



A TEREX BRAND

Parts Manual

Serial Number Range

Z-30/20 N
Z-30/20 N RJ

from SN Z30N15D-101 to

Z30N16D-199

from SN Z30ND-200

Part No. 1285596GT
Rev: A14
October 2023

Technical Publications

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

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

Contact Us:

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

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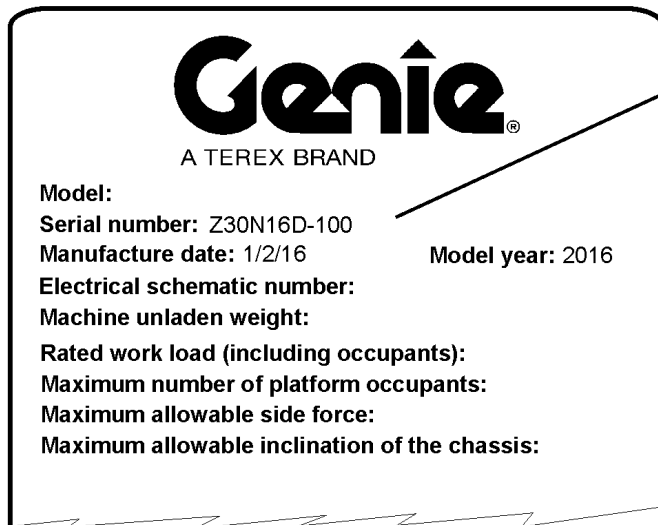
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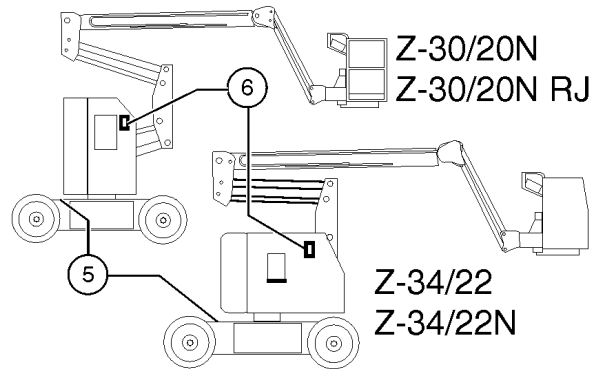
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To August 31, 2016



Z30N 16 D - 100

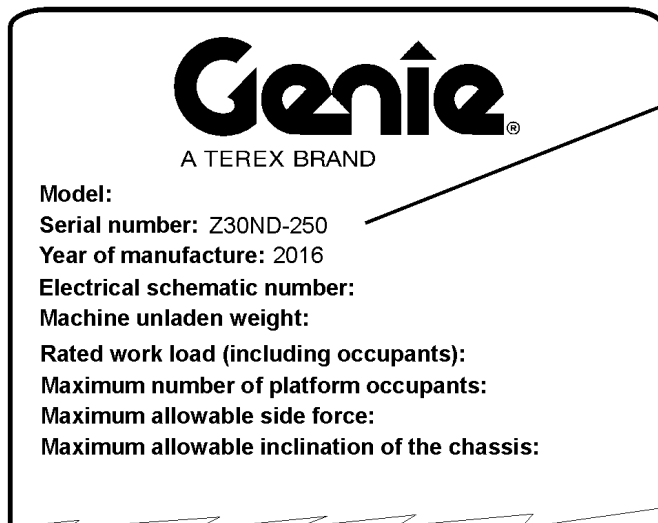
1 2 3 4



- 1 Model
- 2 Model year
- 3 Facility code

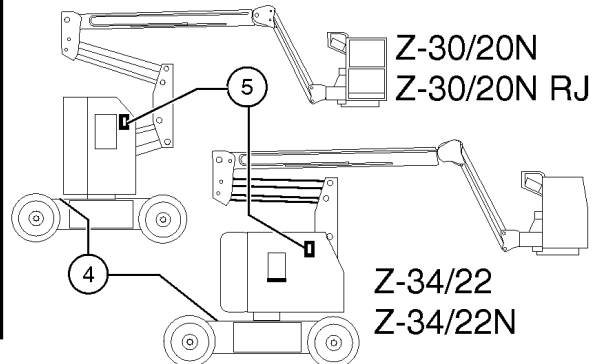
- 4 Sequence number
- 5 Serial number (stamped on chassis)
- 6 Serial label (located under cover)

From September 1, 2016



Z30N D - 250

1 2 3



- 1 Model
- 2 Facility code
- 3 Sequence number

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

How to Order Parts

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

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

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

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

Machine Information

Model _____

Serial Number _____

Date of Purchase _____

Authorized Genie Distributor _____

Phone Number _____

North America

Telephone (425)881-1800

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

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

<http://genielift.com/en>

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

<http://genielift.co.uk>

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

<http://genielift.com.sg/>

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

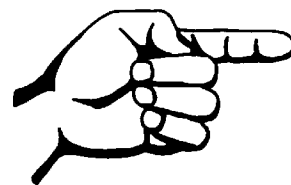
<http://genielift.com.au>

South America

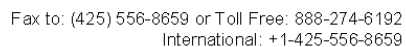
Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

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



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

Optional Equipment _____

[illegible]

☐ Ship complete order only - No back orders

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

☐ Other (please specify)

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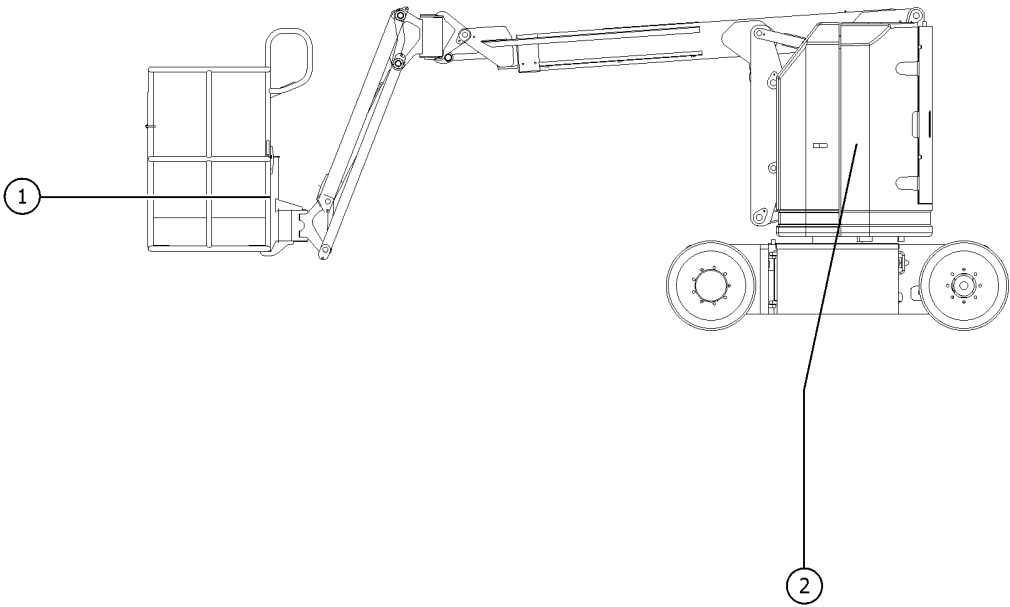
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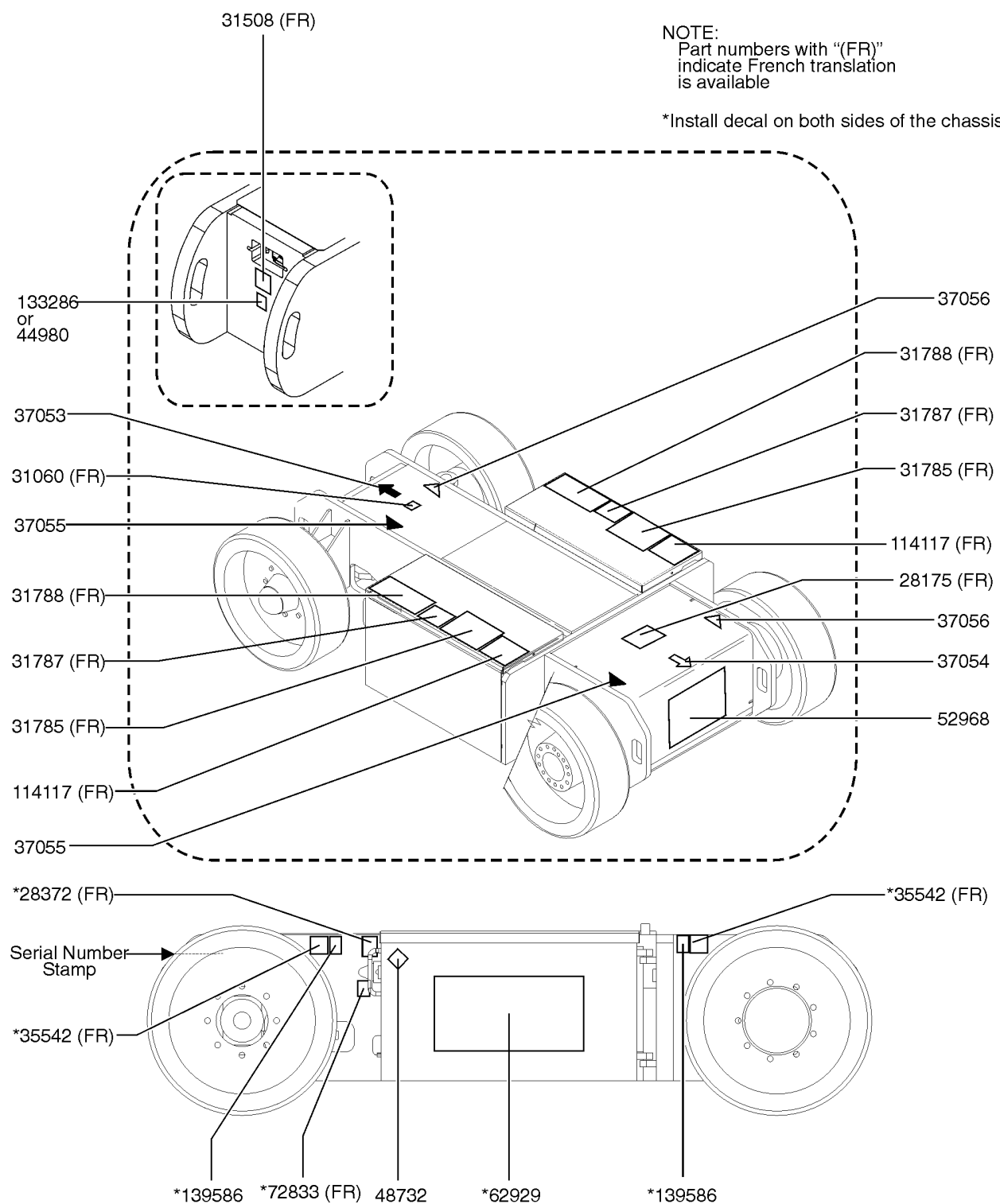


001.1 Parts Stocking List



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-	44788GT	FILTER ELEMENT-10MICRON, PAPER*	

