



A TEREX BRAND

Parts Manual

Serial Number Range

Z-45/25
Z-45/25J DC

from SN Z452513D-101
to SN Z452516D-939
from SN Z452516D-940
to SN Z4525D-1357

Part No. 1283270GT
Rev: A.07
June 2024

Technical Publications

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

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Contact Us:

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

Find a Manual for this Model

Go to <http://www.genielift.com>

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

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1283270GT Rev A.07 June 2024
Fourth Edition, First Printing

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 Printed on recycled paper

To August 31, 2016

Genie®
A TEREX BRAND

Model:

Serial number: Z452516D-12345

Manufacture date: 1/2/16 **Model year:** 2016

Electrical schematic number:

Machine unladen weight:

Rated work load (including occupants):

Maximum number of platform occupants:

Maximum allowable side force:

Maximum allowable inclination of the chassis:

Z4525

16

D -

12345

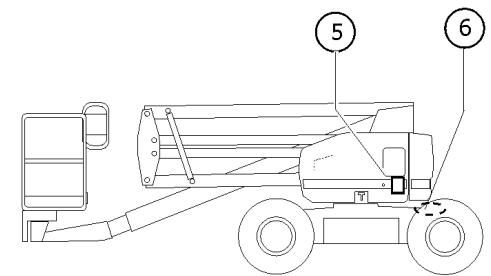
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②

③

④

⑤ ⑥



1 Model

2 Model year

3 Facility code

4 Sequence number

5 Serial label (located under cover)

6 Serial number (stamped on chassis)

From September 1, 2016

Genie®
A TEREX BRAND

Model:

Serial number: Z4525D-12345

Year of manufacture: 2016

Electrical schematic number:

Machine unladen weight:

Rated work load (including occupants):

Maximum number of platform occupants:

Maximum allowable side force:

Maximum allowable inclination of the chassis:

Z4525

D -

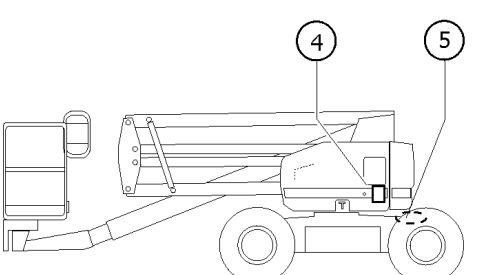
12345

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③

④ ⑤



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

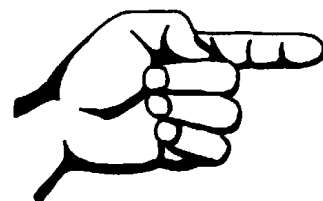
<http://genielift.com.au>

South America

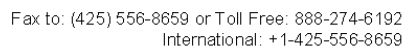
Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

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



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

Optional Equipment _____

[illegible]

☐ Ship complete order only - No back orders

☐ Ship all available parts and contact customer on disposition of back-ordered parts

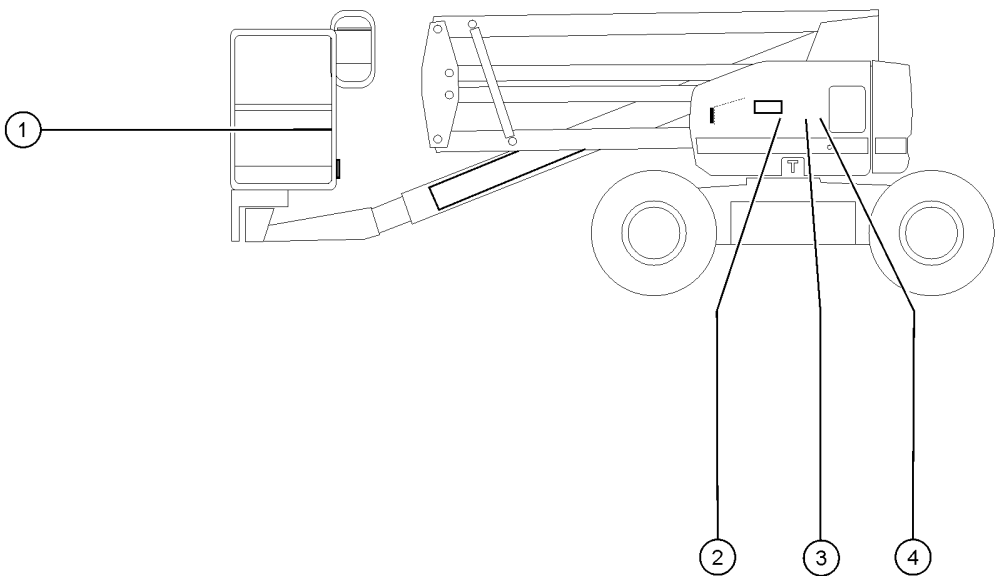
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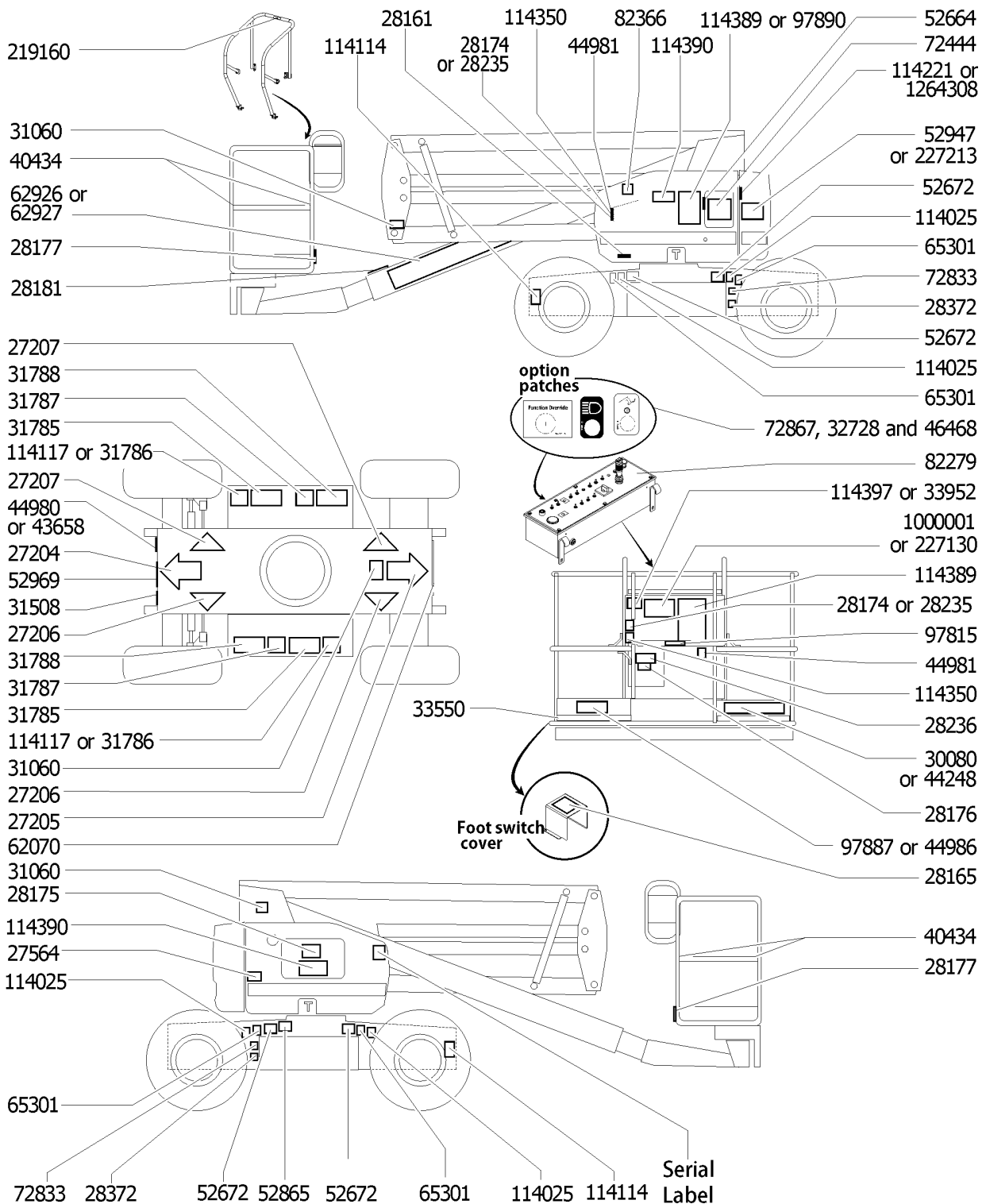
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001.1 Parts Stocking List



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	
A-	33994GT	PLUG AND CAP KIT-SERVICE,37?*** Plug and cap kit, SAE	
A-	36555GT	CHOCK,CYLINDER (SERVICE TOOL)	
1		— MANUALS —	
1-	27581GT	MANUAL, SAFTY MANNAL	
1-	1298933GT	MANUAL, SAIA MANUAL OF RESPONSIBILITIES, MEWP	

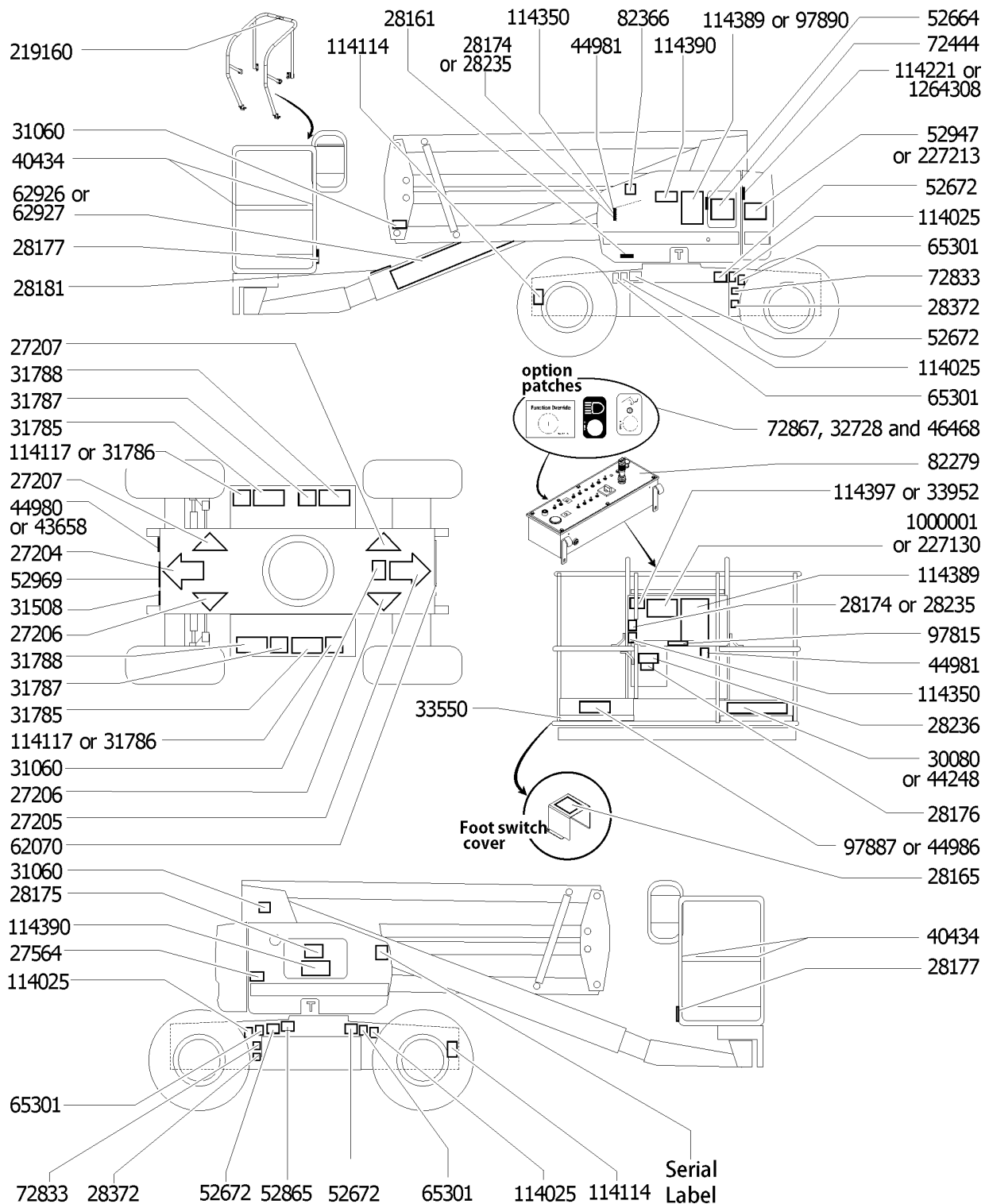
101.1 Word Decals - DC Power



101.1 Word Decals - DC Power

Item	Part No.	Description	Qty.
	822005GT	DECAL KIT,Z45 PLAT,WORD,ANSI Platform Decal Kit, ANSI	
	822006GT	DECAL KIT,Z45 COMP,WORD,ANSI Complete Decal Kit, ANSI	
	822038GT	DECAL KIT,Z45 PLAT,WORD,AUS Platform Decal Kit, AUS	
	822039GT	DECAL KIT,Z45 COMP,WORD,AUS Complete Decal Kit, AUS	
	822013GT	DECAL KIT,Z45 PLAT,WORD,AUS Platform Decal Kit, AUS	
	822014GT	DECAL KIT,Z45 COMP,WORD,AUS Complete Decal Kit, AUS	
1	114020GT	DECAL KIT, Z45 DC & BI, WORDS includes items 2-5, 8, 11, 14-17, 19, 20, 22, 23, 25, 27, 28, 30, 31, 45, 47 and 50	
2	27204GT	DECAL,ARROW BLUE	1
3	27205GT	DECAL,ARROW YELLOW LRG 9"	1
4	27206GT	DECAL,TRIANGLE,BLUE	2
5	27207GT	DECAL,TRIANGLE,YELLOW	2
6	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
7	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
8	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
9	28174GT	DECAL,POWER TO PLATFORM 230V	2
10	28175GT	DECAL,WARNING-COMPART ACCESS	1
11	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
12	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
13	28181GT	DECAL,WARN,FALL HAZARD	1
14	28235GT	DECAL,POWER TO PLATFORM 115V	2
15	28236GT	DECAL,WARN,IMPROPER OPERATION	1
16	28372GT	DECAL,NOTICE,BATTERY CABLES	2
17	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
18	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3
19	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
20	31785GT	DECAL,NOTICE,CHARGER INSTRUC	2
21	31786GT	DECAL,NOTICE,BATT CONNECTION	2
22	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2

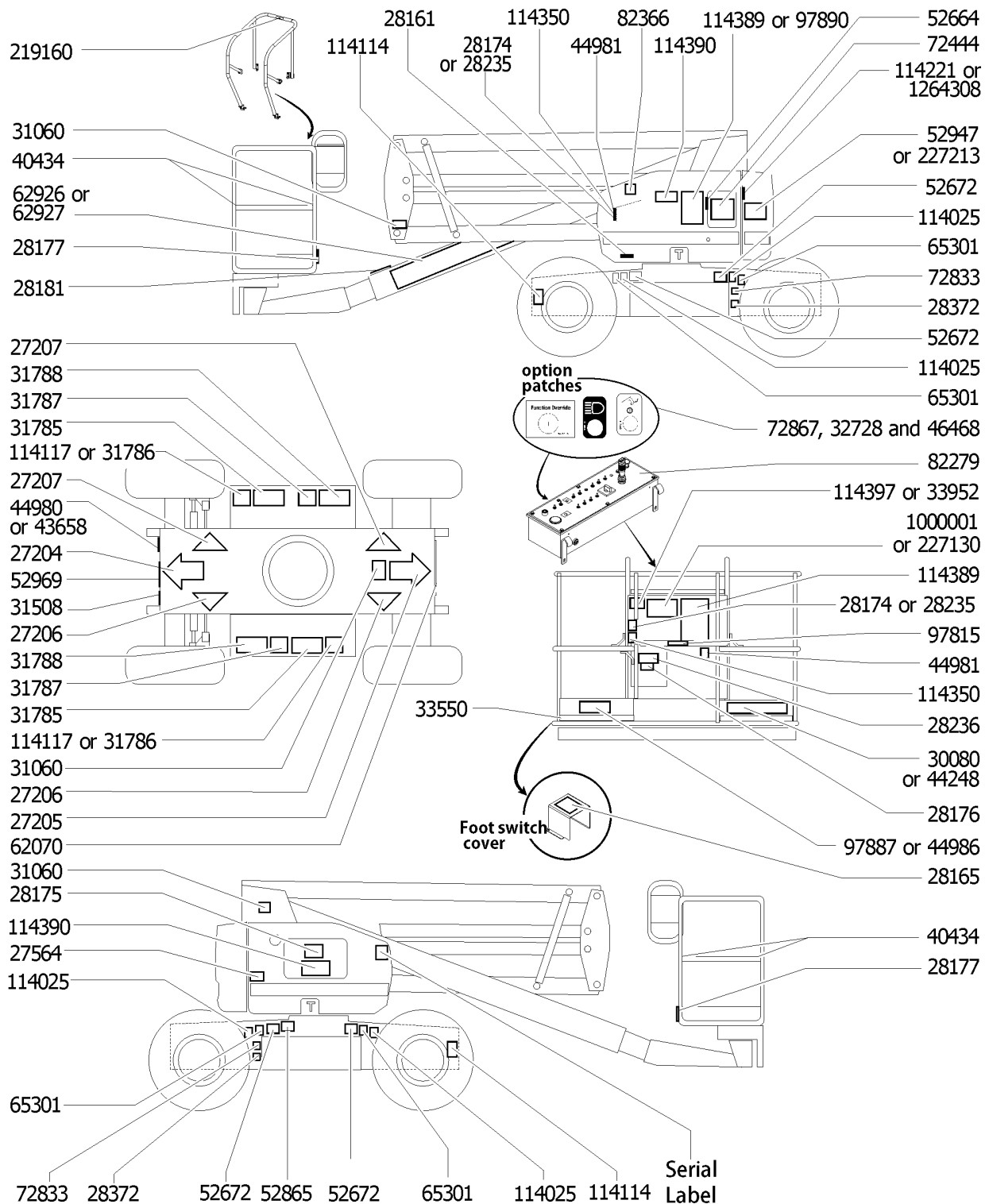
101.1 Word Decals - DC Power



101.1 Word Decals - DC Power

Item	Part No.	Description	Qty.
23	31788GT	DECAL,DANGER,BATTERY SAFETY***	2
24	32728GT	DECAL,OPTION GENERATOR***	1
25	33550GT	TAPE,WARNING,BLK/YEL, 50'*** (sold by the roll. 648" per roll) (Required to be install at base of platform toeboard for Australian market)	1 roll
26	33952GT	DECAL,DANGER,TILT ALARM	1
27	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
28	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
29	44248GT	DECAL,NOTICE,MAX CAP 440 LBS (for aircraft protection package)	
30	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
31	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
32	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS Australia models	1
33	46468GT	DECAL,FUNCTION OVERRIDE (for aircraft protection package)	1
34	52664GT	DECAL,LABEL,CONTRLR STATUS LT	1
35	52672GT	DECAL,DANGER,TIPOVER HAZARD***	4
36	52865GT	DECAL,ANNUAL INSP***	1
37	52947GT	DECAL,OPERATING INSTR,GROUND ANSI models	1
38	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
39	62070GT	DECAL,COSMETIC,DC POWER	1
40	62926GT	DECAL,COSMETIC,GENIE Z-45/25J Jib models	1
41	62927GT	DECAL,COSMETIC,GENIE Z-45/25 Non-Jib models	1
42	65301GT	DECAL,NOTICE,FOAM-FILLED TIRES	4
43	72444GT	DECAL,GROUND CONTROL PANEL	1
44	72833GT	DECAL,LABEL,OPEN,LATCH	2
45	72867GT	DECAL,LABEL,LIGHTS***	1
46	82279GT	DECAL,PLATFORM CONTROL PANEL	1
47	82366GT	DECAL,CHEVRON RANDO HD	1
48	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
49	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI ANSI models	1
50	97890GT	DECAL,DANGER,GEN SAFETY RULES	2

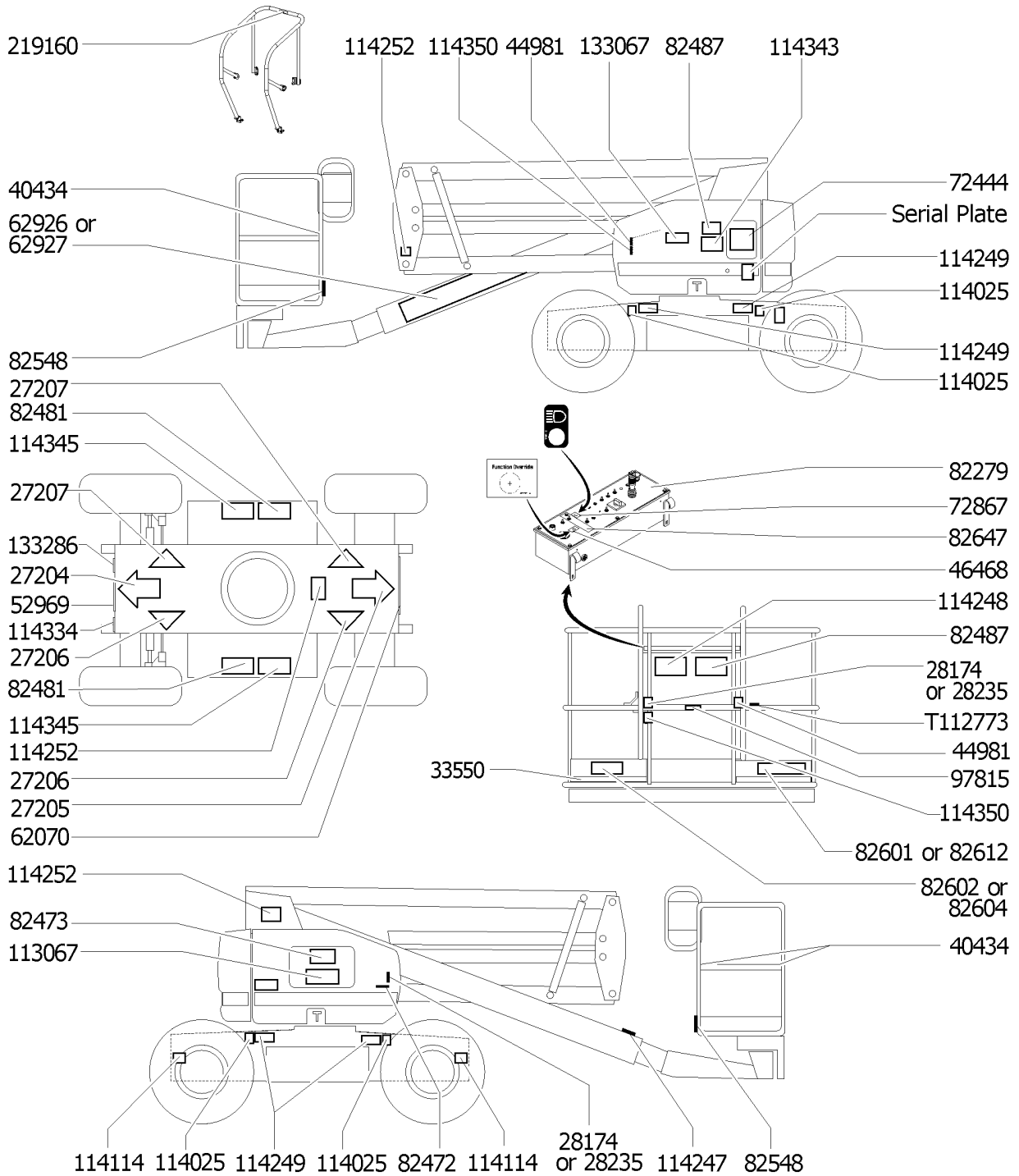
101.1 Word Decals - DC Power



101.1 Word Decals - DC Power

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
51	114025GT	DECAL,LABEL,WHEEL LOAD Z4525DC	4
52	114114GT	DECAL,LABEL,TRANSPORT	2
53	114117GT	DECAL,BATT CONN DIAGRAM	1
54	114221GT	DECAL,LABEL,RELAYS,Z45DC,BE	1
55	114350GT	DECAL,AC INVERTER POWER,115V	2
56	114389GT	DECAL,DANGER,GENERAL SAFETY	2
57	114390GT	DECAL,DANGER,ELECT HAZARD***	2
58	114397GT	DECAL,DANGER,TILT ALARM	1
59	219160GT	DECAL, INSTRUCTION, OPS	1
		option	
60	227130GT	DECAL,OPER INST,Z45DC PLAT AUS	1
		Australia models	
61	227213GT	DECAL,OPER INST,DC BOOM GND AU	1
		Australia models	
62	1000001GT	DECAL, INSTR, OP INST,DC	2
		ANSI models	
63	1264308GT	DECAL,LABEL,RELAYS,Z45DC,BE	

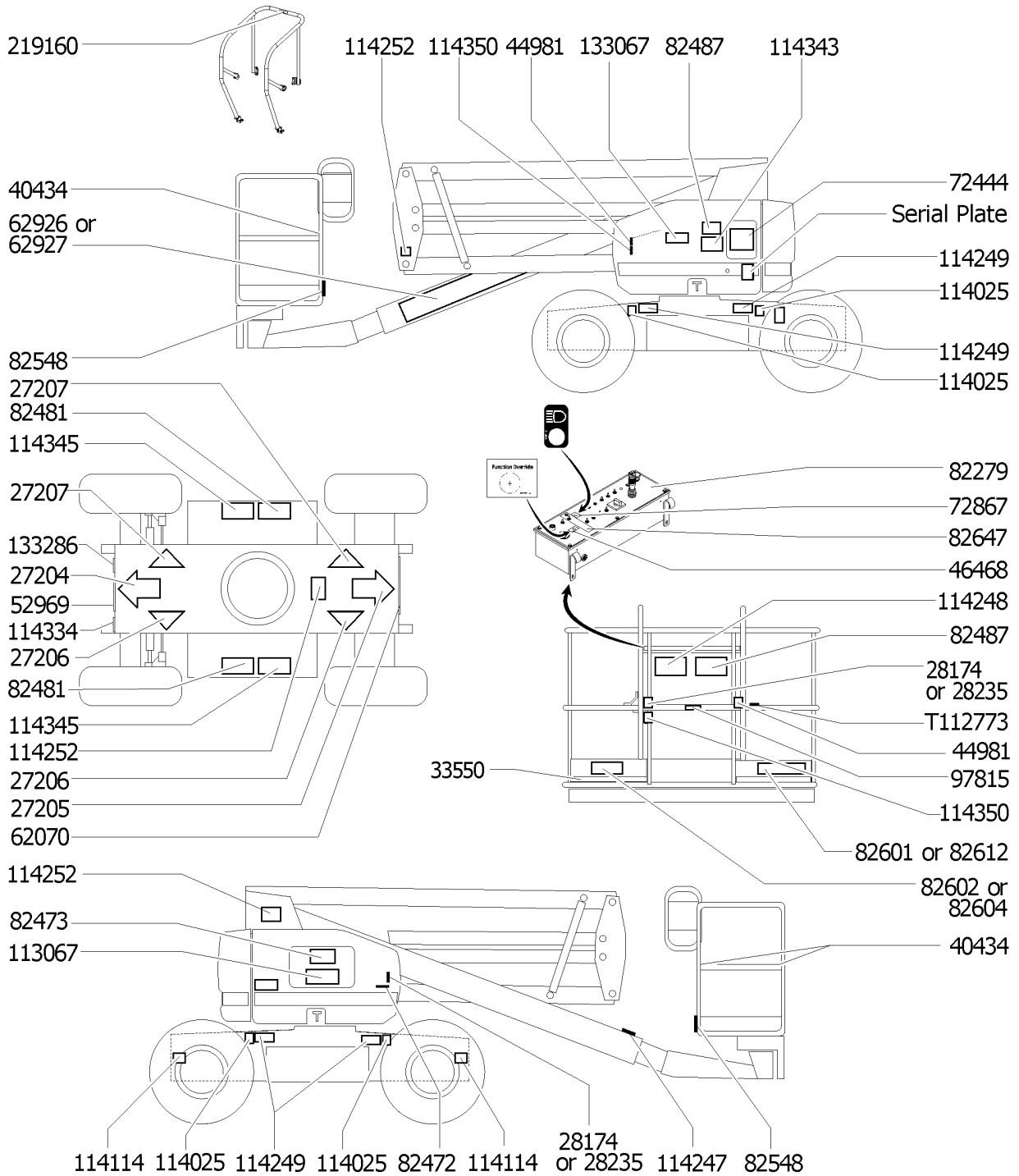
102.1 Symbol Decals - DC Power



102.1 Symbol Decals - DC Power

Item	Part No.	Description	Qty.
A	823153GT	DECAL KIT,Z45 PLAT,SYM,ANSI Platform Decal Kit, ANSI	
B	823154GT	DECAL KIT,Z45DC COMP,SYM,ANSI Complete Decal Kit, ANSI	
C	823161GT	DECAL KIT,Z45 PLAT,SYM,CE Platform Decal Kit, CE	
D	823162GT	DECAL KIT,Z45DC COMP,SYM,CE Complete Decal Kit, CE	
1	82774GT	DECAL KIT,Z45 DC & BI,SYMB includes items 2-5, 8, 20, 22, 23, 25, 26, 33-41, and 43	
2	27204GT	DECAL,ARROW BLUE	1
3	27205GT	DECAL,ARROW YELLOW LRG 9"	1
4	27206GT	DECAL,TRIANGLE,BLUE	2
5	27207GT	DECAL,TRIANGLE,YELLOW	2
6	28174GT	DECAL,POWER TO PLATFORM 230V	2
7	28235GT	DECAL,POWER TO PLATFORM 115V	2
8	33550GT	TAPE,WARNING,BLK/YEL, 50'*** (sold by the roll. 648" per roll) (Required to be install at base of platform toeboard for CE market)	1 roll
9	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
10	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
11	46468GT	DECAL,FUNCTION OVERRIDE	1
12	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
13	62070GT	DECAL,COSMETIC,DC POWER	1
14	62926GT	DECAL,COSMETIC,GENIE Z-45/25J jib	
15	62927GT	DECAL,COSMETIC,GENIE Z-45/25 non-jib	1
16	72444GT	DECAL,GROUND CONTROL PANEL	1
17	72867GT	DECAL,LABEL,LIGHTS***	1
18	82279GT	DECAL,PLATFORM CONTROL PANEL	1
19	82472GT	DECAL,WARNING,CRUSHING HAZARD	1
20	82473GT	DECAL,SYMBOL-COMP ACCESS	1
21	82481GT	DECAL,SYMBOL-BATTERY SAFETY	2
22	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
23	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
24	82601GT	DECAL,LABEL,MAX CAPACITY***	1

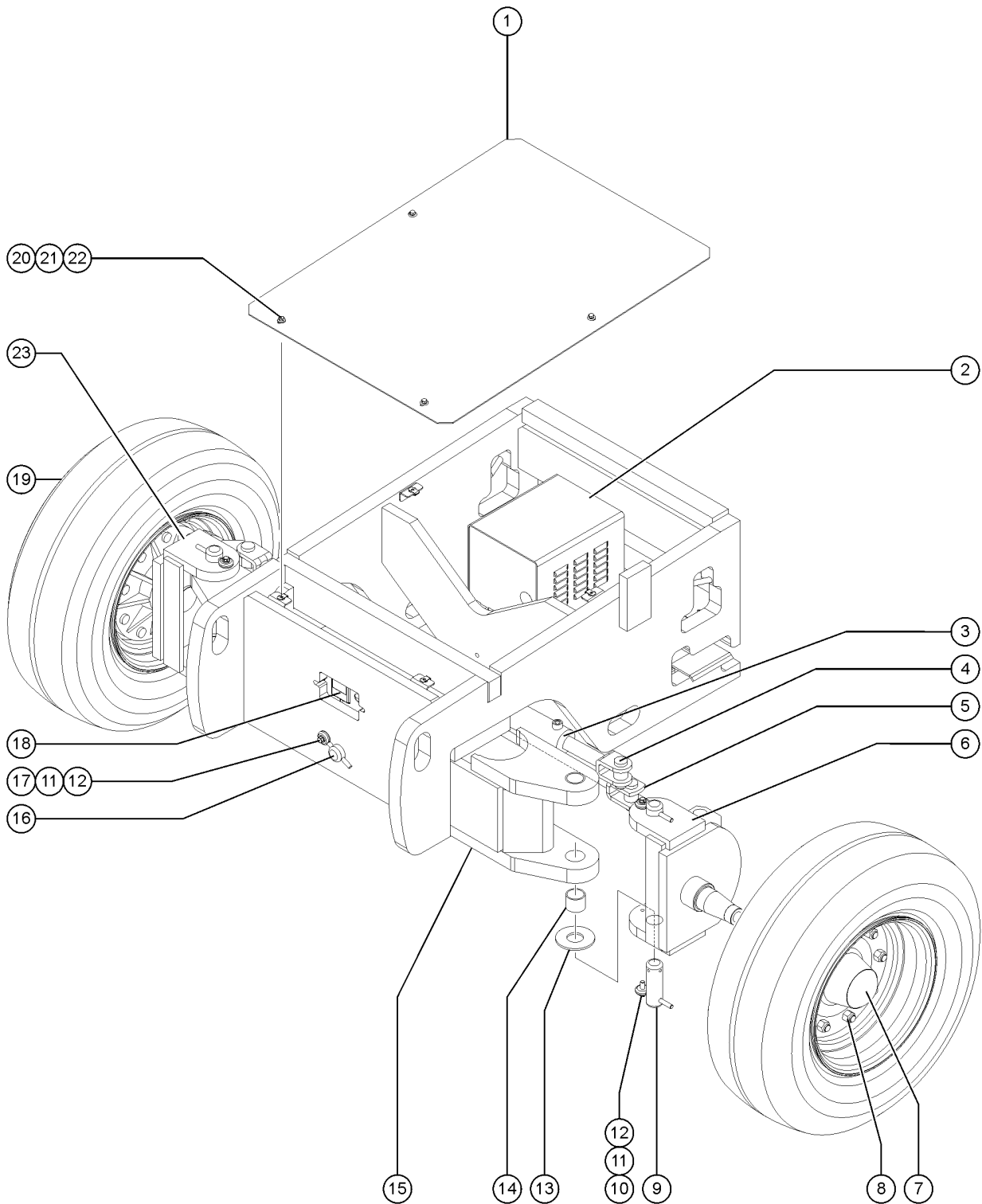
102.1 Symbol Decals - DC Power



102.1 Symbol Decals - DC Power

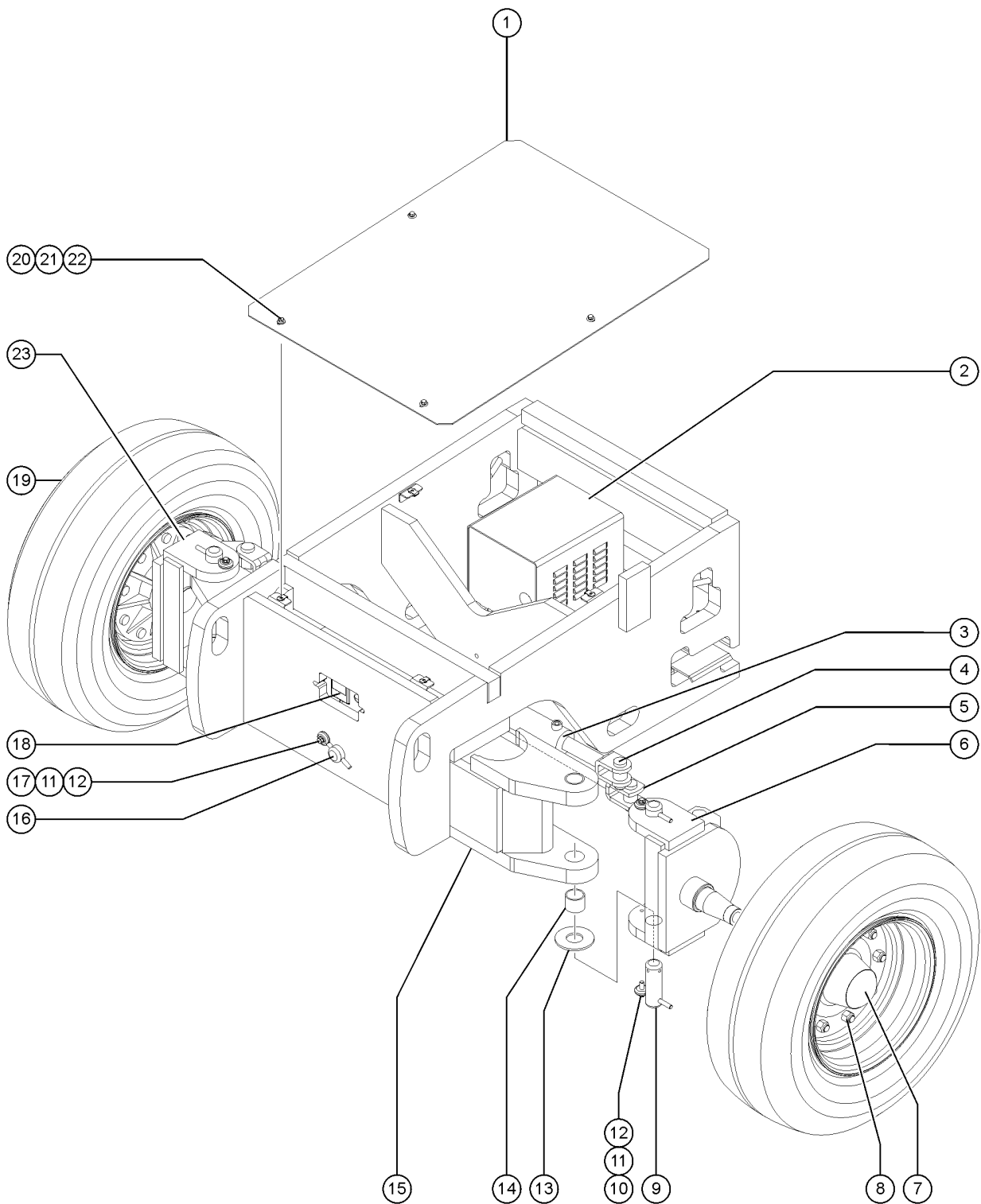
Item	Part No.	Description	Qty.
25	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
26	82604GT	DECAL,DANGER,SIDE FRC 400N	1
27	82612GT	DECAL,DANGER,MAX CAP,200KG	1
28	82647GT	DECAL,DRIVE ENABLE PATCH	1
29	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
		CE models	
30	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
31	114025GT	DECAL,LABEL,WHEEL LOAD Z4525DC	4
32	114114GT	DECAL,LABEL,TRANSPORT	2
33	114247GT	DECAL,LABEL,FALL HAZARD***	1
34	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY	1
35	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	4
36	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	3
37	114334GT	DECAL SYMBOL ELECTRIC HAZARD PLUG	1
38	114343GT	DECAL,LABEL,EMERGENCY DOWN	1
39	114345GT	DECAL,LABEL,TIPOVER,BATTERIES	2
40	114350GT	DECAL,AC INVERTER POWER,115V	2
41	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	
42	133286GT	DECAL, POWER TO CHARGER, UNIV	1
43	219160GT	DECAL, INSTRUCTION, OPS	1
		option	
44	T112773GT	TAPE, PROTECTIVE MASK	2

201.1 Steer End



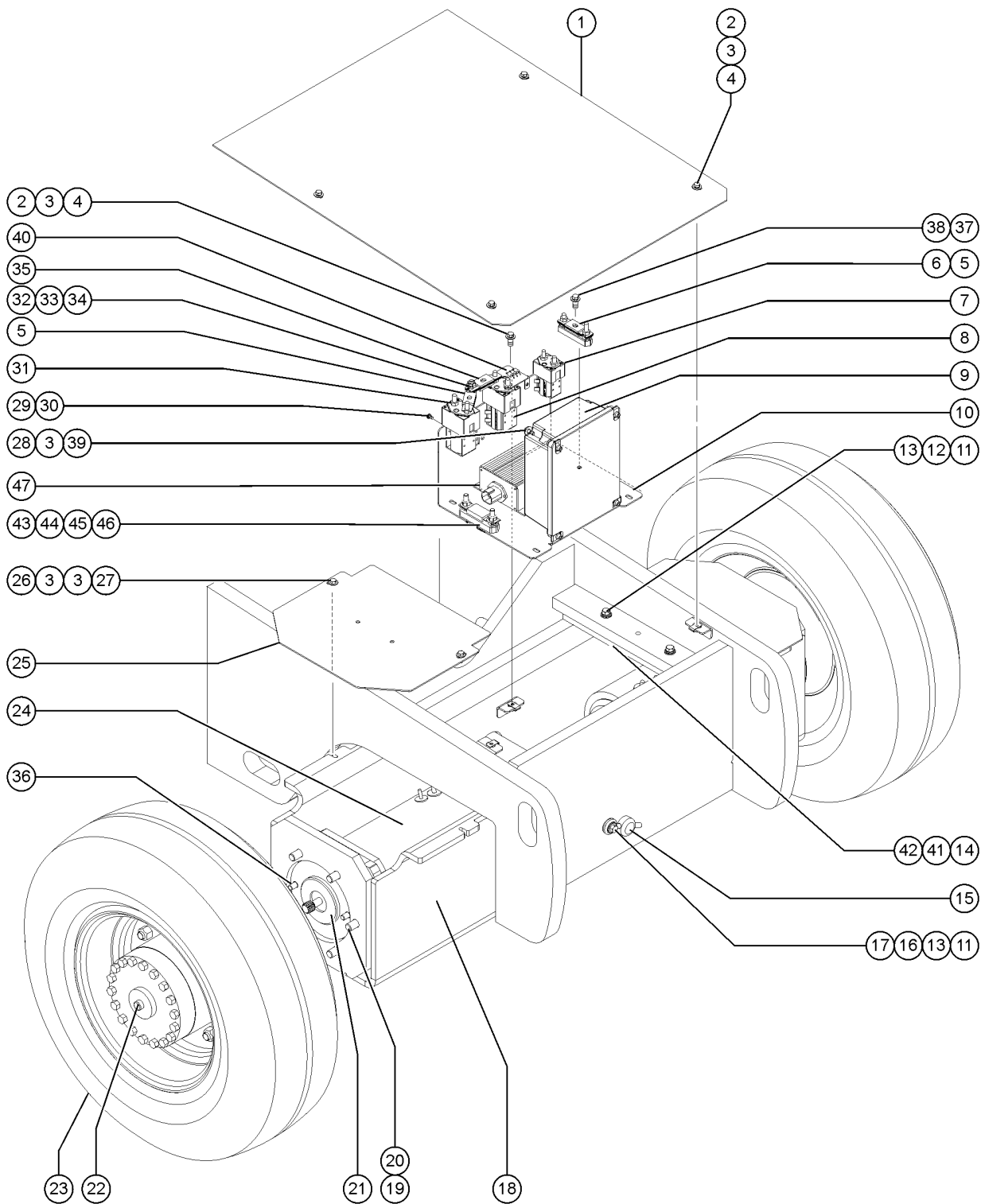
Item	Part No.	Description	Qty.
	1267782GT	TIRE/WH ASSY,9LG,NM,FOAM,NS RE (non-steer end)	
-	54436GT	GROUND STRAP,18"LG (models with non-marking tires and/or models with EE rating)	1
1	77434GT	COVER W/DECALS,STEER,NON OSC 1	1
2		Ref., COVER, DRIVE, DRIVE LIGHT OPT. models with drive lights (refer to 909.1)	
3	88337GT	Ref. Battery Charger refer to 204.1	2
3-	88338GT	CYLINDER,STEER 3-	
4	19440GT	SEAL KIT, 88337 4	4
4-	5361GT	PIN,CLEVIS,1 X 2.5 LG 4-	
5	229798GT	PIN,COTTER,.125 X 1.5 5	1
6	52733-SGT	TIE ROD WELDMENT, NARROW 6	1
6-	25817GT	YOKE ASSY.LH'2WD'Z45IC 6-	2
7	54840GT	BEARING,1.00IDX1.25ODX1.00L 7	2
7-	54959GT	HUB ASSEMBLY,9 BOLT*** 7-	
7-	54960GT	CAP,DUST (54840 HUB ASSY) 7-	
7-	54961GT	SEAL-GREASE,9-BOLT HUB 54840 7-	
7-	54962GT	BEARING,INNER,9 BOLT HUB*** 7-	
7-	45112GT	BEARING,OUTER,9 BOLT HUB*** 7-	
7-	45113GT	WASHER,SPINDLE 7-	
7-	45114GT	NUT,SPINDLE,1-14 7-	
8	21166GT	PIN,COTTER,.219 X 1.75 8	
8-	54627GT	LUG BOLT,5/8-18,WHEEL HUB*** 8-	
9	88752GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45 9	4
9-	825796GT	PIN,1.50DIA X 4.25LG,GR/H 9-	
10	6019GT	SNAP RING,EXTERNAL,1.50,ZAG 10	
11	6021GT	SCREW,HHC,3/8-16 X 1.25 GRD 5 11	
12	825019GT	WASHER, LOCK, .375 12	
13	45074GT	ROD END, .375X3.69, ZAG 13	2
		WASHER,THRUST,1.5 X 3.5 X .187 13	

201.1 Steer End



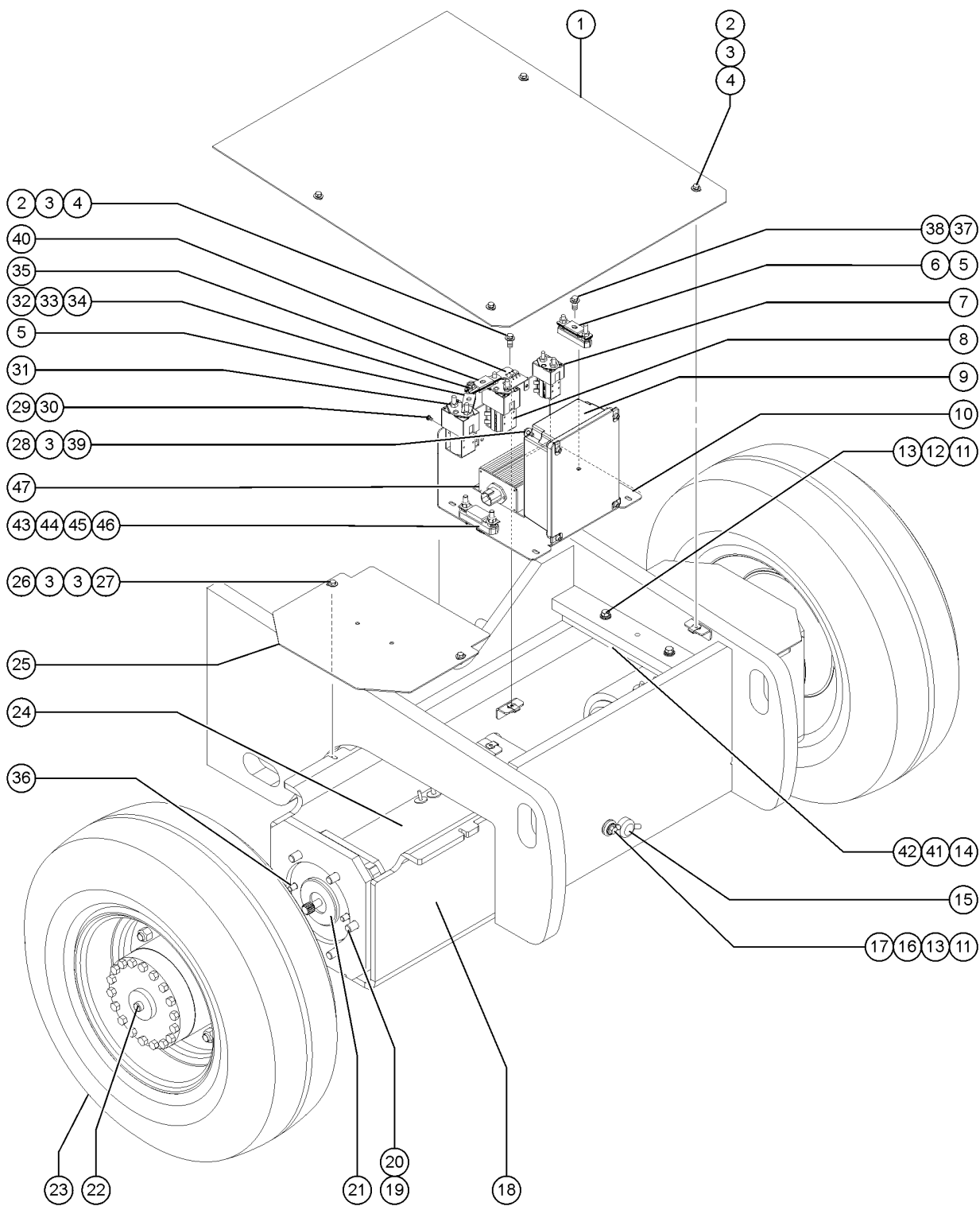
Item	Part No.	Description	Qty.
14	45071GT	BEARING,1.5IDX1.75ODX1.5L	
15	52735GT	FRONT AXLE ASSY,NRRW,Z45/25	1
		includes item 14	
15-	119981GT	AXLE ASSY,FRONT,NARROW Z45/Z51	
		includes item 14	
15-	34245GT	BEARING,1.25IDX1.50X1.25L	
16	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	2
16-	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
17	6175GT	SCREW,HHC,3/8-16 X 1	
18	46337GT	AMMETER, 39243/47906/66412	1
19	1267779GT	TIRE/WH ASSY,9 LG,FOAM,S FRONT	2
		(steer end)	
19B	1267781GT	TIRE/WH ASSY,9 LG,NM,FOAM,S FR	2
		(steer end)	
19C	1267784GT	TIRE/WH ASSY,9 LG,REPNEU,S	2
		(steer end)	
19D	1267786GT	TIRE/WH ASSY,9 LG,NM,REPNEU,S	2
		(steer end)	
20	6888GT	SCREW, HHC, 1/4-20 X 1	
21	6356GT	WASHER, LOCK, .25	
22	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
23	52734-SGT	YOKE ASSY.RH'2WD'Z45IC	1
23-	25817GT	BEARING,1.00IDX1.25ODX1.00L	2

202.1 Non-steer End



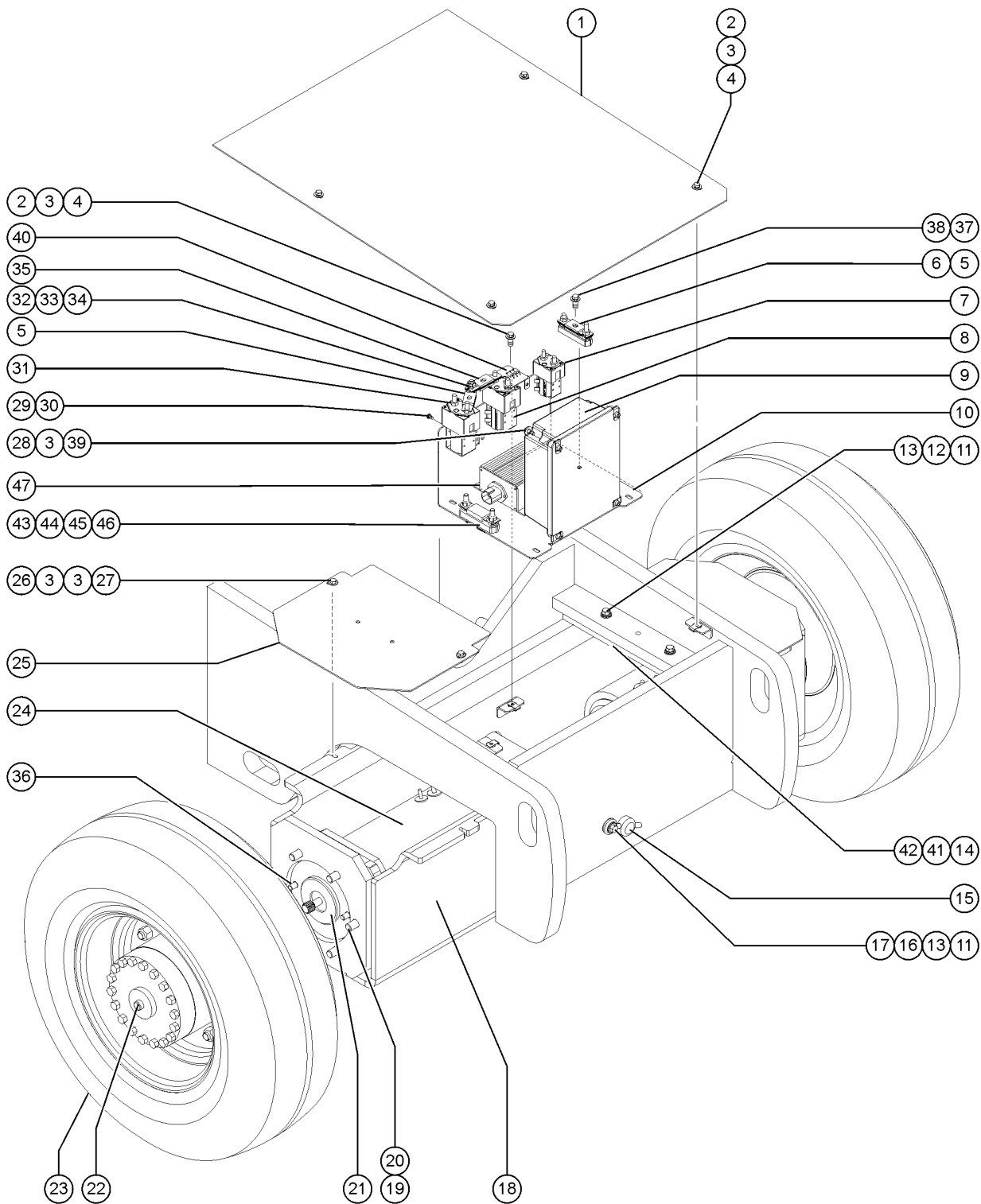
Item	Part No.	Description	Qty.
1	52707-SGT	COVR W/DECALS,NON-STEER Z45/25	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	18576GT	FUSE,200 AMP	2
6	66717GT	FUSE BLOCK, ANN & ANL FUSE	1
7	74268GT	CONTACTOR,AUX PUMP 24V,80A***	1
7-	22263GT	CONTACT,STATIONARY,19549RELAY*	
7-	22262GT	CONTACT,MOVING,19549RELAY*	
7-	74495GT	SPRING, RETURN (FOR 74268)	
8	74267GT	CONTACTOR,DRIVE,24V,180A***	1
8-	74470GT	MOVING CONTACT (FOR PN 74267)	
8-	74469GT	FIXED CONTACT (FOR 74267)	
8-	74468GT	SPRING, RETURN (FOR 74267)	
9	128337GT	CONTROLLR,SEPEX MOTOR,Z45DC/BE	1
9-	128598GT	HARNESS RETRO 24V RELAY	
9-	56562GT	TOOL,TERMINAL EXTRACTOR,MOLEX	
9-	56561GT	TOOL,TERMINAL CRIMPER,MOLEX***	
10	70657GT	PLATE, CONTACTOR MOUNT, Z45	1
11	6708GT	SCREW,HHC,3/8-16 X 2.25	
12	6021GT	WASHER, LOCK, .375	
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14	50668-SGT	BAR, AXLE ROTATION STOP	2
15	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	2
16	825019GT	ROD END, .375X3.69, ZAG	1
17	4828GT	NUT, NYLOCK, 3/8-16	
18	110737GT	AXLE ASSY,NON-STR,NARROW BASE	1
18-	45071GT	BEARING,1.5IDX1.75ODX1.5L	

202.1 Non-steer End



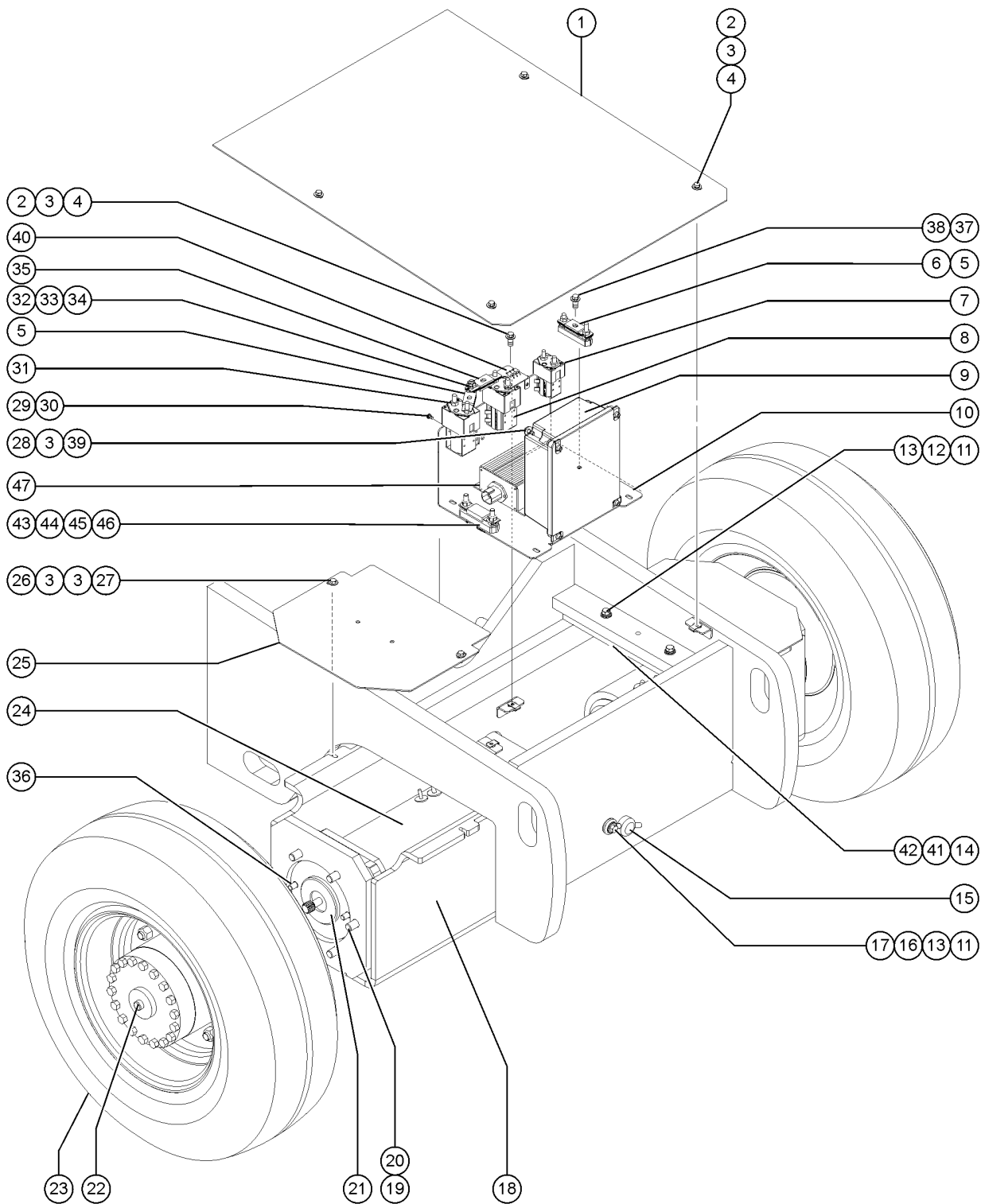
Item	Part No.	Description	Qty.
18-	119980GT	AXLE ASSY, REAR, NARROW Z45/Z51	
19	19418GT	SCREW, SHC, 5/8-11 X 1.75	
20	13064GT	WASHER, FLAT, .625 HARDENED	
21	139351GT	BRAKE, NEMA, 1200 IN/LB	2
21A-	139355GT	GASKET KIT, AUSCO 1200 IN/LB for 139351	
21A-	65608GT	BEARING KIT, AUSCO*** for 139351	
21A-	139353GT	STACK KIT, AUSCO 1200 IN/LB for 139351	
21A-	139354GT	O-RING KIT, AUSCO 1200 IN/LB for 139351	
21B-	233807GT	BRAKE REPLACEMENT KIT for 101966 brake	1
21B-	65618GT	SEAL KIT, BRAKE*** for 101966 brake	
21B-	94879GT	LINING KIT*** for 101966 brake	
21B-	94880GT	BEARING KIT for 101966 brake	
22	106148GT	WHEEL DRIVE, 4HB, 48:1*** (verify component before ordering) (Do Not use with 218570) (Seal Kit 1286600, Bearing Kit 1286601)	2
22A-	1286600GT	SEAL KIT, WHEEL DRIVE (106148/106445/107712) for 106148 (inventory limited to stock on hand as component is no longer available)	
22A-	1286600GT	SEAL KIT, WHEEL DRIVE (106148/106445/107712)	
22A-	58320GT	KIT, TORQUE HUB COVER(101584)** for 106148	
22A-	106120GT	WHEEL STUD, 4HP, 5/8-18*** for 106148	
22A-	106121GT	ROD, DISCONNECT 4HP/4HB*** for 106148	
22A-	215777GT	INPUT CARRIER, SUB-ASSEMBLY for 106148	
22A-	106117GT	O-RING, 2-010, VITON for 106148 (Mating O-ring for Brake Port)(Extremely small)	
22A-	106122GT	CAP, DISENGAGE, 4HP/4HB*** for 106148	
22A-	106124GT	LINING KIT, BRAKE, 4HP*** for 106148	
22A-	106123GT	O-RING, END COVER, 4HP/4HB*** for 106148	
22A-	1286602GT	SEAL KIT, WHEEL DRIVE W/BRAKE (101584/101585)	
22A-	146051GT	BEARING NUT*** for 106148	
22A-	106125GT	SEAL KIT, BRAKE, 4HP for 106148 (inventory limited to stock on hand as component is no longer available), replace by 1286602GT	
22A-	1286603GT	BEARING KIT, WHEEL DRIVE W/BRAKE (101584/101585)	

