A TEREX BRAND

Parts Manual

Serial Number Range

Z-45/25
Z-45/25J
DC & Bi-Energy

from SN Z452505-27000 to Z452507-34010

from SN Z452507A-34011 to Z4516A-55298

from SN Z452512B-2245 to Z452516B-5452

from SN Z4525M-5453 to Z452516M-6699

from SN Z452516N-55299 to Z452516N-56105

Part No. 110933GT
Rev: G.10
June 2024

Technical Publications

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e-mail: awp.techpub@terex.com

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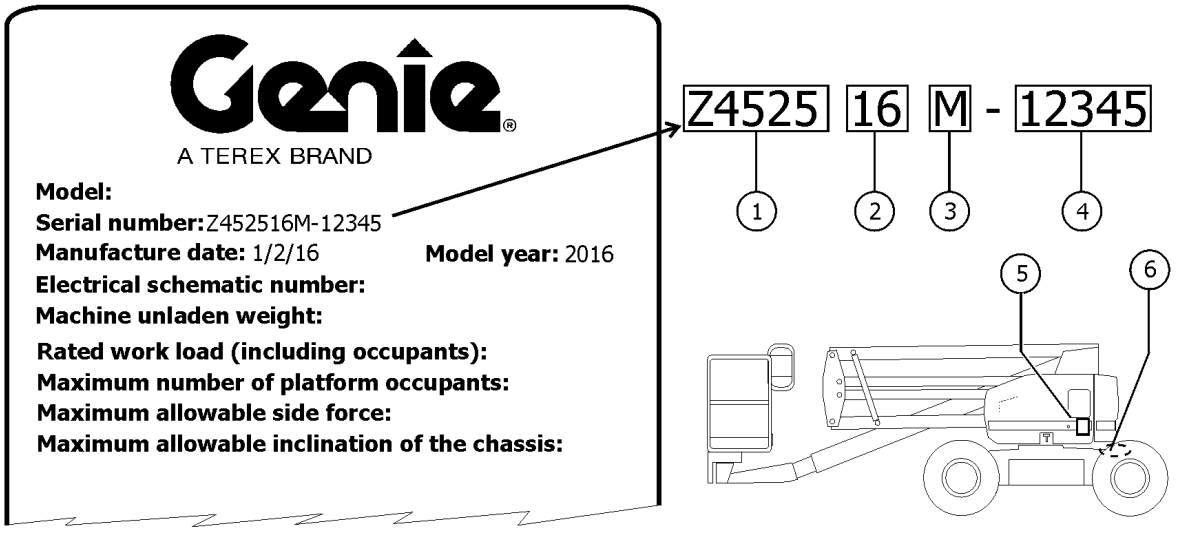
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Third Edition, Seventh Printing

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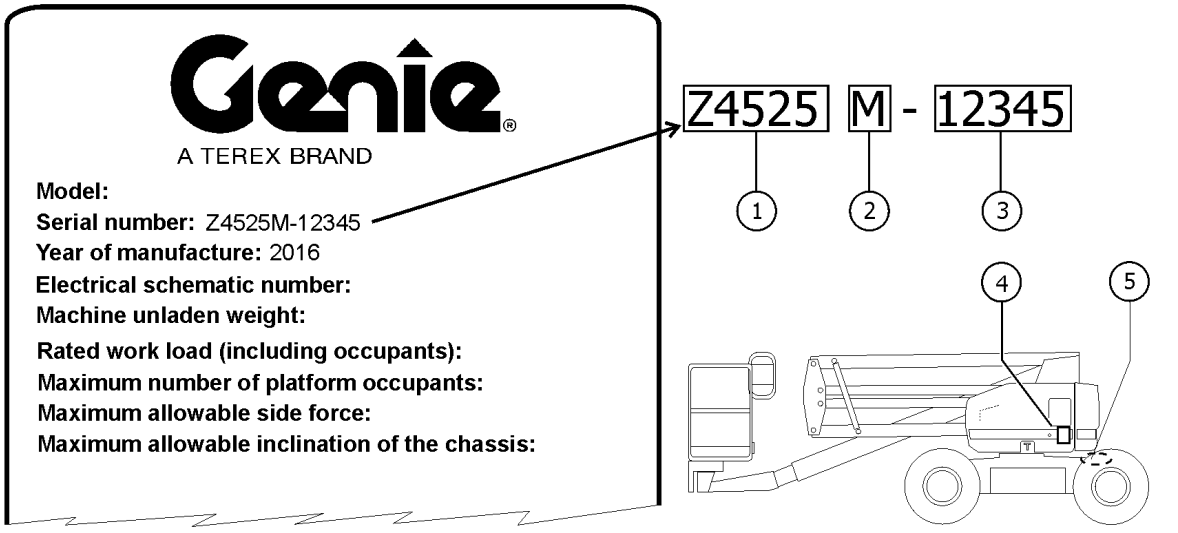
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To August 31, 2016



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



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

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Telephone +65 6692 7777

Fax +65 6261 8893

http://genielift.com.sg/

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

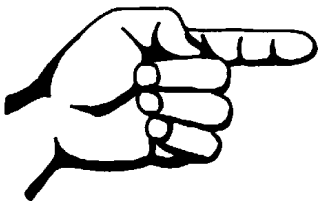
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South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

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



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TEREX CORPORATION

Service Parts Fax Order Form

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

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

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

Optional Equipment _____

Part Number	Description	Quantity	Price

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

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

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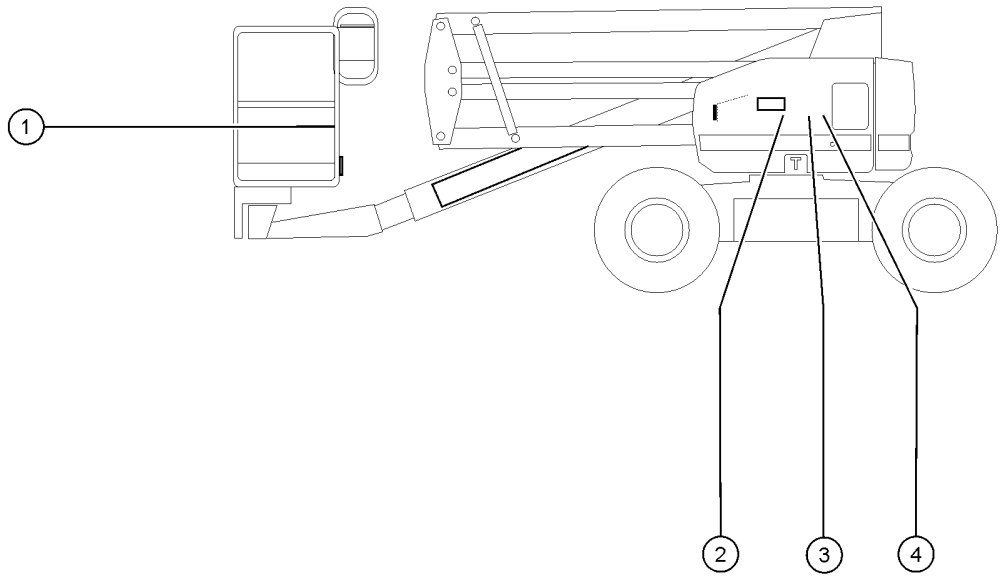
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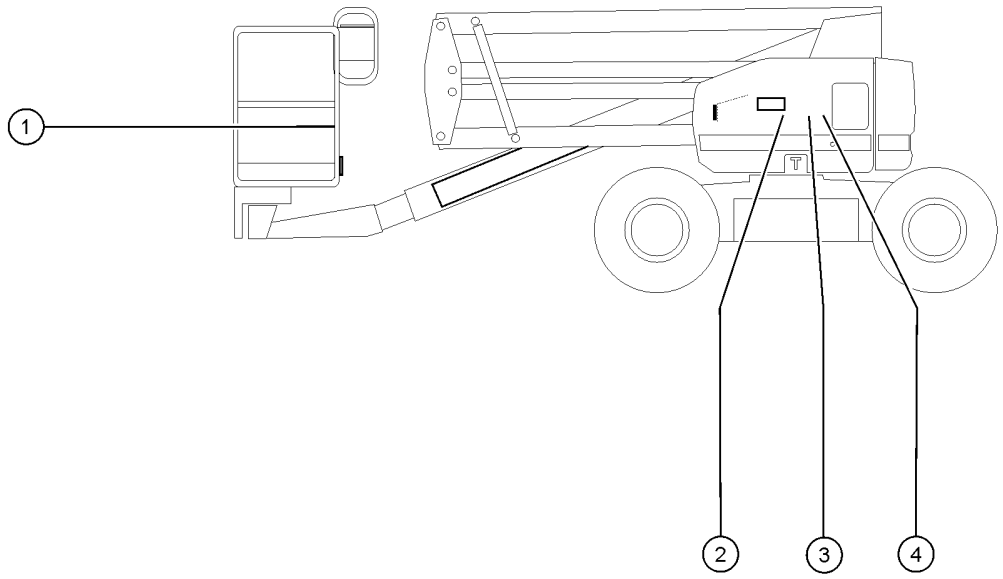
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001.1 Parts Stocking List



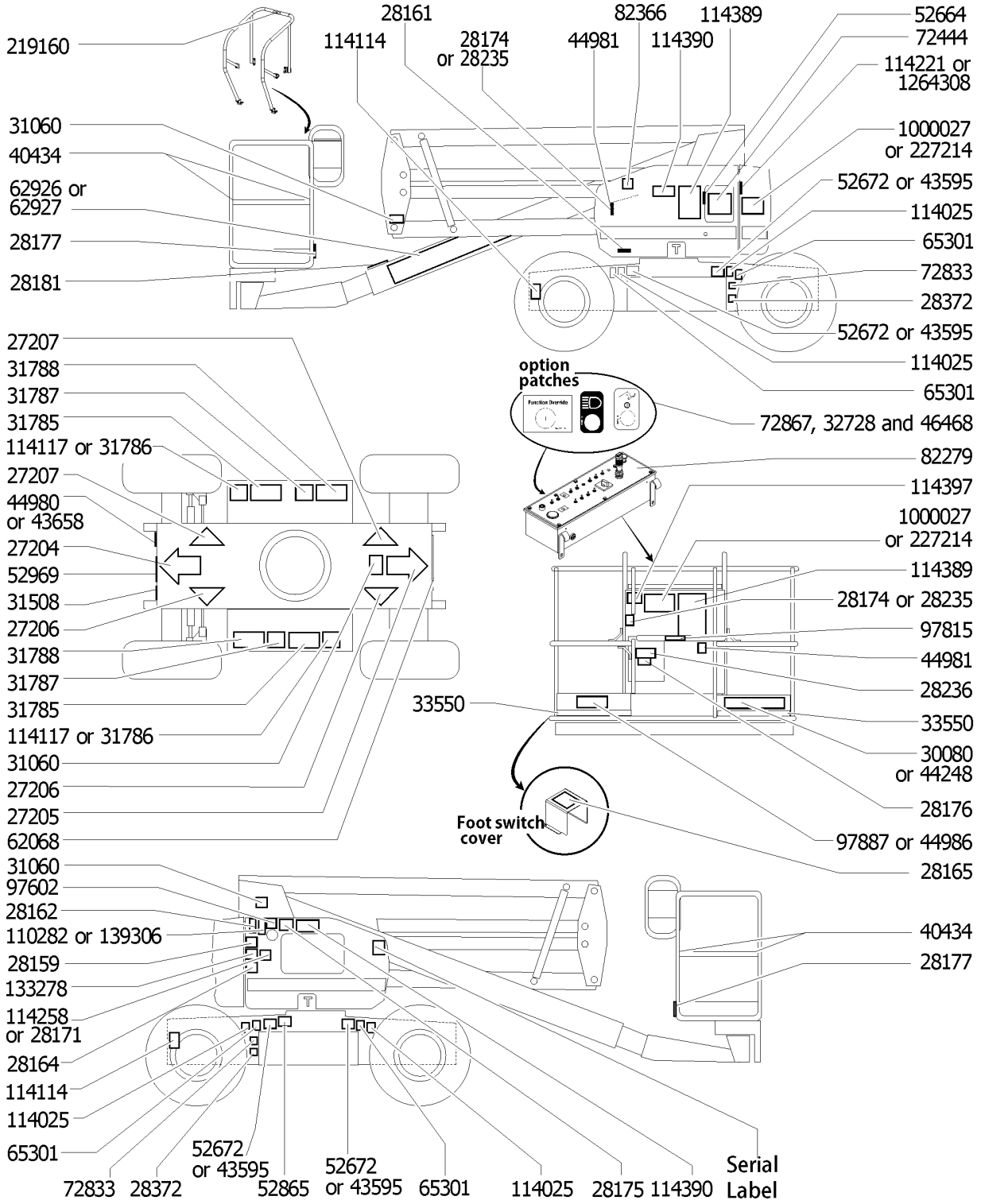
Item	Part No.	Description	Qty.
A		— GENERAL SERVICE PARTS —	
A-	1484GT	PAINT, AEROSOL, BRIGHT BLUE*** 12-ounce spray paint	
A-	1268GT	PAINT, AEROSOL, GENIE GRAY*** 12-ounce spray paint	
A-	1258567GT	PAINT, AEROSOL, TRAFFIC BLACK 12-ounce spray paint	
A-	32150GT	PAINT, WET, GENIE BLUE (1 GL)** 1-gallon	
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	
2		— HYD FILTERS —	
2-	78622GT	FILTER ASSY,SAE8,10 MIC,PAPR**	
2-	44788GT	FILTER ELEMENT-10MICRON, PAPER*	
3		— KUBOTA Z482 E2BGNI-1, E3B-1 MODELS —	
3-	866400GT	KUBOTA OIL FILTER	
3-	52867GT	FILTER,AIR***	
3-	52877GT	FILTER,FUEL FILTER Z482-E	

001.1 Parts Stocking List



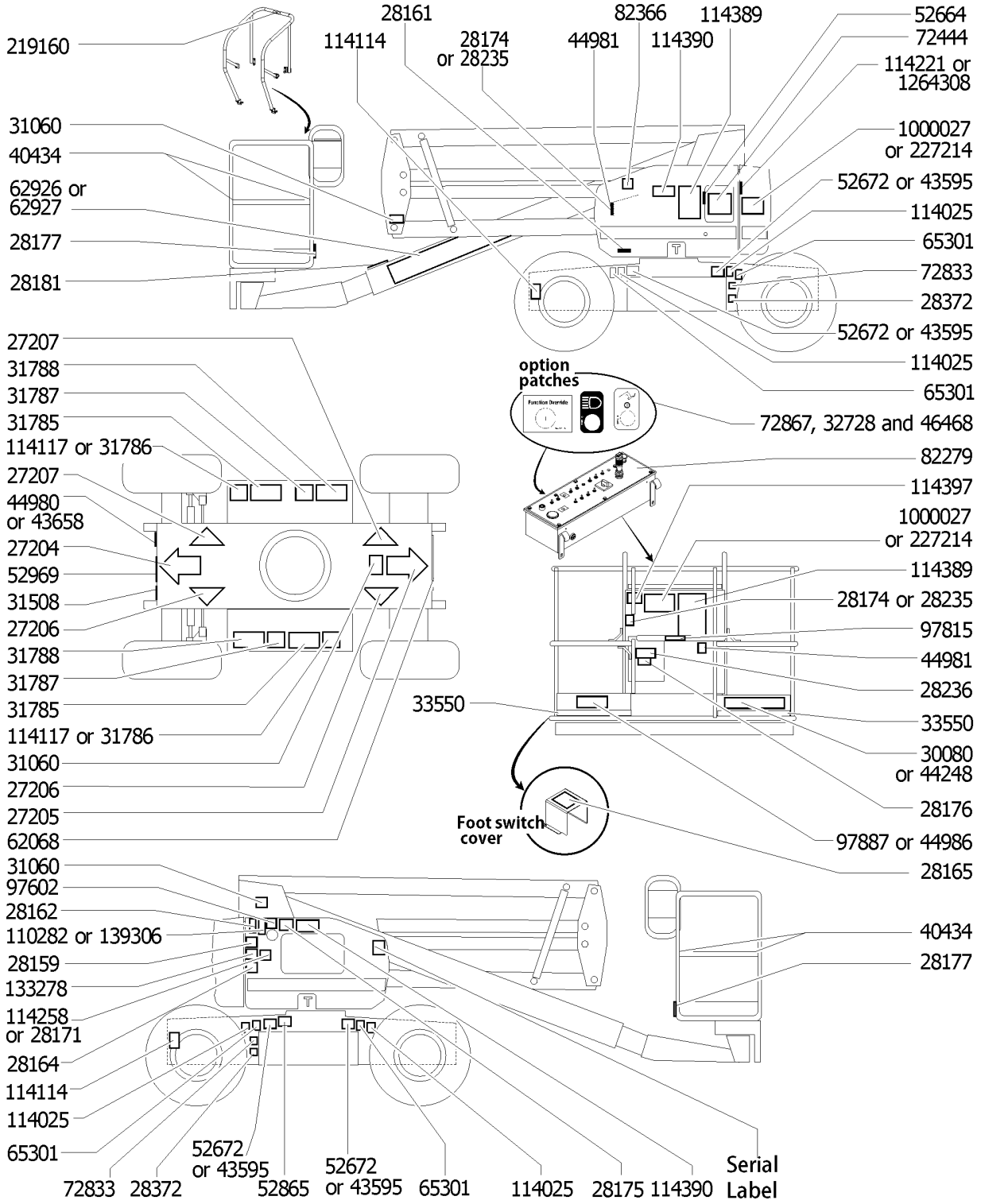
Item	*Part No.*	*Description*	*Qty.*
3-	52816GT	BELT,FAN,KUBOTA DF972/Z482-E	
3-	60112GT	ALTERNATOR BELT	
4		— KUBOTA Z482 E4B-1 MODELS —	
4-	866400GT	KUBOTA OIL FILTER	
4-	52867GT	FILTER,AIR***	
4-	139429GT	ELEMENT, FUEL FILTER, Z482 use until exhausted,(replaced by 52877)	
4-	52877GT	FILTER,FUEL FILTER Z482-E	
4-	52816GT	BELT,FAN,KUBOTA DF972/Z482-E	
4-	60112GT	ALTERNATOR BELT	

101.1 Word Decals - Bi-Energy



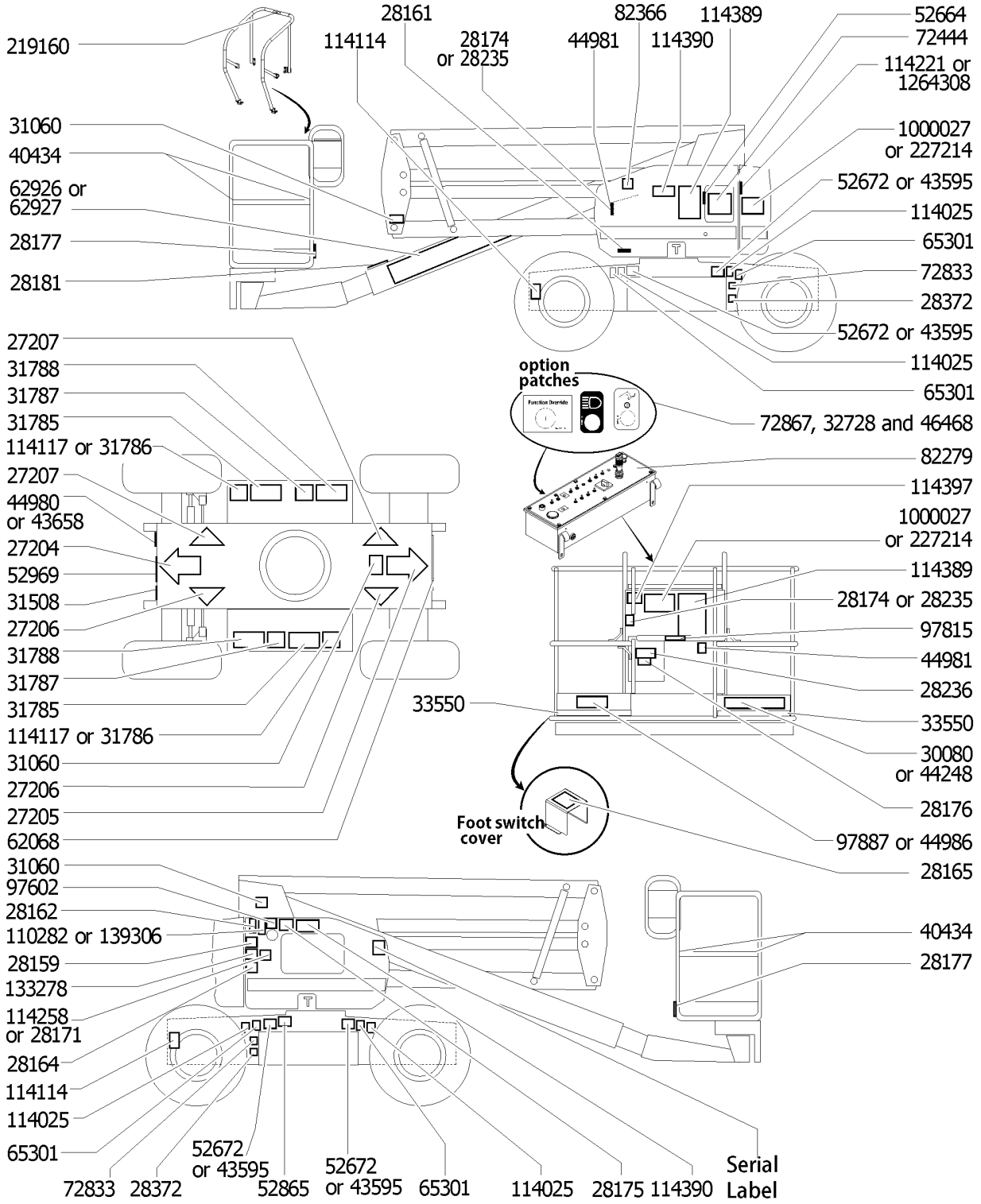
Item	Part No.	Description	Qty.
	822005GT	DECAL KIT,Z45 PLAT,WORD,ANSI Platform Decal Kit, ANSI	
	822010GT	DECAL KIT,Z45 COMP,WORD,ANSI Complete Decal Kit, ANSI (from SN 33948 to 34010) (from SN A-34011) (from SN B-101) (from SN D-101)	
	822038GT	DECAL KIT,Z45 PLAT,WORD,AUS Platform Decal Kit, AUS (from SN 33948 to 34010) (to A-40559) (from SN7B-101 to B-1725)	
	822043GT	DECAL KIT,Z45BE COMP,WORD,AUS Complete Decal Kit, AUS (from SN 33948 to 34010) (from SN A-34011 to A-40559) (from SN B-101 to B-1725)	
	822013GT	DECAL KIT,Z45 PLAT,WORD,AUS Platform Decal Kit, AUS (from SN A-40560) (from SN B-1726) (from SN D-101)	
	822018GT	DECAL KIT,Z45BE COMP,WORD,AUS Complete Decal Kit, AUS (from SN A-40560) (from SN B-1726) (from SN D-101)	
1	114020GT	DECAL KIT, Z45 DC & BI, WORDS from SN 27000 to 33947; includes items 2-5, 8, 11, 14-17, 19, 20, 22, 23, 25, 27, 28, 30, 31, 45, 47 and 50	1
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 to SN 33947	2
7	28159GT	DECAL,DIESEL	1
8	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
9	28162GT	DECAL,WARNING,CRUSHING	1
10	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
11	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
12	28171GT	DECAL,DANGER,NO SMOKING *** to SN 33947	1
13	28174GT	DECAL,POWER TO PLATFORM 230V	2
14	28175GT	DECAL,WARNING-COMPART ACCESS	1
15	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
16	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
17	28181GT	DECAL,WARN,FALL HAZARD	1
18	28235GT	DECAL,POWER TO PLATFORM 115V	2
19	28236GT	DECAL,WARN,IMPROPER OPERATION	1
20	28372GT	DECAL,NOTICE,BATTERY CABLES	2
21	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1

101.1 Word Decals - Bi-Energy



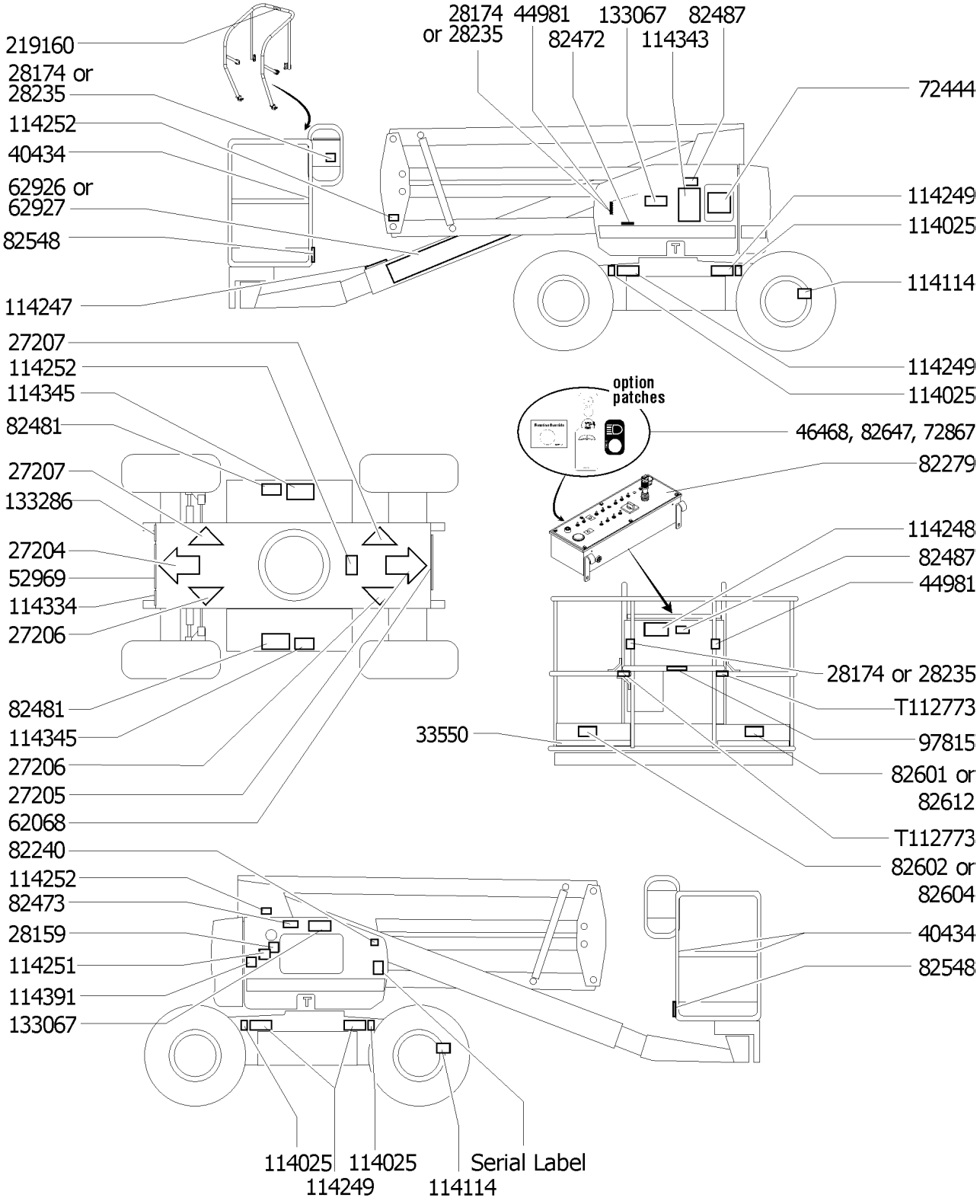
Item	Part No.	Description	Qty.
22	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3
23	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
24	31785GT	DECAL,NOTICE,CHARGER INSTRUC	2
25	31786GT	DECAL,NOTICE,BATT CONNECTION to SN 32944	2
26	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2
27	31788GT	DECAL,DANGER,BATTERY SAFETY***	2
28	32728GT	DECAL,OPTION GENERATOR***	1
29	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
30	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
31	43595GT	DECAL,DANGER,TIP-OVER,TIRES***	4
32	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
33	44248GT	DECAL,NOTICE,MAX CAP 440 LBS models with aircraft protection package	1
34	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
35	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
36	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1
37	46468GT	DECAL,FUNCTION OVERRIDE (for aircraft protection package, from SN 37297)	1
38	52664GT	DECAL,LABEL,CONTRLR STATUS LT	1
39	52672GT	DECAL,DANGER,TIPOVER HAZARD***	1
40	52865GT	DECAL,ANNUAL INSP***	1
41	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
42	62068GT	DECAL,COSMETIC,BI-ENERGY	1
43	62926GT	DECAL,COSMETIC,GENIE Z-45/25J jib	1
44	62927GT	DECAL,COSMETIC,GENIE Z-45/25 non-jib	1
45	65301GT	DECAL,NOTICE,FOAM-FILLED TIRES	4
46	72444GT	DECAL,GROUND CONTROL PANEL	1
47	72833GT	DECAL,LABEL,OPEN,LATCH	2
48	72867GT	DECAL,LABEL,LIGHTS***	1
49	82279GT	DECAL,PLATFORM CONTROL PANEL	1

101.1 Word Decals - Bi-Energy



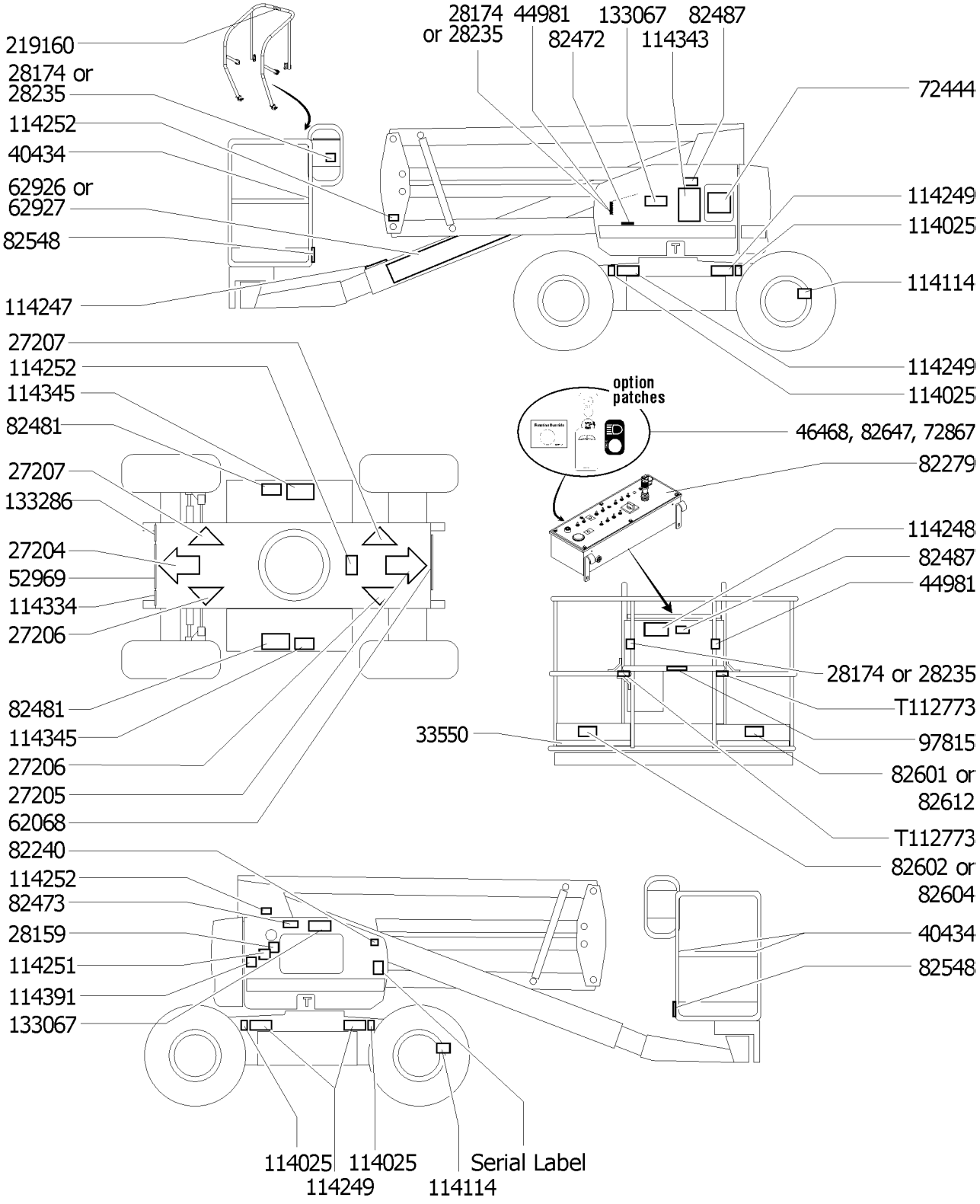
Item	Part No.	Description	Qty.
50	82366GT	DECAL,CHEVRON RANDO HD	1
51	97602GT	DECAL,EXPLOSION HAZARD to SN 33947	2
52	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
53	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
54	110282GT	DECAL,NOTICE,SPEC,Z482 T2 to SN 33947	2
55	114025GT	DECAL,LABEL,WHEEL LOAD Z4525DC	4
56	114114GT	DECAL,LABEL,TRANSPORT	2
57	114117GT	DECAL,BATT CONN DIAGRAM from SN 33948	1
58	114221GT	DECAL,LABEL,RELAYS,Z45DC,BE	2
59	114258GT	DECAL,DANGER,NO SMOKING from SN 33948	1
60	114389GT	DECAL,DANGER,GENERAL SAFETY	2
61	114390GT	DECAL,DANGER,ELECT HAZARD***	2
62	114397GT	DECAL,DANGER,TILT ALARM	1
63	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL	1
64	139306GT	DECAL,NOTICE,SPEC,Z482	1
65	219160GT	DECAL, INSTRUCTION, OPS option	1
66	227214GT	DECAL,OPER INST,Z45BE AUS	1
67	1000027GT	DECAL,INSTR,OP INST,BI ANSI	2
68	1264308GT	DECAL,LABEL,RELAYS,Z45DC,BE	
69	77046GT	SERIAL # LABEL,MYLAR 4X8***	

102.1 Symbol Decals - Bi-Energy



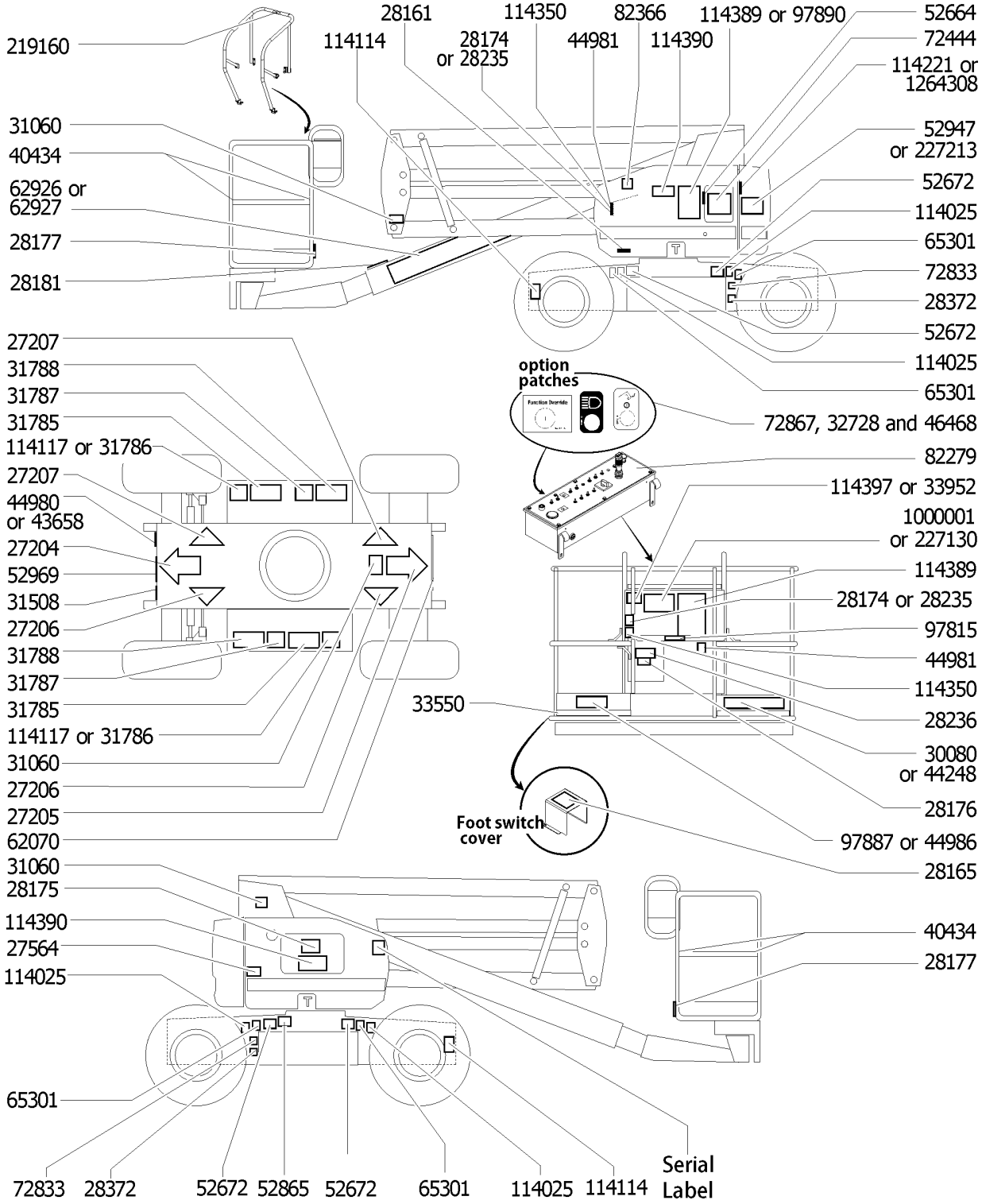
Item	Part No.	Description	Qty.
A	823153GT	DECAL KIT,Z45 PLAT,SYM,ANSI Platform Decal Kit, ANSI	
B	823158GT	DECAL KIT,Z45BE COMP,SYM,ANSI Complete Decal Kit, ANSI (from SN 33948 to 34010) (from SN A-34011) (from SN B-101) (from SN D-101)	
C	823161GT	DECAL KIT,Z45 PLAT,SYM,CE Platform Decal Kit, CE	
D	823166GT	DECAL KIT,Z45BE COMP,SYM,CE Complete Decal Kit, CE (from SN 33948 to 34010) (from SN A-34011) (from SN B-101) (from SN D-101)	
1	82774GT	DECAL KIT,Z45 DC & BI,SYMB (from SN 27000 to 33947) (includes items 2-5, 9, 18, 20-23, 29-33, 35-38 and 42)	
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	28159GT	DECAL,DIESEL	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	2
8	28235GT	DECAL,POWER TO PLATFORM 115V	2
9	33550GT	TAPE,WARNING,BLK/YEL, 50'*** (sold by the roll. 648" per roll) (Required to be iInstall at base of platform toeboard for CE market)	1 roll
10	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
11	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
12	46468GT	DECAL,FUNCTION OVERRIDE	1
13	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
14	62068GT	DECAL,COSMETIC,BI-ENERGY	1
15	62926GT	DECAL,COSMETIC,GENIE Z-45/25J	1
16	62927GT	DECAL,COSMETIC,GENIE Z-45/25	1
17	72444GT	DECAL,GROUND CONTROL PANEL	1
18	72867GT	DECAL,LABEL,LIGHTS***	1
19	82240GT	DECAL,LABEL,105 DB	1
20	82279GT	DECAL,PLATFORM CONTROL PANEL	1
21	82472GT	DECAL,WARNING,CRUSHING HAZARD	3
22	82473GT	DECAL,SYMBOL-COMP ACCESS	1
23	82481GT	DECAL,SYMBOL-BATTERY SAFETY	2

102.1 Symbol Decals - Bi-Energy



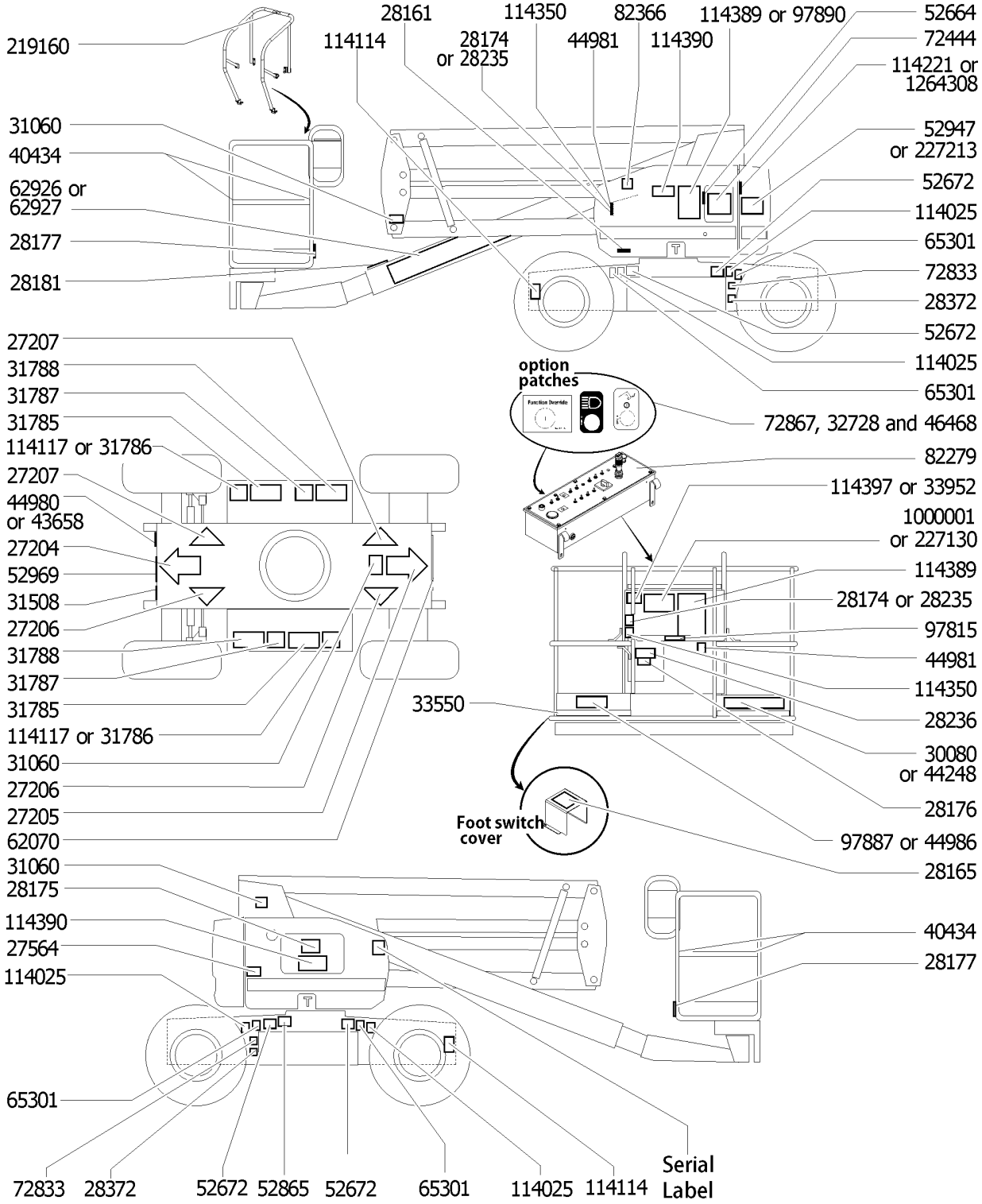
Item	Part No.	Description	Qty.
24	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
25	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
26	82601GT	DECAL,LABEL,MAX CAPACITY***	1
27	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
28	82604GT	DECAL,DANGER,SIDE FRC 400N	1
29	82612GT	DECAL,DANGER,MAX CAP,200KG	1
30	82647GT	DECAL,DRIVE ENABLE PATCH	1
31	97815GT	DECAL,LABEL,LOWER MIDRAIL (CE models)	1
32	114025GT	DECAL,LABEL,WHEEL LOAD Z4525DC	4
33	114114GT	DECAL,LABEL,TRANSPORT	2
34	114247GT	DECAL,LABEL,FALL HAZARD***	1
35	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY	1
36	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	4
37	114251GT	DECAL,LABEL,NO SMOKING,SYMB	2
38	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	2
39	114334GT	DECAL SYMBOL ELECTRIC HAZARD PLUG	1
40	114343GT	DECAL,LABEL,EMERGENCY DOWN	1
41	114345GT	DECAL,LABEL,TIPOVER,BATTERIES	1
42	114391GT	DECAL,WARNING,CRUSHING	1
43	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
44	133286GT	DECAL, POWER TO CHARGER, UNIV	1
45	219160GT	DECAL, INSTRUCTION, OPS option	1
46	T112773GT	TAPE, PROTECTIVE MASK	2

103.1 Word Decals - DC Power



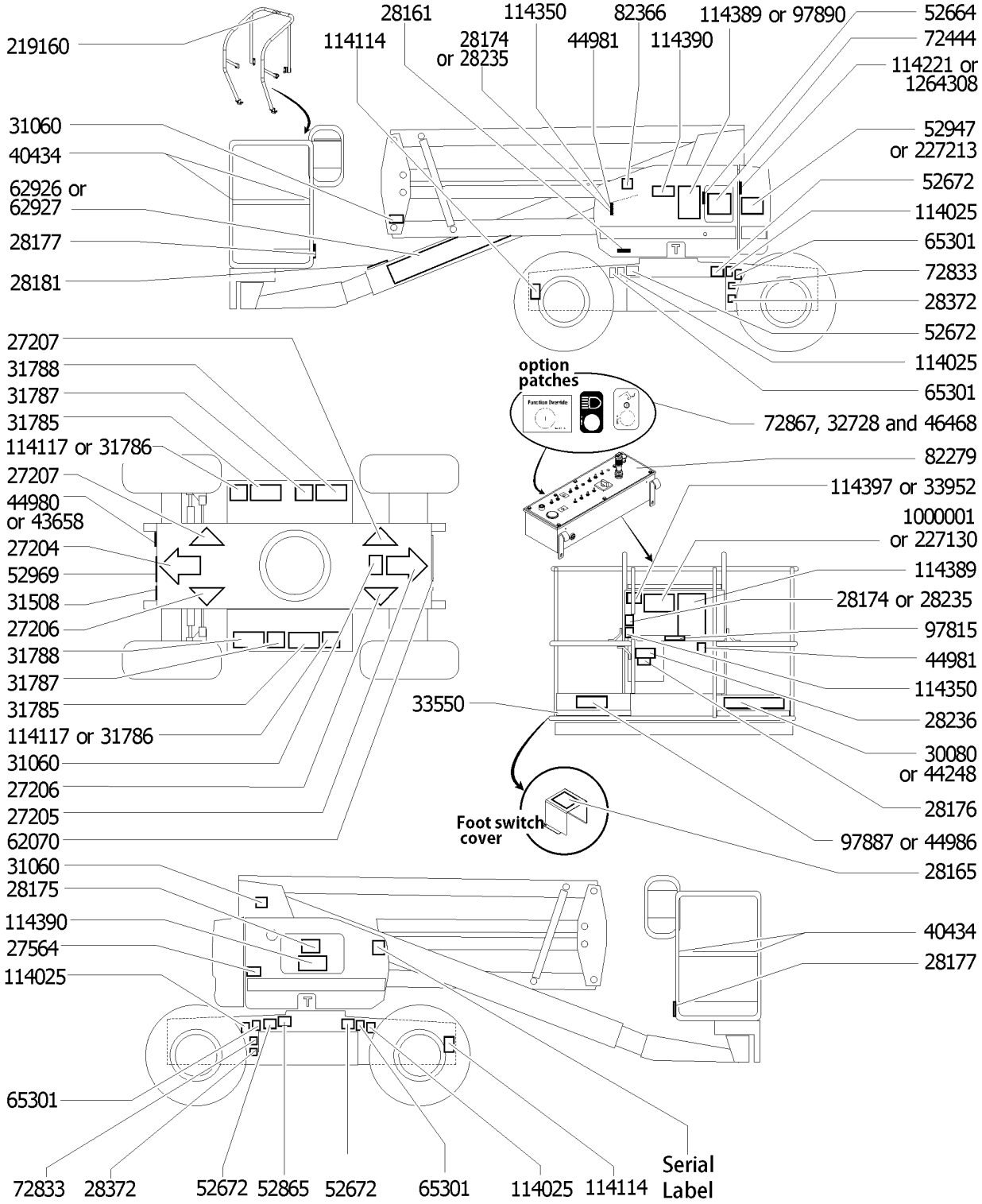
Item	Part No.	Description	Qty.
	822005GT	DECAL KIT,Z45 PLAT,WORD,ANSI Platform Decal Kit, ANSI	
	822006GT	DECAL KIT,Z45 COMP,WORD,ANSI Complete Decal Kit, ANSI (from SN 33948 to 34010) (from SN A-34011) (from SN B-101) (from SN D-101)	
	822038GT	DECAL KIT,Z45 PLAT,WORD,AUS Platform Decal Kit, AUS (to 34010) (from SN A-34011 to A-40559) (from SN7B-101 to B-1725)	
	822039GT	DECAL KIT,Z45 COMP,WORD,AUS Complete Decal Kit, AUS (from SN 33948 to 34010) (from SN A-34011 to A-40559) (from SN B-101 to B-1725)	
	822013GT	DECAL KIT,Z45 PLAT,WORD,AUS Platform Decal Kit, AUS (from SN A-40560) (from SN B-1726) (from SN D-101)	
	822014GT	DECAL KIT,Z45 COMP,WORD,AUS Complete Decal Kit, AUS (from SN A-40560) (from SN B-1726) (from SN D-101)	
1	114020GT	DECAL KIT, Z45 DC & BI, WORDS from SN 27000 to 33947; 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 to SN 33947	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
17A	37052GT	DECAL,NOTICE,MAX LOAD 500 LBS (models with 4' platform)	
17B	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS (models with 5' platform)	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

103.1 Word Decals - DC Power



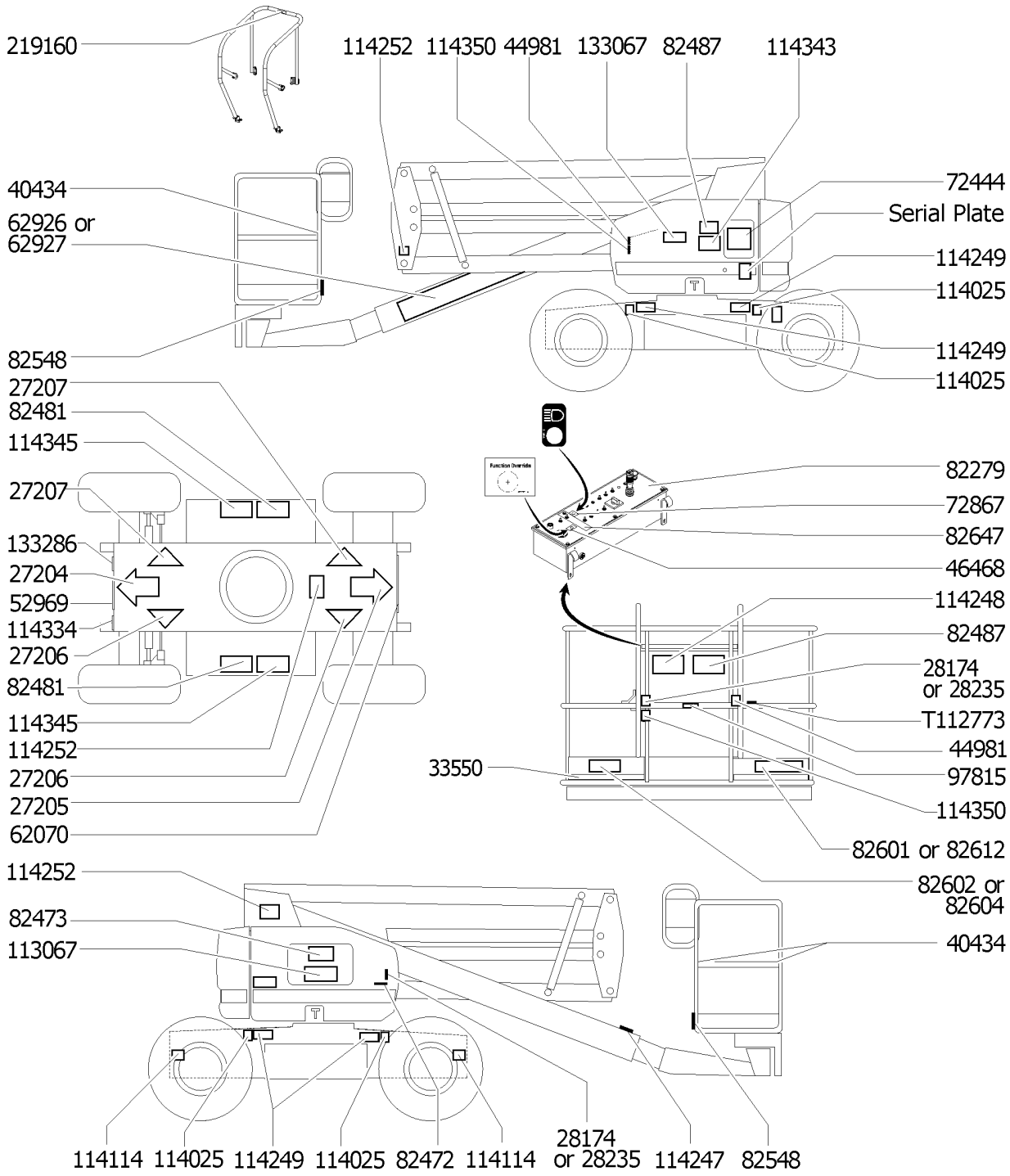
Item	Part No.	Description	Qty.
21	31786GT	DECAL,NOTICE,BATT CONNECTION to SN 33947	2
22	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2
23	31788GT	DECAL,DANGER,BATTERY SAFETY***	2
24	32728GT	DECAL,OPTION GENERATOR***	1
25	33550GT	TAPE,WARNING,BLK/YEL, 50'*** (sold by the roll. 648" per roll) (Required to be iInstall at base of platform toeboard for Australian market)	1 roll
26	33952GT	DECAL,DANGER,TILT ALARM to SN 33947	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, from SN 37297)	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

103.1 Word Decals - DC Power



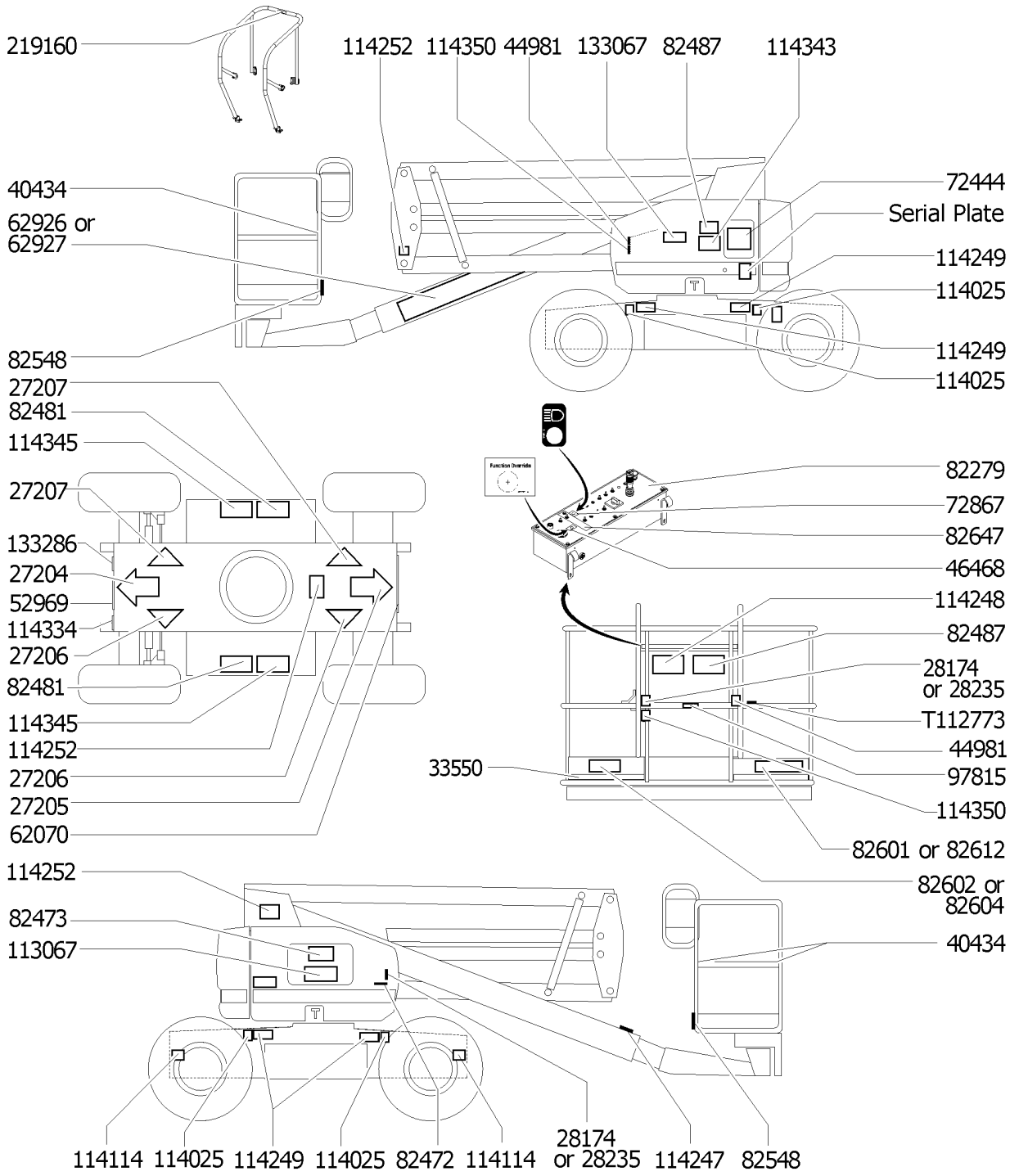
Item	Part No.	Description	Qty.
49	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI ANSI models	1
50	97890GT	DECAL,DANGER,GEN SAFETY RULES to SN 33947	2
51	114025GT	DECAL,LABEL,WHEEL LOAD Z4525DC	4
52	114114GT	DECAL,LABEL,TRANSPORT	2
53	114117GT	DECAL,BATT CONN DIAGRAM from SN 33948	1
54	114221GT	DECAL,LABEL,RELAYS,Z45DC,BE	1
55	114350GT	DECAL,AC INVERTER POWER,115V	2
56	114389GT	DECAL,DANGER,GENERAL SAFETY from SN 33948	2
57	114390GT	DECAL,DANGER,ELECT HAZARD*** from SN 33948	2
58	114397GT	DECAL,DANGER,TILT ALARM from SN 33948	1
59	219160GT	DECAL, INSTRUCTION, OPS option	1
60	227130GT	DECAL,OPER INST,Z45DC PLAT AUS Australia models	1
61	227213GT	DECAL,OPER INST,DC BOOM GND AU Australia models	1
62	1000001GT	DECAL, INSTR, OP INST,DC ANSI models	2
62	1264308GT	DECAL,LABEL,RELAYS,Z45DC,BE	
	77046GT	SERIAL # LABEL,MYLAR 4X8***	

104.1 Symbol Decals - DC Power



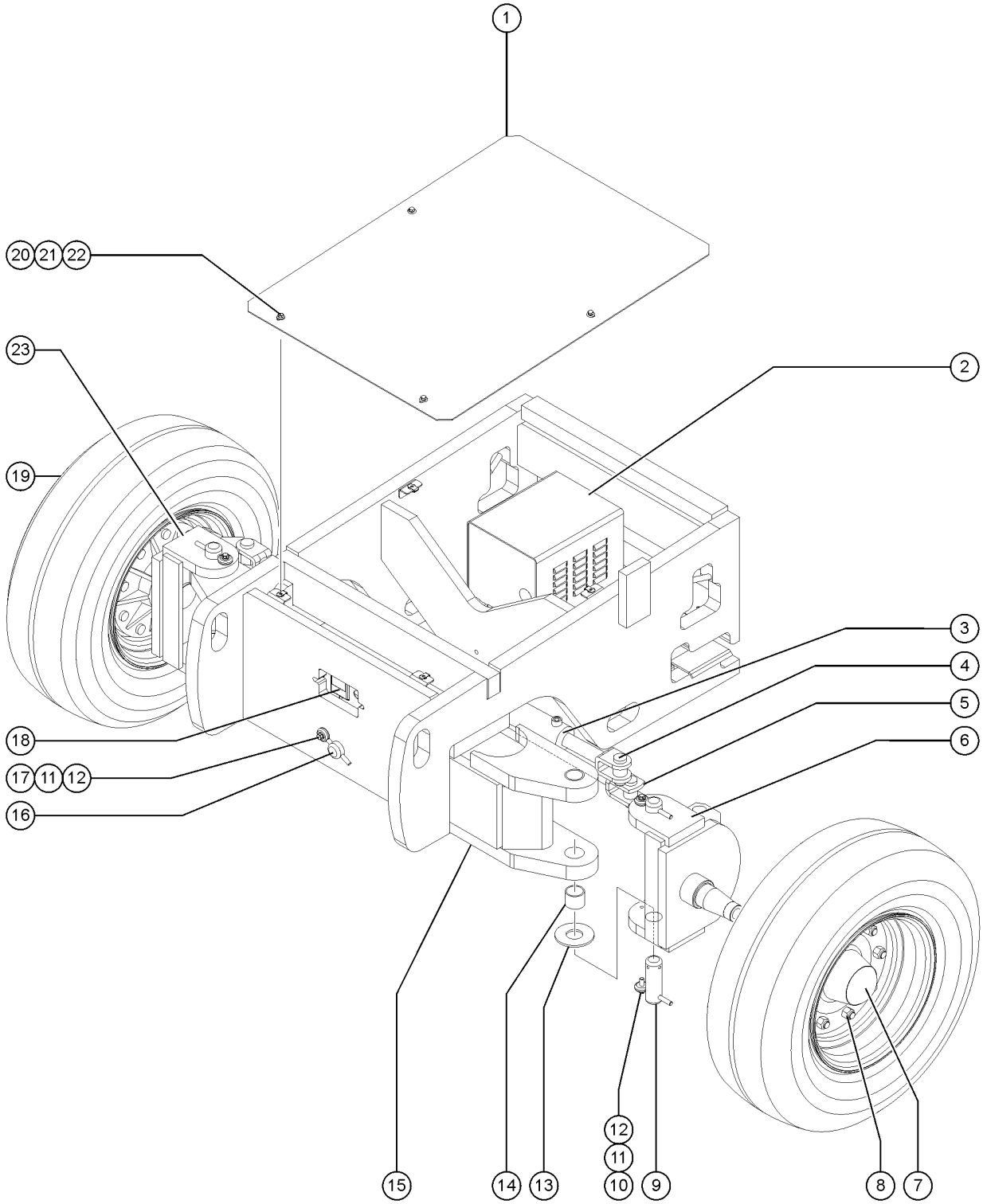
Item	Part No.	Description	Qty.
A	823153GT	DECAL KIT,Z45 PLAT,SYM,ANSI Platform Decal Kit, ANSI	
B	823154GT	DECAL KIT,Z45DC COMP,SYM,ANSI Complete Decal Kit, ANSI (from SN 33948 to 34010) (from SN A-34011) (from SN B-101) (from SN D-101)	
C	823161GT	DECAL KIT,Z45 PLAT,SYM,CE Platform Decal Kit, CE	
D	823162GT	DECAL KIT,Z45DC COMP,SYM,CE Complete Decal Kit, CE (from SN 33948 to 34010) (from SN A-34011) (from SN B-101) (from SN D-101)	
1	82774GT	DECAL KIT,Z45 DC & BI,SYMB (from SN 27000 to 33947) 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 iInstall 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

104.1 Symbol Decals - DC Power



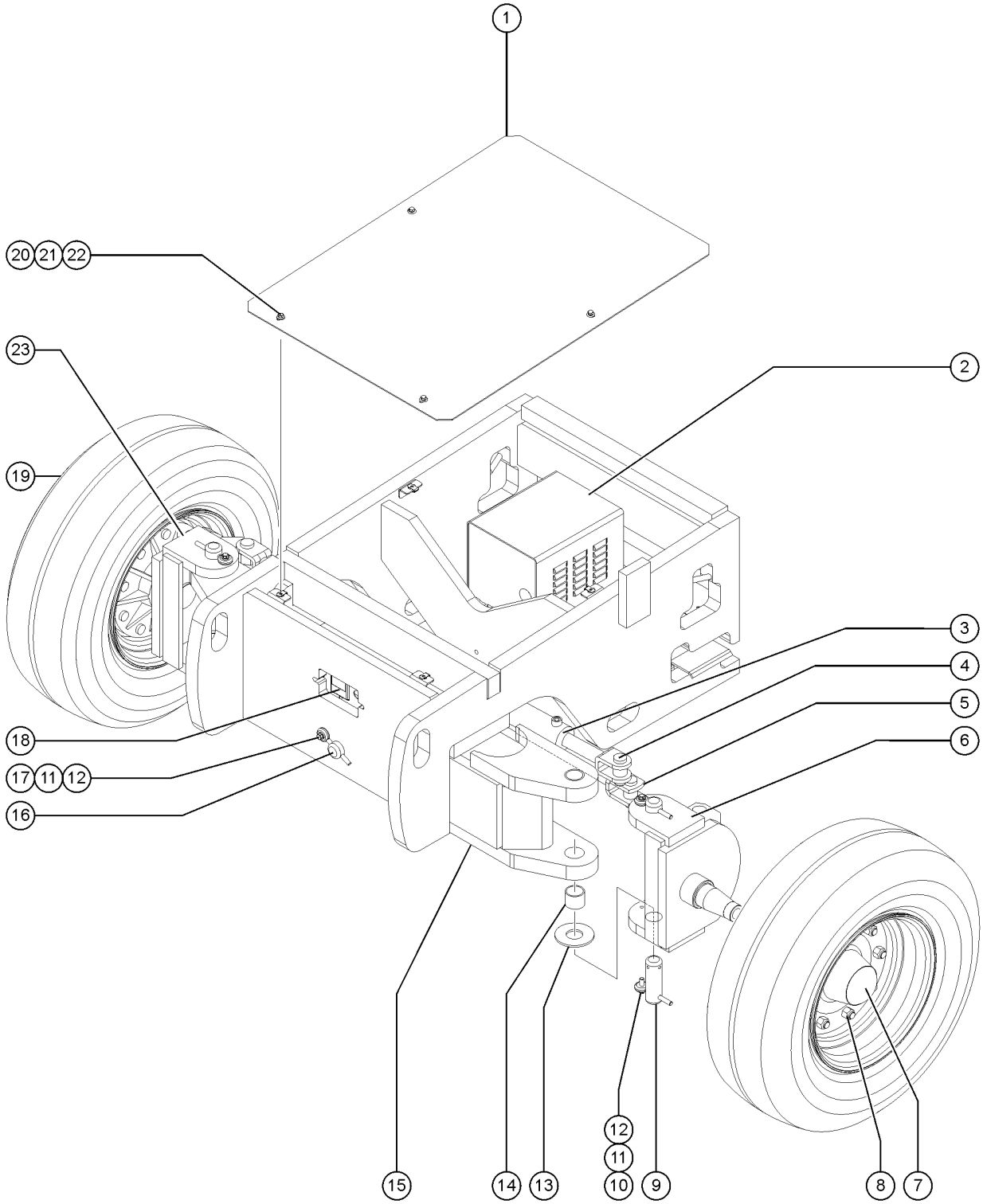
Item	Part No.	Description	Qty.
24	82601GT	DECAL,LABEL,MAX CAPACITY***	1
25	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
26	82604GT	DECAL,DANGER,SIDE FRC 400N	1
27	82612GT	DECAL,DANGER,MAX CAP,200KG	1
28	82647GT	DECAL,DRIVE ENABLE PATCH	1
29	97815GT	DECAL,LABEL,LOWER MIDRAIL CE models	1
30	133067GT	DECAL,DANGER,ELEC.HAZ.STAY 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 option	1
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-steeer 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		Ref., COVER, DRIVE, DRIVE LIGHT OPT. models with drive lights (refer to 909.1)	
2		Ref. Battery Charger refer to 204.1	
3	88337GT	CYLINDER,STEER	2
3-	88338GT	SEAL KIT, 88337	
4	19440GT	PIN,CLEVIS,1 X 2.5 LG	4
4-	5361GT	PIN,COTTER,.125 X 1.5	
5	229798GT	TIE ROD WELDMENT, NARROW	1
6	52733-SGT	YOKE ASSY.LH'2WD'Z45IC	1
6-	25817GT	BEARING,1.00IDX1.25ODX1.00L	2
7	54840GT	HUB ASSEMBLY,9 BOLT***	2
7-	54959GT	CAP,DUST (54840 HUB ASSY)	
7-	54960GT	SEAL-GREASE,9-BOLT HUB 54840	
7-	54961GT	BEARING,INNER,9 BOLT HUB***	
7-	54962GT	BEARING,OUTER,9 BOLT HUB***	
7-	45112GT	WASHER,SPINDLE	
7-	45113GT	NUT,SPINDLE,1-14	
7-	45114GT	PIN,COTTER,.219 X 1.75	
8	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	
8-	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	
9	88752GT	PIN,1.50DIAX4.25LG,GR/H	4
9-	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	6021GT	WASHER, LOCK, .375	
12	825019GT	ROD END, .375X3.69, ZAG	
13	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2

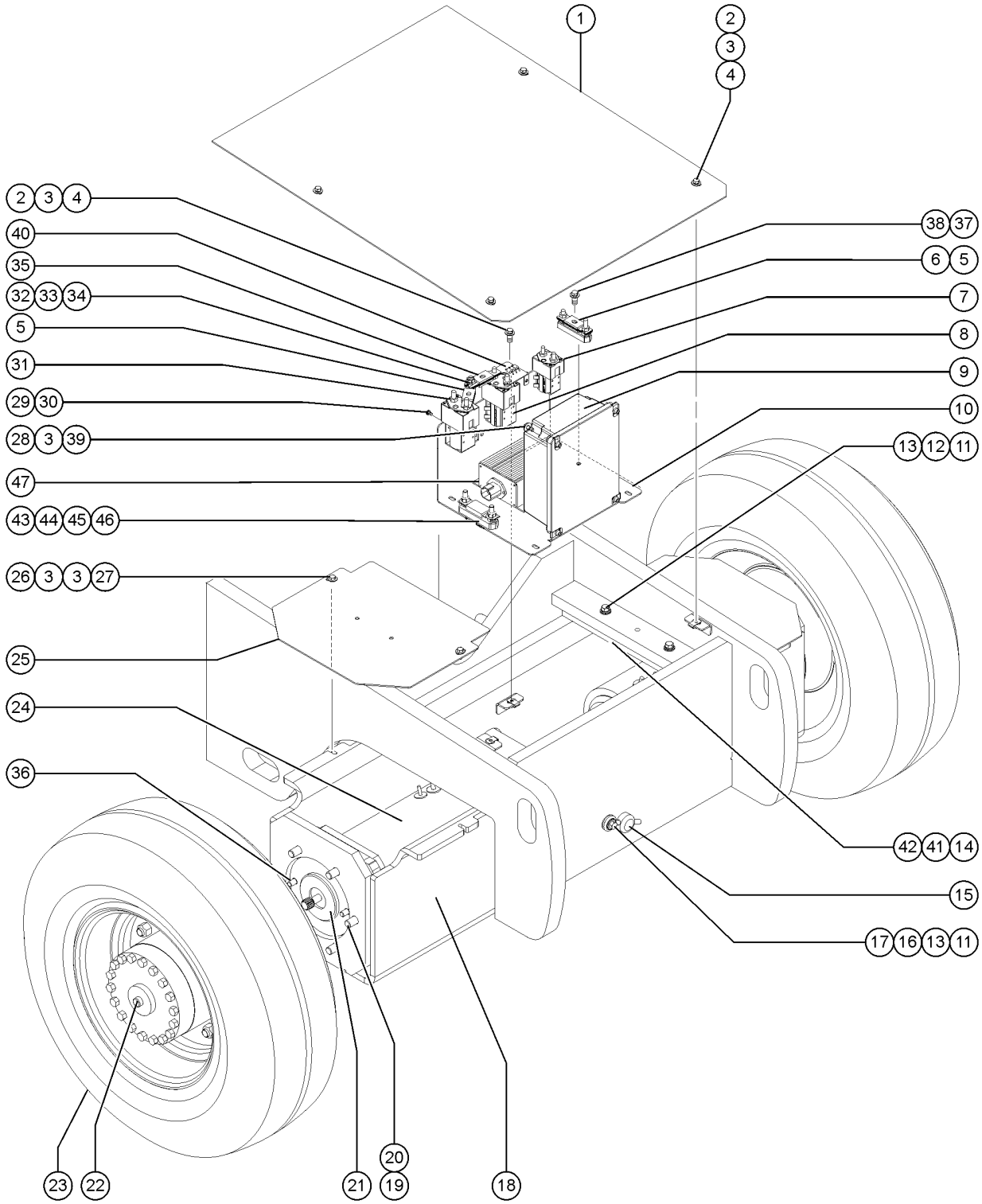
201.1 Steer End



201.1 Steer End

Item	Part No.	Description	Qty.
14	45071GT	BEARING,1.5IDX1.75ODX1.5L	
15	52735GT	FRONT AXLE ASSY,NRRW,Z45/25 includes item 14; to SN 31771	1
15-	119981GT	AXLE ASSY,FRONT,NARROW Z45/Z51 includes item 14; from SN 31772	
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
19A	1267779GT	TIRE/WH ASSY,9 LG,FOAM,S FRONT (steer end)	2
19B	1267781GT	TIRE/WH ASSY,9 LG,NM,FOAM,S FR (steer end)	2
19C	1267784GT	TIRE/WH ASSY,9 LG,REPNEU,S (steer end)	2
19D	1267786GT	TIRE/WH ASSY,9 LG,NM,REPNEU,S (steer end)	2
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

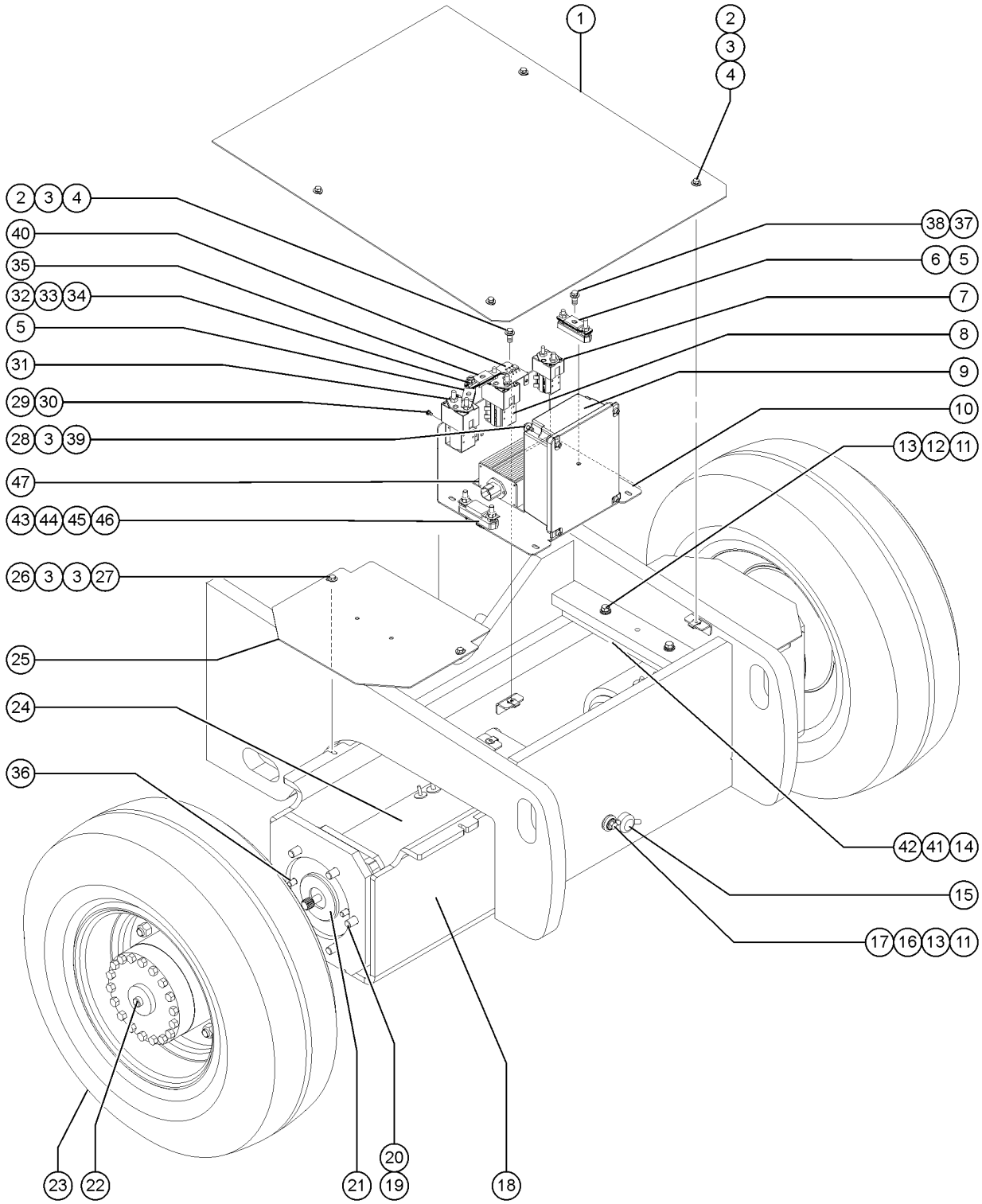
202.1 Non-steer End



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-	74495GT	SPRING, RETURN (FOR 74268)	
7-	22262GT	CONTACT,MOVING,19549RELAY*	
7-	22263GT	CONTACT,STATIONARY,19549RELAY*	
8	74267GT	CONTACTOR,DRIVE,24V,180A***	1
8-	74470GT	MOVING CONTACT (FOR PN 74267)	
8-	74468GT	SPRING, RETURN (FOR 74267)	
8-	74469GT	FIXED CONTACT (FOR 74267)	
9	128337GT	CONTROLLR,SEPEX MOTOR,Z45DC/BE	1
9-	56561GT	TOOL,TERMINAL CRIMPER,MOLEX***	
9-	56562GT	TOOL,TERMINAL EXTRACTOR,MOLEX	
9-	128598GT	HARNESS RETRO 24V RELAY	
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 to SN 31771	1
18-	45071GT	BEARING,1.5IDX1.75ODX1.5L	

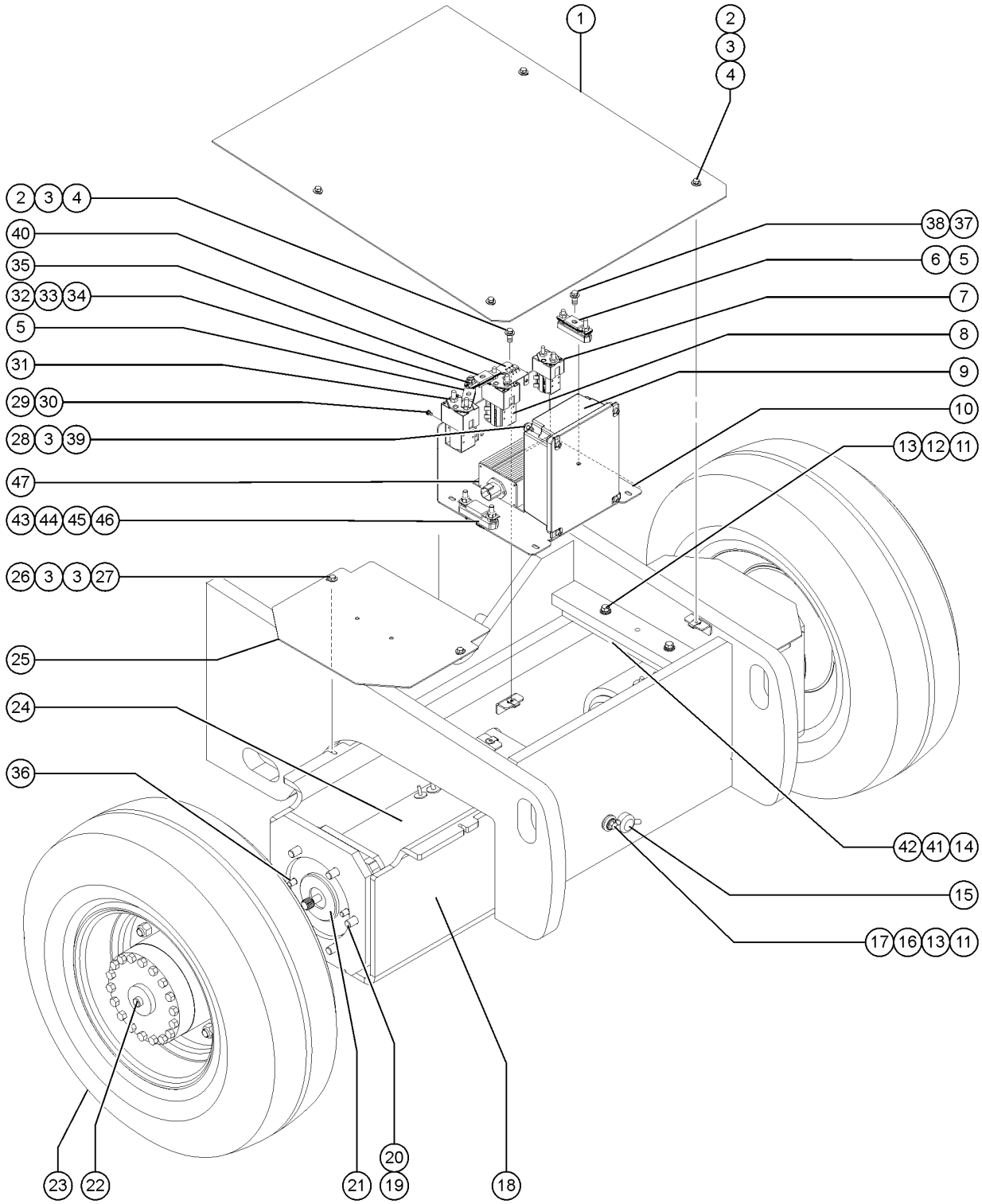
202.1 Non-steer End



202.1 Non-steer End

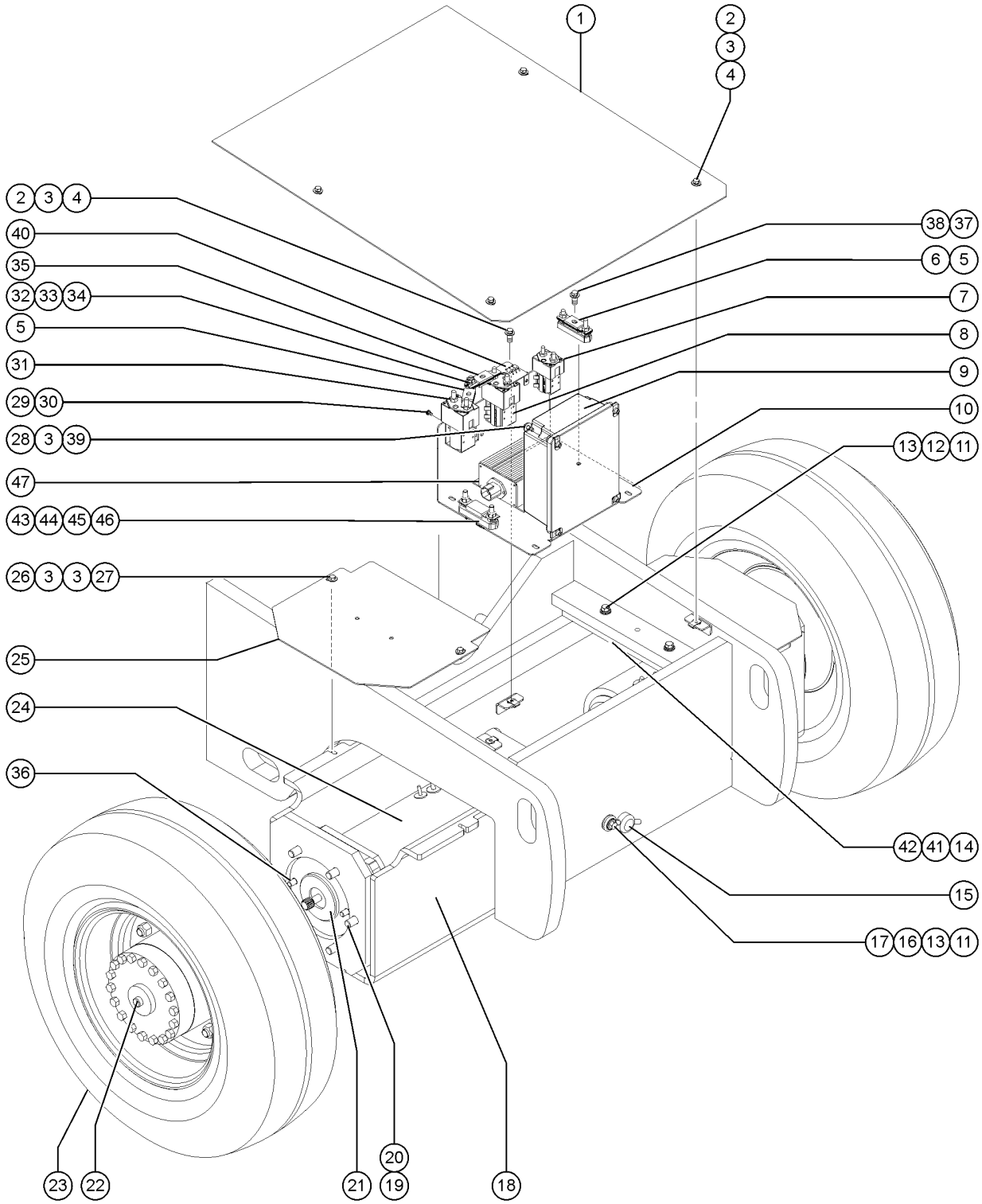
Item	Part No.	Description	Qty.
18-	119980GT	AXLE ASSY,REAR,NARROW Z45/Z51 from SN 31772	
19	19418GT	SCREW,SHC,5/8-11 X 1.75	
20	13064GT	WASHER,FLAT,.625 HARDENED	
21A	139351GT	BRAKE, NEMA, 1200 IN/LB	2
21A-	65608GT	BEARING KIT, AUSCO*** for 139351	
21A-	139355GT	GASKET KIT, AUSCO 1200 IN/LB for 139351	
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-	94879GT	LINING KIT*** for 101966 brake	
21B-	65618GT	SEAL KIT,BRAKE*** for 101966 brake	
21B-	94880GT	BEARING KIT for 101966 brake	
22A	106148GT	WHEEL DRIVE,4HB,48:1*** (verify component before ordering) (Do Not use with 218570) (Seal Kit 1286600, Bearing Kit 1286601)	2
22A-	106124GT	LINING KIT, BRAKE, 4HP*** 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-	1286602GT	SEAL KIT,WHEEL DRIVE W/BRAKE (101584/101585)	
22A-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) for 106148	
22A-	1286603GT	BEARING KIT,WHEEL DRIVE W/BRAKE (101584/101585) for 106148	
22A-	146051GT	BEARING NUT*** for 106148	
22A-	232486GT	SNAP RING,WHEEL DRIVE for 106148	
22A-	215777GT	INPUT CARRIER, SUB-ASSEMBLY for 106148	
22A-	58320GT	KIT,TORQUE HUB COVER(101584)** for 106148	
22A-	106122GT	CAP,DISENGAGE,4HP/4HB*** for 106148	
22A-	106121GT	ROD,DISCONNECT 4HP/4HB*** for 106148	
22A-	106117GT	O-RING,2-010,VITON for 106148 (Mating O-ring for Brake Port)(Extremely small)	
22A-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) for 106148 (inventory limited to stock on hand as component is no longer available)	
22A-	9990074GT	COUPLING for 106148 (brake coupler)	

202.1 Non-steer End



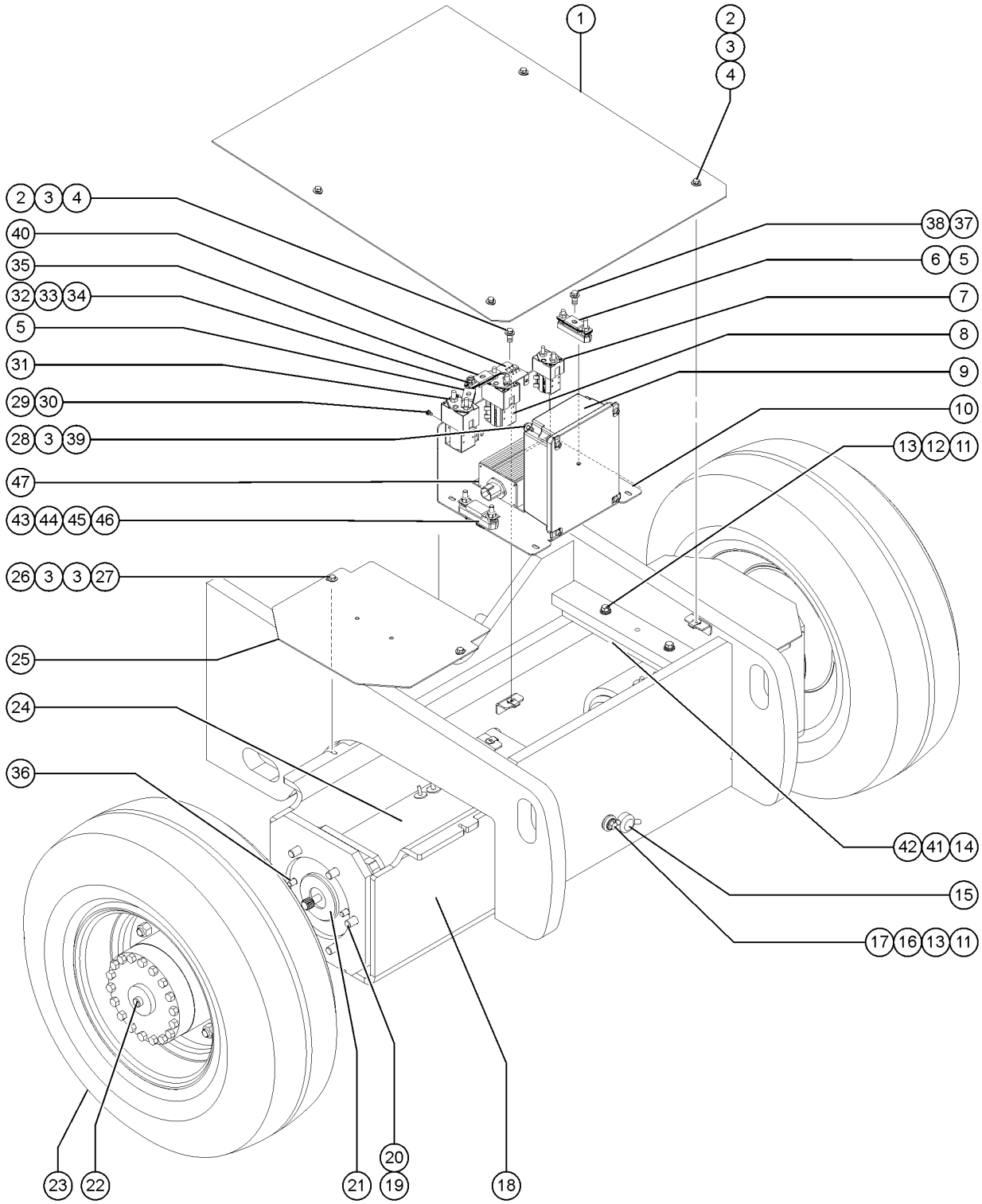
Item	Part No.	Description	Qty.
22A-	146052GT	SET SCREW*** for 146051	
22A-	106120GT	WHEEL STUD, 4HP, 5/8-18*** for 106148	
22A-	106123GT	O-RING,END COVER,4HP/4HB*** for 106148	
22B	218570GT	WHEEL DRIVE, NON-BRAKE, 47.6:1 (verify component before ordering) (Do Not use with 106148)	2
22B-	147034GT	PIPE PLUG KIT,OMNI*** for 218570	
22B-	139967GT	CAP,DISENGAGE,OMNI*** for 218570	
22B-	58531GT	ORING,568-908 N552-90 NBR,10PK for 218570	
22B-	229834GT	SEAL KIT, OMNI for 218570	
22B-	9990138GT	CAPSCEW, MACH HD, M10-1.5X20 (Component of P/N 229763GT) for 218570	
22B-	139966GT	ROD,DISCONNECT,OMNI*** for 218570	
22B-	139965GT	WHEEL STUD,5/8-18,OMNI*** for 218570	
22B-	139968GT	O-RING,END COVER,OMNI*** for 218570	
22B-	229833GT	BEARING KIT, OMNI for 218570	
23A	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)	
24A	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-	62105GT	BRUSH HOLDER(56282) for AMD motor 56282	
24A-	147187GT	BRUSH KIT, DRIVE MOTOR for AMD motor 56282	
24A-	44778GT	BEARING,MOTOR,36843,BRUSH END* for AMD motor 56282	
24A-	56282GT	MOTOR,SEP-EX,24V*** AMD motor; check stamp on part prior to ordering	
24A-	37189GT	SPRING, BRUSH RETAINER, 36182* for AMD motor 56282	
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	
24B	94316GT	BRUSH RETAINING SPRING,DR MTR 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-	22811GT	O-RING,MOTOR TO BRAKE*** measures approx 4" x 0.10"	2

202.1 Non-steer End



Item	Part No.	Description	Qty.
24C-	44778GT	BEARING,MOTOR,36843,BRUSH END* for AMD motor 56282	
24C-	62105GT	BRUSH HOLDER(56282) for AMD motor 56282	
24C-	147187GT	BRUSH KIT, DRIVE MOTOR for AMD motor 56282	
24C-	37189GT	SPRING, BRUSH RETAINER, 36182* for AMD motor 56282	
25	70655GT	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-	62695GT	CONTACT,STATIONARY (56434)**	
31-	74471GT	SPRING,RETURN (74266)	
31-	62696GT	CONTACT-MOVEABLE (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	824103GT	SCREW,SHC,1/2-13X3,A574,ZAG	4
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 to SN 29757	as-needed
41-	119209GT	SHIM,AXLE ROTATION STOP,22GA from SN 29758	as-needed
42	119210GT	SHIM,AXLE ROTATION STOP,12GA to SN 29757	as-needed

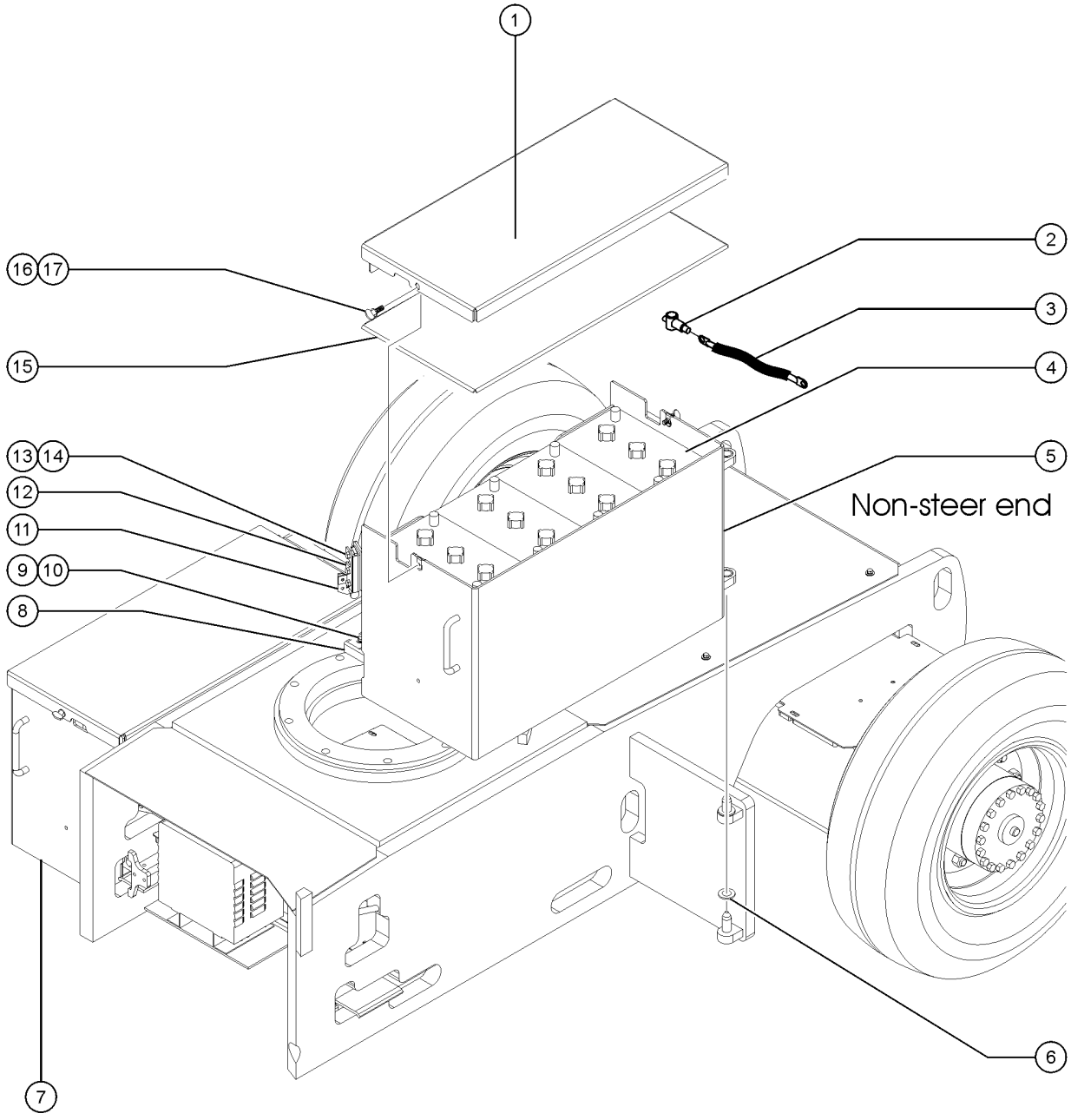
202.1 Non-steer End



202.1 Non-steer End

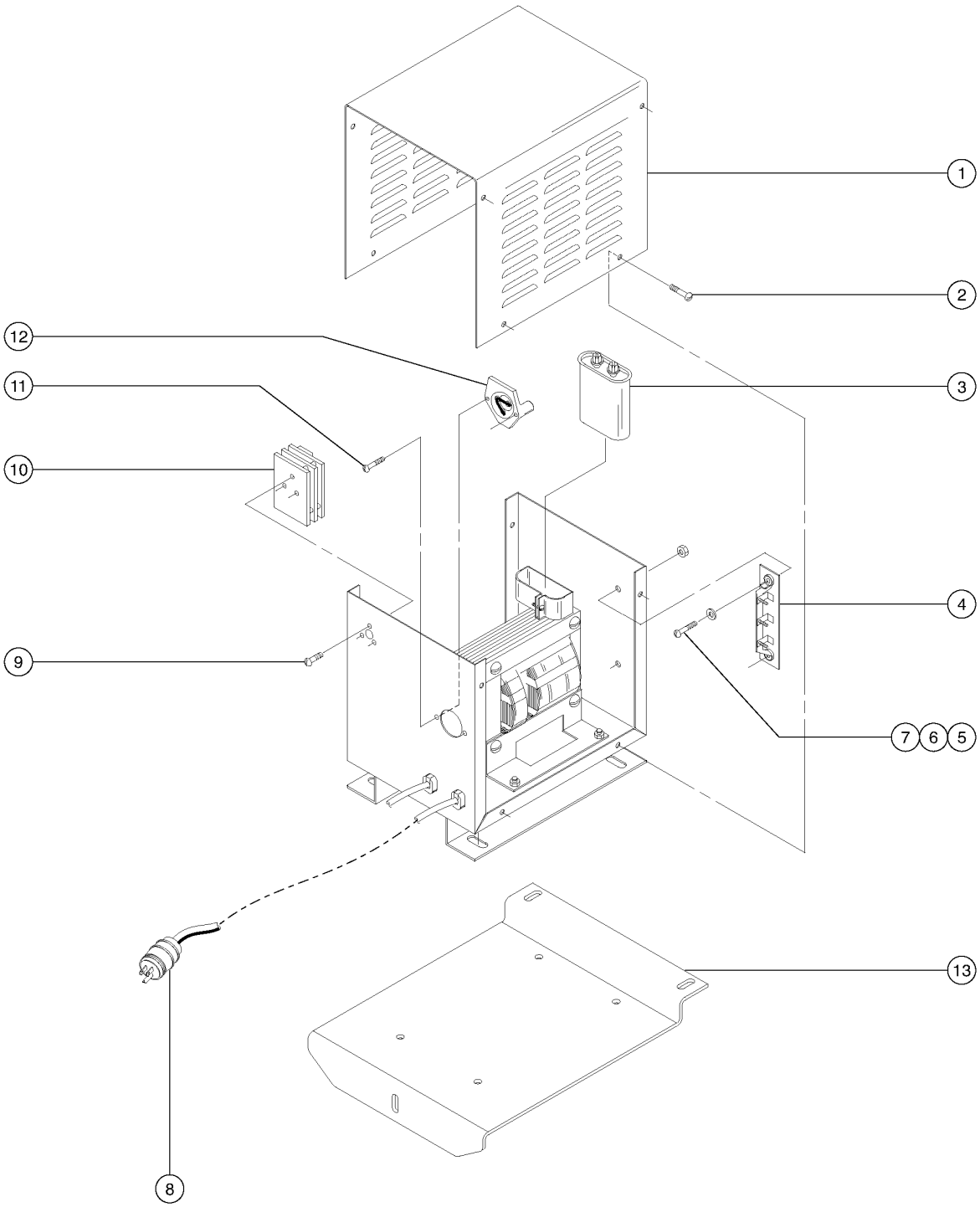
Item	Part No.	Description	Qty.
42-	119210GT	SHIM,AXLE ROTATION STOP,12GA from SN 29758	as-needed
43	36372GT	FUSE,50 AMP,VERY FAST ACTING DC models with Inverter	1
44	66717GT	FUSE BLOCK, ANN & ANL FUSE DC models with Inverter	1
45	6782GT	NUT, NYLOCK, 5/16-18 for 36372	2
46	17626GT	SCREW,FHM,10-32 X .75 for 66717	2
47	79452GT	CONVERTER, DC-DC, 48-26 VOLT** from SN Z452513A-48153 and from Z452513B-3078 (mounting hardware not included)	1
47-	6146GT	WASHER,FLAT,MS,#10,Y (not shown, not included)	4
47-	6607GT	WASHER,LOCK,#10 PLTD (not shown, not included)	4
47-	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG (not shown, not included)	4
47-	73587GT	SCREW,PHIL,10-24 X .75 (not shown, not included)	4

203.1 Battery Packs



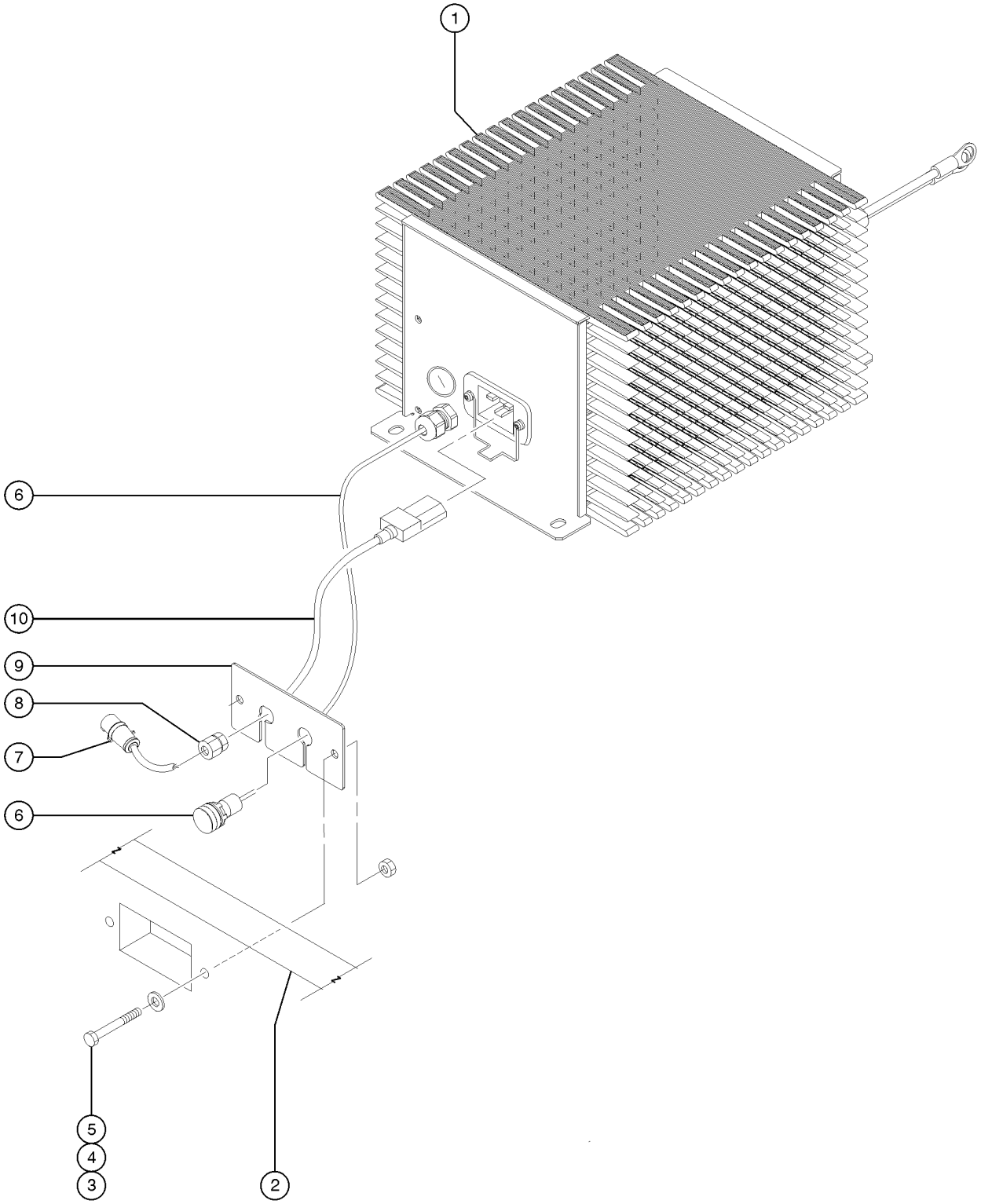
Item	Part No.	Description	Qty.
1	94001GT	LID-BATTERY BOX W/DECALS**	2
2	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	4
3	19520GT	BATTERY CABLE ASSY,9.5"JUMPER	6
4A	36579GT	BATTERY, 350AH,GROUP L16G(DRY)	8
4B	823684GT	BATTERY,AGM,6V/390A,L16 models with AGM option from SN 46035	8
5A	94003GT	BATTERY BOX ASSY,CONTRL SIDE** includes items 1, 8, 11, 12, 16 & 17, to SN Z452513A-48672	1
5A-	36369GT	BEARING,0.75IDX1.00ODX0.75L	2
5B	161941GT	BATTERY BOX ASSY, LH decal 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	
7A	94002GT	BATTERY BOX ASSY,TANK SIDE*** includes items 1, 8, 11, 12, 16 & 17, to SN Z452513A-48672	1
7A-	36369GT	BEARING,0.75IDX1.00ODX0.75L	2
7B	161940GT	BATTERY BOX ASSY, RH decal 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	
11A	66900GT	LATCH,ROTARY, W/KNOB, LEFT installed on RIGHT side of chassis	1
11B	66901GT	LATCH,ROTARY, W/KNOB,RIGHT (shown) installed on LEFT side of chassis	1
12A	101425PGT	FORMING,BATTERY BOX LATCH LH (shown)	1
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 models with AGM option from SN 46035	2
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 (to SN Z4525-9999)



