Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

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

from SN Z4525D-1358

Part No. 1289073GT
Rev: B13
January 2025

Technical Publications

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

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

Contact Us:

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e-mail: awp.techpub@terex.com

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Second Edition, Second Printing

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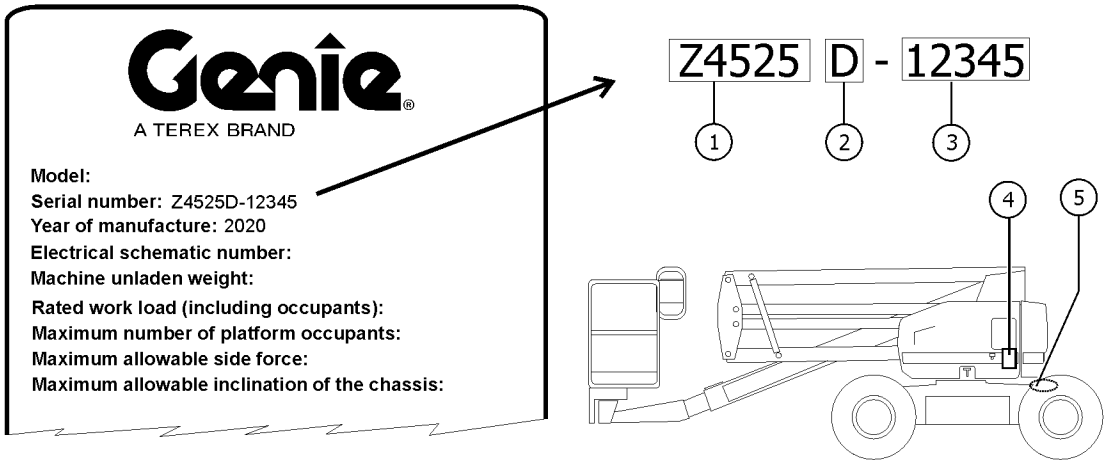

1 Model
2 Facility code
3 Sequence number
4 Serial label (located under cover)
5 Serial number (stamped on chassis)

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)

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Fax (61)(7)3456 4466

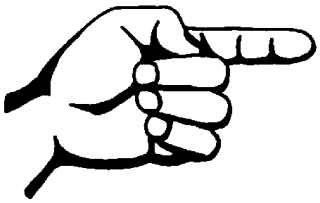
http://genielift.com.au

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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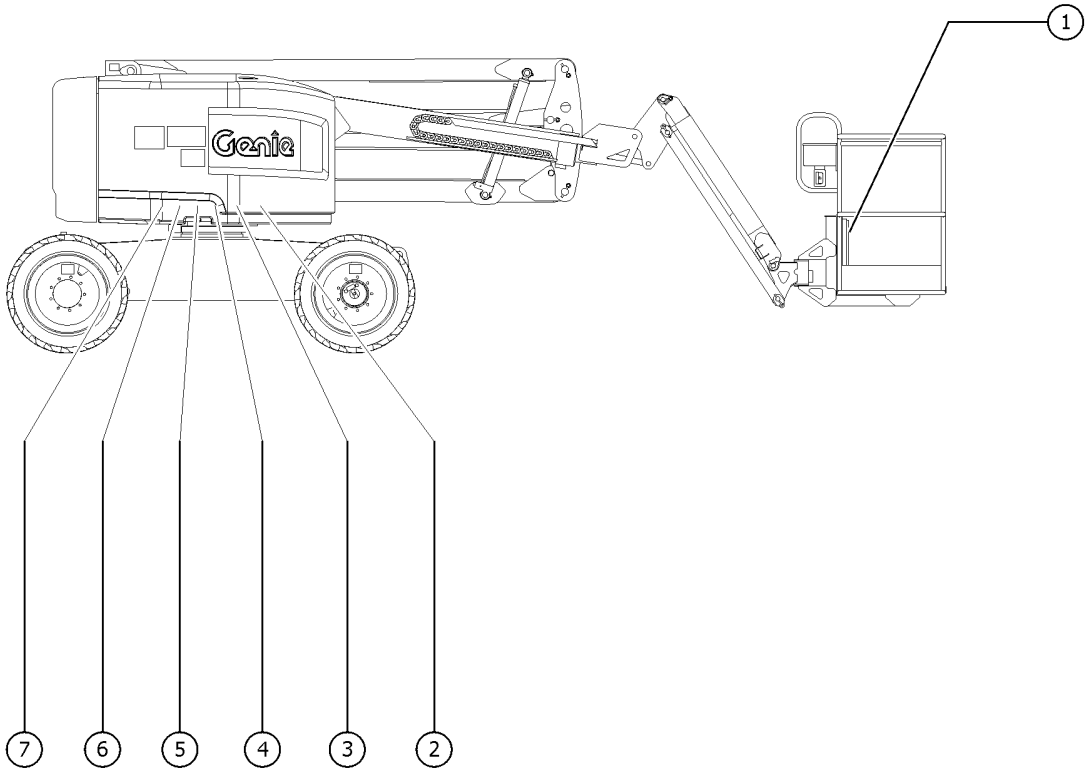
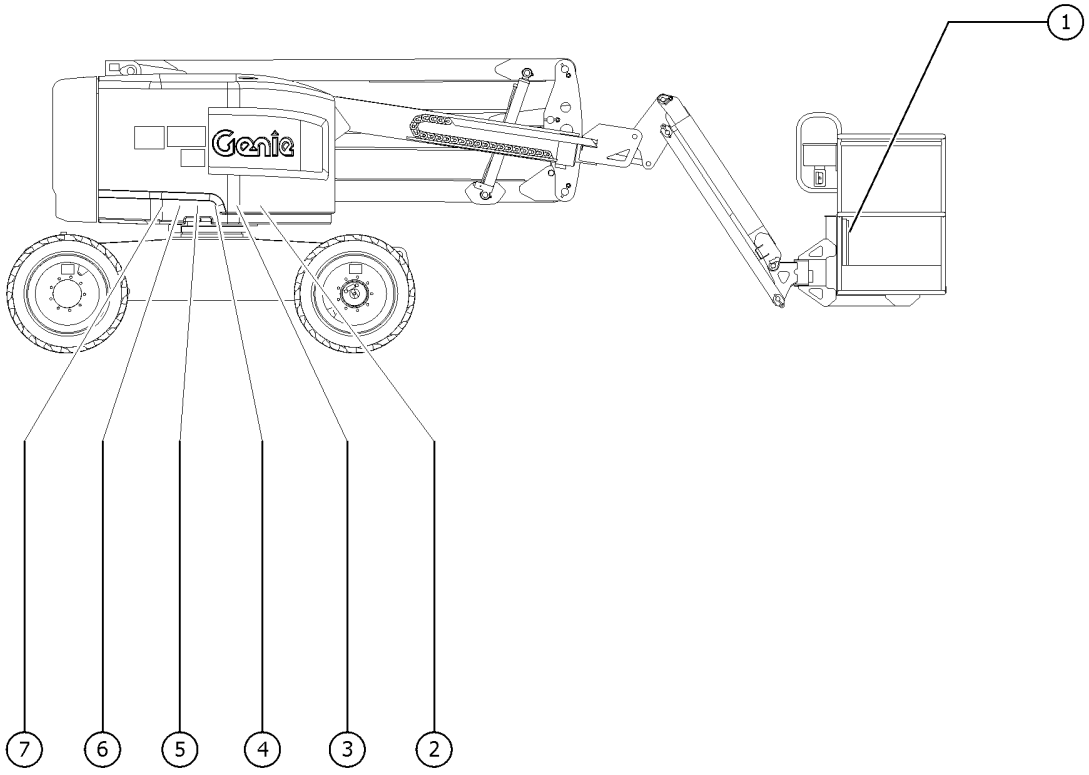
001.1 Parts Stocking List



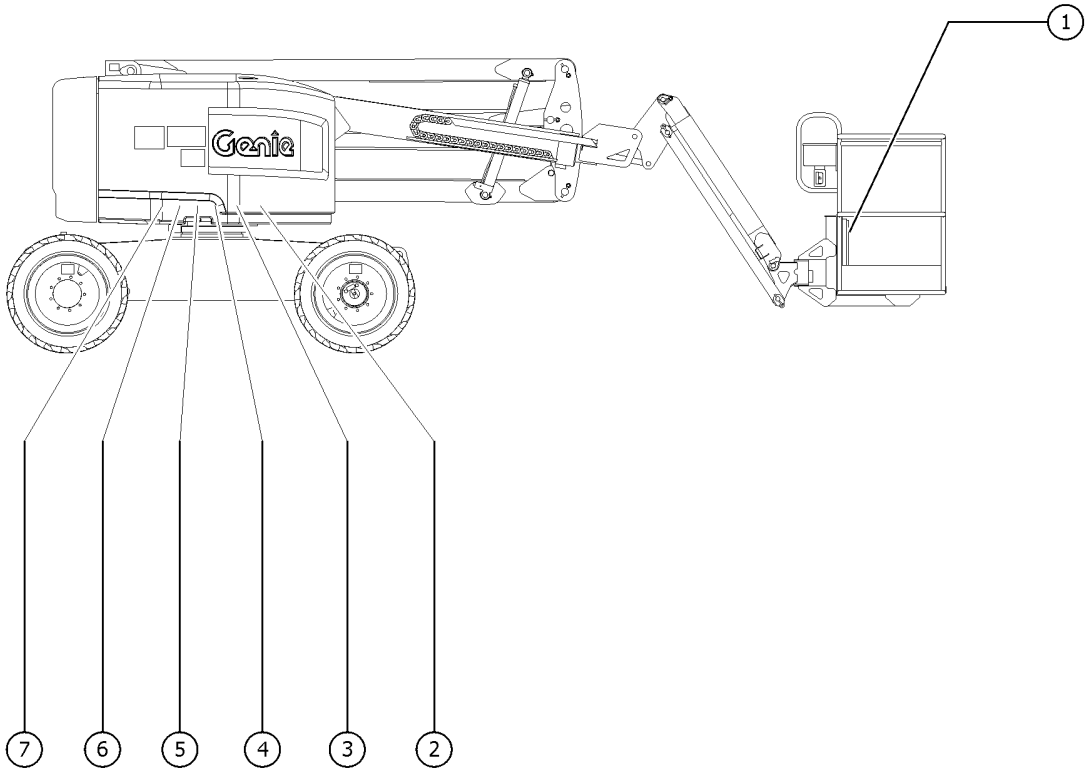
Item	Part No.	Description	Qty.
A		— INSPECTION SERVICE KITS —	
A-	1278707GT	KIT,ANNUAL INSPECTION,Z45/25IC (includes 1268229, 60857,and 77353)	
A-	1278708GT	KIT,ENGINE SERVICE,250 HOUR,DEUTZ D2.9,,Z45/S40/S60/Z62/RT90 Deutz D2.9L4 Models, (includes 49924, 62420, 214228 and 236260)	
A-	1278709GT	KIT,ENGINE 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



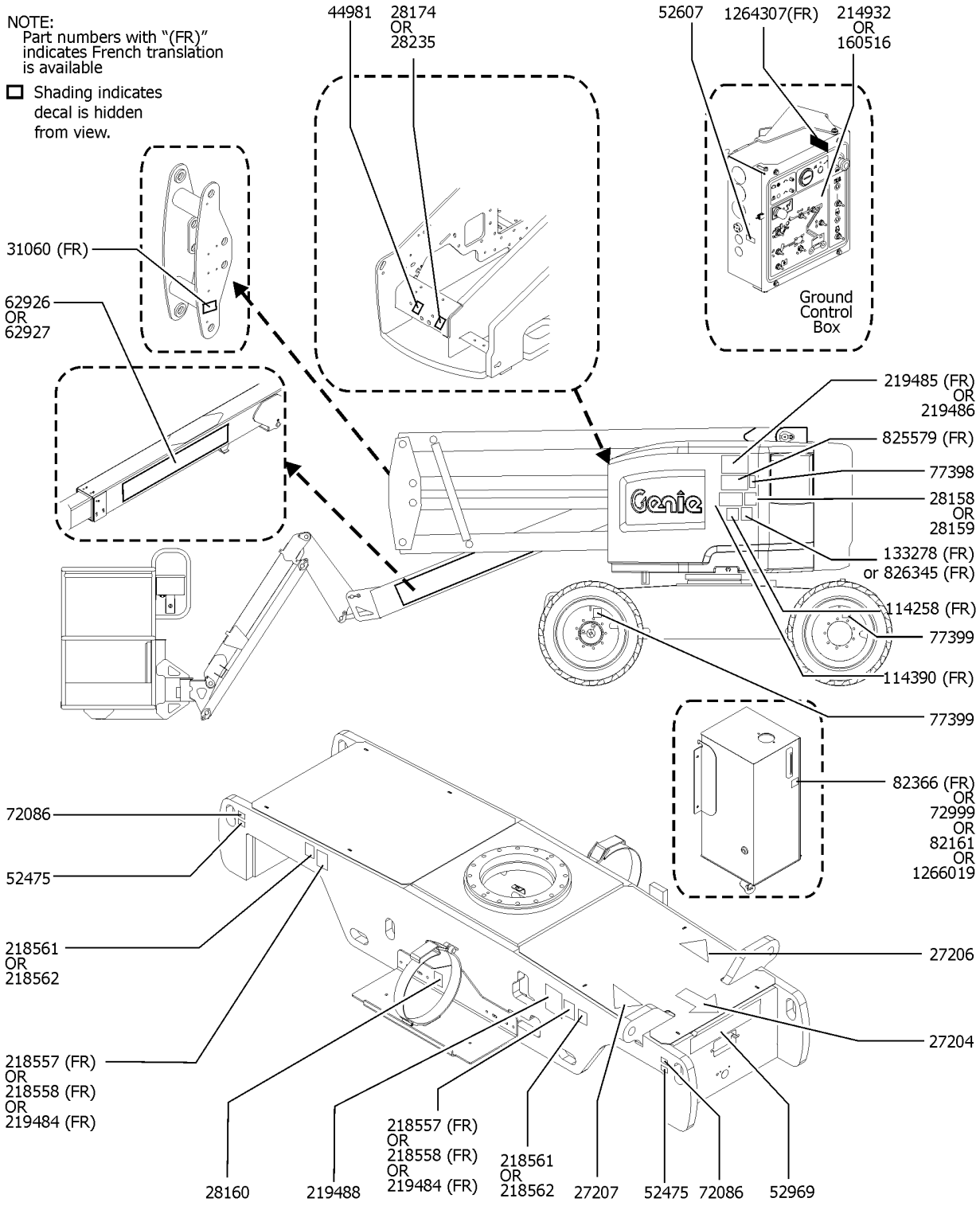
Item	Part No.	Description	Qty.
3-	49924GT	FILTER,OIL,DEUTZ	
3-	32698GT	BELT	
4		— DEUTZ D2.9L4 MODELS —	
4-	62420GT	FILTER,AIR***	
4-	214228GT	FILTER, DEUTZ 2.9, FUEL	
4-	236260GT	FILTER, FUEL PRE-FILTER, SPIN-ON, DEUTZ	
4-	49924GT	FILTER,OIL,DEUTZ	
4-	1262866GT	FAN BELT, ALTERNATOR	
4-	1262867GT	V-BELT, 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***	
6-	62433GT	FILTER,ELEMENT,30 MIC,75020	
6-	94762GT	OIL FILTER - PERKINS	
6-	89765GT	BELT, V (PERKINS 404)	
6-	72346GT	FILTER,FUEL, PERKINS (54555)	
7		— PERKINS 404F-22 MODELS —	
7-	62420GT	FILTER,AIR***	
7-	94762GT	OIL FILTER - PERKINS	
7-	62433GT	FILTER,ELEMENT,30 MIC,75020	
7-	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	

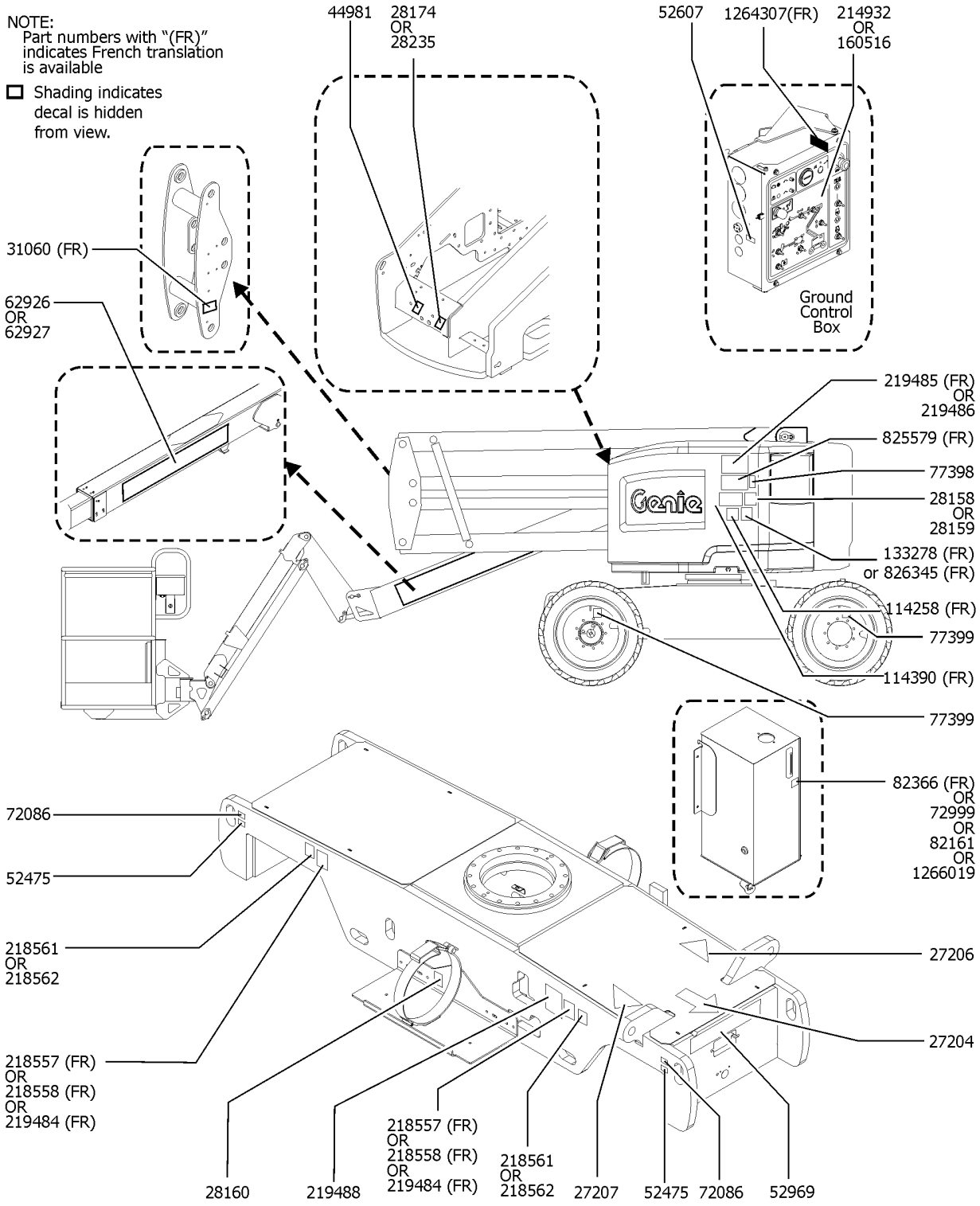
101.1 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia



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

Item	Part No.	Description	Qty.
A	826422GT	DECAL KIT,Z45 COMP,WRD,USA Complete Decal Kit, ANSI	
B	160757GT	DECAL KIT,Z45 PLT,WRD,ANSI/CSA Platform Decal Kit, USA/CSA	
C	826418GT	DECAL KIT,Z45 COMP,WRD,CSA Complete Decal Kit, CSA	
D	160759GT	DECAL KIT,Z45 COMP,WRD,AUS Complete Decal Kit, AUS	
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,LABEL,DIESEL FUEL (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 110PSI (option)	1
11	52475GT	DECAL LABEL TRANSPORT TIE DOWN*	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
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, LABEL - CHEVRON RANDO (models with Chevron Rando)	1
22	114258GT	DECAL,DANGER,NO SMOKING	1
23	114390GT	DECAL,DANGER,ELECT HAZARD***	1

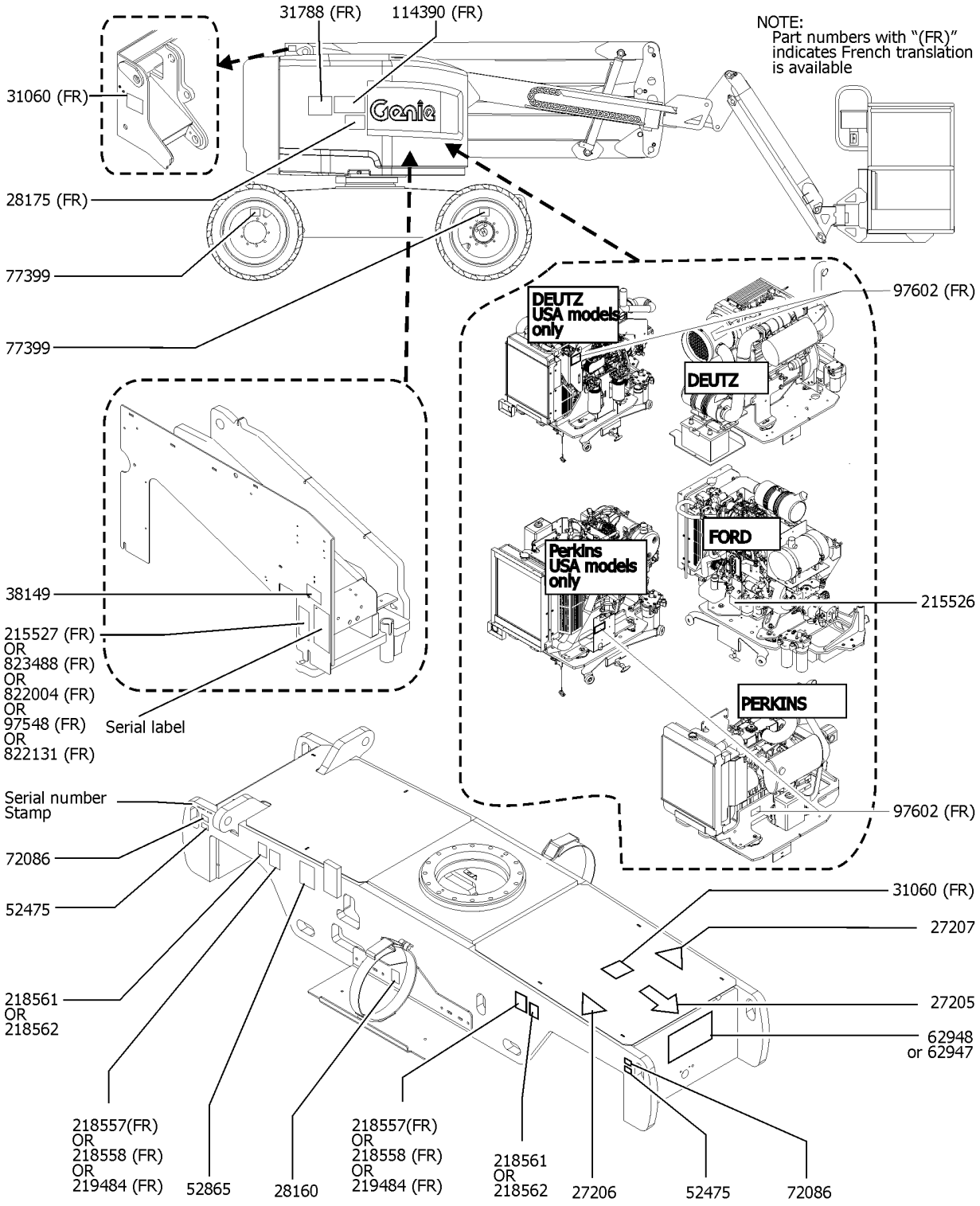
101.1 Decals with Words, Hydraulic Tank Side, ANSI, CSA, Australia



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

Item	Part No.	Description	Qty.
24	133278GT	DECAL,LOW/ULTRA LOW SULFUR FUEL (Diesel models)	1
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
30	218561GT	DECAL,WHEEL LOAD,Z45/25 RT (Z-45/25)	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	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

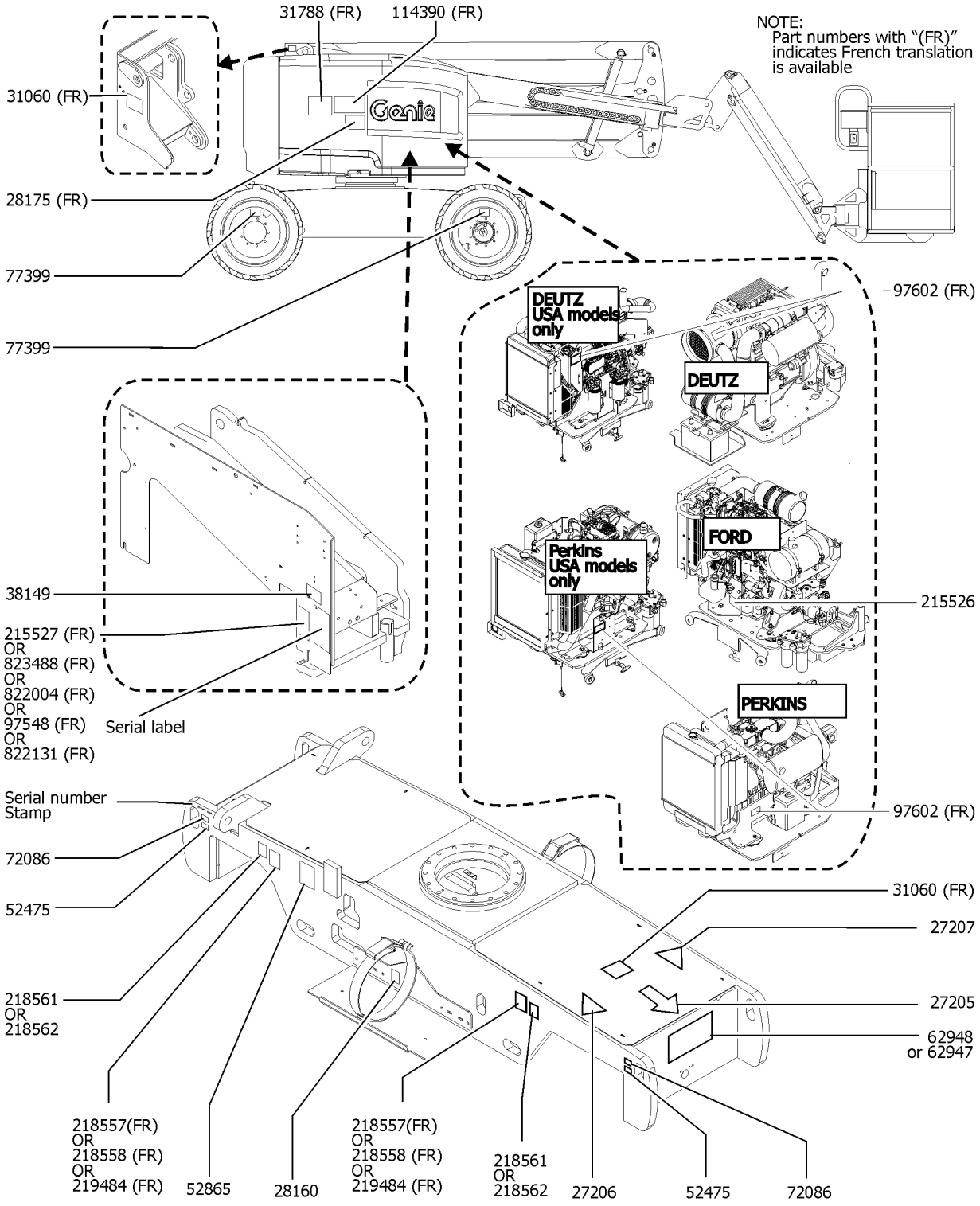
102.1 Decals with Words, Engine Side, ANSI, CSA, Australia



102.1 Decals with Words, Engine Side, ANSI, CSA, Australia

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 TIE DOWN*	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
16B	1278643GT	DECAL,ENGINE SPEC,DEUTZ CHINA III (Diesel models) (CHINA)	1
17	97602GT	DECAL,WARNING,EXPLOSION,ETHER	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
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

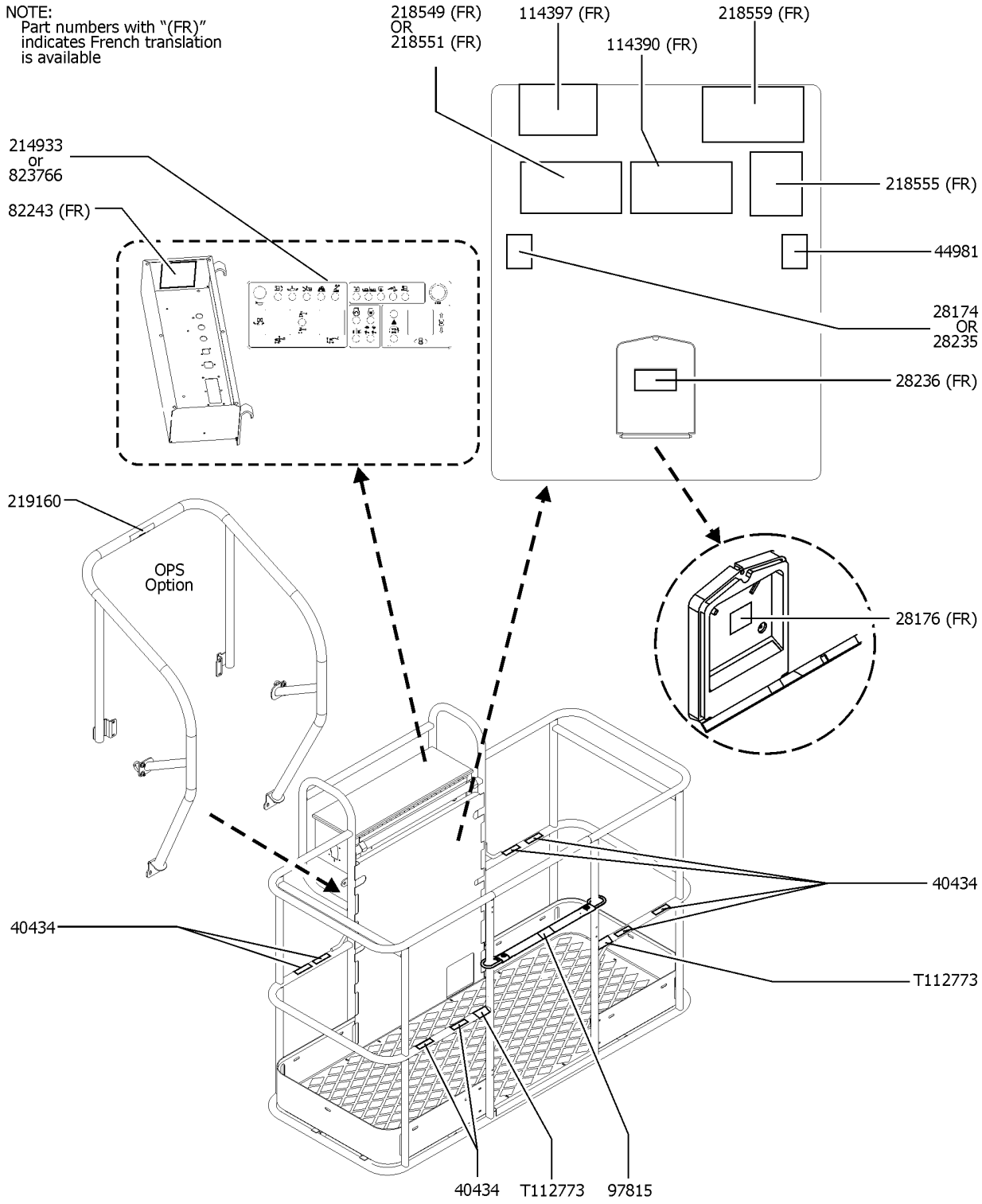
102.1 Decals with Words, Engine Side, ANSI, CSA, Australia



102.1 Decals with Words, Engine Side, ANSI, CSA, Australia

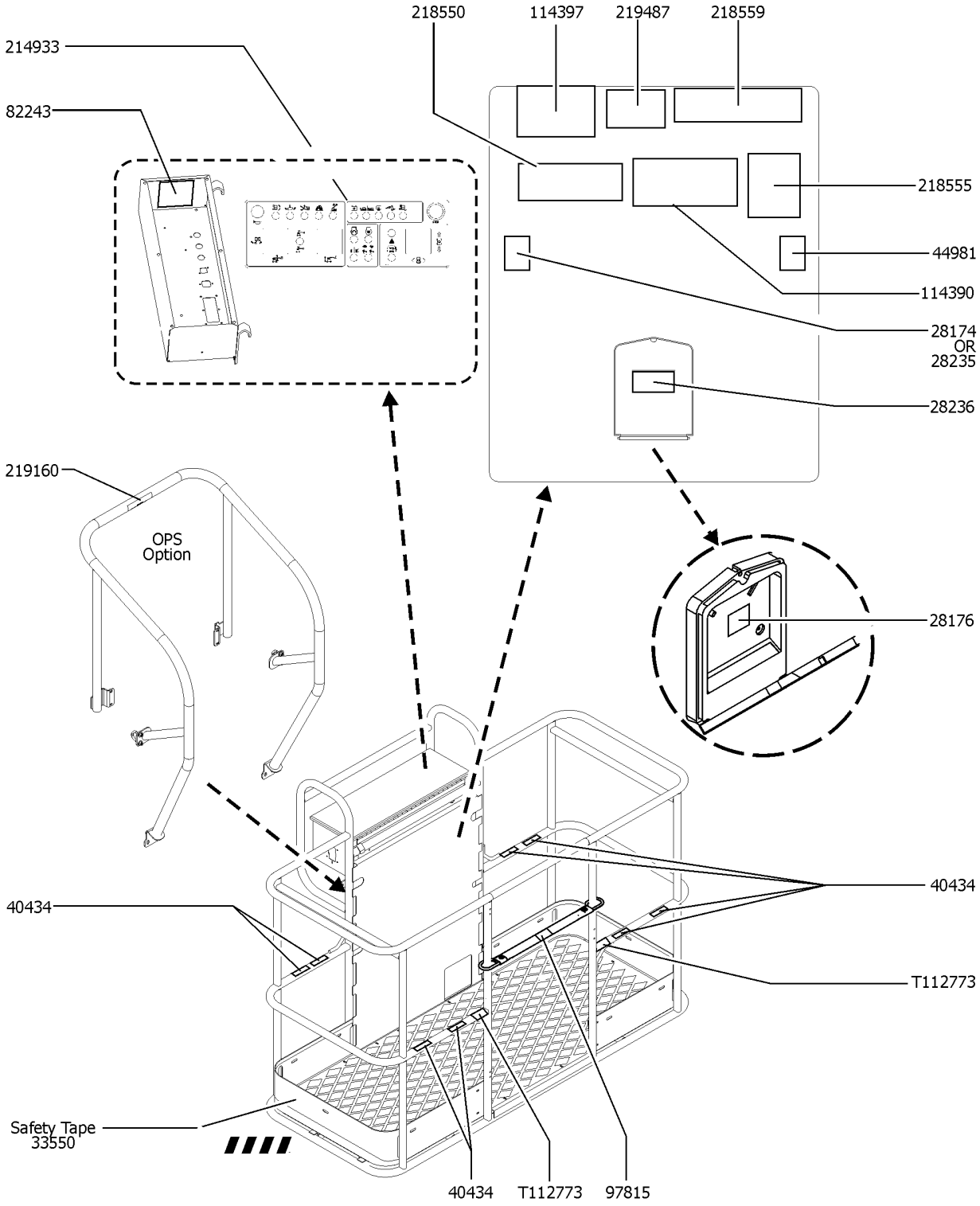
Item	*Part No.*	*Description*	*Qty.*
28	823488GT	DECAL,ENGINE SPEC,PERKINS (Perkins models) (CE, AUS, CSA, Asia, & S. America models)	1

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 110PSI (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

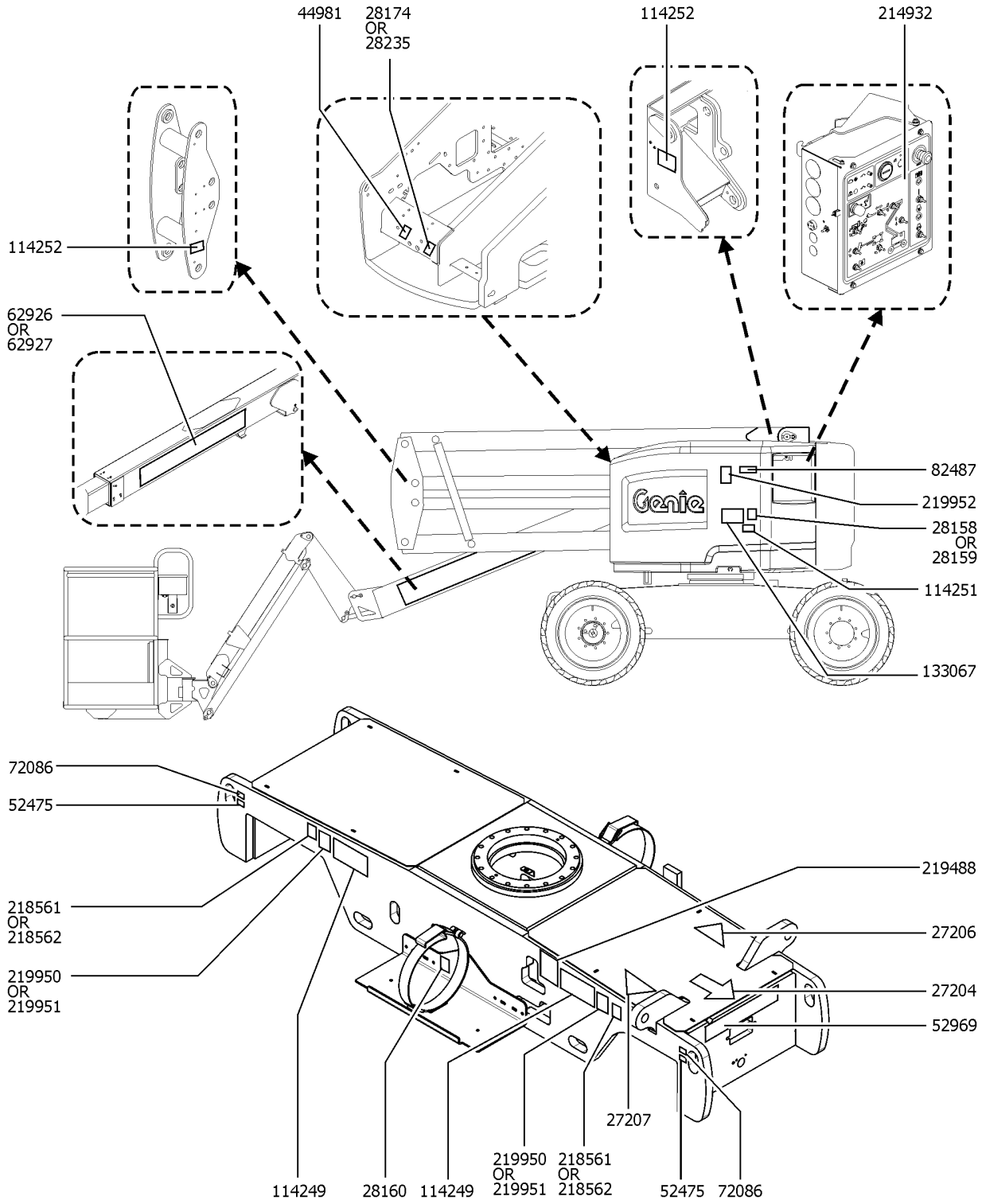
104.1 Decals with Words, Platform, Australia



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
6	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
7	44981GT	DECAL LABEL AIRLINE 110PSI (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

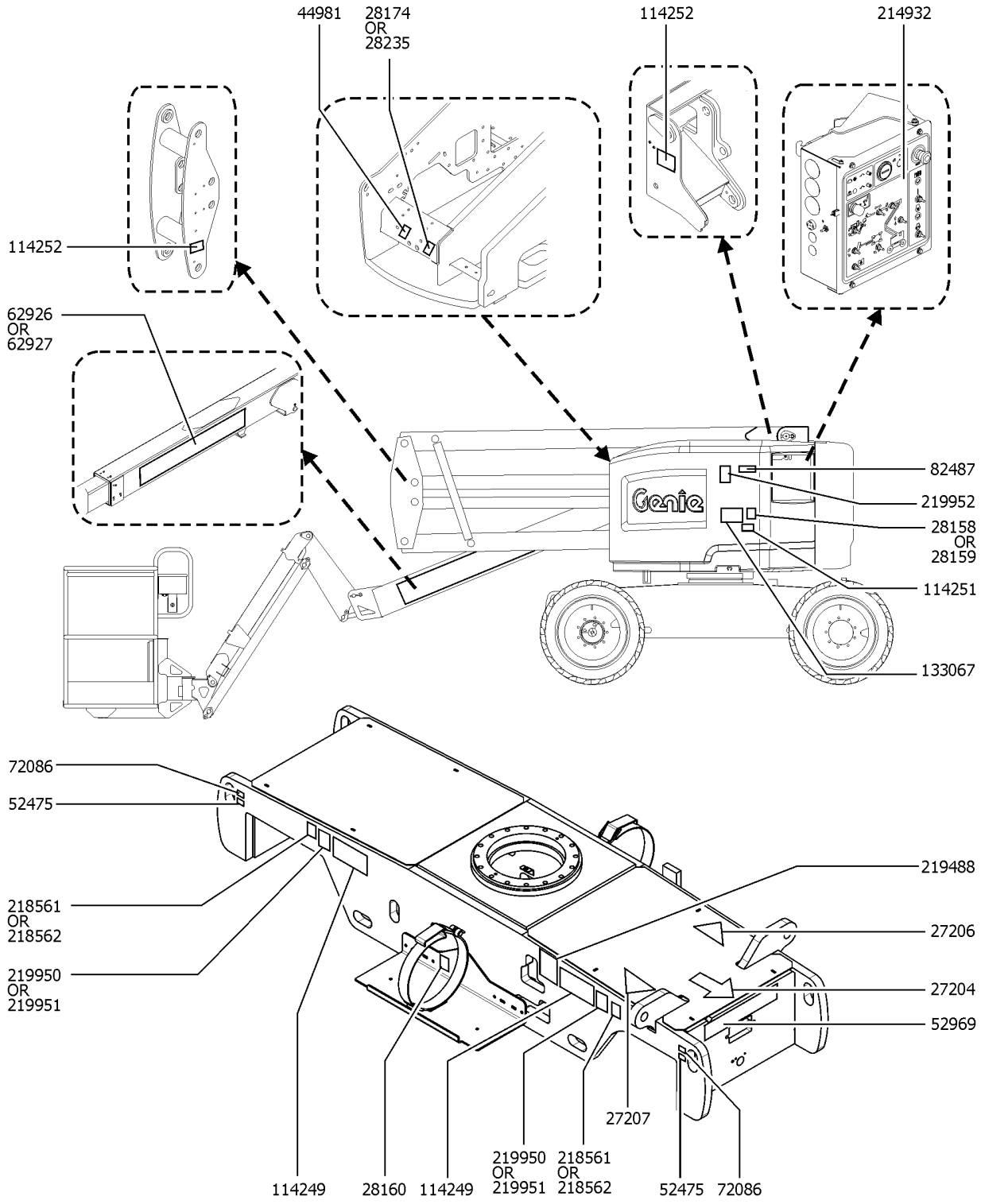
105.1 Decals with Symbols, Hydraulic Tank Side, ANSI and CE



105.1 Decals with Symbols, Hydraulic Tank Side, ANSI and CE

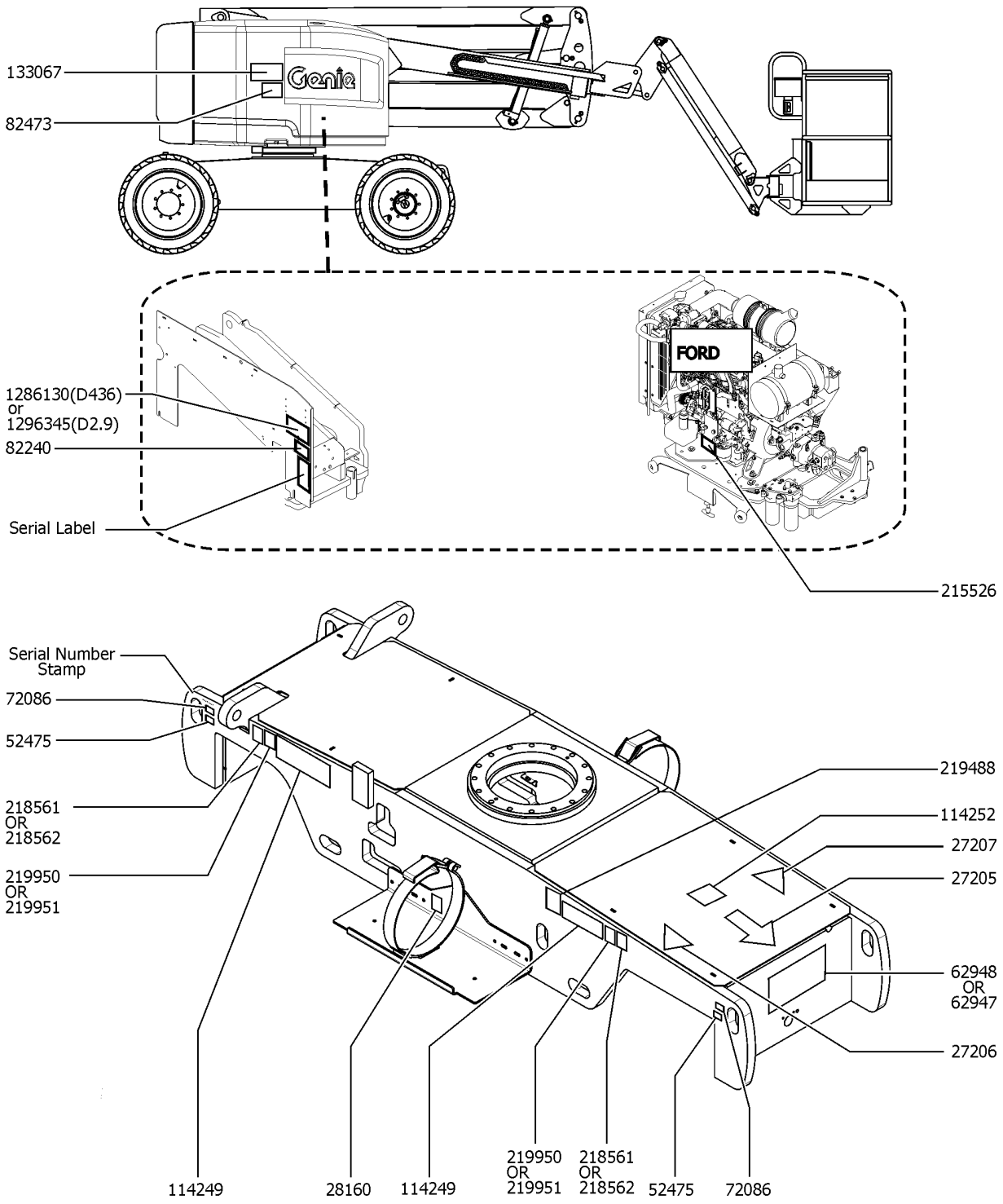
Item	Part No.	Description	Qty.
A	160764GT	DECAL KIT,Z45 COMP,SYM,ANSI Complete Decal Kit, ANSI (from SN A-47001)	
B	160766GT	DECAL KIT,Z45 PLAT,SYM,ANSI Platform Decal Kit, ANSI	
C	160768GT	DECAL KIT,Z45 COMP,SYM,CE Complete Decal Kit, CE (from SN A-47001) (from B-1201)	
D	160770GT	DECAL KIT,Z45&Z51 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,LABEL,DIESEL FUEL (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 110PSI (option)	1
10	52475GT	DECAL LABEL TRANSPORT TIE DOWN*	2
11	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
12	62926GT	DECAL,COSMETIC,GENIE Z-45/25J (Z-45/25J)	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
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

105.1 Decals with Symbols, Hydraulic Tank Side, ANSI and CE



Item	Part No.	Description	Qty.
25	219951GT	DECAL,TIRE PRESSURE,HIGH FLOAT (high floatation tires)	2
26	219952GT	DECAL,EMERGENCY LOWERING	1

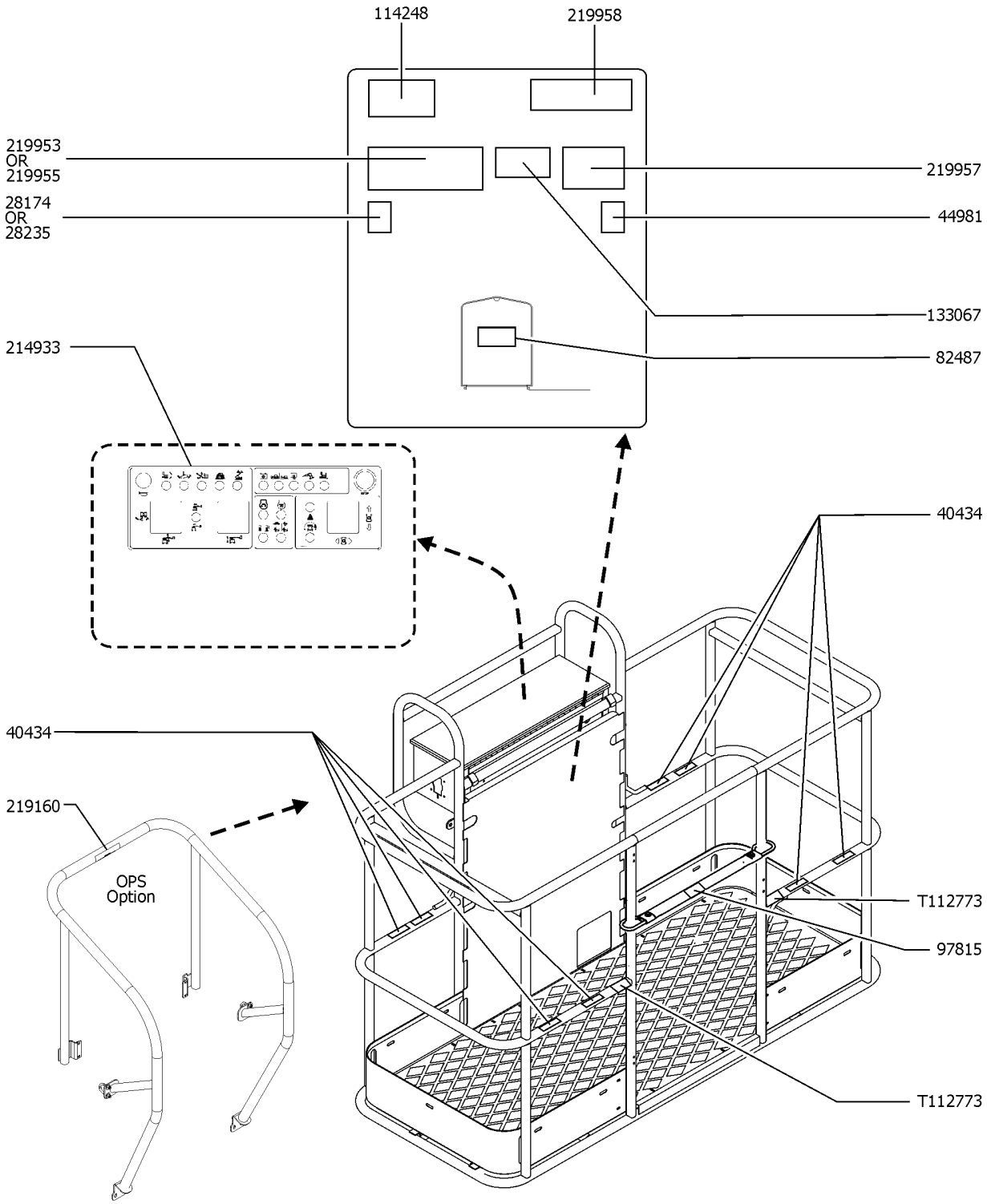
106.1 Decals with Symbols, Engine Side, ANSI and CE



106.1 Decals with Symbols, Engine Side, ANSI and CE

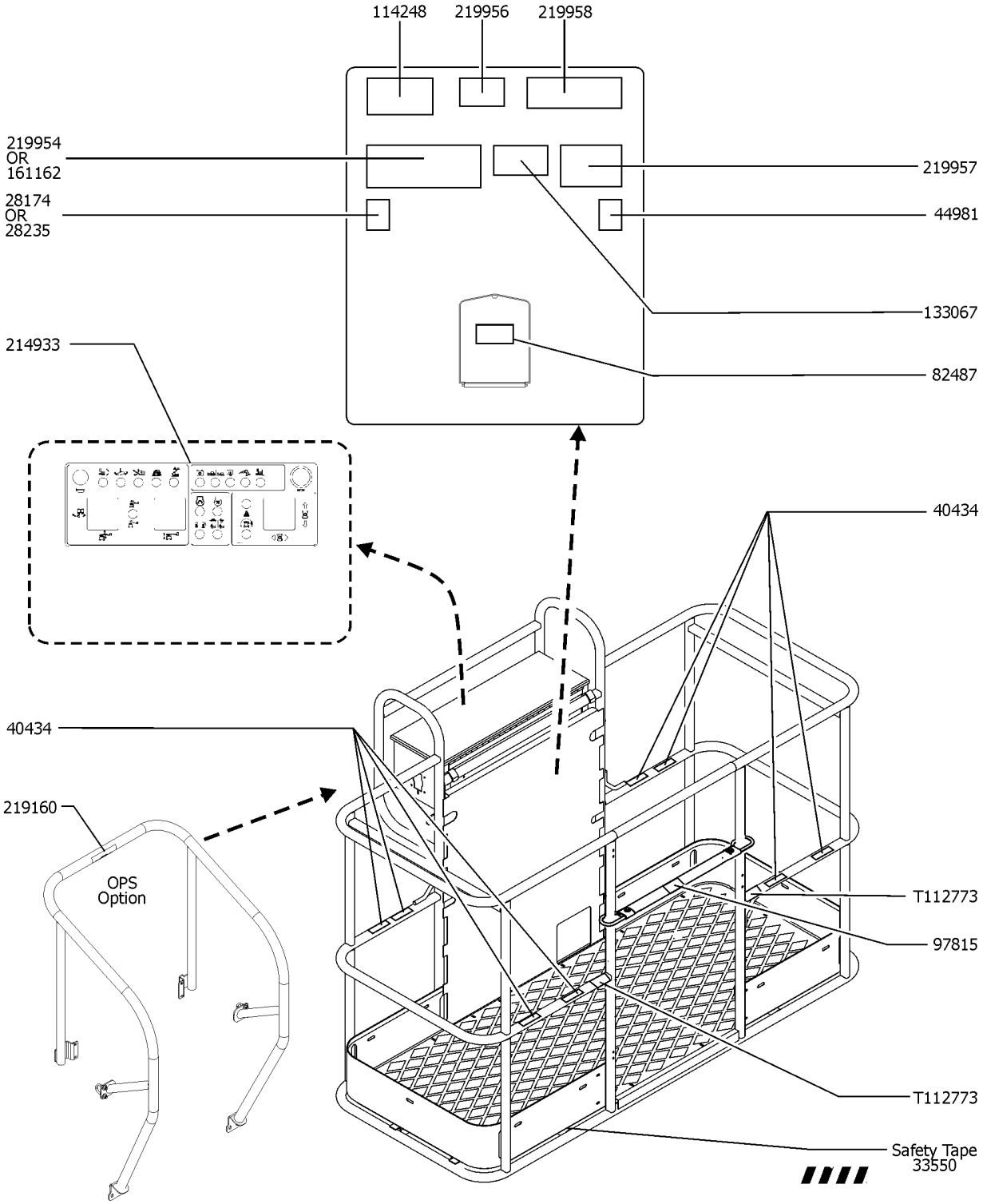
Item	Part No.	Description	Qty.
A-		Ref. Symbol Decal Kits (refer to 105.1)	
1	27205GT	DECAL,ARROW YELLOW LRG 9"	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28160GT	DECAL,LABEL,LIQUID PROPANE	1
5	52475GT	DECAL LABEL TRANSPORT TIE DOWN*	2
6	62947GT	DECAL,COSMETIC,IC POWER 4 X 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
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
20	1286130GT	DECAL, Z45IC EMISSION INFO, CHINA Ⅲ.D436 (Only China models, Deutz D436-L3i-CN3 Engine)	1
20B	1296345GT	DECAL, Z45IC EMISSION INFO, CHINA III,D2.9 (Deutz D2.9L4 Engine)	1

107.1 Decals with Symbols, Platform, ANSI



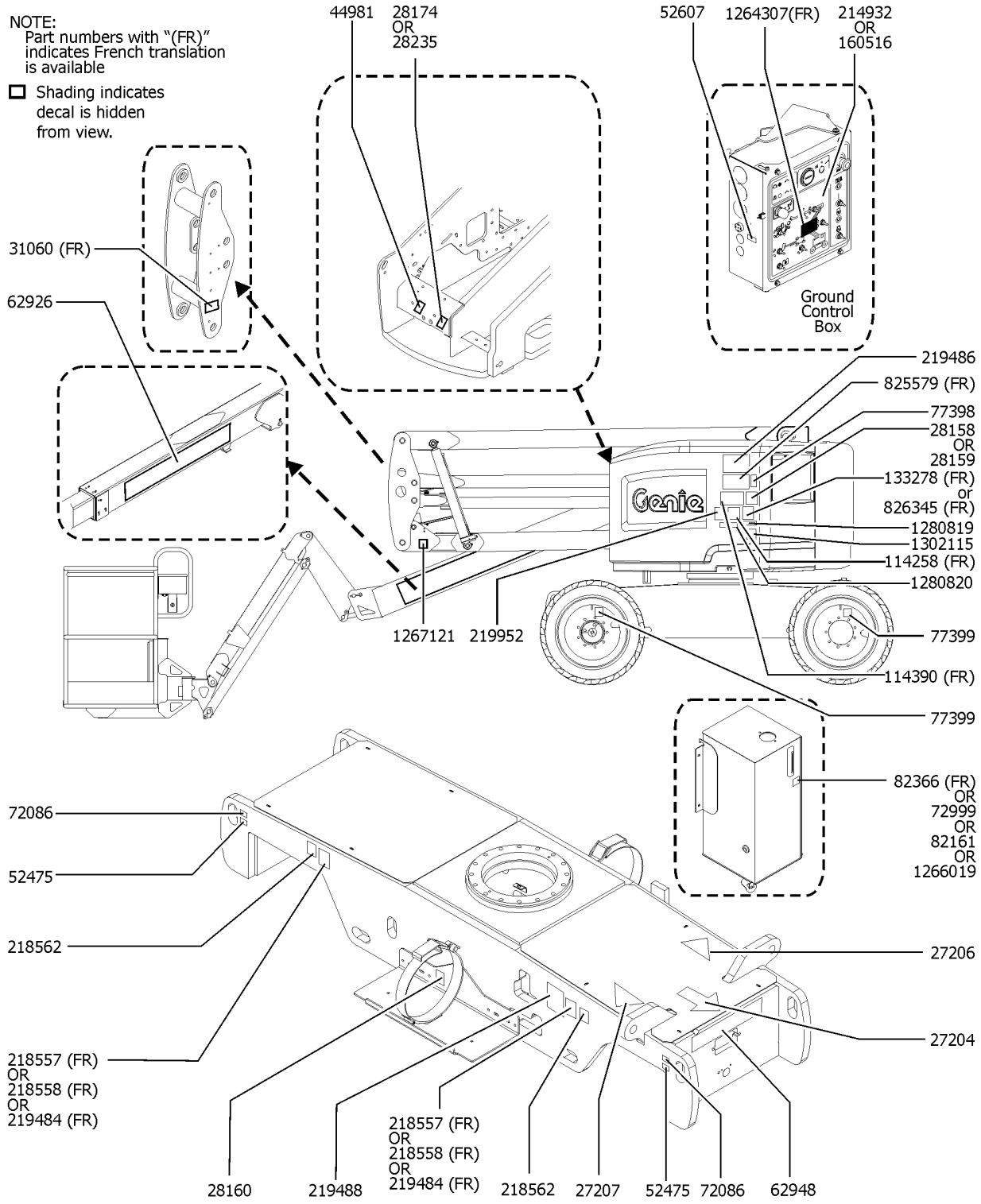
Item	*Part No.*	*Description*	*Qty.*
A-		Ref. Symbol Decal Kits (refer to 105.1)	
1	28174GT	DECAL, POWER TO PLATFORM 230V**	1
2	28235GT	DECAL, POWER TO PLATFORM 115V**	1
3	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
4	44981GT	DECAL LABEL AIRLINE 110PSI (option)	1
5	82487GT	DECAL, SYMBOL - READ THE MANUAL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

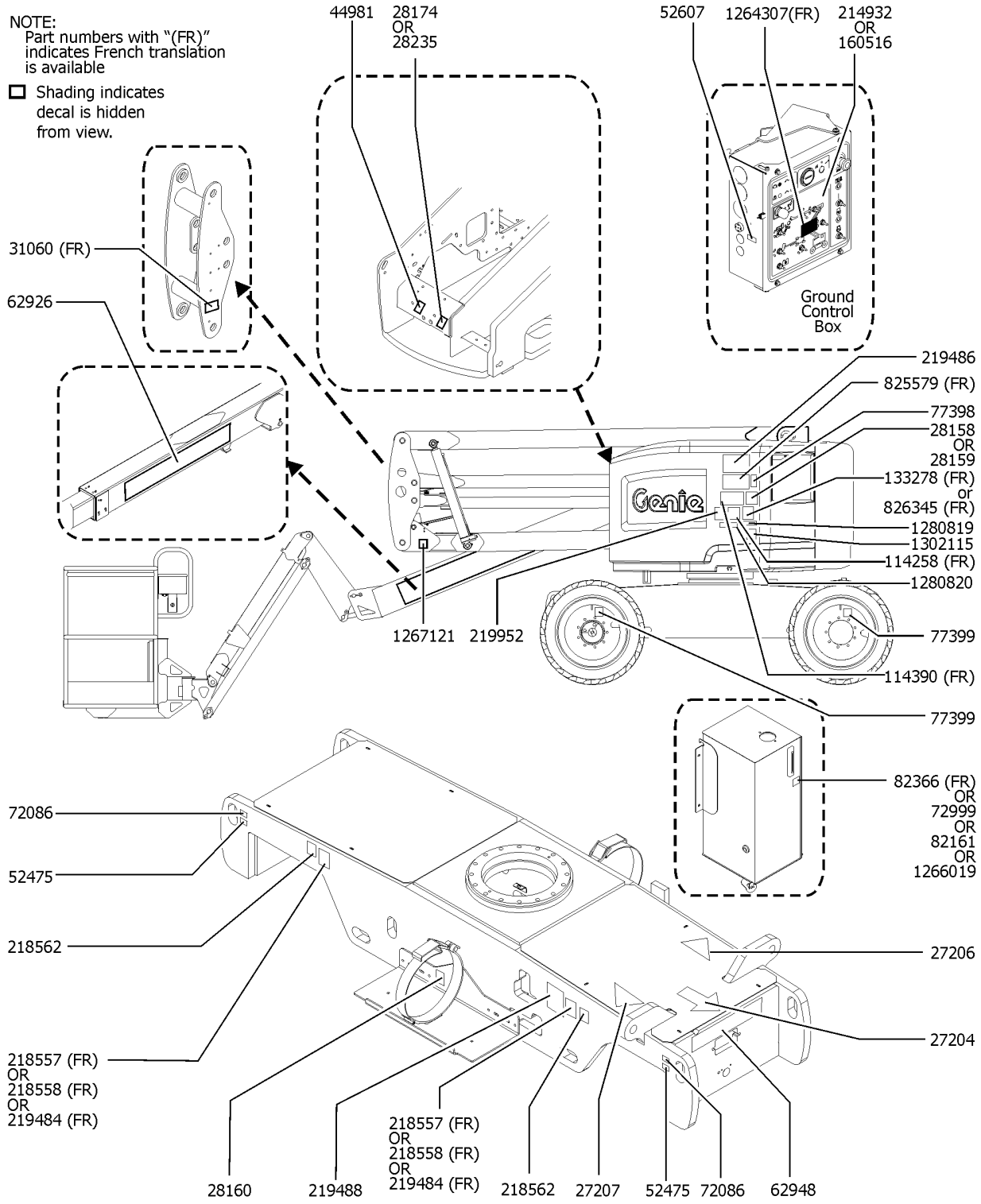
109.1 Decals with Words, Hydraulic Tank Side, New ANSI & CE (From Sep 1st, 2020)



109.1 Decals with Words, Hydraulic Tank Side, New ANSI & CE (From Sep 1st, 2020)

Item	Part No.	Description	Qty.
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,LABEL,DIESEL FUEL (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 110PSI (option)	1
11	52475GT	DECAL LABEL TRANSPORT TIE DOWN*	2
12	52607GT	DECAL,LABEL,TEST***	1
13	62926GT	DECAL,COSMETIC,GENIE Z-45/25J	1
14	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
15	72086GT	DECAL,LABEL,LIFTING EYE	2
16	72999GT	DECAL,LABEL,PETRO CANADA*** (models with Petro Canada)	1
17	77398GT	DECAL,TIRE SEALANT,3.25 X 7.5	1
18	77399GT	DECAL,TIRE SEALANT,1.5 X 1.5	2
19	82161GT	DECAL,LABEL,UCON HYDROLUBE (models with UCON Hydrolube)	1
20	82366GT	DECAL, LABEL - CHEVRON RANDO (models with Chevron Rando)	1
21	114258GT	DECAL,DANGER,NO SMOKING	1
22	114390GT	DECAL,DANGER,ELECT HAZARD***	1
23	133278GT	DECAL,LOW/ULTRA LOW SULFUR FUEL (Diesel models)	1
24	160516GT	DECAL,LABEL,TRANSPORT (USA models only)	1
25	214932GT	DECAL,GROUND CONTROL PANEL	1
26	218557GT	DECAL,DANGER,TIPOVER,AIR TIRES	2
27	218558GT	DECAL,DANGER,TIPOVER,HF TIRES (models with high floatation tires)	2
28	218562GT	DECAL,WHEEL LOAD,Z45/25J RT	2

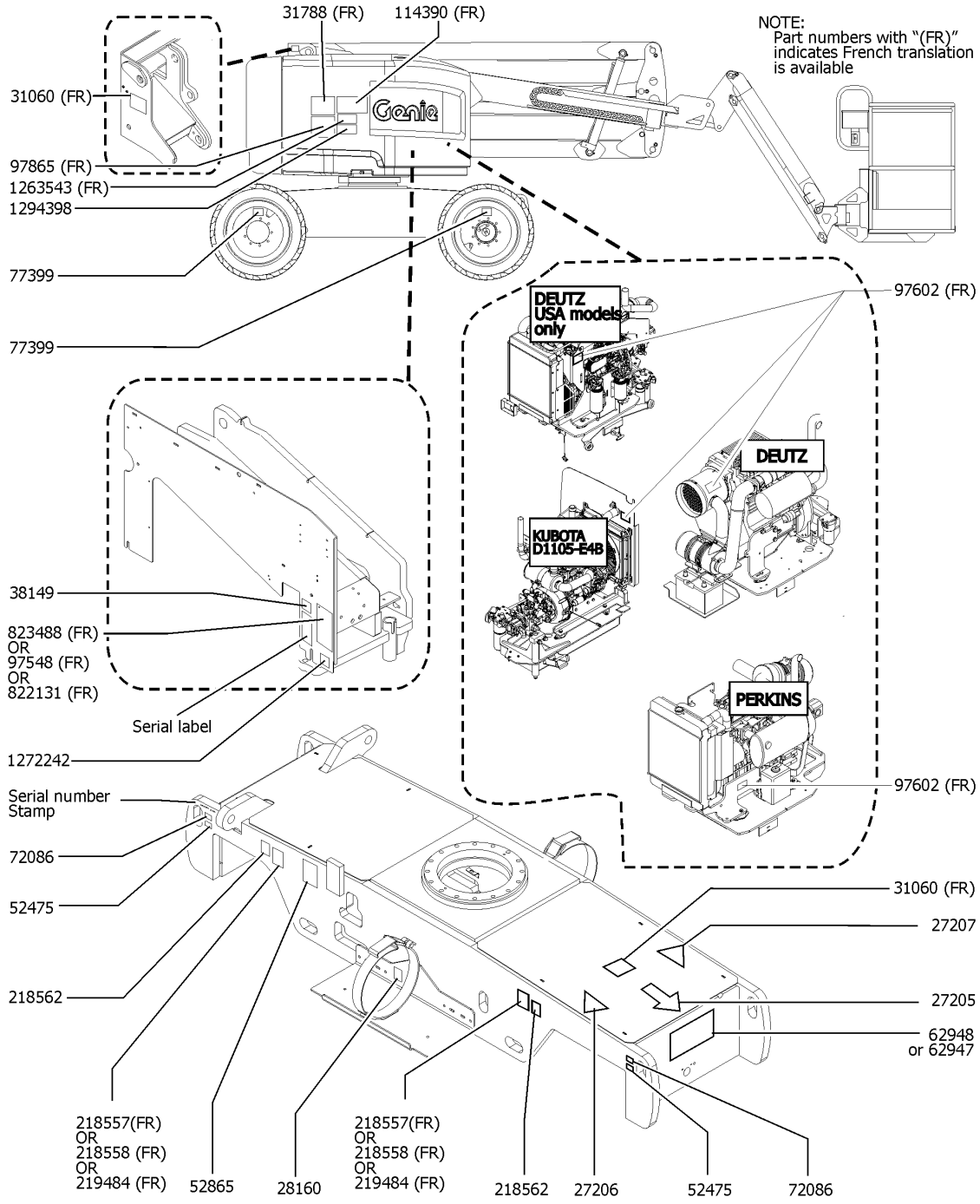
109.1 Decals with Words, Hydraulic Tank Side, New ANSI & CE (From Sep 1st, 2020)



109.1 Decals with Words, Hydraulic Tank Side, New ANSI & CE (From Sep 1st, 2020)

Item	Part No.	Description	Qty.
29	219484GT	DECAL,DANGER,TIP,FOAM TIRES (models with aircraft protection or pipe cradle option	2
30	219486GT	DECAL,OP INST,GROUND,AUS (AUS models)	1
31	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM	1
32	219952GT	DECAL,EMERGENCY LOWERING	1
33	825579GT	DECAL, LCD, TIER 4 (USA models only)	1
34	826345GT	DECAL,ULS DIESEL ONLY,TIER 4 (USA models only)	1
35	1264307GT	DECAL,LABEL,RELAYS,Z45IC,Z51	1
36	1266019GT	DECAL, LABEL, SHELL TELLUS (models with Shell Tellus)	1
37	1267121GT	DECAL, BOOM SUPPORT	
38	1280819GT	DECAL,WARNING,CANCER AND REPRODUCTIVE HARM, PROP 65 (Prop 65 US ANSI only)	1
39	1280820GT	DECAL,FUEL,DIESEL EXHAUST, PROP 65 (Prop 65 diesel models US ANSI only)	1
40	1302115GT	QRCode Genie AWP (Chinese Market)	1

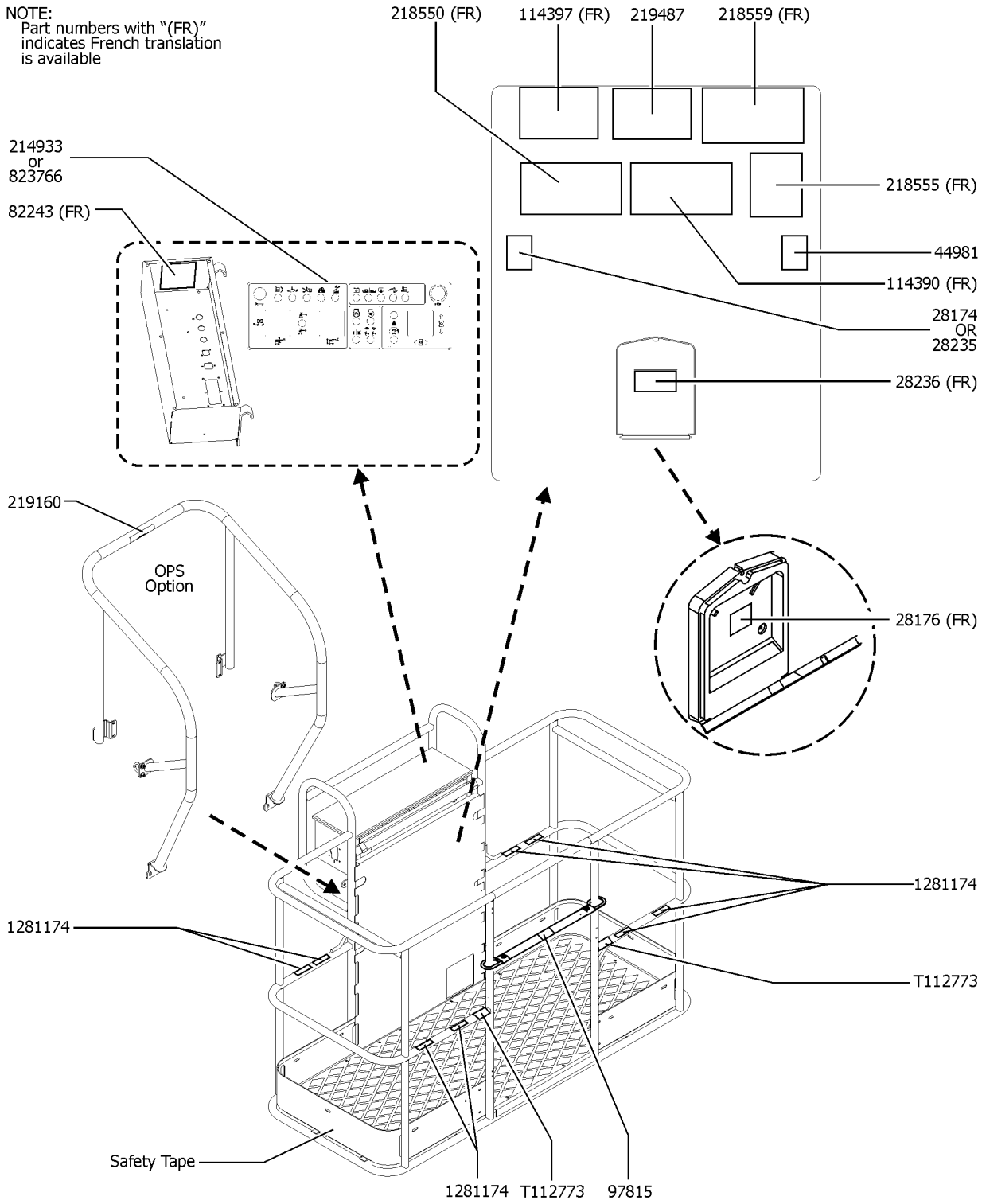
110.1 Decals with Words, Engine Side, New ANSI & CE (From Sep 1st, 2020)



110.1 Decals with Words, Engine Side, New ANSI & CE (From Sep 1st, 2020)

Item	Part No.	Description	Qty.
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	31060GT	DECAL,DANGER DO NOT ALTER SWTC	2
6	31788GT	DECAL,DANGER,BATTERY SAFETY***	1
7	38149GT	DECAL LABEL PATENTS	1
8	52475GT	DECAL LABEL TRANSPORT TIE DOWN*	2
9	52865GT	DECAL,ANNUAL INSP***	1
10	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
11	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
12	72086GT	DECAL,LABEL,LIFTING EYE	2
13	77399GT	DECAL,TIRE SEALANT,1.5 X 1.5	2
14	97548GT	DECAL,ENGINE SPEC,DEUTZ 2011 (Diesel models)	1
15	97602GT	DECAL,WARNING,EXPLOSION,ETHER	1
16	97865GT	DECAL,WARN,ELECTRO HAZARD	1
17	114390GT	DECAL,DANGER,ELECT HAZARD***	1
18	218557GT	DECAL,DANGER,TIPOVER,AIR TIRES	2
19	218558GT	DECAL,DANGER,TIPOVER,HF TIRES (models with high floatation tires)	2
20	218562GT	DECAL,WHEEL LOAD,Z45/25J RT	2
21	219484GT	DECAL,DANGER,TIP,FOAM TIRES (models with aircraft protection or pipe cradle option)	2
22	822131GT	DECAL, ENGINE SPEC, D2.9 (Deutz models) (USA models only)	1
23	823488GT	DECAL,ENGINE SPEC,PERKINS (Perkins models)	1
24	1263543GT	DECAL, WARNING, IMPROPER OPERATION	1
25	1272242GT	DECAL,MACHINE REGISTRATION/OWNER TRANSFER	1
26	1294398GT	DECAL, ANSI/CSA COMPLIANT	1

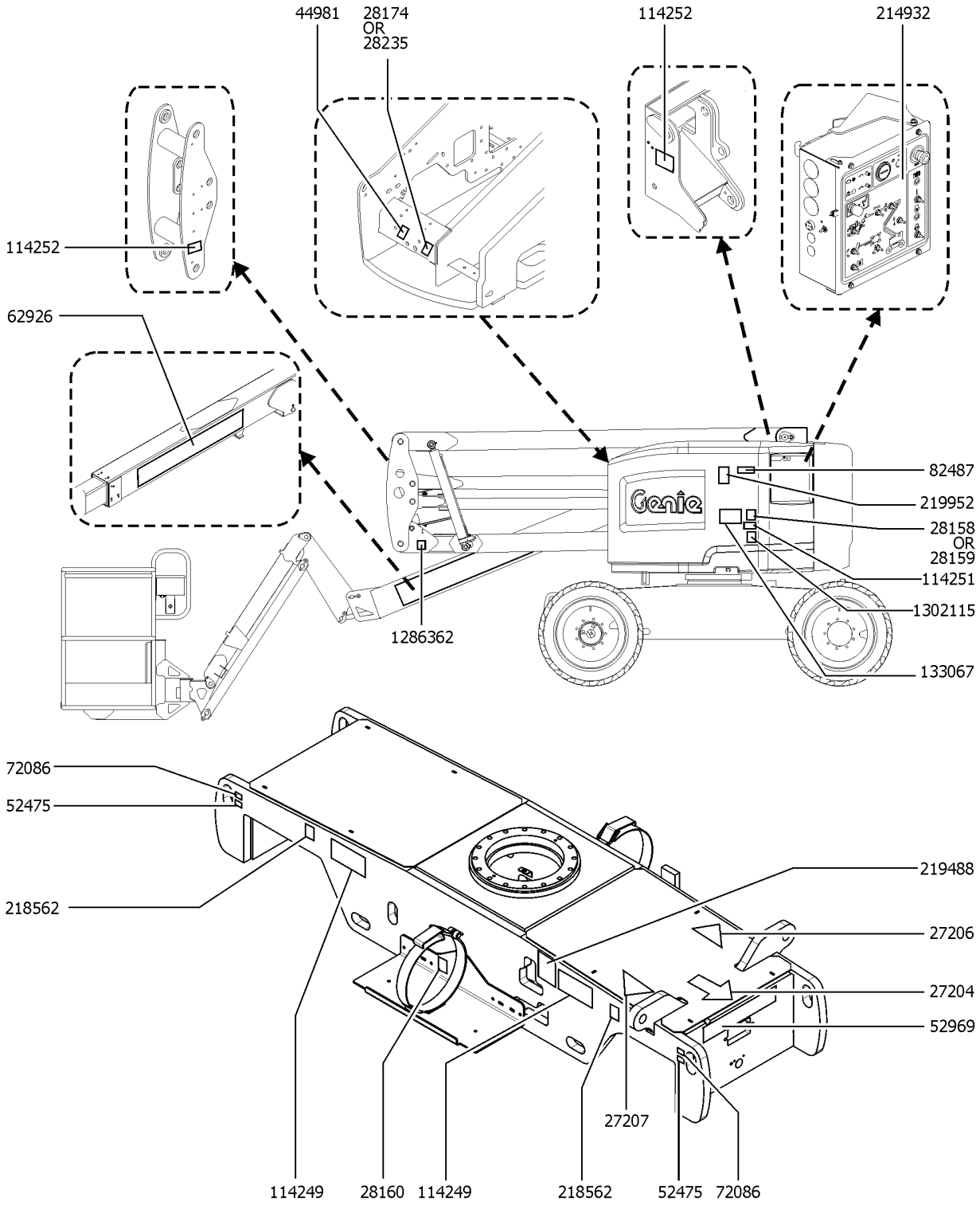
111.1 Decals with Words, Platform, New ANSI &CE (From Sep 1st, 2020)



111.1 Decals with Words, Platform, New ANSI &CE (From Sep 1st, 2020)

Item	*Part No.*	*Description*	*Qty.*
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	44981GT	DECAL LABEL AIRLINE 110PSI (option)	1
6	82243GT	DECAL FAULT CODE	1
7	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
8	114390GT	DECAL,DANGER,ELECT HAZARD***	1
9	114397GT	DECAL,DANGER,TILT ALARM	1
10	214933GT	DECAL,PLATFORM CONTROL PANEL (models with round hourmeter)	1
11	218550GT	DECAL,DANGER,CAP,AUS WORD	1
12	218555GT	DECAL,WARNING,RUNAWAY MACHINE	1
13	218559GT	DECAL,DANGER/WARNING COMBO	1
14	219160GT	DECAL, INSTRUCTION, OPS	1
15	219487GT	DECAL,PLATFORM OVERLOAD	1
16	823766GT	LABEL, PBOX, Z45IC 404F USA models only (models with LCD screen)	1
17	1281174GT	DECAL,LANYARD,FALL ARREST/FALL RESTRAINED	8
18	T112773GT	TAPE, PROTECTIVE MASK	2

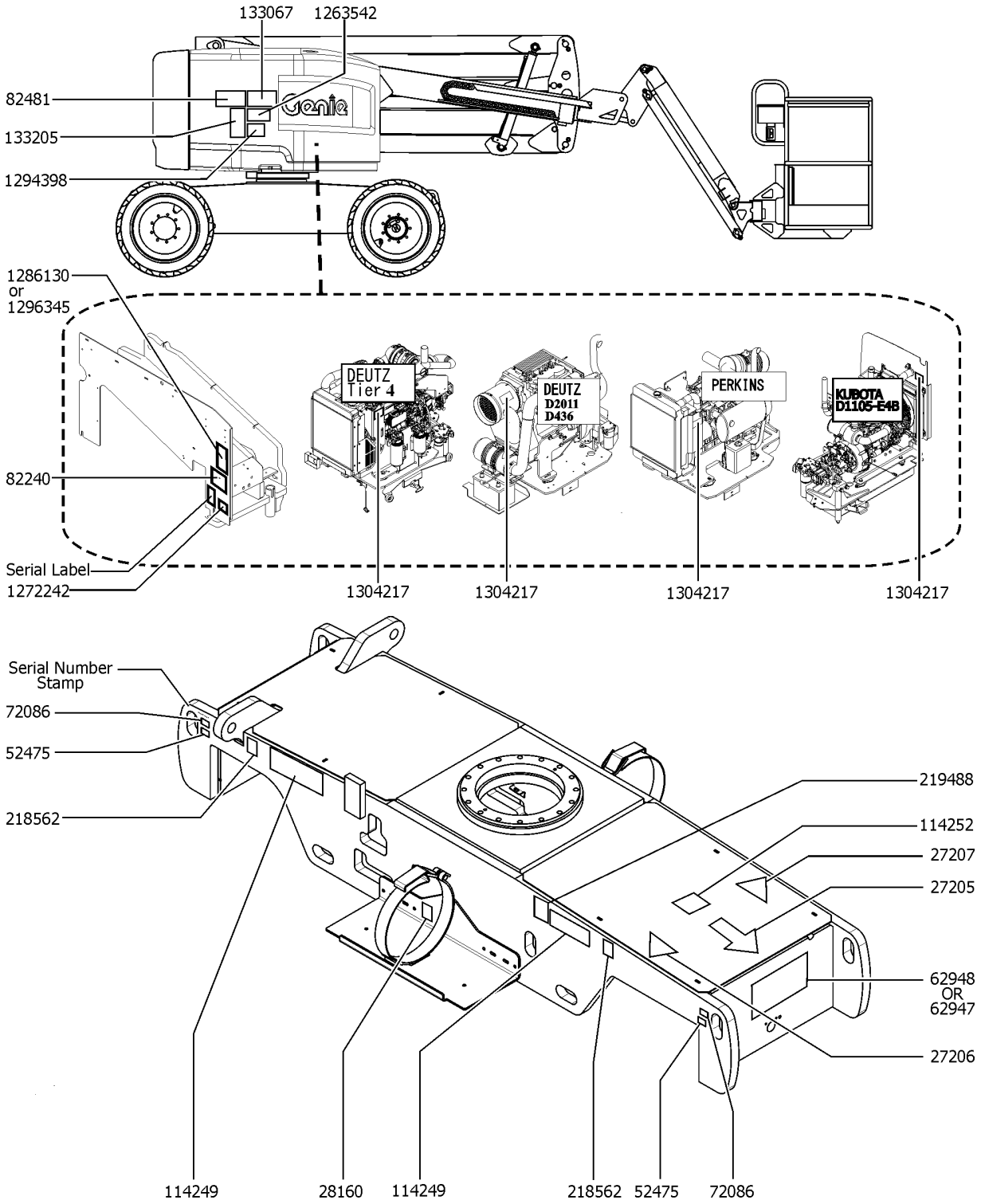
112.1 Decals with Symbols, Hydraulic Tank Side, New ANSI & CE (From Sep 1st, 2020)



112.1 Decals with Symbols, Hydraulic Tank Side, New ANSI & CE (From Sep 1st, 2020)

Item	Part No.	Description	Qty.
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,LABEL,DIESEL FUEL (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 110PSI (option)	1
10	52475GT	DECAL LABEL TRANSPORT TIE DOWN*	2
11	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
12	62926GT	DECAL,COSMETIC,GENIE Z-45/25J	1
13	72086GT	DECAL,LABEL,LIFTING EYE	2
14	82487GT	DECAL, SYMBOL - READ THE MANUAL	1
15	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	2
16	114251GT	DECAL,LABEL,NO SMOKING,SYMB	1
17	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	2
18	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
19	214932GT	DECAL,GROUND CONTROL PANEL	1
20	218562GT	DECAL,WHEEL LOAD,Z45/25J RT	2
21	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM	1
22	219952GT	DECAL,EMERGENCY LOWERING	1
23	1286362GT	DECAL, BOOM SUPPORT, SYMBOL	1
24	1302115GT	QRCode Genie AWP (Chinese Market)	1

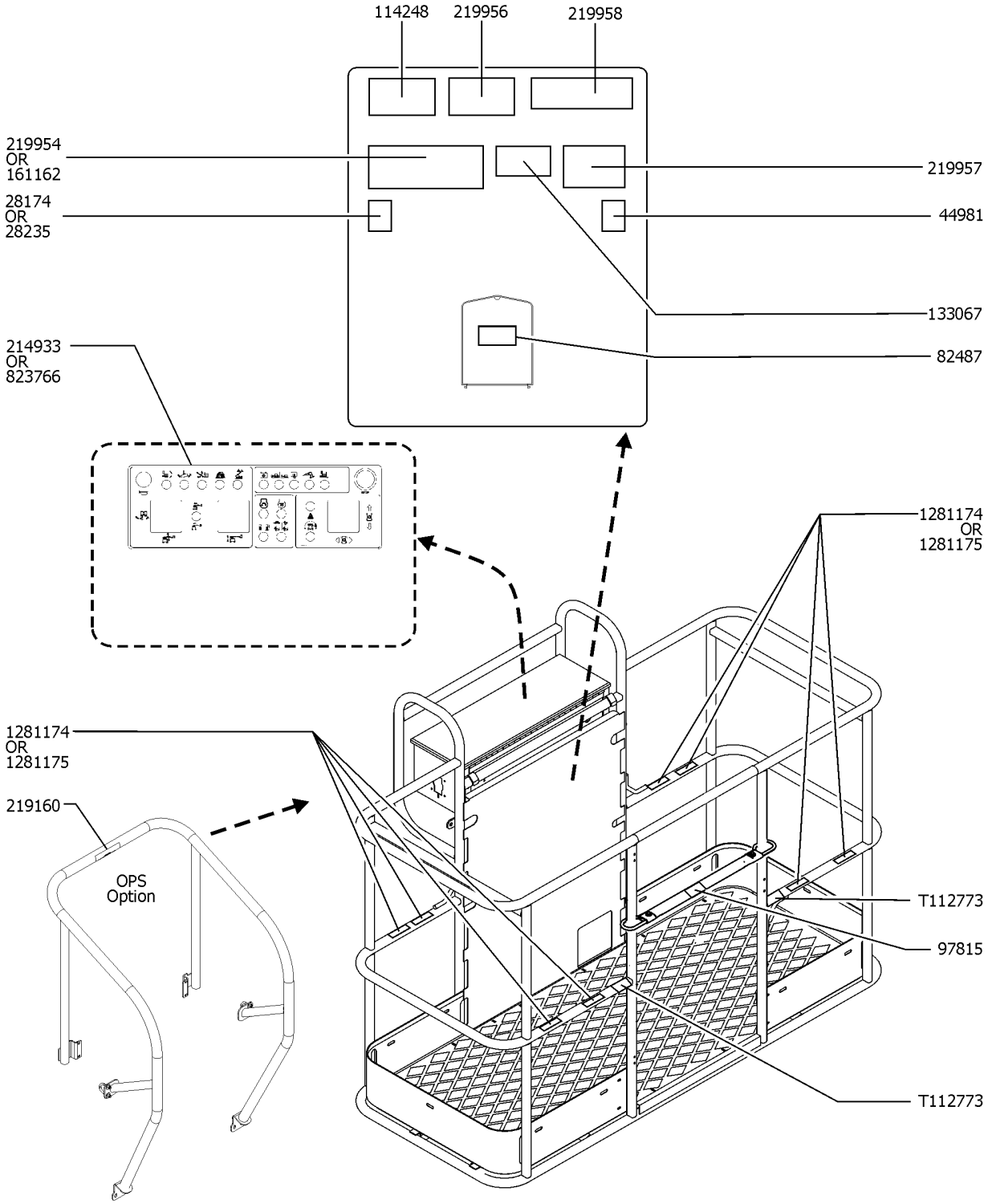
113.1 Decals with Symbol, Platform, ANSI & CSA ((From Sep 1st, 2020)



113.1 Decals with Symbol, Platform, ANSI & CSA（(From Sep 1st, 2020)

Item	Part No.	Description	Qty.
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 TIE DOWN*	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	82481GT	DECAL,SYMBOL-BATTERY SAFETY	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	133205GT	DECAL,LABEL, ELECTRO HAZARD	1
15	218562GT	DECAL,WHEEL LOAD,Z45/25J RT	2
16	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM	1
17	1263542GT	DECAL,IMPROPER OPERATION,SYMBOL	1
18	1272242GT	DECAL,MACHINE REGISTRATION/OWNER TRANSFER	1
19	1286130GT	DECAL, Z45IC EMISSION INFO, CHINA Ⅲ.D436 Only China models	1
20	1294398GT	DECAL, ANSI/CSA COMPLIANT	1
21	1296345GT	DECAL, Z45IC EMISSION INFO, CHINA III,D2.9	1
22	1304217GT	DECAL, EXPLOSION HAZARD	3

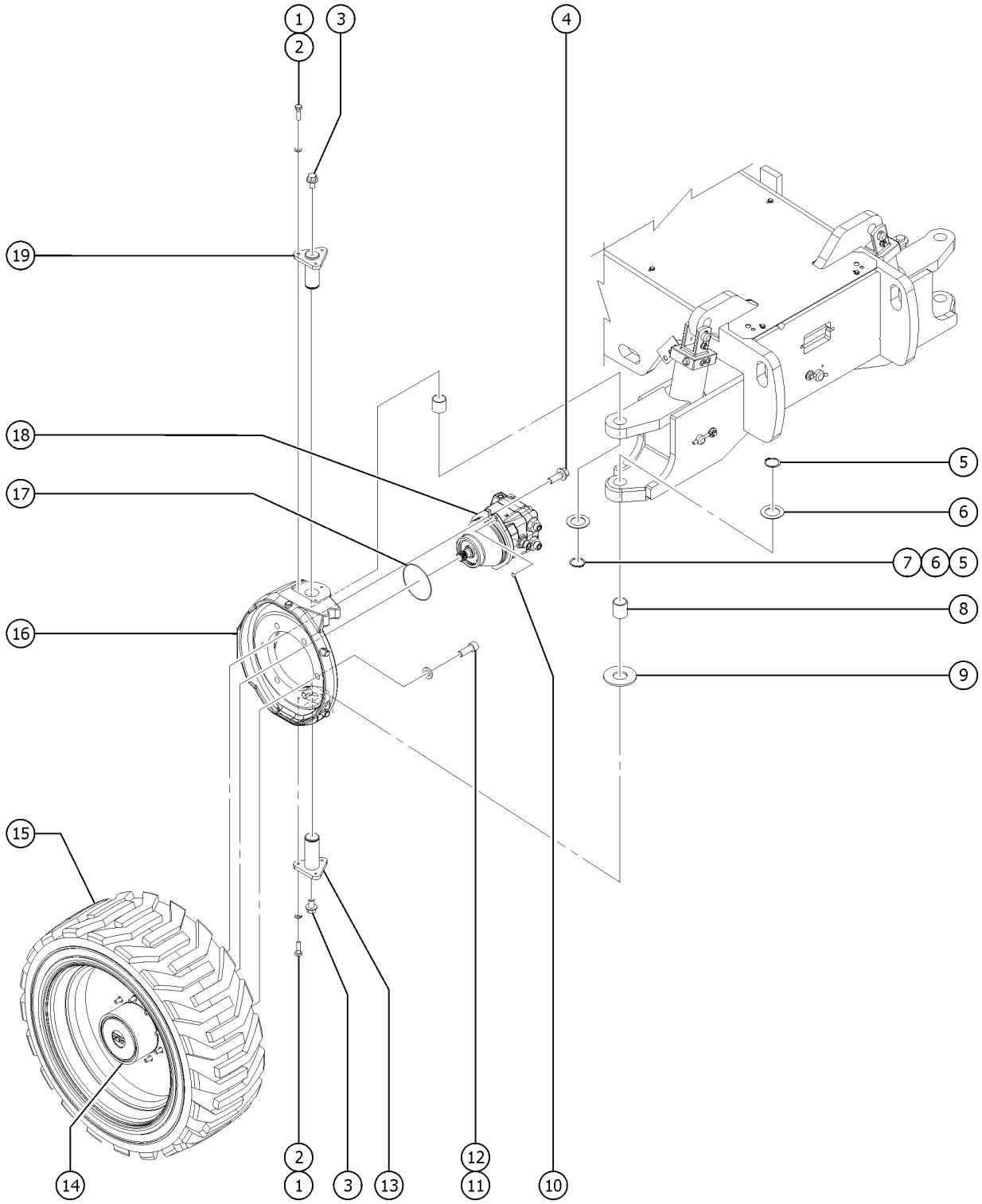
114.1 Decals with Symbol, Platform, New ANSI & CE (From Sep 1st, 2020)



114.1 Decals with Symbol, Platform, New ANSI & CE (From Sep 1st, 2020)

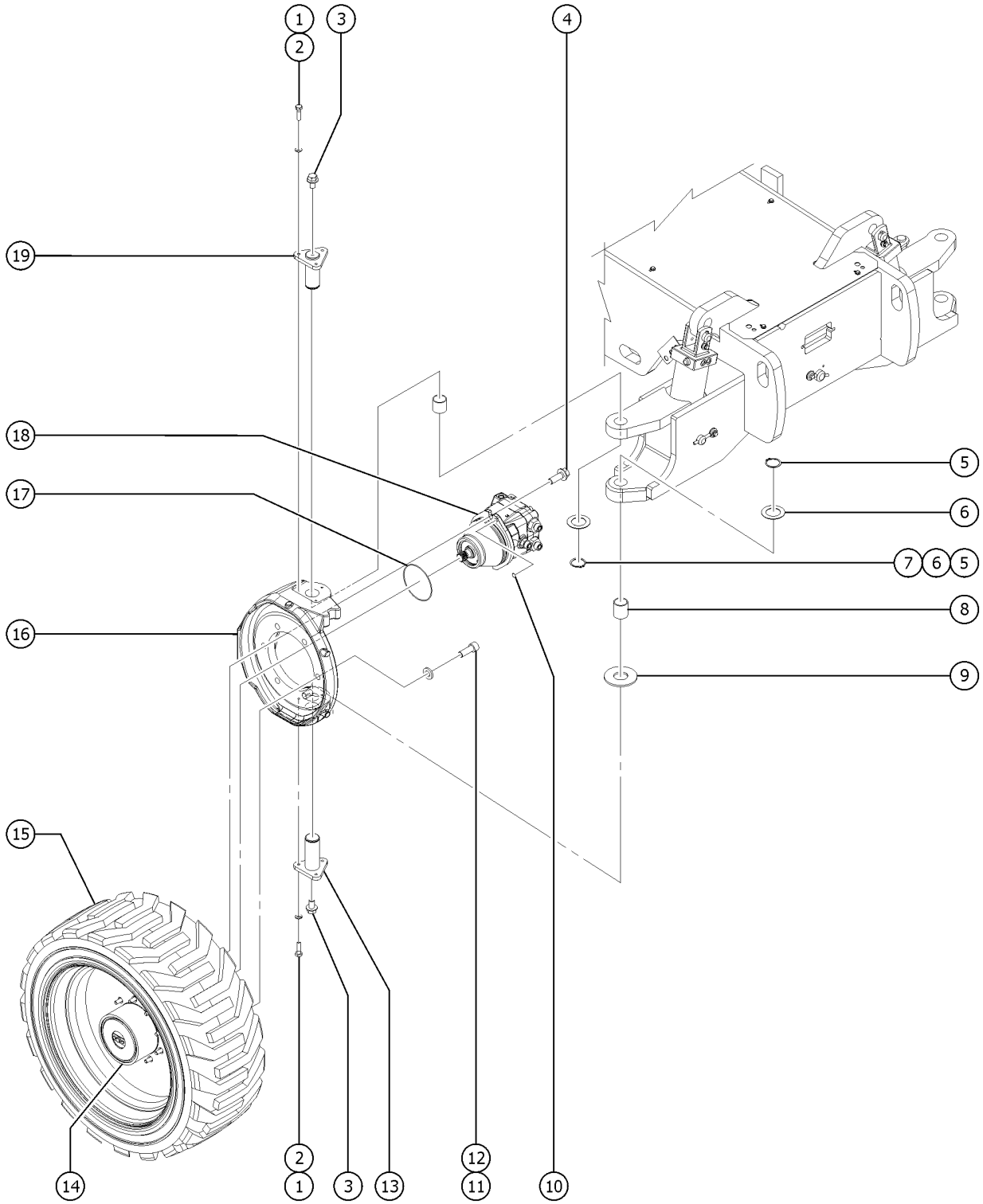
Item	Part No.	Description	Qty.
1	28174GT	DECAL, POWER TO PLATFORM 230V**	1
2	28235GT	DECAL, POWER TO PLATFORM 115V**	1
3	44981GT	DECAL LABEL AIRLINE 110PSI (option)	1
4	82487GT	DECAL, SYMBOL - READ THE MANUAL	1
5	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
6	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY	1
7	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
8	161162GT	DECAL,TIP-OVER HAZARD,CE	1
9	214933GT	DECAL,PLATFORM CONTROL PANEL models with round hourmeter	1
10	219160GT	DECAL, INSTRUCTION, OPS option	1
11	219954GT	DECAL,TIP-OVER HAZARD,CE	1
12	219956GT	DECAL,PLATFORM OVERLOAD	1
13	219957GT	DECAL,RUNAWAY HAZARD	1
14	219958GT	DECAL,TIP-OVER,CRUSH	1
15	823766GT	LABEL, PBOX, Z45IC 404F	1
16	1281174GT	DECAL,LANYARD,FALL ARREST/FALL RESTRAINED	8
17	1281175GT	DECAL,LANYARD,FALL RESTRAINED (CE only, to Z4525D-10182)	8
18	T112773GT	TAPE, PROTECTIVE MASK	2

201.1 Steer-end Wheels and Hubs, 4WD Models



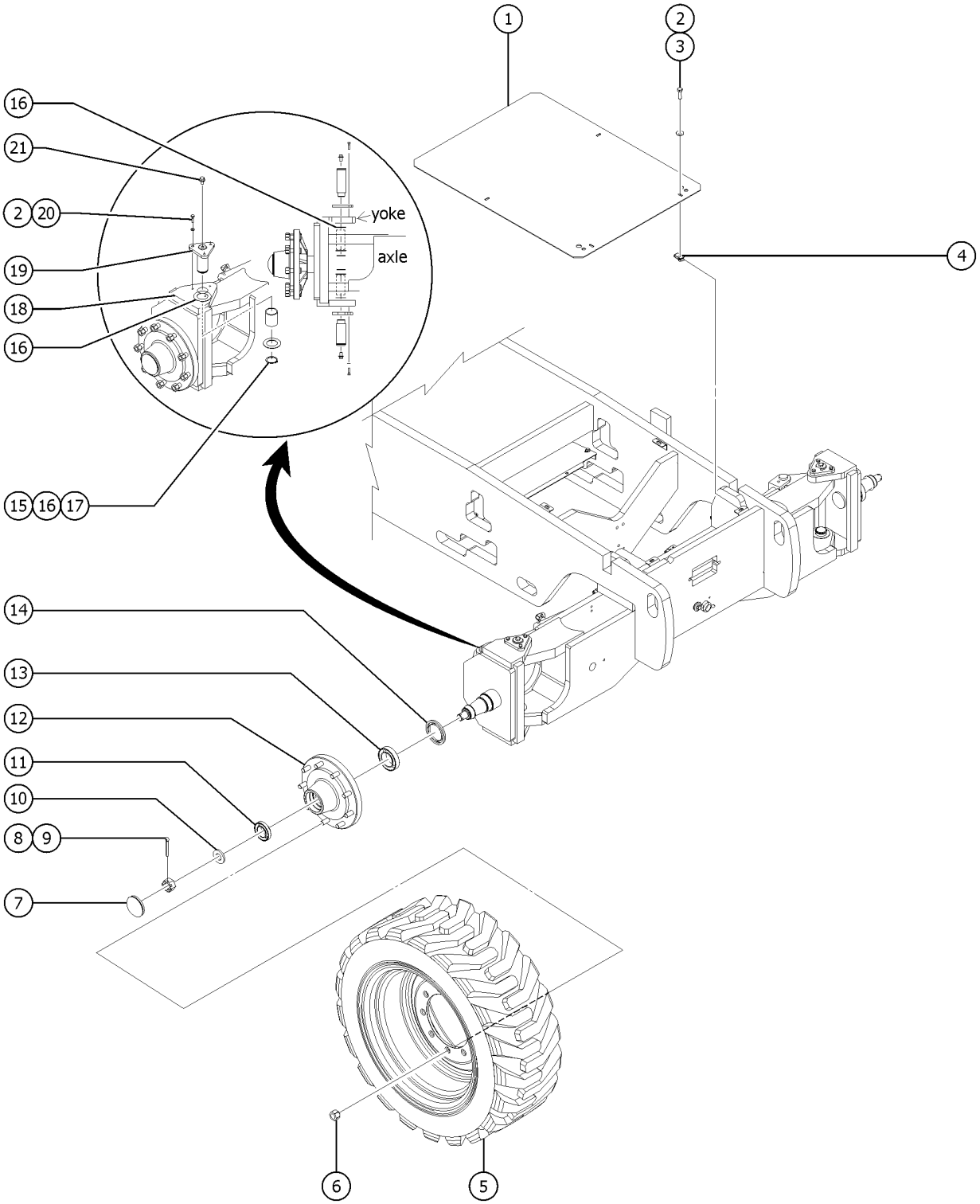
Item	Part No.	Description	Qty.
1	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	12
2	824109GT	WASHER, LOCK, 1/4, ZAG	12
3	1256857GT	SCREW,HHF,3/8-16X.625,8,ZAG	4
4	1268267GT	SCREW,HHF,7/16-14X1.25,8,ZAG	4
5	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	4
6	1251565GT	WASHER,SHIM,1.56X2.5X.061,ZAG	4
7	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	2
8	146264GT	BEARING, 1.5IDX1.75ODX2.00L	2
9	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
10	106117GT	O-RING,2-010,VITON	1
11	824104GT	SCREW,SHC,5/8-11X1.75,A574,ZAG	12
12	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	12
13	237569GT	WELDMENT, PIN, 1.5INX3.6IN LG	2
14	231613GT	WH DRV, W/BRAKE 57:1 please verify the hub brand on your machine and order the appropriate hub	2
14-	139966GT	ROD,DISCONNECT,OMNI*** for 139330	
14-	139967GT	CAP,DISENGAGE,OMNI*** for 139330	
14-	139968GT	O-RING,END COVER,OMNI*** for 139330	
14-	139969GT	LINING KIT,BRAKE,OMNI*** for 139330	
14-	139970GT	SEAL KIT,BRAKE,OMNI*** for 139330	
14-	139971GT	BEARING KIT,OMNI*** for 139330	
14-	139972GT	SEAL KIT,GEARBOX,OMNI*** for 139330	
14-	147033GT	O-RING,PIPE PLUG KIT,OMNI*** for 139330	
14-	147034GT	PIPE PLUG KIT,OMNI*** for 139330	
14-	230849GT	WHEEL STUD,5/8-18X67MM for 139330	
15	110725GT	TIRE/WHEEL ASSY,HF W/SEALANT Turf with sealant	4
15B	73923GT	TIRE & WHEEL ASSY.,FLOTATION High Float	1
15B-	73924GT	WHEEL, 19.5X14.00 for 73923	
15B-	73925GT	TIRE,33/16LL500,10PLY LITEFOOT for 73923	

