A TEREX BRAND

Parts Manual

Serial Number Range

Z-60/37 DC/FE Hybrid

from SN Z60M-101

Part No. 1291730GT
Rev: A.04
September 2024

Technical Publications

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

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

Contact Us:

Internet: www.genielift.com
e-mail: awp.techpub@terex.com

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First Edition, First Printing

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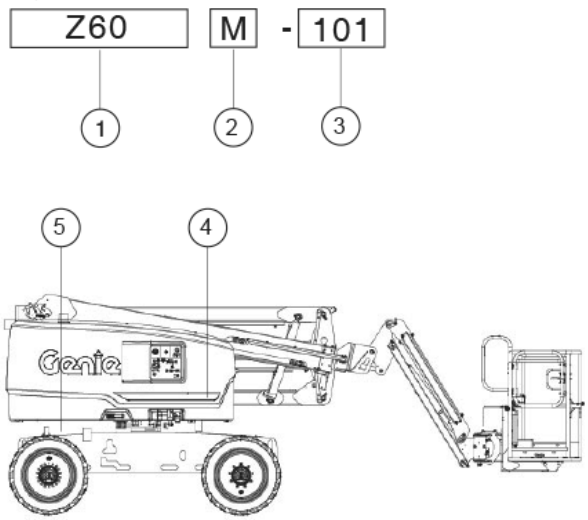
A TEREX BRAND

Model: Z-60/37
Serial Number: Z60M-101
Year of manufacture: 2019
Electrical Schematic Number: **ES0573**
Machine unladen weight: **16984 lbs/7704 kg**
Foam tires required: **Yes**
Rated work load (including occupants): **500 lbs/227 kg**
Maximum number of platform occupants: **2**
Maximum allowable side force: **90 lbs/400 N**
Maximum allowable inclination of the chassis:
2.5° along x 4.5° perpendicular to lift structure
Maximum wind speed: **28 mph/12.5 m/s**
Maximum platform height: **59 ft 7 in/18.6 m**
Maximum platform reach: **36 ft 7 in/11.15 m**
Gradeability: **45%**
Nominal Power: **20.0 kW**
Power supply:
Country of manufacture: **ITALY**
Manufacturer:
TEREX Global GmbH
Muhlenstrasse 26
8200 Schaffhausen
Switzerland

MEWP Classification

This MEWP complies with:

EN 280



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)

Telephone (31)(165)519 313

Fax (31)(165)511 148

http://genielift.co.uk

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

http://genielift.com.sg/

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

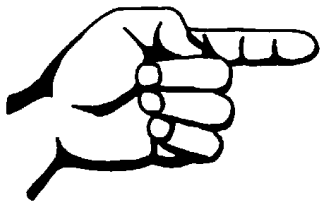
http://genielift.com.au

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

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



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Service Parts Fax Order Form

TEREX CORPORATION

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

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

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

Optional Equipment _____

Part Number	Description	Quantity	Price

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

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

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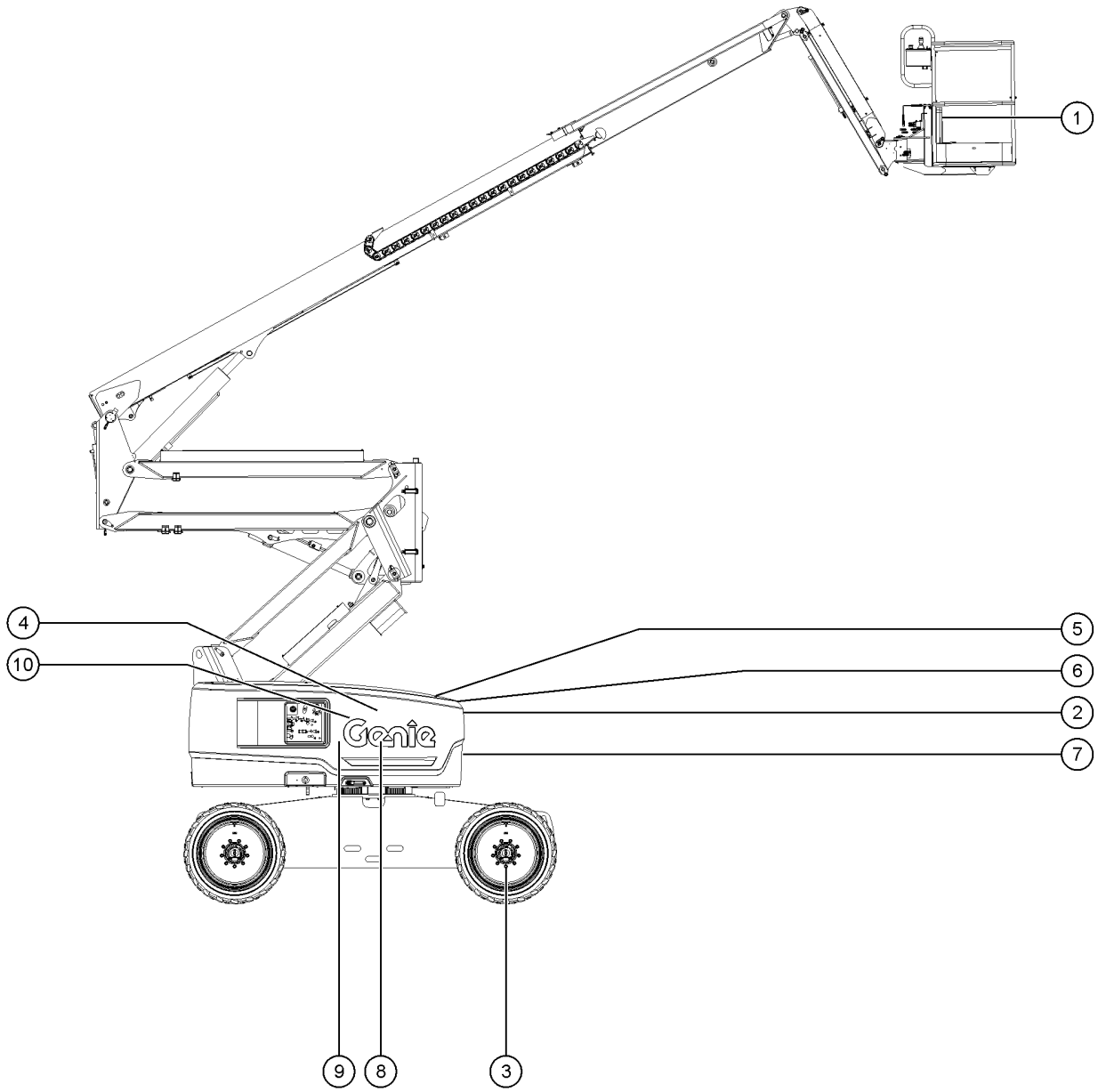
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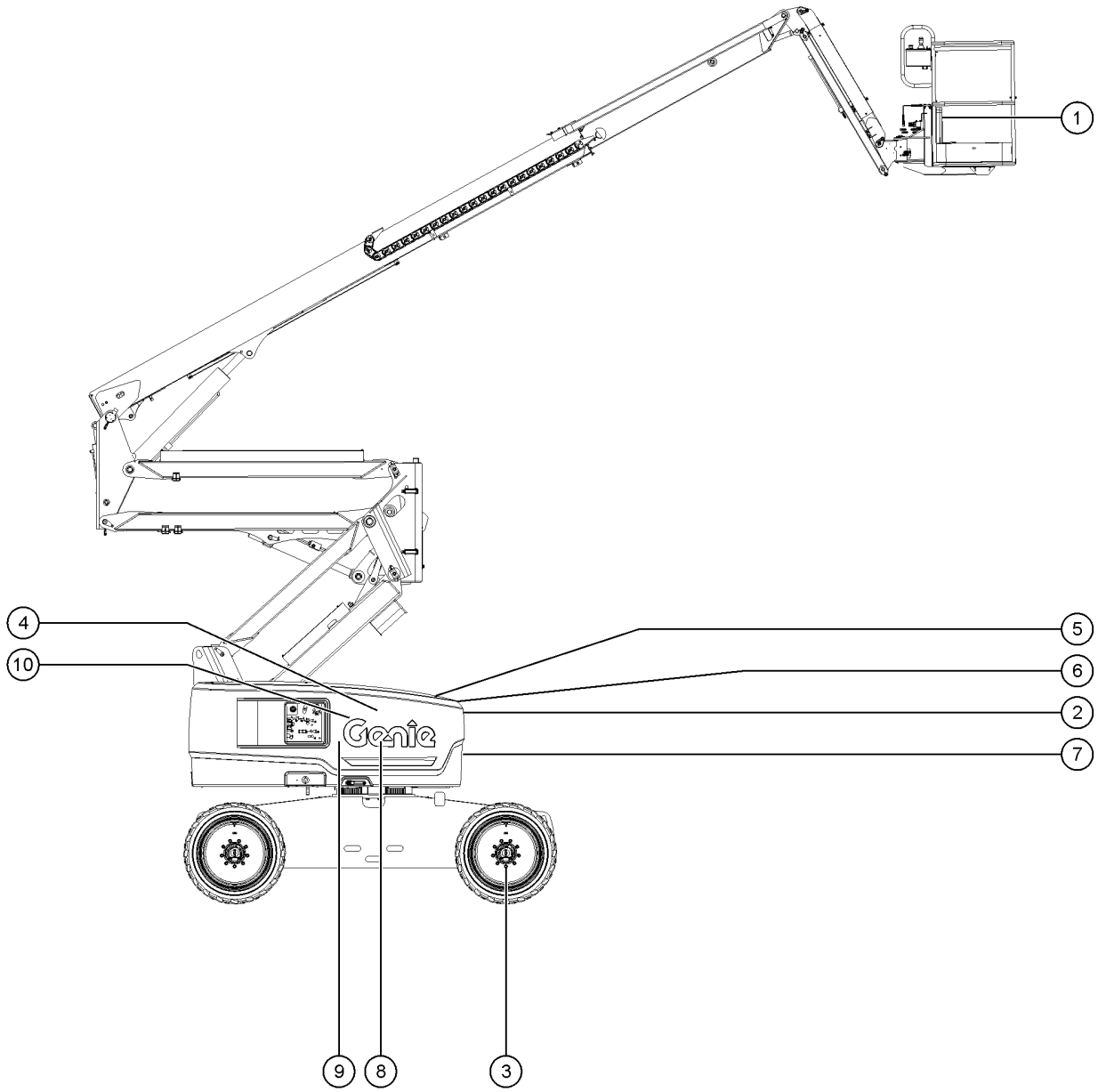
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001.1 Parts Stocking List



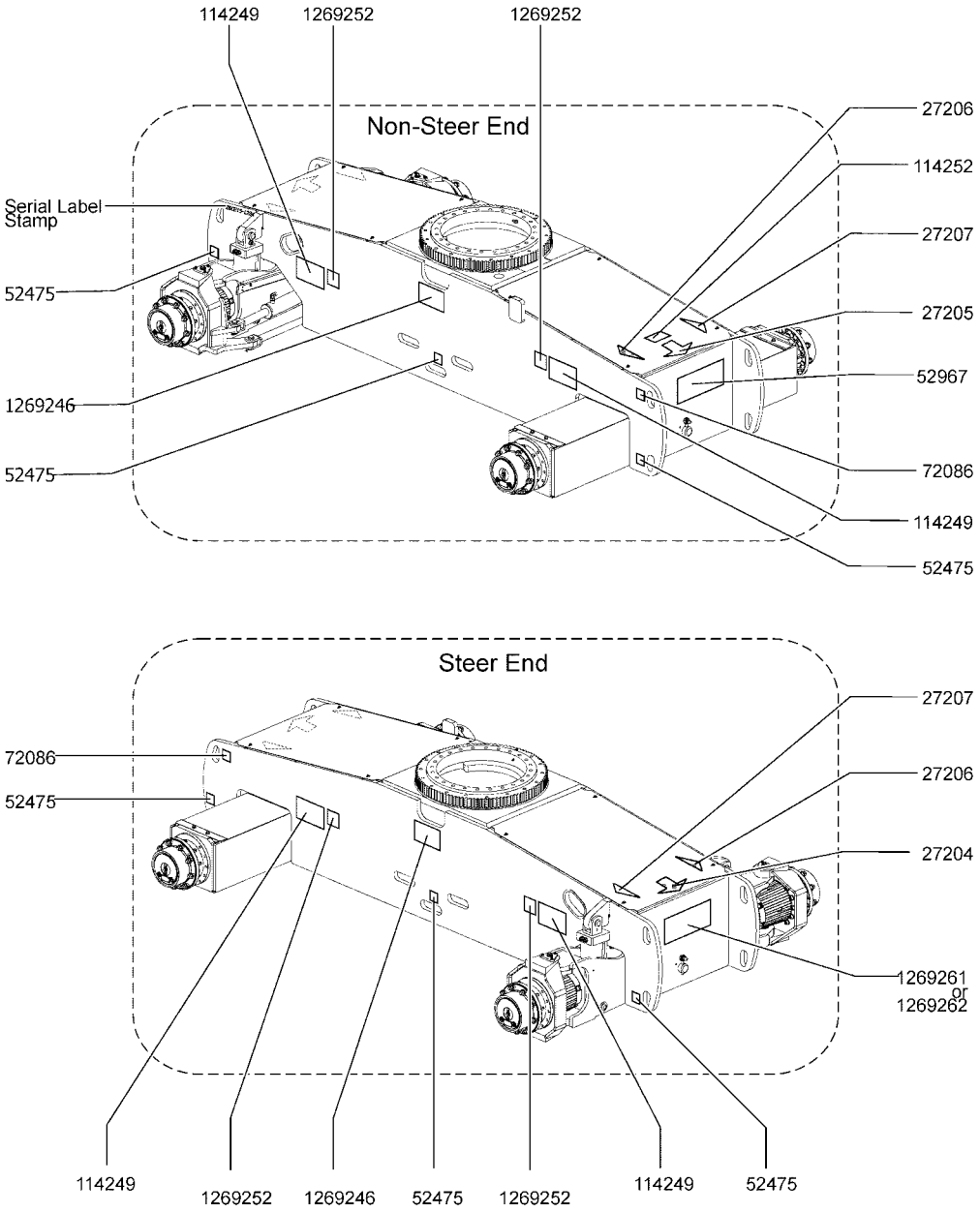
Item	Part No.	Description	Qty.
A		—General Service Parts—	
A-	1484GT	PAINT, AEROSOL, BRIGHT BLUE*** 12-ounce spray paint	
A-	1268GT	PAINT, AEROSOL, GENIE GRAY*** 12-ounce spray paint	
A-	1258567GT	PAINT, AEROSOL, TRAFFIC BLACK 12-ounce spray paint	
A-	32150GT	PAINT, WET, GENIE BLUE (1 GL)** 1-gallon	
A-	32151GT	PAINT, WET, GENIE GRAY (1GL)** 1-gallon	
A-	1257733GT	PAINT, WET, TRAFFIC BLACK(1 GL)** 1-gallon	
A-	66399GT	GREASE, DIELECTRIC 4 OZ**	
A-	1283776GT	SEAL MARKER,CROSS CHECK,BLUE,TUBE	
A-	93500GT	PARKER DIGITAL PRESSURE GAUGE	
A-	49612GT	O-RING KIT (ORFS FITTINGS) O-ring kit, ORFS	
A-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS* Plug and cap kit, ORFS	
A-	28750GT	O-RING KIT,FIELD SVC,ALL PROD* O-ring kit, SAE	
	33994GT	PLUG AND CAP KIT-SERVICE,37?** Plug and cap kit, SAE	
B		—Manuals—	
B-	27581GT	MANUAL, SAFTY MANNAL	
B-	1298933GT	MANUAL, SAIA MANUAL OF RESPONSIBILITIES, MEWP	
C		— FE MODELS —	
C-	32196GT	BELT,V, KUBOTA D905 (refer to figure 402.1), use until exhausted, (replaced by 839209)	
C-	839209GT	V-BELT, KUBOTA 1105 (refer to figure 402.1)	
C-	226939GT	AC MOTOR GEARBOX Z60E (refer to figure 204.1)	
C-	1263938GT	MOTOR CTRL, 48V, 3PH, 1234SE (refer to figure 302.1)	
C-	31745GT	FILTER,AIR,D905 (refer to figure 403.1), use until exhausted, (replaced by 236095)	
C-	236095GT	FILTER,AIR,D1105 (refer to figure 403.1)	
C-	866050GT	FILTER,OIL,KUBOTA (refer to figure 404.1)	
C-	32196GT	BELT,V, KUBOTA D905 (refer to figure 402.1), use until exhausted, (replaced by 839209)	

001.1 Parts Stocking List



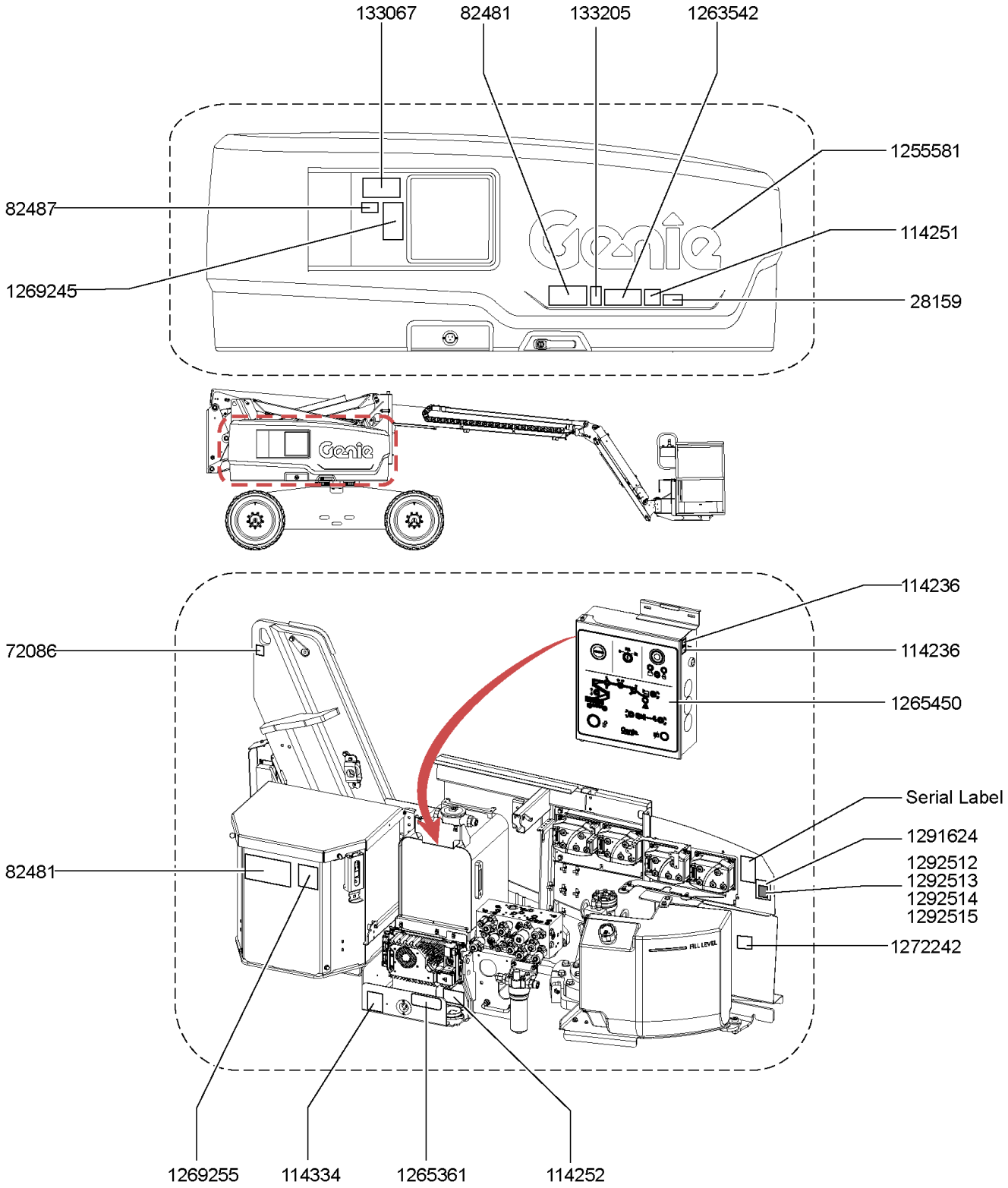
Item	*Part No.*	*Description*	*Qty.*
C-	839209GT	V-BELT, KUBOTA 1105 ..... (refer to figure 402.1)	
C-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS* ..... (refer to figure 701.1)	
C-	60857GT	FILTER,ELEMENT,BETA(5)=1000 ..... (refer to figure 305.1)	
C-	88917GT	FILTER,ELEMENT,BETA(10)=200 ..... (refer to figure 305.1)	

101.1 Decals with Symbols, Chassis



Item	Part No.	Description	Qty.
1	27204GT	DECAL,ARROW BLUE	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	6
6	52967GT	DECAL,COSMETIC,4 X 4 Option, 4WD	1
7	72086GT	DECAL,LABEL,LIFTING EYE	2
8	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	4
9	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	1
10	1269246GT	DECAL, TRANSPORTING/LIFTING, Z	2
11	1269252GT	DECAL, WHEEL LOAD, Z60/37DC	4
12	1297757GT	DECAL, COSMETIC, Z-60 DC Z60M-315	1
13	1297758GT	DECAL, COSMETIC, Z-60 FE Z60M-315	1

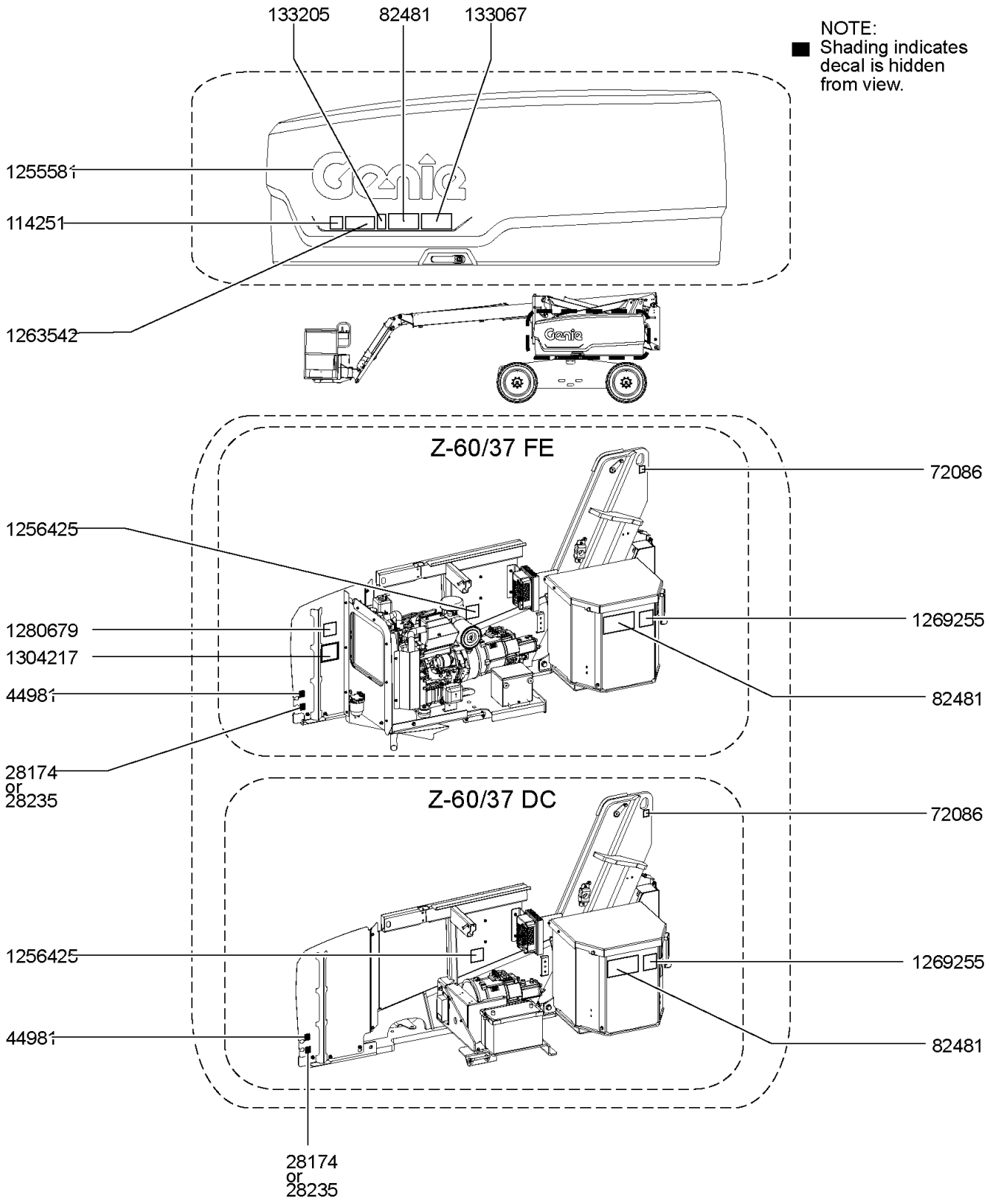
102.1 Decals with Symbols,Tank Side, Non-Steer End



102.1 Decals with Symbols,Tank Side, Non-Steer End

Item	Part No.	Description	Qty.
1	28159GT	DECAL,DIESEL Z-60/37 FE Only	1
2	72086GT	DECAL,LABEL,LIFTING EYE	1
3	82481GT	DECAL,SYMBOL-BATTERY SAFETY	2
4	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
5	114236GT	DECAL,LABEL,CB SYMBOL	2
6	114251GT	DECAL,LABEL,NO SMOKING,SYMB Z-60/37 FE Only	1
7	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	1
8	114334GT	DECAL SYMBOL ELECTRIC HAZARD PLUG	1
9	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
10	133205GT	DECAL,LABEL, ELECTRO HAZARD	1
11	1255581GT	DECAL COSMETIC,10" GENIE BLUE	1
12	1263542GT	DECAL, COMPARTMENT ACCESS	1
13	1265361GT	DECAL, BATTERY CHARGER INDICAT	1
14	1265450GT	DECAL, GROUND CONTROL BOX, Z60	1
15	1269245GT	DECAL, EMERGENCY LOWERING, Z60	1
16	1269255GT	DECAL, ANSI SYMBOL, BATT WEIGH	1
17	1272242GT	DECAL,MACHINE REGISTRATION/OWN	1
18	1291624GT	DECAL COSM,GENIE LIFT CONNECT,LEXAN COVER	1
19	1292512GT	DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-1	1
20	1292513GT	DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-2	1
21	1292514GT	DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-3	1
22	1292515GT	DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-4	1

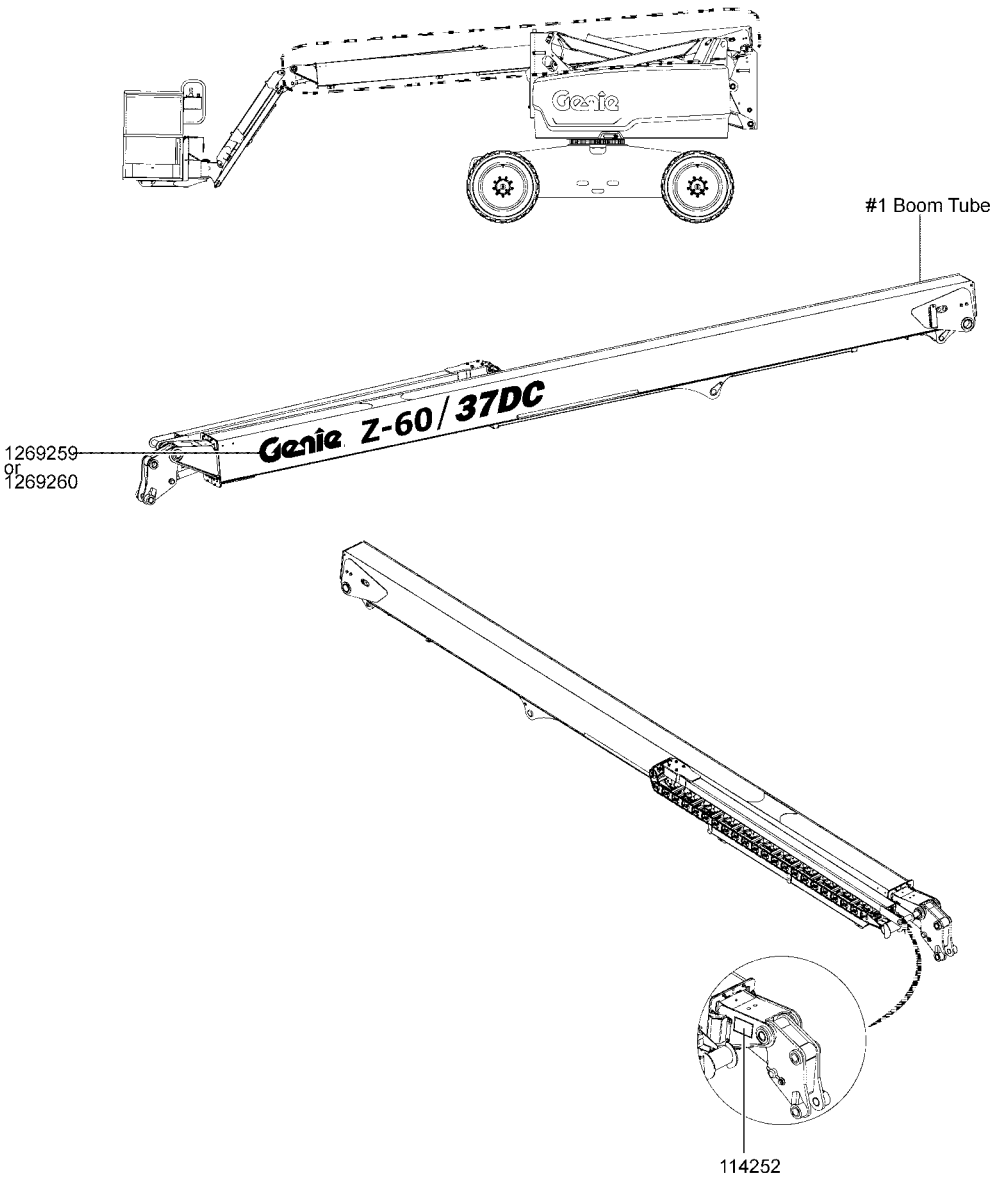
103.1 Decals with Symbols, Generator Side, Steer End



103.1 Decals with Symbols, Generator Side, Steer End

Item	Part No.	Description	Qty.
1	28174GT	DECAL,POWER TO PLATFORM 230V Option, power to plat	1
2	28235GT	DECAL,POWER TO PLATFORM 115V Option, power to plat	1
3	44981GT	DECAL,LABEL,AIRLINE 110 PSI Option, airline to platform	1
4	72086GT	DECAL,LABEL,LIFTING EYE	1
5	1280679GT	DECAL,LABEL,100 DB Z-60/37 FE - CE Only	1
6	82481GT	DECAL,SYMBOL-BATTERY SAFETY	2
7	114251GT	DECAL,LABEL,NO SMOKING,SYMB Z-60/37 FE Only	1
8	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
9	133205GT	DECAL,LABEL, ELECTRO HAZARD	1
10	1255581GT	DECAL COSMETIC,10" GENIE BLUE	1
11	1256425GT	DECAL, DANGER, ELECTROCUTION H	1
12	1263542GT	DECAL, COMPARTMENT ACCESS	1
13	1269255GT	DECAL, ANSI SYMBOL, BATT WEIGH	1
14	1304217GT	DECAL, EXPLOSION HAZARD	1

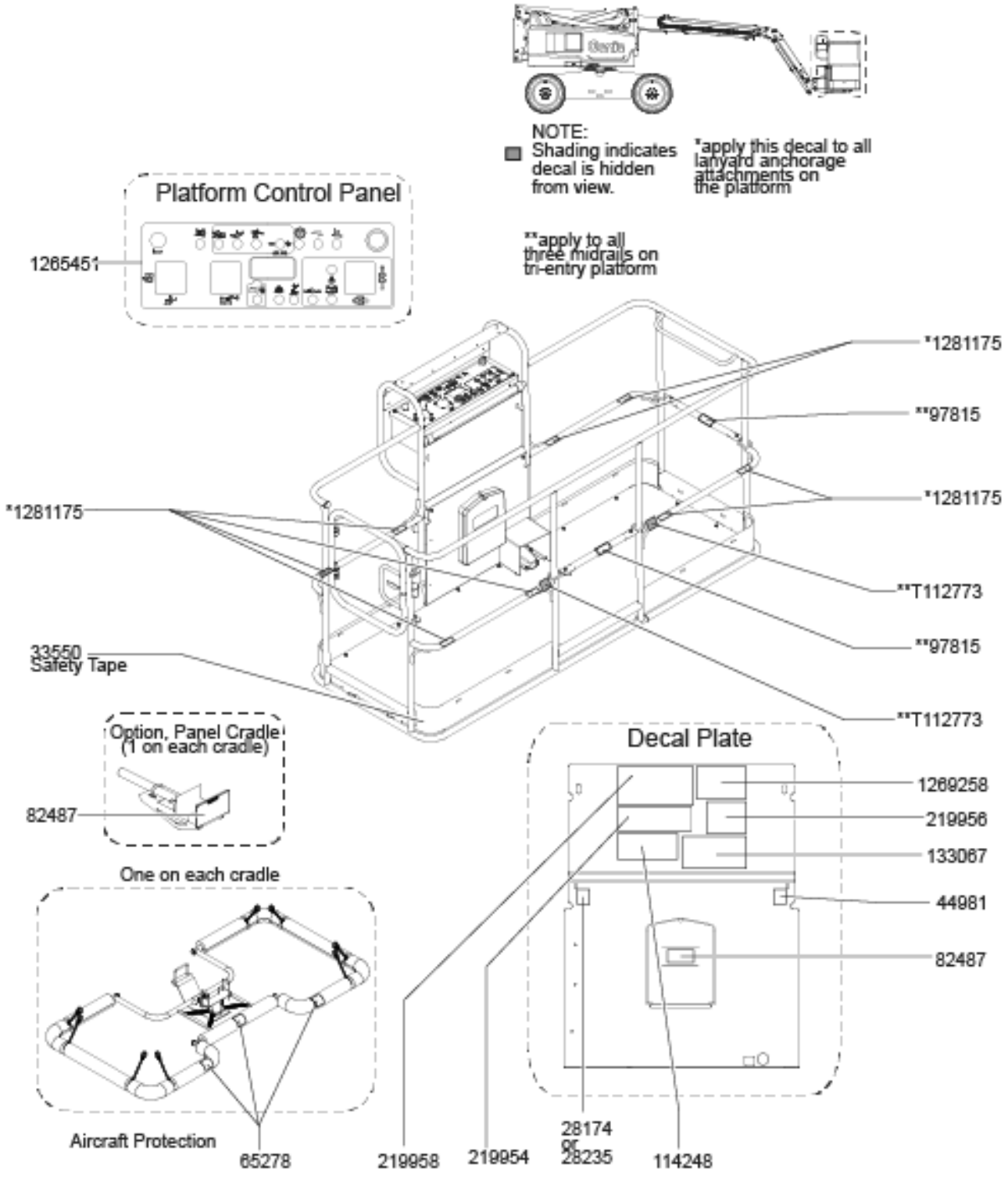
104.1 Decals with Symbols, Boom



104.1 Decals with Symbols, Boom

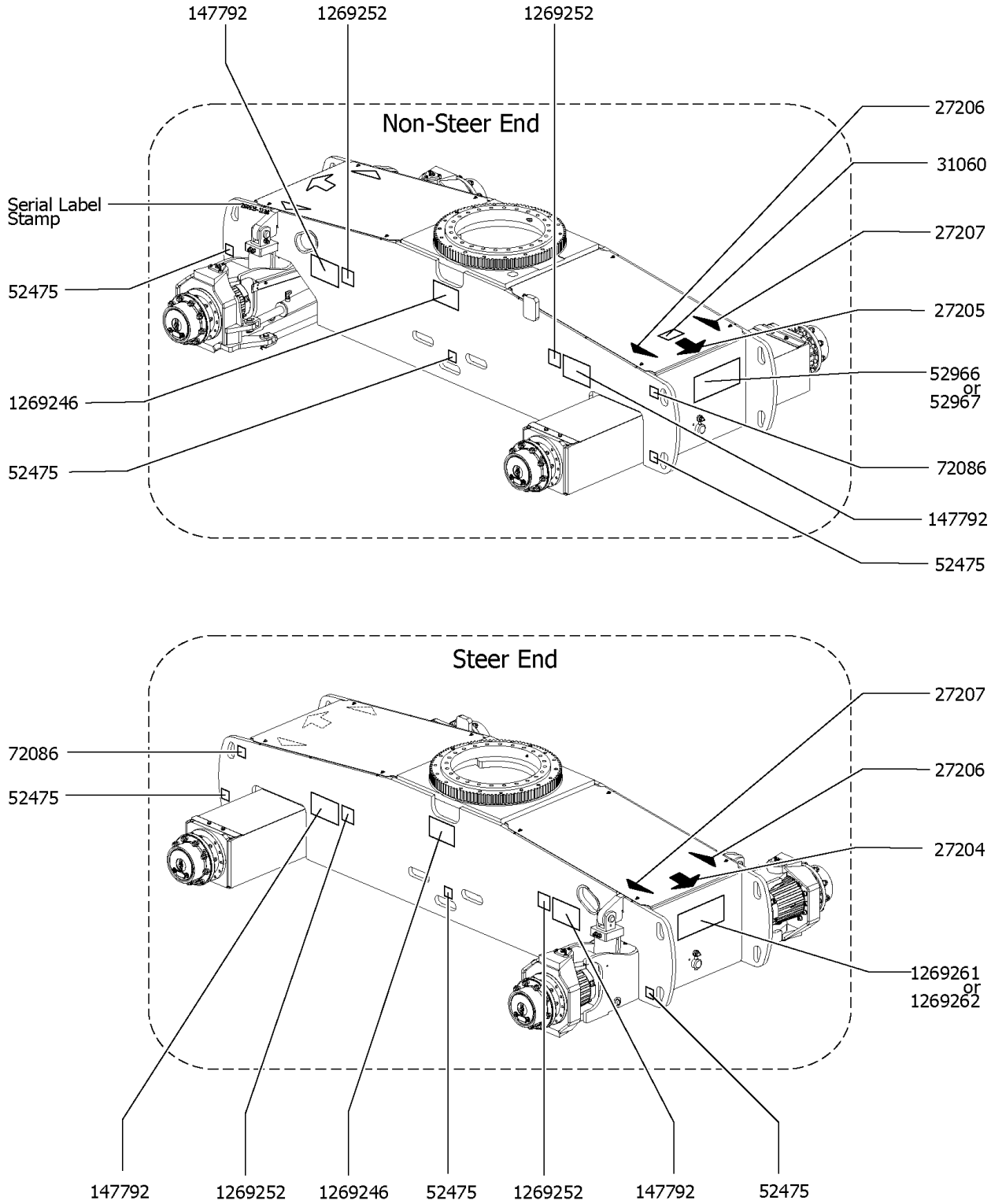
Item	*Part No.*	*Description*	*Qty.*
1	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	1
2	1297755GT	DECAL, COSMETIC, GENIE Z-60 DC Z60M-315	1
3	1297756GT	DECAL, COSMETIC, GENIE Z-60 FE Z60M-315	1

105.1 Decals with Symbols, Platform



Item	Part No.	Description	Qty.
1	28174GT	DECAL,POWER TO PLATFORM 230V Option, power to plat	1
2	28235GT	DECAL,POWER TO PLATFORM 115V Option, power to plat	1
3	33550GT	TAPE,WARNING,BLK/YEL, 50'*** (sold by the roll. 648" per roll) (Required to be installed at base of platform toeboard for CE market)	
4	1281175GT	DECAL,LANYARD,FALL RESTRAINED	8
5	44981GT	DECAL,LABEL,AIRLINE 110 PSI Option, airline to platform	1
6	65278GT	DECAL,CAUTION,NO STEP Option, no step	3
7	82487GT	DECAL,SYMBOL-READ THE MANUAL	3
8	97815GT	DECAL,LABEL,LOWER MIDRAIL	2
9	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY	1
10	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
11	219954GT	DECAL,TIP-OVER HAZARD,CE CE	1
12	219956GT	DECAL,PLATFORM OVERLOAD CE Only	1
13	219958GT	DECAL,TIP-OVER,CRUSH	1
14	1265451GT	DECAL, PLATFORM CONTROL BOX, Z	1
15	1269258GT	DECAL, SYMBOL, SLOPE RATING, Z	1
16	T112773GT	TAPE, PROTECTIVE MASK	2

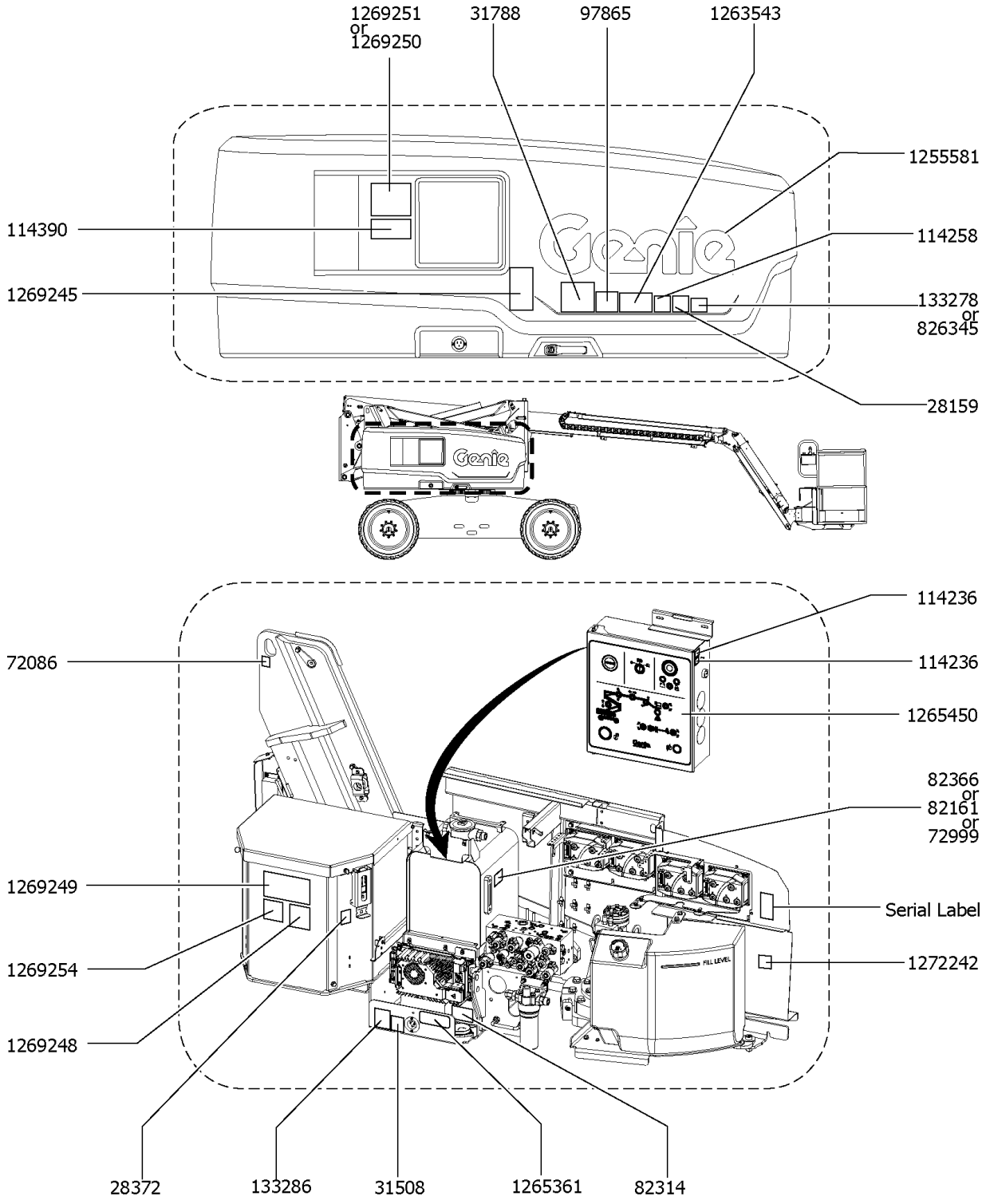
106.1 Decals with Words, Chassis (AUS)



106.1 Decals with Words, Chassis (AUS)

Item	Part No.	Description	Qty.
A	1272633GT	DECAL KIT,Z60 DC,COMP,WRD,AUS AUS	
B	1272634GT	DECAL KIT,Z60 FE,COMP,WRD,AUS AUS	
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
6	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	6
7	52966GT	DECAL,COSMETIC,4 X 2 Option, 2WD	1
8	52967GT	DECAL,COSMETIC,4 X 4 Option, 4WD	1
9	72086GT	DECAL,LABEL,LIFTING EYE	2
10	147792GT	DANGER,TIPOVR,TIRES FF ONLY	4
11	1269246GT	DECAL, TRANSPORTING/LIFTING, Z	2
12	1297754GT	DECAL, WHEEL LOAD, Z-60 DC Z60M-315	4
13	1297757GT	DECAL, COSMETIC, Z-60 DC Z60M-315	1
14	1297758GT	DECAL, COSMETIC, Z-60 FE Z60M-315	1

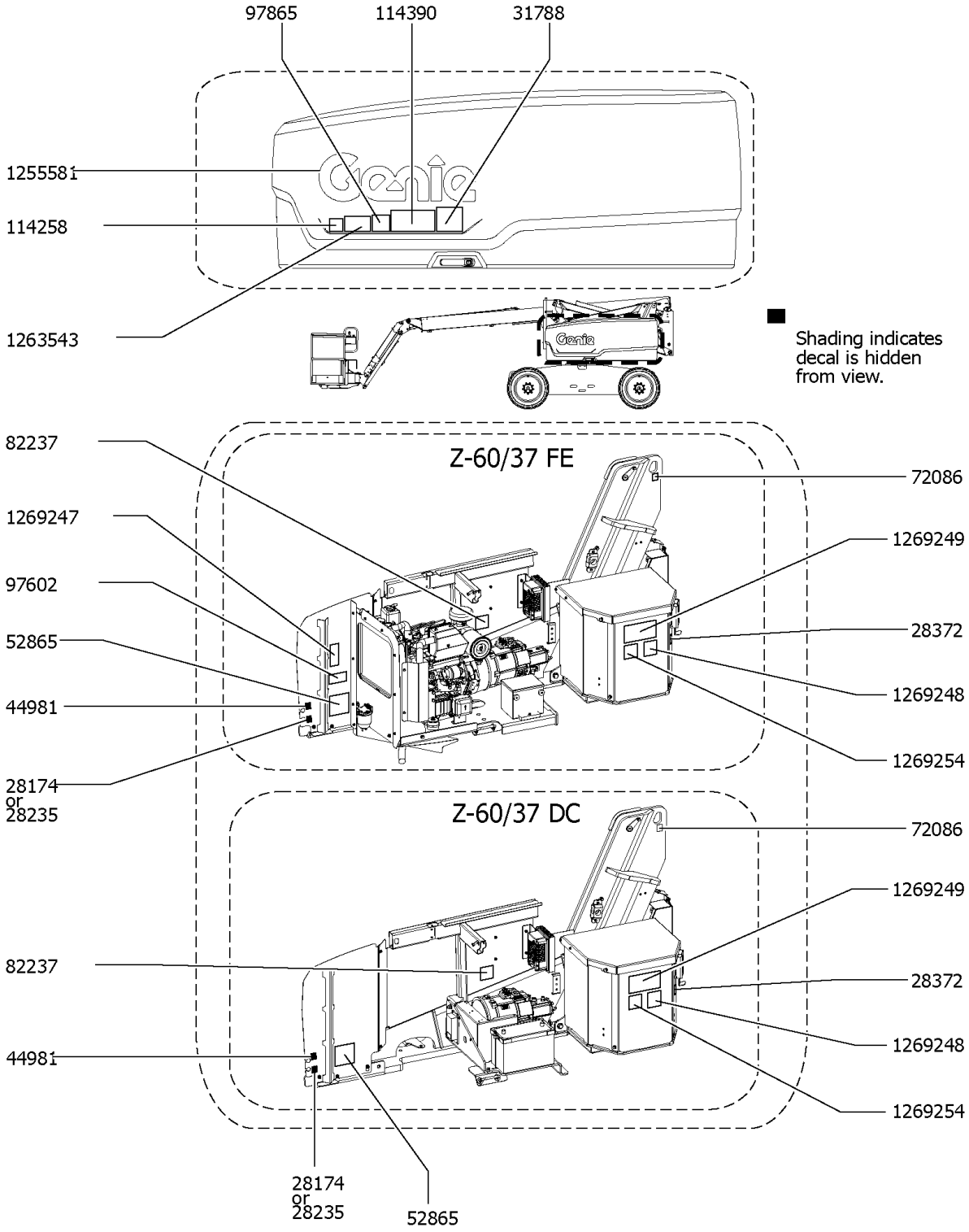
107.1 Decals with Words,Tank Side, Non-Steer End (AUS)



107.1 Decals with Words,Tank Side, Non-Steer End (AUS)

Item	Part No.	Description	Qty.
1	28159GT	DECAL,DIESEL Z-60/37 FE Only	1
2	28372GT	DECAL,NOTICE,BATTERY CABLES	1
3	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
4	31788GT	DECAL,DANGER,BATTERY SAFETY***	1
5	72086GT	DECAL,LABEL,LIFTING EYE	1
6	72999GT	DECAL,LABEL,PETRO CANADA*** Option, hydraulic oil	1
7	82161GT	DECAL,LABEL,UCON HYDROLUBE Option, hydraulic oil	1
8	82314GT	DECAL,DANGER,TIP-OVER	1
9	82366GT	DECAL,CHEVRON RANDO HD Option, hydraulic oil	1
10	97865GT	DECAL,WARN,ELECTRO HAZARD	1
11	114236GT	DECAL,LABEL,CB SYMBOL	2
12	114258GT	DECAL,DANGER,NO SMOKING Z-60/37 FE Only	1
13	114390GT	DECAL,DANGER,ELECT HAZARD***	1
14	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL Z-60/37 FE Only - Australia models	1
15	133286GT	DECAL, POWER TO CHARGER, UNIV	1
16	826345GT	DECAL,ULS DIESEL ONLY,TIER 4 Z-60/37 FE Only - ANSI	1
17	1255581GT	DECAL COSMETIC,10" GENIE BLUE	1
18	1263543GT	DECAL,COMPARTMENT ACCESS	1
19	1265361GT	DECAL, BATTERY CHARGER INDICAT	1
20	1265450GT	DECAL, GROUND CONTROL BOX, Z60	1
21	1269248GT	DECAL, BATT CONN DIAGRAM	1
22	1269249GT	DECAL, NOTICE, CHARGER INSTRU	1
23	1269250GT	DECAL, OP INSTRUCTIONS, Z60/37DC Z-60/37 DC	1
24	1269251GT	DECAL,WARNING-COMPART ACCESS Z-60/37 FE	1
25	1269254GT	DECAL, WORD, BATT WEIGHT/TIP O	1
26	1272242GT	DECAL,MACHINE REGISTRATION/OWN	1
27	1269245GT	DECAL, EMERGENCY LOWERING, Z60	1

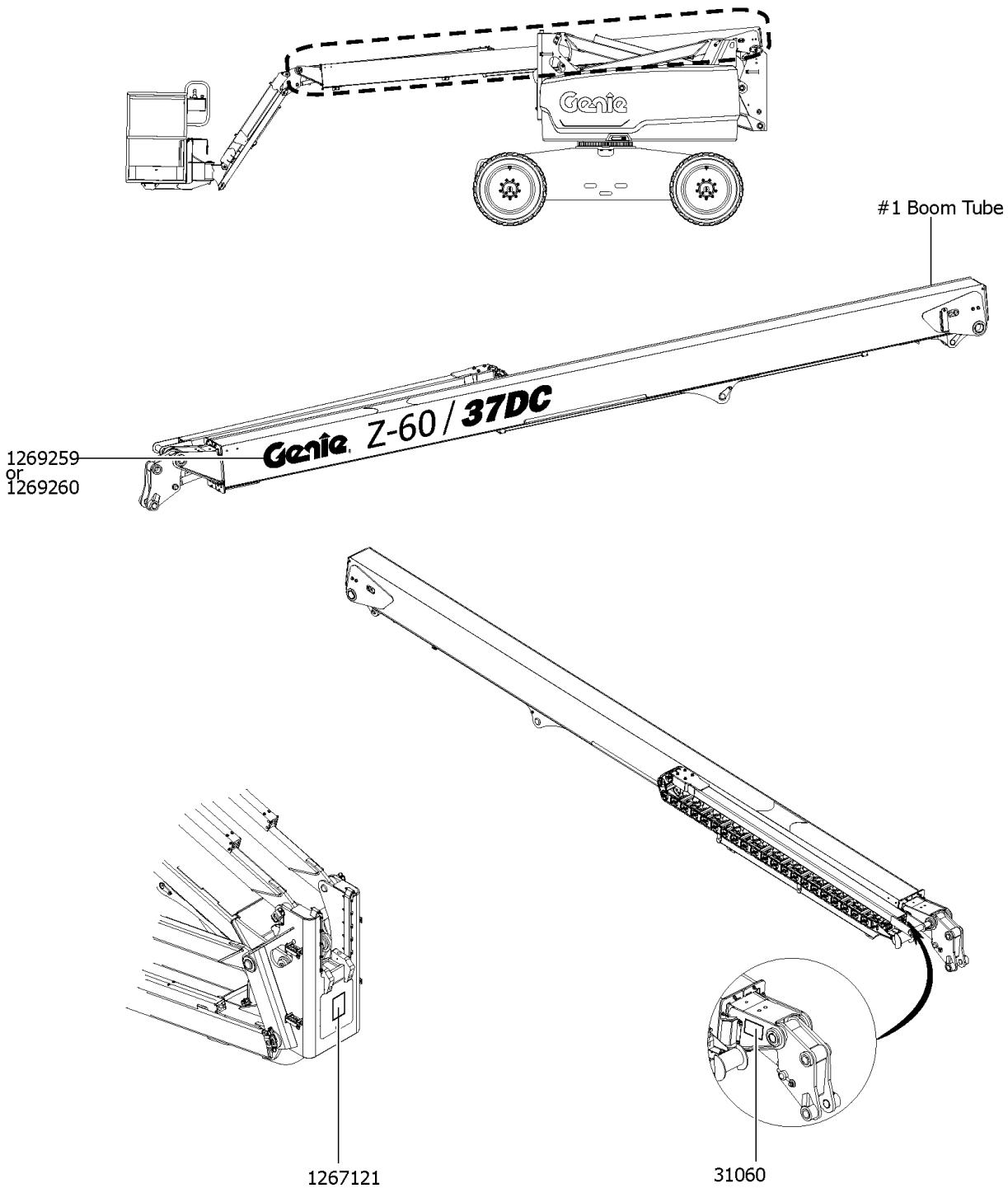
108.1 Decals with Words, Generator Side, Steer End (AUS)



108.1 Decals with Words, Generator Side, Steer End (AUS)

Item	Part No.	Description	Qty.
1	28174GT	DECAL,POWER TO PLATFORM 230V Option, power to plat	1
2	28235GT	DECAL,POWER TO PLATFORM 115V Option, power to plat	1
3	28372GT	DECAL,NOTICE,BATTERY CABLES	1
4	31788GT	DECAL,DANGER,BATTERY SAFETY***	1
5	44981GT	DECAL,LABEL,AIRLINE 110 PSI Option, airline to platform	1
6	52865GT	DECAL,ANNUAL INSP***	1
7	72086GT	DECAL,LABEL,LIFTING EYE	1
8	82237GT	DECAL,DANGER,HIGH VOLTAGE	1
9	97602GT	DECAL,EXPLOSION HAZARD Z-60/37 FE Only	1
10	97865GT	DECAL,WARN,ELECTRO HAZARD	1
11	114258GT	DECAL,DANGER,NO SMOKING Z-60/37 FE Only	1
12	114390GT	DECAL,DANGER,ELECT HAZARD***	1
13	1255581GT	DECAL COSMETIC,10" GENIE BLUE	1
14	1263543GT	DECAL,COMPARTMENT ACCESS	1
15	1269247GT	DECAL, KUBOTA D1105-E4B, SPECS Z-60/37 FE Only	1
16	1269248GT	DECAL, BATT CONN DIAGRAM	1
17	1269249GT	DECAL, NOTICE, CHARGER INSTRU	1
18	1269254GT	DECAL, WORD, BATT WEIGHT/TIP O	1

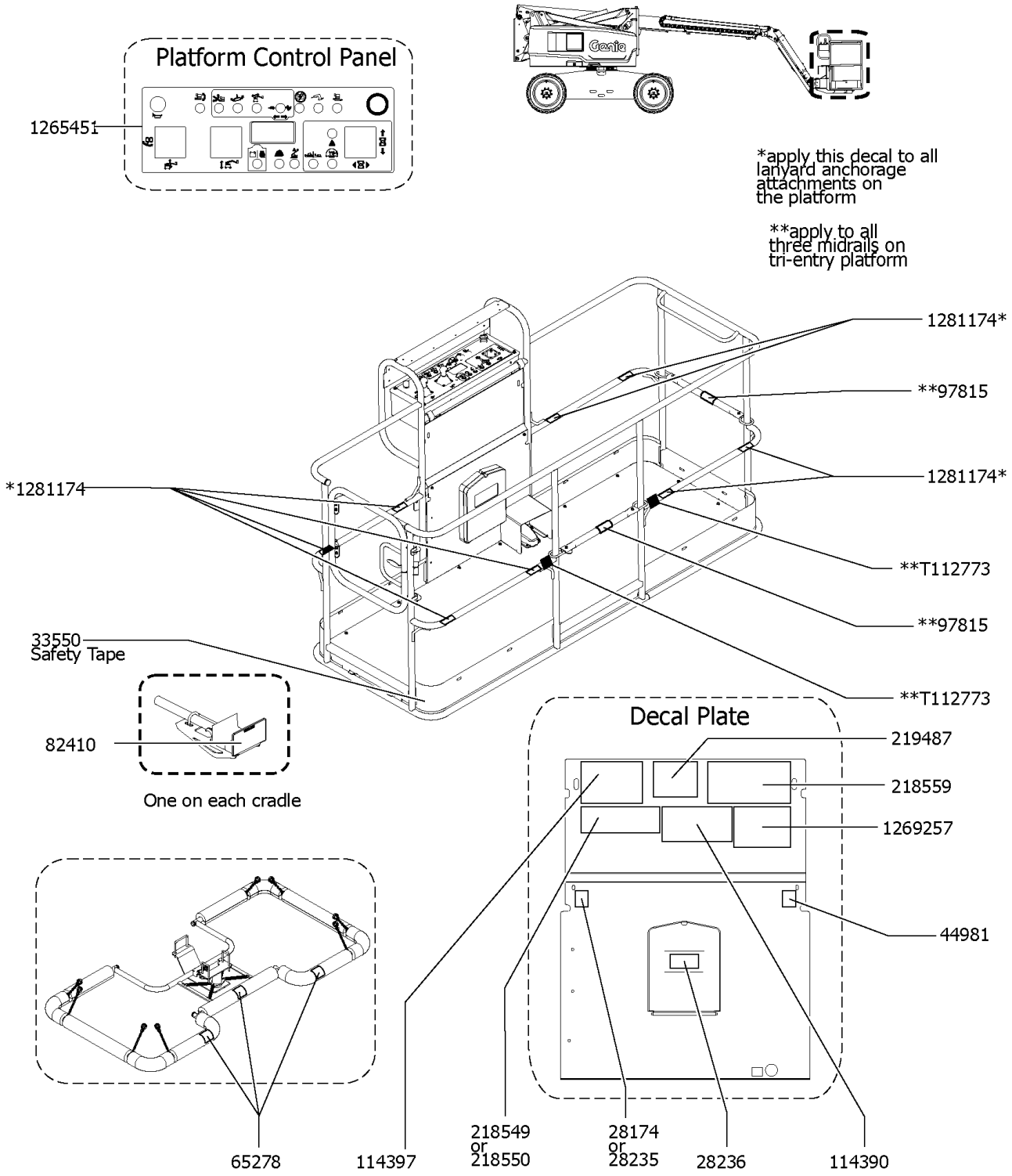
109.1 Decals with Words, Boom (AUS)



109.1 Decals with Words, Boom (AUS)

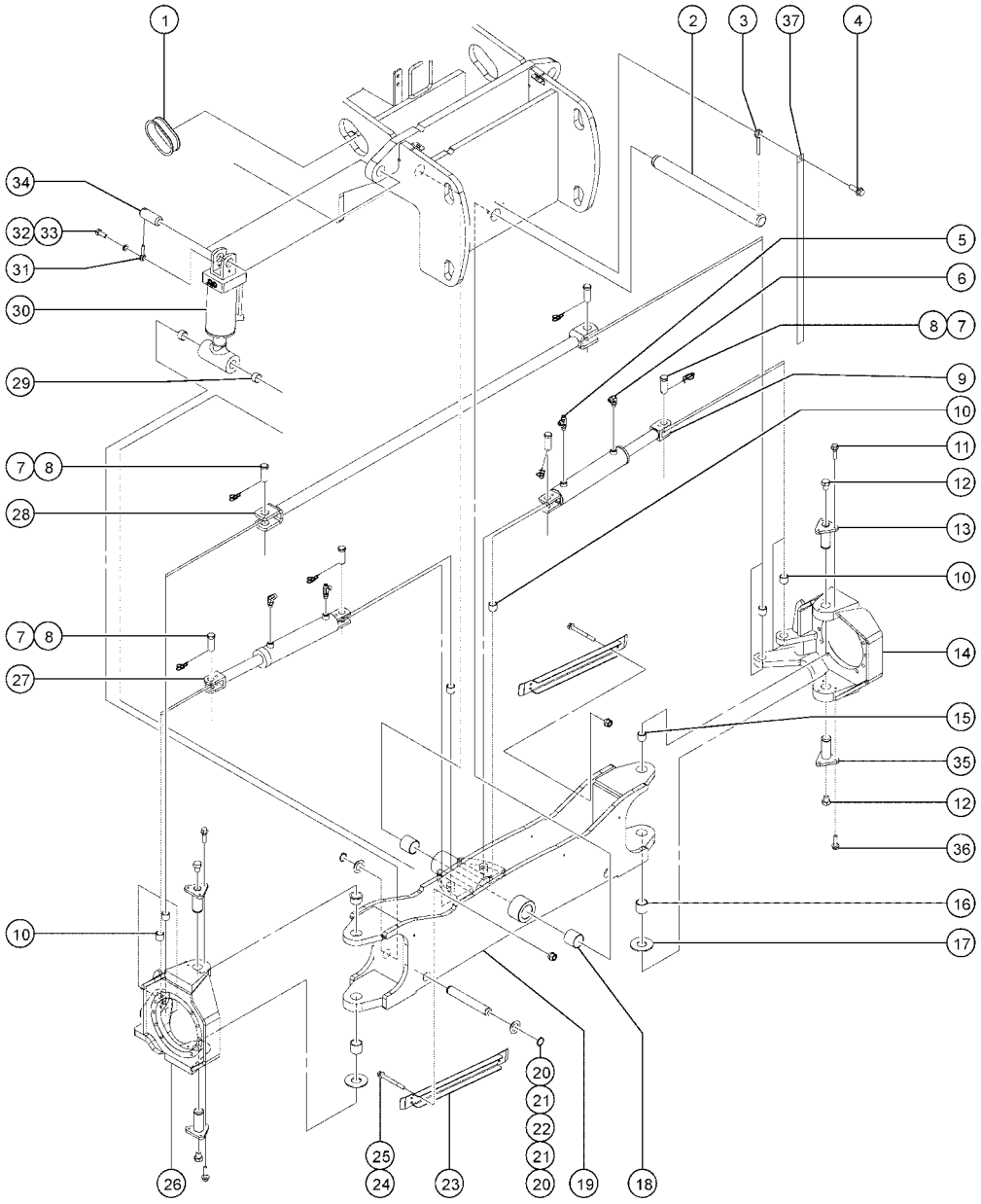
Item	*Part No.*	*Description*	*Qty.*
1	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
2	1267121GT	DECAL,WARNING,CRUSH HAZARD AUS Only	1
3	1297755GT	DECAL, COSMETIC, GENIE Z-60 DC Z60M-315	1
4	1297756GT	DECAL, COSMETIC, GENIE Z-60 FE Z60M-315	1