Item	Part No.	Description	Qty.
	54794GT	CHARGER,48V,110VAC,60H,25A (replaced by 139720 from SN 10000 to 38701)	
	54795GT	CHARGER,48V,200-250VAC,50H,25A (replaced by 139720 from SN 10000 to 38701)	
	54796GT	CHARGER,48V,200-250VAC,60H,25A (replaced by 139720 from SN 10000 to 38701)	
	54797GT	CHARGER,48V,100-125VAC,60H,25A (replaced by 139720 from SN 10000 to 38701)	
	58494GT	CHARGER,48V,110/60,12A,EERATNG (replaced by 139720 from SN 10000 to 38701)	
	101703GT	CHARGER,48V,100-125VAC,50H,25A (replaced by 139720 from SN 10000 to 38701)	
	139720GT	KIT,UNIV CHRGR UPGRADE,Z40/Z45 (from SN Z4525-10000 to Z4525-38701)	
1	40532GT	CASE COVER ONLY 18710/18720	1
2	52916GT	SCREW,10ABX.50",PNHD,ST(41896)	
3	13008-3GT	CAPACITOR,6 MFD,660VAC-CHARGR*	1
4	27262GT	HEATSINK ASSY W/DIODES (23442)	1
5	52918GT	SCREW,HH,10-32 X 3/4"(41896)	
6	6146GT	WASHER,FLAT,MS,#10,Y	
7	6178GT	NUT, NYLOCK, 10-32	
8	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
8-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
8-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
8-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
9	52917GT	SCREW,8ABX3/8",PNHD-S.T(41896)	
10	27263GT	TIMER (23442)(41896)(36314)	1
10-	18078GT	RELAY,CHARGER TIMER**	
10-	27830GT	TIMER(24059,41897,41898,41899)	1
10-	19533GT	RELAY,CHARGER .TIMER(19531/32)	
11	52919GT	SCREW,PHM, NO.7X0.625"(41896)	
12	13008-6GT	FUSE ASSY-BOOM CHARGER	1
13	60060-SGT	FORMING,CHARGER PLATE,PAINTED	1

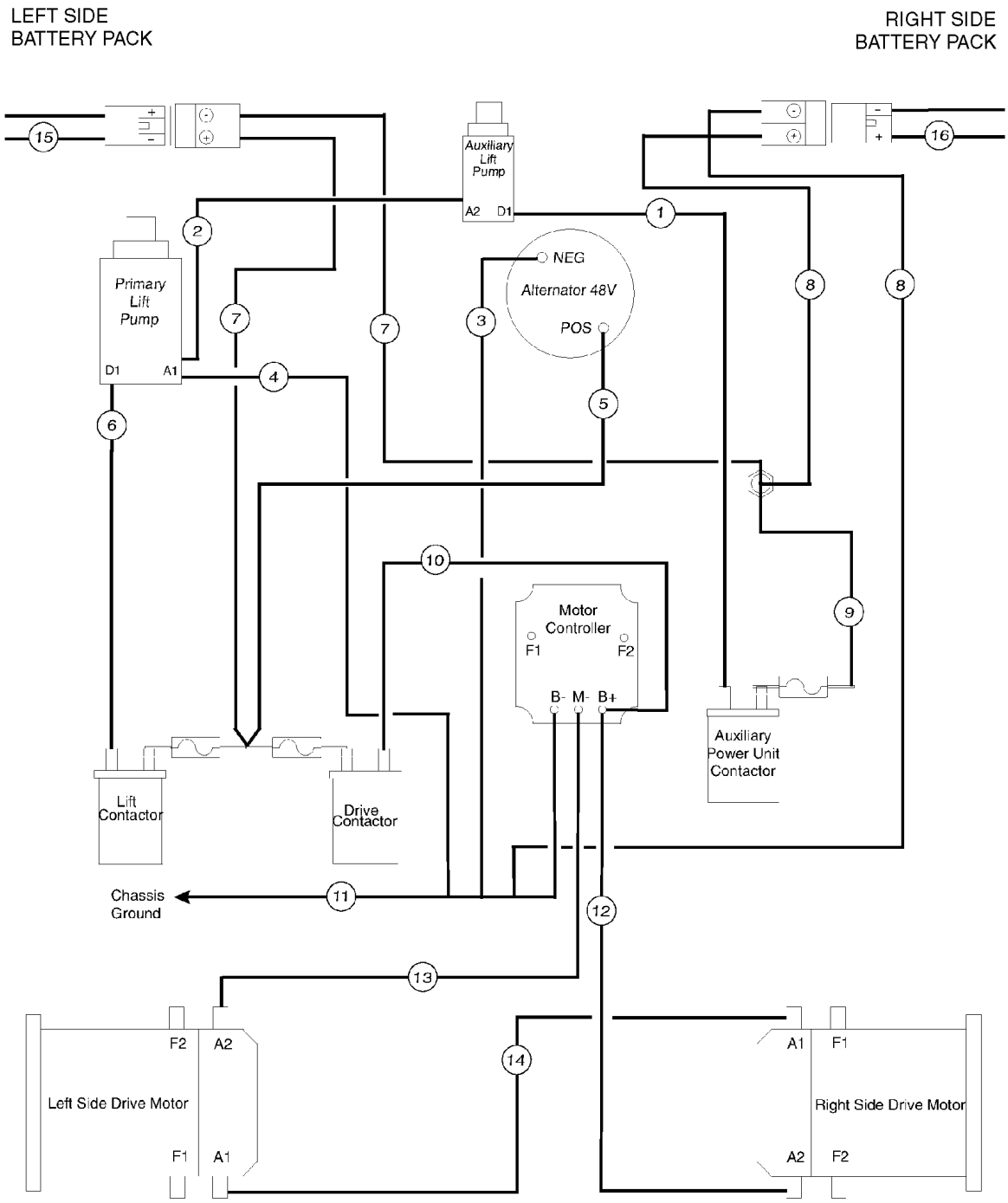
204.2 Battery Charger (from SN Z4525-10000)



204.2 Battery Charger (from SN Z4525-10000)

Item	Part No.	Description	Qty.
1	128375GT	CHARGER 48V/30A AUTO AC X-LED (includes item 6) (order power cord separately)	1
1-	133286GT	DECAL, POWER TO CHARGER, UNIV	1
1-	139857GT	HARN.CHARGER INTERLOCK Z45 (not shown)(option)	1
	228946GT	ASSY,LED,IES CHARGER	
	228947GT	CLIP,RETAINING,IES CHARGER	
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
7A	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	
8A	128118GT	BUSHING,STRAIN RELIEF,.875/.40 (domestic)	
8B	139318GT	BUSHING,STRAIN RELIEF,.875/.30 (UK)	
9	128825GT	BRACKET, CHARGER CORD AND LED	
10A	128645GT	CORD AC IEC320-C19 TO 220EU EU 220V	
10B	128377GT	CORD AC IEC320-C19 TO 110US US 110V	

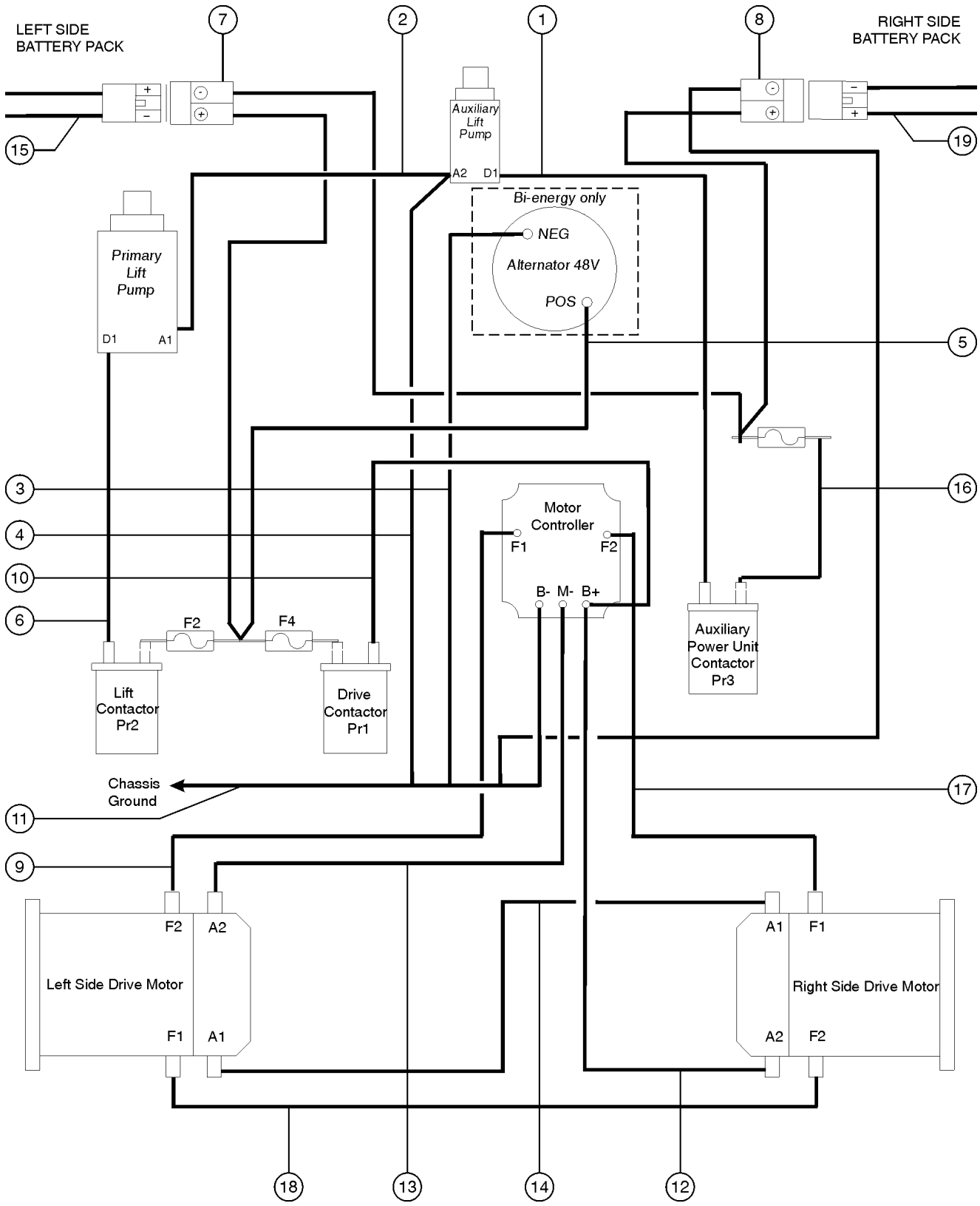
205.1 Power Cables (to SN 08A-35694)



205.1 Power Cables (to SN 08A-35694)

Item	Part No.	Description	Qty.
1	54471GT	CABLE ASSY,#2 RED, 78"	1
2	62091GT	CABLE ASSY,#2 BLACK, 12"	1
3	110896GT	CABLE ASSY, #2 BLACK, 96"	1
4	110896GT	CABLE ASSY, #2 BLACK, 96"	1
5	62094GT	Cable Assembly (Bi-Energy)	1
6	110897GT	CABLE ASSY,#2 RED, 88"	1
7	110895GT	Battery Connector Cable Assembly (Bi-Energy)	1
7-	77723GT	Battery Connector Cable Assembly	
7-	62097-SGT	WIRE ASSY-PWR PAN TO ENG HARN	
7-	128138GT	CONN HOUSING SBX175, BATT	
8	139047GT	HARN ASSY,POWER PACK AP1	1
9	62099GT	Cable Assembly	1
10	62099GT	Cable Assembly	1
11	110894GT	CABLE ASSY,#2 BLACK, 15"	1
12	62101GT	CABLE ASSY-14" RED (45/25)	1
13	62100GT	CABLE ASSY-17" RED (45/25)	1
14	62102GT	CABLE ASSY-31" RED (45/25)	1
15	139011-SGT	SERV KIT,HARN ASSY,PWR BATT PK (right side)	1
15-	139041GT	HARN ASSY, POWER PACK AP2 (left side)	
16	139011-SGT	SERV KIT,HARN ASSY,PWR BATT PK (right side)	1

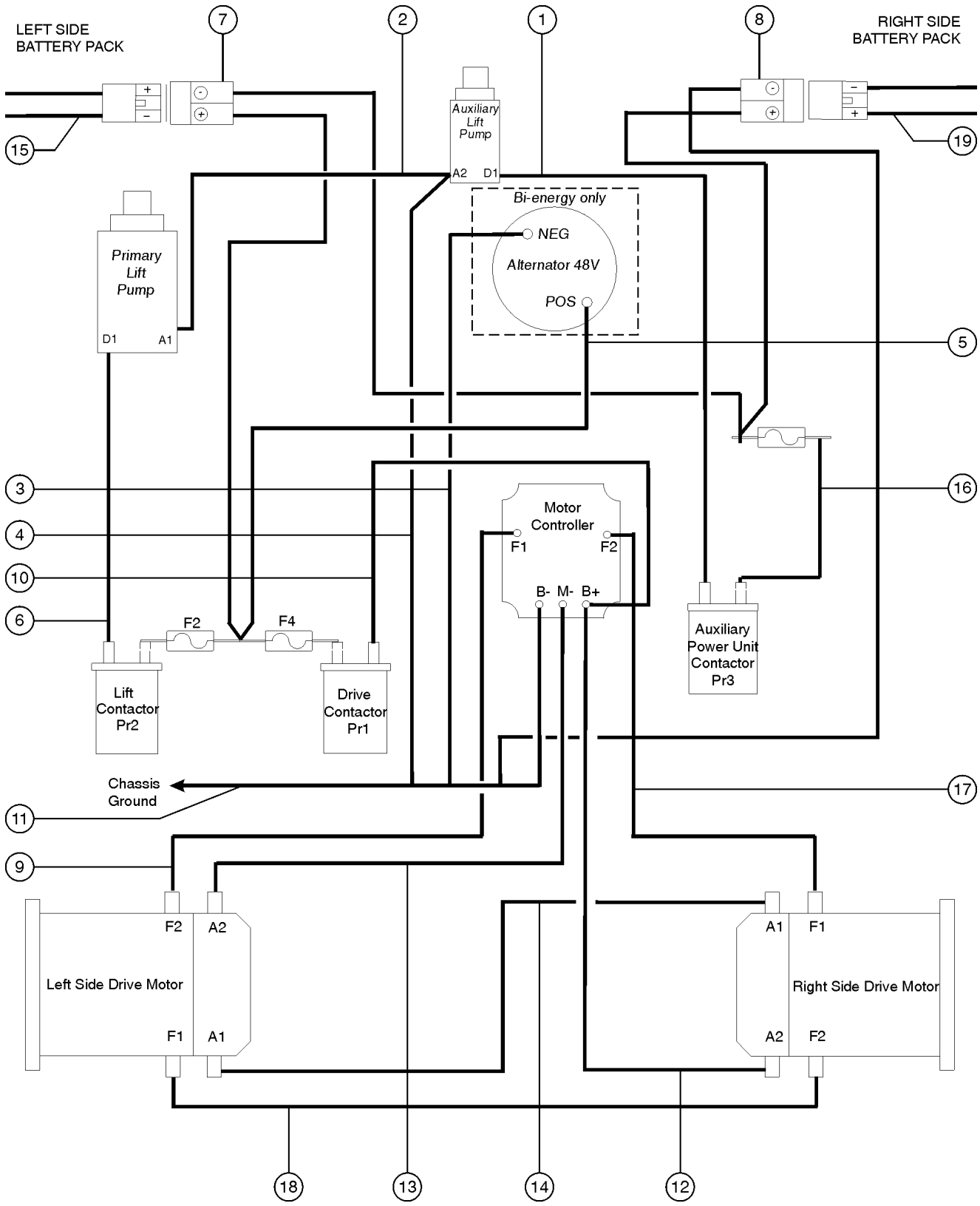
205.2 Power Cables (from SN 08A-35695 and from 12B-2245 and from 13D-101)



205.2 Power Cables (from SN 08A-35695 and from 12B-2245 and from 13D-101)

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 Bi-Energy only	1
4	139052GT	CABLE ASSY #2 BLK AP-A2/GND	1
5	139064GT	CABLE ASSY #2 RED ALT(+)/F2 Bi-Energy only	1
6	139057GT	CABLE ASSY #2 RED PR2/LP-D1	1
7A	139048GT	HARN ASSY,POWER PACK AP2 DC only	1
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	
15A	139011-SGT	SERV KIT,HARN ASSY,PWR BATT PK DC only	1
15A-	128465GT	CABLE ASSY #2 RED BATT	
15A-	128466GT	CABLE ASSY #2 BLK AP1/AP2 BATT	

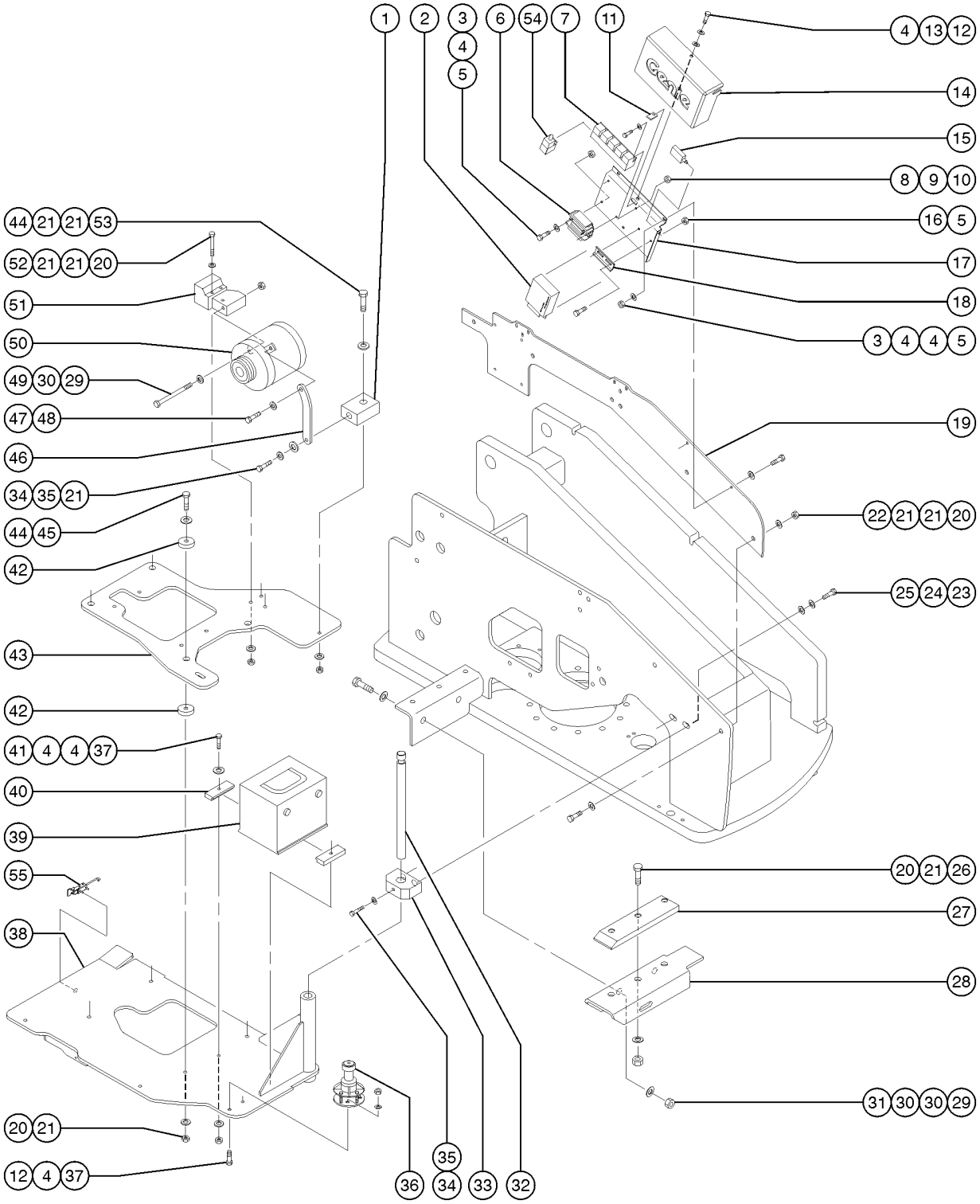
205.2 Power Cables (from SN 08A-35695 and from 12B-2245 and from 13D-101)



205.2 Power Cables (from SN 08A-35695 and from 12B-2245 and from 13D-101)

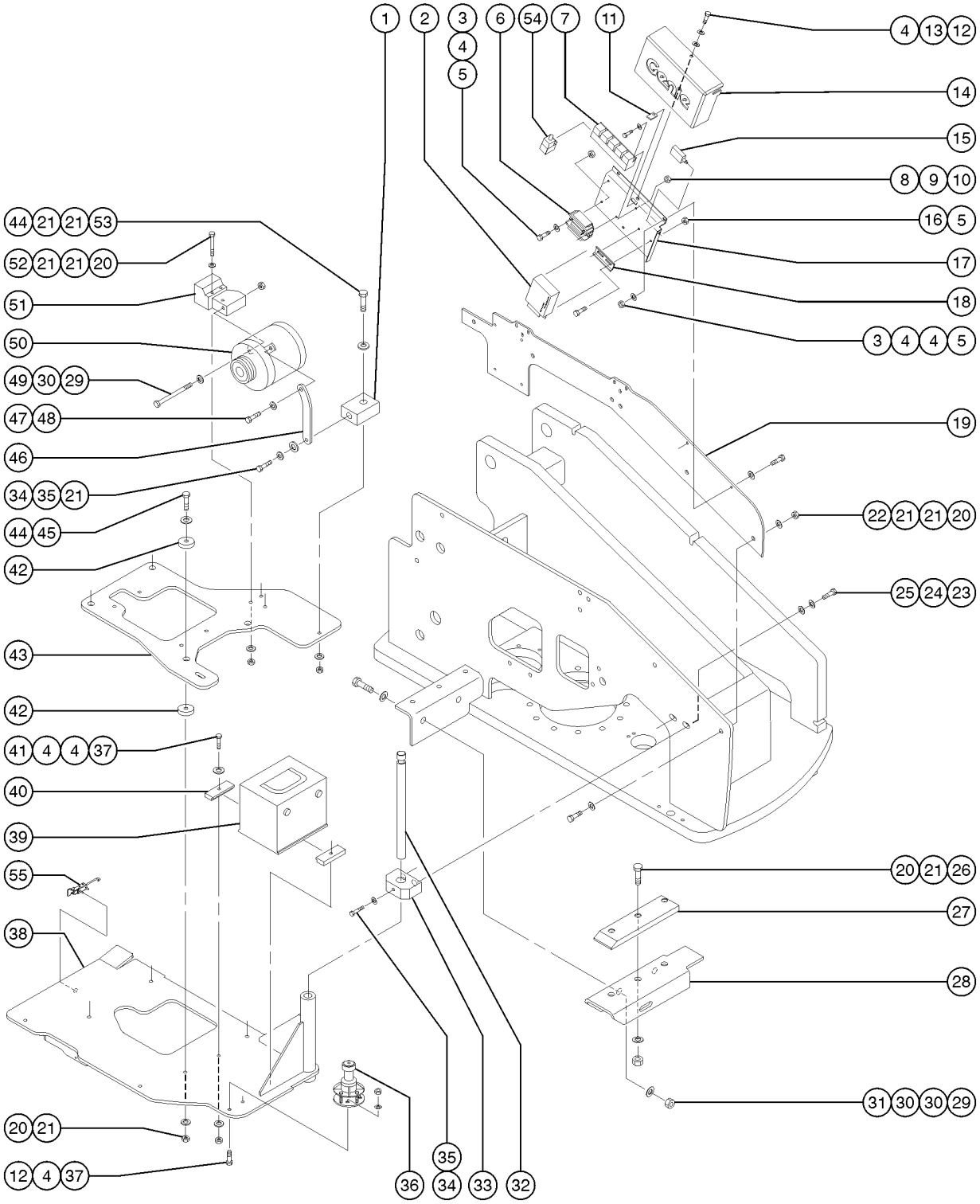
Item	*Part No.*	*Description*	*Qty.*
15B	139041GT	HARN ASSY, POWER PACK AP2 ..... Bi-Energy only; left side	1
15B-	128486GT	CABLE ASSY #2 RED AP2 BATT	
15B-	128487GT	CABLE ASSY #2 BLK BE AP2 BATT	
16	139053GT	CABLE ASSY #2 RED PR2/F2	1
17	139059GT	WIRE ASSY #10 RED F2/F1	1
18	139060GT	WIRE ASSY #10 RED 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 Engine Components



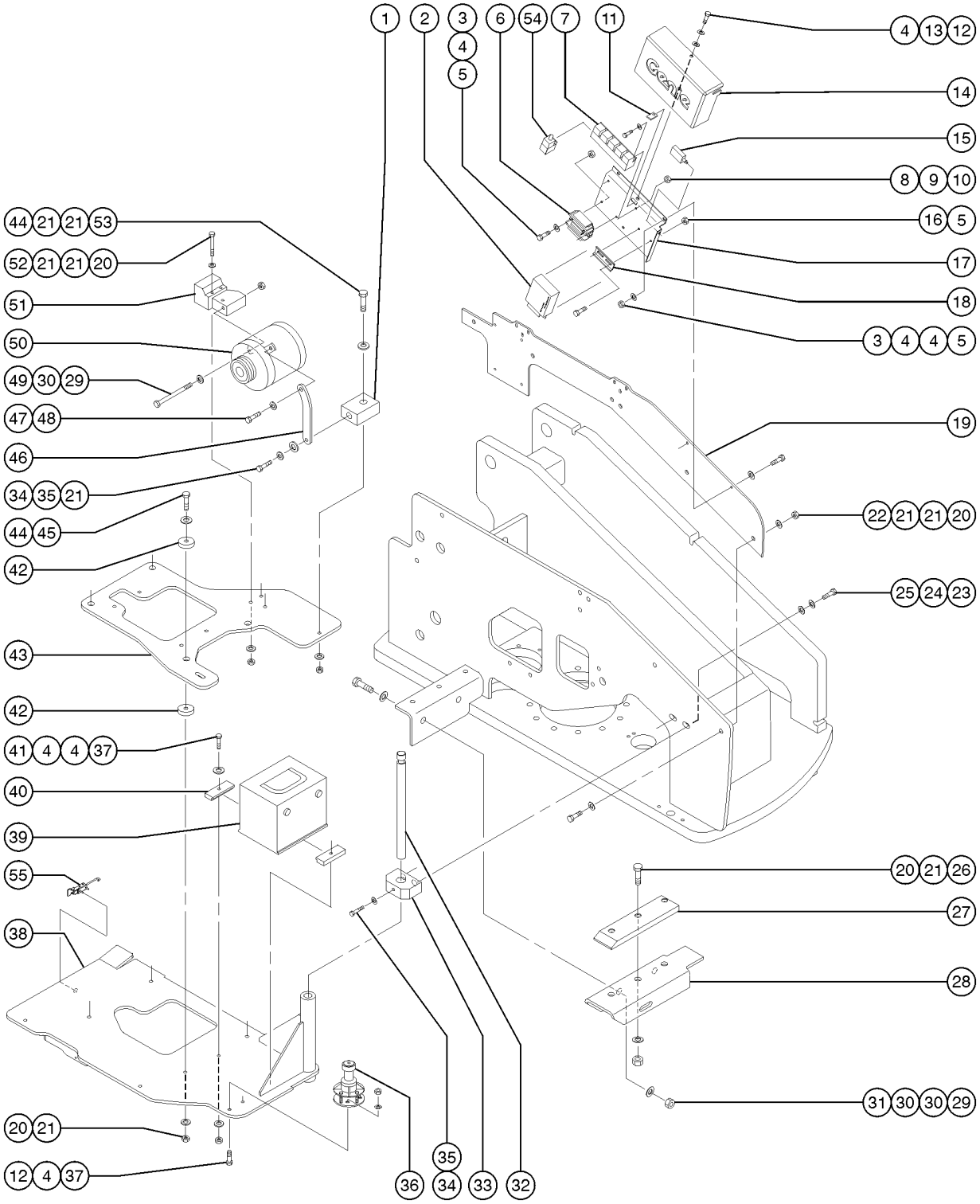
Item	Part No.	Description	Qty.
1	54193GT	PLATE,ALTERNATOR ADJUSTMENT	1
2	56057GT	MODULE,IGNITION/START,12/24V	1
3	6888GT	SCREW, HHC, 1/4-20 X 1	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6091GT	NUT,NYLOCK,1/4-20	
6	62085GT	REGULATOR-VOLTAGE(Z482-E)	1
7A	56302GT	RELAY,24VDC,40/30A,SEALED***	5
7B	823226GT	POWER RELAY, 24V COIL	1
8	49826GT	SCREW,PHILLIPS,PHM,10-32 X.625	
9	6146GT	WASHER,FLAT,MS,#10,Y	
10	6178GT	NUT, NYLOCK, 10-32	
11	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
12	6090GT	SCREW, HHC, 1/4-20 X .75	
13	6356GT	WASHER, LOCK, .25	
14	60146GT	RELAY PANEL COVER	1
15	147094GT	ASSY, CIRCUIT BREAKER 15A includes mounting fasteners	1
16	7339GT	SCREW,HHC,1/4-20 X .5	
17	70658GT	FORMING, RELAY PANEL, Z45 BE	1
18	42315GT	DIN RAIL,6.38"	1
19	60000PGT	BULKHEAD,SWING CHASSIS,LH,PAIN	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	19418GT	SCREW,SHC,5/8-11 X 1.75	2
24	6036GT	WASHER,LOCK,.625 PLTD	
25	13064GT	WASHER,FLAT,.625 HARDENED	2
26	17712GT	SCREW,FHS,3/8-16 X 1.75	
27	50519GT	LOAD PAD,ENGINE TRAY SUPPORT	1

301.1 Engine Components



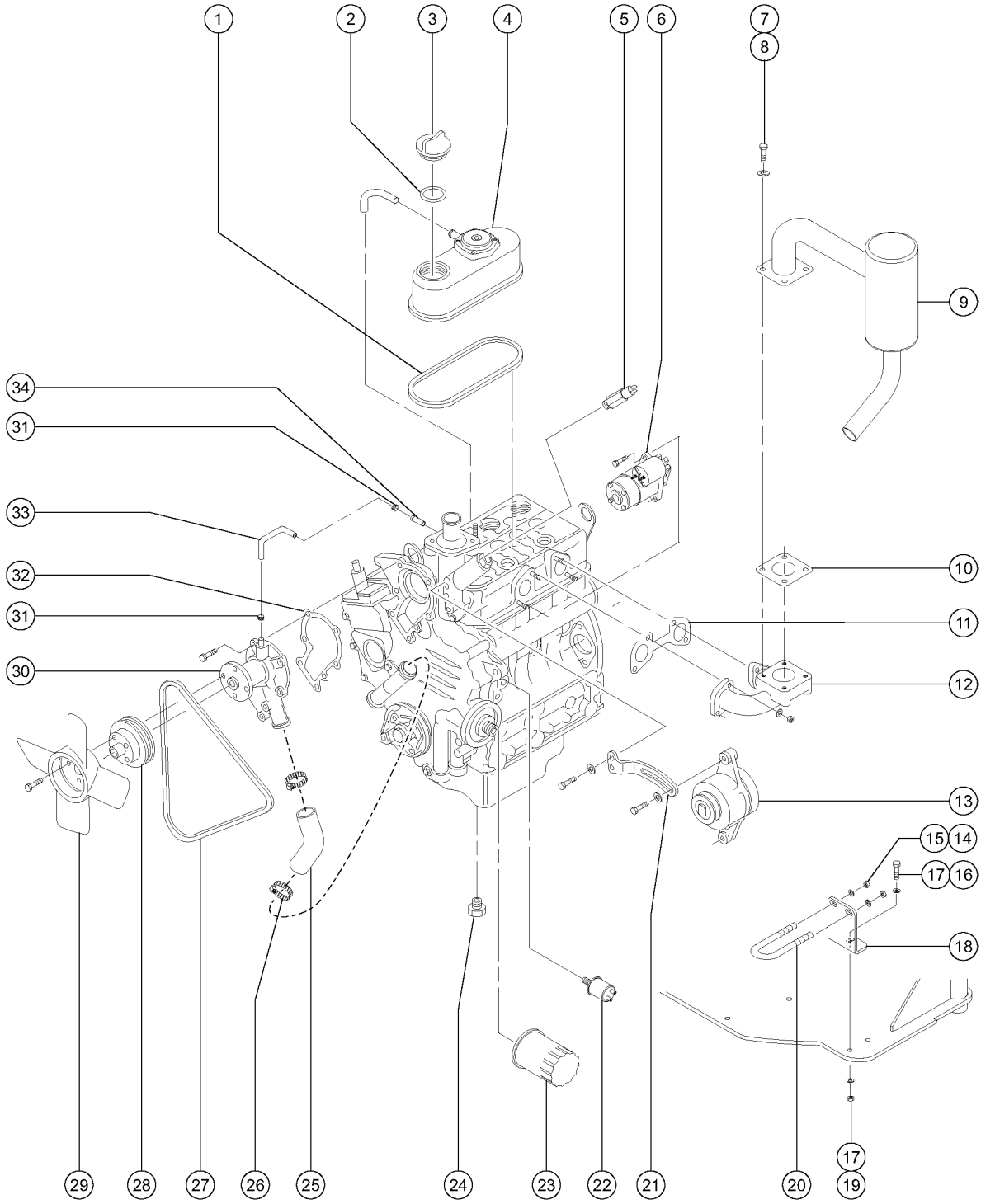
Item	Part No.	Description	Qty.
28	60100-SGT	BRACKET,ENGINE PLATE REST PTD.	1
29	6198GT	NUT, NYLOCK, 1/2-13	
30	6095GT	WASHER,FLAT,USS,1/2",Y	
31	22788GT	SCREW,HHC,1/2-13 X 1.75	
32	107803GT	PIN,1.00DIAX15.56LG,CHAMFER	
32-	1255452GT	ROD END,.375 X 2.25,ZAG not shown	1
33	50427-SGT	EAR,ENGINE TRAY PIVOT,PAINTED	1
34	6175GT	SCREW,HHC,3/8-16 X 1	
35	6021GT	WASHER, LOCK, .375	
36	44586GT	SENSOR,LEVEL 4.5***	1
36-	23083-SGT	FUSE HOLDER,WATERPROOF	
36-	27488GT	FUSE,1 AMP	
37	6889GT	NUT,LP NYLOCK,1/4-20	
38	107826GT	ASSEMBLY,ENGINE TRAY,BI-ENERGY	
38	25817GT	BEARING,1.00IDX1.25ODX1.00L	2
39	1303584GT	BATTERY, 12V, 500CCA, FLA	1
40	60078GT	BATTERY HOLD DOWN	1
41	6145GT	SCREW, HHC, 1/4-20 X 1.5	
42	24038GT	SHOCK MOUNT,SMALL	8
43	60092PGT	PLATE,ENGINE MOUNT PAINTED	1
44	14033GT	SCREW, HHC, 3/8-16 X 2.75	
45	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
46	60096GT	BRACKET,ALTERNATOR ADJ.	1
47	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
48	6033GT	WASHER,LOCK,0.5"	
49	13005GT	SCREW,HHC,1/2-13 X 6,GRD.8	
50	54463-SGT	ALTRNTR,48VDC 100A,SERV VERS**	1
50-	56283GT	PULLEY,3.15 OD	

301.1 Engine Components



Item	*Part No.*	*Description*	*Qty.*
50-	56290GT	NUT,LOCK,5/8-18	
50-	56291GT	WASHER,HARDENED,5/8	
50-	56292GT	KEY,WOODRUFF,5/32X3/4 KEY #506	
50-	54446GT	REGULATOR,48 VOLTAGE,BI ENERGY	
50-	56445GT	DIODE,6 AMP 200 PIV,REEL	
51	56007GT	BRACKET,ALTERNATOR MOUNT	1
52	21604GT	SCREW,HHC,3/8-16 X 3.25	
53	7713GT	NUT, LP NYLOCK, 3/8-16	
54A	56302GT	RELAY,24VDC,40/30A,SEALED*** to SN Z452513A-49731	1
54B	823226GT	POWER RELAY, 24V COIL from SN Z452513A-49732	1
55	27126GT	LATCH,DRAW,ADJUSTABLE	1

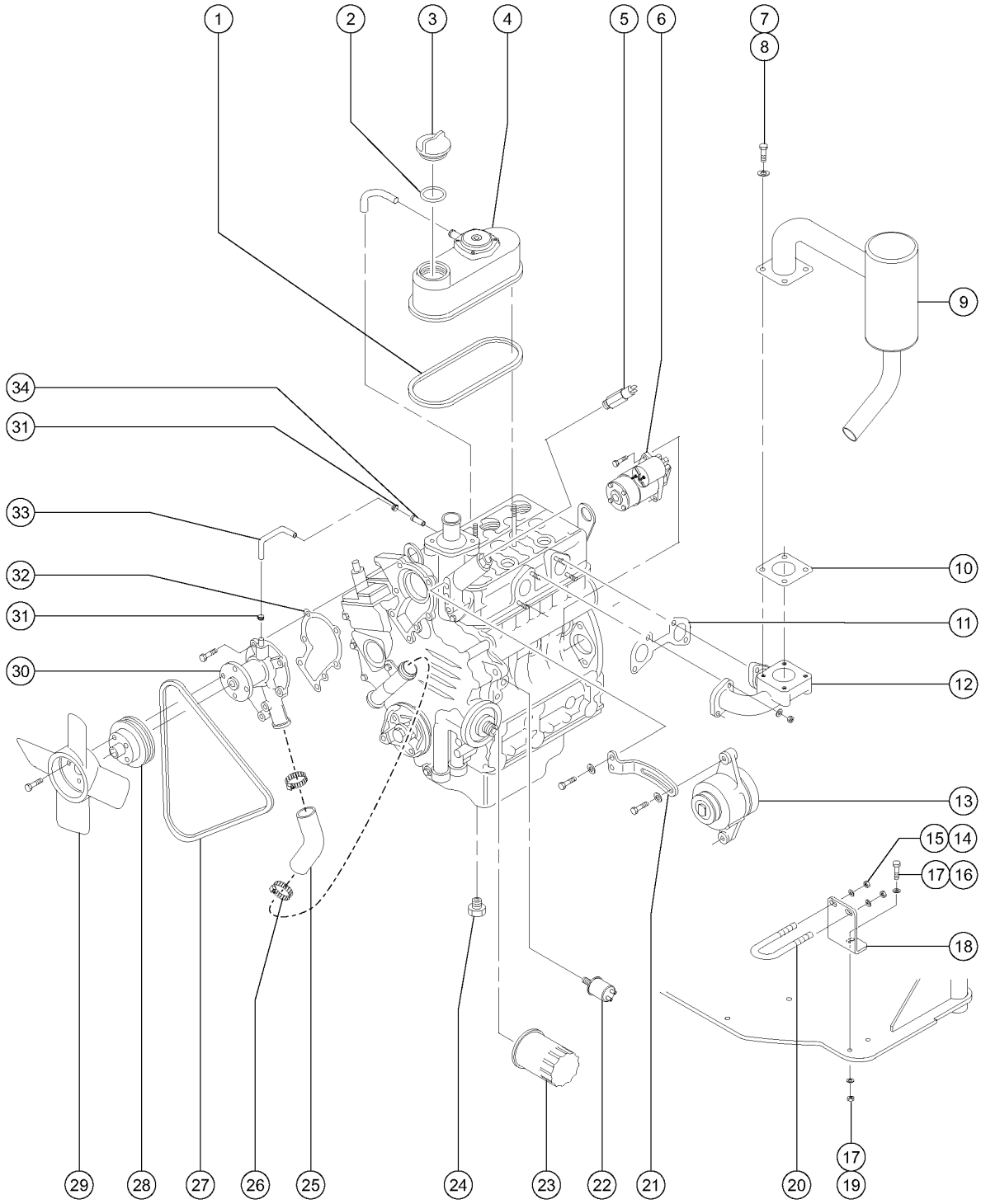
302.1 Kubota Z482 E2B-GNI-1 Engine, View 1 (to serial number Z452510A-39345)



302.1 Kubota Z482 E2B-GNI-1 Engine, View 1 (to serial number Z452510A-39345)

Item	Part No.	Description	Qty.
1	52806GT	GASKET-VALVE COVER Z482-E	1
2	22903GT	O-RING,OIL FILLER PLUG,KUBOTA*	1
3	52808GT	PLUG,OIL FILLER Z482,Z34/22BE* use until exhausted, (replaced by 839151)	1
3B	839151GT	KUBOTA OIL FILLER PLUG,V1305	1
4	52807GT	COVER-VALVE Z482, Z34/22BE	1
5	54332GT	SWITCH,WATER TEMP	1
6	52810GT	STARTER MOTOR Z482, Z34/22BE	1
6-	23457GT	SOLENOID,STARTER,WG750B	
7	23057GT	SCREW,HHC,M8 X 20MM	
8	49408GT	WASHER, LOCK, M8	
9	54603GT	MUFFLER, KUBOTA, Z45 BE	1
9B	77304GT	MUFFLER,CAT/SPARK,DEUTZ	1
10	832128GT	GASKET,MUFFLER,KUBOTA D905/11	1
11	52812GT	GASKET-EXHAUST MANIFOLD Z482	1
12	52813GT	EXHAUST MANIFOLD, Z482-E	1
13	110286GT	ALTERNATOR,KUBOTA,Z482	1
14	6782GT	NUT, NYLOCK, 5/16-18	
15	5397GT	WASHER, FLAT, USS, 5/16-18	
16	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
17	6097GT	WASHER, FLAT, USS, 3/8", Y	
18	54605GT	BRACKET,EXHAUST,Z45 BI	1
19	7713GT	NUT, LP NYLOCK, 3/8-16	
20	6550GT	U-BOLT,3/8 X 1 YZ	
21	84044GT	STAY,ALTERNATOR***	1
22	22934GT	SWITCH,OIL,PRESSURE,KUBOTA use until exhausted,(replaced by 839190)	1
22B	839190GT	KUBOTA LOW OIL PRES SWITCH	1
23	866400GT	KUBOTA OIL FILTER	1
24	52532GT	PLUG,ENGINE OIL DRAIN,D-905***	1

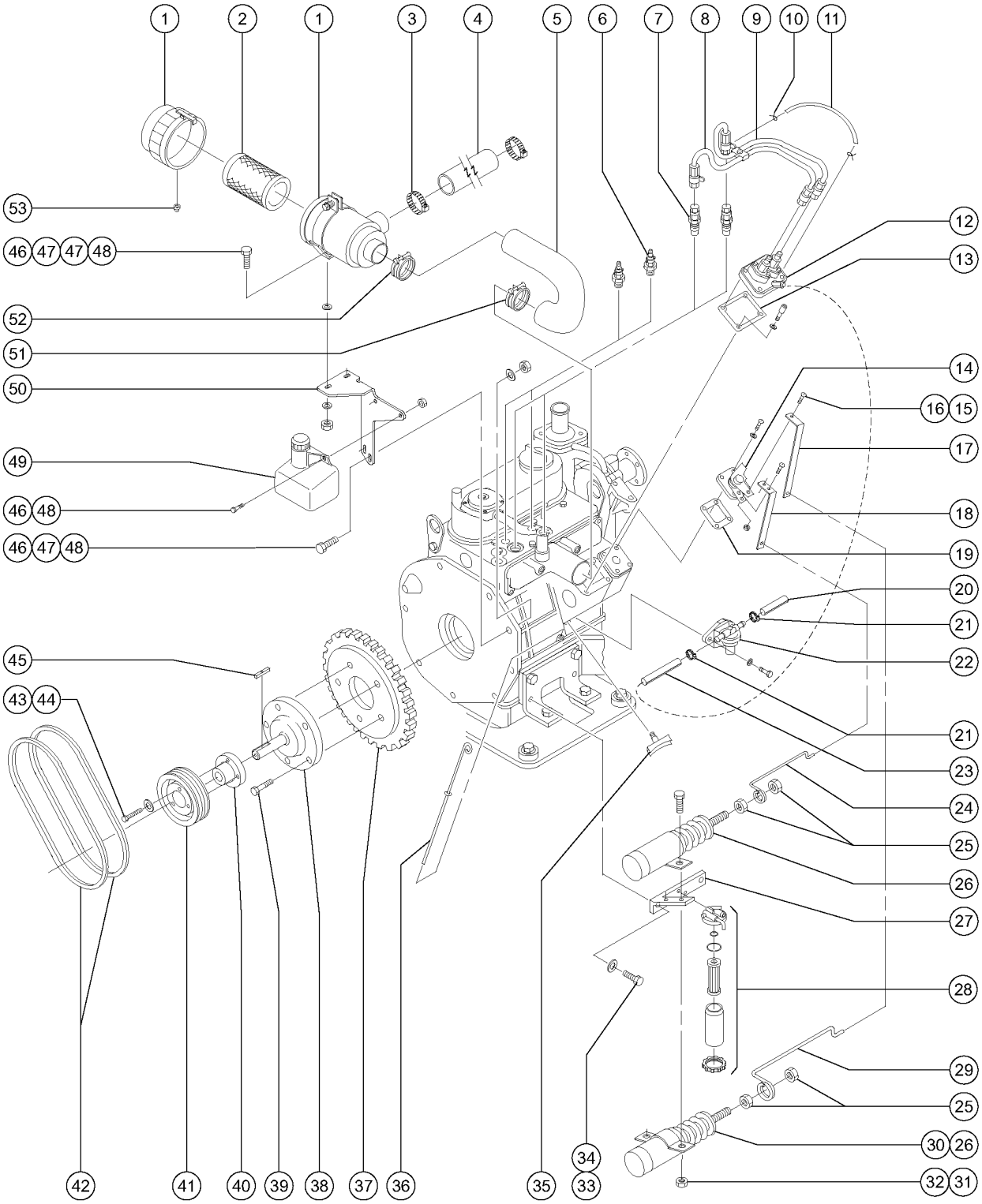
302.1 Kubota Z482 E2B-GNI-1 Engine, View 1 (to serial number Z452510A-39345)



302.1 Kubota Z482 E2B-GNI-1 Engine, View 1 (to serial number Z452510A-39345)

Item	*Part No.*	*Description*	*Qty.*
24-	52517GT	GASKET-OIL DRAIN, DF750	
25	32067GT	HOSE,WATER PUMP,KUBOTA**	1
26	32066GT	CLAMP,HOSE,KUBOTA WG750	
27	52816GT	BELT,FAN,KUBOTA DF972/Z482-E	1
28	23469GT	PULLEY,FAN,WG750B***	1
29	52818GT	FAN, KUBOTA Z482-E	1
29-	54323GT	GUARD,FAN,2 CYL.KUBOTA	
30	52819GT	PUMP-WATER, KUBOTA Z482-E	1
31	32069GT	CLAMP,HOSE,KUBOTA WG750	
32	23472GT	GASKET,WATER PUMPWG750B/Z482-E	1
33	62129GT	HOSE,WATER PUMP RETURN (Z482)	1
34	62130GT	PIPE,WATER RETURN (Z482-E)	1

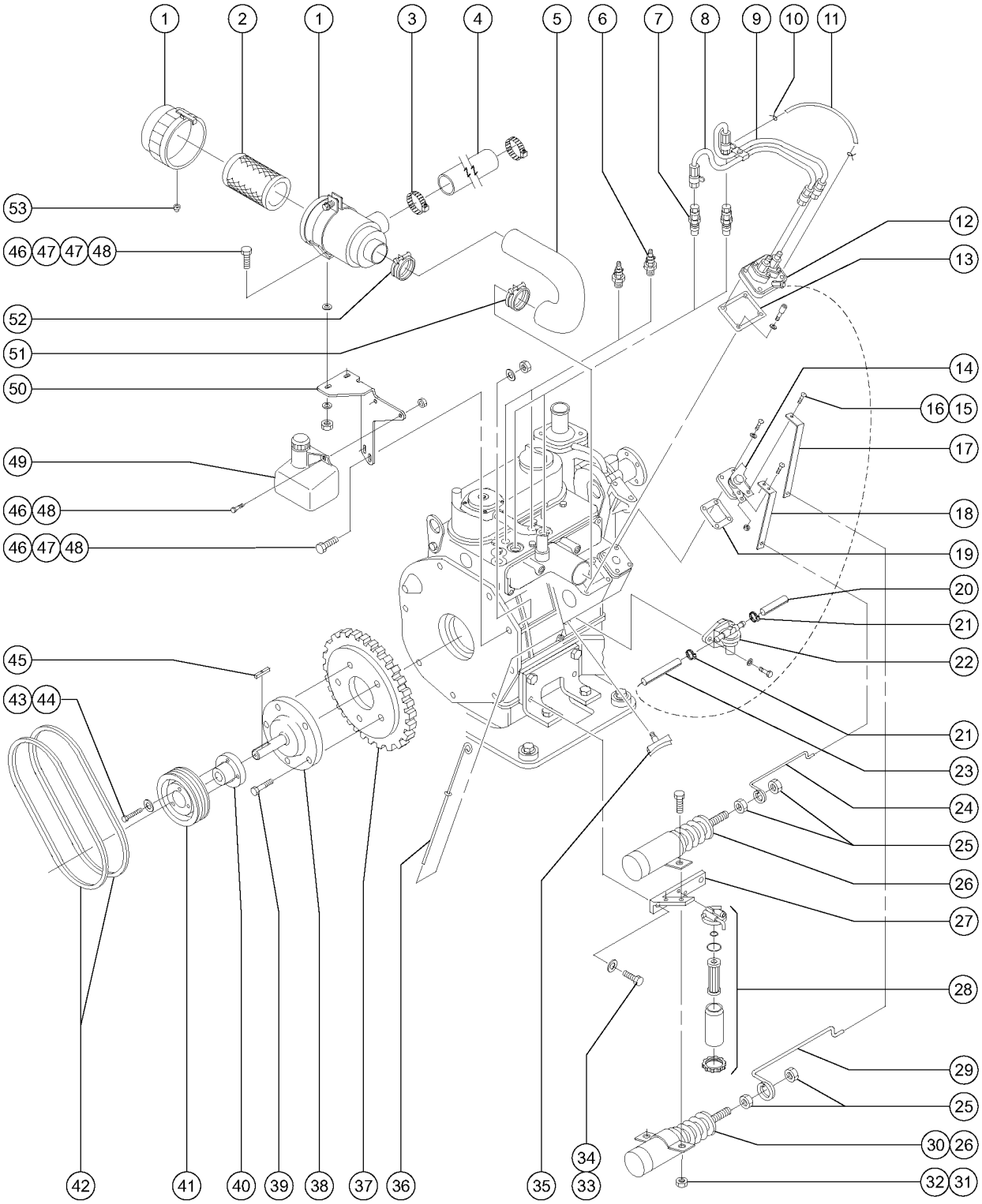
303.1 Kubota Z482 E2B-GNI-1 Engine, View 2 (to serial number Z452510A-39345)



303.1 Kubota Z482 E2B-GNI-1 Engine, View 2 (to serial number Z452510A-39345)

Item	*Part No.*	*Description*	*Qty.*
1	119684GT	AIR CLEANER ASSEMBLY includes items 2 and 53	1
1-	119685GT	BRACKET, AIR CLEANER MT.	
2	52867GT	FILTER,AIR***	1
3	22672GT	CLAMP,HOSE,1.75	
4	60108GT	HOSE,AIR CLEANER INTAKE	1
5	60107GT	HOSE,AIR CLEANER TO ENGINE	1
6	839119GT	KUBOTA GLOW PLUG	1
7	52822GT	INJECTOR,KUBOTA Z482-E no longer available	1
8	52824GT	PIPE, INJECTOR 2 KUBOTA Z482-E	1
9	52823GT	PIPE, INJECTOR 1 KUBOTA Z482-E	1
10	62043GT	CLAMP-OVERFLOW PIPE(Z482-E)	1
11	839157GT	KUBOTA OVERFLOW PIPE includes item 10	1
12	52825GT	PUMP-INJECTION, KUBOTA Z482-E	1
13	52826GT	GASKET-INJECTION PUMP, Z482-E	1
14	52949GT	SPEED CONTROL ASSEMBLY**	1
15	5094GT	SCREW,RHM,10-32 X .5	
16	6178GT	NUT, NYLOCK, 10-32	
17	56101GT	BRACKET,STOP LEVER	1
18	56102GT	BRACKET,IDLE LEVER	1
19	52832GT	GASKET-SPEED CONTROL ASSEMBLY	1
20	27089GT	HOSE,5/16 FUEL,SAE 30R7	
21	52834GT	CLAMP-HOSE, .375, FUEL PUMP	
22	52835GT	PUMP ASSY-FUEL, KUBOTA Z482-E	1
23	27089GT	HOSE,5/16 FUEL,SAE 30R7	
24	56110GT	ROD,ENGINE IDLE & STOP length approximately 4.5 inch / 11 cm	1
25	21496GT	NUT,HEX,1/4-28	
26	20780GT	SOLENOID,2 SPEED TROMBETTA***	1
26-	52514GT	BOOT,SOLENOID, 20780	

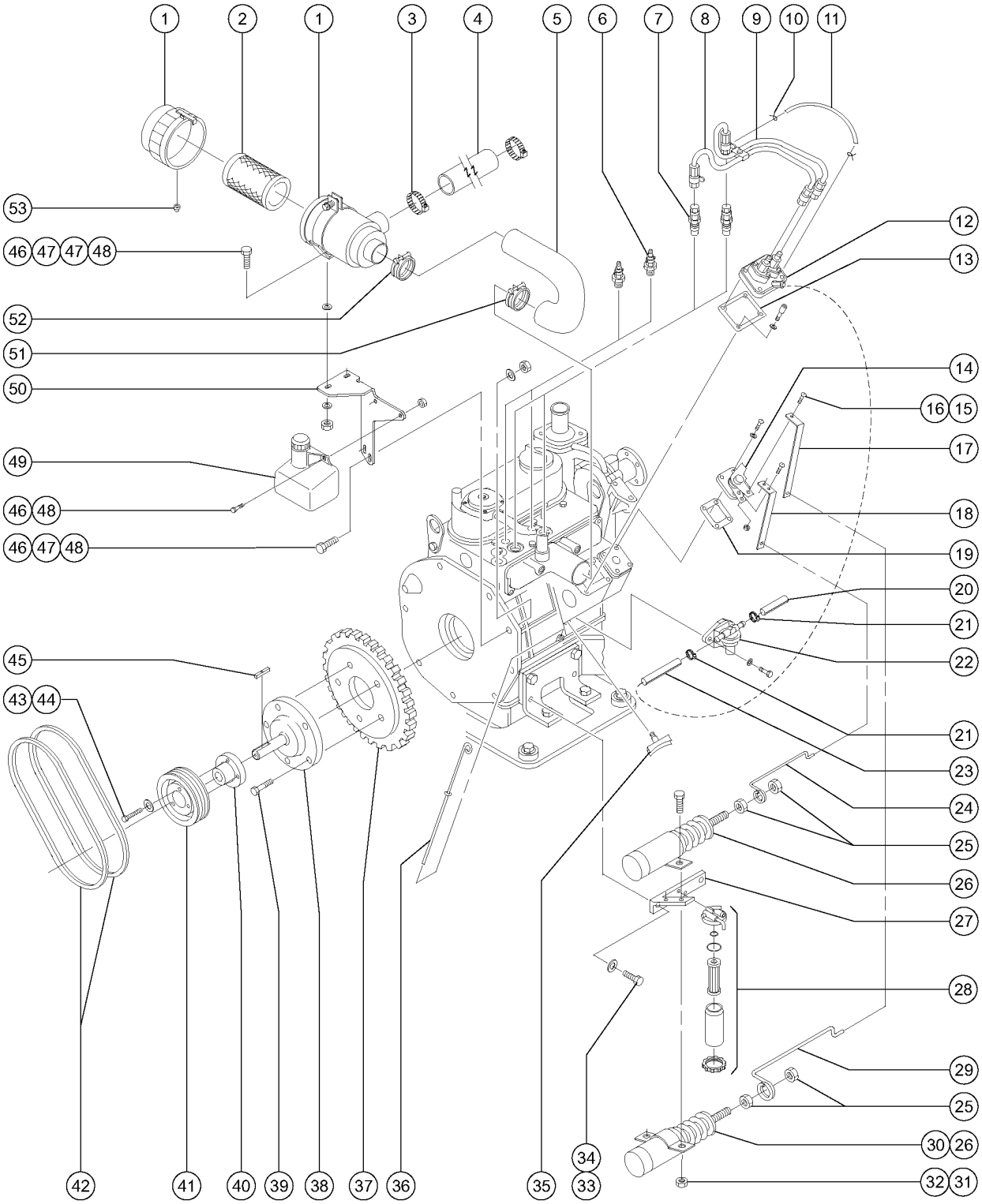
303.1 Kubota Z482 E2B-GNI-1 Engine, View 2 (to serial number Z452510A-39345)



303.1 Kubota Z482 E2B-GNI-1 Engine, View 2 (to serial number Z452510A-39345)

Item	Part No.	Description	Qty.
27	60105-SGT	BRACKET,SOLENOID MOUNT PAINTED	1
28	147205GT	ASSEMBLY, FUEL FILTER, Z482	1
28-	52875GT	O-RING,FUEL FILTER,UPPER Z482E	
28-	52876GT	O-RING,FILTER,LOWER Z482-E	
28-	52877GT	FILTER,FUEL FILTER Z482-E	
28-	52886GT	HOUSING,FUEL FILTER ELEMENT	
28-	52880GT	RING-RETAINING,FUEL FILTER	
29	22956GT	ROD,CHOKE (KUBOTA)**** length approximately 6 inch / 15 cm	1
30	22446GT	SPRING, COMPRESSION .835 X 2	1
31	6091GT	NUT,NYLOCK,1/4-20	
32	6090GT	SCREW, HHC, 1/4-20 X .75	
33	6175GT	SCREW,HHC,3/8-16 X 1	
34	6886GT	WASHER,LOCK,.313	
35	32077GT	PETCOCK,DRAIN,KUBOTA WG750B	1
36	52836GT	DIPSTICK, KUBOTA Z482-E	1
37	52837GT	RING GEAR,KUBOTA Z482-E	1
38	52838GT	ADAPTER FLANGE-PULLEY,Z482-E	1
39	23057GT	SCREW,HHC,M8 X 20MM	
40	56068GT	BUSHING,SH 1-1/8	1
41	56067GT	BALANCER,HARMONIC,2-3V-500-SH	1
42	60112GT	ALTERNATOR BELT	2
43	8915GT	SCREW, HHC, 1/4-20 X 1.25	
44	6356GT	WASHER, LOCK, .25	
45	56086GT	KEY,1/4 X 1.25	
46	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
47	5397GT	WASHER, FLAT, USS, 5/16-18	
48	6002GT	NUT, LP NYLOCK, 5/16-18	
49	42662GT	COOLANT RECOVERY BOTTLE1.5 QT*	1

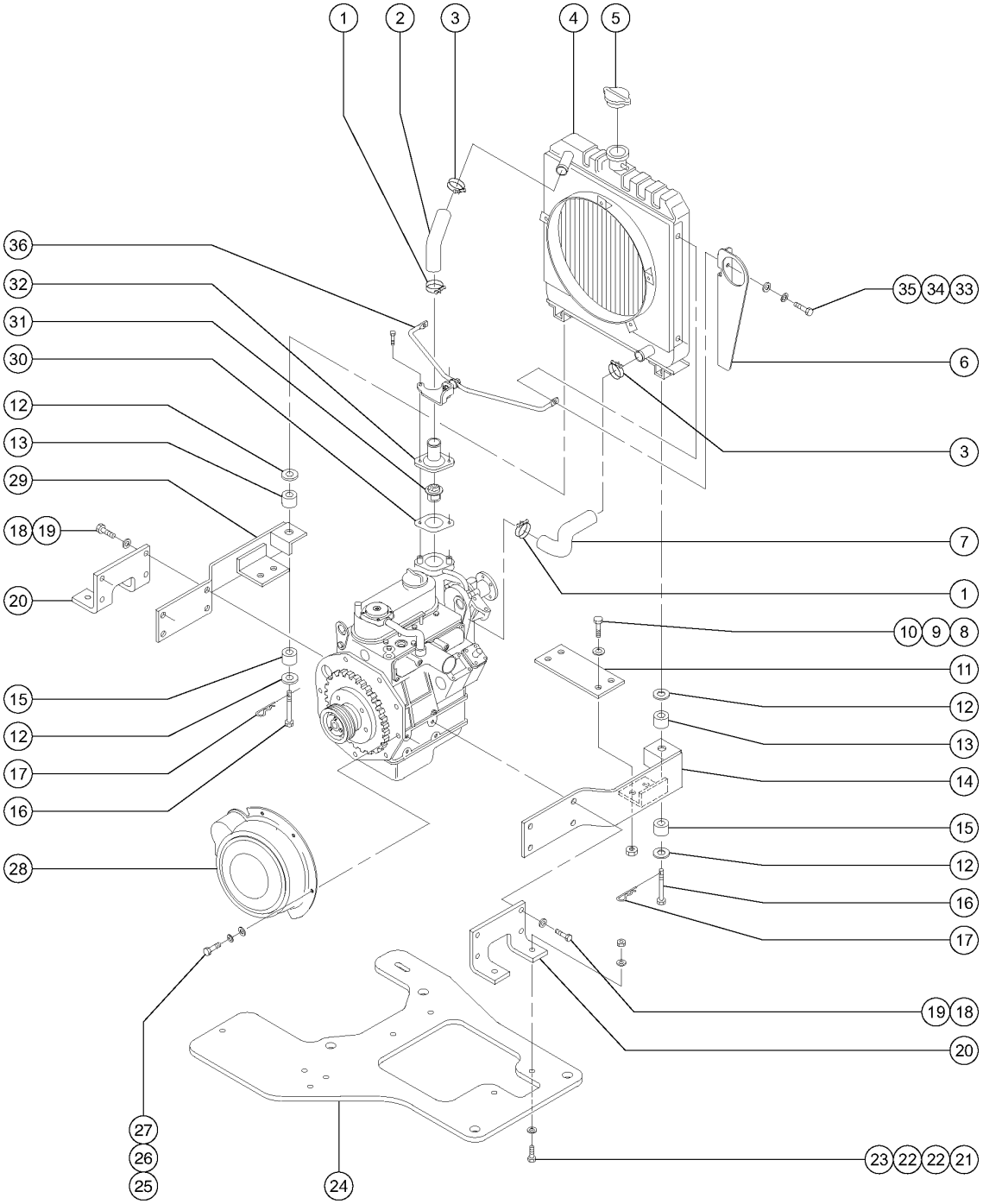
303.1 Kubota Z482 E2B-GNI-1 Engine, View 2 (to serial number Z452510A-39345)



303.1 Kubota Z482 E2B-GNI-1 Engine, View 2 (to serial number Z452510A-39345)

Item	*Part No.*	*Description*	*Qty.*
49-	227833GT	HOSE,PVC,CLEAR,36.00" not included with coolant bottle	
50	54243-SGT	BRKT,AIRCLEAN,COOLRES.MNT,PNTD	1
51	62133GT	HOSE CLAMP-AIR CLEANER/LOWER	1
52	839049GT	KUBOTA 15263-12370BAND PIPE	1
53	52866GT	EVACUATOR VALVE-AIR CLEANER	1

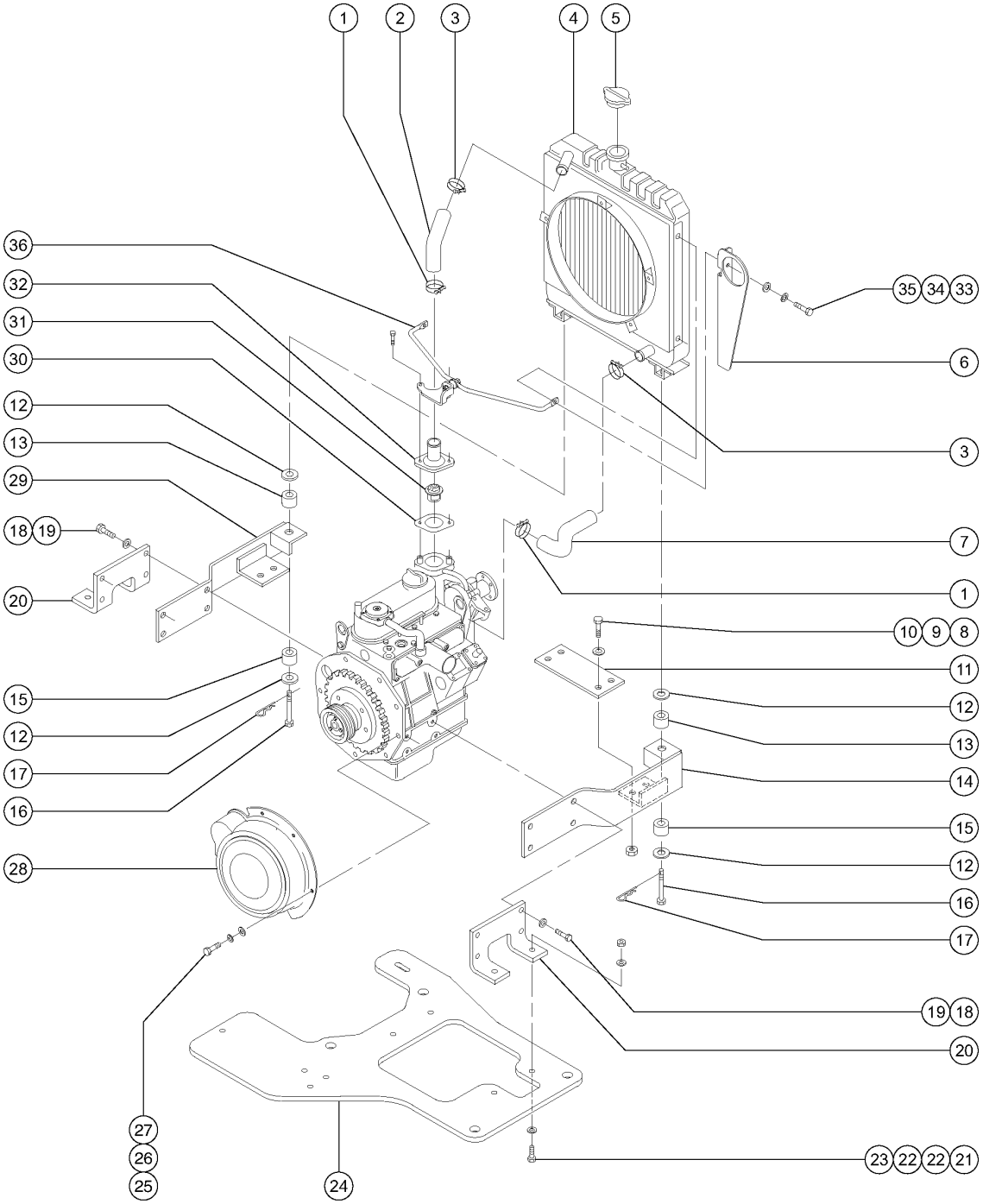
304.1 Kubota Z482 E2B-GNI-1 Engine, View 3 (to serial number Z452510A-39345)



304.1 Kubota Z482 E2B-GNI-1 Engine, View 3 (to serial number Z452510A-39345)

Item	Part No.	Description	Qty.
1	32066GT	CLAMP,HOSE,KUBOTA WG750	1
2	52841GT	HOSE-RADIATOR,UPPER Z482-E	1
3	32087GT	CLAMP,HOSE,KUBOTA WG750	1
4	119242GT	RADIATOR ASSY,KUBOTA Z482E AL	1
5	110523GT	CAP,RADIATOR,AL,KUBOTA DF-752	1
6	110749GT	BRACKET,AIR INTAKE	1
7	32090GT	HOSE,LWR RADIATOR,KUBOTA WG750	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6356GT	WASHER, LOCK, .25	
10	6091GT	NUT,NYLOCK,1/4-20	
11	28963GT	RADIATOR STAY, KUBOTA 1702	1
12	52539GT	WASHER,RADIATOR CUSHION,KUBOTA use until exhausted,(replaced by 865263)	
12B	865263GT	KUBOTA 15111-72200 WASHER	
13	865260GT	KUBOTA 15263-12370CUSHION	2
14	52847GT	BRACKET-RADIATOR SUPRT,OUTBRD	1
15	28156GT	CUSHION,RADIATOR,KUBOTA 1702**	2
16	52540GT	SCREW,RADIATOR MOUNT, KUBOTA use until exhausted,(replaced by 865086)	
16B	865086GT	KUBOTA RAD ISOLATOR BOLT	
17	52541GT	CLIP,RADIATOR MOUNT, KUBOTA use until exhausted,(replaced by 865085)	
17B	865085GT	KUBOTA SNAP PIN	
18	22676GT	SCREW,HHC,M10 X 1.25 X 30MM**	
19	22700GT	WASHER,LOCK,M10	
20	60088-SGT	BRACKET,ENGINE MNT,KUBOTA 13HP	1
21	8516GT	SCREW, HCC, 3/8-16 X 1.50	
22	6097GT	WASHER, FLAT, USS, 3/8", Y	
23	4828GT	NUT, NYLOCK, 3/8-16	
24	60092-SGT	PLATE,ENGINE MOUNT PAINTED	1
25	23057GT	SCREW,HHC,M8 X 20MM	

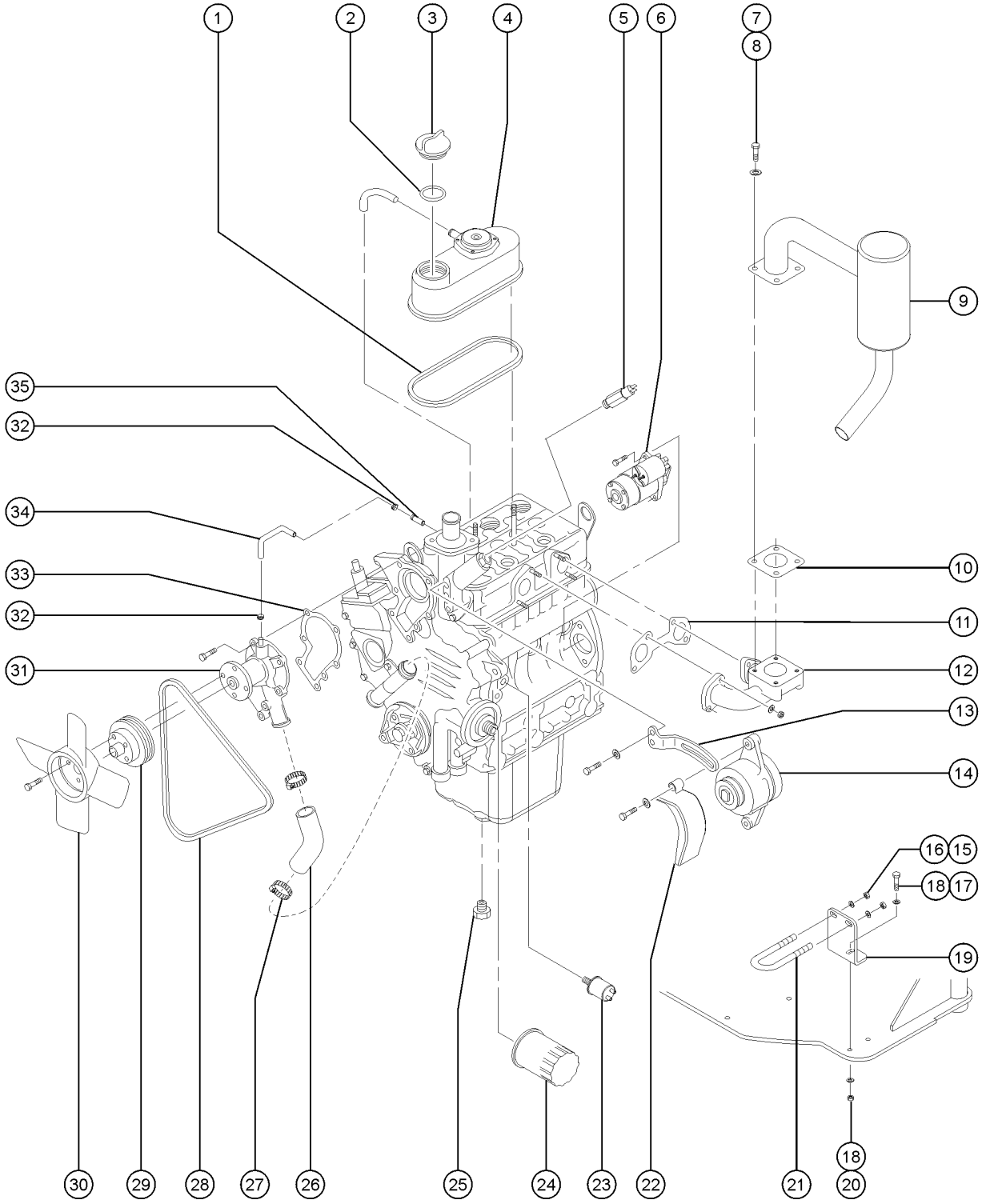
304.1 Kubota Z482 E2B-GNI-1 Engine, View 3 (to serial number Z452510A-39345)



304.1 Kubota Z482 E2B-GNI-1 Engine, View 3 (to serial number Z452510A-39345)

Item	*Part No.*	*Description*	*Qty.*
26	49408GT	WASHER, LOCK, M8	
27	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
28	54316GT	COVER,FLYWHEEL,2 CYL.KUBOTA	1
29	52851GT	BRACKET-RADIATOR SUPRT,INBOARD	1
30	866397GT	KUBOTA GASKET,THERMOSTAT	1
31	23473GT	THERMOSTAT ASSY, WG750B	1
32	27367GT	THERMOSTAT COVER,KUBOTA GAS	1
33	49375GT	SCREW,HHC,M6 X 16	
34	49407GT	WASHER,LOCK,M6	
35	25926GT	WASHER,FLAT,M6 PLTD.	
36	119507GT	KIT,Z482 RAD SUPPORT	1

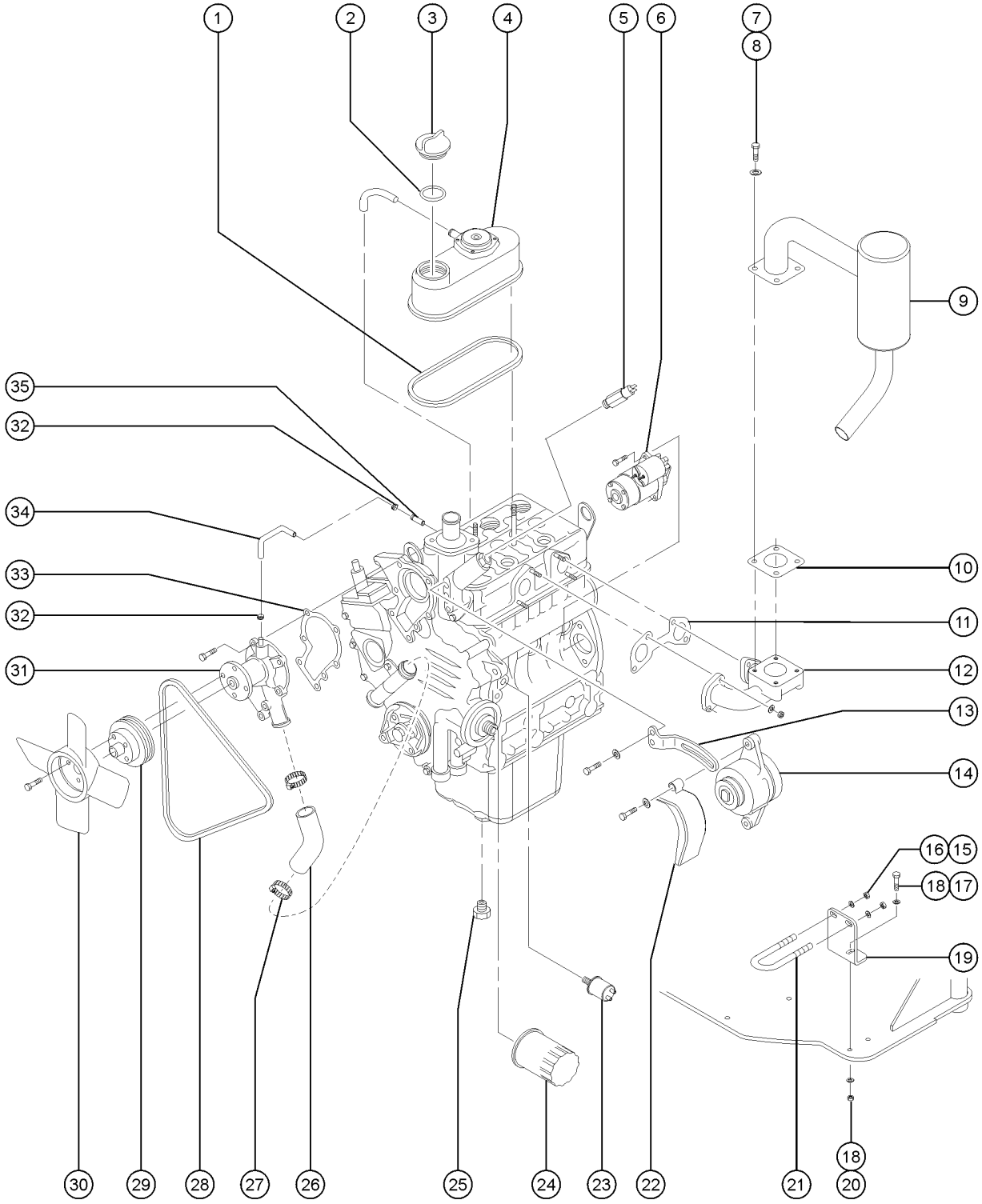
305.1 Kubota Z482 E3B-1 Engine, View 1 (from serial number Z452510A-39346 to Z452513A-48922)



305.1 Kubota Z482 E3B-1 Engine, View 1 (from serial number Z452510A-39346 to Z452513A-48922)

Item	Part No.	Description	Qty.
	139292GT	ENGINE KIT, KUBOTA Z482 T4	
1	52806GT	GASKET-VALVE COVER Z482-E	1
2	22903GT	O-RING,OIL FILLER PLUG,KUBOTA*	1
3	52808GT	PLUG,OIL FILLER Z482,Z34/22BE* use until exhausted, (replaced by 839151)	1
3B	839151GT	KUBOTA OIL FILLER PLUG,V1305	1
4	139427GT	CYLINDER HEAD COVER, Z482	1
5	54332GT	SWITCH,WATER TEMP	1
6	52810GT	STARTER MOTOR Z482, Z34/22BE	1
6-	23457GT	SOLENOID,STARTER,WG750B	
7	23057GT	SCREW,HHC,M8 X 20MM	
8	49408GT	WASHER, LOCK, M8	
9	54603GT	MUFFLER, KUBOTA, Z45 BE	1
9B	77304GT	MUFFLER,CAT/SPARK,DEUTZ	1
10	832128GT	GASKET,MUFFLER,KUBOTA D905/11	1
11	52812GT	GASKET-EXHAUST MANIFOLD Z482	1
12	52813GT	EXHAUST MANIFOLD, Z482-E	1
13	84044GT	STAY,ALTERNATOR***	1
14	110286GT	ALTERNATOR,KUBOTA,Z482	1
15	6782GT	NUT, NYLOCK, 5/16-18	
16	5397GT	WASHER, FLAT, USS, 5/16-18	
17	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
18	6097GT	WASHER, FLAT, USS, 3/8", Y	
19	54605GT	BRACKET,EXHAUST,Z45 BI	1
20	7713GT	NUT, LP NYLOCK, 3/8-16	
21	6550GT	U-BOLT,3/8 X 1 YZ	
22	139423GT	ALTERNATOR GUARD,Z482	
23	22934GT	SWITCH,OIL,PRESSURE,KUBOTA use until exhausted,(replaced by 839190)	1
23B	839190GT	KUBOTA LOW OIL PRES SWITCH	1

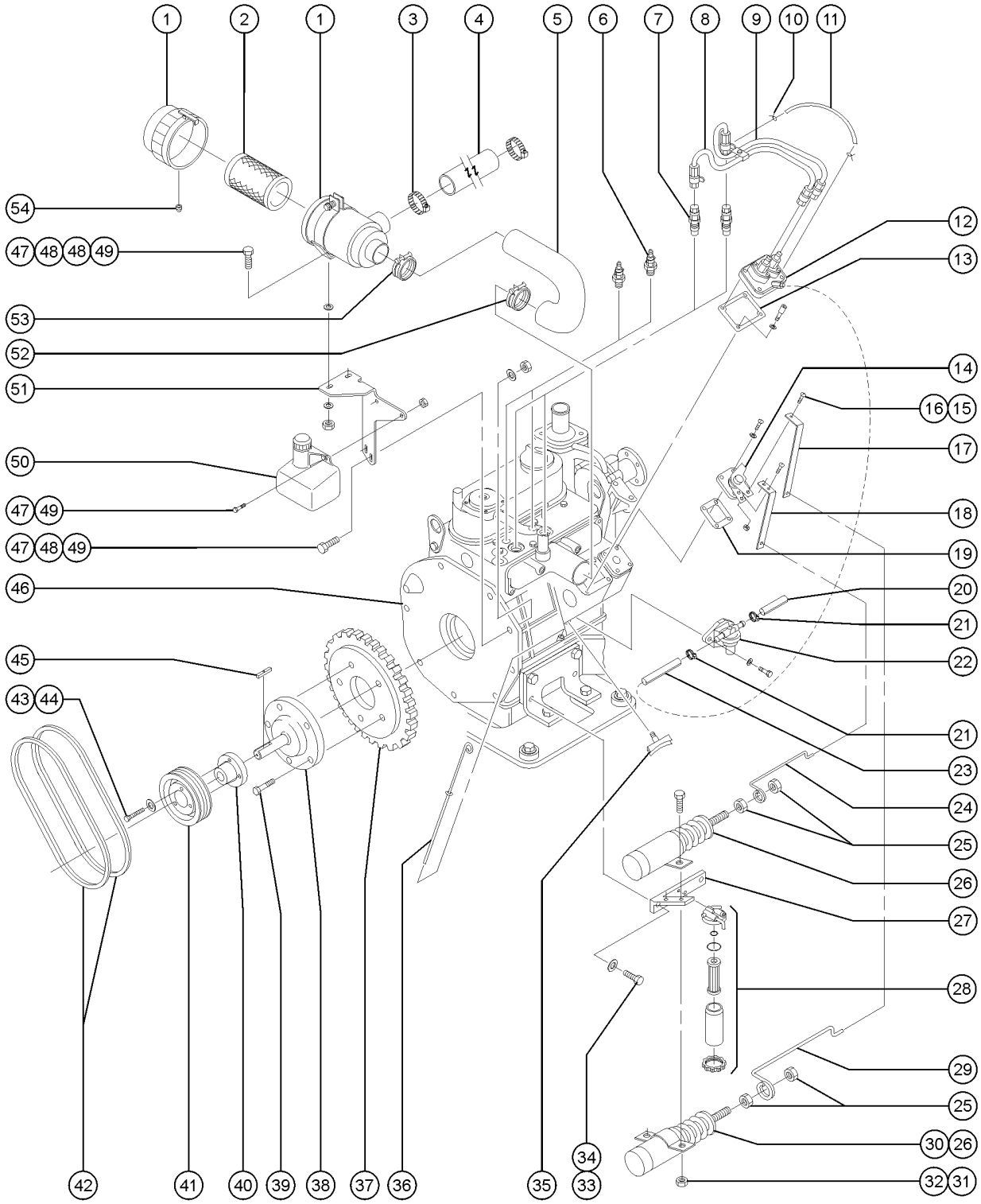
305.1 Kubota Z482 E3B-1 Engine, View 1 (from serial number Z452510A-39346 to Z452513A-48922)



305.1 Kubota Z482 E3B-1 Engine, View 1 (from serial number Z452510A-39346 to Z452513A-48922)

Item	Part No.	Description	Qty.
24	866400GT	KUBOTA OIL FILTER	1
25	52532GT	PLUG,ENGINE OIL DRAIN,D-905***	1
25-	52533GT	GASKET (52532) OIL DRAIN, D905	
26	32067GT	HOSE,WATER PUMP,KUBOTA**	1
27	32066GT	CLAMP,HOSE,KUBOTA WG750	
28	52816GT	BELT,FAN,KUBOTA DF972/Z482-E	1
29	23469GT	PULLEY,FAN,WG750B***	1
30	52818GT	FAN, KUBOTA Z482-E	1
30-	54323GT	GUARD,FAN,2 CYL.KUBOTA	
31	139421GT	WATER PUMP, Z482 T4	
32	32069GT	CLAMP,HOSE,KUBOTA WG750	
33	23472GT	GASKET,WATER PUMPWG750B/Z482-E	1
34	62129GT	HOSE,WATER PUMP RETURN (Z482)	1
35	62130GT	PIPE,WATER RETURN (Z482-E)	1

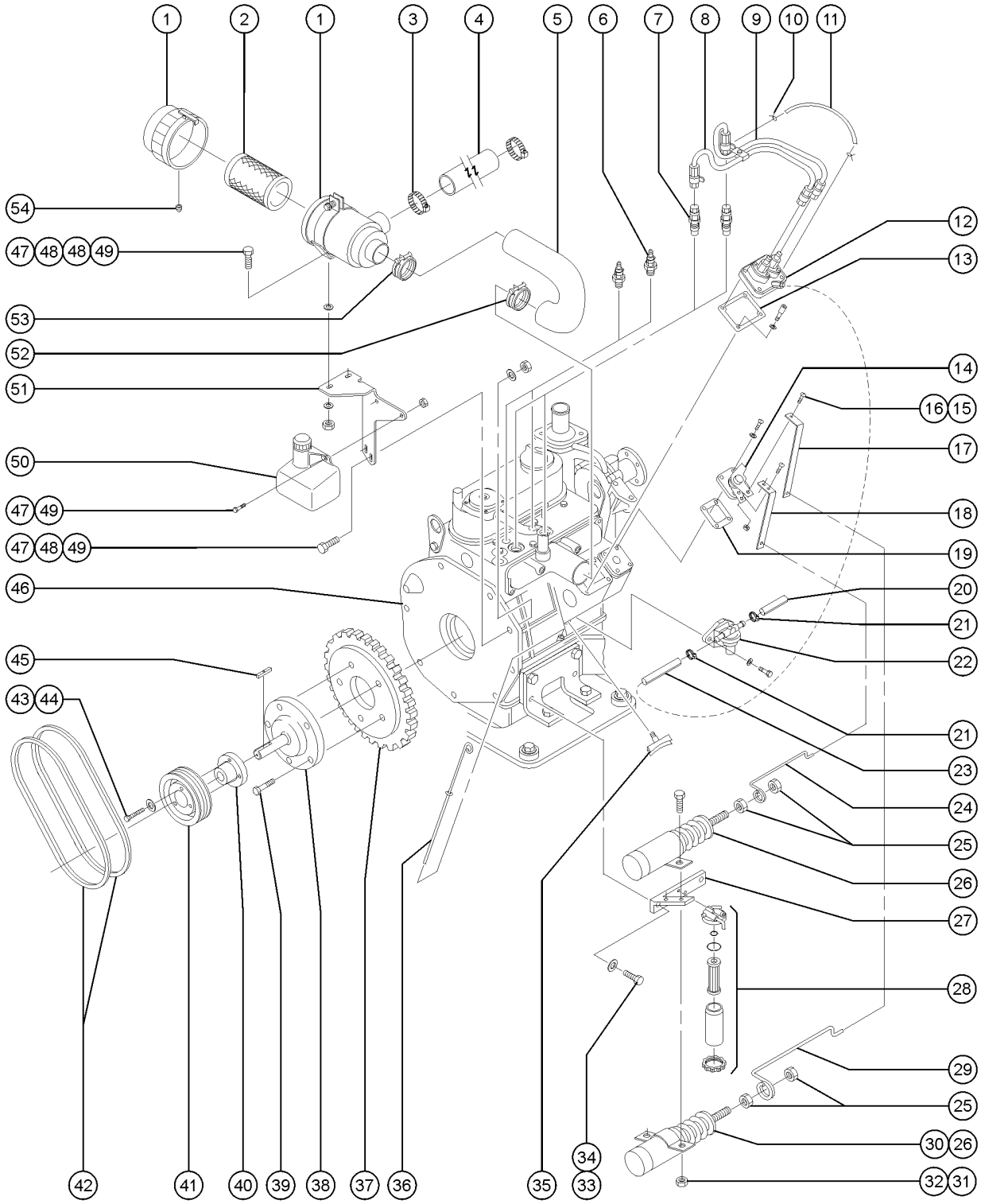
306.1 Kubota Z482 E3B-1 Engine, View 2 (from serial number Z452510A-39346 to Z452513A-48922)



306.1 Kubota Z482 E3B-1 Engine, View 2 (from serial number Z452510A-39346 to Z452513A-48922)

Item	*Part No.*	*Description*	*Qty.*
1	119684GT	AIR CLEANER ASSEMBLY	1
1-	119685GT	BRACKET, AIR CLEANER MT.	
2	52867GT	FILTER,AIR***	1
3	22672GT	CLAMP,HOSE,1.75	
4	60108GT	HOSE,AIR CLEANER INTAKE	1
5	60107GT	HOSE,AIR CLEANER TO ENGINE	1
6	839119GT	KUBOTA GLOW PLUG	1
7	139436GT	INJECTOR, Z482 T4	
7-	139656GT	SERVICE KIT, INJECTOR, Z482	
8	52824GT	PIPE, INJECTOR 2 KUBOTA Z482-E	1
9	52823GT	PIPE, INJECTOR 1 KUBOTA Z482-E	1
10	62043GT	CLAMP-OVERFLOW PIPE(Z482-E)	1
11	839157GT	KUBOTA OVERFLOW PIPE	1
12	52825GT	PUMP-INJECTION, KUBOTA Z482-E	1
13	52826GT	GASKET-INJECTION PUMP, Z482-E	1
14	52949GT	SPEED CONTROL ASSEMBLY**	1
15	5094GT	SCREW,RHM,10-32 X .5	
16	6178GT	NUT, NYLOCK, 10-32	
17	56101GT	BRACKET,STOP LEVER	1
18	56102GT	BRACKET,IDLE LEVER	1
19	52832GT	GASKET-SPEED CONTROL ASSEMBLY	1
20	27089GT	HOSE,5/16 FUEL,SAE 30R7	
21	52834GT	CLAMP-HOSE, .375, FUEL PUMP	
22	52835GT	PUMP ASSY-FUEL, KUBOTA Z482-E	1
23	27089GT	HOSE,5/16 FUEL,SAE 30R7	
24	56110GT	ROD,ENGINE IDLE & STOP length approximately 4.5 inch / 11 cm	1
25	21496GT	NUT,HEX,1/4-28	
26	20780GT	SOLENOID,2 SPEED TROMBETTA***	2

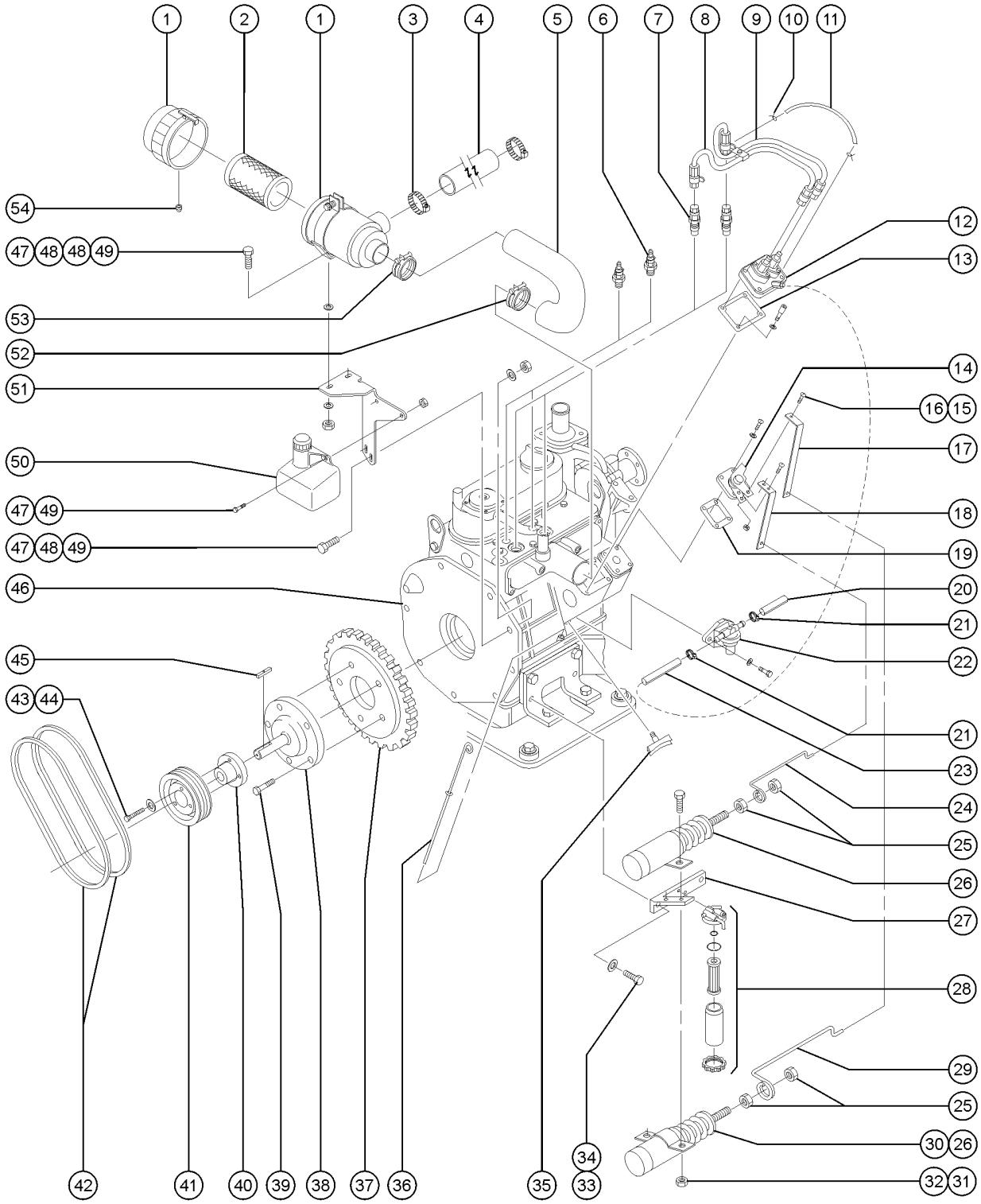
306.1 Kubota Z482 E3B-1 Engine, View 2 (from serial number Z452510A-39346 to Z452513A-48922)



306.1 Kubota Z482 E3B-1 Engine, View 2 (from serial number Z452510A-39346 to Z452513A-48922)

Item	Part No.	Description	Qty.
26-	52514GT	BOOT,SOLENOID, 20780	
27	60105-SGT	BRACKET,SOLENOID MOUNT PAINTED	1
28	147205GT	ASSEMBLY, FUEL FILTER, Z482	1
28-	52875GT	O-RING,FUEL FILTER,UPPER Z482E	
28-	52876GT	O-RING,FILTER,LOWER Z482-E	
28-	52877GT	FILTER,FUEL FILTER Z482-E	
28-	52886GT	HOUSING,FUEL FILTER ELEMENT	
28-	52880GT	RING-RETAINING,FUEL FILTER	
29	22956GT	ROD,CHOKE (KUBOTA)**** length approximately 6 inch / 15 cm	1
30	22446GT	SPRING, COMPRESSION .835 X 2	1
31	6091GT	NUT,NYLOCK,1/4-20	
32	6090GT	SCREW, HHC, 1/4-20 X .75	
33	6175GT	SCREW,HHC,3/8-16 X 1	
34	6886GT	WASHER,LOCK,.313	
35	32077GT	PETCOCK,DRAIN,KUBOTA WG750B	1
36	52836GT	DIPSTICK, KUBOTA Z482-E	1
37	139422GT	RING GEAR, Z482 T4	
38	52838GT	ADAPTER FLANGE-PULLEY,Z482-E	1
39	23057GT	SCREW,HHC,M8 X 20MM	
40	56068GT	BUSHING,SH 1-1/8	1
41	56067GT	BALANCER,HARMONIC,2-3V-500-SH	1
42	60112GT	ALTERNATOR BELT	2
43	8915GT	SCREW, HHC, 1/4-20 X 1.25	
44	6356GT	WASHER, LOCK, .25	
45	56086GT	KEY,1/4 X 1.25	
46	139434GT	REAR END PLATE, Z482	
47	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
48	5397GT	WASHER, FLAT, USS, 5/16-18	

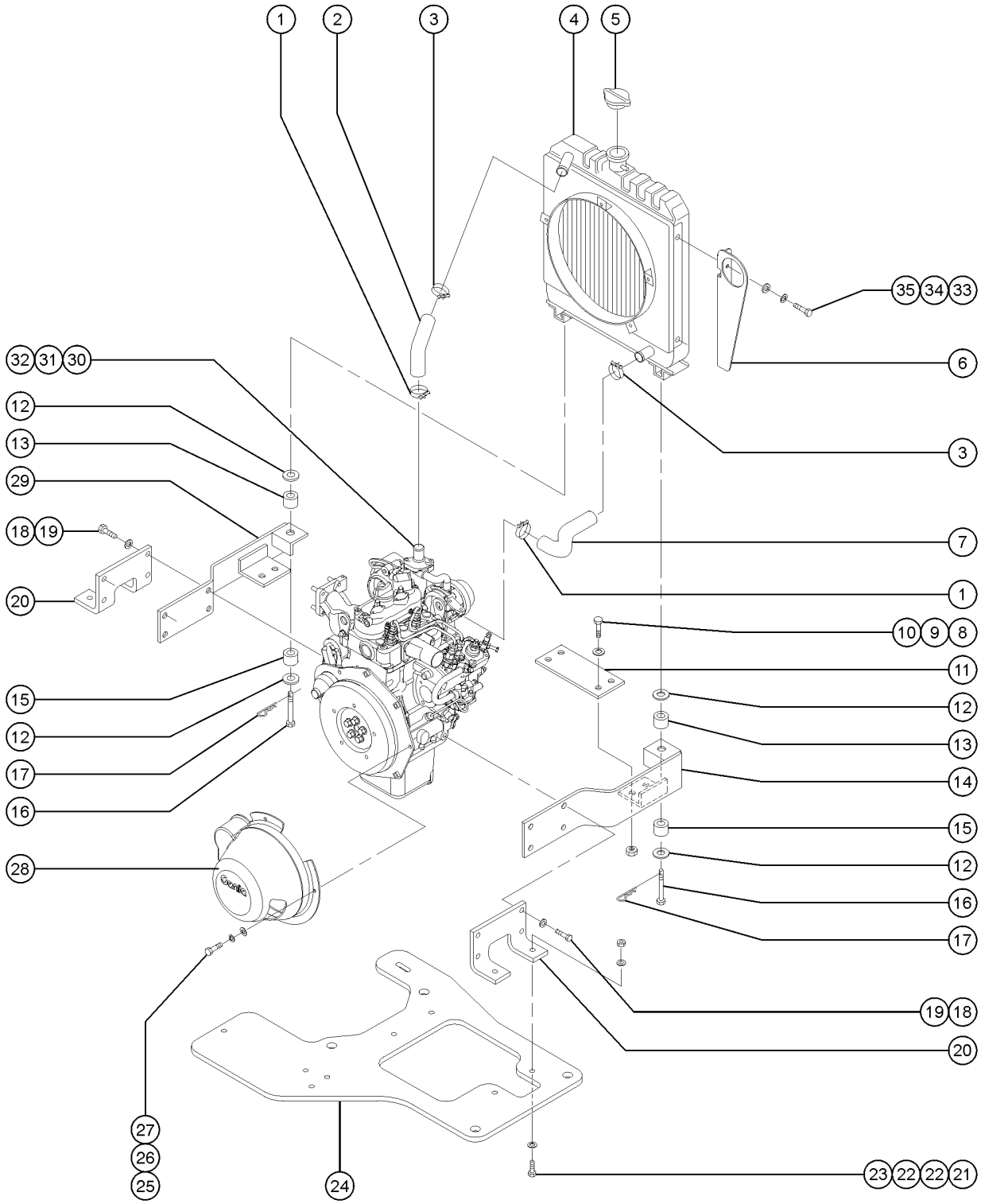
306.1 Kubota Z482 E3B-1 Engine, View 2 (from serial number Z452510A-39346 to Z452513A-48922)



306.1 Kubota Z482 E3B-1 Engine, View 2 (from serial number Z452510A-39346 to Z452513A-48922)

Item	*Part No.*	*Description*	*Qty.*
49	6002GT	NUT, LP NYLOCK, 5/16-18	
50	42662GT	COOLANT RECOVERY BOTTLE1.5 QT*	1
50-	227833GT	HOSE,PVC,CLEAR,36.00" not included with coolant bottle	
51	54243-SGT	BRKT,AIRCLEAN,COOLRES.MNT,PNTD	1
52	62133GT	HOSE CLAMP-AIR CLEANER/LOWER	1
53	839049GT	KUBOTA 15263-12370BAND PIPE	1
54	52866GT	EVACUATOR VALVE-AIR CLEANER	1

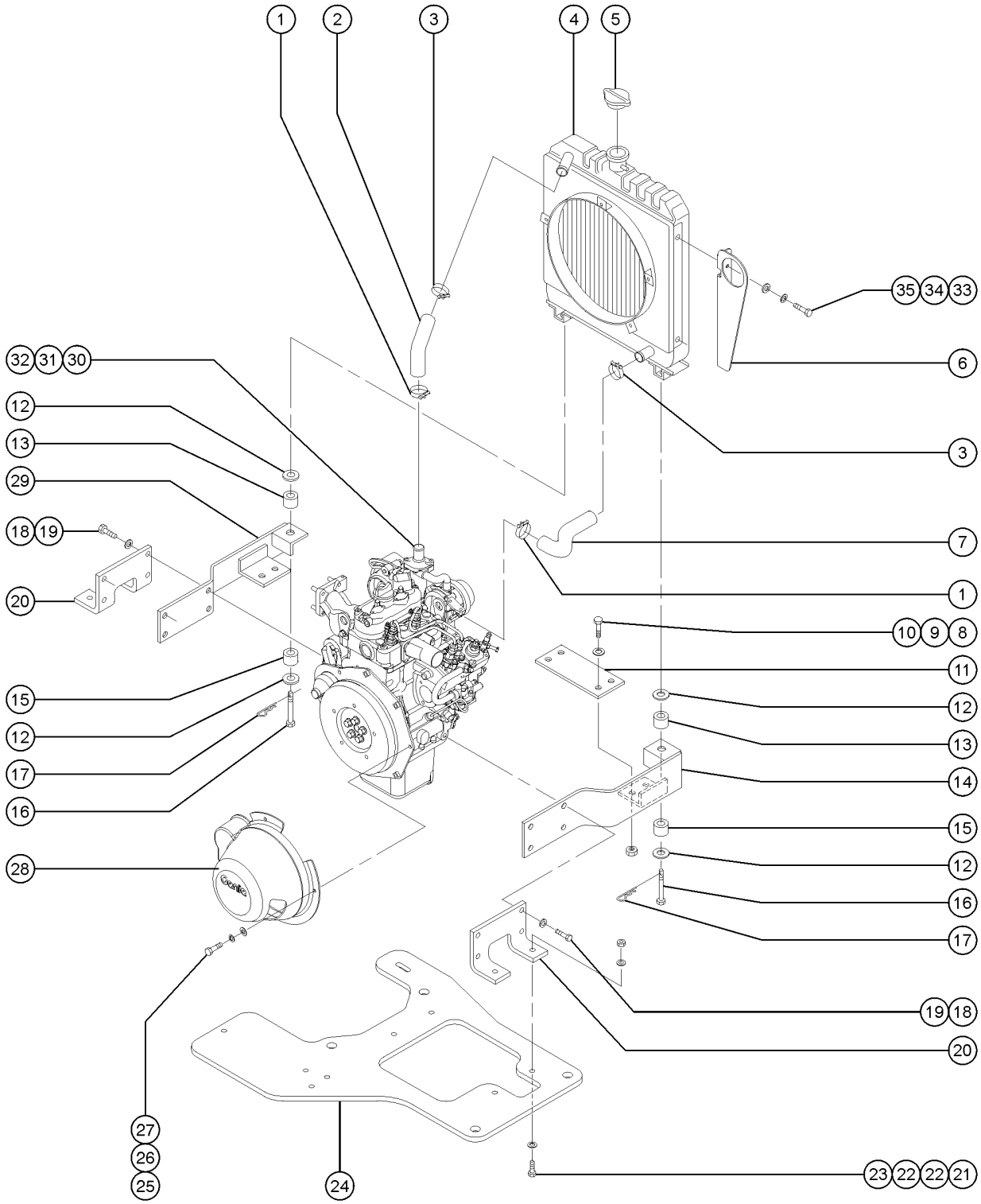
307.1 Kubota Z482 E3B-1 Engine, View 3 (from serial number Z452510A-39346 to Z452513A-48922)



307.1 Kubota Z482 E3B-1 Engine, View 3 (from serial number Z452510A-39346 to Z452513A-48922)

Item	Part No.	Description	Qty.
1	32066GT	CLAMP,HOSE,KUBOTA WG750	1
2	52841GT	HOSE-RADIATOR,UPPER Z482-E	1
3	32087GT	CLAMP,HOSE,KUBOTA WG750	1
4	119242GT	RADIATOR ASSY,KUBOTA Z482E AL	1
5	110523GT	CAP,RADIATOR,AL,KUBOTA DF-752	1
6	110749GT	BRACKET,AIR INTAKE	1
7	32090GT	HOSE,LWR RADIATOR,KUBOTA WG750	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6356GT	WASHER, LOCK, .25	
10	6091GT	NUT,NYLOCK,1/4-20	
11	28963GT	RADIATOR STAY, KUBOTA 1702	1
12	52539GT	WASHER,RADIATOR CUSHION,KUBOTA use until exhausted,(replaced by 865263)	
12B	865263GT	KUBOTA 15111-72200 WASHER	
13	865260GT	KUBOTA 15263-12370CUSHION	2
14	52847GT	BRACKET-RADIATOR SUPRT,OUTBRD	1
15	28156GT	CUSHION,RADIATOR,KUBOTA 1702**	2
16	52540GT	SCREW,RADIATOR MOUNT, KUBOTA use until exhausted,(replaced by 865086)	
16B	865086GT	KUBOTA RAD ISOLATOR BOLT	
17	52541GT	CLIP,RADIATOR MOUNT, KUBOTA use until exhausted,(replaced by 865085)	
17B	865085GT	KUBOTA SNAP PIN	
18	22676GT	SCREW,HHC,M10 X 1.25 X 30MM**	
19	22700GT	WASHER,LOCK,M10	
20	60088-SGT	BRACKET,ENGINE MNT,KUBOTA 13HP	1
21	8516GT	SCREW, HCC, 3/8-16 X 1.50	
22	6097GT	WASHER, FLAT, USS, 3/8", Y	
23	4828GT	NUT, NYLOCK, 3/8-16	
24	60092-SGT	PLATE,ENGINE MOUNT PAINTED	1
25	23057GT	SCREW,HHC,M8 X 20MM	

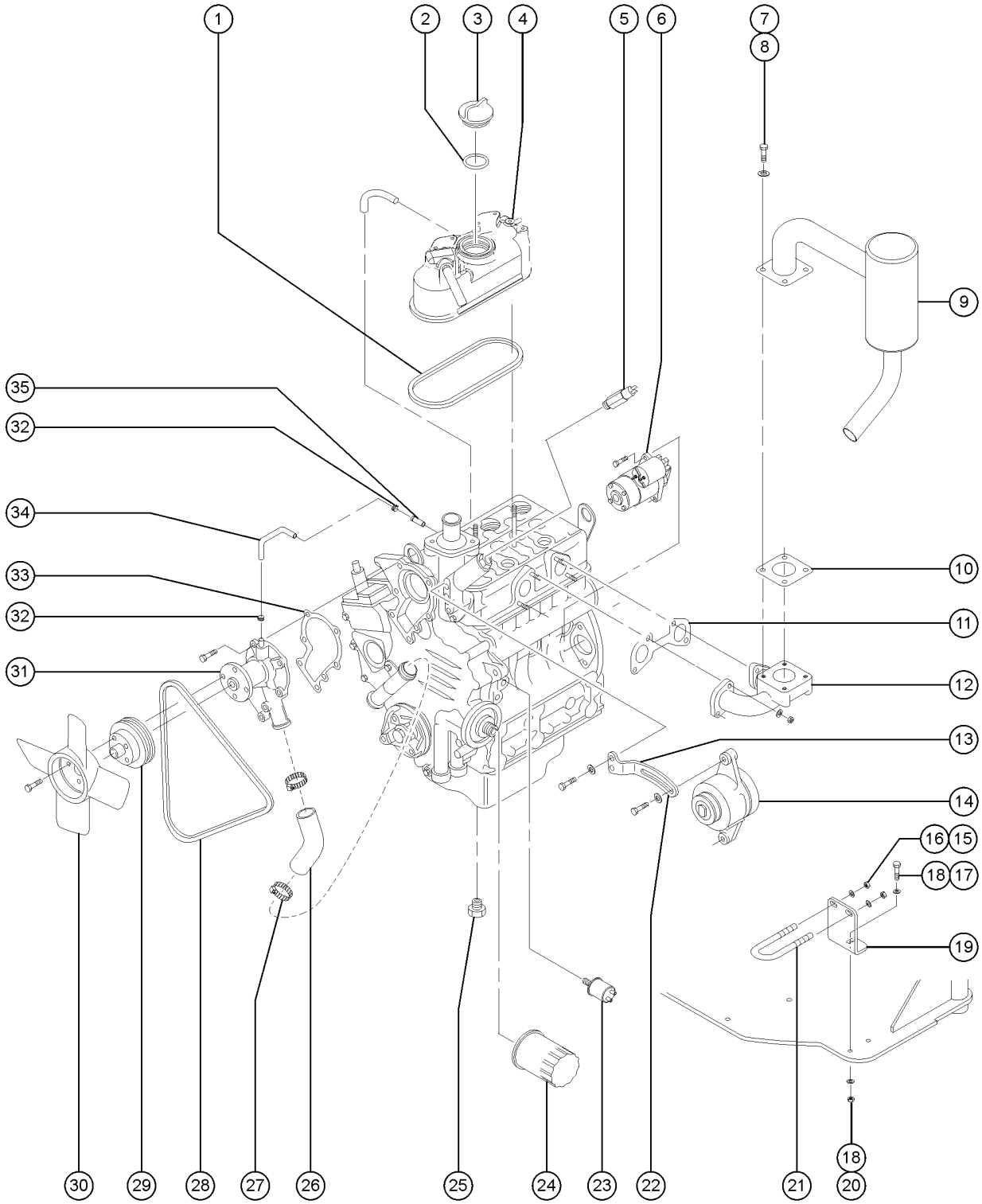
307.1 Kubota Z482 E3B-1 Engine, View 3 (from serial number Z452510A-39346 to Z452513A-48922)



307.1 Kubota Z482 E3B-1 Engine, View 3 (from serial number Z452510A-39346 to Z452513A-48922)

Item	*Part No.*	*Description*	*Qty.*
26	49408GT	WASHER, LOCK, M8	
27	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
28	54316GT	COVER,FLYWHEEL,2 CYL.KUBOTA	1
29	52851GT	BRACKET-RADIATOR SUPRT,INBOARD	1
30	866397GT	KUBOTA GASKET,THERMOSTAT	1
31	23473GT	THERMOSTAT ASSY, WG750B	1
32	27367GT	THERMOSTAT COVER,KUBOTA GAS	1
33	49375GT	SCREW,HHC,M6 X 16	
34	49407GT	WASHER,LOCK,M6	
35	25926GT	WASHER,FLAT,M6 PLTD.	