202.1 Non-steer End



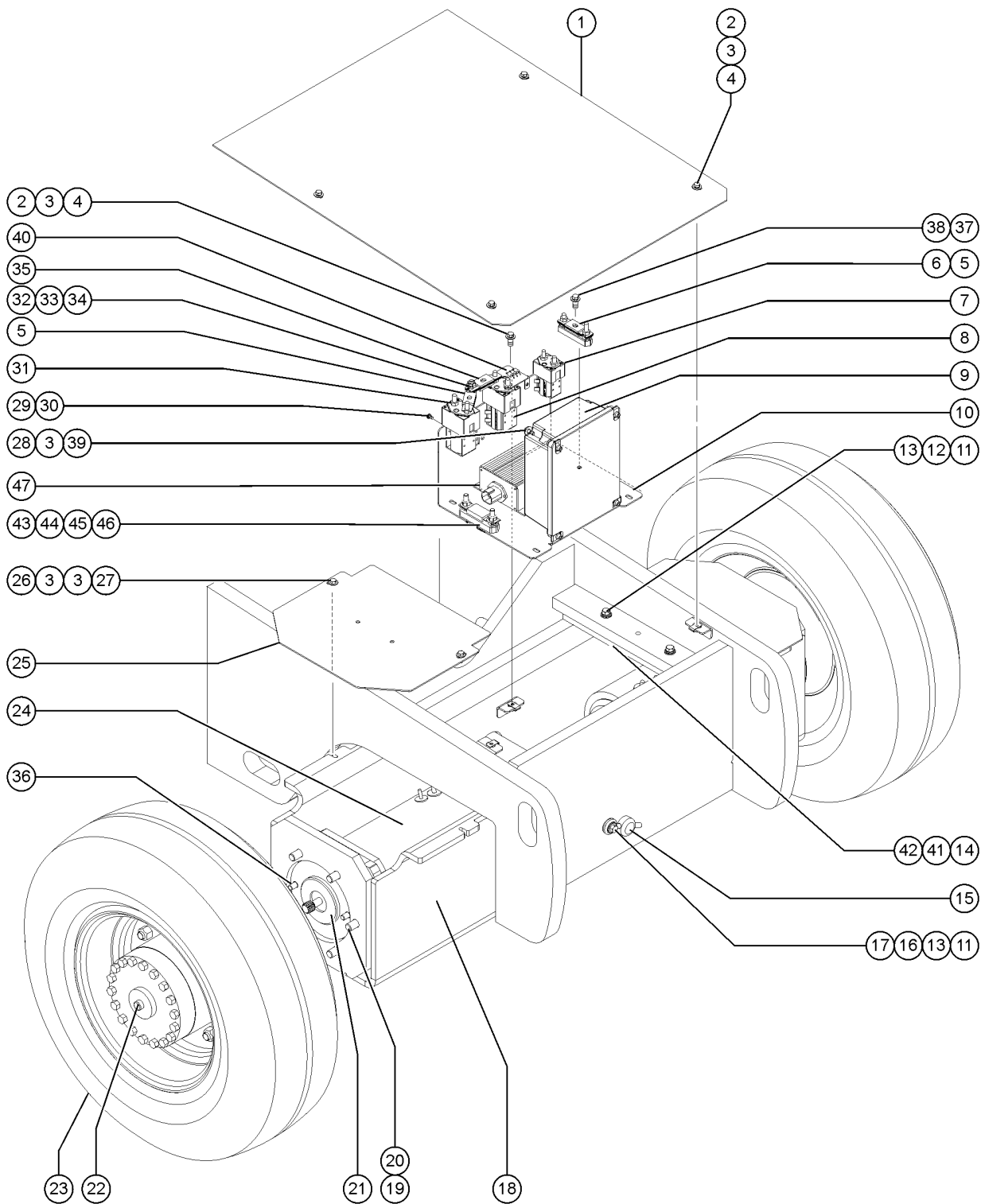
Item	Part No.	Description	Qty.
22A-	232486GT	SNAP RING,WHEEL DRIVE for 106148	
22A-	146052GT	SET SCREW*** for 146051	
22A-	9990074GT	COUPLING for 106148 (brake coupler)	
22B	218570GT	WHEEL DRIVE, NON-BRAKE, 47.6:1 (verify component before ordering) (Do Not use with 106148)	2
22B-	229833GT	BEARING KIT, OMNI for 218570	
22B-	139965GT	WHEEL STUD,5/8-18,OMNI*** for 218570	
22B-	139966GT	ROD,DISCONNECT,OMNI*** for 218570	
22B-	139967GT	CAP,DISENGAGE,OMNI*** for 218570	
22B-	139968GT	O-RING,END COVER,OMNI*** for 218570	
22B-	58531GT	ORING,568-908 N552-90 NBR,10PK for 218570	
22B-	229834GT	SEAL KIT, OMNI for 218570	
22B-	147034GT	PIPE PLUG KIT,OMNI*** for 218570	
23	1267780GT	TIRE/WH ASSY,9 LG,FOAM,NS REAR (non-steer end)	2
23B	1267782GT	TIRE/WH ASSY,9LG,NM,FOAM,NS RE (non-steer end)	
23C	1267785GT	TIRE/WH ASSY,9 LG,REPNEU,NS (non-steer end)	
23D	1267787GT	TIRE/WH ASSY,9 LG,NM,REPNEU,NS (non-steer end)	
24	T108673GT	KIT, 24V SEP-EX DRIVE MOTORS Replacement kit for GE motor 94197; check stamp on part prior to ordering (kit contains qty 2 x 56282 motor)	
24A-	56282GT	MOTOR,SEP-EX,24V*** AMD motor; check stamp on part prior to ordering	
24A-	147187GT	BRUSH KIT, DRIVE MOTOR for AMD motor 56282	
24A-	62105GT	BRUSH HOLDER(56282) for AMD motor 56282	
24A-	37189GT	SPRING, BRUSH RETAINER, 36182* for AMD motor 56282	
24A-	44778GT	BEARING,MOTOR,36843,BRUSH END* for AMD motor 56282	
24B	94316GT	BRUSH RETAINING SPRING,DR MTR for GE motor 94197; check stamp on part prior to ordering	
24B	94317GT	BEARING KIT,GE DRIVE MOTOR*** for GE motor 94197; check stamp on part prior to ordering	
24B	94315GT	BRUSH KIT,GE DRIVE MOTOR*** for GE motor 94197; check stamp on part prior to ordering	
24C	56282GT	MOTOR,SEP-EX,24V*** check stamp on part prior to ordering	
24C-	37189GT	SPRING, BRUSH RETAINER, 36182* for AMD motor 56282	
24C-	147187GT	BRUSH KIT, DRIVE MOTOR for AMD motor 56282	

202.1 Non-steer End



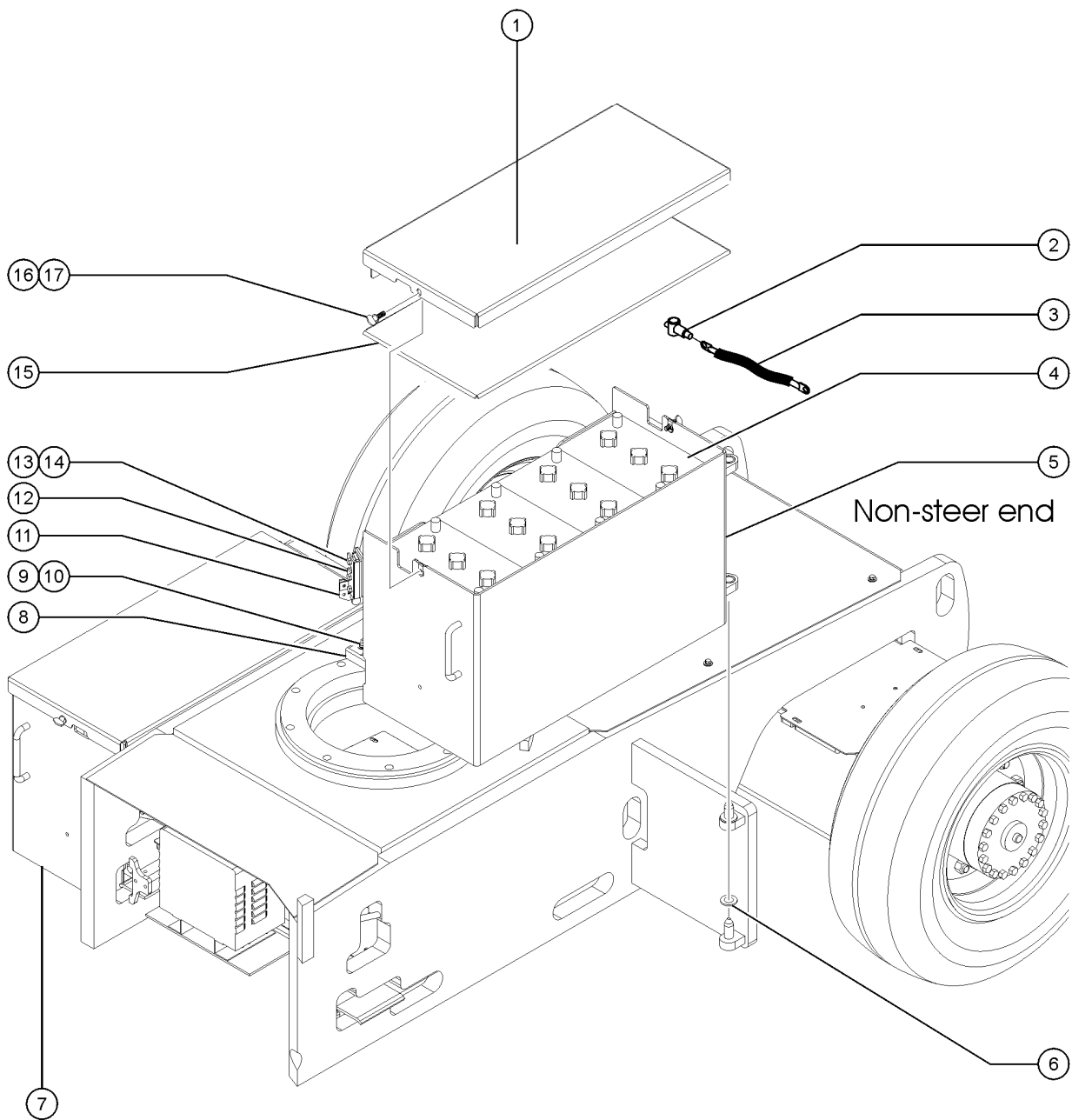
Item	Part No.	Description	Qty.
24C-	62105GT	BRUSH HOLDER(56282) for AMD motor 56282	
24C-	44778GT	BEARING,MOTOR,36843,BRUSH END* for AMD motor 56282	
25	1283806GT	AXLE COVER, NARROW	1
26	8915GT	SCREW, HHC, 1/4-20 X 1.25	
27	6091GT	NUT,NYLOCK,1/4-20	
28	8914GT	SCREW, HHC, 1/4-20 X .625	
29	49818GT	SCREW,PHILLIPS,PHM,10-32 X .38	
30	6607GT	WASHER,LOCK,#10 PLTD	
31	1270457GT	CONTACTOR, DRIVE, 24V, 180A UNBRANDED	1
31-	74471GT	SPRING,RETURN (74266)	
31-	62696GT	CONTACT-MOVEABLE (56434)**	
31-	62695GT	CONTACT,STATIONARY (56434)**	
32	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
33	6886GT	WASHER,LOCK,.313	
34	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
35	43179GT	FUSE,500 AMP,VERY FAST ACTING	1
36	50576GT	SCREW,SHC,1/2-13 X 3.00	
37	77677GT	SCREW,PHILLIPS,PHM,10-24 X 1	
38	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	
39	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
40	56930GT	DIODE,PCB DRIVE CONTACTOR**	1
41	50669GT	SHIM,AXLE ROTATION STOP,22GA	as -n ee ded
41-	119209GT	SHIM,AXLE ROTATION STOP,22GA	as -n ee ded
42	119210GT	SHIM,AXLE ROTATION STOP,12GA	as -n ee ded
43	36372GT	FUSE,50 AMP,VERY FAST ACTING DC models with Inverter	1
44	66717GT	FUSE BLOCK, ANN & ANL FUSE DC models with Inverter	1

202.1 Non-steer End



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
45	6782GT	NUT, NYLOCK, 5/16-18 for 36372	2
46	17626GT	SCREW,FHM,10-32 X .75 for 66717	2
47	79452GT	CONVERTER, DC-DC, 48-26 VOLT** (mounting hardware not included)	1
47-	73587GT	SCREW,PHIL,10-24 X .75 (not shown, not included)	4
47-	6146GT	WASHER,FLAT,MS,#10,Y (not shown, not included)	4
47-	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG (not shown, not included)	4
47-	6607GT	WASHER,LOCK,#10 PLTD (not shown, not included)	4

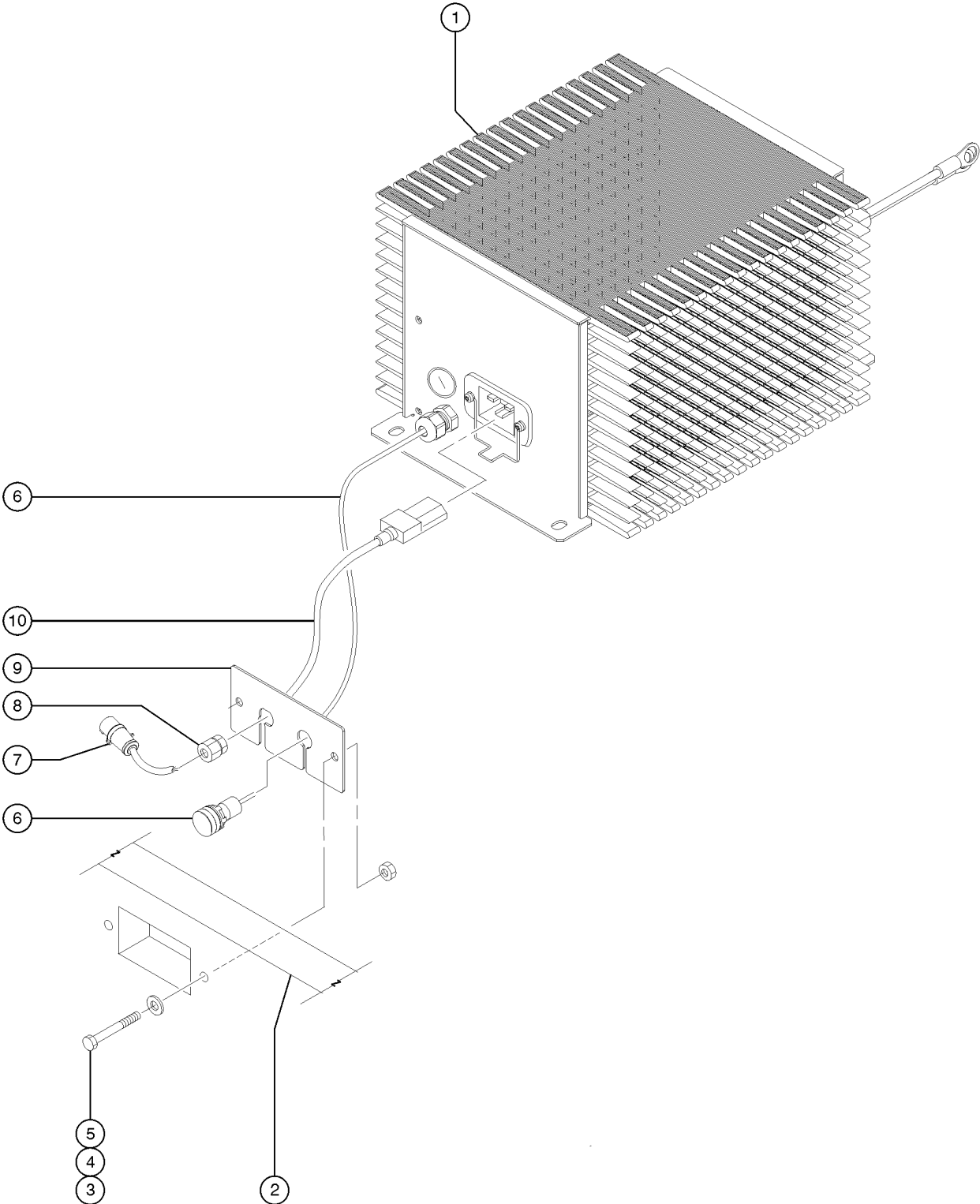
203.1 Battery Packs



203.1 Battery Packs

Item	Part No.	Description	Qty.
1	94001GT	LID-BATTERY BOX W/DECALS**	2
2	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	4
3	19520GT	BATTERY CABLE ASSY,9.5"JUMPER	6
4	36579GT	BATTERY, 350AH,GROUP L16G(DRY)	8
4B	823684GT	BATTERY,AGM,6V/390A,L16	8
		models with AGM option	
5	94003GT	BATTERY BOX ASSY,CONTRL SIDE**	1
		includes items 1, 8, 11, 12, 16 & 17, to SN Z452513A-48672	
5A-	36369GT	BEARING,0.75IDX1.00ODX0.75L	2
5B	161941GT	BATTERY BOX ASSY, LH	
		decals not included, refer to section 100, from SN Z452513A-48673	
5B-	36369GT	BEARING,0.75IDX1.00ODX0.75L	2
6	36212GT	WASHER,THRUST,.75 X 1.38X.13	
7	94002GT	BATTERY BOX ASSY,TANK SIDE***	1
		includes items 1, 8, 11, 12, 16 & 17, to SN Z452513A-48672	
7A-	36369GT	BEARING,0.75IDX1.00ODX0.75L	2
7B	161940GT	BATTERY BOX ASSY, RH	
		decals not included, refer to section 100, from SN Z452513A-48673	
7B-	36369GT	BEARING,0.75IDX1.00ODX0.75L	2
8	45209GT	WEAR PAD,4X2X.5 W/INSERT***	2
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	66900GT	LATCH,ROTARY, W/KNOB, LEFT	1
		installed on LEFT side of chassis	
11B	66901GT	LATCH,ROTARY, W/KNOB,RIGHT	1
		(shown) installed on LEFT side of chassis	
12	101425PGT	FORMING,BATTERY BOX LATCH LH	1
		(shown)	
12B	101426PGT	FORMING,BATTERY BOX LATCH RH	1
13	13000GT	SCREW,HHC,5/16-18 X 1.25	
14	6002GT	NUT, LP NYLOCK, 5/16-18	
15	106241GT	INSULATION,48V BATT.BOX LID	2
		models with AGM option from SN 46035	
16	824228GT	SCREW,THUMB,A-REG,3/8-16X1,ZAG	
17	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	

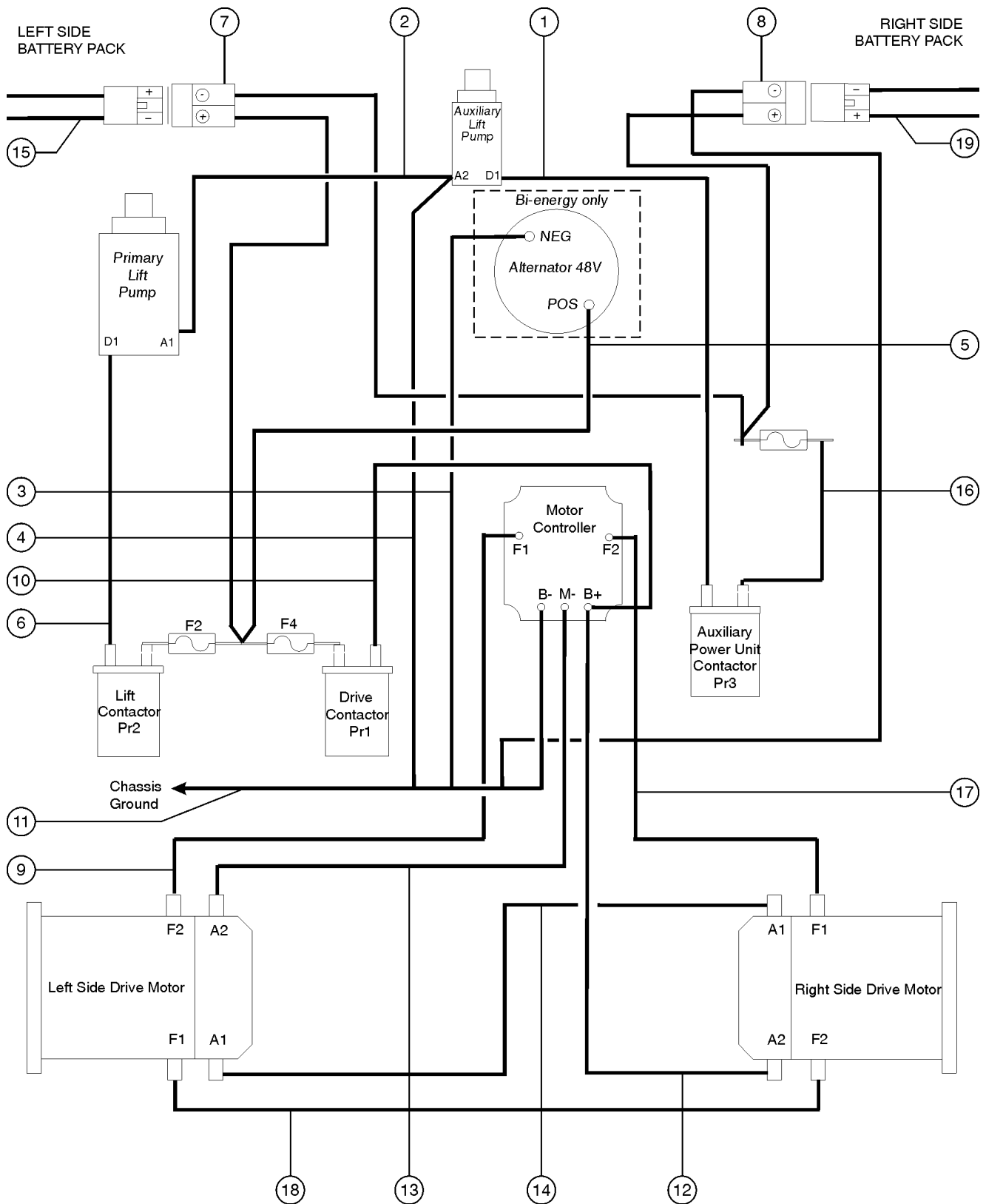
204.1 Battery Charger



204.1 Battery Charger

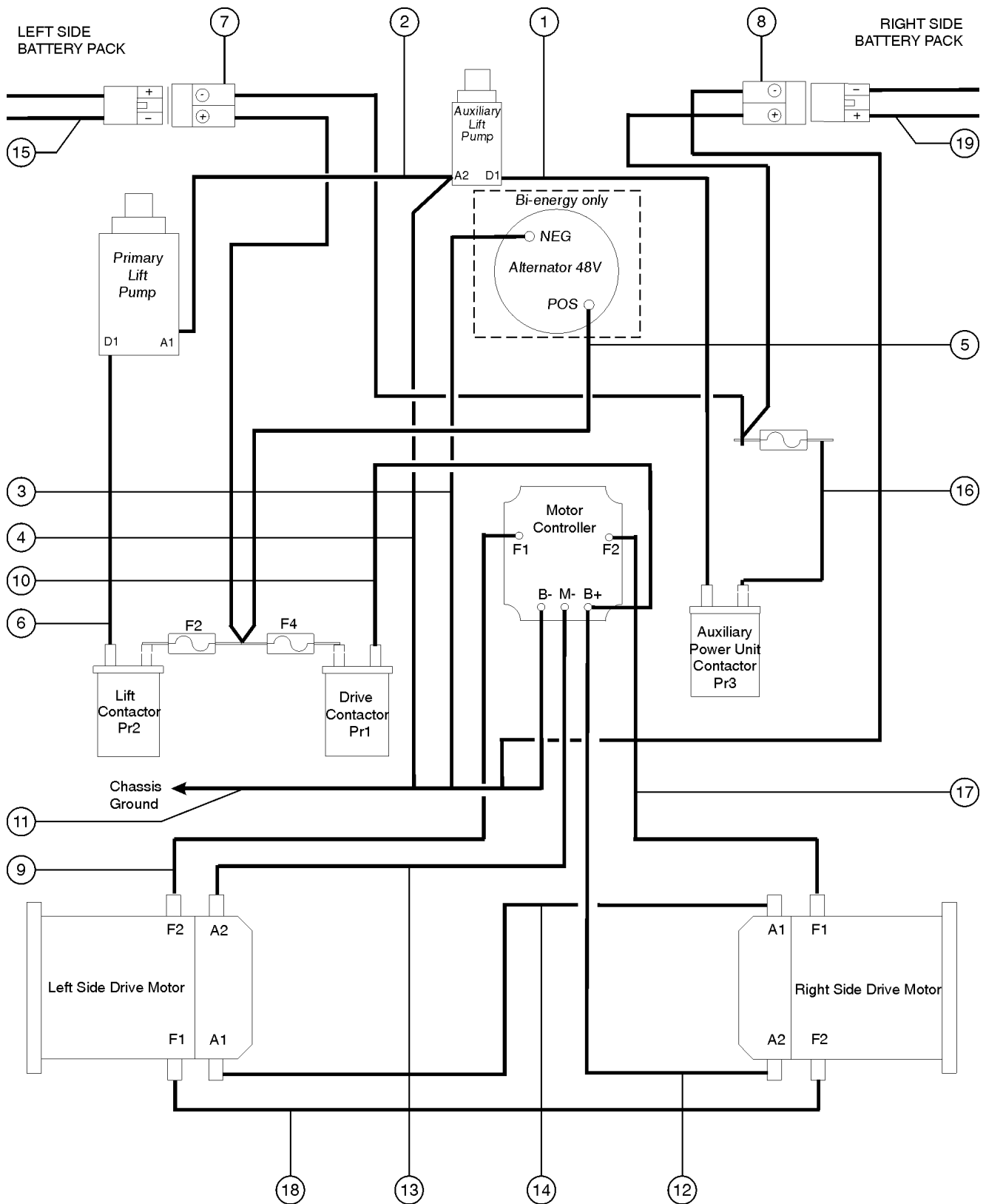
Item	Part No.	Description	Qty.
-	228946GT	ASSY,LED,IES CHARGER	
-	228947GT	CLIP,RETAINING,IES CHARGER	
1	128375GT	CHARGER 48V/30A AUTO AC X-LED (includes item 6) (order power cord separately)	1
1A-	133286GT	DECAL, POWER TO CHARGER, UNIV	1
1A-	139857GT	HARN.CHARGER INTERLOCK Z45 (not shown)(option)	1
1B	1297231GT	CHARGER 48V,35A,USB (China)	1
2		Ref. Chassis	
3	6326GT	SCREW,HHC,3/8-16 X 3	
4	6097GT	WASHER, FLAT, USS, 3/8", Y	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	228973GT	KIT,ASSY,LED,IES CHARGER	1
6B	1296450GT	DEMOTELIGHT,CHARGER 48V,35A (China, for 1297231)	1
7	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44 Euro 220V	1
7B	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK UK 110V	
7C	25388GT	PLUG,FUSED,250V,13AMP,U.K.** UK 220V	
8	128118GT	BUSHING,STRAIN RELIEF,.875/.40 (domestic)	
8B	139318GT	BUSHING,STRAIN RELIEF,.875/.30 (UK)	
9	128825GT	BRACKET, CHARGER CORD AND LED	
10	128645GT	CORD AC IEC320-C19 TO 220EU EU 220V	
10B	128377GT	CORD AC IEC320-C19 TO 110US US 110V	
10C	1297699GT	POWER CORD,IEC 320,48" (China, for 1297231)	

205.1 Power Cables



Item	Part No.	Description	Qty.
	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	
1	139058GT	CABLE ASSY #2 RED PR3/AP-DI	1
2	139049GT	CABLE ASSY #2 BLK AP-A2/LP-A1	1
3	139063GT	CABLE ASSY #2 BLK ALT(-)/GND	1
		Bi-Energy only	
4	139052GT	CABLE ASSY #2 BLK AP-A2/GND	1
5	139064GT	CABLE ASSY #2 RED ALT(+)/F2	1
		Bi-Energy only	
6	139057GT	CABLE ASSY #2 RED PR2/LP-D1	1
7	139048GT	HARN ASSY,POWER PACK AP2	1
		DC only	
7A-	128488GT	CABLE ASSY #2 RED AP1/FU1 DRIV	
7A-	128489GT	CABLE ASSY #2 BLK AP1/AP2 DRIV	
7B	139062GT	HARN ASSY,POWER DRIVE CHASS	
		Bi-Energy only	
7B-	128491GT	CABLE ASSY #2 RED AP2/FU2 DRIV	
7B-	128492GT	CABLE ASSY #2 BLK AP2/FU1 DRIV	
8	139047GT	HARN ASSY,POWER PACK AP1	1
8-	824049GT	CABLE ASSY #2 BLK AP1/AP2 DRIV	1
8-	128929-300GT	SHRINK TUBE, BLACK 3/4,3:1	1
8-	128490GT	CABLE ASSY #2 RED AP2/FU1	1
8-	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	2
8-	66397GT	QUICK DISCONNECT CASING, BATT**	1
9	139020GT	WIRE ASSY #10 RED F1/F2	1
10	139054GT	CABLE ASSY #2 RED B(+)/PR1	1
11	139050GT	CABLE ASSY #2 BLK B(-)/GND	1
12	139051GT	CABLE ASSY #2 BLK B(+)/A2	1
13	139055GT	CABLE ASSY #2 RED M(-)/A2	1
14	139056GT	CABLE ASSY #2 RED A1/A1	
15	139011-SGT	SERV KIT,HARN ASSY,PWR BATT PK	1
		DC only	
15A-	128465GT	CABLE ASSY #2 RED BATT	
15A-	128466GT	CABLE ASSY #2 BLK AP1/AP2 BATT	

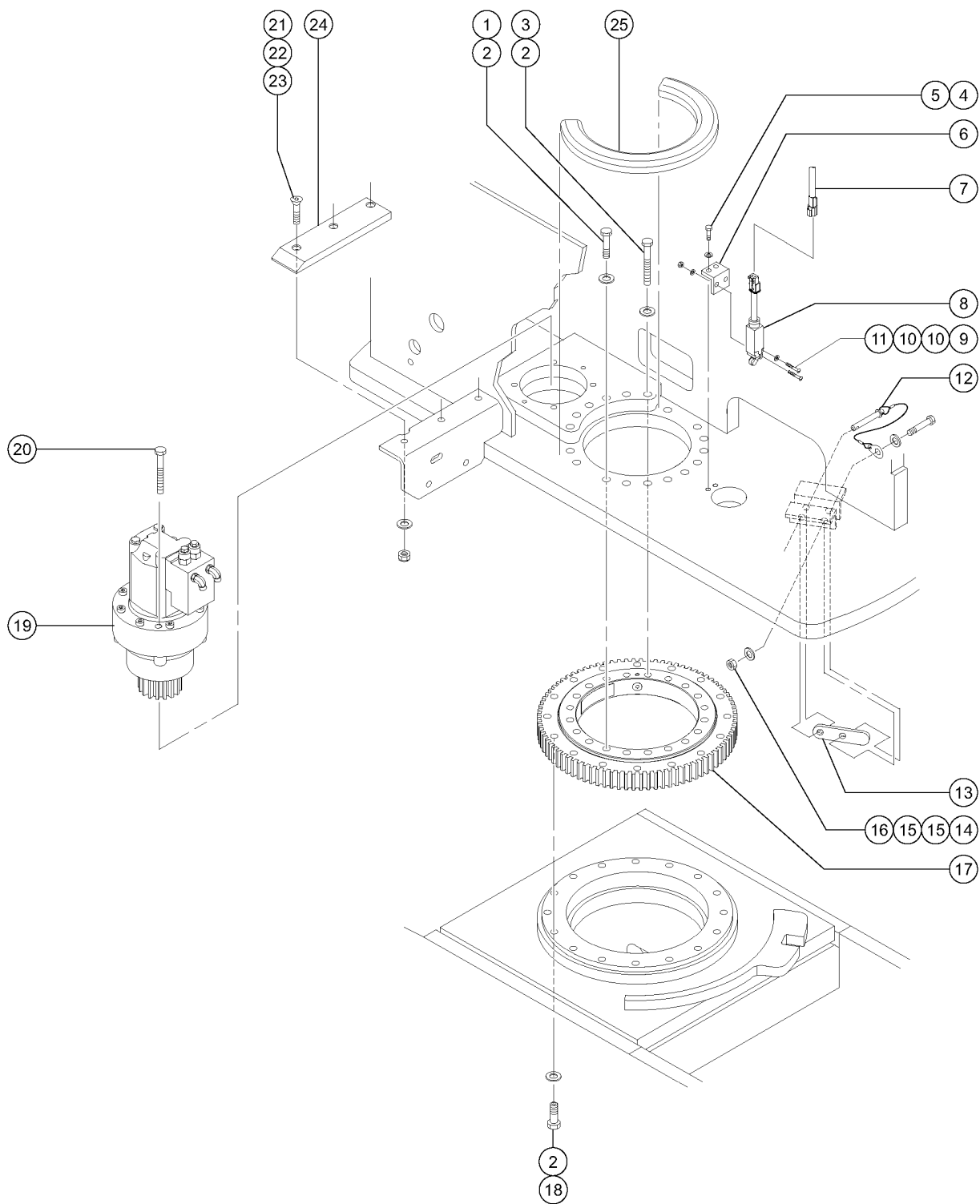
205.1 Power Cables



205.1 Power Cables

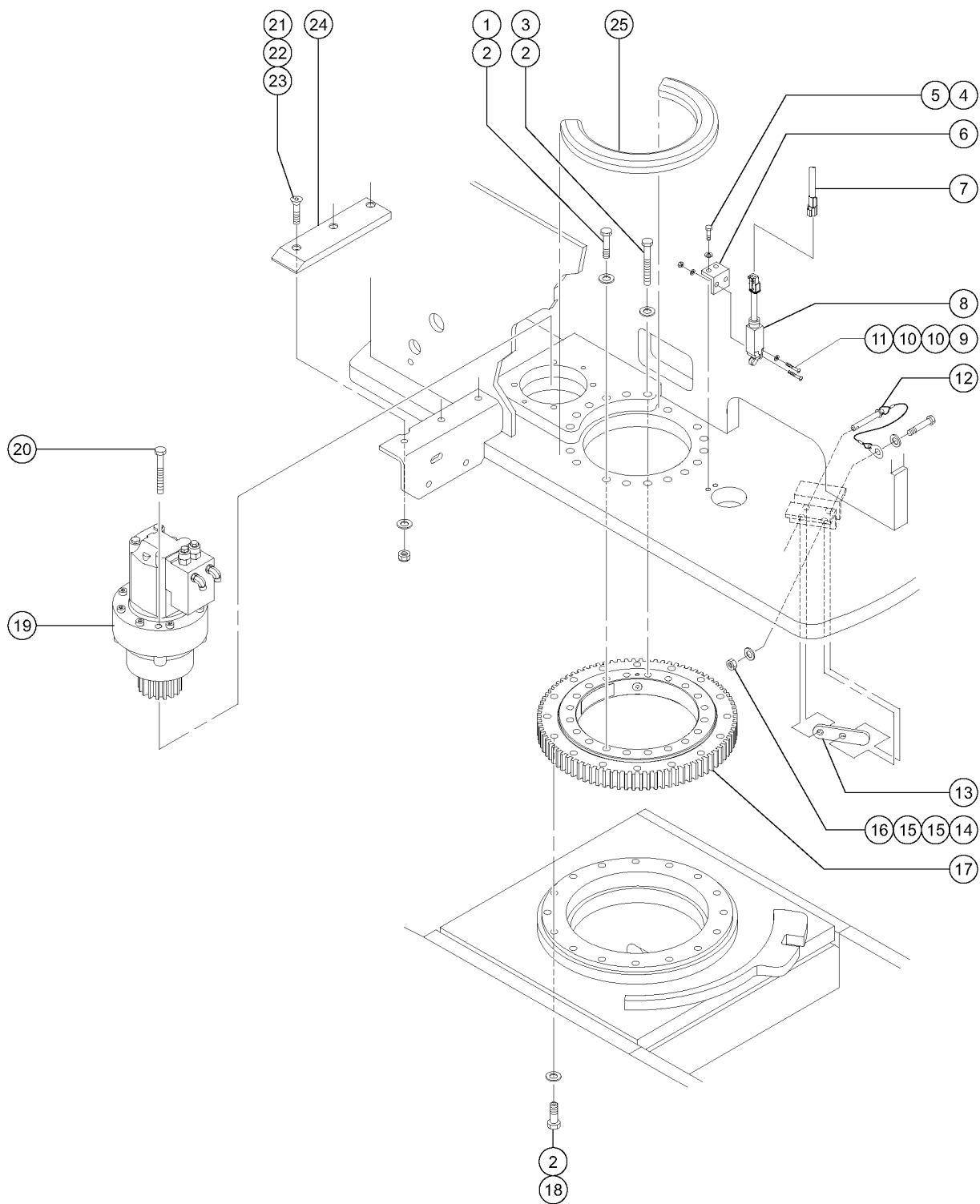
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
15B	139041GT	HARN ASSY, POWER PACK AP2 Bi-Energy only; left side	1
15B-	128486GT	CABLE ASSY #2 RED AP2 BATT	
15B-	128487GT	CABLE ASSY #2 BLK BE AP2 BATT	
16	139053GT	CABLE ASSY #2 RED PR2/F2	1
17	139059GT	WIRE ASSY #10 RED F2/F1	1
18	139060GT	WIRE ASSY #10 RED F1/F2	1
19	139011-SGT	SERV KIT,HARN ASSY,PWR BATT PK Bi-Energy only; right side	1
19-	128465GT	CABLE ASSY #2 RED BATT	
19-	128466GT	CABLE ASSY #2 BLK AP1/AP2 BATT	

301.1 Turntable Rotator



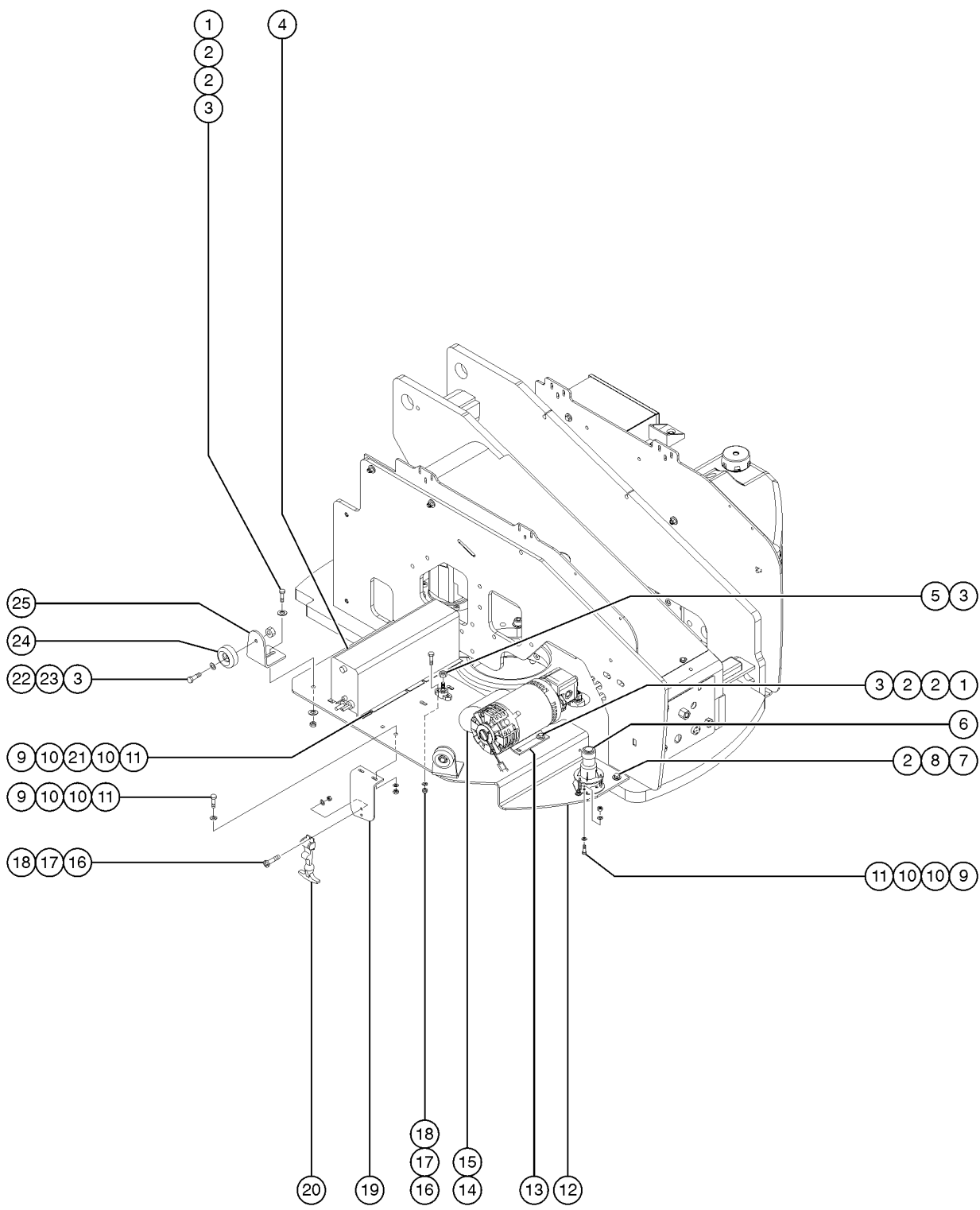
Item	Part No.	Description	Qty.
1	74712GT	SCREW,SHC,5/8-11 X 2.75,A574 to SN 38872	12
1B	139861GT	SCREW,HHC,5/8-11 X 2.75 GR8 BO from SN 38873	12
2	13064GT	WASHER,FLAT,.625 HARDENED	36
3	21175GT	SCREW,SHC,5/8-11 X 4,A574 to SN 38872	6
3B	139865GT	SCREW,HHC,5/8-11 X 4.00 GR8 BO from SN 38873	6
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	6021GT	WASHER, LOCK, .375	
6	50469GT	BRACKET,DRIVE SENSOR,ENABLE	1
7	88719GT	HARNESS,FUNCTION,Z45 DC/BI	
8	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	1
8-	110160GT	HARNESS,LS,D.E. Z45	
8-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
8-	97128GT	ROLLER ARM,LIMIT SWITCH***	
9	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
10	6146GT	WASHER,FLAT,MS,#10,Y	
11	6178GT	NUT, NYLOCK, 10-32	
12	54145-400GT	RETAINING PIN, ASSY	1
13	50776PGT	PLATE,SWING LOCK,PAINTED***	1
14	6198GT	NUT, NYLOCK, 1/2-13	
15	6095GT	WASHER,FLAT,USS,1/2",Y	
16	50576GT	SCREW,SHC,1/2-13 X 3.00	
17	101815GT	BEARING,SWING CHASSIS	1
17-	88635-4024GT	HOSE ASSY 1/4,STR FEM,PIPETHRE	1
18	25068GT	SCREW,SHC,5/8-11 X 4.5,A574 to SN 38872	16
18B	139866GT	SCREW,HHC,5/8-11X4.50GR8 PLAIN from SN 38873	16
19		Ref: Swing Drive Assy (77082) component no longer available; used to SN Z452511A-40410	
19A-	77246GT	SEAL KIT,SWING MOTOR*** for 77082; to SN Z452511A-40410	
19A-	128446GT	MANIFOLD,TURNTABLE ROTATION*** for 77082; to SN Z452511A-40410	

301.1 Turntable Rotator



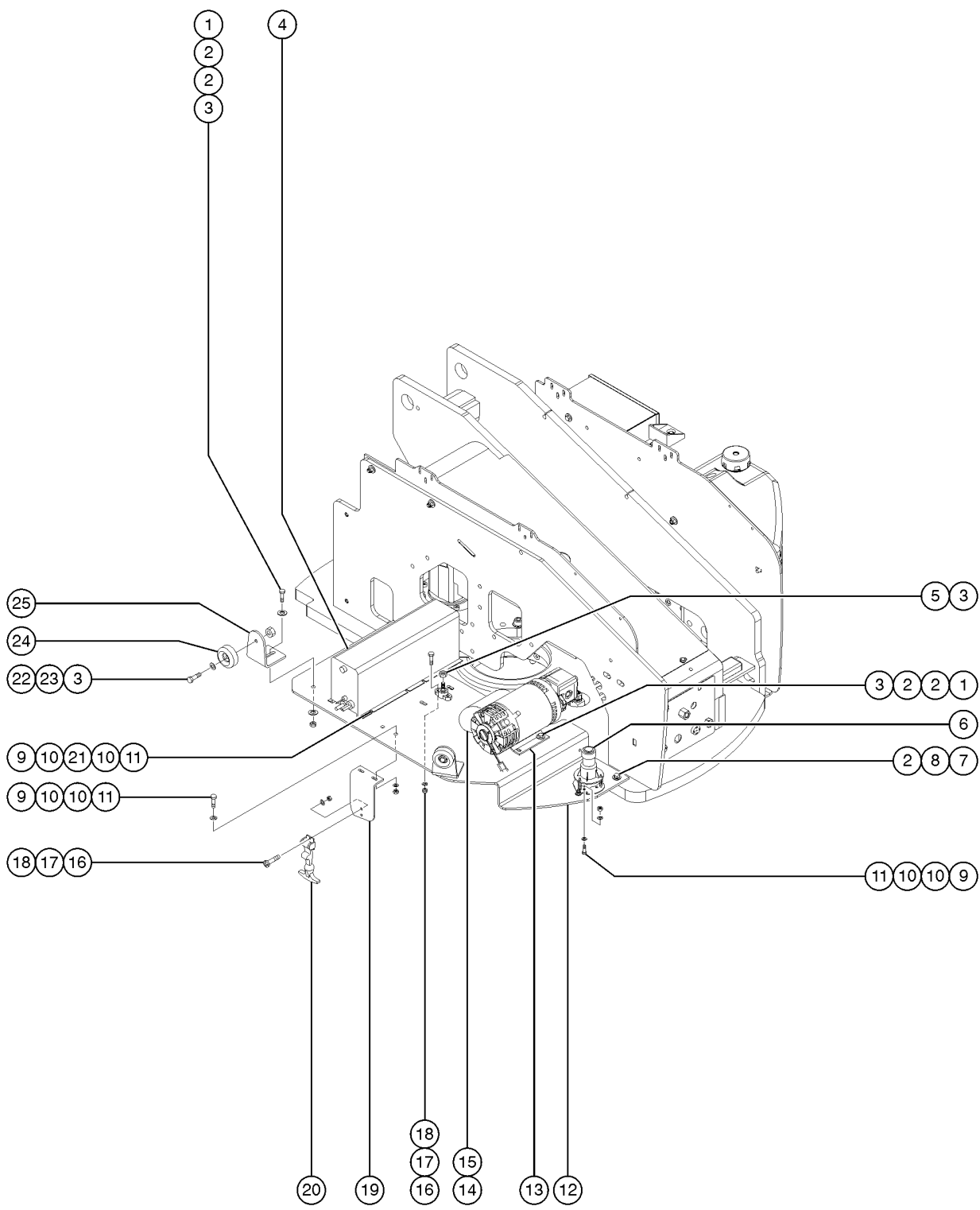
Item	Part No.	Description	Qty.
19A-	220255GT	SEAL KIT,MANIFOLD TO MOTOR for 128446; to SN Z452511A-40410	
19A-	48904GT	ELBOW, 90D, 520220-4 not included, must order separately	
19B		SWING DRIVE ASSY*** (147209) component no longer available; used from SN Z452511A-40411 to Z452514A-50078 and to Z452514B-3302; order 824050	
19B-		SEAL KIT,SWING DRIVE*** component no longer available	
19B-		BRAKE KIT, SWING DRIVE component no longer available	
19B-		MANIFOLD KIT, SW DRIVE component no longer available	
19B-	220255GT	SEAL KIT,MANIFOLD TO MOTOR for 147212; from SN Z452511A-40411 to Z452514A-50078 and to Z452514B-3302	
19B-	48904GT	ELBOW, 90D, 520220-4 not included, must order separately	
19C	824050GT	SWING DRIVE ASSEMBLY from SN Z452514A-50079 and Z452514B-3303	
19C-	824051GT	SEAL KIT, SWING DRIVE for 824050; from SN Z452514A-50079 and Z452514B-3303	
19C-	824052GT	VALVE BLOCK, SWING DRIVE for 824050; from SN Z452514A-50079 and Z452514B-3303	
19C-	48904GT	ELBOW, 90D, 520220-4 not included, must order separately	
20	56680GT	SCREW,SHC,1/2-13 X 4.50 ZINC	
21	17712GT	SCREW,FHS,3/8-16 X 1.75	
22	5397GT	WASHER, FLAT, USS, 5/16-18	
23	4828GT	NUT, NYLOCK, 3/8-16	
24	50519GT	LOAD PAD,ENGINE TRAY SUPPORT	1
25	107651GT	PROTECTOR,SLEW BOLT	1

302.1 Turntable Components - View 1



Item	Part No.	Description	Qty.
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	6
2	6097GT	WASHER, FLAT, USS, 3/8", Y	15
3	4828GT	NUT, NYLOCK, 3/8-16	6
4	150026GT	INVERTER,48VDC,120VAC/60HZ	1
5	94981GT	STUD,POWER 3/8" RED	1
5B	94982GT	STANDOFF, 3/8" BLACK	1
6	94077GT	SENSOR,LEVEL,4.5 DEG	1
		ANSI/CSA/Australia	
6	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5	
		CE	
7	8255GT	SCREW,HHC,3/8-16 X .75	3
8	6021GT	WASHER, LOCK, .375	3
8-	37184GT	MOTOR, 24V (36179)	
8-	37185GT	PUMP ASSEMBLY (36179) Part 37185GT is no longer backwards compatible with 37184GT. Order complete Aux Pump 36179GT	
8-	37186GT	VALVE,CHECK (36179)	
8-	37187GT	SEAL KIT, 37185 PUMP	
		for 37185	
8-	37191GT	GASKET, PUMP / MOTOR (36179)	
8-	37192GT	COUPLER, PUMP / MOTOR (36179)	
8-	49878GT	NYLON WASHER,(36179)	
9	6888GT	SCREW, HHC, 1/4-20 X 1	5
10	6638GT	WASHER, FLAT, USS, 1/4"Y	10
11	6091GT	NUT,NYLOCK,1/4-20	5
12	60106PGT	FORMING,SWING CHASSIS TRAY PTD	1
13		HYDRAULIC POWER UNIT	
		Refer to 701.1	
14	36179GT	POWER UNIT,AUX PUMP 24VDC	1
15	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	2
16	6178GT	NUT, NYLOCK, 10-32	3
17	6146GT	WASHER,FLAT,MS,#10,Y	3
18	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	3
19	128319GT	FORMING,DRAW LATCH MOUNT	1

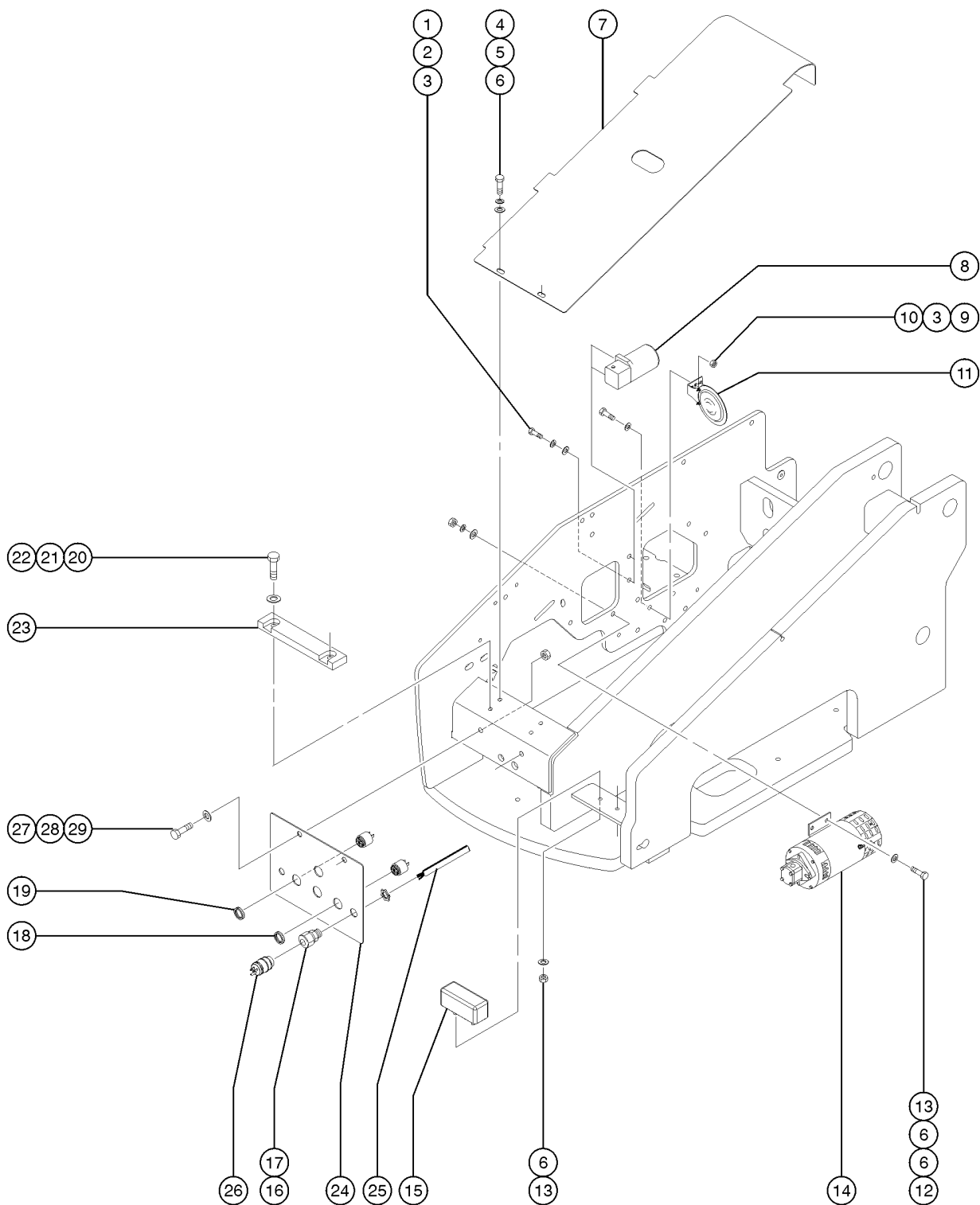
302.1 Turntable Components - View 1



Item	Part No.	Description	Qty.
20	45363GT	LATCH,FLEXIBLE	2
21	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
22	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
23	5397GT	WASHER, FLAT, USS, 5/16-18	2
24	50974GT	BUMPER,RUBBER,COVERS	2
25	54363GT	BRACKET,RUBBER BUMPER,ENGCOVER	2

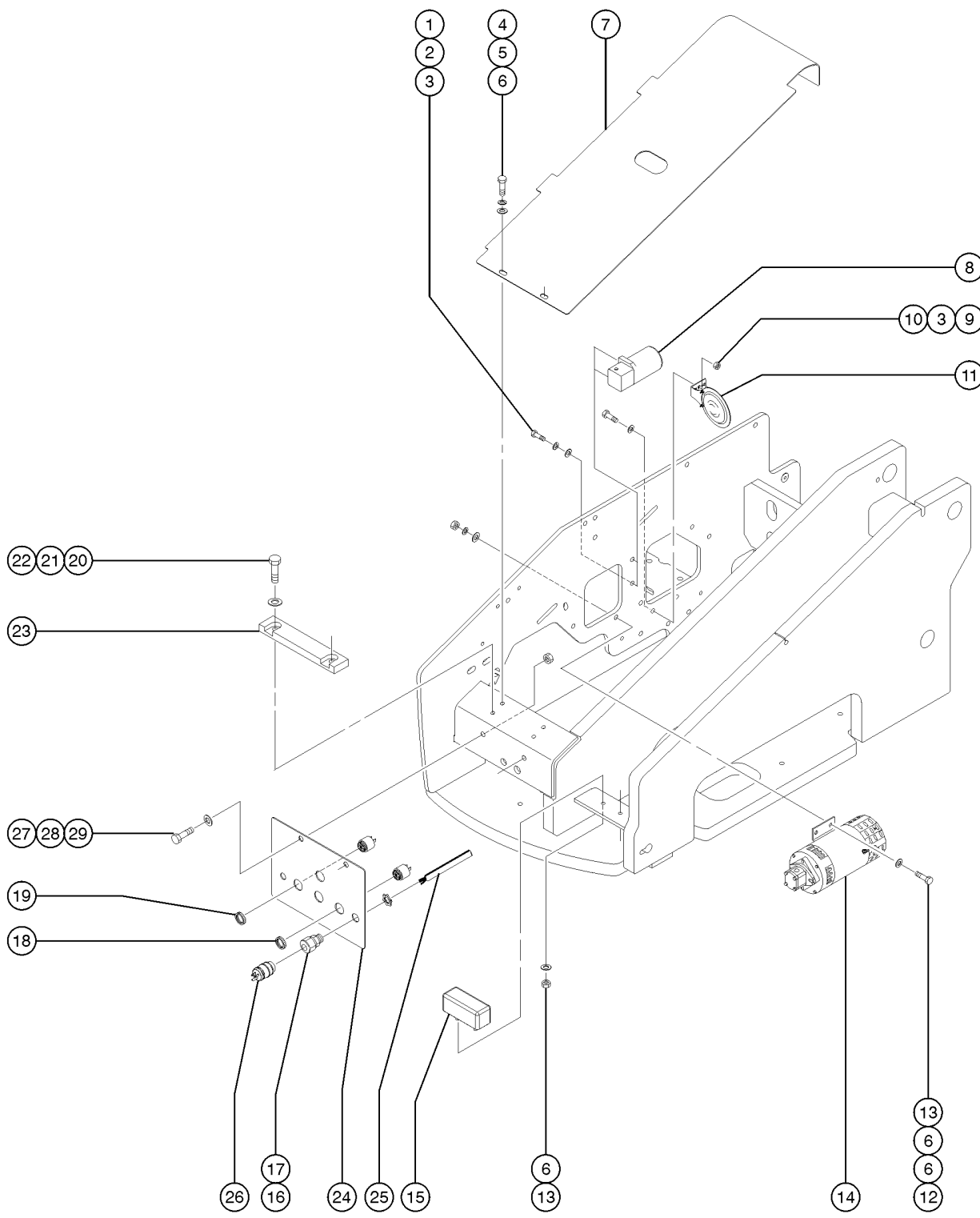


303.1 Turntable Components - View 2, Z-45/25



Item	Part No.	Description	Qty.
1	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
2	6886GT	WASHER,LOCK,.313	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	6021GT	WASHER, LOCK, .375	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	70574PGT	COVER,CENTER SWING CHASSIS	1
		to SN 31386	
7-	119784PGT	COVER,CENTER SWING CHASSIS,PTD	
		from SN 31387	
8	36179GT	POWER UNIT,AUX PUMP 24VDC	1
8-	37185GT	PUMP ASSEMBLY (36179) Part 37185GT is no longer backwards compatible with 37184GT. Order complete Aux Pump 36179GT	
8-	37187GT	SEAL KIT, 37185 PUMP	
8-	37186GT	VALVE,CHECK (36179)	
8-	37191GT	GASKET, PUMP / MOTOR (36179)	
8-	37192GT	COUPLER, PUMP / MOTOR (36179)	
8-	37184GT	MOTOR, 24V (36179)	
8-	49878GT	NYLON WASHER,(36179)	
9	6782GT	NUT, NYLOCK, 5/16-18	
10	13000GT	SCREW,HHC,5/16-18 X 1.25	
11	81579GT	HORN, 24VDC, SPADE TERMINALS***	1
12	8516GT	SCREW, HCC, 3/8-16 X 1.50	
13	4828GT	NUT, NYLOCK, 3/8-16	
14		Ref. Hydraulic Power Unit (refer to 701.1)	
		Bi-energy models	
15	56927GT	PAD,REST,2"THICK,W/STUDS*	1
16	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
17	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
18	18963GT	ALARM, INTERMITTENT TONE 6-30V*	1
		Does not include 72326 nut	
18-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
19	45462GT	ALARM,CHIME TONE 5-25VDC***	1
		Does not include 72326 nut	

