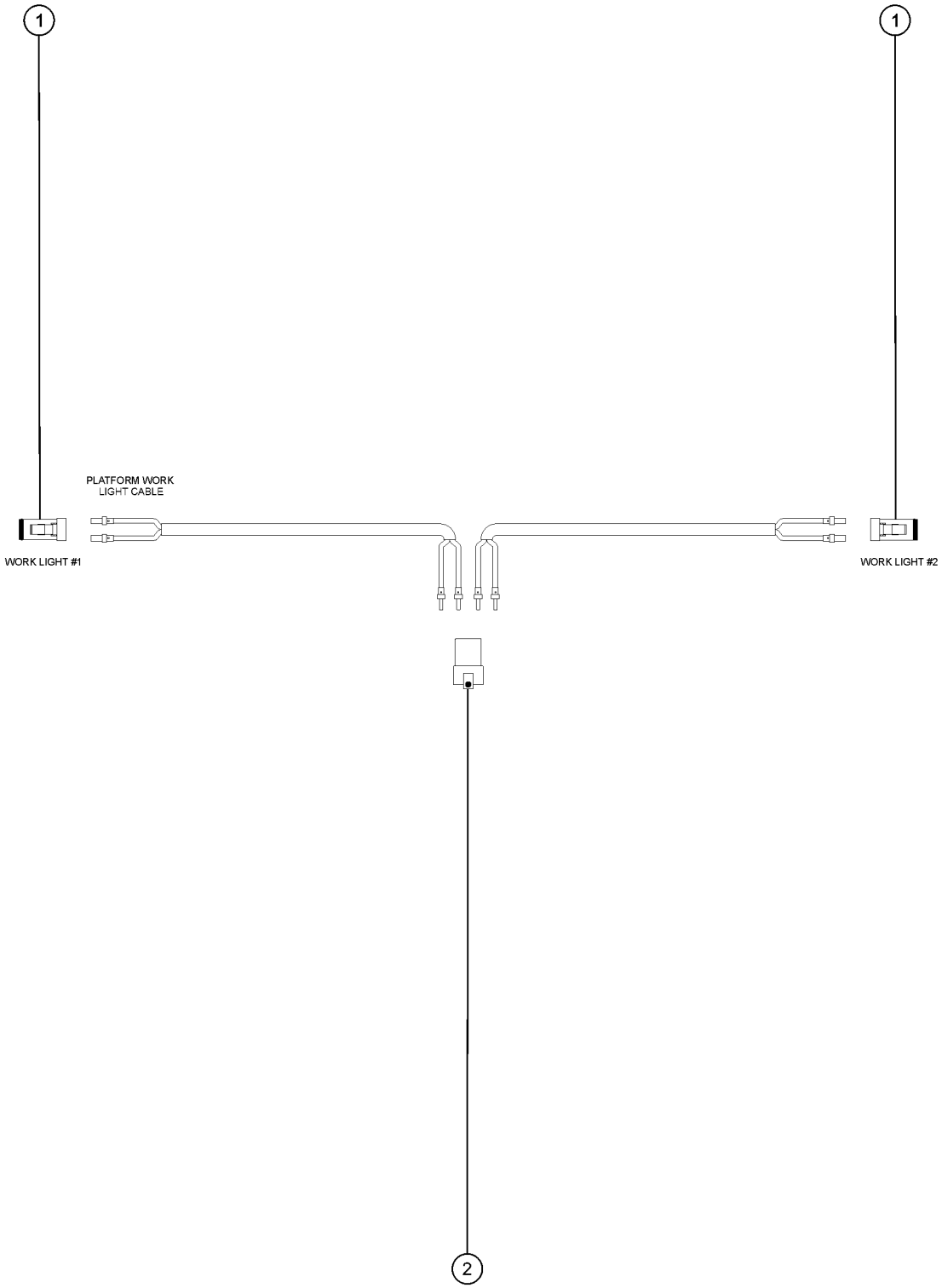
311.104 Harness, PBox, Lift/Drive



311.104 Harness, PBox, Lift/Drive

Item	*Part No.*	*Description*	*Qty.*
-	1262315GT	HARNESS, PBOX, LIFT/DRIVE	1
-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	2
-	34053GT	ASSY,RELAY SOCKET, AUTO	2

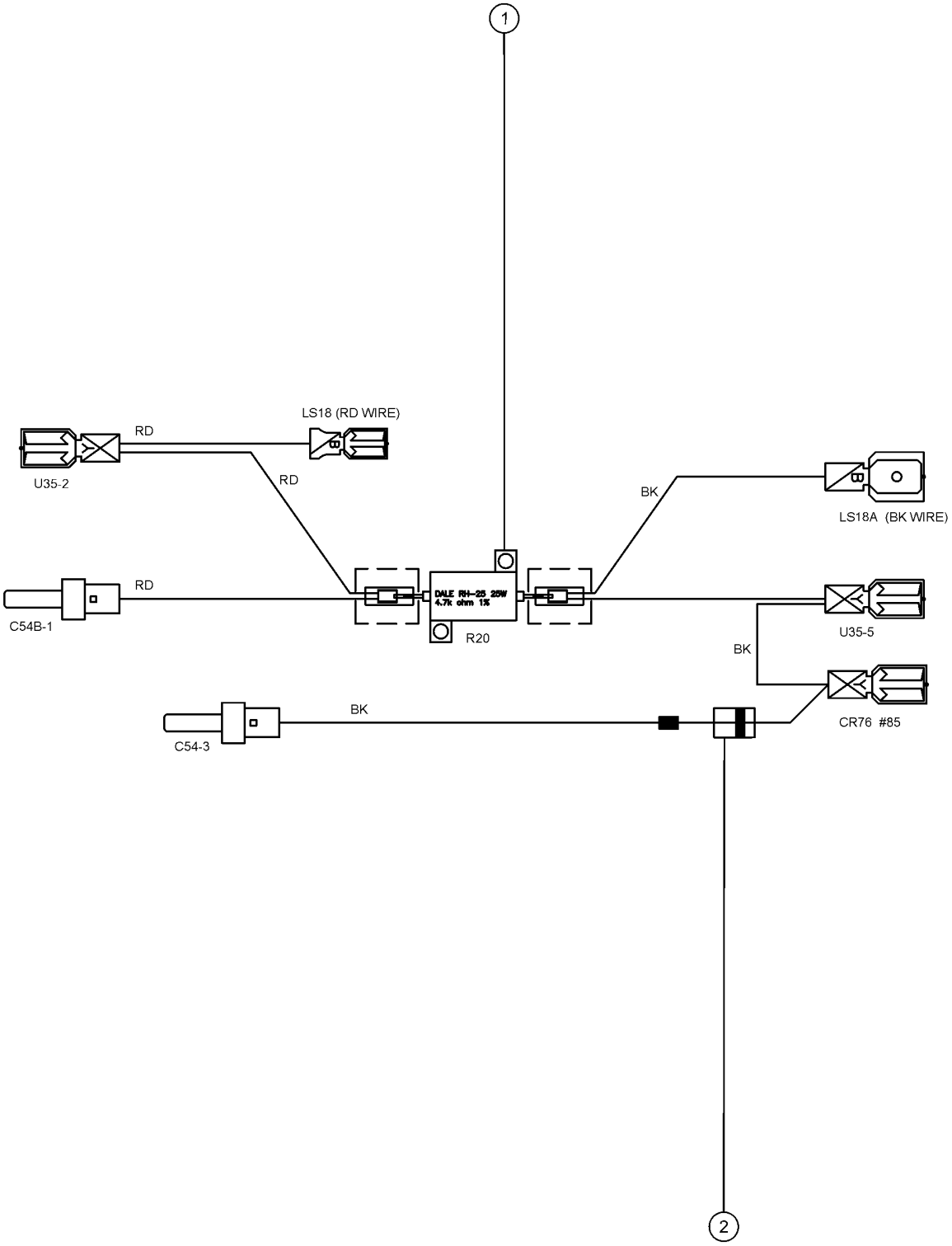
311.105 Harness, 12V Work Lights



311.105 Harness, 12V Work Lights

Item	*Part No.*	*Description*	*Qty.*
-	T114627GT	HARNESS,12V WORK LIGHTS	1
1	119056GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, ENDCAP	2
1-	60425GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, LOCK	2
2	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP	1
2-	60443GT	LOCK, RECEP 4WAY, 14-18GA	1

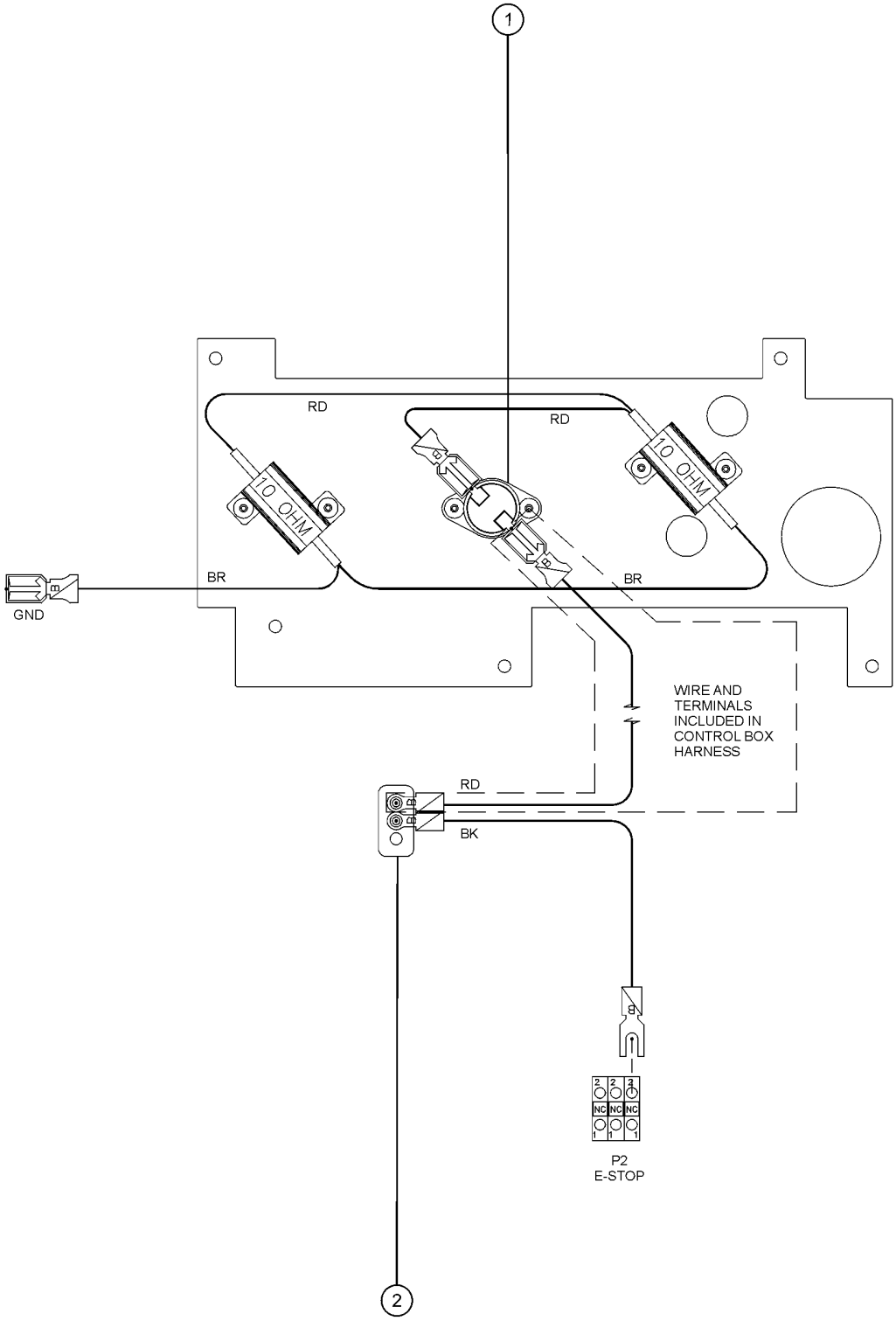
311.107 Harness Assy, PCon, Load Sense



311.107 Harness Assy, PCon, Load Sense

Item	*Part No.*	*Description*	*Qty.*
-	1261296GT	HARNESS ASSY,PCON,LOAD SENSE	1
-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	1
-	34053GT	ASSY,RELAY SOCKET, AUTO	1
1	121843GT	RESISTOR,4.7K OHM,25 WATT	1
1-	121847GT	RELAY,TIME DELAY,2 SEC,30A	1
2	56445GT	DIODE,6 AMP 200 PIV,REEL	3

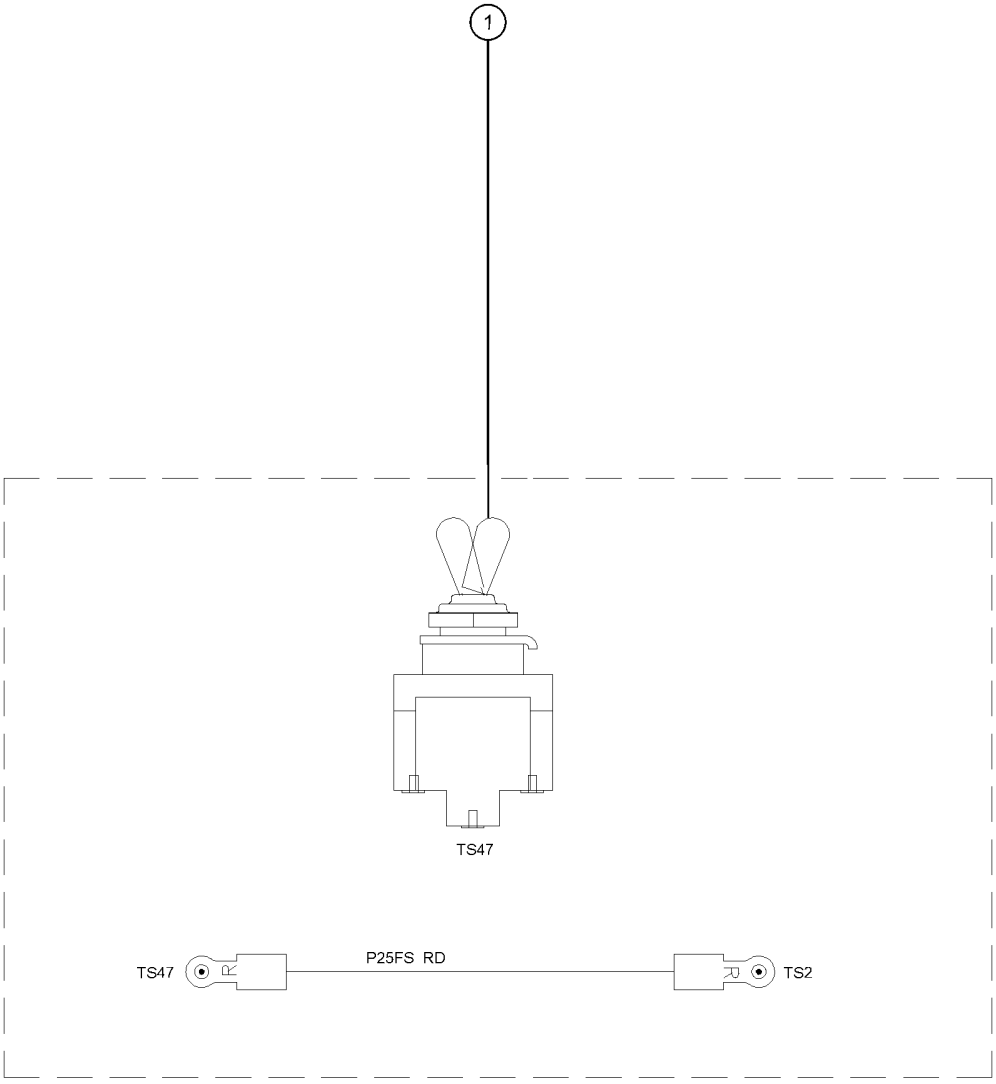
311.108 Assy, ALC500 Heater, Z45/Z51



311.108 Assy, ALC500 Heater, Z45/Z51

Item	*Part No.*	*Description*	*Qty.*
-	219683GT	ASSY,ALC500 HEATER,Z45/Z51	1
1	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
2	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1

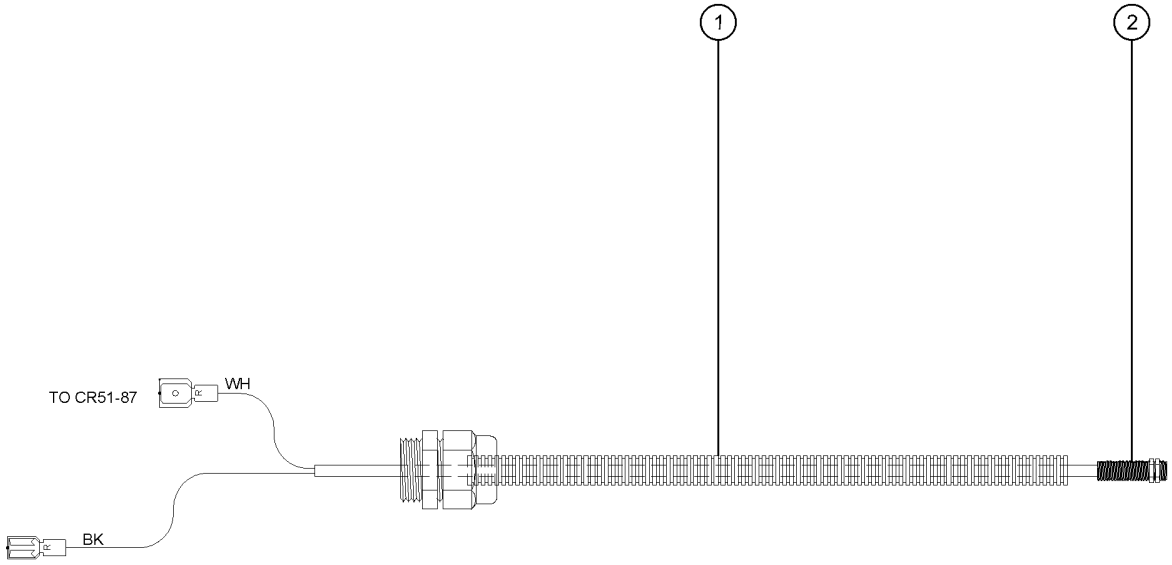
311.109 Harness, Generator, PBox,Z45/51

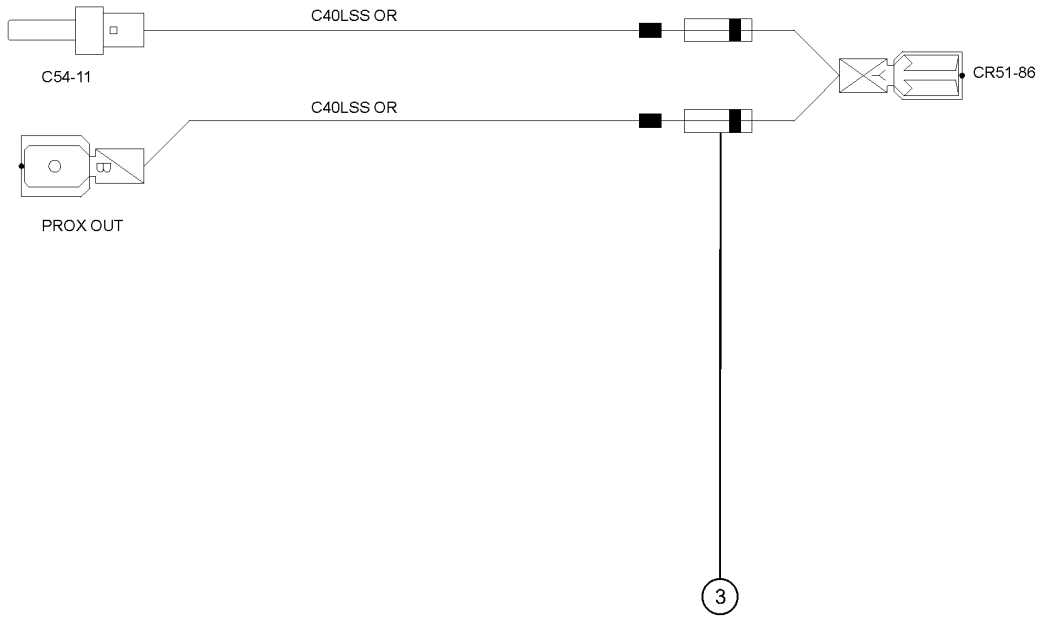


311.109 Harness, Generator, PBox,Z45/51

Item	Part No.	Description	Qty.
-	219672GT	HARNESS,GENERATOR,PBOX,Z45/51	1
1	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1

311.110 Harness, PBox, PRox Kill

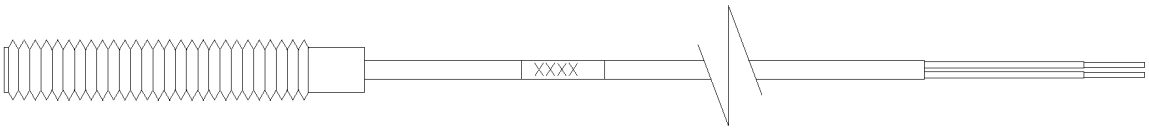




311.110 Harness, PBox, PRox Kill

Item	Part No.	Description	Qty.
-	1262314GT	HARNESS, PBOX, PROX KILL	1
-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	1
-	34053GT	ASSY,RELAY SOCKET, AUTO	1
-	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR	1
1	20973GT	WIRE LOOM,3/8 POLY SLIT	70 Inches
2	27391GT	PROXIMITY SENSOR***	1
3	56445GT	DIODE,6 AMP 200 PIV,REEL	2

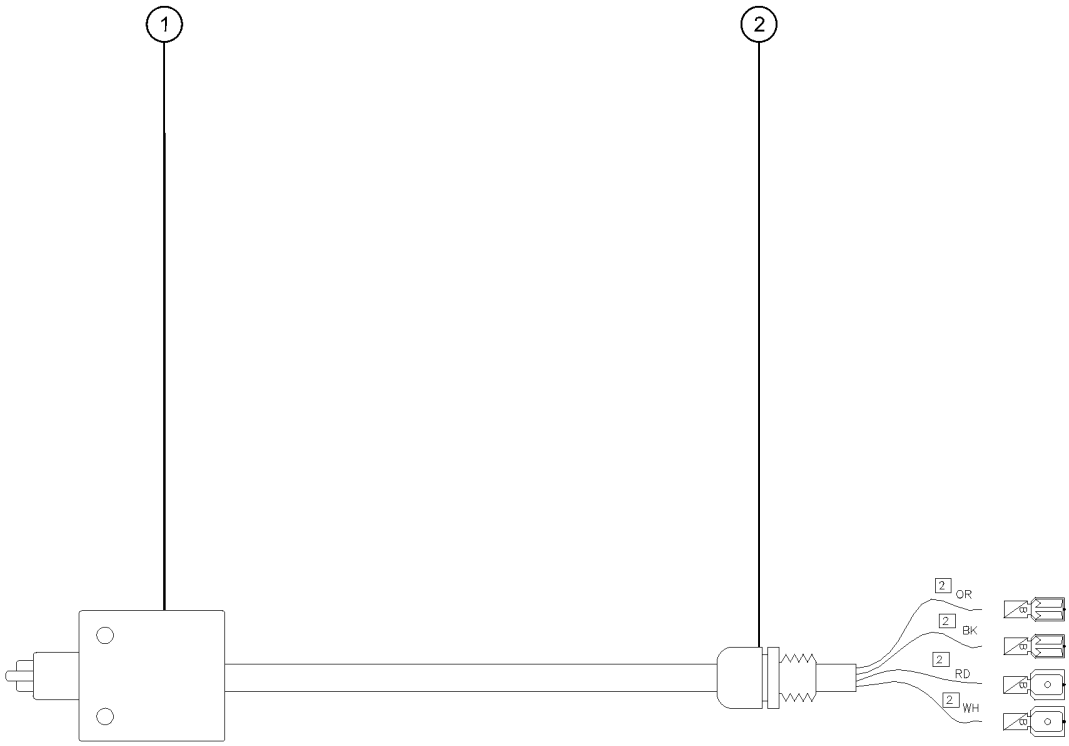
311.110B Proximity Sensor***



311.110B Proximity Sensor***

Item	Part No.	Description	Qty.
-	27391GT	PROXIMITY SENSOR***	

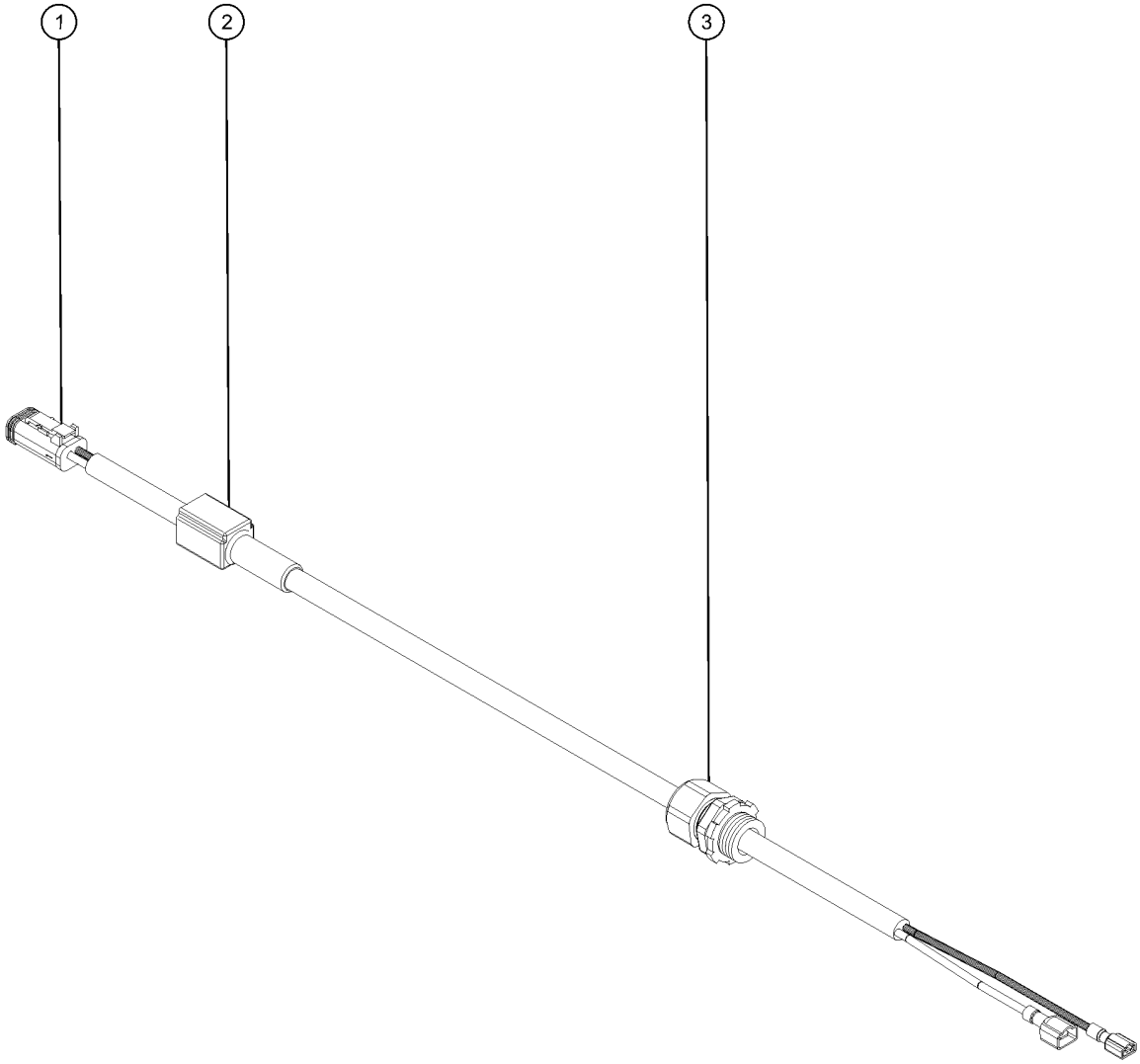
311.111 Assy, LS, Load Sense, 89 IN



311.111 Assy, LS, Load Sense, 89 IN

Item	*Part No.*	*Description*	*Qty.*
-	147786GT	ASSY, LS, LOAD SENSE, 89 IN Z45/25, CE and Australia	1
1	147785GT	SWITCH,ROLLER PLUNGER LIMIT,LG	1
2	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
2-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1

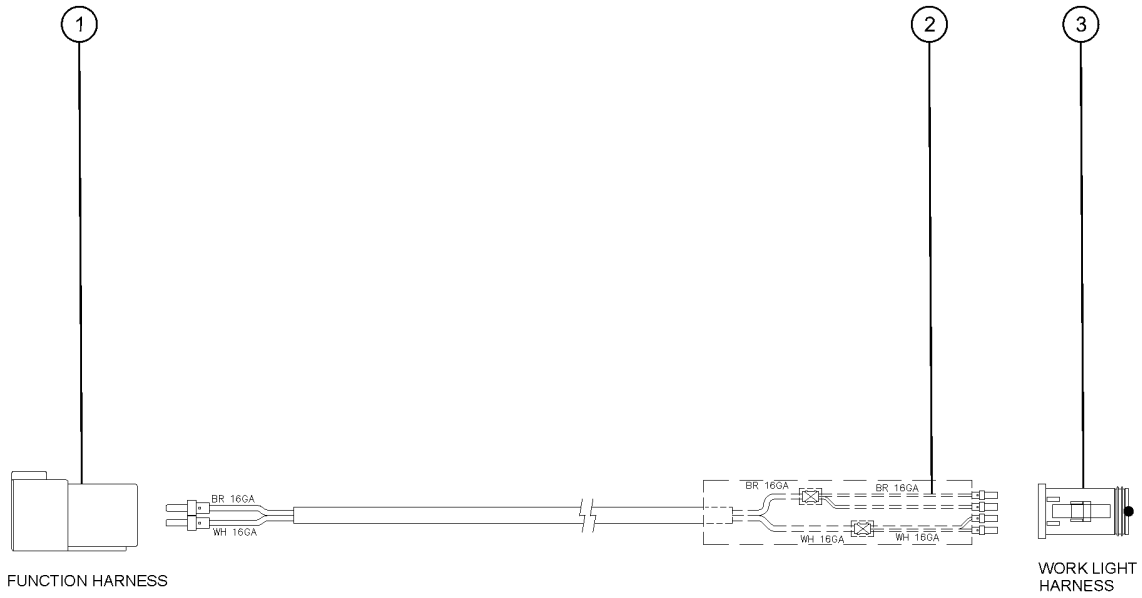
311.112 Harness, Jib Select Manifold



311.112 Harness, Jib Select Manifold

Item	*Part No.*	*Description*	*Qty.*
-	101080GT	HARNESS,JIB SELECT MANIFOLD	1
1	119056GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, ENDCAP	1
1-	60425GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, LOCK	1
2	73814GT	CONN,DSCH,BOOT,DT2S-BT	1
3	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
3-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1

311.113 Harn, Cable, Work Lights, Z45



311.113 Harn, Cable, Work Lights, Z45

Item	*Part No.*	*Description*	*Qty.*
-	160554GT	HARN,CABLE,WORK LIGHTS,Z45 Z-45/25 and Z-45/25J	1
1	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP	1
1-	60443GT	LOCK, RECEP 4WAY, 14-18GA	1
2	94652GT	WIRE LOOM,1/2DIA.SLIT HI-TEMP*	12 Inches
3	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	1
3-	60429GT	LOCK, PLUG 4WAY, 14-18GA	1

311.114 Harn, Control Cable1, Z45



311.114 Harn, Control Cable1, Z45

Item	*Part No.*	*Description*	*Qty.*
-	217899GT	HARN,CONTROL CABLE1,Z45 Z45/25	1
1	216375GT	CONN PLG HDP20 23W ES REV RING	1
1-	60757GT	PLUG, SEAL, 12-18GA	1
2	216376GT	CONN PLG HDP20 23W ES REV THRD	1
2-	60757GT	PLUG, SEAL, 12-18GA	1

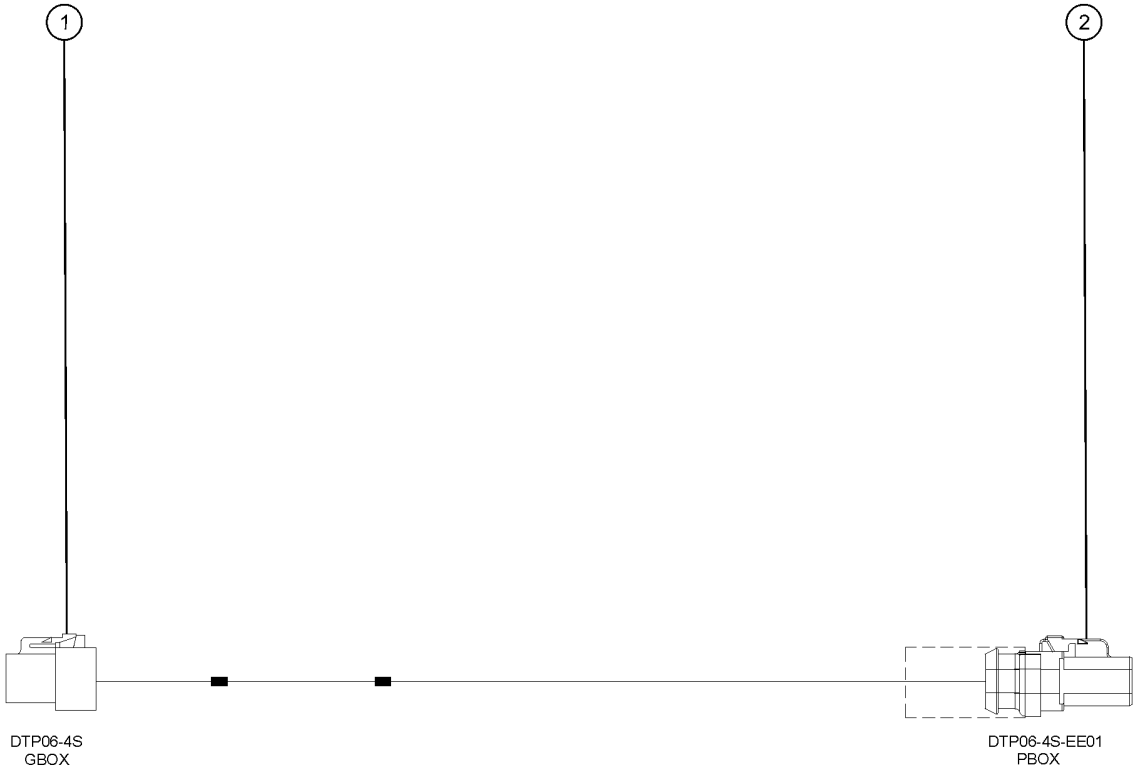
311.115 Harn, Control Cable3, Z45



311.115 Harn, Control Cable3, Z45

Item	*Part No.*	*Description*	*Qty.*
-	217900GT	HARN,CONTROL CABLE3,Z45 Z45/25	1
1	216381GT	CONN PLG HDP20 23W ES RING ADA	1
1-	60757GT	PLUG, SEAL, 12-18GA	4
2	216373GT	CONN PLG HDP20 23W ES THREAD	1
2-	60757GT	PLUG, SEAL, 12-18GA	4

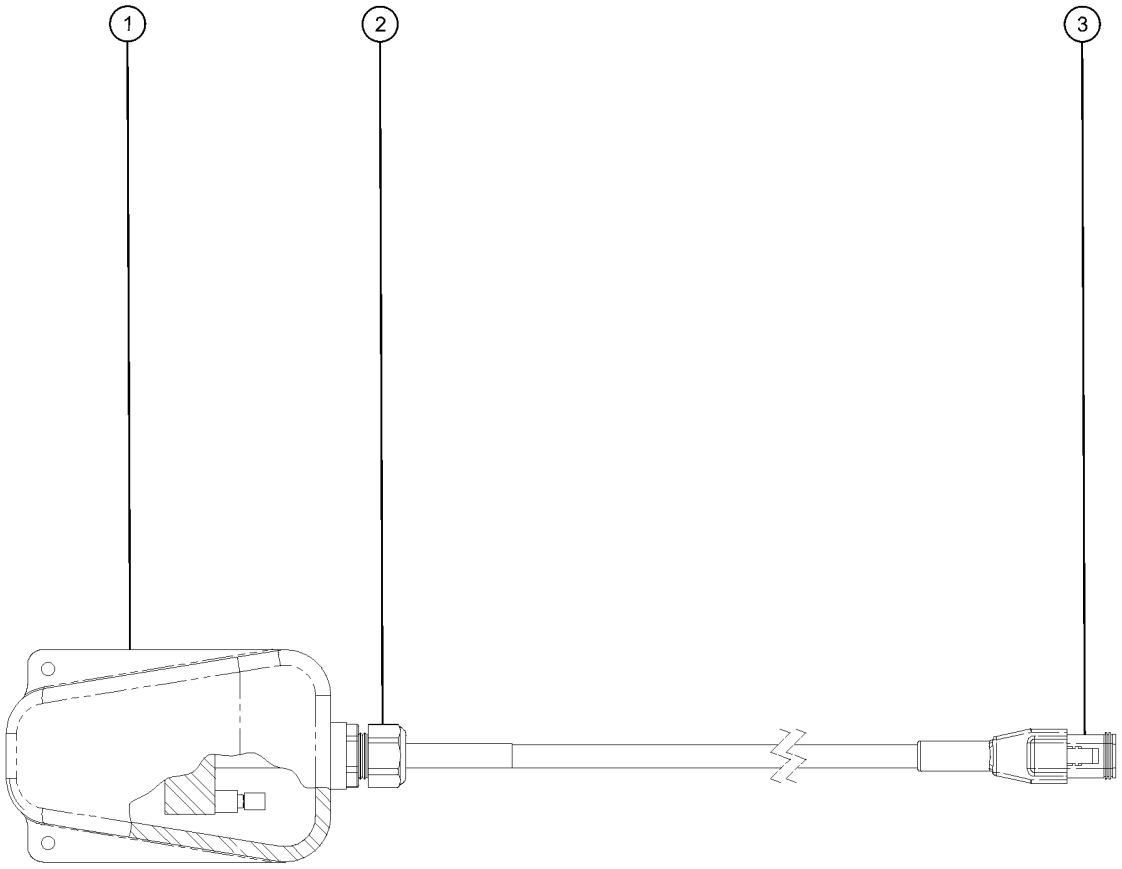
311.116 Harn, 12/3 Cable2, Z45



311.116 Harn, 12/3 Cable2, Z45

Item	*Part No.*	*Description*	*Qty.*
-	217901GT	HARN 12/3 CABLE2,Z45	1
1	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	1
1-	60528GT	LOCK,PLUG 4 WAY,12-14GA***	1
2	1253701GT	CONN,PLUG 4 WAY,12-14GA EXT	1
2-	60528GT	LOCK,PLUG 4 WAY,12-14GA***	1

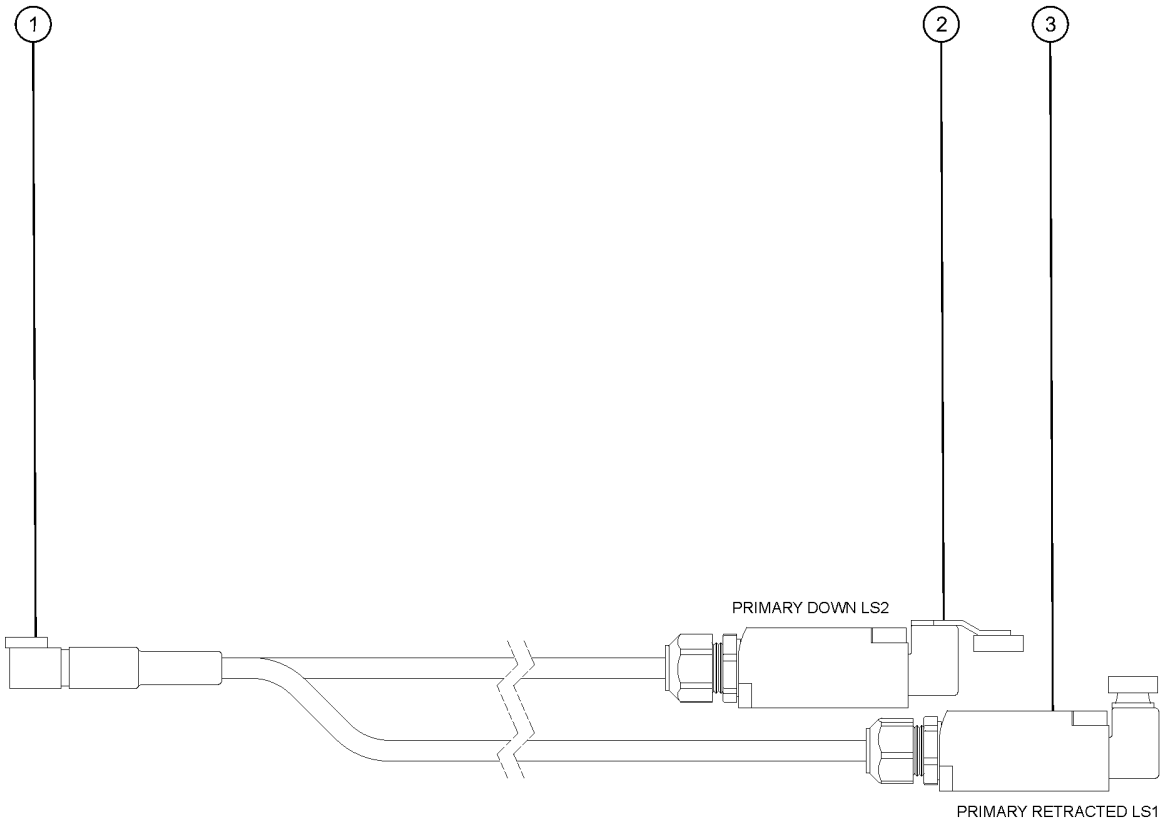
311.117 Assembly, Foot Switch



311.117 Assembly, Foot Switch

Item	*Part No.*	*Description*	*Qty.*
-	227617GT	ASSEMBLY,FOOT SWITCH	1
1	227564GT	FOOT SWITCH,20A IP65	1
2	33576GT	CONN,SQZ,1/2NPT,.170-.450	1
3	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	1
3-	60429GT	LOCK, PLUG 4WAY, 14-18GA	1

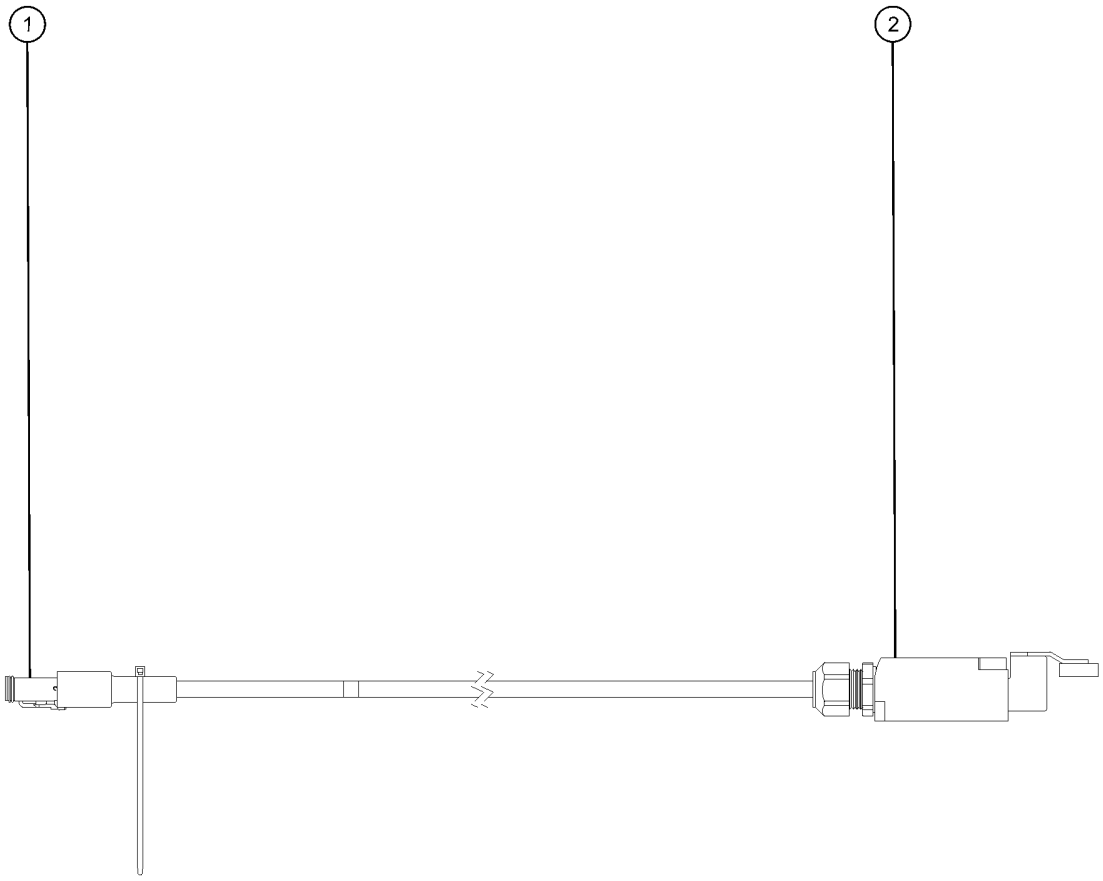
311.118 Harness, LS, PRIM/EXT



311.118 Harness, LS, PRIM/EXT

Item	Part No.	Description	Qty.
-	88725GT	HARNESS,LS,PRIM/EXT	1
1	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP	1
1-	60443GT	LOCK, RECEP 4WAY, 14-18GA	1
2	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
3	88356-11165GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1

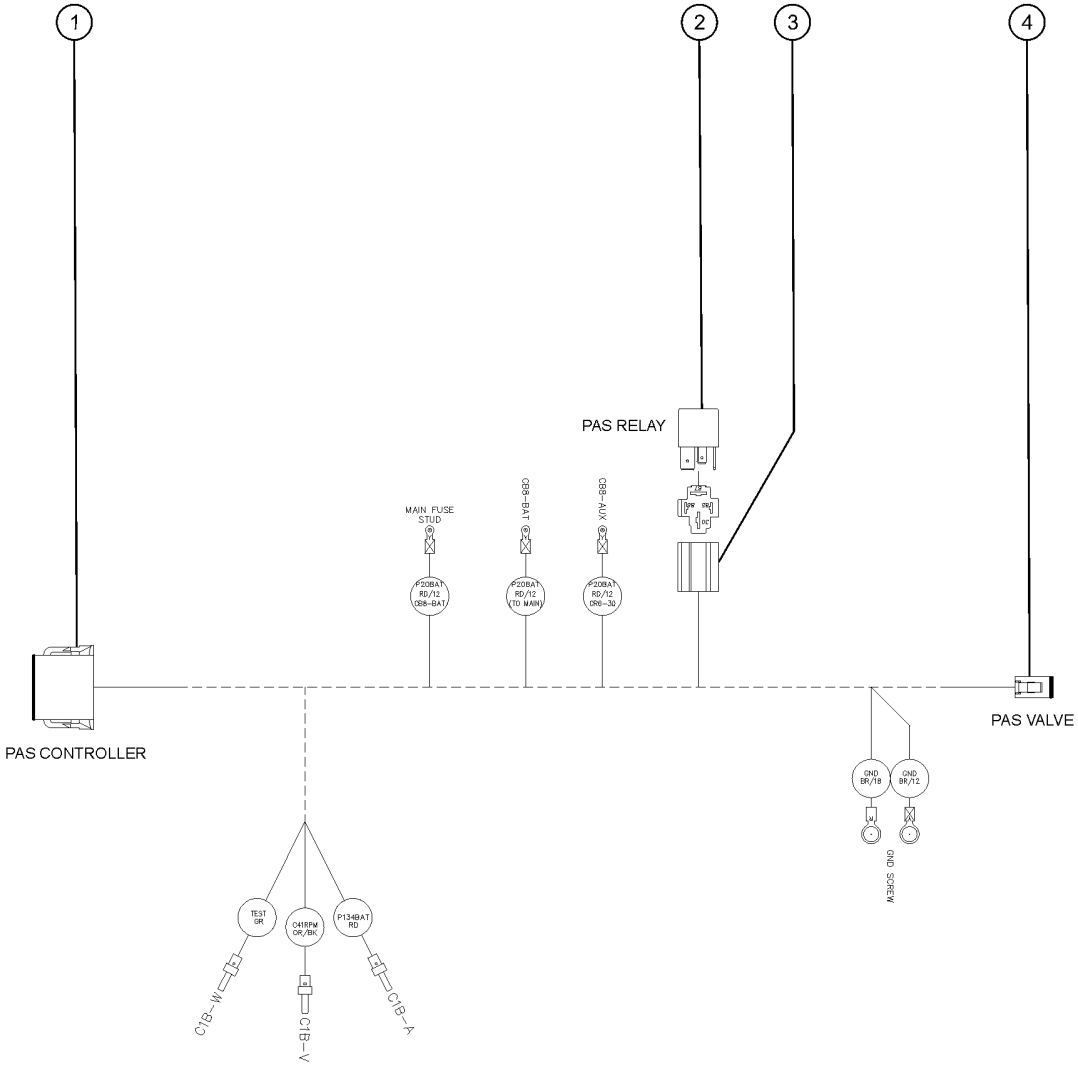
311.119 Harness, LS SEC UP/DOWN



311.119 Harness, LS SEC UP/DOWN

Item	*Part No.*	*Description*	*Qty.*
-	218684GT	HARNESS,LS SEC UP/DOWN	1
1	119056GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, ENDCAP	1
1-	60425GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, LOCK	1
2	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1

311.120 Harn, POS. Air Shutdown, Z45IC



311.120 Harn, POS. Air Shutdown, Z45IC

Item	*Part No.*	*Description*	*Qty.*
-	219681GT	HARN,POS. AIR SHUTDOWN,Z45IC (option)	1
1	88331GT	CONN, PLUG, 12 WAY, DEUTSCH, DTM, GRAY, KEY-A	1
1-	88332GT	LOCK,PLUG 12 WAY DTM 18-20GA	1
2	61225GT	RELAY,12VDC,70AMP,SEALED	1
3	61226GT	RELAY SOCKET,70AMP	1
4	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	1
4-	60528GT	LOCK,PLUG 4 WAY,12-14GA***	1

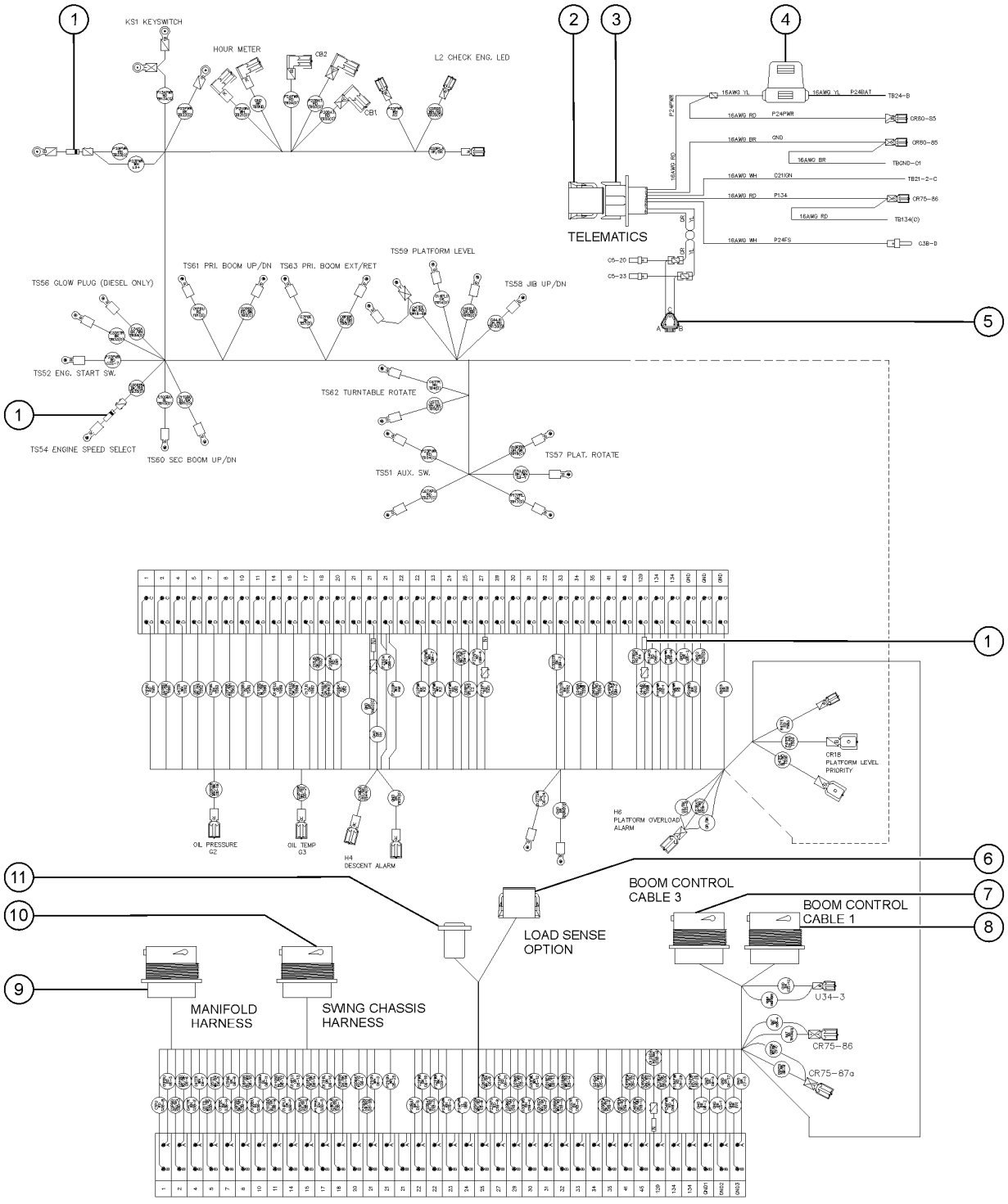
311.121 Harness, LS Extend Pigtail



311.121 Harness, LS Extend Pigtail

Item	*Part No.*	*Description*	*Qty.*
-	218685GT	HARNESS,LS EXTEND PIGTAIL	1
1	119065GT	CONN, RECEP, 2 WAY, DEUTSCH, DT	1
1-	60439GT	CONN, RECEP, 2 WAY, DEUTSCH, DT, LOCK	1
2	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	1
2-	60429GT	LOCK, PLUG 4WAY, 14-18GA	1

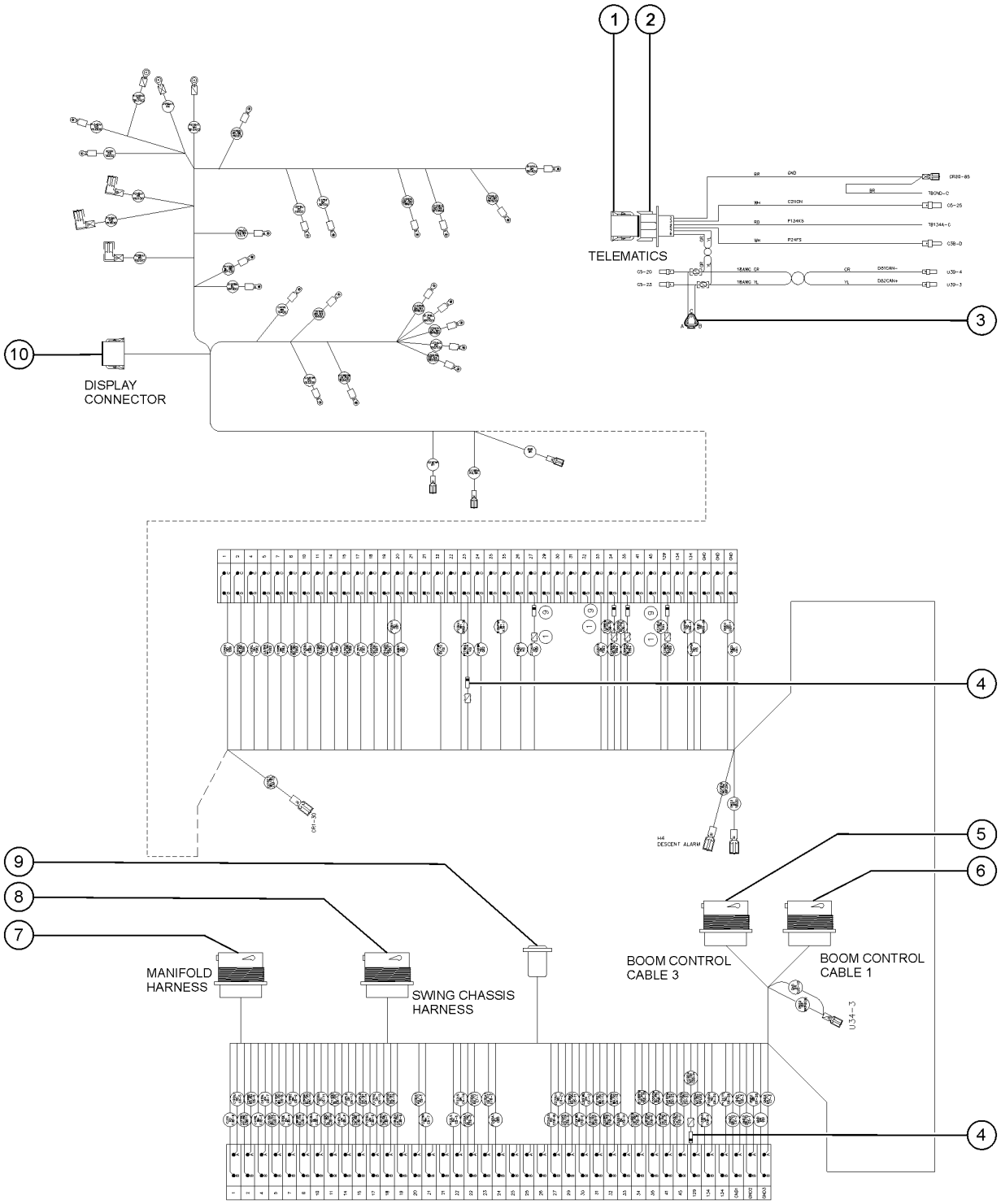
311.122A Harness, Gbox



311.122A Harness, Gbox

Item	Part No.	Description	Qty.
-	1262312GT	HARNESS, GBOX	1
1	56445GT	DIODE,6 AMP 200 PIV,REEL	14
2	1258768GT	CONN,PLUG 8WAY,BLOCKED GROMMET	1
3	87755GT	CONN, RECEP, 8 WAY, DEUTSCH, DT, GRAY/FLANGE	1
3-	60447GT	LOCK,RECEP 8 WAY,14-18GA	1
4	121657GT	FUSE HOLDER,ATC 1-20 AMPS	1
4-	1253210GT	CRKT BRKR, THERM, AUTO RESET, 6A	1
5	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	1
5-	60459GT	LOCK,PLUG 3 WAY,SAE J1939	1
6	119061GT	CONN, PLUG, 12 WAY, DEUTSCH, DT, GRAY	1
6-	60435GT	LOCK, PLUG 12WAY, 14-18GA, GRN	1
7	216371GT	CONN PLG HDP20 23W E-SEAL	1
7-	216388GT	CONN NUT PANEL HDP20 PLASTIC	1
8	216374GT	CONN RECPT HDP20 23W ES REVES	1
8-	216372GT	LOCKWASHER, RECEP, HDP20	1
9	216377GT	CONN RECPT HDP20 29W E-SEAL	1
9-	216388GT	CONN NUT PANEL HDP20 PLASTIC	1
10	216382GT	CONN RECPT HDP20 29W ES REVER	1
10-	216372GT	LOCKWASHER, RECEP, HDP20	1
11	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
11-	60526GT	LOCK,RECEP 4 WAY,12-14GA	1

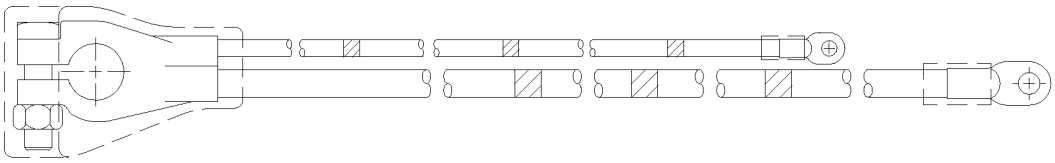
311.122B Harness, GBox, T4, Z45IC



311.122B Harness, GBox, T4, Z45IC

Item	Part No.	Description	Qty.
-	1255663GT	HARNESS,GBOX,T4,Z45 for models with Deutz D2.9 & Perkins 404F-22 engines	1
1	1258768GT	CONN,PLUG 8WAY,BLOCKED GROMMET	1
2	87755GT	CONN, RECEP, 8 WAY, DEUTSCH, DT, GRAY/FLANGE	1
2-	60447GT	LOCK,RECEP 8 WAY,14-18GA	1
3	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	1
3-	60459GT	LOCK,PLUG 3 WAY,SAE J1939	1
4	56445GT	DIODE,6 AMP 200 PIV,REEL	14
5	216371GT	CONN PLG HDP20 23W E-SEAL	1
6	216374GT	CONN RECPT HDP20 23W ES REVES	1
7	216377GT	CONN RECPT HDP20 29W E-SEAL	1
8	216382GT	CONN RECPT HDP20 29W ES REVER	1
9	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
9-	60526GT	LOCK,RECEP 4 WAY,12-14GA	1
10	88331GT	CONN, PLUG, 12 WAY, DEUTSCH, DTM, GRAY, KEY-A	1
10-	88332GT	LOCK,PLUG 12 WAY DTM 18-20GA	1

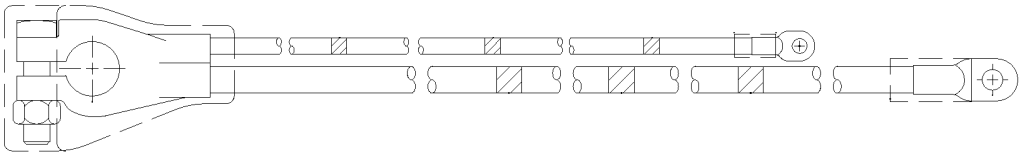
311.123A Battery Cable, Positive, Red



311.123A Battery Cable, Positive, Red

Item	Part No.	Description	Qty.
-	218454GT	BATTERY CABLE,POSITIVE,RED	1

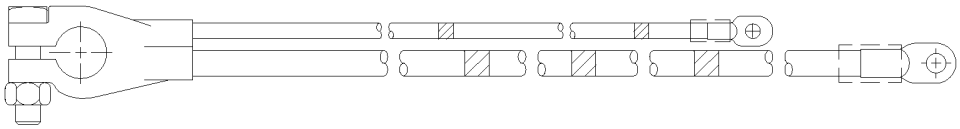
311.123B Battery Cable, Positive, Red



311.123B Battery Cable, Positive, Red

Item	*Part No.*	*Description*	*Qty.*
-	1287652GT	BATTERY CABLE, POSITIVE, RED Perkins 404F-E22T models only (from SN Z4525F-60063)	1

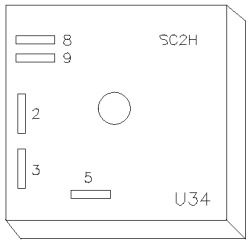
311.124 Battery Cable, Negative, Black

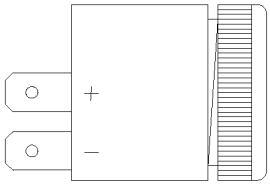


311.124 Battery Cable, Negative, Black

Item	*Part No.*	*Description*	*Qty.*
-	218455GT	BATTERY CABLE,NEGATIVE,BLACK	1

311.125 Harness, Jumper, Load Sense, Gbox





LOAD SENSE ALARM

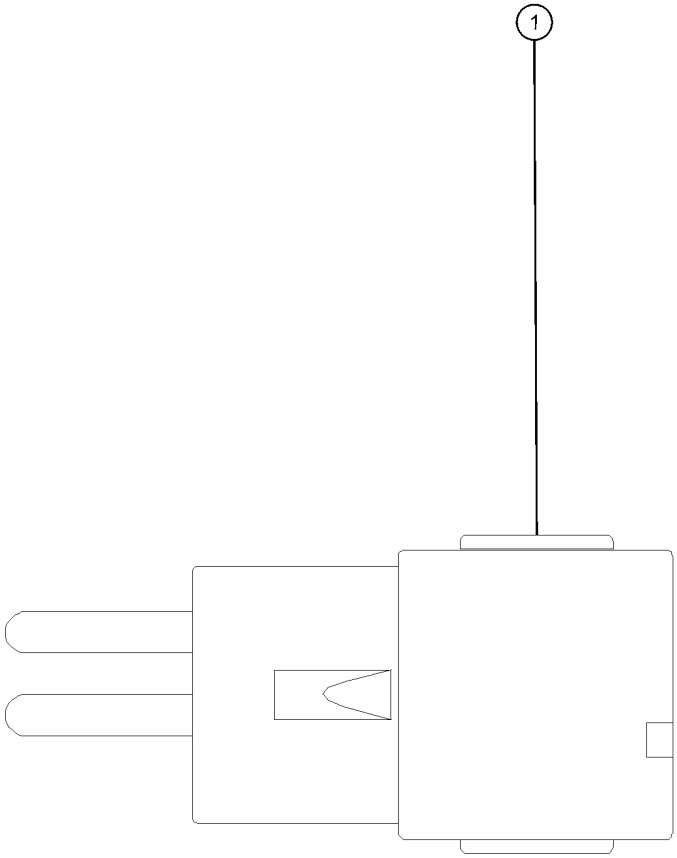
GROUND BOX WIRES



311.125 Harness, Jumper, Load Sense, Gbox

Item	Part No.	Description	Qty.
-	219305GT	HARNESS,JUMPER,LOAD SENSE,GBOX	1

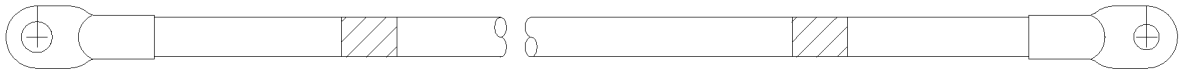
311.126 Harness, Plug, Non-Load Weighing



311.126 Harness, Plug, Non-Load Weighing

Item	*Part No.*	*Description*	*Qty.*
-	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	1
1	119070GT	CONN,RECEP 12 WAY ENDCAP DT	1
1-	54255GT	LOCK, RECEP 12WAY, 14-18GA	1

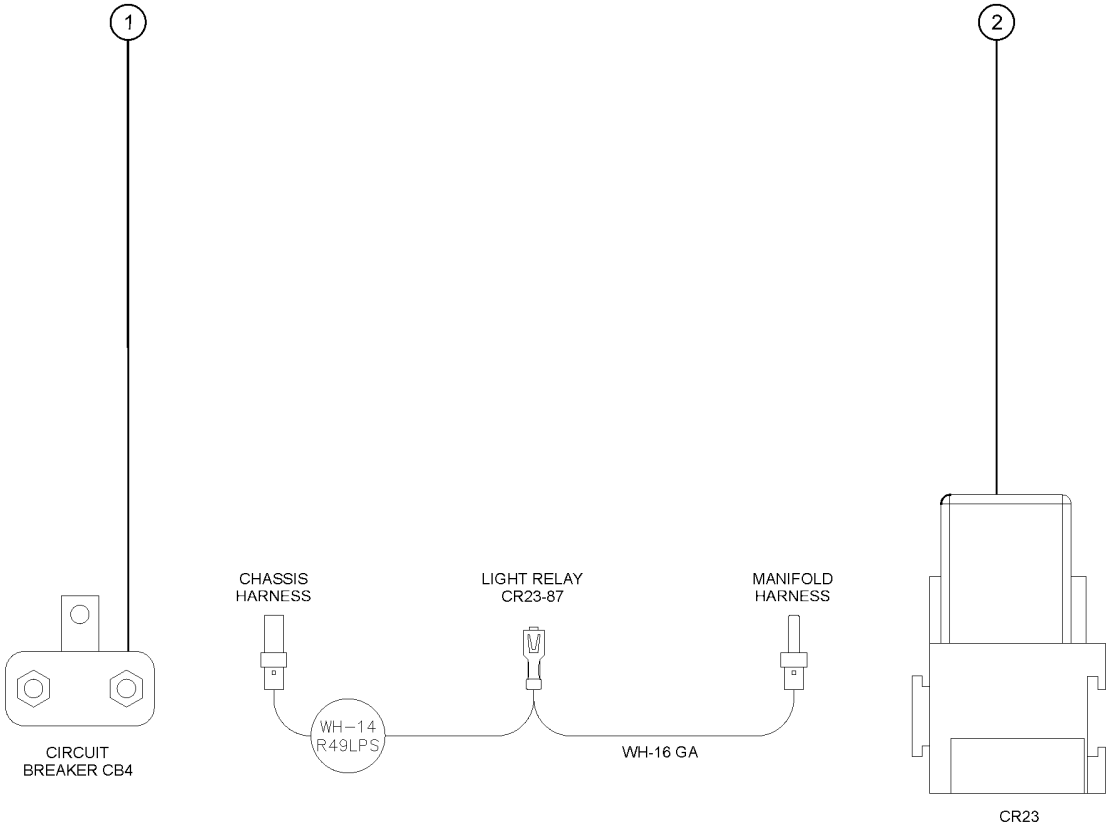
311.128 Battery Cable, Negative, APU



311.128 Battery Cable, Negative, APU

Item	*Part No.*	*Description*	*Qty.*
-	218506GT	BATTERY CABLE,NEGATIVE,APU	1

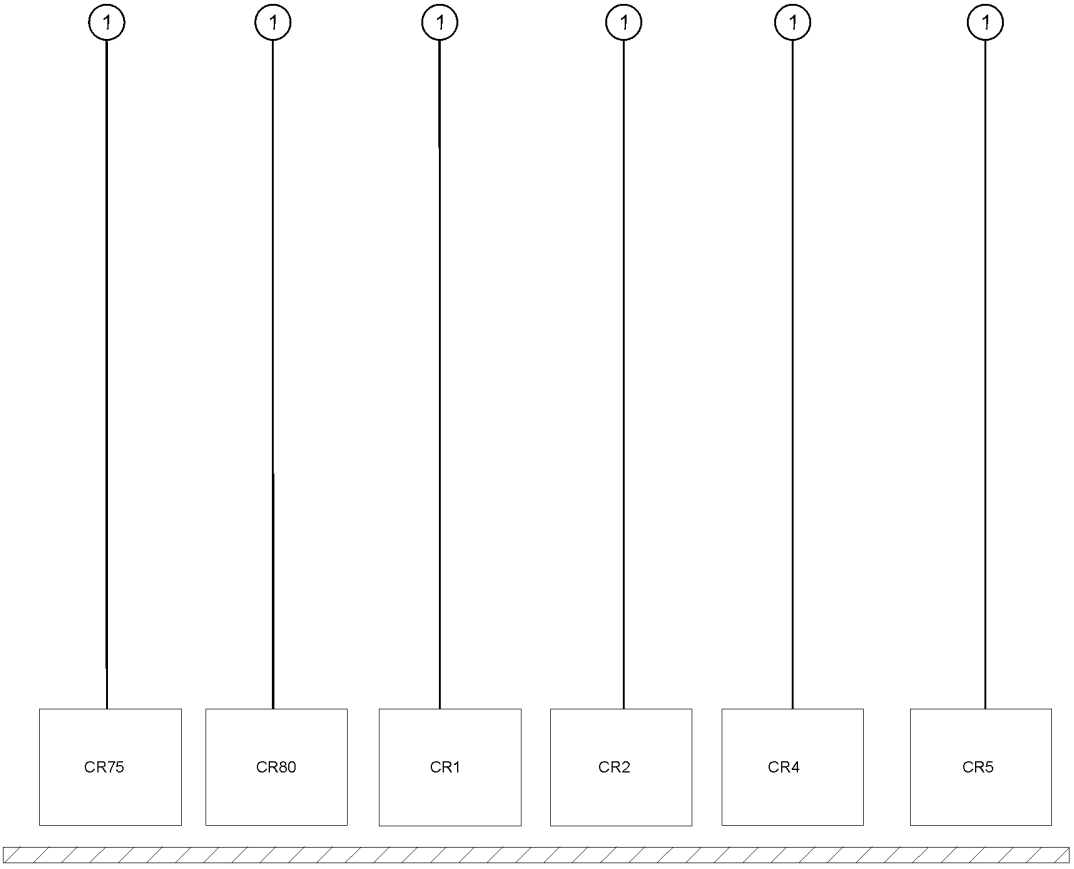
311.129 Harness, Relay, Light PKG, Z45/51



311.129 Harness, Relay, Light PKG, Z45/51

Item	*Part No.*	*Description*	*Qty.*
-	219685GT	HARNESS,RELAY,LIGHT PKG,Z45/51	1
1	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL	1
2	34053GT	ASSY,RELAY SOCKET, AUTO	1
2-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	1

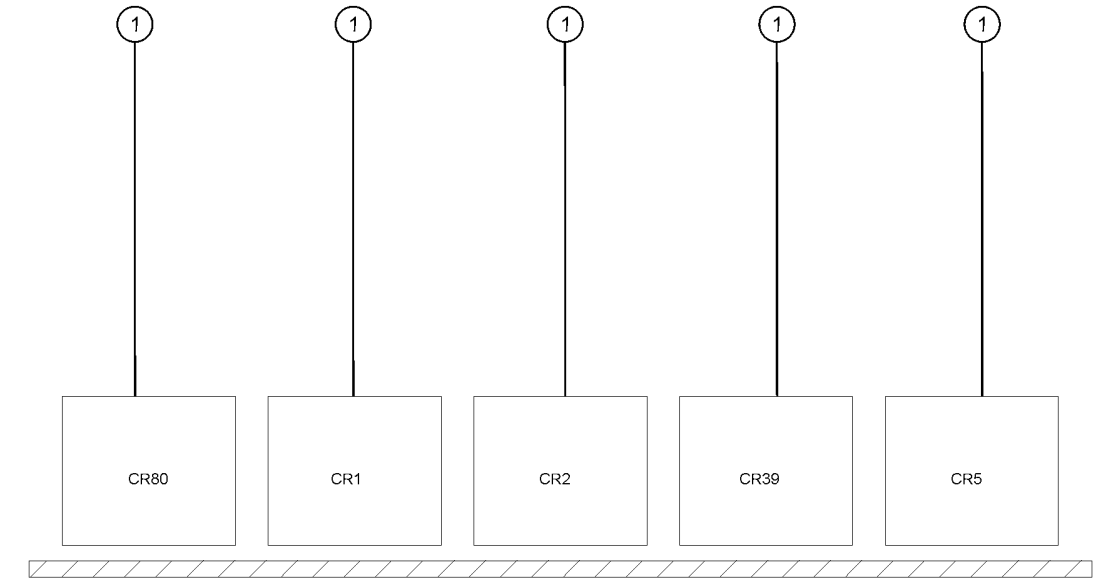
311.131A Harness, Relay, GBox, Z45IC

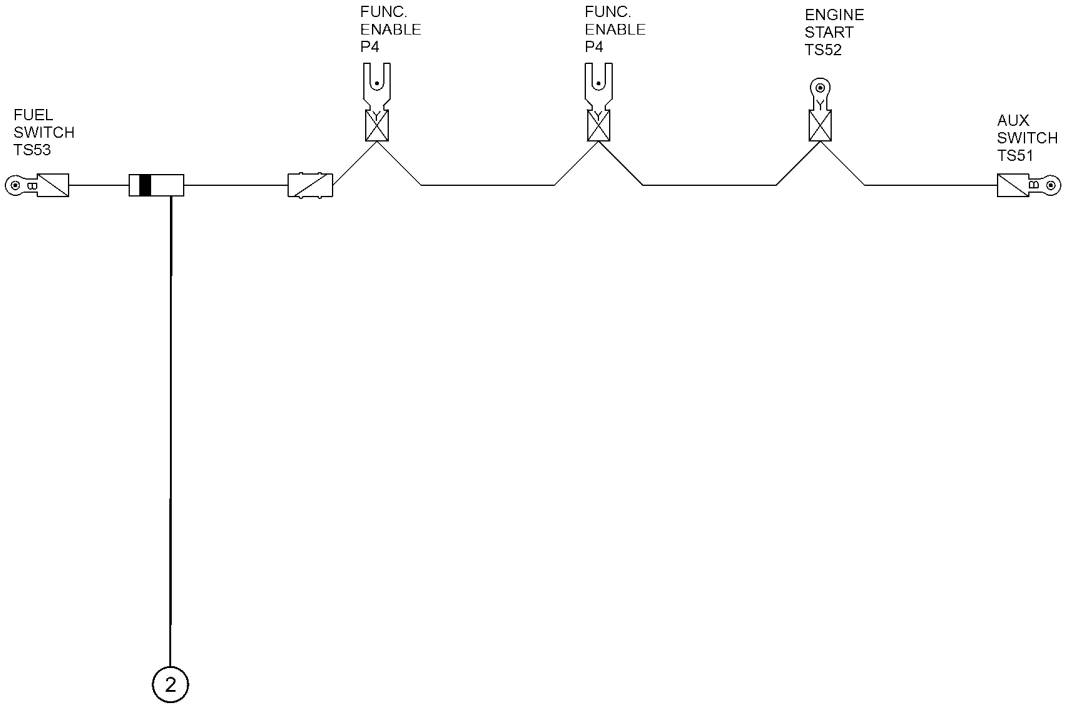


311.131A Harness, Relay, GBox, Z45IC

Item	Part No.	Description	Qty.
-	1255780GT	HARNESS,RELAY,GBOX,Z45IC for models with Deutz D2011L03 & Perkins 404D-22 engines	1
1	34053GT	ASSY,RELAY SOCKET, AUTO	6
1-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	6

311.131B Harness, Relay, GBox, Z45 GAS/LP

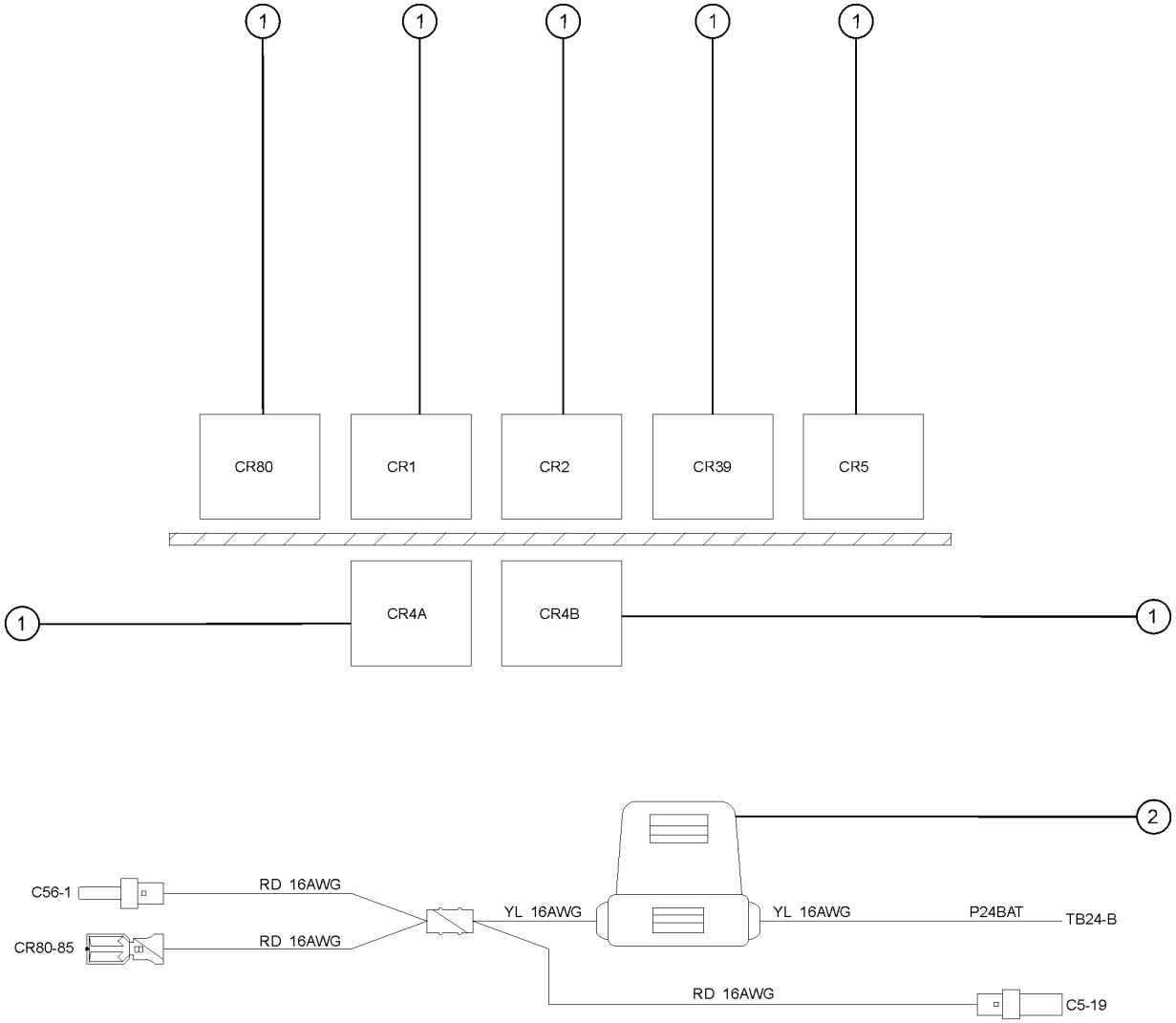




311.131B Harness, Relay, GBox, Z45 GAS/LP

Item	*Part No.*	*Description*	*Qty.*
-	1255781GT	HARNESS,RELAY,GBOX,Z45 GAS/LP for models with Ford MSG-425	1
1	34053GT	ASSY,RELAY SOCKET, AUTO	5
1-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	5
2	56445GT	DIODE,6 AMP 200 PIV,REEL	1

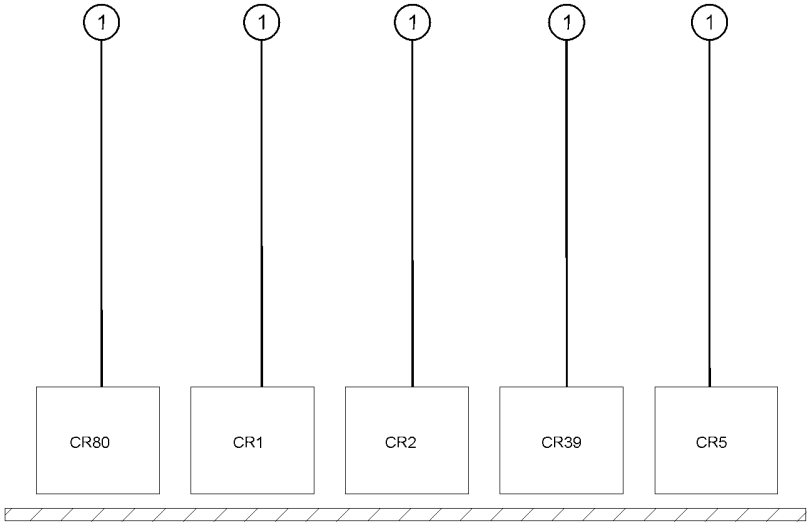
311.131C Harness Assy, Relay 404F, Z45

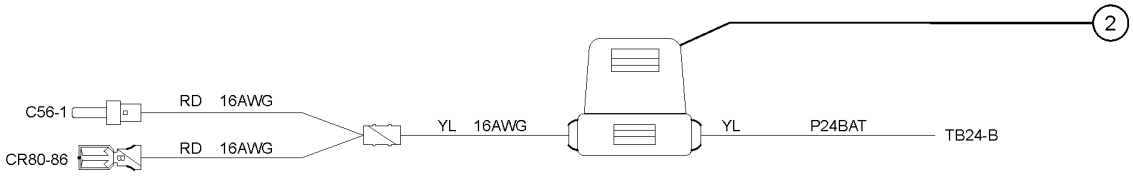


311.131C Harness Assy, Relay 404F, Z45

Item	*Part No.*	*Description*	*Qty.*
-	1255779GT	HARNESS ASSY,RELAY 404F,Z45 for models with Perkins 404F-22 engines	1
1	34053GT	ASSY,RELAY SOCKET, AUTO	7
1-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	7
2	121657GT	FUSE HOLDER,ATC 1-20 AMPS	1
2-	1253210GT	CRKT BRKR, THERM, AUTO RESET, 6A	1

311.131D Harness Assy, Relay D.29, Z45

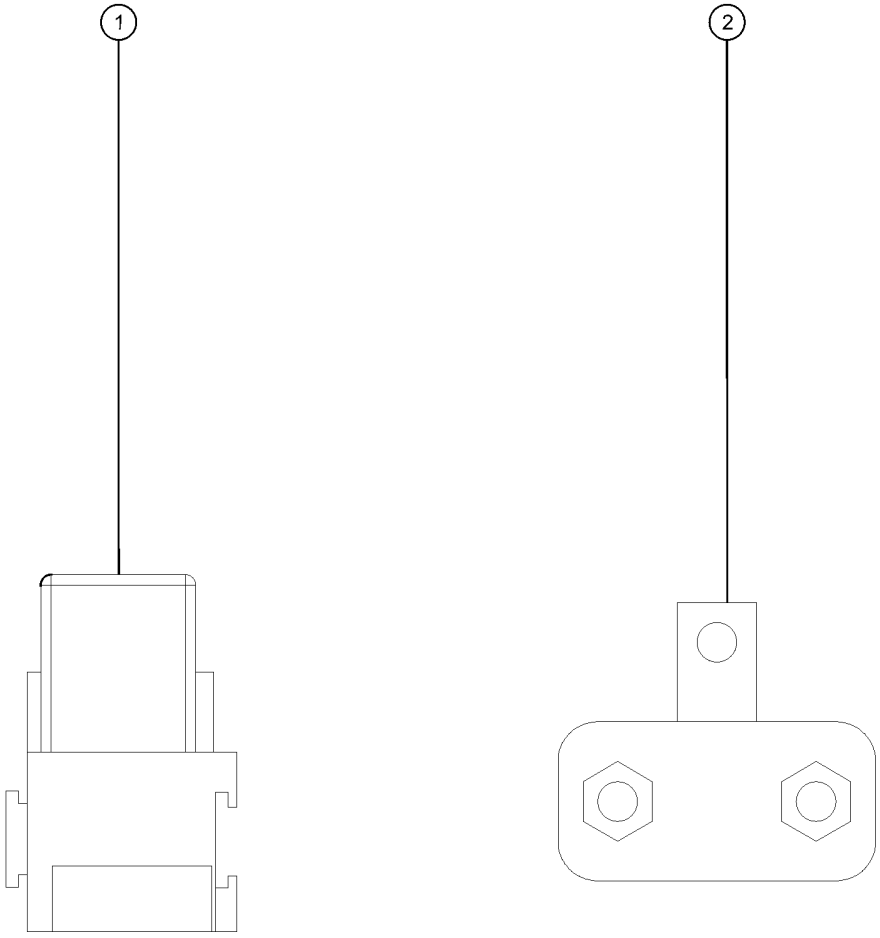




311.131D Harness Assy, Relay D.29, Z45

Item	*Part No.*	*Description*	*Qty.*
1	34053GT	ASSY,RELAY SOCKET, AUTO	5
1-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	5
2	1253210GT	CRKT BRKR, THERM, AUTO RESET, 6A	1
2-	121657GT	FUSE HOLDER,ATC 1-20 AMPS	1

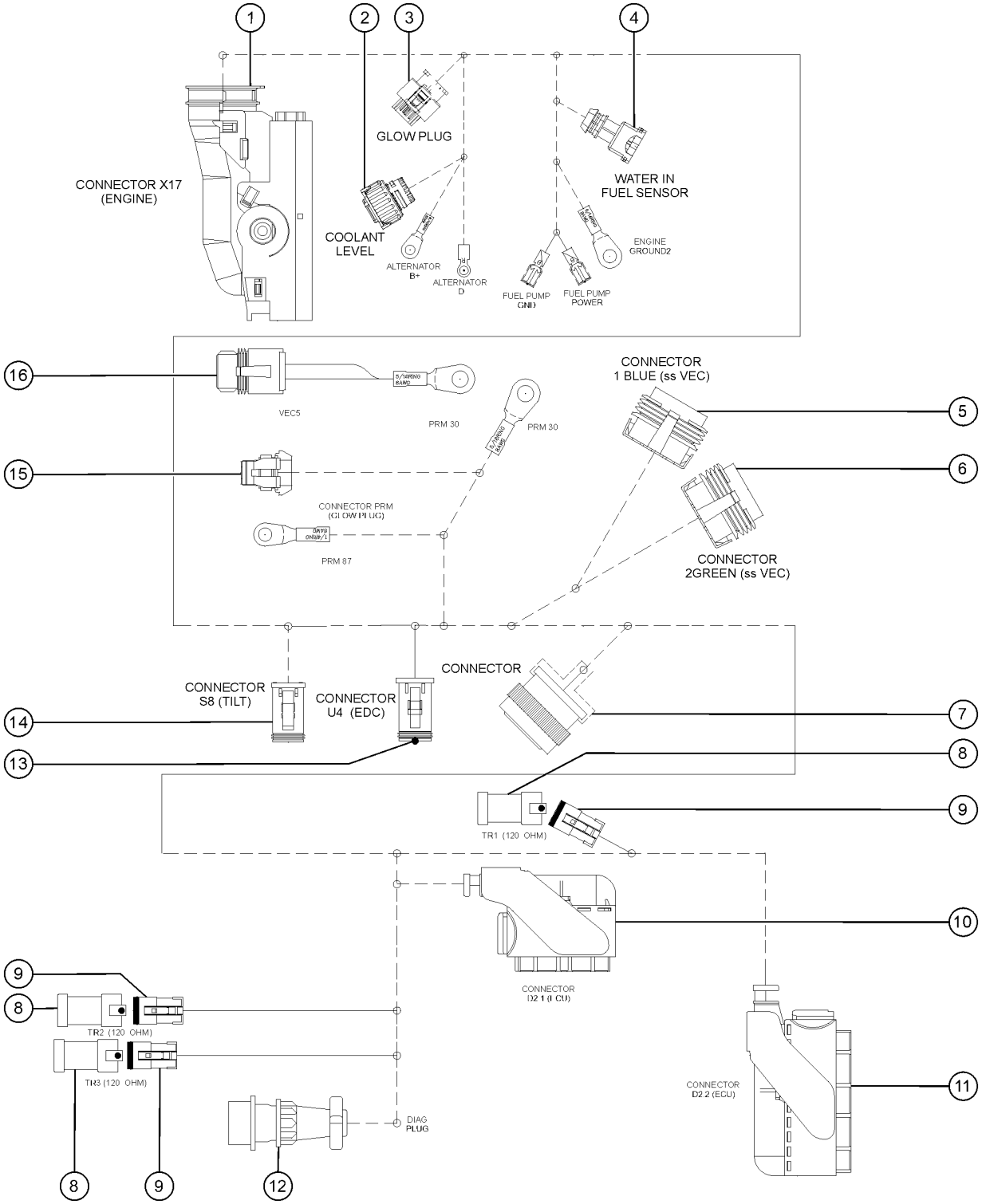
311.132 Harness, Relay, Oil Cooler



311.132 Harness, Relay, Oil Cooler

Item	*Part No.*	*Description*	*Qty.*
-	220234GT	HARNESS,RELAY,OIL COOLER (option)	1
1	34053GT	ASSY,RELAY SOCKET, AUTO	1
1-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	1
2	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL	1

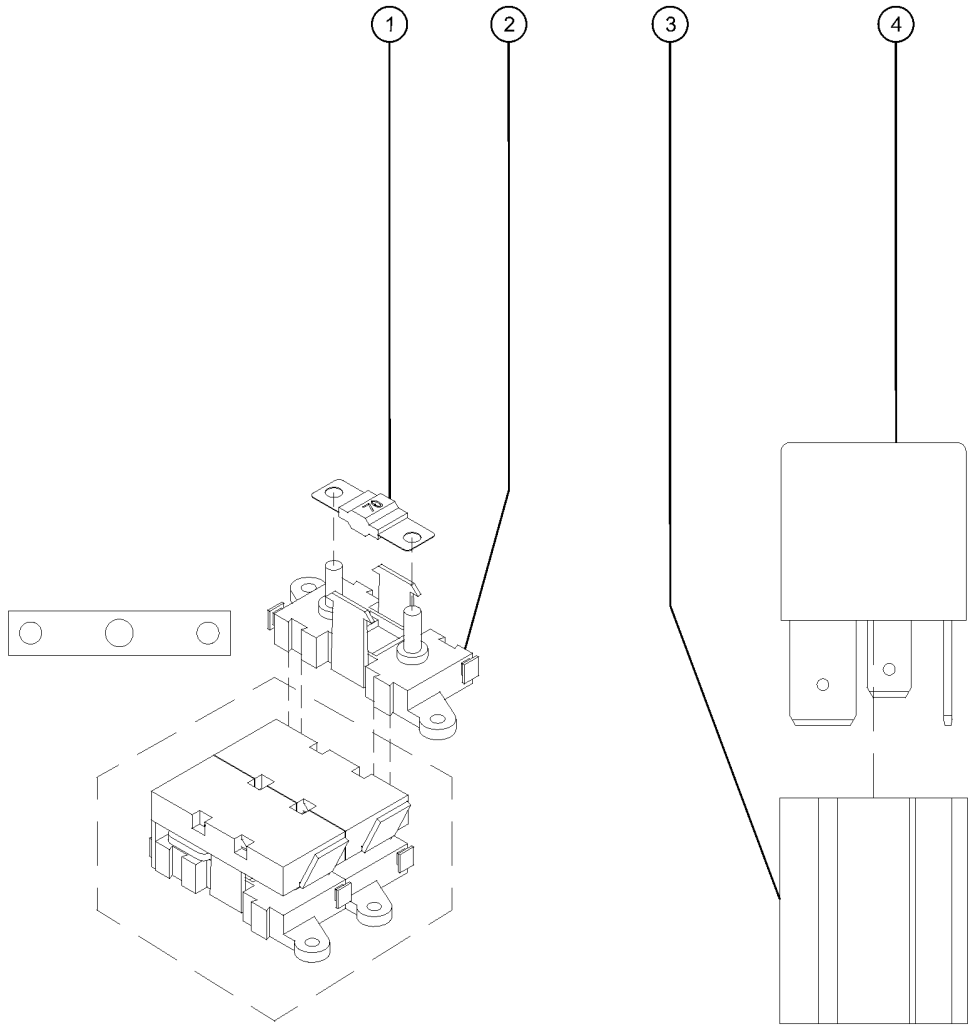
311.133A Harness, Z45 DEUTZ D2.9



311.133A Harness, Z45 DEUTZ D2.9

Item	Part No.	Description	Qty.
-	1283971GT	HARNESS, Z45 DEUTZ D2.9 for models with Deutz D2.9L4	1
1	822436GT	CONN,RECEP 62POS,AMP MCP1.5K/2.8	1
1-	822437GT	COVER,AMP 39/62POS CONNECTORS	1
2	822445GT	CONN,CIRC. AMP 4WAY,BLACK	1
3	822442GT	CONN,REC 2 WAY,AMP 8MM NGI, BLACK	1
4	56687GT	CONN, RECEP, 2 WAY, AMP, JR-PWR	1
5	822462GT	CONN, PLUG, 8 WAY, EATON, METRI-PACK 150, BLUE	1
5-	822466GT	LOCK,8WAY CBT TP2 SEALED	1
6	822463GT	CONN,8WAY CBT MALE,GREEN	1
6-	822466GT	LOCK,8WAY CBT TP2 SEALED	1
7	216381GT	CONN PLG HDP20 23W ES RING ADA	1
7-	216386GT	CONN BACKSHELL HDP20 180R ADAP	1
8	60452GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, J1939/120OHM	3
9	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	3
9-	60459GT	LOCK,PLUG 3 WAY,SAE J1939	3
10	822438GT	CONN KIT,RECEP 60POS,AMP MQS 1.5	1
11	822439GT	CONN KIT,94POS,AMP MQS1.5/MCP2.8	1
12	822448GT	CONN,REC,CANN TR 12WAY,SIZE14	1
13	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	1
13-	60429GT	LOCK, PLUG 4WAY, 14-18GA	1
14	119059GT	CONN PLUG 6 WAY ENDCAP DT	1
14-	60431GT	LOCK, PLUG 6WAY, 14-18GA	1
15	822453GT	CONN,2 WAY,METRI-PACK 150,BLA	1
15-	823599GT	LOCK,2WAY,TBA M/P 2BLU	1
16	822468GT	CONN,2WAY CBT MALE,GRAY	1
16-	822469GT	LOCK,2WAY CBT TP2 SEALED	1

311.133B Harn, 2nd Glow Plug, DTZ

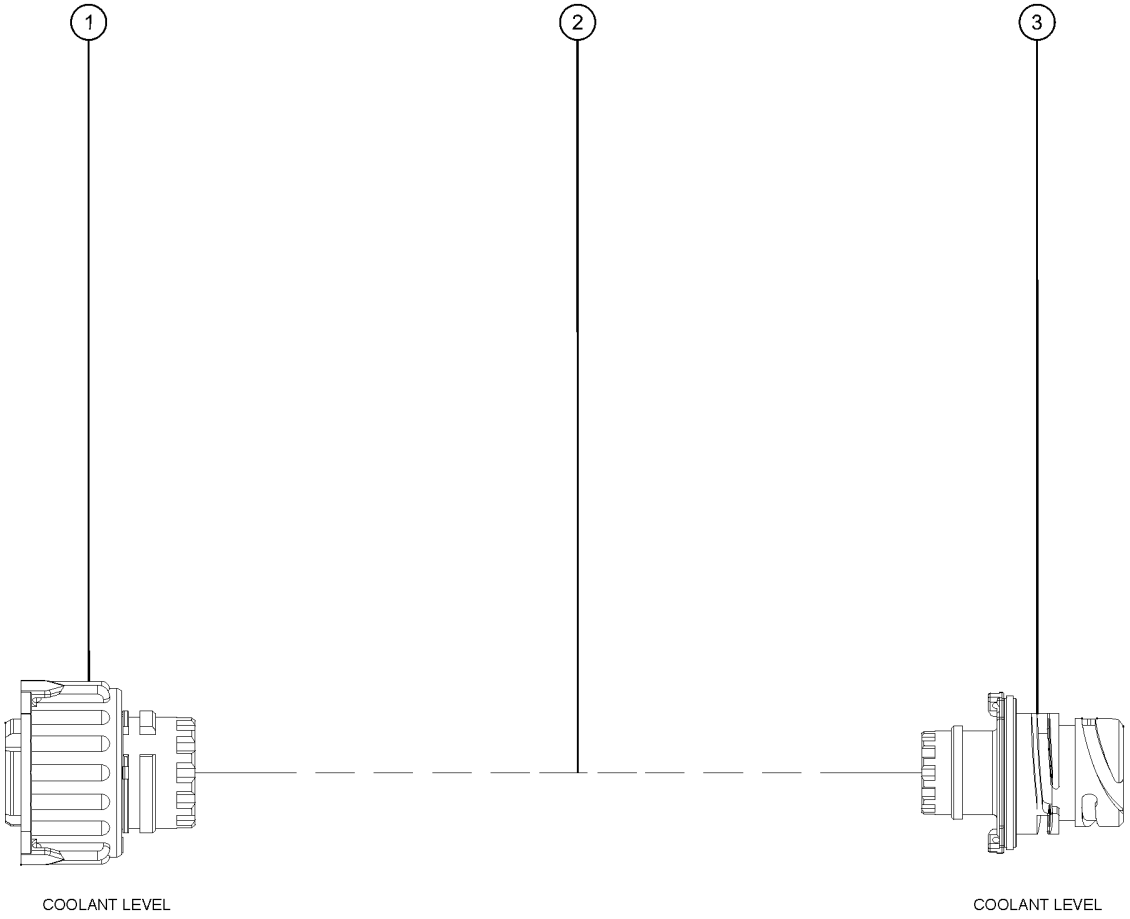


EXISTING FUSE BLOCK

311.133B Harn, 2nd Glow Plug, DTZ

Item	Part No.	Description	Qty.
-	160681GT	HARN,2ND GLOW PLUG,DTZ for models with Deutz D2011L03	1
-	20973GT	WIRE LOOM,3/8 POLY SLIT	74 Inches
1	217909GT	FUSE,LMI,70A/32V	1
2	217905GT	FUSE BLK,LMI,FUSE HOLDER,BARE	1
3	61226GT	RELAY SOCKET,70AMP	1
4	61225GT	RELAY,12VDC,70AMP,SEALED	1

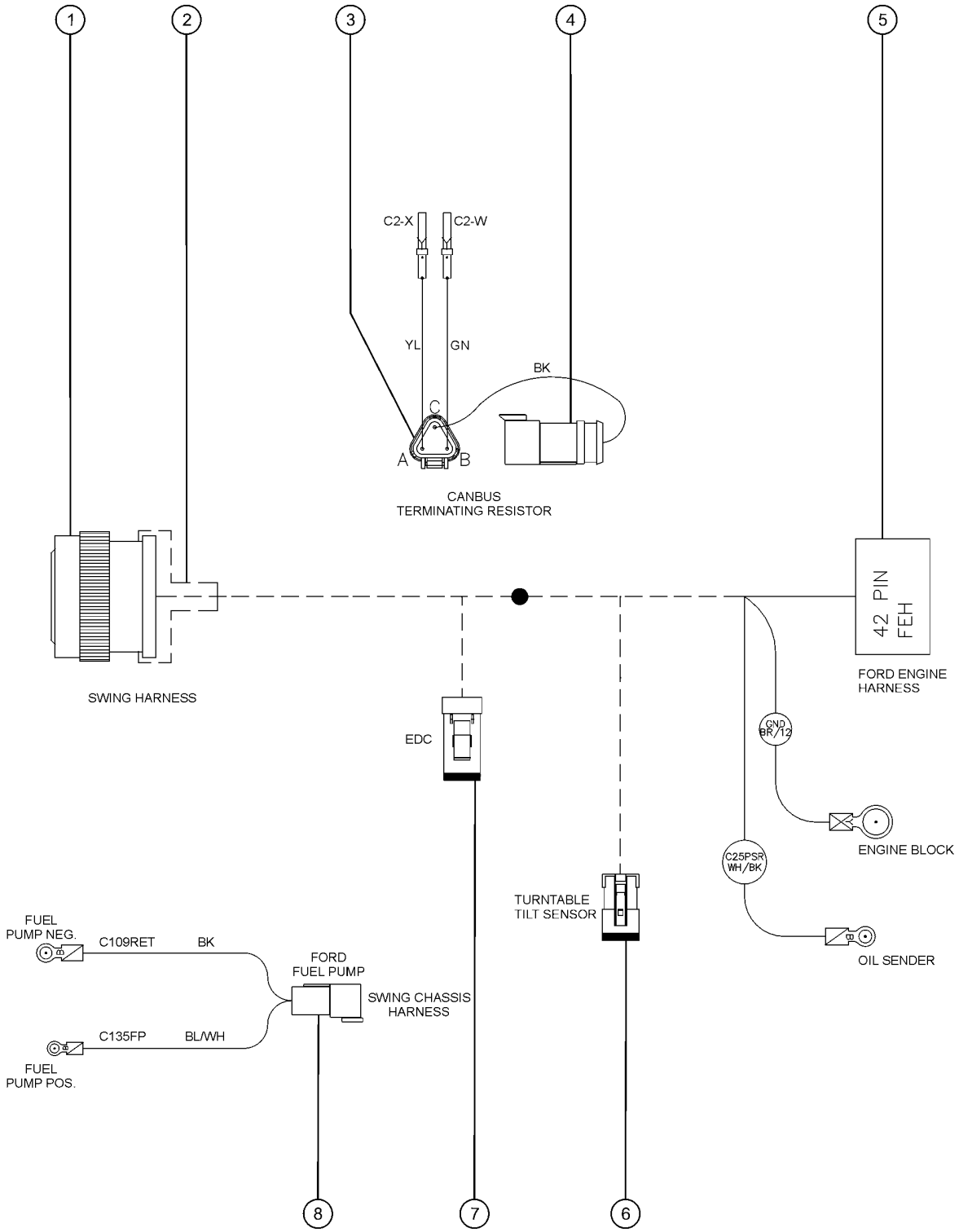
311.133C Harn, DTZ Coolant Sensor EXT.