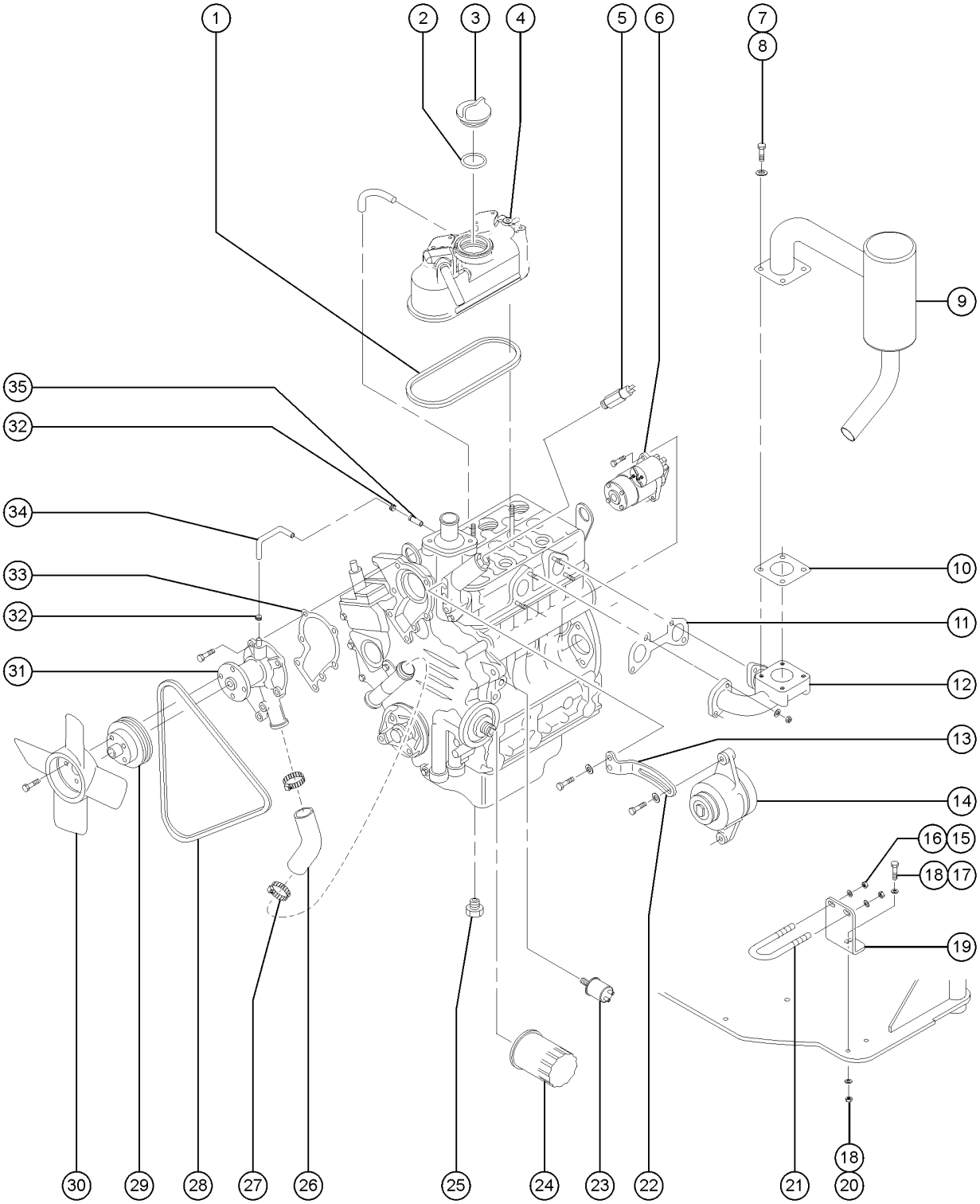
308.1 Kubota Z482 E4B-1 Engine, View 1 (from serial number Z452513A-48923)



308.1 Kubota Z482 E4B-1 Engine, View 1 (from serial number Z452513A-48923)

Item	Part No.	Description	Qty.
A	161884GT	ENGINE KIT, KUBOTA Z482, E4B	
B	62085GT	REGULATOR-VOLTAGE(Z482-E)	
1	52806GT	GASKET-VALVE COVER Z482-E	1
2	22903GT	O-RING,OIL FILLER PLUG,KUBOTA*	1
3	52808GT	PLUG,OIL FILLER Z482,Z34/22BE* use until exhausted, (replaced by 839151)	1
3B	839151GT	KUBOTA OIL FILLER PLUG,V1305	1
4	1251796GT	CYLINDER HEAD COVER, Z482	1
5	54332GT	SWITCH,WATER TEMP	1
6	52810GT	STARTER MOTOR Z482, Z34/22BE	1
6-	23457GT	SOLENOID,STARTER,WG750B	
7	23057GT	SCREW,HHC,M8 X 20MM	
8	49408GT	WASHER, LOCK, M8	
9	54603GT	MUFFLER, KUBOTA, Z45 BE	1
9B	77304GT	MUFFLER,CAT/SPARK,DEUTZ	1
10	832128GT	GASKET,MUFFLER,KUBOTA D905/11	1
11	52812GT	GASKET-EXHAUST MANIFOLD Z482	1
12	52813GT	EXHAUST MANIFOLD, Z482-E	1
13	84044GT	STAY,ALTERNATOR***	1
14	110286GT	ALTERNATOR,KUBOTA,Z482	1
15	6782GT	NUT, NYLOCK, 5/16-18	
16	5397GT	WASHER, FLAT, USS, 5/16-18	
17	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
18	6097GT	WASHER, FLAT, USS, 3/8", Y	
19	54605GT	BRACKET,EXHAUST,Z45 BI	1
20	7713GT	NUT, LP NYLOCK, 3/8-16	
21	6550GT	U-BOLT,3/8 X 1 YZ	
22	139423GT	ALTERNATOR GUARD,Z482	
23	22934GT	SWITCH,OIL,PRESSURE,KUBOTA use until exhausted,(replaced by 839190)	1

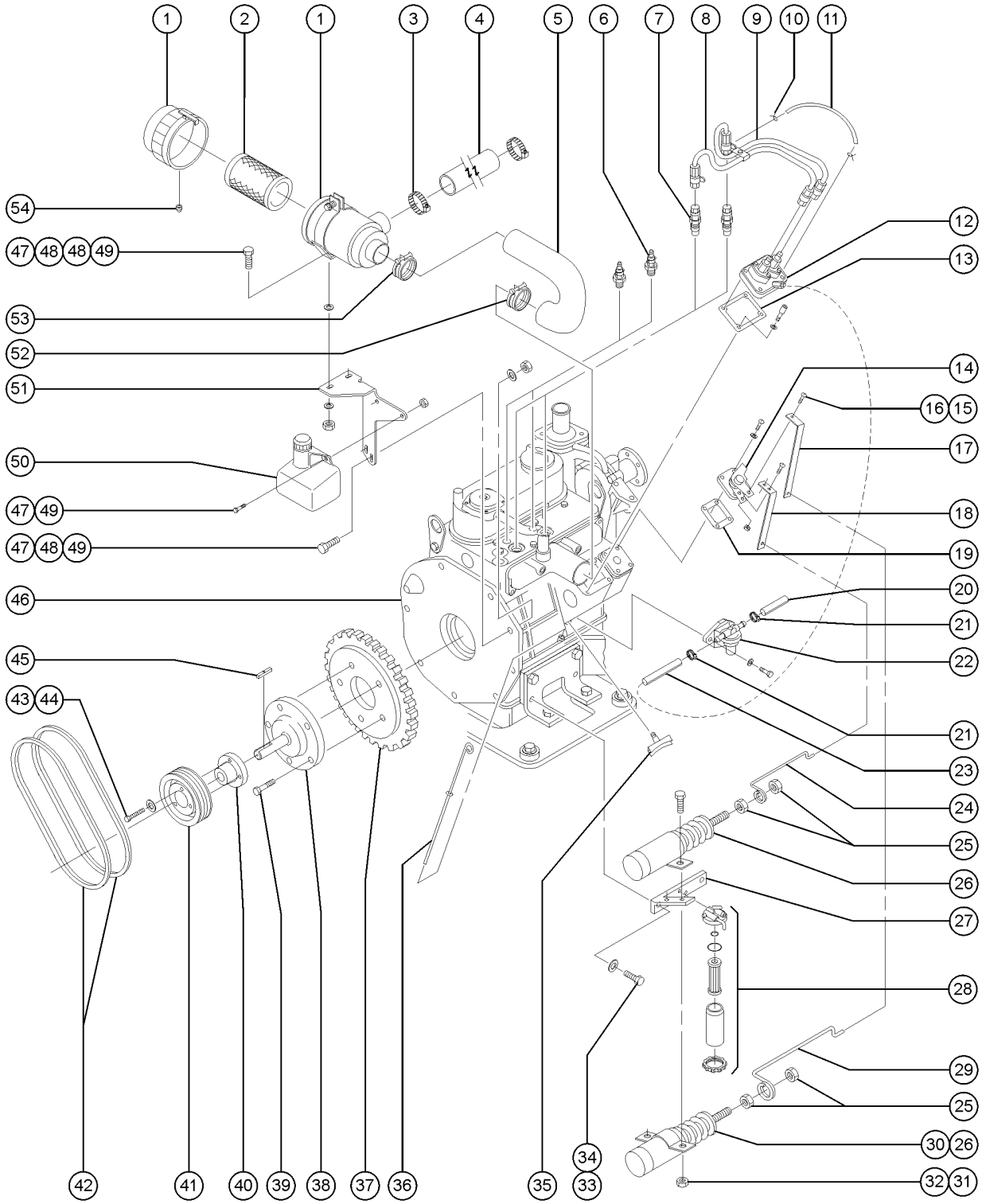
308.1 Kubota Z482 E4B-1 Engine, View 1 (from serial number Z452513A-48923)



308.1 Kubota Z482 E4B-1 Engine, View 1 (from serial number Z452513A-48923)

Item	*Part No.*	*Description*	*Qty.*
23B	839190GT	KUBOTA LOW OIL PRES SWITCH	1
24	866400GT	KUBOTA OIL FILTER	1
25	52532GT	PLUG,ENGINE OIL DRAIN,D-905***	1
25-	52533GT	GASKET (52532) OIL DRAIN, D905	
26	32067GT	HOSE,WATER PUMP,KUBOTA**	1
27	32066GT	CLAMP,HOSE,KUBOTA WG750	
28	52816GT	BELT,FAN,KUBOTA DF972/Z482-E	1
29	23469GT	PULLEY,FAN,WG750B***	1
30	52818GT	FAN, KUBOTA Z482-E	1
30-	54323GT	GUARD,FAN,2 CYL.KUBOTA	
31	139421GT	WATER PUMP, Z482 T4	
32	32069GT	CLAMP,HOSE,KUBOTA WG750	
33	23472GT	GASKET,WATER PUMPWG750B/Z482-E	1
34	62129GT	HOSE,WATER PUMP RETURN (Z482)	1
35	62130GT	PIPE,WATER RETURN (Z482-E)	1

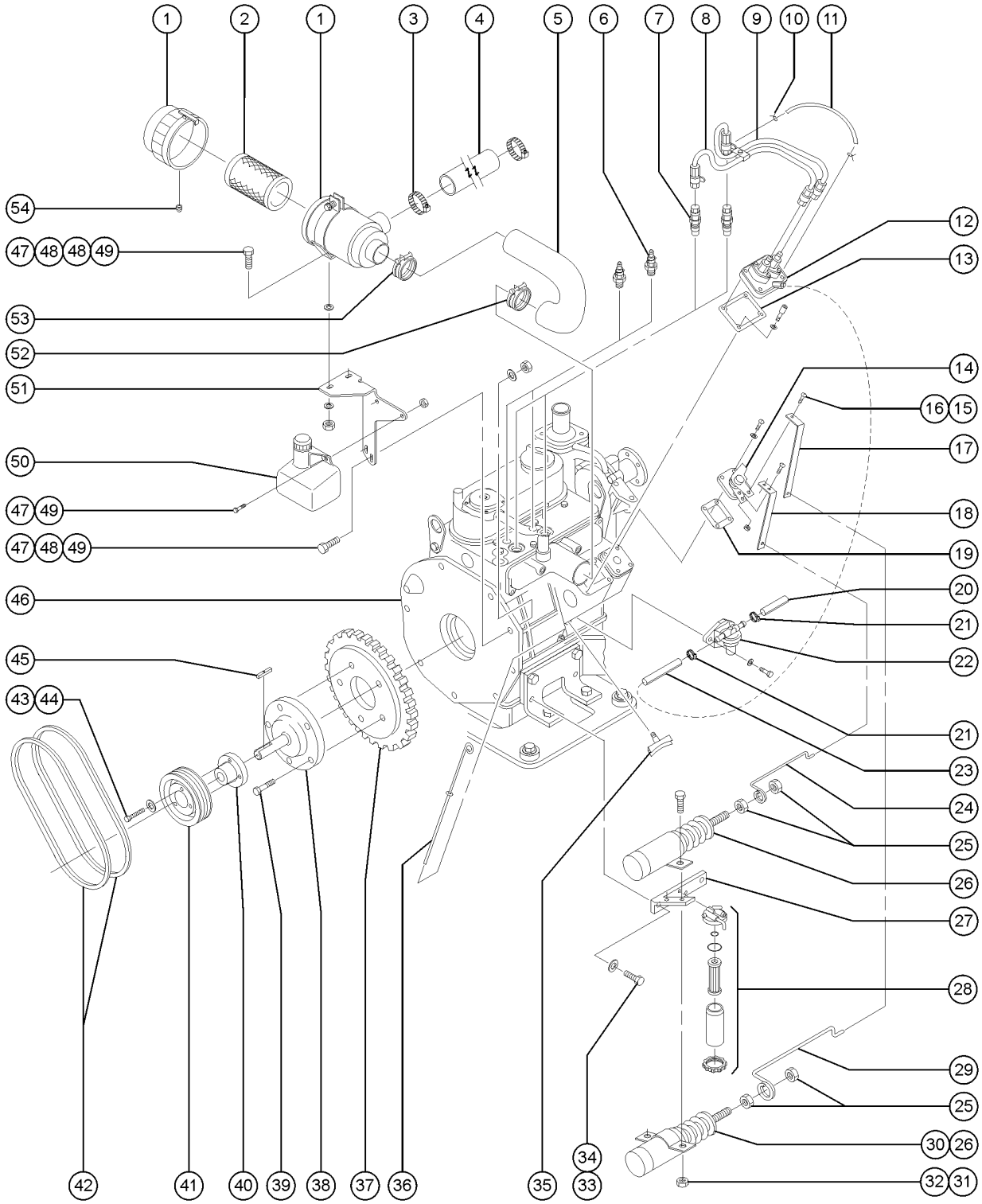
309.1 Kubota Z482 E4B-1 Engine, View 2 (from serial number Z452513A-48923)



309.1 Kubota Z482 E4B-1 Engine, View 2 (from serial number Z452513A-48923)

Item	Part No.	Description	Qty.
1	119684GT	AIR CLEANER ASSEMBLY	1
1-	119685GT	BRACKET, AIR CLEANER MT.	
2	52867GT	FILTER,AIR***	1
3	22672GT	CLAMP,HOSE,1.75	
4	60108GT	HOSE,AIR CLEANER INTAKE	1
5	60107GT	HOSE,AIR CLEANER TO ENGINE	1
6	1251793GT	GLOW PLUG, KUBOTA Z482	1
7	1251794GT	INJECTOR, Z482 T4	
7-	139656GT	SERVICE KIT, INJECTOR, Z482	
8	52824GT	PIPE, INJECTOR 2 KUBOTA Z482-E	1
9	52823GT	PIPE, INJECTOR 1 KUBOTA Z482-E	1
10	62043GT	CLAMP-OVERFLOW PIPE(Z482-E)	1
11	839157GT	KUBOTA OVERFLOW PIPE	1
12	52825GT	PUMP-INJECTION, KUBOTA Z482-E	1
13	52826GT	GASKET-INJECTION PUMP, Z482-E	1
14	52949GT	SPEED CONTROL ASSEMBLY**	1
15	5094GT	SCREW,RHM,10-32 X .5	
16	6178GT	NUT, NYLOCK, 10-32	
17	56101GT	BRACKET,STOP LEVER	1
18	56102GT	BRACKET,IDLE LEVER	1
19	52832GT	GASKET-SPEED CONTROL ASSEMBLY	1
20	27089GT	HOSE,5/16 FUEL,SAE 30R7	
21	52834GT	CLAMP-HOSE, .375, FUEL PUMP	
22	52835GT	PUMP ASSY-FUEL, KUBOTA Z482-E	1
23	27089GT	HOSE,5/16 FUEL,SAE 30R7	
24	56110GT	ROD,ENGINE IDLE & STOP length approximately 4.5 inch / 11 cm	1
25	21496GT	NUT,HEX,1/4-28	
26	20780GT	SOLENOID,2 SPEED TROMBETTA***	2

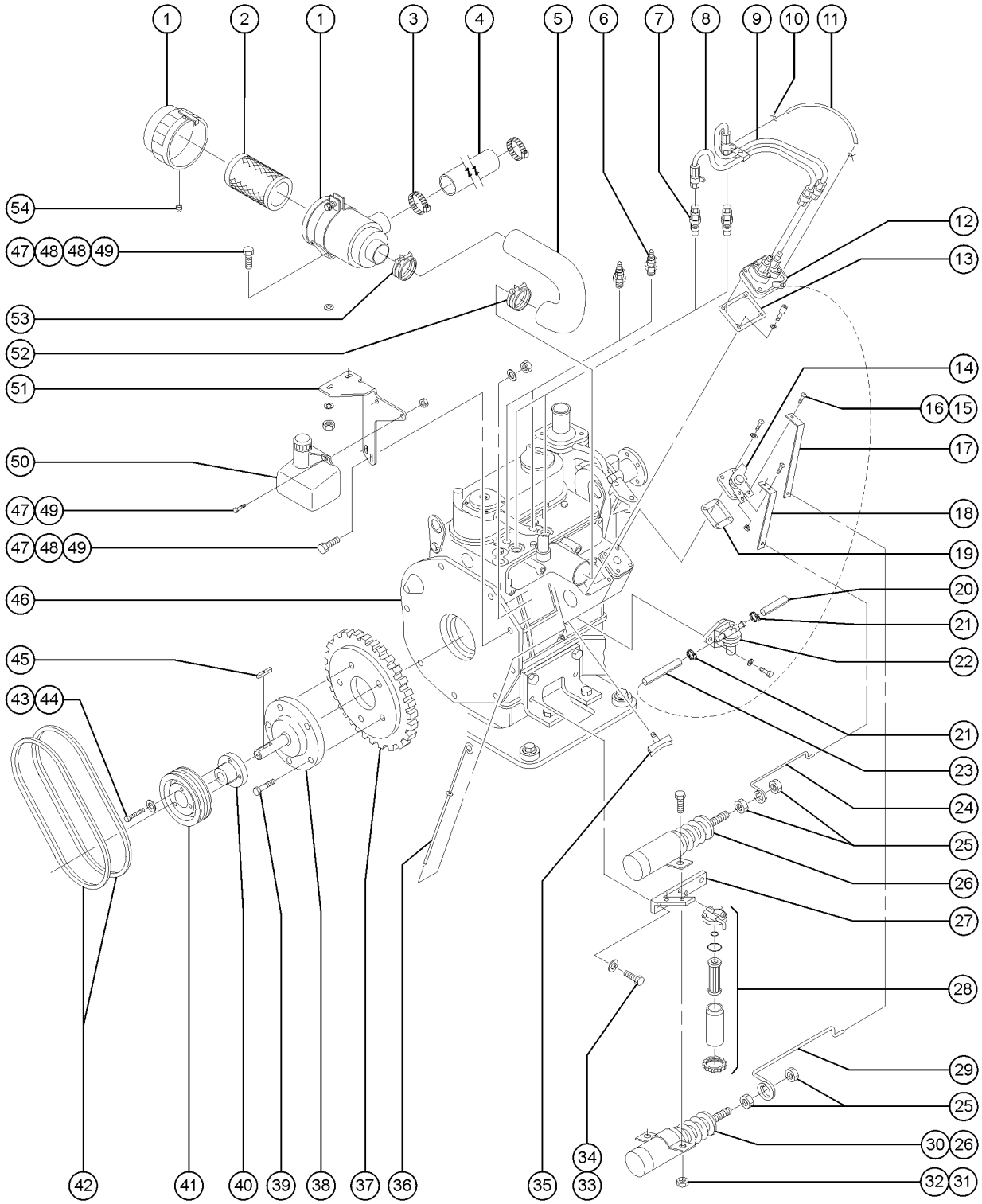
309.1 Kubota Z482 E4B-1 Engine, View 2 (from serial number Z452513A-48923)



309.1 Kubota Z482 E4B-1 Engine, View 2 (from serial number Z452513A-48923)

Item	Part No.	Description	Qty.
26-	52514GT	BOOT,SOLENOID, 20780	
27	60105-SGT	BRACKET,SOLENOID MOUNT PAINTED	1
28	147205GT	ASSEMBLY, FUEL FILTER, Z482	1
28-	139428GT	HOUSING, FUEL FILTER, Z482	
28-	139429GT	ELEMENT, FUEL FILTER, Z482 use until exhausted,(replaced by 52877)	
28-	52877GT	FILTER,FUEL FILTER Z482-E	
28-	147206GT	CUP ASSY, FUEL FILTER, Z482	
28-		RETAINING RING, FUEL FILTER (for illustration only; component not available separately)	
28-	147208GT	O-RING, FUEL FILTER, Z482	
29	22956GT	ROD,CHOKE (KUBOTA)**** length approximately 6 inch / 15 cm	1
30	22446GT	SPRING, COMPRESSION .835 X 2	1
31	6091GT	NUT,NYLOCK,1/4-20	
32	6090GT	SCREW, HHC, 1/4-20 X .75	
33	6175GT	SCREW,HHC,3/8-16 X 1	
34	6886GT	WASHER,LOCK,.313	
35	32077GT	PETCOCK,DRAIN,KUBOTA WG750B	1
36	52836GT	DIPSTICK, KUBOTA Z482-E	1
37	1251795GT	RING GEAR, Z482 T4	
38	52838GT	ADAPTER FLANGE-PULLEY,Z482-E	1
39	23057GT	SCREW,HHC,M8 X 20MM	
40	56068GT	BUSHING,SH 1-1/8	1
41	56067GT	BALANCER,HARMONIC,2-3V-500-SH	1
42	60112GT	ALTERNATOR BELT	2
43	8915GT	SCREW, HHC, 1/4-20 X 1.25	
44	6356GT	WASHER, LOCK, .25	
45	56086GT	KEY,1/4 X 1.25	
46	139434GT	REAR END PLATE, Z482	
47	13002GT	SCREW,HHC,5/16-18 X 1 GR5	

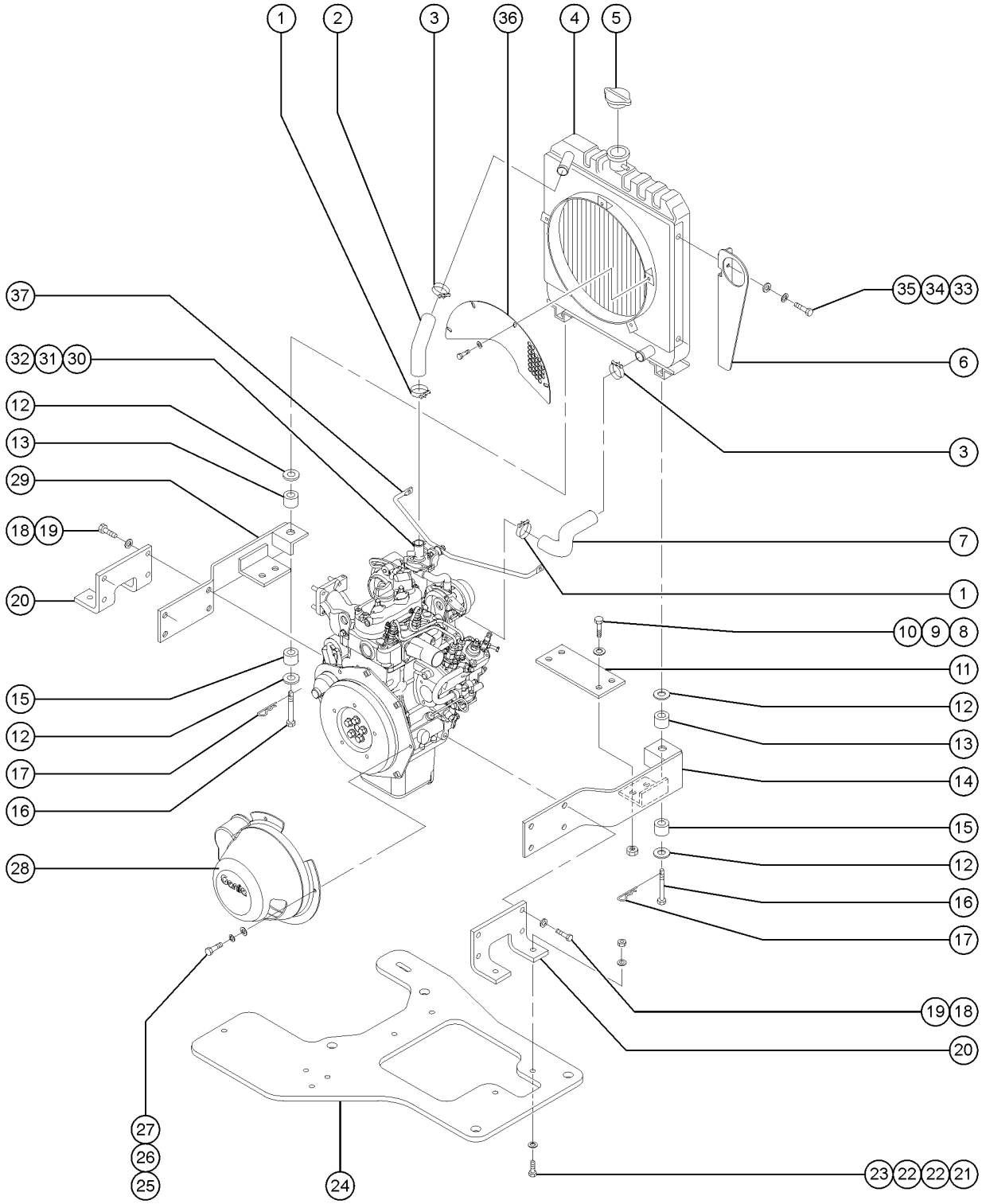
309.1 Kubota Z482 E4B-1 Engine, View 2 (from serial number Z452513A-48923)



309.1 Kubota Z482 E4B-1 Engine, View 2 (from serial number Z452513A-48923)

Item	*Part No.*	*Description*	*Qty.*
48	5397GT	WASHER, FLAT, USS, 5/16-18	
49	6002GT	NUT, LP NYLOCK, 5/16-18	
50	42662GT	COOLANT RECOVERY BOTTLE1.5 QT*	1
50-	227833GT	HOSE,PVC,CLEAR,36.00" not included with coolant bottle	
51	54243-SGT	BRKT,AIRCLEAN,COOLRES.MNT,PNTD	1
52	62133GT	HOSE CLAMP-AIR CLEANER/LOWER	1
53	839049GT	KUBOTA 15263-12370BAND PIPE	1
54	52866GT	EVACUATOR VALVE-AIR CLEANER	1

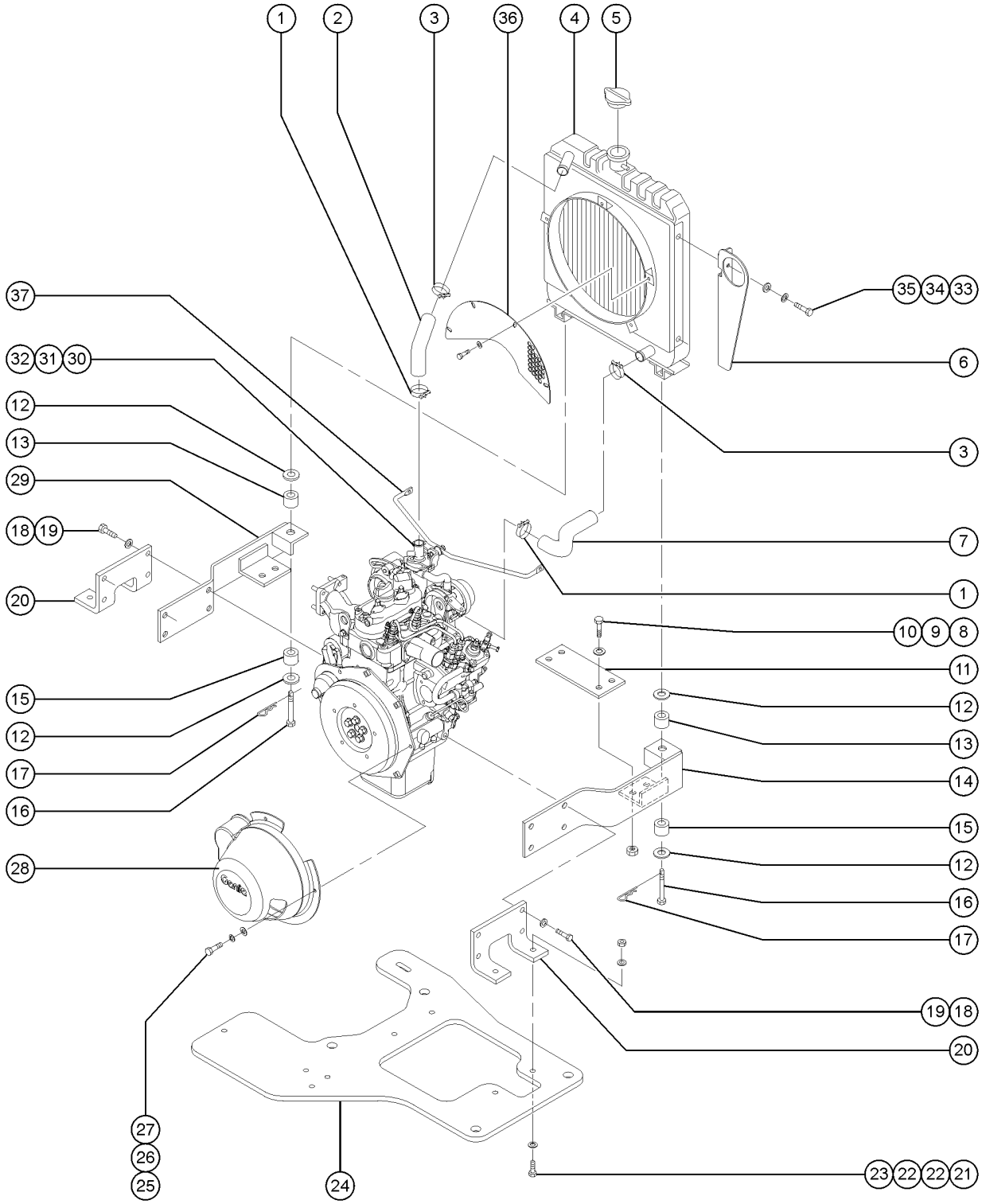
310.1 Kubota Z482 E4B-1 Engine, View 3 (from serial number Z452513A-48923)



310.1 Kubota Z482 E4B-1 Engine, View 3 (from serial number Z452513A-48923)

Item	Part No.	Description	Qty.
1	32066GT	CLAMP,HOSE,KUBOTA WG750	1
2	52841GT	HOSE-RADIATOR,UPPER Z482-E	1
3	32087GT	CLAMP,HOSE,KUBOTA WG750	1
4	119242GT	RADIATOR ASSY,KUBOTA Z482E AL	1
5	110523GT	CAP,RADIATOR,AL,KUBOTA DF-752	1
6	110749GT	BRACKET,AIR INTAKE	1
7	32090GT	HOSE,LWR RADIATOR,KUBOTA WG750	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6356GT	WASHER, LOCK, .25	
10	6091GT	NUT,NYLOCK,1/4-20	
11	28963GT	RADIATOR STAY, KUBOTA 1702	1
12	52539GT	WASHER,RADIATOR CUSHION,KUBOTA use until exhausted,(replaced by 865263)	
12B	865263GT	KUBOTA 15111-72200 WASHER	
13	865260GT	KUBOTA 15263-12370CUSHION	2
14	52847GT	BRACKET-RADIATOR SUPRT,OUTBRD	1
15	28156GT	CUSHION,RADIATOR,KUBOTA 1702**	2
16	52540GT	SCREW,RADIATOR MOUNT, KUBOTA use until exhausted,(replaced by 865086)	
16B	865086GT	KUBOTA RAD ISOLATOR BOLT	
17	52541GT	CLIP,RADIATOR MOUNT, KUBOTA use until exhausted,(replaced by 865085)	
17B	865085GT	KUBOTA SNAP PIN	
18	22676GT	SCREW,HHC,M10 X 1.25 X 30MM**	
19	22700GT	WASHER,LOCK,M10	
20	60088-SGT	BRACKET,ENGINE MNT,KUBOTA 13HP	1
21	8516GT	SCREW, HCC, 3/8-16 X 1.50	
22	6097GT	WASHER, FLAT, USS, 3/8", Y	
23	4828GT	NUT, NYLOCK, 3/8-16	
24	60092-SGT	PLATE,ENGINE MOUNT PAINTED	1
25	23057GT	SCREW,HHC,M8 X 20MM	

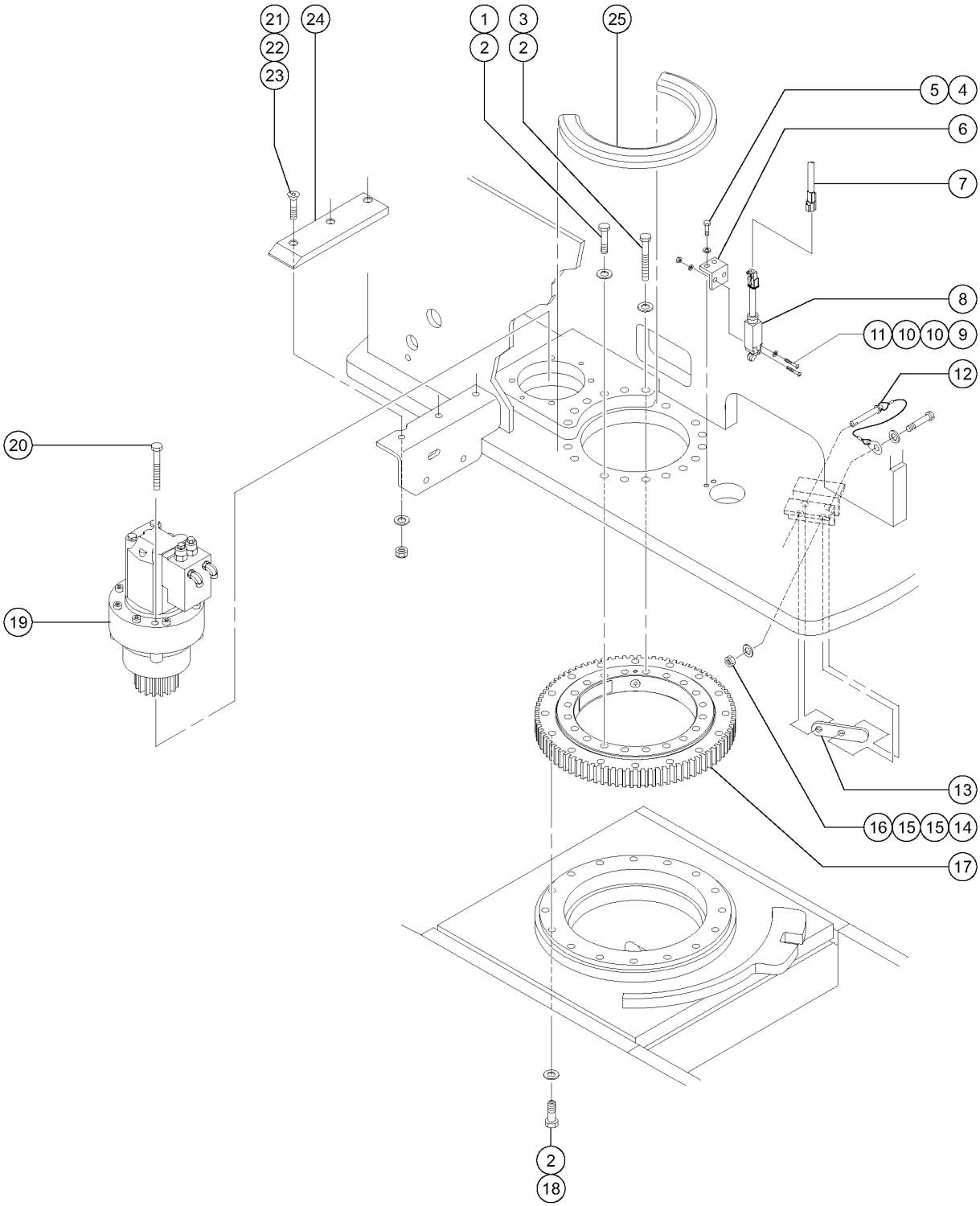
310.1 Kubota Z482 E4B-1 Engine, View 3 (from serial number Z452513A-48923)



310.1 Kubota Z482 E4B-1 Engine, View 3 (from serial number Z452513A-48923)

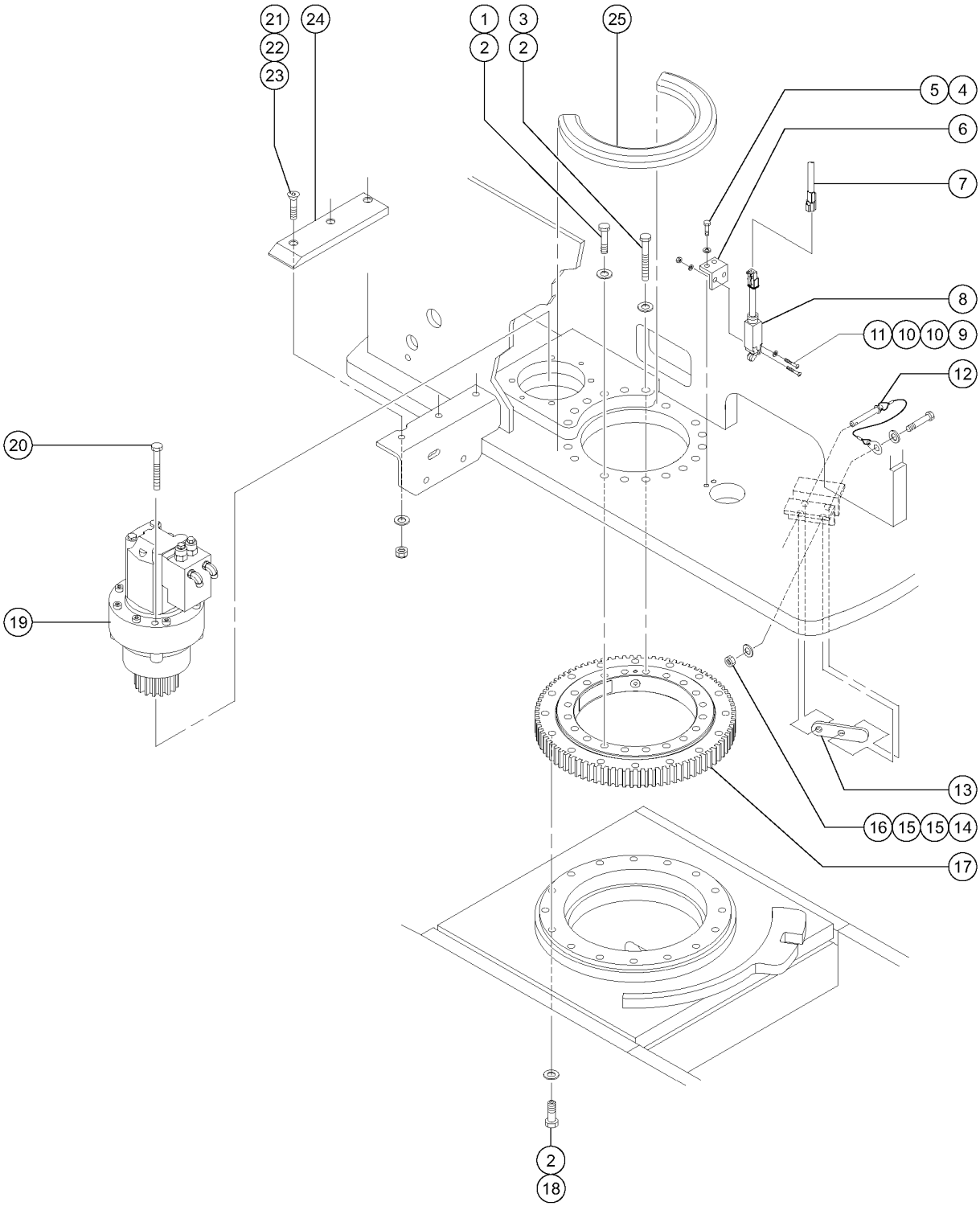
Item	Part No.	Description	Qty.
26	49408GT	WASHER, LOCK, M8	
27	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
28	54316GT	COVER,FLYWHEEL,2 CYL.KUBOTA	1
29	52851GT	BRACKET-RADIATOR SUPRT,INBOARD	1
30	866397GT	KUBOTA GASKET,THERMOSTAT	1
31	23473GT	THERMOSTAT ASSY, WG750B	1
32	27367GT	THERMOSTAT COVER,KUBOTA GAS	1
33	49375GT	SCREW,HHC,M6 X 16	
34	49407GT	WASHER,LOCK,M6	
35	25926GT	WASHER,FLAT,M6 PLTD.	
36	54323GT	GUARD,FAN,2 CYL.KUBOTA	1
37A	52847GT	BRACKET-RADIATOR SUPRT,OUTBRD	1
37B	82851GT	LABEL,RELAY A	1

401.1 Turntable Rotator



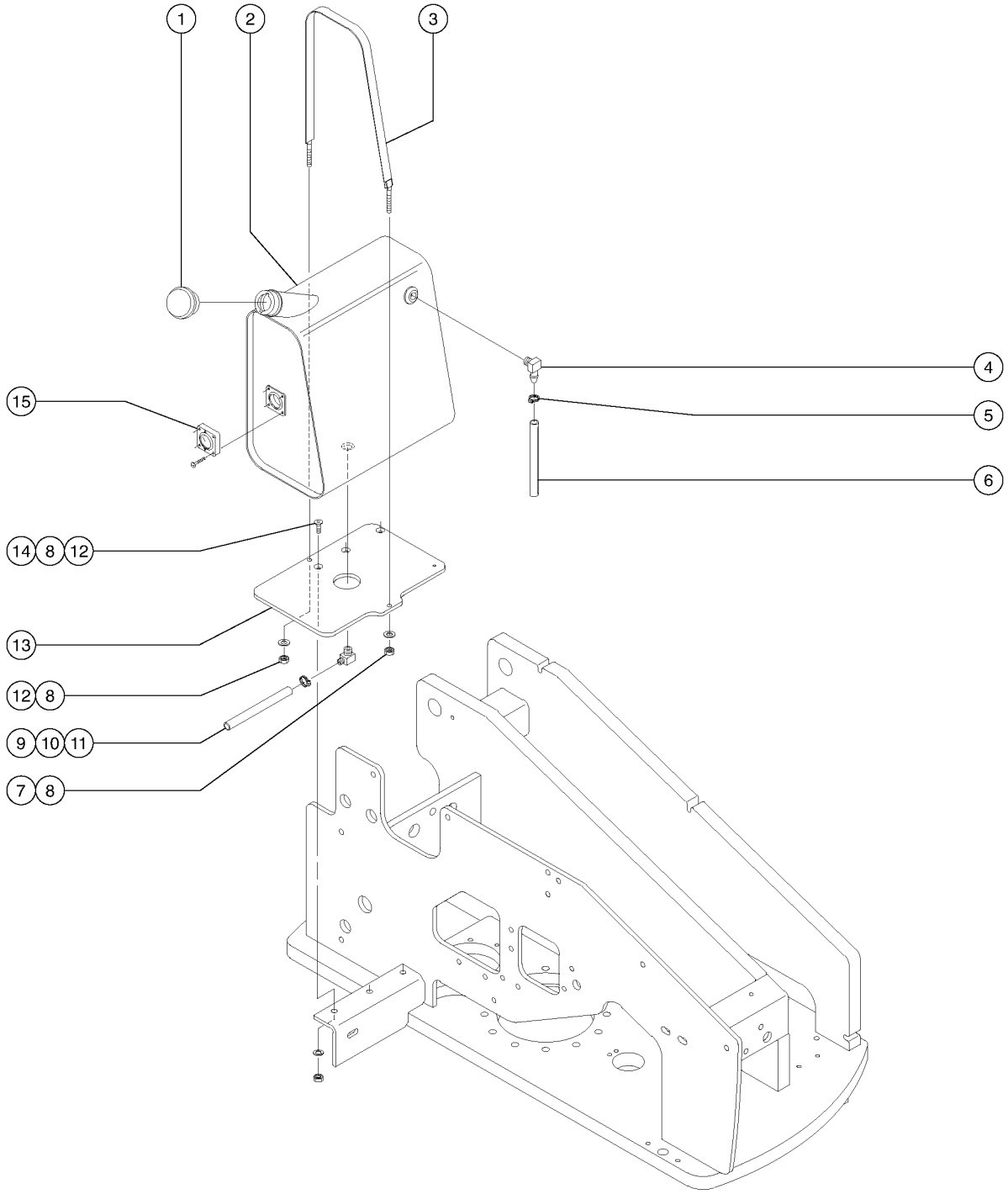
Item	Part No.	Description	Qty.
1A	74712GT	SCREW,SHC,5/8-11 X 2.75,A574 to SN 38872	12
1B	139861GT	SCREW,HHC,5/8-11 X 2.75 GR8 BO from SN 38873	12
2	13064GT	WASHER,FLAT,.625 HARDENED	36
3A	21175GT	SCREW,SHC,5/8-11 X 4,A574 to SN 38872	6
3B	139865GT	SCREW,HHC,5/8-11 X 4.00 GR8 BO from SN 38873	6
4	8255GT	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	54145-800GT	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
18A	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
19A		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	

401.1 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 seperately	
19B		SWING DRIVE ASSY*** (147209) 147209 is 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 seperately	
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

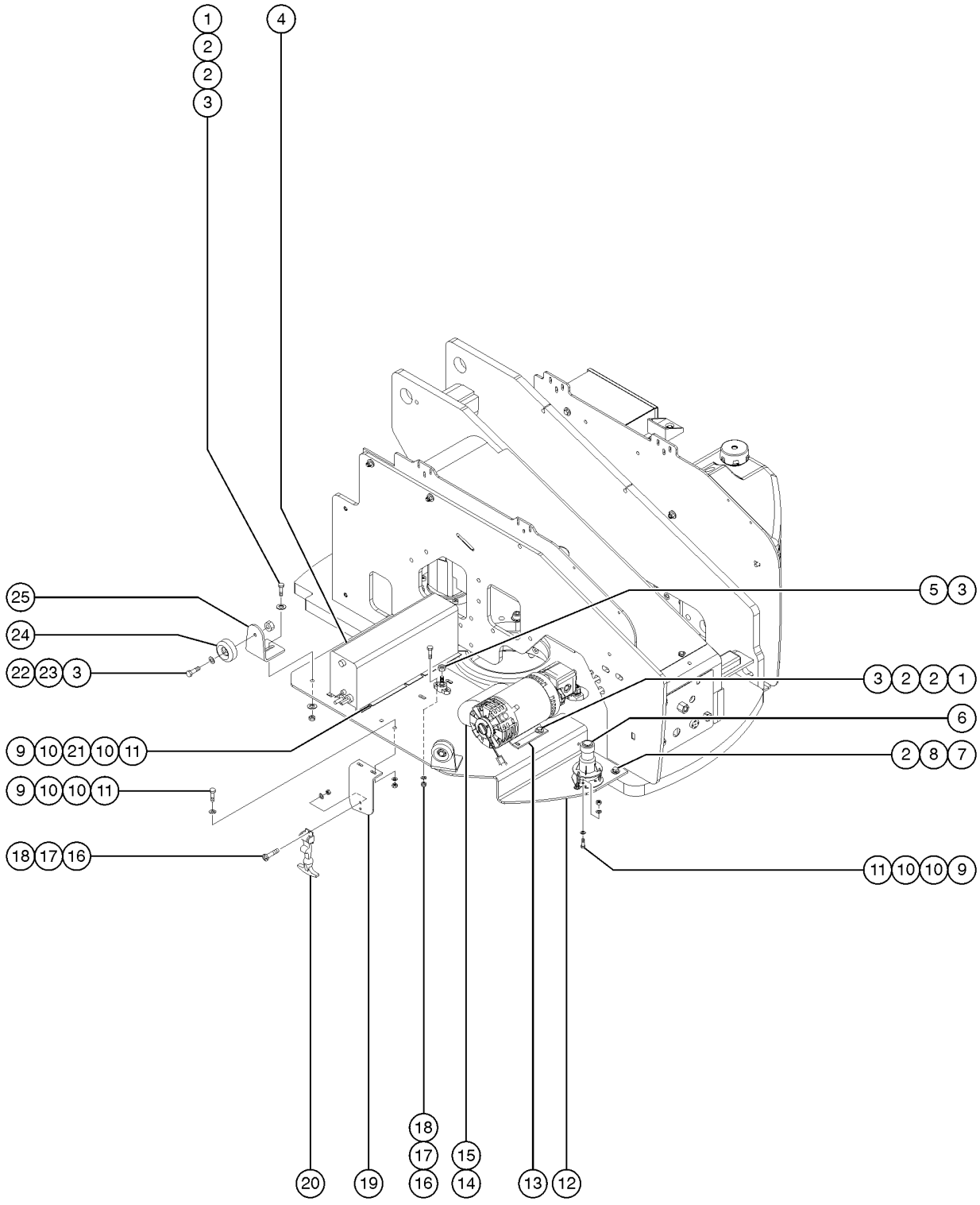
402.1 Turntable Components - View 1 - Bi-Energy Models



402.1 Turntable Components - View 1 - Bi-Energy Models

Item	Part No.	Description	Qty.
1	54694GT	FUEL CAP,BI-ENERGY,Z45***%%	1
2	62131-SGT	FUEL TANK ASSY W/DECAL(Z45/25)	1
3	1282314GT	STRAP ASSY, 44LG, W/RUBBER	1
4	54206GT	HOSE END,BARB,1/4 MNPTX3/16,90	1
5	31982GT	CLAMP,HOSE,1 EAR, 15/32	1
6	54286GT	HOSE,3/16,FUEL,SAE 30R7,103"	
7	7713GT	NUT, LP NYLOCK, 3/8-16	
8	5397GT	WASHER, FLAT, USS, 5/16-18	
9	54287GT	HOSE,5/16,FUEL,SAE 30R7,86"	
10	54123GT	CLAMP,HOSE,1 EAR, 5/8	1
11	54205GT	HOSE END,BARB,1/4 MNPTX5/16,90	1
12	4828GT	NUT, NYLOCK, 3/8-16	
13	60102-SGT	PLATE,FUEL TANK,PAINTED	1
14	17712GT	SCREW,FHS,3/8-16 X 1.75	
15	60170GT	GAUGE,FUEL,SIDE MOUNT Z45 includes mounting fasteners	1

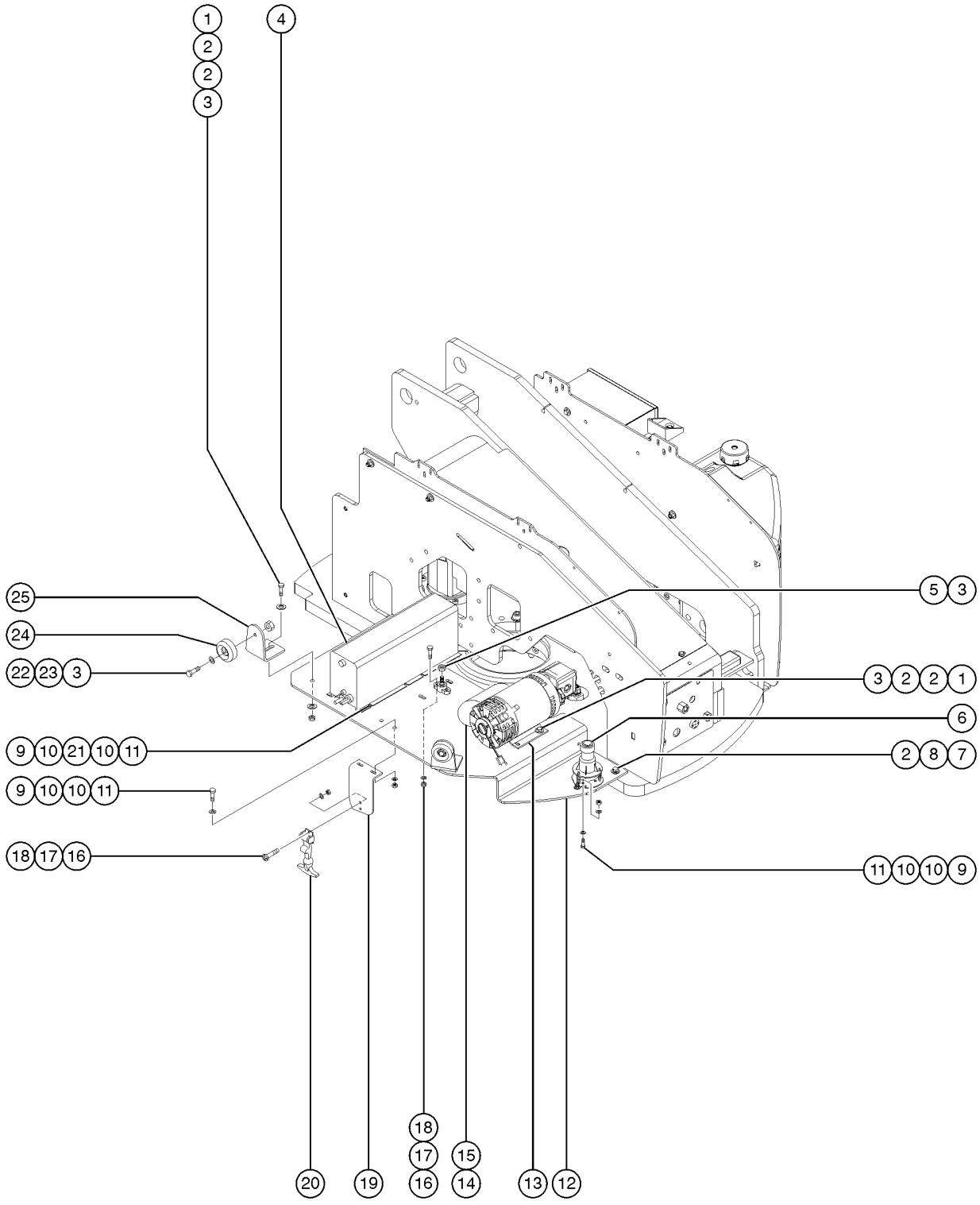
403.1 Turntable Components - View 1 - DC Models



403.1 Turntable Components - View 1 - DC Models

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
5A	94981GT	STUD,POWER 3/8" RED red	1
5B	94982GT	STANDOFF, 3/8" BLACK black	1
6A	94077GT	SENSOR,LEVEL,4.5 DEG ANSI/CSA/Australia	1
6B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 CE to Z45D-1698	
6C	1263187GT	SENSOR, LEVEL,2.5 X 4.5 DEG from Z45D-1699	1
7	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	3
8	6021GT	WASHER, LOCK, .375	3
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
12-	1256118GT	SCREW,HHC,3/8-16X1.5,8,ZAG	2
12-	1255758GT	WASHER,FLAT,3/8,USS,ZAG	2
12-	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
13		REF. HYDRAULIC POWER UNIT (refer to 701.1)	
14	36179GT	POWER UNIT,AUX PUMP 24VDC	1
14-	37184GT	MOTOR, 24V (36179)	
14-	37185GT	PUMP ASSEMBLY (36179) Part 37185GT is no longer backwards compatible with 37184GT. Order complete Aux Pump 36179GT	
14-	37186GT	VALVE,CHECK (36179)	
14-	37187GT	SEAL KIT, 37185 PUMP for 37185	
14-	37191GT	GASKET, PUMP / MOTOR (36179)	
14-	37192GT	COUPLER, PUMP / MOTOR (36179)	
14-	49878GT	NYLON WASHER,(36179)	

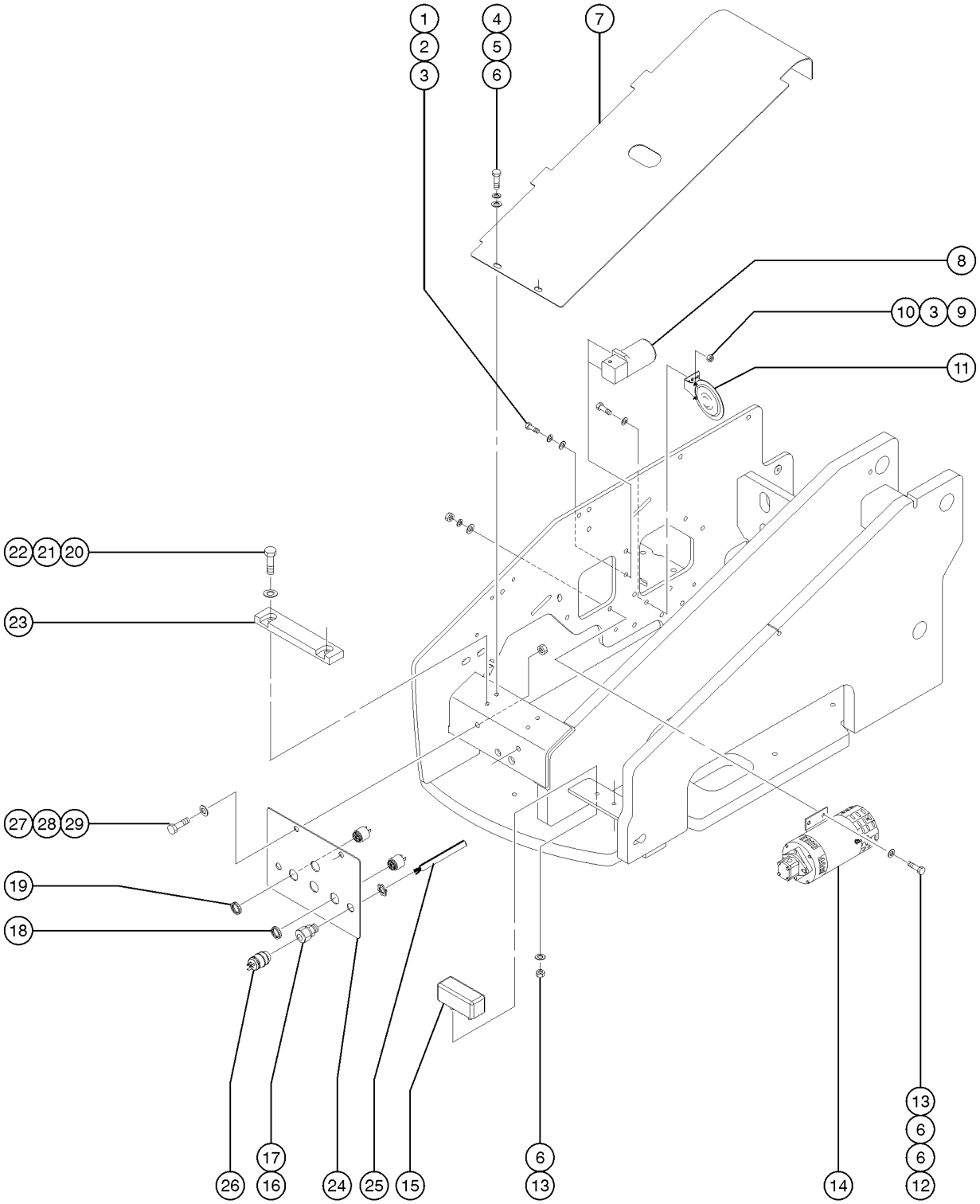
403.1 Turntable Components - View 1 - DC Models



403.1 Turntable Components - View 1 - DC Models

Item	Part No.	Description	Qty.
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
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

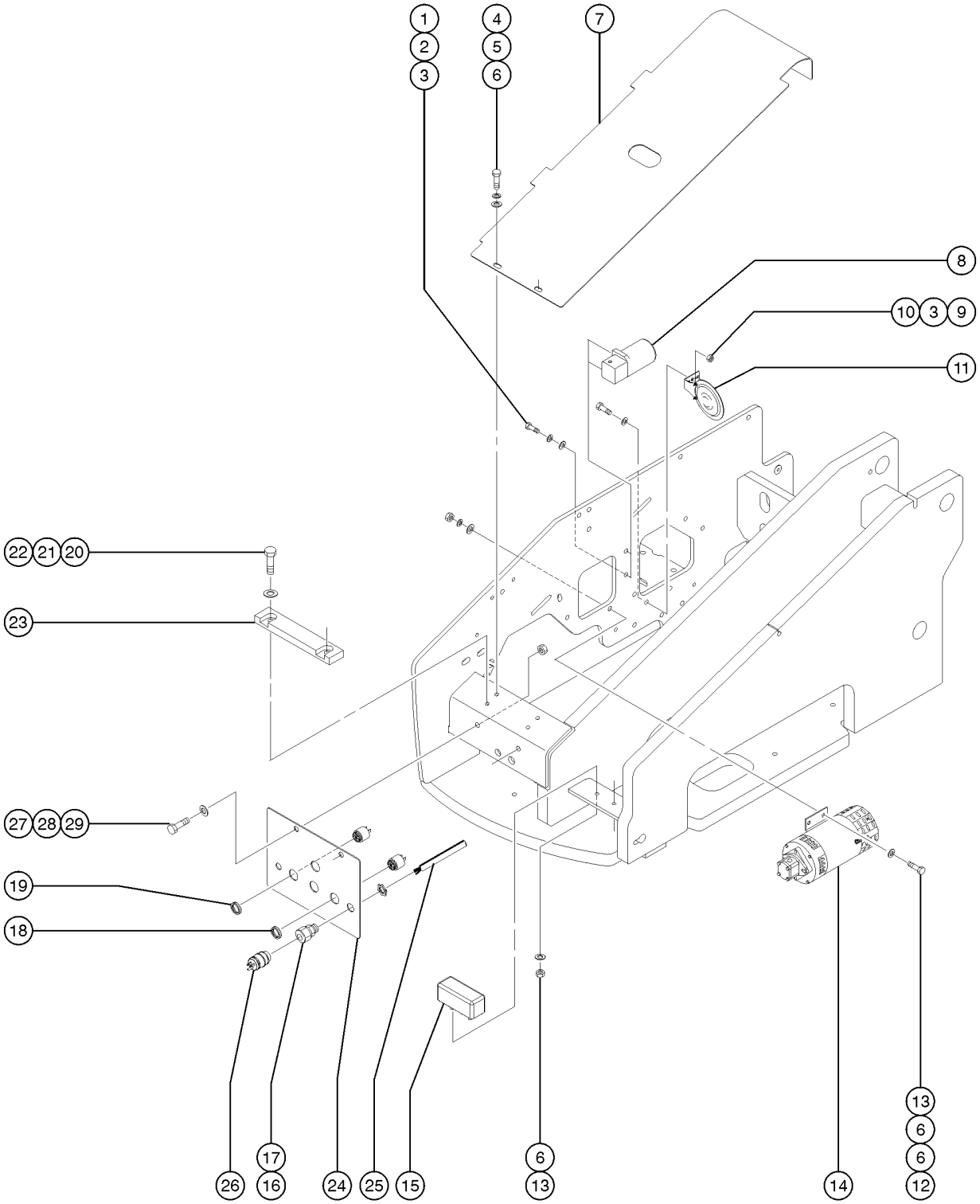
404.1 Turntable Components - View 2, Z-45/25



404.1 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 to SN 31386	1
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* Does not include 72326 nut	1
18-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
19	45462GT	ALARM,CHIME TONE 5-25VDC*** Does not include 72326 nut	1

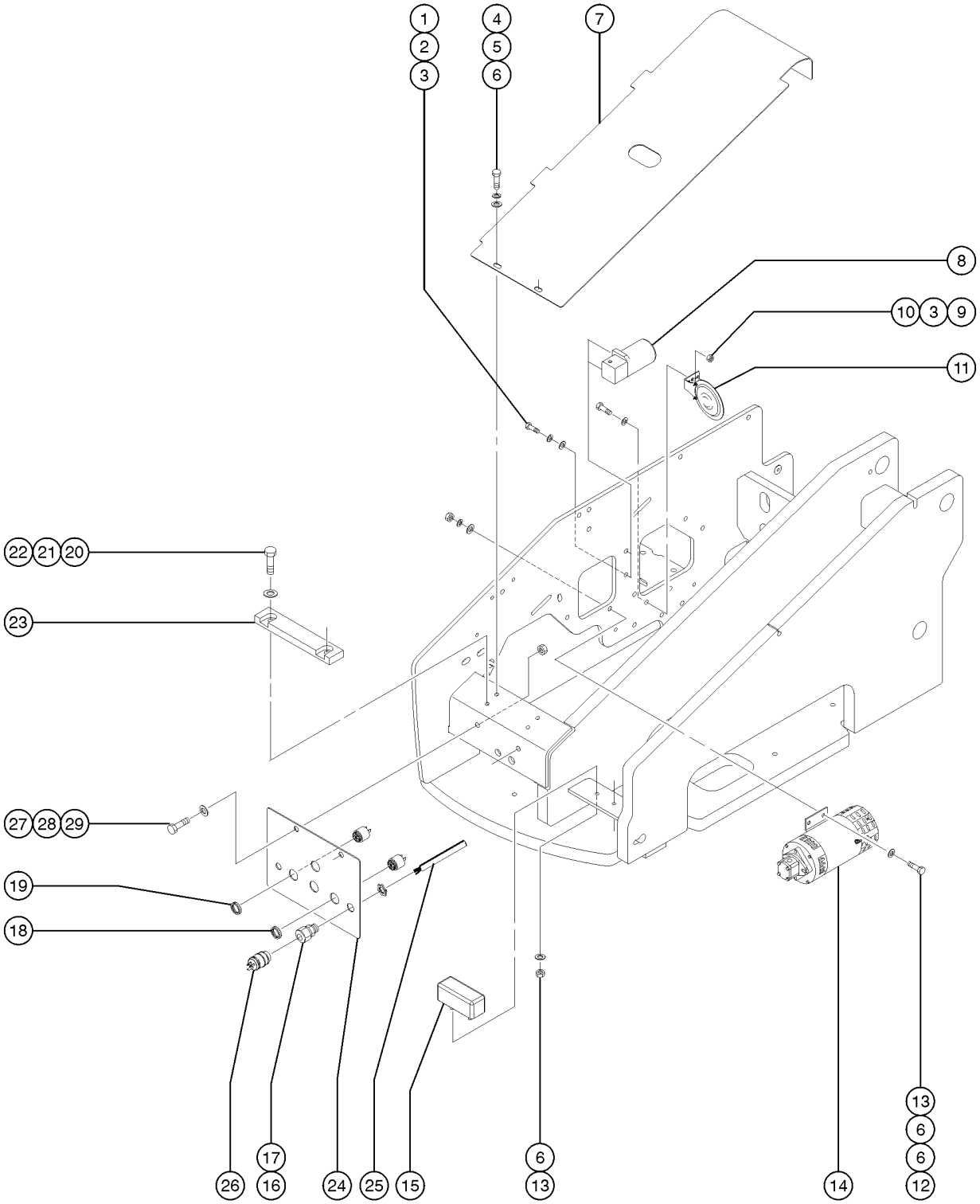
404.1 Turntable Components - View 2, Z-45/25



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

Item	Part No.	Description	Qty.
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
26A	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 UK	1
26B-	139318GT	BUSHING,STRAIN RELIEF,.875/.30	1
26C	128645GT	CORD AC IEC320-C19 TO 220EU Europe	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	

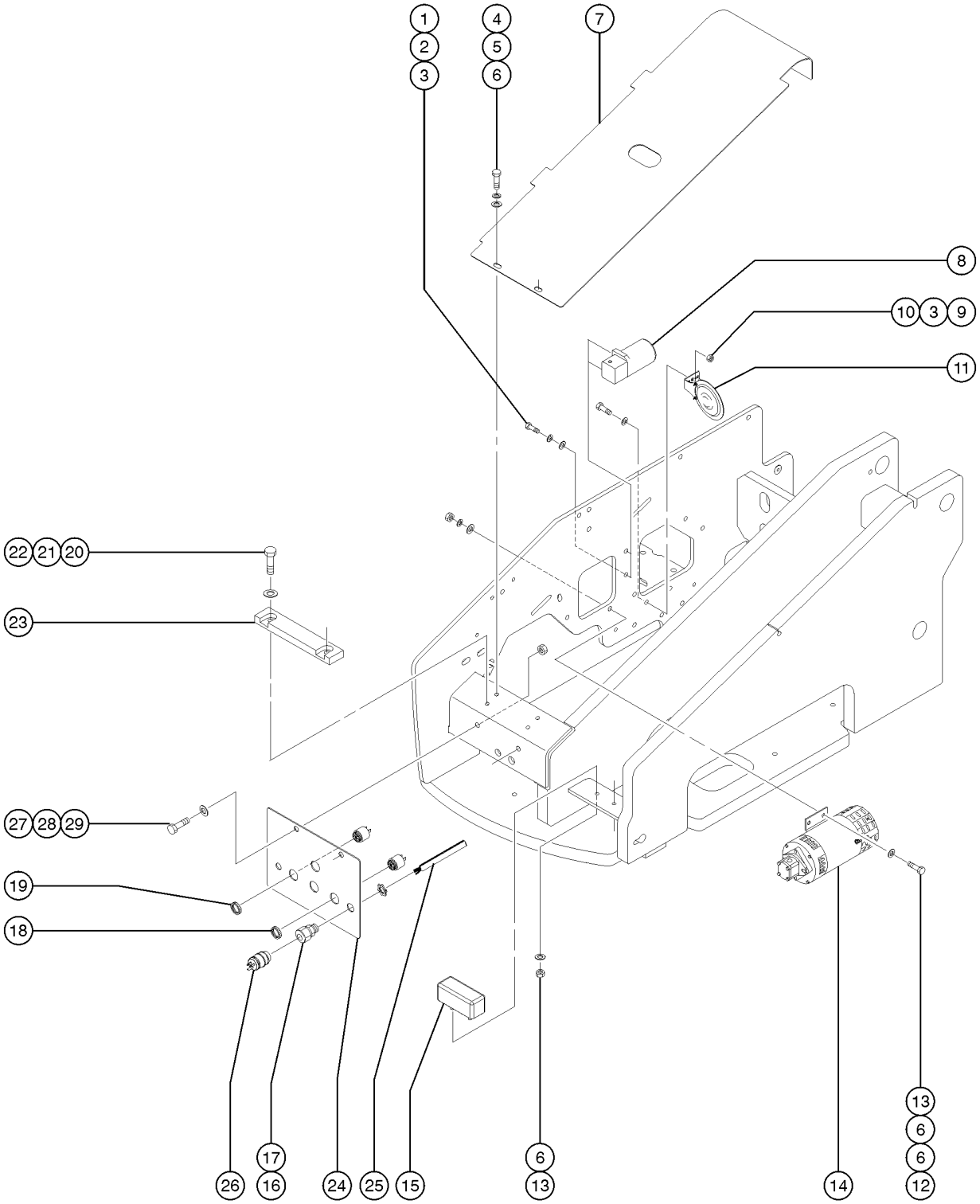
404.2 Turntable Components - View 2, Z-45/25J



404.2 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 to SN 31386	1
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* Does not include 72326 nut	1
18-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
19	45462GT	ALARM,CHIME TONE 5-25VDC*** Does not include 72326 nut	1

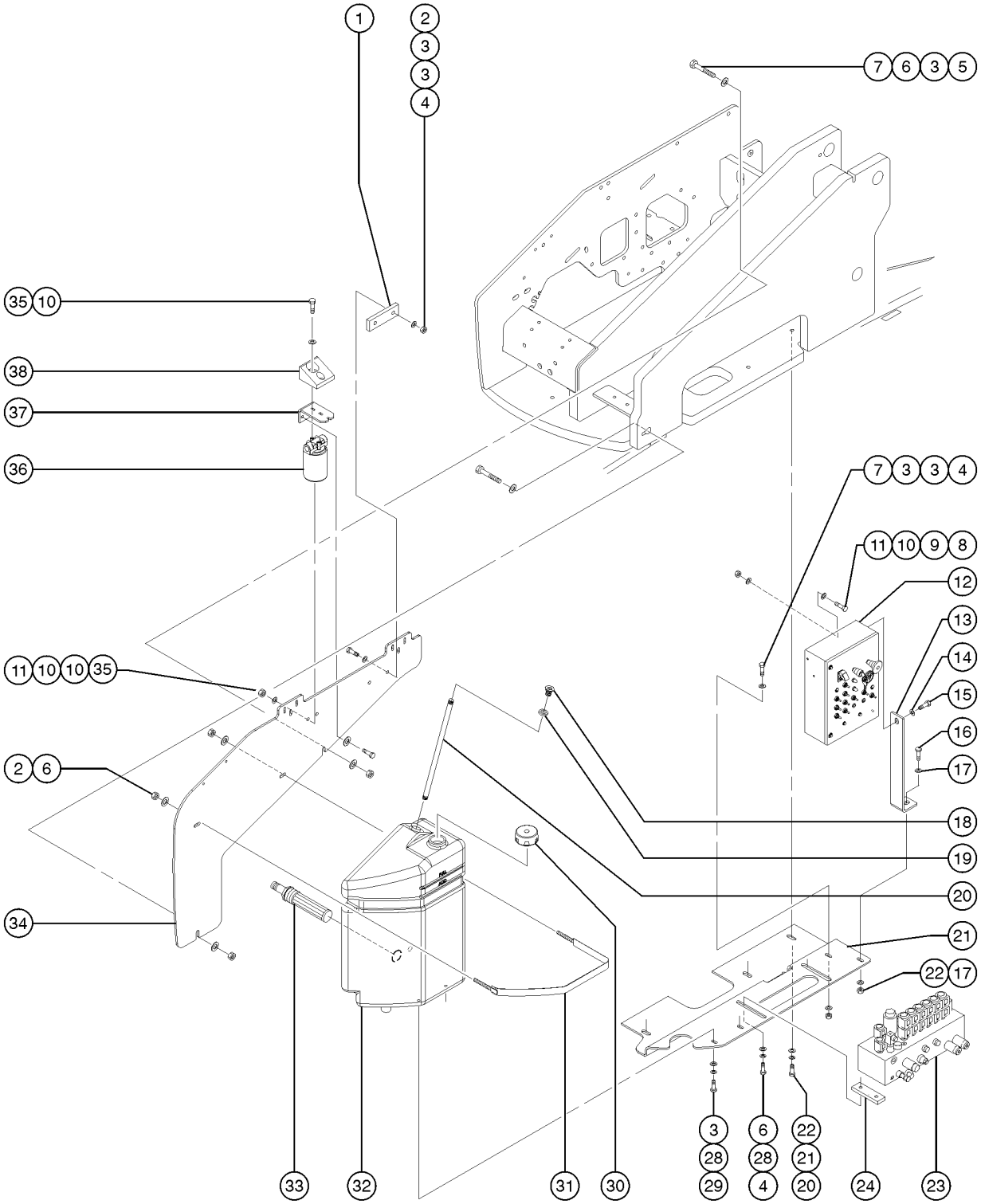
404.2 Turntable Components - View 2, Z-45/25J



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

Item	Part No.	Description	Qty.
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
26A	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	
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	
26B	128646GT	CORD AC IEC320-C19 TO 110UK UK	1
26B-	139318GT	BUSHING,STRAIN RELIEF,.875/.30	1
26C	128645GT	CORD AC IEC320-C19 TO 220EU Europe	1
26C-	139318GT	BUSHING,STRAIN RELIEF,.875/.30	1

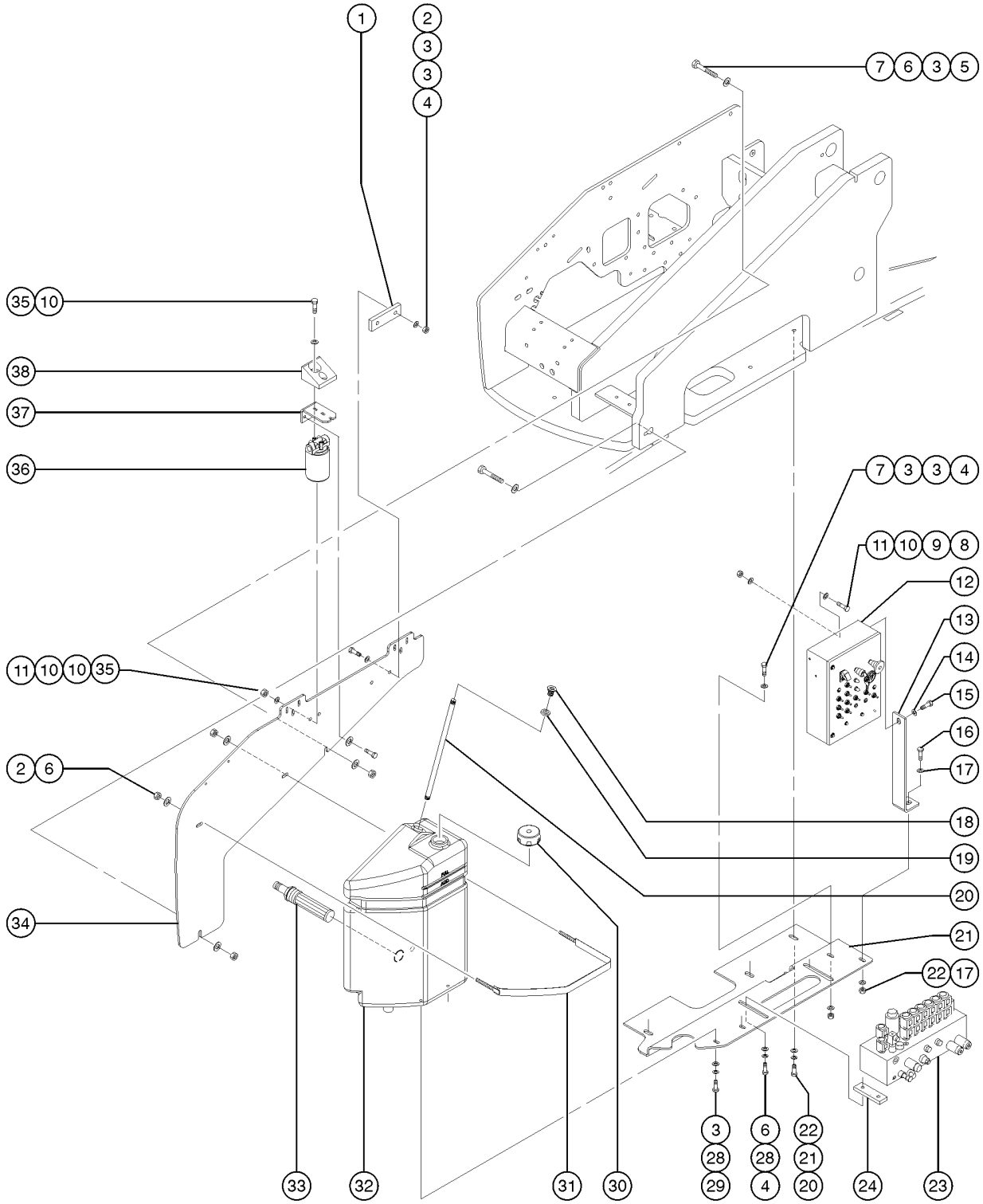
405.1 Turntable Components - View 3



405.1 Turntable Components - View 3

Item	Part No.	Description	Qty.
1	54231GT	WEAR PAD,4.88 X 1.5 X .5	1
2	1257628GT	NUT,SERRATED,3/8-16,ZAG	
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	1255758GT	WASHER,FLAT,3/8,USS,ZAG	
7	7713GT	NUT, LP NYLOCK, 3/8-16	
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6356GT	WASHER, LOCK, .25	
10	824113GT	WASHER,FLAT,USS,1/4,ZAG	
11	824024GT	NUT, TL, 1/4-20, C, ZAG	
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	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	
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	

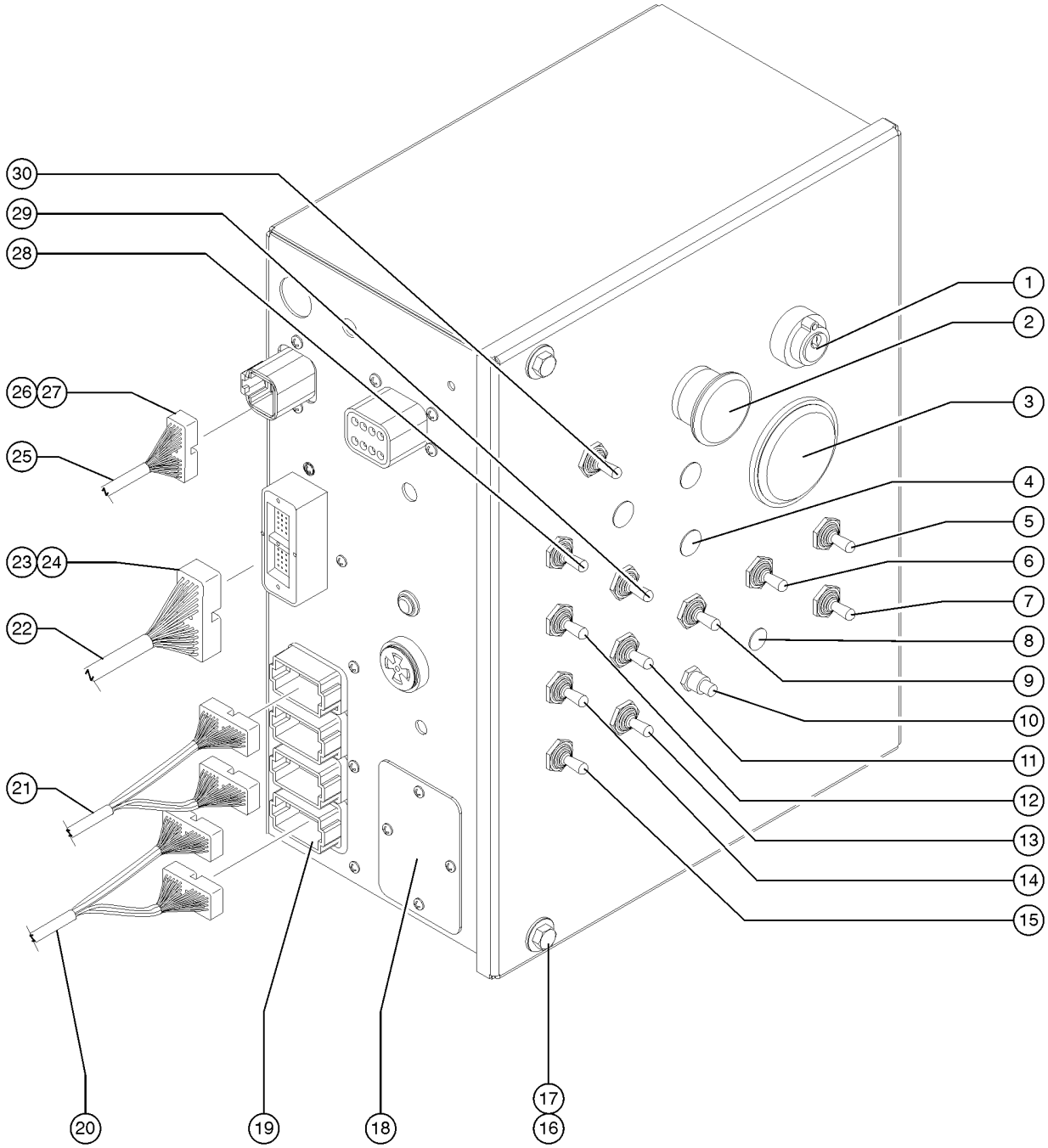
405.1 Turntable Components - View 3



405.1 Turntable Components - View 3

Item	Part No.	Description	Qty.
29	8255GT	SCREW,HHC,3/8-16 X .75	
30	42019GT	TANK BREATHER,NYLON **	1
31	77435GT	STRAP ASSY,29.25LG,W/RUBBER	2
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	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	
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

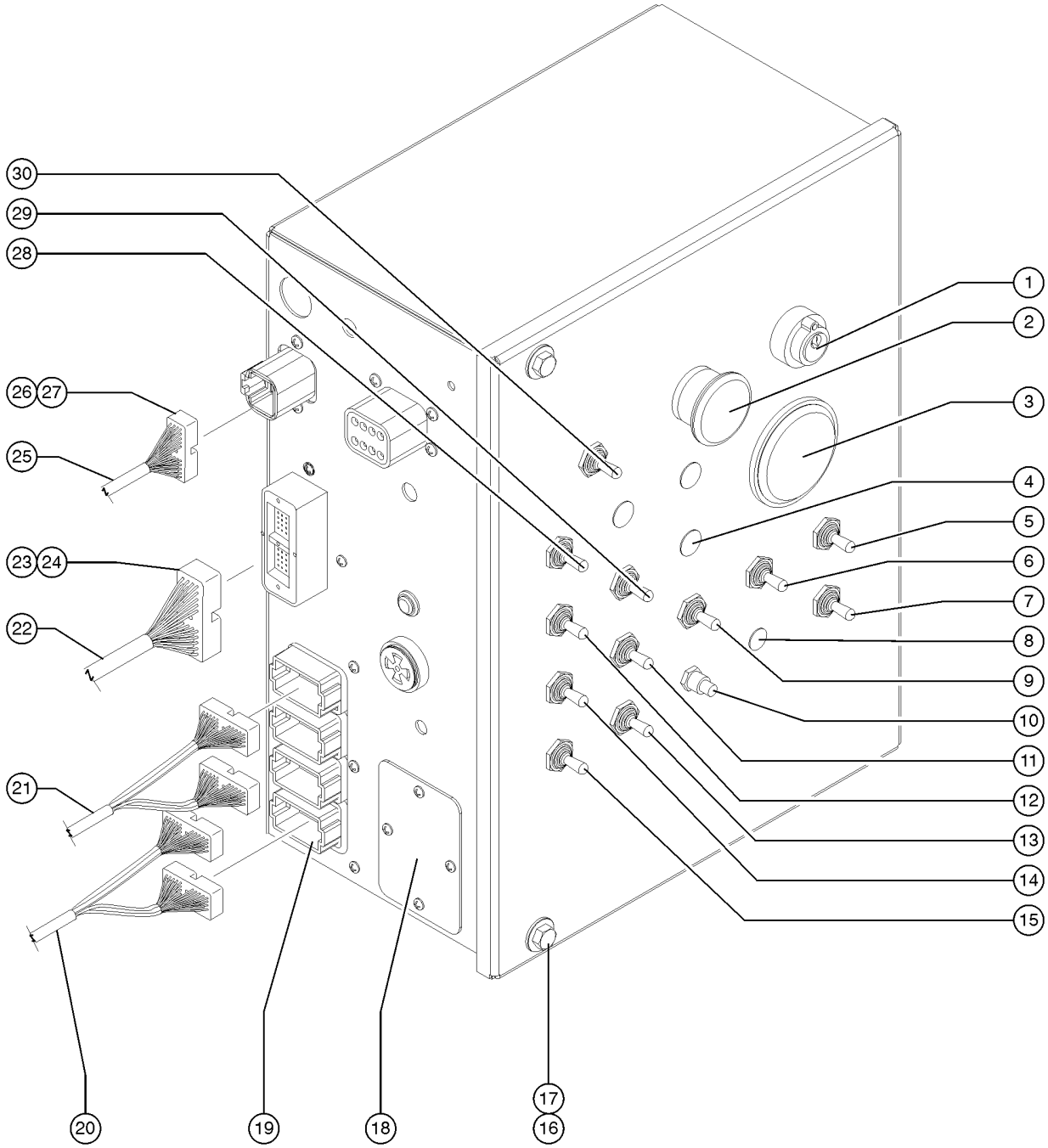
406.1 Ground Control Box - View 1, Z-45/25J



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

Item	Part No.	Description	Qty.
1	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***	
1	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	

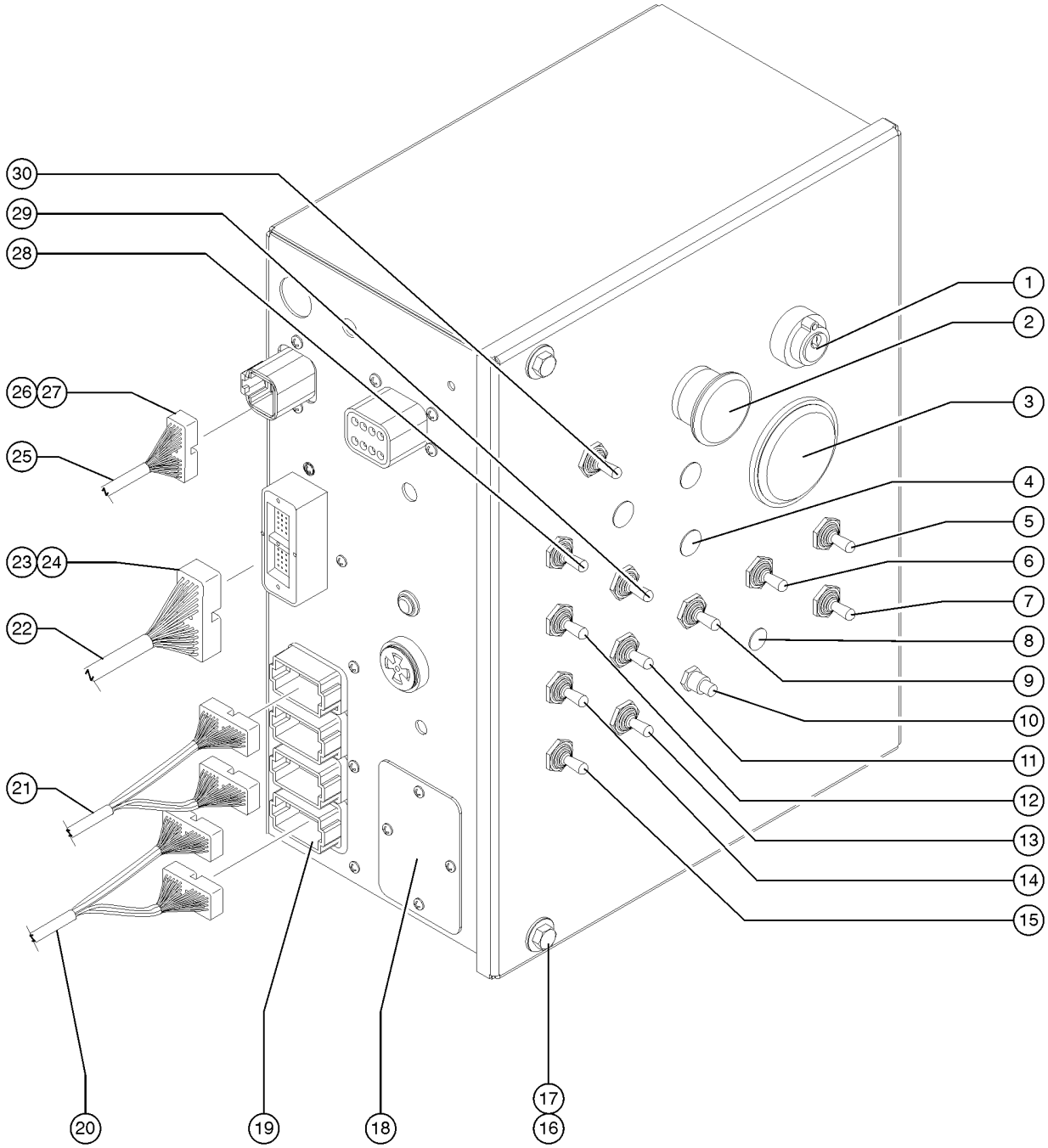
406.1 Ground Control Box - View 1, Z-45/25J



406.1 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	
11	45384GT	PLUG,NYLON .50 BLACK DOMED (Z-45/25) from SN 27000 to 41670	1
11A	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (Z-45/25) from SN 41671	
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 Primary 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	
15-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
16	6090GT	SCREW, HHC, 1/4-20 X .75	

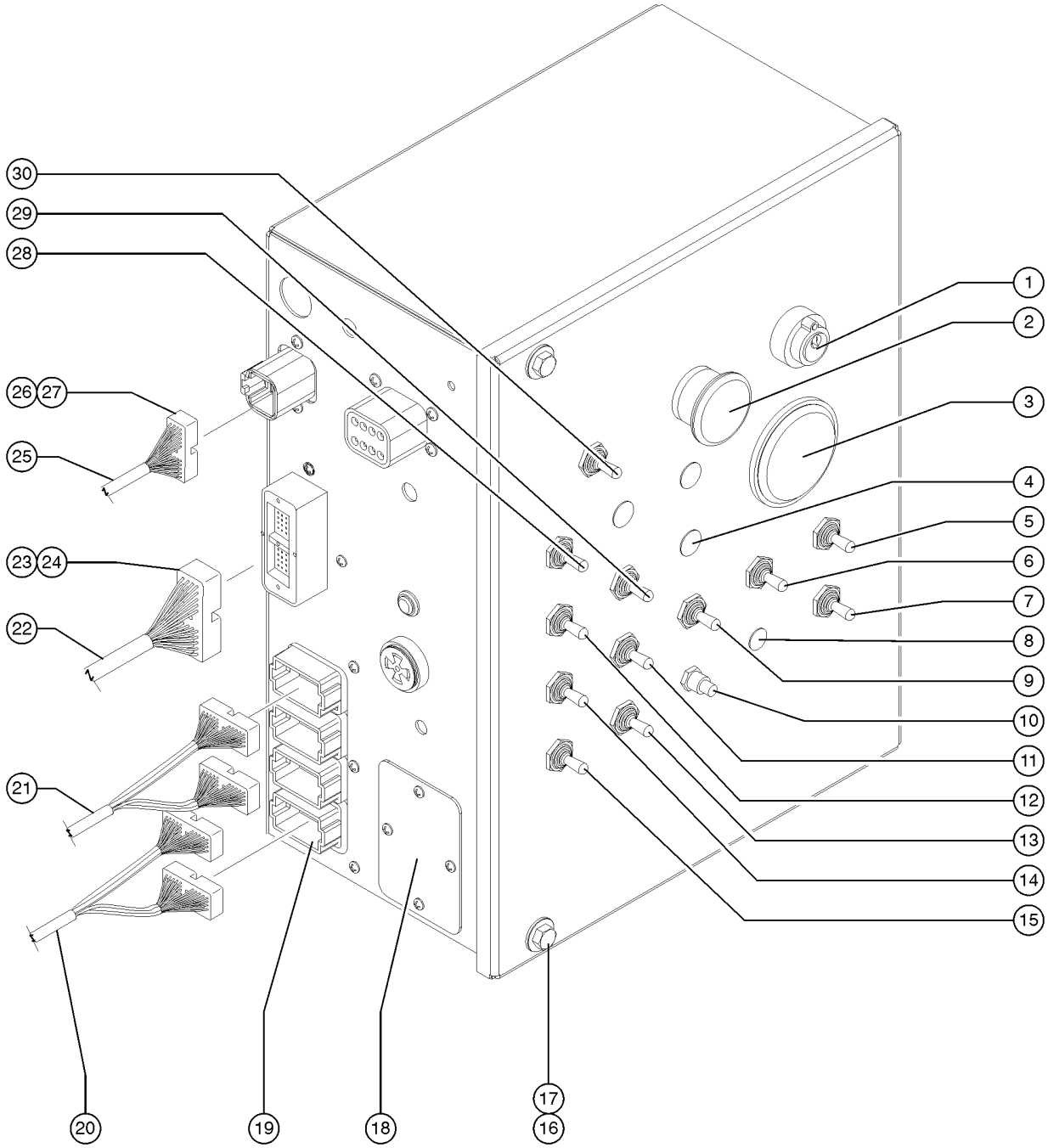
406.1 Ground Control Box - View 1, Z-45/25J



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

Item	Part No.	Description	Qty.
17	6638GT	WASHER, FLAT, USS, 1/4"Y	
18	88691GT	COVER PLATE,CONNECTOR shown; DC models	1
18-		HARNESS,ENGINE,Z45BI Bi-Energy models; refer to section 410.1	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
20	88722-72000GT	HARNESS,18/19,BOOM CABLE #2 (non-jib); gray and black connectors	1
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	
21	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 (Z-45/25); brown and green connectors	1
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
25	88723-71000GT	HARNESS,12/3,12V TO PLAT (Z-45/25)	1
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 Engine Idle; includes boot and hardware	1
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*	