110.1 Decals with Words, Platform (AUS)



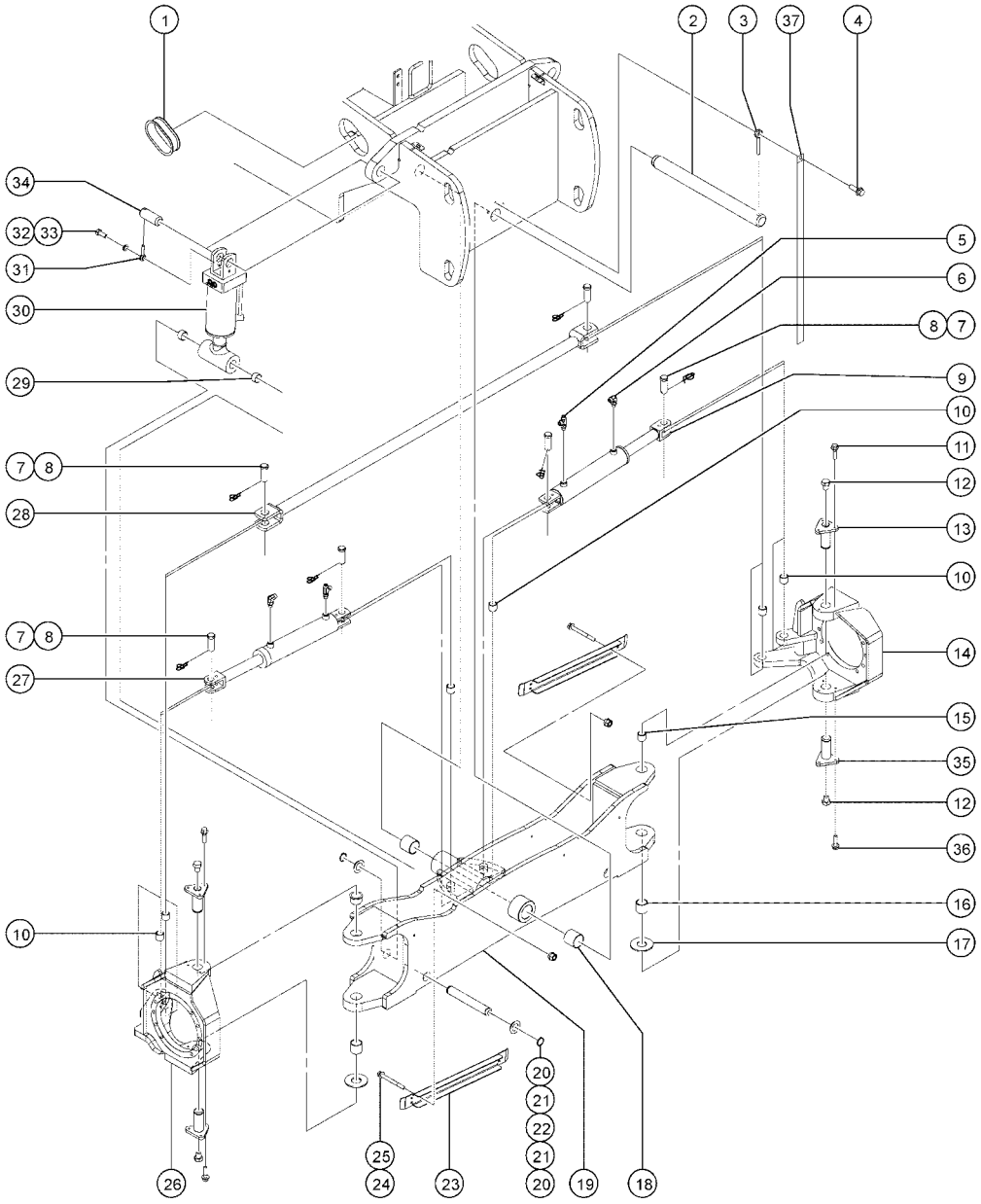
Item	Part No.	Description	Qty.
A	1272632GT	DECAL KIT,Z60/37,PLAT,WRD,AUS AUS	
1	28174GT	DECAL,POWER TO PLATFORM 230V Option, power to plat	1
2	28235GT	DECAL,POWER TO PLATFORM 115V Option, power to plat	1
3	28236GT	DECAL,WARN,IMPROPER OPERATION	1
4	33550GT	TAPE,WARNING,BLK/YEL, 50'*** (sold by the roll. 648" per roll) (Required to be installed at base of platform toeboard, Australian market)	1 roll
5	1281174GT	DECAL,LANYARD,FALL ARREST/FALL RESTRAINED	8
6	44981GT	DECAL,LABEL,AIRLINE 110 PSI Option, airline to platform	1
7	65278GT	DECAL,CAUTION,NO STEP Option, no step	3
8	82410GT	DECAL,WARNING,PANEL CRADLE Option, panel cradle	2
9	97815GT	DECAL,LABEL,LOWER MIDRAIL	2
10	114390GT	DECAL,DANGER,ELECT HAZARD***	1
11	114397GT	DECAL,DANGER,TILT ALARM	1
12	218549GT	DECAL,DANGER,CAP,ANSI WORD ANSI	1
13	218550GT	DECAL,DANGER,CAP,AUS WORD AUS	1
14	218559GT	DECAL,DANGER/WARNING COMBO	1
15	219487GT	DECAL,PLATFORM OVERLOAD AUS Only	1
16	1265451GT	DECAL, PLATFORM CONTROL BOX, Z	1
17	1269257GT	DECAL, WORD, SLOPE, RATING, Z6	1
18	T112773GT	TAPE, PROTECTIVE MASK	2

201.1 Steer Axle and Steer Linkage , Oscillate Models



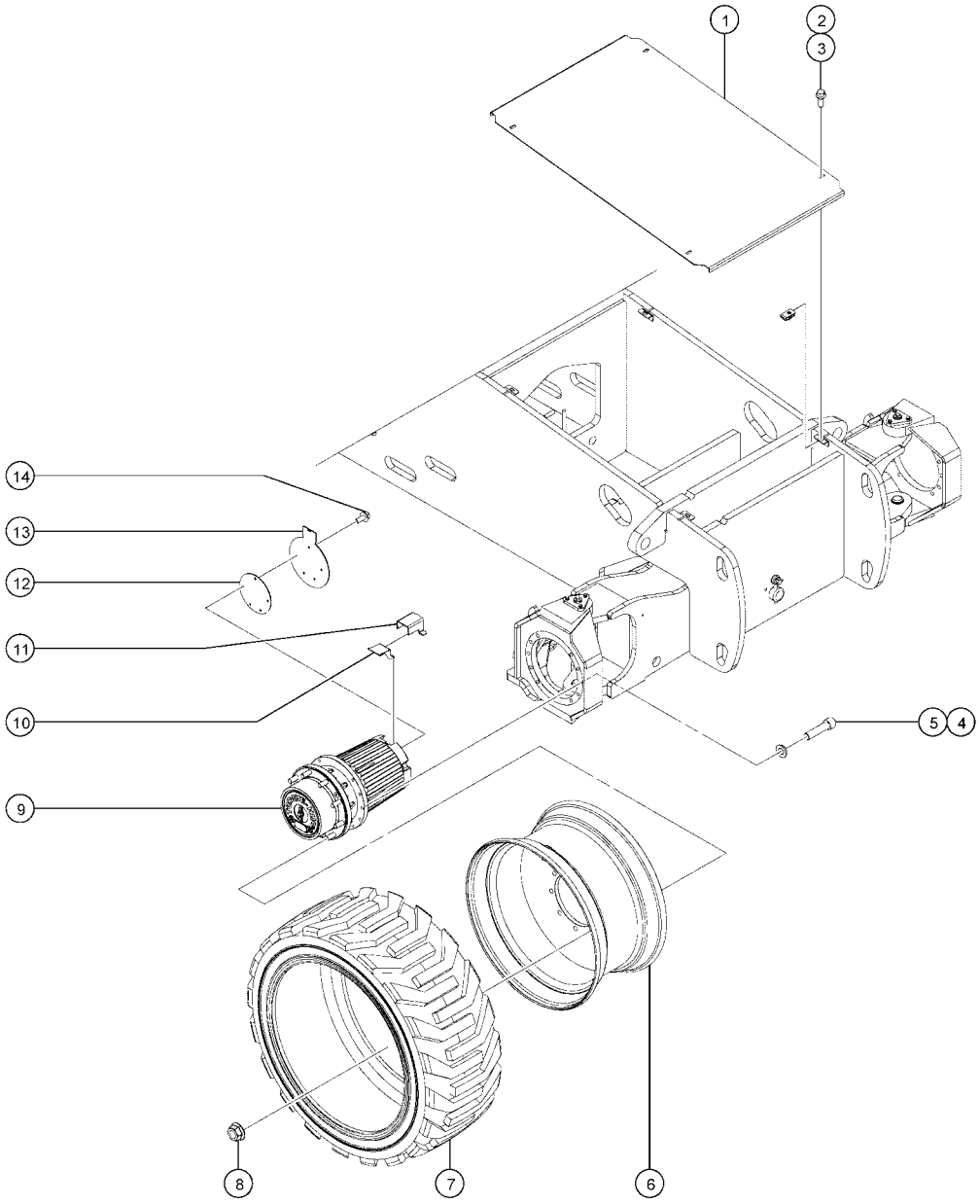
Item	Part No.	Description	Qty.
1	53386GT	GUARD, HOSE PROTECTOR	2
2	77610GT	PIN,2.00DIAX23.13LG,CHAMFER	1
3	1256267GT	ROD END,.5 X 3.75,ZAG	1
4	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	2
5	48918GT	TEE,RUN,520428-6	2
6	48915GT	ELBOW,90D,520220-6	2
7	824127GT	PIN, CLEVIS, SAE 1.0 X 2.41, ZAG	6
8	824129GT	RUE RING,1.0,ZAG	6
9	1261172GT	CYLINDER, STEER	1
9-	89294GT	SEAL KIT CYLINDER (59460) (for 1261172)	
10	25817GT	BEARING,1.00IDX1.25ODX1.00L	6
11	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	4
12	1263699GT	SCREW,HHC,3/8-16X.5,8,ZAG	4
13	1272778GT	WELDMENT, PIN, 1.5IN X 2.92IN LG.	2
14	1280225GT	MACHINE LH, YOKE Z60E (4WD)	1
14-	1280226GT	WELDMENT,YOKE LH Z60E	
15	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	2
16	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
17	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
18	42014GT	BEARING,2.00IDX2.25ODX2.00L	2
19	1280212GT	WELDMENT,Z60E FRONT AXLE	1
20	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	4
21	824151GT	WASHER,SHIM,1.270X2.130X.062,Z	4
22	1261467GT	PIN,1.25DIAX8.8LG,2RING	2
23	1268611GT	FORMING, MOTOR CABLE TRACK (4WD)	2
24	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG (4WD)	4
25	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG (4WD)	4
26	1280236GT	MACHINE RH, YOKE Z60E (4WD)	1

201.1 Steer Axle and Steer Linkage , Oscillate Models



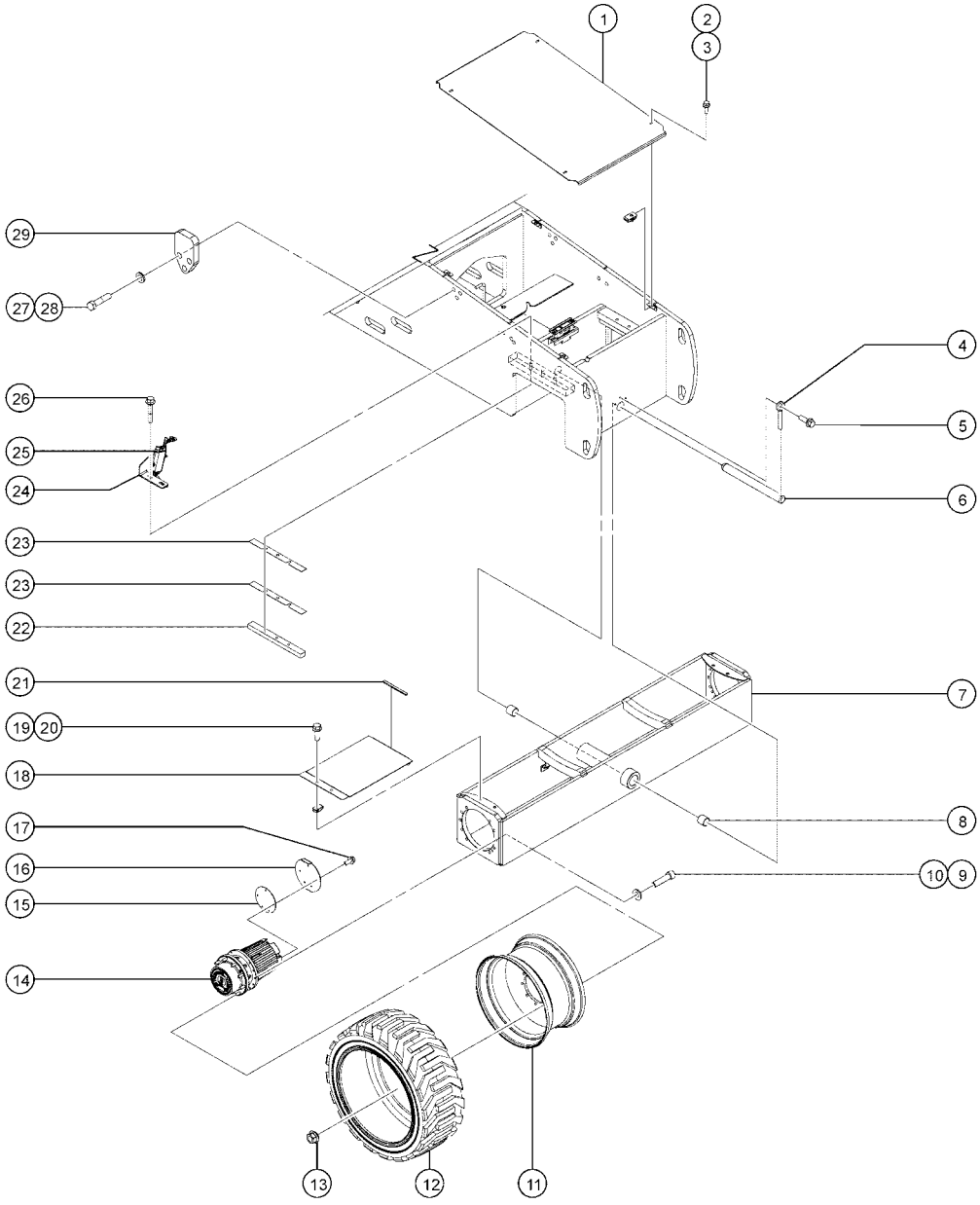
Item	*Part No.*	*Description*	*Qty.*
26-	1280237GT	WELDMENT YOKE, RH Z60E	
27	59460GT	CYLINDER,STEERING***	1
27-	89294GT	SEAL KIT CYLINDER (59460) (for 59460)	
28	1255710GT	WELDMENT, TIE ROD	1
29	47377GT	BEARING,1.25 ID X 1.5 OD X .75	4
30	1267564GT	CYLINDER, OSCILLATE, Z60E	2
30-	89295GT	SEAL KIT,CYLINDER (63189) (for 1267564)	
30-	48912GT	CONN,520120-4-6***	
30-	33549GT	VALVE,COUNTERBAL.CBCH-LJN	2
31	1255452GT	ROD END,.375 X 2.25,ZAG	2
32	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	2
33	824110GT	WASHER, LOCK, 3/8, ZAG	2
34	94221GT	PIN,1.50DIAX3.75LG,1HOLE	2
34A	45071GT	BEARING,1.5IDX1.75ODX1.5L install into chassis	2
35	1280254GT	WELDMENT, PIN, 1.5IN X 3.24IN LG	2
36	824086GT	SCREW,HHF,5/16-18X1,8,ZAG	
37	107578GT	GROUND STRAP,24"LONG	1

202.1 4WD Steer Axle, Wheels and Hubs



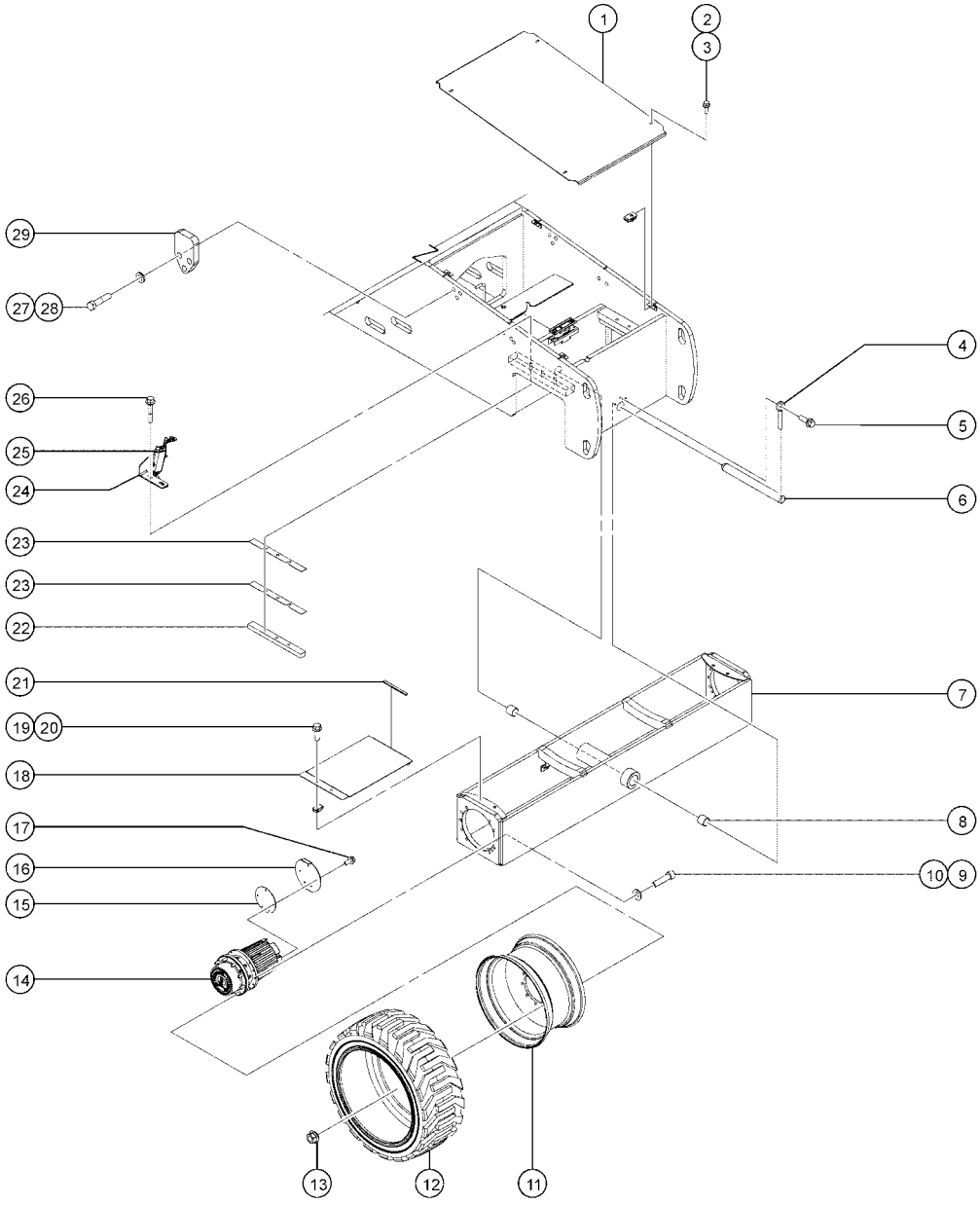
Item	Part No.	Description	Qty.
1	1255703GT	COVER,DRIVE CHASSIS	1
2	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
4	1264510GT	SCREW,SHC,1/2-13X2,A574,ZAG	20
5	825353GT	WASHER,FLAT,1/2,SAE,HRD,ZAG	20
6		Ref. Wheel (refer to 203.1)	2
7		Ref. tires (refer to 203.1)	2
8	77674GT	NUT,HEX,FLANGE 5/8-18,GRD 8 ZI	18
9		Ref: AC Wheel drivemMotor (refer to 203.1)	2
10	1268880GT	FORMING, MOTOR CABLE ROUTING, FRONT	2
11	1268881GT	FORMING, MOTOR CABLE GUIDE, FRONT	2
12	1263511GT	GASKET, MOTOR DRIVE	2
13	1268882GT	PLATE, COVER AC MOTOR, FRONT	2
14	824132GT	SCREW,HHF,M8-1.25X20,DIN6921,10.9,ZAB	10

203.1 Non-steer Axle



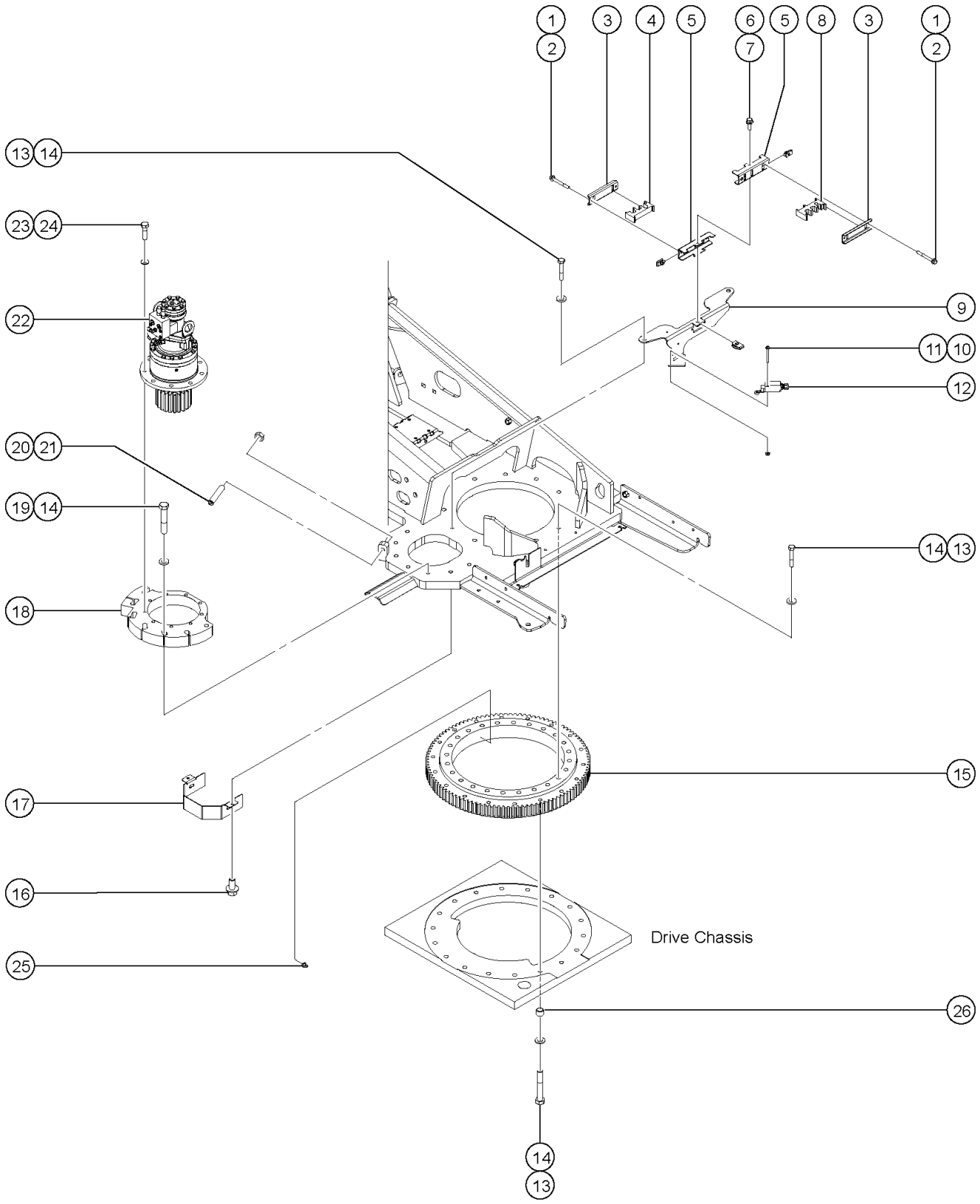
Item	Part No.	Description	Qty.
A	162216GT	TIRE & WHEEL ASSY,FOAM,RH (includes items 11 and 12)	2
B	162217GT	TIRE & WHEEL ASSY,FOAM,LH (includes items 11 and 12)	2
1	1255703GT	COVER,DRIVE CHASSIS	1
2	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
4	1256267GT	ROD END,.5 X 3.75,ZAG	1
5	1253498GT	SCREW,HHF,1/2-13X1.5,8,ZAG	1
6	77950GT	PIN,2.00DIAX20.88LG,CHAMFER	1
7	1280255GT	ASSEMBLY, Z60/37DC REAR AXLE W/BEARINGS	1
8	42014GT	BEARING,2.00IDX2.25ODX2.00L	2
9	1264510GT	SCREW,SHC,1/2-13X2,A574,ZAG	20
10	825353GT	WASHER,FLAT,1/2,SAE,HRD,ZAG	20
11		WHEEL included with item 12	
12A	77790GT	TIRE & WHEEL ASSY, RH, 355/55D625, FF RT, Foam-filled, Low-profile, Right	2
12A	77791GT	TIRE & WHEEL ASSY, LH, 355/55D625, FF RT, Foam-filled, Low-profile, Left	2
12B	106647GT	TIRE & WHEEL ASSY,RH,FOAM,NM RT, Foam-filled, Low-profile, Non-marking, Right	2
12B	106648GT	TIRE & WHEEL ASSY,LH,FOAM,NM RT, Foam-filled, Low-profile, Non-marking, Left	2
12C	228768GT	TIRE/WH ASSY,RH,FF,REPNEU RT, Foam-filled, Oil-based, Right	2
12C	228769GT	TIRE/WH ASSY,LH,FF,REPNEU*** RT, Foam-filled, Oil-based, Left	2
12D	227816GT	TIRE & WHEEL ASSY,RH,FOAM,NM RT, Foam-filled, Oil-based, Non-marking, Right	2
12D	227817GT	TIRE & WHEEL ASSY,LH,FOAM,NM RT, Foam-filled, Oil-based, Non-marking, Left	2
13	77674GT	NUT,HEX,FLANGE 5/8-18,GRD 8 ZI	18
14	226939GT	AC MOTOR GEARBOX Z60E	2
14-	1266213GT	BRAKE, FAIRFIELD (for 226939)	
14-	1266214GT	BRAKE PRESS. PLATE, FAIRFIELD (for 226939)	
14-	1266215GT	MOTOR SHAFT SEAL, FAIRFIELD (for 226939)	
14-	1266216GT	MOTOR TERMINAL STUD, FAIRFIELD (for 226939)	
14-	1266217GT	MOTOR O-RING, FAIRFIELD (for 226939)	

203.1 Non-steer Axle



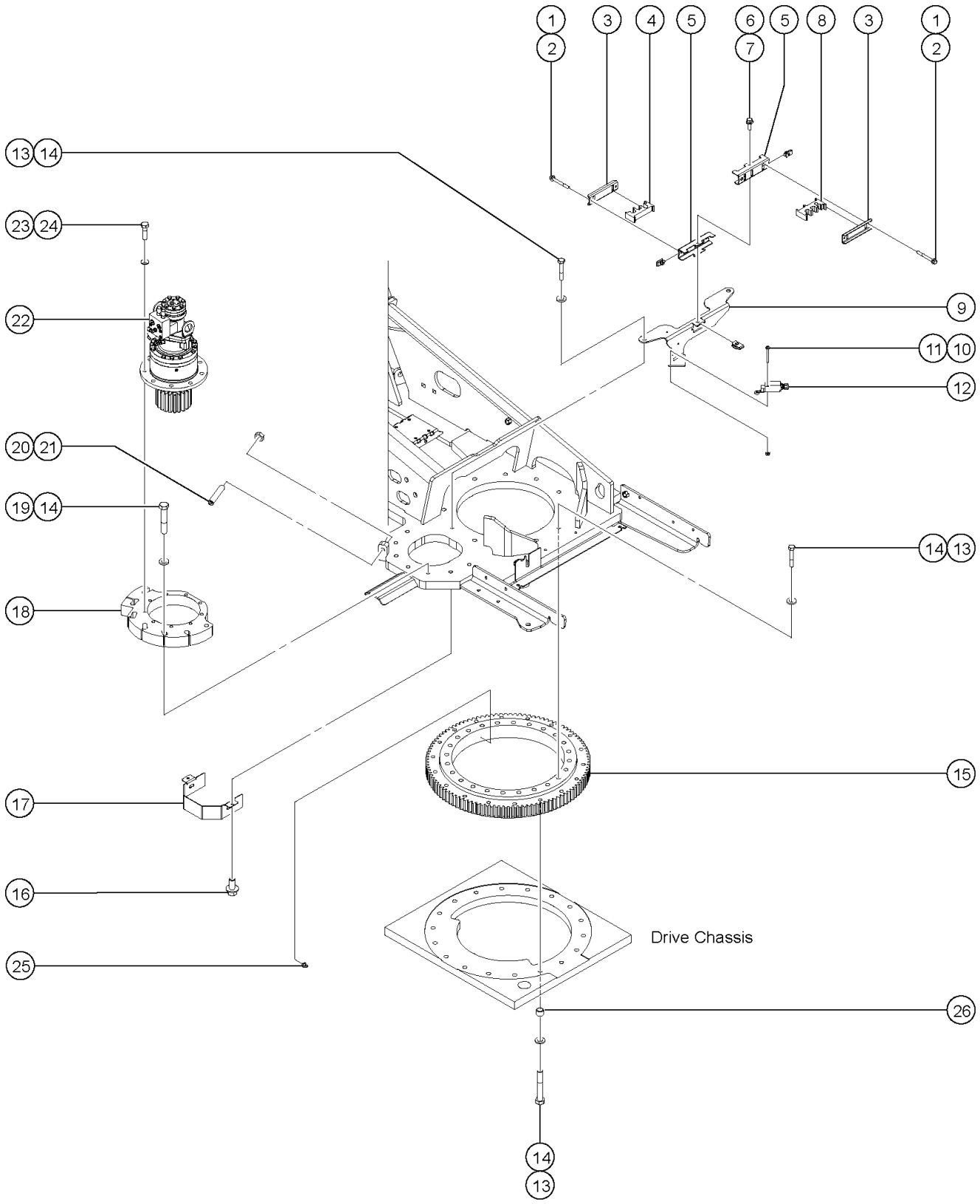
Item	Part No.	Description	Qty.
14-	1272864GT	ENCODER, AC MOTOR GEARBOX Z60E (for 226939)	
14-	1272865GT	COVER KIT, AC MOTOR GEARBOX Z60E (for 226939)	
14-	1272866GT	MAIN SEAL KIT, AC MOTOR GEARBOX Z60E (for 226939)	
14-	1272868GT	INTERMEDIATE CARRIER KIT, AC MOTOR GEARBOX Z60E (for 226939)	
14-	1272869GT	OUTPUT CARRIER KIT, AC MOTOR GEARBOX Z60E (for 226939)	
14-	1272870GT	MAIN BEARING KIT, AC MOTOR GEARBOX Z60E (for 226939)	
14-	1272867GT	INPUT CARRIER KIT, AC MOTOR GEARBOX Z60E (for 226939)	
14-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	
14-	1283314GT	SILICONE PAD, AC MOTOR GEARBOX Z60E	
15	1263511GT	GASKET, MOTOR DRIVE	2
16	1264107GT	FORMING, COVER AC MOTOR RR	2
17	824132GT	SCREW,HHF,M8-1.25X20,DIN6921,10.9,ZAB	10
18	1264103GT	FORMING, REAR AXLE COVER	2
19	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	4
20	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
21	1259930GT	SEAL, RIBBED FOAM, 5.00"	2
22	1310157GT	ASSY, BAR,AXLE ROTATION STOP, TRAFFIC BLACK	2
23A	81610GT	SHIM,AXLE ROTATION STOP,16G (oscillate models)	4
24	1255712GT	BRACKET, OSCILLATE VALVE	1
25		Ref. Oscillate Valve (refer to 702.1)	1
26A	1257862GT	SCREW,HHF,1/2-13X2.75,8,ZAG (oscillate models)	2
27	1257460GT	SCREW,HHC,3/4-10X3.5,8,ZAG	3
28	1256863GT	WASHER,FLAT,.75,F436,HRD,ZAG	3
29	1269210GT	PLATE,SWING ROTATION STOP,Z60E	1
29-	1283009GT	NUT,NYLOCK FLG,3/4-10,F,ZAG Use to mount plate 1269210GT to chassis (not shown)	

301.1 Turntable Rotator



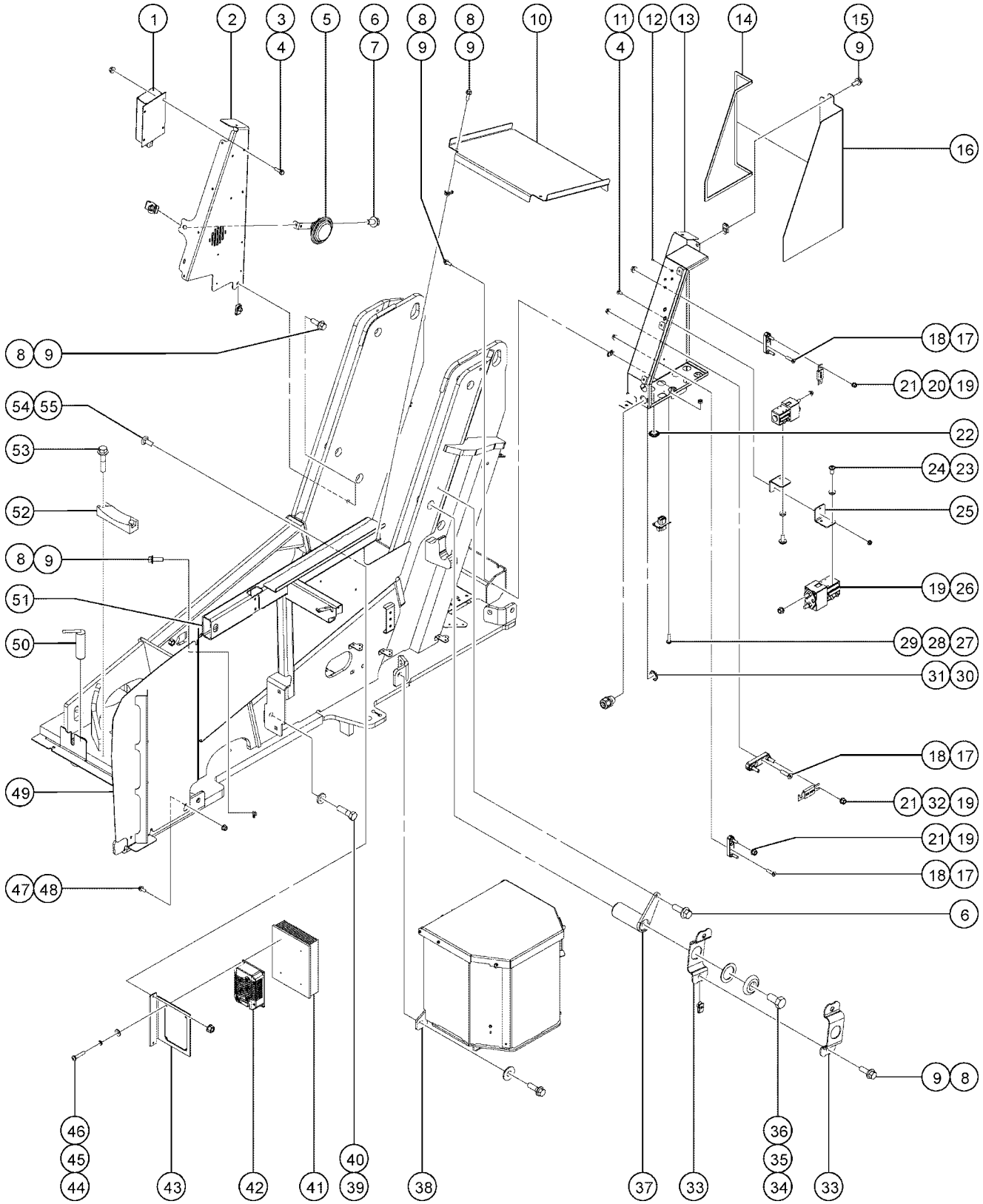
Item	Part No.	Description	Qty.
1	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
2	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
3	1274926GT	FORMING, CABLE CLAMP BACKER	2
4	1274928GT	CLAMP, FRONT MOTOR CABLES	1
5	1274925GT	FORMING, CABLE ATTACH	2
6	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	1
7	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	1
8	1274927GT	CLAMP, REAR MOTOR CABLES	1
9	1264144GT	FORMING, SWING CABLE MT	1
10	824216GT	SCREW, PHPM, 10-32 X 1.5, ZAG	2
11	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	2
12	88356-131M3GT	SWITCH,LIMIT,TAB,BLUE,PLASTIC	1
13	1256170GT	SCREW,HHC,5/8-11X4,8,ZAG To SN Z60M-256	30
13	1263141GT	SCREW,HHC,5/8-11X5.5,8,ZAG From SN Z60M-257	18
14	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	37
15	63468GT	BEARING,TURNTABLE ROTATION	1
16	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	2
17	77879GT	FORMING,PINION GUARD refer to 807.1	1
18	1262605GT	MACHINING, MOUNT, DRIVE, SLEW	1
19	1256169GT	SCREW,HHC,5/8-11X3.5,8,ZAG	7
20	1254718GT	SCREW,SET,HS,5/8-11X3.5,CUP,ZA	1
21	1254728GT	NUT,JAM,5/8-11,A,ZAG	1
22	1255768GT	SWING DRIVE ASSEMBLY	1
22-	1315824GT	BEARING/SEAL KIT (1255768)	
22-	1255769GT	SEAL KIT, SWING BRAKE	
22-	1255770GT	KIT, FRICTION DISC	
22-	1255771GT	KIT, BRAKE SPRING	
22-	1255772GT	KIT, SWING BRAKE REBUILD	

301.1 Turntable Rotator



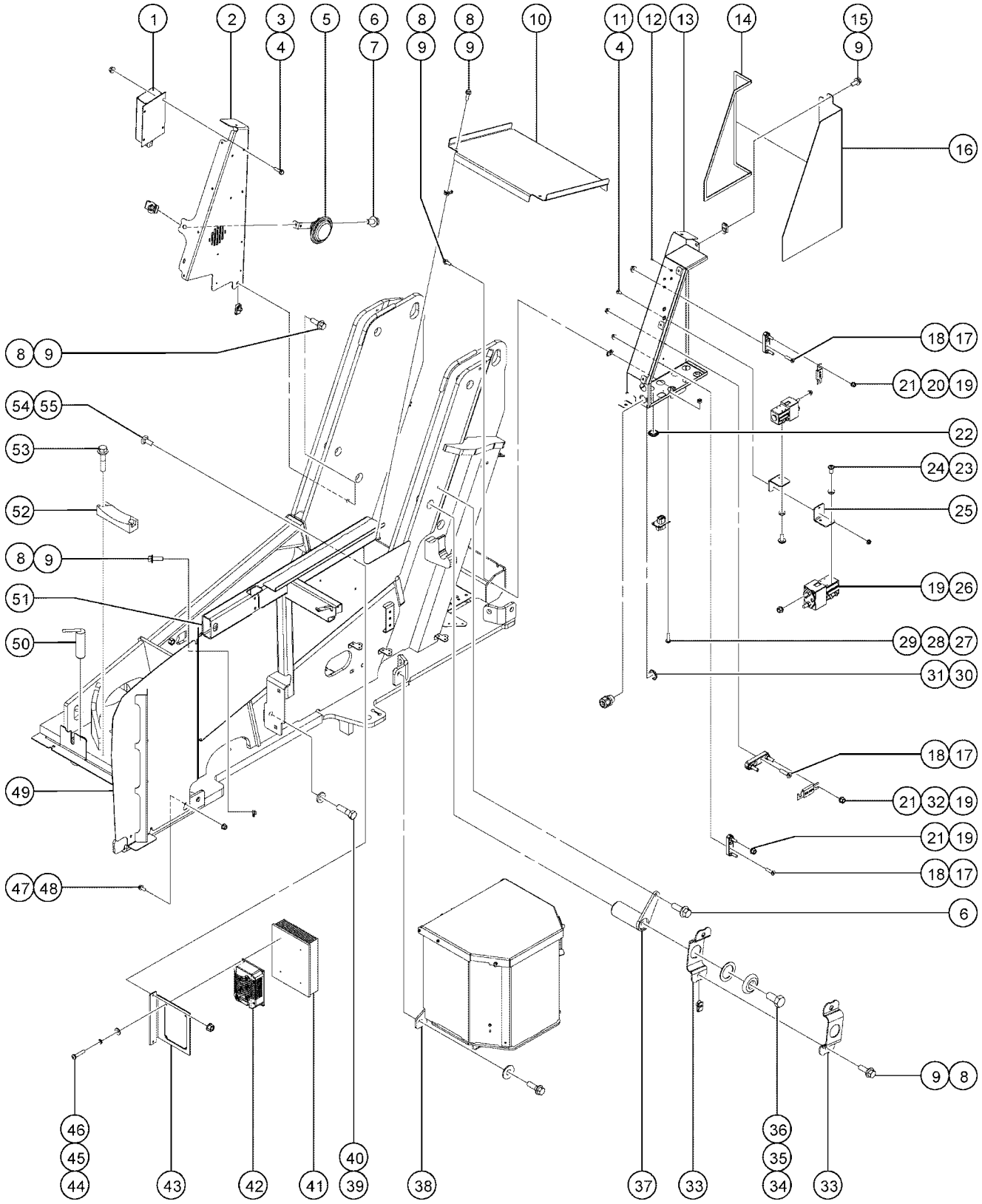
Item	*Part No.*	*Description*	*Qty.*
22-	1255773GT	BRAKE TUBING	
23	1256168GT	SCREW,HHC,1/2-13X1.75,8,ZAG to SN Z60EM-586	9
23B	1264510GT	SCREW,SHC,1/2-13X2,A574,ZAG from SN Z60EM-587	9
24	825353GT	WASHER,FLAT,1/2,SAE,HRD,ZAG	9
25	94643GT	ZERK,GREASE,5/16-24,STRAIT	1
26	1282181GT	SPACER,1.313ODX5/8IDX1.5L	18

302.1 Turntable Center



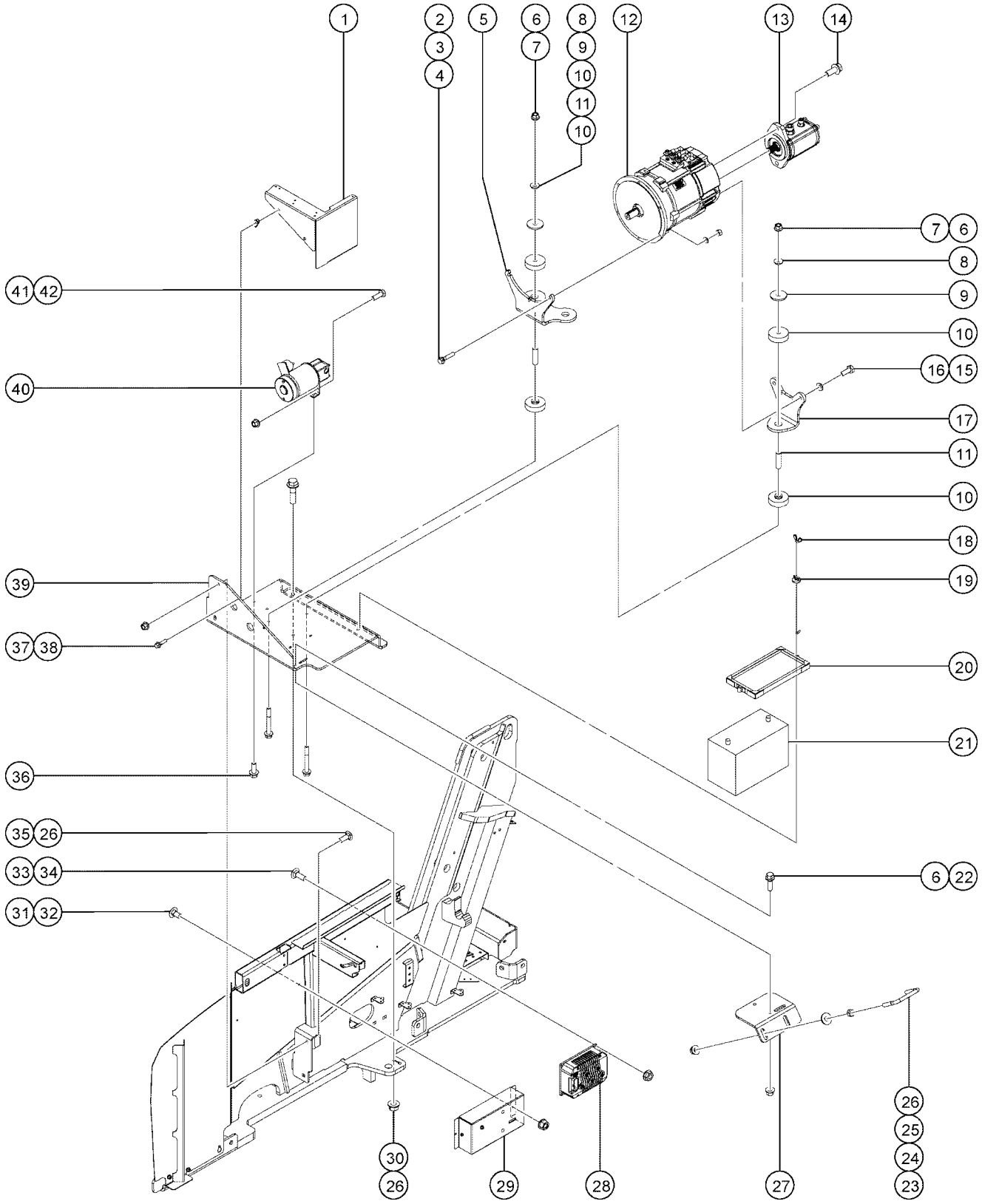
Item	Part No.	Description	Qty.
1	1272910GT	MODULE, CONVERTER, DC-DC, 48/26.5V	1
2	1264033GT	FORMING,BULKHEAD,TANK-SIDE,FR	1
3	1262031GT	SCREW,HHF,10-24X.75,ZAG	4
4	1283004GT	NUT,NYLOCK FLG,10-24,A,ZAG	6
5	81579GT	HORN, 24VDC, SPADE TERMINALS***	1
6	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	5
7	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	1
8	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	22
9	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	22
10	1262916GT	FORMING, COVER, FRONT	1
11	1262031GT	SCREW,HHF,10-24X.75,ZAG	2
12	42781GT	PLUG, NYLON .250 BLACK DOMED	2
13	1266999GT	WELDMENT, FUSE BOX	1
14	1264104GT	GASKET, FUSE BOX	1
15	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	4
16	1264105GT	WELDMENT, FUSE BOX COVER	1
17	824225GT	SCREW,FHPM,10-32X.75,ZAG	6
18	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	6
19	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	9
20	216005GT	FUSE,40 AMP,NON TIME DELAY,ANL	1
21	66717GT	FUSE BLOCK, ANN & ANL FUSE	3
22	1251901GT	PLUG,SANTOPRENE 1.125 BLK DOME	2
23	49818GT	SCREW,PHILLIPS,PHM,10-32 X .38	4
24	6607GT	WASHER,LOCK,#10 PLTD	4
25	1264091GT	FORMING, FUSE BOX CONTACTOR BR	2
26	74267GT	CONTACTOR,DRIVE,24V,180A***	2
27	824214GT	SCREW,PHPM,6-32X.50,ZAG	2
28	1263727GT	HARNESS, FUSE BOX, Z60E	

302.1 Turntable Center



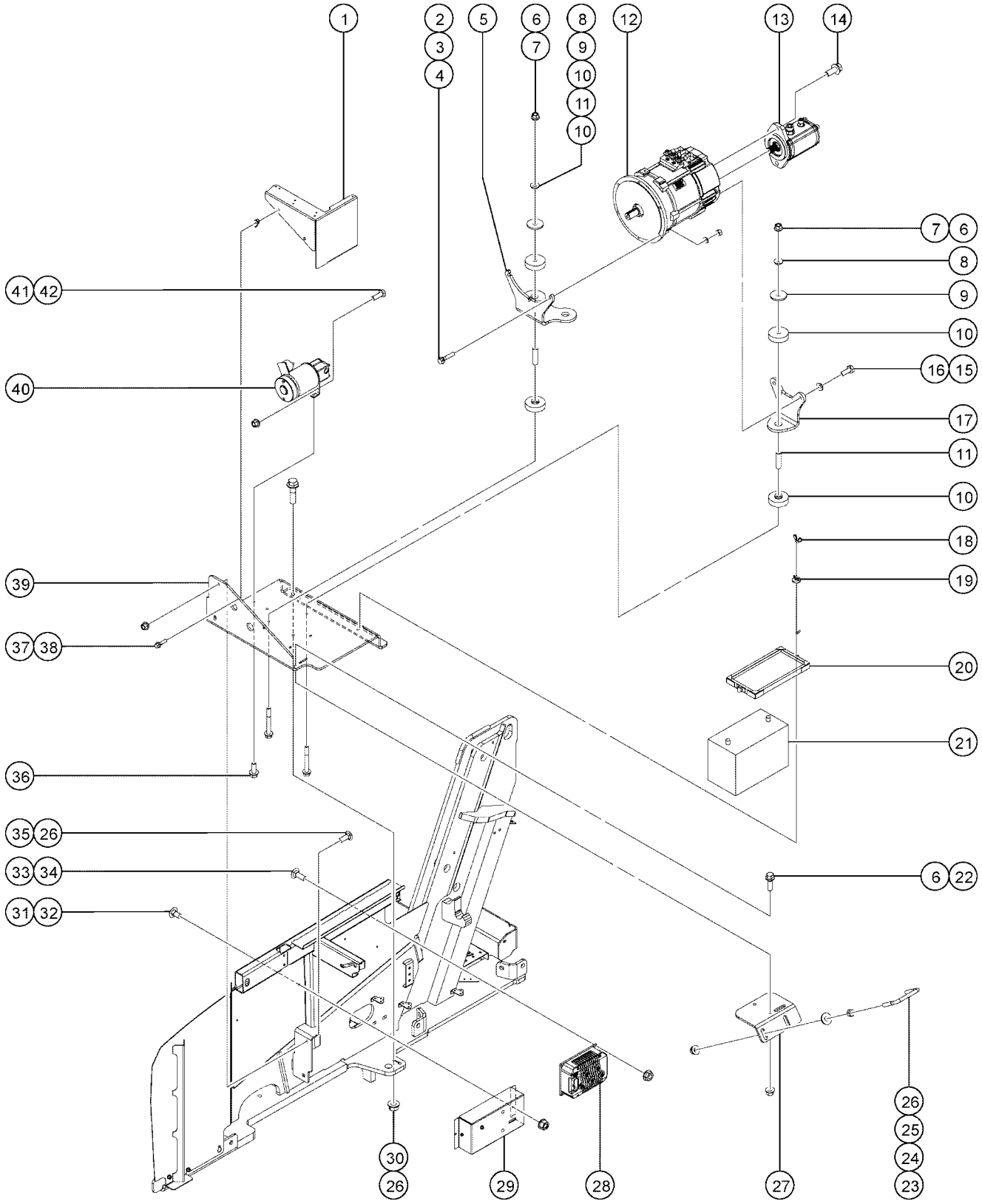
Item	Part No.	Description	Qty.
29	1274164GT	NUT,NYLOCK,6-32,A,ZAG	2
30	680250GT	LOCKNUT, CONDUIT 3/4CSA APPVD	9
31	80341GT	CONNECTOR, SQZ, 3/4 NPT, BLACK	9
32	215488GT	FUSE,325 AMP,VERY FAST ACTING	1
33	1254062GT	CLAMP,GUIDE CABLE	2
34	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	2
35	1254063GT	RETAINER,GUIDE CABLE	2
36	1254060GT	WASHER,UHMW	2
37	1254359GT	WELDMENT,PIN,1.5 DIA.X 3.75LG	4
38		Ref. Battery Box (refer to 310.1)	1
39	1255385GT	SCREW,HHC,5/8-11X2.25,8,ZAG	2
40	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	2
41	1265754GT	HEAT SINK, MOTOR-GENERATOR CONTROLLER FE models only	1
42	1263938GT	MOTOR CTRL, 48V, 3PH, 1234SE	1
43	1267297GT	FORMING, MOTOR-GEN CONTROLLER	1
44	1256460GT	SCREW,PHPM,10-24X1,ZAG	4
45	1256312GT	WASHER,LOCK,#10,ZAG	4
46	1253185GT	WASHER,FLAT,#10,USS,ZAG	4
47	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	3
48	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	3
49	1264342GT	WELDMENT, BULKHEAD, ENGINE-SID	1
50	1264030GT	PIN, WELDMENT, 1.75DIA X 6.0LG	1
51	1264341GT	WELDMENT, BULKHEAD, ENGINE-SID	1
52	1264036GT	PAD, REST, LOWER SECONDARY	1
53	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG	2
54	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	2
55	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2

303.1 Generator Side - DC Models



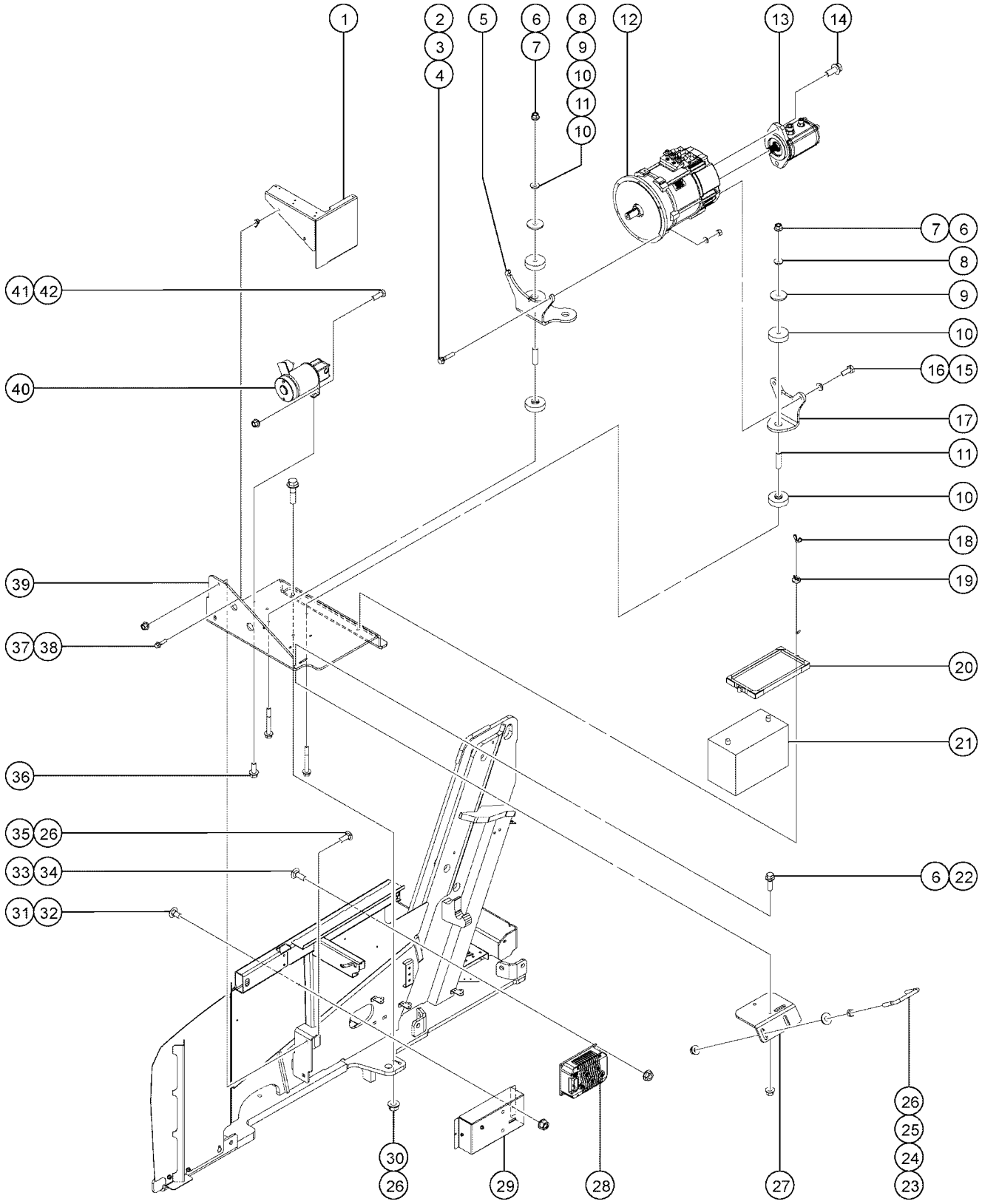
Item	Part No.	Description	Qty.
1	1263777GT	FORMING, GUARD, CABLE MOUNT	1
2	237820GT	SCREW,HHF,M8X40,DIN6921,8.8,YZ	3
3	824144GT	WASHER,FLAT,M8,DIN125,ZAB	3
4	1283022GT	NUT,NYLOCK,M8-1.25,DIN985,10,ZAB	3
5	1263648GT	FORMING, DC GENERATOR MOUNT	1
6	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	5
7	824095GT	SCREW, HHF, 3/8-16 X 3, 8, ZAG	3
8	825358GT	WASHER,FLAT,5/16,USS,ZAG	3
9	824123GT	WASHER,FLAT,.625X2.25X.188,ZAG	3
10	24037GT	SHOCK MOUNT,LARGE**	6
11	139230GT	SPACER, SHOCK MOUNT	3
12	1264100GT	MOTOR, AC, PUMP-GENERATOR	1
12-	1284946GT	BEARING SERVICE KIT (1264100) for 1264100	
12-	1284947GT	ROTOR ASSEMBLY (1264100) for 1264100	
12-	1284948GT	BEARING SERVICE KIT (1264100) for 1264100	
12-	1284949GT	TERMINAL BRACKET SVC KIT (1264100) for 1264100	
12-	1284950GT	TERMINAL BLOCK SERVICE KIT (1264100) for 1264100	
12-	1284951GT	SPEED SENSOR KIT W/PINS (1264100) for 1264100	
12-	1284952GT	CONNECTOR SERVICE KIT (1264100) for 1264100	
12-	1284953GT	PULSE WHEEL SERVICE KIT (1264100) for 1264100	
12-	1284954GT	BOLT KIT W/WASHERS,M8X200 (1264100) for 1264100	
13	1261767GT	PUMP,GEAR,FUNCTION,Z60E	1
13-	1269602GT	SEAL KIT, FUNCTION PUMP, Z60E	
14	1255469GT	SCREW,HHF,1/2-13X1.25,8,ZAG	2
15	824138GT	SCREW, HHC, M10-1.25 X 30, DIN961, 10.9, ZAB	4
16	824145GT	WASHER, FLAT, DIN125, M10, ZAB	4
17	1263649GT	FORMING, REAR ENGINE MOUNT	1
18	8170GT	NUT,WING,1/4-20	2

303.1 Generator Side - DC Models



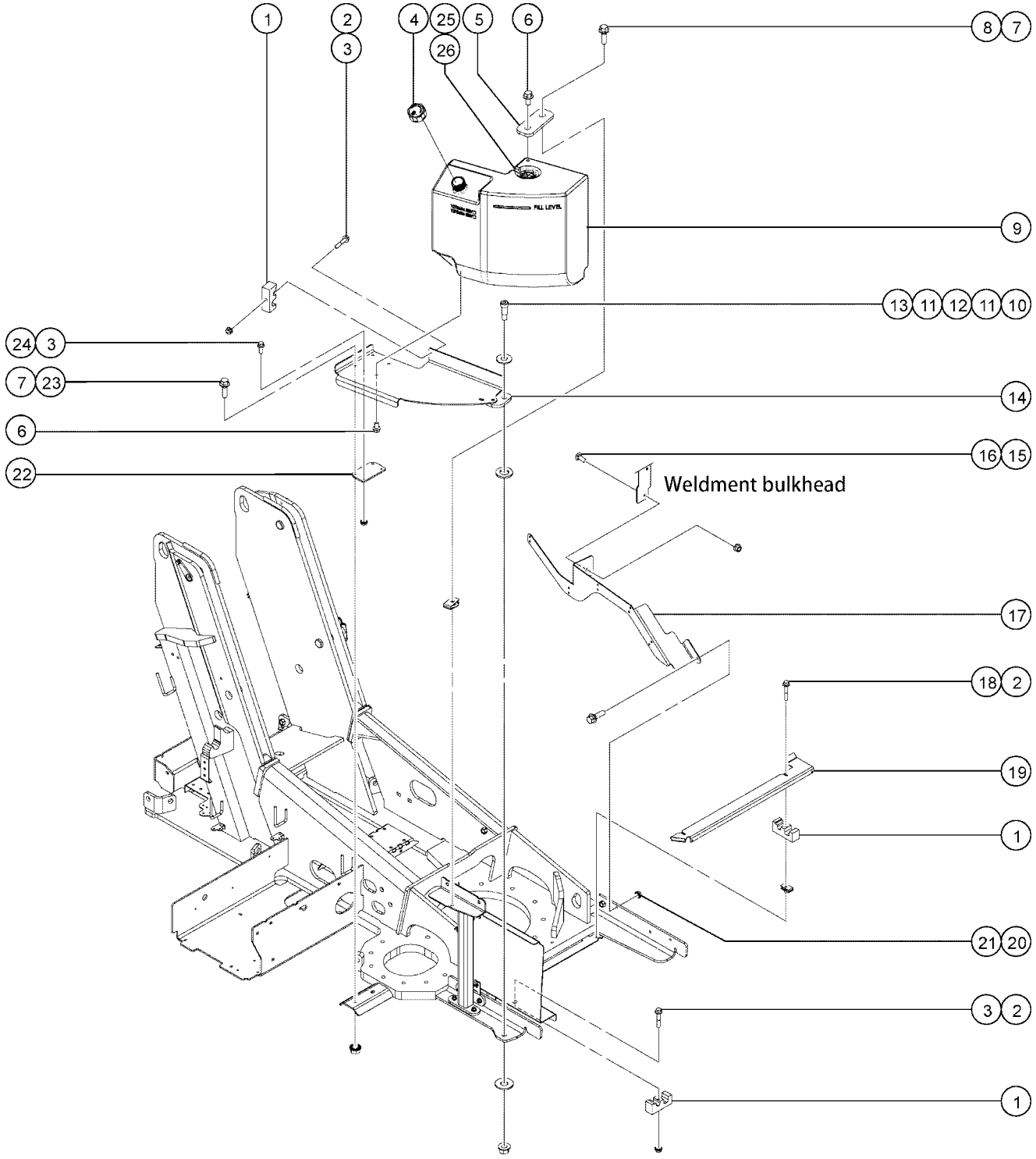
Item	Part No.	Description	Qty.
19	45708GT	HOOK-BATT HOLD DOWN 10"LG	2
20	30144GT	BATTERY HOLD DOWN,GROUP 31	1
21	1303581GT	BATTERY, 12V, 950CCA, FLA	1
22	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2
23	1259855GT	UBOLT, 0.4724 IN D X 4.0 IN L	1
24	1255804GT	NUT,JAM,1/2-13,A,ZAG	2
25	1255760GT	WASHER,FLAT,1/2,USS,ZAG	2
26	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	6
27	1263651GT	FORMING,ENG. SIDE,STRIKER MOUNTING BRACKET	1
28	1263938GT	MOTOR CTRL, 48V, 3PH, 1234SE refer to 302.1 for FE models	1
29	1267298GT	ASSY, 12V CHARGER BOX (includes items 31,32)	1
29-	1267395GT	CHARGER, BATTERY 12V/5.5A UNGR	1
29-	147089GT	CIRCUIT BREAKER, 10A	1
29-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	1
29-	34053GT	ASSY,RELAY SOCKET,AUTO***	1
29-	1267300GT	FORMING, 12V CHARGER BOX	1
29-	1267299GT	FORMING, 12V CHARGER CLAMP	1
29-	87755GT	CONN, RECEP, 8 WAY, DEUTSCH, DT, GRAY/FLANGE	1
29-	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
30	1256172GT	SCREW,HHF,1/2-13X 2,8,ZAG	2
31	1256462GT	BOLT,CARRIAGE,1/4-20X.5,5,ZAG	2
32	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
33	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	4
34	1256679GT	NUT,SERRATED,1/4-20,8,ZAG	4
35	1256179GT	BOLT,CARRIAGE,1/2-13X1.5,5,ZAG	2
36	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	2
37	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	4
38	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4

303.1 Generator Side - DC Models



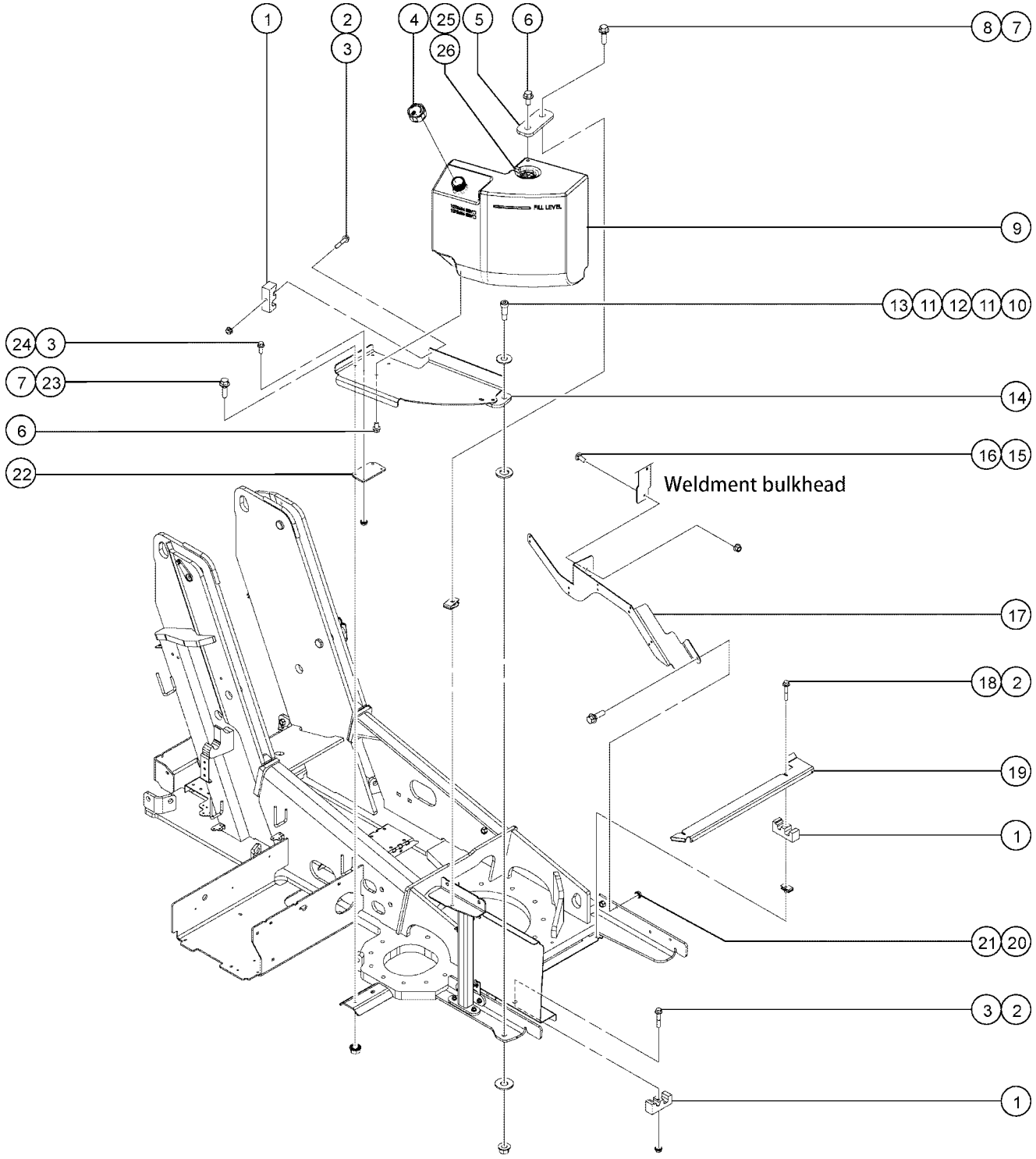
Item	*Part No.*	*Description*	*Qty.*
39	1263647GT	FORMING, DC MOTOR MOUNT	1
40	89617GT	POWER UNIT,AUX PUMP 12VDC	1
41	13002GT	SCREW,HHC,5/16-18 X 1 GR5	1
42	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	1