311.133C Harn, DTZ Coolant Sensor EXT.

Item	*Part No.*	*Description*	*Qty.*
-	1281785GT	HARN,DTZ COOLANT SENSOR EXT. ..... for models with Deutz D2.9 engine (from SN 58483)	1
1	822445GT	CONN,CIRC. AMP 4WAY,BLACK	1
2	53471GT	WIRE LOOM,3/8 NYLON,HI TEMP	24 Inches
3	1262739GT	CONN,RECEP CIRC,4WAY,AMP,BLACK	1

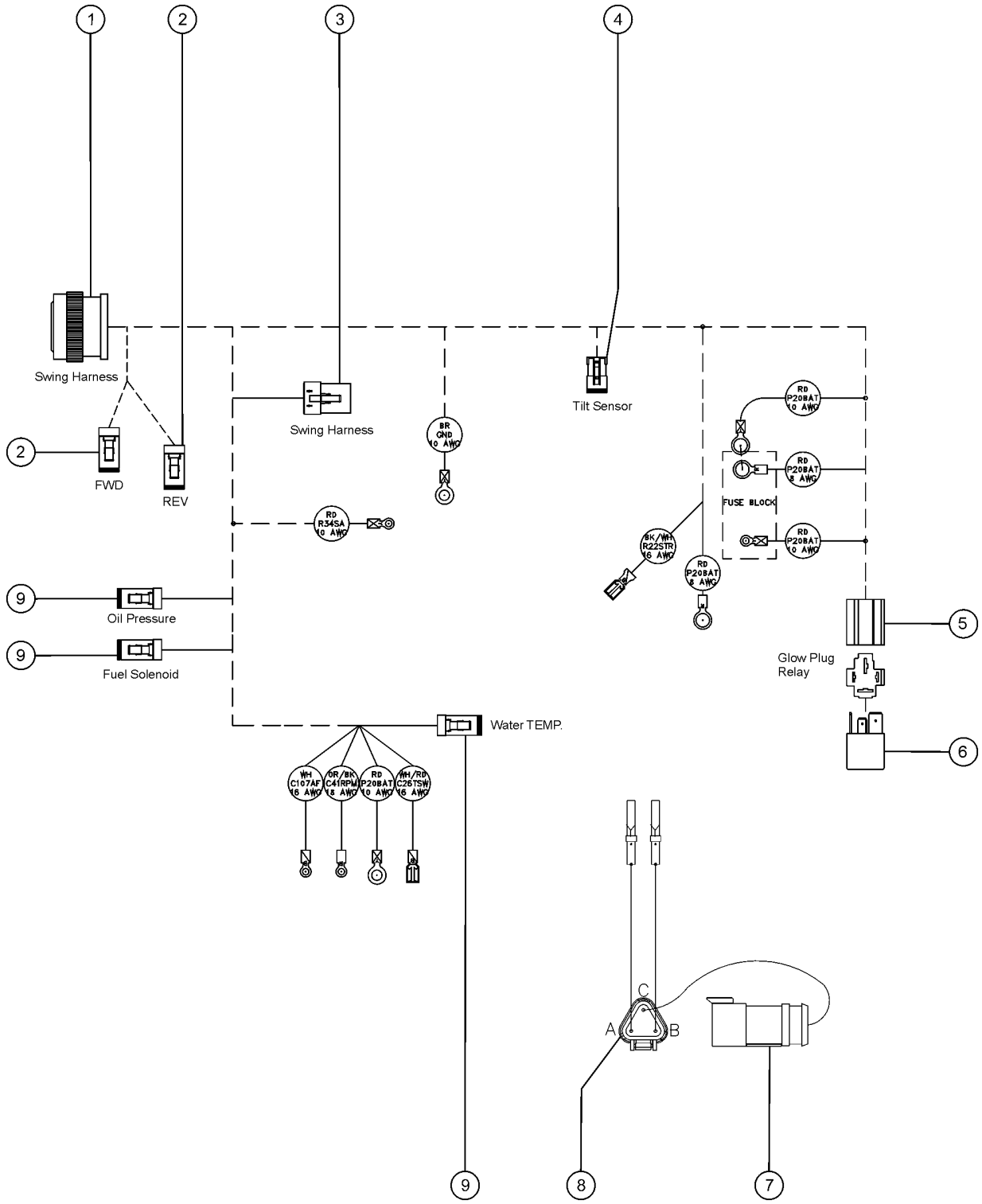
311.134A Harn, Ford Engine Z45-2012



311.134A Harn, Ford Engine Z45-2012

Item	Part No.	Description	Qty.
-	217903GT	HARN FORD ENGINE Z45-2012 for models with Ford MSG-425	1
-	53471GT	WIRE LOOM,3/8 NYLON,HI TEMP	11 Inches
-	150102GT	WIRE LOOM, 5/8" NYLON, HIGH TEMP.	40 Inches
1	216381GT	CONN PLG HDP20 23W ES RING ADA	1
2	216386GT	CONN BACKSHELL HDP20 180R ADAP	1
3	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	1
3-	60459GT	LOCK,PLUG 3 WAY,SAE J1939	1
4	60452GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, J1939/120OHM	1
5	88756GT	CONN KIT,42 PIN FORD***	1
6	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	1
6-	60427GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, LOCK	1
7	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	1
7-	60429GT	LOCK, PLUG 4WAY, 14-18GA	1
8	119065GT	CONN, RECEP, 2 WAY, DEUTSCH, DT	1
8-	60439GT	CONN, RECEP, 2 WAY, DEUTSCH, DT, LOCK	1

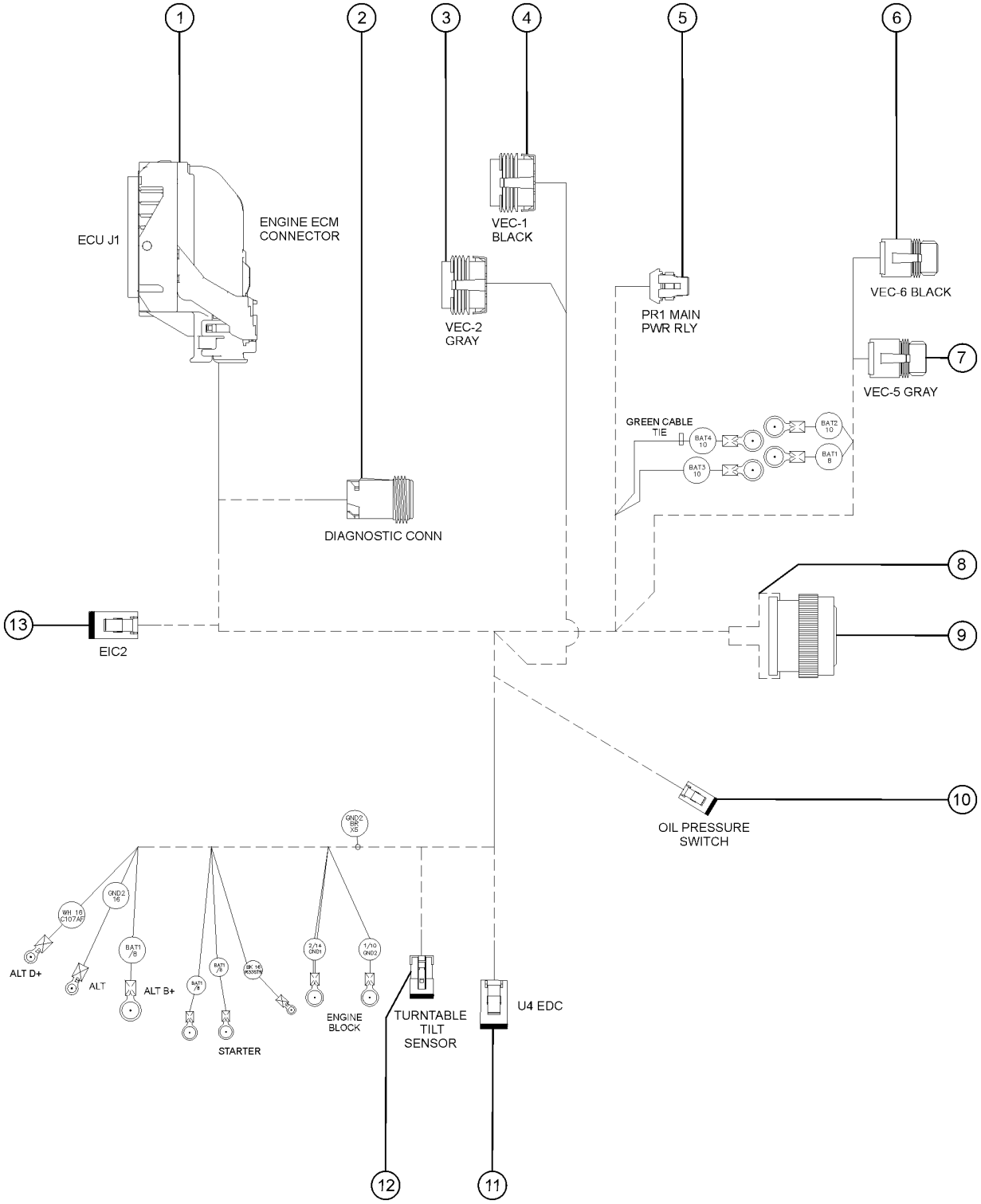
311.134B Harn, Perkins Engine Z45-2012



311.134B Harn, Perkins Engine Z45-2012

Item	Part No.	Description	Qty.
-	217902GT	HARN PERKINS ENGINE Z45-2012 for models with Perkins 404D-22 engines	1
-	53471GT	WIRE LOOM,3/8 NYLON,HI TEMP	47.5 Inches
-	75640GT	WIRE LOOM,3/4 DIA.	70 Inches
-	56445GT	DIODE,6 AMP 200 PIV,REEL	1
1	216381GT	CONN PLG HDP20 23W ES RING ADA	1
1-	216386GT	CONN BACKSHELL HDP20 180R ADAP	1
2	119056GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, ENDCAP	2
2-	60439GT	CONN, RECEP, 2 WAY, DEUTSCH, DT, LOCK	2
3	60531GT	CONN,PLUG 2 WAY,12-14GA	1
3-	60532GT	LOCK,PLUG 2 WAY,12-14GA	1
4	119059GT	CONN PLUG 6 WAY ENDCAP DT	1
4-	60431GT	LOCK, PLUG 6WAY, 14-18GA	1
5	61226GT	RELAY SOCKET,70AMP	1
6	61225GT	RELAY,12VDC,70AMP,SEALED	1
7	60452GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, J1939/120OHM	1
8	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	1
8-	60459GT	LOCK,PLUG 3 WAY,SAE J1939	1
9	119056GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, ENDCAP	3
9-	60425GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, LOCK	3

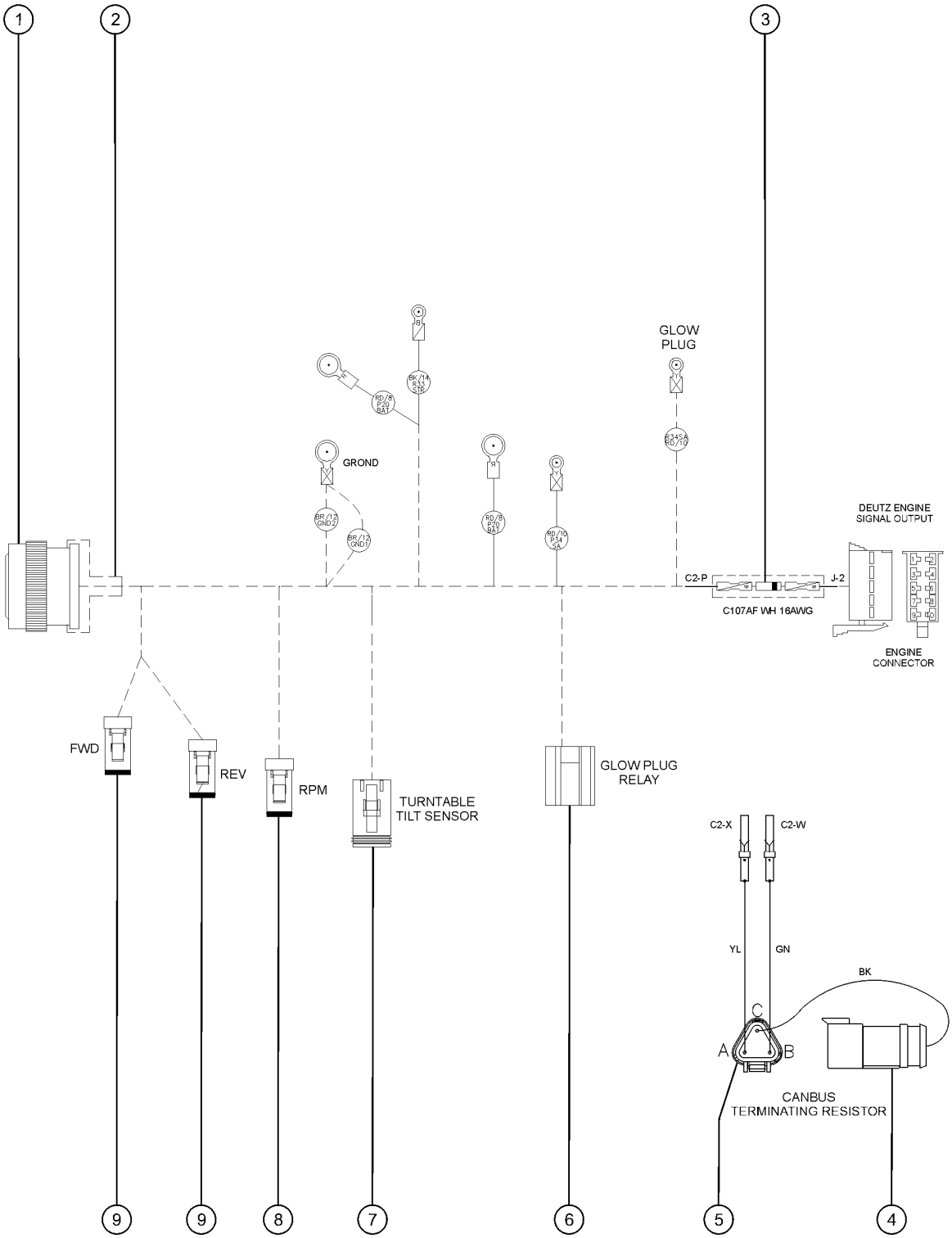
311.134C Harness, Z45 Perkins 404F



311.134C Harness, Z45 Perkins 404F

Item	Part No.	Description	Qty.
-	822047GT	HARNESS, Z45 PERKINS 404F for models with Perkins 404F-22 engines	1
1	822794GT	CONN,MOLEX123,80WAY	1
1-	822795GT	CONN,MOLEX123,80WAY,COVER	1
2	823052GT	CONN,RECEP 9-WAY,FL. GRAY	1
2-	823053GT	CONN,DUST CAP,RECEP,9-WAY GRAY	1
3	822465GT	CONN,8WAY CBT MALE,GRAY	1
3-	822466GT	LOCK,8WAY CBT TP2 SEALED	1
4	822464GT	CONN,8WAY CBT MALE,BLACK	1
4-	822466GT	LOCK,8WAY CBT TP2 SEALED	1
5	822453GT	CONN,2 WAY,METRI-PACK 150,BLA	1
5-	823599GT	LOCK,2WAY,TBA M/P 2BLU	1
6	822467GT	CONN,2WAY CBT MALE,BLACK	1
6-	822469GT	LOCK,2WAY CBT TP2 SEALED	1
7	822468GT	CONN,2WAY CBT MALE,GRAY	1
7-	822469GT	LOCK,2WAY CBT TP2 SEALED	1
8	216386GT	CONN BACKSHELL HDP20 180R ADAP	1
9	216381GT	CONN PLG HDP20 23W ES RING ADA	1
10	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	1
10-	60441GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, LOCK	1
11	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	1
11-	60429GT	LOCK, PLUG 4WAY, 14-18GA	1
12	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	1
12-	60427GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, LOCK	1
13	119059GT	CONN PLUG 6 WAY ENDCAP DT	1
13-	60431GT	LOCK, PLUG 6WAY, 14-18GA	1

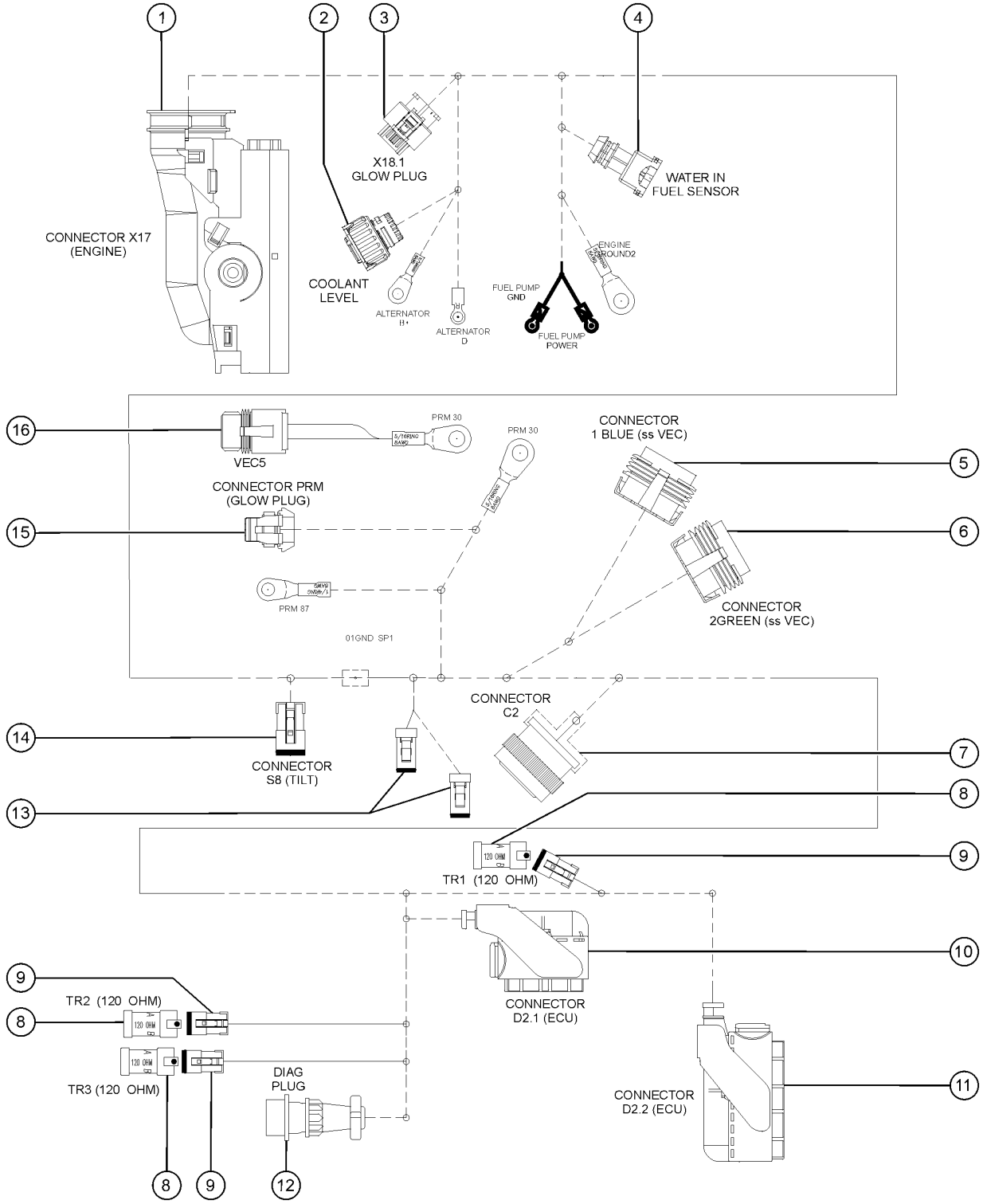
311.134D Harn, Deutz Engine Z45-20



311.134D Harn, Deutz Engine Z45-20

Item	Part No.	Description	Qty.
-	216339GT	HARN DEUTZ ENGINE Z45-20 for models with Deutz D2011L03	1
-	53471GT	WIRE LOOM,3/8 NYLON,HI TEMP	122 Inches
-	75640GT	WIRE LOOM,3/4 DIA.	128 Inches
1	216381GT	CONN PLG HDP20 23W ES RING ADA	1
2	216386GT	CONN BACKSHELL HDP20 180R ADAP	1
3	56445GT	DIODE,6 AMP 200 PIV,REEL	1
4	60452GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, J1939/120OHM	1
5	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	1
5-	60459GT	LOCK,PLUG 3 WAY,SAE J1939	1
6	61226GT	RELAY SOCKET,70AMP	1
6-	61225GT	RELAY,12VDC,70AMP,SEALED	1
7	119059GT	CONN PLUG 6 WAY ENDCAP DT	1
7-	60431GT	LOCK, PLUG 6WAY, 14-18GA	1
8	60531GT	CONN,PLUG 2 WAY,12-14GA	1
8-	60532GT	LOCK,PLUG 2 WAY,12-14GA	1
9	119056GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, ENDCAP	2
9-	60439GT	CONN, RECEP, 2 WAY, DEUTSCH, DT, LOCK	2

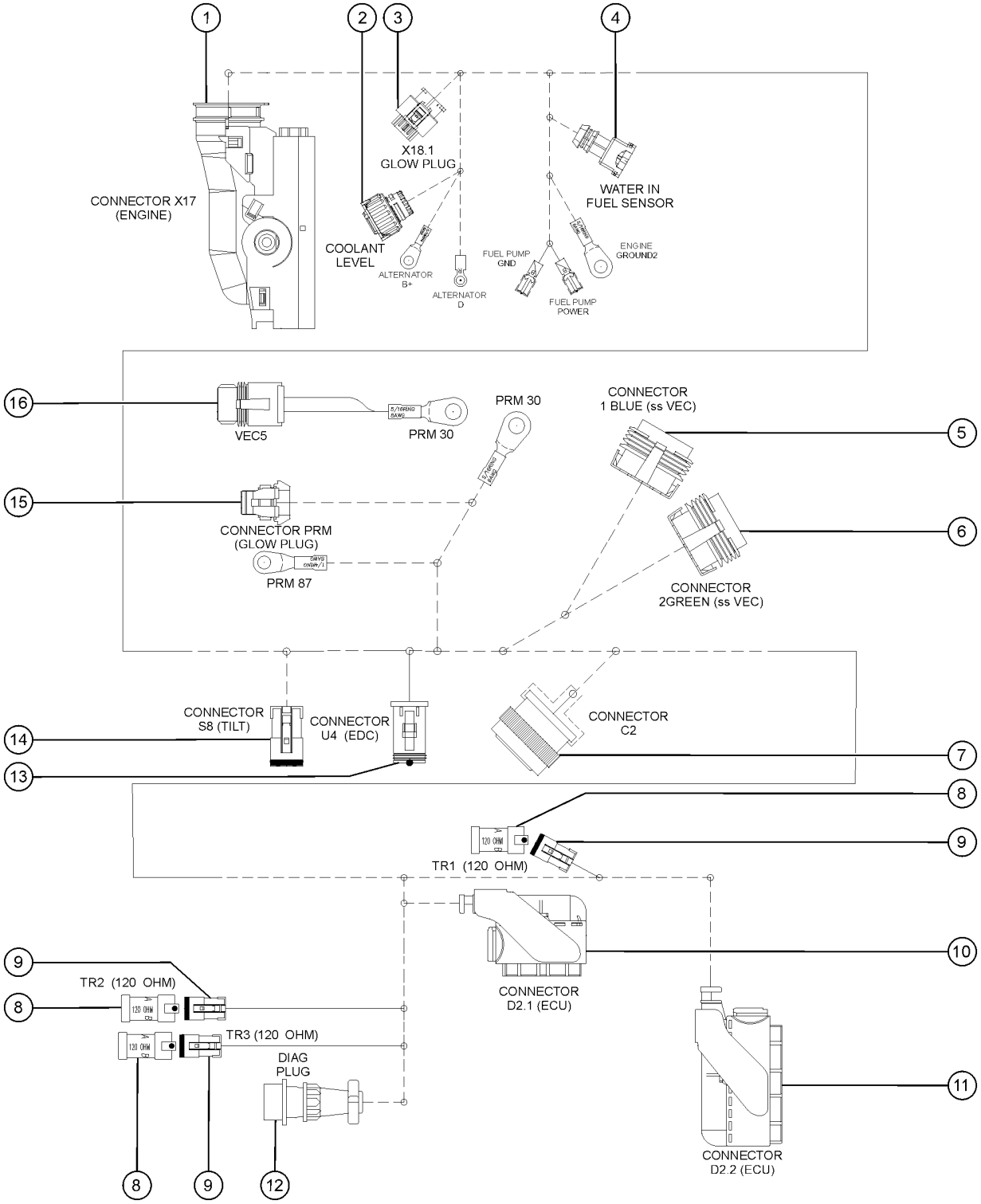
311.134E Harness, Z45 Deutz D2.9



311.134E Harness, Z45 Deutz D2.9

Item	Part No.	Description	Qty.
-	822049GT	HARNESS, Z45 DEUTZ D2.9 for models with Deutz D2.9 engines (to SN 57697)	1
1	822436GT	CONN,RECEP 62POS,AMP MCP1.5K/2.8	1
1-	822437GT	COVER,AMP 39/62POS CONNECTORS	1
2	822445GT	CONN,CIRC. AMP 4WAY,BLACK	1
3	822442GT	CONN,REC 2 WAY,AMP 8MM NGI, BLACK	1
4	56687GT	CONN, RECEP, 2 WAY, AMP, JR-PWR	1
5	822462GT	CONN, PLUG, 8 WAY, EATON, METRI-PACK 150, BLUE	1
5-	822466GT	LOCK,8WAY CBT TP2 SEALED	1
6	822463GT	CONN,8WAY CBT MALE,GREEN	1
6-	822466GT	LOCK,8WAY CBT TP2 SEALED	1
7	216381GT	CONN PLG HDP20 23W ES RING ADA	1
7-	216386GT	CONN BACKSHELL HDP20 180R ADAP	1
8	60452GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, J1939/120OHM	3
9	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	3
9-	60459GT	LOCK,PLUG 3 WAY,SAE J1939	3
10	822438GT	CONN KIT,RECEP 60POS,AMP MQS 1.5	1
11	822439GT	CONN KIT,94POS,AMP MQS1.5/MCP2.8	1
12	822448GT	CONN,REC,CANN TR 12WAY,SIZE14	1
13	119056GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, ENDCAP	2
13-	60439GT	CONN, RECEP, 2 WAY, DEUTSCH, DT, LOCK	2
14	119059GT	CONN PLUG 6 WAY ENDCAP DT	1
14-	60431GT	LOCK, PLUG 6WAY, 14-18GA	1
15	822453GT	CONN,2 WAY,METRI-PACK 150,BLA	1
15-	823599GT	LOCK,2WAY,TBA M/P 2BLU	1
16	822468GT	CONN,2WAY CBT MALE,GRAY	1
16-	822469GT	LOCK,2WAY CBT TP2 SEALED	1

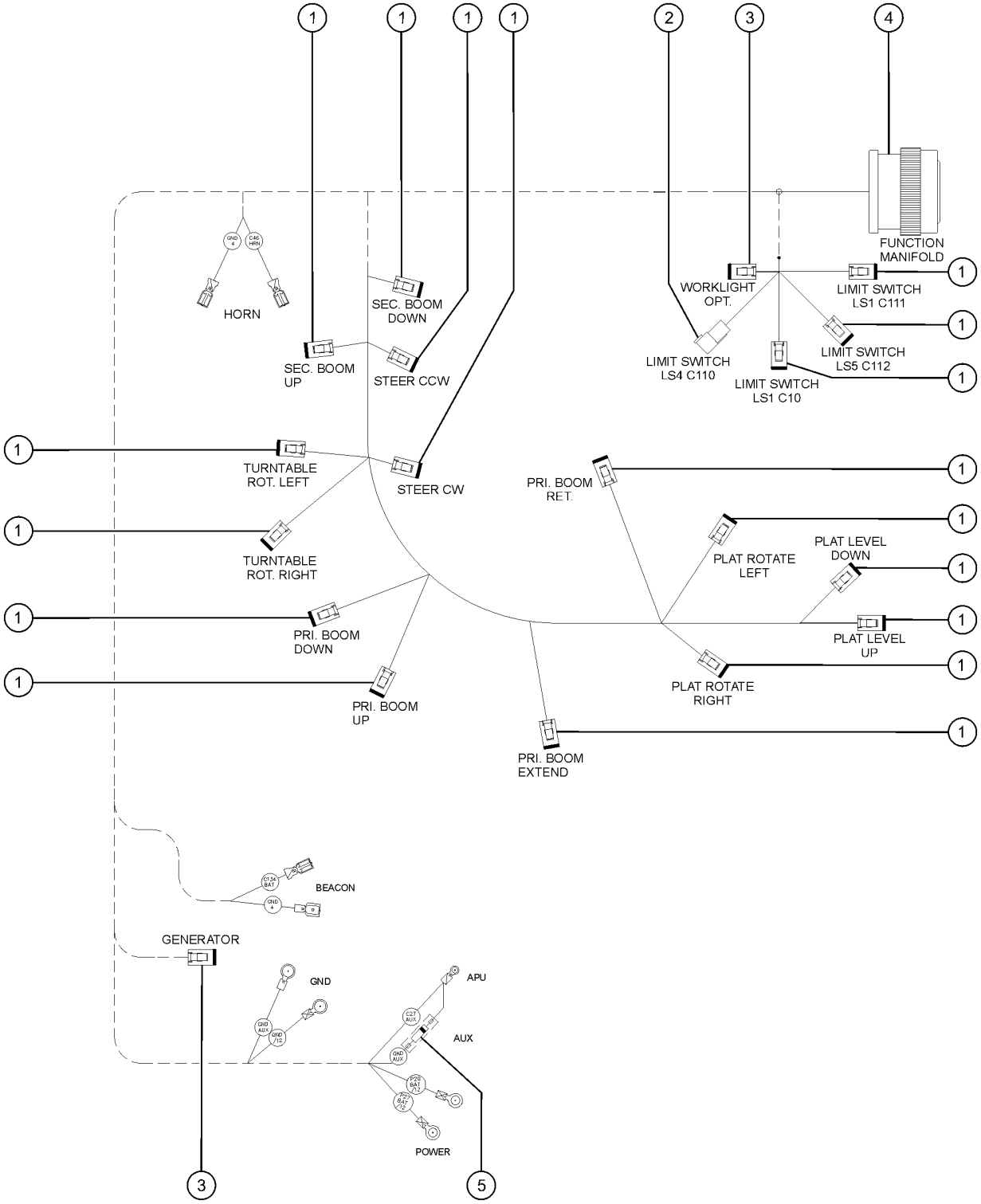
311.134F Harness, Z45 Deutz D2.9



311.134F Harness, Z45 Deutz D2.9

Item	Part No.	Description	Qty.
-	1270909GT	HARNESS, Z45 DEUTZ D2.9 for models with Deutz D2.9 engines (from SN 57698)	1
1	822436GT	CONN,RECEP 62POS,AMP MCP1.5K/2.8	1
1-	822437GT	COVER,AMP 39/62POS CONNECTORS	1
2	822445GT	CONN,CIRC. AMP 4WAY,BLACK	1
3	822442GT	CONN,REC 2 WAY,AMP 8MM NGI, BLACK	1
4	56687GT	CONN, RECEP, 2 WAY, AMP, JR-PWR	1
5	822462GT	CONN, PLUG, 8 WAY, EATON, METRI-PACK 150, BLUE	1
5-	822466GT	LOCK,8WAY CBT TP2 SEALED	1
6	822463GT	CONN,8WAY CBT MALE,GREEN	1
6-	822466GT	LOCK,8WAY CBT TP2 SEALED	1
7	216381GT	CONN PLG HDP20 23W ES RING ADA	1
7-	216386GT	CONN BACKSHELL HDP20 180R ADAP	1
8	60452GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, J1939/120OHM	3
9	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	3
9-	60459GT	LOCK,PLUG 3 WAY,SAE J1939	3
10	822438GT	CONN KIT,RECEP 60POS,AMP MQS 1.5	1
11	822439GT	CONN KIT,94POS,AMP MQS1.5/MCP2.8	1
12	822448GT	CONN,REC,CANN TR 12WAY,SIZE14	1
13	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	1
13-	60429GT	LOCK, PLUG 4WAY, 14-18GA	1
14	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	1
14-	60427GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, LOCK	1
15	822453GT	CONN,2 WAY,METRI-PACK 150,BLA	1
15-	823599GT	LOCK,2WAY,TBA M/P 2BLU	1
16	822468GT	CONN,2WAY CBT MALE,GRAY	1
16-	822469GT	LOCK,2WAY CBT TP2 SEALED	1

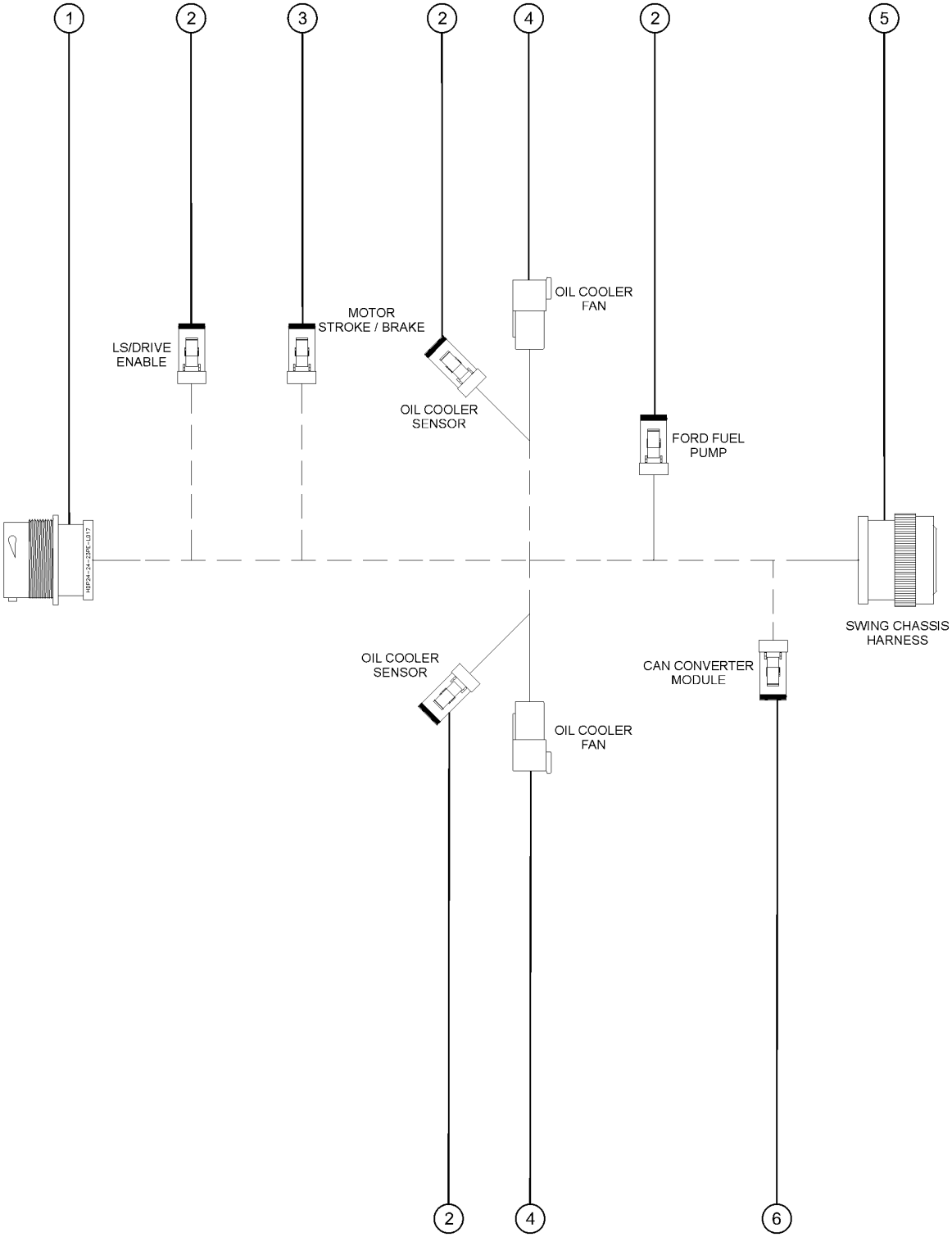
311.135 Harn, Function Manifold, Z45IC



311.135 Harn, Function Manifold, Z45IC

Item	Part No.	Description	Qty.
-	217957GT	HARN, FUNCTION MANIFOLD,Z45IC	1
-	101191GT	WIRE LOOM,1"DIA.SLIT,HI TEMP	10 Inches
-	75640GT	WIRE LOOM,3/4 DIA.	16 Inches
-	94652GT	WIRE LOOM,1/2DIA.SLIT HI-TEMP*	50 Inches
-	53471GT	WIRE LOOM,3/8 NYLON,HI TEMP	134 Inches
1	119056GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, ENDCAP	19
1-	60425GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, LOCK	19
2	119065GT	CONN, RECEP, 2 WAY, DEUTSCH, DT	1
2-	60439GT	CONN, RECEP, 2 WAY, DEUTSCH, DT, LOCK	1
3	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	2
3-	60429GT	LOCK, PLUG 4WAY, 14-18GA	2
4	216378GT	CONN PLG HDP20 29W ES RING ADA	1
5	56445GT	DIODE,6 AMP 200 PIV,REEL	

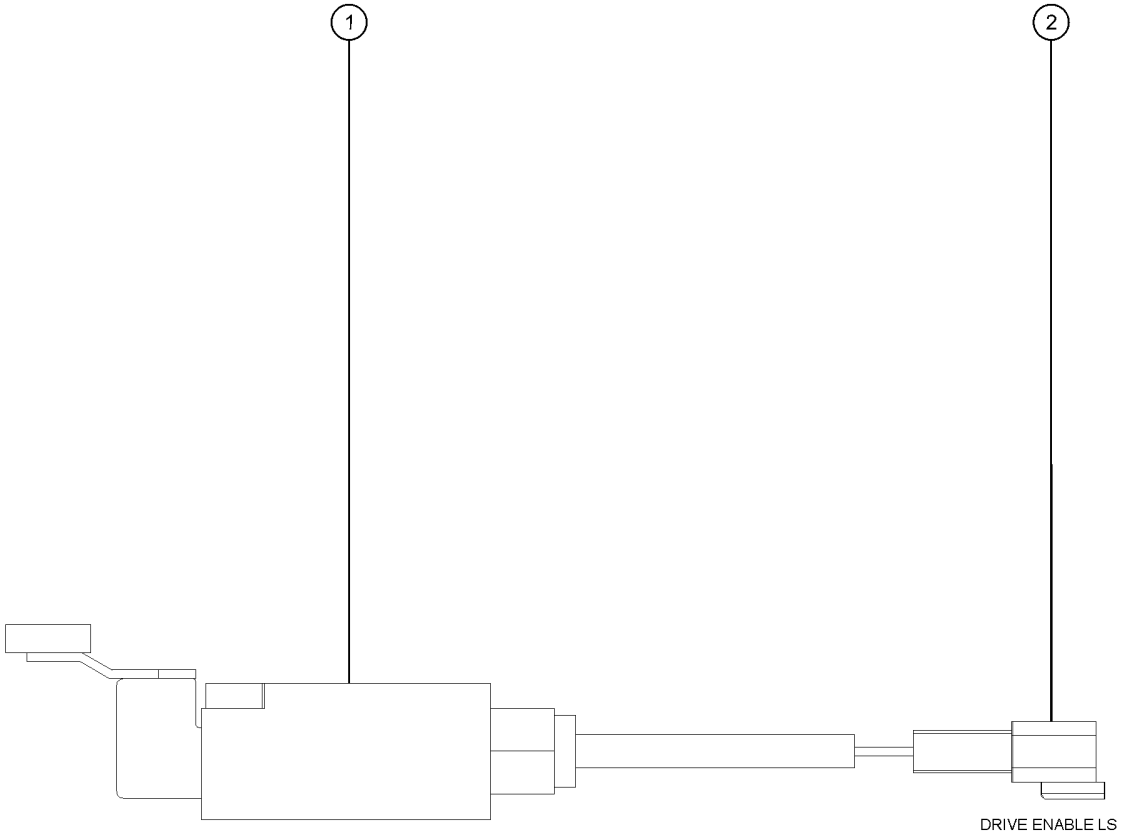
311.136 Harn, Swing Chassis, Z45IC/Z51



311.136 Harn, Swing Chassis, Z45IC/Z51

Item	Part No.	Description	Qty.
-	217782GT	HARN,SWING CHASSIS,Z45IC/Z51	1
-	101191GT	WIRE LOOM,1"DIA.SLIT,HI TEMP	122 Inches
-	53471GT	WIRE LOOM,3/8 NYLON,HI TEMP	83 Inches
1	216380GT	CONN,RECEP HDP20 23W ES RING	1
1-	216387GT	CONN BACKSHELL HDP20 90R ADAPT	1
2	119056GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, ENDCAP	4
2-	60425GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, LOCK	4
3	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	1
3-	60429GT	LOCK, PLUG 4WAY, 14-18GA	1
4	119065GT	CONN, RECEP, 2 WAY, DEUTSCH, DT	2
4-	60439GT	CONN, RECEP, 2 WAY, DEUTSCH, DT, LOCK	2
5	216383GT	CONN PLG HDP20 29W ES REV RING	1
6	119059GT	CONN PLUG 6 WAY ENDCAP DT	1
6-	60431GT	LOCK, PLUG 6WAY, 14-18GA	1

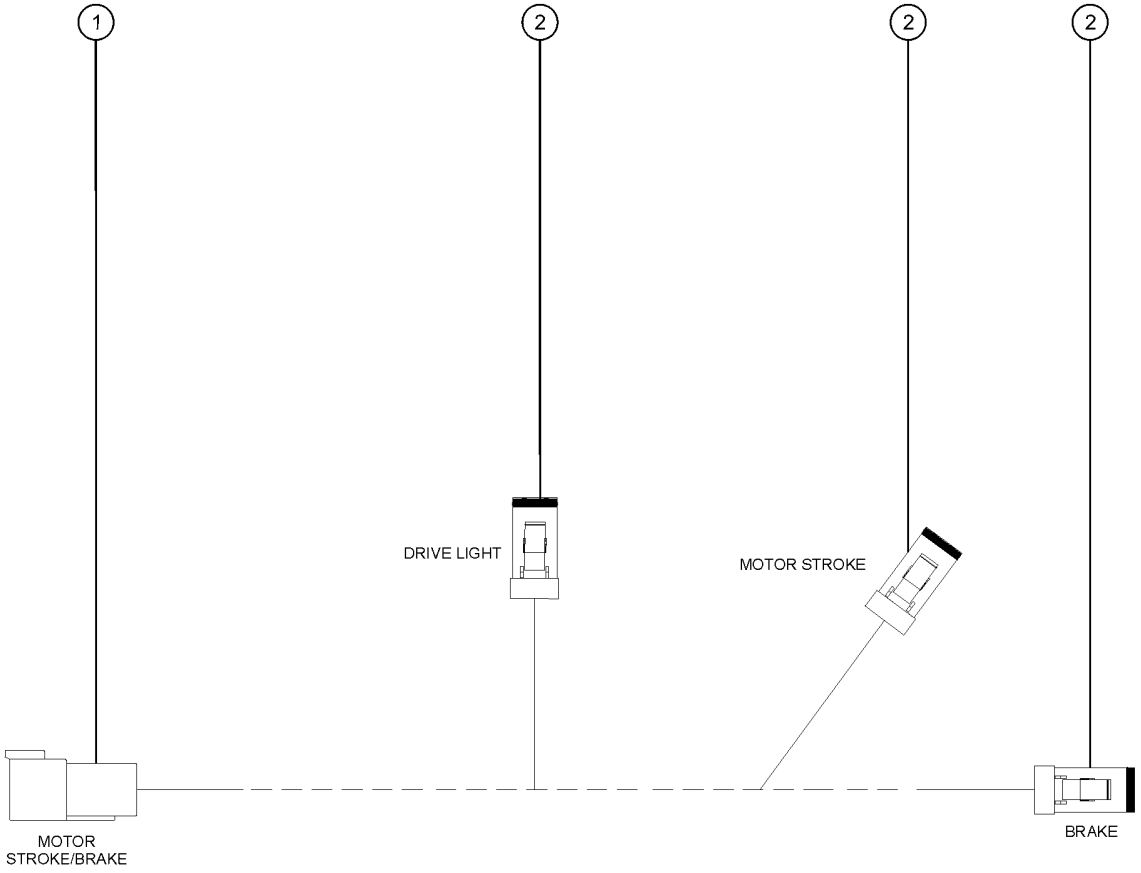
311.137 Harness, LS, D.E. Z45



311.137 Harness, LS, D.E. Z45

Item	*Part No.*	*Description*	*Qty.*
-	110160GT	HARNESS,LS,D.E. Z45	1
1	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	1
2	119065GT	CONN, RECEP, 2 WAY, DEUTSCH, DT	1
2-	60439GT	CONN, RECEP, 2 WAY, DEUTSCH, DT, LOCK	1

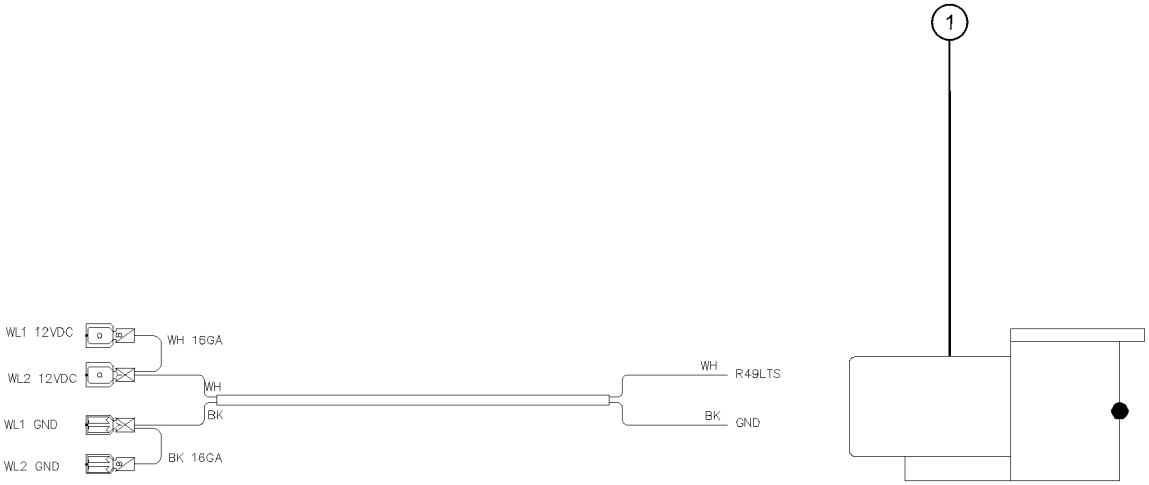
311.138 Harn, Brake-MS Adapter Cable



311.138 Harn, Brake-MS Adapter Cable

Item	*Part No.*	*Description*	*Qty.*
-	217904GT	HARN BRAKE-MS ADAPTER CABLE	1
-	53471GT	WIRE LOOM,3/8 NYLON,HI TEMP	42 Inches
1	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP	1
1-	60443GT	LOCK, RECEP 4WAY, 14-18GA	1
2	119056GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, ENDCAP	3
2-	60425GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, LOCK	3

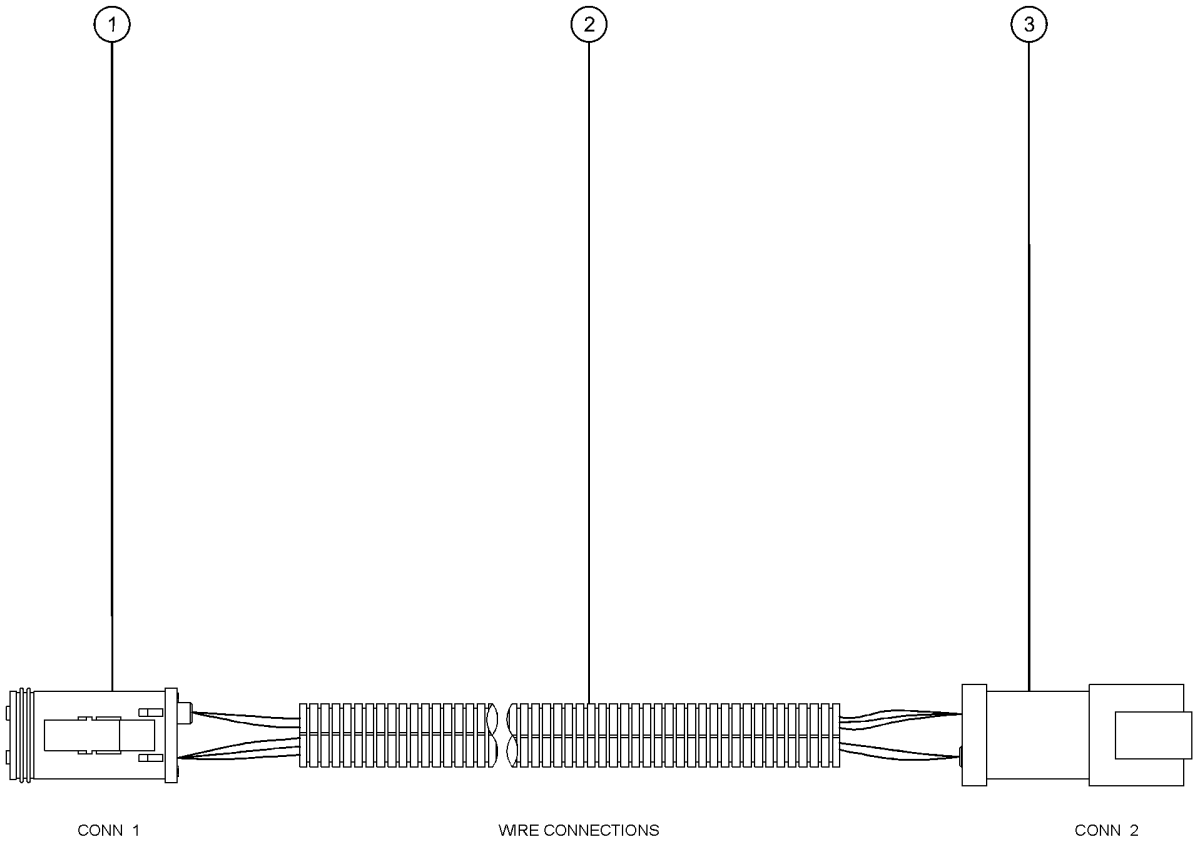
311.139 Harn, Drive Lights, Z45/Z51



311.139 Harn, Drive Lights, Z45/Z51

Item	*Part No.*	*Description*	*Qty.*
-	219684GT	HARN,DRIVE LIGHTS,Z45/Z51	1
1	119065GT	CONN, RECEP, 2 WAY, DEUTSCH, DT	1
1-	60439GT	CONN, RECEP, 2 WAY, DEUTSCH, DT, LOCK	1

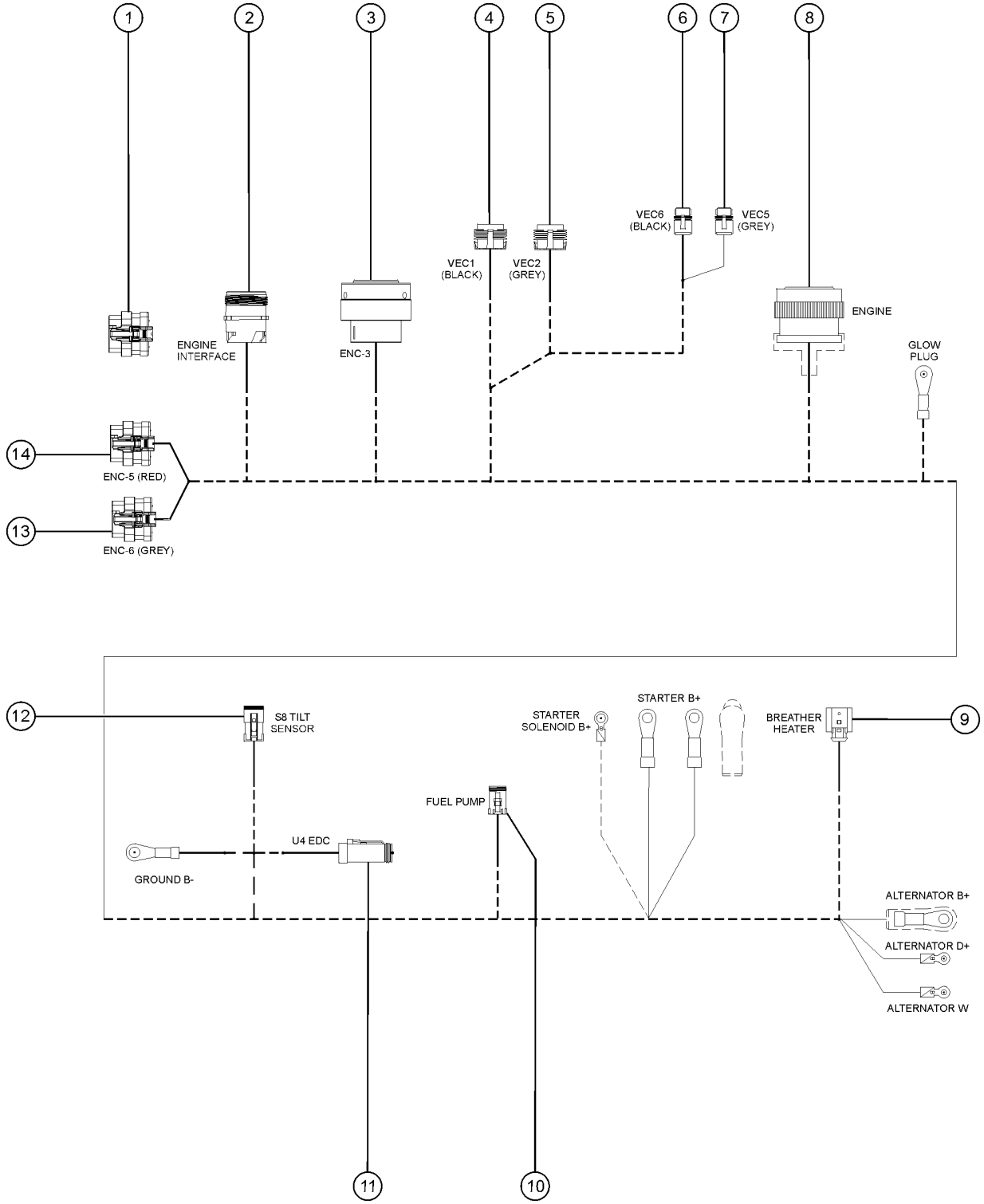
311.141A Harn, Perkins 404F, 6WAY EXT



311.141A Harn, Perkins 404F, 6WAY EXT

Item	*Part No.*	*Description*	*Qty.*
-	822513GT	HARN,PERKINS 404F,6WAY EXT	1
1	119059GT	CONN PLUG 6 WAY ENDCAP DT	1
1-	60431GT	LOCK, PLUG 6WAY, 14-18GA	1
2	53471GT	WIRE LOOM,3/8 NYLON,HI TEMP	102 Inches
3	119068GT	CONN,RECEP 6 WAY ENDCAP DT	1
3-	60445GT	LOCK,RECEP 6 WAY,14-18GA	1

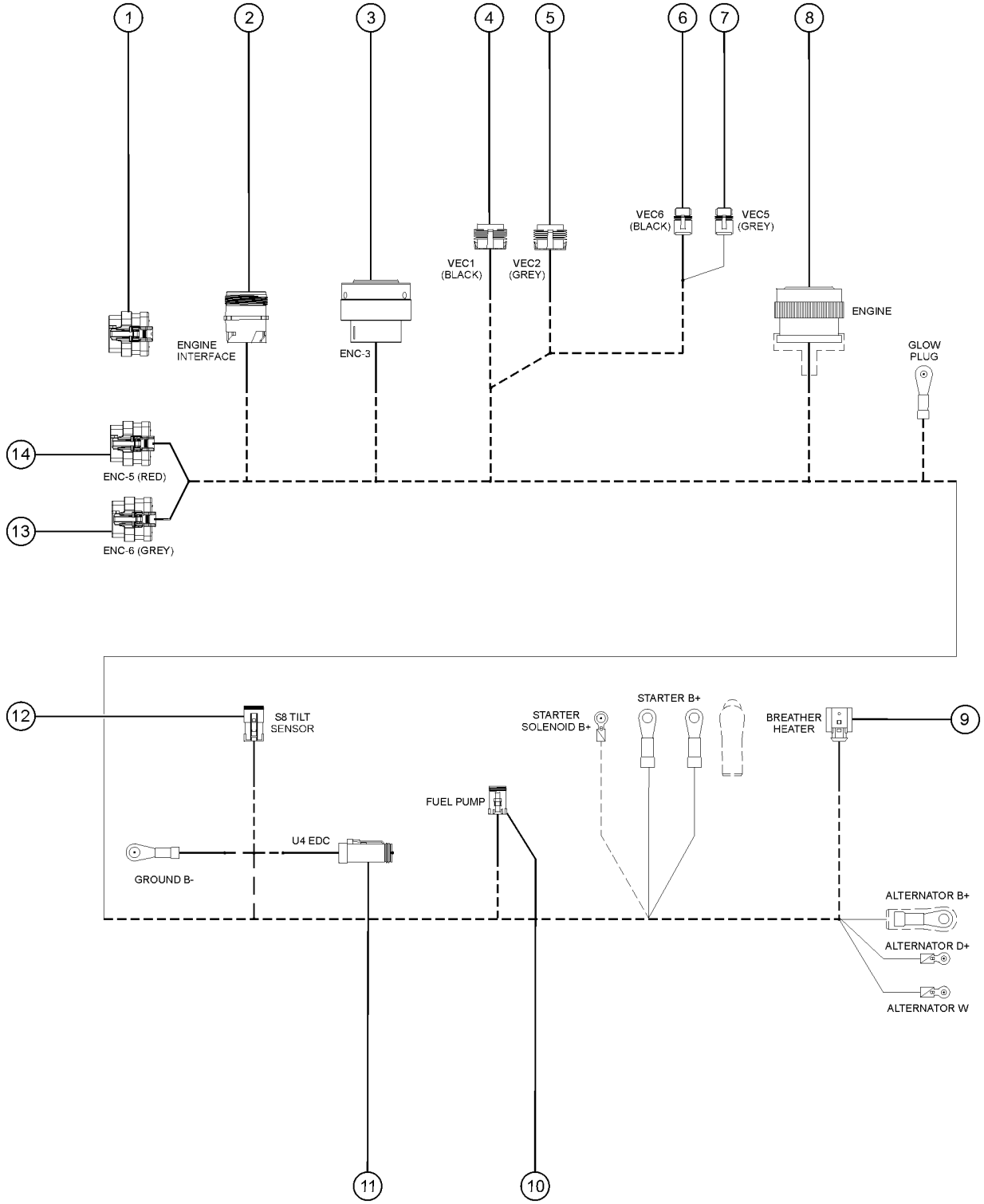
311.141B Harness Adapter, Engine, Perkins 404F-E22T



311.141B Harness Adapter, Engine, Perkins 404F-E22T

Item	Part No.	Description	Qty.
-	1287839GT	HARNESS ADAPTER, ENGINE, PERKINS 404F-E22T Perkins 404F-E22T models only (from SN Z4525F-60063)	1
-	53471GT	WIRE LOOM,3/8 NYLON,HI TEMP	80 Inches
-	101191GT	WIRE LOOM,1"DIA.SLIT,HI TEMP	77 Inches
1	1287651GT	CONNECTOR, AMP, 12 WAY, YELLOW	1
2	823052GT	CONN,RECEP 9-WAY,FL. GRAY	1
2-	823053GT	CONN,DUST CAP,RECEP,9-WAY GRAY	1
3	1287648GT	CONNECTOR, DEUTSCH, 8 WAY	1
4	822464GT	CONN,8WAY CBT MALE,BLACK	1
4-	822466GT	LOCK,8WAY CBT TP2 SEALED	1
5	822465GT	CONN,8WAY CBT MALE,GRAY	1
5-	822466GT	LOCK,8WAY CBT TP2 SEALED	1
6	822467GT	CONN,2WAY CBT MALE,BLACK	1
6-	822469GT	LOCK,2WAY CBT TP2 SEALED	1
7	822468GT	CONN,2WAY CBT MALE,GRAY	1
7-	822469GT	LOCK,2WAY CBT TP2 SEALED	1
8	216381GT	CONN PLG HDP20 23W ES RING ADA	1
8-	216386GT	CONN BACKSHELL HDP20 180R ADAP	1
9	1258096GT	CONN,PLUG,TYCO2.8MM,2-WAY	1
10	119056GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, ENDCAP	1
10-	60425GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, LOCK	1
11	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	1
11-	60429GT	LOCK, PLUG 4WAY, 14-18GA	1
12	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	1
12-	60427GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, LOCK	1
13	1287650GT	CONNECTOR, AMP, 12 WAY, GREY	1
13-	1288126GT	CLIP, AMP CONNECTOR	1
14	1287649GT	CONNECTOR, AMP, 12WAY, RED	1

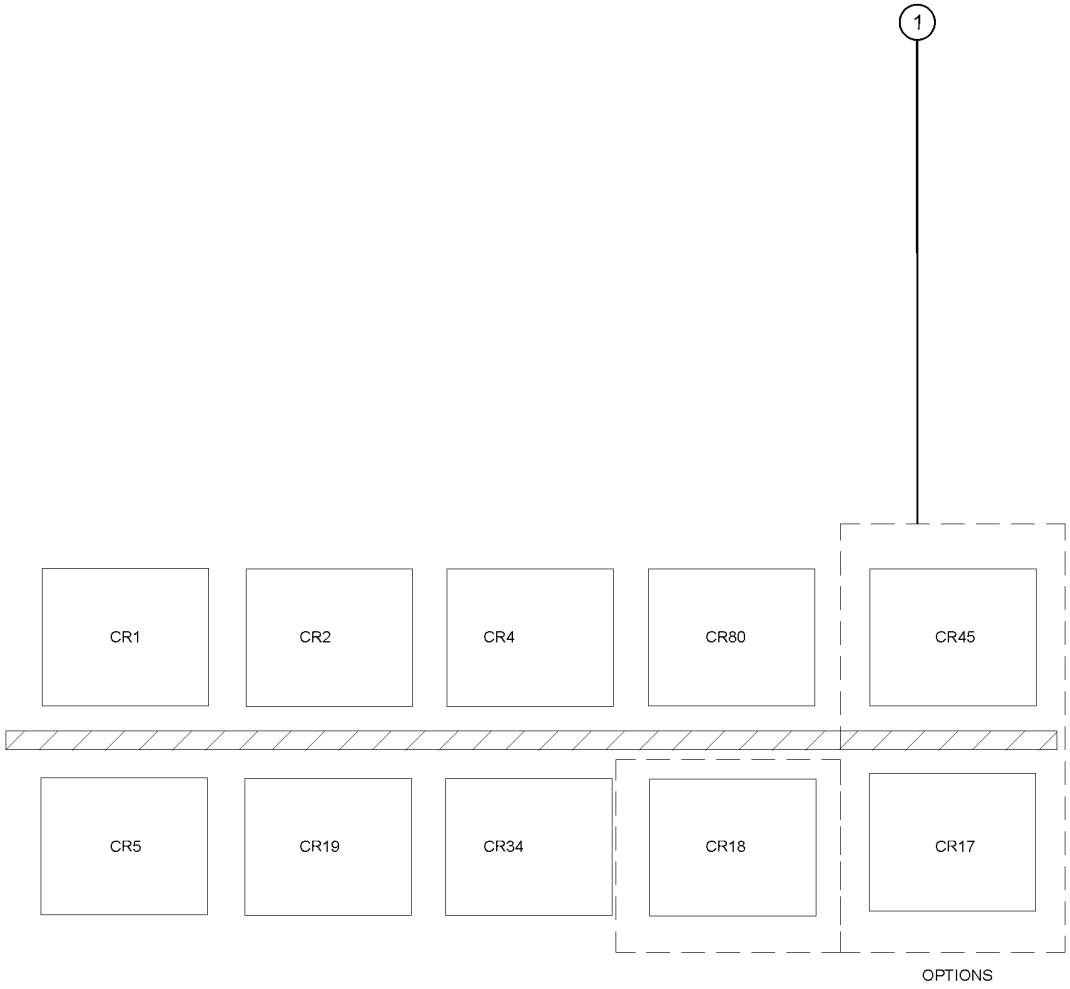
311.141B Harness Adapter, Engine, Perkins 404F-E22T



311.141B Harness Adapter, Engine, Perkins 404F-E22T

Item	*Part No.*	*Description*	*Qty.*
14-	1288126GT	CLIP, AMP CONNECTOR	1

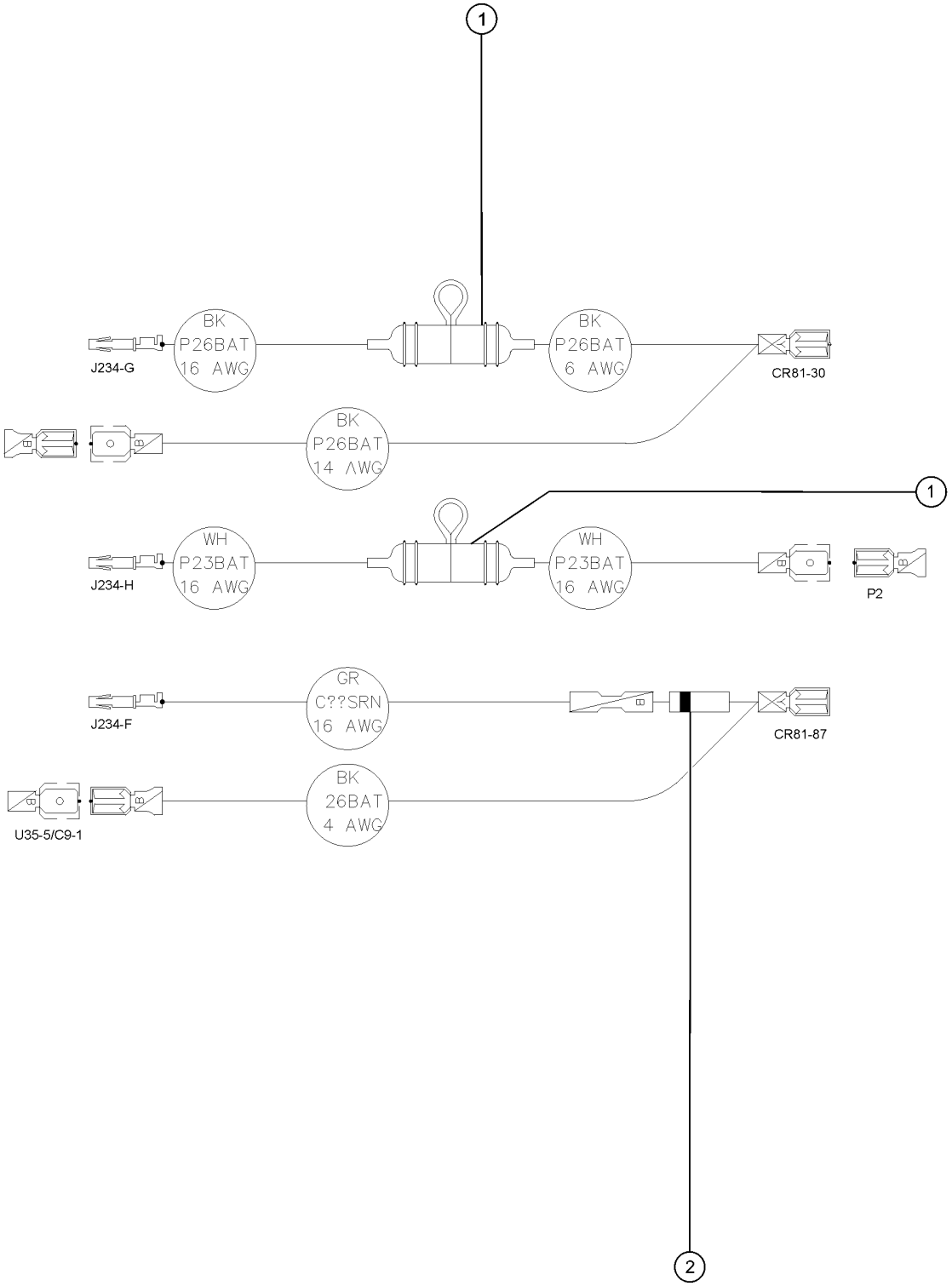
311.142 Harness Assy, GCon, PLAT PRTY



311.142 Harness Assy, GCon, PLAT PRTY

Item	*Part No.*	*Description*	*Qty.*
-	1261298GT	HARNESS ASSY,GCON,PLAT PRTY	1
1	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	1
1-	34053GT	ASSY,RELAY SOCKET, AUTO	1

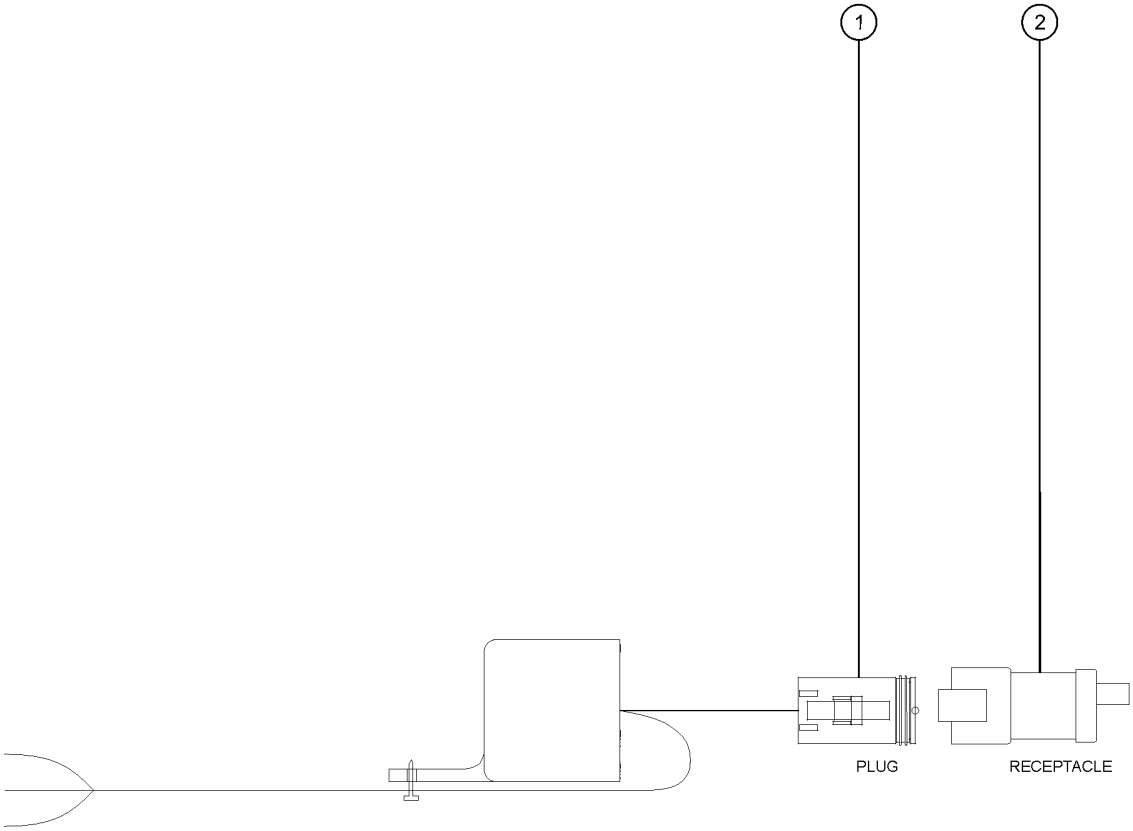
311.143A Harn, PBox,OPA, HW, 12V

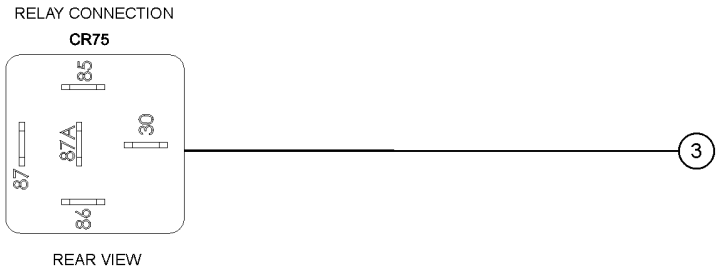


311.143A Harn, PBox,OPA, HW, 12V

Item	*Part No.*	*Description*	*Qty.*
-	1255555GT	HARN,PBOX,OPA,HW,12V option	1
-		CONN,RECEPT,8 WAY,SKT,UT0 No longer available,(contact customer service)	1
-	19274GT	RELAY,SPDT,12V(AUTO)**	1
1	23083GT	FUSE HOLDER,WATERPROOF	2
1-	13097GT	FUSE,10 AMP	2
2	56445GT	DIODE,6 AMP 200 PIV,REEL	1

311.145 Harness, Tilt 12V, CSA

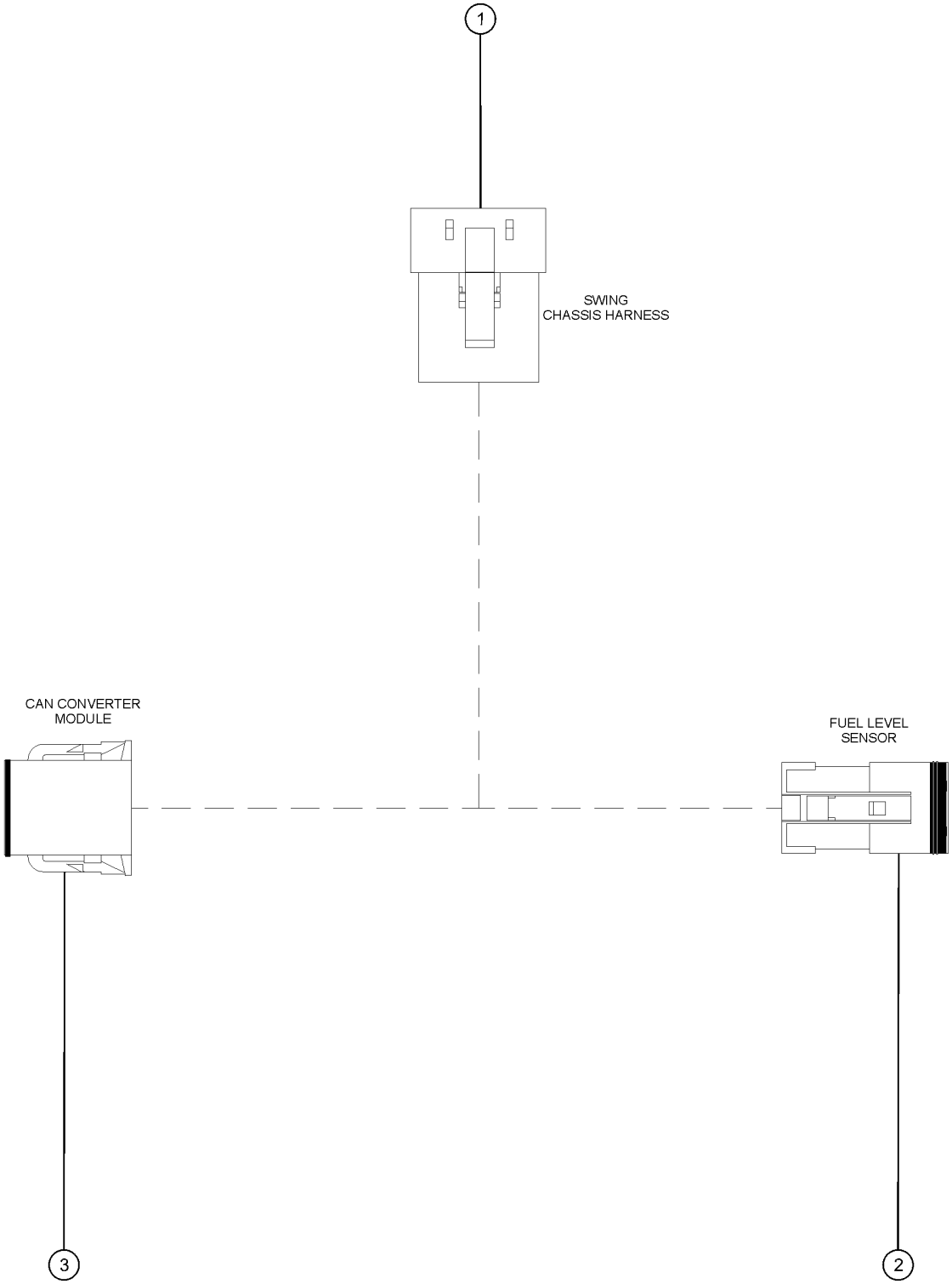




311.145 Harness, Tilt 12V, CSA

Item	*Part No.*	*Description*	*Qty.*
-	1261844GT	HARNESS, TILT 12V, CSA	1
1	119059GT	CONN PLUG 6 WAY ENDCAP DT	1
1-	60431GT	LOCK, PLUG 6WAY, 14-18GA	1
2	119068GT	CONN,RECEP 6 WAY ENDCAP DT	1
2-	60445GT	LOCK,RECEP 6 WAY,14-18GA	1
3	19274GT	RELAY,SPDT,12V(AUTO)**	1

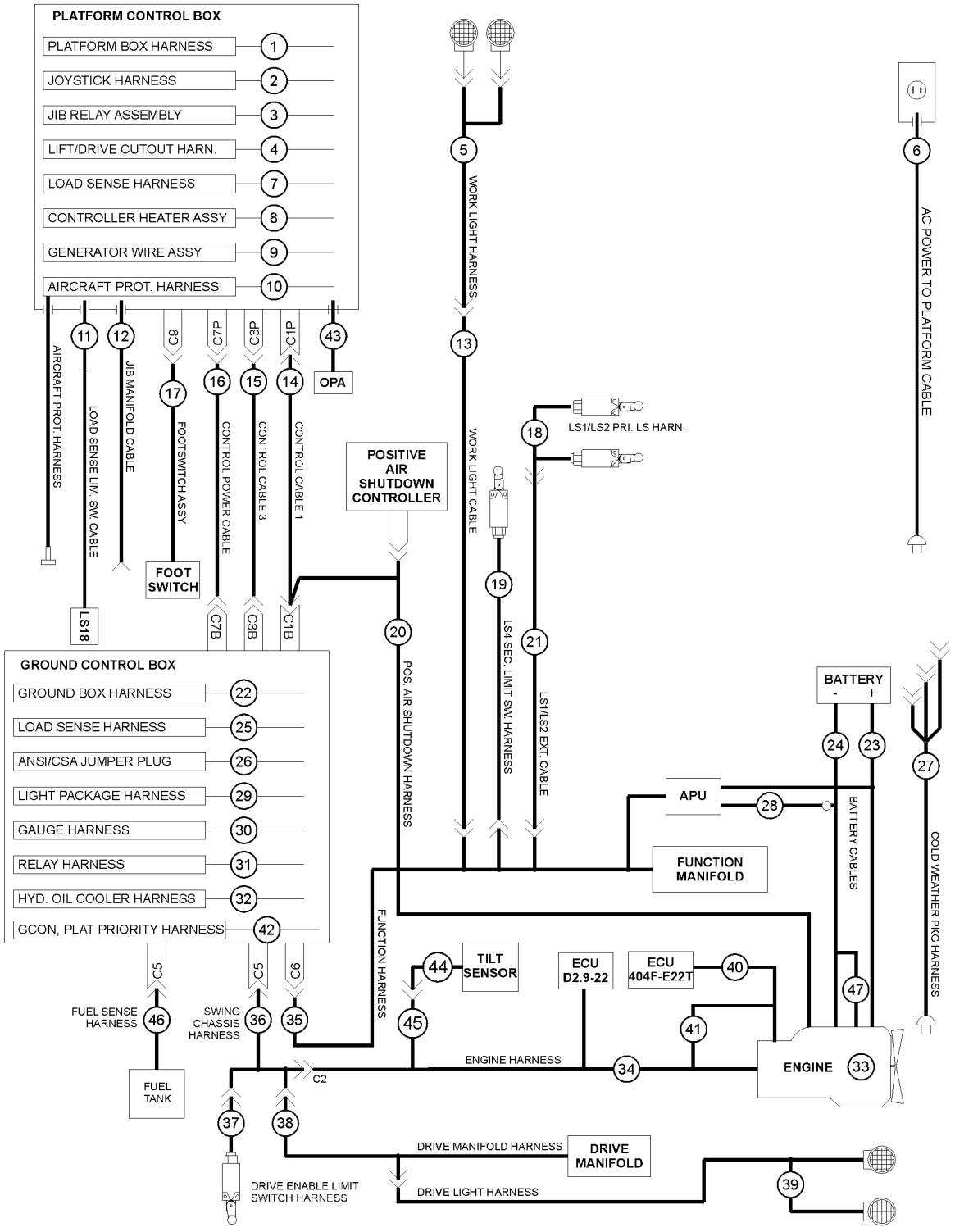
311.146 Harness, Fuel Sense, Z45IC FAMILY



311.146 Harness, Fuel Sense, Z45IC FAMILY

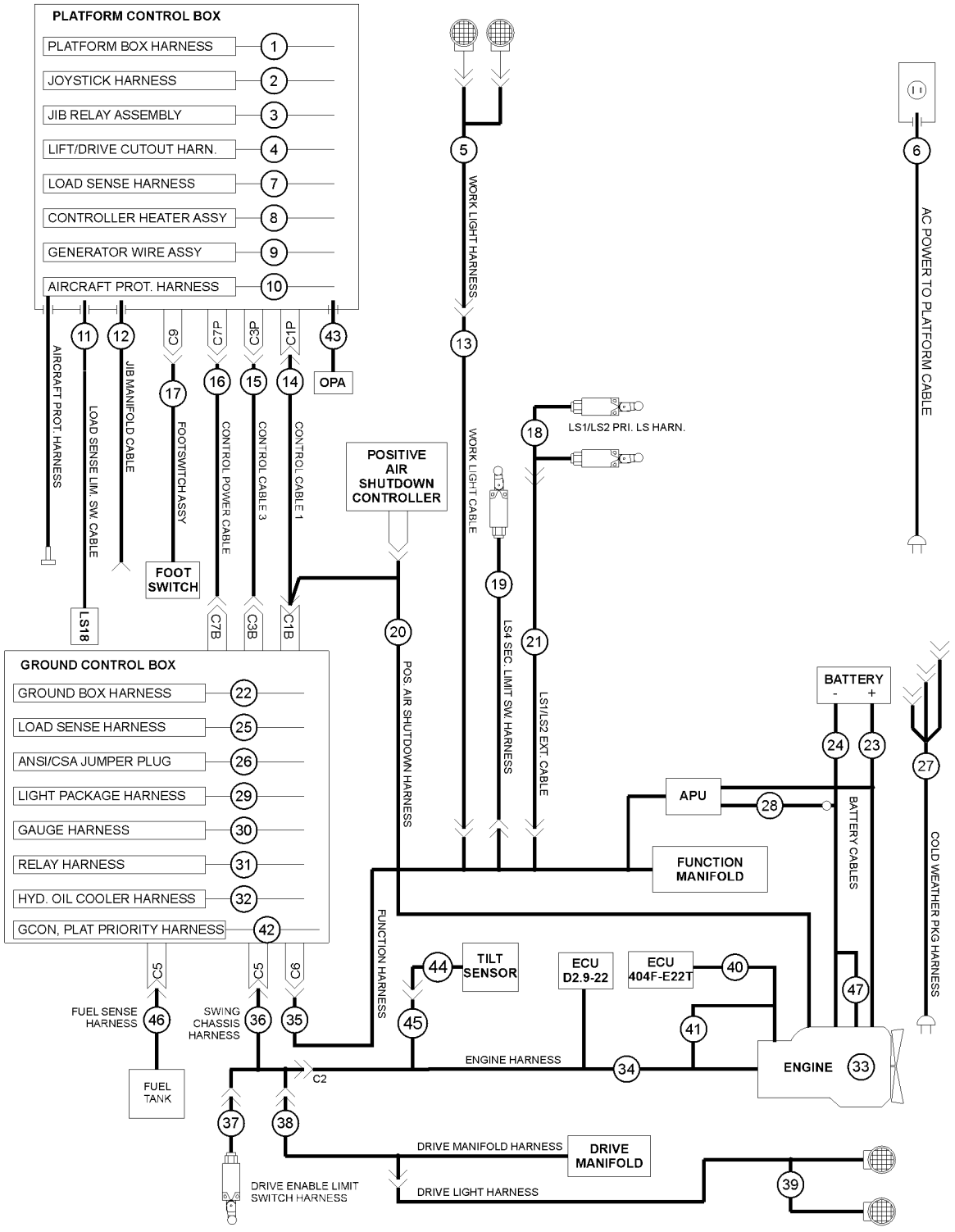
Item	*Part No.*	*Description*	*Qty.*
-	1272909GT	HARNESS, FUEL SENSE, Z45IC FAMILY	1
1	119068GT	CONN,RECEP 6 WAY ENDCAP DT	1
1-	60445GT	LOCK,RECEP 6 WAY,14-18GA	1
2	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP	1
2-	60427GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, LOCK	1
3	119059GT	CONN PLUG 6 WAY ENDCAP DT	1
3-	60431GT	LOCK, PLUG 6WAY, 14-18GA	1

311.2 Wire Harness Diagram



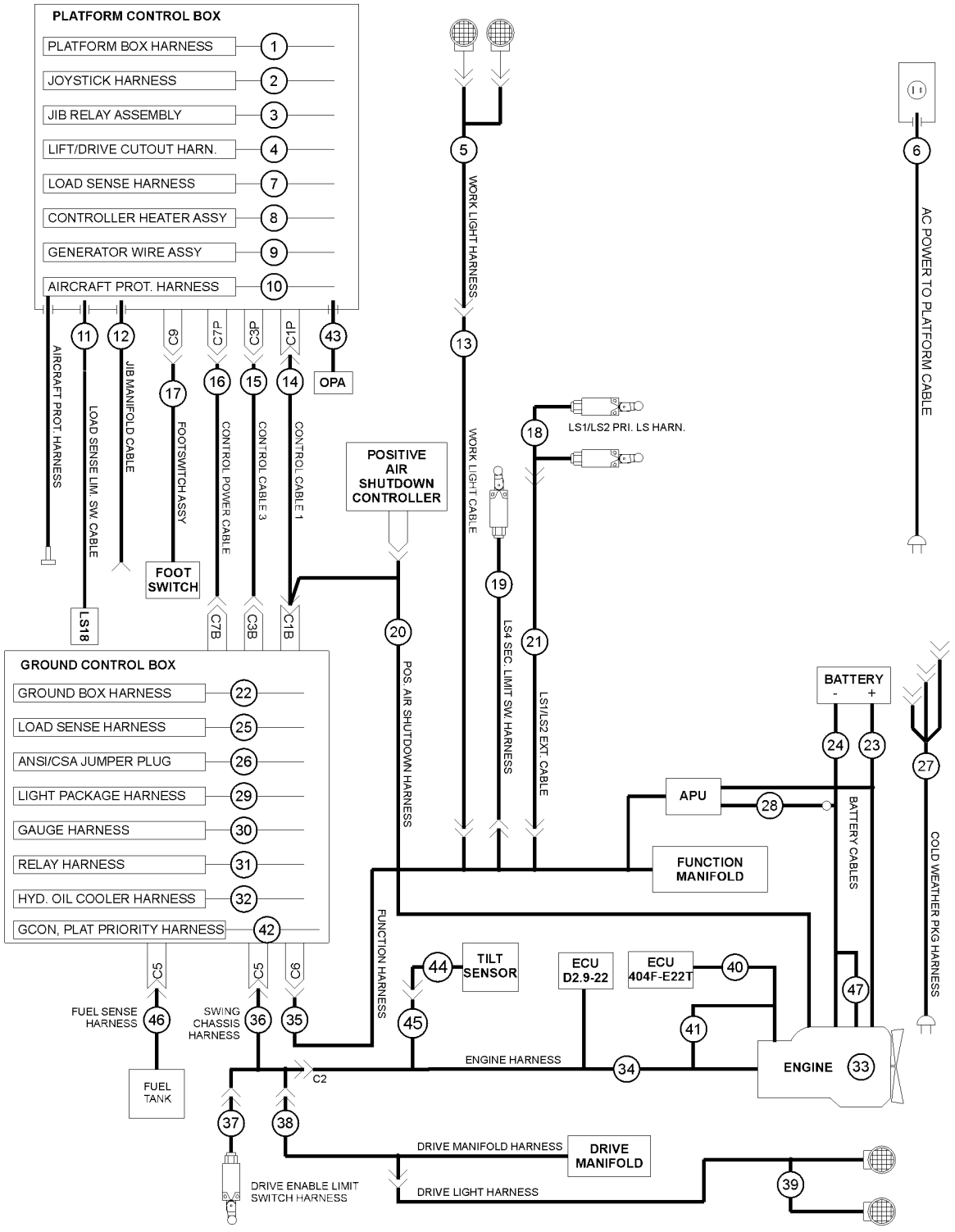
Item	Part No.	Description	Qty.
1	1262313GT	HARNESS, PBOX	1
2	218781GT	HARNESS,JOYSTICK	1
3	1262643GT	HARNESS, JIB OPTION	1
4	1262315GT	HARNESS, PBOX, LIFT/DRIVE	1
5	T114627GT	HARNESS,12V WORK LIGHTS	1
6	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL Z-45/25J	797 Inches
7	1261296GT	HARNESS ASSY,PCON,LOAD SENSE	
8	219683GT	ASSY,ALC500 HEATER,Z45/Z51	1
9	219672GT	HARNESS,GENERATOR,PBOX,Z45/51	
10	1262314GT	HARNESS, PBOX, PROX KILL	1
--	27391GT	PROXIMITY SENSOR***	1
11	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
14	217896GT	HARNESS,CONTROL CABLE 1,JIB Z-45/25J	1
15	217897GT	HARNESS,CONTROL CABLE 3,JIB Z-45/25J	1
16	217898GT	HARN,CABLE,POWER TO PLAT,Z45J Z-45/25J	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
22	1262312GT	HARNESS, GBOX	1
22-	36899GT	SPLICE,PARALLEL,RED,INSULATED	
22-	56445GT	DIODE,6 AMP 200 PIV,REEL	
22B	1255663GT	HARNESS,GBOX,T4,Z45 for models with Deutz D2.9 & Perkins 404F-22 engines	1
22B-	36899GT	SPLICE,PARALLEL,RED,INSULATED	

311.2 Wire Harness Diagram



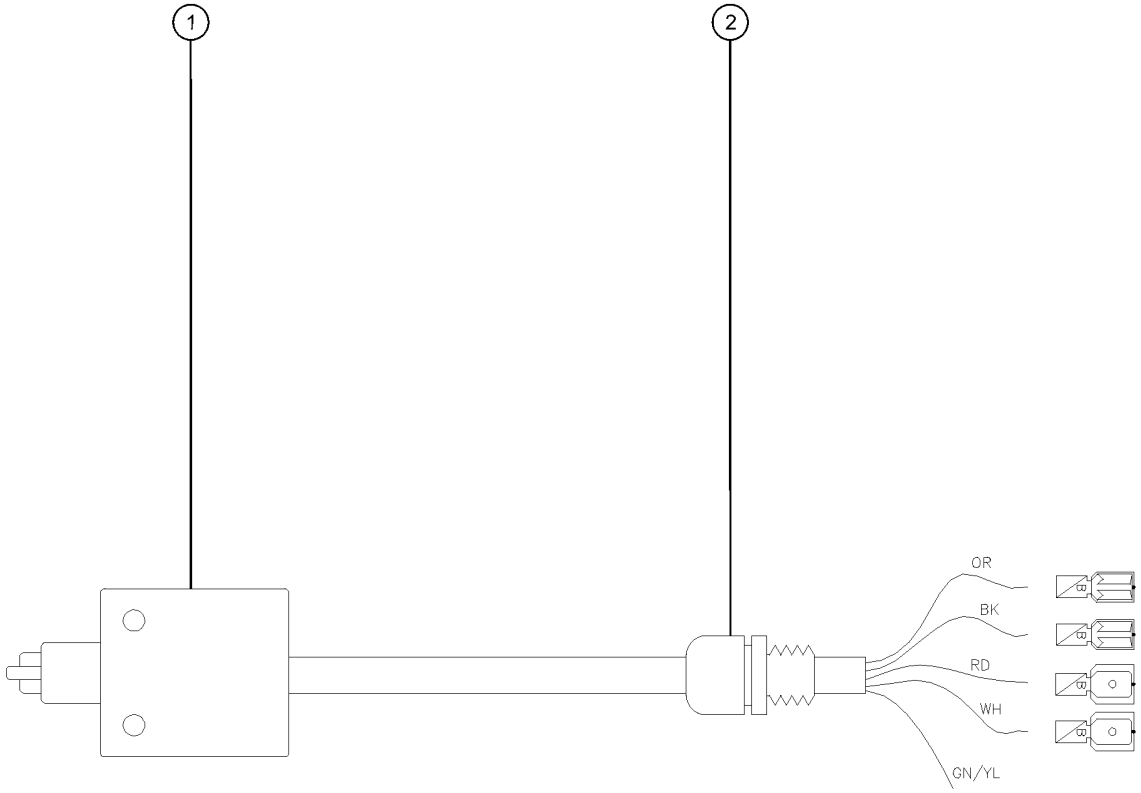
Item	Part No.	Description	Qty.
22B-	56445GT	DIODE,6 AMP 200 PIV,REEL	
23	218454GT	BATTERY CABLE,POSITIVE,RED	1
23B	1287652GT	BATTERY CABLE, POSITIVE, RED Perkins 404F-E22T models only (from SN Z4525F-60063)	1
24	218455GT	BATTERY CABLE,NEGATIVE,BLACK	1
25	219305GT	HARNESS,JUMPER,LOAD SENSE,GBOX	1
26	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	1
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,Z45/51	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 for models with Ford MSG-425	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 Z45-20 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

311.2 Wire Harness Diagram



Item	Part No.	Description	Qty.
38	217904GT	HARN BRAKE-MS ADAPTER CABLE	1
39	219684GT	HARN,DRIVE LIGHTS,Z45/Z51	1
40	1271124GT	CONNECT BOX, PERK T4 EXT HARN Perkins replaced by 1329691GT	1
40B	1329691GT	CONNECT BOX, PERK T4 EXT HARNESS	1
40C	1287647GT	HARNESS, ENGINE, PERKINS 404F-E22T, Z45 Perkins 404F-E22T models only (from SN Z4525F-60063)	1
41	822513GT	HARN,PERKINS 404F,6WAY EXT	1
41B	1287839GT	HARNESS ADAPTER, ENGINE, PERKINS 404F-E22T Perkins 404F-E22T models only (from SN Z4525F-60063)	1
42	1261298GT	HARNESS ASSY,GCON,PLAT PRTY	1
43	1255555GT	HARN,PBOX,OPA,HW,12V option	1
43B	1255030GT	PLUG,BLANKING	1
44	94077GT	SENSOR,LEVEL,4.5 DEG	1
44B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5	1
45	1261844GT	HARNESS, TILT 12V, CSA	1
46	1272909GT	HARNESS, FUEL SENSE, Z45IC FAMILY	1
47	1288161GT	CABLE, GND JUMPER Perkins 404F-E22T models only (from SN Z4525F-60063)	1