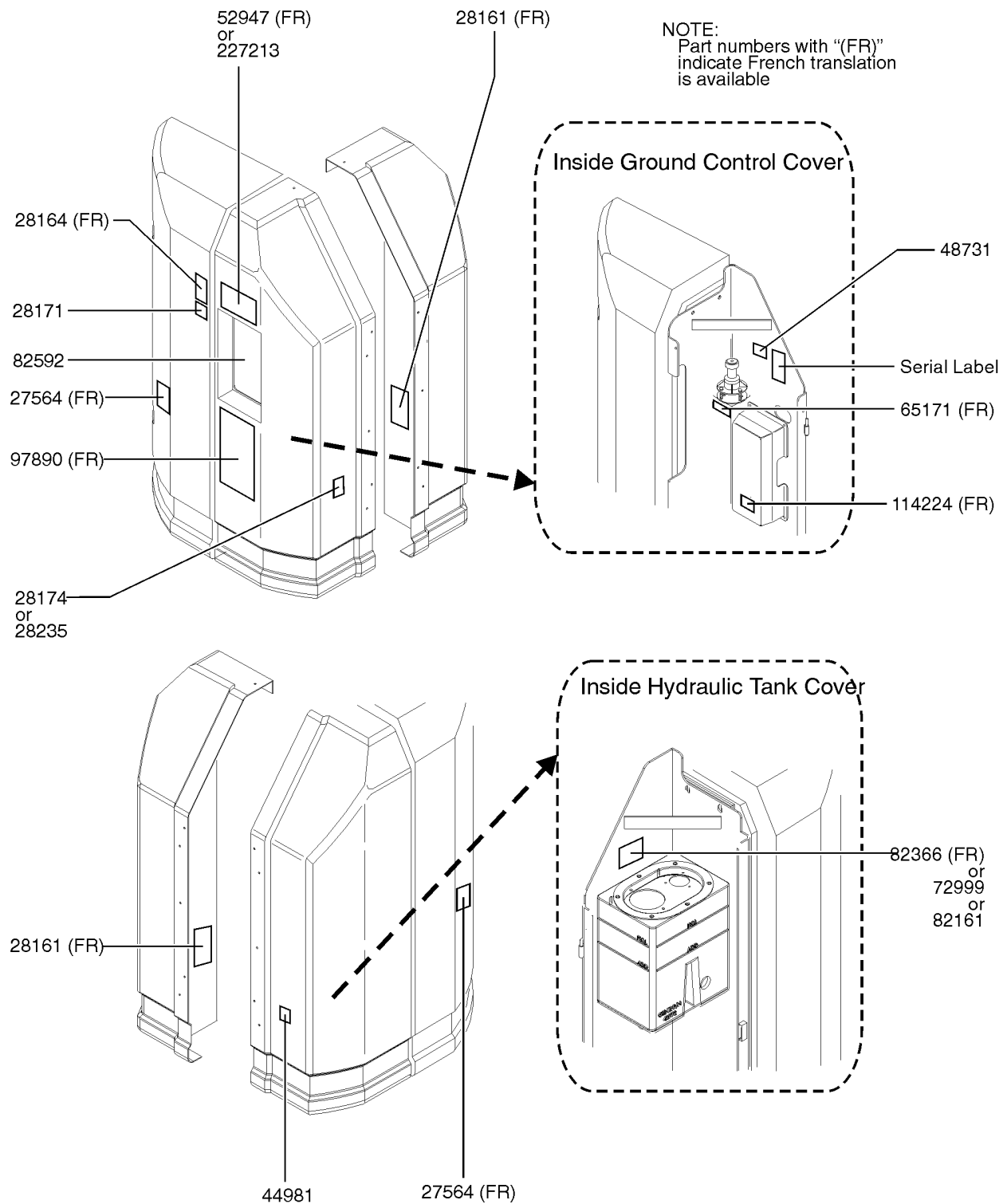
101.1 Decals with Word, Chassis/Battery Box (ANSI & Australia)



101.1 Decals with Word, Chassis/Battery Box (ANSI & Australia)

Item	Part No.	Description	Qty.
1	28175GT	DECAL,WARNING-COMPART ACCESS	1
2	28372GT	DECAL,NOTICE,BATTERY CABLES	2
3	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
4	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
5	31785GT	DECAL,NOTICE,CHARGER INSTRUC	2
6	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2
7	31788GT	DECAL,DANGER,BATTERY SAFETY***	2
8	35542GT	DECAL,NOTICE,LUG NUT TORQUE***	4
9	37053GT	DECAL,ARROW,BLUE	1
10	37054GT	DECAL,ARROW,YELLOW SM 5-3/8"	1
11	37055GT	DECAL,TRIANGLE,BLUE	2
12	37056GT	DECAL,TRIANGLE,YELLOW	2
13	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK option, EE	1
15	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
16	62929GT	DECAL,COSM,GENIE Z-30/20N(BOX)	2
17	72833GT	DECAL,LABEL,OPEN,LATCH	2
18	114117GT	DECAL,BATT CONN DIAGRAM	2
19	133286GT	DECAL, POWER TO CHARGER, UNIV	1
20	139586GT	DECAL,LABEL,WHEEL LOAD Z30N&RJ	4

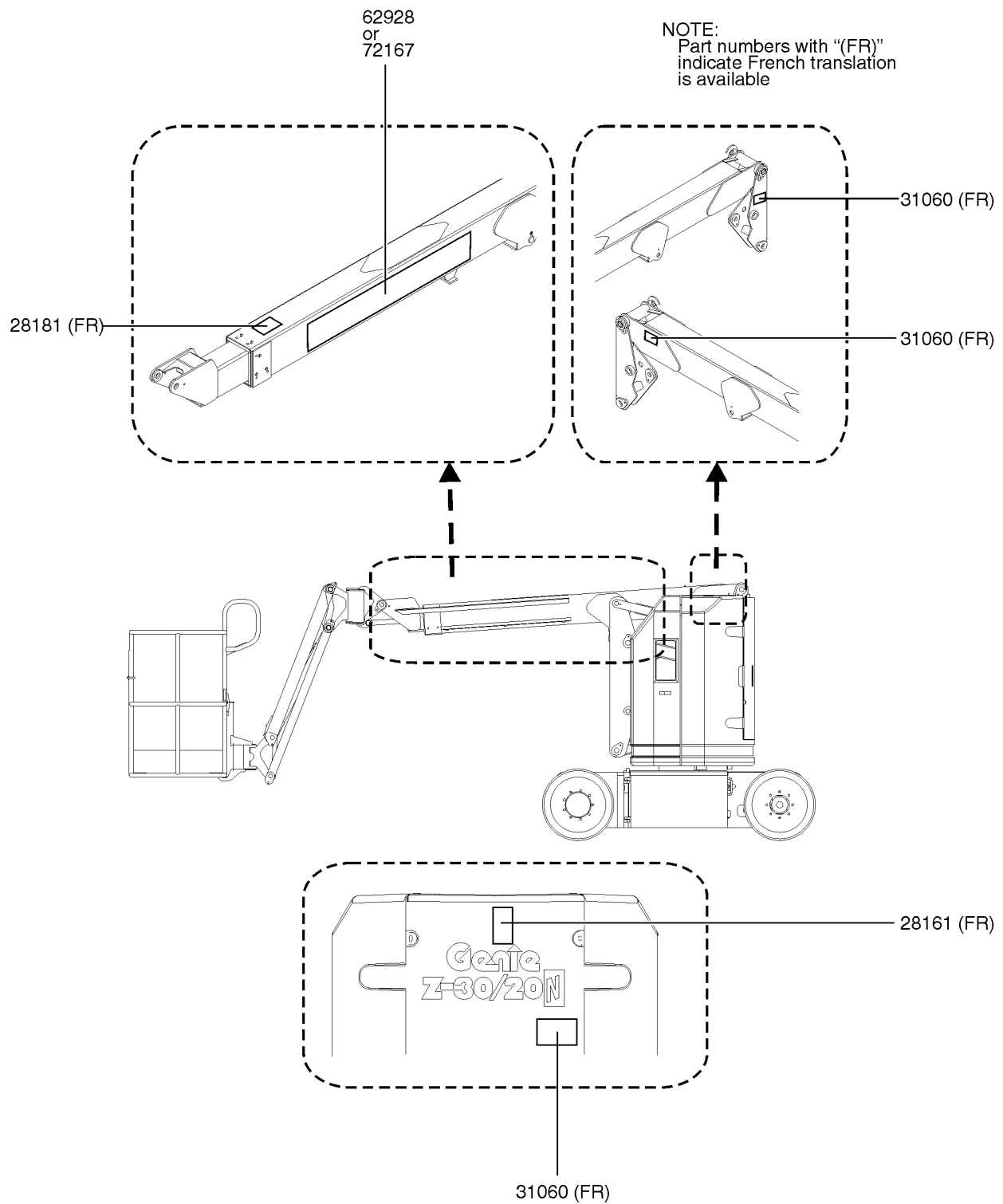
102.1 Decals with Word, Turntable Covers (ANSI & Australia)



102.1 Decals with Word, Turntable Covers (ANSI & Australia)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
2	28161GT	DECAL,WARN,CRUSH HAZARD HAND	2
3	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
4	28171GT	DECAL,DANGER,NO SMOKING ***	1
5	28174GT	DECAL, POWER TO PLATFORM 230V**	1
6	28235GT	DECAL, POWER TO PLATFORM 115V**	1
7	44981GT	DECAL LABEL AIRLINE 110PSI	1
		option, air line to platform	
9	52947GT	DECAL,OPERATING INSTR,GROUND	1
		ANSI	
10	65171GT	DECAL,LABEL,CB & STATUS LIGHT	1
11	72999GT	DECAL,LABEL,PETRO CANADA***	1
		option, hydraulic oil	
12	82161GT	DECAL,LABEL,UCON HYDROLUBE	1
		option, hydraulic oil	
13	82366GT	DECAL,CHEVRON RANDO HD	1
		option, hydraulic oil	
14	82592GT	DECAL,GROUND CONTROL PANEL ***	1
15	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
16	114224GT	DECAL,LABEL,RELAYS,Z30N,Z34NDC	1
17	227213GT	DECAL,OPER INST,DC BOOM GND AU	1
		AUS	