304.1 Tank Side - FE Hybrid Models (Bi-Energy)



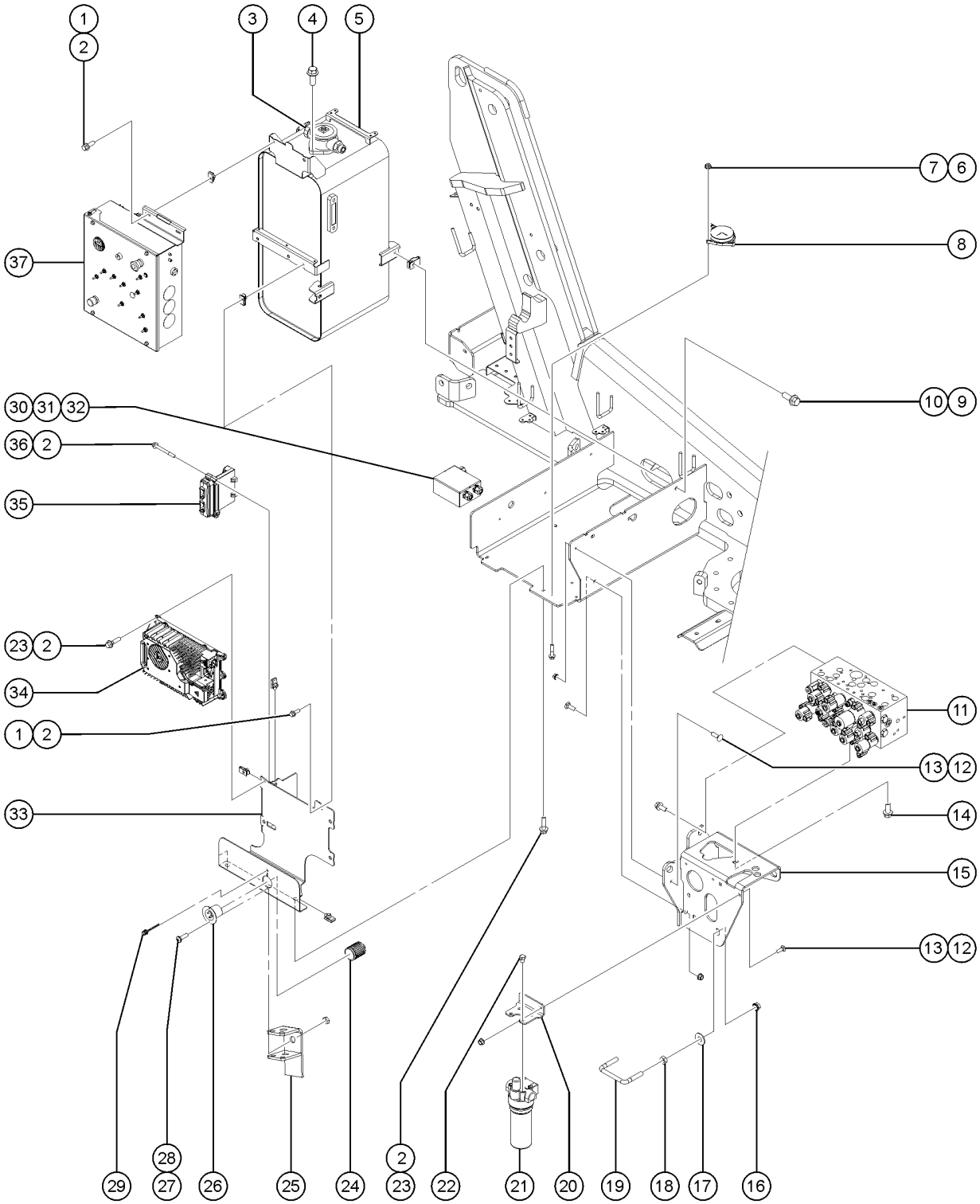
Item	Part No.	Description	Qty.
1	1266321GT	CLAMP, PLASTIC, FUEL LINES	4
2	824081GT	SCREW,HHF,1/4-20X1.5,8,ZAG	4
3	1256679GT	NUT,SERRATED,1/4-20,8,ZAG	4
4	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) no longer available, (replaced by 1316635)	1
4B	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1
5	1264296GT	PLATE, FUEL TANK TOP BRKT	1
6	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	3
7	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	3
8	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	1
8-	1271773GT	GASKET, TANK, FUEL SENSOR	1
8-	1251757GT	SCREW,PHPM,10-32X.50,ZAG	5
9	1273654GT	ASSEMBLY,FUEL TANK,17 GAL, PLASTIC (for models with fuel sense option) (includes 54324GT)	
10	217234GT	SCREW,SHS,3/4X1.25X5/8-11,ZAG	1
11	1255761GT	WASHER,FLAT,3/4,USS,HRD,ZAG	2
12	36212GT	WASHER,THRUST,.75 X 1.38X.13	1
13	1283007GT	NUT,NYLOCK FLG,5/8-11,F,ZAG	1
14	1263251GT	WELDMENT, TRAY, FUEL	1
15	1256179GT	BOLT,CARRIAGE,1/2-13X1.5,5,ZAG	1
16	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	1
17	1267808GT	SPRING,TENSION-1.25 X.438 DIA	1
18	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
19	1263915GT	FORMING, COVER, FUEL LINES	1
20	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	1
21	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	1
22	1263256GT	PAD, REST, FUEL TRAY	1
23	1257628GT	NUT,SERRATED,3/8-16,ZAG	2
24	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
25	1271770GT	SENSOR, FUEL LEVEL, 30" DIESEL	1

304.1 Tank Side - FE Hybrid Models (Bi-Energy)



Item	*Part No.*	*Description*	*Qty.*
26	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	5

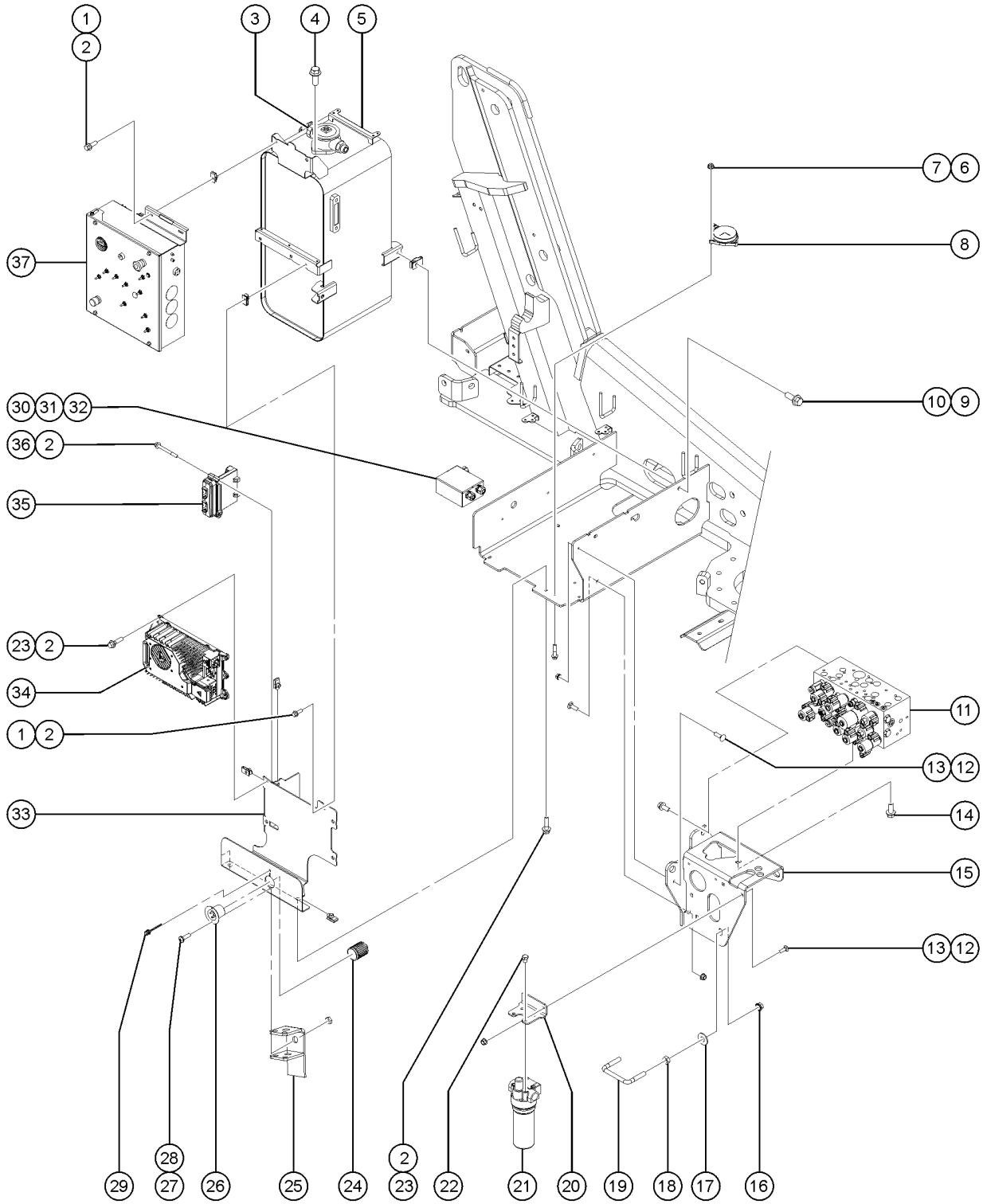
305.1 Ground Control Side, View 1



305.1 Ground Control Side, View 1

Item	Part No.	Description	Qty.
A	1273336GT	POWER CORD, AC 2M 16AWG IP66 320	1
B	1289561GT	BRACKET, TELEMATICS	
B	1289521GT	MODULE, TELEMATICS, ZTR, M7, EMEA/APAC	
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	6
2	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	14
3A	110345GT	FILTER ASSY,INTANK includes item 3B	1
3A-	147223GT	SEAL,FILTER LID	
3B	77353GT	KIT,ELEMENT**	
3B-	94526GT	GASKET,RETURN FILTER-77353	
3B-	77354GT	FILTER LID,RFM165	
3B-	77365GT	BREATHER CAP,RFM165	
3B-	88917GT	FILTER,ELEMENT,BETA(10)=200	
4	1256834GT	SCREW,SHC,M8-1.25X35,12.9,ZAB	2
5A	1262670GT	ASSEMBLY, TANK, HYDRAULIC, 18 (includes 101490 and 215229)	1
5B	1262671GT	TANK, HYDRAULIC, 18 GALLON	1
5C	215229GT	GAUGE,HYDRAULIC TANK T/L VL	
5D	147419GT	KIT,STRAINER REPLACEMENT	
5E	48996GT	VALVE, BALL, 16 MSAE-16 FSAE	
5F	48984GT	CONN, 520120-16	
5G	48977GT	CONN,520120-12-16	
6	1256679GT	NUT,SERRATED,1/4-20,8,ZAG	3
7	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	3
8	823368GT	SENSOR,LEVEL,UNIVERSAL	1
9	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	3
10	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	3
11		Ref. Function Manifold (refer to 701.1)	1
12	1255757GT	BOLT,CARRIAGE,3/8-16X1.25,5,ZAG	5
13	1257628GT	NUT,SERRATED,3/8-16,ZAG	5

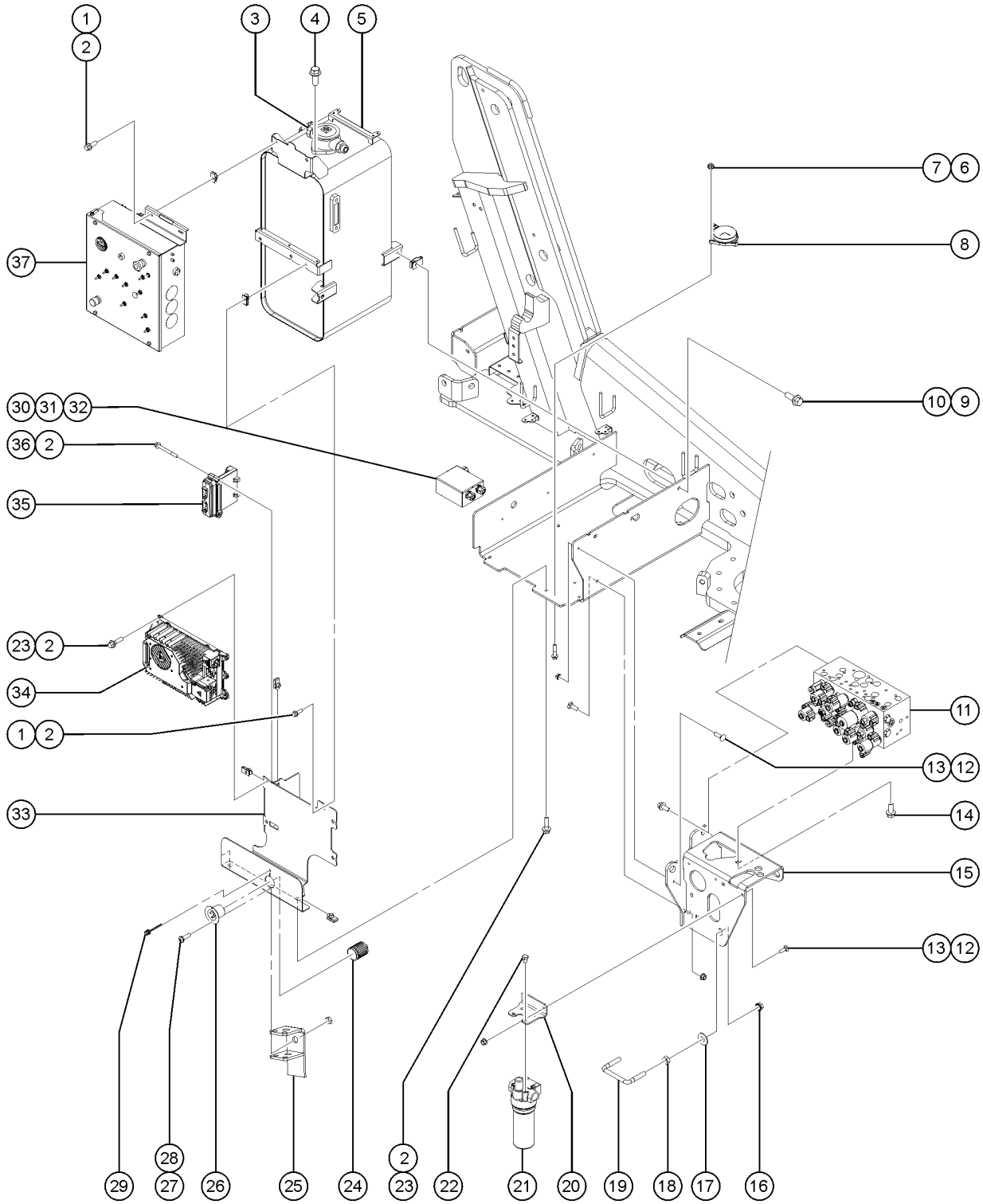
305.1 Ground Control Side, View 1



305.1 Ground Control Side, View 1

Item	Part No.	Description	Qty.
14	1255469GT	SCREW,HHF,1/2-13X1.25,8,ZAG	2
15	1263916GT	WELDMENT,BRACKET,HYDRAULIC FUN	1
16	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
17	1255760GT	WASHER,FLAT,1/2,USS,ZAG	2
18	1255804GT	NUT,JAM,1/2-13,A,ZAG	2
19	1259855GT	UBOLT, 0.4724 IN D X 4.0 IN L	1
20	1263919GT	FORMING, BRACKET, HIGH PRESSUR	1
21	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
21-	58222GT	O-RING,FILTER ASSY (60334)***	
21-	58223GT	SEAL,FILTER ASSY (60334)***	
21-	58380GT	FILTER INDICATOR-(60334)	
21-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
22	1263699GT	SCREW,HHC,3/8-16X.5,8,ZAG	4
23	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	6
24	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
25	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
26A	1275458GT	CHARGER PLUG 16 AMP 230V for CE model	1
26B	1284028GT	PLUG, WALL, CEE, 3PIN,16 AMP, 110V, YL for UK model	1
27	826516GT	SCREW, PHPM, 10-32 X 1.0, ZAG	4
28	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	4
29	1270281GT	ASSEMBLY, CHARGER STATUS LED, 2V, BCI	1
30	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	1
31	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	1
32	1293568GT	ASSEMBLY, CHARGER BOX C.E. (for DC model only)	1
33	1262420GT	FORMING, PANEL, CHARGE PORT	1
34	1266528GT	CHARGER 48V/25A CAN BUS	1
35	1269369GT	ASSEMBLY, CONTROLLER TCON, Z60	1
36	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	2

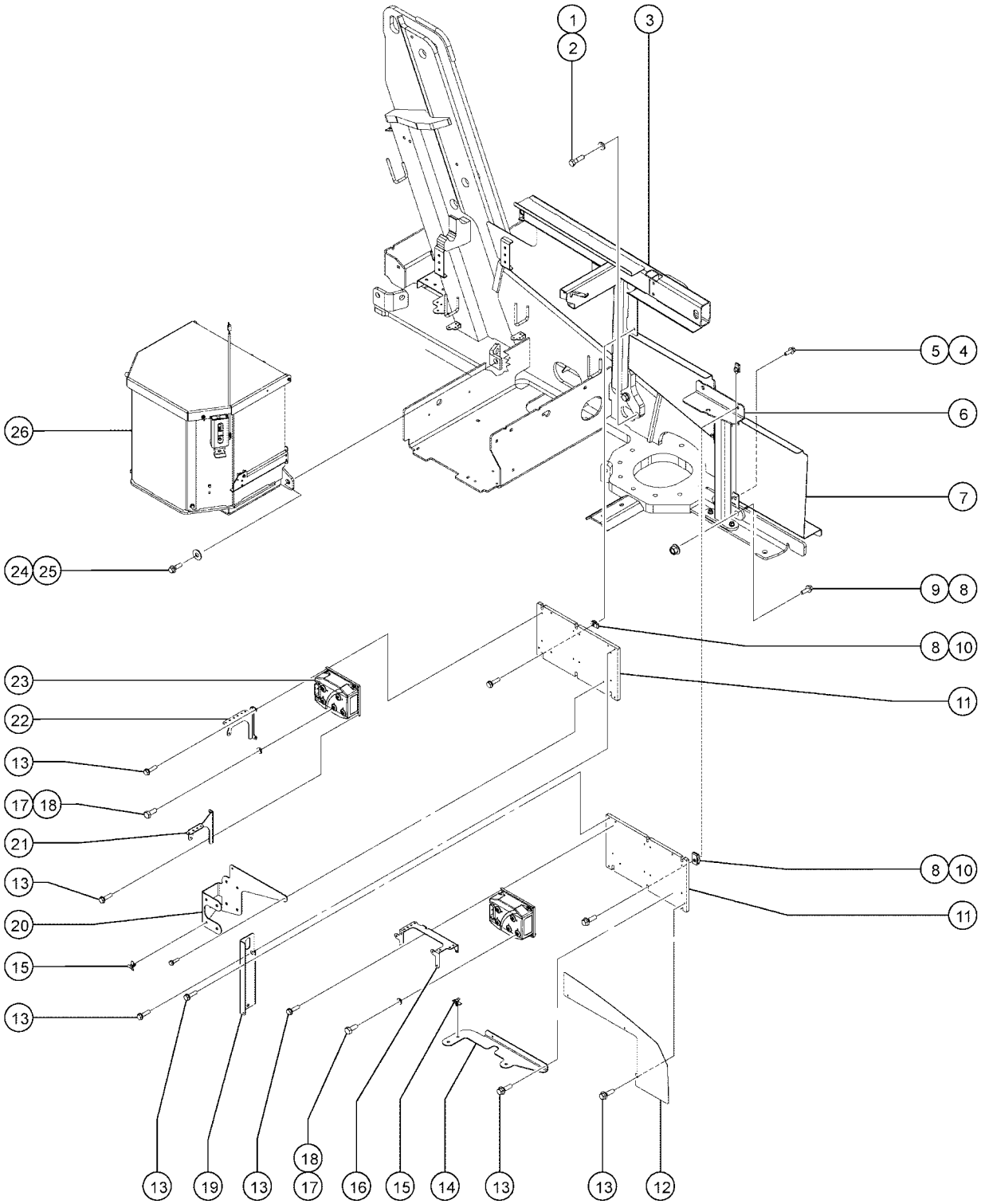
305.1 Ground Control Side, View 1



305.1 Ground Control Side, View 1

Item	*Part No.*	*Description*	*Qty.*
37		Ref. Ground Control Box (refer to 307.1 and 308.1)	1

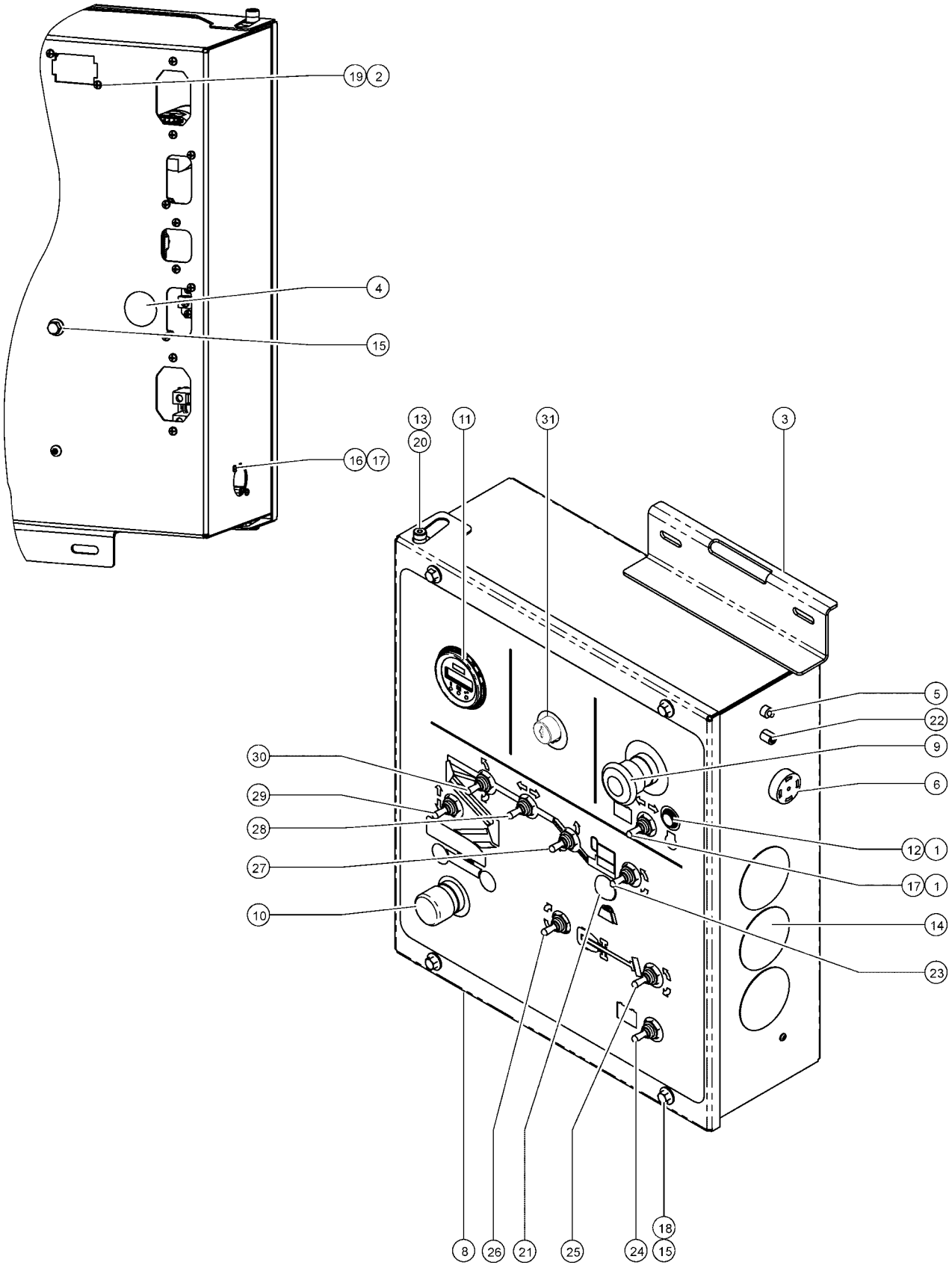
306.1 Ground Control Side, View 2



306.1 Ground Control Side, View 2

Item	Part No.	Description	Qty.
1	1255385GT	SCREW,HHC,5/8-11X2.25,8,ZAG	2
2	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	2
3	1264188GT	WELDMENT, BULKHEAD, TANK-SIDE	1
4	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	6
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	7
6	1264199GT	WELDMENT, BULKHEAD, REAR TANK-	1
7	1264203GT	FORMING, BULKHEAD, REAR TANK-S	1
8	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	12
9	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4
10	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	14
11	1264217GT	MACHINING, MOUNT, TRACTION CON	2
12	1264219GT	BULKHEAD, TRACTION CONTROLLERS	1
13	1262031GT	SCREW,HHF,10-24X.75,ZAG	27
14	1268463GT	FORMING, SECONDARY MOTOR CABLE	1
15	105214GT	CABLE TIE MOUNT, WINGED	12
16	1266206GT	FORMING, LEFT REAR, CONTROLLER	1
17	1256449GT	SCREW,HHC,M6-1.0X16,DIN933,10.9,ZAB	20
18	1256457GT	WASHER,LOCK, M6,ZAB	20
19	1264218GT	FORMING, BRACKET, CONNECTOR, T	1
20	1268462GT	FORMING, PRIMARY MOTOR CABLES	1
21	1266207GT	FORMING, RIGHT REAR, CONTROLLE	1
22	1266208GT	FORMING, RIGHT REAR, CONTROLLE	1
23	1263937GT	MOTOR CTRL, 48-80V, 3PH, 1232E	4
24	1256126GT	SCREW,HHF,5/8-11X2,8,ZAG	2
25	1255761GT	WASHER,FLAT,3/4,USS,HRD,ZAG	2
26		Ref. BATTERY BOX ASSEMBLY (refer to Figure 310.1)	

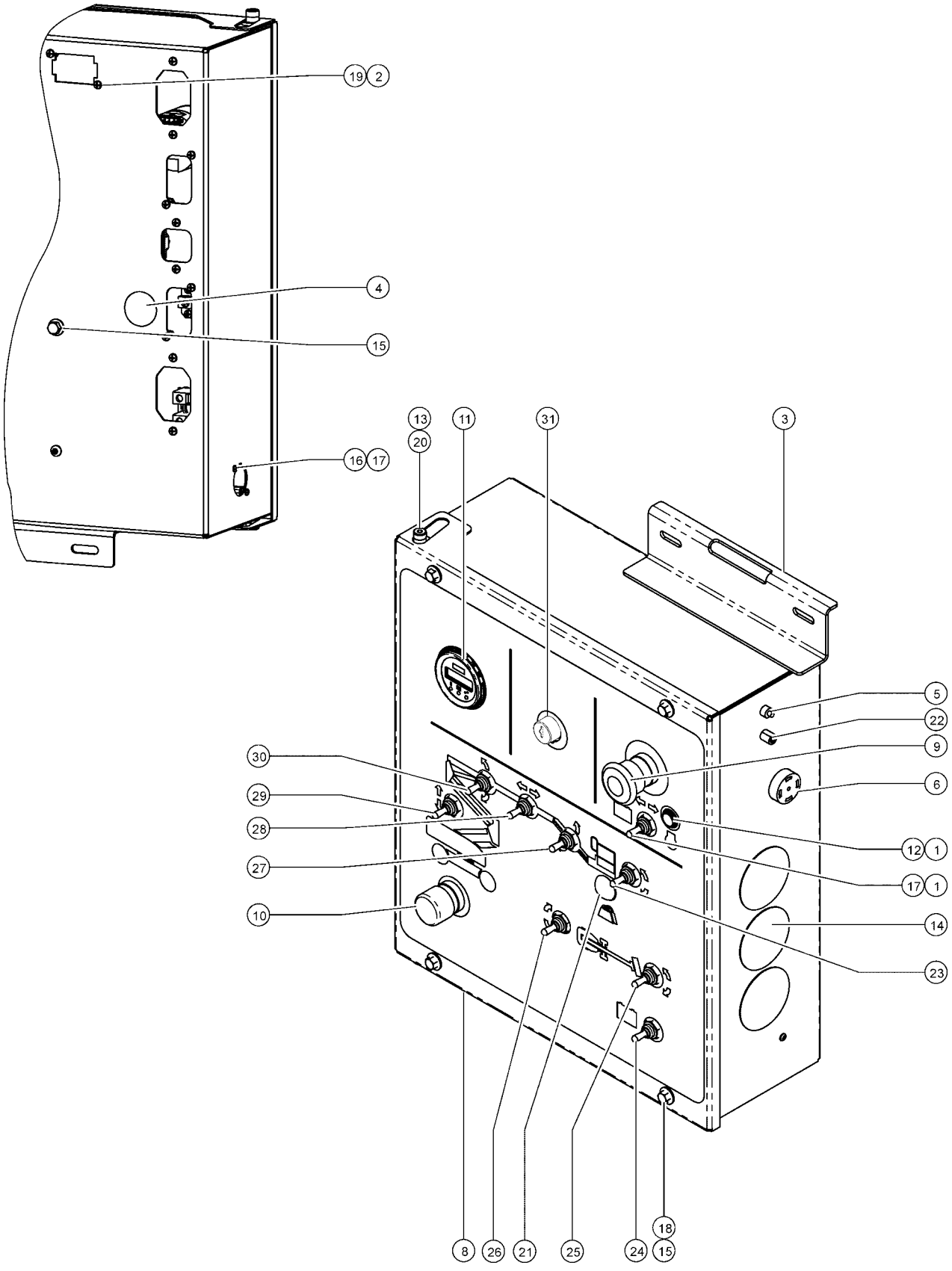
307.1 Ground Control Box, View 1, External



307.1 Ground Control Box, View 1, External

Item	Part No.	Description	Qty.
A	1293774GT	ASSEMBLY, GROUND CONTROL BOX Z FE CE models	1
B	1293773GT	ASSEMBLY, GROUND CONTROL BOX DC CE models	1
1	229567GT	PLUG,SANTOPRENE .5 BLACK DOME C models	
2	12344GT	NUT,NYLOCK,6-32	8
3	1293772GT	WELDMENT, GBOX, Z60/37	1
4	15243GT	PLUG,NYLON .875 BLACK DOMED	1
5	38020GT	CIRCUIT BREAKER, 15 AMP use until exhausted, Replaced by 1277226	1
5B	1277226GT	ASSEMBLY,CIRCUIT BREAKER,15AMP	1
6	39540GT	ALARM, STEADY TONE***	1
7	1283012GT	NUT,NYLOCK,4-40,2,ZAG	2
8	1270485GT	BUTTON,PUSH,BLACK W/SEAL***	1
9	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
10	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
11	1266153GT	DISPLAY, 8 CHAR, 24V, CAN LCD display	1
12	1263969GT	ASSY, LIGHT, INDICATOR, AMBER 24V H-BRI hybrid mode light, FE model	2
13	1257410GT	BOLT,SHS,5/16X.375X1/4-20,ZAG	2
14	81900GT	PLUG,NYLON 2.093 BLACK DOMED	3
15	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	4
16	1253477GT	SCREW,PHPM,4-40X.5,ZAG	2
17	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM machine mode select switch, FE models	1
18	995750GT	WASHER FLAT BONDEDRUB	4
19	824214GT	SCREW,PHPM,6-32X.50,ZAG	12
20	218449GT	WASHER,SHOULDER,NYLON	2
21	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
22	147090GT	CIRCUIT BREAKER, 15A	1
23	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM platform level	1
24	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM emergency power	1
25	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM platform rotate	1

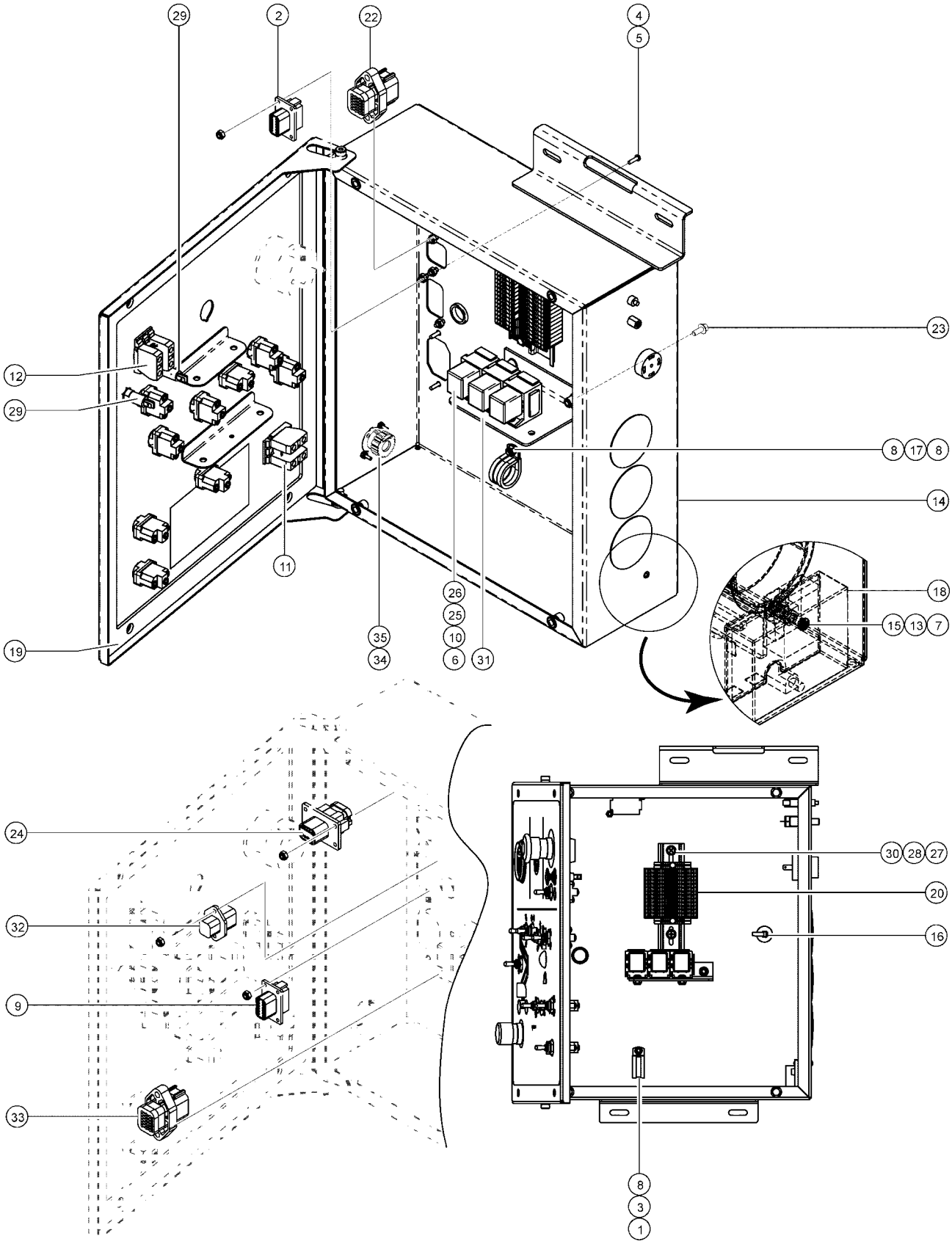
307.1 Ground Control Box, View 1, External



307.1 Ground Control Box, View 1, External

Item	Part No.	Description	Qty.
26	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM turntable rotate	1
27	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM jib boom up/down	1
28	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM primary boom extend/retract	1
29	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM secondary boom up/down	1
30	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM primary boom up/down	1
31A	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	1
31B	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING	1

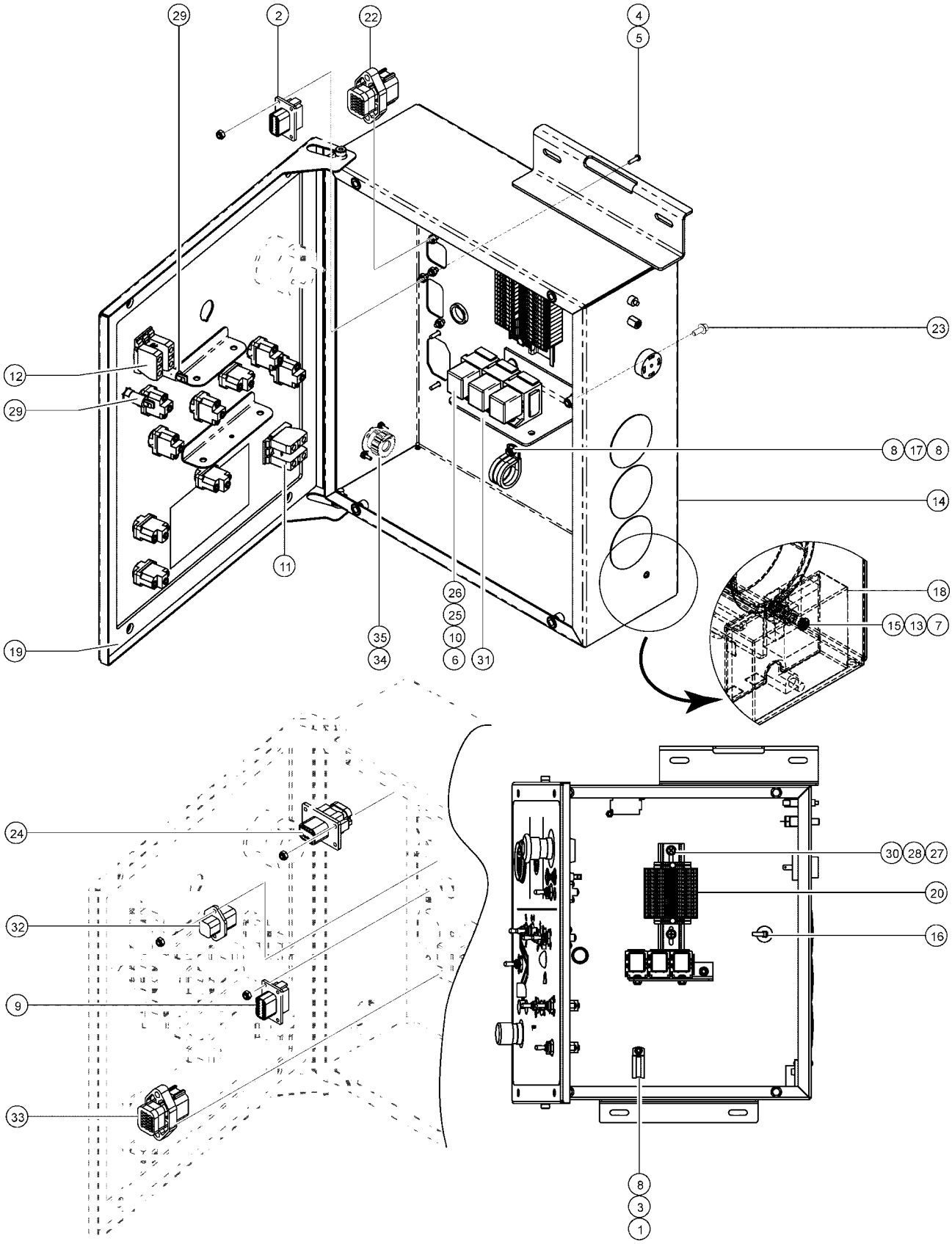
308.1 Ground Control Box, View 2, Internal



308.1 Ground Control Box, View 2, Internal

Item	Part No.	Description	Qty.
A	1266124GT	ASSEMBLY, Z60/37 GBOX RELAYS (includes items 12-16)	1
1	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	1
2	73730GT	CONN, RECEP, 12 WAY, DEUTSCH, DT, GRAY/FLANGE	1
3	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
4	824214GT	SCREW,PHPM,6-32X.50,ZAG	14
5	12344GT	NUT,NYLOCK,6-32	10
6	34053GT	ASSY,RELAY SOCKET,AUTO***	3
7	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
8	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	1
9	73733GT	CONN, RECEP, 12 WAY, DEUTSCH, DT, BLACK/FLANGE	1
10	56302GT	RELAY,24VDC,40/30A,SEALED***	4
11	66814GT	BASE,WITH 2 N.O. CONTACTS***	1
12	73805GT	BASE,W/2 NC CONTACTS***	1
13	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	1
14		Ref. WELDMENT,GND CONTROL BOX (refer to 307.1)	1
15	88287GT	STANDOFF,6-32 X 1/2L X 1/4 HEX	1
16	110149GT	CABLE TIE,DFT MOUNT,BLK,6.5"	1
17	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
18	147253GT	TIME DELAY RELAY,2 SEC,24VDC	1
19	218090GT	GASKET, GROUND CONTROL BOX	1
20	1265850GT	ASSEMBLY,TERMINAL RAIL, Z60/37	1
20-	46036GT	DIN RAIL, 5.63"	
20-	74913GT	END STOP, DIN RAIL,SCREW CLAMP	
20-	74917GT	JUMPER COMB, 2-WAY,WIELAND	
20-	216791GT	TERMINAL BLOCK,WIELAND	
20-	216793GT	TERMINAL BLOCK END PLATE	
21	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	1
22	1265862GT	CONN, RECEP, 18 WAY, DEUTSCH, DTV, GRAY/FLANGE	1

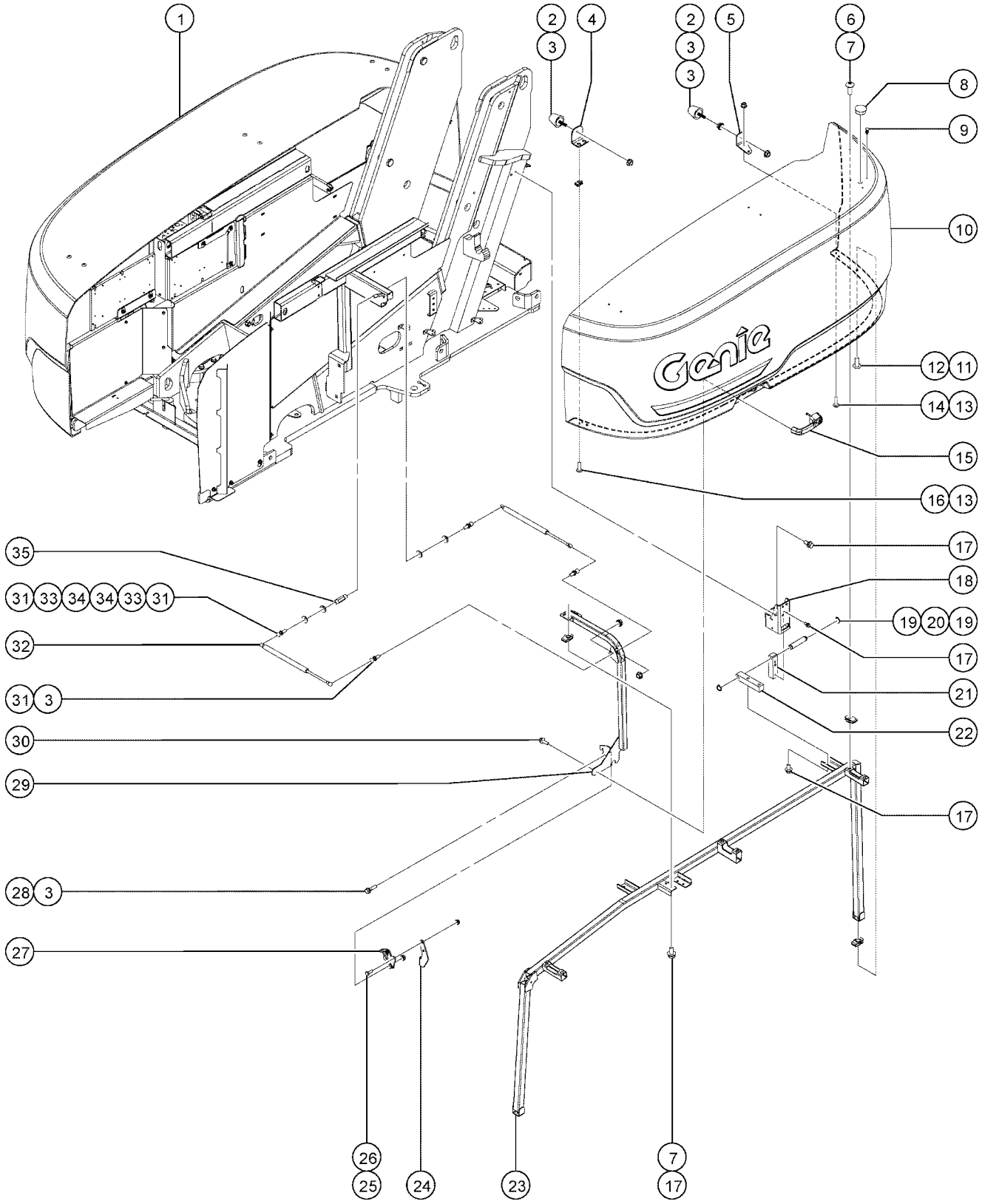
308.1 Ground Control Box, View 2, Internal



308.1 Ground Control Box, View 2, Internal

Item	Part No.	Description	Qty.
23	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	2
24	1289901GT	HARNESS, GATEWAY, PLUS1	1
25	825349GT	SCREW,PHPM,10-32X.38,ZAG	2
26	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	2
27	1251757GT	SCREW,PHPM,10-32X.50,ZAG	2
28	1253185GT	WASHER,FLAT,#10,USS,ZAG	2
29	1263969GT	ASSY, LIGHT, INDICATOR, AMBER 24V H-BRI FE models	2
30	T107521GT	NUTSERT,LP KNURLED,10-32X.130	2
31	54534GT	ASSY,ANGLE,RELAY MNT,W/NUTSERTS	1
32	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
33	226948GT	CONN, RECEP, 18 WAY, DEUTSCH, DTV, BLACK/FLANGE	1
34	1272123GT	DUST CAP, RECEPTACLE, 5 WAY, CIRCULAR	1
35	1272122GT	CONN, RECEP, 5 WAY, DEUTSCH, HD10	1

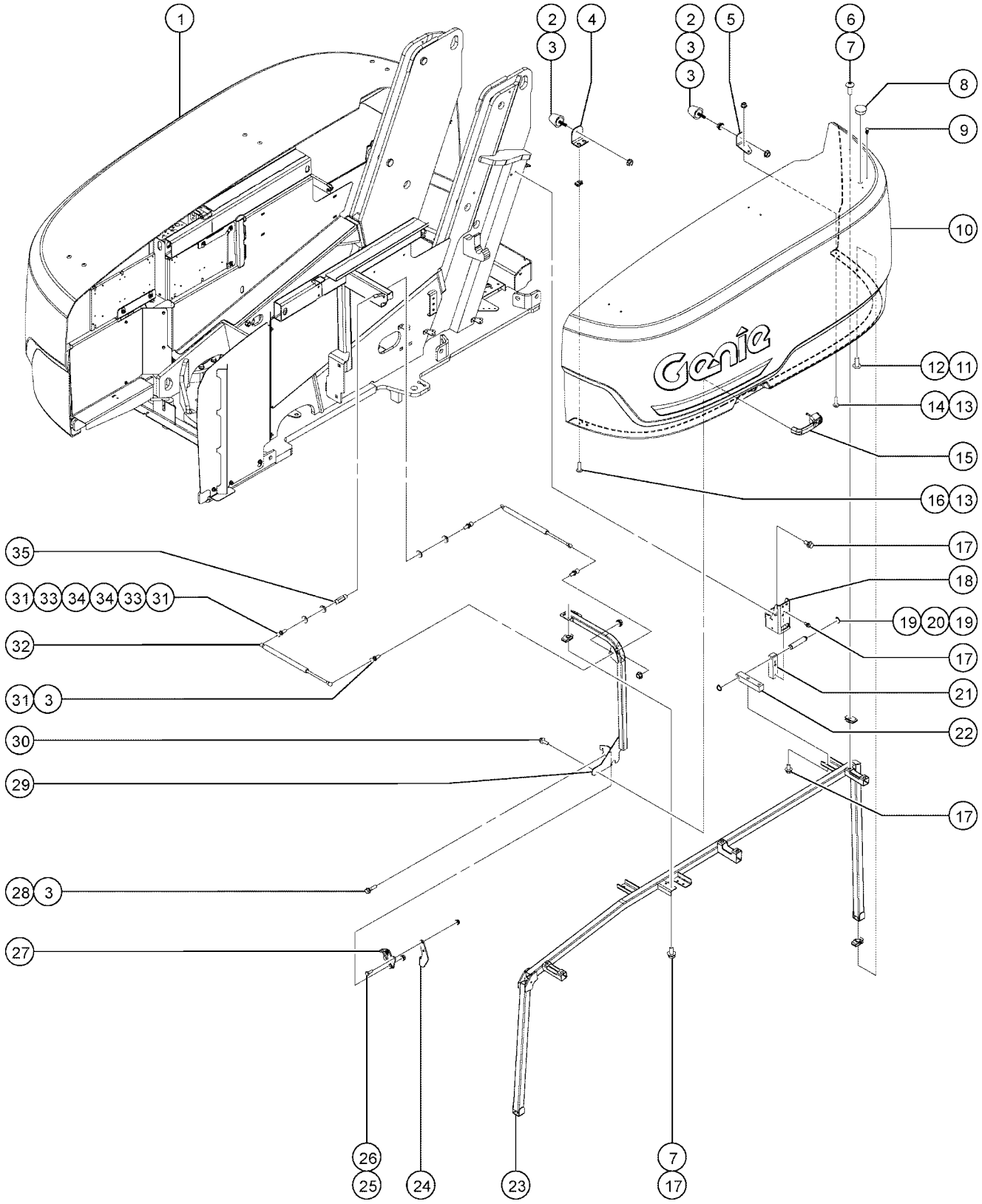
309.1 Turntable Cover



309.1 Turntable Cover

Item	Part No.	Description	Qty.
A	1256395GT	HINGE,3/8-16 HOLES,0.5 PIN (includes items 19, 20, 21 and 22)	4
1	1262721GT	COVER,TANK-SIDE,Z60E	1
2	1261277GT	RUBBER BUMPER, 1.25 X 1.25 IN	4
3	1255805GT	NUT,SERRATED,5/16-18,8,ZAG	14
4	1267856GT	FORMING, BRACKET, COVER BUMPER	2
5A	1256160GT	FORMING,REAR COVER STOP,LEFT	1
5B	1256161GT	FORMING,REAR COVER STOP,RIGHT	1
6	1261836GT	SCREW, THM, TORX, 3/8-16X1,SS	12
7	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	20
8	45385GT	PLUG,NYLON 1.12 BLACK DOMED	2
9	81329GT	PLUG,ALARM BEACON HOLE	6
10	1262722GT	COVER,ENGINE-SIDE,Z60E	1
11	1261838GT	SCREW, THM, TORX, M10X25, ZAB	4
12	230074GT	SPRING CLIP,M10-1.5,1-6X19,ZAB	4
13	1261837GT	SCREW, THM, TORX, M6X25, ZAB	8
14	1283013GT	NUT,NYLOCK FLG,M6-1.0,DIN6926,10,ZAB	4
15	1256054GT	HANDLE, YELLOW LOCKING, CODE 455	2
15-	37947GT	KEYS,10 PACK*** sold separately	
15-	83093GT	KEY SINGLE*** sold separately	
16	230073GT	SPRING CLIP,M6-1.0,0.8-4.0X13.5,ZAB	4
17	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	28
18	1263077GT	TUBE, BRACKET, HINGE, FRONT	2
19	1256607GT	SNAP RING,EXTERNAL,1/2,ZAG	8
20	1256392GT	PIN,HINGE,0.5 X 2.56LG,2 RING	4
21	1256393GT	MACHINED,HINGE,1X1X4.25,0.5 PI	4
22	1256394GT	MACHINED,HINGE,1X1X5.25,0.5 PI	4
23A	1264749GT	WELDMENT, COVER SUPPORT, ENGIN	1
23B	1264745GT	WELDMENT, COVER SUPPORT, TANK-	1

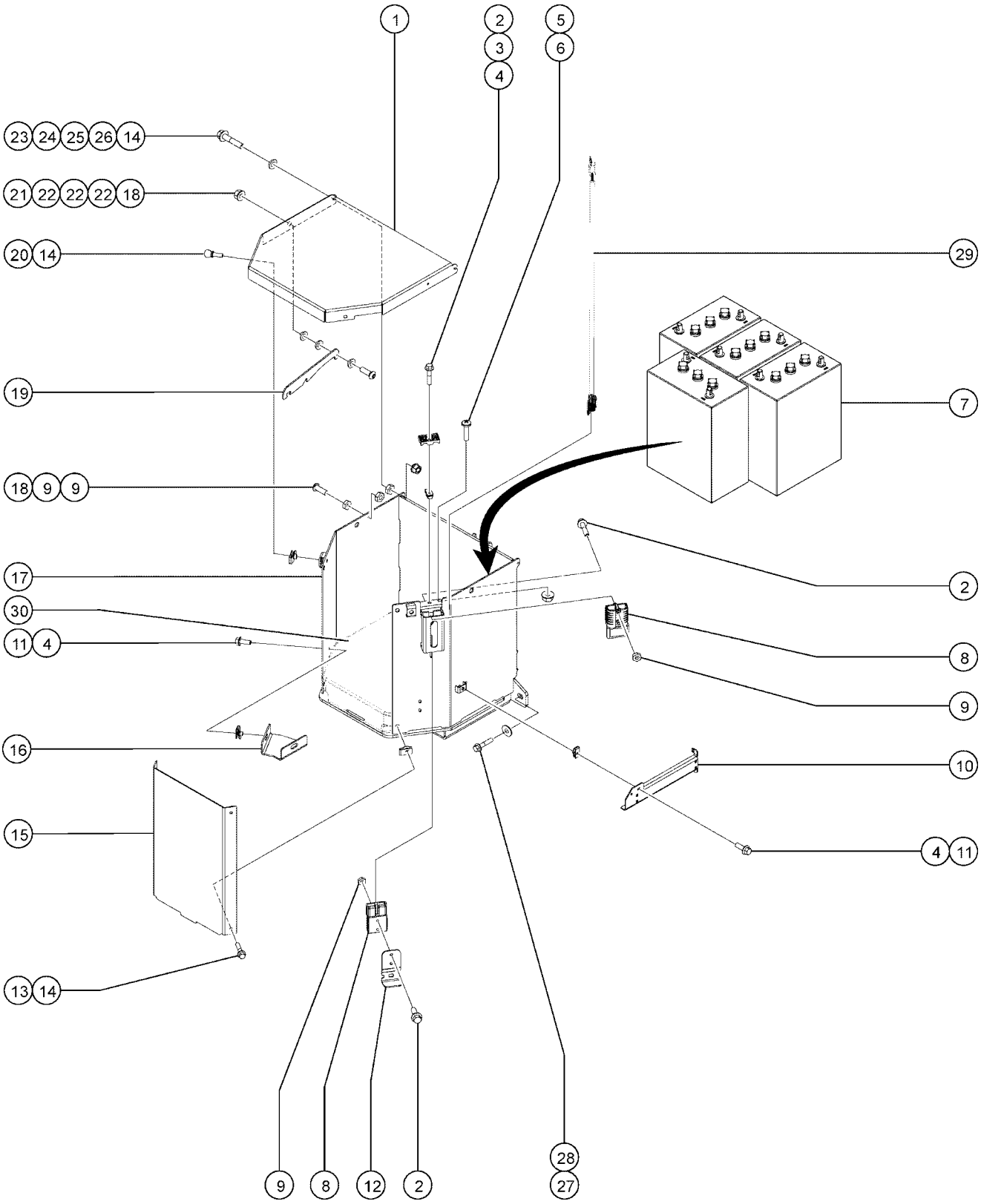
309.1 Turntable Cover



309.1 Turntable Cover

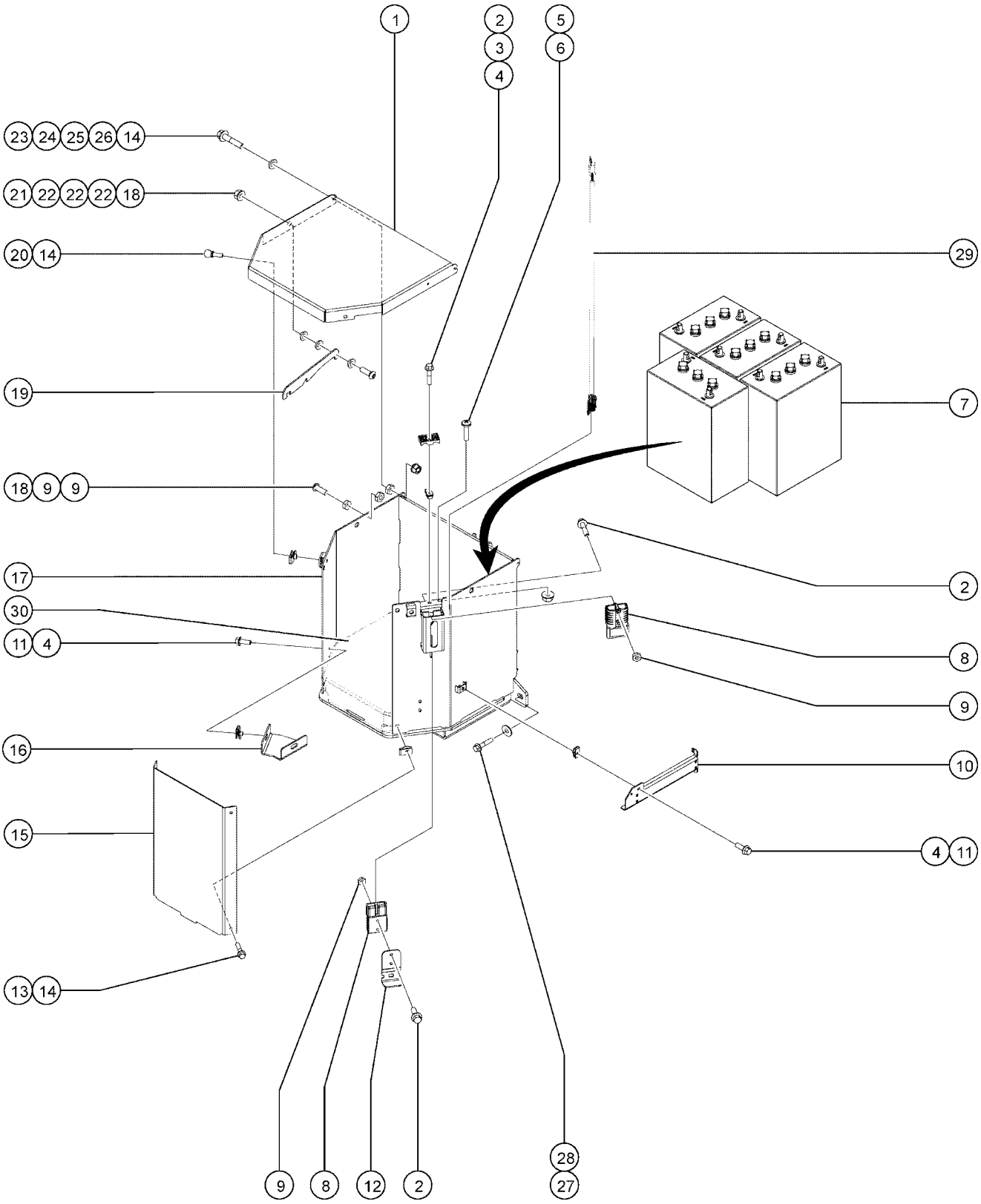
Item	Part No.	Description	Qty.
24	1262211GT	FORMING, LATCH TRIGGER, ES	2
25	824059GT	SCREW, HHC, 1/4-20 X .75, 8, ZAG	4
26	1256679GT	NUT,SERRATED,1/4-20,8,ZAG	4
27	215254GT	LATCH,ROTARY,ENGINE COVER	2
28	824087GT	SCREW, HHF, 5/16-18 X 1.25, 8, ZAG	4
29A	1264750GT	WELDMENT, COVER SUPPORT, ENGIN	1
29B	1264746GT	WELDMENT, COVER SUPPORT, TANK	1
30	231532GT	SCREW,HHF,M6-1.0X20,DIN6921,10.9,ZAB	4
31	33555GT	BALL STUD**	8
32	106069GT	STRUT,GAS,200 LB***	4
33	825358GT	WASHER,FLAT,5/16,USS,ZAG	4
34	11978GT	WASHER,FLAT,NYLON.515X.88X.093	4
35	1262440GT	BAR, MACHINED, SLIDER, STRUT M	2

310.1 Battery Box Assembly



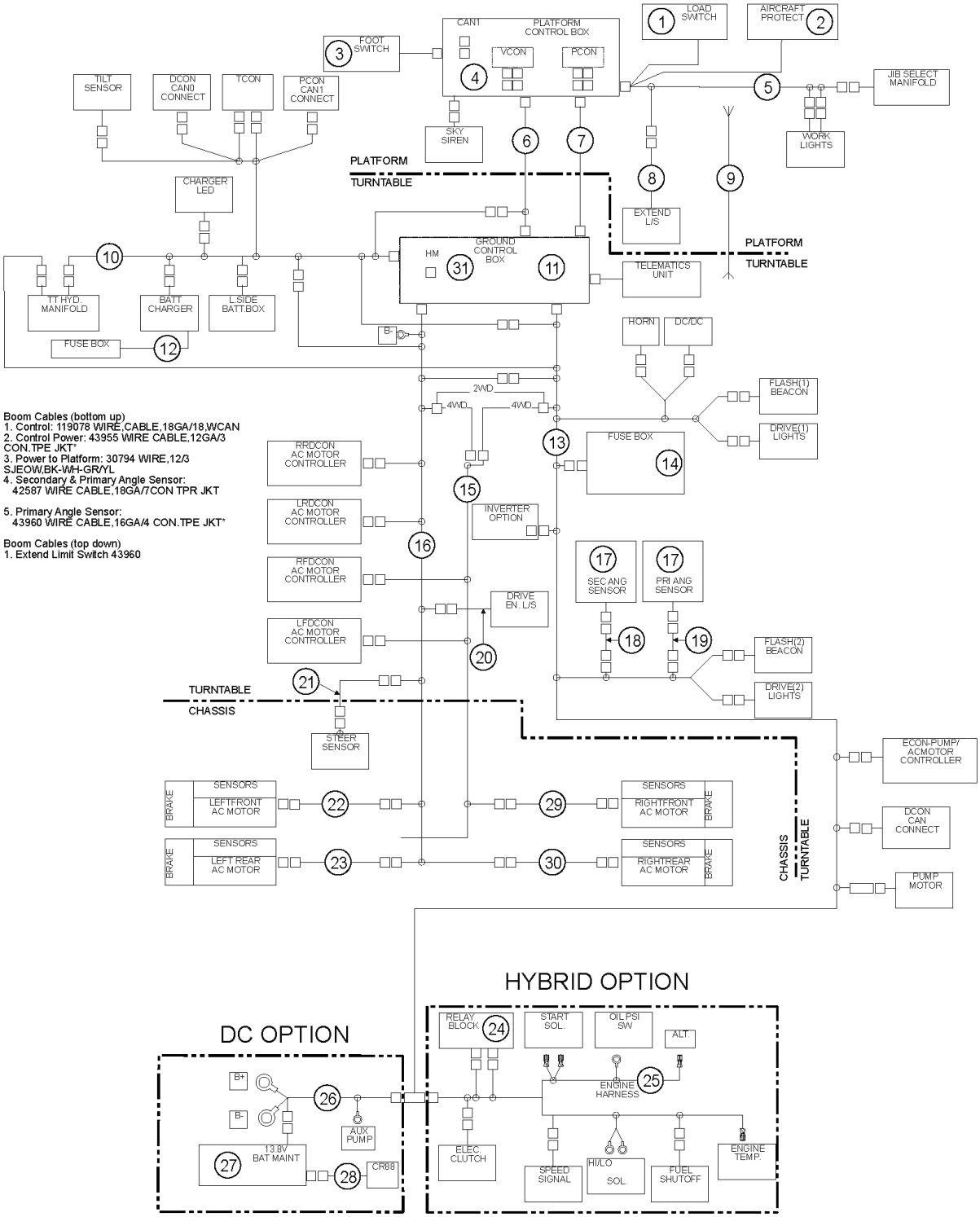
Item	Part No.	Description	Qty.
1	1275047GT	FORMING, LID, BATTERY BOX	1
2	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	7
3	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	1
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	7
5	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	1
6	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	1
7A	56461GT	BATTERY, 390AH L16,WET Wet battery (4 on each side of machine)	4
7B	823684GT	BATTERY,AGM,6V/390A,L16 To Z60M-306; AGM/Sealed battery (4 on each side of machine)	4
7B	1297475GT	BATTERY, AGM, 6V/370A, L16 From SN Z60M-307; (4 on each side of machine)	4
8	19436GT	CONNECTOR,ANDERSON SB 175***	2
9	824037GT	NUT, HH JAM, 1/4-20, A, ZAG	8
10	1264134GT	FORMING, CABLE GUARD	1
11	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	6
12	119787PGT	FORMING,BATTERY CONN HANDLE,PT	1
13	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	4
14	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	14
15	1262654GT	FORMING, FRONT, BATTERY BOX	1
16	1264197GT	FORMING, LOCATOR, BATTERY	2
17	1275044GT	WELDMENT, BOX, BATTERY, L16	1
18	1256124GT	SCREW,BHC,1/4-20X.75,F835,ZAG	2
19	1267262GT	PLATE, STRUT, BATTERY BOX	1
20	824228GT	SCREW,THUMB,A-REG,3/8-16X1,ZAG	2
21	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	3
22	15436GT	WASHER,FLAT,NYLON.25 X.68 X.03	5
23	1253478GT	SCREW,HHF,3/8-16X2,8,ZAG	
24	1254061GT	SPACER,3/8ID X 3/4OD	
25	824037GT	NUT, HH JAM, 1/4-20, A, ZAG	
26	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	