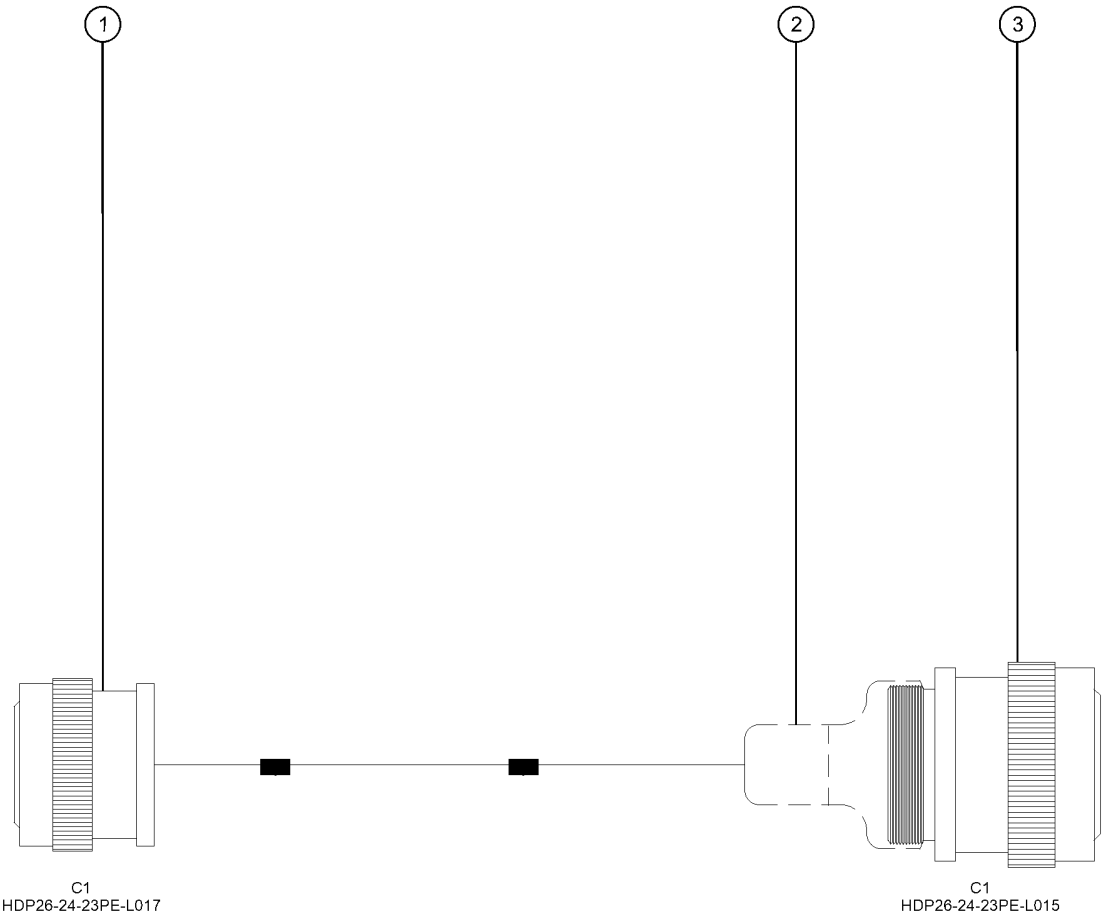
311.211 Assy, LS, Load Sense, 38.5 IN



311.211 Assy, LS, Load Sense, 38.5 IN

Item	*Part No.*	*Description*	*Qty.*
-	121848GT	ASSY,LS,LOAD SENSE,38.5 IN Z45/25J, CE and Australia	1
1	99183GT	SWITCH, ROLLER PLUNGER LIMIT	1
2	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
2-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1

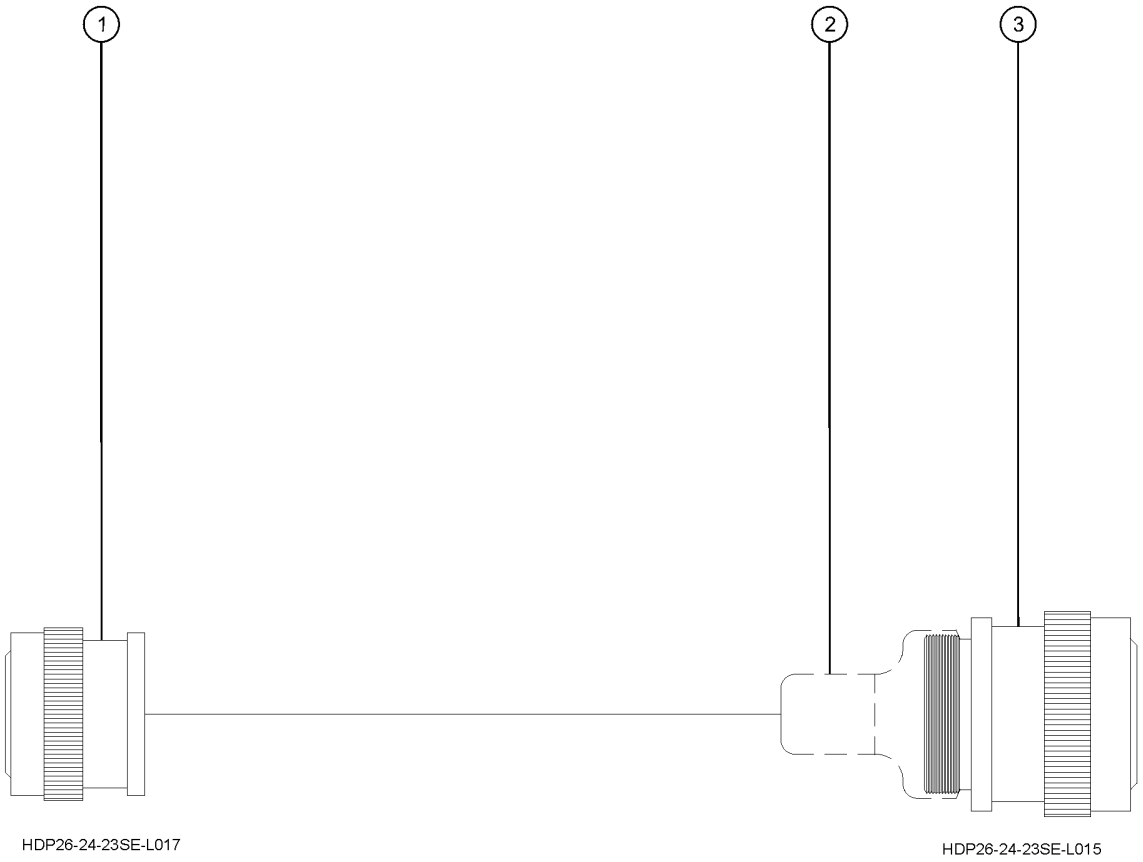
311.214 Harness, Control Cable 1, JIB



311.214 Harness, Control Cable 1, JIB

Item	*Part No.*	*Description*	*Qty.*
-	217896GT	HARNESS,CONTROL CABLE 1,JIB Z-45/25J	1
1	216375GT	CONN PLG HDP20 23W ES REV RING	1
1-	60757GT	PLUG, SEAL, 12-18GA	4
2	216390GT	CONN BACKSHELL HDP20L015.43-.57	1
2-	216389GT	CONN BACKSHELL ASSY NUT.43-.57IN	1
3	216376GT	CONN PLG HDP20 23W ES REV THRD	1
3-	60757GT	PLUG, SEAL, 12-18GA	4

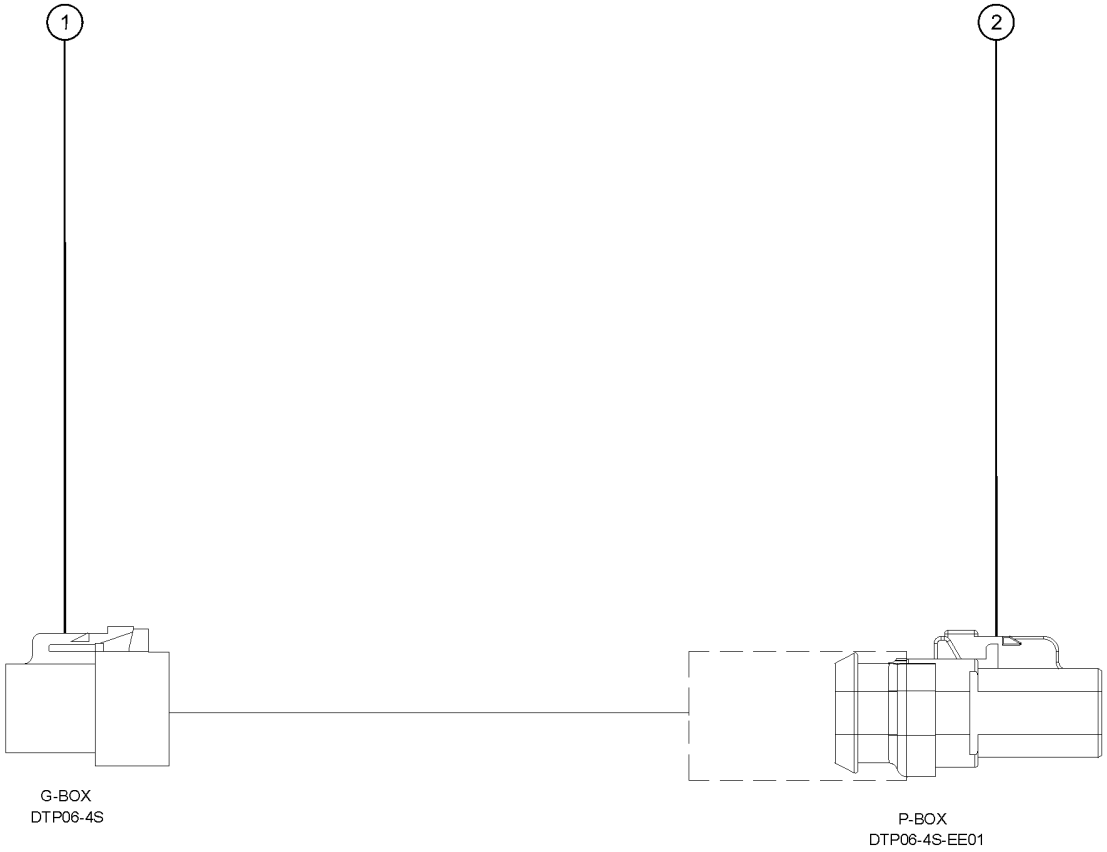
311.215 Harness, Control Cable 3, JIB



311.215 Harness, Control Cable 3, JIB

Item	*Part No.*	*Description*	*Qty.*
-	217897GT	HARNESS,CONTROL CABLE 3,JIB Z-45/25J	1
1	216381GT	CONN PLG HDP20 23W ES RING ADA	1
1-	60757GT	PLUG, SEAL, 12-18GA	4
2	216389GT	CONN BACKSHELL ASSY NUT.43-.57IN	1
2-	216390GT	CONN BACKSHELL HDP20L015.43-.57	1
3	216373GT	CONN PLG HDP20 23W ES THREAD	1
3-	60757GT	PLUG, SEAL, 12-18GA	4

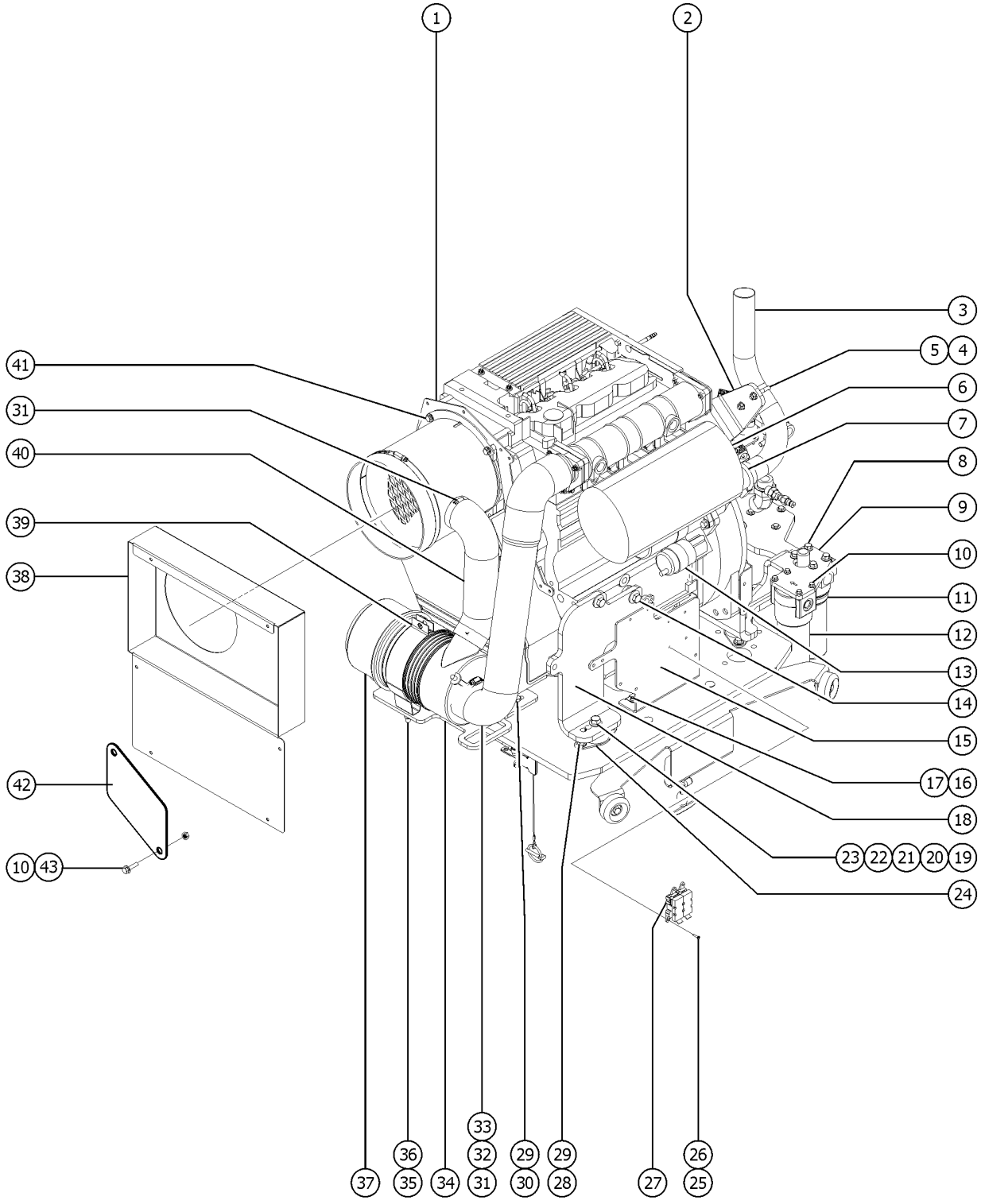
311.216 Harn, Cable, Power To Plat, Z45J



311.216 Harn, Cable, Power To Plat, Z45J

Item	*Part No.*	*Description*	*Qty.*
-	217898GT	HARN,CABLE,POWER TO PLAT,Z45J Z-45/25J	1
1	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	1
1-	60528GT	LOCK,PLUG 4 WAY,12-14GA***	1
2	1253701GT	CONN,PLUG 4 WAY,12-14GA EXT	1
2-	60528GT	LOCK,PLUG 4 WAY,12-14GA***	1

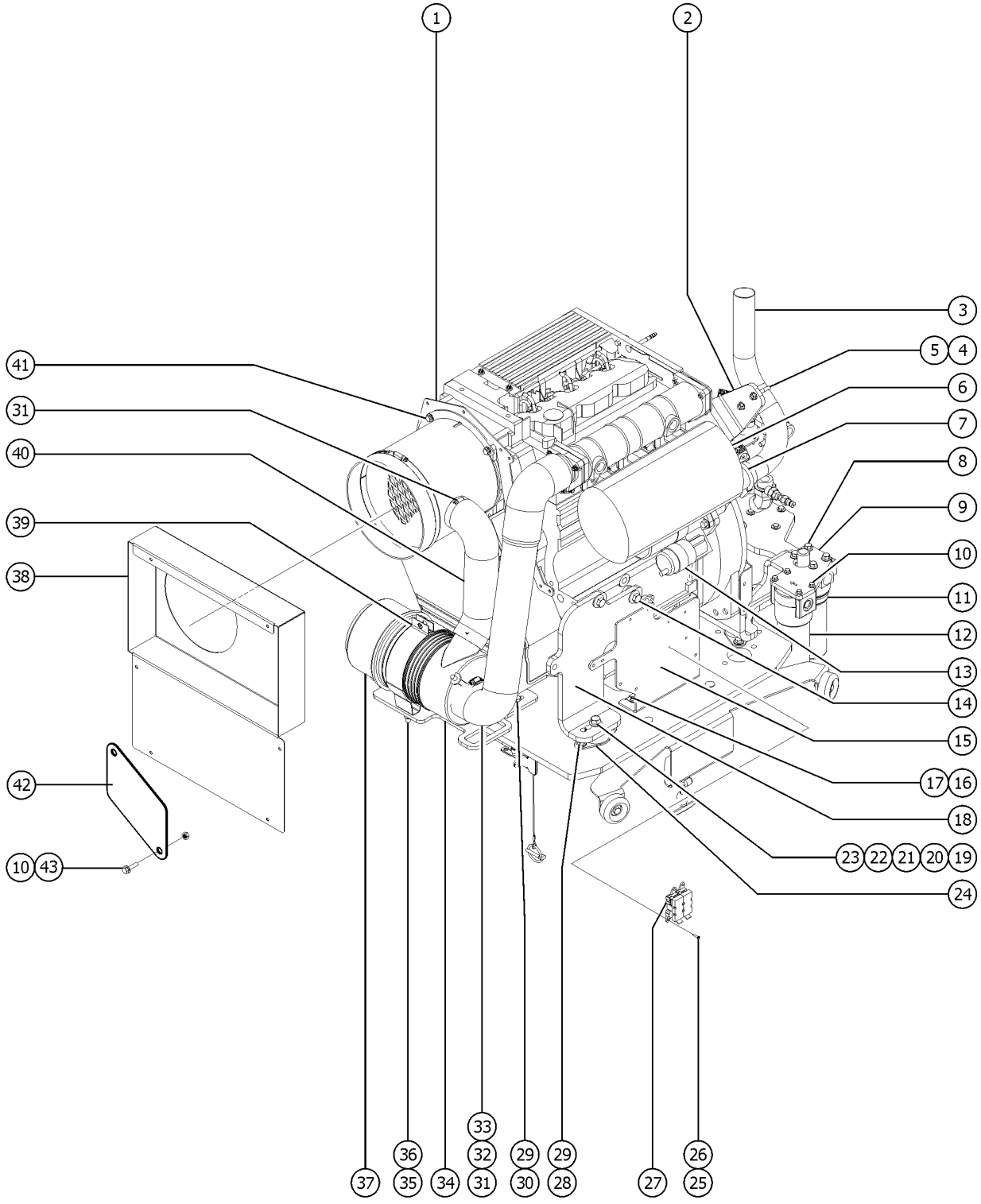
401.1 Deutz D2011L03i Engine, View 1



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, 3/8-16 X .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, SAE8	1
12-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
13	139709GT	STARTER, 12V	1
13-	139622GT	HEAT SHIELD,DEUTZ STARTER	

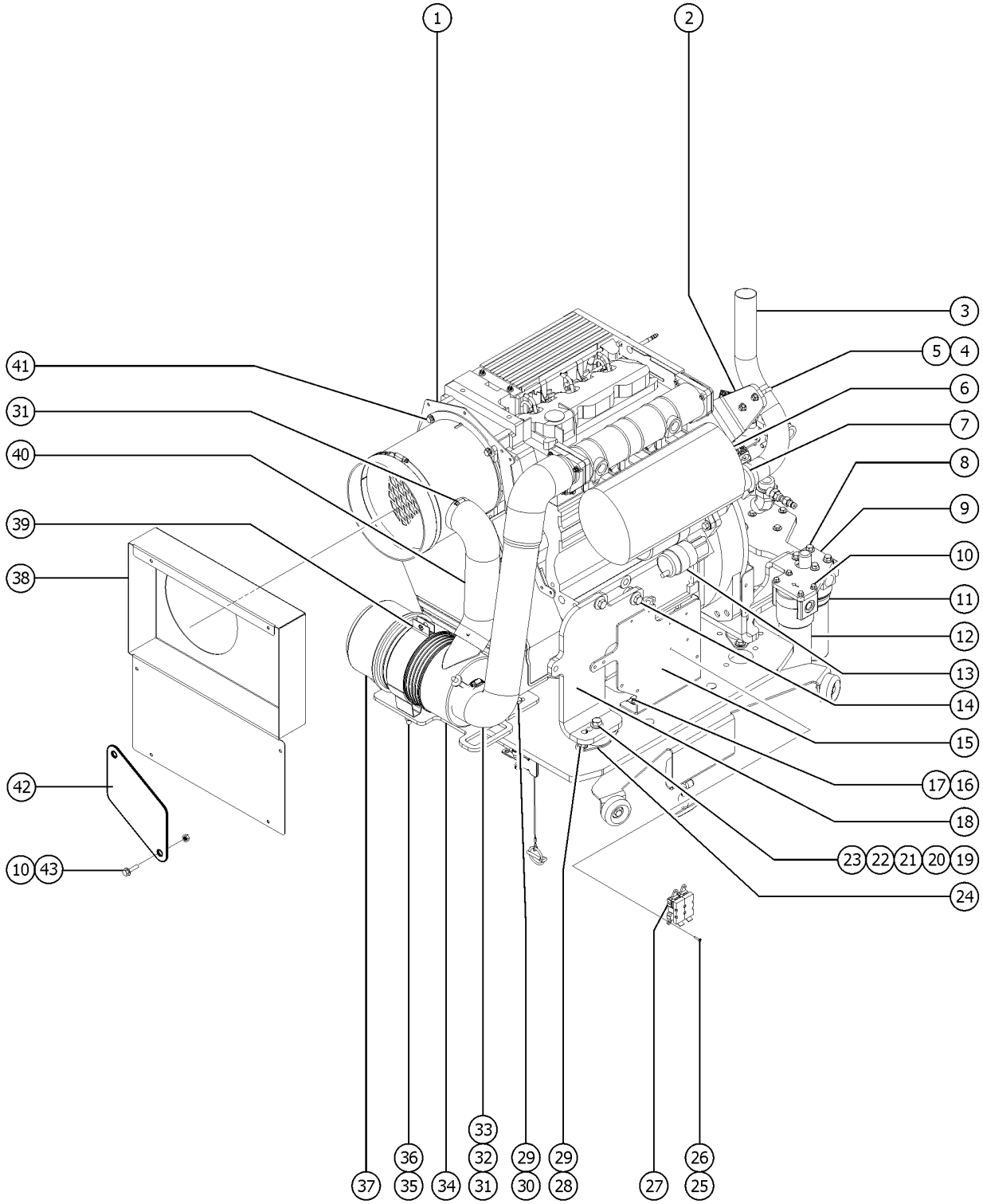
401.1 Deutz D2011L03i Engine, View 1



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.54,ZAG	2
17	824080GT	SCREW, HHF, 1/4-20 X 1.25, 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 OD X 13.5 ID X 15.9	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, 3/8-16 X 1.25, 8, ZAG	8
29	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	11
30	824092GT	SCREW, HHF, 3/8-16 X 1.5, 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 D2.9L4	
37-	65810GT	BAFFLE, AIR CLEANER (27915)**	
37-	52866GT	EVACUATOR VALVE-AIR CLEANER	

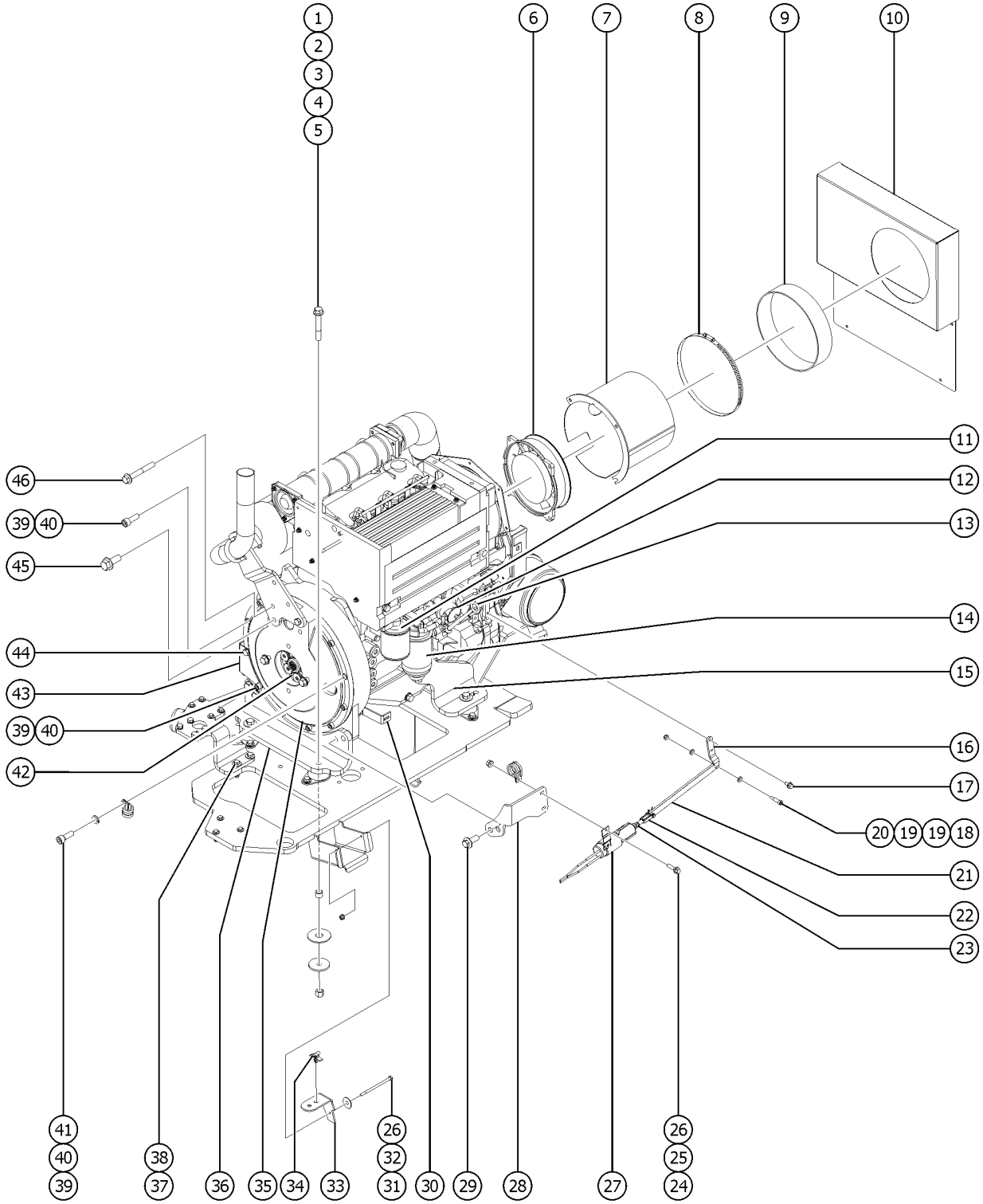
401.1 Deutz D2011L03i Engine, View 1



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

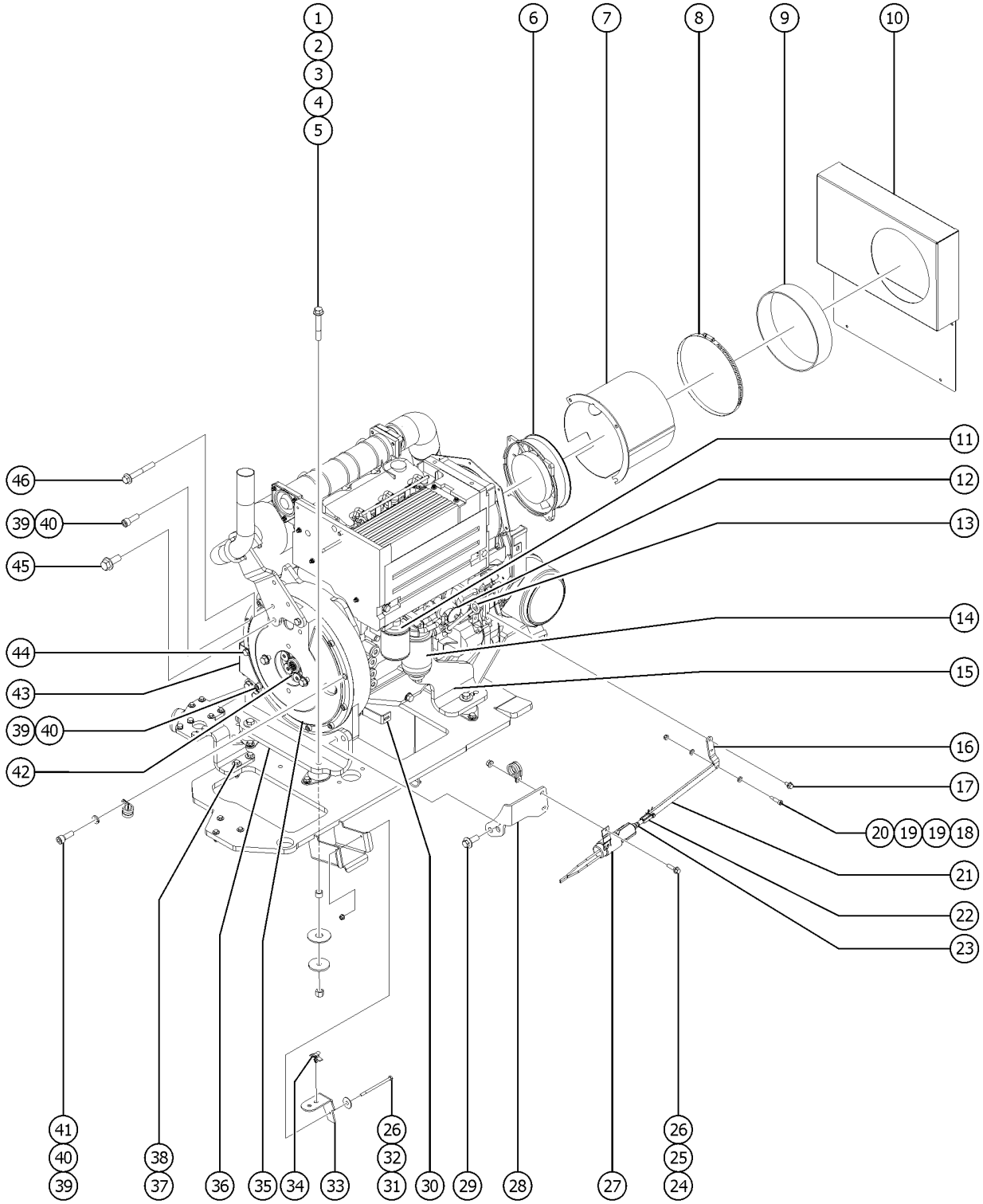
402.1 Deutz D2011L03i Engine, View 2



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 OD X 13.5 ID X 15.9	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	WELDMENT, AIR INTAKE TUBE	1
10		REF. FORM,DEUTZ AIR INTAKE BAFFLE refer to 401.1	1
11	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
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 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
14-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
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 includes clevis pin and cotter pin	1
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

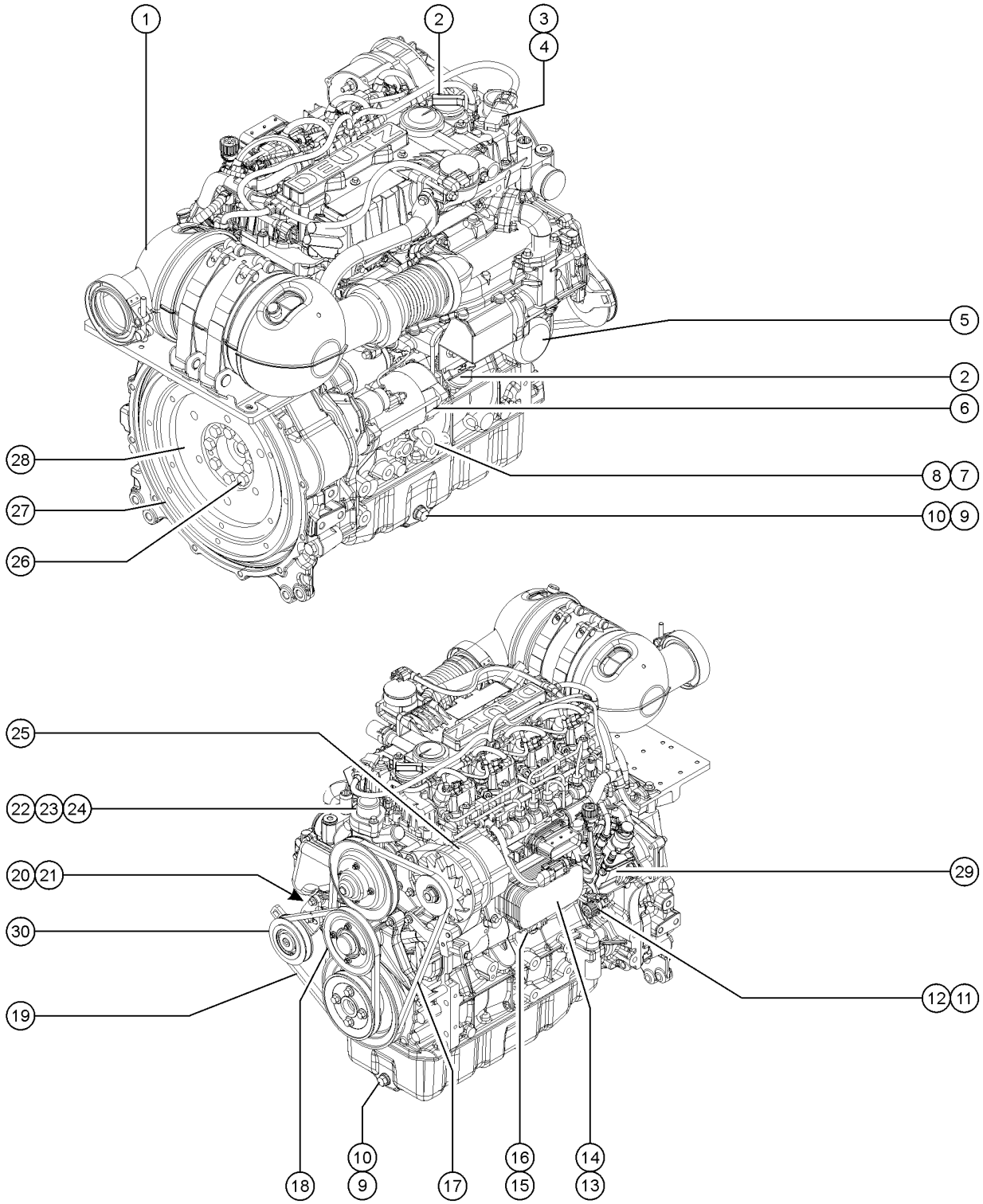
402.1 Deutz D2011L03i Engine, View 2



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 6921,10.9, ZAB	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,USS,1/4,ZAG	1
33	219353GT	FORMING, FUEL LINE BRACKET	1
34	105214GT	CABLE TIE MOUNT, WINGED	2
35	70381GT	COVER,FLYWHEEL CASTING	1
36	214846GT	FORMING,REAR ENGINE MOUNT	1
37	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG	2
38	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
39	1255666GT	SCREW,SHC,M10-1.5X30,DIN912,12.9,ZAB	8
40	824142GT	WASHER,LOCK,M10,ZAB	1
41	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	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

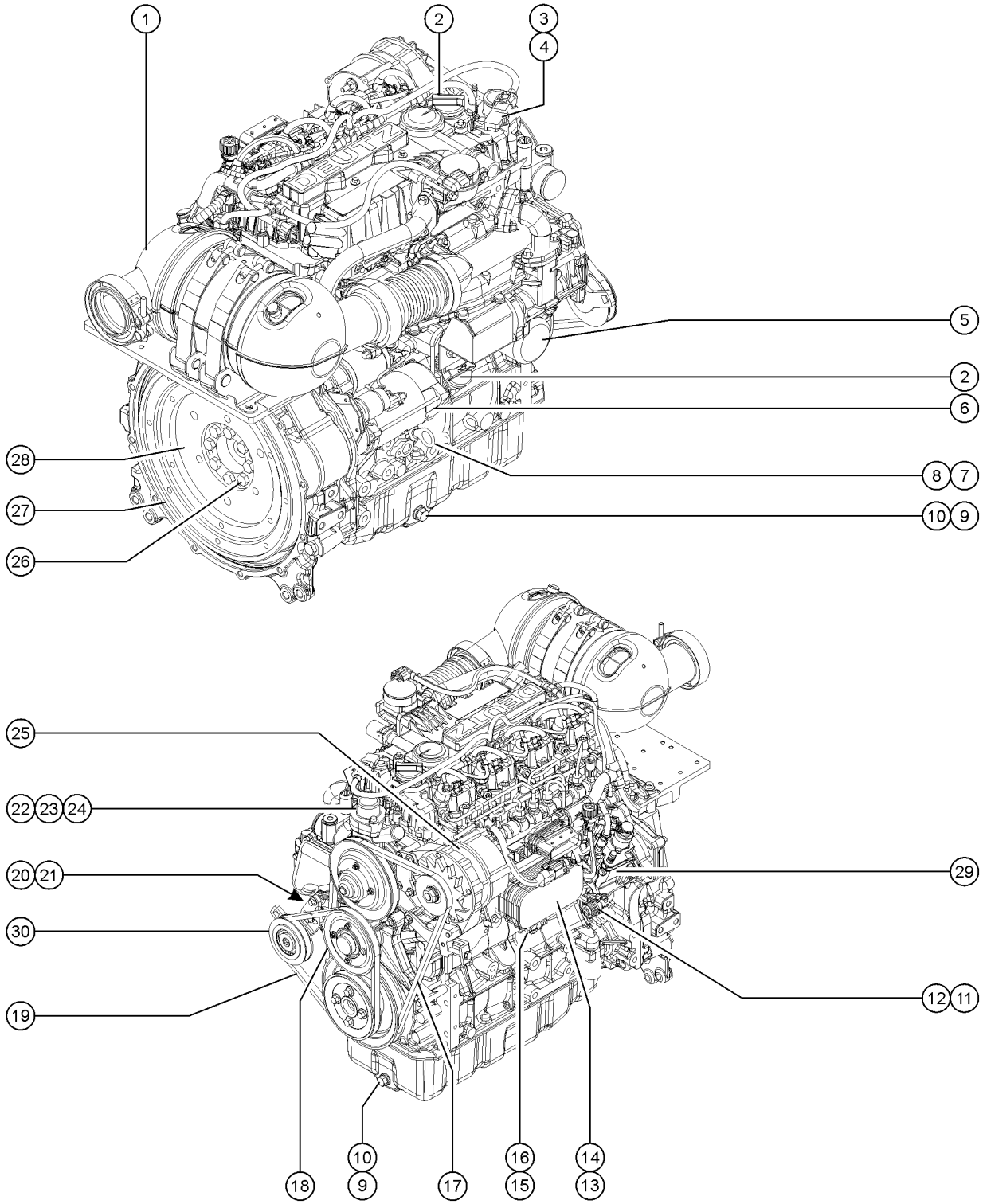
403.1 Deutz D2.9L4 Engine, View 1



403.1 Deutz D2.9L4 Engine, View 1

Item	Part No.	Description	Qty.
A-	237188GT	ENGINE KIT, DEUTZ D2.9L4 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-	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 includes fasteners and 1262874 pump	1
G-	1289895GT	WASHER,WATER PUMP (1272624) for 1272624	
H-	1262875GT	O-RING, WATER PUMP	1
K-	1259654GT	INTAKE BREATHER	1
L-	1277974GT	PINS,CONNECTOR,INJ HARNESS,D2.9	
1	1262890GT	OXIDATION CATALYST,DEUTZ (diesel oxygen catalyst/muffler)(contact Genie Parts; engine serial number required)	
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	1
6	1254594GT	STARTER,3.2KW,DEUTZ D2.9	1
6-	1262868GT	BOLT, DEUTZ STARTER not included sold seperately	
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 (crankshaft)	1
11B	1262894GT	SENSOR,CAM/CRANKSHAFT POSITION hidden from view (camshaft)	1
12	1262895GT	O-RING, CRANKSHAFT POSITION SENSOR	1
13	1262882GT	OIL COOLER, DEUTZ	1
14	1262883GT	GASKET, OIL COOLER, DEUTZ	1

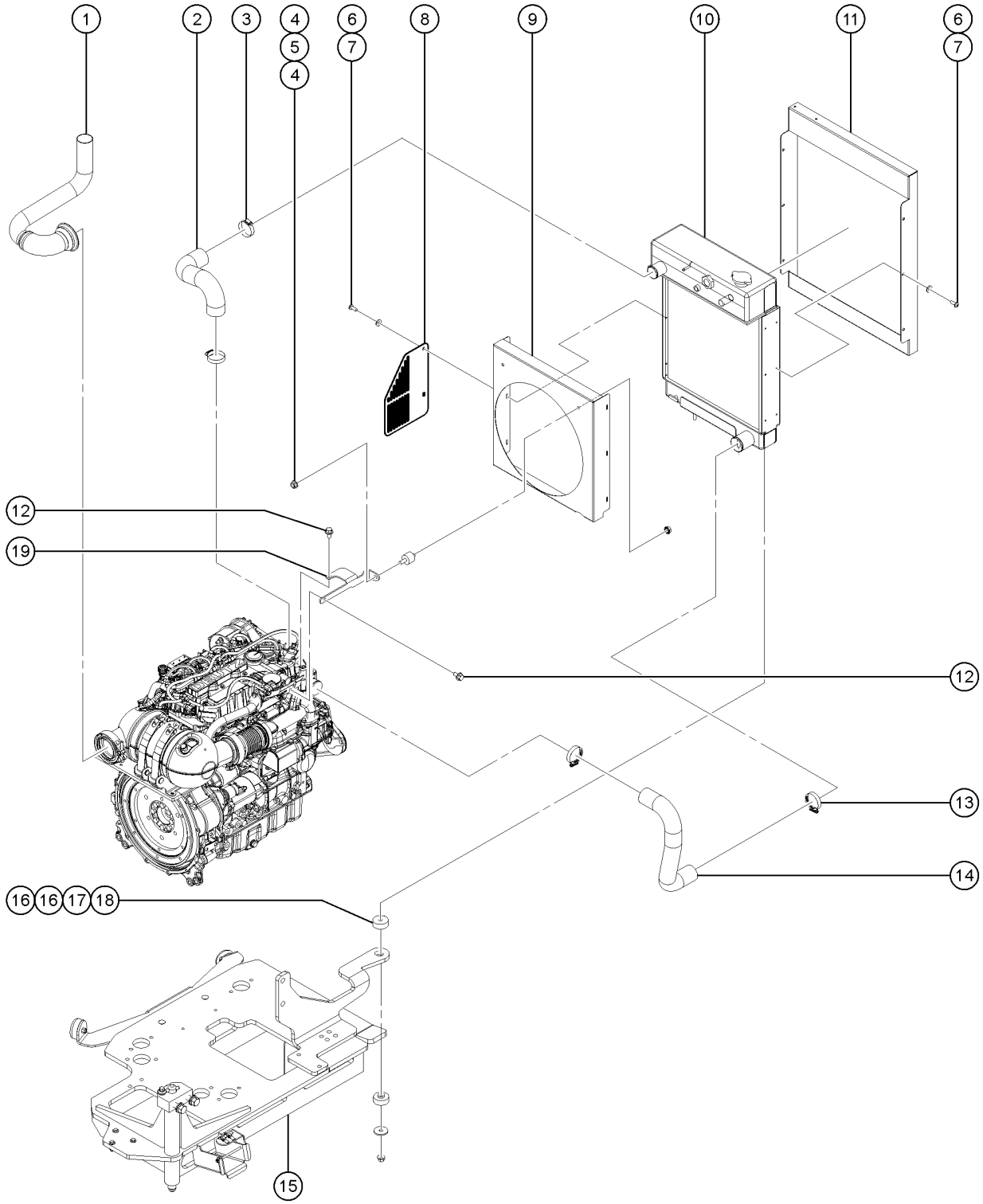
403.1 Deutz D2.9L4 Engine, View 1



403.1 Deutz D2.9L4 Engine, View 1

Item	Part No.	Description	Qty.
15	1262892GT	SENSOR,OIL PRESSURE,DEUTZ	1
16	1262893GT	O-RING, OIL PRESSURE SENSOR	1
17	1262866GT	FAN BELT, ALTERANTOR	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 hidden from view	1
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 order with item 25	1
29	1279653GT	PUMP,FUEL,HI PRESS,DEUTZ TD2.9	1
30	1279631GT	PULLEY,BELT TENSIONER,D2.9L4	1

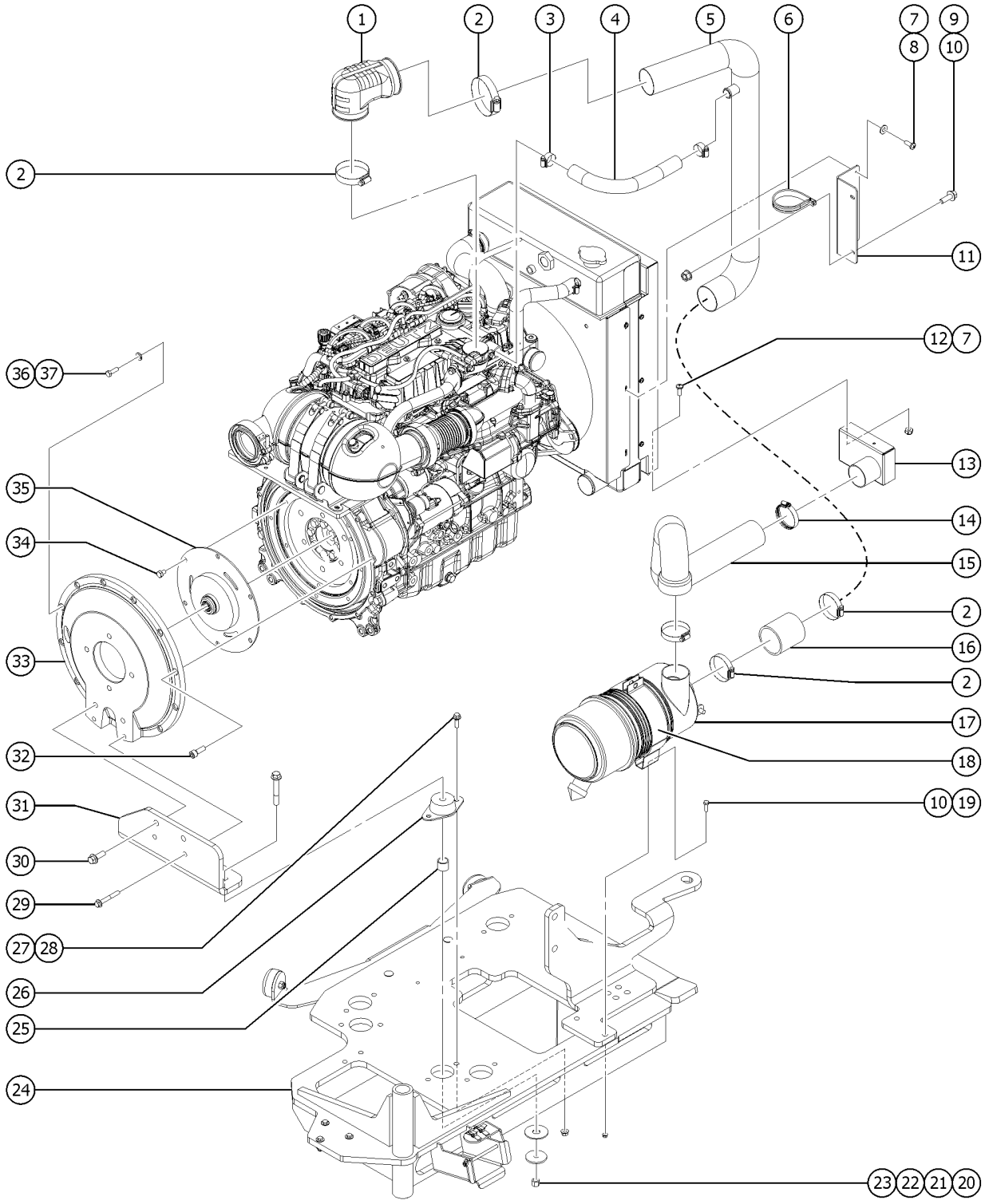
404.1 Deutz D2.9L4 Engine, View 2



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 no sub-components available	1
D	1257838GT	HARNESS,INJECTOR,DEUTZ D2.9	1
E	49924GT	FILTER,OIL,DEUTZ	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	48498GT	ISOLATOR, AIR FILTER MOUNT, 5/16-18UNC-2A	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 Use until sotck exhuast, replaced by 1305983	1
10A	822606GT	TUBING,VINYL,3/8" CLEAR	37 inches
10B	1305983GT	RADIATOR/EXPANSION TANK,DEUTZ	1
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, .375 X 1.50 X .125, ZAG	2
18	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
19	214237GT	FORMING,RAD BRACE,DEUTZ D2.9	1

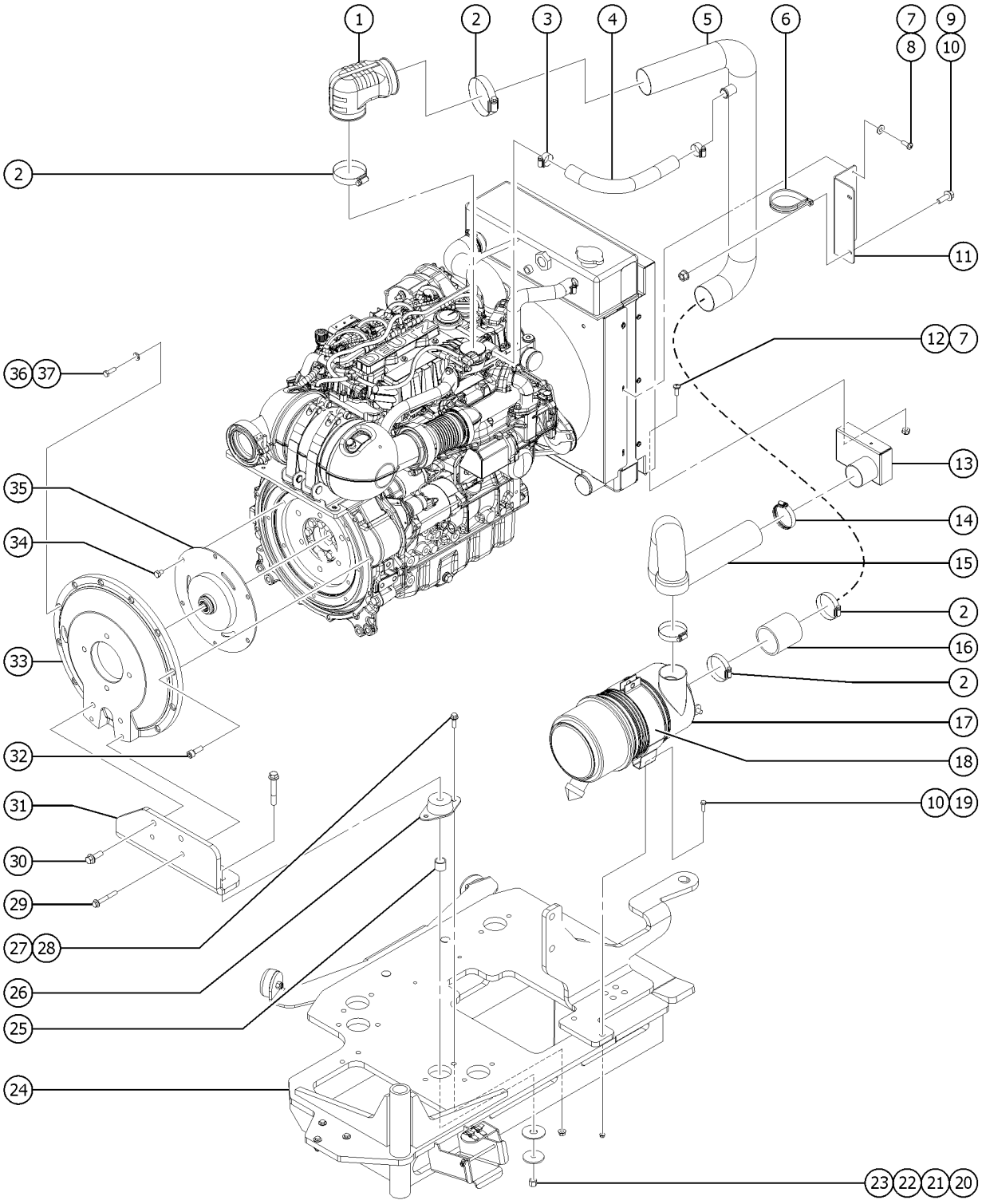
405.1 Deutz D2.9L4 Engine, View 3



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 D2.9L4	
17-	65810GT	BAFFLE, AIR CLEANER (27915)**	
17-	52866GT	EVACUATOR VALVE-AIR CLEANER	
18	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
19	1264101GT	SCREW,HHC,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

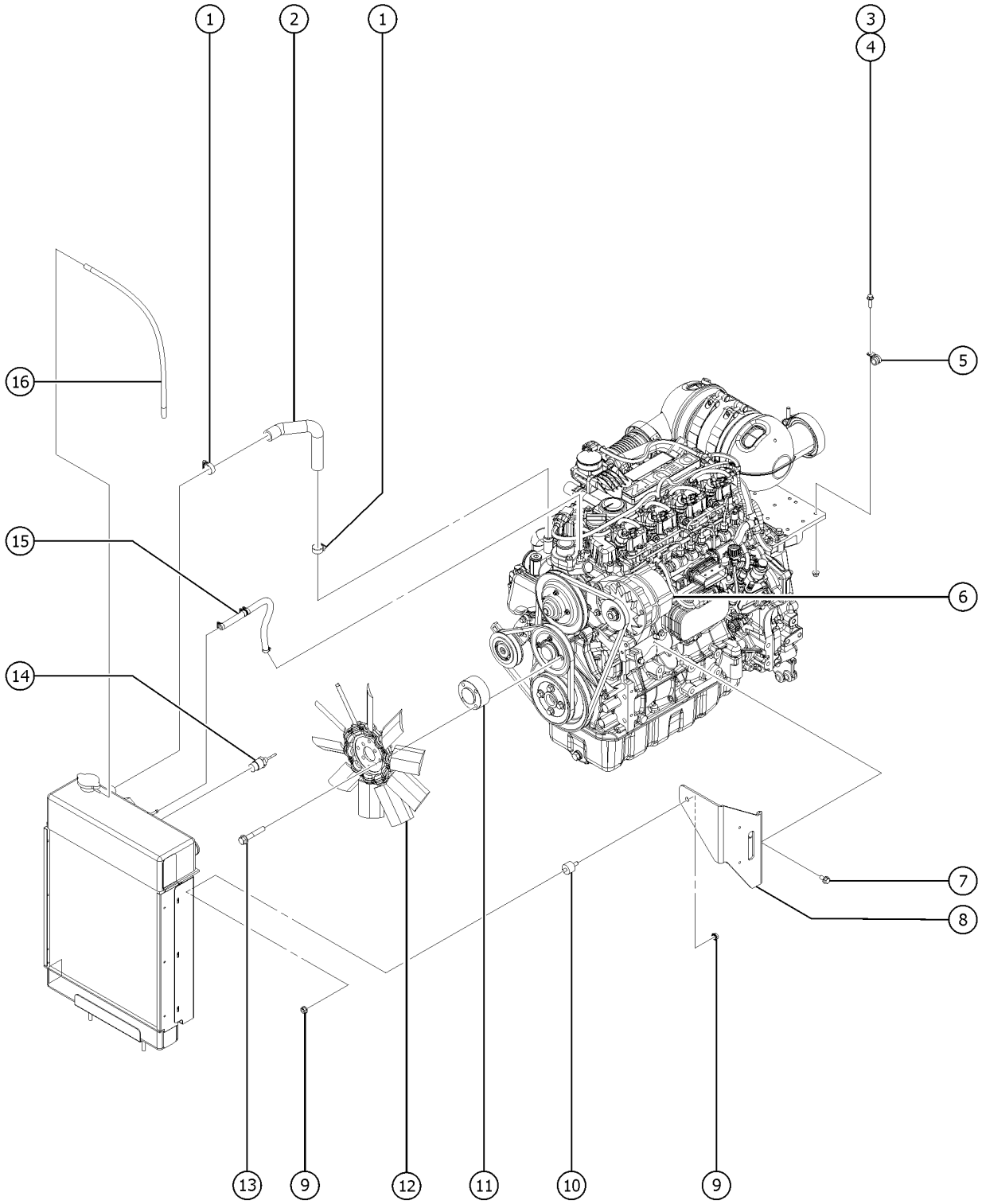
405.1 Deutz D2.9L4 Engine, View 3



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 OD X 13.5 ID X 15.9	2
26	70452GT	ISOLATOR,ENGINE VIBRATION	2
27	824091GT	SCREW, HHF, 3/8-16 X 1.25, 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,M10-1.5X30,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*** includes eight bolts	1
36	1288291GT	SCREW,SHC,M10-1.5X30,ISO4762,12.9,ZINC	1
37	22700GT	WASHER,LOCK,M10	1

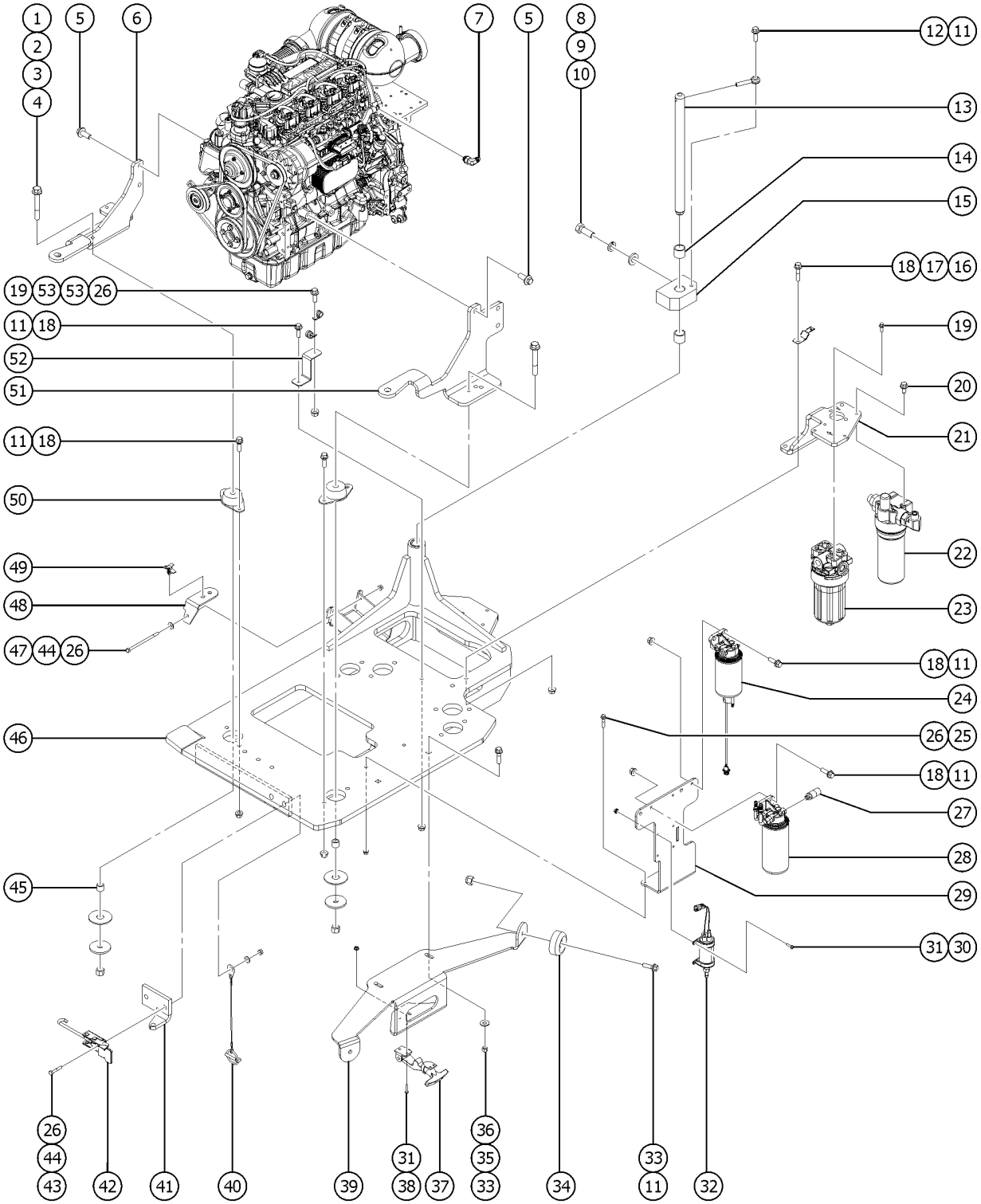
406.1 Deutz D2.9L4 Engine, View 4



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,ZAB	1
5	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	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	48498GT	ISOLATOR, AIR FILTER MOUNT, 5/16-18UNC-2A	1
11	1256599GT	SPACER, FAN, DEUTZ, 29.5MM LNG	1
12	214682GT	FAN, 10 BLADE, 15"	1
13	1257231GT	SCREW,HHF,M8-1.25X50,DIN6921,1	4
14	218715GT	COOLNT LEVL SENSR, DEUTZTCD3.6	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, .25" TO .63" X .3125"	1
16	1259441GT	HOSE,OVERFLOW,DEUTZ D2.9 replaced by 822606GT	1
16B	822606GT	TUBING,VINYL,3/8" CLEAR cut at 46.00" long	1

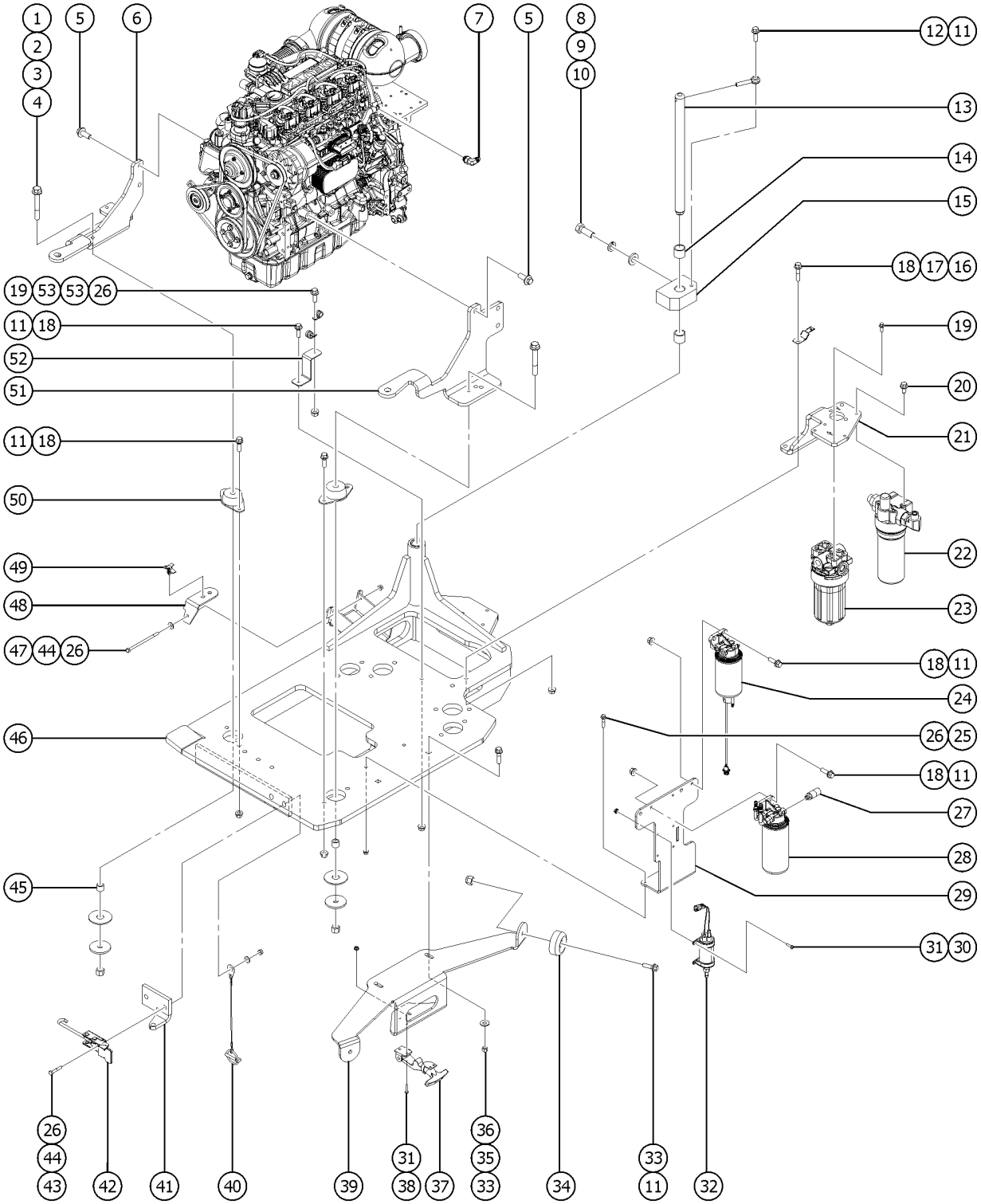
407.1 Deutz D2.9L4 Engine, View 5



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 CONNECT 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, 3/8-16 X 1.25, 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, 3/8-16 X 1.75, 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, 3/8-16 X .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)	

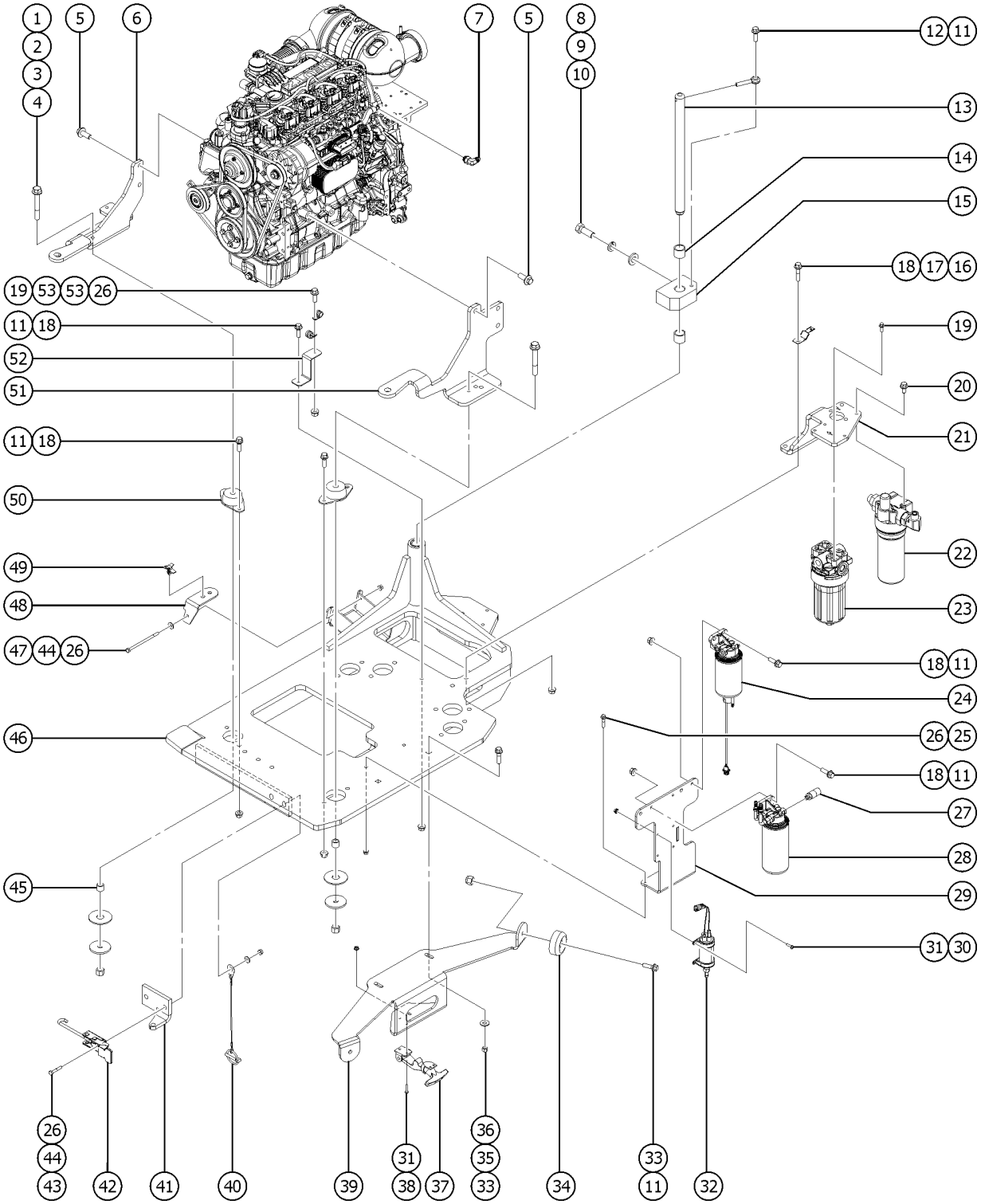
407.1 Deutz D2.9L4 Engine, View 5



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, SAE8	1
23-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
24	236260GT	FILTER, FUEL PRE-FILTER, SPIN-ON, DEUTZ (replaced 214229 for service parts)	1
24-	162207GT	FITTING,ELBOW,8GS-8FJX90S	1
24-	162209GT	FITTING,CONN,16MM-8MJ	
25	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	5
26	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	9
27	824673GT	SENSOR,LOW PRESSURE,DEUTZ 2.9L	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, 10-32 X .75, ZAG	4
31	1264261GT	NUT,SERRATED,10-32,ZAG	6
32	236259GT	LIFT PUMP,FUEL,DEUTZ TCD3.6 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, 3/8-16 X 1.5, 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

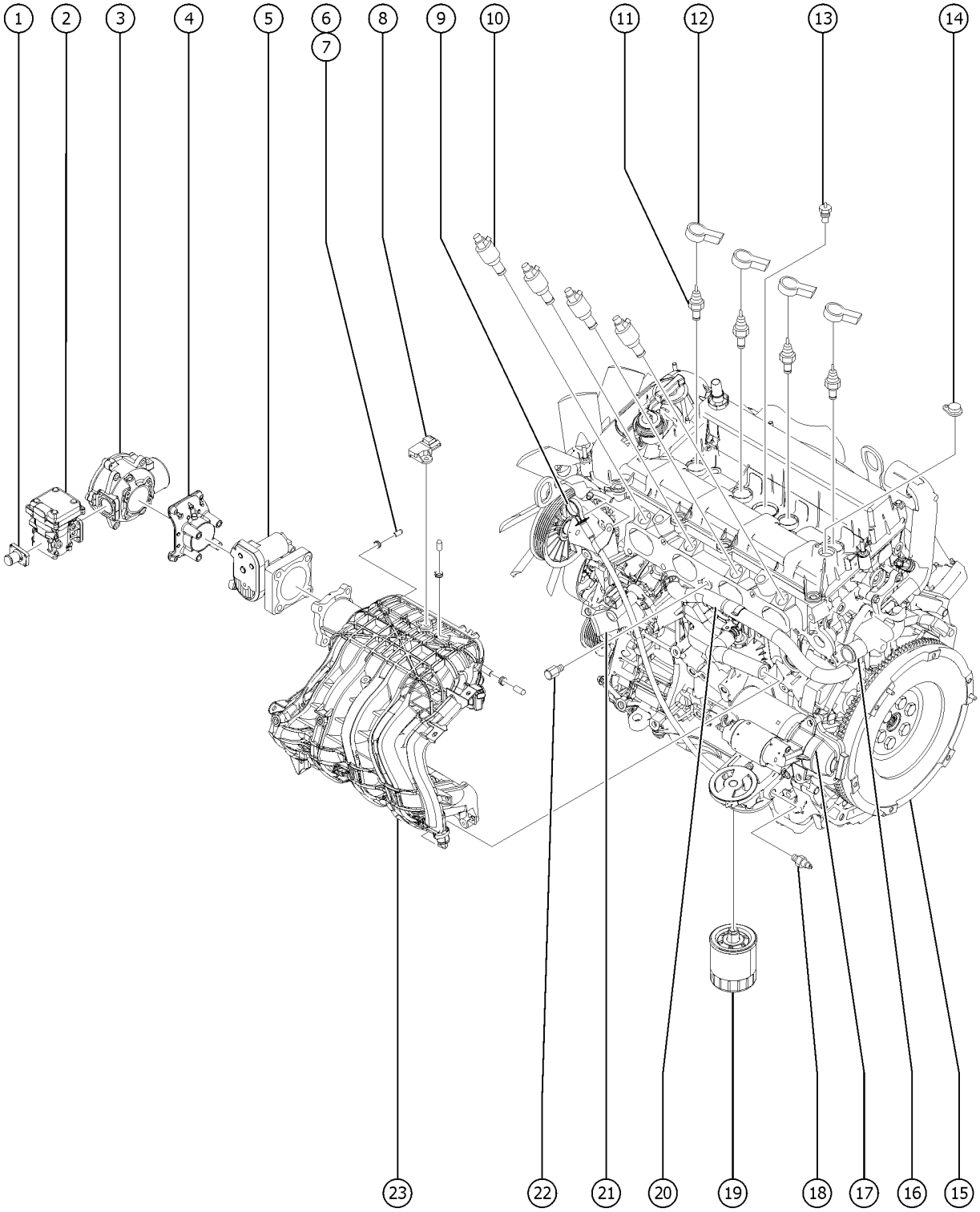
407.1 Deutz D2.9L4 Engine, View 5



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,USS,1/4,ZAG	2
45	219991GT	SPACER,19.1 OD X 13.5 ID X 15.9	2
46		Ref: 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	70452GT	ISOLATOR,ENGINE VIBRATION	2
51	237189GT	FORMING, LEFT ENGINE MOUNT	1
52	822111GT	FORMING,FUEL LINE BRACKET,D2.9	1
53	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	2

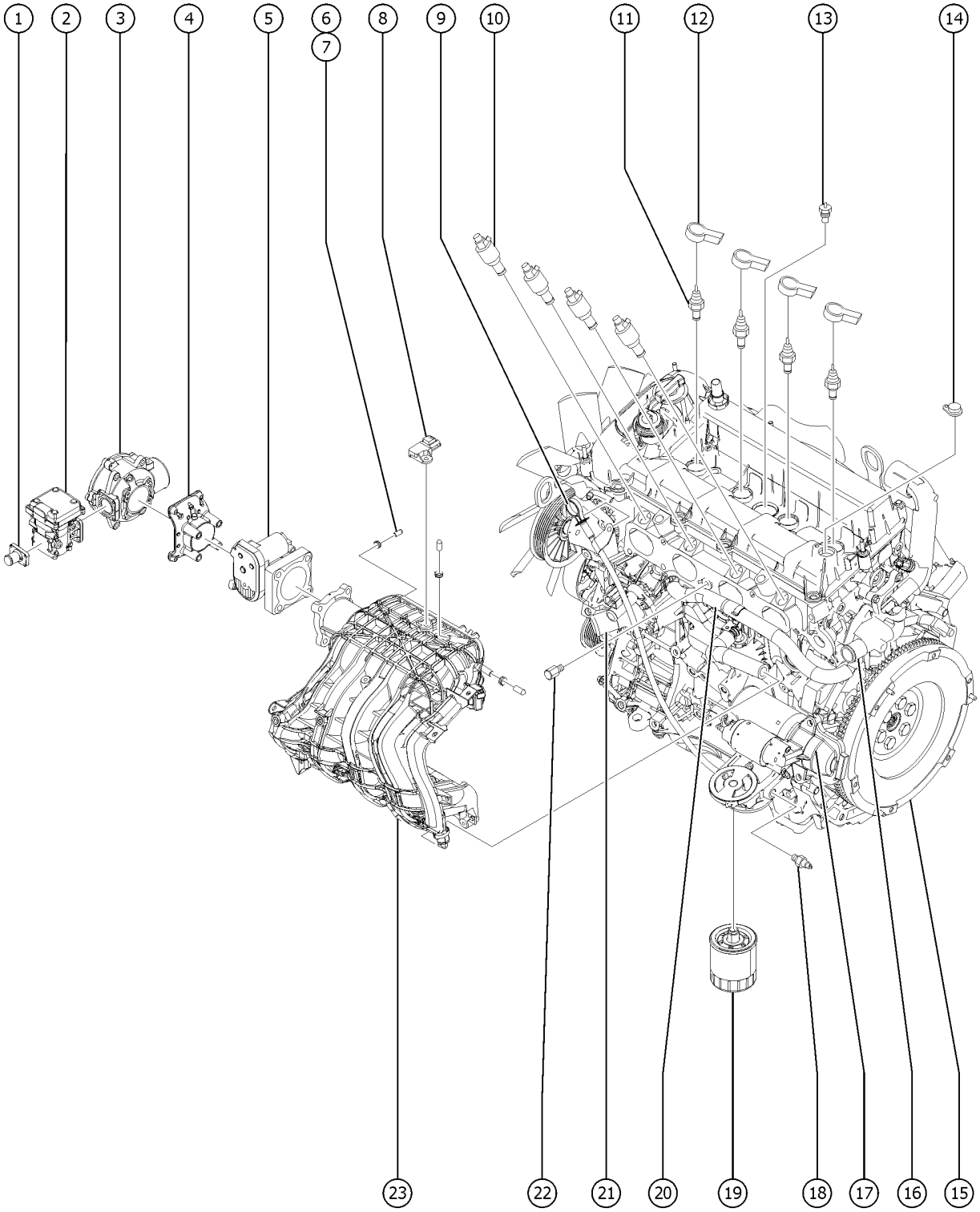
408.1 Ford MSG-425 EFI Engine, View 1



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 Seperately) (for 215284)	1
2	215284GT	REGULATOR,LP PRESSURE,MSG425	1
2-	215286GT	FITTING, DEPR COOLANT, MSG425 (Sold Seperately) (for 215284)	
3	215280GT	MIXER, MSG425	1
3-	1313038GT	INLET SEAL, MIXER, MSG425 (215280)	
3-	1313039GT	O-RING, MIXER, MSG425 (215280)	
3-	1313040GT	QUAD RING, MIXER, MSG425 (215280)	
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

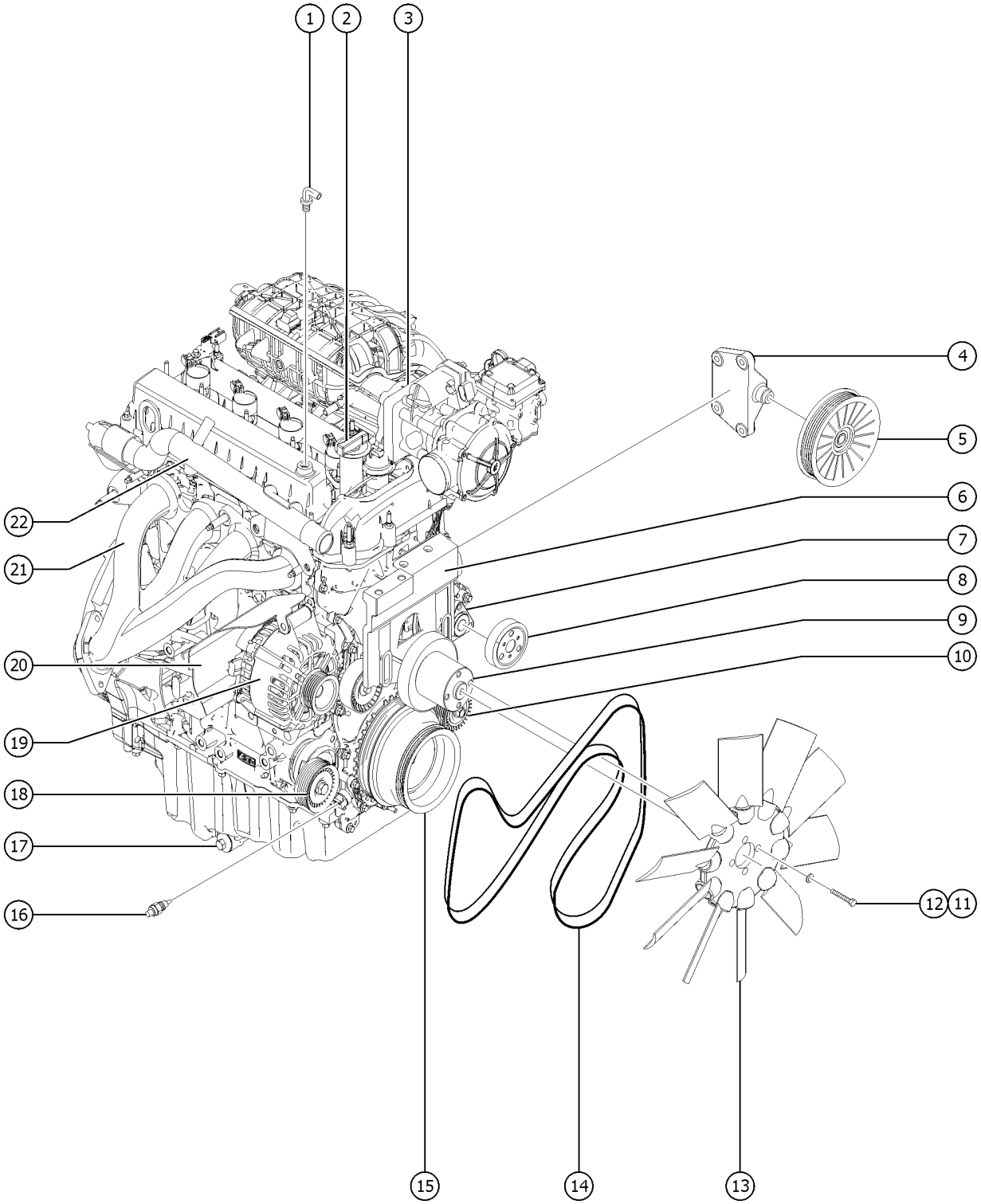
408.1 Ford MSG-425 EFI Engine, View 1



408.1 Ford MSG-425 EFI Engine, View 1

Item	Part No.	Description	Qty.
18	215301GT	SWITCH, OIL PRES, MSG425	1
19	119139GT	OIL FILTER,DSG-423	1
20	215302GT	HOSE, COOLANT BYPASS, MSG425	1
21	215310GT	THERMOSTAT W/HOUSING, MSG425	1
22	215309GT	SENSOR, KNOCK, MSG425	1
23	215305GT	INTAKE MANIFOLD, MSG425	1

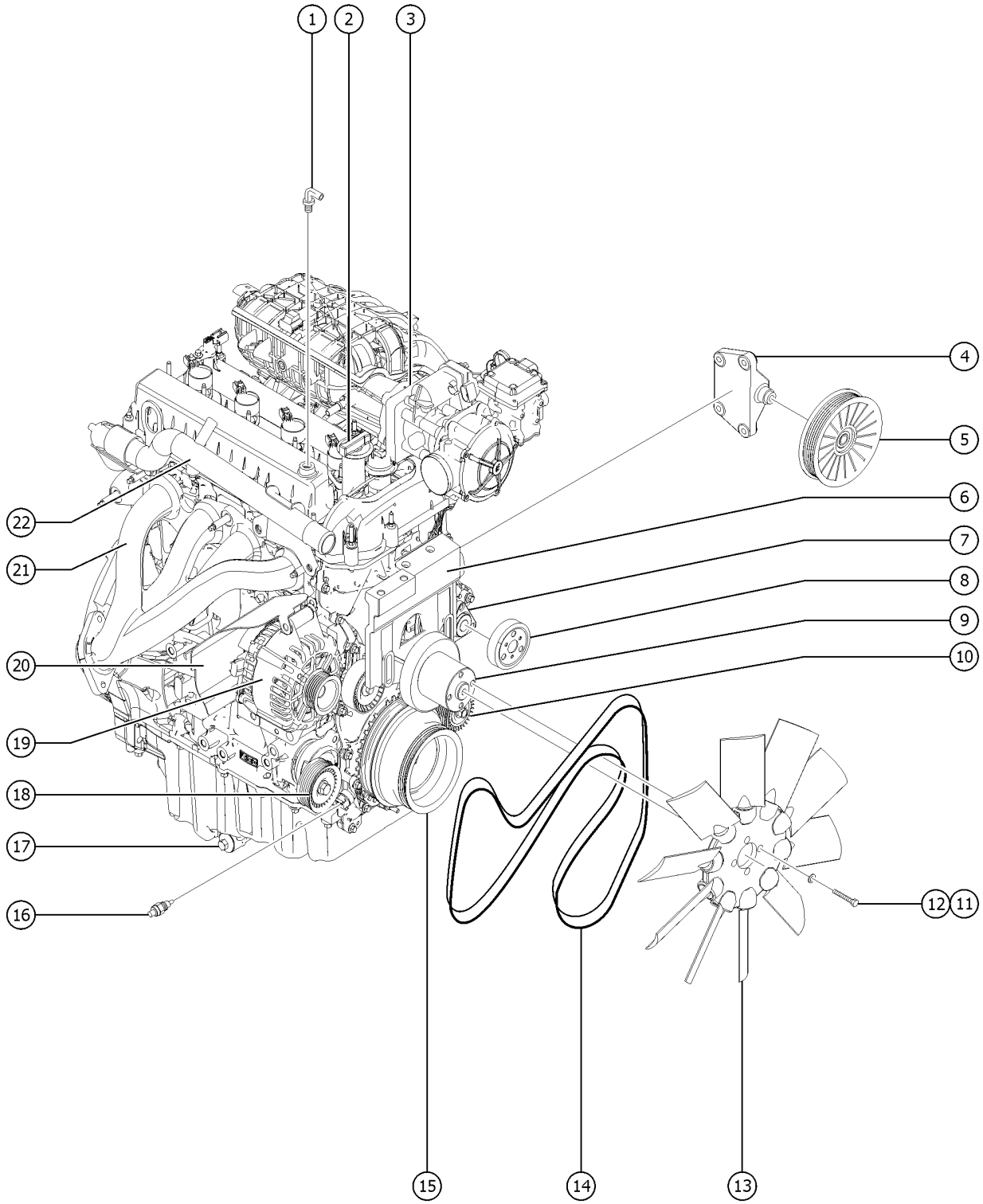
409.1 Ford MSG-425 EFI Engine, View 2



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	1300536GT	ALTERNATOR,DSG-423,BOSCH	1
20	227309GT	HEAT SHIELD,ALTERNATOR,FORD	1
21	215276GT	EXHAUST MANIFOLD, MSG425	1

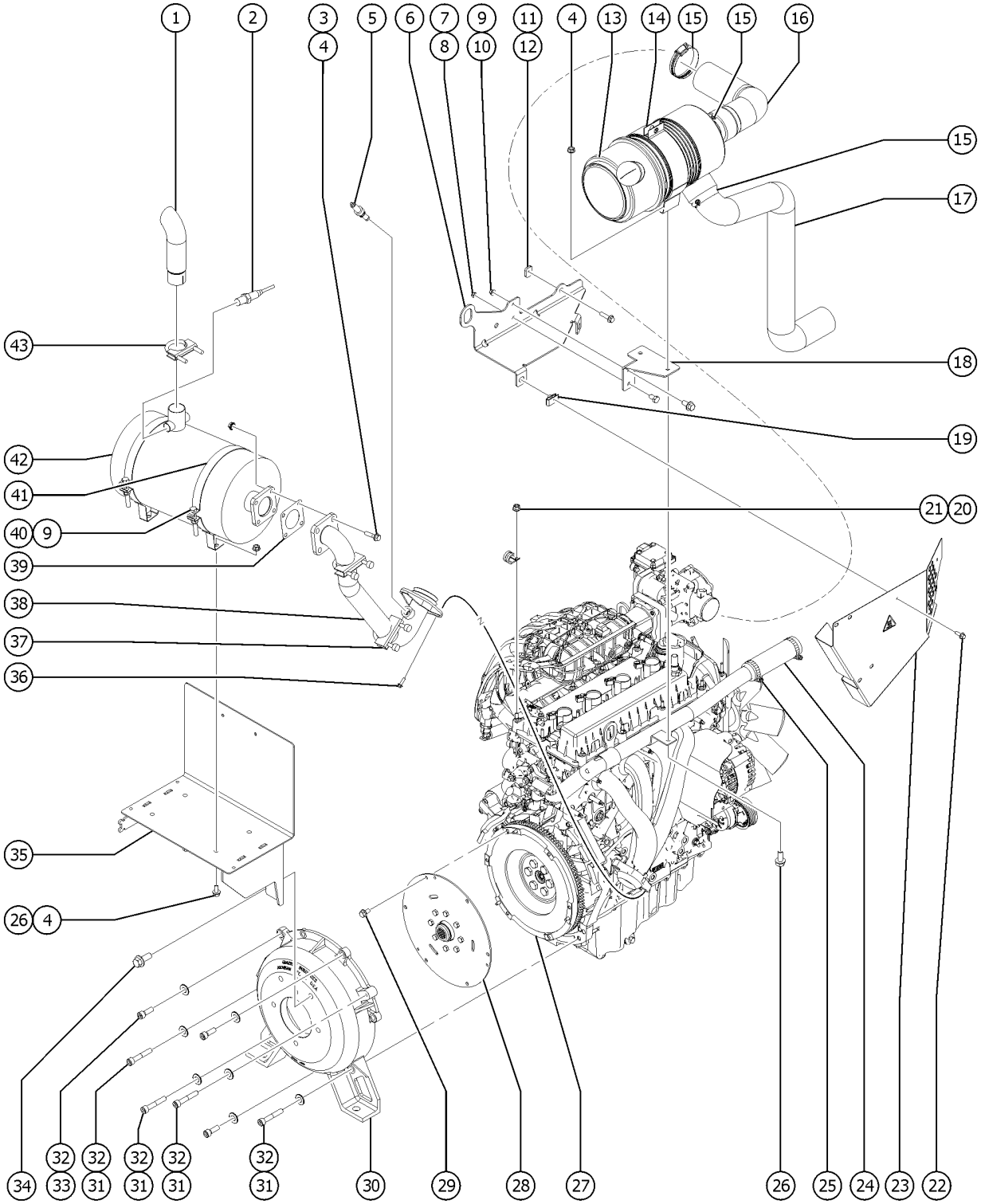
409.1 Ford MSG-425 EFI Engine, View 2



409.1 Ford MSG-425 EFI Engine, View 2

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

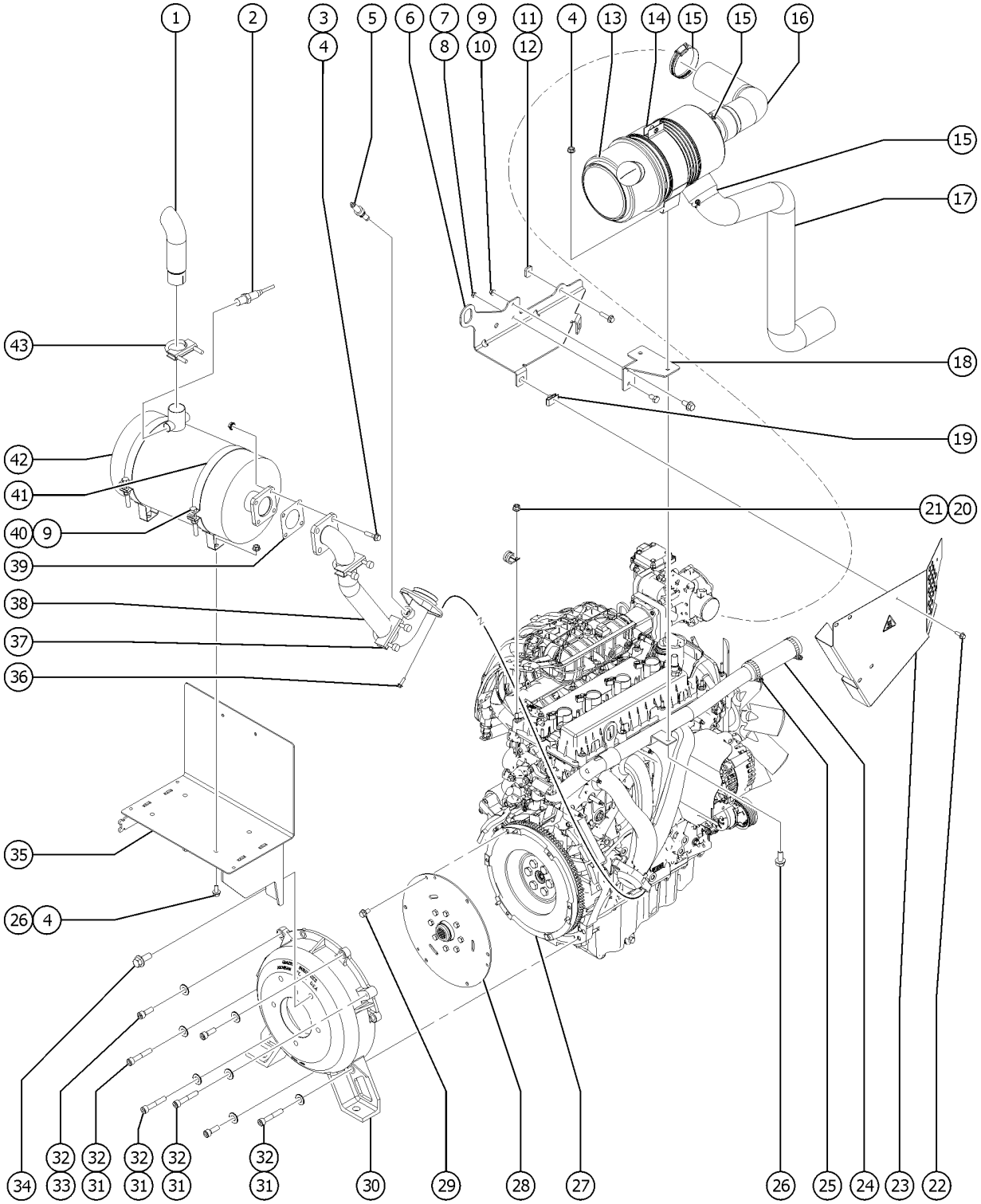
410.1 Ford MSG-425 EFI Engine, View 3



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, 5/16-18 X 1.25, 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, 3/8-16 X .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.54,ZAG	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

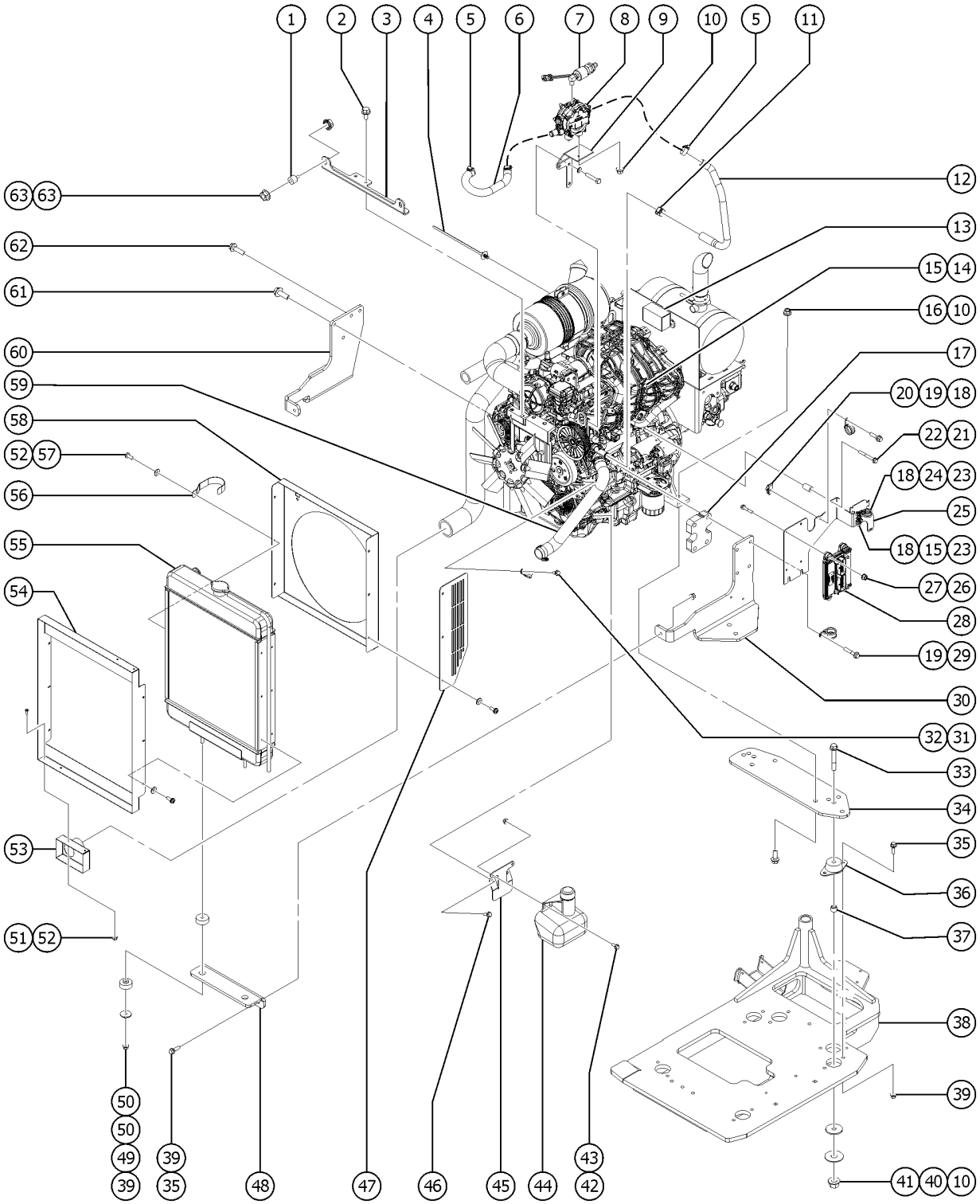
410.1 Ford MSG-425 EFI Engine, View 3



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, 5/16-18 X .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,M10-1.5X30,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

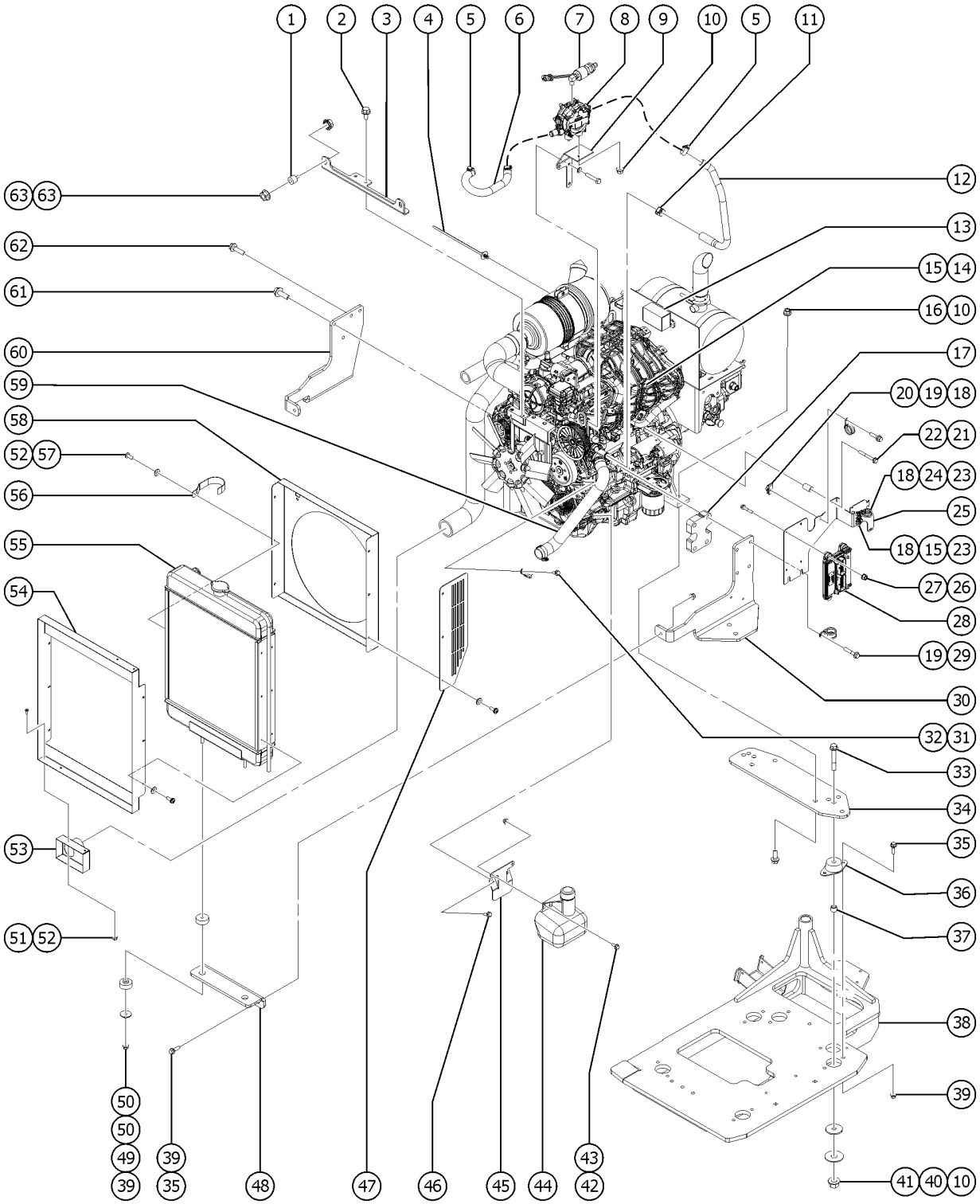
411.1 Ford MSG-425 EFI Engine, View 4



411.1 Ford MSG-425 EFI Engine, View 4

Item	Part No.	Description	Qty.
1	48498GT	ISOLATOR, AIR FILTER MOUNT, 5/16-18UNC-2A	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" - 1.0" X .5"	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.54,ZAG	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