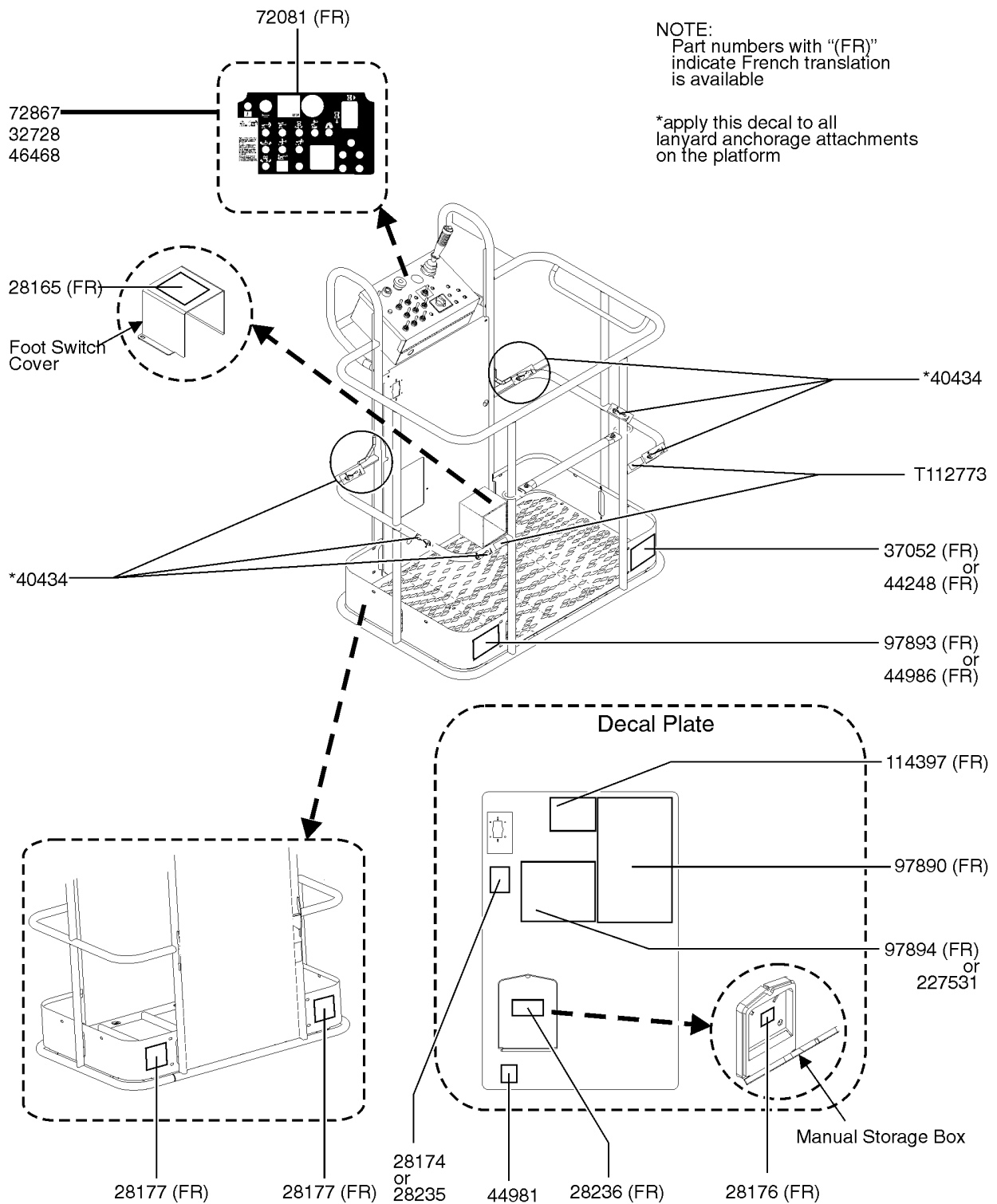
103.1 Decals with Word, Boom (ANSI & Australia)



103.1 Decals with Word, Boom (ANSI & Australia)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	28161GT	DECAL,WARN,CRUSH HAZARD HAND	1
2	28181GT	DECAL,WARN,FALL HAZARD	1
3	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3
4	62928GT	DECAL,COSMETIC,GENIE Z-30/20N	1
5	72167GT	DECAL,COSMETIC,GENIE Z30/20NRJ	1

104.1 Decals with Word, Platform (ANSI & Australia)

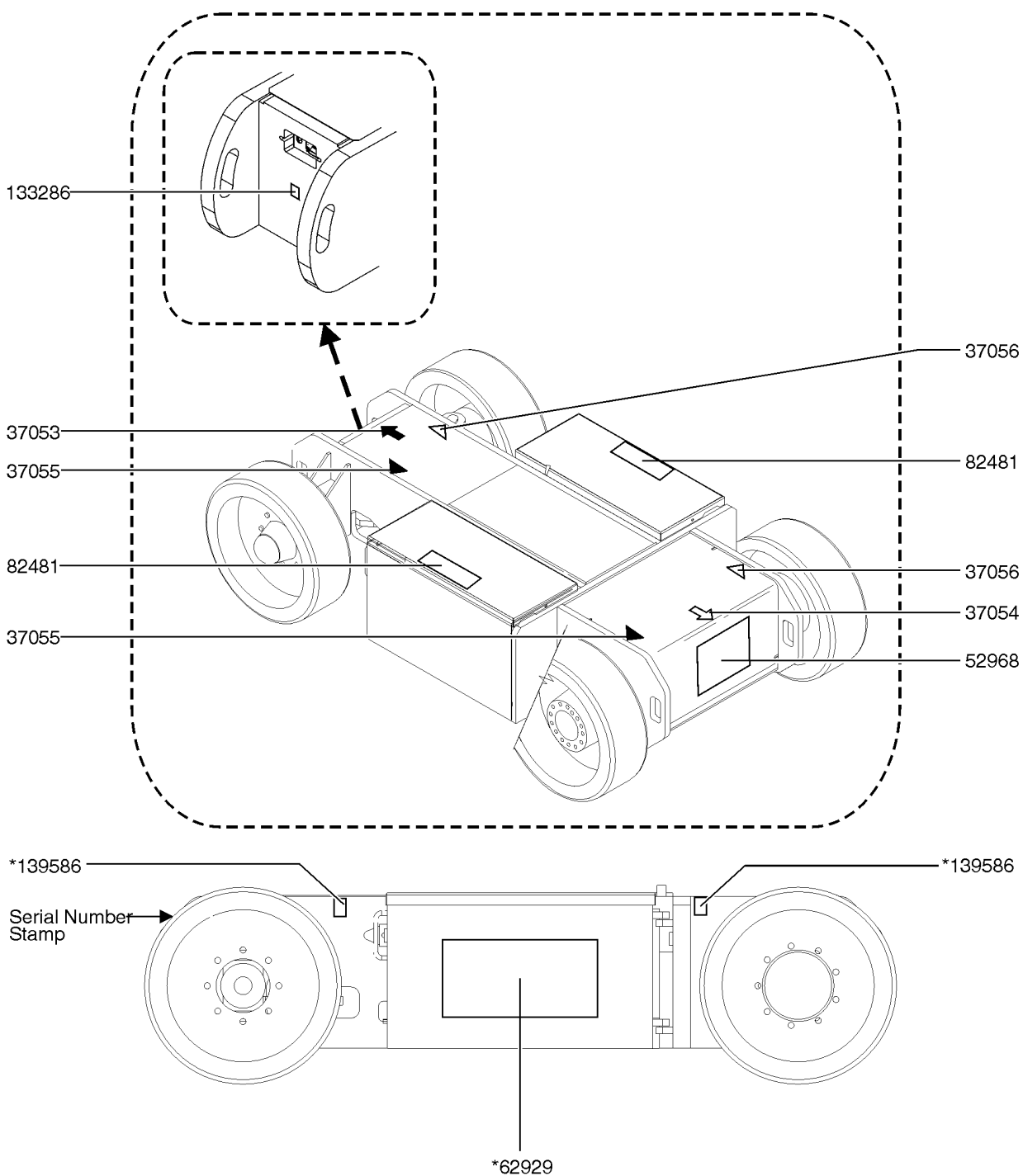


104.1 Decals with Word, Platform (ANSI & Australia)

Item	Part No.	Description	Qty.
1	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
2	28174GT	DECAL, POWER TO PLATFORM 230V**	1
3	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
4	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
5	28235GT	DECAL, POWER TO PLATFORM 115V**	1
6	28236GT	DECAL,WARN,IMPROPER OPERATION	1
7	32728GT	DECAL,OPTION GENERATOR*** option, inverter	1
8	37052GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
9	40434GT	DECAL,LANYARD ANCHORAGE POINT	6
10	44248GT	DECAL,NOTICE,MAX CAP 440 LBS option, aircraft protection	1
11	44981GT	DECAL LABEL AIRLINE 110PSI option, airline to platform	1
12	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS AUS	1
13	46468GT	DECAL,FUNCTION OVERRIDE option, aircraft protection	1
14	72081GT	DECAL,PLATFORM CONTROL PANEL**	1
15	72867GT	DECAL,LABEL,LIGHTS*** option, work lights	1
16	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
17	97893GT	DECAL,NOTICE,SIDE FRC/WINDANSI ANSI	1
18	97894GT	DECAL,NOTICE,OPER INST PLAT,DC ANSI	1
19	114397GT	DECAL,DANGER,TILT ALARM	1
20	227531GT	DECAL, OPERATING INSTRUCTIONS AUS	1
21	T112773GT	TAPE, PROTECTIVE MASK	2

105.1 Decals with Symbol, Chassis/Battery Box (ANSI & CE)

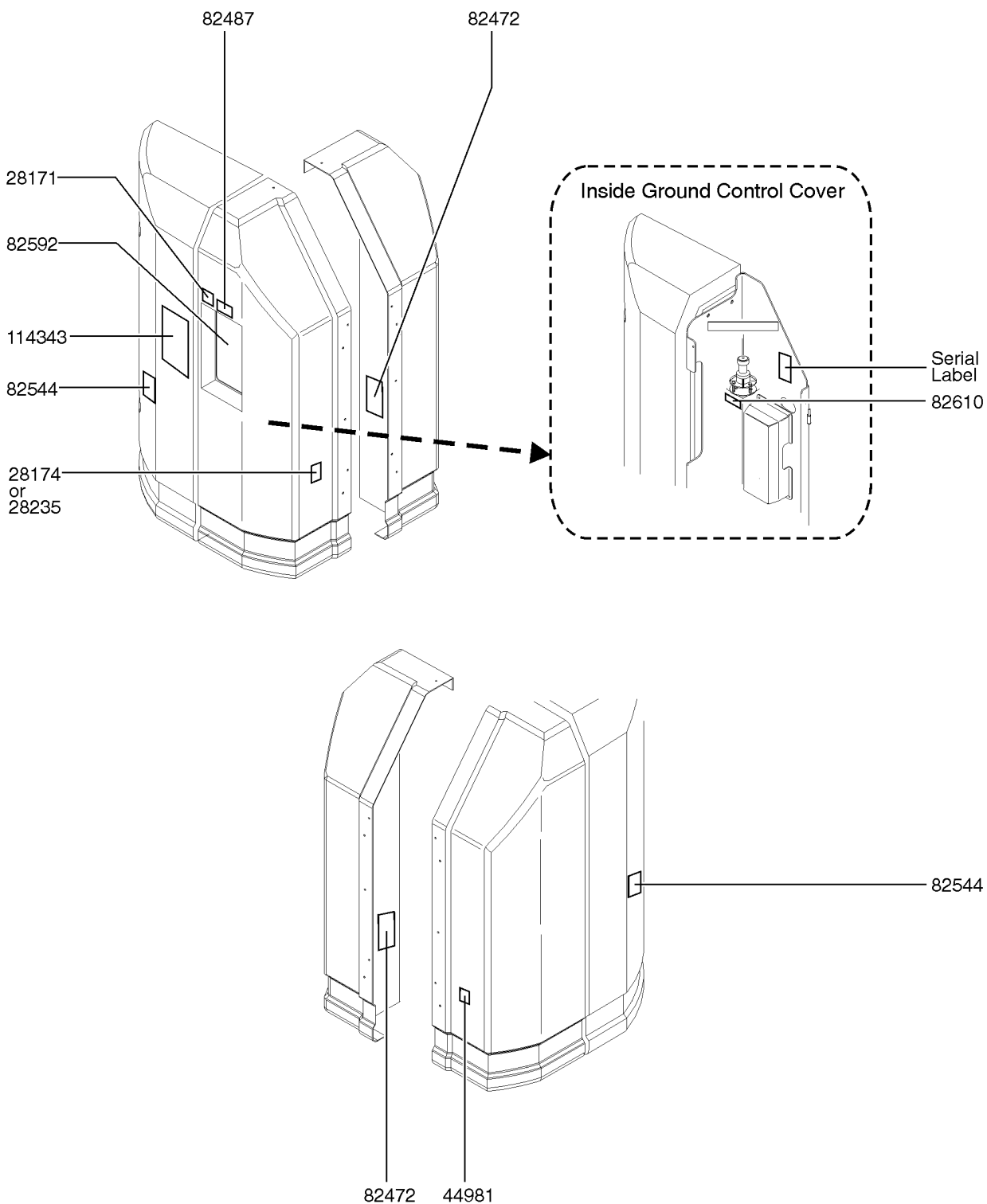
NOTE:
*Install decal on both sides of the chassis