201.1 Steer-end Wheels and Hubs, 4WD Models



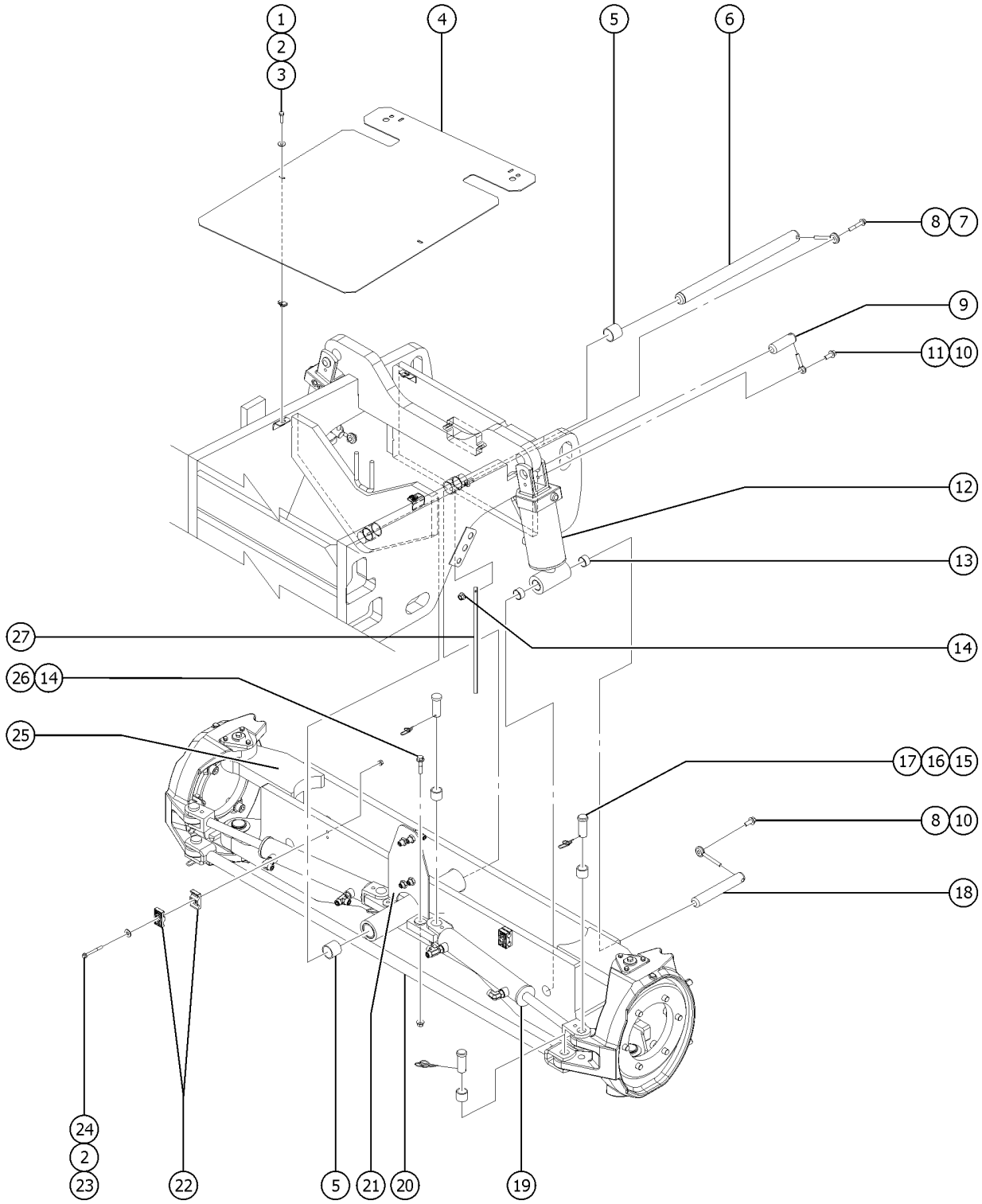
Item	Part No.	Description	Qty.
15C	237912GT	TIRE/WHEEL ASSY,RT AIR,LEFT RT, Air-filled, left	2
15C-	237913GT	TIRE/WHEEL ASSY,RT AIR,RIGHT RT, Air-filled, right	2
15C-	139915GT	TIRE,315/55D20-12 PLY for 237912 and 237913	
15C-	1254668GT	WHEEL,20 X 11,9 HOLE X 9.5 BC for 237912 and 237913	
15D	237914GT	TIRE/WHEEL ASSY,RT FOAM,LH RT, Foam-filled, left	2
15D-	237915GT	TIRE/WHEEL ASSY,RT FOAM,RH RT, Foam-filled, right	2
15E	217190GT	TIRE/WHL ASSY,RT AIR,NON-MRK L RT, Air-filled, Non-marking, left	2
15E-	217191GT	TIRE/WHL ASSY,RT AIR,NON-MRK R RT, Air-filled, Non-marking, right	2
15F	217192GT	TIRE/WHL ASSY,RT FOAM,NON-MK L RT, Foam-filled, Non-marking, left	2
15F-	217193GT	TIRE/WHL ASSY,RT FOAM,NON-MK R RT, Foam-filled, Non-marking, right	
15G	217196GT	TIRE/WHL ASSY,RT AIR W/SEALANT LH RT, Air-filled with sealant, left	2
15G-	217197GT	TIRE/WHL ASSY,RT AIR W/SEALANT RH RT, Air-filled with sealant, right	2
15H	217194GT	TIRE/WHL ASSY,RT AIR NON-MRK W/SEAL LH RT, Air-filled with sealant, Non-marking, left	2
15H-	217195GT	TIRE/WHL ASSY,RT AIR NON-MRK W/SEAL RH RT, Air-filled with sealant, Non-marking, right	2
15J	217198GT	TIRE/WHL ASSY,RT REPNEU FOAM LH RT, REPNEU Foam-filled, left	2
15J-	217199GT	TIRE/WHL ASSY,RT REPNEU FOAM RH RT, REPNEU Foam-filled, right	2
15K	1260394GT	TIRE/WHL ASSY,RT,REP-FOAM,NM,L RT, REPNEU Foam-filled, Non-marking, left	2
15K-	1260395GT	TIRE/WHL ASSY,RT,REP-FOAM,NM,R RT, REPNEU Foam-filled, Non-marking, right	2
15L	1322705GT	ASSEMBLY,WHEEL/TIRE 33X12-20,LH, SOLID	2
15L-	1322706GT	ASSEMBLY,WHEEL/TIRE 33X12-20,RH, SOLID	2
16	1298768GT	YOKE, W/BEARING,RH right	1
16B	1298767GT	YOKE, W/BEARING,LH left	1
17	102158GT	O-RING,.103 X 4.737,VITON, 75D	2
18	101586GT	MOTOR, PISTON, 25CC, 6.5 DEG, 13T to Z4525D-6951	2
18-	106098GT	SEAL KIT,MOTOR,LC/KC***	
18B	1314893GT	MOTOR,PISTON,HM3V25 from Z4525D-6952	2
18B-	1314863GT	SEAL KIT, MOTOR,HM3V45	
19	237568GT	WELDMENT, PIN, 1.5INX3.2IN LG	1

202.1 Steer-end Wheels and Hubs, 2WD Models



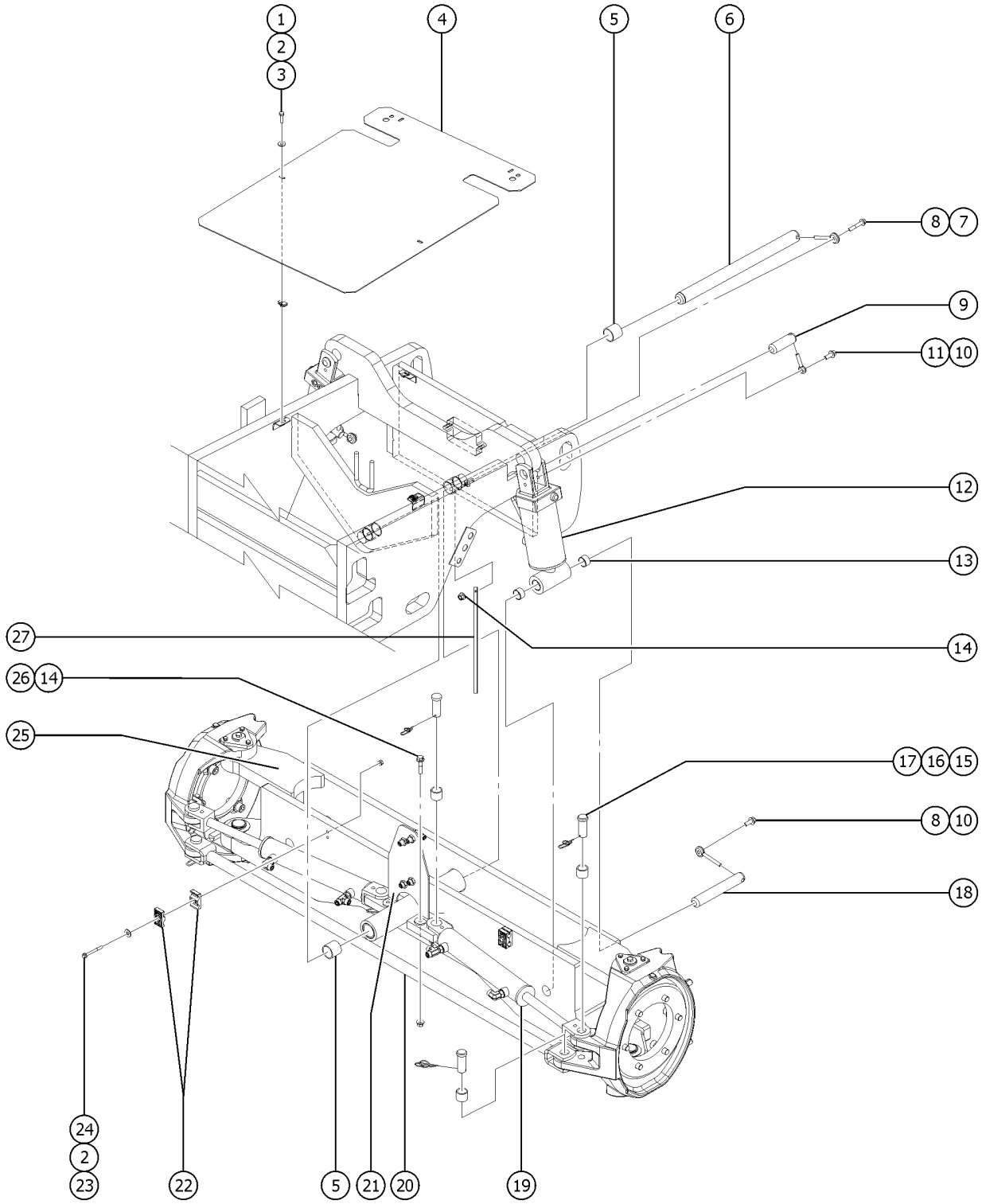
Item	Part No.	Description	Qty.
1	50770GT	COVER,DR CHASSIS FRONT,NON-OSC	1
2	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	16
3	824113GT	WASHER,FLAT,USS,1/4,ZAG	4
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
5		Ref.WHEEL & TIRE ASSY (refer to 201.1)	
6	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
7	54959GT	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
18	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	237568GT	WELDMENT, PIN, 1.5INX3.2IN LG	4
20	824109GT	WASHER, LOCK, 1/4, ZAG	12
21	1256857GT	SCREW,HHF,3/8-16X.625,8,ZAG	4

203.1 Steer Axle Linkage



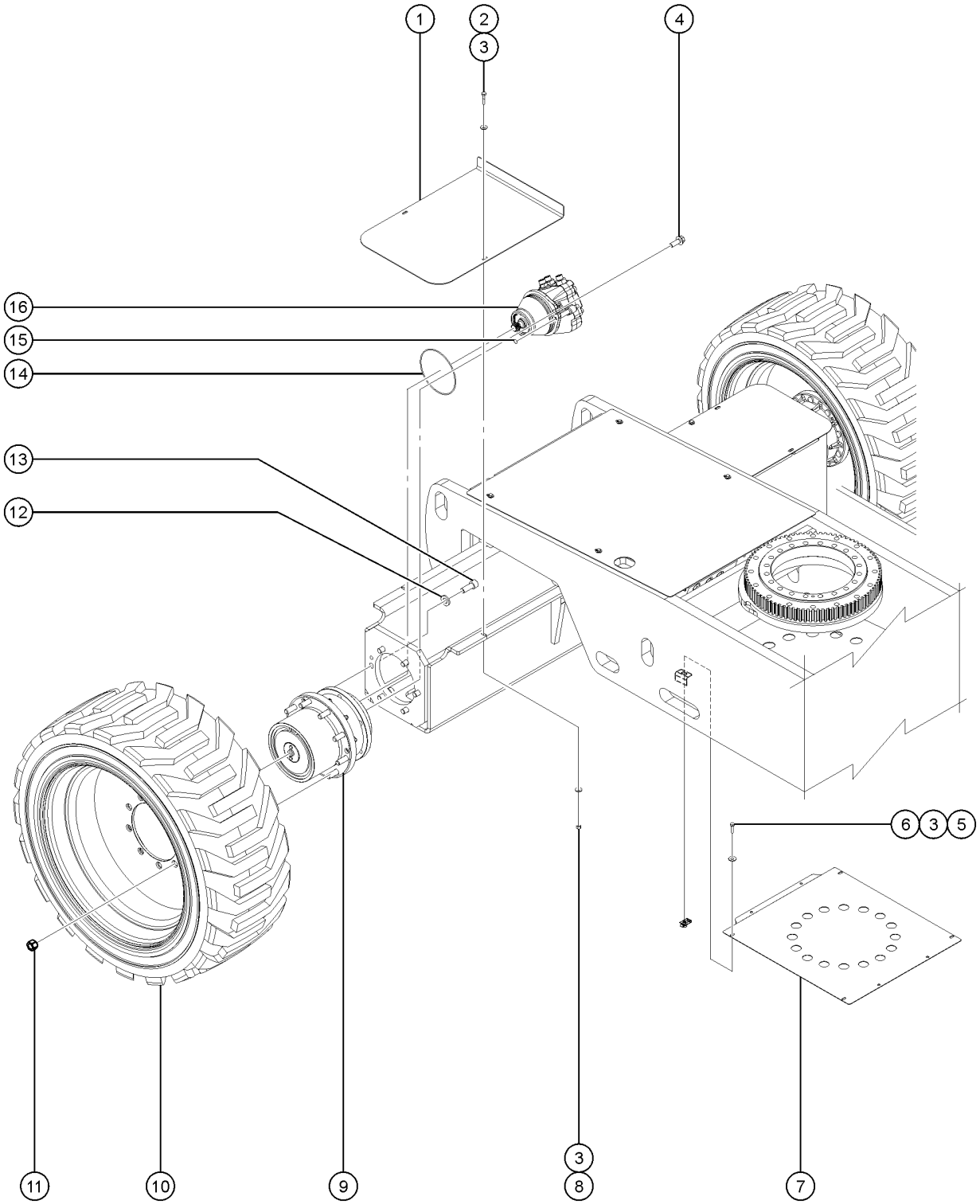
Item	Part No.	Description	Qty.
1	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	4
2	824113GT	WASHER,FLAT,USS,1/4,ZAG	4
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
4	1272699GT	COVER,DRIVE CHASSIS,FRONT	1
5	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	2
6	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	1
7	1256693GT	SCREW,HHF,3/8-16X2.25,8,ZAG	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, SAE 1.0 X 2.41, 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 (form Z4525D-4376)	2
19-	1298531GT	SEAL KIT, STEER CYL for 1305757	
20	237703GT	TIE ROD WELDMENT, Z45/51	1
21	215333GT	FORMING, FRONT AXLE BRK	1
22	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	4
23	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	2
24	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	2
25	232081GT	WELDMENT, FRONT AXLE, Z45	1

203.1 Steer Axle Linkage



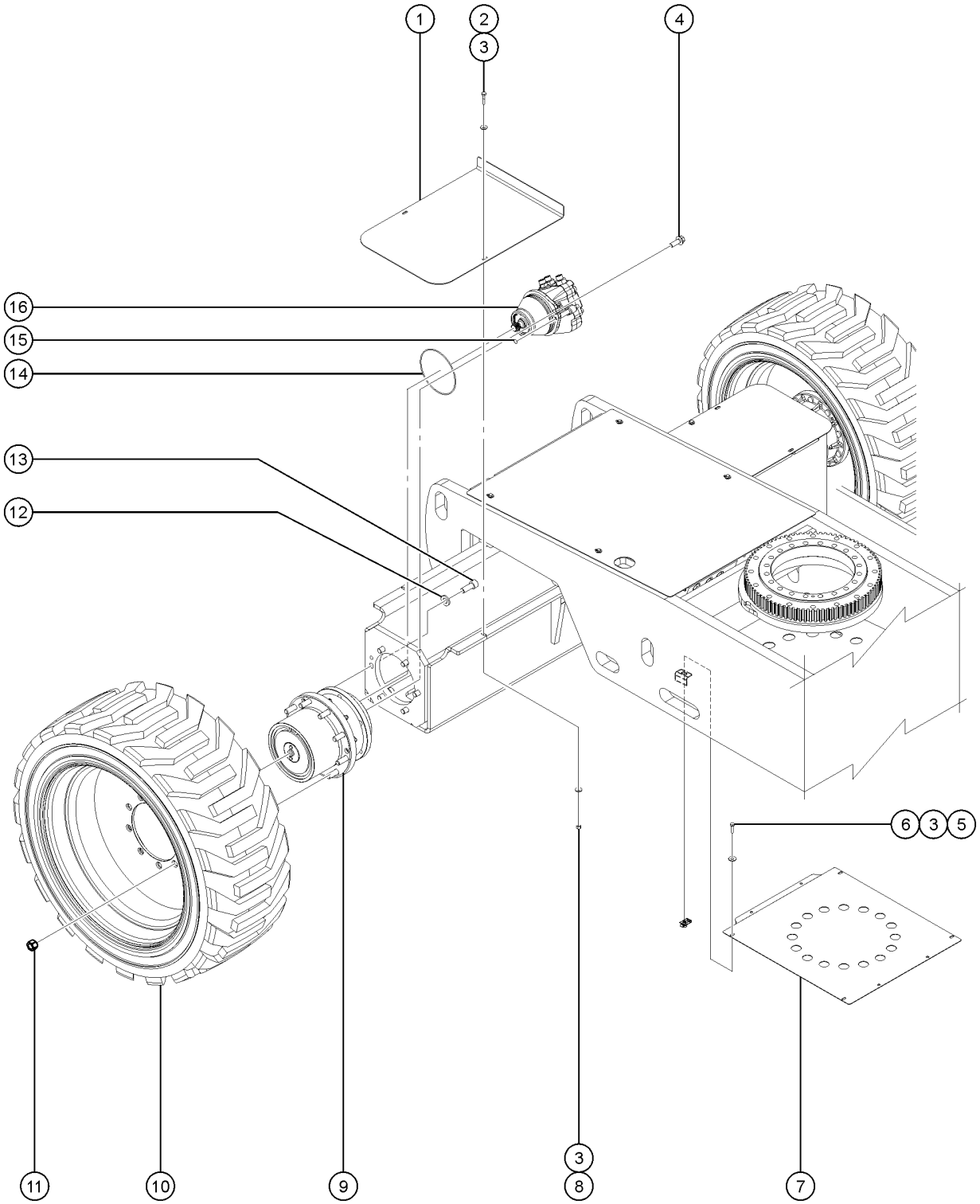
Item	*Part No.*	*Description*	*Qty.*
26	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG	2
27	107578GT	GROUND STRAP,24"LONG models with non-marking tires	1

204.1 Non-steer End Wheels and Hubs



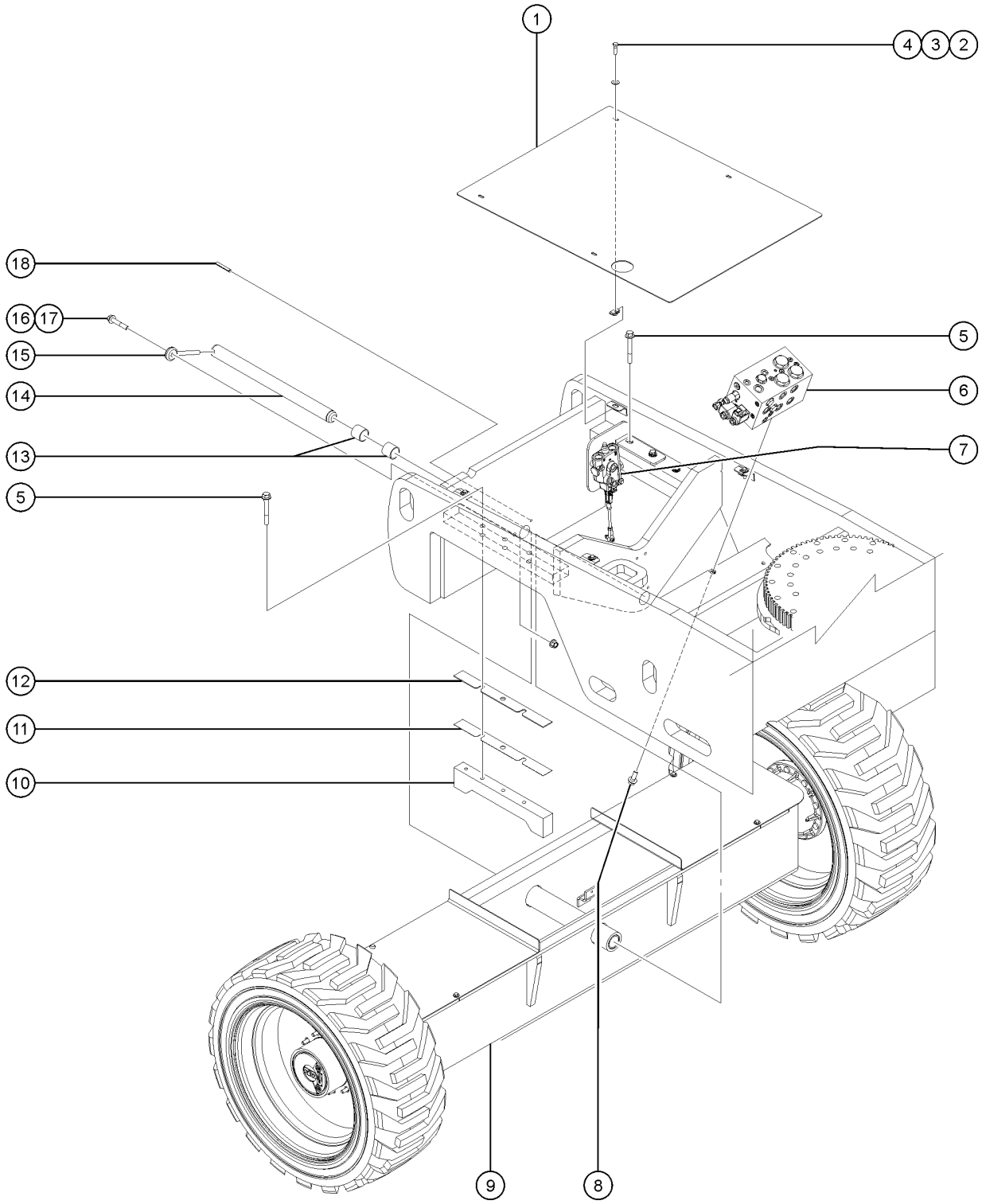
Item	Part No.	Description	Qty.
1	216057GT	COVER, REAR AXLE, METRIC Z45	2
2	824061GT	SCREW, HHC, 1/4-20 X 1.25, 8, ZAG	4
3	824113GT	WASHER,FLAT,USS,1/4,ZAG	12
4	1268267GT	SCREW,HHF,7/16-14X1.25,8,ZAG	4
5	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	4
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG replaced 73871	1
7	120269GT	FORMING,BELLY PAN	1
8	824024GT	NUT, TL, 1/4-20, C, ZAG	4
9	231613GT	WH DRV, W/BRAKE 57:1 please verify the hub brand on your machine and order the appropriate hub	2
9-	139966GT	ROD,DISCONNECT,OMNI*** for 139330	
9-	139967GT	CAP,DISENGAGE,OMNI*** for 139330	
9-	139968GT	O-RING,END COVER,OMNI*** for 139330	
9-	139969GT	LINING KIT,BRAKE,OMNI*** for 139330	
9-	139970GT	SEAL KIT,BRAKE,OMNI*** for 139330	
9-	139971GT	BEARING KIT,OMNI*** for 139330	
9-	139972GT	SEAL KIT,GEARBOX,OMNI*** for 139330	
9-	147033GT	O-RING,PIPE PLUG KIT,OMNI*** for 139330	
9-	147034GT	PIPE PLUG KIT,OMNI*** for 139330	
9-	230849GT	WHEEL STUD,5/8-18X67MM for 139330	
10		Ref. WHEEL & TIRE ASSY,RR/LF,AIR (refer to 201.1 or 202.1)	
11	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
12	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	12
13	1268368GT	SCREW,SHC,5/8-11X1.62,A574,ZAG	12
14	102158GT	O-RING,.103 X 4.737,VITON, 75D	2
15	106117GT	O-RING,2-010,VITON	2
16	101586GT	MOTOR, PISTON, 25CC, 6.5 DEG, 13T 4WD Models, to Z4525D-6951	2
16-	106098GT	SEAL KIT,MOTOR,LC/KC***	
16B	101587GT	MOTOR,PISTON,LC30,10 DEG,13T 2WD Models	2

204.1 Non-steer End Wheels and Hubs



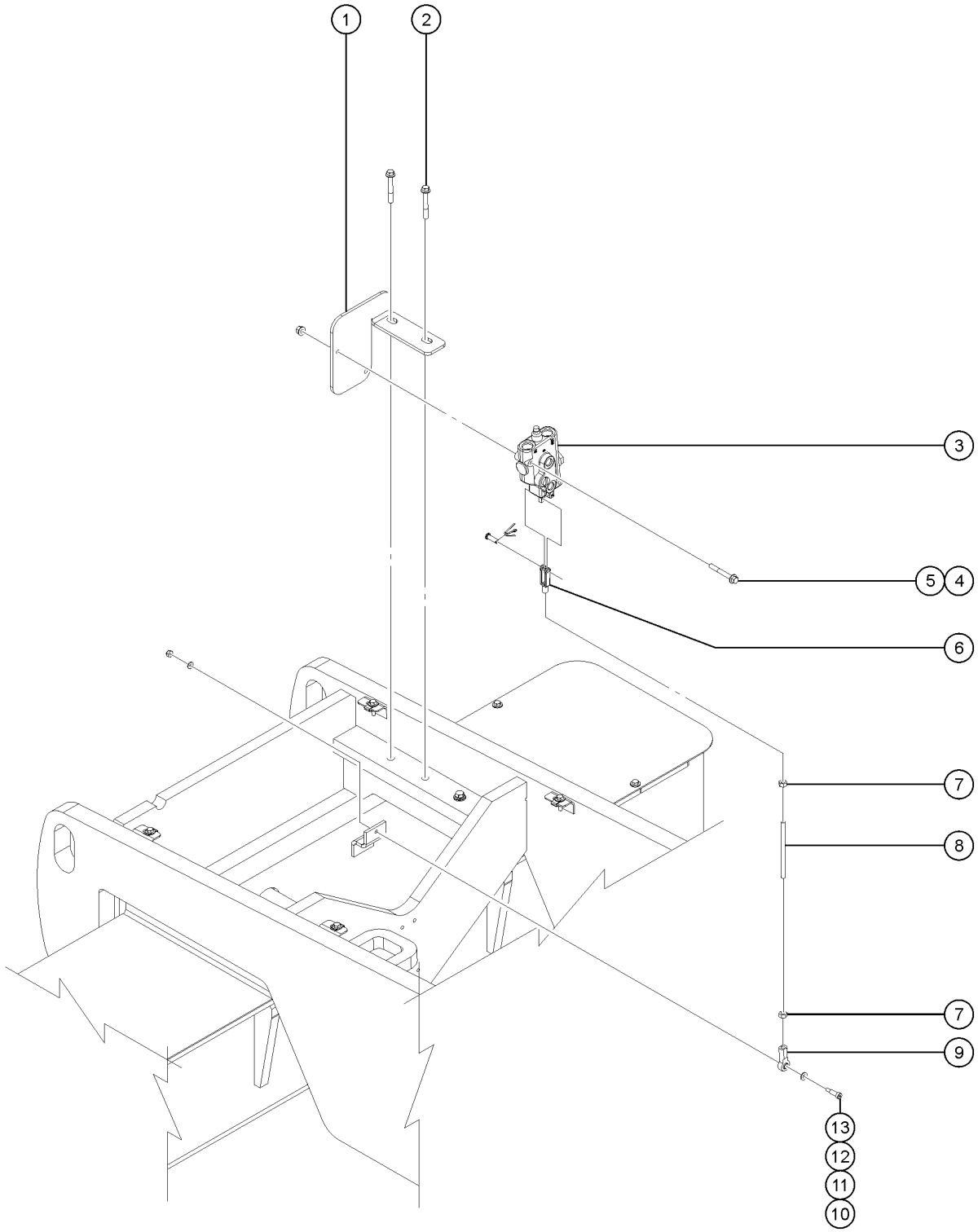
Item	*Part No.*	*Description*	*Qty.*
16B-	32680GT	SEAL KIT,SUNSTRAND	
16C	1314893GT	MOTOR,PISTON,HM3V25 4WD, from Z4525D-6952	2
16C-	1314863GT	SEAL KIT, MOTOR,HM3V45	

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
5	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)	
8	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

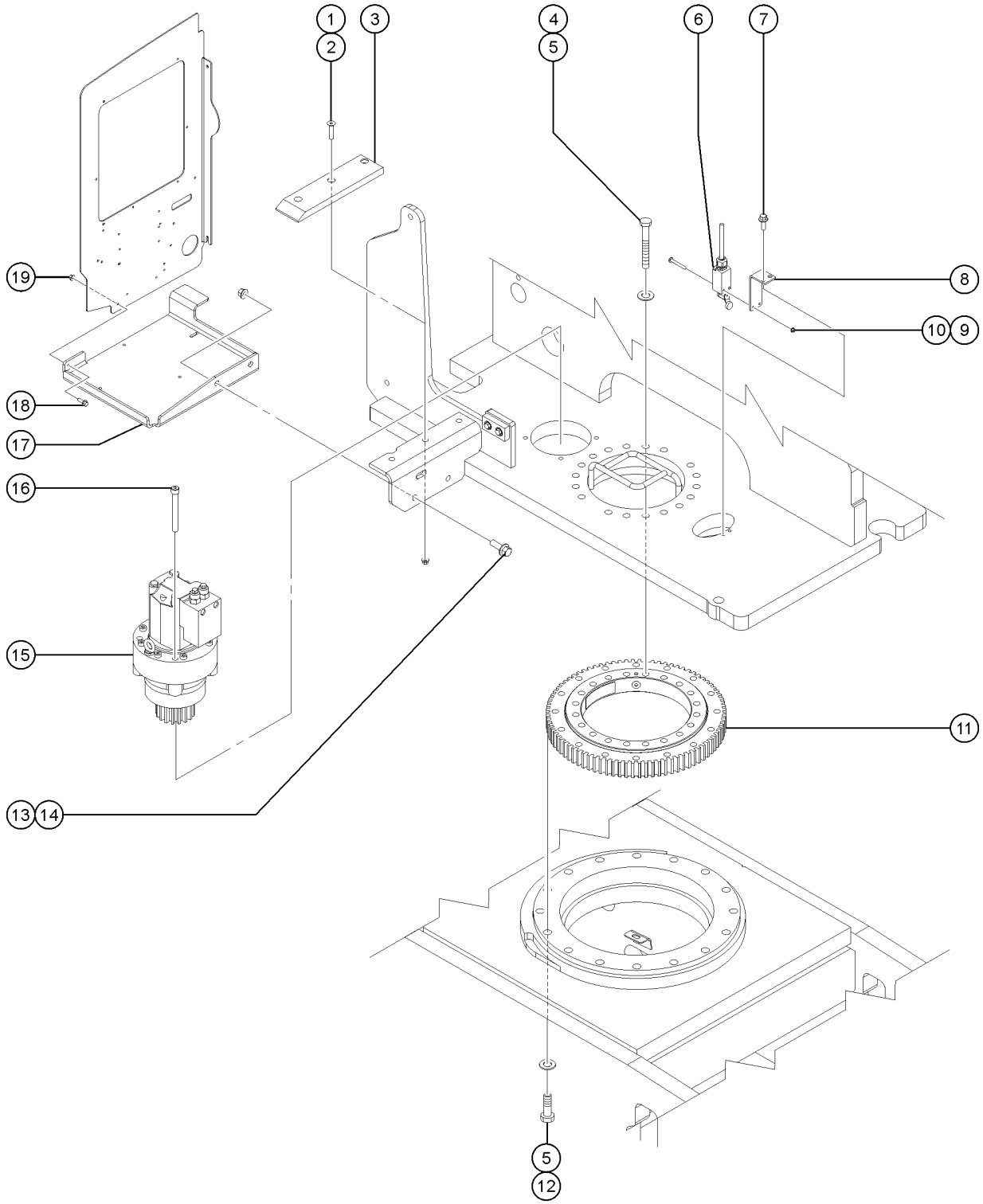
206.1 Oscillate Valve



206.1 Oscillate Valve

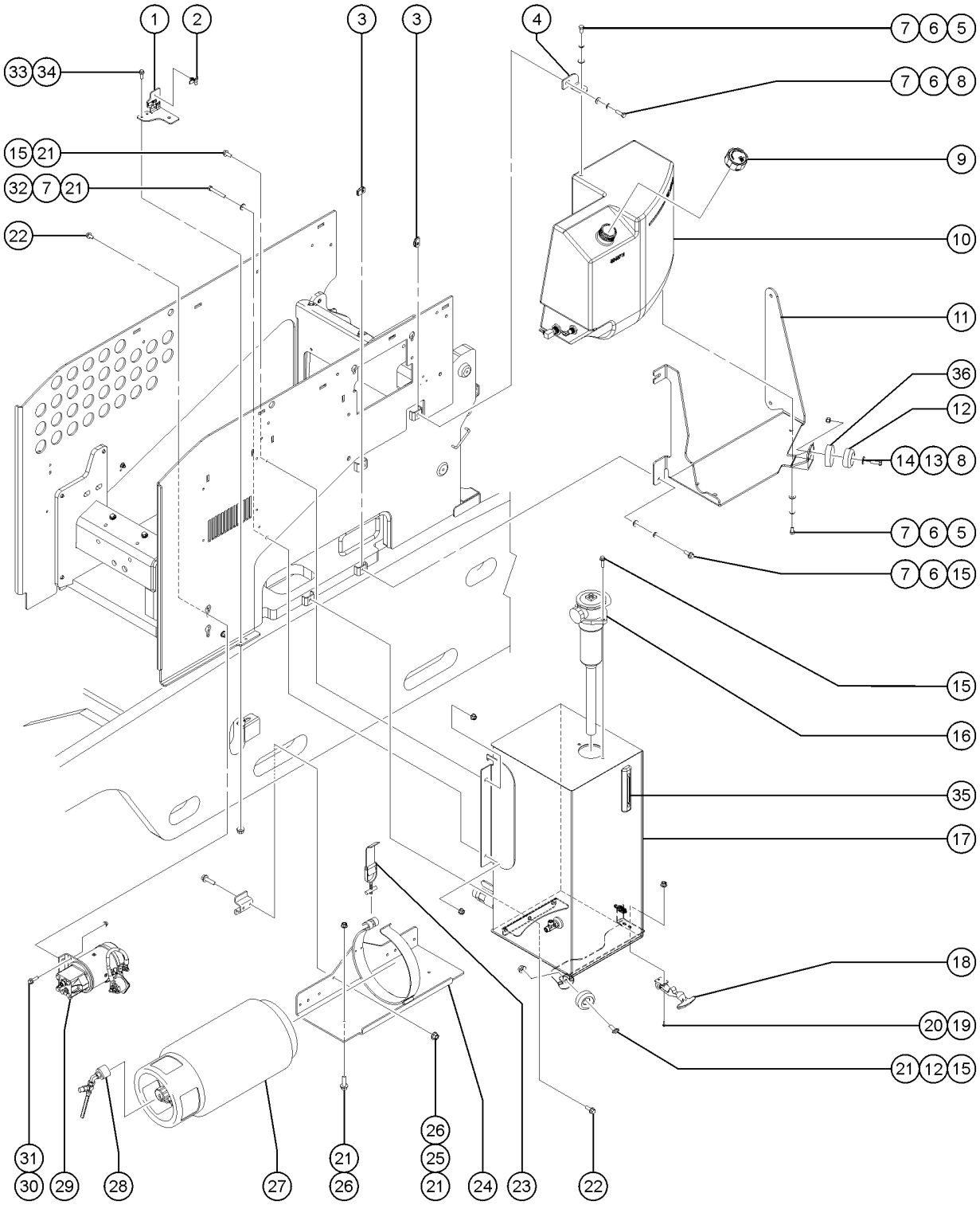
Item	*Part No.*	*Description*	*Qty.*
1	238345GT	FORMING, BRACKET, OSC VALVE	1
2	824094GT	SCREW, HHF, 3/8-16 X 2.75, 8, ZAG 4WD Models	2
2B	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG 2WD Models	2
3	49768GT	VLV,MAN,3 POS/4 WAY,CLOSE CTR*	1
3-	32681GT	SEAL KIT,CONTROL VALVE for 49768	
4	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	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



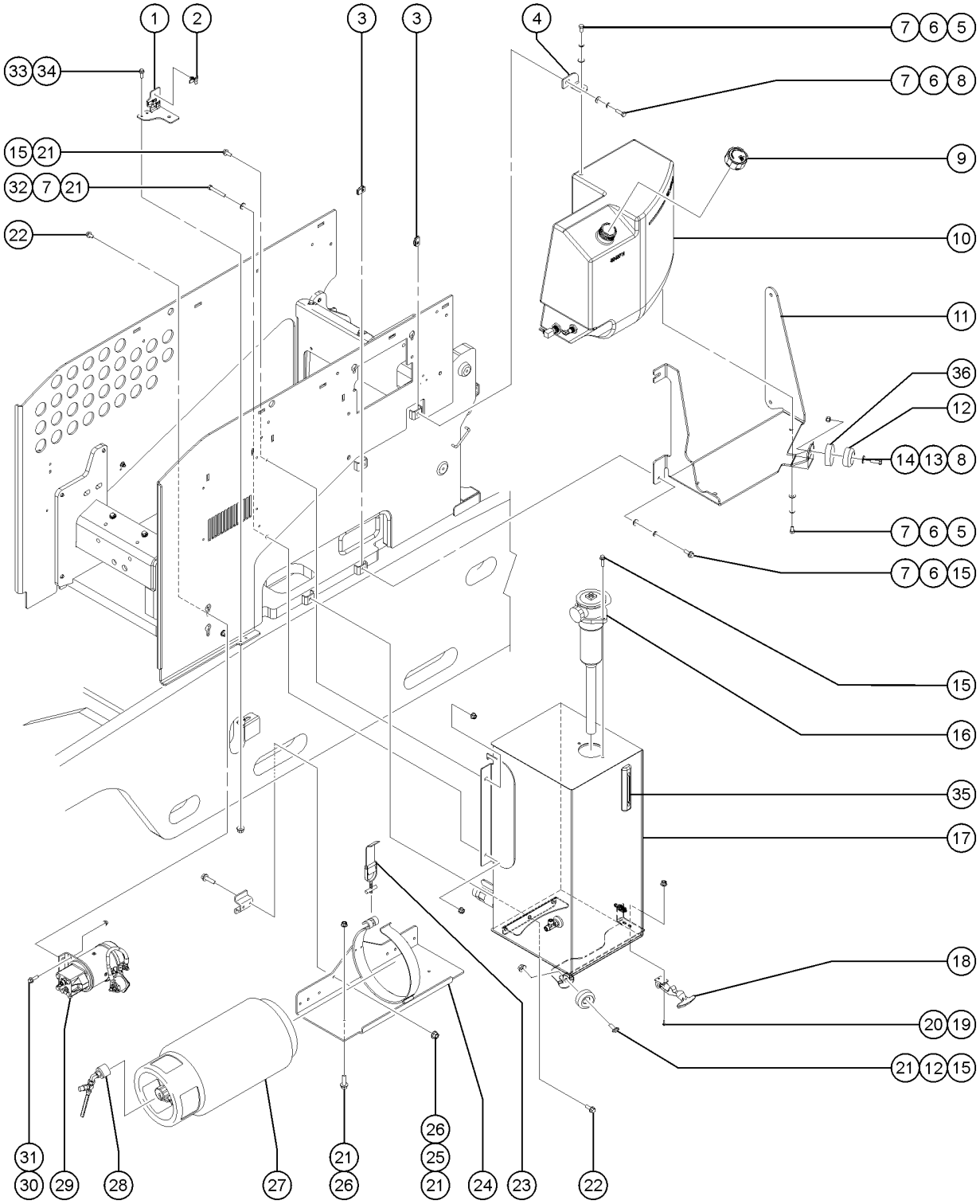
Item	Part No.	Description	Qty.
1	1259857GT	SCREW,FHS,3/8-16X1.75,F835,ZAG	3
2	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	3
3	50519GT	LOAD PAD,ENGINE TRAY SUPPORT (to SN Z4525D-5489)	1
3B	1312746GT	LOAD PAD,ENGINE TRAY SUPPORT (from SN Z4525D-5490)	1
4	1256170GT	SCREW,HHC,5/8-11X4,8,ZAG	18
5	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	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



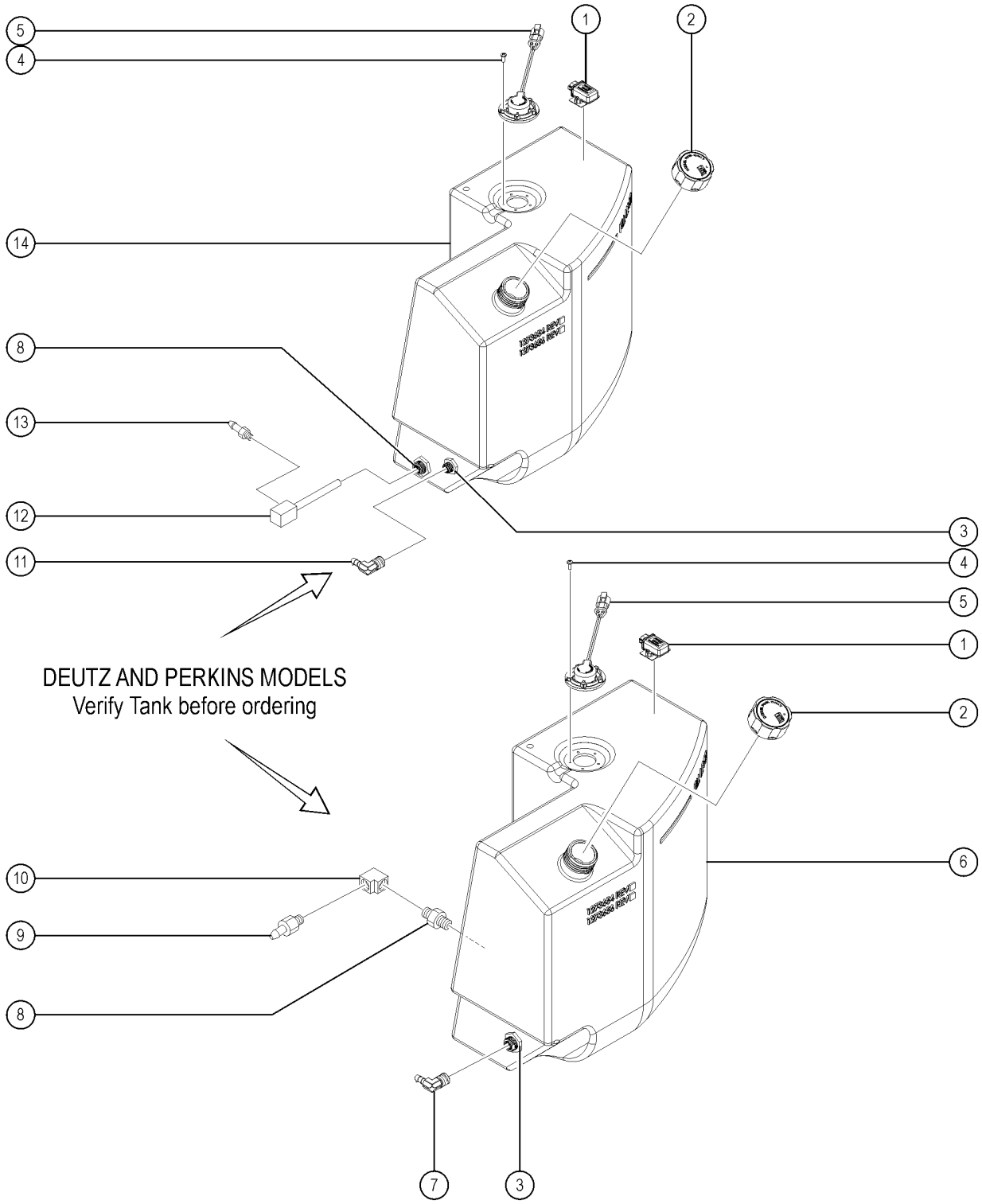
Item	Part No.	Description	Qty.
1	219350GT	FORMING, AUX. CABLE , HOSE BRK	1
2	105214GT	CABLE TIE MOUNT, WINGED	4
3	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	5
4	238388GT	FORMING, UPPER FUEL TANK BRK	1
5	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	
6	824110GT	WASHER, LOCK, 3/8, ZAG	
7	825358GT	WASHER,FLAT,5/16,USS,ZAG	
8	6175GT	SCREW,HHC,3/8-16 X 1	
9		Ref: Fuel Cap (refer to figure 303.1)	1
10		Ref: Fuel Tank (refer to figure 303.1)	1
11	238199GT	MOUNT, FUEL TANK Deutz and Perkins models, (to SN Z4525D-4470)	1
12	50974GT	BUMPER,RUBBER,COVERS	2
13	1255758GT	WASHER,FLAT,3/8,USS,ZAG	
14	824038GT	NUT,TL JAM,3/8-16,A,ZAG	
15	824068GT	SCREW, HHC, 3/8-16 X 1.25, 8, ZAG	4
16	110345GT	FILTER ASSY,INTANK (includes 16B)	1
16A-	147223GT	SEAL,FILTER LID	
16B	77353GT	KIT,ELEMENT**	
16B-	77354GT	FILTER LID,RFM165	
16B-	77365GT	BREATHER CAP,RFM165	
16B-	94526GT	GASKET,RETURN FILTER-77353	
17	1279837GT	ASSEMBLY,HYDRAULIC TANK	1
17-	101490GT	STRAINER,16 SAE F/24 SAE M	
17-	94612GT	PLUG,MAGNETIC,SAE-6***	
18	45363GT	LATCH,FLEXIBLE	1
19	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	2
20	1264261GT	NUT,SERRATED,10-32,ZAG	2
21	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	7

302.1 Fuel and Hydraulic Tank Installation



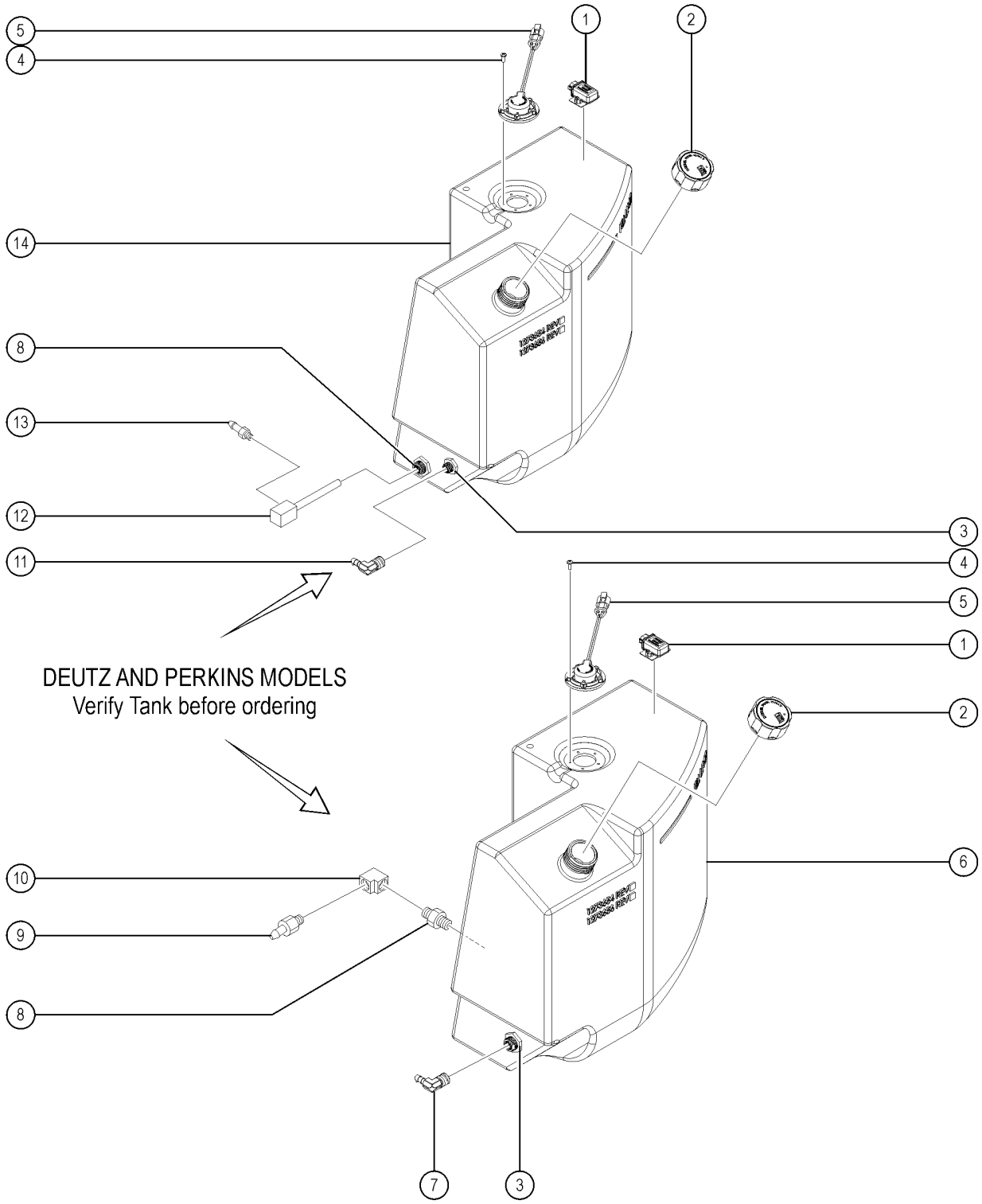
Item	Part No.	Description	Qty.
22	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG to SN Z4525D-4678	2
22B	231088GT	SCREW,HHF,M10-1.5X20,DIN6921,10.9,ZAB (for 1307440 APU), from SN Z4525D-4679	2
23	49000GT	L.P.TANK LATCH	1
24	220253GT	ASSEMBLY, LP TANK MOUNT, Z45 (includes 49000 and 60143)	1
24-	60143-SGT	WELD, LPG TANK MOUNT	
25	60139GT	FORMING,LP BRACKET MOUNT	1
26	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2
27	53605GT	TANK, 7 GAL/33.5 POUND, LP	1
28	119055GT	HOSE ASSY,LP GAS	1
29	77066GT	ASSEMBLY, AUX POWER UNIT, 12VD to SN Z4525D-4678	1
29-	1264969GT	MOTOR, 12VDC, I-TERMINAL to SN Z4525D-4678	
29-	58490GT	PUMP ASSY (77066) to SN Z4525D-4678	
29-	77071GT	SOLENOID,77066 to SN Z4525D-4678	
29-	77072GT	CHECK VALVE KIT,77066 to SN Z4525D-4678	
29B	1307440GT	ASSY,AUX POWER UNIT,1.0CC,12VDC from SN Z4525D-4679	1
29B-	1307576GT	MOTOR, 12V, 1.6KW from SN Z4525D-4679	
29B-	1307577GT	PUMP ASSY, 1.0CC from SN Z4525D-4679	
29B-	1307578GT	VALVE BLOCK, 1.0CC PUMP from SN Z4525D-4679	
29B-	1307582GT	SOLENOID, 12V, 150A from SN Z4525D-4679	
30	824086GT	SCREW, HHF, 5/16-18 X 1, 8, ZAG	
31	1255805GT	NUT,SERRATED,5/16-18,8,ZAG	
32	1256848GT	SCREW,HHC,3/8-16X2.75,8,ZAG	2
33	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
34	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	2
35	21141GT	GAUGE-SIGHT,LHA-LGTB***	1
36	1312715GT	WASHER,COVER BUMPER (Kubota D1105 engine only)	1

303.1 Diesel Fuel Tank



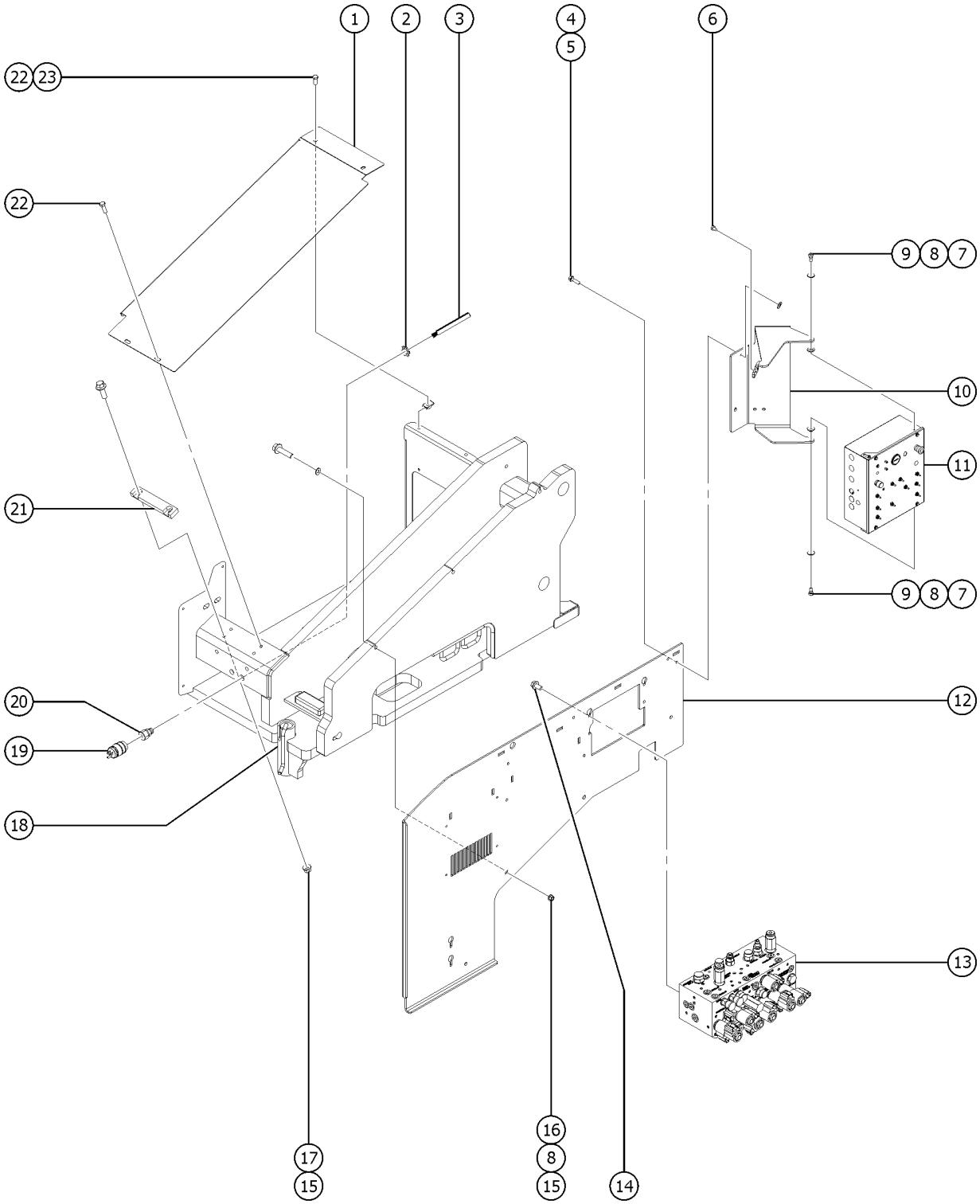
Item	Part No.	Description	Qty.
A		Verify Engine Make and Model Before Ordering Fuel Tank and Components	
B		Perkins 404D-22 and Deutz D2011L03 engines have one of two Fuel Tanks, verify tank before ordering	
1	1274037GT	CAN CONVERTER, 2.63 - 4.50 V RANGE (use with telematic option)	1
2	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) no longer available, (replaced by 1316635),(to SN Z4525D-7646)	1
2B	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK) (from SN Z4525D-7647)	1
3	54325GT	FITTING,BULKHEAD,1/4NPT,FUELTK	1
4	824215GT	SCREW, PHPM, 10-32 X .75, ZAG (use with telematic option)	5
5	1271770GT	SENSOR, FUEL LEVEL, 30" DIESEL (use with telematic option)	1
6	1273654GT	ASSEMBLY,FUEL TANK,17 GAL, PLASTIC	1
6-	1271772GT	CAP, TANK, FUEL SENSOR (models without fuel sense)	1
6-	1271773GT	GASKET, TANK, FUEL SENSOR	1
6-	1251757GT	SCREW,PHPM,10-32X.50,ZAG	4
7	824872GT	FITTING,3/8NPT TO 3/16BARB,90 Deutz D2011L03i engine and Deutz D436-L3i-CN3 engine	
7B	824874GT	FITTING,3/8NPT TO 1/4BARB,90 Perkins 404D-22 engine	
7C	27904GT	HOSE END,BARBED,RIGID,90DEG6-6 Deutz D2.9L4 engine	
8	54324GT	FITTING,BULKHEAD,3/8NPT,FUELTK	
9	54124GT	HOSE END,BARB,3/8 MNPT X 5/16 Perkins 404D-22 , Deutz D2011L03i and Deutz D436-L3i-CN3 engines	
9B	824471GT	FITTING,3/8 NPT TO 1/2 BARB Deutz D2.9L4 engine	
10	22348GT	ELBOW,130339-6-6	
11	54204GT	ELBOW,90DEG.1/4MPT-1/4 BARB Deutz D2011L03i engine	
11B	107889GT	HOSE END,BARB,3/16 MNPT,90D Perkins 404D-22 engine	
12	54333GT	TUBE,FUEL PICKUP,3/8NPTX1/4PT	
13	54437GT	HOSE END,BARB,1/4 MNPTX5/16,ST	
14	1274192GT	ASSY, FUEL TANK, 17 GAL, LEGACY PLASTIC (models without fuel sensor option)	1
14B	1273654GT	ASSEMBLY,FUEL TANK,17 GAL, PLASTIC (models with fuel sensor option)	1
14B-	1271772GT	CAP, TANK, FUEL SENSOR (models without fuel sense)	1
14B-	1271773GT	GASKET, TANK, FUEL SENSOR	1
14B-	1251757GT	SCREW,PHPM,10-32X.50,ZAG	4

303.1 Diesel Fuel Tank



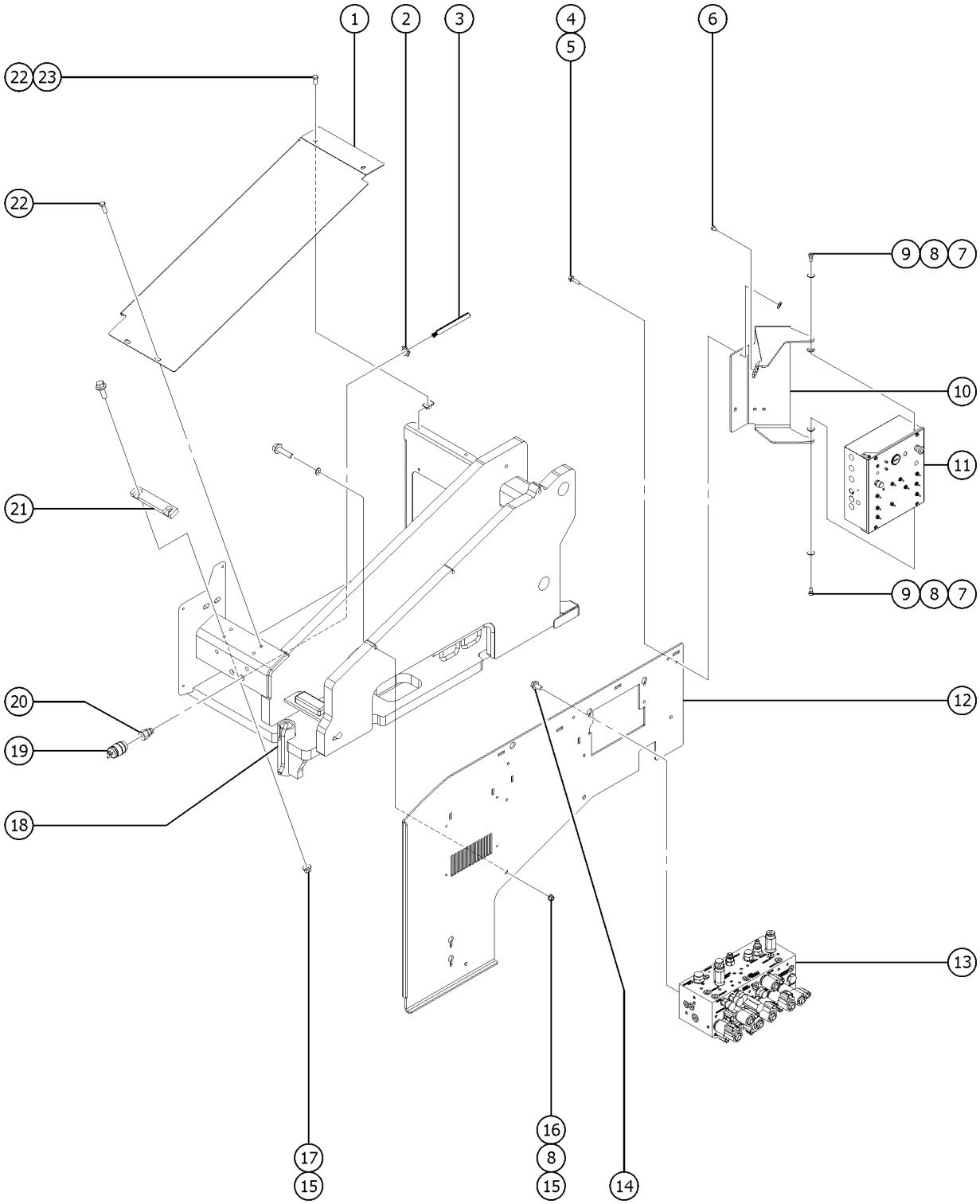
Item	*Part No.*	*Description*	*Qty.*
15	1272909GT	HARNESS, FUEL SENSE, Z45IC FAMILY (no shown), (use with telematic option)	1

304.1 Function Manifold and Ground Control Box Installation



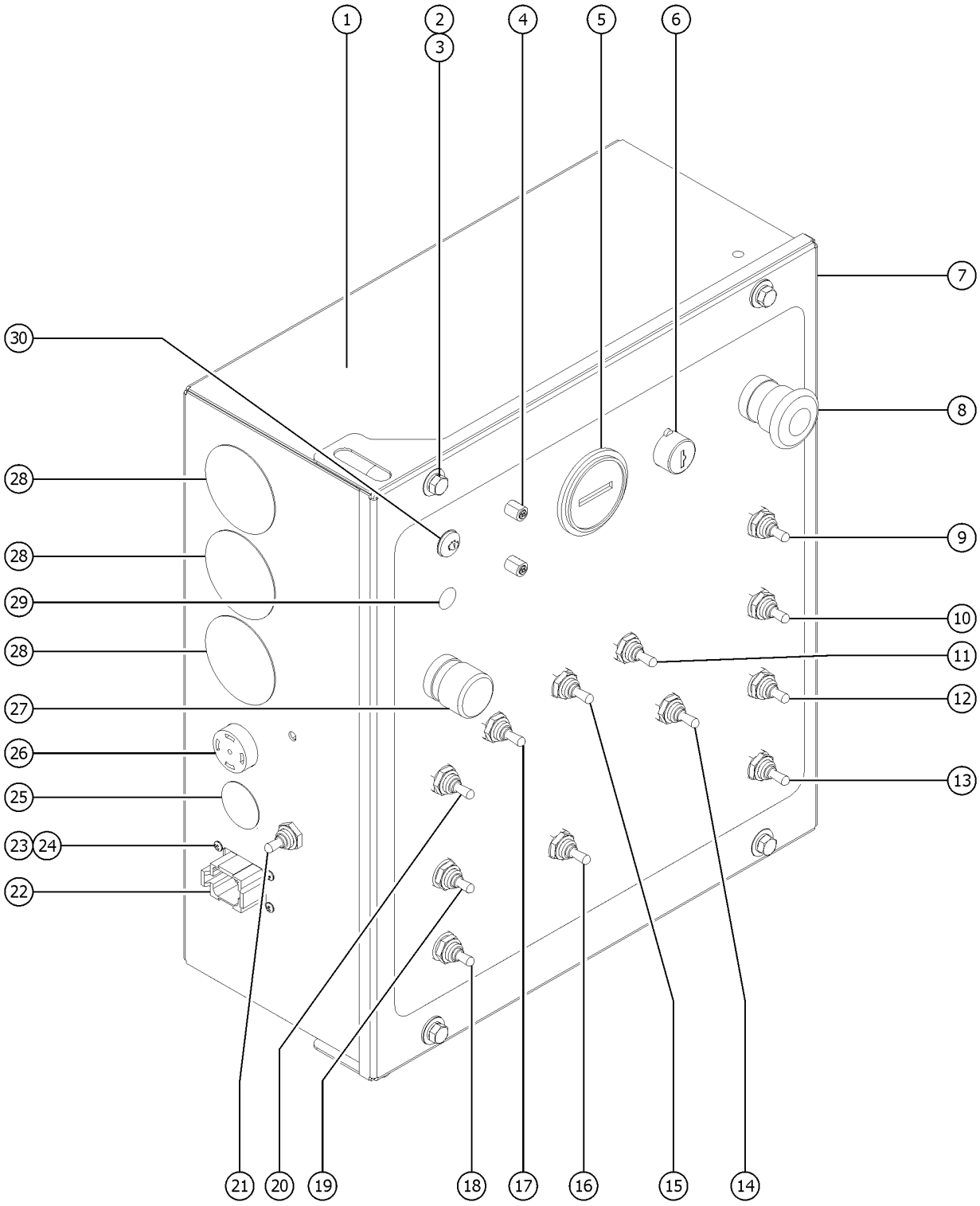
Item	Part No.	Description	Qty.
1	235643GT	COVER,CENTER SWING CHASSIS to SN Z4525D-3850	1
1B	1304454GT	COVER,CENTER SWING CHASSIS from SN Z4525D-3851	1
2	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
3	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	756-inches
4	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG check length	
5	87684GT	PUSH RETAINER 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
10B	1272704GT	BRACKET,CONTROL BOX MOUNTING (Kubota engine option)	1
11		Ref. Ground Control Box (refer to 305.1, 306.1, 307.1, or 308.1)	1
12	147017GT	BULKHEAD,TANK SIDE	1
12B	1324876GT	BULKHEAD, TANK SIDE (Only for Perkins and kubota Engine)	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	

304.1 Function Manifold and Ground Control Box Installation



Item	*Part No.*	*Description*	*Qty.*
20	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
21	50570GT	WEAR PAD,PRIMARY BOOM,NON JIB	1
22	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	
23	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	2

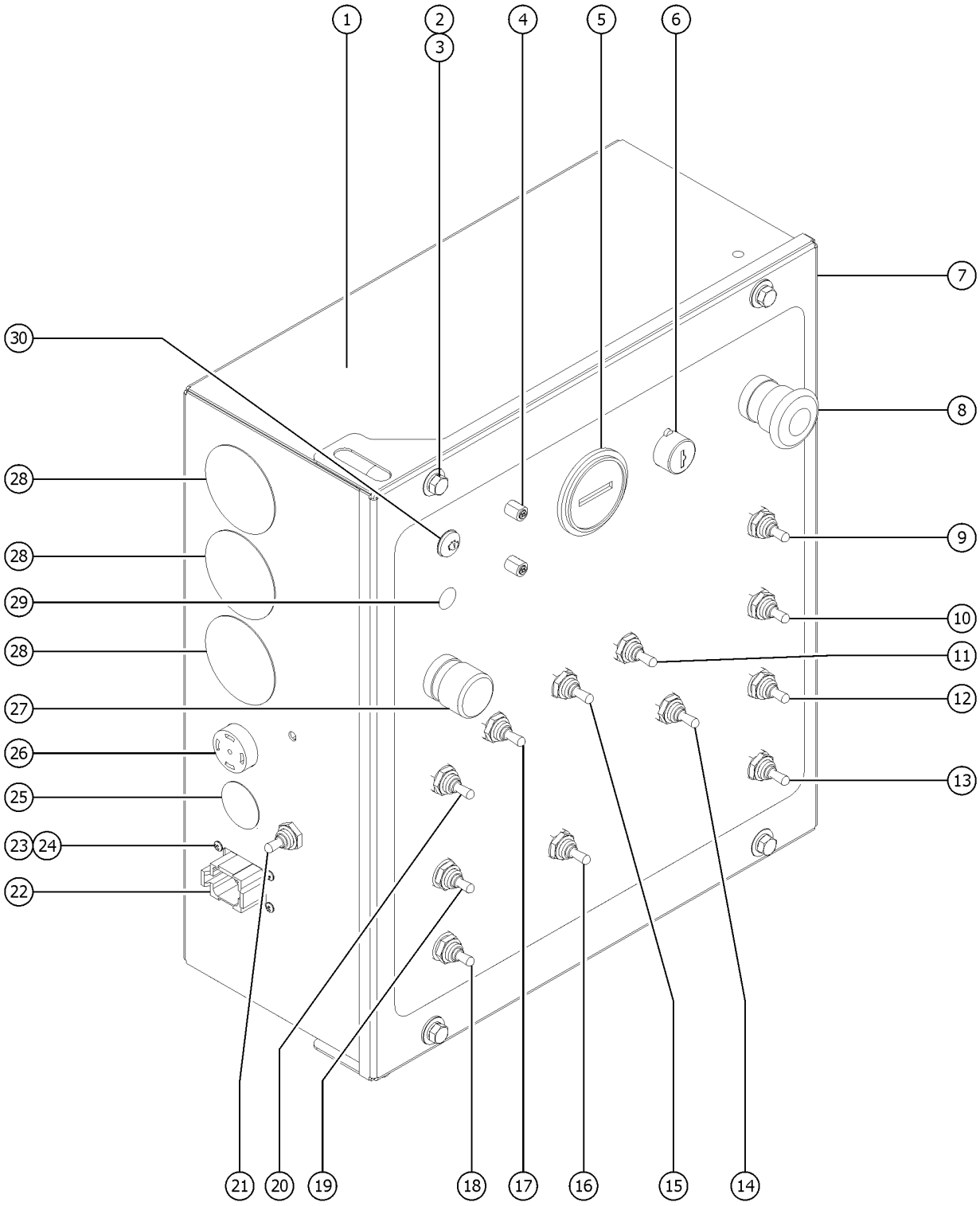
305.1 Ground Control Box, Models with Hour Meter, View 1



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

Item	Part No.	Description	Qty.
A	218451GT	ASSEMBLY,GBOX,Z45 DIESEL (complete)	1
B	218452GT	ASSEMBLY,GBOX,Z45 GAS (complete)	
C	218090GT	GASKET, GROUND CONTROL BOX	1
1	218759GT	GROUND CONTROL BOX include item 3	1
2	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4
3	T107520GT	NUTSERT,LP KNURLED,1/4-20X.165	
4	147090GT	CIRCUIT BREAKER, 15A	2
5	19506GT	HOUR METER, 10-80 VOLTS***	1
5B	1271076GT	DISPLAY,DIAGNOSTIC,J1939	1
6	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)	
9	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

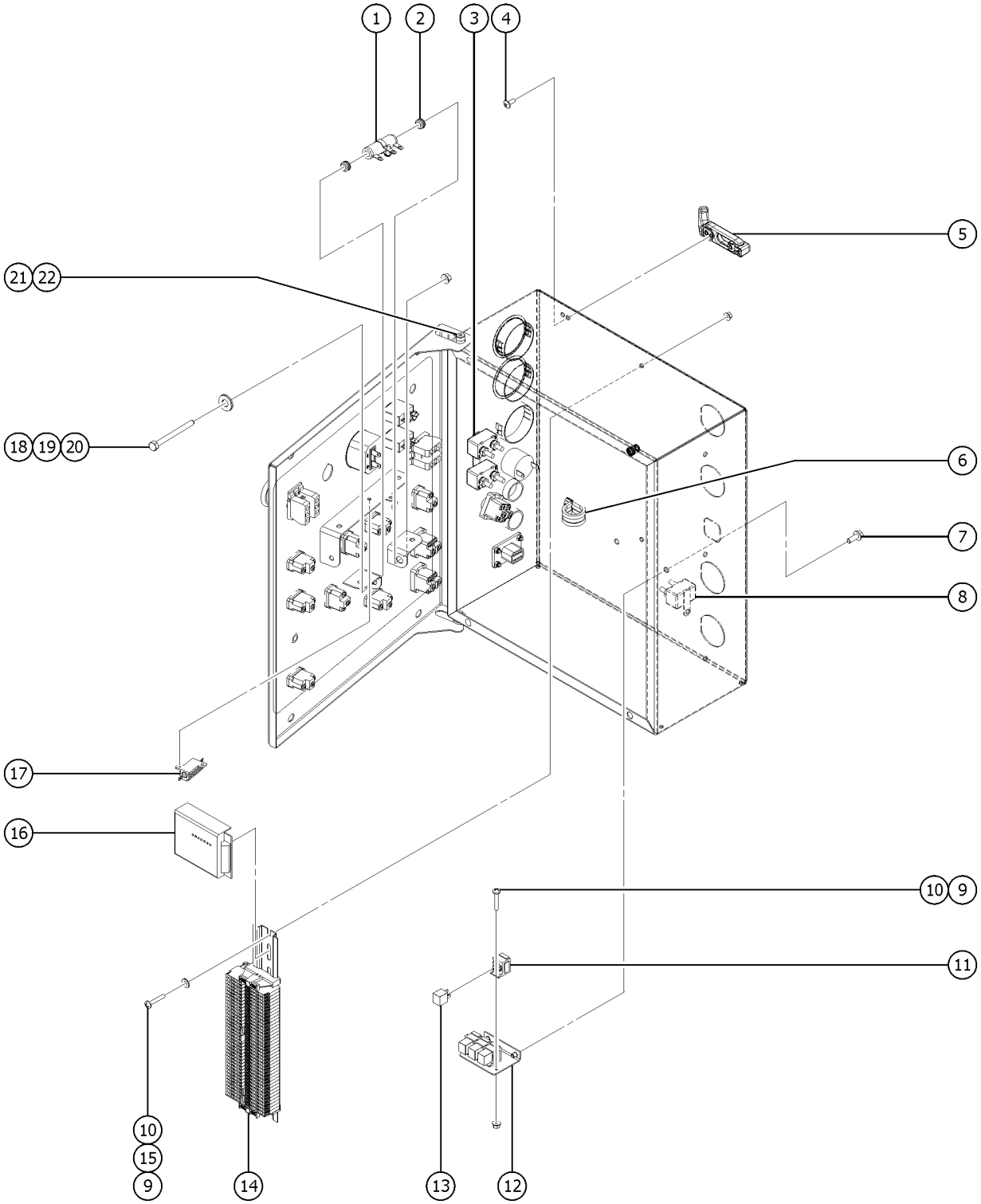
305.1 Ground Control Box, Models with Hour Meter, View 1



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)	1
14	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Secondary 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
21	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
30	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
30C	45384GT	PLUG,NYLON .50 BLACK DOMED Deutz D436-L3i-CN3 ONLY	1

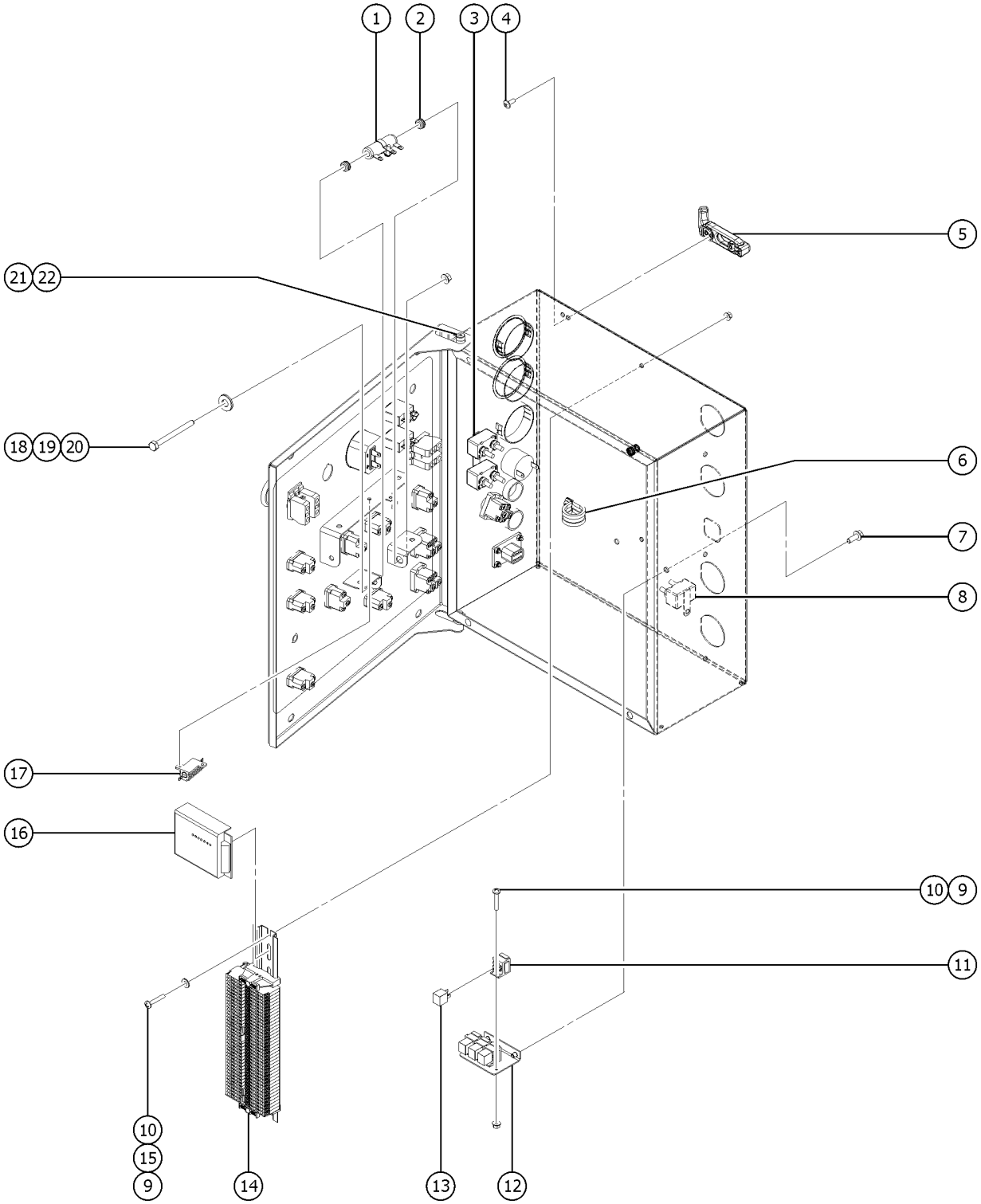
306.1 Ground Control Box, Models with Hour Meter, View 2



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	1
9	824214GT	SCREW,PHPM,6-32X.50,ZAG	
10	824032GT	NUT, TL FLG, 10-32, F, ZAG	
11	34053GT	ASSY,RELAY SOCKET,AUTO***	5
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

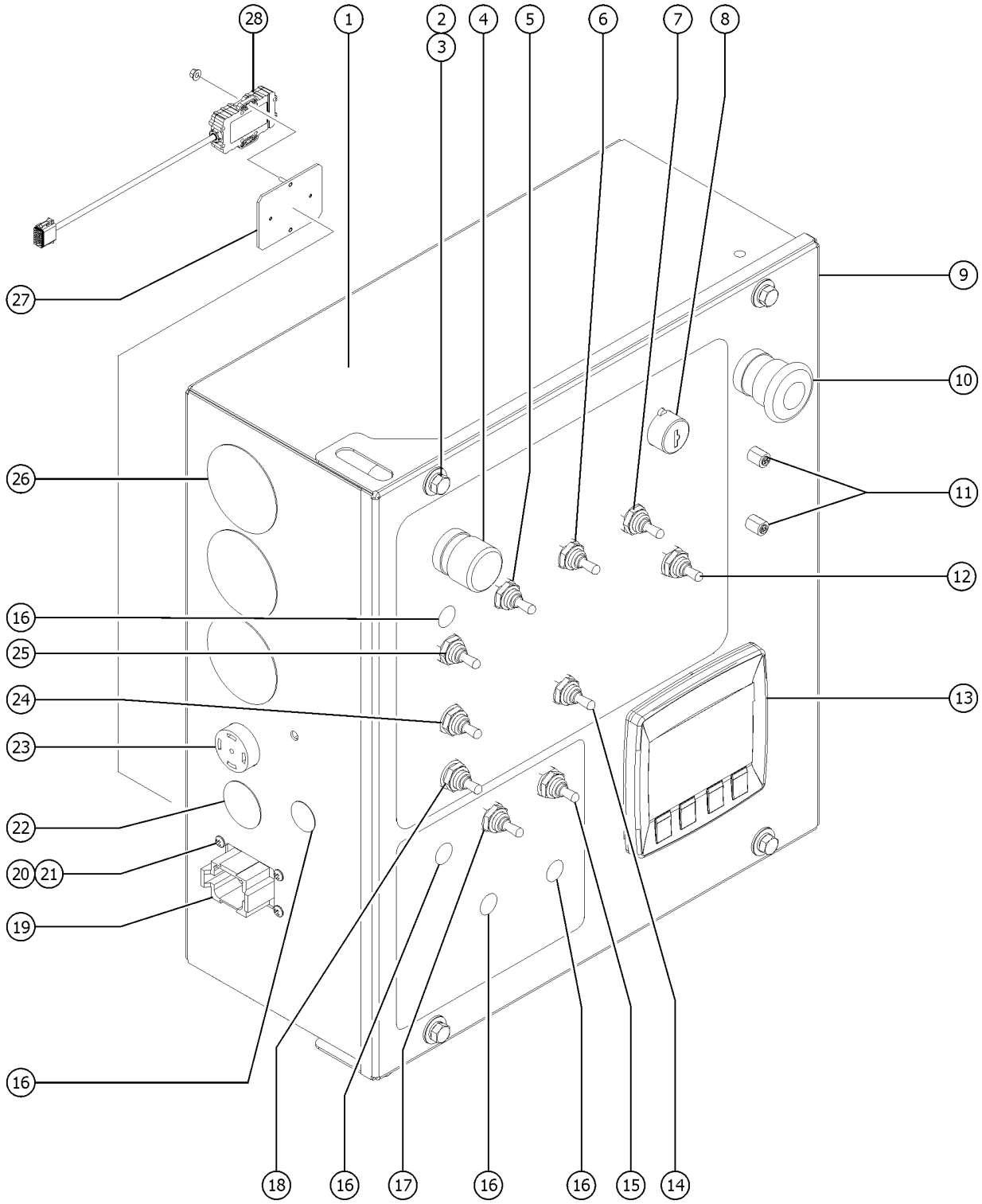
306.1 Ground Control Box, Models with Hour Meter, View 2



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

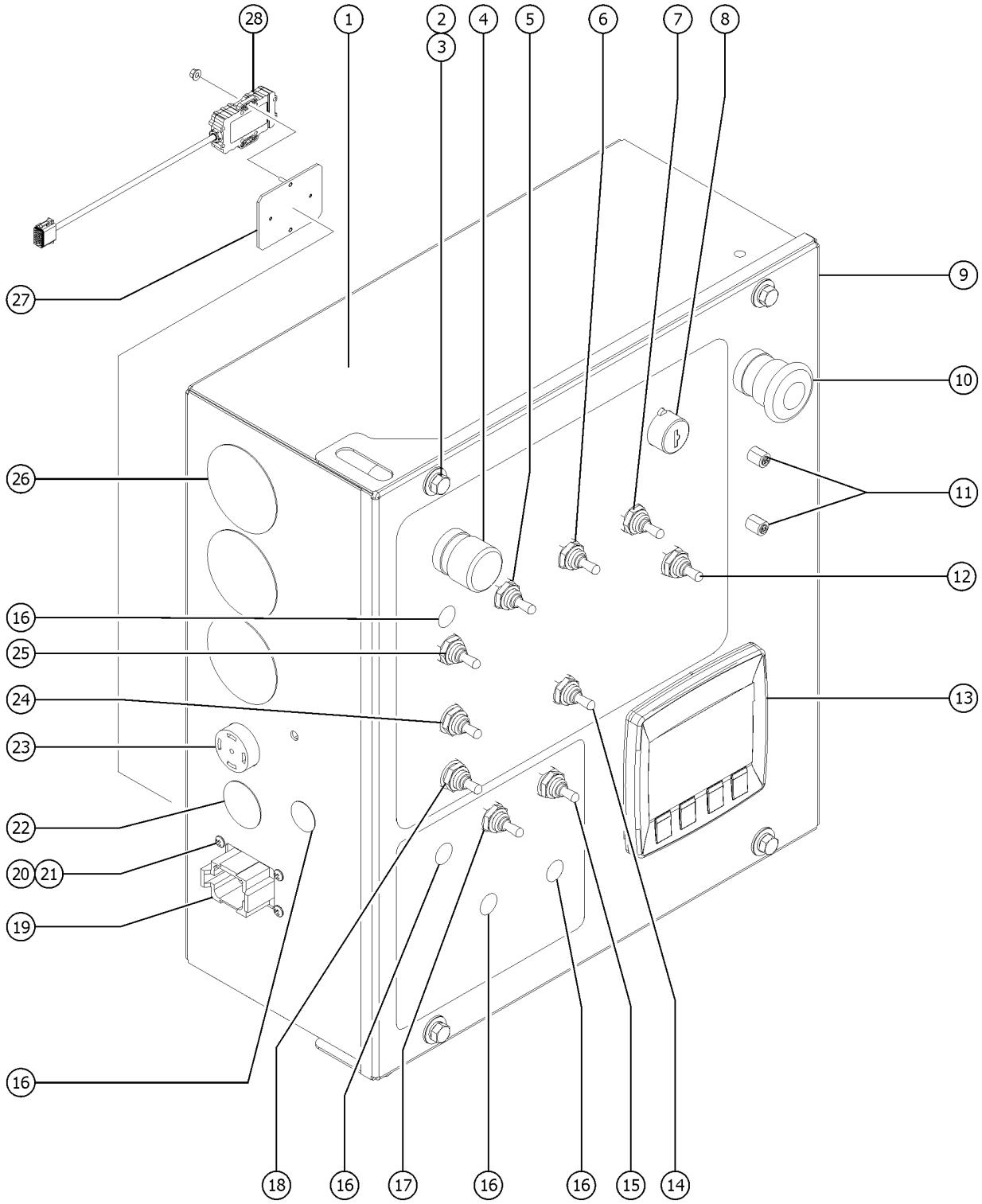
307.1 Ground Control Box, Models with LCD Readout Screen, View 1(to SN Z4525D-3978)



307.1 Ground Control Box, Models with LCD Readout Screen, View 1(to SN Z4525D-3978)

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	
4	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
8	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
10	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
13	1251984GT	ASSY,DISPLAY,DP200 DEUTZ T4 models with Deutz D2.9L4 engine	1
13-	1252684GT	SCREW,DP200 M3X10 4PACK	1

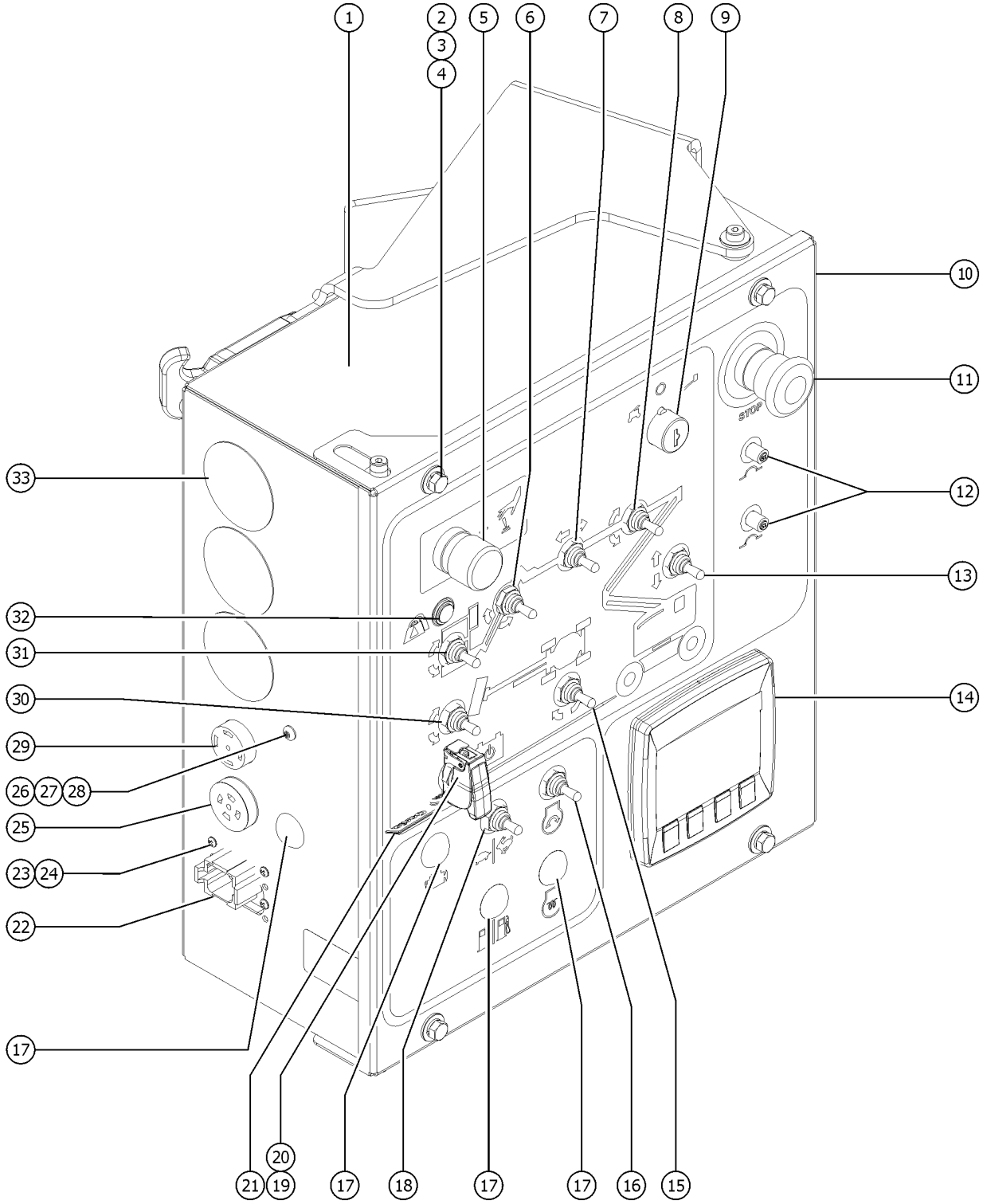
307.1 Ground Control Box, Models with LCD Readout Screen, View 1(to SN Z4525D-3978)



307.1 Ground Control Box, Models with LCD Readout Screen, View 1(to SN Z4525D-3978)

Item	Part No.	Description	Qty.
13-	1252685GT	GASKET,DP200 BLACK PANEL SEAL	1
13-	219718GT	BRACKET,DP200 PANEL MOUNT	1
13A	1251985GT	ASSY,DISPLAY,DP200 PERKINS T4 models with Perkings 404F engine	1
13A-	1252684GT	SCREW,DP200 M3X10 4PACK	1
13A-	1252685GT	GASKET,DP200 BLACK PANEL SEAL	1
13A-	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
27	1289561GT	BRACKET, TELEMATICS	1
28	1289520GT	MODULE, TELEMATICS, ZTR, M7, NORTH AMERICA North America	1
28B	1289521GT	MODULE, TELEMATICS, ZTR, M7, EMEA/APAC EMEA/APAC	1
28C	1289522GT	MODULE, TELEMATICS, ZTR, M7, APAC/ANZ APAC/ANZ	1
28D	1289523GT	MODULE,TELEMATICS,ZTR,M7,JAPAN Japan	1

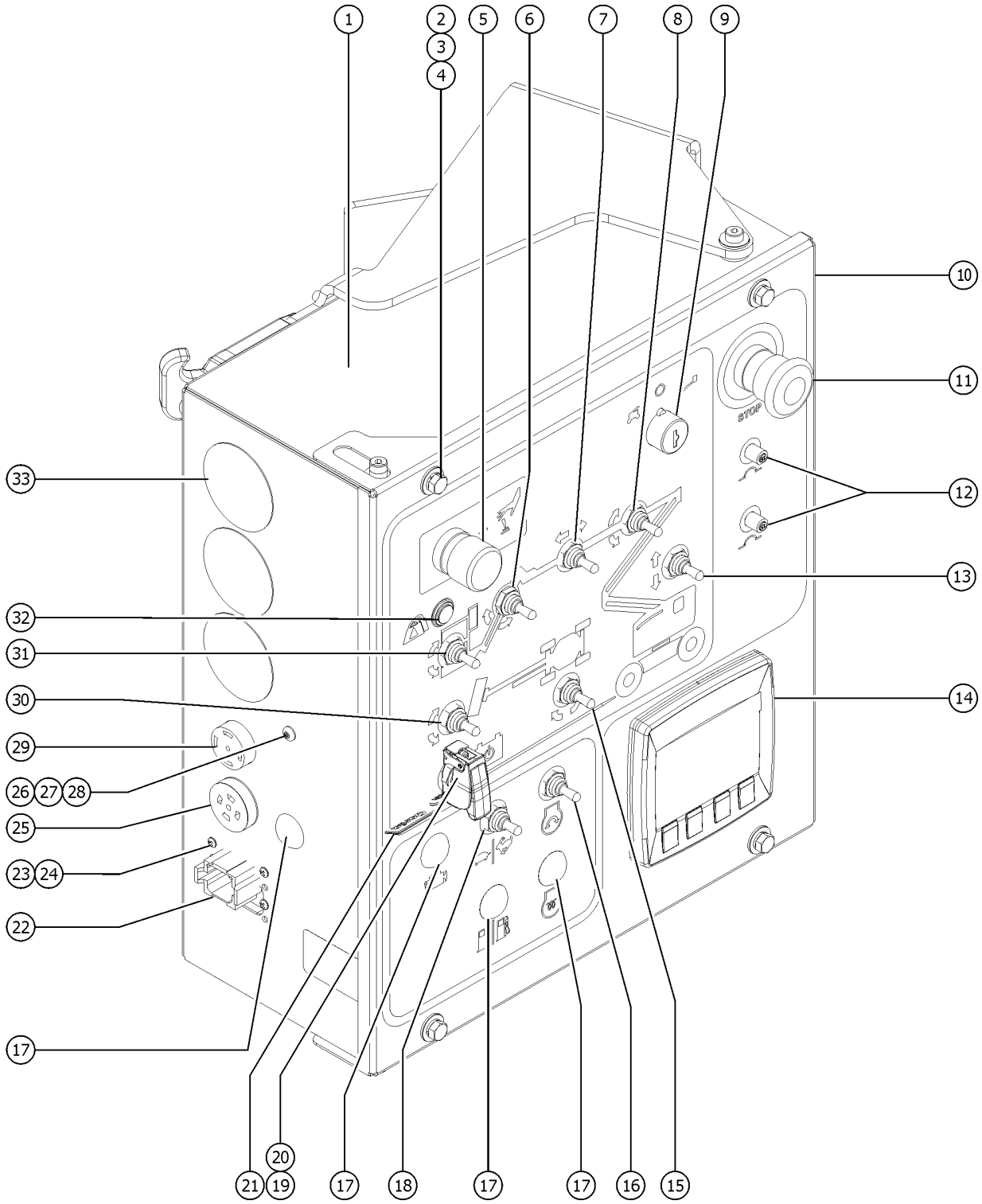
307.2 Ground Control BOX, Z-45 DIESE, TIRE IV, ANSI A92..20 & CE, View1 (from SN Z4525D-3979)



307.2 Ground Control BOX, Z-45 DIESE, TIRE IV, ANSI A92..20 & CE, View1 (from SN Z4525D-3979)

Item	Part No.	Description	Qty.
-	1303383GT	HARNESS ASSY,RELAY D2.9,Z45 for 1303369	1
-	1303368GT	HARNESS, TILT FUNCTION CUTOUT, ANSI for 1303369	1
A	1303369GT	ASSY, GBOX, Z-45 DIESEL, TIRE IV, ANSI A92.20 ANSI	1
B	1303472GT	ASSY,GBOX,Z-45 DEUTZ,TIRE IV,CE CE	1
1	218759GT	GROUND CONTROL BOX	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	4
3	6356GT	WASHER, LOCK, .25	4
4	6638GT	WASHER, FLAT, USS, 1/4"Y	4
5	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Jib boom up/down; includes boot and hardware	1
6-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
6-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
6-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom Ext/Ret; includes boot and hardware (refer to item 7 for lower-level components)	1
8	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom up/down; includes boot and hardware (refer to item 7 for lower-level components)	1
9	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	1
9-	83093GT	KEY SINGLE***	
9-	94506GT	BASE,W/3 NC CONTACTS	
10	160511GT	WDMT - LID, GROUND BOX	1
11	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
12	147090GT	CIRCUIT BREAKER, 15A	2
13	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Secondary boom up/down; includes boot and hardware (refer to item 7 for lower-level components)	1
14	1251984GT	ASSY,DISPLAY,DP200 DEUTZ T4 models with Deutz D2.9L4 engine	1
14-	1252684GT	SCREW,DP200 M3X10 4PACK	1
14-	1252685GT	GASKET,DP200 BLACK PANEL SEAL	1
14-	219718GT	BRACKET,DP200 PANEL MOUNT	1
15	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Turntable rotate; includes boot and hardware (refer to item 7 for lower-level components)	1

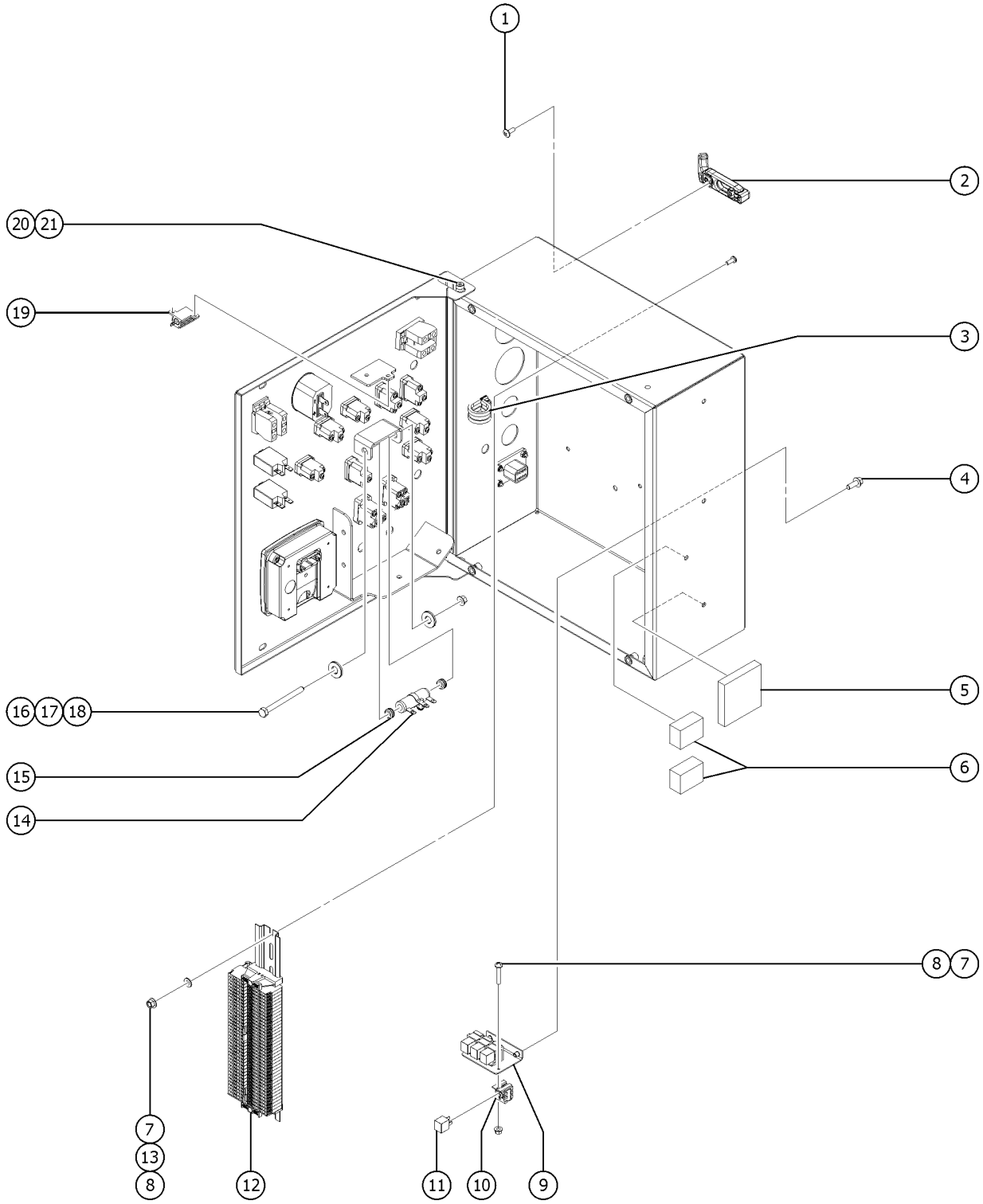
307.2 Ground Control BOX, Z-45 DIESE, TIRE IV, ANSI A92..20 & CE, View1 (from SN Z4525D-3979)



307.2 Ground Control BOX, Z-45 DIESE, TIRE IV, ANSI A92..20 & CE, View1 (from SN Z4525D-3979)

Item	*Part No.*	*Description*	*Qty.*
16	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine start switch; includes boot and hardware (refer to item 7 for lower-level components)	1
17	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
18	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
19	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Emergency lowering; includes boot and hardware (refer to item 10 for lower-level components)	1
20	1261346GT	TOGGLE SWITCH GUARD, RED to Z4525D-10182	1
21	1261566GT	SECURITY TIE, TOGGLE GUARD to Z4525D-10182	1
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	45383GT	ALARM,WARBLE TONE 5-30 VDC***	1
26	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	1
27		Ref. CLAMP,0.75,#12 X 1/4,RUB CUSH (refer to 308.2)	1
28	6178GT	NUT, NYLOCK, 10-32	1
29	18963GT	ALARM, INTERMITTENT TONE 6-30V*	1
30	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform rotate; includes boot and hardware (refer to item 7 for lower-level components)	1
31	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform level; includes boot and hardware (refer to item 7 for lower-level components)	1
32	218165GT	LIGHT,INDICATOR,RED 12V H-BRI	1
33	81900GT	PLUG,NYLON 2.093 BLACK DOMED	3