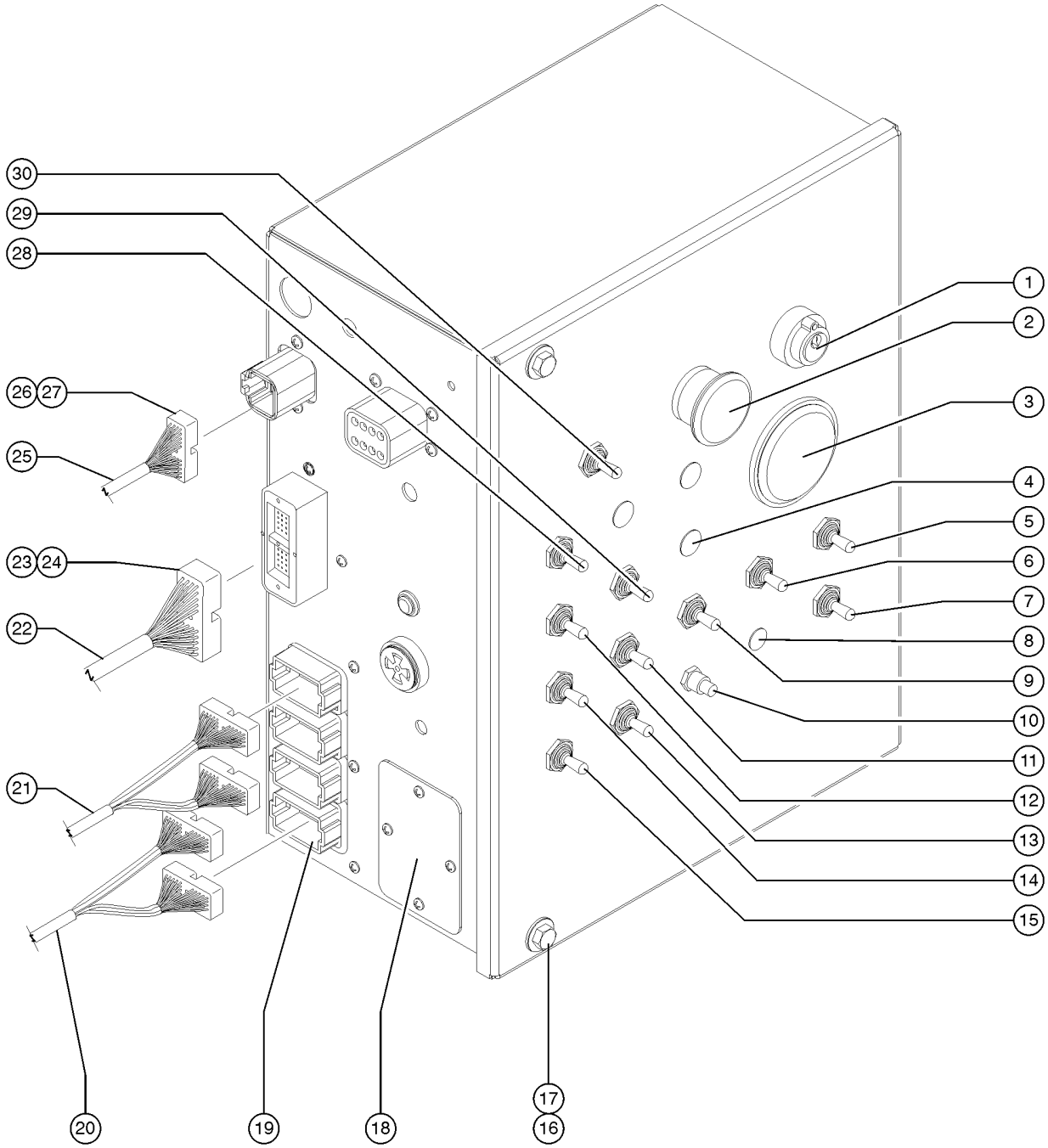
406.1 Ground Control Box - View 1, Z-45/25J



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

Item	Part No.	Description	Qty.
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	

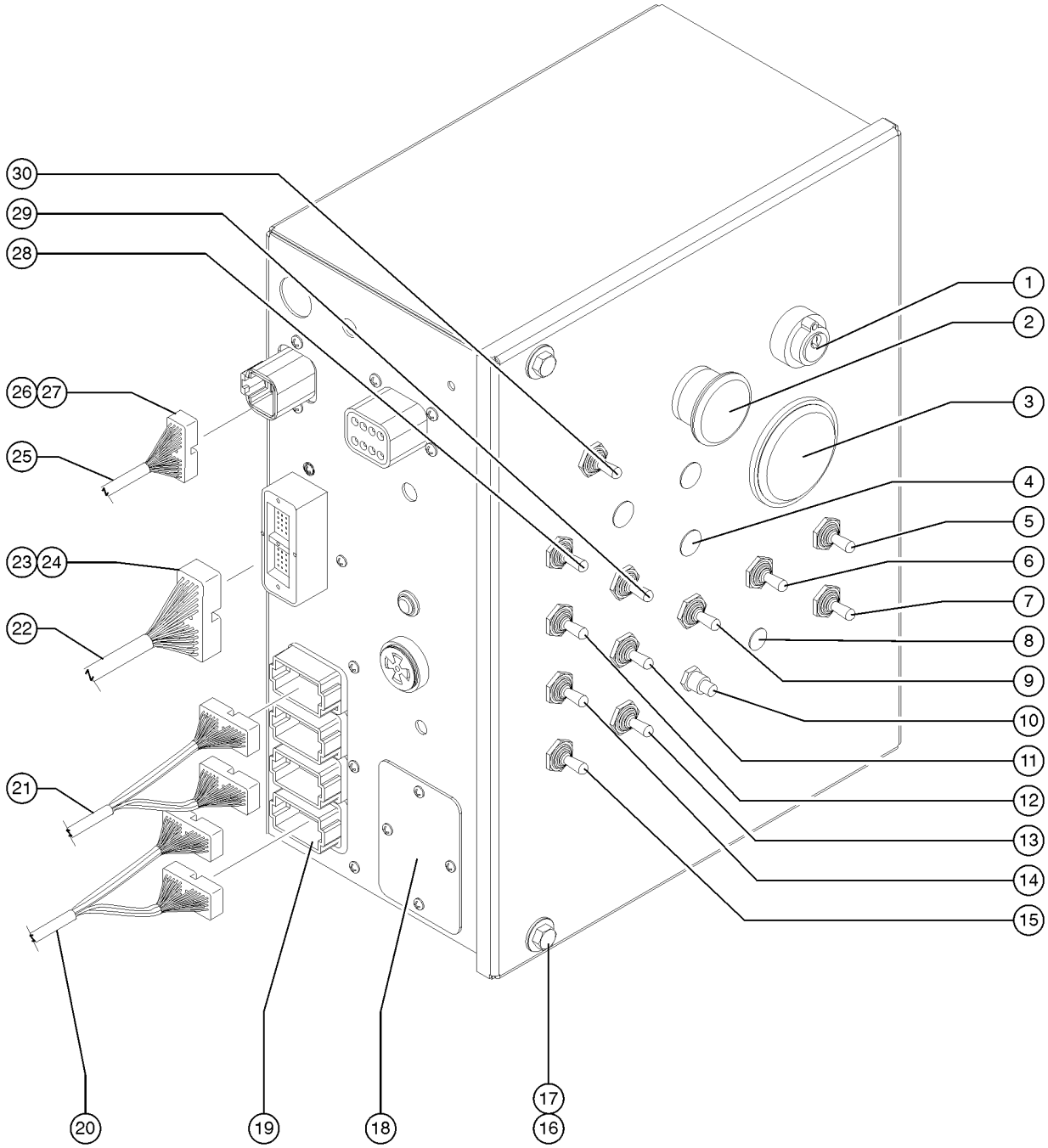
406.2 Ground Control Box - View 1, Z-45/25



406.2 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*** 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	

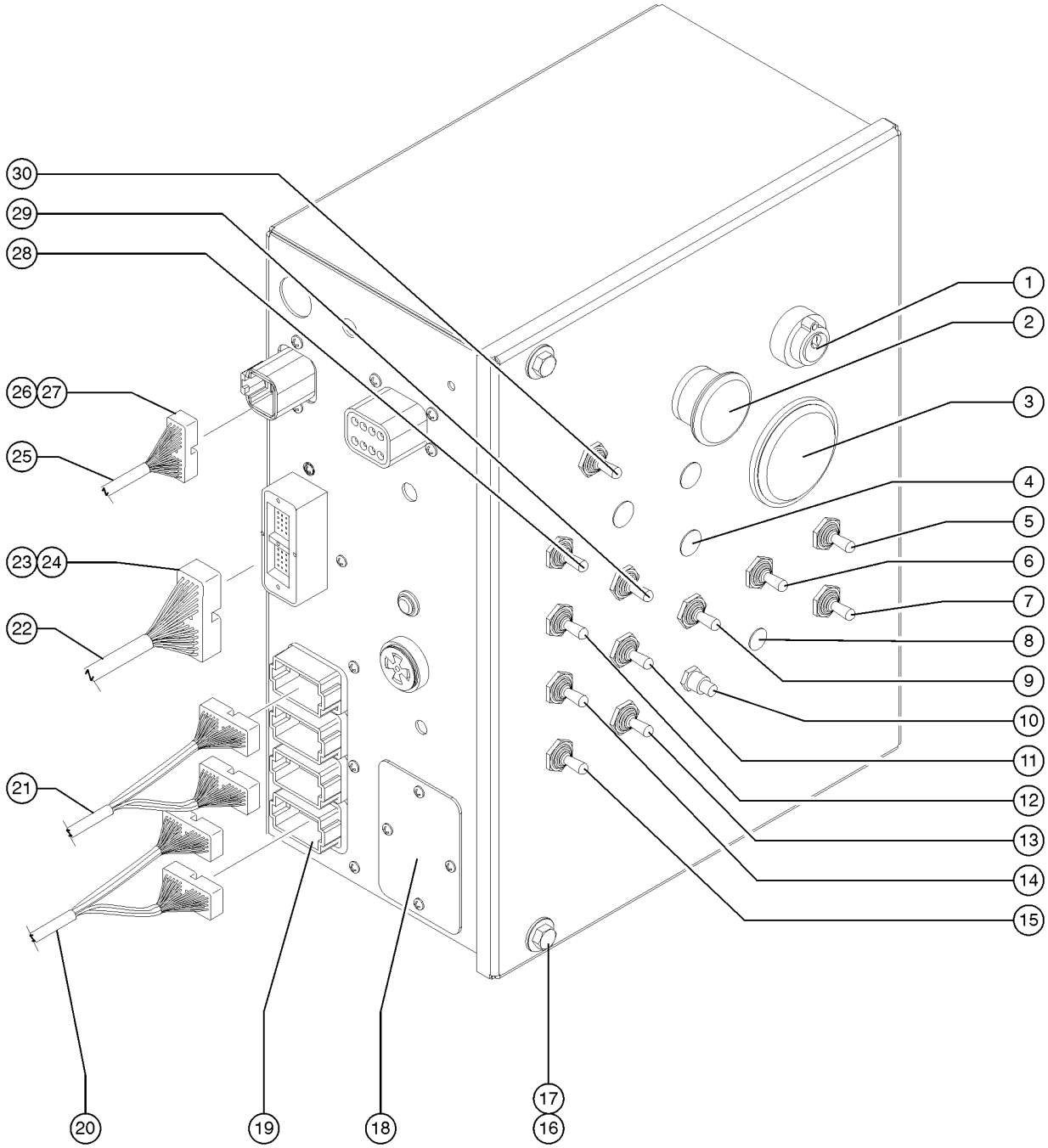
406.2 Ground Control Box - View 1, Z-45/25



406.2 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 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	

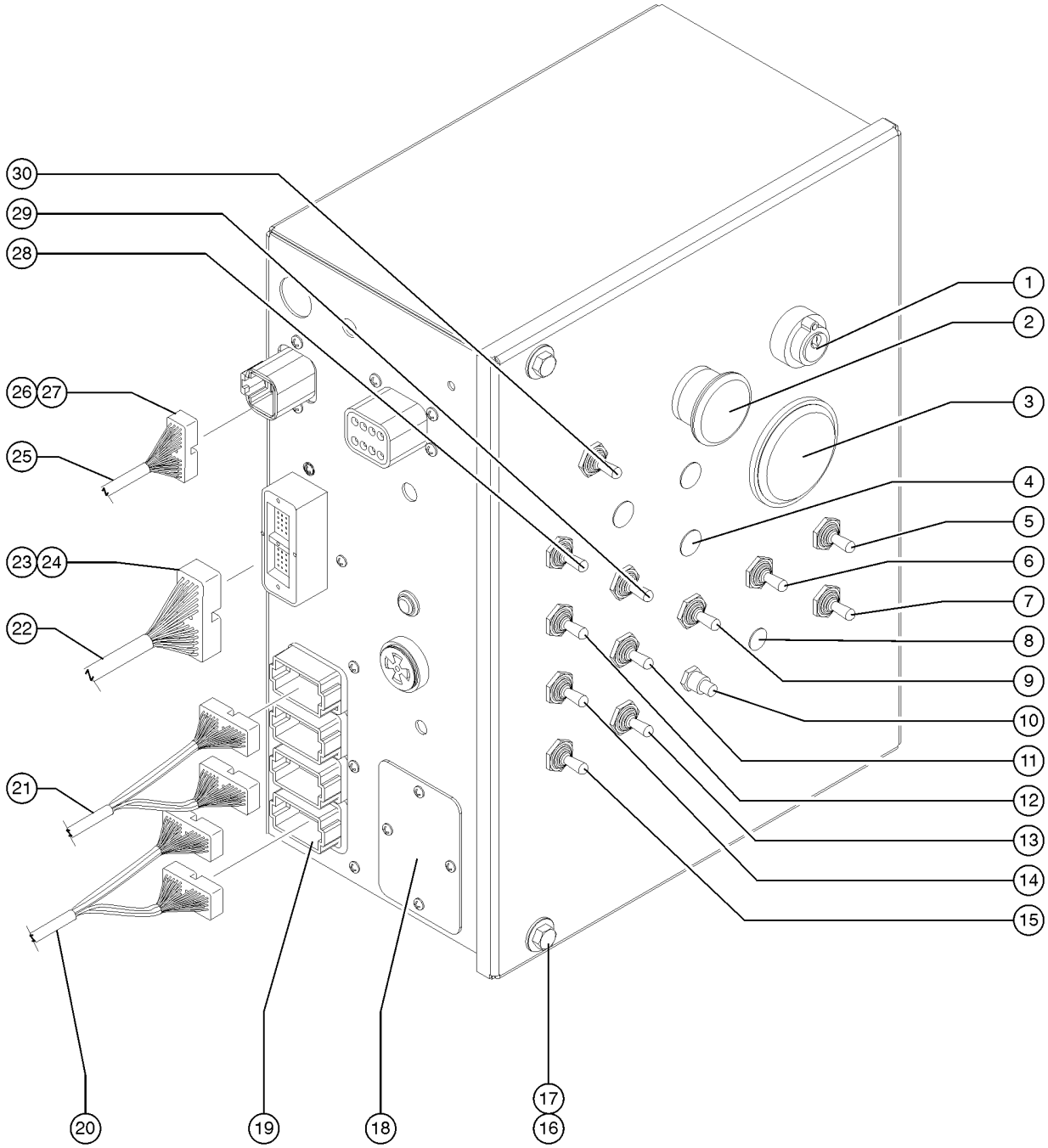
406.2 Ground Control Box - View 1, Z-45/25



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

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 shown; DC models	1
18-		HARNESS,ENGINE,Z45BI Bi-Energy models; refer to section 410.1	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*	

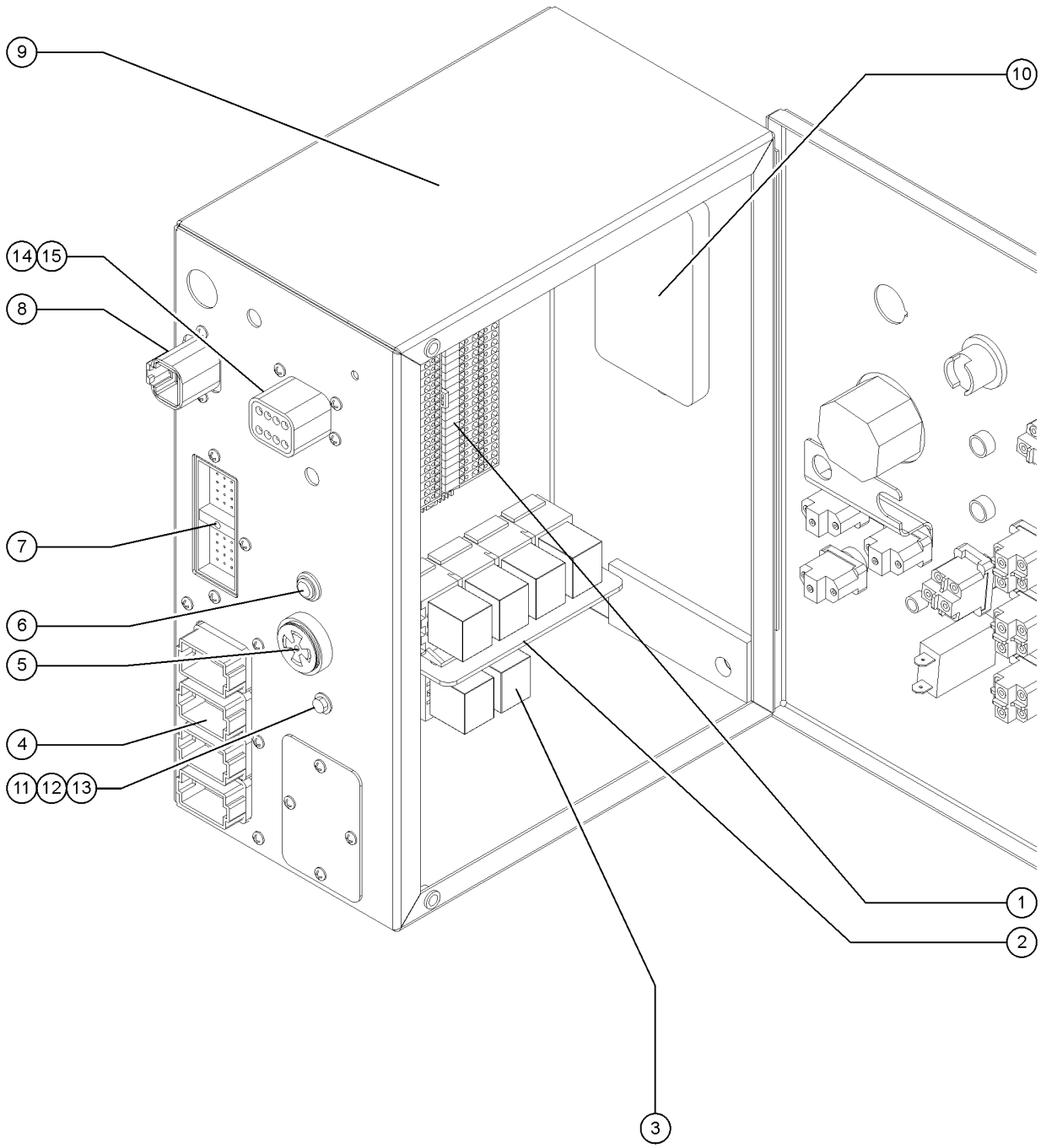
406.2 Ground Control Box - View 1, Z-45/25



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

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

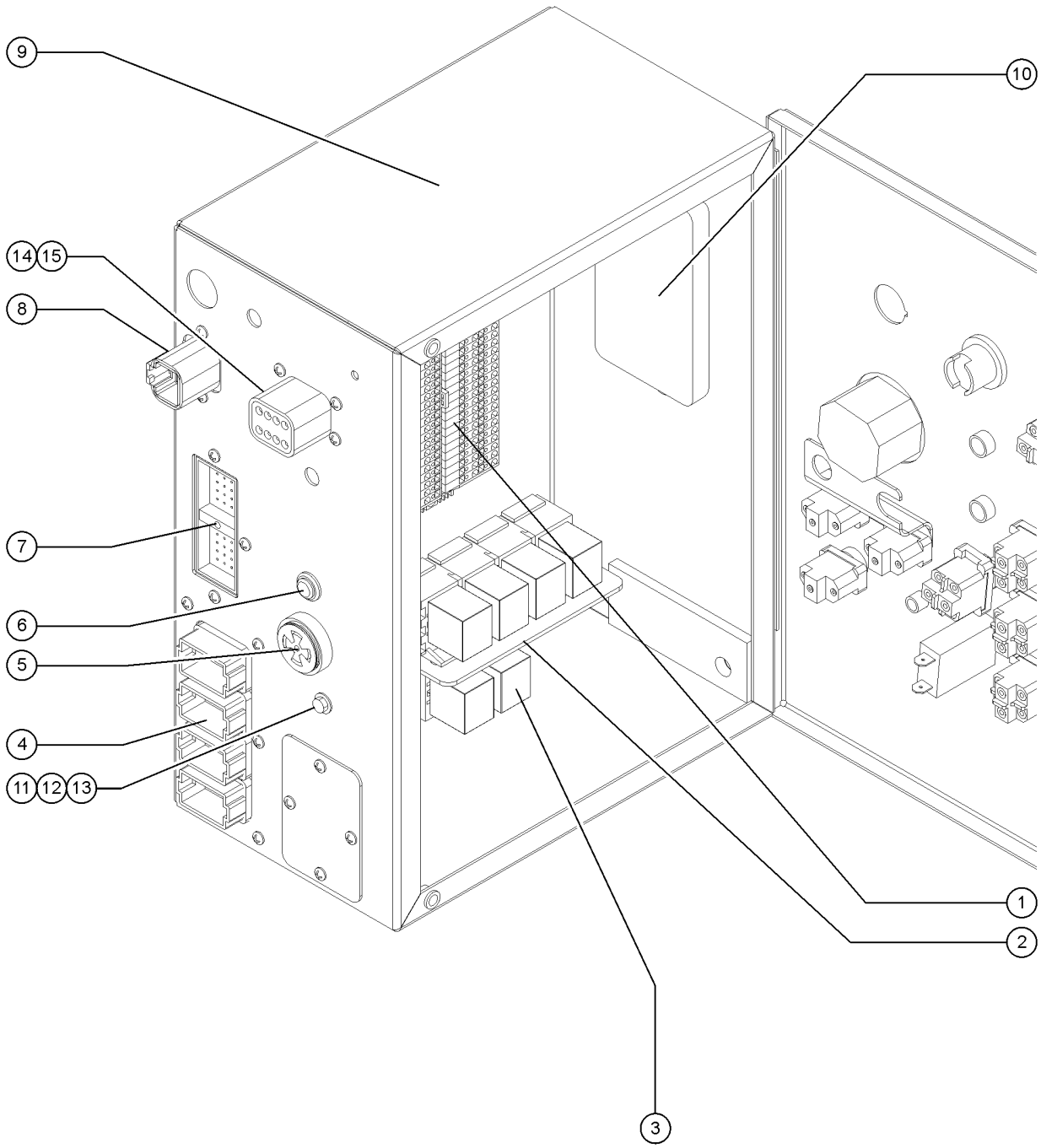
407.1 Ground Control Box - View 2



407.1 Ground Control Box - View 2

Item	Part No.	Description	Qty.
1A		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	
2A	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

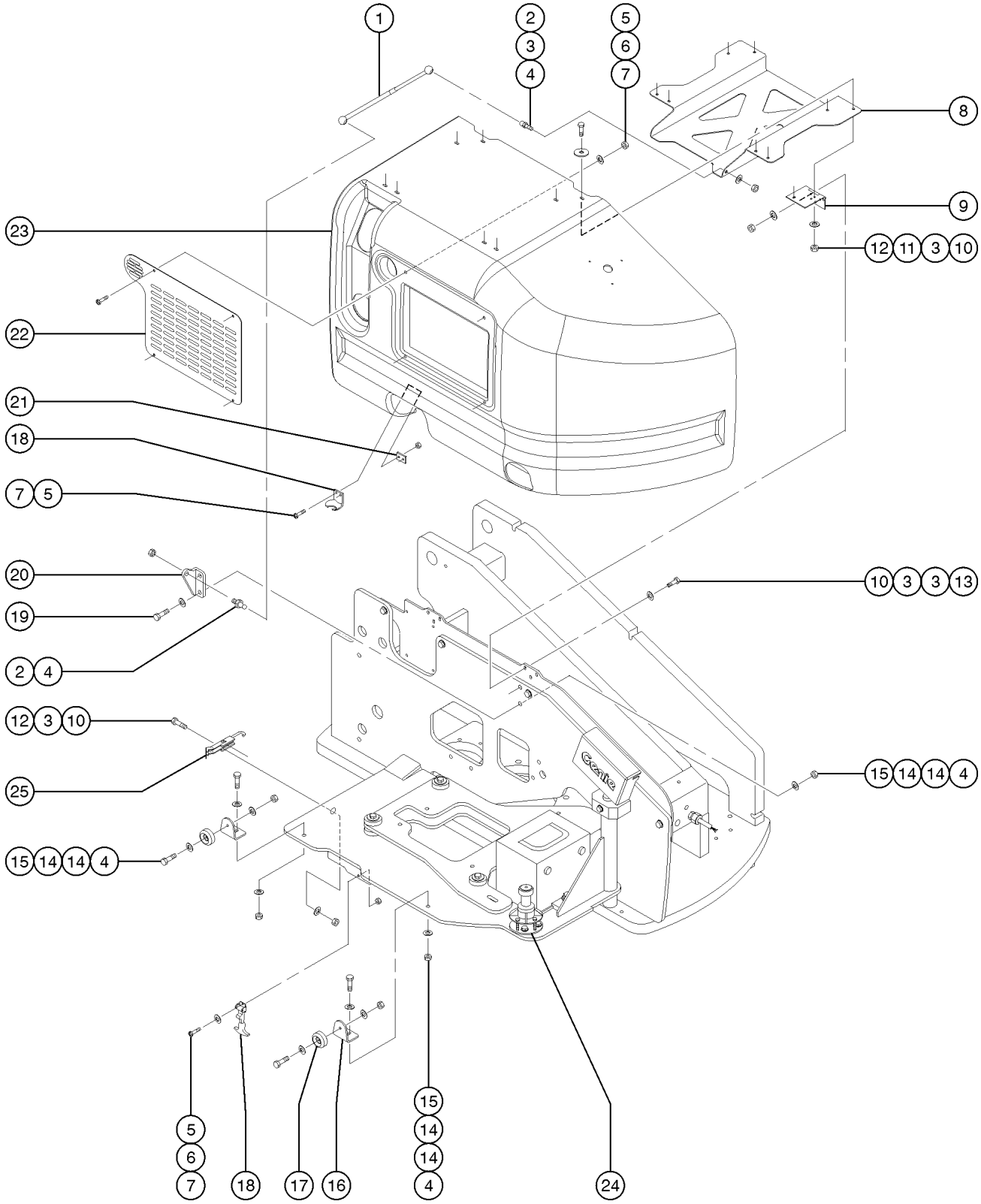
407.1 Ground Control Box - View 2



407.1 Ground Control Box - View 2

Item	Part No.	Description	Qty.
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	
14A	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	

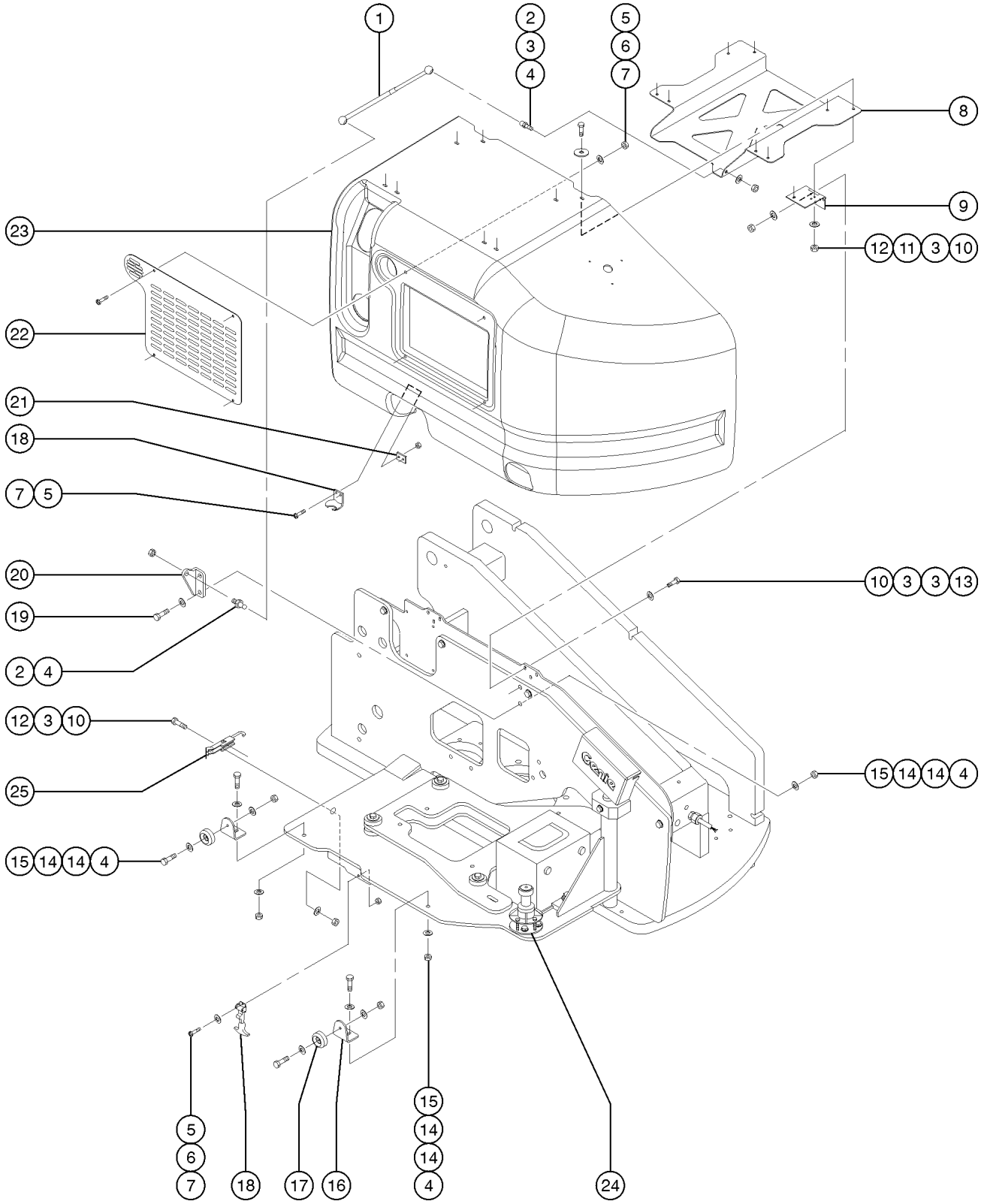
408.1 Turntable Covers - View 1



408.1 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
23A	101860GT	COVER ASSY W/WRD DECALS,LH BI Bi-Energy	1
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)	

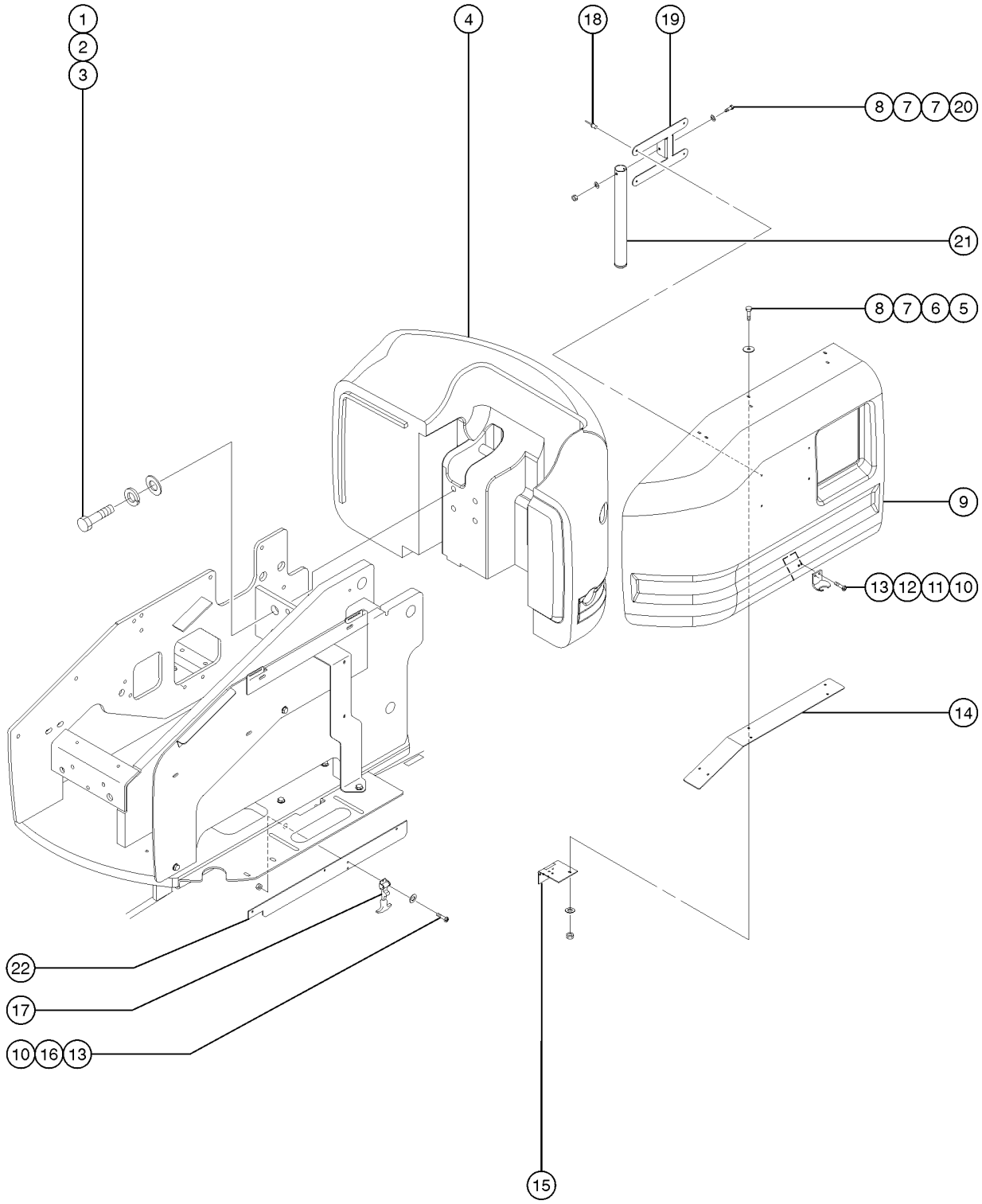
408.1 Turntable Covers - View 1



408.1 Turntable Covers - View 1

Item	Part No.	Description	Qty.
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	
24A	94077GT	SENSOR,LEVEL,4.5 DEG ANSI/CSA/Australia models	1
24B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 CE models to Z45D-1698	
24C	1263187GT	SENSOR, LEVEL,2.5 X 4.5 DEG from Z45D-1699	1
24-	6888GT	SCREW, HHC, 1/4-20 X 1	
24-	6638GT	WASHER, FLAT, USS, 1/4"Y	
24-	6091GT	NUT,NYLOCK,1/4-20	
25		Ref: Adjustable draw latch refer to 301.1	

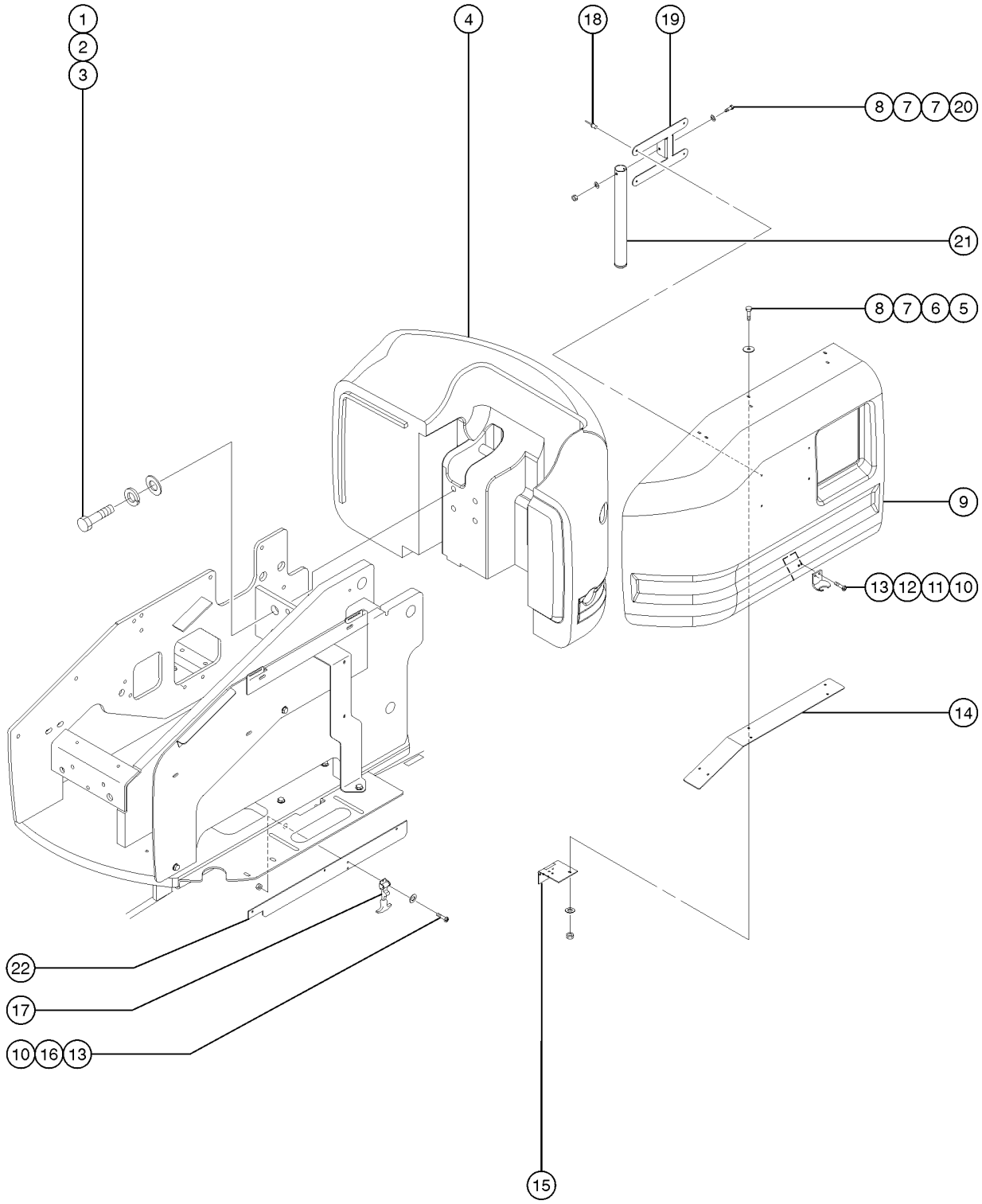
409.1 Turntable Covers - View 2



409.1 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	
4A	50924GT	COUNTERWEIGHT,CAST,Z45 DC (Z-45/25)	
5	6888GT	SCREW, HHC, 1/4-20 X 1	6
6	12906GT	WASHER,FENDER,.25 X 1.25 X.062	6
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	6091GT	NUT,NYLOCK,1/4-20	
9A	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 decals not included, refer to section 1 for decals	
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
22	60015GT	PLATE,DRAW LATCH MOUNT	1
22-	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	3

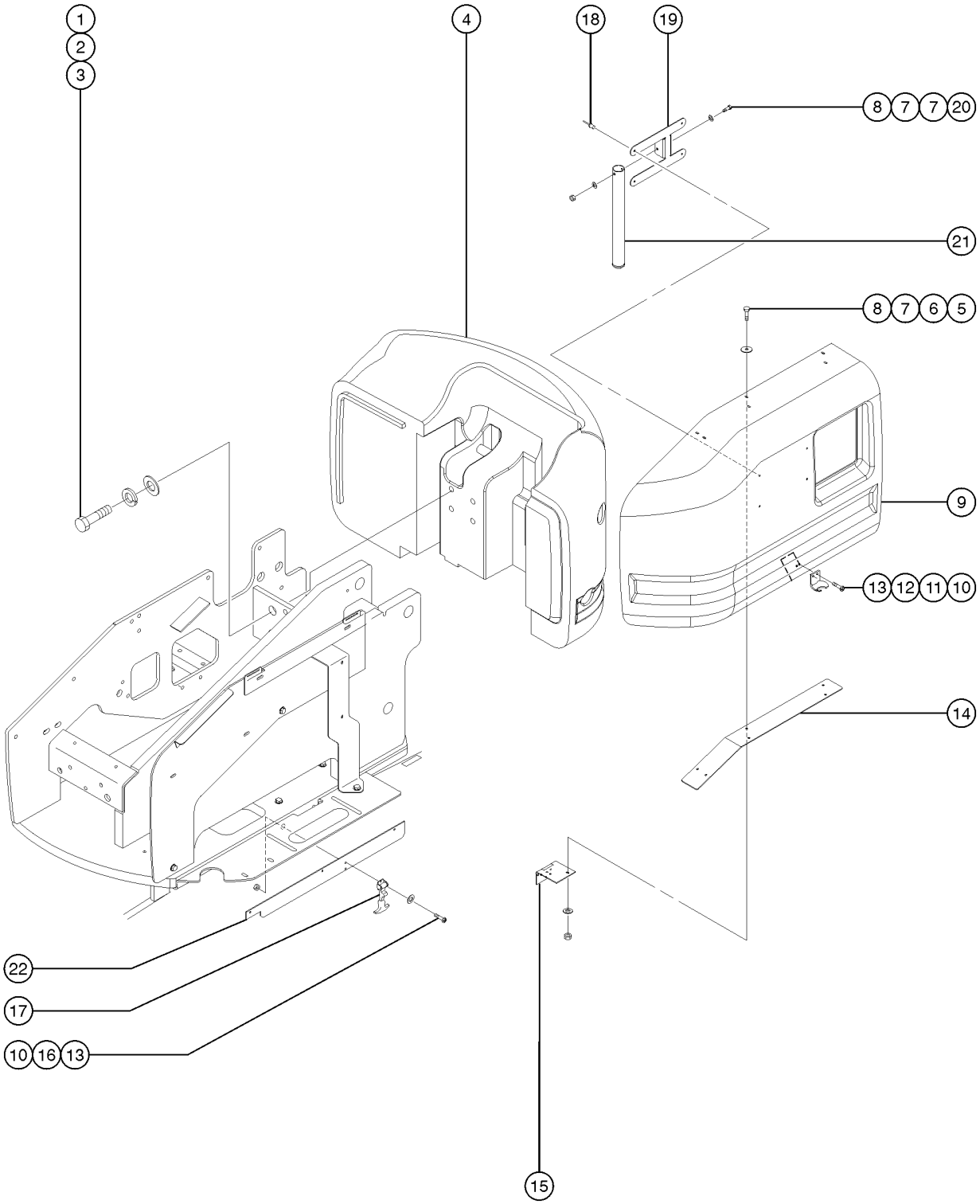
409.1 Turntable Covers - View 2



409.1 Turntable Covers - View 2

Item	*Part No.*	*Description*	*Qty.*
22-	824024GT	NUT, TL, 1/4-20, C, ZAG	3

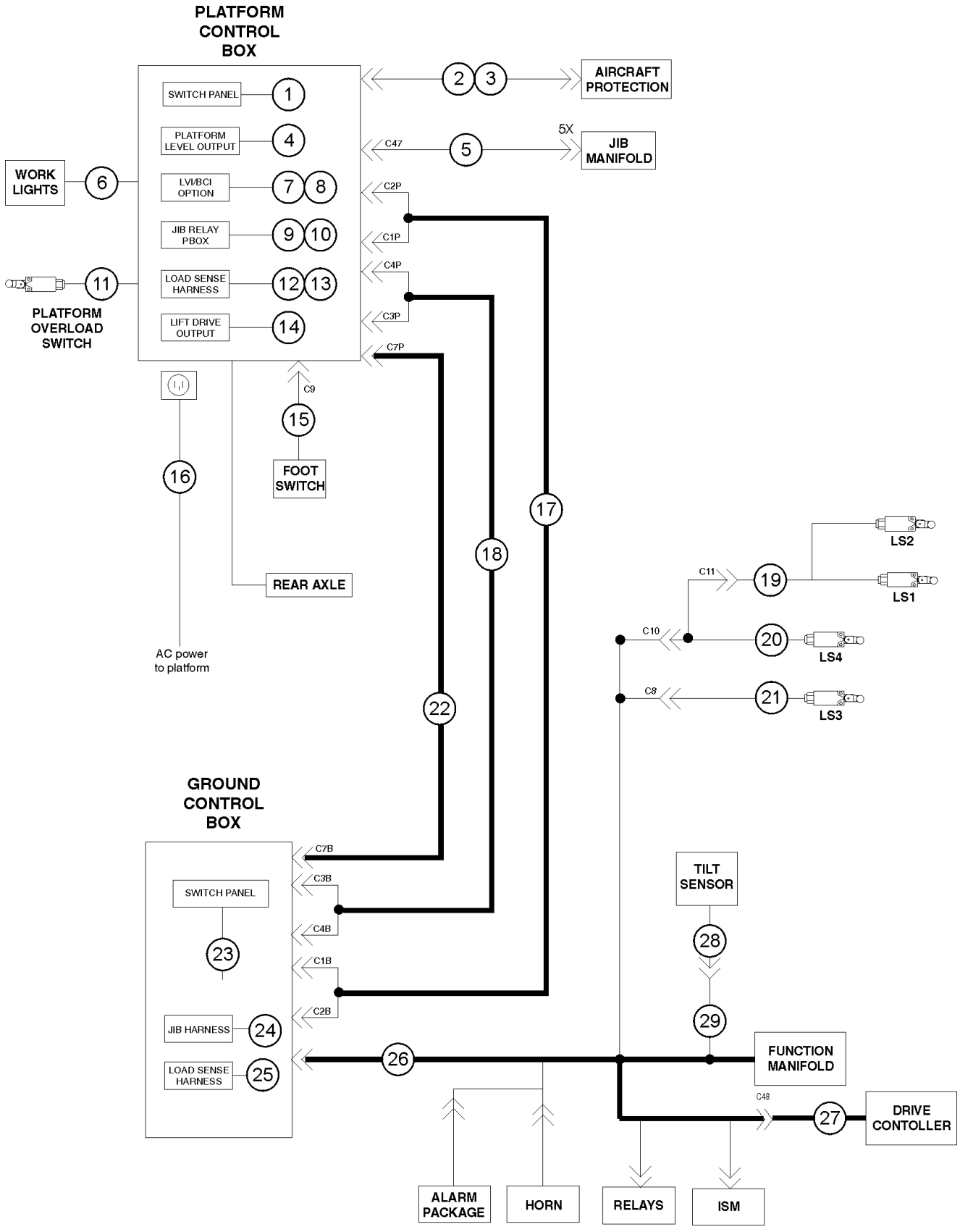
409.1 Turntable Covers - View 2



409.1 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	
9A	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

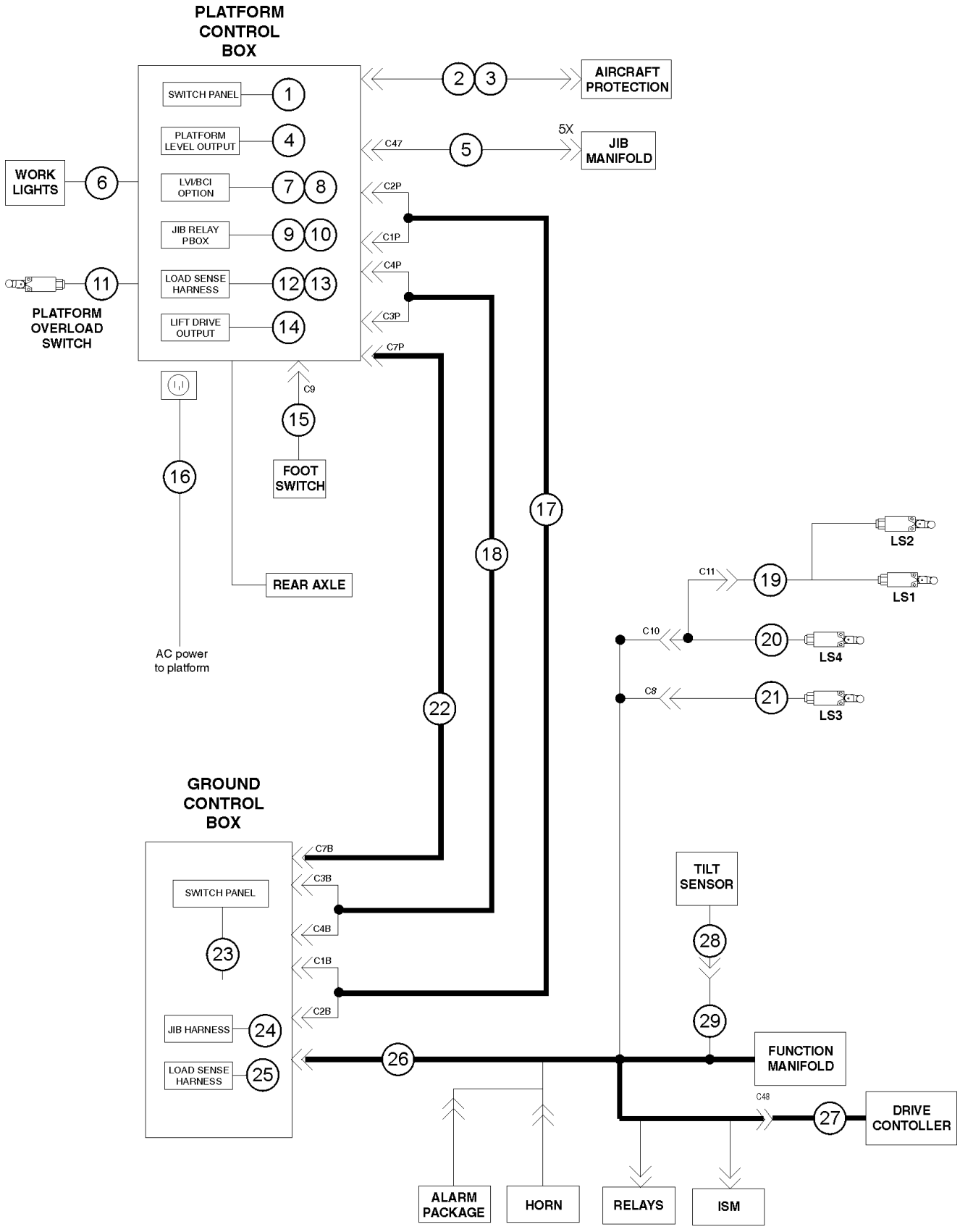
410.1 Wire Harness Diagram - DC Models (to SN Z452515A-53480, Z452515B-4518 and Z452515C-532)



410.1 Wire Harness Diagram - DC Models (to SN Z452515A-53480, Z452515B-4518 and Z452515C-532)

Item	Part No.	Description	Qty.
A	139047GT	HARN ASSY,POWER PACK AP1 (power panel)	
B	19520GT	BATTERY CABLE ASSY,9.5"JUMPER (power panel)	
C	1264822GT	KIT, TRC RETROFIT, STNDRD Telematics (includes 1264834)	
C-	1264834GT	INSTRN, TRC RETROFIT, STNDRD	
1A	128908GT	HARNESS,PBOX,Z45BE (to SN 38912)	1
1B	139126GT	HARNESS,PBOX,Z45DC (from SN 38913 to 45734)	1
1B-	128937GT	RELAY HARN,PBOX STANDARD (from SN 38913 to 45734)	
1B-	128938GT	HARNESS,LIFT/DRIVE CUTOUT,24V (from SN 38913 to 45734)	
1C	234924GT	HARNESS,PBOX,Z45DC/BE (from SN 43735)	1
1C-	234954GT	HARNESS,RELAY,STANDARD (from SN 43735)	
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*	
5A	101080GT	HARNESS,JIB SELECT MANIFOLD (jib models)	1
5B	128939GT	RELAY HARN,PBOX JIB OPTION (jib models)	1
6A	128828GT	HARNESS, Z45DC DRIVE LT, 48V DC models	
7	234958GT	HARNESS,RELAY,LVI	
8	128941GT	HARNESS LVI/BCI ENGAGE II	
9	128939GT	RELAY HARN,PBOX JIB OPTION	
10A		HARNESS,PLATFORM,Z45DC,BI,JIB to SN Z452515A-53324, Z452515B-4573 and Z452515D-326 (no longer available)	
10B	1284282GT	HARNESS,PLAT,Z45DC/BI,JIB from SN Z452515A-53325, Z452515B-4574 and Z452515D-327.	
10B-	56445GT	DIODE,6 AMP 200 PIV,REEL from SN Z452515A-53325, Z452515B-4574 and Z452515D-327.	
11	121848GT	ASSY,LS,LOAD SENSE,38.5 IN	1
12A	216769GT	HARNESS,JUMPER,LOAD SENSE AUS models	
12B	216769GT	HARNESS,JUMPER,LOAD SENSE CE models (from SN 53324)	
13	147432GT	HARNESS, LOAD SENSE CE models (from SN 39314 to 53323)	
14	234956GT	HARNESS,RELAY,LIFT/DR CUTOUT	

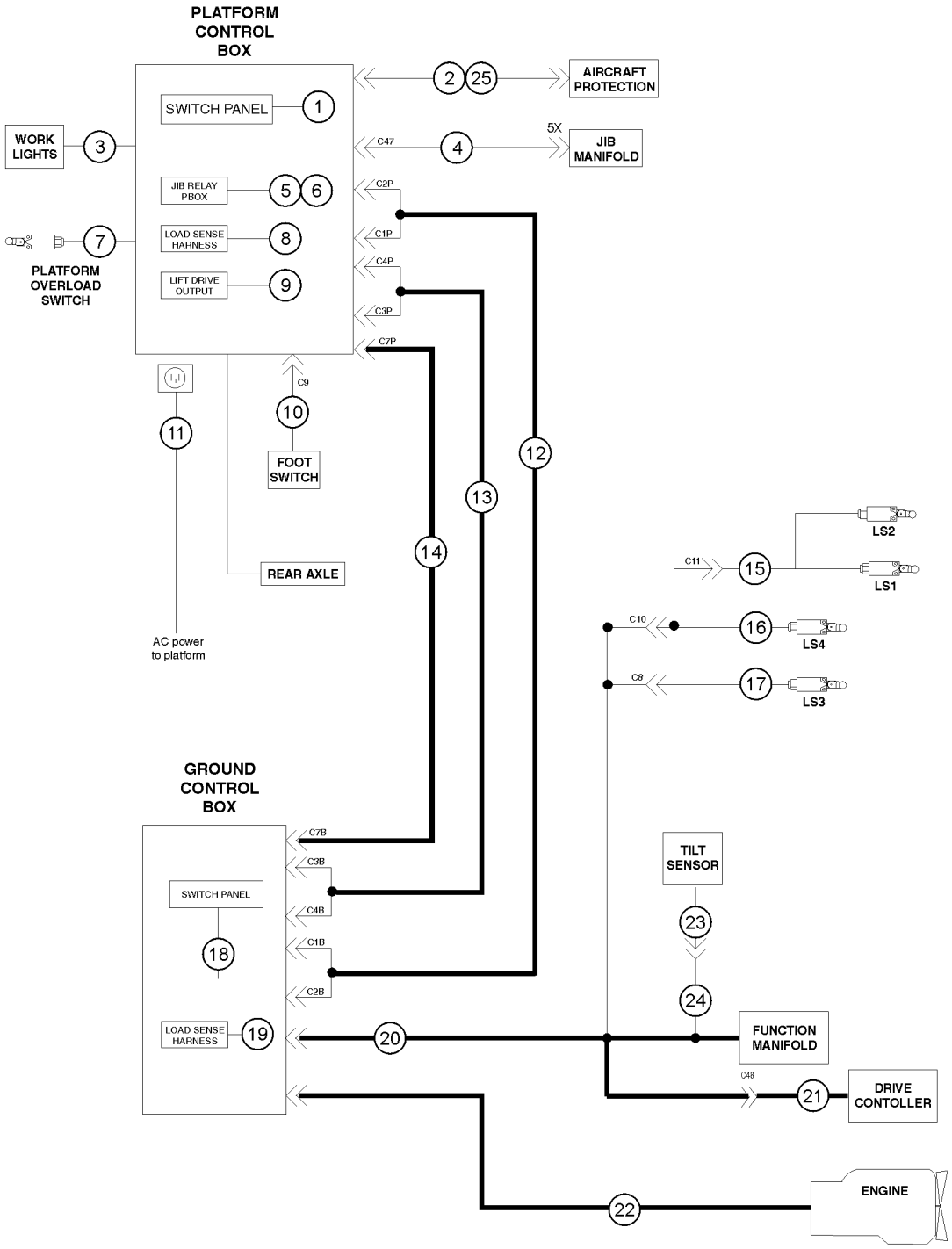
410.1 Wire Harness Diagram - DC Models (to SN Z452515A-53480, Z452515B-4518 and Z452515C-532)



410.1 Wire Harness Diagram - DC Models (to SN Z452515A-53480, Z452515B-4518 and Z452515C-532)

Item	Part No.	Description	Qty.
15	227617GT	ASSEMBLY,FOOT SWITCH (refer to 601.1)	
16	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT* (756 inches)	
17A	88722-72000GT	HARNESS,18/19,BOOM CABLE #2 (non-jib models); gray and black connectors	
17B	88722-70700GT	HARNESS,18/19,BOOM CABLE #2 (jib models); gray and black connectors	
18A	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 (non-jib models); brown and green connectors	
18B	88721-70700GT	HARNESS,18/19 BOOM CABLE #1 (jib models); brown and green connectors	
19	88725GT	HARNESS,LS,PRIM/EXT	1
20	88724GT	HARNESS,LS,PRIM/EXT/SEC	1
21	128816GT	HARN LIMIT SW DE Z45DC/BE	
22A	88723-71000GT	HARNESS,12/3,12V TO PLAT (non-jib models)	
22B	88723-69700GT	HARNESS,12/3,12V TO PLAT (jib models)	
23	94683GT	HARNESS,BASE Z45DC/BE	
24	88717GT	HARNESS,BASE,Z45,BI/DC JIB	
25	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	
26A	88719GT	HARNESS,FUNCTION,Z45 DC/BI (to SN 37283)	
26B	128812GT	HARN FUNCTION MAN Z45DC/BE (from SN 37284 to Z4525A-45250)	
26C	218154GT	HARNESS FUNCTION MANIFOLD from SN Z4525A-45251	1
27A	128814GT	HARN DRIVE CHASSIS Z45DC (from SN Z452508A-37283 to Z452513A-48152 and to Z452513B-3077)	
27B	822777GT	HARNESS, DRIVE CHASSIS, Z45DC (from SN Z452513A-48153 and from Z452513B-3078	1
28	1261450GT	ASSY,RECEP,24V,CSA TILT for CSA models to SN Z452515A-53030	1
29A	1260219GT	HARNESS,TILT ALARM,24V,CSA for CSA models to SN Z452515A-53030	1
29B	1261845GT	HARNESS,TILT 24V,CSA PROD for CSA models from SN Z452515A-53031	
29C	1285812GT	KIT,TILT ALARM,DC AND BI-ENERGY MODELS from SN 52974	
29C-	1285689GT	INSTRUCTIONS,INSTALL (LEVEL SENSOR ALARM) for kit 1285812	

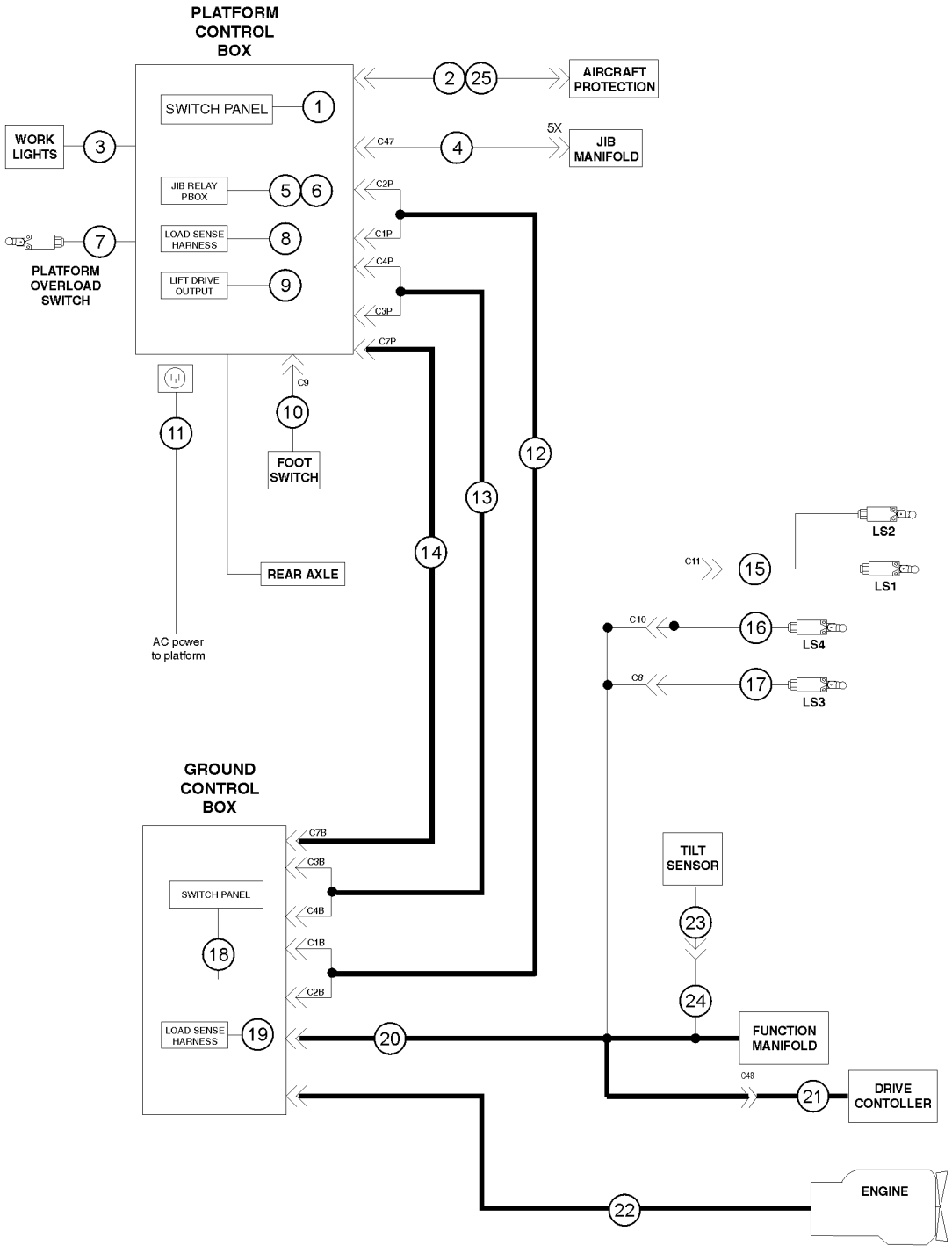
411.1 Wire Harness Diagram - Bi-Energy Models (to SN Z452515A-53480, Z452515B-4518 and Z452515C-532)



411.1 Wire Harness Diagram - Bi-Energy Models (to SN Z452515A-53480, Z452515B-4518 and Z452515C-532)

Item	Part No.	Description	Qty.
A	119985GT	HARNESS,ALARM OPTION,Z45	
B	1264822GT	KIT, TRC RETROFIT, STNDRD Telematics (includes 1264834)	
B-	1264834GT	INSTRN, TRC RETROFIT, STNDRD	
1A	94684GT	HARNESS,PLAT Z45 DC/BE (to SN 38912)	1
1B	128908GT	HARNESS,PBOX,Z45BE (from SN 38913 to 45734)	1
1B-	128937GT	RELAY HARN,PBOX STANDARD (from SN 38913 to 45734)	
1B-	128938GT	HARNESS,LIFT/DRIVE CUTOUT,24V (from SN 38913 to 45734)	
1C	234924GT	HARNESS,PBOX,Z45DC/BE (from SN 43735)	1
1C-	234954GT	HARNESS,RELAY,STANDARD (from SN 43735)	
2	110657GT	HARNESS,PROX.KILL,24V option, aircraft protection	1
2-	27391GT	PROXIMITY SENSOR***	
2-	78098GT	RELAY,24VDC,40/30A,SLD W/BRKT*	
3B	128296GT	HARNESS, Z45BE DRIVE LT, 48V Bi-energy models	
4A	101080GT	HARNESS,JIB SELECT MANIFOLD	1
4B	128939GT	RELAY HARN,PBOX JIB OPTION	1
4B-	56302GT	RELAY,24VDC,40/30A,SEALED***	2
5A	234958GT	HARNESS,RELAY,LVI (non-jib models)	1
5B	128940GT	RELAY HARN,PBOX LVI OPTION (jib models)	1
6	128941GT	HARNESS LVI/BCI ENGAGE II	1
7	121848GT	ASSY,LS,LOAD SENSE,38.5 IN	
8A	147432GT	HARNESS, LOAD SENSE CE models (from SN 39314 to 53323)	1
8B	216769GT	HARNESS,JUMPER,LOAD SENSE CE models (from SN 53324)	
8C	216769GT	HARNESS,JUMPER,LOAD SENSE AUS models	
9	T108109GT	LIFT/DRIVE CUTOUT, Z45/Z51IC	1
10		Ref. Foot Switch (refer to 601.1.1)	1
11	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	756
12A	88722-72000GT	HARNESS,18/19,BOOM CABLE #2 (non-jib models); gray and black connectors	1
12B	88722-70700GT	HARNESS,18/19,BOOM CABLE #2 (jib models); gray and black connectors	1

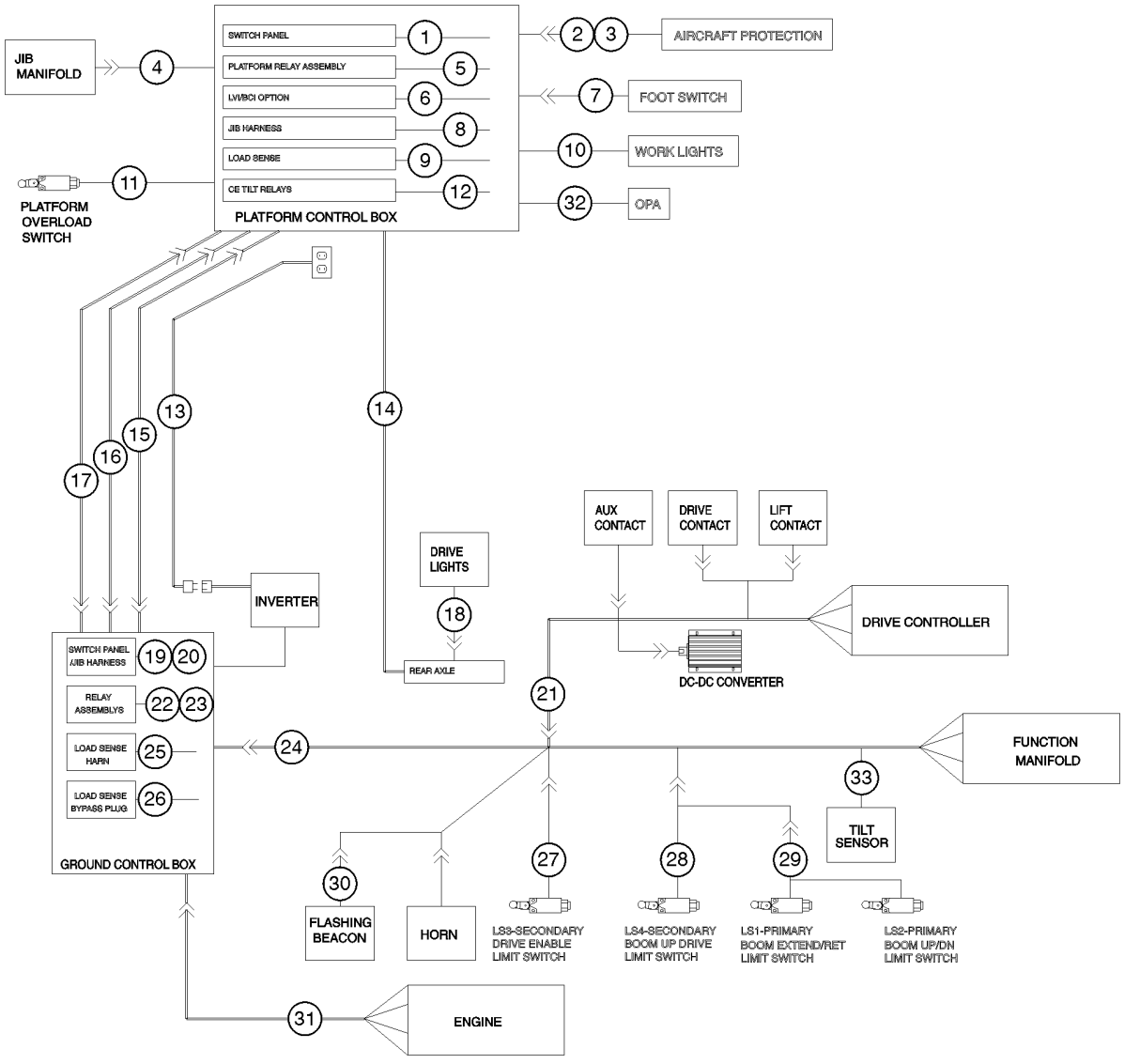
411.1 Wire Harness Diagram - Bi-Energy Models (to SN Z452515A-53480, Z452515B-4518 and Z452515C-532)



411.1 Wire Harness Diagram - Bi-Energy Models (to SN Z452515A-53480, Z452515B-4518 and Z452515C-532)

Item	Part No.	Description	Qty.
13A	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 (non-jib models); brown and green connectors	1
13B	88721-70700GT	HARNESS,18/19 BOOM CABLE #1 (jib models); brown and green connectors	1
14A	88723-71000GT	HARNESS,12/3,12V TO PLAT (non-jib models)	1
14B	88723-69700GT	HARNESS,12/3,12V TO PLAT (jib models)	1
15	88725GT	HARNESS,LS,PRIM/EXT	1
16	88724GT	HARNESS,LS,PRIM/EXT/SEC	1
17	128816GT	HARN LIMIT SW DE Z45DC/BE	1
18A	94683GT	HARNESS,BASE Z45DC/BE	1
19	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	1
20A	88719GT	HARNESS,FUNCTION,Z45 DC/BI (to SN 37282)	1
20B	128812GT	HARN FUNCTION MAN Z45DC/BE (from SN 37283 to Z452514A-45250)	1
20C	218154GT	HARNESS FUNCTION MANIFOLD (from SN Z452514A-45251)	
21A	128815GT	HARN DRIVE CHASSIS Z45BE (from 37283 to 45734)	1
21B	822778GT	HARNESS, DRIVE CHASSIS, Z45BE (from 45735)	1
22A	88718GT	HARNESS,ENGINE,Z45BI (to 38211)	1
22B	139368GT	HARNESS,ENGINE,Z45BE (from 38212)	1
23	1261450GT	ASSY,RECEP,24V,CSA TILT for CSA models to SN Z452515A-53030	1
24A	1260219GT	HARNESS,TILT ALARM,24V,CSA for CSA models to SN Z452515A-53030	1
24B	1261845GT	HARNESS,TILT 24V,CSA PROD for CSA models from SN Z452515A-53031	
24C	1285812GT	KIT,TILT ALARM,DC AND BI-ENERGY MODELS from SN 52974	
24C-	1285689GT	INSTRUCTIONS,INSTALL (LEVEL SENSOR ALARM) for kit 1285812	
25	1266606GT	HARN, AC PROTECTION BYPASS option, aircraft protection	1

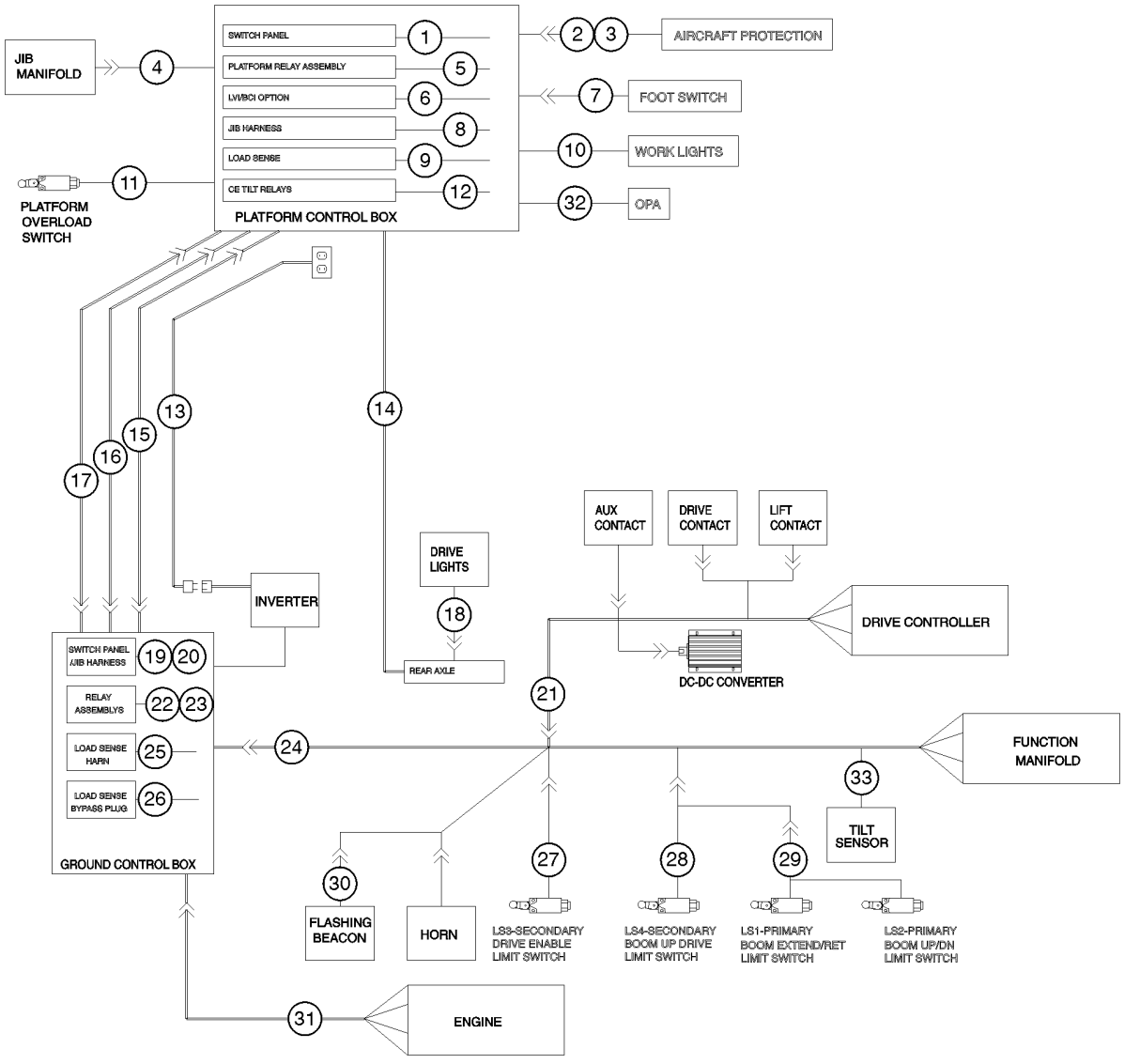
412.1 Wire Harness Diagram - DC and Bi-Energy Models (from SN Z452515A-53481, Z452515B-4519 and Z452515C-533), Z-45/25



412.1 Wire Harness Diagram - DC and Bi-Energy Models (from SN Z452515A-53481, Z452515B-4519 and Z452515C-533), Z-45/25

Item	Part No.	Description	Qty.
B	1264822GT	KIT, TRC RETROFIT, STNDRD Telematics (includes 1264834)	
B-	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
4	101080GT	HARNESS,JIB SELECT MANIFOLD	1
5	1261221GT	HARN,RELAY Z45DC/BE,PBOX	1
6	128941GT	HARNESS LVI/BCI ENGAGE II	1
7		REF: Foot Switch refer to 602.1	1
8A		HARNESS,PLATFORM,Z45DC,BI,JIB to SN Z452515A-53324 (no longer available)	1
8B	1284282GT	HARNESS,PLAT,Z45DC/BI,JIB from SN Z452515A-53325	
8B-	56445GT	DIODE,6 AMP 200 PIV,REEL from SN Z452515A-53325	
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
13A	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL non-jib models	756
14	823774GT	HARNESS, 48V DRIVE LIGHTS option	1
15A	88723-71000GT	HARNESS,12/3,12V TO PLAT non-jib models	1
16A	88722-72000GT	HARNESS,18/19,BOOM CABLE #2 non-jib models; gray and black connectors	1
17A	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 non-jib models; brown and green connectors	1
18	823774GT	HARNESS, 48V DRIVE LIGHTS option	1
19A	1259323GT	HARNESS,BASE BOX Z45BI-ENERGY models	1
19B	1259322GT	HARNESS,BASE BOX Z45DC models	
21A	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	1
23A	1261899GT	HARNESS,Z45DC,TELEMATICS READY DC models	1

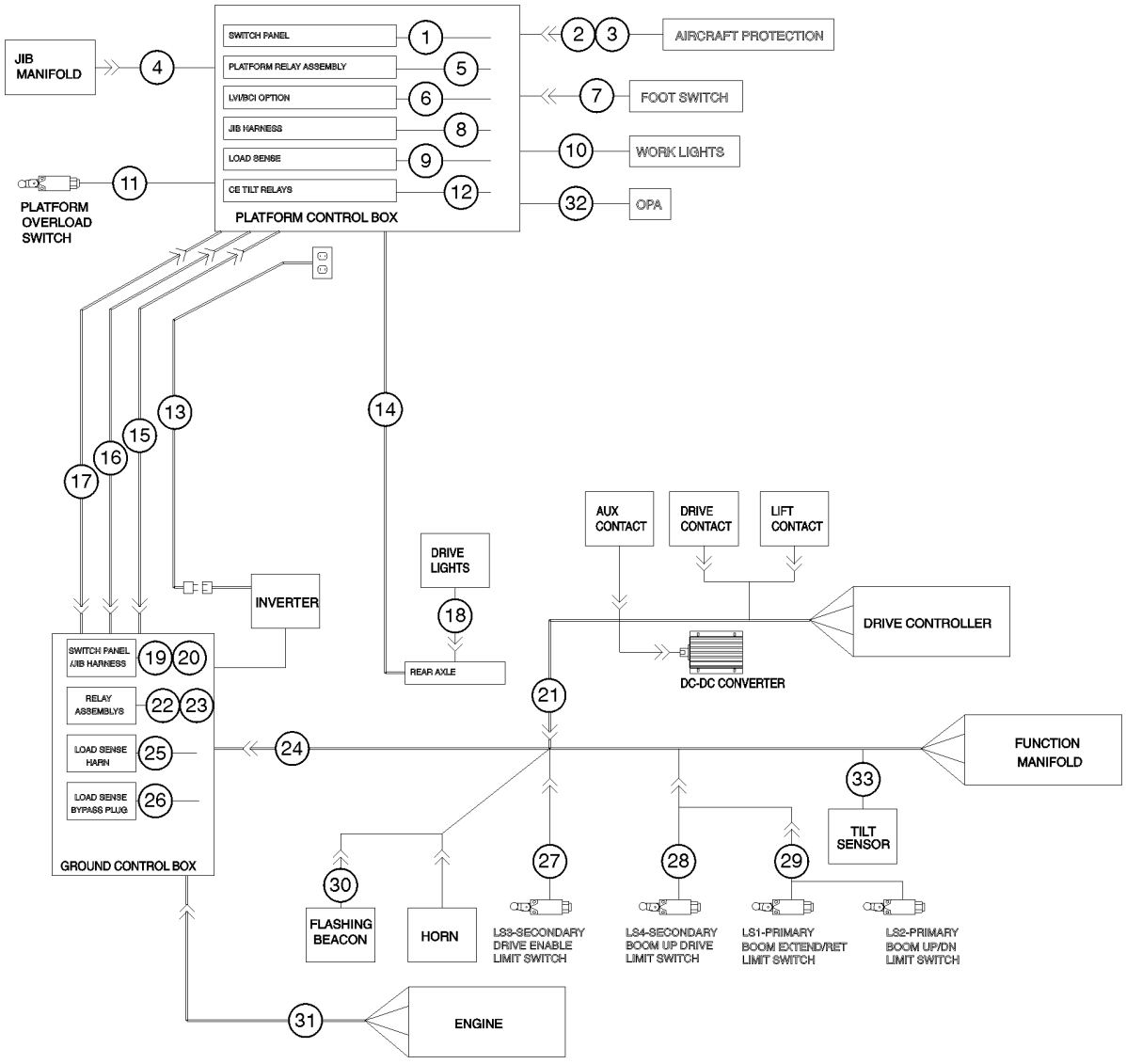
412.1 Wire Harness Diagram - DC and Bi-Energy Models (from SN Z452515A-53481, Z452515B-4519 and Z452515C-533), Z-45/25



412.1 Wire Harness Diagram - DC and Bi-Energy Models (from SN Z452515A-53481, Z452515B-4519 and Z452515C-533), Z-45/25

Item	*Part No.*	*Description*	*Qty.*
23B	1261900GT	HARNESS,Z45BE,TELEMATICS READY Bi-Energy models	1
24	128812GT	HARN FUNCTION MAN Z45DC/BE	1
25	1260173GT	HARNESS ASSY, RELAY, CE CE models	1
26	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	1
27	128816GT	HARN LIMIT SW DE Z45DC/BE	1
28	88724GT	HARNESS,LS,PRIM/EXT/SEC	1
29	88725GT	HARNESS,LS,PRIM/EXT	1
30		REF: Flashing Beacon refer to 901.1	1
31	139368GT	HARNESS,ENGINE,Z45BE Bi-Energy models	1
32A	1255858GT	HARN,PBOX,OPA,HW,24V option	1
32B	1255030GT	PLUG,BLANKING	1
33	1261845GT	HARNESS,TILT 24V,CSA PROD for CSA models from SN Z452515A-53031	
16-	1285812GT	KIT,TILT ALARM,DC AND BI-ENERGY MODELS from SN 52974	
16-	1285689GT	INSTRUCTIONS,INSTALL (LEVEL SENSOR ALARM) for kit 1285812	

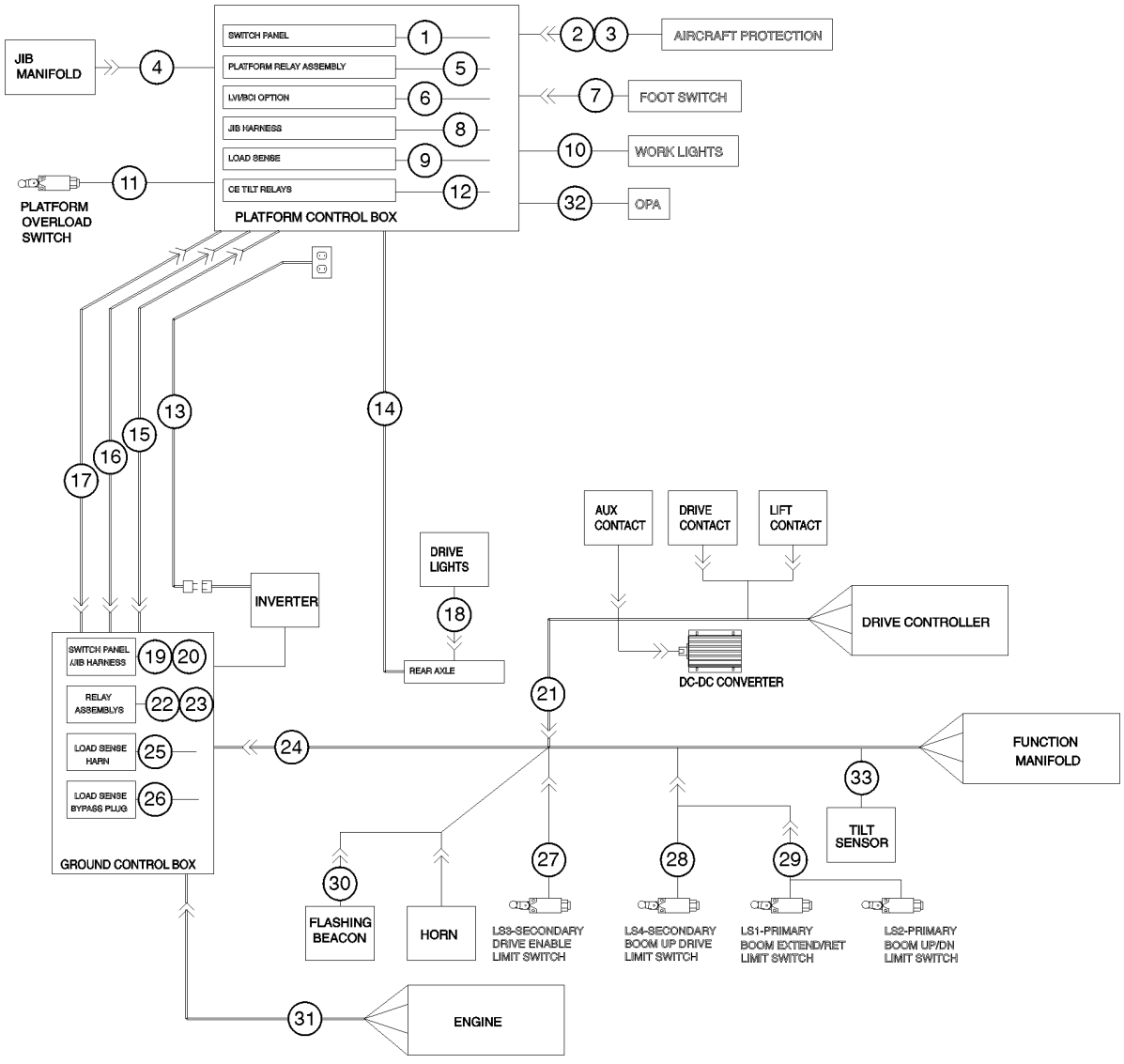
412.2 Wire Harness Diagram - DC and Bi-Energy Models (from SN Z452515A-53481, Z452515B-4519 and Z452515C-533), Z-45/25J



412.2 Wire Harness Diagram - DC and Bi-Energy Models (from SN Z452515A-53481, Z452515B-4519 and Z452515C-533), Z-45/25J

Item	*Part No.*	*Description*	*Qty.*
B	1264822GT	KIT, TRC RETROFIT, STNDRD Telematics (includes 1264834)	
B-	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	1
7		REF: Foot Switch refer to 601.1	1
8A		HARNESS,PLATFORM,Z45DC,BI,JIB to SN Z452515A-53324, Z452515B-4573 and Z452515D-326 (no longer available)	1
8B	1284282GT	HARNESS,PLAT,Z45DC/BI,JIB from SN Z452515A-53325, Z452515B-4574 and Z452515D-327.	
8B-	56445GT	DIODE,6 AMP 200 PIV,REEL from SN Z452515A-53325, Z452515B-4574 and Z452515D-327.	
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
13B	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL jib models	732 inches
14	823774GT	HARNESS, 48V DRIVE LIGHTS option	1
15B	88723-69700GT	HARNESS,12/3,12V TO PLAT jib models	1
16B	88722-70700GT	HARNESS,18/19,BOOM CABLE #2 jib models	1
17B	88721-70700GT	HARNESS,18/19 BOOM CABLE #1 jib models	1
18	823774GT	HARNESS, 48V DRIVE LIGHTS option	1
19A	1259323GT	HARNESS,BASE BOX Z45BI-ENERGY models	1
19B	1259322GT	HARNESS,BASE BOX Z45DC models	
20	1262512GT	HARNESS, JIB, BASE BOX jib models	1

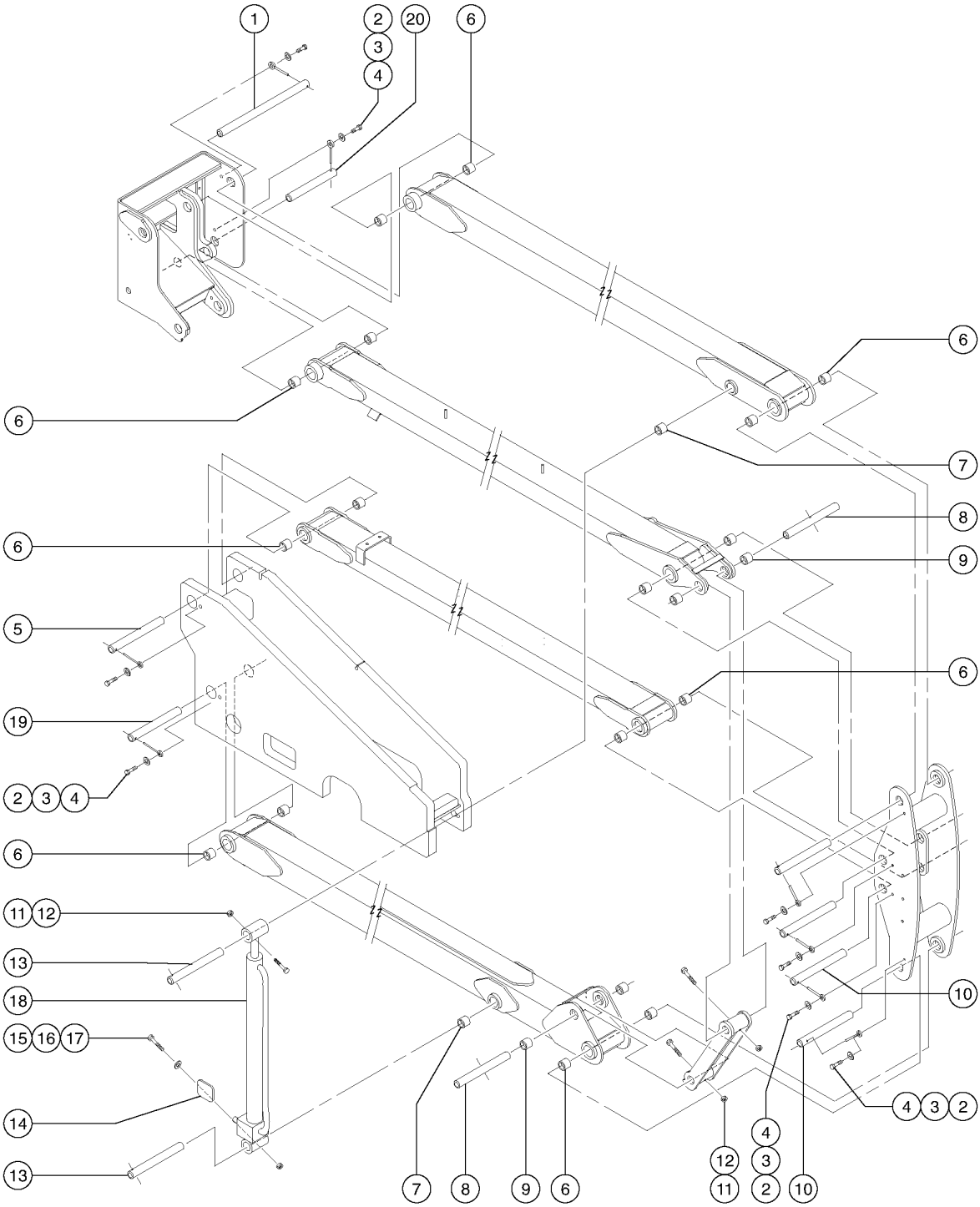
412.2 Wire Harness Diagram - DC and Bi-Energy Models (from SN Z452515A-53481, Z452515B-4519 and Z452515C-533), Z-45/25J



412.2 Wire Harness Diagram - DC and Bi-Energy Models (from SN Z452515A-53481, Z452515B-4519 and Z452515C-533), Z-45/25J

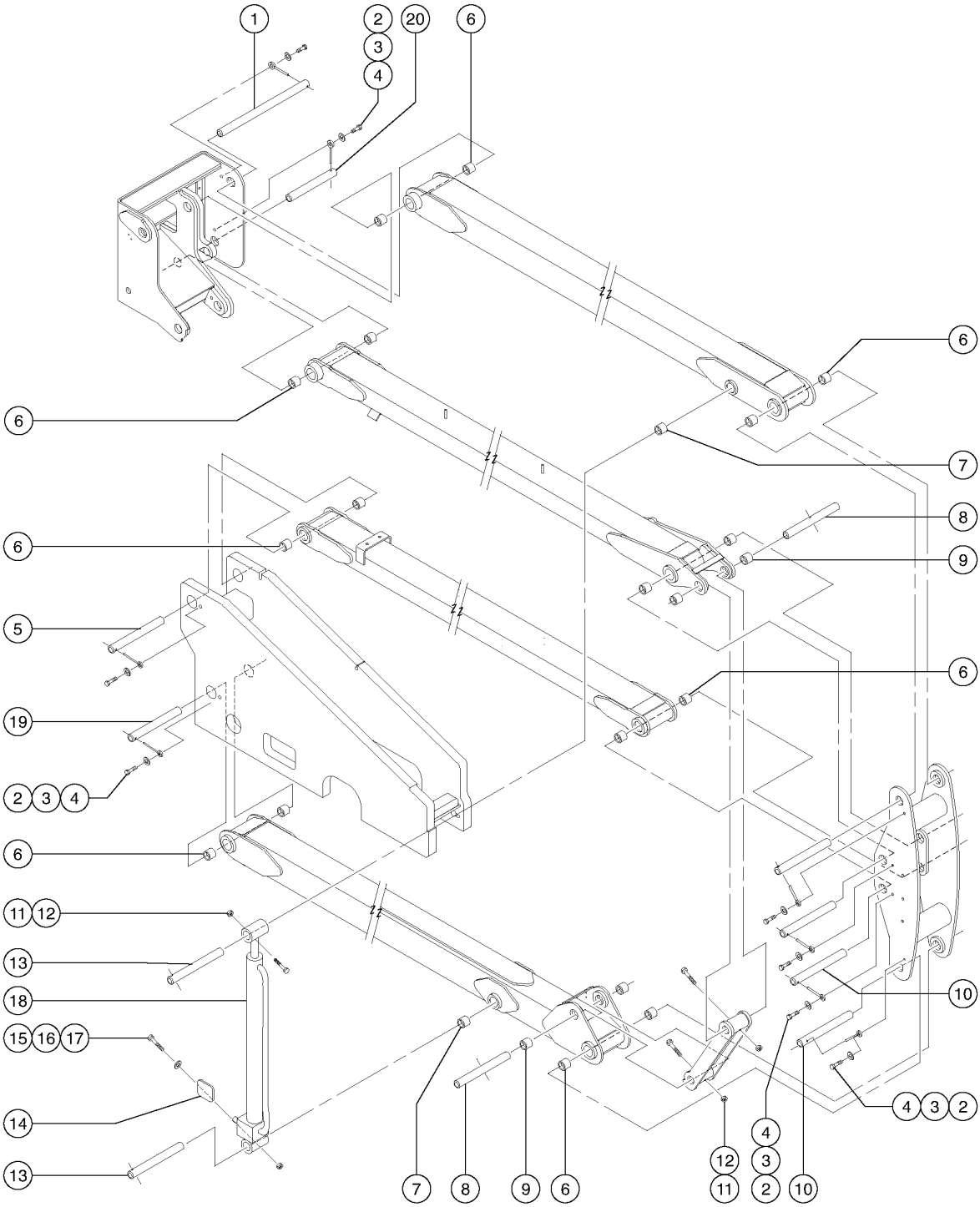
Item	*Part No.*	*Description*	*Qty.*
21A	822777GT	HARNESS, DRIVE CHASSIS, Z45DC DC models	1
21B	822778GT	HARNESS, DRIVE CHASSIS, Z45BE Bi-Energy models	1
22	1259639GT	HARN,GBOX Z45DC/BE RELAY ASSY	1
23A	1261899GT	HARNESS,Z45DC,TELEMATICS READY DC models	1
23B	1261900GT	HARNESS,Z45BE,TELEMATICS READY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

501.1 Boom Pins and Bearings Z-45/25



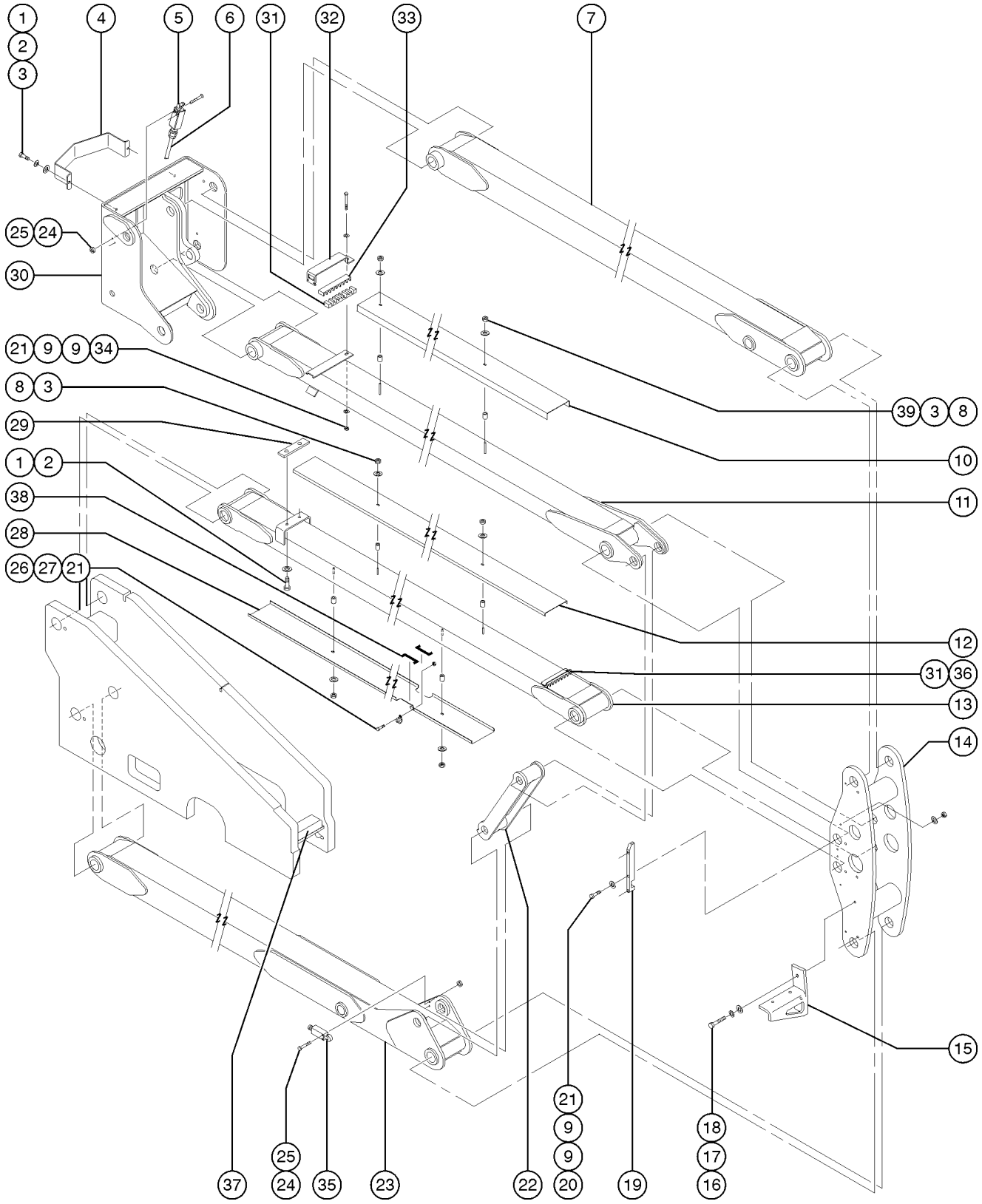
Item	Part No.	Description	Qty.
1	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	1256267GT	ROD END,.5 X 3.75,ZAG	
5	107859GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
6	18720GT	BEARING,2.0IDX2.25ODX1.50L	16
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
8	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
9A	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	4
10	107588GT	PIN,2.00DIAX10.88LG,CHAMFER	4
11	4828GT	NUT, NYLOCK, 3/8-16	
12	14033GT	SCREW, HHC, 3/8-16 X 2.75	
13	50455GT	PIN,1.50DIAX13.88LG,2HOLE	2
14	54726GT	WEAR PAD,SECONDARY CYL,NON/JIB	1
15	6326GT	SCREW,HHC,3/8-16 X 3	
16	5397GT	WASHER, FLAT, USS, 5/16-18	
17	7713GT	NUT, LP NYLOCK, 3/8-16	
18	88203GT	CYLINDER,ELEVATE,Z45/25***	2
18-	77521GT	SEAL KIT,ELEVATE (88203)	
18-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN	
19	107590GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
20	107859GT	PIN,2.00DIAX12.88LG,CHAMFER*** (replaced 107589)	1

501.2 Boom Pins and Bearings Z-45/25J



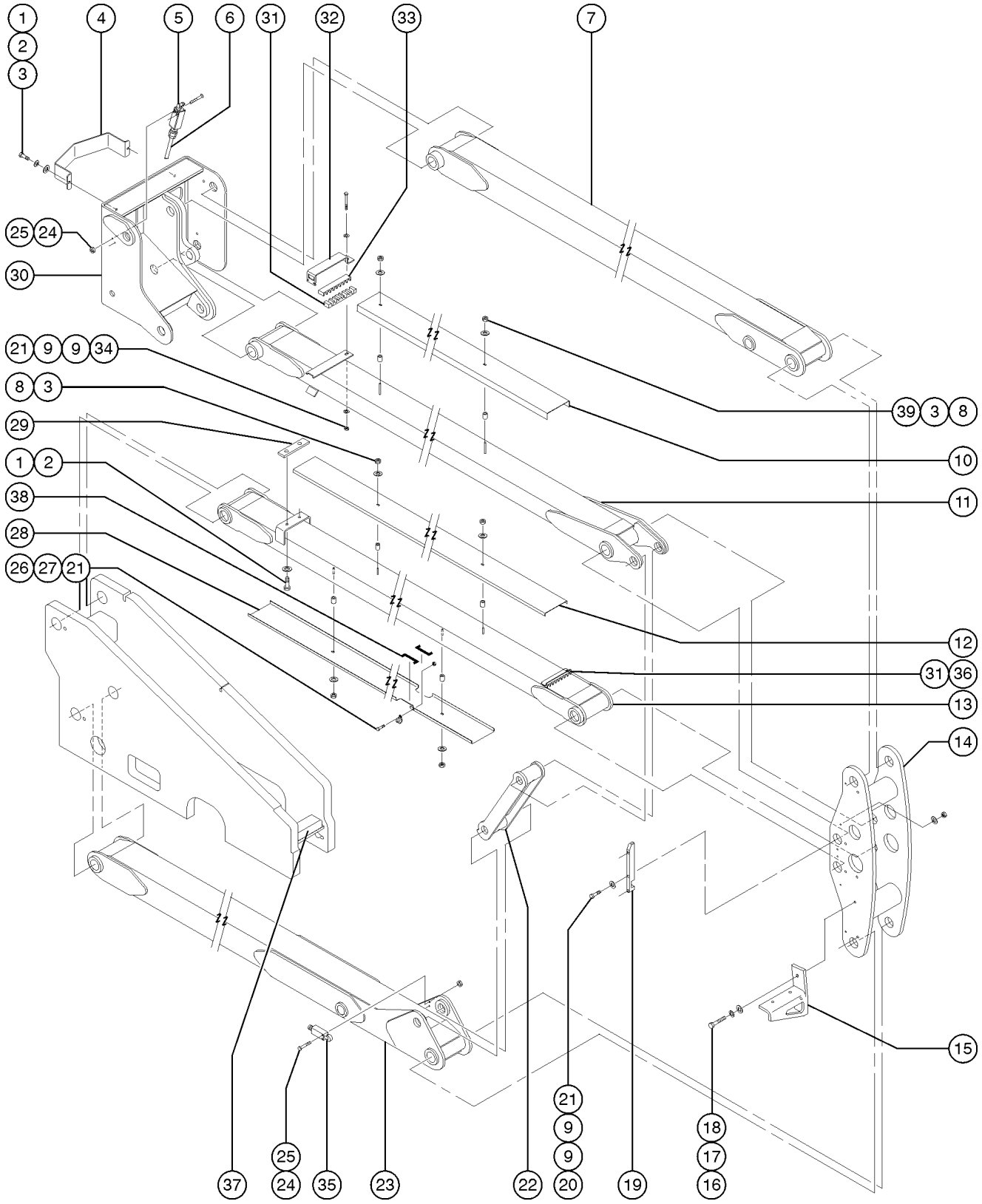
Item	Part No.	Description	Qty.
1	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	1256267GT	ROD END,.5 X 3.75,ZAG	
5	107859GT	PIN,2.00DIAX12.88LG,CHAMFER*** (replaced 107589)	1
6	18720GT	BEARING,2.0IDX2.25ODX1.50L	16
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
8	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
9A	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	4
9B	1258159GT	KIT, BOOM BEARING jib models from SN Z452511B-1727 to Z452513B-2766	1
10	107588GT	PIN,2.00DIAX10.88LG,CHAMFER	4
11	4828GT	NUT, NYLOCK, 3/8-16	
12	14033GT	SCREW, HHC, 3/8-16 X 2.75	
13	50455GT	PIN,1.50DIAX13.88LG,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,2.00DIAX12.88LG,CHAMFER***	1
20	107859GT	PIN,2.00DIAX12.88LG,CHAMFER*** (replaced 107589)	1