105.1 Decals with Symbol, Chassis/Battery Box (ANSI & CE)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	37053GT	DECAL,ARROW,BLUE	1
2	37054GT	DECAL,ARROW,YELLOW SM 5-3/8"	1
3	37055GT	DECAL,TRIANGLE,BLUE	2
4	37056GT	DECAL,TRIANGLE,YELLOW	2
5	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
6	62929GT	DECAL,COSM,GENIE Z-30/20N(BOX)	2
7	82481GT	DECAL SYMBOL BATTERY SAFETY	2
8	133286GT	DECAL, POWER TO CHARGER, UNIV	1
9	139586GT	DECAL,LABEL,WHEEL LOAD Z30N&RJ	4

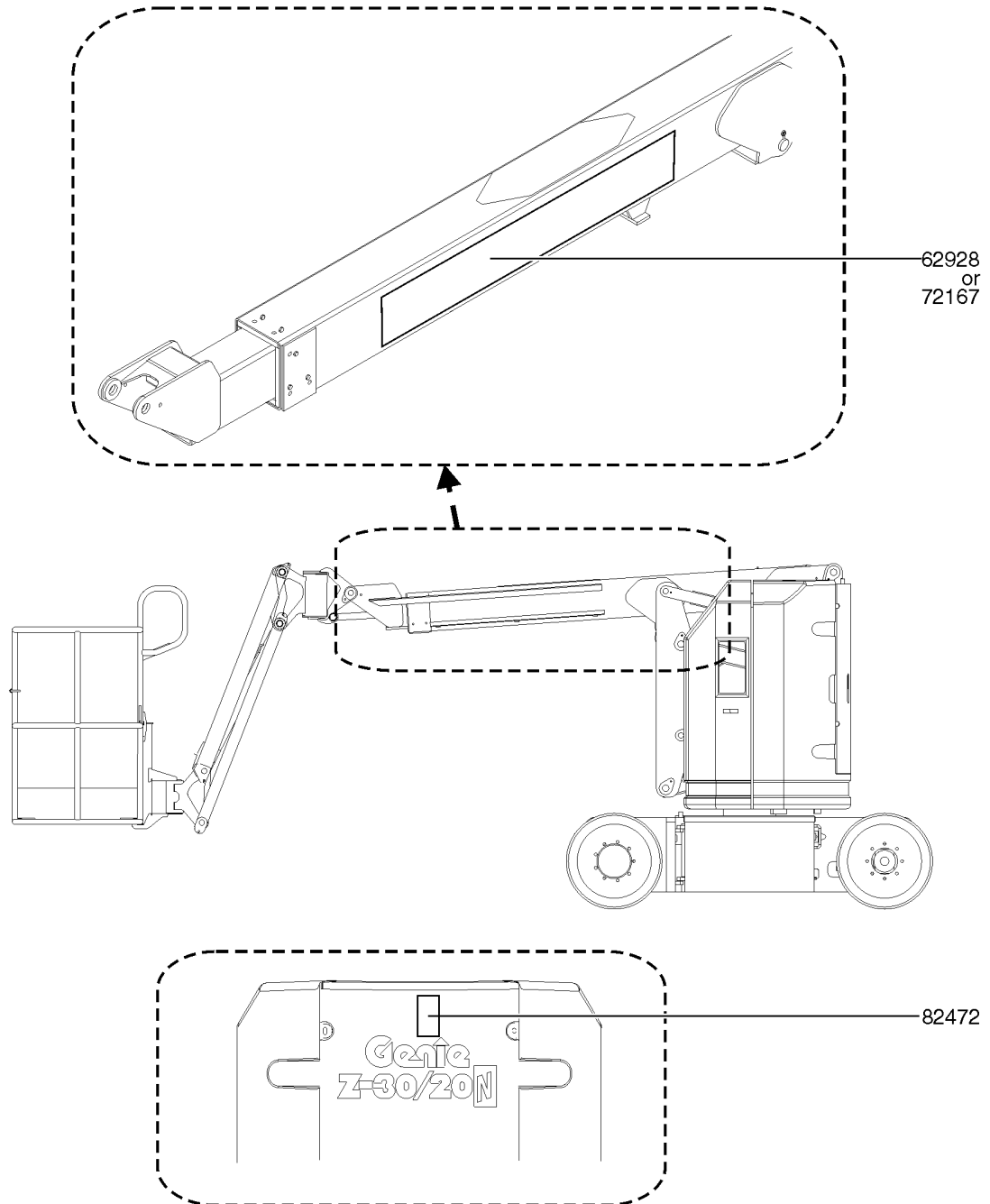
106.1 Decals with Symbol, Turntable Covers (ANSI & CE)



106.1 Decals with Symbol, Turntable Covers (ANSI & CE)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	28171GT	DECAL,DANGER,NO SMOKING ***	1
2	28174GT	DECAL, POWER TO PLATFORM 230V**	1
3	28235GT	DECAL, POWER TO PLATFORM 115V**	1
4	44981GT	DECAL LABEL AIRLINE 110PSI	1
		option, airline to platform	
5	82472GT	DECAL,WARNING,CRUSHING HAZARD	2
6	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
7	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
8	82592GT	DECAL,GROUND CONTROL PANEL ***	1
9	82610GT	DECAL,LABEL,CB & STATUS LIGHT	1
10	114343GT	DECAL,LABEL,EMERGENCY DOWN	1

107.1 Decals with Symbol, Boom (ANSI & CE)

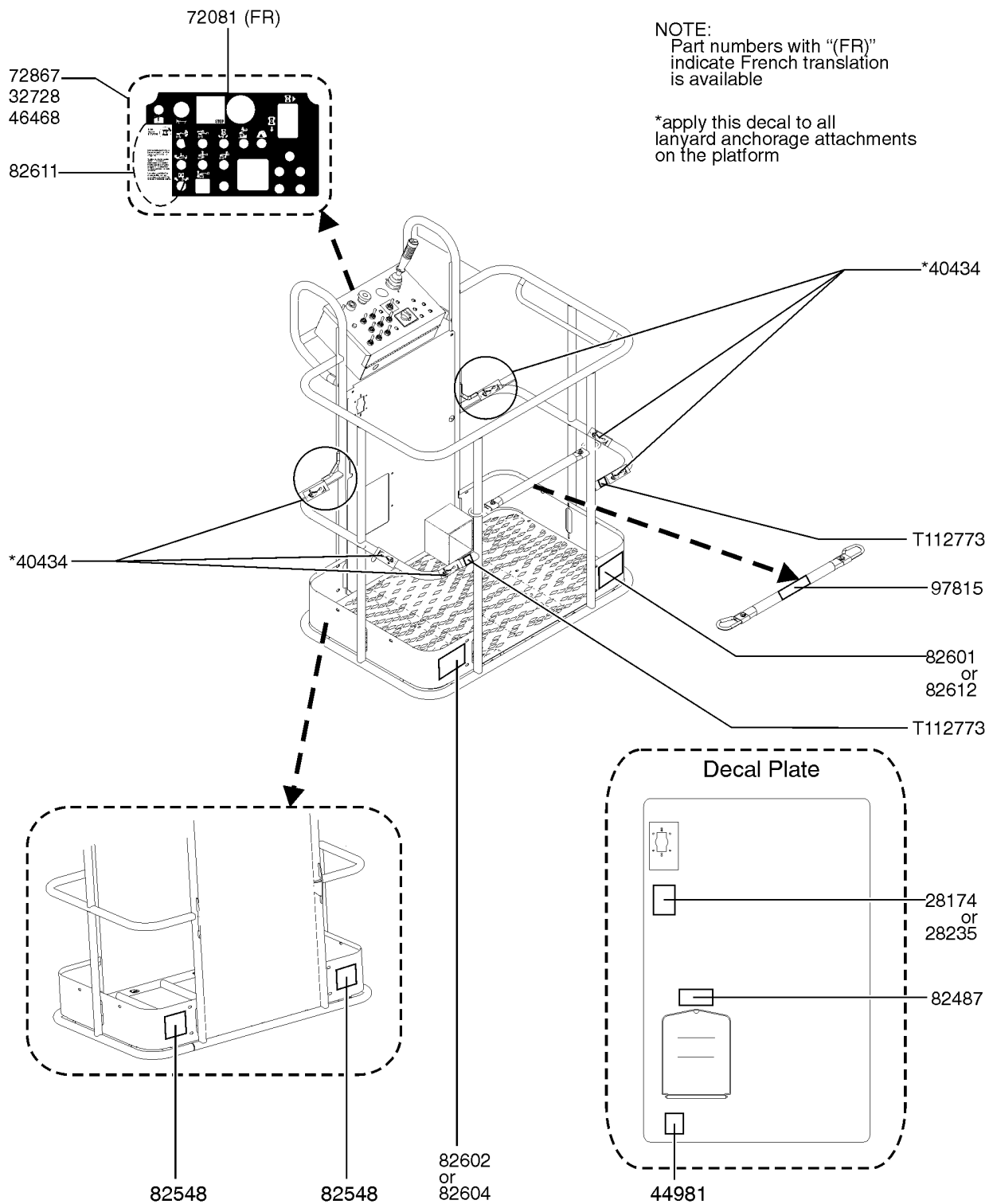


107.1 Decals with Symbol, Boom (ANSI & CE)

Item	Part No.	Description	Qty.
1	62928GT	DECAL,COSMETIC,GENIE Z-30/20N	1
2	72167GT	DECAL,COSMETIC,GENIE Z30/20NRJ	1
3	82472GT	DECAL,WARNING,CRUSHING HAZARD	1