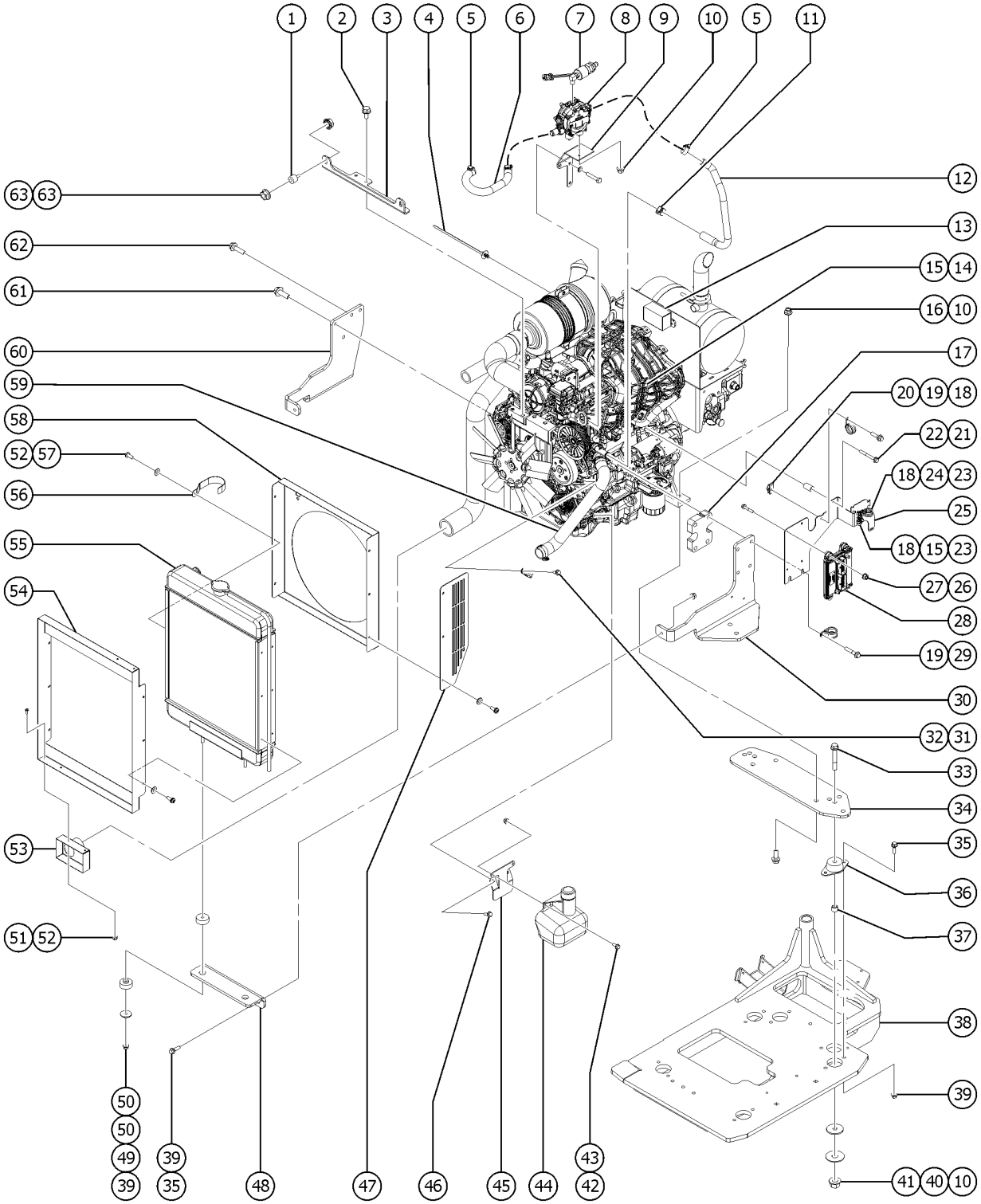
411.1 Ford MSG-425 EFI Engine, View 4



411.1 Ford MSG-425 EFI Engine, View 4

Item	Part No.	Description	Qty.
27	824081GT	SCREW, HHF, 1/4-20 X 1.5, 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,DIN6921,10.9,ZAB	4
30	236420GT	ENGINE MOUNT, LEFT, MSG425	1
31	824132GT	SCREW,HHF,M8-1.25X20,DIN6921,10.9,ZAB	2
32	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	1
33	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	4
34	236422GT	ENGINE MOUNT, REAR, MSG425	1
35	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	10
36	70452GT	ISOLATOR,ENGINE VIBRATION	4
37	219991GT	SPACER,19.1 OD X 13.5 ID X 15.9	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, 5/16-18 X .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, .375 X 1.50 X .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

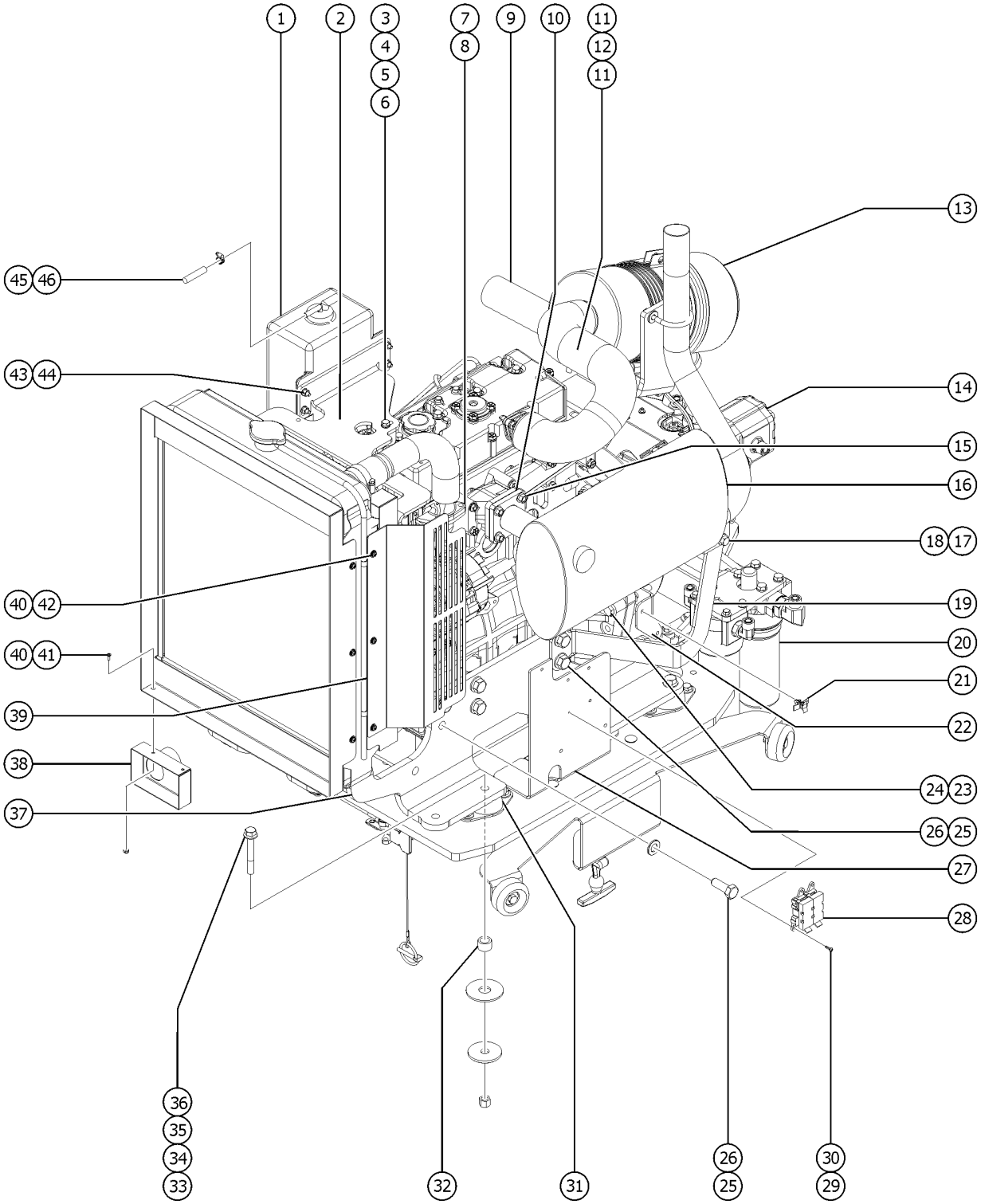
411.1 Ford MSG-425 EFI Engine, View 4



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,DIN6921,10.9,ZAB	3
62	232871GT	SCREW,HHF,M10-1.5X40,DIN6921,1	1
63	1255805GT	NUT,SERRATED,5/16-18,8,ZAG	4

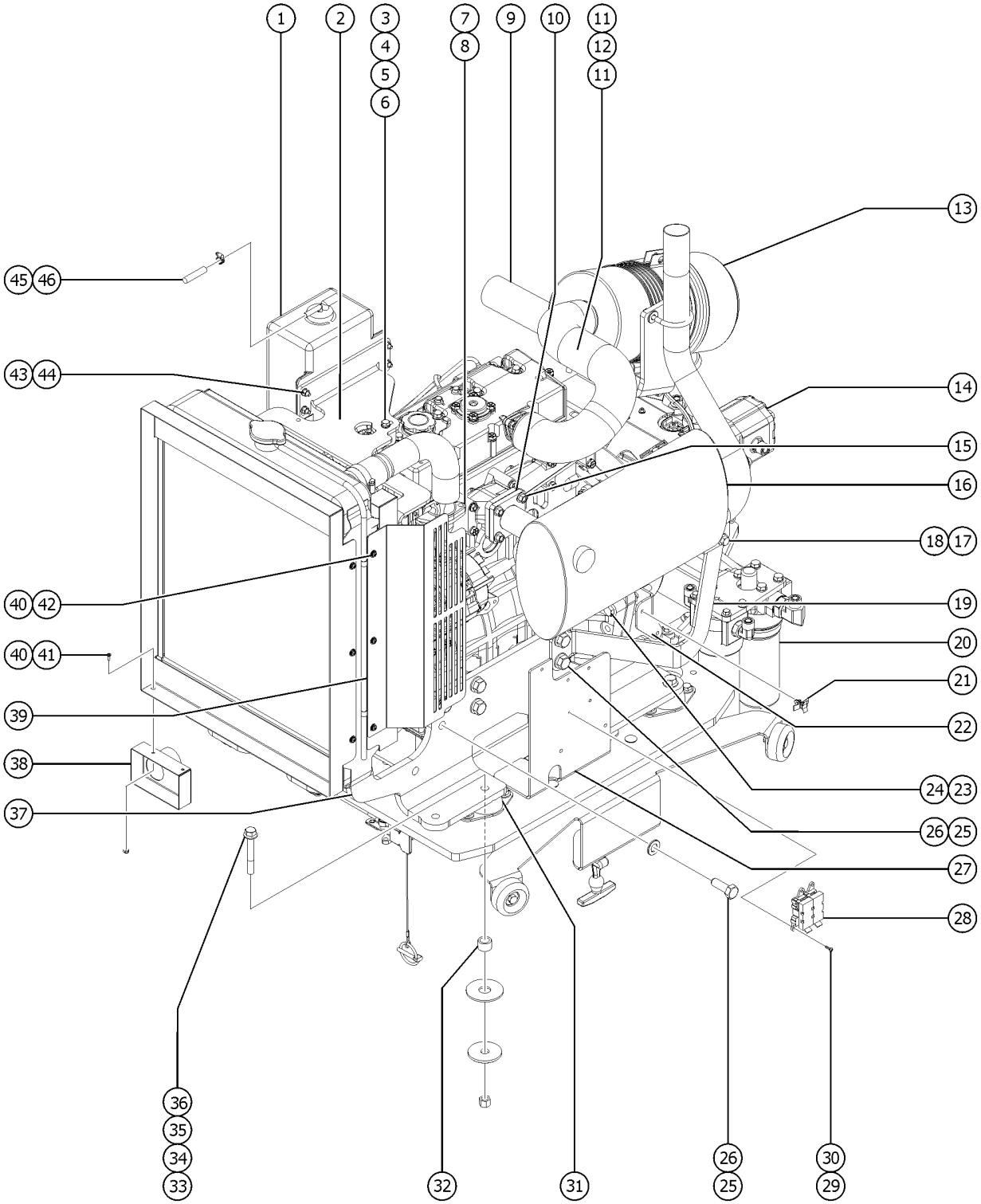
412.1 Perkins 404D-22 Engine, View 1



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,DIN933,10.9,ZAB	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 for 128991, Engine block Thermostat	1
8-	77477GT	GASKET,THERMOSTAT HSG Vertical Thermostat	
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,ZAB	4
16	218752GT	MUFFLER,PERKINS 404-22DSL (standard)	1
16-	218753GT	MUFFLER,CAT/SPARK,PERKINS (option) (muffler with spark arrest)	
17	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	3

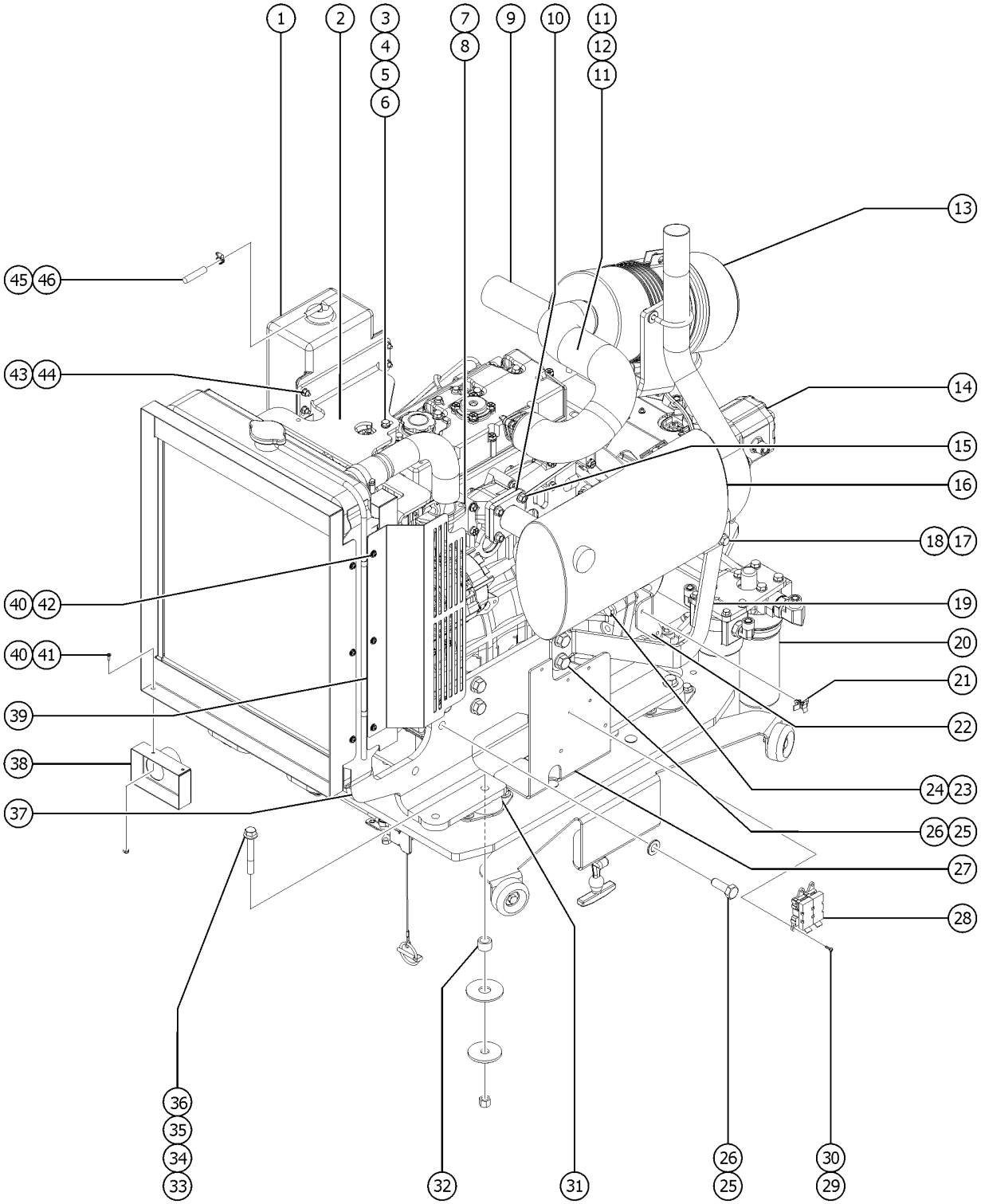
412.1 Perkins 404D-22 Engine, View 1



412.1 Perkins 404D-22 Engine, View 1

Item	Part No.	Description	Qty.
18	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	1
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,ZAB	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 OD X 13.5 ID X 15.9	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

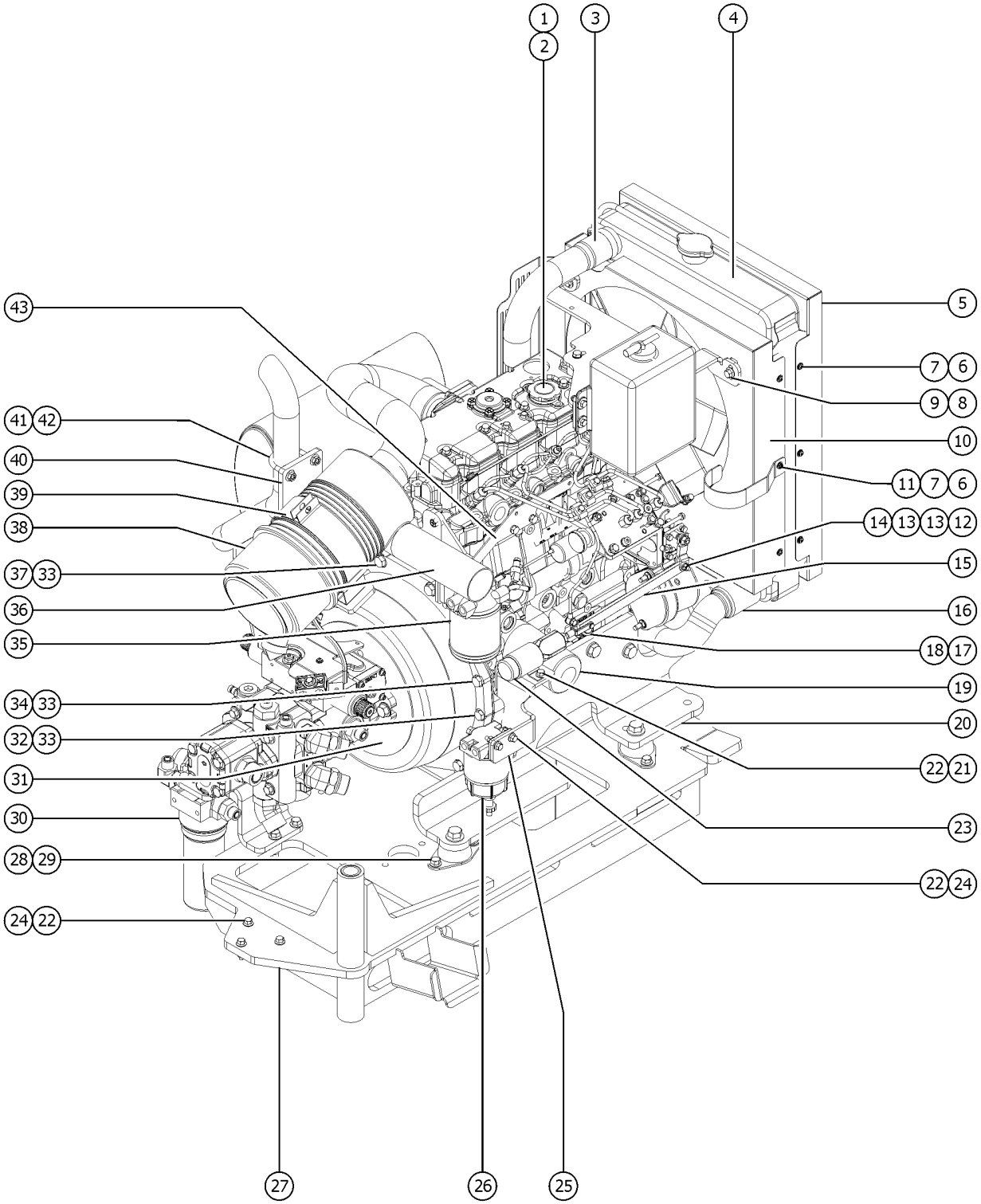
412.1 Perkins 404D-22 Engine, View 1



412.1 Perkins 404D-22 Engine, View 1

Item	*Part No.*	*Description*	*Qty.*
45	106226GT	TUBING,VINYL,1/2" CLEAR	1
46	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	1

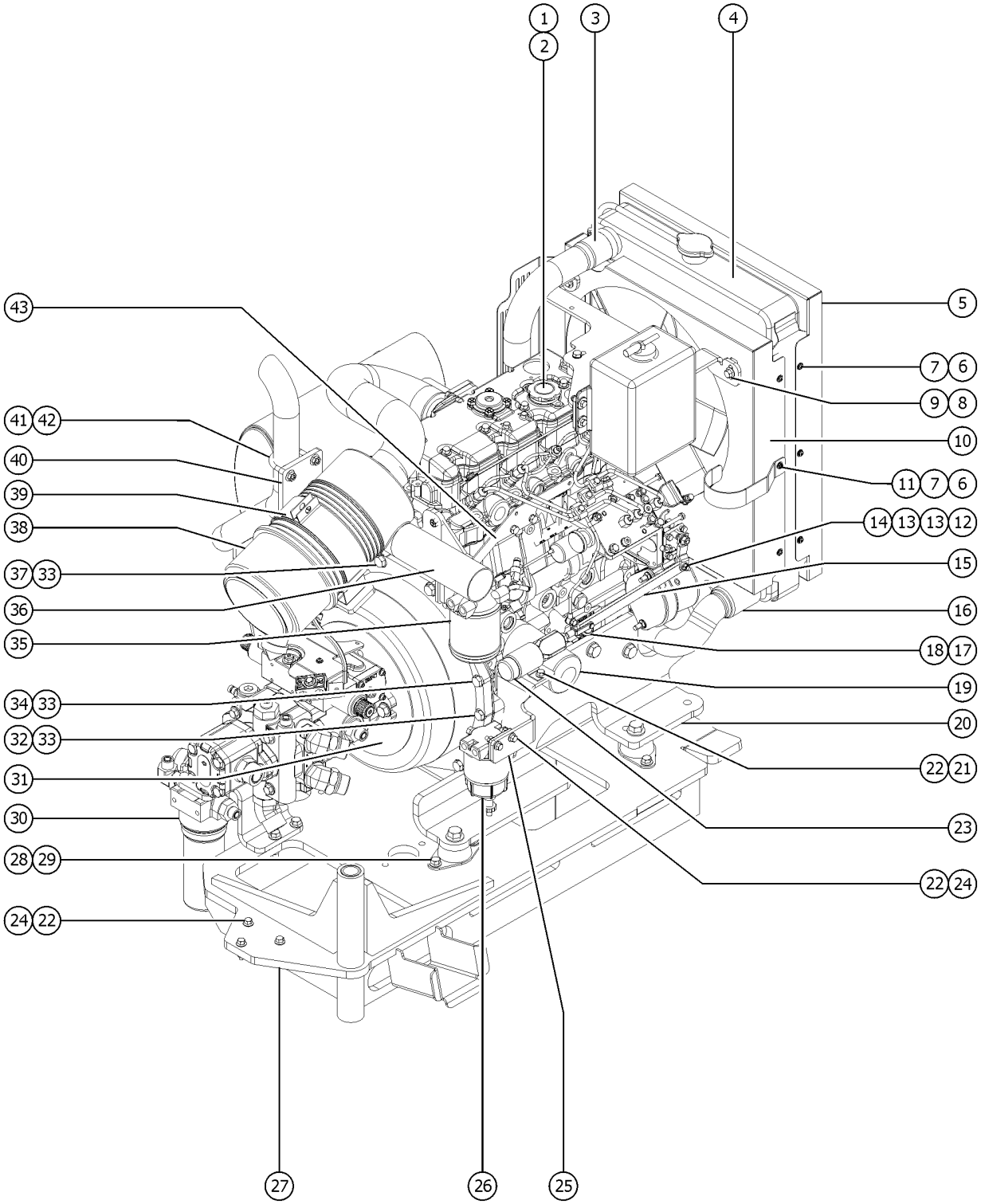
413.1 Perkins 404D-22 Engine, View 2



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, .375 X 1.50 X .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.54,ZAG	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 SH	1

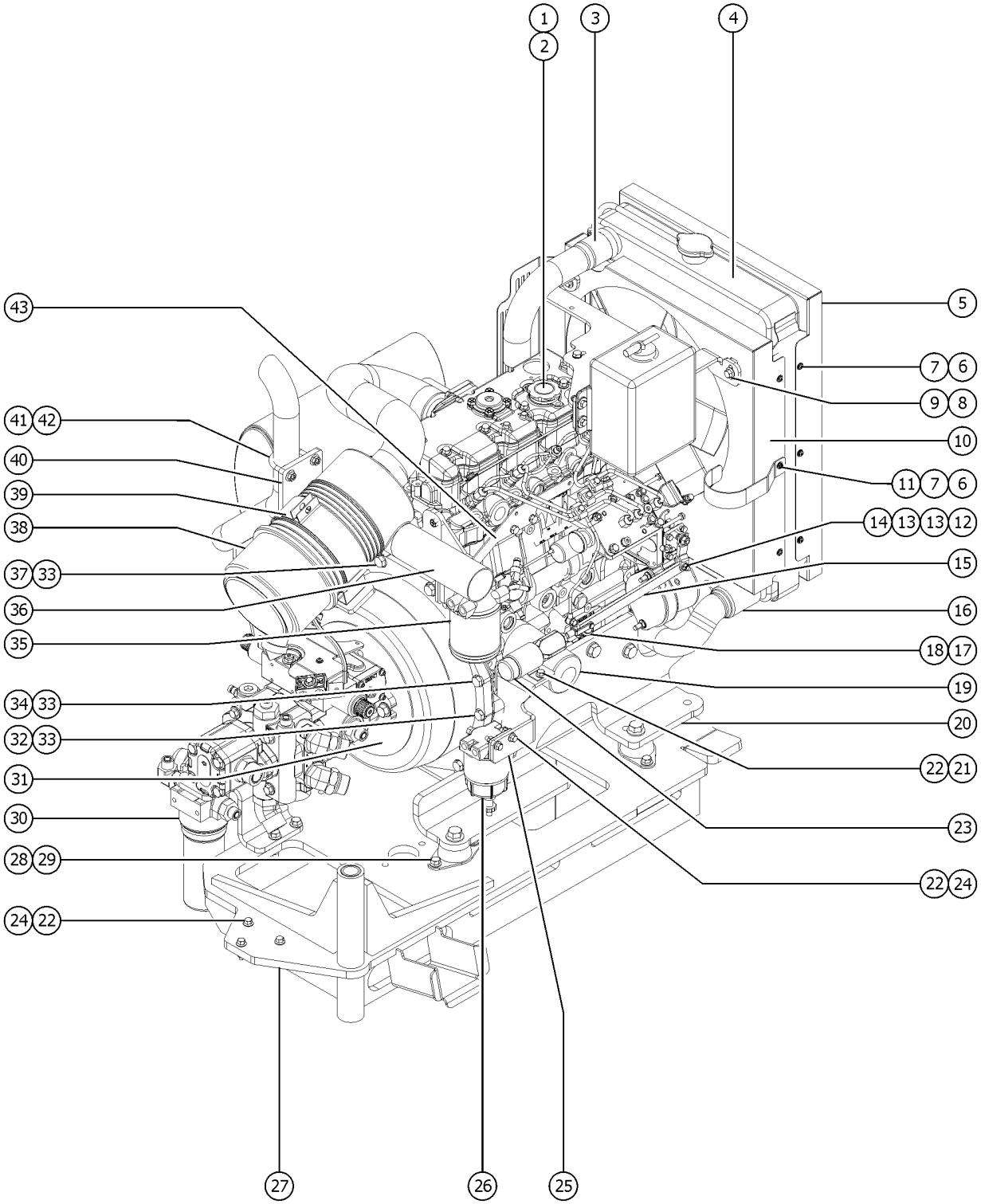
413.1 Perkins 404D-22 Engine, View 2



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, 1/4-20 X 1.25, 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, 3/8-16 X 1.25, 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,DIN933,10.9,ZAB	6

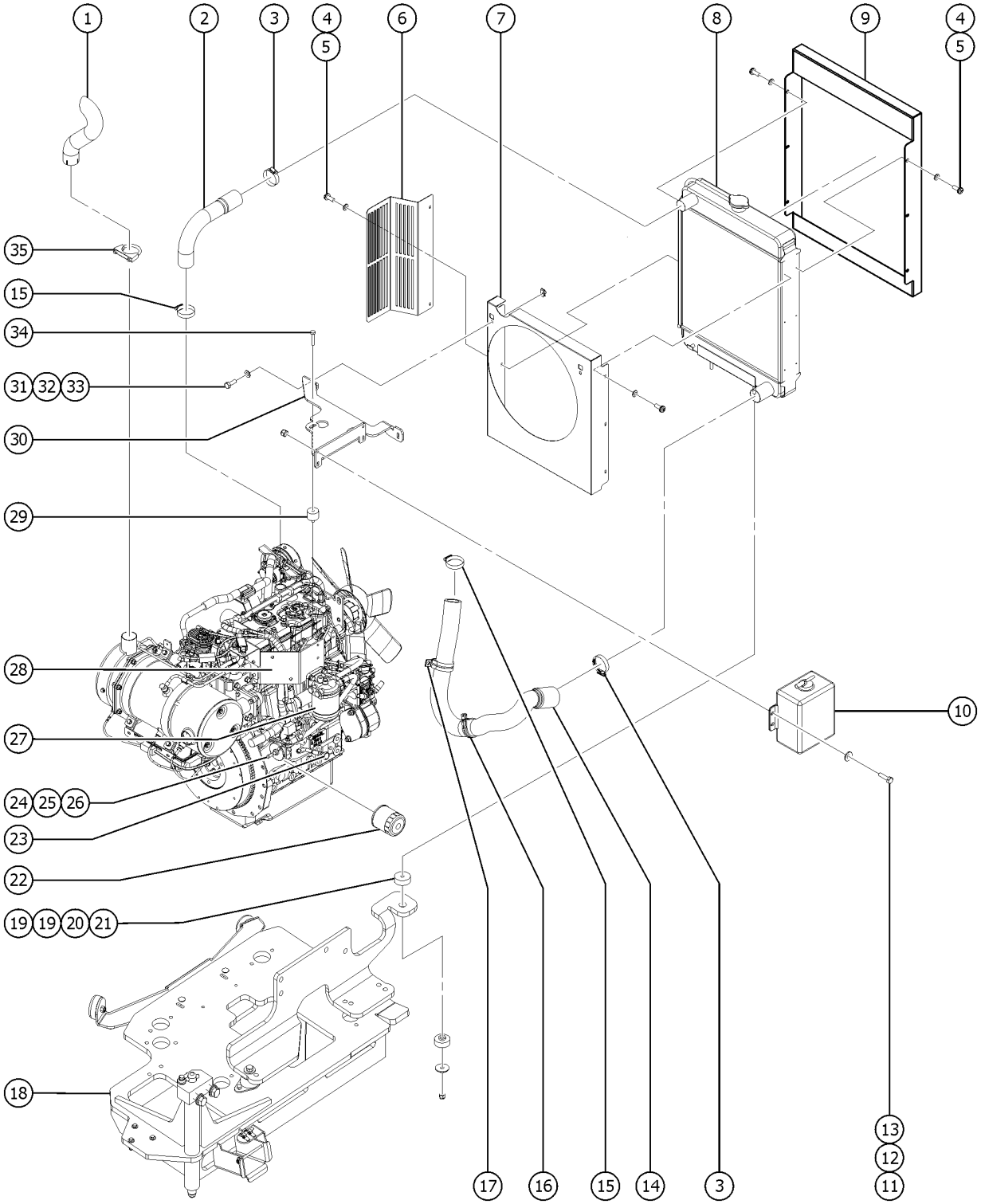
413.1 Perkins 404D-22 Engine, View 2



413.1 Perkins 404D-22 Engine, View 2

Item	Part No.	Description	Qty.
31B	128022GT	KIT,FBA STYLE COUPLER,PERKINS includes 15-tooth coupler (128003), fastener kit (1263209) and grease	
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,DIN933,10.9,ZAB	5
35	1262484GT	FUEL FILTER ASSY,PERKINS 404D/	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 D2.9L4	
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,DIN933,10.9,ZAB	2
43-	824141GT	WASHER,LOCK,M8,ZAB	2

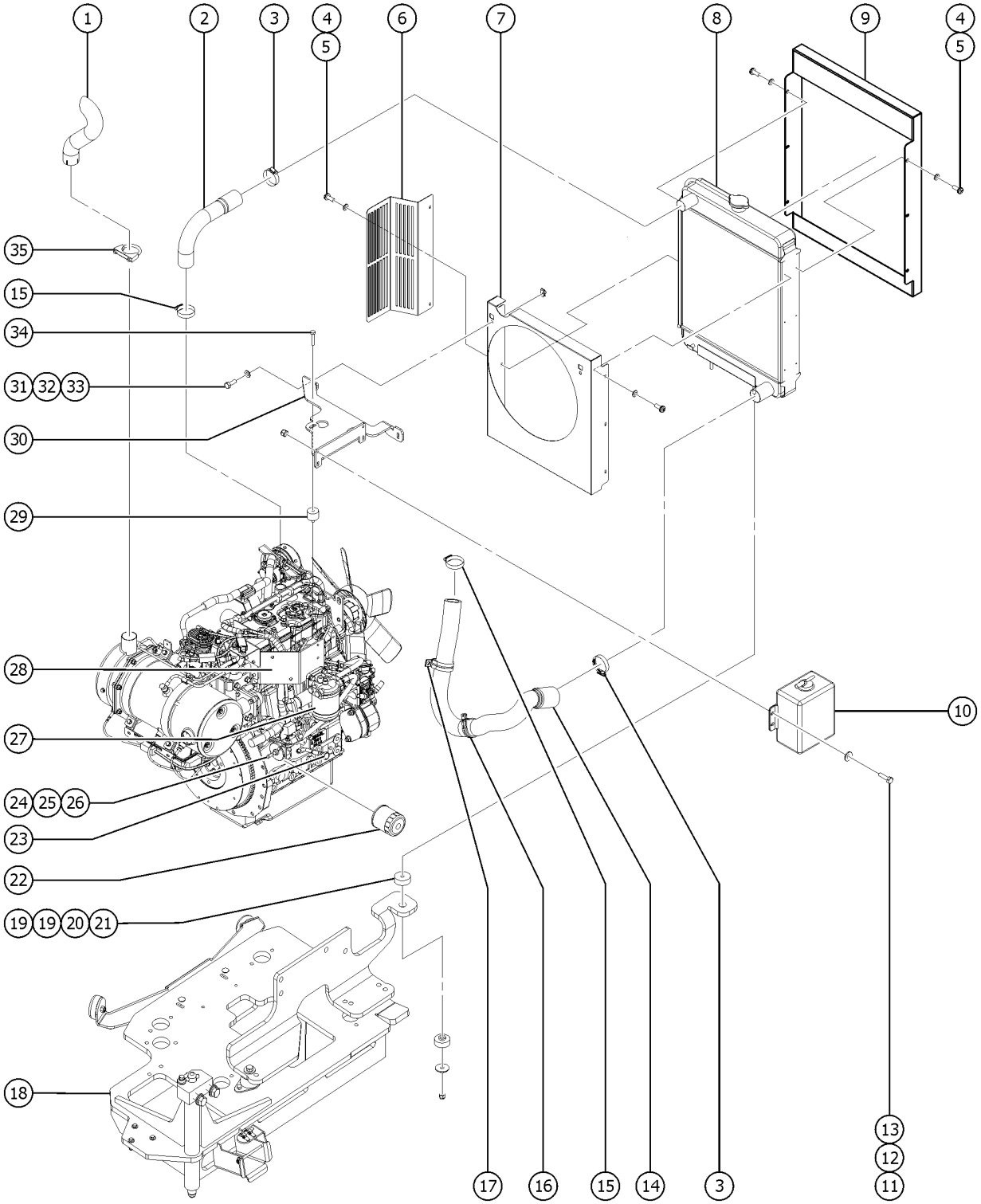
414.1 Perkins 404F-22 Engine, View 1



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	216065GT	ECM, PERKINS 404F-22 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*** overflow tube is 16"	1
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, 5/16-18	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 use to secure hose	1
17	39518GT	CLAMP,2.00,#32 X 3/8,RUB CUSH use to secure hose	1
18		Ref.Engine Tray refer to 418.1	
19	24038GT	SHOCK MOUNT,SMALL	4

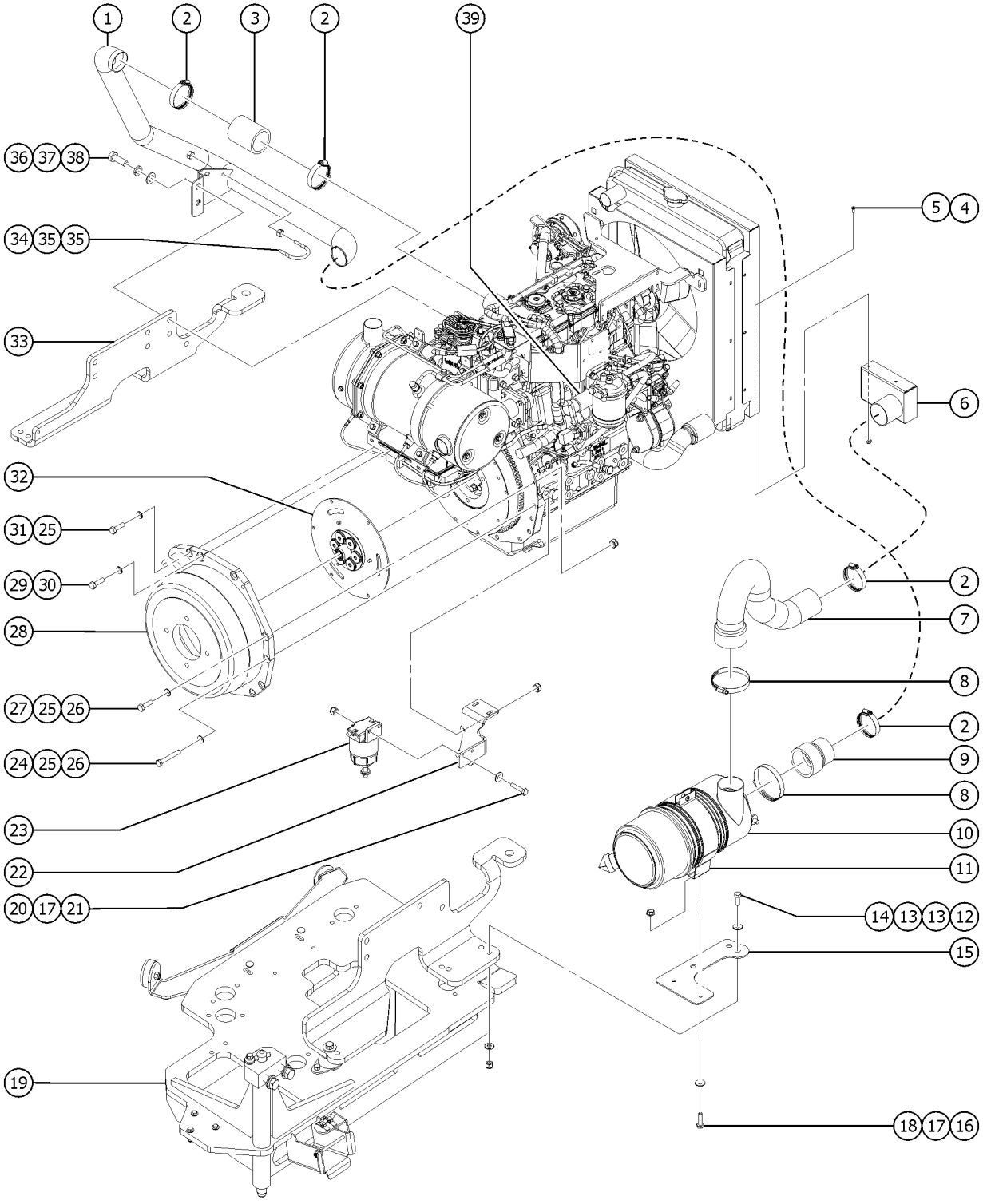
414.1 Perkins 404F-22 Engine, View 1



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 SH	
24	1252941GT	SWITCH,OIL PRESS,PERKINS 404F	1
25	139936GT	ADAPTER,EYEBOLT	1
26	101085GT	GASKET	2
27	1262484GT	FUEL FILTER ASSY,PERKINS 404D/	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.54,ZAG replaced 73871	2
34	28214GT	SCREW,HHC,M8 X 45	1
35	102121GT	CLAMP,MUFFLER,1-7/8 IN.	1

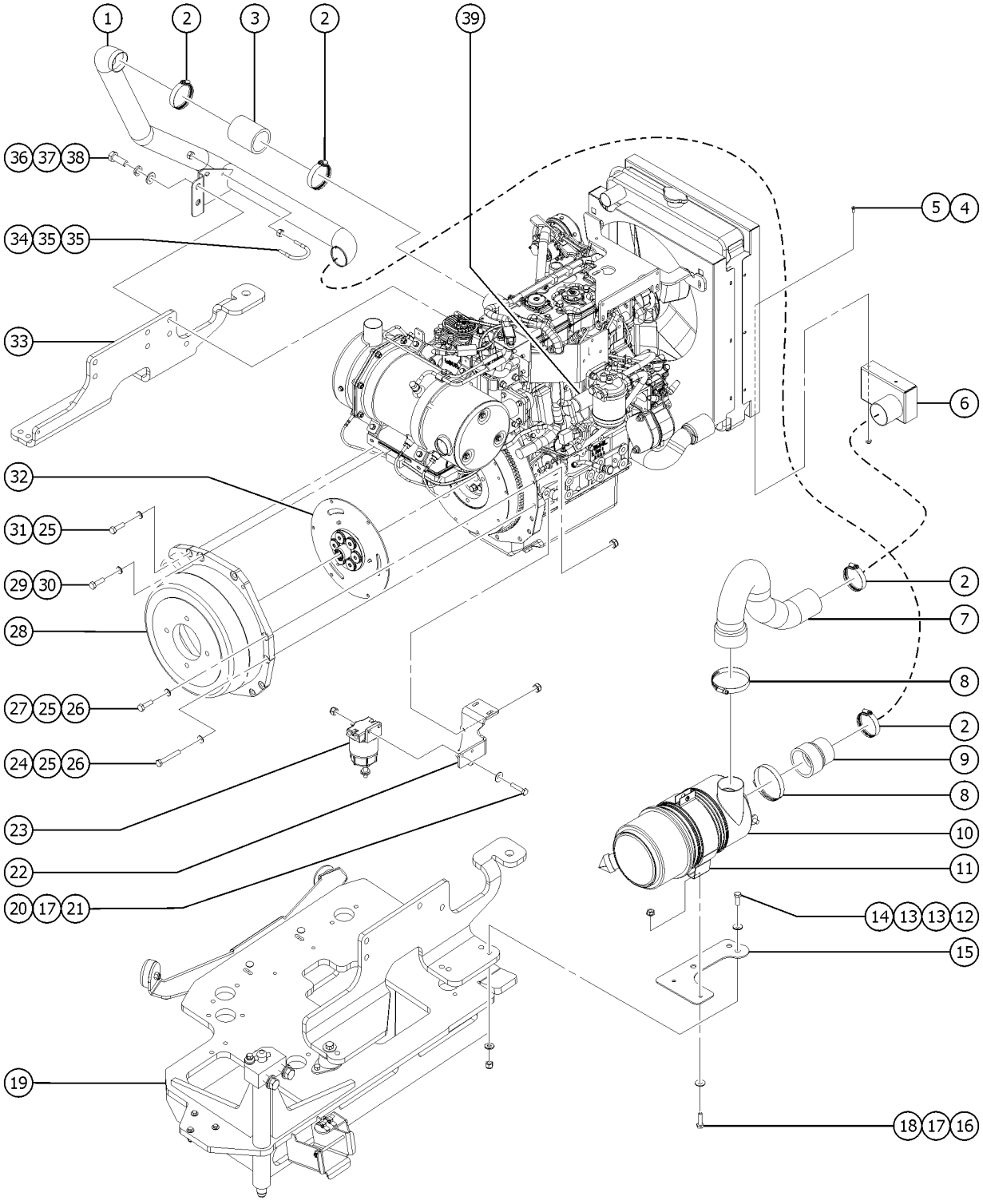
415.1 Perkins 404F-22 Engine, View 2



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 D2.9L4	
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

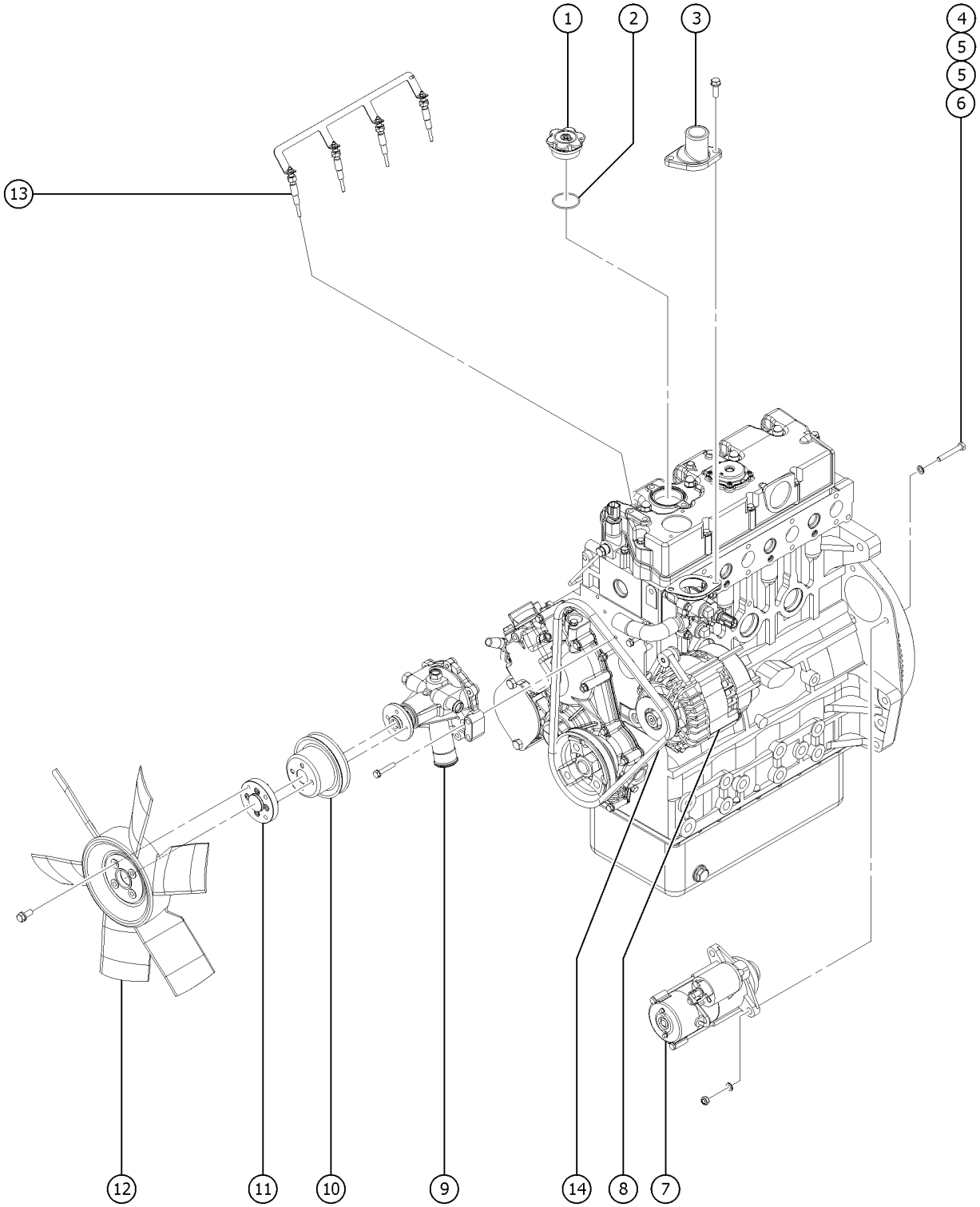
415.1 Perkins 404F-22 Engine, View 2



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,1/4 MNPTX5/16,ST	
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 refer to 418.1	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	

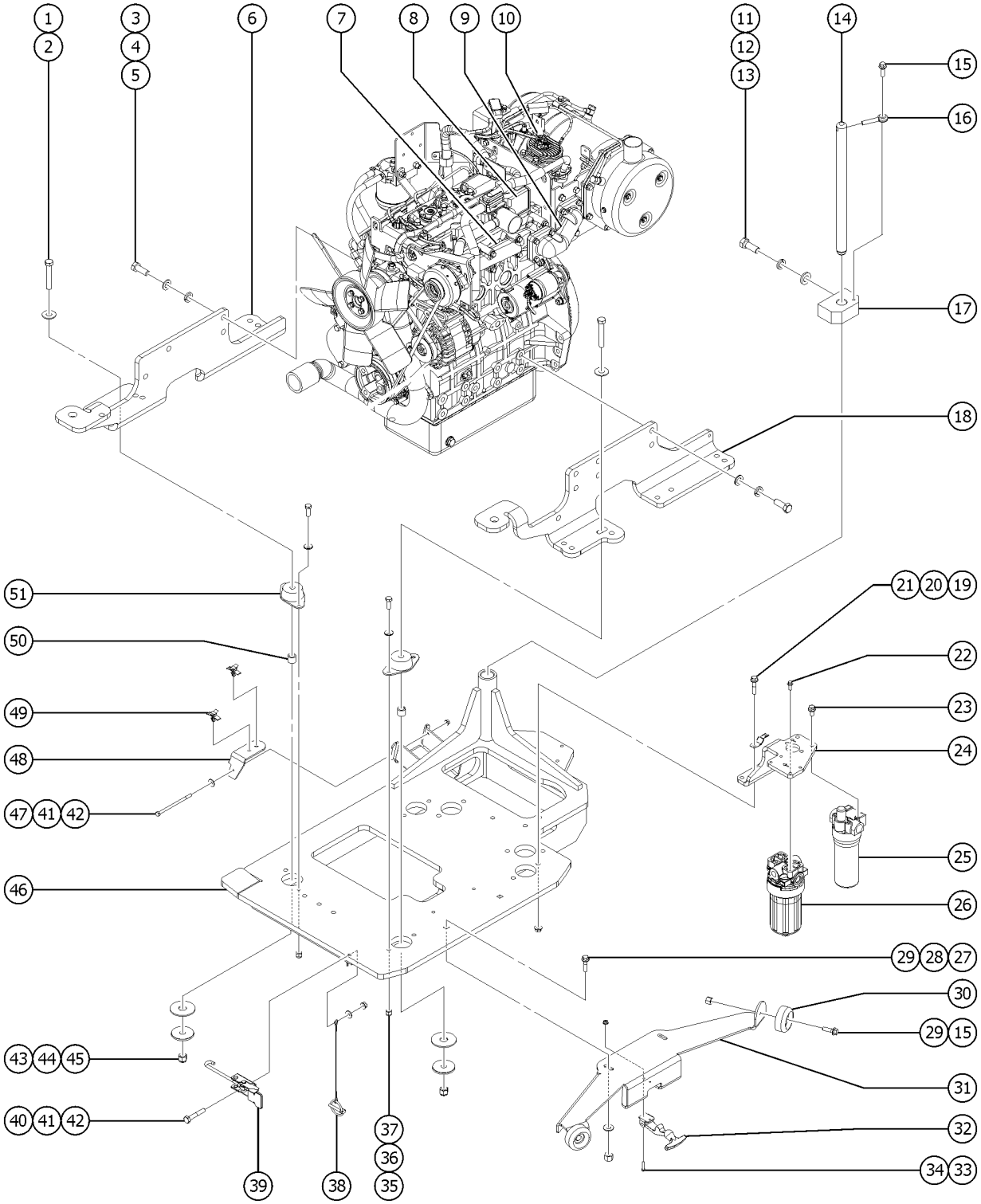
416.1 Perkins 404F-22 Engine, View 3



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, Engine block Thermostat	
F	77477GT	GASKET,THERMOSTAT HSG Vertical Thermostat	
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

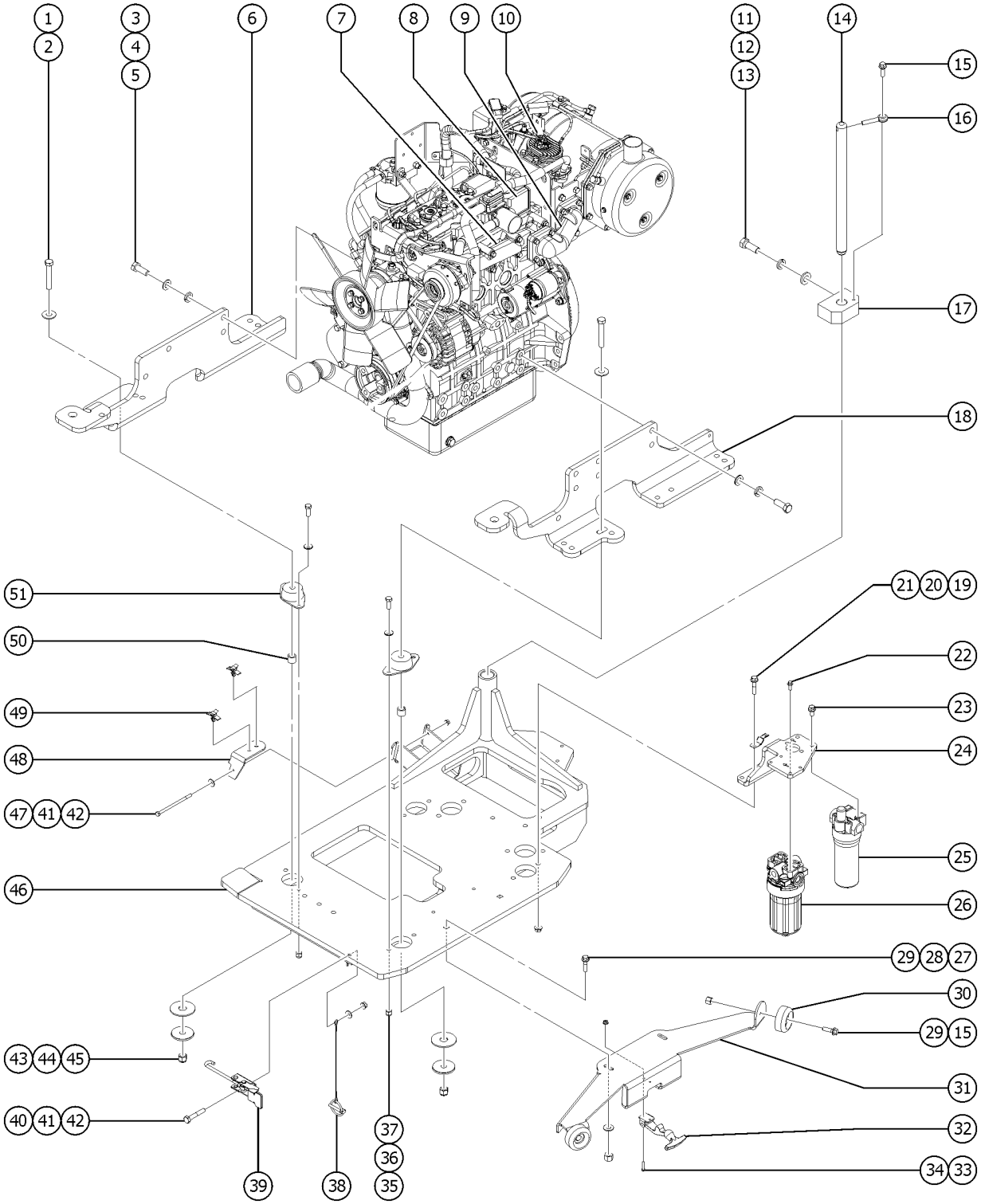
417.1 Perkins 404F-22 Engine, View 4



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, 3/8-16 X 1.25, 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, 3/8-16 X 1.75, 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

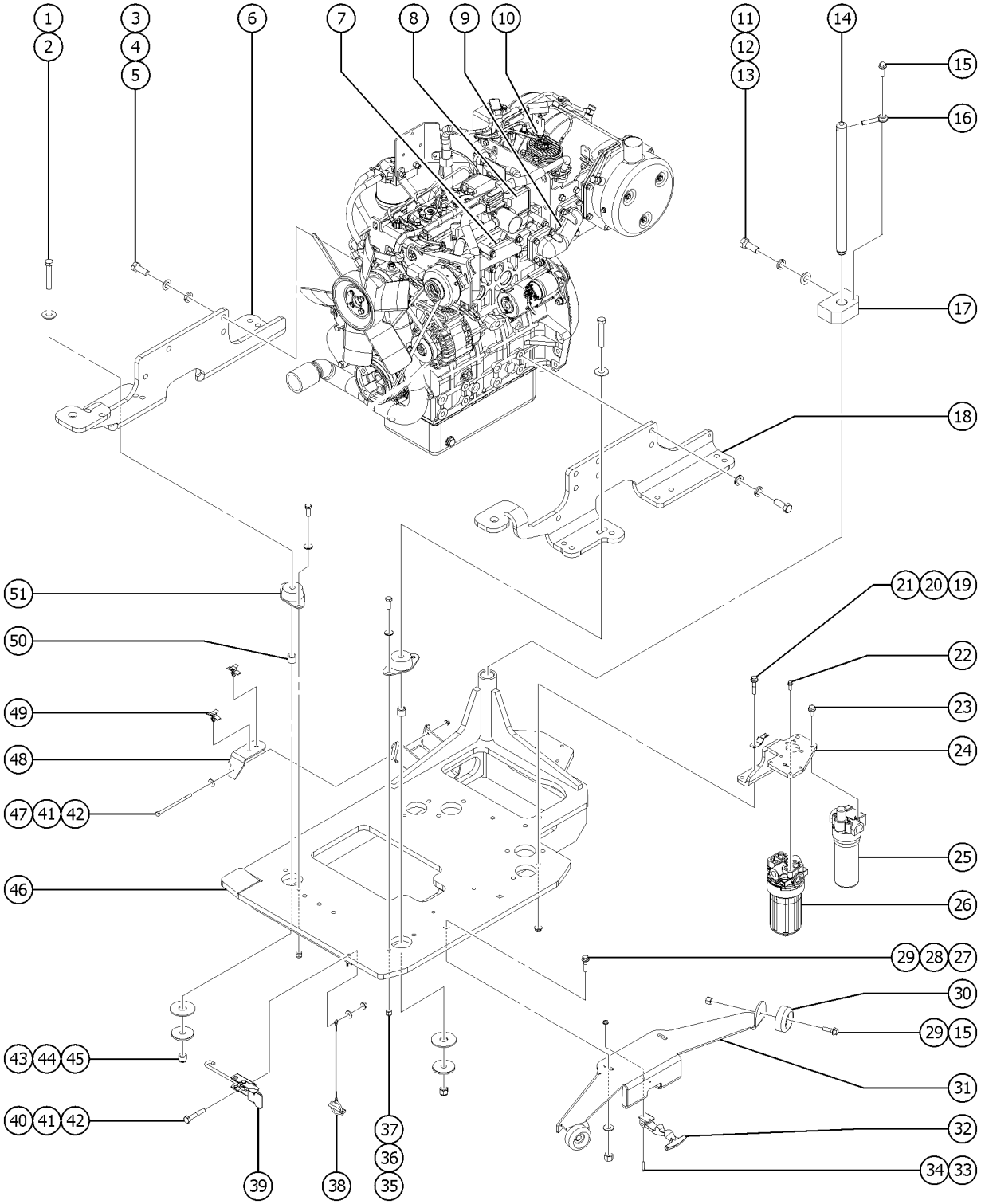
417.1 Perkins 404F-22 Engine, View 4



417.1 Perkins 404F-22 Engine, View 4

Item	Part No.	Description	Qty.
23	824089GT	SCREW, HHF, 3/8-16 X .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, SAE8	1
26-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
27	824092GT	SCREW, HHF, 3/8-16 X 1.5, 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, 5/16-18	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,USS,1/4,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

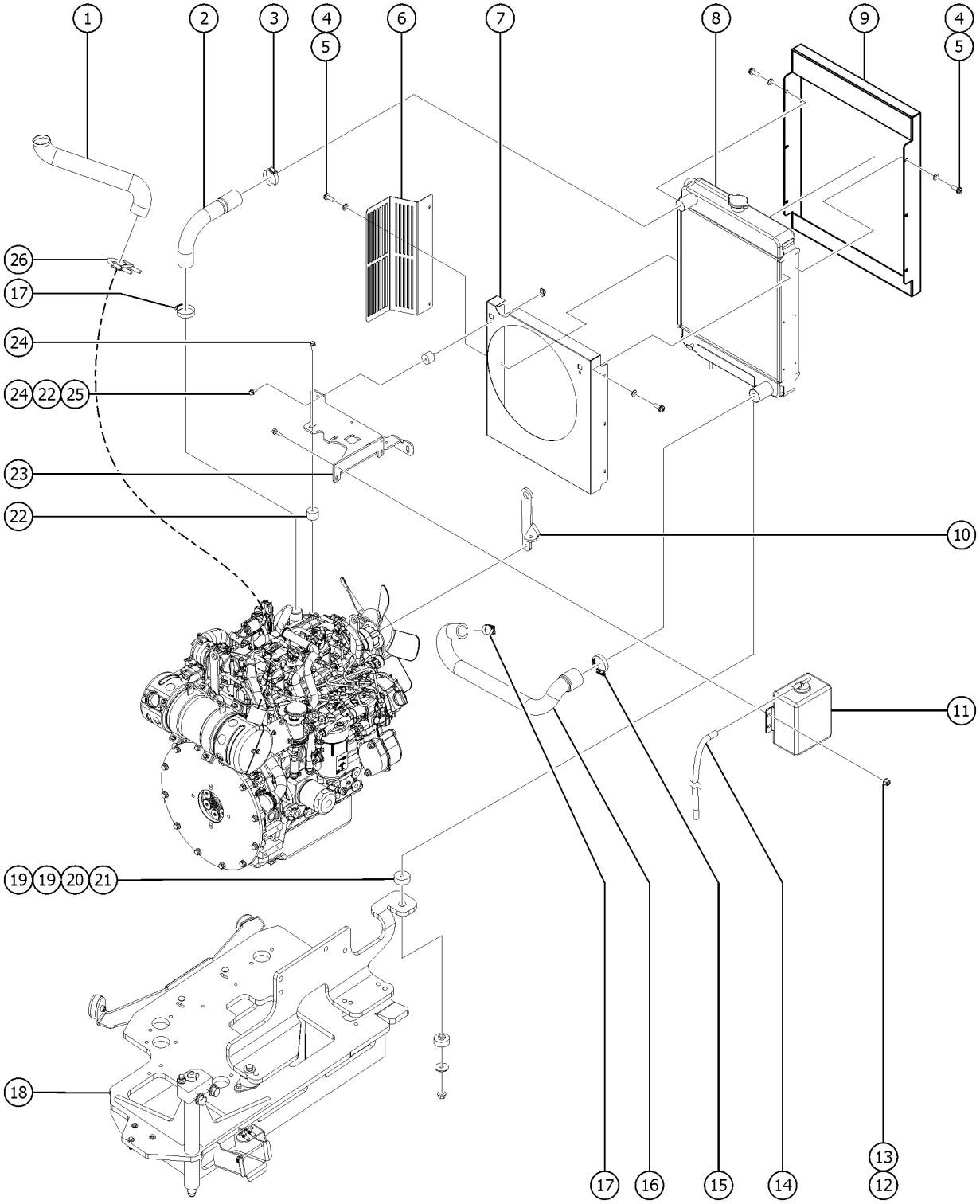
417.1 Perkins 404F-22 Engine, View 4



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 OD X 13.5 ID X 15.9	4
51	70452GT	ISOLATOR,ENGINE VIBRATION	4

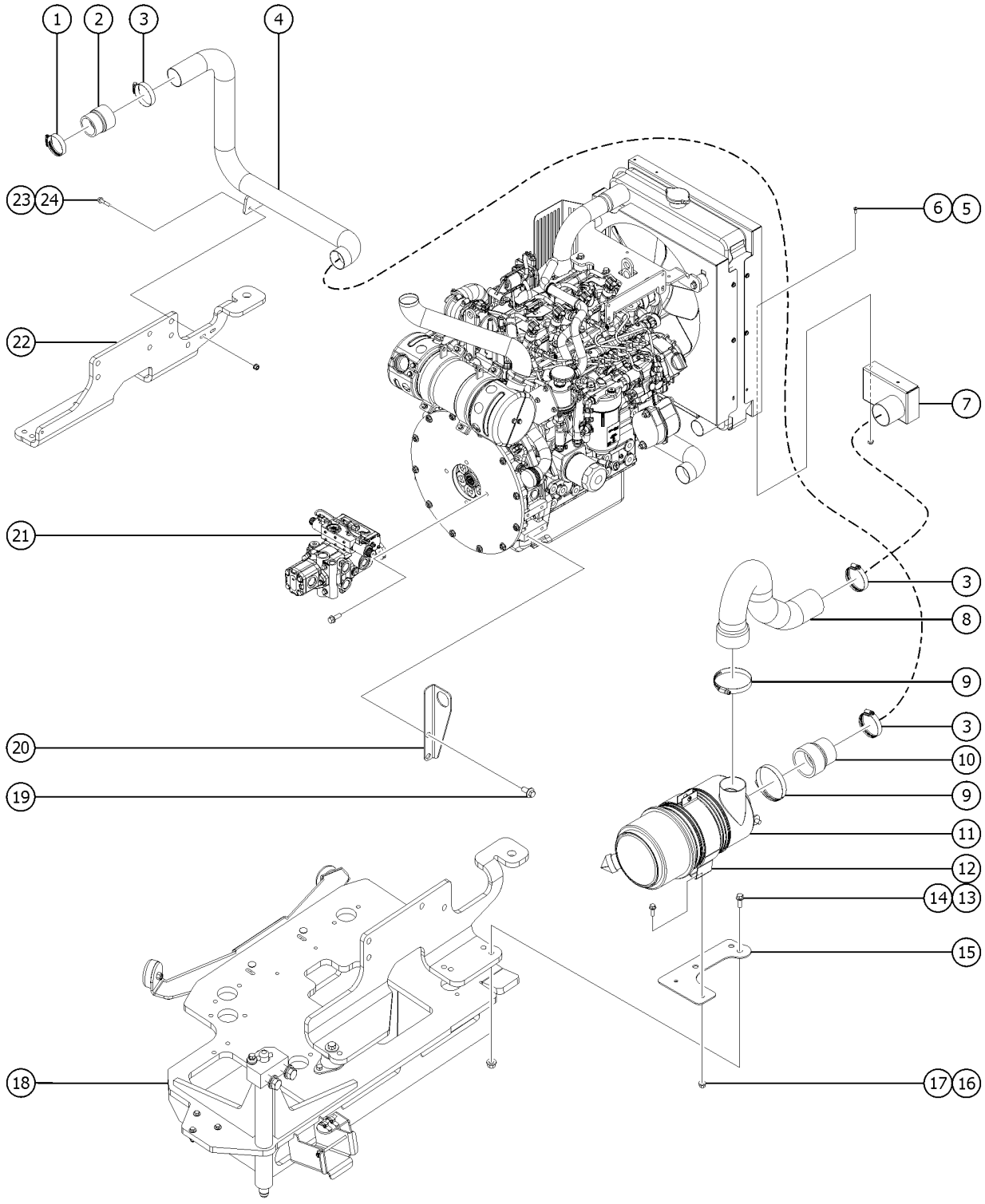
418.1 Perkins 404F-E22T Engine, View 1 (from SN Z452518N-59584)



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, .375 X 1.50 X .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 X 13, ZAB	2
26	102121GT	CLAMP,MUFFLER,1-7/8 IN.	1

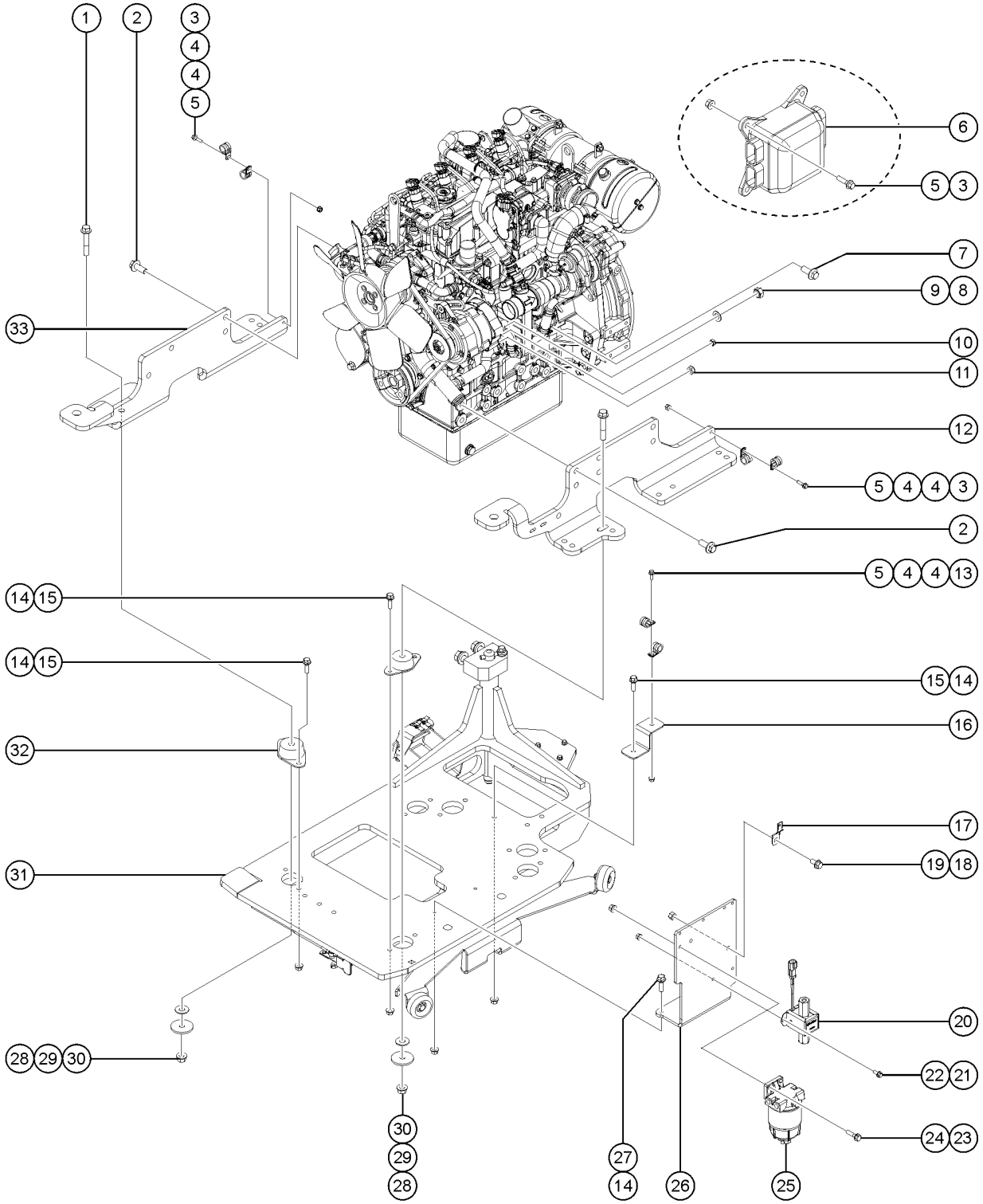
419.1 Perkins 404F-E22T Engine, View 2 (from SN Z452518N-59584)



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 D2.9L4	
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, 5/16-18 X 1, 8, ZAG	2
18		REF. WELDMENT, ENGINE TRAY refer to 422.1	
19	231087GT	SCREW,HHF,M12-1.75X25,DIN6921,10.9,ZAB	2
20	1286546GT	ECU HARNESS BRACKET, PERKINS 404F-E22T	1
21		REF. PUMP,PISTON,49CC refer to705.1	
22		REF. FORMING, ENGINE MOUNT, LH refer to 420.1	
23	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	2
24	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	2

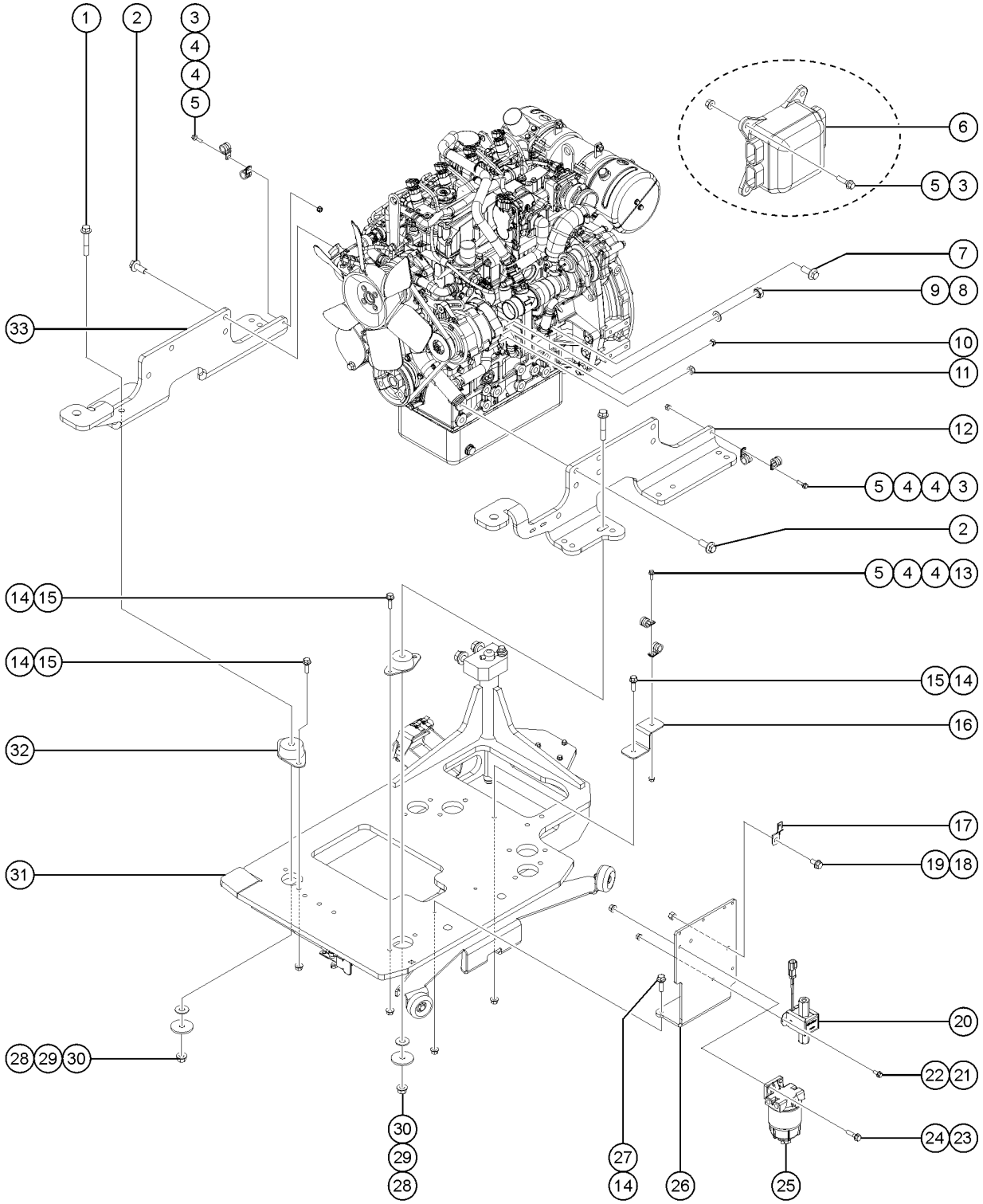
420.1 Perkins 404F-E22T Engine, View 3 (from SN Z452518N-59584)



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	4
4	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	6
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	5
6	1286594GT	MODULE, VEC, RLYS AND FUSES	1
6-	1251503GT	RELAY, 12V MICRO, 35AMP	
6-	1288984GT	FUSE, ATM, 1AMP	
6-	1251506GT	FUSE, ATM, 5AMP	
6-	1251502GT	FUSE, ATM, 10AMP	
6-	1251500GT	FUSE, ATM, 20AMP	
6-	1251501GT	FUSE, ATM, 30AMP	
6-	1280401GT	CIRCUIT BREAKER, 30AMP MINI	
6-	1279520GT	CIRCUIT BREAKER 20A,TIII, ATC, 14VDC	
6-	1251504GT	DIODE, 6A 22903-6V	
7	237352GT	SCREW,HHF,M10-1.5X16,DIN6921,10.9,ZAB	1
8	22571GT	NUT,HEX,M8 X 1.25	1
9	33277GT	WASHER,FLAT,M8,YELLOW ZINC	1
10	27082GT	NUT,NYLOCK,M5X.80	1
11	49364GT	NUT,NYLOCK,M6X1.00	2
12	161611GT	FORMING, ENGINE MOUNT, PERKINS	1
13	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	1
14	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	11
15	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	11
16	1287119GT	FORMING,FUEL LINE BRACKET,CRDI	1
17	99346GT	CLIP, METAL MOUNTING	1
18	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	1
19	1256468GT	NUT,3/8-16,8,ZAG	1

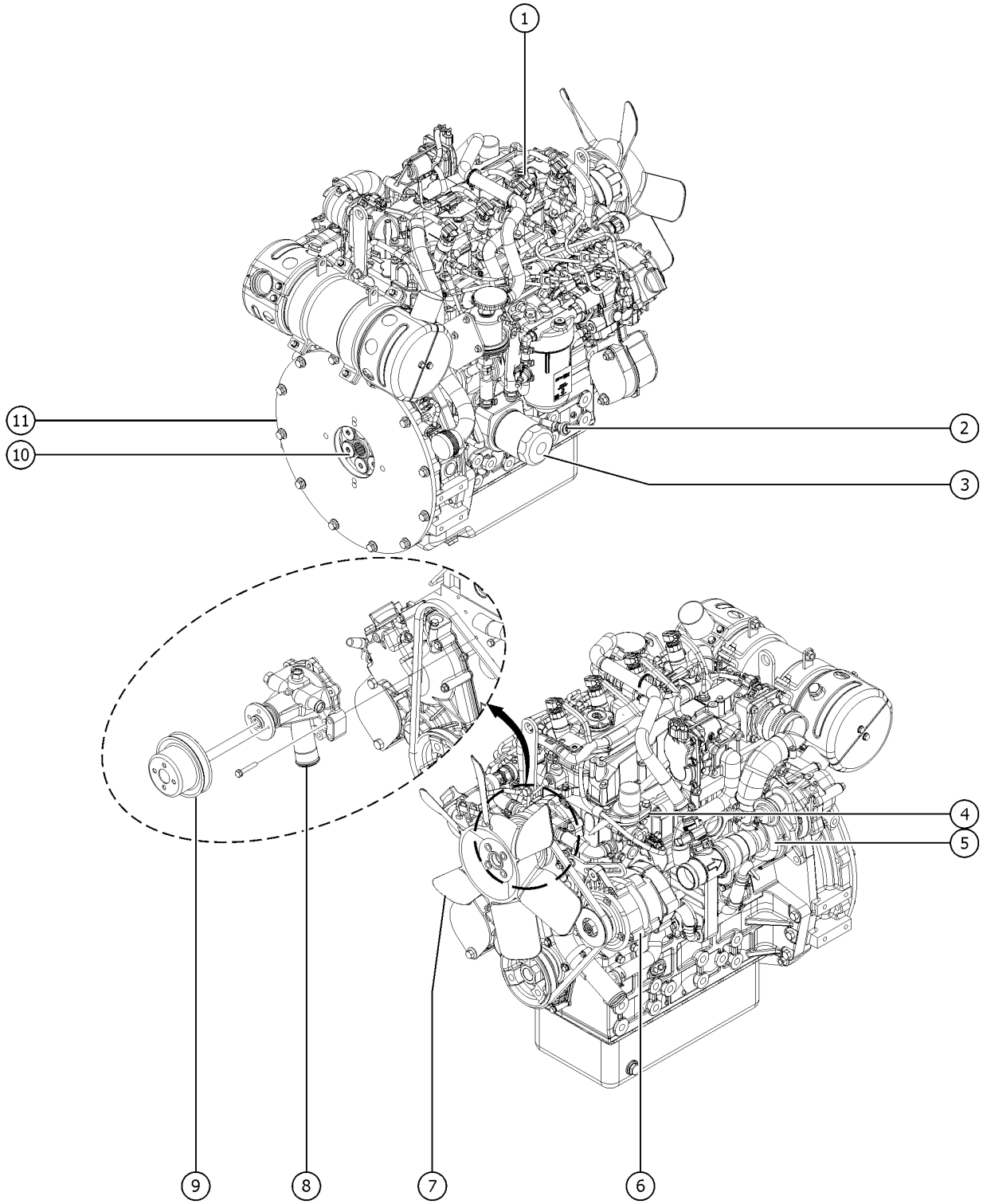
420.1 Perkins 404F-E22T Engine, View 3 (from SN Z452518N-59584)



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

Item	Part No.	Description	Qty.
20	1285222GT	FUEL PUMP,LIFT,PERKINS 404F-E22T	1
20-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
20-	96770GT	CLAMP, HOSE, 1 EAR, 11/16	
21	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	2
22	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
23	824087GT	SCREW, HHF, 5/16-18 X 1.25, 8, ZAG	2
24	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	2
25	75020GT	SEPRTR/FLTR,FUEL DSL,15GPH,.30	1
25-	54205GT	HOSE END,BARB,1/4 MNPTX5/16,90	
25-	96770GT	CLAMP, HOSE, 1 EAR, 11/16	
26	1287089GT	BRACKET,FUEL PUMP,CRDI	1
27	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	2
28	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	4
29	1256283GT	WASHER,FLAT,.5X2.25X.188,ZAG	4
30	1255760GT	WASHER,FLAT,1/2,USS,ZAG	4
31	235649GT	WELDMENT, ENGINE TRAY Refer to 422.1	
32	70452GT	ISOLATOR,ENGINE VIBRATION	4
33	88988GT	FORMING,ENGINE MOUNT RH	1

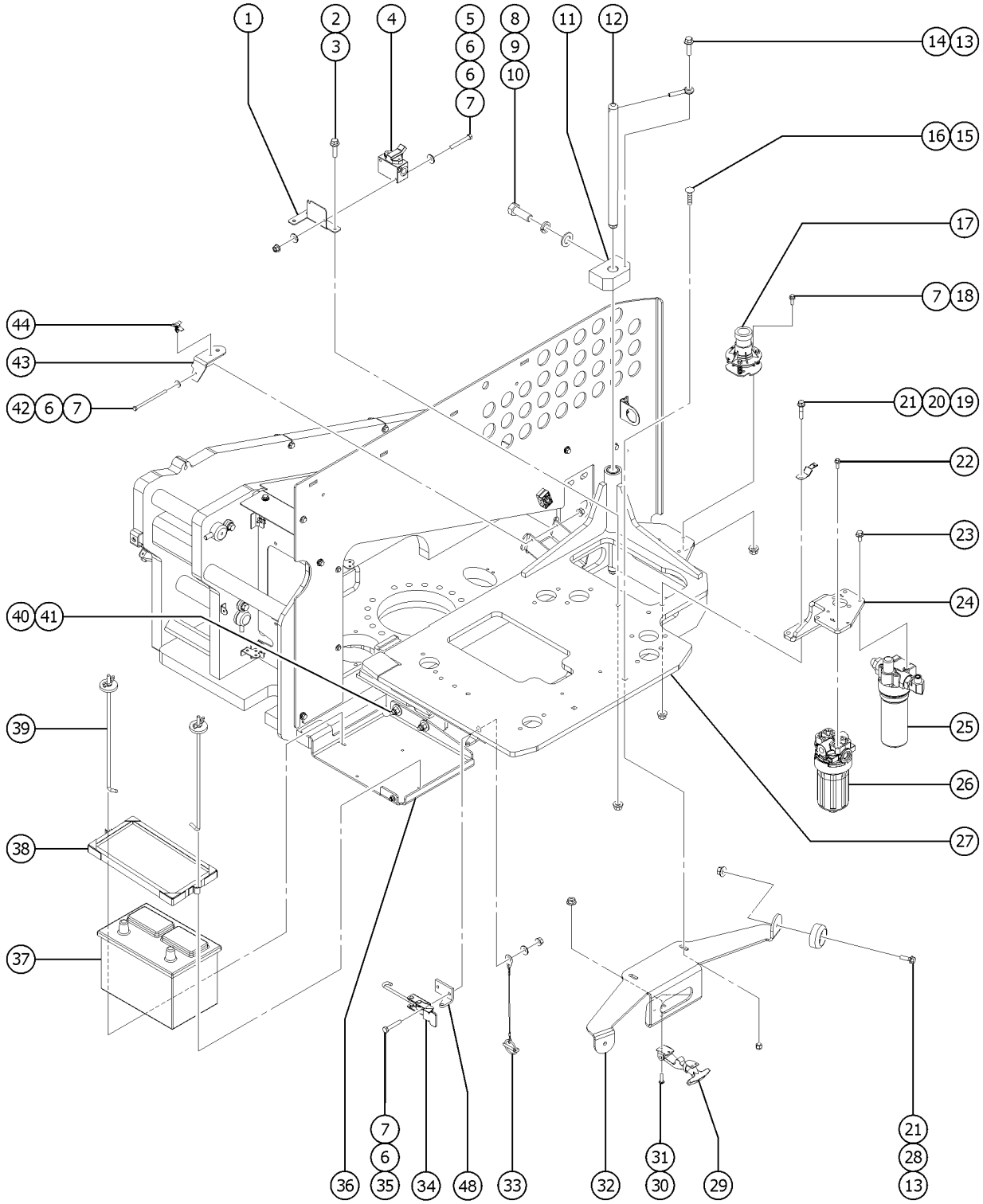
421.1 Perkins 404F-E22T Engine, View 4 (from SN Z452518N-59584)



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 SH	
3	94762GT	OIL FILTER - PERKINS	1
4	128991GT	THERMOSTAT	1
4-	147355GT	GASKET-THERMOSTAT HSG Engine block Thermostat	
4-	77477GT	GASKET,THERMOSTAT HSG Vertical Thermostat	
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

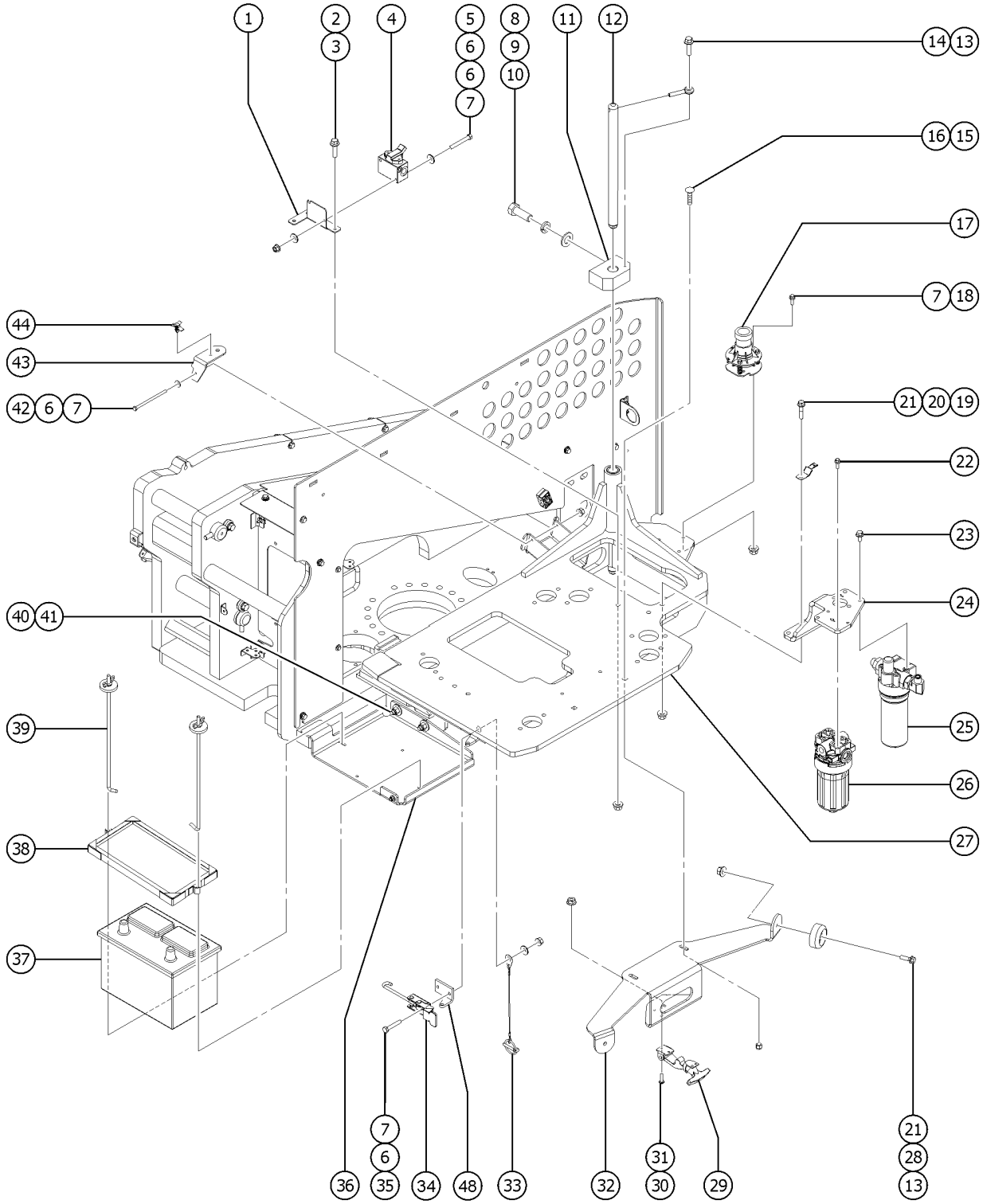
422.1 Engine Tray



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, 1/4-20 X 2.25, 8, ZAG	
6	824113GT	WASHER,FLAT,USS,1/4,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, 3/8-16 X 1.25, 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, 1/4-20 X 1.25, 8, ZAG	3
19	824093GT	SCREW, HHF, 3/8-16 X 1.75, 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, 3/8-16 X .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)***	

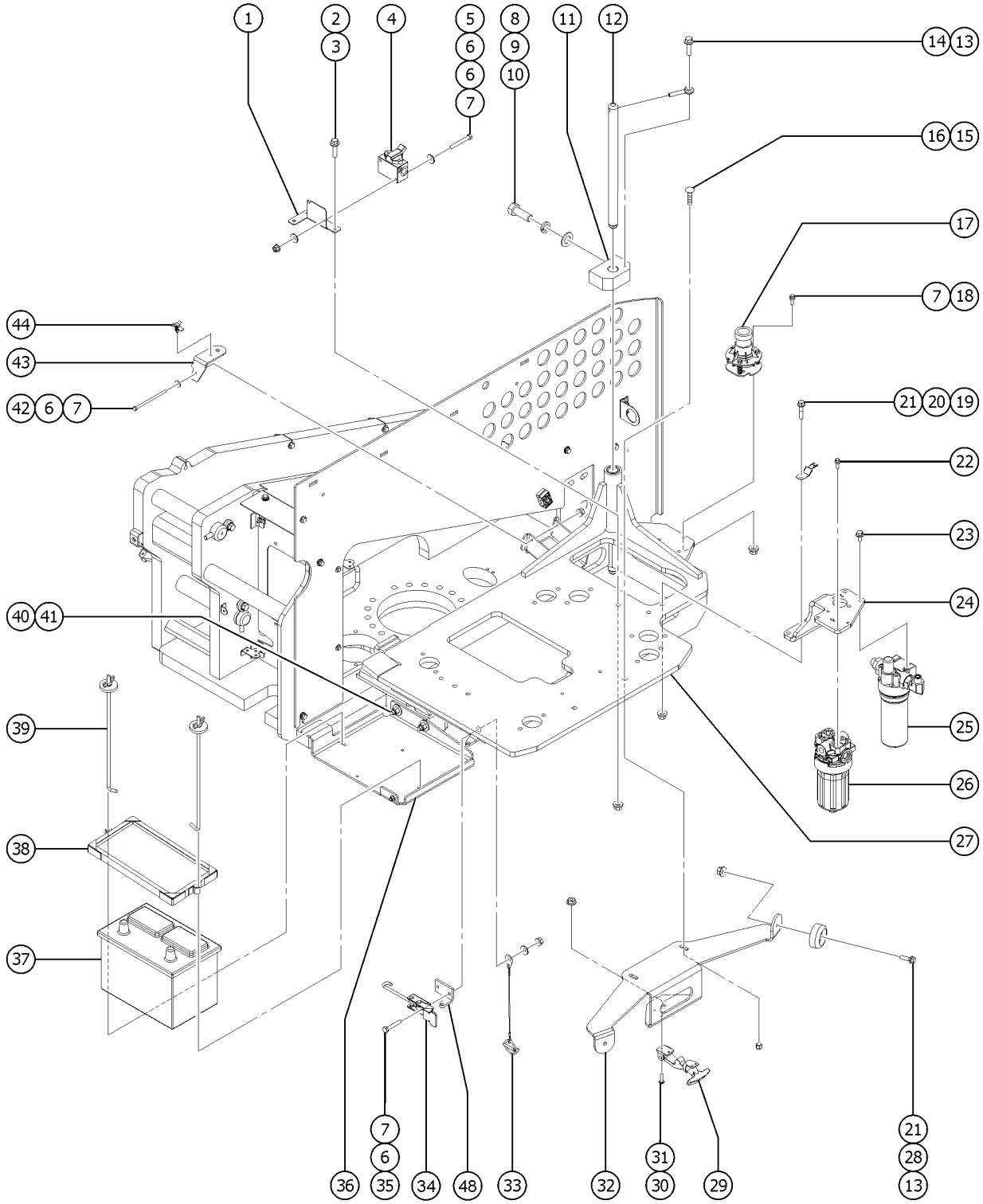
422.1 Engine Tray



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, SAE8	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	1303581GT	BATTERY, 12V, 950CCA, FLA wet battery, deisel engine	
37B	36872GT	BATTERY, 12V 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,USS,1/4,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

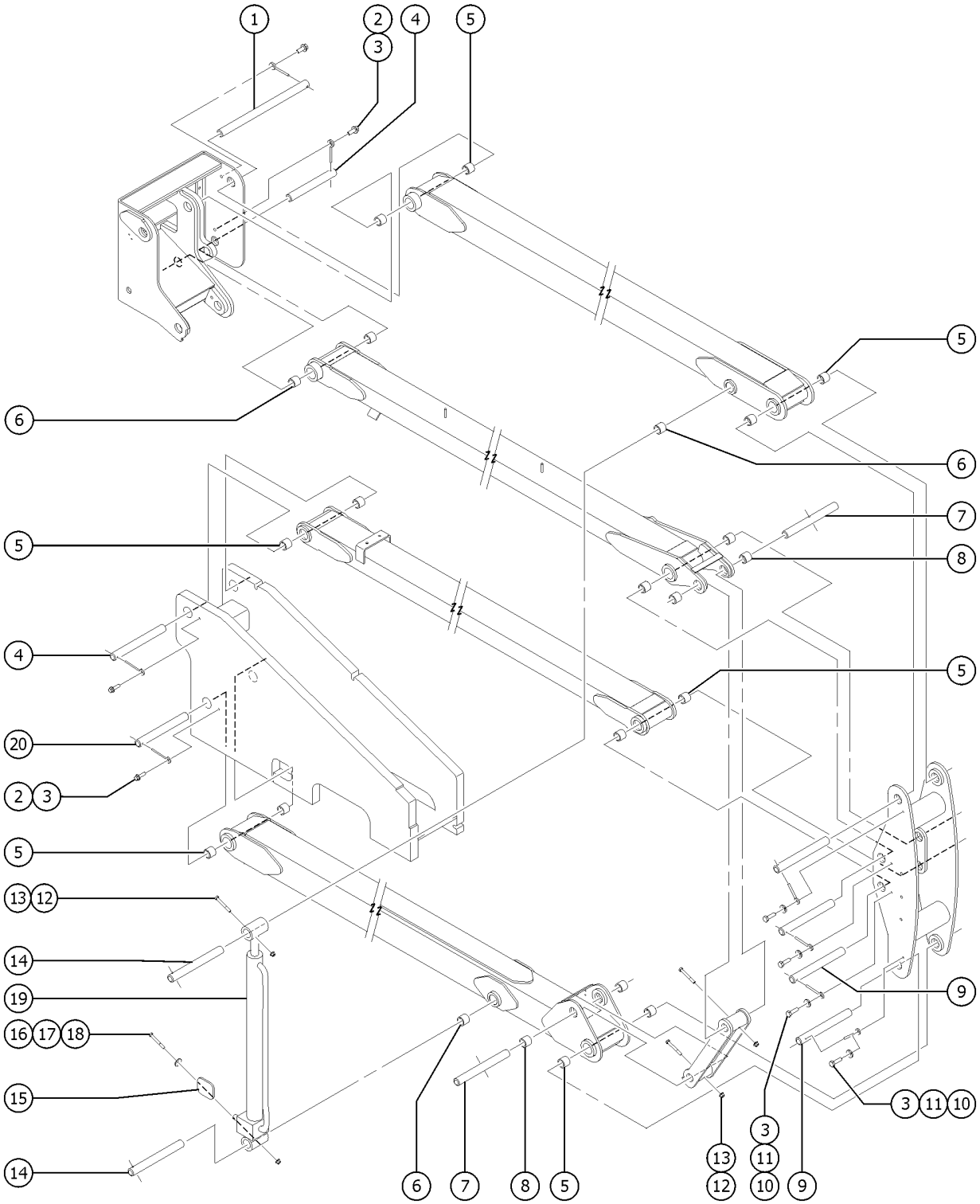
422.1 Engine Tray



422.1 Engine Tray

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

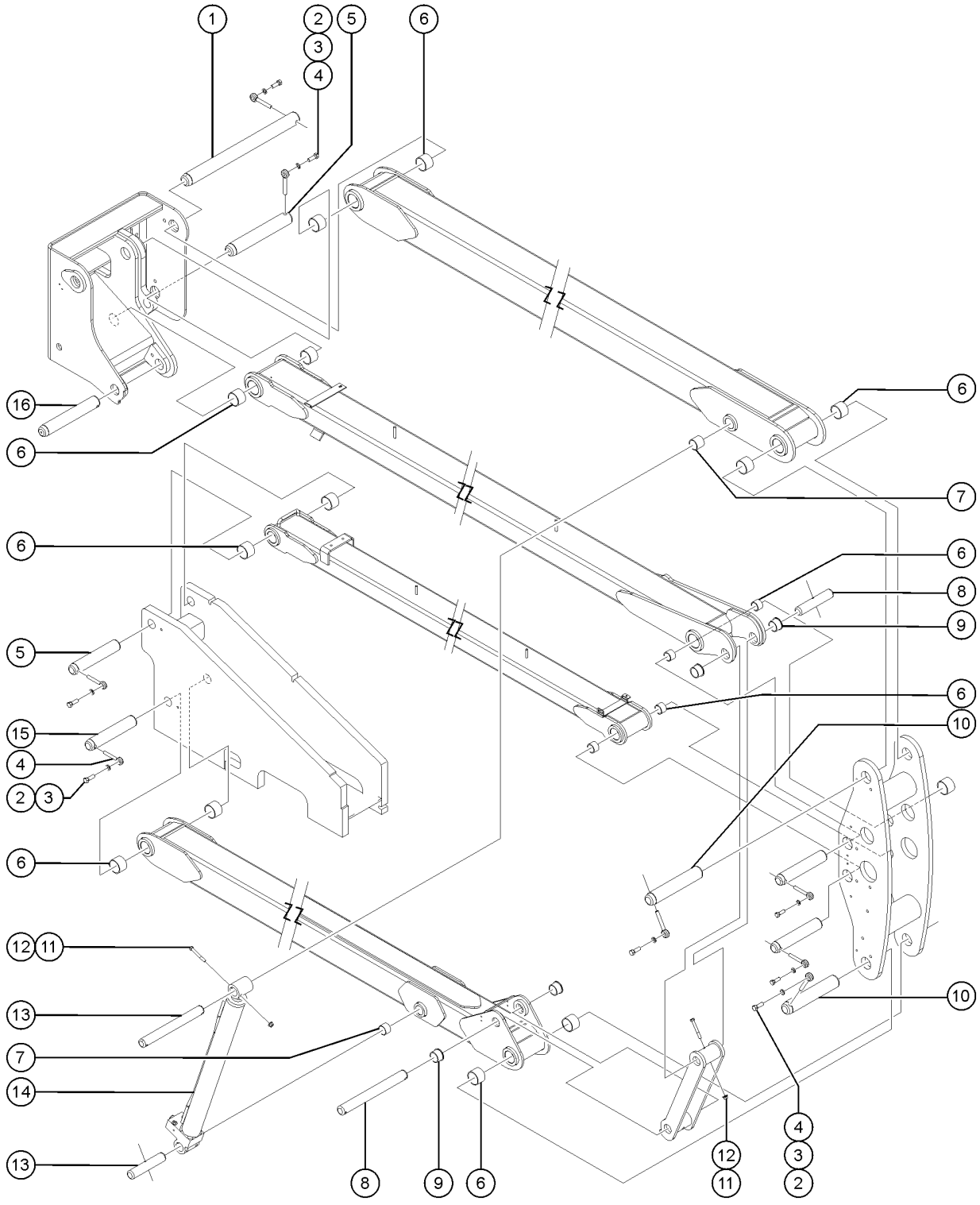
501.1 Boom Pins and Bearings (to SN 60902)