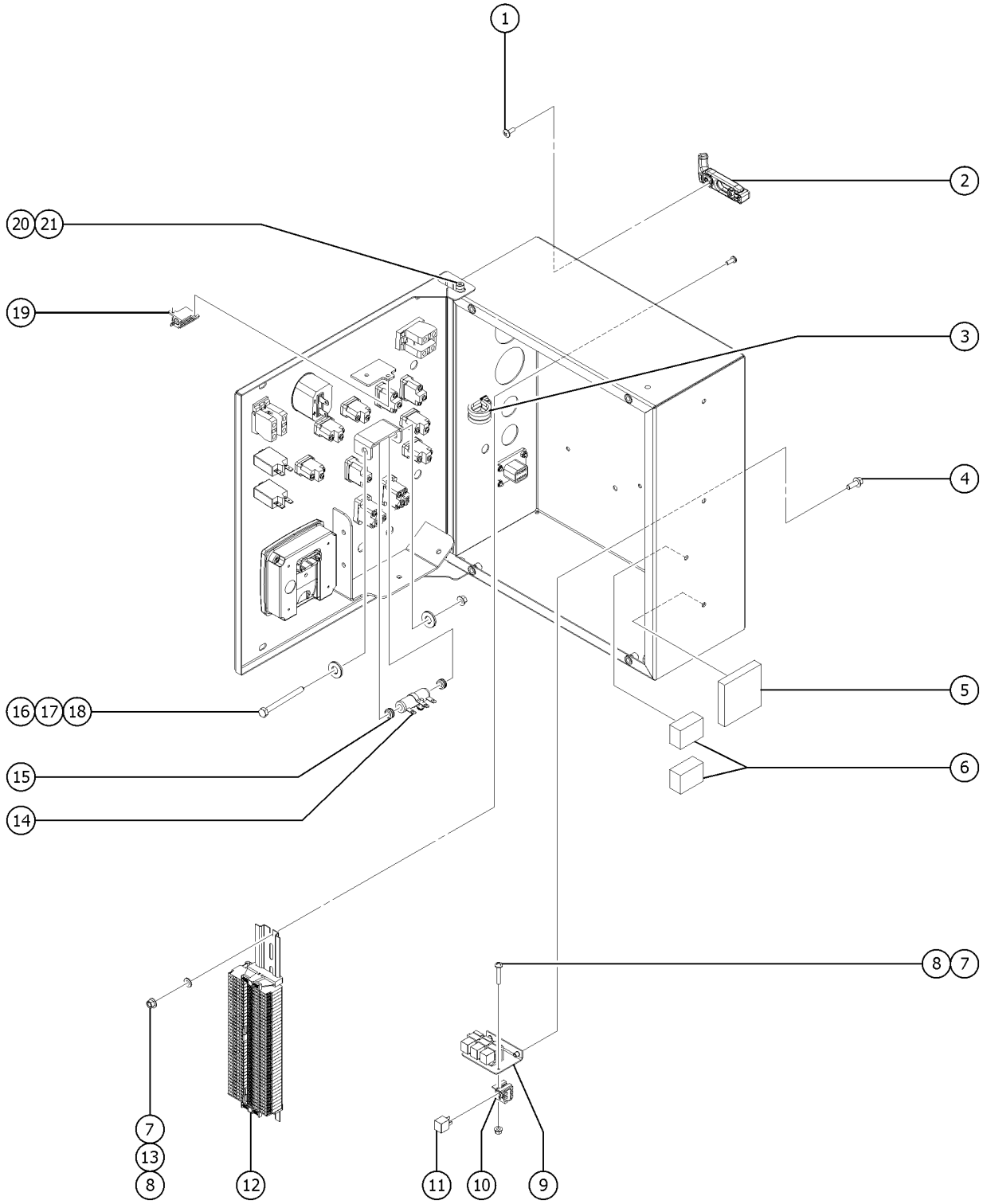
308.1 Ground Control Box, Models with LCD Readout Screen, View 2(to SN Z4525D-3978)



308.1 Ground Control Box, Models with LCD Readout Screen, View 2(to SN Z4525D-3978)

Item	Part No.	Description	Qty.
A	218090GT	GASKET, GROUND CONTROL BOX	
1	56055GT	SCREW,PHILLIPS TRUSSHEAD	
2	56053GT	LATCH,FLEXIBLE DRAW	1
3	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
4	824059GT	SCREW, HHC, 1/4-20 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	

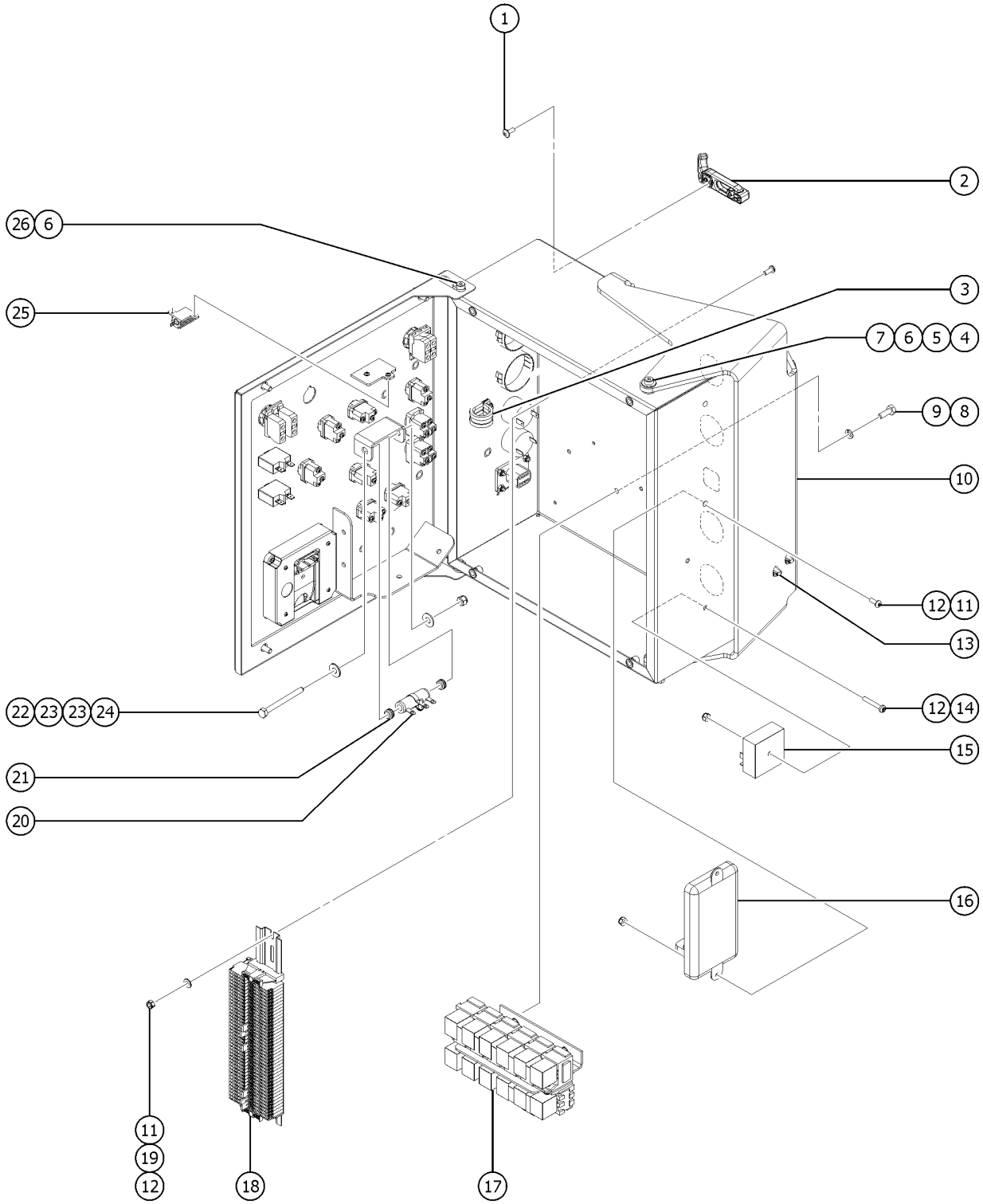
308.1 Ground Control Box, Models with LCD Readout Screen, View 2(to SN Z4525D-3978)



308.1 Ground Control Box, Models with LCD Readout Screen, View 2(to SN Z4525D-3978)

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	

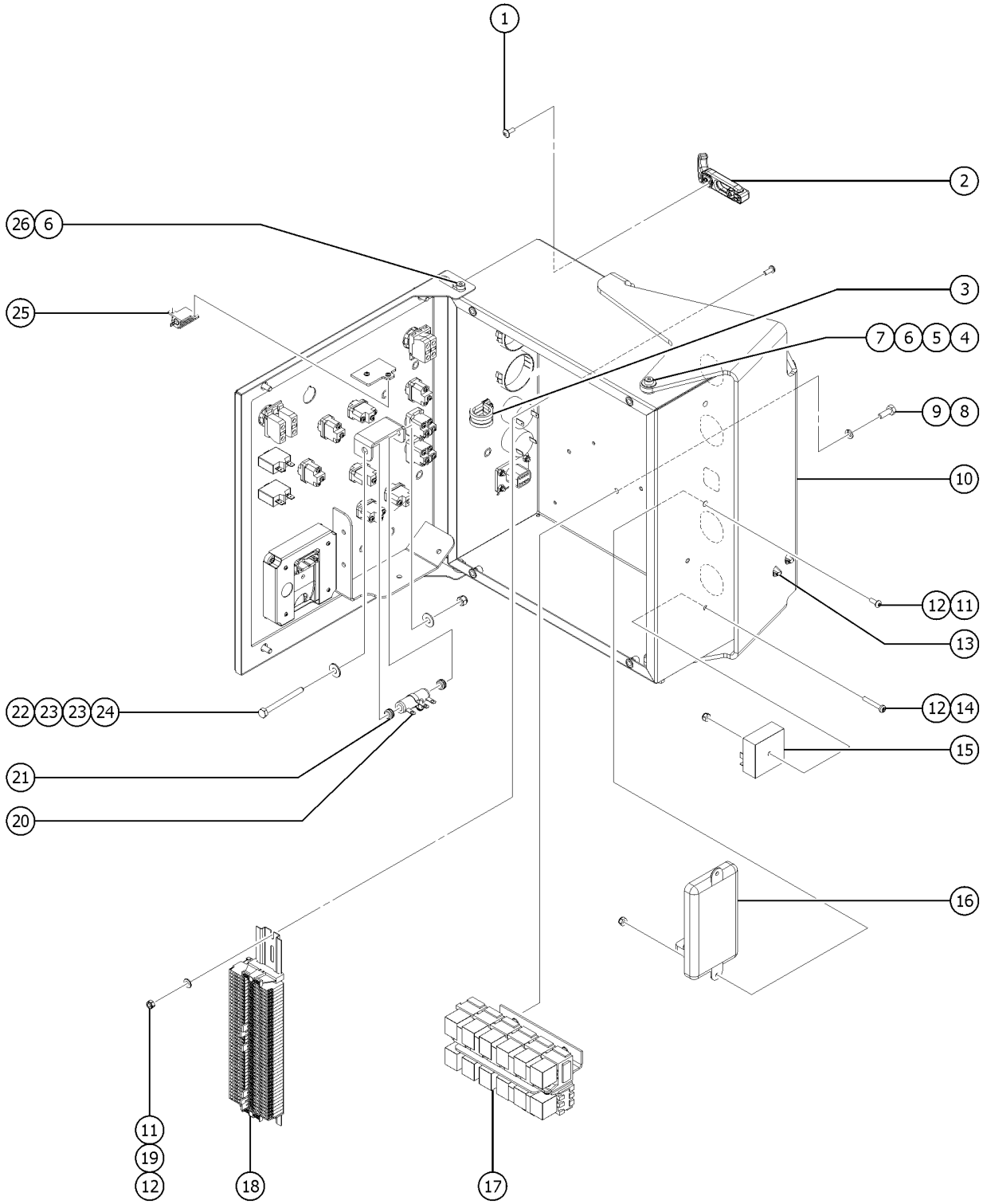
308.2 Ground Control BOX, Z-45 DIESE, TIRE IV, ANSI A92..20 & CE, View2 (from SN Z4525D-3979)



308.2 Ground Control BOX, Z-45 DIESE, TIRE IV, ANSI A92..20 & CE, View2 (from SN Z4525D-3979)

Item	Part No.	Description	Qty.
A	218090GT	GASKET, GROUND CONTROL BOX	
1	56055GT	SCREW,PHILLIPS TRUSSHEAD	
2	56053GT	LATCH,FLEXIBLE DRAW	1
3	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
4	218466GT	SCREW,SHS,1/4-20X.5 ZINC	2
5	6638GT	WASHER, FLAT, USS, 1/4"Y	2
6	218449GT	WASHER,SHOULDER,NYLON	2
7	824024GT	NUT, TL, 1/4-20, C, ZAG	2
8	6090GT	SCREW, HHC, 1/4-20 X .75	2
9	6356GT	WASHER, LOCK, .25	2
10	147011GT	BRACKET,CONTROL BOX MOUNTING	1
11	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	4
12	6178GT	NUT, NYLOCK, 10-32	3
13	105214GT	CABLE TIE MOUNT, WINGED	2
14	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	1
15	121846GT	RELAY, TIME DELAY, 2 SEC, 10A (Option) mounting hardware not included	1
15-	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25 not shown	
15-	6178GT	NUT, NYLOCK, 10-32 not shown	
16	128045GT	MODULE,LOAD SENSE 2007	1
17	1255663GT	HARNESS,GBOX,T4,Z45	1
18	822708GT	ASSY, TERMINAL RAIL, TIER IV	1
18-	216791GT	TERMINAL BLOCK,WIELAND	
18-	216793GT	TERMINAL BLOCK END PLATE	
18-	56994GT	DIN RAIL,11.25"	
18-	74913GT	END STOP, DIN RAIL,SCREW CLAMP	
18-	74917GT	JUMPER COMB, 2-WAY,WIELAND	
19	6146GT	WASHER,FLAT,MS,#10,Y	2
20	101010GT	RESISTOR,20 OHMS,25W,ADJ***	1

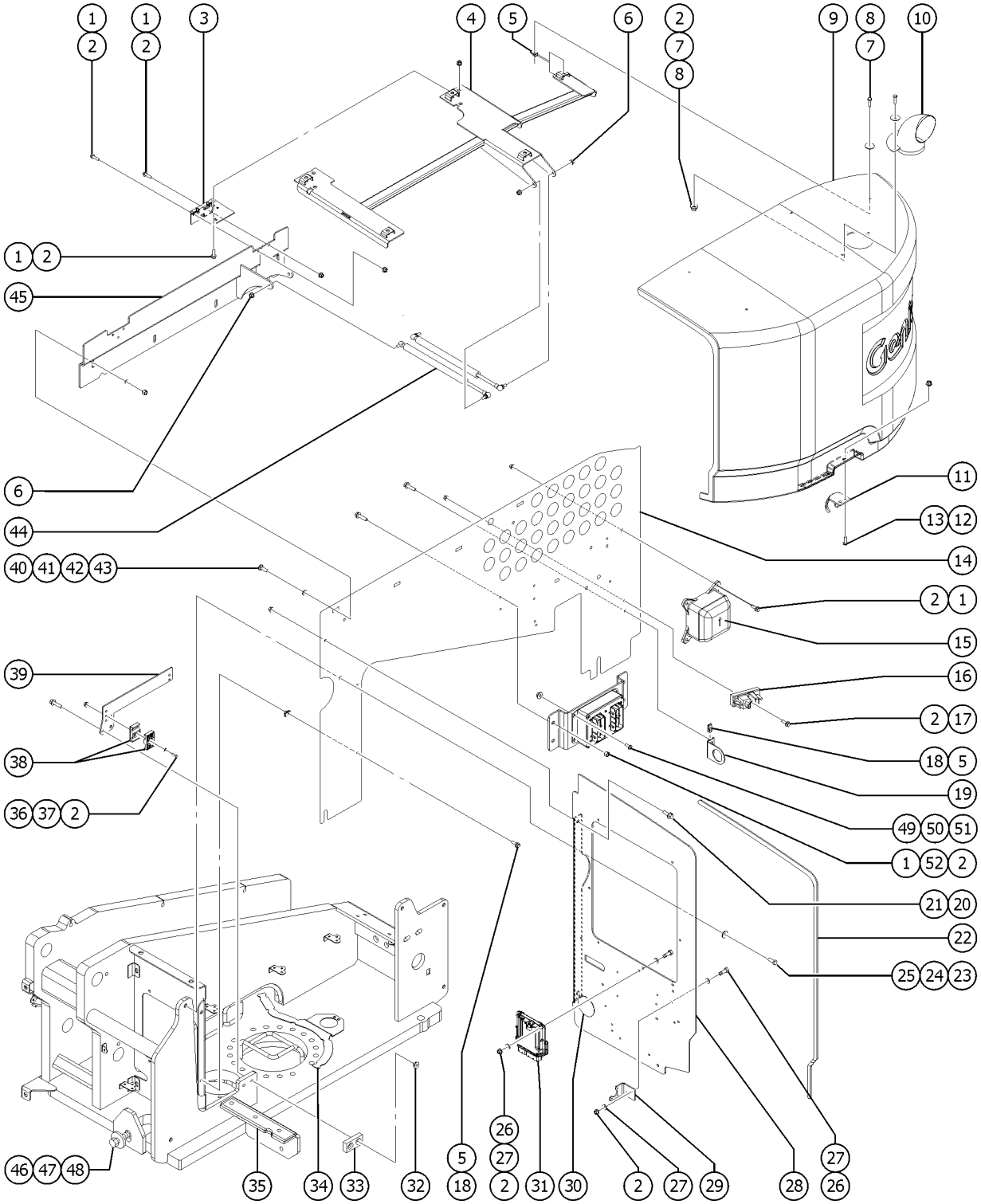
308.2 Ground Control BOX, Z-45 DIESE, TIRE IV, ANSI A92..20 & CE, View2 (from SN Z4525D-3979)



308.2 Ground Control BOX, Z-45 DIESE, TIRE IV, ANSI A92..20 & CE, View2 (from SN Z4525D-3979)

Item	*Part No.*	*Description*	*Qty.*
21	42646GT	GROMMET,RUBBER .25 X .50"OD	2
22	12343GT	SCREW,HHC,1/4-20 X 3	1
23	6638GT	WASHER, FLAT, USS, 1/4"Y	2
24	6091GT	NUT, NYLOCK, 1/4-20	1
25	89575GT	RESISTOR,7.5 OHM,25 WATT,1PCNT	1
26	88315GT	SCREW,SHS,1/4-20 X .25 ZINC SUPERSEDE; USE UNTIL EXHAUSTED	2
26A	1263233GT	BOLT,SHS,5/16X.25X1/4-20,8,ZAG REPLACES 88315	2

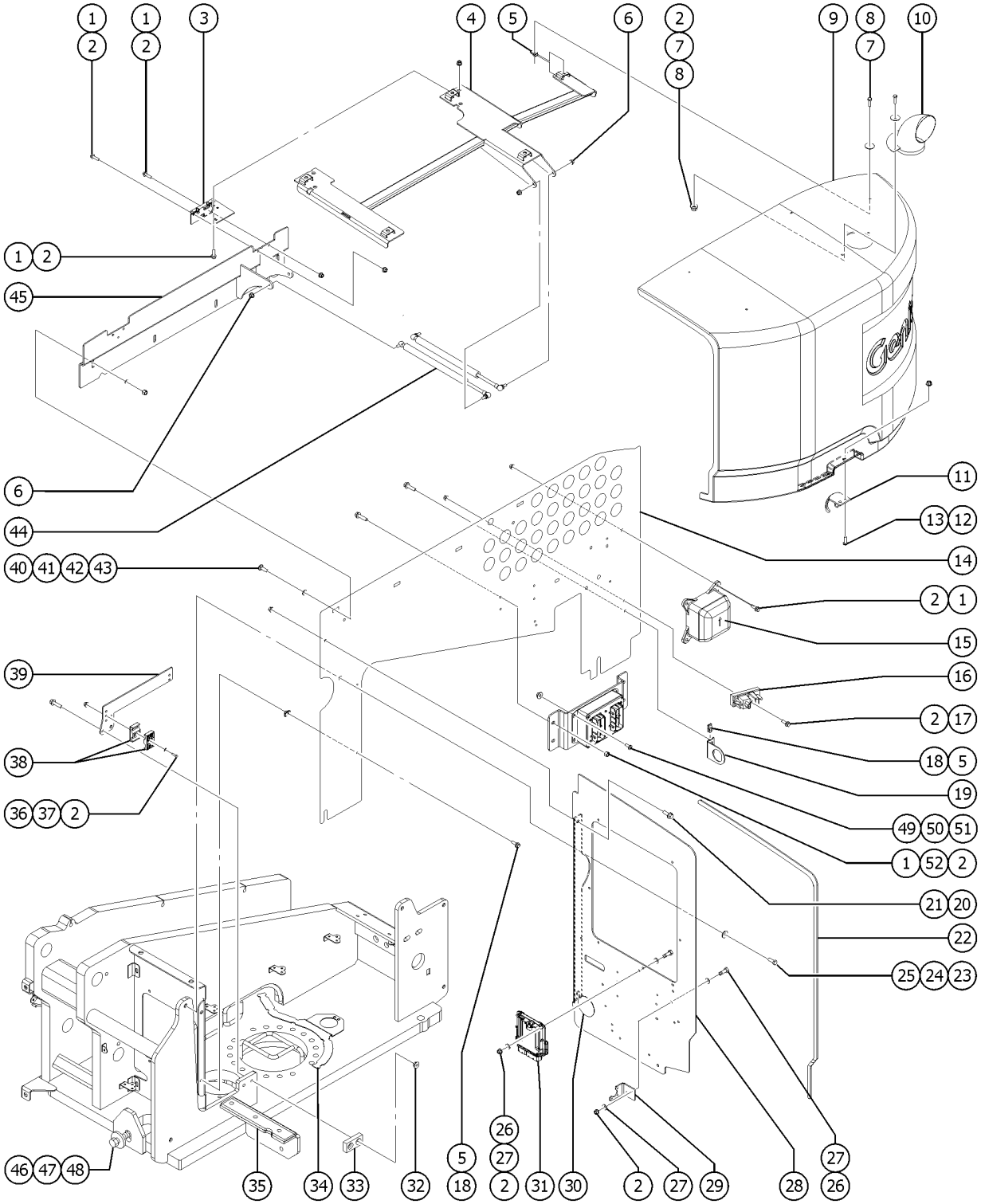
309.1 Turntable Cover, Engine Side



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	1304455GT	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	
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

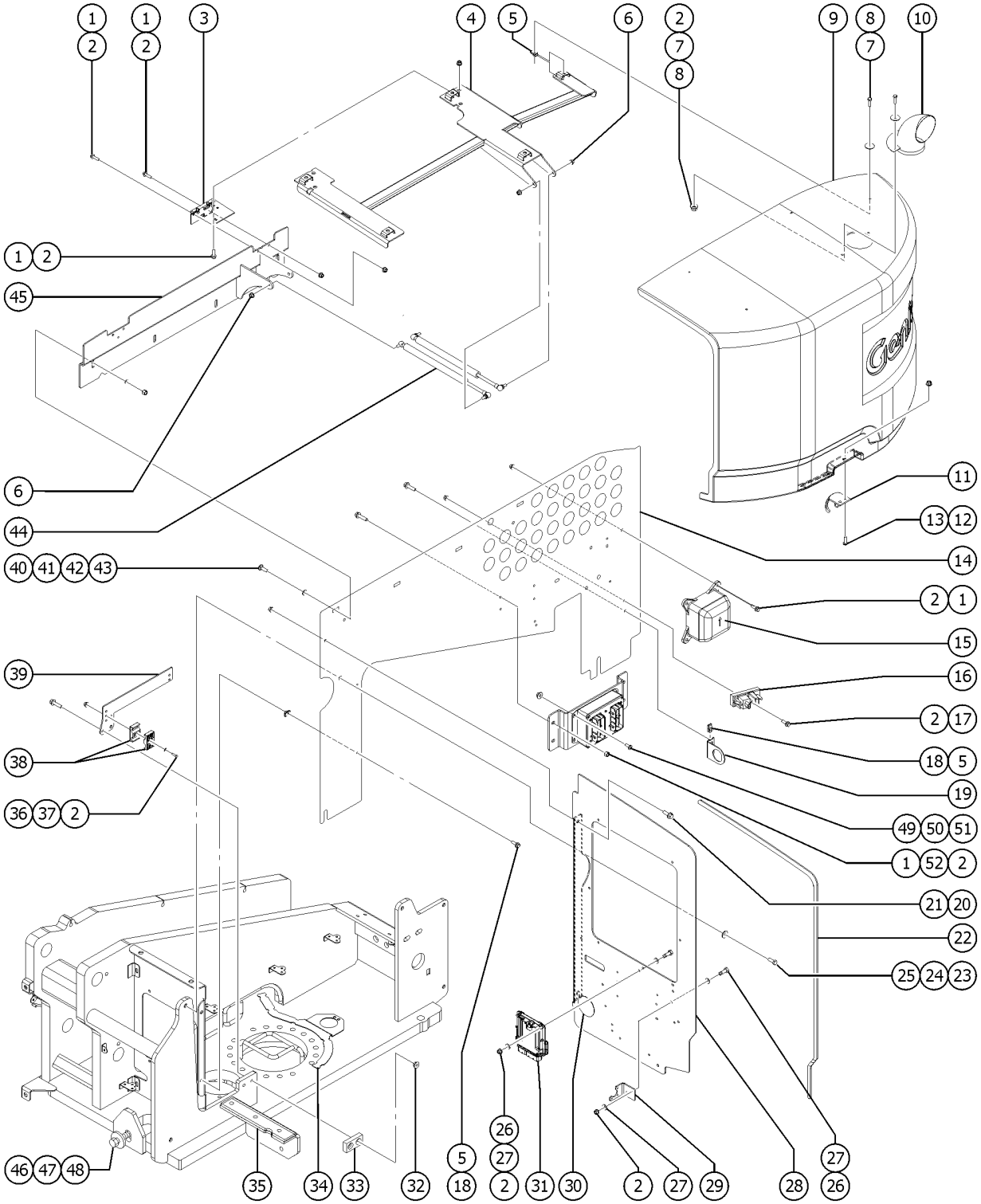
309.1 Turntable Cover, Engine Side



309.1 Turntable Cover, Engine Side

Item	Part No.	Description	Qty.
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	1305872GT	BULKHEAD,COOLING ,AIR (Deutz D2011/D436)	1
28B	231563GT	BULKHEAD, COOLING AIR (Deutz D2.9)	1
29	823817GT	FORMING,DIAGNOSTIC PORT,Z45	1
30	123572GT	HOLE PLUG, 3 IN	1
31		Ref. ECU models with Deutz D2.9 or Deutz D436-L3i-CN3 engine (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		Ref. LOAD PAD,ENGINE TRAY SUPPORT (refer to 301.1)	1
36	824063GT	SCREW,HHC,1/4-20X1.75,8,ZAG	3
37	824113GT	WASHER,FLAT,USS,1/4,ZAG	3
38	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	6
39	217518GT	BRACKET,BATTERY CABLE	1
40	1255757GT	BOLT,CARRIAGE,3/8-16X1.25,5,ZAG	4
41	87684GT	PUSH RETAINER FOR 3/8"THRD SCREW	4
42	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG	4
43	824025GT	NUT,TL,3/8-16,C,ZAG	4
44	106069GT	STRUT,GAS,200 LB***	2
44-	33555GT	BALL STUD**	

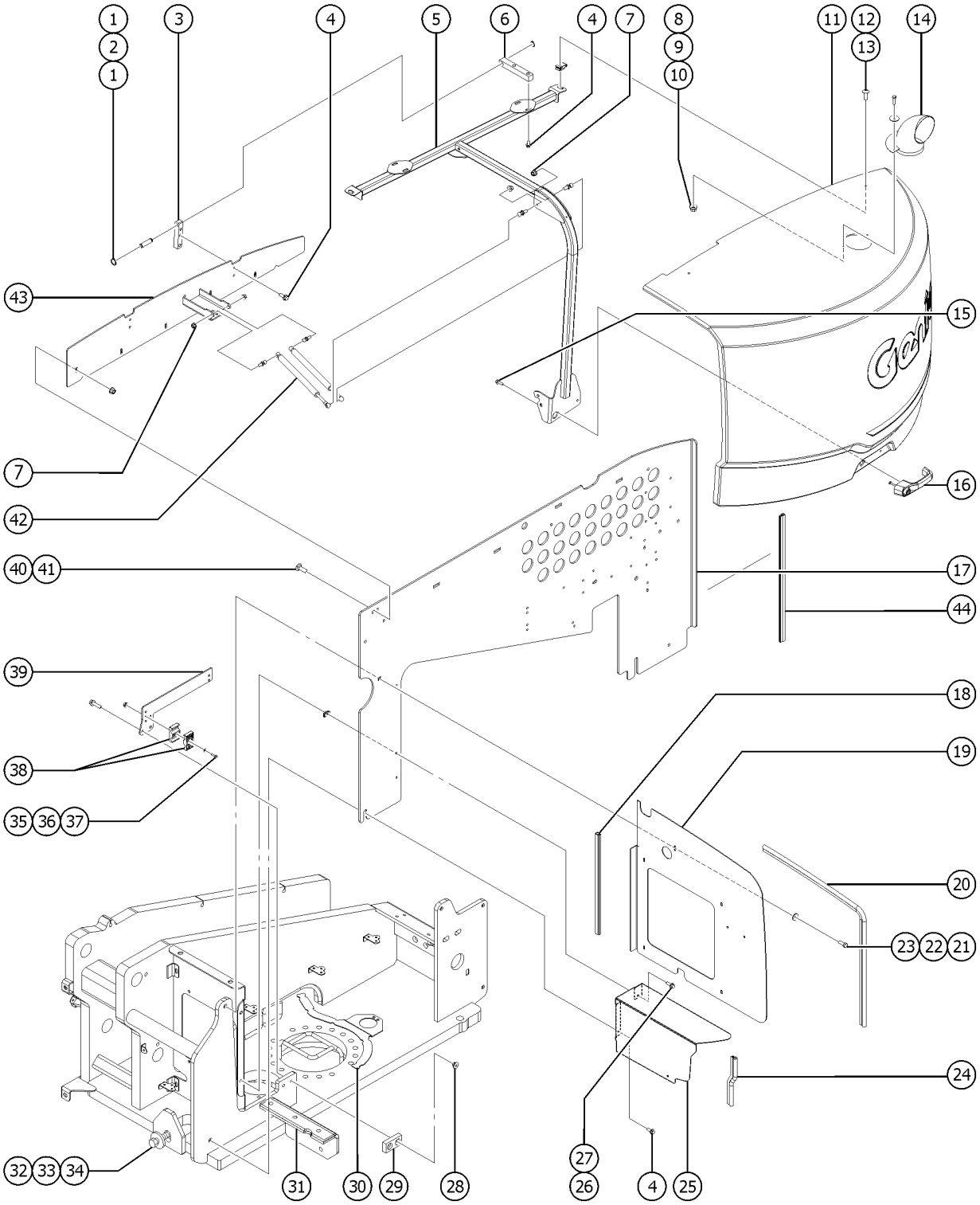
309.1 Turntable Cover, Engine Side



309.1 Turntable Cover, Engine Side

Item	*Part No.*	*Description*	*Qty.*
45	219080GT	WLDMT, BULKHEAD HINGE MNT, 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

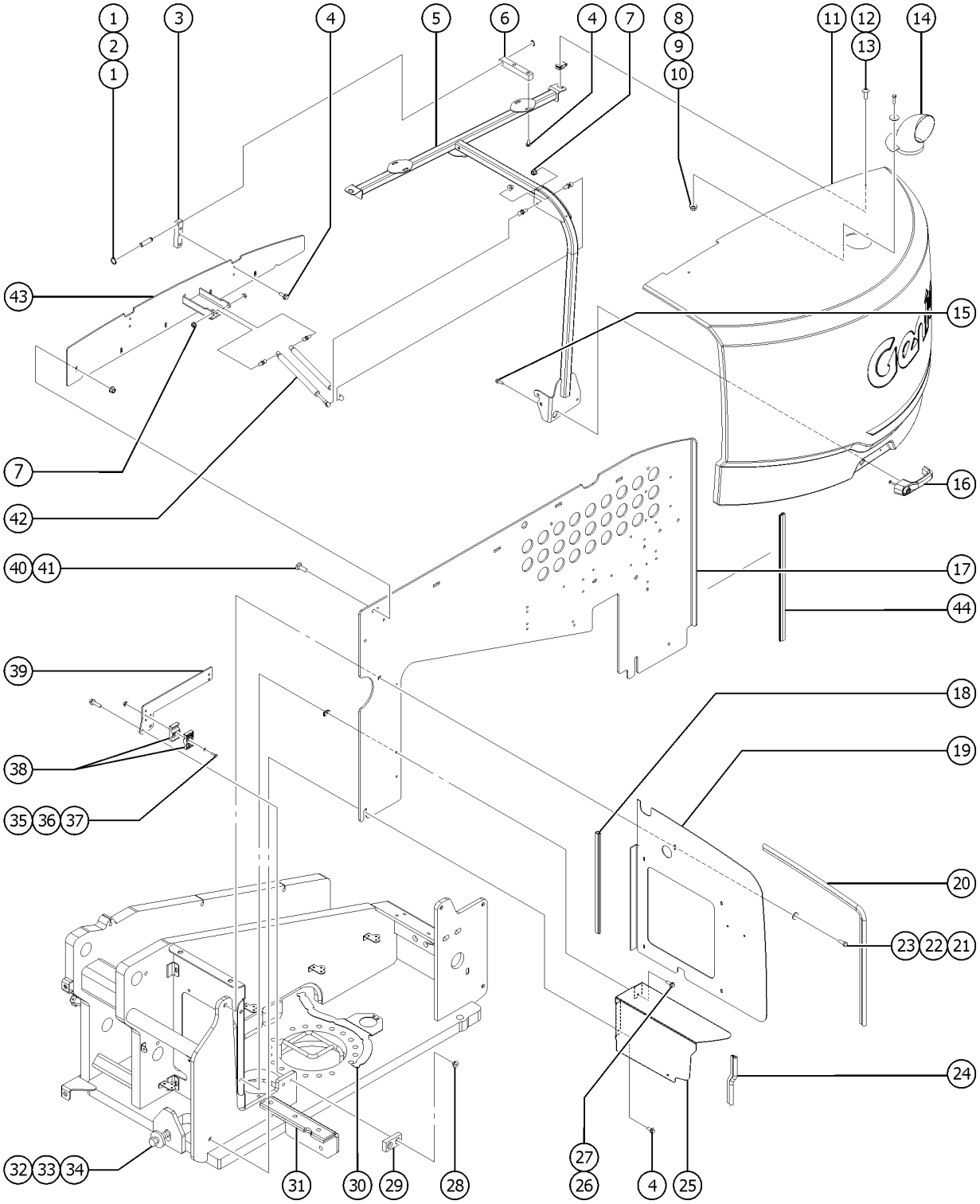
309.2 Turntable Cover, Engine Side (Kubota engine option)



309.2 Turntable Cover, Engine Side (Kubota engine option)

Item	Part No.	Description	Qty.
1	1256607GT	SNAP RING,EXTERNAL,1/2,ZAG	4
2	1272707GT	PIN,HINGE,0.5 X 2.08LG,2 RING	2
3	1272710GT	MACHINED,HINGE,20X20X108,0.5 PIN	2
4	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	8
5	1285158GT	WELDMENT,COVER SUPPORT, ENGINE SIDE	1
6	1272709GT	MACHINED,HINGE,20X20X134,0.5 PIN	2
7	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	4
8	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	3
9	824119GT	WASHER, FLAT, .25 X 1.25 X .062, ZAG	3
10	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	3
11	1284538GT	COVER,ENGINE SIDE,Z45XC	1
12	1261836GT	SCREW, THM, TORX, 3/8-16X1,SS	2
13	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	2
14	101964GT	WELDMENT,EXHAUST TUBE	1
15	231532GT	SCREW,HHF,M6-1.0X20,DIN6921,10.9,ZAB	2
16	1256054GT	HANDLE, YELLOW LOCKING, CODE 455	1
17	1285404GT	FORMING,BULKHEAD,ENGINE SIDE	1
18		Ref. Trim Edge, 1/8X3/4,Side Bulb refer to 413.1	
19		Ref. Weldment, Engine Baffle, Z45 refer to 413.1	1
20	139261GT	TRIM,EDGE,3/16X3/4 END BULB	51
21	1256118GT	SCREW,HHC,3/8-16X1.5,8,ZAG	1
22	824110GT	WASHER, LOCK, 3/8, ZAG	1
23	1255758GT	WASHER,FLAT,3/8,USS,ZAG	1
24	139261GT	TRIM,EDGE,3/16X3/4 END BULB	11 .51
25	1309589GT	BULKHEAD,COOLING AIR	1
26	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	1
27	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
28	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2

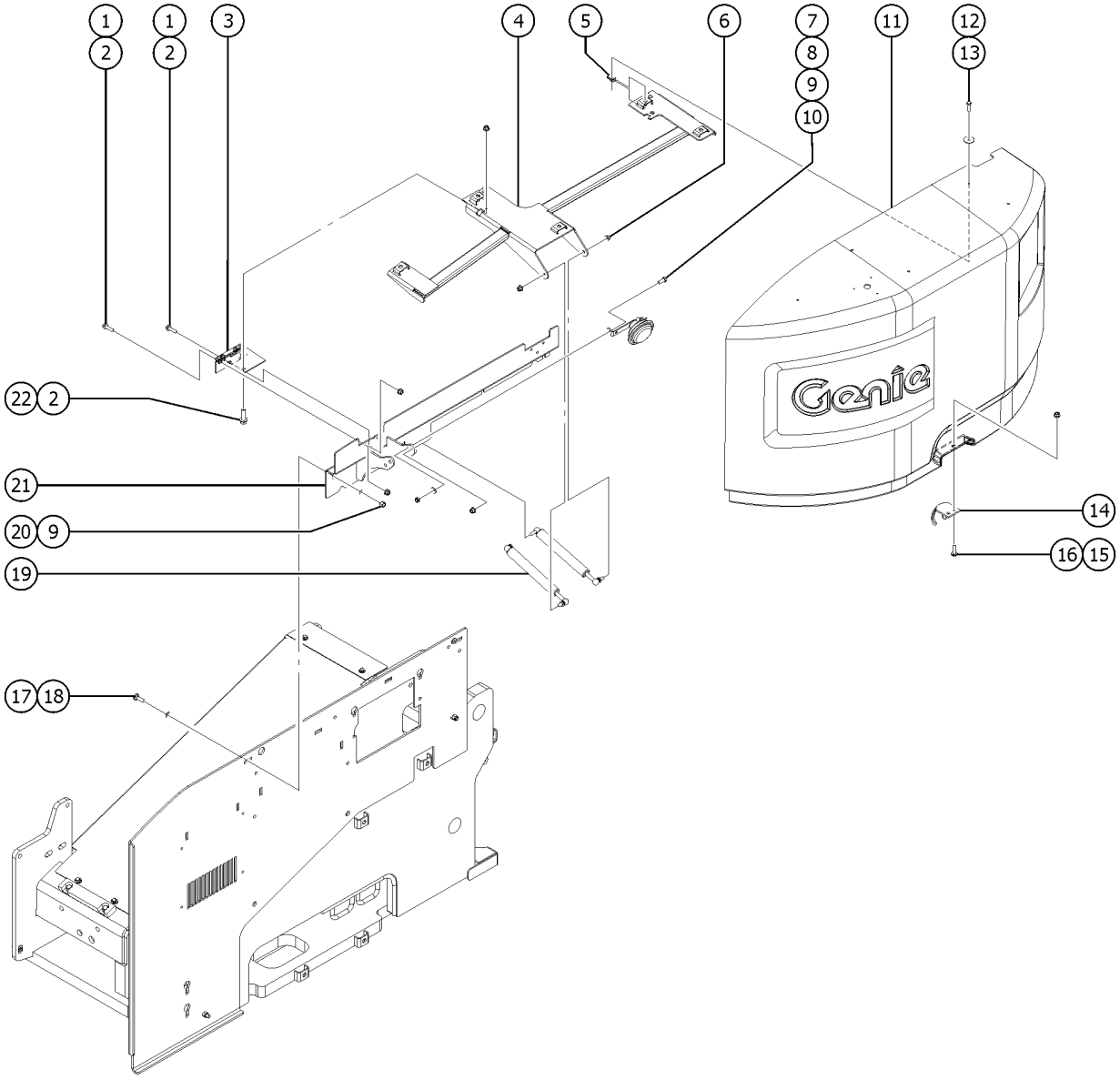
309.2 Turntable Cover, Engine Side (Kubota engine option)



309.2 Turntable Cover, Engine Side (Kubota engine option)

Item	Part No.	Description	Qty.
29	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	1
30	217430GT	FORMING, AUXILARY CABLE MT	1
31		Ref. LOAD PAD,ENGINE TRAY SUPPORT (refer to 301.1)	1
32	237731GT	SCREW,HHC,1-8X5,5,ZAG	1
33	1256469GT	WASHER,FLAT,1.0,USS,ZAG	1
34	824031GT	NUT,TL FLG,1-8,G,ZAG	1
35	824063GT	SCREW,HHC,1/4-20X1.75,8,ZAG	1
36	824113GT	WASHER,FLAT,USS,1/4,ZAG	1
37	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	1
38	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	2
39	217518GT	BRACKET,BATTERY CABLE	1
40	1255757GT	BOLT,CARRIAGE,3/8-16X1.25,5,ZAG	5
41	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	5
42	106069GT	STRUT,GAS,200 LB***	2
43	1285075GT	WLDMT, BULKHEAD HINGE MNT, ES	
44	139261-3030GT	TRIM EDGE,3/16X3/4 BULB (Kubata D1105 engine only)	1

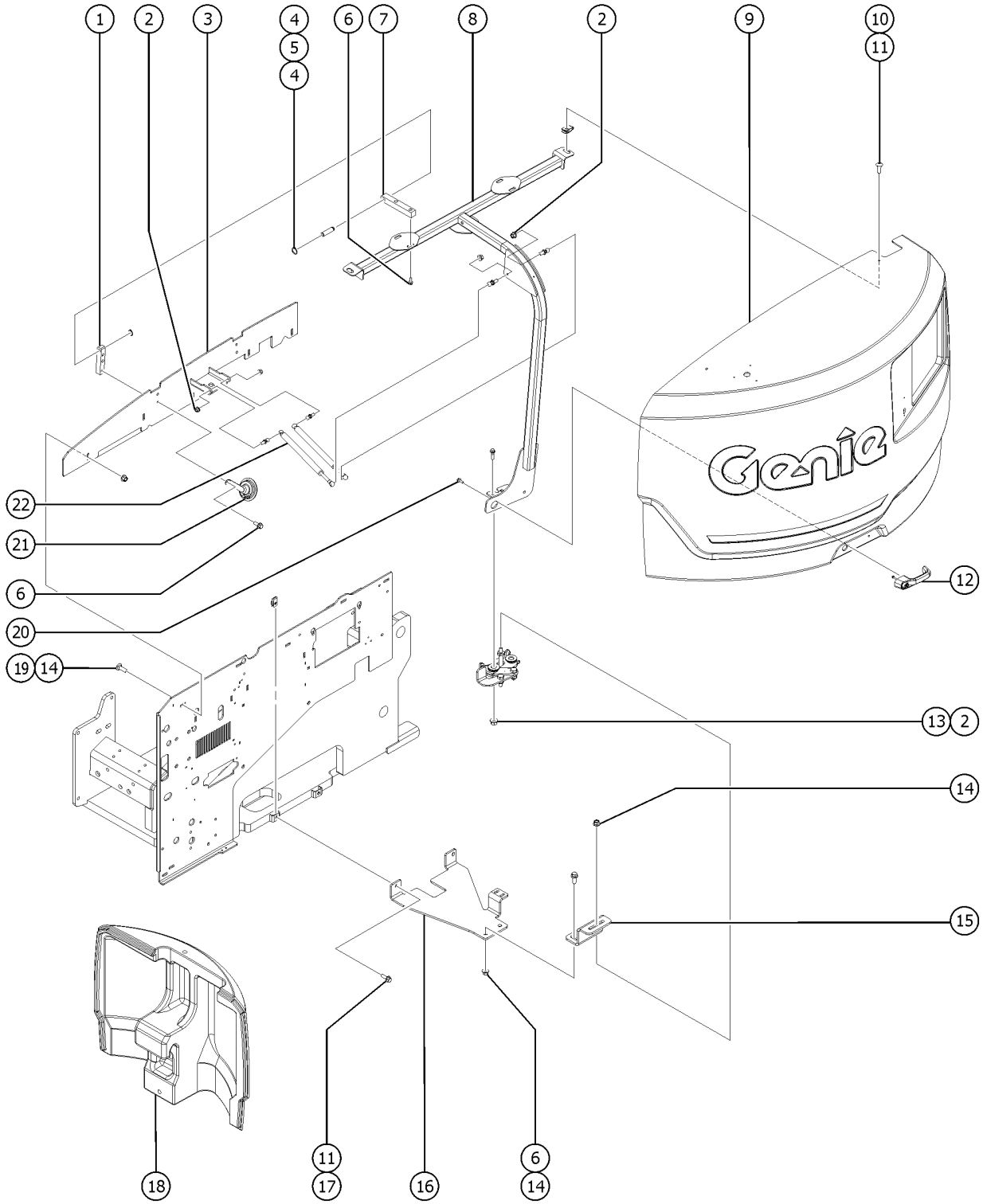
310.1 Turntable Cover, Tank Side



310.1 Turntable Cover, Tank Side

Item	Part No.	Description	Qty.
1	824079GT	SCREW,HHF,1/4-20X1,8,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	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	PUSH RETAINER 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

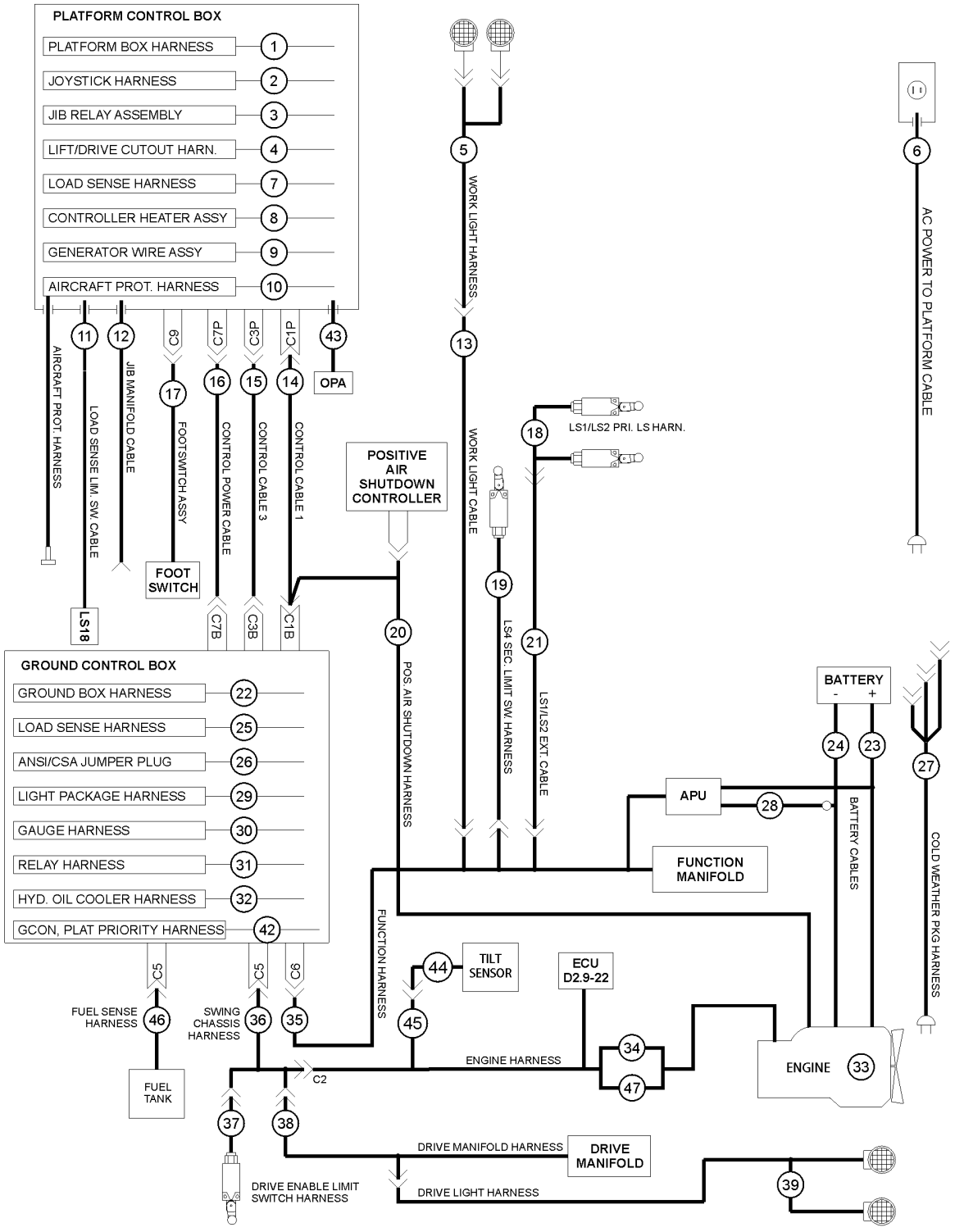
310.2 Turntable Cover, Tank Side (Kubota engine option)



310.2 Turntable Cover, Tank Side (Kubota engine option)

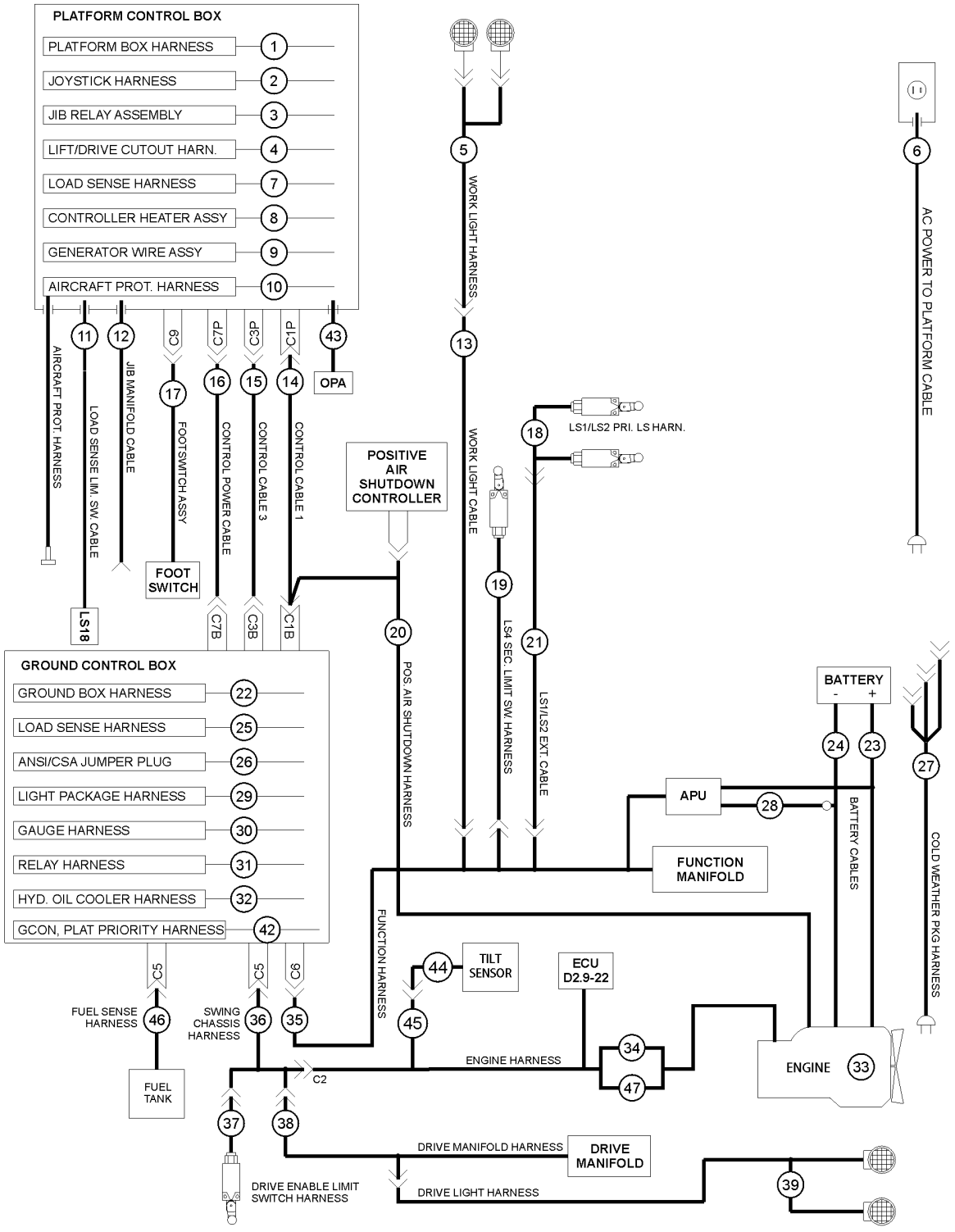
Item	Part No.	Description	Qty.
1	1272710GT	MACHINED,HINGE,20X20X108,0.5 PIN	2
2	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	6
3	1285399GT	WELDMENT,BULKHEAD HINGE	1
4	1256607GT	SNAP RING,EXTERNAL,1/2,ZAG	4
5	1272707GT	PIN,HINGE,0.5 X 2.08LG,2 RING	2
6	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	10
7	1272709GT	MACHINED,HINGE,20X20X134,0.5 PIN	2
8	1285157GT	WELDMENT, COVER SUPPORT, TANK SIDE	1
9	1284539GT	COVER,TANK SIDE,Z45XC	1
10	1261836GT	SCREW, THM, TORX, 3/8-16X1,SS	2
11	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	2
12	1256054GT	HANDLE, YELLOW LOCKING, CODE 455	1
13	824087GT	SCREW, HHF, 5/16-18 X 1.25, 8, ZAG	2
14	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
15	1272714GT	FORMING, MOUNT, STIKER	1
16	1272713GT	MOUNT, HANDLE	1
17		Ref. Screw,HHF,3/8-16X.75,8,ZAG refer to 302.1	
18	1309181GT	COUNTERWEIGHT,Z45 IC	1
19	1255757GT	BOLT,CARRIAGE,3/8-16X1.25,5,ZAG	5
20	231532GT	SCREW,HHF,M6-1.0X20,DIN6921,10.9,ZAB	2
21	81578GT	HORN,12VDC,SPADE TERMINALS	1
22	139241GT	STRUT,GAS,14",200LBS.	1

311.1 Wire Harness Diagram



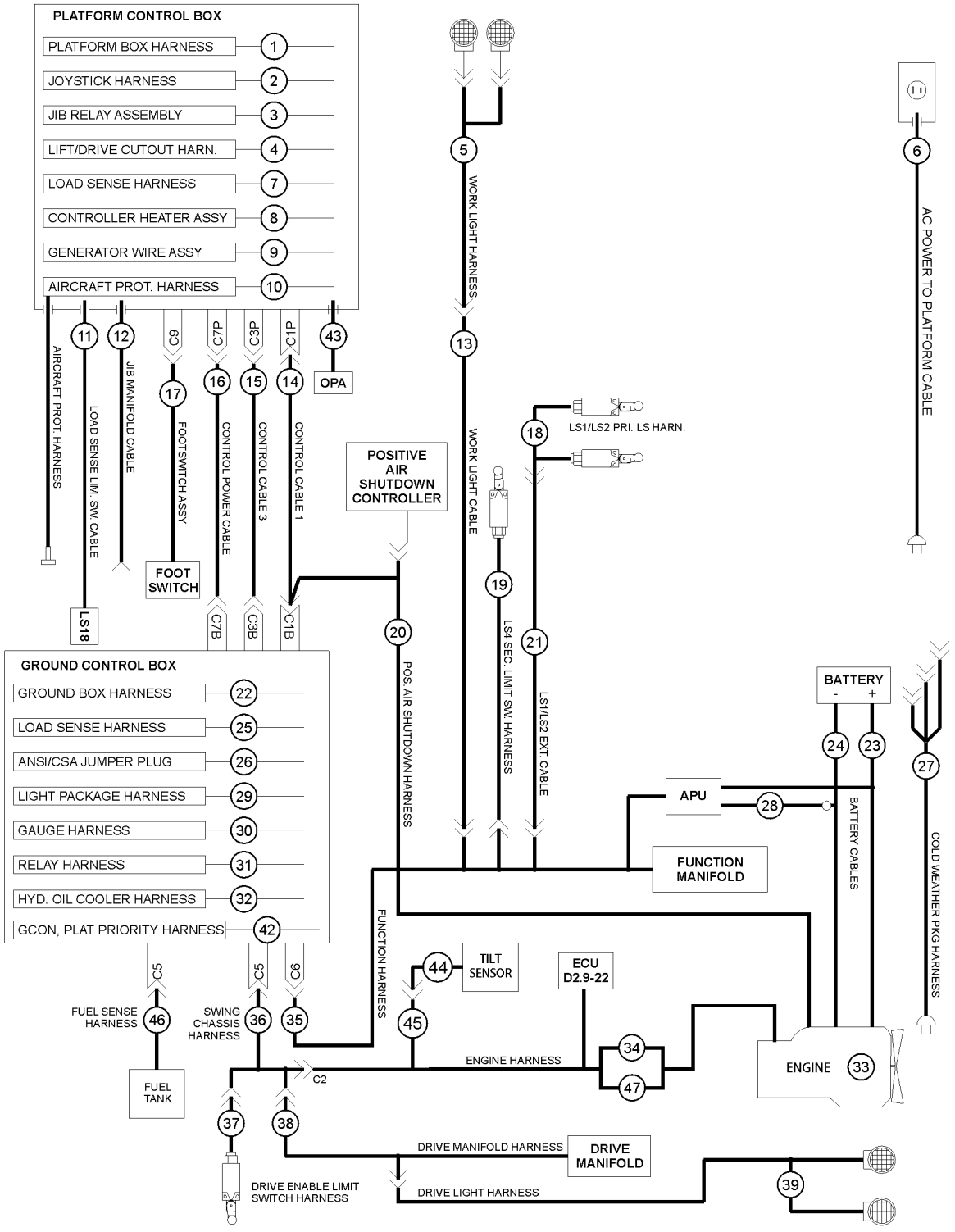
Item	Part No.	Description	Qty.
1	1262313GT	HARNESS, PBOX	1
2	218781GT	HARNESS,JOYSTICK	1
3	219843GT	HARN,JIB OPTION,PBOX,Z45/Z51	1
4	219670GT	HARN,LIFT/DRIVE CUTOUT,Z45IC/Z51	1
5	T114627GT	HARNESS,12V WORK LIGHTS	1
6	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL Z-45/25	756
6B	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL Z-45/25J	797
7	218657GT	HARN,JUMPER,LOAD SENSE,PBOX	
8		ASSY,ALC500 HEATER,Z45/Z51 (219683) component no longer available	1
9	219672GT	HARNESS,GENERATOR,PBOX,Z45/51	
10	1262314GT	HARNESS, PBOX, PROX KILL	1
10-	27391GT	PROXIMITY SENSOR***	1
11	147786GT	ASSY, LS, LOAD SENSE, 89 IN Z45/25, CE and Australia	1
11B	121848GT	ASSY,LS,LOAD SENSE,38.5 IN Z45/25J, CE and Australia	1
12	101080GT	HARNESS,JIB SELECT MANIFOLD	1
13	160554GT	HARN,CABLE,WORK LIGHTS,Z45 Z-45/25 and Z-45/25J	1
14	217899GT	HARN,CONTROL CABLE1,Z45 Z45/25	1
14B	217896GT	HARNESS,CONTROL CABLE 1,JIB Z45/25J	1
15	217900GT	HARN,CONTROL CABLE3,Z45 Z45/25	1
15B	217897GT	HARNESS,CONTROL CABLE 3,JIB Z45/25J	1
16	217901GT	HARN 12/3 CABLE2,Z45 Z45/25	1
16B	217898GT	HARN,CABLE,POWER TO PLAT,Z45J Z45/25J	1
17	227617GT	ASSEMBLY,FOOT SWITCH	1
18	88725GT	HARNESS,LS,PRIM/EXT	1
19	218684GT	HARNESS,LS SEC UP/DOWN	1
20	219681GT	HARN,POS. AIR SHUTDOWN,Z45IC (option)	1
21	218685GT	HARNESS,LS EXTEND PIGTAIL	1
22	1262312GT	HARNESS, GBOX	1

311.1 Wire Harness Diagram



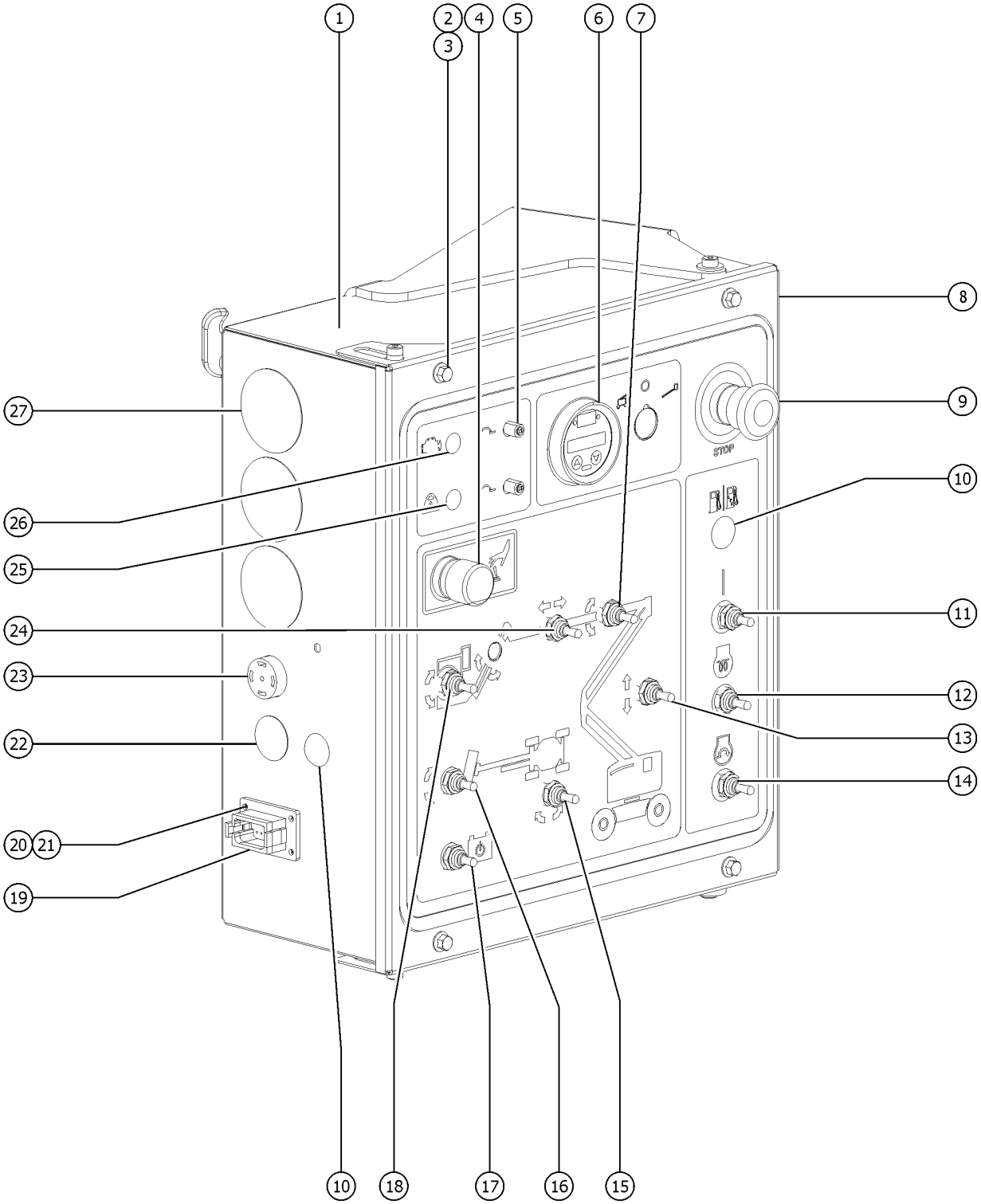
Item	Part No.	Description	Qty.
22A-	36899GT	SPLICE,PARALLEL,RED,INSULATED	
22A-	56445GT	DIODE,6 AMP 200 PIV,REEL	
22B	1255663GT	HARNESS,GBOX,T4,Z45 (for models with Deutz D2.9L engine)	1
22B-	36899GT	SPLICE,PARALLEL,RED,INSULATED	
22B-	56445GT	DIODE,6 AMP 200 PIV,REEL	
22C	1281662GT	HARNESS, GBOX SP, Z45IC CN3	1
23	218454GT	BATTERY CABLE,POSITIVE,RED to SN Z4525D-1207	1
23B	1263547GT	BATTERY CABLE POSITIVE,RED (from SN Z4525D-1208 to SN Z4525D-4139)	1
23C	1306680GT	BATTERY CABLE POSITIVE,RED (from SN Z4525D-4140)	1
24	218455GT	BATTERY CABLE,NEGATIVE,BLACK to SN Z4525D-1207, (for models with Deutz D2.9L4 and Perkins 404D-22 engines)	1
24B	1263548GT	BATTERY CABLE, NEGATIVE, BLK from SN Z4525D-1208 to SN Z4525D-4139 , (for models with Deutz D2.9L4 and Perkins 404D-22 engines)	1
24C	1306681GT	BATTERY CABLE, NEGATIVE, BLK from SN Z4525D-4140, (for models with Deutz D2.9L4 and Perkins 404D-22 engines)	1
24D	1296945GT	BATT CABLE 2/0 NEG BK Z45IC (for models with Deutz D2011 and Deutz D436 engines)	1
24E	1309726GT	BATT CABLE 2/0 NEG BK Z45IC (for models with Kubota D1105 engine)	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	1263546GT	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	1303383GT	HARNESS ASSY,RELAY D2.9,Z45 (for models with Deutz D2.9L4 engines)	1
31C	1281661GT	HARNESS, GBOX RELAY, Z45IC CN3	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	

311.1 Wire Harness Diagram



Item	Part No.	Description	Qty.
34	217902GT	HARN PERKINS ENGINE Z45-2012 for models with Perkins 404D-22 engines	1
34B	216339GT	HARN DEUTZ ENGINE Z45-20 for models with Deutz D2011L03	1
34C	822049GT	HARNESS, Z45 DEUTZ D2.9 for models with Deutz D2.9 engines	1
34D	1309549GT	HARNESS,KUBOTA ENGINE Z45IC for models with Kubota D1105 engine	1
35	217957GT	HARN, FUNCTION MANIFOLD,Z45IC	1
36	217782GT	HARN,SWING CHASSIS,Z45IC/Z51	1
37	110160GT	HARNESS,LS,D.E. Z45	1
38	217904GT	HARN BRAKE-MS ADAPTER CABLE	1
39	219684GT	HARN,DRIVE LIGHTS,Z45/Z51	1
40	1261298GT	HARNESS ASSY,GCON,PLAT PRTY	1
41	1255555GT	HARN,PBOX,OPA,HW,12V option	1
41B	1255030GT	PLUG,BLANKING	1
42	94077GT	SENSOR,LEVEL,4.5 DEG	1
42B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 to Z45D-1698	1
42C	1263187GT	SENSOR, LEVEL,2.5 X 4.5 DEG from Z45D-1699	1
43	1261844GT	HARNESS, TILT 12V, CSA	1
43B	1285811GT	KIT,TILT ALARM,IC MODELS	
43B-	1285689GT	INSTRUCTIONS,INSTALL (LEVEL SENSOR ALARM) for kit 1285811	
44	1272909GT	HARNESS, FUEL SENSE, Z45IC FAMILY	1
45	1281663GT	HARNESS, EXTENSION ENGINE, Z45IC CN3 for models with Deutz D436 engine	1

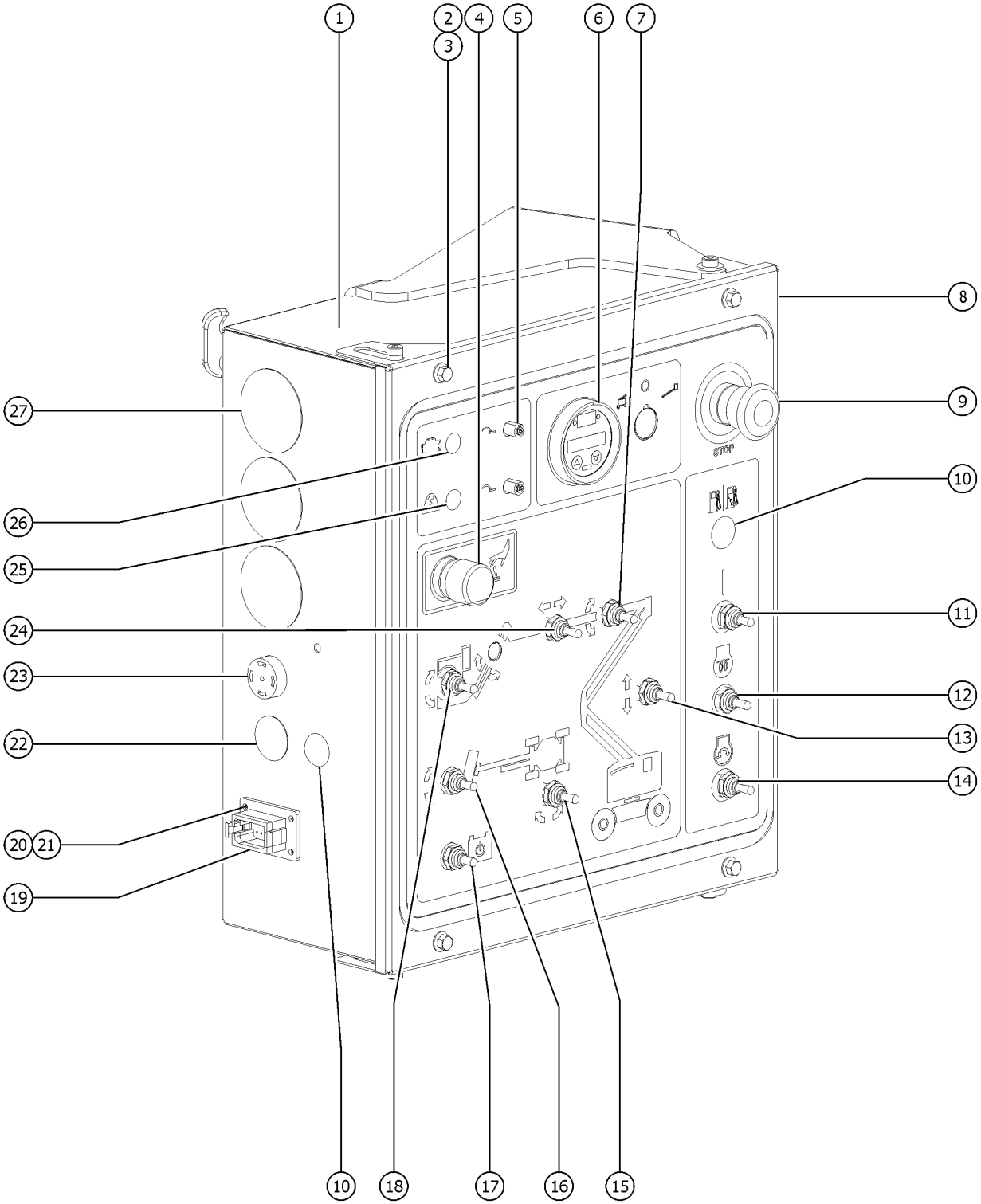
312.1 Ground Control BOX, Z-45 DIESE, CN3, CE, View1



312.1 Ground Control BOX, Z-45 DIESE, CN3, CE, View1

Item	Part No.	Description	Qty.
-	214932GT	DECAL,GROUND CONTROL PANEL	1
A	1281791GT	ASSY, GROUND CONTROL BOX, Z45IC CN3	1
1	218759GT	GROUND CONTROL BOX	1
2	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	4
3	T107520GT	NUTSERT,LP KNURLED,1/4-20X.165	4
4	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
5	147090GT	CIRCUIT BREAKER, 15A	2
6	1271076GT	DISPLAY,DIAGNOSTIC,J1939	1
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom up/down	1
8	139804GT	LID,GROUND CONTROL BOX	1
9	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
10	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	2
11	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Pre-heat switch	1
13	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Secondary boom up/down	1
14	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine start switch	1
15	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Turntable rotate	1
16	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform rotate	1
17	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Emergency lowering	1
18	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform level	1
19	1295048GT	HARNESS,GBOX SP,Z45IC CN3	1
20	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	4
21	824019GT	NUT, TL, 6-32, A, ZAG	4
22	45385GT	PLUG,NYLON 1.12 BLACK DOMED	1
23	39540GT	ALARM, STEADY TONE***	1
24	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom Ext/Ret	1
25	218165GT	LIGHT,INDICATOR,RED 12V H-BRI	1
26	45384GT	PLUG,NYLON .50 BLACK DOMED	1

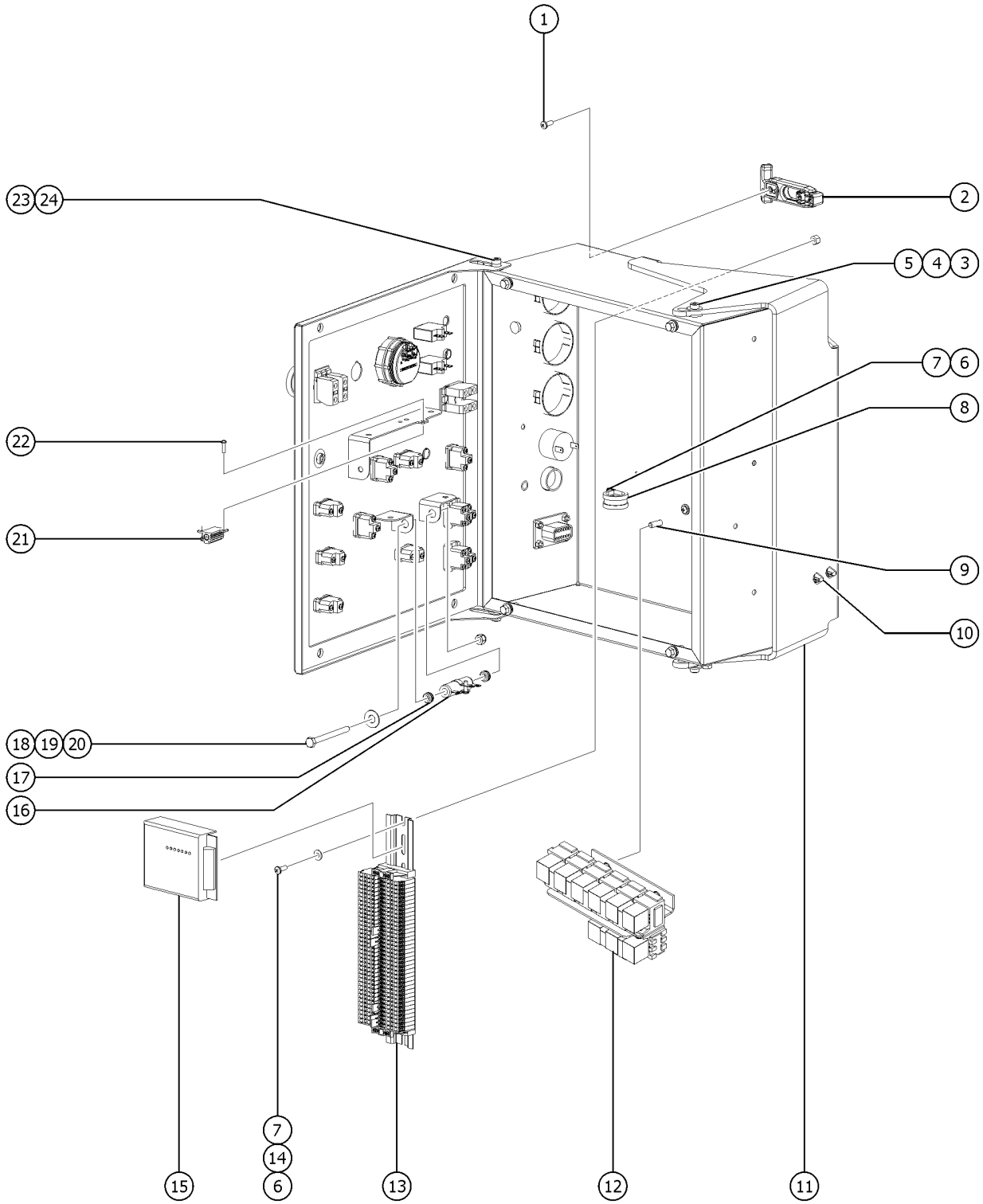
312.1 Ground Control BOX, Z-45 DIESE, CN3, CE, View1



312.1 Ground Control BOX, Z-45 DIESE, CN3, CE, View1

Item	Part No.	Description	Qty.
27	81900GT	PLUG,NYLON 2.093 BLACK DOMED	3

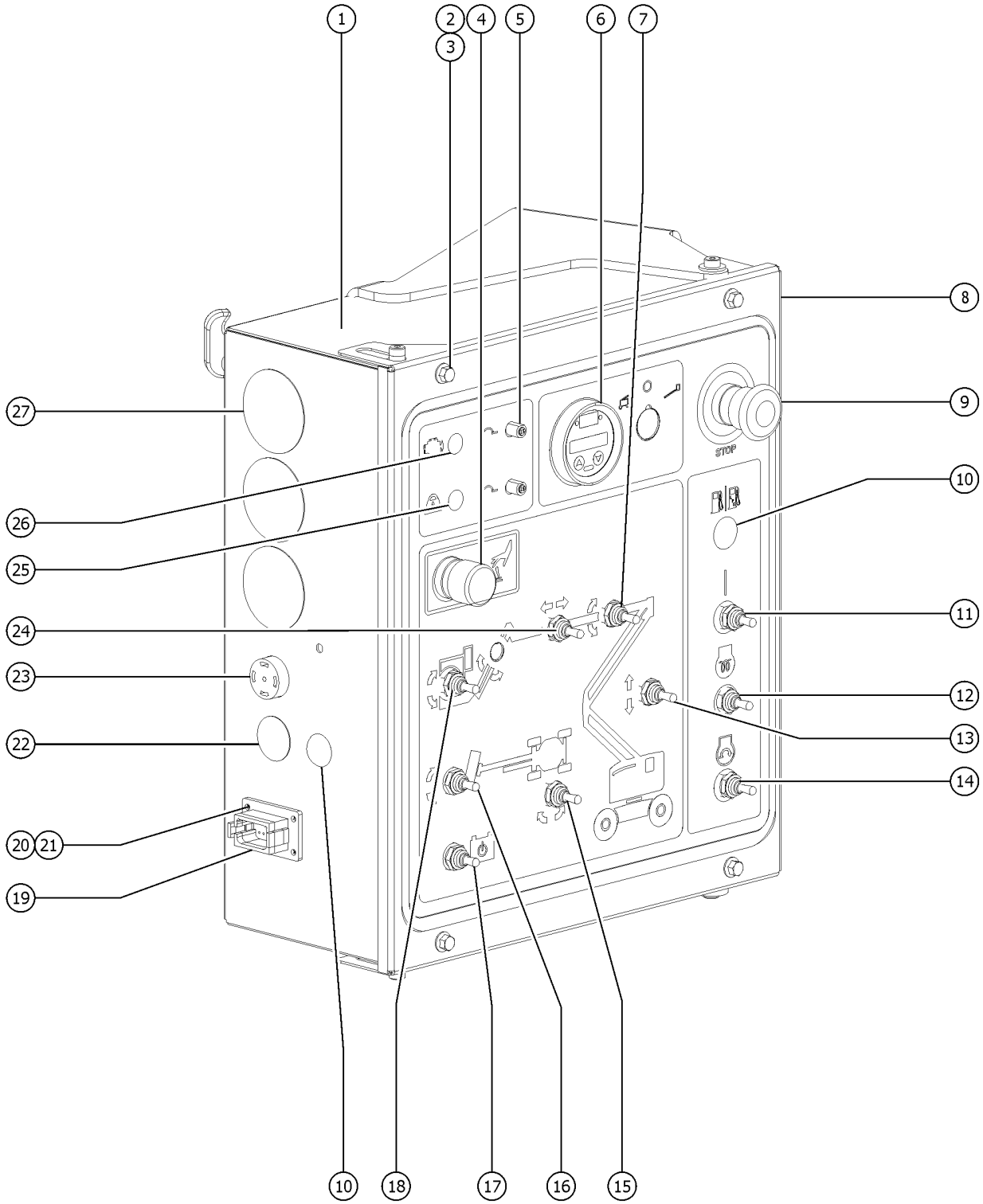
313.1 Ground Control BOX, Z-45 DIESE, CN3, CE, View2



313.1 Ground Control BOX, Z-45 DIESE, CN3, CE, View2

Item	Part No.	Description	Qty.
1	1256479GT	SCREW,PHPM,10-24X.50,ZAG	1
2	56053GT	LATCH,FLEXIBLE DRAW	1
3	218466GT	SCREW,SHS,1/4-20X.5 ZINC	2
4	824113GT	WASHER,FLAT,USS,1/4,ZAG	2
5	218449GT	WASHER,SHOULDER,NYLON	2
6	1251757GT	SCREW,PHPM,10-32X.50,ZAG	3
7	824036GT	NUT, TL, 10-32, A, ZAG	3
8	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
9	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
10	105214GT	CABLE TIE MOUNT, WINGED	2
11	147011GT	BRACKET,CONTROL BOX MOUNTING	1
12	1281661GT	HARNESS, GBOX RELAY, Z45IC CN3	1
13	217812GT	ASSY, TERMINAL RAIL, Z45IC	1
14	1253185GT	WASHER,FLAT,#10,USS,ZAG	2
15	56057GT	MODULE,IGNITION/START,12/24V	1
16	101010GT	RESISTOR,20 OHMS,25W,ADJ***	1
17	42646GT	GROMMET,RUBBER .25 X .50"OD	2
18	12343GT	SCREW,HHC,1/4-20 X 3	1
19	5397GT	WASHER, FLAT, USS, 5/16-18	1
20	6091GT	NUT, NYLOCK, 1/4-20	1
21	89575GT	RESISTOR,7.5 OHM,25 WATT,1PCNT	1
22	824214GT	SCREW,PHPM,6-32X.50,ZAG	2
23	1257410GT	BOLT,SHS,5/16X.375X1/4-20,ZAG	2
24	218449GT	WASHER,SHOULDER,NYLON	2

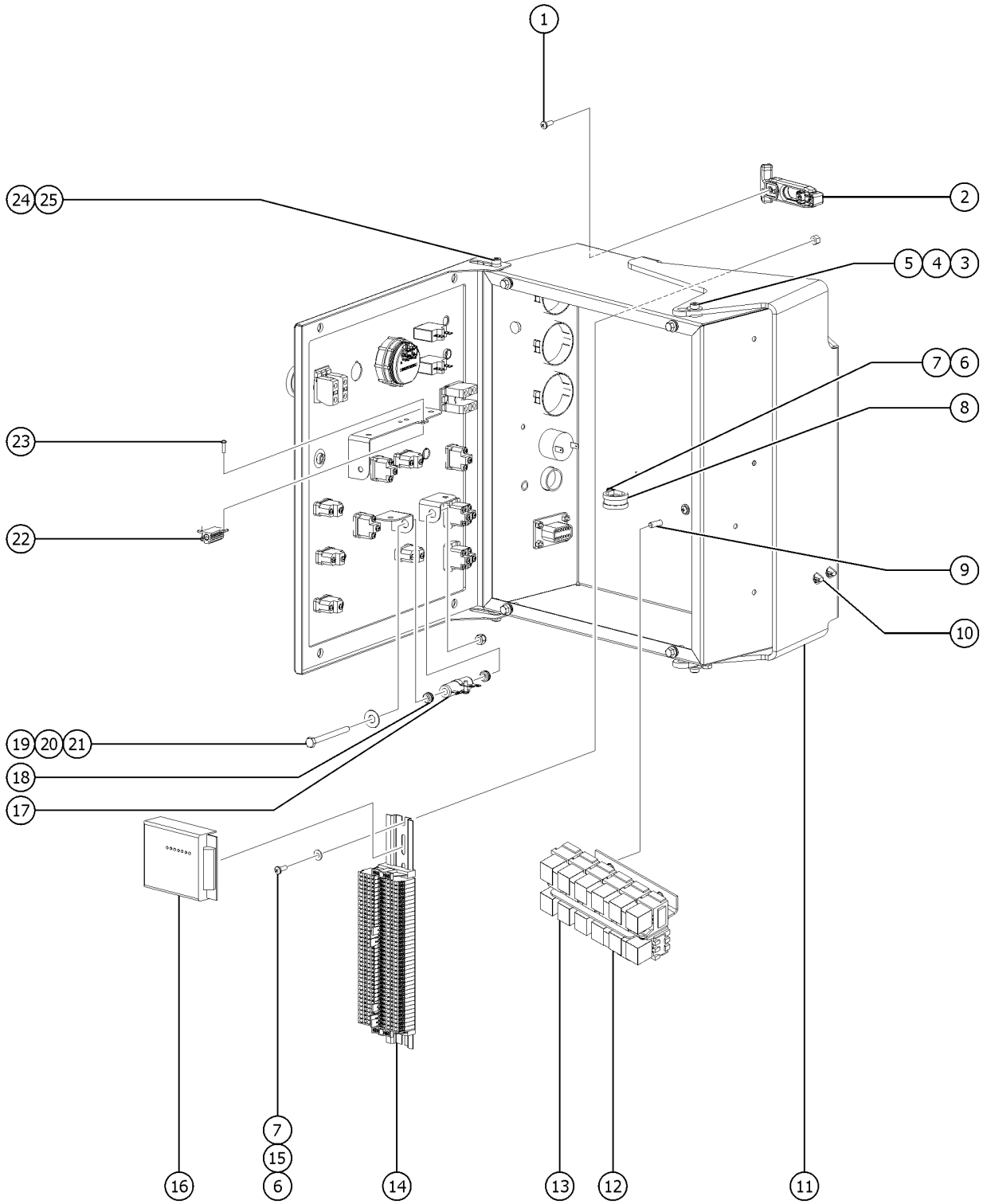
314.1 Ground Control BOX, D436, ANSI, View1



314.1 Ground Control BOX, D436, ANSI, View1

Item	Part No.	Description	Qty.
A	1281791GT	ASSY, GROUND CONTROL BOX, Z45IC CN3	1
1	218759GT	GROUND CONTROL BOX	1
2	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	4
3	T107520GT	NUTSERT,LP KNURLED,1/4-20X.165	4
4	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
5	147090GT	CIRCUIT BREAKER, 15A	2
6	1271076GT	DISPLAY,DIAGNOSTIC,J1939	1
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom up/down	1
8	139804GT	LID,GROUND CONTROL BOX	1
9	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
10	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	2
11	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
13	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Secondary boom up/down	1
14	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine start switch	1
15	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Turntable rotate	1
16	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform rotate	1
17	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Emergency lowering	1
18	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform level	1
19	1295048GT	HARNESS,GBOX SP,Z45IC CN3	1
20	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	4
21	824019GT	NUT, TL, 6-32, A, ZAG	4
22	45385GT	PLUG,NYLON 1.12 BLACK DOMED	1
23	39540GT	ALARM, STEADY TONE***	1
24	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom Ext/Ret	1
25	218165GT	LIGHT,INDICATOR,RED 12V H-BRI	1
26	45384GT	PLUG,NYLON .50 BLACK DOMED	1
27	81900GT	PLUG,NYLON 2.093 BLACK DOMED	3

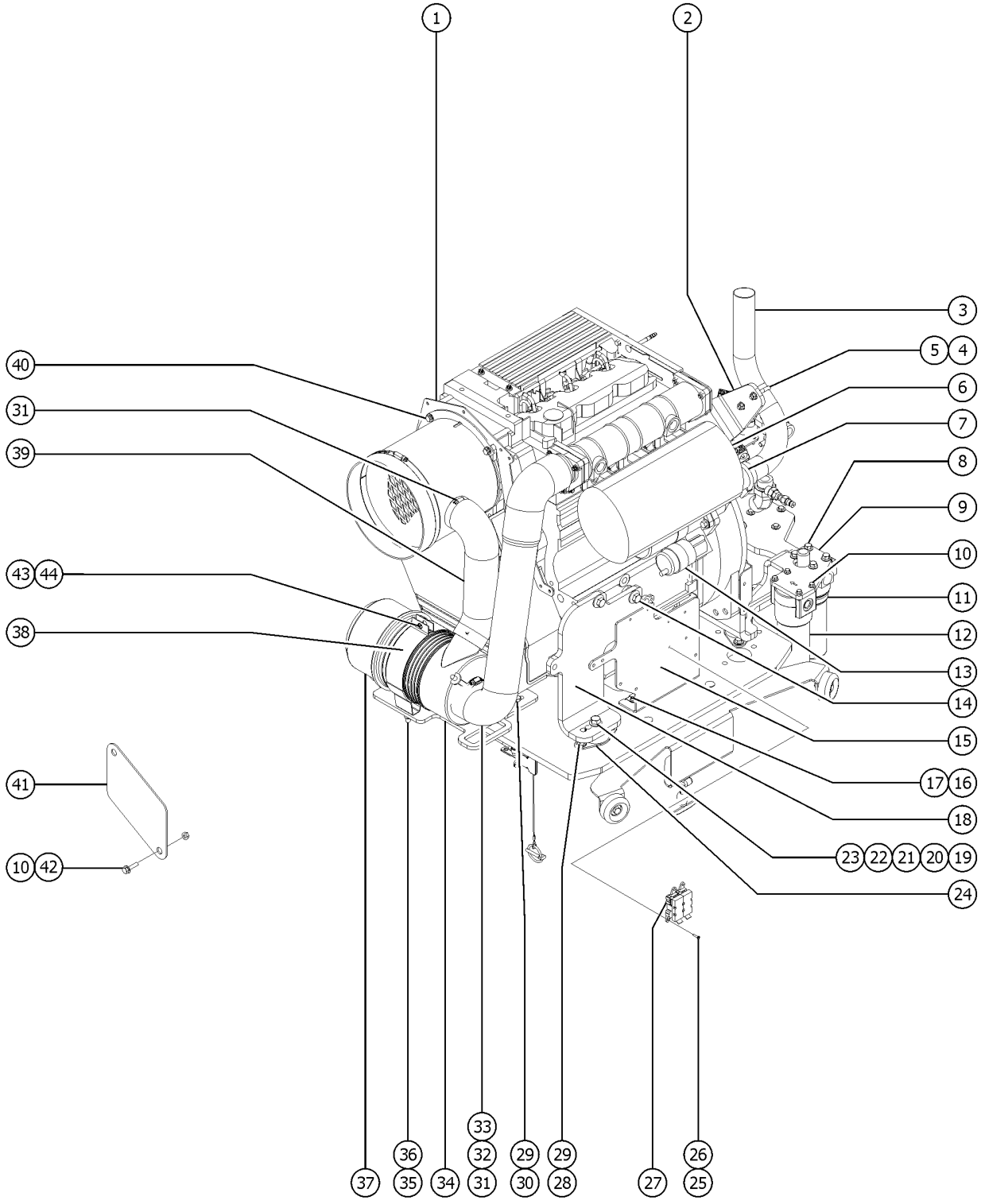
315.1 Ground Control BOX, D436, ANSI, View2



315.1 Ground Control BOX, D436, ANSI, View2

Item	Part No.	Description	Qty.
1	1256479GT	SCREW,PHPM,10-24X.50,ZAG	1
2	56053GT	LATCH,FLEXIBLE DRAW	1
3	218466GT	SCREW,SHS,1/4-20X.5 ZINC	2
4	824113GT	WASHER,FLAT,USS,1/4,ZAG	2
5	218449GT	WASHER,SHOULDER,NYLON	2
6	1251757GT	SCREW,PHPM,10-32X.50,ZAG	3
7	824036GT	NUT, TL, 10-32, A, ZAG	3
8	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
9	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
10	105214GT	CABLE TIE MOUNT, WINGED	2
11	147011GT	BRACKET,CONTROL BOX MOUNTING	1
12	1312603GT	HARNESS,GBOX RELAY, Z45IC	1
13	1303368GT	HARNESS, TILT FUNCTION CUTOUT, ANSI	1
14	217812GT	ASSY, TERMINAL RAIL, Z45IC	1
15	1253185GT	WASHER,FLAT,#10,USS,ZAG	2
16	56057GT	MODULE,IGNITION/START,12/24V	1
17	101010GT	RESISTOR,20 OHMS,25W,ADJ***	1
18	42646GT	GROMMET,RUBBER .25 X .50"OD	2
19	12343GT	SCREW,HHC,1/4-20 X 3	1
20	5397GT	WASHER, FLAT, USS, 5/16-18	1
21	6091GT	NUT, NYLOCK, 1/4-20	1
22	89575GT	RESISTOR,7.5 OHM,25 WATT,1PCNT	1
23	824214GT	SCREW,PHPM,6-32X.50,ZAG	2
24	1257410GT	BOLT,SHS,5/16X.375X1/4-20,ZAG	2
25	218449GT	WASHER,SHOULDER,NYLON	2

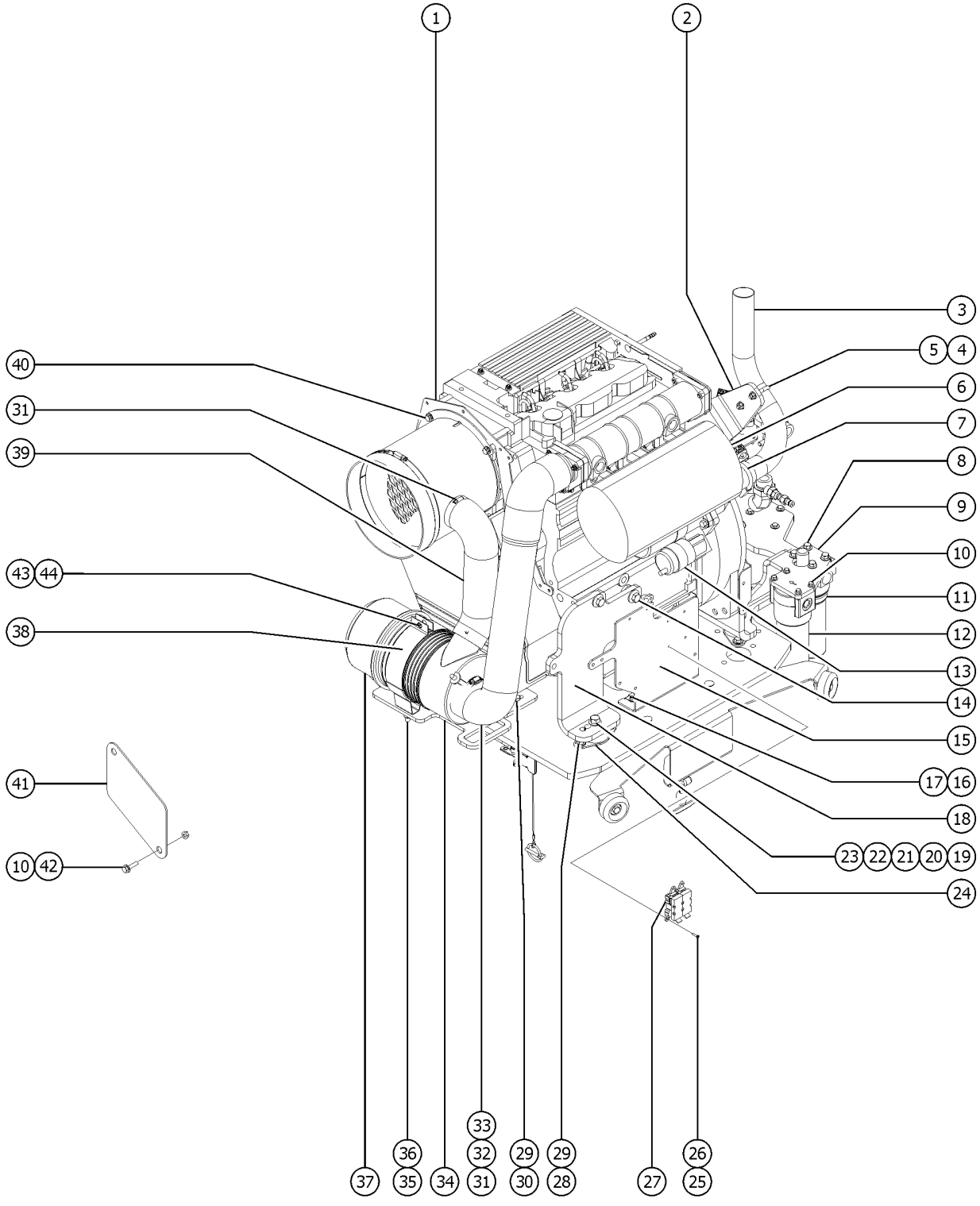
401.1 Deutz D2011L03i Engine, View 1



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 (to Z4525D-4160)	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-	29559GT	GASKET,EXHAUST	
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	1310714GT	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 (to SN Z4525D-7133)	1
12-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807, (to SN Z4525D-7133)	
12B	1314860GT	FILTER ASSEM., MEDI PRESSURE, SAE8 (from SN Z4525D-7134)	1
12B-	1314861GT	ELEMENT-5 MIC, FIBERGLASS, W/ BYPASS for 1314860, (from SN Z4525D-7134)	
13	139709GT	STARTER, 12V	1

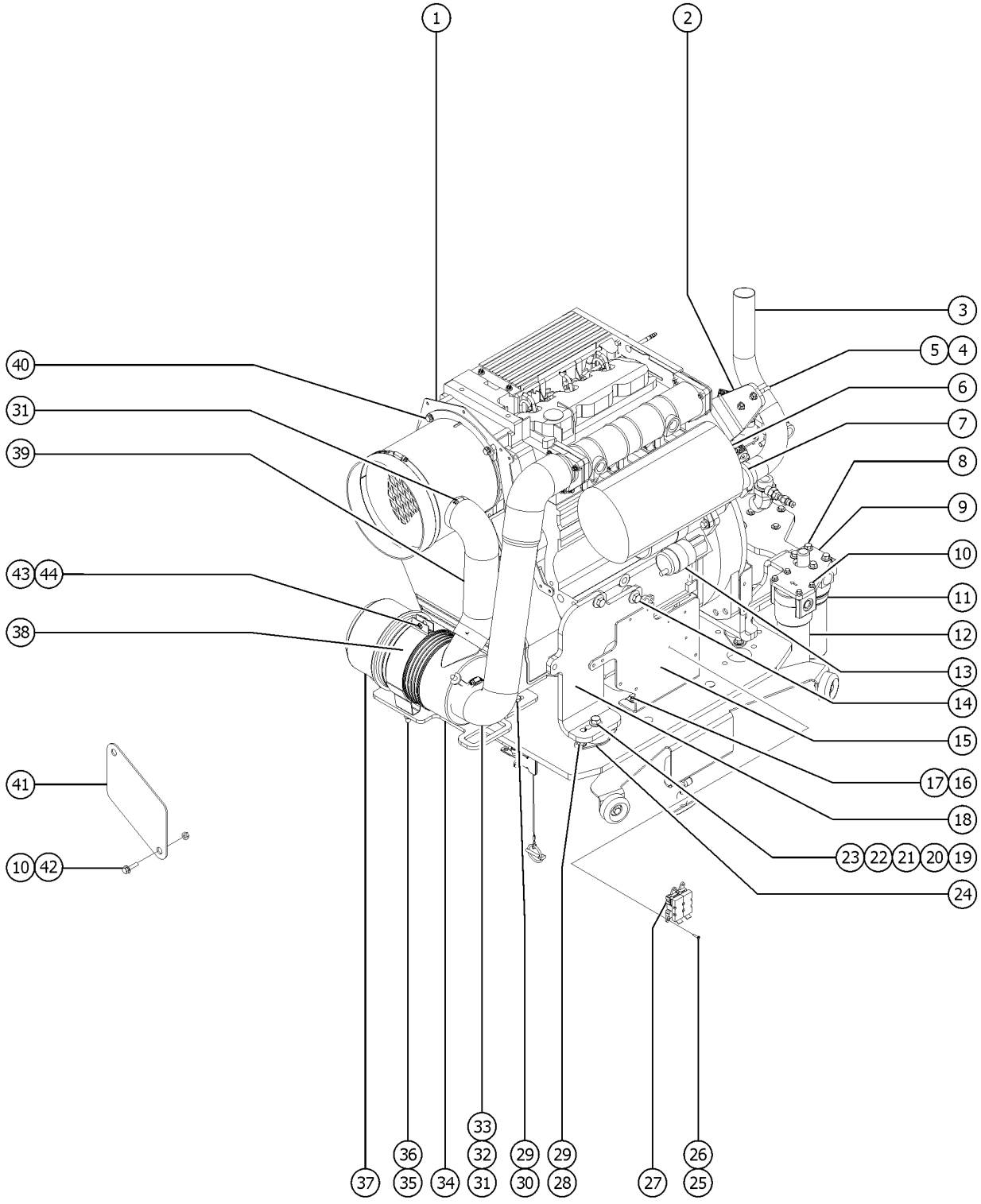
401.1 Deutz D2011L03i Engine, View 1



401.1 Deutz D2011L03i Engine, View 1

Item	Part No.	Description	Qty.
13-	139622GT	HEAT SHIELD,DEUTZ STARTER	
14	1256776GT	SCREW,HHF,M14-2.0X35,DIN6921,10.9,ZAB	3
15	216343GT	MOUNTING BRKT,ELECTRICAL PANEL (to Z4525D-4152)	1
15B	1305612GT	MOUNTING BRKT,ELECTRICAL PANEL (from Z4525D-4153)	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 (to SN Z4525D-4492)	1
19B	1251994GT	SCREW,HHF,1/2-13X3,8,ZAG (from SN Z4525D-4493)	4
20	219991GT	SPACER,19.1 OD X 13.5 ID X 15.9 (to SN Z4525D-4492)	1
20B	1255760GT	WASHER,FLAT,1/2,USS,ZAG (from SN Z4525D-4493)	8
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 (to SN Z4525D-4492)	8
28B	824090GT	SCREW,HHF,3/8-16X1,8,ZAG (from SN Z4525D-4493)	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 (to SN Z4525D-4492)	1
34B	1306750GT	WELDMENT, AIR CLEANER MOUNT (from SN Z4525D-4493)	1
35	824028GT	NUT, TL FLG, 5/16-18, G, ZAG	2

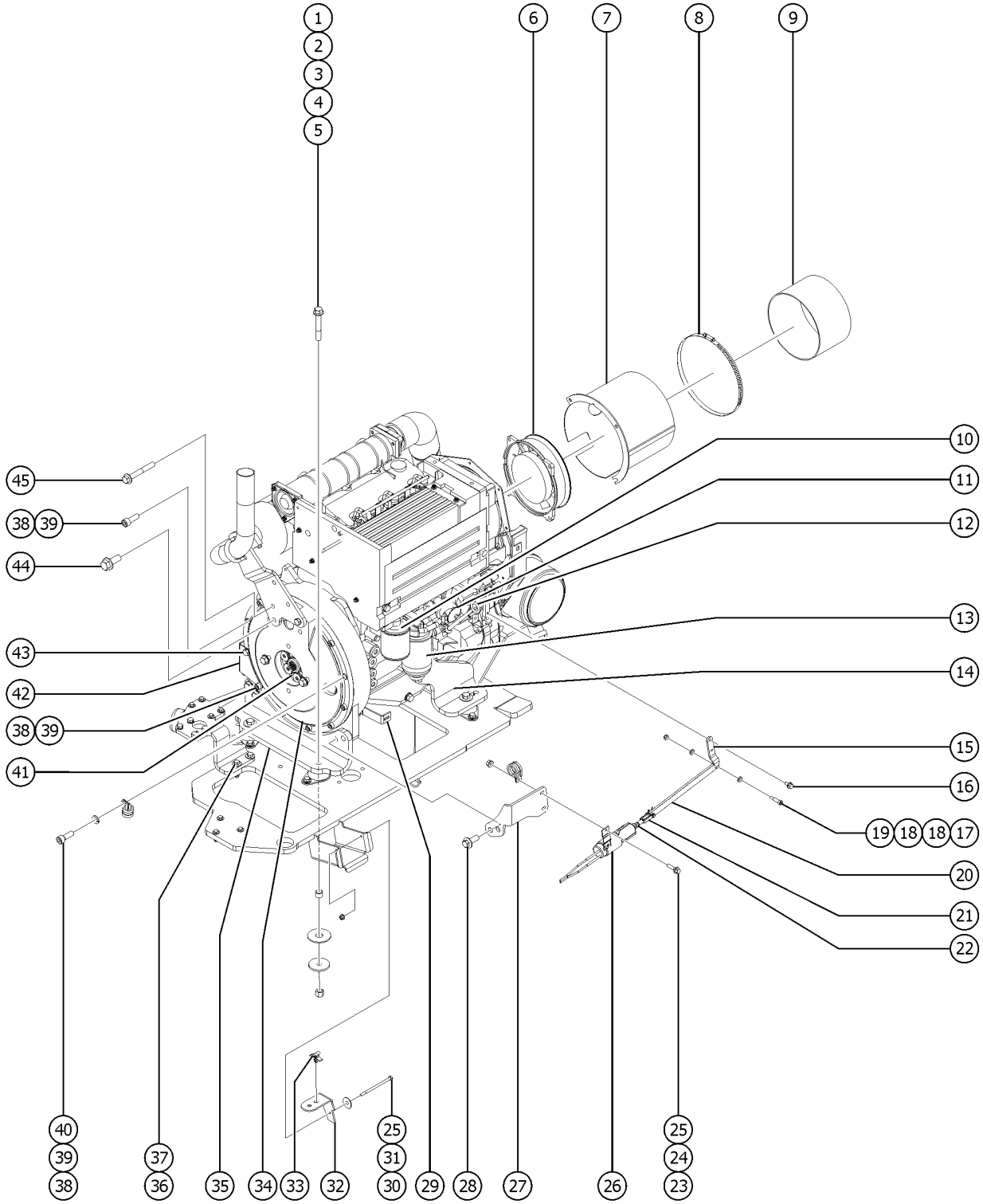
401.1 Deutz D2011L03i Engine, View 1



401.1 Deutz D2011L03i Engine, View 1

Item	*Part No.*	*Description*	*Qty.*
36	1264101GT	SCREW,HHC,5/16-18X1,8,ZAG	2
37	63463GT	AIR CLEANER,NELSON*** plastic housing (to Z4525D-4457)	1
37-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
37-	62420GT	FILTER,AIR***	
37-	65810GT	BAFFLE, AIR CLEANER (27915)**	
37-	52866GT	EVACUATOR VALVE-AIR CLEANER	
37B	1309603GT	AIR CLEANER,DONALDSON,G068664 (from Z4525D-4458)	1
38	53952GT	BRKT,AIR CLEANER ORIENTATION** (to Z4525D-4457)	1
38B	1309604GT	BRKT,AIR CLEANER,DONALDSON (from Z4525D-4458)	1
39	101006GT	TUBE,AIR CLEANER INLET	1
40	1251983GT	SCREW,HHF,M8-1.25X16,DIN6921,10.9,ZAB	2
41	161717GT	COVER,PRECLEANER OPENING	1
42	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	2
43	1255763GT	SCREW,HHF,5/16-18X1.5,8,ZAG (from Z4525D-4458)	1
44	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG (from Z4525D-4458)	1