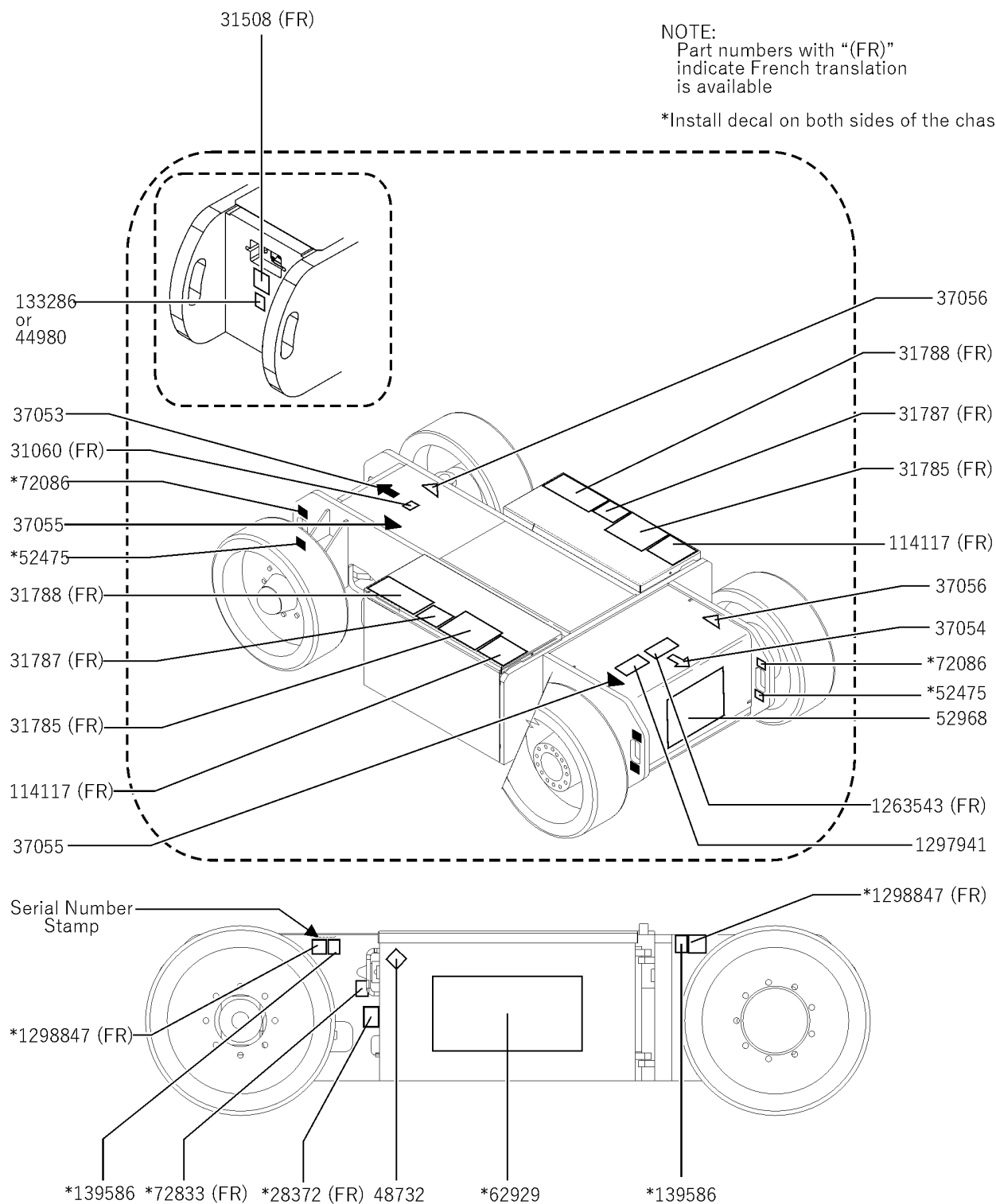
108.1 Decals with Symbol, Platform (ANSI & CE)



108.1 Decals with Symbol, Platform (ANSI & CE)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	28174GT	DECAL, POWER TO PLATFORM 230V**	1
2	28235GT	DECAL, POWER TO PLATFORM 115V**	1
3	32728GT	DECAL,OPTION GENERATOR***	1
		option, inverter	
4	40434GT	DECAL,LANYARD ANCHORAGE POINT	6
5	44981GT	DECAL LABEL AIRLINE 110PSI	1
		option, airline to platform	
6	46468GT	DECAL,FUNCTION OVERRIDE	1
		option, aircraft protection	
7	72081GT	DECAL,PLATFORM CONTROL PANEL**	1
8	72867GT	DECAL,LABEL,LIGHTS***	1
		option, work lights	
9	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
10	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
11	82601GT	DECAL,LABEL,MAX CAPACITY***	1
12	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
		ANSI	
13	82604GT	DECAL,DANGER,SIDE FRC 400N	1
		CE	
14	82611GT	DECAL,DRIVE ENABLE PATCH	1
15	82612GT	DECAL,DANGER,MAX CAP,200KG	1
		option, aircraft protection	
16	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
17	T112773GT	TAPE, PROTECTIVE MASK	2

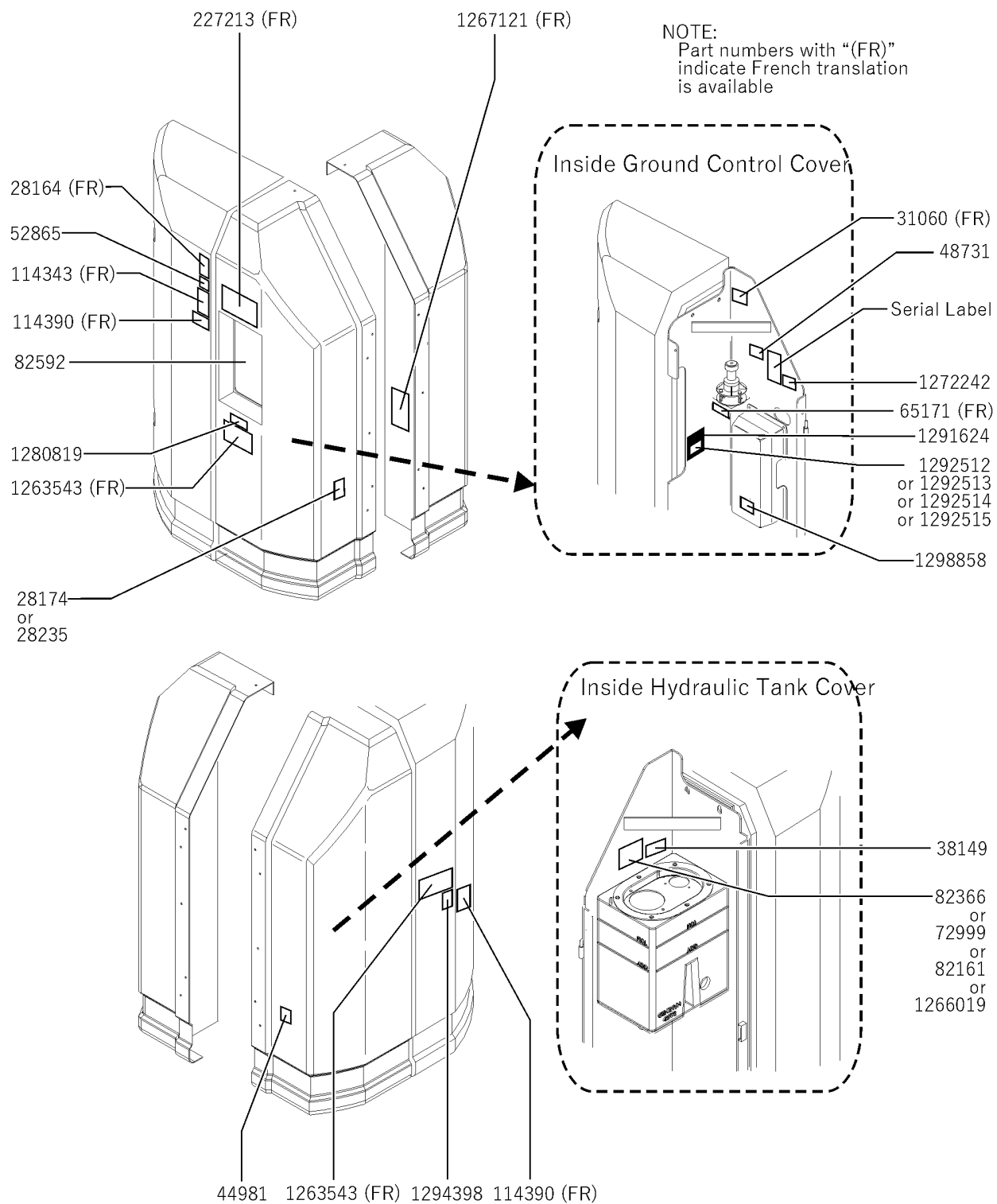
109.1 Decals with Word, Chassis/Battery Box, From Sep 1, 2020



109.1 Decals with Word, Chassis/Battery Box, From Sep 1, 2020

Item	Part No.	Description	Qty.
1	28372GT	DECAL,NOTICE,BATTERY CABLES	2
2	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
3	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
4	31785GT	DECAL,NOTICE,CHARGER INSTRU	2
5	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2
6	31788GT	DECAL,DANGER,BATTERY SAFETY***	2
7	37053GT	DECAL,ARROW,BLUE	1
8	37054GT	DECAL,ARROW,YELLOW SM 5-3/8"	1
9	37055GT	DECAL,TRIANGLE,BLUE	2
10	37056GT	DECAL,TRIANGLE,YELLOW	2
11	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
		option, EE	
12	48732GT	DECAL,LABEL,EE RATING	1
13	52475GT	DECAL LABEL TRANSPORT TIE DOWN*	4
14	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
15	62929GT	DECAL,COSM,GENIE Z-30/20N(BOX)	2
16	72086GT	DECAL,LABEL,LIFTING EYE	4
17	72833GT	DECAL,LABEL,OPEN,LATCH	2
18	114117GT	DECAL,BATT CONN DIAGRAM	2
19	133286GT	DECAL, POWER TO CHARGER, UNIV	1
20	139586GT	DECAL,LABEL,WHEEL LOAD Z30N&RJ	4
21	1263543GT	DECAL,COMPARTMENT ACCESS	1
22	1297941GT	DECAL,TRANSPORT/LIFT DIAGRAM, Z-30	1
23	1298847GT	DECAL,DANGER,TIPOVR,TIRES NMF, Z-30N, Z34N,WORD	4