501.1 Boom Pins and Bearings (to SN 60902)

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

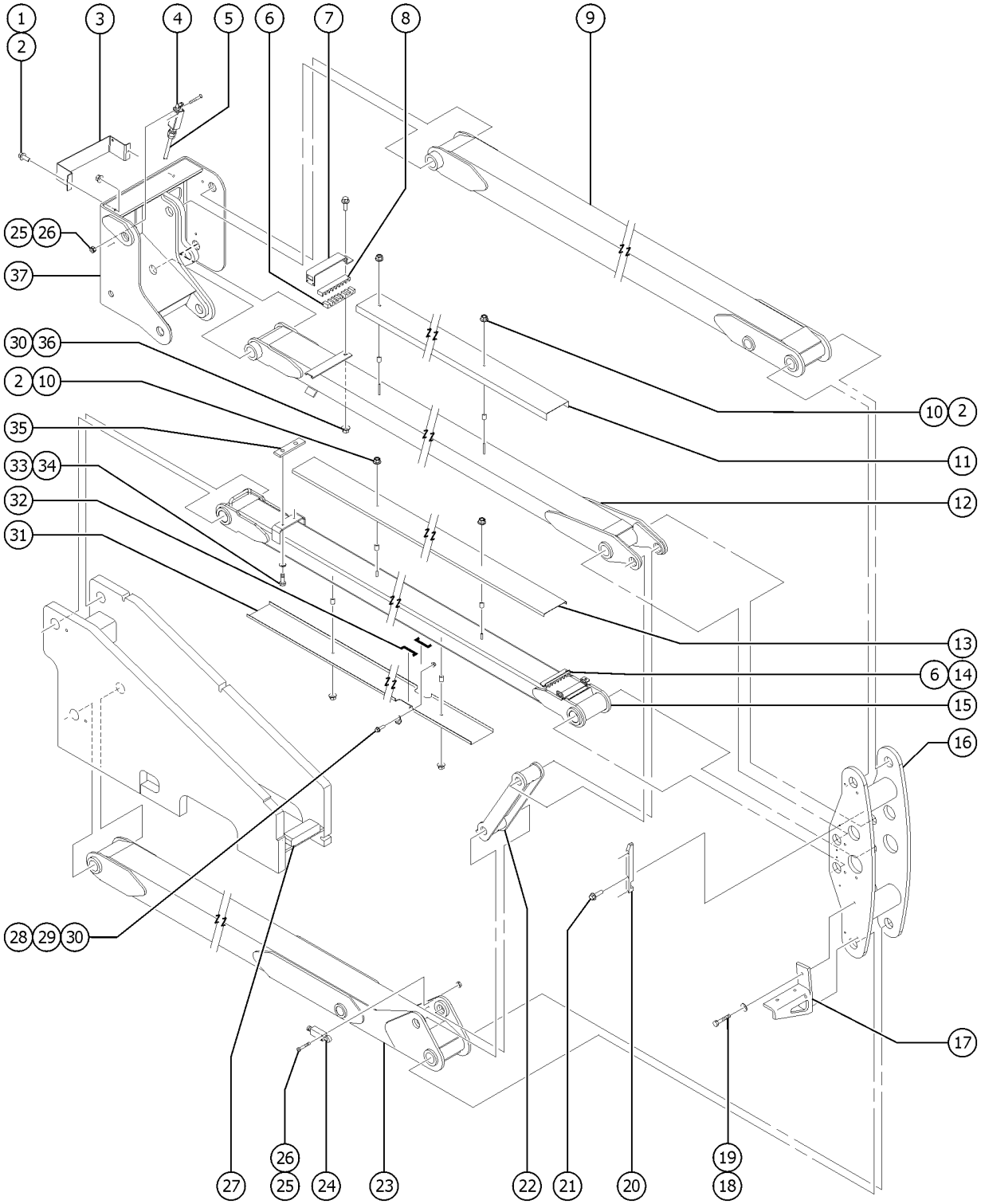
501.2 Boom Pins and Bearing (from SN 60903)



501.2 Boom Pins and Bearing (from SN 60903)

Item	Part No.	Description	Qty.
1	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
2	1256844GT	SCREW,HHC,1/2-13X1.5,8,ZAG	7
3	824111GT	WASHER,LOCK,1/2,ZAG	7
4	1256267GT	ROD END,.5 X 3.75,ZAG	7
5	107859GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
6	18720GT	BEARING,2.0IDX2.25ODX1.50L	16
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
8	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
9	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	4
10	107588GT	PIN,2.00DIAX10.88LG,CHAMFER	4
11	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	12
12	1260940GT	SCREW,HHC,3/8-16X3,8,ZAG	6
13	50455GT	PIN,1.50DIAX13.88LG,2HOLE	2
14	88203GT	CYLINDER,ELEVATE,Z45/25***	2
14-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN	
14-	77521GT	SEAL KIT,ELEVATE (88203)	
15	107590GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
16	70534GT	PIN,1.75DIAX11.88LG,CHAMFER	1

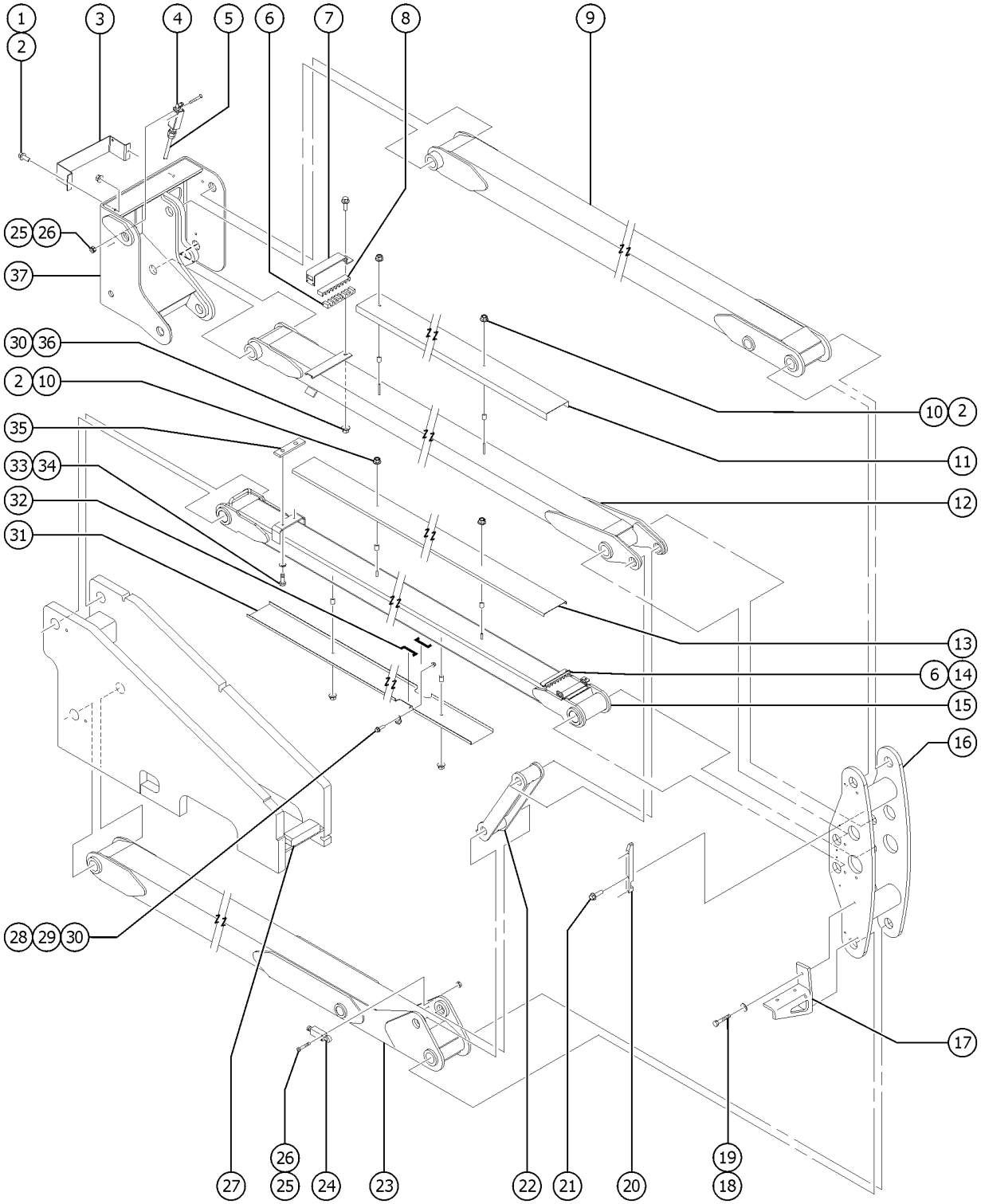
502.1 Boom Linkage, Z-45/25 (to SN 60902)



502.1 Boom Linkage, Z-45/25 (to SN 60902)

Item	Part No.	Description	Qty.
1	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	2
2A	824029GT	NUT, TL FLG, 3/8-16, G, ZAG to SN F-59120	11
2B	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG from SN F-59121	16
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	42941GT	HOSE,3/8",FUEL,30R7 cut to 0.75 inch; Qty. 9	1 inch
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*** (decal not included, refer to section 100)	1
18A	10587GT	SCREW,HHC,1/2-13 X.75 Z-45/25	
20A	107881GT	WEAR PAD,MID PIVOT*** Z-45/25	2
21A	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG Z-45/25	6
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

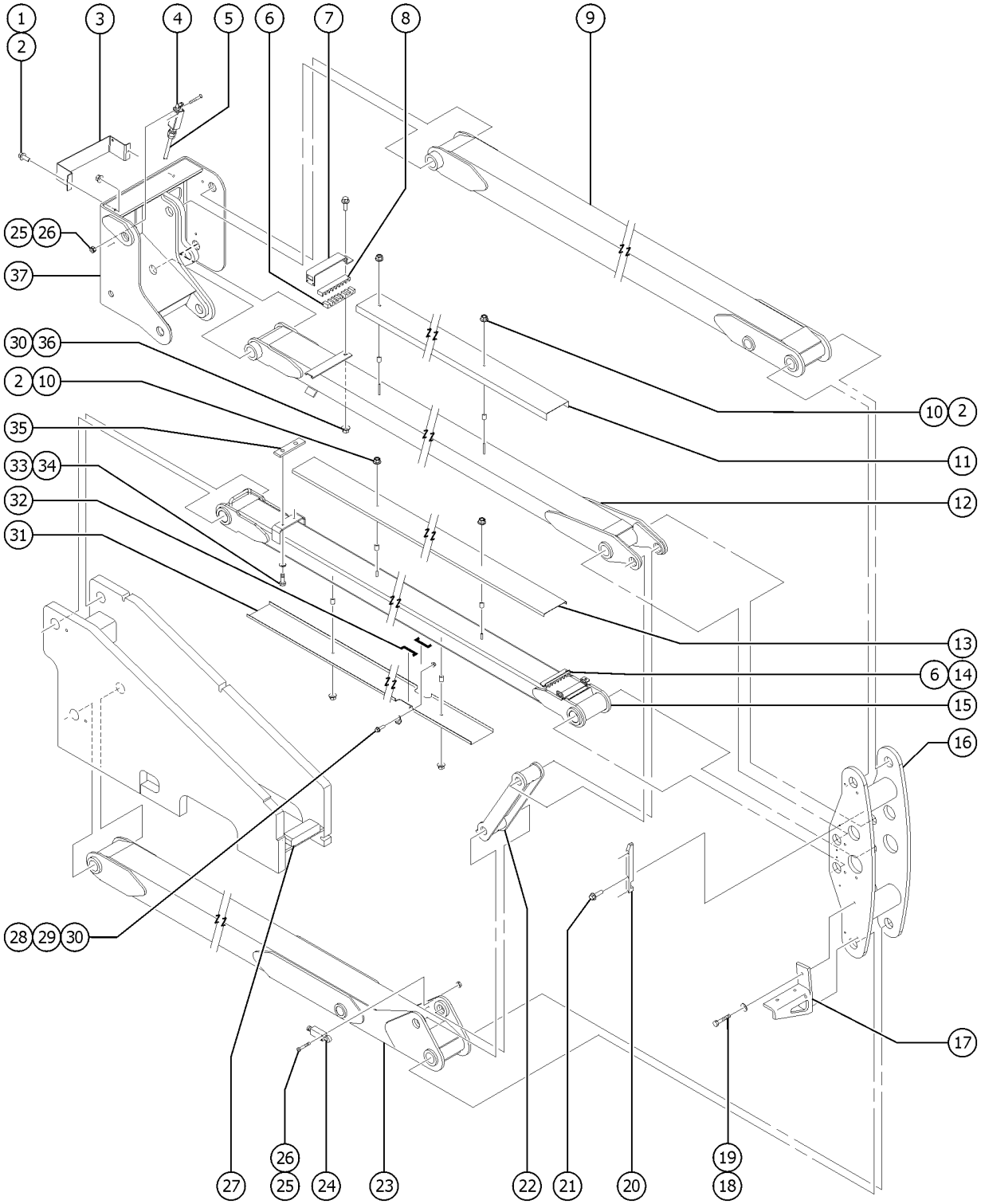
502.1 Boom Linkage, Z-45/25 (to SN 60902)



502.1 Boom Linkage, Z-45/25 (to SN 60902)

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,F,ZAG	2
28	1256855	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 to SN F-59120	4
30B	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG from SN F-59121	4
31	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1
32	1697GT	TRIMLOCK,BLACK,3/16 cut to 4 inches	8 inches
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)	

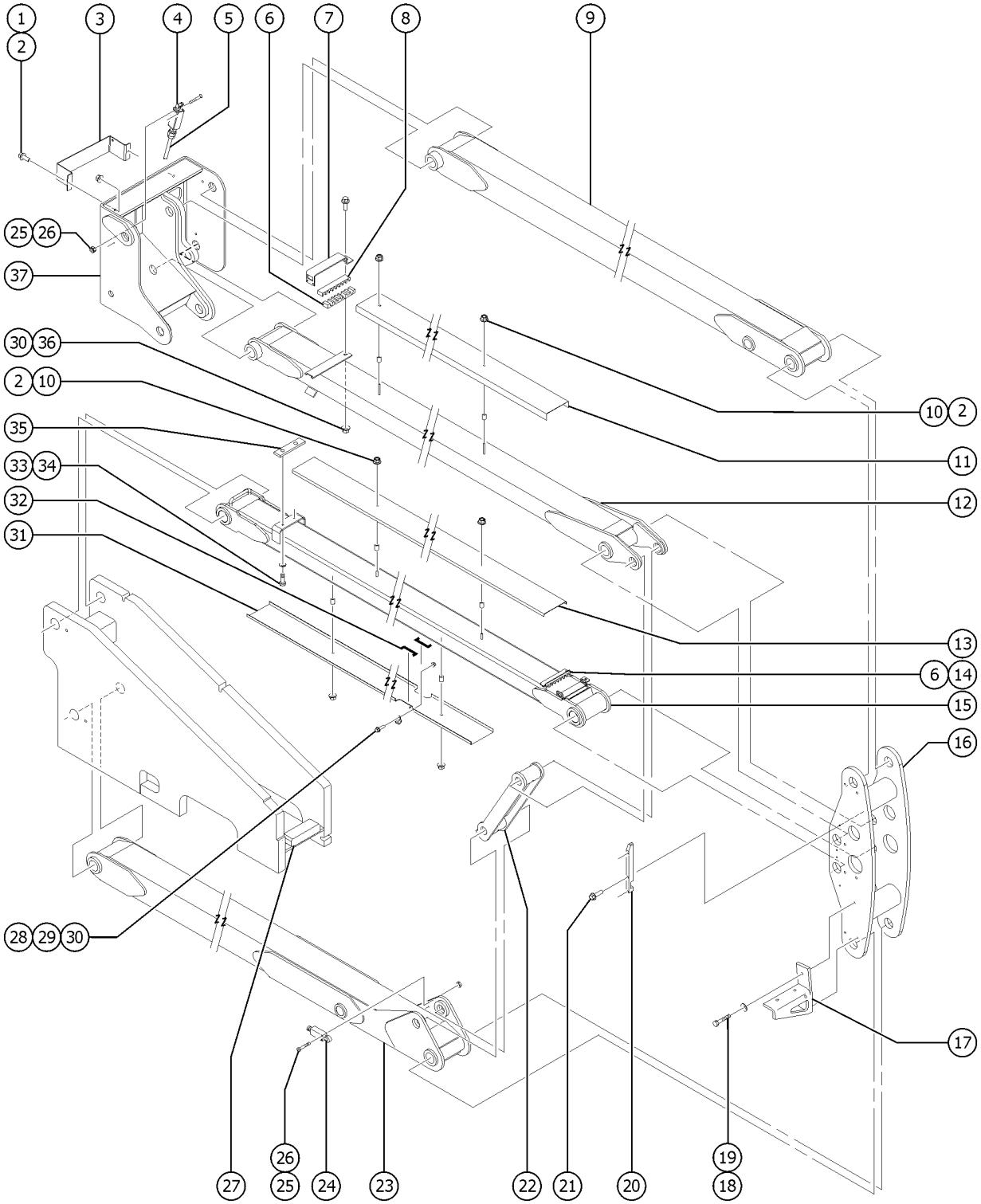
502.2 Boom Linkage, Z-45/25J (to SN 60902)



502.2 Boom Linkage, Z-45/25J (to SN 60902)

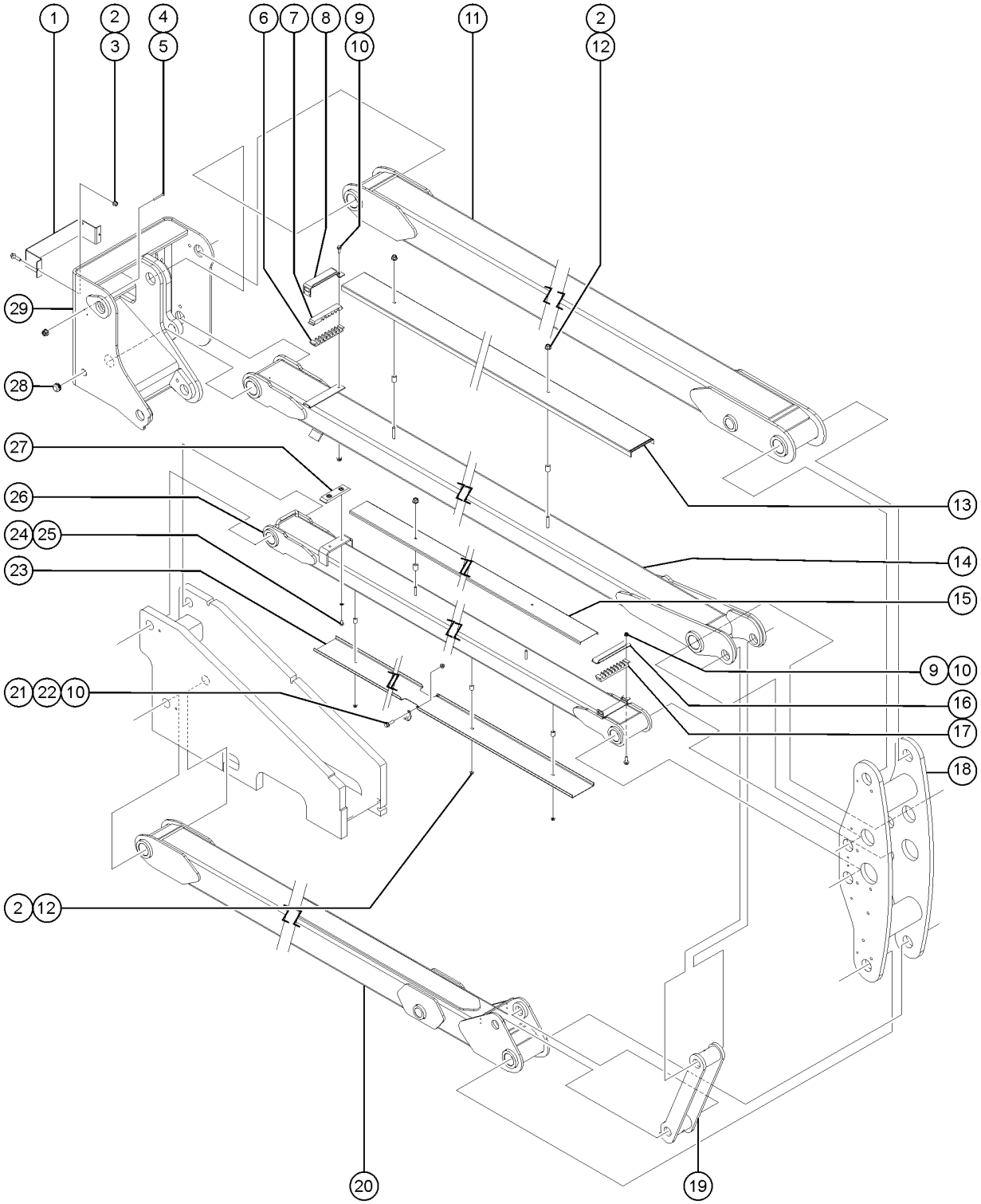
Item	Part No.	Description	Qty.
1	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	2
2A	824029GT	NUT, TL FLG, 3/8-16, G, ZAG to SN F-59120	11
2B	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG from SN F-59121	16
3	237688GT	COVER, UPPER PIVOT	1
4	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
4-	106427GT	LS ROT.HEAD W/O 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	42941GT	HOSE,3/8",FUEL,30R7 cut to 0.75 inch; Qty. 9	1 inch
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*** (decal not included, refer to section 100)	1
17	50952-SGT	BOOM REST WELDMENT Z-45/25J	1
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*** Z-45/25J	1
21B	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG Z-45/25J	3
21C	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG Z-45/25J	3
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 (to SN 60902)



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 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-	824038GT	NUT, TL JAM, 3/8-16, A, ZAG	2
28	1256855	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 to SN F-59120	4
30B	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG from SN F-59121	4
31	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1
32	1697GT	TRIMLOCK,BLACK,3/16 cut to 4 inches	8 inches
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)	

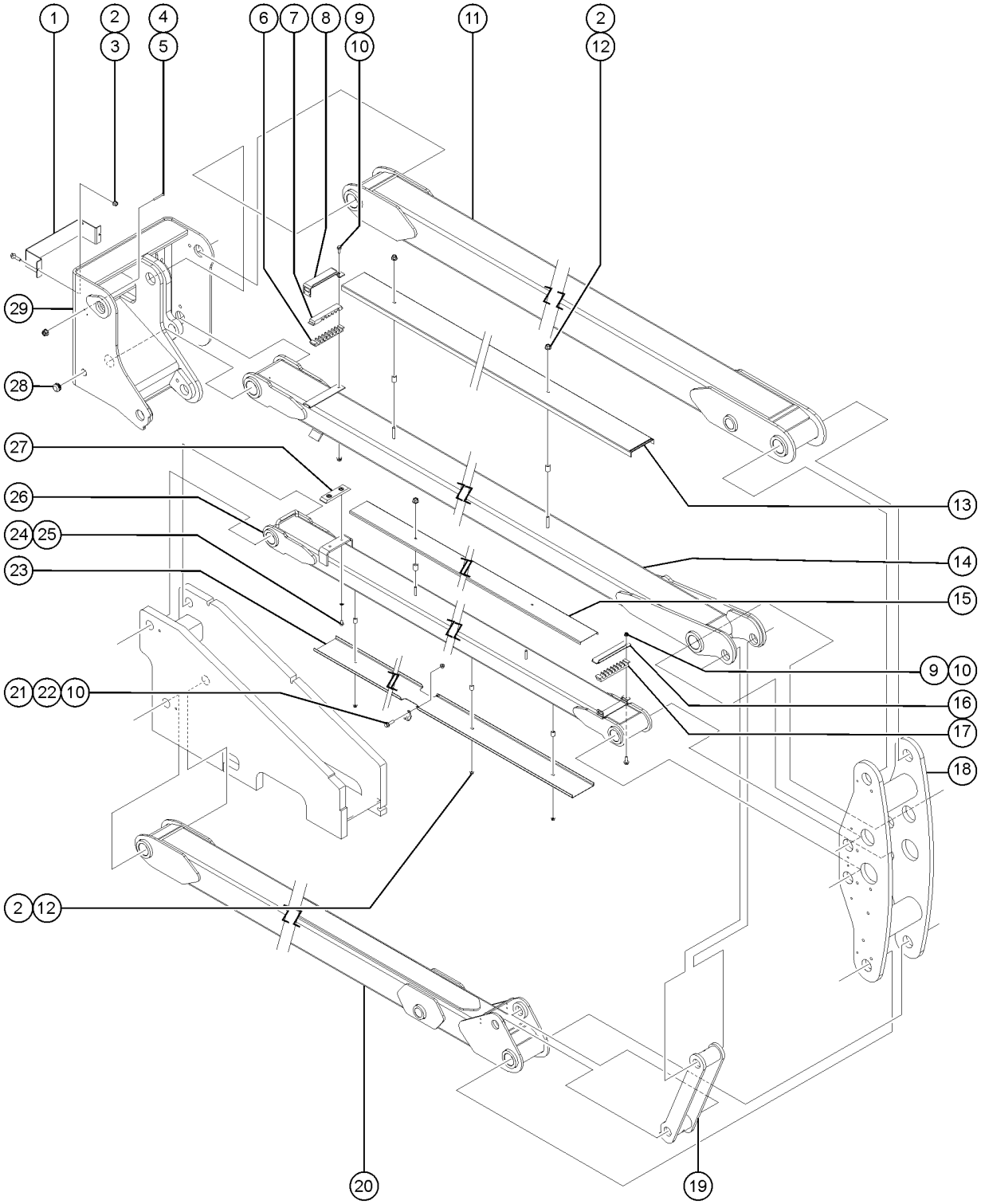
502.3 Boom Linkage (from SN 60903)



502.3 Boom Linkage (from SN 60903)

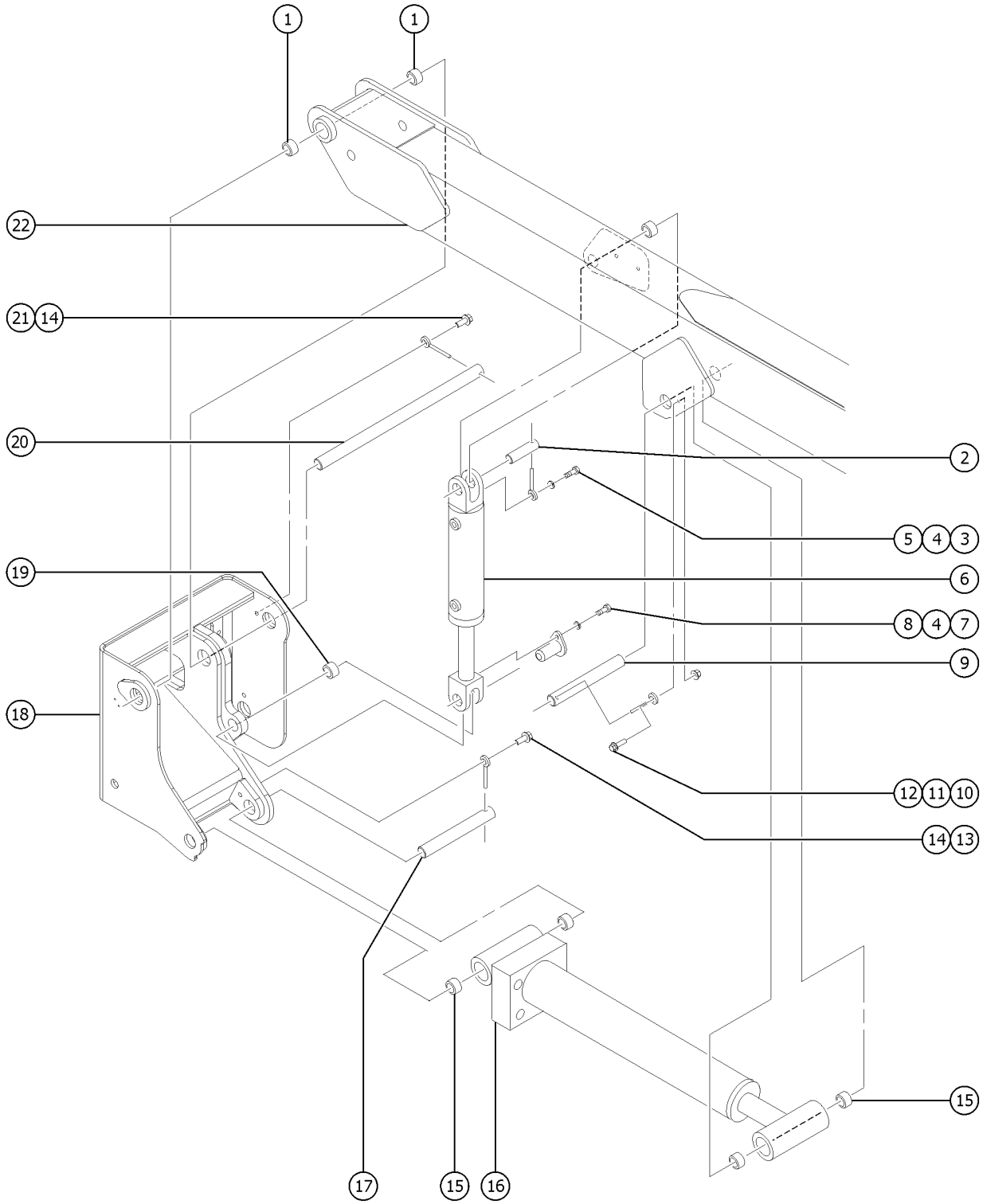
Item	Part No.	Description	Qty.
1	237688GT	COVER, UPPER PIVOT	1
2	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
3	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	2
4	1256177GT	SCREW,PHPM,10-32X1.75,ZAG	4
5	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	4
6	94529GT	CLAMPING BLOCK,HOSE***	1
7	128998GT	CLAMPING BLOCK, CABLE, Z45/51	1
8	94531GT	BRACKET,HOSE CLAMP***	1
9	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
10	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
11	823877GT	UPPER SECONDARY ARM ASSY Includes Bearing	1
12	42941GT	HOSE,3/8",FUEL,30R7 cut into 0.75 inche pieces, Qty. 10	8 inches
13	88370GT	HOSE COVER,UPPER ARM	1
14	1272735GT	UPPER LEVEL ARM ASSY Includes Bearing	1
15	50517GT	HOSE COVER,LOWER LEVEL,TOP	1
16	120092GT	BAR,HOSE CLAMP	1
17	1285590GT	CLAMPING BLOCK, HOSE	1
18	1272736GT	WELDMENT,MID PIVOT,MACHINED	1
19	1272737GT	CONNECTING LINK,MACHINED	1
20	1270442GT	LOWER SECONDARY ARM ASSY Includes Bearing	1
21	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	2
22	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	2
23	50548GT	HOSE COVER,LOWER LEVEL,BTM***	1
24	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	2
25	824110GT	WASHER, LOCK, 3/8, ZAG	2
26	1287148GT	LOWER LEVER ARM SERVICE ASSY Includes Bearing	1
27	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	1

502.3 Boom Linkage (from SN 60903)



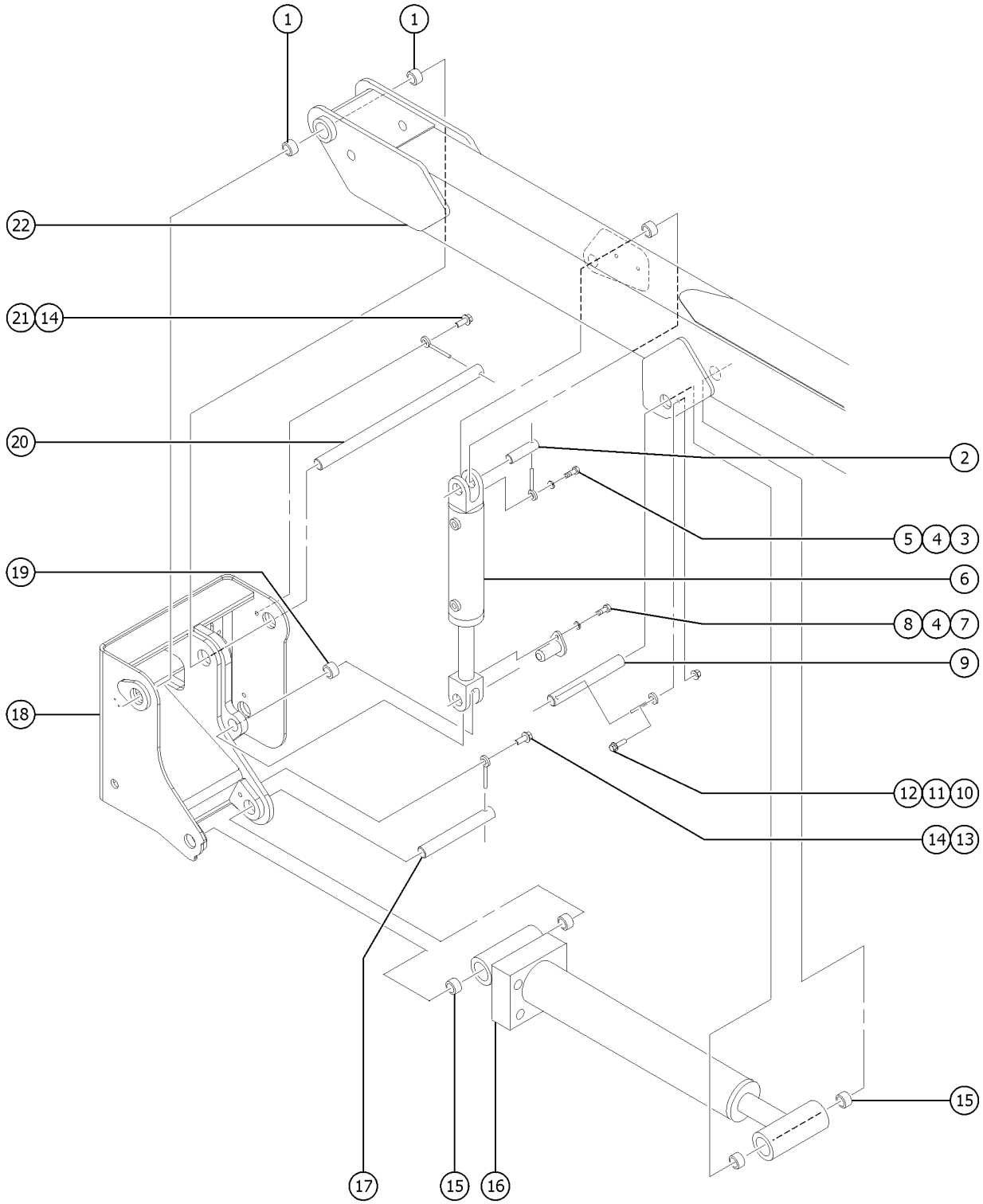
Item	Part No.	Description	Qty.
28	55753GT	BUMPER, PLASTIC, 1.25 O.D.	1
29	70589GT	UPPER PIVOT,MACHINING***	1

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, 3/8-16 X 1, 8, ZAG	
4	824110GT	WASHER, LOCK, 3/8, ZAG	
5	1255452GT	ROD END,.375 X 2.25,ZAG	1
6	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
6-	77364GT	SEAL KIT, LEVELING CYLINDER	
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, 3/8-16 X 1.5, 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	BUSHING,POLYGON,BM5120	4
16A	1263056GT	CYLINDER,PRIM LIFT NON JIB,Z45 Z-45/25 (includes item 15)	1
17	1263057GT	CYLINDER,PRIM LIFT JIB,Z45	1
17-	77189GT	SEAL KIT,CYL,Z45 (77187&77188) for 77188, 1263057	1
17-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for 77188, 1263057	2
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)	

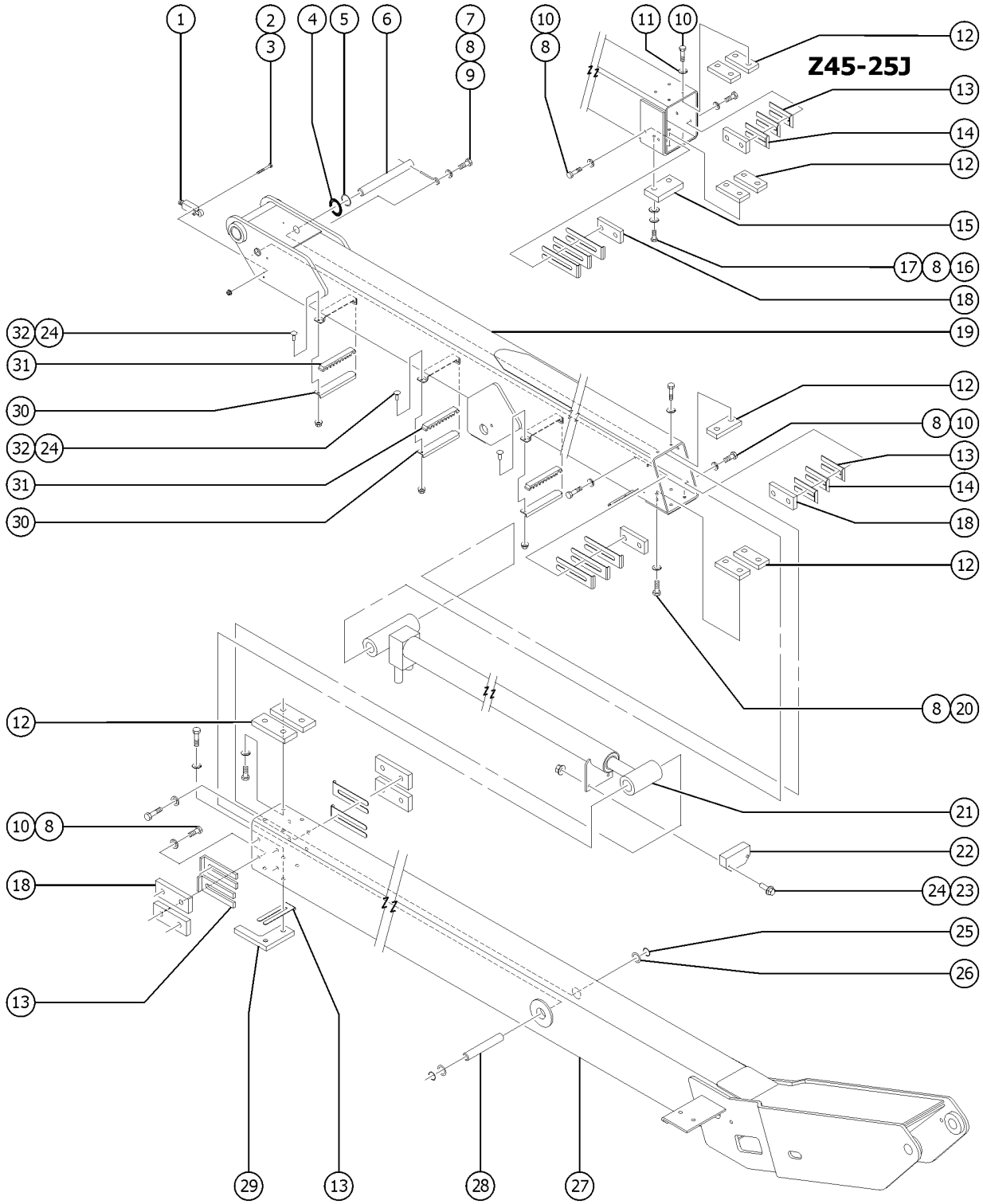
503.2 Upper Pivot Components, Z-45/25J



503.2 Upper Pivot Components, Z-45/25J

Item	Part No.	Description	Qty.
1	18720GT	BEARING,2.0IDX2.25ODX1.50L	2
2	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
3	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	
4	824110GT	WASHER, LOCK, 3/8, ZAG	
5	1255452GT	ROD END,.375 X 2.25,ZAG	1
6	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
6-	77364GT	SEAL KIT, LEVELING CYLINDER	
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, 3/8-16 X 1.5, 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	BUSHING,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,2.00DIAX24.00LG,CHAMFER***	1
21	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	
22		Ref. Primary and Extension Booms (refer to 504.1)	

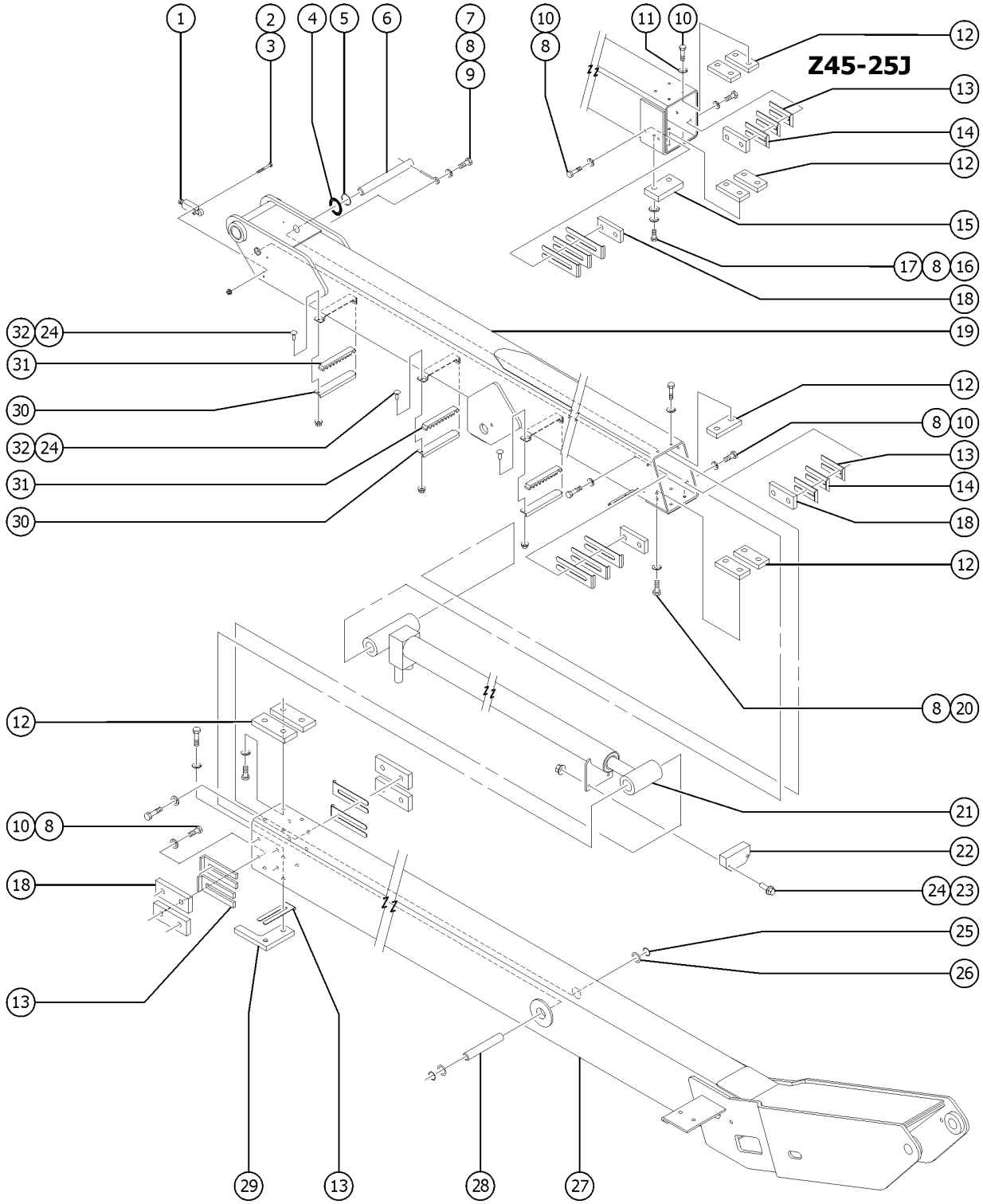
504.1 Primary and Extension Booms (to SN 59508), Z-45/25



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 inches
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,1.25DIAX9.38LG,THREADED	4
7	824068GT	SCREW, HHC, 3/8-16 X 1.25, 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,USS,1/4,ZAG	4
12	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS Z-45/25 non Jib	7
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	128603GTSB	WELDMENT, PRIMARY BOOM, Z45NJ, SUNBELT Z-45/25 non Jib, bearings and word decals included	1
20	824068GT	SCREW, HHC, 3/8-16 X 1.25, 8, ZAG	4
21A	54570GT	CYLINDER,EXTEND,Z45 NON JIB Z-45/25 non Jib	1
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

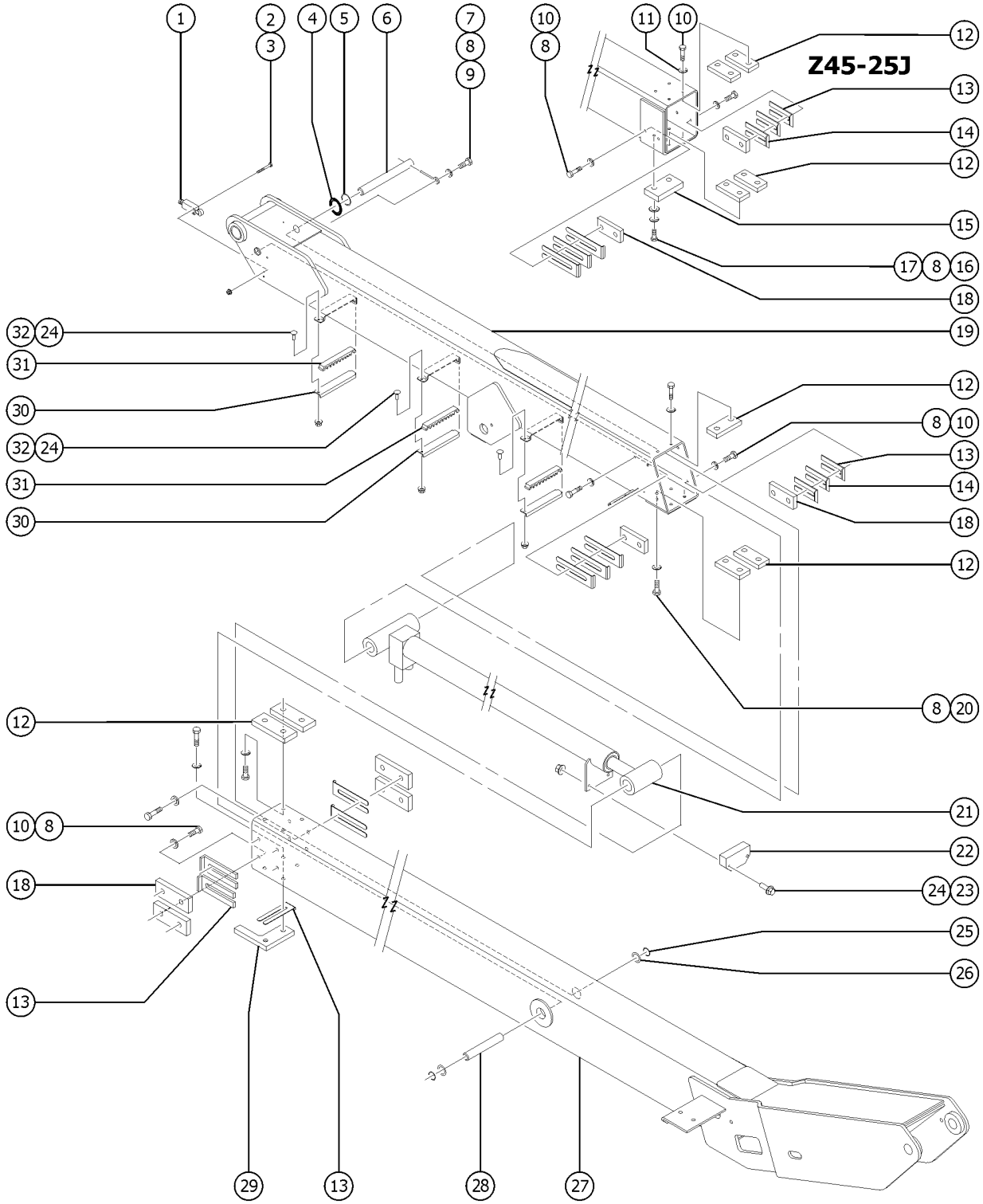
504.1 Primary and Extension Booms (to SN 59508), Z-45/25



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

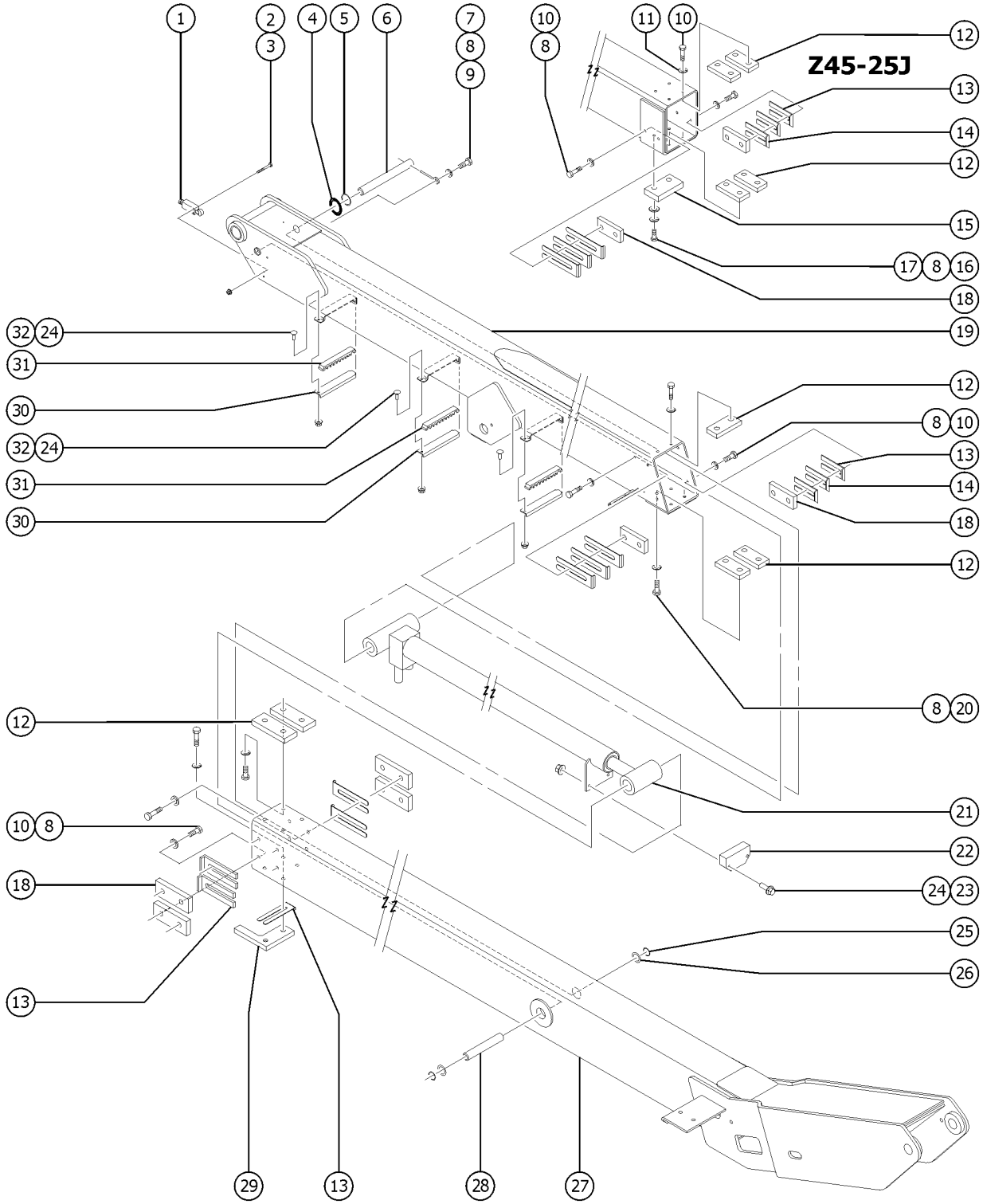
Item	Part No.	Description	Qty.
23A	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG	2
24	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
25	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	2
26A	824151GT	WASHER,SHIM,1.270X2.130X.062,Z	2
27A	128605GT	WELDMENT, EXT. BOOM,Z45 NJ Z-45/25 non Jib (shown)	1
28	50546GT	PIN,1.25DIAX6.36LG,2RING	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	3

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 inches
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, 3/8-16 X 1.25, 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,USS,1/4,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 5.5X3X1 Z-45/25J	1
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, 3/8-16 X 1.25, 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	

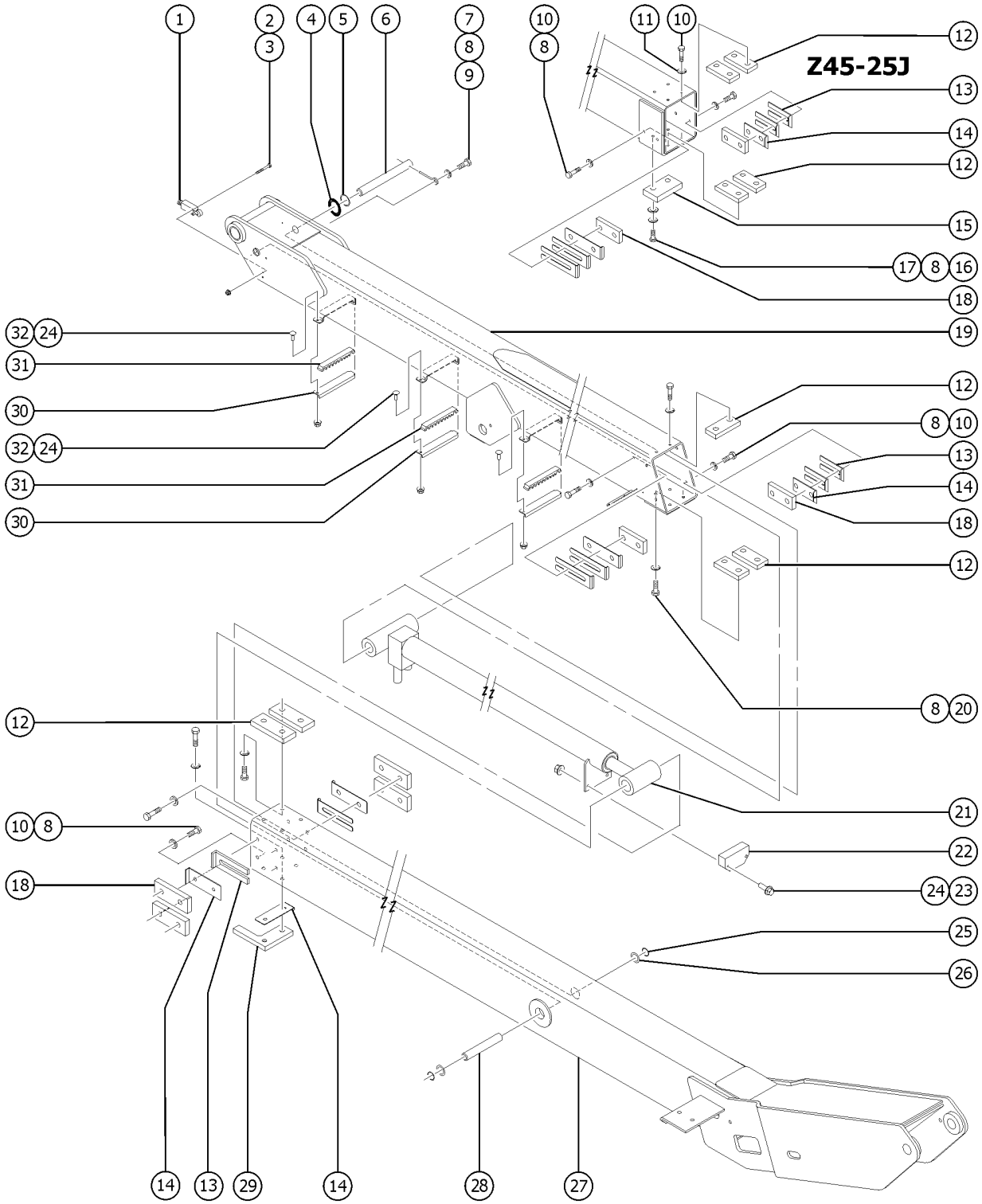
504.2 Primary and Extension Booms (to SN 59508), Z-45/25J



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

Item	Part No.	Description	Qty.
21B-	43018GT	SEAL KIT (39345) for 54063	
22	50698GT	WEAR PAD,EXTENSION CYLINDER	1
23A	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG	2
23B	824063GT	SCREW,HHC,1/4-20X1.75,8,ZAG Z-45/25J	2
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 Z-45/25J	4
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",GR 5,ZAG Z-45/25J	3

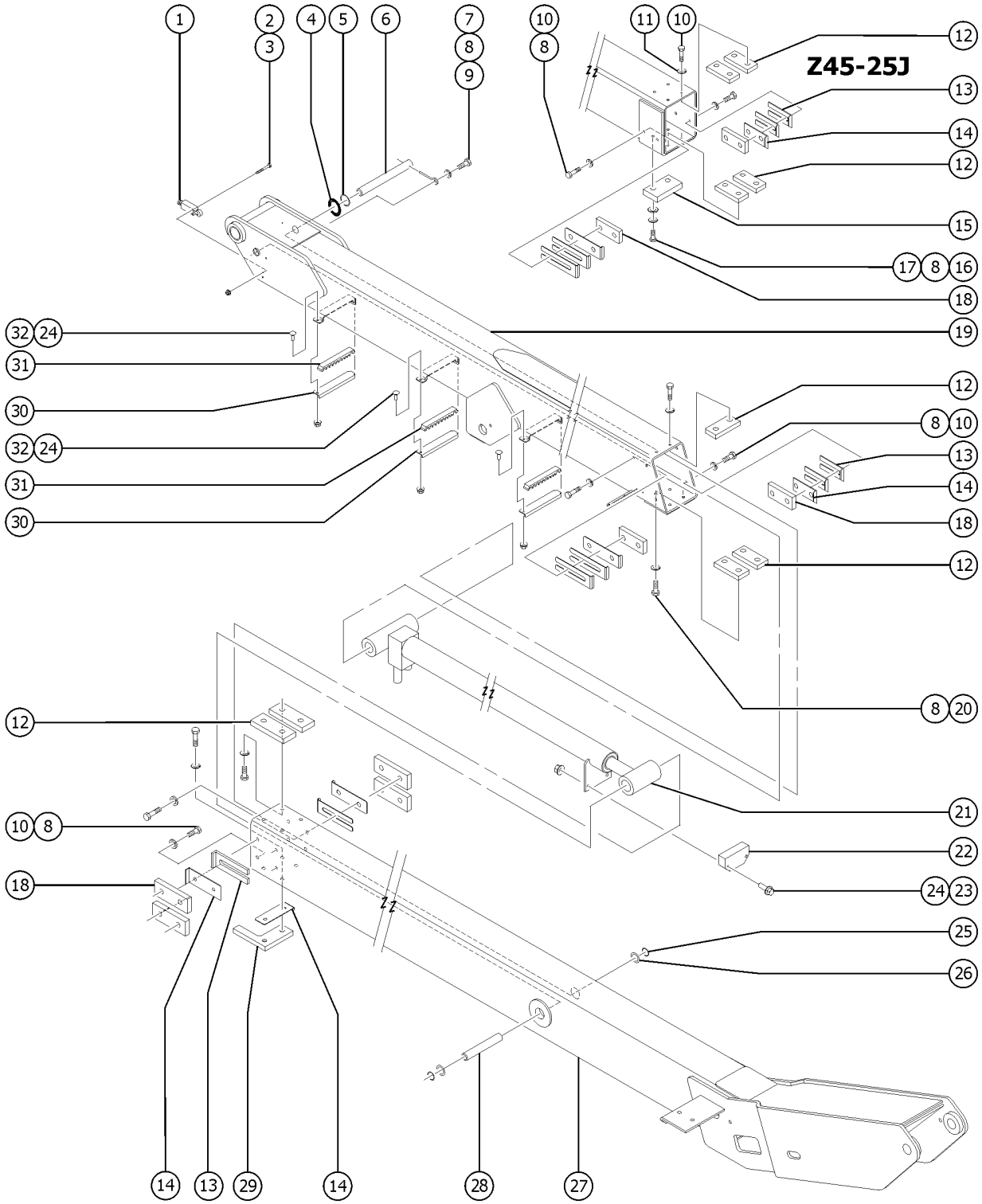
504.3 Primary and Extension Booms (from SN 59509), Z-45/25



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 inches
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, 3/8-16 X 1.25, 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,USS,1/4,ZAG	4
12	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS Z-45/25 non Jib	7
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	128603GTSB	WELDMENT, PRIMARY BOOM, Z45NJ, SUNBELT Z-45/25 non Jib, bearings and word decals included	1
20	824068GT	SCREW, HHC, 3/8-16 X 1.25, 8, ZAG	4
21A	54570GT	CYLINDER,EXTEND,Z45 NON JIB Z-45/25 non Jib	1
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

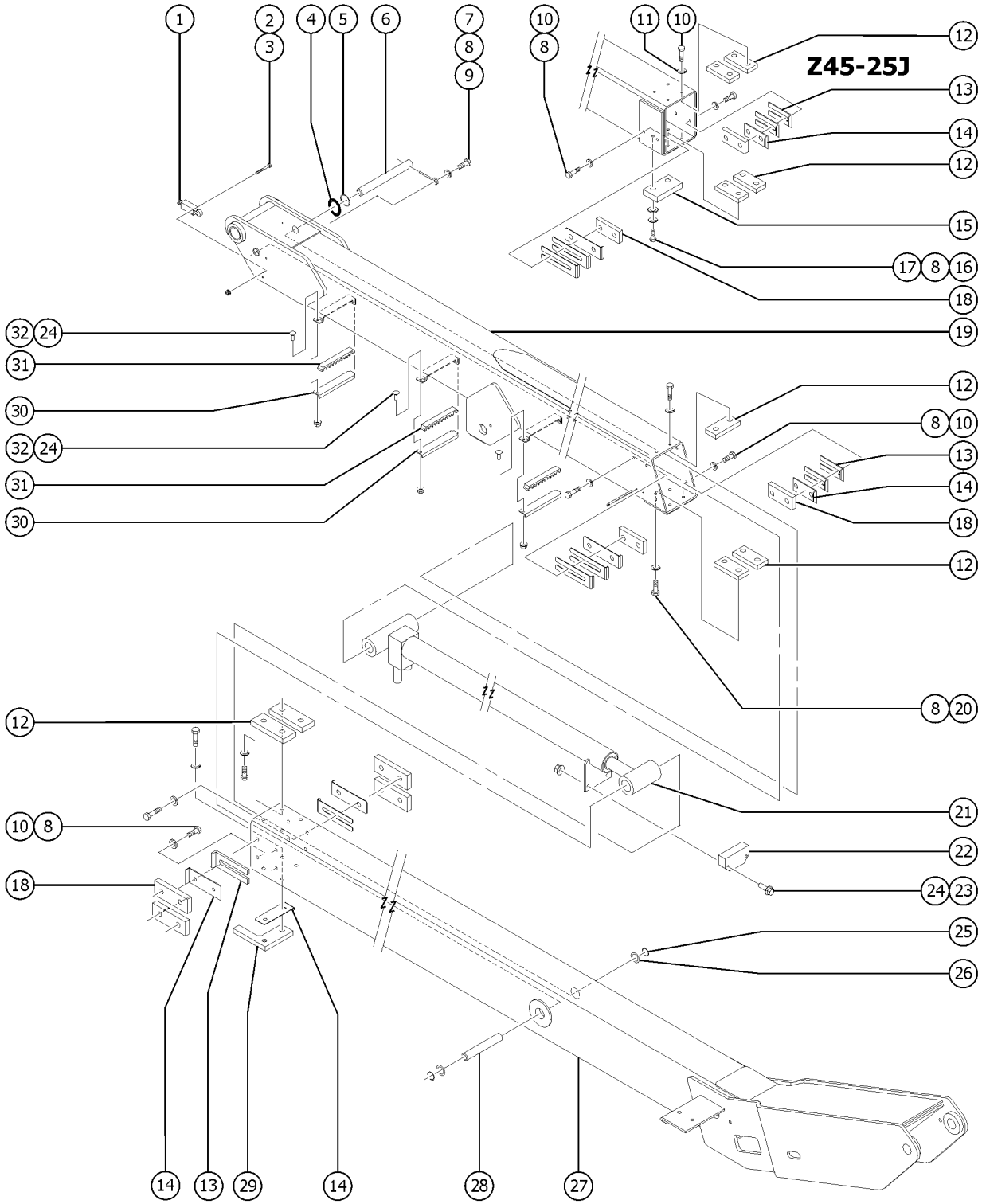
504.3 Primary and Extension Booms (from SN 59509), Z-45/25



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

Item	Part No.	Description	Qty.
23A	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG	2
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

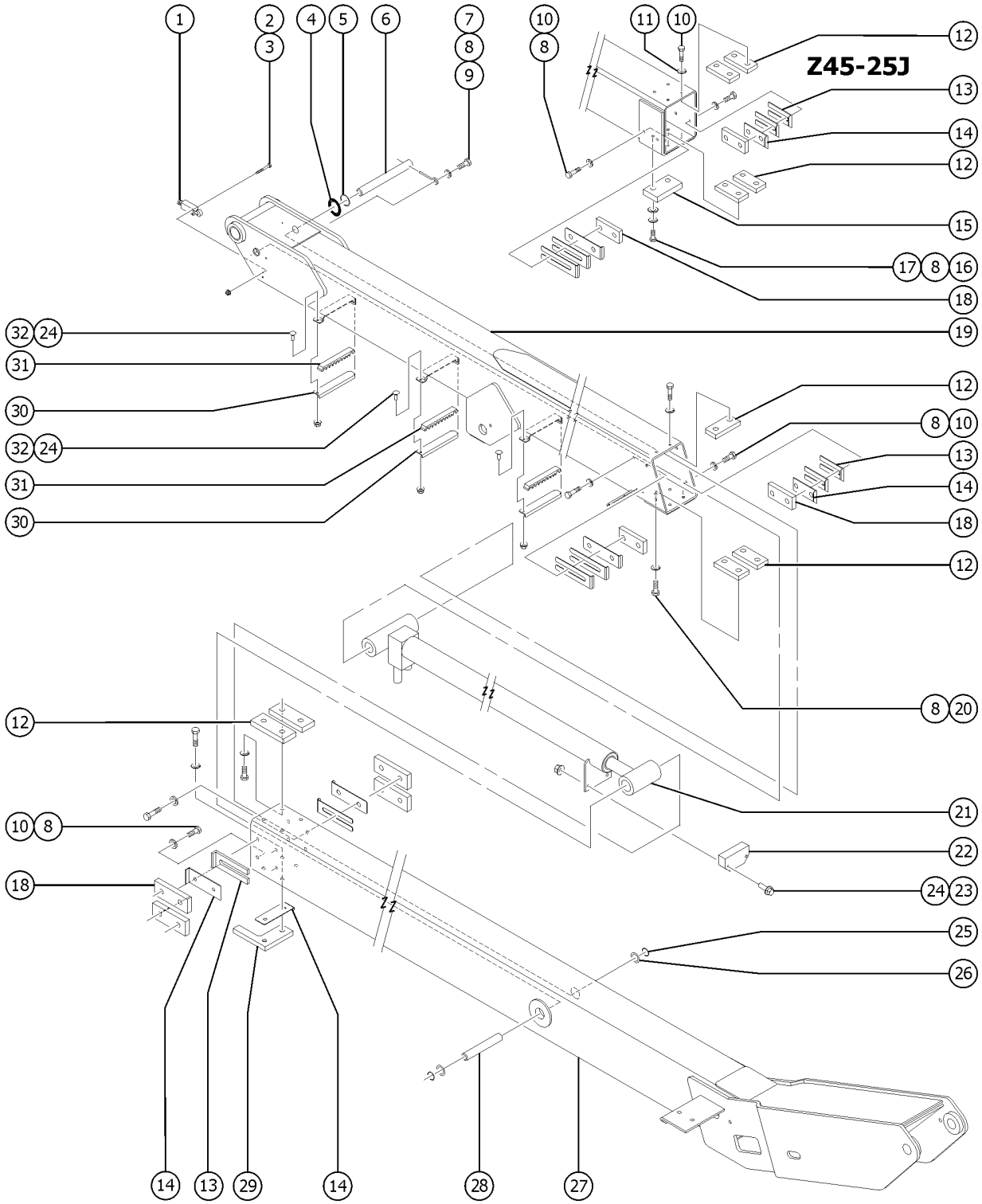
504.4 Primary and Extension Booms (from SN 59509), Z-45/25J



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 inches
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,1.25DIAX9.38LG,THREADED	4
7	824068GT	SCREW, HHC, 3/8-16 X 1.25, 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,USS,1/4,ZAG	4
12	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS Z-45/25 non Jib	7
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 5.5X3X1 Z-45/25J	1
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, 3/8-16 X 1.25, 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	

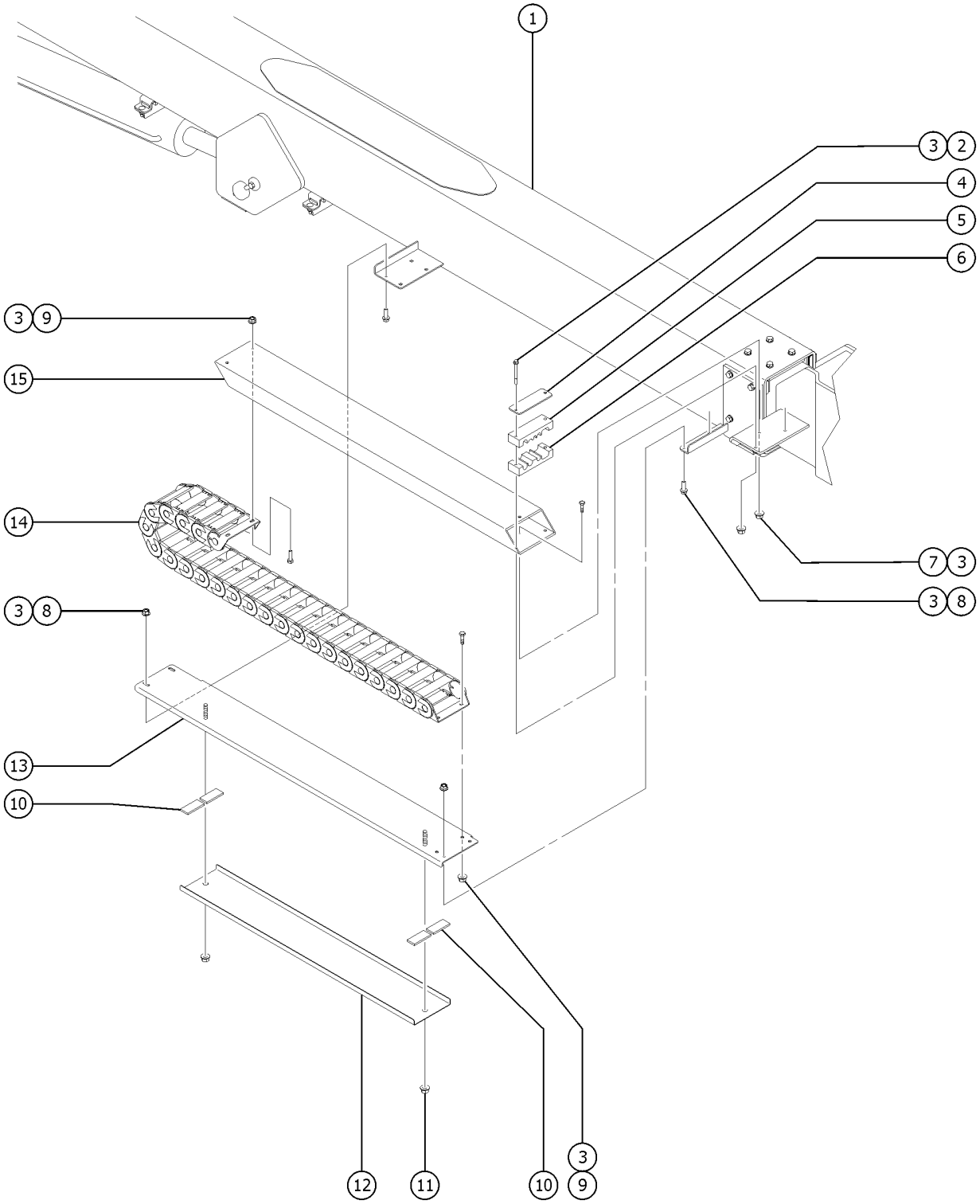
504.4 Primary and Extension Booms (from SN 59509), Z-45/25J



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

Item	Part No.	Description	Qty.
21B-	43018GT	SEAL KIT (39345) for 54063	
22	50698GT	WEAR PAD,EXTENSION CYLINDER	1
23B	824063GT	SCREW,HHC,1/4-20X1.75,8,ZAG Z-45/25J	2
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 Z-45/25J	4
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",GR 5,ZAG Z-45/25J	3

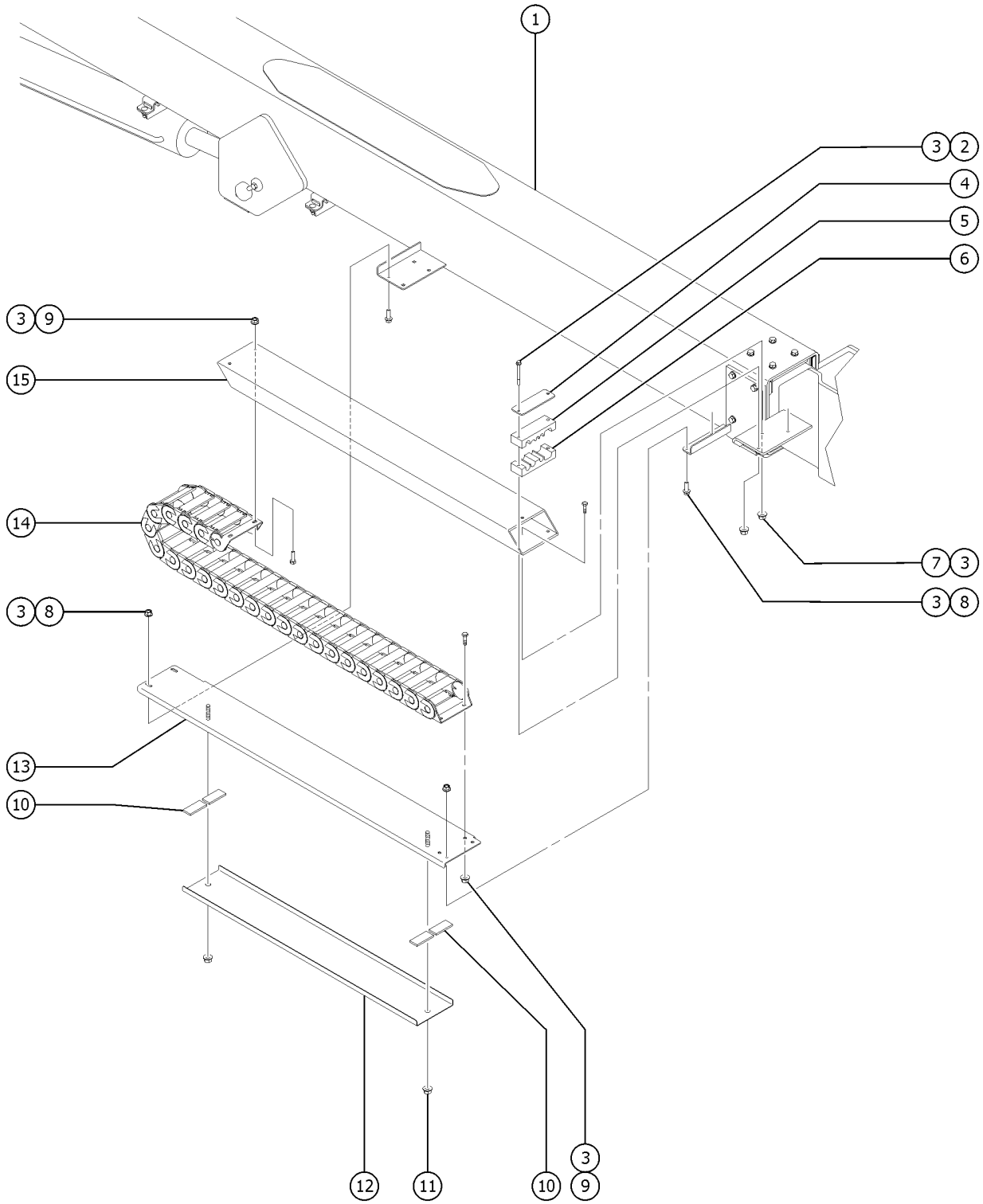
505.1 Cable Track, Z-45/25



505.1 Cable Track, Z-45/25

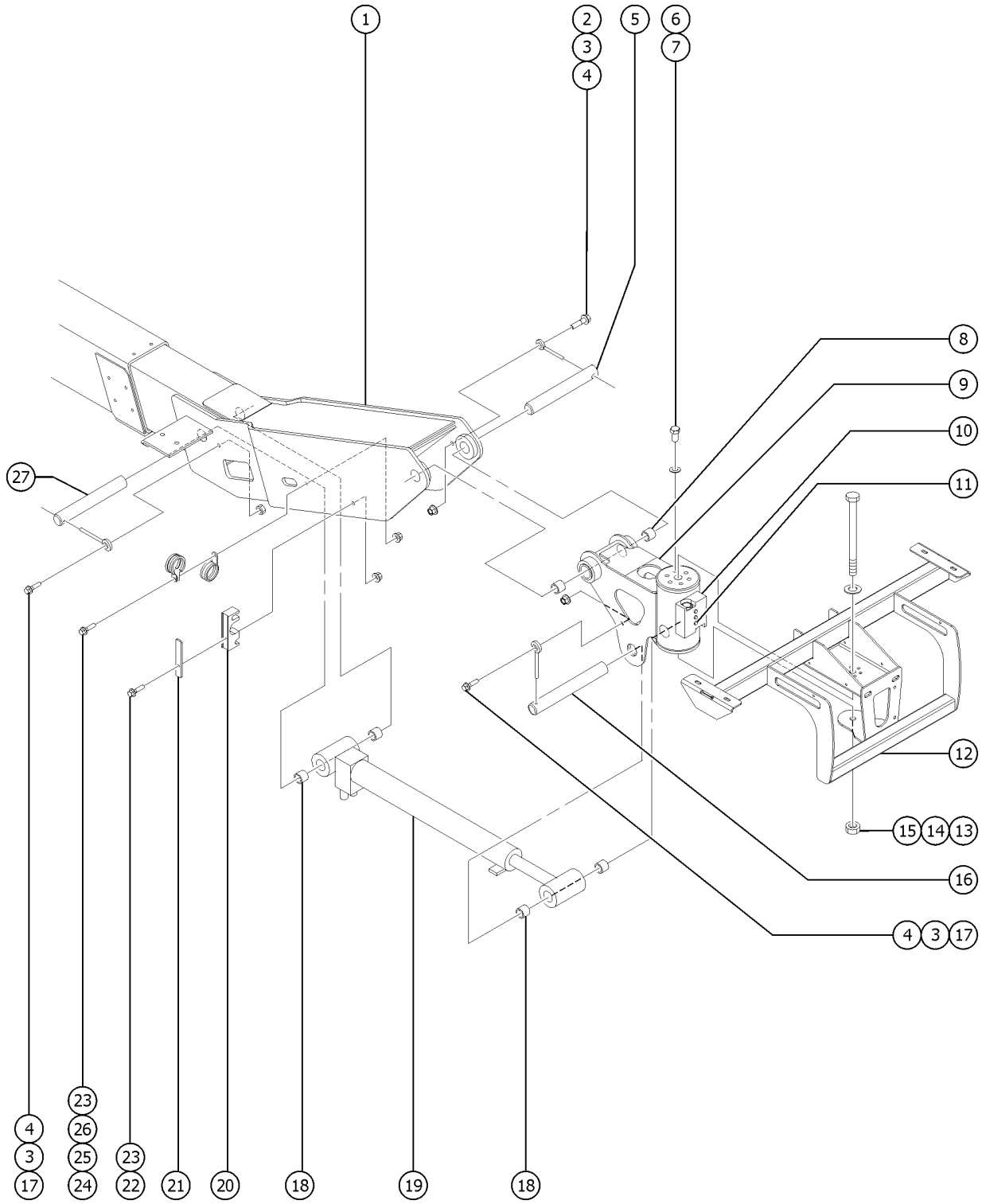
Item	Part No.	Description	Qty.
1		Ref. Primary and Extension Booms (refer to 504.1)	
2A	1256803GT	SCREW,HHC,1/4-20X2.75,8,ZAG Z-45/25	2
3	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	11
4	128862GT	BACKING PLATE, PULLTUBE	1
5	128310GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
6	128311GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
7A	824079GT	SCREW,HHF,1/4-20X1,8,ZAG Z-45/25	1
8	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	4
9	824059GT	SCREW, HHC, 1/4-20 X .75, 8, ZAG	4
10	54271GT	SPACER,HOSE CLAMP,RUBBER	4
11	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	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



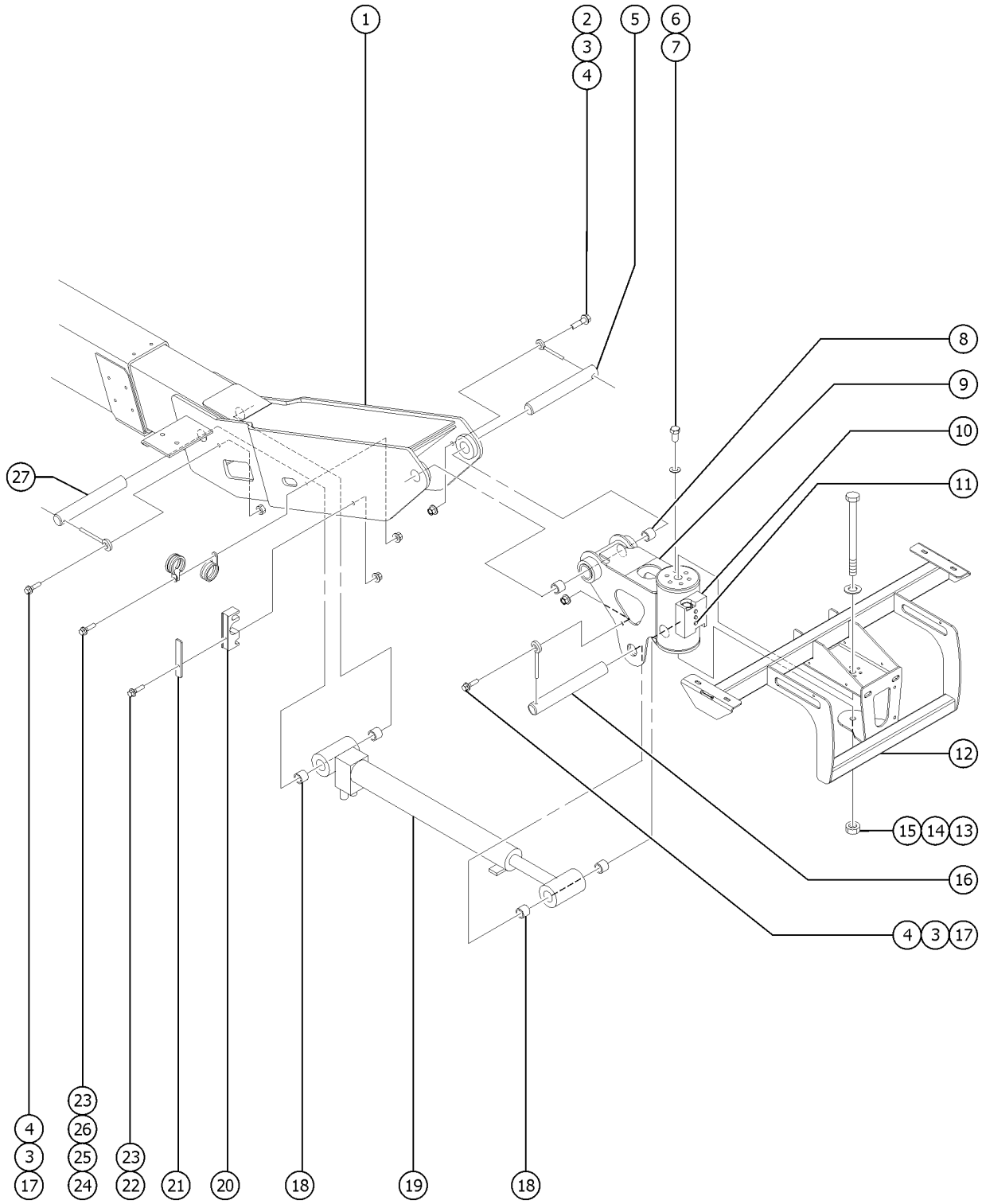
Item	Part No.	Description	Qty.
1		Ref. Primary and Extension Booms (refer to 504.1)	
2B	1256803GT	SCREW,HHC,1/4-20X2.75,8,ZAG Z-45/25J	2
3	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	11
4	128862GT	BACKING PLATE, PULLTUBE	1
5	128310GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
6	128311GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
7B	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG Z-45/25J	1
8	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	4
9	824059GT	SCREW, HHC, 1/4-20 X .75, 8, ZAG	4
10	54271GT	SPACER,HOSE CLAMP,RUBBER	4
11	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	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



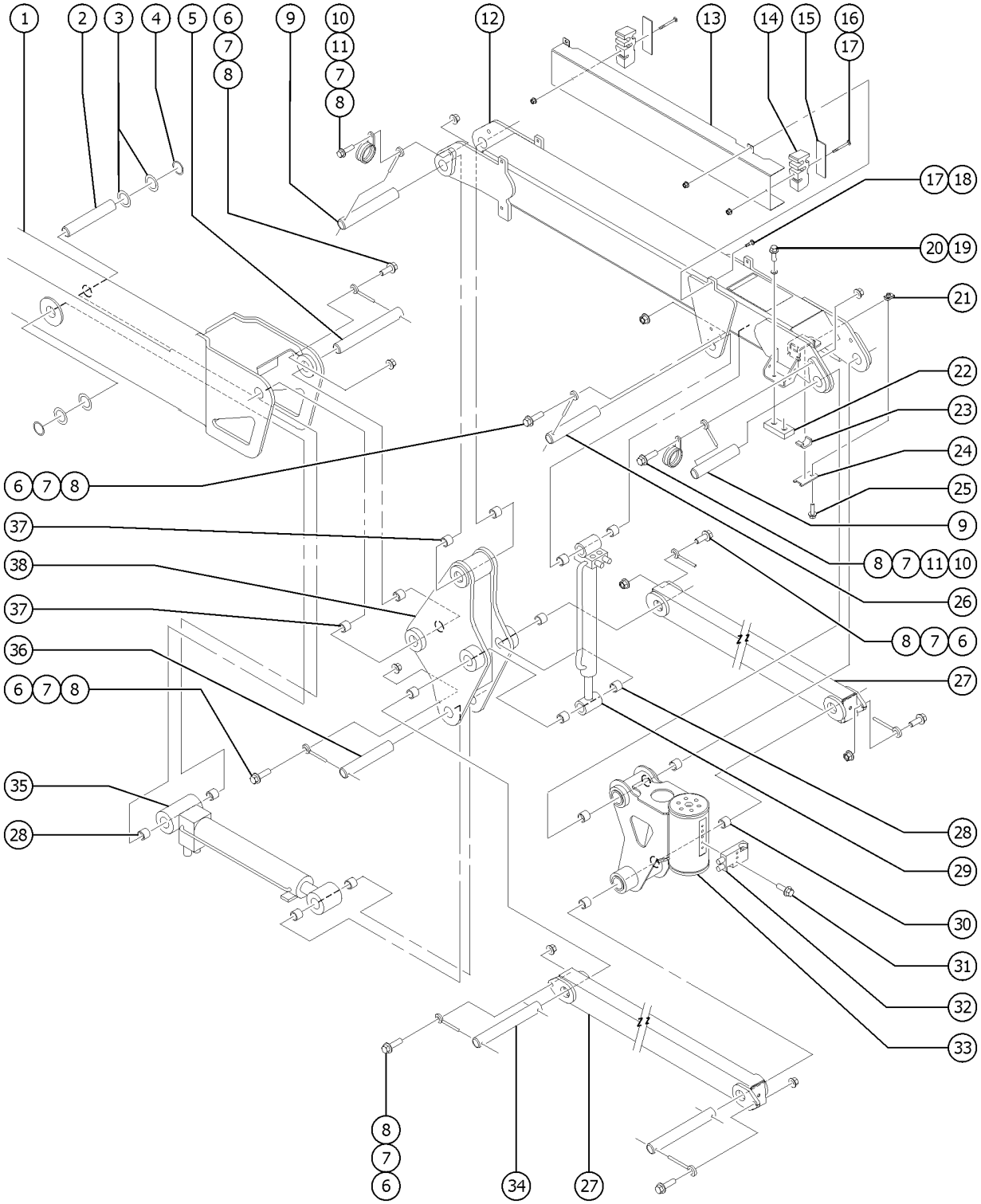
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1		Ref. Primary Extension Boom (refer to 504.1)	
2	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	1
3	825019GT	ROD END, .375X3.69, ZAG	3
4	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	3
5	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
6	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	6
7	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG	6
8	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	2
9	233716GT	ROTATOR,PLAT,Z45 non-jib units	1
9-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR	
10		Ref. Counterbalance Manifold (refer to 704.1)	
11	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	3
12	54520-SGT	WELDMNT,PLATFRM SUPPORT,NJIB**	1
13	1257458GT	NUT,TL,3/4-10,C,ZAGG	1
14	1256863GT	WASHER,FLAT,.75,F436,HRD,ZAG to SN Z4525F-61682	1
15	1273205GT	SCREW,HHC,3/4-10X9.5,8,ZAG	1
16	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
17	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2
18	25683GT	BEARING,POLYGON,20DU12	4
19	77363GT	CYLINDER,LEVELING,BELLCRANK,Z-45	1
19-	43018GT	SEAL KIT (39345) for 54065	
19-	54065GT	VALVE,COUNTERBALANCE,3500*** for 77363	
19-	77364GT	SEAL KIT, LEVELING CYLINDER for 77363	
20	139687GT	CLAMP, #4 HOSE, AIR AND LOOM	1
21	139688GT	BRACKET, HOSE CLAMP SUPPORT	1
22	1256803GT	SCREW,HHC,1/4-20X2.75,8,ZAG	1

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



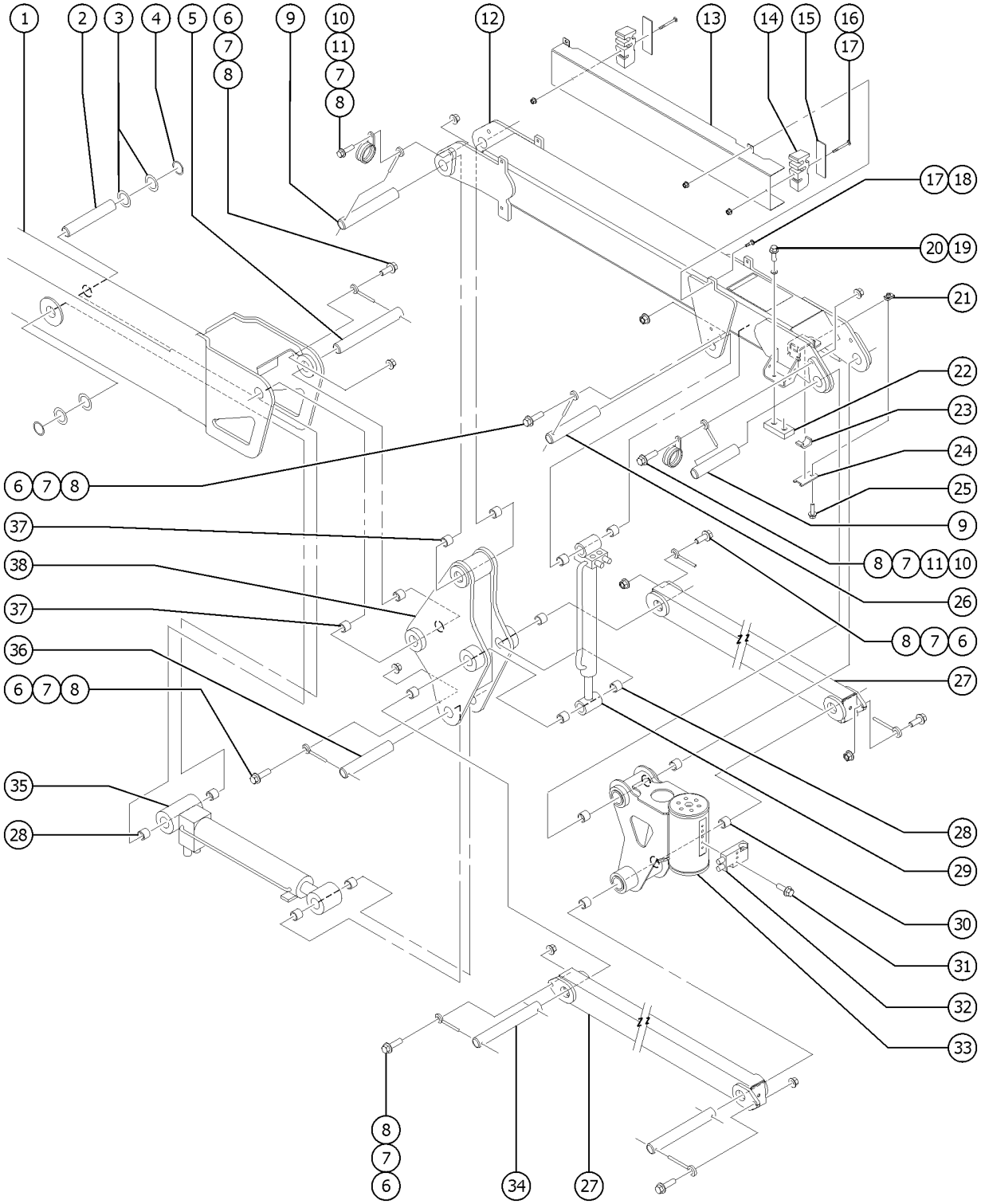
Item	Part No.	Description	Qty.
23	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	2
24	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
25	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	1
26	21619GT	CLAMP,1.50,#24 X 1/4,RUB CUSH	1
27	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1

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



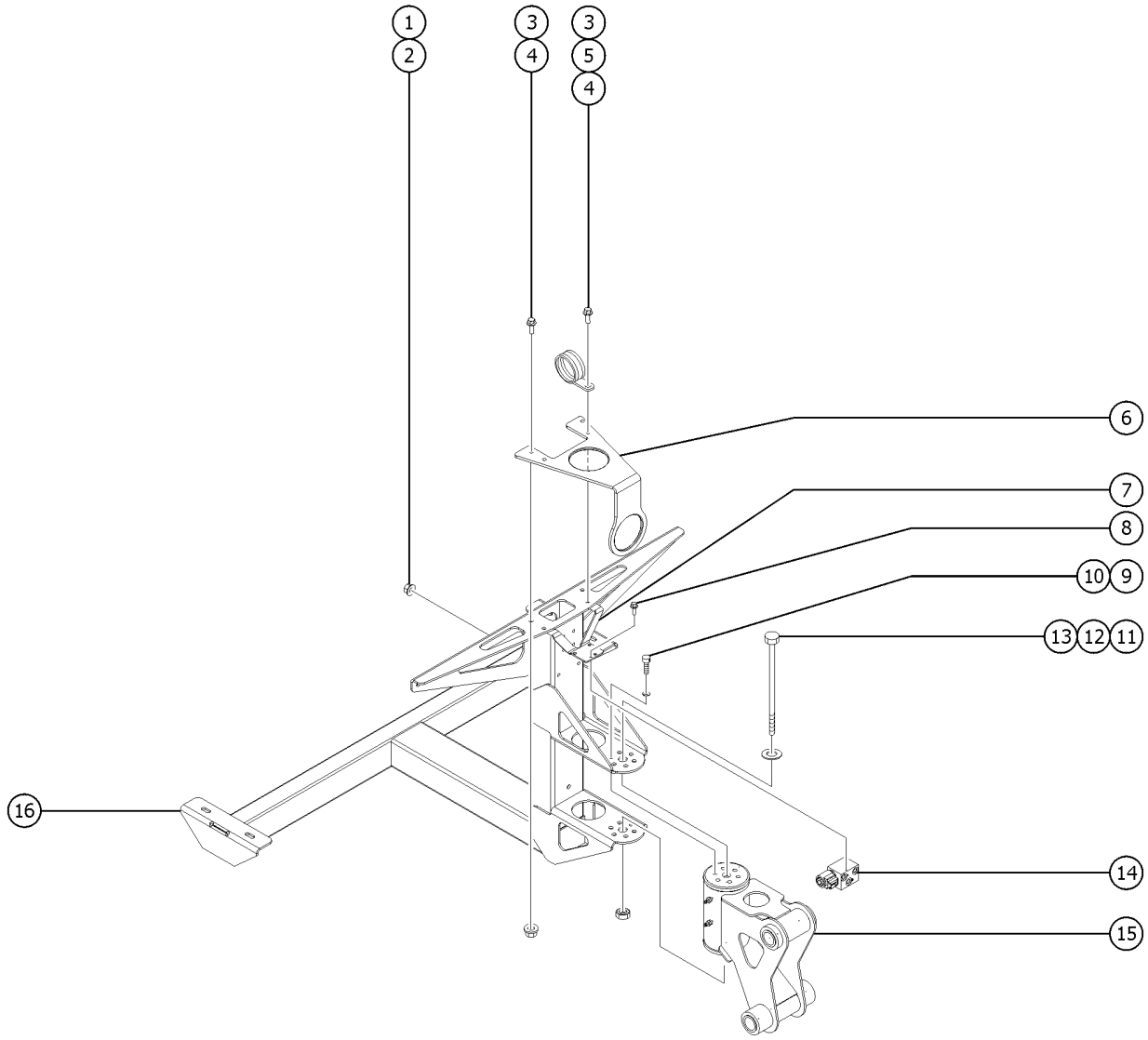
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1		Ref. Primary and Extension Booms (refer to 504.1)	
2	50546GT	PIN,1.25DIAX6.36LG,2RING	1
3	824151GT	WASHER,SHIM,1.270X2.130X.062,Z	4
4	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	2
5	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
6	824092GT	SCREW, HHF, 3/8-16 X 1.5, 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",GR 5,ZAG	4
19	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	2
20	824110GT	WASHER, LOCK, 3/8, ZAG	2
21	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	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 (arctic option)	1
24	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1