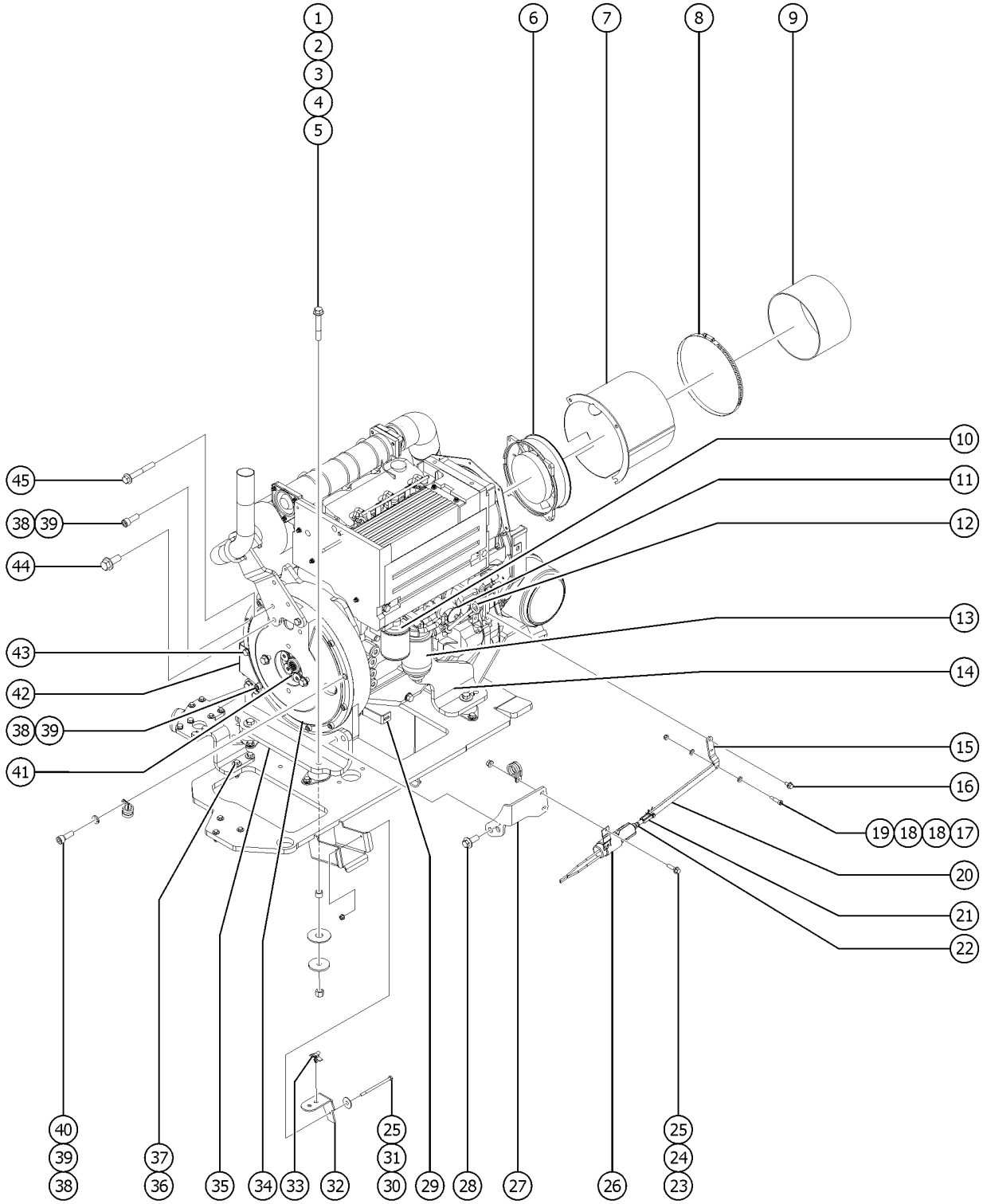
402.1 Deutz D2011L03i Engine, View 2



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 (to SN Z4525D-4492)	3
1B	1251994GT	SCREW,HHF,1/2-13X3,8,ZAG (from SN Z4525D-4493)	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	1285342GT	SHEET,RUBBER,AIR INTAKE	1
10	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
10-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	
11	111668GT	PUMP,FUEL 2011 DEUTZ ***	1
12	52352GT	DIPSTICK-F3L1011F (DEUTZ)	1
13	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
13-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
14	70460PGT	FORMING,ENGINE MOUNT,FR PAINT*	1
15	50787-SGT	LEVER, GOVERNOR ACTUATOR	1
16	1256450GT	SCREW,HHC,M6-1.0X20,DIN933,10.9,ZAB	2
17	1257076GT	BOLT,SHS,1/4-28X4,ZAG	1
18	825355GT	WASHER,FLAT,M6,DIN125,ZAB	2
19	5365GT	NUT,NYLOCK,10-24	1
20	94485GT	THROTTLE LINKAGE,DIESEL***	1
21	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	1
22	824041GT	NUT, 1/4-28, 8, ZAG	1
23	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
24	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1

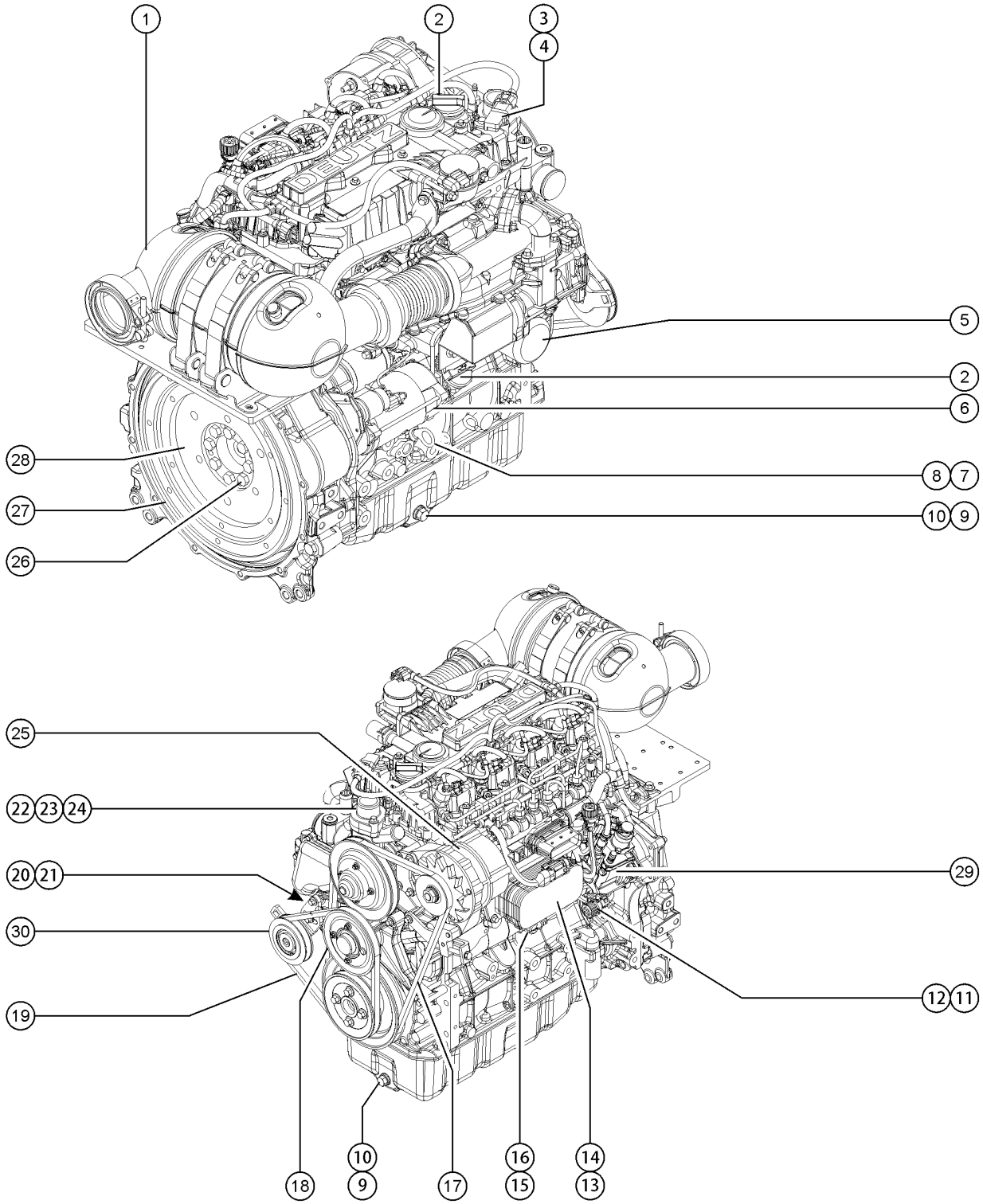
402.1 Deutz D2011L03i Engine, View 2



402.1 Deutz D2011L03i Engine, View 2

Item	Part No.	Description	Qty.
25	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	2
26	161087GT	ASSY,SOLENOID THR_ACT RPM Z45	1
26-	77402GT	SOLENOID,THROTTLE ACTUATOR DSL assy 161087	
27	101129GT	BRACKET,SOLENOID MOUNT	1
28	1251899GT	SCREW,HHF,M14-2.0 X 40,DIN 6921,10.9, ZAB	6
29	77245GT	BRACKET,SOLENOID MOUNT BRACE**	1
29-	1256450GT	SCREW,HHC,M6-1.0X20,DIN933,10.9,ZAB	
29-	1256457GT	WASHER,LOCK, M6,ZAB	
29-	825355GT	WASHER,FLAT,M6,DIN125,ZAB	
30	1256853GT	SCREW,HHF,1/4-20X4.5,8,ZAG (to SN Z4525D-4492)	1
31	824113GT	WASHER,FLAT,USS,1/4,ZAG (to SN Z4525D-4492)	1
32	219353GT	FORMING, FUEL LINE BRACKET (to SN Z4525D-4492)	1
33	105214GT	CABLE TIE MOUNT, WINGED (to SN Z4525D-4492)	2
34	70381GT	COVER,FLYWHEEL CASTING	1
35	214846GT	FORMING,REAR ENGINE MOUNT	1
36	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG	2
37	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
38	1255666GT	SCREW,SHC,M10-1.50X30,DIN912,1	8
39	824142GT	WASHER, LOCK, M10, ZAB	1
40	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	1
41	128004GT	COUPLER,15 TOOTH,FBA,SAE8***	1
41-	1257421GT	SCREW,HHC,M10-1.5X16,DIN933,10.9,ZAB	6
42	216341GT	MOUNT BRKT,POS.BATTERY CABLE	1
43	232871GT	SCREW,HHF,M10-1.5X40,DIN6921,10.9,ZAB	1
44	1255469GT	SCREW,HHF,1/2-13X1.25,8,ZAG	1
45	826008GT	SCREW,HHF,M10-1.5X75,DIN6921,1	2

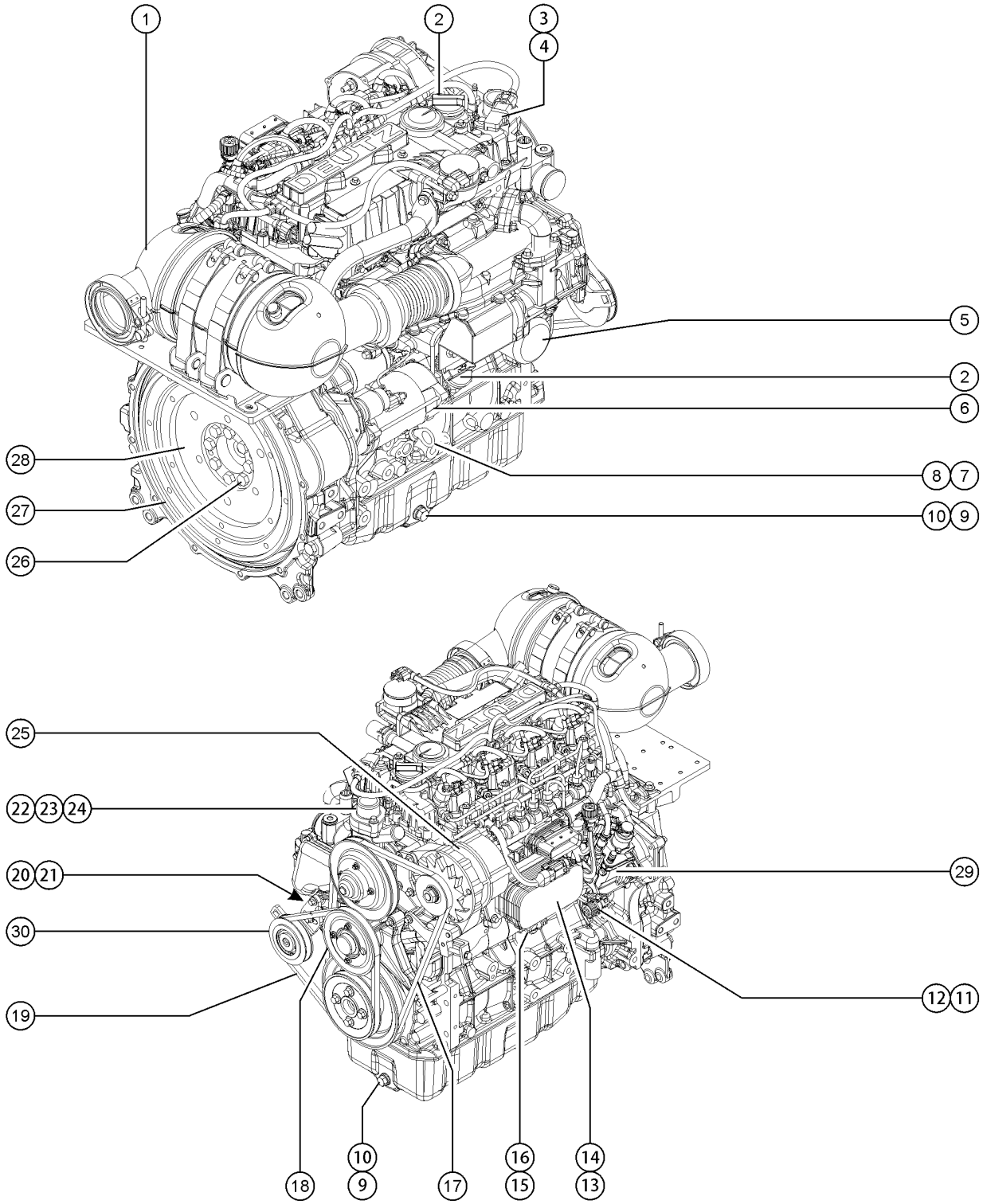
403.1 Deutz D2.9L4 Engine, View 1



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	
M-	96770GT	CLAMP, HOSE, 1 EAR, 11/16	3
N-	822087GT	CLAMP,HOSE,1EAR,25/32	4
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
11	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

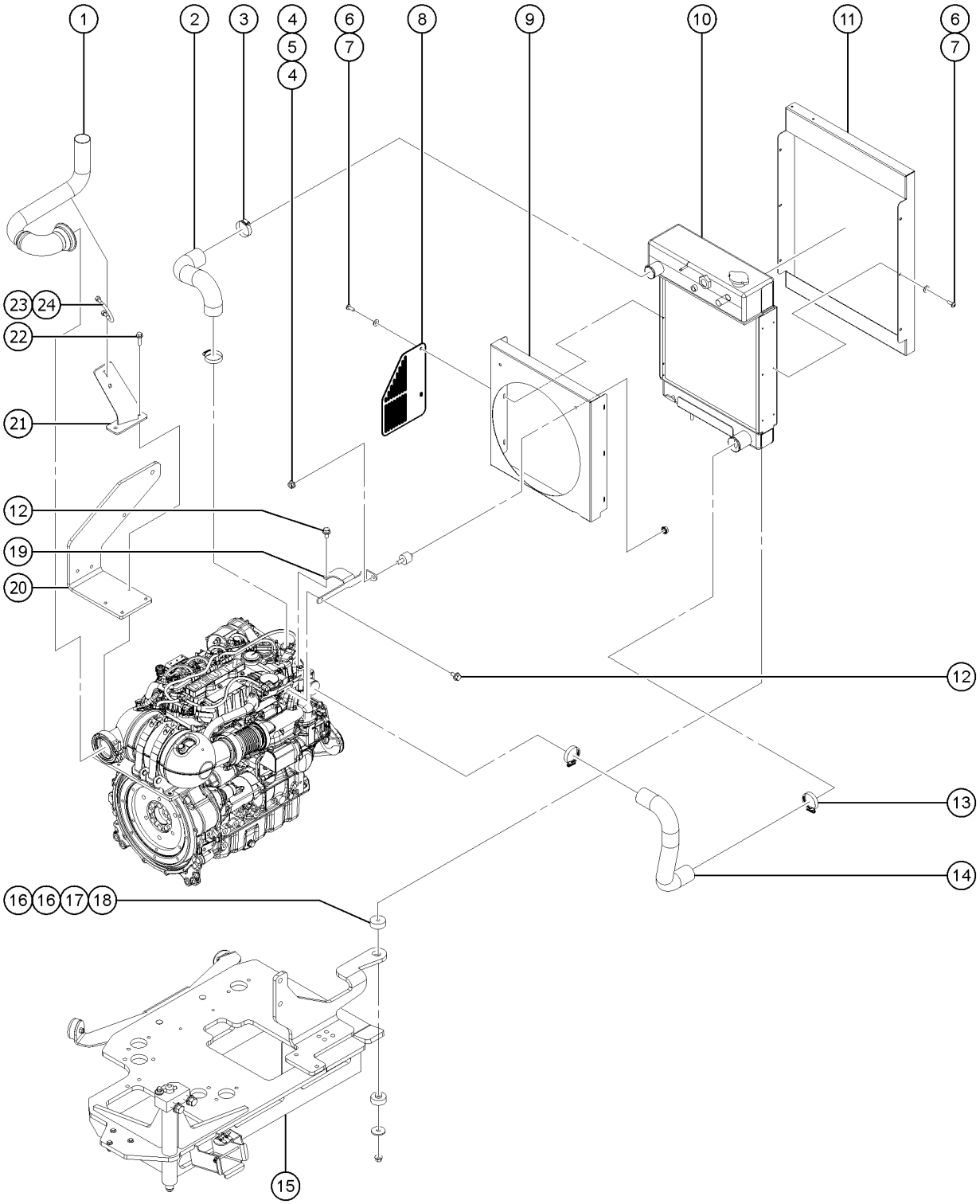
403.1 Deutz D2.9L4 Engine, View 1



403.1 Deutz D2.9L4 Engine, View 1

Item	Part No.	Description	Qty.
13	1262882GT	OIL COOLER, DEUTZ	1
14	1262883GT	GASKET, OIL COOLER, DEUTZ	1
15	1262892GT	SENSOR,OIL PRESSURE,DEUTZ	1
16	1262893GT	O-RING, OIL PRESSURE SENSOR	1
17	1262866GT	FAN BELT, ALTERNATOR	1
18	236248GT	PULLEY ASSEMBLY,ALTERNATOR,TCD3.6	1
19	1262867GT	V-BELT, DEUTZ	1
20	1262899GT	O-RING, CAMSHAFT POSITION SENSOR hidden from view	1
21	1262877GT	THERMOSTAT HOUSING	1
22	1262876GT	THERMOSTAT,DEUTZ	1
23	1262878GT	GASKET, THERMOSTAT HOUSING	1
24	236251GT	ALTERNATOR,95 AMP,DEUTZ TCD3.6	1
25	1262873GT	BOLT, DEUTZ FLYWHEEL	8
26	89785GT	RING GEAR,DEUTZ F3L2011F	1
27	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

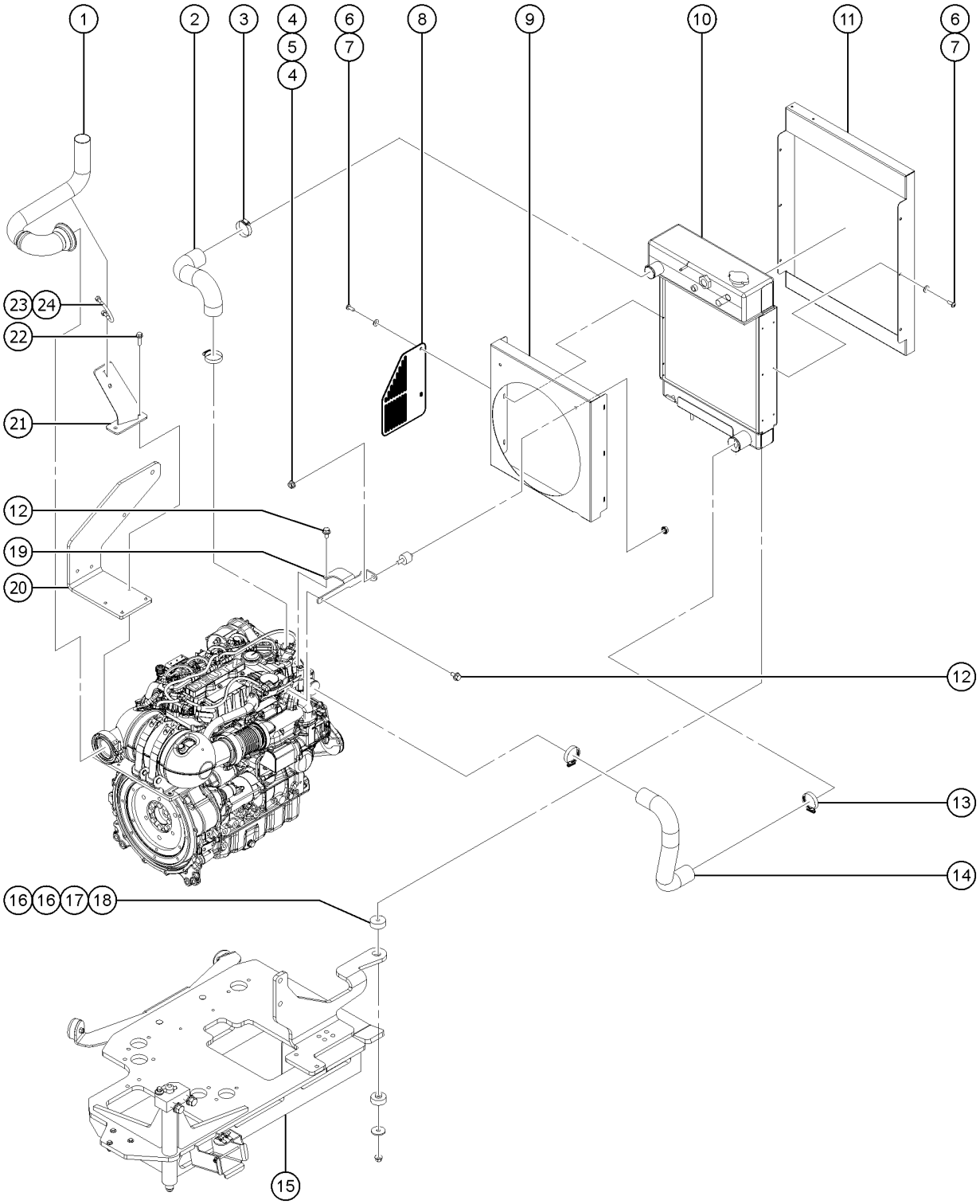
404.1 Deutz D2.9L4 Engine, View 2



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	219437GT	ISOLATOR,VIBRATION	1
6	1256479GT	SCREW,PHPM,10-24X.50,ZAG	10
7	1253185GT	WASHER,FLAT,#10,USS,ZAG	10
8	162063GT	SHEET, FAN GUARD, Z45	1
9	1262324GT	SHROUD, FAN, DEUTZ 2.9L	1
10	1262308GT	RADIATOR/EXPANSION TANK, DEUTZ Use until sotck exhuast, replaced by 1305983	1
10-	1282118GT	HOSE ASSY, RADIATOR VENT	1
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 410.1	
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
20	1255692GT	FORMING,EXPANSION TANK SUPT	1

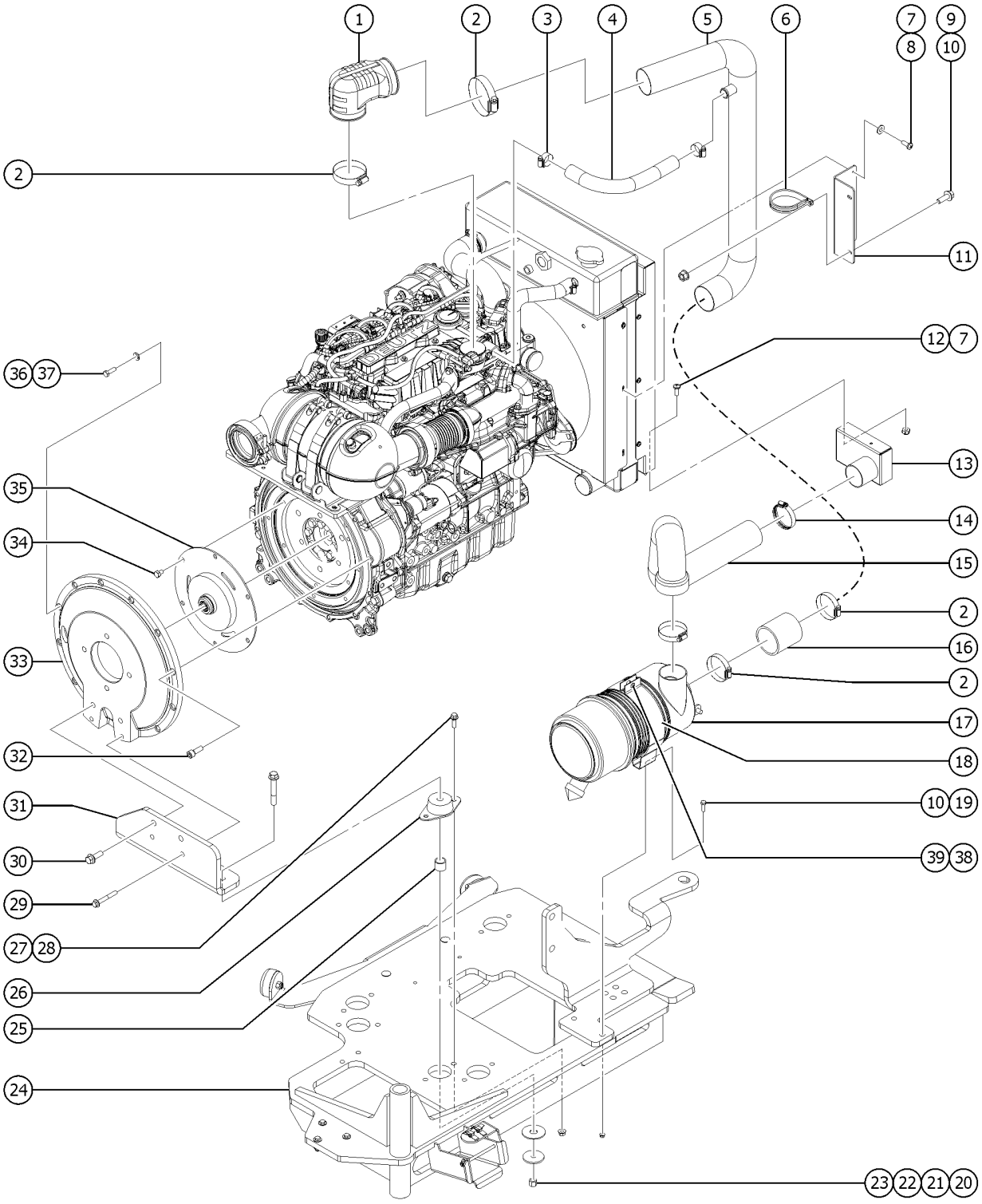
404.1 Deutz D2.9L4 Engine, View 2



404.1 Deutz D2.9L4 Engine, View 2

Item	Part No.	Description	Qty.
21	1296645GT	WEDMENT,DEUTZ TAILPIPE SUPPORT	1
22	824133GT	SCREW,HHF,M8-1.25X25,DIN6921,10.9,ZAB	3
23	80391GT	U-BOLT,5/16 -18 X 2IN**	1
24	1274321GT	NUT,NYLOCK,5/16-18,C,ZAG	2

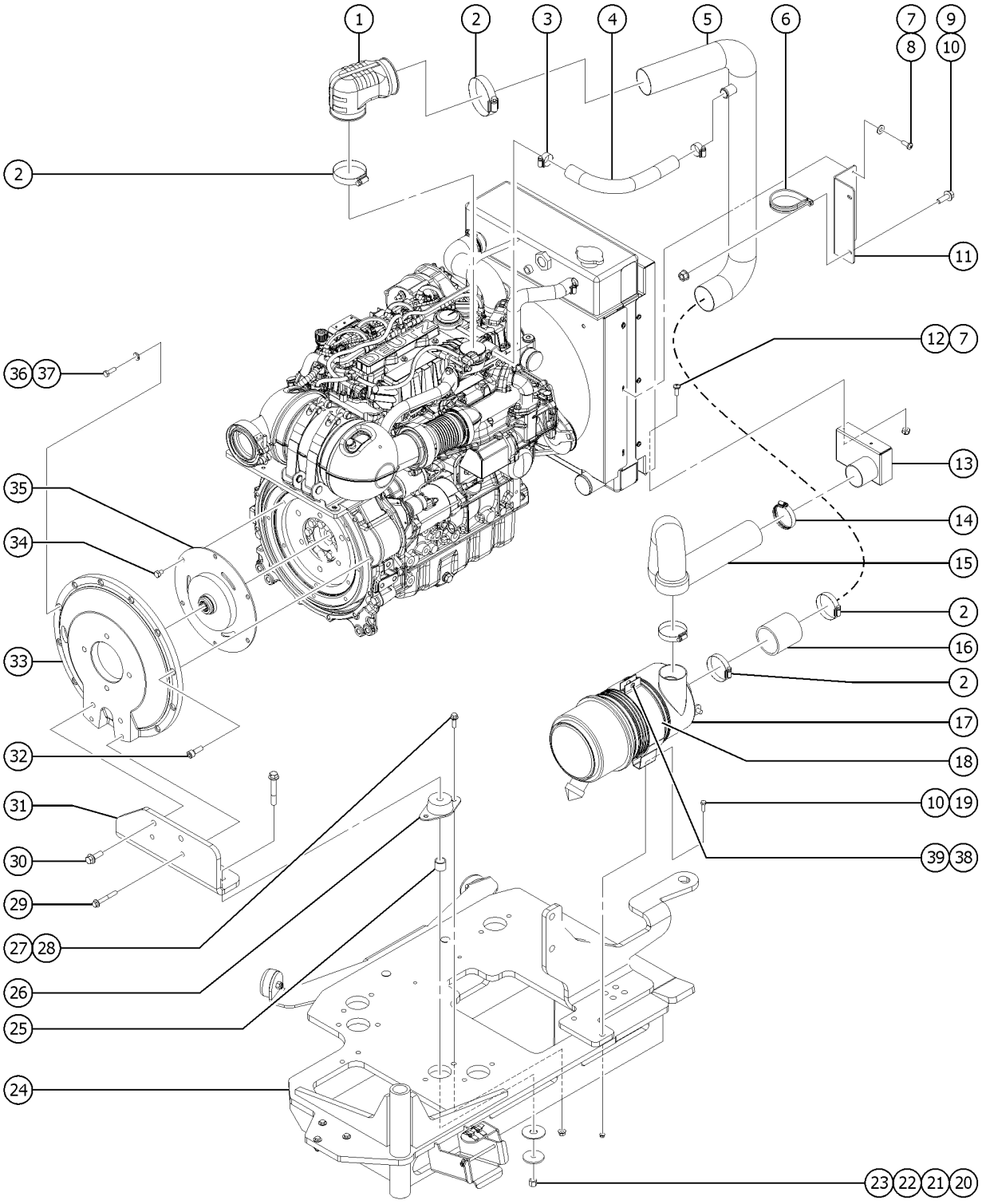
405.1 Deutz D2.9L4 Engine, View 3



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 (toZ4525D-4457)	1
17-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
17-	62420GT	FILTER,AIR***	
17-	65810GT	BAFFLE, AIR CLEANER (27915)**	
17-	52866GT	EVACUATOR VALVE-AIR CLEANER	
17B	1309603GT	AIR CLEANER,DONALDSON,G068664 (from Z4525D-4458)	1
18	53952GT	BRKT,AIR CLEANER ORIENTATION** (toZ4525D-4457)	1
18B	1309604GT	BRKT,AIR CLEANER,DONALDSON (from Z4525D-4458)	1
19	1264101GT	SCREW,HHC,5/16-18X1,8,ZAG	2
20	1256106GT	NUT,TL,1/2-13,C,ZAG	2

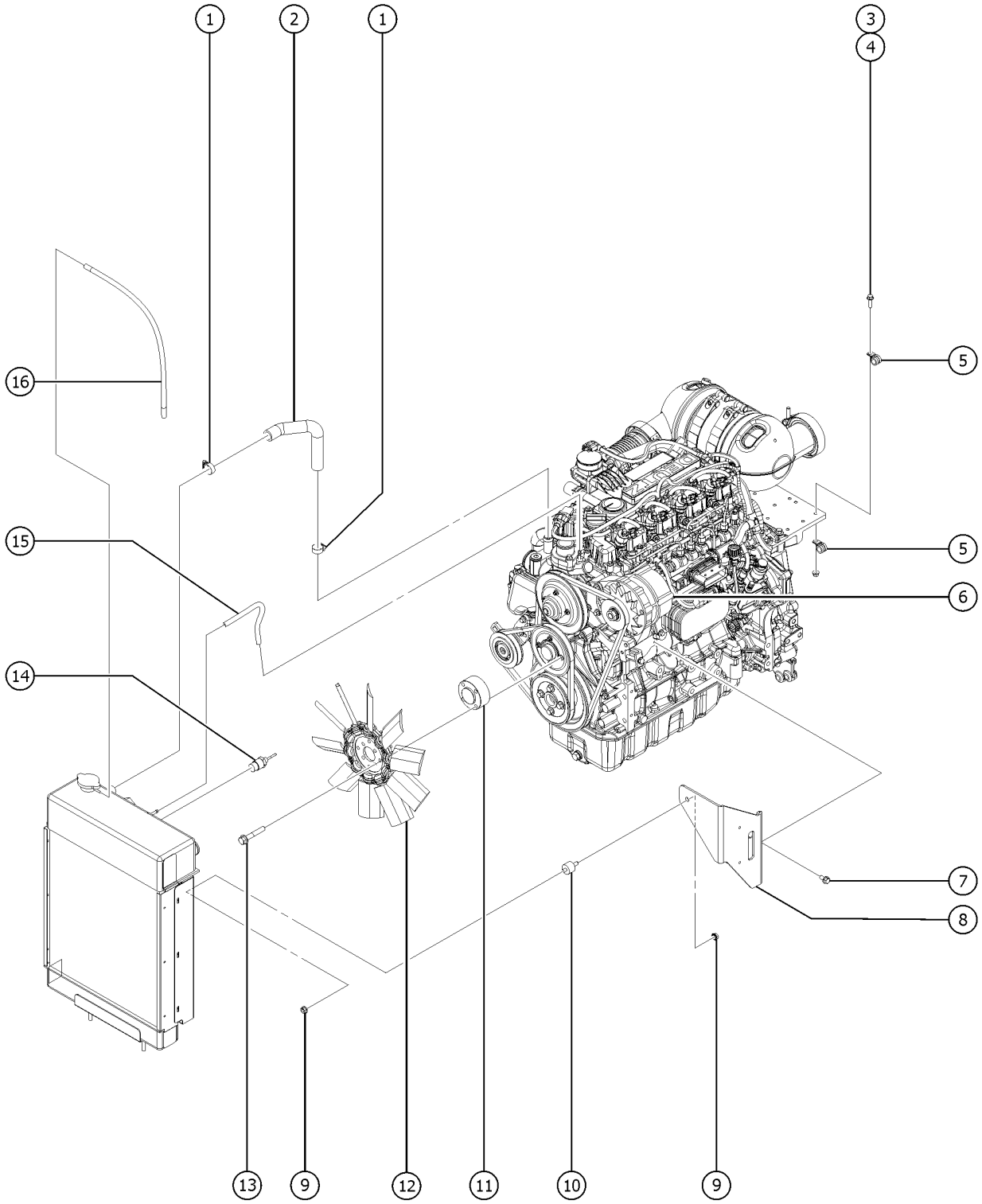
405.1 Deutz D2.9L4 Engine, View 3



405.1 Deutz D2.9L4 Engine, View 3

Item	Part No.	Description	Qty.
21	1256283GT	WASHER,FLAT,.5X2.25X.188,ZAG	2
22	101729GT	WASHER,VIBRATION ISOLATING	2
23	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG (to SN Z4525D-4553)	2
23B	1251994GT	SCREW,HHF,1/2-13X3,8,ZAG (from SN Z4525D-4554)	2
24		Ref: Engine Tray refer to 418.1	
25	219991GT	SPACER,19.1 OD X 13.5 ID X 15.9 (to SN Z4525D-4553)	2
25B	1255760GT	WASHER,FLAT,1/2,USS,ZAG (from SN Z4525D-4554)	8
26	70452GT	ISOLATOR,ENGINE VIBRATION***	2
27	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG (to SN Z4525D-4553)	4
27B	824090GT	SCREW,HHF,3/8-16X1,8,ZAG (from SN Z4525D-4554)	4
28	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	4
29	826008GT	SCREW,HHF,M10-1.5X75,DIN6921,1	2
30	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	2
31	218098GT	FORMING,REAR ENGINE MOUNT,Z45	1
32	1255666GT	SCREW,SHC,M10-1.50X30,DIN912,1	9
33	70381GT	COVER,FLYWHEEL CASTING	1
34	1257421GT	SCREW,HHC,M10-1.5X16,DIN933,10.9,ZAB	5
35	128004GT	COUPLER,15 TOOTH,FBA,SAE8*** includes eight bolts	1
36	8516GT	SCREW, HCC, 3/8-16 X 1.50	1
37	22700GT	WASHER,LOCK,M10	1
38	1255763GT	SCREW,HHF,5/16-18X1.5,8,ZAG (from Z4525D-4458)	1
39	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG (from Z4525D-4458)	1

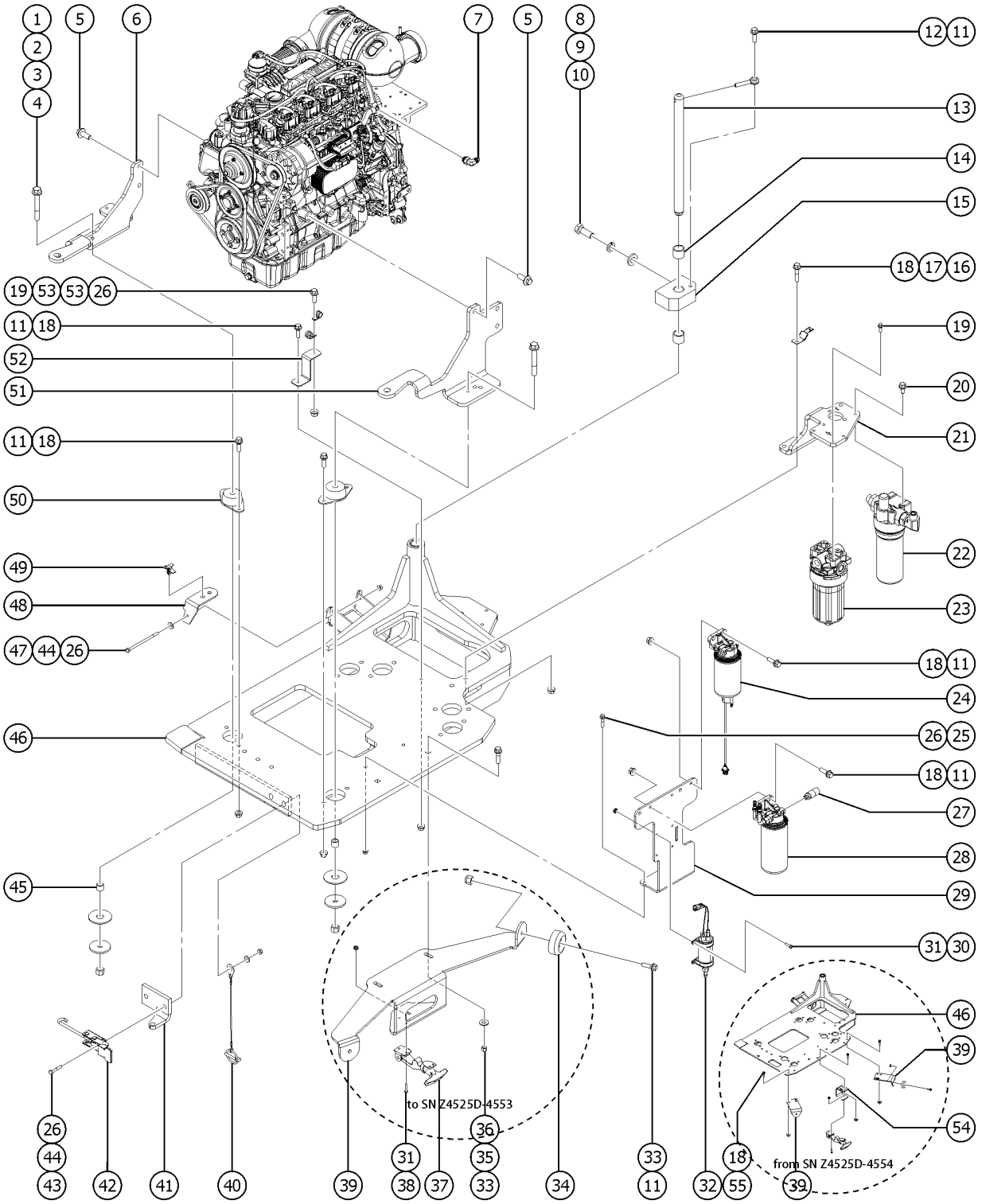
406.1 Deutz D2.9L4 Engine, View 4



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
3	1257231GT	SCREW,HHF,M8-1.25X50,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*	2
6	236251GT	ALTERNATOR,95 AMP,DEUTZ TCD3.6	1
7	1251983GT	SCREW,HHF,M8-1.25X16,DIN6921,10.9,ZAB	2
8	1256165GT	FORMING,RADIATOR SUPPORT,LH	1
9	1255805GT	NUT,SERRATED,5/16-18,8,ZAG	2
10	219437GT	ISOLATOR,VIBRATION	1
11	1256599GT	SPACER, FAN, DEUTZ, 29.5MM LNG	1
12	214682GT	FAN, 10 BLADE, 15"	1
13	1257231GT	SCREW,HHF,M8-1.25X50,DIN6921,10.9,ZAB	4
14	218715GT	COOLANT LEVEL SNSR, DEUTZ D2.9/TCD3.6	1
15	823523GT	HOSE,RADIATOR VENT,DEUTZ D2.9	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

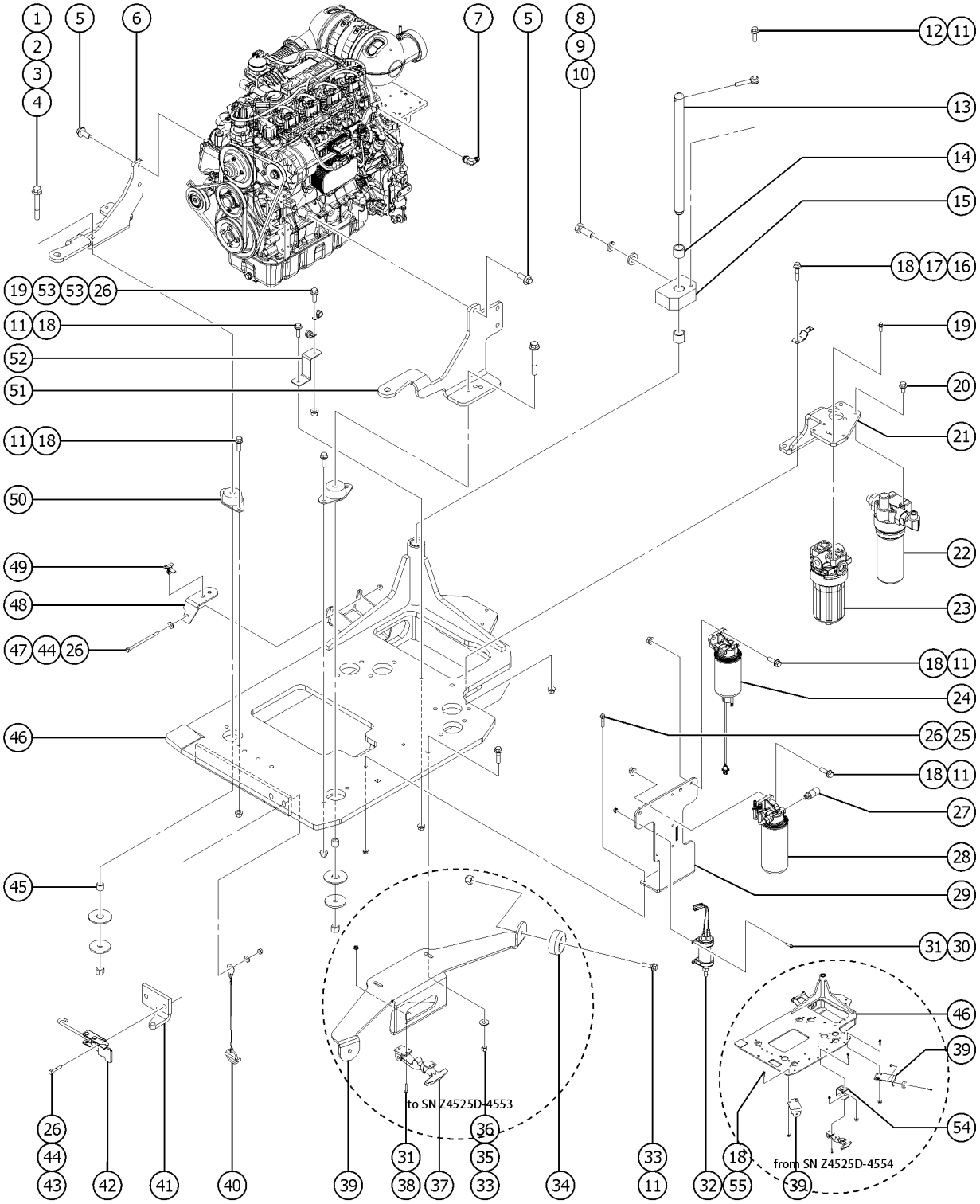
407.1 Deutz D2.9L4 Engine, View 5



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 (to SN Z4525D-4553)	2
1B	1251994GT	SCREW,HHF,1/2-13X3,8,ZAG (from SN Z4525D-4554)	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
7	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 (to SN Z4525D-4553)	12
11B	824090GT	SCREW,HHF,3/8-16X1,8,ZAG (from SN Z4525D-4554)	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	18
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	1310714GT	FILTER ASSY, HIGH PRESS SAE-12*	1
22-	58222GT	O-RING,FILTER ASSY (60334)***	

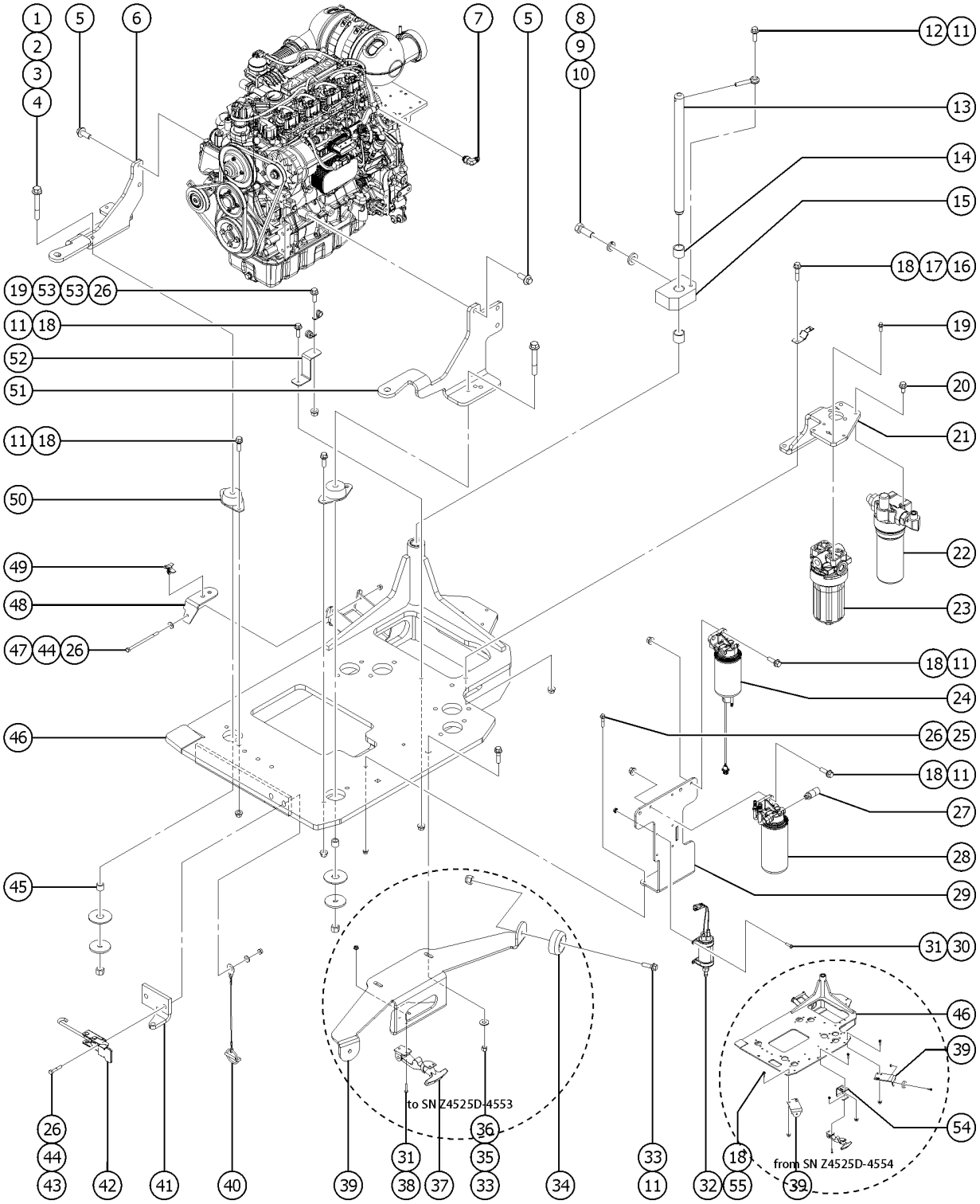
407.1 Deutz D2.9L4 Engine, View 5



407.1 Deutz D2.9L4 Engine, View 5

Item	Part No.	Description	Qty.
22-	58223GT	SEAL,FILTER ASSY (60334)***	
22-	58380GT	FILTER INDICATOR-(60334)	
22-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
23	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8 (to SN Z4525D-7133)	1
23-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807, (to SN Z4525D-7133)	
23B	1314860GT	FILTER ASSEM., MEDI PRESSURE, SAE8 (from SN Z4525D-7134)	1
23B-	1314861GT	ELEMENT-5 MIC, FIBERGLASS, W/ BYPASS for 1314860, (from SN Z4525D-7134)	
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	8
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

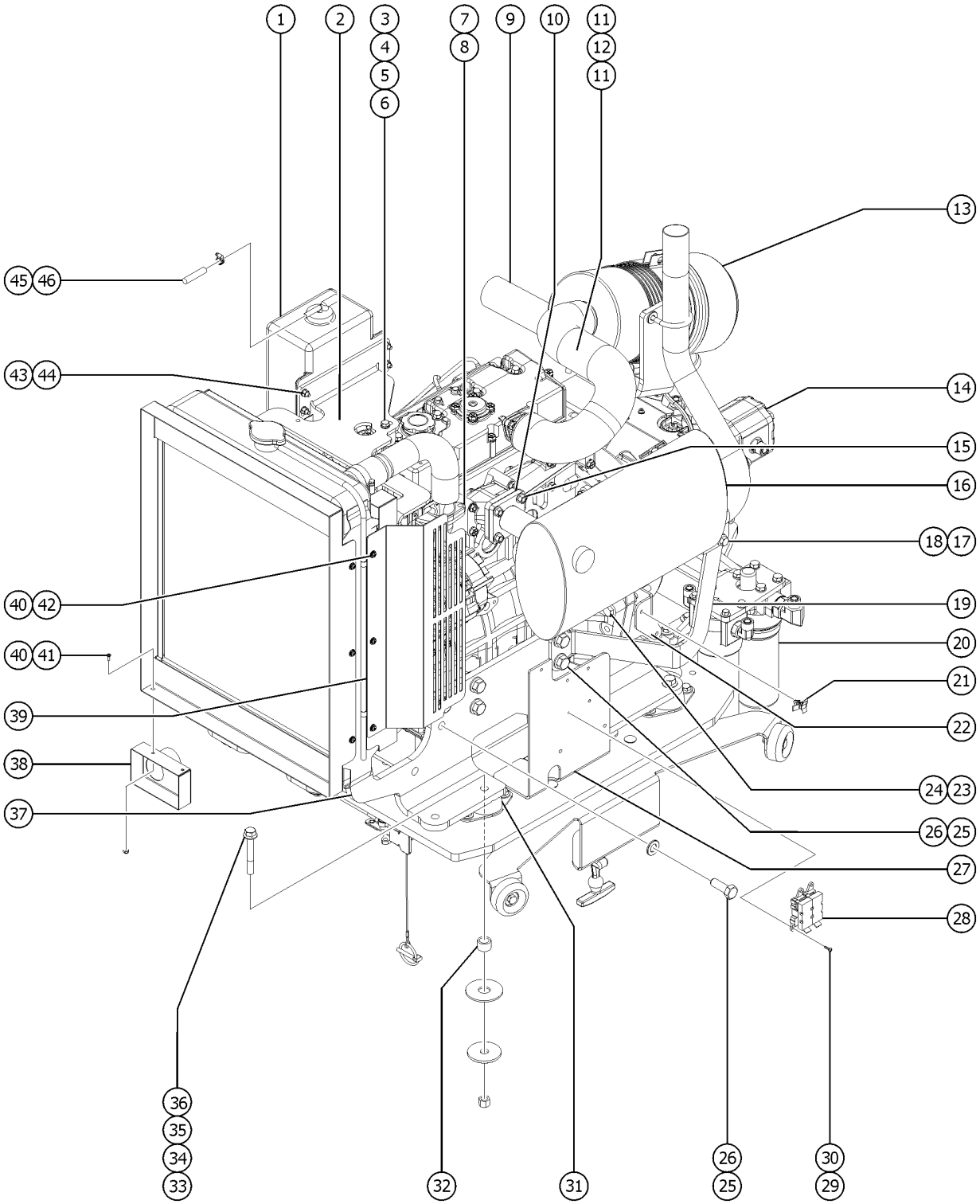
407.1 Deutz D2.9L4 Engine, View 5



407.1 Deutz D2.9L4 Engine, View 5

Item	Part No.	Description	Qty.
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 (to SN Z4525D-4553)	1
39B	1306748GT	BUMPER MOUNTBRACKET (from SN Z4525D-4554)	2
40	54432GT	LANYARD,LYNCH PIN ASSY (to SN Z4525D-4553)	1
41	54244GT	BRACKET,LATCH MOUNT,RH*** (to SN Z4525D-4553)	1
42	27126GT	LATCH,DRAW,ADJUSTABLE (to SN Z4525D-4553)	1
43	824062GT	SCREW,HHC,1/4-20X1.5,8,ZAG (to SN Z4525D-4553)	2
44	824113GT	WASHER,FLAT,USS,1/4,ZAG (to SN Z4525D-4553)	2
45	219991GT	SPACER,19.1 OD X 13.5 ID X 15.9	2
46		Ref: Engine Tray refer to 410.1	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
54	1306749GT	LATCH MOUNT BRACKET (from SN Z4525D-4554)	1
55	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG (from SN Z4525D-4554)	6

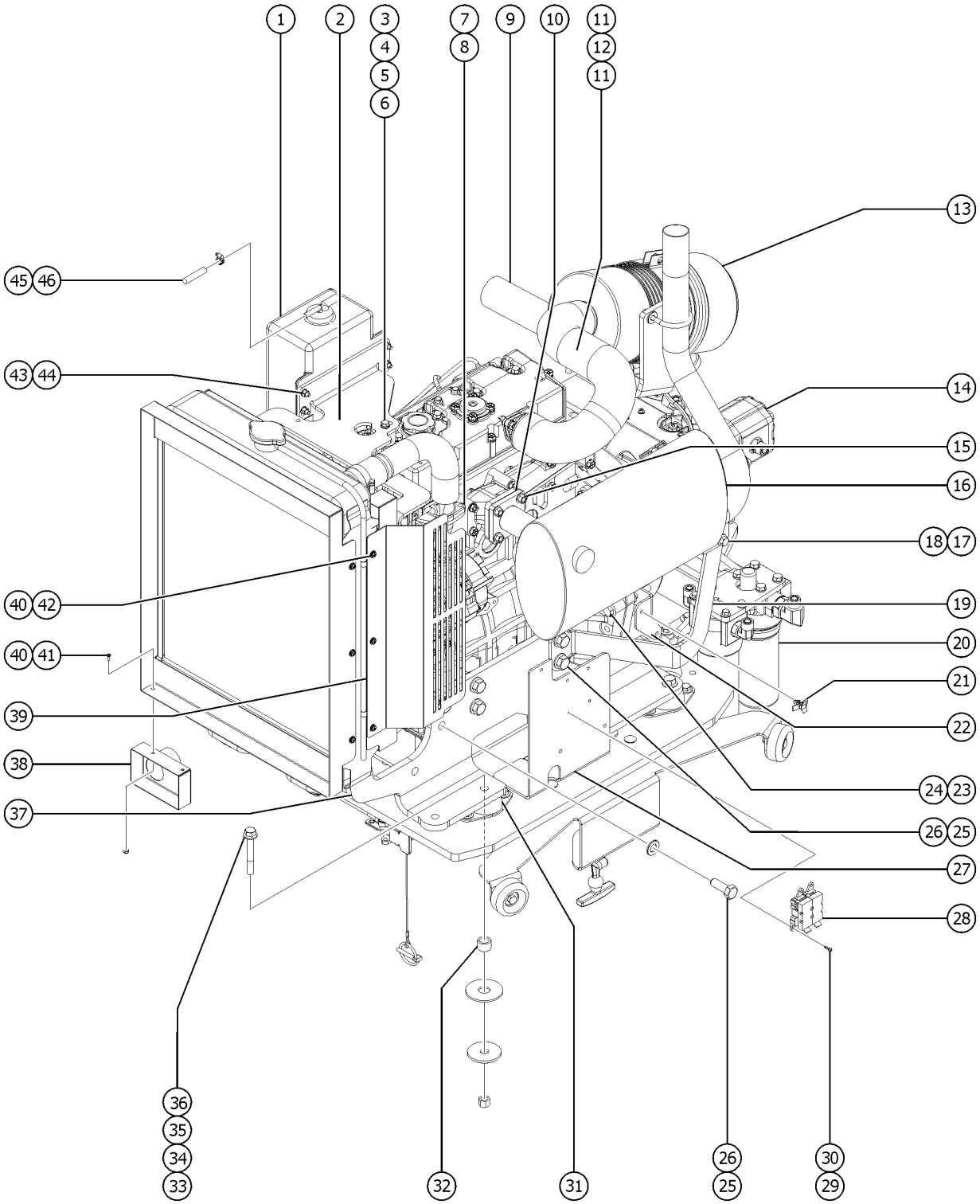
408.1 Perkins 404D-22 Engine, View 1



408.1 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	1
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

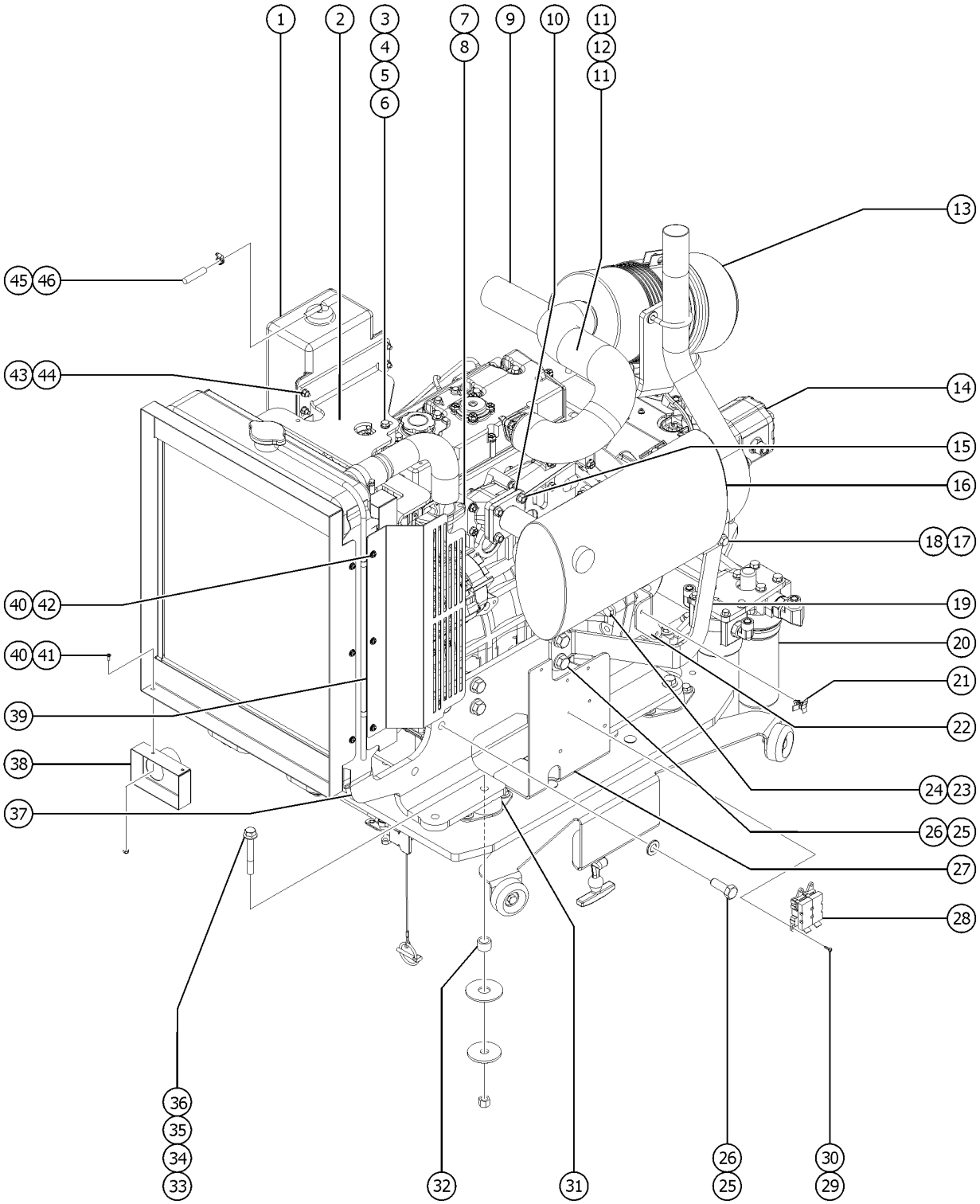
408.1 Perkins 404D-22 Engine, View 1



408.1 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

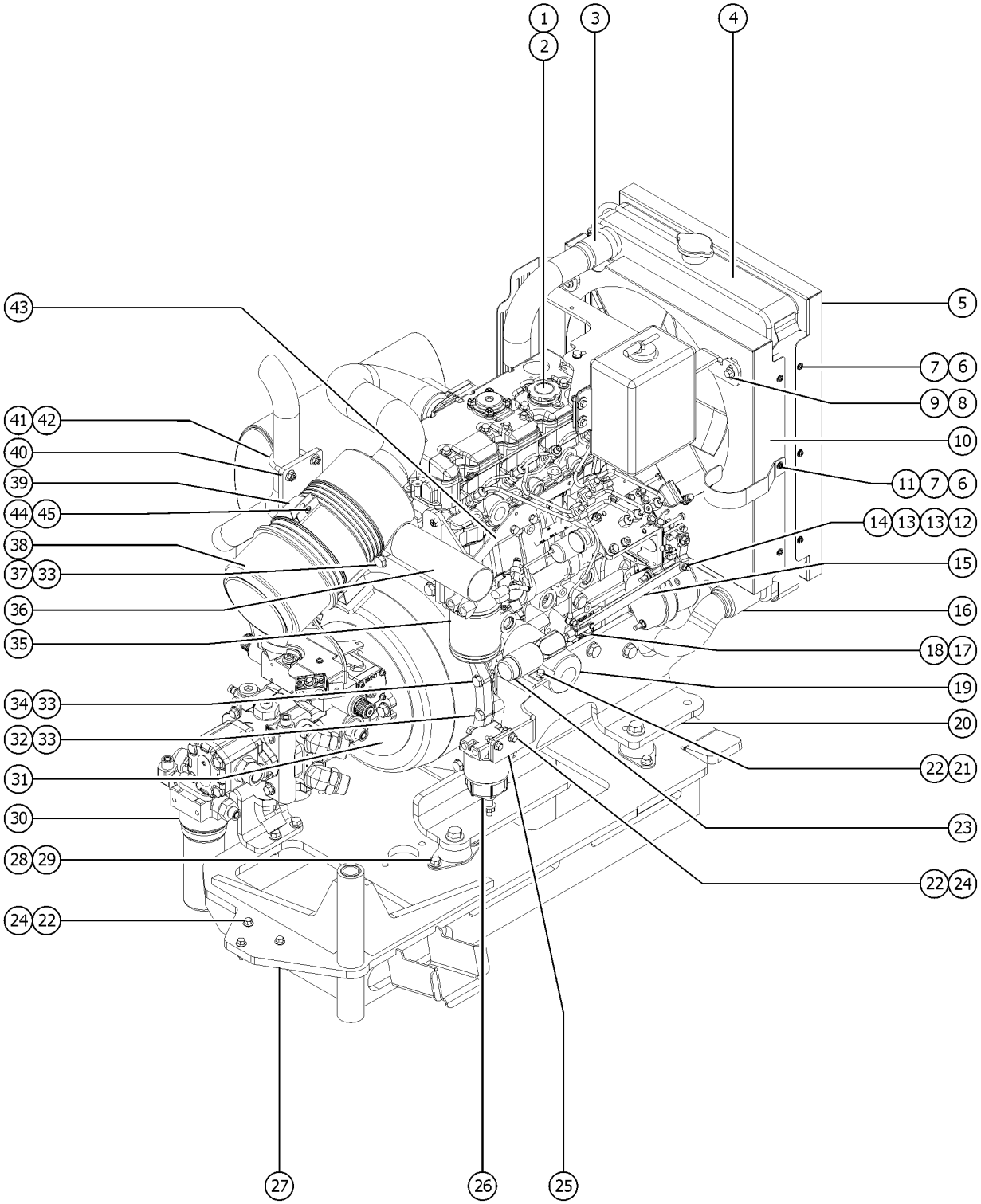
408.1 Perkins 404D-22 Engine, View 1



408.1 Perkins 404D-22 Engine, View 1

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

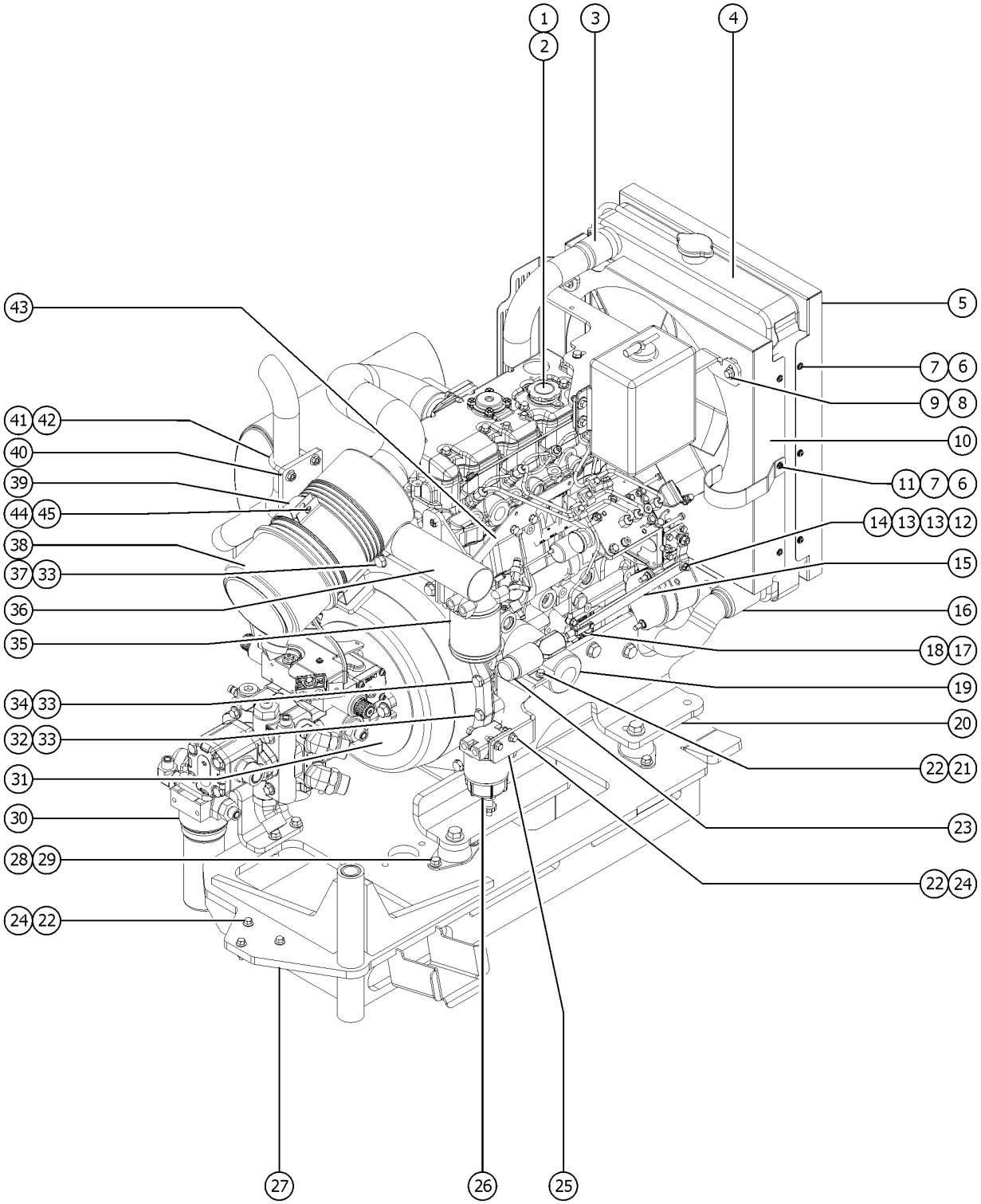
409.1 Perkins 404D-22 Engine, View 2



409.1 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

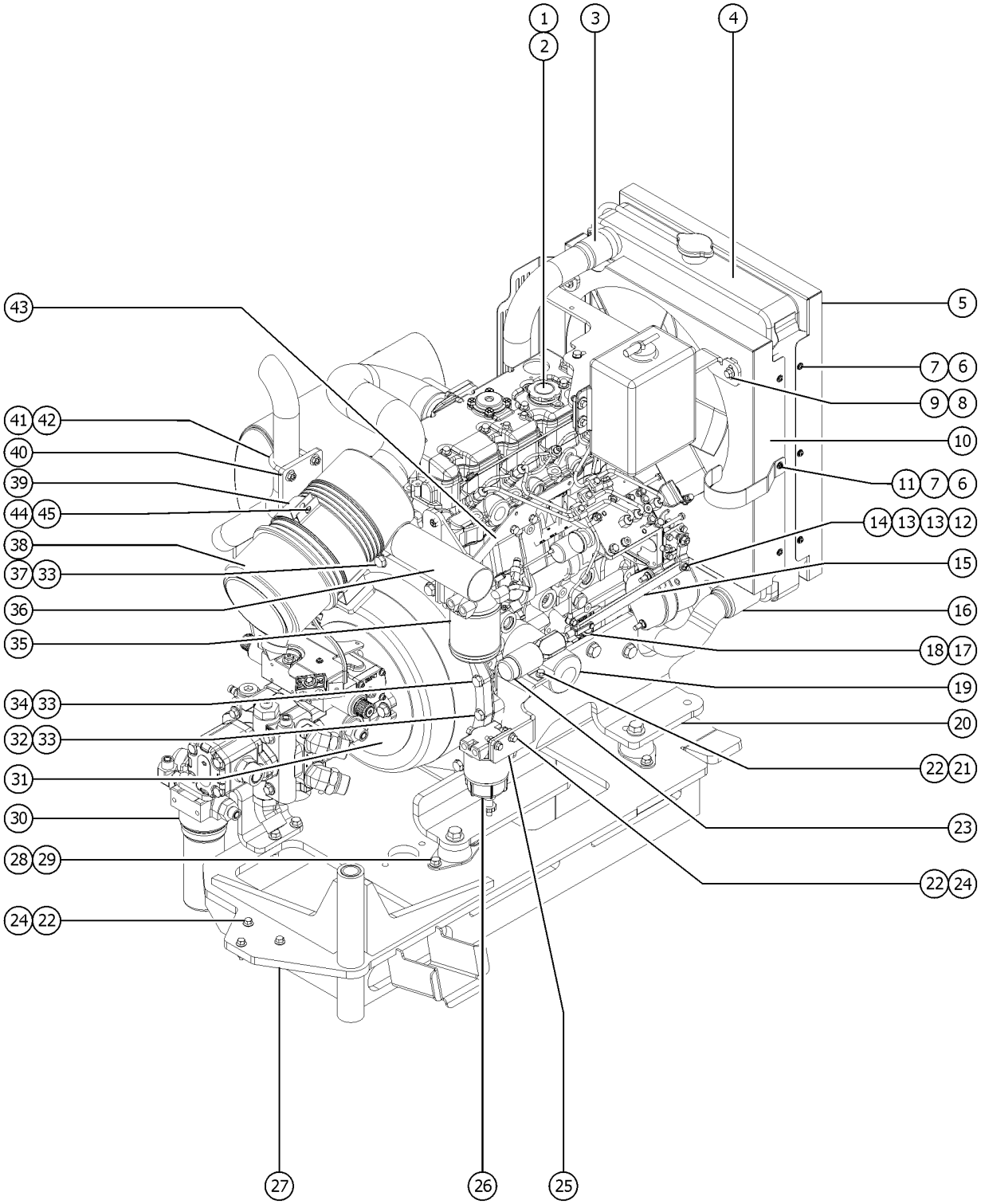
409.1 Perkins 404D-22 Engine, View 2



409.1 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

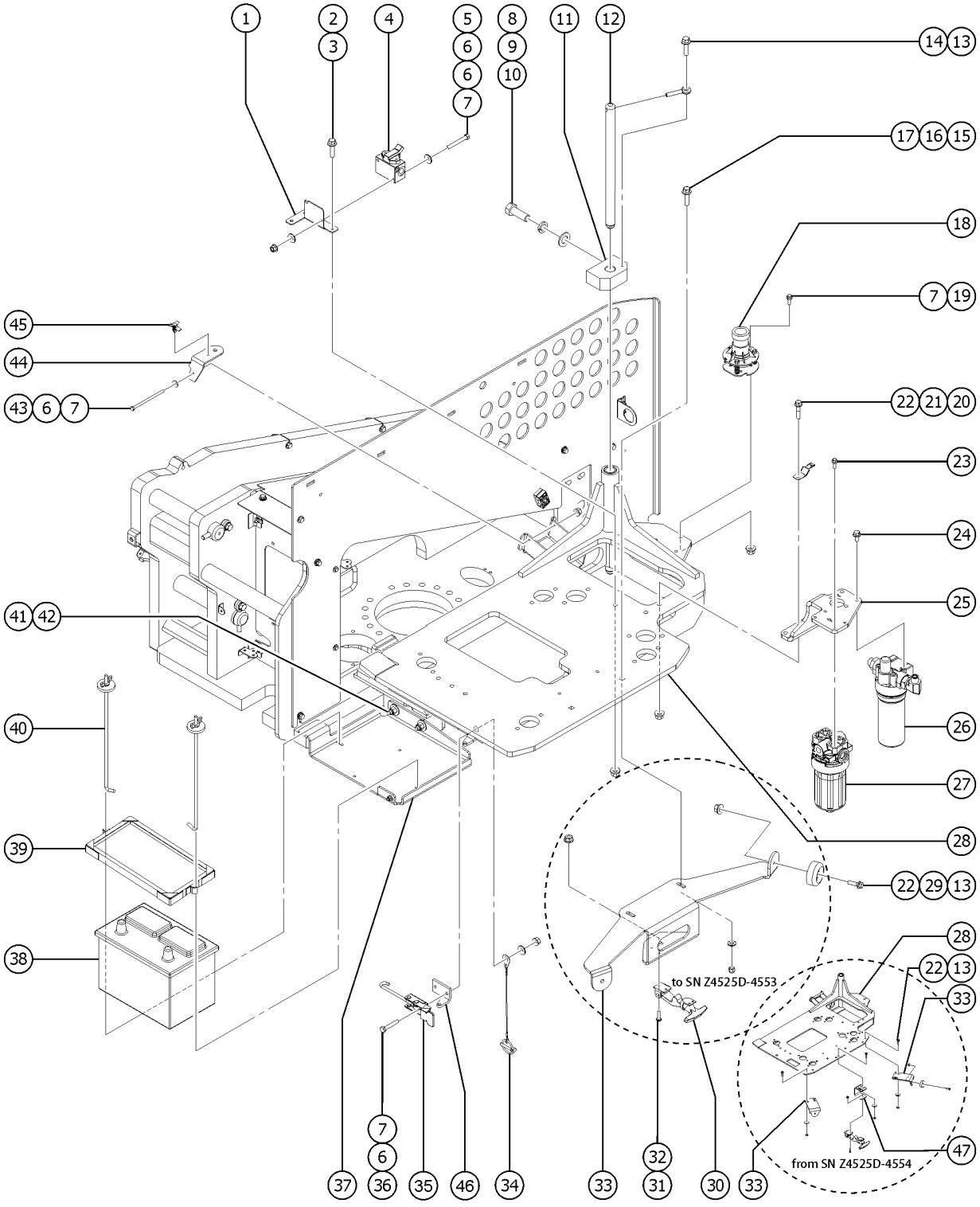
409.1 Perkins 404D-22 Engine, View 2



409.1 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 (to Z4525D-4457)	1
38-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
38-	62420GT	FILTER,AIR***	
38-	65810GT	BAFFLE, AIR CLEANER (27915)**	
38-	52866GT	EVACUATOR VALVE-AIR CLEANER	
38B	1309603GT	AIR CLEANER,DONALDSON,G068664 (from Z4525D-4458)	1
39	53952GT	BRKT,AIR CLEANER ORIENTATION** (to Z4525D-4457)	1
39-	1264101GT	SCREW,HHC,5/16-18X1,8,ZAG	2
39-	824028GT	NUT, TL FLG, 5/16-18, G, ZAG	2
39B	1309604GT	BRKT,AIR CLEANER,DONALDSON (from Z4525D-4458)	1
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
44	1255763GT	SCREW,HHF,5/16-18X1.5,8,ZAG (from Z4525D-4458)	1
45	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG (from Z4525D-4458)	1

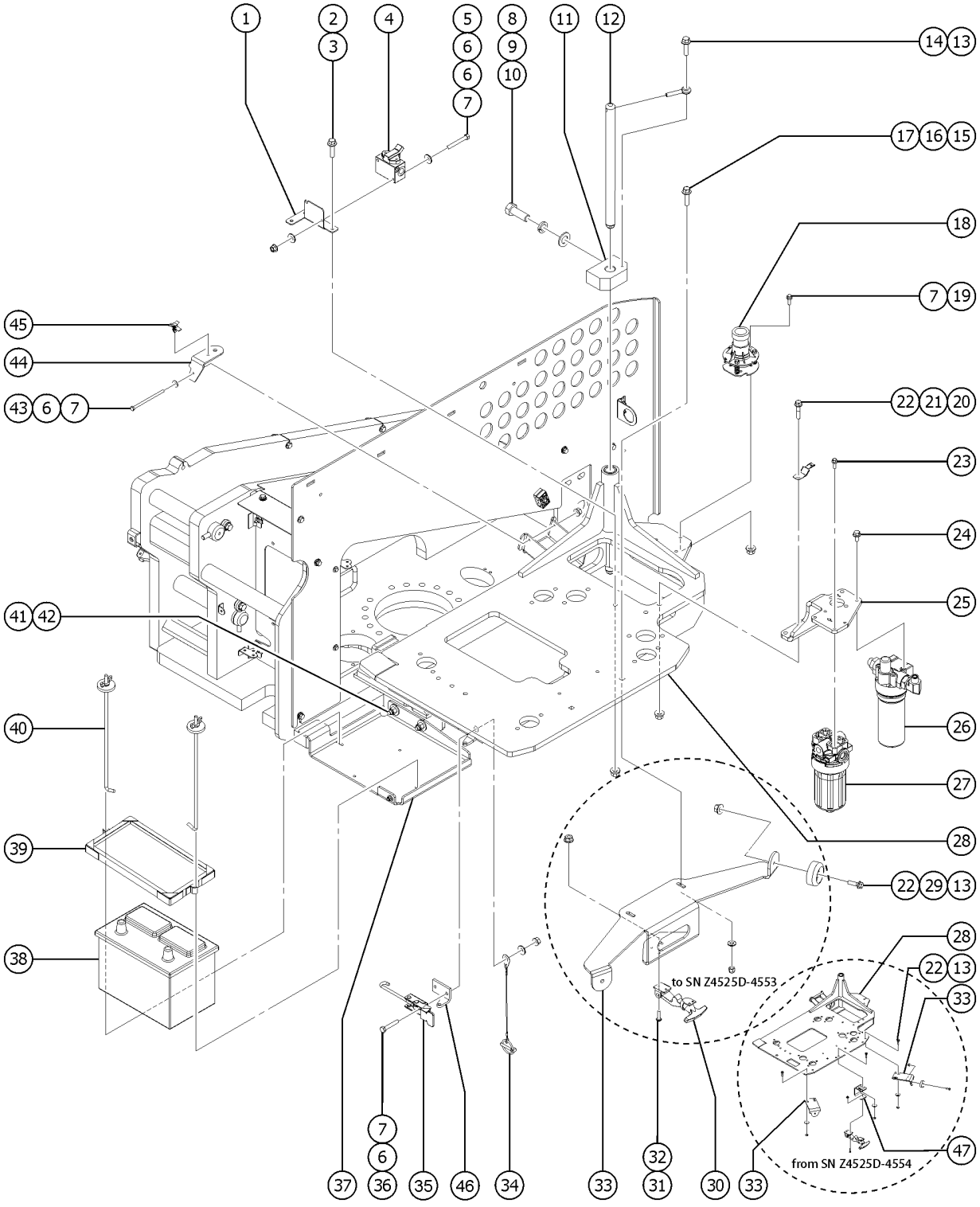
410.1 Engine Tray



410.1 Engine Tray

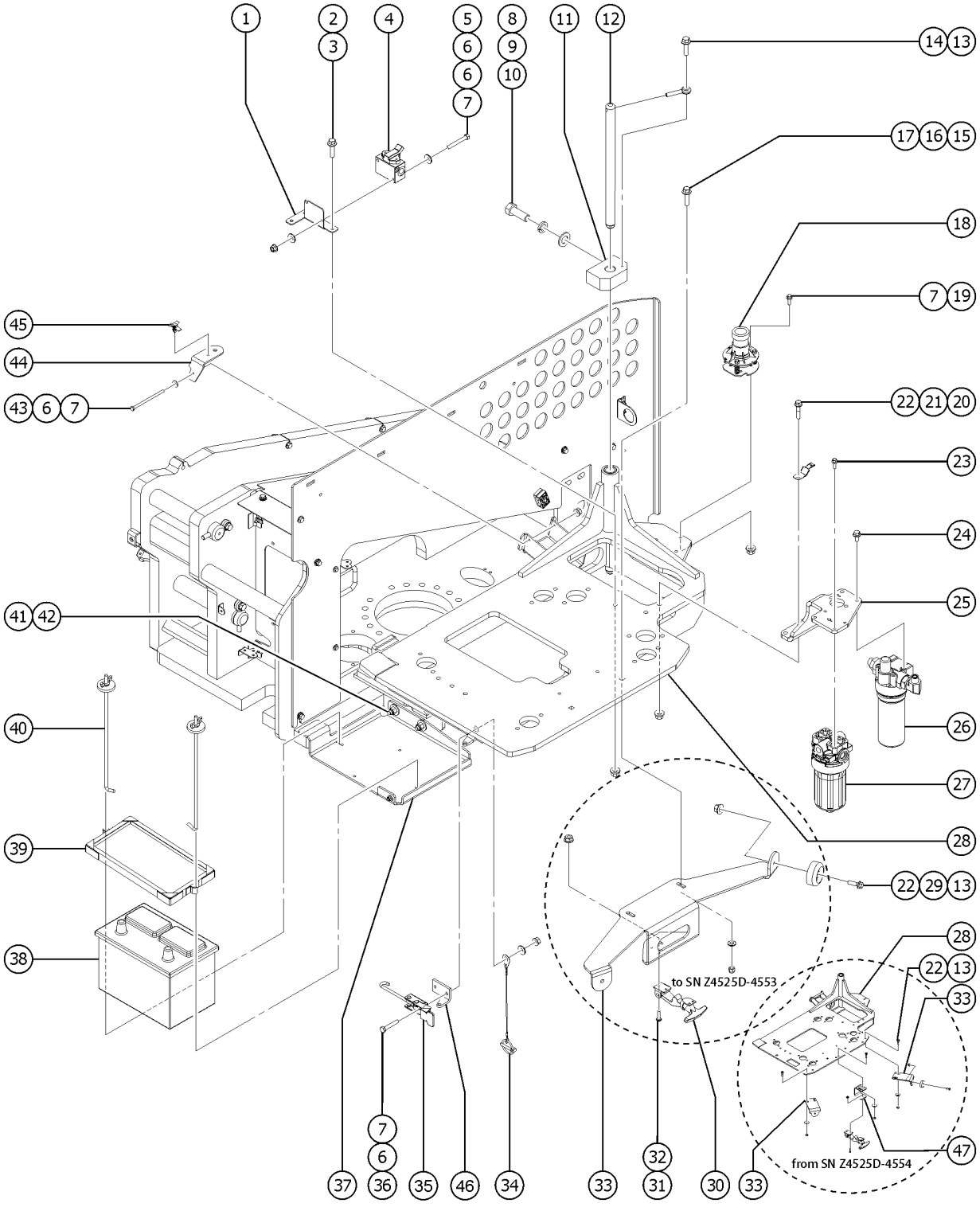
Item	Part No.	Description	Qty.
1	111699GT	FORMING,FUEL PRES.REG MNT	1
2	1255763GT	SCREW,HHF,5/16-18X1.5,8,ZAG	2
3	824028GT	NUT, TL FLG, 5/16-18, G, ZAG	2
4	122246GT	REGULATOR,FUEL PRESS,TME27'07	1
5	824064GT	SCREW, HHC, 1/4-20 X 2.25, 8, ZAG	
6	824113GT	WASHER,FLAT,USS,1/4,ZAG	6
7	824027GT	NUT, TL FLG, 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	9
14	1255452GT	ROD END,.375 X 2.25,ZAG	1
15	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	2
16	1255758GT	WASHER,FLAT,3/8,USS,ZAG	2
17	824025GT	NUT,TL,3/8-16,C,ZAG	2
18	94077GT	SENSOR,LEVEL,4.5 DEG ANSI and Australia ; white ring. PN 1261449 may be required, see below.	
18B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 CE with load sense; yellow ring, to Z45D-1698	
18C	1262686GT	OPT,LVL SNSR KIT 12V,ANSI/CSA All models with 6-pin wire harness connector	
18D	1263187GT	SENSOR, LEVEL,2.5 X 4.5 DEG CE with load sense; yellow ring, from Z45D-1699	1
19	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	3
20	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG	2
21	99346GT	CLIP, METAL MOUNTING	1
22	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	10
23	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4
24	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	4
25	235654GT	FORMING,OIL FILTER BRACKET	1

410.1 Engine Tray



Item	Part No.	Description	Qty.
26	1310714GT	FILTER ASSY, HIGH PRESS SAE-12*	1
26-	58222GT	O-RING,FILTER ASSY (60334)***	
26-	58223GT	SEAL,FILTER ASSY (60334)***	
26-	58380GT	FILTER INDICATOR-(60334)	
26-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
27	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8 (to SN Z4525D-7133)	1
27-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807, (to SN Z4525D-7133)	
27B	1314860GT	FILTER ASSEM., MEDI PRESSURE, SAE8 (from SN Z4525D-7134)	1
27B-	1314861GT	ELEMENT-5 MIC, FIBERGLASS, W/ BYPASS for 1314860, (from SN Z4525D-7134)	
28	235649GT	WELDMENT, ENGINE TRAY (to SN Z4525D-4473)	1
28B	1306747GT	ASSY, ENGINE TRAY, Z45 (from SN Z4525D-4474)	1
29	50974GT	BUMPER,RUBBER,COVERS	2
30	45363GT	LATCH,FLEXIBLE	1
31	826516GT	SCREW, PHPM, 10-32 X 1.0, ZAG	2
32	1264261GT	NUT,SERRATED,10-32,ZAG	2
33	215593GT	FORMING, ENGINE COVER LATCH (to SN Z4525D-4473)	1
33B	1306748GT	BUMPER MOUNTBRACKET (from SN Z4525D-4474)	2
34	54432GT	LANYARD,LYNCH PIN ASSY (to SN Z4525D-4473)	1
35	27126GT	LATCH,DRAW,ADJUSTABLE (to SN Z4525D-4473)	1
36	824062GT	SCREW,HHC,1/4-20X1.5,8,ZAG (to SN Z4525D-4473)	2
37	147067GT	BRACKET,BATTERY MOUNT	1
38	1306670GT	START BATTERY,12V 1000CCA	1
39	30144GT	BATTERY HOLD DOWN,GROUP 31 deisel engine	1
39B	T107827GT	BATTERY HOLD DOWN gasoline engine	
39B-	1256679GT	NUT,SERRATED,1/4-20,8,ZAG not included, sold seperately, gasoline engine	
39B-	6091GT	NUT, NYLOCK, 1/4-20 not included, sold seperately, gasoline engine	2
39B-	824113GT	WASHER,FLAT,USS,1/4,ZAG not included, sold seperately, gasoline engine	2
40	45708GT	HOOK-BATT HOLD DOWN 10"LG deisel engine	2

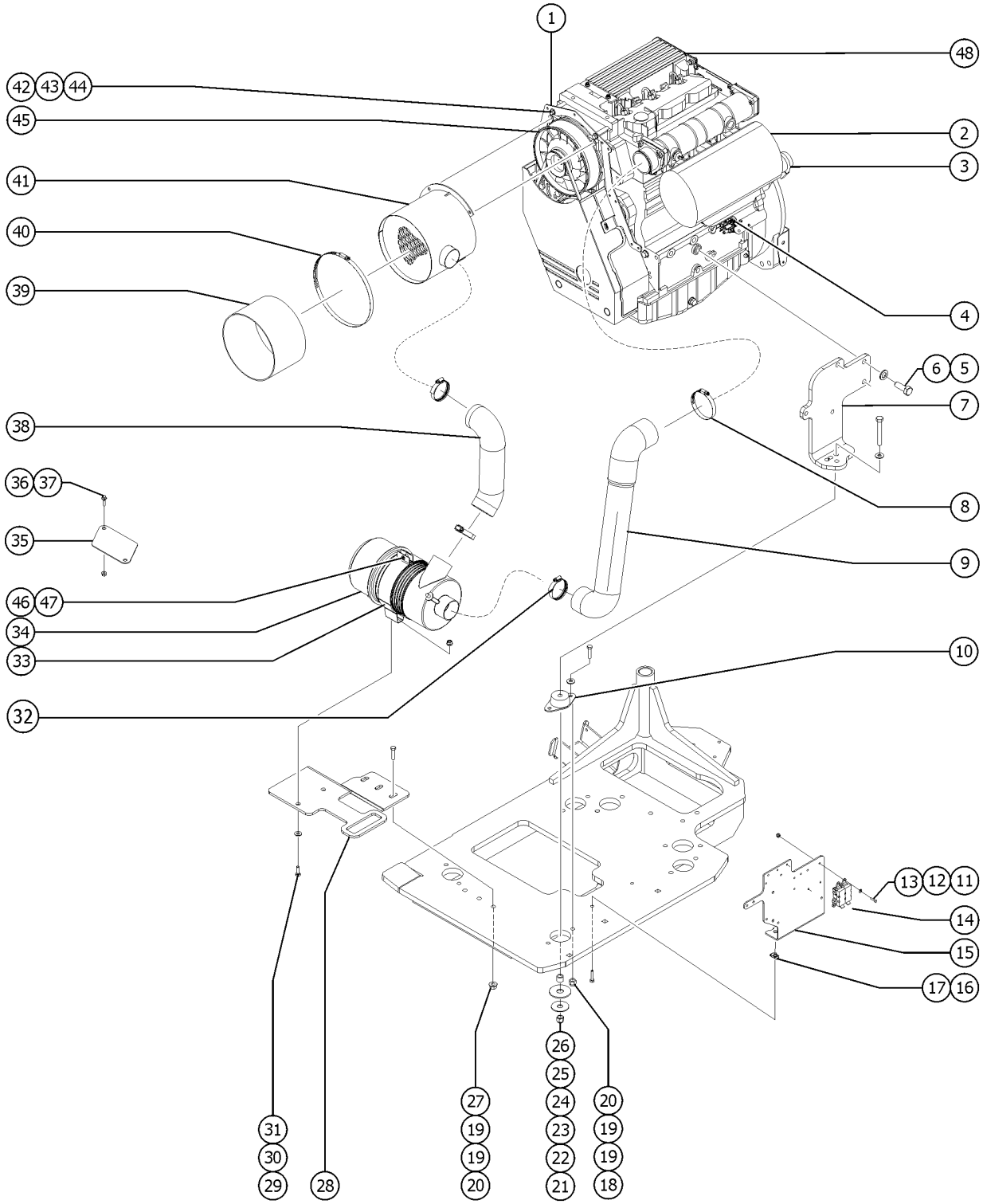
410.1 Engine Tray



410.1 Engine Tray

Item	Part No.	Description	Qty.
40B	824209GT	ROD,THREADED,1/4-20X8.5,ZAG gasoline engine	2
41	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
42	826171GT	SCREW,HHF,1/2-13X1.75,ZAG	2
43	1256853GT	SCREW,HHF,1/4-20X4.5,8,ZAG	
44	219353GT	FORMING, FUEL LINE BRACKET	1
45	105214GT	CABLE TIE MOUNT, WINGED	2
46	54244-SGT	BRACKET,LATCH MOUNT,RH**	1
47	1306749GT	LATCH MOUNT BRACKET	1

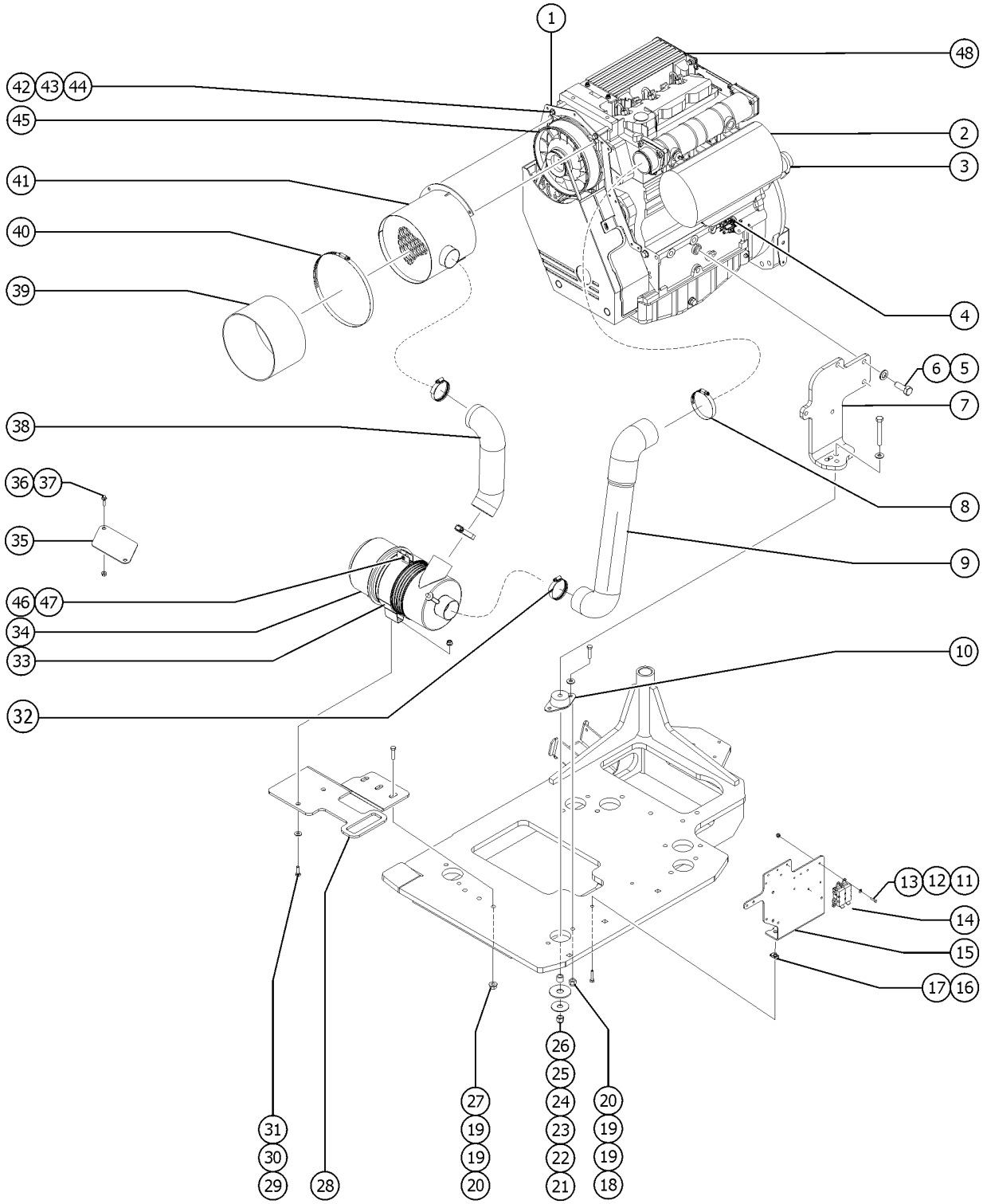
411.1 Deutz D436-L3i-CN3 Engine, View 1



411.1 Deutz D436-L3i-CN3 Engine, View 1

Item	Part No.	Description	Qty.
1	216340GT	MOUNTING BRKT.FRONT HARNESS (to Z4525D-4160)	1
2	32695GT	MUFFLER,DEUTZ	1
2-	29559GT	GASKET,EXHAUST	
3	70385GT	CLAMP,EXHAUST,2.00 PLATED	1
4	139709GT	STARTER, 12V	1
5	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	3
6	49411GT	WASHER,FLAT,M14	3
7	70461PGT	FORMING,ENGINE MOUNT,FL PAINT*	1
8	30971GT	CLAMP,HOSE,3.00"	1
9	70375GT	HOSE,AIR CLEANER	1
10	70452GT	ISOLATOR,ENGINE VIBRATION***	2
11	56286GT	SCREW,RHM,8-32 X .75	2
12	35461GT	WASHER,FLAT,MS,#8,Y	2
13	18605GT	NUT,NYLOCK,8-32	2
14	218221GT	ASSY,FUSE BLOCK,LMI,1 POLE	1
15	216343GT	MOUNTING BRKT,ELECTRICAL PANEL (to Z4525D-4152)	1
15B	1305612GT	MOUNTING BRKT,ELECTRICAL PANEL (from Z4525D-4153)	1
16	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
17	8915GT	SCREW, HHC, 1/4-20 X 1.25	2
18	4828GT	NUT, NYLOCK, 3/8-16	8
19	5397GT	WASHER, FLAT, USS, 5/16-18	22
20	8516GT	SCREW, HCC, 3/8-16 X 1.50	11
21	6198GT	NUT, NYLOCK, 1/2-13	2
22	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	2
23	101729GT	WASHER,VIBRATION ISOLATING	2
24	219991GT	SPACER,19.1 OD X 13.5 ID X 15.9	2
25	6095GT	WASHER,FLAT,USS,1/2",Y	2
26	8357GT	SCREW, HHC, 1/2-13 X 3.5	2

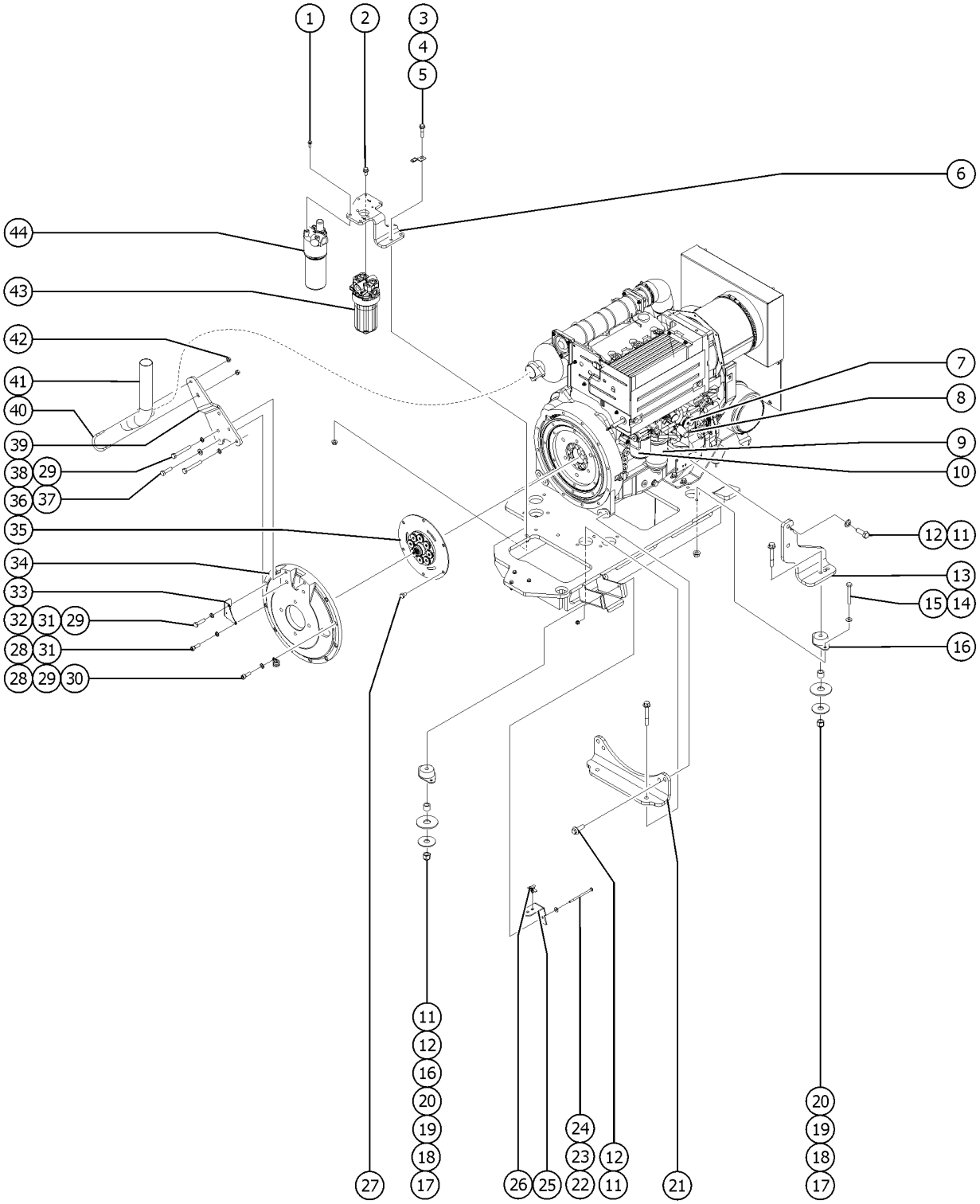
411.1 Deutz D436-L3i-CN3 Engine, View 1



411.1 Deutz D436-L3i-CN3 Engine, View 1

Item	Part No.	Description	Qty.
27	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	3
28	120240GT	WELDMENT,AIR CLEANER BRACKET	1
29	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
30	6638GT	WASHER, FLAT, USS, 1/4"Y	
31	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	2
32	45435GT	CLAMP,HOSE,2.50"***	3
33	53952GT	BRKT,AIR CLEANER ORIENTATION** (to Z4525D-4457)	1
33B	1309604GT	BRKT,AIR CLEANER,DONALDSON (from Z4525D-4458)	1
34	63463GT	AIR CLEANER,NELSON*** (to Z4525D-4457)	1
34-	52866GT	EVACUATOR VALVE-AIR CLEANER	
34-	58415GT	CLIP,AIR CLEANER END CAP***	
34-	62420GT	FILTER,AIR***	
34-	65810GT	BAFFLE, AIR CLEANER (27915)**	
34B	1309603GT	AIR CLEANER,DONALDSON,G068664 (from Z4525D-4458)	1
35	161717GT	COVER,PRECLEANER OPENING	1
36	6888GT	SCREW, HHC, 1/4-20 X 1	2
37	6091GT	NUT, NYLOCK, 1/4-20	8
38	101006GT	TUBE,AIR CLEANER INLET	1
39	1285342GT	SHEET,RUBBER,AIR INTAKE	1
40	31523GT	CLAMP,HOSE,8.50 DIA***	1
41	101140GT	WELDMENT, AIR INTAKE TUBE	1
42	49378GT	SCREW,HHC,M8 X 16	2
43	49408GT	WASHER,LOCK,M8	2
44	33277GT	WASHER,FLAT,M8,YELLOW ZINC	2
45	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	1
46	1255763GT	SCREW,HHF,5/16-18X1.5,8,ZAG (from Z4525D-4458)	1
47	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG (from Z4525D-4458)	1
48	1308976GT	ENGINE KIT,D436,CHINA III,W/O,ALTITUDE COMP	1