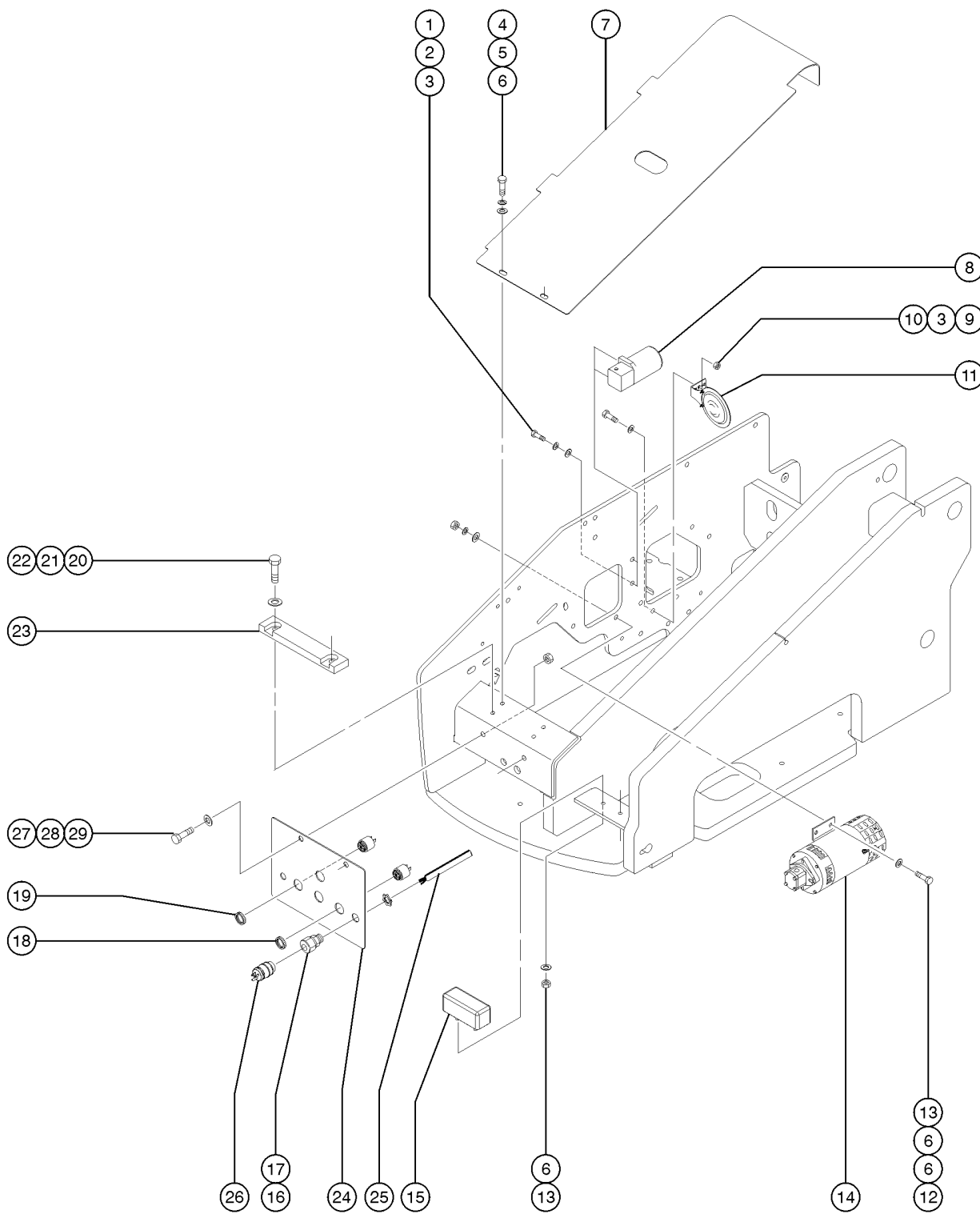
303.1 Turntable Components - View 2, Z-45/25



303.1 Turntable Components - View 2, Z-45/25

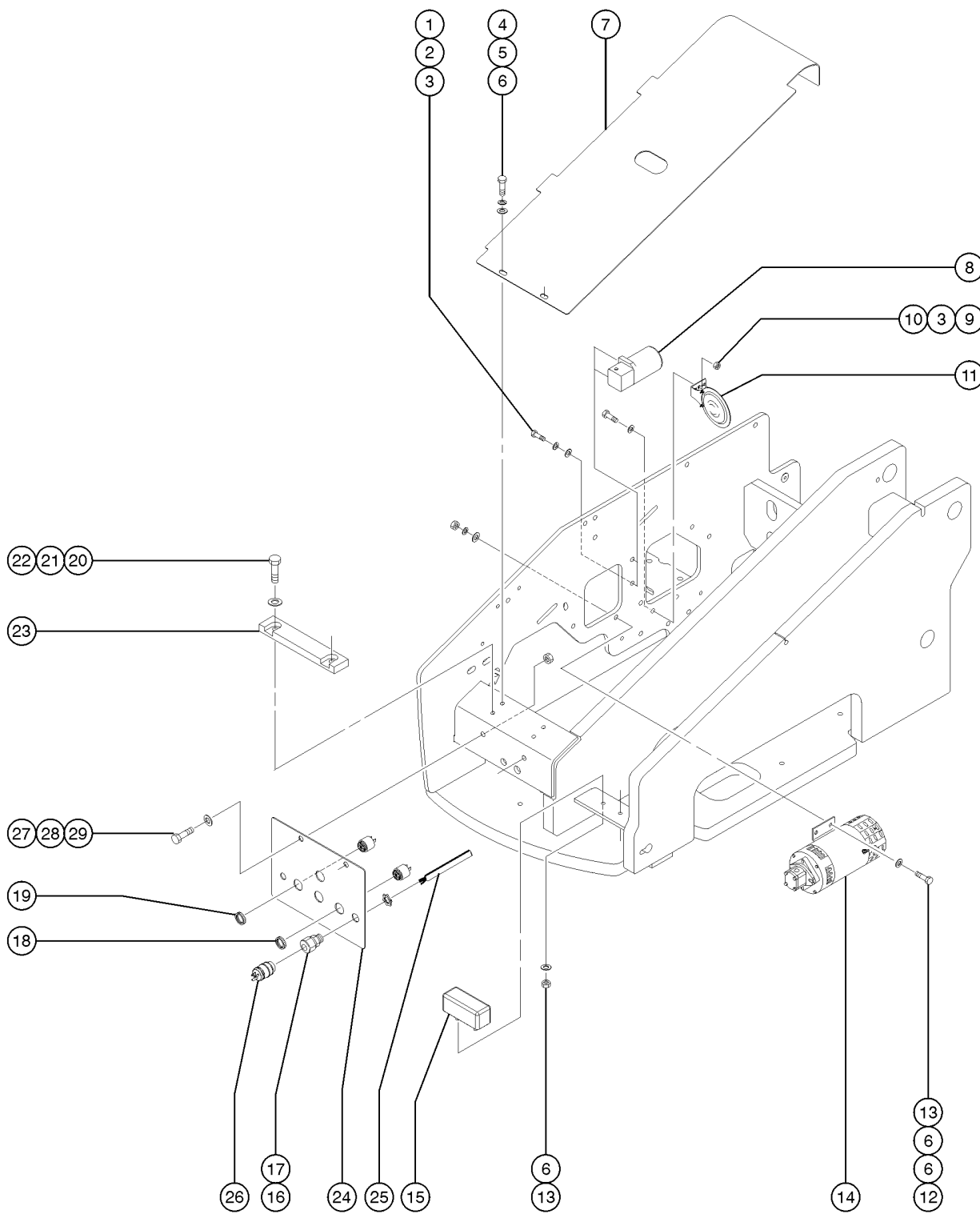
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
19-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
20	4828GT	NUT, NYLOCK, 3/8-16	
21	5397GT	WASHER, FLAT, USS, 5/16-18	
22	8516GT	SCREW, HCC, 3/8-16 X 1.50	
23	50570GT	WEAR PAD, PRIMARY BOOM, NON JIB	1
24	70647PGT	PLATE, FRONT COVER PAINTED	1
25	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	756
26	119403GT	CONN, PLUG 120 AC/15A DOMESTIC	1
26A-	119404GT	CONN, RECEP 120AC/15A DOMESTIC	
26A-	144161GT	PLUG, PWR, UK, 16AMP, 3PIN, BLK	
26A-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
26A-	25388GT	PLUG, FUSED, 250V, 13AMP, U.K.**	
26A-		FUSE, 13 AMP, 220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	
26B	128646GT	CORD AC IEC320-C19 TO 110UK	1
26B-	139318GT	BUSHING, STRAIN RELIEF, .875/.30	1
26C	128645GT	CORD AC IEC320-C19 TO 220EU	1
26C-	139318GT	BUSHING, STRAIN RELIEF, .875/.30	1
27	10597GT	SCREW, HHC, 1/2-13 X 1.25 GR5	
28	6095GT	WASHER, FLAT, USS, 1/2", Y	
29	6198GT	NUT, NYLOCK, 1/2-13	

303.2 Turntable Components - View 2, Z-45/25J



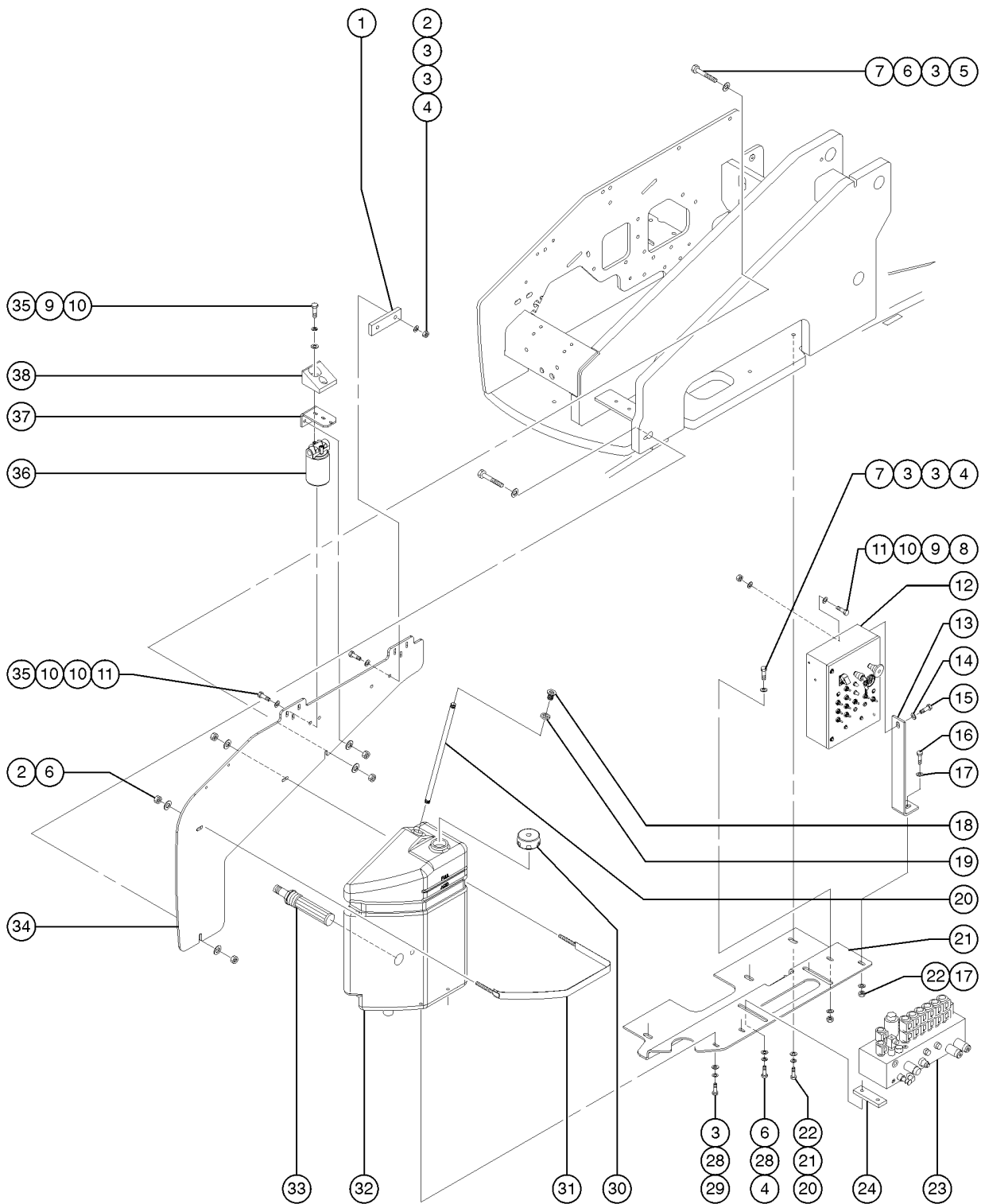
Item	Part No.	Description	Qty.
1	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
2	6886GT	WASHER,LOCK,.313	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	6021GT	WASHER, LOCK, .375	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	70574PGT	COVER,CENTER SWING CHASSIS	1
		to SN 31386	
7-	119784PGT	COVER,CENTER SWING CHASSIS,PTD	
		from SN 31387	
8	36179GT	POWER UNIT,AUX PUMP 24VDC	1
8-	37185GT	PUMP ASSEMBLY (36179) Part 37185GT is no longer backwards compatible with 37184GT. Order complete Aux Pump 36179GT	
8-	37187GT	SEAL KIT, 37185 PUMP	
8-	37186GT	VALVE,CHECK (36179)	
8-	37191GT	GASKET, PUMP / MOTOR (36179)	
8-	37192GT	COUPLER, PUMP / MOTOR (36179)	
8-	37184GT	MOTOR, 24V (36179)	
8-	49878GT	NYLON WASHER,(36179)	
9	6782GT	NUT, NYLOCK, 5/16-18	
10	13000GT	SCREW,HHC,5/16-18 X 1.25	
11	81579GT	HORN, 24VDC, SPADE TERMINALS***	1
12	8516GT	SCREW, HCC, 3/8-16 X 1.50	
13	4828GT	NUT, NYLOCK, 3/8-16	
14		Ref. Hydraulic Power Unit (refer to 701.1)	
15	56927GT	PAD,REST,2"THICK,W/STUDS*	1
16	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
17	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
18	18963GT	ALARM, INTERMITTENT TONE 6-30V*	1
		Does not include 72326 nut	
18-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
19	45462GT	ALARM,CHIME TONE 5-25VDC***	1
		Does not include 72326 nut	

303.2 Turntable Components - View 2, Z-45/25J



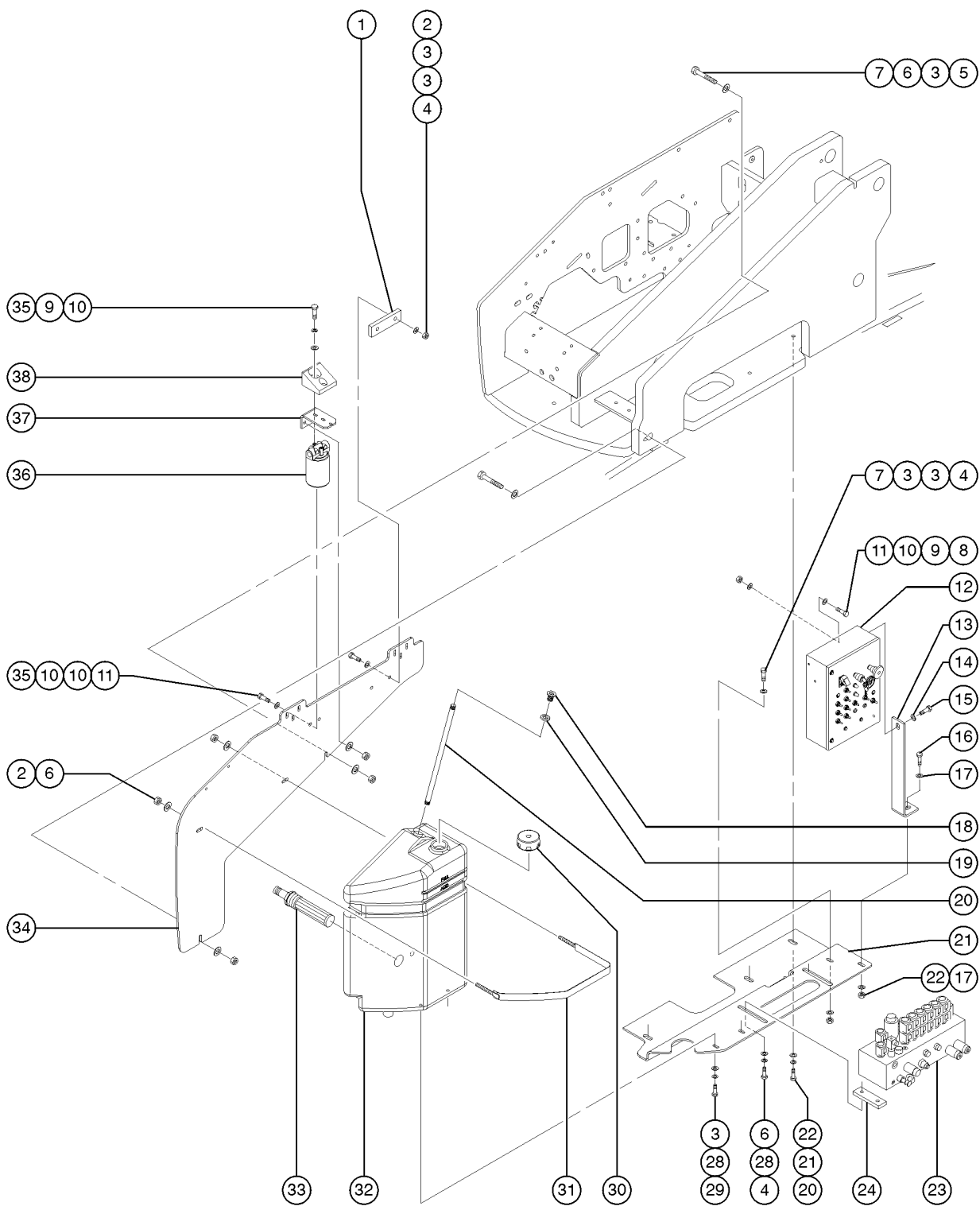
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
19-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
24	70647PGT	PLATE,FRONT COVER PAINTED	1
25	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	756
26	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
26A-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
26A-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
26A-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
26A-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
26A-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	
26B	128646GT	CORD AC IEC320-C19 TO 110UK	1
26B-	139318GT	BUSHING,STRAIN RELIEF,.875/.30	1
26C	128645GT	CORD AC IEC320-C19 TO 220EU	1
26C-	139318GT	BUSHING,STRAIN RELIEF,.875/.30	1
27	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
28	6095GT	WASHER,FLAT,USS,1/2",Y	
29	6198GT	NUT, NYLOCK, 1/2-13	

304.1 Turntable Components - View 3



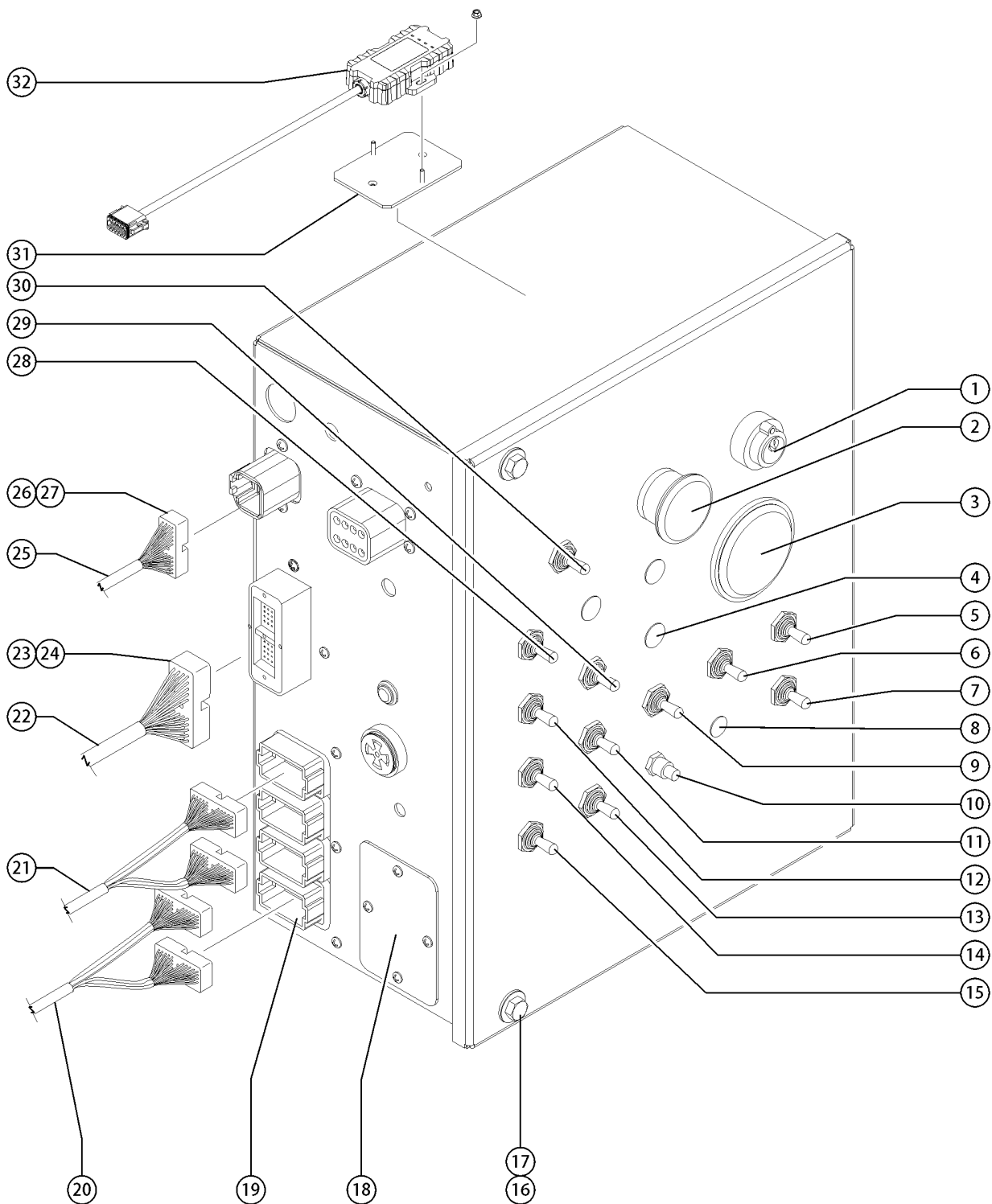
Item	Part No.	Description	Qty.
1	54231GT	WEAR PAD,4.88 X 1.5 X .5	1
2	4828GT	NUT, NYLOCK, 3/8-16	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	6175GT	SCREW,HHC,3/8-16 X 1	
5	14033GT	SCREW, HHC, 3/8-16 X 2.75	
6	6097GT	WASHER, FLAT, USS, 3/8", Y	
7	7713GT	NUT, LP NYLOCK, 3/8-16	
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6356GT	WASHER, LOCK, .25	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	6091GT	NUT,NYLOCK,1/4-20	
12		Ref. Ground Controls (refer to 405.1 or 406.1)	
13	88557GT	BRACKET,GROUND CONTROL BOX	1
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	6090GT	SCREW, HHC, 1/4-20 X .75	
16	6175GT	SCREW,HHC,3/8-16 X 1	
17	5397GT	WASHER, FLAT, USS, 5/16-18	
18	39223GT	BULKHEAD FITTING,PLASTIC X 8** Includes item 19	1
19	62088GT	WASHER/BULKHEAD***	1
20	60065GT	TUBE,PLASTIC .5 NPT X 18"	1
21	50959-SGT	FORMING,SWING CHASSIS,RH,PAINT	1
22	7713GT	NUT, LP NYLOCK, 3/8-16	
23		Ref. Function Manifold (refer to 702.1)	
24	54231GT	WEAR PAD,4.88 X 1.5 X .5	1
25	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
26	6033GT	WASHER,LOCK,0.5"	
27	6095GT	WASHER,FLAT,USS,1/2",Y	
28	6021GT	WASHER, LOCK, .375	

304.1 Turntable Components - View 3



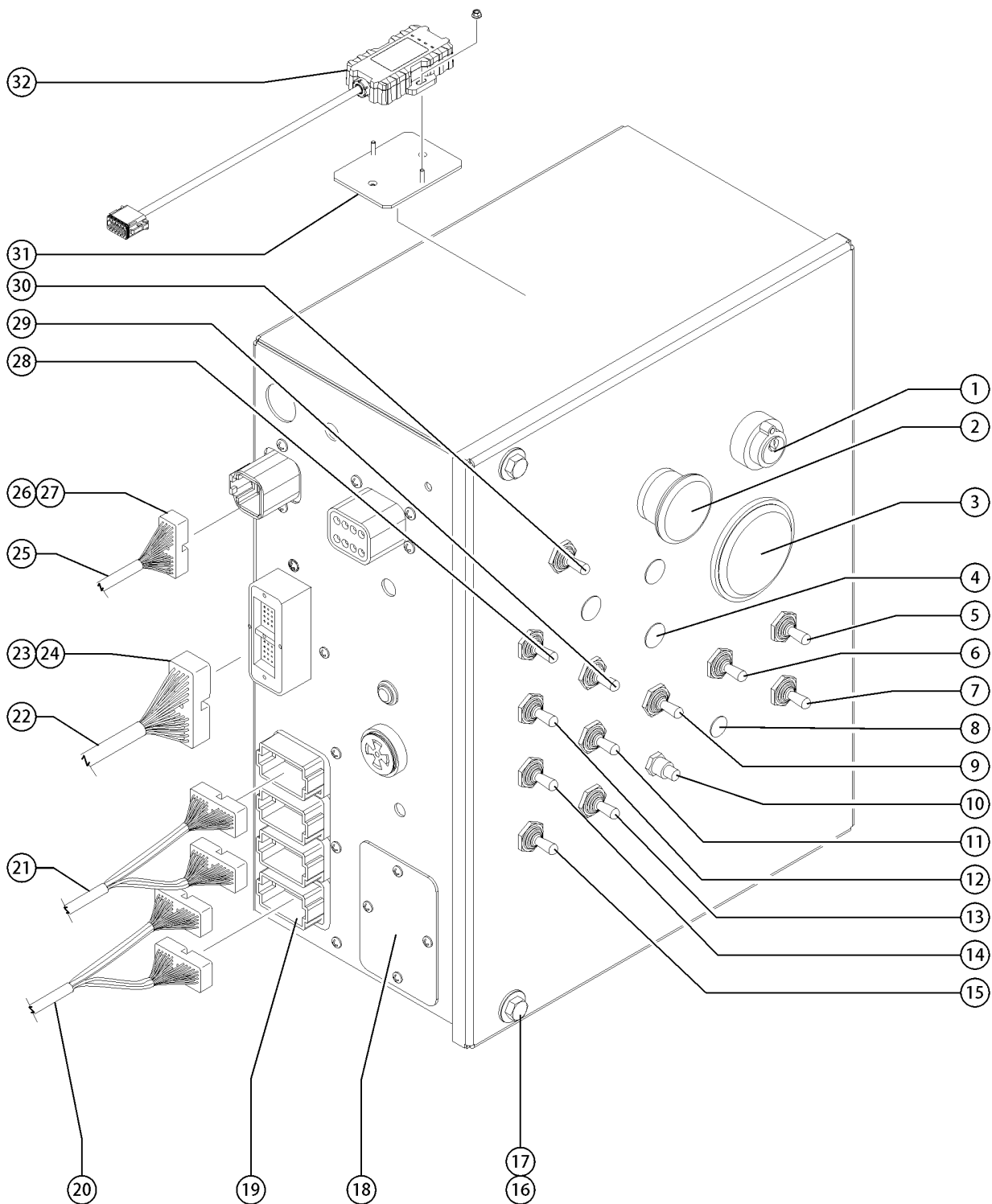
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29	8255GT	SCREW,HHC,3/8-16 X .75	
30	42019GT	TANK BREATHER,NYLON **	1
31	1290407GT	ASSY,TANK STRAP,Z45DC	2
		(include 1290408, 1290409)	
32	50966GT	TANK,HYDRAULIC,8 GALLON,DC/BI	1
32-	56022GT	PLUG,3/4 MAGNETIC PIPE SQ.DRV	1
33	45162GT	STRAINER ASSEMBLY,1.25" NPT***	
34	54443GT	BULKHEAD,SWING,RIGHT,Z45 DC/BE	1
35	6888GT	SCREW, HHC, 1/4-20 X 1	
36	78622GT	FILTER ASSY,SAE8,10 MIC,PAPR**	1
36-	44788GT	FILTER ELEMENT-10MICRON, PAPER*	
37	50744-SGT	BRACKET, RETURN FILTER	1
38	54360GT	CUP,PROP ROD,DC/BI	1

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



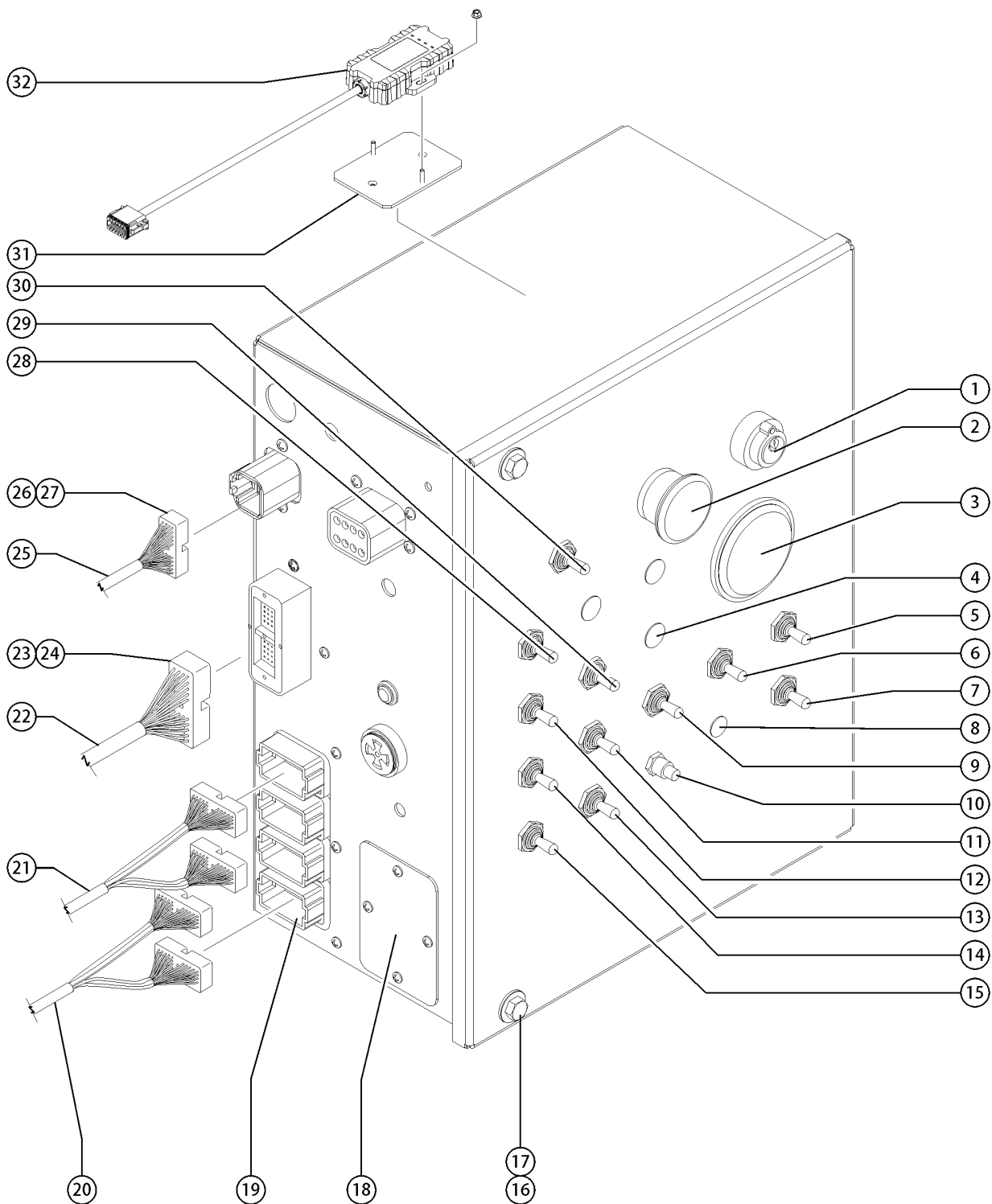
Item	Part No.	Description	Qty.
1A	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	1
1A-	94506GT	BASE,W/3 NC CONTACTS	
1A-	88827GT	GASKET,KEYSWITCH,PLASTIC***	
1A-	83093GT	KEY SINGLE***	
1A-	21982GT	KEY,SINGLE***	
1A-	37947GT	KEYS,10 PACK***	
1B	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING	1
1B-	83093GT	KEY SINGLE***	
1B-	85239GT	RETAINER NUT (96008)***	
2	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
2-	73805GT	BASE,W/2 NC CONTACTS*** includes 2 each N.C. contacts	
2-	66818GT	CONTACT,NC	
3	19506GT	HOURLY METER, 10-80 VOLTS*** includes mounting bracket	1
4	45384GT	PLUG,NYLON .50 BLACK DOMED from SN 27000 to 41670	3
4	229567GT	PLUG,SANTOPRENE .5 BLACK DOME from SN 41671	
5	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow Plug (Bi-Energy); includes boot and hardware	1
5-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
5-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
5-	45384GT	PLUG,NYLON .50 BLACK DOMED DC models from SN 27000 to 41670	1
5-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME DC models from SN 41671	
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start; includes boot and hardware	1
6-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
6-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
6-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Function Enable; includes boot and hardware	1
7-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
7-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

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



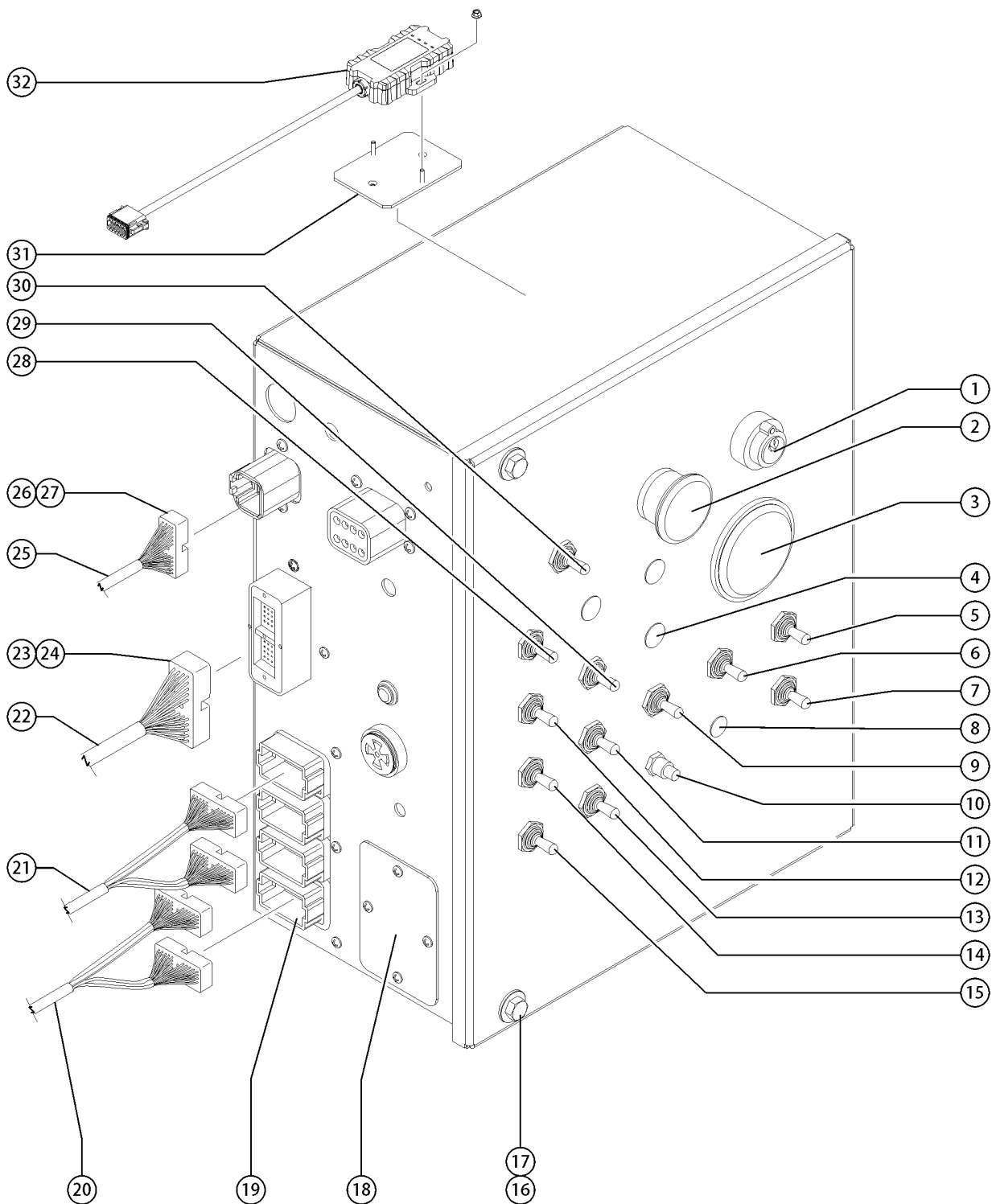
Item	Part No.	Description	Qty.
7-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
8	21858GT	PLUG,NYLON .38 BLACK DOMED	1
9	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Secondary Boom Up/Down; includes boot and hardware	1
9-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
9-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
9-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10	147094GT	ASSY, CIRCUIT BREAKER 15A	1
		includes mounting fasteners	
10-	77061GT	BOOT,CIRCUIT BREAKER PROTECTOR	
10-	56234GT	O-RING,ORFS,-6	
11A	45384GT	PLUG,NYLON .50 BLACK DOMED	1
		(Z-45/25) from SN 27000 to 41670	
11A	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
		(Z-45/25) from SN 41671	
12	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
		Primary Boom Ext/Ret; includes boot and hardware	
12-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
12-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
12-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
13	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
		Primary Level; includes boot and hardware	
13-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
13-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
13-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
14	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
		Turntable Rotate; includes boot and hardware	
14-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
14-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
14-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
15	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
		Platform Rotate; includes boot and hardware	
15-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
15-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
15-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
16	6090GT	SCREW, HHC, 1/4-20 X .75	

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



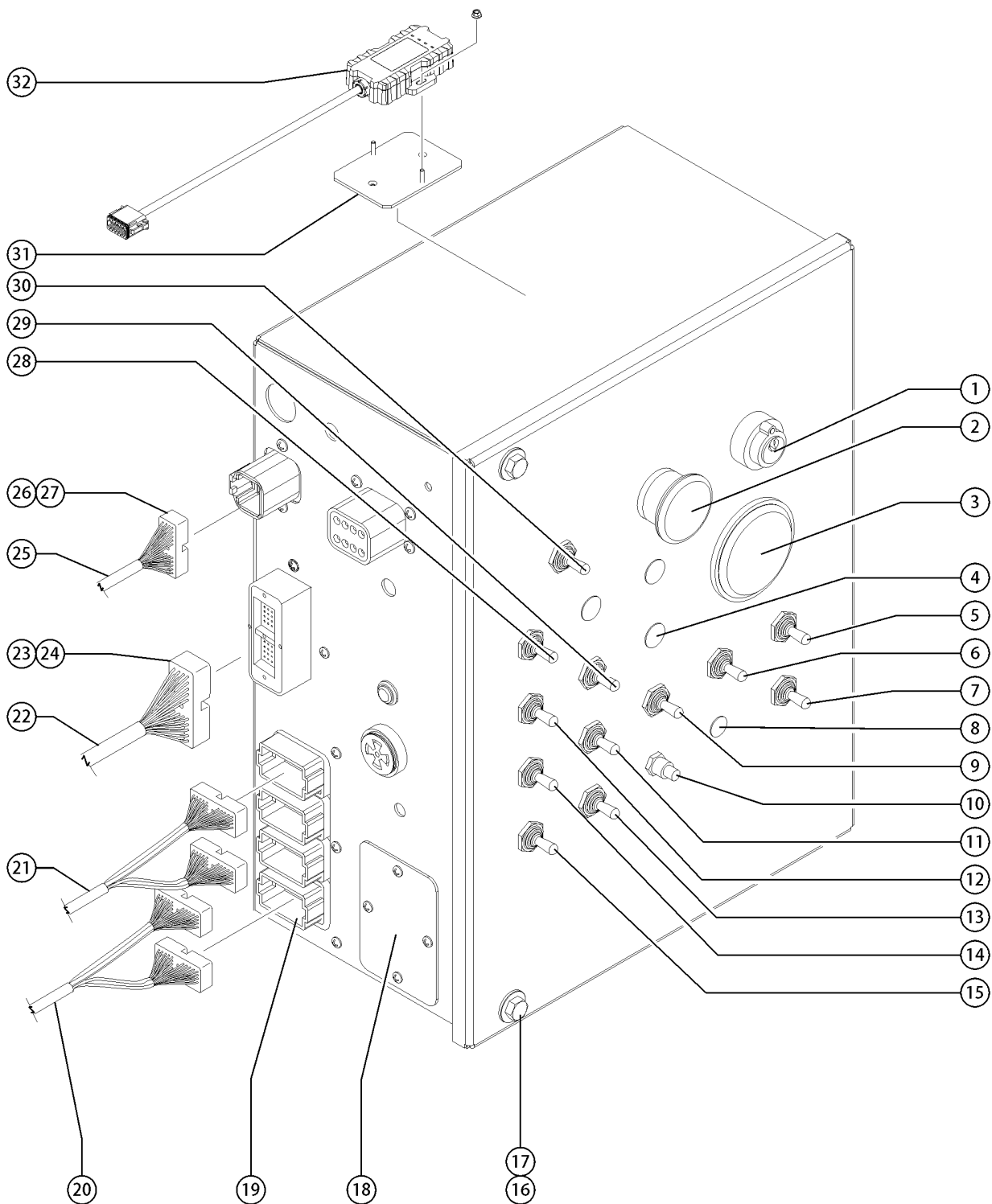
Item	Part No.	Description	Qty.
17	6638GT	WASHER, FLAT, USS, 1/4"Y	
18	88691GT	COVER PLATE,CONNECTOR	1
18-		shown; DC models	
18-		HARNESS,ENGINE,Z45BI	1
18-		Bi-Energy models; refer to section 410.1	
18-	73749GT	CONN,PLUG 24 WAY,DRC SERIES	
18-	73753GT	CONN,RECEP 24 WAY,W/FLANGE	
19	73736GT	CONN,RECEP 48 WAY,4 X 12	1
20A	88722-72000GT	HARNESS,18/19,BOOM CABLE #2	1
20-		(non-jib); gray and black connectors	
20-	119062GT	CONN, PLUG, 12 WAY, DEUTSCH, DT, BLACK	
20-	119061GT	CONN, PLUG, 12 WAY, DEUTSCH, DT, GRAY	
20-	60435GT	LOCK, PLUG 12WAY, 14-18GA, GRN	
20-	61801GT	SEAL DT SERIES-12W	
21A	88721-72000GT	HARNESS,18/19 BOOM CABLE #1	1
21-		(Z-45/25); brown and green connectors	
21-	119064GT	CONN PLUG 12 WAY ENDCAP DT BR	
21-	119063GT	CONN PLUG 12 WAY ENDCAP DT GR	
21-	60435GT	LOCK, PLUG 12WAY, 14-18GA, GRN	
21-	61801GT	SEAL DT SERIES-12W	
22	218154GT	HARNESS FUNCTION MANIFOLD	1
23	73751GT	CONN,PLUG 40 WAY,DRC SERIES	1
24	73754GT	CONN,RECEP 40 WAY,W/FLANGE	1
25A	88723-71000GT	HARNESS,12/3,12V TO PLAT	1
26		(Z-45/25)	
26	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	1
26-	60528GT	LOCK,PLUG 4 WAY,12-14GA***	
27	73754GT	CONN,RECEP 40 WAY,W/FLANGE	1
27-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
28	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
28-		Engine Idle; includes boot and hardware	
28-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
28-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
28-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

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



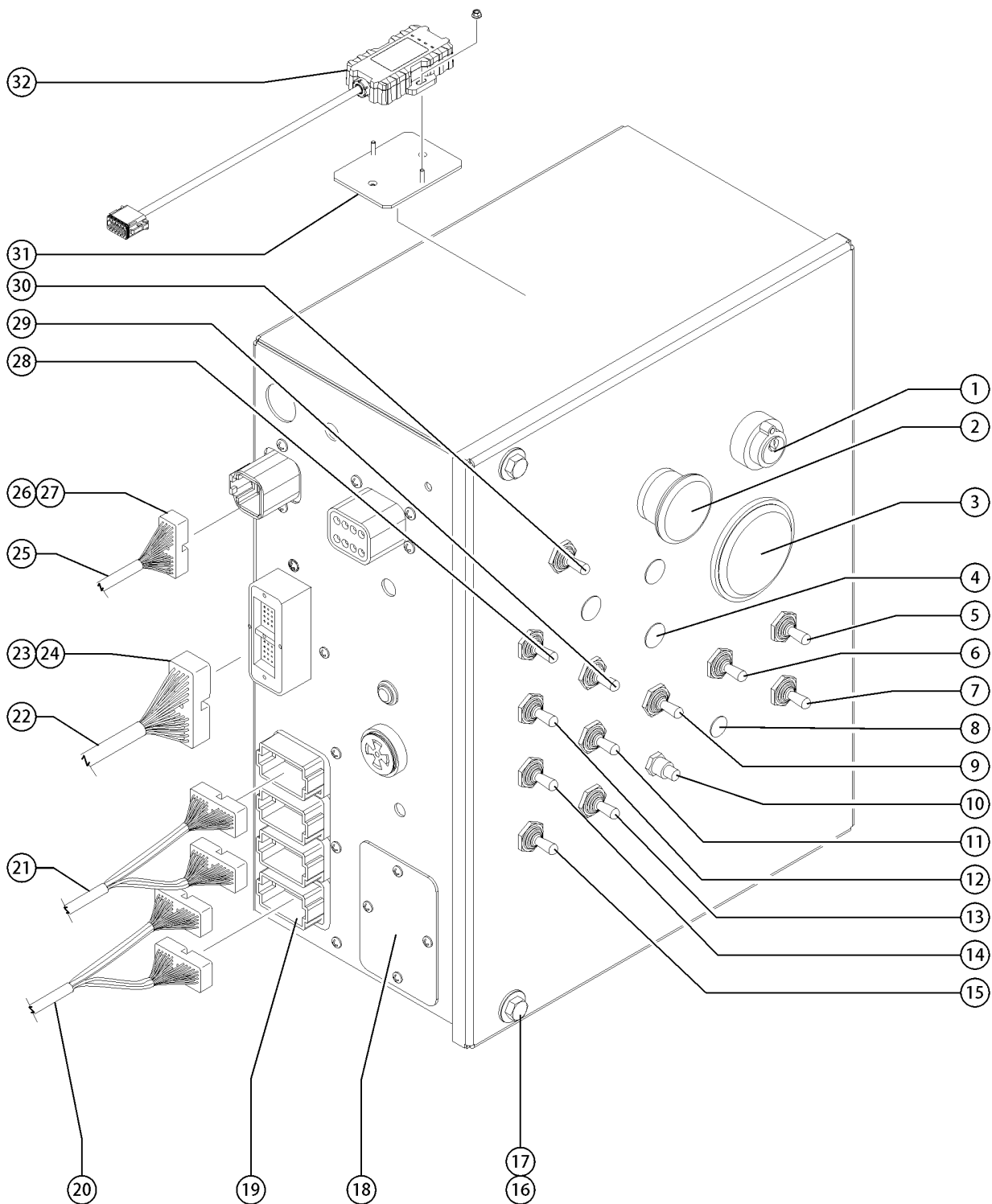
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary Boom Up/Down; includes boot and hardware	1
29-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
29-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
30	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary Power; includes boot and hardware	1
30-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
30-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
30-	25553GT	BOOT,TOGGLE SWITCH	
31	1289561GT	BRACKET, TELEMATICS	1
32A	1289520GT	MODULE, TELEMATICS, ZTR, M7, NORTH AMERICA North America	1
32B	1289521GT	MODULE, TELEMATICS, ZTR, M7, EMEA/APAC EMEA/APAC	1
32C	1289522GT	MODULE, TELEMATICS, ZTR, M7, APAC/ANZ APAC/ANZ	1
32D	1289523GT	MODULE,TELEMATICS,ZTR,M7,JAPAN Japan	1

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



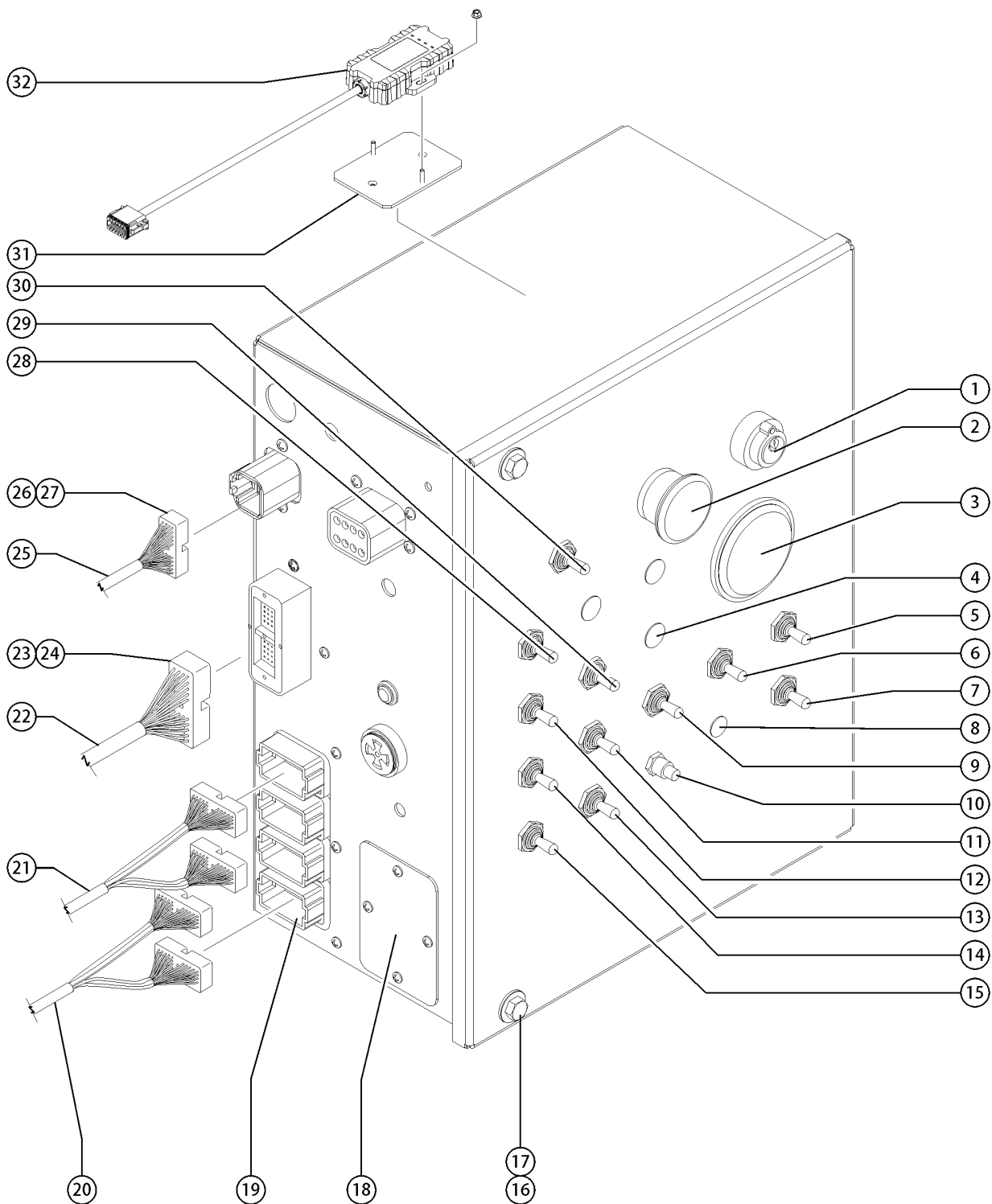
Item	Part No.	Description	Qty.
1A	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	1
1A-	94506GT	BASE,W/3 NC CONTACTS	
1A-	88827GT	GASKET,KEYSWITCH,PLASTIC***	
1A-	83093GT	KEY SINGLE*** with rubber boot	
1A-	21982GT	KEY,SINGLE***	
1A-	37947GT	KEYS,10 PACK***	
1B	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING	1
1B-	83093GT	KEY SINGLE***	
1B-	85239GT	RETAINER NUT (96008)***	
2	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
2-	73805GT	BASE,W/2 NC CONTACTS*** includes 2 each N.C. contacts	
2-	66818GT	CONTACT,NC	
3	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
4	45384GT	PLUG,NYLON .50 BLACK DOMED from SN 27000 to 41670	3
4	229567GT	PLUG,SANTOPRENE .5 BLACK DOME from SN 41671	
5	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow Plug (Bi-Energy); includes boot and hardware	1
5-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
5-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
5-	45384GT	PLUG,NYLON .50 BLACK DOMED DC models from SN 27000 to 41670	1
5-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME DC models from SN 41671	
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start; includes boot and hardware	1
6-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
6-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
6-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Function Enable; includes boot and hardware	1
7-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
7-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

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



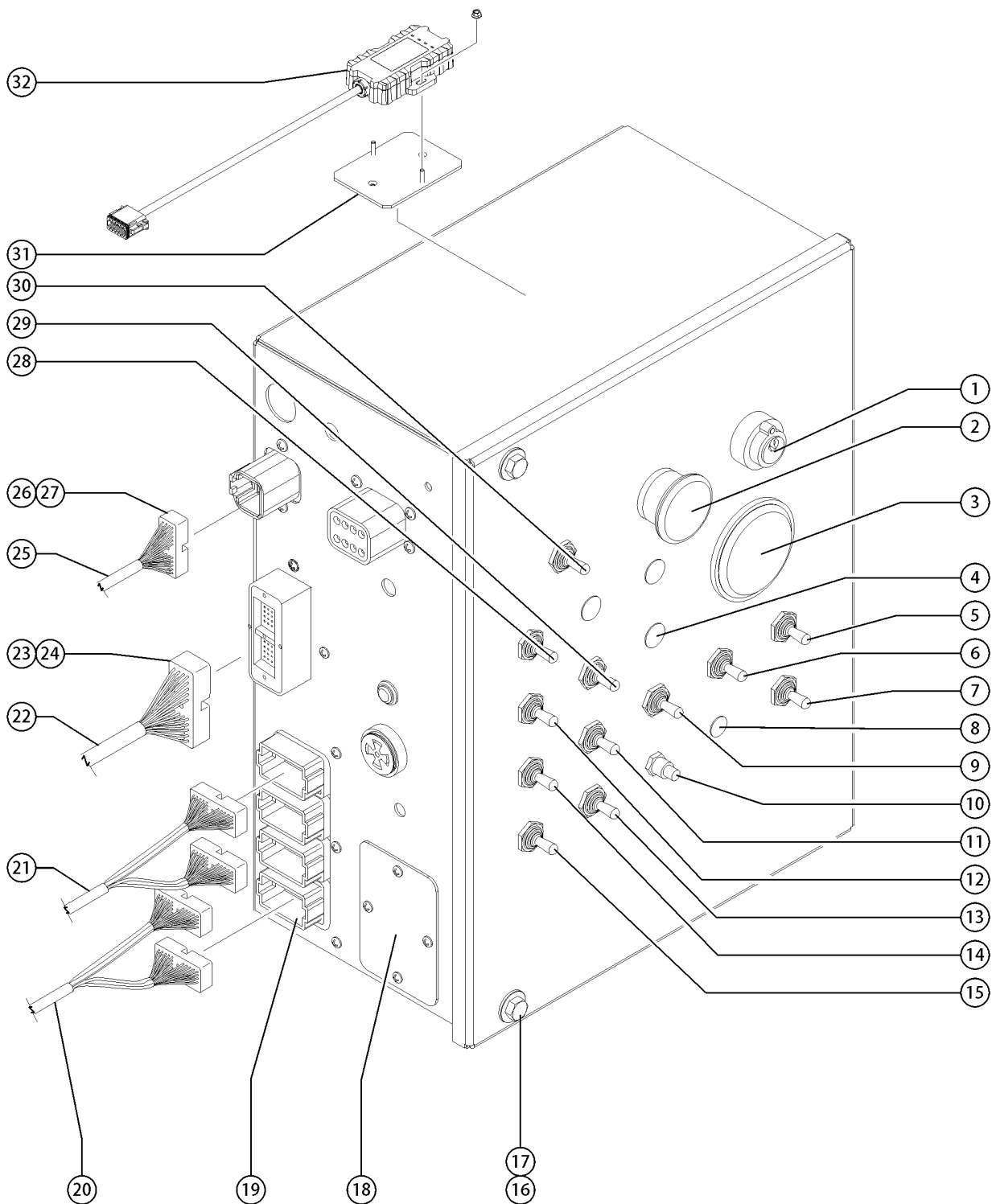
Item	Part No.	Description	Qty.
7-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
8	21858GT	PLUG,NYLON .38 BLACK DOMED	1
9	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Secondary Boom Up/Down; includes boot and hardware	1
9-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
9-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
9-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10	147094GT	ASSY, CIRCUIT BREAKER 15A includes mounting fasteners	1
10-	77061GT	BOOT,CIRCUIT BREAKER PROTECTOR	
10-	56234GT	O-RING,ORFS,-6	
11B	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Jib Boom Up/Down (Z-45/25J); includes boot and hardware	1
11B-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
11B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
11B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary Boom Ext/Ret; includes boot and hardware	1
12-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
12-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
12-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
13	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Level; includes boot and hardware	1
13-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
13-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
13-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
14	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Turntable Rotate; includes boot and hardware	1
14-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
14-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
14-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
15	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate; includes boot and hardware	1
15-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
15-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	