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

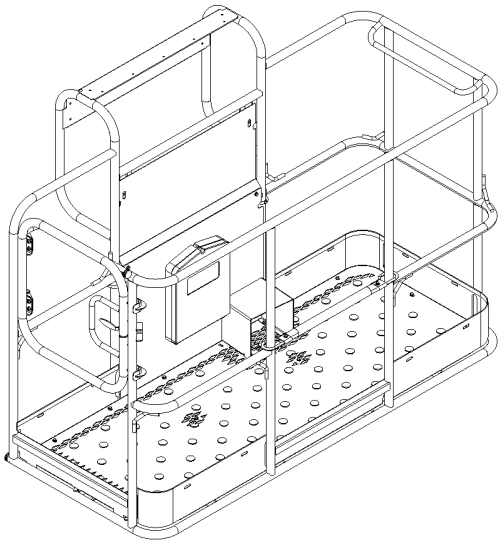


Item	Part No.	Description	Qty.
25	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	1
26	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1
27	61306-SGT	COMPR.LINK,MACHINED,GND CONTR* to SN Z4525F-60902	2
27-	1274511GT	MACHINING, COMPRESSION LINK from SN Z4525F-60903	
28	25683GT	BEARING,POLYGON,20DU12	4
29	54994GT	CYLINDER,JIB,Z45,#4 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, 1/4-20 X 1.5, 8, ZAG	4
32		Ref. Rotator Manifold (refer to 704.1)	
33		Ref. Platform Rotator (refer to 508.1)	1
34	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
35	77363GT	CYLINDER,LEVELING,BELLCRANK,Z-45	1
35-	43018GT	SEAL KIT (39345) for 50480 and 54065	
35-	54065GT	VALVE,COUNTERBALANCE,3500*** for 77363	
35-	77364GT	SEAL KIT, LEVELING CYLINDER 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

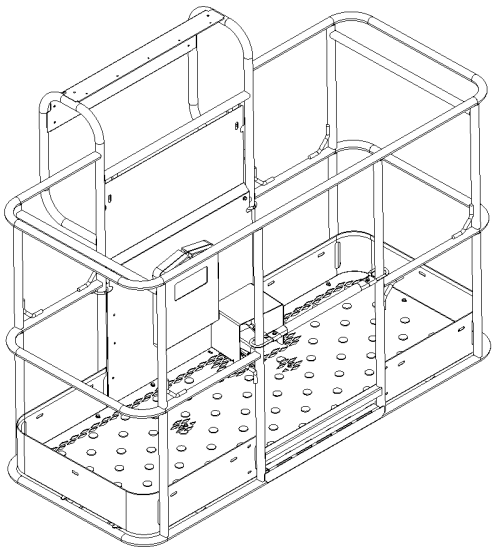
508.1 Platform Rotation and Support, Z-45/25J



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, 5/16-18 X 1.25, 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 order 55067 grommet separately	1
6-	55067GT	GROMMET,RUBBER 3 X .19 X 3.5	2
7	110671GT	PLATE,JIB,ROTATE MANIFOLD	1
8	824077GT	SCREW, HHF, 1/4-20 X .5, 8, ZAG	2
9	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	6
10	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG to SN Z4525F-61682	6
11	1273205GT	SCREW,HHC,3/4-10X9.5,8,ZAG	1
12	1256863GT	WASHER,FLAT,.75,F436,HRD,ZAG	1
13	1257458GT	NUT,TL,3/4-10,C,ZAGG	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 jib models	1
16B	61998GT	WELDMENT,PLATFORM SUPPORT jib models with platform overload option	



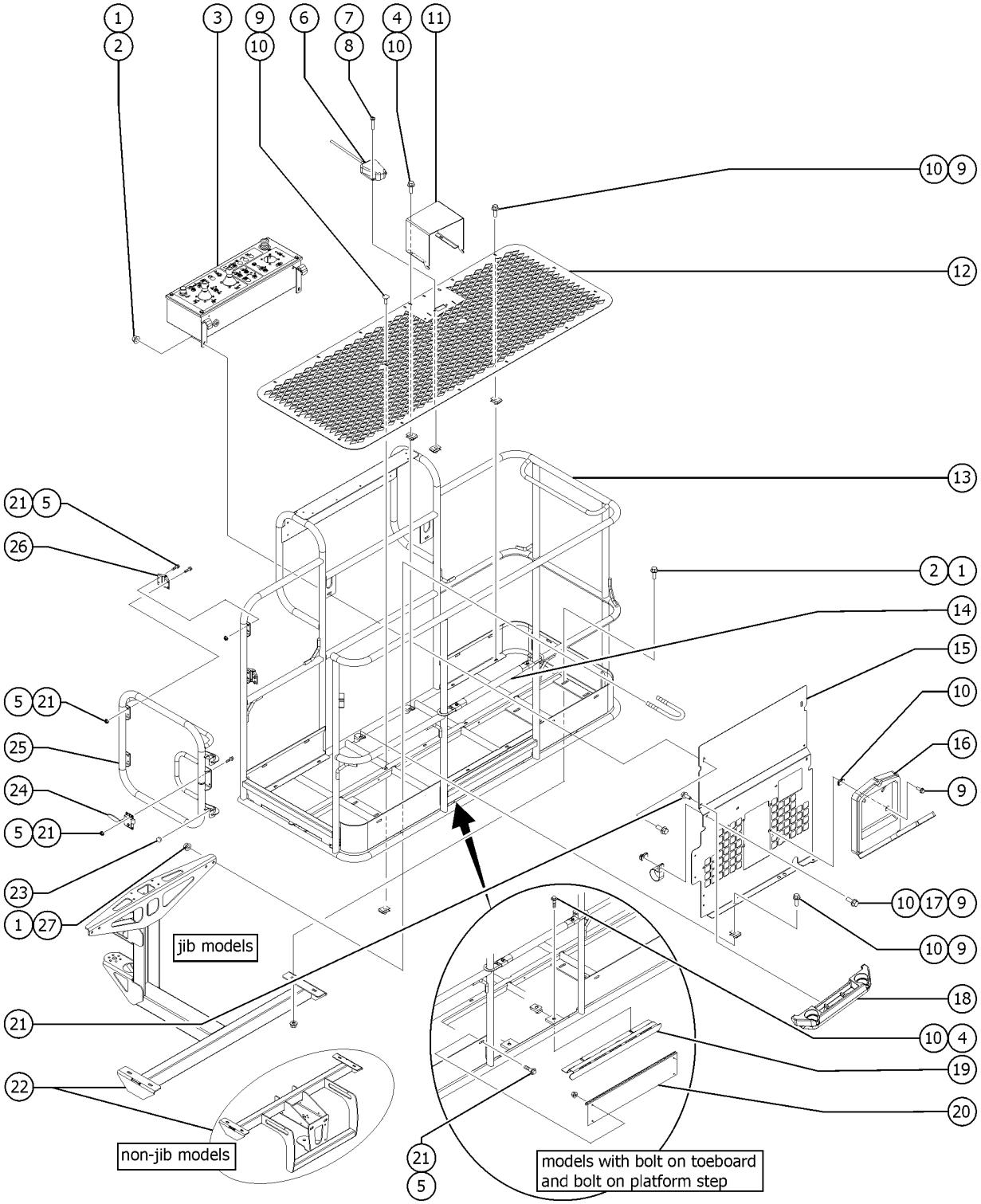
(1) Side Swing Gate Platform



(2) Front Single Entry Platform

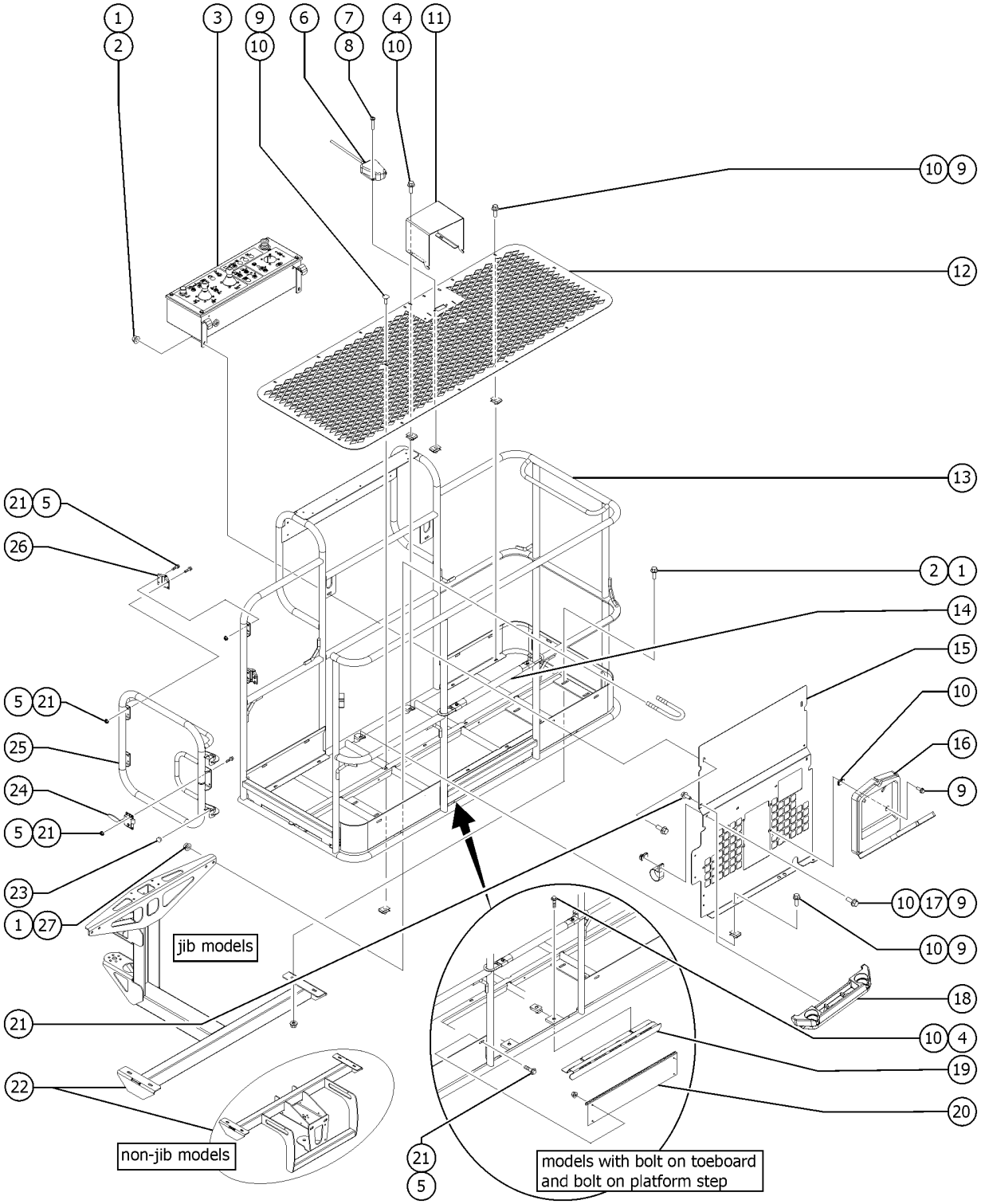
Item	*Part No.*	*Description*	*Qty.*
-		Complete Platform Assemblies with Decals	
A	1279140GT	PLAT ASSY,6' W/SIDE GATE,Z45IC/Z51 ANSI WORD USA and Canadian models	
B	1279141GT	PLAT ASSY,6’ W/SIDE GATE,Z45/51 AUS Australian models	
C	1279142GT	PLAT ASSY,6’ W/SIDE GATE,Z45/51 CE European models	
D	1279143GT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

602.1 Platform Components



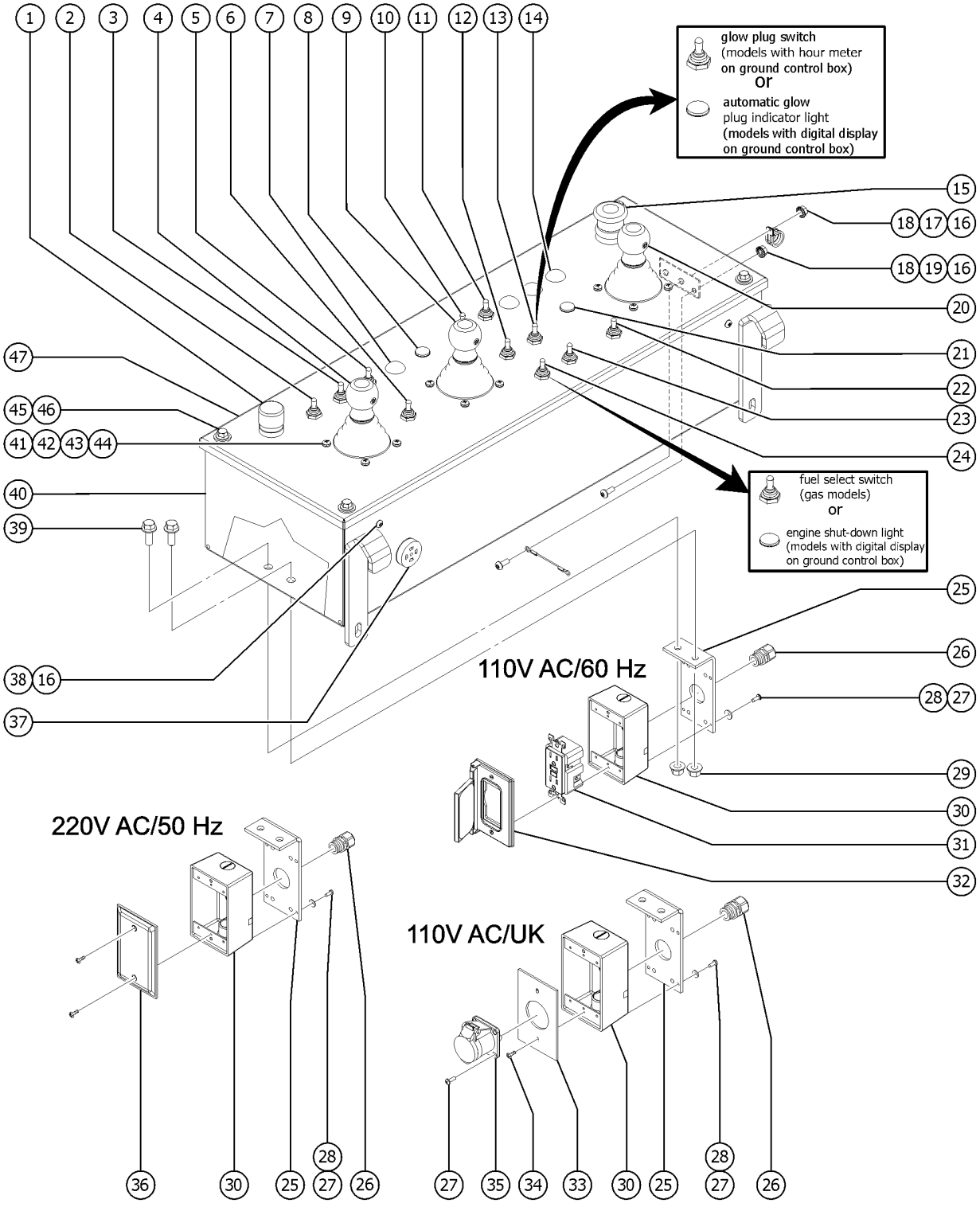
Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	
2	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	
3		Ref. Platform Control Box (refer to 603.1 and 604.1)	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
6	227617GT	ASSEMBLY,FOOT SWITCH	1
-	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	
-	1257248GT	SCREW, SHC, M4-0.7X8, DIN912,	
-	1257249GT	WASHER, LOCK, M4, SS	
-	227564GT	FOOT SWITCH,20A IP65	
-	43960-6950GT	WIRE CABLE,16GA/4 CON.TPE JKT*	
-	73739GT	BOOT,PLUG 4 WAY	
7	1256460GT	SCREW,PHPM,10-24X1,ZAG	2
8	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	2
9	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
11	147121GT	COVER, FOOT SWITCH, LARGE	1
12A	1267746GT	FLOORING, 72X30 PLATFORM	1
12B	73477PGT	FLOORING, 6'FT PLATFORM (for single entry)	1
12C	54247PGT	FLOORING,5 FT PLATFORM,PAINTED	1
12D	60160PGT	FLOORING,4 FT PLATFORM,PAINTED	1
13		Ref. Platform Weldment (refer to 601.1)	1
14	102992GT	SLIDING MIDRAIL KIT,PTD (includes fasteners)	1
15A	1275088GT	FORMING, ALUM. DECAL PLATE	1
15B	89337GT	PLATFORM ASSY 8FT W/DECALS ANS (Painted, Steel)	1
16	24514GT	BOX, INSTRUCTION STORAGE** (decals not included, refer to section 100)	1
17	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	2
18	1289552GT	KIT, PLATFORM WORK TRAY	1

602.1 Platform Components



Item	*Part No.*	*Description*	*Qty.*
19	73610PGT	STEP PLATFORM ENTRY PAINTED***	1
20	94745GT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
21	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	
22A		Ref. Platform Support (non- jib models, refer to 506.1)	1
22B		Ref. Platform Support (jib models, refer to 508.1)	1
23	43392GT	BUMPER,BATTERY BOX & RAILS	2
24	1267747GT	LATCH, SWING GATE	1
25	1272307GT	ASSY,SIDE SWING GATE	1
26	104804GT	HINGE, SPRING, LONG LEG	2
27	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2

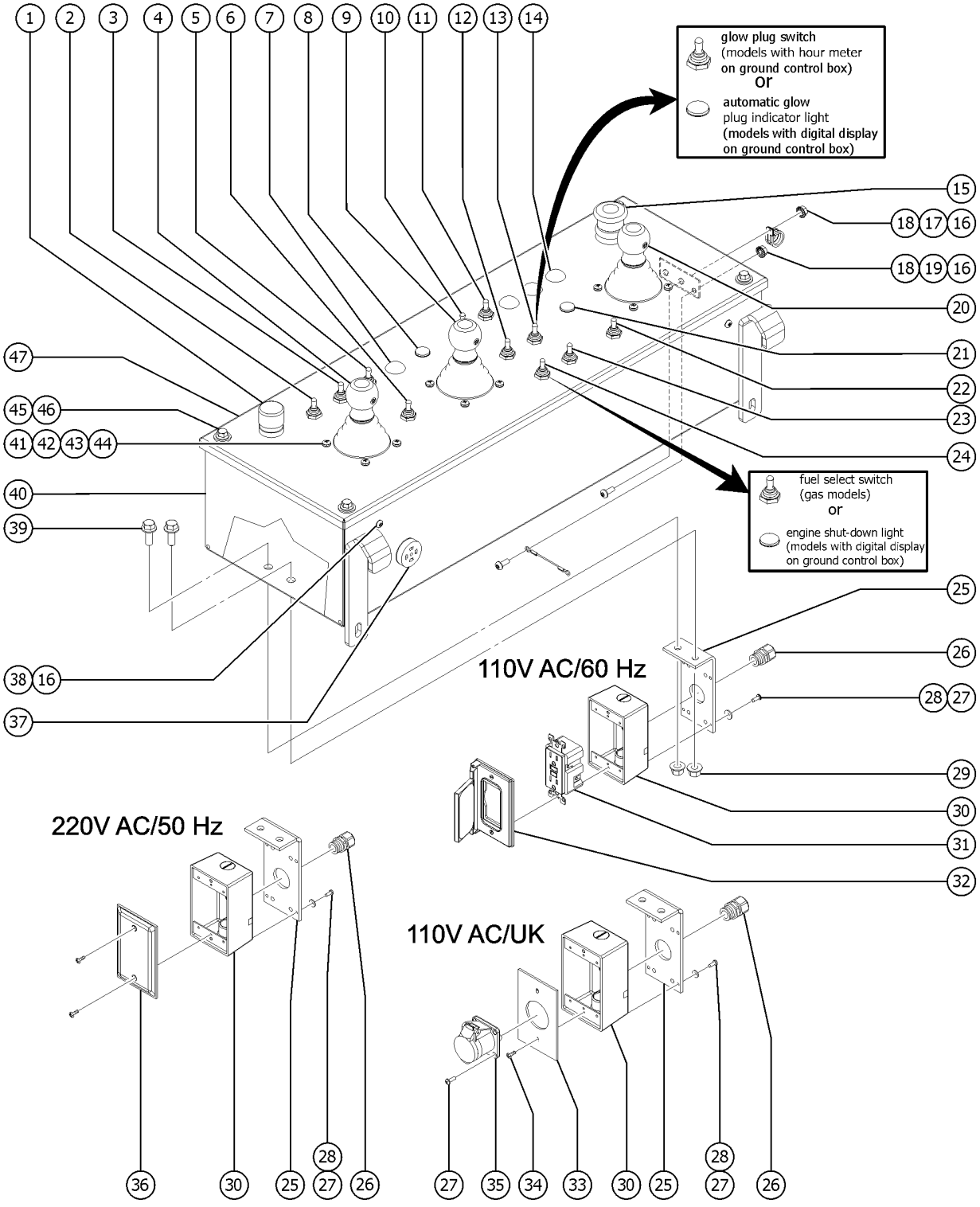
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

Item	Part No.	Description	Qty.
A		ASSEMBLY,PBOX,Z45 GAS Contact customer support with machine serial number. (complete) (includes Assy 218445 and Gasket p/n 81488) (refer to section 1 for decal)	
B	218445GT	ASSEMBLY,PLATFORM CONTROL BOX for 218446 and 218447	
C	81488GT	GASKET,PLATFORM CONTROL BOX for 218446 and 218447	
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 Platform Level; includes boot and hardware	1
3	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate; includes boot and hardware	1
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 Primary Boom Ext/Ret; includes boot and hardware	1
7A	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
7B	218165GT	LIGHT,INDICATOR,RED 12V H-BRI (for Perkins 404F-E22T Engine Only)	1
8	218165GT	LIGHT,INDICATOR,RED 12V H-BRI (tilt sensor)	1
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	
13D	825018GT	LIGHT,AMBER 12V INCANDESCENT (for Perkins 404F-E22T Engine Only)	
14	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	3
15	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
15-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
15-	66821GT	BASE,WITHOUT CONTACTS	

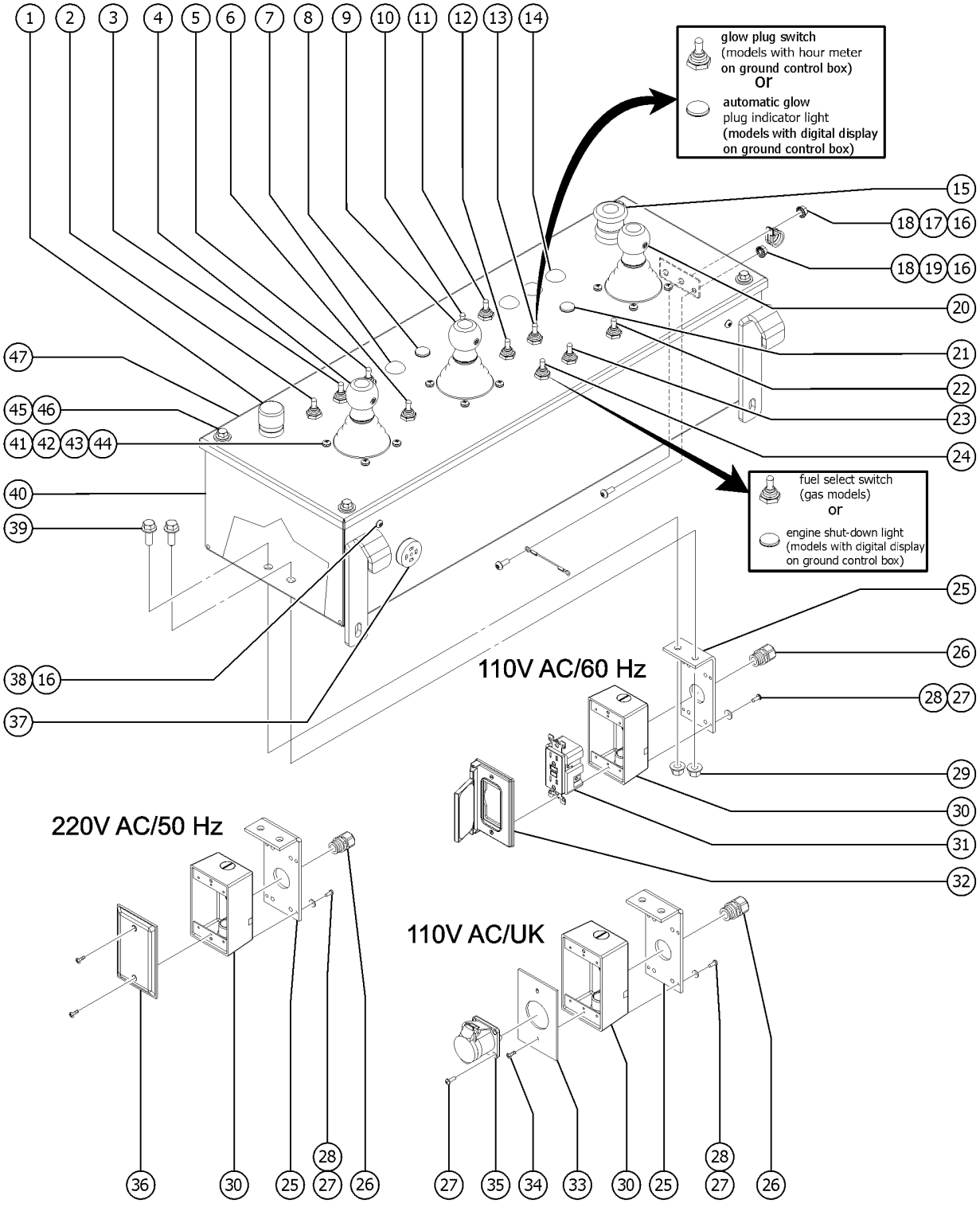
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

Item	Part No.	Description	Qty.
15-	66818GT	CONTACT,NC	
16	1264261GT	NUT,SERRATED,10-32,ZAG	4
17	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
18	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	2
19	77351GT	LANYARD,PLATFORM CONTROL BOX	2
20		Ref. JOYSTICK CONTROLLER, MULTI-AXIS (standard) (Refer to 605.1)	
20-	1269497GT	GASKET, ISOLATION, JOYSTICK	3
21	218165GT	LIGHT,INDICATOR,RED 12V H-BRI (drive enable)	1
22	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Enable; includes boot and hardware	1
23	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Engine idle (rpm) select switch; includes boot and hardware	1
24A	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select (Gasoline/LPG models) includes boot and hardware	
24B	218165GT	LIGHT,INDICATOR,RED 12V H-BRI (models with digital display)	
24C	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Diesel models	
25	81096GT	BRACKET,POWER TO PLAT, DOM (no longer available, replaced with 1311043GT)	1
25-	1311043GT	BRACKET,POWER TO PLAT, DOM	1
26	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	2
27	1257296GT	SCREW,PHPM-ST,8.32X.50,TYPE F	
28	1257390GT	WASHER,FLAT,#8,SAE,ZAG	4
29	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
30	10775GT	T-BOX, 2.75 X 4.5 X 2.0** (no longer available, replaced with 1310378GT)	1
30-	1310378GT	T-BOX, 2.75 X 4.5 X 2.0**	1
30-	36878GT	TERMINAL,FORK,BLUE (BULK)	
30-	13597GT	TERMINAL,#10 RING,BLUE	
31	13585GT	OUTLET, 110V	1
32	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1
33	T112561GT	PLATE,UK,POWER TO PLAT	1
34	1253489GT	SCREW,FHPM,6-32 X .75,ZAG	
35	T112560GT	RECEPTACLE,UK,110V	1

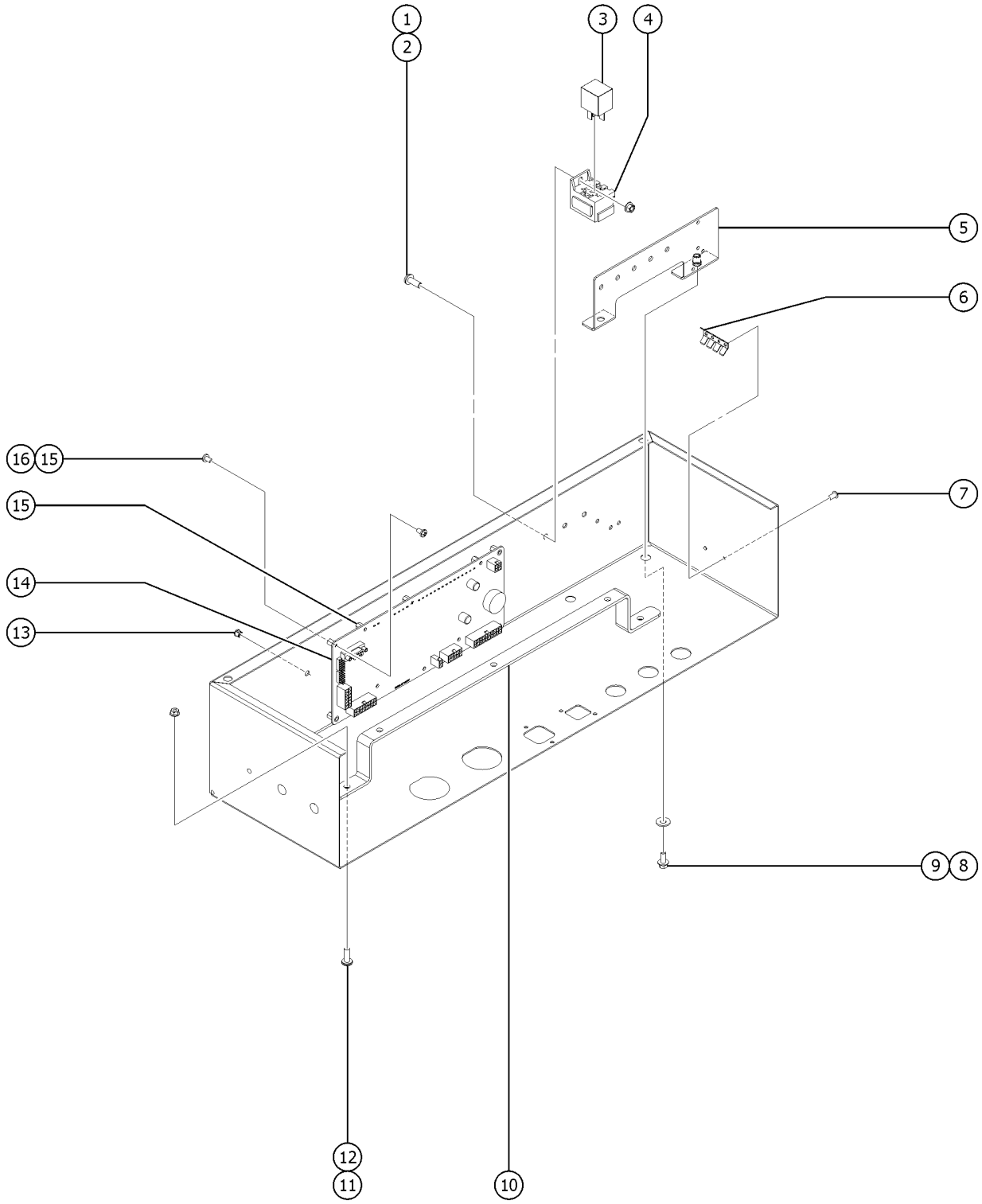
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

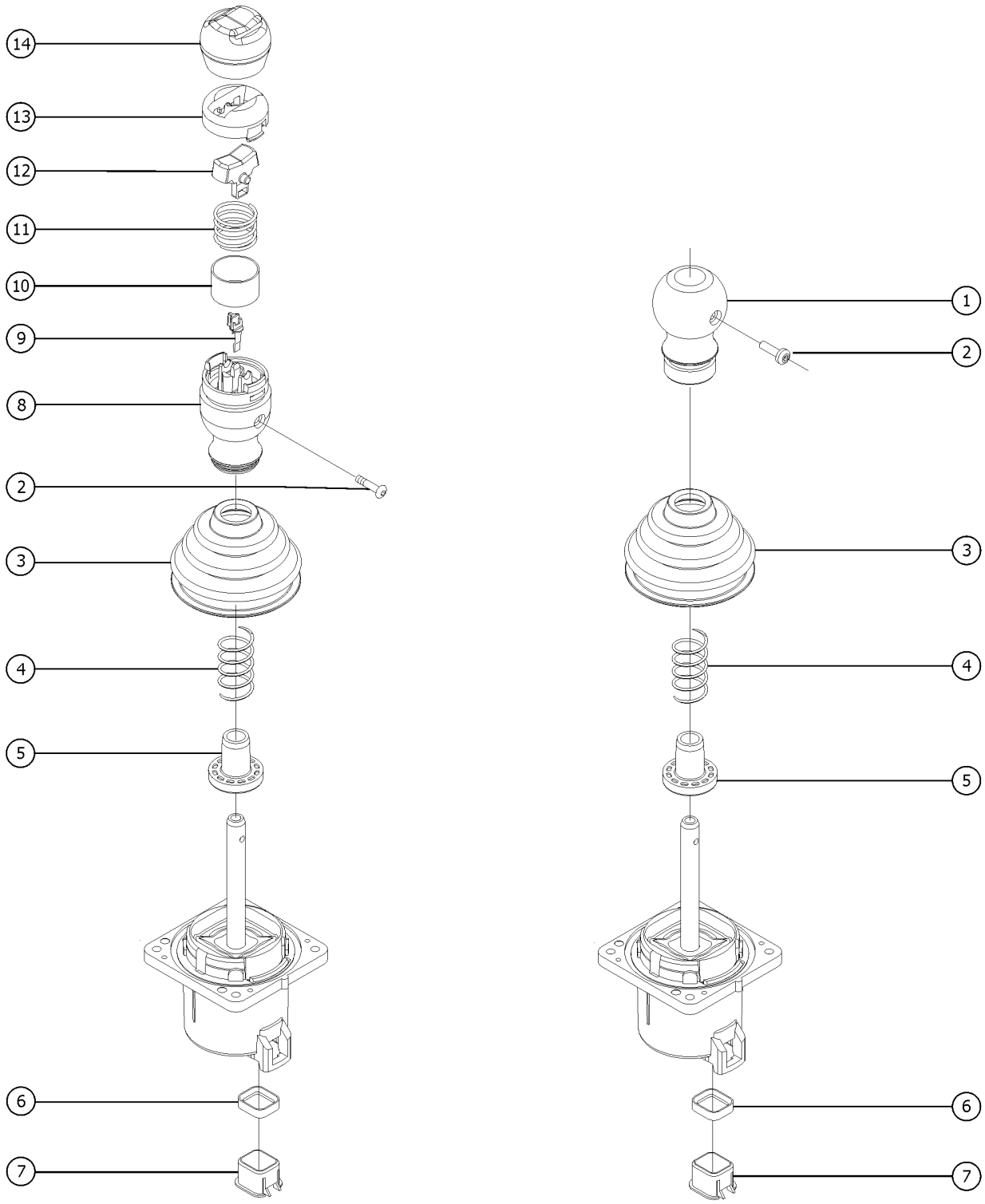
Item	Part No.	Description	Qty.
35-	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	
36	10777GT	COVER,BLANK includes fasteners	1
37	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
37-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
38	1251757GT	SCREW,PHPM,10-32X.50,ZAG	2
39	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	2
40	216786GT	WELDMENT, PLATFORM CONTROL BOX	1
41	1257404GT	SCREW,PHPM-ST,M5-0.8X20,DIN7500C,ZAB	12
42A	56306GT	WASHER,FLAT NYLON #10 (to SN F-59339)	12
42B	1269498GT	SHOULDER WASHER, NYLON (from SN F-59340)	12
43	1255753GT	NUT,FLG,M5-0.8,DIN6923,8,ZAB (to SN F-59339)	
44	1269497GT	GASKET, ISOLATION, JOYSTICK	3
45	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	4
46	824113GT	WASHER,FLAT,USS,1/4,ZAG	4
47A	139974GT	LID,PLATFORM CONTROL BOX (to SN F-59339)	1
47B	1283800GT	LID, PLATFORM CONTROL BOX (from SN F-59340)	1

604.1 Platform Control Box, View 2

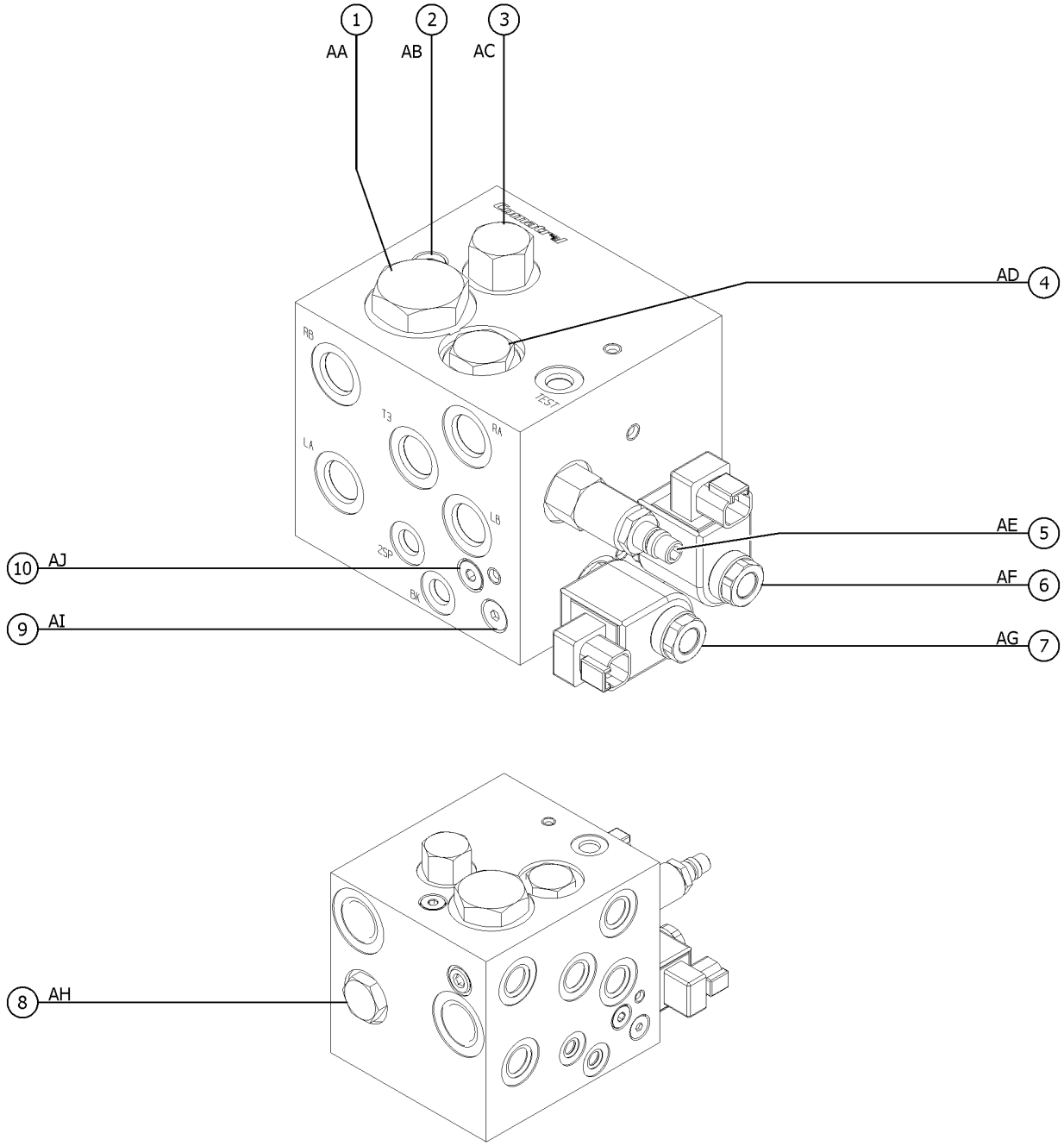


604.1 Platform Control Box, View 2

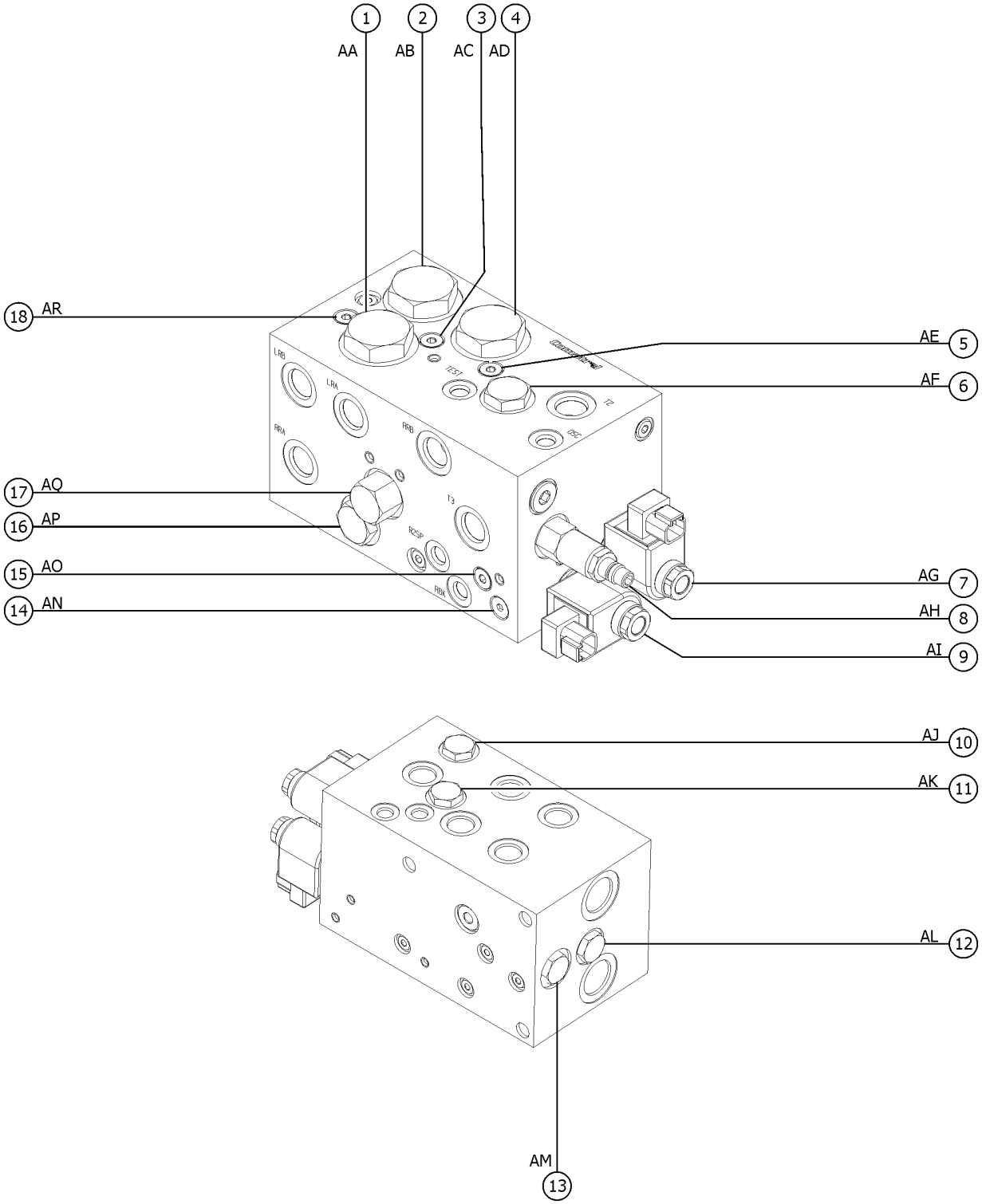
Item	Part No.	Description	Qty.
1	825349GT	SCREW,PHPM,10-32X.38,ZAG	
2	824032GT	NUT, TL FLG, 10-32, F, ZAG	
3	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	
4	34053GT	ASSY,RELAY SOCKET, AUTO	2
5	1260194GT	ASSY,BRKT, RELAYW/NUTSERTS	1
6	56663GT	TERMINAL STRIP	1
7	824206GT	RIVET, STL, STL, DOME, 1/8 X .25, ZAG	2
8	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	2
9	824113GT	WASHER,FLAT,USS,1/4,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


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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


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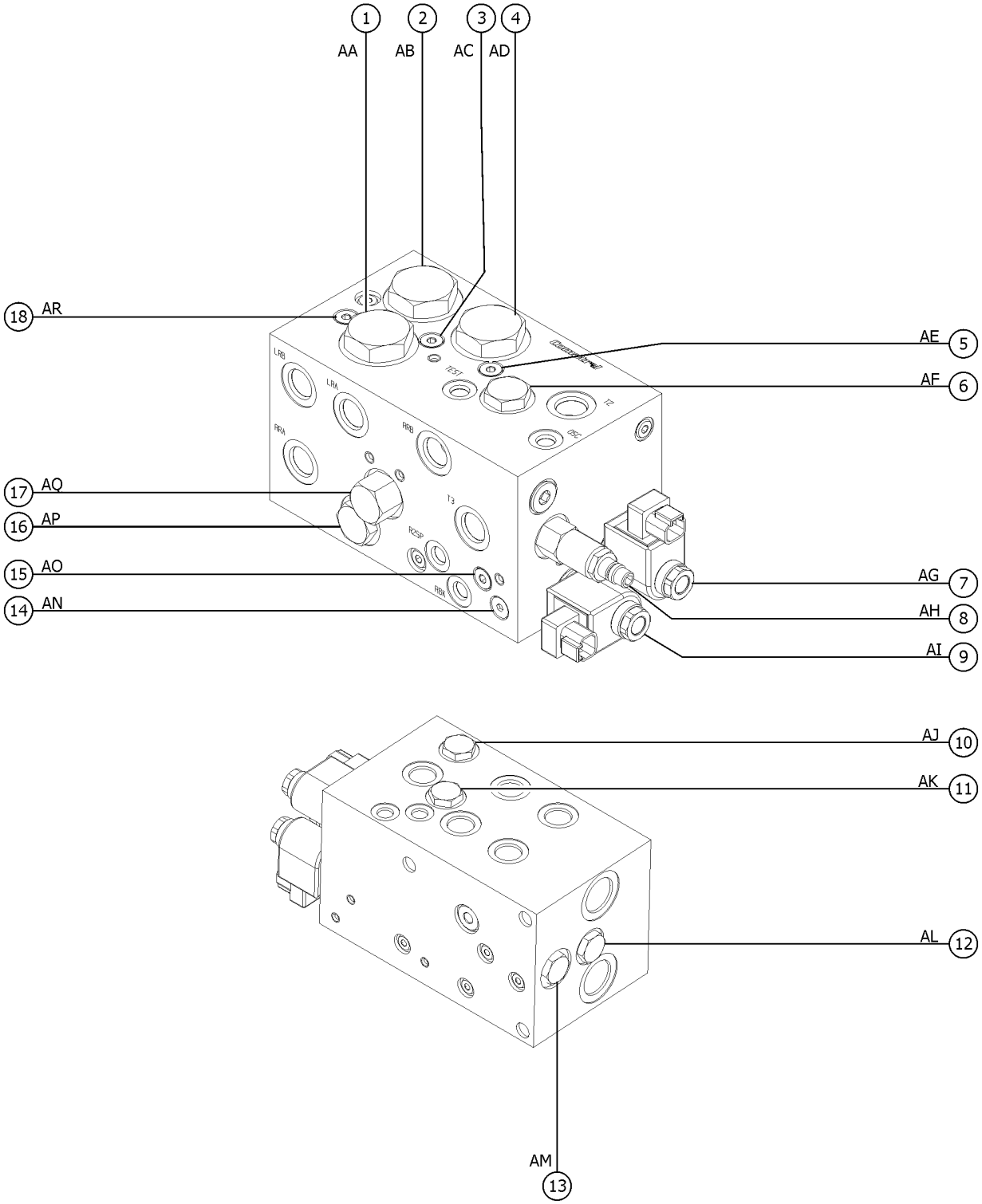
Item	Part No.	Description	Qty.
A-	216168GT	MANIFOLD,TRACTION,2WD Complete	
1	52726GT	VALVE,FLOW DIVIDER/COMBINER AA, Controls flow to drive motors in forward and reverse	1
1-	84135GT	SEAL KIT, VALVE for 52726	1
2	77163GT	PLUG-ORIFICE,0.067 INCH AB, Drive circuit	1
3	218127GT	SHUTTLE VALVE, HOT OIL AC, 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/COIL ORINGS 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/COIL ORINGS 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


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702.1 4WD Traction Manifold

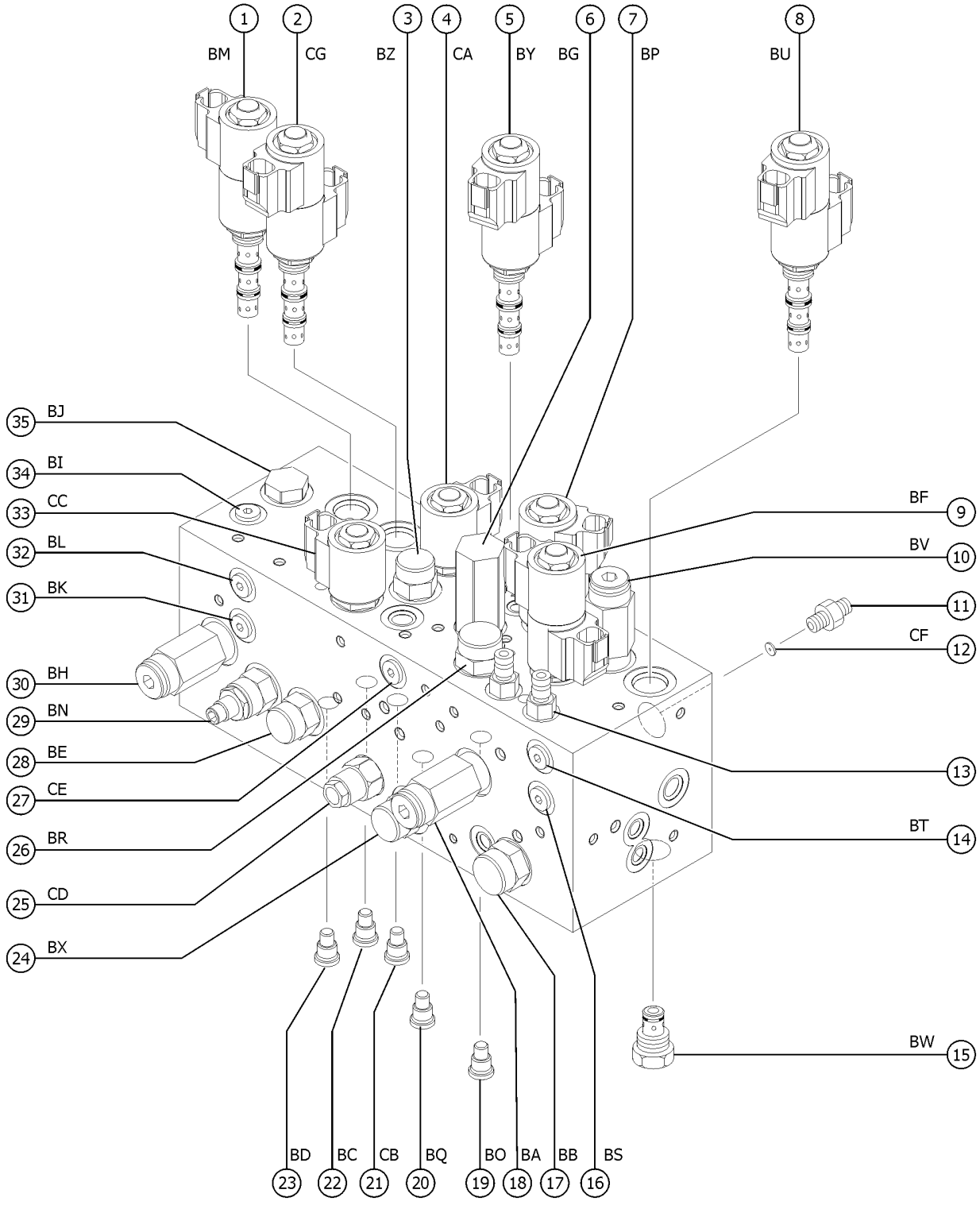
Item	Part No.	Description	Qty.
A-	236278GT	MANIFOLD, TRACTION, 4WD Complete	
1	52726GT	VALVE,FLOW DIVIDER/COMBINER AA, Controls flow to flow divider/combiner valves 2 and 4	1
1-	84135GT	SEAL KIT, VALVE for 52726	
2	62252GT	VALVE, FLOW DIVIDER COMBINER AB, Controls flow to non-steer end drive motors in 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/COIL ORINGS	
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/COIL ORINGS 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, VALVE for 231037	
11	231037GT	CHECK VALVE,BALL TYPE,NORMAL AK, Steer end drive motor circuit	1
11-	74902GT	SEAL KIT, VALVE for 231037	
12	231037GT	CHECK VALVE,BALL TYPE,NORMAL AL, Non-steer end drive motor circuit	1
12-	74902GT	SEAL KIT, VALVE for 231037	
13	231037GT	CHECK VALVE,BALL TYPE,NORMAL AM, Non-steer end drive motor circuit	1

702.1 4WD Traction Manifold



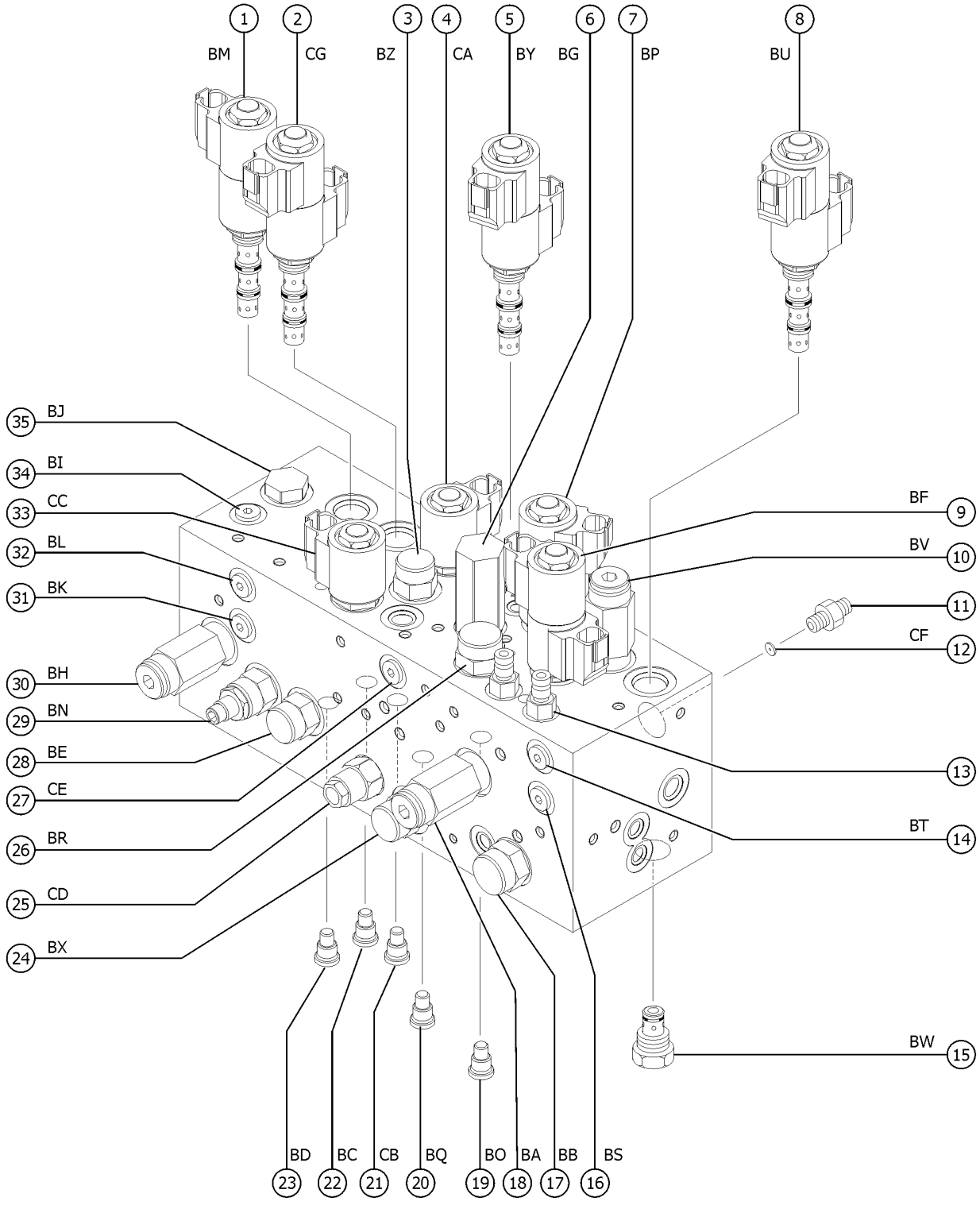
Item	Part No.	Description	Qty.
13-	74902GT	SEAL KIT, VALVE for 231037	
14	27807GT	VALVE,CHECK*** AN, 2 speed motor shift circuit	1
14-	110200GT	SEAL KIT, VALVE, #4 for 27807	
15	77162GT	PLUG-ORIFICE 0.031 INCH AO, Brake circuit	1
16	27836GT	VALVE,CHECK,5 PSI AP, Steer end drive motor circuit	1
16-	110194GT	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



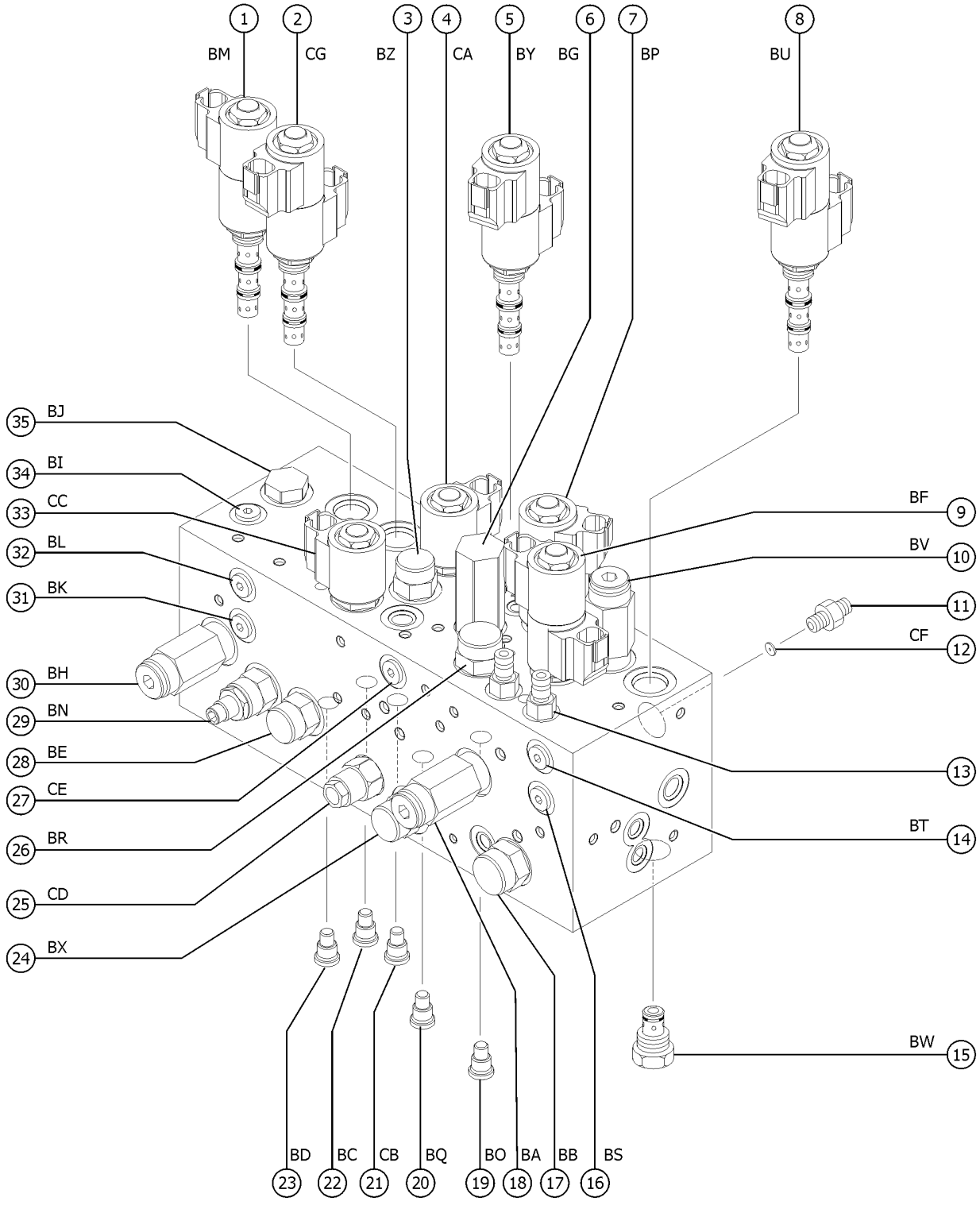
Item	Part No.	Description	Qty.
A-	219436GT	MANIFOLD,FUNCTION,IC Complete	
1	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** BM, Platform level up/down (valve with nut and spacer only)	
1-	44229GT	SEAL KIT, VALVE	
1-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
2	39346GT	VALVE,SOLENOID 3 POS.4 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



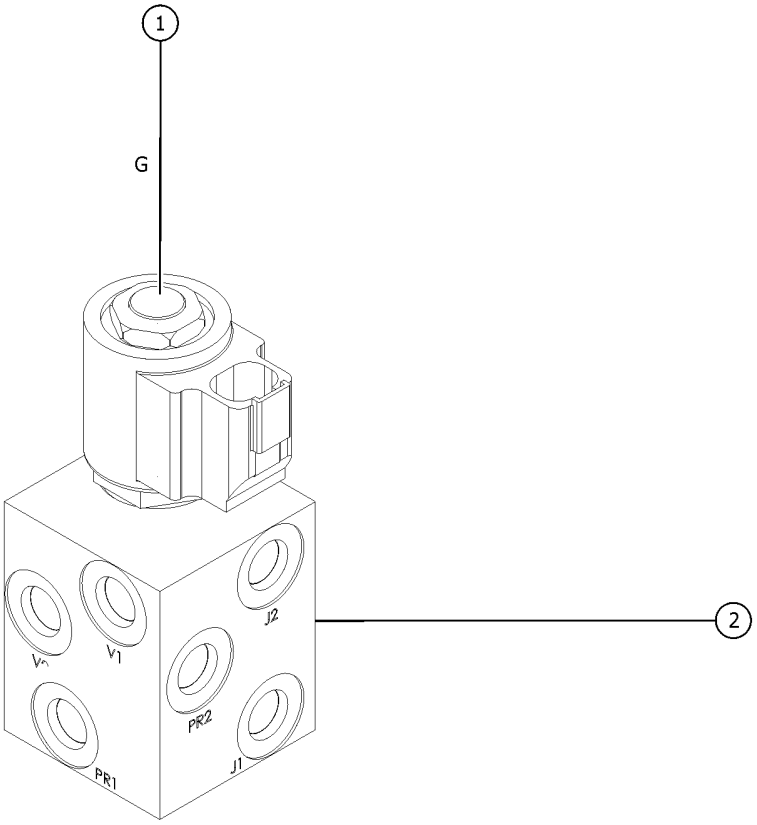
Item	Part No.	Description	Qty.
11	48912GT	CONN,520120-4-6***	
12	47092GT	ORIFICE DISC,.046",GREEN CF, Secondary boom down circuit (located under fitting)	
13	48997GT	NIPPLE,DIAGNOSTIC,#4 Testing	
13-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
14	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BT, Differential sensing circuit,secondary 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

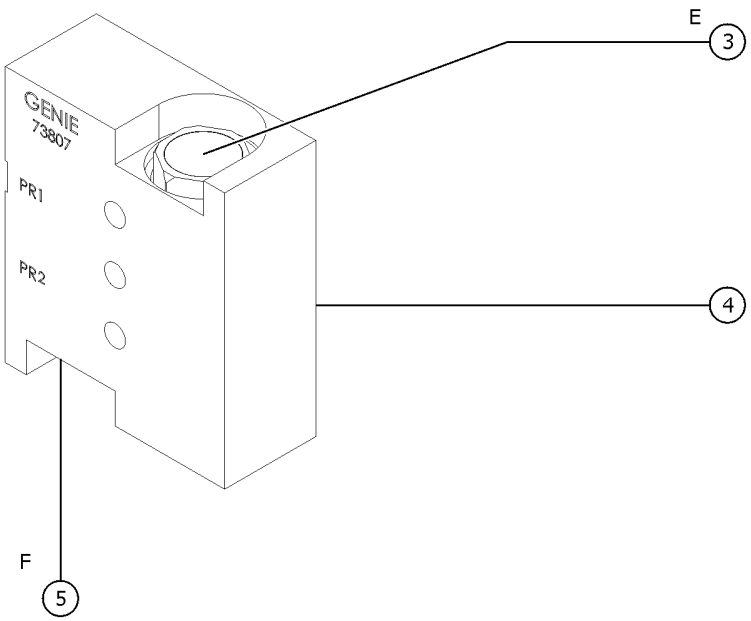


Item	Part No.	Description	Qty.
26	110180GT	VALVE, COMPENSATOR, 80 PSI BR, Turntable rotate circuit	
26-	44225GT	SEAL KIT, VALVE	
27	44216GT	VALVE,SHUTTLE CE, Differential sensing circuit,primary boom up/down	
27-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
28	94618GT	VALVE,FLOW CONTROL,.4 GPM BE, Platform 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,3000PSI,GS68PUMP1 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	

Jib Manifold

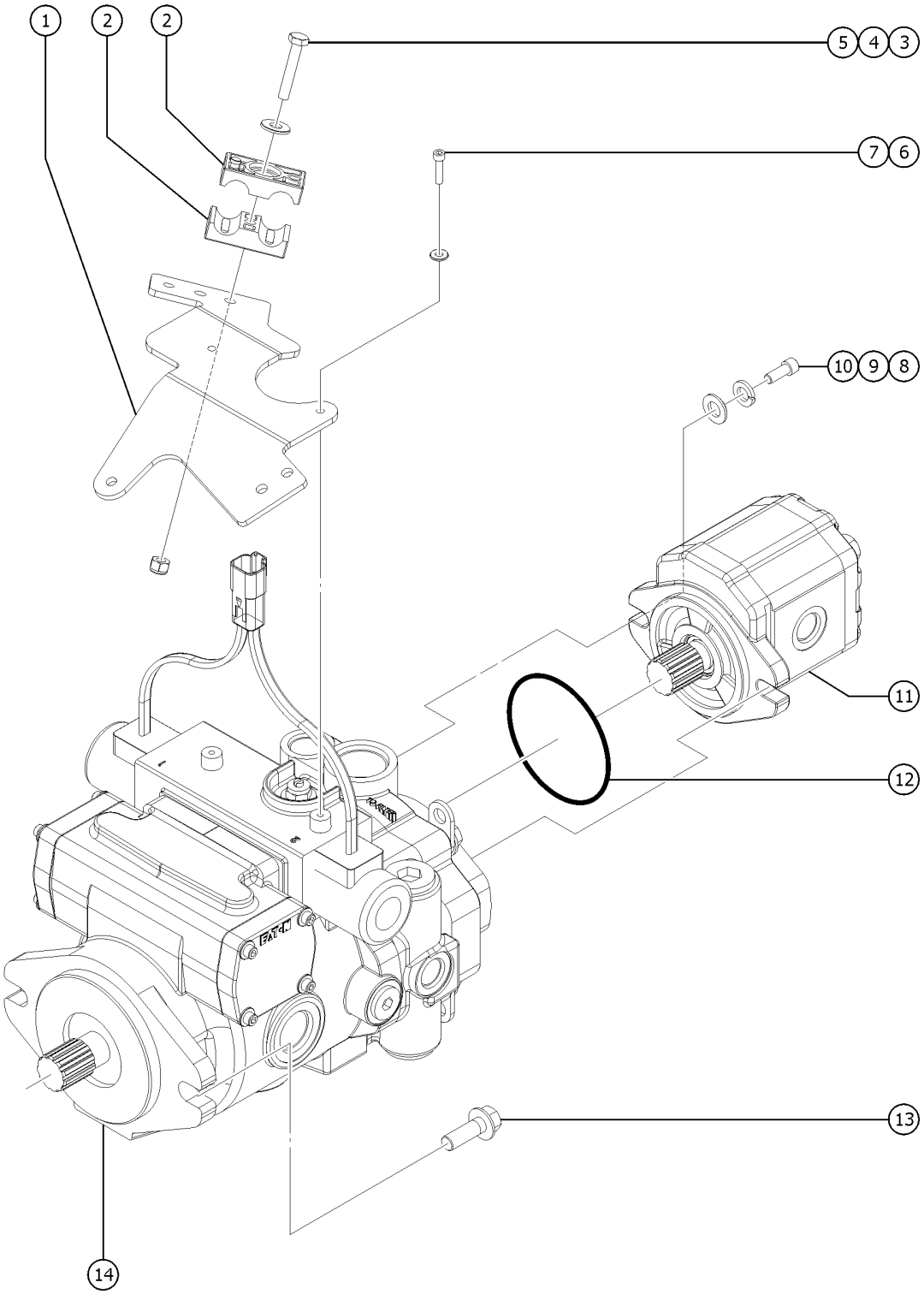


Platform Rotate Manifold



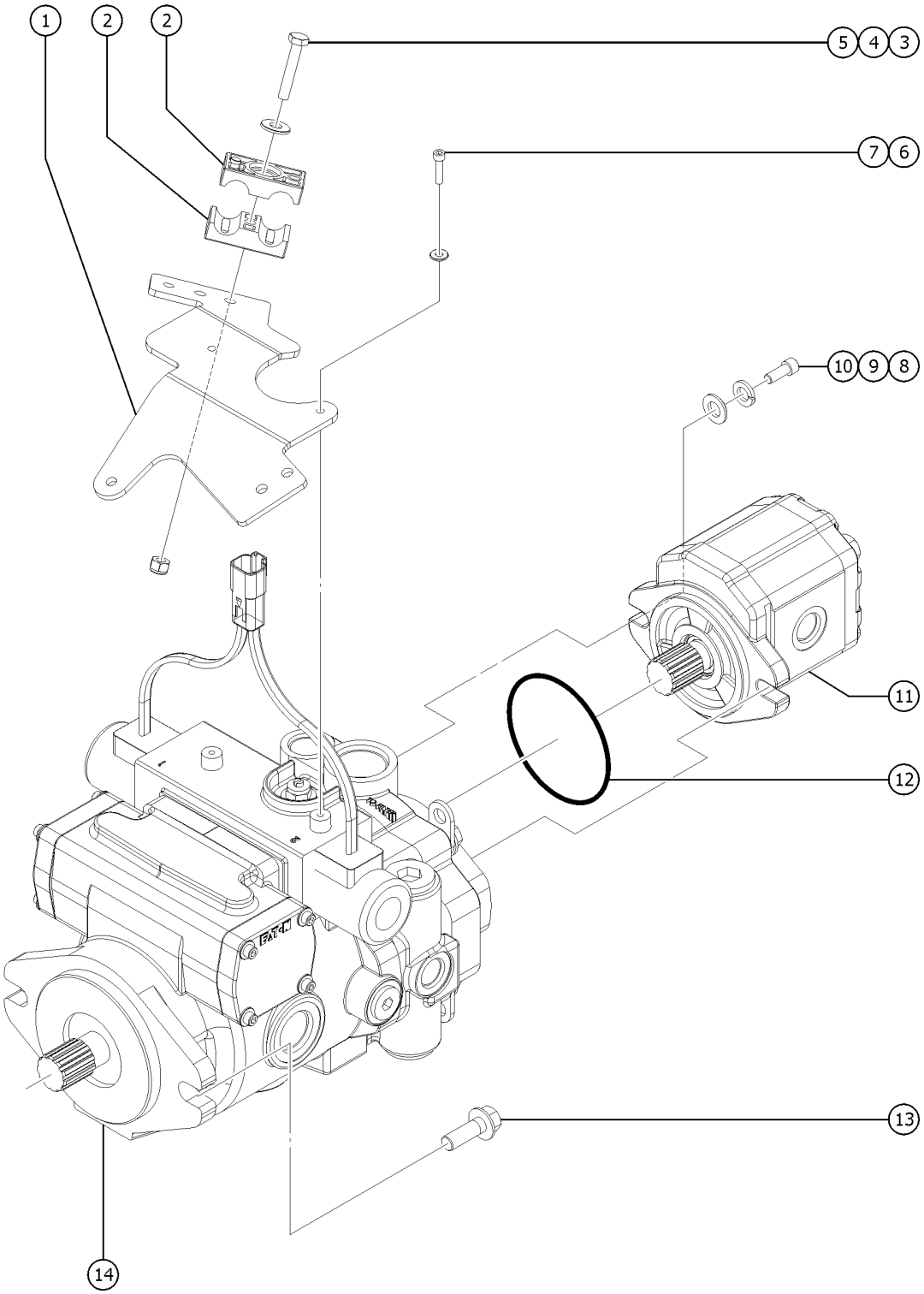
Item	Part No.	Description	Qty.
1	52897GT	VALVE,SOLENOID, 2POS/3WAY*** G, Platform rotate left/right and jib boom up/down, for 1256670, does not include the coil or nut, 104759 or 44174	
1-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
1-	44174GT	NUT-COIL SHORT	
1-	52371GT	SEAL KIT, VALVE	
2	1256670GT	MANIFOLD,JIB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

705.1 Pumps



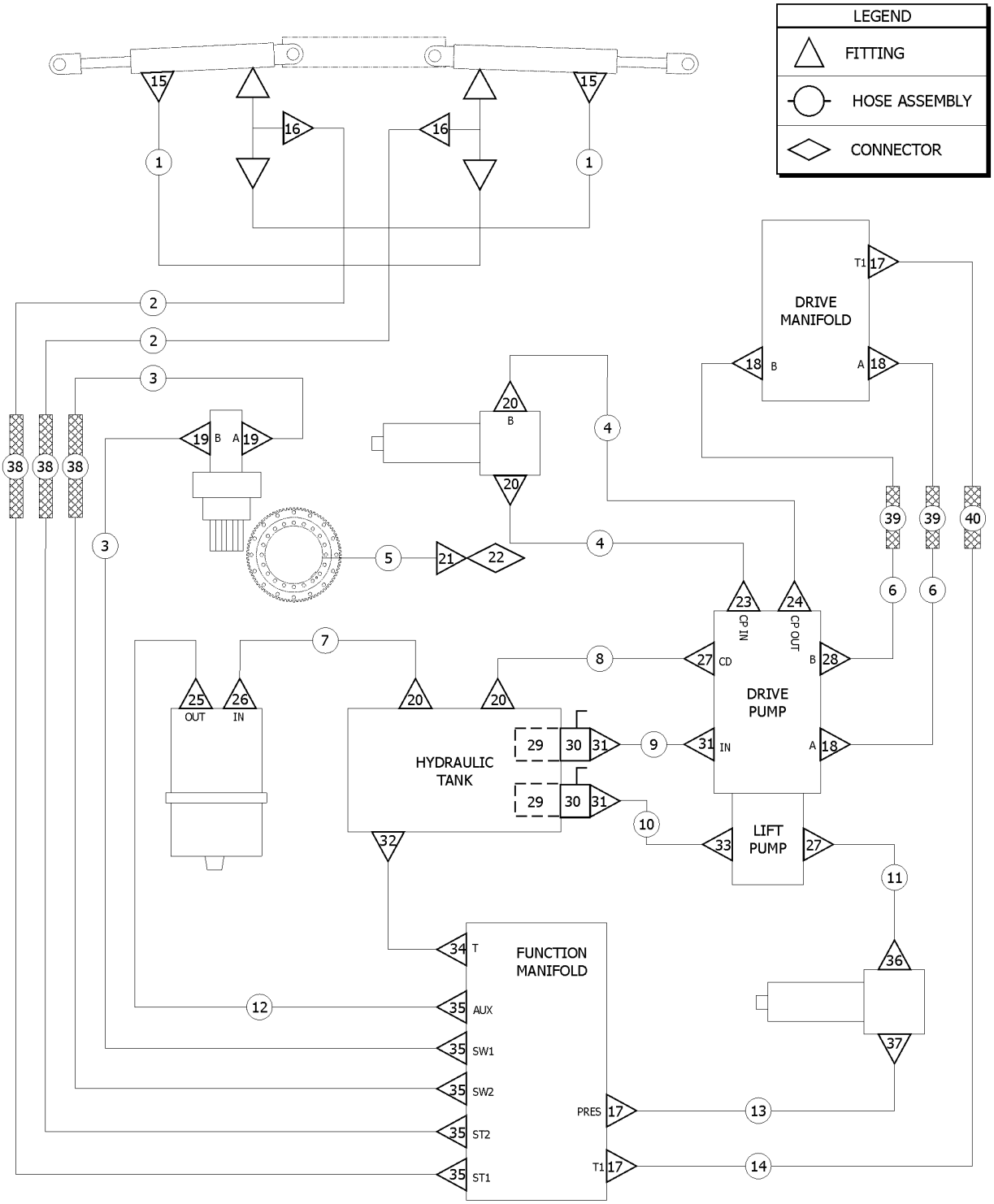
Item	Part No.	Description	Qty.
1	216342GT	BRACKET,PUMP MOUNTING	1
2	78736GT	CLAMP,2 HOSE,PLASTIC	4
3	824063GT	SCREW,HHC,1/4-20X1.75,8,ZAG	2
4	824113GT	WASHER,FLAT,USS,1/4,ZAG	2
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	2
6	1251567GT	SCREW,PHPM SEMS ET,10-24X.75,ZAG	2
7	1253185GT	WASHER,FLAT,#10,USS,ZAG	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 to SN Z4525F-61682	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-	9990420GT	Shaft 15TM X ¾-11TM	
14-	101294GT	KIT,CHARGE PUMP	
14-	106835GT	CONTROLLER W/O COILS (77788) (first time replacement requires 1285505GT)	
14-	1285505GT	KIT,SOLENOID CONTROL SERVICE	
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	

705.1 Pumps



Item	*Part No.*	*Description*	*Qty.*
14-	82431GT	HOSE ASM-JCAF310-06-41	
14-	1286043GT	KIT,SOLENOID REPLACEMENT,EATON (77788) includes two coils	
14-	1285506GT	SEAL RING,SOLENOID CONTROL (for 1286043GT)	
14-	9990606GT	COVER PLATE GASKET (Component of 77788GT) (QTY 2 per pump)	
14-	9990607GT	WASHER SEAL(Component of 77788GT) (use on Cover Plate)	
14-	9990608GT	NUT, JAM (Component of 77788GT) (use on Cover Plate)	

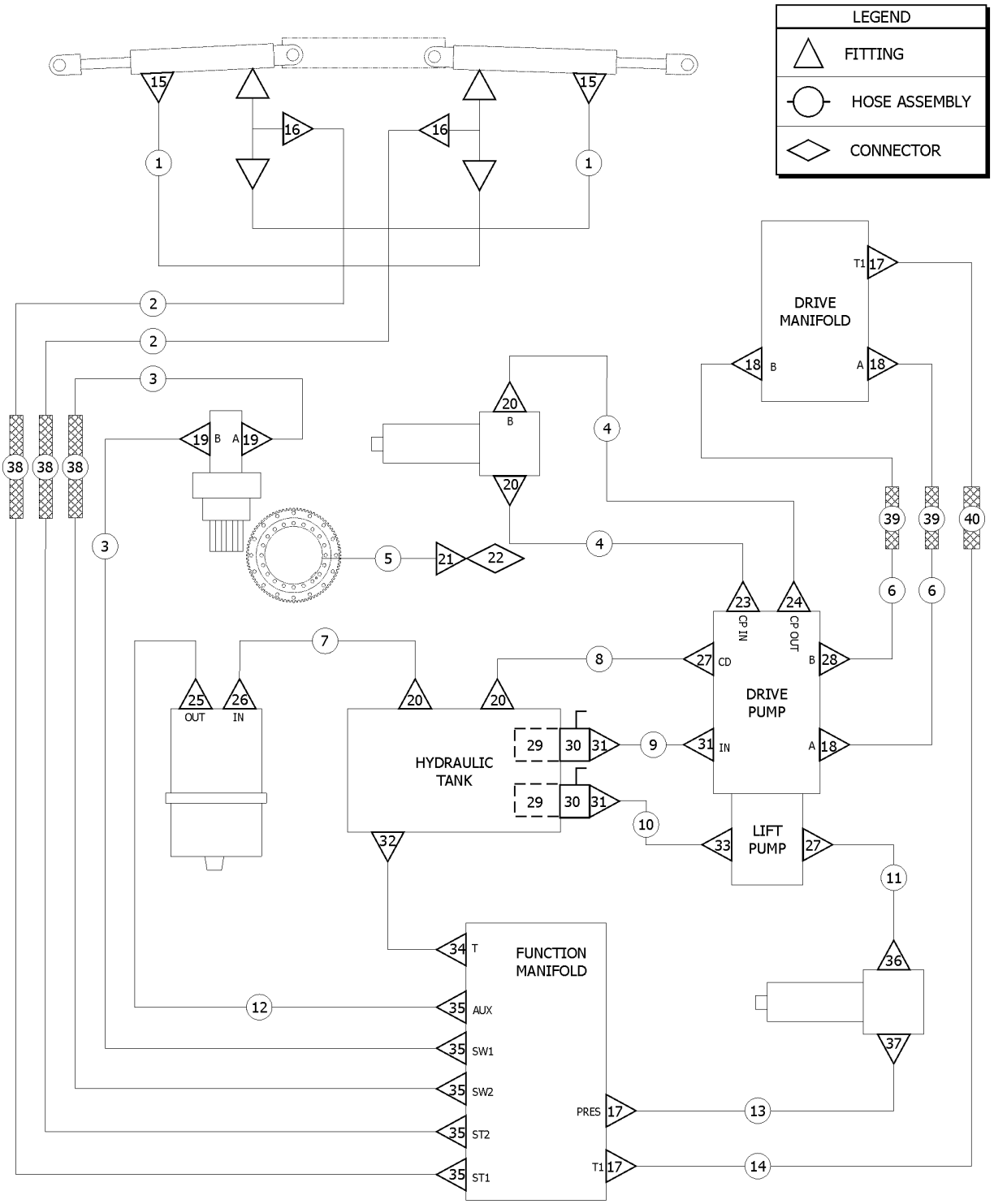
801.1 Function Manifold, View 1



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	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') for 1290343-4750	47 inches
10	1290343-4750GT	ASSY, HOSE, HYD, -16, 250, STR, STR from SN Z452515A-53822 to 55298	
10B	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') for 1290343-4750	47 inches
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,1/4,45 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	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

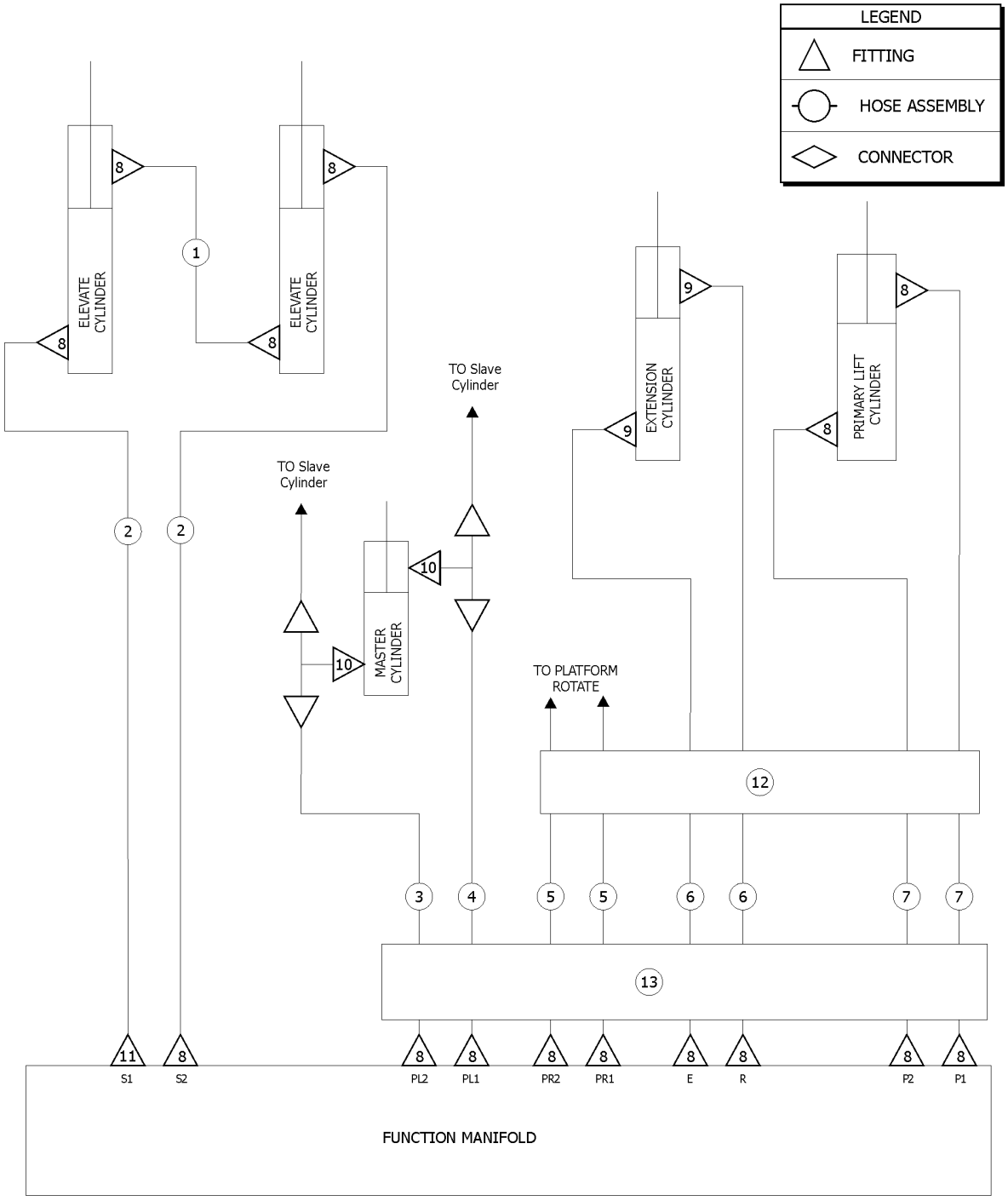
801.1 Function Manifold, View 1



801.1 Function Manifold, View 1

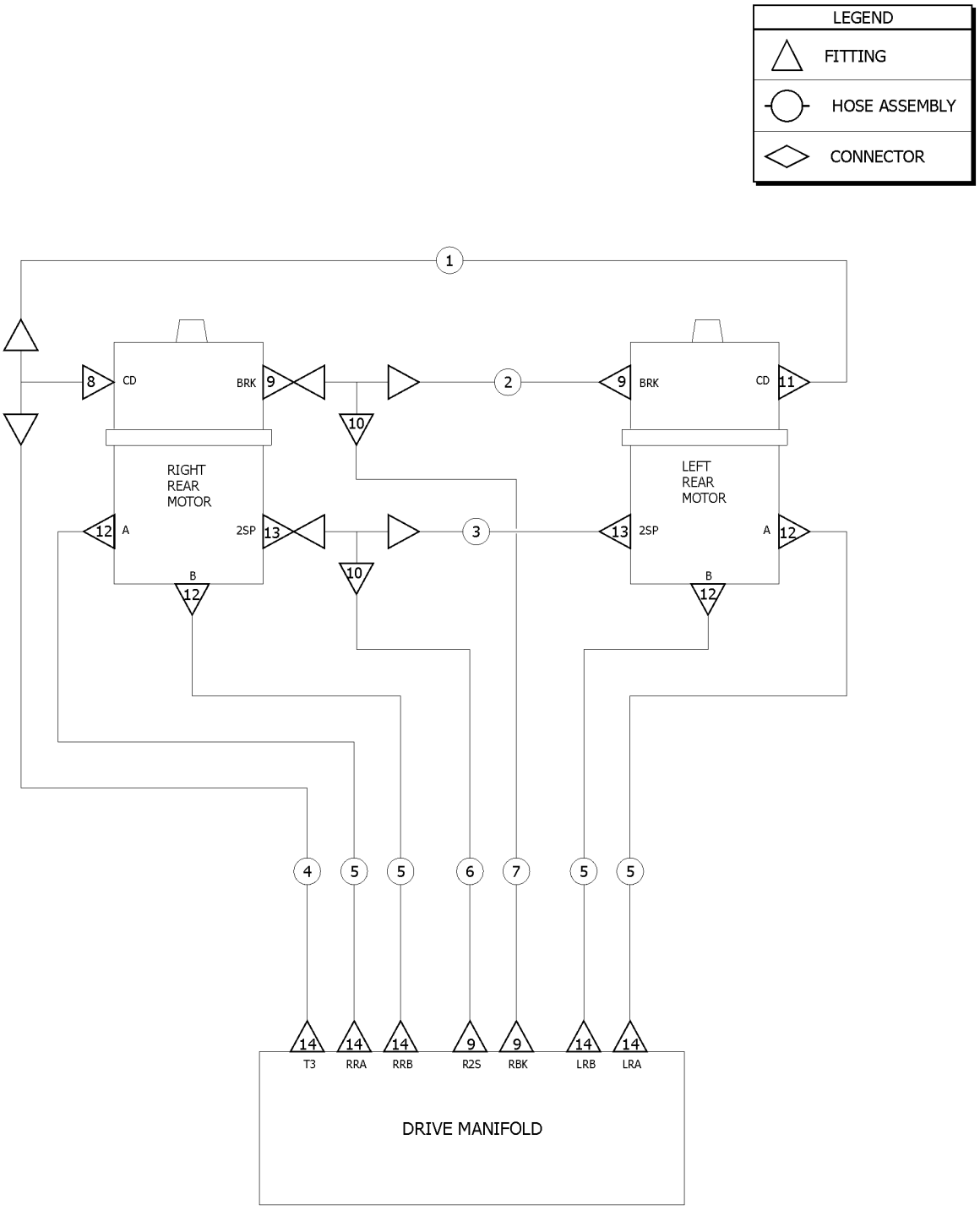
Item	Part No.	Description	Qty.
26	48916GT	CONN, 520120-6	1
27	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	1
28	48978GT	ELBOW,45D,520320-12-16	2
29	147419GT	KIT,STRAINER REPLACEMENT	2
30	48996GT	VALVE,BALL,16 MSAE-16 FSAE***	2
31	48984GT	CONN, 520120-16	3
32	48977GT	CONN,520120-12-16	1
33	48983GT	ELBOW,90D,520220-16	1
34	48960GT	FITTING,CONN,520120-12***	1
35	48905GT	CONNECTOR, 520120-4	5
36	48947GT	ELBOW,90D,520220-8-12	1
37	48948GT	CONN,520120-8-12	1
38	48773GT	SLEEVE,NYLON,.86 ID	28 inches
39	48767GT	SLEEVE,NYLON,1.42 ID Qty. 2	20 inches
40	48773GT	SLEEVE,NYLON,.86 ID	20 inches

802.1 Function Manifold, View 2



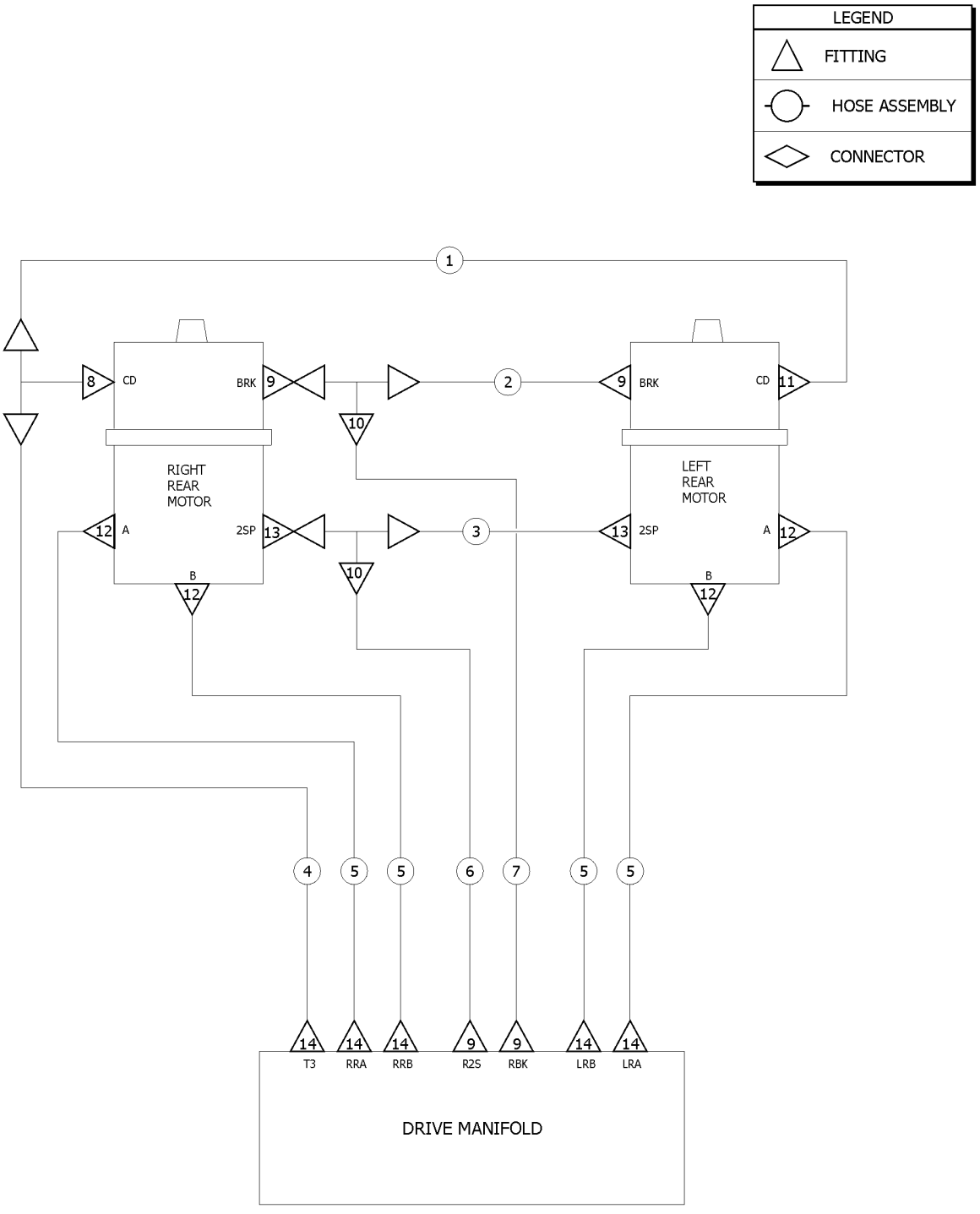
802.1 Function Manifold, View 2

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	CONNECTOR, 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	77103GT	SLEEVE,NYLON,3.13 ID	36 inches
13	77103GT	SLEEVE,NYLON,3.13 ID	48 inches


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
1
8
CD
BRK
9
2
9
BRK
CD
11
10
RIGHT
REAR
MOTOR
LEFT
REAR
MOTOR
12
A
2SP
13
3
13
2SP
A
12
B
12
10
B
12
4
5
5
6
7
5
5
14
T3
14
RRA
14
RRB
9
R2S
9
RBK
14
LRB
14
LRA
DRIVE MANIFOLD

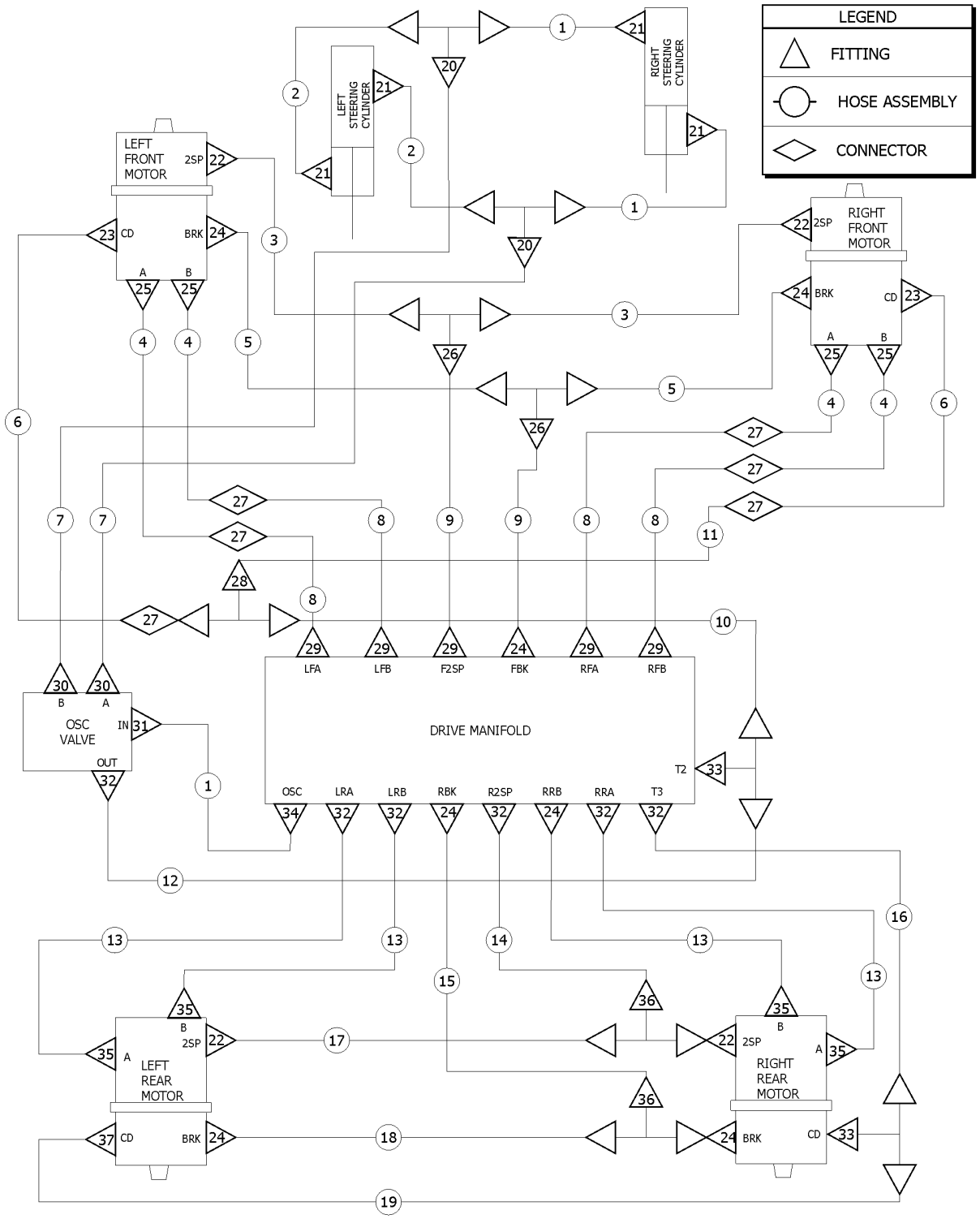
803.1 Drive and Steer, 2WD

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	CONNECTOR, 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