110.1 Decals with Word, Turntable Covers, From Sep 1, 2020

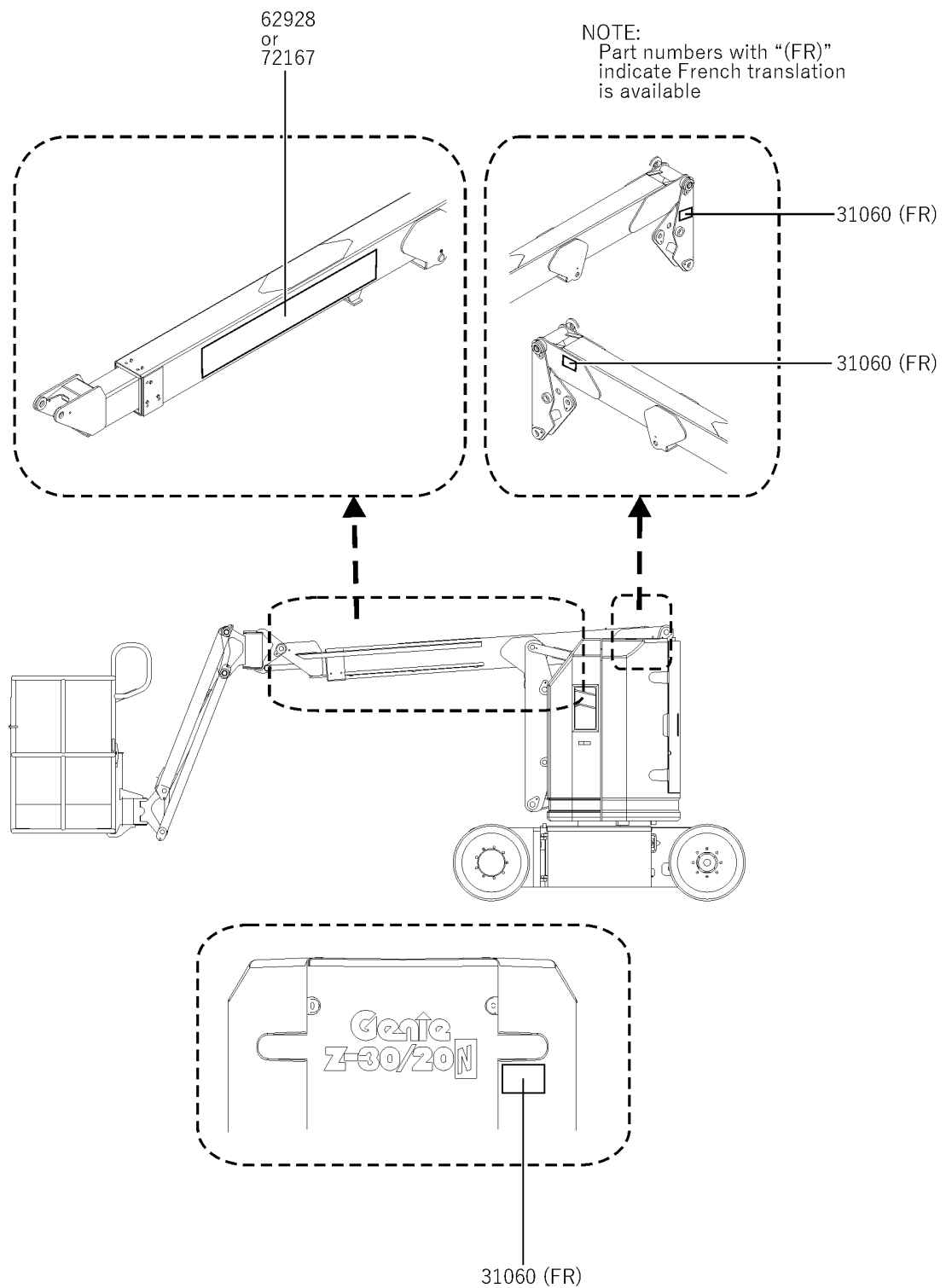


110.1 Decals with Word, Turntable Covers, From Sep 1, 2020

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
2	28174GT	DECAL, POWER TO PLATFORM 230V**	1
3	28235GT	DECAL, POWER TO PLATFORM 115V**	1
4	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
5	38149GT	DECAL LABEL PATENTS	1
6	44981GT	DECAL LABEL AIRLINE 110PSI	1
		option, air line to platform	
7	48731GT	DECAL,LABEL,FMRC APPROVED	1
8	52865GT	DECAL,ANNUAL INSP***	1
9	65171GT	DECAL,LABEL,CB & STATUS LIGHT	1
10	72999GT	DECAL,LABEL,PETRO CANADA***	1
		option, hydraulic oil	
11	82161GT	DECAL,LABEL,UCON HYDROLUBE	1
		option, hydraulic oil	
12	82366GT	DECAL,CHEVRON RANDO HD	1
		option, hydraulic oil	
13	82592GT	DECAL,GROUND CONTROL PANEL ***	1
14	114343GT	DECAL,LABEL,EMERGENCY DOWN	1
15	114390GT	DECAL,DANGER,ELECT HAZARD***	2
16	227213GT	DECAL,OPER INST,DC BOOM GND AU	1
17	1263543GT	DECAL,COMPARTMENT ACCESS	2
18	1266019GT	DECAL, LABEL, SHELL TELLUS	1
19	1267121GT	DECAL,WARNING,CRUSH HAZARD	1
20	1272242GT	DECAL,MACHINE REGISTRATION/OWNER TRANSFER	1
21	1280819GT	DECAL,WARNING,CANCER AND REPRODUCTIVE HARM, PROP 65	1
22	1291624GT	DECAL COSM,GENIE LIFT CONNECT,LEXAN COVER	1
23	1292512GT	DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-1	1
24	1292513GT	DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-2	1
25	1292514GT	DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-3	1
26	1292515GT	DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-4	1
27	1294398GT	DECAL, ANSI/CSA COMPLIANT	1
28	1298858GT	DECAL,RELAY LABEL,Z30/34 DC	1



111.1 Decals with Word, Boom, From Sep 1, 2020

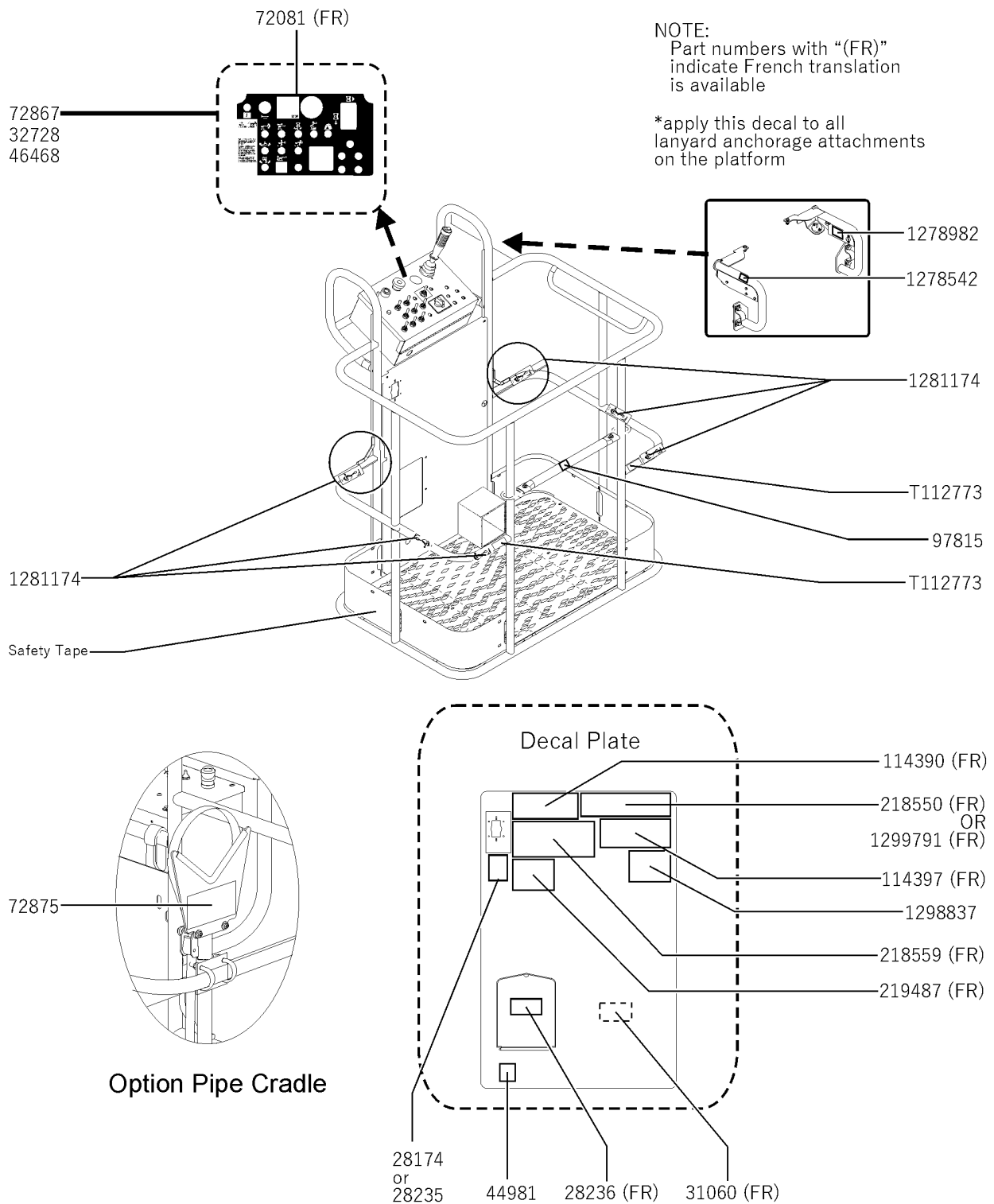


111.1 Decals with Word, Boom, From Sep 1, 2020

Item	Part No.	Description	Qty.
1	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3
2	62928GT	DECAL,COSMETIC,GENIE Z-30/20N	1
3	72167GT	DECAL,COSMETIC,GENIE Z30/20NRJ	1