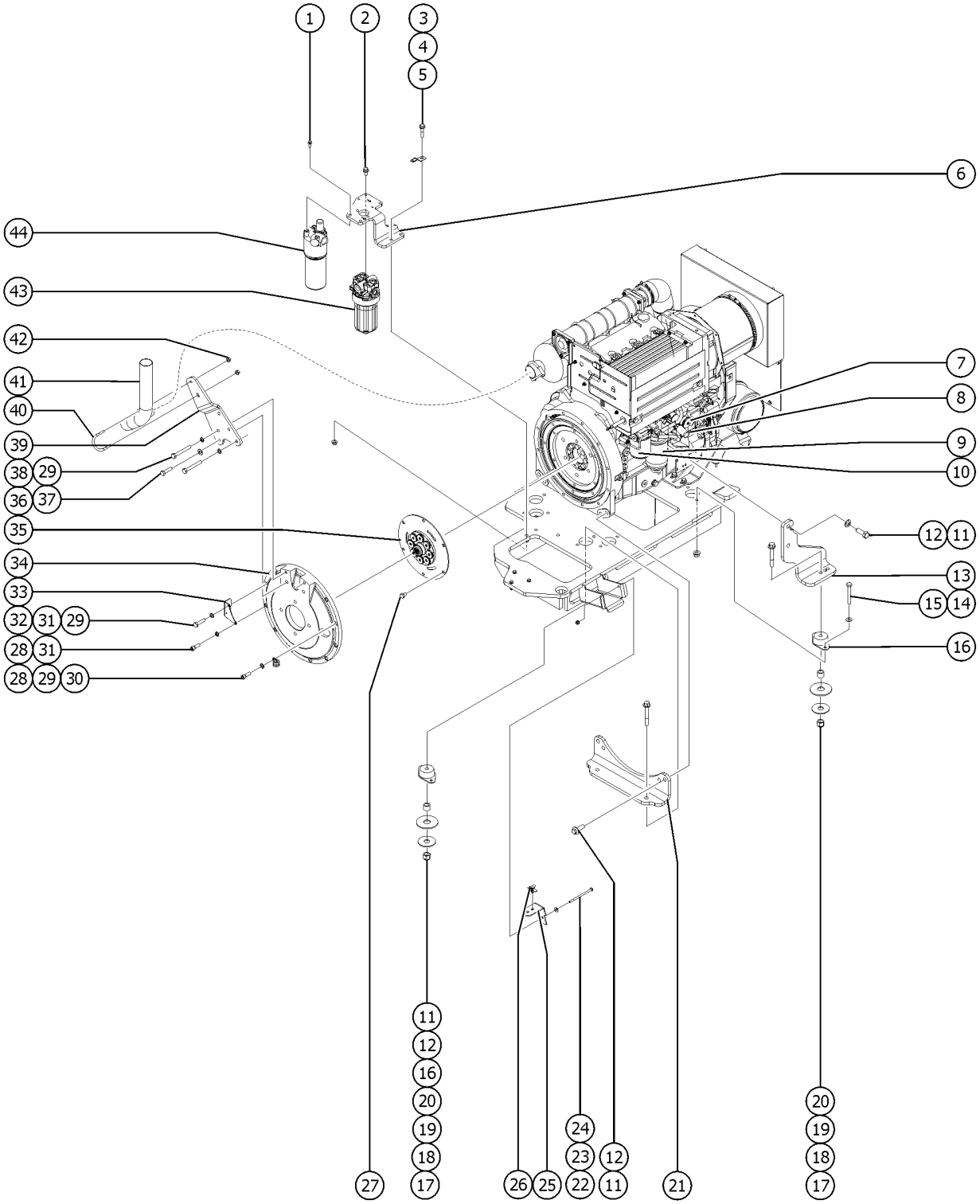
412.1 Perkins 404D-22 Engine, View 1



412.1 Perkins 404D-22 Engine, View 1

Item	Part No.	Description	Qty.
1	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	4
2	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4
3	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG	2
4	99346GT	CLIP, METAL MOUNTING	1
5	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
6	235654GT	FORMING,OIL FILTER BRACKET	1
7	111668GT	PUMP,FUEL 2011 DEUTZ ***	1
8	52352GT	DIPSTICK-F3L1011F (DEUTZ)	1
9	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008	1
10	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
10-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	
11	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	6
12	49411GT	WASHER,FLAT,M14	6
13	70460PGT	FORMING,ENGINE MOUNT,FR PAINT*	1
14	8357GT	SCREW, HHC, 1/2-13 X 3.5	2
15	6095GT	WASHER,FLAT,USS,1/2",Y	2
16	70452GT	ISOLATOR,ENGINE VIBRATION***	2
17	6198GT	NUT, NYLOCK, 1/2-13	2
18	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	2
19	101729GT	WASHER,VIBRATION ISOLATING	2
20	219991GT	SPACER,19.1 OD X 13.5 ID X 15.9	2
21	214846GT	FORMING,REAR ENGINE MOUNT	1
22	1256853GT	SCREW,HHF,1/4-20X4.5,8,ZAG	1
23	824113GT	WASHER,FLAT,USS,1/4,ZAG	1
24	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
25	219353GT	FORMING, FUEL LINE BRACKET	1
26	105214GT	CABLE TIE MOUNT, WINGED	2
27	49388GT	SCREW,HHC,M10 X 1.5 X 16	6

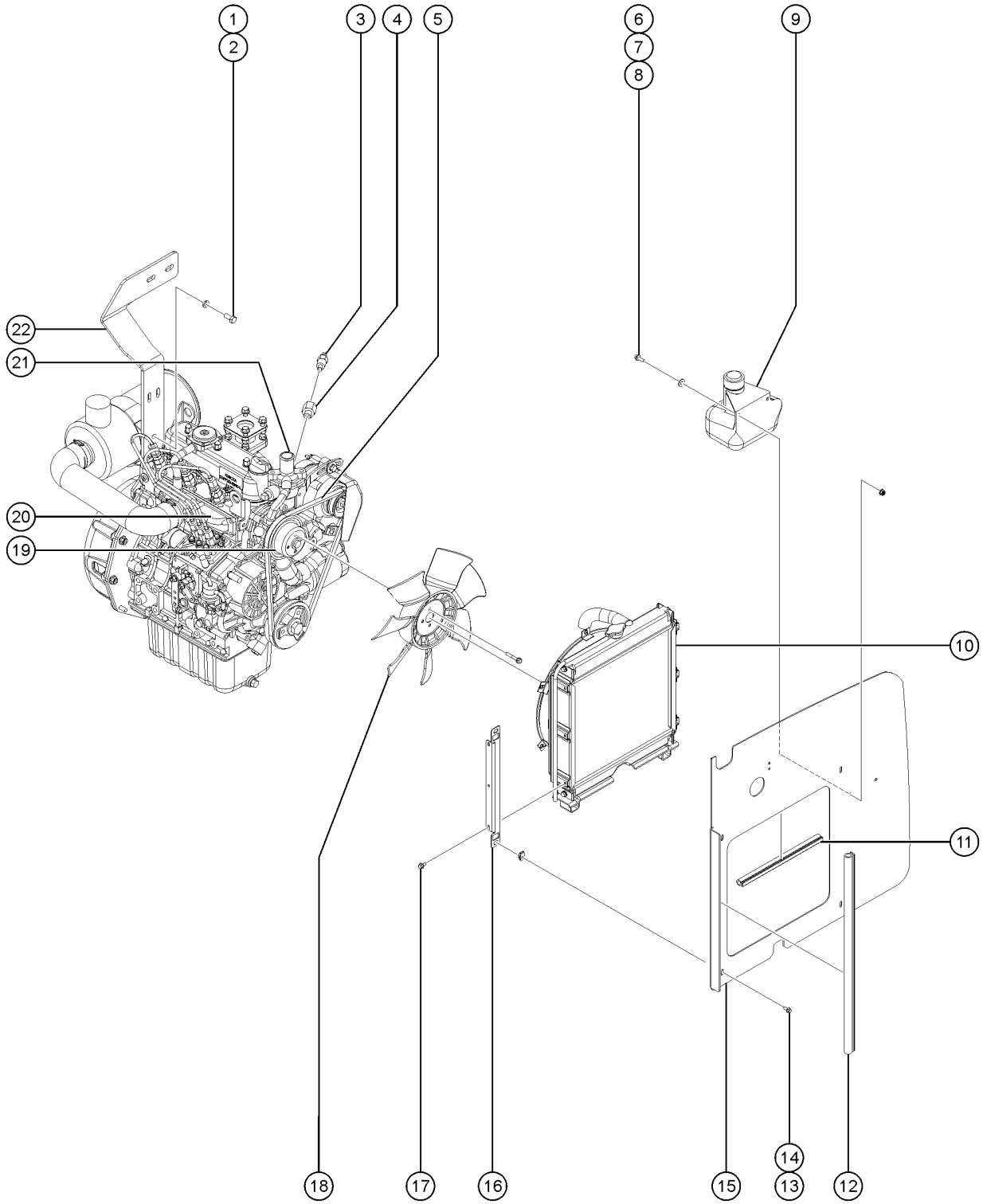
412.1 Perkins 404D-22 Engine, View 1



412.1 Perkins 404D-22 Engine, View 1

Item	Part No.	Description	Qty.
28	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	8
29	22700GT	WASHER,LOCK,M10	
30	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	1
31	22699GT	WASHER, FLAT, M10, ZINC PLTD.	3
32	25548GT	SCREW,HHC,M10 X 40MM,GRD8	1
33	216341GT	MOUNT BRKT,POS.BATTERY CABLE	1
34	70381GT	COVER,FLYWHEEL CASTING	1
35	128004GT	COUPLER,15 TOOTH,FBA,SAE8***	1
36	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	1
37	13066GT	WASHER,FLAT,.5 HARDENED	1
38	67631GT	SCREW,HHC,M10 X 80 GR 8.8	2
39	101138GT	BRACKET,MUFFLER,DEUTZ 3 CYL***	1
40	80391GT	U-BOLT,5/16 -18 X 2IN**	1
41	219668GT	EXHAUST PIPE, DEUTZ 3 CYL DSL	1
42	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	2
43	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8 (to SN Z4525D-7133)	1
43-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1297807,(to SN Z4525D-7133)	
43B	1314860GT	FILTER ASSEM., MEDI PRESSURE, SAE8 (from SN Z4525D-7134)	1
43B-	1314861GT	ELEMENT-5 MIC, FIBERGLASS, W/ BYPASS for 1314860, (from SN Z4525D-7134)	
44	1310714GT	FILTER ASSY, HIGH PRESS SAE-12*	1
44-	58222GT	O-RING,FILTER ASSY (60334)***	
44-	58223GT	SEAL,FILTER ASSY (60334)***	
44-	58380GT	FILTER INDICATOR-(60334)	
44-	60857GT	FILTER,ELEMENT,BETA(5)=1000	

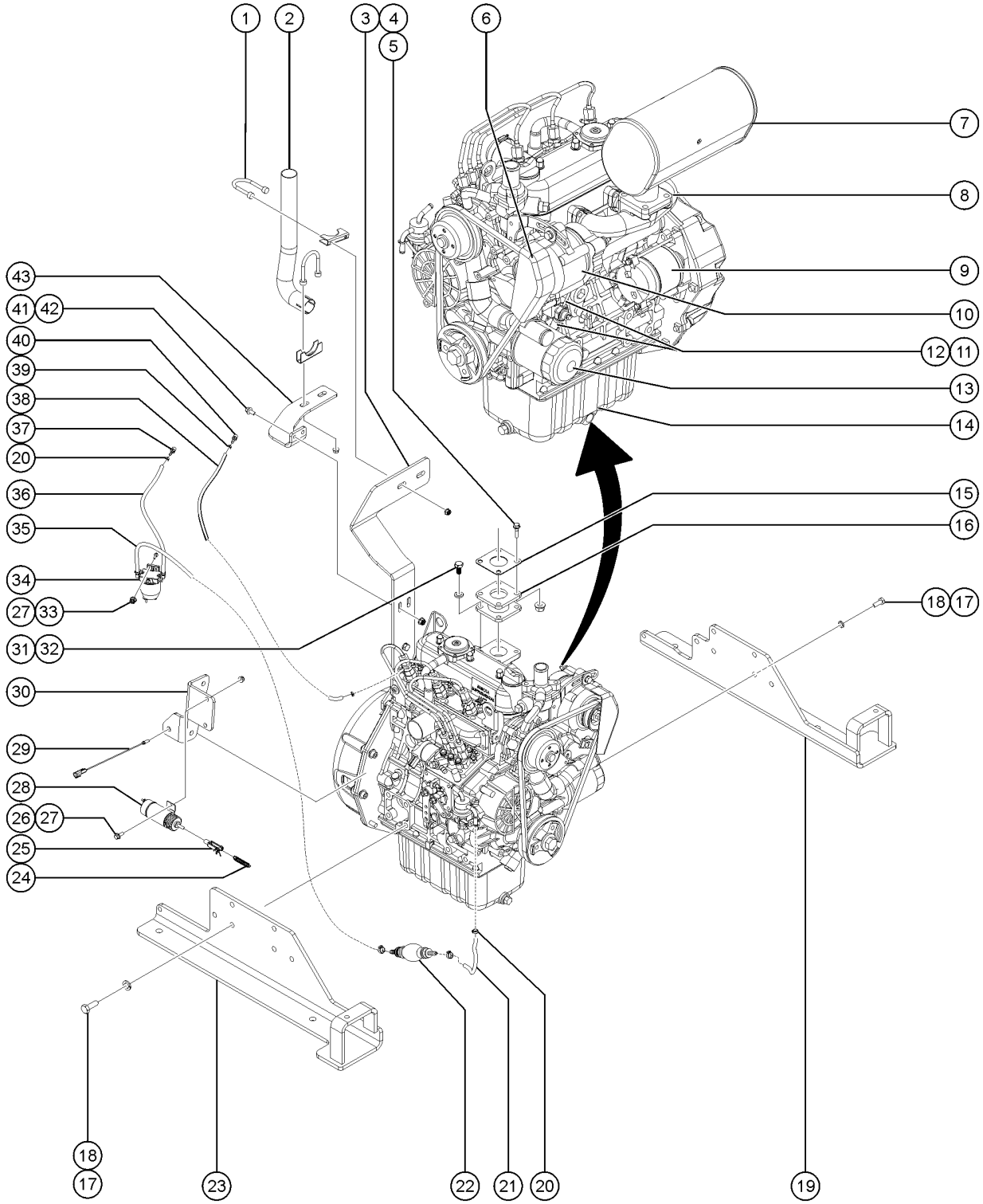
413.1 Kubota D1105 Engine, View 1



413.1 Kubota D1105 Engine, View 1

Item	Part No.	Description	Qty.
1	824135GT	SCREW,HHC,M8-1.25X20,DIN933,10.9,ZAB	2
2	824141GT	WASHER,LOCK,M8,ZAB	2
3	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1
4	28607GT	ADAPTER,140139-8-6	1
5	32196GT	BELT,V, KUBOTA D905 use until exhausted, (replaced by 839209)	1
5B	839209GT	V-BELT, KUBOTA 1105	1
6	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
7	824113GT	WASHER,FLAT,USS,1/4,ZAG	2
8	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
9	42662GT	COOLANT RECOVERY BOTTLE1.5 QT*	1
10	112531GT	RADIATOR ASSY,ALUM.D-905	1
11	119218GT	TRIM,EDGE,1/8X3/4 SIDE BULB	13
12	119218GT	TRIM,EDGE,1/8X3/4 SIDE BULB	23.2
13	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	4
14	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
15	1309747GT	WELDMENT, ENGINE BAFFLE, Z45	1
16	1309769GT	FORMING, BAFFLING MOUNT LEFT	2
17	237238GT	SCREW,HHF,M6-1.0X12,DIN6921,10	6
18	1310947GT	FAN,7-BLADE,KUBOTA,340MM	1
19	52531GT	PULLEY,FAN,KUBOTA, D-905,GS68	1
20	139273GT	MANIFOLD, INLET	1
21	139279GT	THERMOSTAT COVER	1
22	1309583GT	FORMING,AIR-CLEANER MOUNT	1

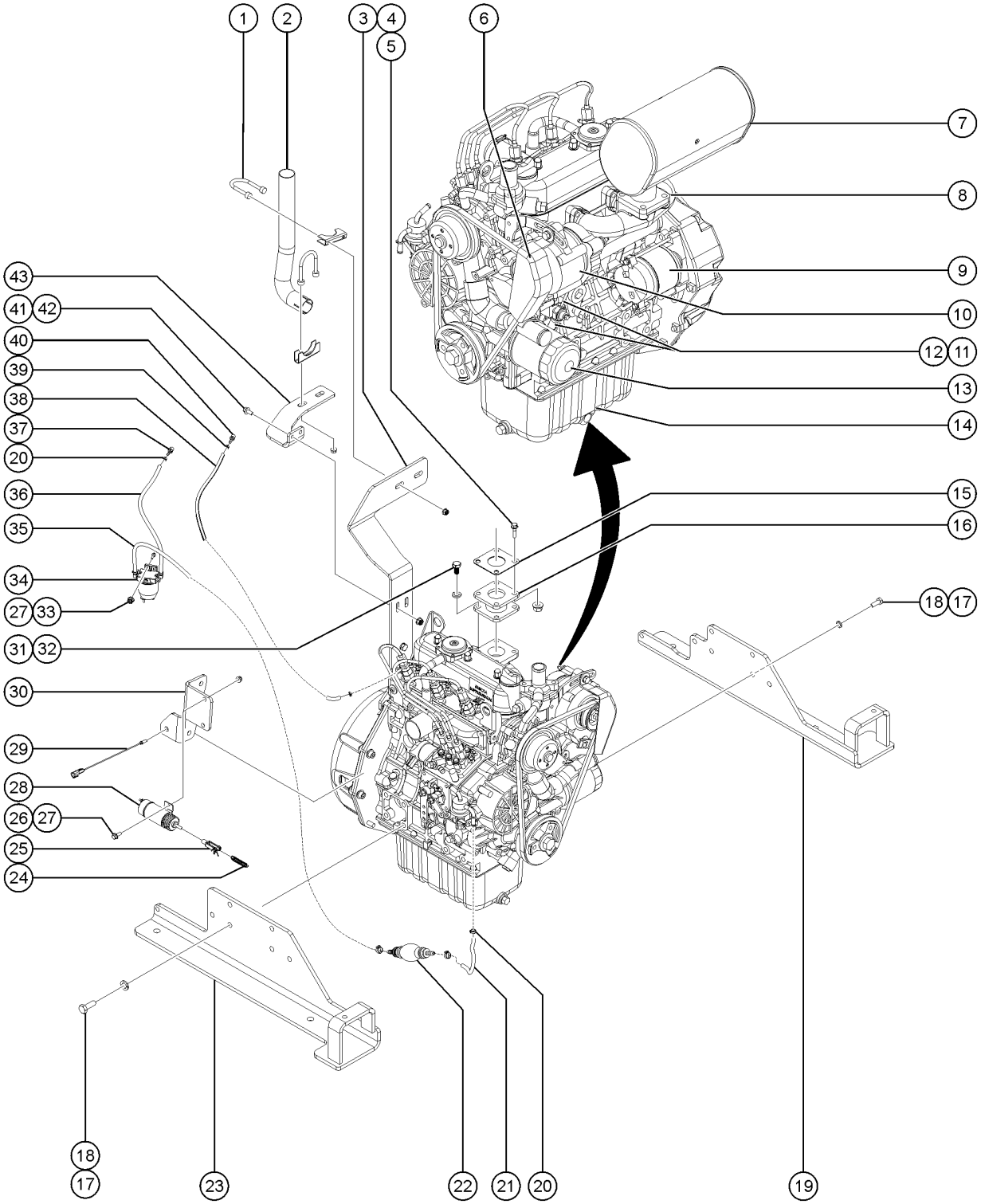
414.1 Kubota D1105 Engine, View 2



414.1 Kubota D1105 Engine, View 2

Item	Part No.	Description	Qty.
1	32064GT	CLAMP,MUFFLER,1.75 INCH	2
2	1309584GT	EXHAUST PIPE,KUBOTA D1105	1
3	1309583GT	FORMING,AIR-CLEANER MOUNT	1
4	824087GT	SCREW, HHF, 5/16-18 X 1.25, 8, ZAG	4
5	824028GT	NUT, TL FLG, 5/16-18, G, ZAG	4
6	148099GT	COVER,V-BELT,D1105,KUBOTA	1
7	131378GT	MUFFLER ASSEMBLY	1
8	32192GT	MANIFOLD,EXHAUST,KUBOTA D905	1
9	65837GT	STARTER,KUBOTA D905 VERS 2*** use until exhausted, (replaced by 866101)	1
9B	866101GT	KUBOTA STARTER D1105/905	1
10	101203GT	ALTERNATOR,40 AMP,INT REG	1
10-	231231GT	STAY,ALTERNATOR,D-1105	
11	231226GT	DIPSTICK,D-1105	1
12	231227GT	DIPSTICK GUIDE,D-1105	1
13	866050GT	FILTER,OIL,KUBOTA	1
14	139280GT	OIL PAN	1
15	832128GT	GASKET,MUFFLER,KUBOTA D905/11	1
16	1288639GT	WELDMENT, SPACER, D1105 MUFFLER	1
17	824138GT	SCREW, HHC, M10-1.25 X 30, DIN961, 10.9, ZAB	12
18	824142GT	WASHER, LOCK, M10, ZAB	12
19	1309053GT	WELDMENT,KUBOTA D1105 LEFT MOUNT	1
20	54123GT	CLAMP,HOSE,1 EAR, 5/8	6
21	27089GT	HOSE,5/16 FUEL,SAE 30R7	5
22	1298584GT	PRIMER, PUMP, FUEL, 5/16	1
23	1309052GT	WELDMENT,KUBOTA D1105 RIGHT MOUNT	1
24	31379GT	SPRING,TENSION-1.25 X.438 DIA	1
25	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
26	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2

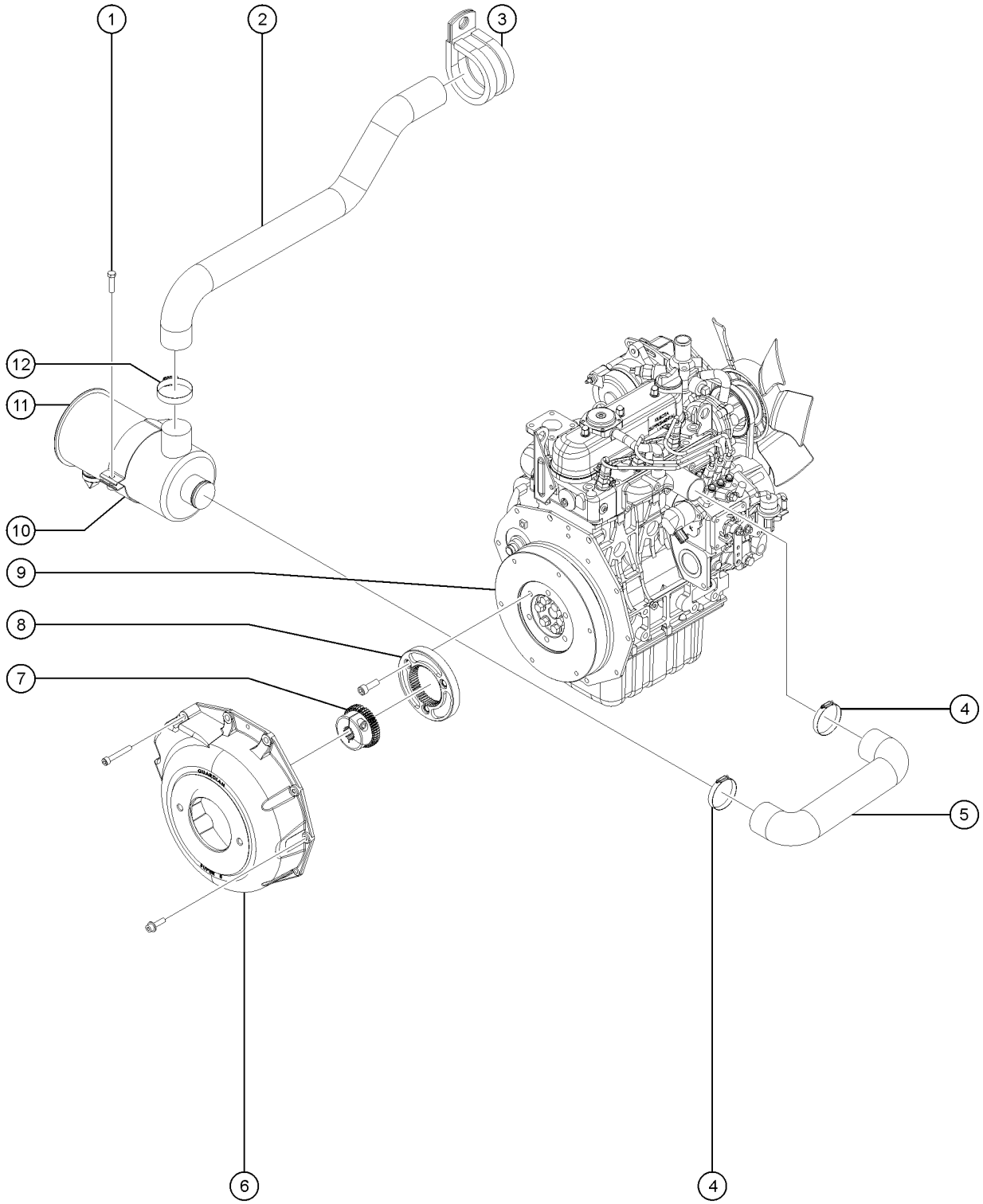
414.1 Kubota D1105 Engine, View 2



414.1 Kubota D1105 Engine, View 2

Item	Part No.	Description	Qty.
27	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	6
28	20780GT	SOLENOID,2 SPEED TROMBETTA***	1
29	1267984GT	ASSY, MAG SPEED PICKUP	1
30	1283901GT	BRACKET, SOLENOID MOUNT	1
31	994300GT	SCREW M8X1.25X16MMHHCS ZP	4
32	824141GT	WASHER,LOCK,M8,ZAB	4
33	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	4
34	56949GT	FILTER/SEPARATOR,FUEL DIESEL**	
35	27089GT	HOSE,5/16 FUEL,SAE 30R7	142
36	27089GT	HOSE,5/16 FUEL,SAE 30R7	26
37	54124GT	HOSE END,BARB,3/8 MNPT X 5/16	1
38	35418GT	HOSE,FUEL,3/16,SAE 30R7	152
39	31982GT	CLAMP,HOSE,1 EAR, 15/32	1
40	826601GT	FITTING, 3/8 NPT TO 3/16 HOSE	1
41	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	2
42	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
43	1310889GT	FORMING, MUFFLER BRACKET, Z45	1

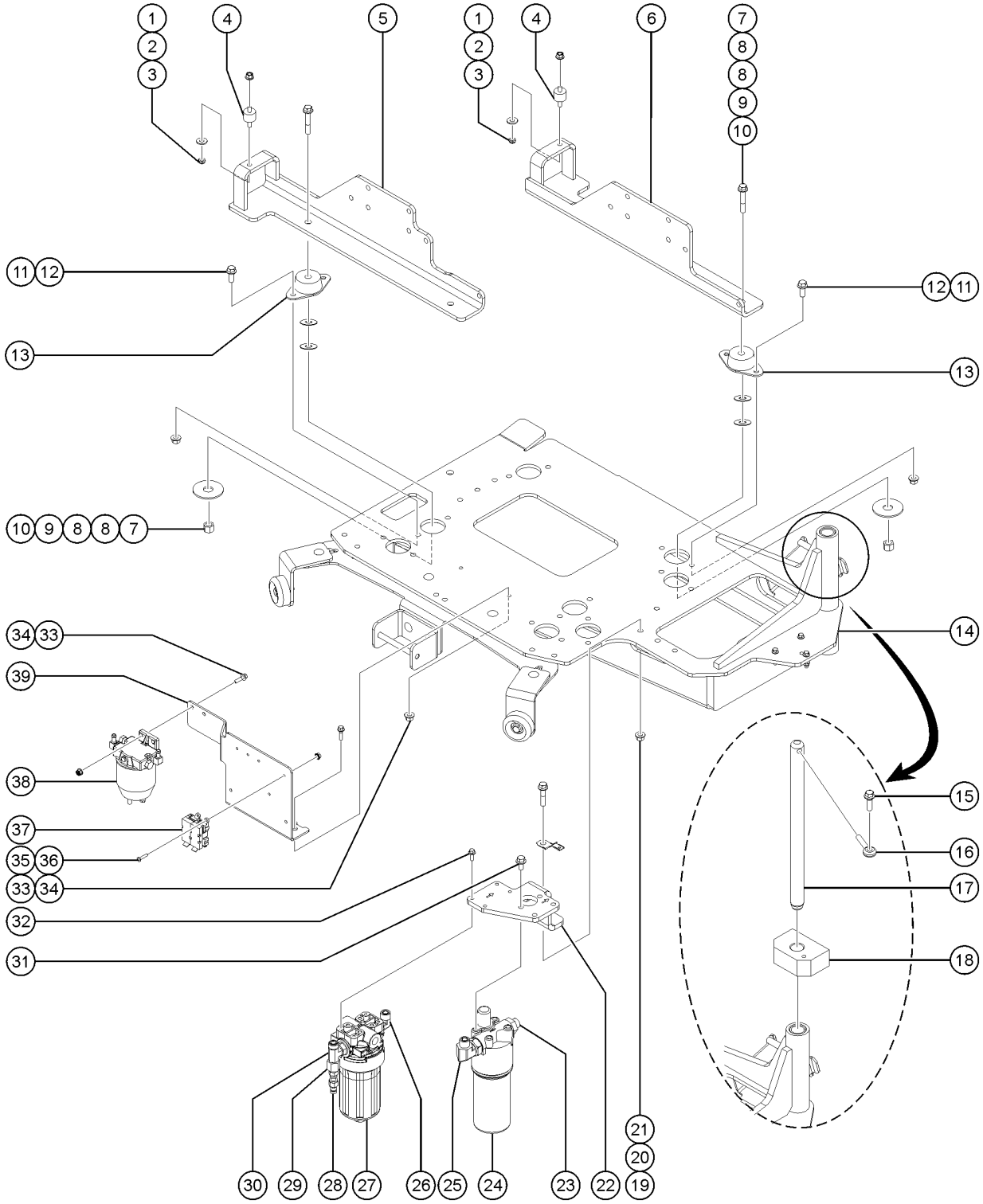
415.1 Kubota D1105 Engine, View 3



415.1 Kubota D1105 Engine, View 3

Item	Part No.	Description	Qty.
-	161070GT	KIT, BELLHOUSING, D1105 (includes items 6-8)	1
1	101719GT	SCREW,HHC,5/16-18 X 1.375	1
2	139141GT	HOSE,AIR INTAKE,KUBOTA	1
3	1307708GT	CLAMP, 2X0.75 RUBBER-CUSHION	1
4	62114GT	CLAMP-HOSE, AIR CLEANER	2
5	43700GT	PIPE,INLET, D905	1
6	161069GT	BELLHOUSING, D1105	1
6-	219242GT	KIT, HARDWARE, BELLHOUSING	
7	161071GT	HUB, SAE B-B SPLINE, 42 TEETH	1
8	94688GT	ADAPTER, FLANGE GEAR, 3 HOLE	1
9	139274GT	COMP. FLYWHEEL	1
10	101204GT	AIR CLEANER STAY	1
11	32184GT	AIR CLEANER KIT,KUBOTA D905	1
12	35434GT	CLAMP,HOSE,2.00***	1

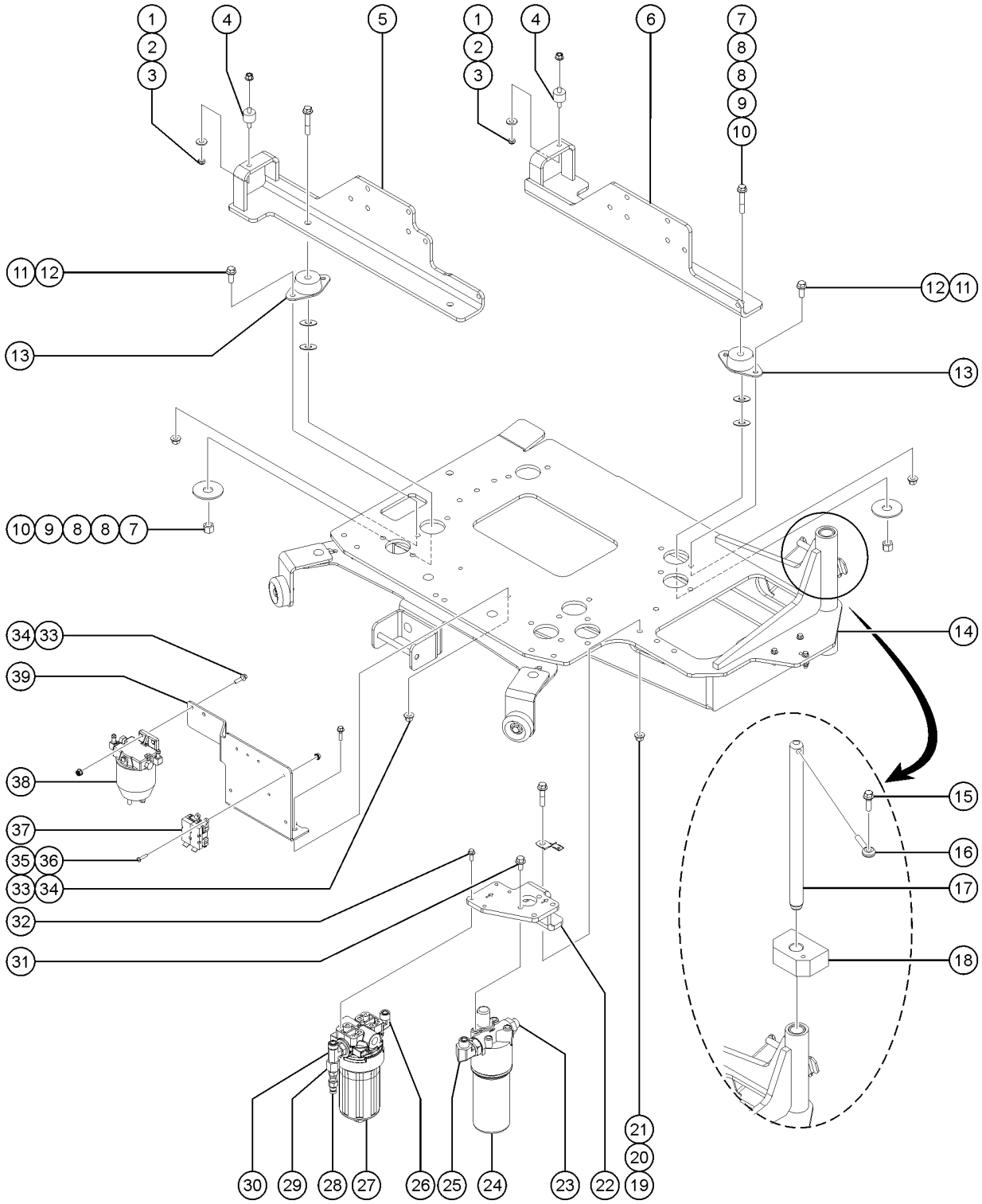
416.1 Engine Tray (Kubota D1105), View 4



416.1 Engine Tray (Kubota D1105), View 4

Item	Part No.	Description	Qty.
1	1283027GT	NUT,LP NYLOCK,5/16-18,2,ZAG	2
2	825358GT	WASHER,FLAT,5/16,USS,ZAG	2
3	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	2
4	219437GT	ISOLATOR,VIBRATION	2
5		Ref. Weldment, Kubota D1105 Side Mount, Left (refer to 414.1)	1
6		Ref. Weldment, Kubota D1105 Side Mount, Right (refer to 414.1)	1
7	1255802GT	SCREW,HHF,1/2-13X2.5,8,ZAG	4
8	1255760GT	WASHER,FLAT,1/2,USS,ZAG	8
9	101729GT	WASHER,VIBRATION ISOLATING	4
10	1256106GT	NUT,TL,1/2-13,C,ZAG	4
11	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	8
12	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	8
13	70452GT	ISOLATOR,ENGINE VIBRATION***	4
14	1310941GT	ASSEMBLY,ENGINE TRAY,Z45, D1105 included item 15,16,17,18	1
15	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	1
16	1255452GT	ROD END,.375 X 2.25,ZAG	1
17	107803GT	PIN,1.00DIAX15.56LG,CHAMFER	1
18	107805GT	EAR, ENGINE TRAY PIVOT	1
19	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	2
20	99346GT	CLIP, METAL MOUNTING	1
21	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG	2
22	235654GT	FORMING,OIL FILTER BRACKET	1
23	48948GT	CONN,520120-8-12	1
24	1310714GT	FILTER ASSY, HIGH PRESS SAE-12*	1
25	48947GT	ELBOW,90D,520220-8-12	1
26	48932GT	FITTING,ELBOW,90D,520220-8***	1
27	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8 (to SN Z4525D-7133)	1
27-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS (to SN Z4525D-7133)	

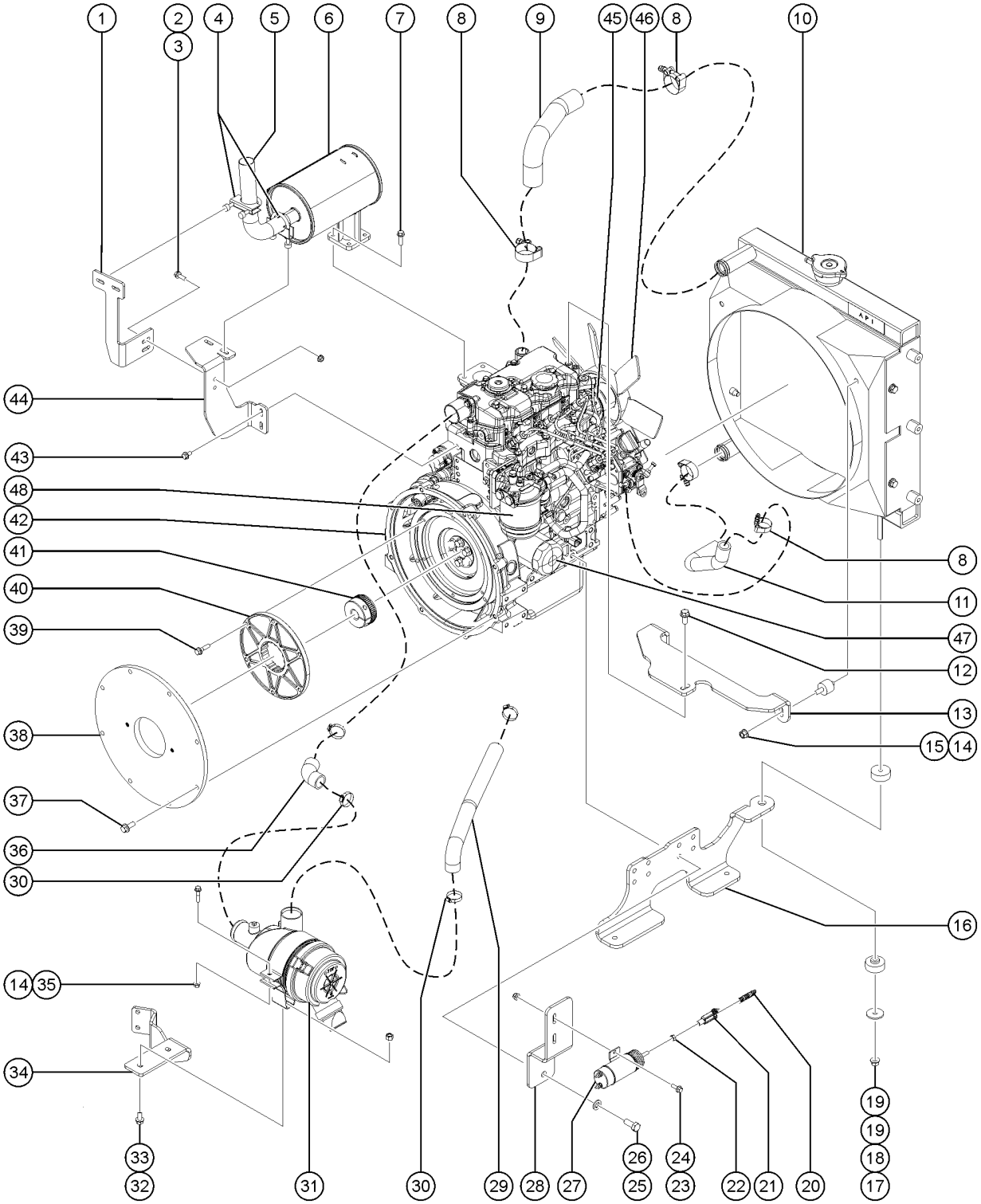
416.1 Engine Tray (Kubota D1105), View 4



416.1 Engine Tray (Kubota D1105), View 4

Item	Part No.	Description	Qty.
27B	1314860GT	FILTER ASSEM., MEDI PRESSURE, SAE8 (from SN Z4525D-7134)	1
27B-	1314861GT	ELEMENT-5 MIC, FIBERGLASS, W/ BYPASS for 1314860, (from SN Z4525D-7134)	
28	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	1
29	48941GT	REDUCER,520123-8-4	1
30	48936GT	TEE,BRANCH,520429-8	1
31	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	4
32	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4
33	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
34	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
35	1253490GT	SCREW,PHPM,8-32 X .75,ZAG	2
36	1263070GT	NUT,SERRATED,8-32,ZAG	2
37	218221GT	ASSY,FUSE BLOCK,LMI,1 POLE	1
38	1291325GT	ASSEMBLY, FUEL FILTER/W SEPERATOR	1
39	1309785GT	MOUNTING BRACKET, PANEL AND FILTER	1

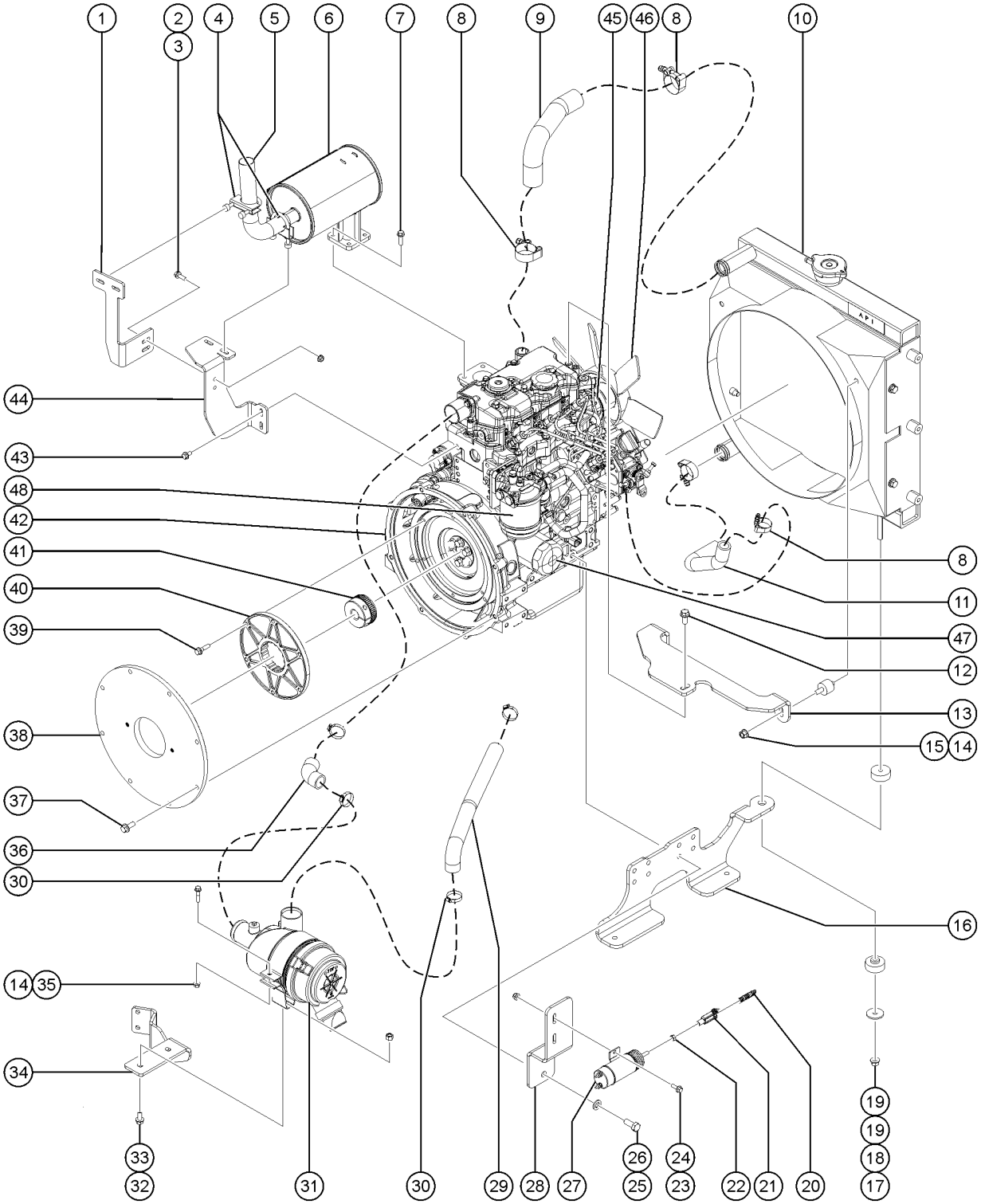
417.1 Perkins 403J-11/403EA-11 Engine, View 1



417.1 Perkins 403J-11/403EA-11 Engine, View 1

Item	Part No.	Description	Qty.
1	1317789GT	FORMING, TAIL PIPE BRACKET, PERKINS 403EA-11	1
2	824086GT	SCREW, HHF, 5/16-18 X 1, 8, ZAG	2
3	1255805GT	NUT,SERRATED,5/16-18,8,ZAG	2
4	32064GT	CLAMP,MUFFLER,1.75 INCH	2
5	1317698GT	TUBE, TAIL PIPE, PERKINS 403EA-11	1
6	1316932GT	MUFFLER, PERKINS 403EA-11, Z45IC	1
7	1255537GT	SCREW,HHF,M8-1.25X30,DIN6921,10.9,ZAB	4
8	1318198GT	CLAMP, T-BOLT, HOSE, 38mm-43mm	4
9	1317694GT	HOSE, UPPER RADIATOR, PERKINS 403EA-11	1
10	1316931GT	RADIATOR, PERKINS 403EA-11, Z45IC	1
11	1317695GT	HOSE, LOWER RADIATOR, PERKINS 403EA-11	1
12	824132GT	SCREW,HHF,M8-1.25X20,DIN6921,10.9,ZAB	1
13	1317786GT	FORMING, UPPER RADIATOR SUPPORT, PERKINS 403EA-11	1
14	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	3
15	48498GT	ISOLATOR,AIR FILTER MOUNT	2
16	1317792GT	FORMING, RS ENGINE MOUNT, PERKINS 403EA-11, Z45IC	1
17	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	2
18	824120GT	WASHER, FLAT, .375 X 1.50 X .125, ZAG	2
19	24038GT	SHOCK MOUNT,SMALL	4
20	31379GT	SPRING,TENSION-1.25 X.438 DIA	1
21	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
22	21496GT	NUT,HEX,1/4-28	1
23	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
24	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
25	1306496GT	SCREW,HHC,M12-1.25X30,DIN961,10.9,ZAB	8
26	824146GT	WASHER, FLAT, DIN125, M12, ZAB	14
27	20780GT	SOLENOID,2 SPEED TROMBETTA***	1
28	1317795GT	FORMING, SOLENOID BRACKET, PERKINS 403EA-11	1

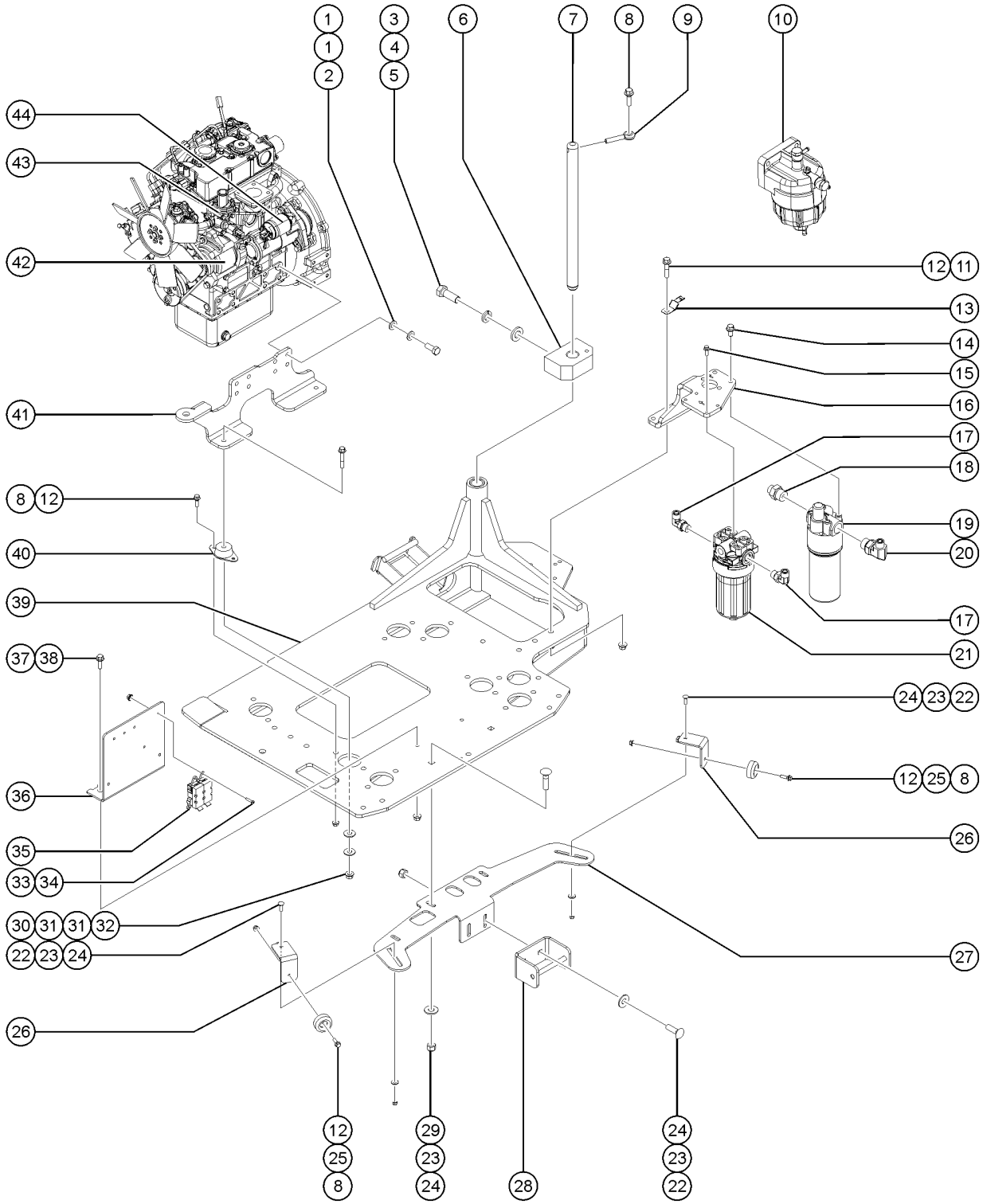
417.1 Perkins 403J-11/403EA-11 Engine, View 1



417.1 Perkins 403J-11/403EA-11 Engine, View 1

Item	Part No.	Description	Qty.
29	1317697GT	HOSE, RAW AIR INLET, PERKINS 403EA-11	1
30	35434GT	CLAMP,HOSE,2.00***	4
31	1316954GT	AIR CLEANER, PERKINS 403EA-11	1
32	824085GT	SCREW, HHF, 5/16-18 X .75, 8, ZAG	2
33	1274321GT	NUT,NYLOCK,5/16-18,C,ZAG	2
34	1317787GT	FORMING, AIR CLEANER BRACKET, PERKINS 403EA-11	1
35	1255763GT	SCREW,HHF,5/16-18X1.5,8,ZAG	1
36	1317696GT	HOSE, CLEAN AIR INLET, PERKINS 403EA-11	1
37	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	8
38	1316957GT	COVER, BELL HOUSING, PERKINS 403EA-11	1
39	824087GT	SCREW, HHF, 5/16-18 X 1.25, 8, ZAG	6
40	1316955GT	FLYWHEEL COUPLER, PERKINS 403EA-11	1
41	1316956GT	PUMP MOUNT, PERKINS 403EA-11	1
42	1316953GT	ENGINE, PERKINS 403J-11 Perkins 403J-11	1
42B	1320675GT	ENGINE, PERKINS 403EA-11 Perkins 403EA-11	1
43	1251983GT	SCREW,HHF,M8-1.25X16,DIN6921,10.9,ZAB	2
44	1317788GT	FORMING, MUFFLER BRACKET, PERKINS 403EA-11	1
45	1319672GT	FAN BELT,403J-11	1
46	1320093GT	FAN ,403J-11	1
47	1319675GT	FILTER ELEMENT,FUEL,403J-11	1
48	1319673GT	FILTER,ENGINE OIL,403J-11	1
49	1319681GT	SHUTDOWN SOLENOID VALVE,403J-11 (not shown)	1
50	1320094GT	HIGH PRESSURE OIL PUMP,403J-11 (not shown)	1
51	1319679GT	PUMP, WATER,403J-11 (not shown)	1
52	1319682GT	OIL PRESSURE SENSOR, 403J-11 (not shown)	1
53	1319683GT	WATER TEMPERATURE SENSOR,403J-11 (not shown)	1

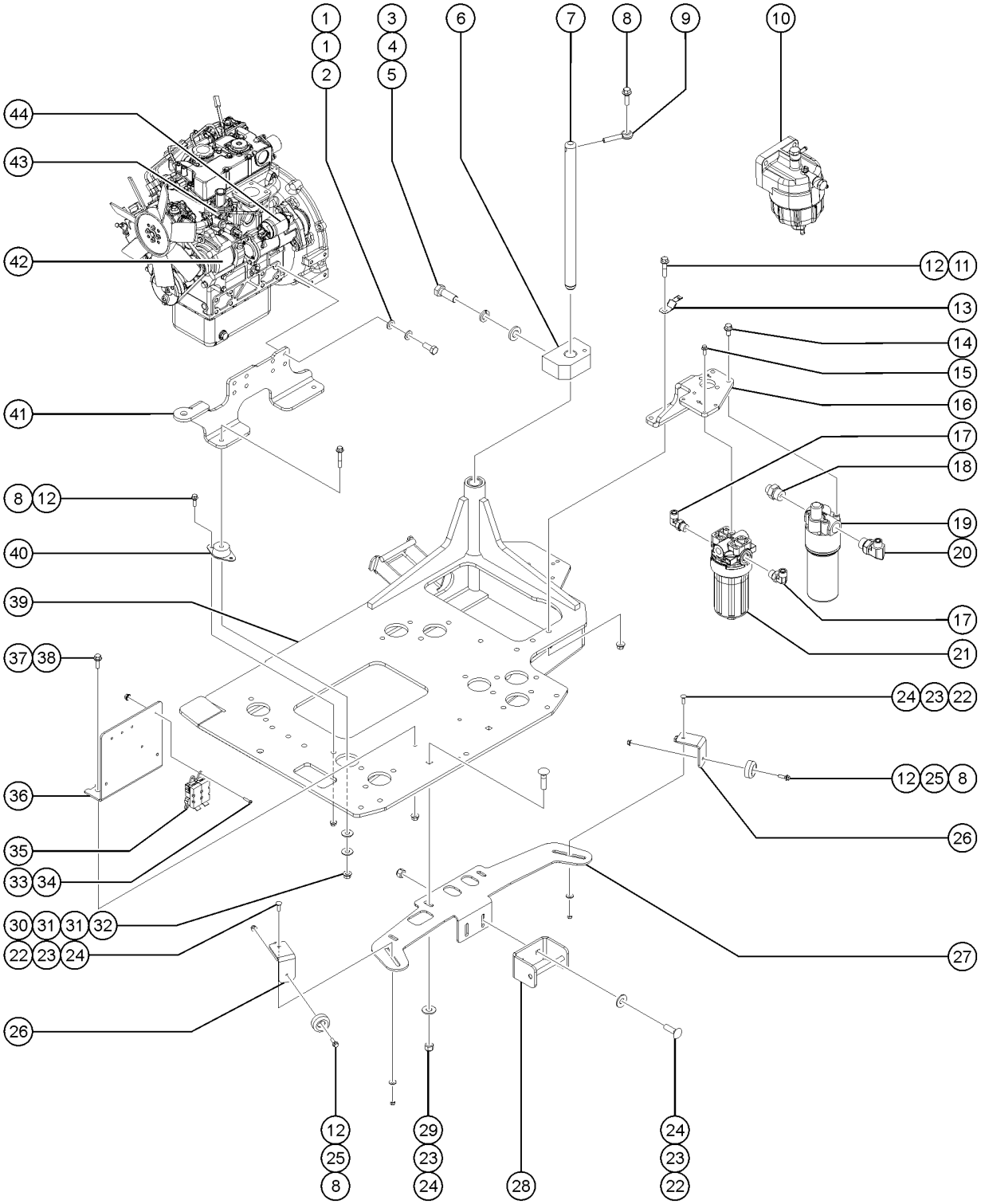
418.1 Perkins 403J-11/403EA-11 Engine, View 2



418.1 Perkins 403J-11/403EA-11 Engine, View 2

Item	Part No.	Description	Qty.
1	824146GT	WASHER, FLAT, DIN125, M12, ZAB	16
2	1306496GT	SCREW,HHC,M12-1.25X30,DIN961,10.9,ZAB	8
3	1260372GT	SCREW,HHC,5/8-11X1.75,8,ZAG	2
4	1257229GT	WASHER,LOCK,5/8,ZAG	2
5	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	2
6	107805GT	EAR, ENGINE TRAY PIVOT	1
7	107803GT	PIN,1.00DIAX15.56LG,CHAMFER	1
8	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	11
9	1255452GT	ROD END,.375 X 2.25,ZAG	1
10	1310855GT	ASSY, FUEL FILTER/W SEPERATOR, CZL09	1
10-	1310856GT	FILTER/SEPARATOR ELEMENT KIT, CZL09	
11	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG	2
12	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	12
13	99346GT	CLIP, METAL MOUNTING	1
14	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	4
15	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4
16	235654GT	FORMING,OIL FILTER BRACKET	1
17	48932GT	FITTING,ELBOW,90D,520220-8***	2
18	48948GT	CONN,520120-8-12	1
19	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
20	48947GT	ELBOW,90D,520220-8-12	1
21	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8 (to SN Z4525D-7133)	1
21-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807, (to SN Z4525D-7133)	
21B	1314860GT	FILTER ASSEM., MEDI PRESSURE, SAE8 (from SN Z4525D-7134)	1
21B-	1314861GT	ELEMENT-5 MIC, FIBERGLASS, W/ BYPASS for 1314860, (from SN Z4525D-7134)	
22	1255757GT	BOLT,CARRIAGE,3/8-16X1.25,5,ZAG	4
23	1255758GT	WASHER,FLAT,3/8,USS,ZAG	6
24	1274166GT	NUT,NYLOCK,3/8-16,C,ZAG	6

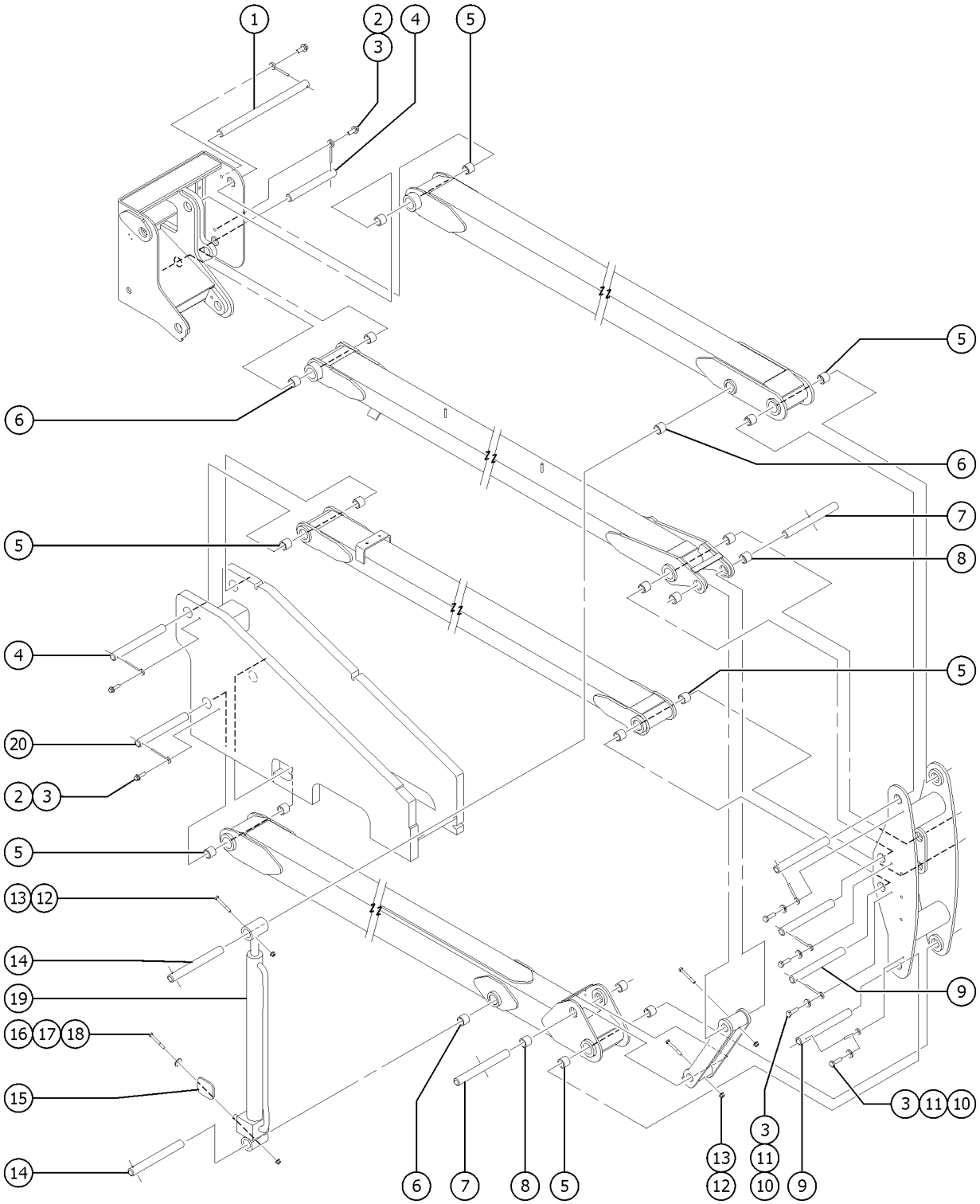
418.1 Perkins 403J-11/403EA-11 Engine, View 2



418.1 Perkins 403J-11/403EA-11 Engine, View 2

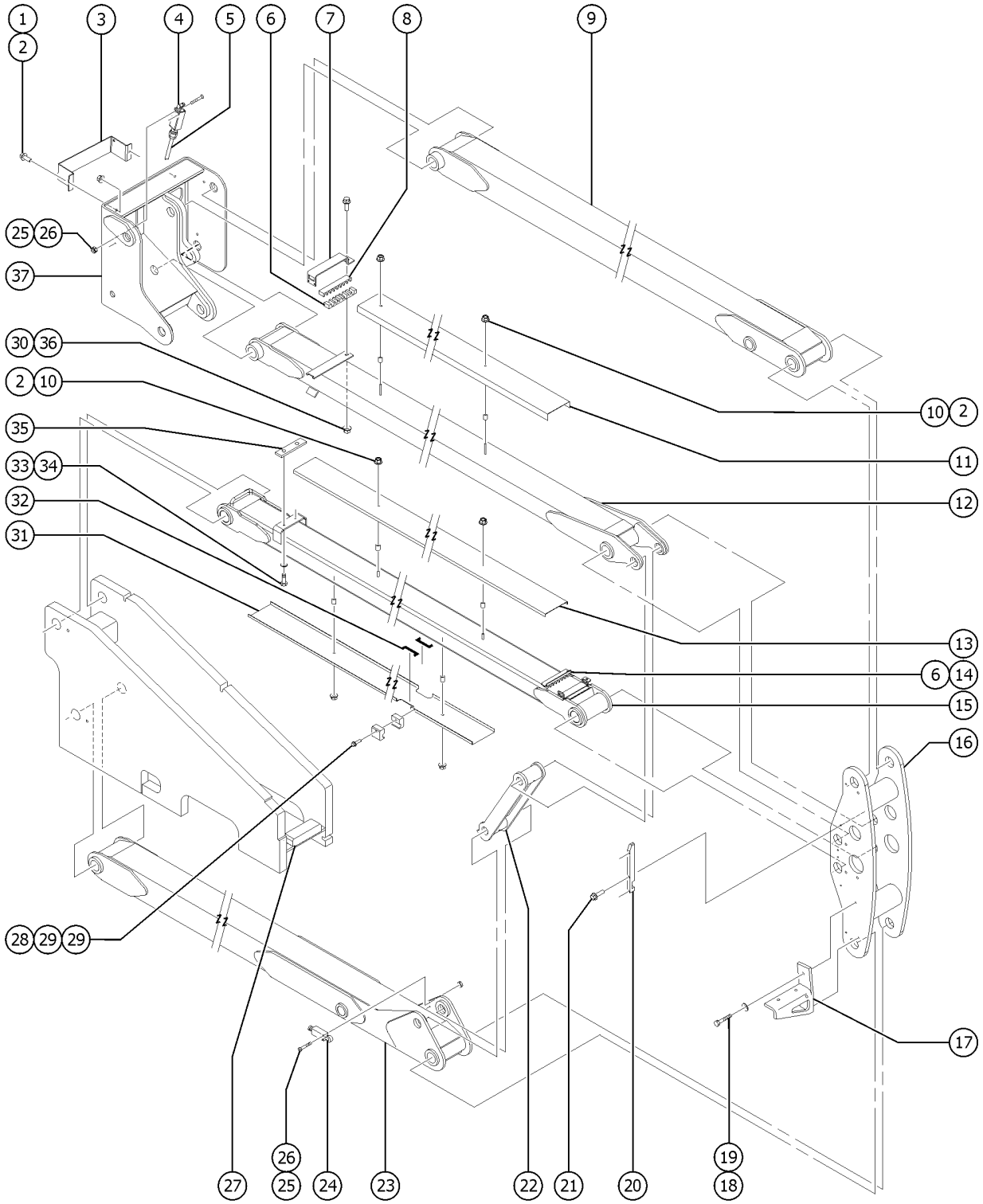
Item	Part No.	Description	Qty.
25	50974GT	BUMPER,RUBBER,COVERS	2
26	1272711GT	FORMING, ENGINE SIDE BUMP MOUNT	2
27	1272706GT	FORMING, ENGINE COVER LATCH	1
28	1270059GT	WELDMENT, LATCH STRIKER	1
29	1256756GT	BOLT,CARRIAGE,3/8-16X1.5,5,ZAG	2
30	1274172GT	NUT,NYLOCK FLG,1/2-13,G,ZAG	4
31	1255760GT	WASHER,FLAT,1/2,USS,ZAG	8
32	1251994GT	SCREW,HHF,1/2-13X3,8,ZAG	4
33	1253490GT	SCREW,PHPM,8-32 X .75,ZAG	2
34	1263070GT	NUT,SERRATED,8-32,ZAG	2
35	218221GT	ASSY,FUSE BLOCK,LMI,1 POLE	1
36	1305612GT	MOUNTING BRKT,ELECTRICAL PANEL	1
37	824086GT	SCREW, HHF, 5/16-18 X 1, 8, ZAG	2
38	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	2
39	1306747GT	ASSY, ENGINE TRAY, Z45	1
40	70452GT	ISOLATOR,ENGINE VIBRATION***	4
41	1317791GT	FORMING, LS ENGINE MOUNT, PERKINS 403EA-11, Z45IC	1
42	1319678GT	GENERATOR,403J-11	1
43	1319680GT	THERMOSTAT,403J-11	1
44	1319677GT	STARTER ,403J-11	1

501.1 Boom Pins and Bearings



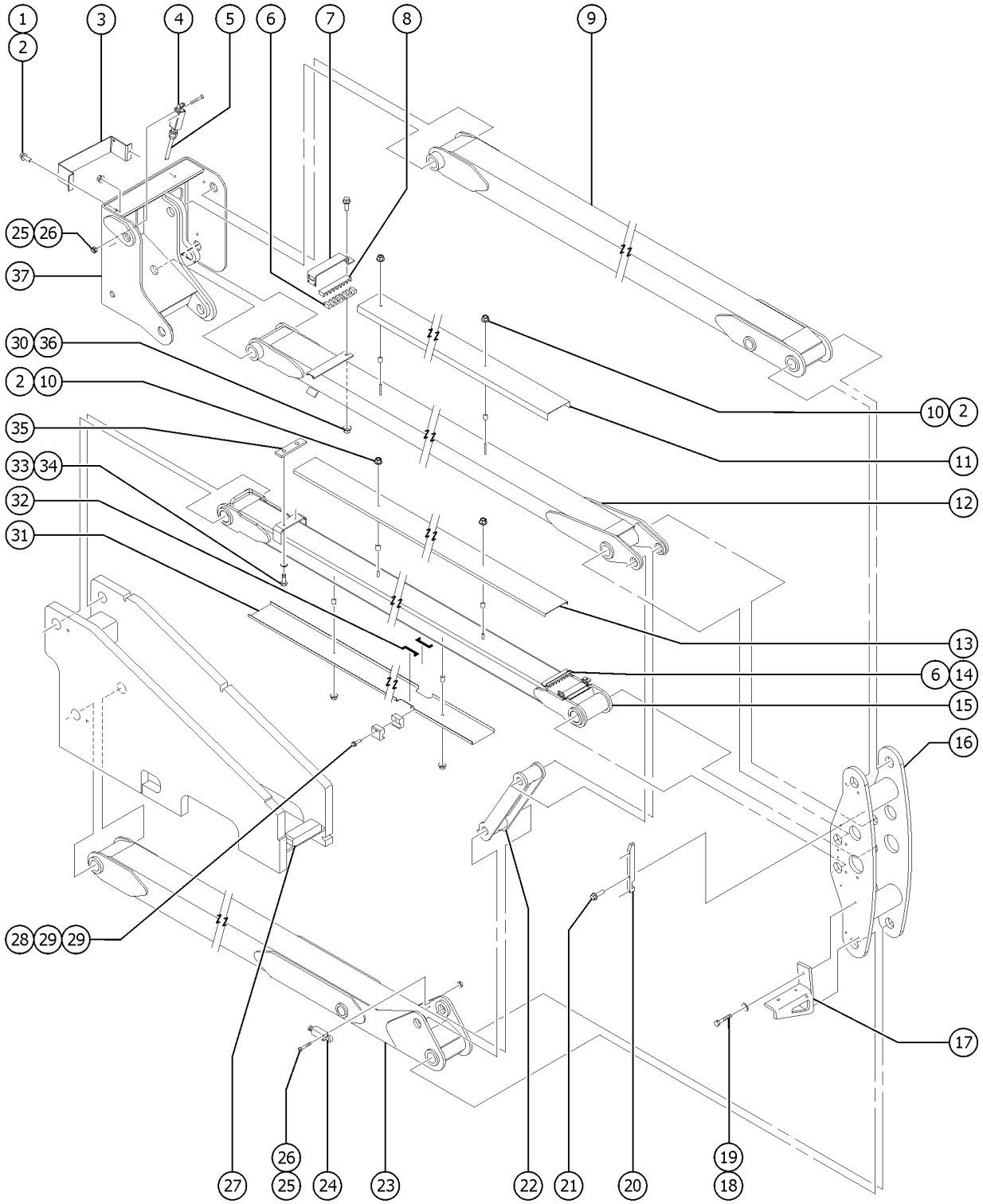
Item	Part No.	Description	Qty.
1	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
2	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	4
3	1256267GT	ROD END,.5 X 3.75,ZAG	8
4	107859GT	PIN,2.00DIAX12.88LG,CHAMFER***	2
5	18720GT	BEARING,2.0IDX2.25ODX1.50L	16
6	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
7	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
8	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	4
9	107588GT	PIN,2.00DIAX10.88LG,CHAMFER	4
10	1256844GT	SCREW,HHC,1/2-13X1.5,8,ZAG	4
11	824111GT	WASHER, LOCK, 1/2, ZAG	4
12	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4
13	1260940GT	SCREW,HHC,3/8-16X3,8,ZAG	4
14	50455GT	PIN,1.50DIAX13.88LG,2HOLE	4
15	54726GT	WEAR PAD,SECONDARY CYL,NON/JIB Z-45/25 non jib	1
16	1259681GT	SCREW,HHC,3/8-16X3.75,8,ZAG Z-45/25 non jib	
17	1255758GT	WASHER,FLAT,3/8,USS,ZAG Z-45/25 non jib	
18	824029GT	NUT, TL FLG, 3/8-16, G, ZAG Z-45/25 non jib	
19	88203GT	CYLINDER,ELEVATE,Z45/25***	2
19-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN for 88203	
19-	77521GT	SEAL KIT,ELEVATE (88203) for 88203	
20	107590GT	PIN,2.00DIAX12.88LG,CHAMFER***	1

502.1 Boom Linkage



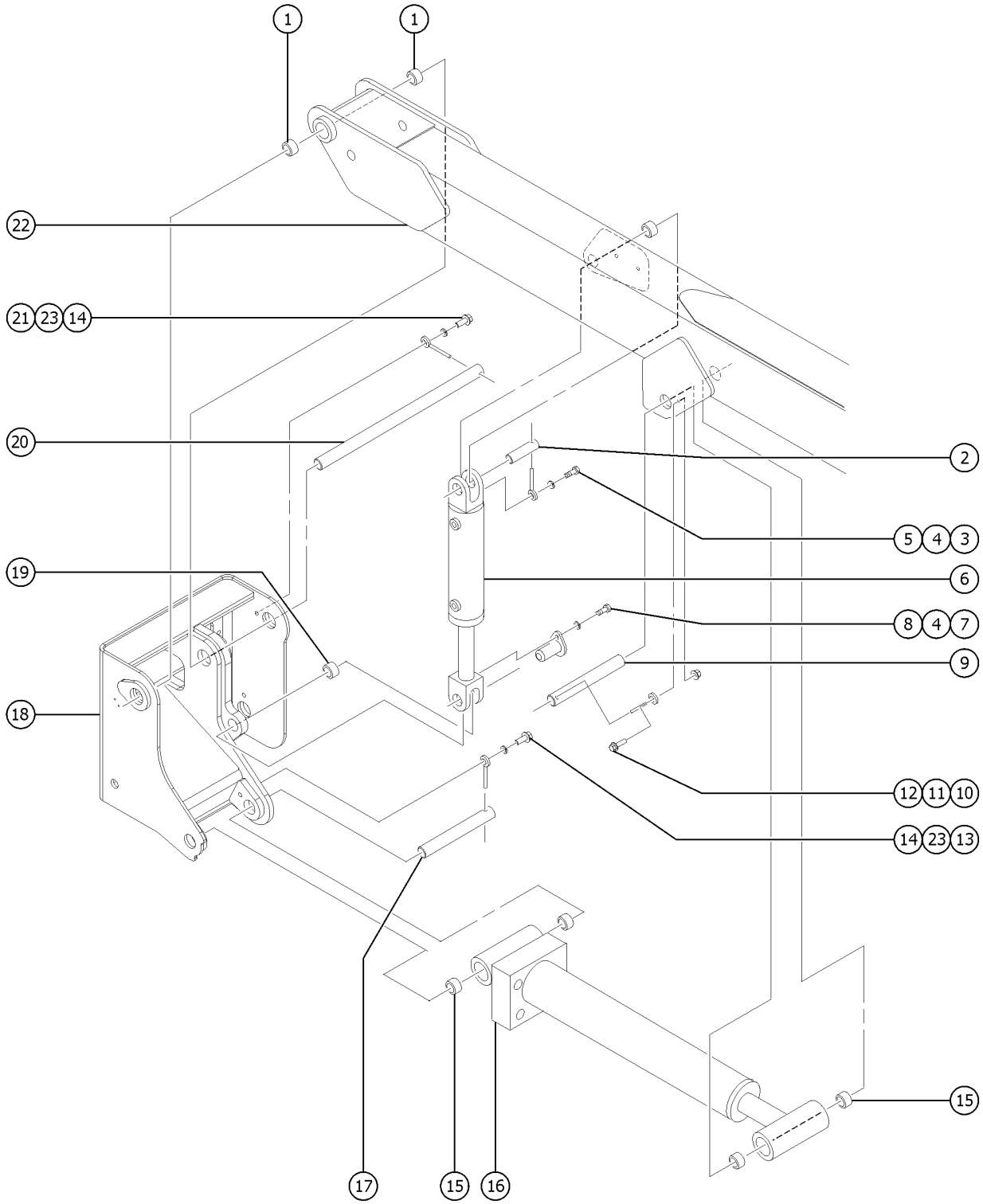
Item	Part No.	Description	Qty.
1	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	2
2	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	11
3	237688GT	COVER, UPPER PIVOT	1
4	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
4-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
4-	97128GT	ROLLER ARM,LIMIT SWITCH***	
5	43960GT	WIRE CABLE,16/4 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
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
18	10587GT	SCREW,HHC,1/2-13 X.75 Z-45/25	
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	
20	107881GT	WEAR PAD,MID PIVOT*** Z-45/25	2
20B	107881GT	WEAR PAD,MID PIVOT*** Z-45/25J	1
21	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG Z-45/25	6
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

502.1 Boom Linkage



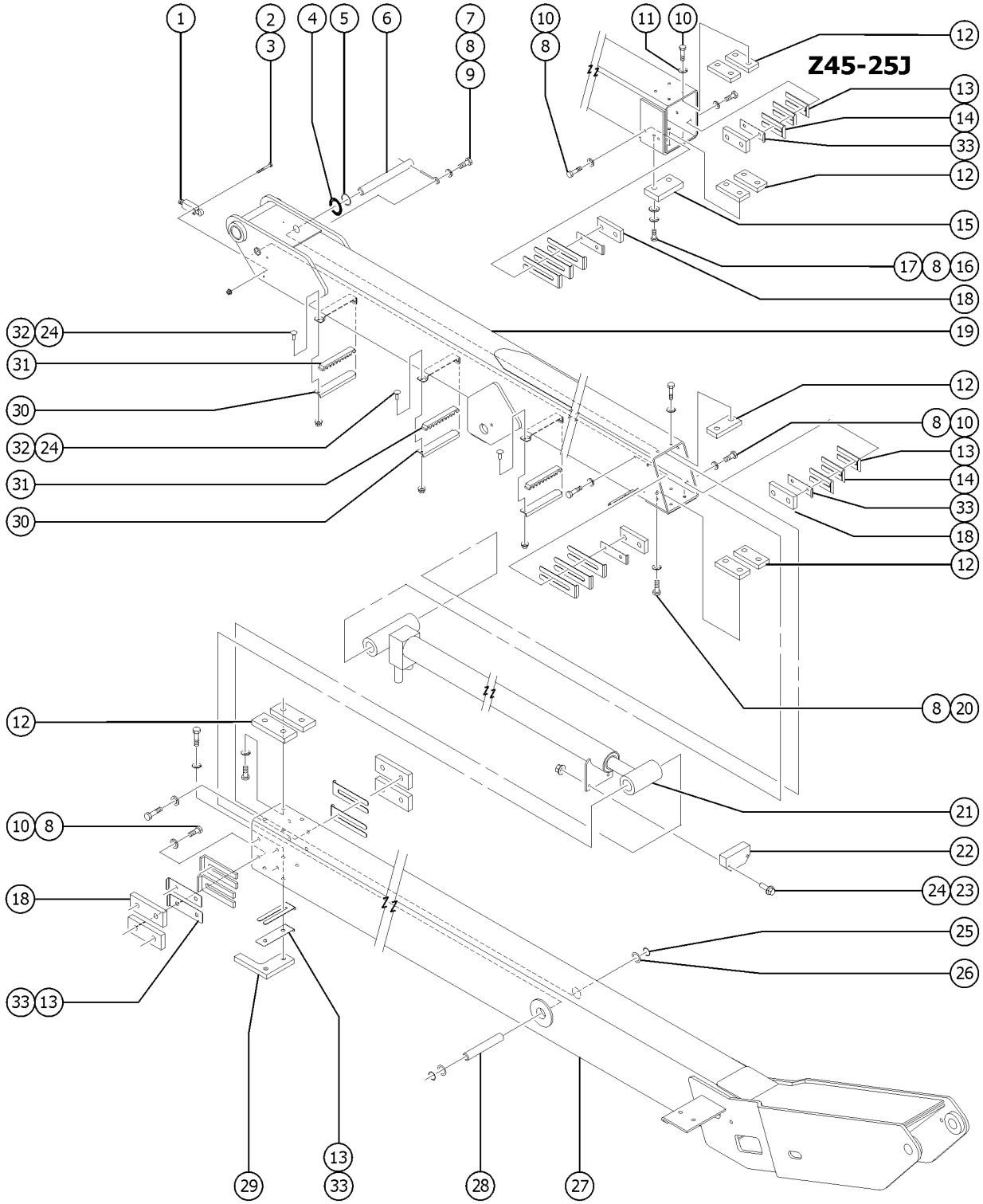
Item	Part No.	Description	Qty.
23	106976GT	WELDMENT,LOWER,SECONDARY***	1
24	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
24-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
24-	97128GT	ROLLER ARM,LIMIT SWITCH***	
25	1256177GT	SCREW,PHPM,10-32X1.75,ZAG	4
26	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	4
27	56849GT	PAD,REST,1"THICK,W/STUDS*	1
27-	824038GT	NUT,TL JAM,3/8-16,A,ZAG	2
28	1256855	SCREW,HHF,1/4-20X.625,8,ZAG to SN Z4525D-2703	2
28B	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG from SN Z4525D-2704	2
29	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH to SN Z4525D-2703	2
29B	1295211GT	CLAMPING BLOCK, HOSE from SN Z4525D-2704	4
30	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
31	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1
32	1697GT	TRIMLOCK,BLACK,3/16 cut to 4 inches	8
33	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	2
34	824110GT	WASHER, LOCK, 3/8, ZAG	2
35	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	
36	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
37		Ref. Upper Pivot Assembly (refer to 503.1)	

503.1 Upper Pivot Components



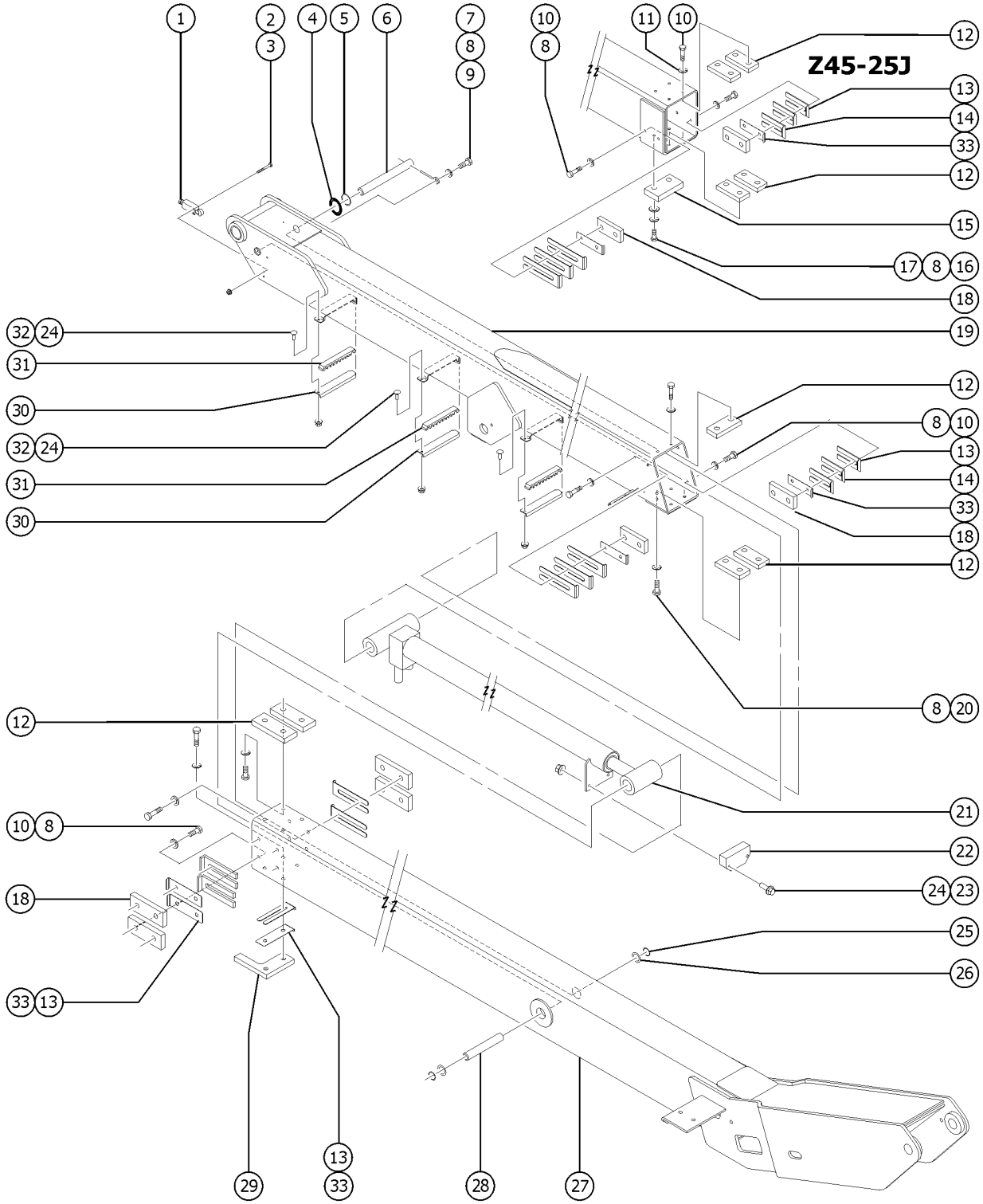
Item	Part No.	Description	Qty.
1	18720GT	BEARING,2.0IDX2.25ODX1.50L	2
2	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
3	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	
4	824110GT	WASHER, LOCK, 3/8, ZAG	
5	1255452GT	ROD END,.375 X 2.25,ZAG	1
6	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
6-	77364GT	SEAL KIT, LEVELING CYLINDER	
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	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
13	1256844GT	SCREW,HHC,1/2-13X1.5,8,ZAG	1
14	1256267GT	ROD END,.5 X 3.75,ZAG	2
15	1262633GT	BUSHING,POLYGON,BM5120	4
16	1263056GT	CYLINDER,PRIM LIFT NON JIB,Z45 Z-45/25 (includes item 15)	1
16-	77189GT	SEAL KIT,CYL,Z45 (77187&77188)	
16B	1263057GT	CYLINDER,PRIM LIFT JIB,Z45 Z-45/25 (includes item 15)	1
16B-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for 1263057	
17	70534GT	PIN,1.75DIAX11.88LG,CHAMFER	1
18	1288422GT	UPPER PIVOT,W/BEARING	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	1256844GT	SCREW,HHC,1/2-13X1.5,8,ZAG	
22		Ref. Primary and Extension Booms (refer to 504.1)	
23	824111GT	WASHER, LOCK, 1/2, ZAG	2

504.1 Primary and Extension Booms



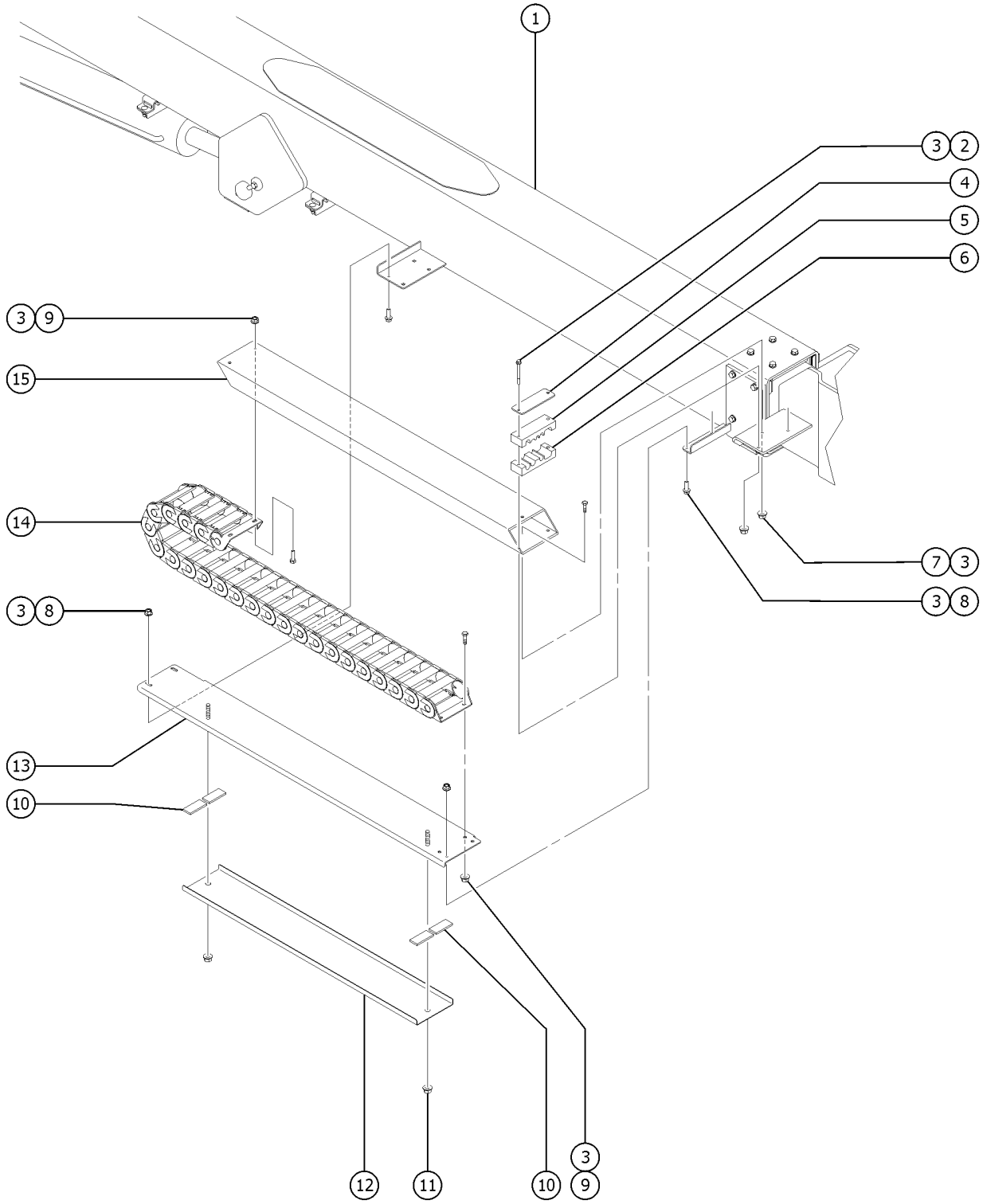
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	19491GT	CONTACTOR,LIMIT SWITCH	
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2	1256922GT	SCREW,PHPM,10-32X2.25,ZAG	
2B	1265481GT	SCREW,PHPM,10-32X2,ZAG Z-45/25J	
3	1264261GT	NUT,SERRATED,10-32,ZAG	
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
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
15	1295098GT	WEAR PAD W/BUSHING,PRIMARY BOOM,JIB 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
19	128603GTSB	WELDMENT, PRIMARY BOOM, Z45NJ, SUNBELT Z-45/25 non Jib, bearings and word decals included	1
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
21	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	

504.1 Primary and Extension Booms



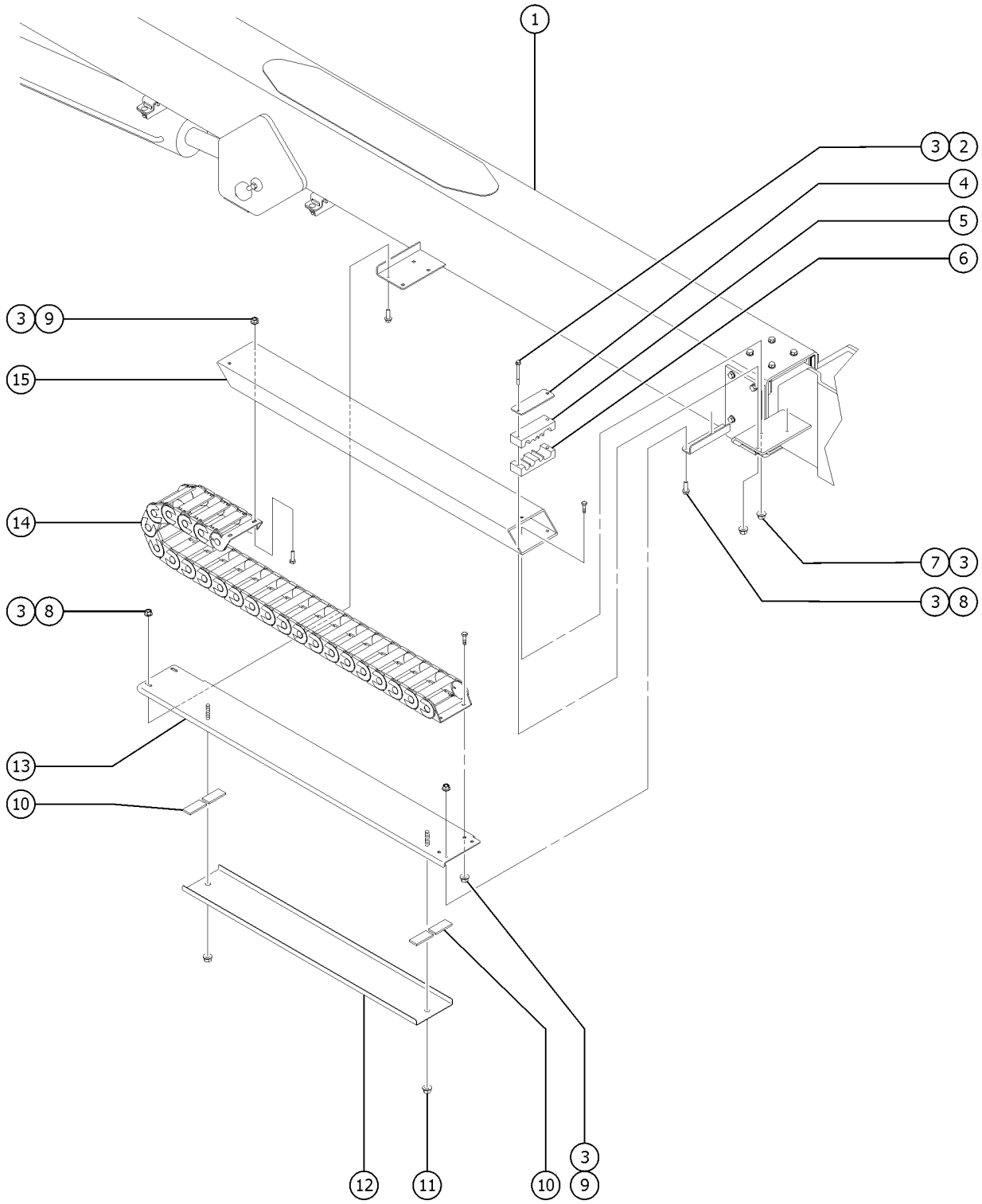
Item	Part No.	Description	Qty.
21A-	77410GT	VALVE,COUNTERBALNCE,1500 PSI** for 54570	
21B	54569GT	CYLINDER,EXTEND,Z45J*** Z-45/25J	
21B-	54063GT	VALVE,CB.CBBC-LHN@1000*** for 54569	
21B-	65790GT	SEAL KIT CYL.Z45(54569) for 54569	
21B-	77410GT	VALVE,COUNTERBALNCE,1500 PSI** for 54569	
21B-	43018GT	SEAL KIT (39345) for 54063	
21B-	43018GT	SEAL KIT (39345) for 54063	
22	50698GT	WEAR PAD,EXTENSION CYLINDER	1
23	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
26	824151GT	WASHER,SHIM,1.270X2.130X.062,Z	2
26B	824151GT	WASHER,SHIM,1.270X2.130X.062,Z Z-45/25J	4
27	128605GT	WELDMENT, EXT. BOOM,Z45 NJ Z-45/25 non Jib (shown)	1
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
32	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
33	1287821GT	SHIM,WEAR PAD,5X 1.5,14GA,HOLE	5

505.1 Cable Track



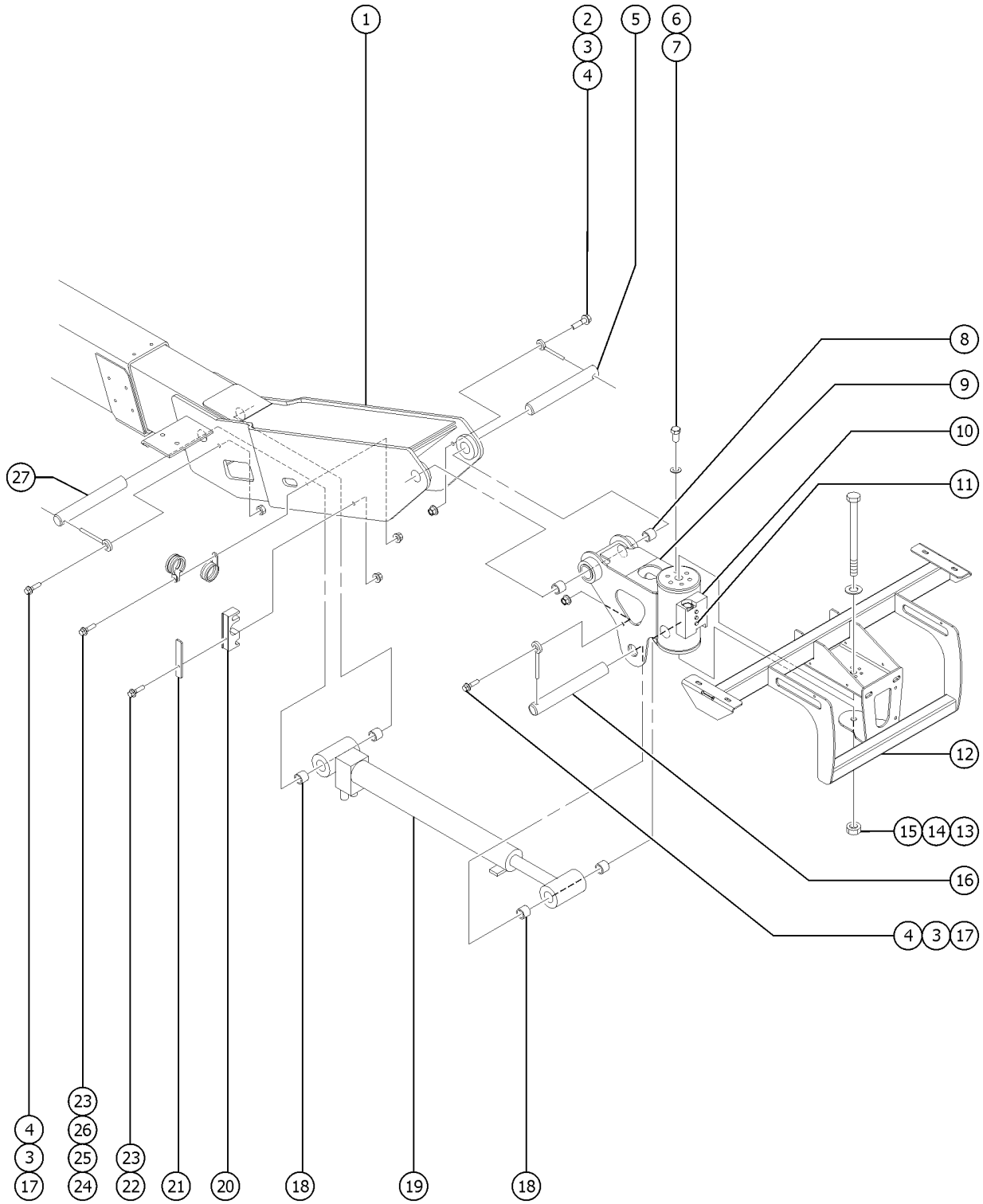
Item	Part No.	Description	Qty.
1		Ref. Primary and Extension Booms (refer to 504.1)	
2A	1256803GT	SCREW,HHC,1/4-20X2.75,8,ZAG	2
2B	1256803GT	SCREW,HHC,1/4-20X2.75,8,ZAG Z-45/25J	2
3	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	11
4	128862GT	BACKING PLATE, PULLTUBE	1
5	128310GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
6	128311GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
7	824079GT	SCREW,HHF,1/4-20X1,8,ZAG Z-45/25	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
12	128596GT	COVER, CABLETRACK TRAY, Z51 Z-45/25	1
12B	128308GT	COVER,CABLETRACK TRAY,Z40/45 Z-45/25J	1
13	139779GT	WELDMENT, CABLETRACK TRAY Z-45/25	1
13B	139781GT	WELDMENT, CABLETRACK TRAY Z-45/25J	1
14	139701GT	CABLE TRACK, NP400, 31 LINK Z-45/25, (to SN Z4525D-5023)	1
14A-	111051GT	REPAIR LINK,7 LINKS NP400-7*** for 139701, (to SN Z4525D-5023)	
14A-	111052GT	REPAIR LINK,NP400-7*** for 139701, (to SN Z4525D-5023)	
14A-	111053GT	REPAIR END BRKT SET,NP400-7*** for 139701, (to SN Z4525D-5023)	
14B	139702GT	CABLE TRACK, NP400, 23 LINK Z-45/25J, (to SN Z4525D-5023)	1
14B-	111051GT	REPAIR LINK,7 LINKS NP400-7*** for 139702, (to SN Z4525D-5023)	
14B-	111052GT	REPAIR LINK,NP400-7*** for 139702, (to SN Z4525D-5023)	
14B-	111053GT	REPAIR END BRKT SET,NP400-7*** for 139702, (to SN Z4525D-5023)	
14C	1310320GT	CABLE TRACK,TM60,PA6,21 LINK (from SN Z4525D-5025)	1
14C-	1311788GT	LINK,PA6,CDTM0901,CABLE TRACK (from SN Z4525D-5025)	
14C-	1311838GT	BRACKET SET,CDTM 0903 (from SN Z4525D-5025)	