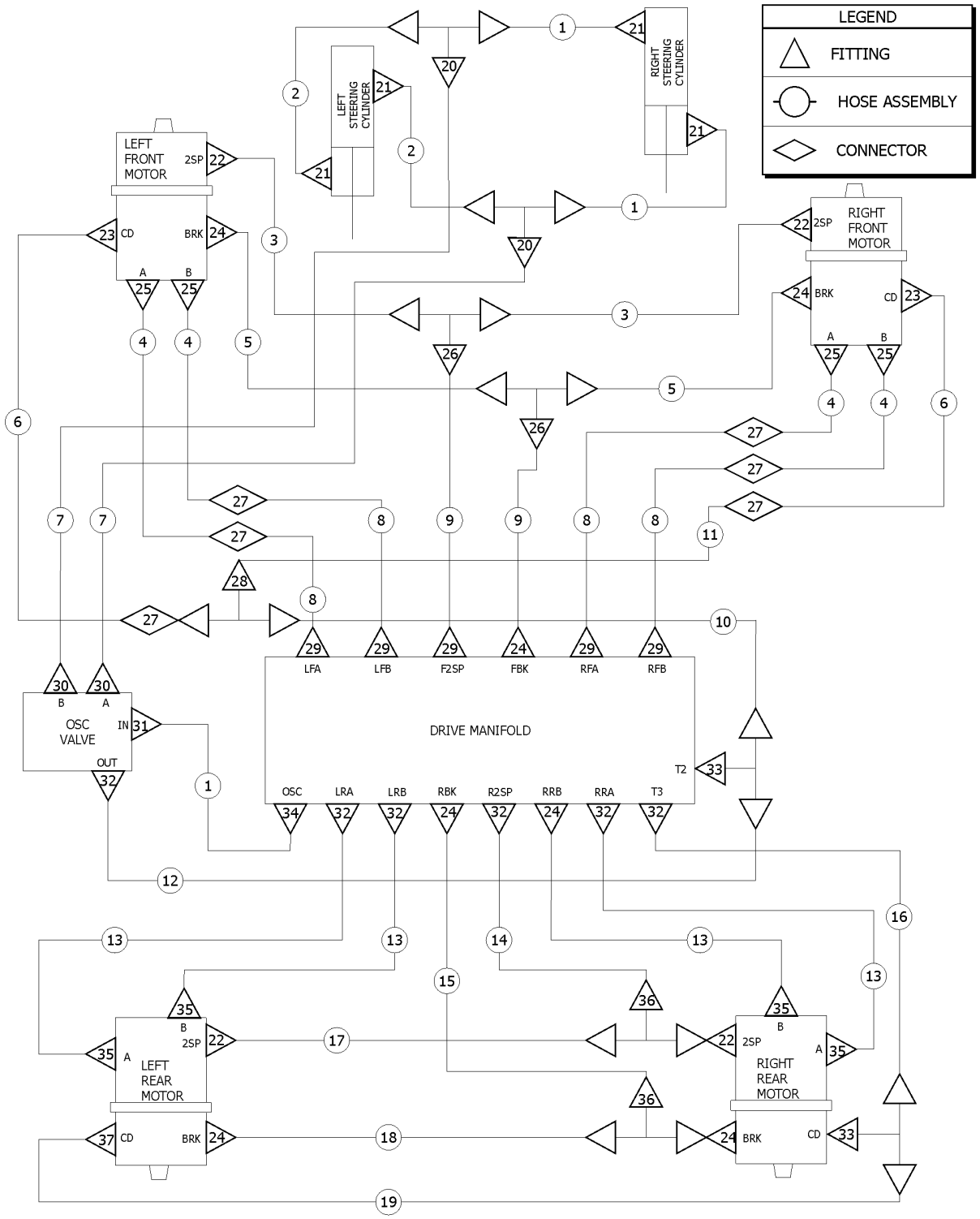

LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
1
8
CD
BRK
9
2
9
BRK
CD
11
10
RIGHT
REAR
MOTOR
LEFT
REAR
MOTOR
12
A
2SP
13
3
13
2SP
A
12
B
12
10
B
12
4
5
5
6
7
5
5
14
T3
14
RRA
14
RRB
9
R2S
9
RBK
14
LRB
14
LRA
DRIVE MANIFOLD

803.1 Drive and Steer, 2WD

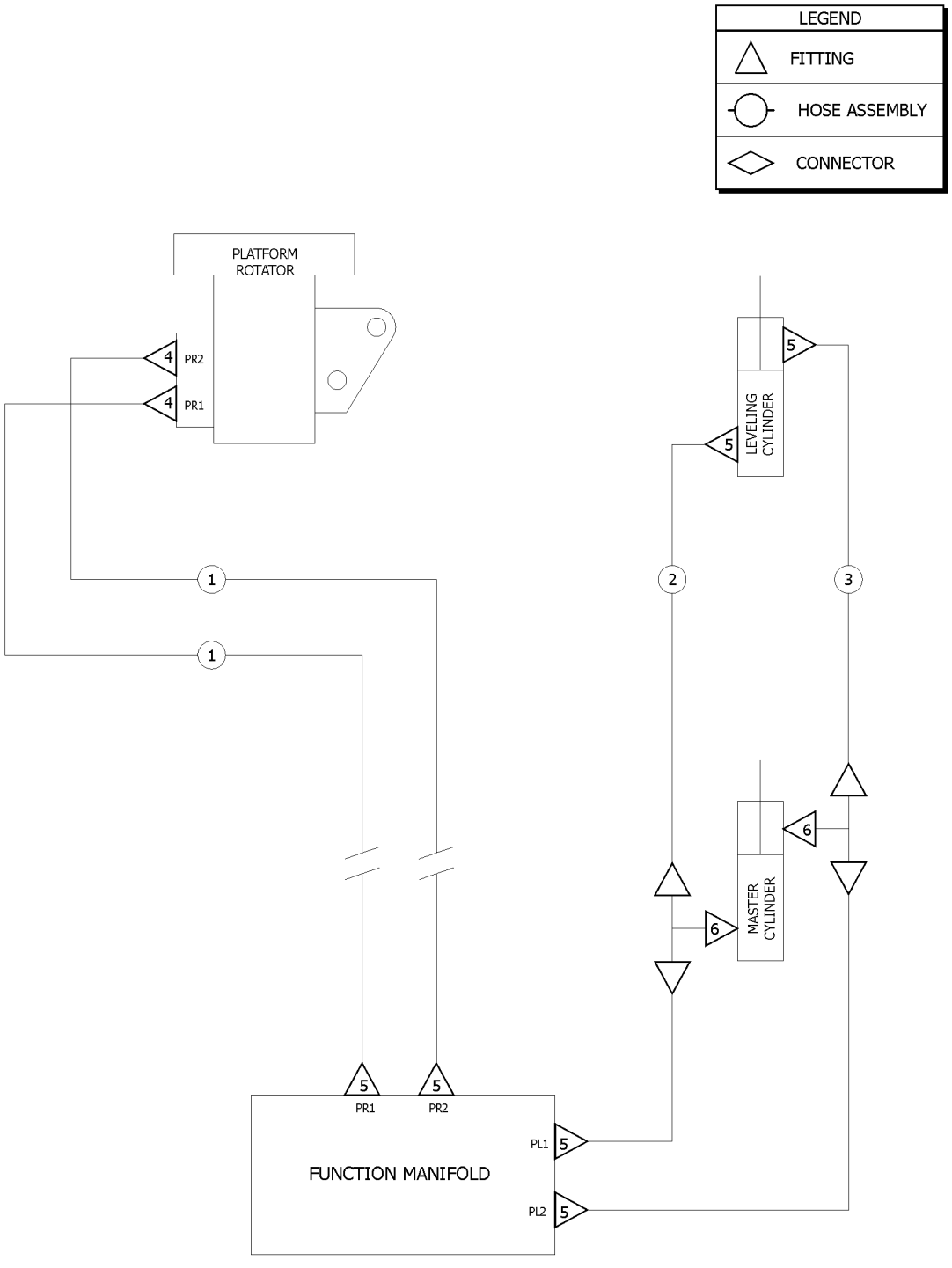
Item	Part No.	Description	Qty.
1	94464-7086GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
2	49119-6078GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
3	49119-5478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
4	1290361-5828GT	ASSY, HOSE, AIR, -8, 300, STR, 45	1
5	81812-4892GT	HOSE ASSY,1/2,STR FEM,STR FEM	4
6	49117-4991GT	HOSE ASSY,1/4,90 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	CONNECTOR, 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


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
LEFT FRONT MOTOR
RIGHT FRONT MOTOR
LEFT REAR MOTOR
RIGHT REAR MOTOR
DRIVE MANIFOLD
OSC VALVE
2SP
CD
BRK
A
B
IN
OUT
LFA
LFB
F2SP
FBK
RFA
RFB
OSC
LRA
LRB
RBK
R2SP
RRB
RRA
T3
T2

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,1/4,45 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	CONNECTOR, 520120-4	5
25	48948GT	CONN,520120-8-12	4
26	219993GT	TEE,BULKHEAD,04MFS-04MFS-04MFS	2
27	75574GT	NUT,BULKHEAD,520118-4	6
28	227614GT	CONN,520120-20	1

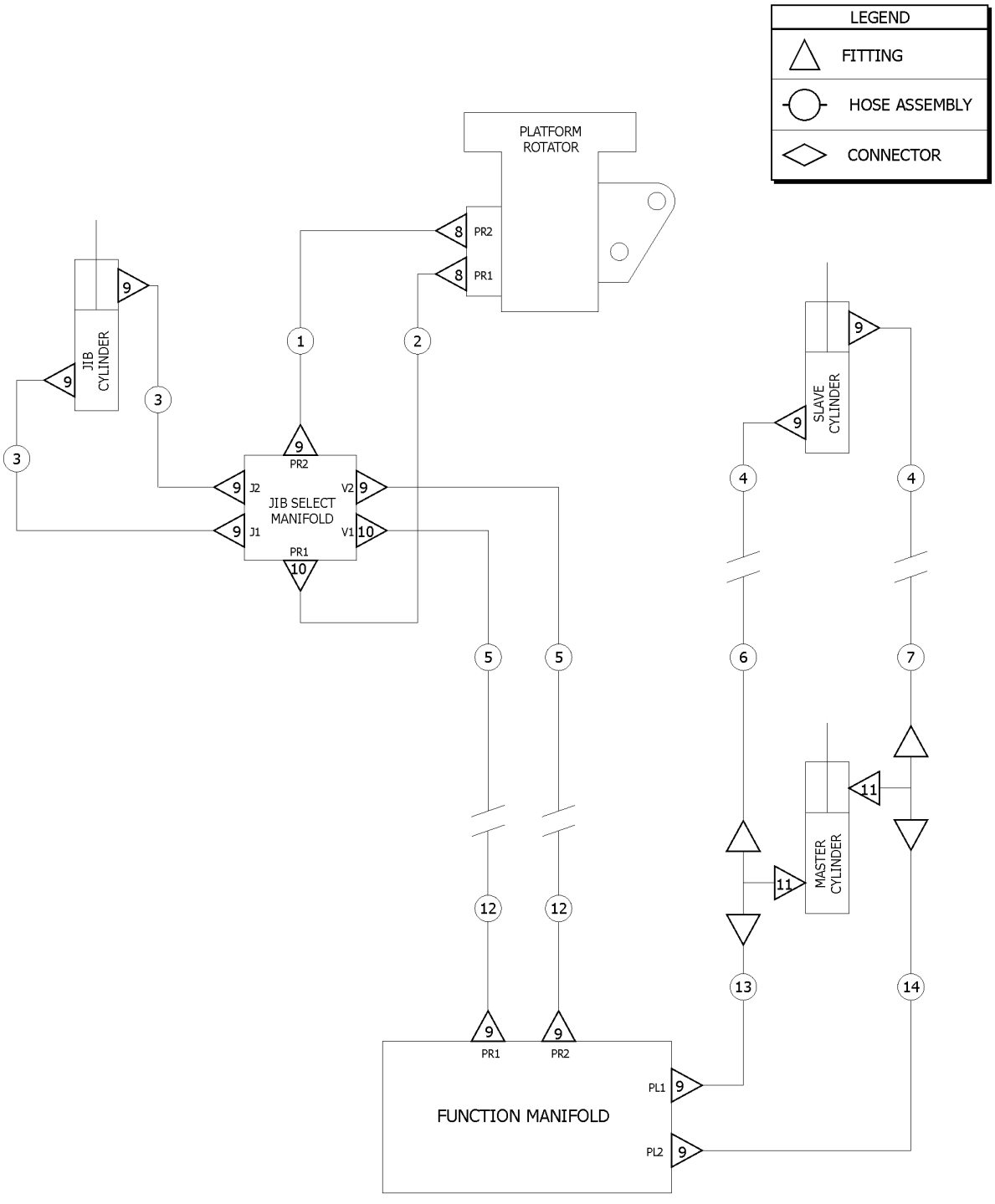

LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
LEFT FRONT MOTOR
RIGHT FRONT MOTOR
LEFT REAR MOTOR
RIGHT REAR MOTOR
DRIVE MANIFOLD
OSC VALVE
2SP
CD
BRK
A
B
IN
OUT
LFA
LFB
F2SP
FBK
RFA
RFB
OSC
LRA
LRB
RBK
R2SP
RRB
RRA
T3
T2

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	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


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
PLATFORM ROTATOR
4
PR2
4
PR1
5
LEVELING CYLINDER
5
1
1
2
3
6
MASTER CYLINDER
6
5
PR1
5
PR2
PL1
5
FUNCTION MANIFOLD
PL2
5

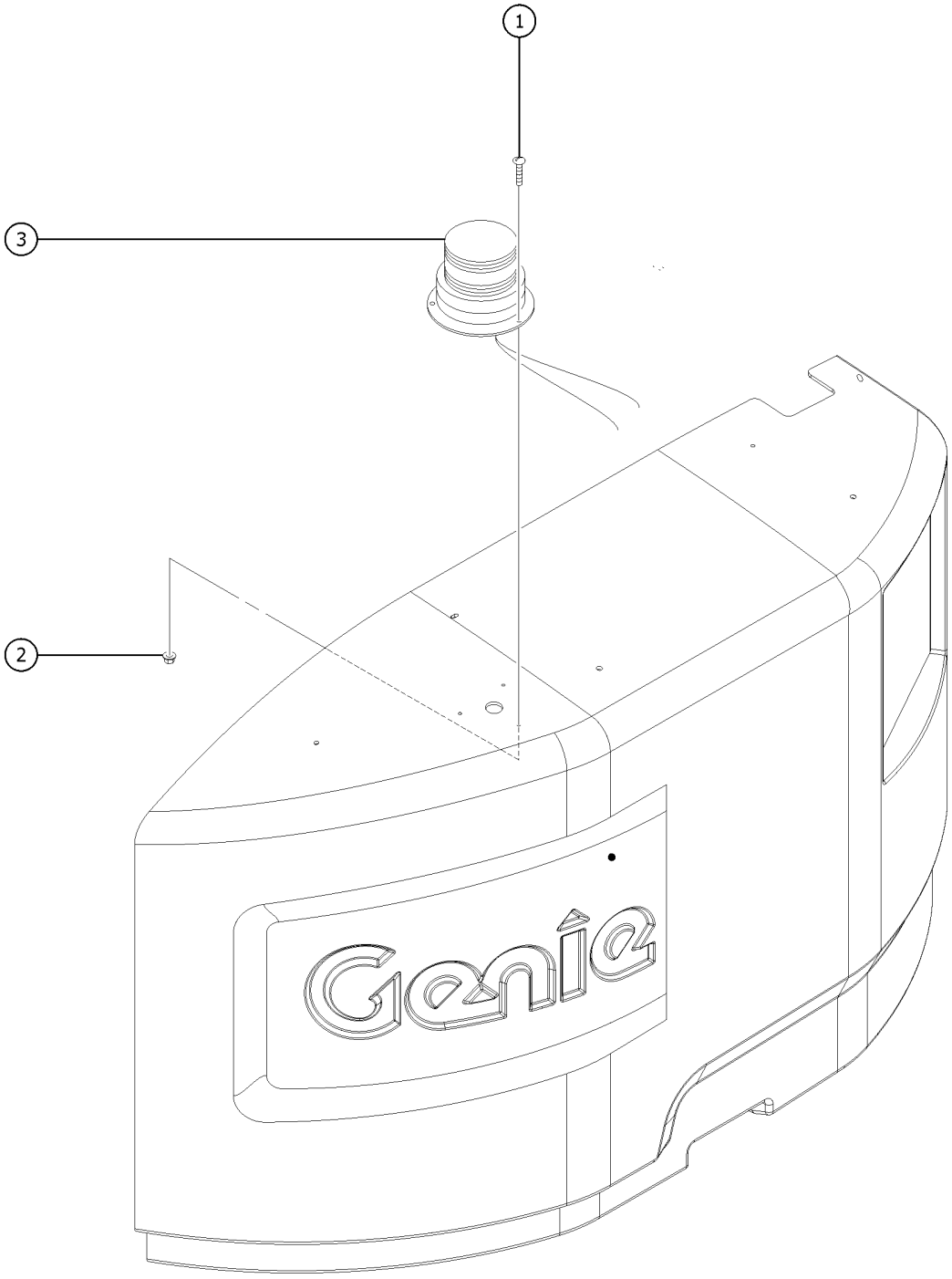
805.1 Boom Components, Z-45/25

Item	Part No.	Description	Qty.
A-	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') for item 2 and 3; Qty. 2	23 inches
1	49121-25688GT	HOSE ASSY 1/4,STR FEM,STR MALE	2
2	49119-26078GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
3	49119-27478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
4	48907GT	ELBOW,45D,520320-4	2
5	48905GT	CONNECTOR, 520120-4	4
6	48890GT	FITTING,TEE,BRANCH,520429-4***	2


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
PLATFORM ROTATOR
8 PR2
8 PR1
1
2
9
JIB CYLINDER
9
3
3
9 PR2
9 J2
V2 9
JIB SELECT MANIFOLD
9 J1
V1 10
PR1 10
9
SLAVE CYLINDER
9
4
4
6
7
5
5
11
MASTER CYLINDER
11
12
12
13
14
9 PR1
9 PR2
PL1 9
FUNCTION MANIFOLD
PL2 9

Item	Part No.	Description	Qty.
A-	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') for item 4	23 inches
B-	48767GT	SLEEVE,NYLON,1.42 ID for item 6 and 7	7 inches
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	CONNECTOR, 520120-4	8
10	48904GT	ELBOW, 90D, 520220-4	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

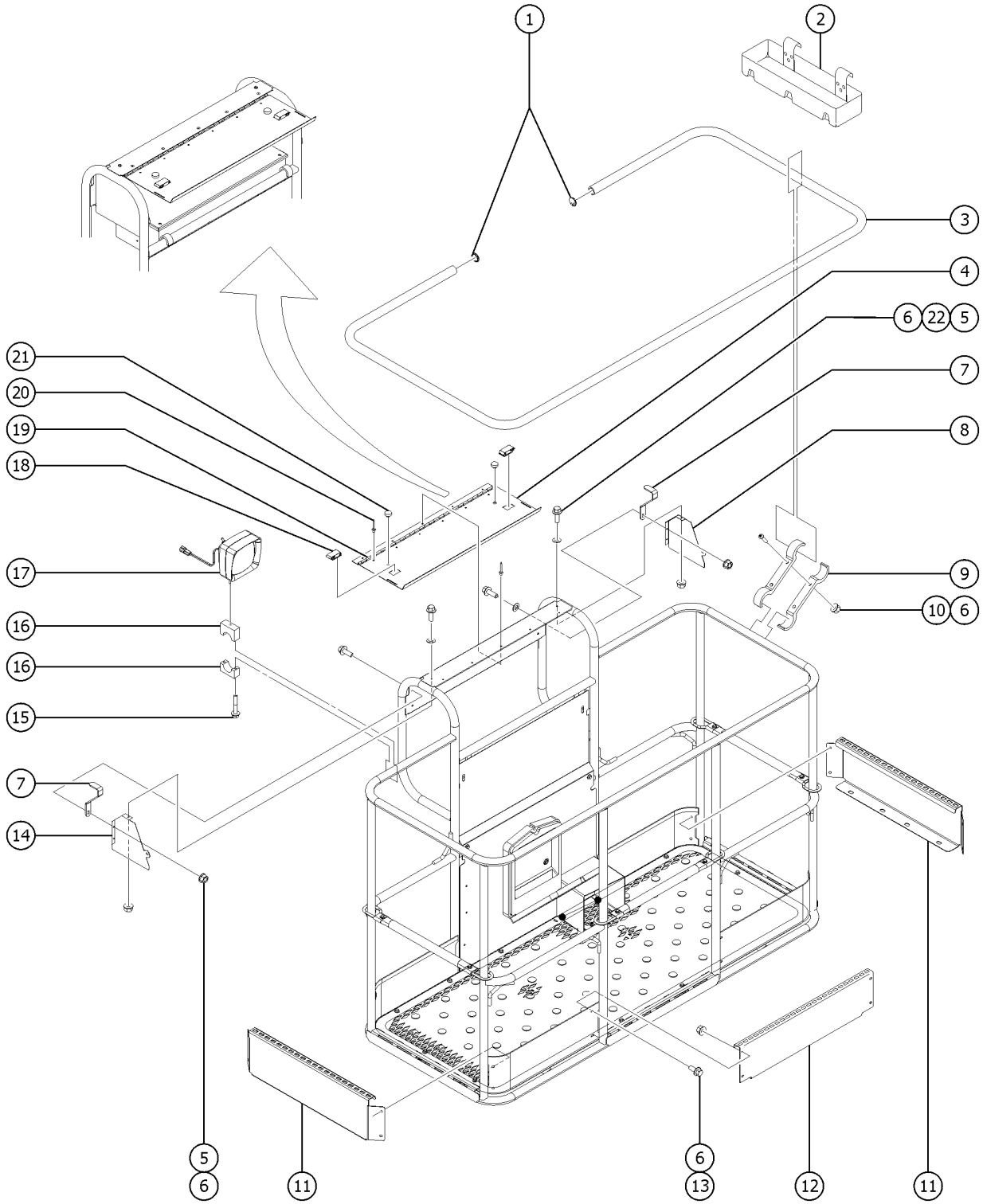
901.1 Flashing Alarm Package



901.1 Flashing Alarm Package

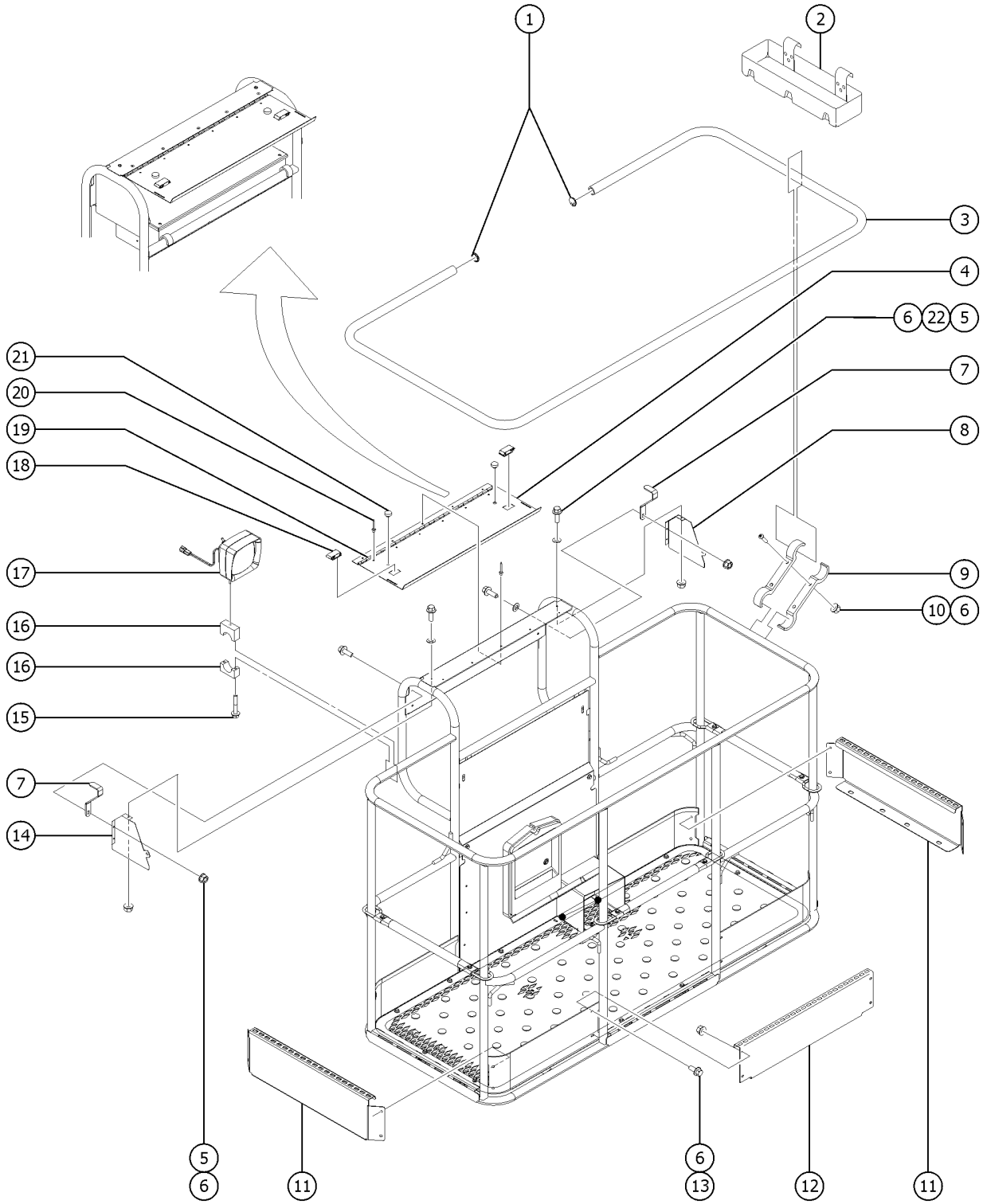
Item	*Part No.*	*Description*	*Qty.*
1	825352GT	SCREW,PHPM,10-32X1.25,ZAG	3
2	1264261GT	NUT,SERRATED,10-32,ZAG	3
3	56704GT	STROBE,FIREBOLT,12-80VDC,AMB**	1
3-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
3-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
3-	72282GT	LENS,AMBER,STROBE,FIREBOLT	

902.1 Platform Options



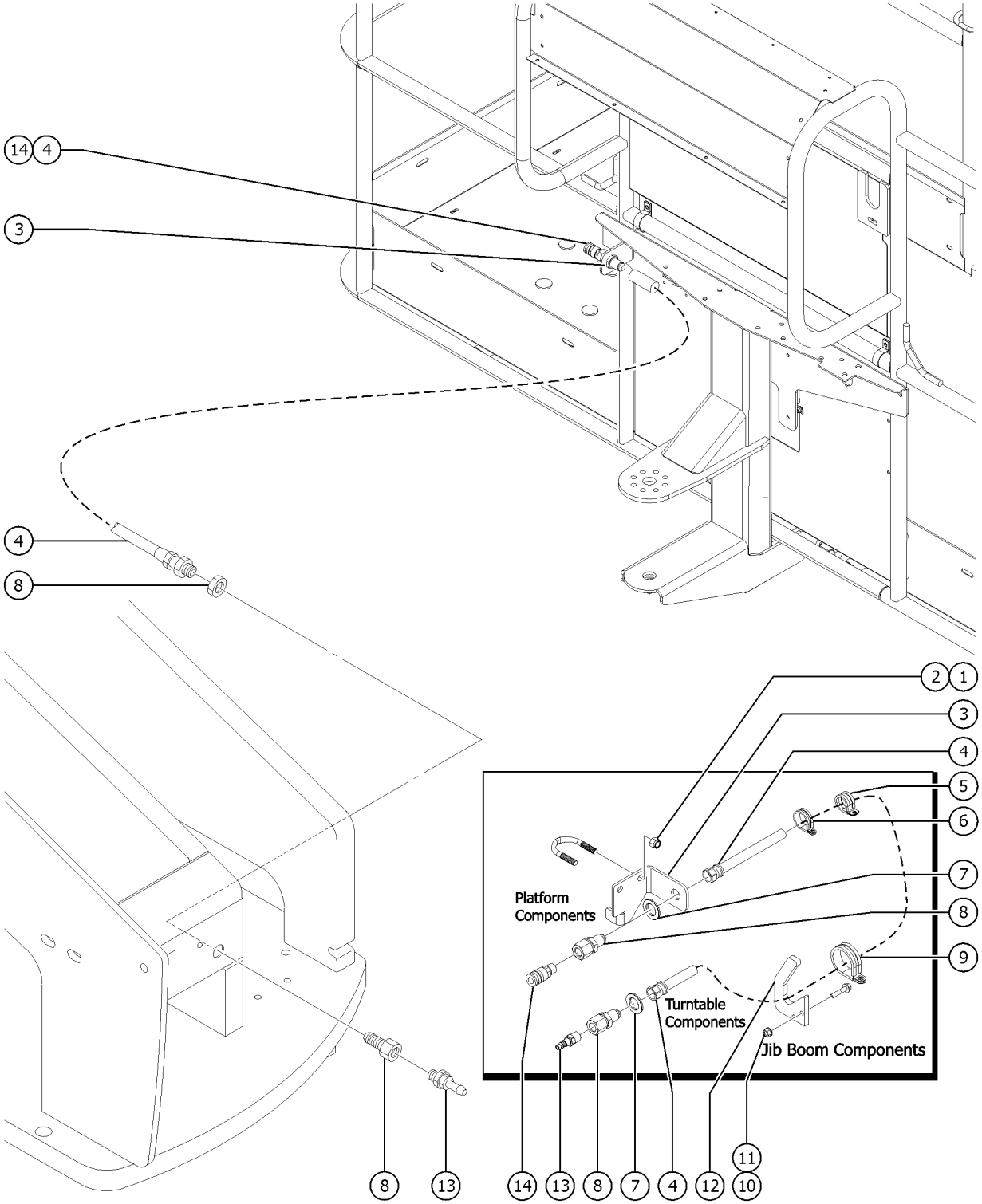
Item	Part No.	Description	Qty.
A	219684GT	HARN,DRIVE LIGHTS,Z45/Z51	
1	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
2	9599-SGT	TOOL TRAY ACCESSORY***	1
2-	7746PGT	TOOL TRAY BRACKET (GRAY)	
3A		Ref. PINCH GUARD RAIL,6' PLATFORM (refer to 922.1)	1
3B		Ref. AUX TOP RAIL,6FT,PTD (refer to 922.1)	1
4	102785PGT	CONTROL 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, 1/4-20 X 1, ZAG	
11	139438GT	TOEBOARD, TRI ENTRY 6', EURO	2
12	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
13	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	
14	88607PGT	COVER,CONTROL BOX LEFT SIDE***	1
15	824081GT	SCREW, HHF, 1/4-20 X 1.5, 8, ZAG	4
16	35956GT	WORK LIGHT MOUNTING BRACKET	2
17	71498GT	WORKLIGHT, 12V, DEUTSCH RECEPT	2
17-	824085GT	SCREW, HHF, 5/16-18 X .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

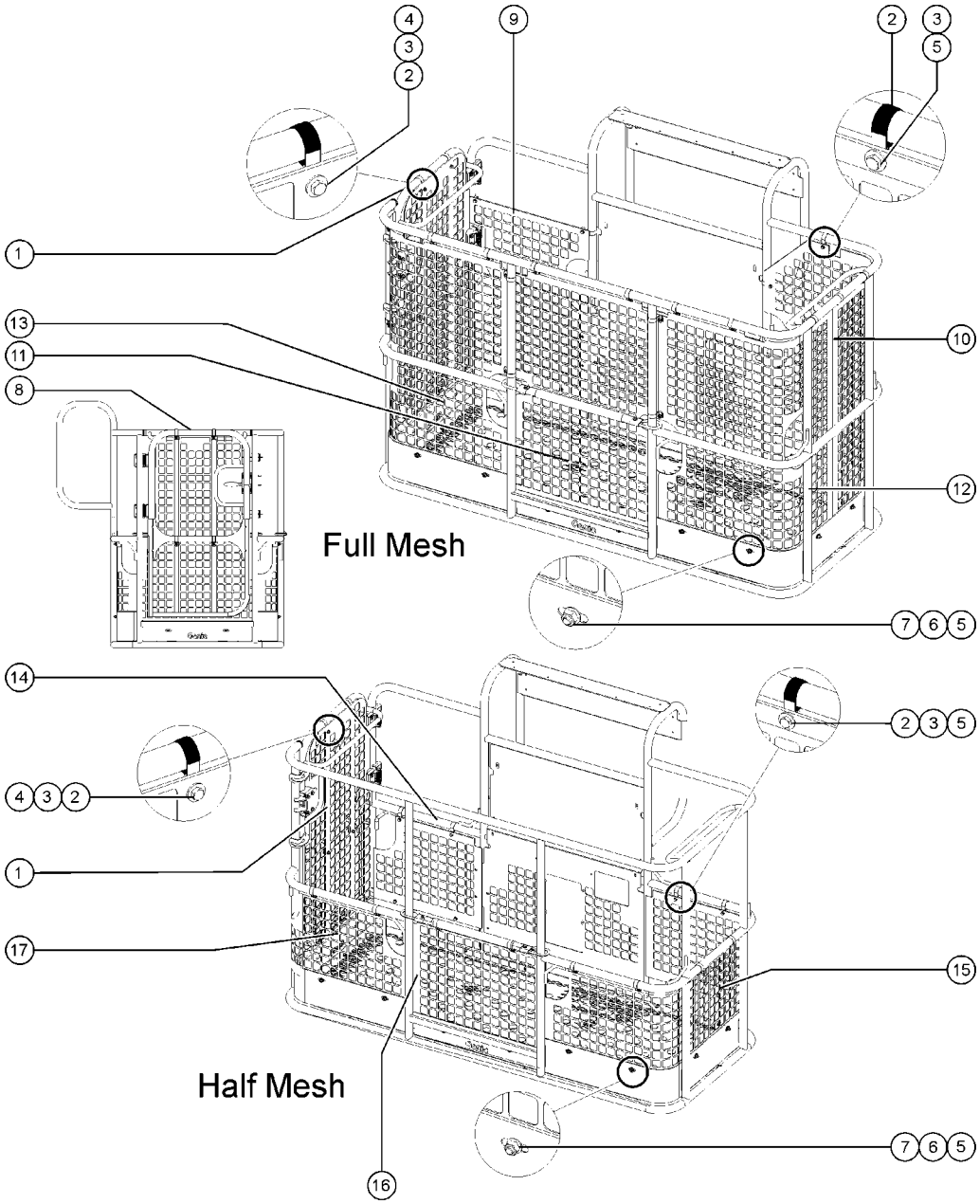


Item	Part No.	Description	Qty.
21	43392GT	BUMPER,BATTERY BOX & RAILS	2
22	824113GT	WASHER,FLAT,USS,1/4,ZAG	

903.1 Air Line to Platform

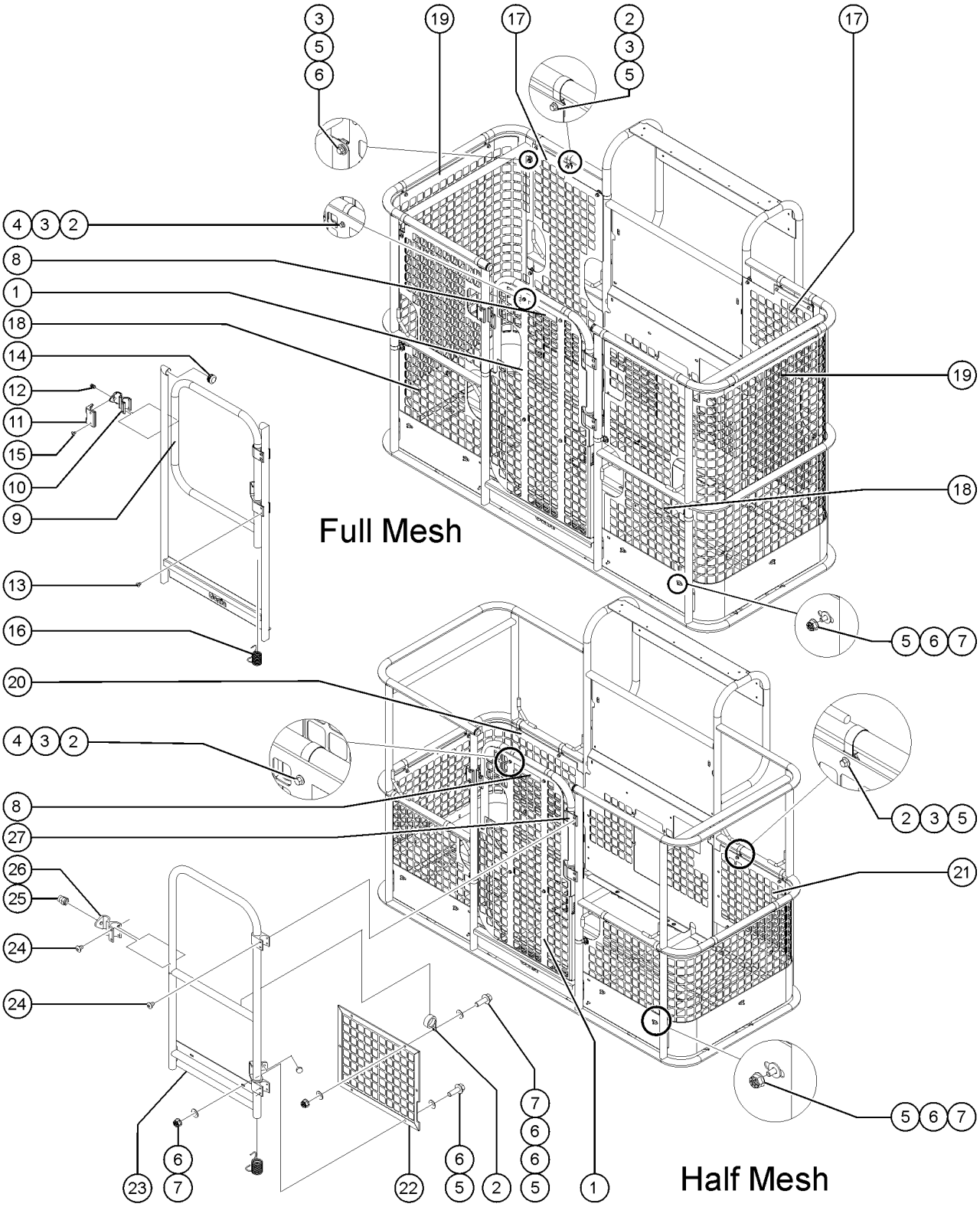


Item	Part No.	Description	Qty.
A		DECAL,LABEL,AIRLINE 110 PSI refer to 101.1	
B	110149GT	CABLE TIE,DFT MOUNT,BLK,6.5"	4
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
2	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	1
3	70642PGT	BRACKET,AIR HOSE TO PLAT PAINT	1
4	70644-75792GT	HOSE ASSY,3/8 STR FEM STR FEM*	1
4-	16073GT	CLAMP,0.63,#10 X 1/4,RUB CUSH	
5	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	6
6	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	6
7	1256863GT	WASHER,FLAT,.75,F436,HRD,ZAG	2
8	49212GT	FEMALE BULKHEAD CONNECTOR-8	2
9	66031GT	CLAMP,1.88,#30 X 3/8,RUB CUSH Jib models only	2
10	824027GT	NUT, TL FLG, 1/4-20, G, ZAG Jib models only	
11	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG Jib models only	
12	128482GT	HOSE GUIDE, JIB Jib models only	1
13	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	1
14	49215GT	MPT,CPLR,1/4"SER,3/8"X18	1


Full Mesh
Half Mesh

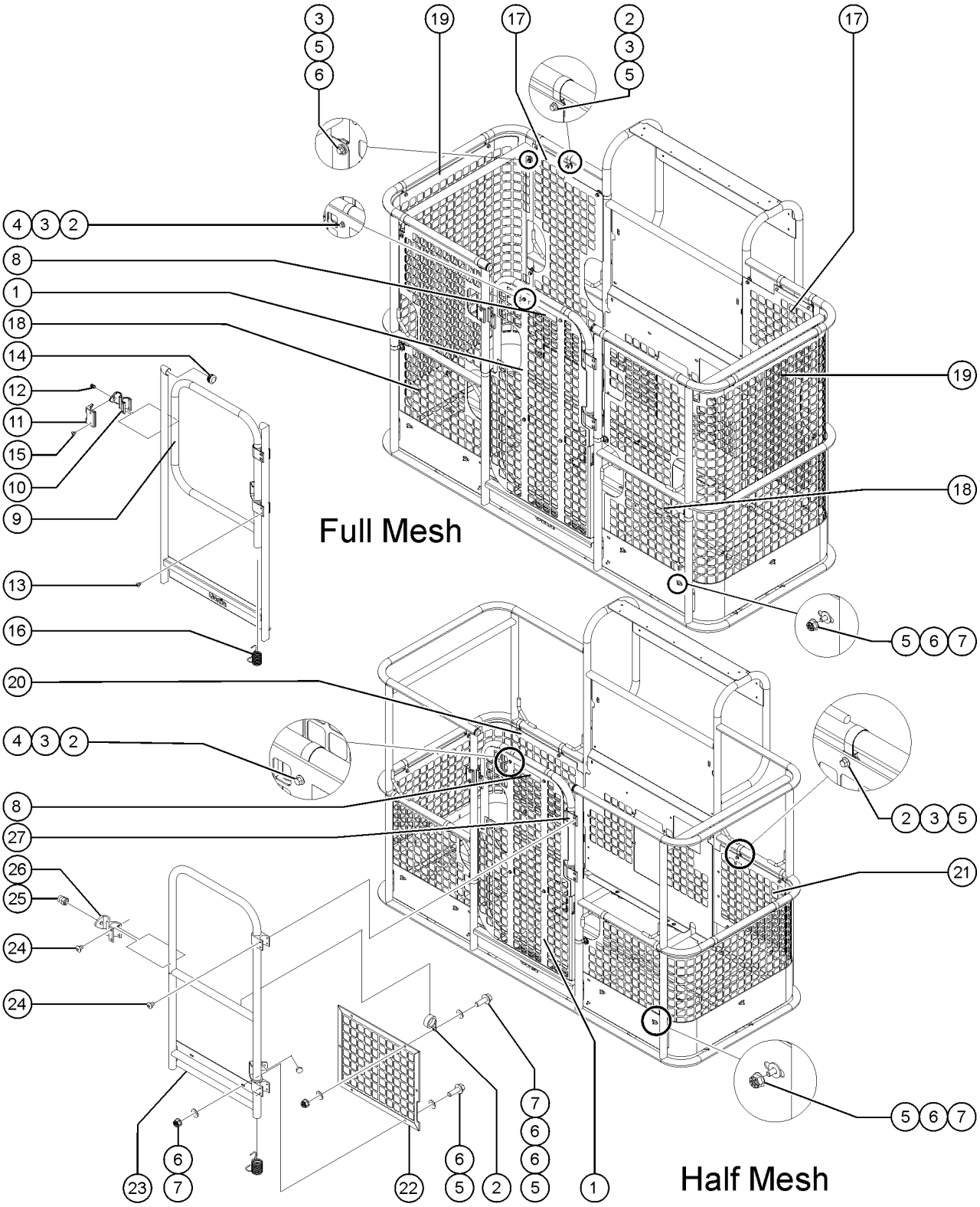
Item	Part No.	Description	Qty.
-	1286622GT	KIT, 6' FULL MESH,SIDE GATE	
-	1275282GT	KIT, 6' HALF MESH,SIDE GATE	
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG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

904.2 Platform Mesh-Front Single Entry



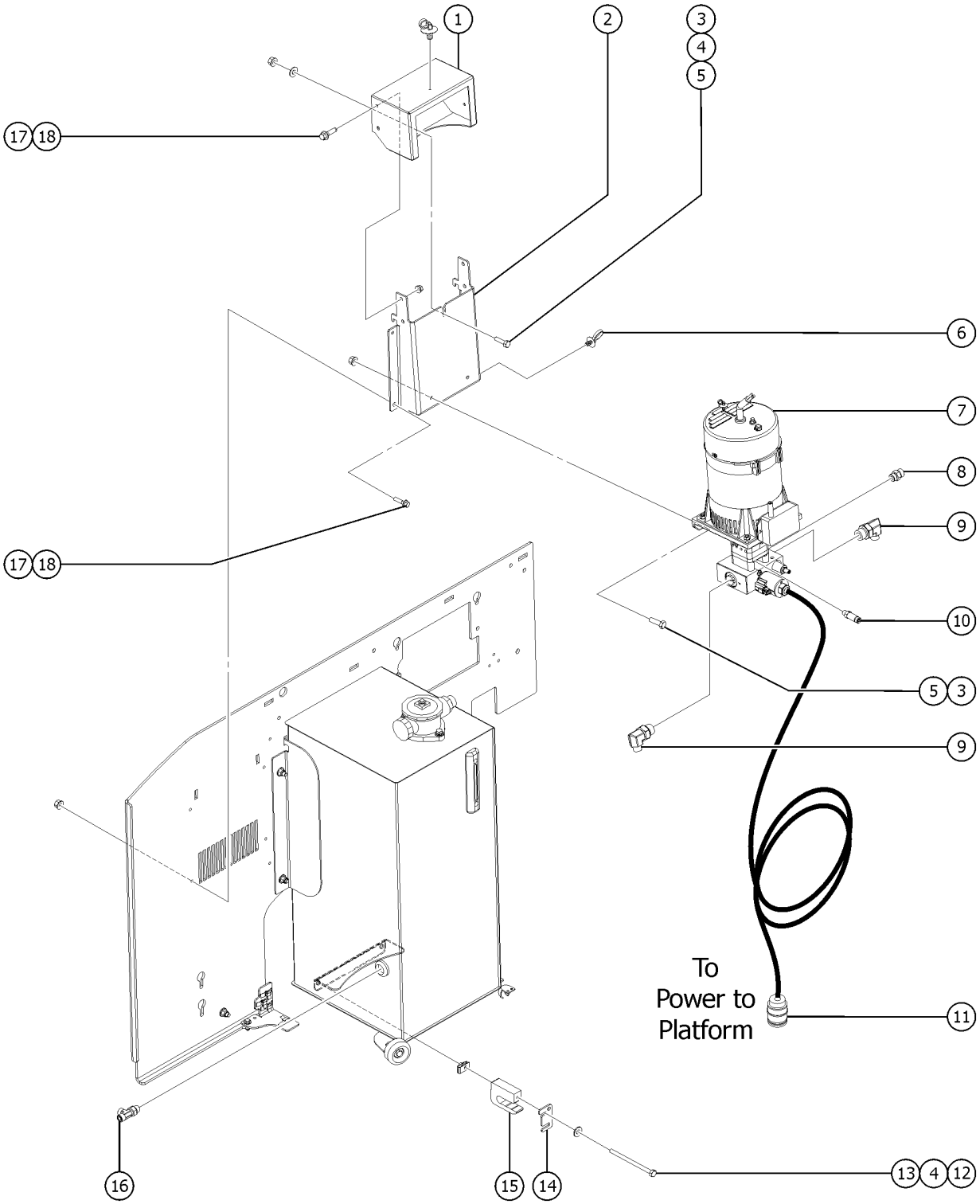
Item	Part No.	Description	Qty.
-	1290895GT	KIT, 6' FULL MESH W/FRONT HALF GATE	
-	1290893GT	KIT, 6' HALF MESH W/FRONT HALF GATE	
-	1290135GT	KIT,HALF FRONT,SWING GATE (Includes items 9-16)	
-	128368GT	KIT,SWING GATE W/SPRING (Includes items 23) (doesn't include 63311, 1487, and 1488)	1
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
6	824113GT	WASHER,FLAT,USS,1/4,ZAG	
7	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
8	1282390GT	LABEL, LIFT GUARD, PLATFORM MESH	1
9	1283880GT	WELDMENT,ALUM HALF GATE	1
10	1487GT	GATE LATCH CASTING--DRILLED	1
11	1488GT	RAILING CATCH CASTING--DRILLED	1
12	33674GT	PIN,LOCK,SHORT***	1
13	43392GT	BUMPER,BATTERY BOX & RAILS	1
14	55753GT	BUMPER, PLASTIC, 1.25 O.D.	3
15	824207GT	RIVET, STL, STL, DOME, 1/4 X .375, ZAG	14
16	42104GT	SPRING,SHORT PLATFORM GATE	1
A		FULL MESH	
17	1291429GT	MESH, FULL 6',BACK PANEL 6 feet platform	2
18	1291430GT	MESH, FULL 6',FRONT PANEL 6 feet platform	2
19	1291428GT	MESH, FULL 6',SIDE PANEL 6 feet platform	2
B		HALF MESH	
20	101852GT	MESH,HALF,LH 5' PLATFORM 5 feet platform	
21	101853GT	MESH,HALF,RH 5' PLATFORM 5 feet platform	
C		FULL GATE	

904.2 Platform Mesh-Front Single Entry



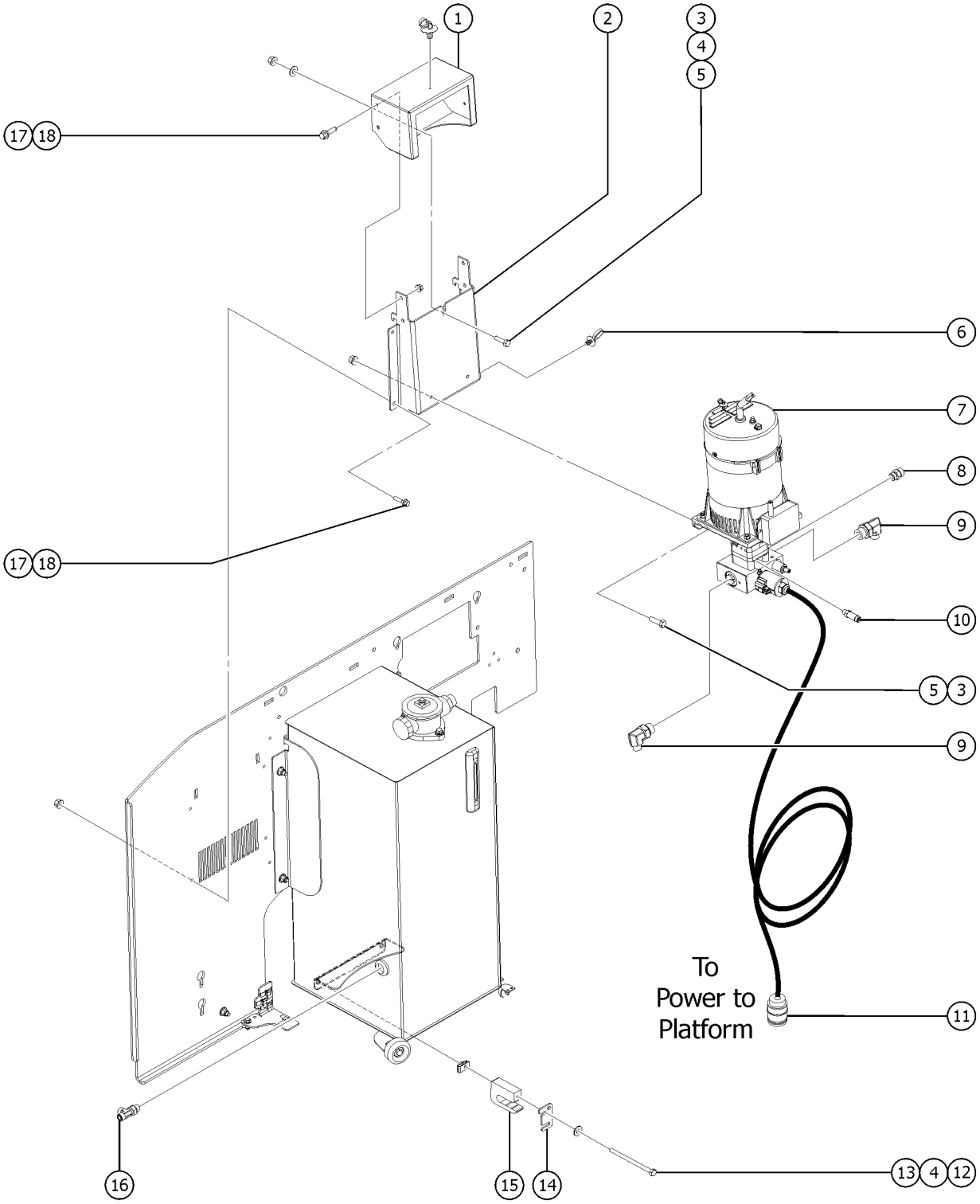
Item	*Part No.*	*Description*	*Qty.*
22	54457GT	MESH,HALF,SWING GATE***	1
23	128374GT	WELDMENT,SWING GATE,ALUMINUM	
23-	42104GT	SPRING,SHORT PLATFORM GATE	
23-	43392GT	BUMPER,BATTERY BOX & RAILS	
24	824207GT	RIVET, STL, STL, DOME, 1/4 X .375, ZAG	
25	63311GT	SNAP PIN	
26	1487GT	GATE LATCH CASTING--DRILLED	
27	1488GT	RAILING CATCH CASTING--DRILLED	

905.1 Hydraulic Generator



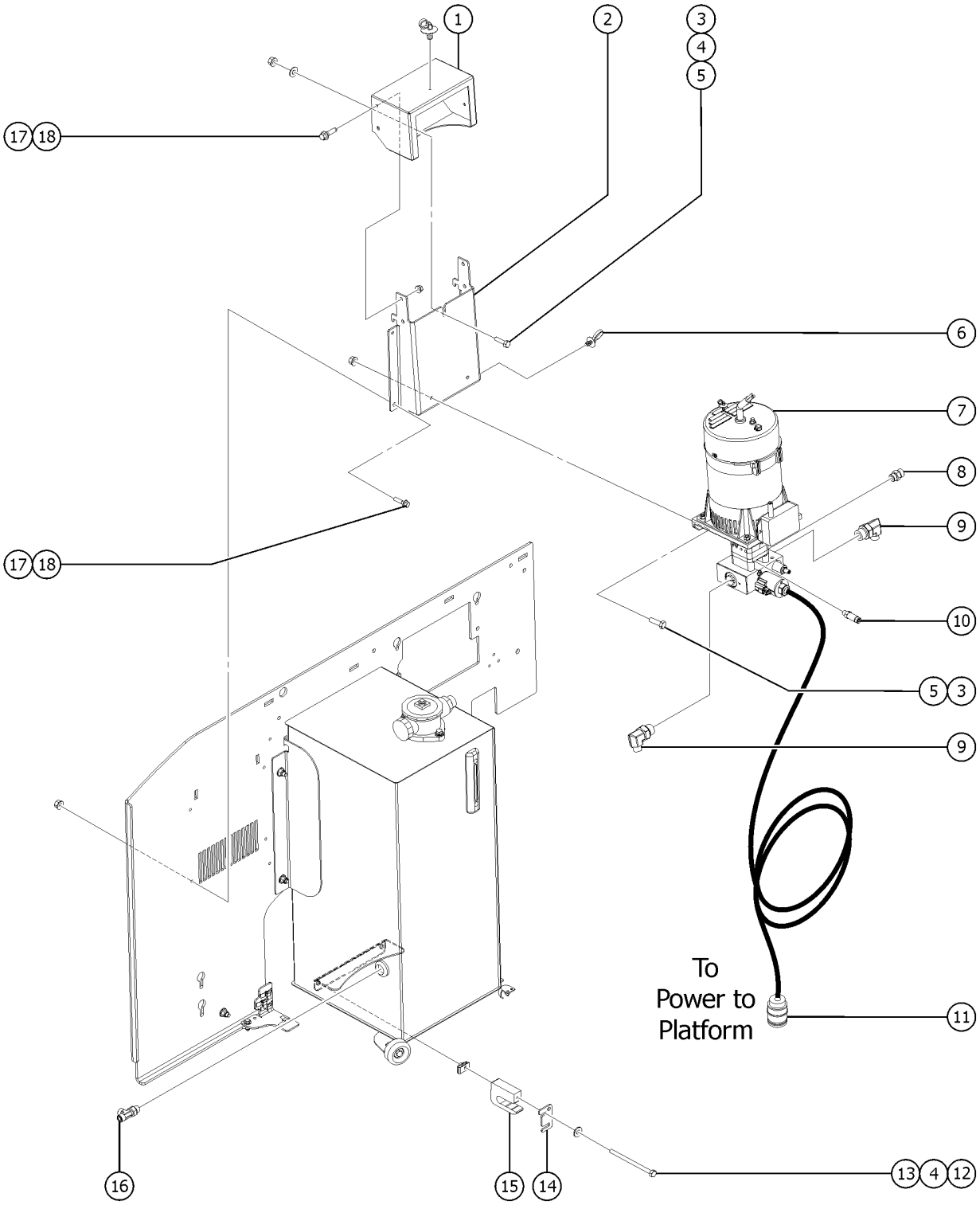
Item	Part No.	Description	Qty.
1	160358GT	COVER,GENERATOR	1
2	231570GT	FORMING,GENERATOR MOUNT	1
3	1264101GT	SCREW,HHC,5/16-18X1,8,ZAG	5
4	824113GT	WASHER,FLAT,USS,1/4,ZAG	3
5	824028GT	NUT,TL FLG,5/16-18,G,ZAG	5
6	110149GT	CABLE TIE,DFT MOUNT,BLK,6.5"	6
7A	147265GT	GENERATOR, 2kW, 120V/60Hz 120V/60HZ	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, DEUTSCH, DT, ENDCAP 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, DEUTSCH, DT, ENDCAP 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



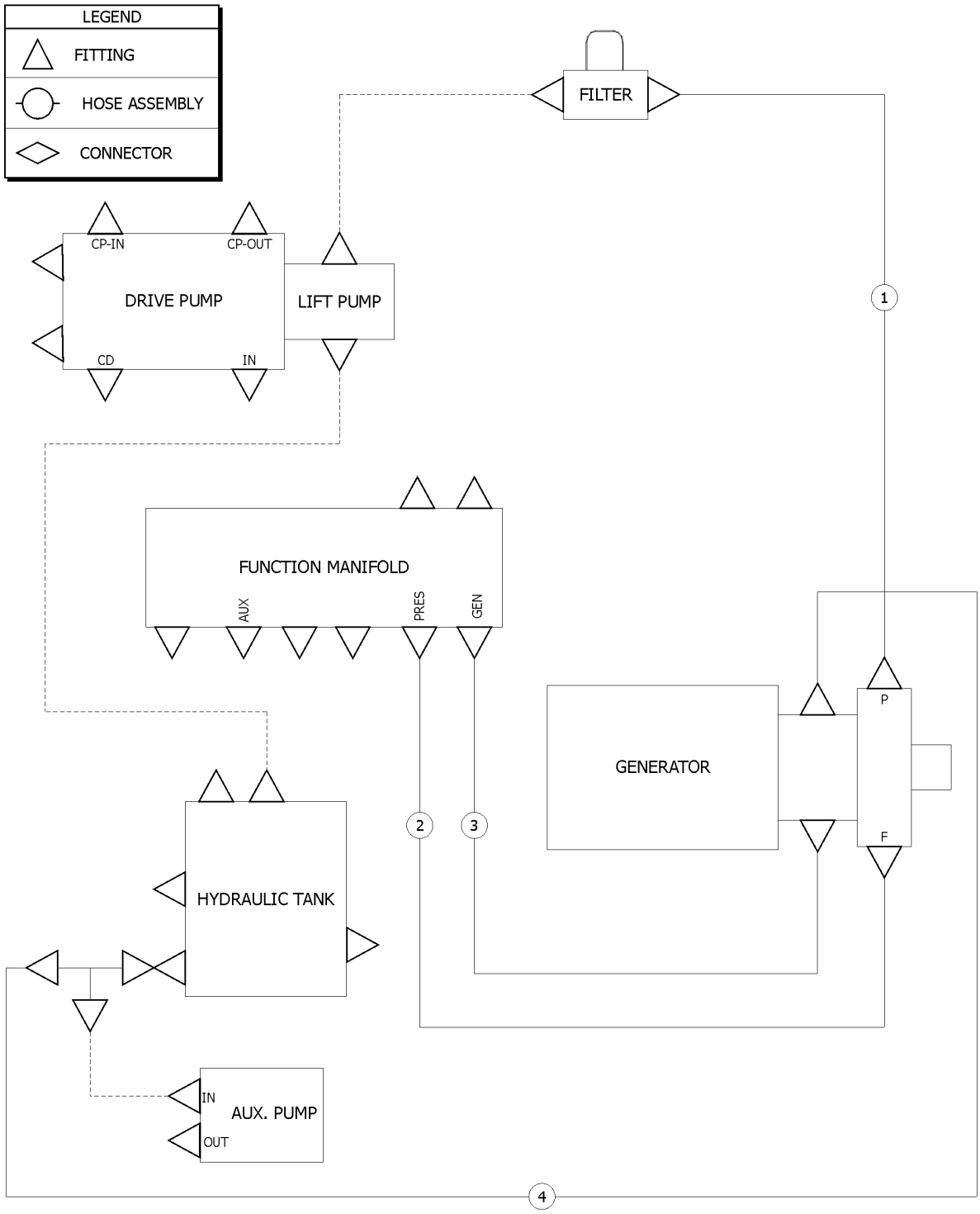
Item	Part No.	Description	Qty.
7B-	1255646GT	MANIFOLD ASSEMBLY, GEN 2.2KW for 147266	
7B-	1259443GT	12VDC PROPORTIONAL VALVE, PV70 for 147266	
7B-	147275GT	VALVE, RELIEF, GEN, 2.2kW for 147266	
7B-	147274GT	204 HYD MOTOR, GEN for 147266	
7B-	147231GT	SEAL KIT, HYD MOTOR, GEN for 147266	
7B-	147278GT	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, DEUTSCH, DT, ENDCAP 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



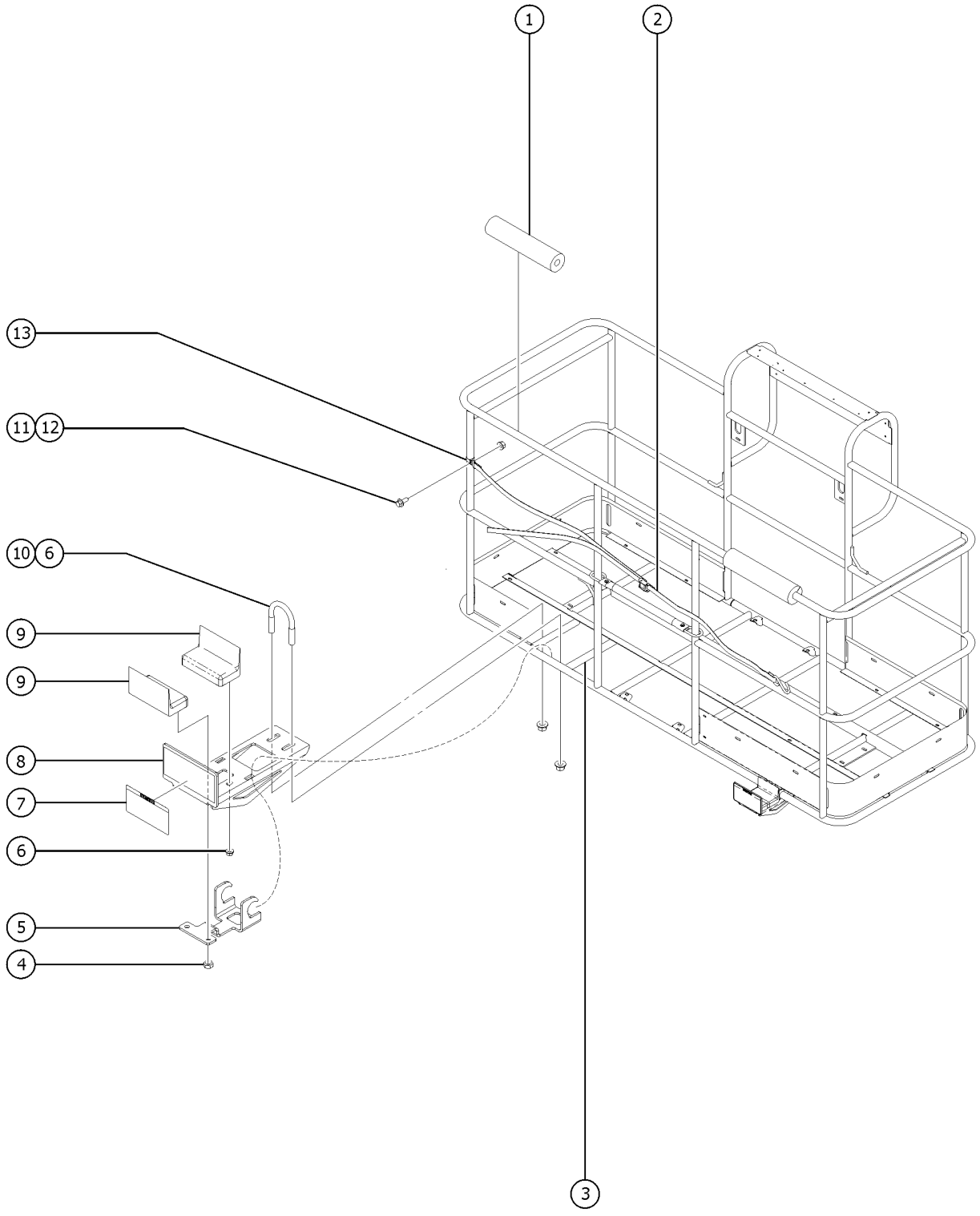
Item	Part No.	Description	Qty.
13	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
14	160356GT	PLATE,CLAMP,HYD HOSE	2
15	160355GT	CLAMP,PLASTIC,HYD HOSE	2
16	48935GT	TEE,RUN, 520428-8	1
17	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	8
18	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	8

906.1 Hydraulic Hoses and Fittings - Generator Option



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,STR FEM,STR FEM (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

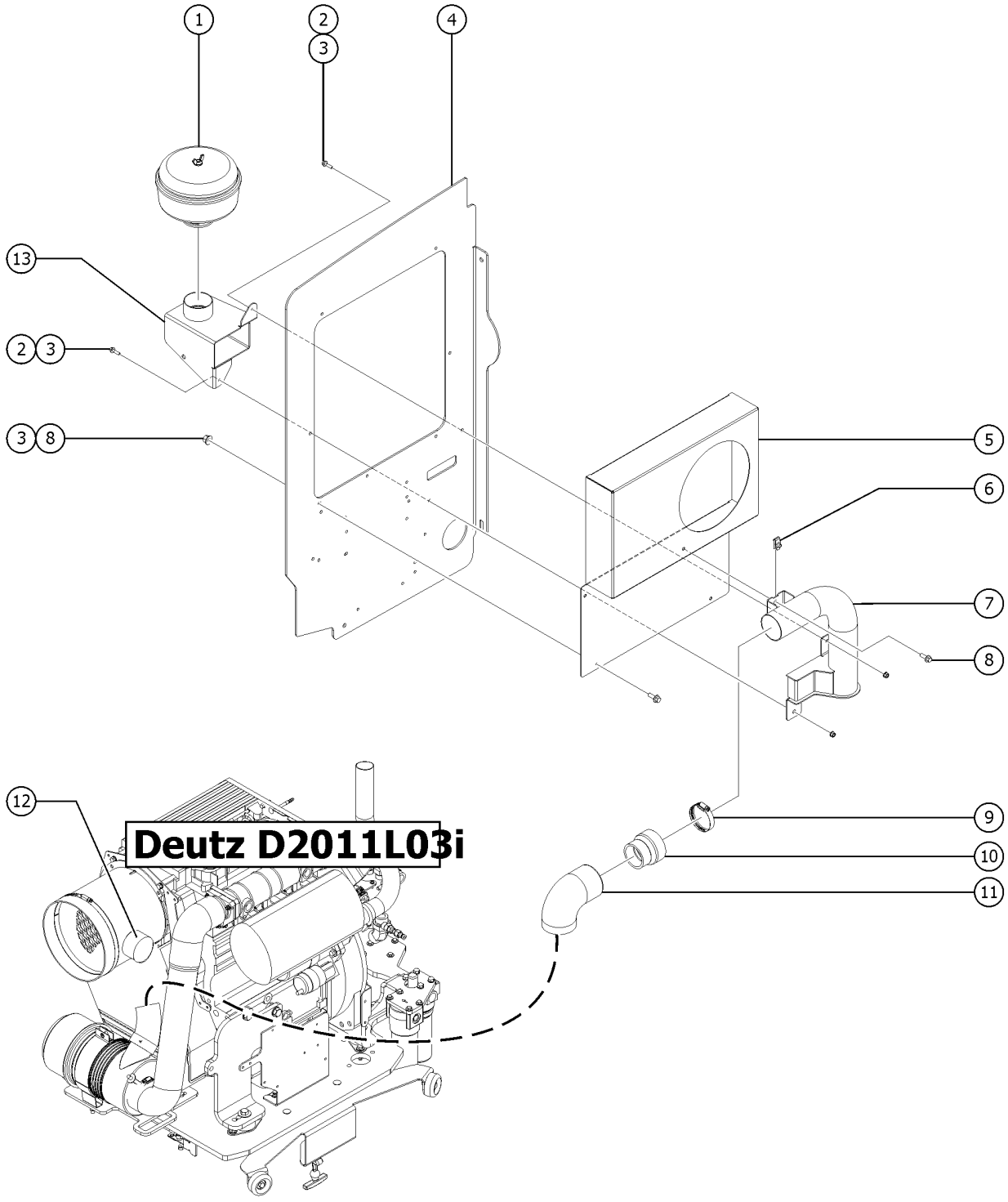
907.1 Panel Cradle Option



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,F,ZAG	8
4	5397GT	WASHER, FLAT, USS, 5/16-18 for machines before 2010	
5	228849GT	FORMING,SECONDARY SUPPORT 77576P is no longer available. For machines before 2010, must install Qty 2 service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	2
6	228848GT	FORMING PANEL CRADLE 89724 is no longer available. For machines before 2010, must install Qty 2 service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	2
6-	233992GT	KIT,PANEL CRADEL BRACKET,WORD (ANSI 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, 1.5DIA. X 3/8 UNC,ZAG	2
9	73463-1175GT	TUBE, RD, ALUM, 1.25 X .083 X 11.75	2
10	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	1
11	6638GT	WASHER, FLAT, USS, 1/4"Y for machines before 2010	
12	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	1
13	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	1

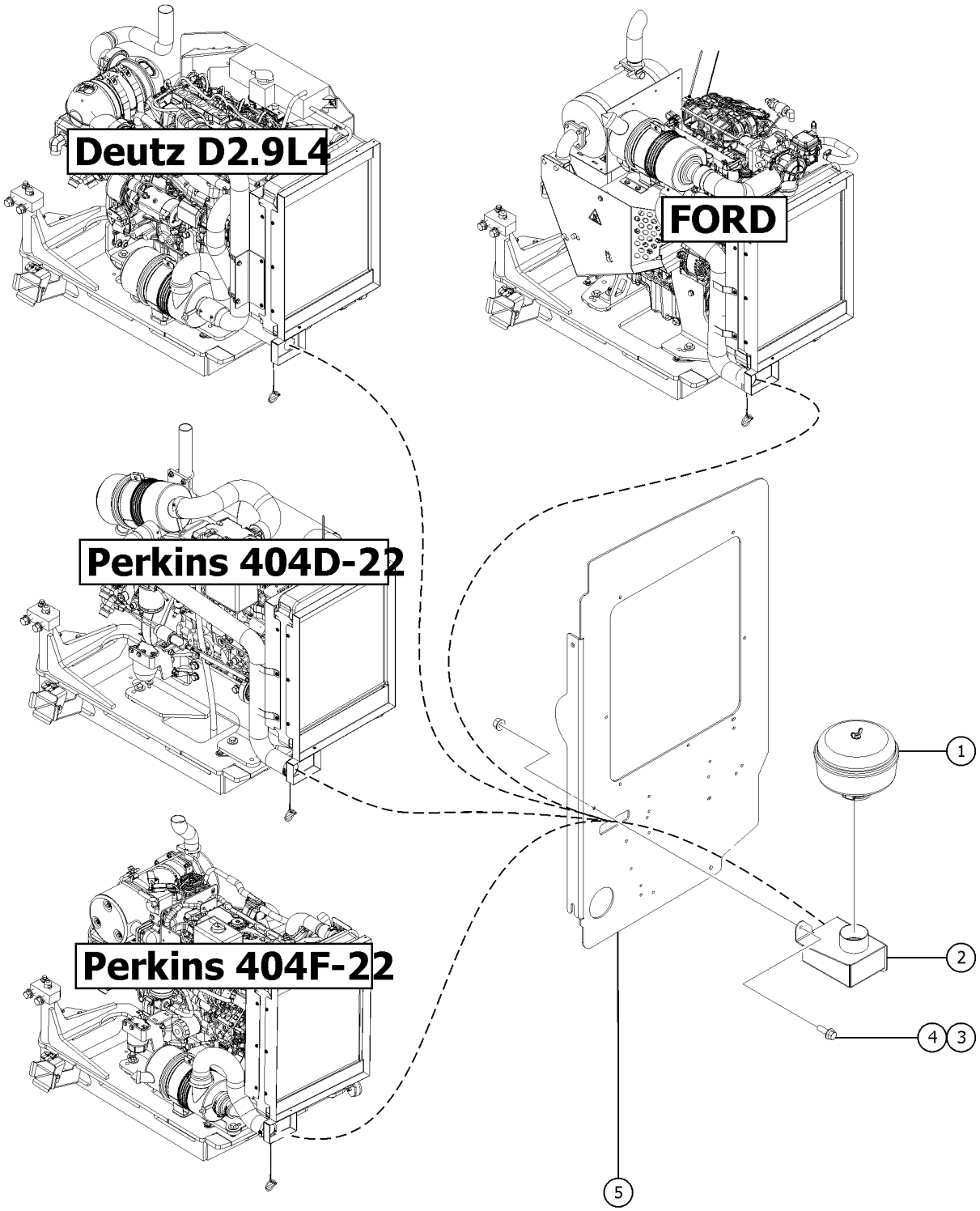
908.1 Hostile Environment Package - Engine Air Pre Cleaner (Deutz D2011L03i)



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

Item	Part No.	Description	Qty.
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 refer to 309.1	1
5		REF. FORMING, DEUTZ AIR INTAKE BAFFLE refer to 401.1	1
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	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

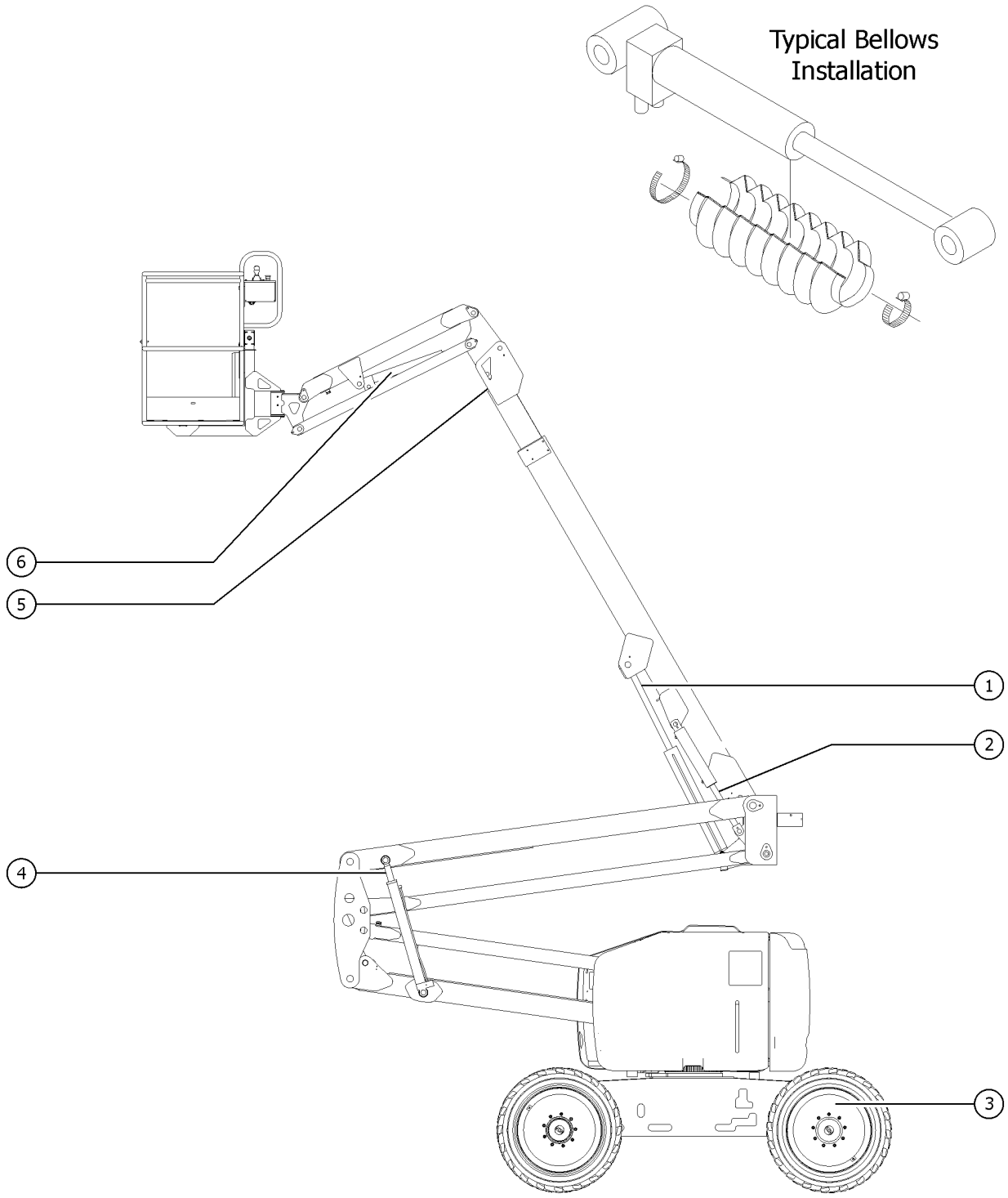
909.1 Hostile Environment Package - Engine Air Pre Cleaner (Ford, Perkins and Deutz D2.9L4)



909.1 Hostile Environment Package - Engine Air Pre Cleaner (Ford, Perkins and Deutz D2.9L4)

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 refer to 309.1	1

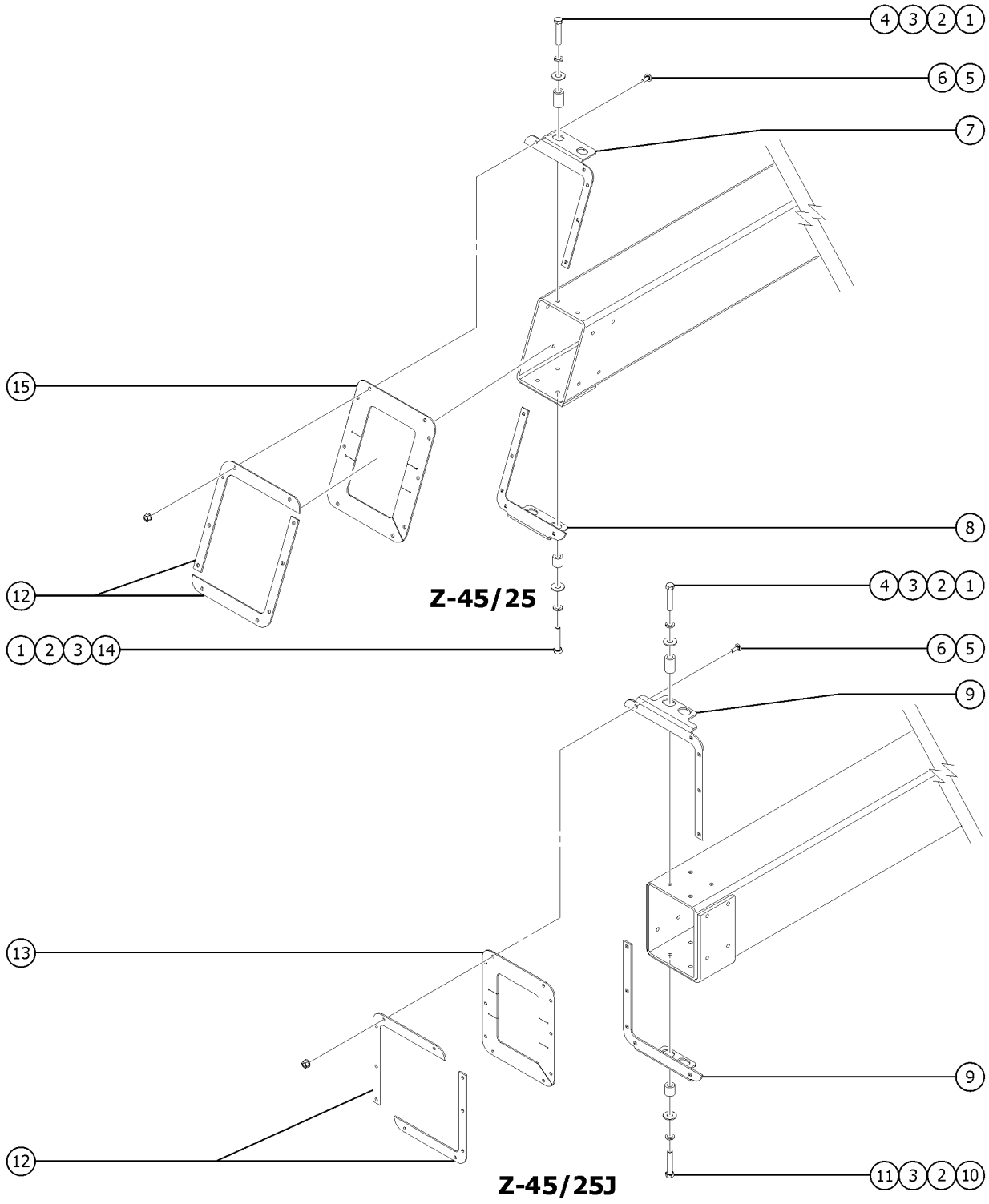
910.1 Hostile Environment Package - All Models View 1



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***	

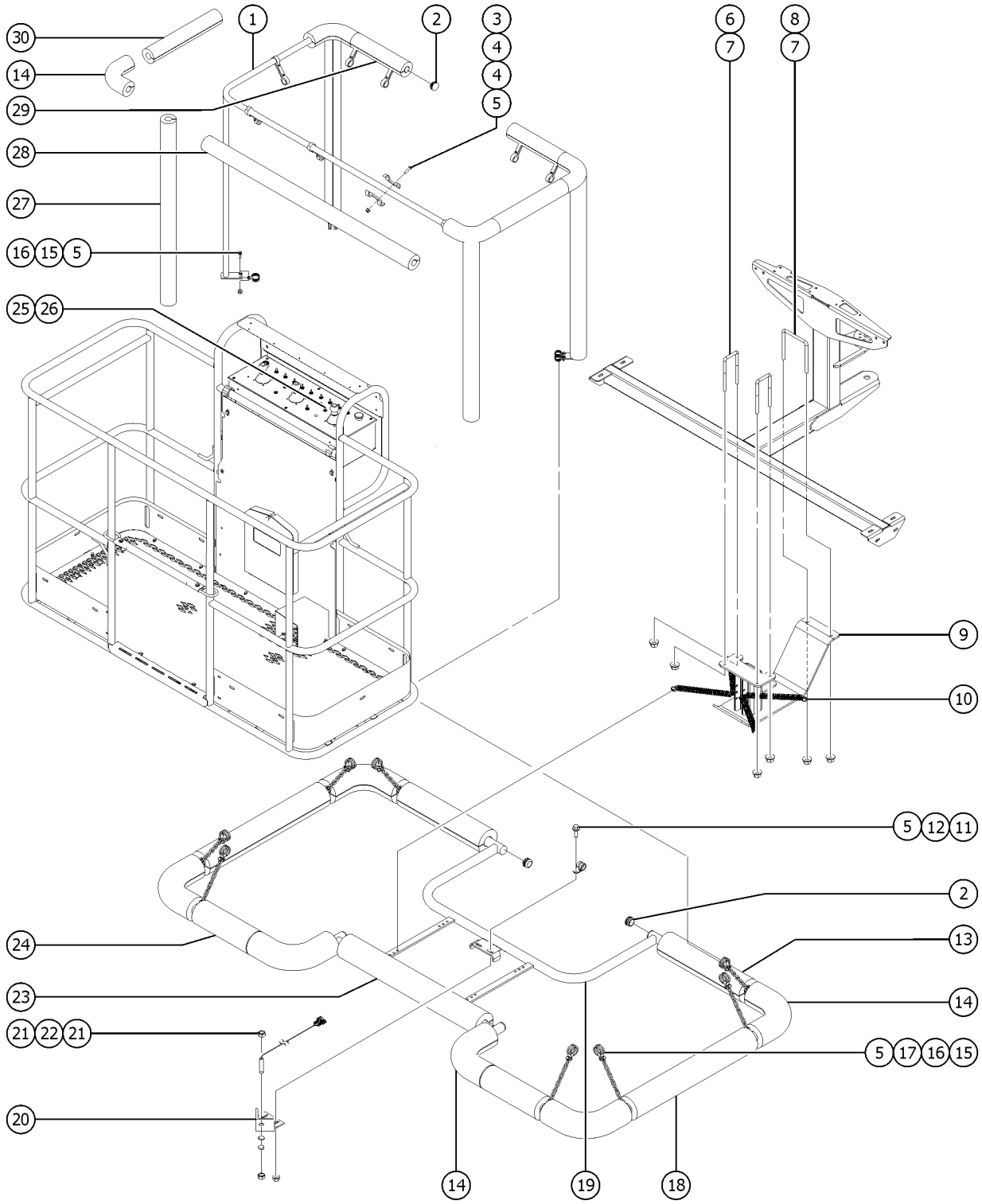
911.1 Hostile Environment Package - All Models View 2



911.1 Hostile Environment Package - All Models View 2

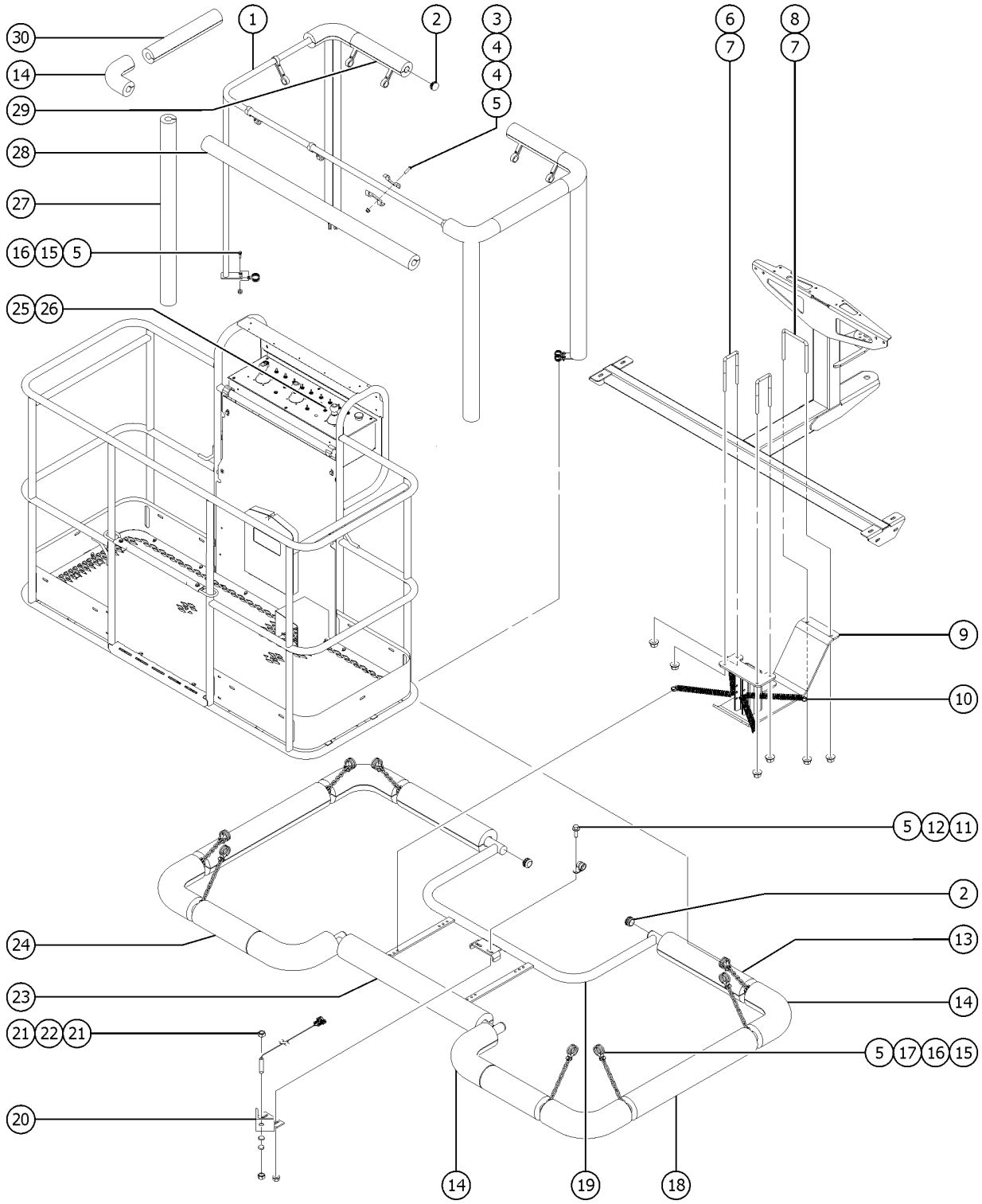
Item	Part No.	Description	Qty.
A		KIT, WIPER, Z-45/25 includes items 1 - 8, 14 and 15 (no longer available)	
B	147184GT	KIT, WIPER, Z-45/25J includes items 1 - 6, and 9-13	
1	1256108GT	SCREW,HHC,3/8-16X2,8,ZAG	
2	824110GT	WASHER, LOCK, 3/8, ZAG	4
3	1255758GT	WASHER,FLAT,3/8,USS,ZAG	4
4	128852GT	TUBE,RD,STL,DOM,.75X.438X1.25	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 .75 X .437 X .78	2
15	147044GT	WIPER,PRIMARY BOOM 190Non Jib Models	1

912.1 Aircraft Protection Package



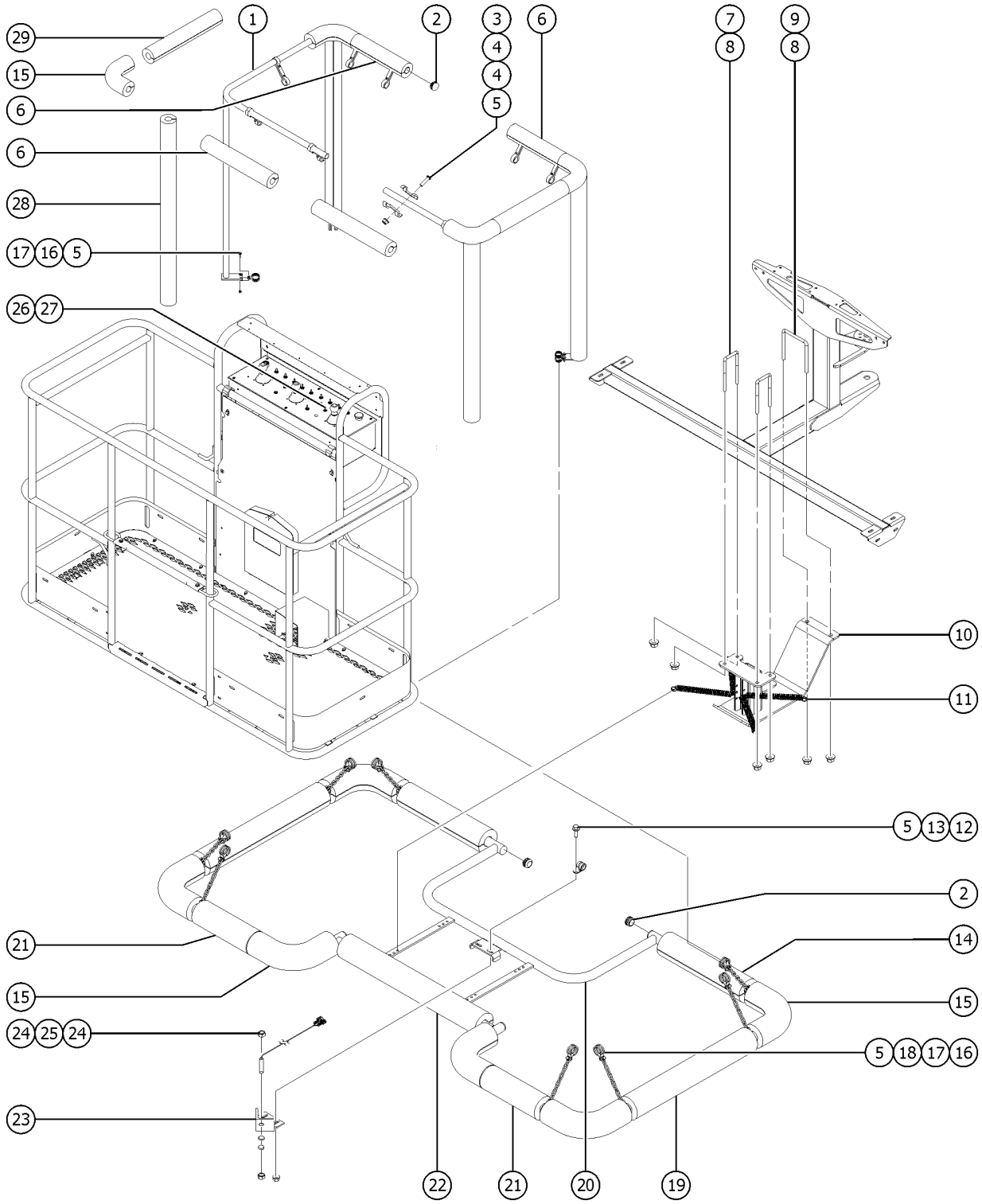
Item	Part No.	Description	Qty.
A	1262314GT	HARNESS, PBOX, PROX KILL includes items 21 and 22	1
1	46188GT	WELDMENT, AIRCRAFT TOP BUMPER	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	6
3	824227GT	SCREW, BHC, 1/4-20 X 1, ZAG	20
4	122073GT	SUPPORT, RAILING	20
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	46
6	66472GT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

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	75617-3138GT	PADDING, FOAM 3.0" OD X 1.50" ID	2
29	1259328GT	PADDING, FOAM, 15.5"	2
30	75617-2075GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

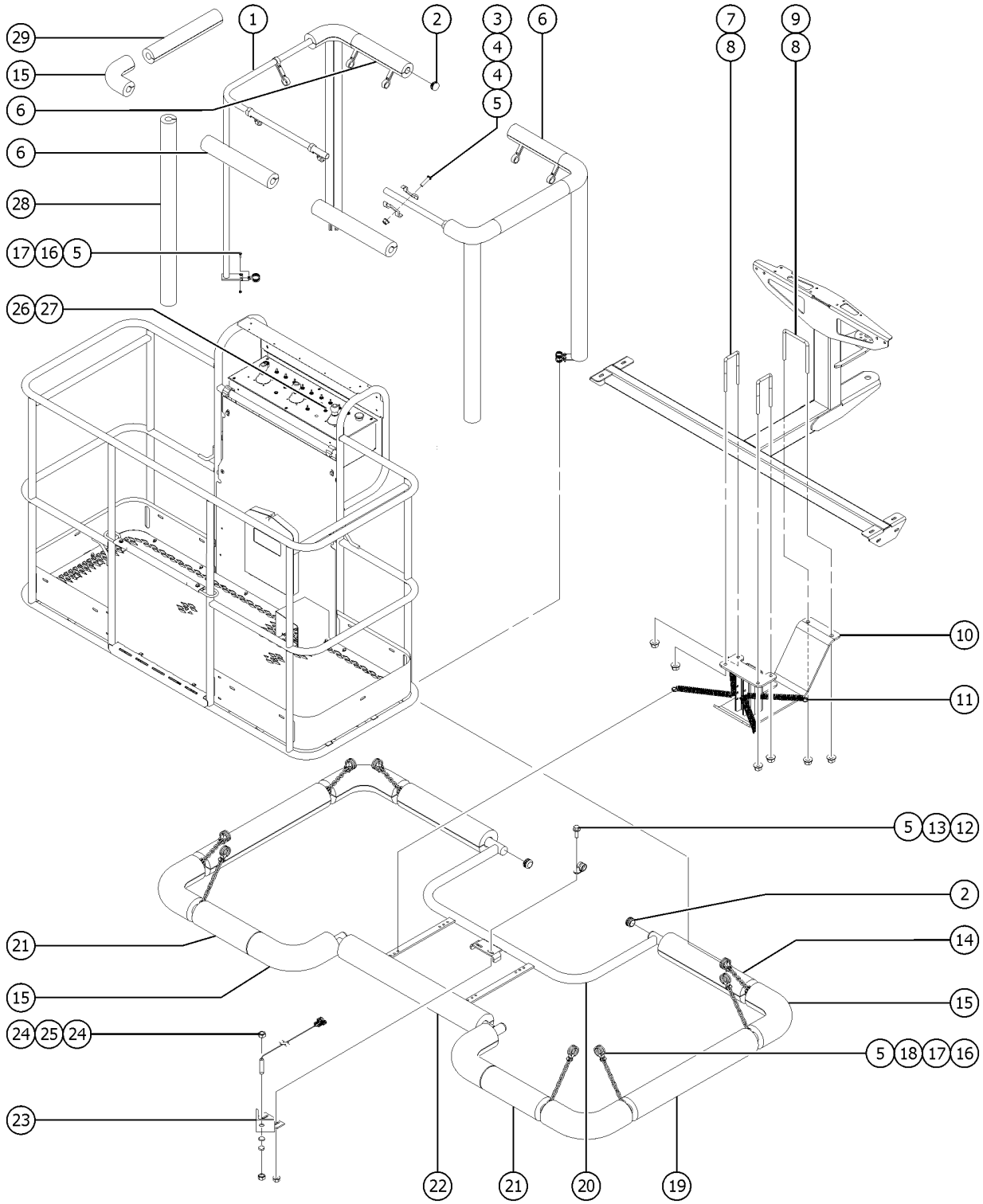
913.1 Aircraft Protection Package With Swing Gate



913.1 Aircraft Protection Package With Swing Gate

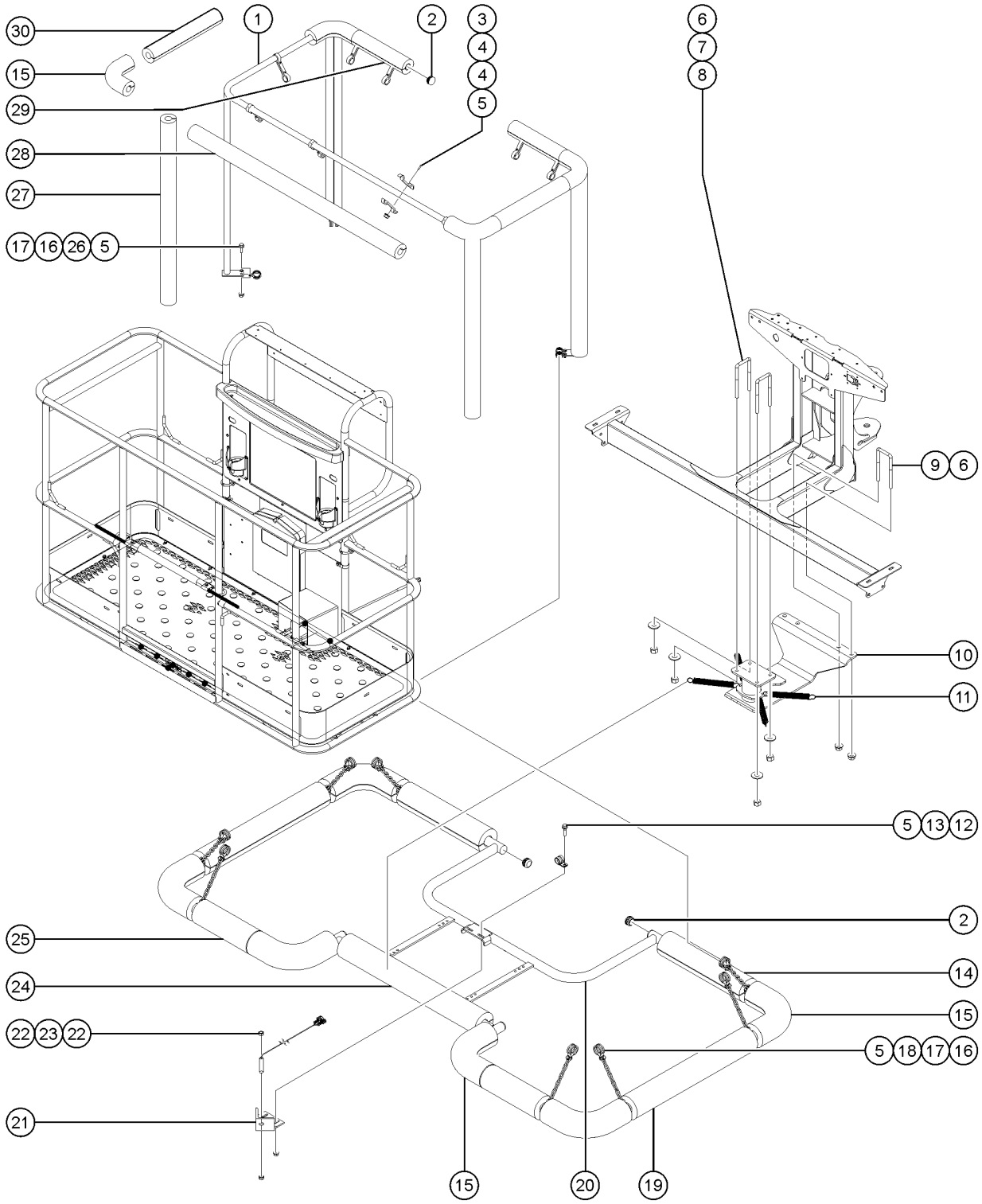
Item	Part No.	Description	Qty.
A	1262314GT	HARNESS, PBOX, PROX KILL Includes Item 26 and 27	
1	822771GT	WDMT,FRAME,AIRCRAFT PROTECTION	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	8
3	824227GT	SCREW, BHC, 1/4-20 X 1, ZAG	20
4	122073GT	SUPPORT, RAILING	20
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	46
6	1259328GT	PADDING, FOAM, 15.5"	4
7	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD	2
8	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	6
9	106044GT	U-BOLT,3/8-16X4X4.63X3.00	1
10	822764GT	WDMT,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	1261292GT	HARNESS ASSY,PCON,PROX KILL Includes 27391 Proximity Sensor	1
25-	27391GT	PROXIMITY SENSOR***	1
26	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Includes Item 27	1