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



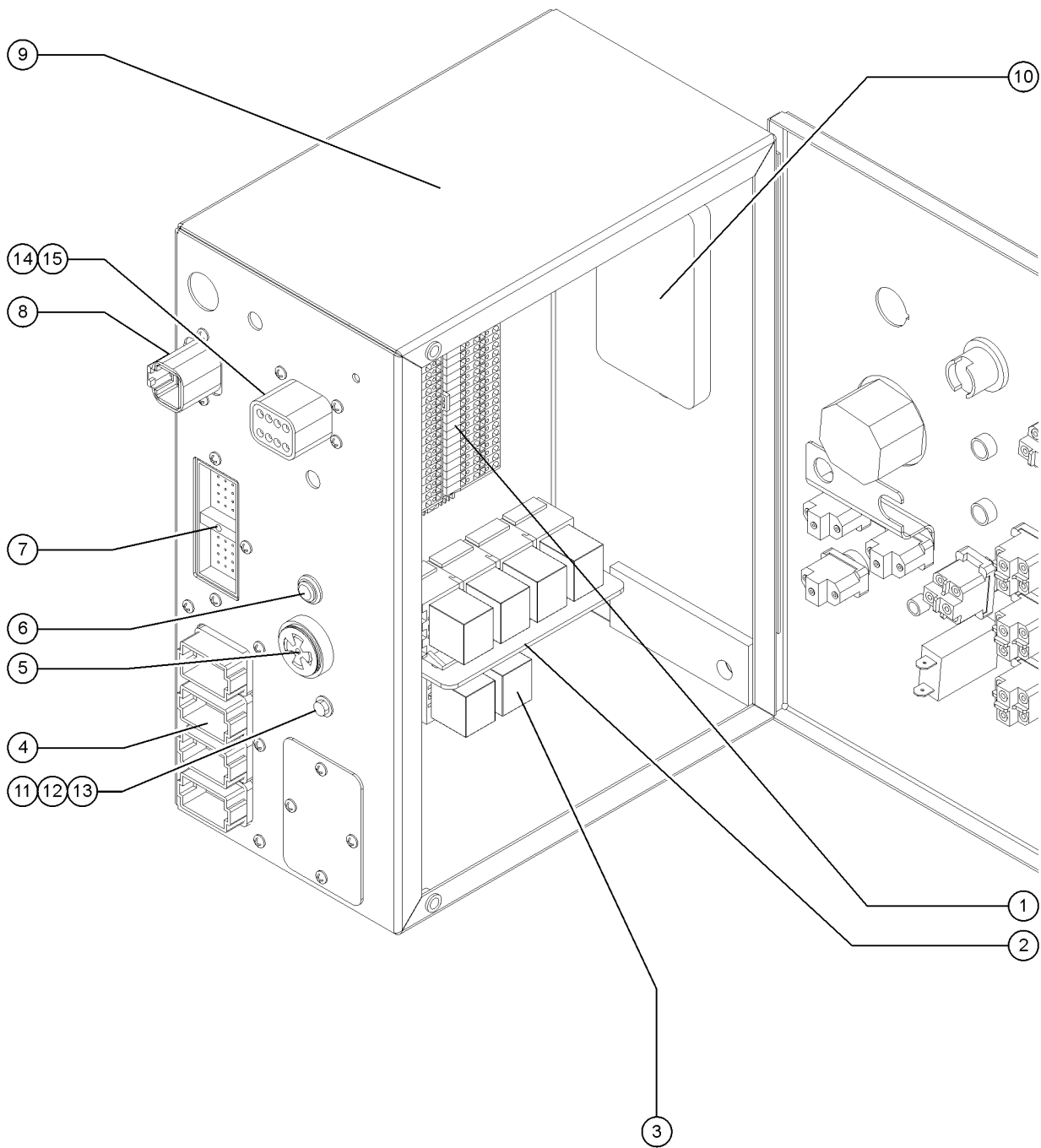
Item	Part No.	Description	Qty.
15-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
16	6090GT	SCREW, HHC, 1/4-20 X .75	
17	6638GT	WASHER, FLAT, USS, 1/4"Y	
18	88691GT	COVER PLATE,CONNECTOR	1
		shown; DC models	
18-		HARNESS,ENGINE,Z45BI	1
		Bi-Energy models; refer to section 410.1	
18-	73749GT	CONN,PLUG 24 WAY,DRC SERIES	
18-	73753GT	CONN,RECEP 24 WAY,W/FLANGE	
19	73736GT	CONN,RECEP 48 WAY,4 X 12	1
20B	88722-70700GT	HARNESS,18/19,BOOM CABLE #2	
		(Z-45/25J)	
20-	119062GT	CONN, PLUG, 12 WAY, DEUTSCH, DT, BLACK	
20-	119061GT	CONN, PLUG, 12 WAY, DEUTSCH, DT, GRAY	
20-	60435GT	LOCK, PLUG 12WAY, 14-18GA, GRN	
20-	61801GT	SEAL DT SERIES-12W	
21B	88721-70700GT	HARNESS,18/19 BOOM CABLE #1	
		(Z-45/25J)	
21-	119064GT	CONN PLUG 12 WAY ENDCAP DT BR	
21-	119063GT	CONN PLUG 12 WAY ENDCAP DT GR	
21-	60435GT	LOCK, PLUG 12WAY, 14-18GA, GRN	
21-	61801GT	SEAL DT SERIES-12W	
22	88719GT	HARNESS,FUNCTION,Z45 DC/BI	1
23	73751GT	CONN,PLUG 40 WAY,DRC SERIES	1
24	73754GT	CONN,RECEP 40 WAY,W/FLANGE	1
25B	88723-69700GT	HARNESS,12/3,12V TO PLAT	
		(Z-45/25J)	
26	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	1
26-	60528GT	LOCK,PLUG 4 WAY,12-14GA***	
27	73754GT	CONN,RECEP 40 WAY,W/FLANGE	1
27-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
28	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
28-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

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



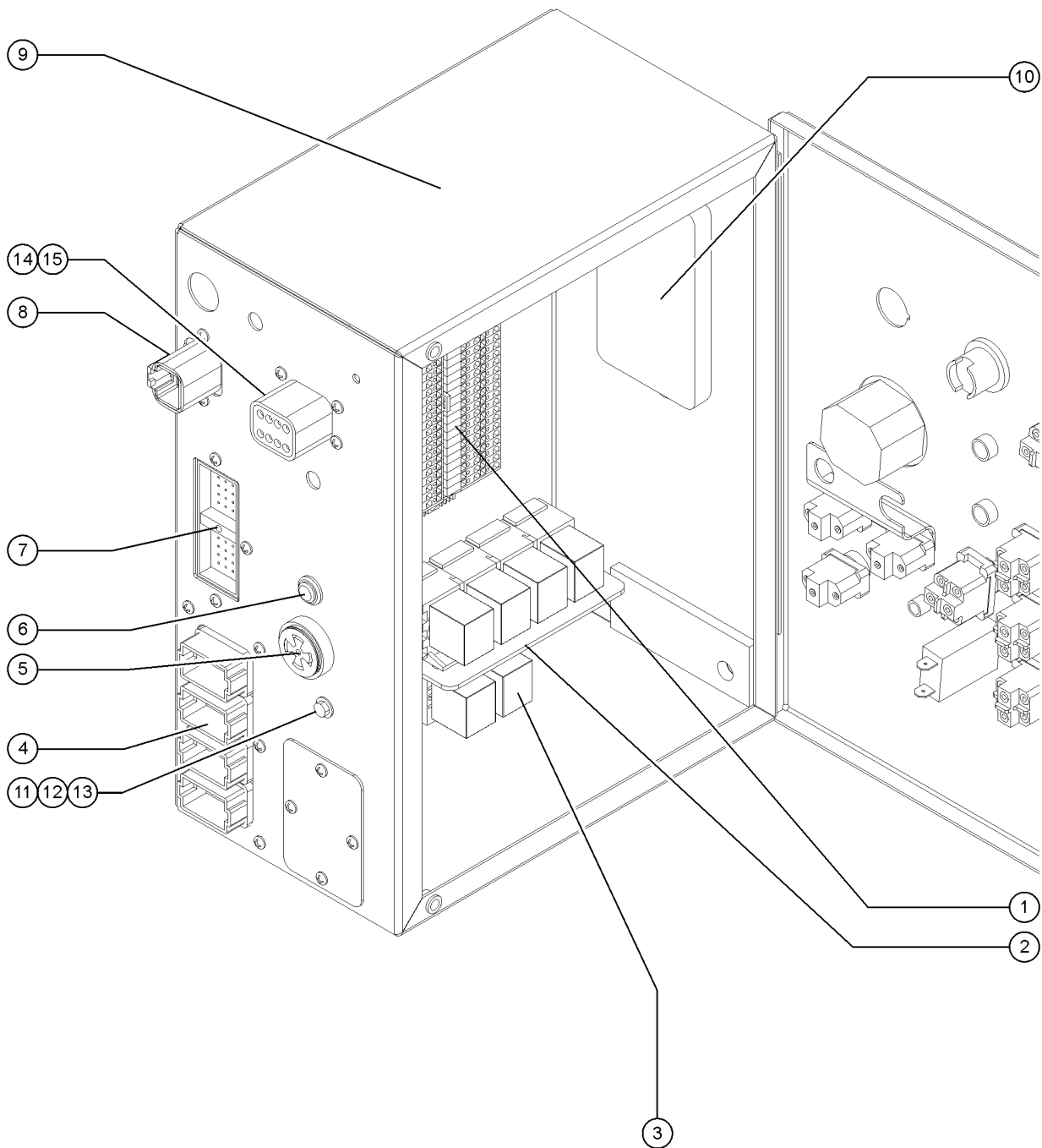
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
28-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
28-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
29-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
29-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
30	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	1
30-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
30-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
30-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
31	1289561GT	BRACKET, TELEMATICS	1
32A	1289520GT	MODULE, TELEMATICS, ZTR, M7, NORTH AMERICA North America	1
32B	1289521GT	MODULE, TELEMATICS, ZTR, M7, EMEA/APAC EMEA/APAC	1
32C	1289522GT	MODULE, TELEMATICS, ZTR, M7, APAC/ANZ APAC/ANZ	1
32D	1289523GT	MODULE,TELEMATICS,ZTR,M7,JAPAN Japan	1

306.1 Ground Control Box - View 2



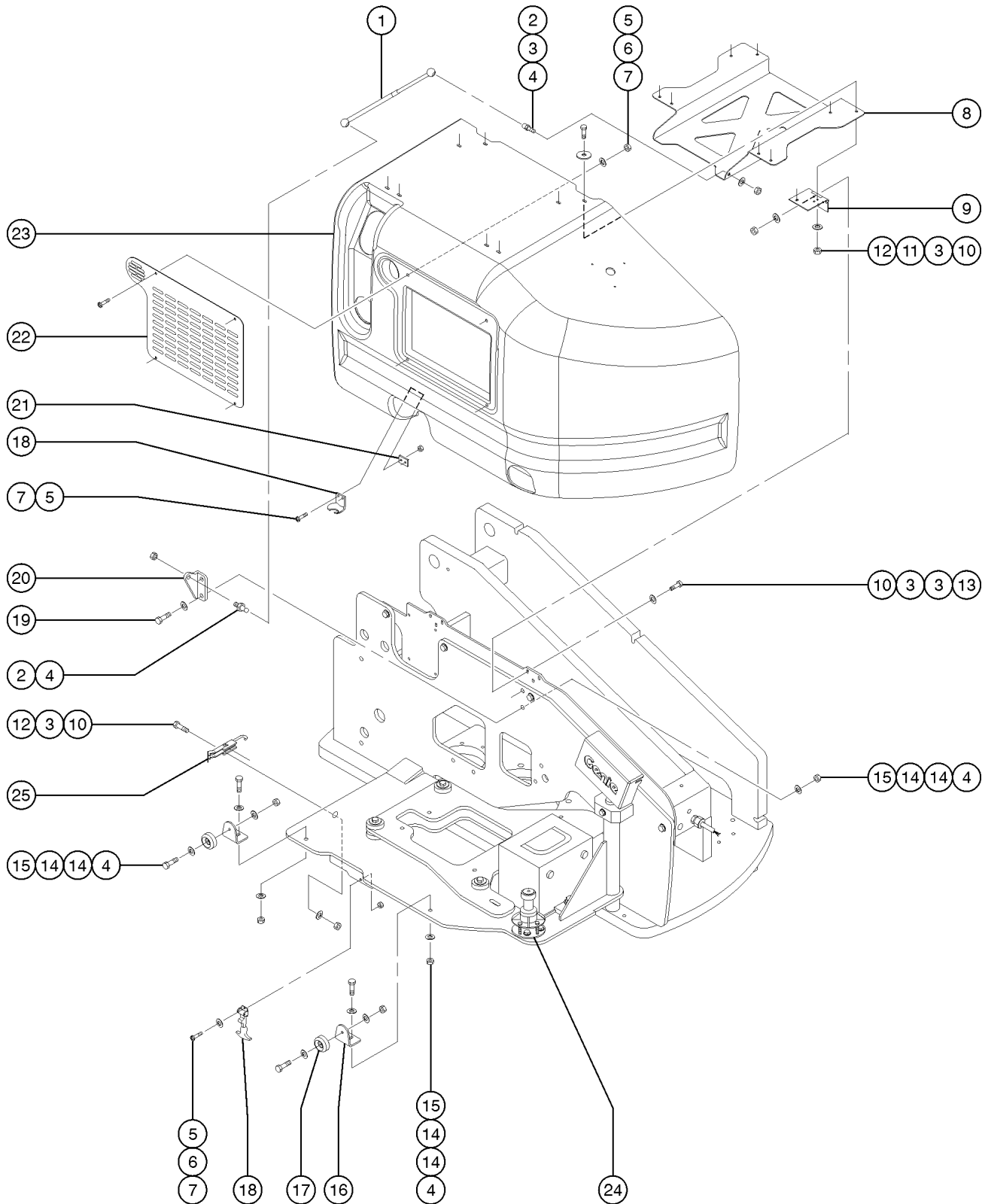
Item	Part No.	Description	Qty.
1		ASSY, TERMINAL RAIL, Z45DC/BE (94639 no longer available, use kit 217046) to SN Z452513A-47173	1
1A-	56994GT	DIN RAIL, 11.25" (for 94639) to SN Z452513A-47173	
1A-	74911GT	TERMINAL BLOCK, WIELAND*** (for 94639) to SN Z452513A-47173	
1A-	216793GT	TERMINAL BLOCK END PLATE (for 94639) to SN Z452513A-47173	1
1A-	74913GT	END STOP, DIN RAIL, SCREW CLAMP (for 94639) to SN Z452513A-47173	
1A-	74917GT	JUMPER COMB, 2-WAY, WIELAND (for 94639) to SN Z452513A-47173	
1B	217046GT	KIT, TERMINAL BLOCK (replaces PN 94639) to SN Z452513A-47173	
1B-	216791GT	TERMINAL BLOCK, WIELAND (for kit 217046) to SN Z452513A-47173	
1B-	216793GT	TERMINAL BLOCK END PLATE (for kit 217046) to SN Z452513A-47173	
1C	218083GT	ASSY, TERMINAL RAIL, Z45DC/BE from SN Z452513A-47174	
1C-	56994GT	DIN RAIL, 11.25" from SN Z452513A-47174	
1C-	74913GT	END STOP, DIN RAIL, SCREW CLAMP from SN Z452513A-47174	2
1C-	74917GT	JUMPER COMB, 2-WAY, WIELAND from SN Z452513A-47174	
1C-	216791GT	TERMINAL BLOCK, WIELAND from SN Z452513A-47174	28
1C-	216793GT	TERMINAL BLOCK END PLATE from SN Z452513A-47174	
2	54534GT	ANGLE, RELAY MNT, W/NUTSERTS, PNT includes nutserts, to SN Z452515A-53270	1
2A-	23404GT	NUTSERT, 1/4-20, STEEL CAD PLTD	2
2B	T106699GT	BRACKET, RELAY MOUNT W/INSERTS includes nutserts, from SN Z452515A-53271	1
2B-	23404GT	NUTSERT, 1/4-20, STEEL CAD PLTD	2
3	56302GT	RELAY, 24VDC, 40/30A, SEALED***	6
3-	34053GT	ASSY, RELAY SOCKET, AUTO components no longer available	
4	73736GT	CONN, RECEP 48 WAY, 4 X 12	1
4-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
5	45462GT	ALARM, CHIME TONE 5-25VDC*** Does not include 72326 nut	1
5-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
6	218164GT	LIGHT, INDICATOR, RED 24V H-BRI original light no longer available	
7	73754GT	CONN, RECEP 40 WAY, W/FLANGE	1
8	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1

306.1 Ground Control Box - View 2



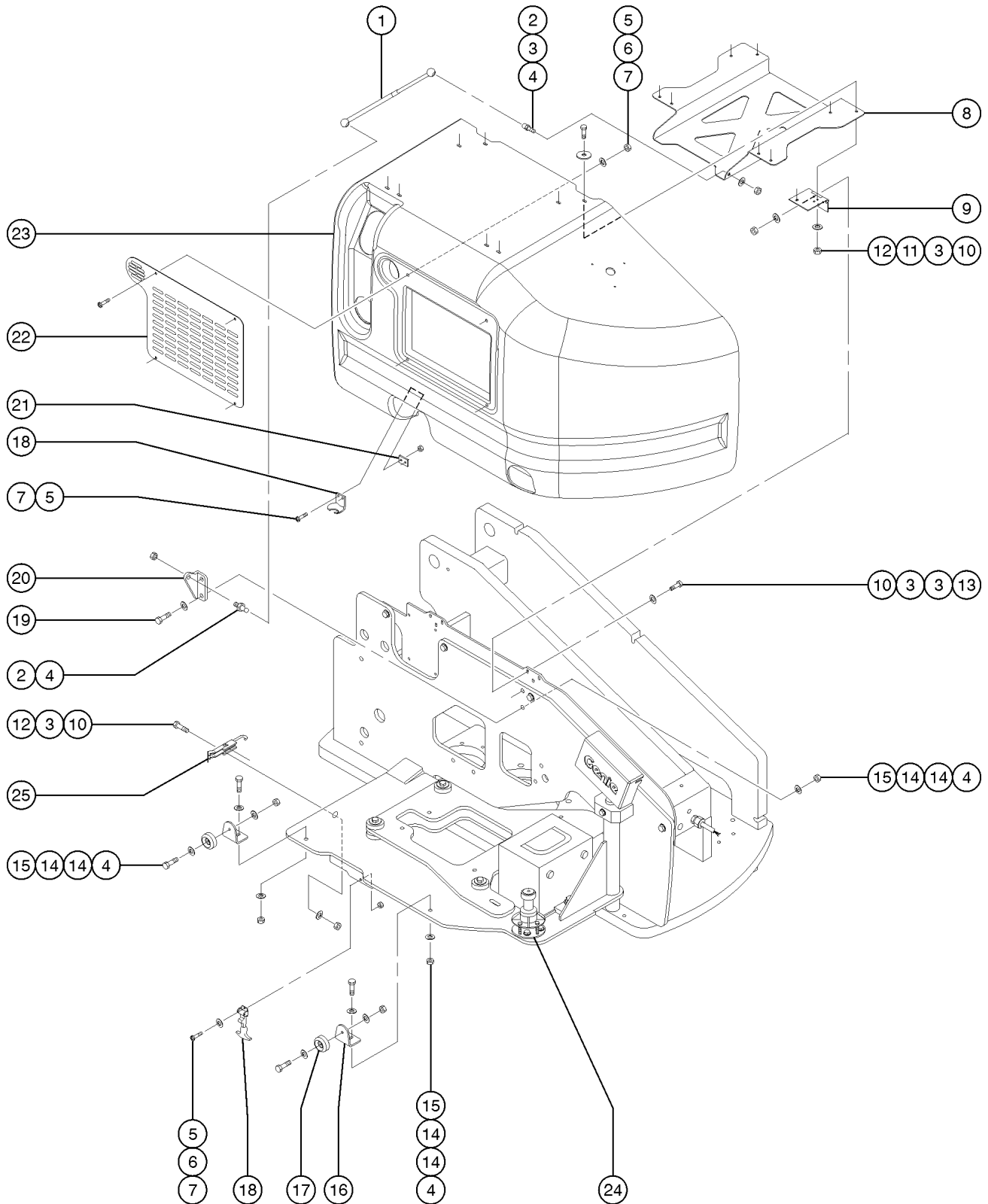
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
8-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
9	101844GT	GROUND CONTROL BOX ASSY W/DEC*	1
9-	88637GT	GASKET,GROUND CONTROL BOX***	
9-	30997GT	CORROSION INHIBITOR,FOAM	
10	128045GT	MODULE,LOAD SENSE 2007	1
10-	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
10-	6178GT	NUT, NYLOCK, 10-32	
11	6888GT	SCREW, HHC, 1/4-20 X 1	
12	6638GT	WASHER, FLAT, USS, 1/4"Y	
13	6091GT	NUT,NYLOCK,1/4-20	
14	1258768GT	CONN,PLUG 8WAY,BLOCKED GROMMET	
		models without telematics	
14B	119060GT	CONN, PLUG, 8 WAY, DEUTSCH, DT, ENDCAP/ GRAY	
		models with telematics	
14C	60447GT	LOCK,RECEP 8 WAY,14-18GA	
		models with telematics	
14D	60433GT	LOCK,PLUG 8 WAY, 14-18GA	
		not shown, models with telematics	
14E	60757GT	PLUG, SEAL, 12-18GA	
		not shown, models with telematics	
15	87755GT	CONN, RECEP, 8 WAY, DEUTSCH, DT, GRAY/FLANGE	
		from SN Z452515A-53271	

307.1 Turntable Covers - View 1



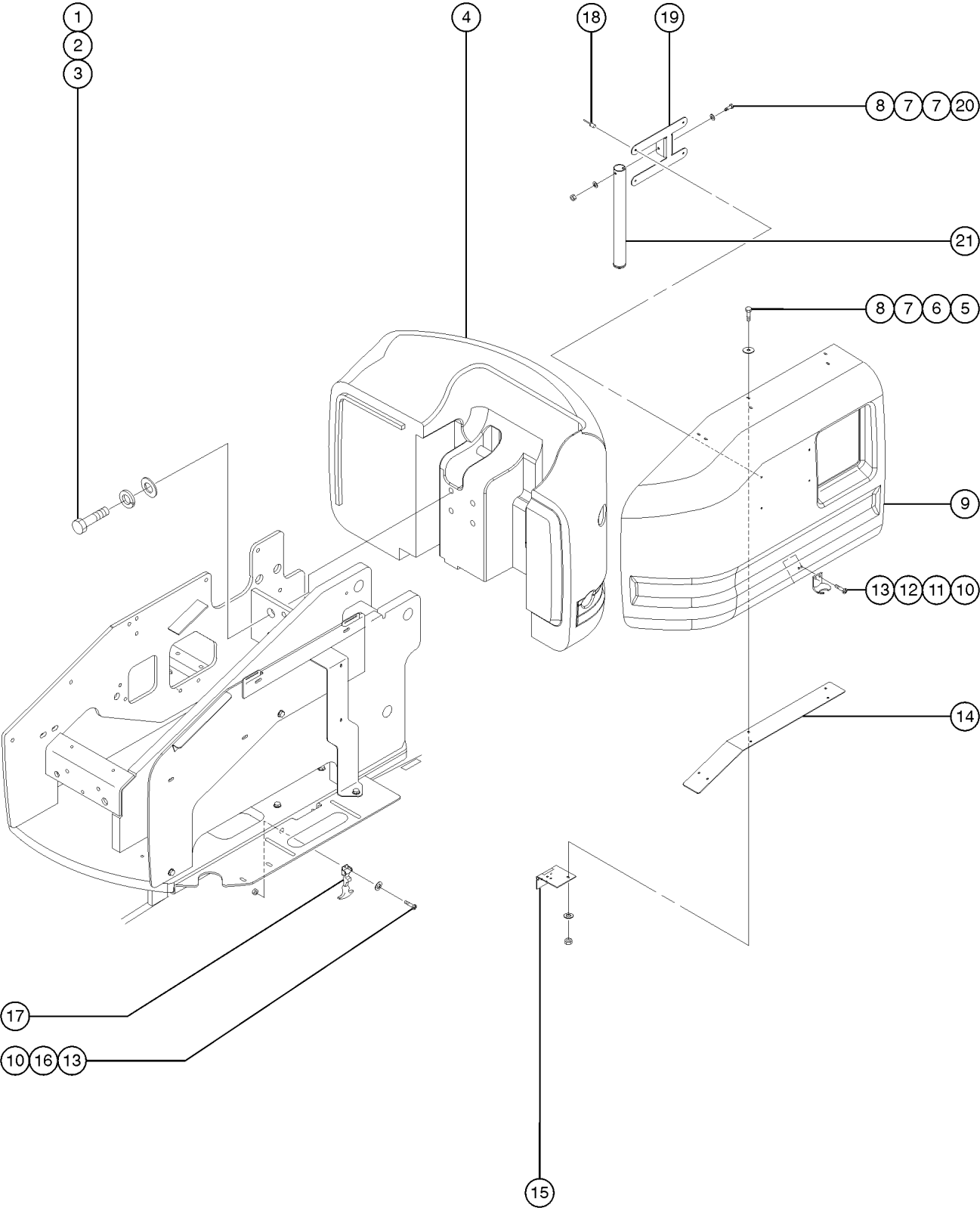
Item	Part No.	Description	Qty.
1	106069GT	STRUT,GAS,200 LB***	2
1-	33555GT	BALL STUD**	
2	27114GT	BALL STUD,1/2" BALL,3/8-16X1.2	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	6178GT	NUT, NYLOCK, 10-32	
6	6146GT	WASHER,FLAT,MS,#10,Y	
7	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
8	50990-SGT	FORMING,ENG.COVER SUPPORT,PNTD	1
9	75073GT	HINGE,.375X.120THK.,SLOTTED	2
10	6091GT	NUT,NYLOCK,1/4-20	
11	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
12	8915GT	SCREW, HHC, 1/4-20 X 1.25	
13	6888GT	SCREW, HHC, 1/4-20 X 1	
14	5397GT	WASHER, FLAT, USS, 5/16-18	
15	8516GT	SCREW, HCC, 3/8-16 X 1.50	
16	54363GT	BRACKET,RUBBER BUMPER,ENGCOVER	2
17	50974GT	BUMPER,RUBBER,COVERS	2
18	45363GT	LATCH,FLEXIBLE	2
18	75076GT	KEEPER,LATCH (45363)	2
19	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
20	107594GT	FORMING,GAS STRUT MOUNT,PNTD**	1
21	50790GT	PLATE,COVER LATCH BACKING	2
22	60126-SGT	COVER PLATE,AIR INTAKE,GRAY	1
23	101860GT	COVER ASSY W/WRD DECALS,LH BI	1
		Bi-Energy	
23B	101863GT	COVER ASSY W/SYM DECLS,LH DC	
		Bi-Energy	
23C	101861GT	COVER ASSY W/WRD DECALS,LH DC	
		DC	
23D	101864GT	COVER ASSY W/SYM DECALS,LH	
		DC (to serial number Z452508A-35522)	

307.1 Turntable Covers - View 1



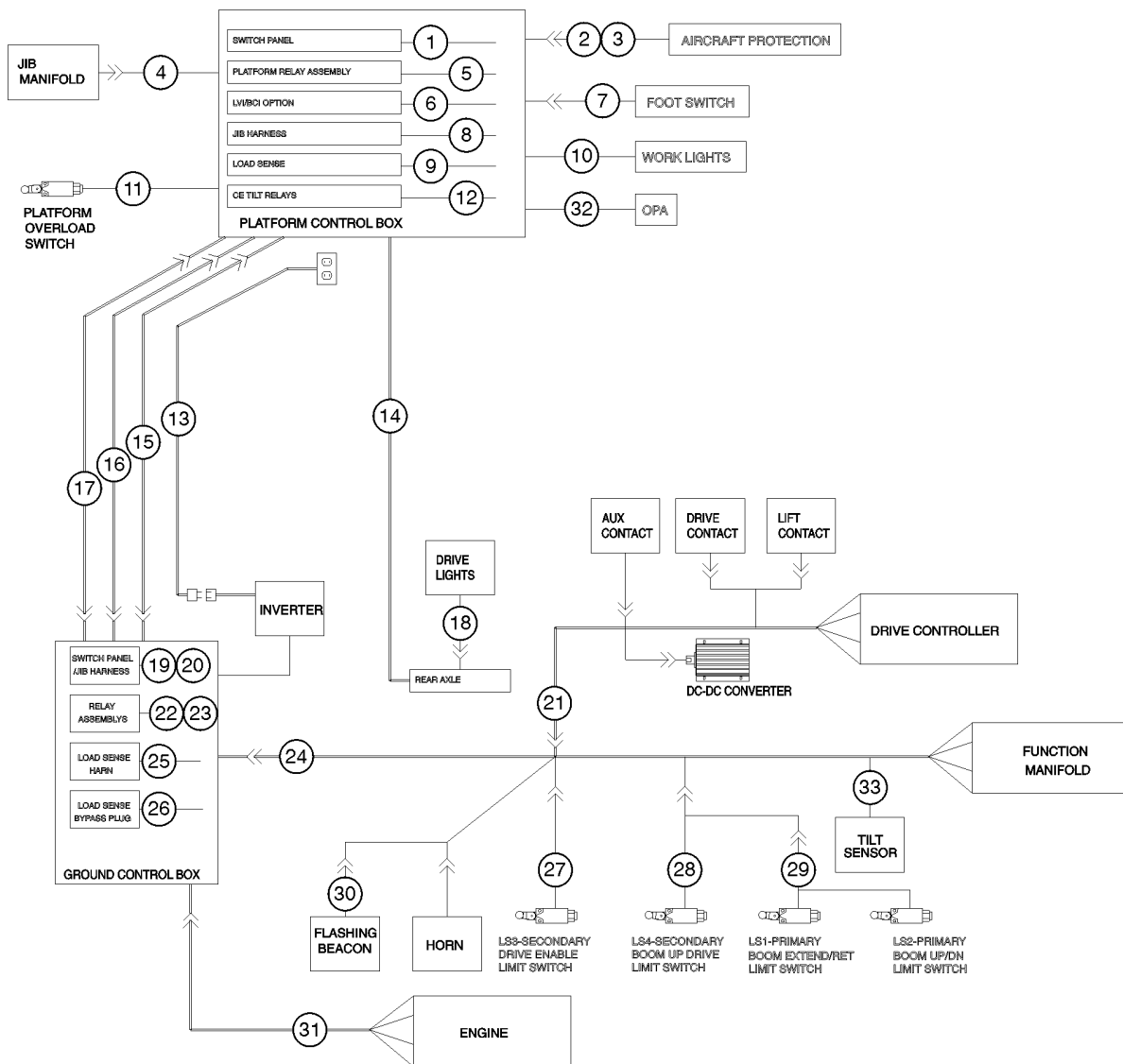
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23E	T115412GT	COVER ASSY W/SYM DECALS,LH DC (from serial number Z452508A-35523)	
23F	60110GT	COVER,TURNTABLE,LH,BI-ENERGY decals not included, refer to section one for decals	
23G	50784GT	COVER,TURNTABLE,LH,DC/BE decals not included, refer to section one for decals	
24	94077GT	SENSOR,LEVEL,4.5 DEG ANSI/CSA/Australia models	1
24B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 CE models	
24B-	6888GT	SCREW, HHC, 1/4-20 X 1	
24B-	6638GT	WASHER, FLAT, USS, 1/4"Y	
24B-	6091GT	NUT,NYLOCK,1/4-20	
25		Ref: Adjustable draw latch refer to 301.1	

308.1 Turntable Covers - View 2



Item	Part No.	Description	Qty.
1	42078GT	SCREW,HHC,1-8 X 3 GRD.5	4
2	29605GT	WASHER,LOCK,1"	
3	38859GT	WASHER,FLAT,USS,1",Y	
4B	60145GT	COUNTERWEIGHT,CAST,DC/BI,W/JIB (Z-45/25J)	1
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	6091GT	NUT,NYLOCK,1/4-20	
9	101858GT	COVER ASSY W/WRD DECALS,RH BI Bi-Energy	1
9A-	77034PGT	FORMING,CLEVIS PROP ROD,DC/BI	
9A-	77524GT	TUBE,PROP ROD,18.63",W/CAP	
9B	101859GT	COVER ASSY W/WRD DECALS,RH DC DC	
9C	101862GT	COVER ASSY W/SYM DECLS,RH BIDC Bi-Energy and DC	
9D	77032GT	COVER,TANK SIDE,DC/BI	1
10	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
11	75076GT	KEEPER,LATCH (45363)	2
12	50790GT	PLATE,COVER LATCH BACKING	2
13	6178GT	NUT, NYLOCK, 10-32	
14	139417PGT	DOUBLER,BENT,COVER,DC/BI,RH	1
15	75073GT	HINGE,.375X.120THK.,SLOTTED	2
16	6146GT	WASHER,FLAT,MS,#10,Y	
17	45363GT	LATCH,FLEXIBLE	2
18	7265GT	RIVET,STEEL,P, .25 X .375	4
19	77034PGT	FORMING,CLEVIS PROP ROD,DC/BI	1
20	8179GT	SCREW,HHC,1/4-20 X 2.25	
21	54455PGT	TUBE,PROP ROD,12.25"LG,DC/BI	1

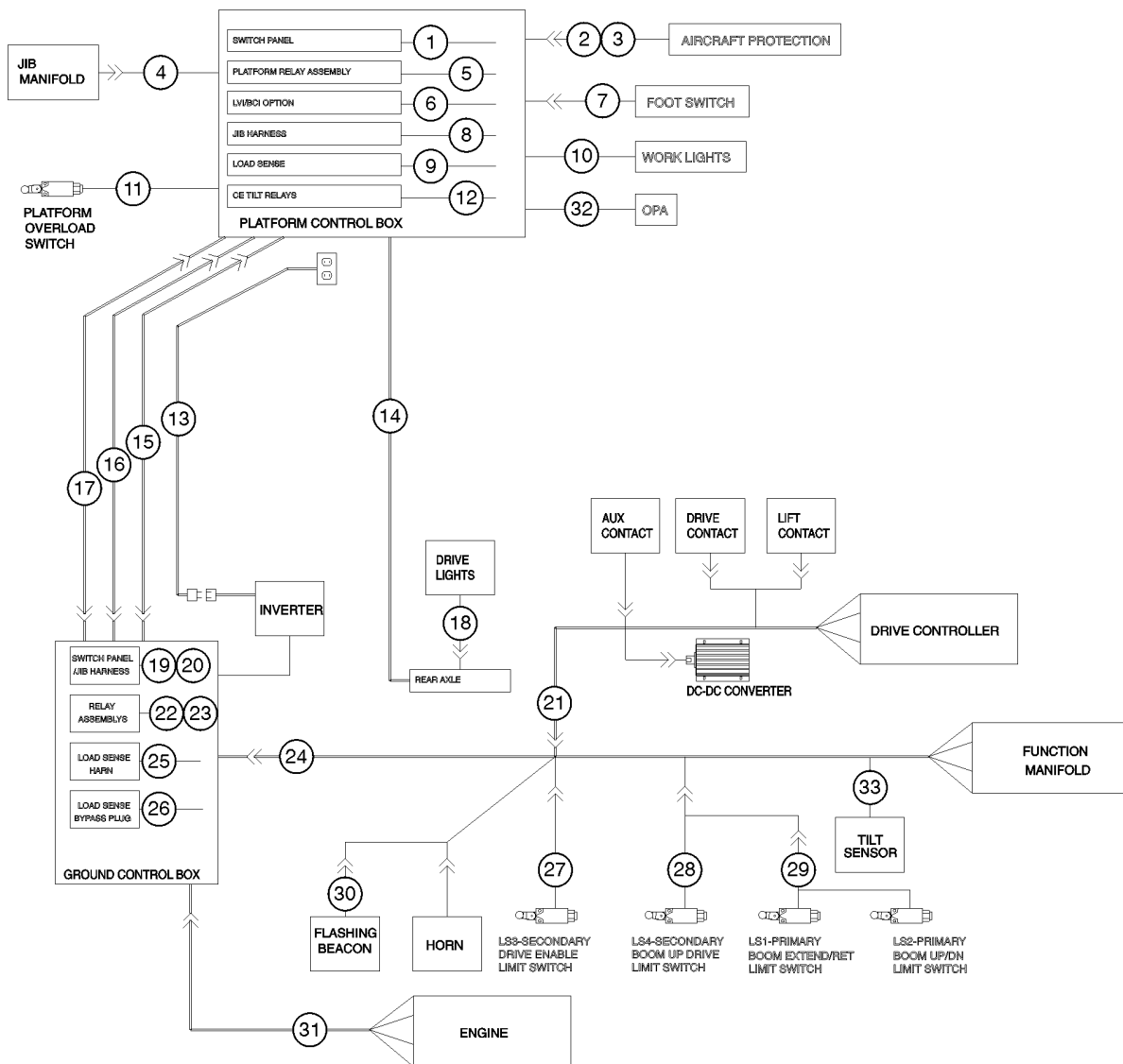
309.1 Wire Harness Diagram



309.1 Wire Harness Diagram

Item	Part No.	Description	Qty.
A	1264822GT	KIT, TRC RETROFIT, STNDRD Telematics (includes 1264834)	
A-	1264834GT	INSTRN, TRC RETROFIT, STNDRD	
1	1262220GT	HARNESS, PBOX, Z45DC/BE	1
2	1266606GT	HARN, AC PROTECTION BYPASS option, aircraft protection	1
3	110657GT	HARNESS, PROX. KILL, 24V option, aircraft protection	1
3-	27391GT	PROXIMITY SENSOR***	
3-	78098GT	RELAY, 24VDC, 40/30A, SLD W/BRKT*	
4	101080GT	HARNESS, JIB SELECT MANIFOLD	1
5	1261221GT	HARN, RELAY Z45DC/BE, PBOX	1
6	128941GT	HARNESS LVI/BCI ENGAGE II to SN Z4525D-2814	1
6B	1296496GT	HARNESS, BCI ENGAGE, CN from SN Z4525D-2815	1
7		REF: Foot Switch refer to 601.1	1
8		HARNESS, PLATFORM, Z45DC, BI, JIB to SN Z4525D-1654 (no longer available)	1
8B	1284282GT	HARNESS, PLAT, Z45DC/BI, JIB from SN Z4525D-1655	1
8B-	56445GT	DIODE, 6 AMP 200 PIV, REEL	
9	216769GT	HARNESS, JUMPER, LOAD SENSE	1
10	823774GT	HARNESS, 48V DRIVE LIGHTS option	1
11	121848GT	ASSY, LS, LOAD SENSE, 38.5 IN	1
12	1262223GT	HARNESS, RELAY, PBOX, Z45DC, CE CE models	1
12B	1296322GT	DECAL, COSM, WESTERN STATE, GS2032 AUS models	1
13	30794GT	WIRE, 12/3 SJEOW, BK-WH-GR/YL jib models	732
14	823774GT	HARNESS, 48V DRIVE LIGHTS option	1
15	88723-69700GT	HARNESS, 12/3, 12V TO PLAT jib models	1
16	88722-70700GT	HARNESS, 18/19, BOOM CABLE #2 jib models	1
17	88721-70700GT	HARNESS, 18/19 BOOM CABLE #1 jib models	1
18	823774GT	HARNESS, 48V DRIVE LIGHTS option	1
19	1259323GT	HARNESS, BASE BOX Z45BI-ENERGY models	1
19B	1259322GT	HARNESS, BASE BOX Z45DC models	

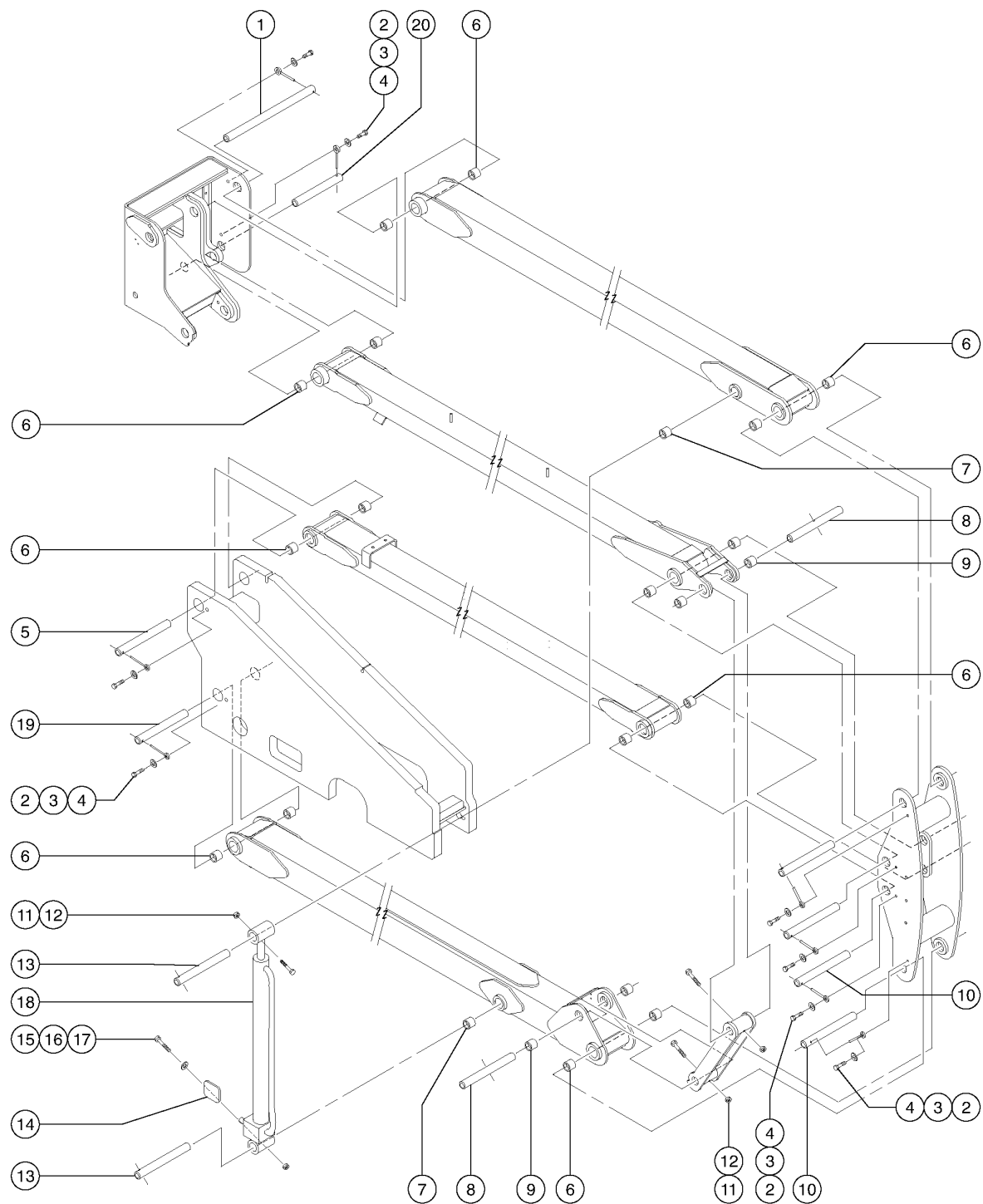
309.1 Wire Harness Diagram



309.1 Wire Harness Diagram

Item	Part No.	Description	Qty.
20	1262512GT	HARNESS, JIB, BASE BOX jib models	1
21	822777GT	HARNESS, DRIVE CHASSIS, Z45DC DC models	1
21B	822778GT	HARNESS, DRIVE CHASSIS, Z45BE Bi-Energy models	1
22	1259639GT	HARN,GBOX Z45DC/BE RELAY ASSY DC models	1
23	1261899GT	HARNESS,Z45DC,TELEMATICS READY DC models	1
23B	1261900GT	HARNESS,Z45BE,TELEMATICS READY Bi-Energy models	1
24	128812GT	HARN FUNCTION MAN Z45DC/BE DC models	1
25	1260173GT	HARNESS ASSY, RELAY, CE CE models	1
25B	1296202GT	HARNESS,ASSY,RELAY,AUS,Z45DC AUS models	1
26	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING AUS models	1
27	128816GT	HARN LIMIT SW DE Z45DC/BE AUS models	1
28	88724GT	HARNESS,LS,PRIM/EXT/SEC AUS models	1
29	88725GT	HARNESS,LS,PRIM/EXT AUS models	1
30		REF: Flashing Beacon refer to 901.1	1
31	139368GT	HARNESS,ENGINE,Z45BE Bi-Energy models	1
32	1255858GT	HARN,PBOX,OPA,HW,24V option	1
32B	1255030GT	PLUG,BLANKING option	1
33	1261845GT	HARNESS,TILT 24V,CSA PROD option	1

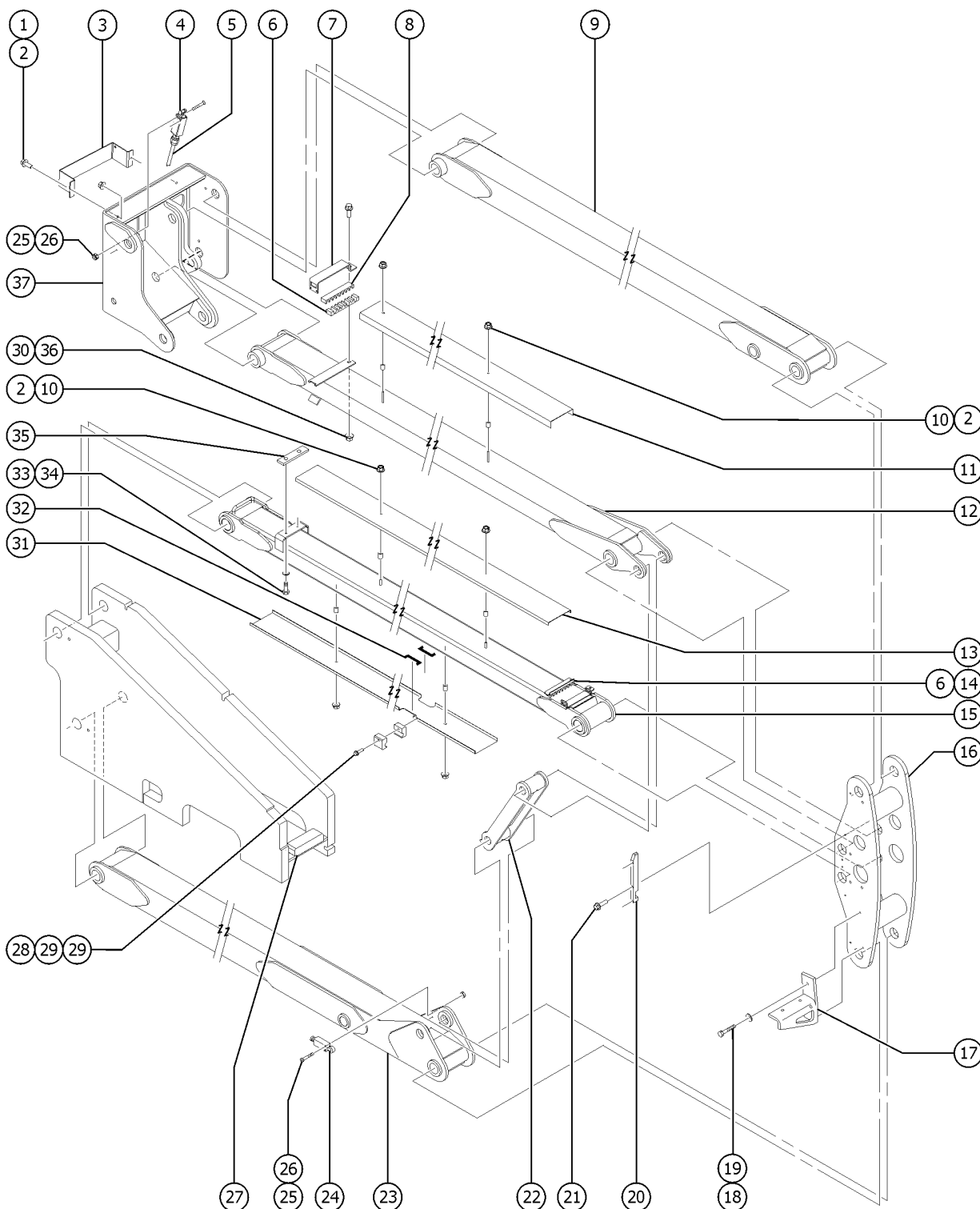
401.1 Boom Pins and Bearings



401.1 Boom Pins and Bearings

Item	Part No.	Description	Qty.
1	88676GT	PIN,2.00DIA X 24.00LG,CHAMFER***	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	1256267GT	ROD END,.5 X 3.75,ZAG	
5	107859GT	PIN,2.00DIA X 12.88LG,CHAMFER*** (replaced 107589)	1
6	18720GT	BEARING,2.0ID X 2.25OD X 1.50L	16
7	45071GT	BEARING,1.5ID X 1.75OD X 1.5L	2
8	107727GT	PIN,1.50DIA X 7.50LG,1HOLE***	2
9	54156GT	BEARING,FL,1.5ID X 1.75OD X 1.10LG	4
9B	1258159GT	KIT, BOOM BEARING jib models from SN Z452511B-1727 to Z452513B-2766	1
10	107588GT	PIN,2.00DIA X 10.88LG,CHAMFER	4
11	4828GT	NUT, NYLOCK, 3/8-16	
12	14033GT	SCREW, HHC, 3/8-16 X 2.75	
13	50455GT	PIN,1.50DIA X 13.88LG,2HOLE	2
18	88203GT	CYLINDER,ELEVATE,Z45/25***	2
18-	77521GT	SEAL KIT,ELEVATE (88203)	
18-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN	
19	107590GT	PIN,2.00DIA X 12.88LG,CHAMFER***	1
20	107859GT	PIN,2.00DIA X 12.88LG,CHAMFER*** (replaced 107589)	1

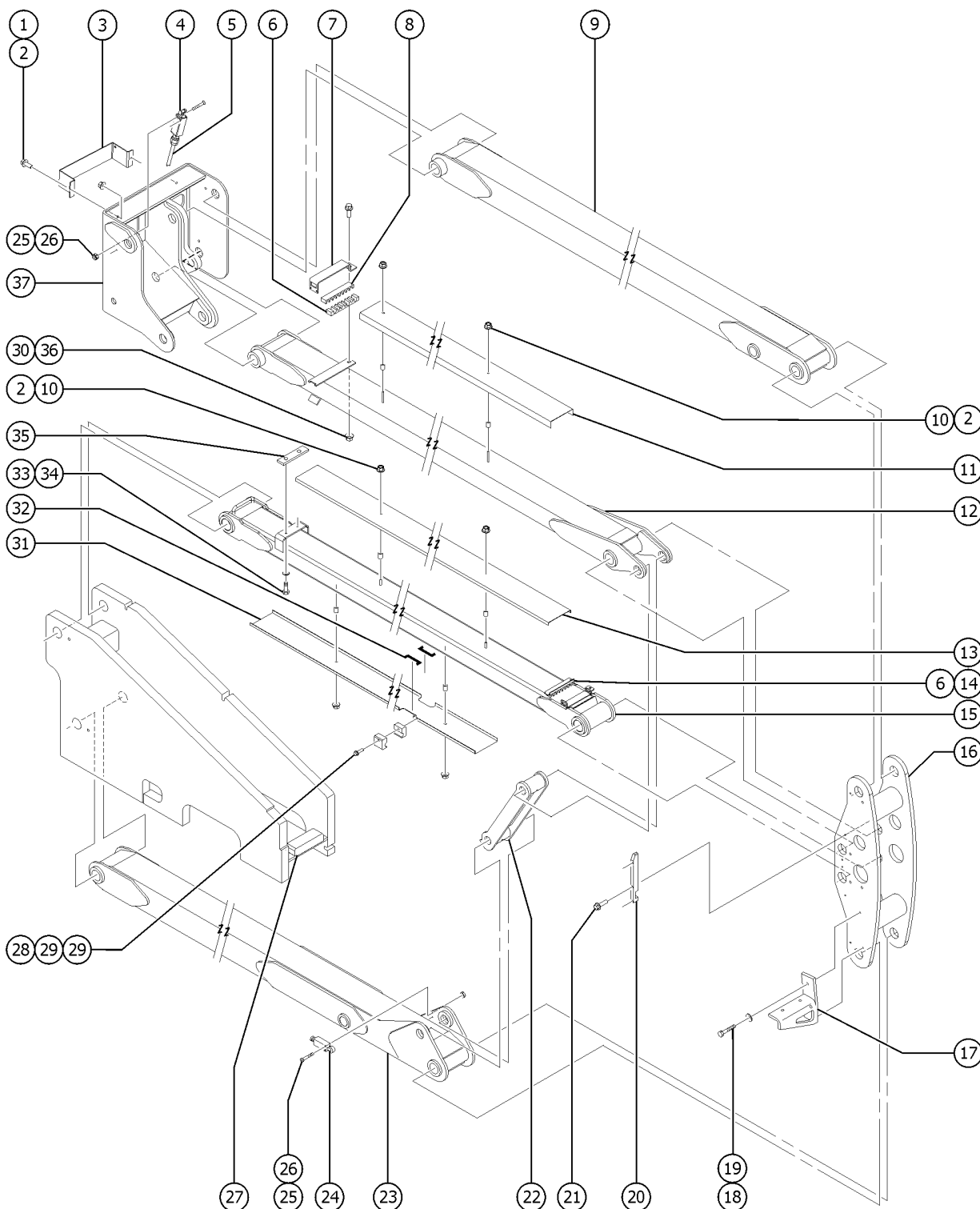
402.1 Secondary Linkage



402.1 Secondary Linkage

Item	Part No.	Description	Qty.
1	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	2
2	1274322GT	NUT, NYLOCK FLG, 3/8-16, F, ZAG	11
3	237688GT	COVER, UPPER PIVOT	1
4	88356-11163GT	SWITCH, LIMIT, W/RLLR ARM, NO/NC*	1
4-	106427GT	LS ROT. HEAD W/O LEVER (ZCE01)	
4-	97128GT	ROLLER ARM, LIMIT SWITCH***	
5	43960GT	WIRE CABLE, 16/4 CON. TPE JKT	
6	94529GT	CLAMPING BLOCK, HOSE***	2
7	94531PGT	BRACKET, HOSE CLAMP PAINTED***	1
8	128998GT	CLAMPING BLOCK, CABLE, Z45/51	1
9	106983GT	WELDMENT, UPPER SECONDARY***	1
10	42941GT	HOSE, 3/8", FUEL, 30R7	1
		cut to 0.75 inch; Qty. 9	in
11	88370PGT	HOSE COVER, UPPER ARM, PAINTED	1
12	106986GT	WELDMENT, UPPER LEVELING ARM***	1
13	50517-SGT	HOSE COVER, LOWER LEVEL, TOP, PAI	1
14	70685PGT	FORMING, HOSE CLAMP, PAINTED	1
15	106974GT	WELDMENT, LOWER LEVELING ARM	1
16	106972GT	WELDMENT, MID PIVOT, MACHINED***	1
		"(decal not included, refer to section 100)"	
17	50952-SGT	BOOM REST WELDMENT	1
		Z-45/25J	
18	10587GT	SCREW, HHC, 1/2-13 X.75	
		Z-45/25	
18B	1256844GT	SCREW, HHC, 1/2-13X1.5, 8, ZAG	
		Z-45/25J	
19	825353GT	WASHER, FLAT, 1/2, SAE, HRD, ZAG	
		Z-45/25J	
20	107881GT	WEAR PAD, MID PIVOT***	2
		Z-45/25	
20B	107881GT	WEAR PAD, MID PIVOT***	1
		Z-45/25J	
21	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG	6
		Z-45/25	
21B	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG	3
		Z-45/25J	
21C	824078GT	SCREW, HHF, 1/4-20X.75, 8, ZAG	3
		Z-45/25J	
22	50479GT	CONNECTING LINK, MACHINED ***	1

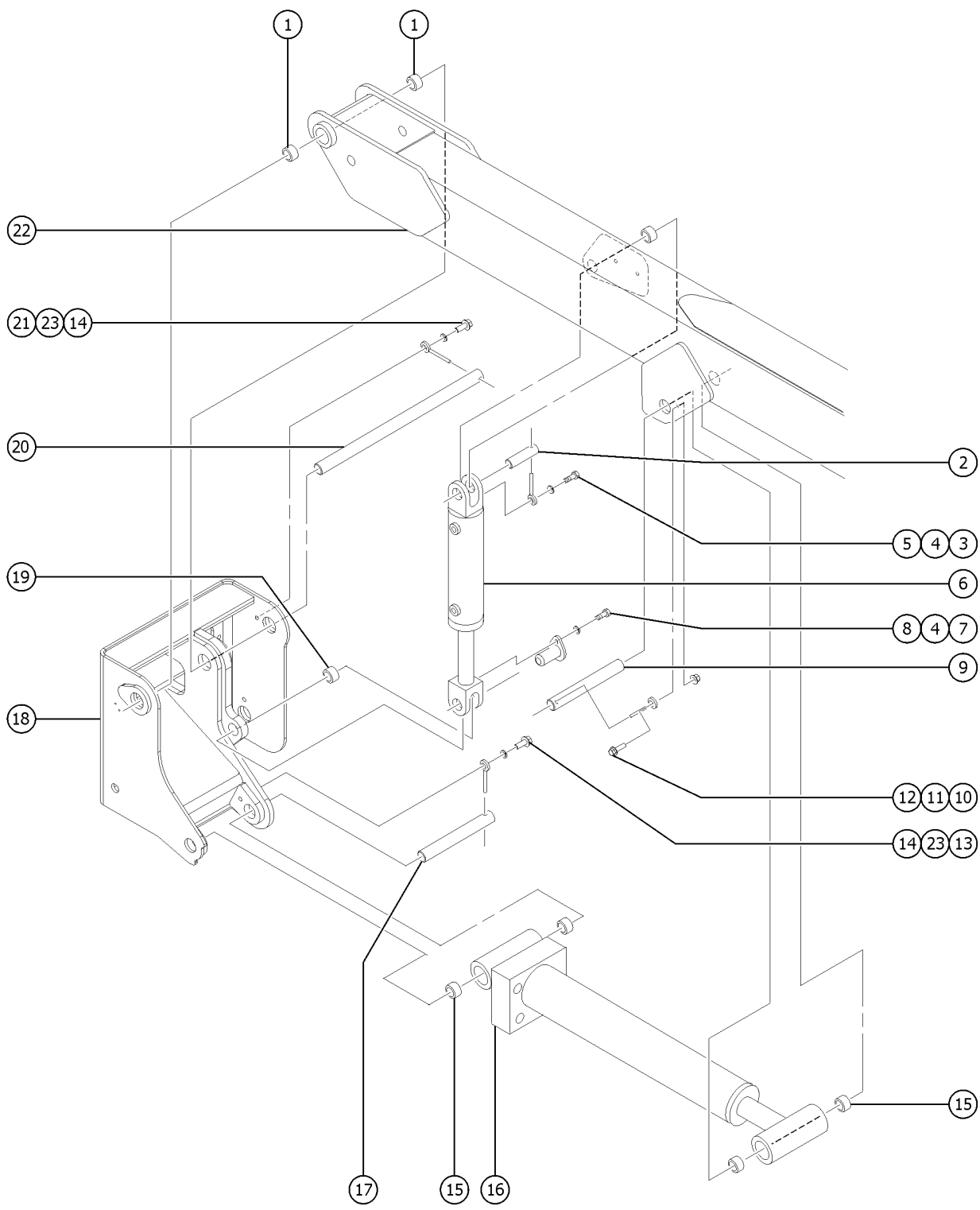
402.1 Secondary Linkage



402.1 Secondary Linkage

Item	Part No.	Description	Qty.
23	106976GT	WELDMENT,LOWER,SECONDARY***	1
24	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
24-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
24-	97128GT	ROLLER ARM,LIMIT SWITCH***	
25	1256177GT	SCREW,PHPM,10-32X1.75,ZAG	4
26	1283005GT	NUT,NYLOCK FLG,10-32,A,ZAG	4
27	56849GT	PAD,REST,1"THICK,W/STUDS*	1
27-	824038GT	NUT, TL JAM, 3/8-16, A, ZAG	2
28	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	2
		to SN Z4525D-2703	
28B	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG	2
		from SN Z4525D-2704	
29	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	2
		to SN Z4525D-2703	
29B	1295211GT	CLAMPING BLOCK, HOSE	4
		from SN Z4525D-2704	
30	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
31	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1
32	1697GT	TRIMLOCK,BLACK,3/16	8
		cut to 4 inches	in ch es
33	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	2
34	824110GT	WASHER, LOCK, 3/8, ZAG	2
35	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	
36	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
37		Ref. Upper Pivot Assembly	2
		(refer to 403.1)	