310.1 Battery Box Assembly



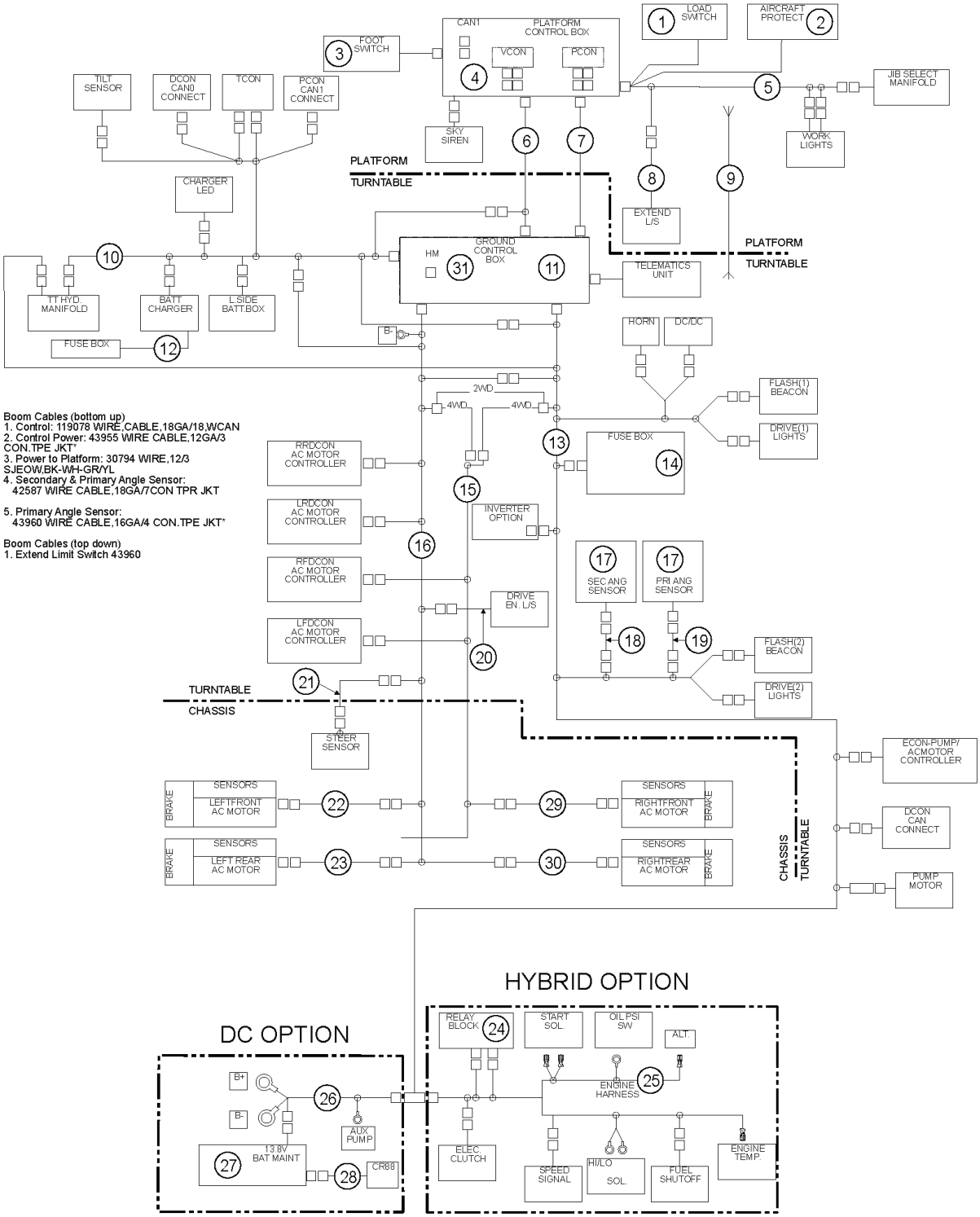
Item	*Part No.*	*Description*	*Qty.*
27	1255761GT	WASHER,FLAT,3/4,USS,HRD,ZAG	
28	1256126GT	SCREW,HHF,5/8-11X2,8,ZAG	
29	237312GT	ASSEMBLY, BATTERY TEMPERATURE SENSOR	1
30	1270247GT	CASTING, COUNTER WEIGHT, 400LB, Z60E	2

311.1 Wire Harness Diagram



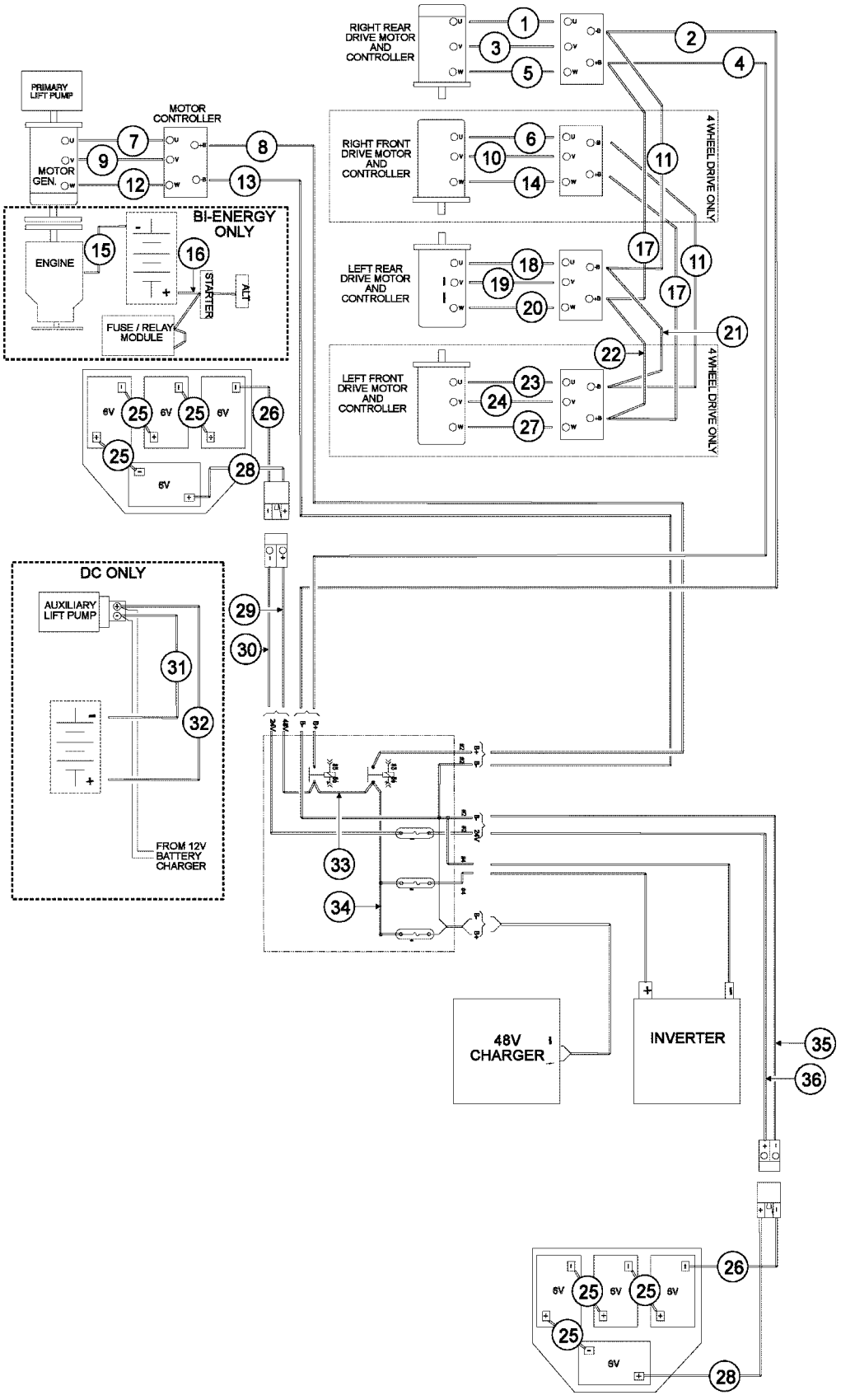
Item	Part No.	Description	Qty.
1	1263721GT	HARNESS, LOAD SENSE, Z60/37	1
2	1271407GT	ASSEMBLY, PROX. KILL	1
3		Ref: Foot Switch refer to 602.1	
4	1293775GT	HARNESS, PBOX, Z60/37	1
5	1263718GT	HARNESS JIB SELECT MAN.	1
6	1263723GT	HARNESS BOOM CTRL CABLE Z60	1
6-	119078-SGT	WIRE,CABLE,18GA/18 W/CAN	934 Inches
7	1263720GT	HARN,CABLE,DC POWER,Z60E	1
8	823975GT	HARNESS,LS1 PRIMARY RETRACT	1
9	1270557GT	HARNESS POWER TO PLATFORM Z60/37	1
10	1263725GT	HARNESS FUNCTION MANIFOLD	1
11	1293770GT	HARNESS, GBOX, Z60/37	1
12	1270153GT	HARN CHARGER CABLE 2/10GA	1
13	1263730GT	HARNESS, PUMP MOTOR CTRL	1
14	1263727GT	HARNESS, FUSE BOX, Z60E	1
15	1263728GT	HARNESS, MOTOR CTRL, FRONT	1
16	1263729GT	HARNESS, MOTOR CTRL, REAR	1
17		Ref: Rotary Sensor refer to 502.1 and 503.1	
18	1263722GT	HARN SEC ANG SENSOR PIGTAIL	1
19	1263724GT	HARN PRIM ANG SENSOR PIGTAIL	1
20	1269112GT	HARNESS, LS, OP, DRIVE ENABLE	1
21	1269681GT	HARN STEER SNR PIGTAIL EXTEND	1
22	1266533GT	HARN, MOTOR CONTROL CABLE (LF)	1
23	1268160GT	HARN, MOTOR CONTROL CABLE (LR)	1
24		Ref: Fuse/Relay Module refer to 404.1	
25	1263731GT	HARNESS, ENGINE, Z60/37 FE	1
26	1263732GT	HARN,AUXILIARY POWER,Z60/37 DC	1

311.1 Wire Harness Diagram



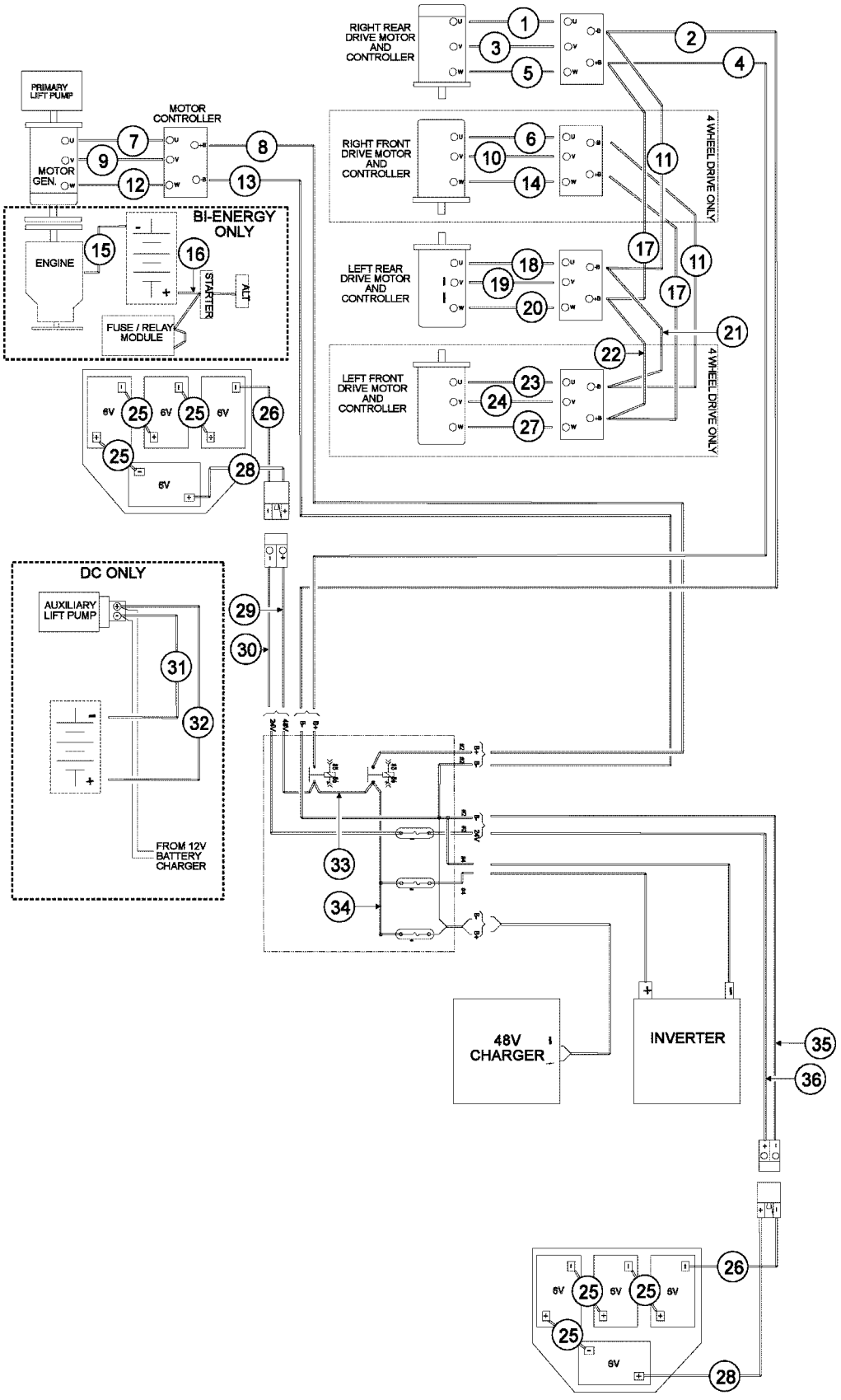
Item	Part No.	Description	Qty.
27	1267277GT	HARNESS, 12V CHARGER BOX, Z60/37 DC	1
28	1265349GT	HARNESS ASSY,CHARGER RELAY BOX	1
29	1273632GT	HARN, MOTOR CONTROL CABLE (RF)	1
30	1273633GT	HARN, MOTOR CONTROL CABLE (RR)	1
31	1293797GT	HARNESS, TELEMATICS, Z-60	1
		For Track Unit ME501 Option	

312.1 Power Cable Diagram



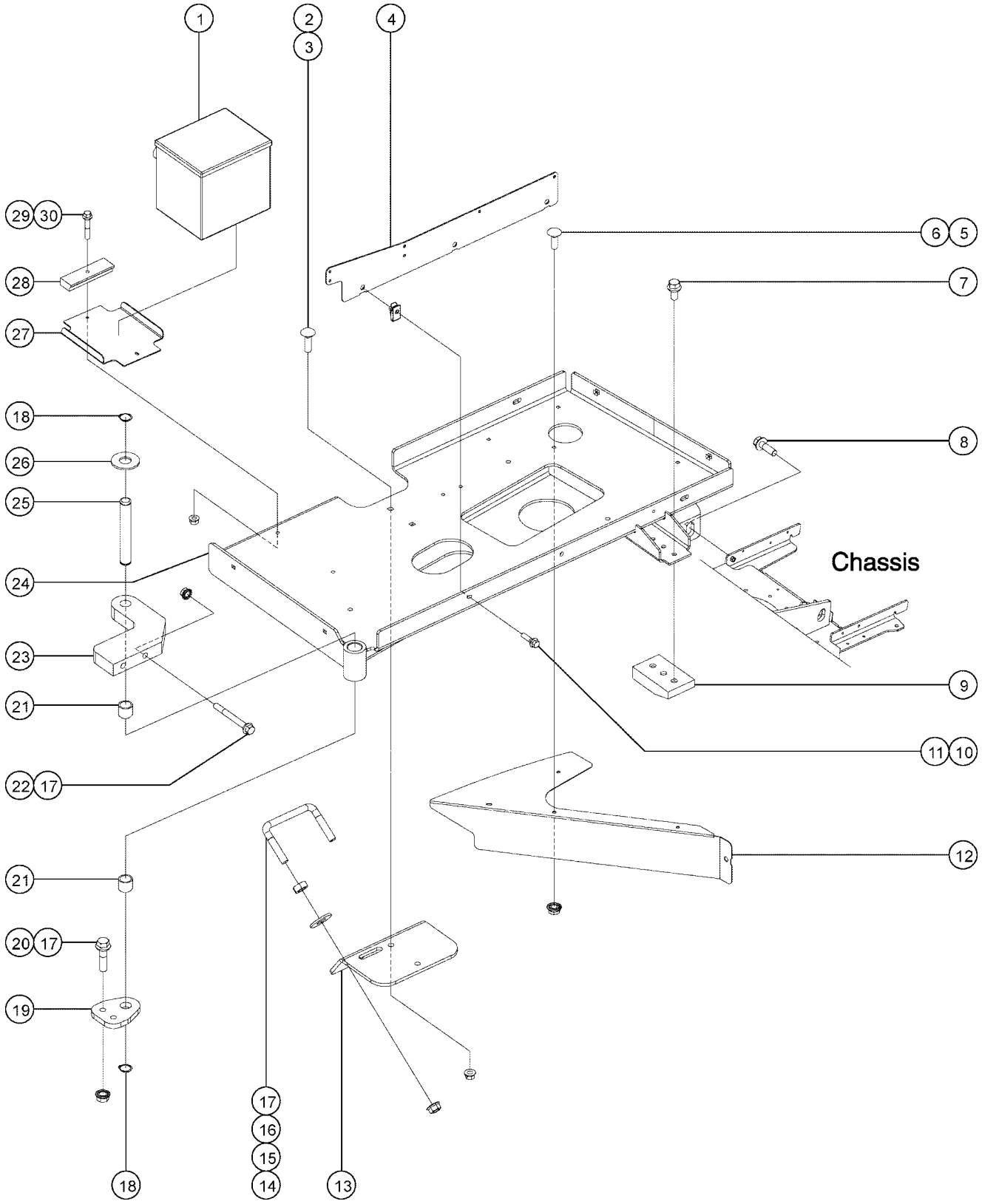
Item	Part No.	Description	Qty.
1	1265296GT	CABLE ASSY, RR MOTOR CONTROLLER TO MOTOR U	1
2	1265287GT	CABLE ASSY, FUSE BOX TO RR CONTROLLER B-	1
3	1265297GT	CABLE ASSY, RR MOTOR CONTROLLER TO MOTOR V	1
4	1265286GT	CABLE ASSY, FUSE BOX TO RR CONTROLLER B+	1
5	1265298GT	CABLE ASSY, RR MOTOR CONTROLLER TO MOTOR W	1
6	1270523GT	CABLE ASSY,RF MOTOR CONTROLLER TO MOTOR U	1
7	1265301GT	CABLE ASSY, MOTOR/GEN CONTROLLER TO MOTOR/GEN U	1
8	1265299GT	CABLE ASSY, FUSE BOX TO MOTOR/GEN CONTROLLER B+	1
9	1265302GT	CABLE ASSY, MOTOR/GEN CONTROLLER TO MOTOR/GEN V	1
10	1270524GT	CABLE ASSY,RF MOTOR CONTROLLER TO MOTOR V	1
11	1265295GT	CABLE ASSY, JUMPER, TRACTION CONTROLLER, B-,LONG	2
12	1265303GT	CABLE ASSY, MOTOR/GEN CONTROLLER TO MOTOR/GEN W	1
13	1265300GT	CABLE ASSY, FUSE BOX TO MOTOR/GEN CONTROLLER B-	1
14	1270525GT	CABLE ASSY,RF MOTOR CONTROLLER TO MOTOR W	1
15	1265583GT	CABLE ASSY, ENGINE TO GROUND	1
16	1265580GT	CABLE ASSY, STARTER TO POWER	1
17	1265290GT	CABLE ASSY, JUMPER, TRACTION CONTROLLER, B+,LONG	2
18	1270520GT	CABLE ASSY,LR MOTOR CONTROLLER TO MOTOR U	1
19	1270521GT	CABLE ASSY,LR MOTOR CONTROLLER TO MOTOR V	1
20	1270522GT	CABLE ASSY,LR MOTOR CONTROLLER TO MOTOR W	1
21	1265289GT	CABLE ASSY,JUMPER,TRACTION CONTROLLER,B-,SHORT	1
22	1265288GT	CABLE ASSY,JUMPER,TRACTION CONTROLLER,B+,SHORT	1
23	1270526GT	CABLE ASSY,LF MOTOR CONTROLLER TO MOTOR U	1
24	1270527GT	CABLE ASSY,LF MOTOR CONTROLLER TO MOTOR V	1
25	1265281GT	CABLE ASSY, BATTERY JUMPER	6
26	1265283GT	CABLE ASSY, BATTERY PACK TO QUICK DISCONNECT, RIGHT GROUND DC black/negative	2
27	1270528GT	CABLE ASSY,LF MOTOR CONTROLLER TO MOTOR W	1
28	1265282GT	CABLE ASSY, BATTERY PACK TO QUICK DISCONNECT, RIGHT POWER DC red/positive	2

312.1 Power Cable Diagram



Item	*Part No.*	*Description*	*Qty.*
29	1265284GT	CABLE ASSY, FUSE BOX TO QUICK DISCONNECT, RIGHT POWER	1
30	1265285GT	CABLE ASSY, FUSE BOX TO QUICK DISCONNECT, RIGHT GROUND	1
31	1265291GT	CABLE ASSY, AUX LIFT PUMPTO GROUND	1
32	1265292GT	CABLE ASSY, AUX LIFT PUMP TO POWER	1
33	1265294GT	CABLE ASSY, JUMPER MAIN CONTACTOR TO MOTOR/GEN CONTACTOR	1
34	1265293GT	CABEL ASSY, JUMPER, MAIN CONTACTOR TO FUSE	1
35	1265308GT	CABLE ASSY, FUSE BOX TO QUICK DISCONNECT, LEFT GROUN	1
36	1265307GT	CABLE ASSY, FUSE BOX TO QUICK DISCONNECT, LEFT POWER	1

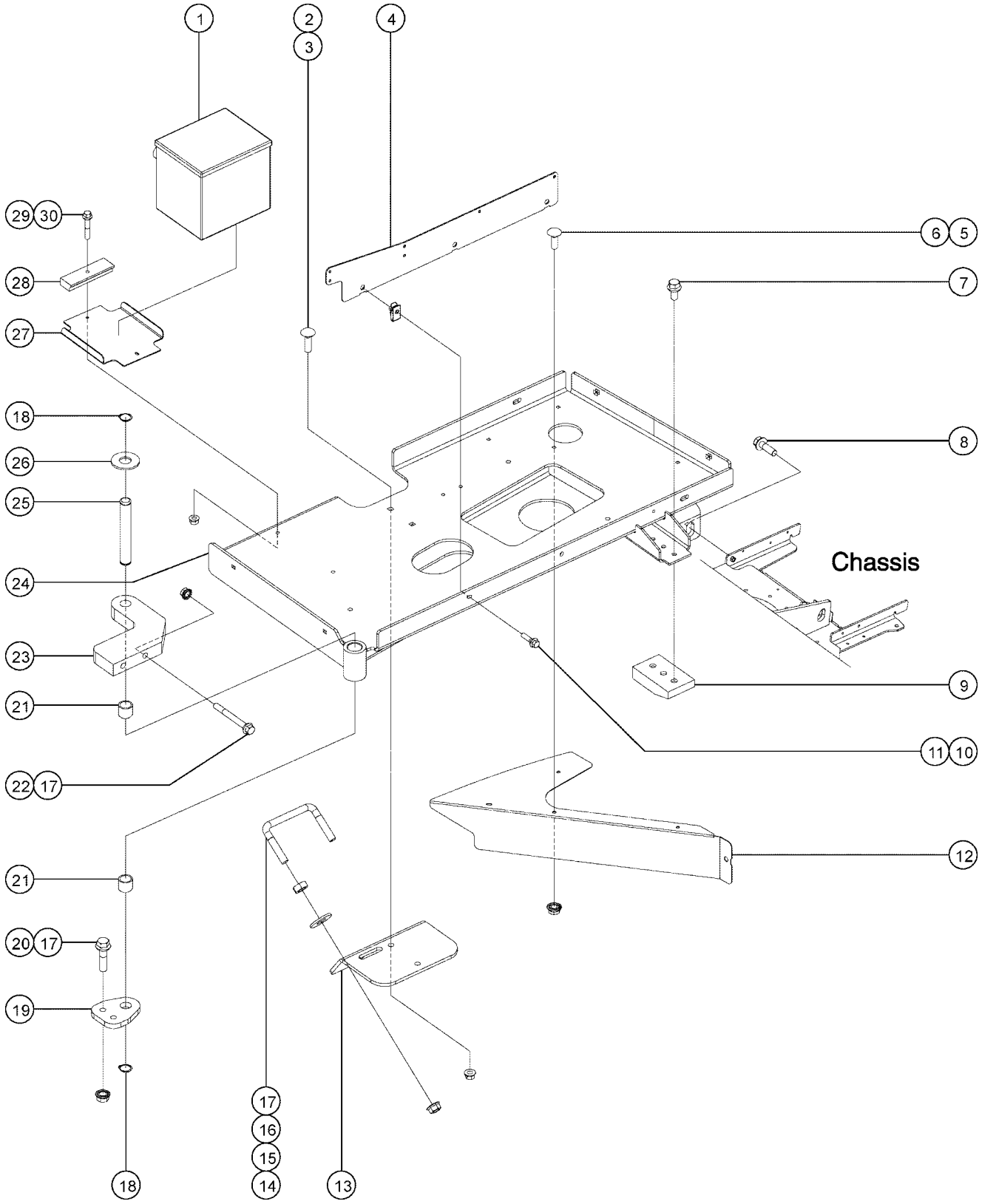
401.1 Engine Tray



401.1 Engine Tray

Item	Part No.	Description	Qty.
A		Ref: Engine, Kubota D-1105D, HYB. (refer to 402.1, 403.1 and 404.1)	1
1	1303584GT	BATTERY, 12V, 500CCA, FLA	1
2	1255757GT	BOLT,CARRIAGE,3/8-16X1.25,5,ZAG	2
3	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	2
4	1267795GT	PLATE, ENGINE TRAY FUEL HOSE MOUNT	1
5	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	4
6	1256679GT	NUT,SERRATED,1/4-20,8,ZAG	4
7	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	3
8	1256126GT	SCREW,HHF,5/8-11X2,8,ZAG	1
9	81522GT	WEAR PAD,ENGINE TRAY	1
9-	48425GT	NUT,FLG-LRG,3/8-16,YZ	2
10	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	3
11	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	3
12	1266115GT	SHOCK MOUNT,SMALL	1
13	1263651GT	FORMING,ENG. SIDE,STRIKER MOUNTING BRACKET	1
14	1259855GT	UBOLT, 0.4724 IN D X 4.0 IN L	1
15	1255804GT	NUT,JAM,1/2-13,A,ZAG	2
16	1255760GT	WASHER,FLAT,1/2,USS,ZAG	2
17	1261724GT	NUT,SERRATED,1/2-13,8,ZAG	6
18	1253843GT	SNAP RING,EXTERNAL,1.00,ZAG	2
19	1264821GT	MACHINED,ENGINE TRAY SUPPORT	1
20	1256172GT	SCREW,HHF,1/2-13X 2,8,ZAG	2
21	25817GT	BEARING,1.00IDX1.25ODX1.00L	2
22	1255392GT	SCREW,HHF,1/2-13X4.5,8,ZAG	2
23	1264776GT	ENGINE TRAY UPPER MT. MACH.	1
24	1264805GT	WELDMENT,ENGINE TRAY,Z60E	1
25	30729GT	PIN,1.00DIAX6.67LG,2RING	1
26	1256469GT	WASHER,FLAT,1.0,USS,ZAG	1

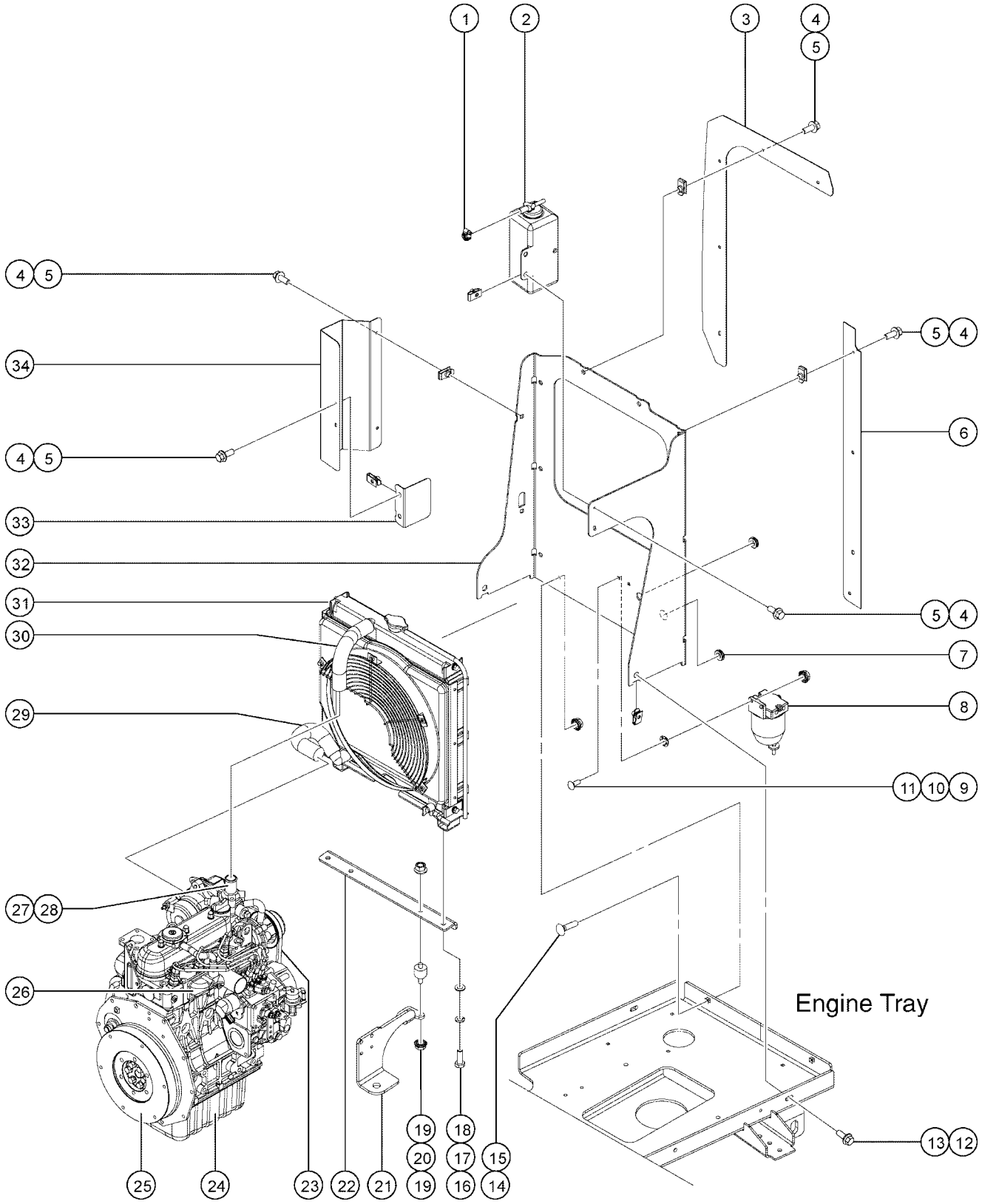
401.1 Engine Tray



401.1 Engine Tray

Item	*Part No.*	*Description*	*Qty.*
27	1270488GT	FORMING, BATTERY TRAY	1
28	60078GT	BATTERY HOLD DOWN	2
29	824081GT	SCREW,HHF,1/4-20X1.5,8,ZAG	2
30	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2

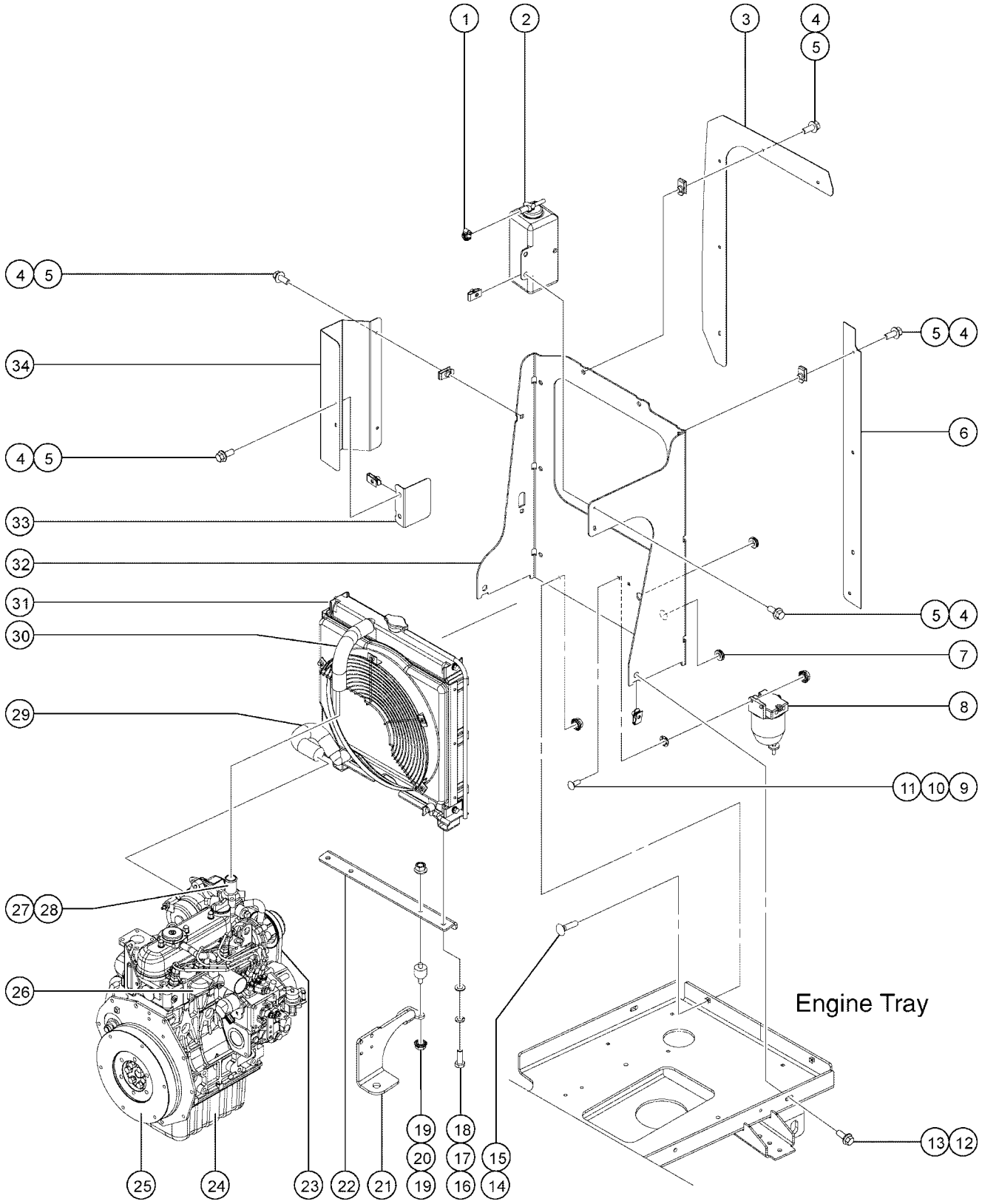
402.1 Kubota D1105-E4B, View 1



402.1 Kubota D1105-E4B, View 1

Item	Part No.	Description	Qty.
A		For internal engine parts, contact engine dealer	
A-	1262242GT	ENGINE, KUBOTA D1105, HYB.	1
A-	32189GT	GASKET,VALVE COVER,KUBOTA D905	
A-	32199GT	GASKET,WATER PUMP	
A-	866070GT	FUEL PUMP, MECHANICAL	
A-	839233GT	KUBOTA FUEL PUMP GASKET	1
A-	44181GT	GASKET,VALVE COVER CAP, WG750	
A-	44191GT	VALVE COVER, D905	
A-	44200GT	SPEED CONTROL ASSY, D905	
A-	866040GT	KUBOTA GASKET FOR SOLENOID	
A-	839119GT	KUBOTA GLOW PLUG	
A-	62118GT	JUMPER-GLOW PLUG	
A-	99199GT	SOLENOID,FUEL SHUTOFF,D905***	
A-	1305362GT	SOLENOID,FUEL SHUTOFF,D9/1105 Genie aftermarket part, Compatible with 99199 (no longer available)	
A-	101200GT	FAN DRIVE PULLEY,KUBOTA	
A-	101201GT	WATER PUMP ASSY,KUBOTA	
A-	101209GT	NUT,EXHAUST MANIFOLD	
A-	112500GT	KIT D-905 RADIATOR SUPPORT	
A-	131379GT	MANUAL,OPER,KUBOTA DIESEL****	
1	21465GT	CLAMP,HOSE,.25" - .63" X .3125	1
2	94532GT	BOTTLE,COOLANT RECOVERY,1.4***	1
3	1266114GT	PLATE, RADIATOR, OUTER SEAL	1
4	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	15
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	15
6	1266113GT	PLATE, RADIATOR, INNER SEAL	1
7	231327GT	GROMMET,9/16IDX7/8ODX3/16THK	2
8	56949GT	FILTER/SEPARATOR,FUEL DIESEL**	1
9	1256127GT	BOLT,CARRIAGE,1/4-20X1",GR 5,ZAG	2

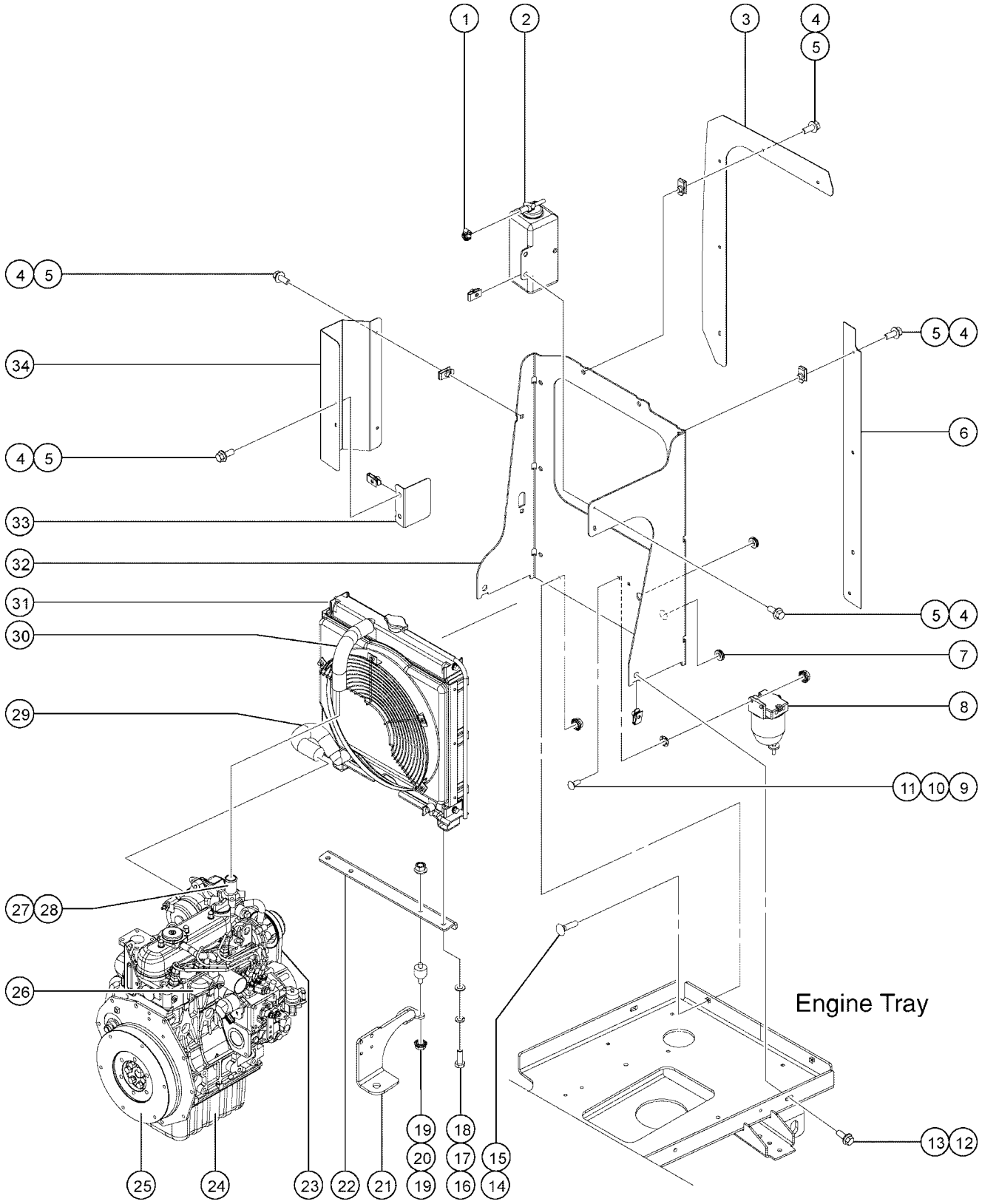
402.1 Kubota D1105-E4B, View 1



402.1 Kubota D1105-E4B, View 1

Item	Part No.	Description	Qty.
10	238135GT	PUSHNUT RETAINER, 1/4" X 1/2"OD, ZINC	2
11	1256679GT	NUT,SERRATED,1/4-20,8,ZAG	2
12	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2
13	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	2
14	824125GT	BOLT, CARRIAGE, 3/8-16 X 1, 5, ZAG	2
15	1257628GT	NUT,SERRATED,3/8-16,ZAG	2
16	824138GT	SCREW, HHC, M10-1.25 X 30, DIN961, 10.9, ZAB	2
17	824142GT	WASHER, LOCK, M10, ZAB	2
18	824145GT	WASHER, FLAT, DIN125, M10, ZAB	2
19	1255805GT	NUT,SERRATED,5/16-18,8,ZAG	4
20	219437GT	ISOLATOR,VIBRATION	2
21		Ref: Forming, Front Mount (refer to 404.1)	1
22	139129GT	MOUNT, RADIATOR, D1105	1
23	32196GT	BELT,V, KUBOTA D905 use until exhausted, (replaced by 839209)	1
23B	839209GT	V-BELT, KUBOTA 1105	1
24	139280GT	OIL PAN	1
25	139274GT	COMP. FLYWHEEL	1
26	139273GT	MANIFOLD, INLET	1
27	139279GT	THERMOSTAT COVER	1
28	139278GT	THERMOSTAT	1
29	1288003GT	HOSE,LOWER RAD,KUBOTA D1105 HYB	1
29-	32185GT	CLAMP,HOSE purchased separately	
30	1288002GT	HOSE,UPPER RAD,KUBOTA D1105 HYB	1
30-	32185GT	CLAMP,HOSE purchased separately	
31	112531GT	RADIATOR ASSY,ALUM.D-905	1
31-	110523GT	CAP,RADIATOR,AL,KUBOTA DF-752	
32	1264777GT	FORMING,RAD.BAFFLE,Z60E	1
33	1265737GT	FORMING, EXHAUST SHIELD BRACKET	1

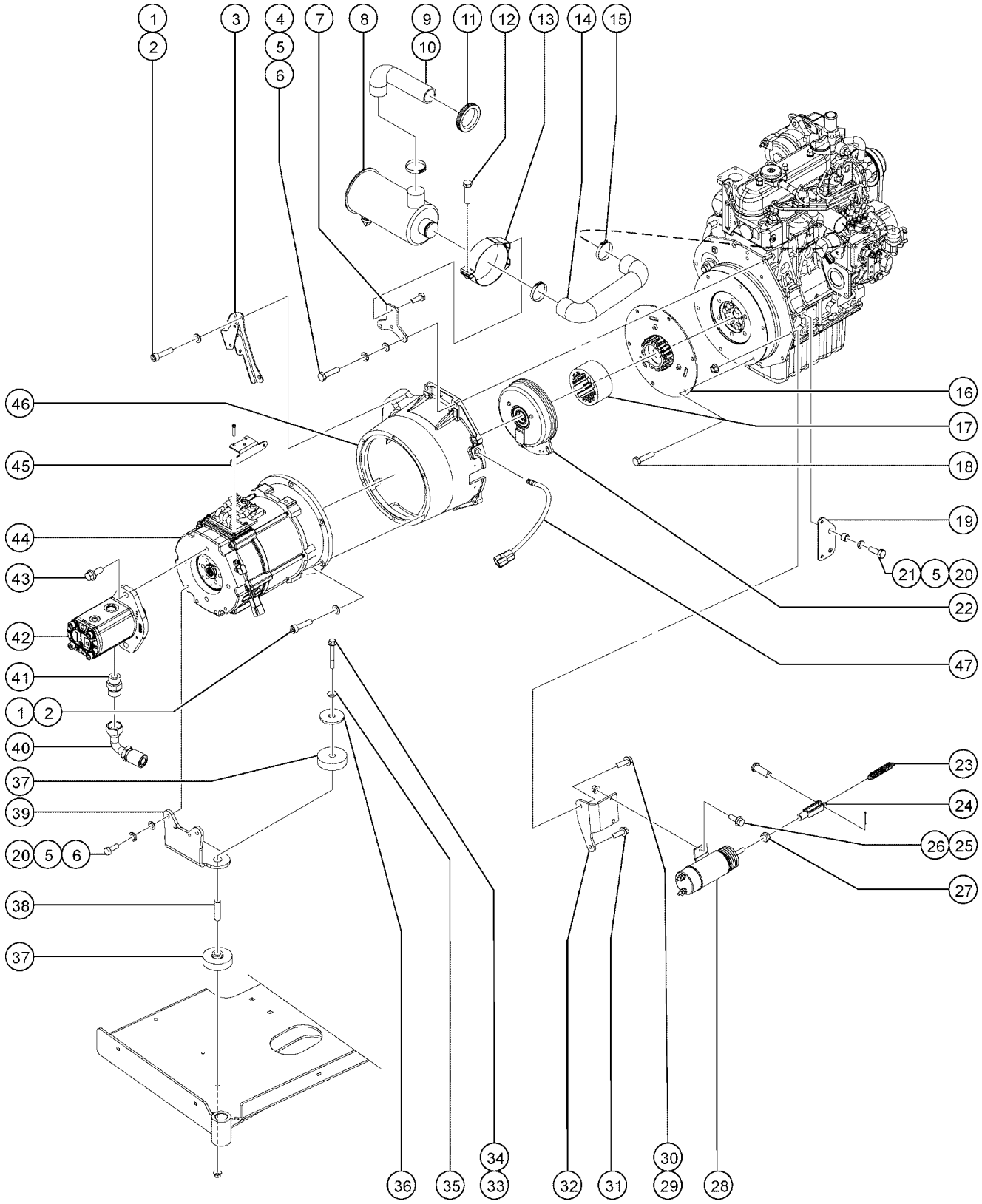
402.1 Kubota D1105-E4B, View 1



402.1 Kubota D1105-E4B, View 1

Item	*Part No.*	*Description*	*Qty.*
34	1265736GT	FORMING, EXHAUST SHIELD	1

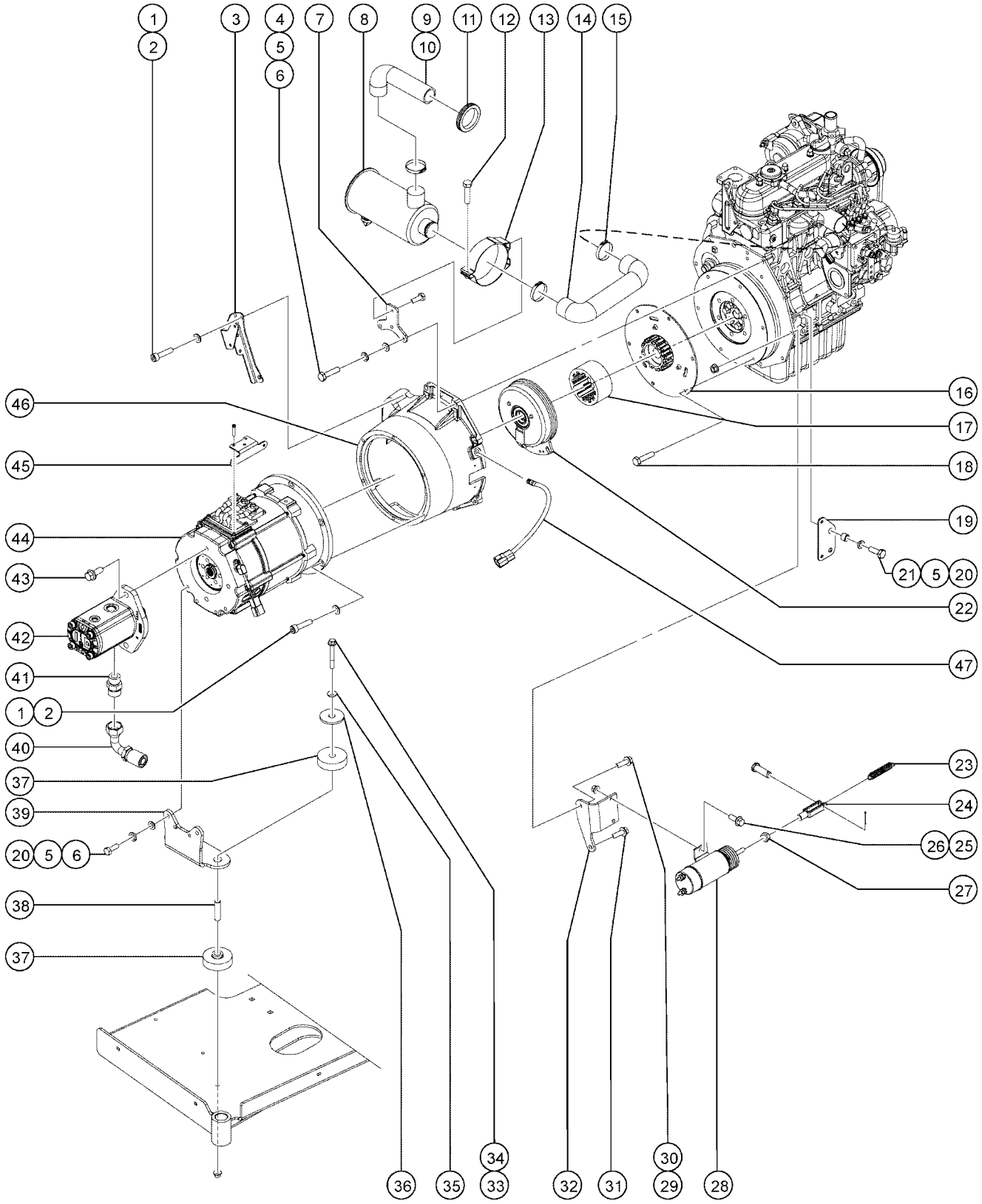
403.1 Kubota D1105-E4B, View 2



403.1 Kubota D1105-E4B, View 2

Item	Part No.	Description	Qty.
A		For internal engine parts, contact engine dealer	
1	1256834GT	SCREW,SHC,M8-1.25X35,12.9,ZAB	9
2	824144GT	WASHER,FLAT,M8,DIN125,ZAB	9
3	1266753GT	FORMING, STARTER CABLE AND HARNESS BRACKET	1
4	1274560GT	SCREW, HHC, M10 X 1.25 X 50	2
5	824142GT	WASHER, LOCK, M10, ZAB	8
6	824145GT	WASHER, FLAT, DIN125, M10, ZAB	6
7	74544GT	BRKT. AIR CLEANER MOUNT	1
8	32184GT	AIR CLEANER KIT,KUBOTA D905	1
8-	31745GT	FILTER,AIR,D905 use until exhausted, (replaced by 236095)	
8-	236095GT	FILTER,AIR,D1105	
9	1270133GT	HOSE, INTAKE ELBOW	1
10	35434GT	CLAMP,HOSE,2.00***	1
11	55067GT	GROMMET,RUBBER 3 X .19 X 3.5	1
12	101719GT	SCREW,HHC,5/16-18 X 1.375	1
13	101204GT	AIR CLEANER STAY	1
14	43700GT	PIPE,INLET, D905	1
15	62114GT	CLAMP-HOSE, AIR CLEANER	2
16	1264932GT	DRIVE FLANGE	1
17	1265592GT	SLEEVE, RUBBER COUPLING	1
18	1257704GT	SCREW,HHC,M8-1.25X12,DIN933,10.9,ZAB	6
19	1267796GT	PLATE, RETURN HOSE MOUNT	1
20	824138GT	SCREW, HHC, M10-1.25 X 30, DIN961, 10.9, ZAB	6
21	45400GT	SPACER TUBE,.50 LG	2
22	1264933GT	ASSEMBLY, 48V CLUTCH includes 1286646	1
22-	1286646GT	HARNESS,48V CLUTCH ASSY for 1264933	
23	31379GT	SPRING,TENSION-1.25 X.438 DIA	1
24	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1

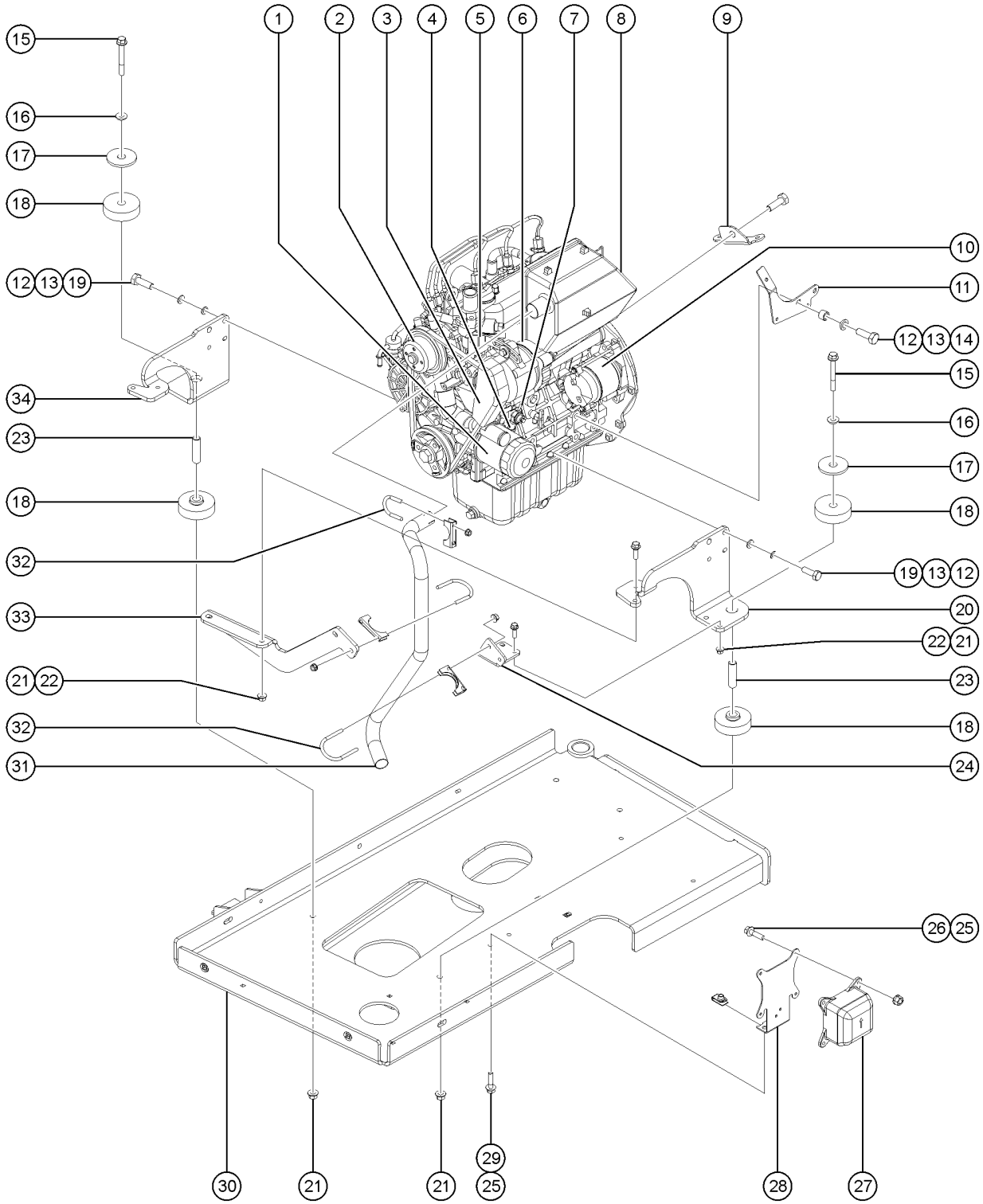
403.1 Kubota D1105-E4B, View 2



403.1 Kubota D1105-E4B, View 2

Item	Part No.	Description	Qty.
25	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
26	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
27	824041GT	NUT, 1/4-28, 8, ZAG	1
28	20780GT	SOLENOID,2 SPEED TROMBETTA***	1
29	237820GT	SCREW,HHF,M8X40,DIN6921,8.8,YZ	1
30	1283022GT	NUT,NYLOCK,M8-1.25,DIN985,10,ZAB	2
31	824133GT	SCREW,HHF,M8-1.25X25,DIN6921,10.9,ZAB	1
32	74813GT	ANGLE,SOLENOID MOUNT	1
33	824095GT	SCREW, HHF, 3/8-16 X 3, 8, ZAG	2
34	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	2
35	825358GT	WASHER,FLAT,5/16,USS,ZAG	2
36	824123GT	WASHER,FLAT,.625X2.25X.188,ZAG	2
37	24037GT	SHOCK MOUNT,LARGE**	4
38	139230GT	SPACER, SHOCK MOUNT	2
39	1269479GT	FORMING, REAR GEN MOUNT	1
40	48846GT	HOSE END,FEMSW,90D,ORFS,-12-12	1
41	48960GT	FITTING,CONN,520120-12***	1
42		Ref: PUMP, GEAR, FUNCTION, Z60E (refer to 703.1)	1
43	1255469GT	SCREW,HHF,1/2-13X1.25,8,ZAG	2
44		Ref: MOTOR,AC,PUMP-GENERATOR (refer to 703.1)	1
45	1267068GT	FORMING, GENERATOR HARNESS	1
46	1262208GT	BELLHOUSING HYBRID D1105	1
47	1267984GT	ASSY, MAG SPEED PICKUP	1

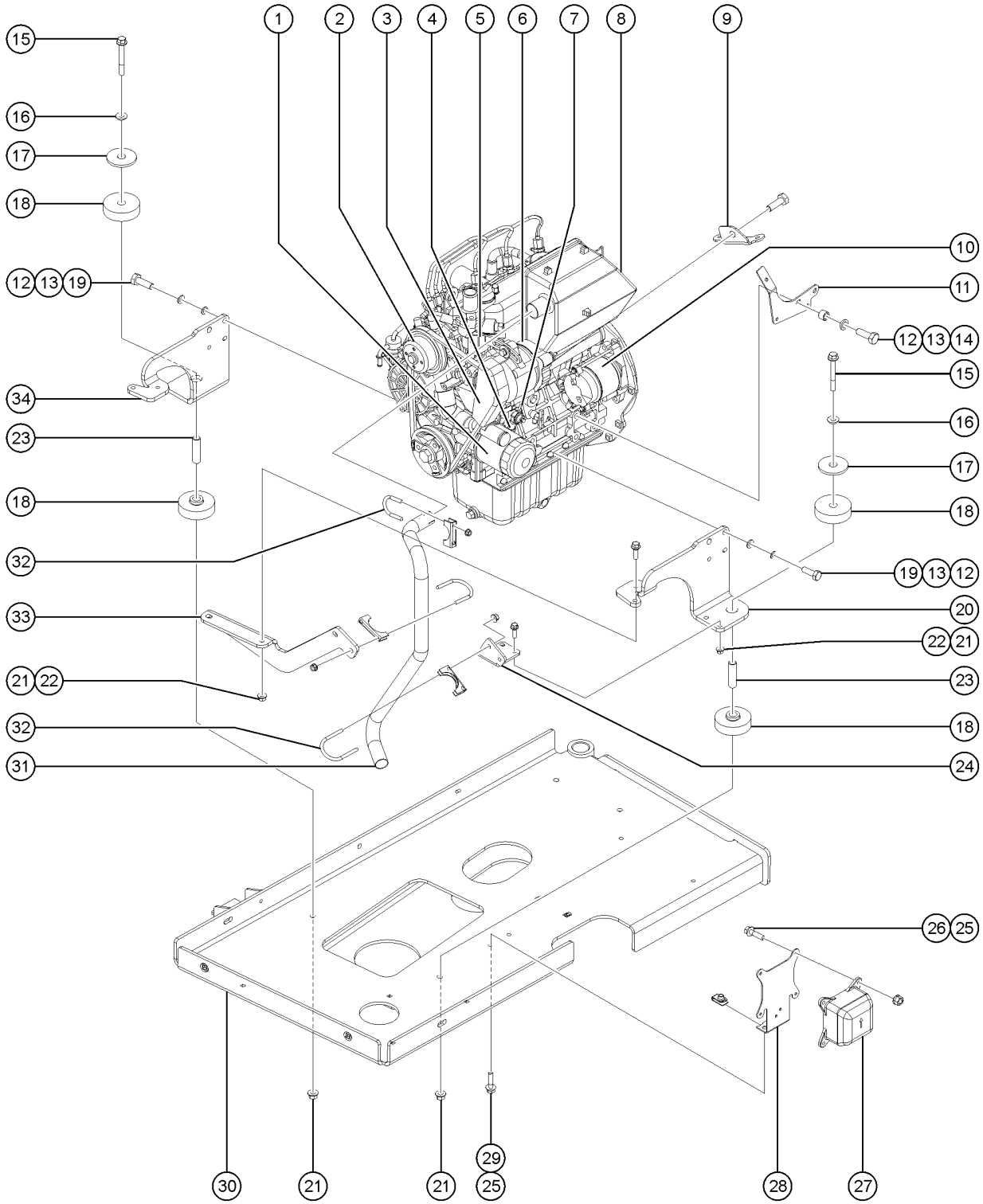
404.1 Kubota D1105-E4B, View 3



404.1 Kubota D1105-E4B, View 3

Item	Part No.	Description	Qty.
A		For internal engine parts, contact engine dealer	
A-		FILTER,OIL,KUBOTA	
B-	32197GT	FAN,KUBOTA D905	
1	866050GT	FILTER,OIL,KUBOTA	1
2	52531GT	PULLEY,FAN,KUBOTA, D-905,GS68	1
3	131373GT	COVER, FAN	
4	231227GT	DIPSTICK GUIDE,D-1105	1
5	44195GT	ALTERNATOR STAY, D905 use until exhausted,(replaced by 116833)	1
5B	116833GT	KUBOTA DYNAMO STAY	1
6	866090GT	ALTERNATOR,KUBOTA* D905	1
7	231226GT	DIPSTICK,D-1105	1
8	131378GT	MUFFLER ASSEMBLY	1
9	1266969GT	FORMING, ALTERNATOR HARNESS MOUNT	1
10	65837GT	STARTER,KUBOTA D905 VERS 2*** use until exhausted, (replaced by 866101)	1
10B	866101GT	KUBOTA STARTER D1105/905	1
11	1266970GT	FORMING, STARTER HARNESS MOUNT	1
12	824138GT	SCREW, HHC, M10-1.25 X 30, DIN961, 10.9, ZAB	12
13	824142GT	WASHER, LOCK, M10, ZAB	12
14	45400GT	SPACER TUBE,.50 LG	2
15	824095GT	SCREW, HHF, 3/8-16 X 3, 8, ZAG	2
16	825358GT	WASHER,FLAT,5/16,USS,ZAG	2
17	824123GT	WASHER,FLAT,.625X2.25X.188,ZAG	2
18	24037GT	SHOCK MOUNT,LARGE**	4
19	824145GT	WASHER, FLAT, DIN125, M10, ZAB	8
20	1269480GT	FORMING, FRONT MOUNT LEFT	1
21	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4
22	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	4
23	139230GT	SPACER, SHOCK MOUNT	2