502.1 Secondary Linkage, Z-45/25



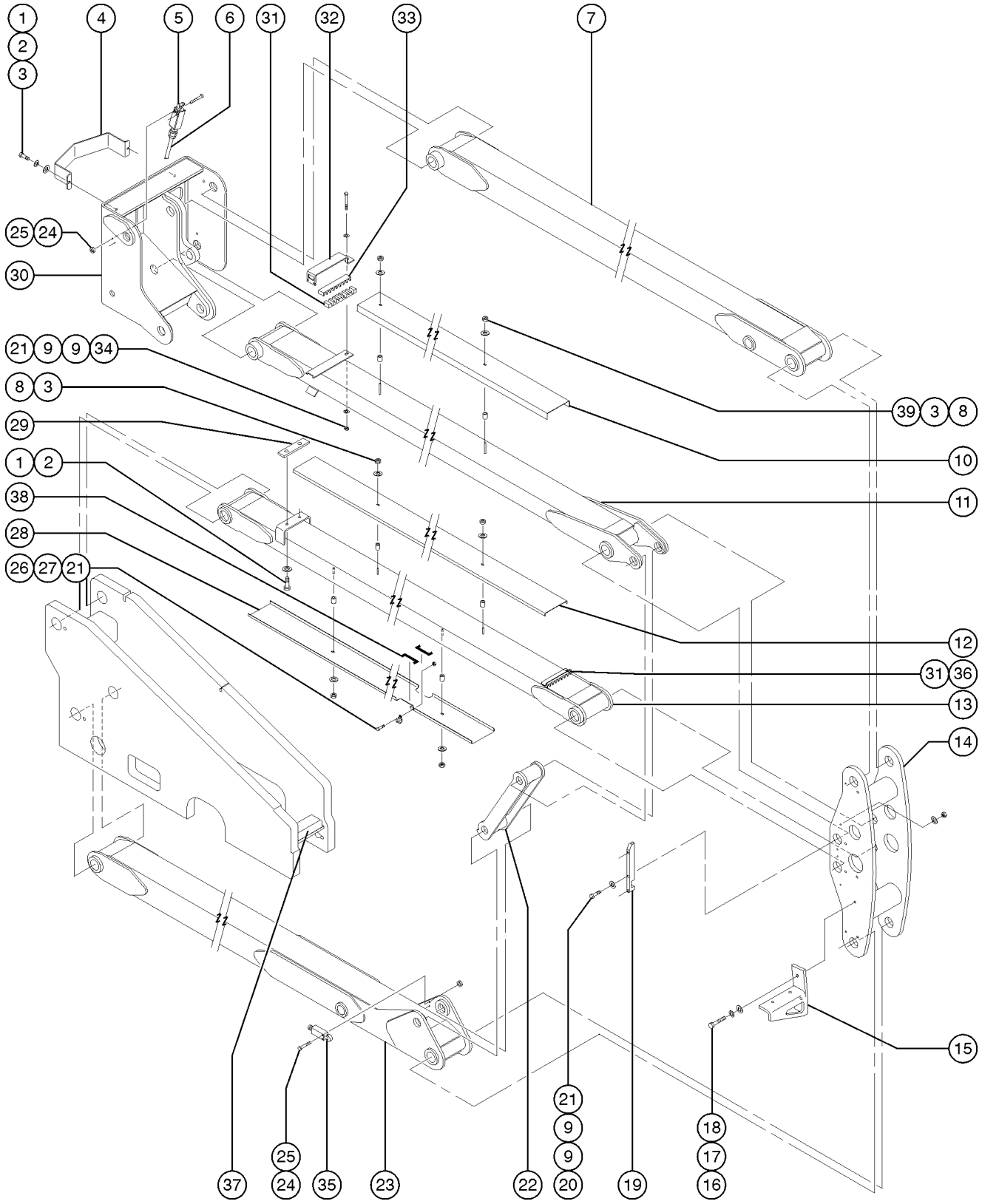
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	237688GT	COVER, UPPER PIVOT	1
5	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	
5-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
6	43960GT	WIRE CABLE,16/4 CON.TPE JKT	360
7	110305GT	UPPER SECONDARY ARM ASSY-Z45**	1
8	7713GT	NUT, LP NYLOCK, 3/8-16	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	88370PGT	HOSE COVER,UPPER ARM,PAINTED	
11	110306GT	UPPER LEVEL ARM ASSY,SERV***	1
12	50517-SGT	HOSE COVER,LOWER LEVEL,TOP,PAI	1
13	110307GT	LOWER LEVEL ARM ASSY***	1
14	110310GT	MIDPIVOT ASSY Z45IC*** USA/Canada/Australian	1
14-	106972GT	WELDMENT,MID PIVOT,MACHINED*** Europe/Asia/ South America	
16A	10587GT	SCREW,HHC,1/2-13 X.75 Z-45/25	
19	107881GT	WEAR PAD,MID PIVOT*** Z-45/25	2
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	6091GT	NUT,NYLOCK,1/4-20	
22	50479-SGT	CONNECTING LINK, Z45/25	1
23	110308GT	LOWER SECONDARY ARM ASSY***	1
24	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
25	6178GT	NUT, NYLOCK, 10-32	
26	8914GT	SCREW, HHC, 1/4-20 X .625	
27	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
28	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1

502.1 Secondary Linkage, Z-45/25



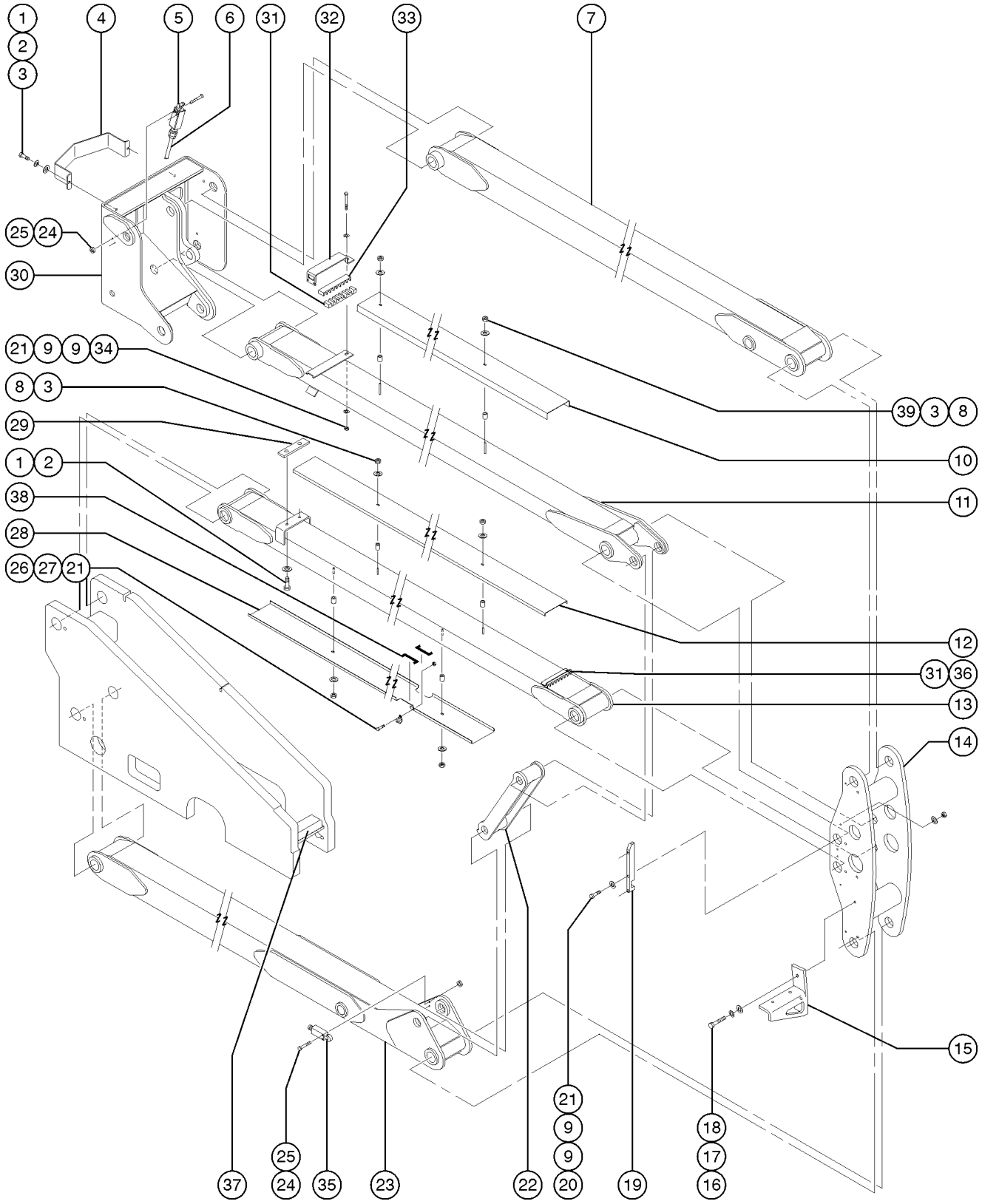
Item	Part No.	Description	Qty.
29	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	1
30		Ref. Upper Pivot Assembly(refer to 503.1)	
31	94529GT	CLAMPING BLOCK,HOSE***	2
32	94531PGT	BRACKET,HOSE CLAMP PAINTED***	1
33	94530GT	CLAMPING BLOCK,CABLE	1
34	6888GT	SCREW, HHC, 1/4-20 X 1	
35	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
35-	97128GT	ROLLER ARM,LIMIT SWITCH***	
35-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
36	70685PGT	FORMING, HOSE CLAMP, PAINTED	
37	56849GT	PAD,REST,1"THICK,W/STUDS*	1
38	1697GT	TRIMLOCK,BLACK,3/16 cut to 4 inches	8 inches
39	42941GT	HOSE,3/8",FUEL,30R7 cut to 0.75 inch	1 inch

502.2 Secondary Linkage, Z-45/25J



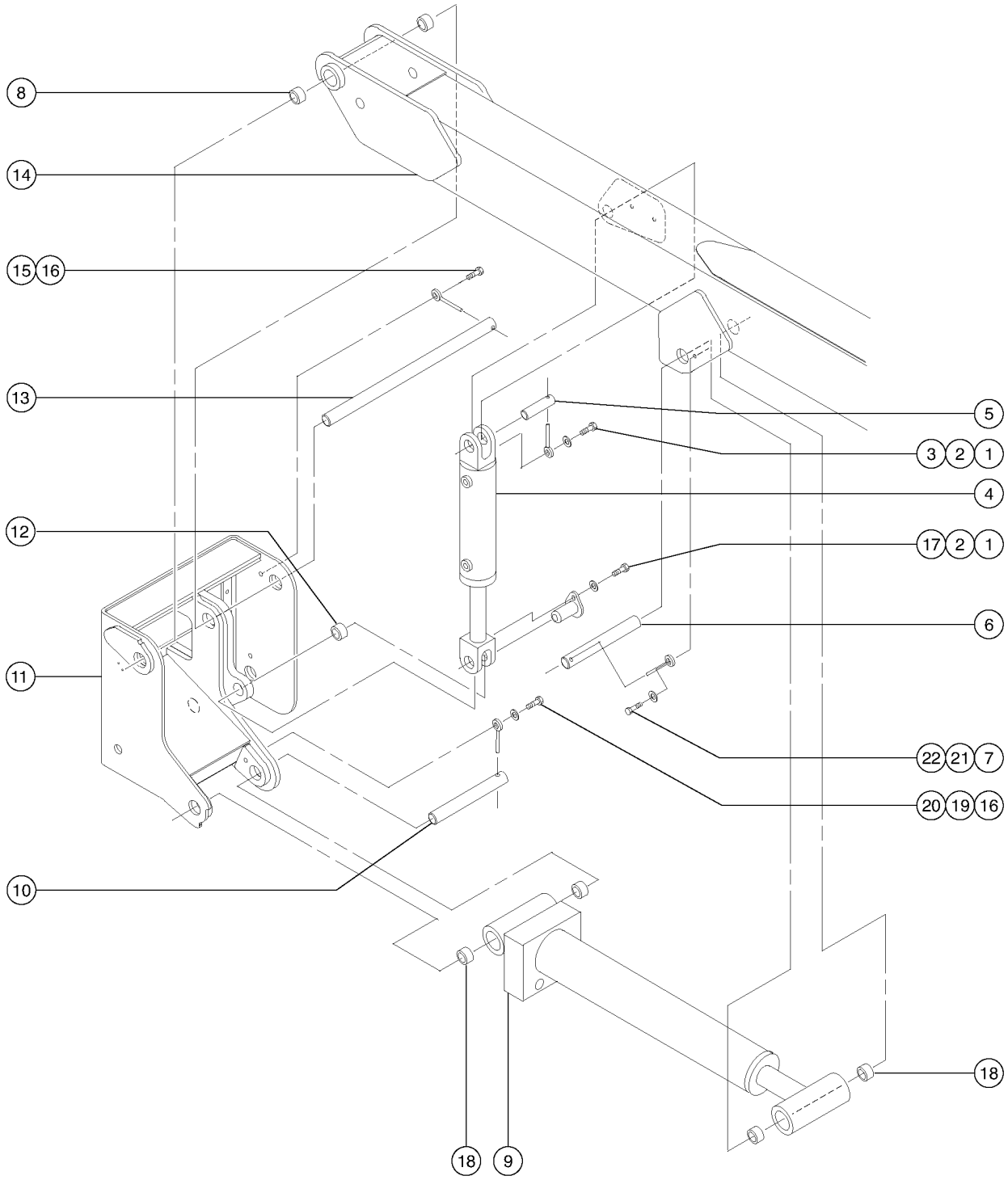
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	237688GT	COVER, UPPER PIVOT	1
5	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	
5-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
6	43960GT	WIRE CABLE,16/4 CON.TPE JKT	360
7	110305GT	UPPER SECONDARY ARM ASSY-Z45**	1
8	7713GT	NUT, LP NYLOCK, 3/8-16	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	88370PGT	HOSE COVER,UPPER ARM,PAINTED	
11	110306GT	UPPER LEVEL ARM ASSY,SERV***	1
12	50517-SGT	HOSE COVER,LOWER LEVEL,TOP,PAI	1
13	110307GT	LOWER LEVEL ARM ASSY***	1
14	110310GT	MIDPIVOT ASSY Z45IC*** USA/Canada/Australian	1
14-	106972GT	WELDMENT,MID PIVOT,MACHINED*** Europe/Asia/ South America	
15	50952-SGT	BOOM REST WELDMENT Z-45/25J	1
15		Ref., WEAR PAD refer to 504.1	
16B	8177GT	SCREW,HHC,1/2-13 X 1.5 Z-45/25J	
17	6033GT	WASHER,LOCK,0.5" Z-45/25J	
18	6095GT	WASHER,FLAT,USS,1/2",Y Z-45/25J	
19	107881GT	WEAR PAD,MID PIVOT*** Z-45/25J	1
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	6091GT	NUT,NYLOCK,1/4-20	
22	50479-SGT	CONNECTING LINK, Z45/25	1
23	110308GT	LOWER SECONDARY ARM ASSY***	1
24	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	

502.2 Secondary Linkage, Z-45/25J



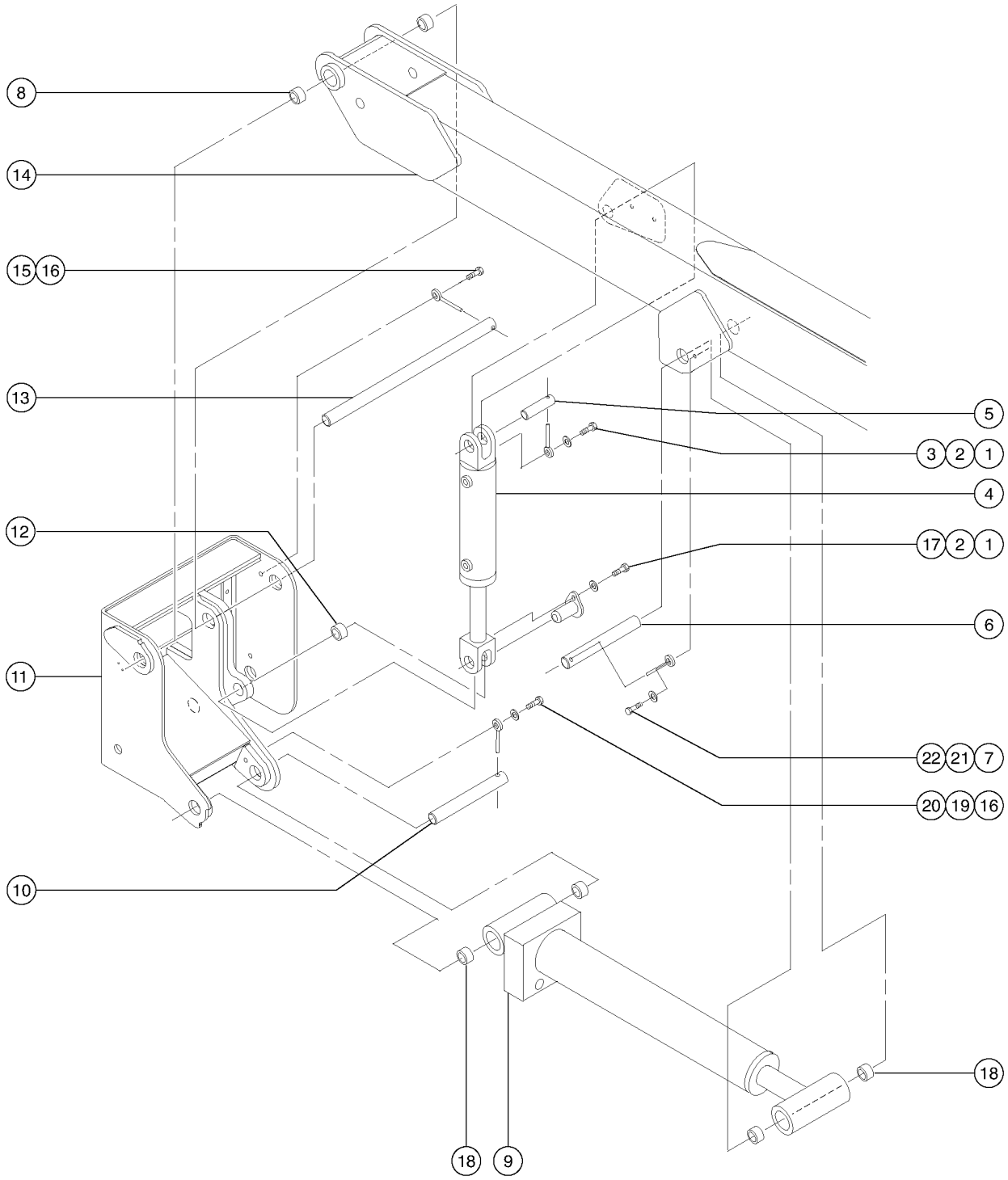
Item	Part No.	Description	Qty.
25	6178GT	NUT, NYLOCK, 10-32	
26	8914GT	SCREW, HHC, 1/4-20 X .625	
27	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
28	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1
29	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	1
30		Ref. Upper Pivot Assembly(refer to 503.1)	
31	94529GT	CLAMPING BLOCK,HOSE***	2
32	94531PGT	BRACKET,HOSE CLAMP PAINTED***	1
33	94530GT	CLAMPING BLOCK,CABLE	1
34	6888GT	SCREW, HHC, 1/4-20 X 1	
35	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
35-	97128GT	ROLLER ARM,LIMIT SWITCH***	
35-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
36	70685PGT	FORMING, HOSE CLAMP, PAINTED	
37	56849GT	PAD,REST,1"THICK,W/STUDS*	1
38	1697GT	TRIMLOCK,BLACK,3/16 cut to 4 inches	8 inches
39	42941GT	HOSE,3/8",FUEL,30R7 cut to 0.75 inch	1 inch

503.1 Upper Pivot Z-45/25



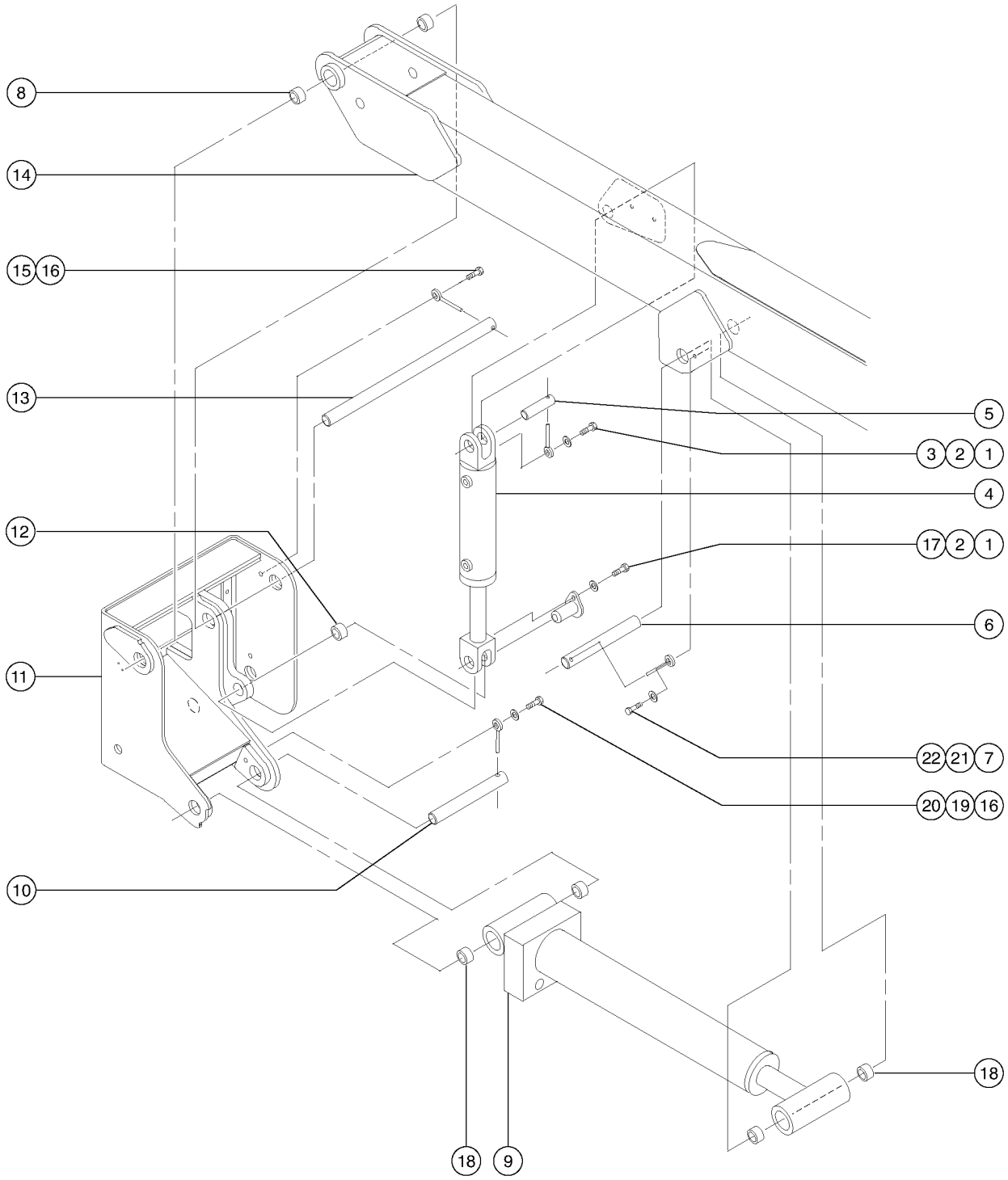
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	1255452GT	ROD END,.375 X 2.25,ZAG	
4	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
4-	77364GT	SEAL KIT, LEVELING CYLINDER	
5	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
6	50542GT	PIN,1.75DIAX9.25LG,1HOLE	1
7	825019GT	ROD END, .375X3.69, ZAG	
8	18720GT	BEARING,2.0IDX2.25ODX1.50L	2
9A	1263056GT	CYLINDER,PRIM LIFT NON JIB,Z45 includes item 18 (used in production from SN 19887 to SN 40637 and from SN 42132)	1
9A-	77189GT	SEAL KIT,CYL,Z45 (77187&77188) for 77187, 1263056 (from SN 19887 to SN 40637 and from SN 42132) (identify part number on cylinder before ordering)	
9A-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for 77187, 1263056 (from SN 19887 to SN 40637 and from SN 42132) (identify part number on cylinder before ordering)	
9C	50480GT	VALVE,COUNTERBALANCE,3800 PSI* for 147270 (from SN 40638 to SN 42131) (identify part number on cylinder before ordering)	
9D	147284GT	SEAL KIT,147260*** for 147260 (from SN 40638 to SN 42131) (identify part number on cylinder before ordering)	
10	70534GT	PIN,1.75DIAX11.88LG,CHAMFER	1
11	110309GT	UPPER PIVOT W/BEARING-Z45/25**	
11-	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
12	30370GT	BEARING,1.25IDX1.5ODX1.00L	1
13	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
14		Ref. Primary Boom Tube Assembly (refer to 504.1)	
15	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
16	1256267GT	ROD END,.5 X 3.75,ZAG	
17	70671GT	PIN,1.25 DIA X 3.19 LG, PLATE	1
18	1262633GT	BUSHING,POLYGON,BM5120	4
19	8177GT	SCREW,HHC,1/2-13 X 1.5	
20	6033GT	WASHER,LOCK,0.5"	
21	8516GT	SCREW, HCC, 3/8-16 X 1.50	

503.1 Upper Pivot Z-45/25



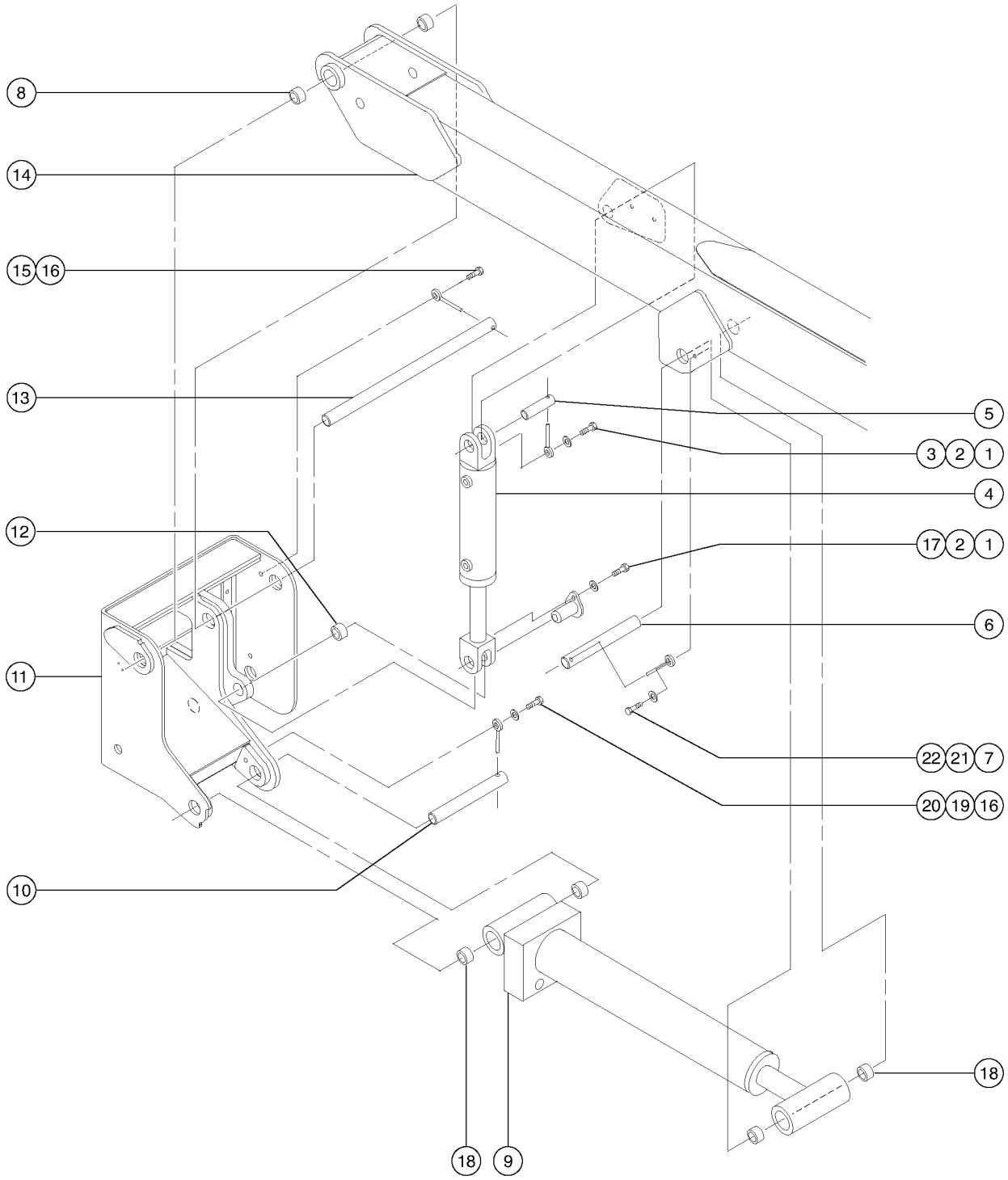
Item	Part No.	Description	Qty.
22	4828GT	NUT, NYLOCK, 3/8-16	

503.2 Upper Pivot Z-45/25J



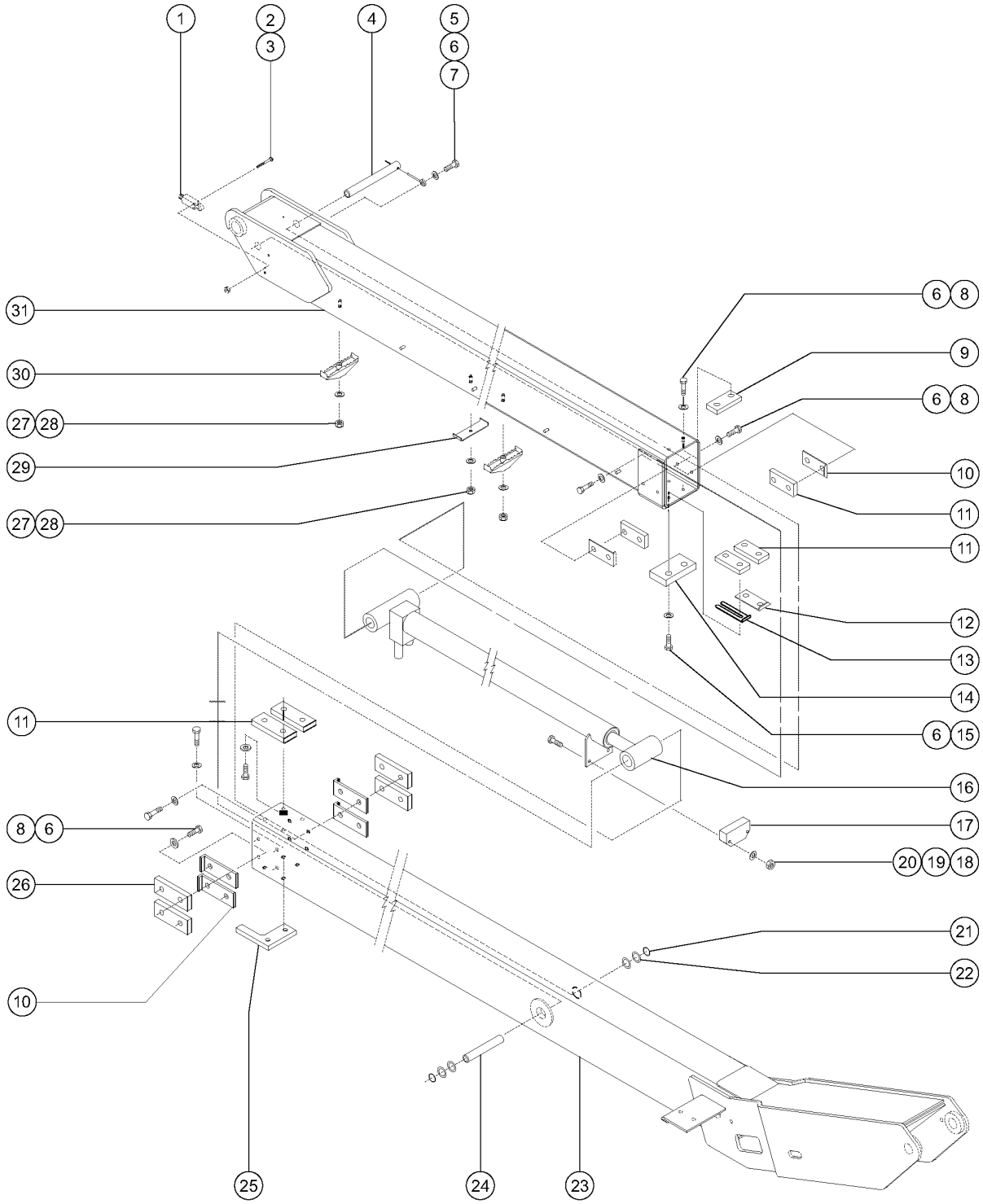
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	1255452GT	ROD END,.375 X 2.25,ZAG	
4	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
4-	77364GT	SEAL KIT, LEVELING CYLINDER	
5	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
6	50542GT	PIN,1.75DIAX9.25LG,1HOLE	1
7	825019GT	ROD END, .375X3.69, ZAG	
8	18720GT	BEARING,2.0IDX2.25ODX1.50L	2
9B	1263057GT	CYLINDER,PRIM LIFT JIB,Z45 includes item 18 (used in production from SN 19887 to SN 40637 and from SN 42132)	1
9B-	77189GT	SEAL KIT,CYL,Z45 (77187&77188) for 77188, 1263057 (from SN 19887 to SN 40637 and from SN 42132) (identify part number on cylinder before ordering)	
9B-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for 77188, 1263057 (from SN 19887 to SN 40637 and from SN 42132) (identify part number on cylinder before ordering)	
9C	50480GT	VALVE,COUNTERBALANCE,3800 PSI* for 147260 (from SN 40638 to SN 42131) (identify part number on cylinder before ordering)	
9D	147284GT	SEAL KIT,147260*** for 147260 (from SN 40638 to SN 42131) (identify part number on cylinder before ordering)	
10	70534GT	PIN,1.75DIAX11.88LG,CHAMFER	1
11	110309GT	UPPER PIVOT W/BEARING-Z45/25**	
11-	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
12	30370GT	BEARING,1.25IDX1.5ODX1.00L	1
13	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
14		Ref. Primary Boom Tube Assembly (refer to 504.1)	
15	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
16	1256267GT	ROD END,.5 X 3.75,ZAG	
17	70671GT	PIN,1.25 DIA X 3.19 LG, PLATE	1
18	1262633GT	BUSHING,POLYGON,BM5120	4
19	8177GT	SCREW,HHC,1/2-13 X 1.5	
20	6033GT	WASHER,LOCK,0.5"	
21	8516GT	SCREW, HCC, 3/8-16 X 1.50	

503.2 Upper Pivot Z-45/25J



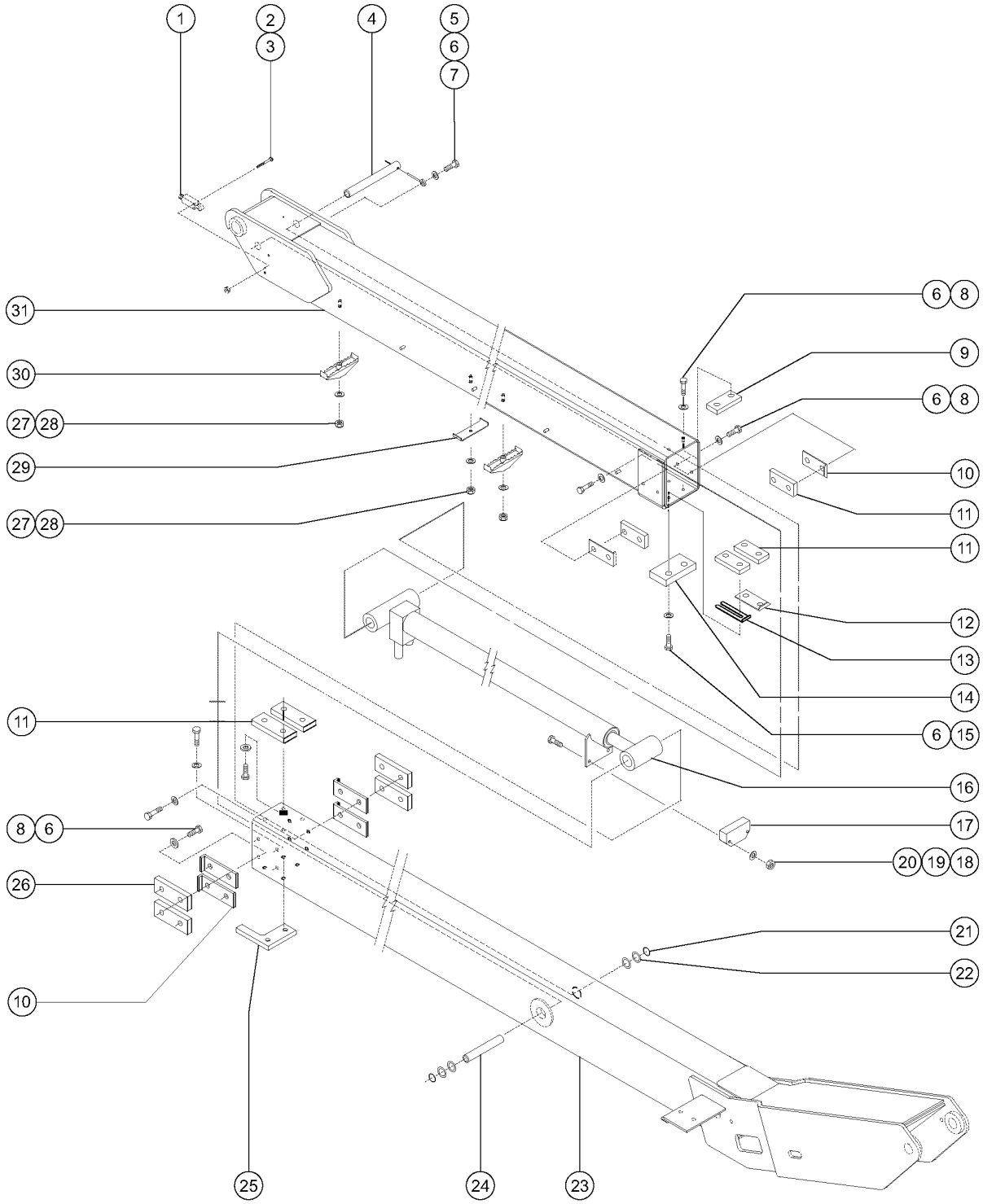
Item	Part No.	Description	Qty.
22	4828GT	NUT, NYLOCK, 3/8-16	

504.1 Primary and Extension Booms (to SN 37889), Z45-25



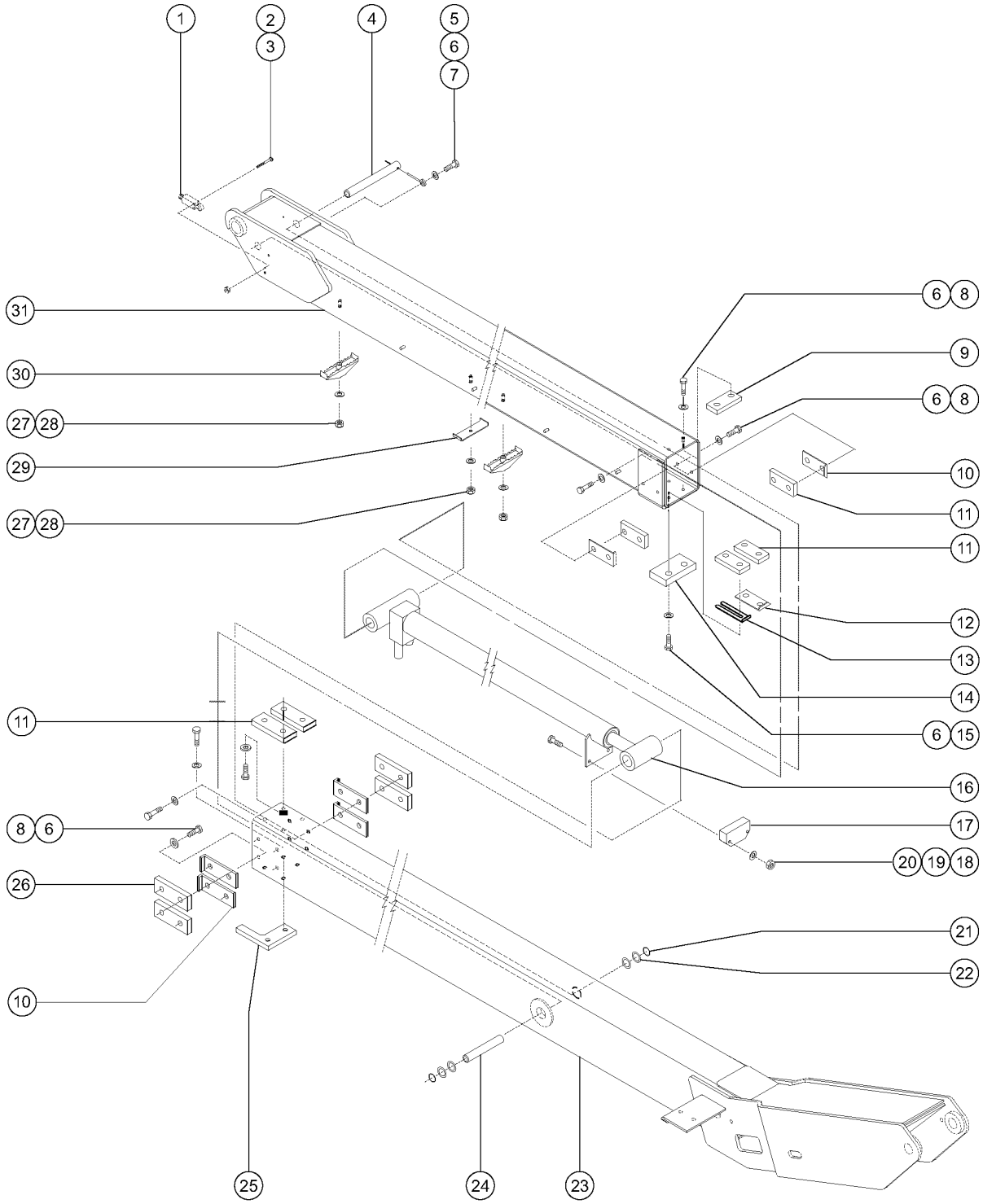
Item	Part No.	Description	Qty.
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6021GT	WASHER, LOCK, .375	
7	825019GT	ROD END, .375X3.69, ZAG	
8	8255GT	SCREW,HHC,3/8-16 X .75	
9A	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS (Z-45/25)	5
10	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	as-needed
11	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	4
15A	8516GT	SCREW, HCC, 3/8-16 X 1.50 (Z-45/25)	
16A	54570GT	CYLINDER,EXTEND,Z45 NON JIB (Z-45/25)	1
16A-	65788GT	SEAL KIT CYL Z45 (54570)	
16A-	54063GT	VALVE,CB.CBBC-LHN@1000***	
16A-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
17	50698GT	WEAR PAD,EXTENSION CYLINDER	1
18	6091GT	NUT,NYLOCK,1/4-20	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
22	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
23A	50315GT	EXTENSION BOOM WELDMNT,NON-JIB (Z-45/25)	
24	50546GT	PIN,1.25DIAX6.36LG,2RING	1
25	50552GT	WEAR PAD,EXTENSION BOOM	1
26	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	4

504.1 Primary and Extension Booms (to SN 37889), Z45-25



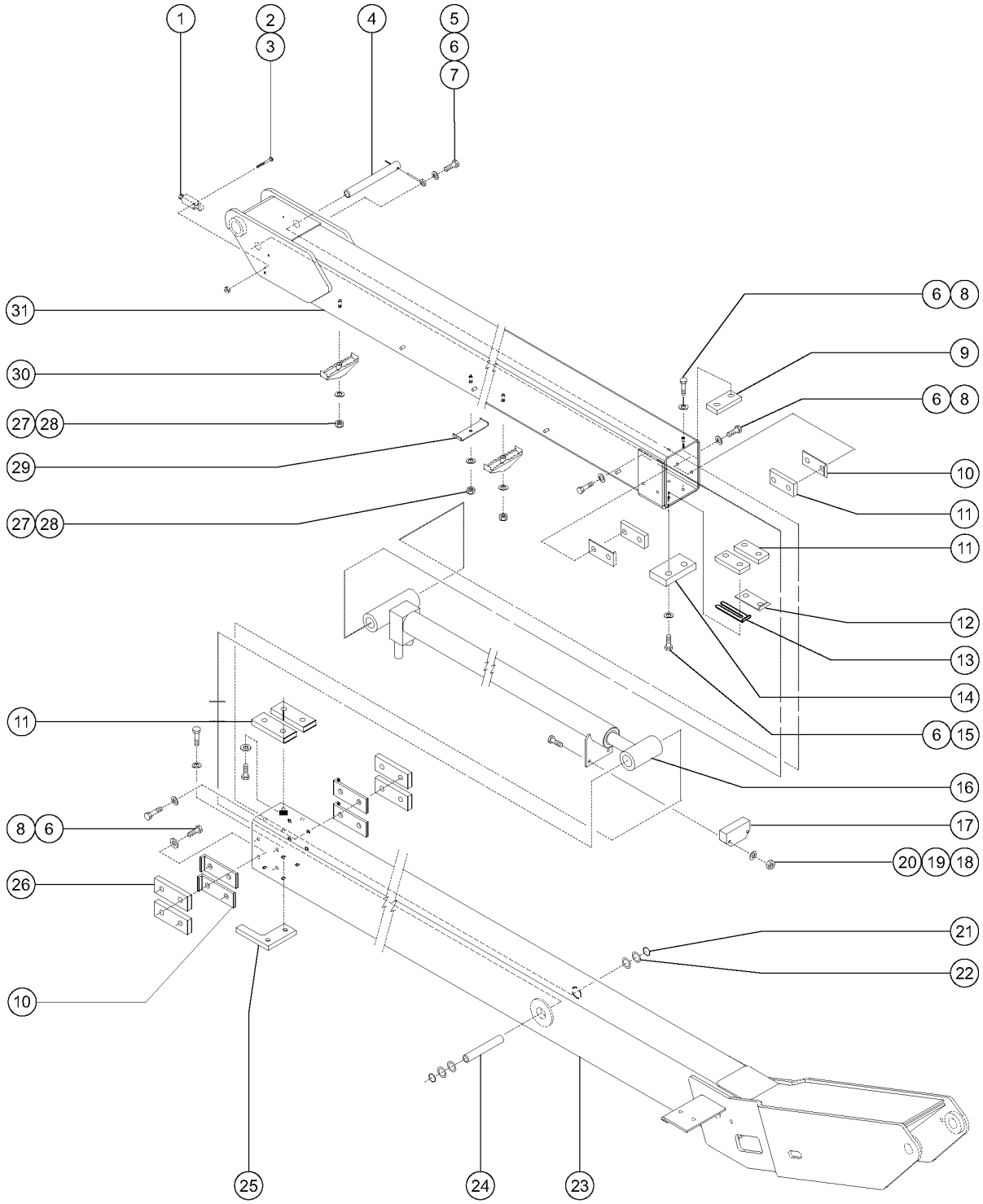
Item	*Part No.*	*Description*	*Qty.*
27	4828GT	NUT, NYLOCK, 3/8-16	
29	54530GT	CLAMP,HOSE,ALUMINUM	1
30	77106GT	CLAMP,CABLE & HOSE,PLASTIC	2
31A	110384GT	PRIMARY BOOM ASSY,STD,Z45/25 to SN 37889 (Z-45/25)	

504.2 Primary and Extension Booms (to SN 37889), Z45-25J



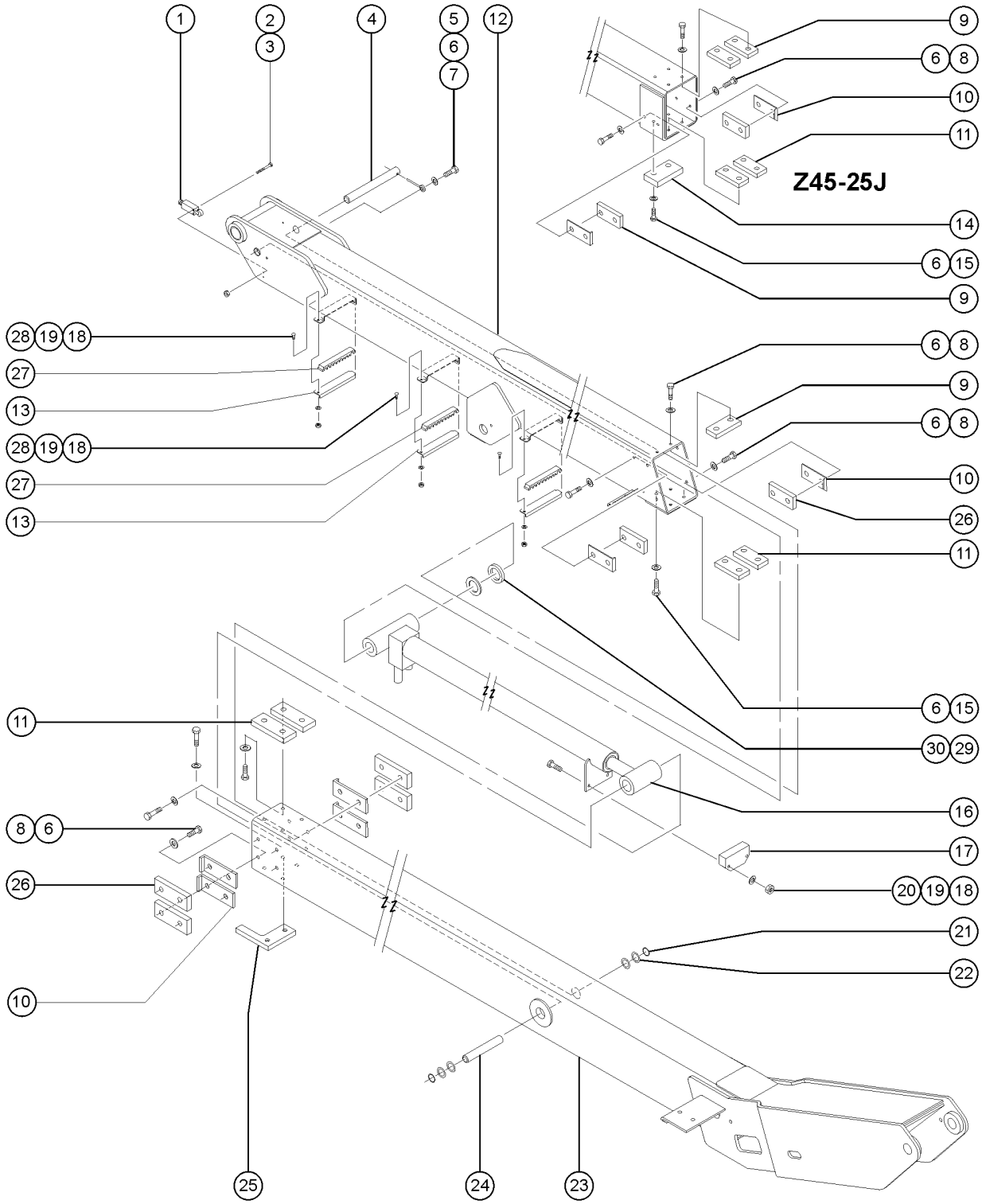
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	129 inches
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6021GT	WASHER, LOCK, .375	
7	825019GT	ROD END, .375X3.69, ZAG	
8	8255GT	SCREW,HHC,3/8-16 X .75	
9B	54131GT	WEAR PAD,PRIMARY BOOM,TOP 6.25X1.5X1.13 (Z-45/25J) to SN 33749	5
9B-	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS (Z-45/25J) from SN 33750	2
10	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	as-needed
11	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	4
12	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	as-needed
13	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	as-needed
14	54157GT	WEAR PAD,PRIMARY BOOM,JIB 5.5X3X1	1
15B	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8 (Z-45/25J)	
16B	54569GT	CYLINDER,EXTEND,Z45J*** (Z-45/25J)	1
16B-	65790GT	SEAL KIT CYL.Z45(54569)	
16B-	54063GT	VALVE,CB.CBBC-LHN@1000***	
16B-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
17	50698GT	WEAR PAD,EXTENSION CYLINDER	1
18	6091GT	NUT,NYLOCK,1/4-20	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	

504.2 Primary and Extension Booms (to SN 37889), Z45-25J



Item	Part No.	Description	Qty.
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
22	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
23B	50304GT	EXTENSION BOOM WELDMNT,JIB,Z45 (Z-45/25J) (from SN 27000 to 33749)	1
23B	119649GT	WELDMNT,EXTENSION BOOM,JIB,Z45 (Z-45/25J) (from SN 33750 to 37889)	1
24	50546GT	PIN,1.25DIAX6.36LG,2RING	1
25	50552GT	WEAR PAD,EXTENSION BOOM	1
26	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	4
27A	4828GT	NUT, NYLOCK, 3/8-16 to SN 37889	
27B	6091GT	NUT,NYLOCK,1/4-20 from SN 37890	
28A	6097GT	WASHER, FLAT, USS, 3/8", Y to SN 37889	
28B	6638GT	WASHER, FLAT, USS, 1/4"Y from SN 37890	
29	54530GT	CLAMP,HOSE,ALUMINUM to SN 37889	1
30A	77106GT	CLAMP,CABLE & HOSE,PLASTIC to SN 37889	2
30B	128601GT	CLAMP, PRI, HOSE/CABLE, Z45/51 from SN 37890	3
30B	128995GT	FORMING, HOSE CLAMP RETAINER from SN 37890	3
30B	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2 from SN 37890	
31B	110385GT	PRIMARY BOOM ASSY,JIB,Z45/25J to SN 37889 (Z-45/25J)	1

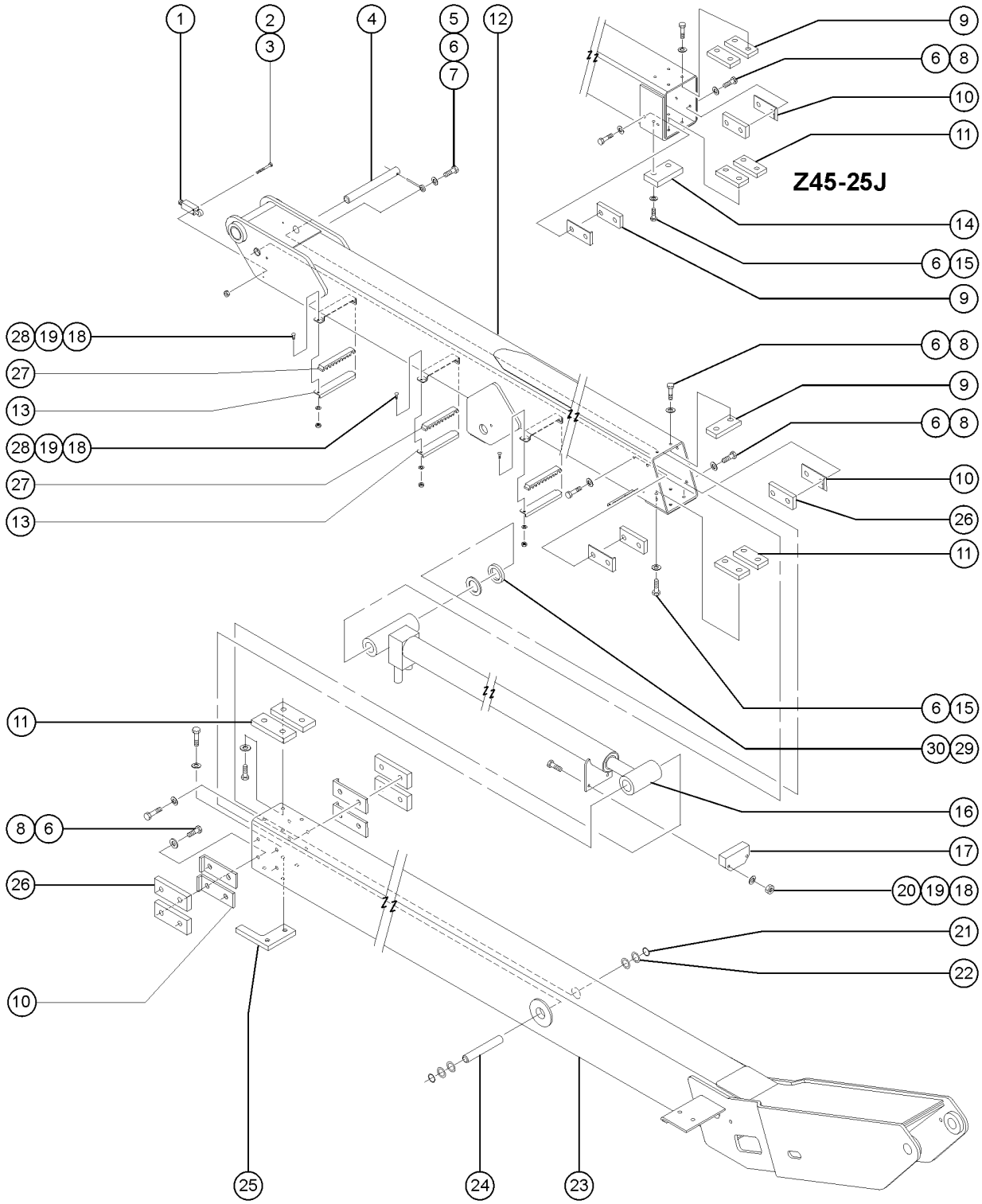
504.3 Primary and Extension Booms (from SN 08A-37890 and from 12B-2245 and from 13D101), Z-45/25



504.3 Primary and Extension Booms (from SN 08A-37890 and from 12B-2245 and from 13D101), Z-45/25

Item	Part No.	Description	Qty.
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6097GT	WASHER, FLAT, USS, 3/8", Y	
7	825019GT	ROD END, .375X3.69, ZAG	
8	8255GT	SCREW,HHC,3/8-16 X .75	
9A	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS Z-45/25	1
10	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
11	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	4
12A	1257051GT	ASSEMBLY,PRIMARY BOOM,Z45 NJ Z-45/25	
13	128995GT	FORMING, HOSE CLAMP RETAINER	3
15A	8516GT	SCREW, HCC, 3/8-16 X 1.50 Z-45/25	
16A	54570GT	CYLINDER,EXTEND,Z45 NON JIB Z-45/25	1
16A-	65788GT	SEAL KIT CYL Z45 (54570)	
16A-	54063GT	VALVE,CB.CBBC-LHN@1000***	
16A-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
17	50698GT	WEAR PAD,EXTENSION CYLINDER	1
18	6091GT	NUT,NYLOCK,1/4-20	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
22	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
23A	50315GT	EXTENSION BOOM WELDMNT,NON-JIB Z-45/25	
24	50546GT	PIN,1.25DIAX6.36LG,2RING	1
25	50552GT	WEAR PAD,EXTENSION BOOM	1

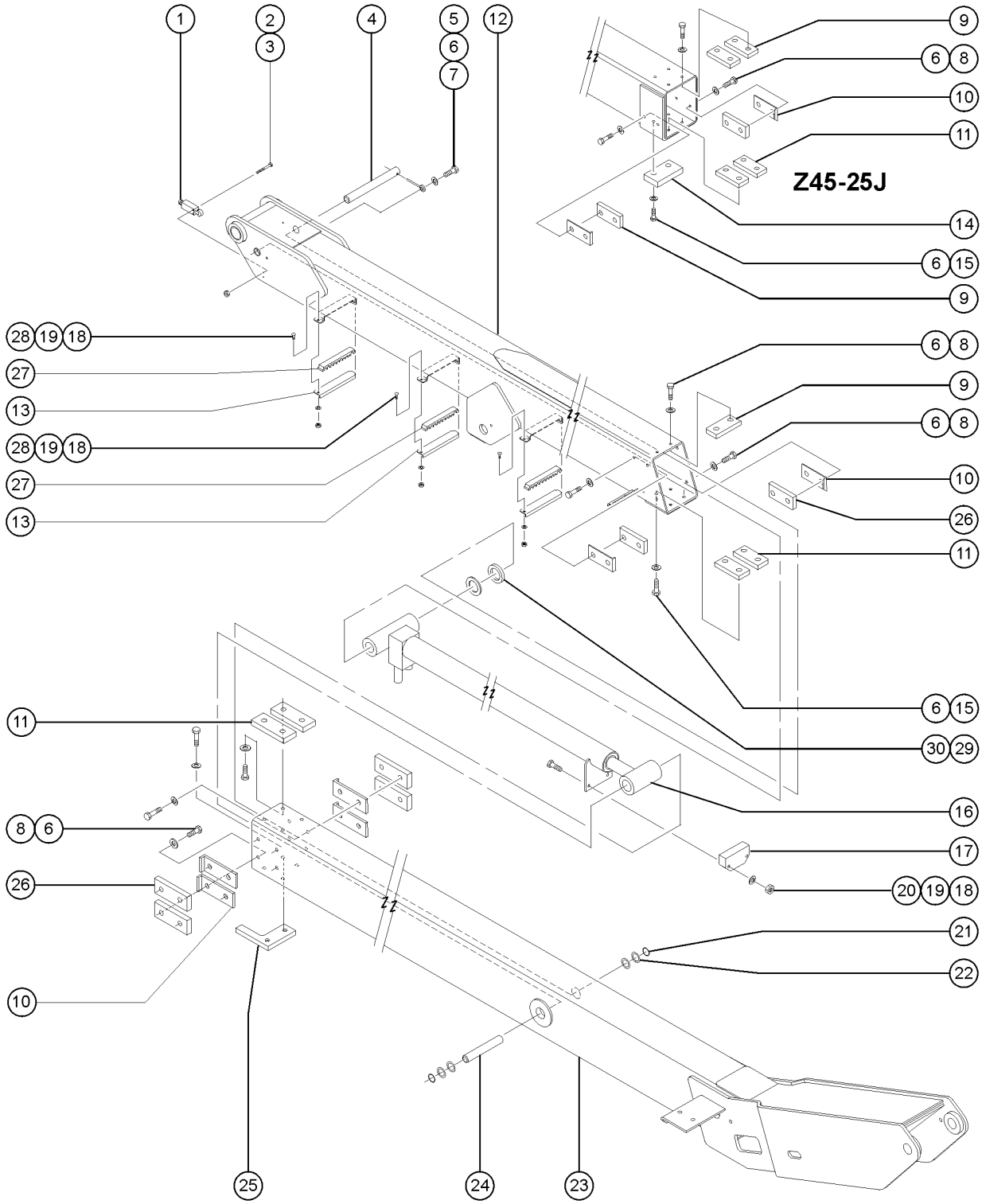
504.3 Primary and Extension Booms (from SN 08A-37890 and from 12B-2245 and from 13D101), Z-45/25



504.3 Primary and Extension Booms (from SN 08A-37890 and from 12B-2245 and from 13D101), Z-45/25

Item	*Part No.*	*Description*	*Qty.*
26	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
27	128601GT	CLAMP, PRI, HOSE/CABLE, Z45/51	3
28	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	3
29	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
30	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1

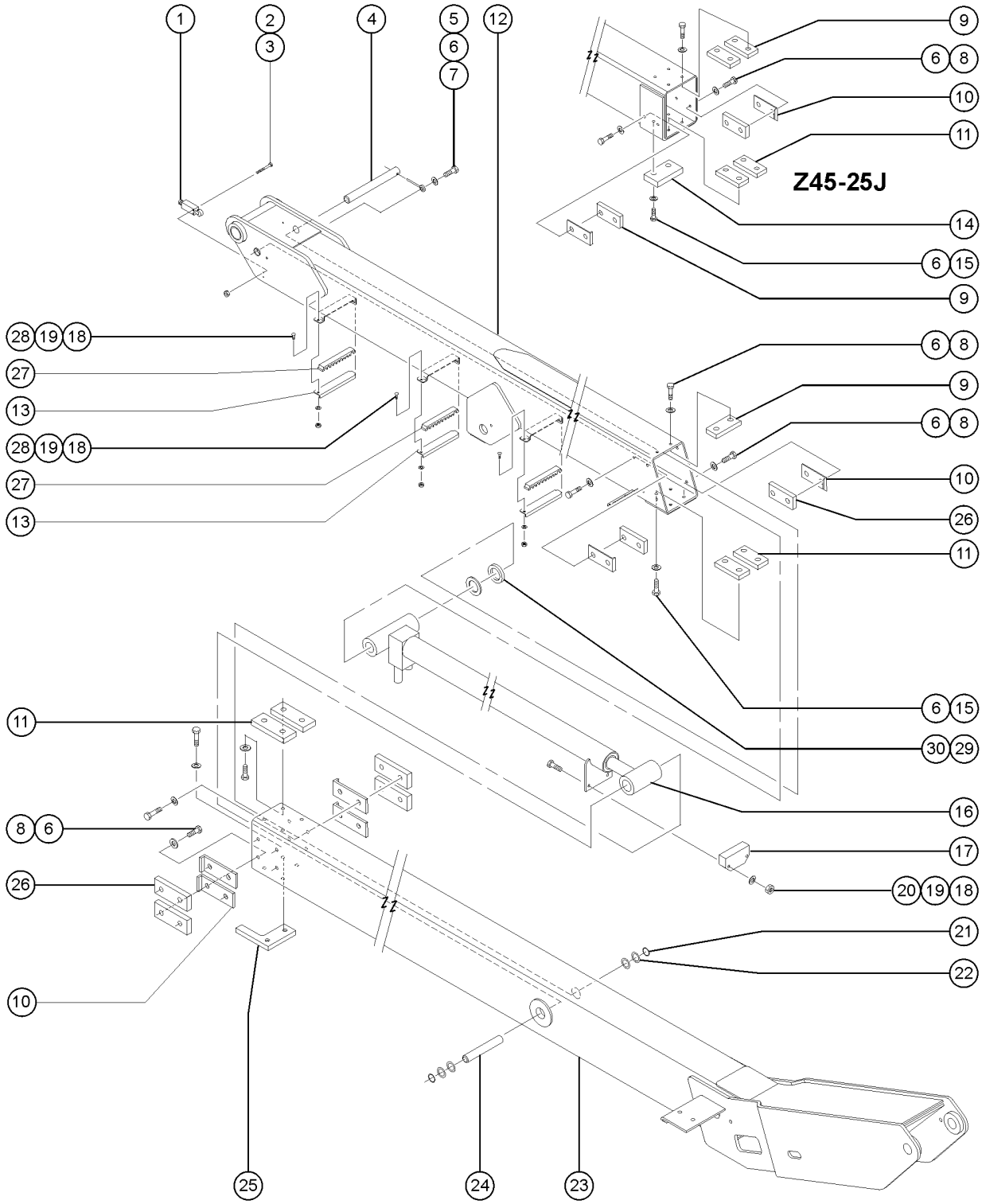
504.4 Primary and Extension Booms (from SN 08A-37890 and from 12B-2245 and from 13D101), Z-45/25J



504.4 Primary and Extension Booms (from SN 08A-37890 and from 12B-2245 and from 13D101), Z-45/25J

Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	129 inches
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6097GT	WASHER, FLAT, USS, 3/8", Y	
7	825019GT	ROD END, .375X3.69, ZAG	
8	8255GT	SCREW,HHC,3/8-16 X .75	
9B	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS Z-45/25J	2
10	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
11	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	4
12B	1257052GT	ASSEMBLY,PRIMARY BOOM,Z45 JIB Z-45/25J	
13	128995GT	FORMING, HOSE CLAMP RETAINER	3
14	54157GT	WEAR PAD,PRIMARY BOOM,JIB 5.5X3X1 Z-45/25J only	1
15B	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8 Z-45/25J	
16B	54569GT	CYLINDER,EXTEND,Z45J*** Z-45/25J	1
16B-	65790GT	SEAL KIT CYL.Z45(54569)	
16B-	54063GT	VALVE,CB.CBBC-LHN@1000***	
16B-	77410GT	VALVE,COUNTERBALNCE,1500 PSI**	
17	50698GT	WEAR PAD,EXTENSION CYLINDER	1
18	6091GT	NUT,NYLOCK,1/4-20	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
22	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	

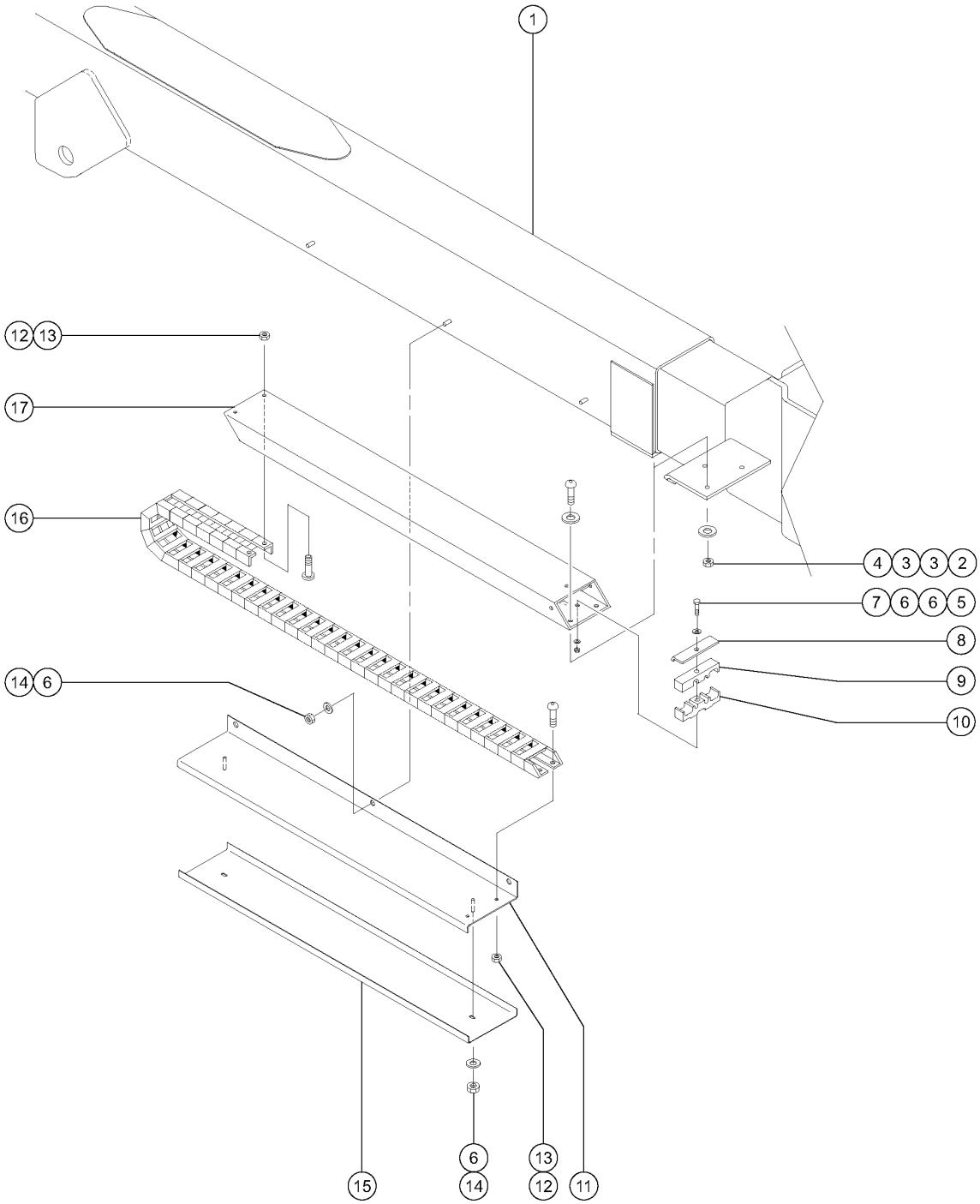
504.4 Primary and Extension Booms (from SN 08A-37890 and from 12B-2245 and from 13D101), Z-45/25J



504.4 Primary and Extension Booms (from SN 08A-37890 and from 12B-2245 and from 13D101), Z-45/25J

Item	*Part No.*	*Description*	*Qty.*
23B	128304GT	WELDMENT,EXT. BOOM,Z45 JIB Z-45/25J	
24	50546GT	PIN,1.25DIAX6.36LG,2RING	1
25	50552GT	WEAR PAD,EXTENSION BOOM	1
26	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
27	128601GT	CLAMP, PRI, HOSE/CABLE, Z45/51	
28	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2 Z-45/25J	
29	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
30	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1

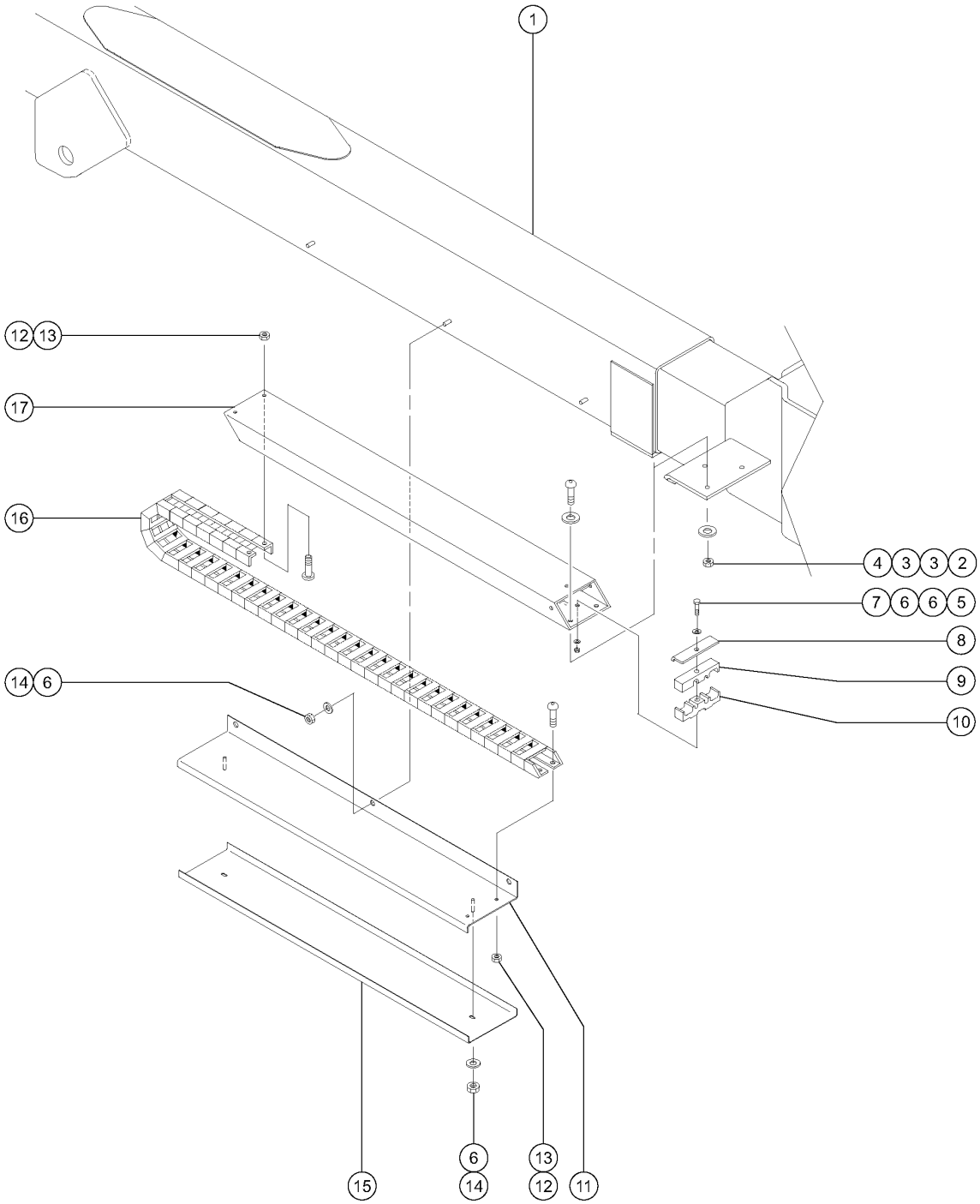
505.1 Cable Track (to SN 37889) (Non-jib models)



505.1 Cable Track (to SN 37889) (Non-jib models)

Item	Part No.	Description	Qty.
1		Ref. Primary Boom Tube Assembly (refer to 504.1)	
2	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	54830GT	SCREW,BHSC,1/4-20 X .88,Y/ZINC	
5	6326GT	SCREW,HHC,3/8-16 X 3	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	106804PGT	BACKING, HOSE CLAMP PTD	2
9	106585GT	CLAMP,HOSE Z-45 PRIMARY	2
10	106581GT	CLAMP,JIB HOSE Z45	2
10-	107901GT	CLAMP, ARCTIC HOSE Arctic Option	
11A	54981GT	WELDMENT,CABLE TRACK TRAY,NJIB (Z-45/25)	
12	6091GT	NUT,NYLOCK,1/4-20	
13	14297GT	SCREW,BHHS,1/4-20 X .75	
14	7713GT	NUT, LP NYLOCK, 3/8-16	
15A	54985PGT	CHANNEL,CABLE TRACK COV,NONJ,P (Z-45/25)	
16A	50452GT	CABLE TRACK,PLASTIC,35 LINK (Z-45/25)	
16A-	58919GT	REPAIR LINK,7 LINKS*** for 50452	
16A-	58927GT	LINK,NYLATRAC KS6-5.4*** for 50452	
16A-	58920GT	REPAIR LINK END SET (42763)* for 50452	
17A	54460GT	TUBE,CABLE TRACK ARM NON-JIB (Z-45/25)	

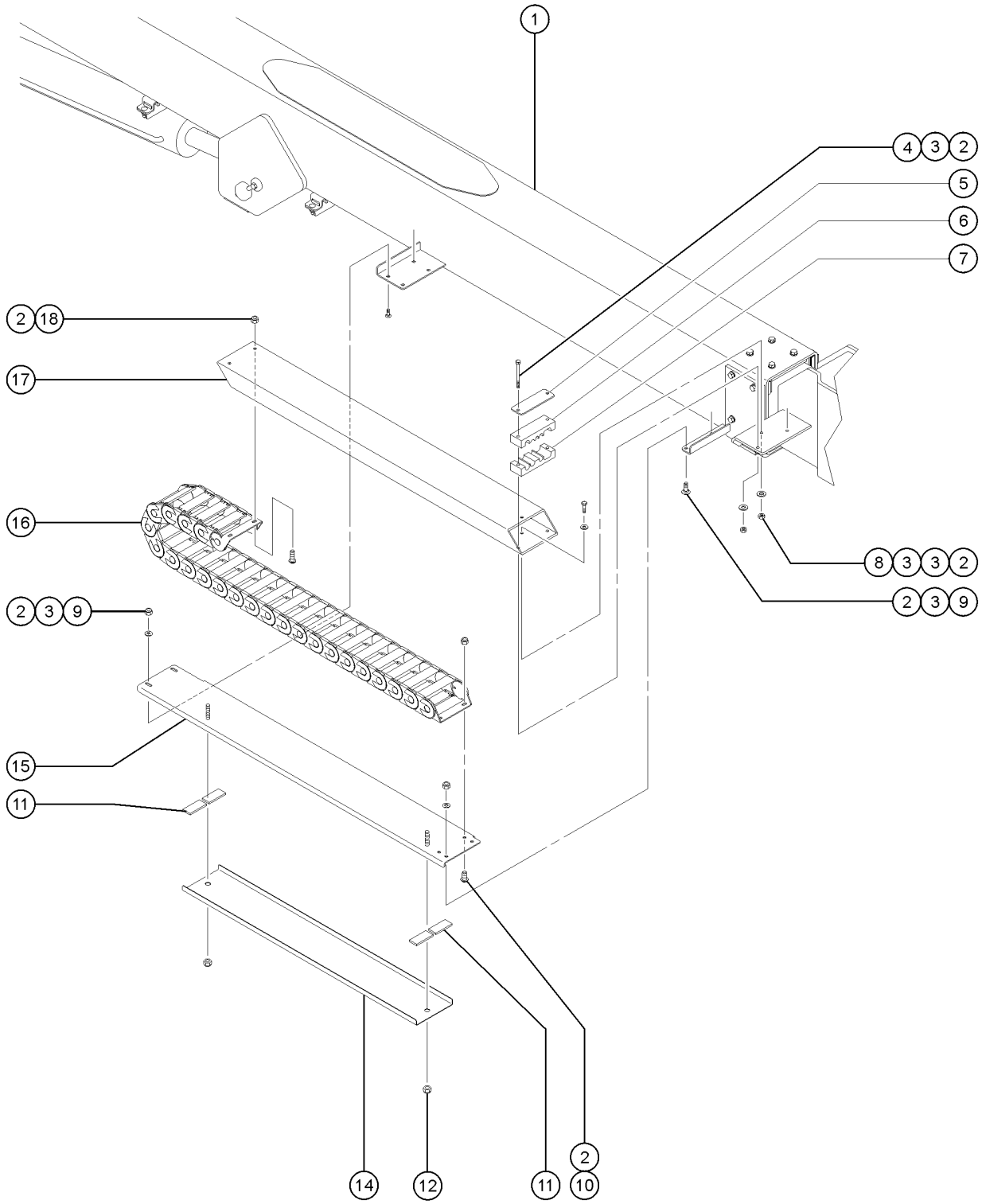
505.2 Cable Track (to SN 37889) (Jib models)



505.2 Cable Track (to SN 37889) (Jib models)

Item	Part No.	Description	Qty.
1		Ref. Primary Boom Tube Assembly (refer to 504.1)	
2	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	54830GT	SCREW,BHSC,1/4-20 X .88,Y/ZINC	
5	6326GT	SCREW,HHC,3/8-16 X 3	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	106804PGT	BACKING, HOSE CLAMP PTD	2
9	106585GT	CLAMP,HOSE Z-45 PRIMARY	2
10	106581GT	CLAMP,JIB HOSE Z45	2
10-	107901GT	CLAMP, ARCTIC HOSE Arctic Option	
11B	54983GT	WLDMNT,CABLE TRACK TRAY,JIB (Z-45/25J)	1
12	6091GT	NUT,NYLOCK,1/4-20	
13	14297GT	SCREW,BHHS,1/4-20 X .75	
14	7713GT	NUT, LP NYLOCK, 3/8-16	
15B	54984PGT	CHANNEL,CABLE TRK COVER,JIB,PA (Z-45/25J)	1
16C	50451GT	CABLE TRACK,PLASTIC,26 LINK* (Z-45/25J)	1
16C-	58919GT	REPAIR LINK,7 LINKS*** for 50451	
16C-	58927GT	LINK,NYLATRAC KS6-5.4*** for 50451	
16C-	58920GT	REPAIR LINK END SET (42763)* for 50451	
17B	54461GT	TUBE,CABLE TRACK ARM,JIB (Z-45/25J)	1

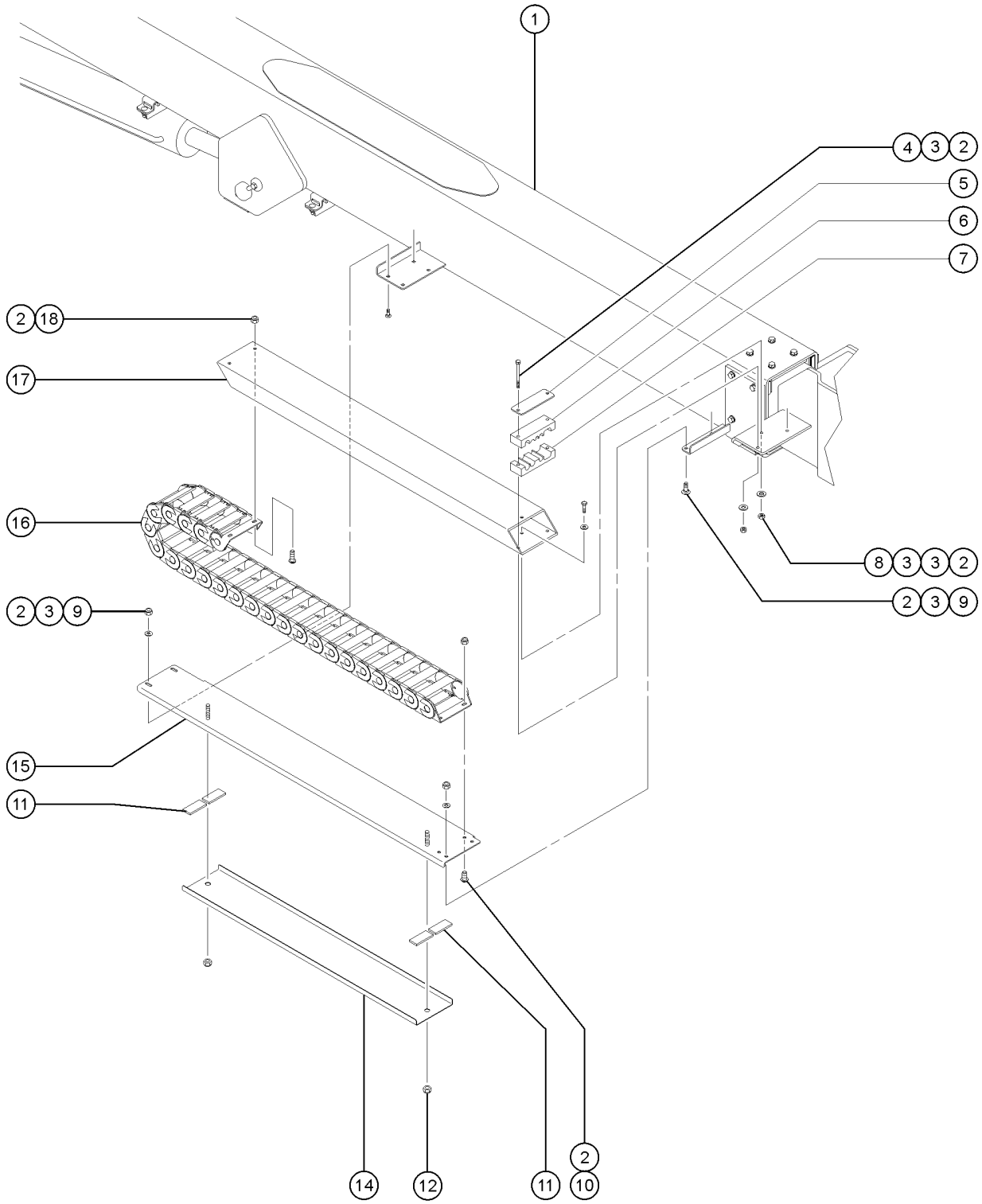
505.3 Cable Track (from SN 08A-37890 and from 12B-2245 and from 13D101), Z-45/25



505.3 Cable Track (from SN 08A-37890 and from 12B-2245 and from 13D101), Z-45/25

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	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
13			
14A	128596GT	COVER, CABLETRACK TRAY, Z51 Z-45/25	1
15A	139779GT	WELDMENT, CABLETRACK TRAY Z-45/25	1
16A	50452GT	CABLE TRACK,PLASTIC,35 LINK Z-45/25 to SN Z452509A-38978	
16A-	58919GT	REPAIR LINK,7 LINKS*** for 50452	
16A-	58920GT	REPAIR LINK END SET (42763)* for 50452	
16A-	58927GT	LINK,NYLATRAC KS6-5.4*** for 50452	
16B	139701GT	CABLE TRACK, NP400, 31 LINK Z-45/25 from SN Z452509A-38979	1
16B-	111052GT	REPAIR LINK,NP400-7*** for 139701	
16B-	111051GT	REPAIR LINK,7 LINKS NP400-7*** for 139701	
16B-	111053GT	REPAIR END BRKT SET,NP400-7*** for 139701	
17A	128597GT	TUBE, CABLETRACK ARM, Z51 Z-45/25	1
18	14297GT	SCREW,BHHS,1/4-20 X .75	

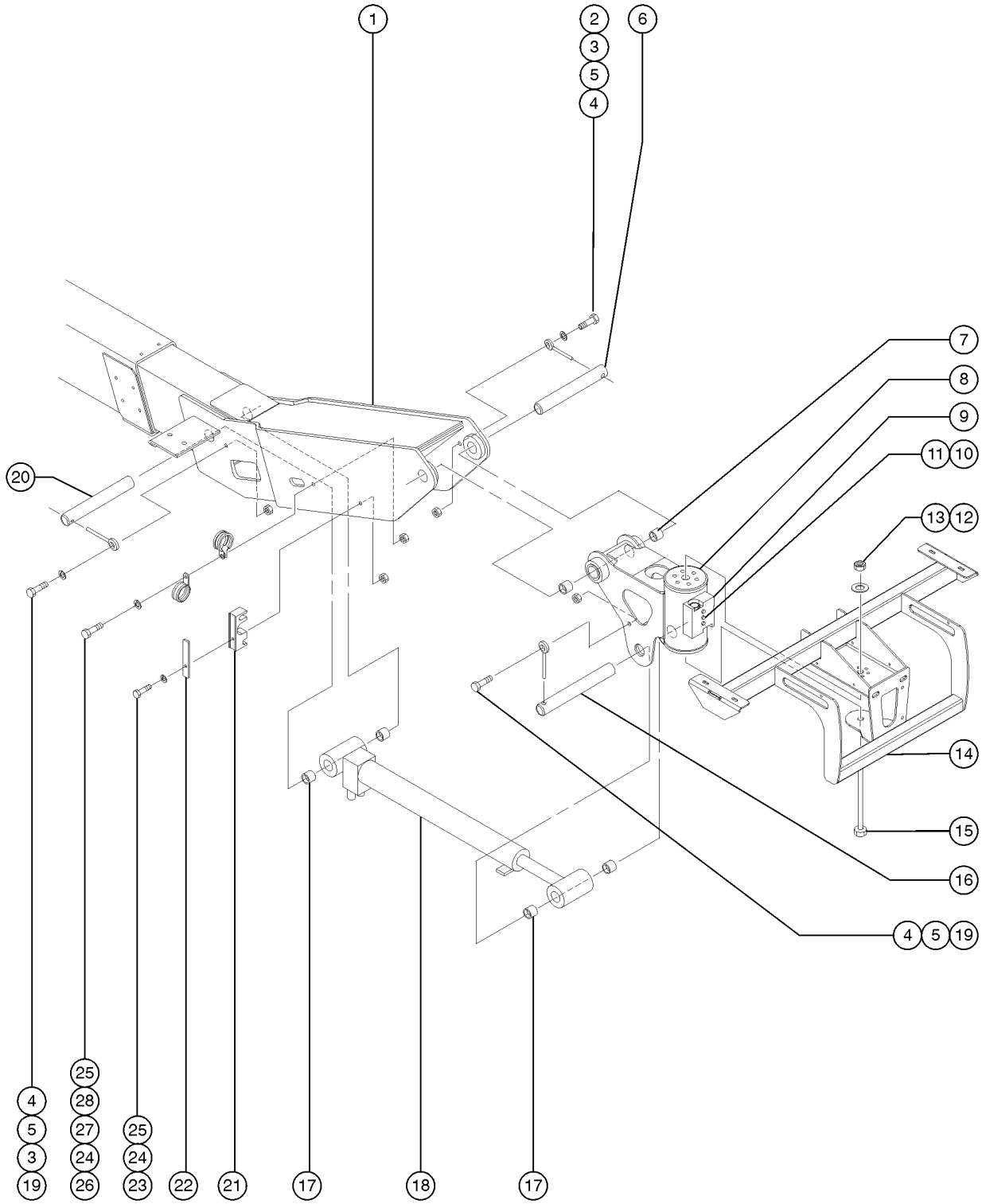
505.4 Cable Track (from SN 08A-37890 and from 12B-2245 and from 13D101), Z-45/25J



505.4 Cable Track (from SN 08A-37890 and from 12B-2245 and from 13D101), Z-45/25J

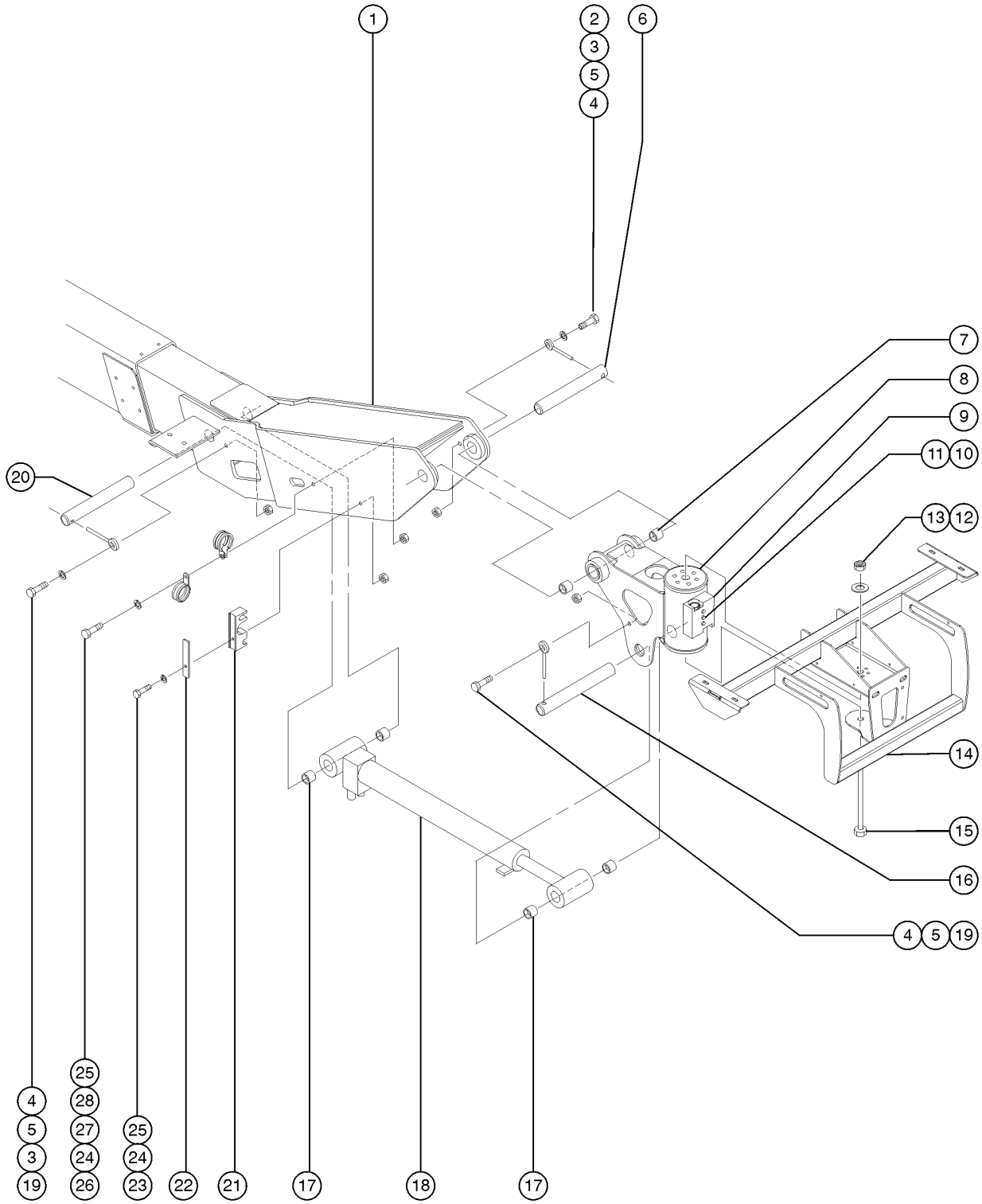
Item	Part No.	Description	Qty.
1		PRIMARY BOOM ASSY refer to section 504	
2	6091GT	NUT,NYLOCK,1/4-20	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	12343GT	SCREW,HHC,1/4-20 X 3	
5	128862GT	BACKING PLATE, PULLTUBE	1
6	128310GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
7	128311GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
8	6888GT	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	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
13			
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	

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



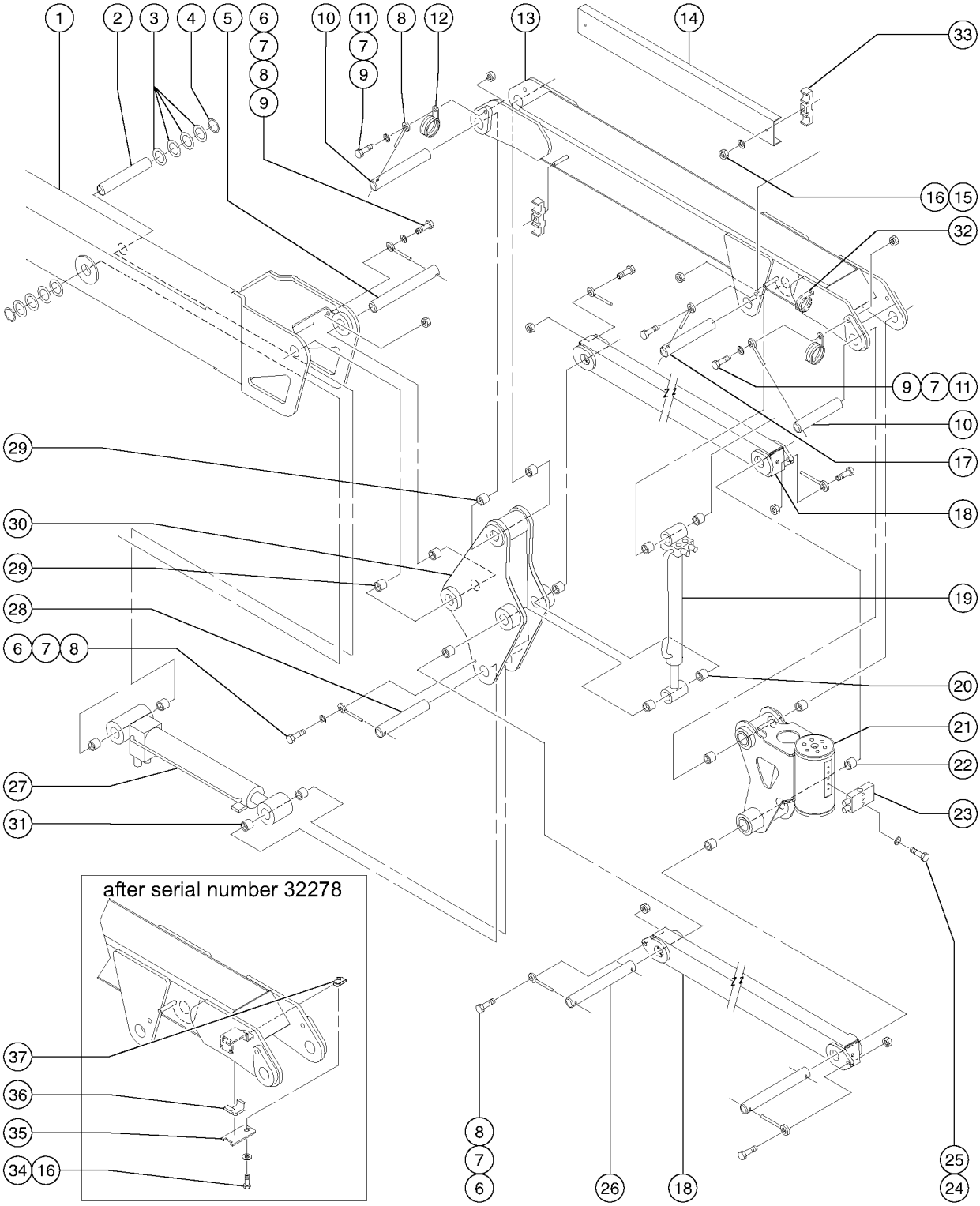
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	129 inches
1		Ref. Primary Boom Tube Assembly (refer to 504.1)	
2	8516GT	SCREW, HCC, 3/8-16 X 1.50	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	7713GT	NUT, LP NYLOCK, 3/8-16	
5	825019GT	ROD END, .375X3.69, ZAG	
6	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
7	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	2
8	233716GT	ROTATOR,PLAT,Z45 includes item 7; non-jib units	1
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** non-jib models	1
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 includes item 17	1
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
21A	106526GT	CLAMP,HOSE ROUTE,2X#4,LOOM (to SN 39070)	1
21B	139687GT	CLAMP, #4 HOSE, AIR AND LOOM (from SN 39071) (shown)	

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



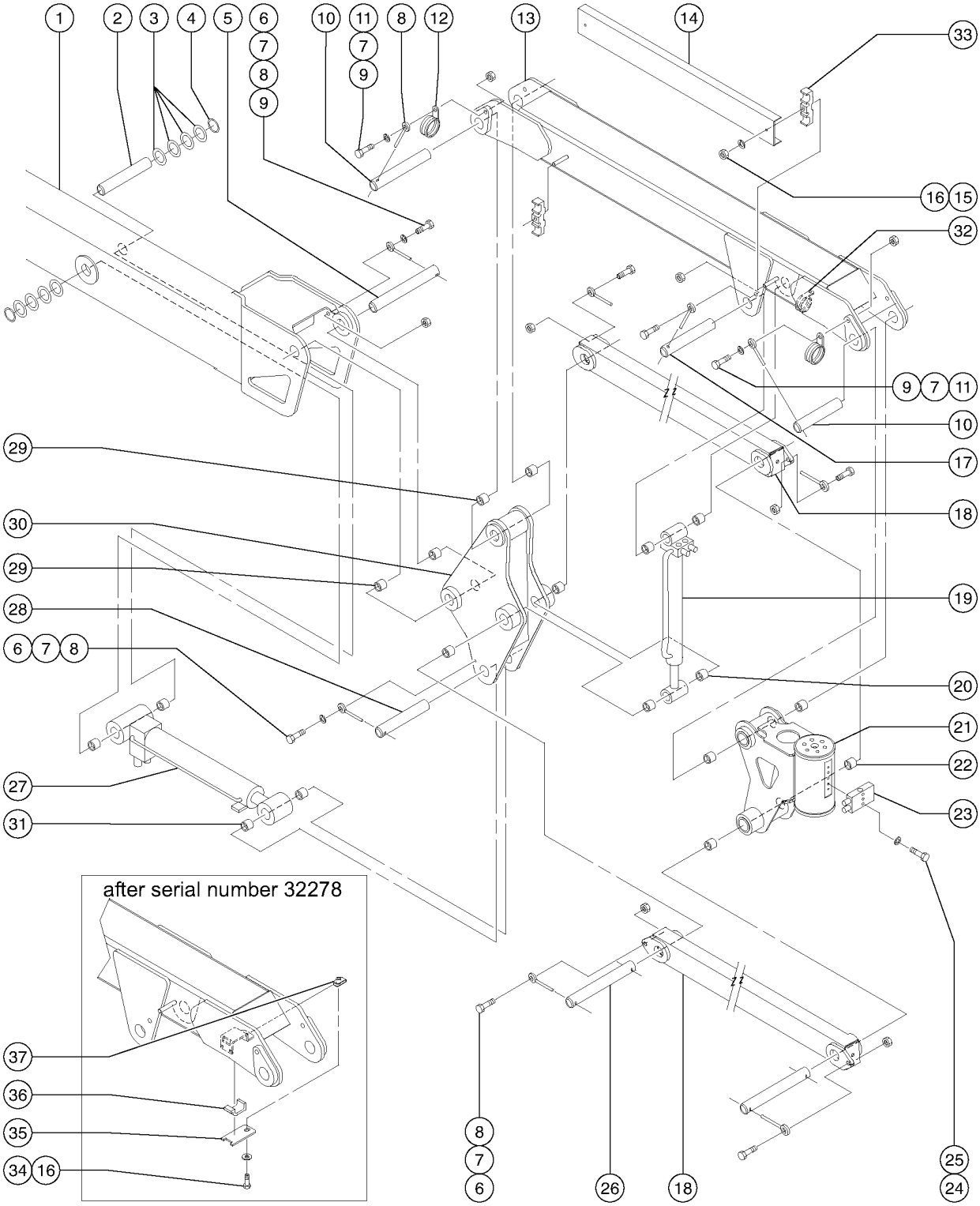
Item	Part No.	Description	Qty.
22A	107595GT	BRACKET,HOSE CLAMP SUPPORT (to SN 39070)	1
22B	139688GT	BRACKET, HOSE CLAMP SUPPORT (from SN 39071) (shown)	
23	36294GT	SCREW,HHC,1/4-20 X 2.75	
24	6638GT	WASHER, FLAT, USS, 1/4"Y	
25	6091GT	NUT,NYLOCK,1/4-20	
26	6888GT	SCREW, HHC, 1/4-20 X 1	
27	21619GT	CLAMP,1.50,#24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

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



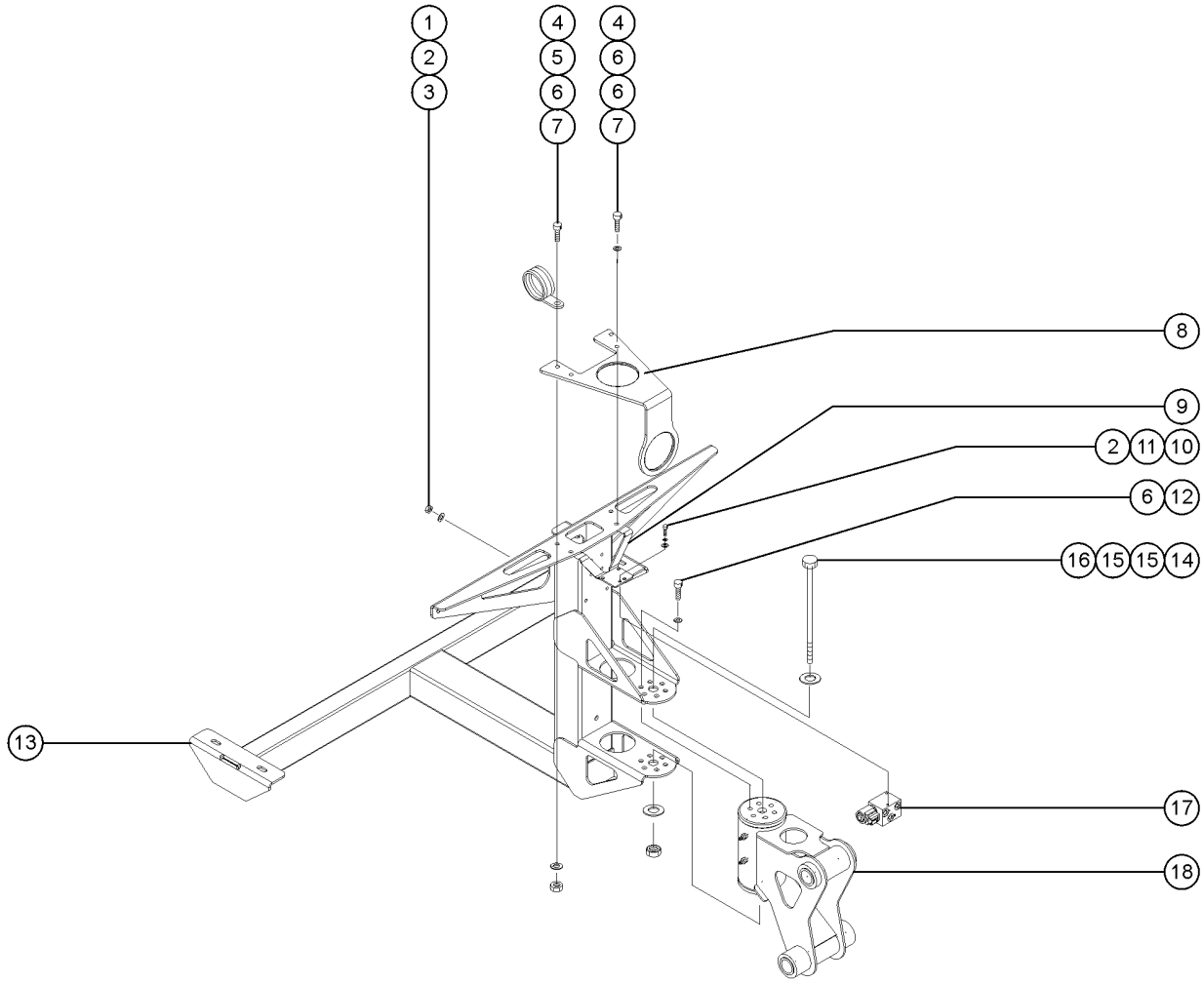
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	129 inches
1		Ref. Primary and Extension Booms (refer to 504.1)	
2	50546GT	PIN,1.25DIAX6.36LG,2RING	1
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
4	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
5	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
6	6019GT	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