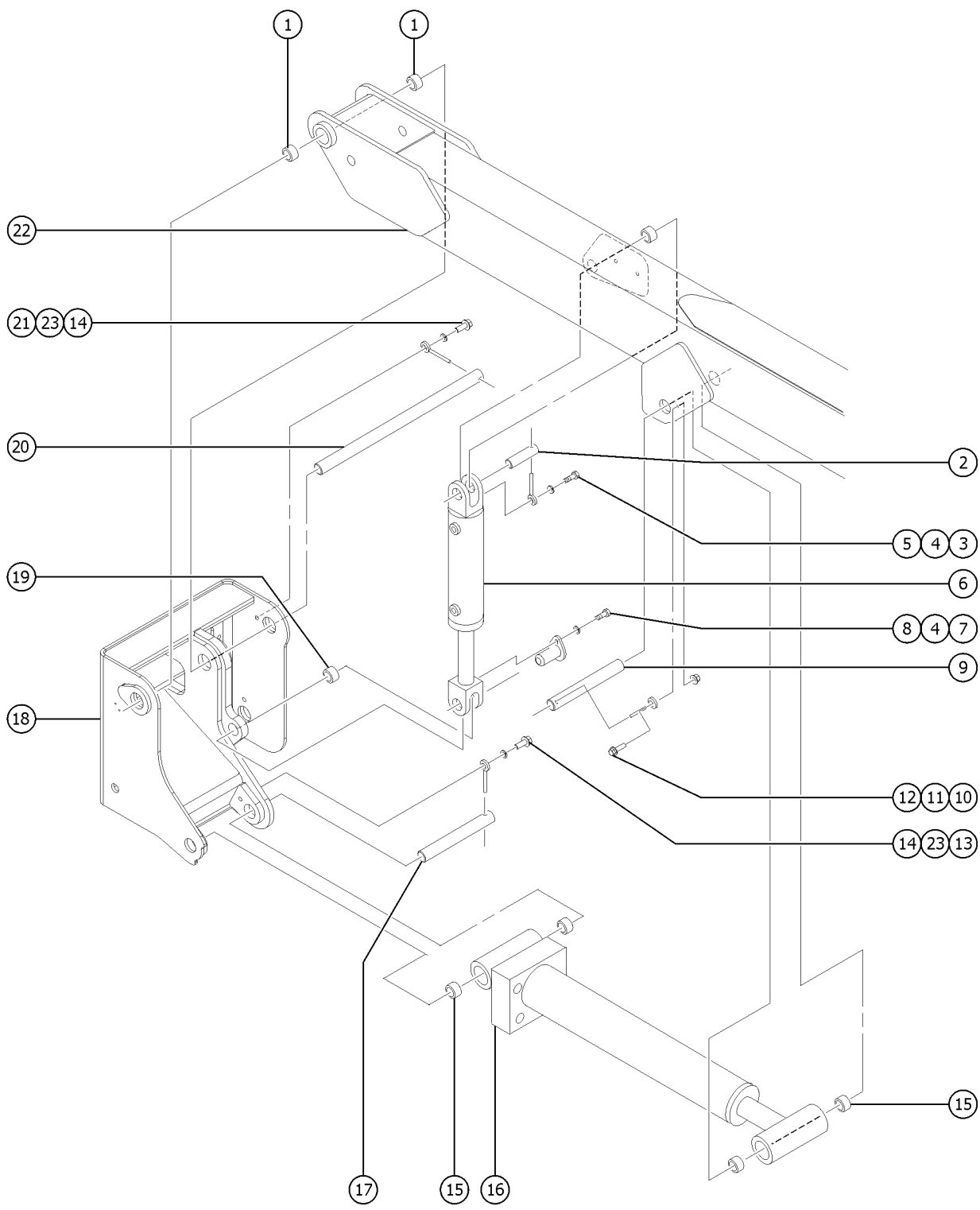
403.1 Upper Pivot



403.1 Upper Pivot

Item	Part No.	Description	Qty.
1	18720GT	BEARING,2.0IDX2.25ODX1.50L	2
2	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
3	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	
4	824110GT	WASHER, LOCK, 3/8, ZAG	
5	1255452GT	ROD END,.375 X 2.25,ZAG	1
6	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
6-	77364GT	SEAL KIT, LEVELING CYLINDER	
7	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	
8	70671GT	PIN,1.25 DIA X 3.19 LG, PLATE	1
9	50542GT	PIN,1.75DIAX9.25LG,1HOLE	1
10	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	
11	825019GT	ROD END, .375X3.69, ZAG	1
12	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
13	1256844GT	SCREW,HHC,1/2-13X1.5,8,ZAG	1
14	1256267GT	ROD END,.5 X 3.75,ZAG	2
15	1262633GT	BUSHING,POLYGON,BM5120	4
16	1263056GT	CYLINDER,PRIM LIFT NON JIB,Z45	1
		Z-45/25 (includes item 15)	
16-	77189GT	SEAL KIT,CYL,Z45 (77187&77188)	
16-	77014GT	VALVE,COUNTERBALANCE,3800 PSI	
16B	1263057GT	CYLINDER,PRIM LIFT JIB,Z45	1
16B-	77014GT	VALVE,COUNTERBALANCE,3800 PSI	
		for 1263057	
17	70534GT	PIN,1.75DIAX11.88LG,CHAMFER	1
18	70589GT	UPPER PIVOT,MACHINING***	1
18-	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
19	30370GT	BEARING,1.25IDX1.5ODX1.00L	1
20	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
21	1256844GT	SCREW,HHC,1/2-13X1.5,8,ZAG	
22		Ref. Primary and Extension Booms	
		(refer to 404.1)	

403.1 Upper Pivot

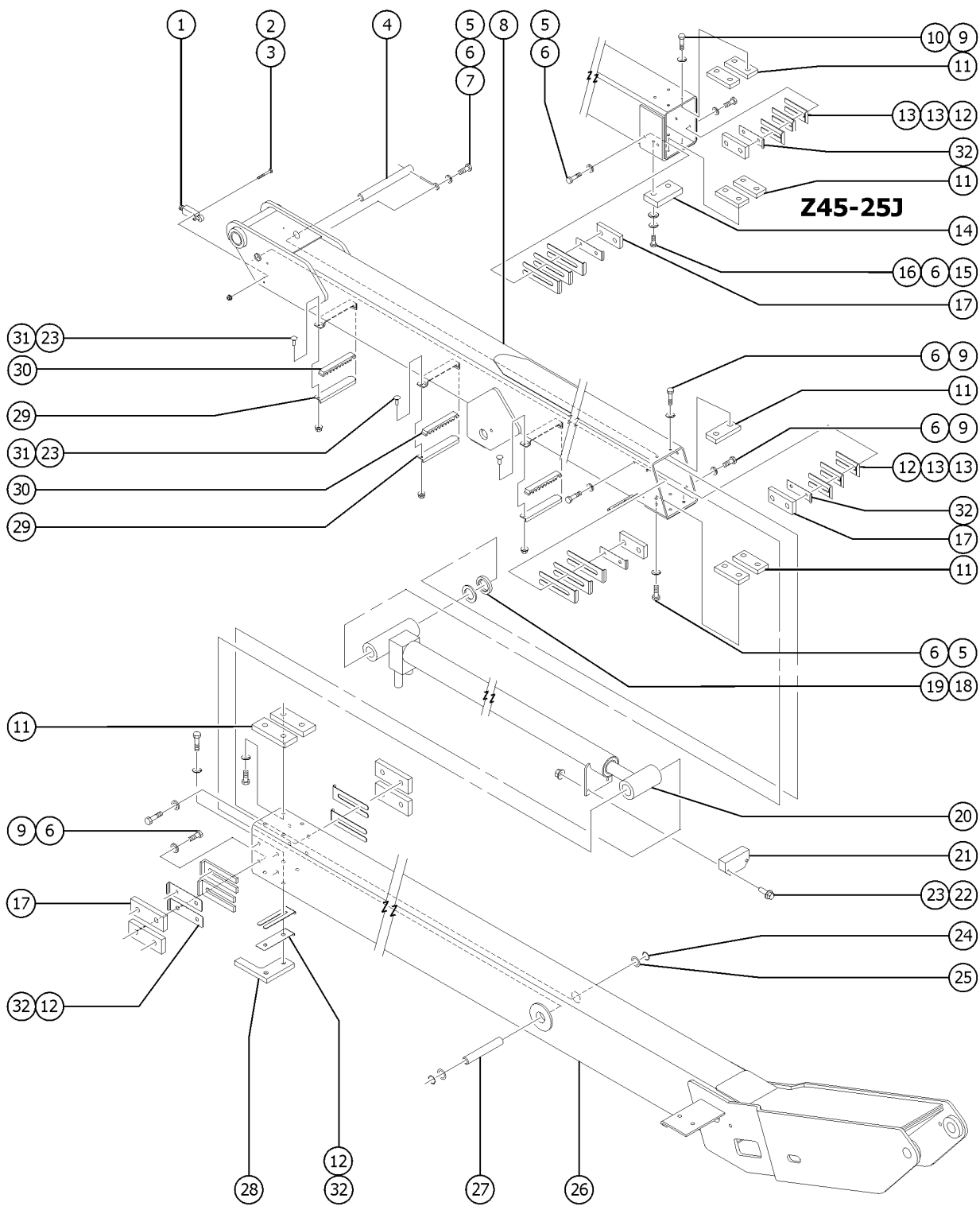


403.1 Upper Pivot

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23	824111GT	WASHER,LOCK,1/2,ZAG	2



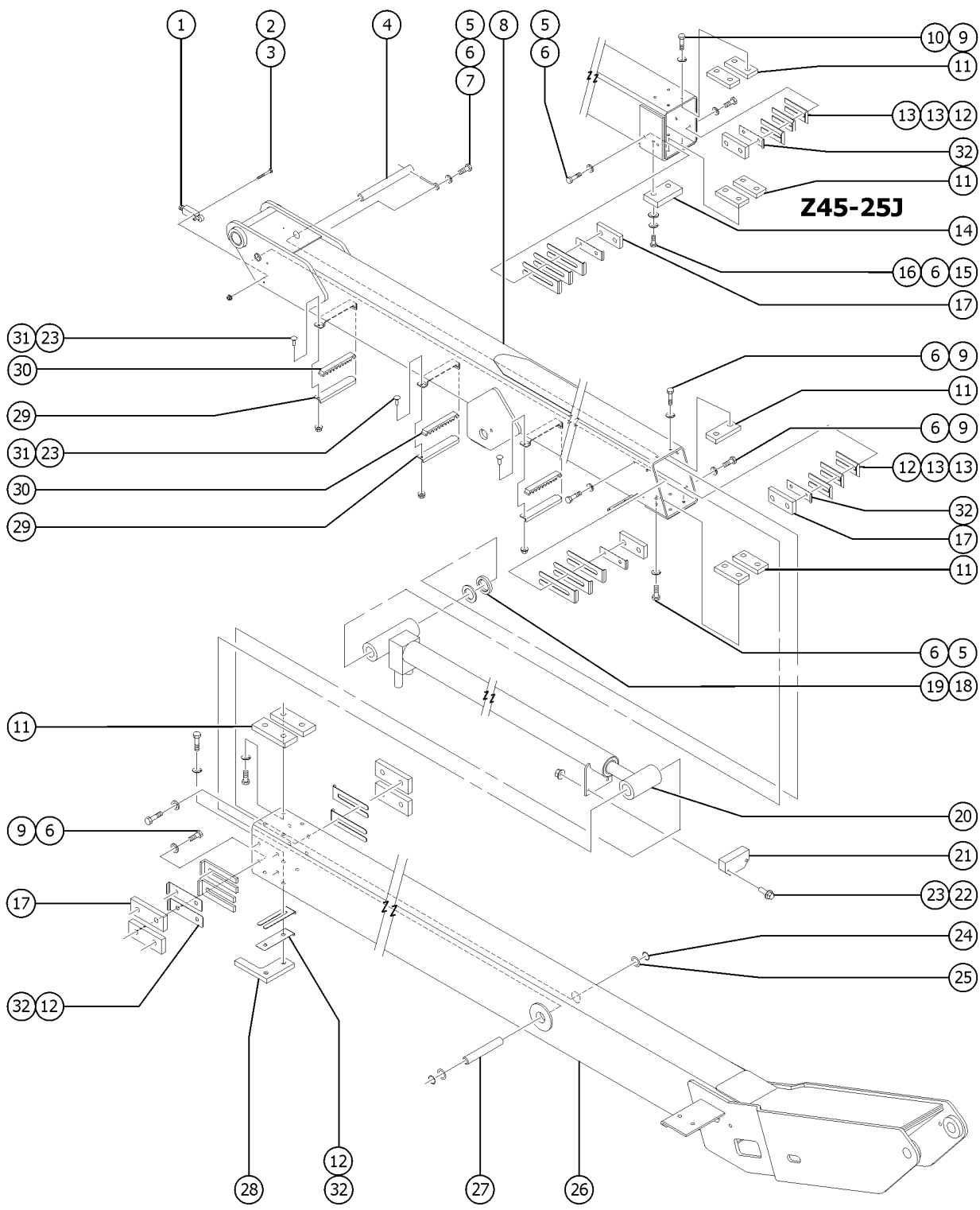
404.1 Primary and Extension Booms



404.1 Primary and Extension Booms

Item	Part No.	Description	Qty.
A-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	129 in ch es
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2	1256922GT	SCREW,PHPM,10-32X2.25,ZAG	2
		Z-45/25	
2B	1265481GT	SCREW,PHPM,10-32X2,ZAG	2
		Z-45/25J	
3	1264261GT	NUT,SERRATED,10-32,ZAG	2
4	50584GT	PIN,1.25DIA X 9.38LG,THREADED	1
5	824068GT	SCREW, HHC, 3/8-16 X 1.25, 8, ZAG	5
		Z-45/25	
5B	824068GT	SCREW, HHC, 3/8-16 X 1.25, 8, ZAG	11
		Z-45/25J	
6	824110GT	WASHER, LOCK, 3/8, ZAG	29
		Z-45/25	
6B	824110GT	WASHER, LOCK, 3/8, ZAG	27
		Z-45/25J	
7	825019GT	ROD END, .375X3.69, ZAG	1
8	128603GTSB	WELDMENT, PRIMARY BOOM, Z45NJ, SUNBELT	1
		Z-45/25	
8B	128301GT	WELDMENT,PRIMARY BOOM,Z45 JIB	1
		Z-45/25J	
9	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	24
		Z-45/25	
9B	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	18
		Z-45/25J	
10	824113GT	WASHER,FLAT,USS,1/4,ZAG	4
		Z-45/25J only	
11	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	5
		Z-45/25	
11B	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	6
		Z-45/25J	
12	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	9
13	42502GT	SHIM,SIDE PAD 22GA.	8
14	54157GT	WEAR PAD,PRIMARY BOOM,JIB 5.5X3X1	1
		Z-45/25J only	
15	1256847GT	SCREW,HHC,3/8-16X1.75,8,ZAG	2
		Z-45/25J only	
16	825358GT	WASHER,FLAT,5/16,USS,ZAG	2
		Z-45/25J only	
17	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
18	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1
19	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1

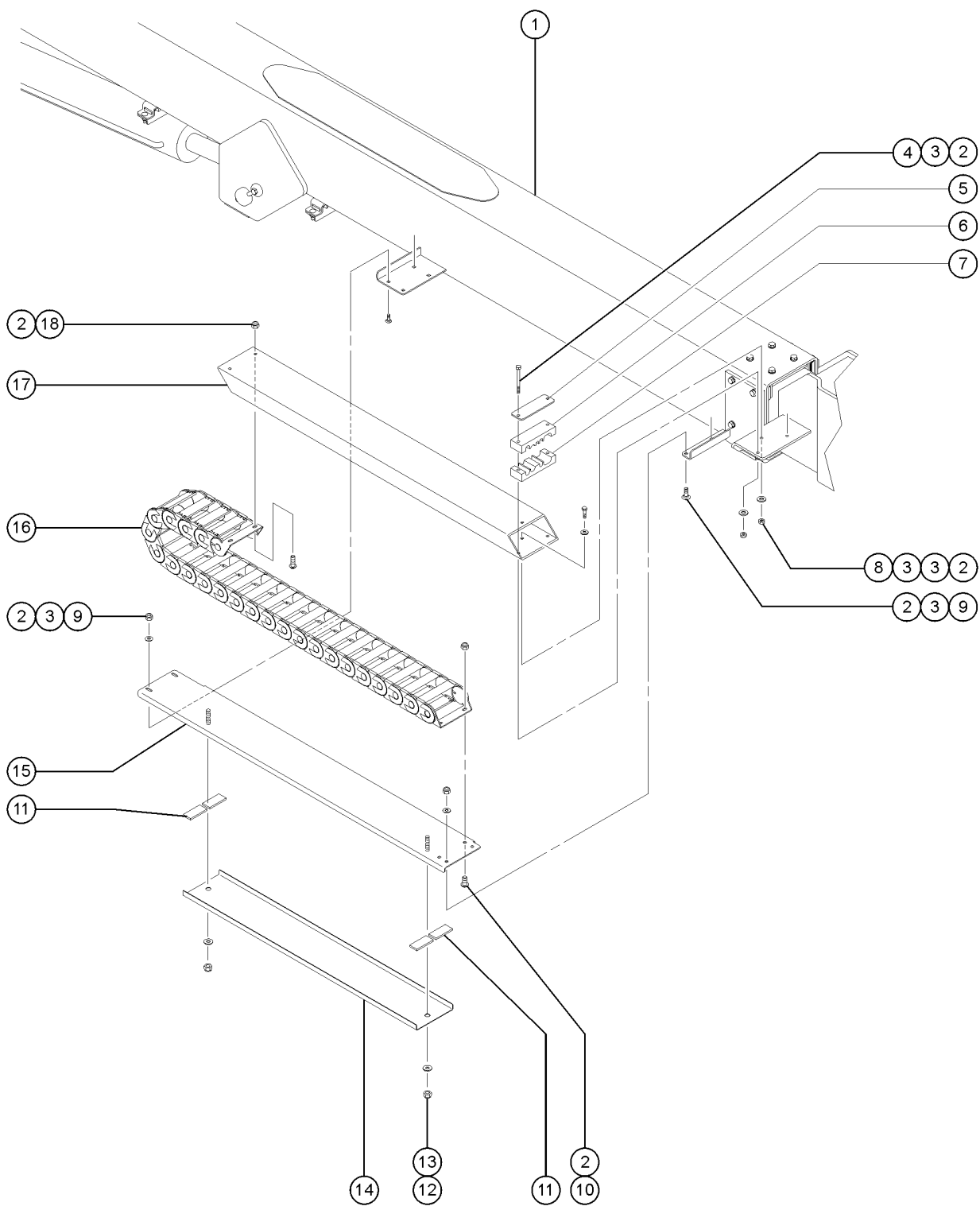
404.1 Primary and Extension Booms



404.1 Primary and Extension Booms

Item	Part No.	Description	Qty.
20	54570GT	CYLINDER,EXTEND,Z45 NON JIB Z-45/25	1
20A-	54063GT	VALVE,CB.CBBC-LHN@1000***	
20A-	65788GT	SEAL KIT CYL Z45 (54570)	
20A-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
20B	54569GT	CYLINDER,EXTEND,Z45J*** Z-45/25J	1
20B-	54063GT	VALVE,CB.CBBC-LHN@1000***	
20B-	65790GT	SEAL KIT CYL.Z45(54569)	
20B-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
21	50698GT	WEAR PAD,EXTENSION CYLINDER	1
22	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG Z-45/25	2
22B	824063GT	SCREW,HHC,1/4-20X1.75,8,ZAG Z-45/25J	2
23	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	5
24	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	2
25	824151GT	WASHER,SHIM,1.270X2.130X.062,Z	
26	128605GT	WELDMENT, EXT. BOOM,Z45 NJ Z-45/25	1
26B	128304GT	WELDMENT,EXT. BOOM,Z45 JIB Z-45/25J	1
27	50546GT	PIN,1.25DIAX6.36LG,2RING	1
28	50552GT	WEAR PAD,EXTENSION BOOM	1
29	128995GT	FORMING, HOSE CLAMP RETAINER	3
30	128601GT	CLAMP, PRI, HOSE/CABLE, Z45/51	3
31	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG Z-45/25	3
31B	1256127GT	BOLT,CARRIAGE,1/4-20X1",GR 5,ZAG Z-45/25J	3
32	1287821GT	SHIM,WEAR PAD,5X 1.5,14GA,HOLE	5

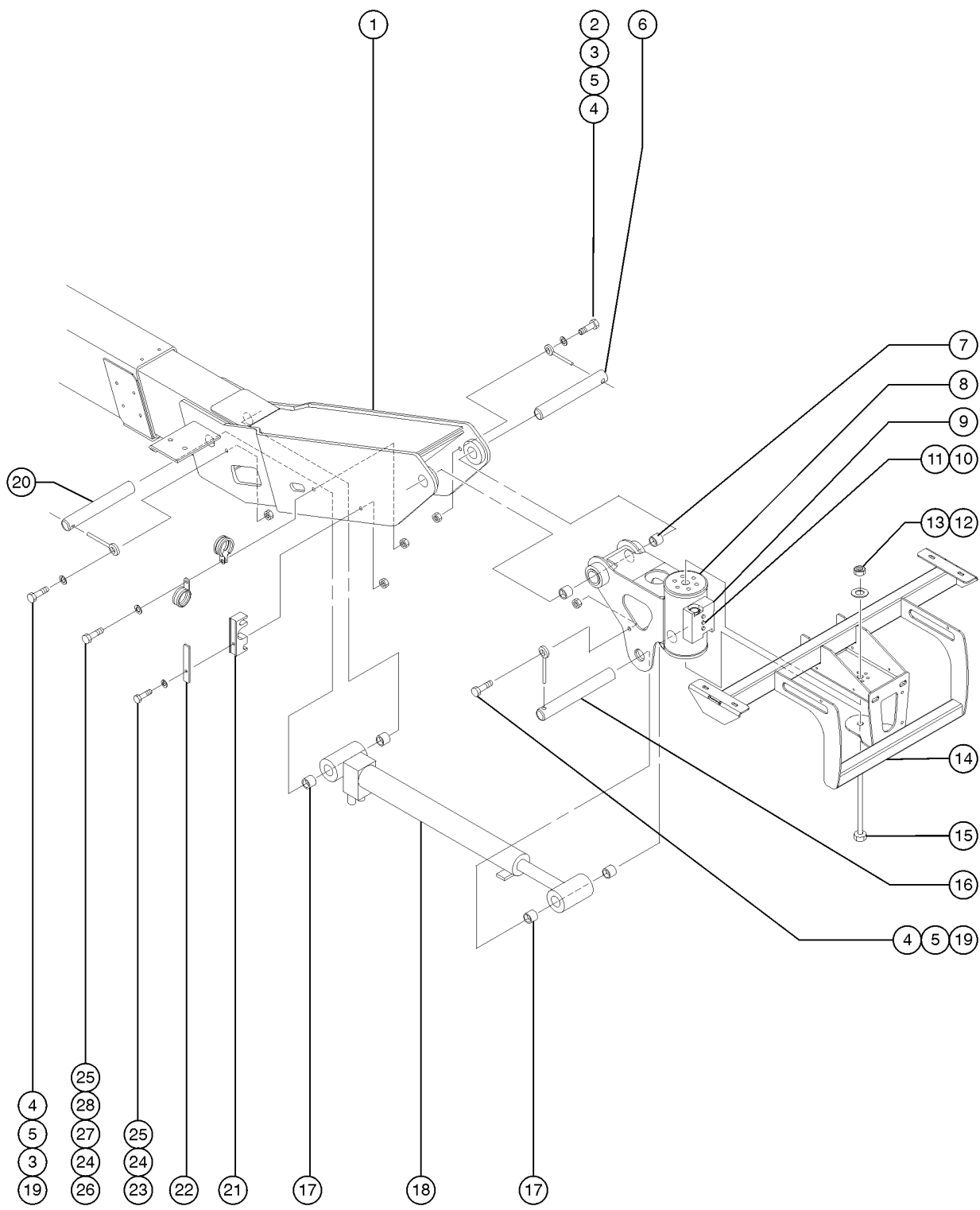
405.1 Cable Track



405.1 Cable Track

Item	Part No.	Description	Qty.
1		PRIMARY BOOM ASSY refer to section 504	
2	6091GT	NUT,NYLOCK,1/4-20	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	12343GT	SCREW,HHC,1/4-20 X 3	
5	128862GT	BACKING PLATE, PULLTUBE	1
6	128310GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
7	128311GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
10	12011GT	SCREW,BHHS,1/4-20 X .5,Y/ZINC	
11	54271GT	SPACER,HOSE CLAMP,RUBBER	4
12	4828GT	NUT, NYLOCK, 3/8-16	
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14B	128308GT	COVER,CABLETRACK TRAY,Z40/45 Z-45/25J	1
15B	139781GT	WELDMENT, CABLETRACK TRAY Z-45/25J	1
16C	50452GT	CABLE TRACK,PLASTIC,35 LINK Z-45/25J to SN Z452509A-38978	
16C-	58919GT	REPAIR LINK,7 LINKS*** for 50452	
16C-	58927GT	LINK,NYLATRAC KS6-5.4*** for 50452	
16C-	58920GT	REPAIR LINK END SET (42763)* for 50452	
16D	139702GT	CABLE TRACK, NP400, 23 LINK Z-45/25J from SN Z452509A-38979	1
16D-	111052GT	REPAIR LINK,NP400-7*** for 139702	
16D-	111051GT	REPAIR LINK,7 LINKS NP400-7*** for 139702	
16D-	111053GT	REPAIR END BRKT SET,NP400-7*** for 139702	
17B	128309GT	TUBE, CABLETRACK ARM, Z40/45 Z-45/25J	1
18	14297GT	SCREW,BHHS,1/4-20 X .75	

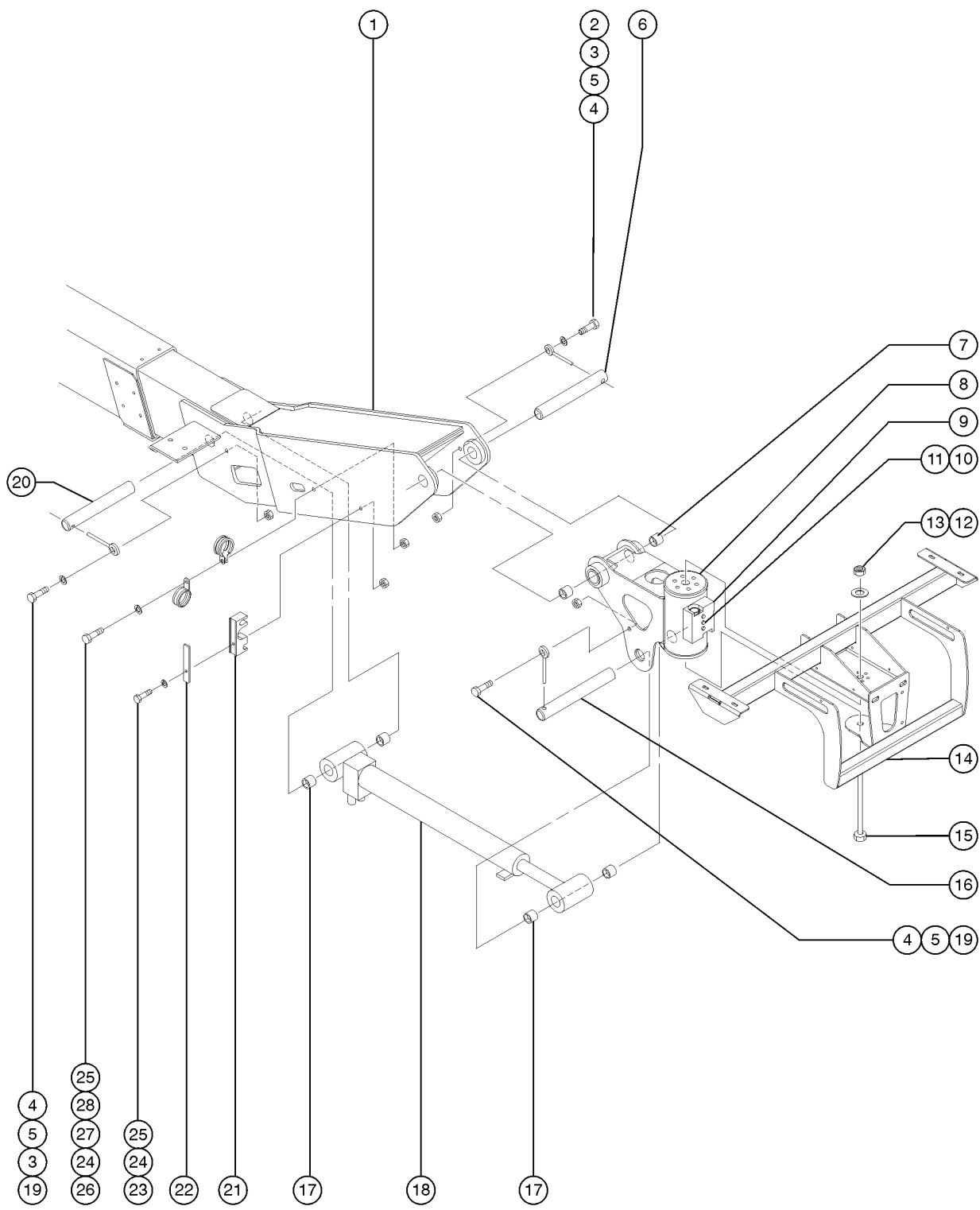
406.1 Non-Jib Platform Leveling and Rotation (Z-45/25)



406.1 Non-Jib Platform Leveling and Rotation (Z-45/25)

Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	129 in ch es
1		Ref. Primary Boom Tube Assembly	
		(refer to 504.1)	
2	8516GT	SCREW, HCC, 3/8-16 X 1.50	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	7713GT	NUT, LP NYLOCK, 3/8-16	
5	825019GT	ROD END, .375X3.69, ZAG	
6	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
7	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	2
8	233716GT	ROTATOR,PLAT,Z45	1
		includes item 7; non-jib units	
8-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR	
		for 233716	
8-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR*	
		for 94402	
9	73807GT	MANIFOLD,ROTATOR,CB***	1
10	6145GT	SCREW, HHC, 1/4-20 X 1.5	
11	6356GT	WASHER, LOCK, .25	
12	77051GT	NUT,NYLOCK,3/4-10,GRD.8	1
13	33278GT	WASHER, FLAT, .75 HARDENED	1
14	54520-SGT	WELDMNT,PLATFRM SUPPORT,NJIB**	1
		non-jib models	
15	56925GT	SCREW,HHC,3/4-10 X 9.5 GR 8 YE	1
16	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
17	25683GT	BEARING,POLYGON,20DU12	4
18	77363GT	CYLINDER,LEVELING,BELLCRANK,Z-45	1
		includes item 17	
18-	77364GT	SEAL KIT, LEVELING CYLINDER	
18-	54065GT	VALVE,COUNTERBALANCE,3500***	
19	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
20	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1
21	106526GT	CLAMP,HOSE ROUTE,2X#4,LOOM	1
		(to SN 39070)	
21B	139687GT	CLAMP, #4 HOSE, AIR AND LOOM	
		(from SN 39071) (shown)	

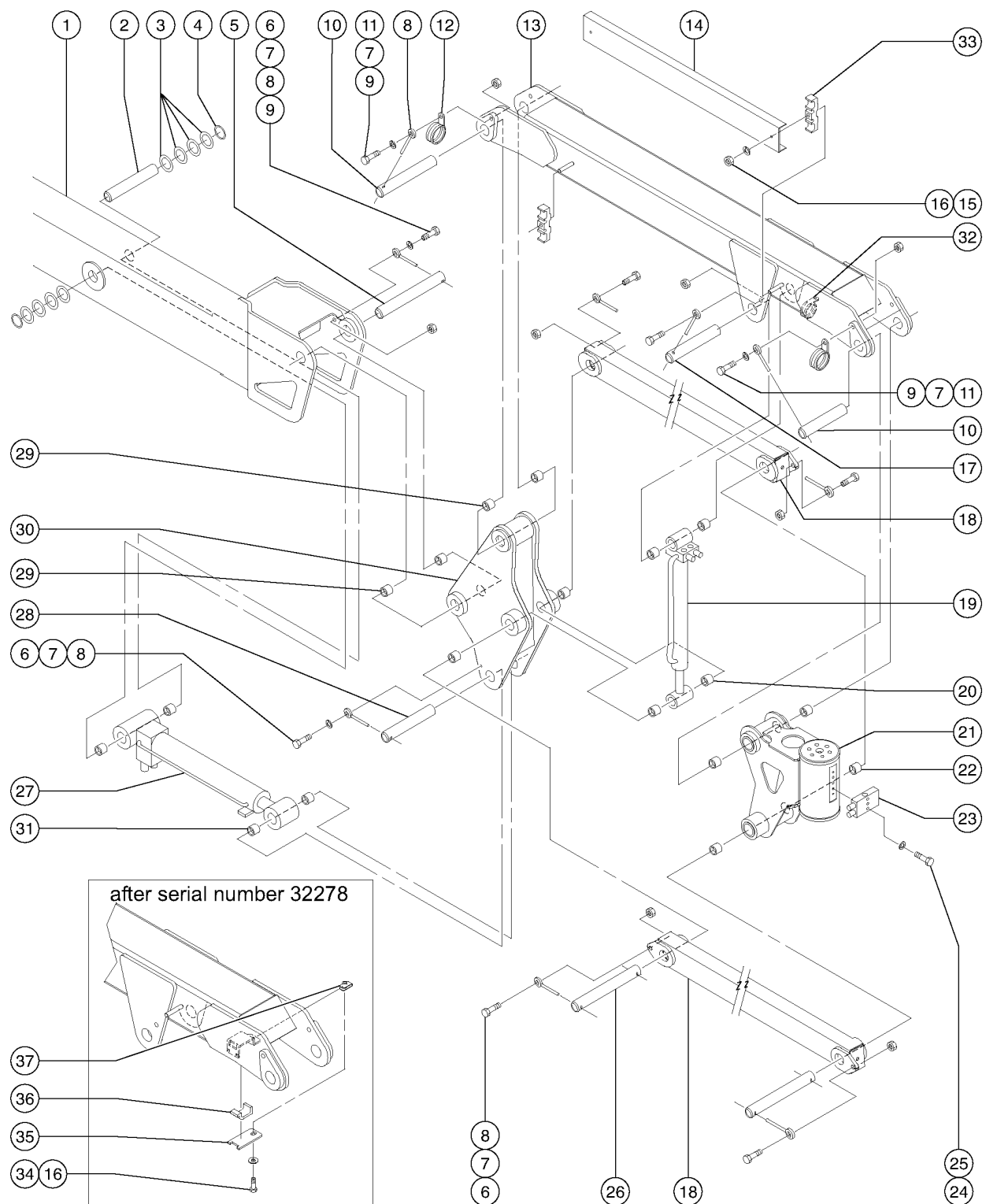
406.1 Non-Jib Platform Leveling and Rotation (Z-45/25)



406.1 Non-Jib Platform Leveling and Rotation (Z-45/25)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
22	107595GT	BRACKET,HOSE CLAMP SUPPORT (to SN 39070)	1
22B	139688GT	BRACKET, HOSE CLAMP SUPPORT (from SN 39071) (shown)	
23	36294GT	SCREW,HHC,1/4-20 X 2.75	
24	6638GT	WASHER, FLAT, USS, 1/4"Y	
25	6091GT	NUT,NYLOCK,1/4-20	
26	6888GT	SCREW, HHC, 1/4-20 X 1	
27	21619GT	CLAMP,1.50,#24 X 1/4,RUB CUSH	
28	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	

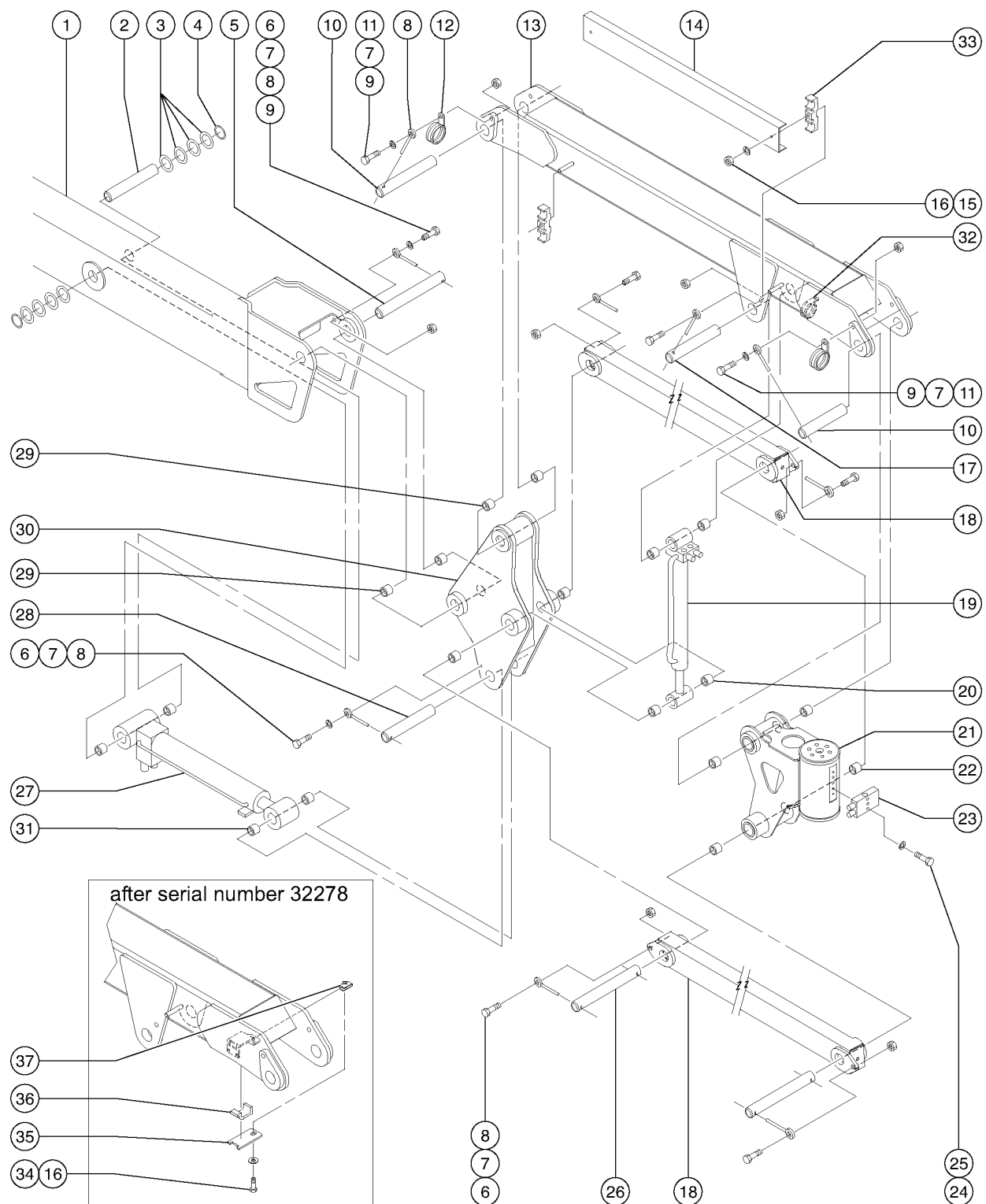
407.1 Jib Platform Leveling (Z-45/25J)



407.1 Jib Platform Leveling (Z-45/25J)

Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	129 in ch es
1		Ref. Primary and Extension Booms (refer to 504.1)	
2	50546GT	PIN,1.25DIAX6.36LG,2RING	1
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
4	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
5	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8	825019GT	ROD END, .375X3.69, ZAG	
9	4828GT	NUT, NYLOCK, 3/8-16	
10	T107883GT	PIN,1.25DIAX7.88LG,1HOLE	2
11	8516GT	SCREW, HCC, 3/8-16 X 1.50	
12	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
13		SERVICE KIT, 5FT JIB Refer to section 509.1 for jib detail	1
14	106540PGT	CABLE COVER,JIB PAINTED	1
15	6091GT	NUT,NYLOCK,1/4-20	
16	5397GT	WASHER, FLAT, USS, 5/16-18	
17	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1
18	61306-SGT	COMPR.LINK,MACHINED,GND CONTR*	2
19	54994GT	CYLINDER,JIB,Z45,#4 PORTS*** includes item 20	1
19-	65789GT	SEAL KIT (54994) for 54994	
19-	147283GT	SEAL KIT,147259 for 147259	
19-	50480GT	VALVE,COUNTERBALANCE,3800 PSI*	
19-	43018GT	SEAL KIT (39345) for 50480	
20	25683GT	BEARING,POLYGON,20DU12	4
21		REF: Jib Platform rotator Refer to section 508.1 for jib rotator	1
22	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4

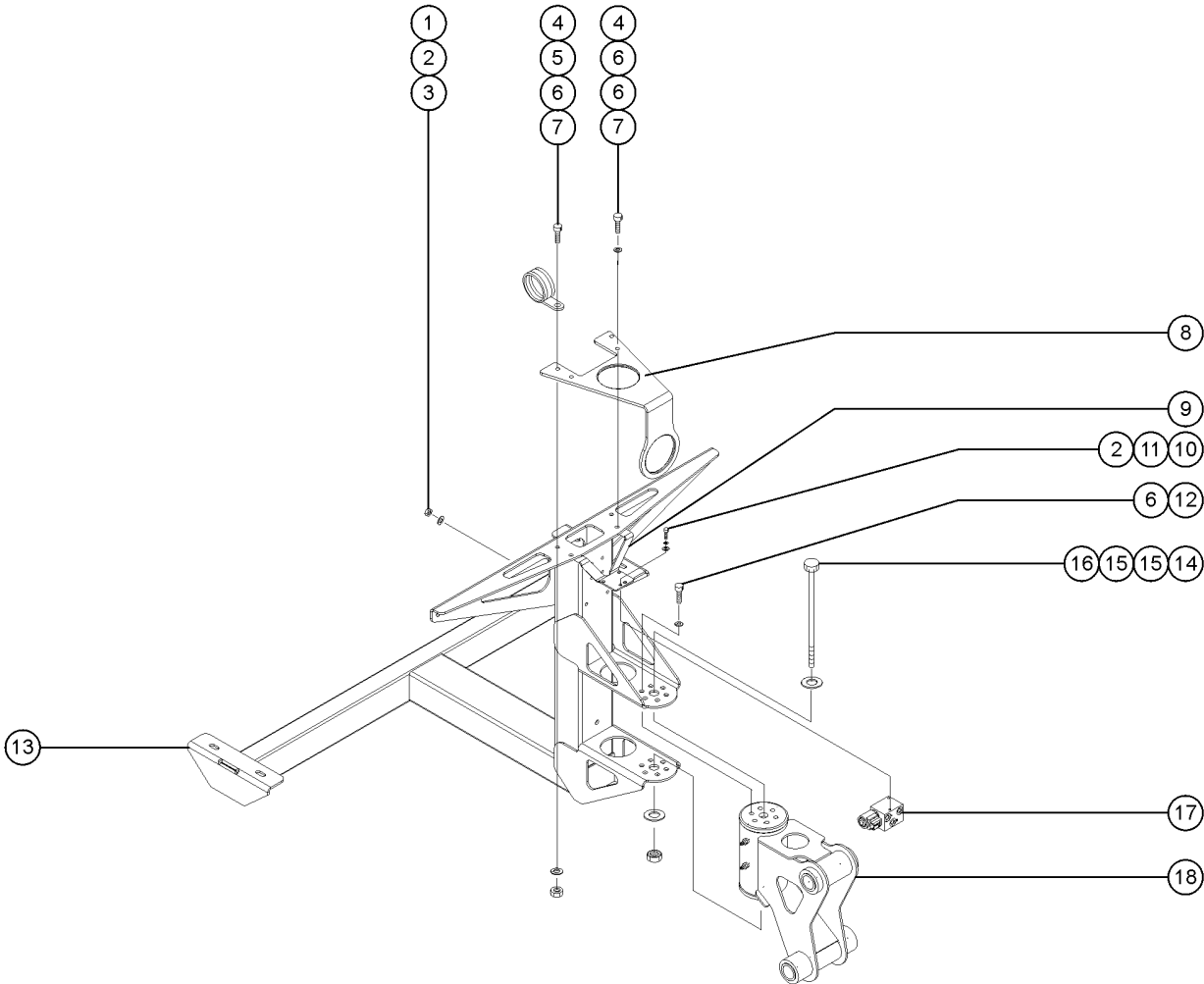
407.1 Jib Platform Leveling (Z-45/25J)



407.1 Jib Platform Leveling (Z-45/25J)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23		Ref. Counterbalance Manifold (refer to 703.1)	
24	8915GT	SCREW, HHC, 1/4-20 X 1.25	
25	6356GT	WASHER, LOCK, .25	
26	81175GT	PIN, 1.25DIA X 14.45LG, 2HOLE	2
27	77363GT	CYLINDER, LEVELING, BELLCRANK, Z-45	1
		includes item 31	
27-	77364GT	SEAL KIT, LEVELING CYLINDER	
27-	54065GT	VALVE, COUNTERBALANCE, 3500***	
28	T108075GT	PIN, 1.25DIA X 5.25LG, 1HOLE	1
29	35675GT	BEARING, FL, 1.25ID X 1.5OD X 1.25L	6
30	50466-SGT	BELLCRANK, JIB, WELD/Z45/25***	1
		includes item 29	
31	25683GT	BEARING, POLYGON, 20DU12	2
32	49863GT	CLAMP, 1.13, #18 X 3/8, RUB CUSH*	1
33	106581GT	CLAMP, JIB HOSE Z45	2
33-	128428GT	ARCTIC HOSES, Z45J ELEVATE	
		Arctic Option	
34	6090GT	SCREW, HHC, 1/4-20 X .75	
35	119536PGT	BRACKET, HOSE CLAMP, PAINTED	1
36	119542GT	CLAMP, TWO HOSE	1
37	56912GT	SPRING CLIP, 1/4-20, .025-.15 X .54, ZAG	

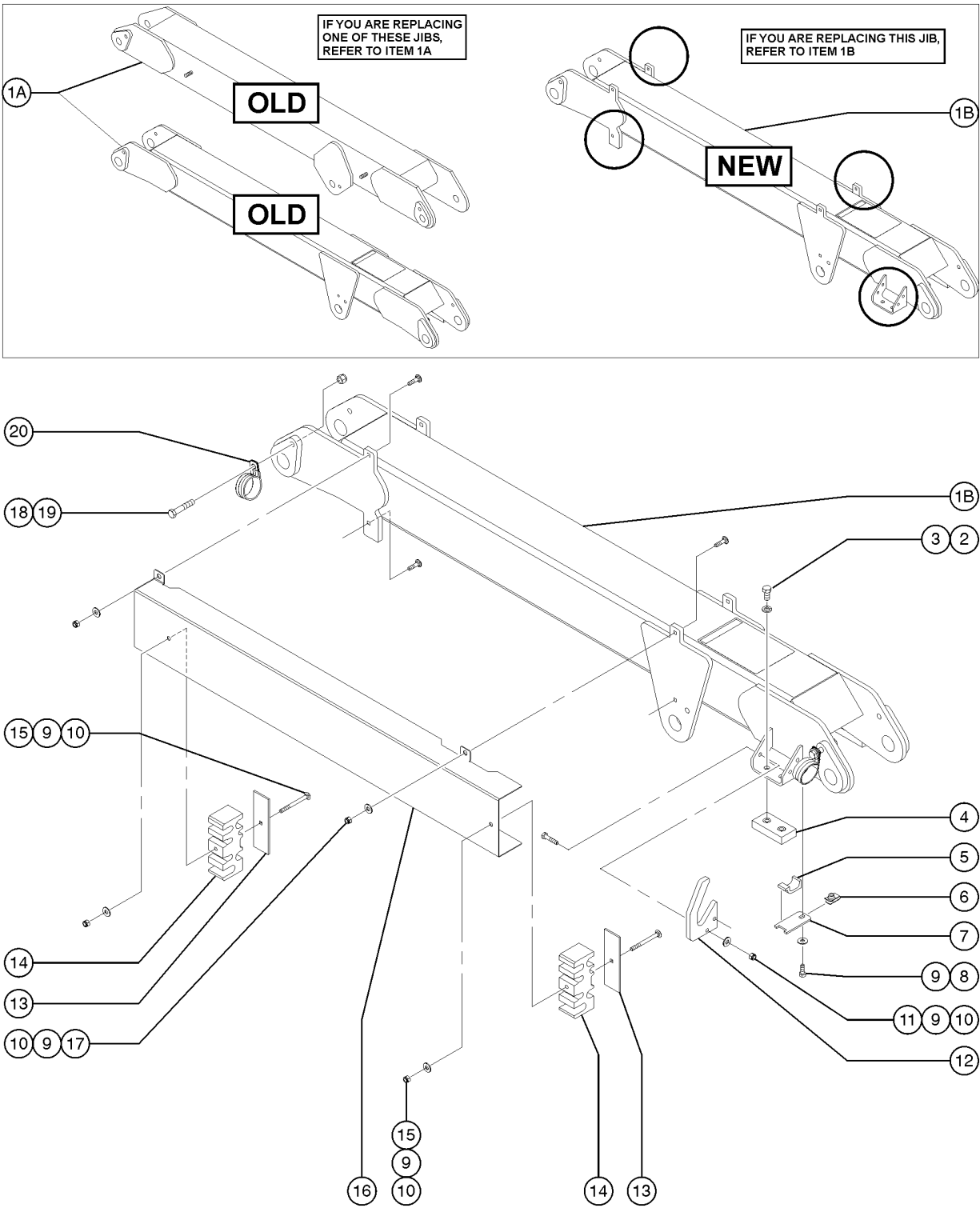
408.1 Jib Platform Rotation (Z-45/25J)



408.1 Jib Platform Rotation (Z-45/25J)

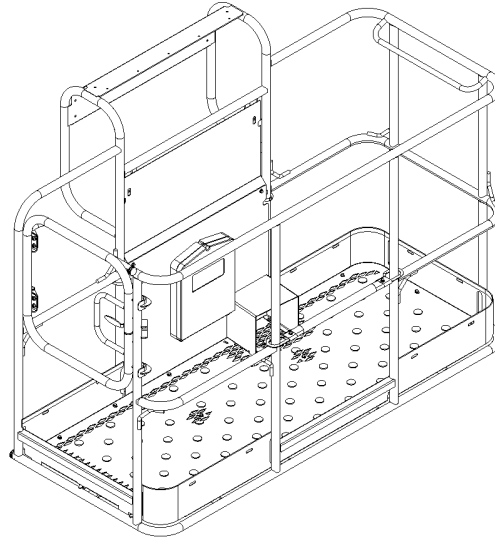
Item	Part No.	Description	Qty.
1	6091GT	NUT,NYLOCK,1/4-20	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	36294GT	SCREW,HHC,1/4-20 X 2.75	
4	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
5	49863GT	CLAMP,1.13,#18 X 3/8,RUB CUSH*	1
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	6782GT	NUT, NYLOCK, 5/16-18	
8	106163GT	FORMING,CABLE GUIDE order 55067 grommet separately	1
8-	55067GT	GROMMET,RUBBER 3 X .19 X 3.5	2
9	110671GT	PLATE,JIB,ROTATE MANIFOLD	1
10	6090GT	SCREW, HHC, 1/4-20 X .75	
11	6356GT	WASHER, LOCK, .25	
12	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	6
13	54510-SGT	WELDMENT,PLATFORM SUPPORT for models with the Platform Overload option, refer to 907.1	
14	56925GT	SCREW,HHC,3/4-10 X 9.5 GR 8 YE	1
15	33278GT	WASHER, FLAT, .75 HARDENED	
16	77051GT	NUT,NYLOCK,3/4-10,GRD.8	1
17		Ref. Jib Manifold (refer to 703.1)	
18		ROTATOR,PLAT,Z45 originally to SN 43877, PN no longer available, replace with 233715	
18A-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* for 94401	
18A-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L for 94401	4
18A-	88516GT	SCREW,BLEEDER,M5X0.8 for 94401	2
18B	233715GT	ROTATOR,PLAT,Z45J/Z51J replacement for 94401	1
18B-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L for 233715	4
18B-	88516GT	SCREW,BLEEDER,M5X0.8 for 233715	2
18B-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for 233715	

409.1 Jib Detail (Z-45/25J)

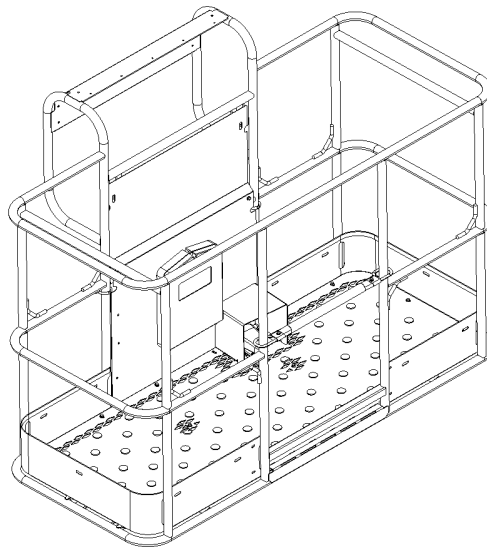


Item	Part No.	Description	Qty.
1A	128513GT	SERVICE KIT,5FT JIB required for first time replacement (includes part number 128534)	
1B	128534GT	JIB BOOM ASSY W/WORD DECAL use ONLY if service kit 128513 has been installed on the machine	1
2	8255GT	SCREW,HHC,3/8-16 X .75	
3	6021GT	WASHER, LOCK, .375	
4	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	1
5	119542GT	CLAMP,TWO HOSE	1
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
7	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	8915GT	SCREW, HHC, 1/4-20 X 1.25	
12	128482GT	HOSE GUIDE, JIB	1
13	128483GT	BACKING PLATE, HOSE BLOCK, JIB	2
14	128510GT	CLAMP,JIB HOSE/CABLE,Z45/51	2
15	128724GT	BOLT,CARRIAGE,1/4-20 X 2.75,G2	
16	128454PGT	COVER, JIB HOSES/CABLES	1
17	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	
18	5224GT	SCREW,HHC,3/8-16 X 2	
19	4828GT	NUT, NYLOCK, 3/8-16	
20	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	2

501.1 Platform configuration



(1) Side Swing Gate Platform

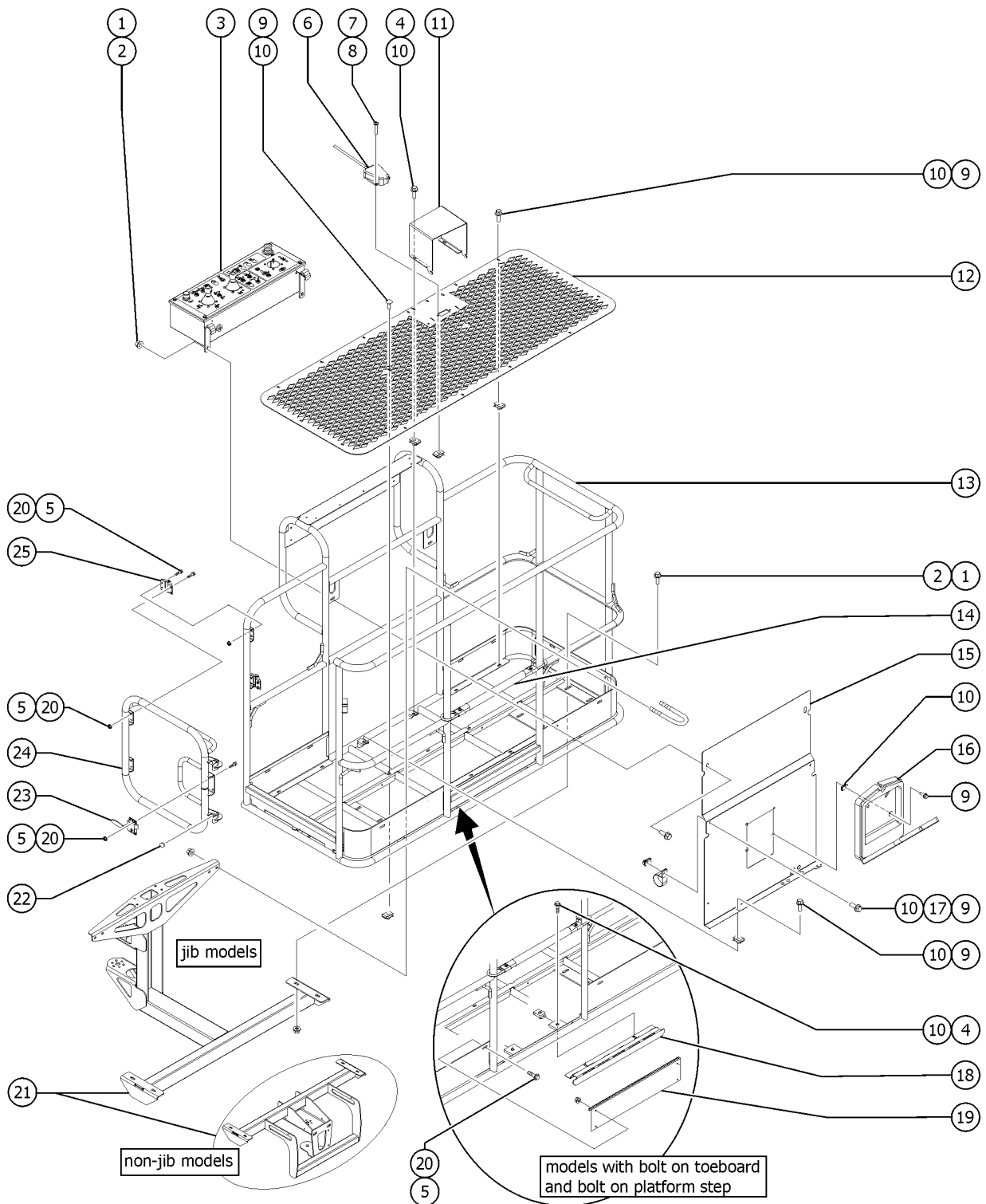


(2) Front Single Entry Platform

501.1 Platform configuration

Item	Part No.	Description	Qty.
-		Complete Platform Assemblies with Decals	
A	1275393GT	PLAT ASSY,6' W/SIDE GATE,Z45DC/BI ANSI WORD USA and Canadian models	
B	1275394GT	PLAT ASSY,6' W/SIDE GATE,Z45DC/BI AUS Australian models (to 34010) (from SN A-34011 to A-40599)(from SN B-101 to B-1725)	
C	1275397GT	PLAT ASSY,6' W/SIDE GATE,Z45DC/BI AUS Australian models (from SN A-40560)(from SN B-1726)(from SN D-101)	
D	1275395GT	PLAT ASSY,6' W/SIDE GATE,Z45/51 CE European models	
E	1275396GT	PLAT ASSY,6' W/SIDE GATE,Z45/51 ANSI SYM Asia/South America models	
-		Complete Platform Assemblies and Platform Weldments without Decals (refer to section 100 for decals) ..	
1	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK	
2A	161541GT	ASSY,4FT PLATFORM, NO DECALS Single entry	
2B	161542GT	ASSY,5FT PLATFORM, NO DECALS Single entry	
2C	160809GT	ASSY,6FT PLATFORM,NO DECALS Single entry	
-	73900GT	WELDMNT,6 FT PLATFORM flooring and decal plate not included	

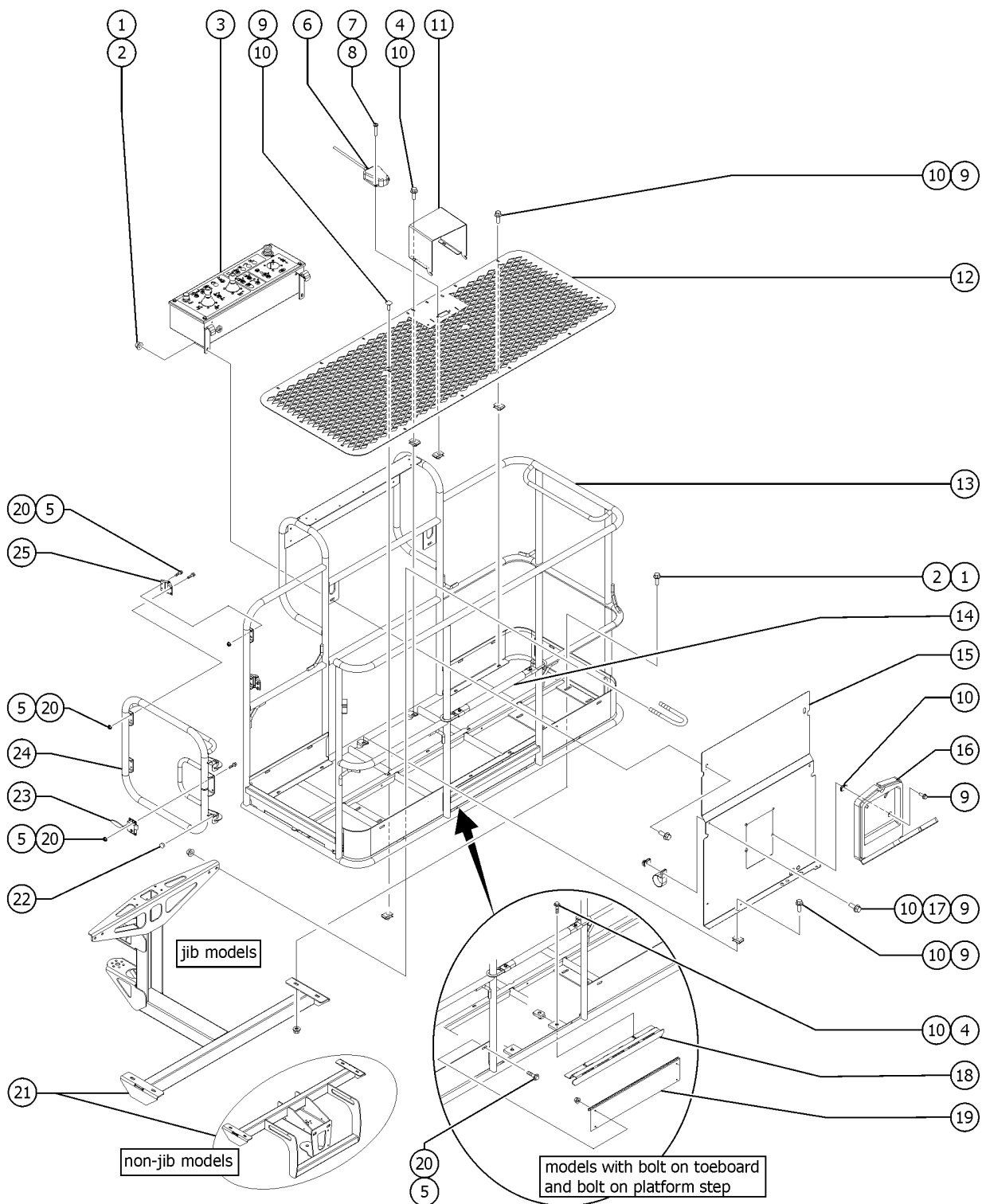
502.1 Platform Components (to SN Z4525D-2105)