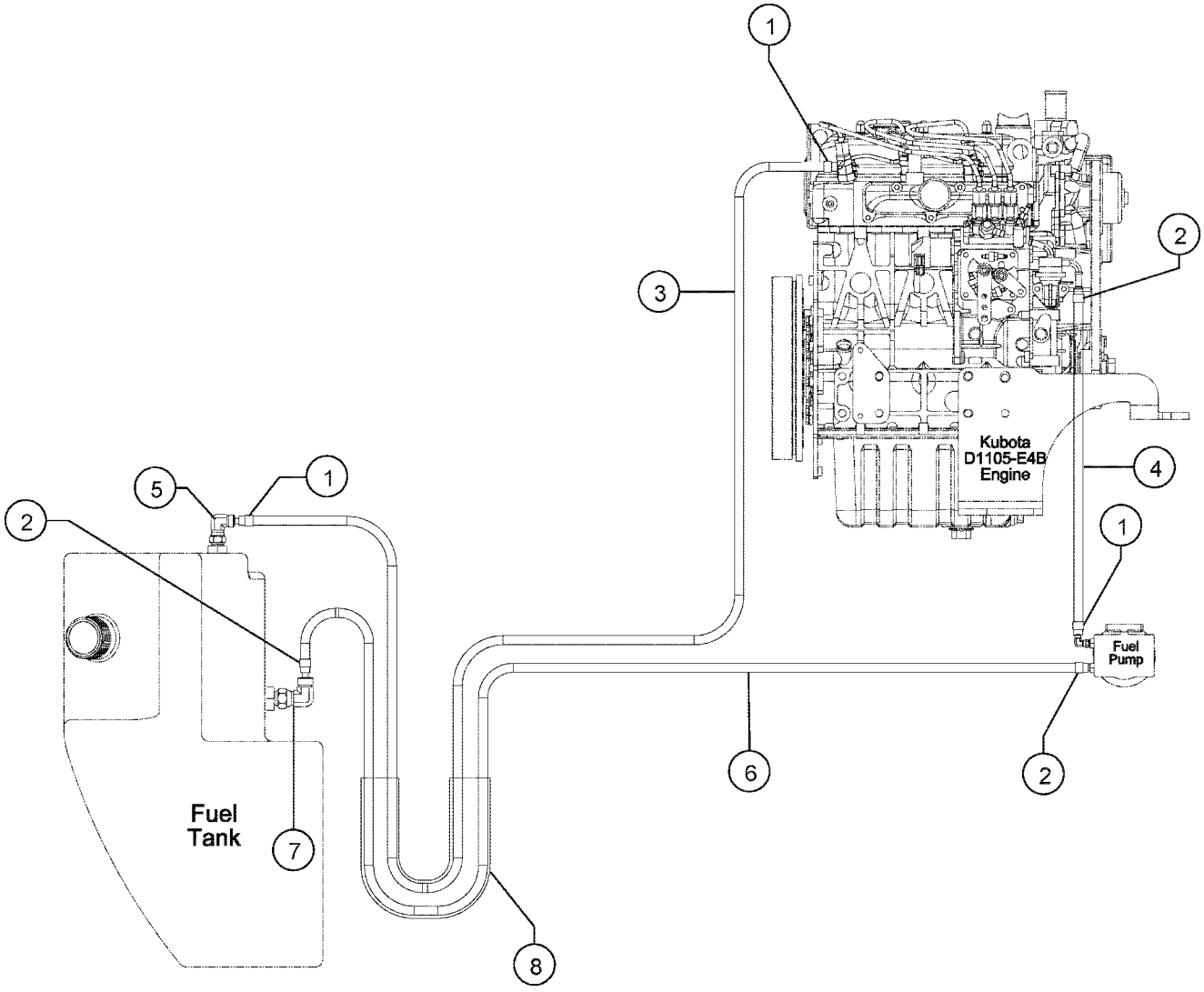
404.1 Kubota D1105-E4B, View 3



404.1 Kubota D1105-E4B, View 3

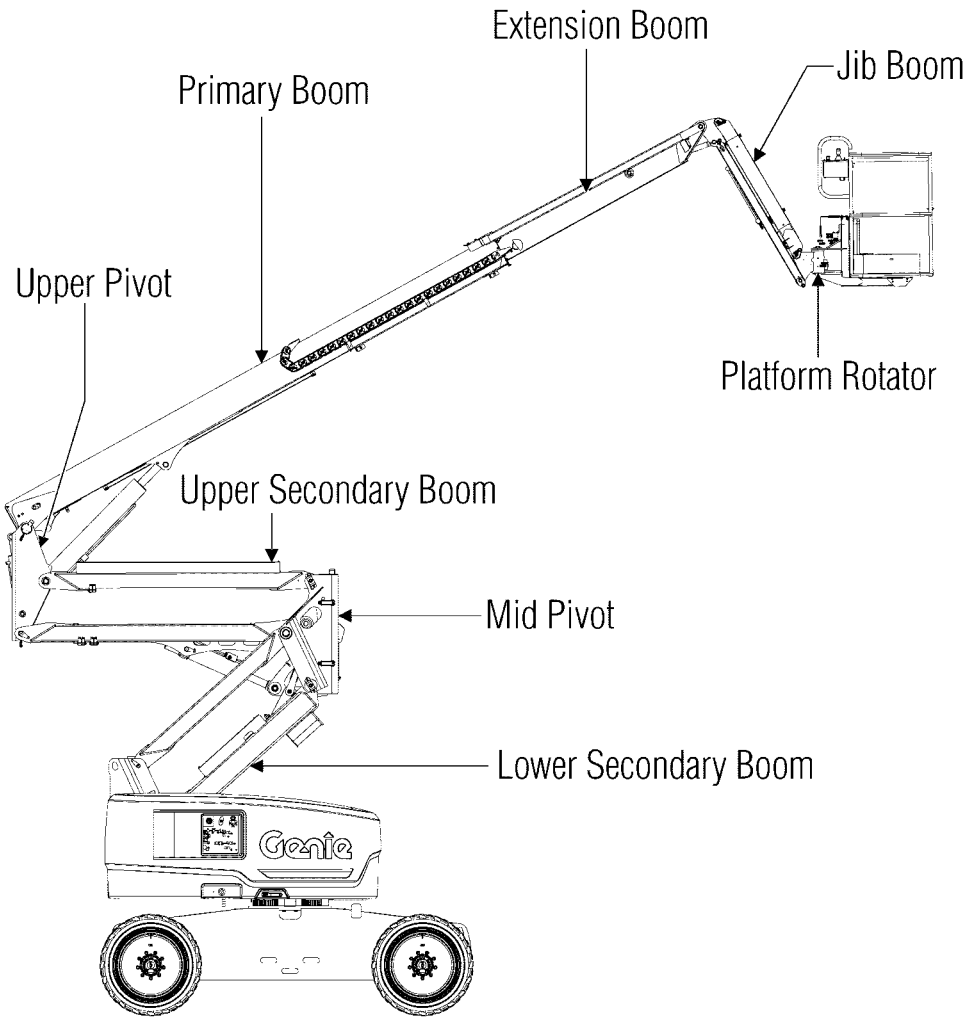
Item	Part No.	Description	Qty.
24	1269481GT	FORMING, BRKT, EXHAUST LOWER	1
25	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	6
26	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
27	1263734GT	MODULE FUSE/RELAY K1105 Z60E	1
28	1264698GT	FORMING, FUSE BLOCK MT, Z60E	1
29	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
30		Ref. WELDMENT,ENGINE TRAY,Z60E (refer to 401.1)	1
31	1264700GT	ISOLATOR,ENGINE VIBRATION	1
32	62160GT	CLAMP,TAILPIPE, 1 1/2"**	
33	1266699GT	FORMING, BRKT, EXHAUST SPRT	1
34	1263650GT	FORMING, FRONT MOUNT	1

405.1 Fuel Hoses and Fittings - Kubota D1105-E4B



Item	Part No.	Description	Qty.
1	31982GT	CLAMP,HOSE,1 EAR, 15/32	
2	54123GT	CLAMP,HOSE,1 EAR, 5/8	
3	35418GT	HOSE,FUEL,3/16,SAE 30R7	167 inches
4	27089GT	HOSE,5/16 FUEL,SAE 30R7	17 inches
5	824872GT	FITTING,3/8NPT TO 3/16BARB,90	
6	27089GT	HOSE,5/16 FUEL,SAE 30R7	177 inches
7	1270466GT	FITTING,3/8NPT TO 5/16BARB,90	
8	48767GT	SLEEVE,NYLON,1.42 ID	12 inches

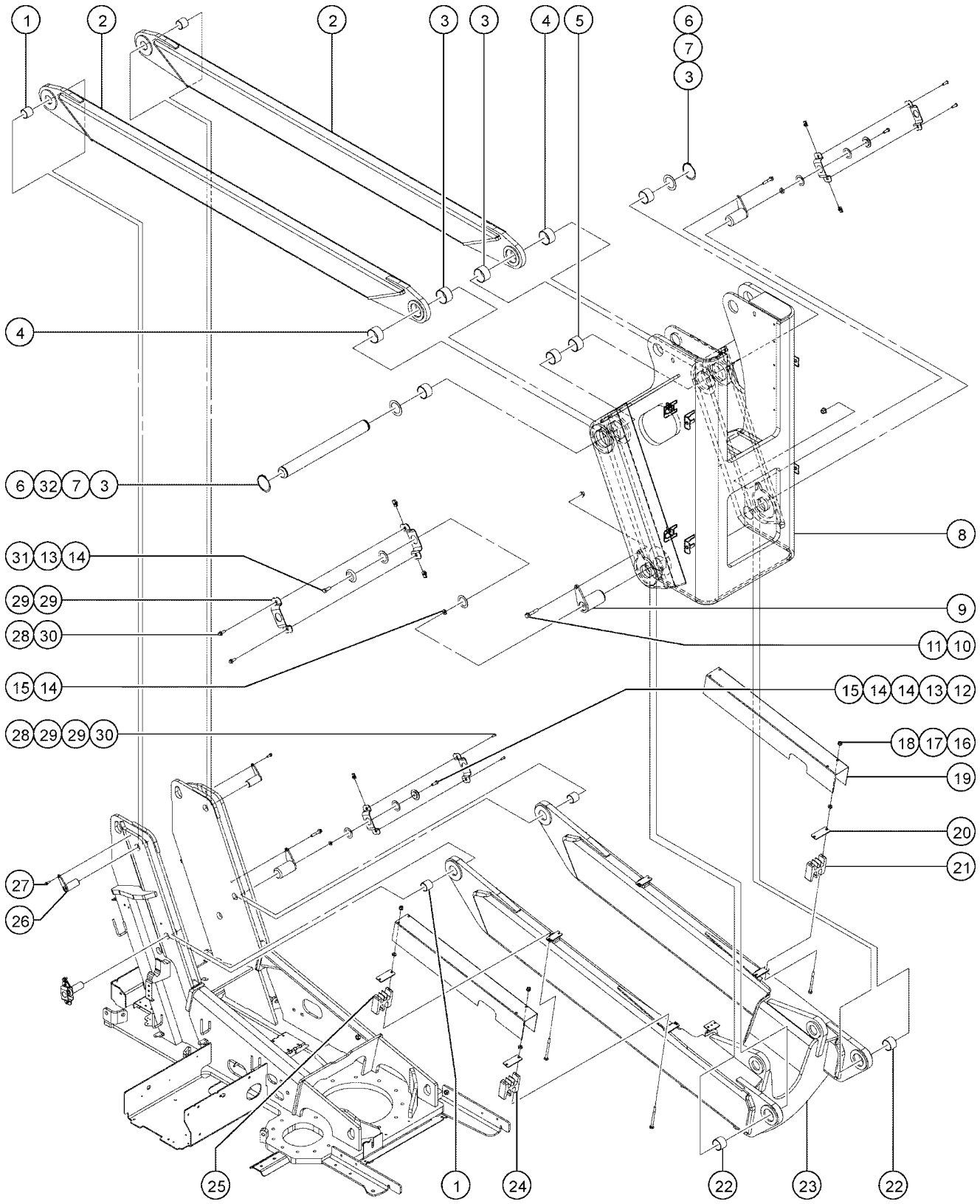
500.1 Boom Layout



500.1 Boom Layout

Item	*Part No.*	*Description*	*Qty.*
1		Extension Boom (refer to 505.1)	
2		Jib Boom (refer to 507.1)	
3		Lower Secondary Boom (refer to 501.1)	
4		Mid Pivot (refer to 501.1 and 502.1)	
5		Platform Rotator (refer to 507.1)	
6		Primary Boom (refer to 505.1)	
7		Upper Pivot (refer to 503.1)	
8		Upper Secondary Boom (refer to 502.1)	

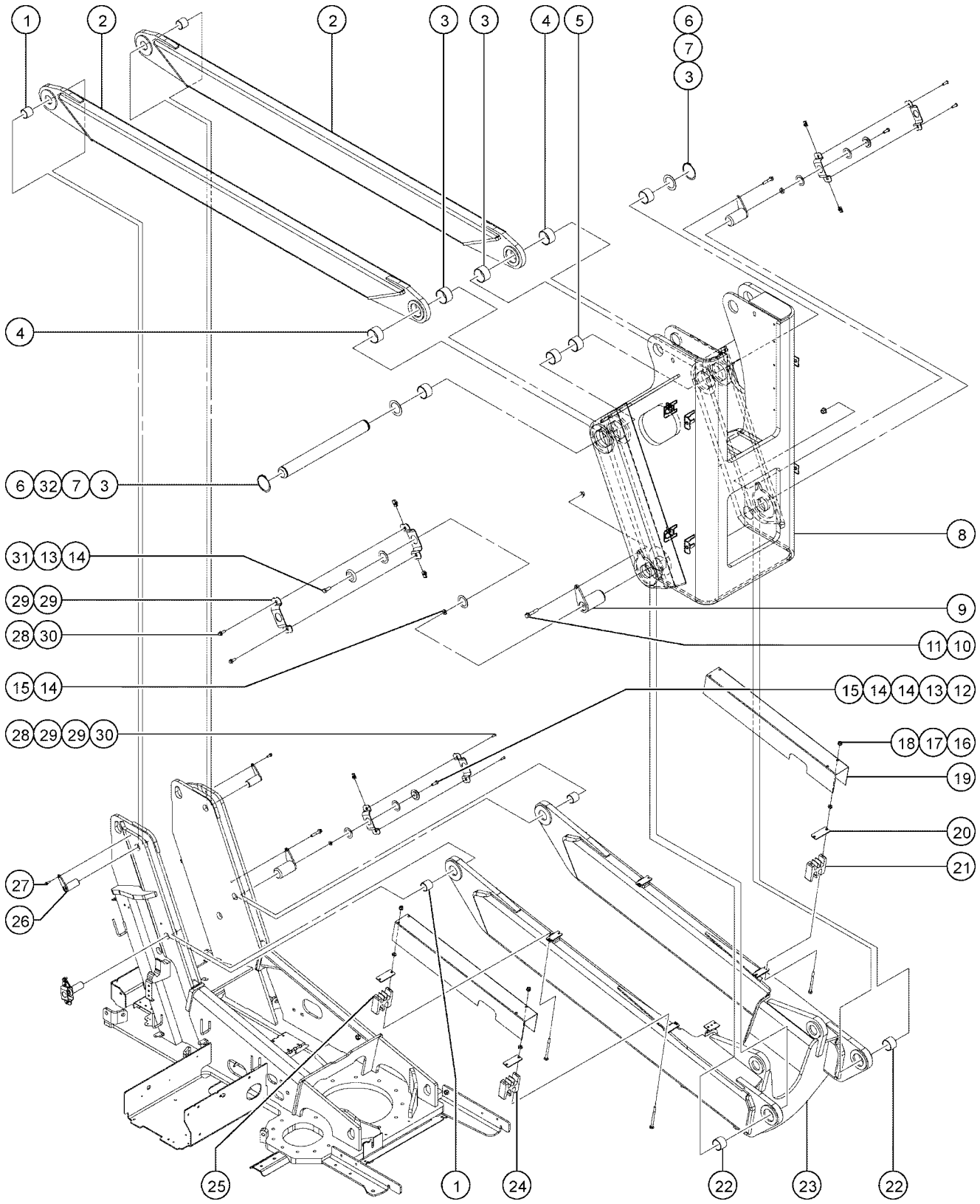
501.1 Secondary Boom, View 1



501.1 Secondary Boom, View 1

Item	Part No.	Description	Qty.
1	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
2	1283648GT	ASSEMBLY, LOWER TENSION ARM, Z60/37	2
3	824634GT	BEARING,2.50IDX2.75ODX1.00LG	4
4	27697GT	BEARING,2.50IDX2.75ODX1.50L	2
5	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
6	825760GT	SNAP RING,EXTERNAL,2.50,ZAG	2
7	1256111GT	WASHER,SHIM,2.5X4X.062,ZAG	2
8	1267157GT	MACHINING, MIDPIVOT	1
9	824639GT	WELDMENT,PIN,2.00DIA.X3.875LG	2
10	1253478GT	SCREW,HHF,3/8-16X2,8,ZAG	2
11	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	2
12	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	2
13	1254063GT	RETAINER,GUIDE CABLE	4
14	1254060GT	WASHER,UHMW	8
15	1254061GT	SPACER,3/8ID X 3/4OD	4
16	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	8
17	824037GT	NUT, HH JAM, 1/4-20, A, ZAG	8
18	1258730GT	BOLT,CARRIAGE,1/4-20X3.75,5,ZAG	8
19	1261553GT	FORMING,COVER ARMS	2
20	1261563GT	PLATE,CLAMP	4
21	1265494GT	CLAMP, ELECTRICAL, Z60E	2
22	18720GT	BEARING,2.0IDX2.25ODX1.50L	2
23	1283655GT	ASSEMBLY, Z60/37 LOWER COMP ARM W/BEARINGS (includes item 22, 1, p/n 824631)	1
23-	1283656GT	MACHINING, LOWER COMP. ARM Z60E	1
24	1257292GT	CLAMP-HOSES	2
25	1258732GT	CLAMP-HOSES	1
26	1254359GT	WELDMENT,PIN,1.5 DIA.X 3.75LG	4
27	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	4

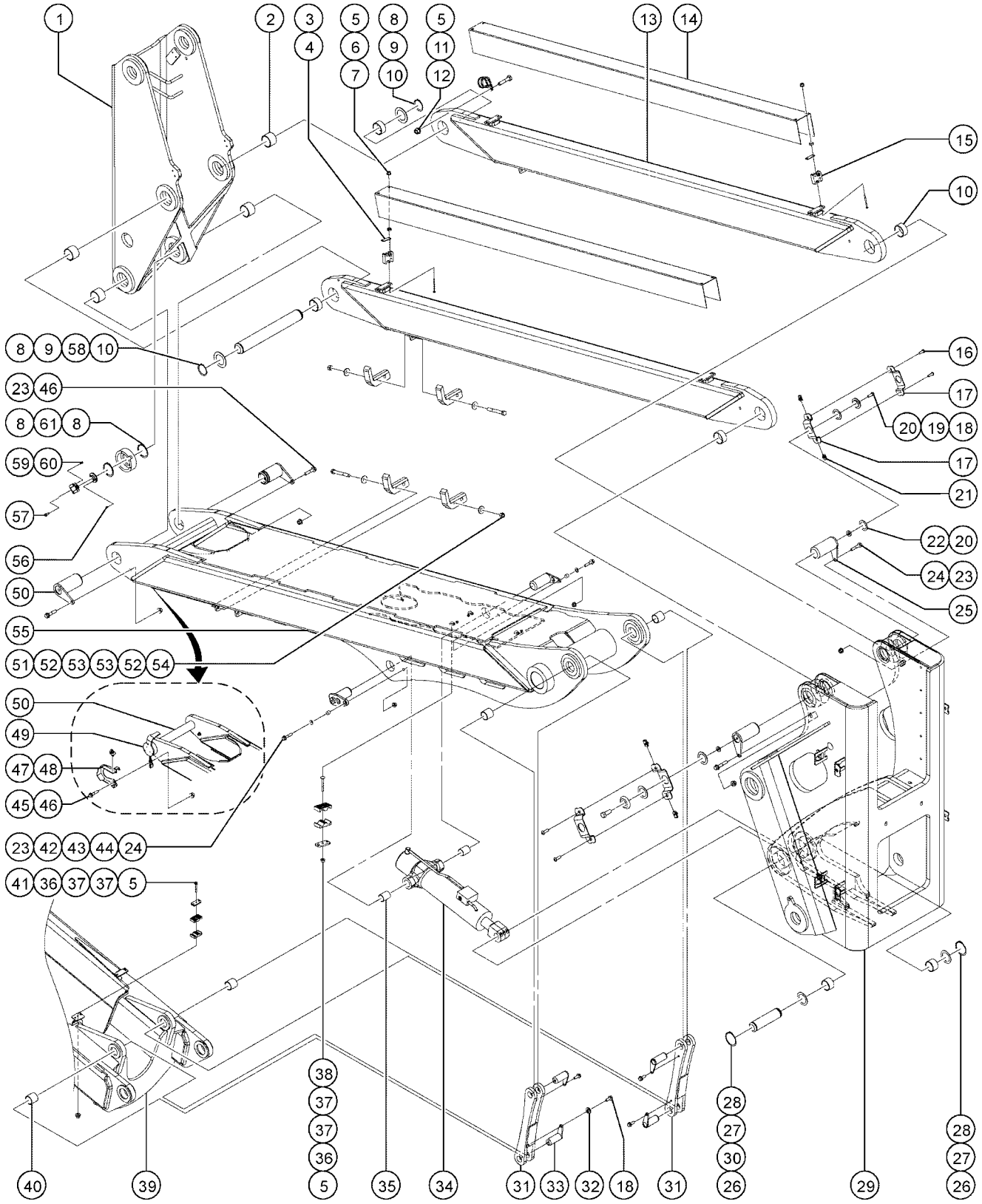
501.1 Secondary Boom, View 1



501.1 Secondary Boom, View 1

Item	Part No.	Description	Qty.
28	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4
29	1254062GT	CLAMP,GUIDE CABLE	8
30	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
31	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	2
32	824641GT	PIN,2.50DIAX25.625LG,2RING	1

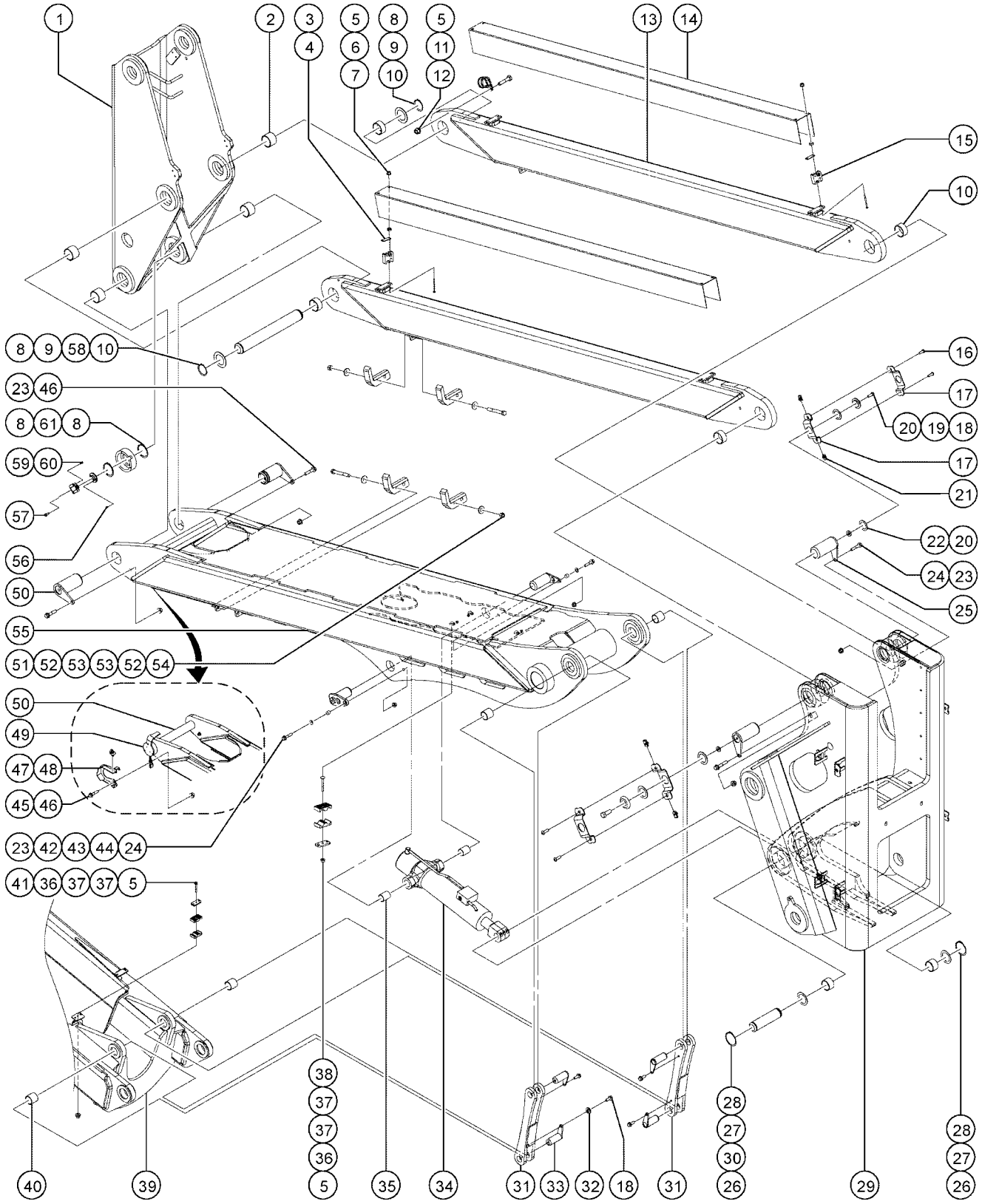
502.1 Secondary Boom, View 2



502.1 Secondary Boom, View 2

Item	Part No.	Description	Qty.
1		Ref., Upper Pivot (refer to 503.1)	1
2	18720GT	BEARING,2.0IDX2.25ODX1.50L	4
3	1261563GT	PLATE,CLAMP	4
4	1257292GT	CLAMP-HOSES	2
5	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	12
6	824037GT	NUT, HH JAM, 1/4-20, A, ZAG	8
7	1258730GT	BOLT,CARRIAGE,1/4-20X3.75,5,ZAG	8
8	1253815GT	SNAP RING,EXTERNAL,2.00,ZAG	4
9	237827GT	WASHER,FLAT,2.00X3.00X.075,ZAG	2
10	824645GT	BEARING,2.00IDX2.25ODX1.00LG	6
11	77180GT	CLAMP,1.31,#21 X 3/8,RUB CUSH	1
12	824061GT	SCREW, HHC, 1/4-20 X 1.25, 8, ZAG	1
13	1274436GT	ASSY,UPPER COMPRESSION ARM (includes item 10)	2
14	1261554GT	FORMING,COVER ARMS	2
15	1265494GT	CLAMP, ELECTRICAL, Z60E	2
16	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4
17	1254062GT	CLAMP,GUIDE CABLE	4
18	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	6
19	1254063GT	RETAINER,GUIDE CABLE	2
20	1254060GT	WASHER,UHMW	4
21	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	16
22	1254061GT	SPACER,3/8ID X 3/4OD	2
23	1253478GT	SCREW,HHF,3/8-16X2,8,ZAG	6
24	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4
25	824639GT	WELDMENT,PIN,2.00DIA.X3.875LG	2
26	825759GT	SNAP RING,EXTERNAL,1.75,ZAG	2
27	1256184GT	WASHER,FLAT,1.78X2.75X.057,ZAG	2
28	217632GT	BEARING,1.75IDX2.00ODX1.18L	2

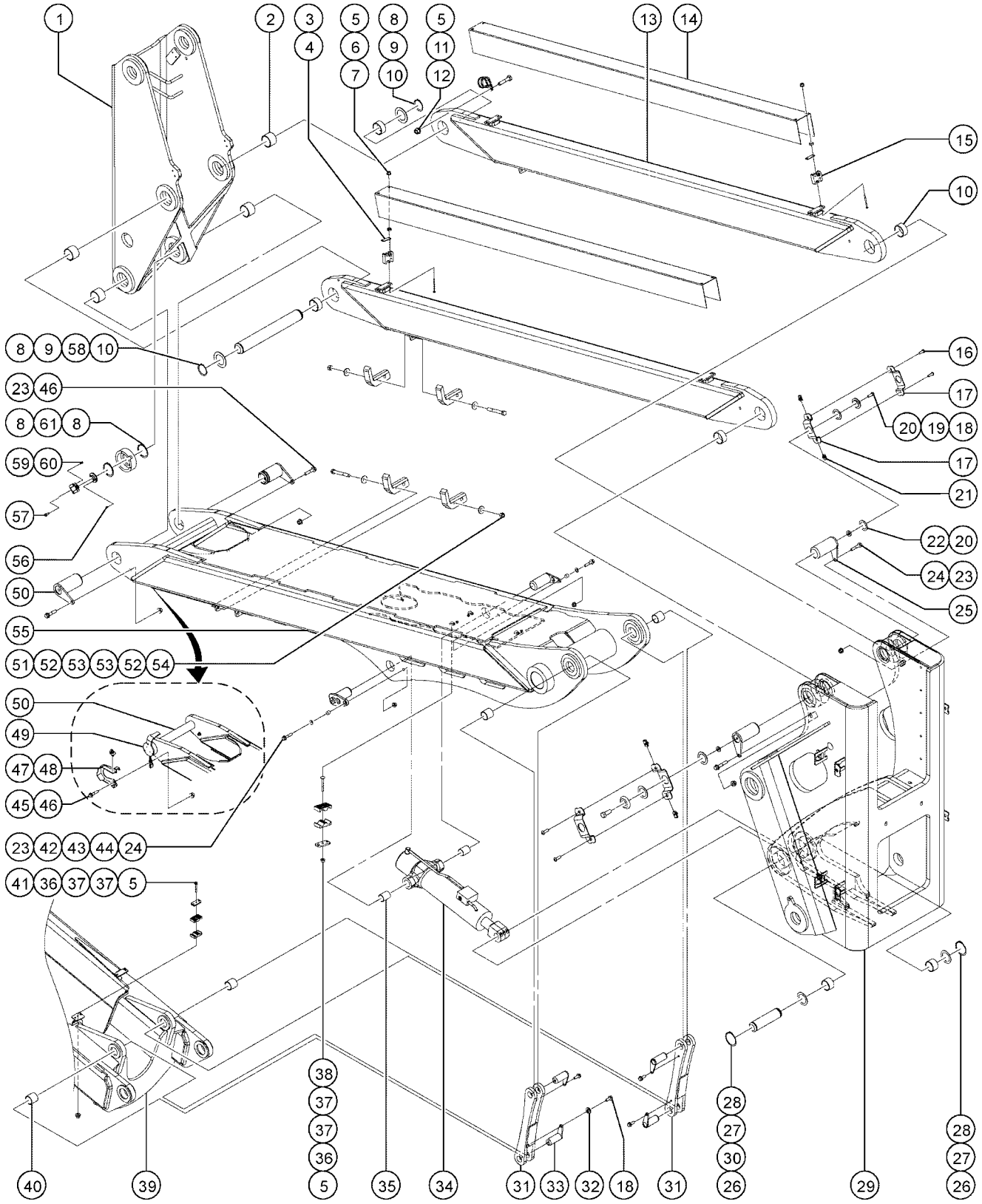
502.1 Secondary Boom, View 2



502.1 Secondary Boom, View 2

Item	Part No.	Description	Qty.
29		Ref., Mid Pivot (refer to 501.1)	1
30	1269001GT	WELDMENT, PIN, 1.75 DIA X 6.75	1
31	1270010GT	MACHINING,TIMING LINK	2
32	1268753GT	WASHER,NORD-LOCK,3/8	4
33	824646GT	WELDMENT,PIN,1.5DIA.X 3.5LG	4
34	1279591GT	CYLINDER,SECONDARY LIFT (includes item 35)	1
34-	1279596GT	SEAL KIT	
34-	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000 (not shown)	
34-	48916GT	CONN, 520120-6 (not shown)	
34-	160732GT	SCREW,SHC,M12-1.75X35,DIN912,12.9,ZAB	6
35	39274GT	BEARING,1.75IDX2.00ODX2.50L	2
36	96196GT	PLATE, HOSE ROUTING, BULKHEAD	3
37	1264374GT	CLAMP,2 HOSE,PLASTIC,#6	3
38	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG	3
39		Ref., Lower Compression Arm (refer to 501.1)	
40	824631GT	BEARING,1.50IDX1.75ODX1.63LG	4
41	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	1
42	1255758GT	WASHER,FLAT,3/8,USS,ZAG	
43	45400GT	SPACER TUBE,.50 LG	
44	1262407GT	WELDMENT,PIN,1.75DIA X 4.375LG	2
45	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG	1
46	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	2
47	1288610GT	WELDMENT, SENSOR GUARD	1
48	110149GT	CABLE TIE,DFT MOUNT,BLK,6.5"	1
49	1268506GT	CARRIER, SENSOR, PRIM	1
50	1288607GT	WELDMENT, SENSOR PIN, 2.00DIA. X 16.07LG	1
51	1274166GT	NUT,NYLOCK,3/8-16,C,ZAG	
52	1255758GT	WASHER,FLAT,3/8,USS,ZAG	28

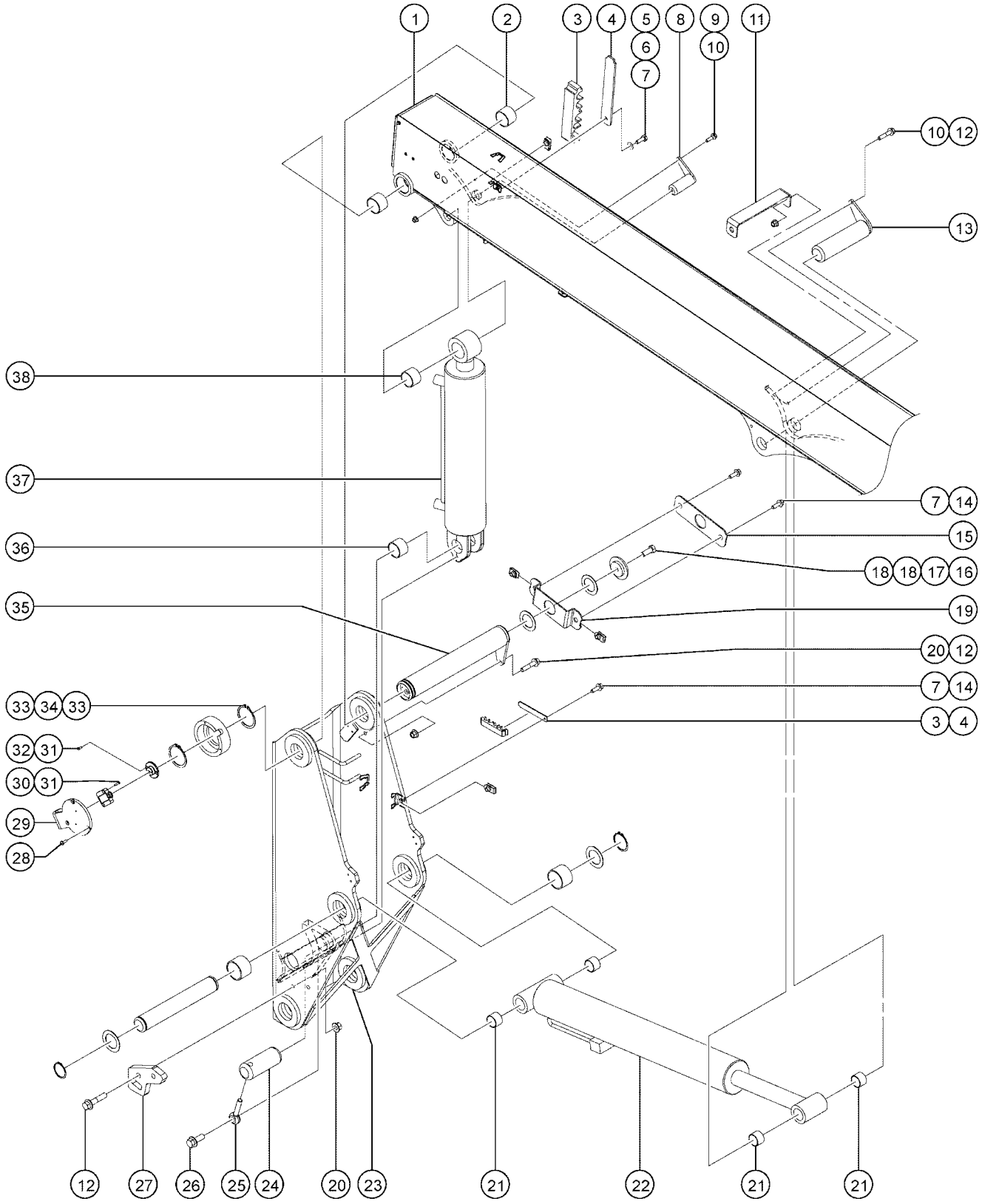
502.1 Secondary Boom, View 2



502.1 Secondary Boom, View 2

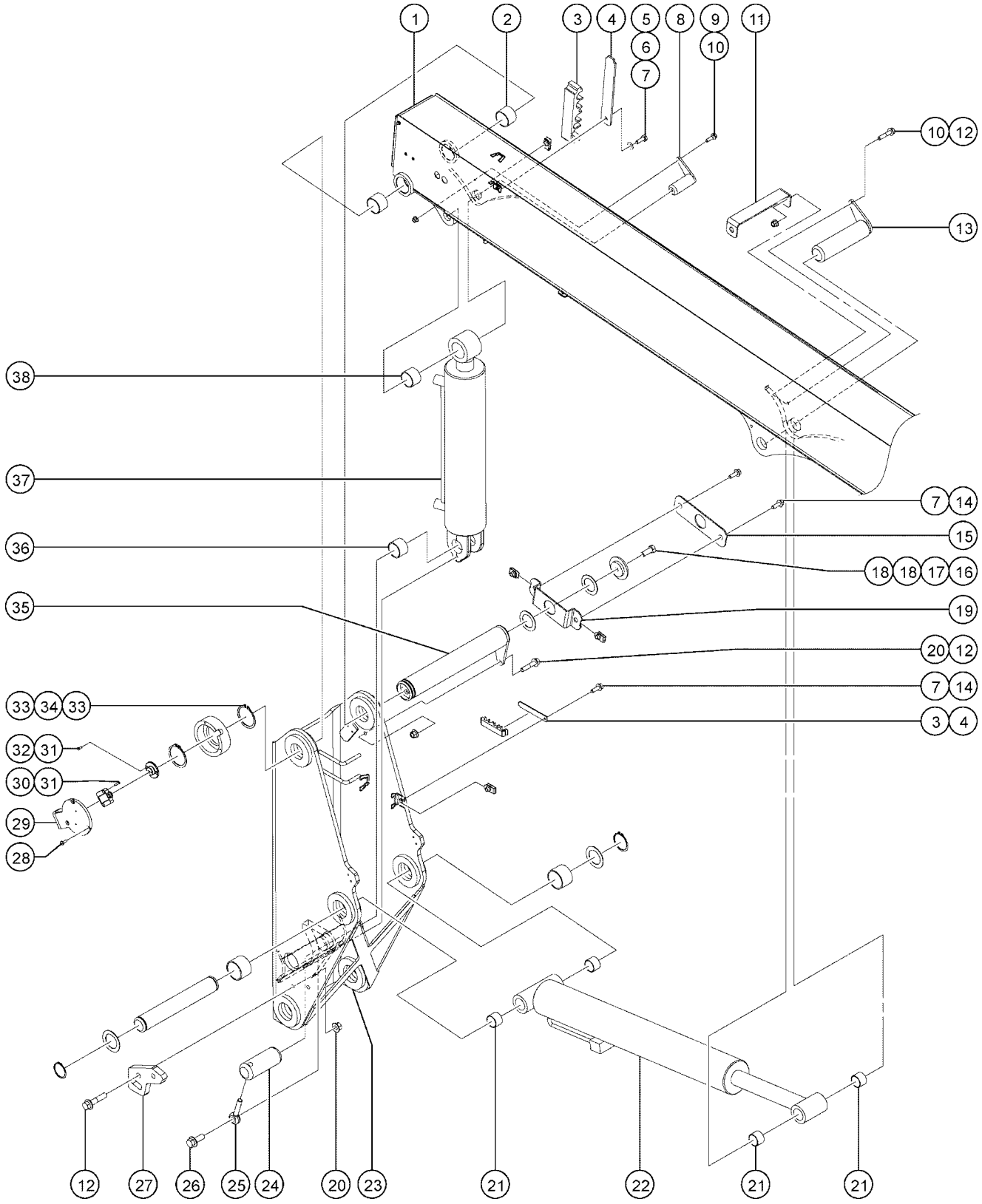
Item	Part No.	Description	Qty.
53	1263999GT	GUIDE, UPPER COMP ARM	12
54	1260940GT	SCREW,HHC,3/8-16X3,8,ZAG	12
55	1274769GT	MACHINING UPPER TENSION ARM	1
56	237242GT	SCREW,FHS,M3-0.5X8,DIN7991,10.9,ZAB	2
57	1256479GT	SCREW,PHPM,10-24X.50,ZAG	3
58	824649GT	PIN,2.00DIAX15.5LG,2RING	1
59	237241GT	SCREW,FHS,M3-0.5X14,DIN7991,10	2
60	1269766GT	ASSEMBLY, ROTARY SENSOR, 130 DEG, CW Sensor and magnet are matched and must be replaced at the same time. Machine calibration is required after installation.	1
60-	119066GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, ENDCAP	
60-	101199-200GT	SHRINK TUBE,BLACK,RHW,1/2,3:1	
60-	60441GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, LOCK for 119066GT	
60-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE for 119066GT	
61	1268505GT	HOUSING, SENSOR, PRIMARY	1

503.1 Upper Pivot



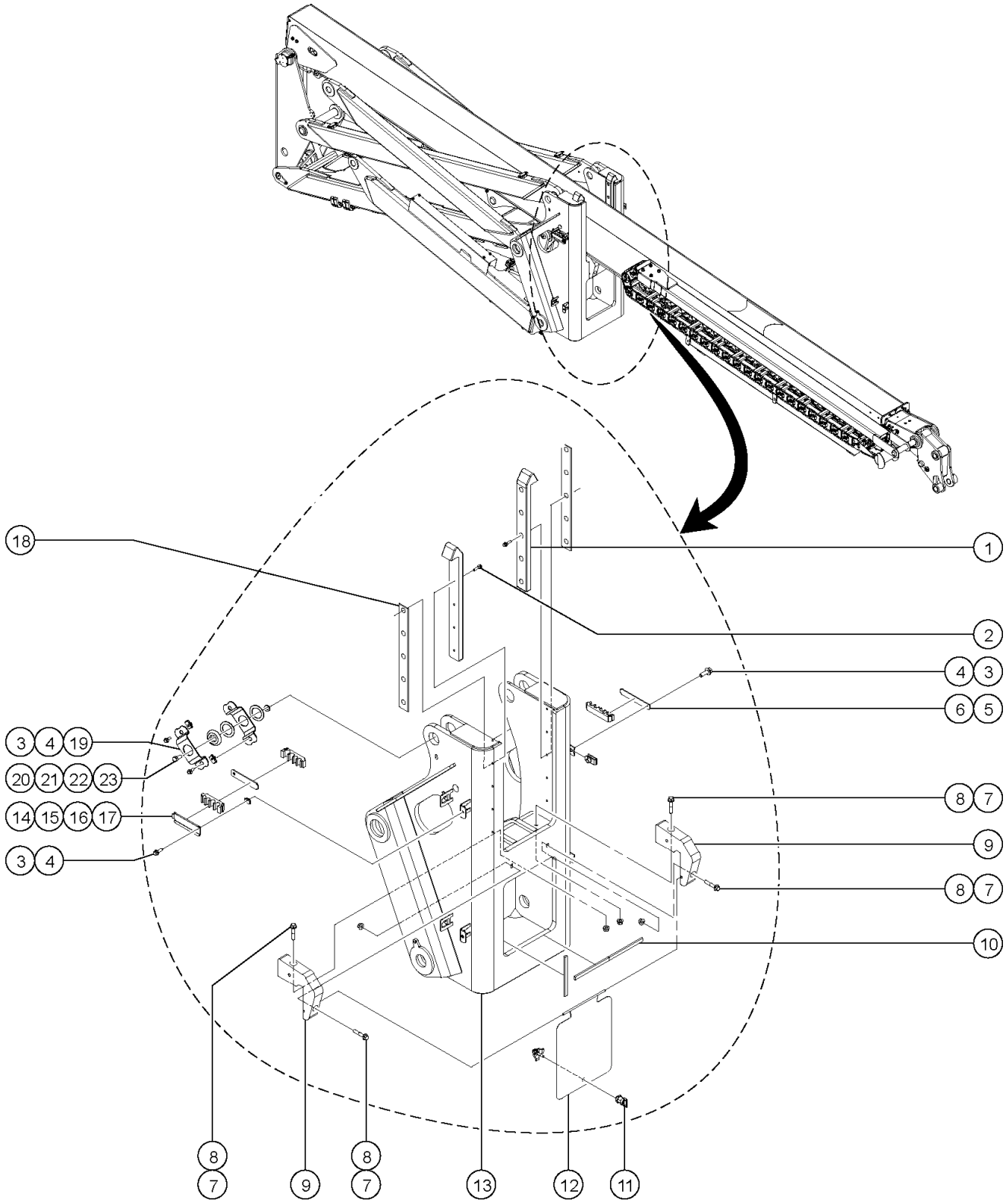
Item	Part No.	Description	Qty.
1		Ref., Primary Boom Assembly (refer to 505.1)	
2	123188GT	BEARING,2.00IDX2.50ODX1.50L	2
3	1251491GT	CLAMPING BLOCK, CABLE	2
4	1265717GT	BRACKET,HOSE CLAMP	2
5	824059GT	SCREW, HHC, 1/4-20 X .75, 8, ZAG	1
6	824113GT	WASHER,FLAT,USS,1/4,ZAG	1
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
8	824646GT	WELDMENT,PIN,1.5DIA.X 3.5LG	1
9	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	1
10	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
11	1270399GT	FORMING,HOSE TRAY MID SUPPORT	1
12	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG	4
13	824651GT	WELDMENT,PIN,2.0DIA.X 7.125LG	1
14	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	3
15	1264495GT	CLAMP,CABLE GUIDE	1
16	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	1
17	1254063GT	RETAINER,GUIDE CABLE	1
18	1254060GT	WASHER,UHMW	2
19	1264496GT	CLAMP,GUIDE CABLE	1
20	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	3
21	18720GT	BEARING,2.0IDX2.25ODX1.50L	6
22	1279589GT	CYLINDER, PRIMARY LIFT (includes item 21)	1
22-	1279594GT	SEAL KIT, 1279589 CYLINDER	
22-	61602GT	VALVE,COUNTERBAL.CBBB-LHN@3500 (not shown)	
23	1274767GT	MACHINING, UPPER PIVOT	1
24	94221GT	PIN,1.50DIAX3.75LG,1HOLE	1
25	1255452GT	ROD END,.375 X 2.25,ZAG	1
26	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	1

503.1 Upper Pivot



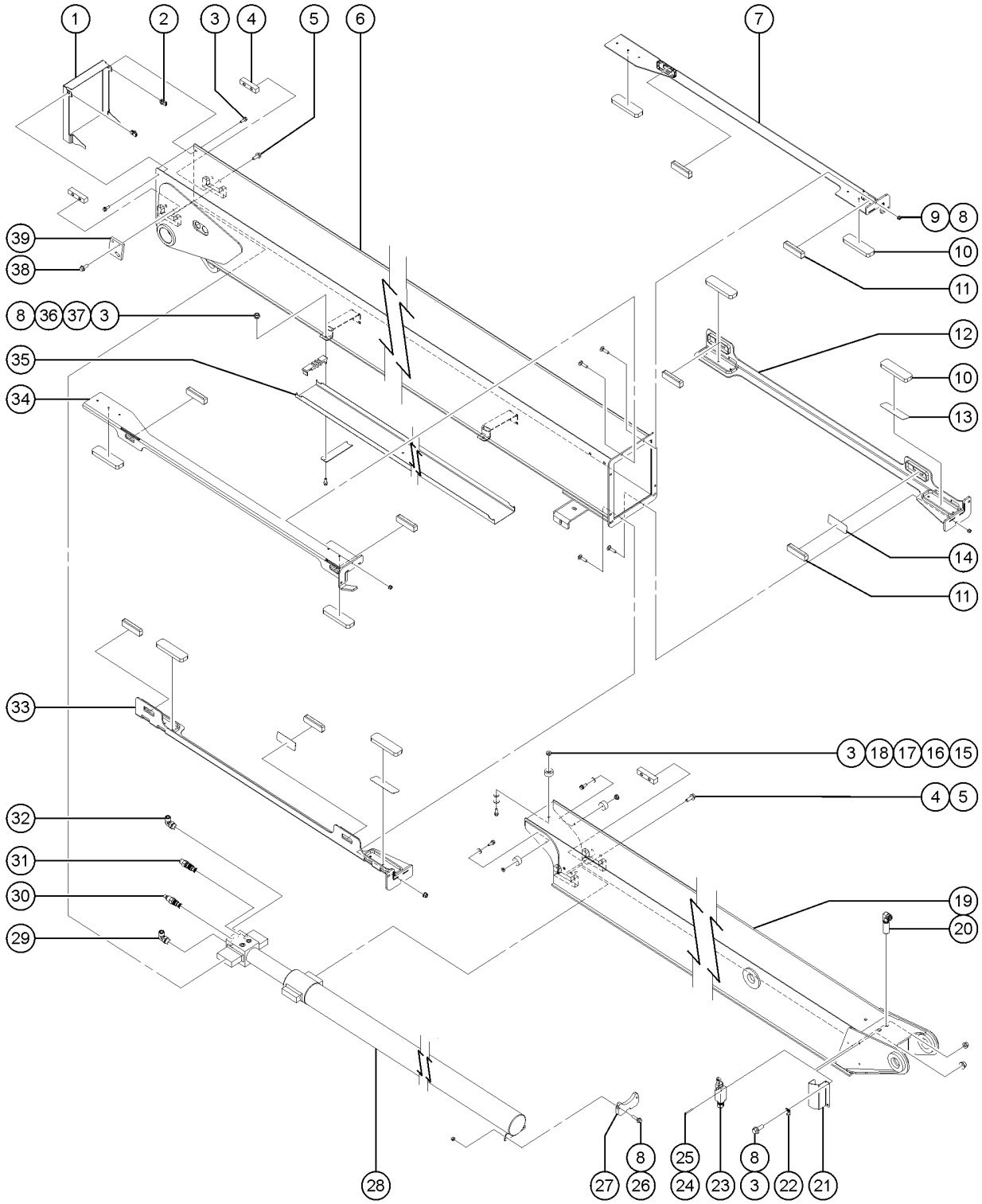
Item	Part No.	Description	Qty.
27	1288609GT	PLATE, ANGLE SENSOR STOP, SECONDARY	1
28	1256479GT	SCREW,PHPM,10-24X.50,ZAG	1
29	1268506GT	CARRIER, SENSOR, PRIM	1
30	237241GT	SCREW,FHS,M3-0.5X14,DIN7991,10	2
31	1269766GT	ASSEMBLY, ROTARY SENSOR, 130 DEG, CW Sensor and magnet are matched and must be replaced at the same time. Machine calibration is required after installation.	1
31-	101199-200GT	SHRINK TUBE,BLACK,RHW,1/2,3:1	
31-	119066GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, ENDCAP	
31-	60441GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, LOCK	
31-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
32	237242GT	SCREW,FHS,M3-0.5X8,DIN7991,10.9,ZAB	2
33	1253815GT	SNAP RING,EXTERNAL,2.00,ZAG	2
34	1268505GT	HOUSING, SENSOR, PRIMARY	1
35	1268507GT	WLDMT, SENSPIN,2.00IDX13.1LG	1
36	18396GT	BEARING,1.5IDX1.75ODX1.0L	1
37	1279590GT	CYLINDER, MASTER (includes item 38)	1
37-	1279593GT	SEAL KIT	1
38	T108138GT	BEARING,1.50IDX1.75ODX2.00L	1

504.1 Upper Pivot and Primary Boom Rests



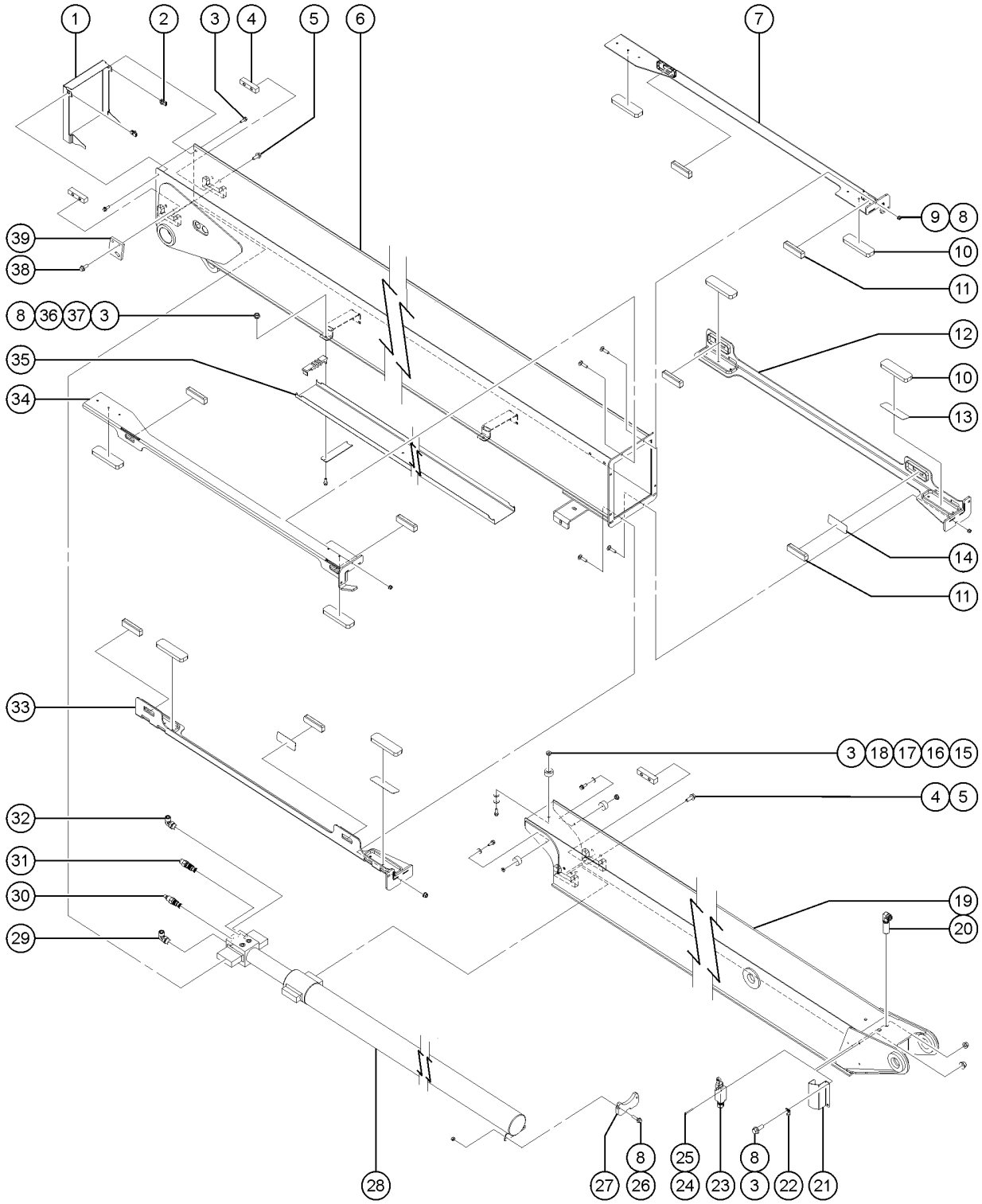
Item	Part No.	Description	Qty.
1	1263527GT	GUIDE BOOM	2
2	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	10
3	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	12
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	12
5	1251493GT	BRACKET, HOSE CLAMP	2
6	1251491GT	CLAMPING BLOCK, CABLE	2
7	1253478GT	SCREW,HHF,3/8-16X2,8,ZAG	4
8	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4
9	1254372GT	BOOM REST	2
10	1259930GT	SEAL, RIBBED FOAM, 5.00"	
11	214238GT	LATCH,SOUTHCO E3-57-65	1
12	1257268GT	ASSY,COVER	4
13		Ref., Mid Pivot (refer to 501.1)	1
14	1259835GT	FORMING, HOSE CLAMP BRKT	2
15	1251586GT	CLAMPING BLOCK,HYD	2
16	1251707GT	BRKT,HOSE CLAMP	2
17	1251585GT	CLAMPING BLOCK,HYD	2
18	1269351GT	PLATE, TAPPED	2
19	1254062GT	CLAMP,GUIDE CABLE	8
20	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	4
21	1254063GT	RETAINER,GUIDE CABLE	4
22	1254060GT	WASHER,UHMW	8
23	1270356GT	SPACER,3/8ID X 3/4OD	4

505.1 Primary and Extension Booms



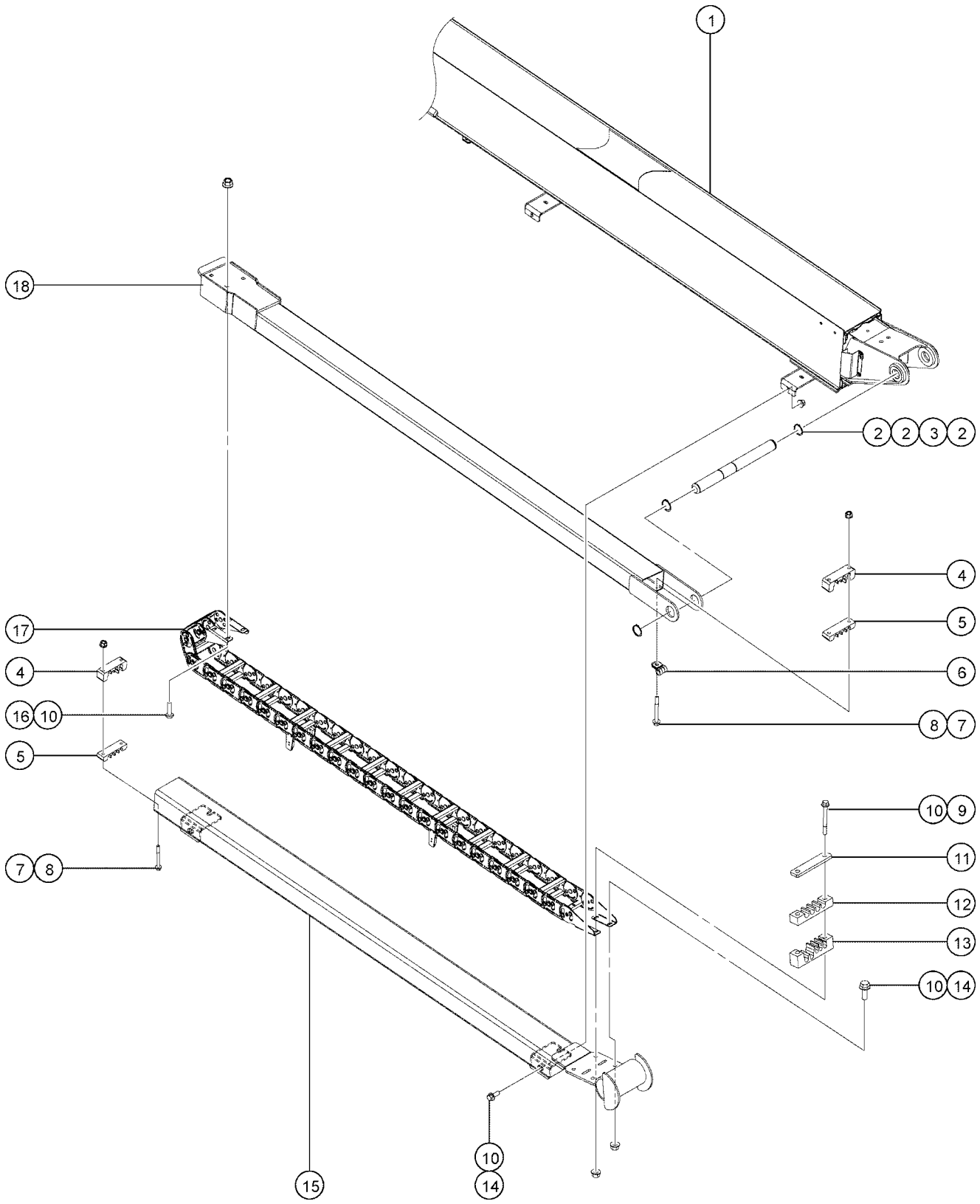
Item	Part No.	Description	Qty.
1	1255383GT	COVER, REAR #1 BOOM	1
2	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
3	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
4	1270090GT	RETAINER, EXT CYL SADDLE	4
5	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	8
6	1270391GT	ASSY,#1 BOOM W.BEARINGS	1
6-	123188GT	BEARING,2.00IDX2.50ODX1.50L	2
7	1270080GT	WELDMENT,UPPR WEARPAD FRAME,RH	1
8	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
9	1256127GT	BOLT,CARRIAGE,1/4-20X1",GR 5,ZAG	
10	825057GT	WEARPAD,5.59 X 1.59 X .611	8
11	825055GT	WEARPAD,3.74 x 1.24 x .334	8
12	1270075GT	WELDMENT,LWR WEARPAD FRAME,RH	1
13	1262265GT	SHIM, WEAR PAD,1.56X5.56X24GA	2
14	1262264GT	SHIM, WEAR PAD,1.23X3.73X24GA	2
15	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
16	1255014GT	WEAR PAD,ROUND, 1.25OD X .5THK	4
17	824109GT	WASHER, LOCK, 1/4, ZAG from SN Z60M-558	4
18	824113GT	WASHER,FLAT,USS,1/4,ZAG	
19	1270390GT	ASSY, #2 BOOM W.BEARINGS	1
19-	110876GT	BEARING,1.5"ID X 1.75OD X1.25L	
20	61079GT	ELBOW,90D,BULKHEAD,520701-4 from SN Z60M-558	2
21	1270091GT	FORMING, EXT LIMIT SWITCH COVER	1
22	45470GT	CLAMP,0.31,#5 X 1/4,RUB CUSH	1
23	88356-11C03GT	SWITCH,LIMIT,TABULATED,BLUE (boom extend)	1
24	1256144GT	SCREW,PHPM,10-32X1.75,ZAG	
25	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	
26	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2

505.1 Primary and Extension Booms



Item	Part No.	Description	Qty.
27	826234GT	EXT CYL END SUPPORT	1
28	1279587GT	CYLINDER,EXTENSION (includes items 29-32)	1
28-	1279592GT	SEAL KIT, 1279587 CYLINDER	
29	48915GT	ELBOW,90D,520220-6	1
30	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	1
31	824832GT	VALVE,CNTERBAL,CBCA-LHN@3500	1
32	48932GT	FITTING,ELBOW,90D,520220-8***	1
33	1270083GT	WELDMENT,LWR WEARPAD FRAME,LH	1
34	1270085GT	WELDMENT,UPPR WEARPAD FRAME,LH	1
35	1254476GT	FORMING,HOSE TRAY	1
36	1254477GT	CLAMP BLOCK,PRIMARY BOOM	2
37	1270361GT	BAR,HOSE CLAMP	2
38	1256118GT	SCREW,HHC,3/8-16X1.5,8,ZAG	2
39	1268510GT	PLATE, ANGLE SENSOR STOP, PRIMARY	1