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



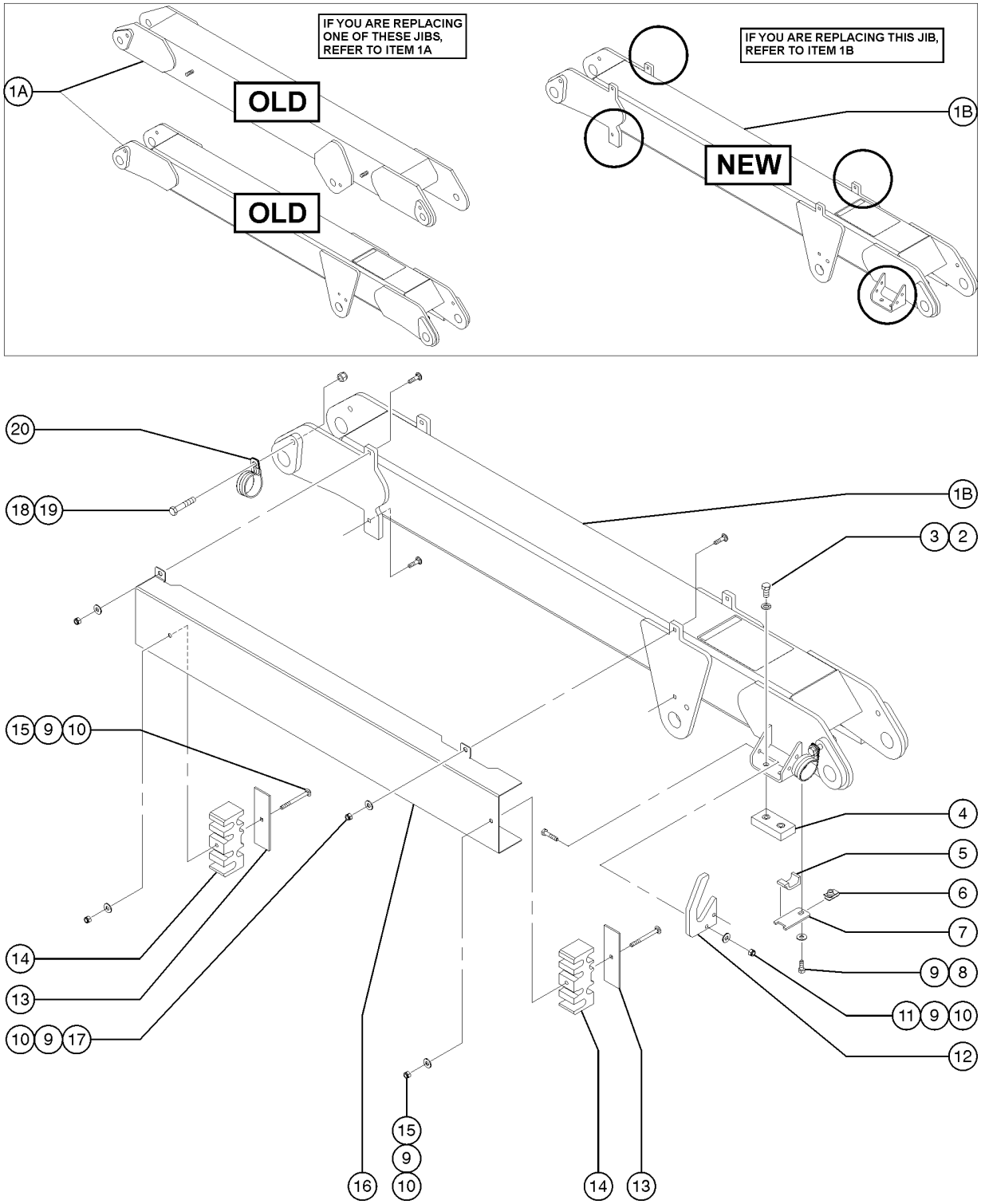
Item	Part No.	Description	Qty.
23		Ref. Counterbalance Manifold (refer to 703.1)	
24	8915GT	SCREW, HHC, 1/4-20 X 1.25	
25	6356GT	WASHER, LOCK, .25	
26	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
27	77363GT	CYLINDER,LEVELING,BELLCRANK,Z-45 includes item 31	1
27-	77364GT	SEAL KIT, LEVELING CYLINDER	
27-	54065GT	VALVE,COUNTERBALANCE,3500***	
28	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
29	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	6
30	50466-SGT	BELLCRANK,JIB,WELD/Z45/25*** includes item 29	1
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 Artic 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-.15X.54,ZAG	

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



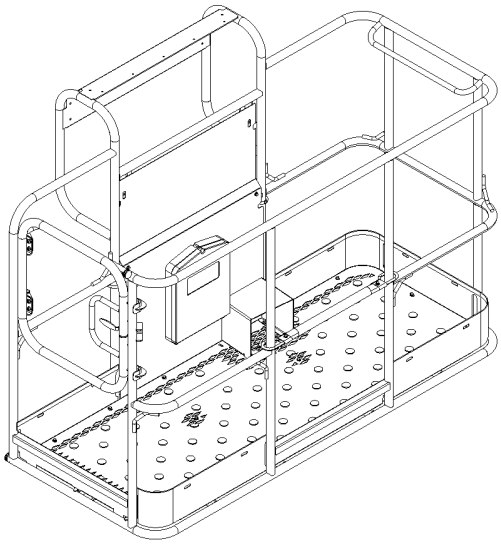
Item	Part No.	Description	Qty.
1	6091GT	NUT,NYLOCK,1/4-20	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	36294GT	SCREW,HHC,1/4-20 X 2.75	
4	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
5	49863GT	CLAMP,1.13,#18 X 3/8,RUB CUSH*	1
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	6782GT	NUT, NYLOCK, 5/16-18	
8	106163GT	FORMING,CABLE 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)	
18A		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	

509.1 Jib Detail (Z-45/25J)

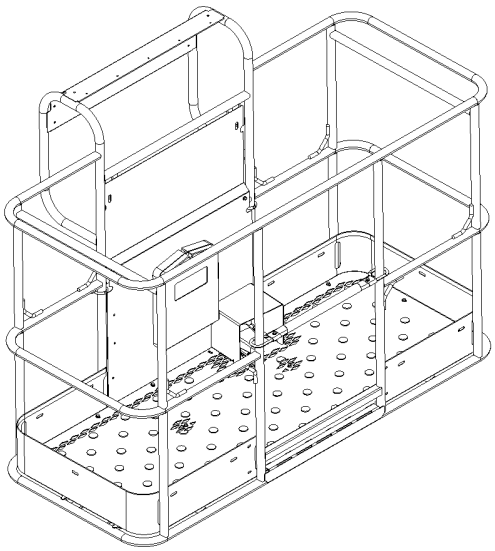


509.1 Jib Detail (Z-45/25J)

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



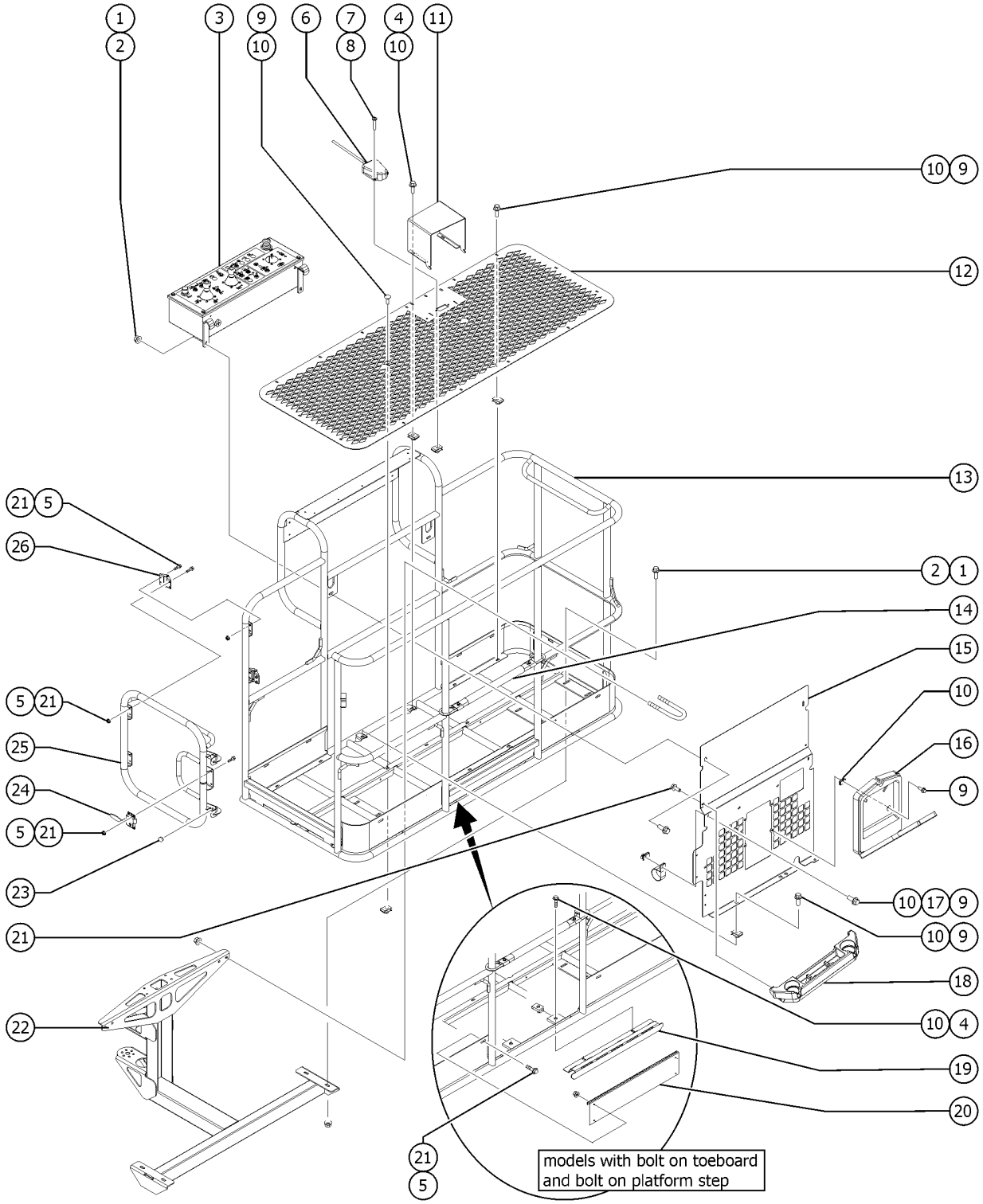
(1) Side Swing Gate Platform



(2) Front Single Entry Platform

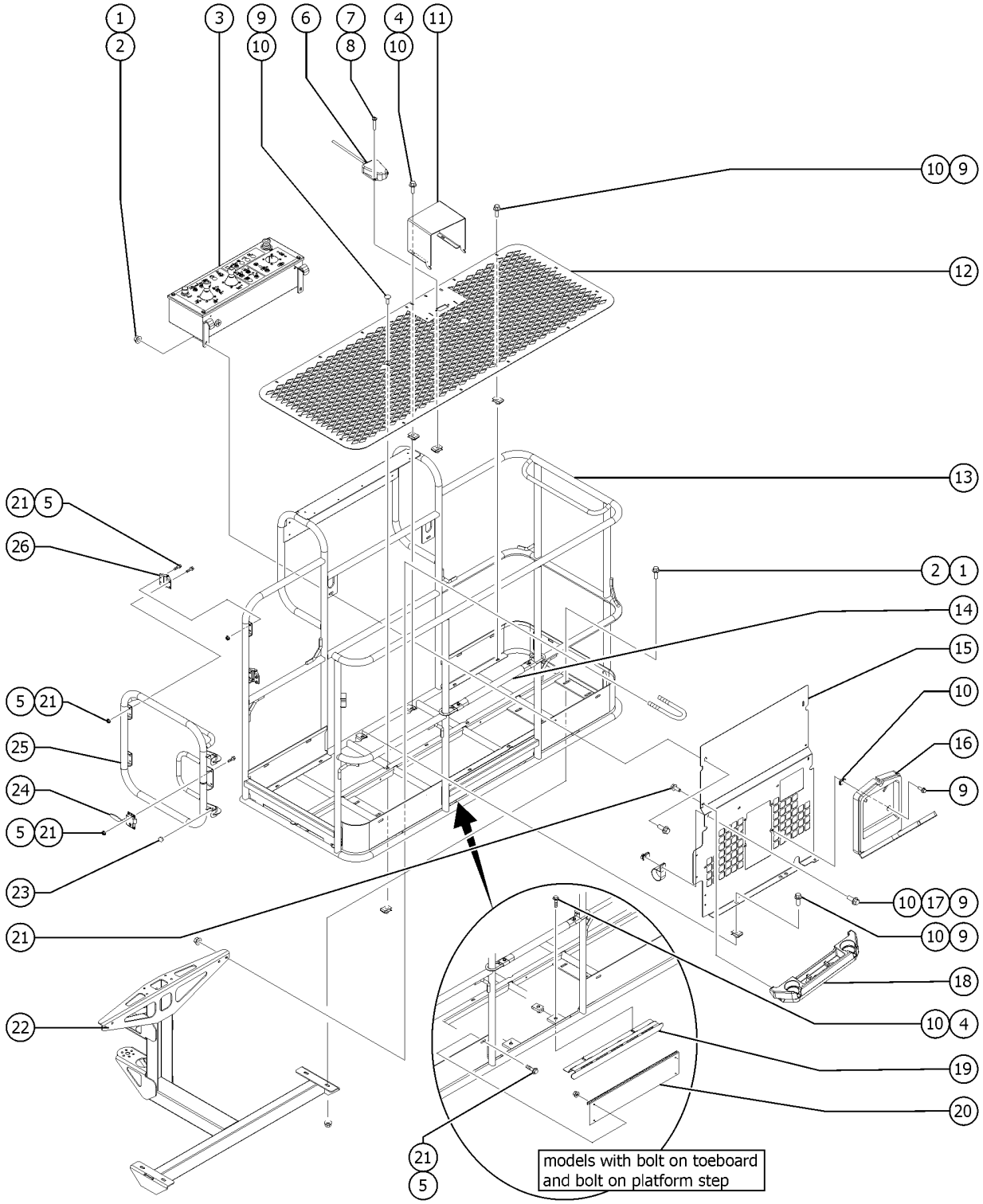
Item	Part No.	Description	Qty.
-		Complete Platform Assemblies with Decals	
A	1275393GT	PLAT ASSY,6' W/SIDE GATE,Z45DC/BI ANSI WORD USA and Canadian models	
B	1275394GT	PLAT ASSY,6' W/SIDE GATE,Z45DC/BI AUS Australian models (to 34010) (from SN A-34011 to A-40599)(from SN B-101 to B-1725)	
C	1275397GT	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	

602.1 Platform Components



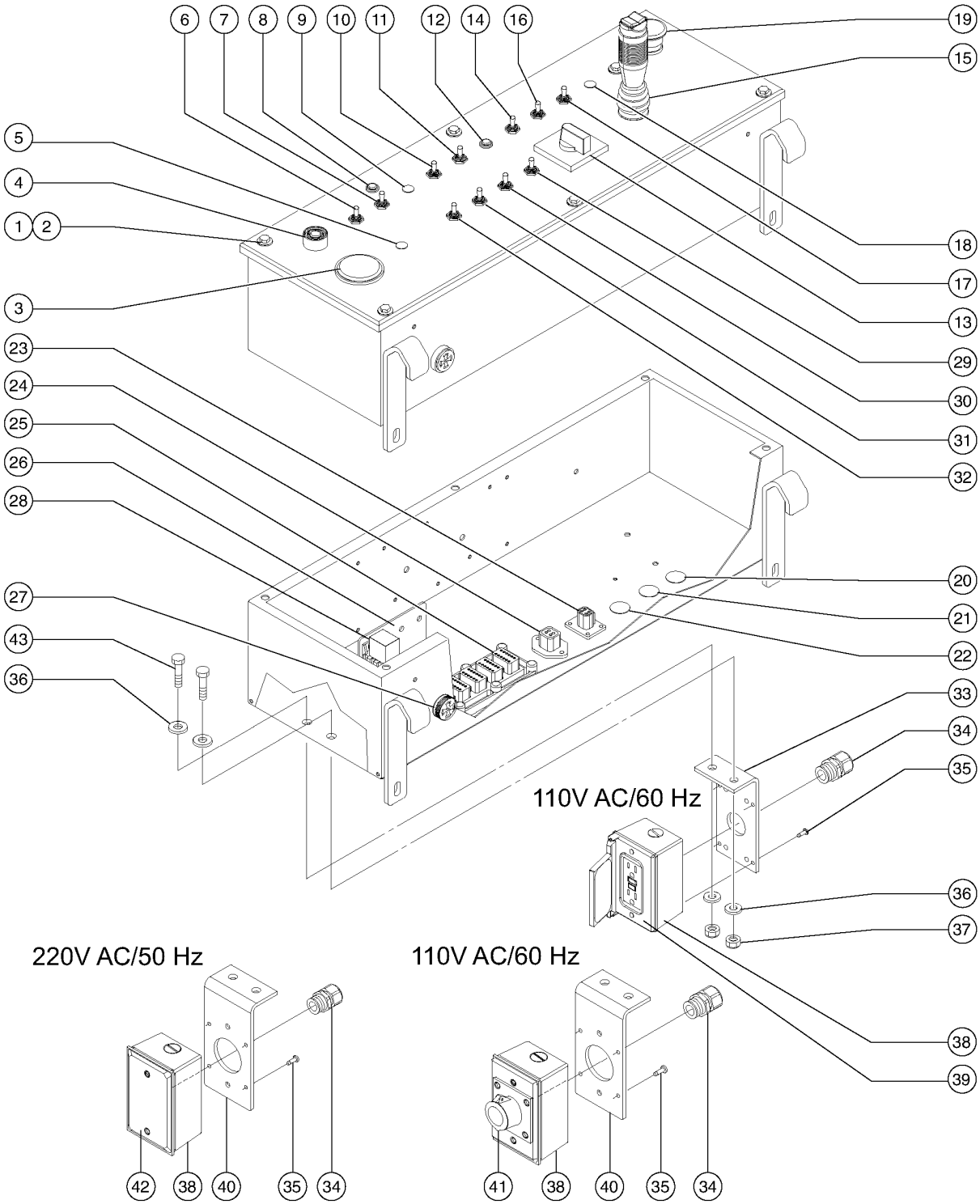
Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	
2	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
3		Ref. Platform Control Box (refer to 602.1 and 603.1)	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	2
6A	73233GT	ASSEMBLY,FOOT SWITCH*** (to SN 41836)	1
-	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP (for PN 73233)	
-	20262GT	MICROSWITCH,13482 FOOTSWITCH (for PN 73233)	
-	43960GT	WIRE CABLE,16/4 CON.TPE JKT (for PN 73233)	66 inches
-	73739GT	BOOT,PLUG 4 WAY (for PN 73233)	
6B	228468GT	KIT, FOOTSWITCH, Z45 & Z51 (upgrade kit) (to SN 41836)	1
-	227617GT	ASSEMBLY,FOOT SWITCH (for PN 228468)	
6C	227617GT	ASSEMBLY,FOOT SWITCH (from SN 41837)	1
6C-	227564GT	FOOT SWITCH,20A IP65	1
6C-	1326087GT	MICRO SWITCH	1
7	1256460GT	SCREW,PHPM,10-24X1,ZAG	2
8	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	2
9	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
11	147121GT	COVER, FOOT SWITCH, LARGE	1
12A	1267746GT	FLOORING, 72X30 PLATFORM	1
12B	73477PGT	FLOORING, 6'FT PLATFORM (for single entry)	1
12C	54247PGT	FLOORING,5 FT PLATFORM,PAINTED	1
12D	60160PGT	FLOORING,4 FT PLATFORM,PAINTED	1
13		Ref. Platform Weldment (refer to 601.1)	1
14	102992GT	SLIDING MIDRAIL KIT,PTD (includes fasteners)	1
15A	1275088GT	FORMING, ALUM. DECAL PLATE	1

602.1 Platform Components



Item	Part No.	Description	Qty.
15B	89337GT	PLATFORM ASSY 8FT W/DECALS ANS (Painted, Steel)	1
16	24514GT	BOX, INSTRUCTION STORAGE** (decals not included, refer to section 100)	1
17	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	2
18	1289552GT	KIT, PLATFORM WORK TRAY	1
19	73610GT	STEP PLATFORM ENTRY	1
20	94745GT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
21	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	
22A		WELDMENT, Z45 PLATFORM SUPPORT, NO JIB (refer to 506.1) (non-jib models)	1
22B		WELDMENT,PLATFORM SUPPORT (refer to 508.1) (jib models)	1
22C		Ref. Platform Support (refer to 906.1) (models with plarform overload option)	1
23	43392GT	BUMPER,BATTERY BOX & RAILS	2
24	1267747GT	LATCH, SWING GATE	1
25	1272307GT	ASSY,SIDE SWING GATE	1
26	104804GT	HINGE, SPRING, LONG LEG	2
27	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2

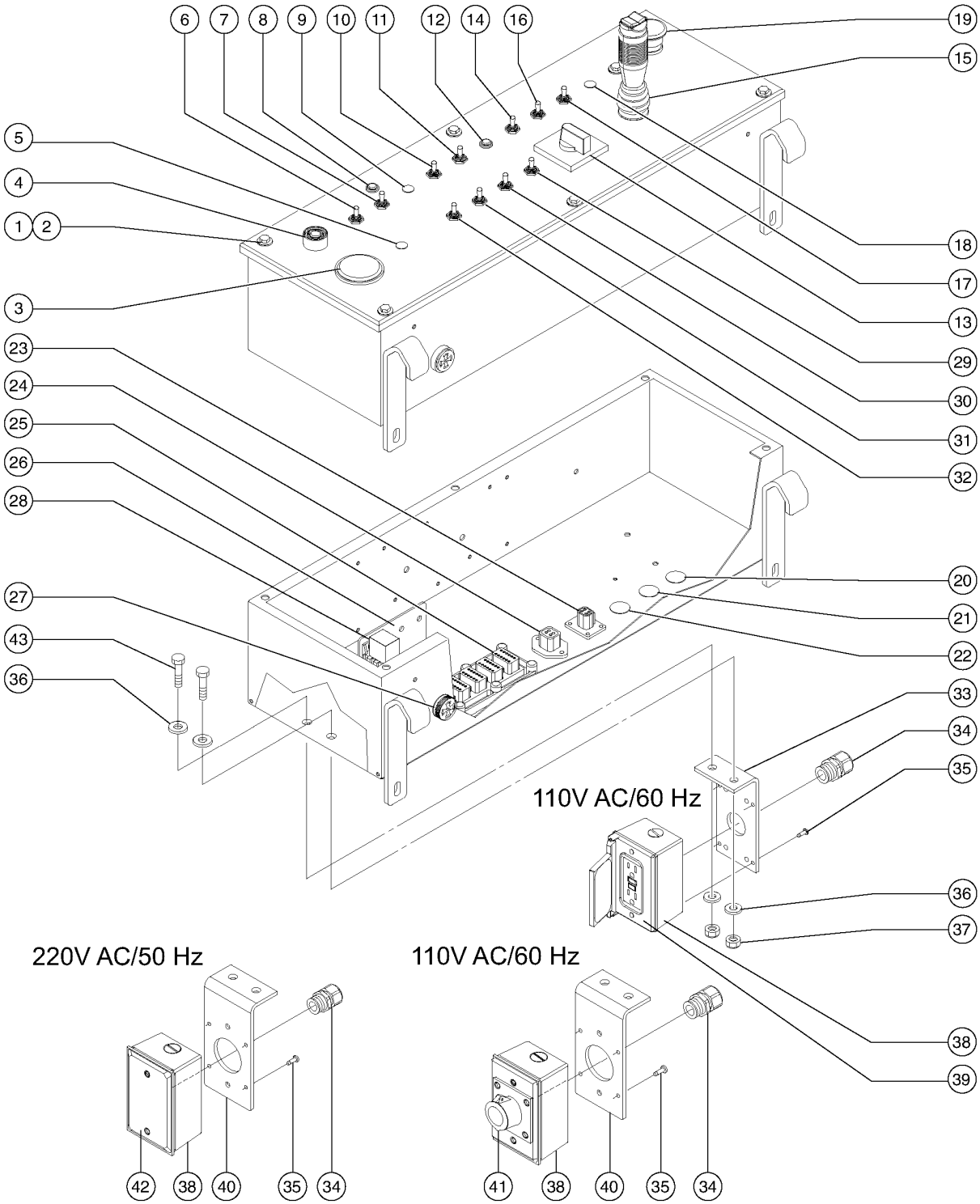
603.1 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25



603.1 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25

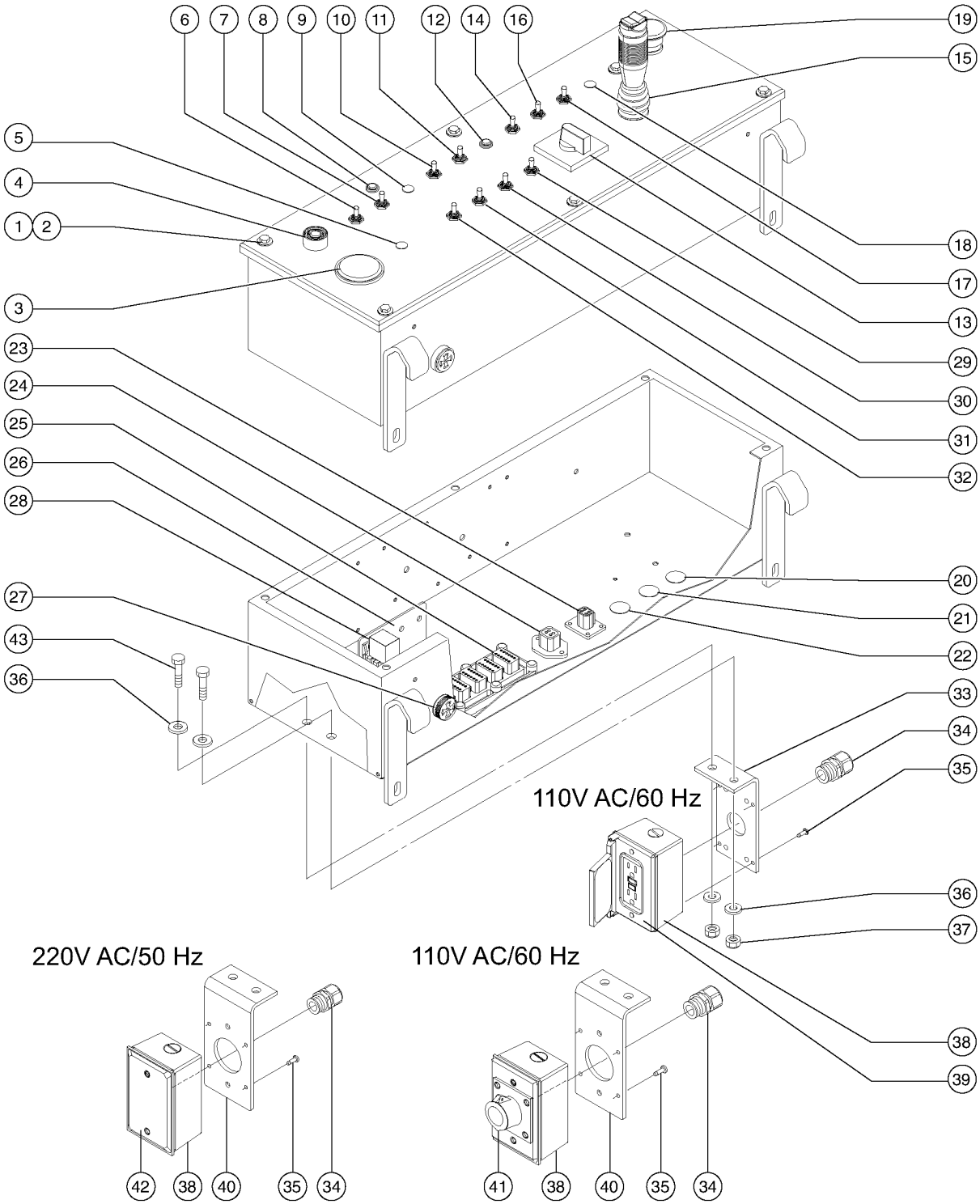
Item	Part No.	Description	Qty.
	101579GT	PLAT. CONTROL BOX W/DECAL	
	147253GT	TIME DELAY RELAY,2 SEC,24VDC from SN 10A-39314	
1	8914GT	SCREW, HHC, 1/4-20 X .625	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3A	119794GT	ACC RETRO KIT LVI/BCI E II Z Can only be used to upgrade machines which already have the LVI/BCI option installed from the factory; to SN 31014	1
3A-	110651GT	LVI/BCI 36/48 VOLT ENGAGE II	
3A-	110652GT	GASKET LVI/BCI ENGAGE II	
3A-	110653GT	BRACKET ENGAGE II	
3A-	107992GT	HARN RETRO LVI/BCI ENGAGE II	
3A-	110654GT	CONN, PLUG, 8 WAY, MOLEX	
3B	110651GT	LVI/BCI 36/48 VOLT ENGAGE II (models with low voltage indicator/battery charge indicator) from SN 31015	
3B-	110652GT	GASKET LVI/BCI ENGAGE II	
3B-	110653GT	BRACKET ENGAGE II	
3B-	110654GT	CONN, PLUG, 8 WAY, MOLEX	
3B-	110655GT	HARN LVI/BCI ENGAGE II Z45DC from SN 31015 to 38913	
3B-	128940GT	RELAY HARN,PBOX LVI OPTION from SN 38913; must order with 128941	
3B-	128941GT	HARNESS LVI/BCI ENGAGE II from SN 38913; must order with 128940	
3C	237145GT	IND,BAT CHARGE,48V LEAD-ACID (models with battery charge indicator)	1
3D	128939GT	RELAY HARN,PBOX JIB OPTION from SN 38913	
4	122513GT	KIT,HORN SVC BB&SM BOOM	
4-	66813GT	BUTTON,PUSH,BLACK W/SEAL***	
4-	66815GT	BASE, W/1 N.O. CONTACTS***	
5	45384GT	PLUG,NYLON .50 BLACK DOMED from SN 27000 to 41670	3
5	229567GT	PLUG,SANTOPRENE .5 BLACK DOME from SN 41671	
6	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary Power; includes boot and hardware	1
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*	

603.1 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25



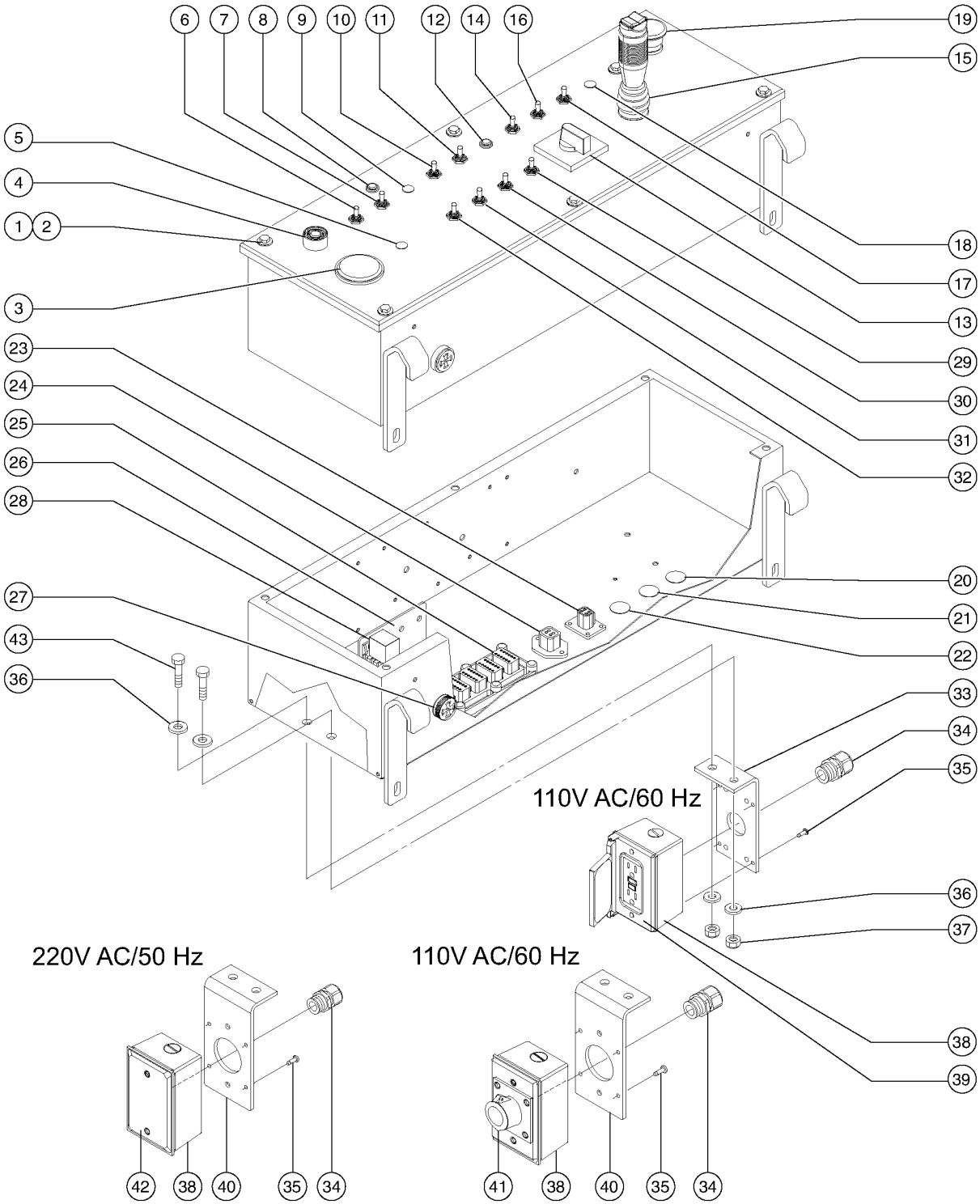
Item	Part No.	Description	Qty.
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Enable; includes boot and hardware	1
7-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
7-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
7-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
8	42725GT	LIGHT,INDICATOR,RED 28V	1
9A	45384GT	PLUG,NYLON .50 BLACK DOMED (Z-45/25)	
10	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate; includes boot and hardware	1
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 Platform Level; includes boot and hardware	1
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 603.1 or 604.1)	
16A	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	

603.1 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25



Item	Part No.	Description	Qty.
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 (from SN 39986)	
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	
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	54534GT	ANGLE,RELAY MNT,W/NUTSERTS,PNT	1
27	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
27-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
28	56302GT	RELAY,24VDC,40/30A,SEALED***	1
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	

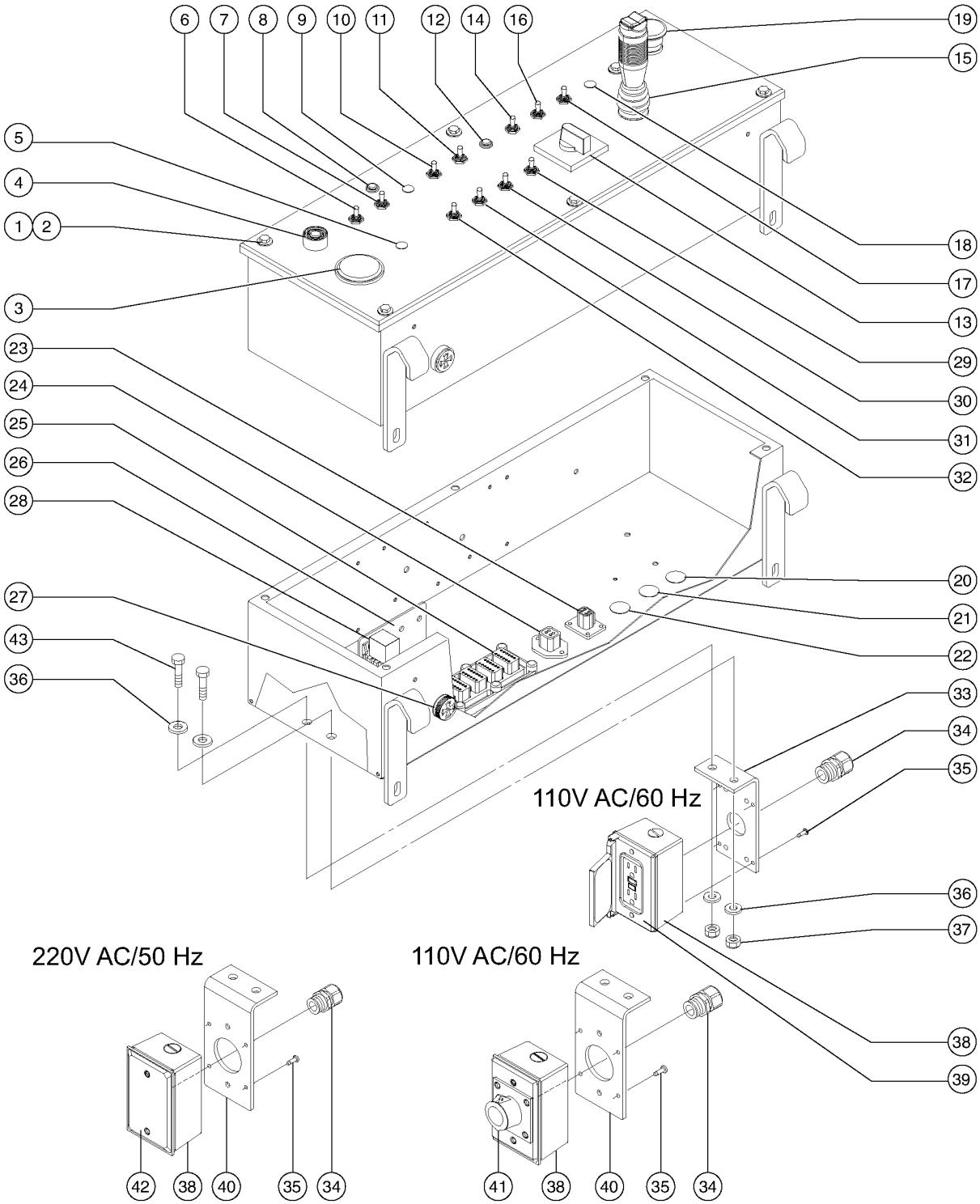
603.1 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25



603.1 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25

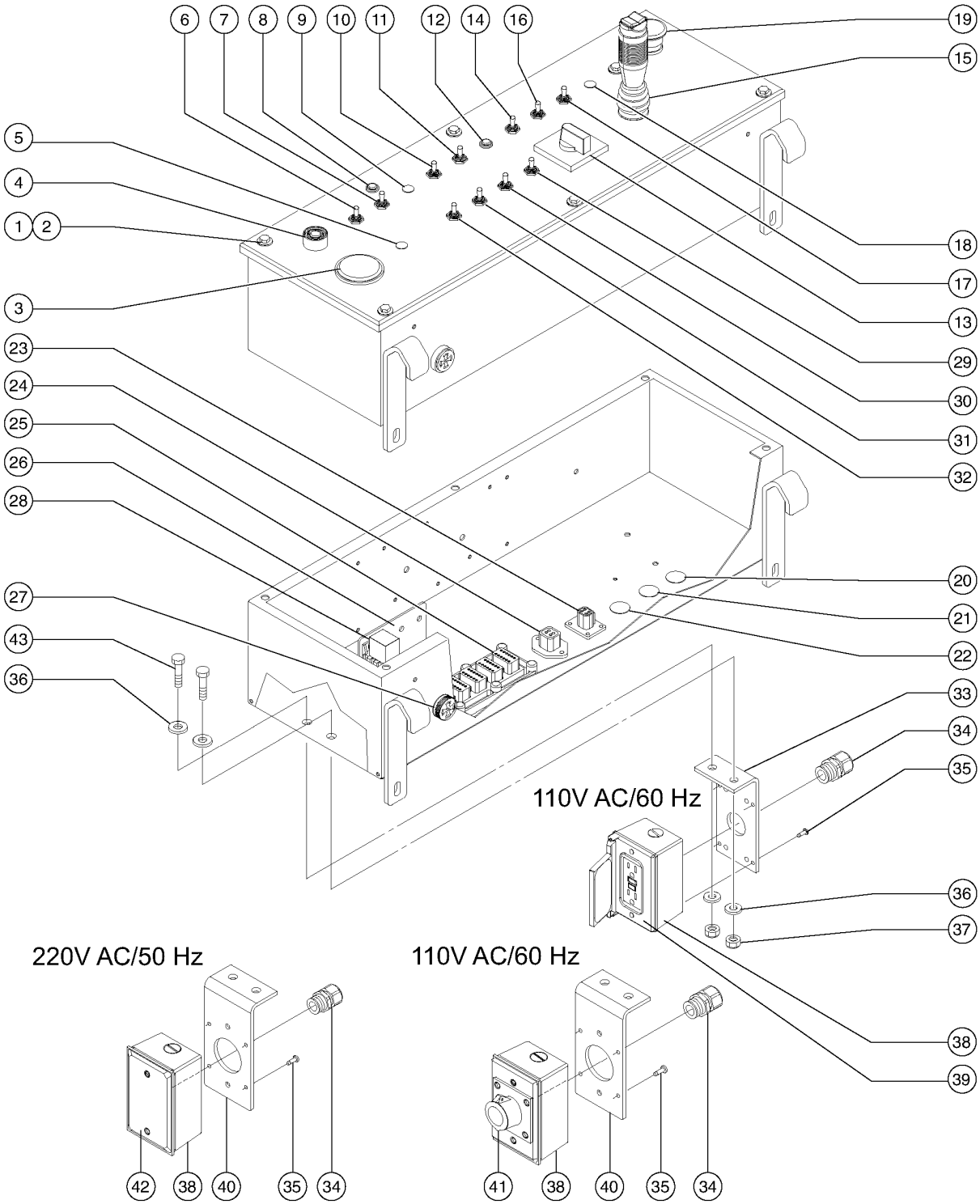
Item	Part No.	Description	Qty.
30-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
30-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
31	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Secondary Boom Up/Down; includes boot and hardware	1
31-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
31-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
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
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 USA/Canada	1
39-	74006GT	COVER,GFCI,HORIZONTAL,WEATHER USA/Canada	
40	81096GT	BRACKET,POWER TO PLAT, DOM	1
41A	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT Europe to SN 43390 (need for first time replacement)	1
41A-	T112561GT	PLATE,UK,POWER TO PLAT	
41A-	63375GT	SCREW, FHM, 6-32 X .75 for 33629	
41A-	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	
41B	T112560GT	RECEPTACLE,UK,110V from SN 43390	1
42	10777GT	COVER,BLANK	1
42-	81458GT	GASKET, UK POWER TO PLAT	

603.1 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25



Item	*Part No.*	*Description*	*Qty.*
42-	33724GT	KIT,GASKET,UK POWER TO PLAT	
43	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	

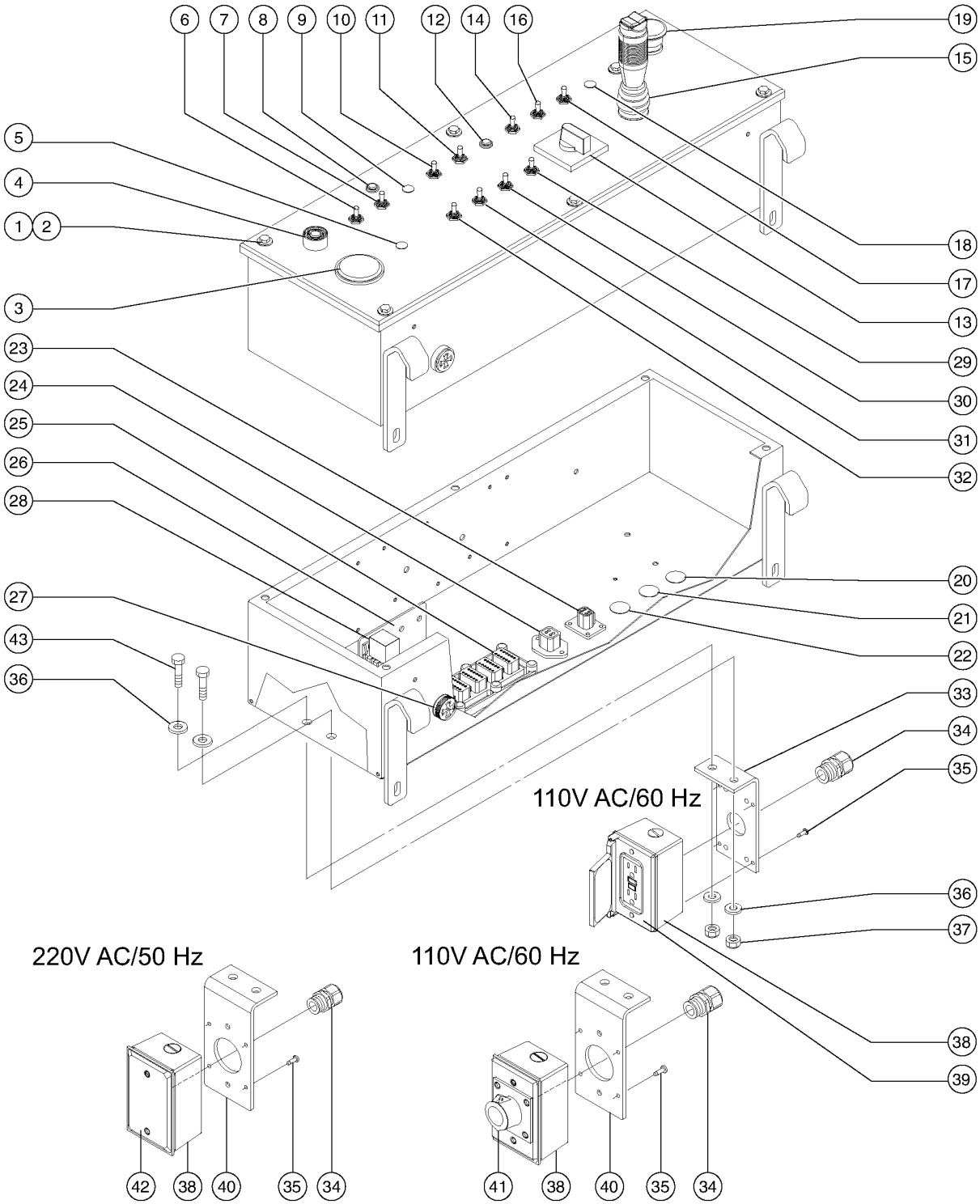
603.2 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25J



603.2 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25J

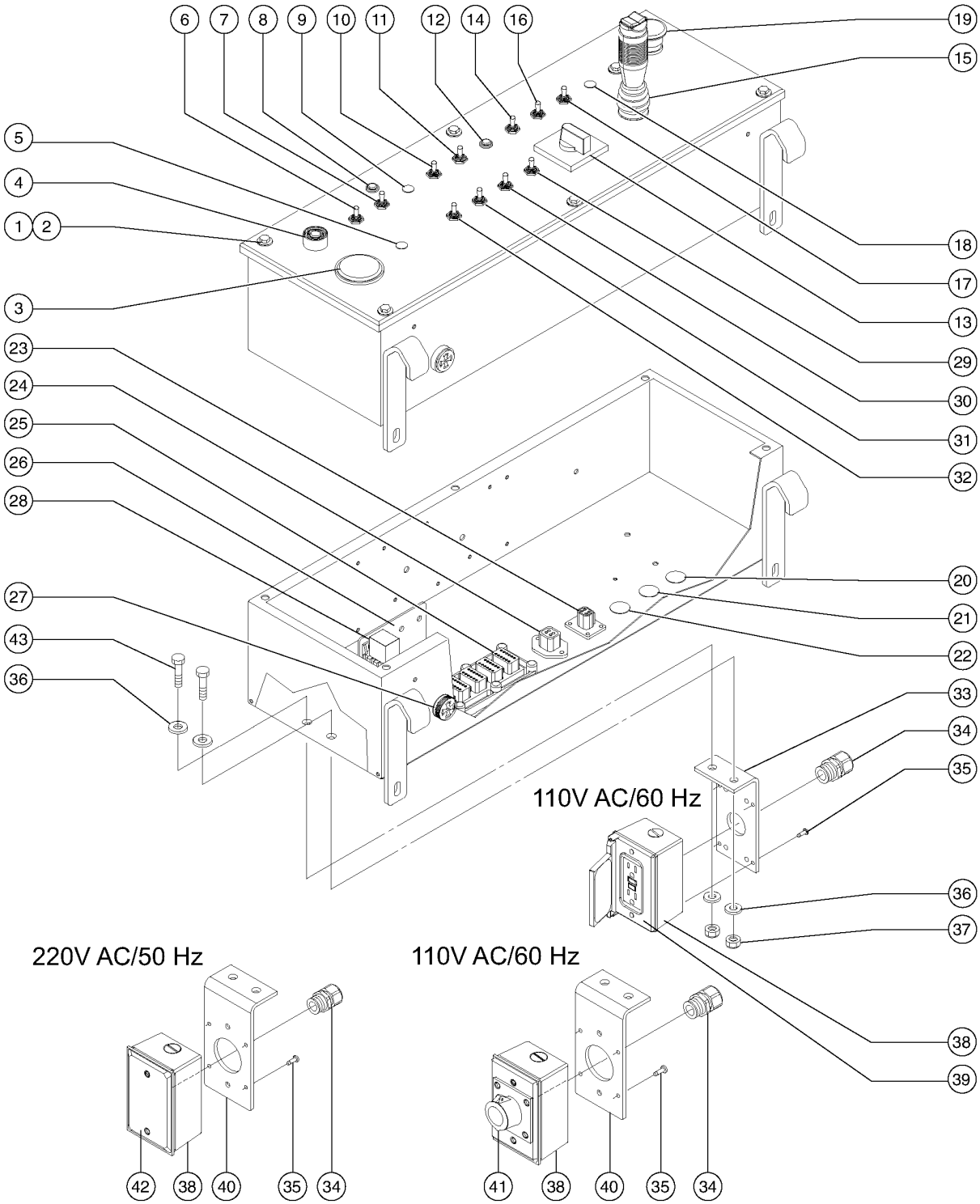
Item	Part No.	Description	Qty.
	101579GT	PLAT. CONTROL BOX W/DECAL	
	147253GT	TIME DELAY RELAY,2 SEC,24VDC from SN 10A-39314	
1	8914GT	SCREW, HHC, 1/4-20 X .625	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3A	119794GT	ACC RETRO KIT LVI/BCI E II Z Can only be used to upgrade machines which already have the LVI/BCI option installed from the factory; to SN 31014	1
3A-	110651GT	LVI/BCI 36/48 VOLT ENGAGE II	
3A-	110652GT	GASKET LVI/BCI ENGAGE II	
3A-	110653GT	BRACKET ENGAGE II	
3A-	107992GT	HARN RETRO LVI/BCI ENGAGE II	
3A-	110654GT	CONN, PLUG, 8 WAY, MOLEX	
3B	110651GT	LVI/BCI 36/48 VOLT ENGAGE II (models with low voltage indicator/battery charge indicator) from SN 31015	
3B-	110652GT	GASKET LVI/BCI ENGAGE II from SN 31015	
3B-	110653GT	BRACKET ENGAGE II from SN 31015	
3B-	110654GT	CONN, PLUG, 8 WAY, MOLEX from SN 31015	
3B-	110655GT	HARN LVI/BCI ENGAGE II Z45DC from SN 31015 to 38912	
3B-	128940GT	RELAY HARN,PBOX LVI OPTION from SN 38913; must order with 128941	
3B-	128941GT	HARNESS LVI/BCI ENGAGE II from SN 38913; must order with 128940	
3C	237145GT	IND,BAT CHARGE,48V LEAD-ACID (models with battery charge indicator)	1
3D	128939GT	RELAY HARN,PBOX JIB OPTION from SN 38913	
4	122513GT	KIT,HORN SVC BB&SM BOOM	
4-	66813GT	BUTTON,PUSH,BLACK W/SEAL***	
4-	66815GT	BASE, W/1 N.O. CONTACTS***	
5	45384GT	PLUG,NYLON .50 BLACK DOMED from SN 27000 to 41670	3
5	229567GT	PLUG,SANTOPRENE .5 BLACK DOME from SN 41671	
6	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Auxiliary Power; includes boot and hardware	1
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*	

603.2 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25J



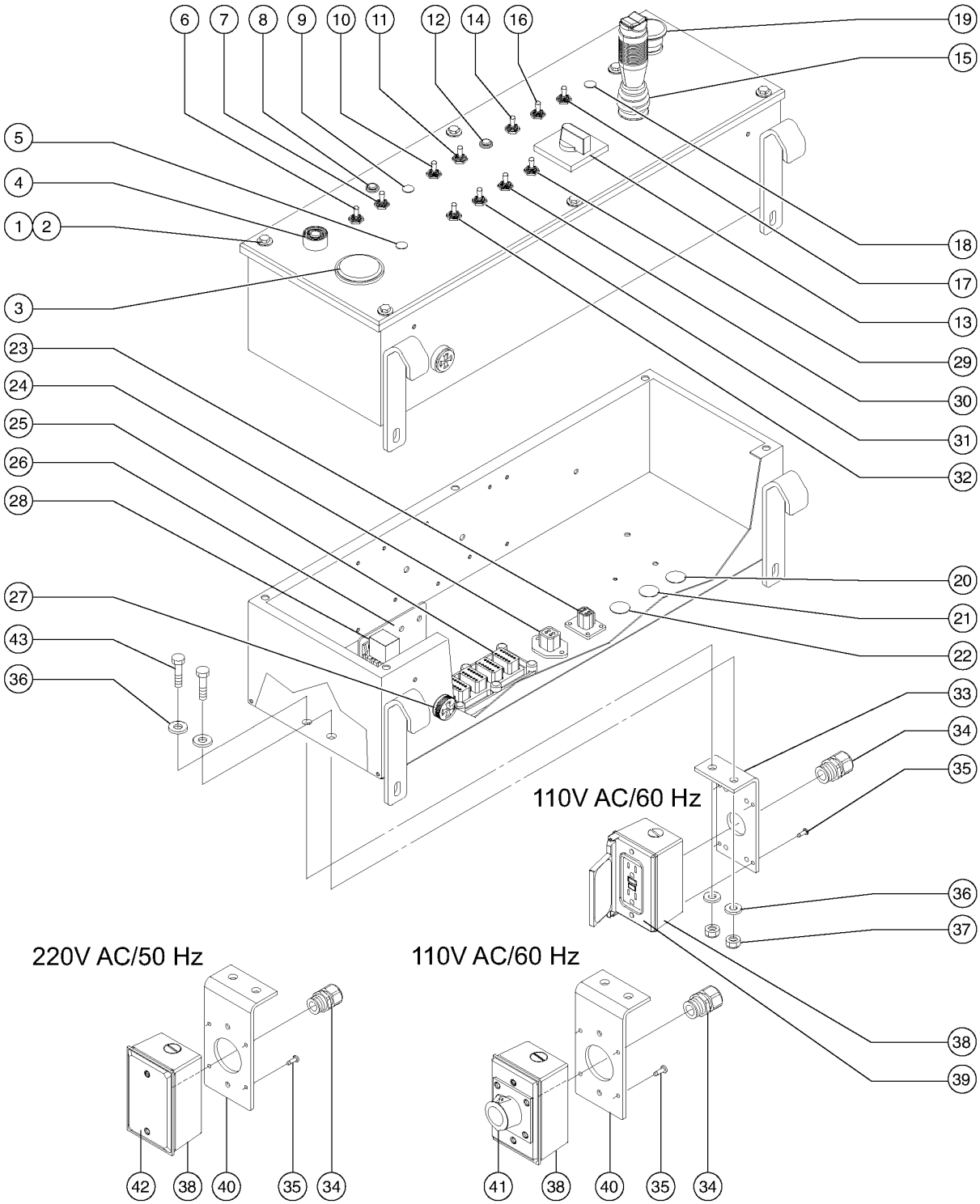
Item	Part No.	Description	Qty.
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Enable; includes boot and hardware	1
7-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
7-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
7-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
8	42725GT	LIGHT,INDICATOR,RED 28V	1
9B	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM (Z45/25J) Jib Boom Up/Down; includes boot and hardware	1
9B-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
9B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
9B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate; includes boot and hardware	1
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 Platform Level; includes boot and hardware	1
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	824878GT	LIGHT,LED IND. RED 24V NH	
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 603.1 or 604.1)	
16A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start (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*	

603.2 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25J



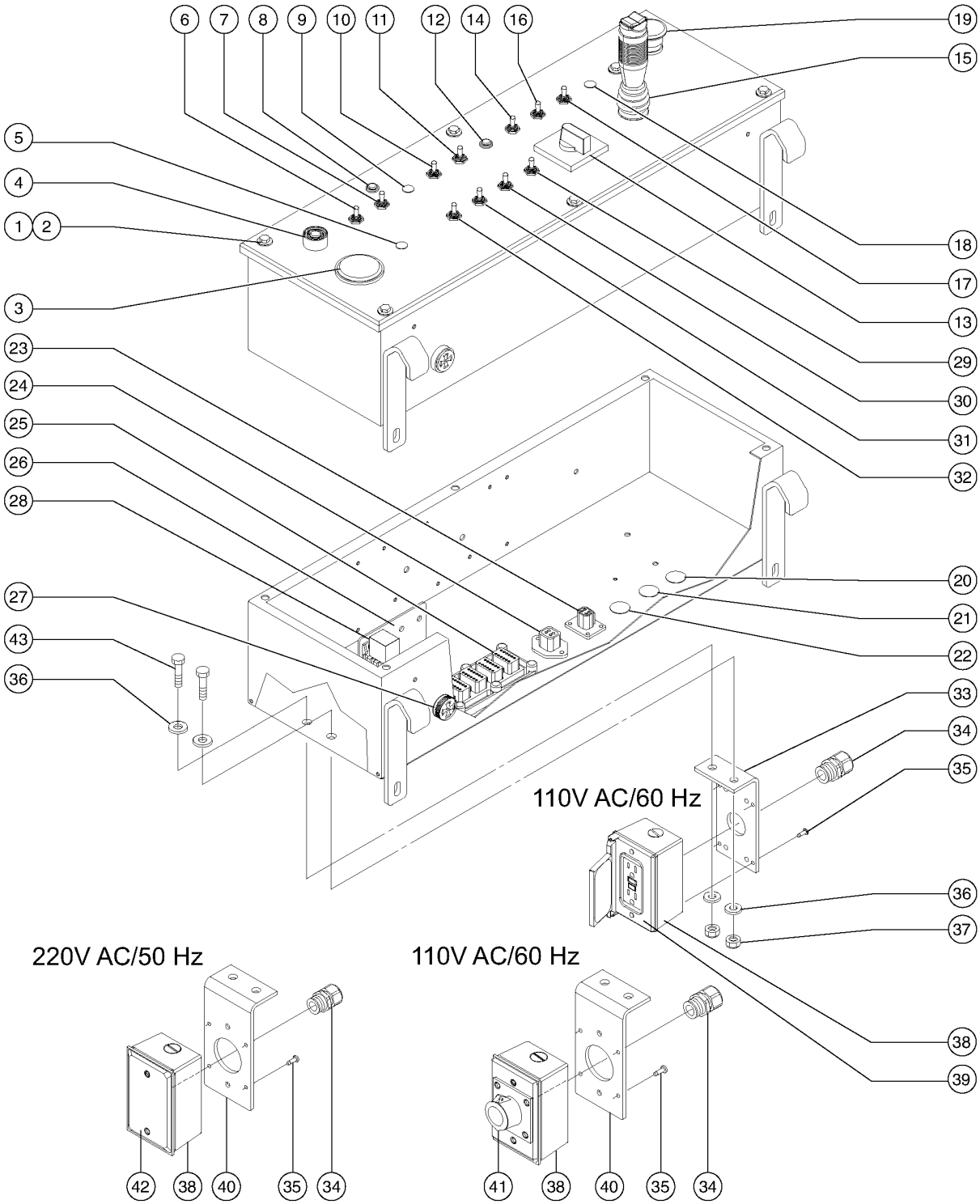
Item	Part No.	Description	Qty.
16B	45384GT	PLUG,NYLON .50 BLACK DOMED (DC) from SN 27000 to 41670	
16B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (DC) from SN 41671	
17	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*	1
18	45384GT	PLUG,NYLON .50 BLACK DOMED	
19	122514GT	KIT,ESTOP SVC BB&SM BOOM	
19-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
19-	66821GT	BASE,WITHOUT CONTACTS	
19-	66818GT	CONTACT,NC	
20	45385GT	PLUG,NYLON 1.12 BLACK DOMED	
21	45385GT	PLUG,NYLON 1.12 BLACK DOMED	
22	45385GT	PLUG,NYLON 1.12 BLACK DOMED	
22-	43957-8300GT	WIRE CABLE,14GA/4 CON.TPE JKT	
23	73723GT	CONN RECEPT,FLANGED	
23-	54259GT	TERM,NI PIN, 14-16GA,BULK	
23-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
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	54534GT	ANGLE,RELAY MNT,W/NUTSERTS,PNT	1
27	45383GT	ALARM,WARBLE TONE 5-30 VDC*** order 72326 retainer nut separately	1
27-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
28	56302GT	RELAY,24VDC,40/30A,SEALED***	1
29-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
29-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

603.2 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25J



Item	Part No.	Description	Qty.
29-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
29	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary Boom Ext/Ret; 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*	
30	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary Boom Up/Dn; 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*	
31	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Secondary Boom Up/Down; 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*	
32	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Turntable Rotate; includes boot and hardware	1
33	81096GT	BRACKET,POWER TO PLAT, DOM	1
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 USA/Canada	1
39-	74006GT	COVER,GFCI,HORIZONTAL,WEATHER USA/Canada	
40	81096GT	BRACKET,POWER TO PLAT, DOM	1
41A	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT Europe to SN 43390 (need for first time replacement)	1
41A-	33629GT	PLATE,UK POWER TO PLATFORM	
41A-	63375GT	SCREW, FHM, 6-32 X .75 for 33629	2

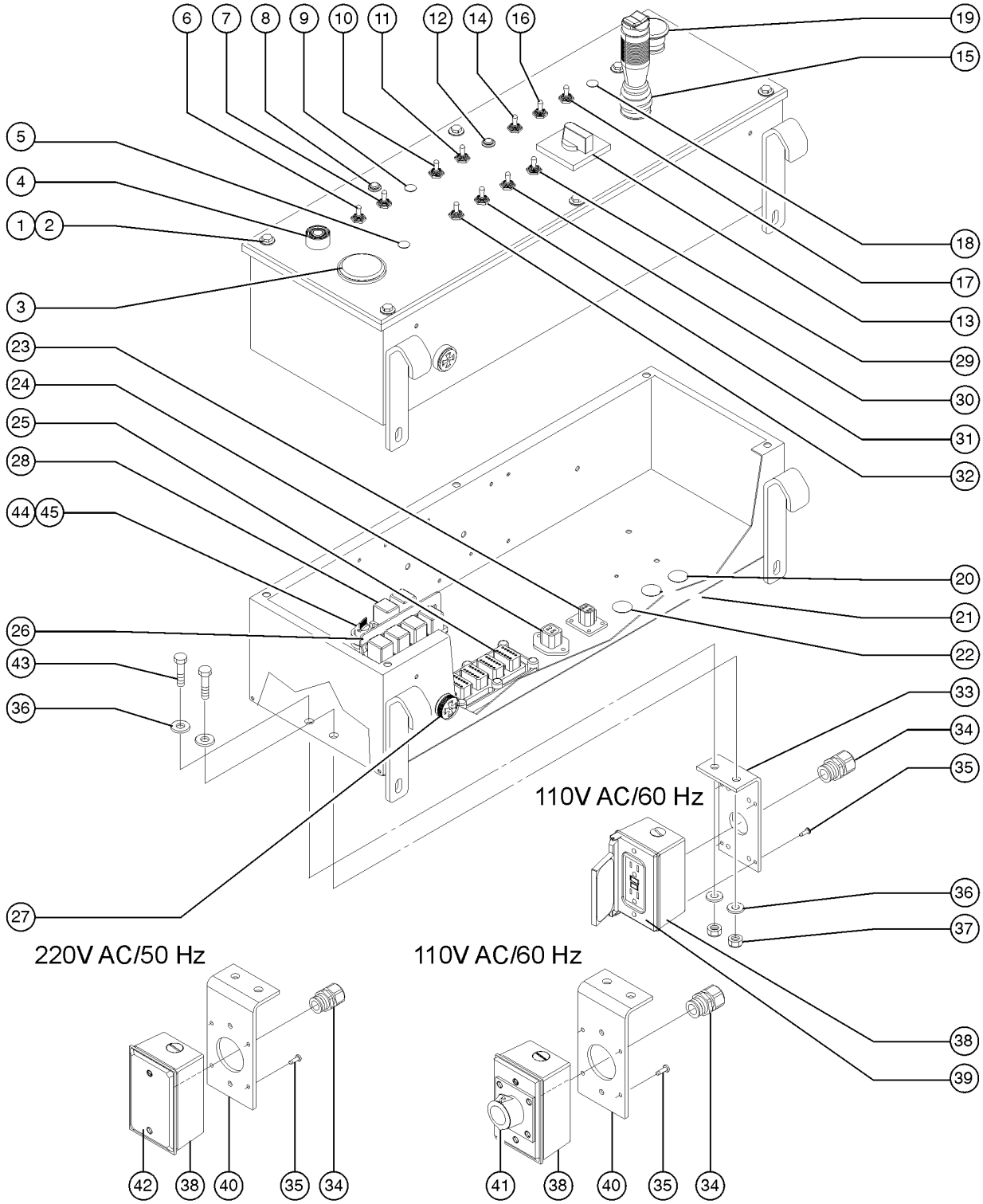
603.2 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25J



603.2 Platform Controls (to SN Z452515A-53323 and 15D-554), Z-45/25J

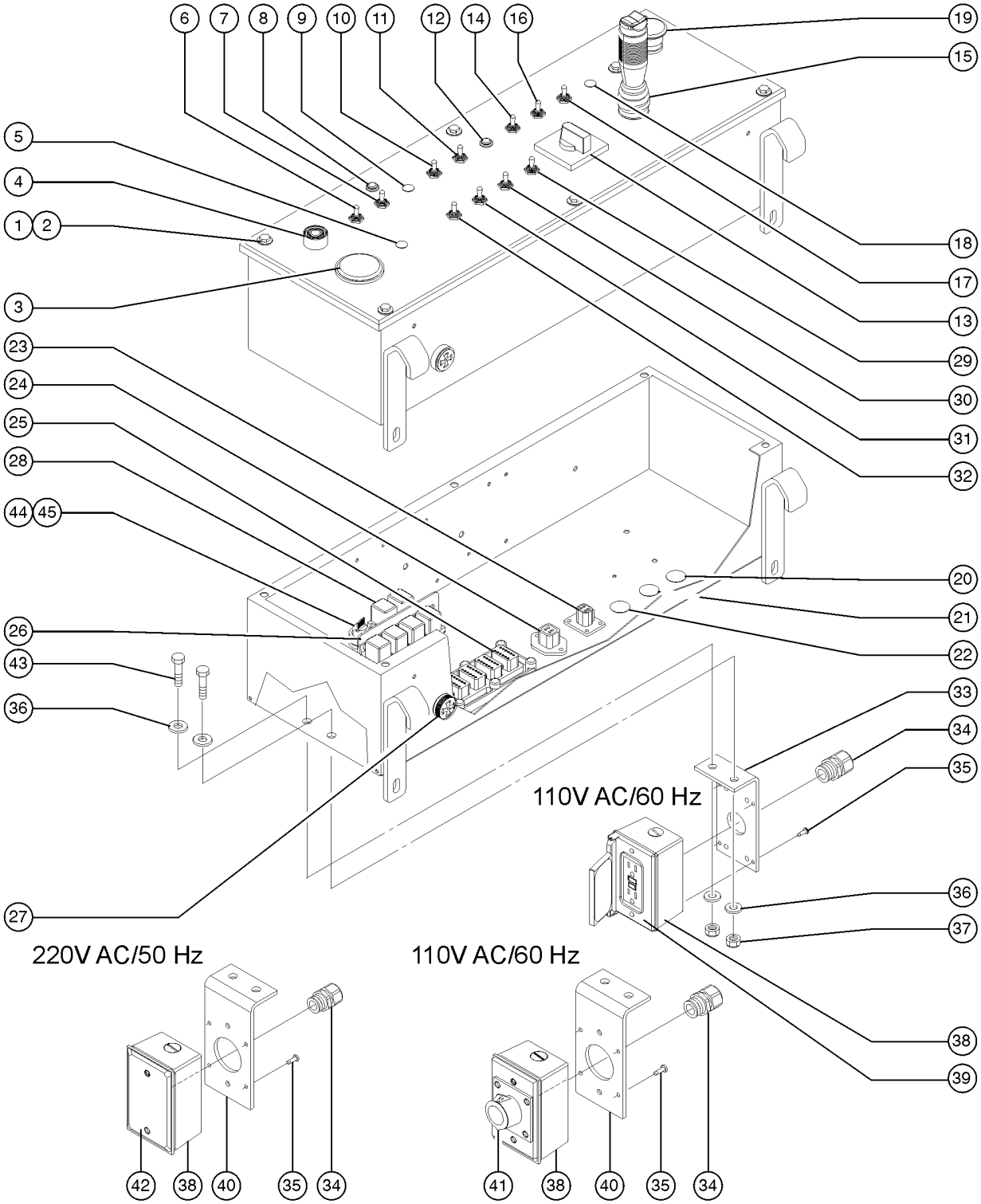
Item	*Part No.*	*Description*	*Qty.*
41A-	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	
41B	T112560GT	RECEPTACLE,UK,110V from SN 43390	1
42	10777GT	COVER,BLANK	1
42-	81458GT	GASKET, UK POWER TO PLAT	
42-	33724GT	KIT,GASKET,UK POWER TO PLAT	
43	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	

603.3 Platform Controls (from SN Z452515A-53324 and 15D-555), Z-45/25



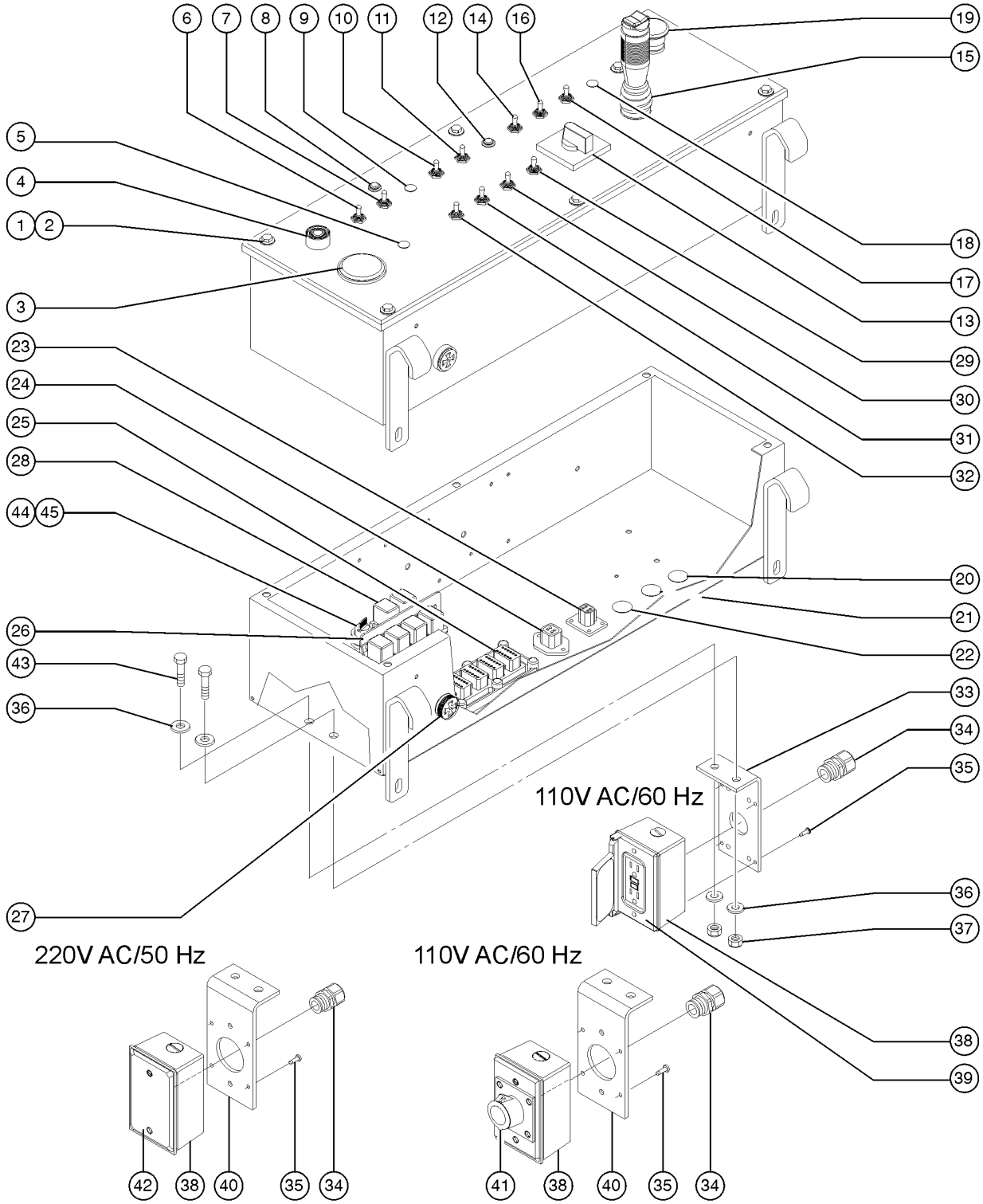
Item	Part No.	Description	Qty.
	101579GT	PLAT. CONTROL BOX W/DECAL	
	147253GT	TIME DELAY RELAY,2 SEC,24VDC	
1	8914GT	SCREW, HHC, 1/4-20 X .625	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3A	237145GT	IND,BAT CHARGE,48V LEAD-ACID (models with battery charge indicator)	1
3B	110651GT	LVI/BCI 36/48 VOLT ENGAGE II (models with low voltage indicator/battery charge indicator)	1
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 Auxiliary Power; includes boot and hardware	1
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 Drive 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	
7-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
8	42725GT	LIGHT,INDICATOR,RED 28V	1
9A	45384GT	PLUG,NYLON .50 BLACK DOMED (Z-45/25)	
10	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate; includes boot and hardware	1
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 Platform Level; includes boot and hardware	1

603.3 Platform Controls (from SN Z452515A-53324 and 15D-555), Z-45/25



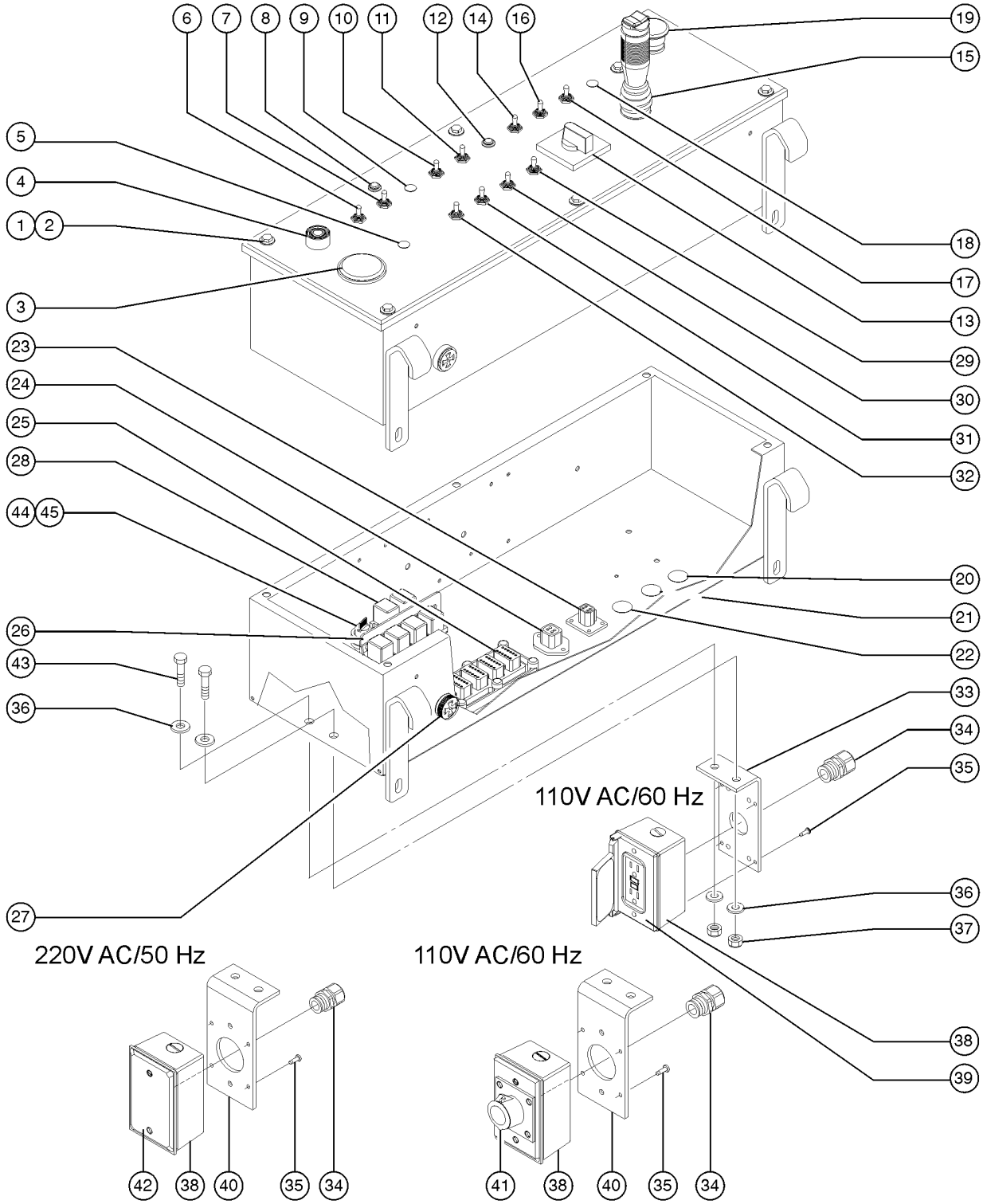
Item	Part No.	Description	Qty.
11-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
11-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12	824878GT	LIGHT,LED IND. RED 24V NH	
13	36557GT	ROTATIONAL CONTROLLER,24V***	
14	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Glow Plug; includes 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 603.1 or 604.1)	
16A	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	

603.3 Platform Controls (from SN Z452515A-53324 and 15D-555), Z-45/25



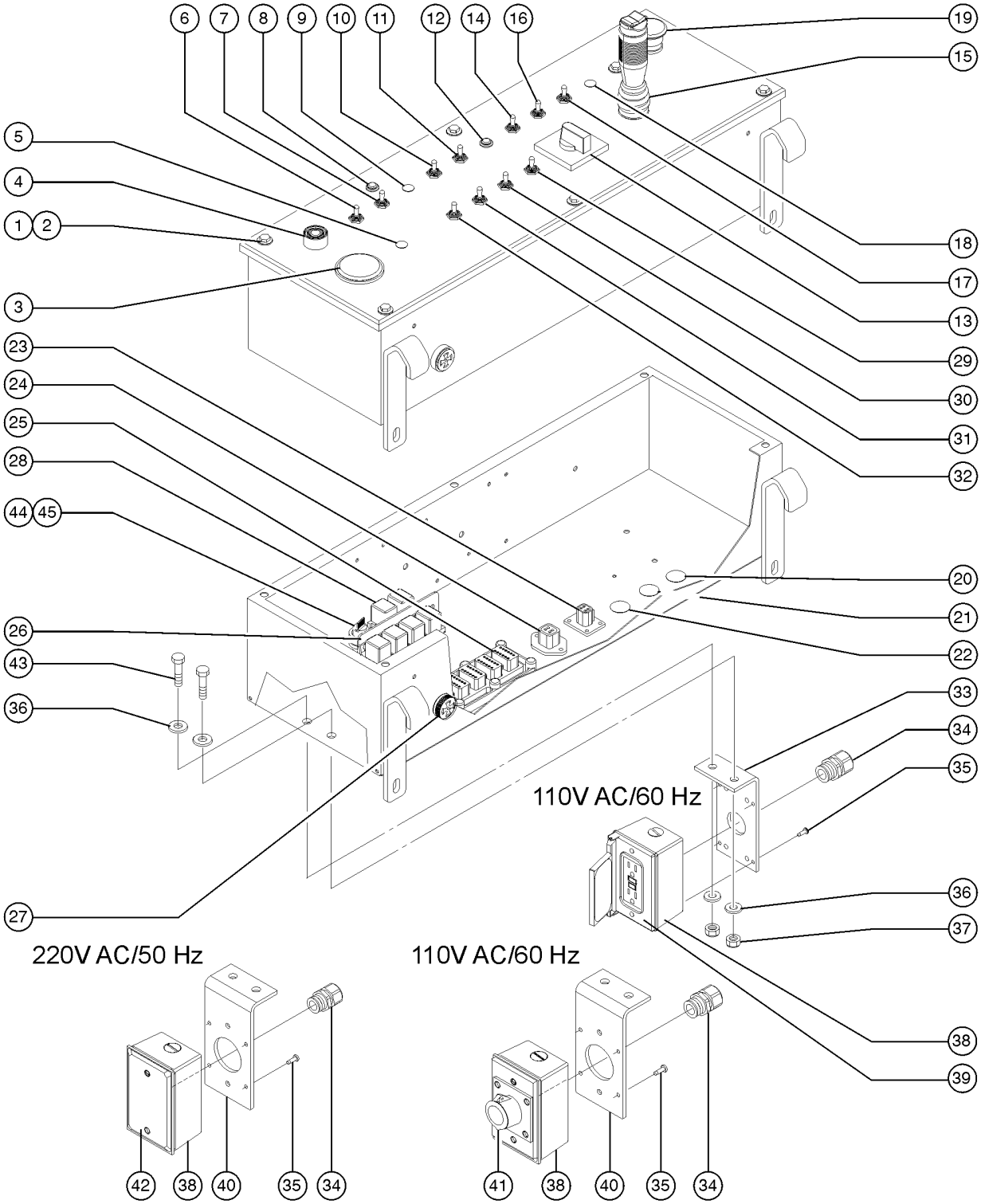
Item	Part No.	Description	Qty.
23	73233GT	ASSEMBLY,FOOT SWITCH***	
24	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	
24-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
24-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
25	73736GT	CONN,RECEP 48 WAY,4 X 12	1
25-	73713GT	TERMINAL, PIN, DT, 14-18 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

603.3 Platform Controls (from SN Z452515A-53324 and 15D-555), Z-45/25



Item	Part No.	Description	Qty.
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 USA/Canada	1
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

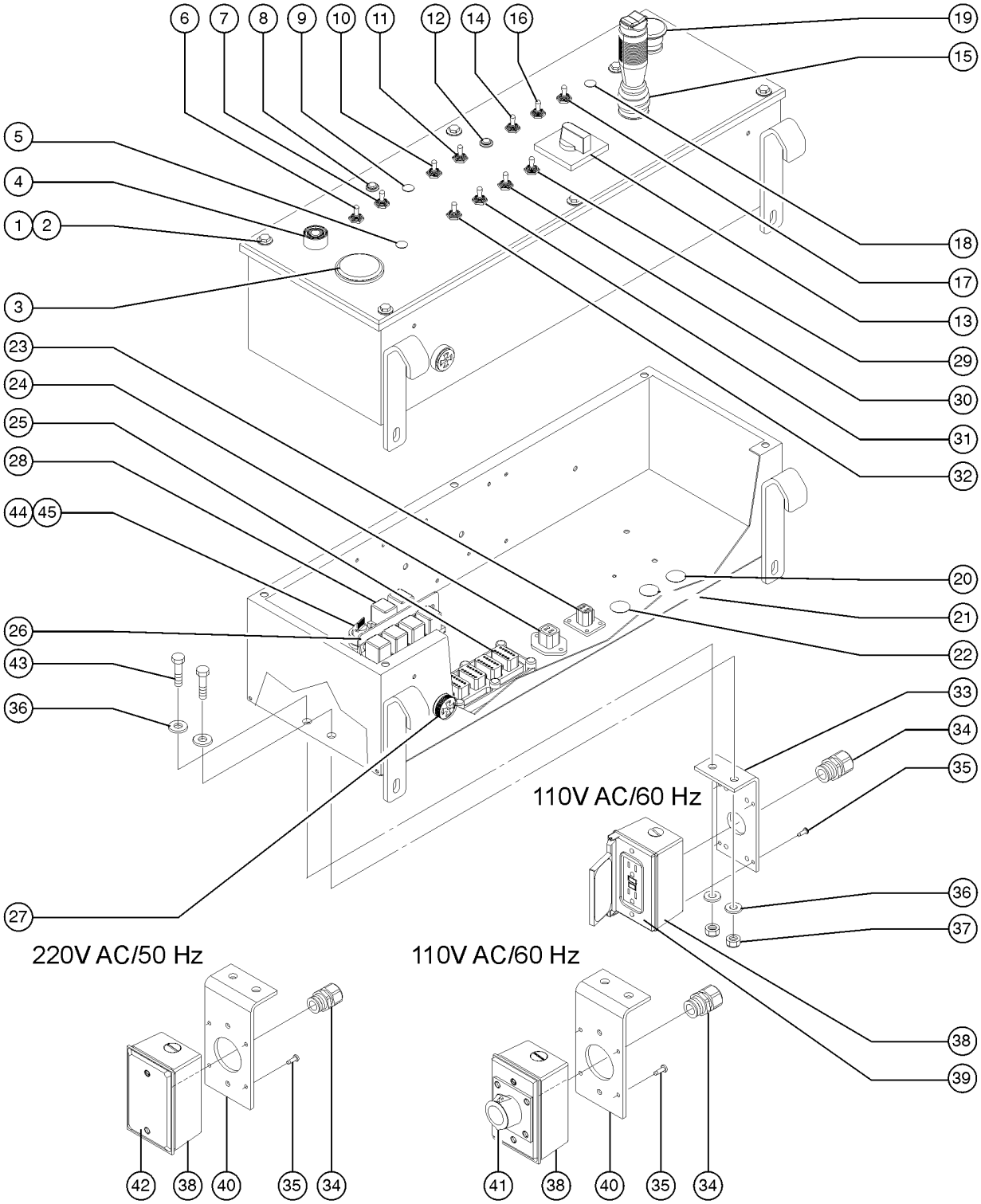
603.4 Platform Controls (from SN Z452515A-53324 and 15D-555), Z-45/25J



603.4 Platform Controls (from SN Z452515A-53324 and 15D-555), Z-45/25J

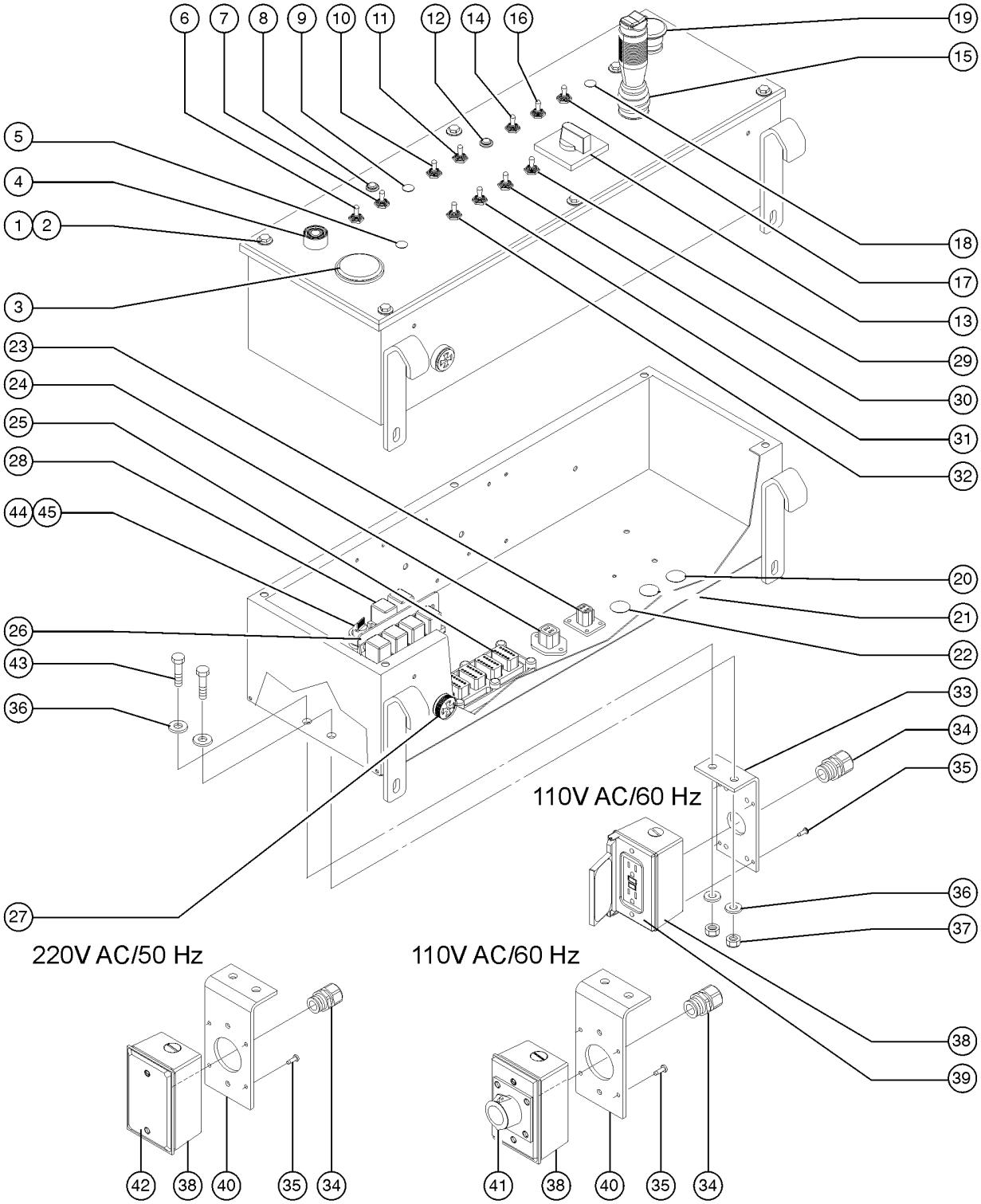
Item	Part No.	Description	Qty.
	101579GT	PLAT. CONTROL BOX W/DECAL	
	147253GT	TIME DELAY RELAY,2 SEC,24VDC	
1	8914GT	SCREW, HHC, 1/4-20 X .625	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3A	237145GT	IND,BAT CHARGE,48V LEAD-ACID (models with battery charge indicator)	1
3B	110651GT	LVI/BCI 36/48 VOLT ENGAGE II (models with low voltage indicator/battery charge indicator) from SN 31015	1
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 Auxiliary Power; includes boot and hardware	1
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 Drive 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	
7-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
8	42725GT	LIGHT,INDICATOR,RED 28V	1
9B	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM (Z-45/25J) Jib Boom Up/Down; includes boot and hardware	1
10	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate; includes boot and hardware	1
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 Platform Level; includes boot and hardware	1

603.4 Platform Controls (from SN Z452515A-53324 and 15D-555), Z-45/25J



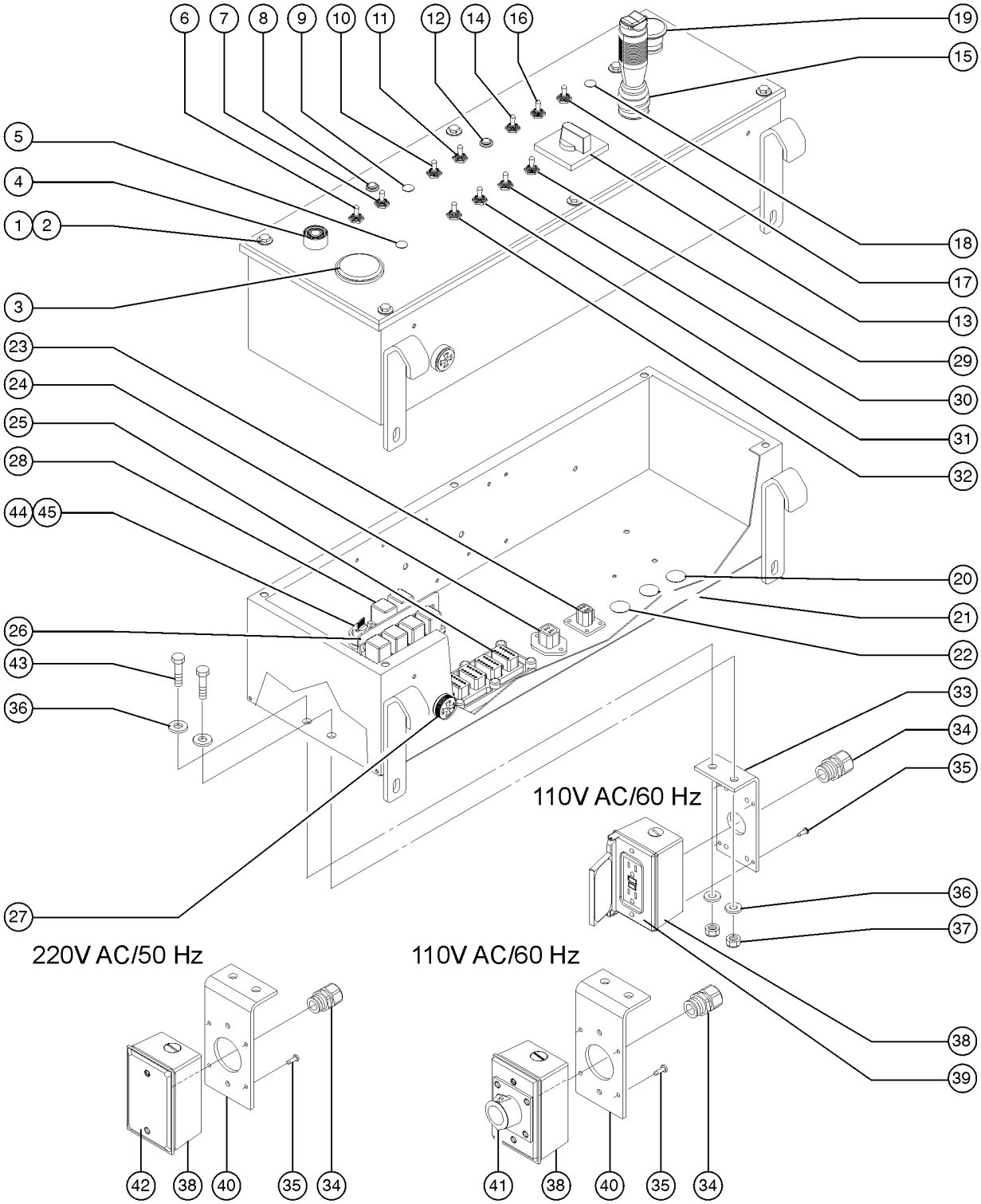
Item	Part No.	Description	Qty.
11-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
11-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12	824878GT	LIGHT,LED IND. RED 24V NH	
13	36557GT	ROTATIONAL CONTROLLER,24V***	
14	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Glow Plug; includes 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 603.1 or 604.1)	
16A	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	

603.4 Platform Controls (from SN Z452515A-53324 and 15D-555), Z-45/25J



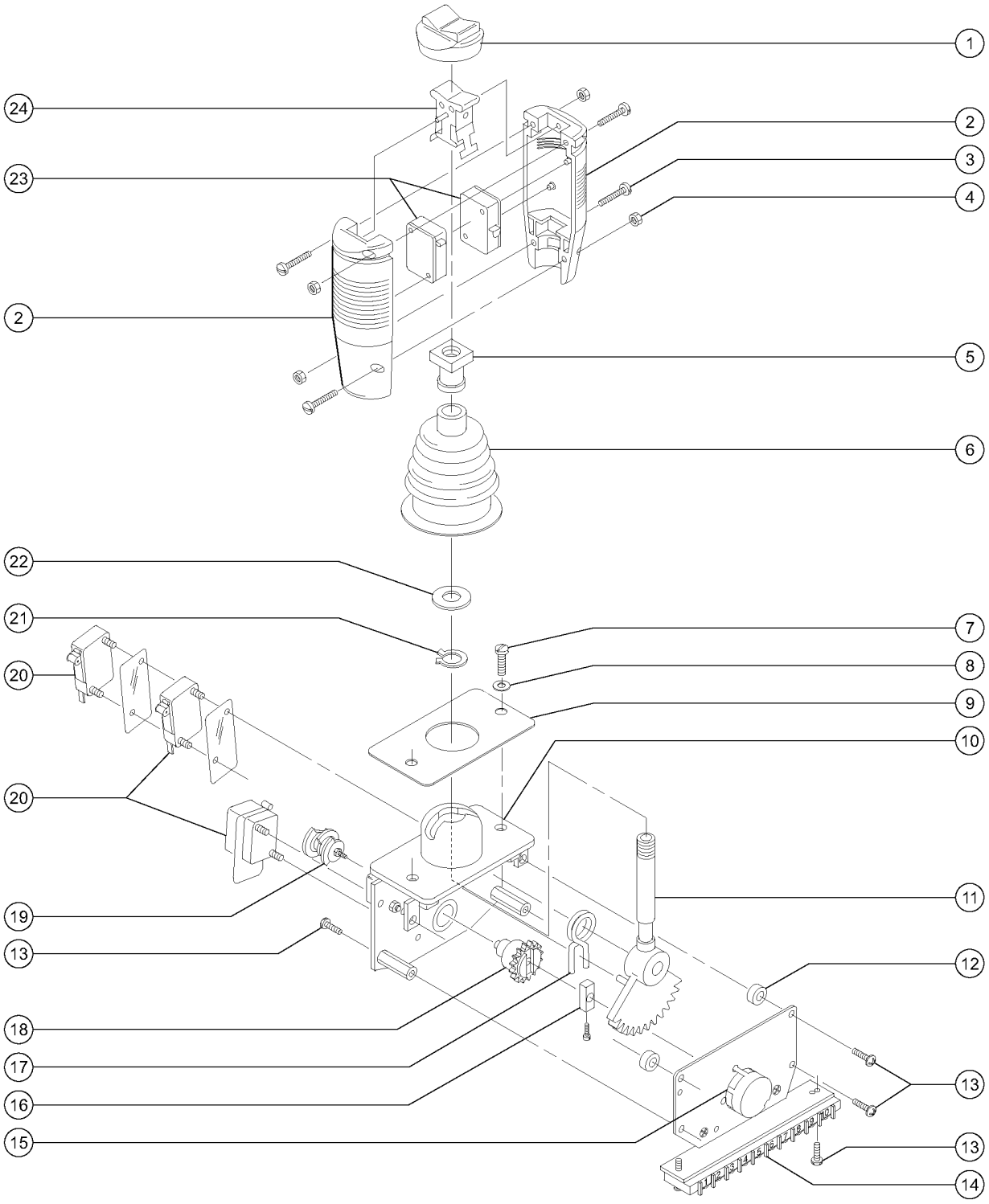
Item	Part No.	Description	Qty.
23	73233GT	ASSEMBLY,FOOT SWITCH***	
24	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	
24-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
24-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
25	73736GT	CONN,RECEP 48 WAY,4 X 12	1
25-	73713GT	TERMINAL, PIN, DT, 14-18 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

603.4 Platform Controls (from SN Z452515A-53324 and 15D-555), Z-45/25J



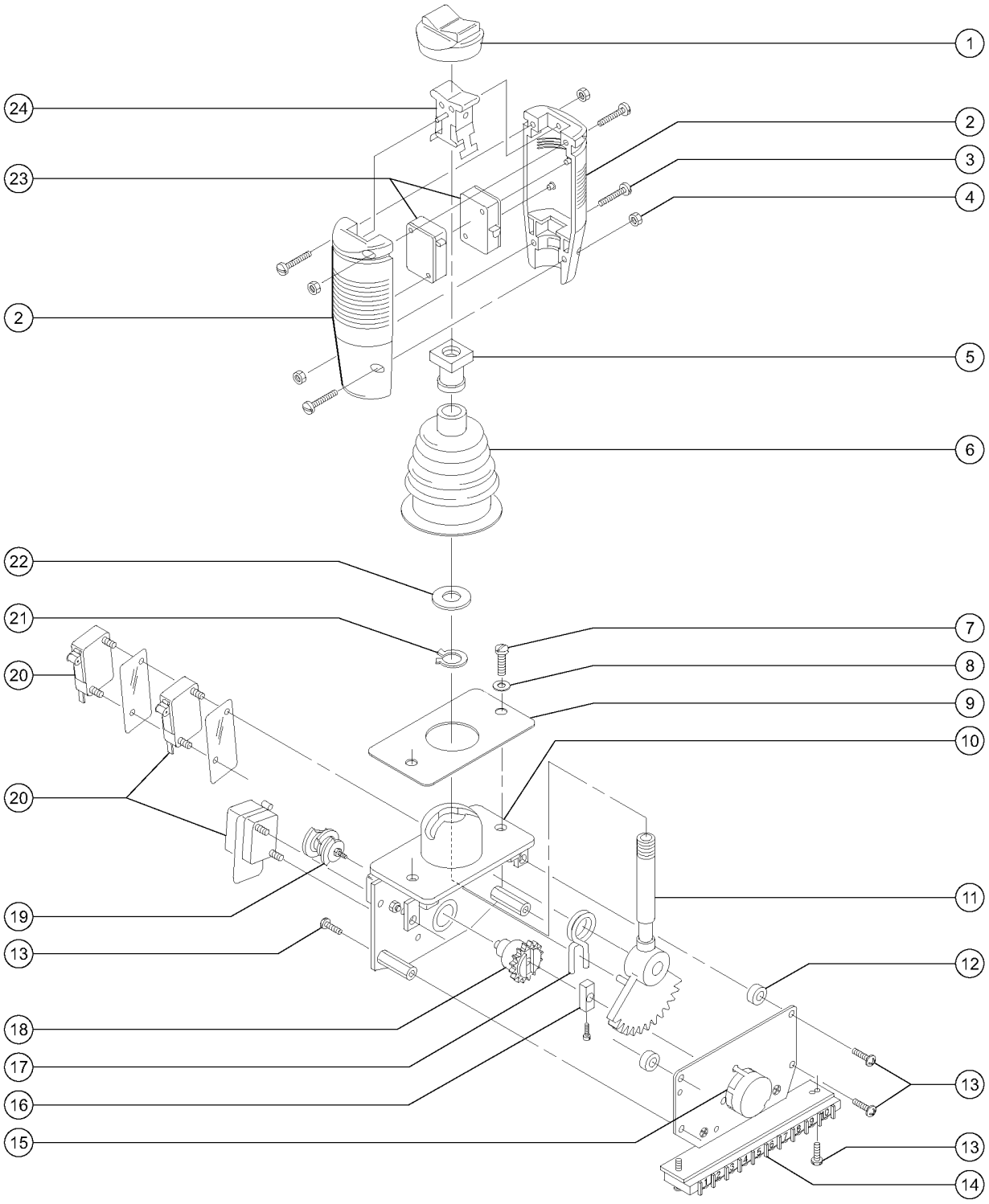
Item	Part No.	Description	Qty.
34	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	2
34-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
35	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP	4
35A	35461GT	WASHER,FLAT,MS,#8,Y	4
36	5397GT	WASHER, FLAT, USS, 5/16-18	
37	4828GT	NUT, NYLOCK, 3/8-16	
38	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
39	13585GT	OUTLET, 110V USA/Canada	1
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

604.1 Joystick Controller, Drive/Steer Functions



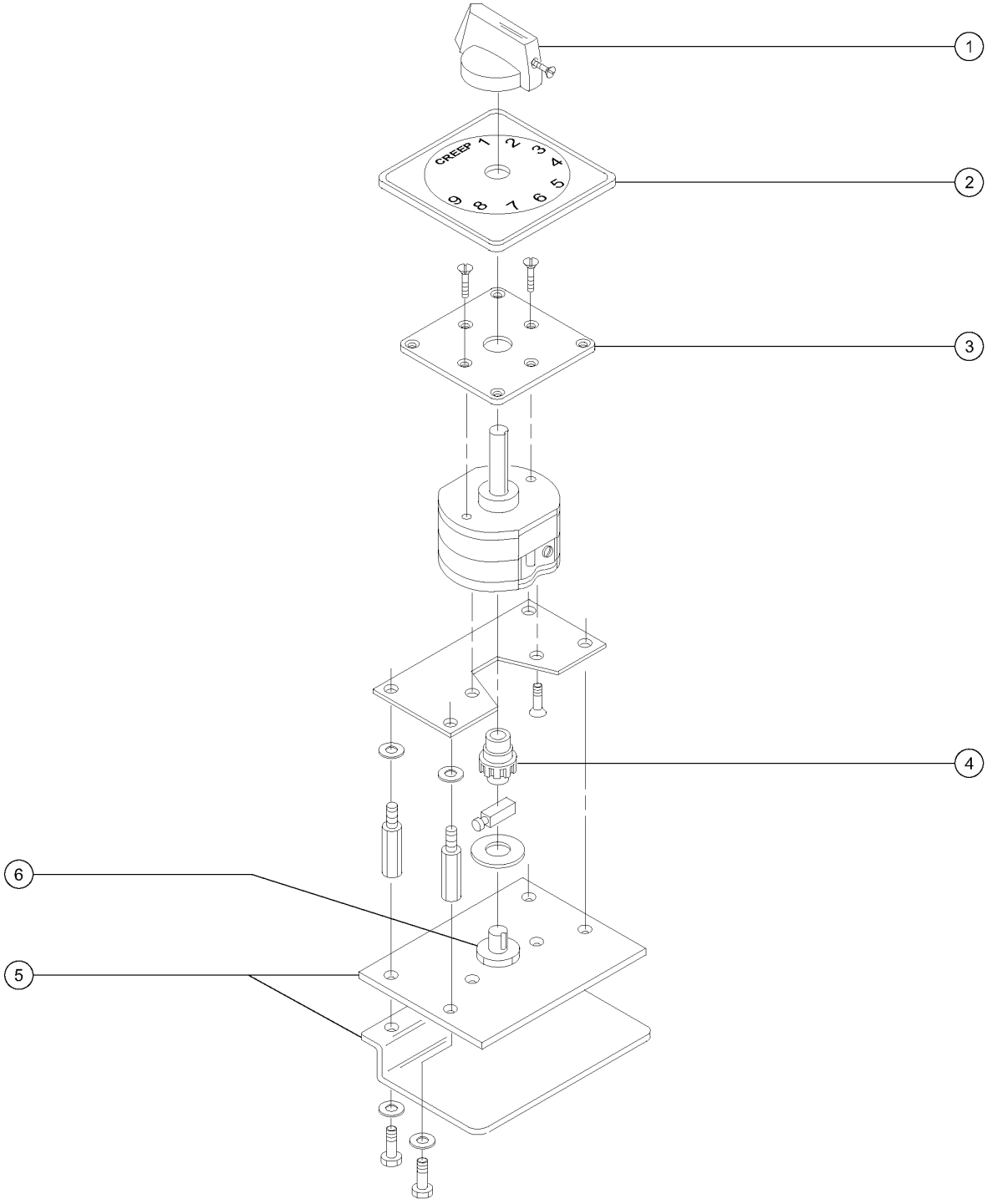
Item	Part No.	Description	Qty.
A	56773GT	JOYSTICK,5K-0 OHM (10-pin connector) (to SN Z452513A-45734)	
B	234923GT	JOYSTICK,5K-0 OHM,W/RELAY (12-pin connector) (from SN Z452513A-45735)	
B-	78098GT	RELAY,24VDC,40/30A,SLD W/BRKT* (from SN Z452513A-45735, for 234923, includes bracket)	
Z	1269501GT	KIT, ISOLATION, 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
24A	58986GT	ROCKER ASSY (42032)*** for joystick 56773	