502.1 Platform Components (to SN Z4525D-2105)

Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	
2	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
3		Ref. Platform Control Box	
		(refer to 602.1 and 603.1)	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	2
6	73233GT	ASSEMBLY,FOOT SWITCH***	1
		(to SN 41836)	
6A-	73739GT	BOOT,PLUG 4 WAY	
		(for PN 73233)	
6B	228468GT	KIT, FOOTSWITCH, Z45 & Z51	1
		(upgrade kit) (to SN 41836)	
6B-	227617GT	ASSEMBLY,FOOT SWITCH	
		(for PN 228468)	
6C	227617GT	ASSEMBLY,FOOT SWITCH	1
		(from SN 41837)	
7	1256460GT	SCREW,PHPM,10-24X1,ZAG	2
8	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	2
9	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
11	147121GT	COVER, FOOT SWITCH, LARGE	1
12B	73477PGT	FLOORING, 6'FT PLATFORM	1
		(for single entry)	
12D	60160PGT	FLOORING,4 FT PLATFORM,PAINTED	1
13		Ref. Platform Weldment	1
		(refer to 601.1)	
14	102992GT	SLIDING MIDRAIL KIT,PTD	1
		(includes fasteners)	
15	73574-SGT	DECAL PLATE ASSEMBLY	1
		(decals not included, refer to section 100)	
16	24514GT	BOX, INSTRUCTION STORAGE**	1
		(decals not included, refer to section 100)	
18	73610PGT	STEP PLATFORM ENTRY PAINTED***	1
19	94745GT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
20	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	
21		WELDMENT, Z45 PLATFORM SUPPORT, NO JIB	1
		(refer to 506.1) (non-jib models)	
21C		Ref. Platform Support	1
		(refer to 906.1) (models with platform overload option)	
22	43392GT	BUMPER,BATTERY BOX & RAILS	2
23	1267747GT	LATCH, SWING GATE	1

502.1 Platform Components (to SN Z4525D-2105)

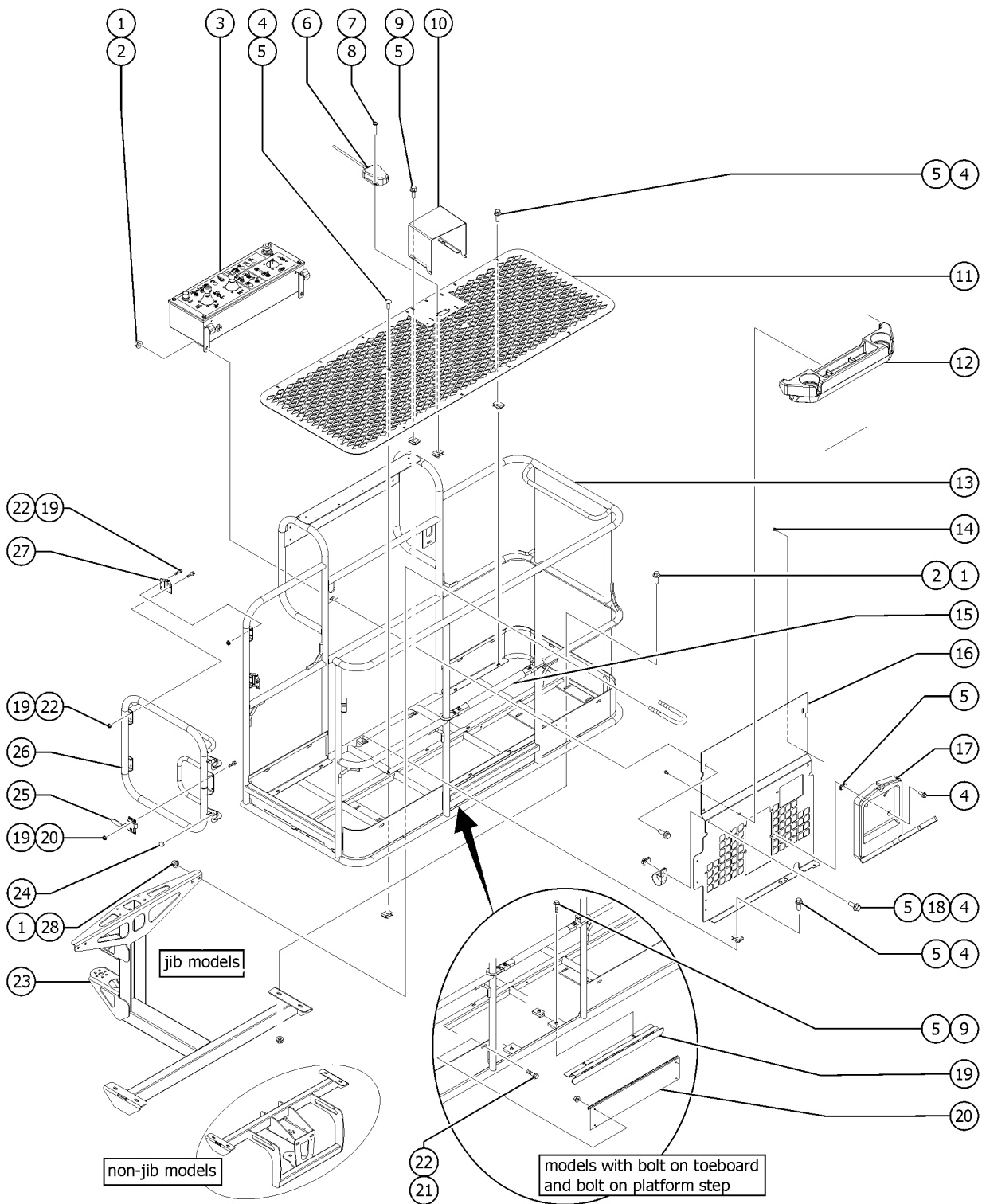


502.1 Platform Components (to SN Z4525D-2105)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24	1272307GT	ASSY,SIDE SWING GATE	1
25	104804GT	HINGE, SPRING, LONG LEG	2



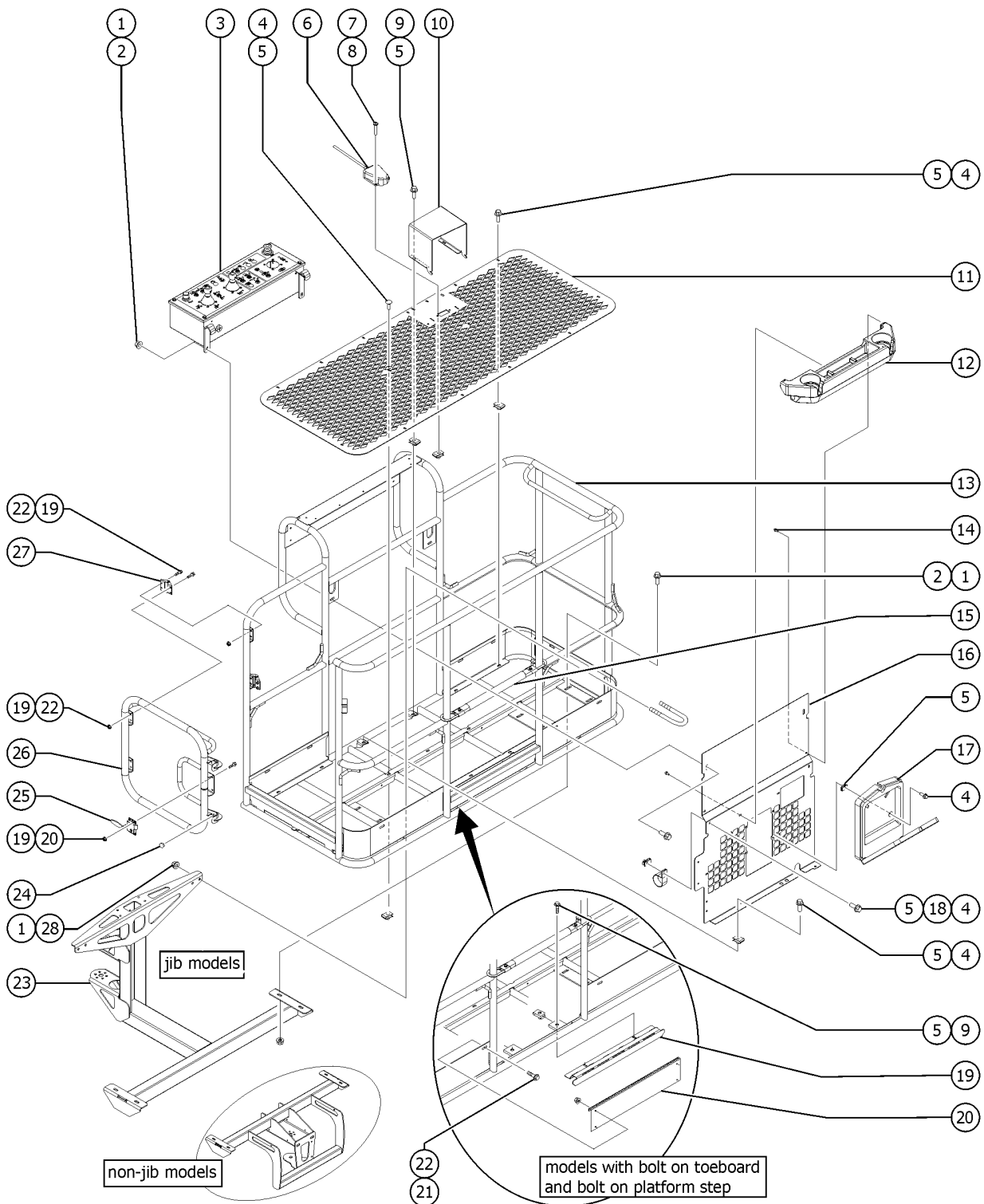
502.2 Platform Components (from SN Z4525D-2106)



502.2 Platform Components (from SN Z4525D-2106)

Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	
2	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	
3		Ref. Platform Control Box (refer to 602.1 and 603.1)	
4	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
6	227617GT	ASSEMBLY,FOOT SWITCH	1
6-	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	
6-	227564GT	FOOT SWITCH,20A IP65	
6-	43960-6950GT	WIRE CABLE,16GA/4 CON.TPE JKT*	
6-	73739GT	BOOT,PLUG 4 WAY	
6-	1257248GT	SCREW, SHC, M4-0.7X8, DIN912,	
6-	1257249GT	WASHER, LOCK, M4, SS	
7	1256460GT	SCREW,PHPM,10-24X1,ZAG	2
8	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	2
9	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
10	147121GT	COVER, FOOT SWITCH, LARGE	1
11A	1267746GT	FLOORING, 72X30 PLATFORM	1
11B	73477PGT	FLOORING, 6'FT PLATFORM (for single entry)	1
11C	54247PGT	FLOORING,5 FT PLATFORM,PAINTED	1
11D	60160PGT	FLOORING,4 FT PLATFORM,PAINTED	1
12	1289552GT	KIT, PLATFORM WORK TRAY	1
13		Ref. Platform Weldment (refer to 601.1)	1
14	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	4
15	102992GT	SLIDING MIDRAIL KIT,PTD (includes fasteners)	1
16	1275088GT	FORMING, ALUM. DECAL PLATE (decals not included, refer to section 100)	1
17	24514GT	BOX, INSTRUCTION STORAGE** (decals not included, refer to section 100)	1
18	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	2
19	73610PGT	STEP PLATFORM ENTRY PAINTED***	1

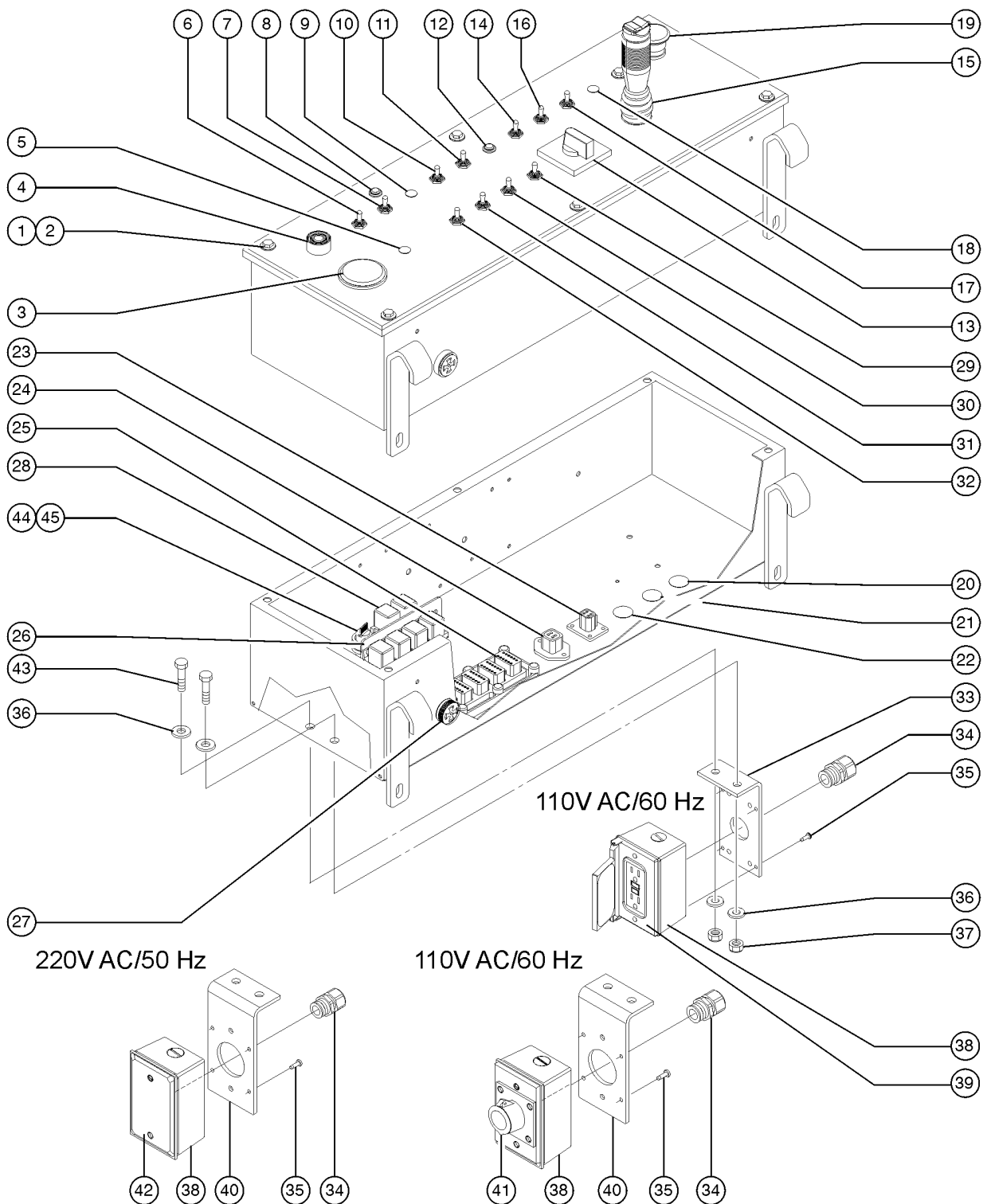
502.2 Platform Components (from SN Z4525D-2106)



502.2 Platform Components (from SN Z4525D-2106)

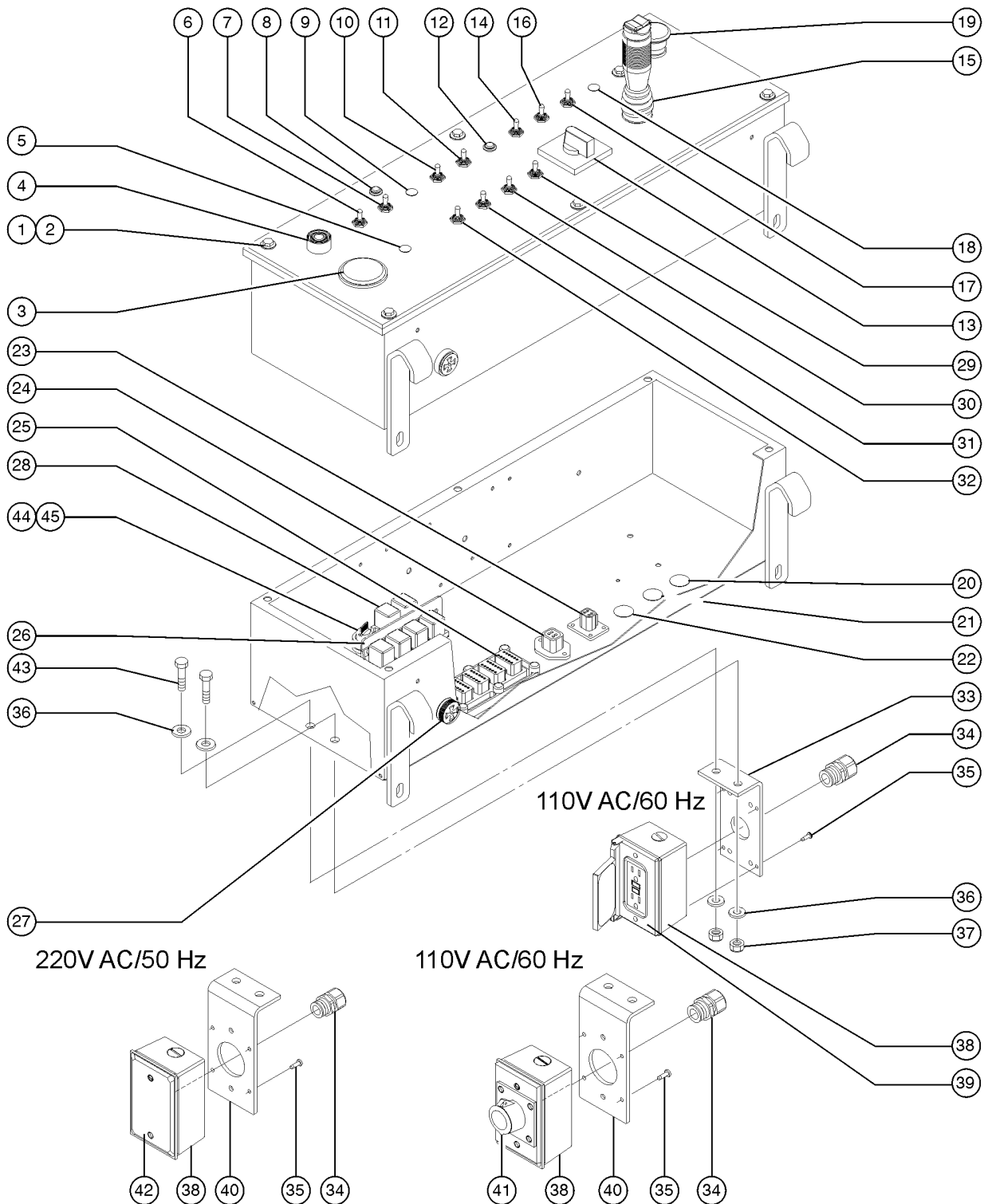
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
20	94745P	TOEBOARD,ENTRY EUROPEAN PNTD**	1
21	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
22	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	
23A		WELDMENT, Z45 PLATFORM SUPPORT, NO JIB	1
		(non- jib models, refer to 506.1)	
23B		Ref. Platform Support	1
		jib models, refer to 508.1)	
24	43392GT	BUMPER,BATTERY BOX & RAILS	2
25	1267747GT	LATCH, SWING GATE	1
26	1272307GT	ASSY,SIDE SWING GATE	1
27	104804GT	HINGE, SPRING, LONG LEG	2
28	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	1

503.1 Platform Controls



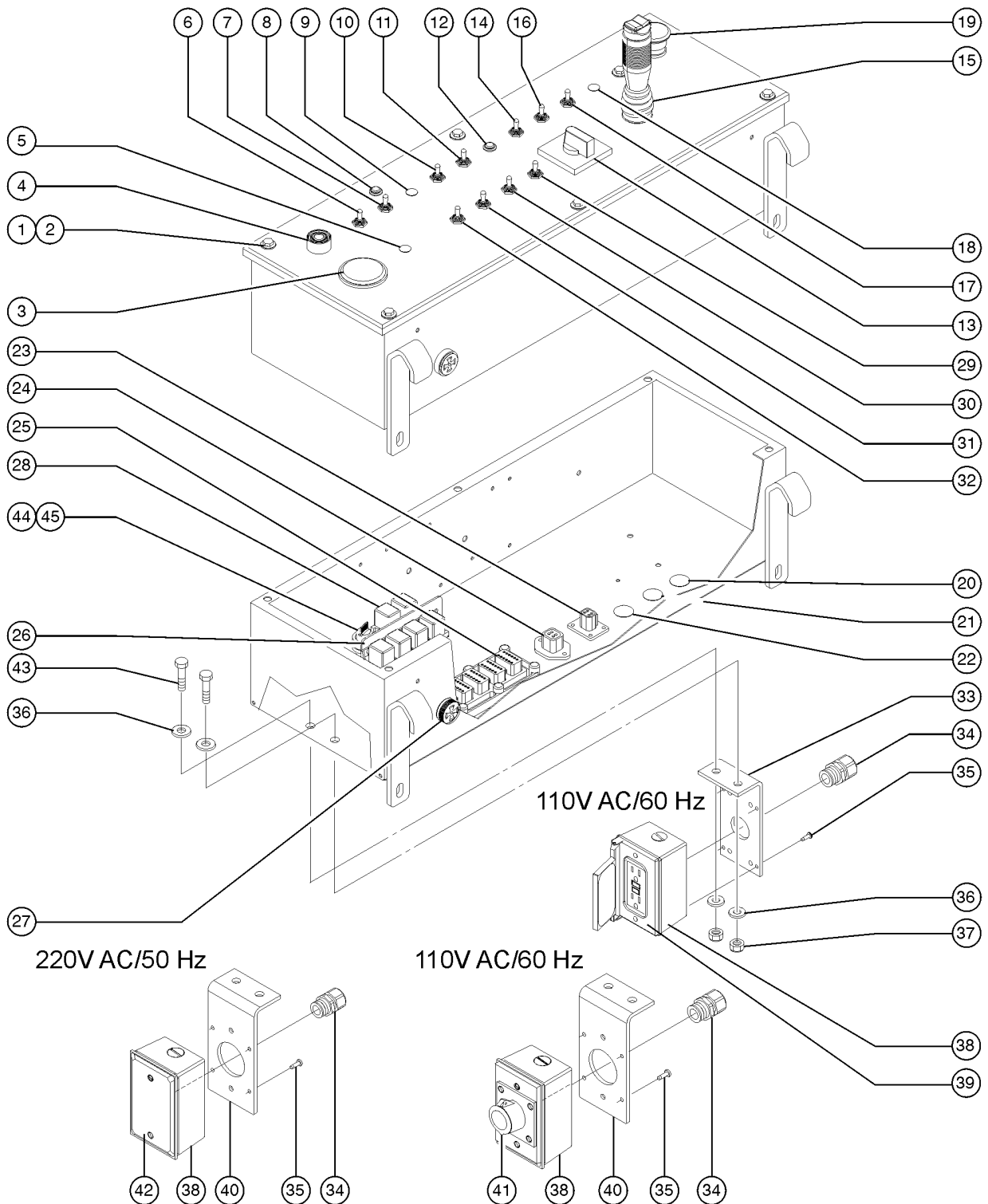
Item	Part No.	Description	Qty.
	101579GT	PLAT. CONTROL BOX W/DECAL	
	147253GT	TIME DELAY RELAY,2 SEC,24VDC	
1	8914GT	SCREW, HHC, 1/4-20 X .625	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	237145GT	IND,BAT CHARGE,48V LEAD-ACID	1
		(models with battery charge indicator)	
3B	110651GT	LVI/BCI 36/48 VOLT ENGAGE II	1
		(models with low voltage indicator/battery charge indicator) from SN 31015	
3-	110652GT	GASKET LVI/BCI ENGAGE II	
3-	110653GT	BRACKET ENGAGE II	
3-	110654GT	CONN, PLUG, 8 WAY, MOLEX	
4	122513GT	KIT,HORN SVC BB&SM BOOM	
4-	66813GT	BUTTON,PUSH,BLACK W/SEAL***	
4-	66815GT	BASE, W/1 N.O. CONTACTS***	
5	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
6	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	1
		Auxiliary Power; includes boot and hardware	
6-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
6-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
6-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
		Drive Enable; includes boot and hardware	
7-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
7-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
7-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
8	42725GT	LIGHT,INDICATOR,RED 28V	1
9	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
		(Z-45/25J) Jib Boom Up/Down; includes boot and hardware	
10	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
		Platform Rotate; includes boot and hardware	
10-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
10-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
10-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
11	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
		Platform Level; includes boot and hardware	

503.1 Platform Controls



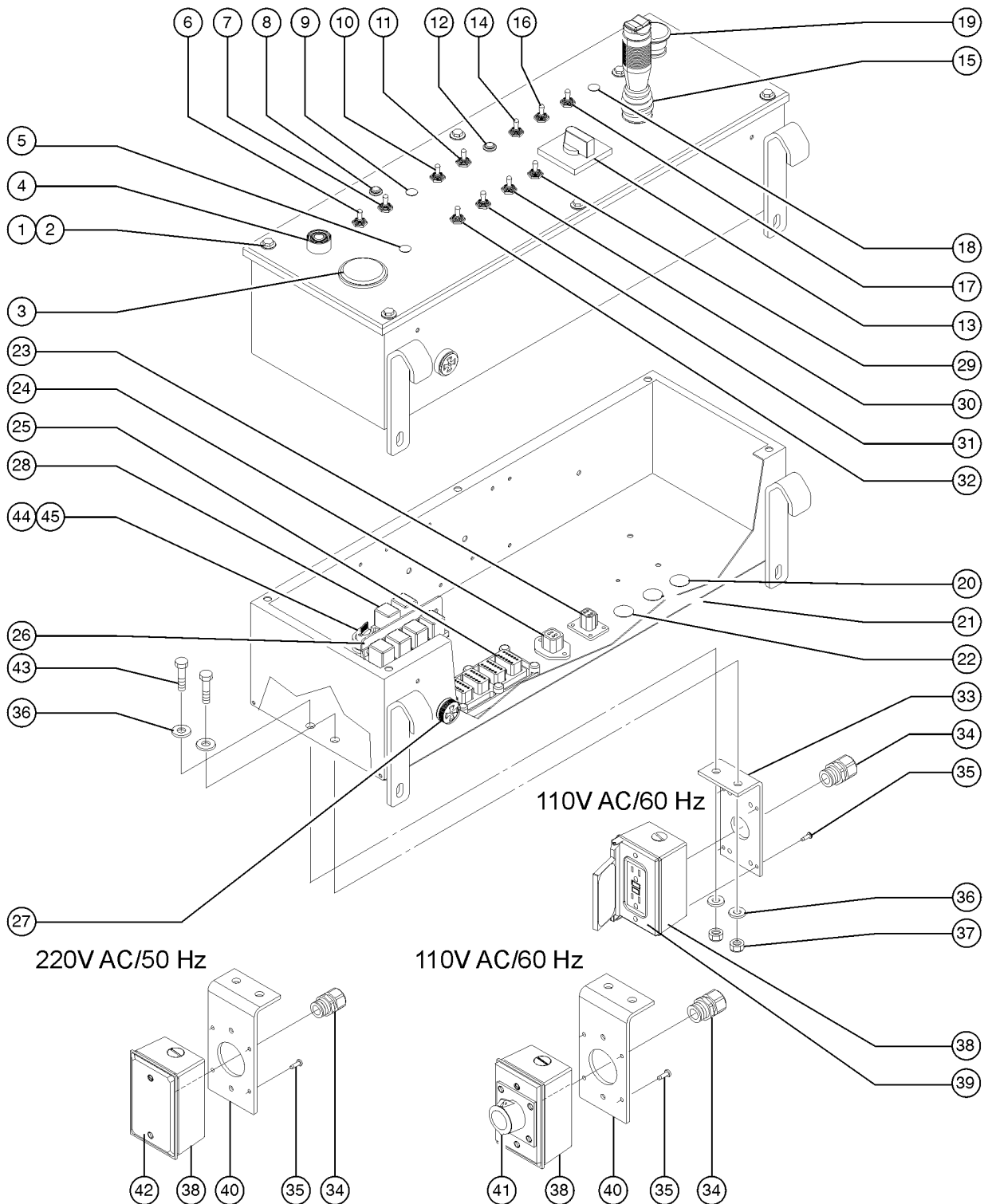
Item	Part No.	Description	Qty.
11-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
11-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12	218164GT	LIGHT,INDICATOR,RED 24V H-BRI	
13	36557GT	ROTATIONAL CONTROLLER,24V***	
14	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Glow Plug; includes boot and hardware	1
14-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
14-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
14-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
15		Ref. Joystick, Drive/Steer	
		refer to 504.1	
16	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Star (Bi-Energy); includes boot and hardware	1
16A-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
16A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
16A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
16B	45384GT	PLUG,NYLON .50 BLACK DOMED (DC)	
17	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*	1
18	45384GT	PLUG,NYLON .50 BLACK DOMED	
19	122514GT	KIT,ESTOP SVC BB&SM BOOM	
19-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
19-	66821GT	BASE,WITHOUT CONTACTS	
19-	66818GT	CONTACT,NC	
19-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
20	45385GT	PLUG,NYLON 1.12 BLACK DOMED	
21	45385GT	PLUG,NYLON 1.12 BLACK DOMED	
22	45385GT	PLUG,NYLON 1.12 BLACK DOMED	
23	73723GT	CONN RECEPT,FLANGED	
23-	54259GT	TERM,NI PIN, 14-16GA,BULK	
23-	60443GT	LOCK, RECEP 4WAY, 14-18GA	

503.1 Platform Controls



Item	Part No.	Description	Qty.
23	73233GT	ASSEMBLY,FOOT SWITCH***	
24	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	
24-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
24-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
25	73736GT	CONN,RECEP 48 WAY,4 X 12	1
25-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
25-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
26	T106699GT	BRACKET,RELAY MOUNT W/INSERTS	1
27	45383GT	ALARM,WARBLE TONE 5-30 VDC*** does not include 72326 nut	1
27-	72326GT	NUT - PLASTIC, RING FOR ALARMS must order serparately	
28	56302GT	RELAY,24VDC,40/30A,SEALED***	6
29	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary Boom Ext/Ret; includes boot and hardware	1
29-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
29-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
30	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary Boom Up/Down; includes boot and hardware	1
30-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
30-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
30-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
31	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Secondary Boom Up/Down; includes boot and hardware	1
31-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
31-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
31-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
32	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Turntable Rotate; includes boot and hardware	1
32-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
32-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
32-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
33	81096GT	BRACKET,POWER TO PLAT, DOM	1

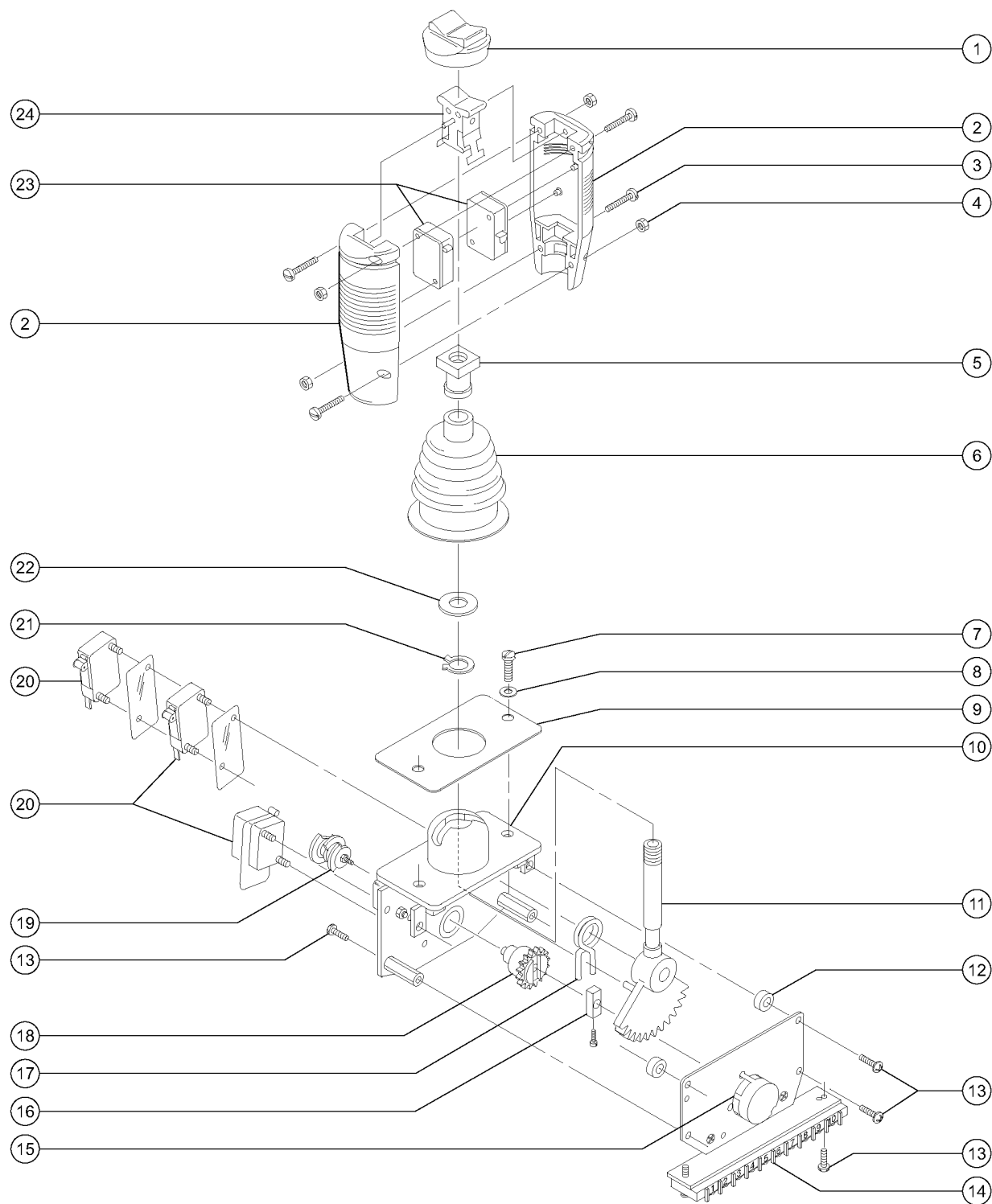
503.1 Platform Controls



503.1 Platform Controls

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
34	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	2
34-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
35	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP	4
35A	35461GT	WASHER,FLAT,MS,#8,Y	4
36	5397GT	WASHER, FLAT, USS, 5/16-18	
37	4828GT	NUT, NYLOCK, 3/8-16	
38	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
39	13585GT	OUTLET, 110V	1
		USA/Canada	
39-	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	
		USA/Canada	
40	81096GT	BRACKET,POWER TO PLAT, DOM	1
41	T112560GT	RECEPTACLE,UK,110V	1
42	10777GT	COVER,BLANK	1
42-	81458GT	GASKET, UK POWER TO PLAT	
42-	33724GT	KIT,GASKET,UK POWER TO PLAT	
43	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
44	43181GT	CAPACITOR,TIME DELAY	1
45	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1

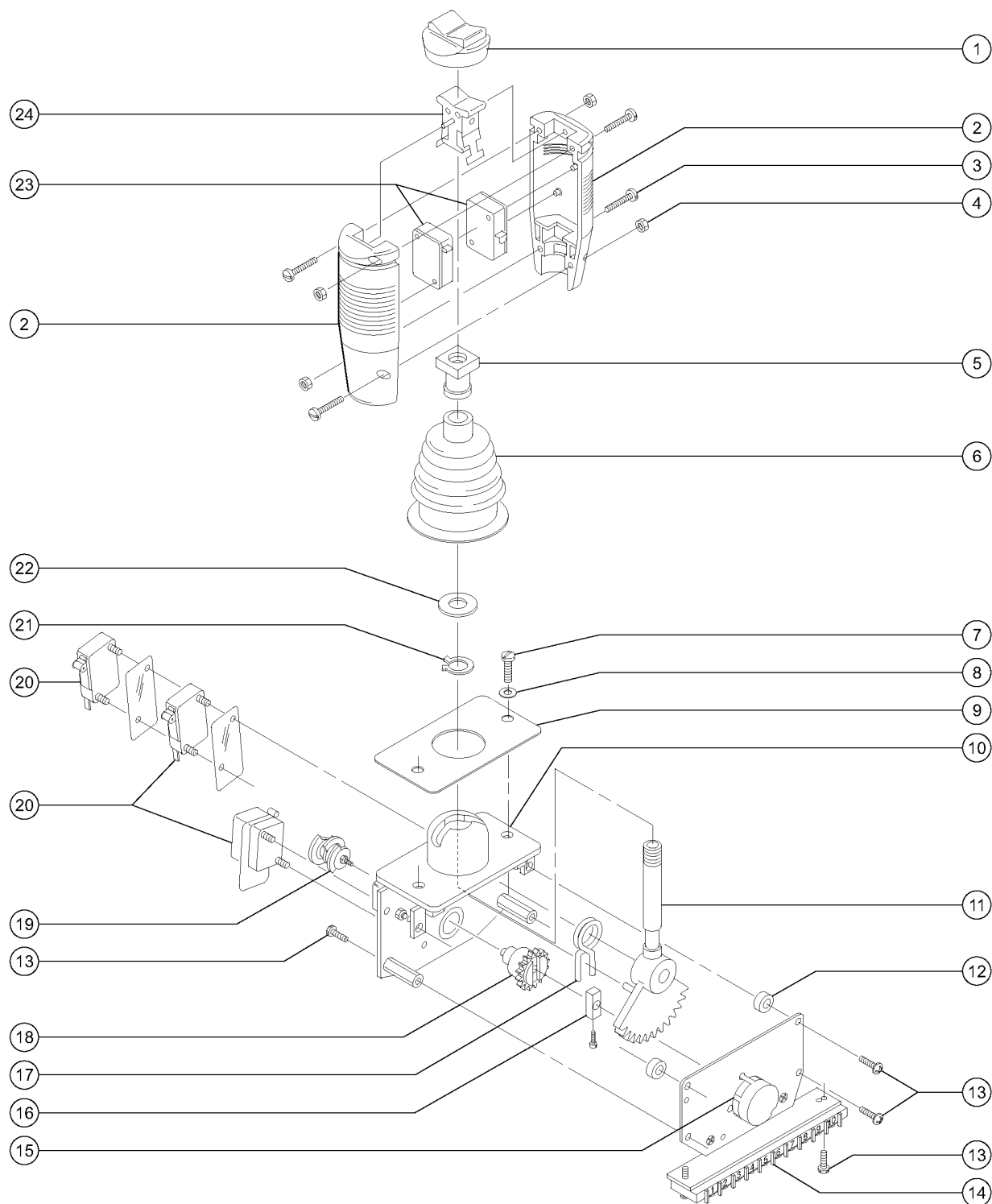
504.1 Joystick Controller, Drive/Steer Functions



504.1 Joystick Controller, Drive/Steer Functions

Item	Part No.	Description	Qty.
A	56773GT	JOYSTICK,5K-0 OHM (10-pin connector) (to SN Z452513A-45734)	
B	234923GT	JOYSTICK,5K-0 OHM,W/RELAY (12-pin connector) (from SN Z452513A-45735)	
B-	78098GT	RELAY,24VDC,40/30A,SLD W/BRKT* (from SN Z452513A-45735, for 234923, includes bracket)	
Z	1269501GT	KIT, ISOLATION, 3 JOYSTICK	
1	43038GT	BOOT-THUMB ROCKER** BLACK	1
2	1323938GT	KIT, JOYSTICK GRIP/HANDLE	2
3	52895GT	SCREW,PHM,M3 X .5 X 12MM	
4	52928GT	NUT-HEX,3M X 0.5MM	
5	43040GT	NUT,JS,36867/42032/44988/40612	1
6	21427GT	BOOT,CONTROLLER**	1
7	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
8	74362GT	WASHER,NYLON, JOYSTICK	
9	43042GT	GASKET,JOYSTK.SHAFT36867/42032	1
10	58987GT	CASTING 42032	1
11	46227GT	SHAFT ASSY, JOYSTICK*** includes gear	1
12	74368GT	SPACER-POT.PLATE,JOYSTICK56773	1
13	65546GT	SCREW,PHM,M3.5 X 12MM (57890)	
14	74367GT	TERM.BUSS,10POLE,JOYSTICK56773	1
15	72298GT	POTENTIOMETER (56773)	1
16	65529GT	COUPLING-POT,JOYSTICK (56579)	1
17	21434GT	SPRING & BUSHING KIT,RETURN***	1
18	19731GT	GEAR, SLAVE, MS4,45048	1
19	74364GT	CAM ASSEMBLY, JOYSTICK(42032)	1
20	19712GT	MICROSWITCH,V3L-139-D8	1
21	74365GT	C-CLIP, SHAFT, JOYSTICK	1
22	74366GT	WASHER, FLAT, SHAFT, JOYSTICK	
23	19722GT	MICROSWITCH-V319M***	2
24	58986GT	ROCKER ASSY (42032)*** for joystick 56773	

504.1 Joystick Controller, Drive/Steer Functions

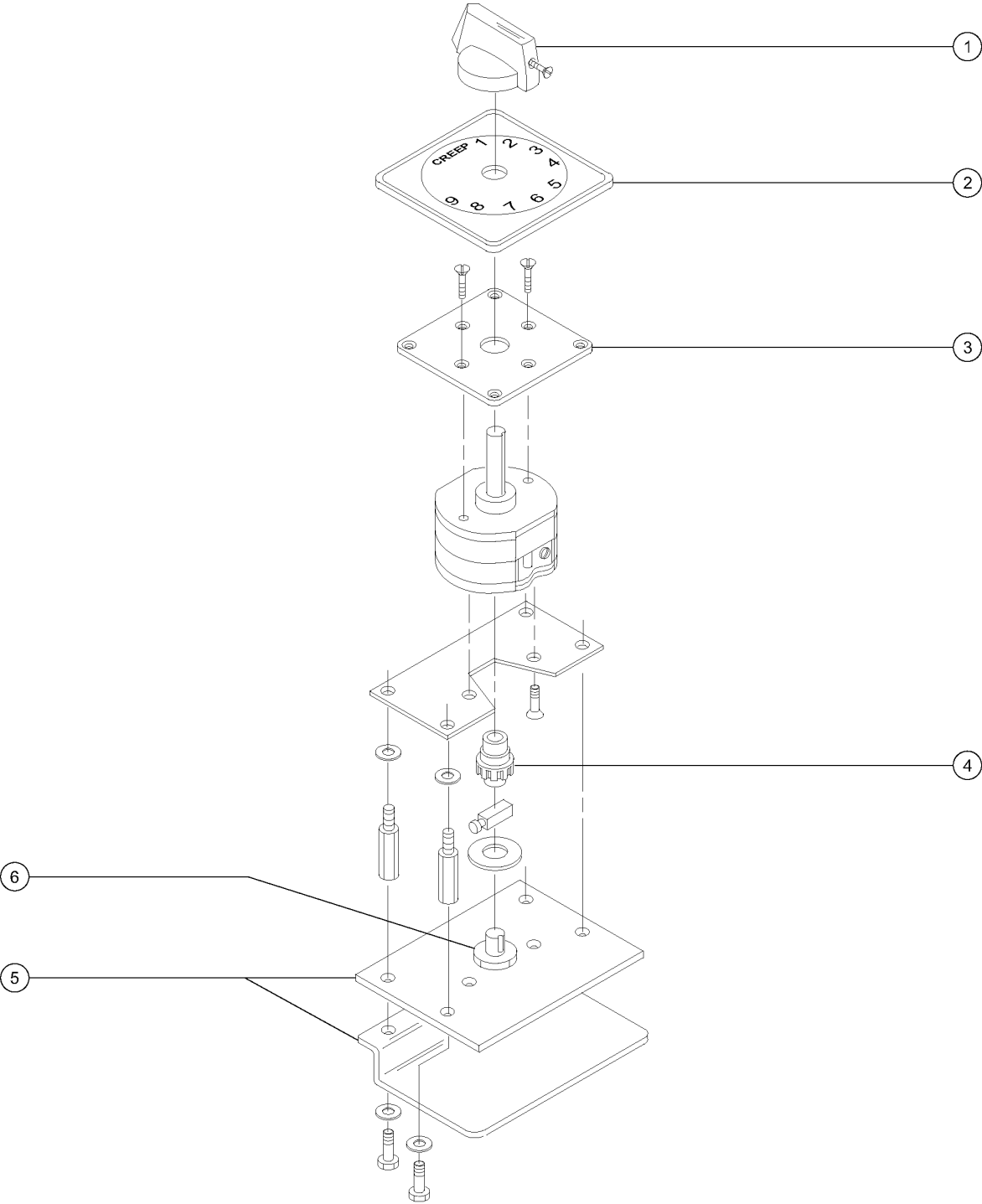


504.1 Joystick Controller, Drive/Steer Functions

Item	Part No.	Description	Qty.
24B	65178GT	ROCKER ASSY W/ROLLPIN*** for joystick 234923	



505.1 Rotational Controller

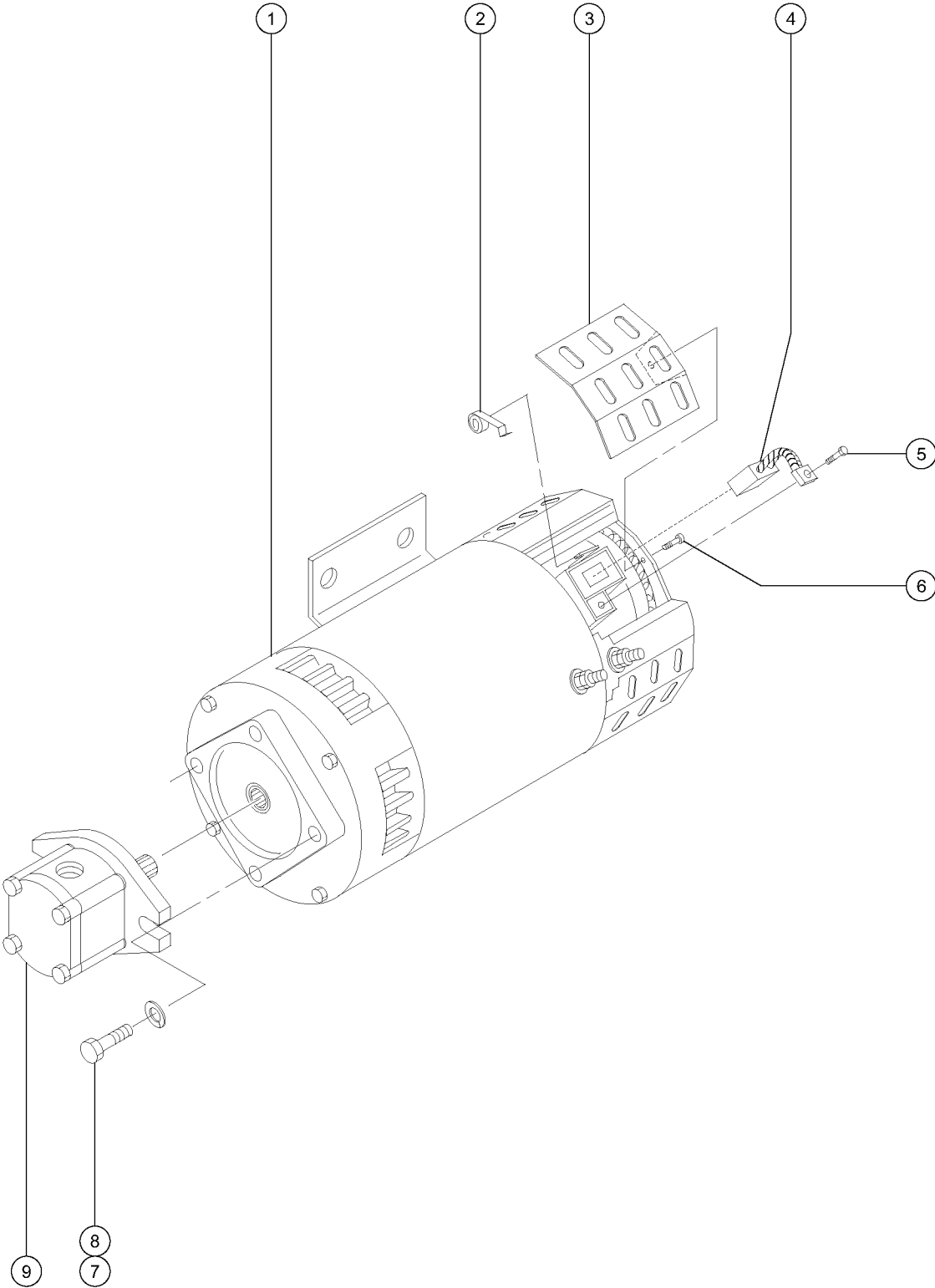


505.1 Rotational Controller

Item	Part No.	Description	Qty.
	36557GT	ROTATIONAL CONTROLLER,24V***	
1	35679GT	KNOB, 45048 CONTROLLER	1
2	35680GT	LEGEND,PLSTC,"CREEP TO 9"***	1
3	35678GT	MOUNTING PLATE, 45048	1
4	19731GT	GEAR, SLAVE, MS4,45048	1
5	40433GT	PCB,ROTATOR CONTROLLER 36557*	1
		includes item 6	
6	19729GT	POTENTIOMETER,56886	1



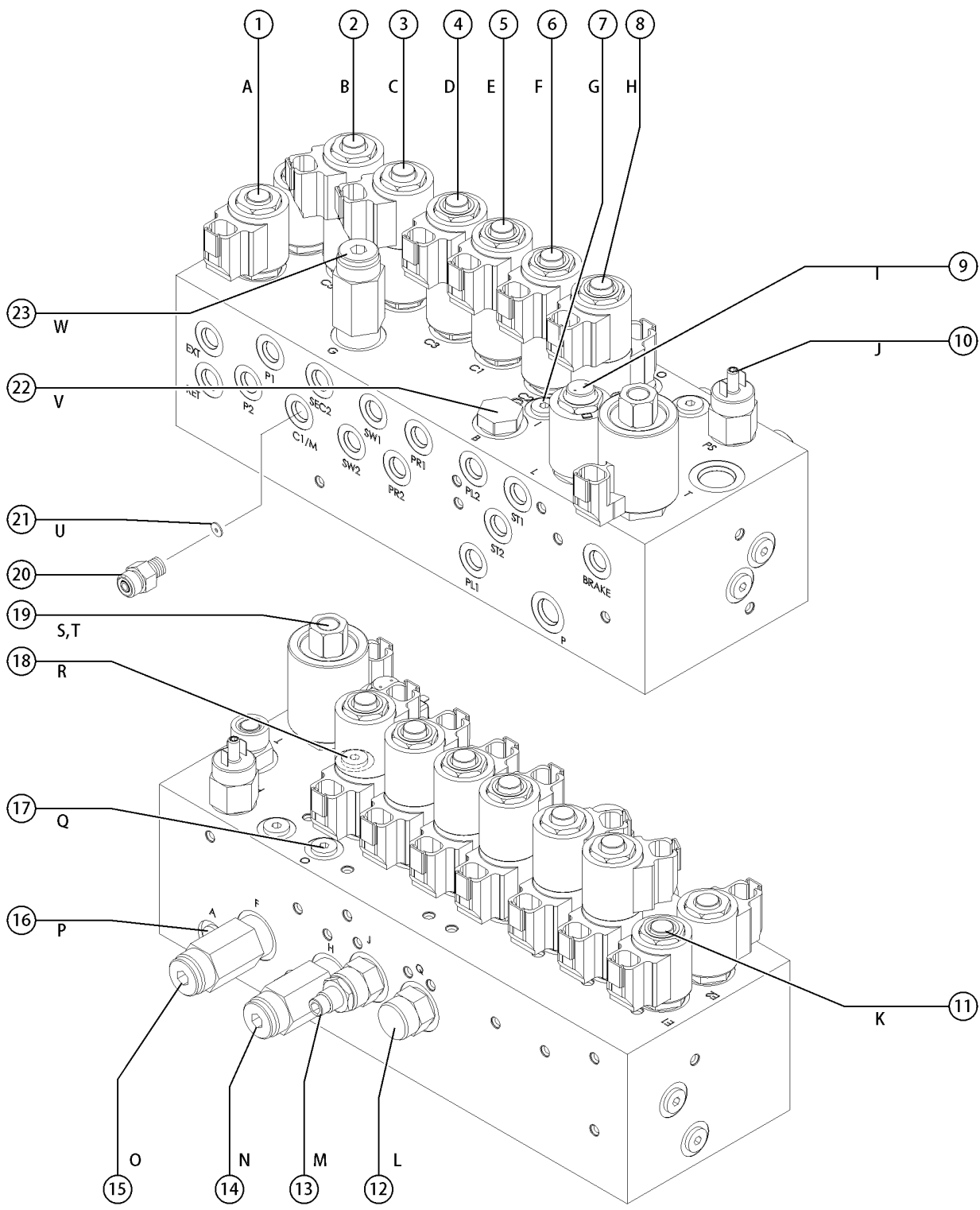
601.1 Hydraulic Power Unit



601.1 Hydraulic Power Unit

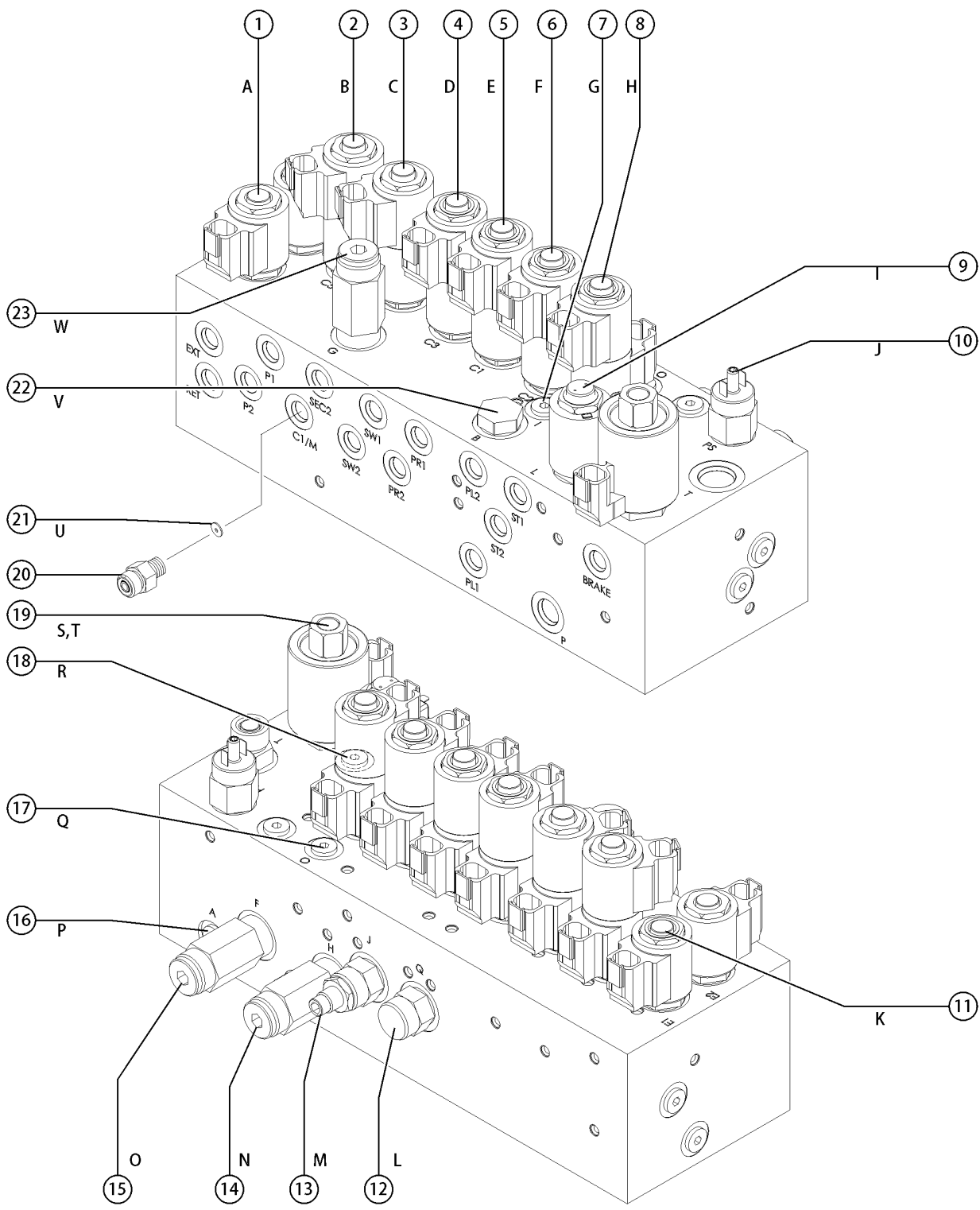
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	48504GT	MOTOR,FUNCTION,48V DC	1
2	44750GT	SPRING-BRUSH,40844, SCISSORS	
3	58936GT	BRUSH COVER -PLATE-(48504)*	1
4	58932GT	BRUSH SET 4 EA	1
5	52913GT	SCREW,HH TAPETITE THRD8-32X.50	
6	52914GT	SCREW,HHTAPTITE THREAD8-32X.38	
7	32317GT	SCREW,HHC,3/8-24 X 1 GR 8 YEL	
8	6021GT	WASHER, LOCK, .375	
9	77981GT	PUMP,LIFT,3CC,CCW***	1
9-	77990GT	KIT,SEAL,3CC PUMP***	

602.1 Function Manifold



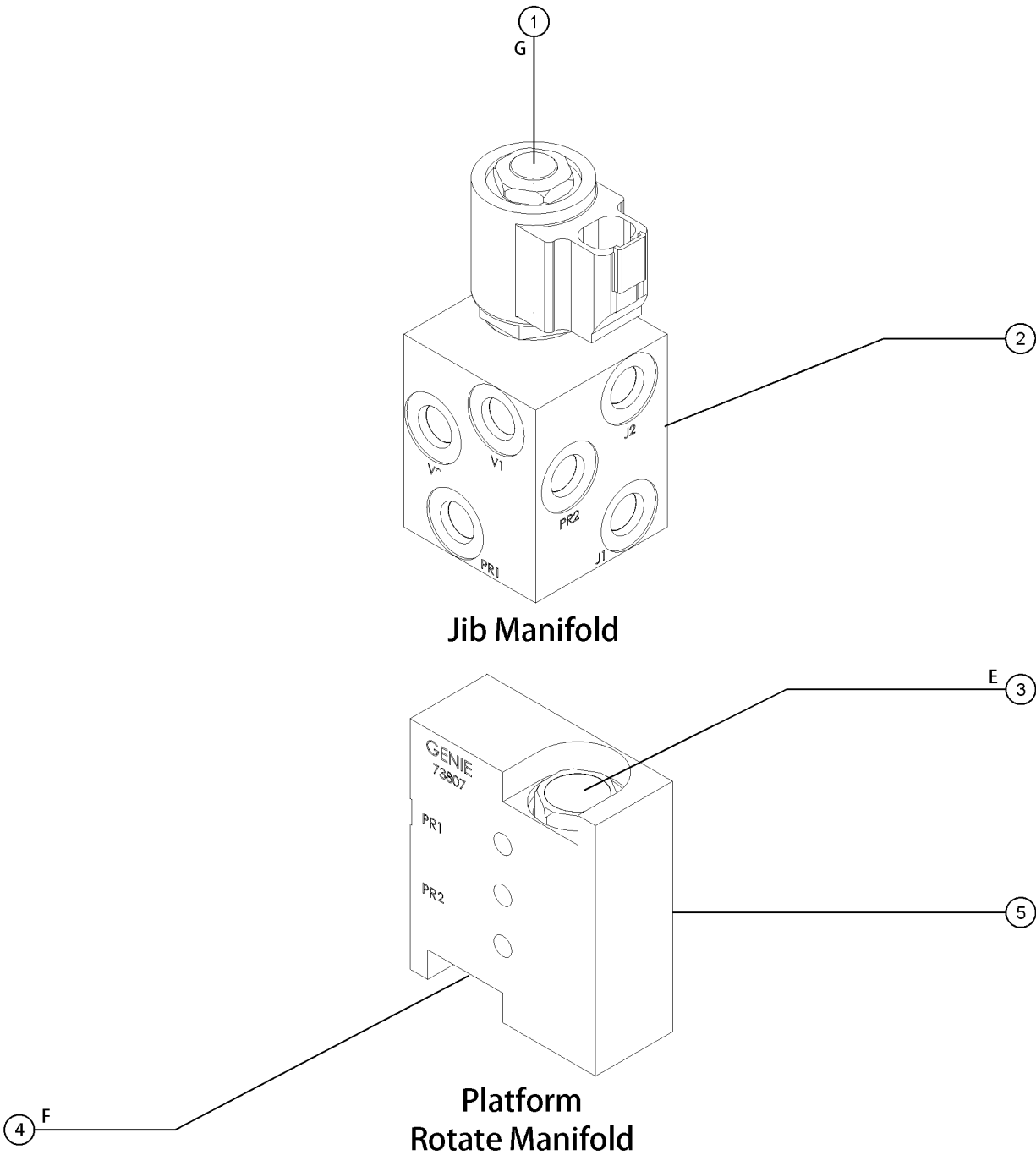
Item	Part No.	Description	Qty.
	94860GT	MANIFOLD,FUNCTION DC/BI***	
1	52897GT	VALVE,SOLENOID, 2POS/3WAY***	
		A, Primary boom retract	
1-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
1-	52371GT	SEAL KIT, VALVE	
2	39346GT	VALVE,SOLENOID 3 POS.4 WAY***	
		B, Primary boom up/down	
2-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
2-	44229GT	SEAL KIT, VALVE	
3	39346GT	VALVE,SOLENOID 3 POS.4 WAY***	
		C, Secondary boom up/down	
3-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
3-	44229GT	SEAL KIT, VALVE	
4	39346GT	VALVE,SOLENOID 3 POS.4 WAY***	
		D, Turntable rotate left/right	
4-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
4-	44229GT	SEAL KIT, VALVE	
5	39346GT	VALVE,SOLENOID 3 POS.4 WAY***	
		E, Platform rotate left/right and jib	
5-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
		boom up and down	
5-	44229GT	SEAL KIT, VALVE	
6	39346GT	VALVE,SOLENOID 3 POS.4 WAY***	
		F, Platform level up/down	
6-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
6-	44229GT	SEAL KIT, VALVE	
7	826779GT	VALVE, SHUTTLE	
		G, Platform level circuit	
8	52912GT	VALVE-SOLENOID,3POSITION,4WAY*	
		H, Steer left/right	
8-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
8-	44229GT	SEAL KIT, VALVE	
9	101057GT	VALVE,PRESS COMP,PROP DIRECT	
		I, Controls flow to functions	
9A-	101058GT	COIL,24 VDC DUAL SPADE,#8	
		(to SN 45250)	
9B	101057GT	VALVE,PRESS COMP,PROP DIRECT	
		I, Controls flow to functions	
9B-	119825GT	COIL, 24V, DEUTSCH NO DIODE	
		(from SN 45251)	
9C	218433GT	BRACKET,MUFFLER,RIGHT	
		(includes new coil 119825, coil adapter harness, and instructions)	