112.1 Decals with Word, Platform, From Sep 1, 2020

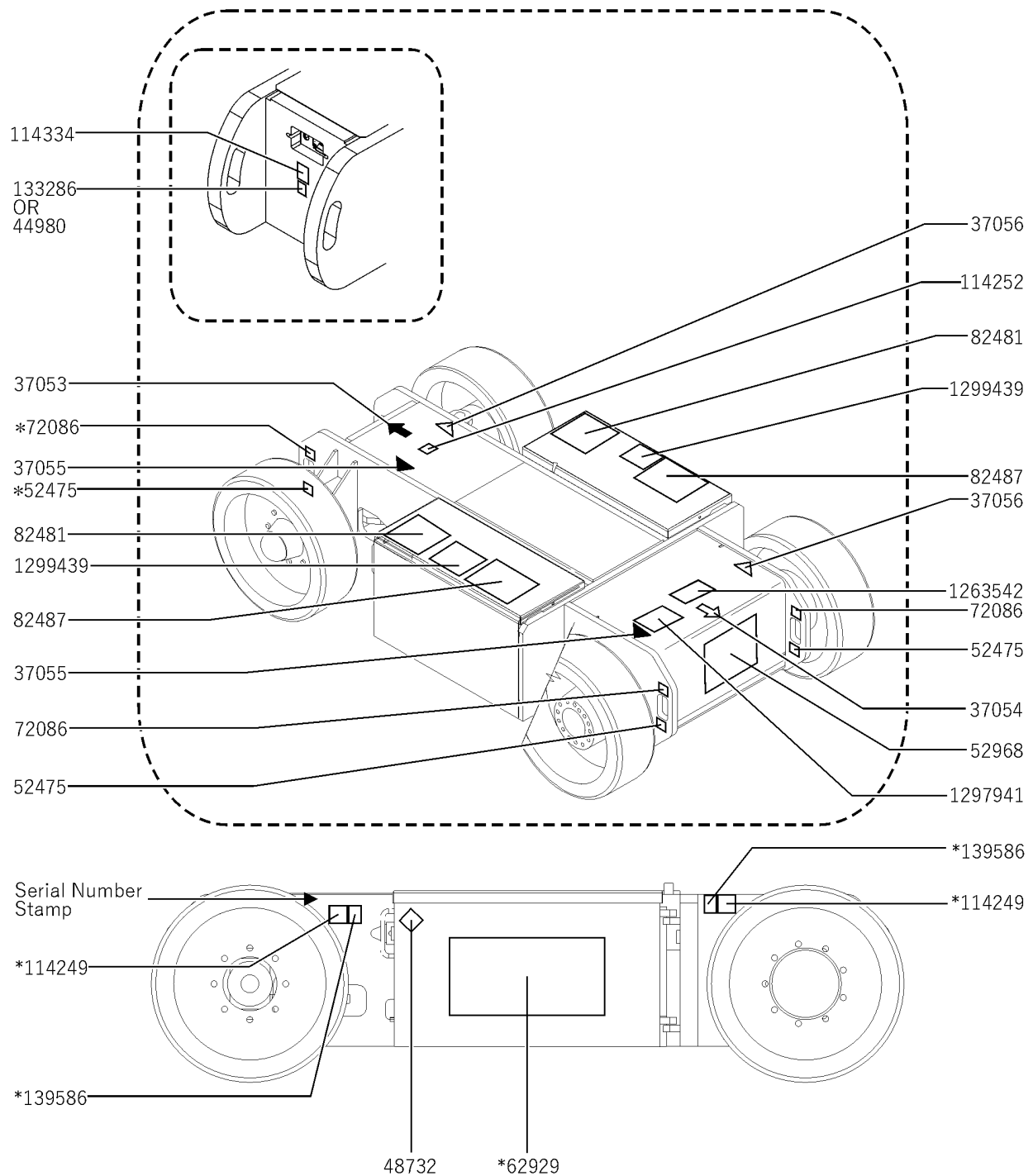


112.1 Decals with Word, Platform, From Sep 1, 2020

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	28174GT	DECAL, POWER TO PLATFORM 230V**	1
2	28235GT	DECAL, POWER TO PLATFORM 115V**	1
3	28236GT	DECAL,WARN,IMPROPER OPERATION	1
4	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
5	32728GT	DECAL,OPTION GENERATOR*** option, inverter	1
6	44981GT	DECAL LABEL AIRLINE 110PSI option, airline to platform	1
7	46468GT	DECAL,FUNCTION OVERRIDE option, aircraft protection	1
8	72081GT	DECAL,PLATFORM CONTROL PANEL**	1
9	72867GT	DECAL,LABEL,LIGHTS*** option, work lights	1
10	72875GT	DECAL,WARNING,PIPE CRADLE,BOOM	1
11	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
12	114390GT	DECAL,DANGER,ELECT HAZARD***	1
13	114397GT	DECAL,DANGER,TILT ALARM	1
14	218550GT	DECAL,DANGER,CAP,AUS WORD	1
15	218559GT	DECAL,DANGER/WARNING COMBO	1
16	219487GT	DECAL,PLATFORM OVERLOAD	1
17	1278542GT	DECAL, INSTRUCTION, CONTACT ALARM	2
18	1278982GT	DECAL, INSTRUCTION, ACTUATOR SWITCH SOCKET	2
19	1281174GT	DECAL,LANYARD,FALL ARREST/FALL RESTRAINED	2
20	1298837GT	DECAL,WARNING,RUNAWAY MACHINE,Z30N/RJ, Z34N,WORD	2
21	1299791GT	DECAL,DANGER,CAP, AIRCRAFT, WORD	2
22	T112773GT	TAPE, PROTECTIVE MASK	2

113.1 Decals with Symbol, Chassis/Battery Box, From Sep 1, 2020

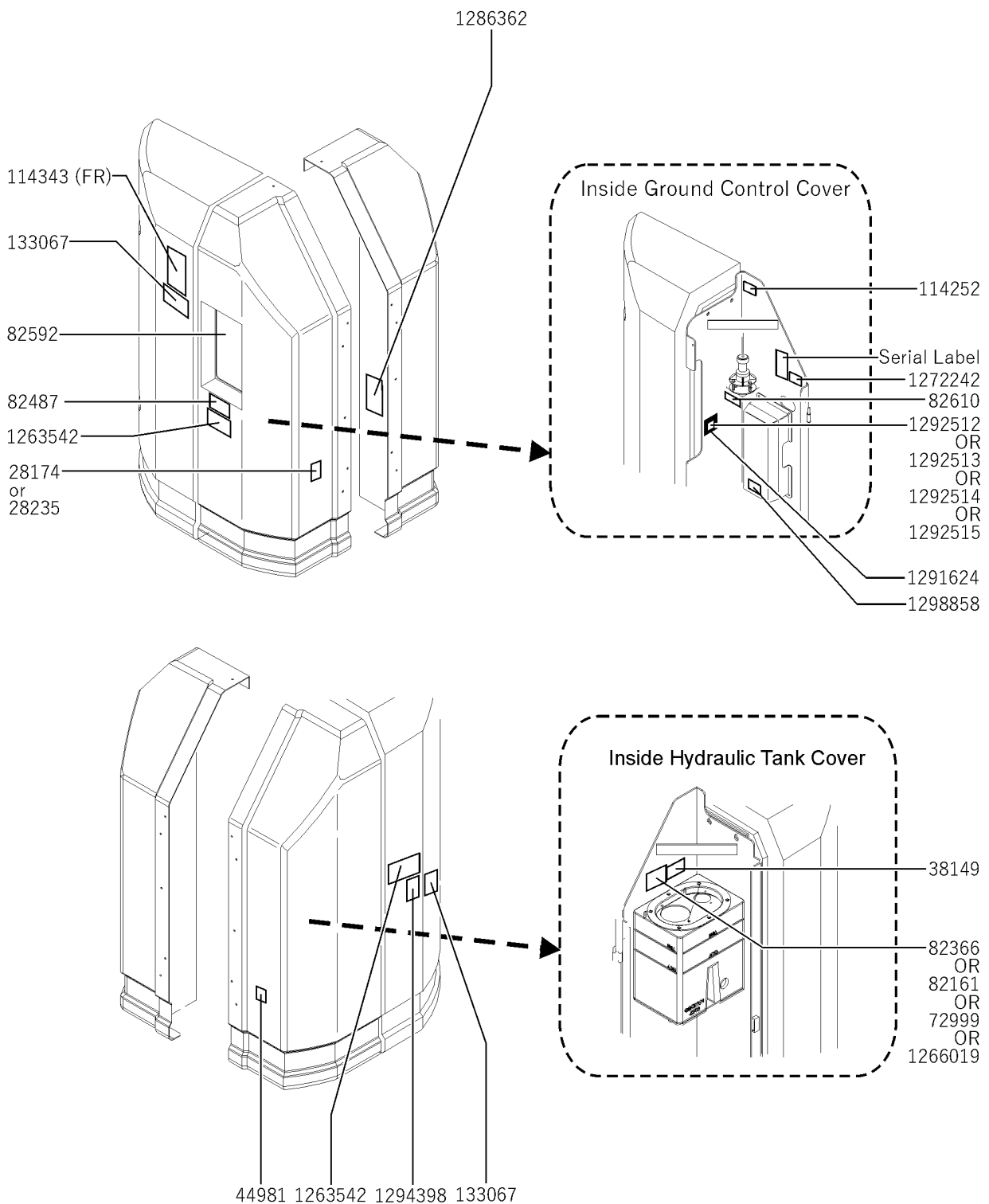
NOTE:
*Install decal on both sides of the chassis



113.1 Decals with Symbol, Chassis/Battery Box, From Sep 1, 2020

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	37053GT	DECAL,ARROW,BLUE	1
2	37054GT	DECAL,ARROW,YELLOW SM 5-3/8"	1
3	37055GT	DECAL,TRIANGLE,BLUE	2
4	37056GT	DECAL,TRIANGLE,YELLOW	2
5	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
6	48732GT	DECAL,LABEL,EE RATING	1
7	52475GT	DECAL LABEL TRANSPORT TIE DOWN*	4
8	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
9	62929GT	DECAL,COSM,GENIE Z-30/20N(BOX)	2
10	72086GT	DECAL,LABEL,LIFTING EYE	4
11	82481GT	DECAL SYMBOL BATTERY SAFETY	2
12	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
13	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	4
14	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	1
15	114334GT	DECAL SYMBOL ELECTRIC HAZARD PLUG	1
16	133286GT	DECAL, POWER TO CHARGER, UNIV	1
17	139586GT	DECAL,LABEL,WHEEL LOAD Z30N&RJ	4
18	1263542GT	DECAL, COMPARTMENT ACCESS	1
19	1297941GT	DECAL,TRANSPORT/LIFT DIAGRAM, Z-30	1
20	1299439GT	DECAL,ANSI SYMBOL, BATT WEIGHT/TIP OVER,Z30N	2

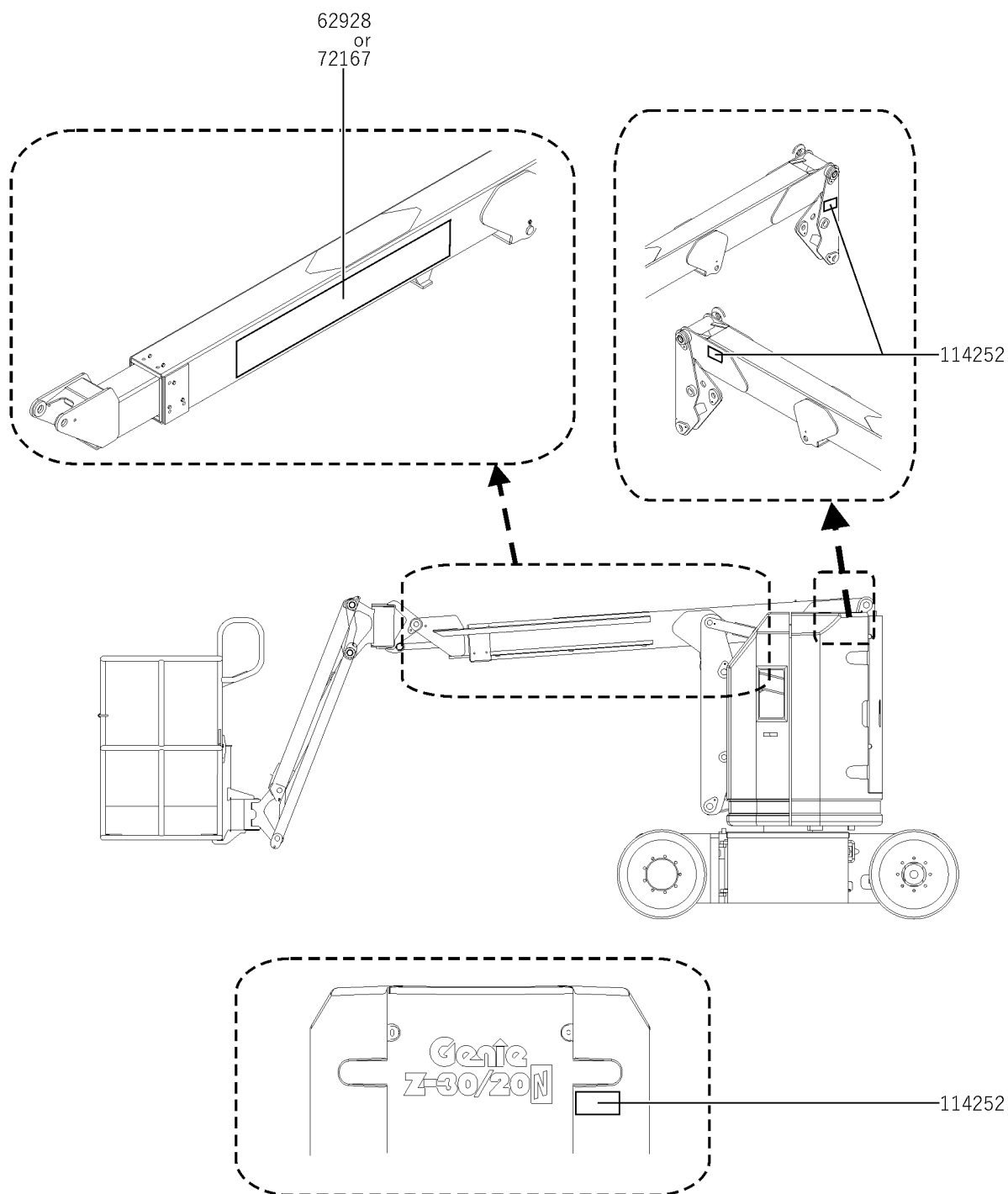
114.1 Decals with Symbol, Turntable Covers, From Sep 1, 2020