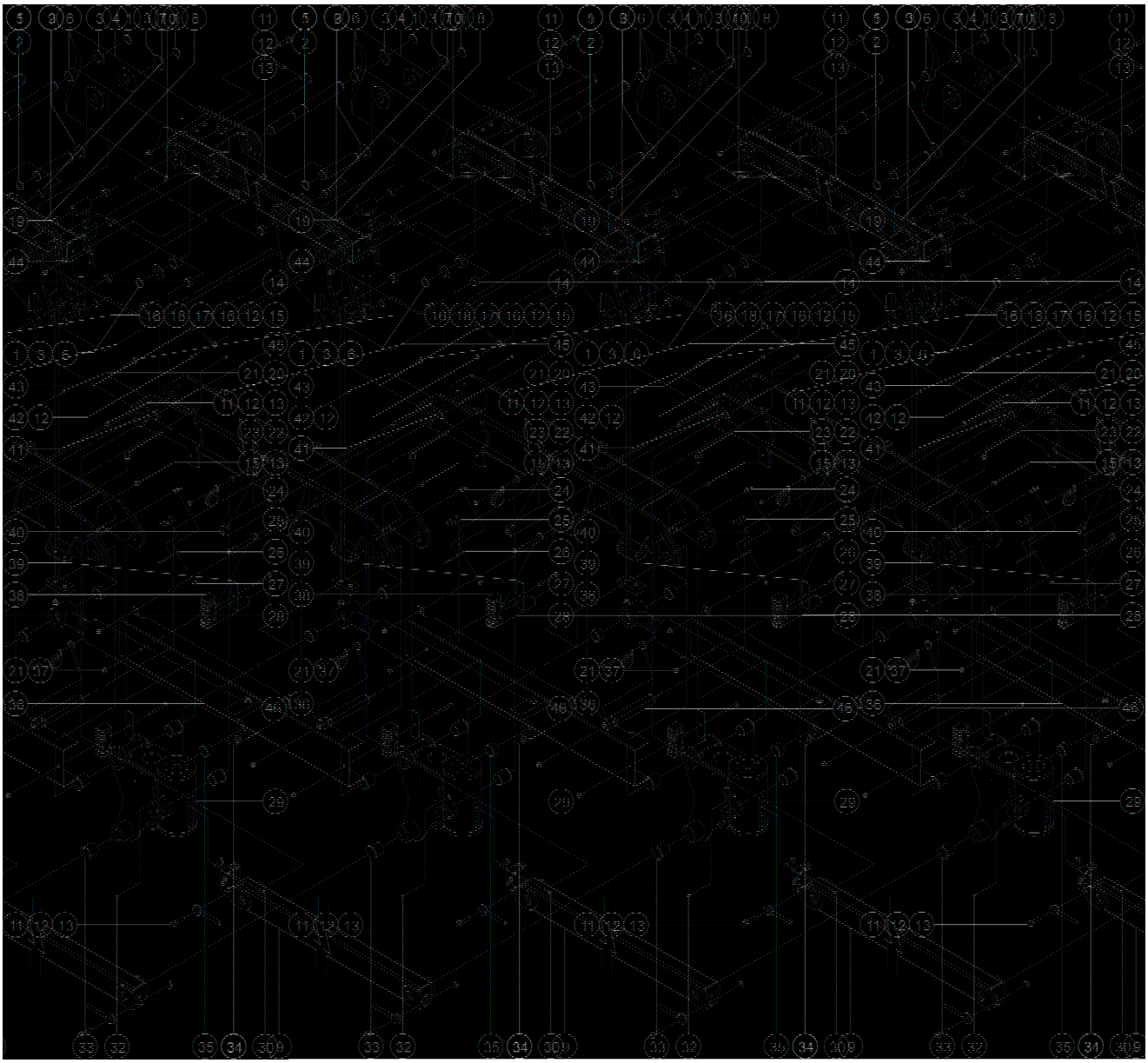
506.1 Cable Track



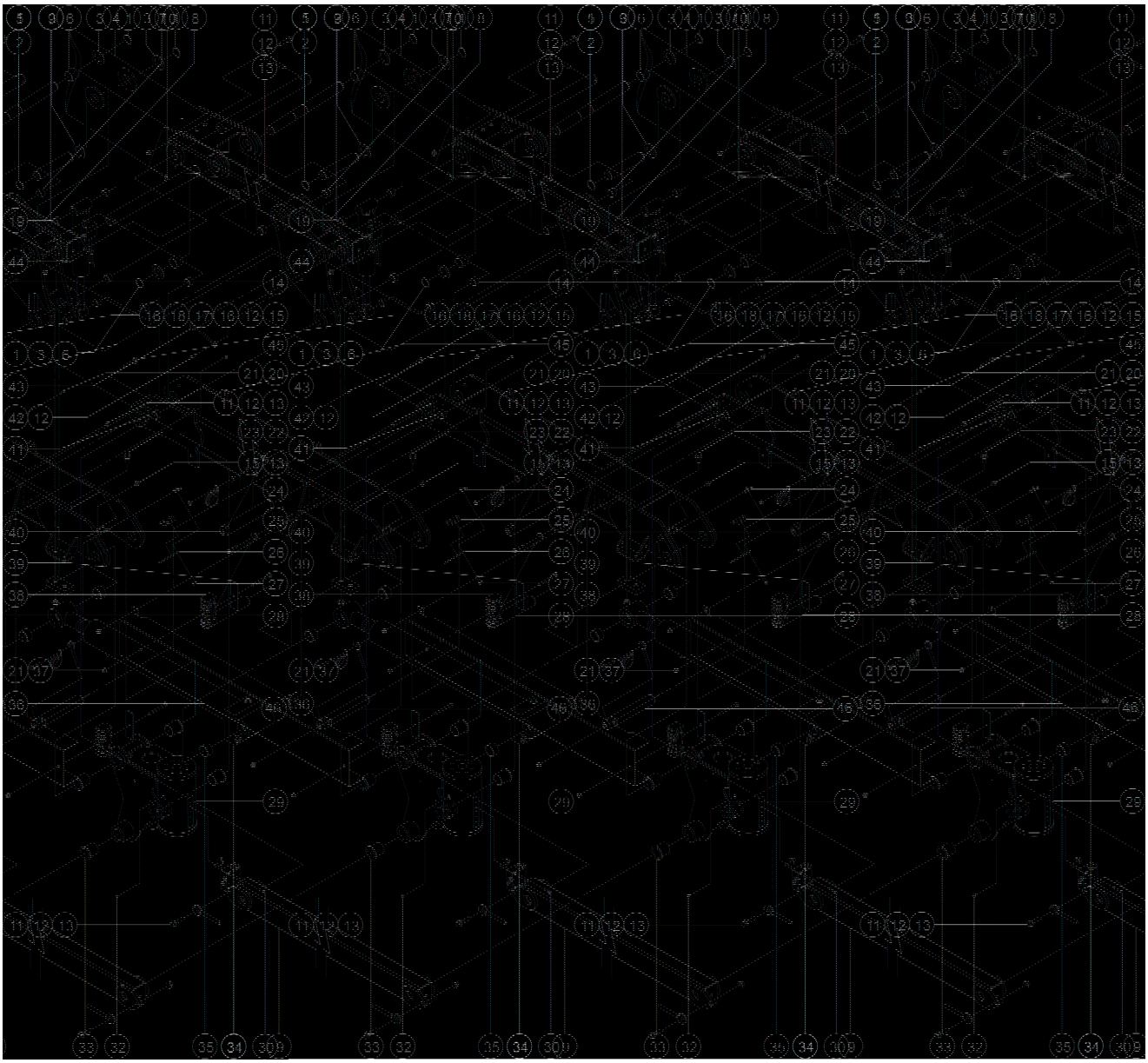
506.1 Cable Track

Item	Part No.	Description	Qty.
1		Ref.WELDMENT,#1 BOOM	1
2	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	3
3		Ref. Pin	1
4	228967GT	CLAMP, CABLE	2
5	824549GT	CLAMP, CABLES	2
6	45470GT	CLAMP,0.31,#5 X 1/4,RUB CUSH	1
7	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
8	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
9	824096GT	SCREW, HHF, 3/8-16 X 3.5, 8, ZAG	2
10	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	12
11	228797GT	BAR, CLAMP, CABLE TRACK	1
12	226325GT	CLAMP, HOSES	1
13	824548GT	CLAMP, CABLES	1
14	1255757GT	BOLT,CARRIAGE,3/8-16X1.25,5,ZAG	
15	1267736GT	WELDMENT, CABLE TRACK TRAY	1
16	824125GT	BOLT, CARRIAGE, 3/8-16 X 1, 5, ZAG	4
17	1272543GT	CABLE TRACK, SX, 24 LINK for machines with long pull tube measuring 94 inches overall length	
17-	122661GT	REPAIR KIT,4 LINK,W/GUIDE for 1272543	
17-	121065GT	FORMING,CLAMP,TOP,CABLE TRACK for 1272543	
17-	121035GT	PIN,1.250 X 9.25, 2 RINGS for 1272543	
17-	1283178GT	ASSEMBLY MOVING END SX TRACK for 1272543	
17-	122663GT	END BRACKET,FIXED END for 1272543	
17-	122668GT	GUIDE FINGER,PLASTIC for 1272543	
17-	218448GT	FINGER,GUIDE,CABLE TRACK for 1272543	
17-	229169GT	FLATBAR, CLAMPS, CABLE TRACK for 1272543	
18A	1273204GT	ASSY,8' PLAT TRI LG, BLANK W/SIDE Swing Gate (includes 2 cable track links and 1261891 moving end bracket)	
18B	1272540GT	WELDMENT, PULL TUBE, CABLE TRACK long pull tube (94 inches)	

507.1 Jib Boom and Platform Rotator

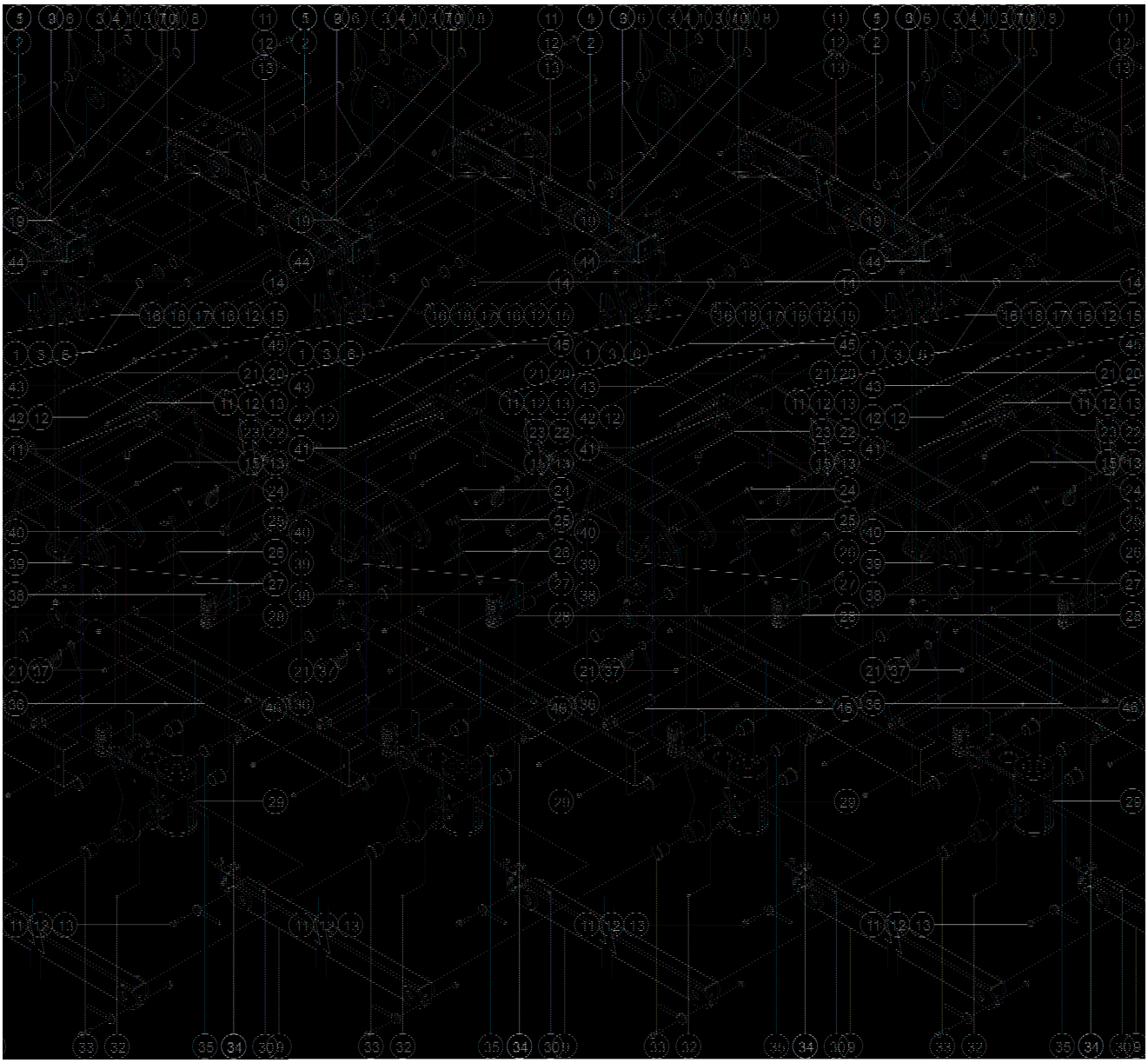


Item	Part No.	Description	Qty.
-	79138GT	SLEEVE,NYLON,2.38 ID,BULK 100'	46 inches
-	48767GT	SLEEVE,NYLON,1.42 ID	23 inches
A	28678-2250GT	SLEEVE,NYLON, 2" ID	2
1	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	4
2	1276427GT	PIN,1.50DIA.X7.47LG,2RING	1
3	1251565GT	WASHER,SHIM,1.56X2.5X.061,ZAG	4
4		Ref. WELDMENT,#2 BOOM (refer to 505.1)	1
5	824990GT	PIN,1.50DIA.X15.63LG,4RING	1
6	110876GT	BEARING,1.5"ID X 1.75OD X1.25L	2
7	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	2
8	1270022GT	ASSY,BELLCRANK,Z62 (includes items 7, 14 and 41)	1
9	1274511GT	MACHINING, COMPRESSION LINK	2
10	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
11	824092GT	SCREW,HHF,3/8-16X1.5,8,ZAG	5
12	825019GT	ROD END, .375X3.69, ZAG	8
13	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	6
14	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	2
15	1253478GT	SCREW,HHF,3/8-16X2,8,ZAG	2
16	1283028GT	NUT,LP NYLOCK,3/8-16,2,ZAG	2
17	825358GT	WASHER,FLAT,5/16,USS,ZAG	1
18	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
19	18396GT	BEARING,1.5IDX1.75ODX1.0L	4
20	1256127GT	BOLT,CARRIAGE,1/4-20X1",GR 5,ZAG	4
21	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	6
22	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	4
23	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	2
23-	48425GT	NUT,FLG-LRG,3/8-16,YZ	



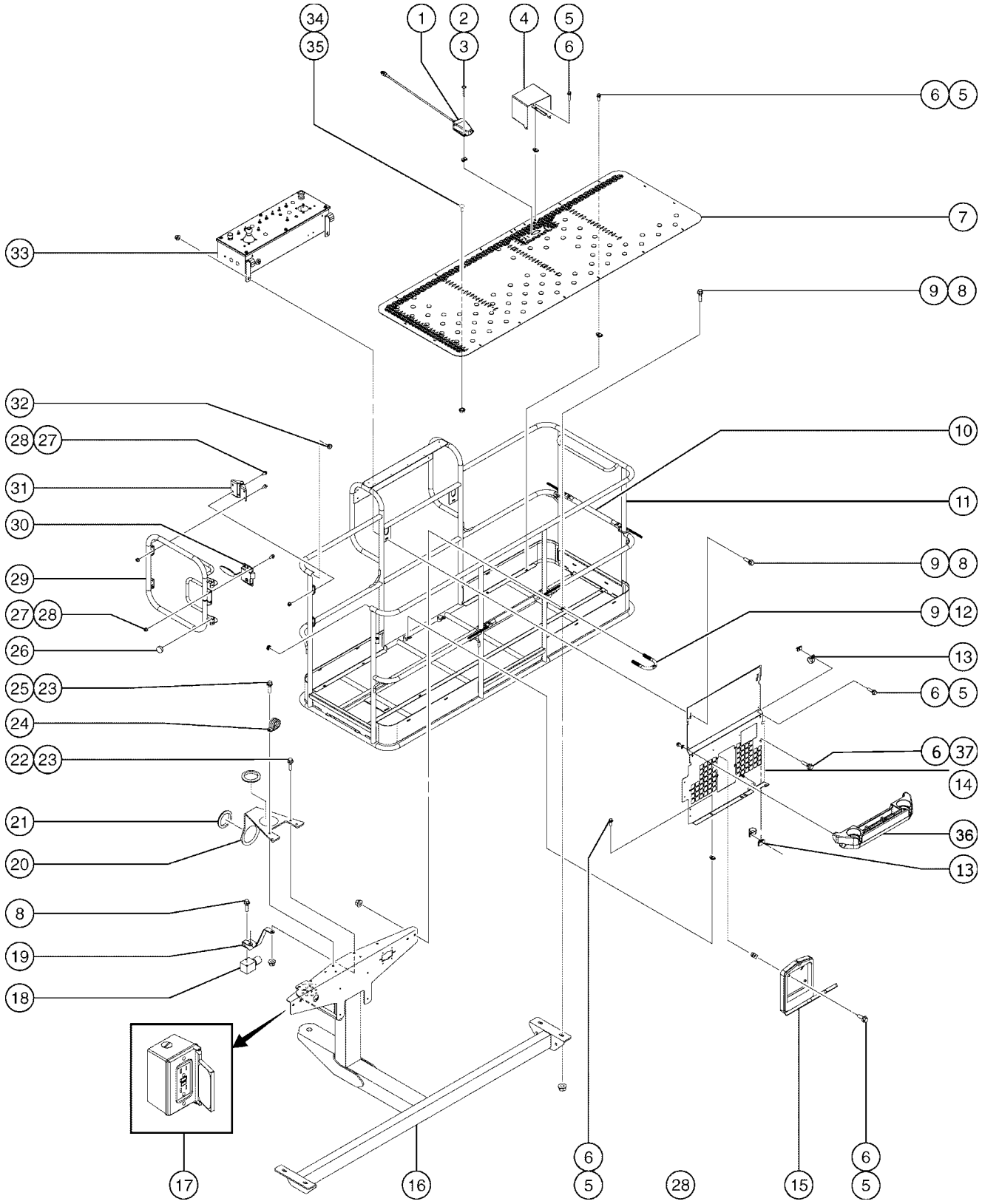
Item	Part No.	Description	Qty.
24	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
25	119542GT	CLAMP,TWO HOSE	1
26	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1
27	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	1
28	T108077GT	PIN,1.25DIAX7.00LG,1HOLE	1
29	94397GT	ROTATOR,PLAT JIB,160 DEG*** (includes items 32-33)	1
29-	122944GT	SEAL KIT,8K ROTATOR***	
29-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER	
30	824081GT	SCREW,HHF,1/4-20X1.5,8,ZAG	3
31		Ref. MANIFOLD, ROTATOR, CB (refer to 701.1)	1
32	88516GT	SCREW,BLEEDER,M5X0.8	2
33	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
34	63213GT	CYLINDER,JIB (STICK BOOMS) (includes item 35)	1
34-	63353GT	SEAL KIT,CYL,S65 (63213)	
34-	33428GT	VALVE,COUNTERBALANCE (not shown)	
35	1262635GT	BUSHING,POLYGON,BM2024-12	4
36	120454GT	COVER, JIB HOSES/CABLES	1
37	1256180GT	BOLT,CARRIAGE,1/4-20X2.75,5,ZAG	2
38	824551GT	CLAMP,HOSE/CABLE,JIB	2
39	120455GT	BACKING PLATE, HOSE BLOCK, JIB	2
40	T108076GT	PIN,1.25DIAX7.88LG,1HOLE	1
41	128268GT	BEARING,FL, 1.25X1.5X2.13	2
42	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	1
43	108855GT	PIN,1.50DIAX5.25LG,1HOLE	1
44	1279588GT	CYLINDER,PLATFORM LEVEL (includes item 19)	1
44-	1279593GT	SEAL KIT	
44-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN	
44-	48905GT	CONNECTOR, 520120-4	

507.1 Jib Boom and Platform Rotator



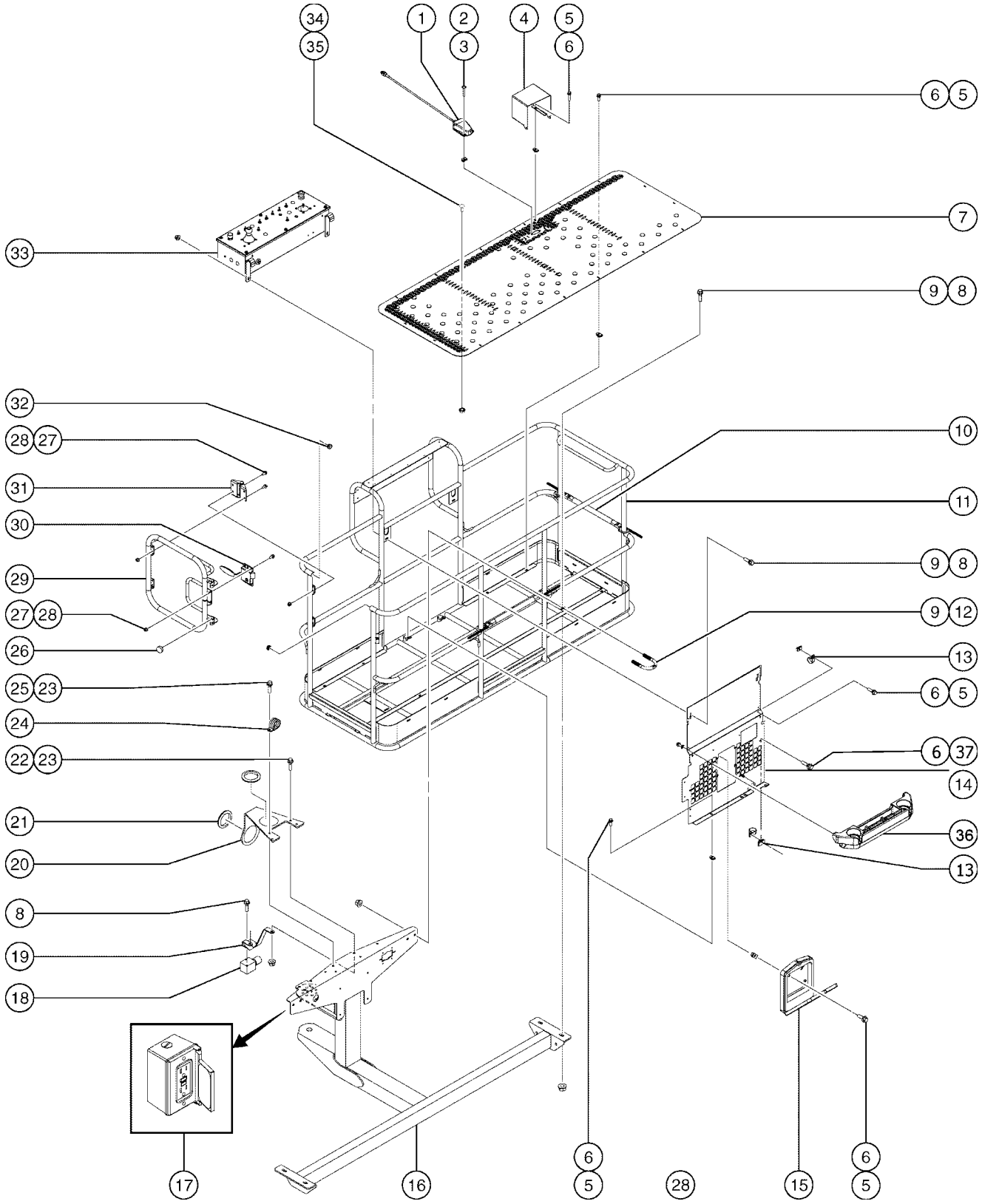
Item	*Part No.*	*Description*	*Qty.*
45	120453GT	MACHINING,5FT JIB BOOM	1
46	T108076GT	PIN,1.25DIAX7.88LG,1HOLE	1

601.1 Platform Components



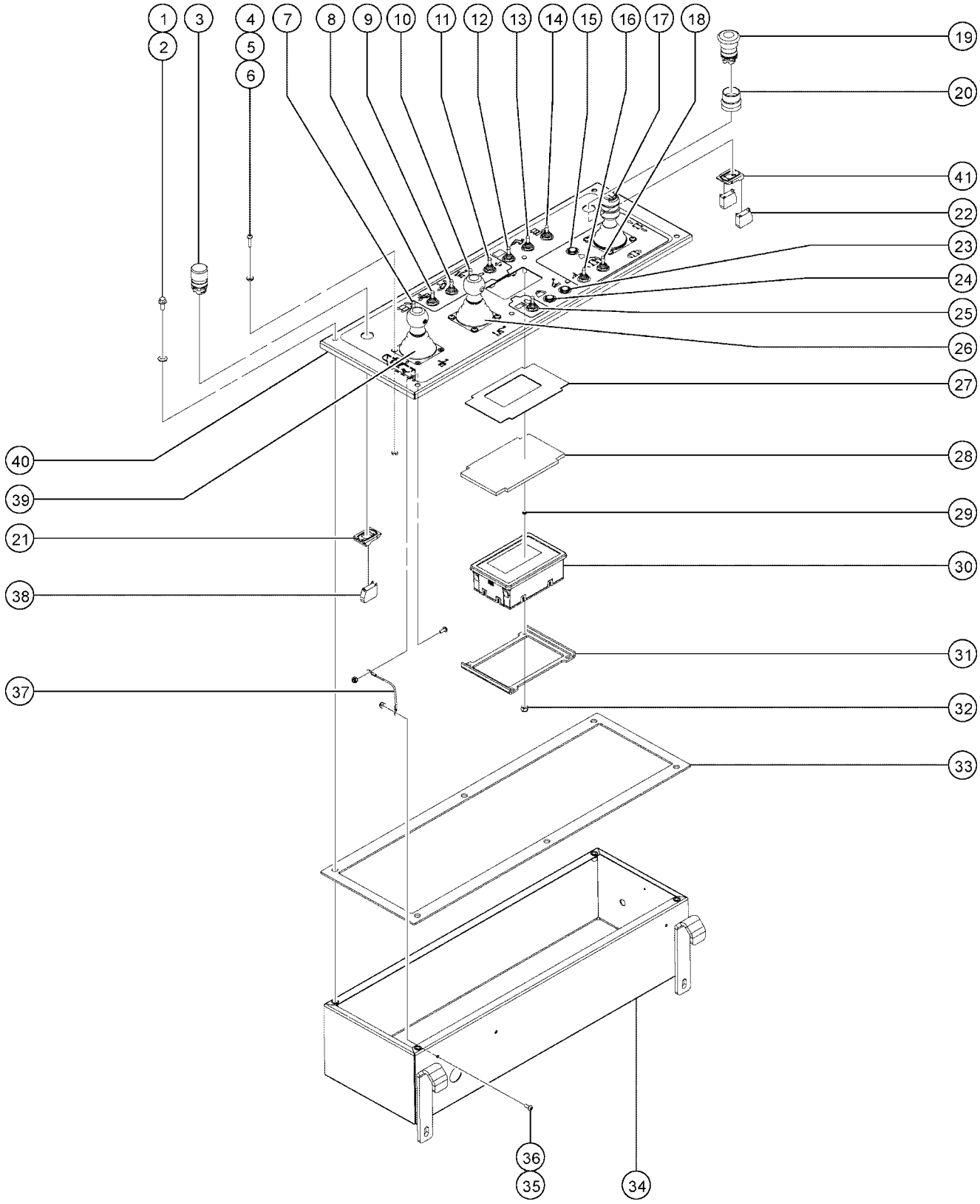
Item	Part No.	Description	Qty.
A	1272304GT	ASSY,8FT PLAT TRI LG,BLANK Complete 8' platform assembly;Order decals separately. refer to Seciton 100.	
B	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK Complete 6' platform assembly;Order decals separately. refer to Seciton 100.	
1	227617GT	ASSEMBLY,FOOT SWITCH	1
1-	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	
1-	227564GT	FOOT SWITCH,20A IP65	
1-	1326087GT	MICRO SWITCH	1
1-	33576GT	CONN,SQZ,1/2NPT,.170-.450	
1-	1257248GT	SCREW, SHC, M4-0.7X8, DIN912,	
1-	1257249GT	WASHER, LOCK, M4, SS	
2	1256460GT	SCREW,PHPM,10-24X1,ZAG	2
3	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	2
4	147121GT	COVER, FOOT SWITCH, LARGE	1
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
7A	73478GT	FLOORING, 8 FT PLATFORM*** for 8' platform	1
7B	1267746GT	FLOORING, 72X30 PLATFORM for 6' platform	1
8	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	7
9	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	10
10A	12448GT	SLIDING MIDRAIL ASSY-STD for 8' platform	2
10B	12448GT	SLIDING MIDRAIL ASSY-STD for 6' platform	1
11A	1274859GT	ASSY,8' PLAT WELDMENT W/SIDE GATE for 8' platform (includes item 10)	
11B	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK	
12	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
13	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	3
14	1275088GT	FORMING, ALUM. DECAL PLATE	1
15	24514GT	BOX, INSTRUCTION STORAGE**	1
16		REF: PLATFORM SUPPORT refer to 804.1	1
17		Ref. POWER AND AIR LINE TO PLATFORM refer to 802.1	

601.1 Platform Components



Item	Part No.	Description	Qty.
18		REF: JIB MANIFOLD refer to 702.1	
19	110671GT	PLATE,JIB,ROTATE MANIFOLD	1
20	106163GT	FORMING,CABLE GUIDE	1
21	55067GT	GROMMET,RUBBER 3 X .19 X 3.5	2
22	824086GT	SCREW,HHF,5/16-18X1,8,ZAG	
23	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	
24	77180GT	CLAMP,1.31,#21 X 3/8,RUB CUSH	1
25	824087GT	SCREW, HHF, 5/16-18 X 1.25, 8, ZAG	
26	43392GT	BUMPER,BATTERY BOX & RAILS	2
27	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	12
28	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	12
29	1272307GT	ASSY,SIDE SWING GATE Complete side swing gate assembly (includes items 26-31)	1
29-	1265397GT	WELDMENT, SWING GATE	
30	1267747GT	LATCH, SWING GATE	1
31	104804GT	HINGE, SPRING, LONG LEG	1
32	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
33		REF. PLATFORM CONTROL BOX ASSEMBLY refer to 603.1 and 604.1	1
34	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	
35	1256679GT	NUT,SERRATED,1/4-20,8,ZAG	
36	1275089GT	KIT, PLATFORM WORK TRAY use until exhausted, Replaced by 1289552	1
36B	1289552GT	KIT, PLATFORM WORK TRAY	1
37	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	3

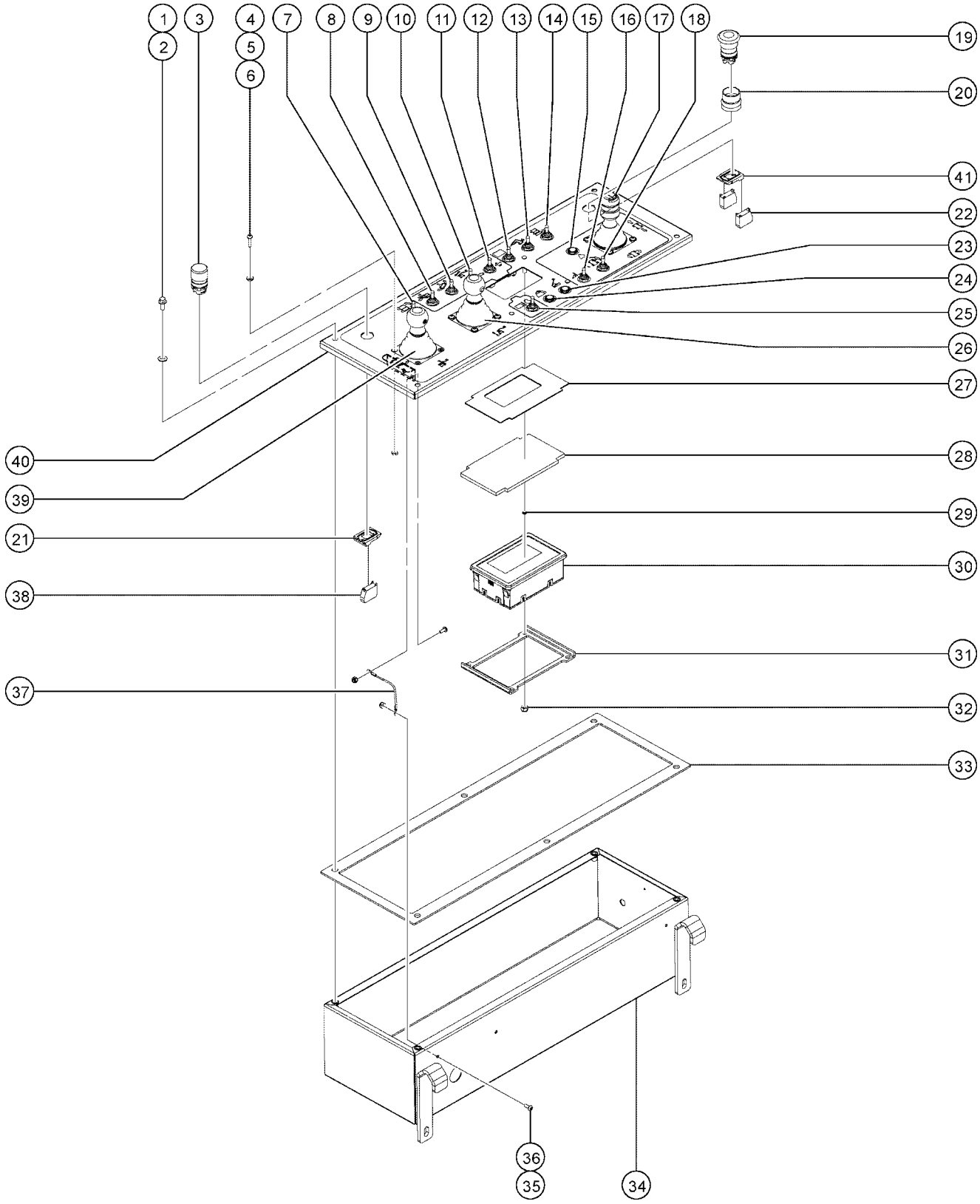
602.1 Platform Control Box, External View



602.1 Platform Control Box, External View

Item	Part No.	Description	Qty.
A	1287514GT	ASSEMBLY, PBOX, Z60/37 DC ... DC models (Assembly does not include drive/steer joystick item # 17. Order this joystick separately, refer to 604.1)	1
B	1288404GT	ASSEMBLY, PBOX, Z60/37 FE ... FE models (Assembly does not include drive/steer joystick item # 17. Order this joystick separately, refer to 604.1)	1
1	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	4
2	995750GT	WASHER FLAT BONDEDRUB	4
3	66813GT	BUTTON,PUSH,BLACK W/SEAL*** horn	1
4	139338GT	SCREW PH M5-0.8X20 DIN 7500CE	12
5	1269498GT	SHOULDER WASHER, NYLON	12
6	104030GT	NUT HEX M5-0.8 CLASS 8 ZINC	12
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM platform level	1
7-	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR for 128200	
7-	27246GT	BOOT,TOGGLE SWITCH,SHORT* for 128200	
7-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4 for 128200	
8	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM jib boom up/down	1
8-	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR for 128200	
8-	27246GT	BOOT,TOGGLE SWITCH,SHORT* for 128200	
8-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4 for 128200	
9	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM platform rotate	1
9-	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR for 128200	
9-	27246GT	BOOT,TOGGLE SWITCH,SHORT* for 128200	
9-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4 for 128200	
10	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM primary boom extend/retract	1
10-	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR for 128200	
10-	27246GT	BOOT,TOGGLE SWITCH,SHORT* for 128200	
10-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4 for 128200	
11	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM speed control	1
11-	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR for 128200	
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT* for 128200	

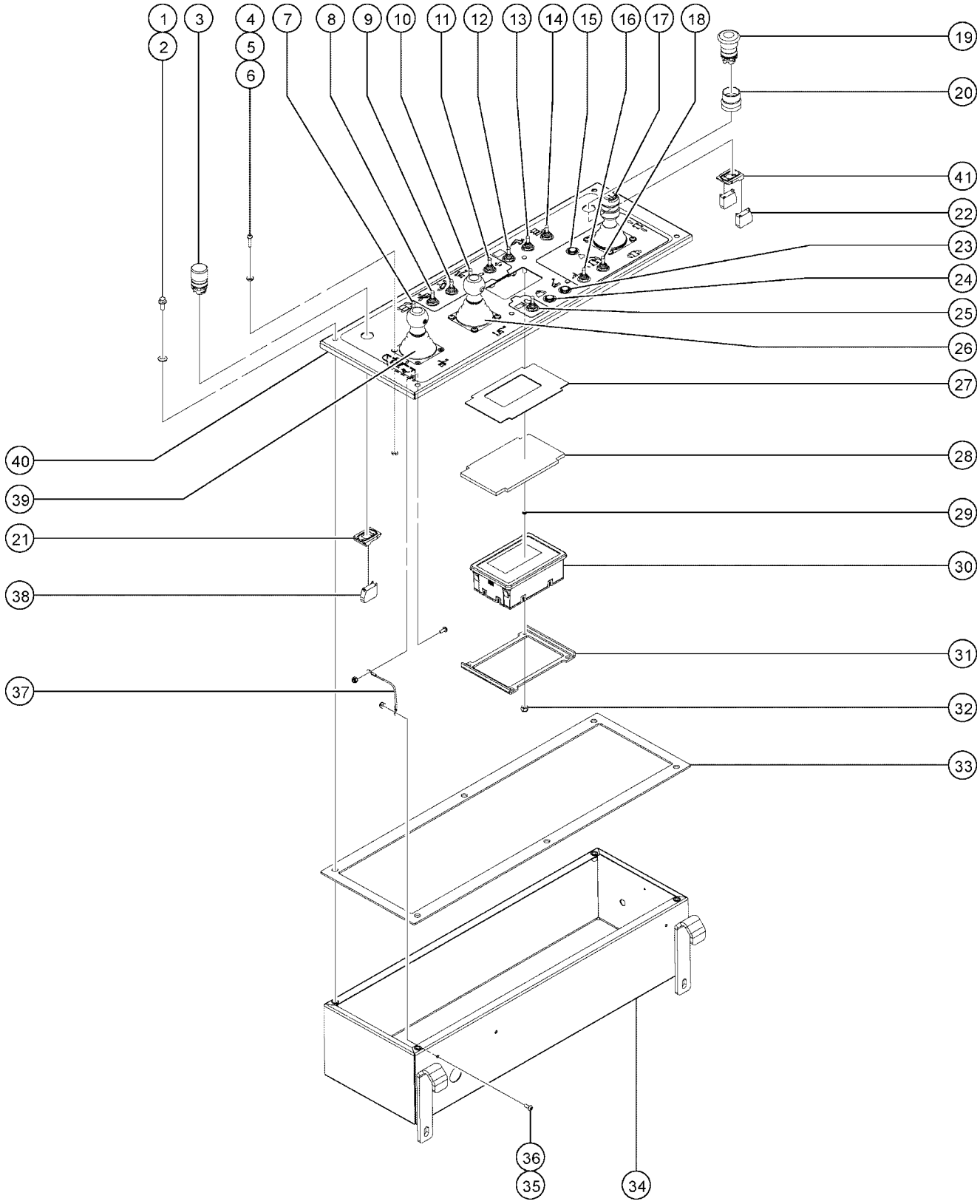
602.1 Platform Control Box, External View



602.1 Platform Control Box, External View

Item	Part No.	Description	Qty.
11-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4 for 128200	
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM emergency power	1
12-	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR for 128200	
12-	27246GT	BOOT,TOGGLE SWITCH,SHORT* for 128200	
12-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4 for 128200	
13A	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT option; inverter option	1
13A-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR for 128204	
13A-	27246GT	BOOT,TOGGLE SWITCH,SHORT* for 128204	
13A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4 for 128204	
13B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
14A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM option; aircraft protection overide	1
14A-	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR for 128200	
14A-	27246GT	BOOT,TOGGLE SWITCH,SHORT* for 128200	
14A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4 for 128200	
14B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
15	218164GT	LIGHT,INDICATOR,RED 24V H-BRI drive enable	1
16	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT drive speed	1
17	1274969GT	JOYSTICK, 1 AXIS ROCKER, BLUE drive/steer (order this joystick separately)	1
17-	1269497GT	GASKET, ISOLATION, JOYSTICK	
18	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM drive enable	1
18-	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR for 128200	
18-	27246GT	BOOT,TOGGLE SWITCH,SHORT* for 128200	
18-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4 for 128200	
19	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD emergency stop	1
20	146478GT	BOOT(BELLOWS),E-STOP,BLACK	1
21	66815GT	BASE, W/1 N.O. CONTACTS***	2
22	66818GT	CONTACT,NC	2
23	218164GT	LIGHT,INDICATOR,RED 24V H-BRI machine not level	1

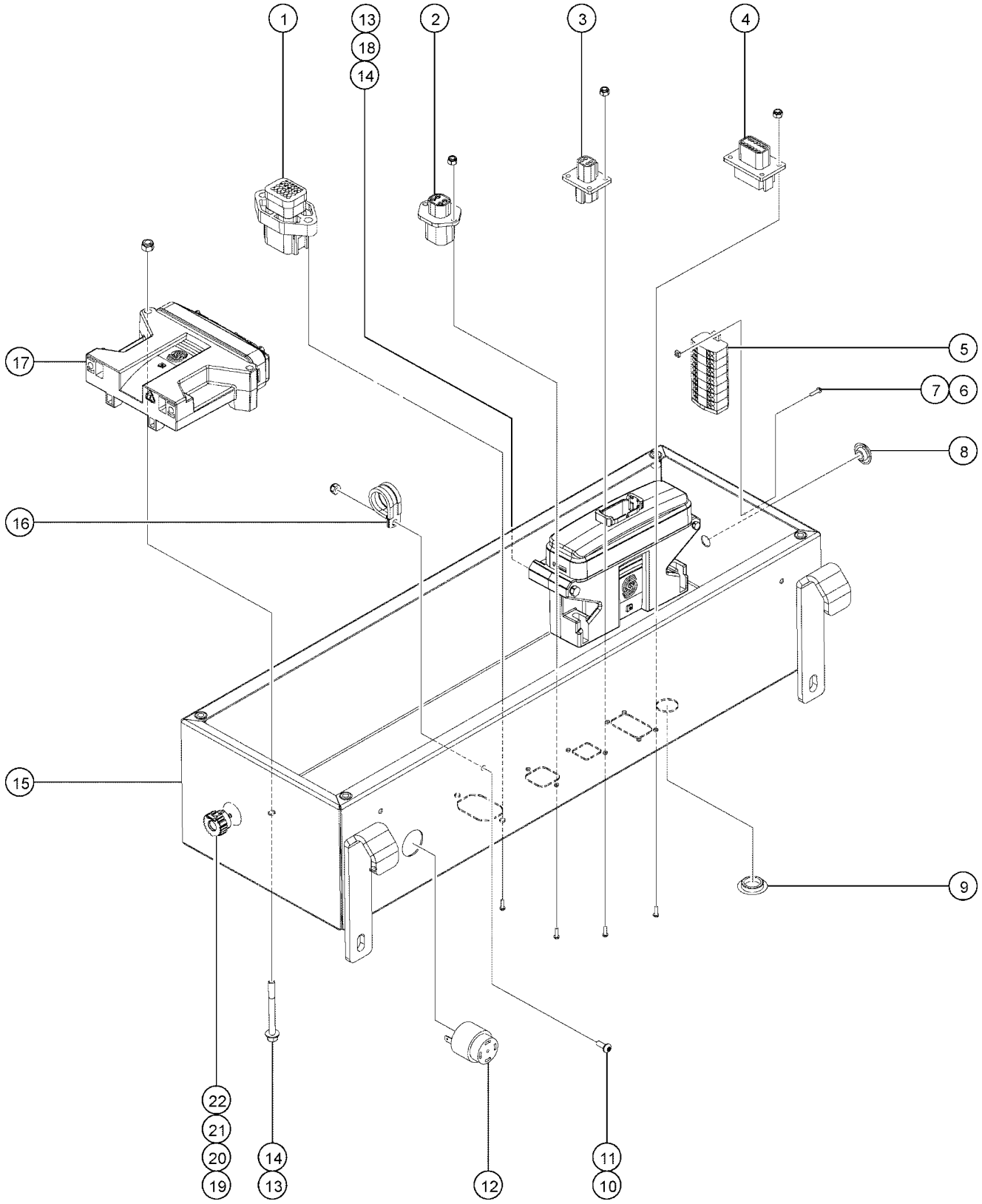
602.1 Platform Control Box, External View



602.1 Platform Control Box, External View

Item	Part No.	Description	Qty.
24	218164GT	LIGHT,INDICATOR,RED 24V H-BRI CE and Australia models, platform overload	1
25A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM FE models, switch mode select	1
25A-	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR for 128200	
25A-	27246GT	BOOT,TOGGLE SWITCH,SHORT* for 128200	
25A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4 for 128200	
25B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME DC models	1
26	1274972GT	JOYSTICK, 1 AXIS, BLUE secondary boom up/down	1
26-	1269497GT	GASKET, ISOLATION, JOYSTICK	
27	1262663GT	GASKET, DISPLAY GUARD	1
28	1262664GT	GUARD, DISPLAY, POLYCARB	1
29	119976GT	BUMPER,5/16DIAX7/64PROJ,ADH.	4
30	1263694GT	DISPLAY,PLATFORM,ENGAGE4,GEN2 LCD readout	1
31	1262665GT	FORMING, DISPLAY RETAINER	1
32	6091GT	NUT, NYLOCK, 1/4-20	4
33	81488GT	GASKET,PLATFORM CONTROL BOX	1
34	1293777GT	WELDMENT, PBOX, Z60/37	1
35	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	4
36	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	4
37	77351GT	LANYARD,PLATFORM CONTROL BOX	2
38	66816GT	CONTACT,N.O.***	1
39	1274971GT	JOYSTICK, 2 AXIS, BLUE primary boom up/down and turntable rotate	1
39-	1269497GT	GASKET, ISOLATION, JOYSTICK	
40	1270486GT	WELDMENT, LID, PLAT CONTROL BO decals not included, refer to section 100	1
41	73805GT	BASE,W/2 NC CONTACTS***	1

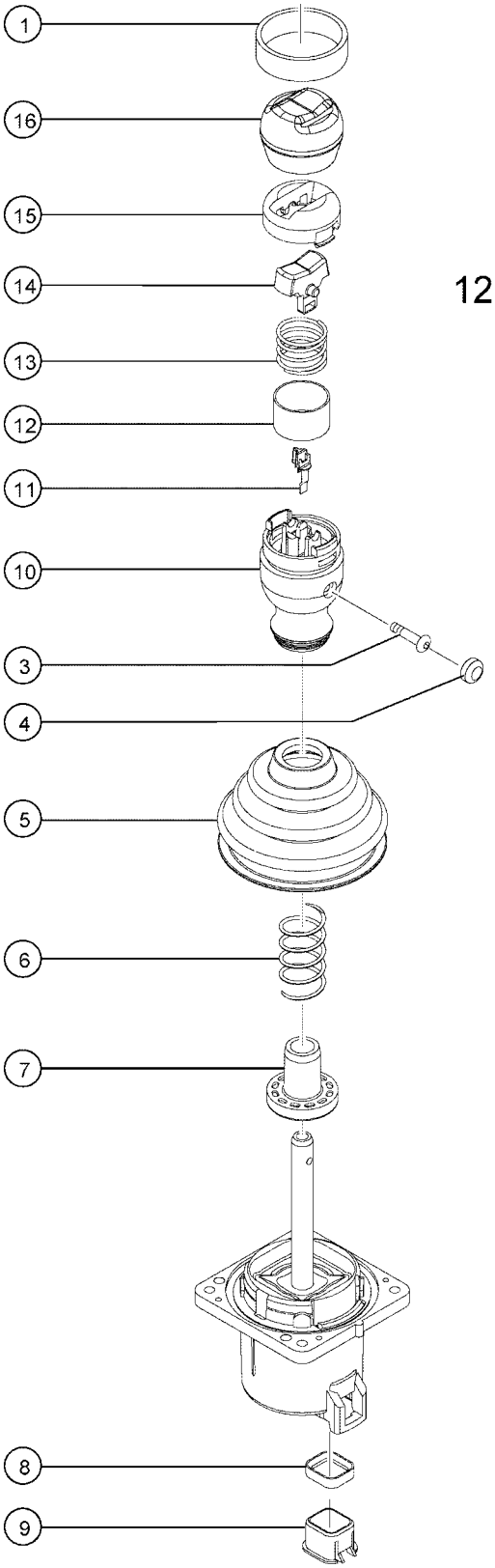
603.1 Platform Control Box, Internal View



603.1 Platform Control Box, Internal View

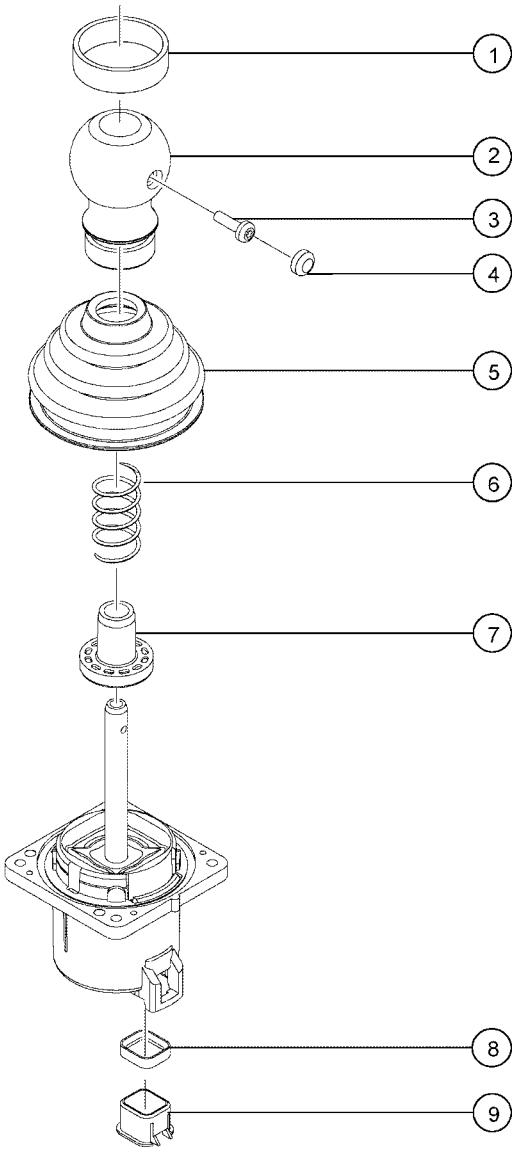
Item	Part No.	Description	Qty.
A	1293775GT	HARNESS, PBOX, Z60/37	1
1	1265862GT	CONN, RECEP, 18 WAY, DEUTSCH, DTV, GRAY/FLANGE	1
2	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
3	73723GT	CONN RECEPT,FLANGED	1
4	73730GT	CONN, RECEP, 12 WAY, DEUTSCH, DT, GRAY/FLANGE	1
5	1266122GT	ASSEMBLY, TERMINAL RAIL, Z60/3	1
6	1272895GT	SCREW,PHH MS 4-40 X.5,ZINC KG	2
7	1272896GT	NUT, MS SQ, 4-40, ZINC	2
8	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (models with no work light option)	1
8-		(refer to 803.1 option, work light)	
9	15243GT	PLUG,NYLON .875 BLACK DOMED	1
10	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	1
11	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	1
12A	39540GT	ALARM, STEADY TONE*** order 72326 mounting ring separately	1
12B	72326GT	NUT - PLASTIC, RING FOR ALARMS for 39540	
13	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	2
14	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
15		Ref: Platform Control Box Weldment (refer to 602.1)	1
16	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
17	1269368GT	ASSEMBLY, CONTROLLER PCON, Z60 (includes decal)	1
18		Ref: MODULE, PLUS+1, OPA2 (refer to 805.1)	
19	1272123GT	DUST CAP, RECEPTACLE, 5 WAY, CIRCULAR	1
20	1272122GT	CONN, RECEP, 5 WAY, DEUTSCH, HD10	1
21	1253477GT	SCREW,PHPM,4-40X.5,ZAG	2
22	1283012GT	NUT,NYLOCK,4-40,2,ZAG	2

604.1 Joysticks



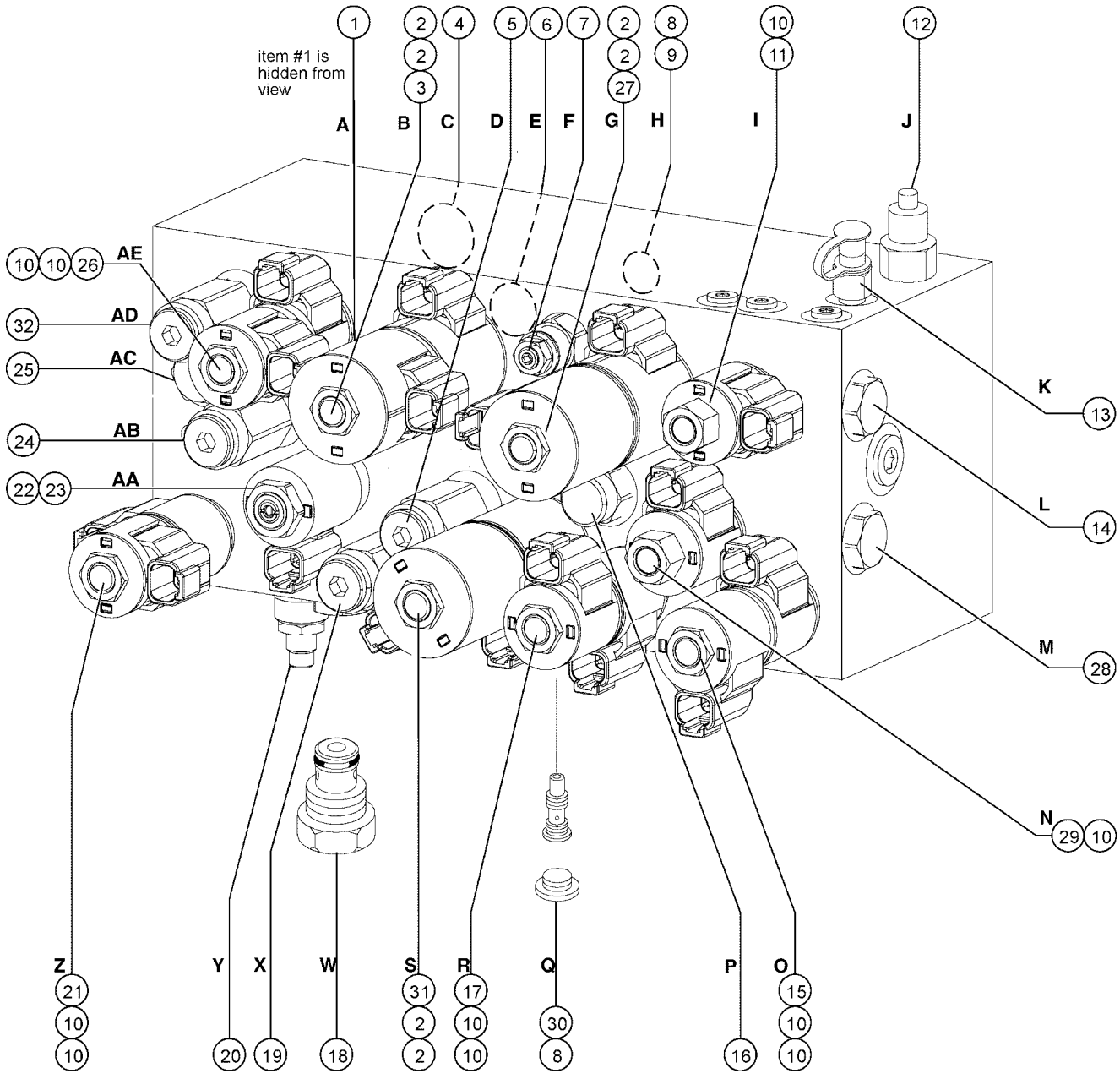
1274969

1274971 and 1274972



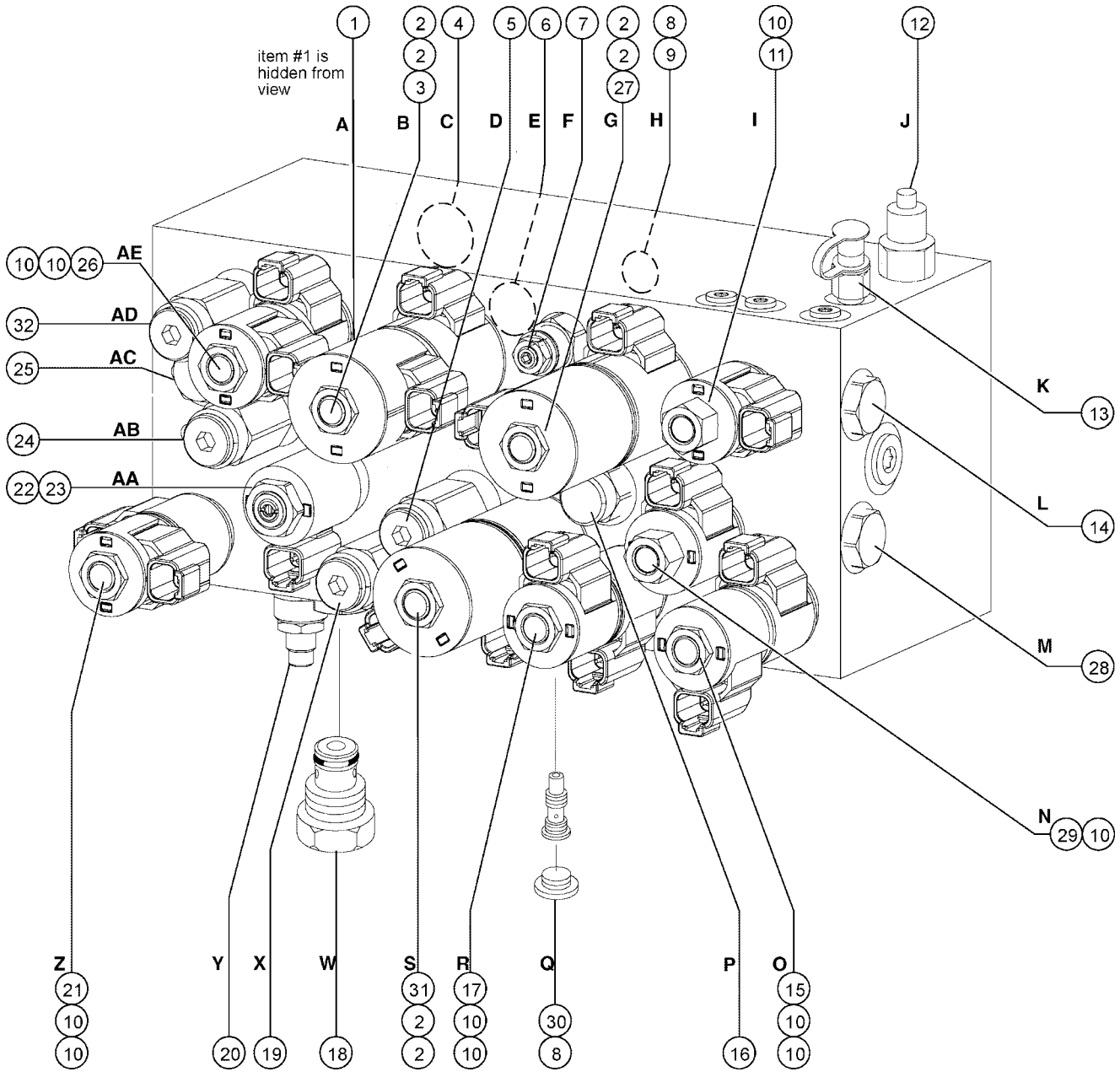
Item	Part No.	Description	Qty.
A	1274969GT	JOYSTICK, 1 AXIS ROCKER, BLUE (drive/steer) (OEM joystick) (calibration required after replacement)	
B	1274971GT	JOYSTICK, 2 AXIS, BLUE (drive/steer) (OEM joystick) (calibration required after replacement)	
C	1274972GT	JOYSTICK, 1 AXIS, BLUE (primary boom up/down and turntable rotate) (OEM joystick) (calibration required after replacement)	
D-	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
1	1271713GT	SHRINK TUBE, BLU, 3:1, 40MM	2
2	62392GT	KNOB,JOYSTICK, 62390/62391	1
3	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	1
4	1269499GT	PLUG, JOYSTICK HANDLE	2
5	139598GT	BOOT,JOYSTICK	1
6		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	
7	119915GT	COLLAR,JOYSTICK,CENTER	1
8	128000GT	SEAL, CONNECTOR (DT JOYSTICKS)	1
9	128001GT	SLEEVE,CONNECTOR,DT JOYSTICKS	1
10	75449GT	KNOB,ROCKER JOYSTICK 75565	1
11	75448GT	SUPPORT,SENSOR,JOYSTICK	1
12	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
13	75446GT	SPRING,SWITCH CENTERING,75565	1
14	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
15	75444GT	ROCKER,RETAINER, 75565	1
16	75443GT	BOOT, ROCKER JOYSTICK 75565	1

701.1 Function Manifold



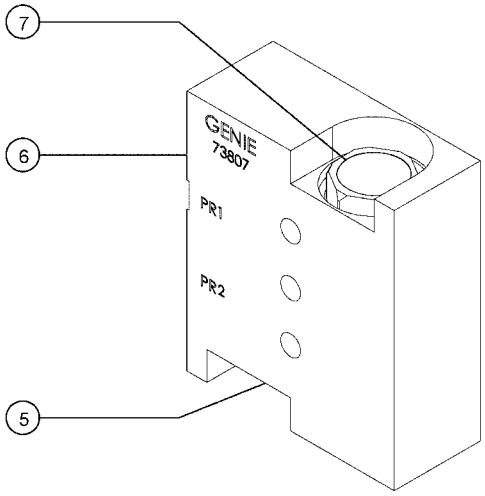
Item	Part No.	Description	Qty.
A-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
B-	1262258GT	MANIFOLD,FUNCTION,Z60E Complete	
1	234597GT	VALVE, FLOW REGULATOR, 2GPM A, Oscillate circuit	1
2	1270812GT	COIL - 10 20V ER/Z	6
3	1270815GT	VALVE, SPOOL, 4 WY, 3 POSITION B, Primary boom extend/retract circuit	1
4	52368GT	VALVE,CHECK,GS68 (SIZE8 8) C, Platform rotate left/right	1
5	1270821GT	VALVE, RELIEF D, Primary boom extend	1
6	52370GT	VALVE,SHUTTLE,GS68 E, Primary boom extend/retract circuit	1
7	77410GT	VALVE,COUNTERBALNCE,1500 PSI** F, Primary boom retract	1
8	145097GT	PLUG,SAE #4	5
9	826779GT	VALVE, SHUTTLE H, Pilots primary boom retract counterbalance valve	1
10	119827GT	COIL, 20V, ZENER DIODE DEUTSCH	10
11	44997GT	VALVE,SOLENOID,2POS 2WAY N.O.* I, P2 circuit	1
12	1311101GT	PRESSURE TRANSDUCER,0-5K,1-5V J, Monitors pressure	1
13	48997GT	NIPPLE,DIAGNOSTIC,#4 K, Testing	1
14	1270817GT	VALVE, CHECK L, Check to P2 circuit	2
15	1270816GT	VALVE, SPOOL, 4 WY, 3 POSITION, CLOSED CENTER O, Steer left/right	1
16	237209GT	COMPENSATOR, 150 PSI P, Turntable rotate left/right	1
17	107788GT	VALVE,PROPORTIONAL 3 POS 4 WY R, Turntable rotate left/right	1
18	107740GT	VALVE, CHECK 25 PSI W, Tank return circuit	1
19	1270823GT	VALVE X, Oscillate circuit	1
20	94615GT	VALVE,NEEDLE,ADJUSTABLE*** Y, Platform level up/down	1
21	1270819GT	VALVE, SOLENOID, 4 WAY, 3 POS Z, Platform level up/down	1
22	119830GT	VALVE,PROPORTIONAL RELIEF AA, Boom functions (coil not included)	1
23	119825GT	COIL, 24V, DEUTSCH NO DIODE	1
24	1270820GT	VALVE, RELIEF AB, Platform level up circuit	1
25	1270818GT	VALVE, PILOT OPERATED CHECK AC, Platform level up/down	1
26	107816GT	VALVE,PROPORTIONAL 3 POS 4 WY* AE, Platform rotate left/right	1

701.1 Function Manifold

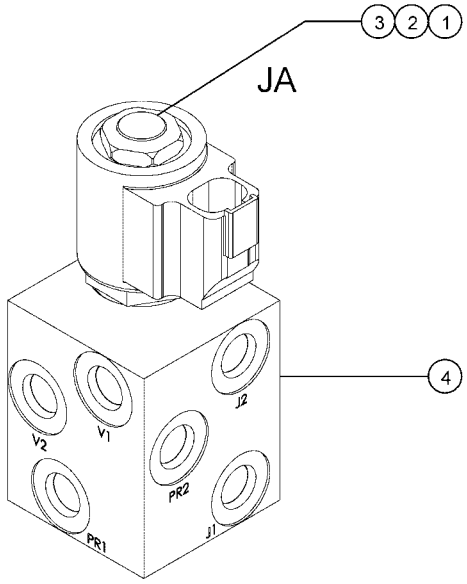


701.1 Function Manifold

Item	Part No.	Description	Qty.
27	1270815GT	VALVE, SPOOL, 4 WY, 3 POSITION G, Secondary boom extend/retract	1
28	218730GT	VALVE,CHECK,10 PSI M, Check to P1 circuit	1
29	44997GT	VALVE,SOLENOID,2POS 2WAY N.O.* N, P1 circuit	1
30	826779GT	VALVE, SHUTTLE Q, Turntable rotate left/right	1
31	1270815GT	VALVE, SPOOL, 4 WY, 3 POSITION S, Primary boom up/down	1
32	1270820GT	VALVE, RELIEF AD, Platform level down circuit	1