505.1 Cable Track



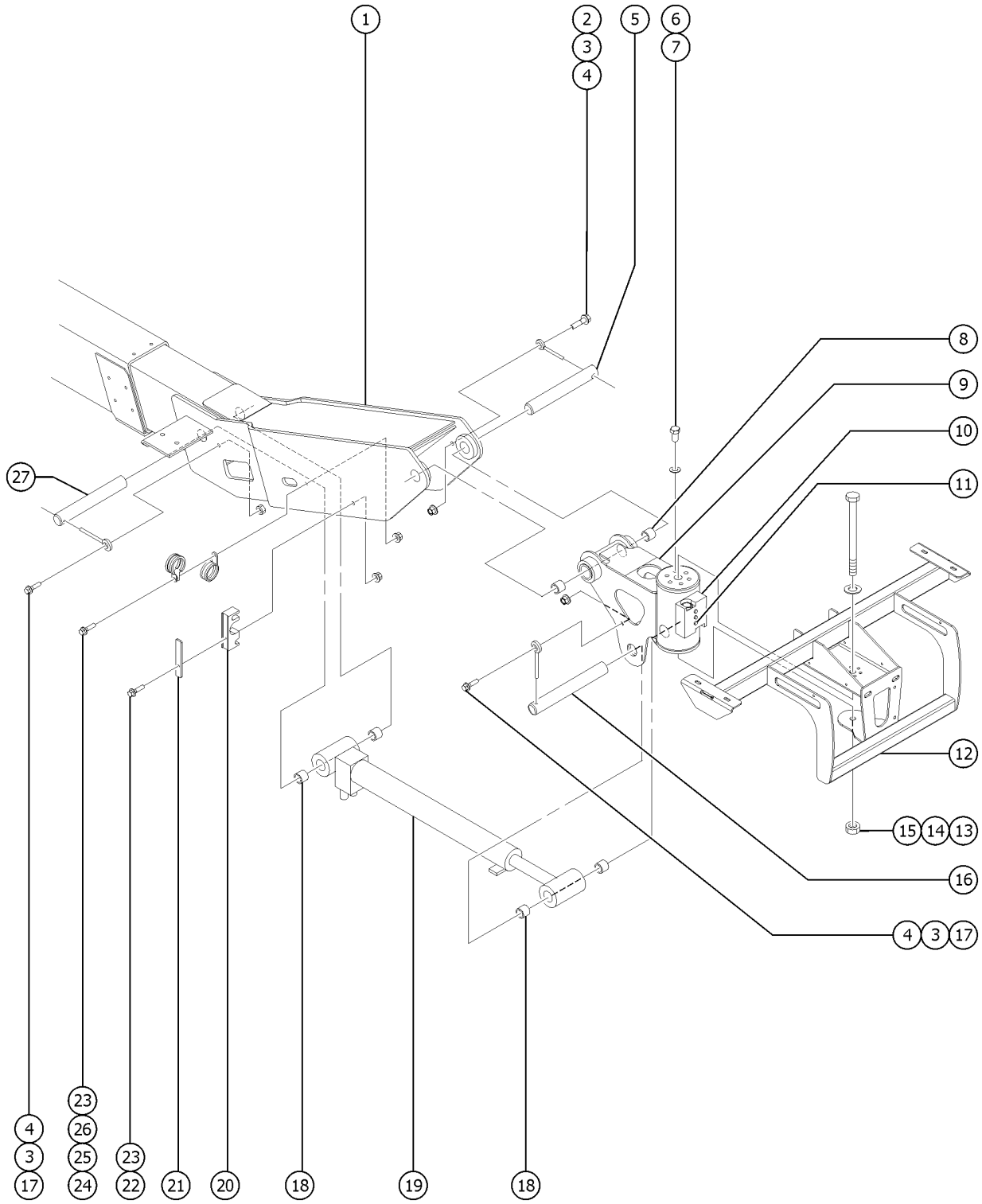
Item	Part No.	Description	Qty.
14C-	1311850GT	CROSS COVER,CDTM 0902 ..... (from SN Z4525D-5025)	
15	128597GT	TUBE, CABLETRACK ARM, Z51 ..... Z-45/25	1
15B	128309GT	TUBE, CABLETRACK ARM, Z40/45 ..... Z-45/25J	1

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



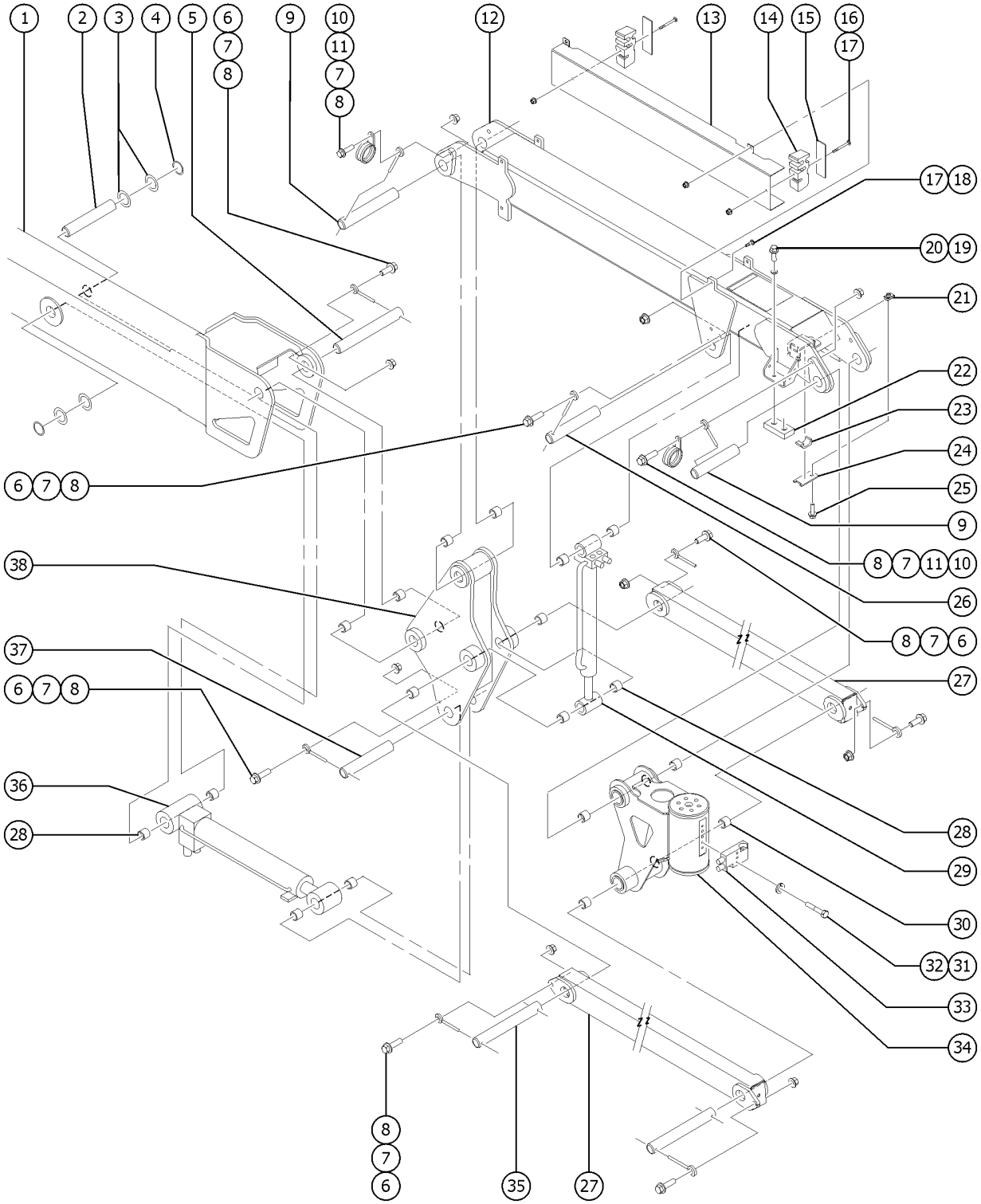
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103
1		Ref. Primary Extension Boom (refer to 504.1)	
2	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	1
3	825019GT	ROD END, .375X3.69, ZAG	3
4	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	3
5	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
6	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	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	1274173GT	NUT,NYLOCK,3/4-10,C,ZAG	1
14	1256863GT	WASHER,FLAT,.75,F436,HRD,ZAG	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
23	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2

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



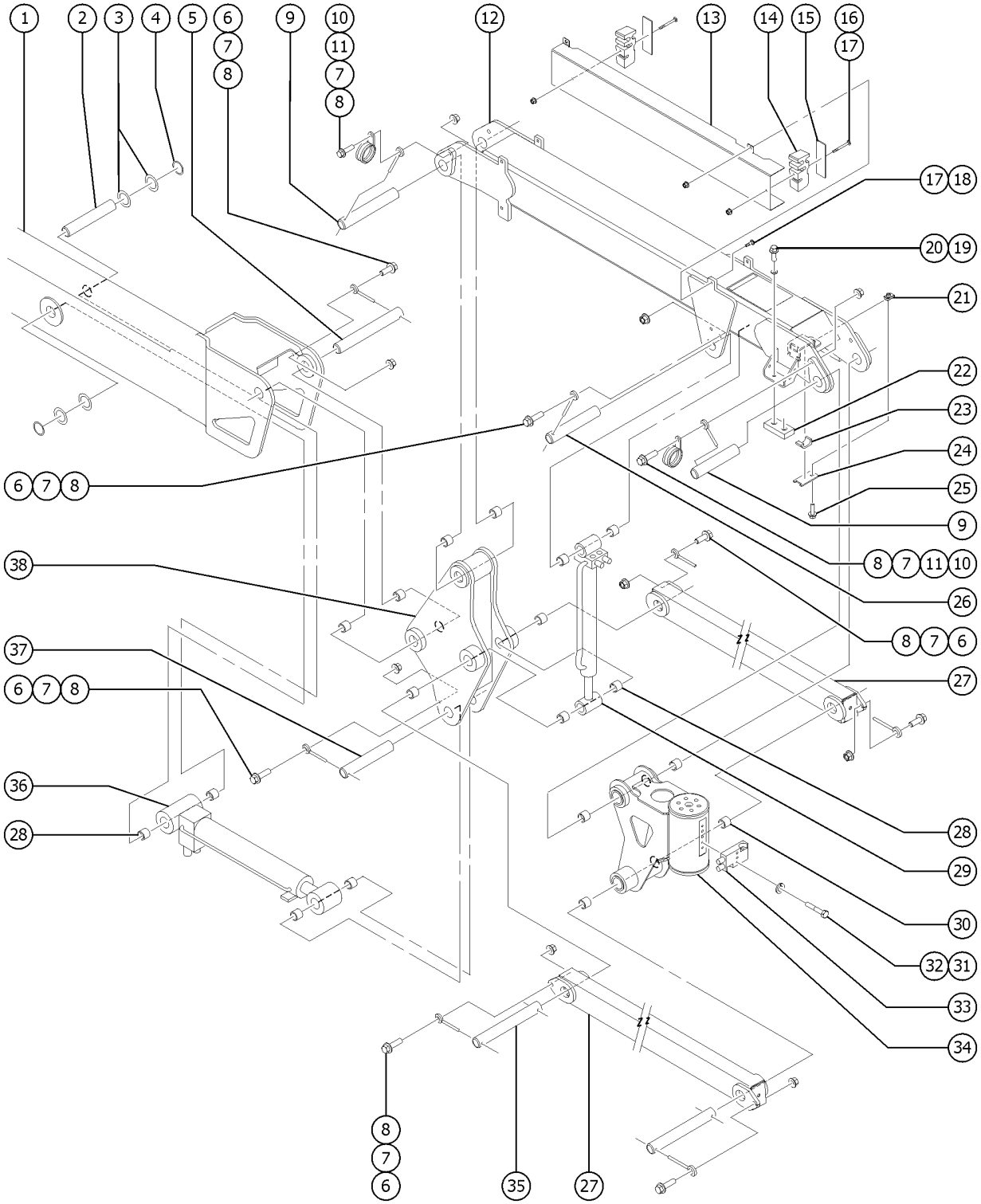
Item	Part No.	Description	Qty.
24	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
25	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	1
26	21619GT	CLAMP,1.50,#24 X 1/4,RUB CUSH	1
27	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1

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



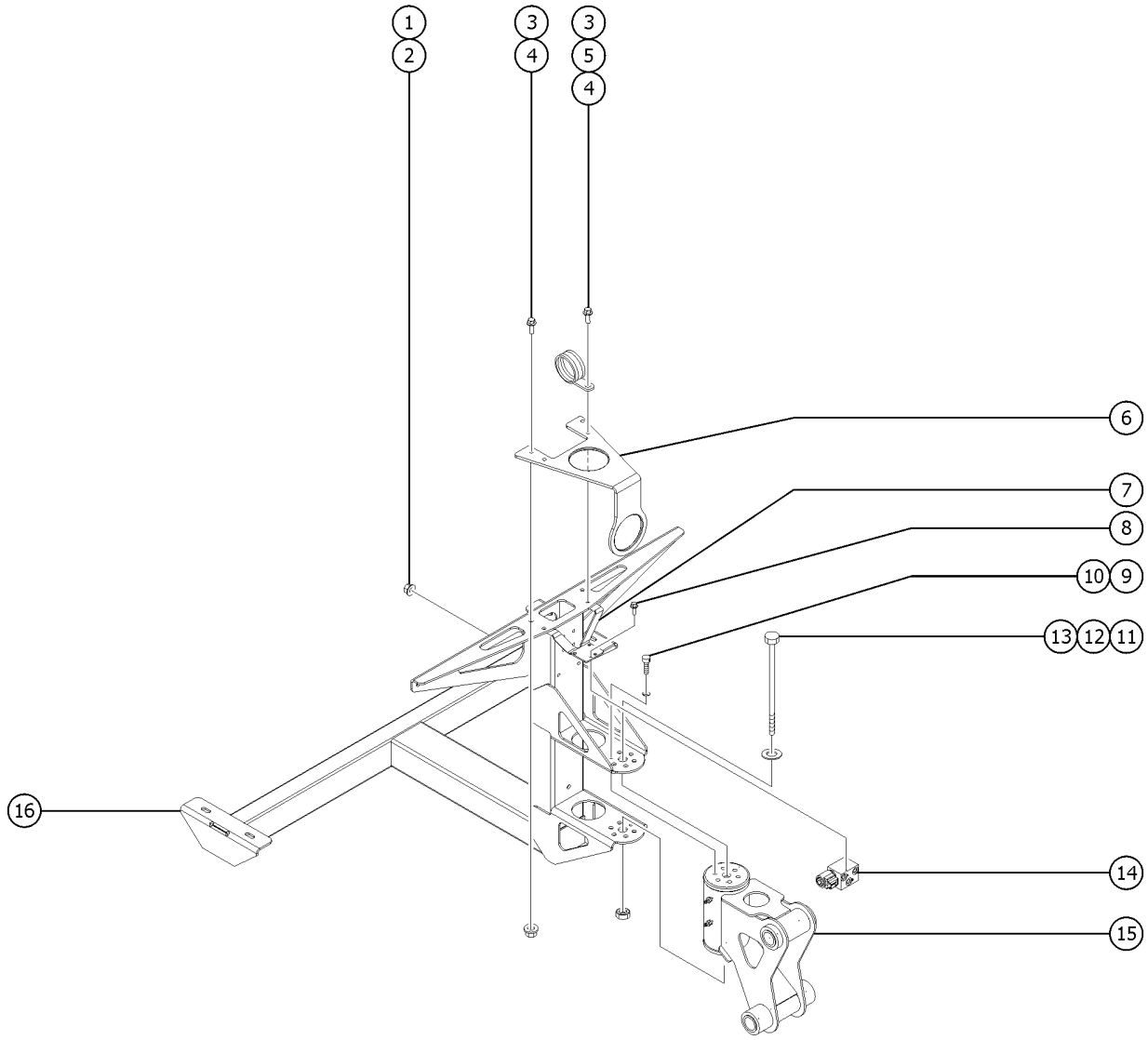
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103
1		Ref. Primary and Extension Booms (refer to 504.1)	
2	50546GT	PIN,1.25DIAX6.36LG,2RING	1
3	824151GT	WASHER,SHIM,1.270X2.130X.062,Z	4
4	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	2
5	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
6	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	8
7	825019GT	ROD END, .375X3.69, ZAG	9
8	1274322GT	NUT,NYLOCK FLG,3/8-16,F,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	1277924GT	NUT,NYLOCK FLG,1/4-20,F,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
25	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	1

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

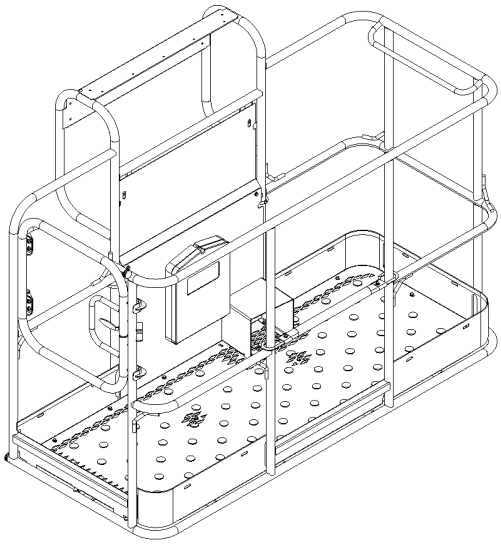


Item	Part No.	Description	Qty.
26	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1
27	61306-SGT	COMPR.LINK,MACHINED,GND CONTR* (to Z4525D-4516)	2
27B	1274511GT	MACHINING, COMPRESSION LINK (from Z4525D-4517)	2
28	25683GT	BEARING,POLYGON,20DU12	4
29	54994GT	CYLINDER,JIB,Z45,#4 PORTS***	1
29-	43018GT	SEAL KIT (39345) for 50480 and 54065	
29-	50480GT	VALVE,COUNTERBALANCE,3800 PSI* for 54994	
29-	65789GT	SEAL KIT (54994) for 54994	
30	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
31	824062GT	SCREW,HHC,1/4-20X1.5,8,ZAG	3
32	824109GT	WASHER, LOCK, 1/4, ZAG	3
33		Ref. Rotator Manifold (refer to 704.1)	
34		Ref. Platform Rotator (refer to 508.1)	1
35	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
36	77363GT	CYLINDER,LEVELING,BELLCRANK,Z-45	1
36-	43018GT	SEAL KIT (39345) for 50480 and 54065	
36-	54065GT	VALVE,COUNTERBALANCE,3500*** for 77363	
36-	77364GT	SEAL KIT, LEVELING CYLINDER for 77363	
37	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
38	1288428GT	JIB BELL CRANK,W/BEARING	1
38-	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	6

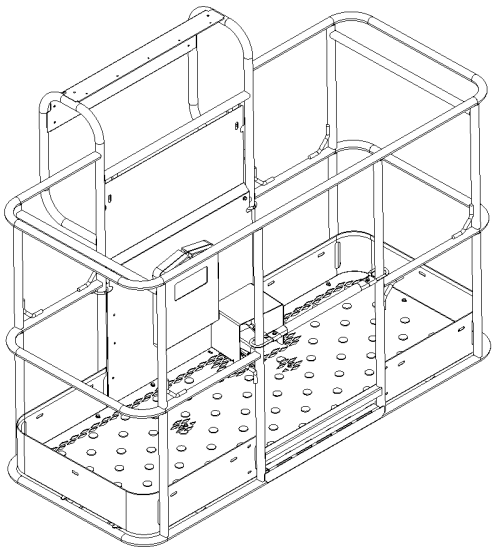
508.1 Platform Rotation and Support, Z-45/25J



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	1274167GT	NUT,NYLOCK FLG,5/16-18,F,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	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	6
10	5397GT	WASHER, FLAT, USS, 5/16-18	6
11	1273205GT	SCREW,HHC,3/4-10X9.5,8,ZAG	1
12	1256863GT	WASHER,FLAT,.75,F436,HRD,ZAG	1
13	1274173GT	NUT,NYLOCK,3/4-10,C,ZAG	1
14		Ref. Jib Manifold (refer to 704.1)	
15	233715GT	ROTATOR,PLAT,Z45J/Z51J	
15-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for 233715	
15-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L for 233715	
15-	88516GT	SCREW,BLEEDER,M5X0.8 for 233715	
16	54510-SGT	WELDMENT,PLATFORM SUPPORT jib models	1
16B	61998GT	WELDMENT,PLATFORM SUPPORT jib models with platform overload option	



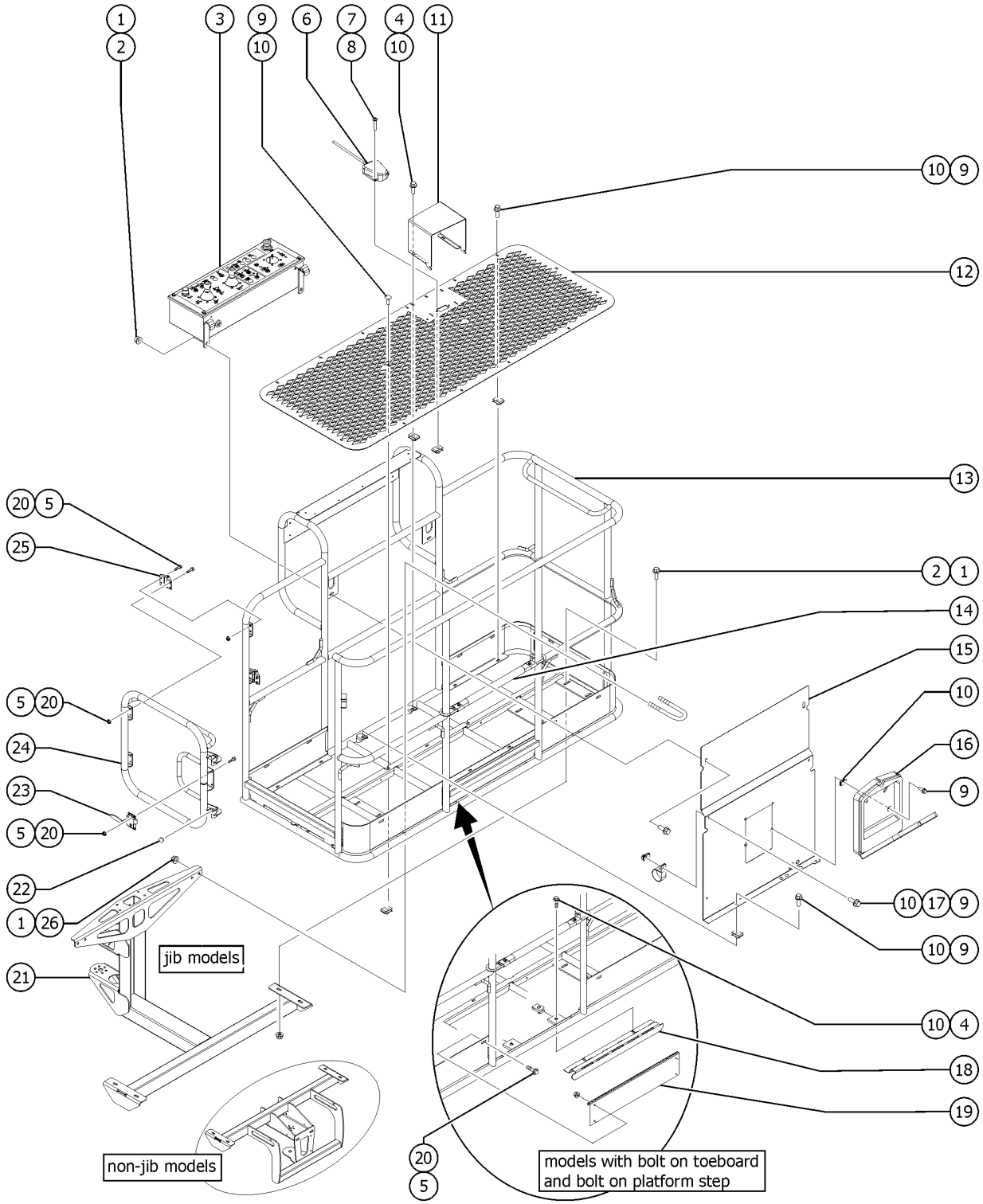
(1) Side Swing Gate Platform



(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	

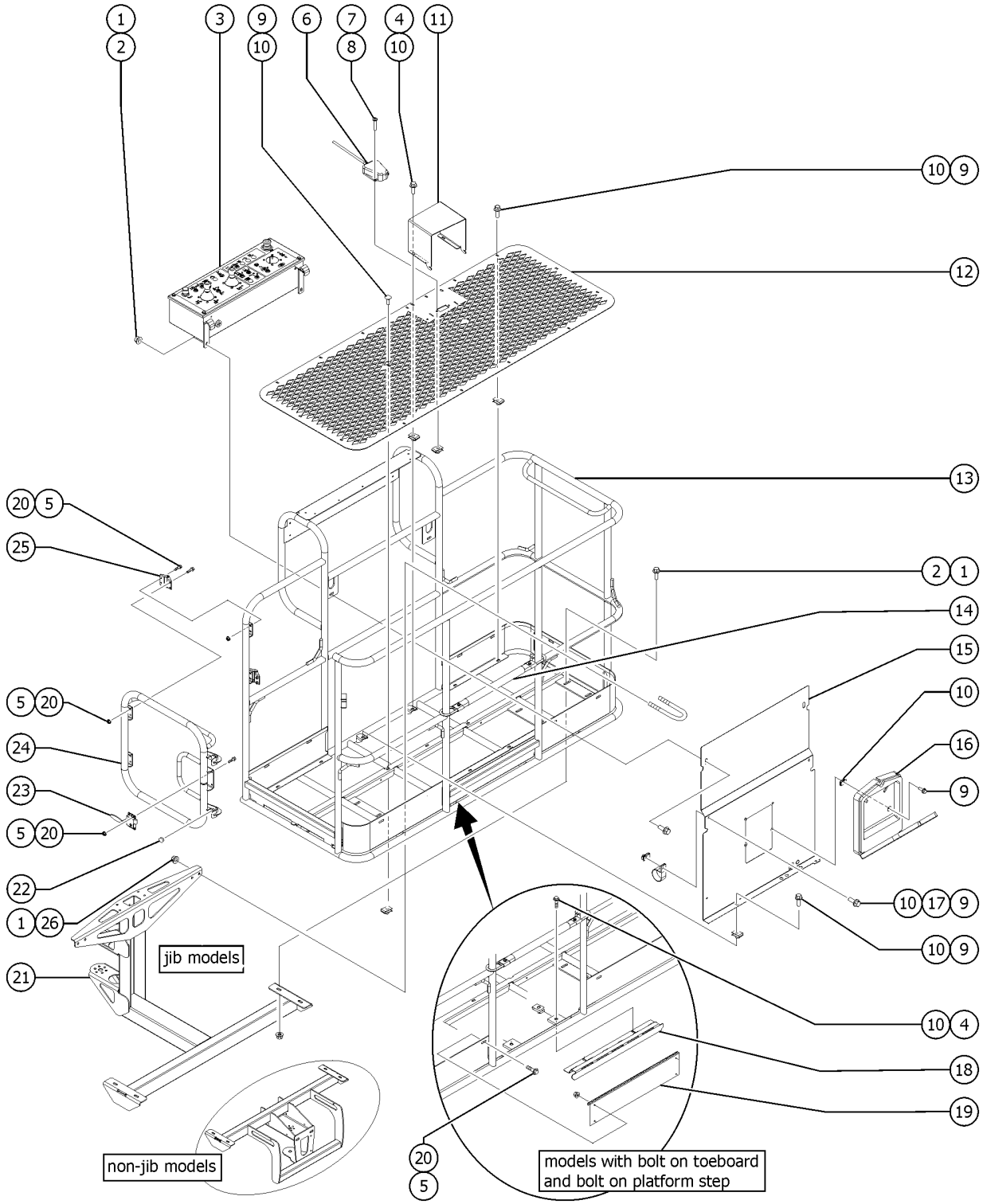
602.1 Platform Components, Z-45/25J (to SN Z4525D-2105)



602.1 Platform Components, Z-45/25J (to SN Z4525D-2105)

Item	Part No.	Description	Qty.
1	1253478GT	SCREW,HHF,3/8-16X2,8,ZAG	
2	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	
3		Ref. Platform Control Box (refer to 602.1 and 603.1)	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
6	227617GT	ASSEMBLY,FOOT SWITCH	1
6-	119058GT	CONN PLUG 4 WAY ENDCAP DT	
6-	227564GT	FOOT SWITCH,20A IP65	
6-	43960-6950GT	WIRE CABLE,16GA/4 CON.TPE JKT*	
6-	73739GT	BOOT,PLUG 4 WAY	
6-	1257248GT	SCREW, SHC, M4-0.7X8, DIN912,	
6-	1257249GT	WASHER, LOCK, M4, SS	
7	1256460GT	SCREW,PHPM,10-24X1,ZAG	2
8	73575GT	SPRING CLIP,10-24,.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
12	1267746GT	FLOORING, 72X30 PLATFORM	1
12B	73477PGT	FLOORING, 6'FT PLATFORM (for single entry)	1
12C	54247PGT	FLOORING,5 FT PLATFORM,PAINTED	1
12D	60160PGT	FLOORING,4 FT PLATFORM,PAINTED	1
13		Ref. Platform Weldment (refer to 601.1)	1
14	102992GT	SLIDING MIDRAIL KIT,PTD (includes fasteners)	1
15	73574-SGT	DECAL PLATE ASSEMBLY (decals not included, refer to section 100)	1
16	24514GT	BOX, INSTRUCTION STORAGE** (decals not included, refer to section 100)	1
17	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	2
18	73610PGT	STEP PLATFORM ENTRY PAINTED***	1
19	94745GT	TOEBOARD,ENTRY EUROPEAN PNTD**	1

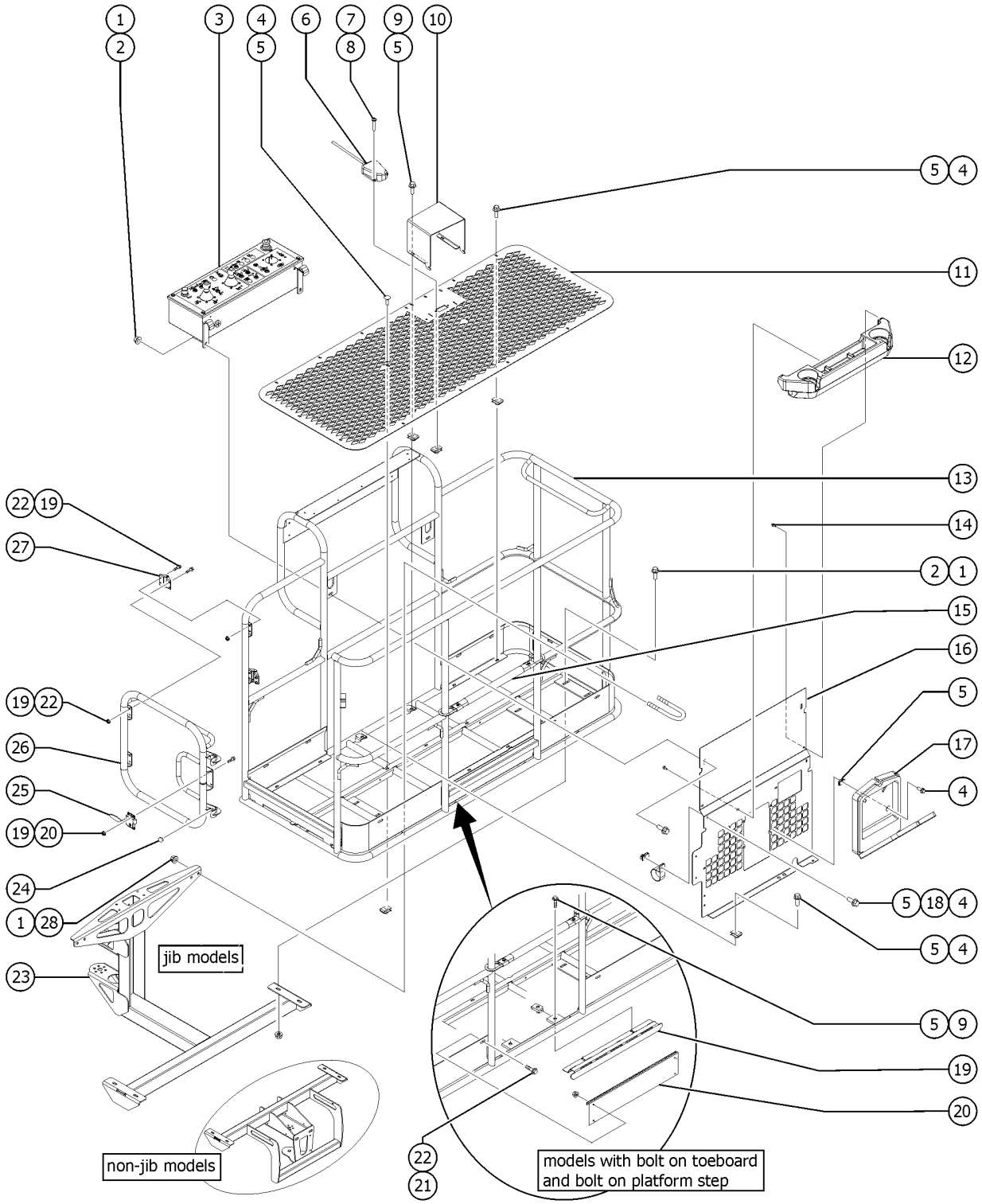
602.1 Platform Components, Z-45/25J (to SN Z4525D-2105)



602.1 Platform Components, Z-45/25J (to SN Z4525D-2105)

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

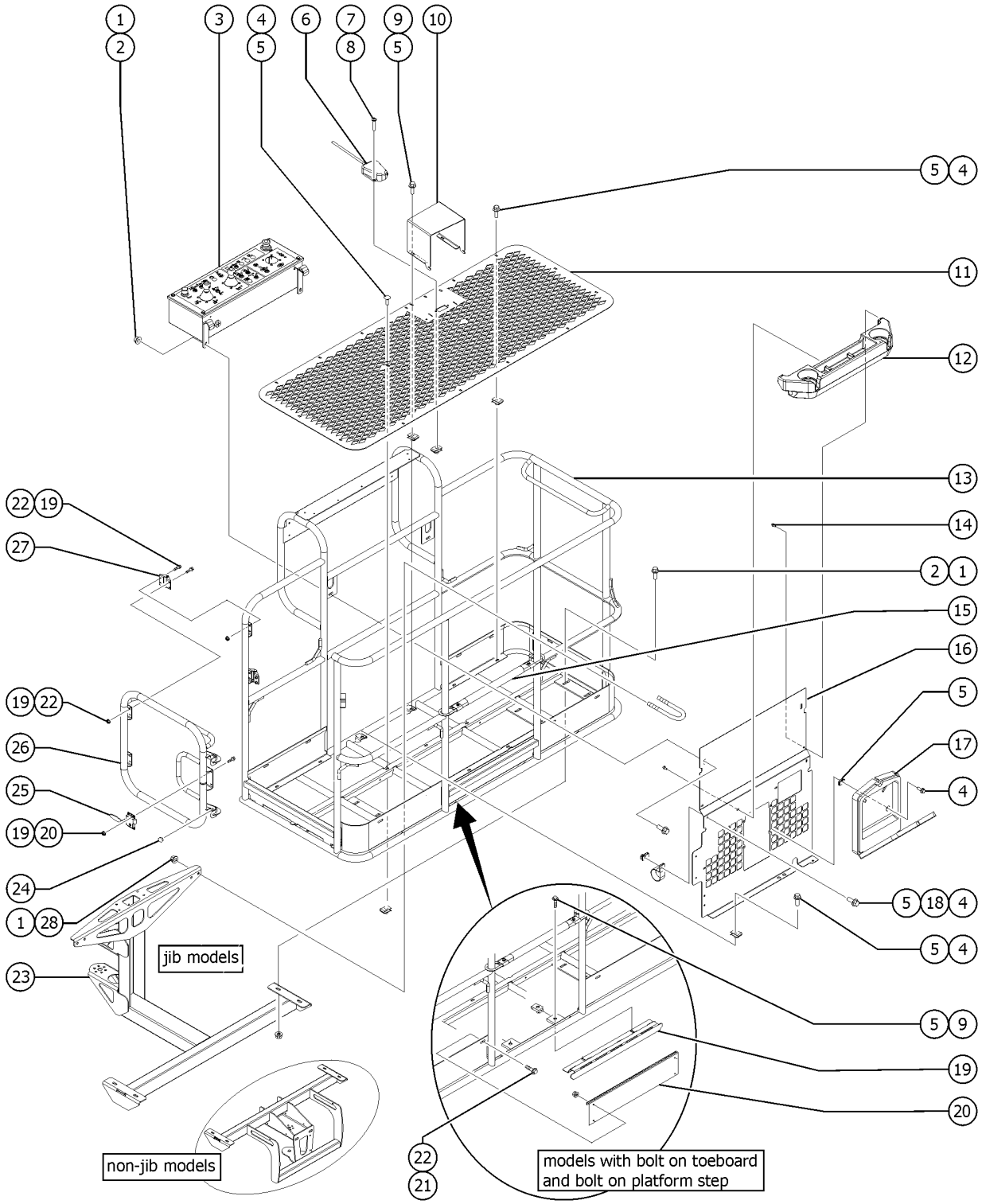
602.2 Platform Components (from SN Z4525D-2106)



602.2 Platform Components (from SN Z4525D-2106)

Item	Part No.	Description	Qty.
1	1253478GT	SCREW,HHF,3/8-16X2,8,ZAG	
2	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	
3		Ref. Platform Control Box (refer to 602.1 and 603.1)	
4	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
6	227617GT	ASSEMBLY,FOOT SWITCH	1
6-	119058GT	CONN PLUG 4 WAY ENDCAP DT	
6-	227564GT	FOOT SWITCH,20A IP65	
6-	43960-6950GT	WIRE CABLE,16GA/4 CON.TPE JKT*	
6-	73739GT	BOOT,PLUG 4 WAY	
6-	1257248GT	SCREW, SHC, M4-0.7X8, DIN912,	
6-	1257249GT	WASHER, LOCK, M4, SS	
7	1256460GT	SCREW,PHPM,10-24X1,ZAG	2
8	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	2
9	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
10	147121GT	COVER, FOOT SWITCH, LARGE	1
11	1267746GT	FLOORING, 72X30 PLATFORM	1
11B	73477PGT	FLOORING, 6'FT PLATFORM (for single entry)	1
11C	54247PGT	FLOORING,5 FT PLATFORM,PAINTED	1
11D	60160PGT	FLOORING,4 FT PLATFORM,PAINTED	1
12	1289552GT	KIT, PLATFORM WORK TRAY	1
13		Ref. Platform Weldment (refer to 601.1)	1
14	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	4
15	102992GT	SLIDING MIDRAIL KIT,PTD (includes fasteners)	1
16	1275088GT	FORMING,ALUM,DECAL PLATE (decals not included, refer to section 100)	1
17	24514GT	BOX, INSTRUCTION STORAGE** (decals not included, refer to section 100)	1
18	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	2
19	73610PGT	STEP PLATFORM ENTRY PAINTED***	1

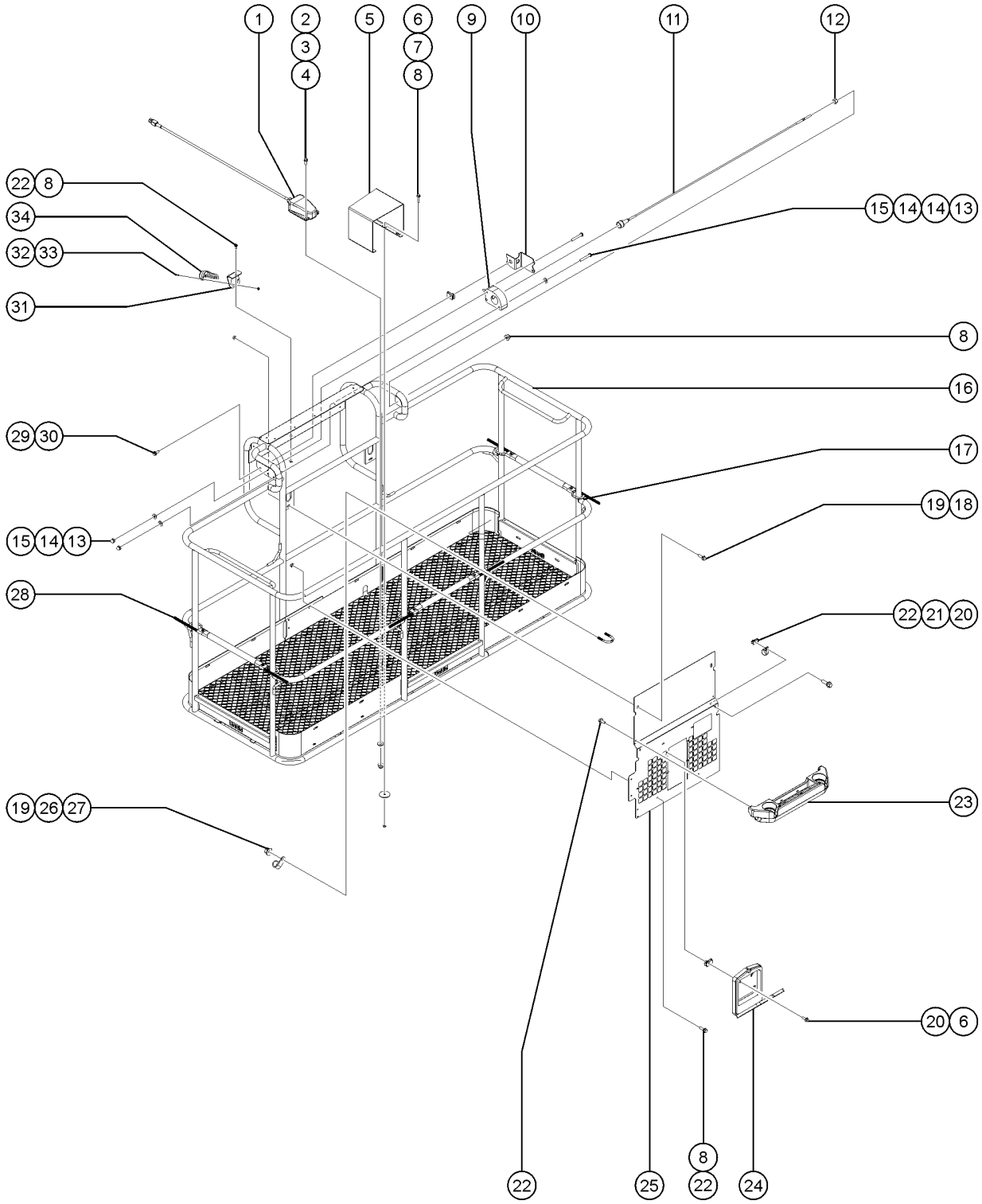
602.2 Platform Components (from SN Z4525D-2106)



602.2 Platform Components (from SN Z4525D-2106)

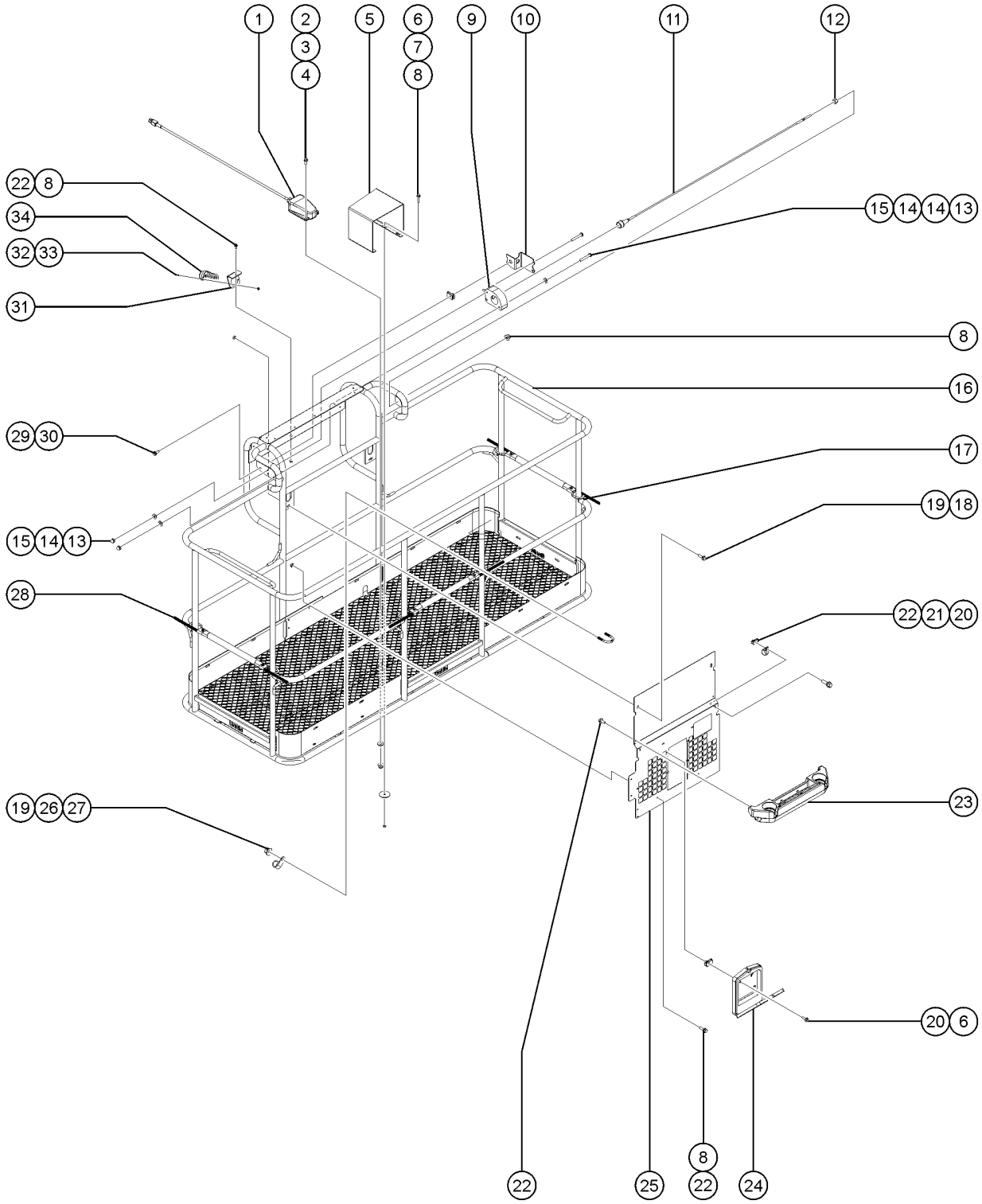
Item	*Part No.*	*Description*	*Qty.*
20	94745GT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
21	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
22	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	
23		Ref. Platform Support (non- jib models, refer to 506.1)	
23B		Ref. Platform Support (jib models, refer to 508.1)	
24	43392GT	BUMPER,BATTERY BOX & RAILS	2
25	1267747GT	LATCH, SWING GATE	1
26	1272307GT	ASSY,SIDE SWING GATE	1
27	104804GT	HINGE, SPRING, LONG LEG	2
28	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	1

602.3 Platform Installation, China Option



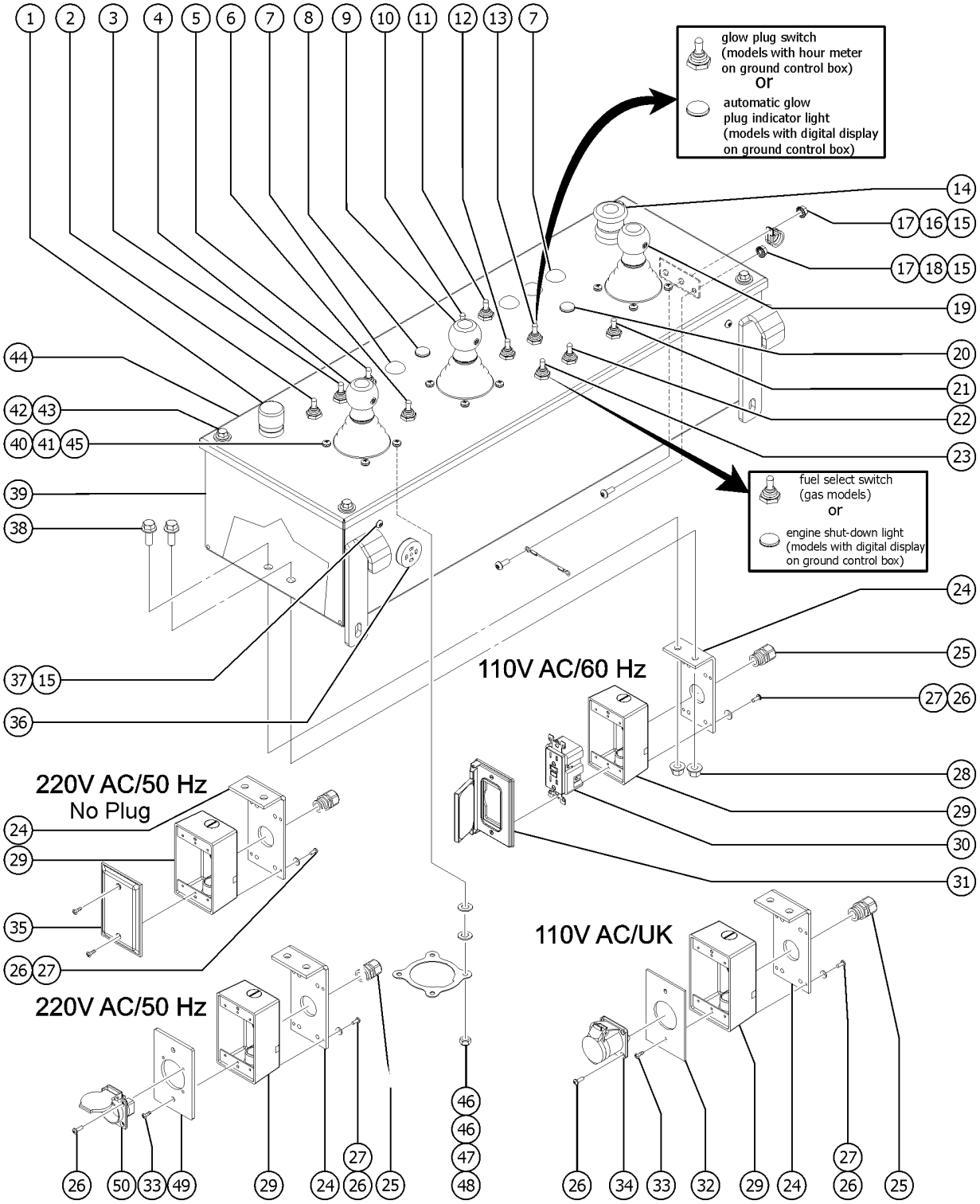
Item	Part No.	Description	Qty.
1	227618GT	ASSEMBLY,FOOTSWITCH	1
2	1269641GT	SCREW,HHF-S,10-24X1,5,ZAG	2
3	1307740GT	WASHER,FLAT,#10,ZINC	2
4	1283004GT	NUT,NYLOCK FLG,10-24,A,ZAG	2
5	1306706GT	COVER,FOOT SWITCH ,LARGE	1
6	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	8
7	824113GT	WASHER,FLAT,USS,1/4,ZAG	4
8	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	8
9	1307644GT	ASSY, SENSOR W/ HOUSING	1
10	1306254GT	PLATE,SENSOR HOLDER (no longer available Replaced by 1306254PGT)	1
10B	1306254PGT	PLATE,SENSOR HOLDER, PAINTED	1
11	1306900GT	CONTACT ALARM WIRE ASSY, LARGE	1
12	1261184GT	NUT,1/4-20,8,ZAG	1
13	1280278GT	SCREW,PHPM,10-24X1.375,ZAG	3
14	1253185GT	WASHER,FLAT,#10,USS,ZAG	4
15	1307739GT	Nut,#10-24 Nickel Plated Acorn	3
16	1306354GT	WELDMNT,6 FT PLATFORM (6 foot platform)	1
17	T112773GT	TAPE, PROTECTIVE MASK	6
18	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2
19	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	6
20	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	6
21	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	2
22	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	9
23	1275089GT	PLATFORM WORK TRAY use until exhausted, Replaced by 1289552	1
23B	1289552GT	KIT, PLATFORM WORK TRAY	1
24	24514GT	BOX, INSTRUCTION STORAGE**	1
25	1306707GT	FORMING, ALUM. DECAL PLATE	1
26	67897GT	CLAMP,0.56,#9 X 3/8,RUB CUSH	1

602.3 Platform Installation, China Option



Item	Part No.	Description	Qty.
27	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
28	53471GT	WIRE LOOM,3/8 NYLON,HI TEMP PROVIDE LENGTH WHEN ORDERING	6
29	1264934GT	SCREW,HHF,10-24X.5	1
30	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	1
31	1306957GT	FORMING,LIGHT BRKT	1
32	1259259GT	SCREW,PHPM,6-32X.75,ZAG	2
33	12344GT	NUT,NYLOCK,6-32	2
34	1309080GT	ASSEMBLY, LIGHT, CONTACT ALARM (to SN Z4525D-6059)	1
34B	1314557GT	ASSEMBLY, LIGHT, CONTACT ALARM,CHINA (from SN Z4525D-6060)	1

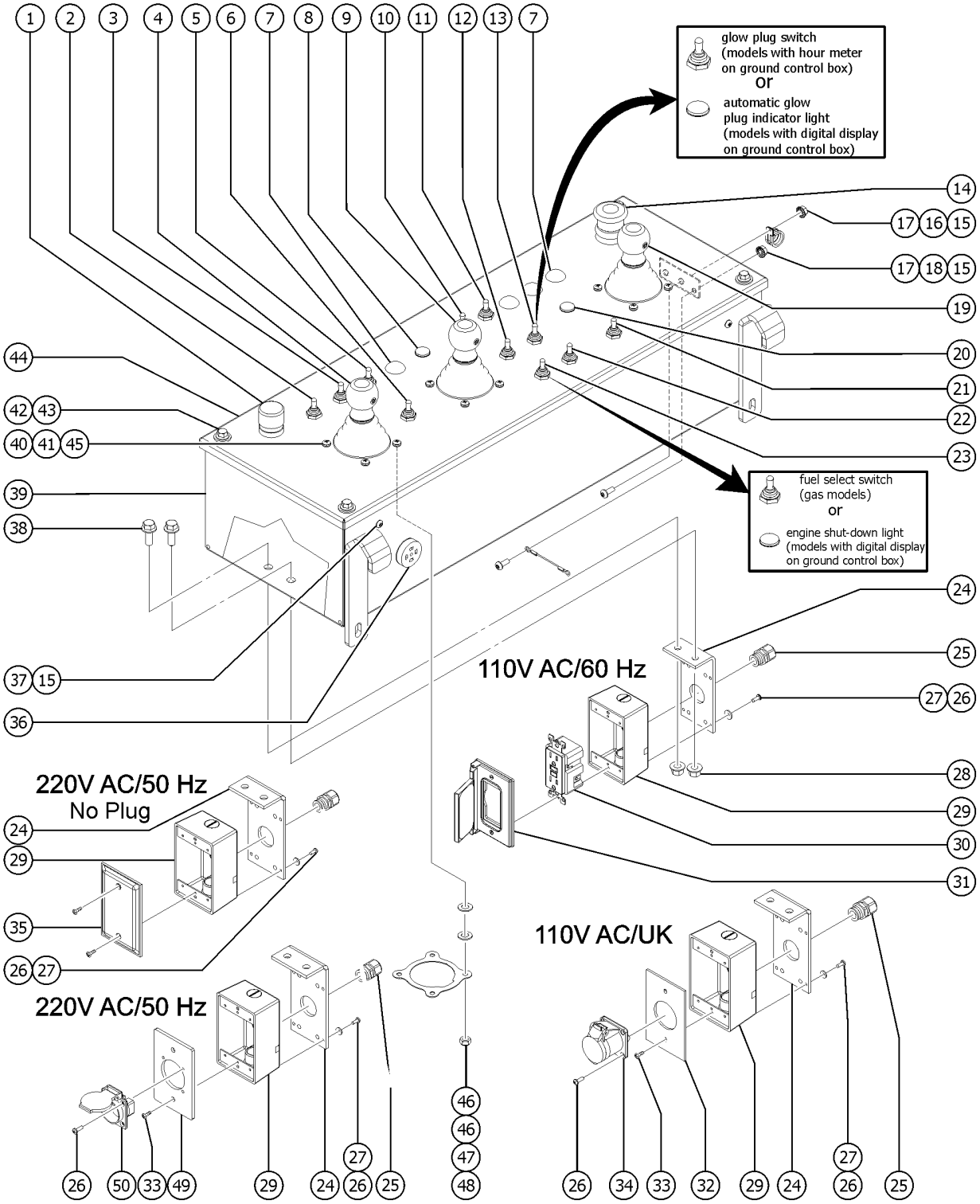
603.1 Platform Control Box, View 1



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),(to SN Z4525D-3978)	
E	1303471GT	ASSY,PBOX,Z-45 DEUTZ,TIRE IV,CE/ANSI A92.20 (from SN Z4525D-3979)	
-	1262315GT	HARNESS, PBOX, LIFT/DRIVE (for 1303471)	1
-	1262316GT	HARNESS, PBOX, TILT LED (for 1303471)	1
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 604.1)	
5	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
7	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	4
8	218165GT	LIGHT,INDICATOR,RED 12V H-BRI (tilt sensor)	1
9		Ref. JOYSTICK CONTROLLER, SINGLE-AXIS (refer to 604.1)	
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	
13	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM Glow Plug (Diesel models); includes boot and hardware	
13B	1254804GT	LT.LAMP IND.AMBER 12V NH (models with digital display)	
13C	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Gasoline/LPG models	
14	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
14-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
14-	66821GT	BASE,WITHOUT CONTACTS	

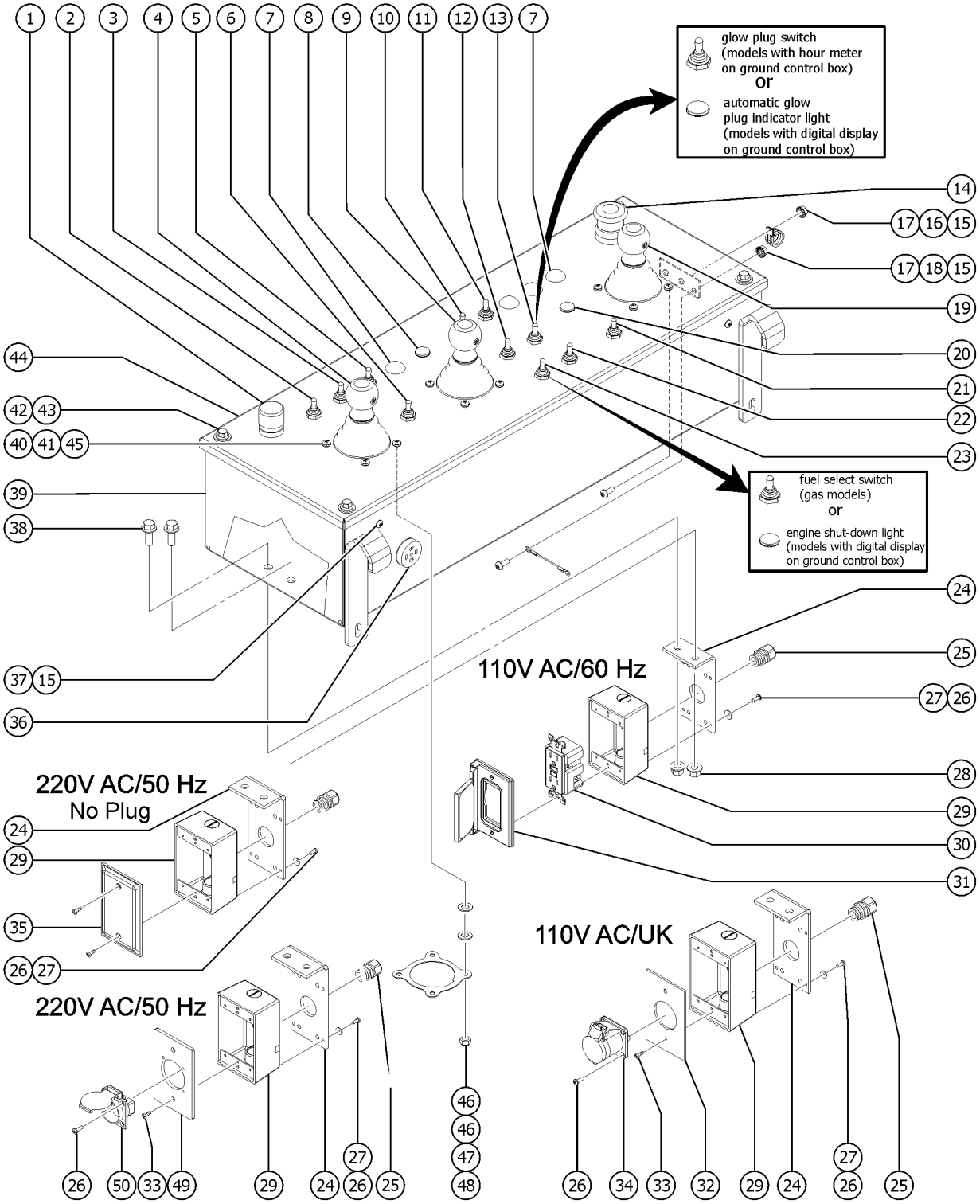
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

Item	Part No.	Description	Qty.
14-	66818GT	CONTACT,NC	
15	1264261GT	NUT,SERRATED,10-32,ZAG	4
16	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
17	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	2
18	77351GT	LANYARD,PLATFORM CONTROL BOX	2
19		Ref. JOYSTICK CONTROLLER, MULTI-AXIS Drive joystick needs to be ordered separately; (standard) (refer to 604.1)	
19-	1269497GT	GASKET, ISOLATION, JOYSTICK	
20	218165GT	LIGHT,INDICATOR,RED 12V H-BRI (drive enable)	1
21	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Enable; includes boot and hardware	1
22	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Engine idle (rpm) select switch; includes boot and hardware	1
23	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select (Gasoline/LPG models); includes boot and hardware	
23B	218165GT	LIGHT,INDICATOR,RED 12V H-BRI (models with digital display)	
23C	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Diesel models	
24	81096GT	BRACKET,POWER TO PLAT, DOM To Z4525D-5333	1
24B	1311043GT	BRACKET,POWER TO PLAT, DOM From Z4525D-5334	1
25	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	2
26	1257296GT	SCREW,PHPM-ST,8-32X.50,TYPE F,ZAG	
27	1257390GT	WASHER,FLAT,#8,SAE,ZAG	4
28	1253478GT	SCREW,HHF,3/8-16X2,8,ZAG	2
29	10775GT	T-BOX, 2.75 X 4.5 X 2.0** To Z4525D-5333	1
29-	36878GT	TERMINAL,FORK,BLUE (BULK)	
29-	45845GT	TERMINAL, RING, #10 YELLOW	
29B	1310378GT	T-BOX, 2.75 X 4.5 X 2.0** From Z4525D-5334	1
30	13585GT	OUTLET, 110V	1
31	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1
32	T112561GT	PLATE,UK,POWER TO PLAT	1
33	1253489GT	SCREW,FHPM,6-32 X .75,ZAG	
34	T112560GT	RECEPTACLE,UK,110V	1

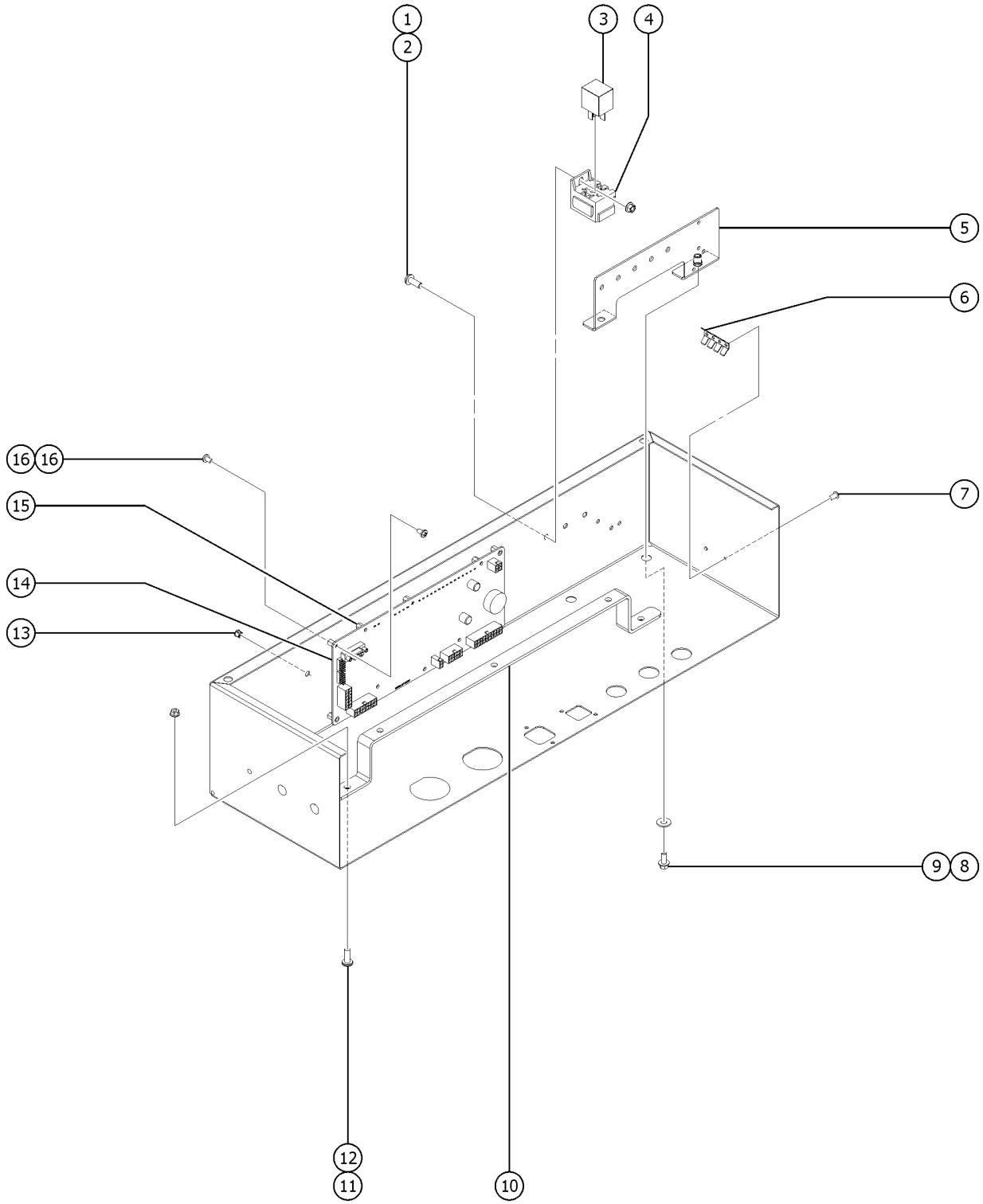
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

Item	Part No.	Description	Qty.
34-	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	
35	10777GT	COVER, BLANK includes fasteners	1
36	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
36-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
37	1251757GT	SCREW,PHPM,10-32X.50,ZAG	2
38	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	2
39	216786GT	WELDMENT, PLATFORM CONTROL BOX	1
40	1257404GT	SCREW,PHPM-ST,M5-0.8X20,DIN7500C,ZAB	12
41	56306GT	WASHER,FLAT NYLON #10 to SN Z4525D-1549	12
41B	1269498GT	SHOULDER WASHER, NYLON from SN Z4525D-1550	12
42	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	4
43	824113GT	WASHER,FLAT,USS,1/4,ZAG	4
44	139974GT	LID,PLATFORM CONTROL BOX to SN Z4525D-1549	1
44B	1283800GT	LID, PLATFORM CONTROL BOX from SN Z4525D-1550	1
45	1269497GT	GASKET, ISOLATION, JOYSTICK	3
46	6146GT	WASHER,FLAT,MS,#10,Y	24
47	1296721GT	MOUNT,HOLDER PLATE,JOYSTICK	3
48	27082GT	NUT,NYLOCK,M5X.80	12
49	236966GT	PLATE,EURO POWER TO PLATFORM	1
50	66353GT	RECEPTACLE, DIN, 220V 50A	1

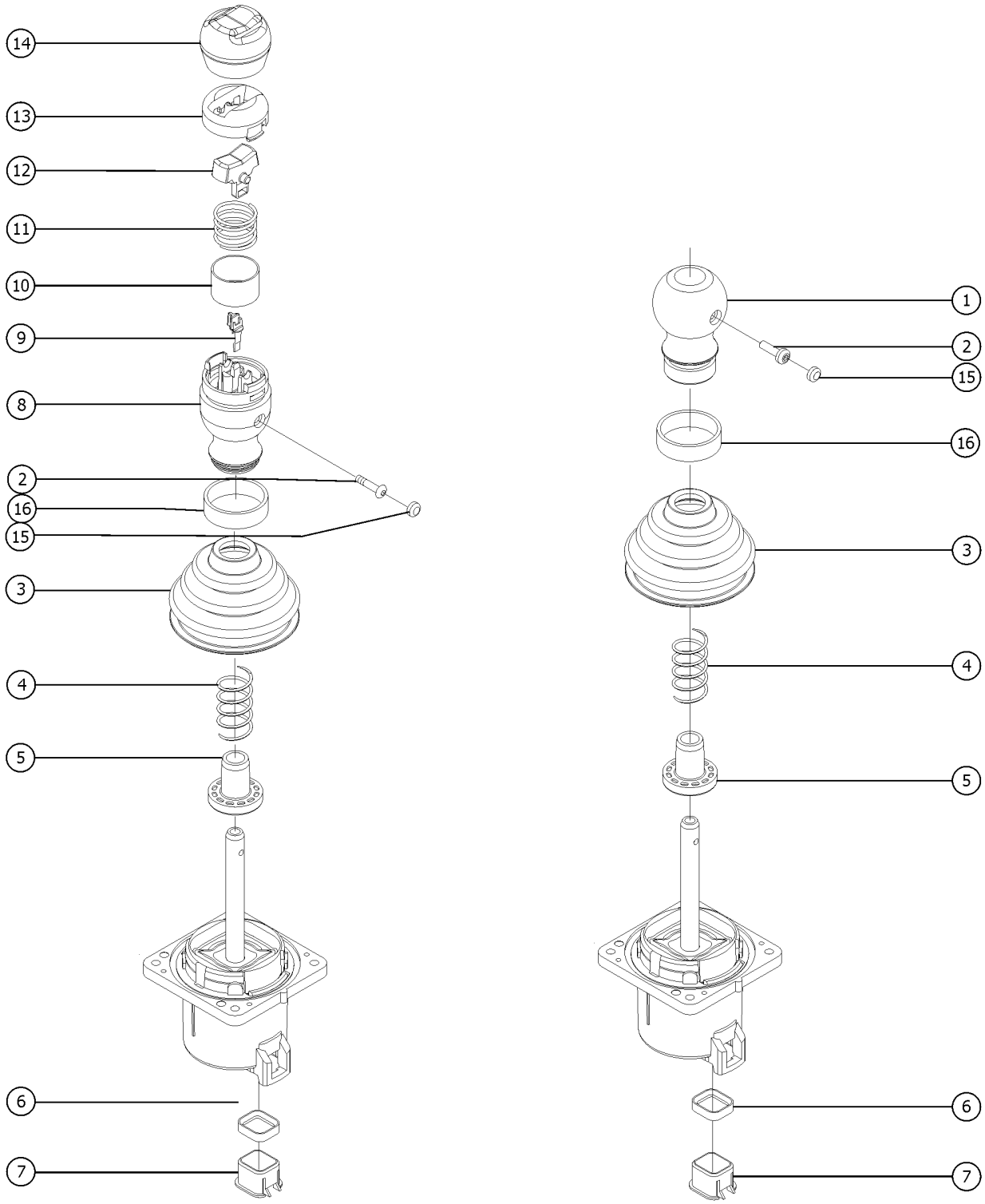
604.1 Platform Control Box, View 2



604.1 Platform Control Box, View 2

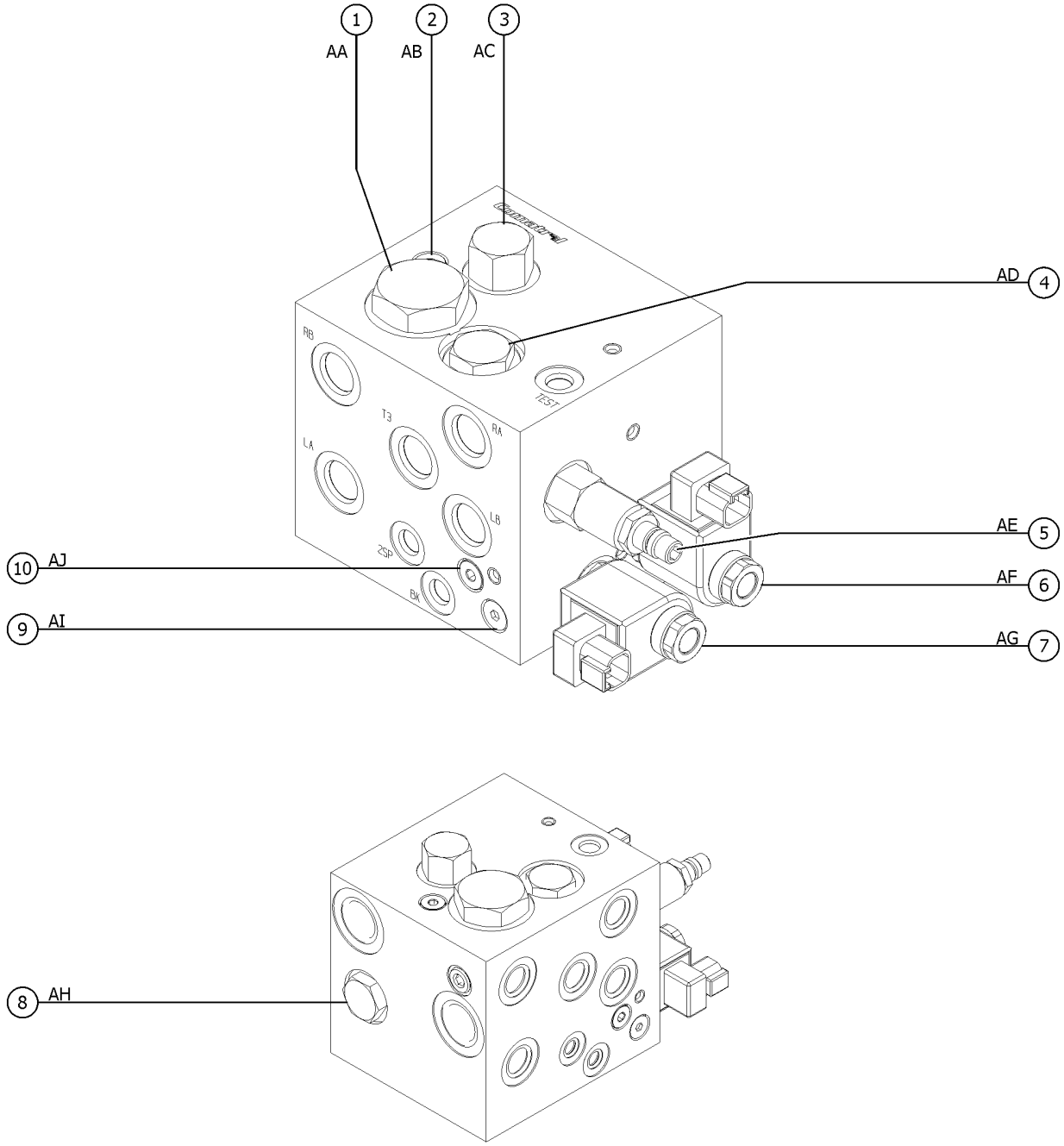
Item	Part No.	Description	Qty.
1	825349GT	SCREW,PHPM,10-32X.38,ZAG	
2	824032GT	NUT, TL FLG, 10-32, F, ZAG	
3	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	
4	34053GT	ASSY,RELAY SOCKET,AUTO***	2
5	1260194GT	ASSY,BRKT, RELAYW/NUTSERTS	1
6	56663GT	TERMINAL STRIP	1
7	824206GT	RIVET, STL, STL, DOME, 1/8 X .25, ZAG	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 (to Z4525D-5769)	1
14B	1312569GT	ASSEMBLY, PCB ALC500 Z45XC, Z45/51 (from Z4525D-5770)	1
15	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	10
16	1257402GT	SCREW,PHPM,6-32X.25,ZAG	20

605.1 Joysticks

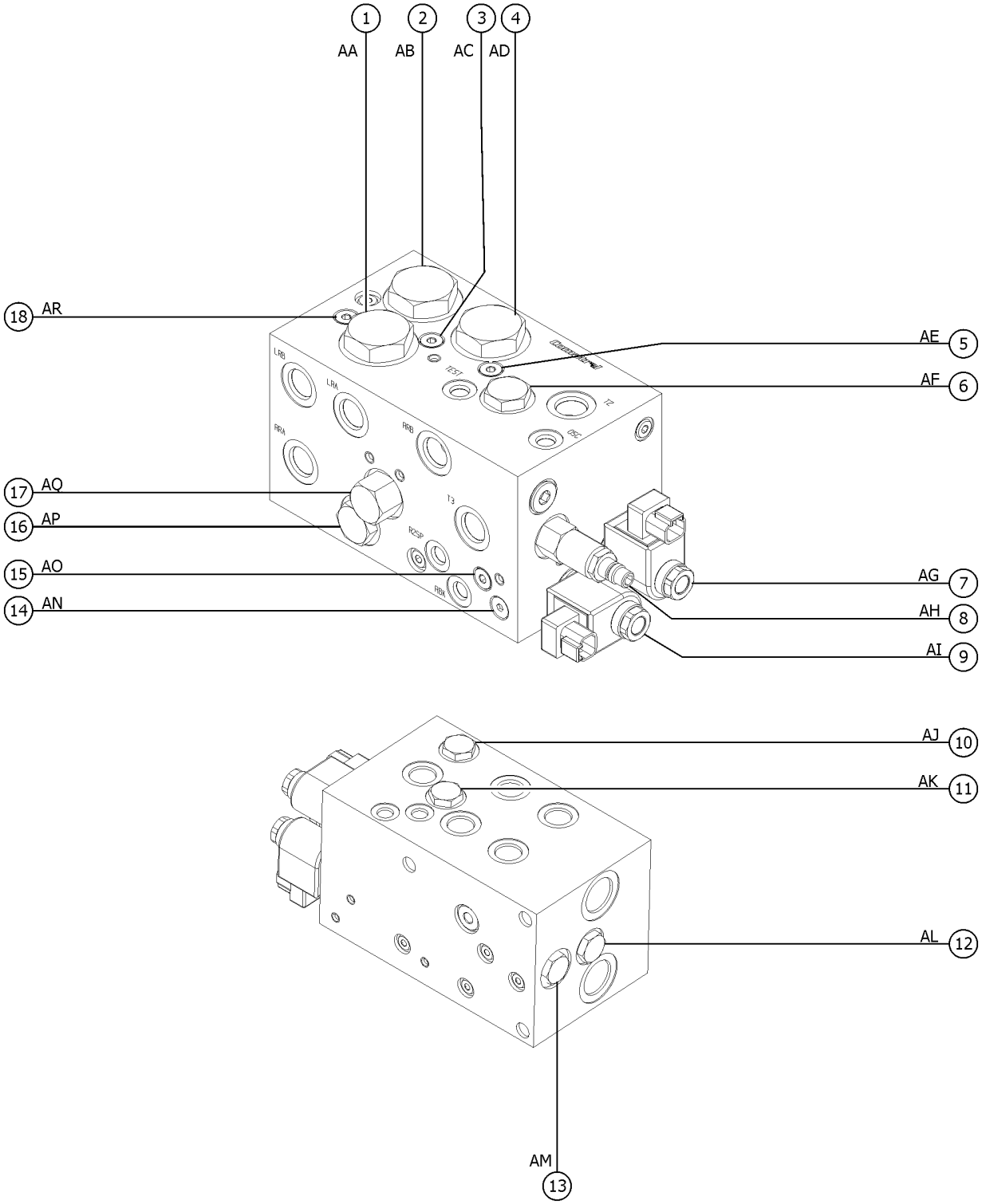


Item	Part No.	Description	Qty.
A-	1274971GT	JOYSTICK, 2 AXIS, BLUE OEM joystick (calibration required after replacement)	
B-	101174HGT	JOYSTICK,DUAL AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
C-	1274972GT	JOYSTICK, 1 AXIS, BLUE OEM joystick (calibration required after replacement)	
D-	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
E-	1274969GT	JOYSTICK, 1 AXIS ROCKER, BLUE OEM joystick (calibration required after replacement)	
F-	101005HGT	JOYSTICK, SINGLE AXIS W/STEER aftermarket joystick (calibration required after replacement)	
G-	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
H-	119613GT	HARN JOYSTICK ADAPTOR JS100 6-pin to 7-pin adapter (for 101174, 101175, 101005)	
Z-	1269501GT	KIT, ISOLATION, 3 JOYSTICK	
1	62392GT	KNOB,JOYSTICK, 62390/62391	1
2	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	1
3	139598GT	BOOT,JOYSTICK	1
4		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	1
5	119915GT	COLLAR,JOYSTICK,CENTER	1
6	128000GT	SEAL, CONNECTOR (DT JOYSTICKS)	1
7	128001GT	SLEEVE,CONNECTOR,DT JOYSTICKS	1
8	75449GT	KNOB,ROCKER JOYSTICK 75565	1
9	75448GT	SUPPORT,SENSOR,JOYSTICK	1
10	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
11	75446GT	SPRING,SWITCH CENTERING,75565	1
12	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
13	75444GT	ROCKER,RETAINER, 75565	1
14	75443GT	BOOT, ROCKER JOYSTICK 75565	1
15	1269499GT	PLUG, JOYSTICK HANDLE	2
16	1271713GT	SHRINK TUBE, BLU, 3:1, 40MM	2

701.1 2WD Traction Manifold



Item	Part No.	Description	Qty.
A-	216168GT	MANIFOLD,TRACTION,2WD Complete	
1	52726GT	VALVE,FLOW DIVIDER/COMBINER AA, Controls flow to drive motors in forward and reverse	1
1-	84135GT	SEAL KIT, VALVE for 52726	1
2	77163GT	PLUG-ORIFICE,0.067 INCH AB, Drive circuit	1
3	218127GT	SHUTTLE VALVE, HOT OIL AC, Charge pressure circuit that directs hot oil out of low pressure side of drive pump and allows low pressure flow path for brake release and 2-speed motor shift	1
3-	84137GT	SEAL KIT, VALVE 84129 for 218127	
4	27836GT	VALVE,CHECK,5 PSI AD, Drive circuit	1
4-	110194GT	SEAL KIT, VALVE, #10 for 27836	
5	218121GT	RELIEF VALVE, 250 PSI AE, Charge pressure circuit	1
5-	110194GT	SEAL KIT, VALVE, #10 for 218121	
6	161534GT	VALVE, SOLENOID, 2POS 3WAY 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, 2POS 3WAY 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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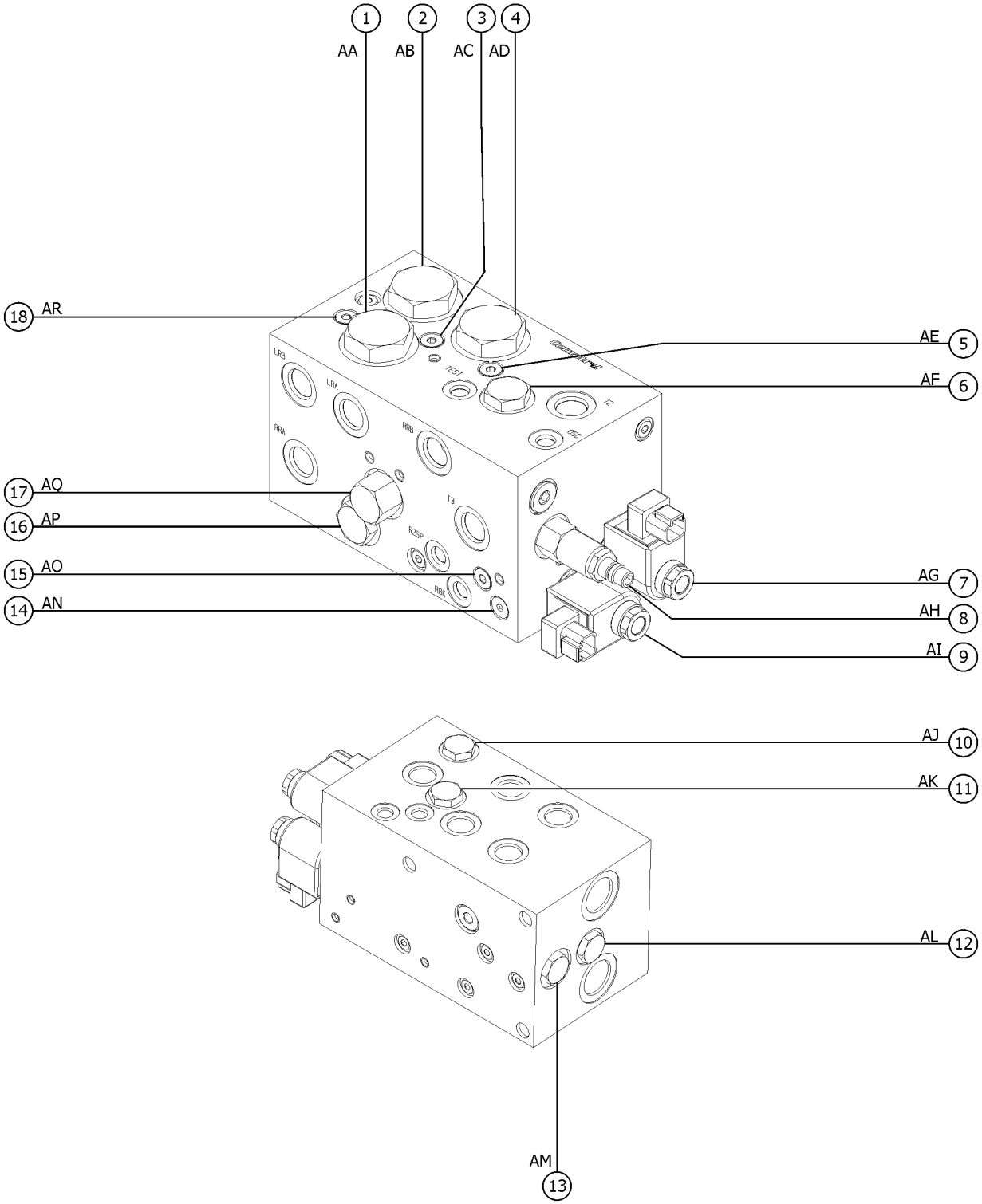
702.1 4WD Traction Manifold

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, 2POS 3WAY AG, Braking	1
7-	237236GT	SEAL KIT,VALVE	
	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, 2POS 3WAY 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

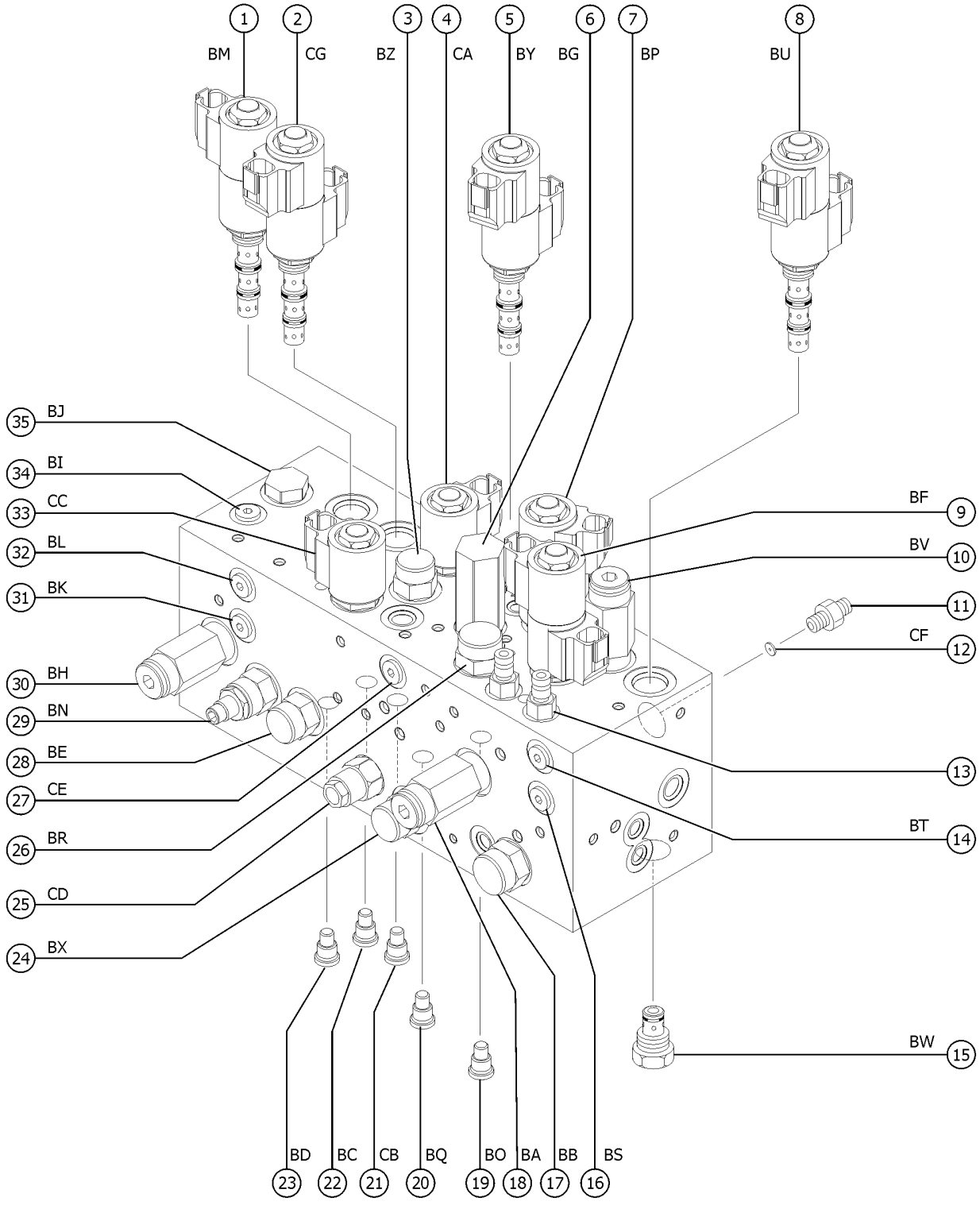
702.1 4WD Traction Manifold



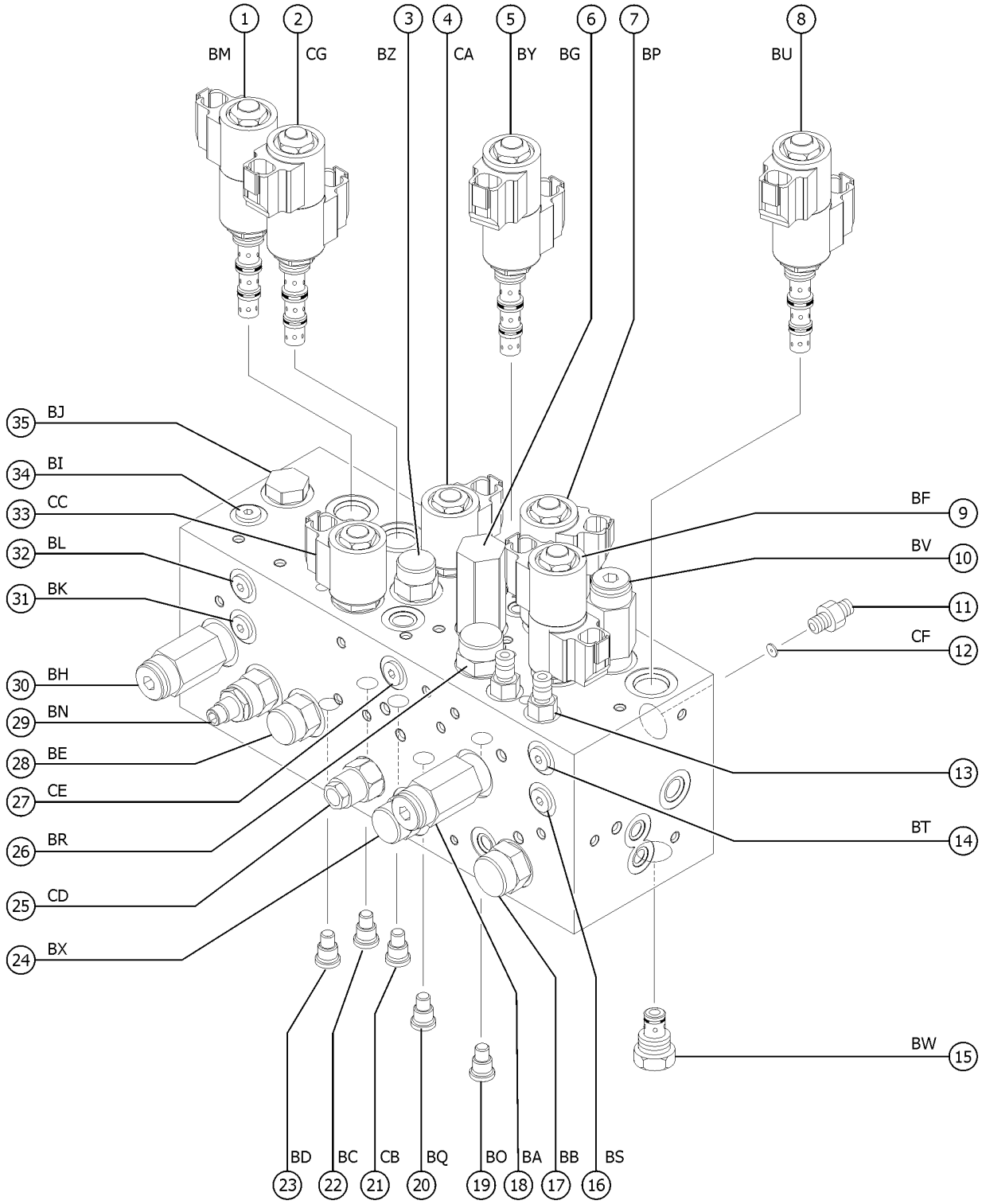
702.1 4WD Traction Manifold

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	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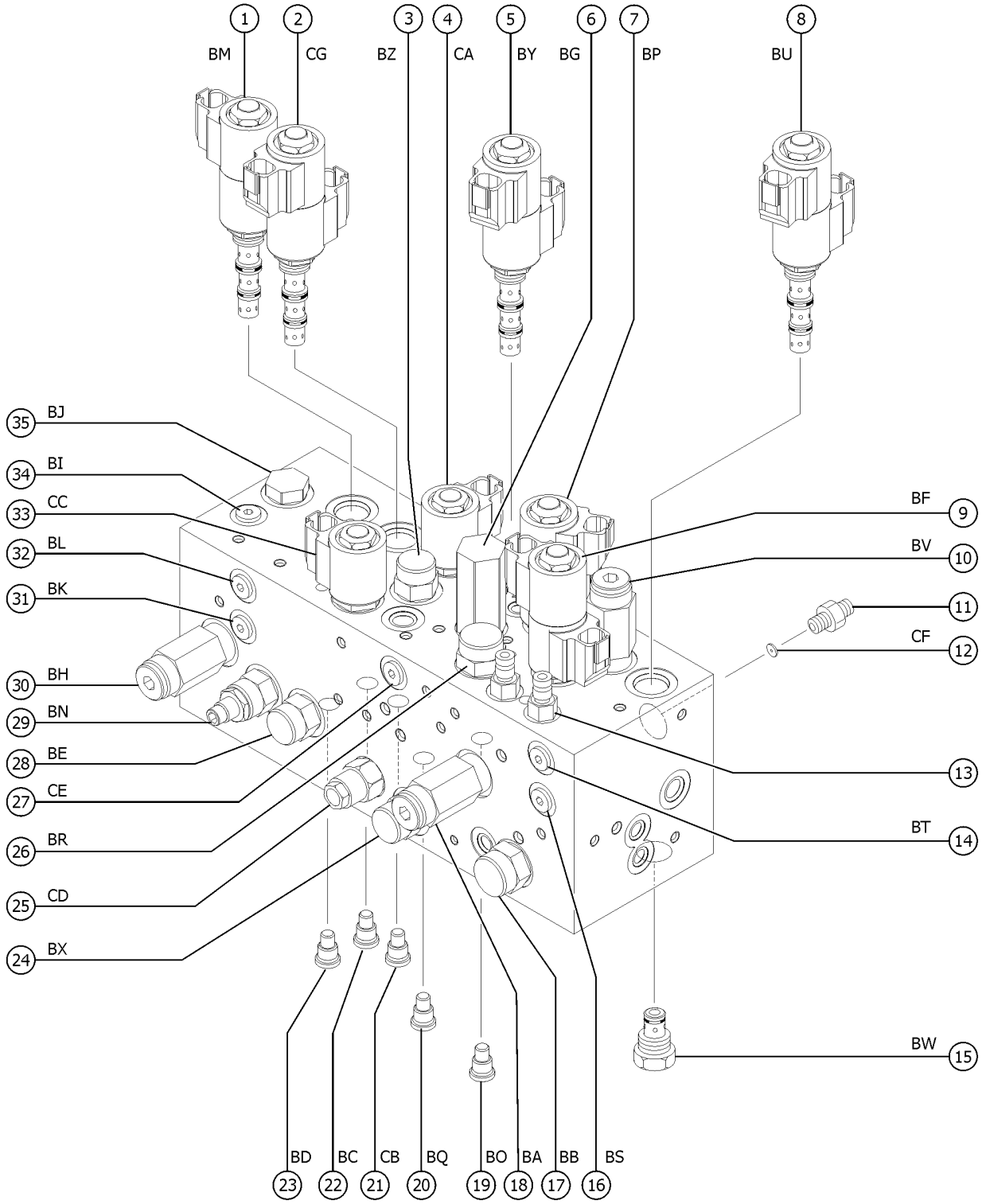
Item	Part No.	Description	Qty.
11	48912GT	CONN,520120-4-6***	
12	47092GT	ORIFICE DISC,.046",GREEN CF, Secondary boom down circuit (located under fitting)	
13	48997GT	NIPPLE,DIAGNOSTIC,#4 Testing	
13-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
14	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BT, Differential sensing circuit,secondary 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)	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27 CE
26 BR
25 CD
24 BX
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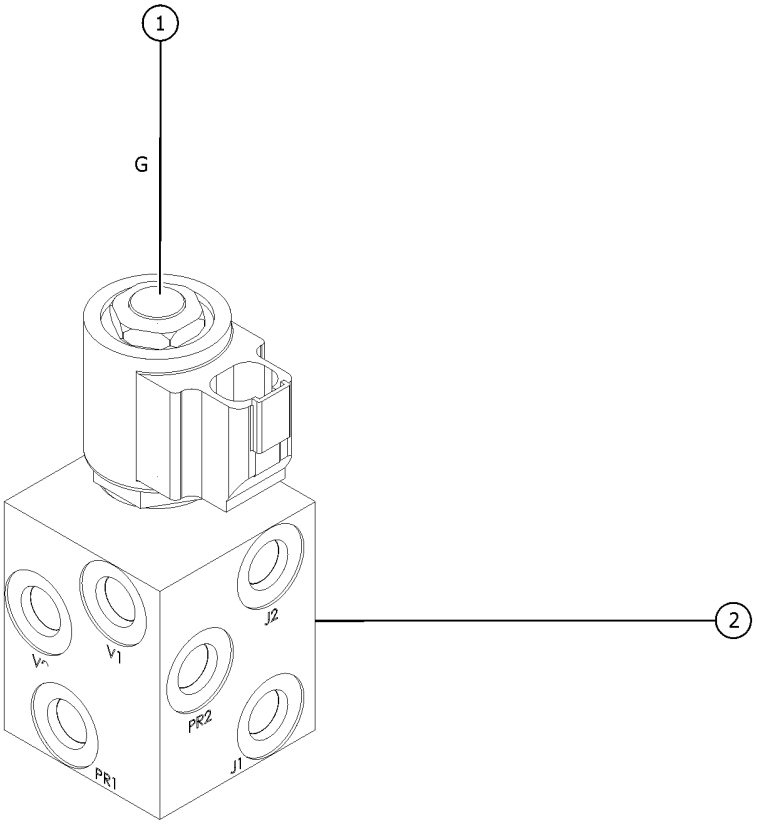
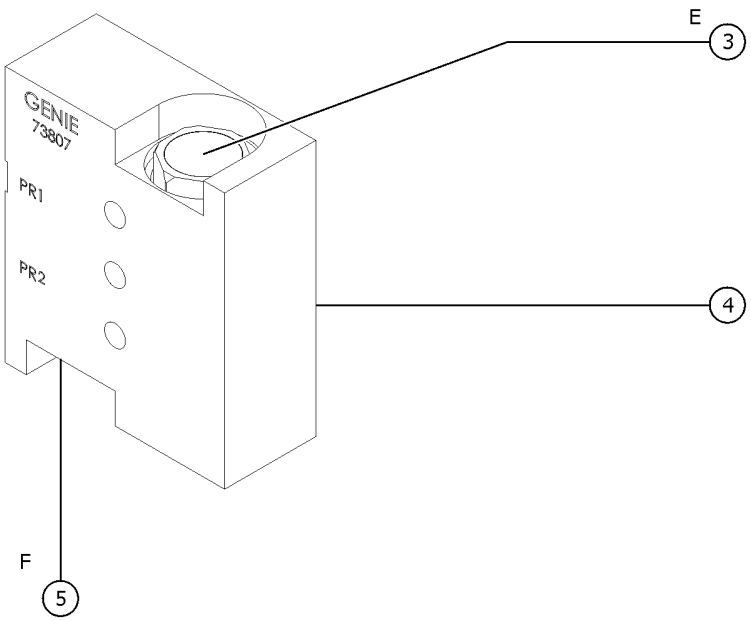
BT 14
BW 15
BD 23
BC 22
CB 21
BQ 20
BO 19
BA 18
BB 17
BS 16

Item	Part No.	Description	Qty.
26	110180GT	VALVE, COMPENSATOR, 80 PSI BR, Turntable rotate circuit	
26-	44225GT	SEAL KIT, VALVE	
27	44216GT	VALVE,SHUTTLE CE, Differential sensing circuit,primary boom up/down	
27-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
28	94618GT	VALVE,FLOW CONTROL,.4 GPM BE, Platform rotate / jib boom circuit primary boom up/down	
28-	44228GT	SEAL KIT, VALVE	
29	101055GT	VALVE,NEEDLE,FINE ADJUSTMENT** BN, Platform level circuit	
29-	44228GT	SEAL KIT, VALVE	
30	101114GT	VALVE RELIEF,2500PSI(88513)** BH, Platform level circuit (to SN Z4525D-1153)	
30A-	44227GT	SEAL KIT, VALVE	
30B	52374GT	VALVE,RELIEF,3000PSI,GS68PUMP1 BH, Platform level circuit (from SN Z4525D-1154)	
30B-	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

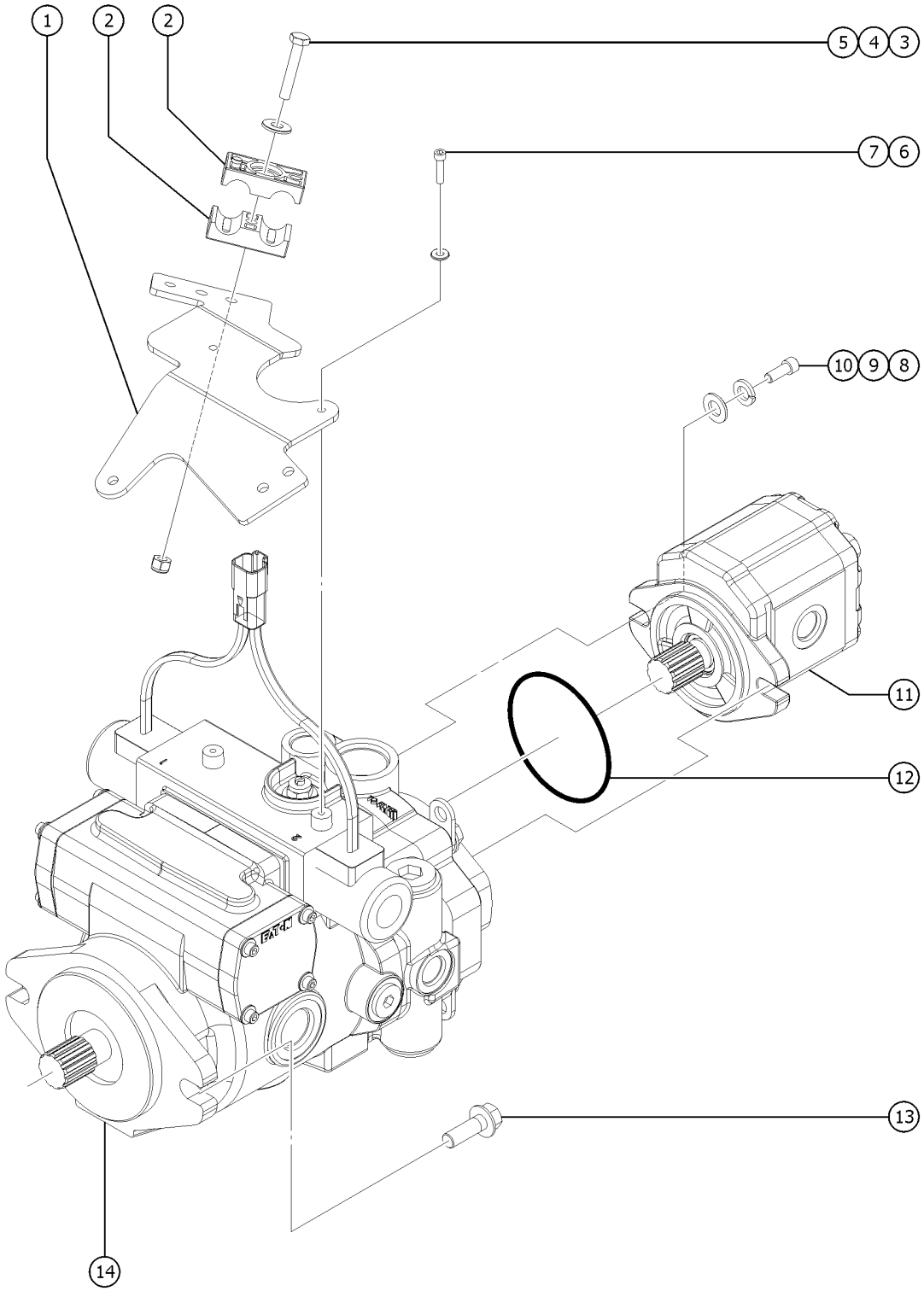


Platform Rotate Manifold



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)	