913.1 Aircraft Protection Package With Swing Gate



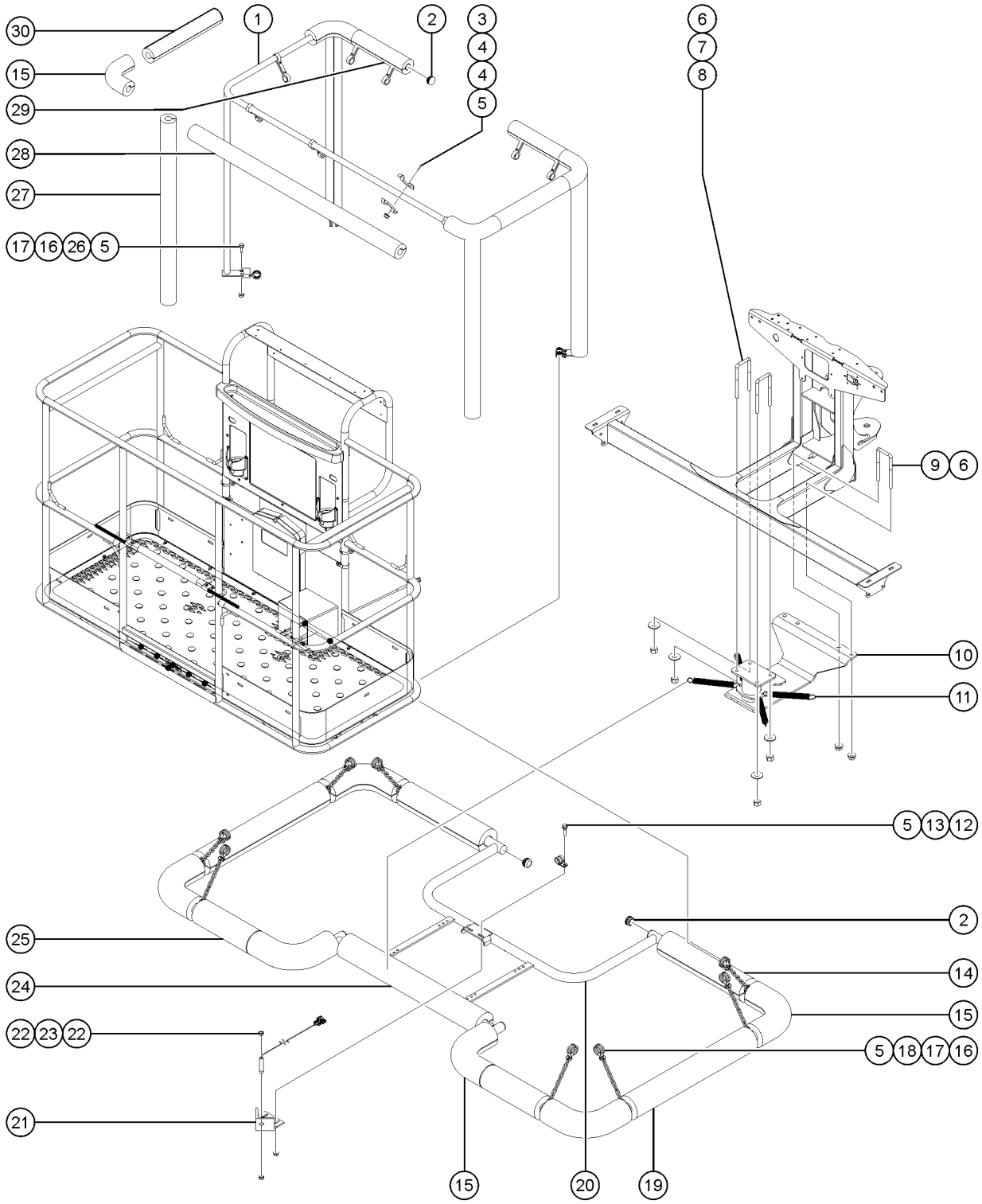
Item	Part No.	Description	Qty.
26-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
26-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
27	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
28	1259329GT	PADDING, FOAM, 46.5"	4
29	75617-2075GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

913.2 Aircraft Protection Package



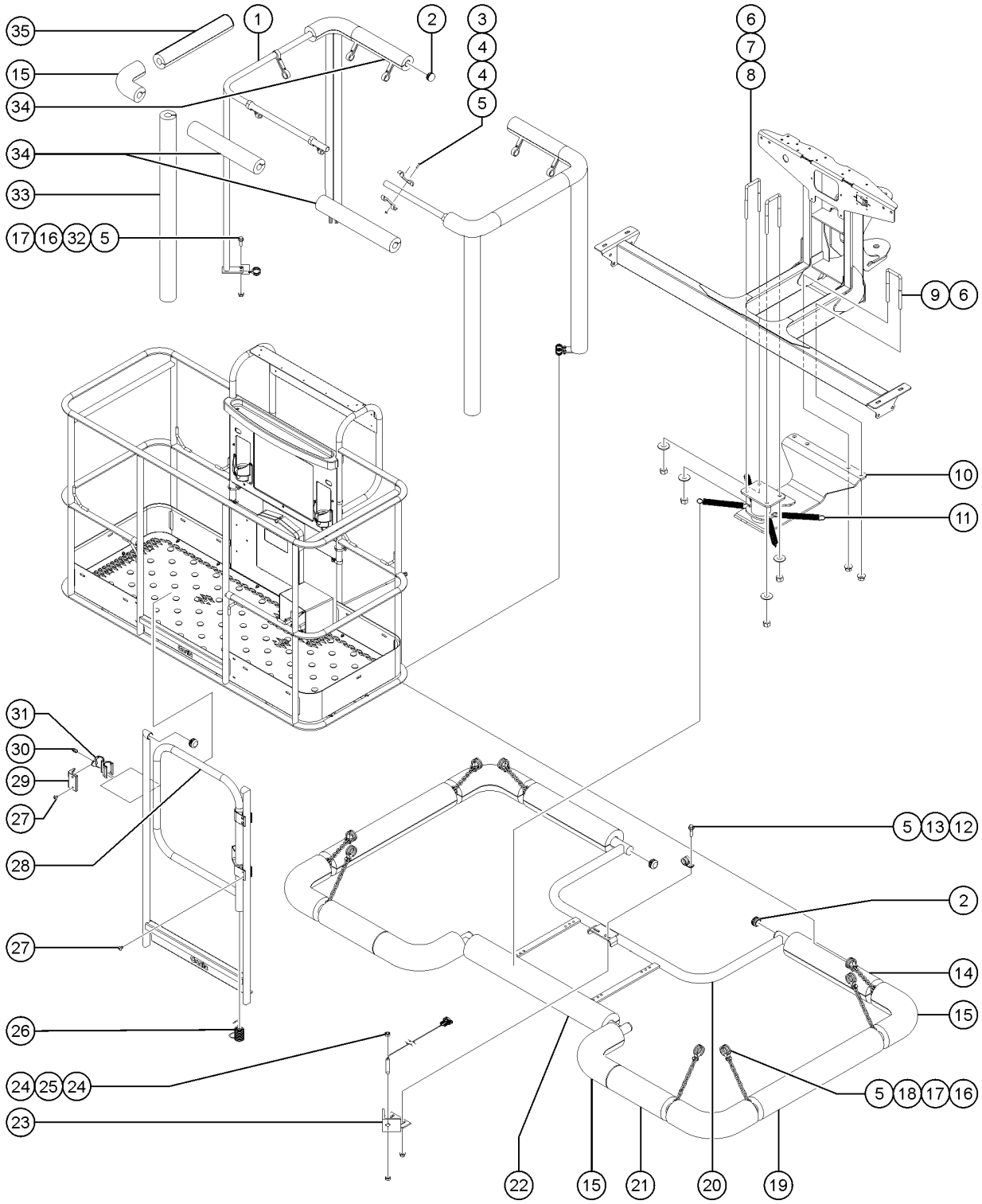
Item	Part No.	Description	Qty.
A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
1	46188GT	WELDMENT, AIRCRAFT TOP BUMPER (Includes item 26)	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	6
3	824227GT	SCREW, BHC, 1/4-20 X 1, ZAG	20
4	122073GT	SUPPORT, RAILING	20
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	46
6	66472GT	U-BOLT, 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,AIRCRAFT PROT.	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



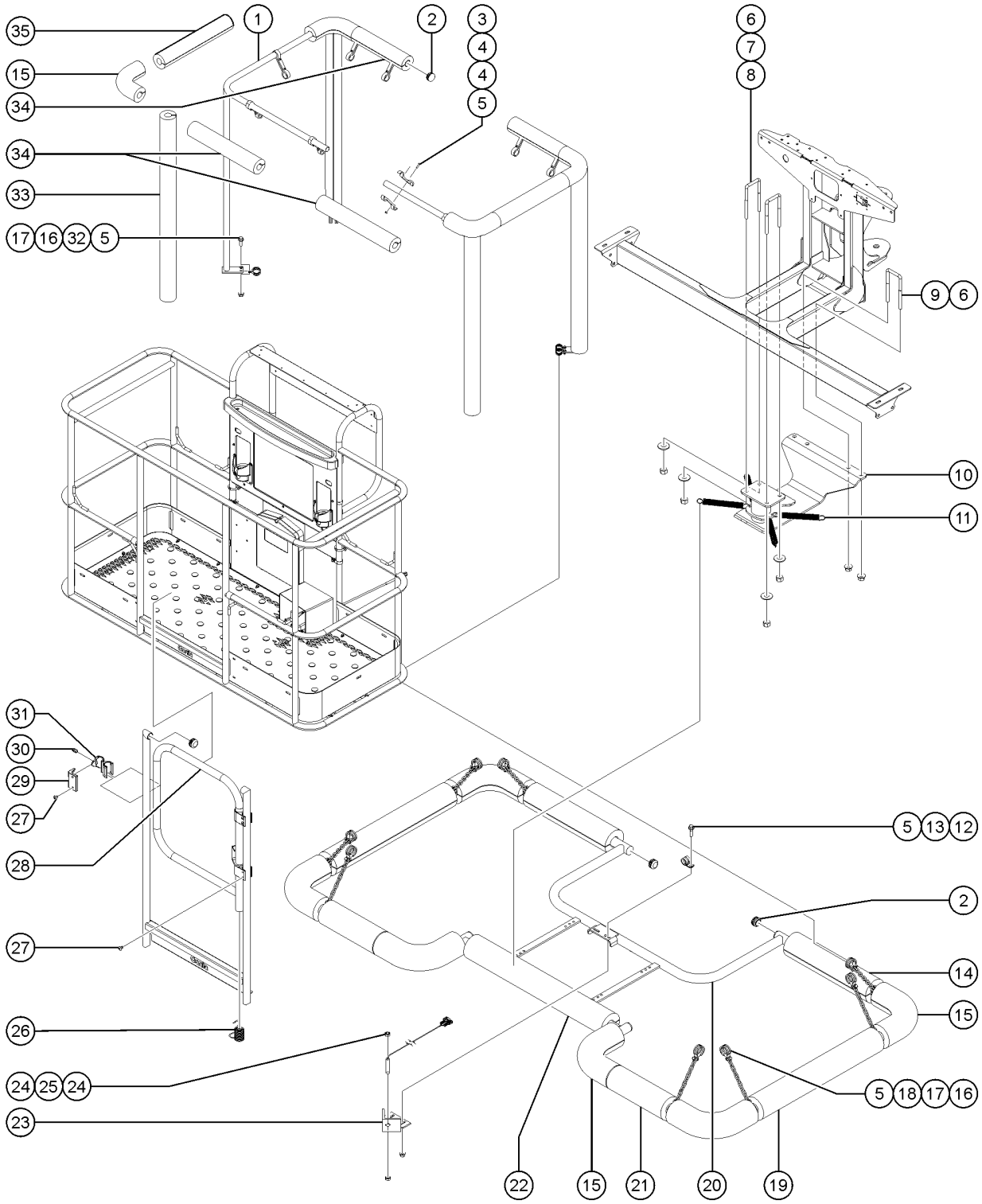
Item	Part No.	Description	Qty.
26	81802GT	PLATE, AIRCRAFT PROTECTION OPT	4
27	1259329GT	PADDING, FOAM, 46.5"	4
28	75617-3138GT	PADDING, FOAM 3.0" OD X 1.50" ID	2
29	1278629GT	PADDING,FOAM, 10.0"	2
30	75617-2075GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

913.3 Aircraft Protection Package with Swing Gate



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, 1/4-20 X 1, 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,AIRCRAFT PROT.	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	

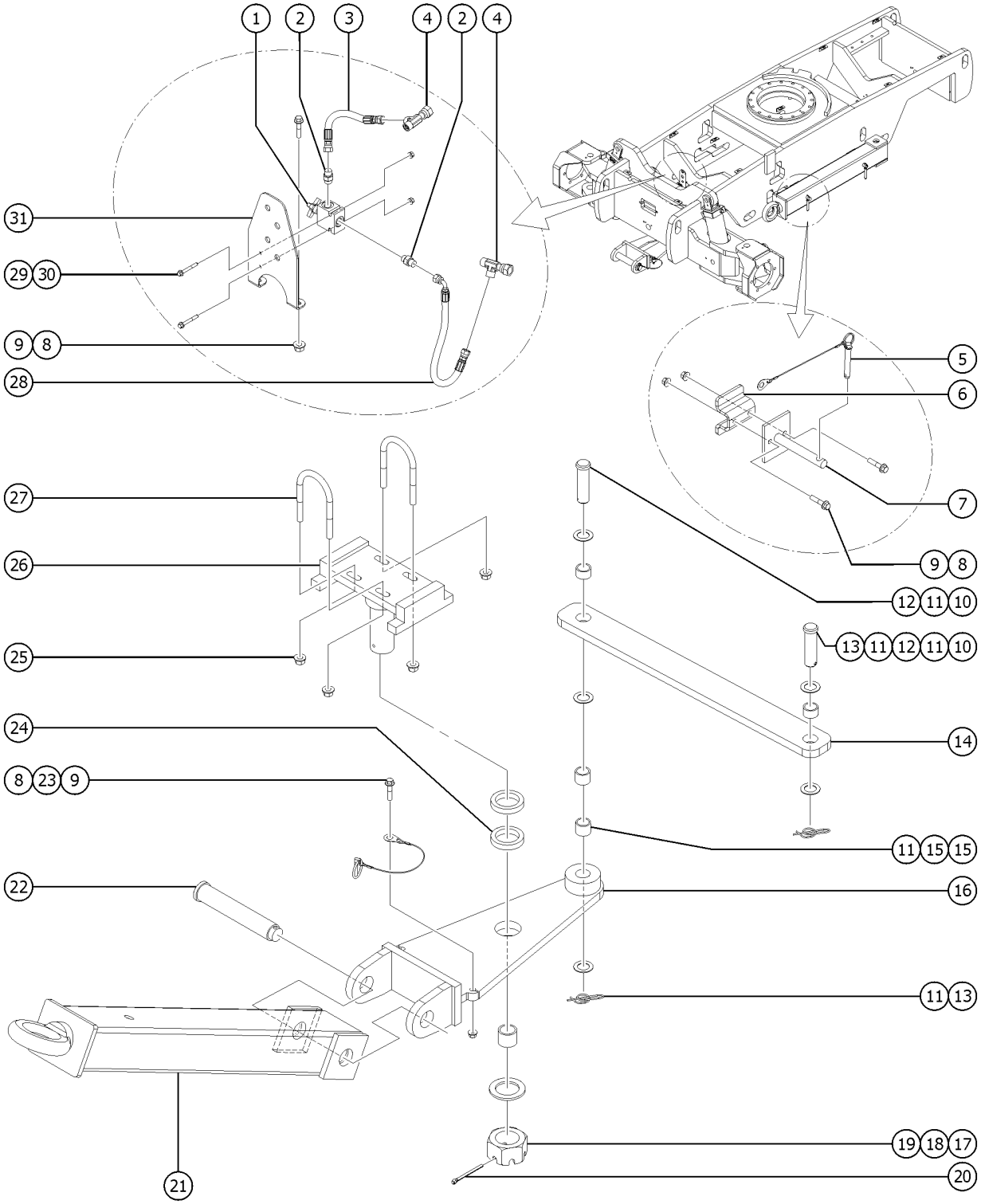
913.3 Aircraft Protection Package with Swing Gate



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, 1/4 X .375, ZAG	
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

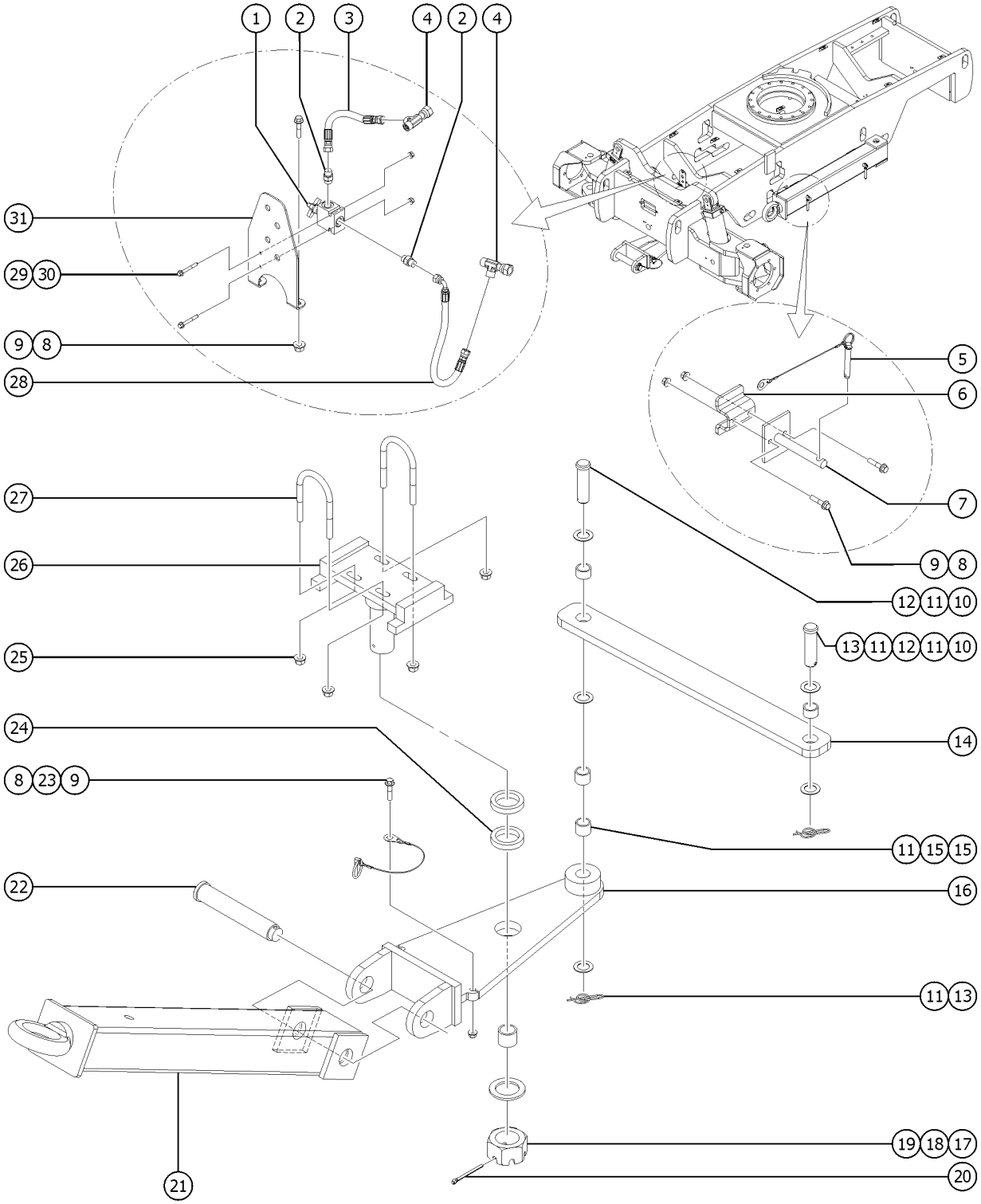
914.1 Tow Package



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, 3/8-16 X 1.75, 8, ZAG	6
9	824029GT	NUT, TL FLG, 3/8-16, G, ZAG replaced by 1274322	7
9B	1274322GT	NUT,NYLOCK FLG,3/8-16,F,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 replaced by 1274172	4
25B	1274172GT	NUT,NYLOCK FLG,1/2-13,G,ZAG	4
26	70632GT	WELDMENT,STEER AXLE TOW CRADLE	1

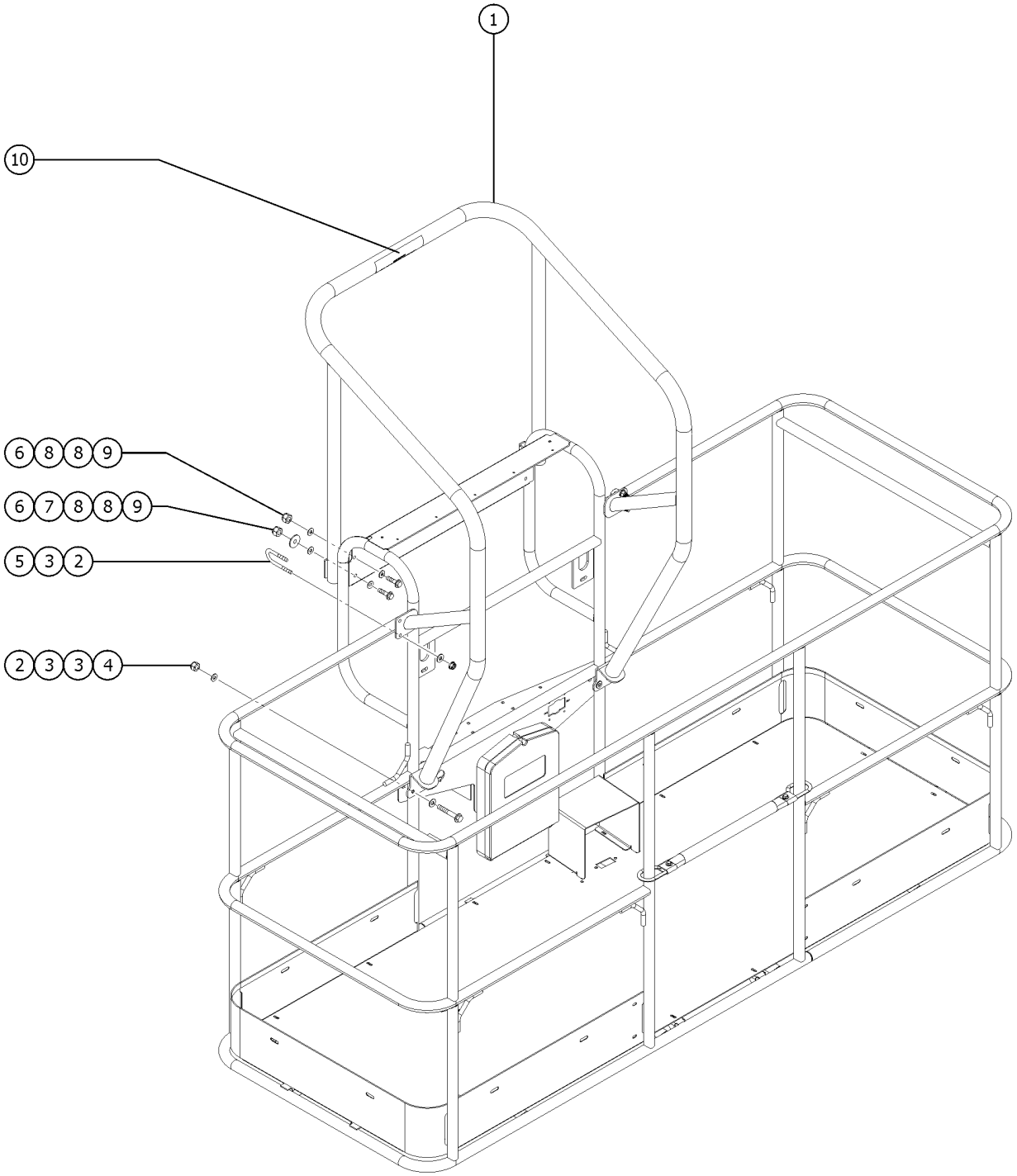
914.1 Tow Package



914.1 Tow Package

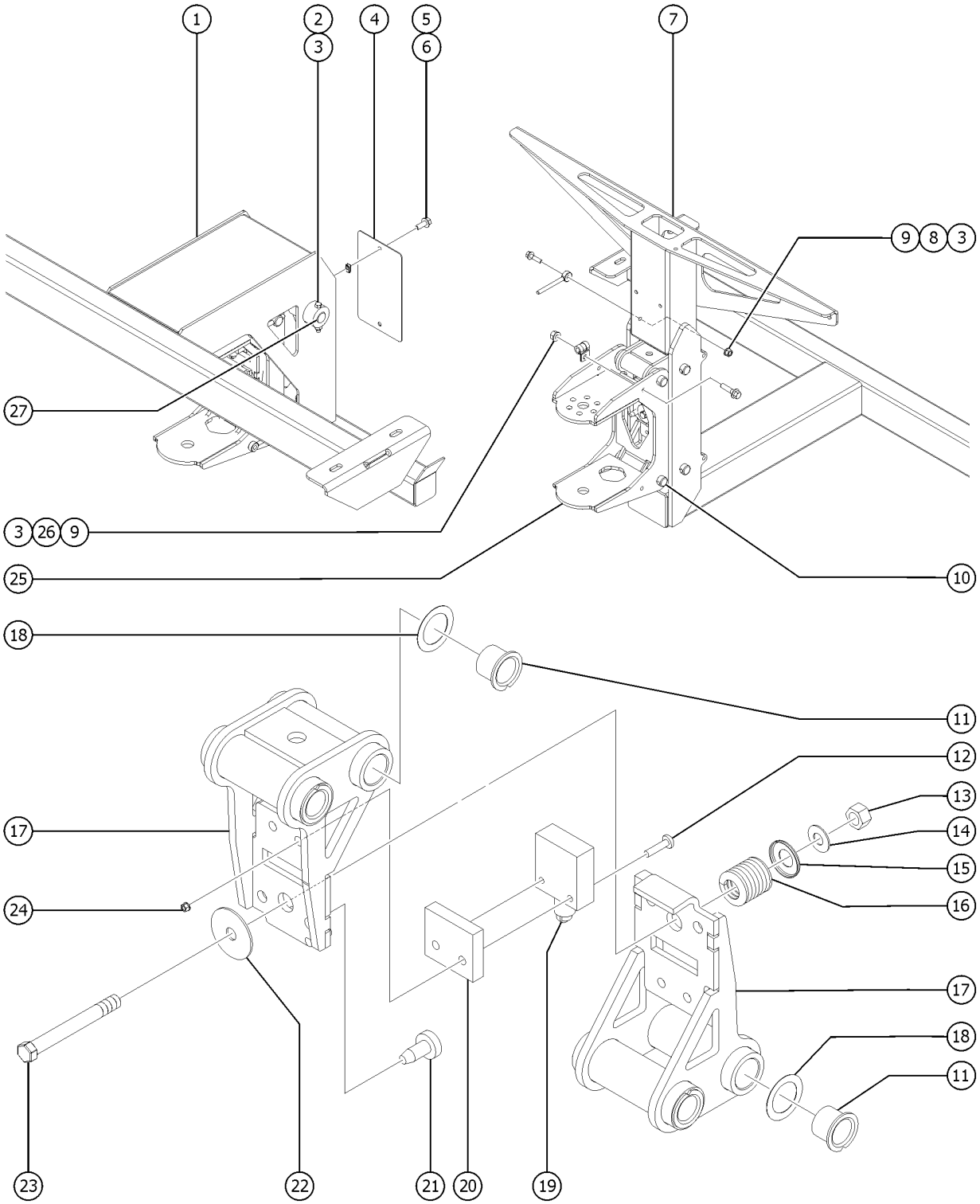
Item	*Part No.*	*Description*	*Qty.*
27	160534GT	U-BOLT,1/2-13 X 2.75 X 6.75, Z	2
28	49163-1100GT	ASSY, HOSE, HYD, -4, 3250, STR, 90	1
29	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	2
30	824027GT	NUT, TL FLG, 1/4-20, G, ZAG replaced by 1277924	2
30B	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
31	215333GT	FORMING, FRONT AXLE BRK	1

915.1 Operator Protective Structure



Item	Part No.	Description	Qty.
		Fits all 6' and 8' Booms	
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, 3/8-16 X 2.5, 8, ZAG	4
5	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	4
6	1261184GT	NUT,1/4-20,8,ZAG	4
7	824120GT	WASHER, FLAT, .375 X 1.50 X .125, ZAG Use only with the platform control box cover option	2
8	824113GT	WASHER,FLAT,USS,1/4,ZAG	6
9	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	4
10		Ref. DECAL, INSTRUCTION, OPS refer to section 103.1, 104.1, 107.1, or 108.1	1

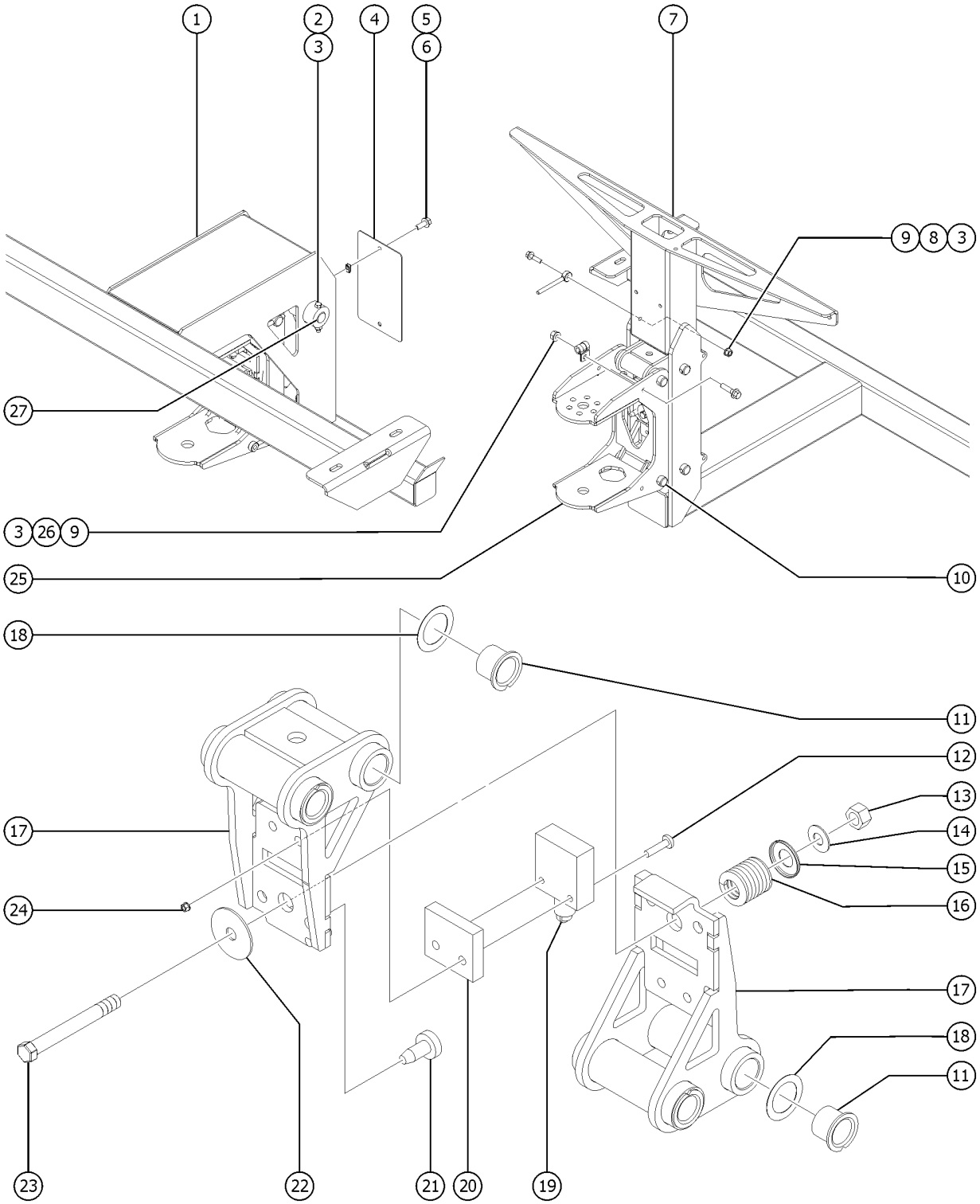
916.1 Platform Overload Option, Z-45/25



916.1 Platform Overload Option, Z-45/25

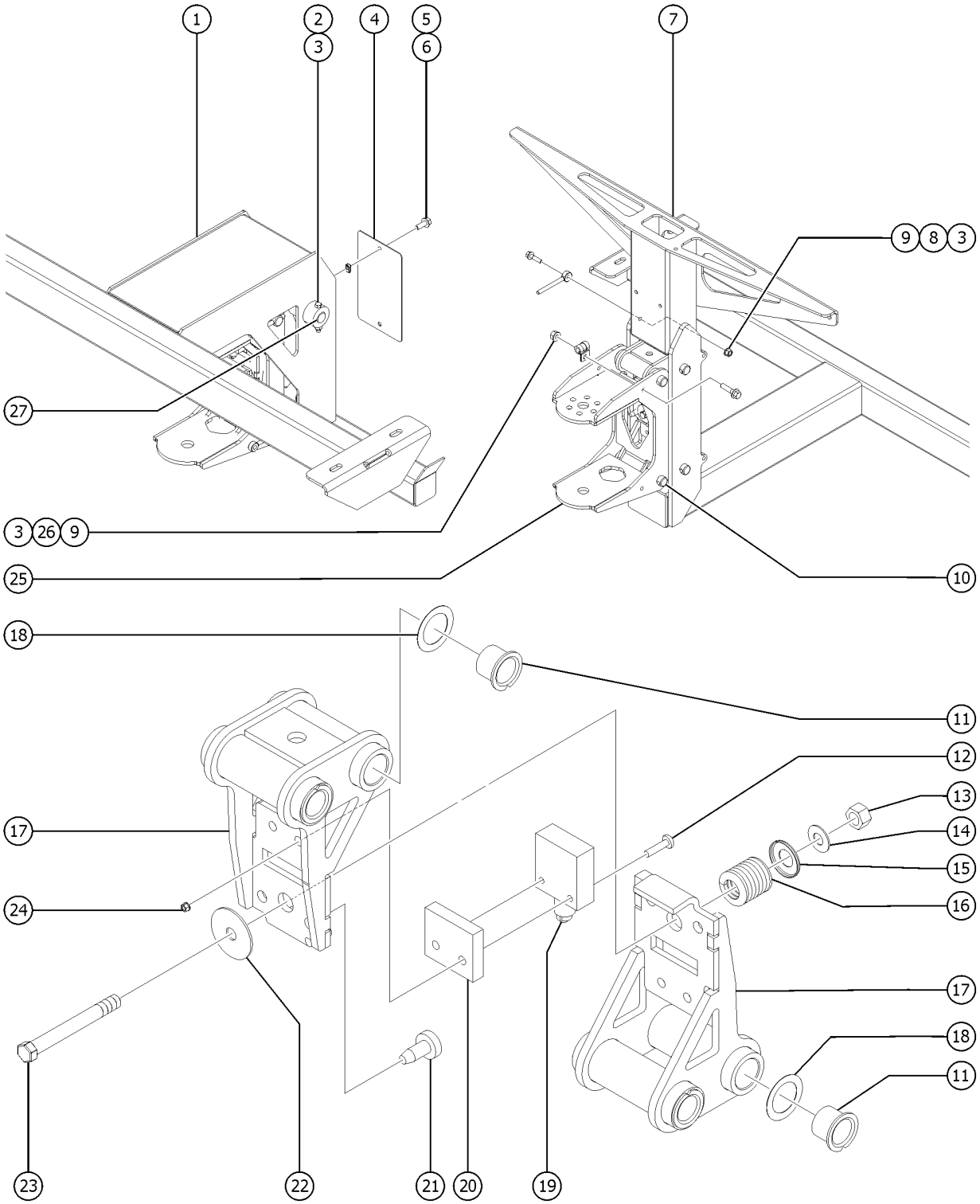
Item	Part No.	Description	Qty.
A	128045GT	MODULE,LOAD SENSE 2007	
1	98154GT	WELDMENT,PLAT SUPPORT,LS Z4525; non-jib models with platform overload option	1
2	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	2
3	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
8	825020GT	ROD END, .25 X 2.75, 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, 10-32 X 1.5, 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 includes items 11 and 18	2
18	110789GT	WASHER,SHIM .0151 THK.	as-needed
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,0.75DIAX8.75LG,CHAMFER	2

916.1 Platform Overload Option, Z-45/25



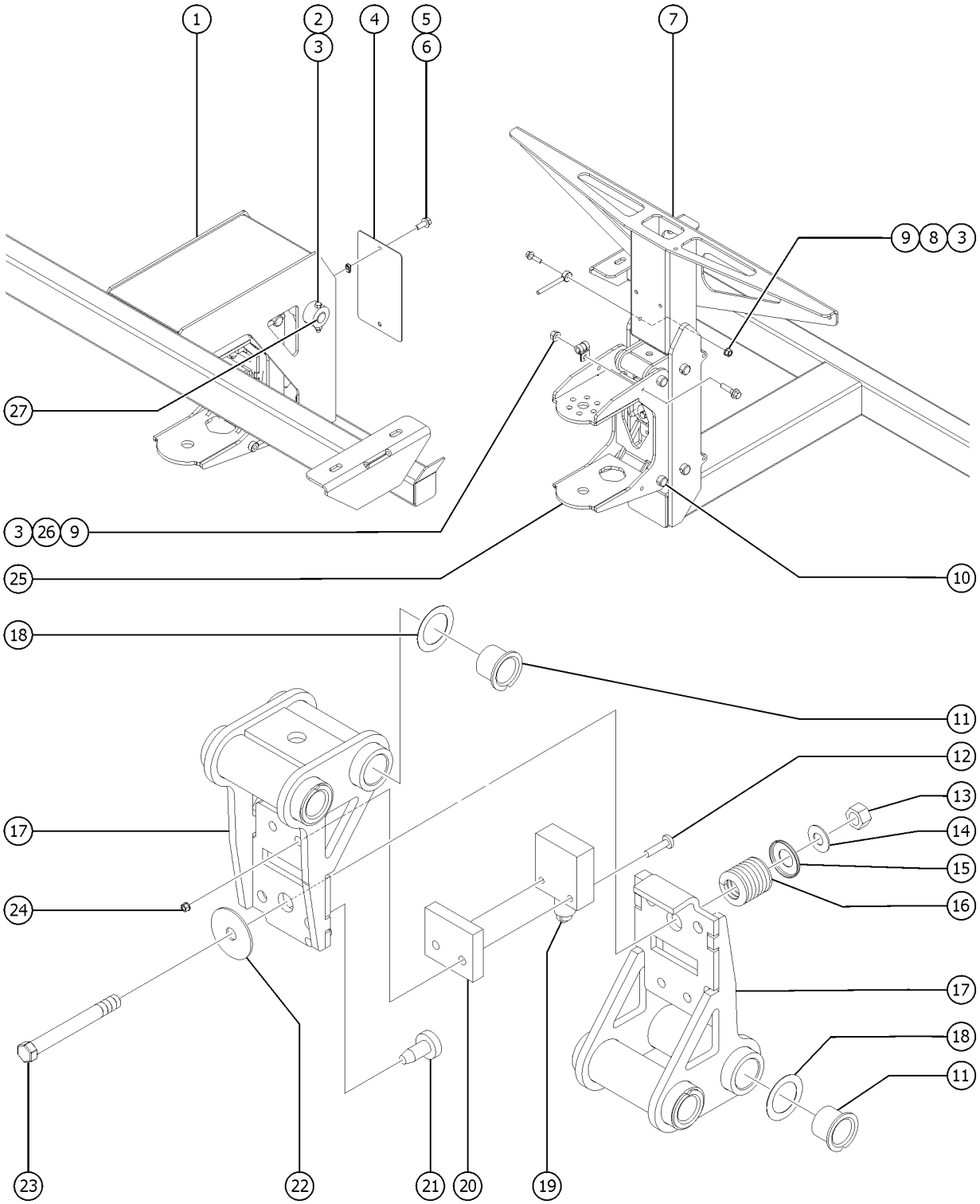
Item	Part No.	Description	Qty.
27-	94643GT	ZERK,GREASE,5/16-24,STRAIT	

916.2 Platform Overload Option, Z-45/25J



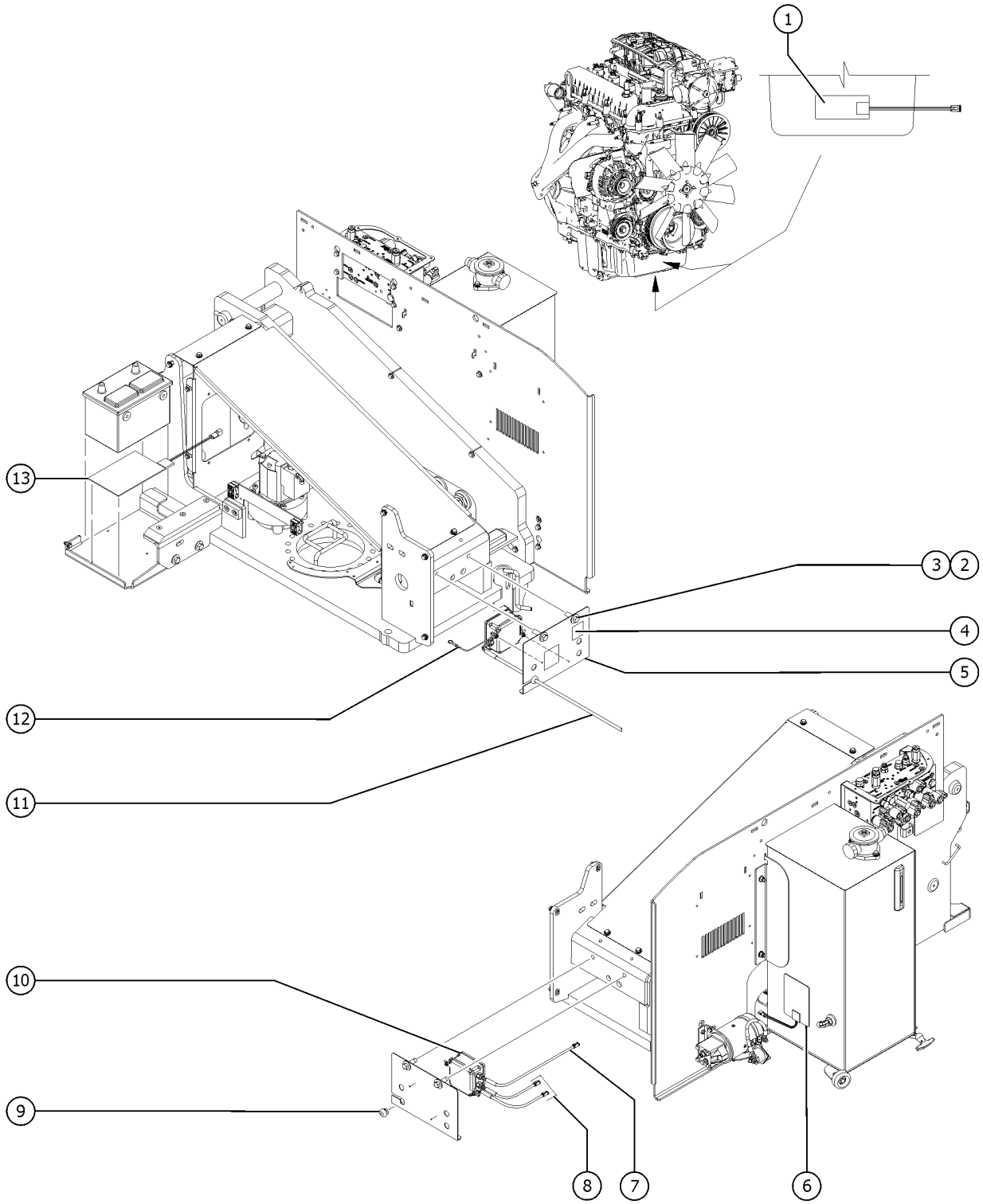
Item	Part No.	Description	Qty.
A	128045GT	MODULE,LOAD SENSE 2007	
2	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	2
3	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
7	61998GT	WELDMENT,PLATFORM SUPPORT Z4525J; jib models with platform overload option	1
8	825020GT	ROD END, .25 X 2.75, 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, 10-32 X 1.5, 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 includes items 11 and 18	2
18	110789GT	WASHER,SHIM .0151 THK.	as-needed
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



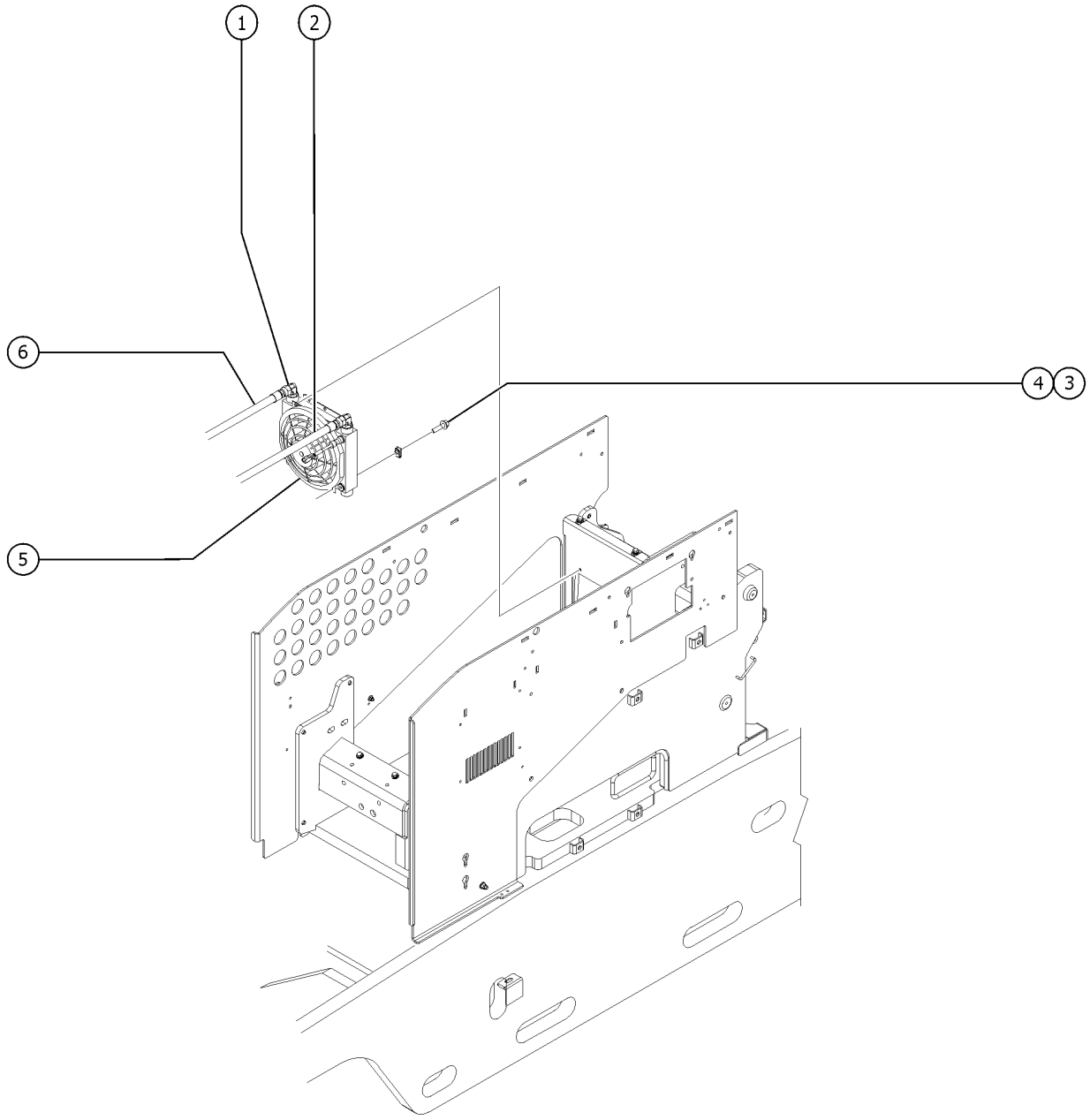
Item	*Part No.*	*Description*	*Qty.*
27	99174GT	PIN,0.75DIAX8.75LG,CHAMFER	2
27-	94643GT	ZERK,GREASE,5/16-24,STRAIT	

917.1 Cold Weather Package



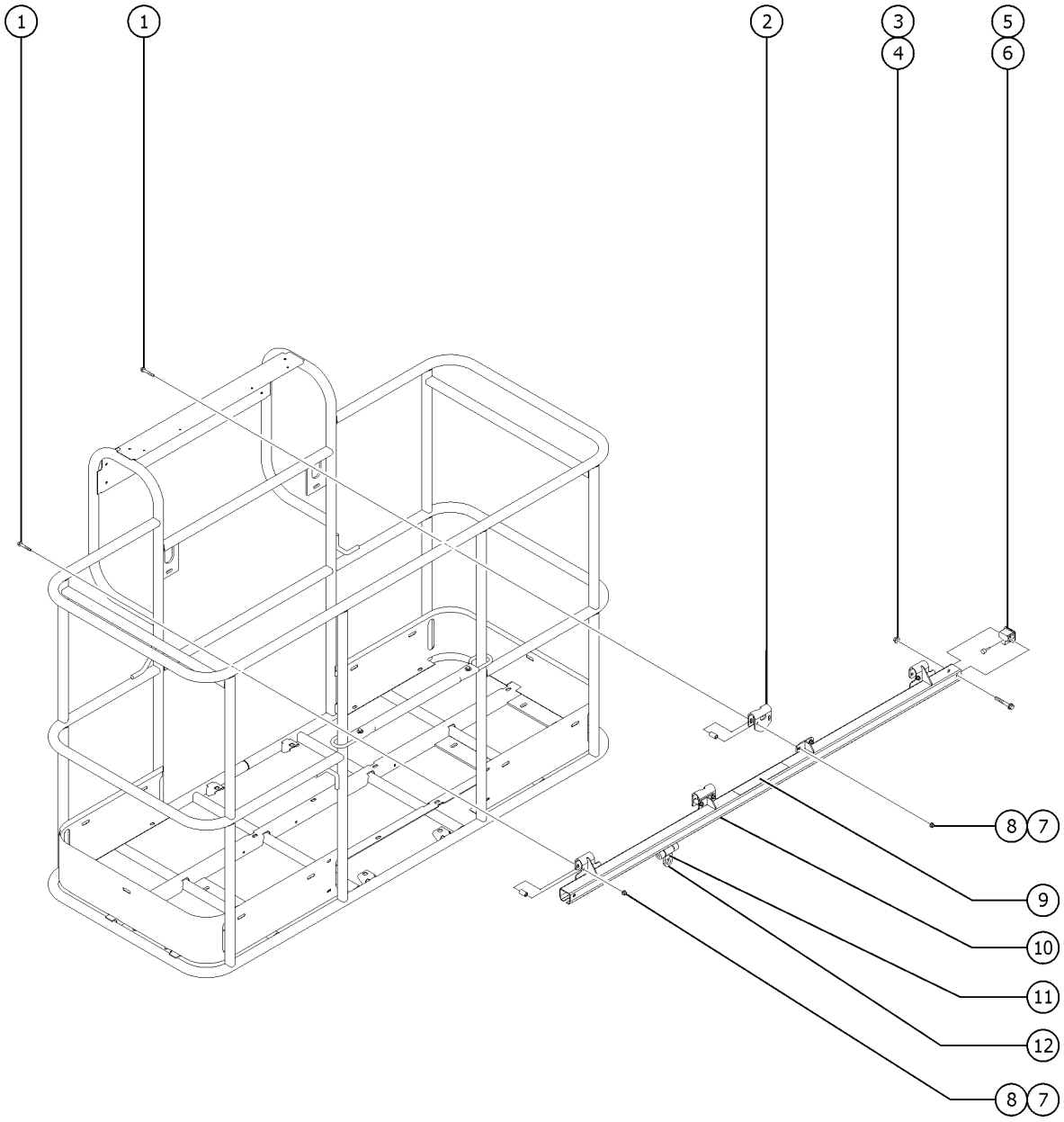
Item	Part No.	Description	Qty.
1A	216615GT	ASSY HEATER, MODEL 18, 120V 120V	1
1B	216616GT	ASSY HEATER,MODEL 18,240V 240V	1
2	826171GT	SCREW,HHF,1/2-13X1.75,ZAG	2
3	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
4		REF: DECAL,POWER TO PLATFORM (section 100)	
5	219241GT	FORMING,MOUNTING BRACKET	1
6A	216612GT	ASSY,120V 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	1273590GT	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



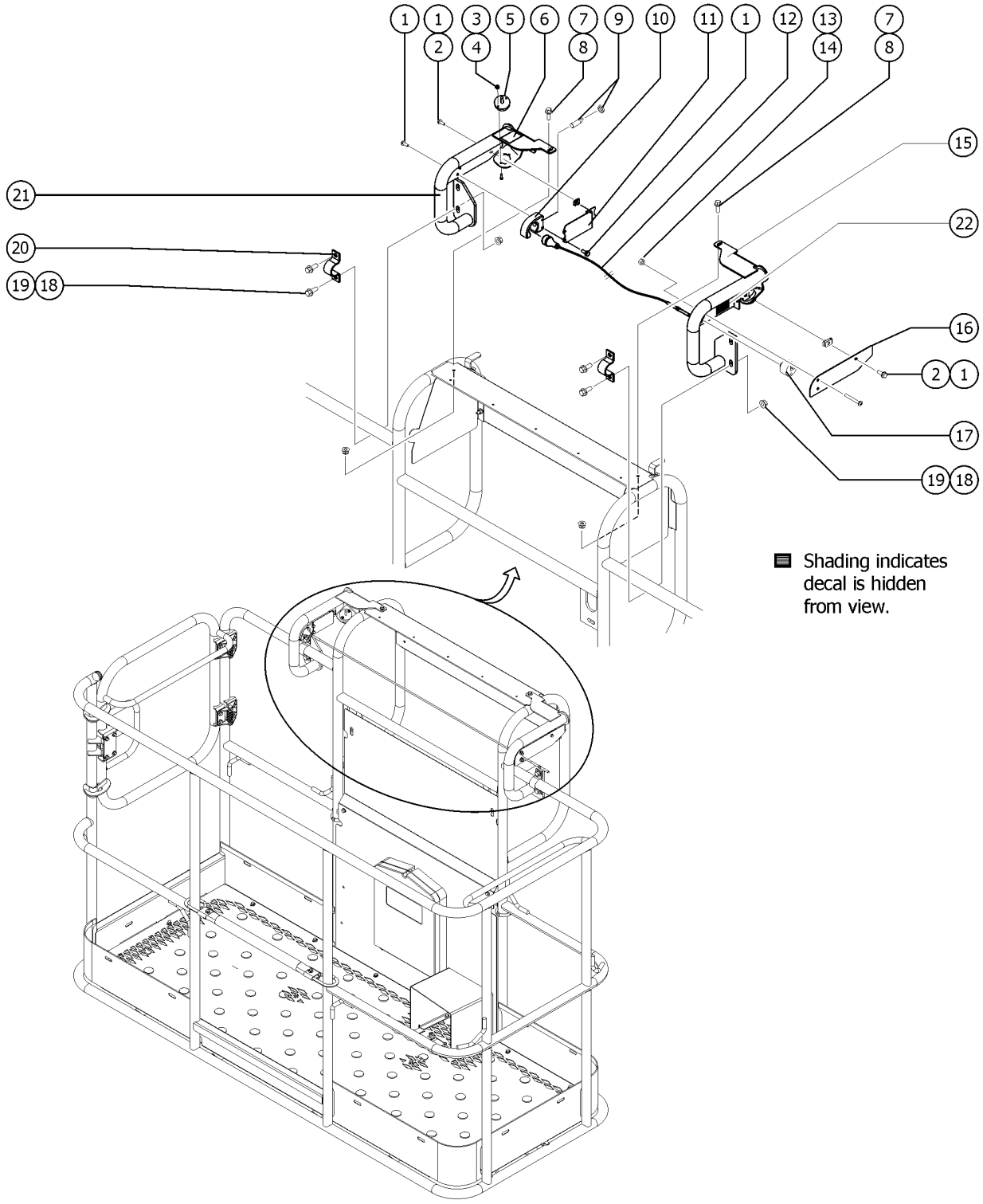
Item	Part No.	Description	Qty.
A	220234GT	HARNESS,RELAY,OIL COOLER	1
1	48959GT	FITTING,ELBOW,90D,520220-12	2
2	49151-6348GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
3	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	4
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
5	71259GT	OIL COOLER W/FAN, 12VDC	1
5-	75854GT	FAN - VENTED	
5-	75855GT	THERMOSTAT -OIL COOLER (71259)	
6	49150-7630GT	ASSY, HOSE, HYD, -12, 1750, STR, 90	1

919.1 Fall Arrest Bar



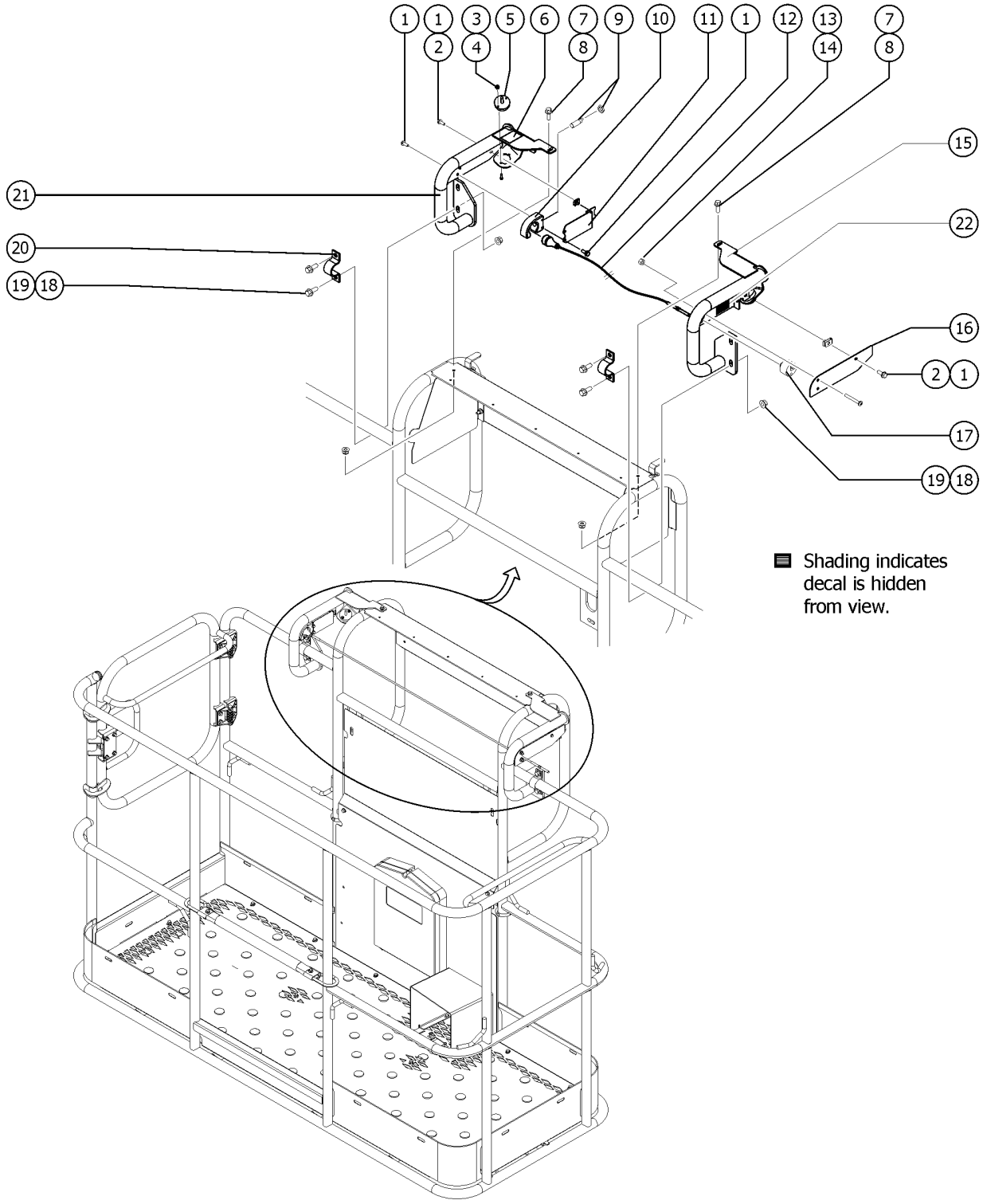
Item	Part No.	Description	Qty.
1	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG	8
2	1256389GT	FORMING,INNER HANGER	2
3	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
4	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	2
5	1260892GT	END STOP. TFAAS TRACK	2
6	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	2
7	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG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

920.1 Lift Guard Contact Alarm



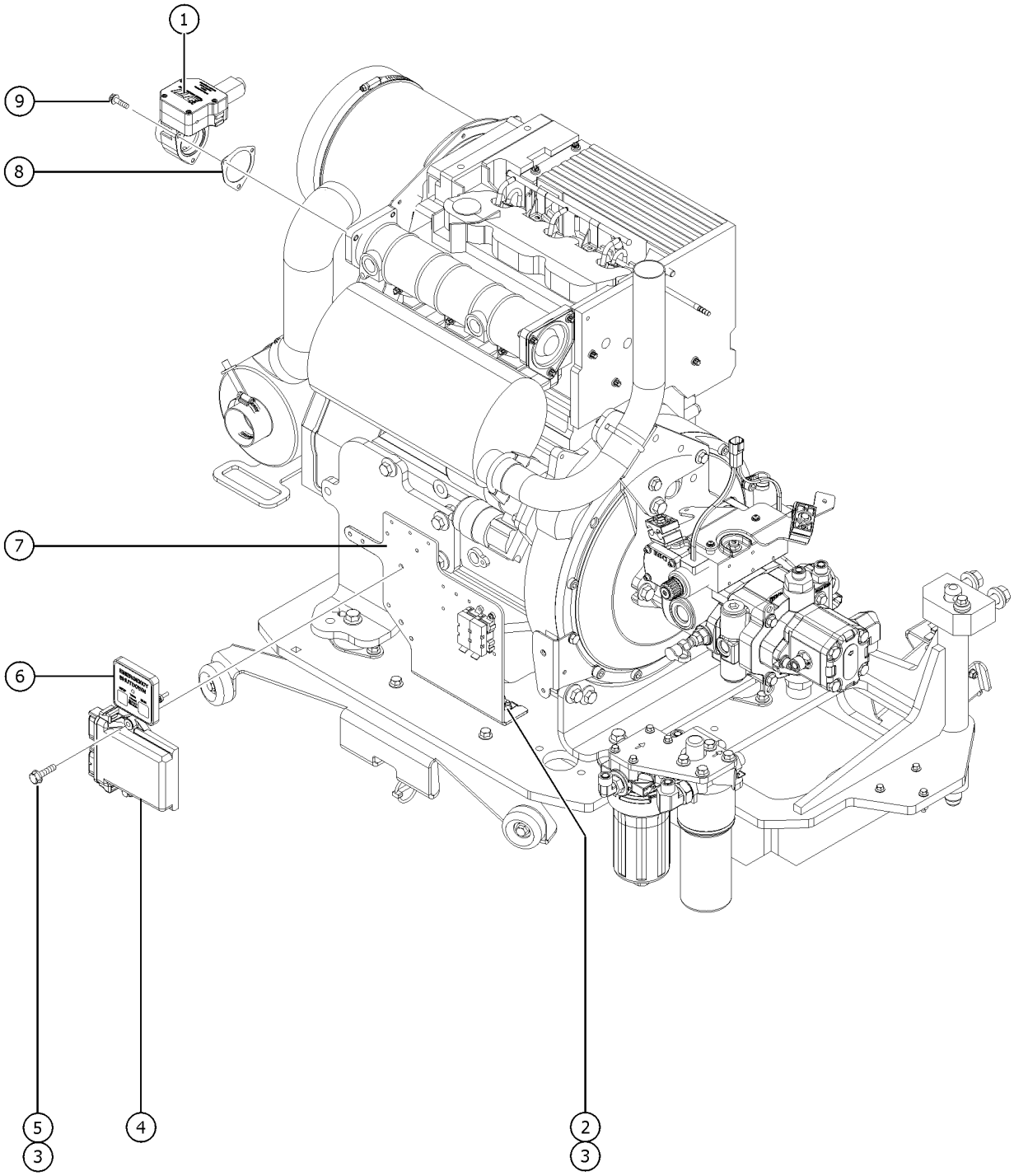
Item	Part No.	Description	Qty.
A-		From January 2017, this option became a standard installation on all models unless the customer specifically request not to have it installed	
B-	1279135GT	KIT, LIFT GUARD CONTACT ALARM,6'-8' PLATFORM,NON-ALC1000 measure platform before ordering - for 5', 6', and 8' platforms only.	
C-	1278455GT	HARNESS, OPA2	
D-	19274GT	RELAY,SPDT,12V(AUTO)**	
E-	1278121GT	MODULE, PLUS+1, OPA2 located inside the Platform Control Box	
1	1264934GT	SCREW,HHF,10-24X.5	
2	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	
3	12344GT	NUT,NYLOCK,6-32	
4	1256859GT	SCREW,PHPM,6-32X.875,ZAG	
5	1278111GT	ASSEMBLY, LIGHT, CONTACT ALARM	2
5B	1285850GT	ASSEMBLY,AMBER LIGHTS,CONTACT	
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, CONTACT ALARM	1
10	1278433GT	ASSY SENSOR W/HOUSING (Includes holder item 1277877 and sensor part 1278119)	
10-	1277877GT	HOLDER, SENSOR	1
11	1277873GT	FORMING, SENSOR HOLDER	1
12	1278416GT	ASSEMBLY,CONTACT ALARM CABLE, LARGE	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



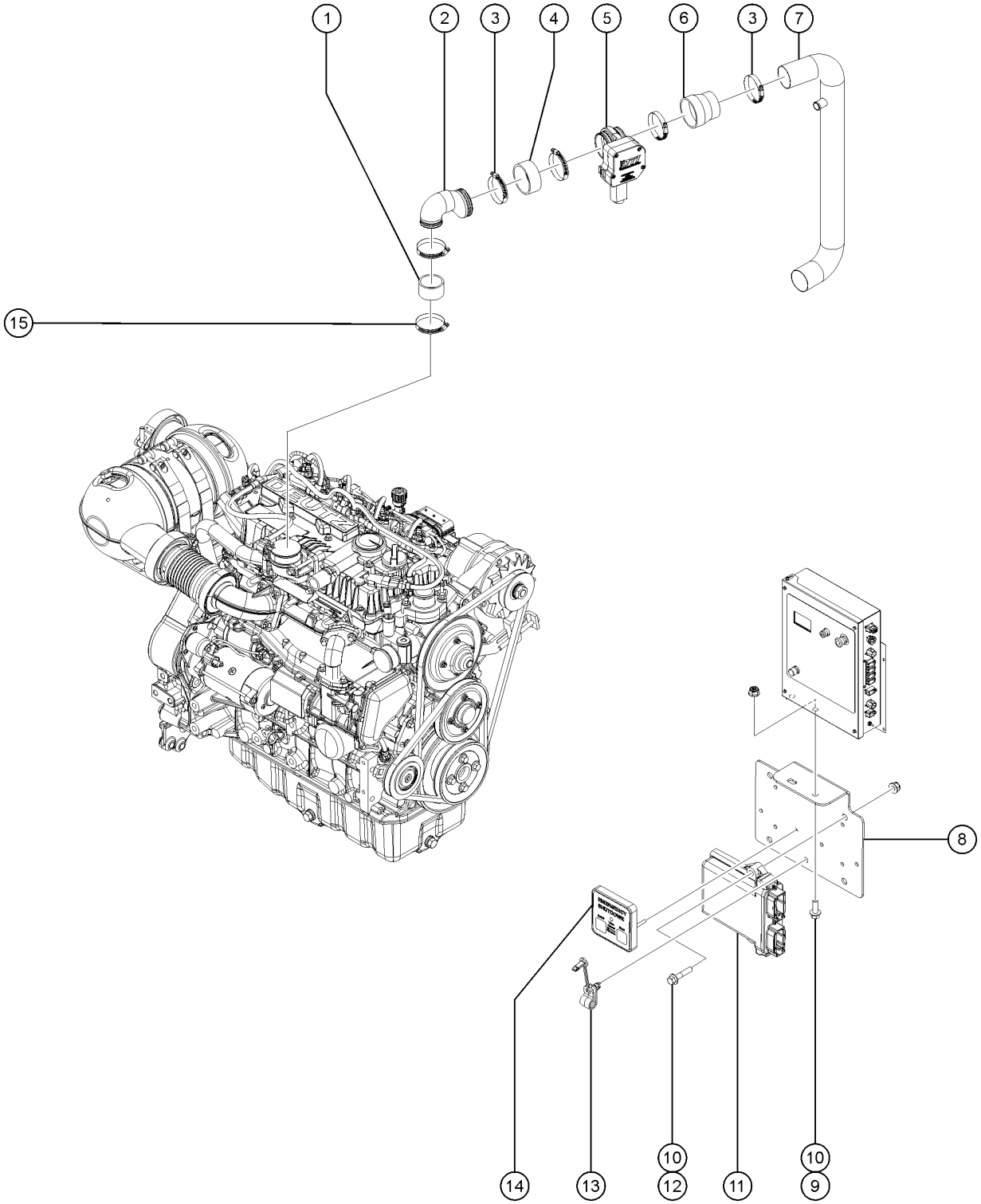
Item	Part No.	Description	Qty.
18	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
19	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
20	1278363GT	CLAMP, 1.25 INCH TUBE	2
21	1278144GT	WELDMENT, LEFT CONTACT ALARM, LARGE	1
22	1278982GT	DECAL, INSTRUCTION, ACTUATOR SWITCH SOCKET	1

921.1 Positive Air Shutoff



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.54,ZAG	2
3	824080GT	SCREW, HHF, 1/4-20 X 1.25, 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	

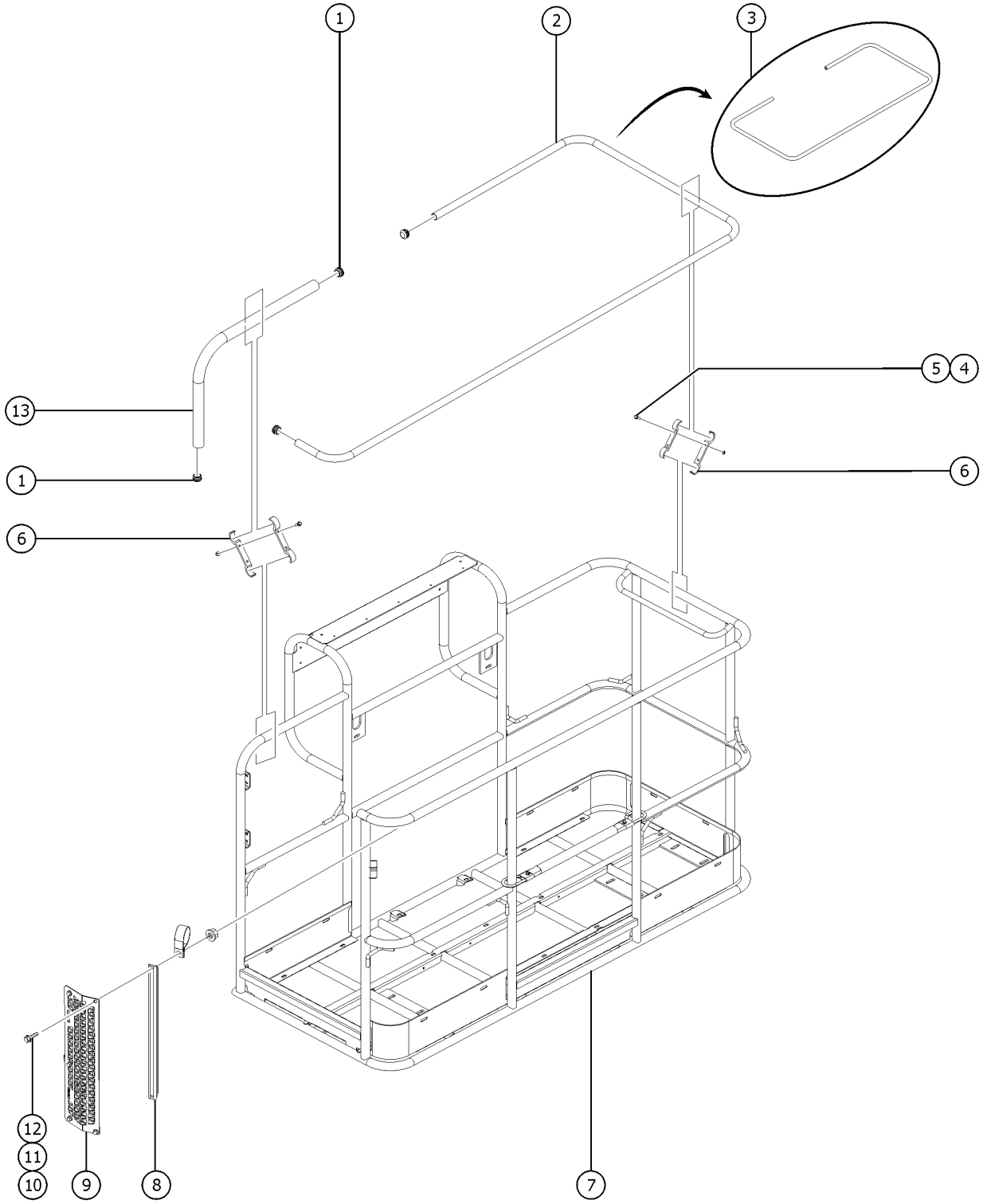
921.2 Pass Option, Deutz TD2.9



921.2 Pass Option, Deutz TD2.9

Item	Part No.	Description	Qty.
-		KIT, PASS, DEUTZ D2.9, S40/45XC, S60/65, Z45, Z62 Kits are no longer offered. Buy individual parts. Reach out to customer service for installation instructions.	1
-	1290849GT	HARNESS, CONTROL, PASS	1
-	6146GT	WASHER,FLAT,MS,#10,Y	1
-	1251757GT	SCREW,PHPM,10-32X.50,ZAG	1
1	1289609GT	HOSE, AIR INTAKE SILICONE	1
2	1289535GT	NOZZLE, DTI PASS 90 D2.9	1
3	30971GT	CLAMP,HOSE,3.00"	4
4	1289610GT	HOSE, INTAKE SILICONE 2.25	1
5	1289536GT	VALVE, PASS DEUTZ T4	1
6	1289767GT	HOSE, REDUCER, 2.50" TO 3" INLET, DEUTZ 2.9L	1
7	1289611GT	WELDMENT, STEEL INTAKE TUBE	1
8	1264229GT	BRACKET, POSITIVE AIR SHUTOFF	1
9	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
10	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
11	1291573GT	CONTROLLER, VCU, DEUTZ 2.9	1
12	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	2
13	219508GT	CLAMP, FIXED DIA, NYLON, 3/8"	1
14	1290107GT	HARNESS, MODULE, ESTOP, PASS	1
15	45435GT	CLAMP,HOSE,2.50"	2

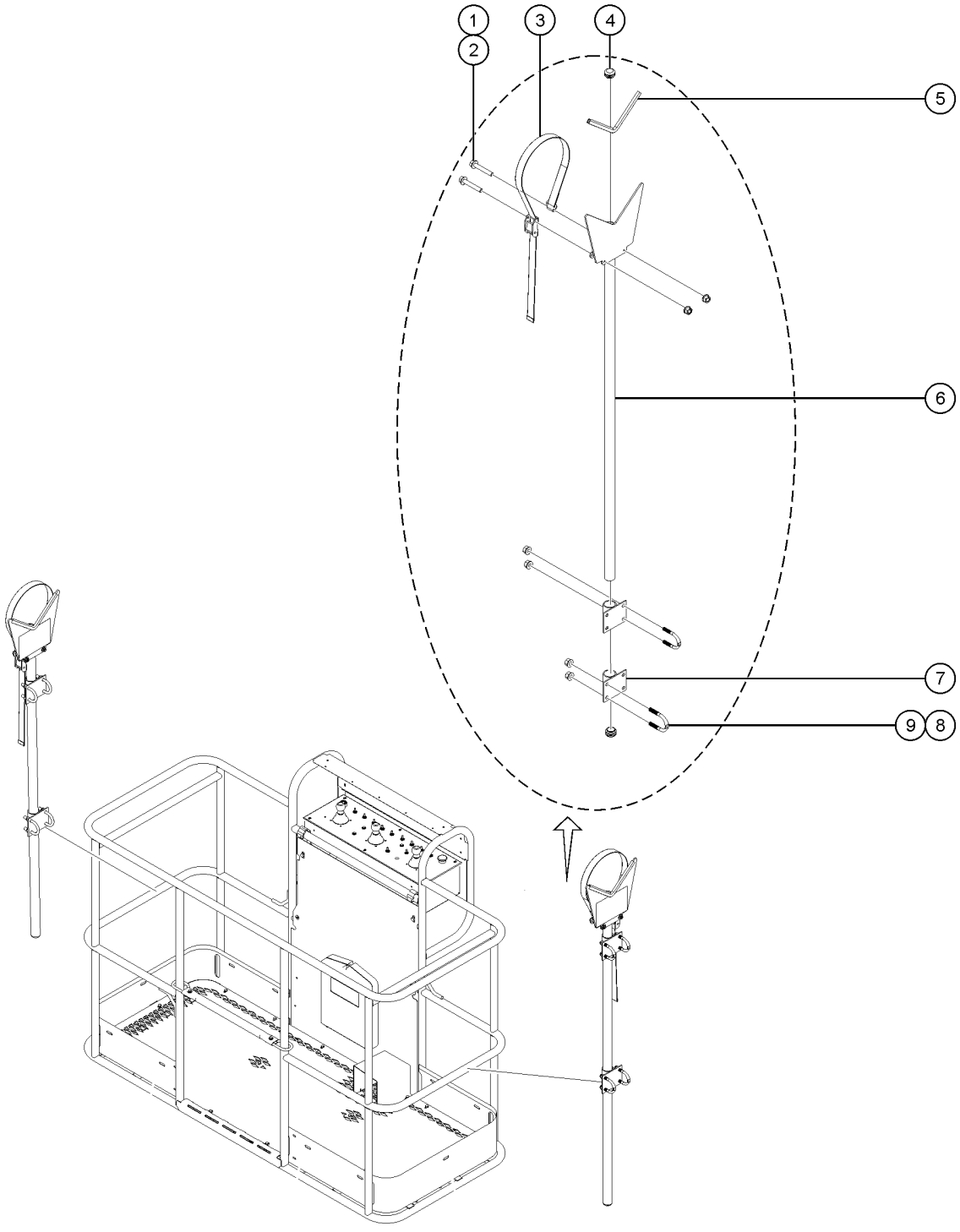
922.1 Auxiliary Rail Option



922.1 Auxiliary Rail Option

Item	Part No.	Description	Qty.
A	1279765GT	KIT,LATCH GUARD	1
B	1291495GT	KIT, AUX RAIL, 6' PLAT, SIDE GATE (6 foot platform)	
C	1291496GT	KIT, AUX RAIL, 8' PLAT, SIDE GATE (8 foot platform)	
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 (tri-entry with sliding mid-rails)	1
3B	111485PGT	AUX TOP RAIL,6FT,PTD (tri-entry with sliding mid-rails)	1
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 (refer to 602.1)	1
8	1277966GT	TUBE,SQUARE, 1" X 1" X .125	1
9	1277952GT	GUARD, SWING GATE	1
10	824086GT	SCREW, HHF, 5/16-18 X 1, 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

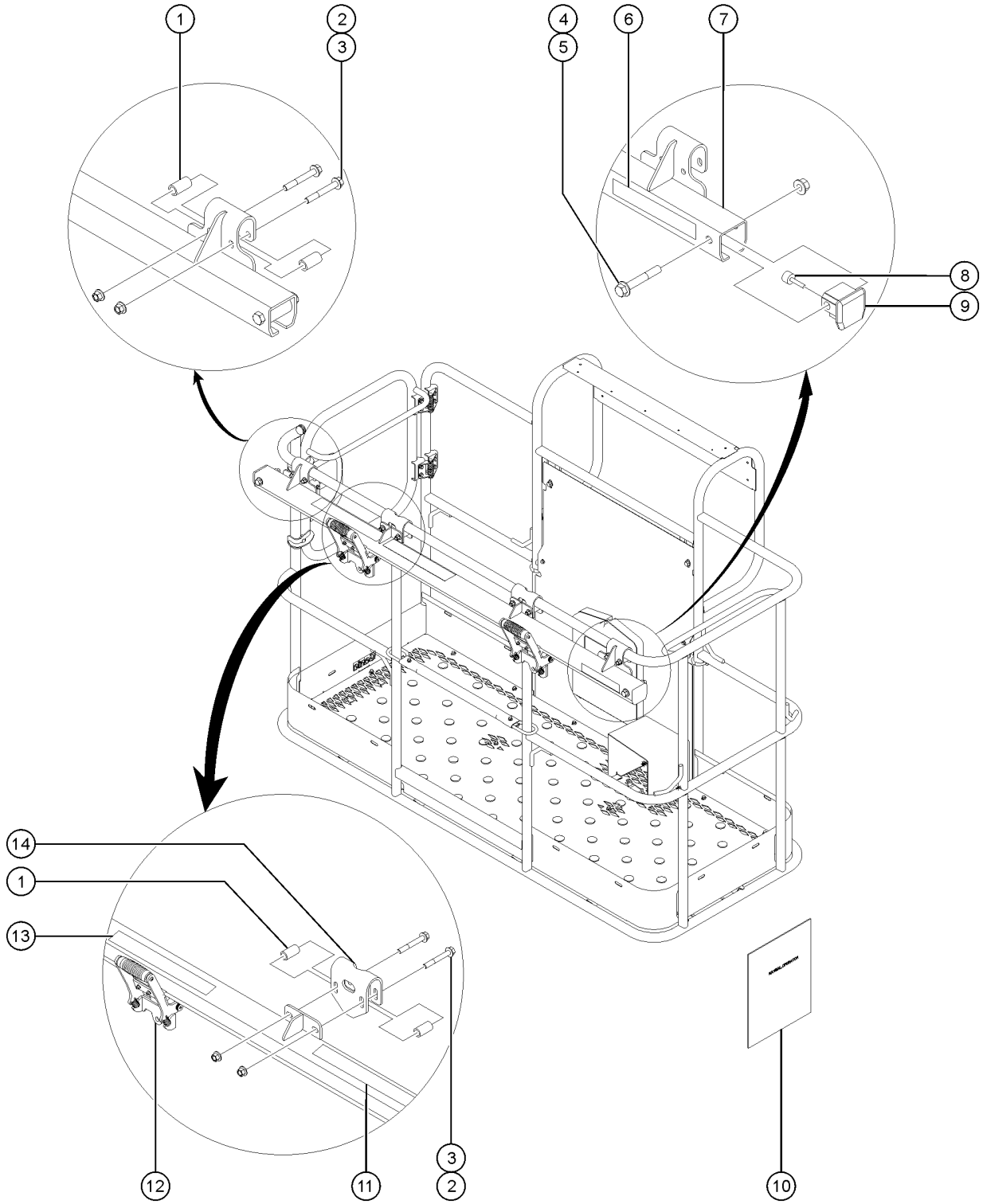
923.1 Pipe Cradle



923.1 Pipe Cradle

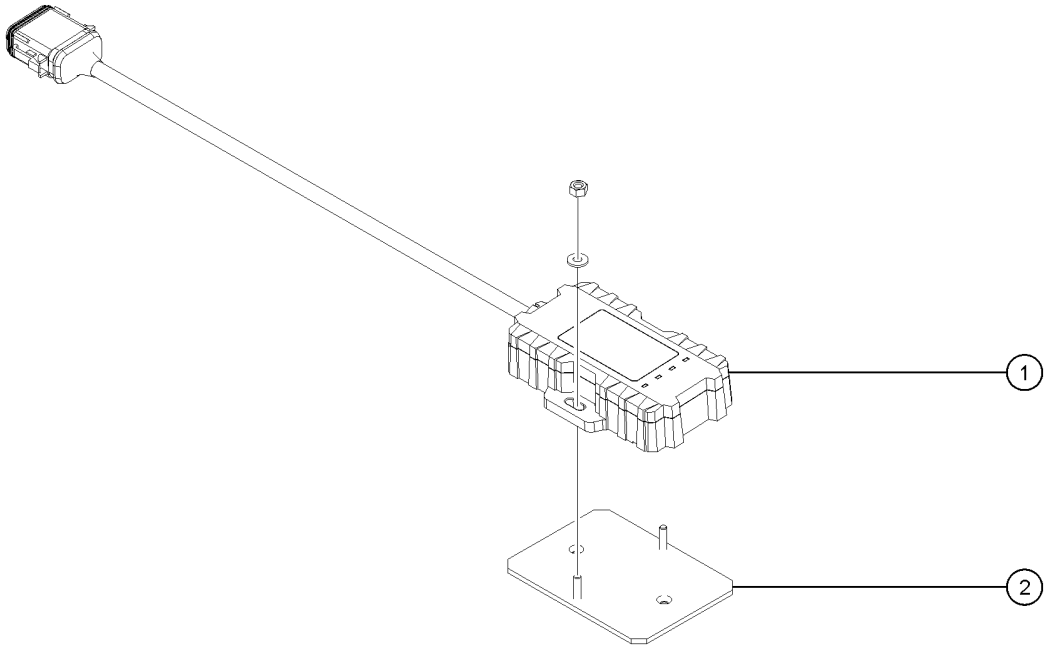
Item	Part No.	Description	Qty.
A	85300GT	PIPE CRADLE ASSY. SERV (ONE)** (ANSI & CE only) (This is a single assembly. Qty 2 of 85300GT required to complete a set)	
A-	65630GT	INSTRUCTIONS-PIPE CRADLE,BOOMS	
1	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
2	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
3	56570GT	STRAP, 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, 1.5DIA. X 3/8 UNC,ZAG	8
9	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	16

924.1 Lift Tools Expo Installer



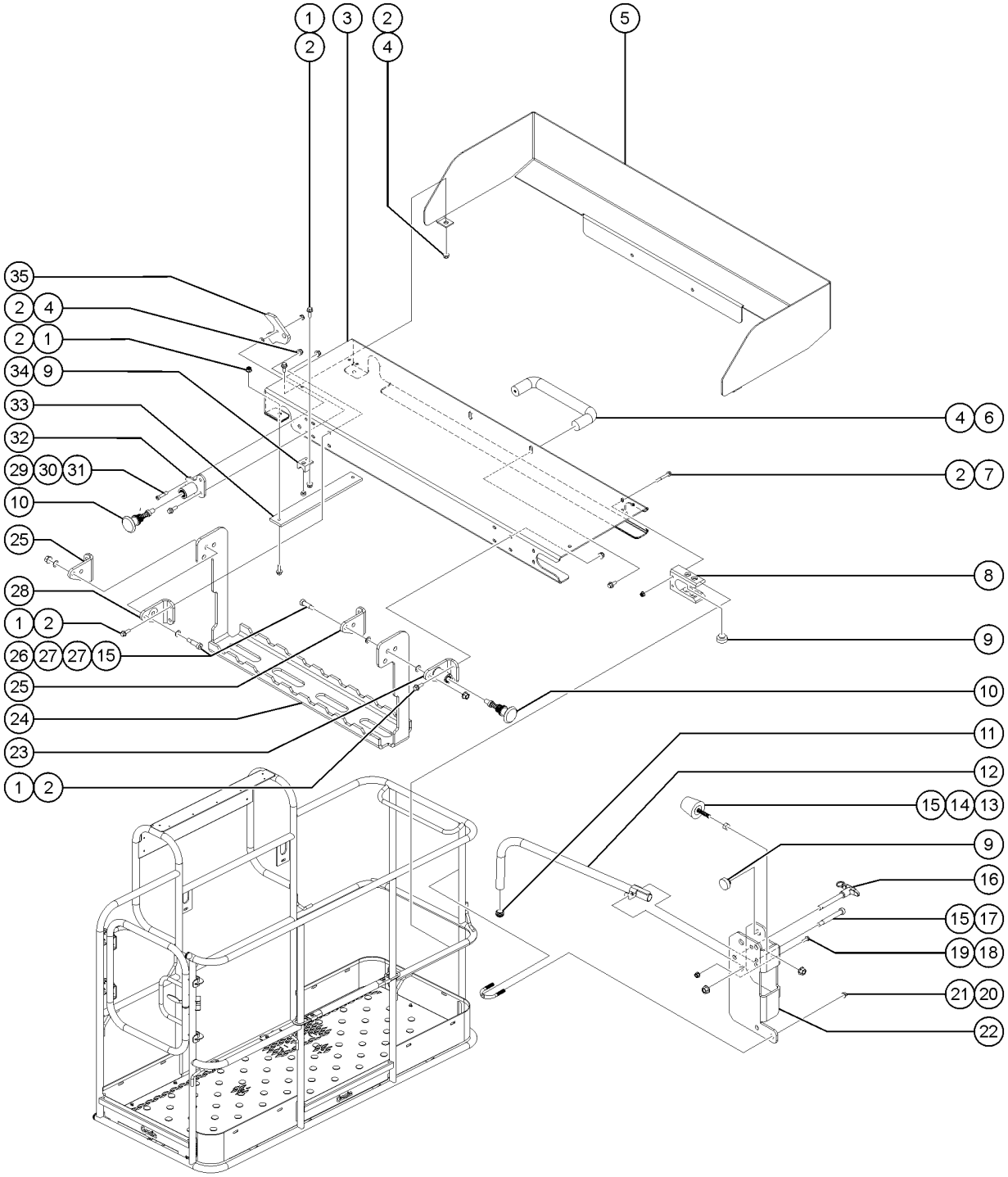
Item	Part No.	Description	Qty.
-	1285719GT	ACC, EXPO INSTALLER, 6FT, WORD (complete kit) 6' Platform with Word decals	
-	1288801GT	ACC, EXPO INSTALLER, 8FT, WORD (complete kit) 8' Platform with Word decals	
-	1286618GT	ACC, EXPO INSTALLER, 6FT, SYM (complete kit) 6' Platform with Symbol decals	
-	1288803GT	ACC, EXPO INSTALLER, 8FT, SYM (complete kit) 8' Platform with Symbol decals	
1	1256481GT	SPACER, HANGER BRACKET	8
2	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG Torque to 44 ft-lbs/60 Nm	8
3	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
4	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG Tighten until snug. Do not over tighten.	2
5	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
6	1286393GT	DECAL, BRANDING, EXPO INSTALLER	1
7	1286620GT	WELDMENT, EXPO INSTALLER TRACK, 6FT	1
7B	1288805GT	WELDMENT, EXPO INSTALLER TRACK, 8FT	
8	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	2
9	1260892GT	END STOP. TFAAS TRACK	2
10	1286259GT	SUPPLEMENT,LIFT TOOLS EXPO INSTALLER	1
11	1286261GT	DECAL,MAX SIDE FORCE, LTEI ,WRDS models with Word decals	1
11B	1286263GT	DECAL,MAX MANUAL FORCE, LTEI ,SYMB models with Symbol decals	1
12	1285721GT	TROLLY,EXPO INSTALLER	1
12-	1289692GT	GRIP,CONTOURED ROUND for 1285721	1
12-	1289693GT	BRAKE, EXPO INSTALLER for 1285721	1
12-	1285730GT	SPRING, COMPRESSION, S/S for 1285721	2
13	1286260GT	DECAL,MAX CAPACITY, LTEI, WRDS models with Word decals	1
13B	1286262GT	DECAL,MAX CAPACITY, LTEI, SYMB models with Symbol decals	1
14	1286621GT	FORMING INNER HANGER, EXPO INSTALLER	2

925.1 Telematics Option



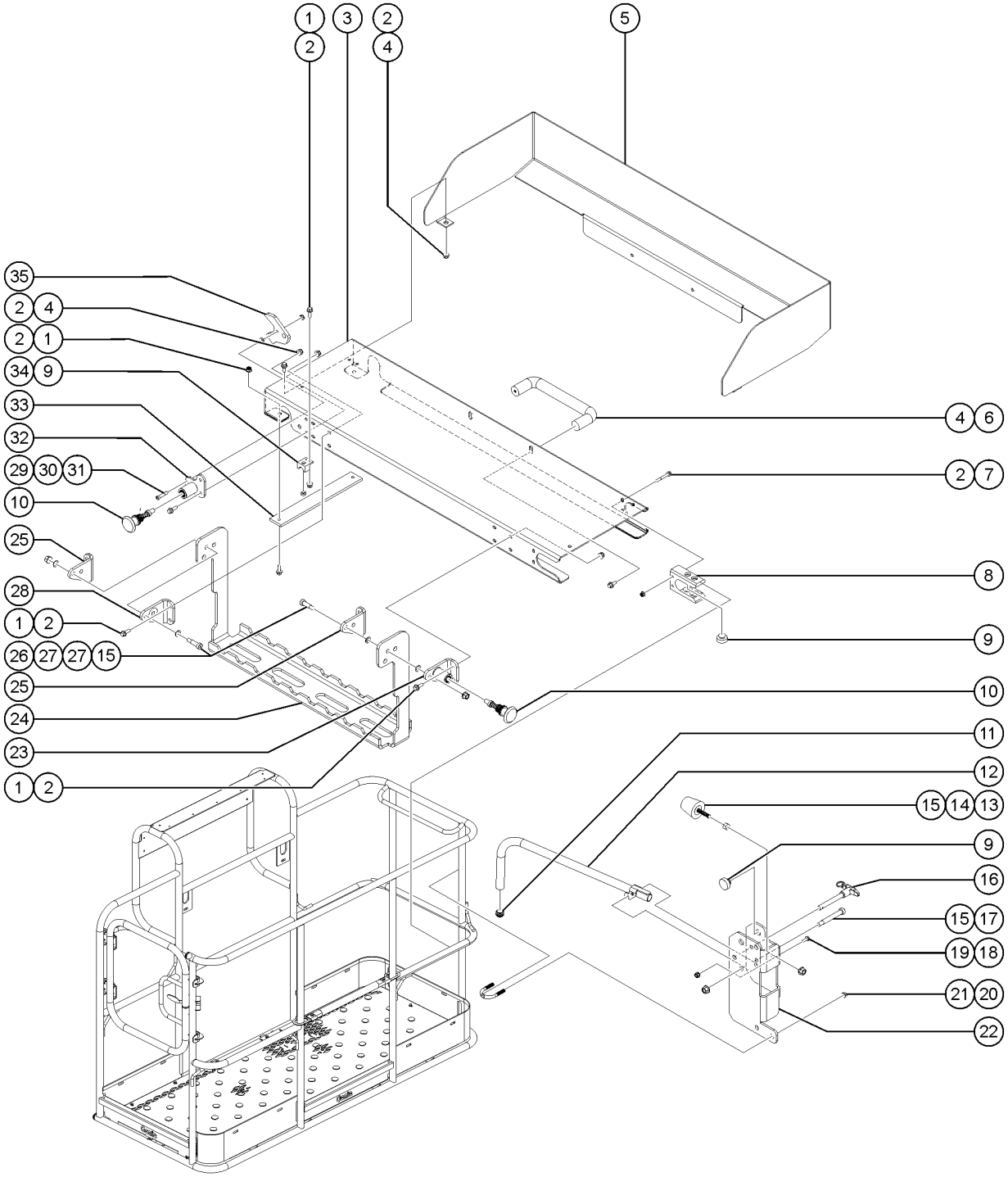
Item	Part No.	Description	Qty.
-	1292198GT	HARNESS, RETROFIT, M7 for first time insulation, must order this Harness with one of the models 1289520GT, 1289521GT, 1289522GT, or 1289523GT	1
1	1289520GT	MODULE, TELEMATICS, ZTR, M7, NORTH AMERICA North America	1
1B	1289521GT	MODULE, TELEMATICS, ZTR, M7, EMEA/APAC EMEA/APAC	
1C	1289522GT	MODULE, TELEMATICS, ZTR, M7, APAC/ANZ APAC/ANZ	
1D	1289523GT	MODULE,TELEMATICS,ZTR,M7,JAPAN Japan	
2	1289561GT	BRACKET, TELEMATICS	1

926.1 Lift Tools Access Deck



Item	Part No.	Description	Qty.
-	1293700GT	KIT, LIFT TOOLS ACCESS DECK, 6FT PLATFORM, ANSI (6 feet)	1
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	16
2	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	24
3	1293710GT	FORMING, ACCESS DECK	1
4	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	6
5	1293702GT	FORMING, ACCESS DECK TOEBOARD, 6FT PLATFORM	1
6	1291802GT	FORMED, PULL HANDLE	1
7	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	4
8	1291812GT	WEAR PAD, HORIZANTAL MIDRAIL SLOT	2
9	43392GT	BUMPER,BATTERY BOX & RAILS	8
10	1291811GT	POP PIN, YELLOW	2
11	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
12	1291815GT	WELDMENT, FOLDING HANDLE	1
13	111580GT	BUMPER,RUBBER,1.19DX1.5X.31-18	1
14	1261250GT	NUT,5/16-18,8,ZAG	1
15	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	4
16	1291865GT	PIN, QUICK RELEASE 3/8X2-1/2	1
16-	1292932GT	LANYARD, STEEL, 8",NYLON SLEEVE,#10	
17	1291817GT	BOLT,SHS,3/8X2.25X5/16-18,ZAG	1
18	1270665GT	SCREW,HHF,10-24X.625,5,ZAG	1
19	1283004GT	NUT,NYLOCK FLG,10-24,A,ZAG	1
20	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4
21	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
22	1293706GT	FORMING, ACCESS DECK HANDLE	1
23	1291844GT	WELDMENT, ACCESS DECK STEP LOCK	1
24	1293703GT	FORMING, ACCESS DECK STEP, 6FT PLATFORM	1
25	1291804GT	FORMING, ACCESS DECK LEFT EYE, 8FT PLATFORM	2
26	1291819GT	BOLT,SHS,3/8X7/8X5/16-18,ZAG	2

926.1 Lift Tools Access Deck



Item	Part No.	Description	Qty.
27	1292828GT	WASHER,FLAT,.39,.625,.036,ZAG	4
28	1291803GT	FORMING, ACCESS DECK RIGHT EYE, 8FT PLATFORM	1
29	1291818GT	BOLT,SHS,1/4X.75X1/4-20,ZAG	1
30	1291821GT	WASHER, FLAT, 1/4X1/16X1/2, AL	1
31	1283026GT	NUT,LP NYLOCK,1/4-20,2,ZAG	1
32	1291809GT	WELDMENT, LIFT TOOLS MIDRAIL LOCK	1
33	1293704GT	PLATE, STIFFENER BAR	2
34	1291813GT	WEAR PAD, VERTICAL MIDRAIL SLOT	2
35	1291806GT	PLATE, MIDRAIL HOOK	1

Part no.	Page Number
1268GT	13
1484GT	13
1487GT	439, 441, 475
1488GT	439, 441, 475
1697GT	333, 337
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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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