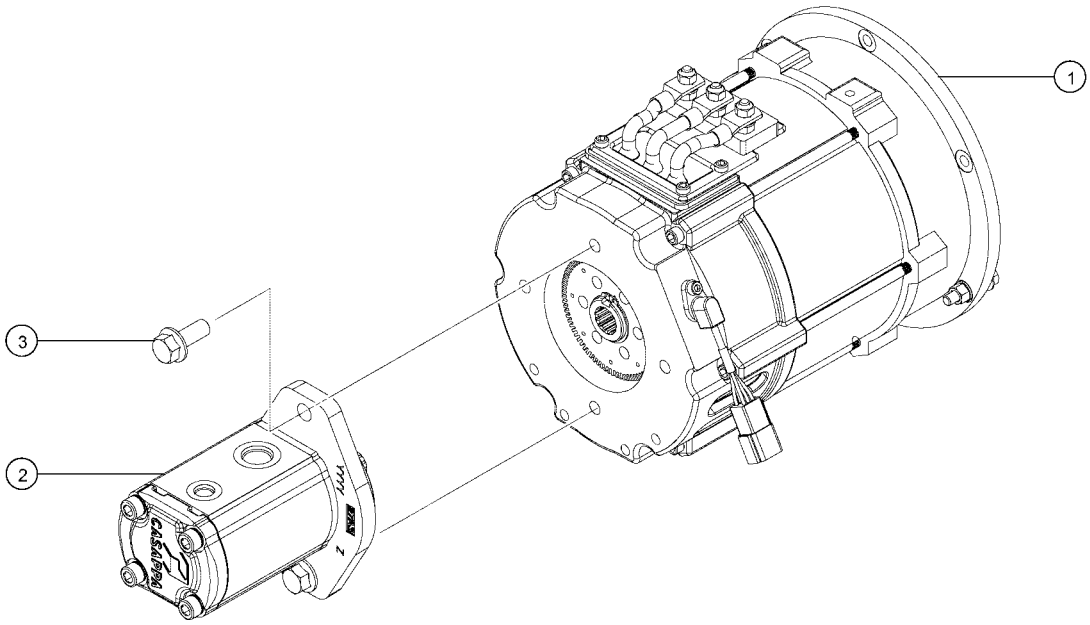


Platform Rotate Manifold



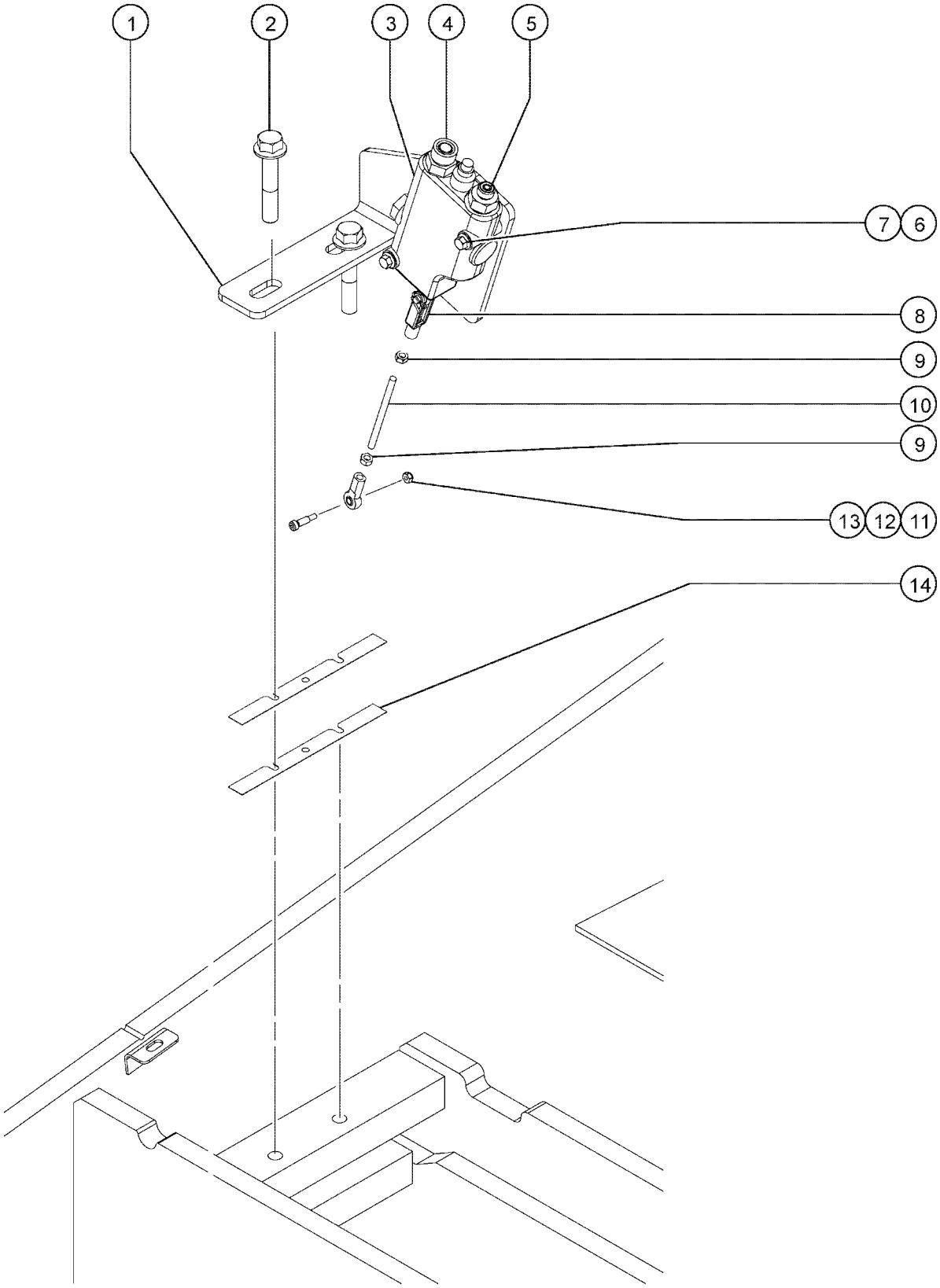
Jib Select Manifold

Item	*Part No.*	*Description*	*Qty.*
1	44174GT	NUT-COIL SHORT	1
2	52897GT	VALVE,SOLENOID, 2POS/3WAY***	1
2-	52371GT	SEAL KIT, VALVE for 52897	1
3	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	1
4	1256670GT	MANIFOLD,JIB SELECT W/QD PLUG (include items 1-3)	1
5	62506GT	VALVE - COUNTERBALANCE**	1
5-	43018GT	SEAL KIT (39345)	
6	73807GT	MANIFOLD,ROTATOR,CB*** (include items 5 and 7)	1
6-	62507GT	O-RING, ROTATOR MANIFOLD	
7	62506GT	VALVE - COUNTERBALANCE**	1
7-	43018GT	SEAL KIT (39345)	


1
3
2

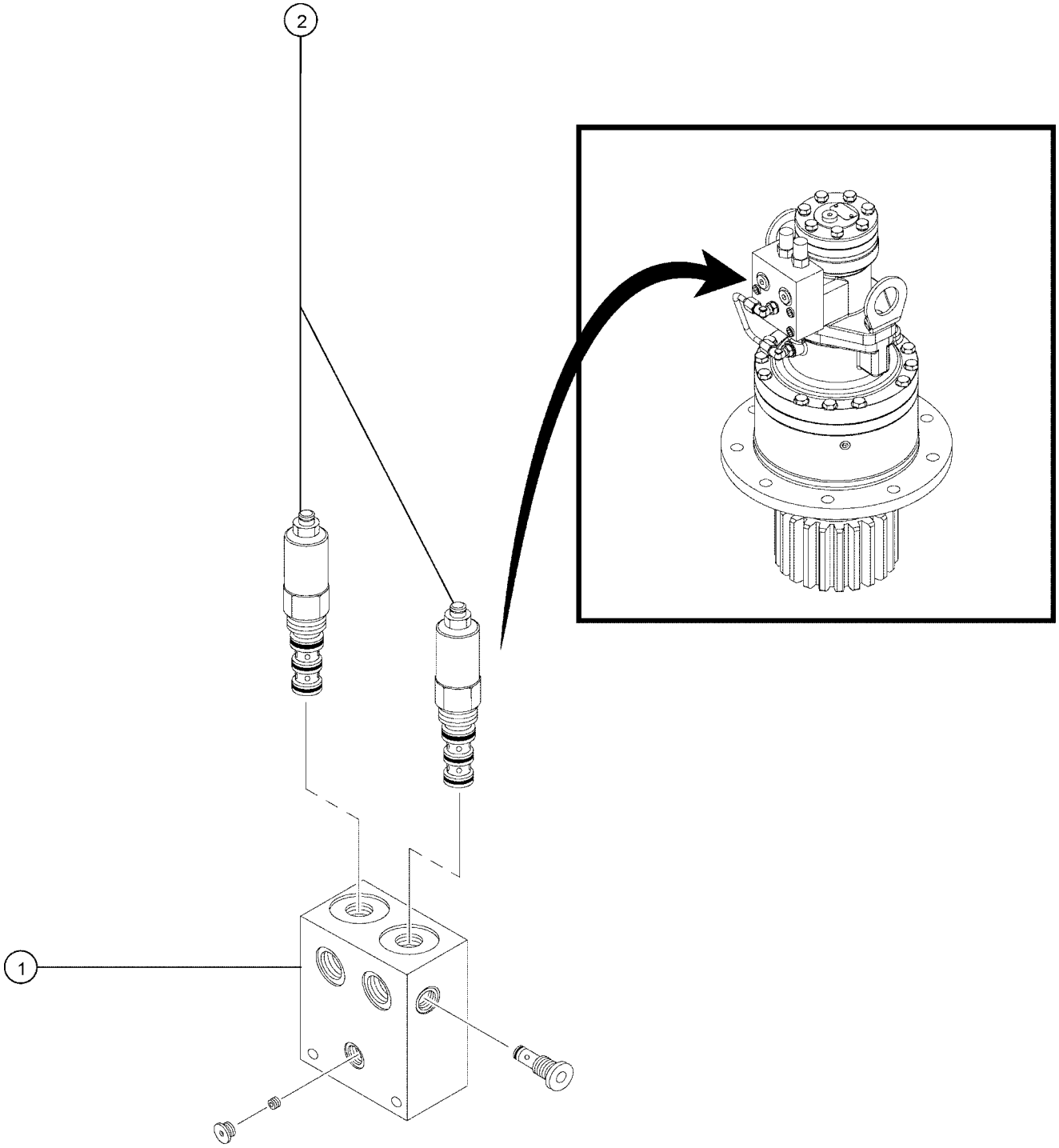
Item	Part No.	Description	Qty.
1	1264100GT	MOTOR, AC, PUMP-GENERATOR	1
1-	1284946GT	BEARING SERVICE KIT (1264100) for 1264100	
1-	1284947GT	ROTOR ASSEMBLY (1264100) for 1264100	
1-	1284948GT	BEARING SERVICE KIT (1264100) for 1264100	
1-	1284949GT	TERMINAL BRACKET SVC KIT (1264100) for 1264100	
1-	1284950GT	TERMINAL BLOCK SERVICE KIT (1264100) for 1264100	
1-	1284951GT	SPEED SENSOR KIT W/PINS (1264100) for 1264100	
1-	1284952GT	CONNECTOR SERVICE KIT (1264100) for 1264100	
1-	1284953GT	PULSE WHEEL SERVICE KIT (1264100) for 1264100	
1-	1284954GT	BOLT KIT W/WASHERS,M8X200 (1264100) for 1264100	
2	1261767GT	PUMP,GEAR,FUNCTION,Z60E	1
2-	1269602GT	SEAL KIT, FUNCTION PUMP, Z60E	2
3	1255469GT	SCREW,HHF,1/2-13X1.25,8,ZAG	2

704.1 Oscillate Valve



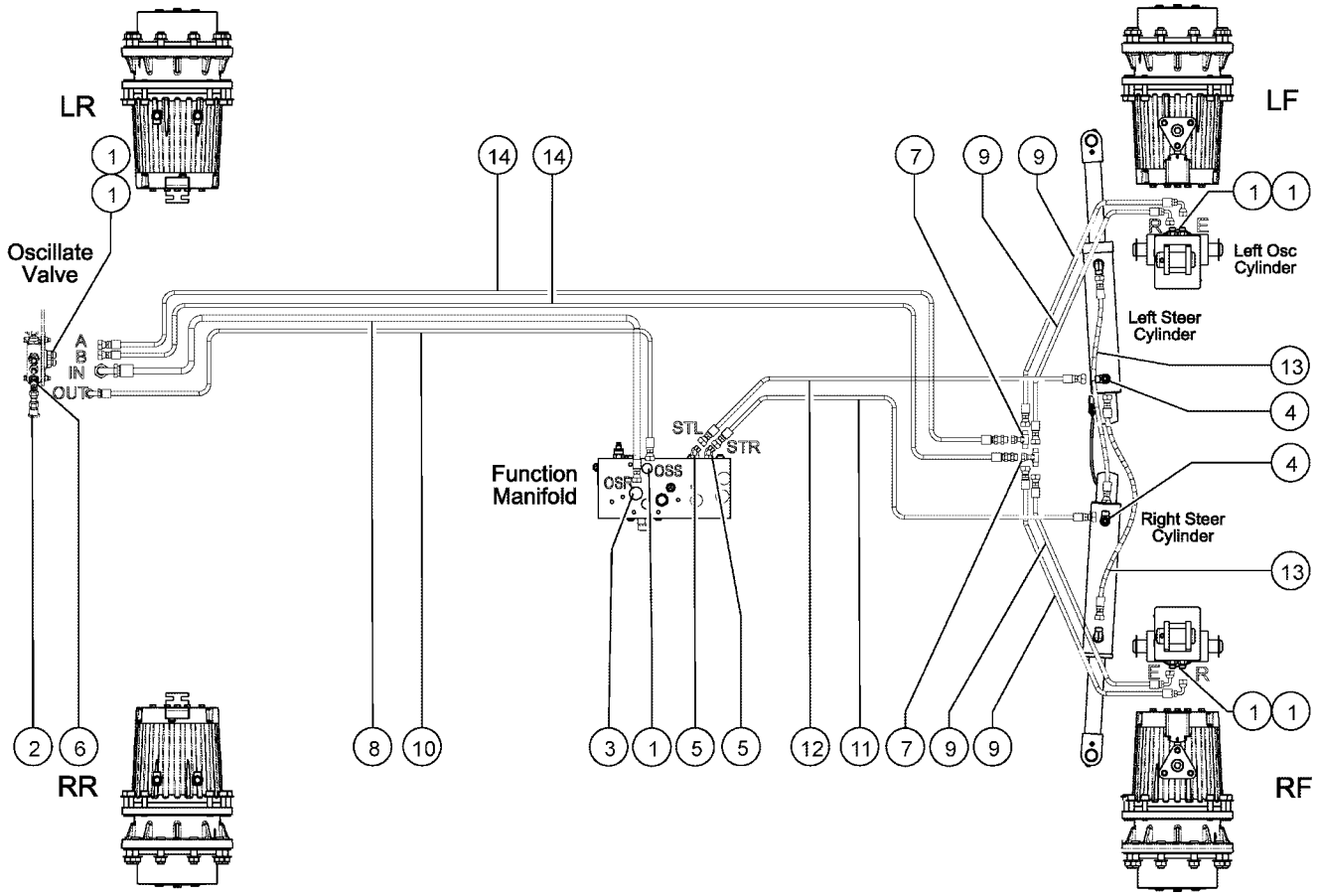
Item	*Part No.*	*Description*	*Qty.*
1	1255712GT	BRACKET, OSCILLATE VALVE	
2	1257862GT	SCREW,HHF,1/2-13X2.75,8,ZAG	
3	49768GT	VLV,MAN,3 POS/4 WAY,CLOSE CTR*	
3-	32681GT	SEAL KIT,CONTROL VALVE	
4	48933GT	CONN,520120-8*** (sold separately)	
5	48914GT	CONN,520120-4-8 (sold separately)	
6	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	
7	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
8	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	
9	824041GT	NUT, 1/4-28, 8, ZAG	
10	1257077GT	ROD,THREADED,1/4-28X4,ZAG	
11	1257076GT	BOLT,SHS,1/4-28X4,ZAG	
12	81691GT	ROD END,BALL JOINT 1/4-28	
13	1283004GT	NUT,NYLOCK FLG,10-24,A,ZAG	
14	81610GT	SHIM,AXLE ROTATION STOP,16G	

705.1 Turntable Rotate Manifold



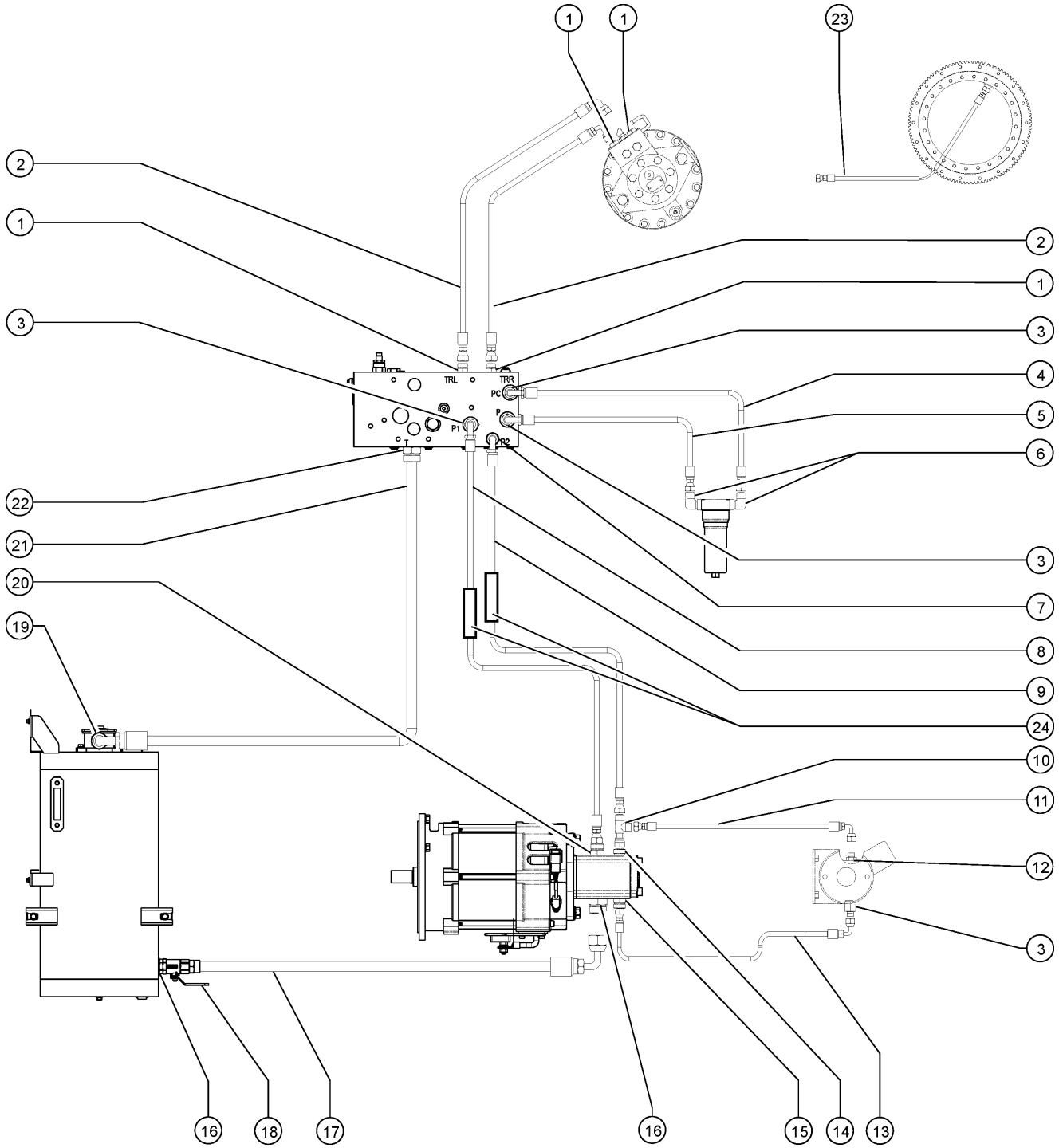
Item	*Part No.*	*Description*	*Qty.*
1	89800GT	MANIFOLD,TURNTABLE ROTATION***	1
1-	75119GT	SEAL KIT,CB VALVE MANIFOLD*** (includes mounting rings between motor and manifold)	
2		VALVE,COUNTERBALANCE,3000PSI (not sold separately, must purchase manifold for replacement)	2

706.1 Hydraulic Hoses and Fittings - Drive Chassis, Oscillate



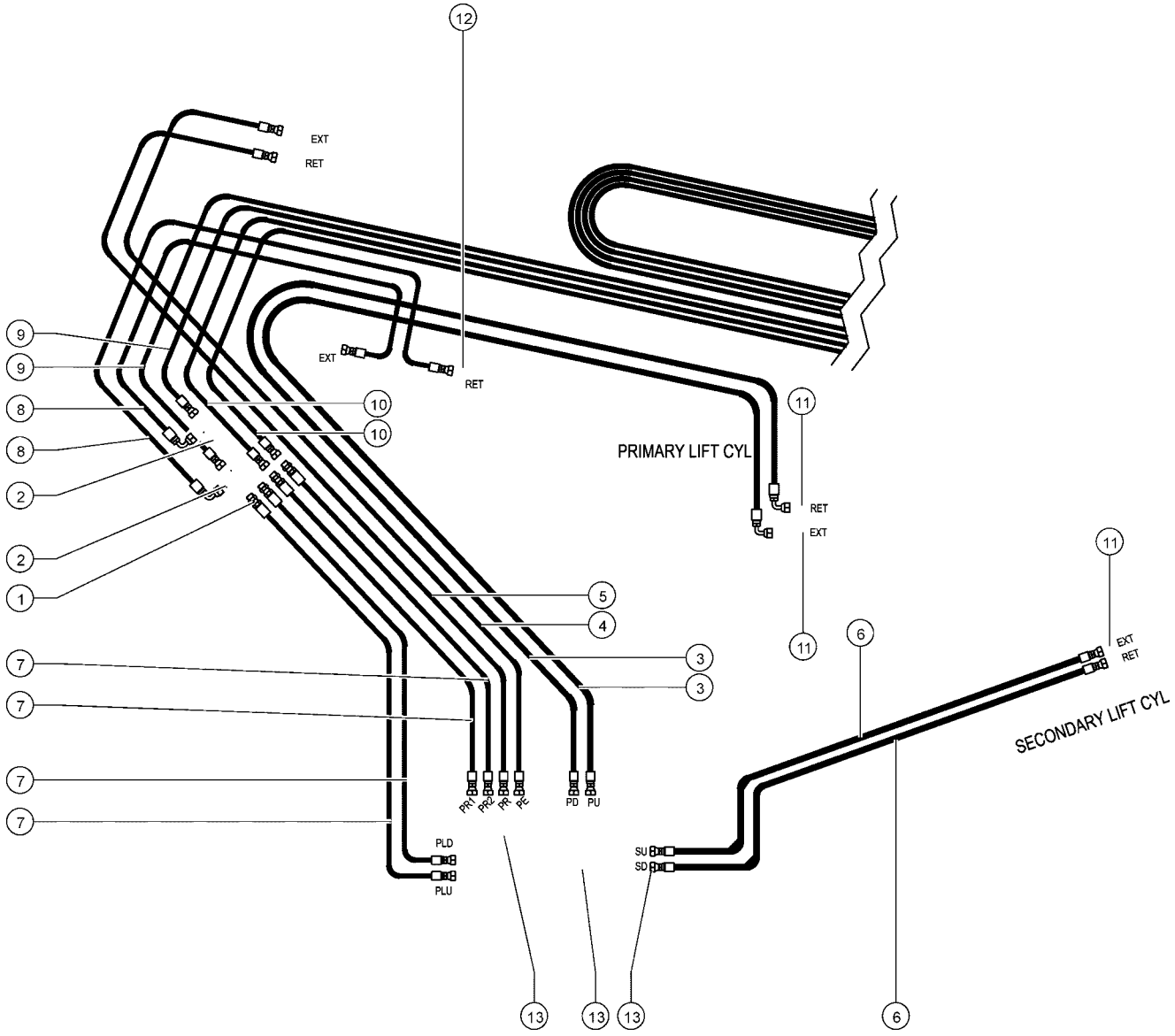
Item	Part No.	Description	Qty.
1	48912GT	CONN,520120-4-6***	7
2	48914GT	CONN,520120-4-8	1
3	48916GT	CONN, 520120-6	1
4	48918GT	TEE,RUN,520428-6	2
5	48920GT	ELBOW,45D,520320-6	2
6	48930GT	FITTING,CONN,520120-6-8***	1
7	48891GT	FITTING,TEE,BRANCH,520433-4	2
8	49117-14666GT	ASSY, HOSE, HYD, -4, 3250, STR, 90	1
9	49117-3141GT	ASSY, HOSE, HYD, -4, 3250, STR, 90	4
10	49128-15109GT	ASSY, HOSE, HYD, -6, 3000, STR, 90	1
11	49130-13732GT	ASSY, HOSE, HYD, -6, 3000, STR, STR	1
12	49130-13832GT	ASSY, HOSE, HYD, -6, 3000, STR, STR	1
13	49130-2432GT	HOSE ASSY,3/8 FEM-FEM	2
14	77310-8623GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	2

707.1 Hydraulic Hoses and Fittings - Turntable



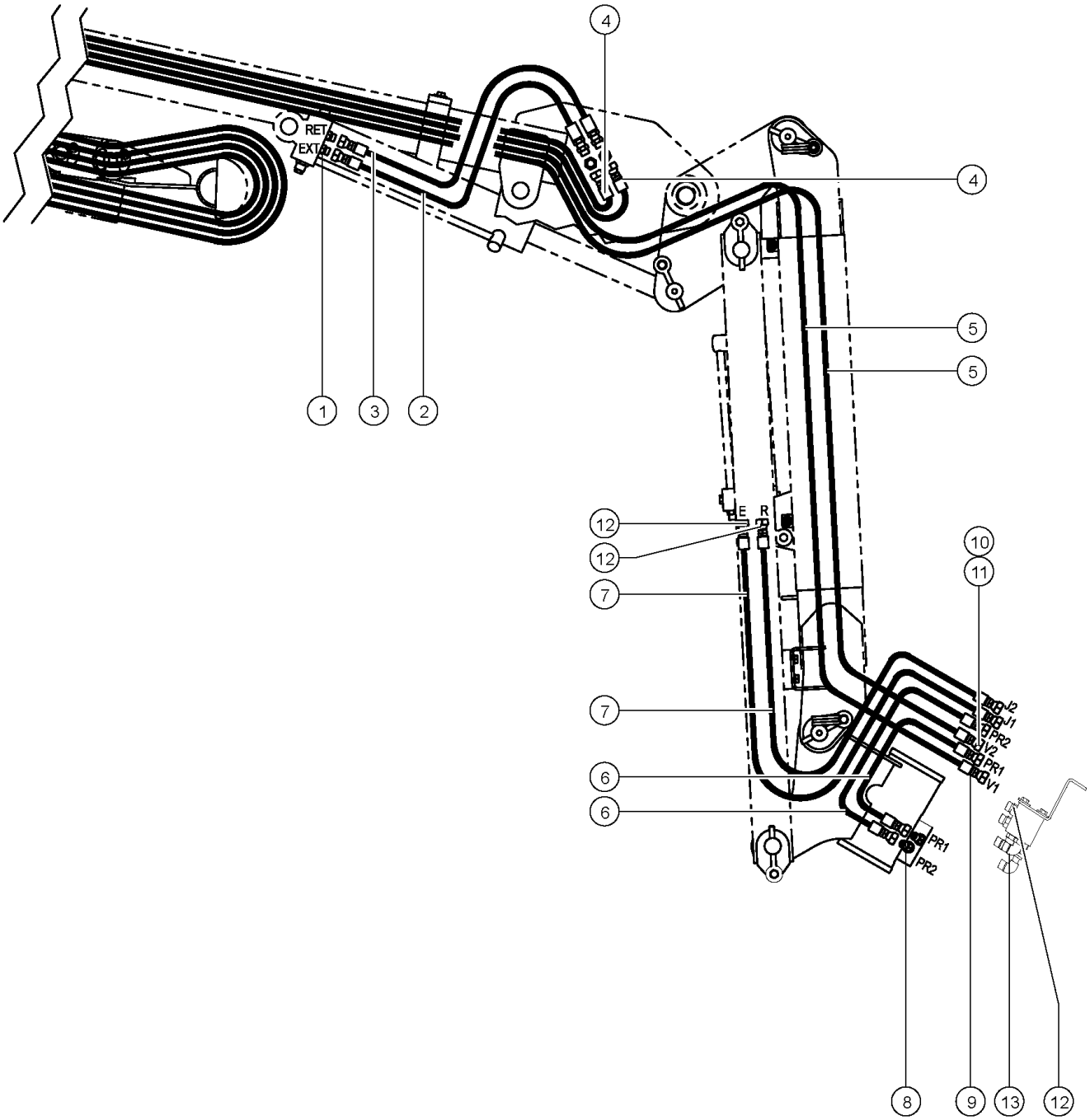
Item	Part No.	Description	Qty.
1	48912GT	CONN,520120-4-6***	4
2	49117-2491GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
3	48933GT	CONN,520120-8***	4
4	49143-2741GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
5	49143-2941GT	ASSY, HOSE, HYD, -8, 3000, STR, 90	1
6	48947GT	ELBOW,90D,520220-8-12	2
7A	48947GT	ELBOW,90D,520220-8-12 (FE models)	2
7B	48916GT	CONN, 520120-6 (DC models)	1
8	49143-7329GT	ASSY, HOSE, HYD, -8, 3000, STR, 90	1
9	49128-7109GT	HOSE ASSEMBLY,3/8"	1
10A	48946GT	CONN,520120-8-10 (FE models)	1
10B	48875GT	TEE,RUN,SWIVEL,520432-6 (DC models)	1
11	49114-2146GT	ASSY, HOSE, HYD, -4, 3250, STR, 90 (DC models)	1
12	48916GT	CONN, 520120-6 (DC models)	1
13	94464-1486GT	ASSY, HOSE, HYD, -8, 300, STR, 90 (DC models)	1
14	162002GT	CHECK VALVE 6ORB,6ORFS (DC models)	1
15	48943GT	FITTING,CONN,520120-8-6 (DC models)	1
16	48984GT	CONN, 520120-16	1
17	1290344-3868GT	ASSY, HOSE, HYD, -16, 250, STR, 90	1
18	48996GT	VALVE, BALL, 16 MSAE-16 FSAE	1
19	48977GT	CONN,520120-12-16	1
20	48946GT	CONN,520120-8-10	1
21	49149-1643GT	ASSY, HOSE, HYD, -12, 1750, STR, 45	1
22	48960GT	FITTING,CONN,520120-12***	1
23	49189-5438GT	HOSE ASSEMBLY, 1/4"	1
24	28678-5500GT	SLEEVE,NYLON, 2" ID	2

708.1 Hydraulic Hoses and Fittings - Secondary and Primary

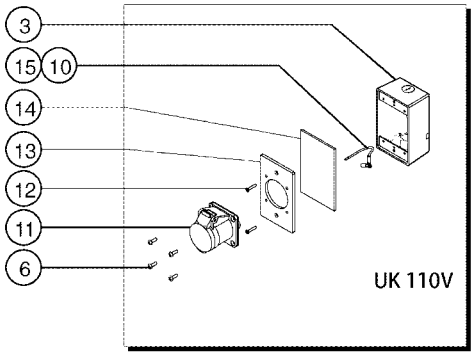


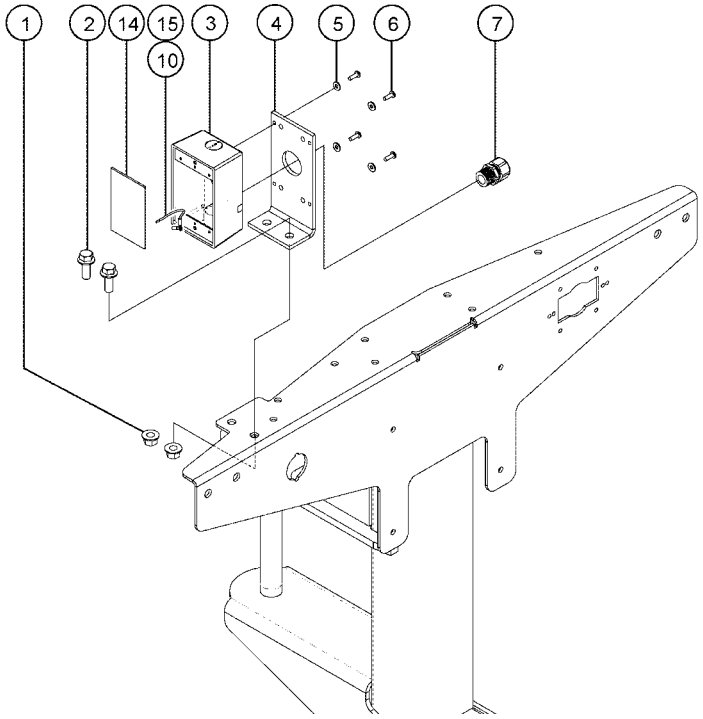
Item	Part No.	Description	Qty.
1	75574GT	NUT,BULKHEAD,520118-4	4
2	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	2
3	49130-36282GT	ASSY, HOSE, HYD, -6, 3000, STR, STR	2
4	49183-36982GT	ASSY, HOSE, HYD, -8, 3000, STR, STR	1
5	49130-36982GT	ASSY, HOSE, HYD, -6, 3000, STR, STR	1
6	49130-25382GT	ASSY, HOSE, HYD, -6, 3000, STR, STR	2
7	77310-38323GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	4
8	49117-2941GT	ASSY, HOSE, HYD, -4, 3250, STR, 90	2
9	49119-43125GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	2
10	49119-51125GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	2
11	48907GT	ELBOW,45D,520320-4	2
12	48912GT	CONN,520120-4-6***	2
13	48916GT	CONN, 520120-6	6

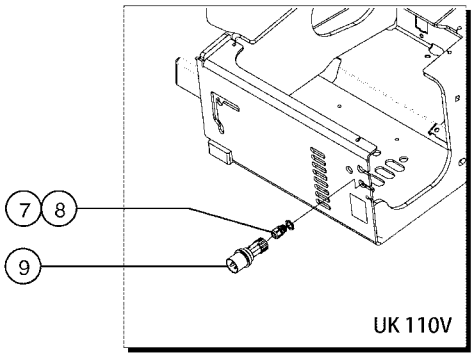
709.1 Hydraulic Hoses and Fittings - Primary and Jib

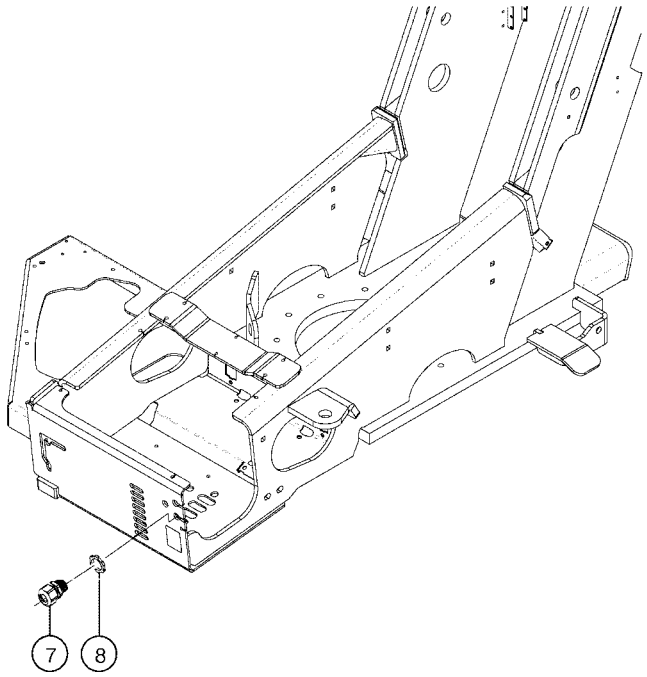


Item	Part No.	Description	Qty.
1	48912GT	CONN,520120-4-6***	2
2	49117-2116GT	ASSY, HOSE, HYD, -4, 3250, STR, 90	1
3	49117-2216GT	ASSY, HOSE, HYD, -4, 3250, STR, 90	1
4	49119-43125GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	2
5	49119-51125GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	2
6	49119-2878GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	2
7	49119-4278GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	2
8	48907GT	ELBOW,45D,520320-4	2
9	1293787GT	No.4 90DEG ORFS W/125 MICRON SCREEN From SN Z60M-239	1
10	1293788GT	No.4 STR ORFS W/125 MICRON SCREEN From SN Z60M-239	1
11	54132GT	ELBOW,SWIVEL 90D, 520221-4 From SN Z60M-239	1
12	48905GT	CONNECTOR, 520120-4 From SN Z60M-239	3
13	48904GT	ELBOW, 90D, 520220-4 From SN Z60M-239	1


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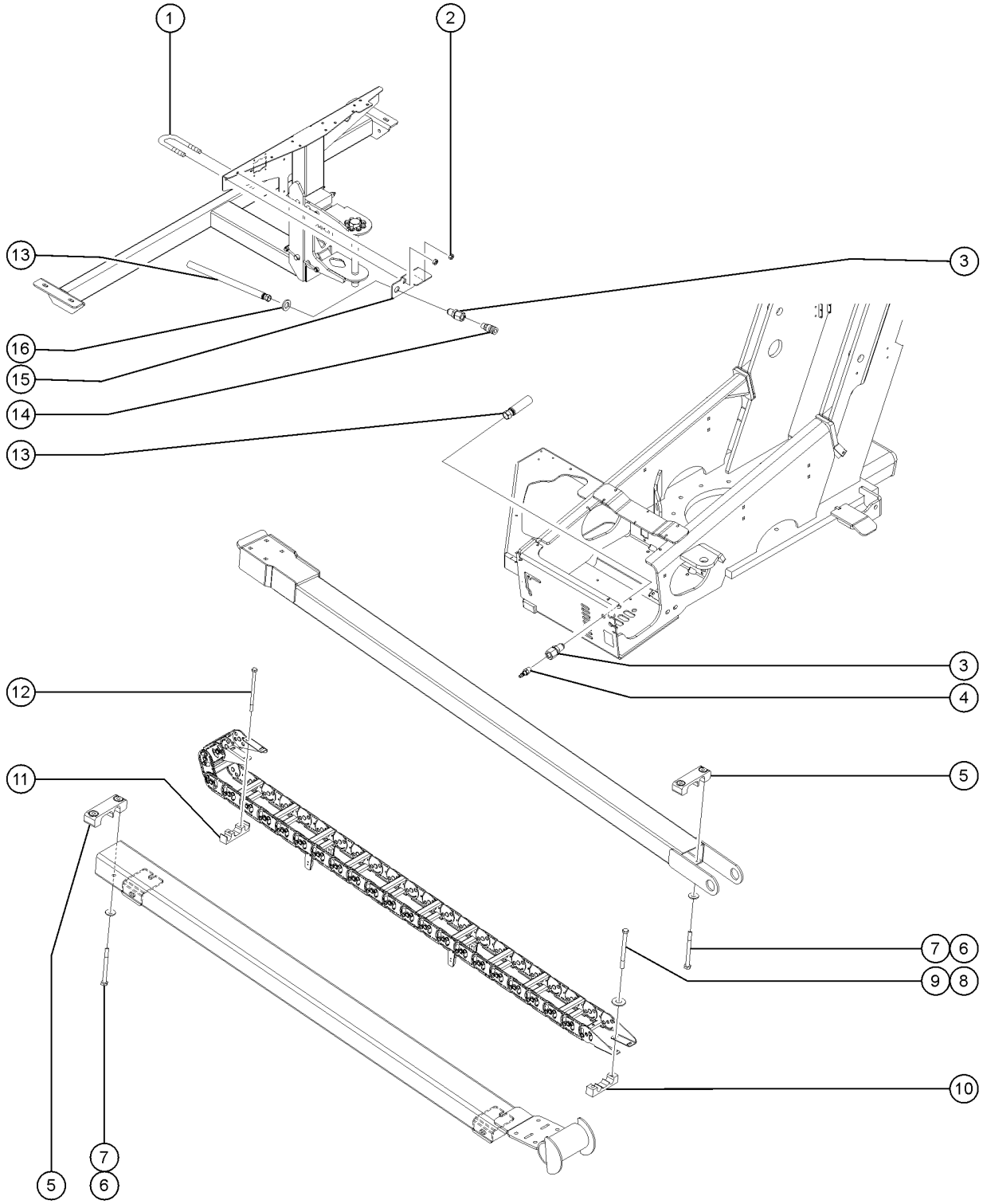

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UK 110V


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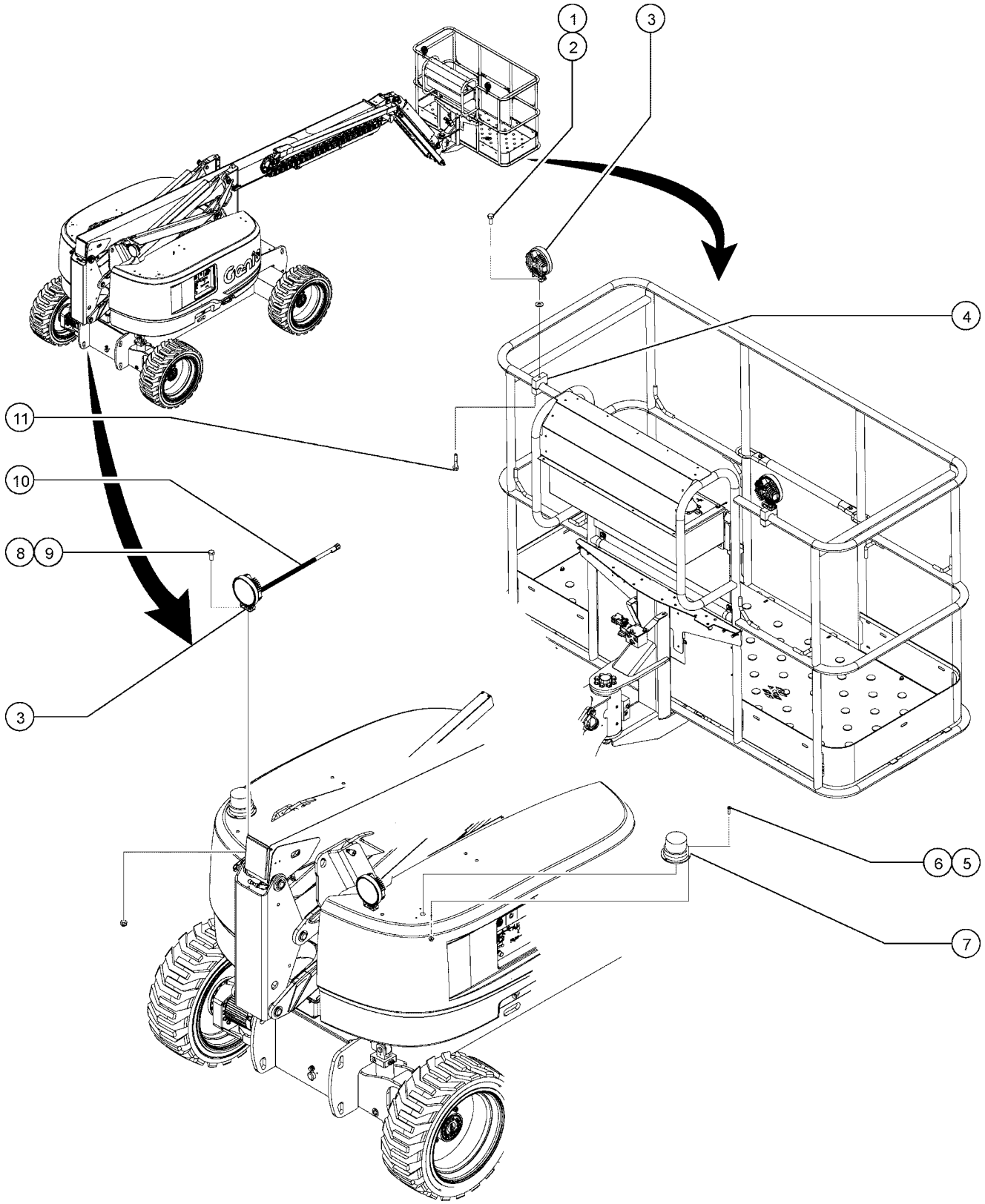
Item	Part No.	Description	Qty.
A	1269475GT	CLAMP, POWER AIR OPTIONS	2
1	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	2
2	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	2
3	10775GT	T-BOX, 2.75 X 4.5 X 2.0** To SN Z60M-432	1
3B	1310378GT	T-BOX, 2.75 X 4.5 X 2.0** From SN Z60M-433	1
4	81096GT	BRACKET,POWER TO PLAT, DOM To SN Z60M-432	1
4B	1311043GT	BRACKET,POWER TO PLAT, DOM From SN Z60M-433	1
5	1257390GT	WASHER,FLAT,#8,SAE,ZAG	4
6	1257296GT	SCREW,PHPM-ST,8-32X.50,TYPE F,ZAG	
7	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	2
8	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT power cable not shown	6
9	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	1
9-	1261689GT	SLEEVE, CABLE-END, 12AWG, 4MM not included in the 144161, (from SN Z60M-516)	3
10	13597GT	TERMINAL,#10 RING,BLUE crimp one end of 13597 to swing chassis ground wire	1
11	T112560GT	RECEPTACLE,UK,110V	1
11-	1261689GT	SLEEVE, CABLE-END, 12AWG, 4MM not included in the T112560, (from SN Z60M-516)	2
11-	1312776GT	SLEEVE, CABLE-END, 2 X 4 SQ. MM not included in the T112560, (from SN Z60M-516)	1
12	1253489GT	SCREW,FHPM,6-32 X .75,ZAG	2
13	T112561GT	PLATE,UK,POWER TO PLAT	1
14	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	1
15	55089GT	WIRE,14 GA,GREEN/YELLOW,THHN**	6

802.1 Air Line to Platform



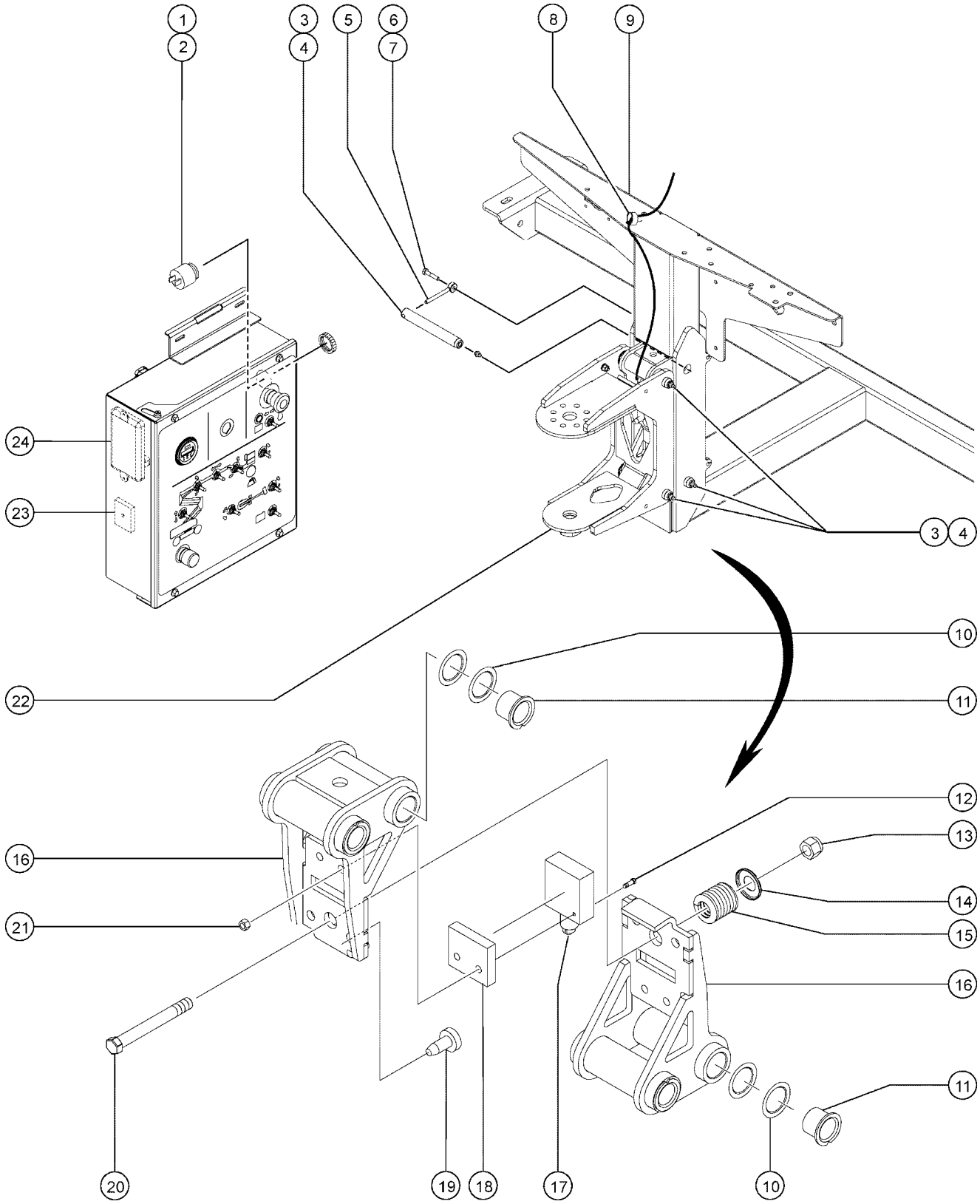
Item	Part No.	Description	Qty.
1	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	1
2	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	2
3	49212GT	FEMALE BULKHEAD CONNECTOR-8	2
4	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	1
5	227306GT	CLAMP ASSY,OPTIONS BLOCK W/NUT	2
6	1256171GT	SCREW,HHC,1/4-20X3,8,ZAG	4
7	824113GT	WASHER,FLAT,USS,1/4,ZAG	4
8	1256173GT	SCREW,HHC,3/8-16X4.5,8,ZAG	2
9	1255758GT	WASHER,FLAT,3/8,USS,ZAG	2
10	228796GT	CLAMP, OPTIONS, CABLE TRACK	1
11	228969GT	CLAMP, OPTION, CABLE TRACK	1
12	1256853GT	SCREW,HHF,1/4-20X4.5,8,ZAG	2
13	49177-96542GT	HOSE ASSEMBLY, 1/2" AIR, BARB, STR FEM, STR FEM	1
13-	49213GT	HOSE END,BARBED,SWIVEL,JIC,8-8	2
13-	39888GT	HOSE,1/2,LOW PRESSURE,801-8***	24.52 inches
14	49215GT	MPT,CPLR,1/4"SER,3/8"X18	1
15	1275087GT	FORMING, AIR TO PLAT	1
16	1256863GT	WASHER,FLAT,.75,F436,HRD,ZAG	2

803.1 Light Package



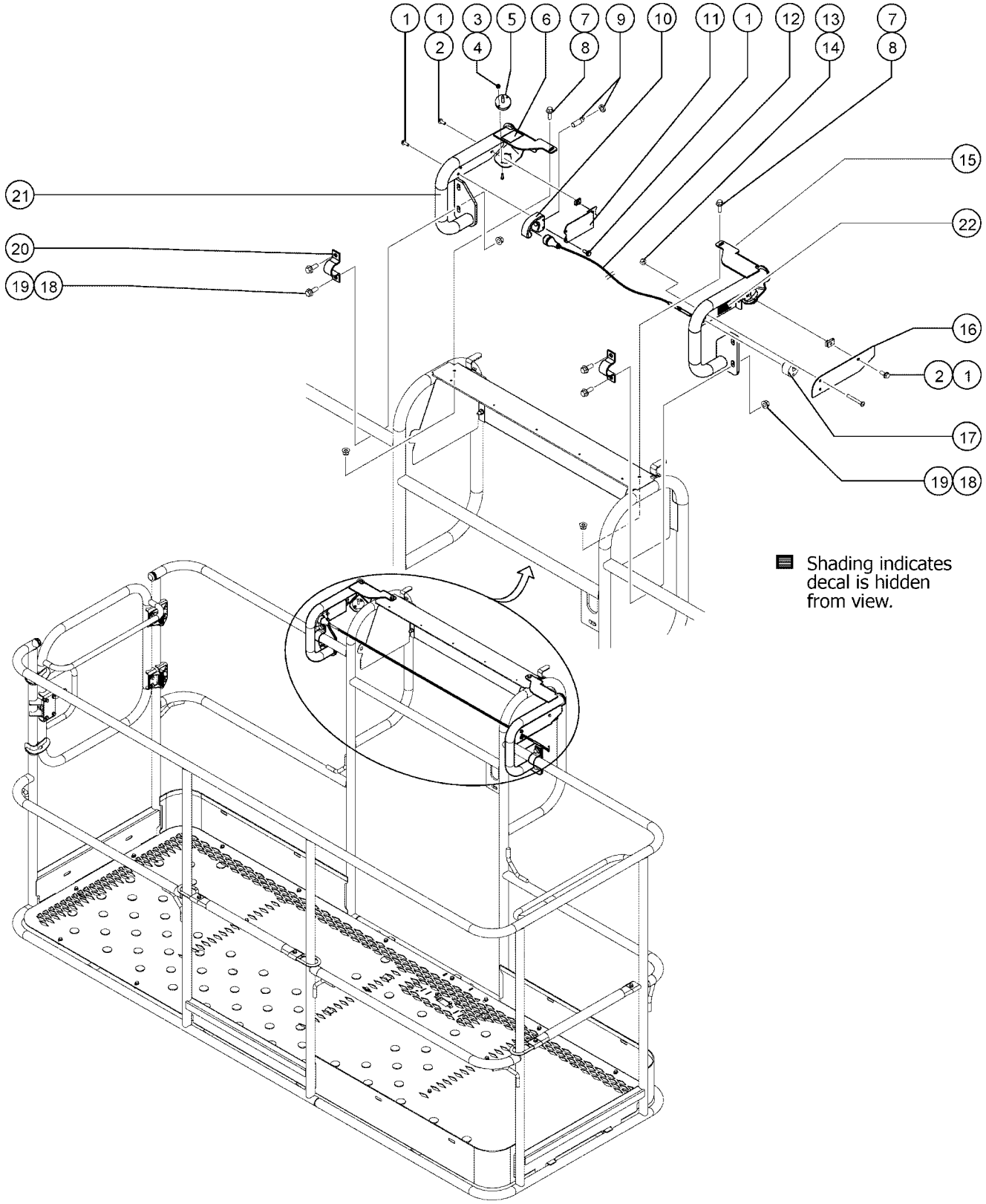
Item	Part No.	Description	Qty.
A	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	1
B	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
C	72867GT	DECAL,LABEL,LIGHTS***	1
D	1271882GT	KIT, WIRING, WORK LIGHTS OPT, Z60/37 (inside platform control box)	
1	1256464GT	SCREW,HHC,5/16-18X.75,8,ZAG	2
2	824113GT	WASHER,FLAT,USS,1/4,ZAG	2
3	1271696GT	ASSEMBLY, WHITE LED LIGHT, ROU	4
4	35956GT	WORK LIGHT MOUNTING BRACKET	2
5	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	6
6	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	6
7	1271588GT	ASSEMBLY, AMBER LED BEACON, 36 IN. 2 WAY CONN.	2
8	1257489GT	SCREW,HHC,3/8-16X.625,8,ZAG	2
9	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	2
10	1274293GT	LOOM, LIGHT PACKAGE OPTION (drive lights)	2
11	824081GT	SCREW,HHF,1/4-20X1.5,8,ZAG	4

804.1 Platform Overload Option



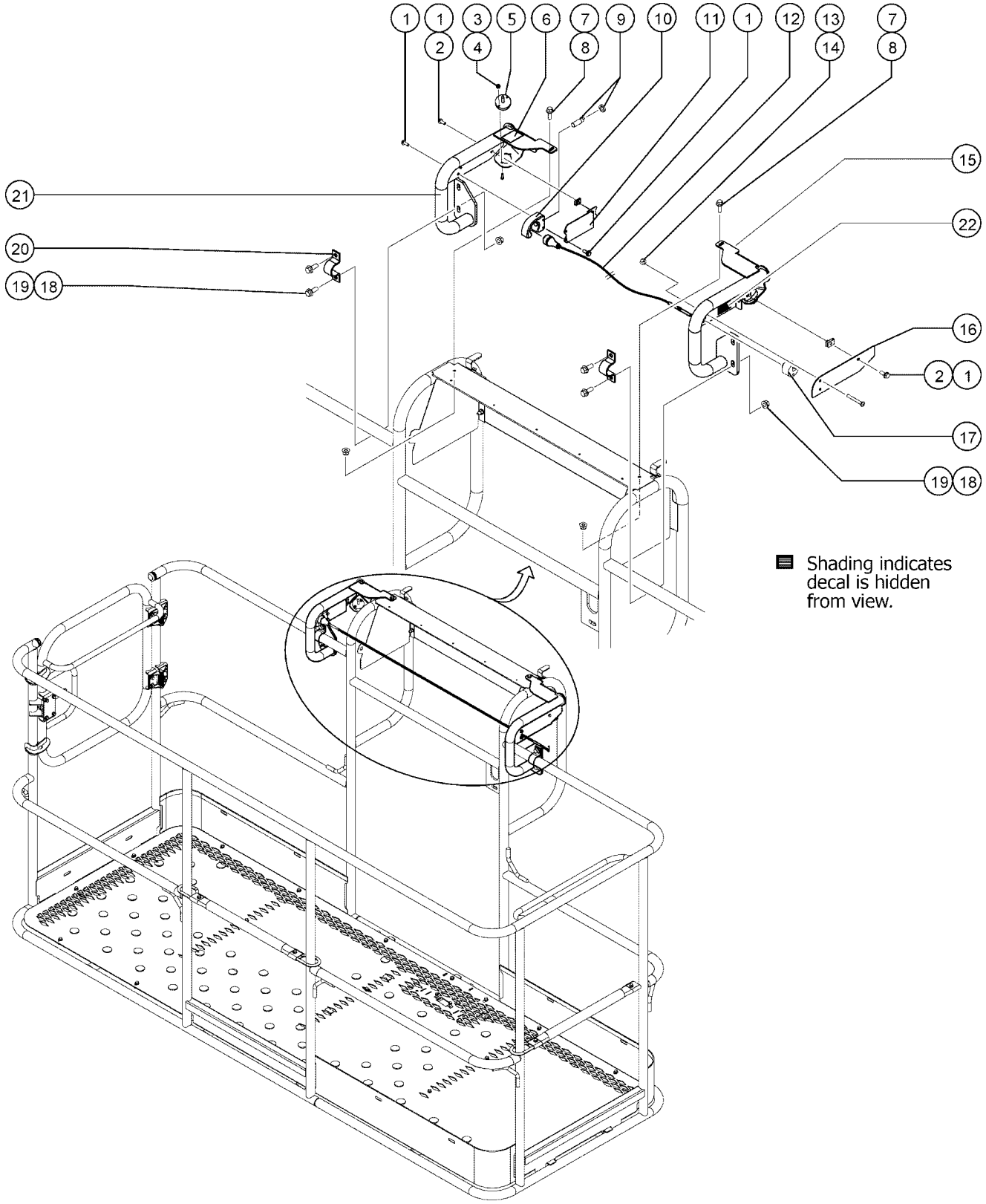
Item	Part No.	Description	Qty.
A	94460-SGT	KIT,LOAD SENSE MECHANICAL,LRG includes items 3-16, 18-21	1
A-	119672GT	CE FIELD SHIM KIT LOAD SENSE includes items 9 and 10	1
1	45383GT	ALARM,WARBLE TONE 5-30 VDC***	1
2	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
3	61726GT	PIN,0.75DIAX5.75LG,CHAMFER	4
4	94643GT	ZERK,GREASE,5/16-24,STRAIT	4
5	825020GT	ROD END, .25 X 2.75, ZAG	4
6	824061GT	SCREW, HHC, 1/4-20 X 1.25, 8, ZAG	4
7	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
8	45470GT	CLAMP,0.31,#5 X 1/4,RUB CUSH	1
9	61997GT	WELDMENT,PLATFORM SUPPORT,CE	1
10	110789GT	WASHER,SHIM .0151 THK.	16
11	25685GT	BEARING,GARLOCK,12FDU12	8
12	1257264GT	SCREW,BHC,10-32X1.5,F835,ZAG	2
13	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	1
14	61975GT	RETAINER,SPRING,1.21 X .375	1
15	61974GT	SPRING,COMP,1" OD,232 LB/IN	1
16	61809GT	WELDMENT,LOAD SUPPORT	2
17	1263721GT	HARNESS, LOAD SENSE, Z60/37 includes limit switch	
17-	99183GT	SWITCH, ROLLER PLUNGER LIMIT	1
18	61972GT	MOUNT,SWITCH	1
19	34619GT	BUMPER,RUBBER***	2
20	824095GT	SCREW, HHF, 3/8-16 X 3, 8, ZAG	1
21	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	2
22	61804GT	WELDMENT,ROTATOR SUPPORT	1
23	121846GT	RELAY, TIME DELAY, 2 SEC, 10A	1
24	128045GT	MODULE,LOAD SENSE 2007	1

805.1 Lift Guard Contact Alarm



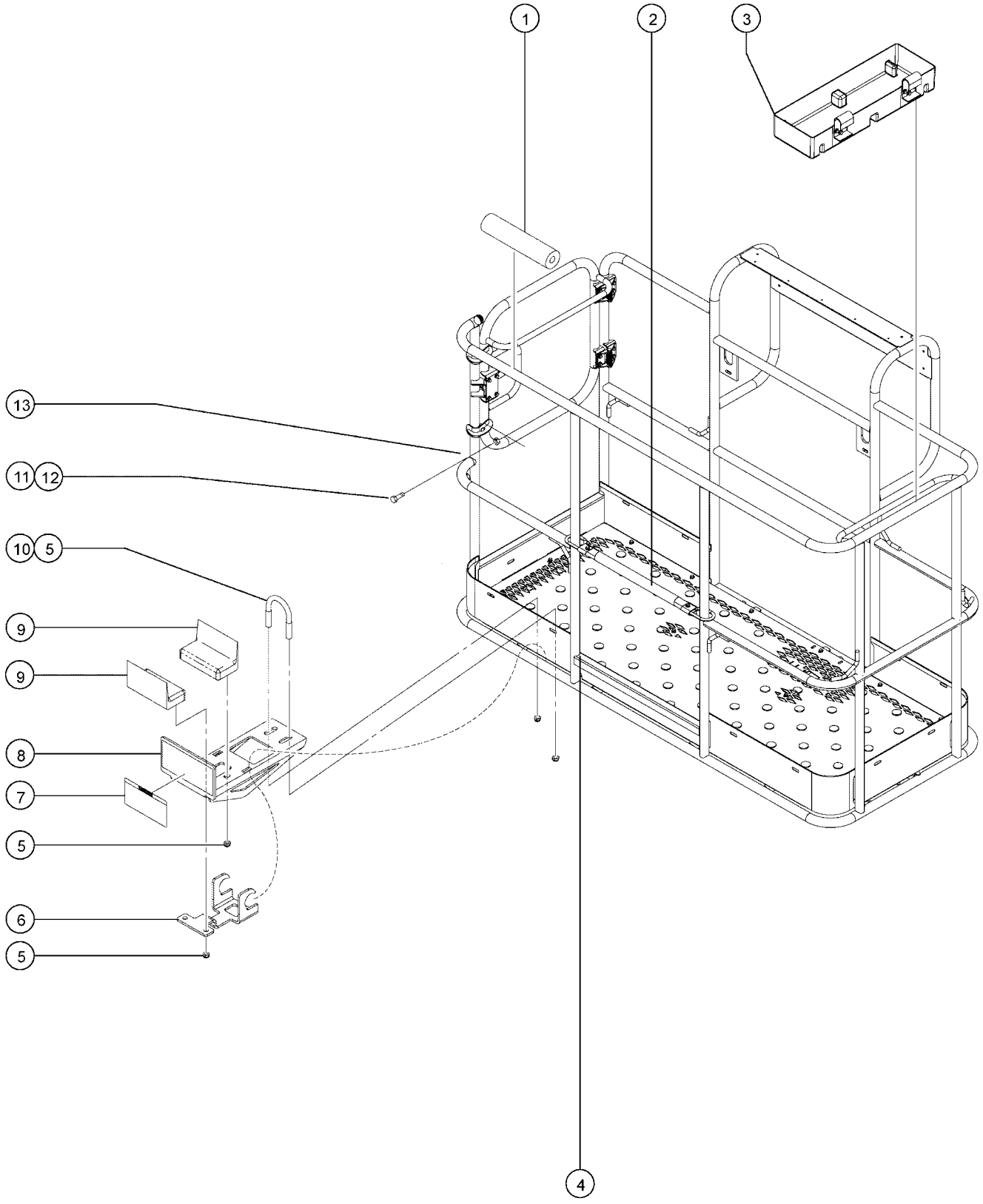
Item	Part No.	Description	Qty.
A-		From January 2017, this option became a standard installation on all models unless the customer specifically request not to have it installed	
B-	1279135GT	KIT, LIFT GUARD CONTACT ALARM,6'-8' PLATFORM,NON-ALC1000	
C-	1278109GT	HARNESS OPA2, Z60E	
D-	19274GT	RELAY,SPDT,12V(AUTO)**	
E-	1278121GT	MODULE, PLUS+1, OPA2 (not shown) inside 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
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	1274168GT	NUT,NYLOCK,10-32,A,ZAG	
14	824216GT	SCREW, PHPM, 10-32 X 1.5, ZAG	
15	1278138GT	WELDMENT, RIGHT CONTACT ALARM, LARGE	1
16	1277875GT	PLATE, CABLE AND WIRE COVER	1
17	1277876GT	GUIDE, CABLE	1
18	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	