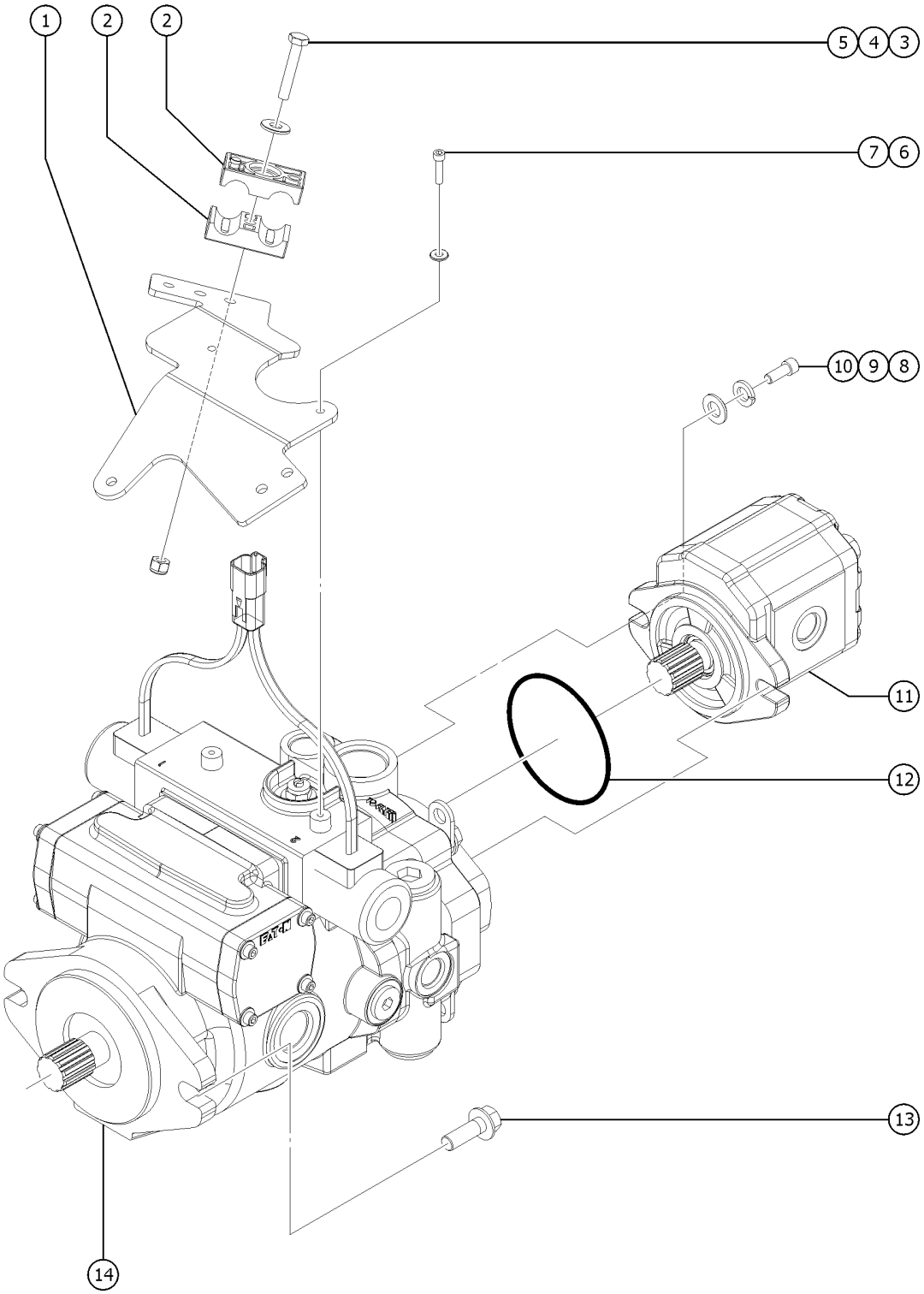
705.1 Pumps (To SN Z4525D-4409, from SN Z4525D-5434 to Z4525D-7733)



705.1 Pumps (To SN Z4525D-4409, from SN Z4525D-5434 to Z4525D-7733)

Item	Part No.	Description	Qty.
1	216342GT	BRACKET,PUMP MOUNTING (to SN Z4525D-4139,from SN Z4525D-5434 to Z4525D-5657)	1
2	78736GT	CLAMP,2 HOSE,PLASTIC,5/8 (to SN Z4525D-4139,from SN Z4525D-5434 to Z4525D-5657)	4
3	824063GT	SCREW,HHC,1/4-20X1.75,8,ZAG (to SN Z4525D-4139,from SN Z4525D-5434 to Z4525D-5657)	2
4	824113GT	WASHER,FLAT,USS,1/4,ZAG (to SN Z4525D-4139,from SN Z4525D-5434 to Z4525D-5657)	2
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG (to SN Z4525D-4139,from SN Z4525D-5434 to Z4525D-5657)	2
6	1251567GT	SCREW,PHPM SEMS ET,10-24X.75,Z (to SN Z4525D-4139,from SN Z4525D-5434 to Z4525D-5657)	2
7	1253185GT	WASHER,FLAT,#10,USS,ZAG (to SN Z4525D-4139,from SN Z4525D-5434 to Z4525D-5657)	2
8	1256350GT	SCREW,SHC,3/8-16X1,A574,ZAG (to SN Z4525D-4139,from SN Z4525D-5434)	2
8B	824068GT	SCREW, HHC, 3/8-16 X 1.25, 8, ZAG (from SN Z4525D-4140 to SN Z4525D-5433)	2
9	824110GT	WASHER, LOCK, 3/8, ZAG	2
10	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG	2
11	81013GT	PUMP,PIGGBACK,11CC,11 TOOTH	1
11-	81669GT	SEAL KIT,11 TOOTH PUMP***	
12	43683GT	O-RING,2-042 N674-70*** (to SN Z4525D-4139,from SN Z4525D-5434)	1
12B	83141GT	O-RING, .103 X 3.237, NBR/NTRL, 90D (from SN Z4525D-4140 to SN Z4525D-5433)	1
13	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG (to SN Z4525D-4139,from SN Z4525D-5434)	2
13B	826171GT	SCREW,HHF,1/2-13X1.75,ZAG (from SN Z4525D-4140 to SN Z4525D-5433)	2
14	77788GT	PUMP,PISTON,49CC*** (to SN Z4525D-4139,from SN Z4525D-5434)	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	

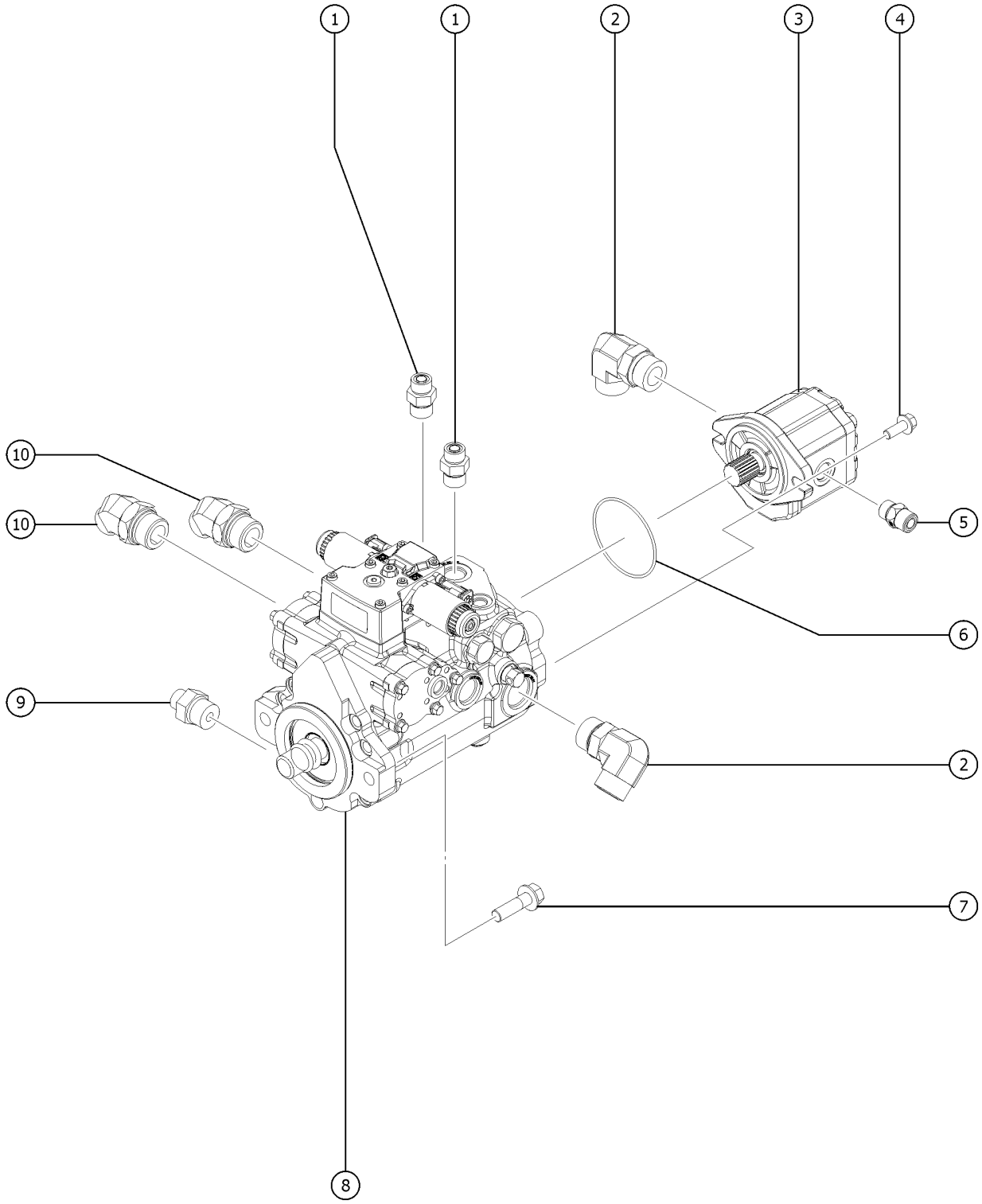
705.1 Pumps (To SN Z4525D-4409, from SN Z4525D-5434 to Z4525D-7733)



705.1 Pumps (To SN Z4525D-4409, from SN Z4525D-5434 to Z4525D-7733)

Item	Part No.	Description	Qty.
14-	128423GT	KIT,CHARGE PUMP HOUSING	
14-	43683GT	O-RING,2-042 N674-70***	
14-	58431GT	SEAL KIT,PUMP SHAFT (EATON)*** check pump date code, if after 031505, must also order 107813 qty 1	
14-	82431GT	HOSE ASM-JCAF310-06-41	
14-	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)	
14-	9990607GT	WASHER SEAL(Component of 77788GT)	
14-	9990608GT	NUT, JAM (Component of 77788GT)	
14B	1275747GT	PUMP,HYD,PISTON,M46,HI CURRENT (from SN Z4525D-4140 to SN Z4525D-5433)	1
14B-	826171GT	SCREW,HHF,1/2-13X1.75,ZAG	2
14B-	T107233GT	SHAFT,REPLACEMENT (81647)	
14B-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	
14B-	1272536GT	KIT, EDC REPLACEMENT, SAUER M46	
14B-	83141GT	O-RING, .103 X 3.237, NBR/NTRL, 90D	

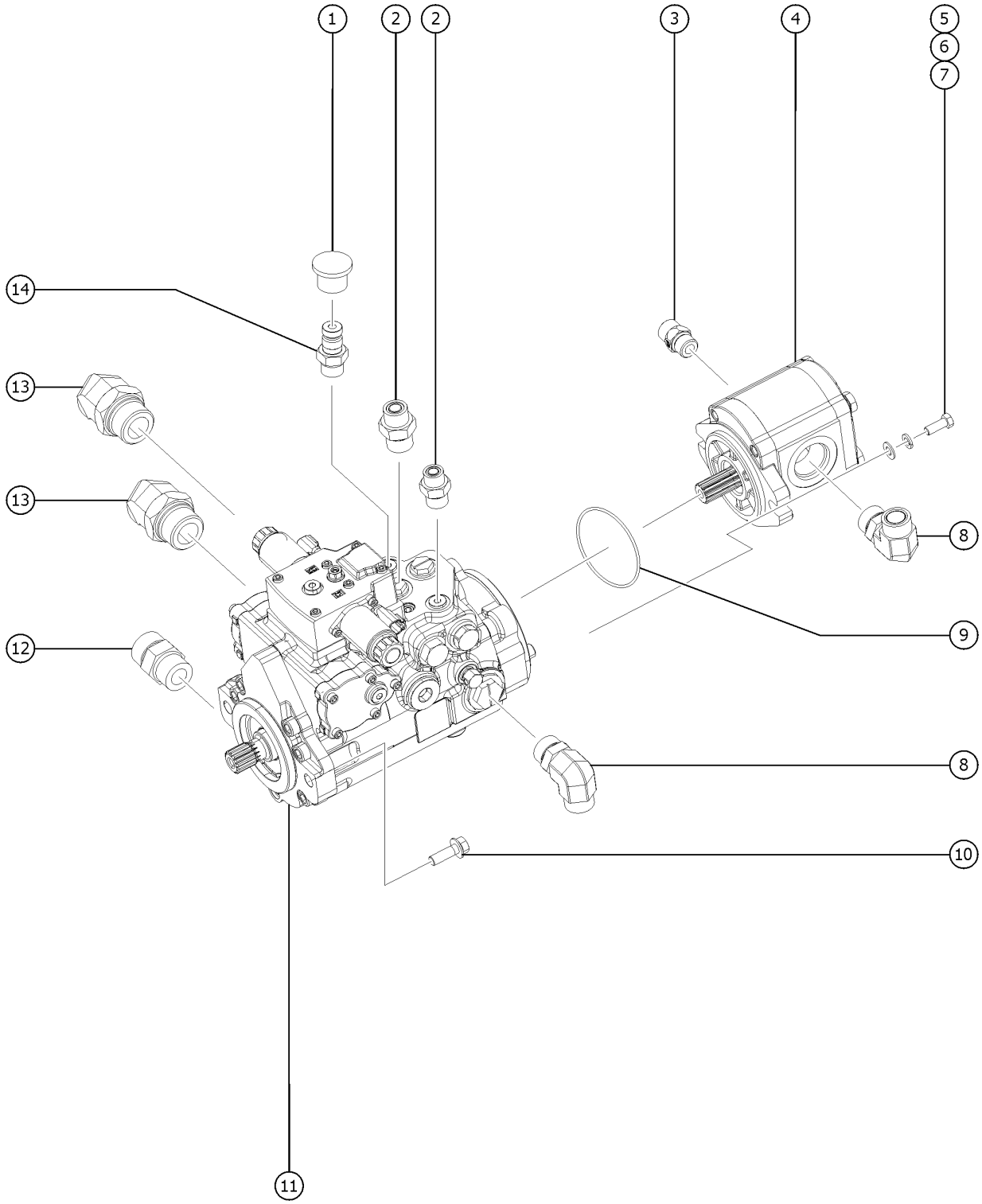
705.2 Pumps (From SN Z4525D-4410 to SN Z4525D-5433)



705.2 Pumps (From SN Z4525D-4410 to SN Z4525D-5433)

Item	*Part No.*	*Description*	*Qty.*
1	48946GT	CONN,520120-8-10	2
2	48983GT	ELBOW,90D,520220-16	2
3	81013GT	PUMP,PIGGBACK,11CC,11 TOOTH	1
4	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	2
5	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	1
6	83141GT	O-RING, .103 X 3.237, NBR/NTRL, 90D	1
7	826171GT	SCREW,HHF,1/2-13X1.75,ZAG	2
8	1275747GT	PUMP,HYD,PISTON,M46,HI CURRENT	1
9	48948GT	CONN,520120-8-12	1
10	48978GT	ELBOW,45D,520320-12-16	2

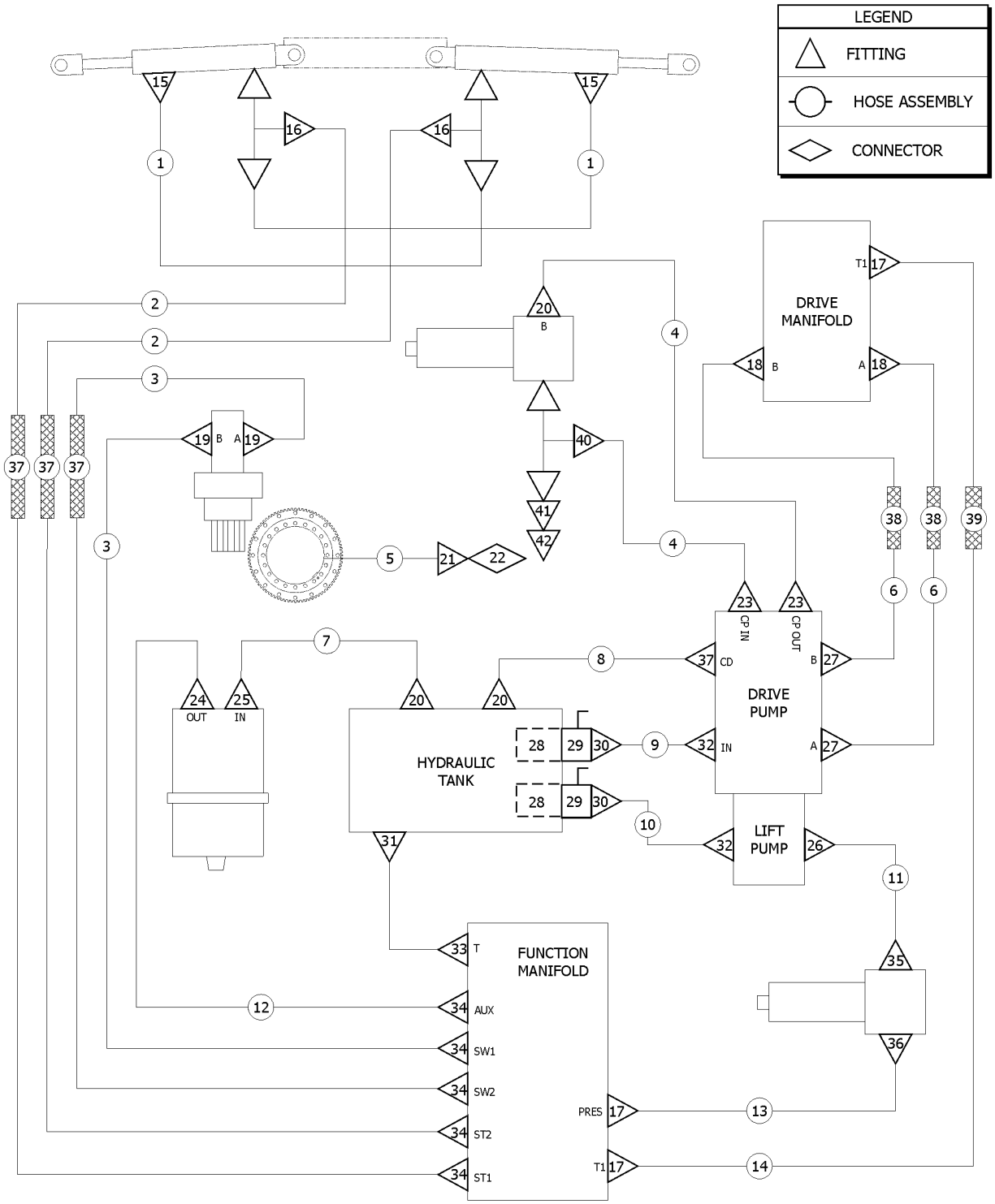
705.3 Pumps (From SN Z4525D-7734)



705.3 Pumps (From SN Z4525D-7734)

Item	Part No.	Description	Qty.
1	48880GT	CAP,DIAGNOSTIC NIPPLE	1
2	48946GT	CONN,520120-8-10	2
3	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	1
4	81013GT	PUMP,PIGGBACK,11CC,11 TOOTH to Z4525D-8615	1
4-	81669GT	SEAL KIT,11 TOOTH PUMP***	
4	1321306GT	PUMP,GEAR,FUNCTION,Z45IC from Z4525D-8616	1
4-	1321432GT	KIT,SEAL,PUMP,Z45IC	
5	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	2
6	824110GT	WASHER, LOCK, 3/8, ZAG	2
7	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG	2
8	48983GT	ELBOW,90D,520220-16	2
9	83141GT	O-RING, .103 X 3.237, NBR/NTRL, 90D	1
10	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	2
11	1316049GT	PUMP,DRIVE,HP3G46,11 TOOTH AUX	1
11-	1316050GT	SEAL KIT, HP3G46,11 TOOTH AUX	
12	48960GT	FITTING,CONN,520120-12***	1
13	48978GT	ELBOW,45D,520320-12-16	2
14	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	1

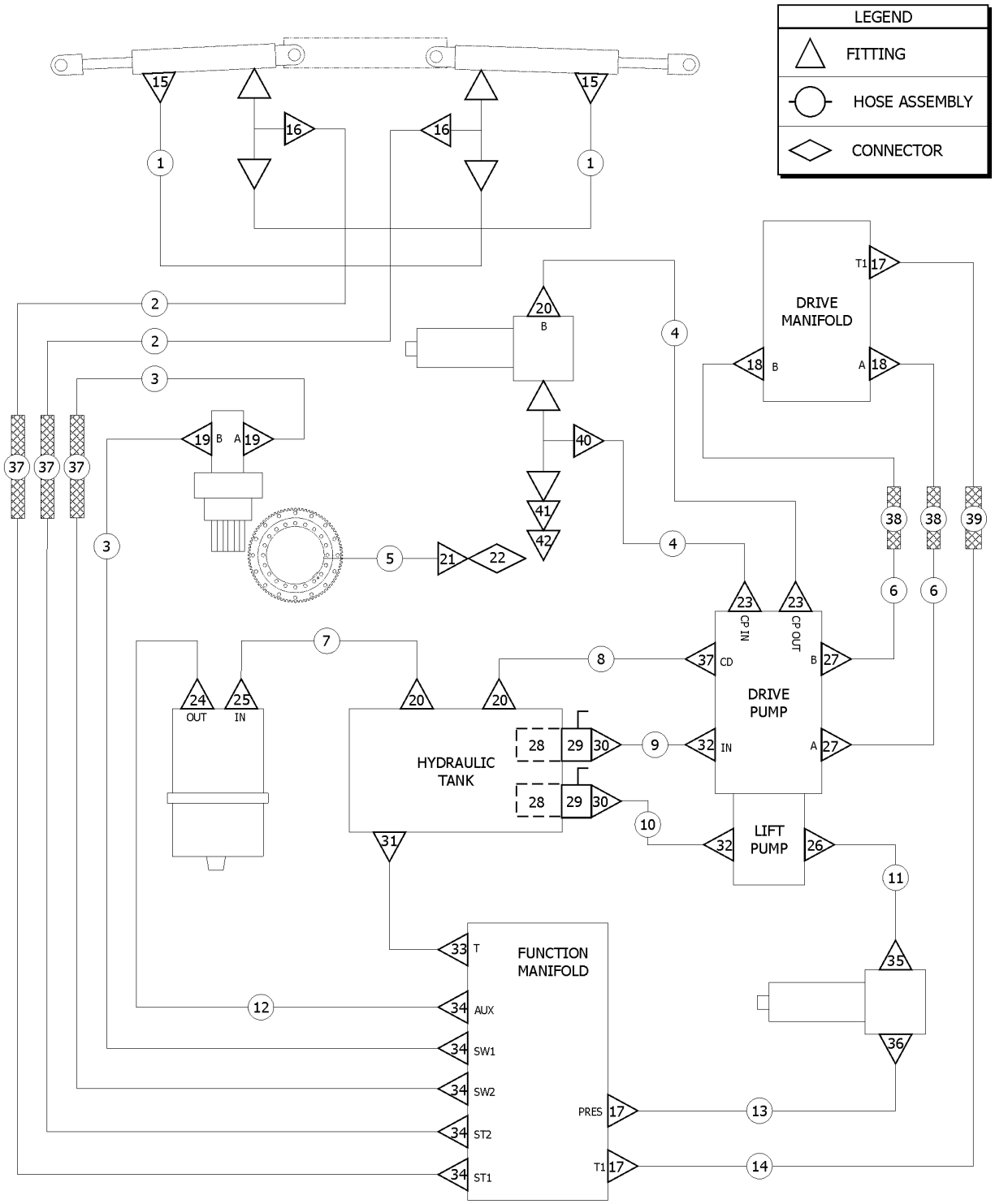
801.1 Function Manifold, View 1(from SN Z4525D-4140 to SN Z4525D-5433)



801.1 Function Manifold, View 1(from SN Z4525D-4140 to SN Z4525D-5433)

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	1282927-5128GT	ASSY, HOSE, HYD, -16, 250, STR, 45	1
10	119993-4303GT	HOSE ASSY 1",STR FEM,STR FEM	1
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	48946GT	CONN,520120-8-10	1
24	48912GT	CONN,520120-4-6***	1
25	48916GT	CONN, 520120-6	1
26	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	1
27	48978GT	ELBOW,45D,520320-12-16	2
28	147419GT	KIT,STRAINER REPLACEMENT	2

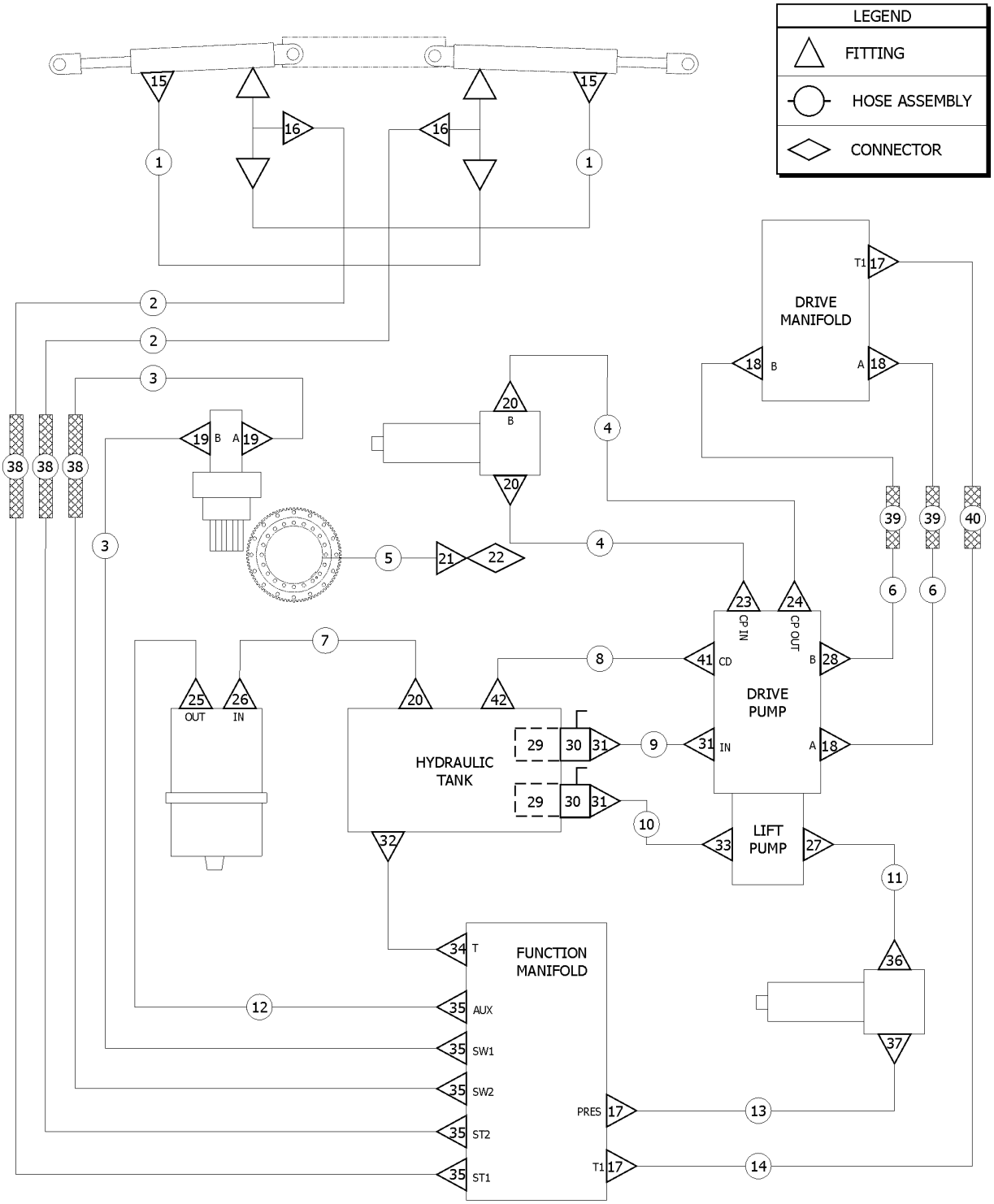
801.1 Function Manifold, View 1(from SN Z4525D-4140 to SN Z4525D-5433)



801.1 Function Manifold, View 1(from SN Z4525D-4140 to SN Z4525D-5433)

Item	*Part No.*	*Description*	*Qty.*
29	48996GT	VALVE, BALL, 16 MSAE-16 FSAE	2
30	48984GT	CONN,520120-16	3
31	48977GT	CONN,520120-12-16	1
32	48983GT	ELBOW,90D,520220-16	1
33	48960GT	FITTING,CONN,520120-12***	1
34	48905GT	CONNECTOR, 520120-4	5
35	48947GT	ELBOW,90D,520220-8-12	1
36	48948GT	CONN,520120-8-12	1
37	48773GT	SLEEVE,NYLON,.86 ID Qty. 3	28
38	48767GT	SLEEVE,NYLON,1.42 ID Qty. 2	20
39	48773GT	SLEEVE,NYLON,.86 ID	20
40	48936GT	TEE,BRANCH,520429-8	1
41	48941GT	REDUCER,520123-8-4	1
42	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	1
42-	48880GT	CAP,DIAGNOSTIC NIPPLE	1

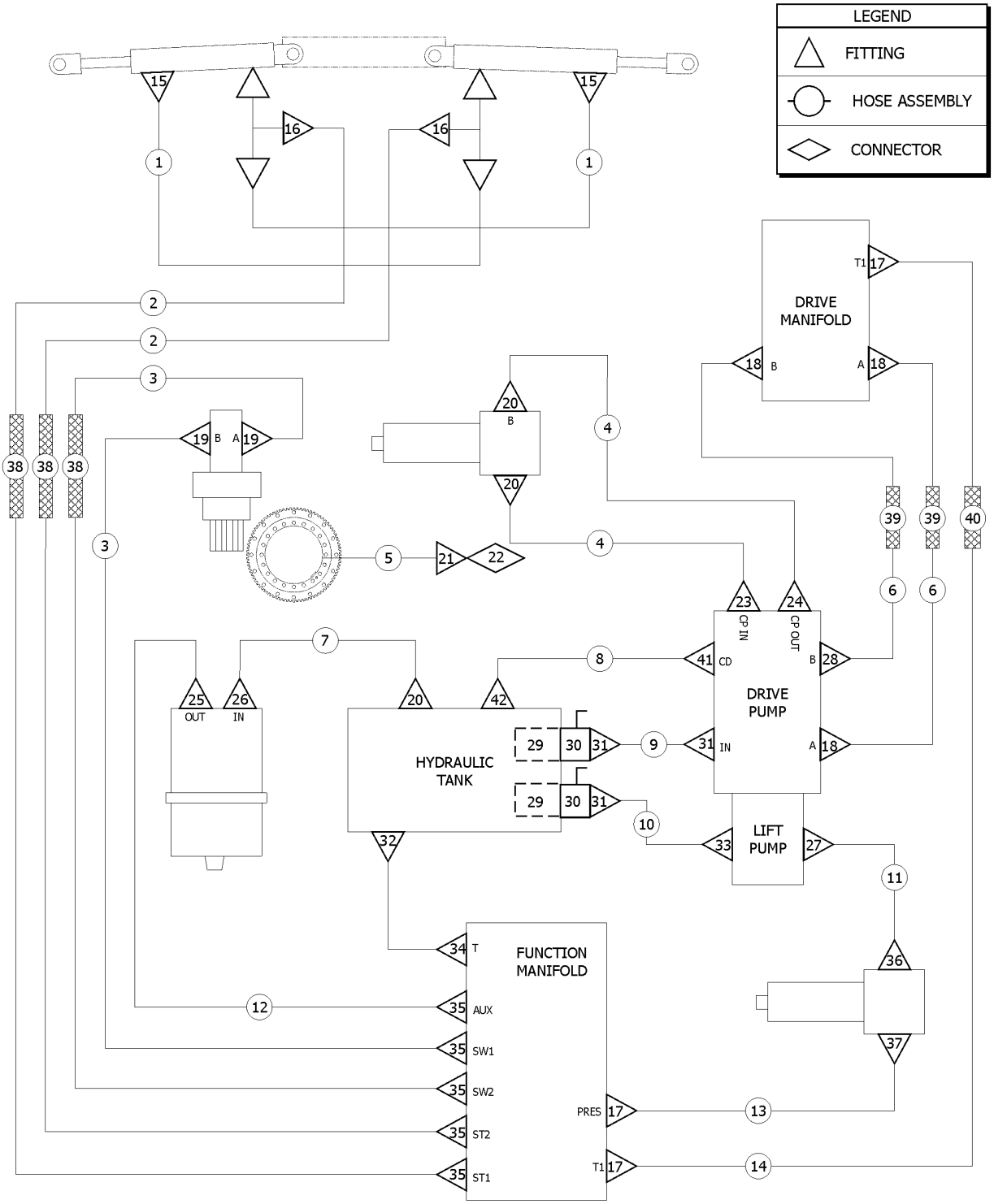
801.2 Function Manifold, View 1 (to SN Z4525D-4409, from SN Z4525D-5434)



801.2 Function Manifold, View 1 (to SN Z4525D-4409, from SN Z4525D-5434)

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 to Z4525D-6664	1
8B	49149-6663GT	ASSY, HOSE, HYD, -12, 1750, STR, 45 from Z4525D-6665	1
9	1282927-5128GT	ASSY, HOSE, HYD, -16, 250, STR, 45	1
10	119993-4303GT	HOSE ASSY 1",STR FEM,STR FEM	1
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
26	48916GT	CONN, 520120-6	1
27	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	1

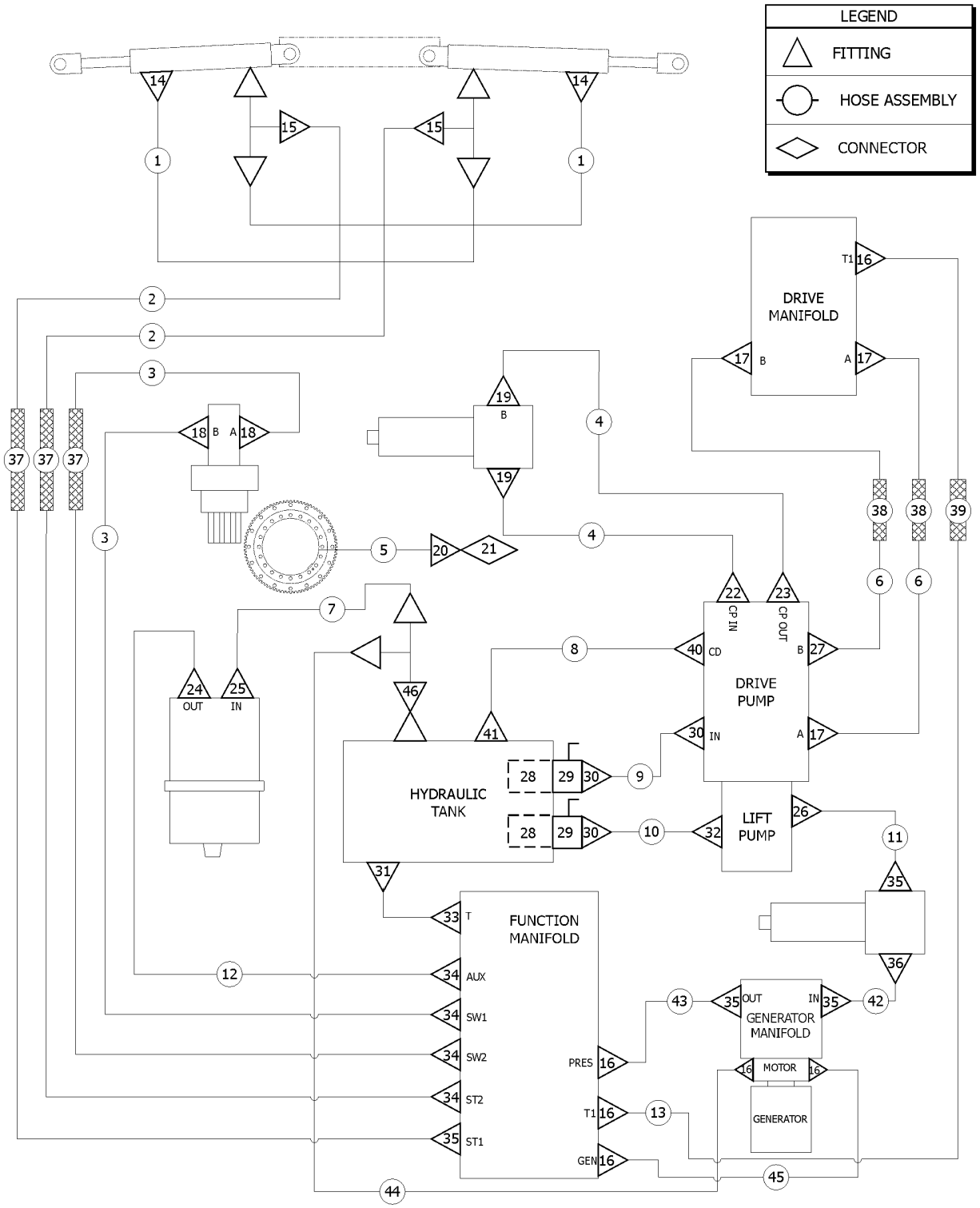
801.2 Function Manifold, View 1 (to SN Z4525D-4409, from SN Z4525D-5434)



801.2 Function Manifold, View 1 (to SN Z4525D-4409, from SN Z4525D-5434)

Item	*Part No.*	*Description*	*Qty.*
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 Qty. 3	28
39	48767GT	SLEEVE,NYLON,1.42 ID Qty. 2	20
40	48773GT	SLEEVE,NYLON,.86 ID	20
41	48948GT	CONN,520120-8-12 to Z4525D-6664	1
41B	48960GT	FITTING,CONN,520120-12*** from Z4525D-6665	1
42	48932GT	FITTING,ELBOW,90D,520220-8*** to Z4525D-6664	1
42B	1313281GT	FITTING, ELBOW, 90D, 520220 8-12 from Z4525D-6665	1

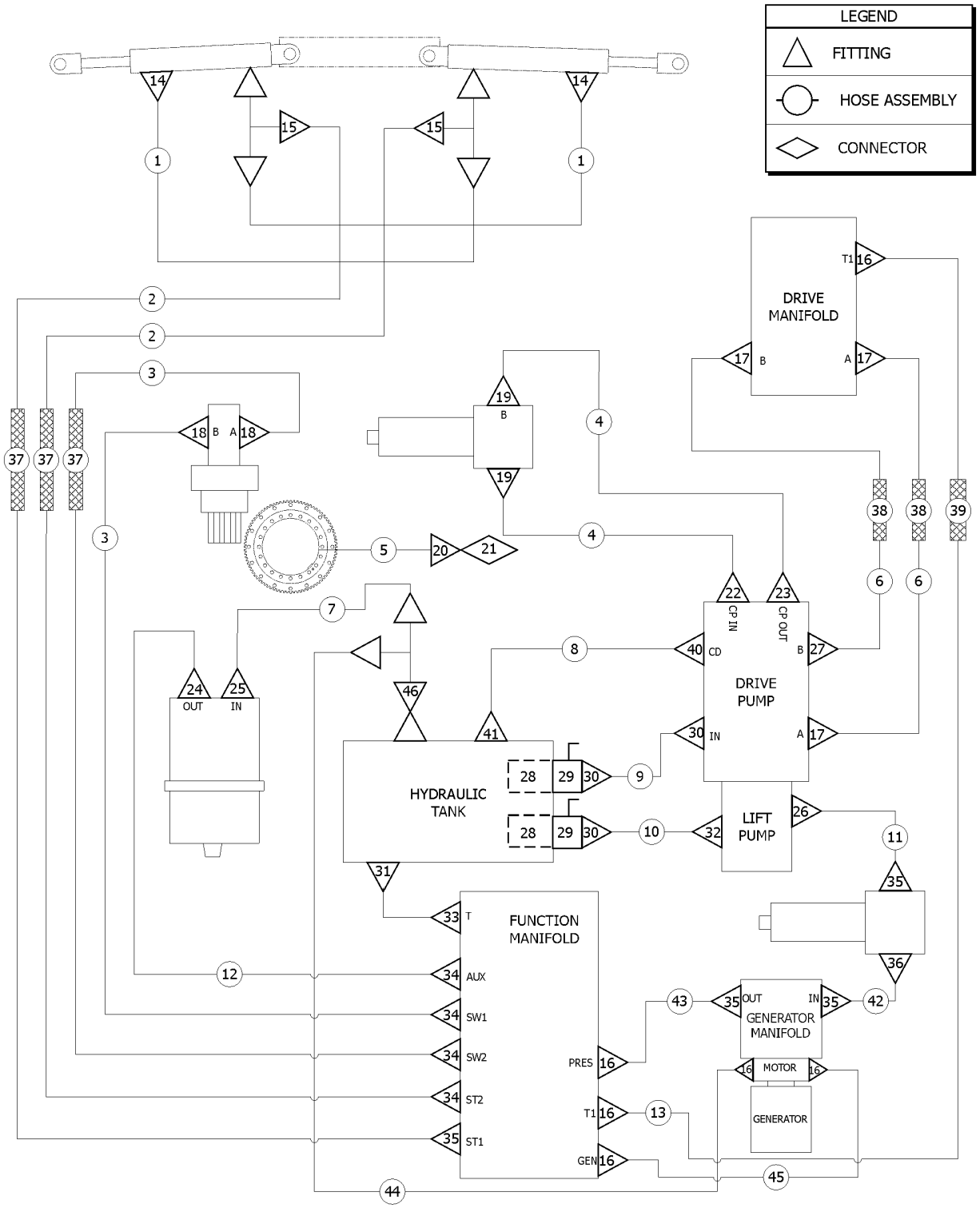
801.3 Function Manifold, View, 2.2kw Generator



801.3 Function Manifold, View, 2.2kw Generator

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 to Z4525D-6664	1
8B	49149-6663GT	ASSY, HOSE, HYD, -12, 1750, STR, 45 from Z4525D-6665	1
9	1282927-5128GT	ASSY, HOSE, HYD, -16, 250, STR, 45	1
10	119993-4303GT	HOSE ASSY 1",STR FEM,STR FEM	1
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	49183-11492GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
14	48911GT	ELBOW,90D,520220-4-6***	2
15	48918GT	TEE,RUN,520428-6	2
16	48933GT	CONN,520120-8***	6
17	48906GT	TEE,RUN,520428-4	2
18	48904GT	ELBOW, 90D, 520220-4	2
19	48932GT	FITTING,ELBOW,90D,520220-8***	2
20	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	1
21	94643GT	ZERK,GREASE,5/16-24,STRAIT	1
22	48949GT	CONN,520120-8-16	1
23	48946GT	CONN,520120-8-10	1
24	48912GT	CONN,520120-4-6***	1
25	48916GT	CONN, 520120-6	1
26	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	1
27	48978GT	ELBOW,45D,520320-12-16	2

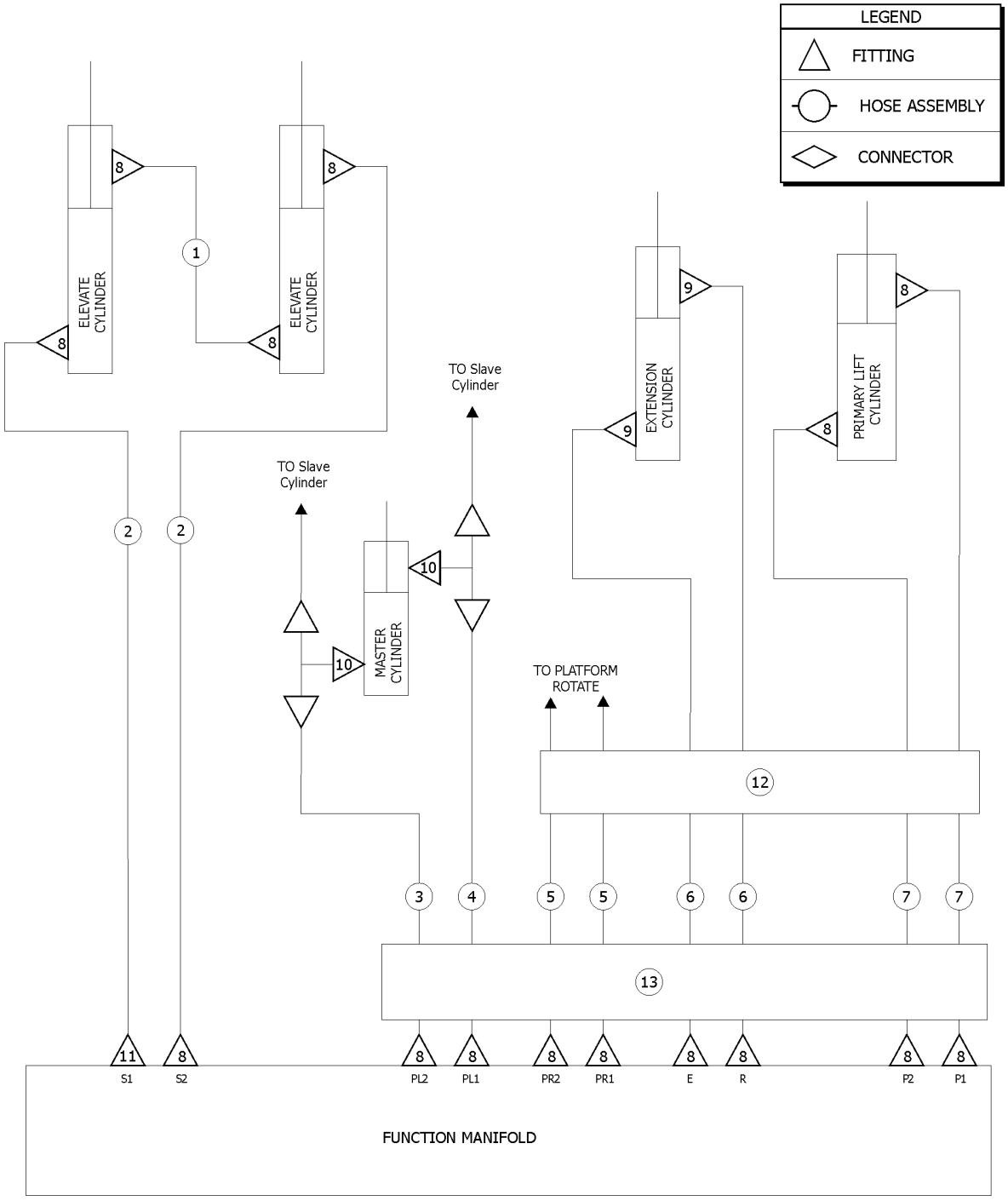
801.3 Function Manifold, View, 2.2kw Generator



801.3 Function Manifold, View, 2.2kw Generator

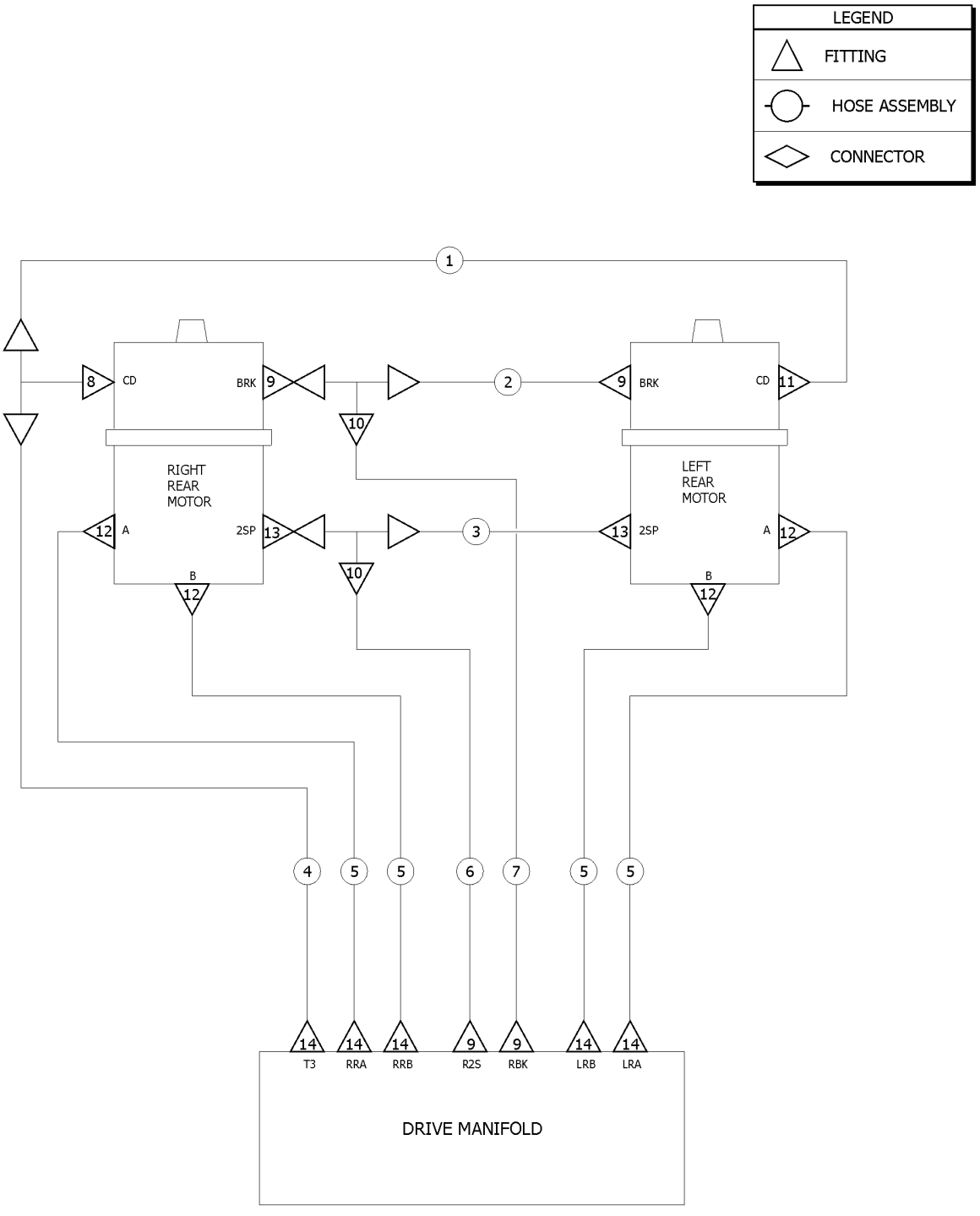
Item	Part No.	Description	Qty.
28	147419GT	KIT,STRAINER REPLACEMENT	2
29	48996GT	VALVE, BALL, 16 MSAE-16 FSAE	2
30	48984GT	CONN,520120-16	3
31	48977GT	CONN,520120-12-16	1
32	48983GT	ELBOW,90D,520220-16	1
33	48960GT	FITTING,CONN,520120-12***	1
34	48905GT	CONNECTOR, 520120-4	5
35	48947GT	ELBOW,90D,520220-8-12	3
36	48948GT	CONN,520120-8-12	1
37	48773GT	SLEEVE,NYLON,.86 ID Qty. 3	28
38	48767GT	SLEEVE,NYLON,1.42 ID Qty. 2	20
39	48773GT	SLEEVE,NYLON,.86 ID	20
40	48948GT	CONN,520120-8-12 to Z4525D-6664	1
40B	48960GT	FITTING,CONN,520120-12*** from Z4525D-6665	1
41	48932GT	FITTING,ELBOW,90D,520220-8*** to Z4525D-6664	1
41B	1313281GT	FITTING, ELBOW, 90D, 520220 8-12 from Z4525D-6665	1
42	61143-8863GT	HOSE ASSY, 1/2, 45 FEM,STR FEM	1
43	81812-6617GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
44	1290338-1594GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1
45	49143-6254GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
46	48935GT	TEE,RUN,520428-8	1

802.1 Function Manifold, View 2



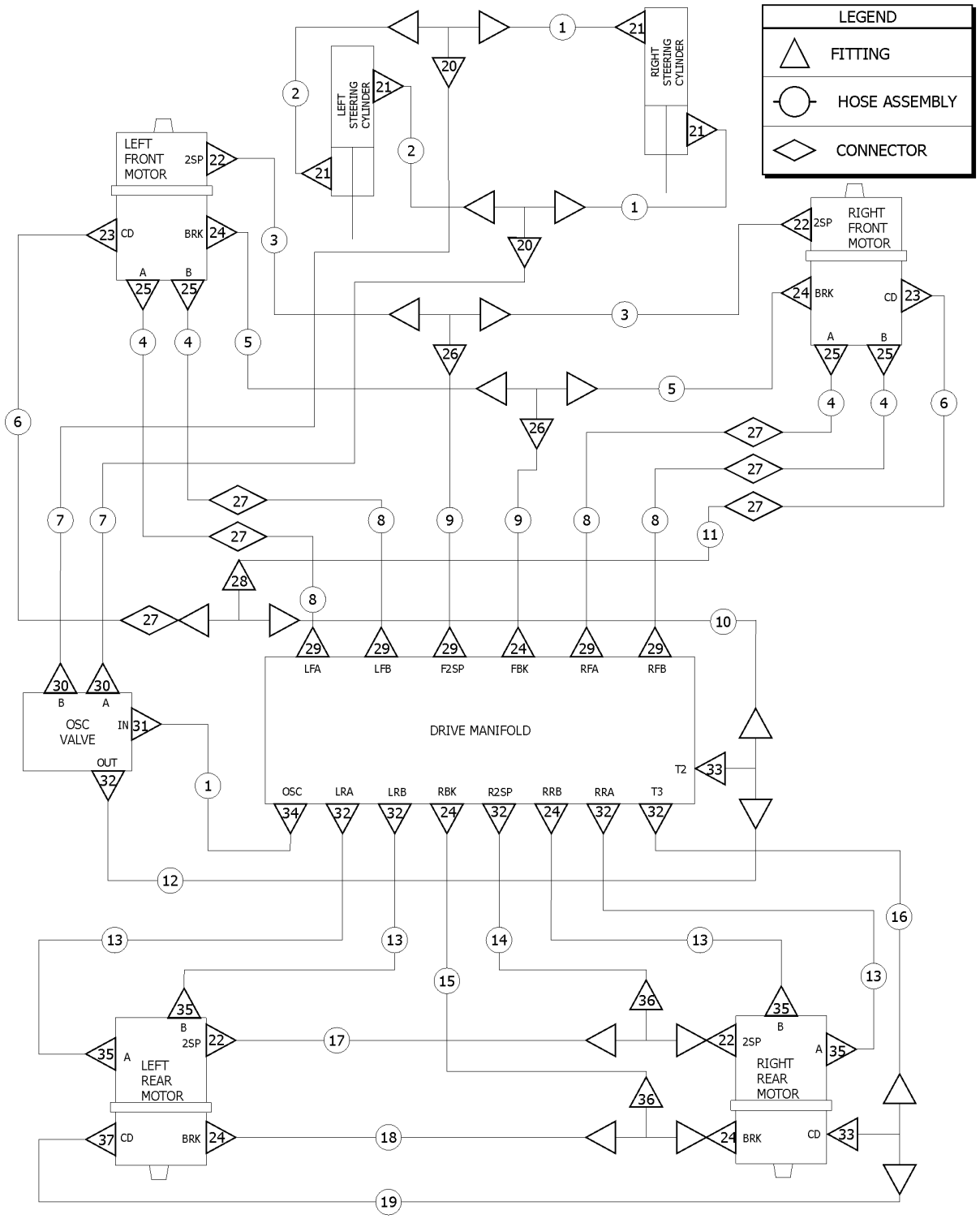
802.1 Function Manifold, View 2

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
13	77103GT	SLEEVE,NYLON,3.13 ID	48

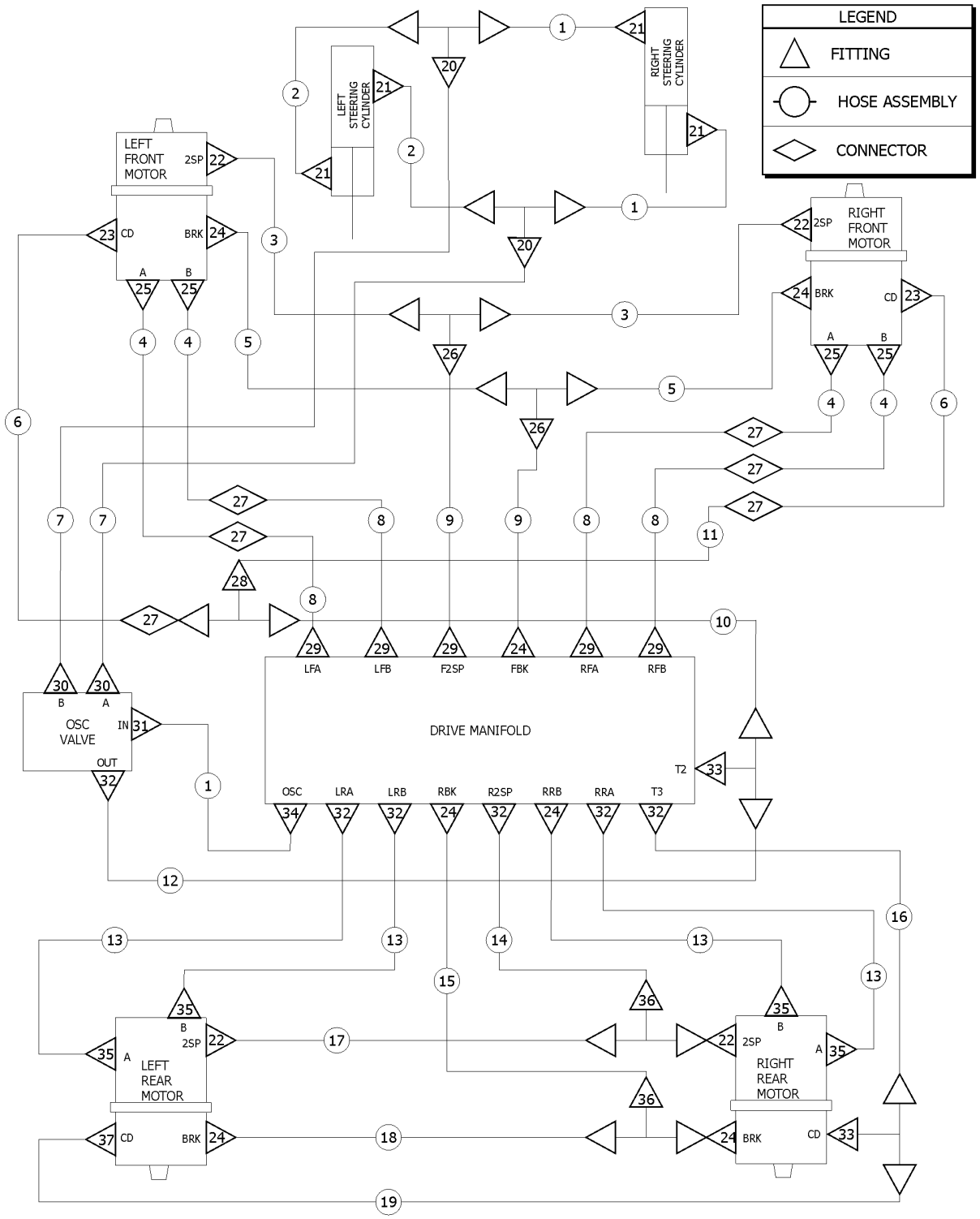

LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
1
8
CD
BRK
9
2
9
BRK
CD
11
10
RIGHT
REAR
MOTOR
LEFT
REAR
MOTOR
12
A
2SP
13
3
13
2SP
A
12
B
12
10
B
12
4
5
5
6
7
5
5
14
T3
14
RRA
14
RRB
9
R2S
9
RBK
14
LRB
14
LRA
DRIVE MANIFOLD

803.1 Drive and Steer, 2WD

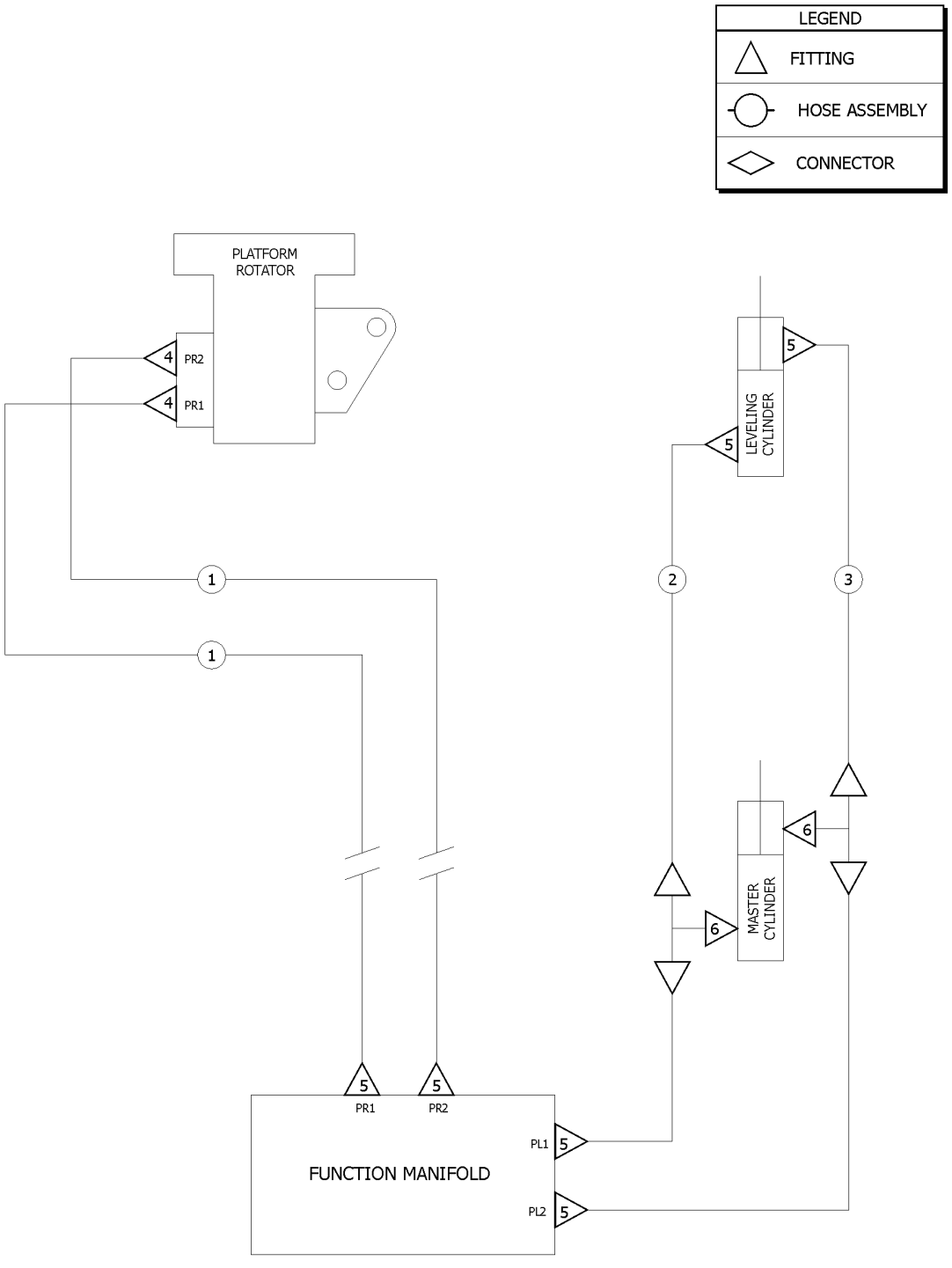
Item	Part No.	Description	Qty.
1	94464-7086GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
2	49119-6078GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
3	49119-5478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
4	1290361-5828GT	ASSY, HOSE, AIR, -8, 300, STR, 45	1
5	81812-4892GT	HOSE ASSY,1/2,STR FEM,STR FEM	4
6	49117-4991GT	HOSE ASSY,1/4,90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

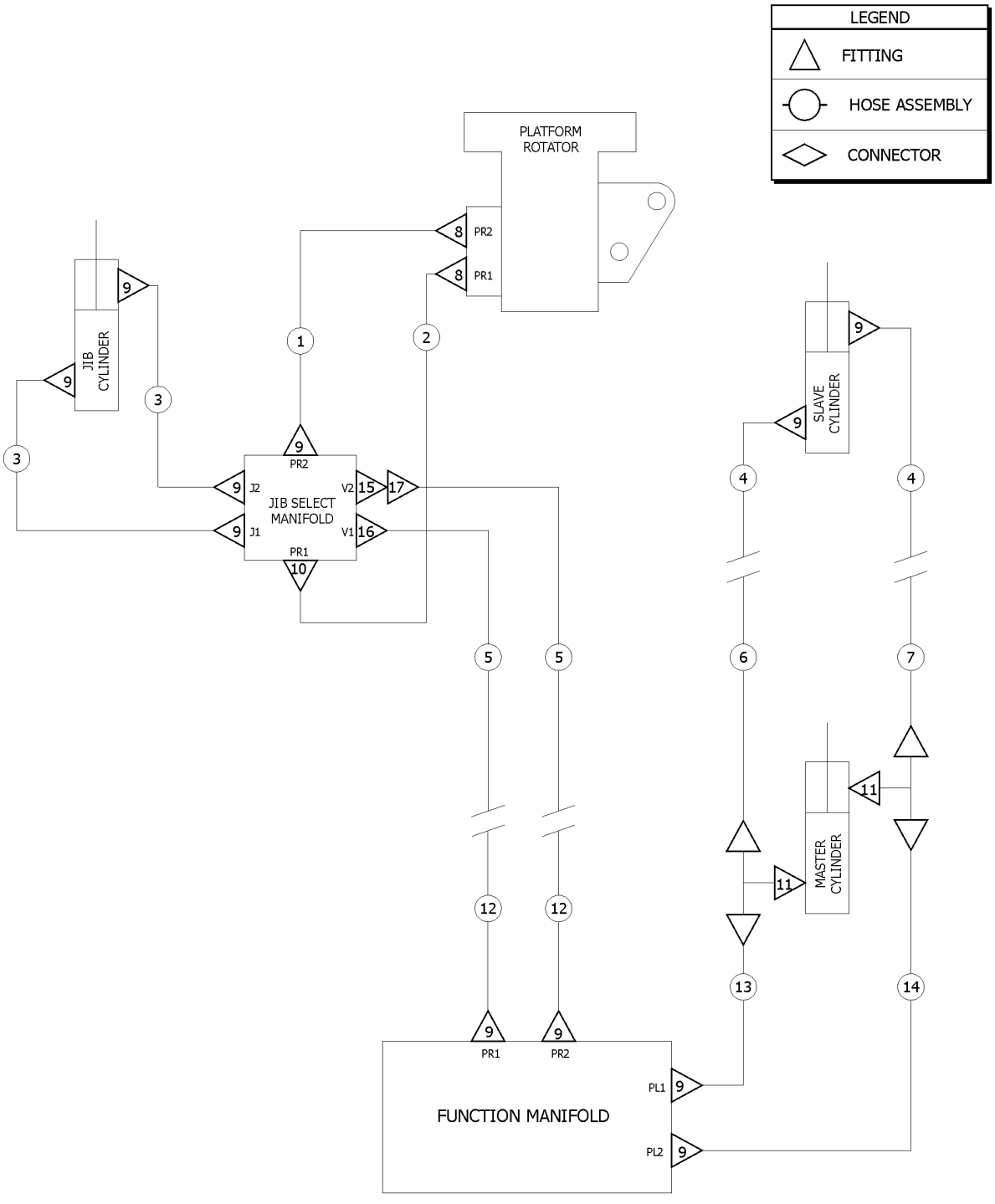
Item	Part No.	Description	Qty.
1	49117-2591GT	HOSE ASSY,1/4,90 FEM,STR FEM**	3
2	49117-2191GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
3	49119-5578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
4	61143-3263GT	HOSE ASSY,1/4,45 FEM,STR FEM	4
5	49117-5591GT	HOSE ASSY,1/4,90 FEM,STR FEM**	2
6	49126-3433GT	HOSE ASSY,3/8,45 FEM,STR 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 (to SN Z4525D-4578)	4
8B	89555-7156GT	HOSE ASSY, 1/2, STR FEM, STR BLKH (from SN Z4525D-4579)	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	FITTING,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


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.
28	227614GT	CONN,520120-20	1
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

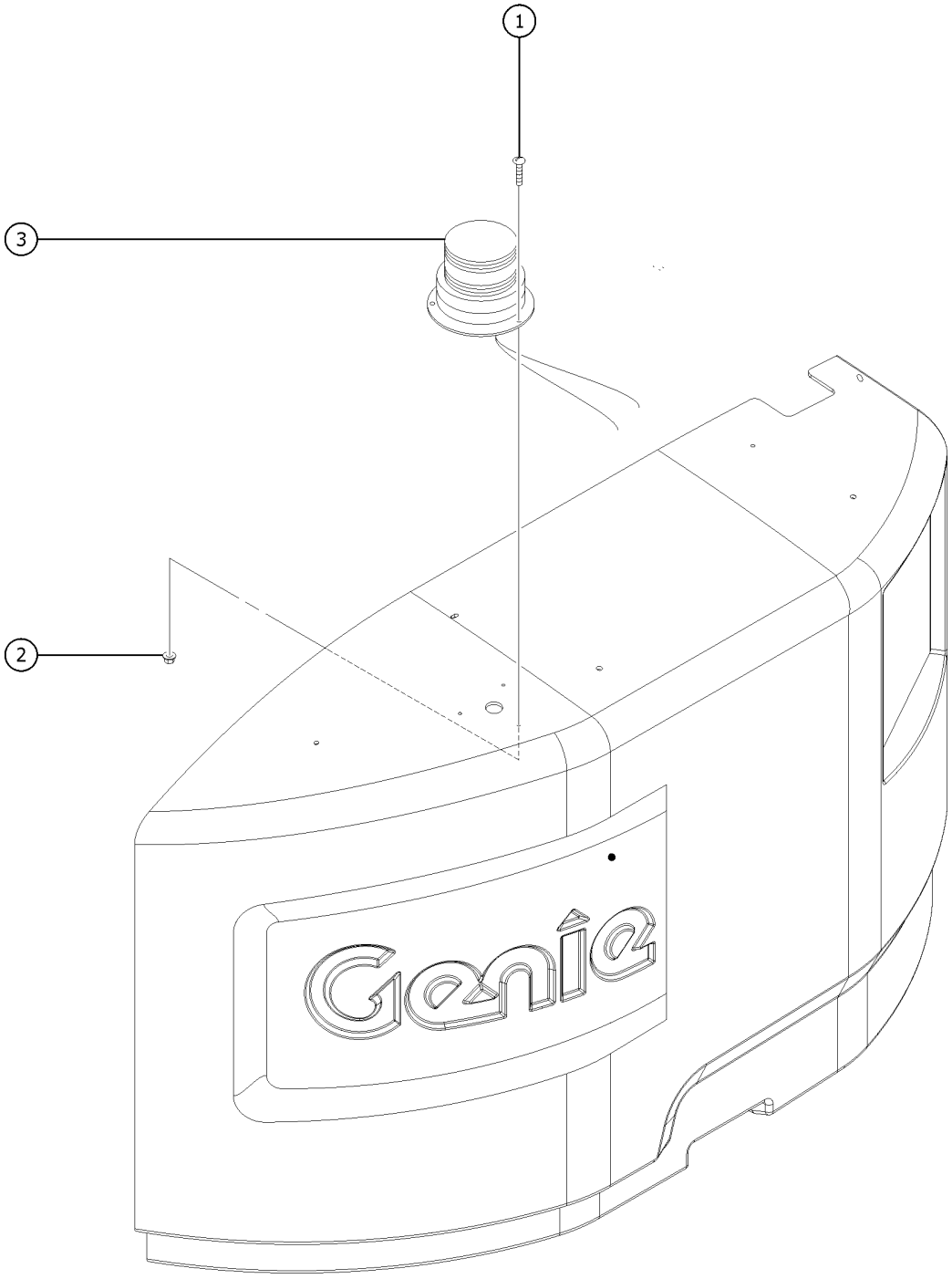

LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
PLATFORM ROTATOR
4
PR2
4
PR1
5
LEVELING CYLINDER
5
1
1
2
3
6
MASTER CYLINDER
6
5
PR1
5
PR2
PL1
5
FUNCTION MANIFOLD
PL2
5

Item	*Part No.*	*Description*	*Qty.*
A-	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') for items 2 and 3	23
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 15
17
JIB SELECT MANIFOLD
9 J1
V1 16
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
B-	48767GT	SLEEVE,NYLON,1.42 ID for item 6 and 7	7
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	2
4	49121-2088GT	HOSE ASSY 1/4,STR FEM,STR MALE	2
5	49121-27788GT	HOSE ASSY 1/4,STR FEM,STR MALE	2
6	49119-20578GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
7	49119-21878GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
8	48907GT	ELBOW,45D,520320-4	2
9	48905GT	CONNECTOR, 520120-4	7
10	48904GT	ELBOW, 90D, 520220-4	1
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
15	54132GT	ELBOW,SWIVEL 90D, 520221-4	1
16	48904GT	ELBOW, 90D, 520220-4 to SN Z4525D-2610	1
16B	1293787GT	No.4 90DEG ORFS W/125 MICRON SCREEN from SN Z4525D-2611	1
17	48905GT	CONNECTOR, 520120-4 to SN Z4525D-2610	1
17B	1293788GT	No.4 STR ORFS W/125 MICRON SCREEN from SN Z4525D-2611	1

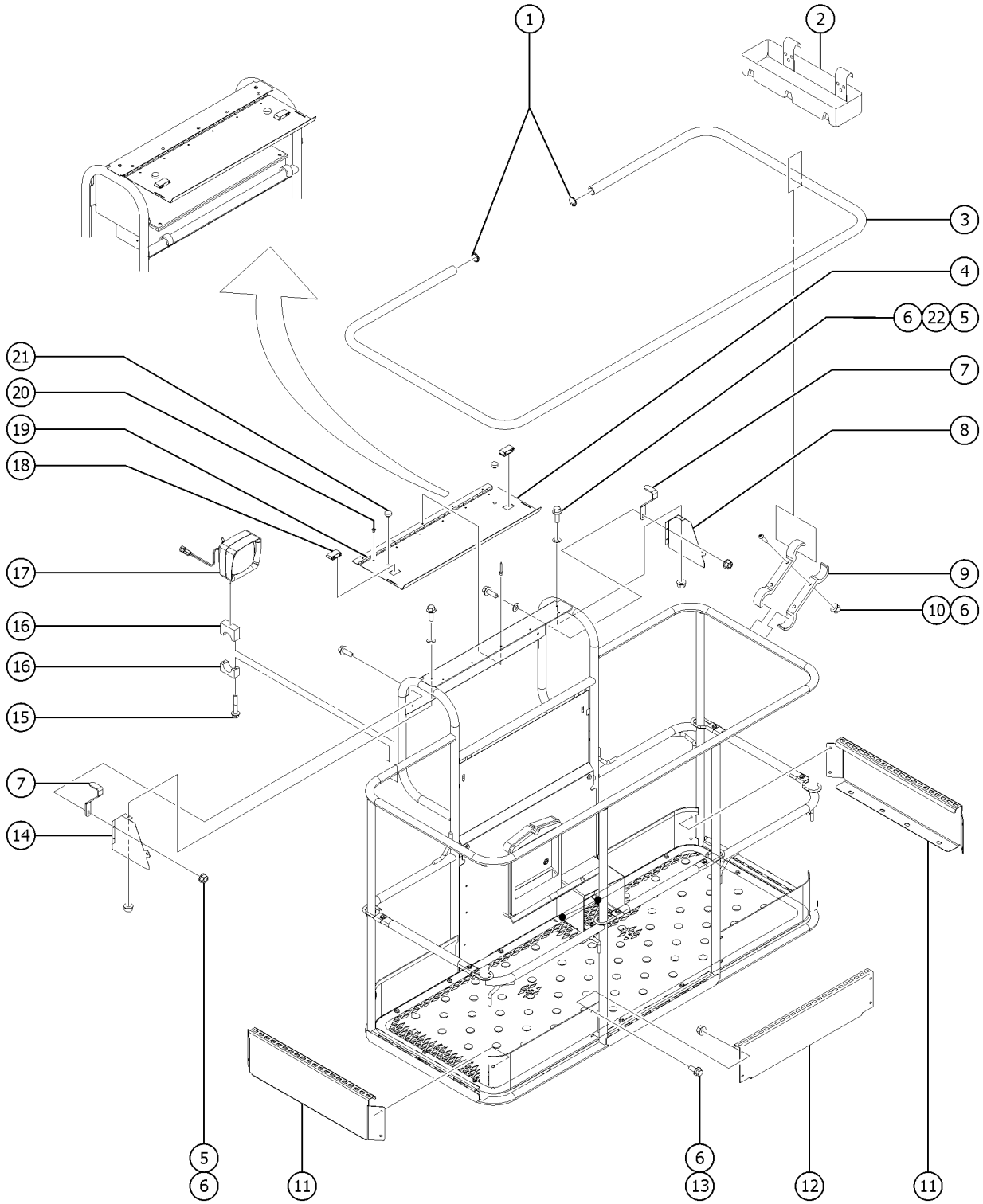
901.1 Flashing Alarm Package



901.1 Flashing Alarm Package

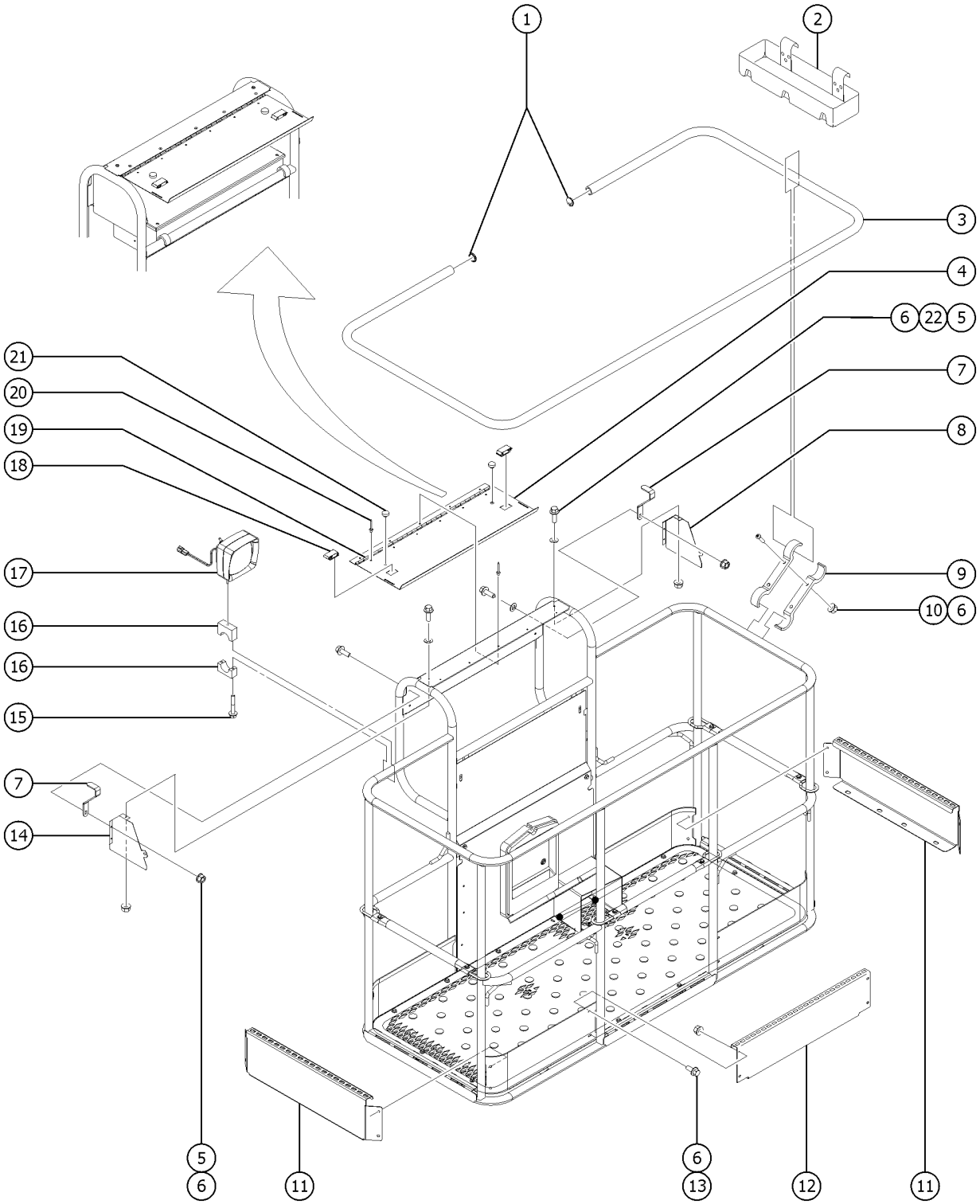
Item	*Part No.*	*Description*	*Qty.*
1	825352GT	SCREW,PHPM,10-32X1.25,ZAG	3
2	1264261GT	NUT,SERRATED,10-32,ZAG	3
3	1307061GT	STROBE,FIREBOLT,10-100VDC,AMB**	1

902.1 Platform Options

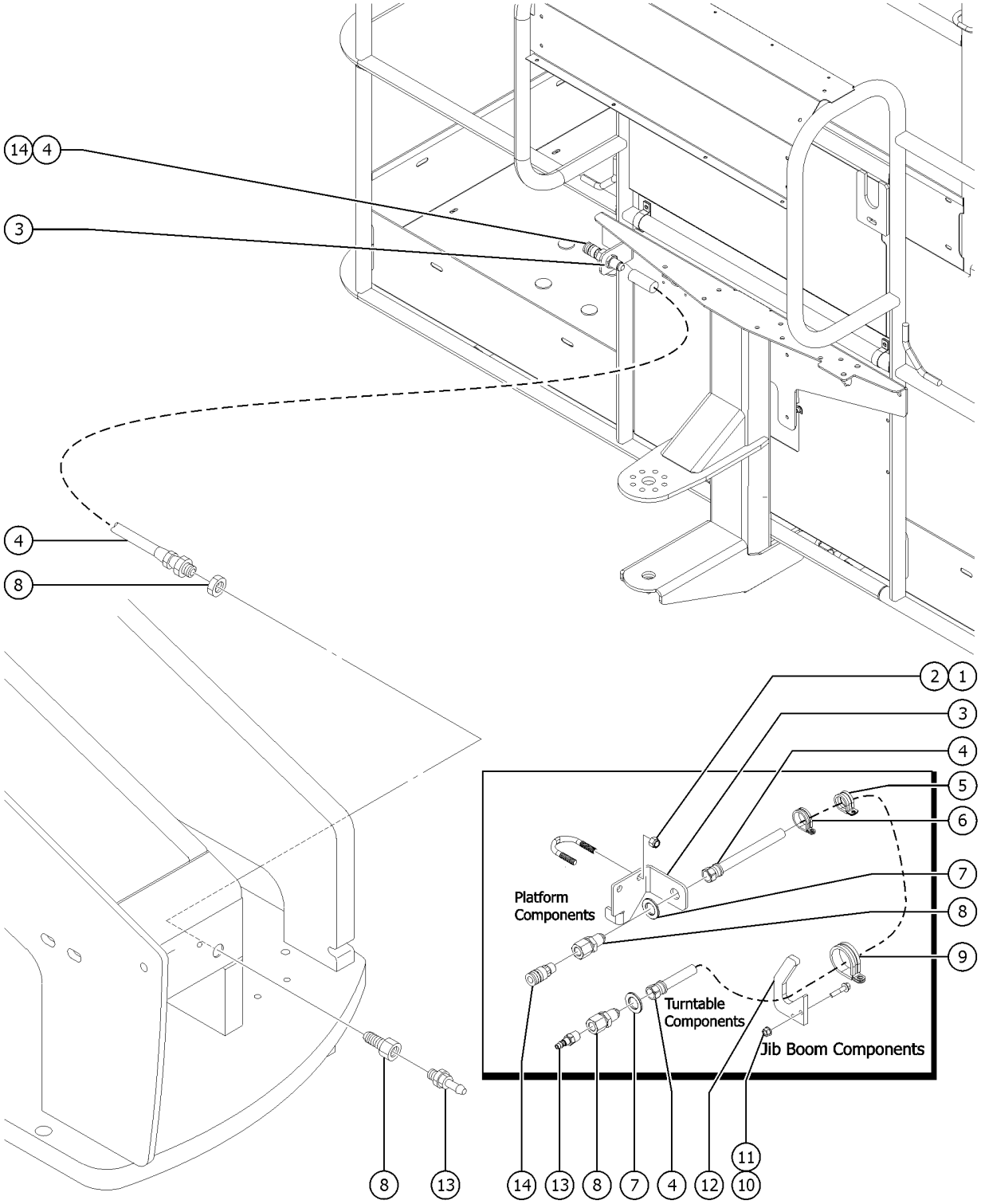


Item	Part No.	Description	Qty.
A	219684GT	HARN,DRIVE LIGHTS,Z45/Z51	
1	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
2	9599-SGT	TOOL TRAY ACCESSORY***	1
2-	7746PGT	TOOL TRAY BRACKET (GRAY)	
3		Ref. PINCH GUARD RAIL,6' PLATFORM (refer to 922.1)	1
3B		Ref. AUX TOP RAIL,6FT,PTD (refer to 922.1)	1
4	102785PGT	CONTROL BOX COVER,LID,PTD	1
5	1268957GT	SCREW,HHC,1/4-20X.63,8,ZAG	
6	1277924GT	NUT,NYLOCK FLG,1/4-20,F,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	


14
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Platform Components
Turntable Components
Jib Boom Components
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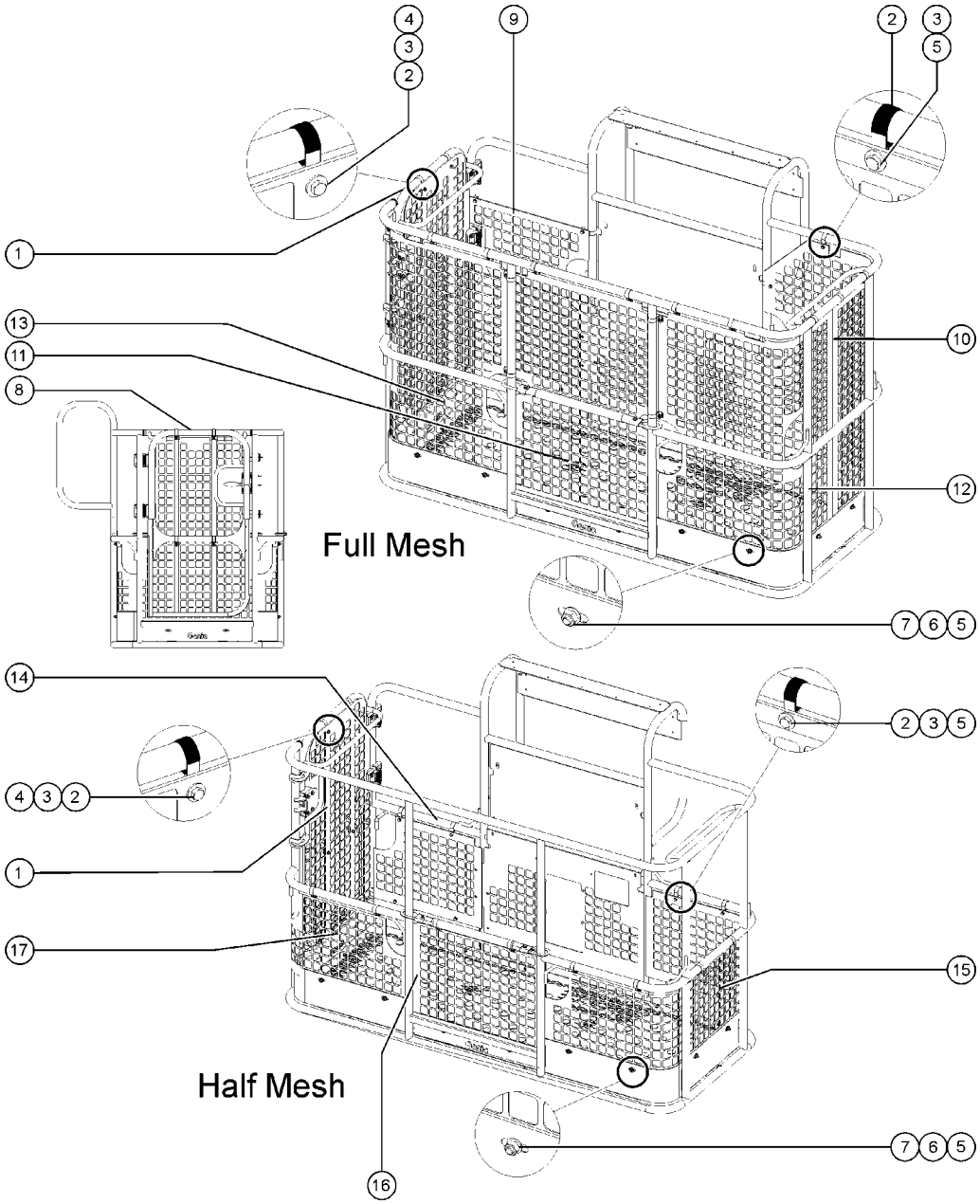
Item	Part No.	Description	Qty.
A		DECAL,LABEL,AIRLINE 110 PSI refer to 101.1	
B	110149GT	CABLE TIE,DFT MOUNT,BLK,6.5"	4
1	1253478GT	SCREW,HHF,3/8-16X2,8,ZAG	2
2	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	1
3	70642PGT	BRACKET,AIR HOSE TO PLAT PAINT	1
4	70644-75792GT	HOSE ASSY,3/8 STR FEM STR FEM*	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,#30X3/8,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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Full Mesh
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17
15
Half Mesh
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6
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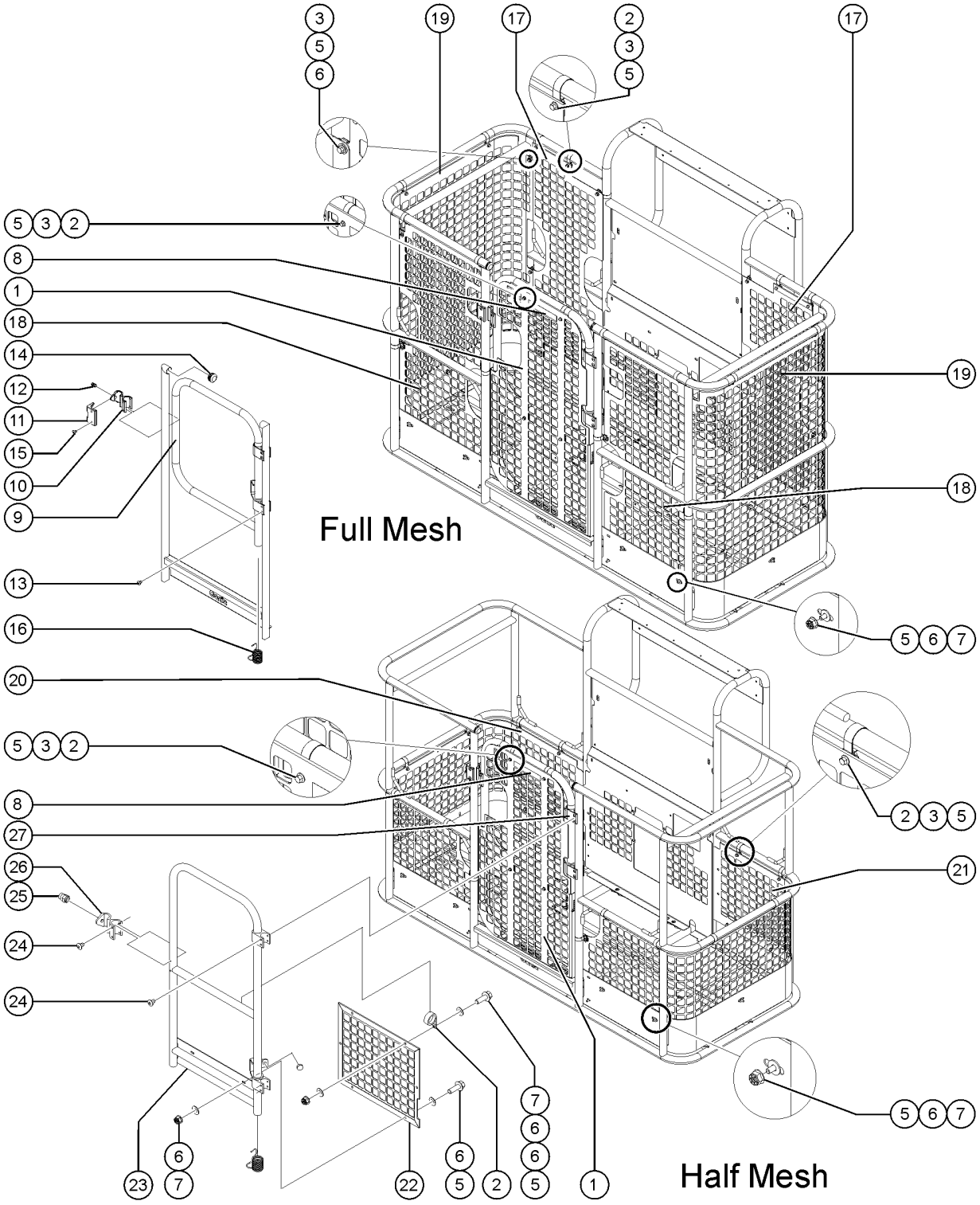
16

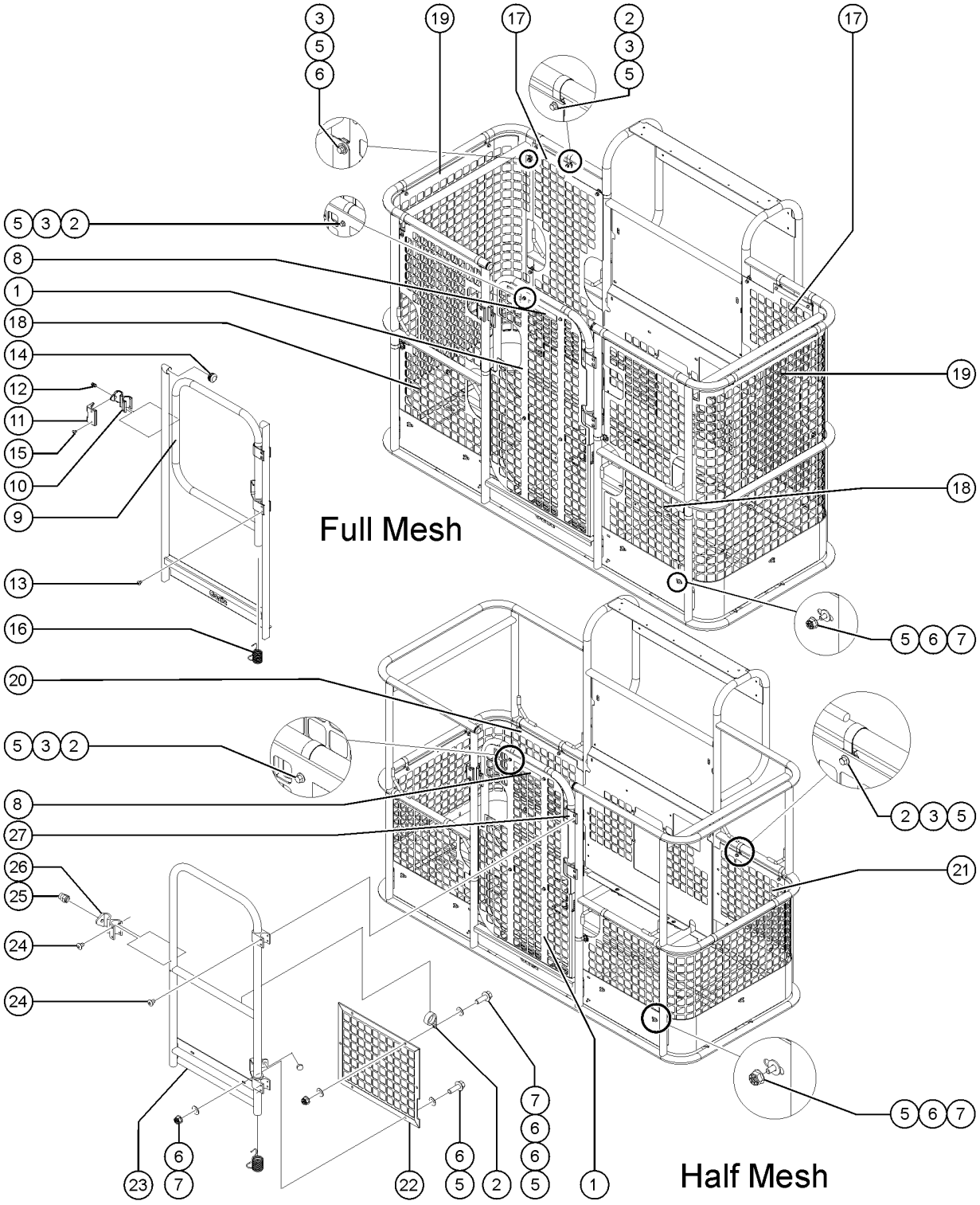
Item	Part No.	Description	Qty.
-	1286622GT	KIT, 6' FULL MESH,SIDE GATE	
-	1275282GT	KIT, 6' HALF MESH,SIDE GATE	
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG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



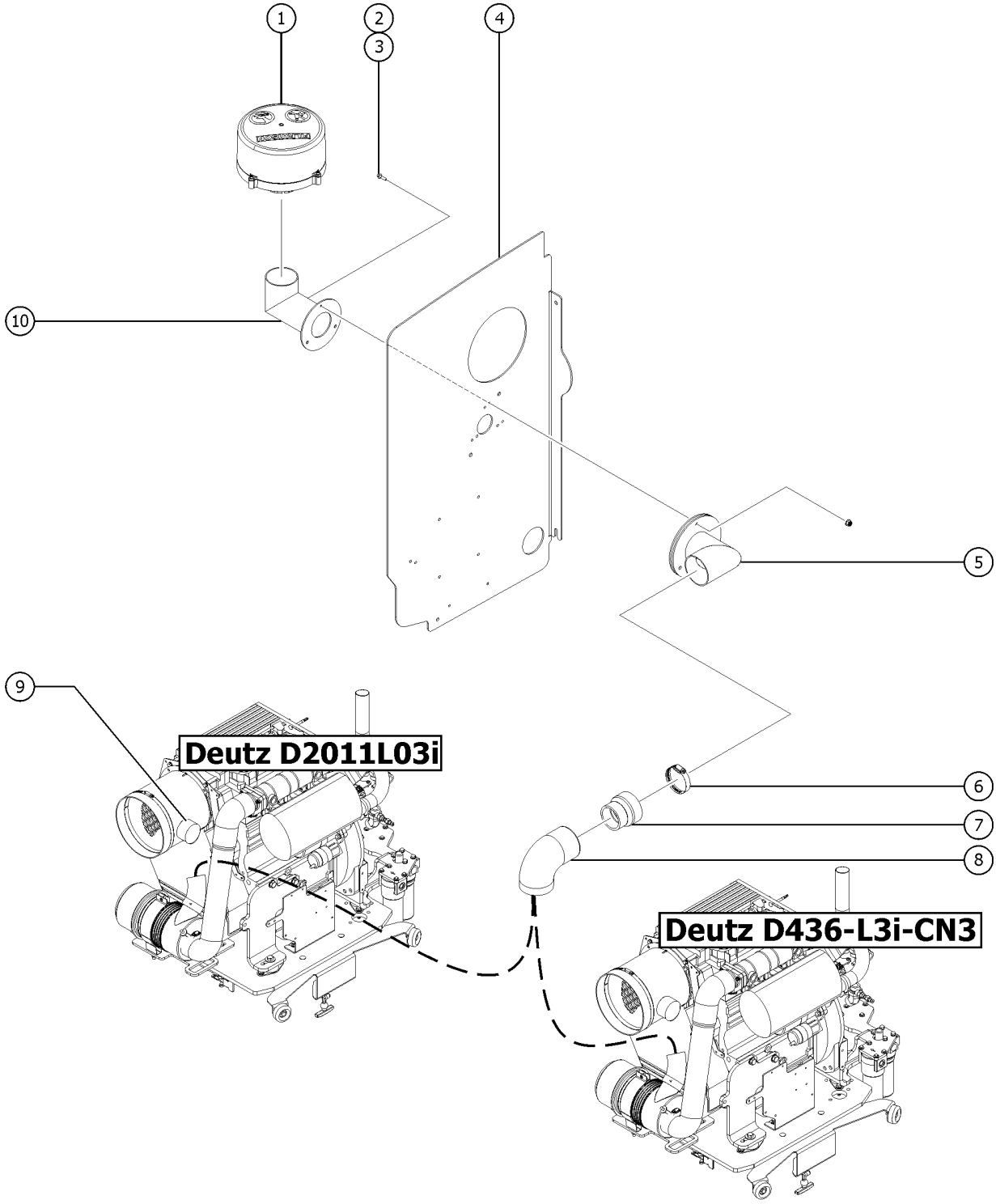
Item	Part No.	Description	Qty.
-	1290895GT	KIT, 6' FULL MESH W/FRONT HALF GATE	
-	1290893GT	KIT, 6' HALF MESH W/FRONT HALF GATE	
-	1290135GT	KIT,HALF FRONT,SWING GATE (Includes items 9-16)	
-	128368GT	KIT,SWING GATE W/SPRING (Includes items 23) (doesn't include 63311, 1487, and 1488)	1
1	1278793GT	WELDMENT,PLATFORM 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	

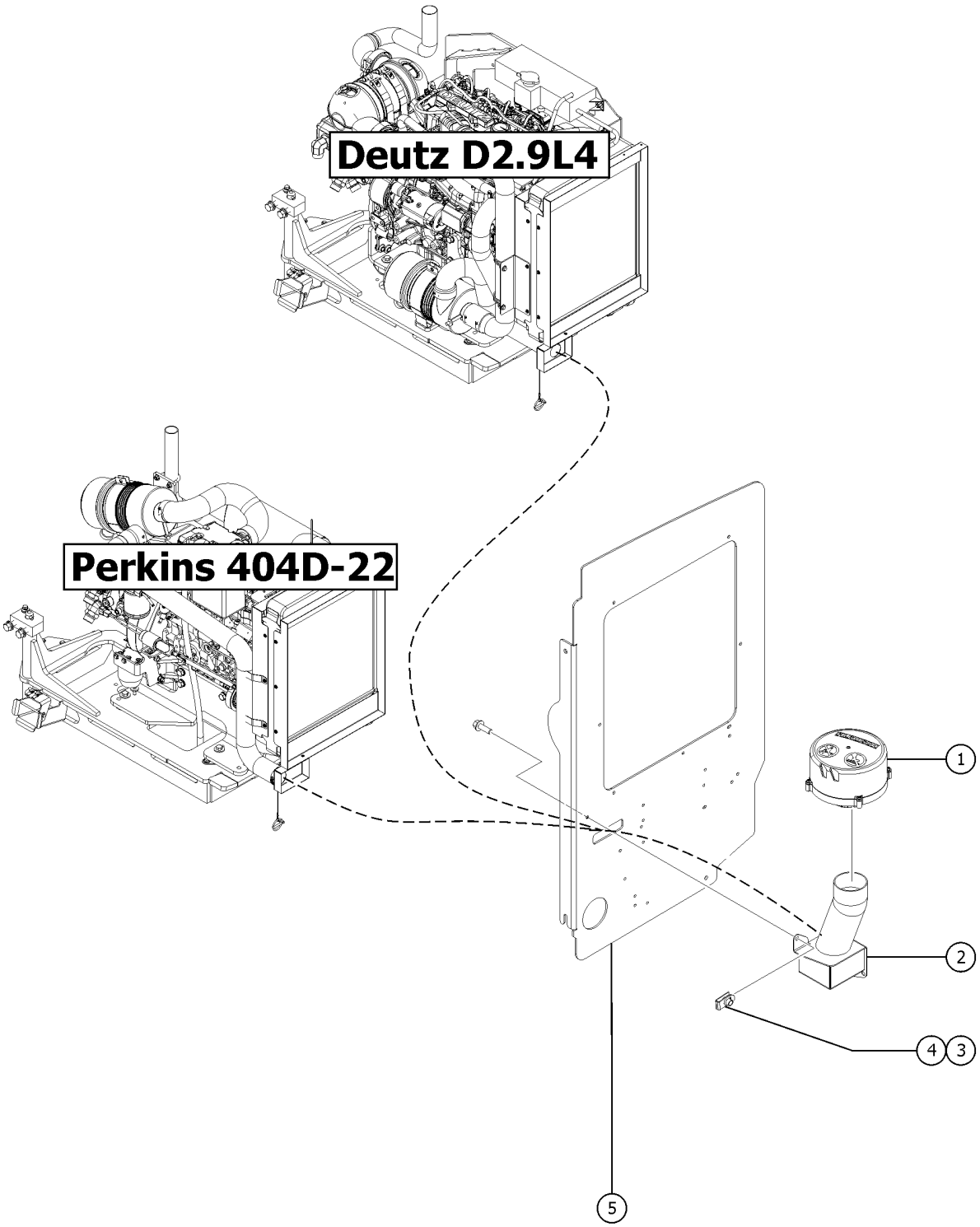
905.1 Hostile Environment Package - Engine Air Pre Cleaner (Deutz D2011L03i)