604.1 Joystick Controller, Drive/Steer Functions



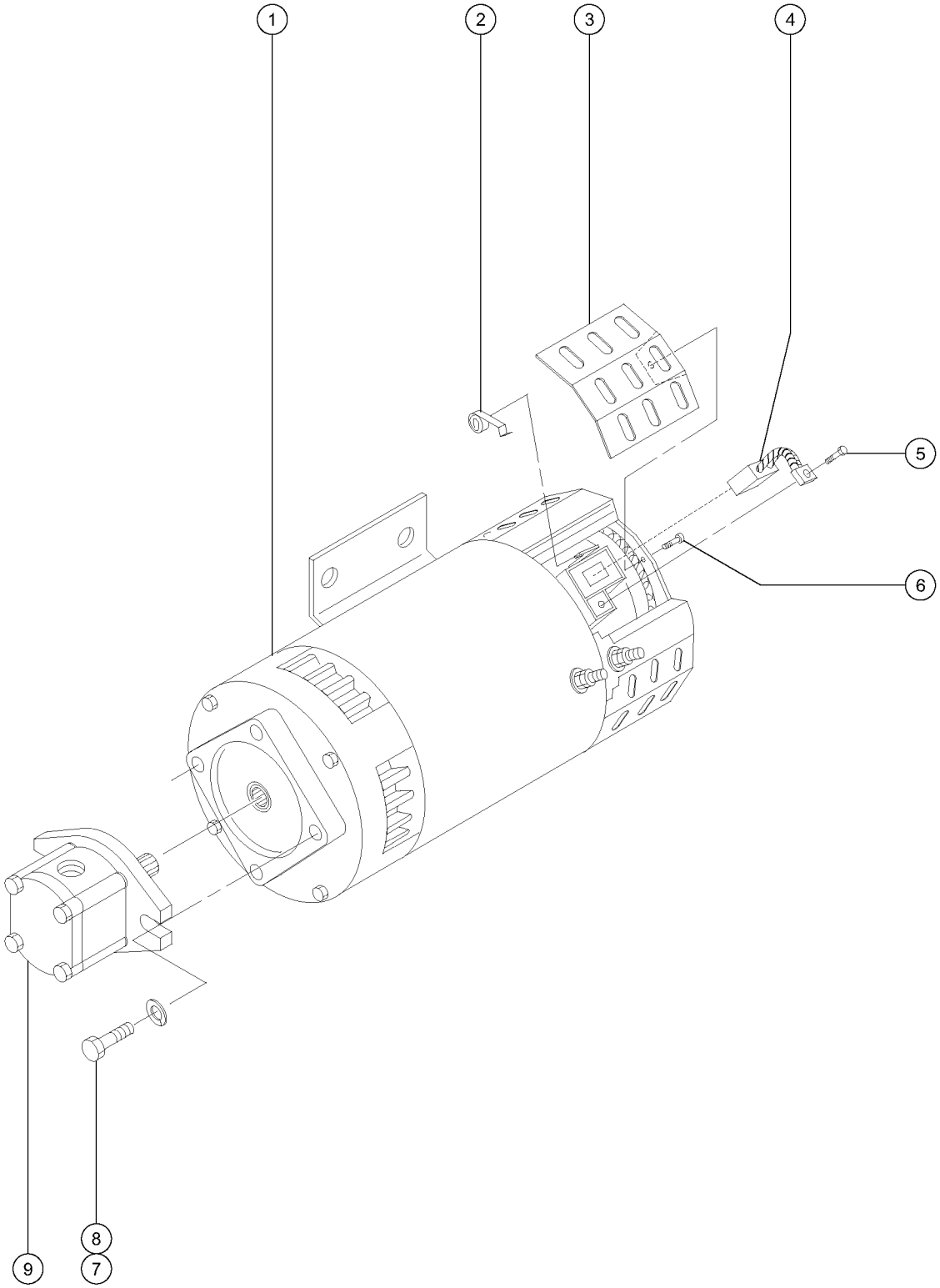
Item	Part No.	Description	Qty.
24B	65178GT	ROCKER ASSY W/ROLLPIN*** ..... for joystick 234923	

605.1 Rotational Controller



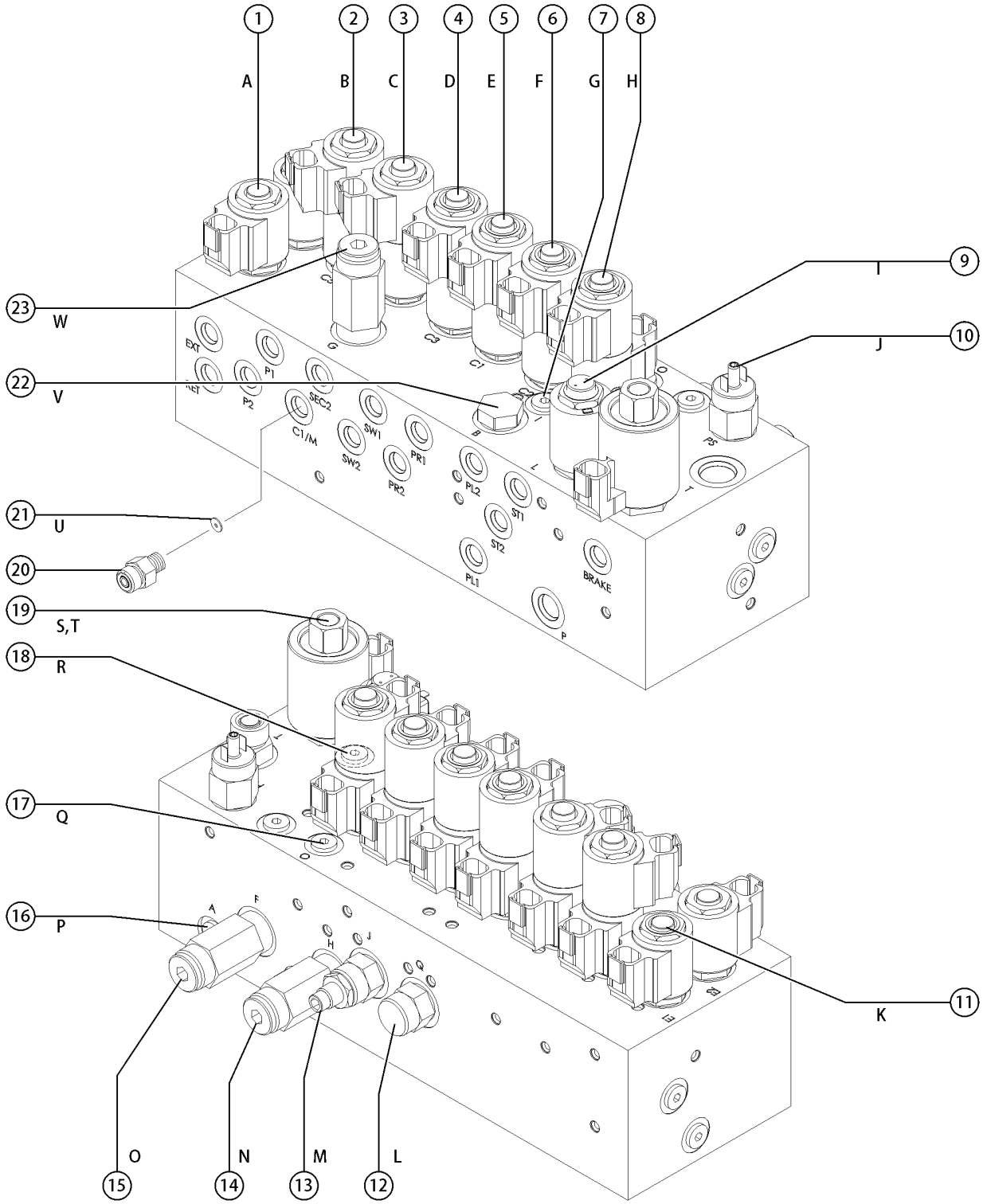
Item	Part No.	Description	Qty.
	36557GT	ROTATIONAL CONTROLLER,24V***	
1	35679GT	KNOB, 45048 CONTROLLER	1
2	35680GT	LEGEND,PLSTC,"CREEP TO 9"***	1
3	35678GT	MOUNTING PLATE, 45048	1
4	19731GT	GEAR, SLAVE, MS4,45048	1
5	40433GT	PCB,ROTATOR CONTROLLER 36557* includes item 6	1
6	19729GT	POTENTIOMETER,56886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

701.1 Hydraulic Power Unit



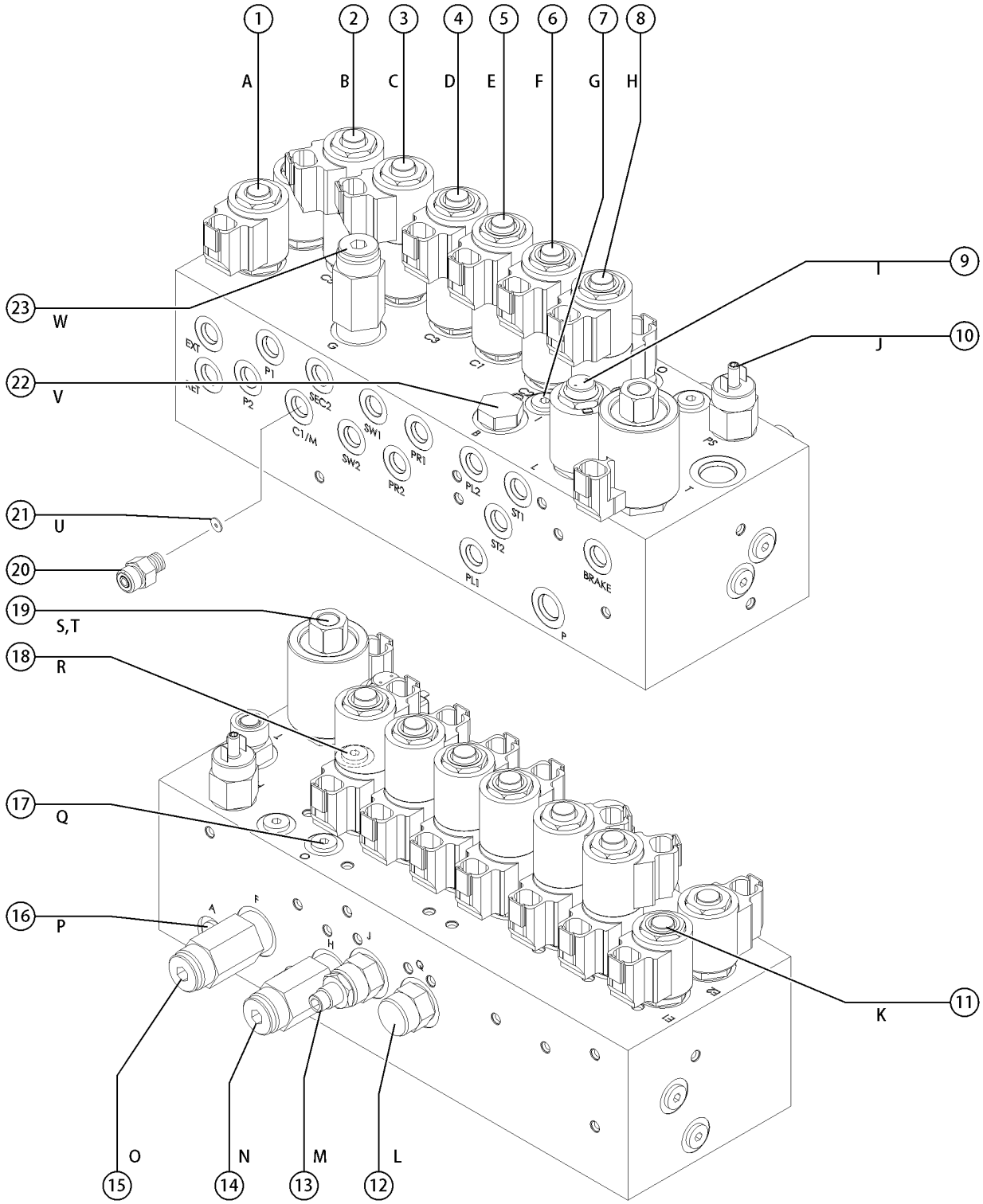
Item	Part No.	Description	Qty.
1	48504GT	MOTOR,FUNCTION,48V DC	1
2	44750GT	SPRING-BRUSH,40844, SCISSORS	
3	58936GT	BRUSH COVER -PLATE-(48504)*	1
4	58932GT	BRUSH SET 4 EA	1
5	52913GT	SCREW,HH TAPETITE THRD8-32X.50	
6	52914GT	SCREW,HHTAPTITE THREAD8-32X.38	
7	32317GT	SCREW,HHC,3/8-24 X 1 GR 8 YEL	
8	6021GT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

702.1 Function Manifold

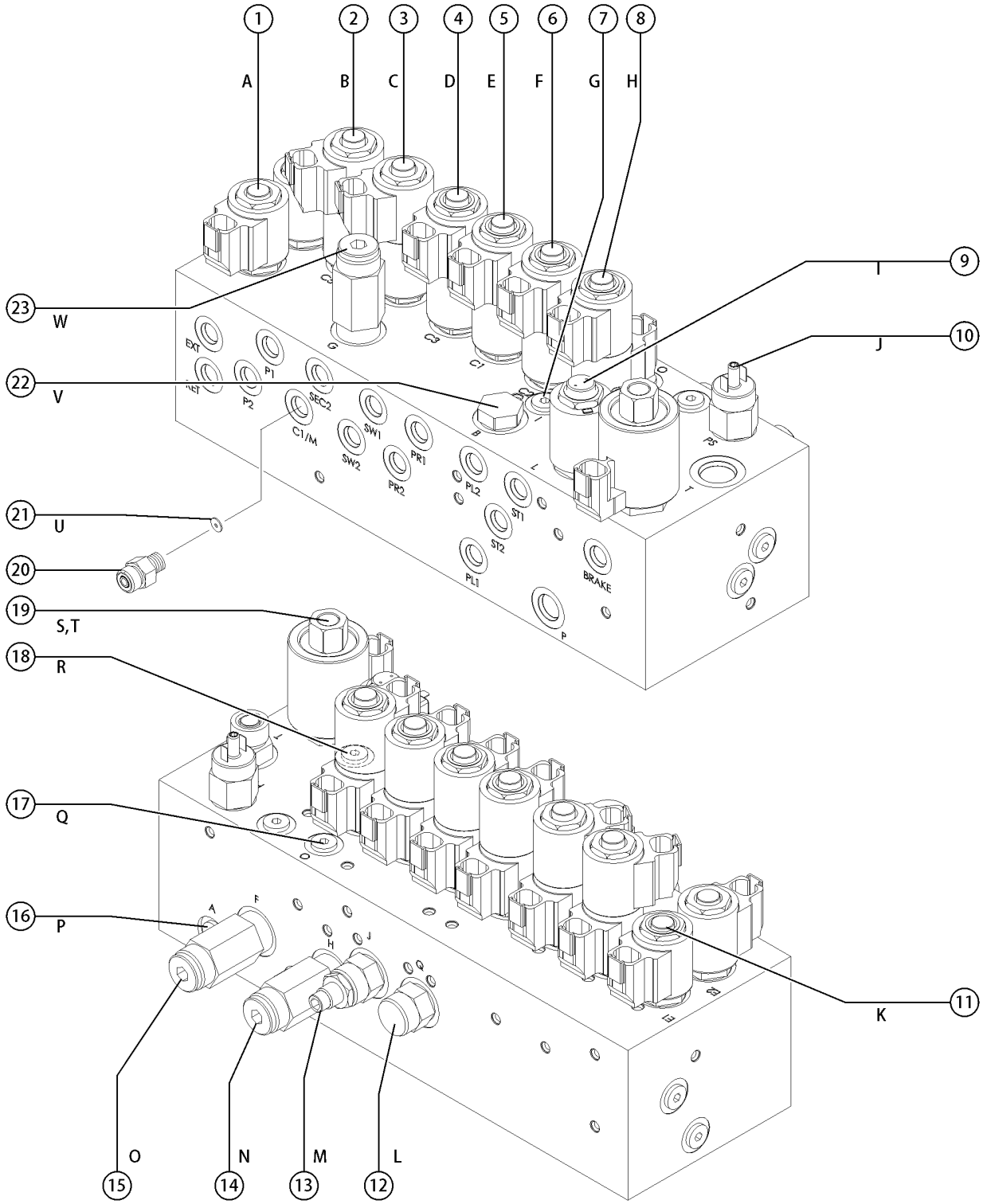


Item	Part No.	Description	Qty.
	94860GT	MANIFOLD,FUNCTION DC/BI***	
1	52897GT	VALVE,SOLENOID, 2POS/3WAY*** A, Primary boom retract	
1-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
1-	52371GT	SEAL KIT, VALVE	
2	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** B, Primary boom up/down	
2-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
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-	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	
9-	101058GT	COIL,24 VDC DUAL SPADE,#8 (to SN 45250)	
9-	119825GT	COIL, 24V, DEUTSCH NO DIODE (from SN 45251)	
9-	218443GT	KIT, FLOW COIL ADAPTER (includes new coil 119825, coil adapter harness, and instructions)	
10	1287986GT	SWITCH,PRESS,#6SAE,600 PSI J, Brake circuit	
11	52897GT	VALVE,SOLENOID, 2POS/3WAY*** K, Primary boom extend	

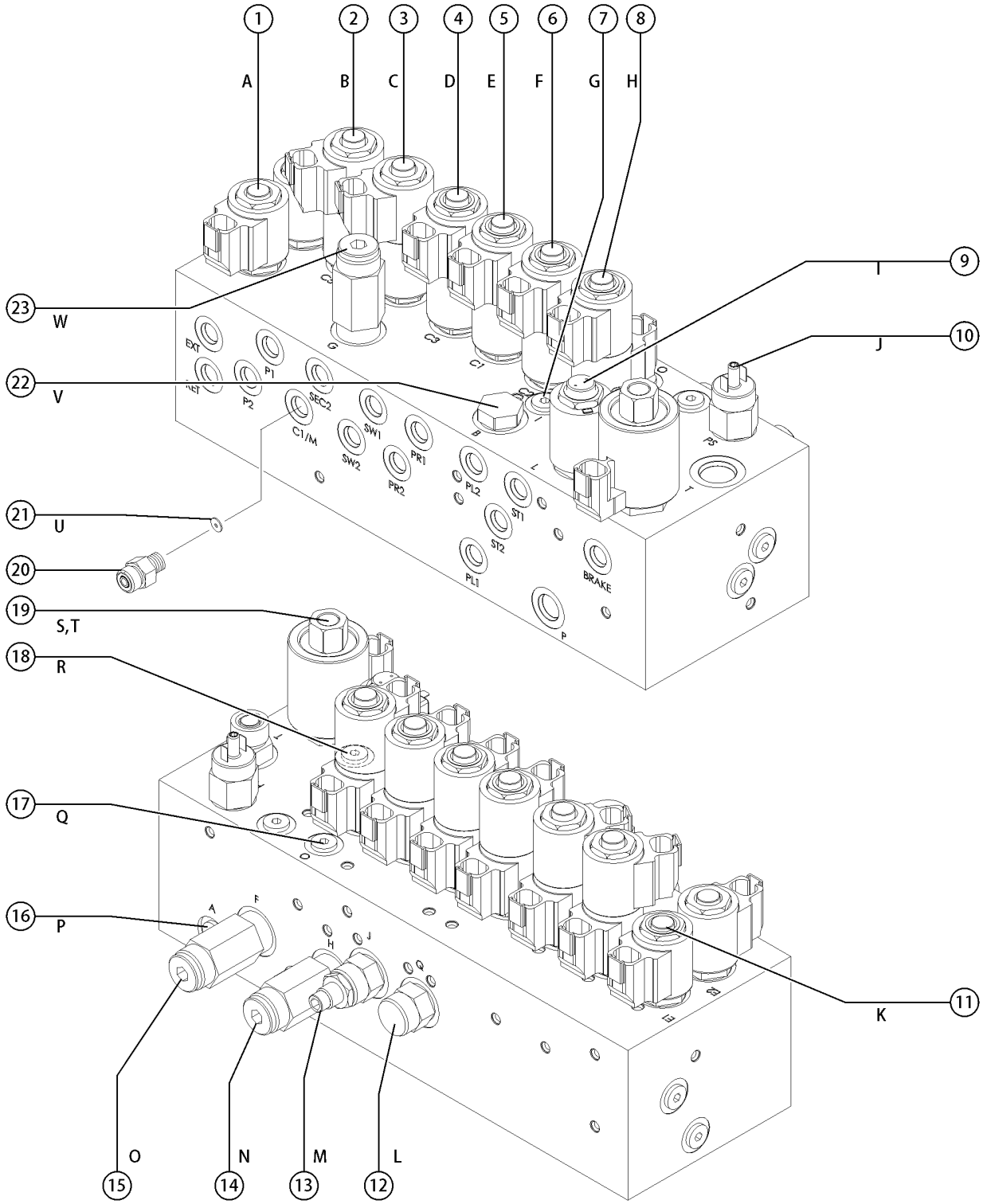
702.1 Function Manifold



Item	Part No.	Description	Qty.
11-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
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 (coil not included, order separately)	
19-	84385GT	COIL,20VDC DEUTCSH W/DIODE S, Brake circuit	
19-	101067GT	ORIFICE PLUG,030,1/16-27 NPT T, Brake circuit	
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	

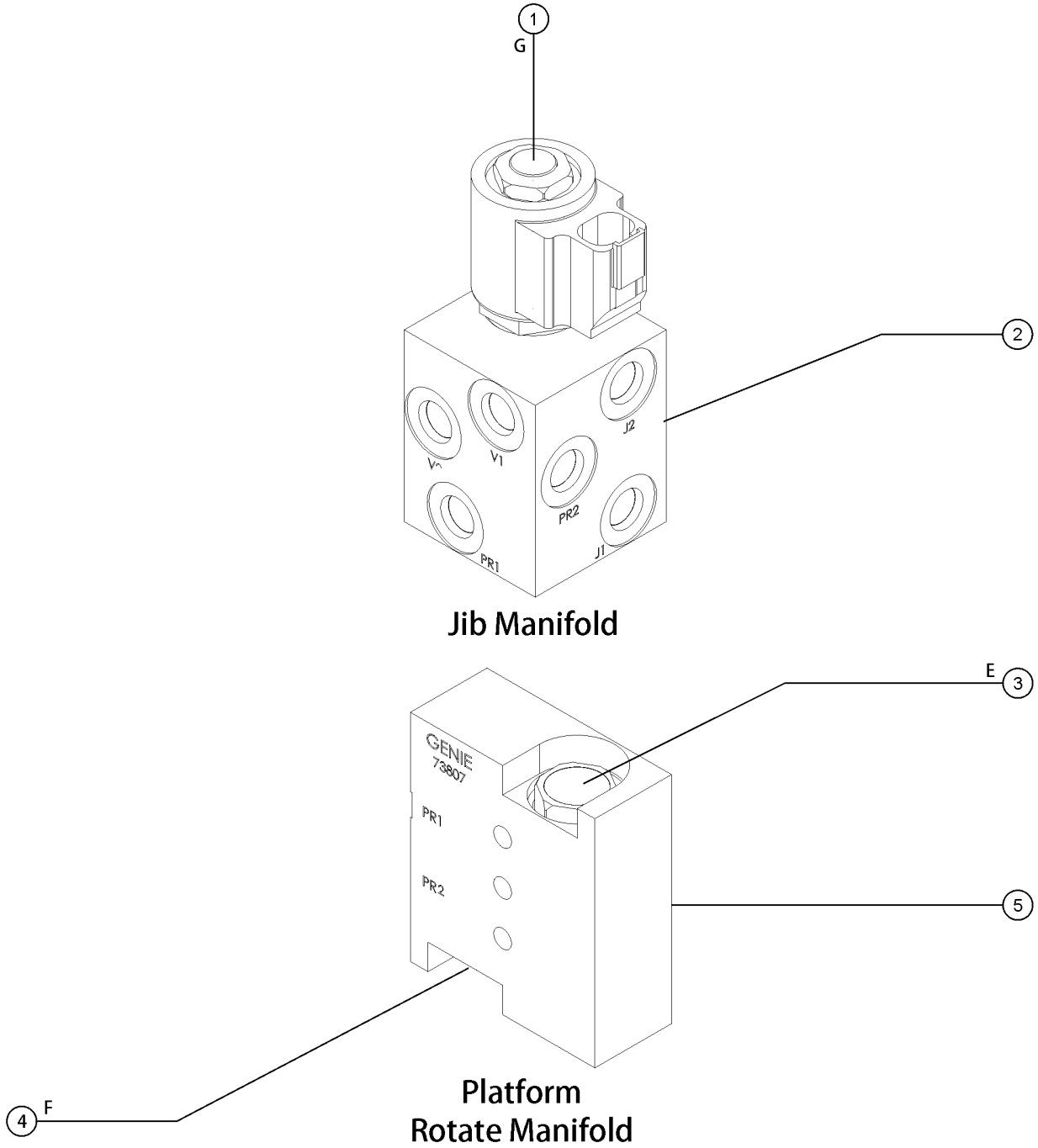

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Item	Part No.	Description	Qty.
	94860GT	MANIFOLD,FUNCTION DC/BI***	
1	52897GT	VALVE,SOLENOID, 2POS/3WAY*** A, Primary boom retract	
1-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
1-	52371GT	SEAL KIT, VALVE	
2	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** B, Primary 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	
9A	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)	

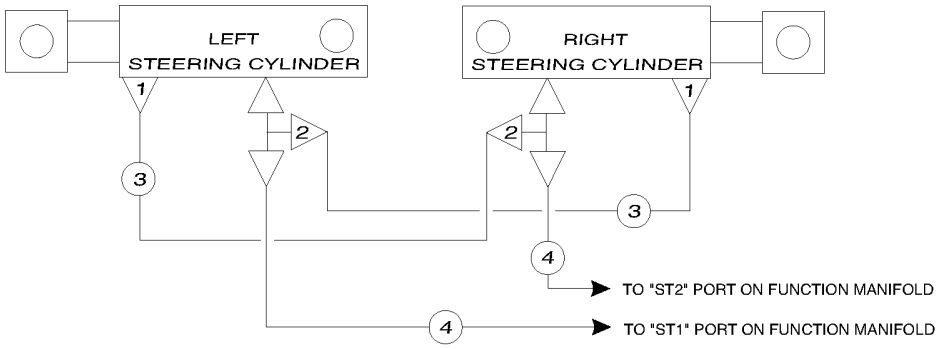

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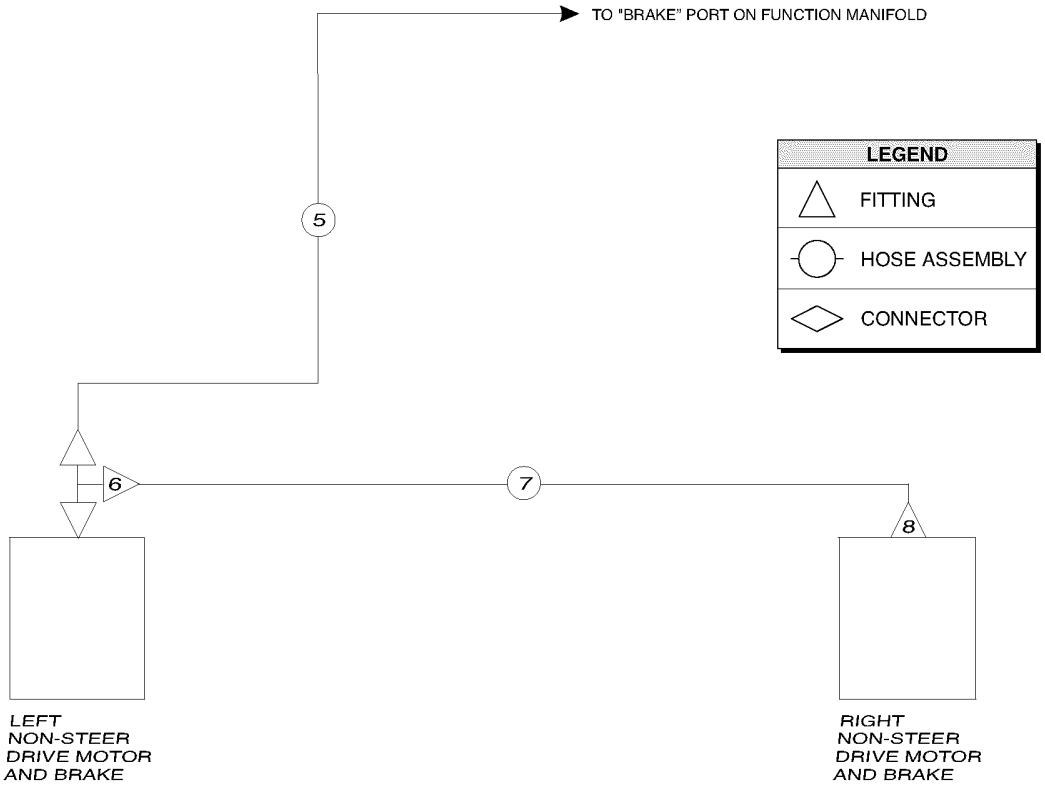
Item	Part No.	Description	Qty.
9C-	119825GT	COIL, 24V, DEUTSCH NO DIODE	
9C-	216603GT	HARNESS, ADAPER, FLOW COIL	
10	1287986GT	SWITCH,PRESS,#6SAE,600 PSI J, Brake circuit	
11	52897GT	VALVE,SOLENOID, 2POS/3WAY*** K, Primary boom extend	
11-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
12	94618GT	VALVE,FLOW CONTROL,.4 GPM L, Platform rotate and turntable rotate circuits	
13	101055GT	VALVE,NEEDLE,FINE ADJUSTMENT** M, Platform level circuit	
14A	101114GT	VALVE RELIEF,2500PSI(88513)** N, Platform level circuit (to SN 7660)	
14A-	44227GT	SEAL KIT, VALVE	
14B	52374GT	VALVE,RELIEF,3000PSI,GS68PUMP1 N, Platform level circuit (from SN 7661)	
14B-	44227GT	SEAL KIT, VALVE	
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	
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	

703.1 Jib Boom and Platform Rotate Manifolds

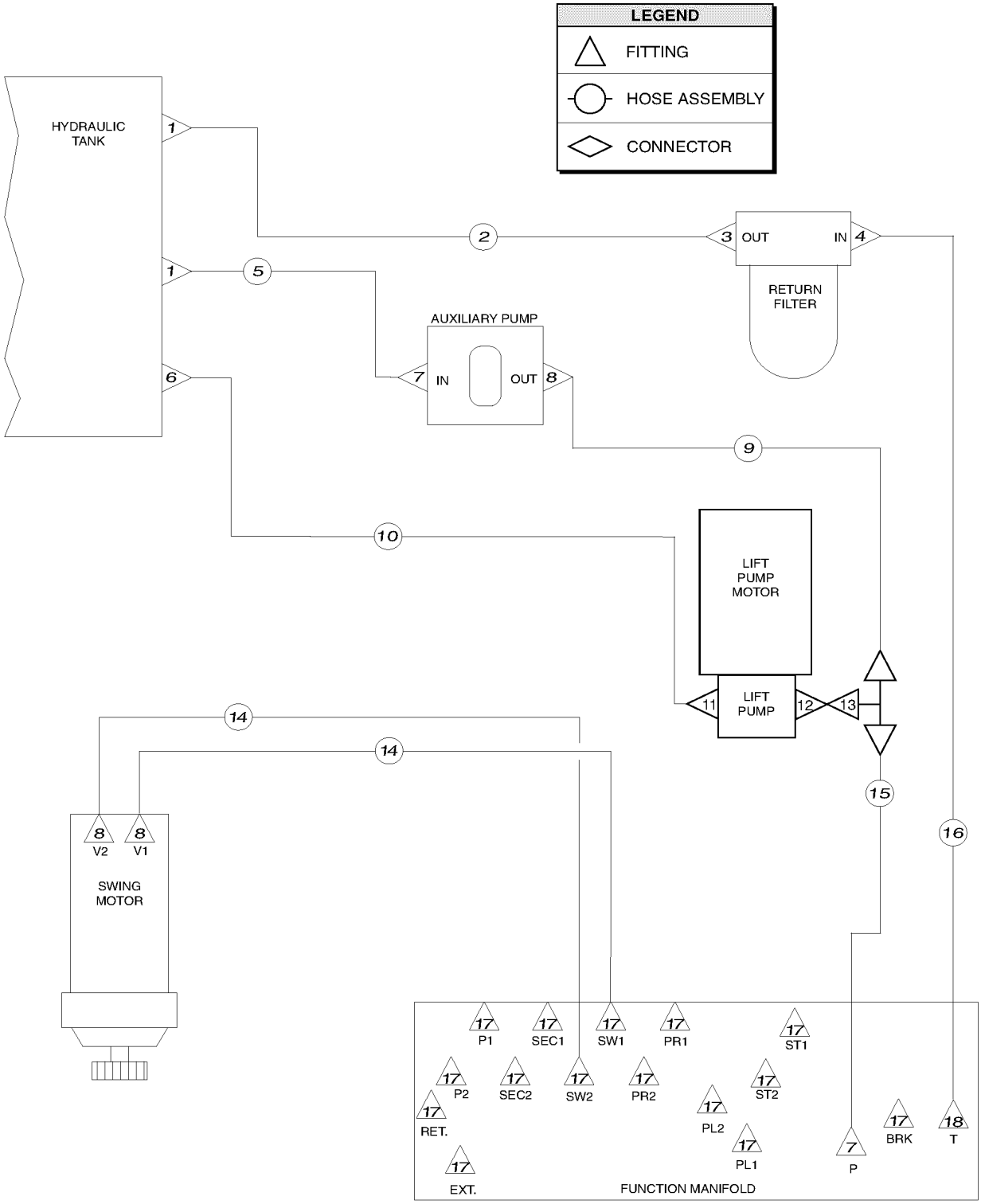


Item	Part No.	Description	Qty.
1A	89862GT	VALVE-SOLENOID,2POS 3WAY,JIB** (G, Jib boom / platform rotate select) (to SN 15A-54807) (for 94859GT, check PN on jib manifold before ordering)	
1A-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD (to SN 15A-54807)	
1A-	89864GT	SEAL KIT,SOLENOID VALVE, SV07 (to SN 15A-54807)	
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	

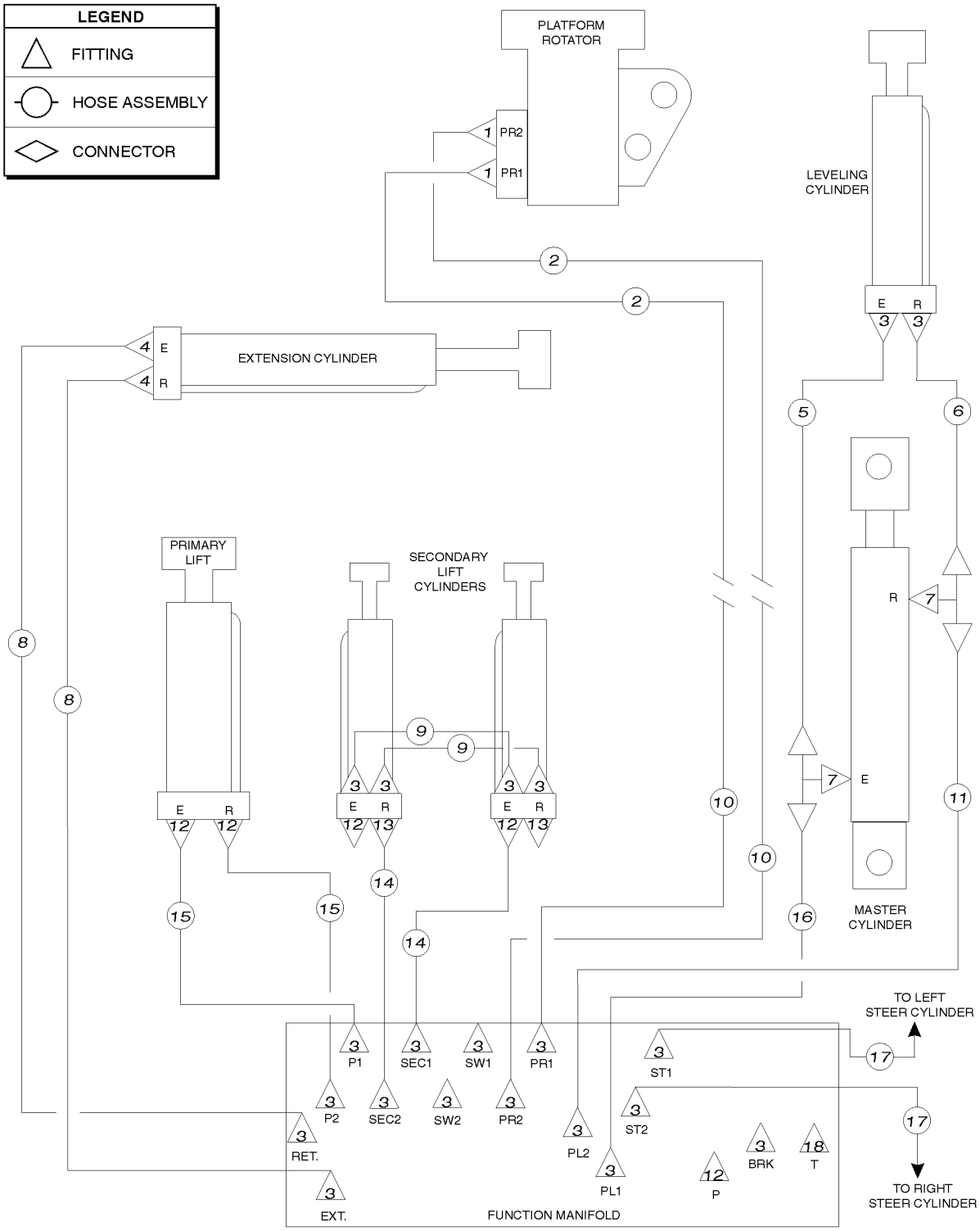

LEFT
STEERING CYLINDER
RIGHT
STEERING CYLINDER
1
2
3
4
TO "ST2" PORT ON FUNCTION MANIFOLD
TO "ST1" PORT ON FUNCTION MANIFOLD


TO "BRAKE" PORT ON FUNCTION MANIFOLD
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
5
6
7
8
LEFT
NON-STEER
DRIVE MOTOR
AND BRAKE
RIGHT
NON-STEER
DRIVE MOTOR
AND BRAKE

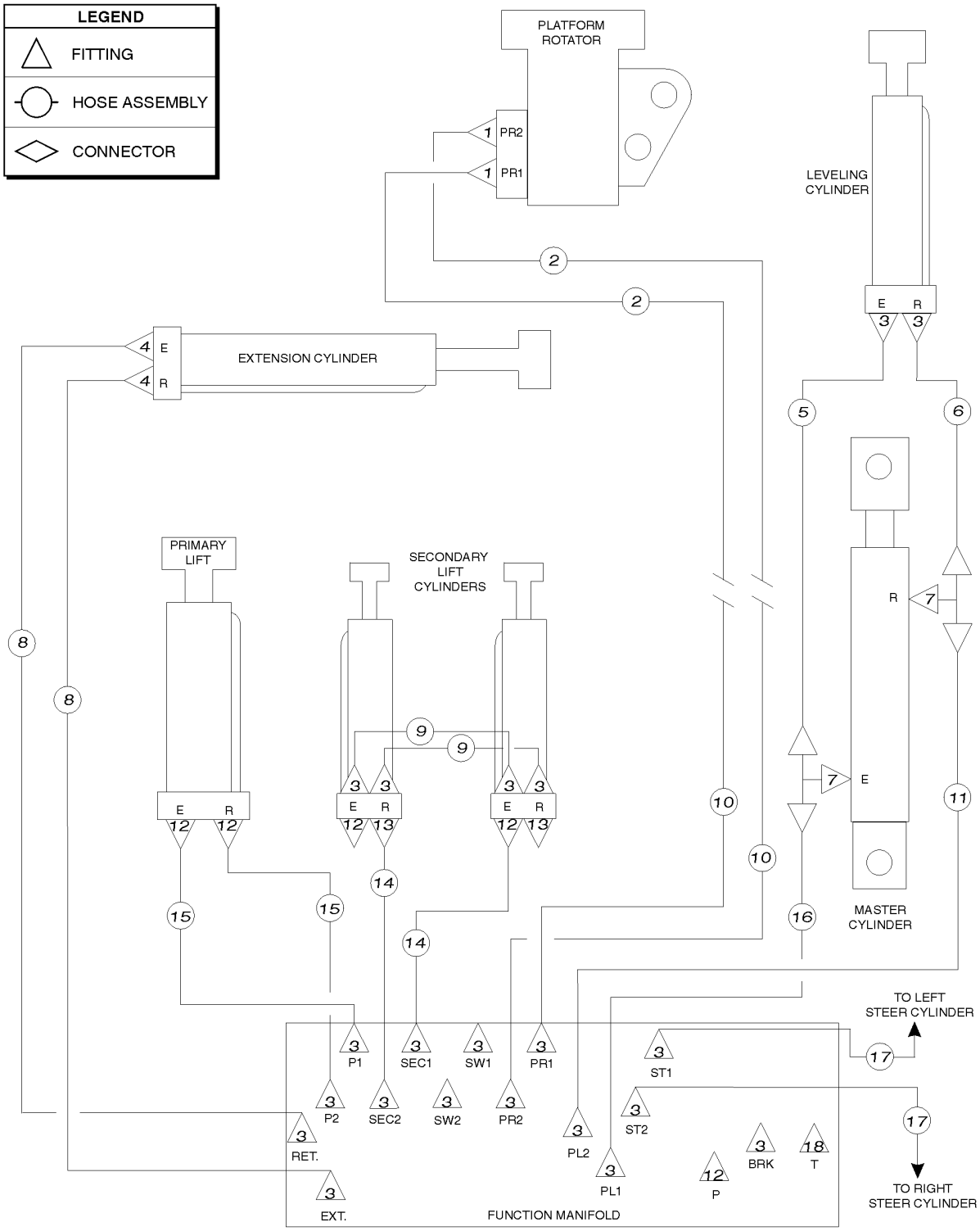
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48904GT	ELBOW, 90D, 520220-4	2
2	48906GT	TEE,RUN,520428-4	2
3	49119-2078GT	HOSE ASSY,1/4,STR FEM,STR FEM*	2
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


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
HYDRAULIC TANK
1
2
3 OUT
IN 4
RETURN FILTER
1
5
AUXILIARY PUMP
6
7 IN
OUT 8
9
10
LIFT PUMP MOTOR
11
LIFT PUMP
12
13
14
14
15
16
8 V2
8 V1
SWING MOTOR
17 P1
17 SEC1
17 SW1
17 PR1
17 ST1
17 P2
17 SEC2
17 SW2
17 PR2
17 ST2
17 RET.
17 PL2
17 BRK
18 T
17 PL1
7 P
17 EXT.
FUNCTION MANIFOLD

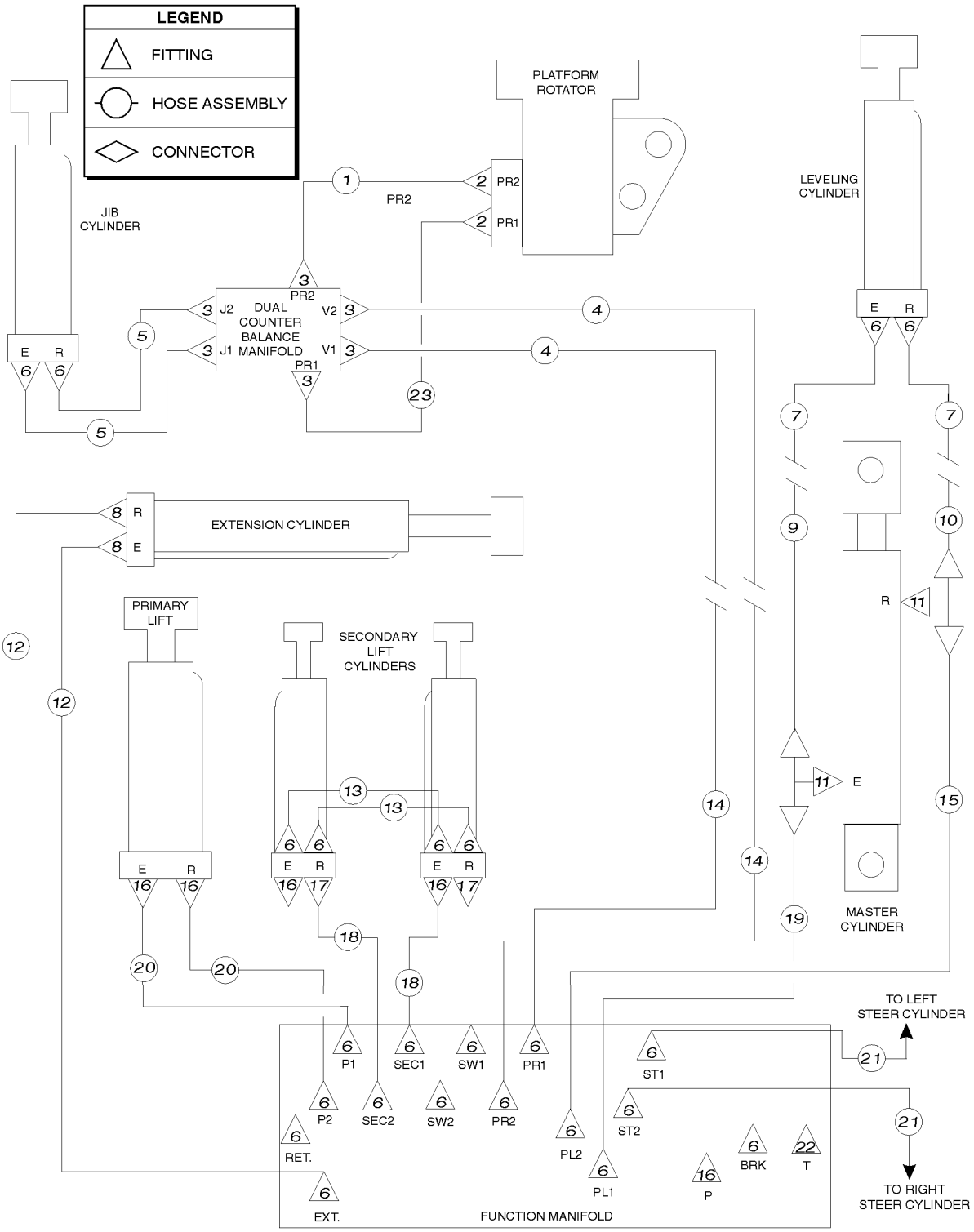
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48944GT	CONN,520102-8-8	2
2	49143-2535GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
3	48947GT	ELBOW,90D,520220-8-12	1
4	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	1
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 FEMM*	1
17	48912GT	CONN,520120-4-6***	15
18	48942GT	ELBOW, 90, 24 C5OLO-S	1


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
PLATFORM ROTATOR
1 PR2
1 PR1
LEVELING CYLINDER
2
2
E R
3 3
4 E
4 R
EXTENSION CYLINDER
5
6
PRIMARY LIFT
SECONDARY LIFT CYLINDERS
R 7
8
8
9
9
3 3
E R
12 12
3 3
E R
12 13
3 3
E R
12 13
7 E
10
10
11
14
15
15
14
16
MASTER CYLINDER
TO LEFT STEER CYLINDER
3 P1
3 SEC1
3 SW1
3 PR1
3 ST1
17
3 P2
3 SEC2
3 SW2
3 PR2
3 ST2
17
3 RET.
3 PL2
3 BRK
18 T
3 EXT.
3 PL1
12 P
TO RIGHT STEER CYLINDER
FUNCTION MANIFOLD

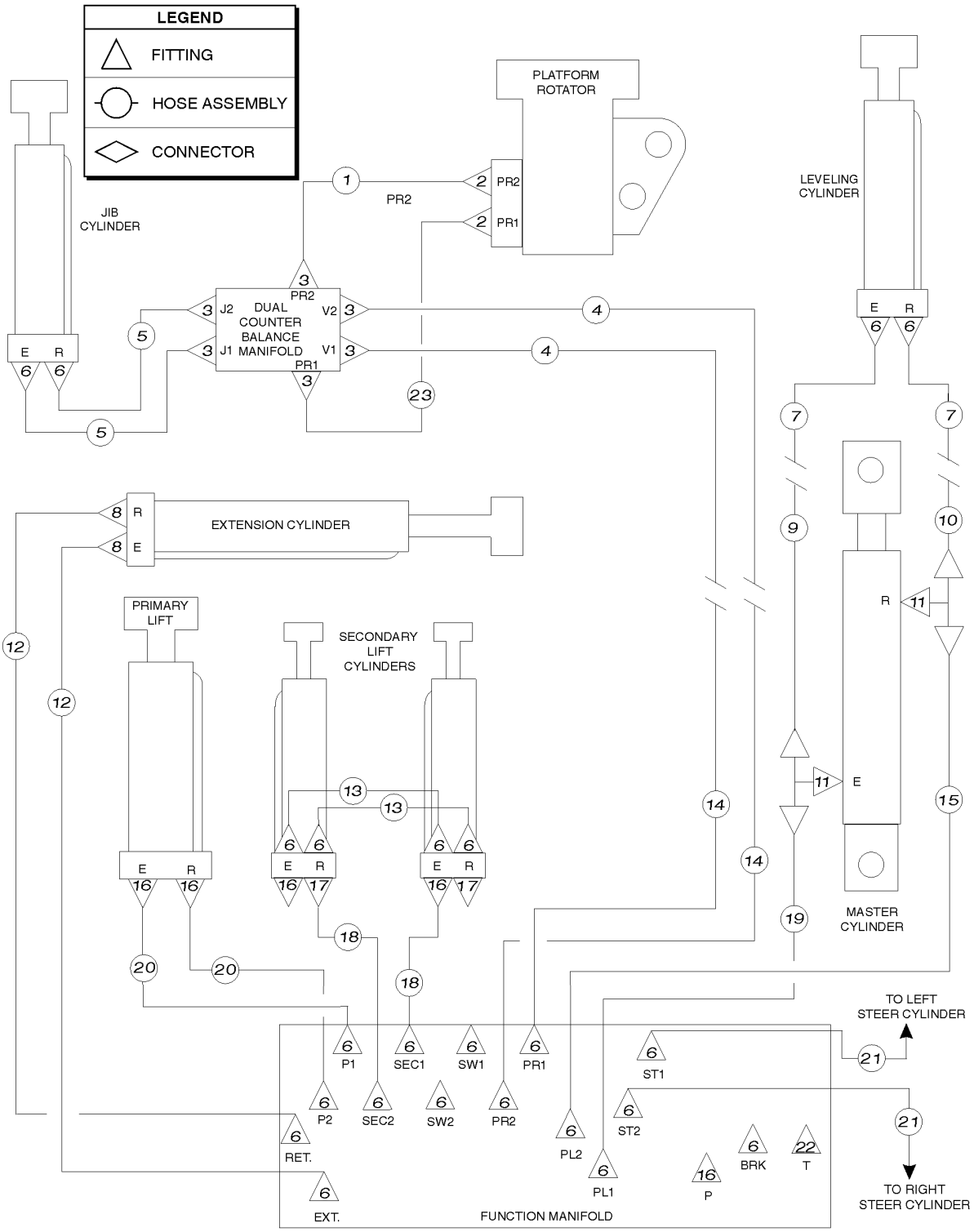
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	77103GT	SLEEVE,NYLON,3.13 ID protective hose sleeve, 3.13" diameter	27 inches
	77103GT	SLEEVE,NYLON,3.13 ID protective hose sleeve, 3.13" diameter	48 inches
	48767GT	SLEEVE,NYLON,1.42 ID protective hose sleeve, 1.42" diameter	25 inches
	48767GT	SLEEVE,NYLON,1.42 ID protective hose sleeve, 1.42" diameter	33 inches
	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') protective hose sleeve, 2.00" diameter	18 inches
	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') protective hose sleeve, 2.00" diameter	23 inches
	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') protective hose sleeve, 2.00" diameter	28 inches
1	48904GT	ELBOW, 90D, 520220-4	2
2A	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
5A	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	
6A	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
9A	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	


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
PLATFORM ROTATOR
1 PR2
1 PR1
LEVELING CYLINDER
2
2
E R
3 3
4 E
4 R
EXTENSION CYLINDER
5
6
PRIMARY LIFT
SECONDARY LIFT CYLINDERS
8
8
9
9
R 7
7 E
3 3
E R
12 12
3 3
E R
12 13
3 3
E R
12 13
10
10
11
14
15
15
14
16
MASTER CYLINDER
TO LEFT STEER CYLINDER
17
3 P1
3 SEC1
3 SW1
3 PR1
3 ST1
3 P2
3 SEC2
3 SW2
3 PR2
3 ST2
17
3 RET.
3 PL2
3 BRK
18 T
3 PL1
12 P
3 EXT.
FUNCTION MANIFOLD
TO RIGHT STEER CYLINDER

Item	*Part No.*	*Description*	*Qty.*
9C	49119-2178GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN Z452512A-44812	
10A	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

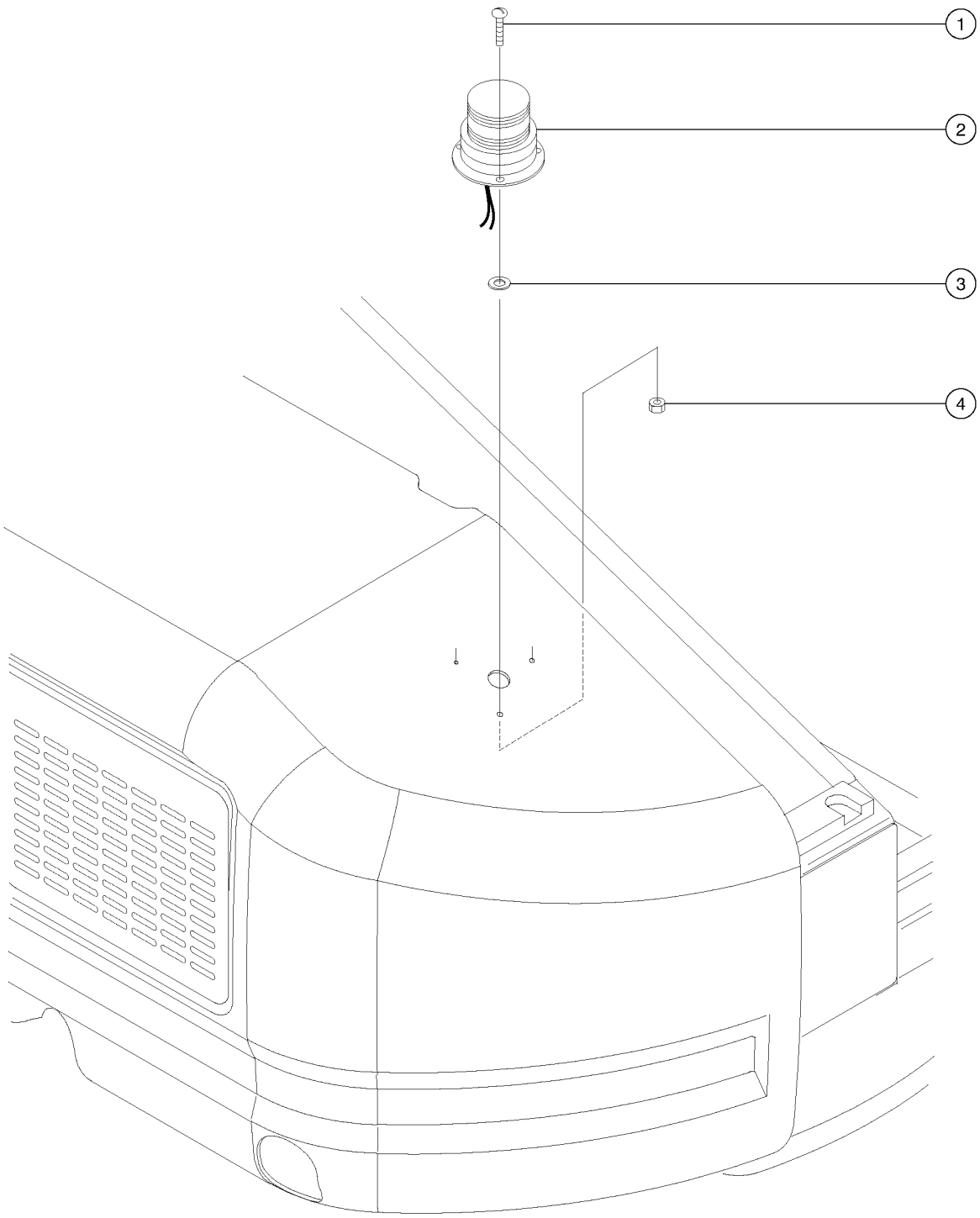

LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
PLATFORM ROTATOR
LEVELING CYLINDER
JIB CYLINDER
PR2
PR1
DUAL COUNTER BALANCE MANIFOLD
J1
J2
V1
V2
EXTENSION CYLINDER
PRIMARY LIFT
SECONDARY LIFT CYLINDERS
MASTER CYLINDER
TO LEFT STEER CYLINDER
TO RIGHT STEER CYLINDER
FUNCTION MANIFOLD
P1
SEC1
SW1
PR1
P2
SEC2
SW2
PR2
RET.
EXT.
PL2
PL1
ST1
ST2
BRK
T
P

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 inches
	48767GT	SLEEVE,NYLON,1.42 ID	7 inches
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	2
3	48905GT	CONNECTOR, 520120-4	5
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	


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
PLATFORM ROTATOR
LEVELING CYLINDER
JIB CYLINDER
PR2
PR1
DUAL COUNTER BALANCE MANIFOLD
J1
J2
V1
V2
EXTENSION CYLINDER
PRIMARY LIFT
SECONDARY LIFT CYLINDERS
MASTER CYLINDER
TO LEFT STEER CYLINDER
TO RIGHT STEER CYLINDER
FUNCTION MANIFOLD
P1
SEC1
SW1
PR1
P2
SEC2
SW2
PR2
RET.
EXT.
PL1
PL2
ST1
ST2
BRK
T
P

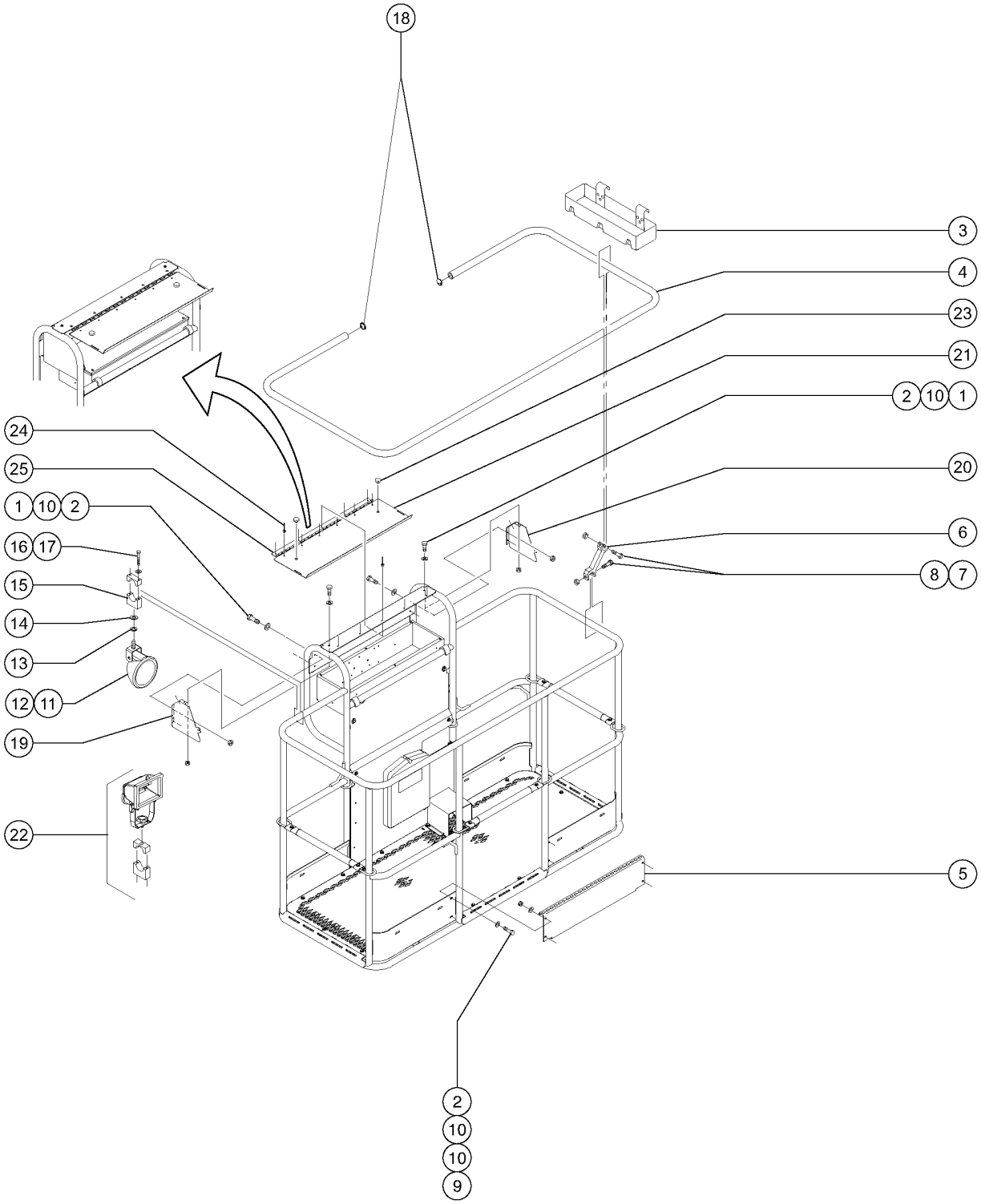
Item	*Part No.*	*Description*	*Qty.*
19	49119-35678GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
20	49119-36378GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
21	49117-11091GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
22	48942GT	ELBOW, 90, 24 C5OLO-S	1
23	49119-2078GT	HOSE ASSY,1/4,STR FEM,STR FEM* to SN 38910	1
23B	49119-2374GT	ASSY, HOSE, HYD, -4, 3250, STR, STR from SN 38911 to 44811	
23C	49119-2224GT	ASSY, HOSE, HYD, -4, 3250, STR, STR from Z452512A-48812	

901.1 Flashing Beacon



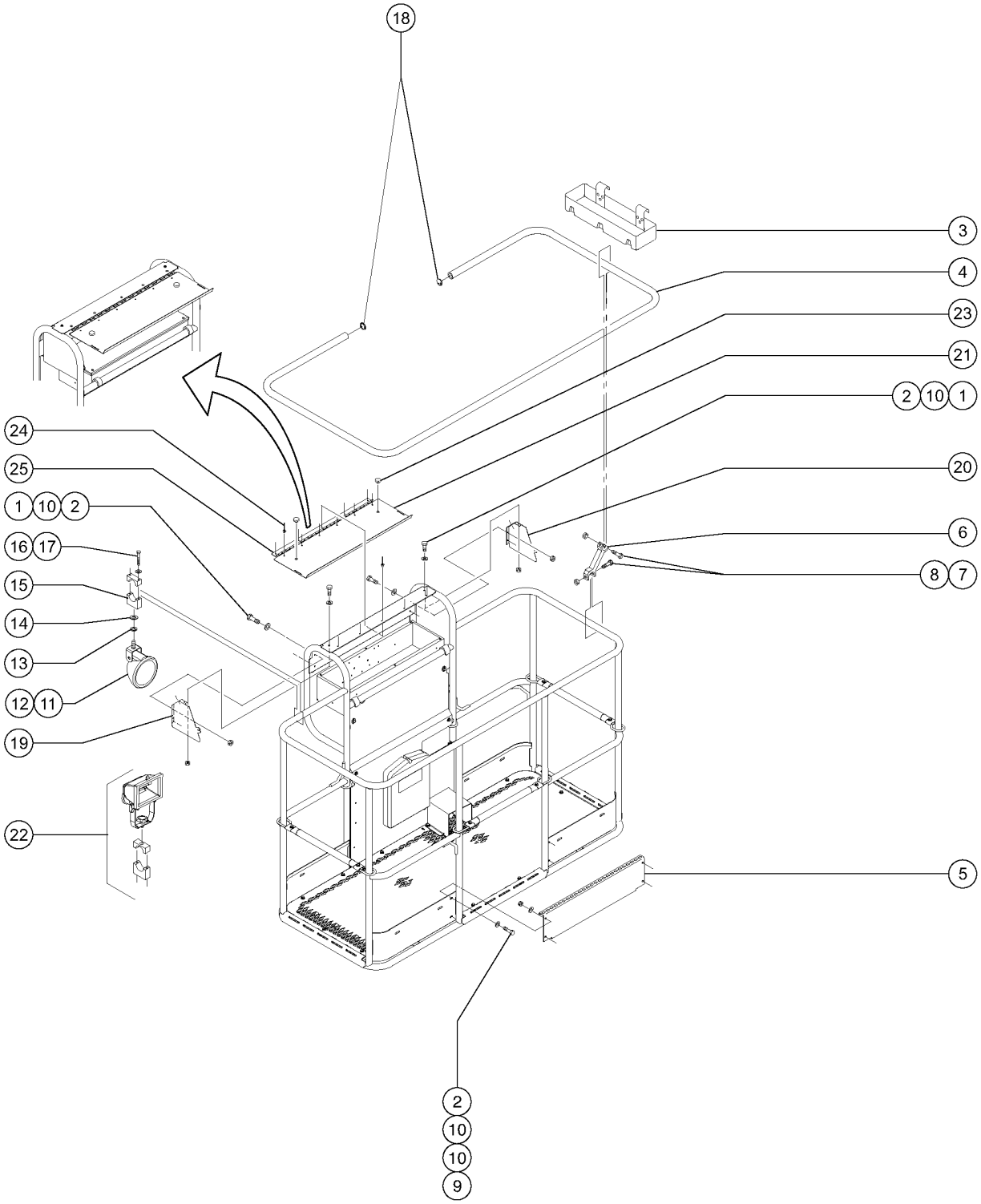
Item	*Part No.*	*Description*	*Qty.*
1	826516GT	SCREW, PHPM, 10-32 X 1.0, ZAG	3
2	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** (replaced 20189)	1
2-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
2-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
2-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
3	35461GT	WASHER,FLAT,MS,#8,Y	
4	1264261GT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

902.1 Platform Options

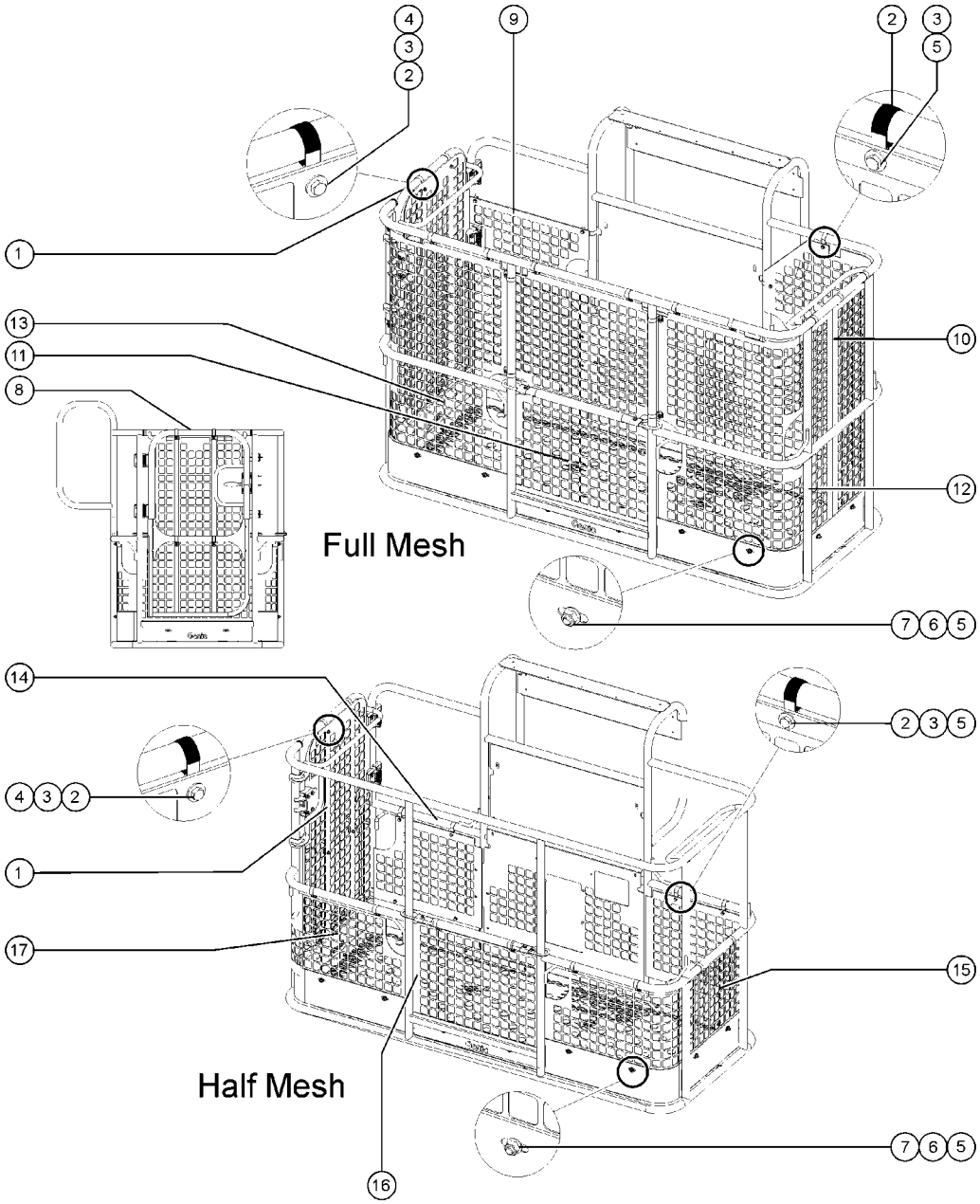


Item	Part No.	Description	Qty.
	28323GT	OPTION,PLAT.PINCH GUARD,4 FT.	
	28322GT	OPTION,PLAT.PINCH GUARD,5 FT.	
	53157-SGT	PINCH GUARD,6'(1.31")SERVICE**	
	53808-SGT	AUX TOP RAIL,6'(1.25")SERVICE	
	53807-SGT	AUX TOP RAIL,8'(1.25")SERVICE	
	122278GT	AUX TOP RAIL,6',SWG GT, SRV	
	122279GT	AUX TOP RAIL,8',SWG 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
11-	35960GT	BULB,WORKLIGHT,12V 35W	
11-		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

902.1 Platform Options

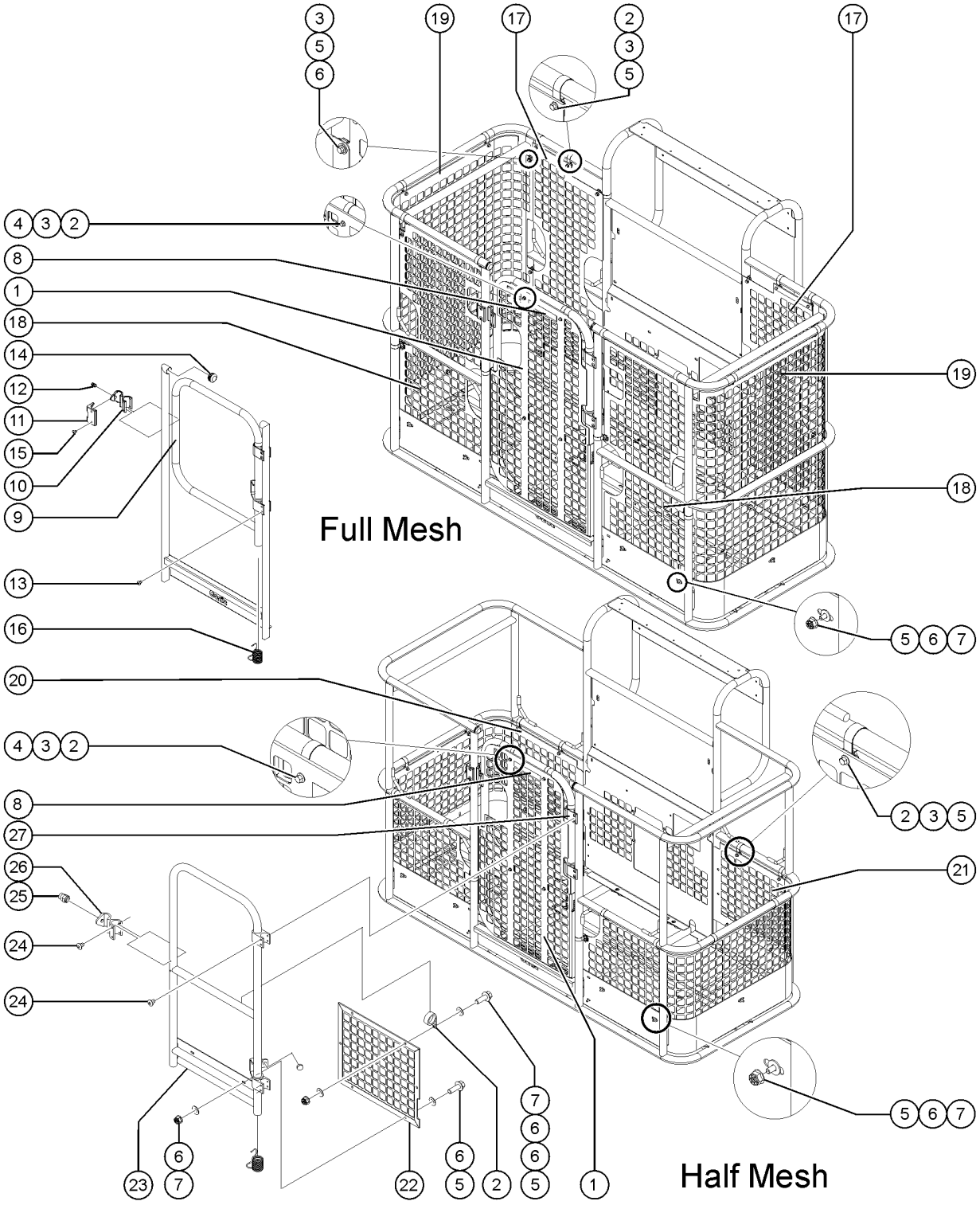


Item	Part No.	Description	Qty.
12	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
13	6886GT	WASHER,LOCK,.313	
14	5397GT	WASHER, FLAT, USS, 5/16-18	
15	35956GT	WORK LIGHT MOUNTING BRACKET	2
16	6145GT	SCREW, HHC, 1/4-20 X 1.5	
17	6356GT	WASHER, LOCK, .25	
18	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
19	88607PGT	COVER,CONTROL 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


4
3
2
9
2
3
5
1
13
11
8
10
12
7
6
5
Full Mesh
14
2
3
5
4
3
2
1
17
15
Half Mesh
7
6
5
16

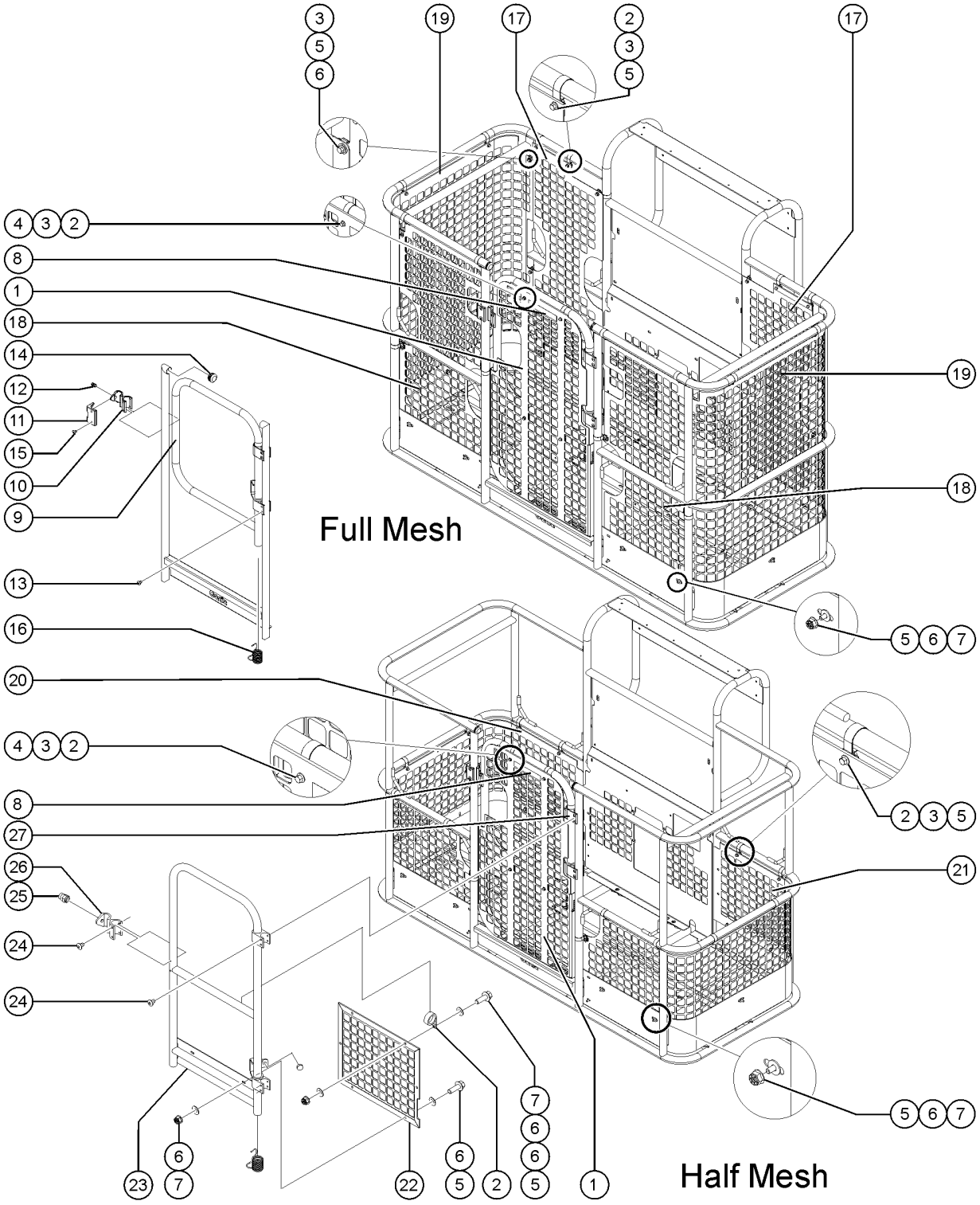
Item	Part No.	Description	Qty.
-	1286622GT	KIT, 6' FULL MESH,SIDE GATE	
-	1275282GT	KIT, 6' HALF MESH,SIDE GATE	
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG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

903.2 Platform Mesh-Front Single Entry



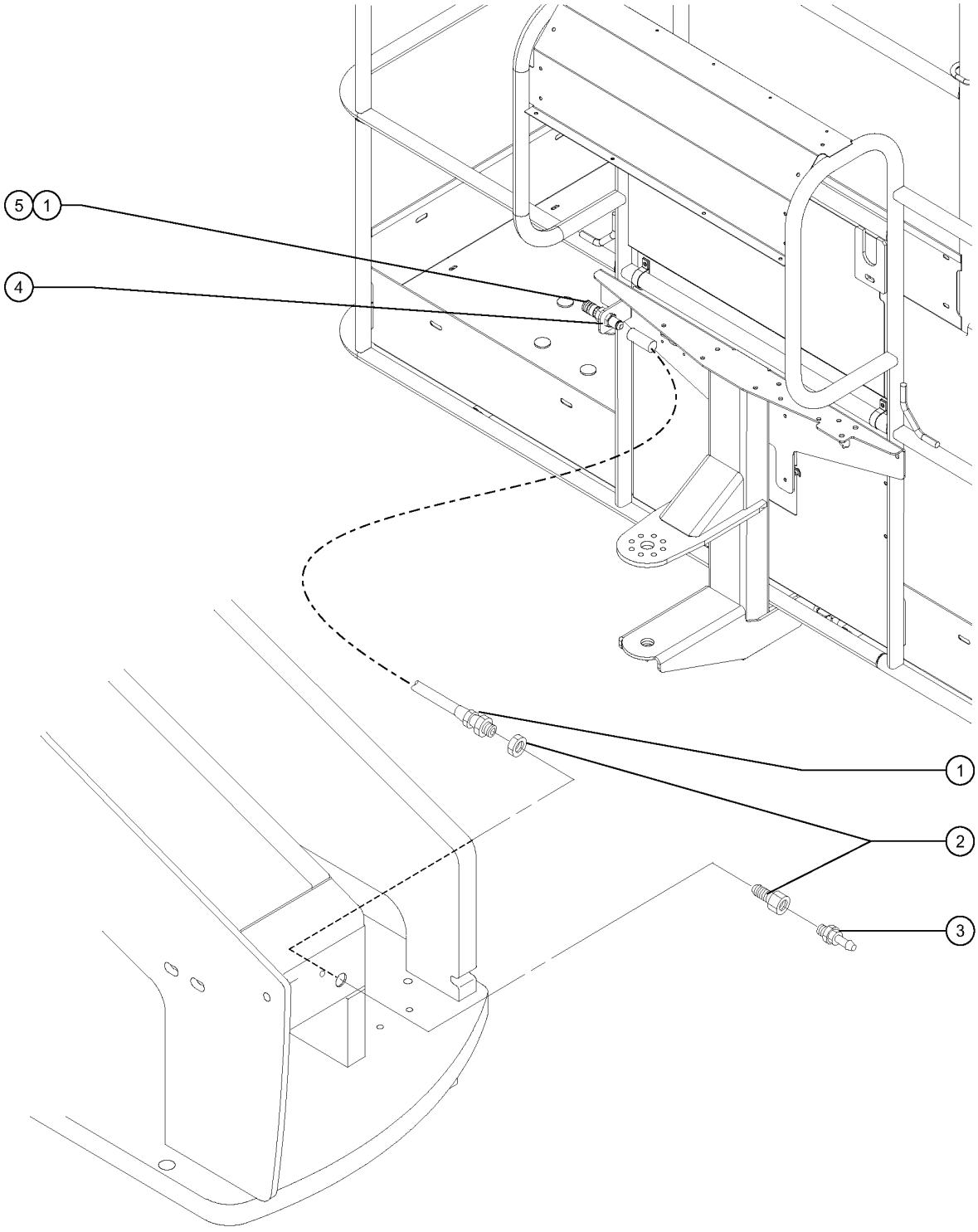
Item	Part No.	Description	Qty.
-	1290895GT	KIT, 6' FULL MESH W/FRONT HALF GATE	
-	1290893GT	KIT, 6' HALF MESH W/FRONT HALF GATE	
-	1290135GT	KIT,HALF FRONT,SWING GATE (Includes items 9-16)	
-	128368GT	KIT,SWING GATE W/SPRING (Includes items 23) (doesn't include 63311, 1487, and 1488) (Replacement Kit Only)	1
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
6	824113GT	WASHER,FLAT,USS,1/4,ZAG	
7	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
8	1282390GT	LABEL, LIFT GUARD, PLATFORM MESH	1
9	1283880GT	WELDMENT,ALUM HALF GATE	1
10	1487GT	GATE LATCH CASTING--DRILLED	1
11	1488GT	RAILING CATCH CASTING--DRILLED	1
12	33674GT	PIN,LOCK,SHORT***	1
13	43392GT	BUMPER,BATTERY BOX & RAILS	1
14	55753GT	BUMPER, PLASTIC, 1.25 O.D.	3
15	824207GT	RIVET, STL, STL, DOME, 1/4 X .375, ZAG	14
16	42104GT	SPRING,SHORT PLATFORM GATE	1
A		FULL MESH	
17	1291429GT	MESH, FULL 6',BACK PANEL 6 feet platform	2
18	1291430GT	MESH, FULL 6',FRONT PANEL 6 feet platform	2
19	1291428GT	MESH, FULL 6',SIDE PANEL 6 feet platform	2
B		HALF MESH	
20	54458GT	MESH,HALF,LH,6'PLATFORM 6 feet platform (to SN 22737)	1
20B	101852GT	MESH,HALF,LH 5' PLATFORM 5 feet platform (from SN 22738)	
21	1270313GT	PANEL, HALF MESH 6 feet platform (to SN 22737)	1

903.2 Platform Mesh-Front Single Entry



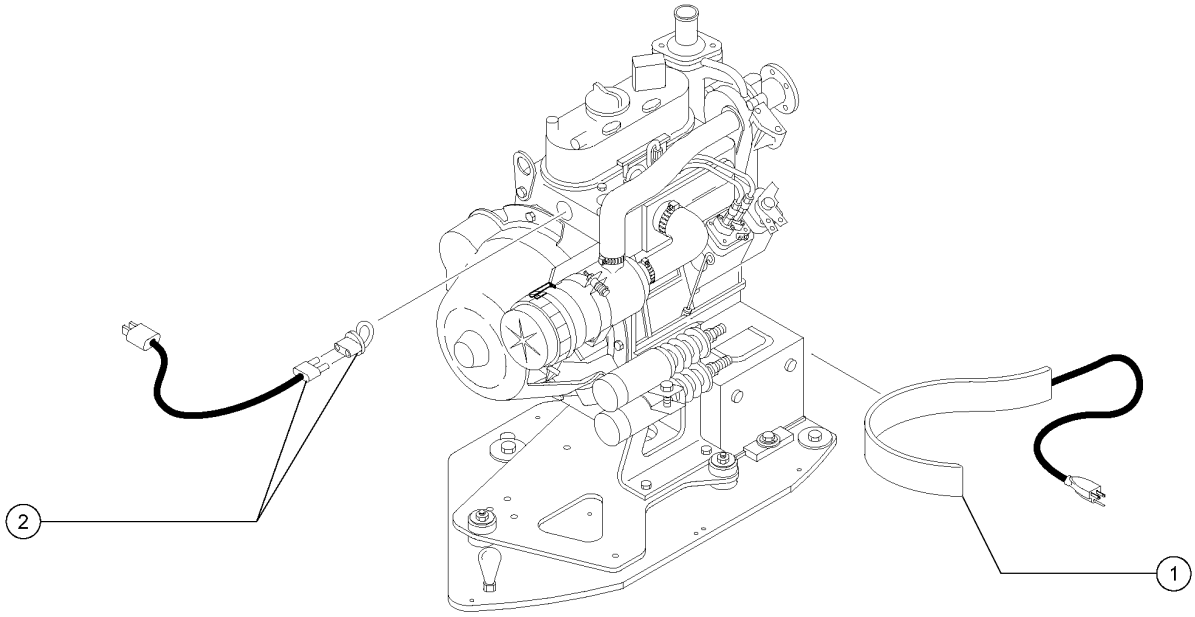
Item	*Part No.*	*Description*	*Qty.*
21B	101853GT	MESH,HALF,RH 5' PLATFORM 5 feet platform (from SN 22738)	
C		FULL GATE	
22	54457GT	MESH,HALF,SWING GATE***	1
23	128374GT	WELDMENT,SWING GATE,ALUMINUM	
23-	42104GT	SPRING,SHORT PLATFORM GATE	
23-	43392GT	BUMPER,BATTERY BOX & RAILS	
24	824207GT	RIVET, STL, STL, DOME, 1/4 X .375, ZAG	
25	63311GT	SNAP PIN	
26	1487GT	GATE LATCH CASTING--DRILLED	
27	1488GT	RAILING CATCH CASTING--DRILLED	

904.1 Air Line to Platform



Item	Part No.	Description	Qty.
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

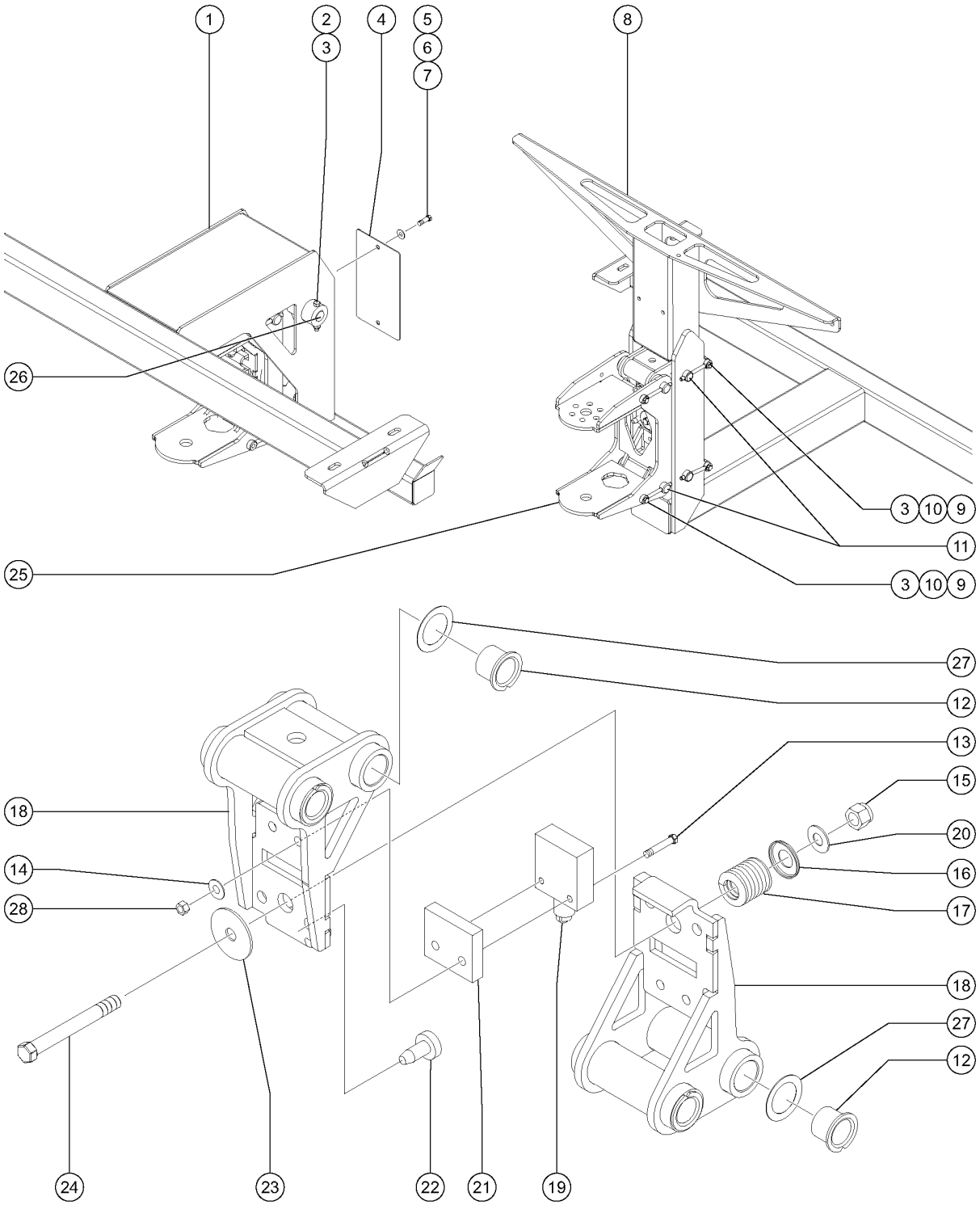
905.1 Cold Start Package



905.1 Cold Start Package

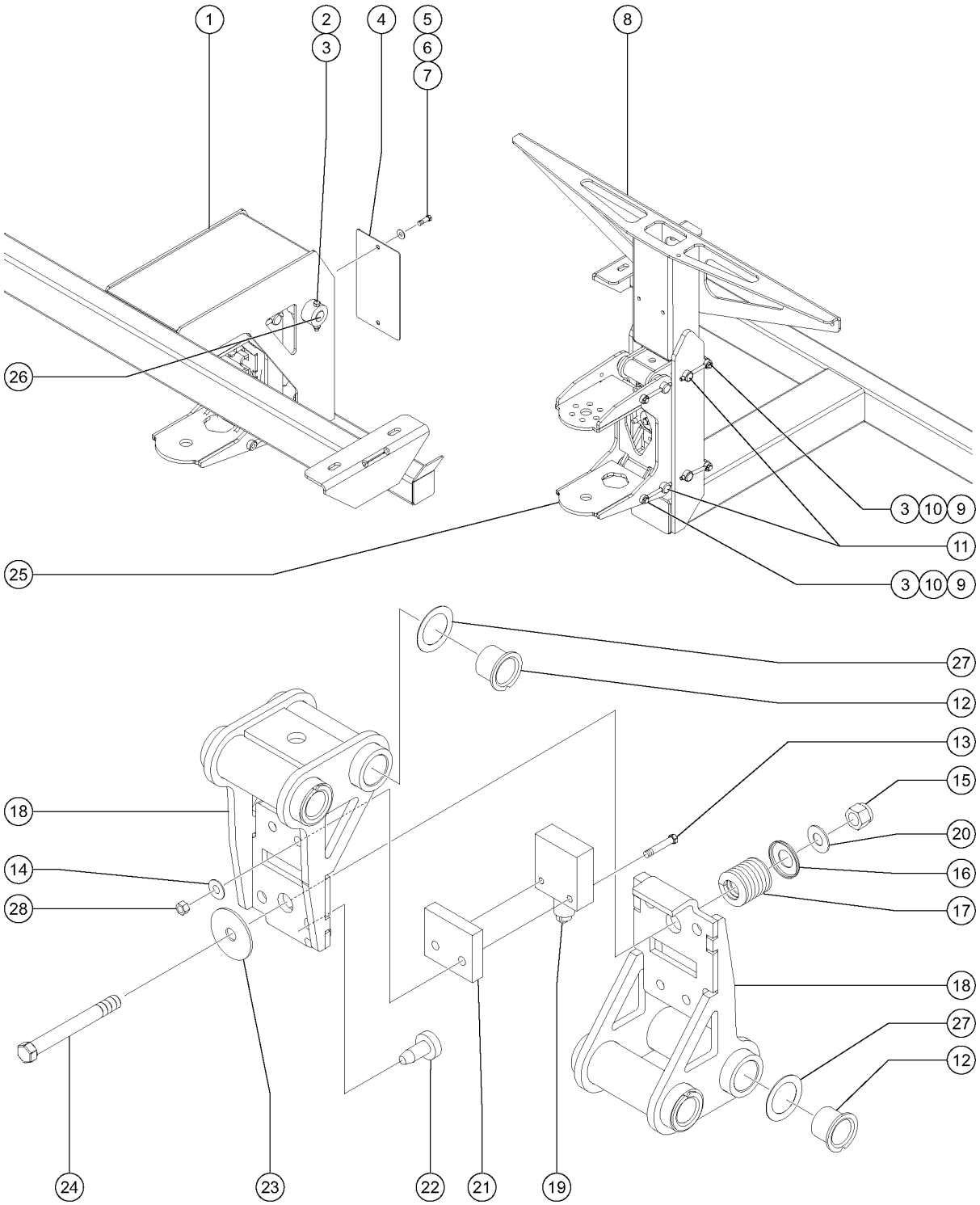
Item	Part No.	Description	Qty.
	70707GT	COLD START PKG,120V BI-ENERGY	
1	28853GT	BLANKET,BATTERY	1
2	70683GT	FREEZE PLUG HEATER,Z45	1

906.1 Platform Overload Option



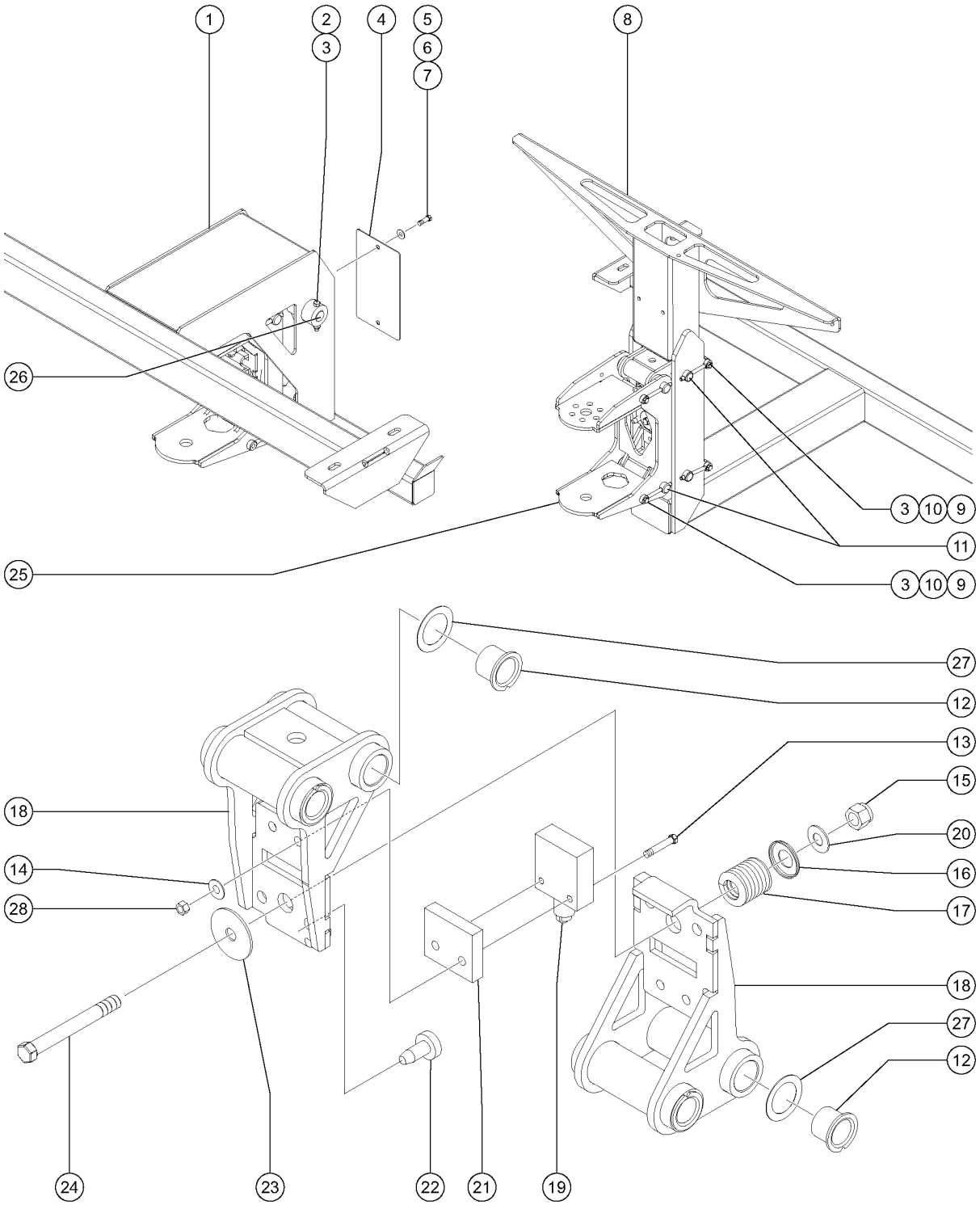
Item	Part No.	Description	Qty.
C-	128045GT	MODULE,LOAD SENSE 2007	
1	98154GT	WELDMENT,PLAT SUPPORT,LS non-jib models with platform overload option	1
2	4266GT	SCREW,HHC,1/4-20 X 2	
3	6091GT	NUT,NYLOCK,1/4-20	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	6090GT	SCREW, HHC, 1/4-20 X .75	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
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
19A	94642GT	SWITCH,LOAD LIMIT (to SN Z452510A-39313) Z-45/25	
19B	147786GT	ASSY, LS, LOAD SENSE, 89 IN (from SN Z452510A-39314) Z-45/25	
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
26	99174GT	PIN,0.75DIAX8.75LG,CHAMFER (Z-45/25)	2

906.1 Platform Overload Option



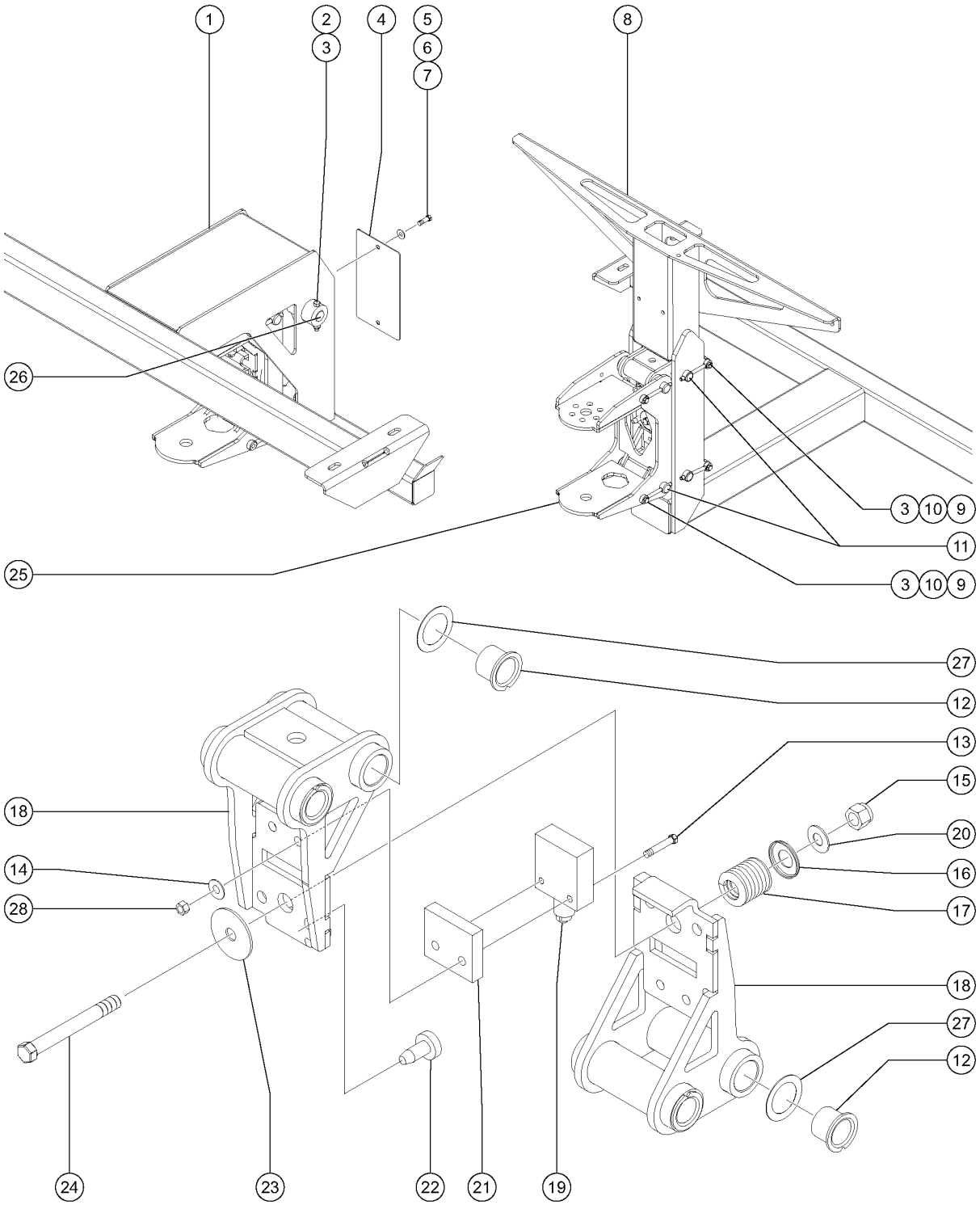
Item	*Part No.*	*Description*	*Qty.*
26-	94643GT	ZERK,GREASE,5/16-24,STRAIT	
27	110789GT	WASHER,SHIM .0151 THK.	as-needed
28	5365GT	NUT,NYLOCK,10-24	