805.1 Lift Guard Contact Alarm



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

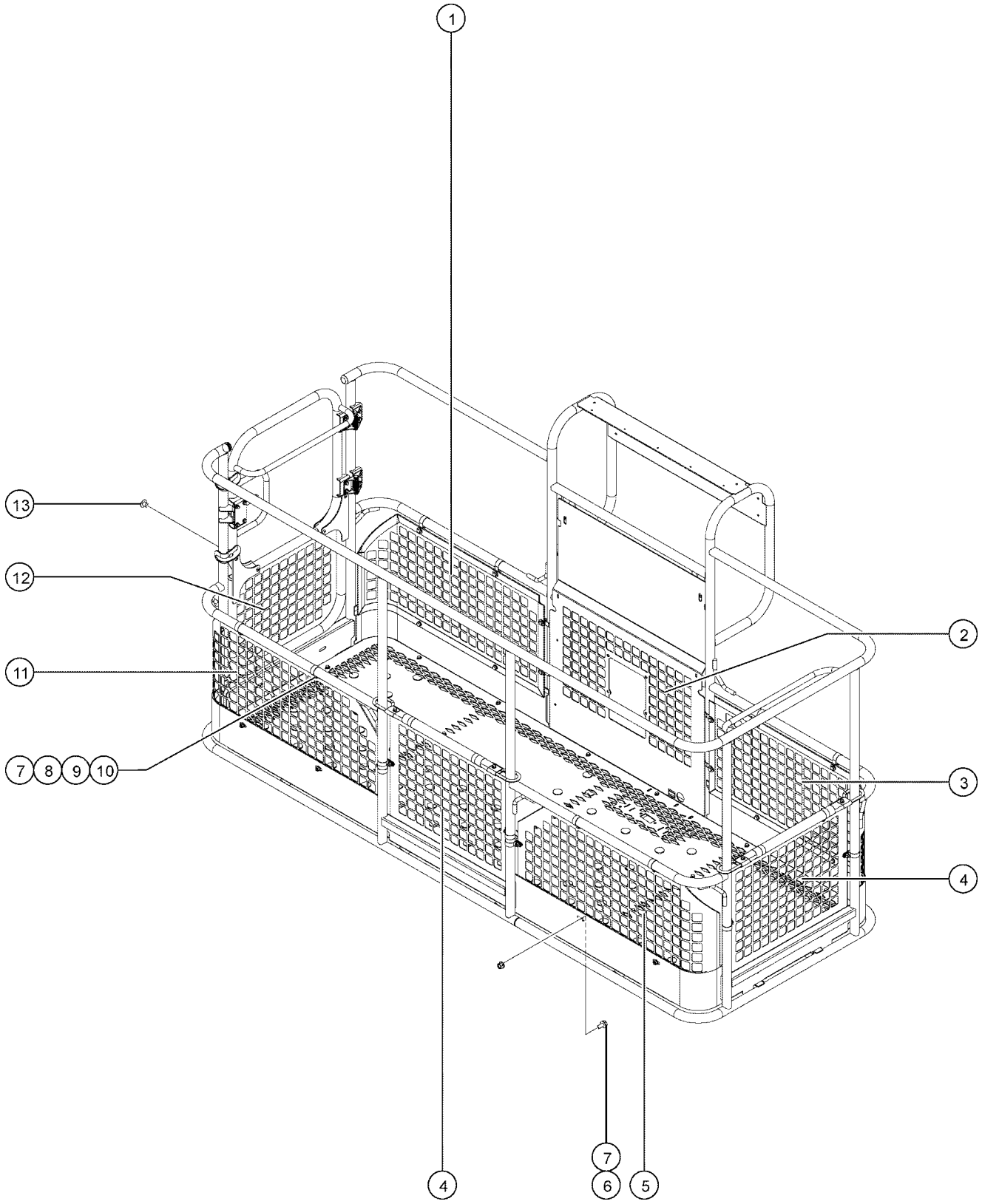
806.1 Panel Cradle and Tool Tray



806.1 Panel Cradle and Tool Tray

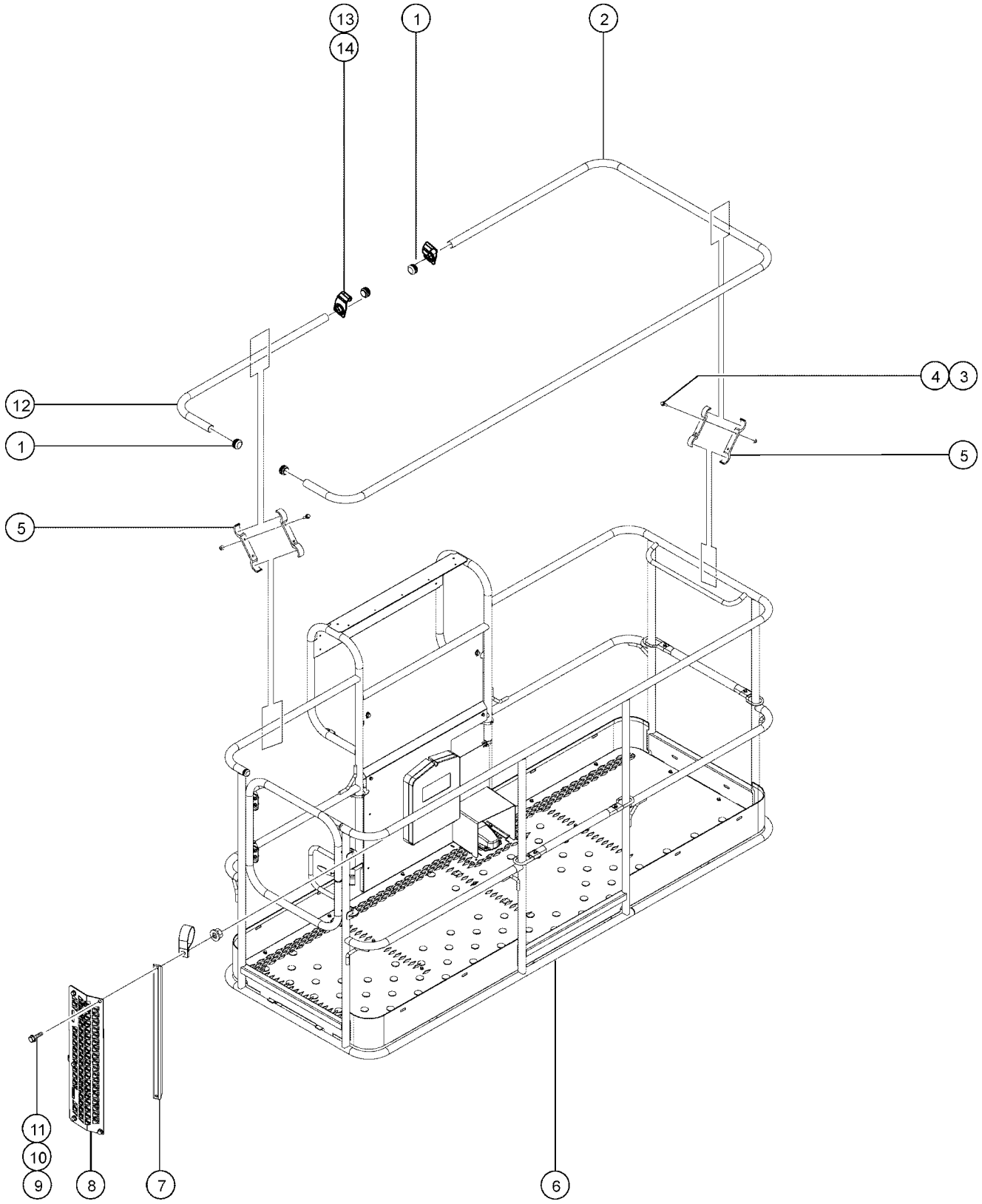
Item	Part No.	Description	Qty.
A	94493-SGT	KIT,PANEL CRADLE,CE (CE models) Not allowed for AUS installation	
1	88377-1400GT	FOAM PAD***	2
2	77664GT	ADJUSTABLE STRAP ASSY	1
3	9599-SGT	TOOL TRAY ACCESSORY***	
3-	7746GT	BRACKET-TOOL TRAY MOUNTING	
4	73463-1175GT	TUBE, RD, ALUM, 1.25 X .083 X 11.75	2
5	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
6A	233993GT	KIT,PANEL CRADLE BRACKET,SYMBL (CE models) (includes hook, panel support bracket and installation instructions)	1
6B	228849GT	FORMING,SECONDARY SUPPORT 77576P is no longer available. For machines before 2010, must install Qty 2 service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	2
7	82487GT	DECAL,SYMBOL-READ THE MANUAL (CE models)	2
8A	233993GT	KIT,PANEL CRADLE BRACKET,SYMBL (CE models) (includes hook, panel support bracket and installation instructions)	1
8B	228848GT	FORMING PANEL CRADLE 89724 is no longer available. For machines before 2010, must install Qty 2 service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	2
9	56934GT	PAD,REST,1"THICK,FLANGED	4
10	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
11	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	1
12	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	1
13	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	1

807.1 Half Mesh Option



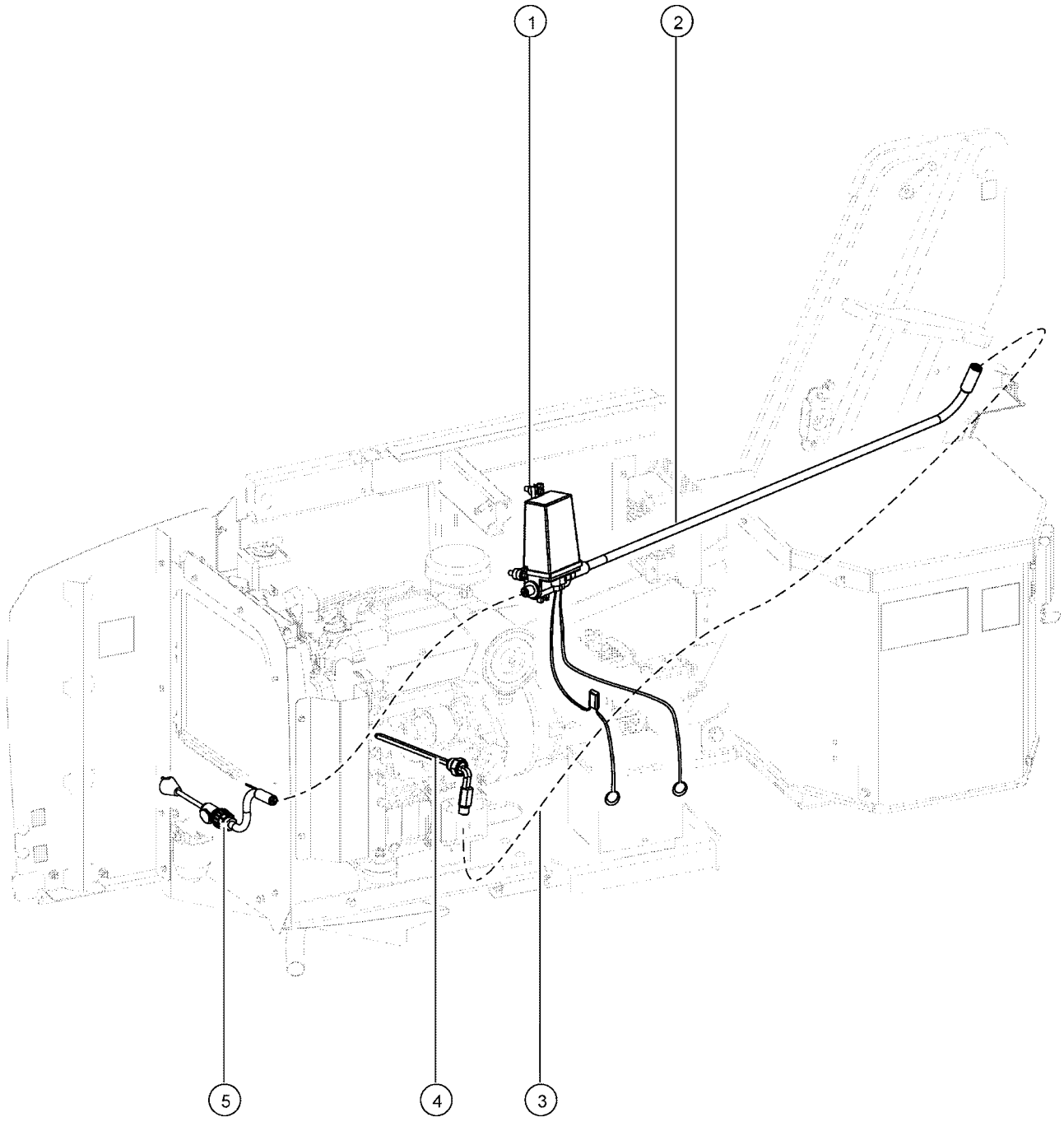
Item	Part No.	Description	Qty.
1A	1270994GT	PANEL, HALF MESH (8 foot Platform)	1
1B	1270314GT	PANEL, HALF MESH (6 foot Platform)	1
2	73901GT	DECAL PLATE,MESH (8 and 6 foot Platform)	1
3	1271019GT	PANEL, HALF MESH (8 foot Platform)	1
4	1271061GT	PANEL, HALF MESH (8 and 6 foot Platform)	
5A	1271018GT	PANEL, HALF MESH (8 foot Platform)	1
5B	1270313GT	PANEL, HALF MESH (6 foot Platform)	1
6	824085GT	SCREW, HHF, 5/16-18 X .75, 8, ZAG	
7	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	
8	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
9	825358GT	WASHER,FLAT,5/16,USS,ZAG	
10	1264101GT	SCREW,HHC,5/16-18X1,8,ZAG	
11A	1271040GT	PANEL, HALF MESH (8 foot Platform)	1
11B	1270316GT	PANEL, HALF MESH (6 foot Platform)	1
12	1285700GT	WELDMENT. GATE, HALF MESH (used on 6' and 8' side entry platforms) (models from SN 1070 to 1171 required to order Swing Gate Weldment, refer to 602.1)	
12-	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
13	824207GT	RIVET, STL, STL, DOME, 1/4 X .375, ZAG	8

808.1 Platform Accessories



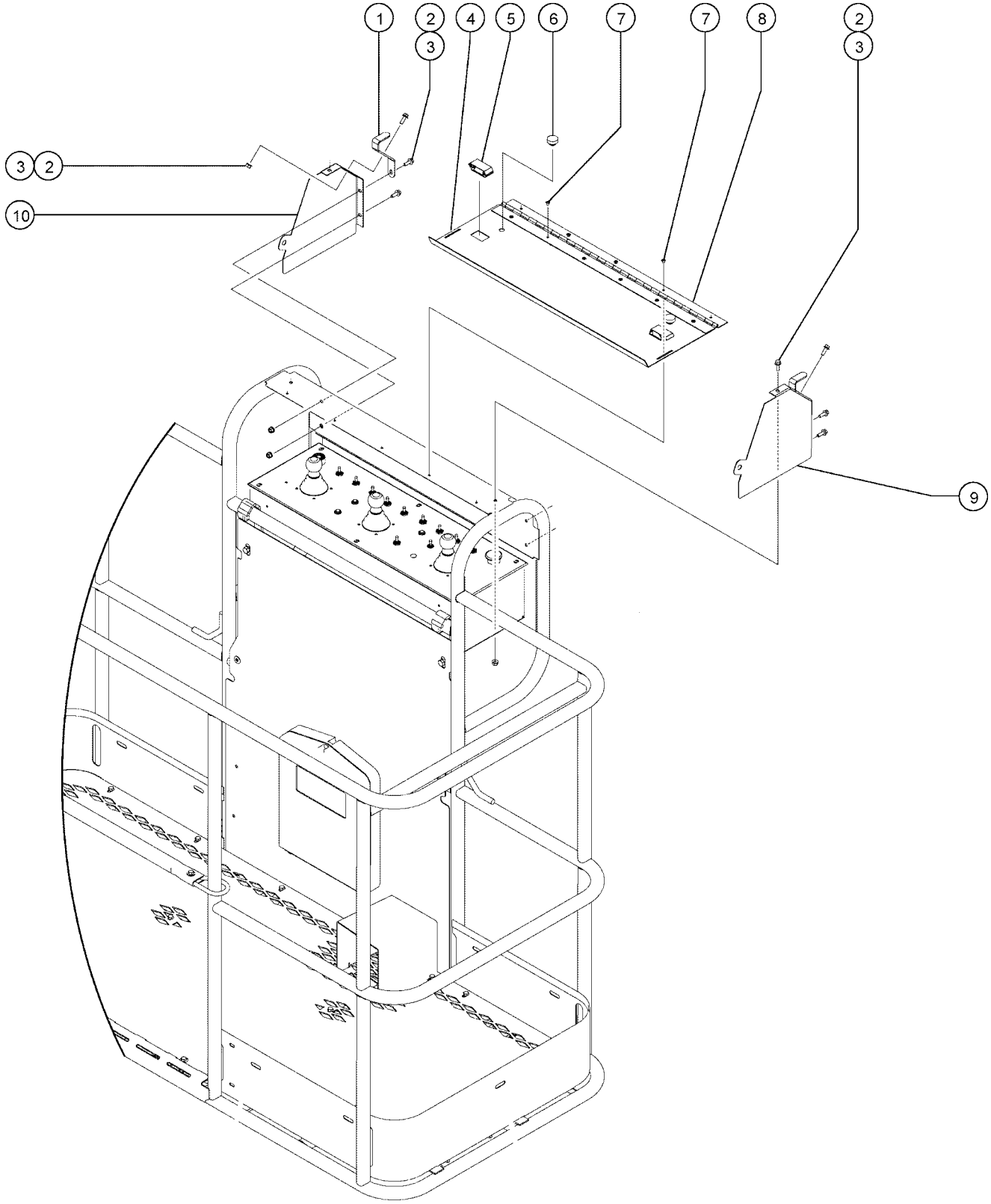
Item	Part No.	Description	Qty.
1	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
2A	1276658GT	AUX RAIL, 8' PLAT, SIDE ENTRY (8 foot Platform)	1
2B	1276665GT	AUX RAIL, 6' PLAT, SIDE ENTRY (6 foot Platform)	1
3A	824079GT	SCREW,HHF,1/4-20X1,8,ZAG (8 foot Platform)	26
3B	824079GT	SCREW,HHF,1/4-20X1,8,ZAG (6 foot Platform)	22
4A	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG (8 foot Platform)	26
4B	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG (6 foot Platform)	22
5A	122073GT	SUPPORT, RAILING (8 foot Platform)	26
5B	122073GT	SUPPORT, RAILING (6 foot Platform)	22
6		Ref. PLATFORM (refer to 602.1)	1
7	1277966GT	TUBE,SQUARE, 1" X 1" X .125	1
8	1277952GT	GUARD, SWING GATE	1
9	824086GT	SCREW,HHF,5/16-18X1,8,ZAG	5
10	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	5
11	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	5
12A	1276659GT	AUX RAIL, 8' PLAT, SIDE ENTRY (8 foot Platform)	1
12B	1276664GT	AUX RAIL, 6' PLAT, SIDE ENTRY (6 foot Platform)	1
13	1273076GT	FORMING, BRACKET, AUX RAIL	2
14	1256202GT	GROMMET, 1-1/4"IDx1.88OD	2

809.1 Cold Start, FE Models



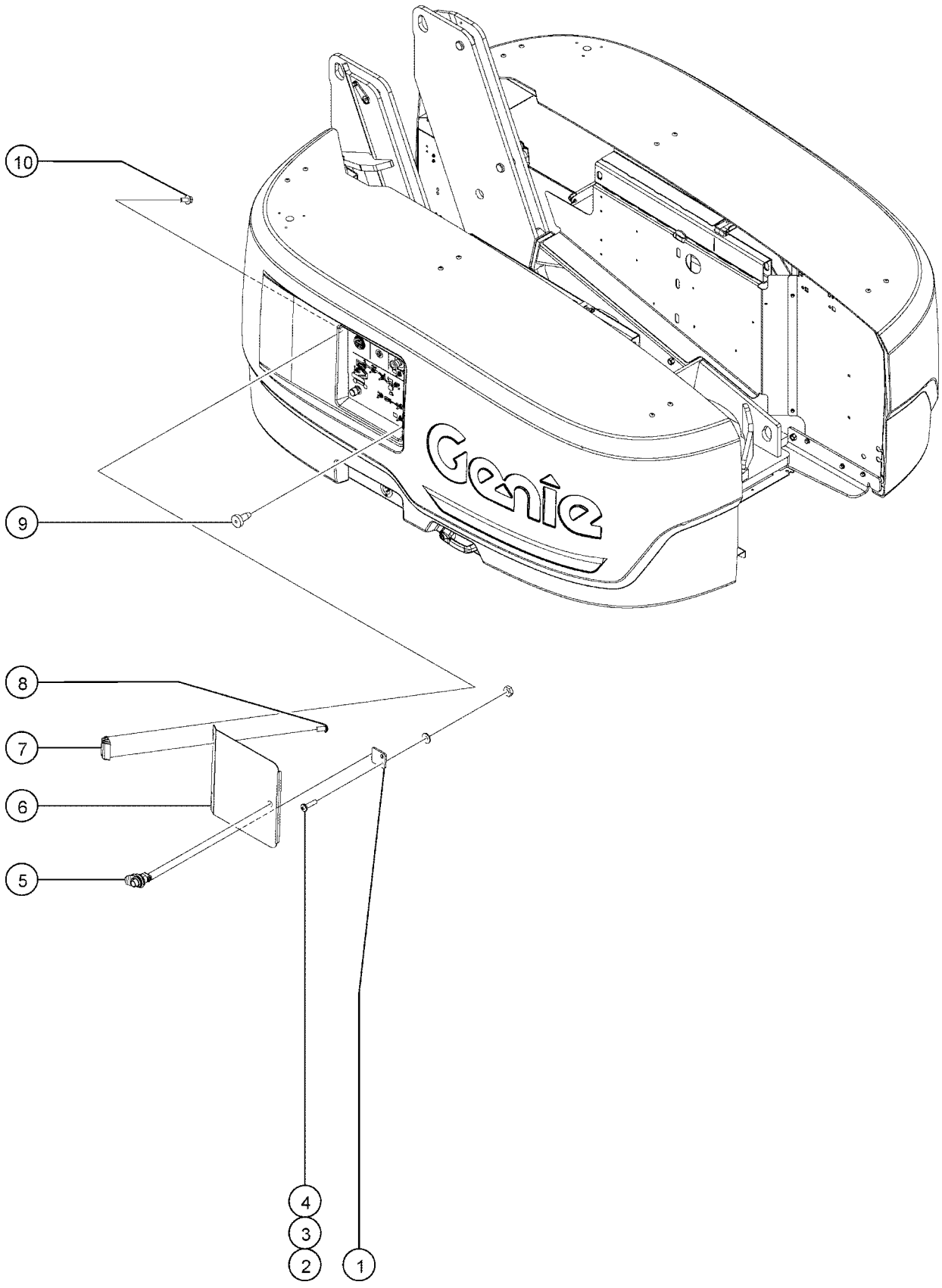
Item	Part No.	Description	Qty.
	20973GT	WIRE LOOM,3/8 POLY SLIT	2
1	1294422GT	MULTI-CHARGER, BATTERY, 1210, FLEX	1
2	1261879GT	CABLE, EXTENSION, 1210	1
3	1258823GT	CABLE, EXTENSION, 1210, 2M	1
4	1261878GT	ELEMENT, HEATER, COOLANT, KUBOTA	1
5	1258783GT	CABLE, CONNECTION, MAINS	1

810.1 Platform Control Cover Option



Item	*Part No.*	*Description*	*Qty.*
1	102786PGT	FORMING,LATCH,CTRL BOX LID PTD	2
2	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	8
3	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	8
4	102785PGT	CONTROL BOX COVER,LID,PTD	1
5	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	2
6	43392GT	BUMPER,BATTERY BOX & RAILS	2
7	87085GT	RIVET,ALUM,P,.188 X .25	11
8	111526GT	HINGE,PLAT CONTROL BOX COVER	1
9	88606PGT	COVER,CONTROL BOX RIGHT SIDE**	1
10	88607PGT	COVER,CONTROL BOX LEFT SIDE***	1

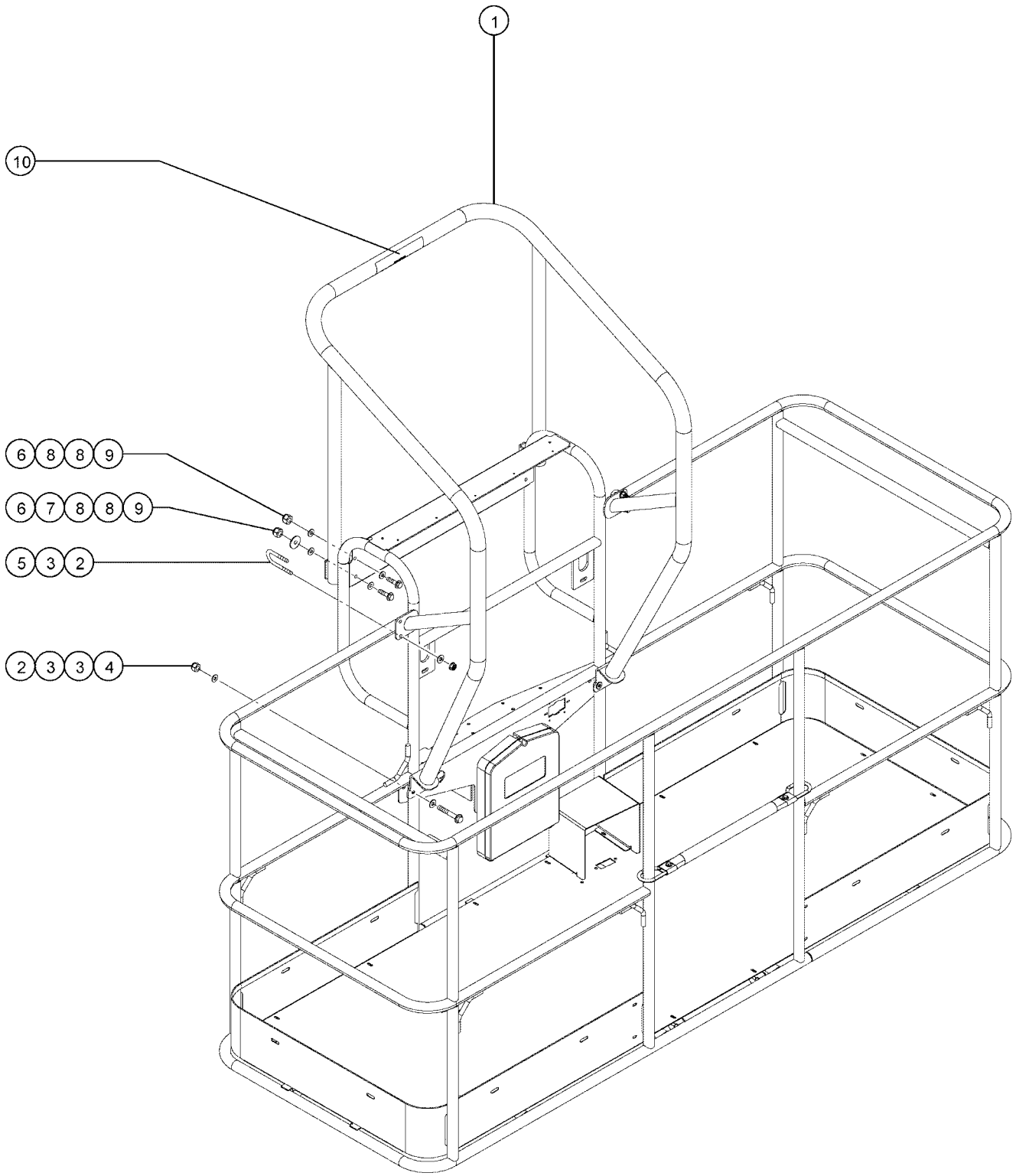
811.1 Ground Control Box Cover



811.1 Ground Control Box Cover

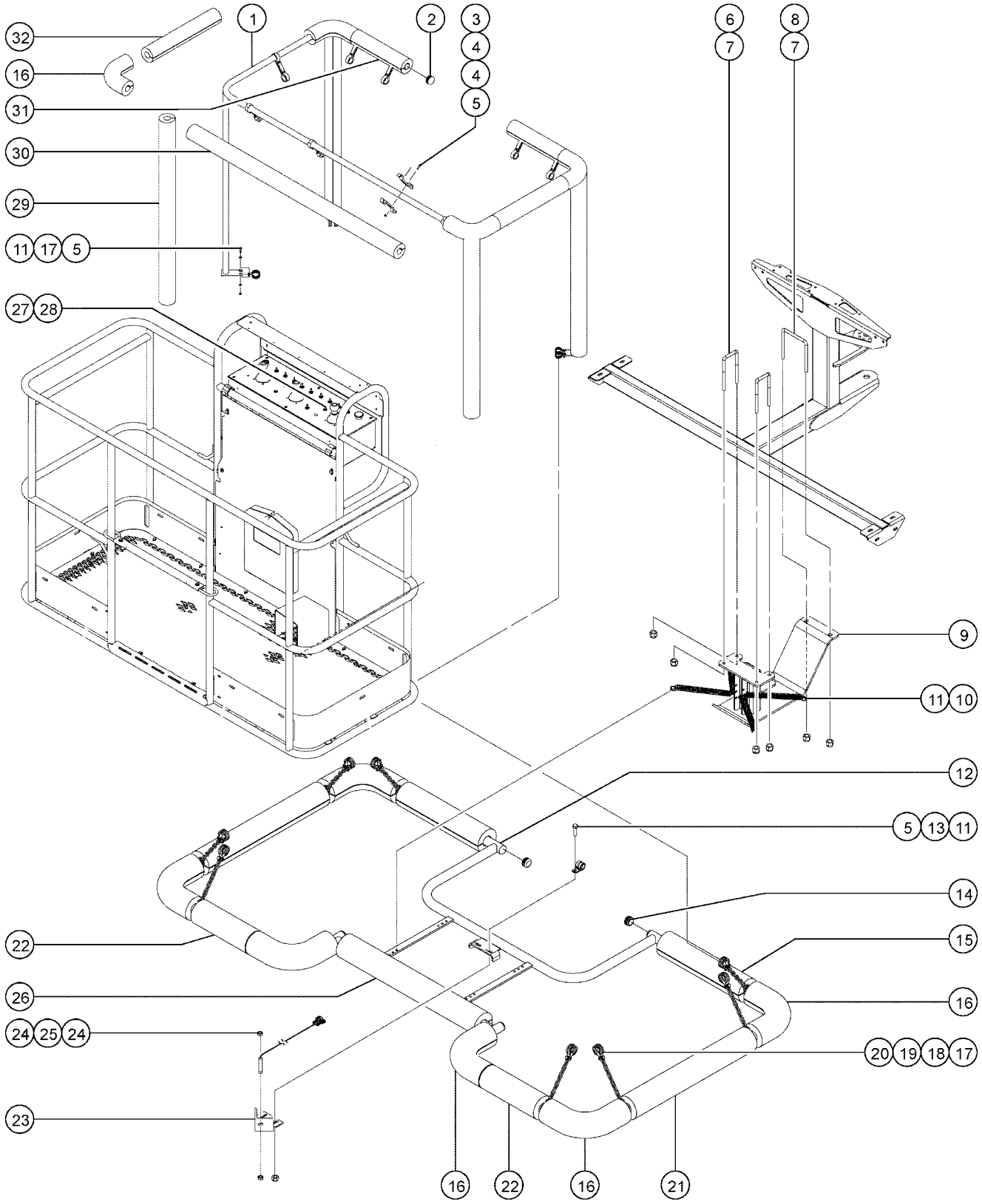
Item	*Part No.*	*Description*	*Qty.*
1	823748GT	LATCH STRIKER	1
2	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	2
3	1253185GT	WASHER,FLAT,#10,USS,ZAG	6
4	1256804GT	NUT,10-32,ZAG	2
5	1259583GT	LATCH, PUSH BUTTON	1
6	823747GT	FORMING, CONTROL COVER	1
7	1259584GT	HINGE, CONSTANT TORQUE	2
8	229845GT	SCREW,BHSCS,M5X10,SS	4
9	34619GT	BUMPER,RUBBER***	2
10	1257227GT	SCREW,PHPM,10-32X.625,ZAG	4

812.1 Operator Protective Structure



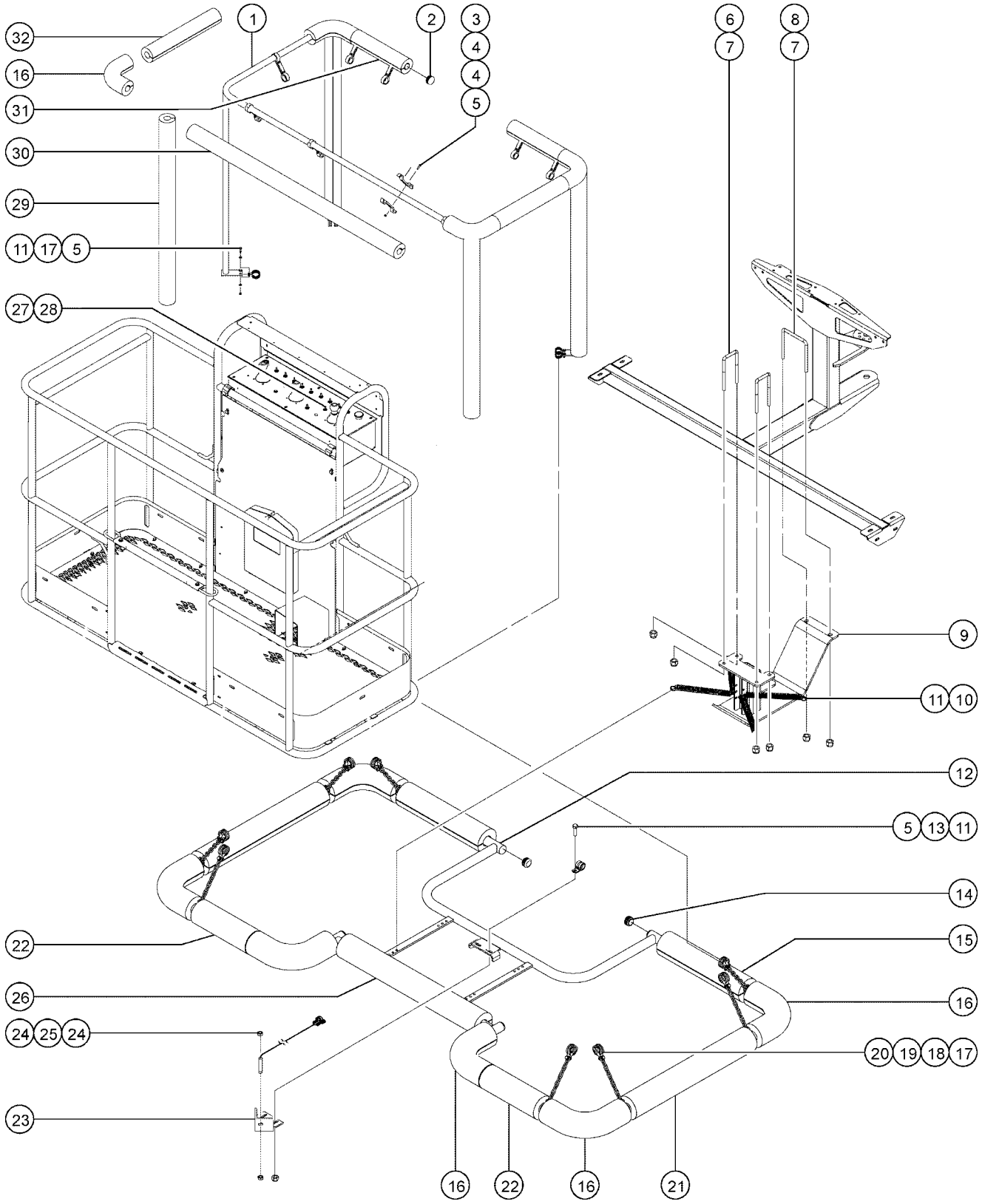
Item	Part No.	Description	Qty.
A-		Fits all 6' and 8' Booms	
1	219158GT	ACCESSORY,OPERATOR PROT STRUCT (Complete) includes all fasteners	1
2	1256468GT	NUT,3/8-16,8,ZAG	8
3	1255758GT	WASHER,FLAT,3/8,USS,ZAG	12
4	824069GT	SCREW, HHC, 3/8-16 X 2.5, 8, ZAG	4
5	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	4
6	1261184GT	NUT,1/4-20,8,ZAG	4
7	824120GT	WASHER,FLAT,.375X1.50X.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, OPS Instructions refer to section 100	1

813.1 Aircraft Protection Package



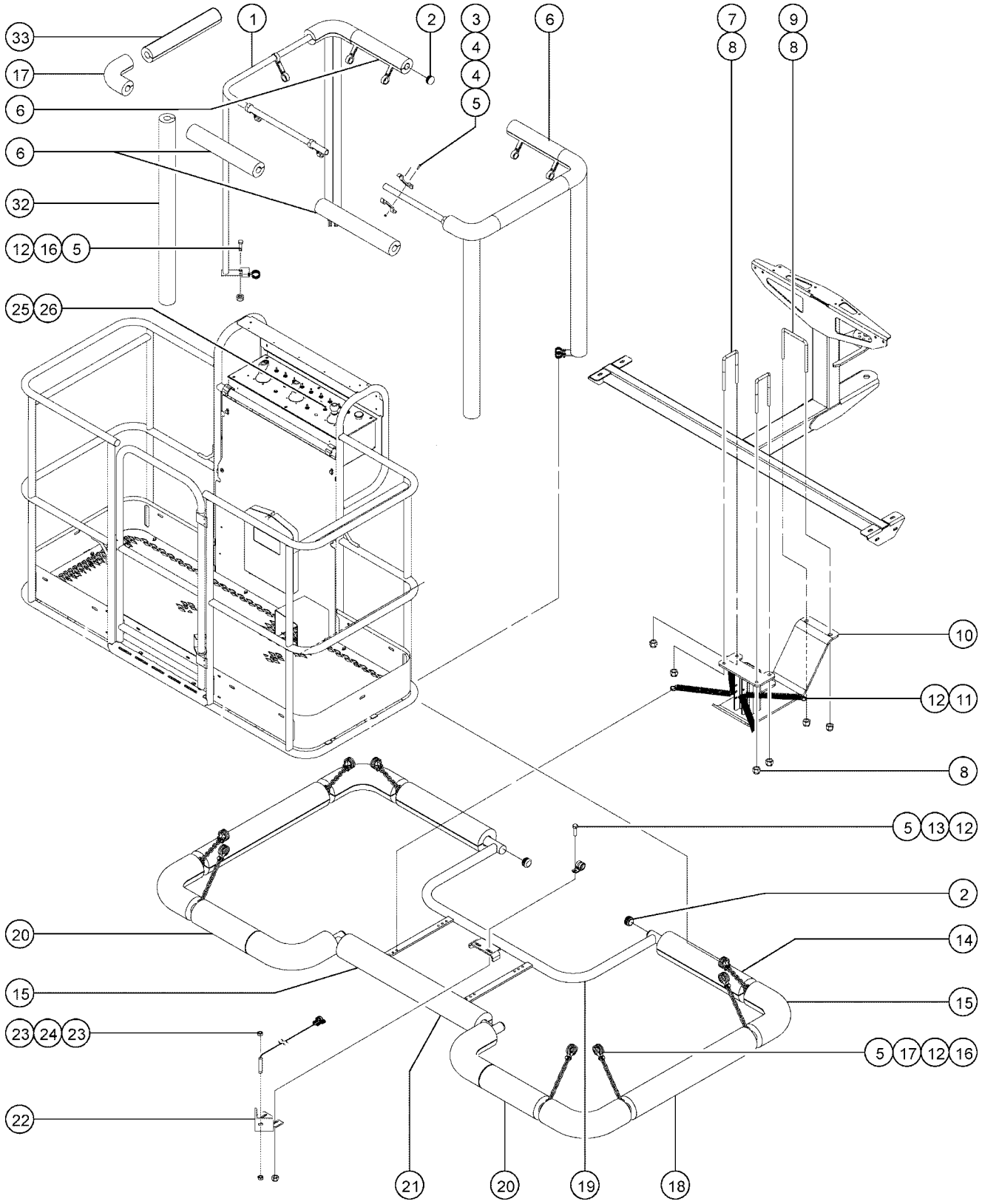
Item	Part No.	Description	Qty.
B	822760GT	ASSY,AIRCRFT PROT, LOWER, 6FT includes items 6-26	1
C	29261GT	MAGNET,NEODYMIUM,.375 X .100	2
D	1272808GT	DECAL, NO STEP, HS ADHESIVE	3
1	46188GT	WELDMENT, AIRCRAFT TOP BUMPER	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
3	824227GT	SCREW, BHC, 1/4-20 X 1, ZAG	
4	122073GT	SUPPORT, RAILING	20
5	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
6	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD	2
7	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
8	106044GT	U-BOLT,3/8-16X4X4.63X3.00	
9	822764GT	WDMT,SKID PLATE	
10	822769GT	SPRING,EXTENSION,1.92LB/IN	4
11	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
12	822759GT	WDMT,AIRCRAFT SENSOR BUMPER	1
13	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
14	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
15	75617-1550GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
16	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG	10
17	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	24
18	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
19	56426-700GT	CHAIN,NO.2 (11 LINKS)	8
20	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
21	75617-2275GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
22	75617-1025GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
23	77797GT	WELDMENT, SENSOR MOUNT	1
24	88390GT	NUT,HEX,M8,PLASTIC	
25	1271407GT	ASSEMBLY, PROX. KILL includes 27391 proximity sensor	1

813.1 Aircraft Protection Package



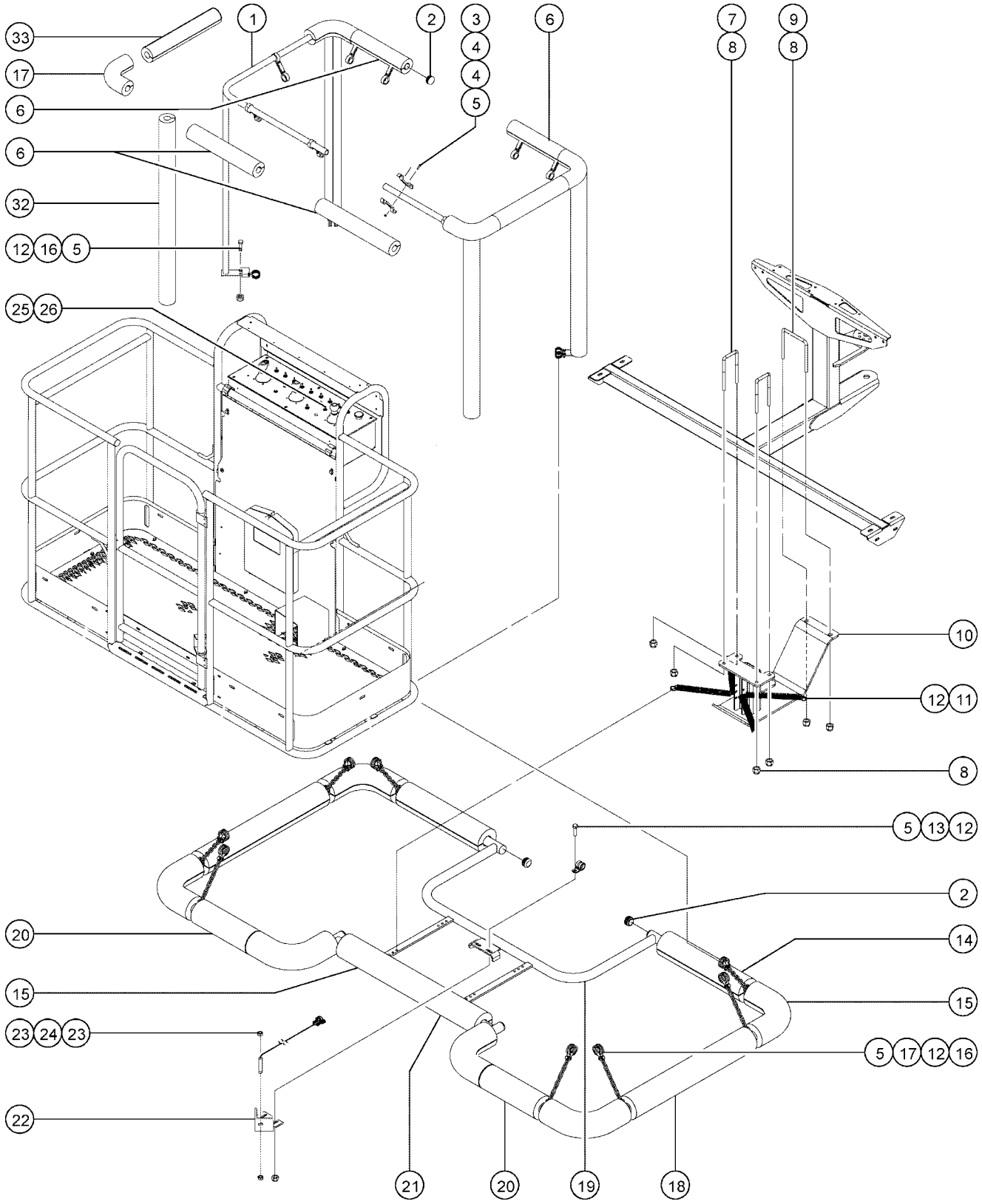
Item	*Part No.*	*Description*	*Qty.*
25-	27391GT	PROXIMITY SENSOR***	1
25-	78098GT	RELAY, 24VDC, 40/30A, SLD W/BRKT*	
26	822768GT	FOAM,AIRCRAFT PROTECTION	1
27	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes item 28	1
28	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
29	1259329GT	PADDING, FOAM, 46.5"	4
30	75617-3138GT	PADDING, FOAM 3.0" OD X 1.50" ID	2
31	1259328GT	PADDING, FOAM, 15.5"	2
32	75617-2075GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

814.1 Aircraft Protection Package With Swing Gate



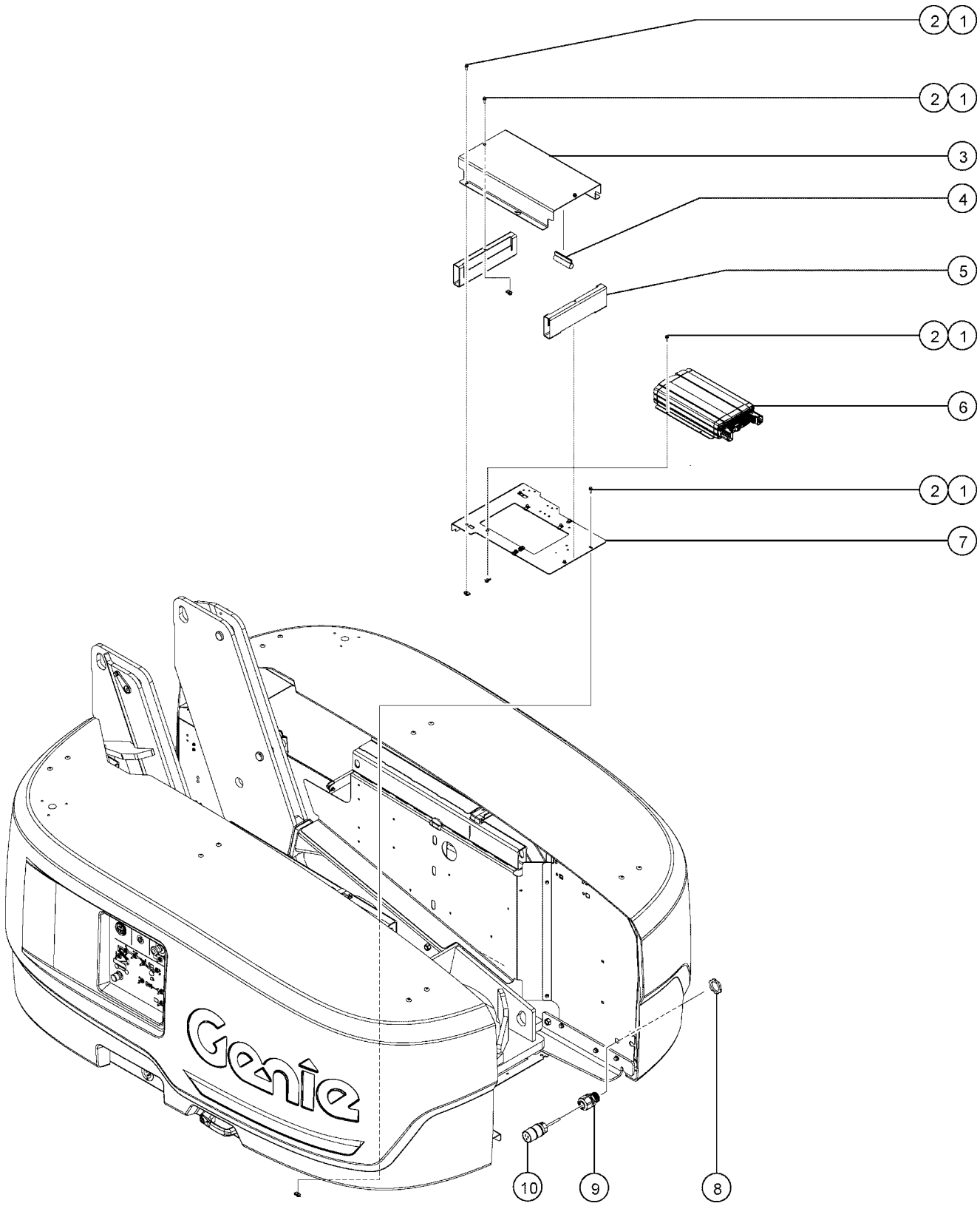
Item	Part No.	Description	Qty.
A	822772GT	ASSY,AIRCRFT PROT, UPPER, 6FT includes items 1-6, 12, 16, 17 and 32-33	1
B	822760GT	ASSY,AIRCRFT PROT, LOWER, 6FT includes items 2, 5, 8, 10-24	1
C	29261GT	MAGNET,NEODYMIUM,.375 X .100	2
D	1272808GT	DECAL, NO STEP, HS ADHESIVE	3
1	822771GT	WDMT,FRAME,AIRCRAFT PROTECTION	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
3	824227GT	SCREW, BHC, 1/4-20 X 1, ZAG	
4	122073GT	SUPPORT, RAILING	20
5	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
6A	1259328GT	PADDING, FOAM, 15.5" For models without Lift Guard Contact Alarm Option	4
16B	1278629GT	PADDING,FOAM, 10.0" For models with Lift Guard Contact Alarm Option	
7	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD	2
8	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
9	106044GT	U-BOLT,3/8-16X4X4.63X3.00	
10	822764GT	WDMT,SKID PLATE	
11	822769GT	SPRING,EXTENSION,1.92LB/IN	4
12	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
13	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
14	75617-1550GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
15	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG	10
16	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	24
17	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	75617-1025GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
21	822768GT	FOAM,AIRCRAFT PROTECTION	1
22	77797GT	WELDMENT, SENSOR MOUNT	1
23	88390GT	NUT,HEX,M8,PLASTIC	

814.1 Aircraft Protection Package With Swing Gate



Item	*Part No.*	*Description*	*Qty.*
24	1261292GT	HARNESS ASSY,PCON,PROX KILL includes 27391 proximity sensor	1
24-	27391GT	PROXIMITY SENSOR***	1
25	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes boot 27246	1
26	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
27	1259329GT	PADDING, FOAM, 46.5"	4
28	75617-2075GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

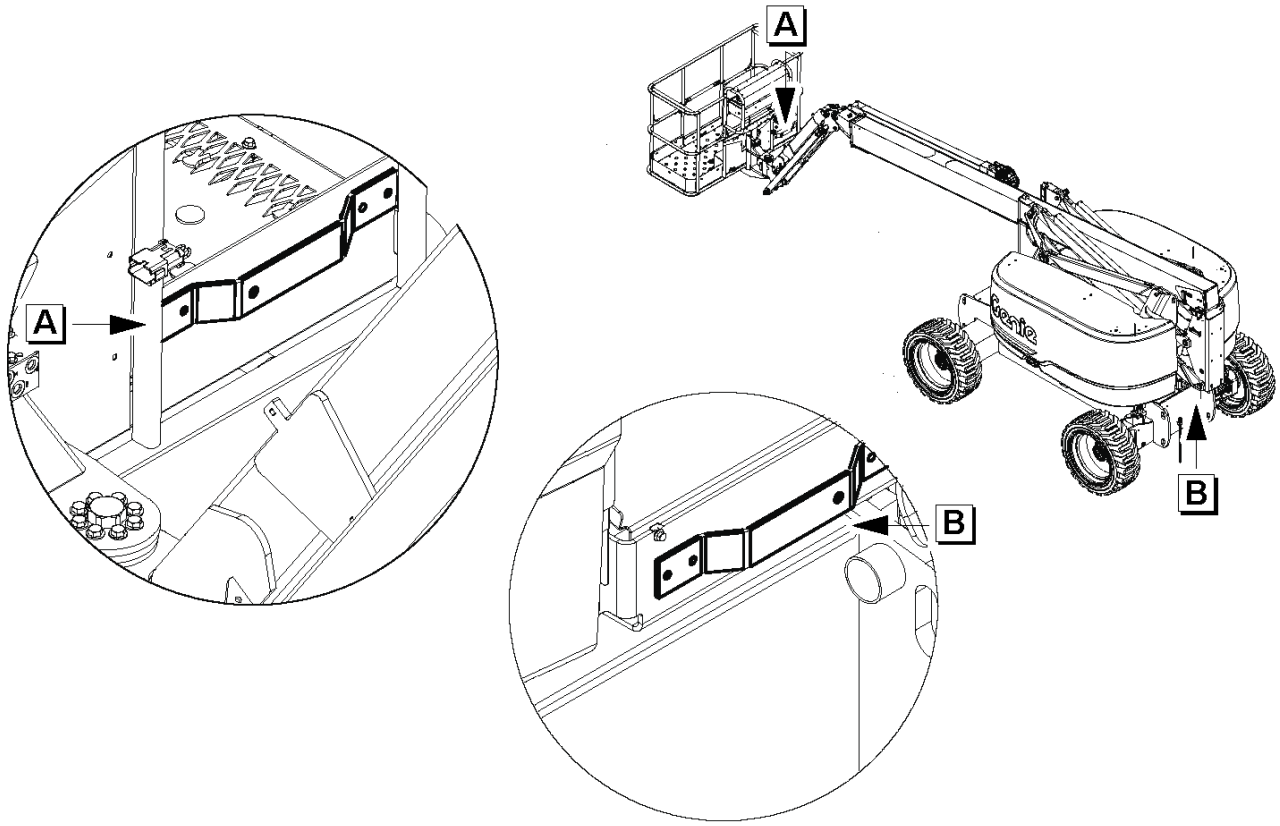
815.1 Inverter

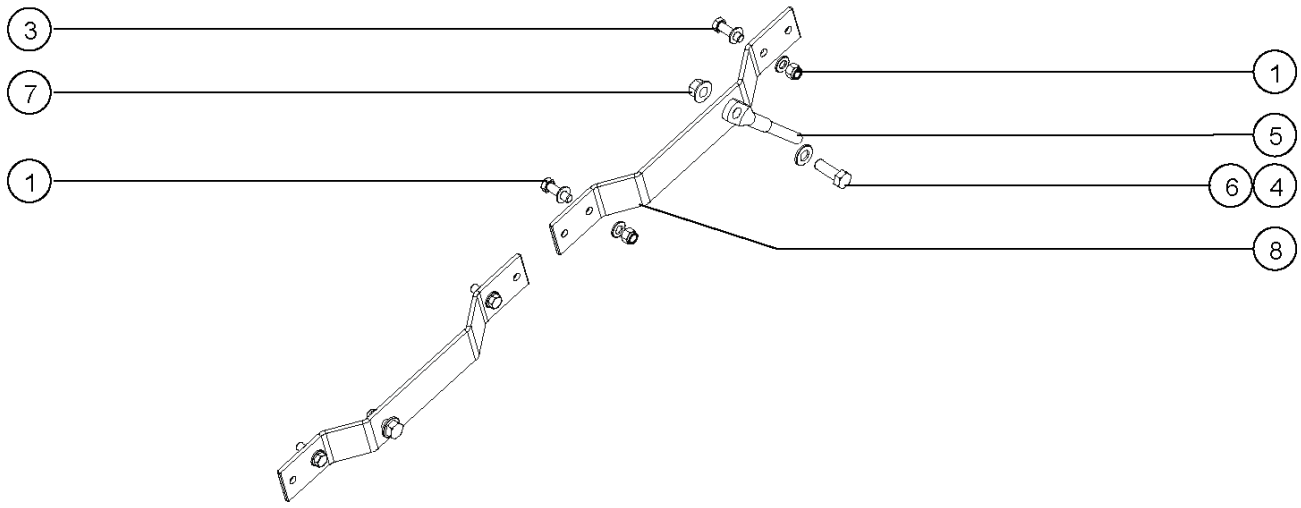


815.1 Inverter

Item	*Part No.*	*Description*	*Qty.*
A	66717GT	FUSE BLOCK, ANN & ANL FUSE	
A-	41023GT	FUSE,175 AMP	
B	80341GT	CONNECTOR, SQZ, 3/4 NPT, BLACK	
B-	680250GT	LOCKNUT, CONDUIT 3/4CSA APPVD	
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
2	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
3	1270680GT	FORMING, INVERTER COVER	1
4	119219GT	TRIM,EDGE,1/8X3/4 END BULB	12 inches
5	1270681GT	TUBE, INVERTER END COVER	2
6A	1269640GT	INVERTER, 2000W, 48VDC TO 120V	1
6B	1270498GT	INVERTER, 2000W, 48VDC TO 240V	1
7	1270679GT	FORMING, INVERTER MOUNT	
8	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
9	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	
10A	119404GT	CONN,RECEP 120AC/15A DOMESTIC Domestic models	
10B		No Plug Installed at Factory International models	

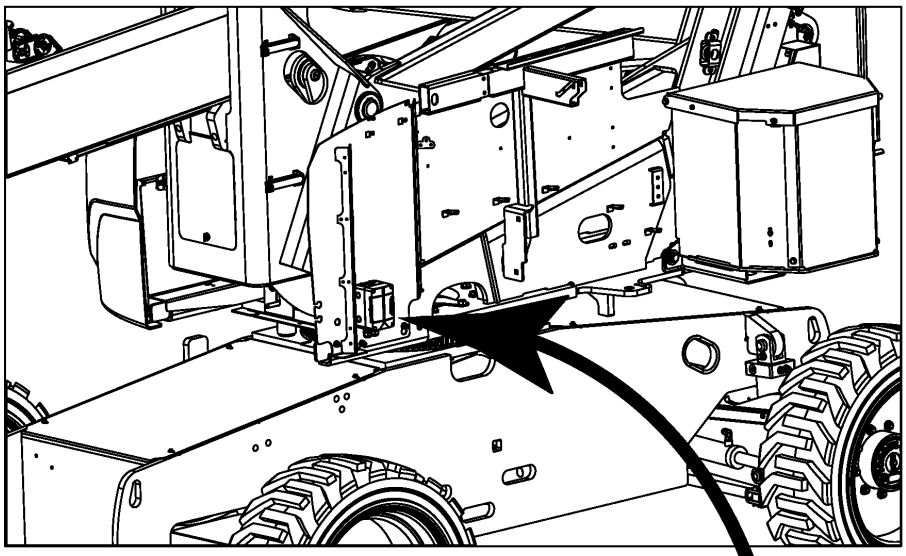
816.1 Earth Cable

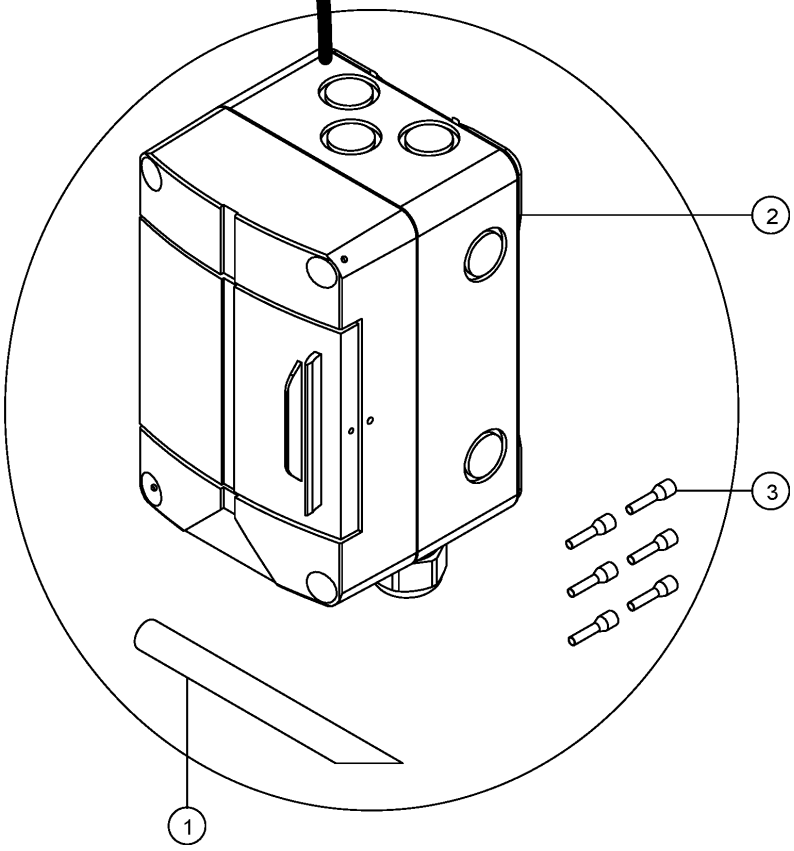




816.1 Earth Cable

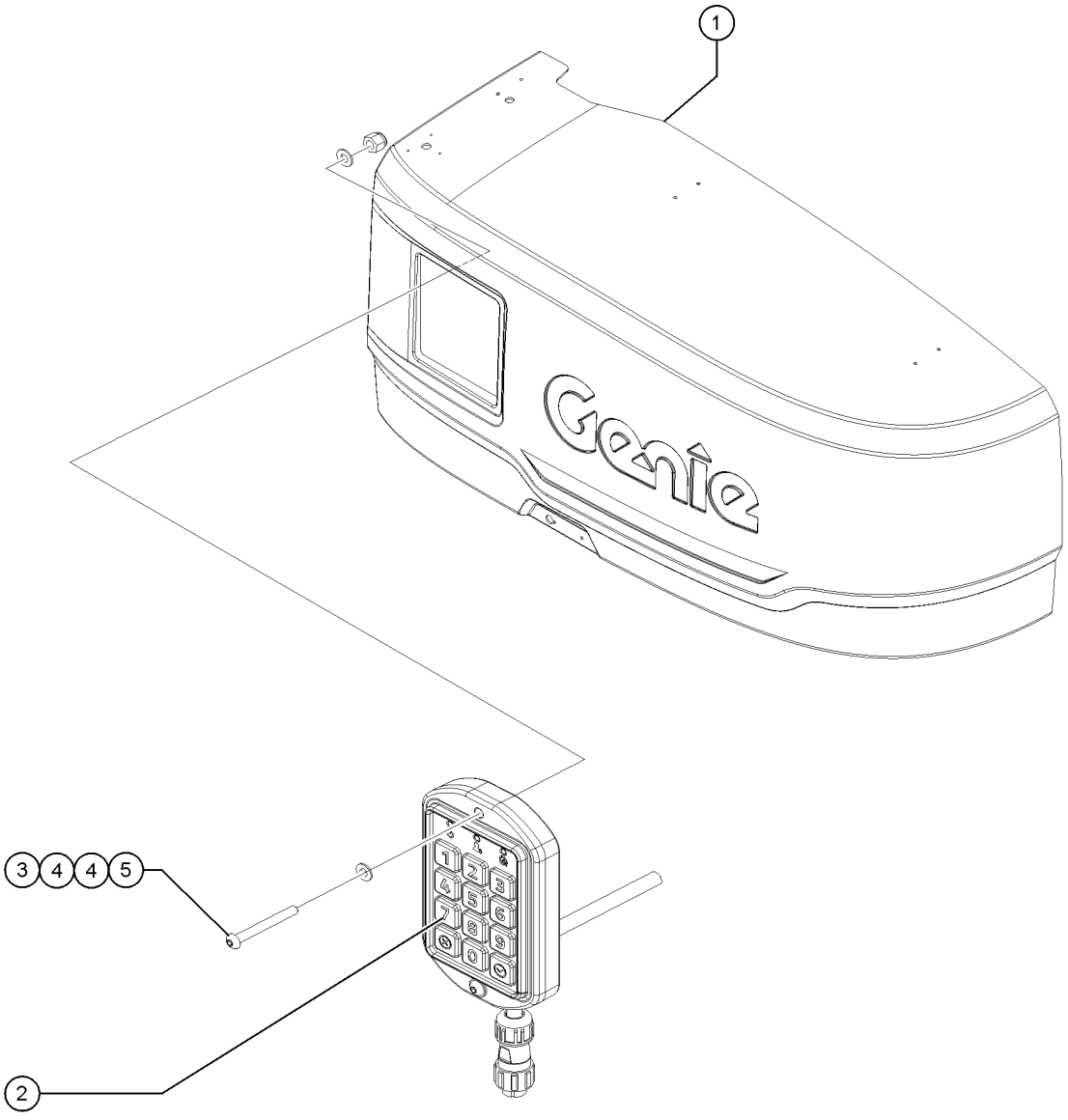
Item	Part No.	Description	Qty.
1	4828GT	NUT, NYLOCK, 3/8-16	4
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
3	22699GT	WASHER, FLAT, M10, ZINC PLTD.	8
4	27584GT	SCREW,HHC,M12 X 35MM	2
5	1278557GT	ASSEMBLY, EARTH-LEAD, 50SQMM, 23M	1
6	49410GT	WASHER, FLAT, M12	2
7	1283016GT	NUT, TL FLG, M12-1.75, ZAB	2
8	1278556GT	FORMING, EARTH LEAD	2




2
3
1

Item	*Part No.*	*Description*	*Qty.*
1	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL	20 inches
2	1287634GT	ASSEMBLY, RCBO, 16A, 30MA, 50HZ, IP65	1
3	1261689GT	SLEEVE, CABLE-END, 12AWG, 4MM	6

818.1 Access Manager Option



Item	*Part No.*	*Description*	*Qty.*
A	1296897GT	HARNESS, ACCESS MANAGEMENT, 164"	1
B	1273629GT	WIRE CLAMP, ADHESIVE, ADJUSTABLE, 7/16"	6
1		Ref. Cover, Tank Side (refer to 309.1)	
2	1296895GT	KEYPAD, ACCESS MANAGEMENT, LIFT CONNECT	1
3	1300832GT	SCREW, BHC, M4-0.7X35, 10.9,ZAB	2
4	825357GT	WASHER,FLAT,M4,DIN125,ZAB	4
5	1283019GT	NUT,NYLOCK,M4-0.7,DIN985,8,ZAB	2

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California Proposition 65

WARNING

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

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

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

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

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