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

Item	*Part No.*	*Description*	*Qty.*
1	1305725GT	PRECLEANER,AIR INTAKE***	1
2	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	3
3	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	3
4		REF. BULKHEAD, COOLING AIR refer to 309.1	1
5	1305877GT	WELDMENT,AIR HOSE	1
6	45435GT	CLAMP,HOSE,2.50"***	1
7	70488GT	REDUCER,RUBBER 2.5 - 2	1
8	34163GT	ELBOW,90 DEGR,RUBBER,MODIFIED*	1
9	70529GT	CAP,PLASTIC,2.5 ID	1
10	219841GT	WELDMENT, PRECLEANER MOUNT	1

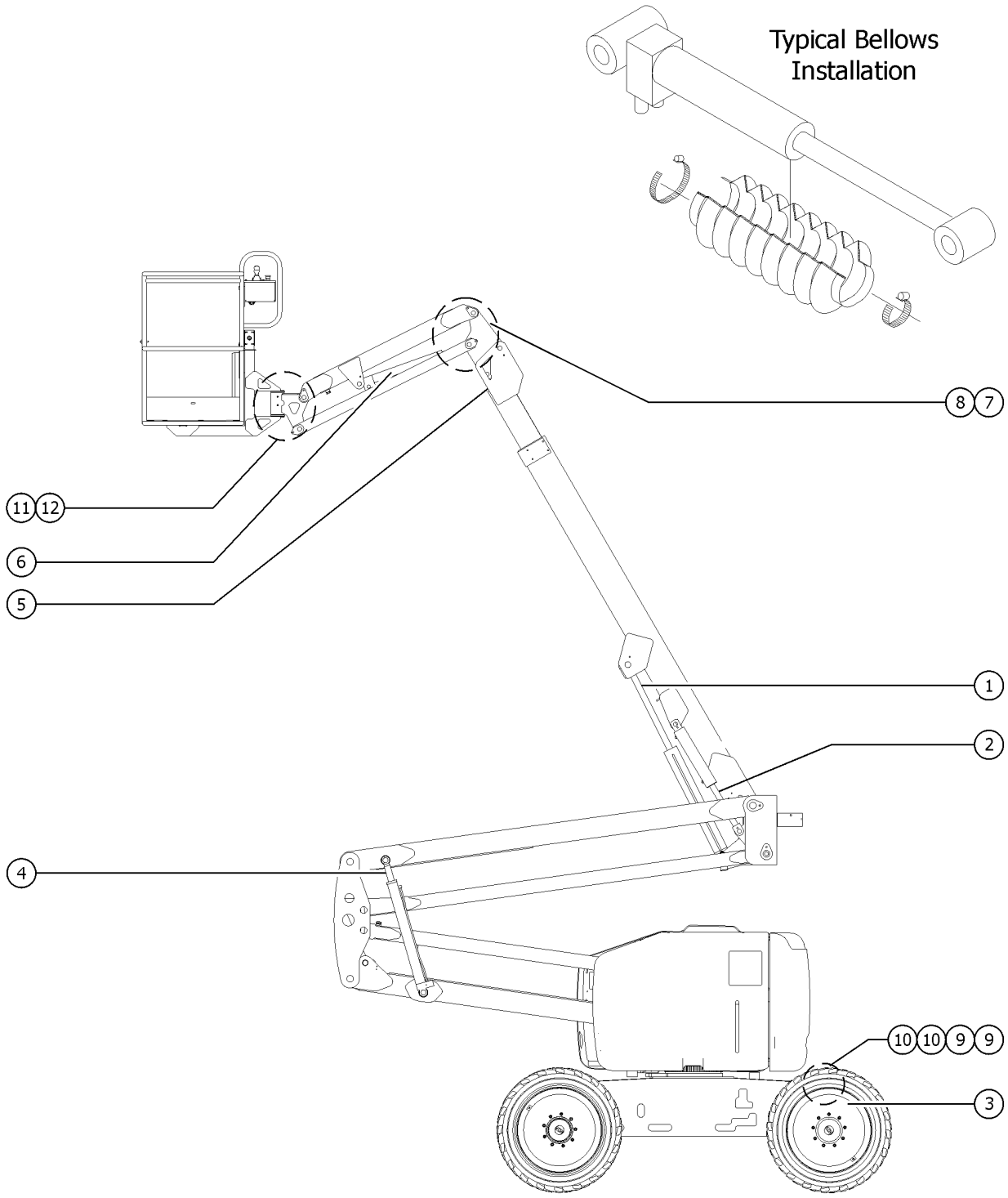
906.1 Hostile Environment Package - Engine Air Pre Cleaner (Perkins and Deutz D2.9L4)



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

Item	*Part No.*	*Description*	*Qty.*
A	1306636GT	ASSY, DEUTZ PRECLEANER,DEUTZ D2.9	1
1	1305725GT	PRECLEANER,AIR INTAKE***	1
2	1306637GT	WELDMENT,PRECLEANER MOUNT	1
3	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
4	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
5		REF: BULKHEAD refer to 309.1	1

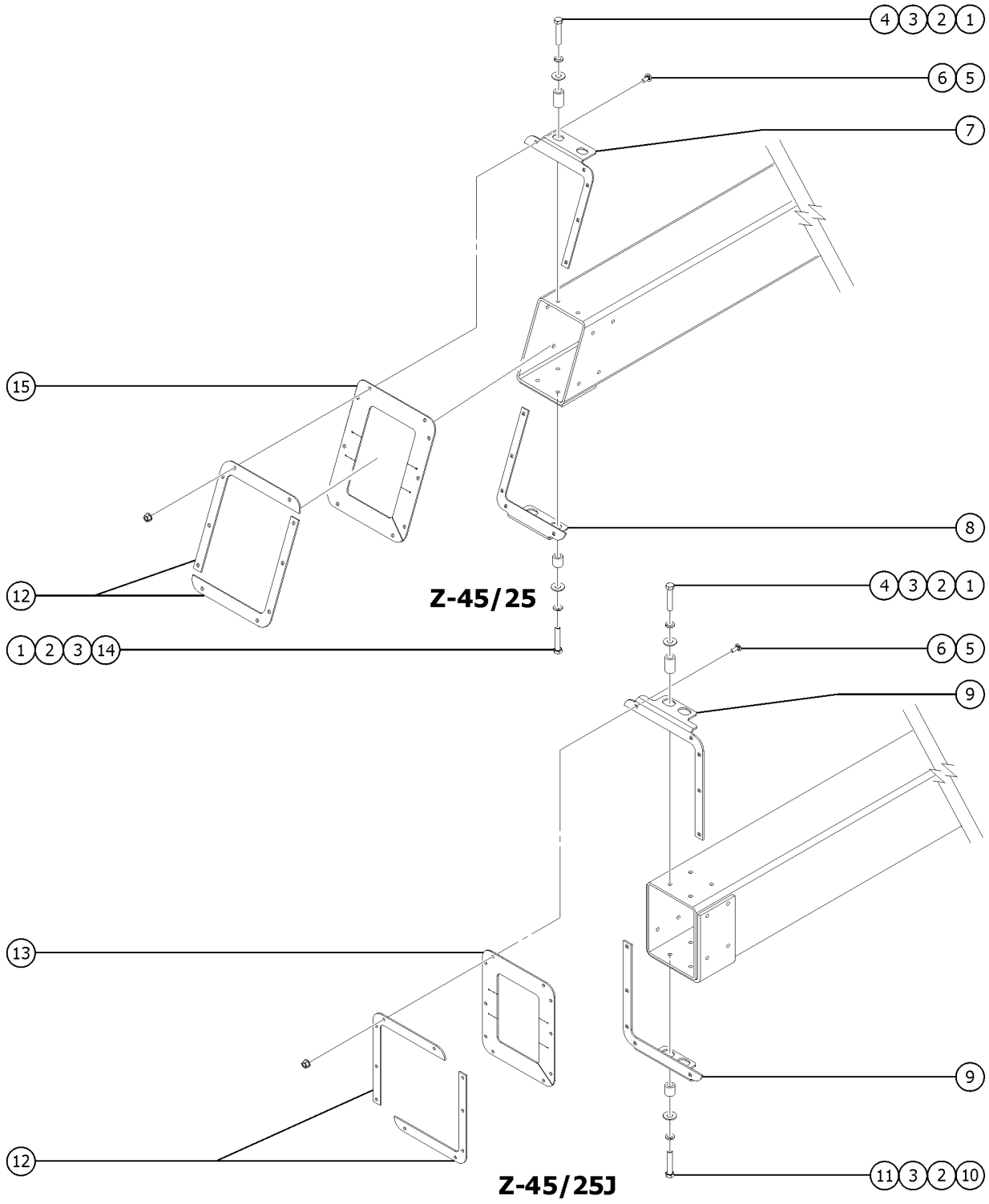
907.1 Hostile Environment Package - All Models View 1



907.1 Hostile Environment Package - All Models View 1

Item	Part No.	Description	Qty.
1	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	1298967GT	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***	
7	48767GT	SLEEVE,NYLON,1.42 ID	38
8	48773GT	SLEEVE,NYLON,.86 ID	36
9	61283GT	SLEAVING,PARKER TEK,2.00"	31.5
10	48767GT	SLEEVE,NYLON,1.42 ID	14
11	48773GT	SLEEVE,NYLON,.86 ID	20
12	48767GT	SLEEVE,NYLON,1.42 ID	52

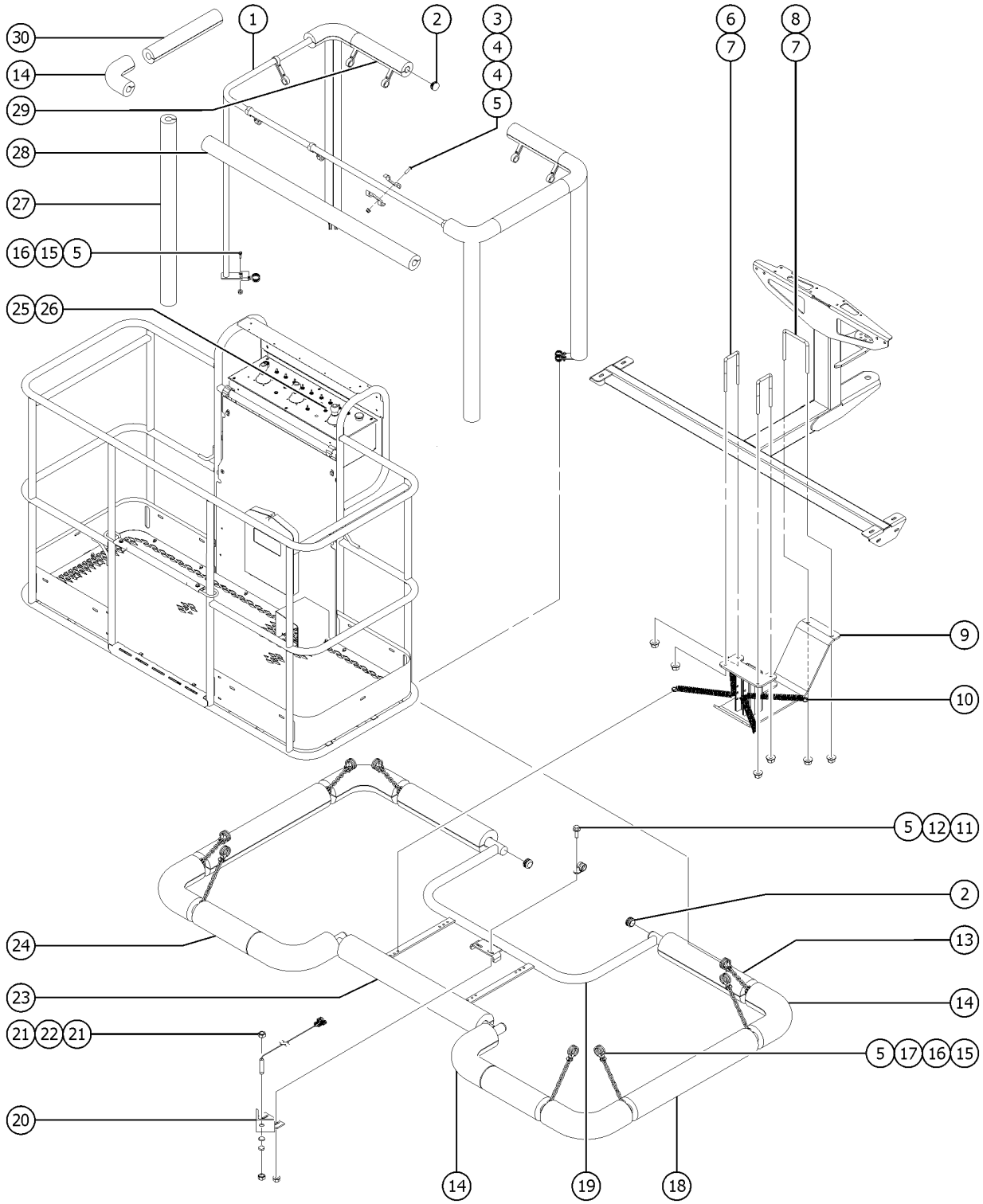
908.1 Hostile Environment Package - All Models View 2



908.1 Hostile Environment Package - All Models View 2

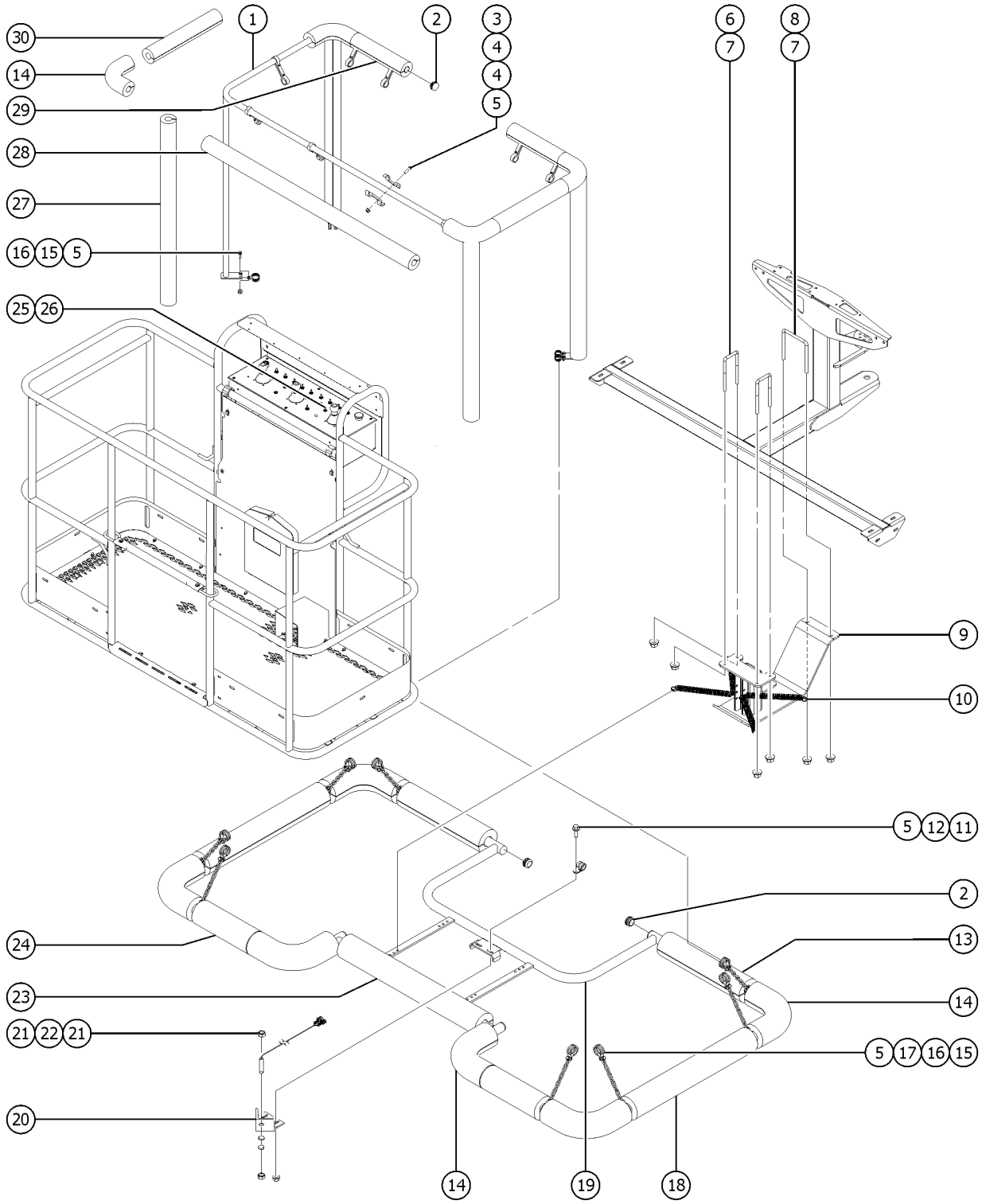
Item	Part No.	Description	Qty.
A		KIT, WIPER, Z-45/25 includes items 1 - 8, 14 and 15 (no longer available)	
B	147184GT	KIT, WIPER, Z-45/25J includes items 1 - 6,and 9-13	
1	1256108GT	SCREW,HHC,3/8-16X2,8,ZAG	
2	824110GT	WASHER, LOCK, 3/8, ZAG	4
3	1255758GT	WASHER,FLAT,3/8,USS,ZAG	4
4	128852GT	TUBE,RD,STL,DOM,.75X.438X1.25	2
5	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	10
6	1277924GT	NUT,NYLOCK FLG,1/4-20,F,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	1301754GT	SPACER TUBE,.50 LG	2
12	128973GT	PLATE,WIPER BACKING	2
13	147181GT	WIPER,PRIMARY BOOM Jib Models, (to SN Z4525D-3997)	1
13B	1300035GT	WIPER,PRIMARY BOOM,Z45 Jib Models, (from SN Z4525D-3998)	1
14	101932GT	TUBE, RD., STL., DOM .75 X .437 X .78	2
15	147044GT	WIPER,PRIMARY BOOM 190Non Jib Models	1

909.1 Aircraft Protection Package



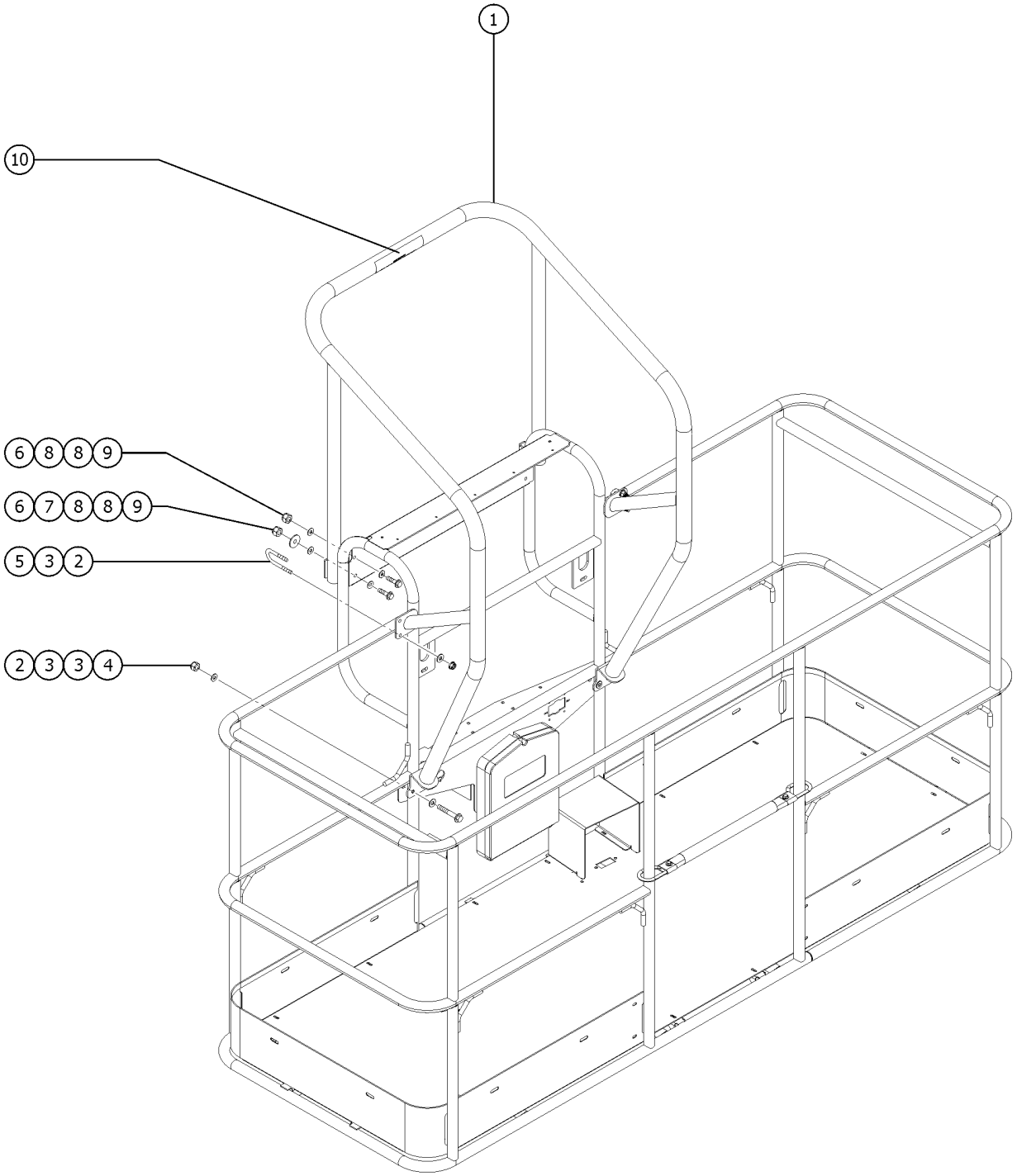
Item	Part No.	Description	Qty.
A	1262314GT	HARNESS, PBOX, PROX KILL includes items 21 and 22	1
1	46188GT	WELDMENT, AIRCRAFT TOP BUMPER	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	6
3	824227GT	SCREW, BHC, 1/4-20 X 1, ZAG	20
4	122073GT	SUPPORT, RAILING	20
5	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	46
6	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD	2
7	1274322GT	NUT,NYLOCK FLG,3/8-16,F,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	

909.1 Aircraft Protection Package



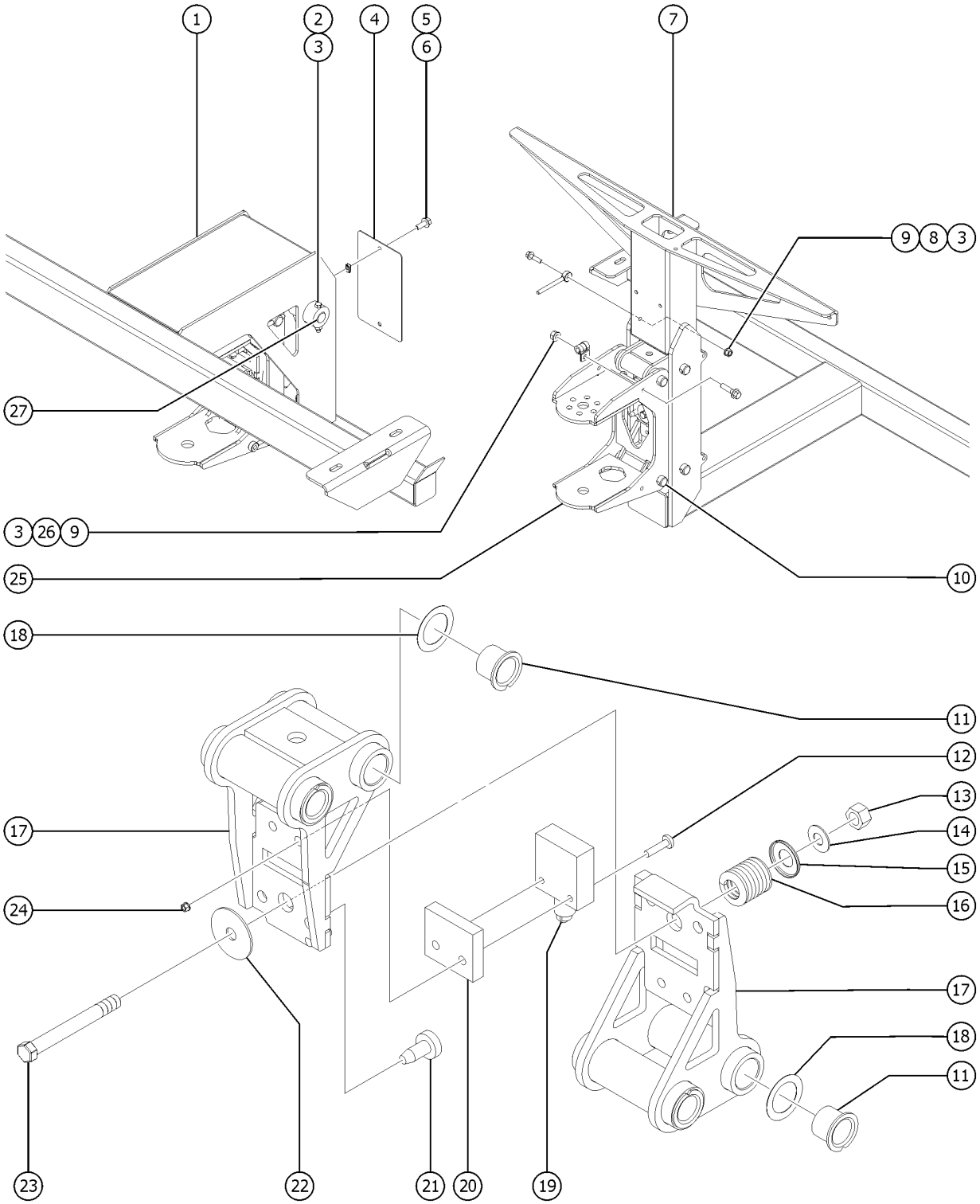
Item	*Part No.*	*Description*	*Qty.*
25-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
26	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
27	1259329GT	PADDING, FOAM, 46.5"	4
28	75617-3138GT	PADDING, FOAM 3.0" OD X 1.50" ID	2
29	1259328GT	PADDING, FOAM, 15.5"	2
30	75617-2075GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

910.1 Operator Protective Structure



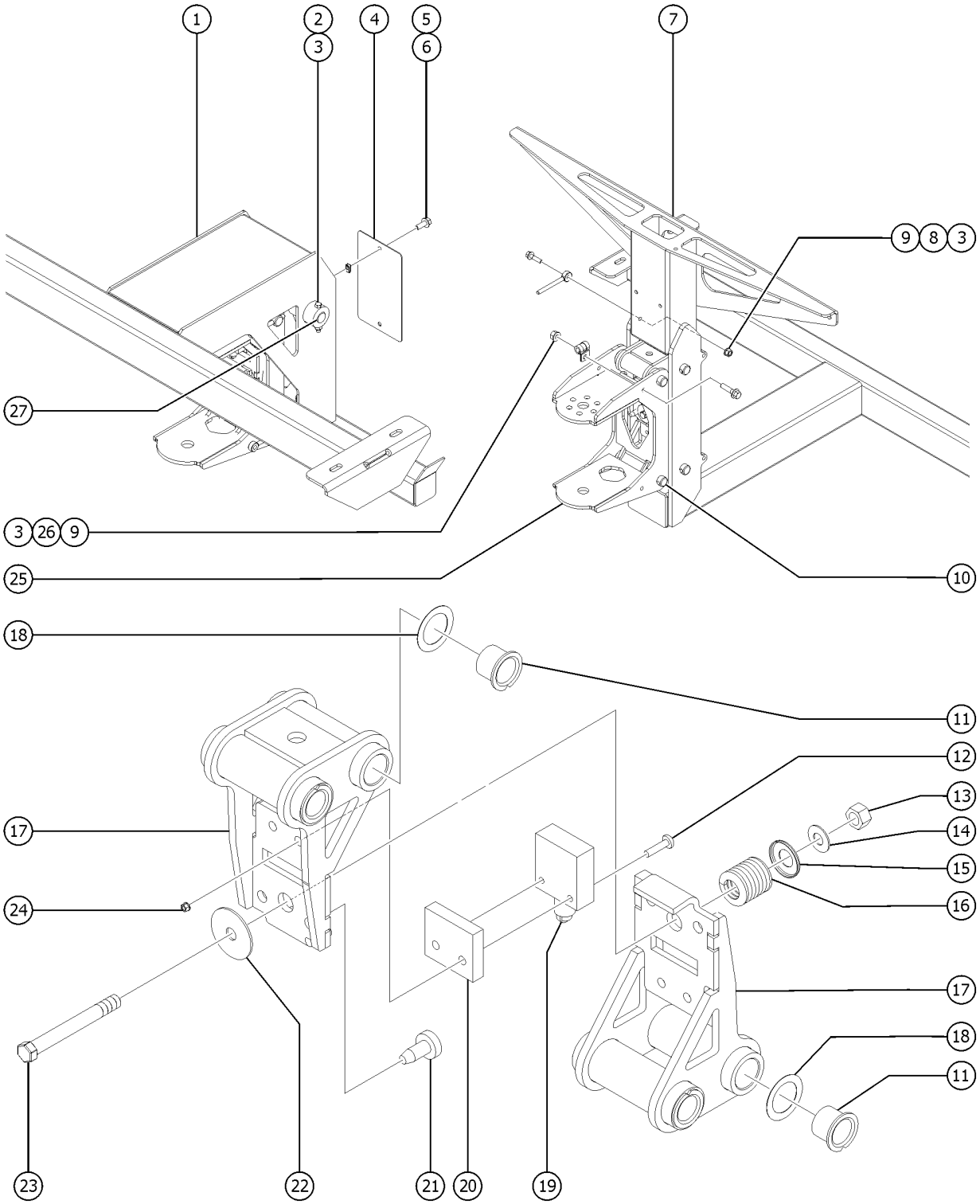
Item	Part No.	Description	Qty.
		Fits all 6' and 8' Booms	
1	219158GT	ACCESSORY,OPERATOR PROT STRUCT (Complete) includes all fasteners	1
2	1256468GT	NUT,3/8-16,8,ZAG	8
3	1255758GT	WASHER,FLAT,3/8,USS,ZAG	12
4	824069GT	SCREW, HHC, 3/8-16 X 2.5, 8, ZAG	4
5	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	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

911.1 Platform Overload Option



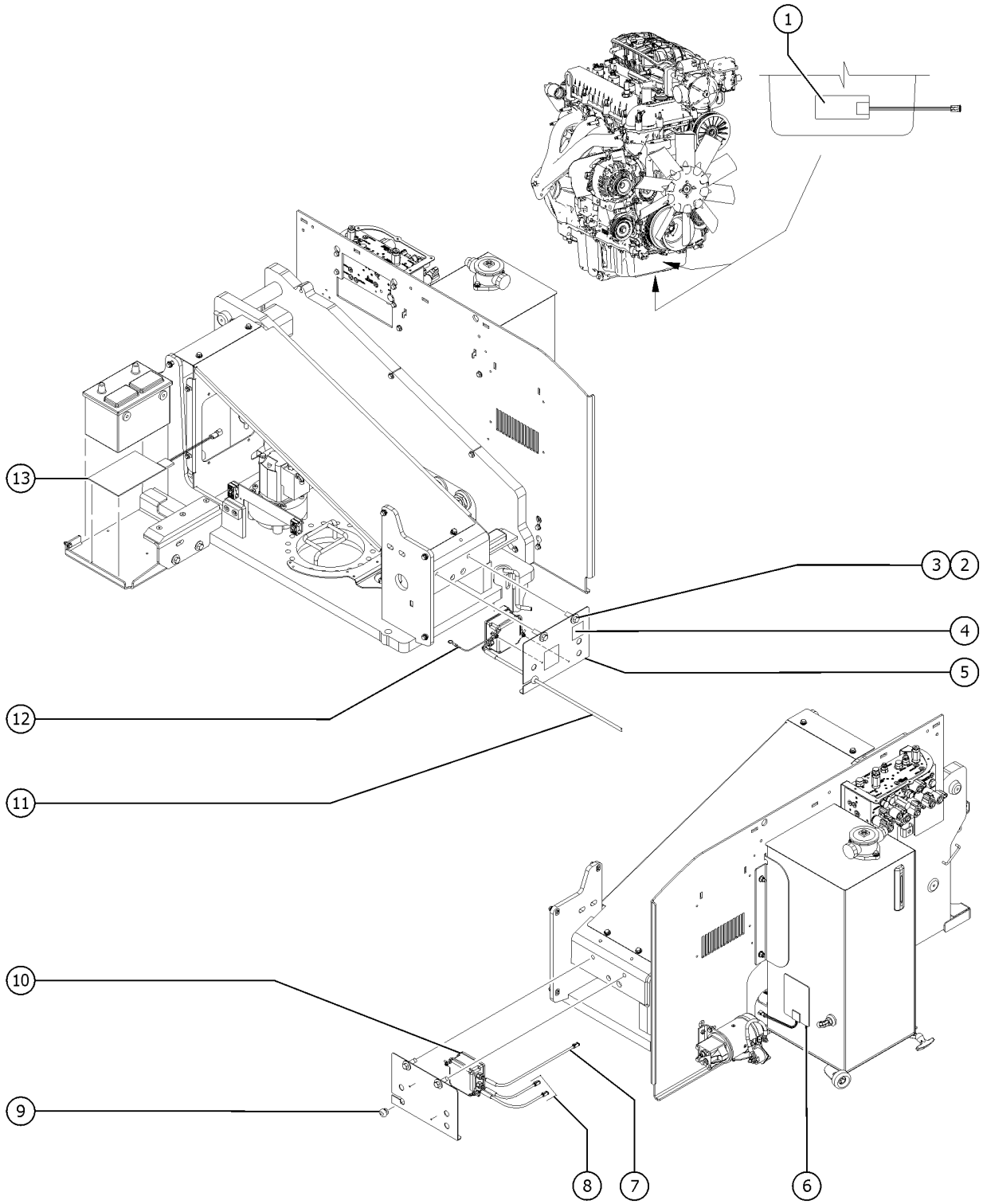
Item	Part No.	Description	Qty.
A	128045GT	MODULE,LOAD SENSE 2007	
1	98154GT	WELDMENT,PLAT SUPPORT,LS Z4525; non-jib models with platform overload option	1
2	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	2
3	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	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	1274166GT	NUT,NYLOCK,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

911.1 Platform Overload Option



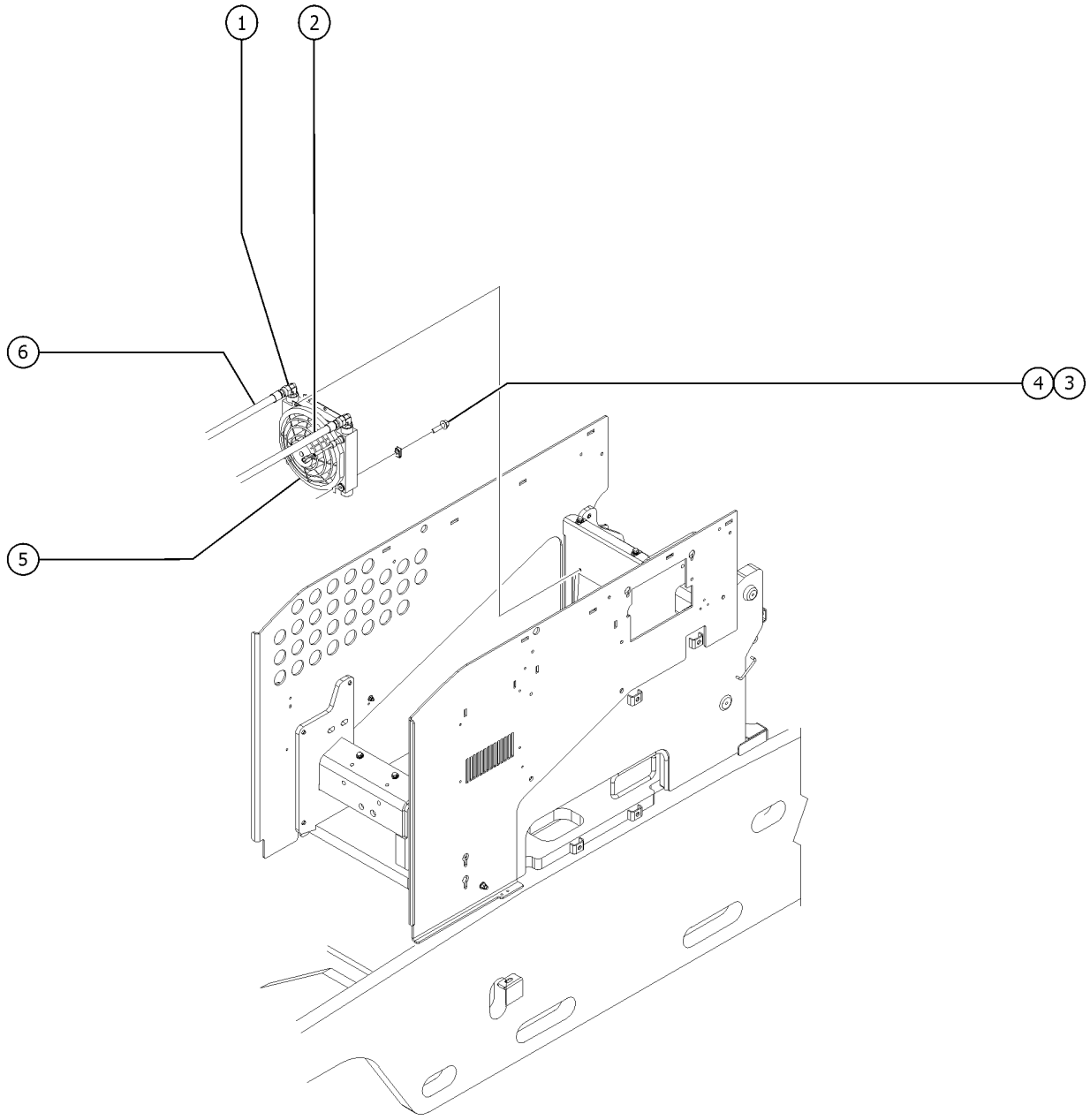
Item	Part No.	Description	Qty.
26	45470GT	CLAMP,0.31,#5 X 1/4,RUB CUSH	1
27	99174GT	PIN,0.75DIAX8.75LG,CHAMFER	2
27-	94643GT	ZERK,GREASE,5/16-24,STRAIT	

912.1 Cold Weather Package



Item	Part No.	Description	Qty.
1	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
6	216612GT	ASSY,120V HEATER, HYD TANK 120V	1
6B	216611GT	ASSY,240V HEATER, HYD TANK 240V	1
7	161029GT	HARNESS,BATTERY HEATER 120V 120V	1
7B	161031GT	HARNESS,BATTERY HEATER 240V 240V	1
8	161028GT	HARNESS,ENG/HYD HEATER 120V 120V	1
8B	161030GT	HARNESS,ENG/HYD HEATER 240V 240V	1
9	128118GT	BUSHING,STRAIN RELIEF,.875/.40 120V	1
9B	139318GT	BUSHING,STRAIN RELIEF,.875/.30 240V	1
10	214249GT	COLD WEATHER 120V J BOX ASSY 120V (also order PN 219241 to complete installation)	1
10B	1273590GT	COLD WEATHER 240V J BOX ASSY 240V	
11	216645GT	HARNESS, 120V POWER CORD, 12" 120V	1
11B	216646GT	HARNESS, 240V POWER CORD, 12" 240V	1
12	161456GT	ASSY,COLD WEATHER GROUND	1
13	216617GT	ASSY, BATTERY HEATER, 120V 120V	1
13B	216618GT	ASSY BATTERY HEATER,240V 240V	1

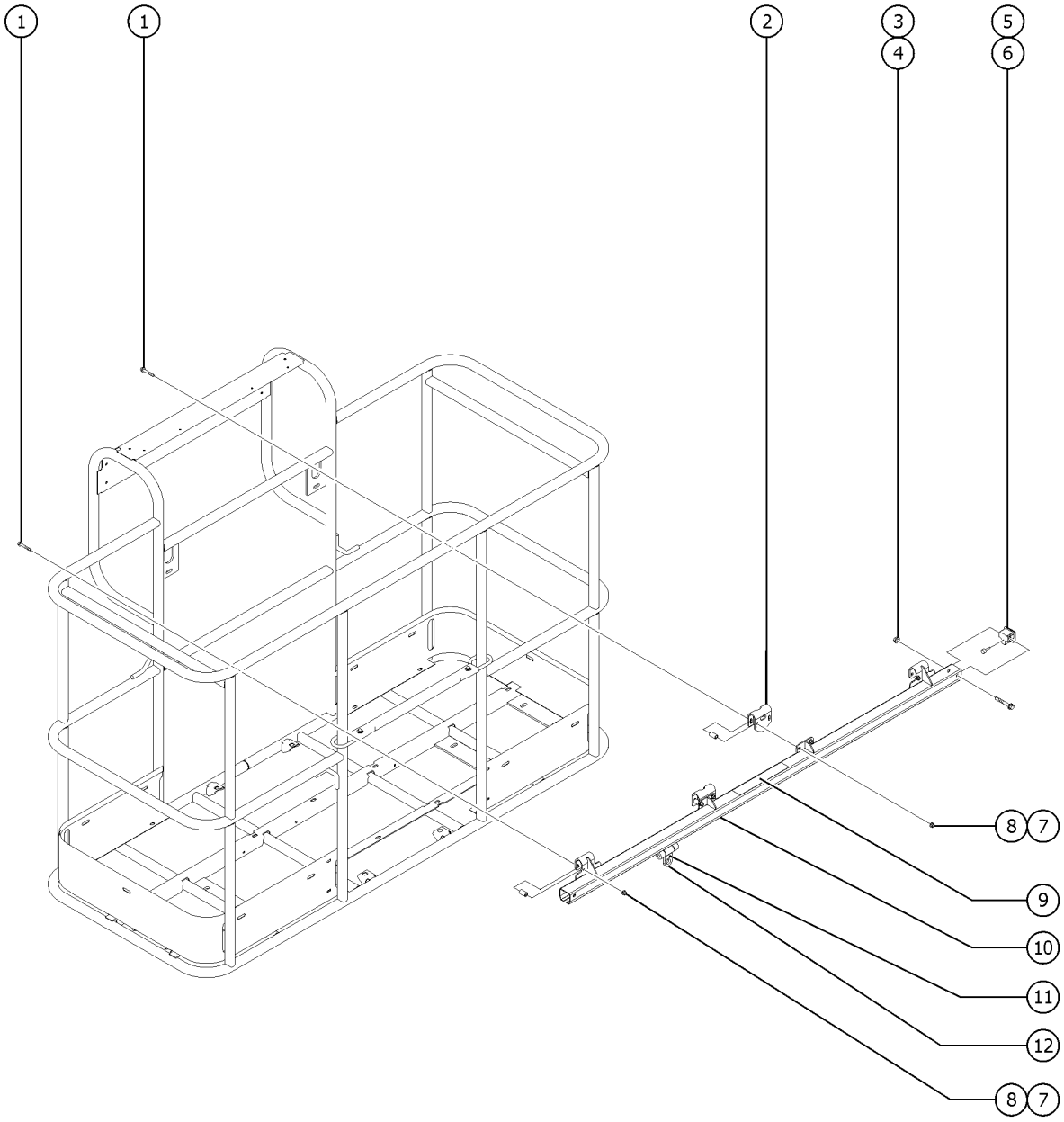
913.1 Oil Cooler



913.1 Oil Cooler

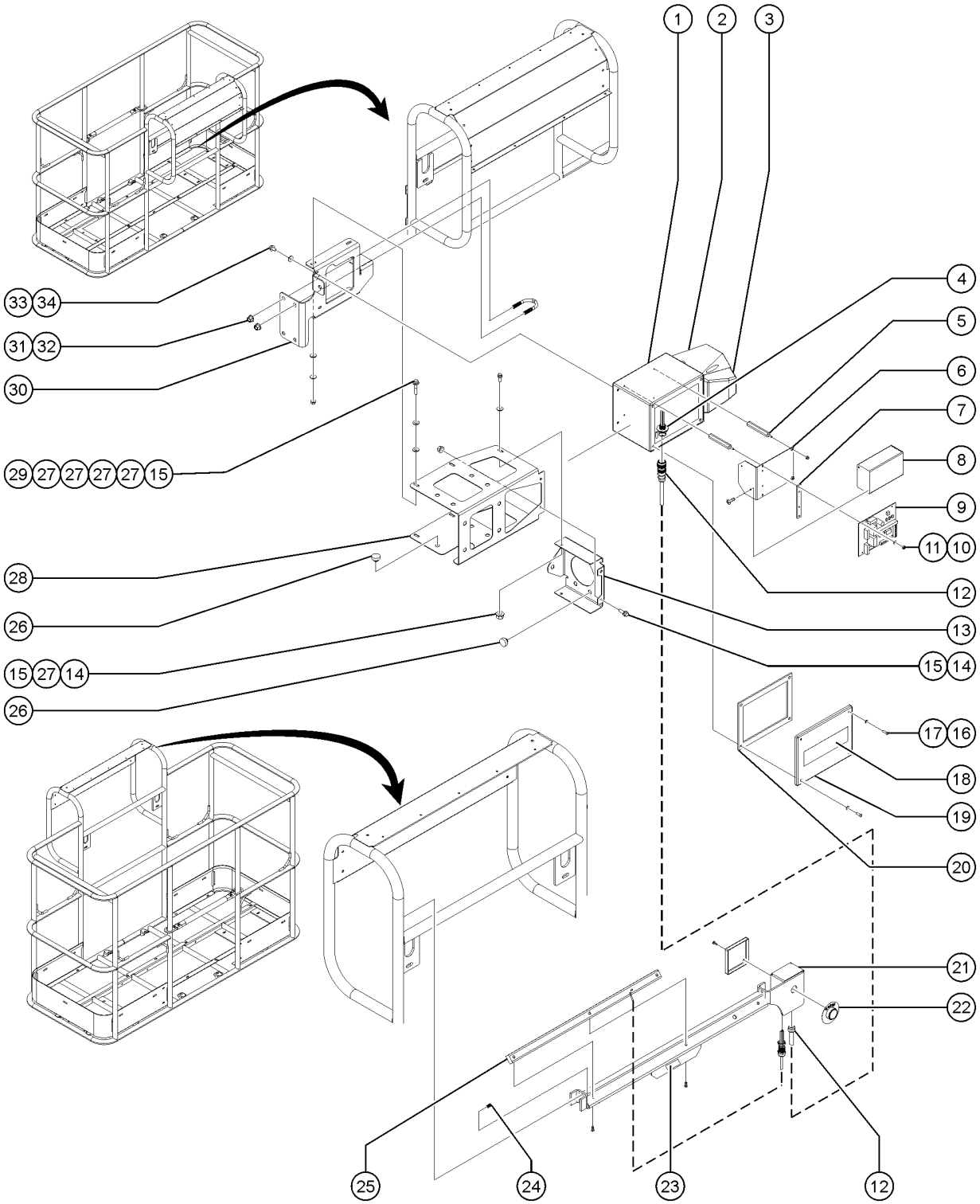
Item	*Part No.*	*Description*	*Qty.*
A	220234GT	HARNESS,RELAY,OIL COOLER	1
1	48959GT	FITTING,ELBOW,90D,520220-12	2
2	49151-6348GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
3	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	4
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
5	71259GT	OIL COOLER W/FAN, 12VDC	1
5-	75854GT	FAN -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

914.1 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
9	1256400GT	DECAL,TFAAS TRACK,WORD	1
9B	1260910GT	DECAL,TFAAS TRACK,SYMBOL	1
9C	1256400FRGT	DECAL,TFAAS TRACK,WORD FR	1
10	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

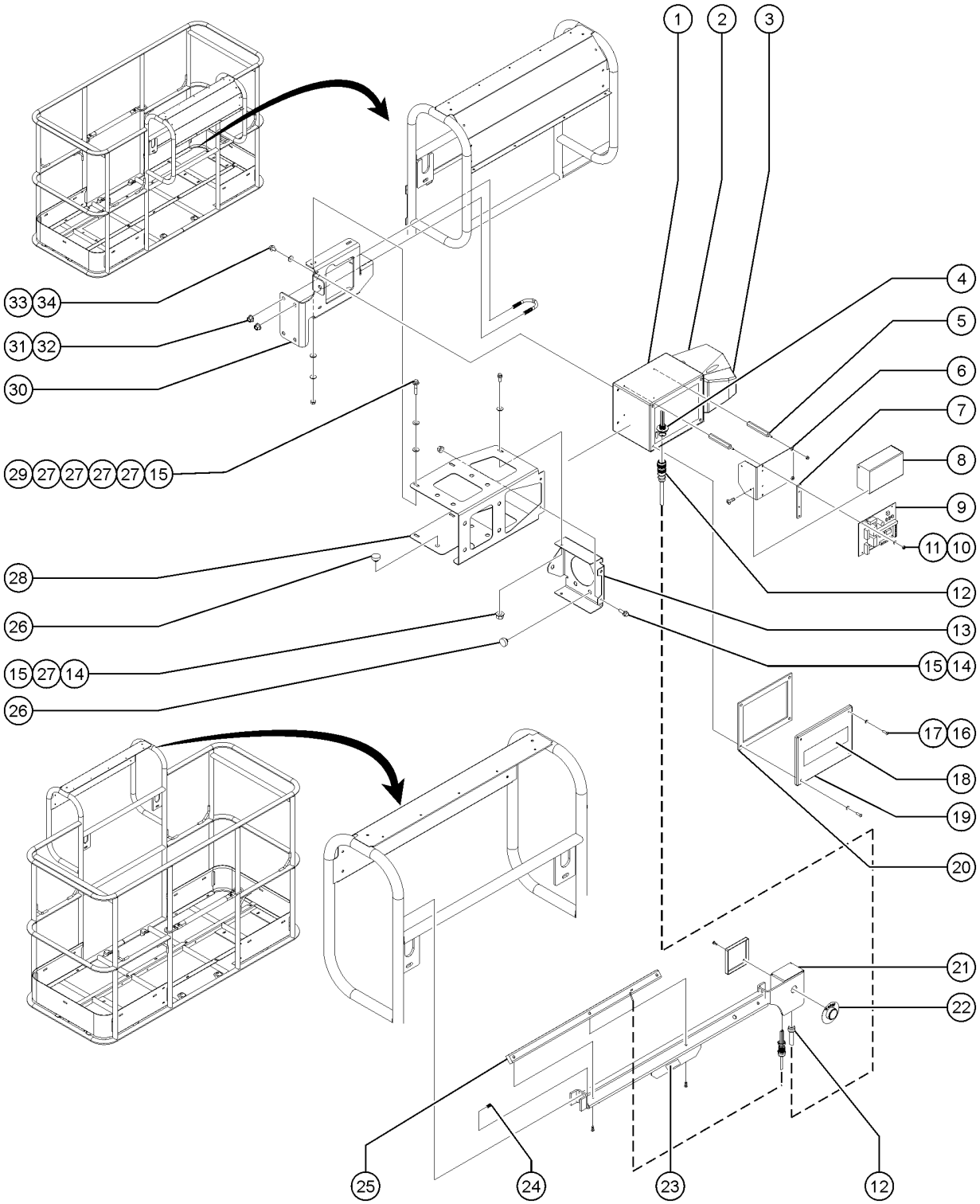
915.1 Operator Protection Alarm (to January 2017)



915.1 Operator Protection Alarm (to January 2017)

Item	Part No.	Description	Qty.
A-	1271945GT	KIT, OPA WELDER BRACKET	1
B	1275537GT	ASSEMBLY, OPA PROTECTION CAGE	1
1	1255018GT	BASE ENCLOSURE,RED,OPA	1
2		SOUNDER,MIDI,OPA No longer available	1
3		SOUNDER LENS, OPA, BLUE (standard lens fitted to OPA)No longer available (contact customer service)	1
3B		SOUNDER LENS, OPA, RED No longer available (contact customer service)	1
4		HARN,PIGTAIL,TAPESWITCH,OPA No longer available (contact customer service)	1
5		STAND OFF,CONTROL UNIT No longer available (contact customer service)	4
6		BRACKET,CONTROL UNIT No longer available (contact customer service)	1
7		SPACER,HEAT SINK No longer available (contact customer service)	1
8		ASSY,MODULE,CONTROL UNIT,OPA No longer available (contact customer service)	1
9		MODULE,CONTROL UNIT,PCB,OPA No longer available (contact customer service)	1
10		NUT,M4 NYLOCK No longer available	4
11		WASHER,M4 NYLON No longer available	4
12		ASSEMBLY,CABLE,TAPESWITCH No longer available (contact customer service)	1
13	1275539GT	FORMING, OPA CAP	1
14	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	5
15	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	9
16		SCREW,M5X16 BHD No longer available	4
17	1255027GT	WASHER,M5 NYLON	4
18	1255890GT	DECAL,COSMETIC,GENIE	1
19		LID ENCLOSURE,RED,OPA No longer available	1
20		GASKET,ENCLOSURE No longer available	1
21		ASSEMBLY,TAPESWITCH (6'/8' platforms) (includes j-box and fasteners)No longer available (contact customer service)	1
22	1255036GT	ASSEMBLY RESET SWITCH	1
23	1255889GT	DECAL,SYMBOL-READ THE MANUAL	1
24		SCREW,M6X8 No longer available	2
25		SENSOR,RUBBER EDGE (6'/8' platforms)No longer available (contact customer service)	1

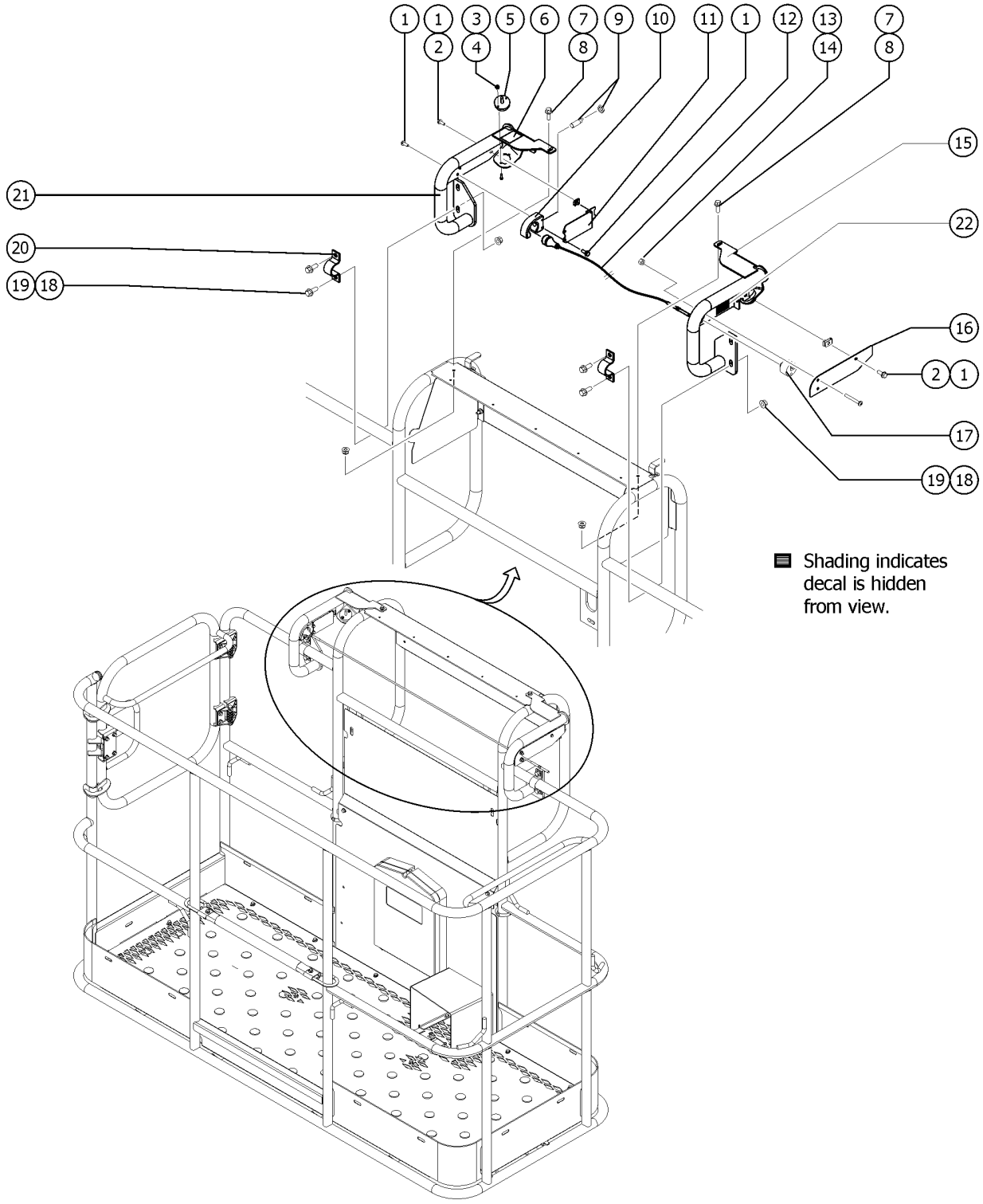
915.1 Operator Protection Alarm (to January 2017)



915.1 Operator Protection Alarm (to January 2017)

Item	*Part No.*	*Description*	*Qty.*
26	43392GT	BUMPER,BATTERY BOX & RAILS	17
27	824113GT	WASHER,FLAT,USS,1/4,ZAG	19
28	1275538GT	FORMING, OPA CAGE	1
29	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	4
30	1275540GT	FORMING, OPA, BRACKET	1
31	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4
32	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
33	237238GT	SCREW,HHF,M6-1.0X12,DIN6921,10	2
34	1257389GT	WASHER, FLAT, M6X18X1.6,DIN9021,ZAB	2

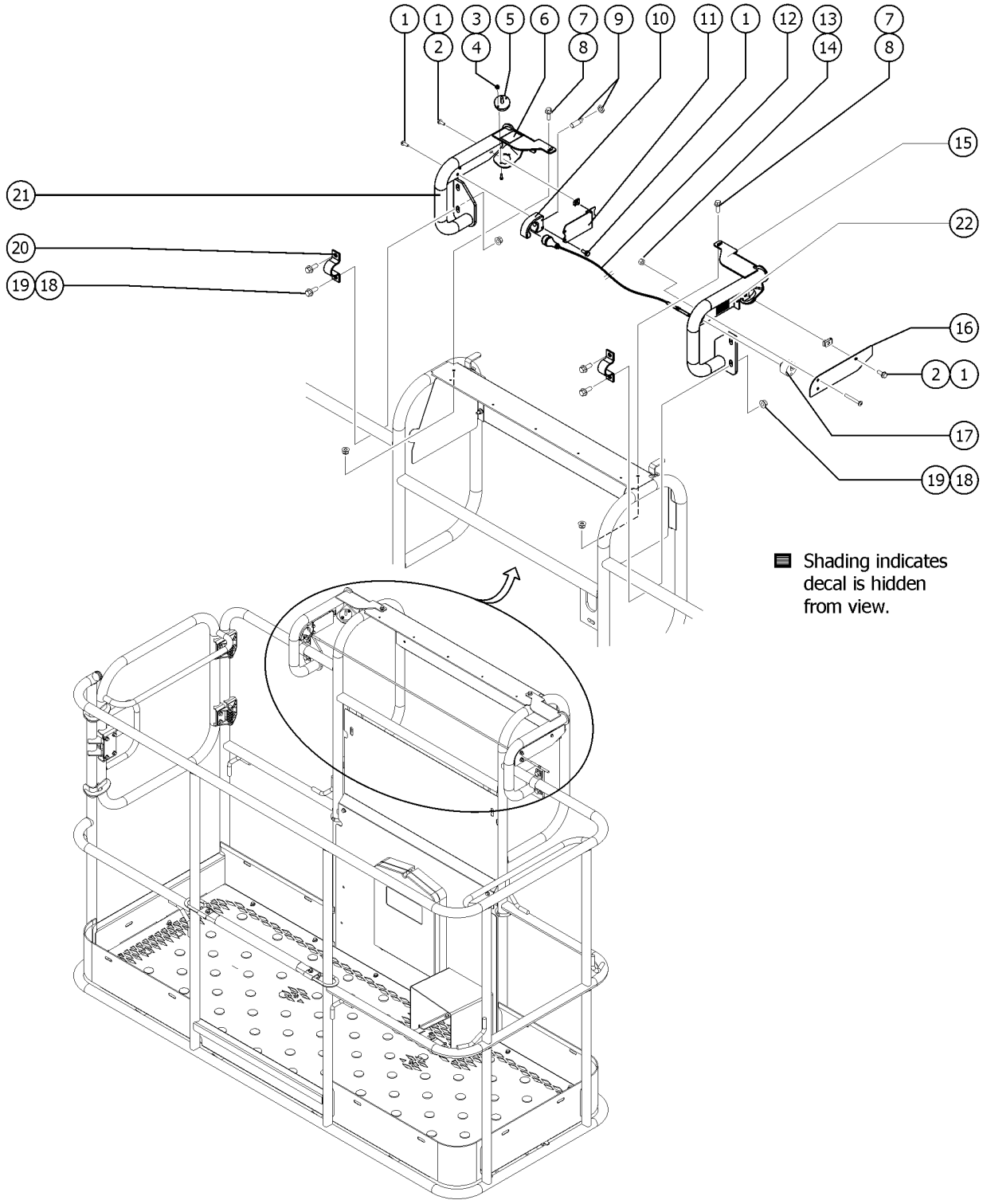
915.2 Lift Guard Contact Alarm (from January 2017 to Z4525D-6059)



915.2 Lift Guard Contact Alarm (from January 2017 to Z4525D-6059)

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-	78098GT	RELAY, 24VDC, 40/30A, SLD W/BRKT*	
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

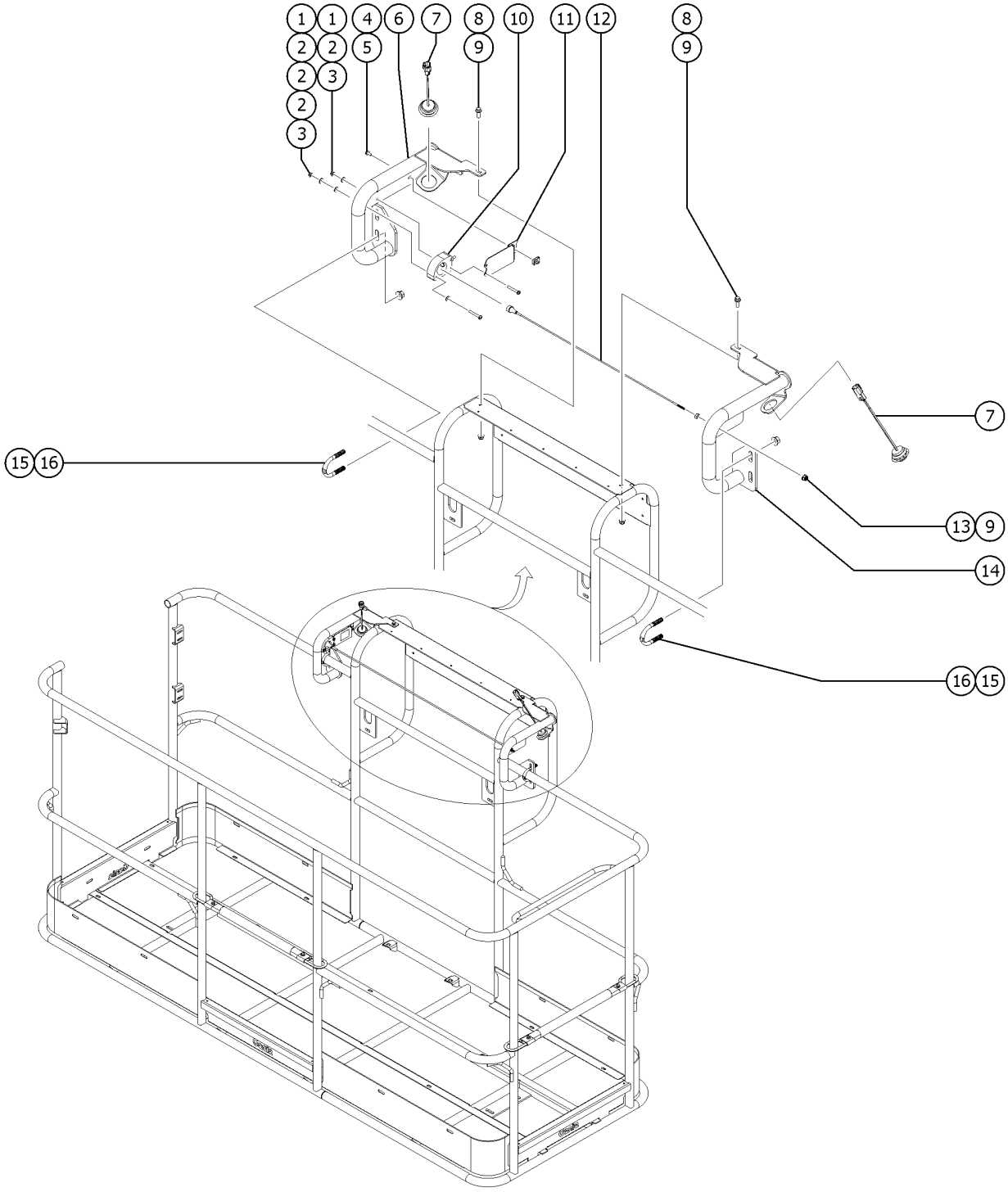
915.2 Lift Guard Contact Alarm (from January 2017 to Z4525D-6059)



915.2 Lift Guard Contact Alarm (from January 2017 to Z4525D-6059)

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

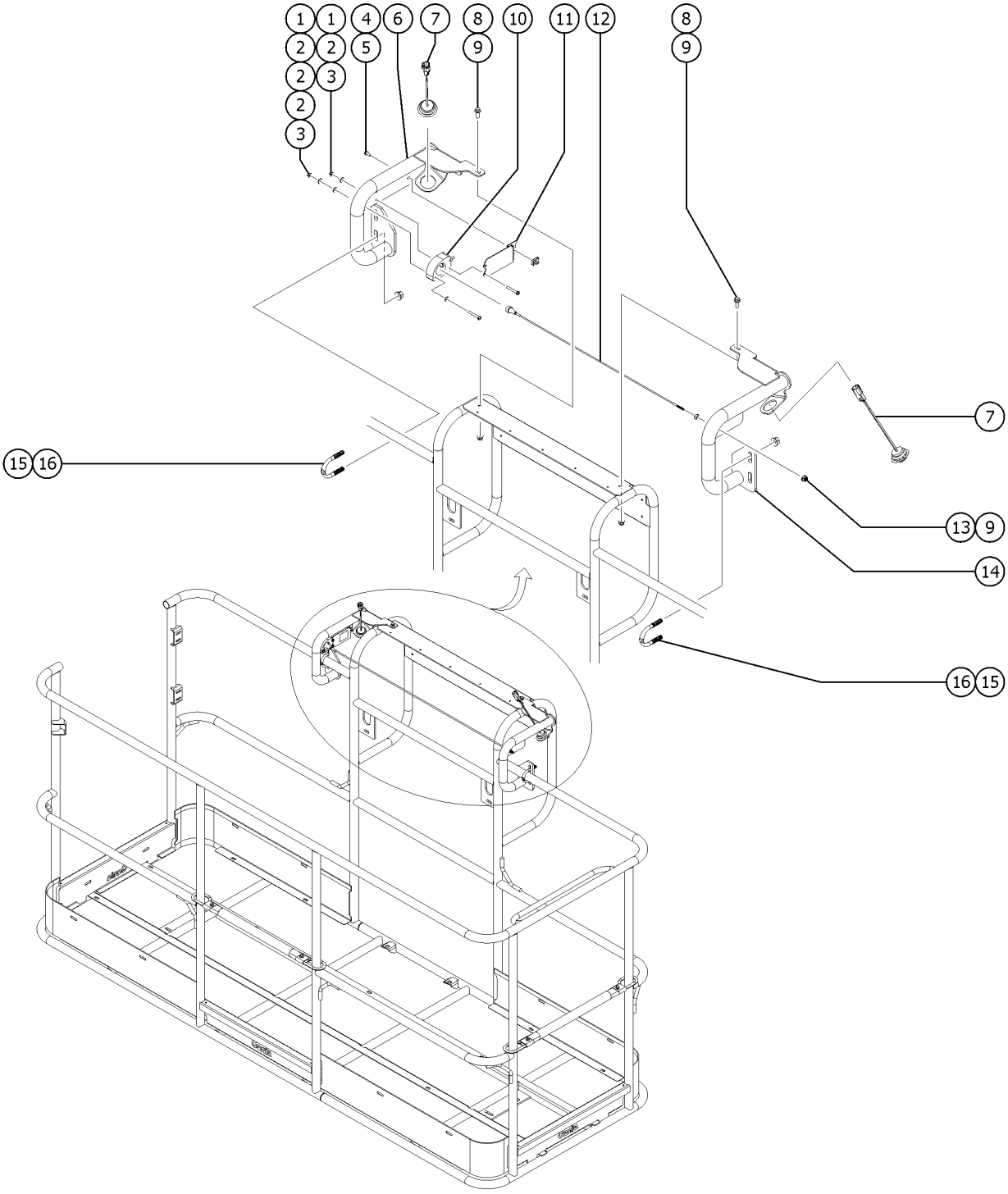
915.3 Gen II Contact Alarm Option (from Z4525D-6060 to Z4525D-10059)



915.3 Gen II Contact Alarm Option (from Z4525D-6060 to Z4525D-10059)

Item	Part No.	Description	Qty.
-	1308387GT	MODULE, CURTIS 1352-4001	
-	1310394GT	HARNESS, CONTACT ALARM GEN II, Z45IC	
1	1307739GT	Nut,#10-24 Nickel Plated Acorn	3
2	1253185GT	WASHER,FLAT,#10,USS,ZAG	5
3	1280278GT	SCREW,PHPM,10-24X1.375,ZAG	3
4	1264934GT	SCREW,HHF,10-24X.5	1
5	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	1
6	1310064GT	WELDMENT, LEFT CONTACT ALARM, LARGE	1
7	1308384GT	ASSY, LIGHTS, 12/24 V CONTACT ALARM, AMBER	2
8	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
9	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	3
10	1307644GT	ASSY, SENSOR W/ HOUSING	1
11	1277873GT	FORMING, SENSOR HOLDER	1
12	1306900GT	CONTACT ALARM WIRE ASSY, LARGE	1
13	1261184GT	NUT,1/4-20,8,ZAG	1
14	1310066GT	WELDMENT, RIGHT CONTACT ALARM, LARGE	1
15	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
16	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4

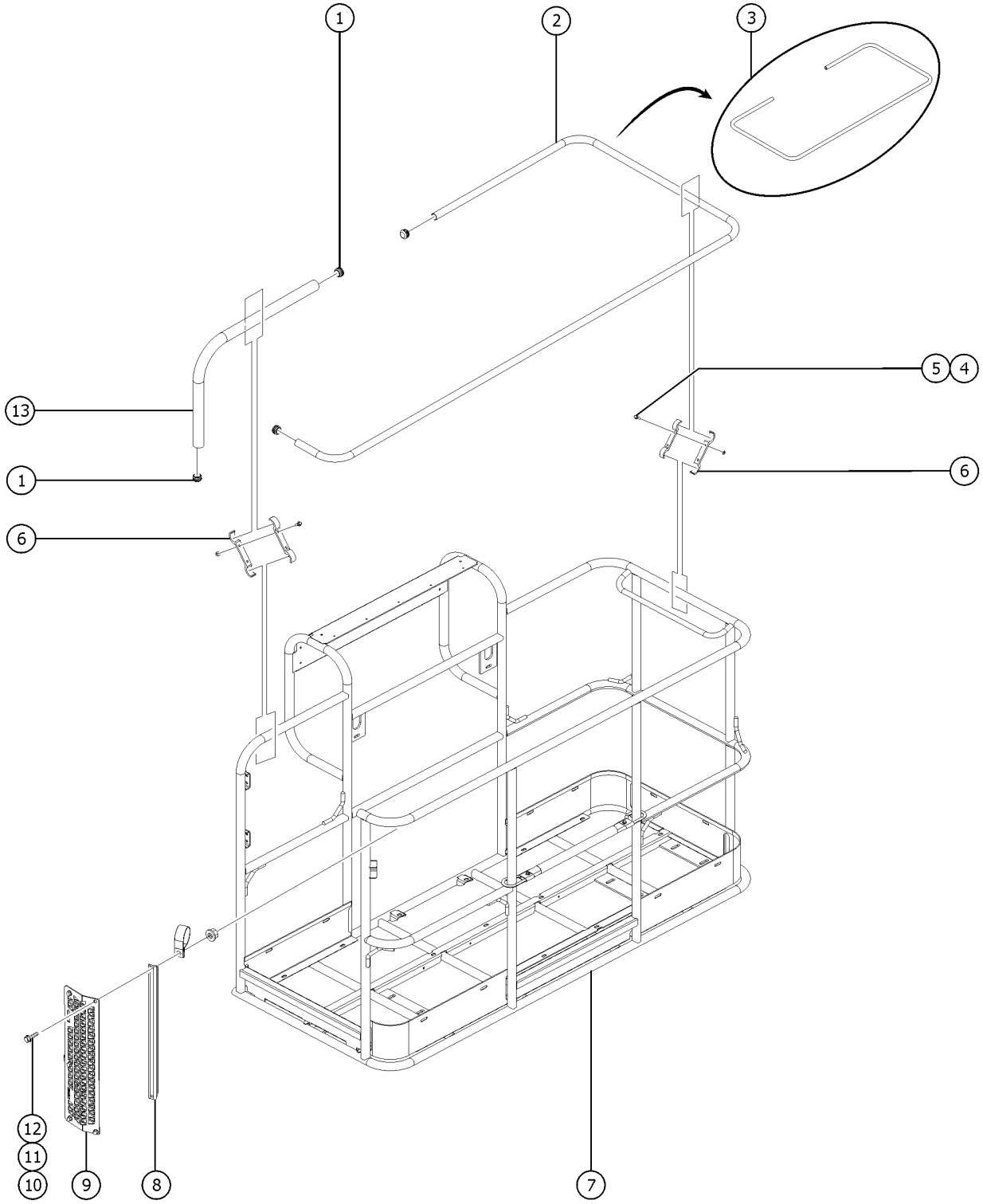
915.4 Gen III Contact Alarm Option (from Z4525D-10060)



915.4 Gen III Contact Alarm Option (from Z4525D-10060)

Item	Part No.	Description	Qty.
-	1327741GT	HARNESS, CONTACT ALARM GEN III, Z45IC	
1	1307739GT	Nut,#10-24 Nickel Plated Acorn	3
2	1253185GT	WASHER,FLAT,#10,USS,ZAG	5
3	1280278GT	SCREW,PHPM,10-24X1.375,ZAG	3
4	1264934GT	SCREW,HHF,10-24X.5	1
5	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	1
6	1310064GT	WELDMENT, LEFT CONTACT ALARM, LARGE	1
7	1308384GT	ASSY, LIGHTS, 12/24 V CONTACT ALARM, AMBER	2
8	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
9	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	3
10	1307644GT	ASSY, SENSOR W/ HOUSING	1
11	1277873GT	FORMING, SENSOR HOLDER	1
12	1306900GT	CONTACT ALARM WIRE ASSY, LARGE	1
13	1261184GT	NUT,1/4-20,8,ZAG	1
14	1310066GT	WELDMENT, RIGHT CONTACT ALARM, LARGE	1
15	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
16	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4

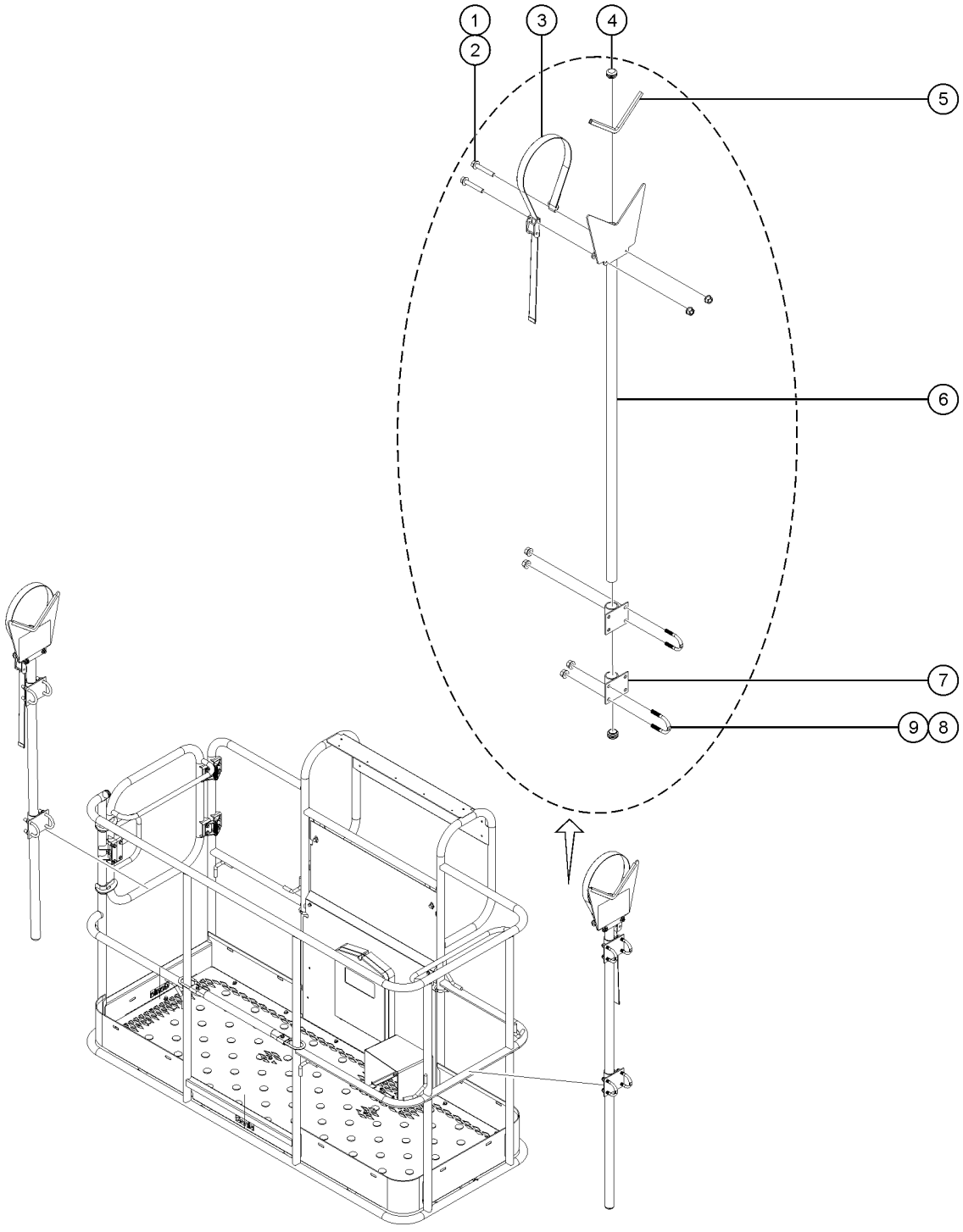
916.1 Auxiliary Rail Option



916.1 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
3	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
4B	824227GT	SCREW, BHC, 1/4-20 X 1, ZAG	
5	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	22
5B	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
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	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	5
13	1270571GT	AUX RAIL, 6' PLAT, SIDE ENTRY	1

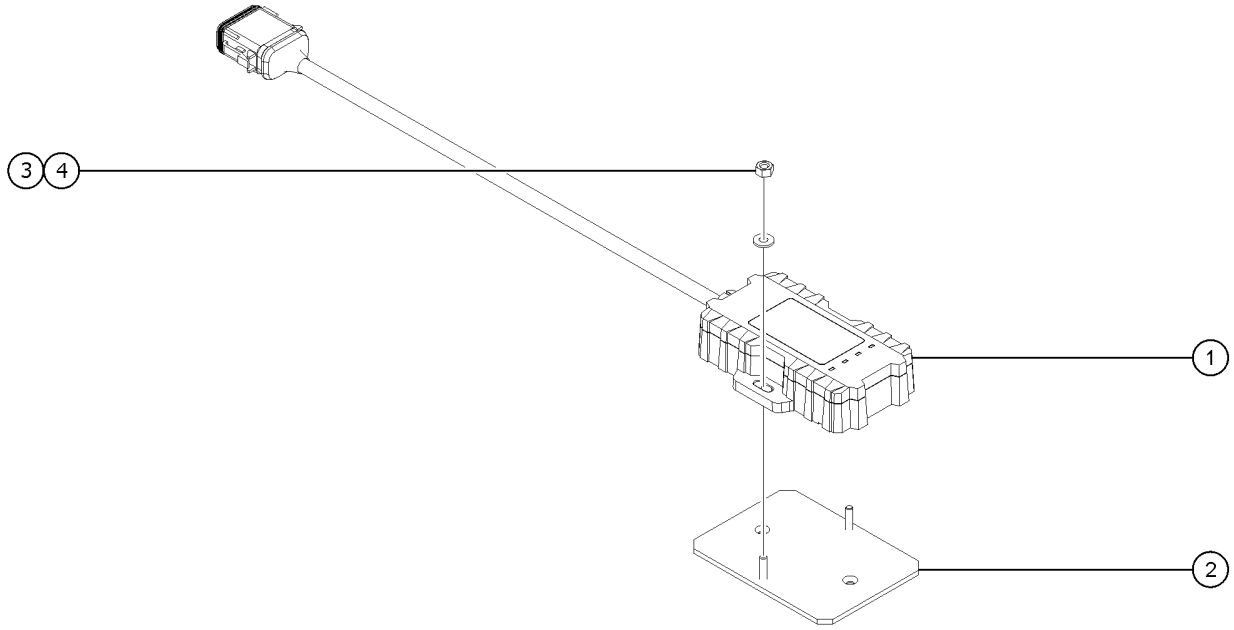
917.1 Pipe Cradle Option



917.1 Pipe Cradle Option

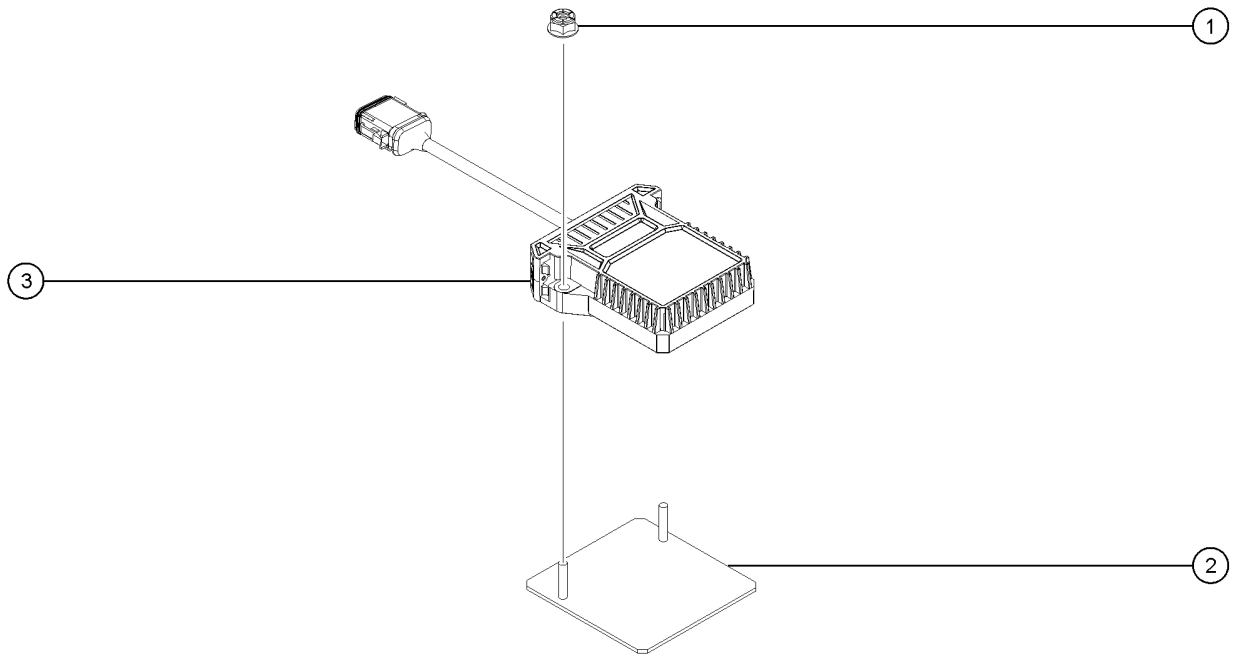
Item	Part No.	Description	Qty.
A	85300GT	PIPE CRADLE ASSY. SERV (ONE)** (ANSI & CE only) (This is a single assembly. Qty 2 of 85300GT required to complete a set)	
A-	65630GT	INSTRUCTIONS-PIPE CRADLE,BOOMS	
1	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
2	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
3	56570GT	STRAP,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

918.1 Telematics Option



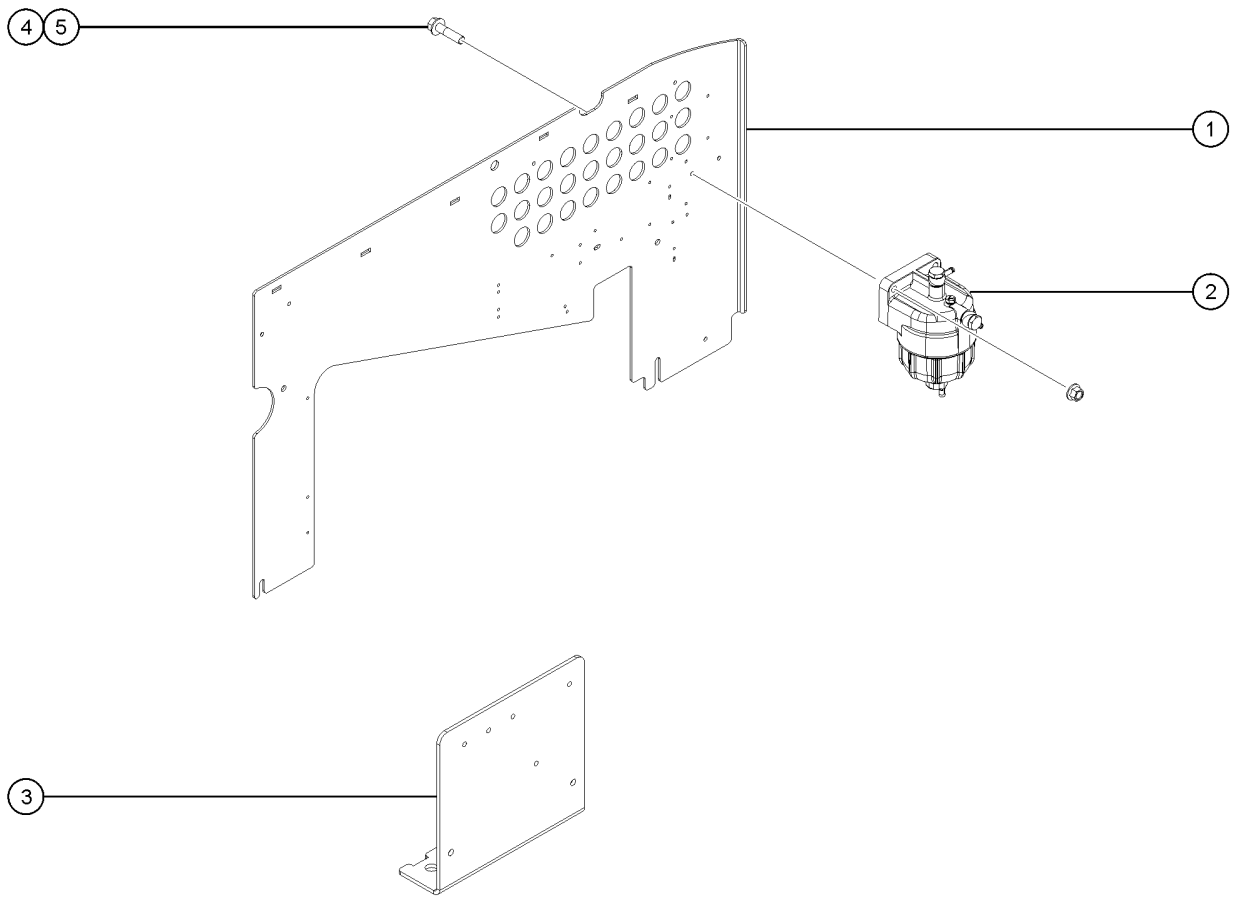
Item	Part No.	Description	Qty.
-	1292198GT	HARNESS, RETROFIT, M7 for first time insulation, must order this Harness with one of the models 1289520GT, 1289521GT, 1289522GT, or 1289523GT	1
1	1289520GT	MODULE, TELEMATICS, ZTR, M7, NORTH AMERICA North America	1
1B	1289521GT	MODULE, TELEMATICS, ZTR, M7, EMEA/APAC EMEA/APAC	
1C	1289522GT	MODULE, TELEMATICS, ZTR, M7, APAC/ANZ APAC/ANZ	
1D	1289523GT	MODULE,TELEMATICS,ZTR,M7,JAPAN Japan	
1E	1307427GT	MODULE, TELEMATICS, ZTR, M7, BRAZIL BRAZIL	
2	1307200GT	BRACKET, TELEMATICS	1
3	1271081GT	NUT,NYLOCK,8-32,8,ZAG	2
4	1257390GT	WASHER,FLAT,#8,SAE,ZAG	2

918.2 China Telematics Option, TZ200, STD



Item	*Part No.*	*Description*	*Qty.*
1	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
2	1305593GT	BRACKET,CHINA TELEMATICS,COMMON	1
3	1313614GT	MODULE, TELEMATICS, TIZALINK, CHINA	1

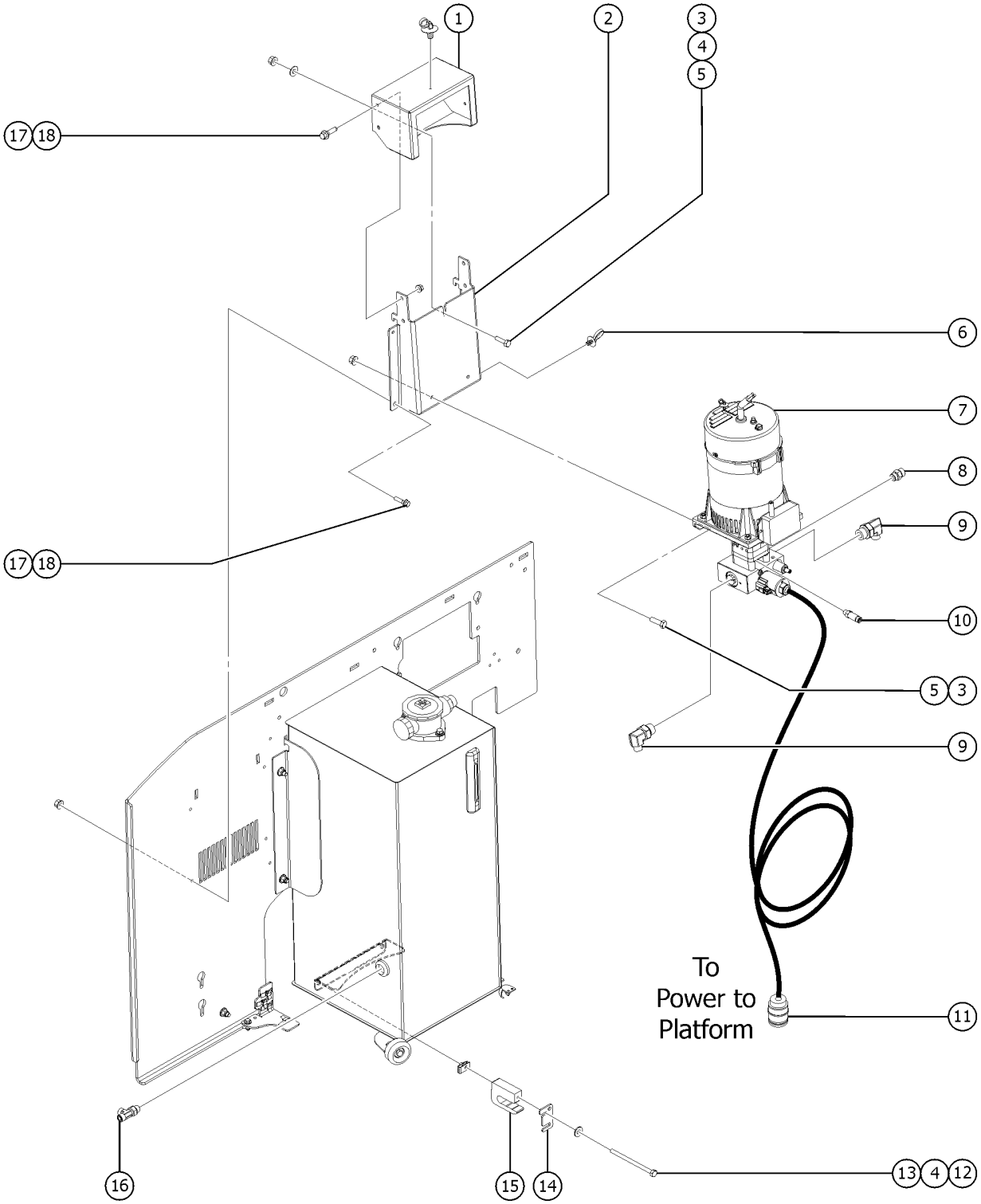
919.1 China Pre-filter Option(KUBOTA D1105)



919.1 China Pre-filter Option(KUBOTA D1105)

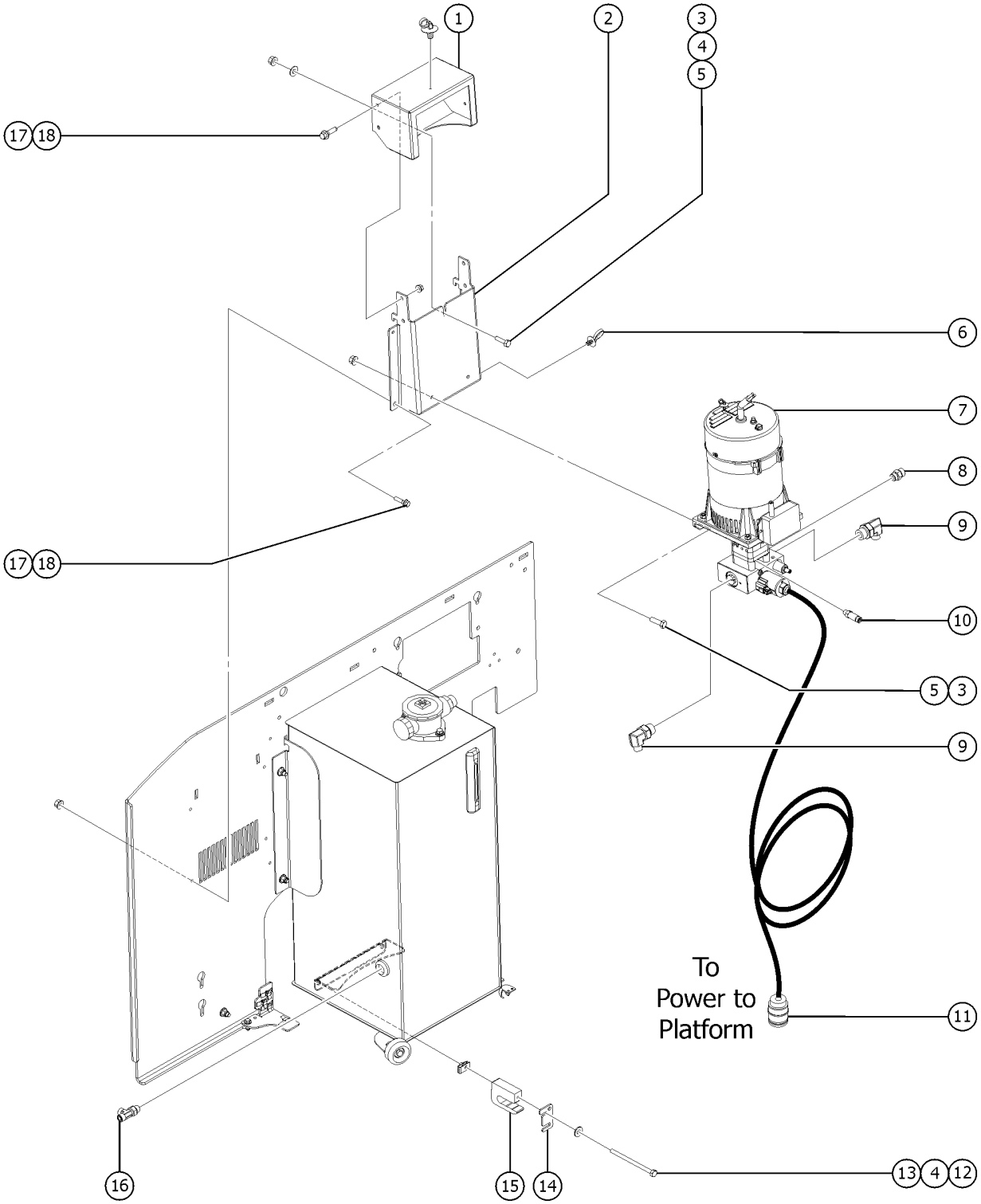
Item	*Part No.*	*Description*	*Qty.*
1		Ref. Forming,Bulkhead,side refer to 309.2	1
2	1310855GT	ASSY, FUEL FILTER/W SEPERATOR, CZL09	1
2-	1310856GT	FILTER/SEPARATOR ELEMENT KIT, CZL09	
3	1305612GT	MOUNTING BRKT,ELECTRICAL PANEL	1
4	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	2
5	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	2

920.1 Hydraulic Generator



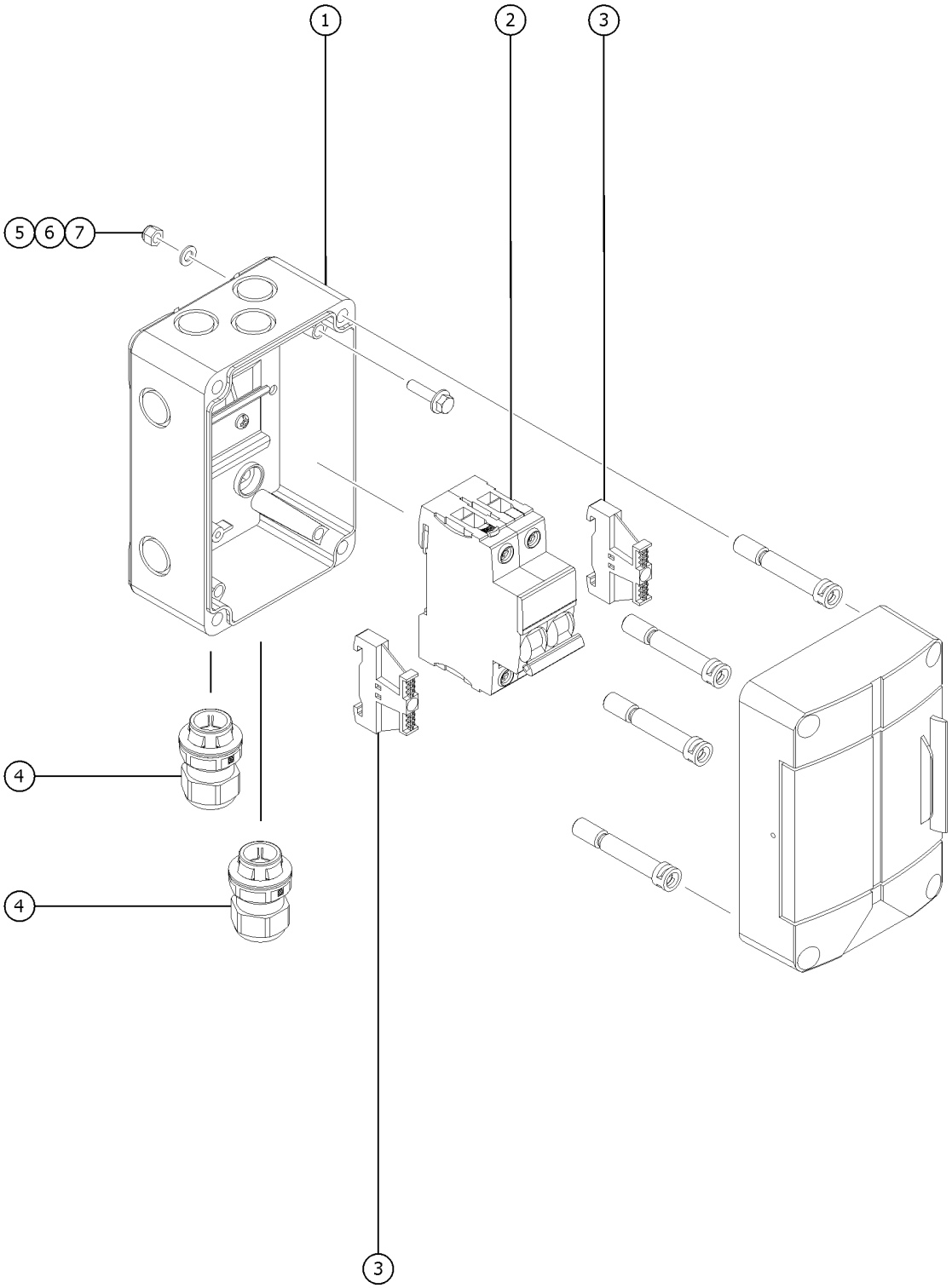
Item	Part No.	Description	Qty.
-	219672GT	HARNESS,GENERATOR,PBOX,Z45/51	1
-	1275757GT	DECAL, GENERATOR, GROUNDING, TN-S	1
1	160358GT	COVER,GENERATOR	1
2	231570GT	FORMING,GENERATOR MOUNT	1
3	1264101GT	SCREW,HHC,5/16-18X1,8,ZAG	5
4	824113GT	WASHER,FLAT,USS,1/4,ZAG	3
5	824028GT	NUT, TL FLG, 5/16-18, G, ZAG	5
6	110149GT	CABLE TIE,DFT MOUNT,BLK,6.5"	6
7	147266GT	GENERATOR, 2kW, 240V/50Hz 240V/50HZ	1
7-	1269693GT	CONTROL BOX,2KW,120/240V,50HZ for 147266	
7-	1285230GT	CAPACITOR 12.5µF, GEN for 1269693	
7-	147258GT	BREAKER,15 AMP,GEN	
7-	119067GT	CONN,RECEP 4 WAY ENDCAP DT for 147266	
7-	64260GT	TERM,NI PIN,16-18 BULK for 147266	
7-	60443GT	LOCK,RECEP 4 WAY,14-18GA for 147266	
7-	1255646GT	MANIFOLD ASSEMBLY, GEN 2.2KW for 147266	
7-	1259443GT	12VDC PROPORTIONAL VALVE, PV70 for 147266	
7-	147275GT	VALVE, RELIEF, GEN, 2.2kW for 147266	
7-	147274GT	204 HYD MOTOR, GEN for 147266	
7-	147231GT	SEAL KIT, HYD MOTOR, GEN for 147266	
7-	147278GT	GENERATOR, 240VAC 50Hz 2200W for 147266	
7-	147262GT	COVER, END, GENERATOR, 240V for 147266	
7-	147242GT	SCREW, GEN ROTOR for 147266	
7B	147264GT	GENERATOR, 2kW, 120V/50Hz 120V/50Hz	1
7B-	1269693GT	CONTROL BOX,2KW,120/240V,50HZ for 147264	
7B-	1285230GT	CAPACITOR 12.5µF, GEN	
7B-	147280GT	BREAKER, 20AMP CIRCUIT, GEN for 1269693	
7B-	119067GT	CONN,RECEP 4 WAY ENDCAP DT for 1269693	

920.1 Hydraulic Generator



Item	Part No.	Description	Qty.
7B-	64260GT	TERM,NI PIN,16-18 BULK for 119067	
7B-	60443GT	LOCK,RECEP 4 WAY,14-18GA for 119067	
7B-	1255646GT	MANIFOLD ASSEMBLY, GEN 2.2KW for 147264	
7B-	1259443GT	12VDC PROPORTIONAL VALVE, PV70 for 1255646	
7B-	147275GT	VALVE, RELIEF, GEN, 2.2kW for 1255646	
7B-	147274GT	204 HYD MOTOR, GEN for 147264	
7B-	147231GT	SEAL KIT, HYD MOTOR, GEN for 147274	
7B-	147276GT	GENERATOR, 120VAC 50HZ 2200W for 147264	
7B-	147241GT	COVER, END, GEN, 120V for 147276	
7B-	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 only for 147264	1
12	824065GT	SCREW,HHC,1/4-20X4,8,ZAG	2
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 refer to 801.3	1
17	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	8
18	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	8

921.1 RCBO Option



921.1 RCBO Option

Item	Part No.	Description	Qty.
1	1269086GT	ENCLOSURE, FUSE, MODULAR, 100x150x96, IP65	1
2	1261795GT	RCBO, 10A, 30MA, TYPE B, 240V, 50HZ 10A	1
2B	231868GT	RCBO,16A,30MA,6KA 110/230VAC 16A	1
3	74913GT	END STOP, DIN RAIL,SCREW CLAMP	2
4	1287081GT	CORD GRIP, CLICK 20, BLACK, 0.276-0.512	2
5	218458GT	SCREW,HHF,M5-0.8X20,DIN6921,10.9,ZAB	4
6	826215GT	WASHER,FLAT,M5,DIN125,ZAB	4
7	1283020GT	NUT,NYLOCK,M5-0.8,DIN985,10,ZAB	4

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Notes

California Proposition 65

WARNING

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

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

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

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

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