906.2 Platform Overload Option



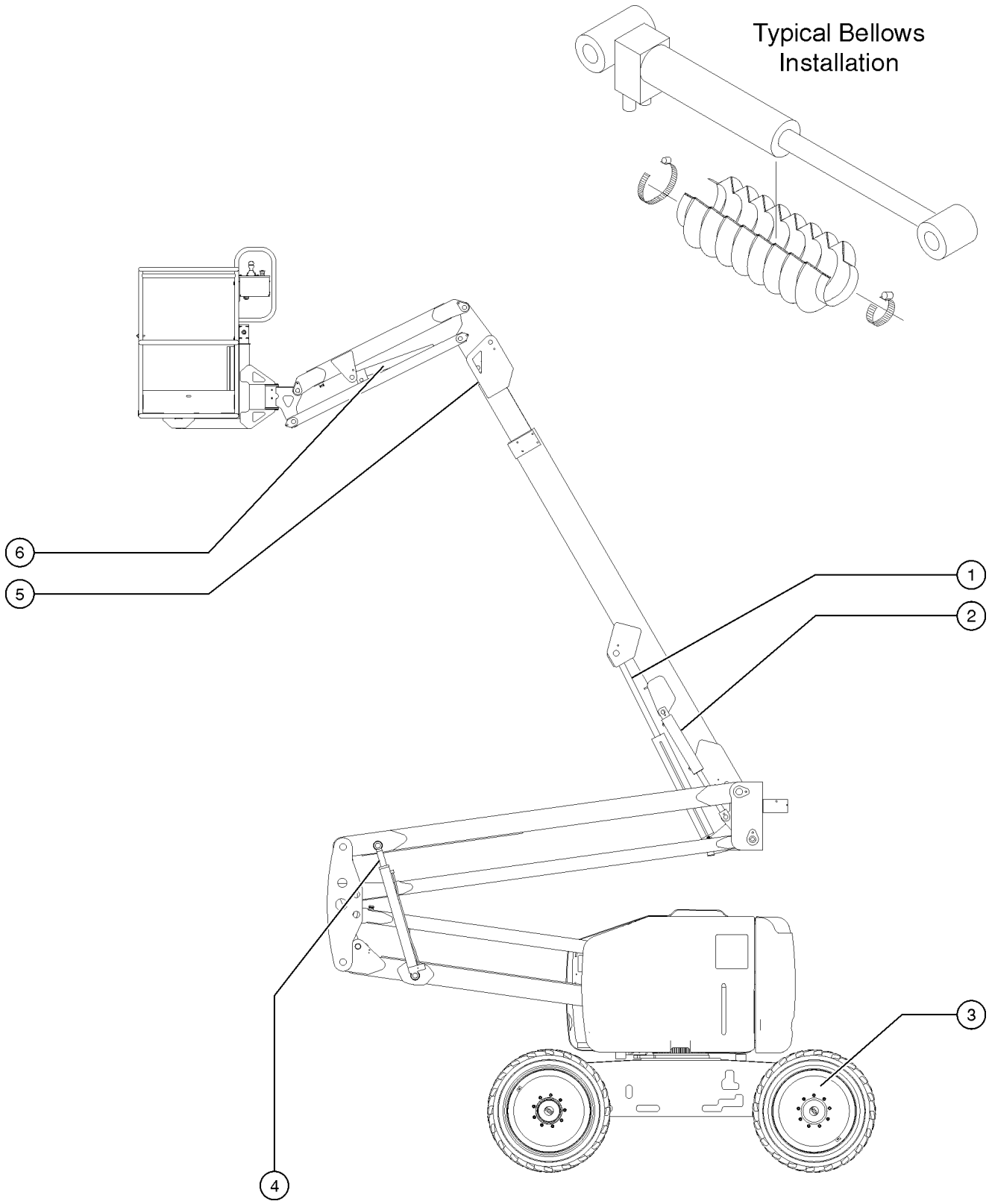
Item	Part No.	Description	Qty.
B-	147509GT	KIT,LOAD SENSE MECH,Z45 JIB (from SN Z4510A-39314 and from SN Z4510B-1488)	
C-	128045GT	MODULE,LOAD SENSE 2007	
2	4266GT	SCREW,HHC,1/4-20 X 2	
3	6091GT	NUT,NYLOCK,1/4-20	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	6090GT	SCREW, HHC, 1/4-20 X .75	
6	6638GT	WASHER, FLAT, 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

906.2 Platform Overload Option



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

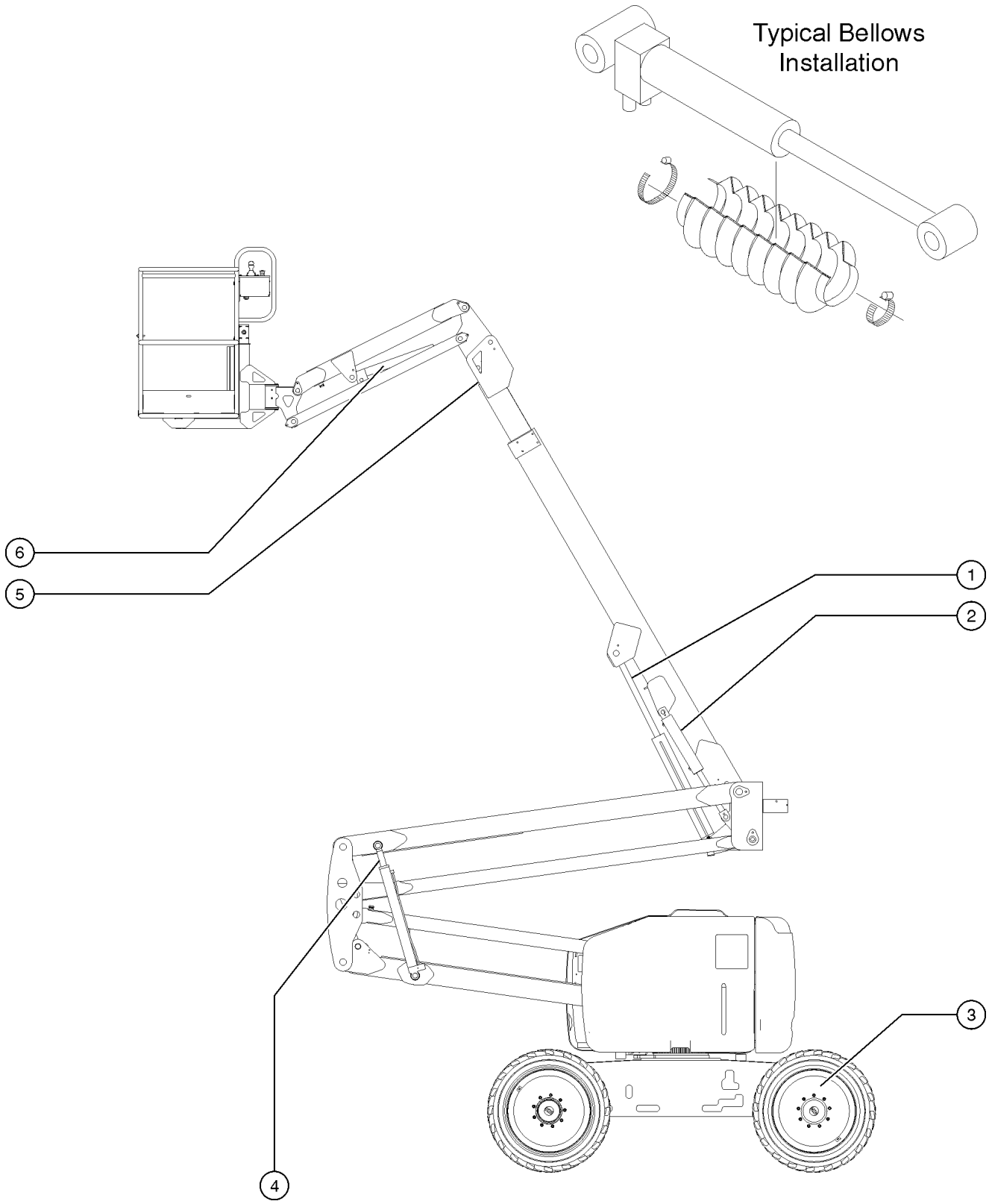
907.1 Hostile Environment Package - View 1, Z-45/25 Bi-Energy



907.1 Hostile Environment Package - View 1, Z-45/25 Bi-Energy

Item	*Part No.*	*Description*	*Qty.*
	54884GT	BELLOWS,CYLINDER KIT,Z45 N/JIB	
1A	54637GT	BELLOWS,PRIMARY CYLINDER,N/JIB	1
2	54640GT	BELLOWS,MASTER CYLINDER	1
3	54989GT	BELLOWS,STEERING CYLINDER	1
4	54652GT	BELLOWS,SECONDARY,ELEVATE CYL	1
5	54639GT	BELLOWS,SLAVE CYLINDER	1

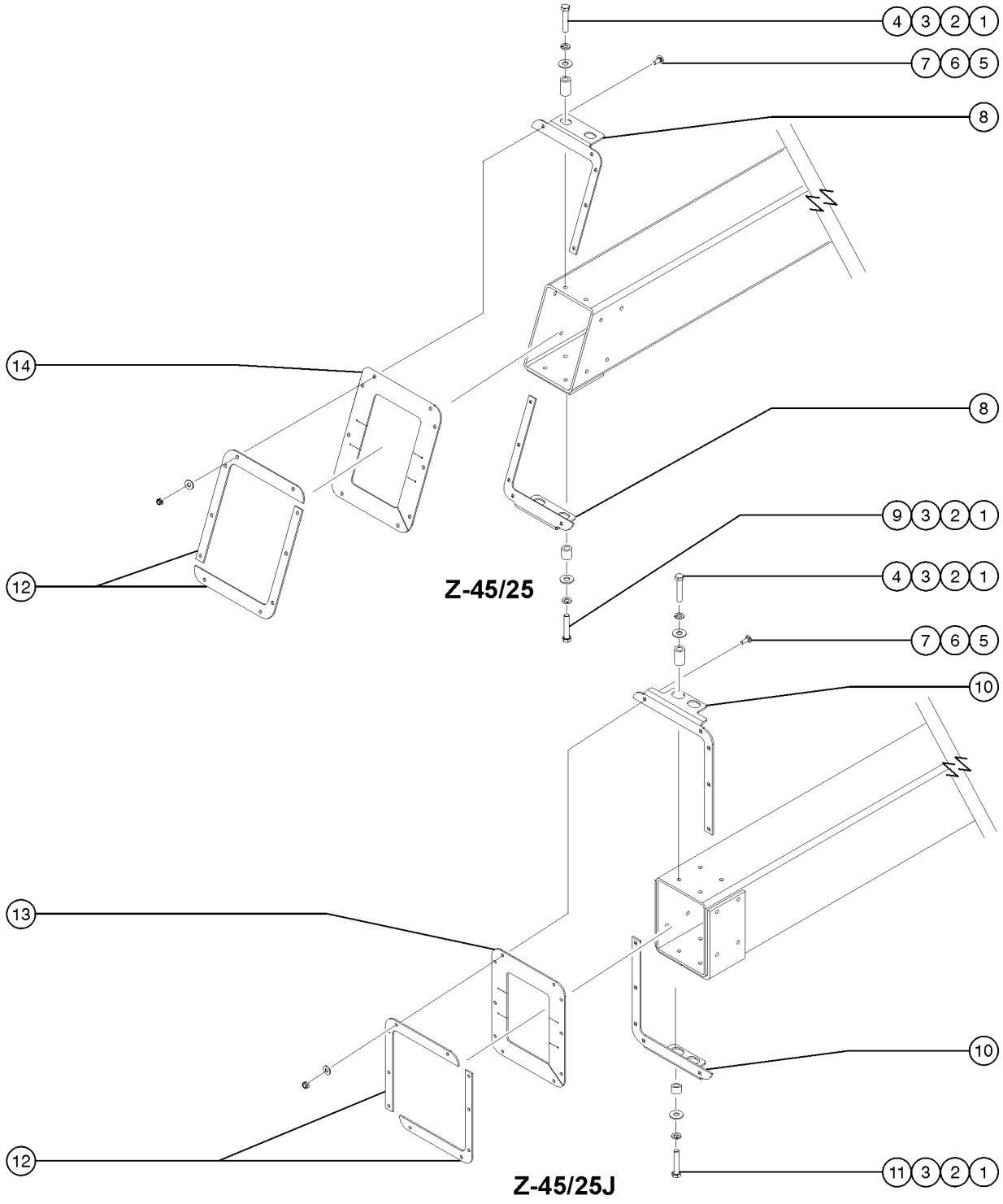
907.2 Hostile Environment Package - View 1, Z-45/25(J) Bi-Energy



907.2 Hostile Environment Package - View 1, Z-45/25(J) Bi-Energy

Item	*Part No.*	*Description*	*Qty.*
	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	54652GT	BELLOWS,SECONDARY,ELEVATE CYL	1
5	54639GT	BELLOWS,SLAVE CYLINDER	1
6	54635GT	BELLOWS,JIB CYLINDER Z-45/25J	1

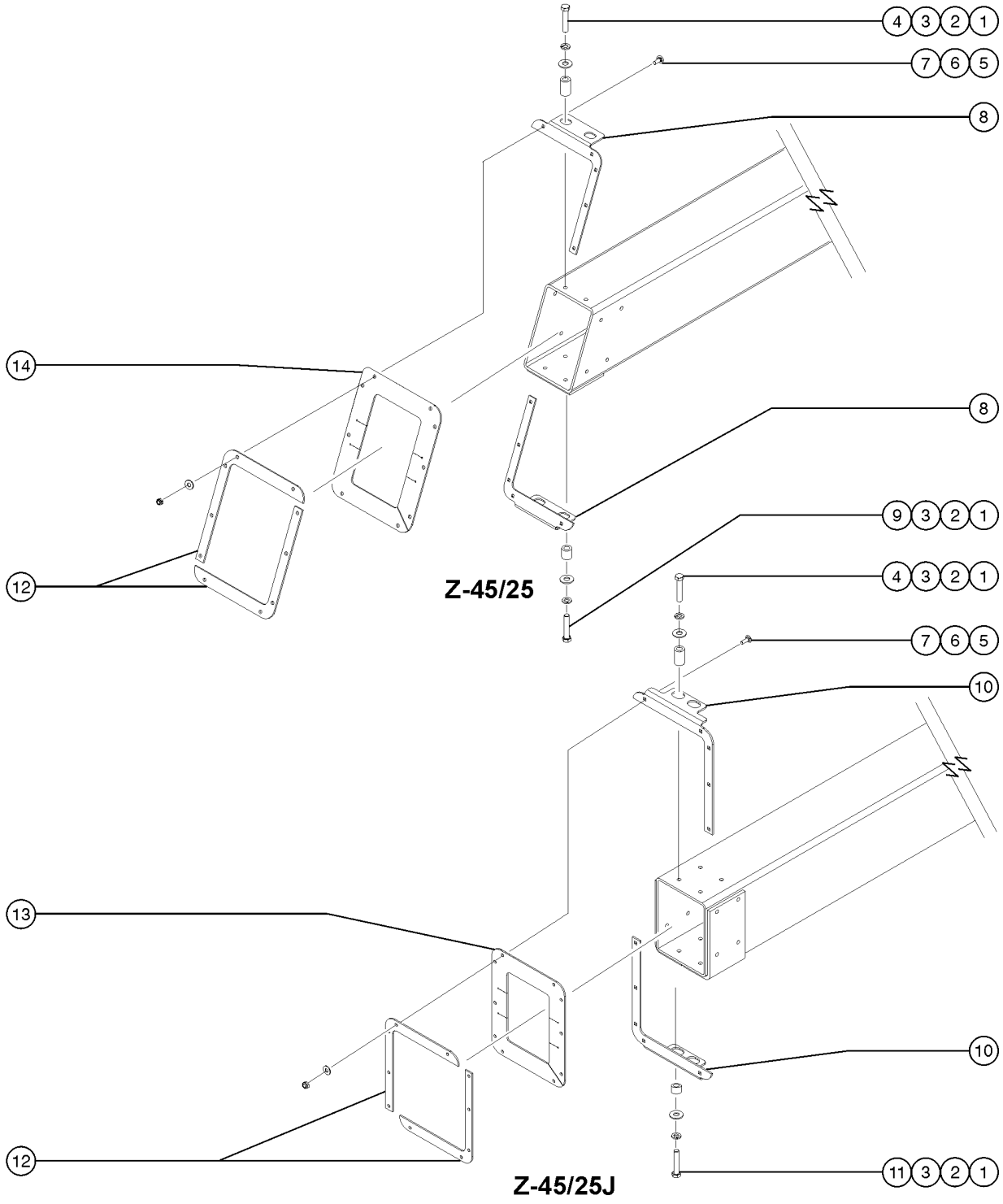
908.1 Hostile Environment Package - View 2, Z-45/25 Bi-Energy



908.1 Hostile Environment Package - View 2, Z-45/25 Bi-Energy

Item	Part No.	Description	Qty.
		KIT, WIPER, Z-45/25 ..... no longer available	
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	
8	147042GT	FORMING WIPER MOUNT	2
9	101932GT	TUBE, RD., STL., DOM .75 X .437 X .78	2
12	128973GT	PLATE,WIPER BACKING	2
14	147044GT	WIPER,PRIMARY BOOM	1

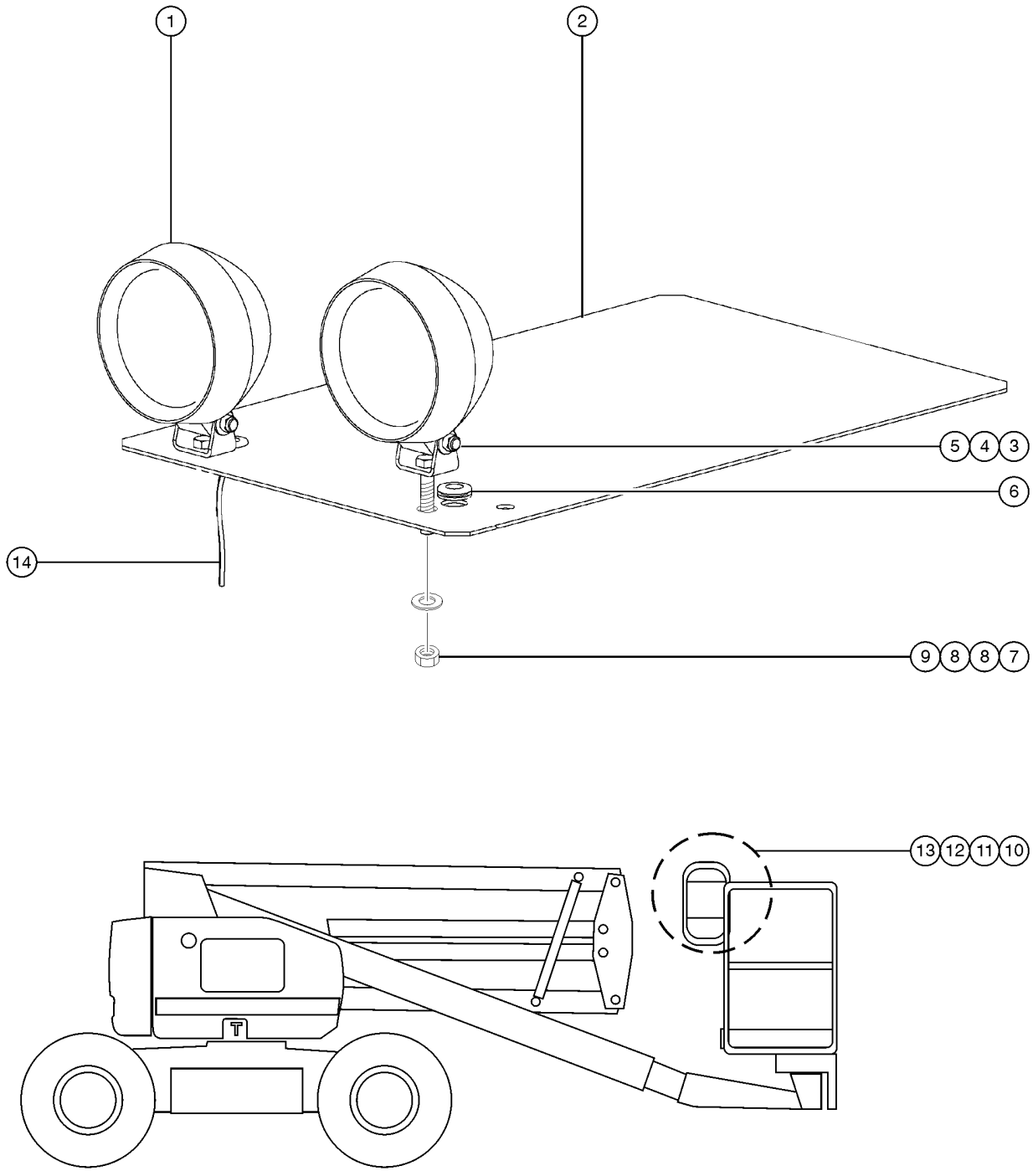
908.2 Hostile Environment Package - View 2, Z-45/25(J) Bi-Energy



908.2 Hostile Environment Package - View 2, Z-45/25(J) Bi-Energy

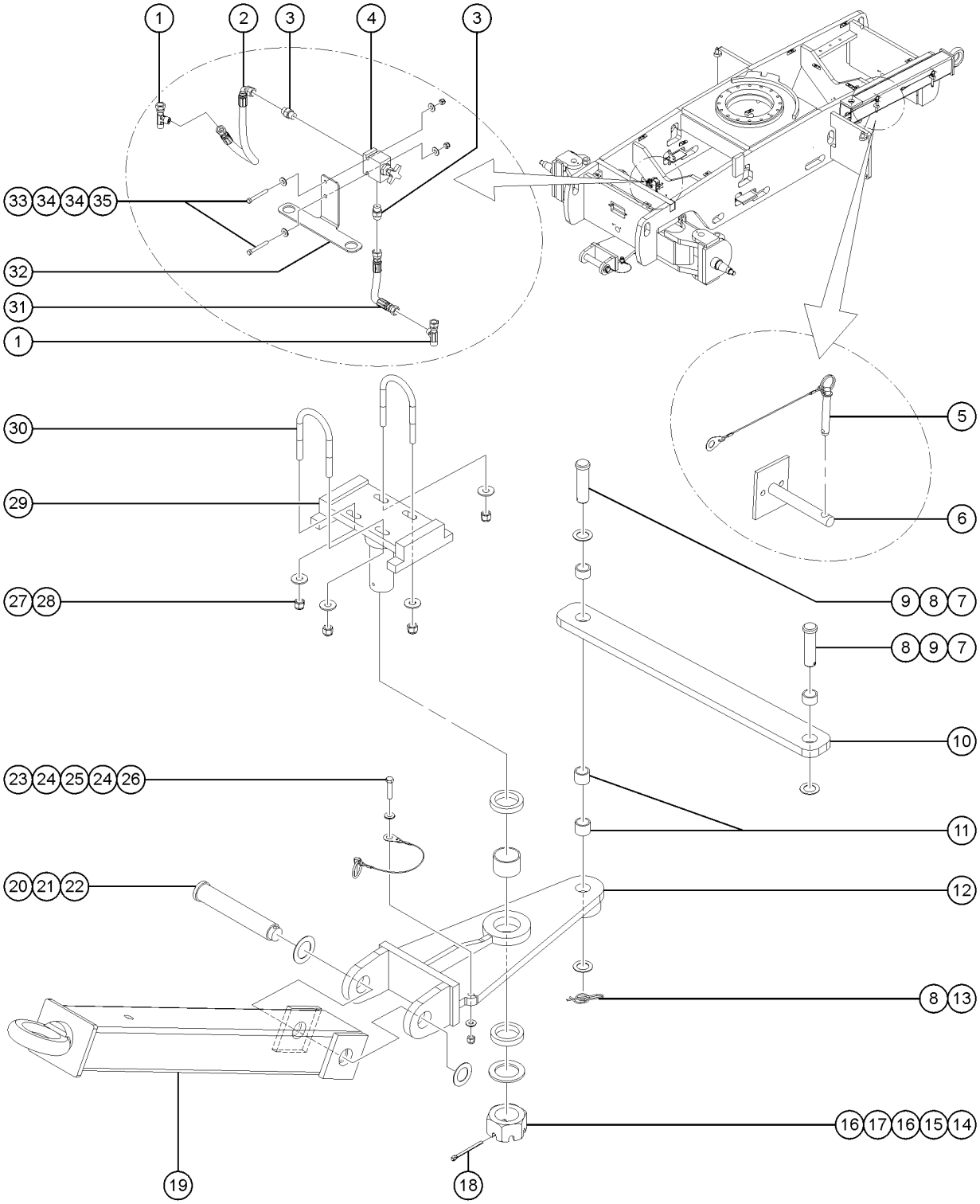
Item	Part No.	Description	Qty.
	147184GT	KIT, WIPER, Z-45/25J	
1	5224GT	SCREW,HHC,3/8-16 X 2	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	128852GT	TUBE,RD,STL,DOM,.75X.438X1.25	2
5	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
6	6021GT	WASHER, LOCK, .375	
7	6889GT	NUT,LP NYLOCK,1/4-20	
10	147041GT	FORMING WIPER MOUNT	2
11	45400GT	SPACER TUBE,.50 LG	2
12	128973GT	PLATE,WIPER BACKING	2
13	147181GT	WIPER,PRIMARY BOOM	1

909.1 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

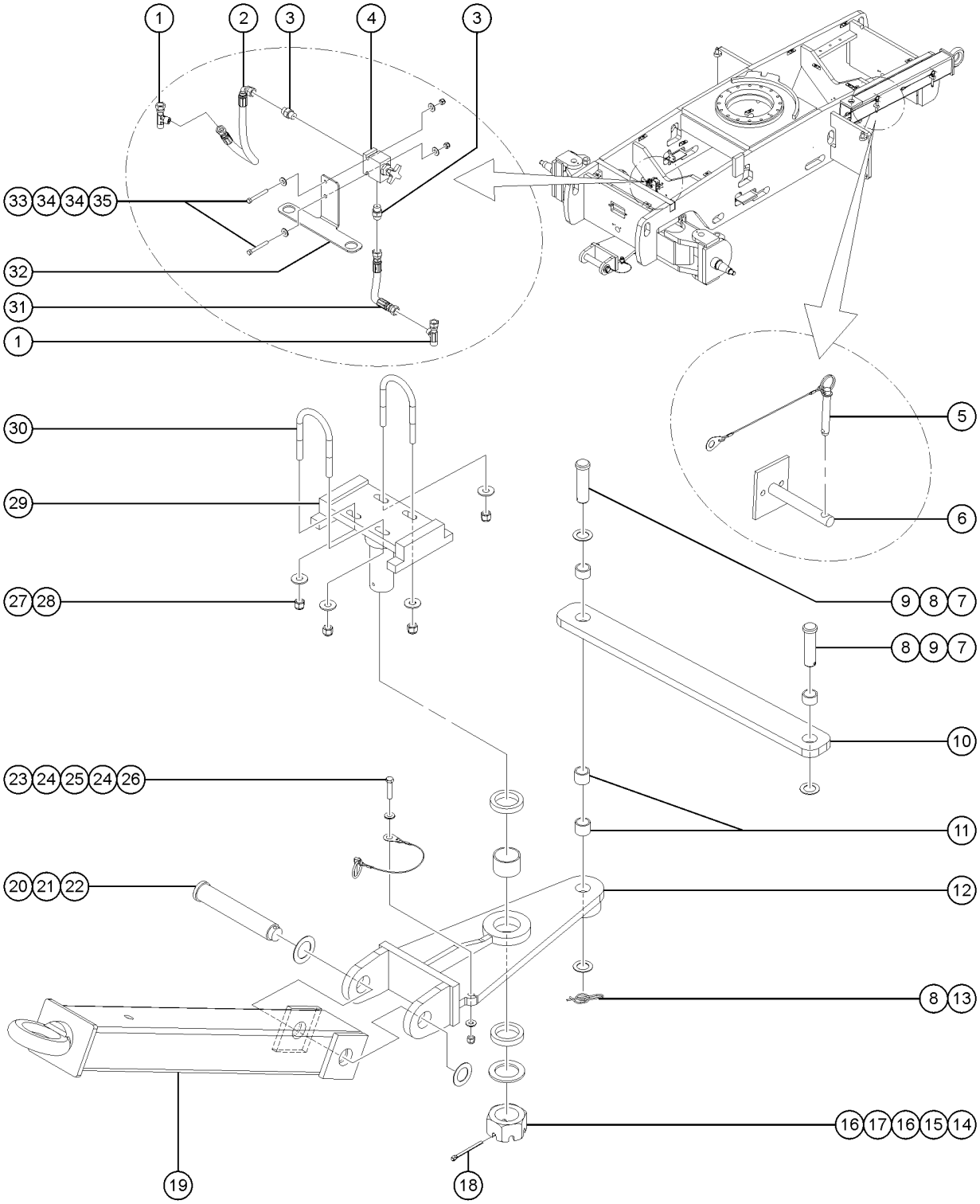
910.1 Tow Package



910.1 Tow Package

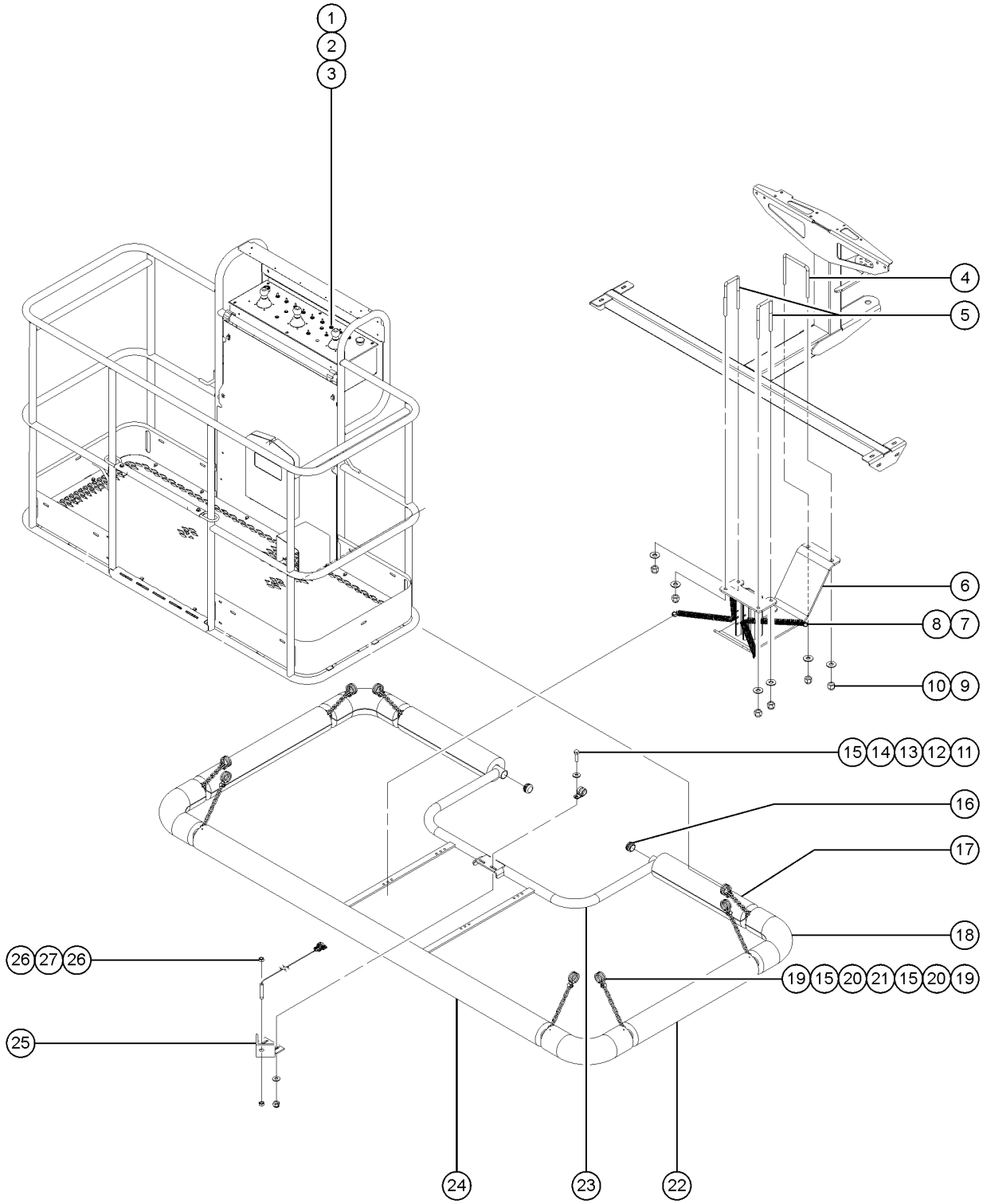
Item	Part No.	Description	Qty.
-	29104GT	DECAL,TOWING INSTRUCTIONS	1
-	35526GT	DECAL,CAUTION,TOWING SPEED	2
1	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	2
2	49117-1366GT	ASSY, HOSE, HYD, -4, 3250, STR, 90	1
3	48912GT	CONN,520120-4-6***	2
4	25282GT	VALVE,NEEDLE,BRAKE RELEASE	1
5	54145-1200GT	RETAINING PIN,ASSY	2
6		Ref., TOW STORAGE BRACKET	
7	70634GT	PIN,CLEVIS,1 X 3.5 LG***	2
8	30748GT	WASHER,SHIM,1.01 X 1.63 X.062	3
9	51474GT	BEARING,1.00IDX1.25ODX0.75L	2
10	54793PGT	PLATE,DRAG LINK,NRRW AXLE,PNT	1
11	25817GT	BEARING,1.00IDX1.25ODX1.00L	2
12	70638GT	MACHINING,TOW HITCH***	1
13	74389GT	RUE RING 1.00	1
14	54789GT	NUT,SLOTTED,2-4-1/2 UNC	1
15	36937GT	WASHER,THRUST,2.0 X 3.0 X .188	1
16	54757GT	BEARING,UHMW,2.75"DIAX.50"LG	2
17	18720GT	BEARING,2.0IDX2.25ODX1.50L	1
18	77087GT	PIN,COTTER,.25 X 3.0	1
19	54786GT	WELDMENT,HITCH TONGUE,Z45	1
20	106339GT	PIN,TOW HITCH,1.5DIAX8.25"GRIP	1
21	18595GT	WASHER,FLAT,1.78 X 2.50 X .057	1
22	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	1
23	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
24	5397GT	WASHER, FLAT, USS, 5/16-18	2
25	54432GT	LANYARD,LYNCH PIN ASSY	1
26	4828GT	NUT, NYLOCK, 3/8-16	1

910.1 Tow Package



Item	Part No.	Description	Qty.
27	6198GT	NUT, NYLOCK, 1/2-13	4
28	6095GT	WASHER,FLAT,USS,1/2",Y	4
29	70632GT	WELDMENT,STEER AXLE TOW CRADLE	1
30	70633GT	U-BOLT,1/2-13 X 3 X 5.25***	2
31	49116-1233GT	ASSY, HOSE, HYD, -4, 3250, STR, 45	1
32	70635PGT	BRACKET,TOW PKG VALVE MOUNT***	1
33	4266GT	SCREW,HHC,1/4-20 X 2	2
34	6638GT	WASHER, FLAT, USS, 1/4"Y	4
35	6091GT	NUT,NYLOCK,1/4-20	2

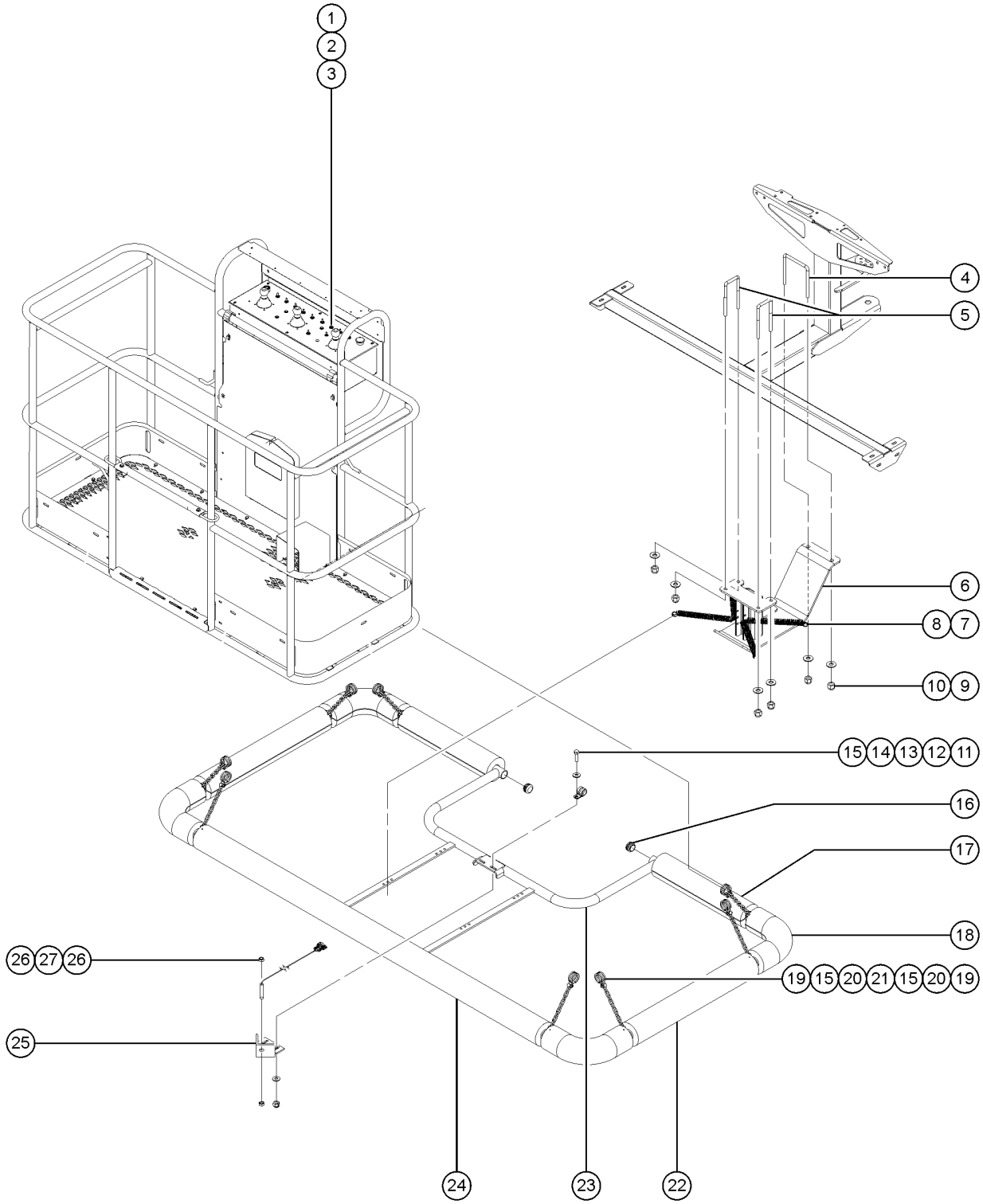
911.1 Aircraft Protection Package, Standard (from SN 37297 to 51049)



911.1 Aircraft Protection Package, Standard (from SN 37297 to 51049)

Item	Part No.	Description	Qty.
1	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM	1
1-	139882GT	HARN, AC PROTECTION BYPASS	1
2	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
3		Ref. DECAL,FUNCTION OVERRIDE (refer to 101.1)	1
4	106044GT	U-BOLT,3/8-16X4X4.63X3.00	1
5	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD	2
6	139904GT	WELDMENT, SKIDPLATE**	1
7	88384GT	SPRING, SS, 3/4-EO750-69-4500	4
8	88385GT	SPRING, SS, 1/2-EO500-49-4500	4
9	4828GT	NUT, NYLOCK, 3/8-16	
10	5397GT	WASHER, FLAT, USS, 5/16-18	
11	6888GT	SCREW, HHC, 1/4-20 X 1	
12	6638GT	WASHER, FLAT, USS, 1/4"Y	
13	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	6091GT	NUT,NYLOCK,1/4-20	
16	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
17	75617-1675GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
18	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG	4
19	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	16
20	6090GT	SCREW, HHC, 1/4-20 X .75	
21	56426-700GT	CHAIN,NO.2 (11 LINKS)	8
22	75617-2275GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
23	139181GT	WELDMENT,AIRCRAFT SENSOR BUMPR	1
24	75617-6475GT	PADDING,FOAM 3.5"OD X 1.50"ID use until exhausted	1
24B	75617-3238GT	PADDING, FOAM 3.0" OD X 1.50" ID	2
25	77797GT	WELDMENT, SENSOR MOUNT	1
26	88390GT	NUT,HEX,M8,PLASTIC	

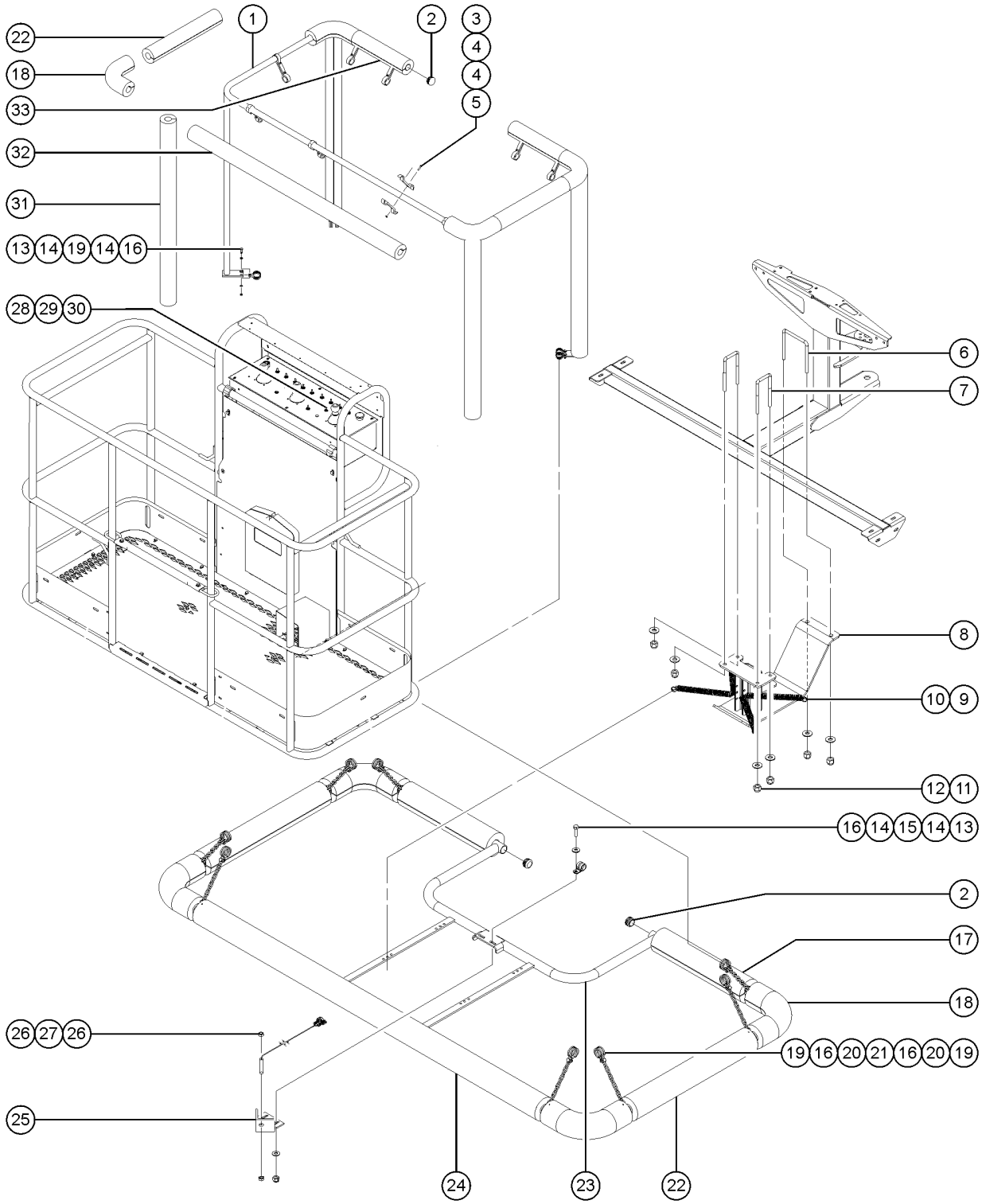
911.1 Aircraft Protection Package, Standard (from SN 37297 to 51049)



911.1 Aircraft Protection Package, Standard (from SN 37297 to 51049)

Item	*Part No.*	*Description*	*Qty.*
27	81532GT	HARNESS, PROX. KILL includes 27391 proximity sensor	1
27-	27391GT	PROXIMITY SENSOR***	

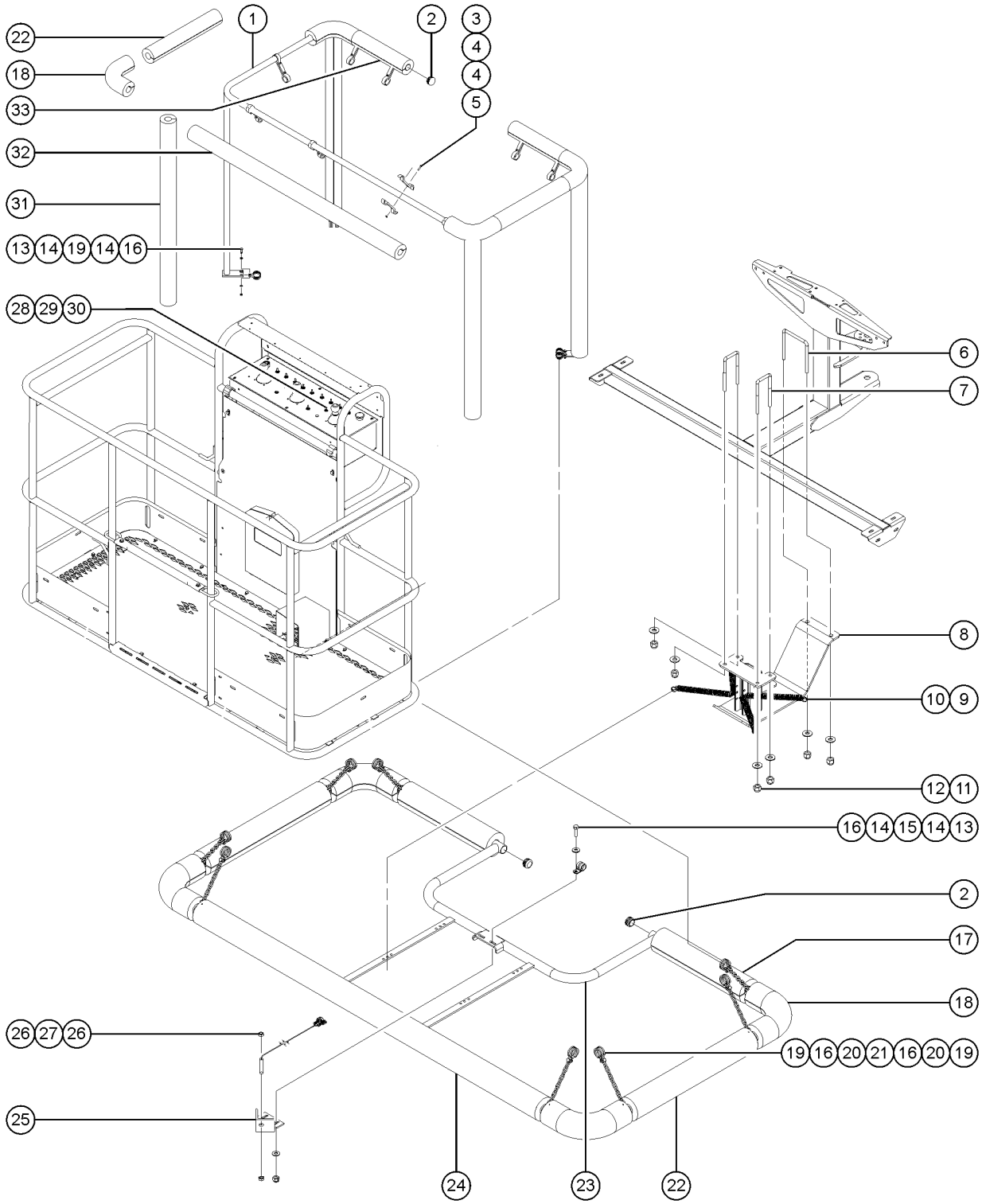
912.1 Aircraft Protection Package, Deluxe (from SN 37297 to 51049)



912.1 Aircraft Protection Package, Deluxe (from SN 37297 to 51049)

Item	Part No.	Description	Qty.
1	46188GT	WELDMENT, AIRCRAFT TOP BUMPER	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
3	122231GT	SCREW,BHSC,1/4-20 X 1	
4	122073GT	SUPPORT, RAILING	20
5	6889GT	NUT,LP NYLOCK,1/4-20	
6	106044GT	U-BOLT,3/8-16X4X4.63X3.00	1
7	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD	2
8	139904GT	WELDMENT, SKIDPLATE**	1
9	88384GT	SPRING, SS, 3/4-EO750-69-4500	4
10	88385GT	SPRING, SS, 1/2-EO500-49-4500	4
11	4828GT	NUT, NYLOCK, 3/8-16	
12	5397GT	WASHER, FLAT, USS, 5/16-18	
13	6888GT	SCREW, HHC, 1/4-20 X 1	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
16	6091GT	NUT,NYLOCK,1/4-20	
17	75617-1675GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
18	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG	8
19	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	16
20	6090GT	SCREW, HHC, 1/4-20 X .75	
21	56426-700GT	CHAIN,NO.2 (11 LINKS)	8
22	75617-2275GT	PADDING,FOAM 3.5"OD X 1.50"ID	4
23	139181GT	WELDMENT,AIRCRAFT SENSOR BUMPR	1
24	75617-6475GT	PADDING,FOAM 3.5"OD X 1.50"ID use until exhausted	1
24B	75617-3238GT	PADDING, FOAM 3.0" OD X 1.50" ID	2
25	77797GT	WELDMENT, SENSOR MOUNT	1
26	88390GT	NUT,HEX,M8,PLASTIC	
27	81532GT	HARNESS, PROX. KILL includes 27391 proximity sensor	1

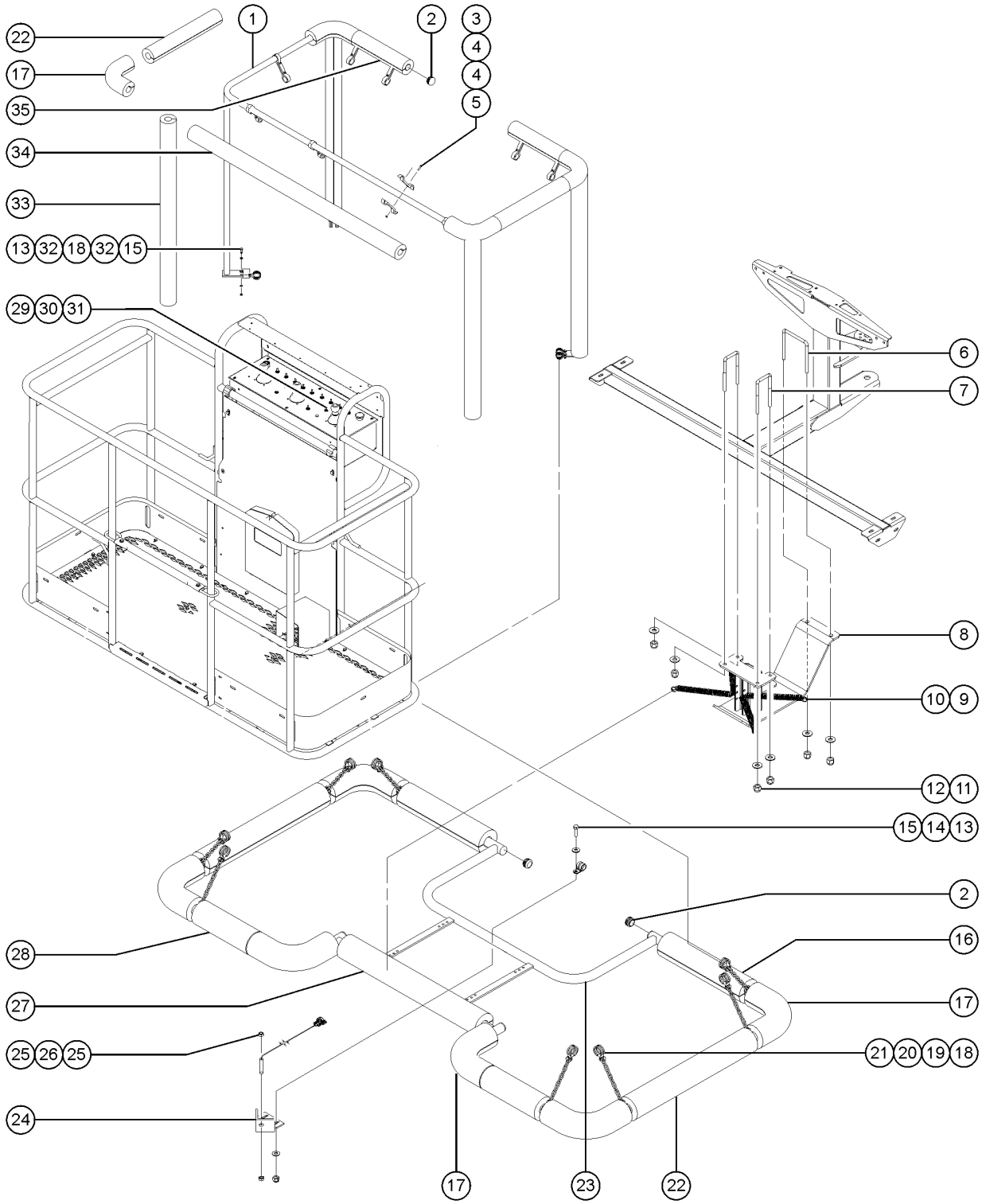
912.1 Aircraft Protection Package, Deluxe (from SN 37297 to 51049)



912.1 Aircraft Protection Package, Deluxe (from SN 37297 to 51049)

Item	*Part No.*	*Description*	*Qty.*
27-	27391GT	PROXIMITY SENSOR***	
28	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM	1
28-	139882GT	HARN, AC PROTECTION BYPASS	1
29	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
30		Ref. DECAL,FUNCTION OVERRIDE (refer to 101.1 or 103.1)	1
31	75617-4788GT	PADDING,FOAM 3.5"OD X 1.50"ID	4
32	75617-3138GT	PADDING, FOAM 3.0" OD X 1.50" ID	2
33	75617-1538GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

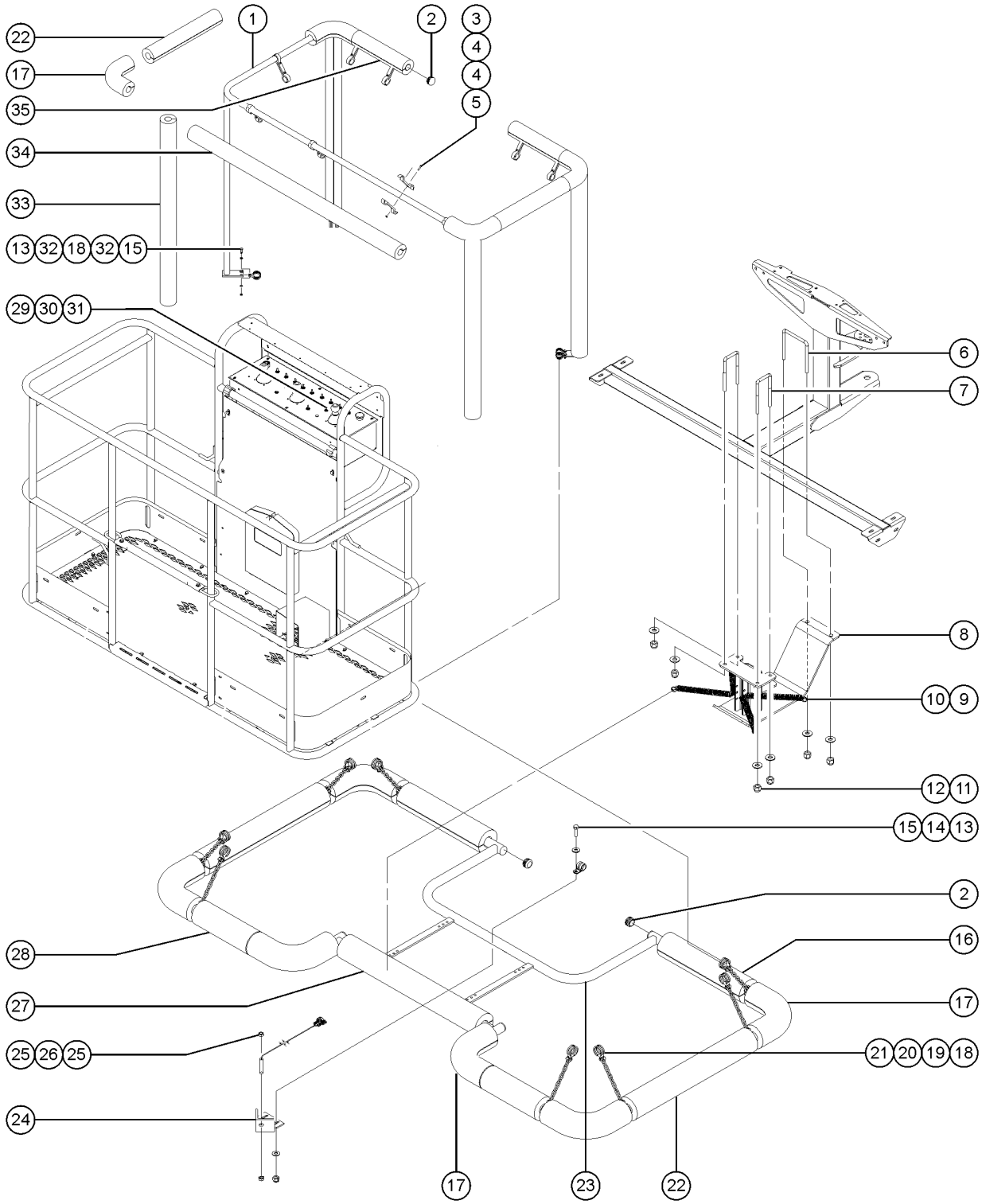
912.2 Aircraft Protection Package (from SN 51050)



912.2 Aircraft Protection Package (from SN 51050)

Item	Part No.	Description	Qty.
1	46188GT	WELDMENT, AIRCRAFT TOP BUMPER	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
3	122231GT	SCREW,BHSC,1/4-20 X 1	
4	122073GT	SUPPORT, RAILING	20
5	6889GT	NUT,LP NYLOCK,1/4-20	
6	106044GT	U-BOLT,3/8-16X4X4.63X3.00	
7	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD	2
8	822764GT	WDMT,SKID PLATE	
9	822769GT	SPRING,EXTENSION,1.92LB/IN	4
10	88385GT	SPRING, SS, 1/2-EO500-49-4500	
11	4828GT	NUT, NYLOCK, 3/8-16	
12	5397GT	WASHER, FLAT, USS, 5/16-18	
13	6888GT	SCREW, HHC, 1/4-20 X 1	
14	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
15	6091GT	NUT,NYLOCK,1/4-20	
16	75617-1550GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
17	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG	10
18	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	24
19	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
20	56426-700GT	CHAIN,NO.2 (11 LINKS)	8
21	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
22	75617-2275GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
23	822759GT	WDMT,AIRCRAFT SENSOR BUMPER	1
24	77797GT	WELDMENT, SENSOR MOUNT	1
25	88390GT	NUT,HEX,M8,PLASTIC	
26	1261292GT	HARNESS ASSY,PCON,PROX KILL includes 27391 proximity sensor	1
26-	27391GT	PROXIMITY SENSOR***	1
27	822768GT	FOAM,AIRCRAFT PROTECTION	

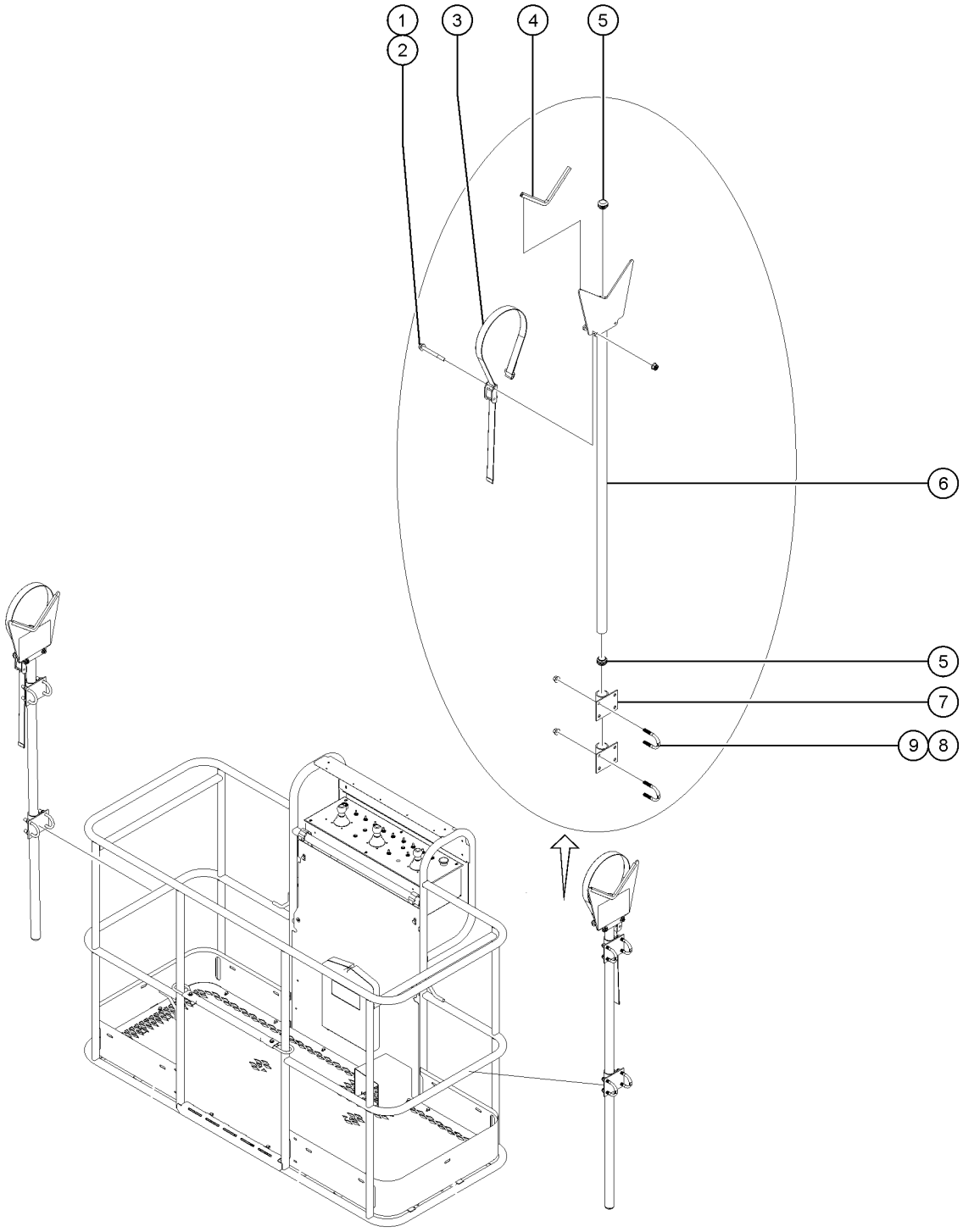
912.2 Aircraft Protection Package (from SN 51050)



912.2 Aircraft Protection Package (from SN 51050)

Item	*Part No.*	*Description*	*Qty.*
28	75617-1025GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
29	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM includes item 29	1
29-	139882GT	HARN, AC PROTECTION BYPASS	
30	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
31		Ref. DECAL,FUNCTION OVERRIDE (refer to 101.1 or 103.1)	
32	6638GT	WASHER, FLAT, USS, 1/4"Y	
33	75617-4788GT	PADDING,FOAM 3.5"OD X 1.50"ID	4
34	75617-3138GT	PADDING, FOAM 3.0" OD X 1.50" ID	2
35	75617-1538GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

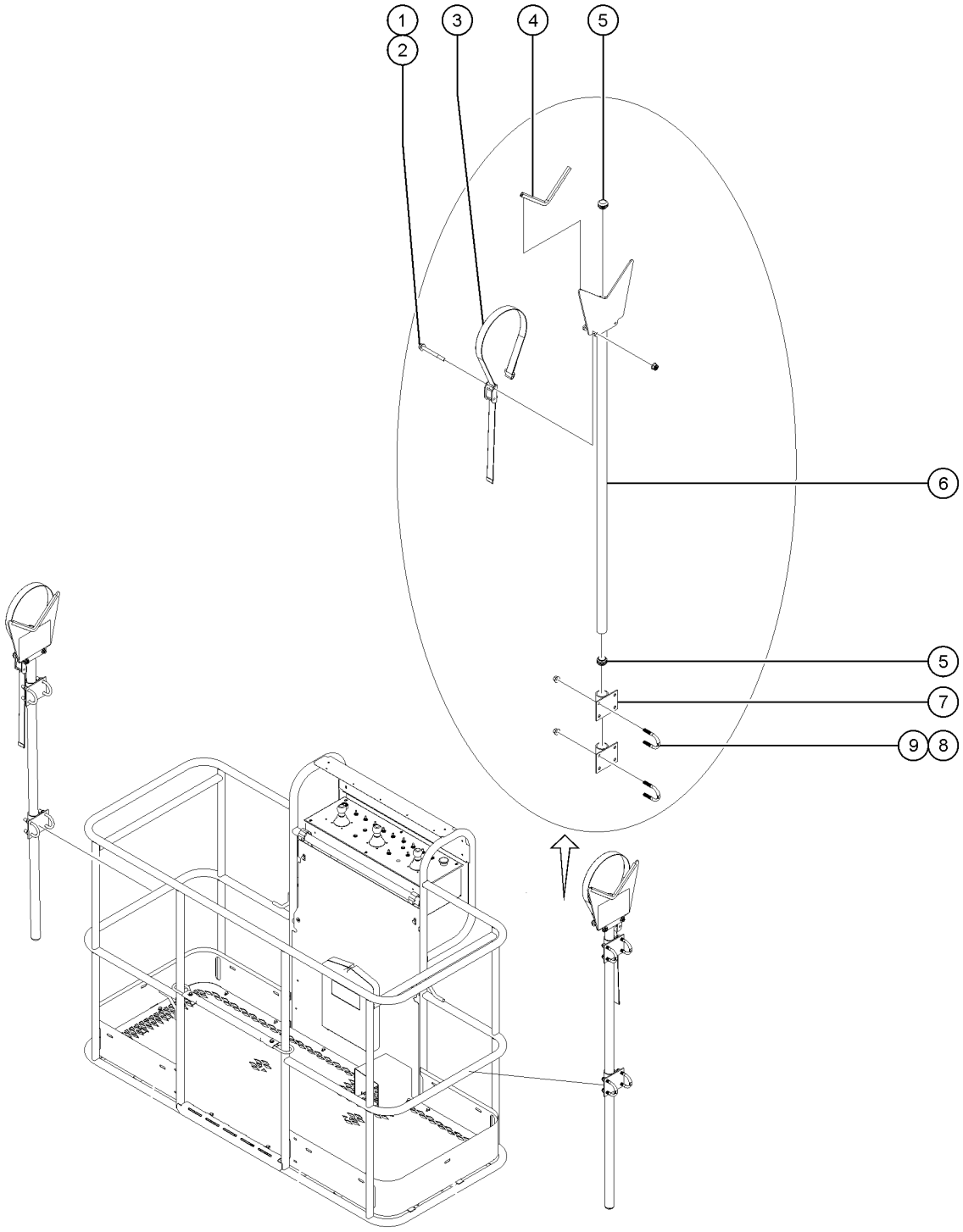
912.3 Aircraft Protection Package With Swing Gate (from SN Z4514A-51050)



912.3 Aircraft Protection Package With Swing Gate (from SN Z4514A-51050)

Item	Part No.	Description	Qty.
1	46188GT	WELDMENT, AIRCRAFT TOP BUMPER	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
3	122231GT	SCREW,BHSC,1/4-20 X 1	
4	122073GT	SUPPORT, RAILING	20
5	6889GT	NUT,LP NYLOCK,1/4-20	
6	1259328GT	PADDING, FOAM, 15.5"	4
7	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD	2
8	5397GT	WASHER, FLAT, USS, 5/16-18	
9	4828GT	NUT, NYLOCK, 3/8-16	
10	106044GT	U-BOLT,3/8-16X4X4.63X3.00	
11	822764GT	WDMT,SKID PLATE	
12	822769GT	SPRING,EXTENSION,1.92LB/IN	4
13	6888GT	SCREW, HHC, 1/4-20 X 1	
14	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
15	6091GT	NUT,NYLOCK,1/4-20	
16	75617-1550GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
17	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG	10
18	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	24
19	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
20	56426-700GT	CHAIN,NO.2 (11 LINKS)	8
21	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
22	75617-2275GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
23	822759GT	WDMT,AIRCRAFT SENSOR BUMPER	1
24	75617-1025GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
25	822768GT	FOAM,AIRCRAFT PROTECTION	1
26	77797GT	WELDMENT, SENSOR MOUNT	1
27	88390GT	NUT,HEX,M8,PLASTIC	
28	1261292GT	HARNESS ASSY,PCON,PROX KILL includes 27391 proximity sensor	1

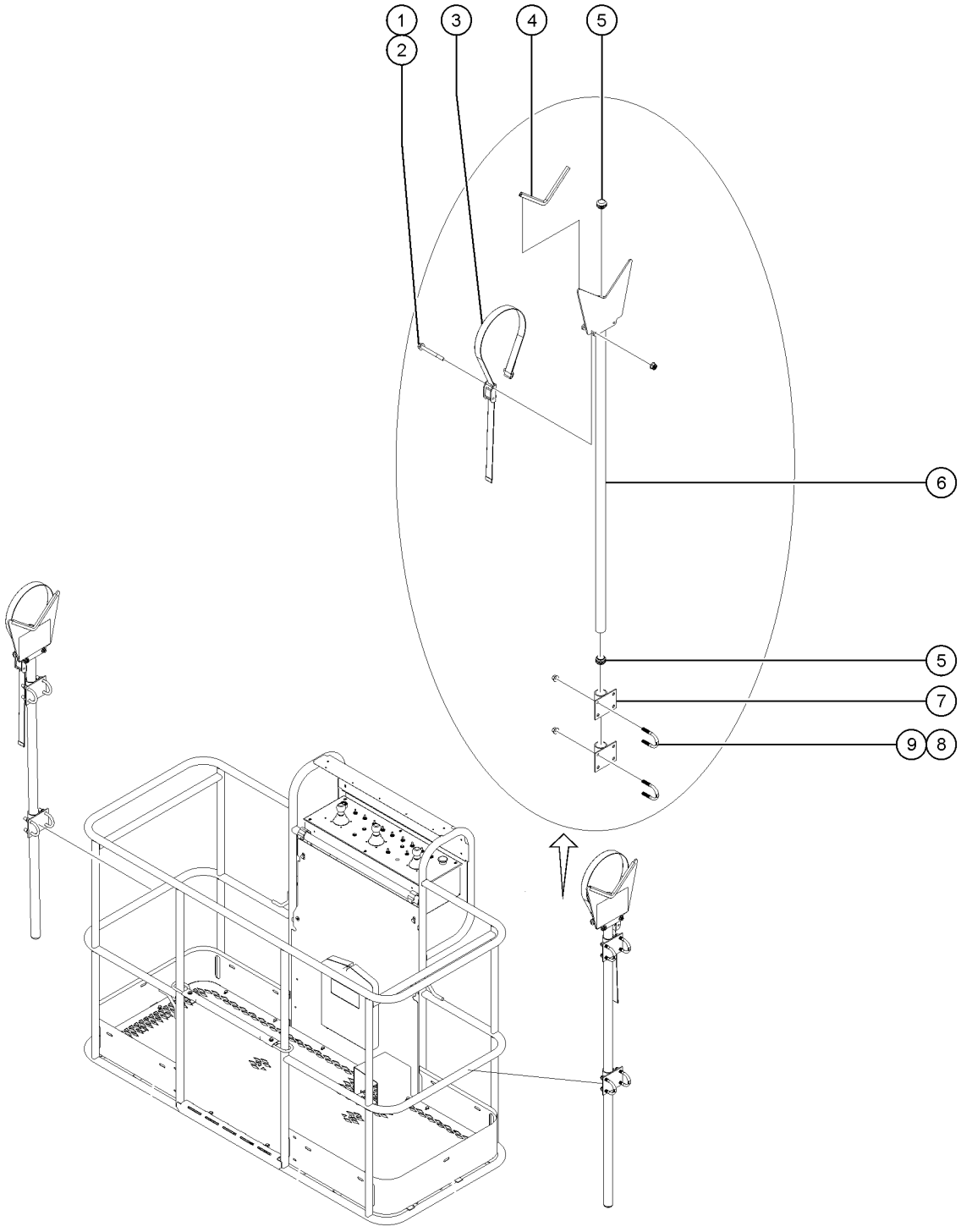
912.3 Aircraft Protection Package With Swing Gate (from SN Z4514A-51050)



912.3 Aircraft Protection Package With Swing Gate (from SN Z4514A-51050)

Item	*Part No.*	*Description*	*Qty.*
28-	27391GT	PROXIMITY SENSOR***	1
29	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM includes item 29	1
29-	139882GT	HARN, AC PROTECTION BYPASS	
30	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
31		Ref. DECAL,FUNCTION OVERRIDE (refer to 101.1 or 103.1)	
32	6638GT	WASHER, FLAT, USS, 1/4"Y	
33	1259329GT	PADDING, FOAM, 46.5"	4
34	75617-2075GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

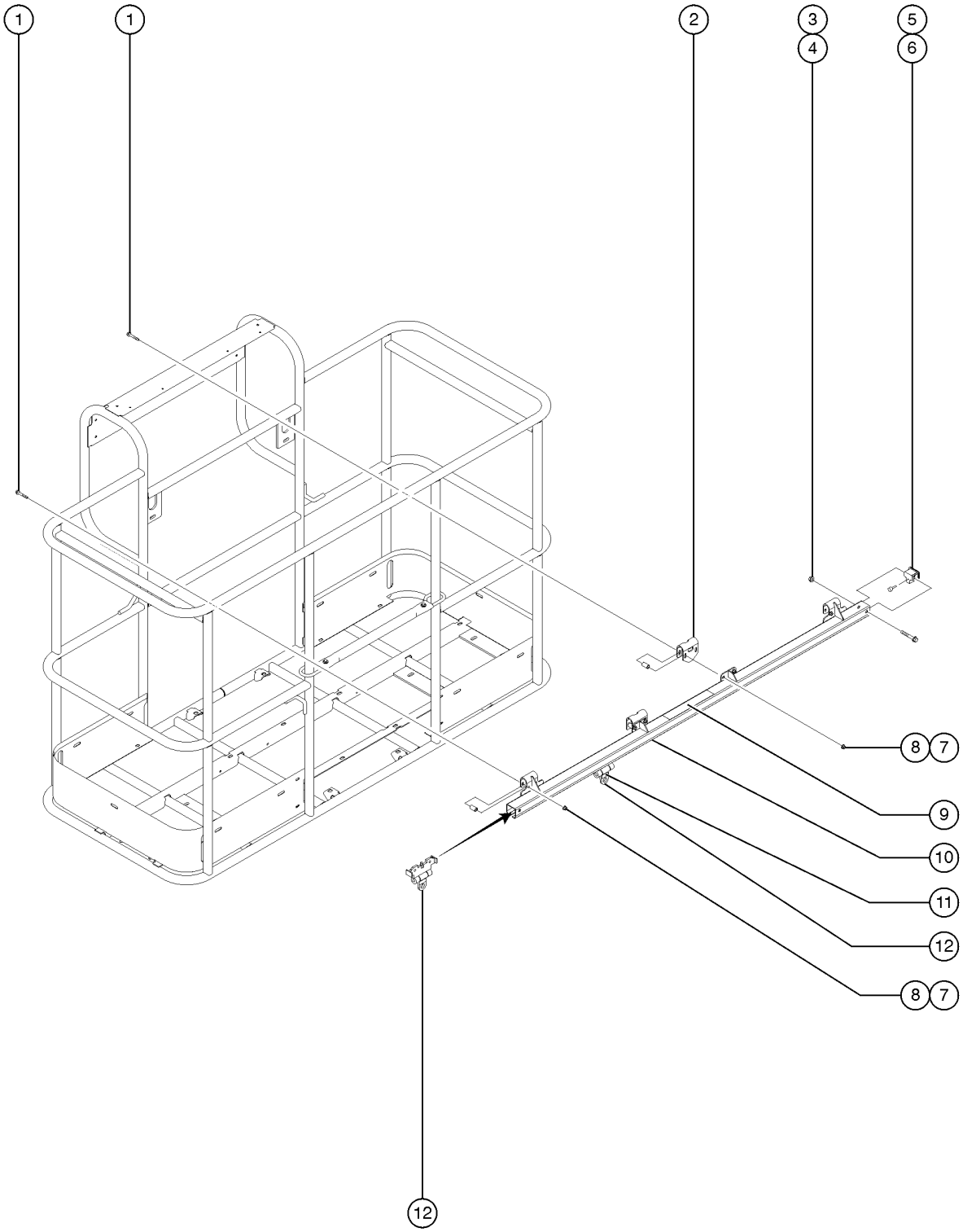
913.1 Pipe Cradle Accessory



913.1 Pipe Cradle Accessory

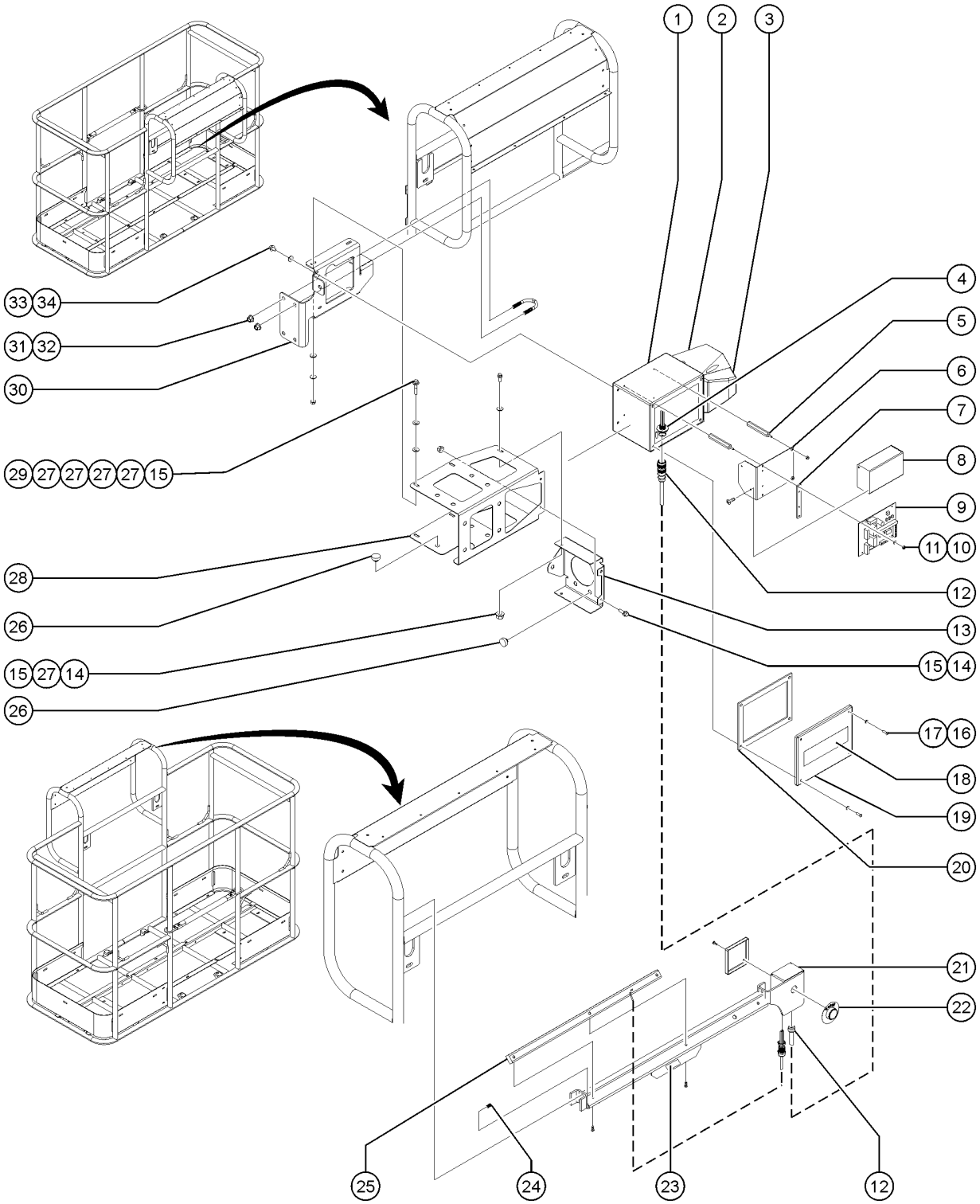
Item	Part No.	Description	Qty.
A	85300GT	PIPE CRADLE ASSY. SERV (ONE)** (ANSI & CE only) (This is a single assembly. Qty 2 of 85300GT required to complete a set)	
A-	65630GT	INSTRUCTIONS-PIPE CRADLE,BOOMS	
1	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
2	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
3	56570GT	STRAP, CONDUIT HOLDER 60"***	2
4	19018-1100GT	TRIMLOCK,BLACK,5/32"	2
5	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
6	56525GT	WELDMENT, PIPE CRADLE	2
7	81368GT	WELDMENT,PIPE CRADLE MOUNT	4
8	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	8
9	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	16

914.1 Fall Arrest Bar



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
9A	1256400GT	DECAL,TFAAS TRACK,WORD	1
9B	1260910GT	DECAL,TFAAS TRACK,SYMBOL	1
9C	1256400FRGT	DECAL,TFAAS TRACK,WORD FR	1
10A	1256378GT	ACC,TFAAS FALL ARREST,6FT WORD includes instructions and decals	1
10A-	1256380GT	ASSY,TFAAS TRACK,6FT WORD includes decals	
10B	1261023GT	ACC,TFAAS FALL ARREST,6FT SYM includes instructions and decals	1
10B-	1261025GT	ASSY,TFAAS TRACK,6FT SYM includes decals	
10C	1261019GT	ACC,TFAAS FALL ARREST,6FT FR includes instructions and decals	1
10C-	1261021GT	ASSY,TFAAS TRACK,6FT FR includes decals	
11	40434GT	DECAL,LANYARD ANCHORAGE POINT	1
12	1256439GT	TROLLEY, TFAAS TRACK	1

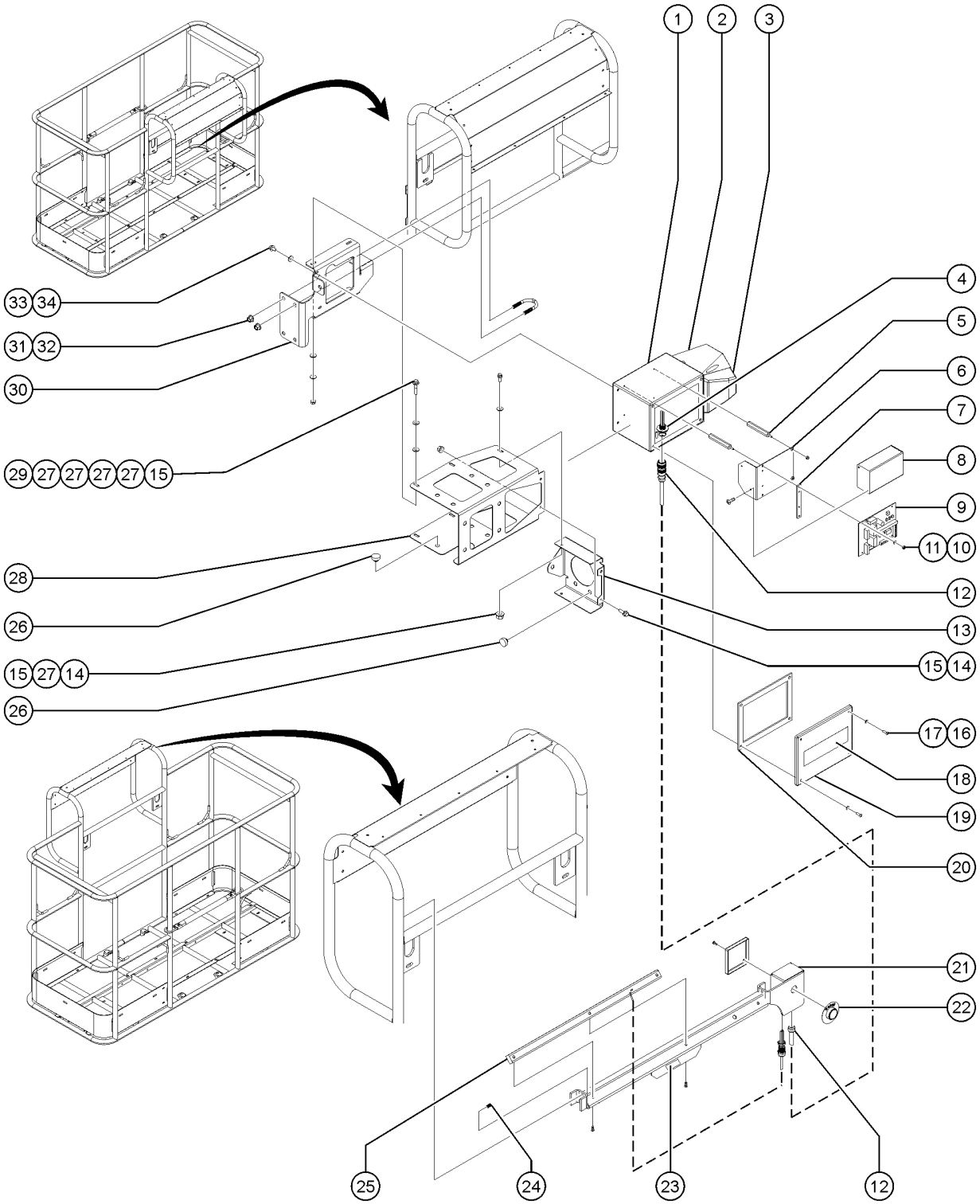
915.1 Operators Protection Alarm (to January 2017)



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

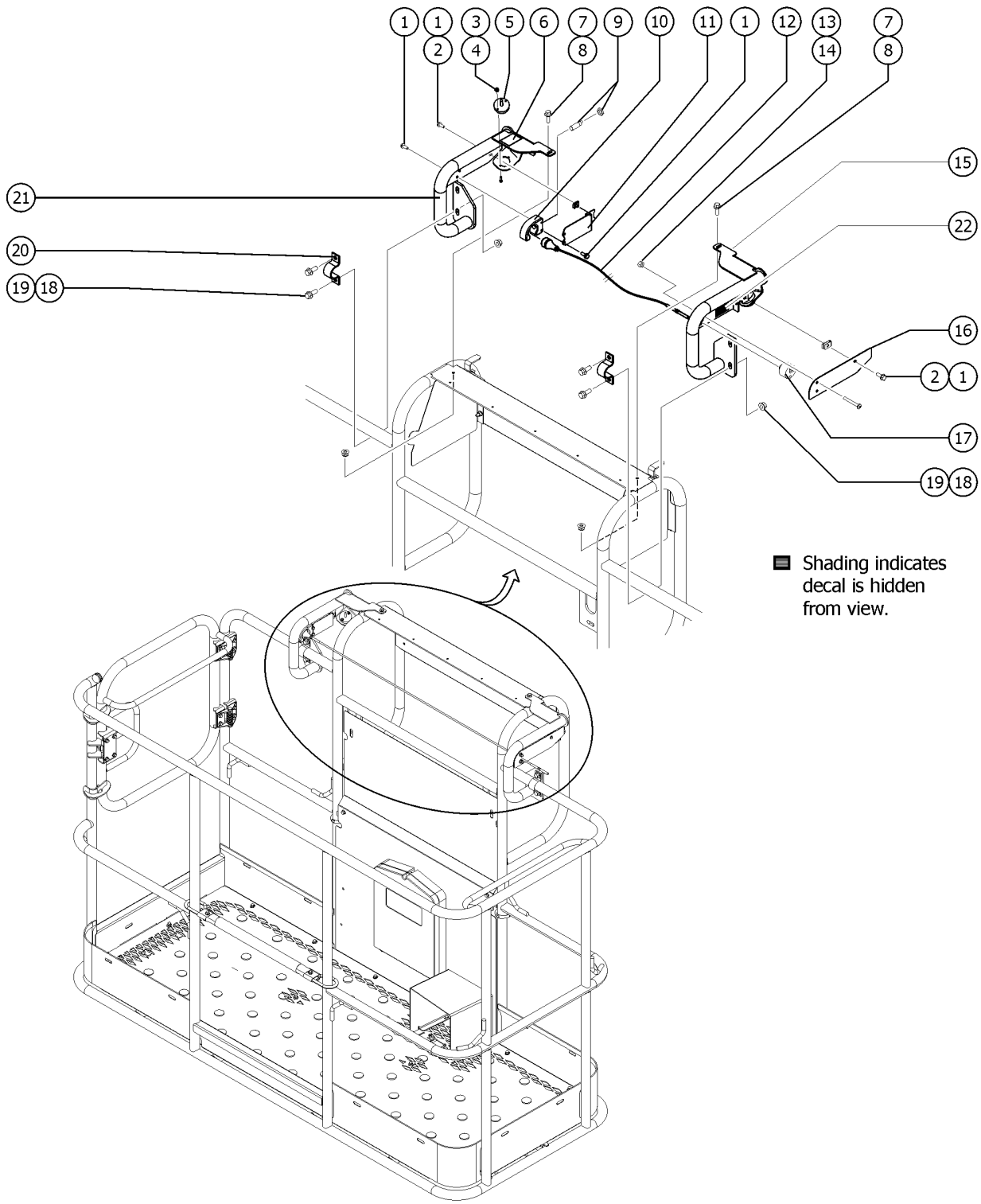
915.1 Operators Protection Alarm (to January 2017)



915.1 Operators Protection Alarm (to January 2017)

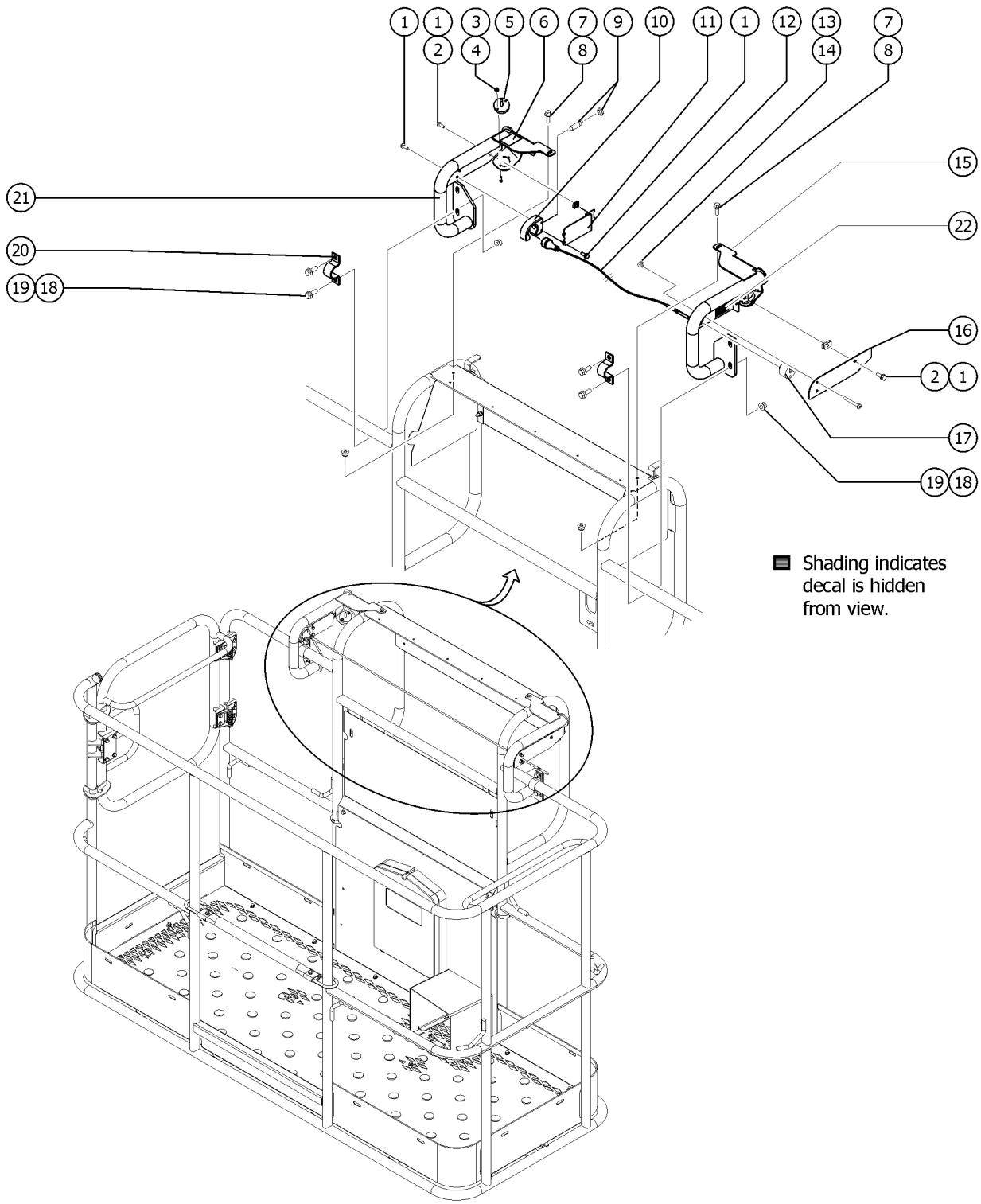
Item	*Part No.*	*Description*	*Qty.*
27	824113GT	WASHER,FLAT,USS,1/4,ZAG	19
28	1275538GT	FORMING, OPA CAGE	1
29	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	4
30	1275540GT	FORMING, OPA, BRACKET	1
31	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	4
32	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
33	237238GT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

915.2 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

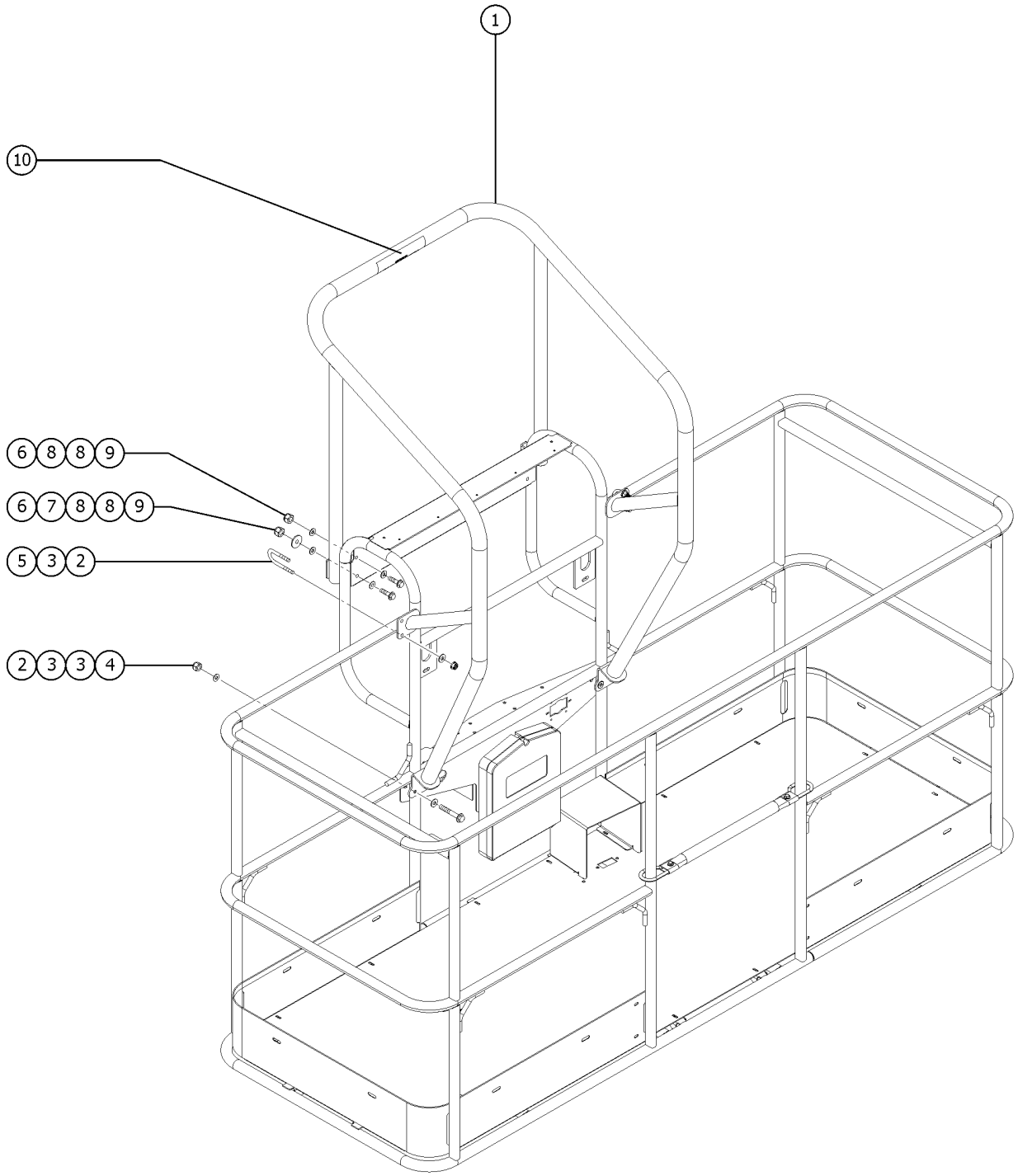
915.2 Lift Guard Contact Alarm (from January 2017)



915.2 Lift Guard Contact Alarm (from January 2017)

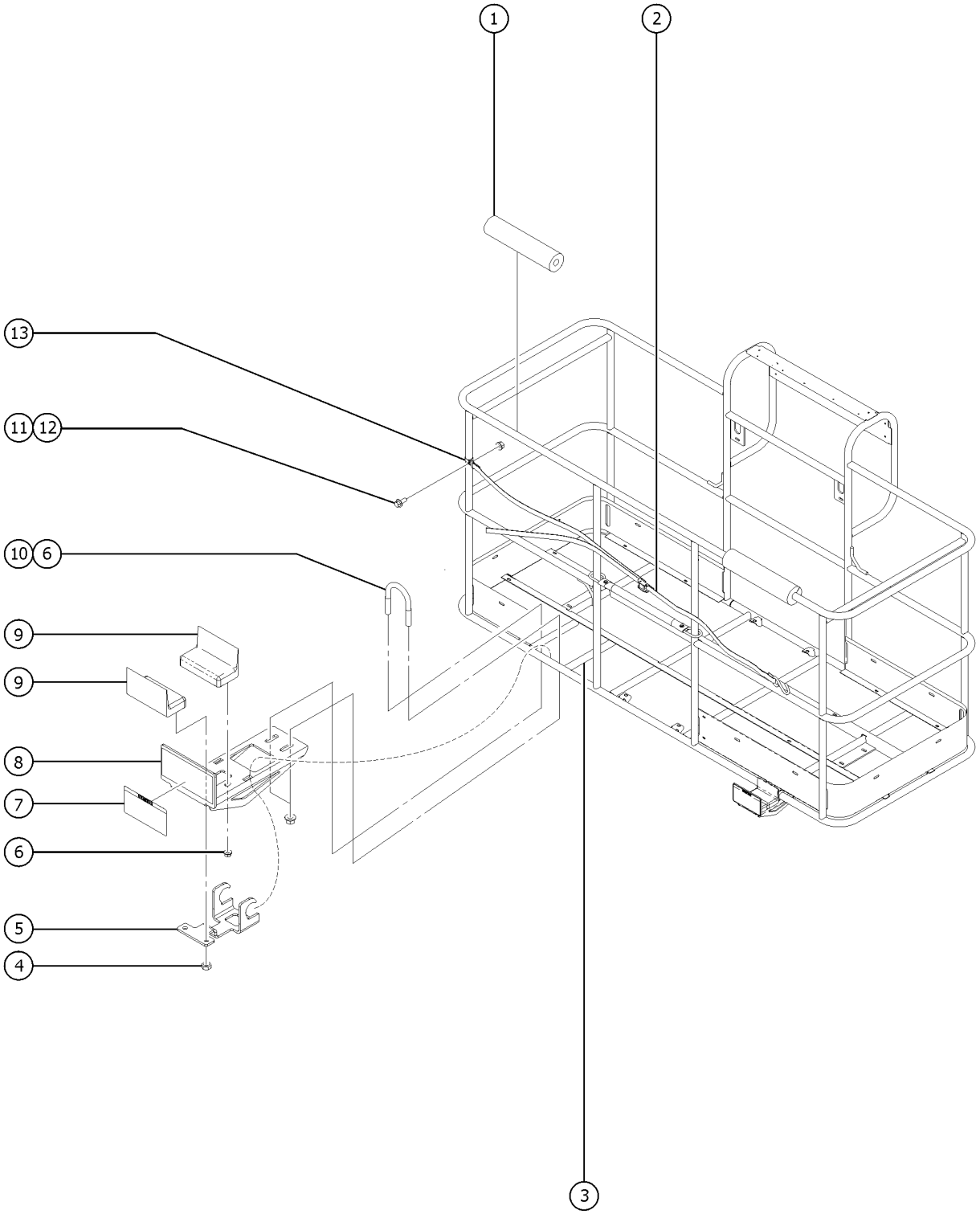
Item	*Part No.*	*Description*	*Qty.*
18	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
19	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
20	1278363GT	CLAMP, 1.25 INCH TUBE	2
21	1278144GT	WELDMENT, LEFT CONTACT ALARM, LARGE	1
22	1278982GT	DECAL, INSTRUCTION, ACTUATOR SWITCH SOCKET	1

916.1 Operator Protective Structure



Item	Part No.	Description	Qty.
		Fits all 6' and 8' Booms	
1	219158GT	ACCESSORY,OPERATOR PROT STRUCT (Complete) includes all fasteners	1
2	1256468GT	NUT,3/8-16,8,ZAG	8
3	1255758GT	WASHER,FLAT,3/8,USS,ZAG	12
4	824069GT	SCREW, HHC, 3/8-16 X 2.5, 8, ZAG	4
5	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	4
6	1261184GT	NUT,1/4-20,8,ZAG	4
7	824120GT	WASHER, FLAT, .375 X 1.50 X .125, ZAG Use only with the platform control box cover option	2
8	824113GT	WASHER,FLAT,USS,1/4,ZAG	6
9	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	4
10		Ref. DECAL, INSTRUCTION, OPS Refer to Section 100	1

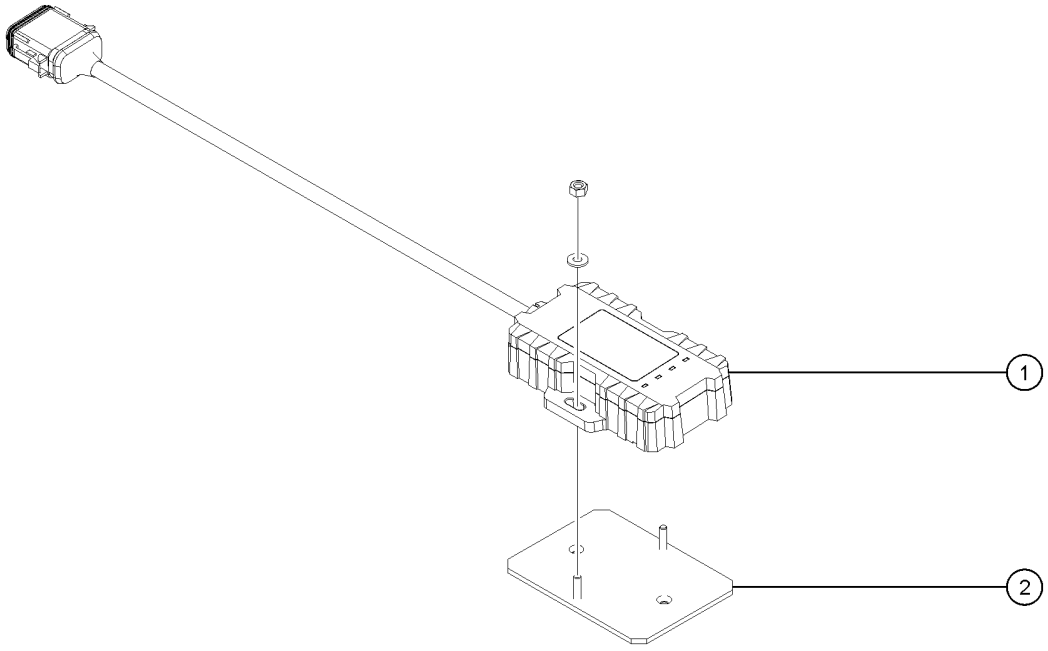
917.1 Panel Cradle Option



917.1 Panel Cradle Option

Item	Part No.	Description	Qty.
A-	77683GT	ACCESSORY,PANEL CRADLE,ANSI (ANSI/CSA models)	
1	88377-1400GT	FOAM PAD***	2
2	77664GT	ADJUSTABLE STRAP ASSY	1
3	73463-1175GT	TUBE, RD, ALUM, 1.25 X .083 X 11.75	2
4	824038GT	NUT, TL JAM, 3/8-16, A, ZAG	4
5	228849GT	FORMING,SECONDARY SUPPORT	2
6	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
7A	82410GT	DECAL,WARNING,PANEL CRADLE (ANSI/CSA models)	2
8	228848GT	FORMING PANEL CRADLE	2
9	56934GT	PAD,REST,1"THICK,FLANGED	4
10	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
11	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	1
12	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	1
13	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	1

918.1 Telematics Option (from SN Z452515A-53271, SN Z452515B-4735 & SN Z452515D-327)



918.1 Telematics Option (from SN Z452515A-53271, SN Z452515B-4735 & SN Z452515D-327)

Item	*Part No.*	*Description*	*Qty.*
-	1292198GT	HARNESS, RETROFIT, M7 . . for units after SN Z452515A-53271, SN Z452515B-4735, SN Z452515D-327 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.

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