602.1 Function Manifold



Item	Part No.	Description	Qty.
9C-	119825GT	COIL, 24V, DEUTSCH NO DIODE	
9C-	216603GT	HARNESS, ADAPER, FLOW COIL	
10	1287986GT	SWITCH,PRESS,#6SAE,600 PSI	
		J, Brake circuit	
11	52897GT	VALVE,SOLENOID, 2POS/3WAY***	
		K, Primary boom extend	
11-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIODE	
12	94618GT	VALVE,FLOW CONTROL,.4 GPM	
		L, Platform rotate and turntable rotate circuits	
13	101055GT	VALVE,NEEDLE,FINE ADJUSTMENT**	
		M, Platform level circuit	
14	101114GT	VALVE RELIEF,2500PSI(88513)**	
		N, Platform level circuit	
15	52906GT	VALVE-RELIEF,3200 PSI	
		O, System relief	
16	52907GT	VALVE-CHECK, #4 SAE, 5 PSI*	
		P, Brake circuit	
17	52910GT	ORIFICE PLUG, 0.060	
		Q, Steer circuit	
18	101067GT	ORIFICE PLUG,030,1/16-27 NPT	
		R, Proportional valve circuit	
19	101056GT	VALVE,DIRECTIONAL,2-WAY,3 POS	
		S, Brake circuit	
19-	84385GT	COIL,20VDC DEUTCSH W/DIODE	
19-	101067GT	ORIFICE PLUG,030,1/16-27 NPT	
		T, Brake circuit	
19-	1297587GT	ORIFICE DISK, .025#6101025	
		(China Market)	
20	48912GT	CONN,520120-4-6***	
21	129021GT	ORIFICE PLATE,0.037"	
		U	
22	75453GT	VALVE,CHECK,DUAL PILOT***	
		V, Platform level circuit	
23	101277GT	VALVE,RELIEF,2100 PSI***	
		W, Secondary boom down circuit	

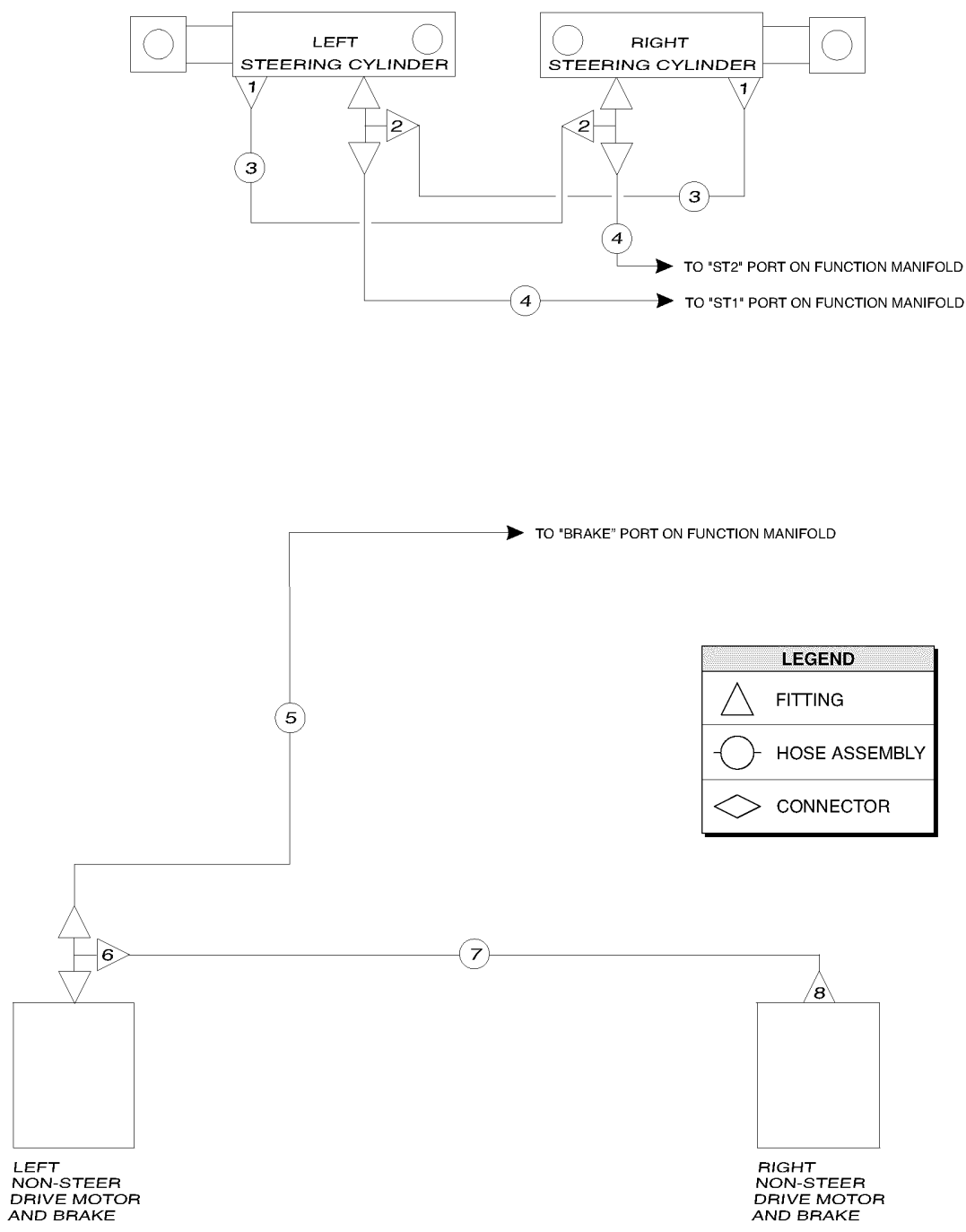
603.1 Jib Boom and Platform Rotate Manifolds



603.1 Jib Boom and Platform Rotate Manifolds

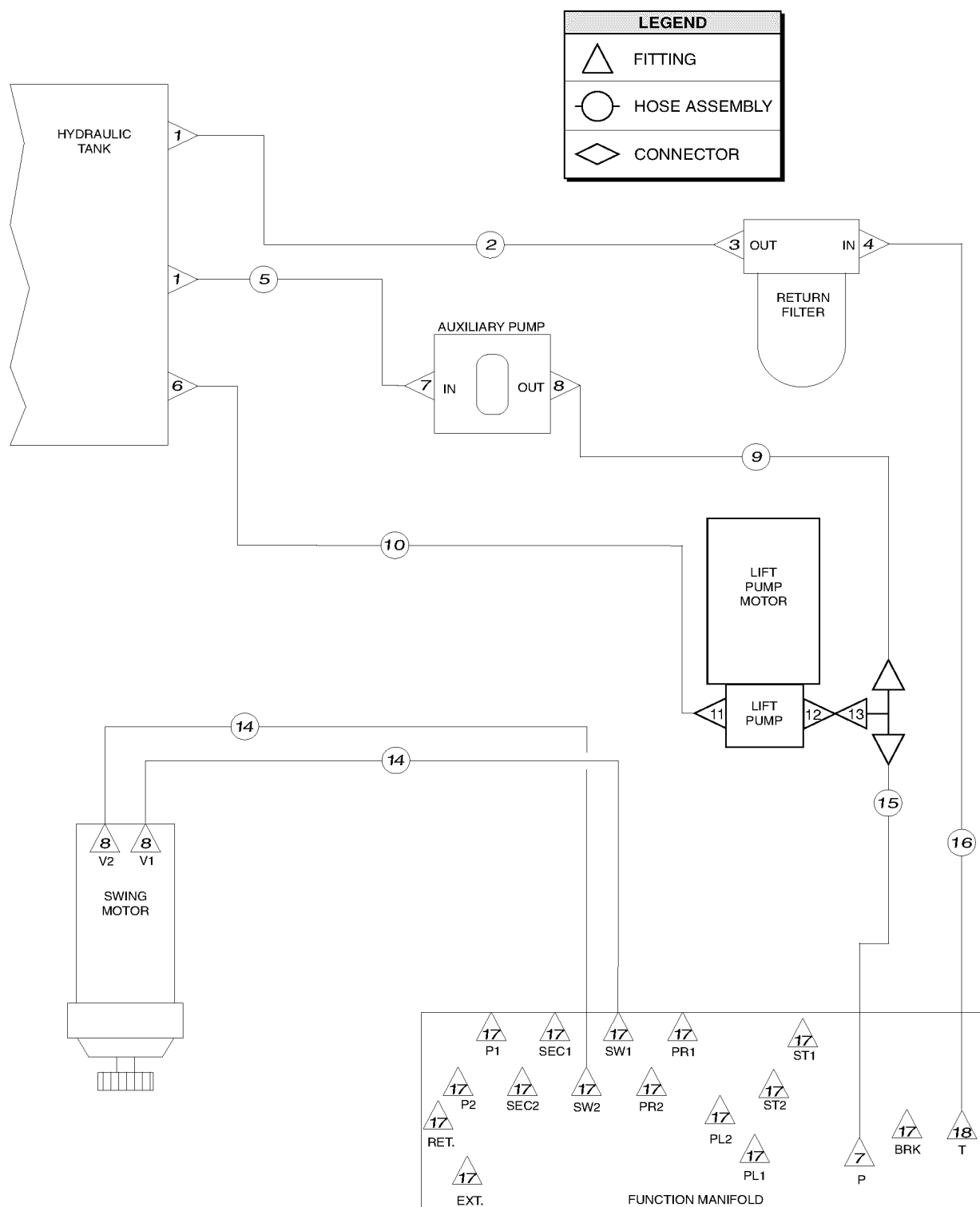
Item	Part No.	Description	Qty.
1	89862GT	VALVE-SOLENOID,2POS 3WAY,JIB** (G, Jib boom / platform rotate select) (to SN 15A-54807) (for 94859GT, check PN on jib manifold before ordering)	...
1A-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD (to SN 15A-54807)	
1A-	89864GT	SEAL KIT,SOLENOID VALVE, SV07 (to SN 15A-54807)	
1B	52897GT	VALVE,SOLENOID, 2POS/3WAY*** (from SN 15A-54808) (for 1267570GT, check PN on jib manifold before ordering)	
1B-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD (from SN 15A-54808)	
1B-	44174GT	NUT-COIL SHORT (from SN 15A-54808)	
1B-	52371GT	SEAL KIT, VALVE (from SN 15A-54808)	
2B	1267570GT	MANIFOLD,JIB SELECT,20V***	
3	62506GT	VALVE - COUNTERBALANCE** E, Platform Rotate Right Circuit	
3-	43018GT	SEAL KIT (39345)	
4	62506GT	VALVE - COUNTERBALANCE** F, Platform Rotate Left Circuit	
4-	43018GT	SEAL KIT (39345)	
5	73807GT	MANIFOLD,ROTATOR,CB***	
5-	62507GT	O-RING, ROTATOR MANIFOLD Manifold to Platform Rotator	

701.1 Drive and Steer Hoses



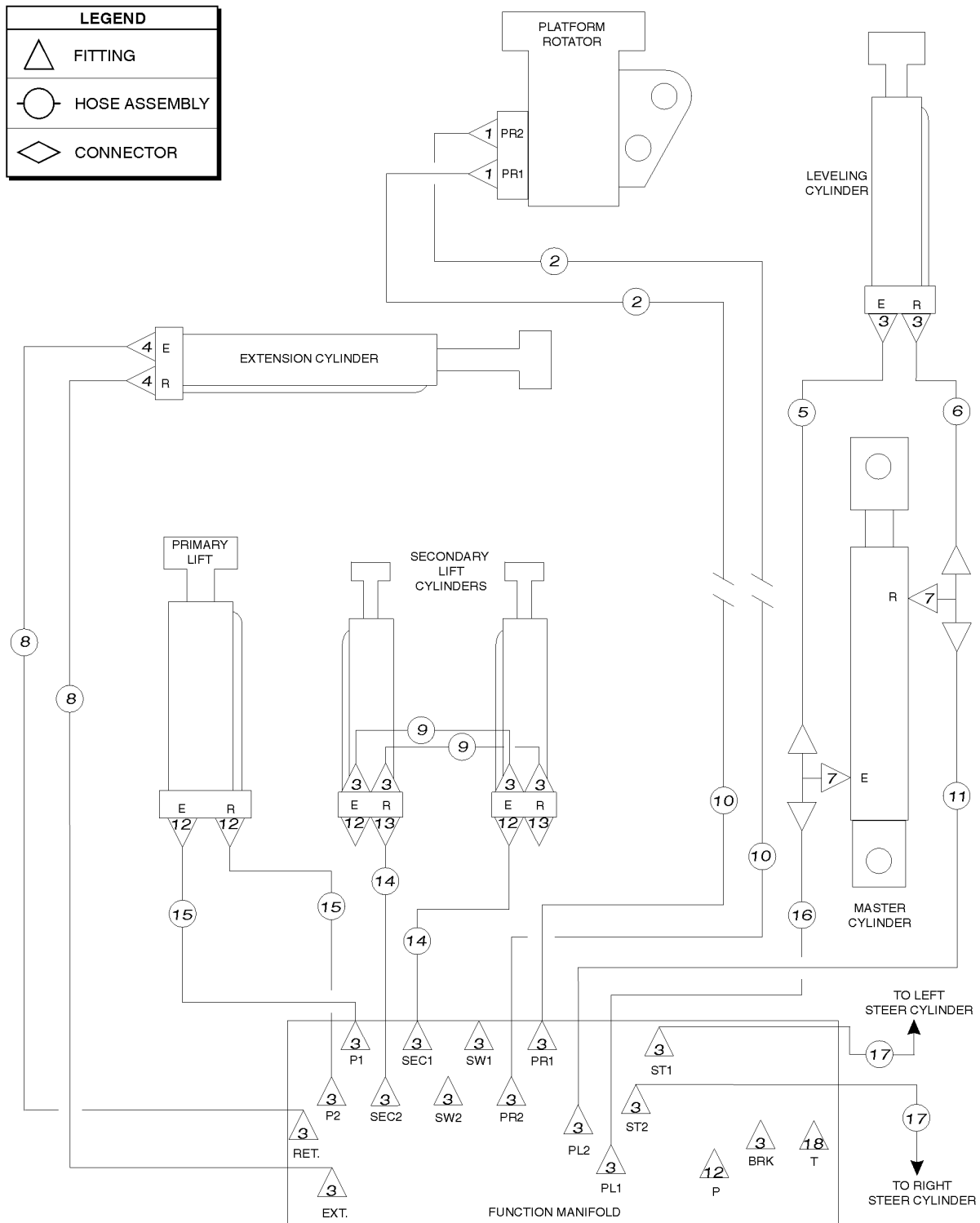
701.1 Drive and Steer Hoses

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	28750GT	O-RING KIT, FIELD SVC, ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE, 37? **	
	49613GT	PLUG AND CAP KIT-SERVICE, ORFS*	
1	48904GT	ELBOW, 90D, 520220-4	2
2	48906GT	TEE, RUN, 520428-4	2
3	49119-2078GT	HOSE ASSY, 1/4, STR FEM, STR FEM*	2
4	49117-11091GT	HOSE ASSY, 1/4, 90 FEM, STR FEM	2
5	49117-9991GT	HOSE ASSY, 1/4, 90 FEM, STR FEM	1
6	48890GT	FITTING, TEE, BRANCH, 520429-4 ***	1
7	49117-4691GT	HOSE ASSY, 1/4, 90 FEM, STR FEM	1
8	48904GT	ELBOW, 90D, 520220-4	1



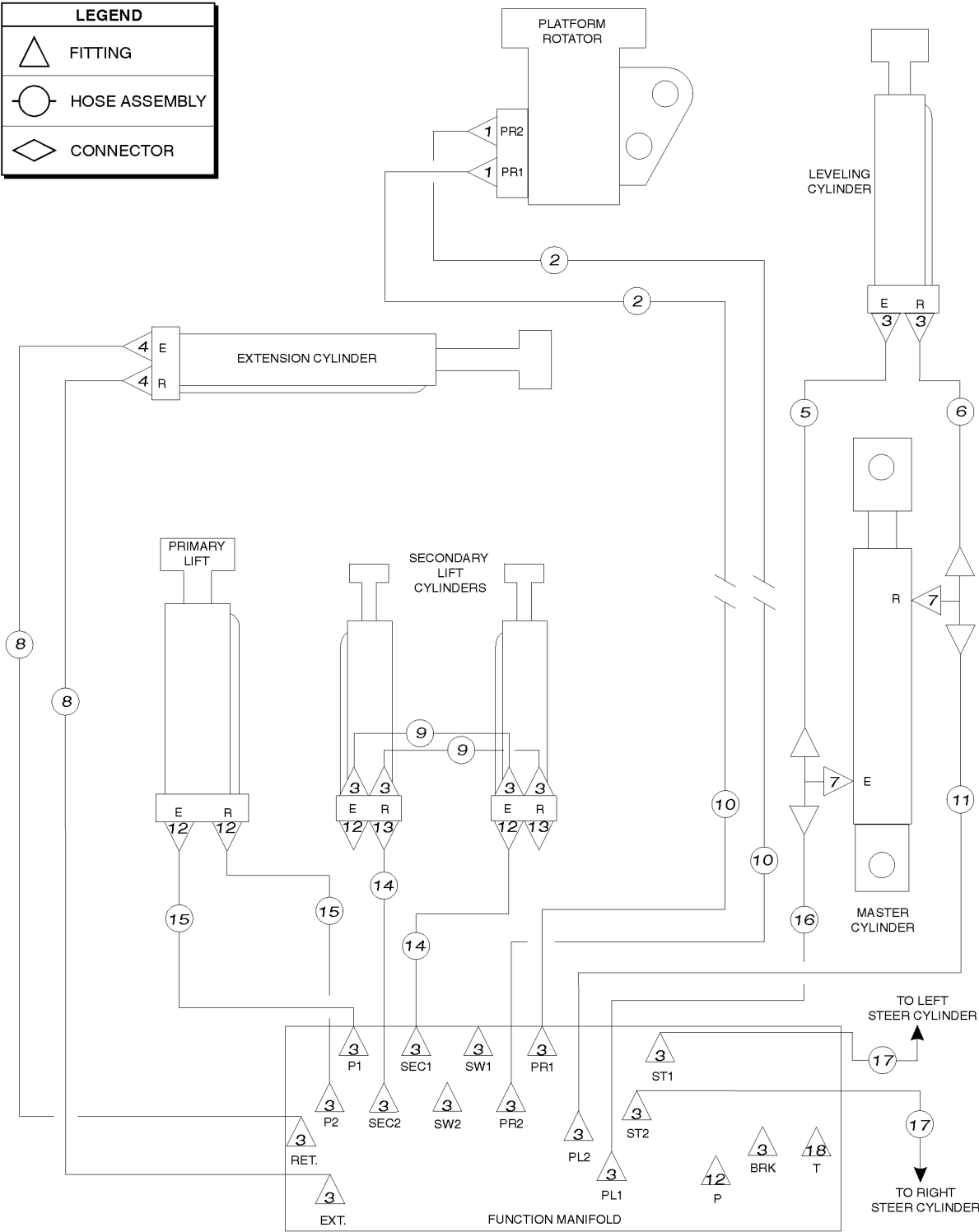
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT, FIELD SVC, ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE, 37?***	
	49613GT	PLUG AND CAP KIT-SERVICE, ORFS*	
1	48944GT	CONN, 520102-8-8	2
2	49143-2535GT	HOSE ASSY, 1/2, 90 FEM, STR FEM	1
3	48947GT	ELBOW, 90D, 520220-8-12	1
4	48948GT	CONN, 520120-8-12	1
5	77059-2986GT	HOSE ASSY, MULTI USE***	1
6	45162GT	STRAINER ASSEMBLY, 1.25" NPT*** from SN 27000	
7	48916GT	CONN, 520120-6	2
8	48911GT	ELBOW, 90D, 520220-4-6***	3
9	49164-2043GT	HOSE ASSY 1/4, 90 DEG FEM, STR F to SN 40593	1
9B	1290338-2050GT	ASSY, HOSE, HYD, -4, 3250, STR, STR from SN 40594	
10	119812-4126GT	ASSY, HOSE, 1/2, STR FEM, STR FEM	
10B	94374-2205GT	HOSE ASSY, 3/4, 90D, STR FEM from SN 40594 to 44811	
10C	102313-2394GT	ASSY, HOSE, HYD, -12, 4000, STR, 45 DC only from SN Z452512A-44812	
10D	94374-2205GT	HOSE ASSY, 3/4, 90D, STR FEM BE only from SN Z452512A-44812	
11	48975GT	CONN, 520120-12-10	1
12	48999GT	VALVE, CHK, #8PORT-#8MALEORFS	1
13	48939GT	TEE, BRANCH, 520433-8	1
14	49119-3378GT	HOSE ASSY, 1/4, STR FEM, STR FEM	2
15	77059-2986GT	HOSE ASSY, MULTI USE*** to SN Z452512A-44811	1
15C	1290351-3925GT	ASSY, HOSE, HYD, -8, 4250, STR, 90 DC only from SN Z452512A-44812	
15D	1290351-3925GT	ASSY, HOSE, HYD, -8, 4250, STR, 90 BE only from SN Z452512A-44812	
16	49143-2029GT	HOSE ASSY, 1/2, 90 FEM, STR FEM*	1
17	48912GT	CONN, 520120-4-6***	15
18	48942GT	ELBOW, 90, 24 C5OLO-S	1

703.1 Boom Components - Z-45/25



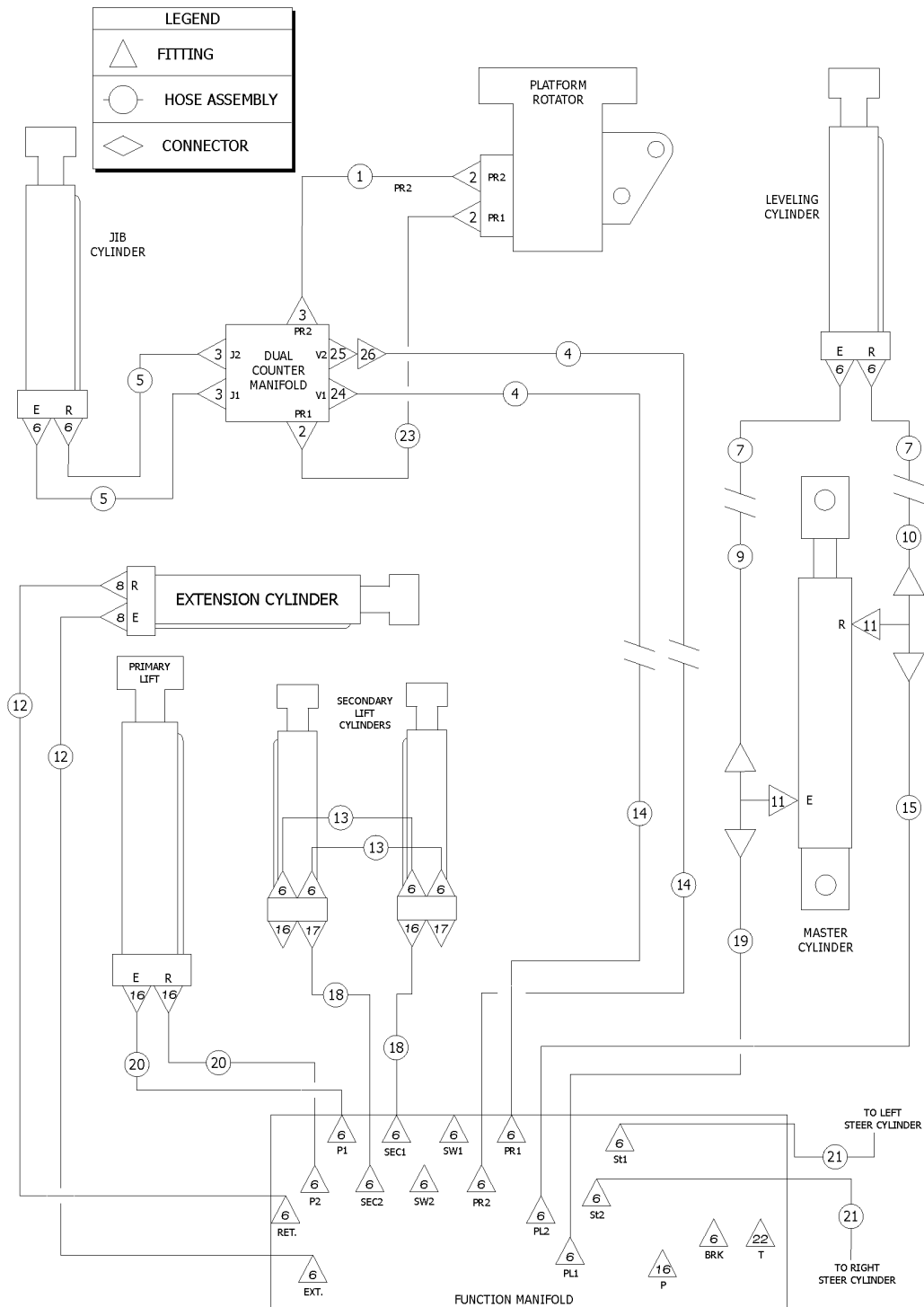
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT, FIELD SVC, ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE, 37? **	
	49613GT	PLUG AND CAP KIT-SERVICE, ORFS*	
	77103GT	SLEEVE, NYLON, 3.13 ID protective hose sleeve, 3.13" diameter	27 in ch es
	77103GT	SLEEVE, NYLON, 3.13 ID protective hose sleeve, 3.13" diameter	48 in ch es
	48767GT	SLEEVE, NYLON, 1.42 ID protective hose sleeve, 1.42" diameter	25 in ch es
	48767GT	SLEEVE, NYLON, 1.42 ID protective hose sleeve, 1.42" diameter	33 in ch es
	28678GT	SLEEVE, NYLON, 2" I.D., BULK(100') protective hose sleeve, 2.00" diameter	18 in ch es
	28678GT	SLEEVE, NYLON, 2" I.D., BULK(100') protective hose sleeve, 2.00" diameter	23 in ch es
	28678GT	SLEEVE, NYLON, 2" I.D., BULK(100') protective hose sleeve, 2.00" diameter	28 in ch es
1	48904GT	ELBOW, 90D, 520220-4	2
2	49119-27978GT	HOSE ASSY, 1/4, STR FEM, STR FEMM to SN Z452512A-44811	2
2B	49121-25688GT	HOSE ASSY 1/4, STR FEM, STR MALE from SN Z452512A-44812	
3	48912GT	CONN, 520120-4-6 ***	21
4	48917GT	CONN, LONG, 520122-6	2
5	49119-26078GT	HOSE ASSY, 1/4, STR FEM, STR FEM to SN 38910	1
5B	49119-26078GT	HOSE ASSY, 1/4, STR FEM, STR FEM from SN 38911	
6	49119-27478GT	HOSE ASSY, 1/4, STR FEM, STR FEM to SN 38910	1
6B	49119-27478GT	HOSE ASSY, 1/4, STR FEM, STR FEM from SN 38911	
7	48919GT	TEE, BRANCH, 520429-6	2
8	49120-33381GT	HOSE ASSY 1/4, STR FEM, STR FEM	2
9	49119-2078GT	HOSE ASSY, 1/4, STR FEM, STR FEM* to SN 38910	2
9B	49119-2278GT	HOSE ASSY, 1/4, STR FEM, STR FEM from SN 38911 to 44811	

703.1 Boom Components - Z-45/25



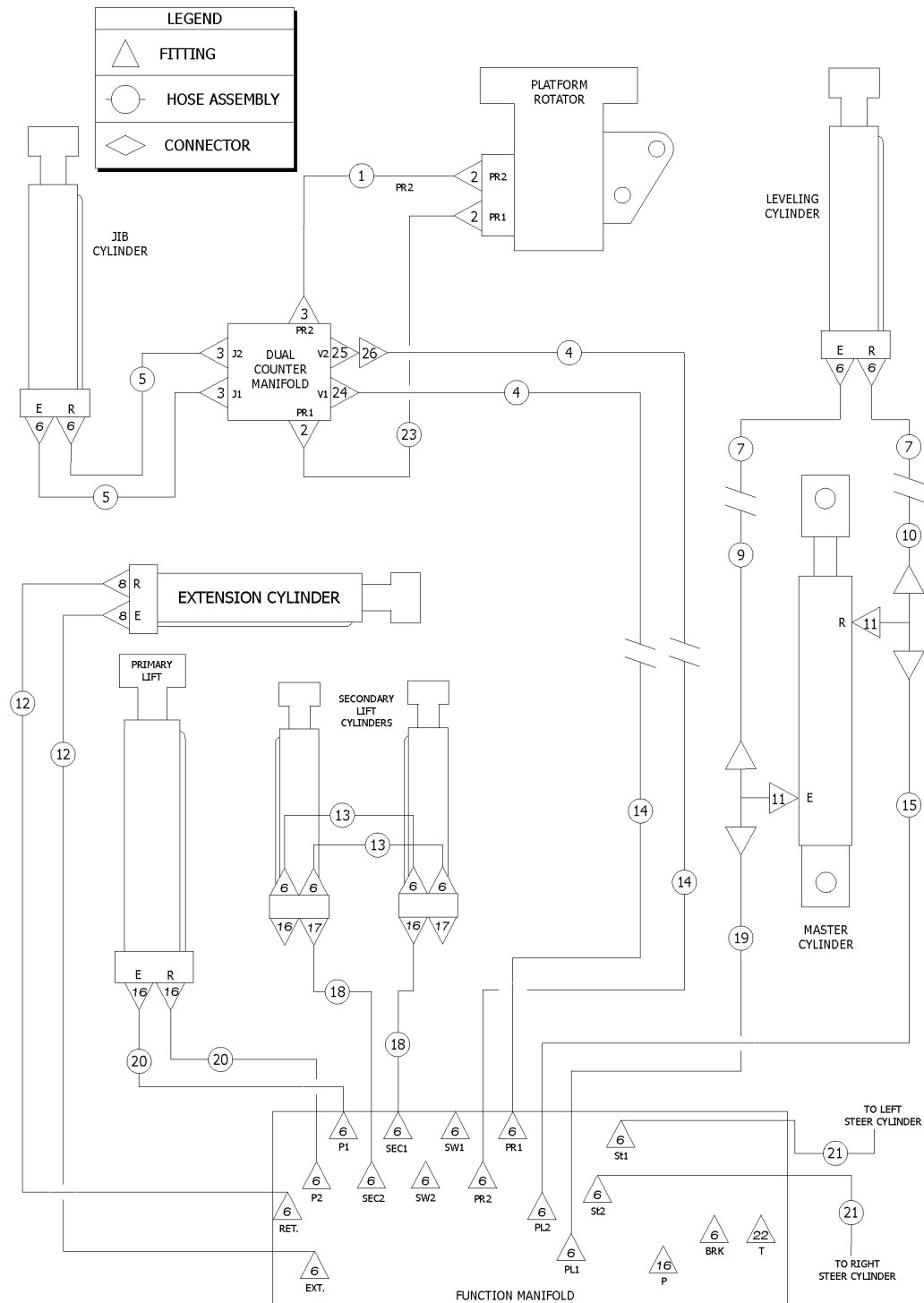
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
9C	49119-2178GT	HOSE ASSY, 1/4, STR FEM, STR FEM from SN Z452512A-44812	
10	49119-37978GT	HOSE ASSY, 1/4, STR FEM, STR FEM to SN 38910	2
10B	49119-39378GT	HOSE ASSY, 1/4, STR FEM, STR FEM from SN 38911	
11	49119-34378GT	HOSE ASSY, 1/4, STR FEM, STR FEM	1
12	48916GT	CONN, 520120-6	5
13	48923GT	PLUG, 090109A-6	2
14	49119-13978GT	HOSE ASSY, 1/4, STR FEM, STR FEM	2
15	49119-36378GT	HOSE ASSY, 1/4, STR FEM, STR FEM	2
16	49119-35678GT	HOSE ASSY, 1/4, STR FEM, STR FEM	1
17		Ref. Hose Assembly (refer to 801.1)	
18	48942GT	ELBOW, 90, 24 C5OLO-S	1

704.1 Boom Components - Z-45/25J



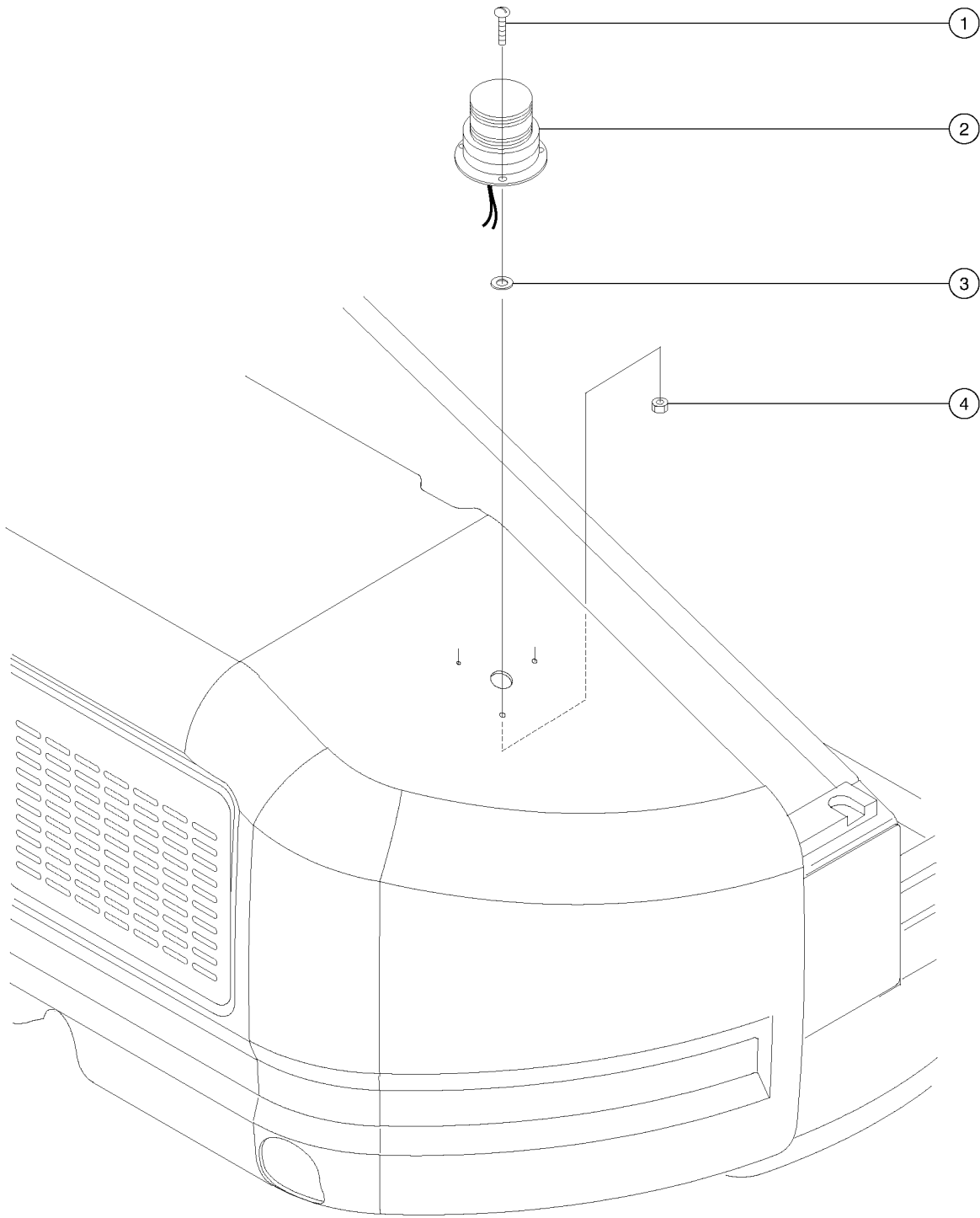
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT, FIELD SVC, ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE, 37? **	
	49613GT	PLUG AND CAP KIT-SERVICE, ORFS*	
	28678GT	SLEEVE, NYLON, 2" I.D., BULK (100')	23 in ch es
	48767GT	SLEEVE, NYLON, 1.42 ID	7 in ch es
1	49119-2078GT	HOSE ASSY, 1/4, STR FEM, STR FEM* to SN 38910	1
1B	49119-2374GT	ASSY, HOSE, HYD, -4, 3250, STR, STR from SN 38911	
2	48904GT	ELBOW, 90D, 520220-4	3
3	48905GT	CONNECTOR, 520120-4	3
4	49121-27788GT	HOSE ASSY 1/4, STR FEM, STR MALE	2
5	49119-4178GT	HOSE ASSY, 1/4, STR FEM, STR FEM	2
6	48912GT	CONN, 520120-4-6***	23
7	49121-2088GT	HOSE ASSY 1/4, STR FEM, STR MALE	2
8	48917GT	CONN, LONG, 520122-6	2
9	49119-20578GT	HOSE ASSY, 1/4, STR FEM, STR FEM	1
10	49119-21878GT	HOSE ASSY, 1/4, STR FEM, STR FEM	1
11	48919GT	TEE, BRANCH, 520429-6	2
12	49120-33381GT	HOSE ASSY 1/4, STR FEM, STR FEM	2
13	49119-2078GT	HOSE ASSY, 1/4, STR FEM, STR FEM* to SN 38910	2
13B	49119-2278GT	HOSE ASSY, 1/4, STR FEM, STR FEM from SN 38911	
14	49119-37978GT	HOSE ASSY, 1/4, STR FEM, STR FEM	2
15	49119-34378GT	HOSE ASSY, 1/4, STR FEM, STR FEM	1
16	48923GT	PLUG, 090109A-6	4
17	48916GT	CONN, 520120-6	1
18	49119-16178GT	HOSE ASSY, 1/4, STR FEM, STR FEM to SN 38910	2
18B	49119-13978GT	HOSE ASSY, 1/4, STR FEM, STR FEM from SN 38911	

704.1 Boom Components - Z-45/25J



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
19	49119-35678GT	HOSE ASSY, 1/4, STR FEM, STR FEM	1
20	49119-36378GT	HOSE ASSY, 1/4, STR FEM, STR FEM	2
21	49117-11091GT	HOSE ASSY, 1/4, 90 FEM, STR FEM	1
22	48942GT	ELBOW, 90, 24 C5OLO-S	1
23	49119-2078GT	HOSE ASSY, 1/4, STR FEM, STR FEM* to SN 38910	1
23B	49119-2374GT	ASSY, HOSE, HYD, -4, 3250, STR, STR from SN 38911 to 44811	
23C	49119-2224GT	ASSY, HOSE, HYD, -4, 3250, STR, STR from Z452512A-48812	
24	48905GT	CONNECTOR, 520120-4 to SN Z4525D-2610	1
24B	1293787GT	No.4 90DEG ORFS W/125 MICRON SCREEN from SN Z4525D-2611	1
25	48905GT	CONNECTOR, 520120-4 to SN Z4525D-2610	1
25B	1293788GT	No.4 STR ORFS W/125 MICRON SCREEN from SN Z4525D-2611	1
26	54132GT	ELBOW, SWIVEL 90D, 520221-4	1

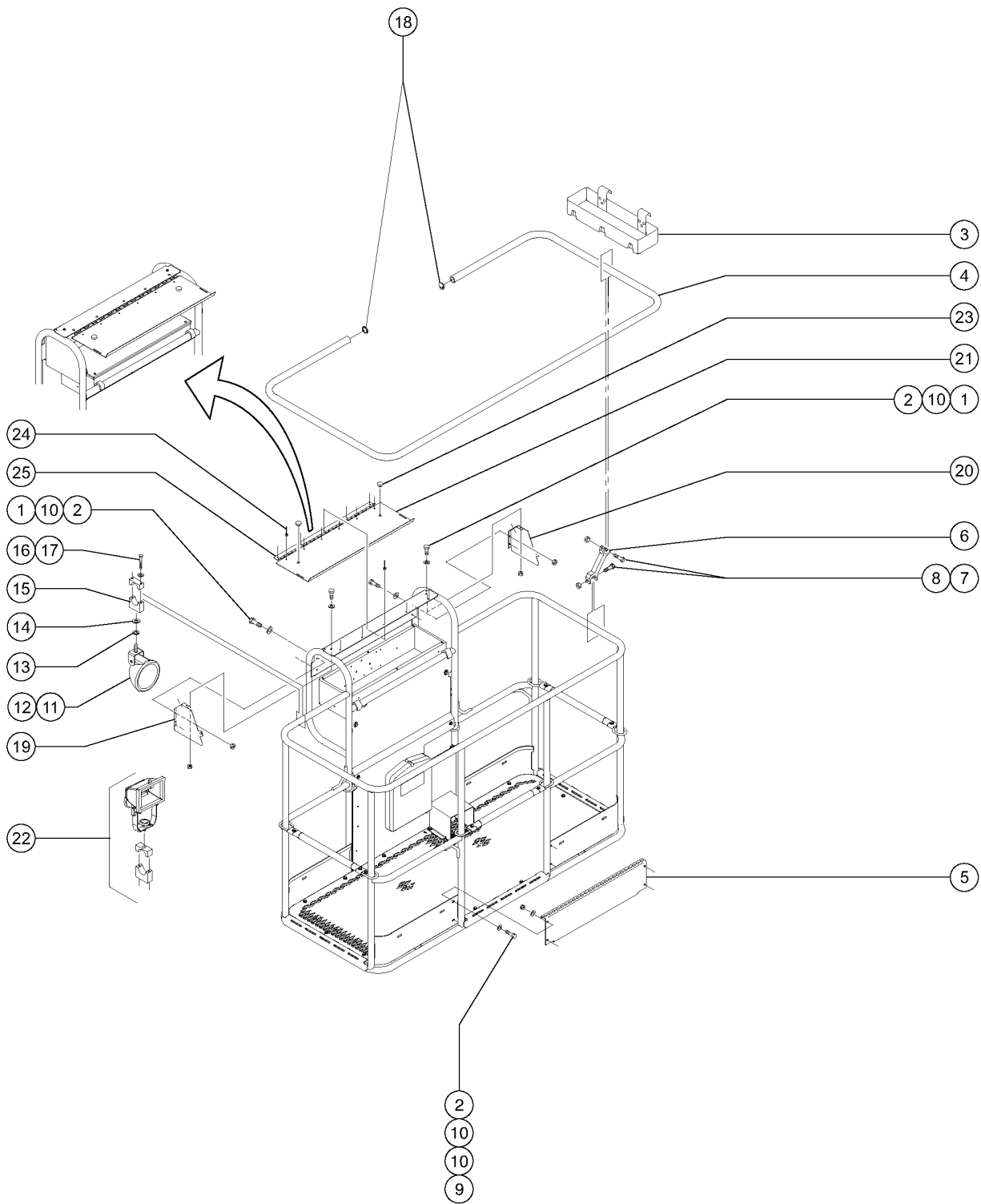
801.1 Flashing Beacon



801.1 Flashing Beacon

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	826516GT	SCREW, PHPM, 10-32 X 1.0, ZAG	3
2	56704GT	STROBE, FIREBOLT, 12-80VDC, AMB** (replaced 20189)	1
2-	72282GT	LENS, AMBER, STROBE, FIREBOLT	
2-	122019GT	FLASHTUBE, U SHAPED, 360DEG, BULB	
2-	226393GT	FLASHTUBE, STRAIGHT, 360DEG, BULB	
3	35461GT	WASHER, FLAT, MS, #8, Y	
4	1264261GT	NUT, SERRATED, 10-32, ZAG	3

802.1 Platform Options

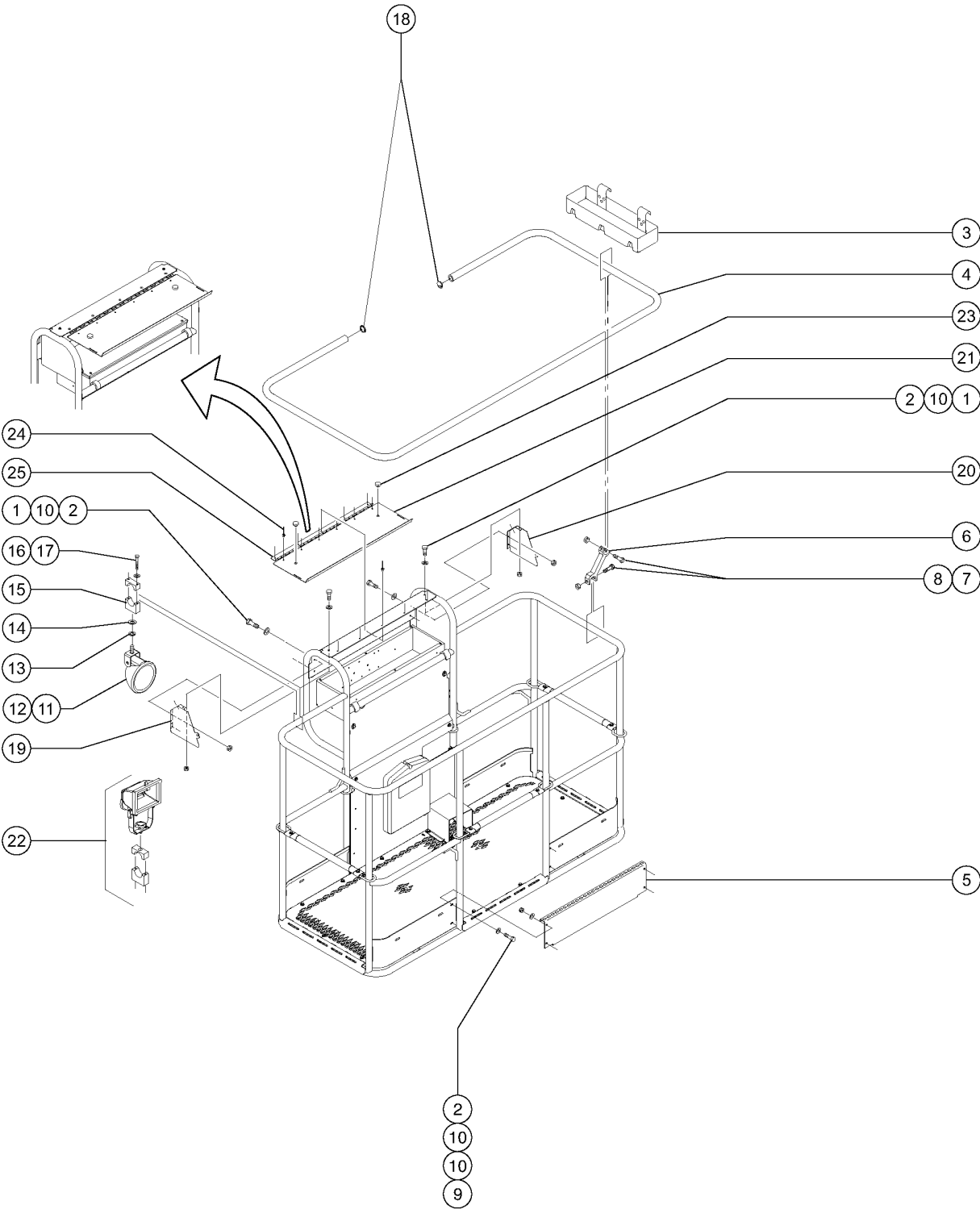


802.1 Platform Options

Item	Part No.	Description	Qty.
	28323GT	OPTION,PLAT.PINCH GUARD,4 FT.	
	28322GT	OPTION,PLAT.PINCH GUARD,5 FT.	
	53157-SGT	PINCH GUARD,6'(1.31")SERVICE**	
	53808-SGT	AUX TOP RAIL,6'(1.25")SERVICE	
	53807-SGT	AUX TOP RAIL,8'(1.25")SERVICE	
	122278GT	AUX TOP RAIL,6',SWG GT, SRV	
	122279GT	AUX TOP RAIL,8',SWG GT, SRV	
	88609-SGT	CONTROL BOX COVER ASSY*** includes mounting fasteners	
	60922GT	OPTION,EURO TOEBOARD includes item 5	
1	7339GT	SCREW,HHC,1/4-20 X .5	
2	6091GT	NUT,NYLOCK,1/4-20	
3	9599-SGT	TOOL TRAY ACCESSORY***	1
3-	7746GT	BRACKET-TOOL TRAY MOUNTING	2
4	28329GT	RAILING,PINCH GAURD,4 FT	1
4-	28328GT	RAILING,PINCH GAURD,5 FT.	
5	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
6	139958GT	KIT, AUX TOP RAIL SUPPORT to SN 34908	10
6-	122073GT	SUPPORT, RAILING from SN 34909	20
7	4266GT	SCREW,HHC,1/4-20 X 2 to SN 34908	
7-	122231GT	SCREW,BHSC,1/4-20 X 1 from SN 34909	
8	6889GT	NUT,LP NYLOCK,1/4-20	
9	8914GT	SCREW, HHC, 1/4-20 X .625	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	107857GT	LIGHT, 12 VOLT replaces 34321GT, customers may need to buy a mounting bracket (35956GT) and other hardware for complete install	2
11A-	35960GT	BULB,WORKLIGHT,12V 35W	
11A-		REF: Harness, Z45 Drive Lights refer to 410.1, 411.1 or 412.1	1
11B	107858GT	WORKLIGHT,48 VOLT	
11B-		REF: Harness, Z45 Drive Lights refer to 410.1, 411.1 or 412.1	1

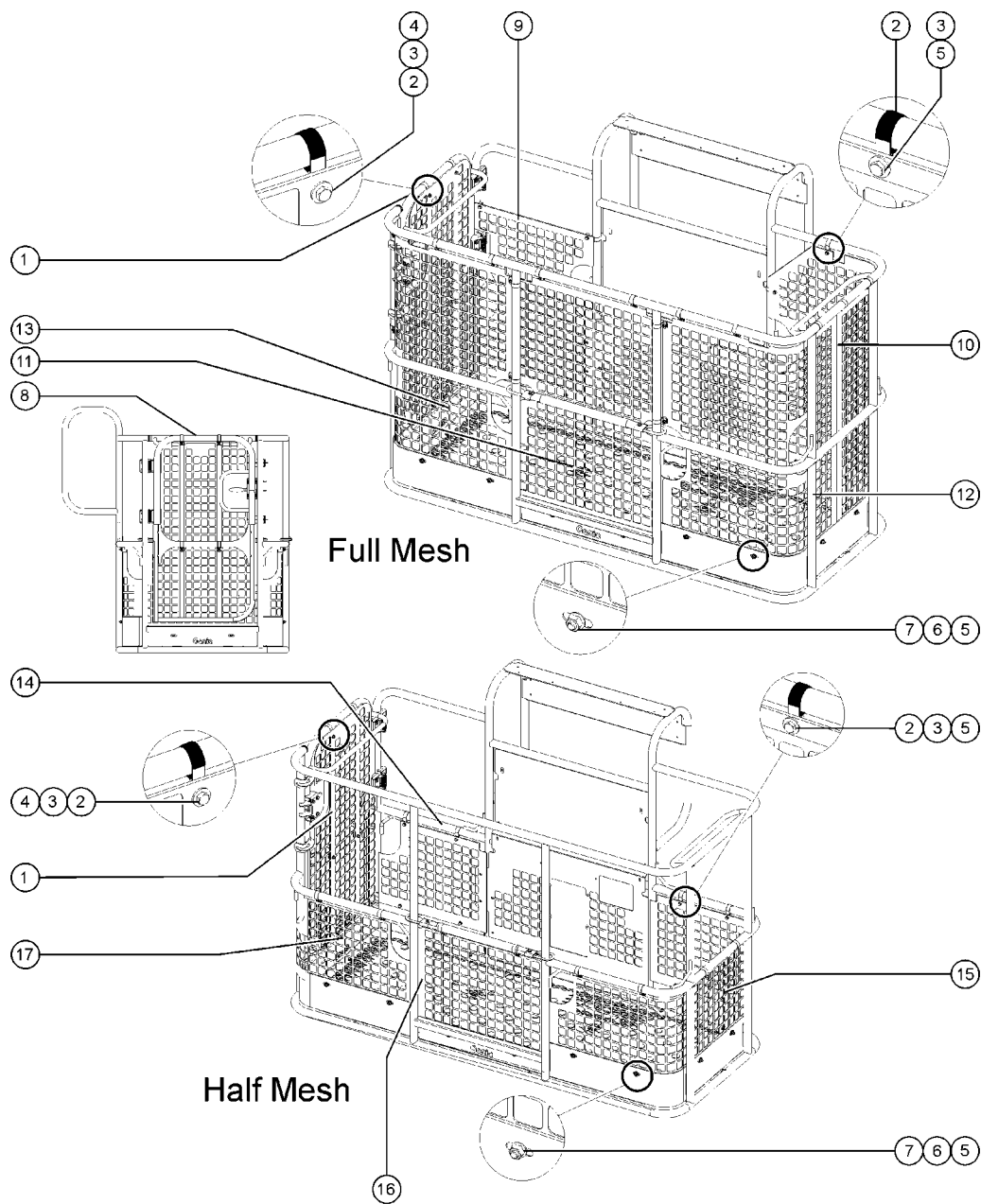


802.1 Platform Options



Item	Part No.	Description	Qty.
12	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
13	6886GT	WASHER,LOCK,.313	
14	5397GT	WASHER, FLAT, USS, 5/16-18	
15	35956GT	WORK LIGHT MOUNTING BRACKET	2
16	6145GT	SCREW, HHC, 1/4-20 X 1.5	
17	6356GT	WASHER, LOCK, .25	
18	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
19	88607PGT	COVER,CONTROL BOX LEFT SIDE***	1
20	88606PGT	COVER,CONTROL BOX RIGHT SIDE**	1
21	102785PGT	CONTROL BOX COVER,LID,PTD	1
21-	88606PGT	COVER,CONTROL BOX RIGHT SIDE** (not included - sold seperately)	1
21-	88607PGT	COVER,CONTROL BOX LEFT SIDE*** (not included - sold seperately)	1
21-	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE (not included - sold seperately)	2
21-	102786PGT	FORMING,LATCH,CTRL BOX LID PTD (not included - sold seperately)	2
21-	43392GT	BUMPER,BATTERY BOX & RAILS (not included - sold seperately)	2
22	1284764GT	WORKLIGHT,110V,250WATT,HALOGEN	2
23	34619GT	BUMPER,RUBBER***	2
24	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	
25	111526GT	HINGE,PLAT CONTROL BOX COVER	1

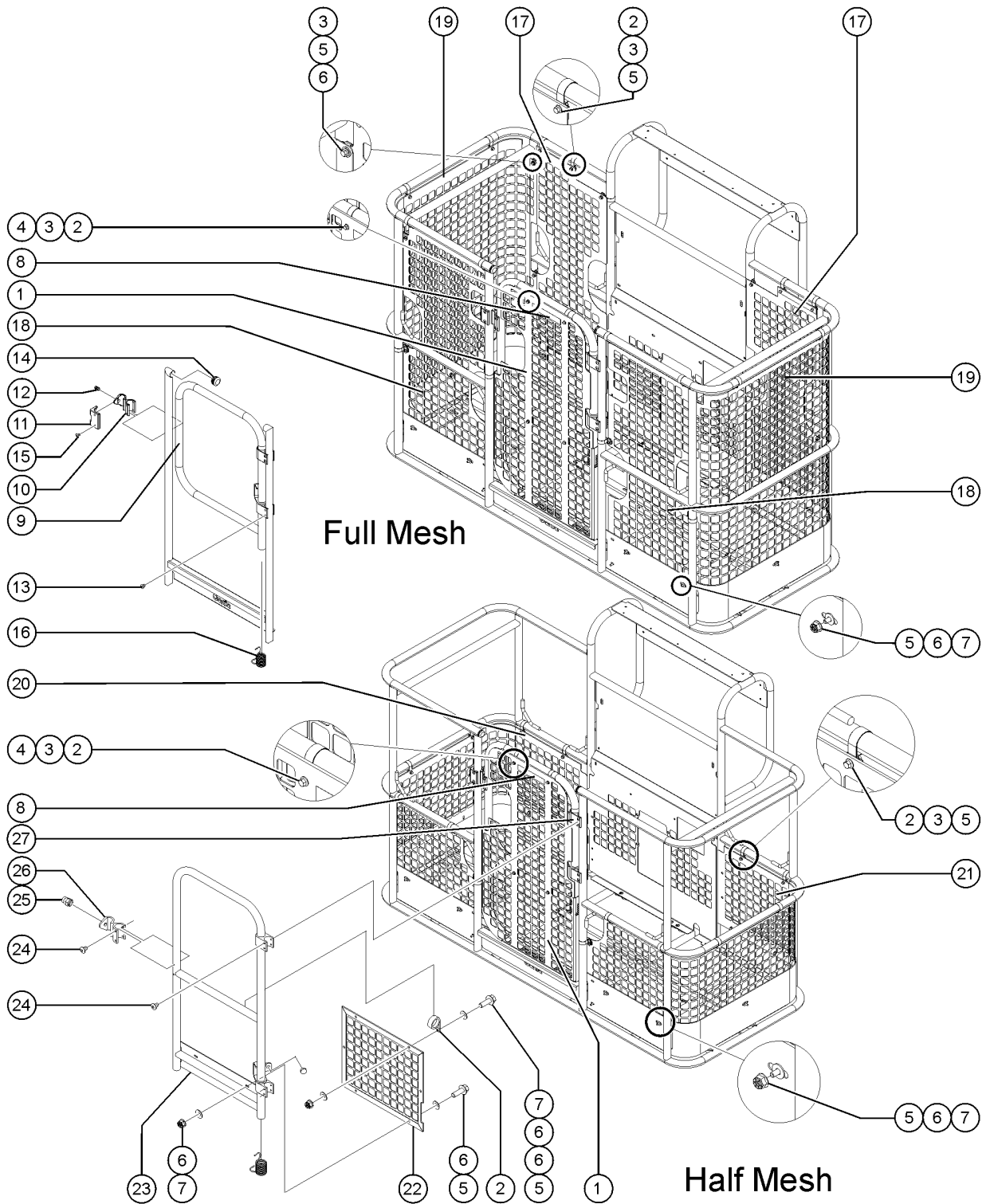
803.1 Platform Mesh-Side Swing Gate



803.1 Platform Mesh-Side Swing Gate

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

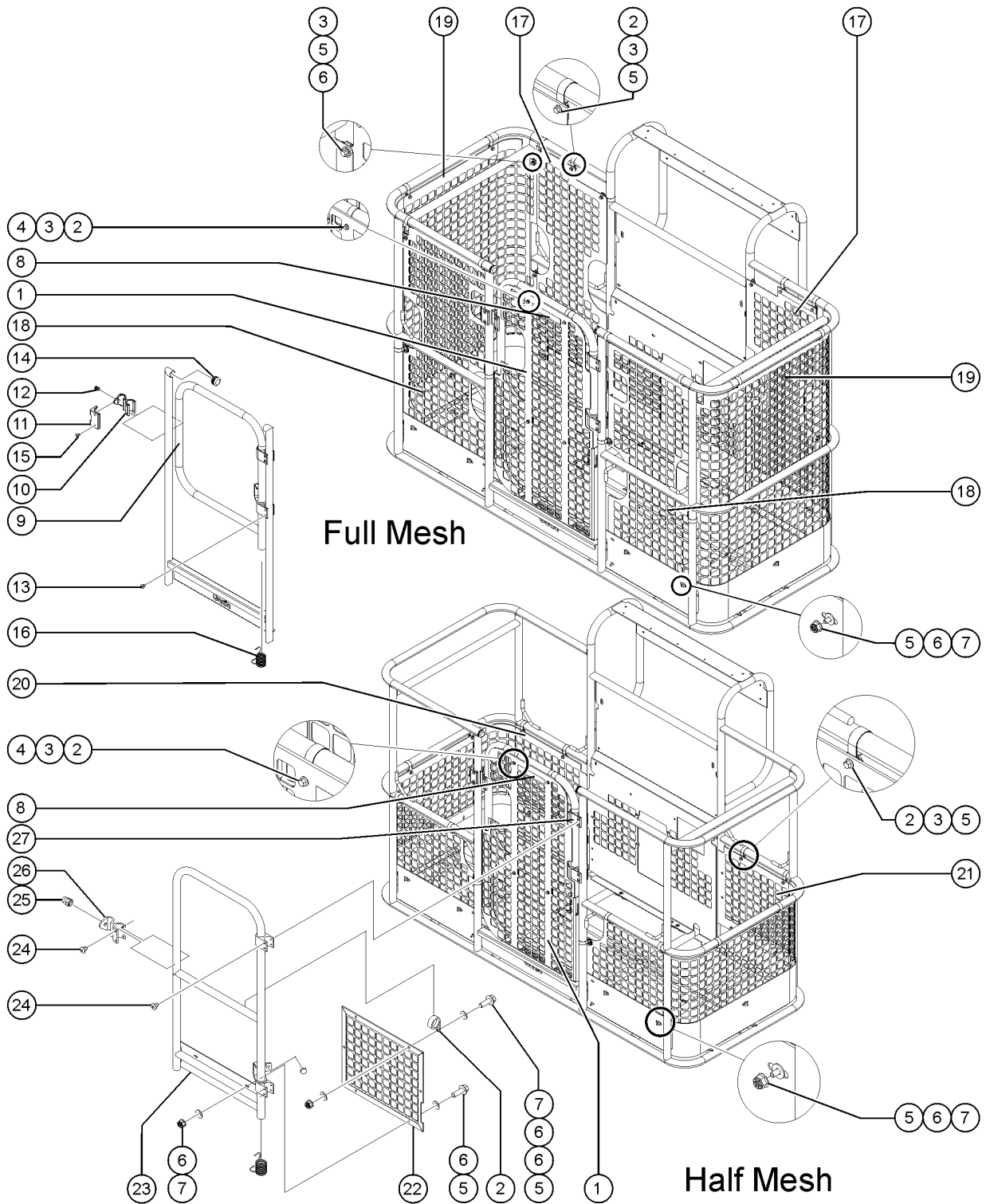
803.2 Platform Mesh-Front Single Entry



803.2 Platform Mesh-Front Single Entry

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

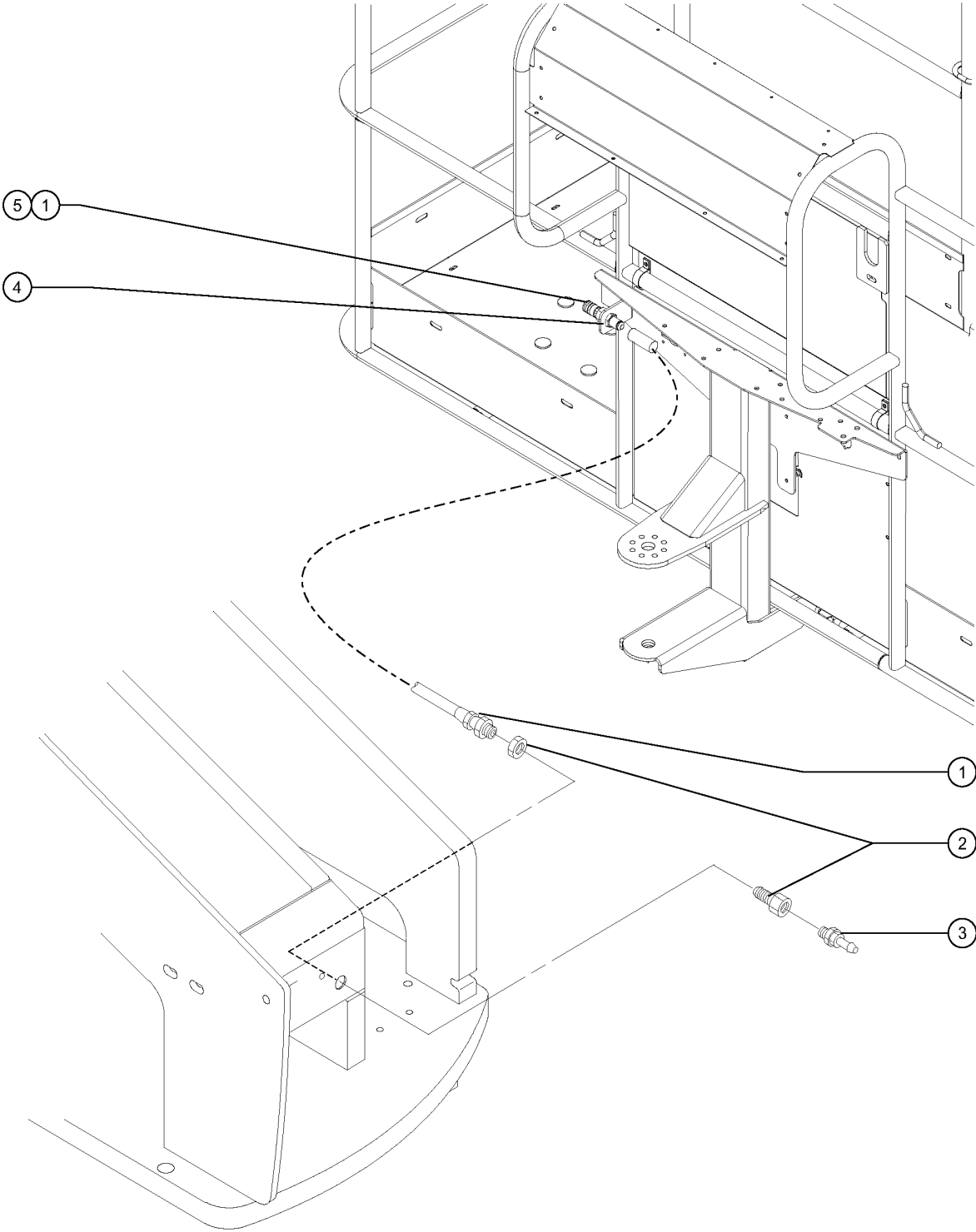
803.2 Platform Mesh-Front Single Entry



803.2 Platform Mesh-Front Single Entry

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

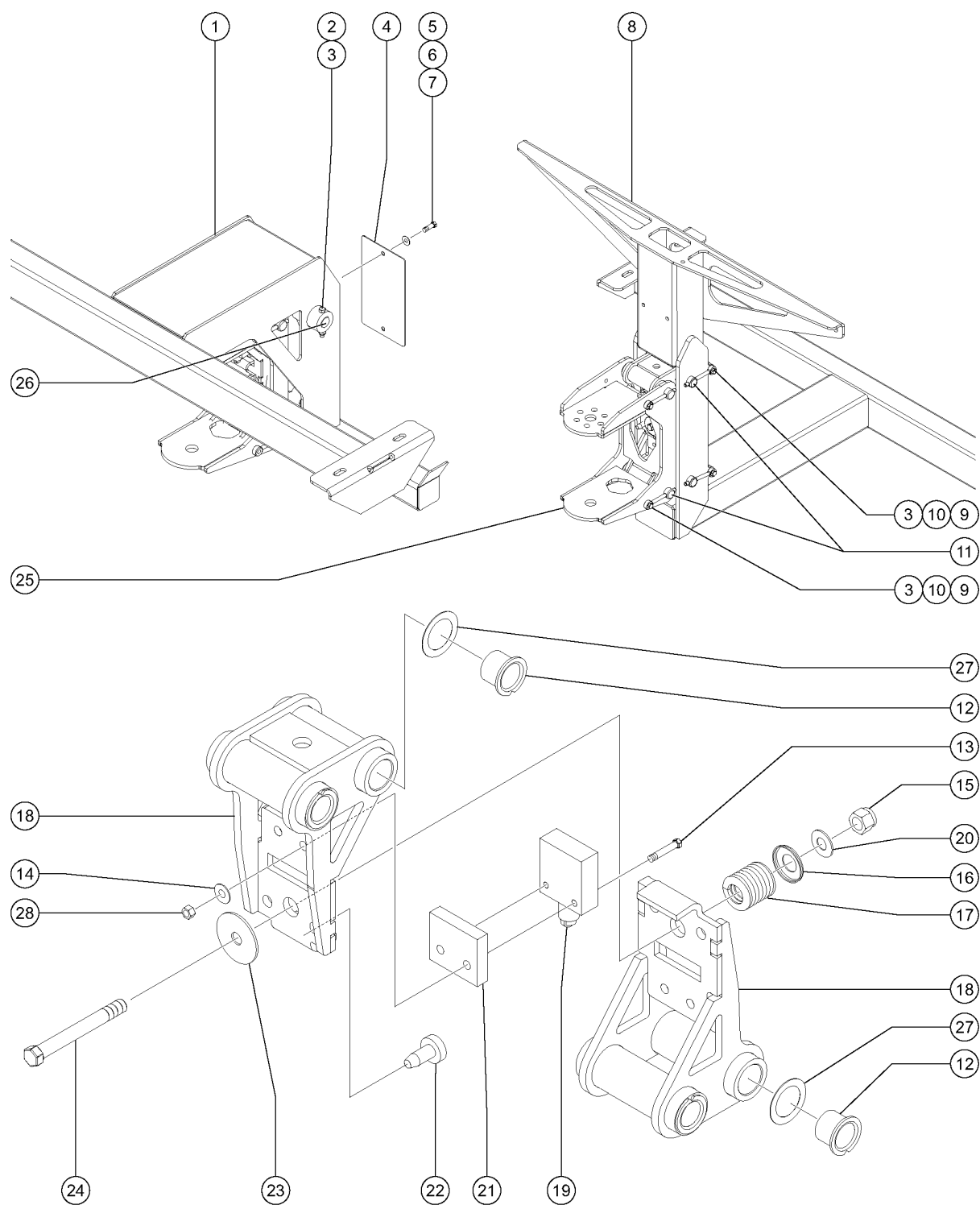
804.1 Air Line to Platform



804.1 Air Line to Platform

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	70644-75792GT	HOSE ASSY,3/8 STR FEM STR FEM*	1
1-	16073GT	CLAMP,0.63,#10 X 1/4,RUB CUSH	
2	49212GT	FEMALE BULKHEAD CONNECTOR-8	2
3	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	1
4	70642PGT	BRACKET,AIR HOSE TO PLAT PAINT	1
5	49215GT	MPT,CPLR,1/4"SER,3/8"X18	1

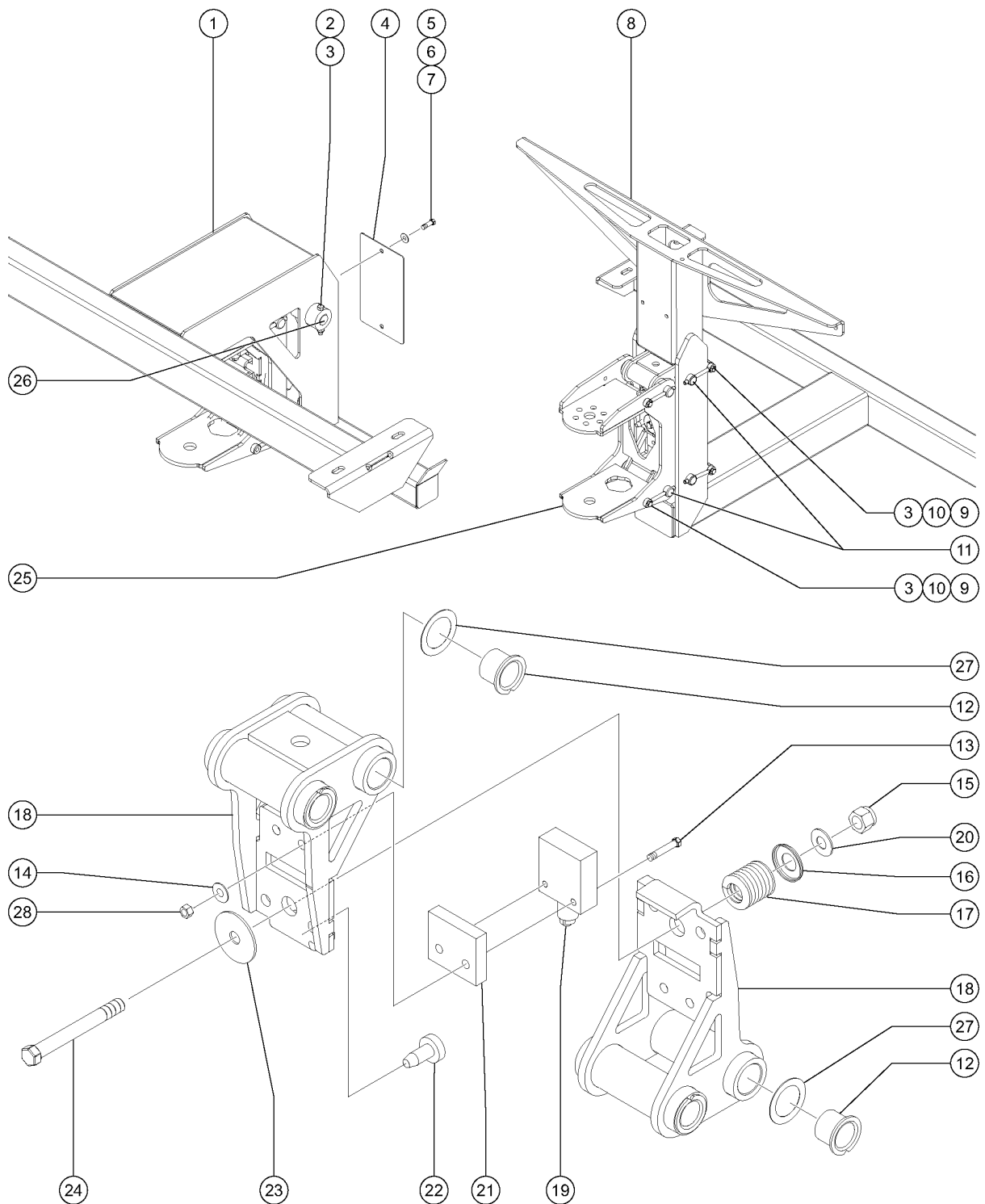
805.1 Platform Overload Option



805.1 Platform Overload Option

Item	Part No.	Description	Qty.
B-	147509GT	KIT,LOAD SENSE MECH,Z45 JIB (from SN Z4510A-39314 and from SN Z4510B-1488)	
C-	128045GT	MODULE,LOAD SENSE 2007	
2	4266GT	SCREW,HHC,1/4-20 X 2	
3	6091GT	NUT,NYLOCK,1/4-20	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	6090GT	SCREW, HHC, 1/4-20 X .75	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
8	61998GT	WELDMENT,PLATFORM SUPPORT jib models with platform overload option	1
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	825020GT	ROD END, .25 X 2.75, ZAG	
11	61726GT	PIN,0.75DIAX5.75LG,CHAMFER	4
11-	94643GT	ZERK,GREASE,5/16-24,STRAIT	
12	25685GT	BEARING,GARLOCK,12FDU12	4
13	73634GT	SCREW,PHIL,PHM,10-24X1.5 ZINC	
14	6146GT	WASHER,FLAT,MS,#10,Y	
15	4828GT	NUT, NYLOCK, 3/8-16	
16	61975GT	RETAINER,SPRING,1.21 X .375	
17	61974GT	SPRING,COMP,1" OD,232 LB/IN	
18	101512GT	LOAD SUPPORT WITH BEARINGS includes item 12	1
19C	94549GT	SWITCH,LOAD LIMIT (to SN Z452510A-39313) Z-45/25J	
19D	121848GT	ASSY,LS,LOAD SENSE,38.5 IN (from SN Z452510A-39314) Z-45/25J	
20	6097GT	WASHER, FLAT, USS, 3/8", Y	
21	61972GT	MOUNT,SWITCH	1
22	34619GT	BUMPER,RUBBER***	2
23	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
24	21604GT	SCREW,HHC,3/8-16 X 3.25	
25	61987GT	WELDMENT,ROTATOR MOUNT	1

805.1 Platform Overload Option

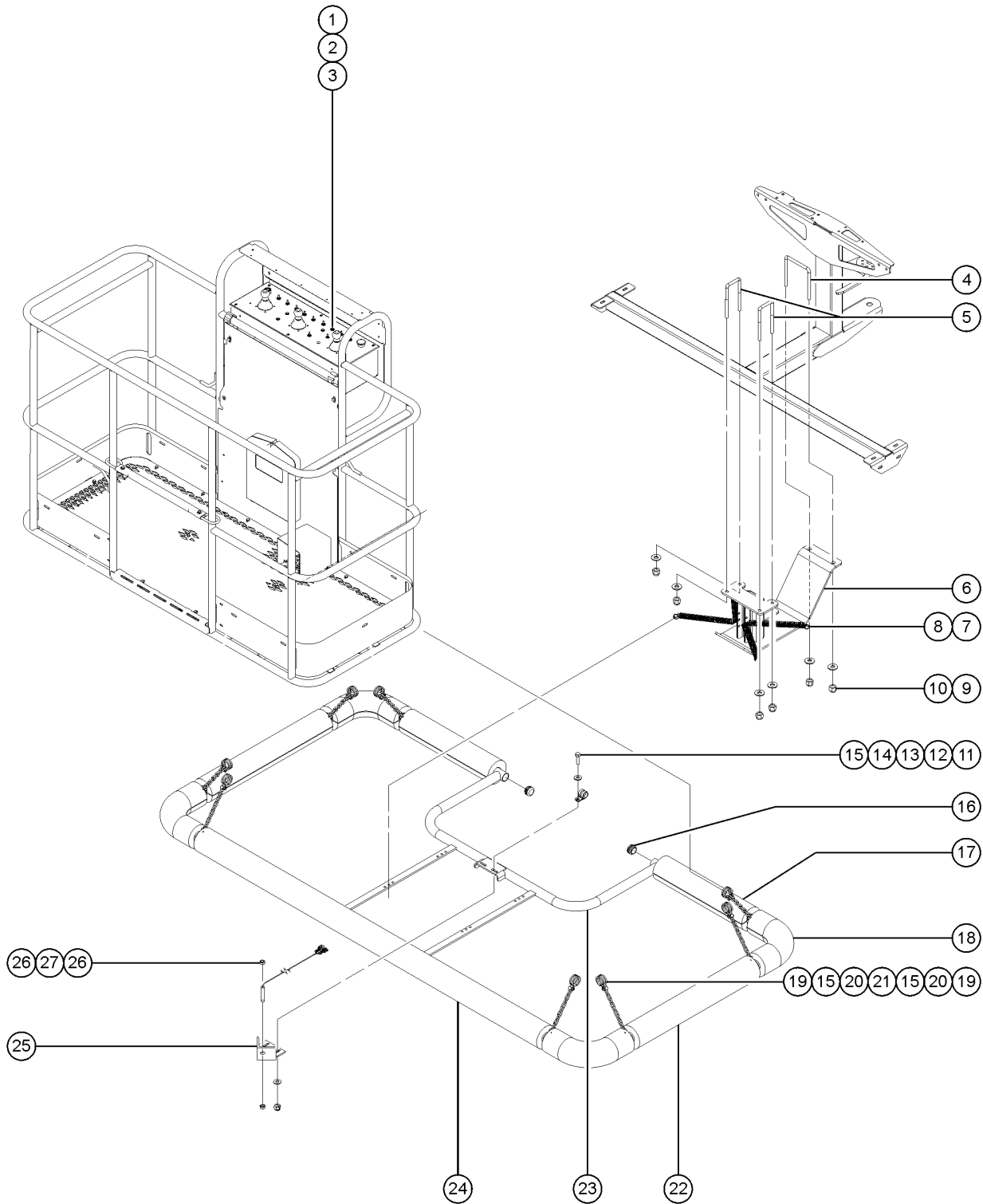


805.1 Platform Overload Option

Item	Part No.	Description	Qty.
27	110789GT	WASHER,SHIM .0151 THK.	as -n ee ded
28	5365GT	NUT,NYLOCK,10-24	



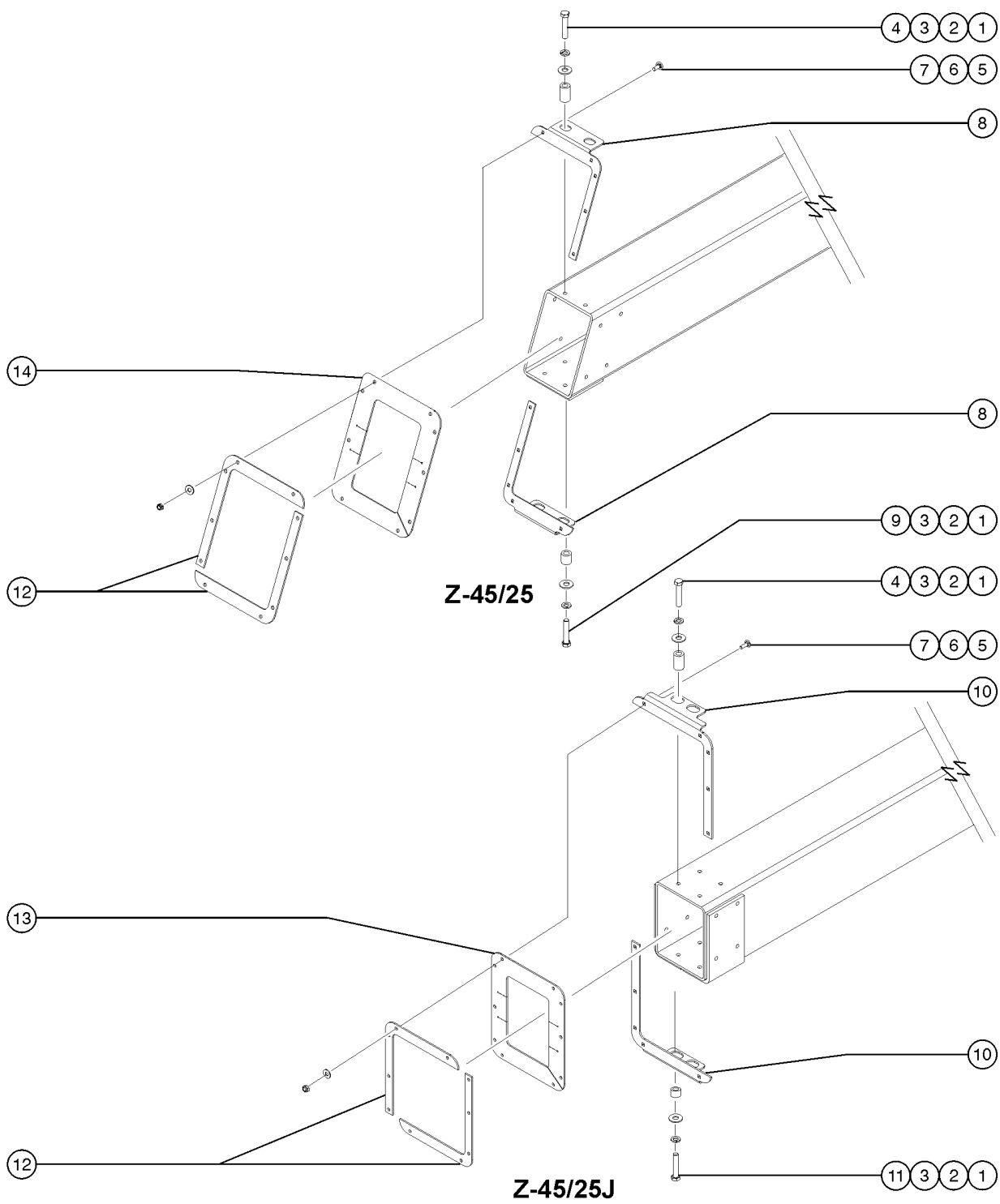
806.1 Hostile Environment Package - View 1



Item	Part No.	Description	Qty.
1	54883GT	BELLOWS,CYL.KIT,Z45&Z51 JIB	
1B	54638GT	BELLOWS,PRIMARY CYLINDER,JIB	1
2	54640GT	BELLOWS,MASTER CYLINDER	1
3	54989GT	BELLOWS,STEERING CYLINDER	1
4	1298967GT	BELLOWS,SECONDARY,ELEVATE CYL	1
5	54639GT	BELLOWS,SLAVE CYLINDER	1
6	54635GT	BELLOWS,JIB CYLINDER	1
		Z-45/25J	



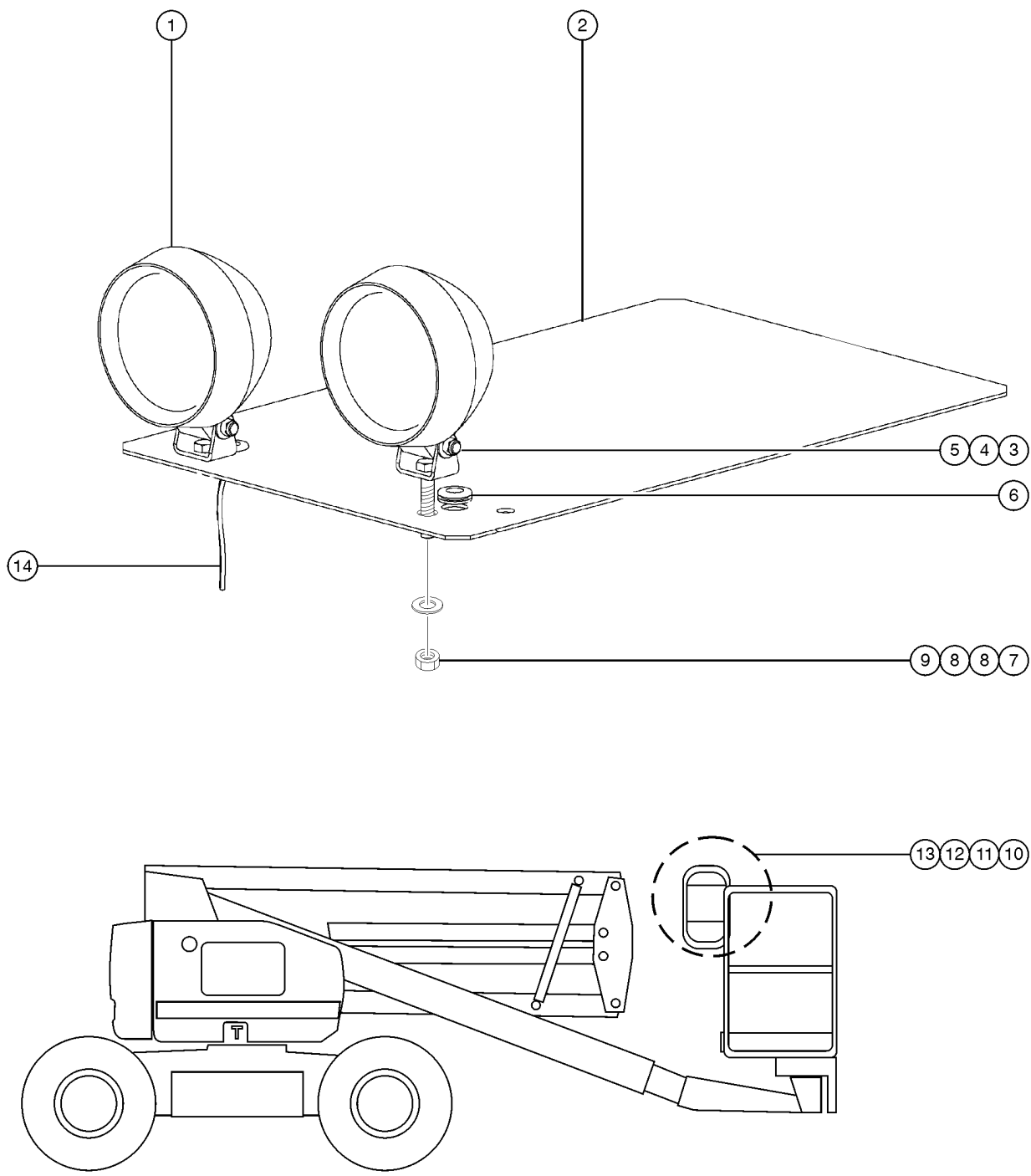
807.1 Hostile Environment Package - View 2



807.1 Hostile Environment Package - View 2

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	147184GT	KIT, WIPER, Z-45/25J	
1	5224GT	SCREW,HHC,3/8-16 X 2	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	128852GT	TUBE,RD,STL,DOM,.75X.438X1.25	2
5	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
6	6021GT	WASHER, LOCK, .375	
7	6889GT	NUT,LP NYLOCK,1/4-20	
10	147041GT	FORMING WIPER MOUNT	2
11	1301754GT	SPACER TUBE,.50 LG	2
12	128973GT	PLATE,WIPER BACKING	2
13	147181GT	WIPER,PRIMARY BOOM	1

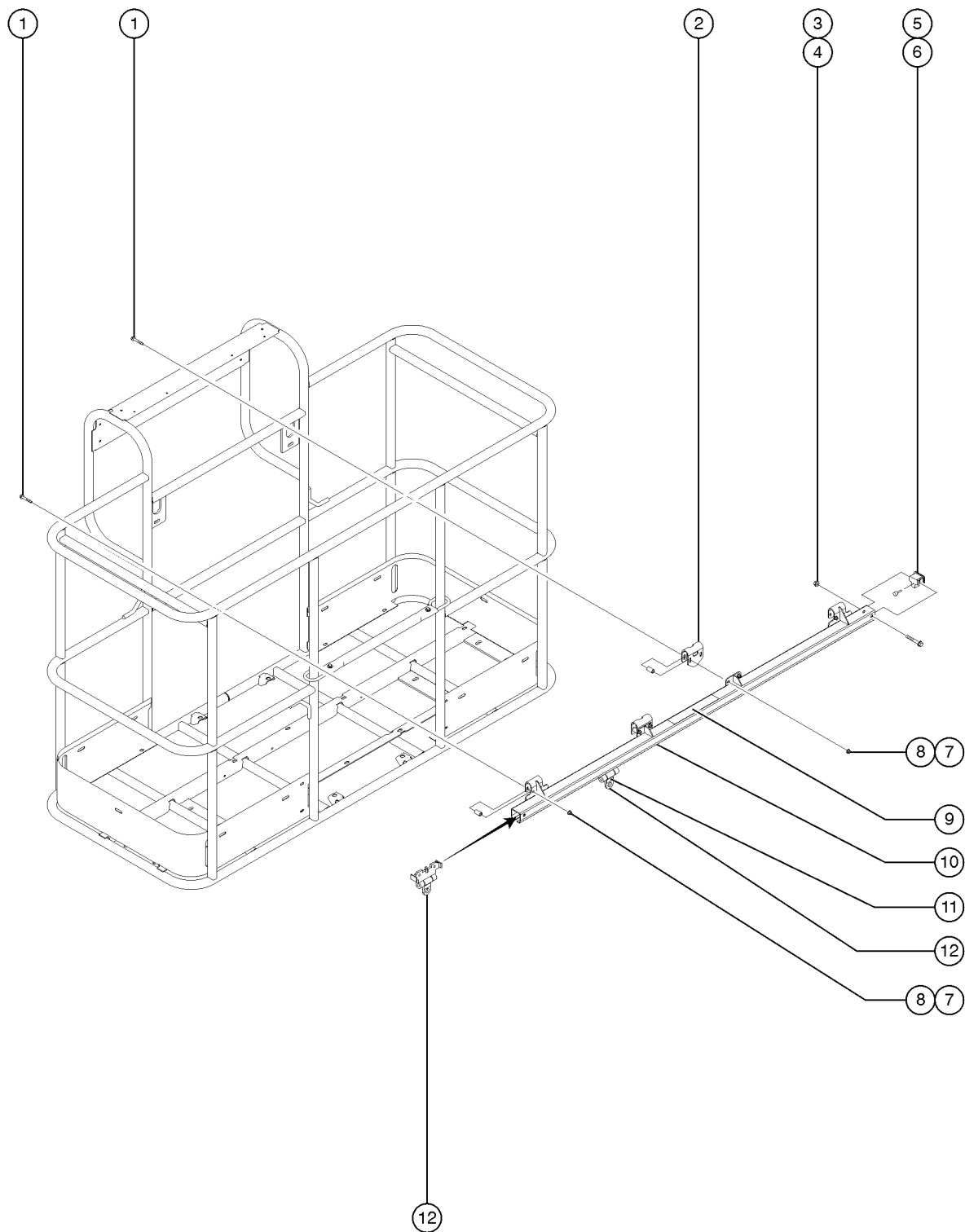
808.1 Drive Lights



808.1 Drive Lights

Item	Part No.	Description	Qty.
1	107858GT	WORKLIGHT,48 VOLT includes items 3-5 and 7-9	2
2	128956GT	COVER, DRIVE, DRIVE LIGHT OPT.	1
3	10107GT	SCREW,HHC,5/16-18 X .75	2
4	5397GT	WASHER, FLAT, USS, 5/16-18	2
5	6782GT	NUT, NYLOCK, 5/16-18	2
6	53517GT	GROMMET,RUBBER .5 X .014 X .75	2
7	4828GT	NUT, NYLOCK, 3/8-16	2
8	5397GT	WASHER, FLAT, USS, 5/16-18	4
9	6175GT	SCREW,HHC,3/8-16 X 1	2
10	823226GT	POWER RELAY, 24V COIL	1
10-	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	1
10-	6146GT	WASHER,FLAT,MS,#10,Y	2
10-	6178GT	NUT, NYLOCK, 10-32	1
11	72867GT	DECAL,LABEL,LIGHTS***	1
12	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
12-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
13	6578GT	CABLE TIE,7 3/8"	5
14		REF: Harness, Z45 Drive Lights refer to 410.1, 411.1 or 412.1	1

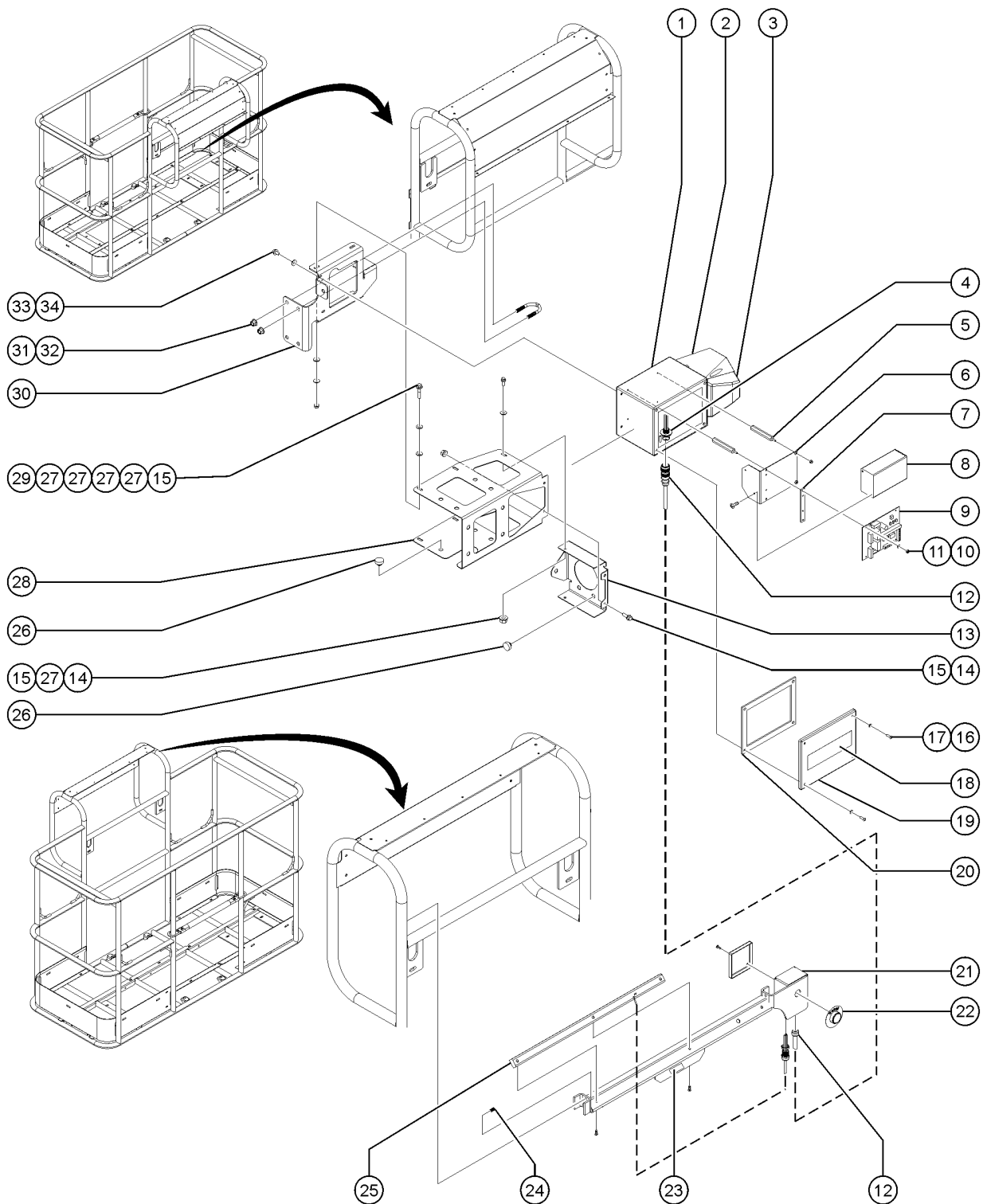
809.1 Traveling Fall Arrest Anchor System



809.1 Traveling Fall Arrest Anchor System

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

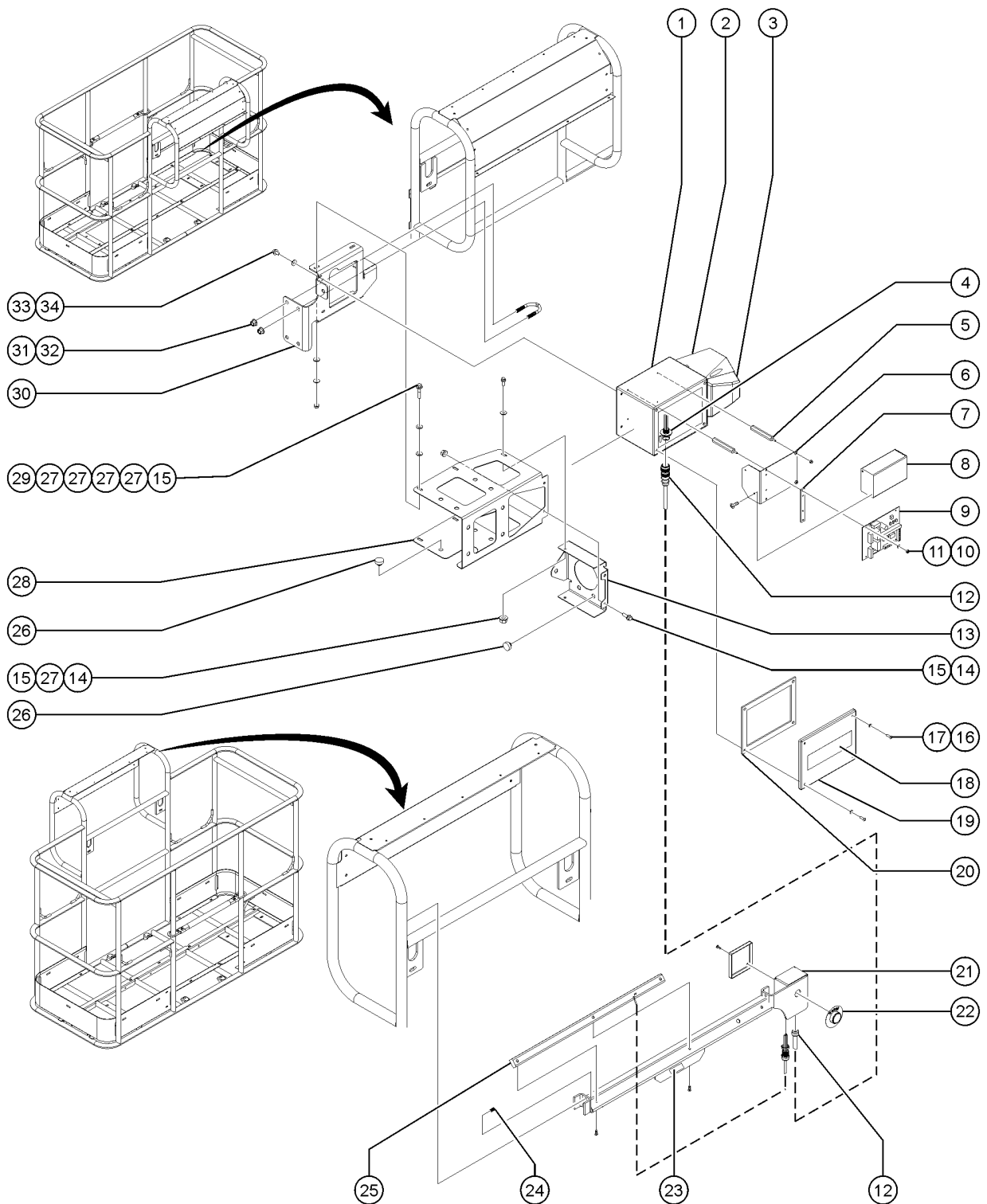
810.1 Operators Protection Alarm (to January 2017)



810.1 Operators Protection Alarm (to January 2017)

Item	Part No.	Description	Qty.
B	1275537GT	ASSEMBLY, OPA PROTECTION CAGE	1
1	1255018GT	BASE ENCLOSURE,RED,OPA	1
2		SOUNDER,MIDI,OPA	1
		No longer available	
3		SOUNDER LENS, OPA, BLUE	1
		(standard lens fitted to OPA)No longer available (contact customer service)	
3B		SOUNDER LENS, OPA, RED	1
		No longer available (contact customer service)	
4		HARN,PIGTAIL,TAPESWITCH,OPA	1
		No longer available (contact customer service)	
5		STAND OFF,CONTROL UNIT	4
		No longer available (contact customer service)	
6		BRACKET,CONTROL UNIT	1
		No longer available (contact customer service)	
7		SPACER,HEAT SINK	1
		No longer available (contact customer service)	
8		ASSY,MODULE,CONTROL UNIT,OPA	1
		No longer available (contact customer service)	
9		MODULE,CONTROL UNIT,PCB,OPA	1
		No longer available (contact customer service)	
10		NUT,M4 NYLOCK	4
		No longer available	
11		WASHER,M4 NYLON	4
		No longer available	
12		ASSEMBLY,CABLE,TAPESWITCH	1
		No longer available (contact customer service)	
13	1275539GT	FORMING, OPA CAP	1
14	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	5
15	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	9
16		SCREW,M5X16 BHD	4
		No longer available	
17	1255027GT	WASHER,M5 NYLON	4
18	1255890GT	DECAL,COSMETIC,GENIE	1
19		LID ENCLOSURE,RED,OPA	1
		No longer available	
20		GASKET,ENCLOSURE	1
		No longer available	
21		ASSEMBLY,TAPESWITCH	1
		(6/8" platforms) (includes j-box and fasteners)No longer available (contact customer service)	
22	1255036GT	ASSEMBLY RESET SWITCH	1
23	1255889GT	DECAL,SYMBOL-READ THE MANUAL	1
24		SCREW,M6X8	2
		No longer available	
25		SENSOR,RUBBER EDGE	1
		(6/8" platforms)No longer available (contact customer service)	
26	43392GT	BUMPER,BATTERY BOX & RAILS	17

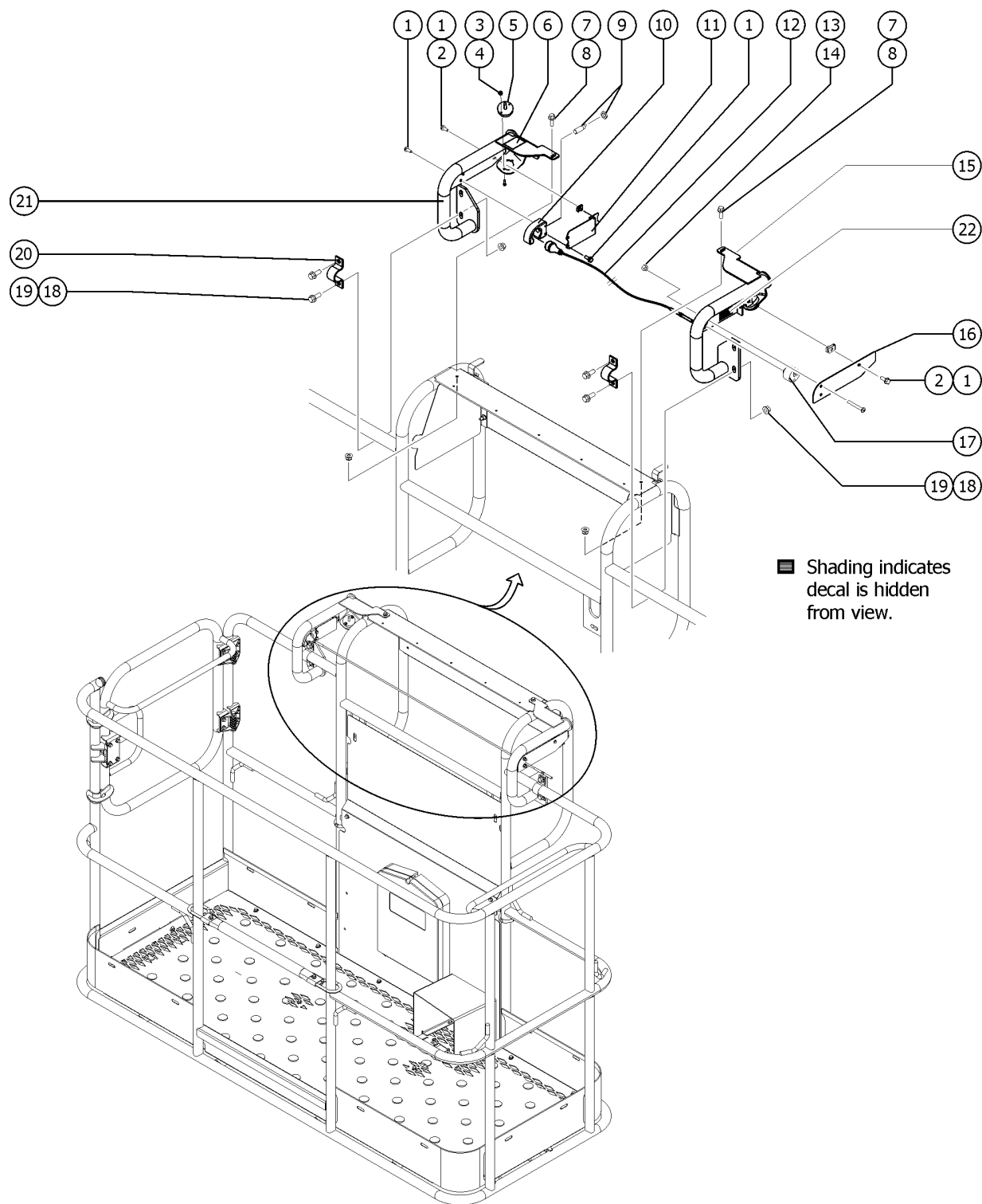
810.1 Operators Protection Alarm (to January 2017)



810.1 Operators Protection Alarm (to January 2017)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
27	824113GT	WASHER,FLAT,USS,1/4,ZAG	19
28	1275538GT	FORMING, OPA CAGE	1
29	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	4
30	1275540GT	FORMING, OPA, BRACKET	1
31	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	4
32	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
33	237238GT	SCREW,HHF,M6-1.0X12,DIN6921,10	2
34	1257389GT	WASHER, FLAT, M6X18X1.6,DIN9021,ZAB	2

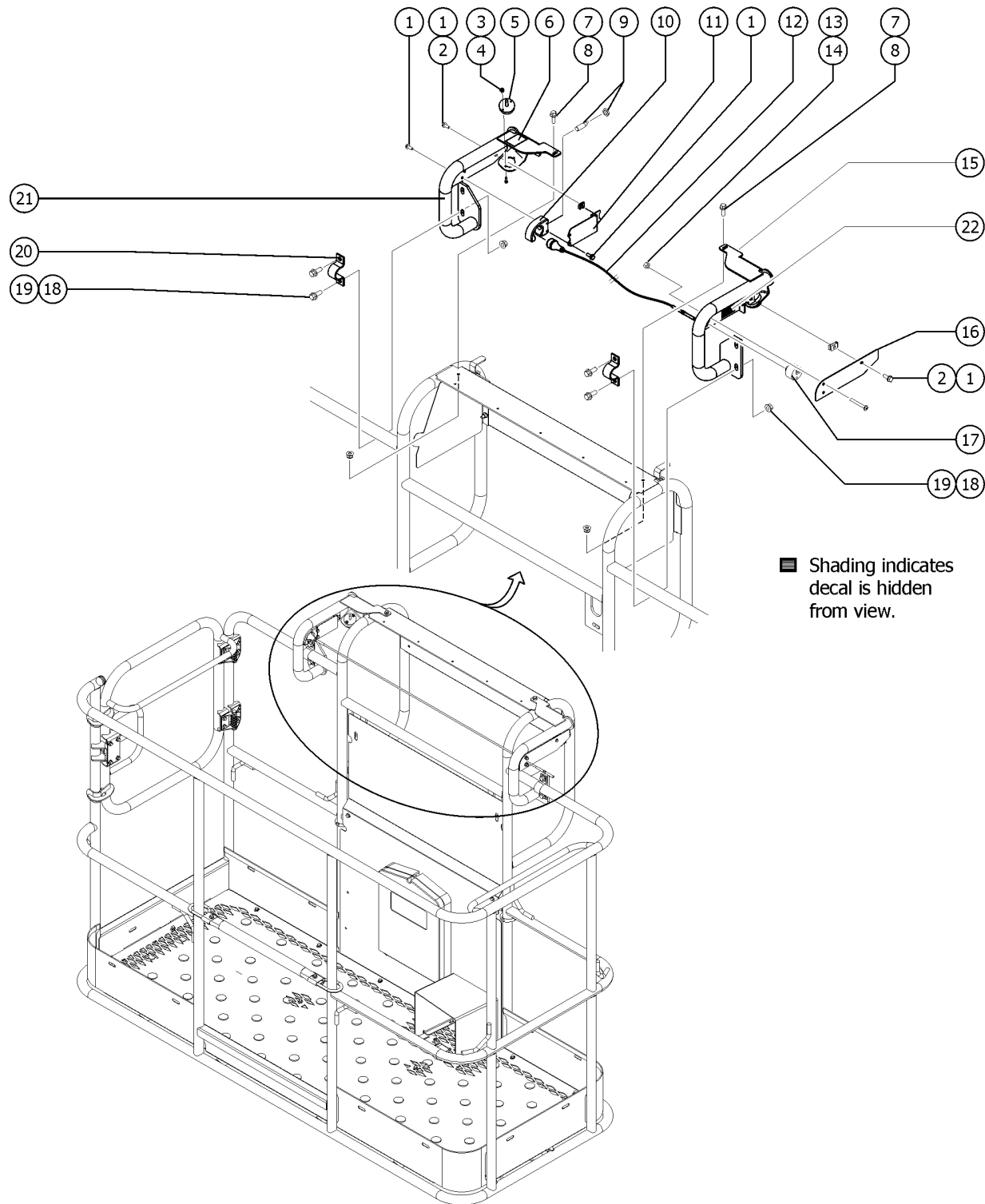
810.2 Lift Guard Contact Alarm (from January 2017)



810.2 Lift Guard Contact Alarm (from January 2017)

Item	Part No.	Description	Qty.
A-		From January 2017, this option became a standard installation on all models unless the ... customer specifically request not to have it installed	
B-	1279135GT	KIT, LIFT GUARD CONTACT ALARM, 6'-8' PLATFORM, NON-ALC1000 measure platform before ordering - for 5', 6', and 8' platforms only.	
C-	1278452GT	HARNESS, OPA2, Z45DC/BE	
D-	78098GT	RELAY, 24VDC, 40/30A, SLD W/BRKT*	
E-	1278121GT	MODULE, PLUS+1, OPA2 located inside the Platform Control Box	
1	1264934GT	SCREW, HHF, 10-24X.5	
2	73575GT	SPRING CLIP, 10-24, .025-.125X.468, ZAG	
3	12344GT	NUT, NYLOCK, 6-32	
4	1256859GT	SCREW, PHPM, 6-32X.875, ZAG	
5	1278111GT	ASSEMBLY, LIGHT, CONTACT ALARM	2
5B	1285850GT	ASSEMBLY, AMBER LIGHTS, CONTACT	
6	1278542GT	DECAL, INSTRUCTION, CONTACT ALARM	
7	824078GT	SCREW, HHF, 1/4-20X.75, 8, ZAG	
8	1277924GT	NUT, NYLOCK FLG, 1/4-20, F, ZAG	
9	1278119GT	ASSEMBLY, SENSOR, PROX, CONTACT ALARM	1
10	1278433GT	ASSY SENSOR W/HOUSING (Includes holder item 1277877 and sensor part 1278119)	
10-	1277877GT	HOLDER, SENSOR	1
11	1277873GT	FORMING, SENSOR HOLDER	1
12	1278416GT	ASSEMBLY, CONTACT ALARM CABLE, LARGE	1
12-	1278124GT	MAGNET, 1/4-20, 15 LB. Part of assembly 1278416	
12-	1278458GT	CONTACT ALARM WIRE ASSY, LARGE Part of assembly 1278416	
12-	1278368GT	GRIP, CABLE Part of assembly 1278416	
12-	1261184GT	NUT, 1/4-20, 8, ZAG Part of assembly 1278416	
13	825352GT	SCREW, PHPM, 10-32X1.25, ZAG	
14	1264261GT	NUT, SERRATED, 10-32, ZAG	
15	1278138GT	WELDMENT, RIGHT CONTACT ALARM, LARGE	1
16	1277875GT	PLATE, CABLE AND WIRE COVER	1
17	1277876GT	GUIDE, CABLE	1

810.2 Lift Guard Contact Alarm (from January 2017)

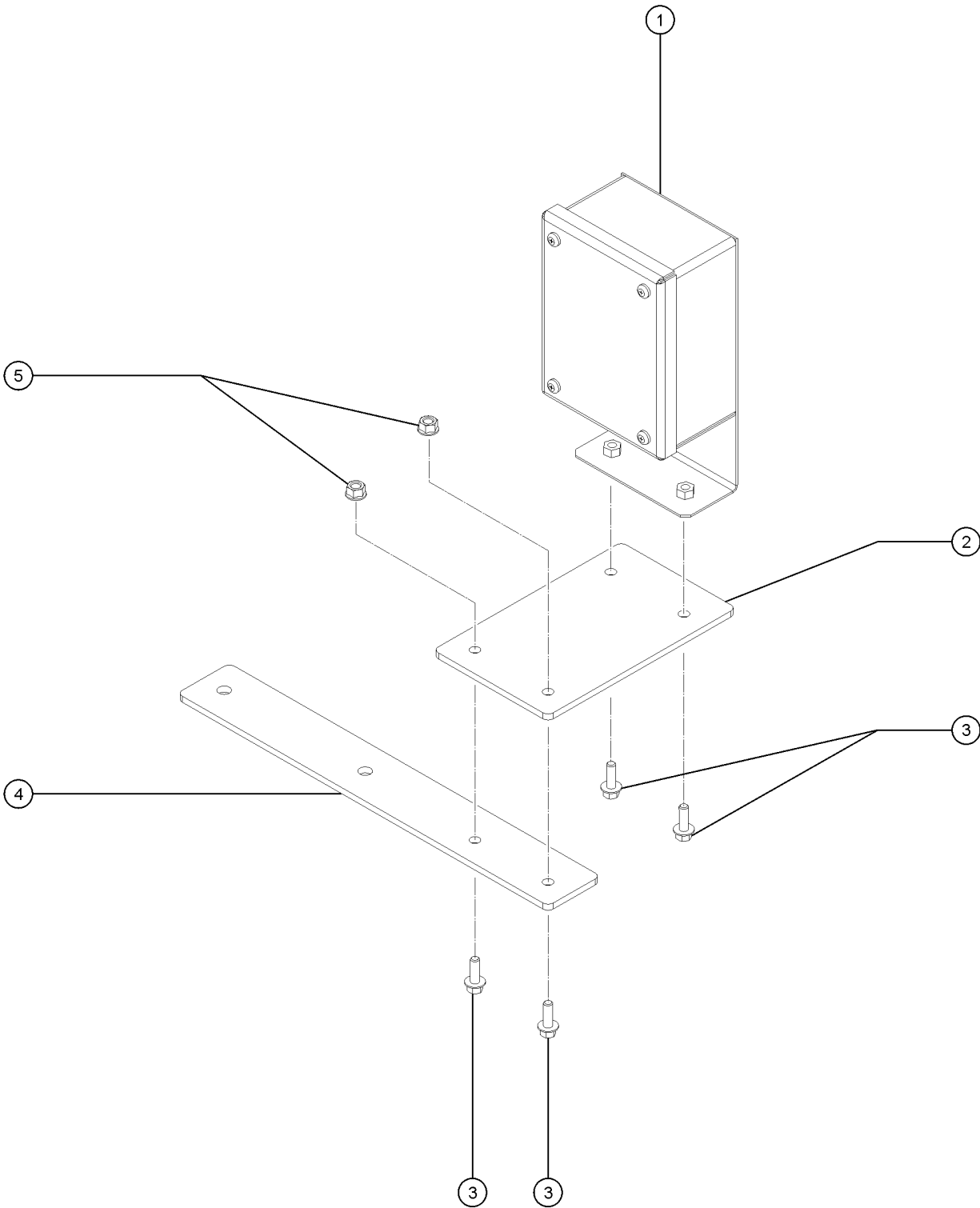


810.2 Lift Guard Contact Alarm (from January 2017)

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



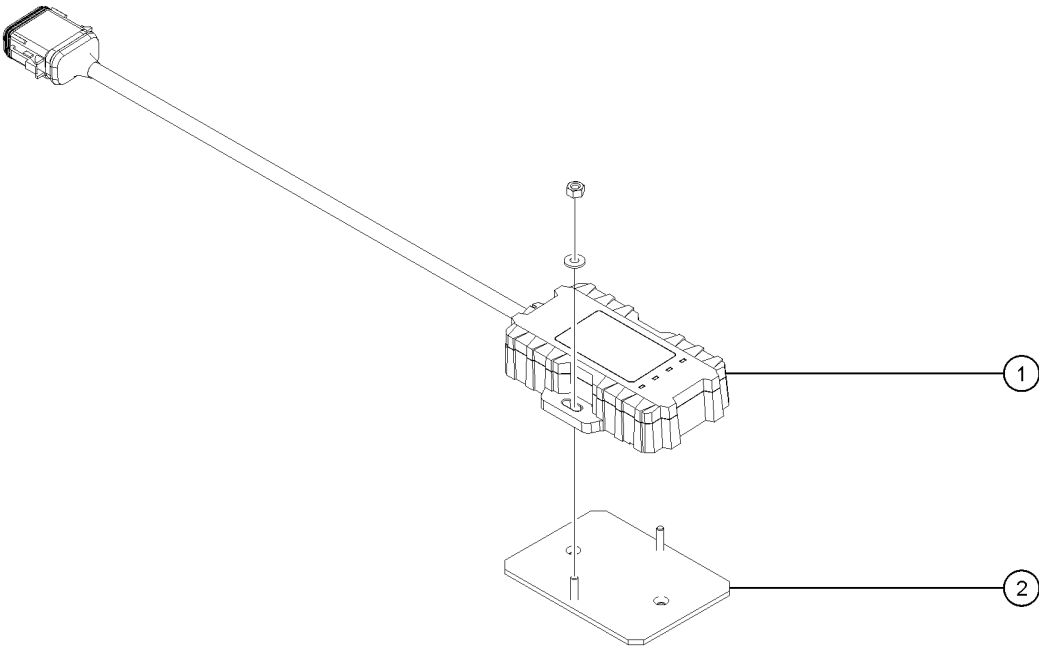
811.1 Charger Protector



811.1 Charger Protector

Item	Part No.	Description	Qty.
1	1272235GT	ASSY, VOLTAGE PROTECTOR BOX, Z30/34	1
2	1296946GT	PLATE,CHARGER PROTECTOR MT	1
3	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	4
4	1272250GT	PLATE, CHARGER PROTECTOR MT, Z45DC	1
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	2





812.1 Telematics Option

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

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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.