114.1 Decals with Symbol, Turntable Covers, From Sep 1, 2020

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	28174GT	DECAL, POWER TO PLATFORM 230V**	1
2	28235GT	DECAL, POWER TO PLATFORM 115V**	1
3	38149GT	DECAL LABEL PATENTS	1
4	44981GT	DECAL LABEL AIRLINE 110PSI	1
		option, airline to platform	
5	72999GT	DECAL,LABEL,PETRO CANADA***	1
6	82161GT	DECAL,LABEL,UCON HYDROLUBE	1
7	82366GT	DECAL,CHEVRON RANDO HD	1
8	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
9	82592GT	DECAL,GROUND CONTROL PANEL ***	1
10	82610GT	DECAL,LABEL,CB & STATUS LIGHT	1
11	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	1
12	114343GT	DECAL,LABEL,EMERGENCY DOWN	1
13	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
14	1263542GT	DECAL, COMPARTMENT ACCESS	2
15	1266019GT	DECAL, LABEL, SHELL TELLUS	1
16	1272242GT	DECAL,MACHINE REGISTRATION/OWNER TRANSFER	1
17	1286362GT	DECAL, BOOM SUPPORT, SYMBOL	1
18	1291624GT	DECAL COSM,GENIE LIFT CONNECT,LEXAN COVER	1
19	1292512GT	DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-1	1
20	1292513GT	DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-2	1
21	1292514GT	DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-3	1
22	1292515GT	DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-4	1
23	1294398GT	DECAL, ANSI/CSA COMPLIANT	1
24	1298858GT	DECAL,RELAY LABEL,Z30/34 DC	1

115.1 Decals with Symbol, Boom, From Sep 1, 2020

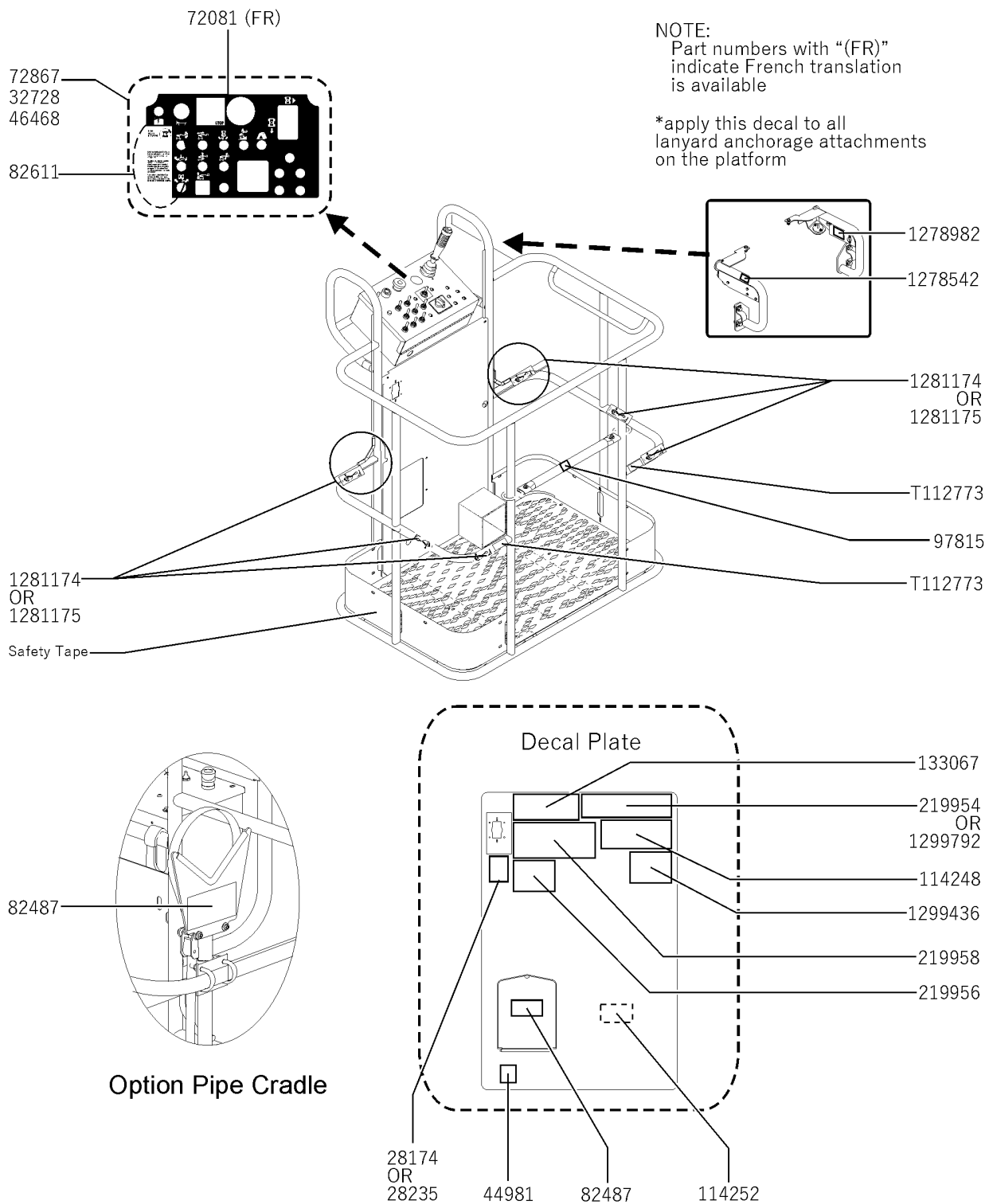


115.1 Decals with Symbol, Boom, From Sep 1, 2020

Item	Part No.	Description	Qty.
1	62928GT	DECAL,COSMETIC,GENIE Z-30/20N	1
2	72167GT	DECAL,COSMETIC,GENIE Z30/20NRJ	1
3	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	3



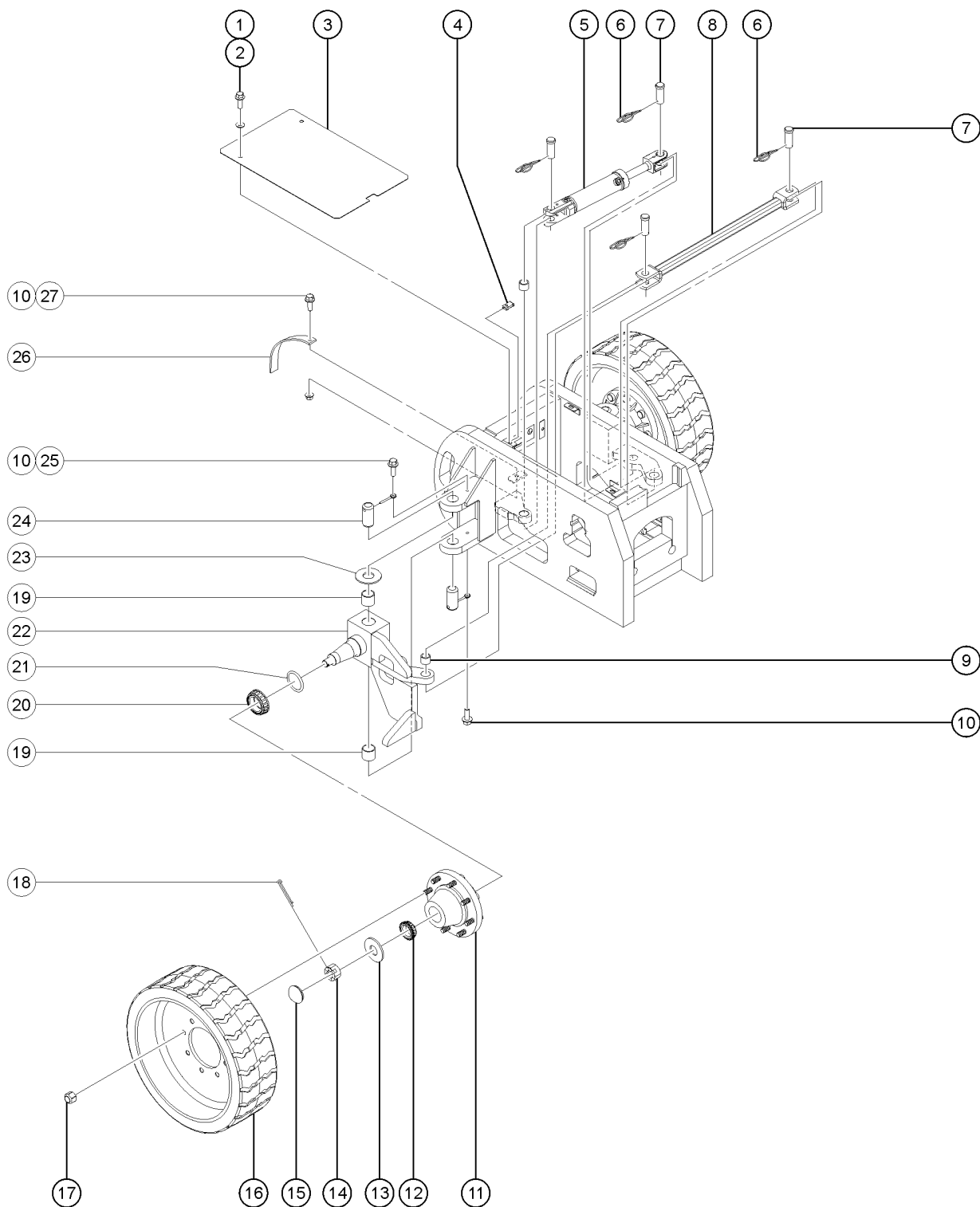
116.1 Decals with Symbol, Platform, From Sep 1, 2020



116.1 Decals with Symbol, Platform, From Sep 1, 2020

Item	Part No.	Description	Qty.
1	28174GT	DECAL, POWER TO PLATFORM 230V**	1
2	28235GT	DECAL, POWER TO PLATFORM 115V**	1
3	32728GT	DECAL,OPTION GENERATOR***	1
		option, inverter	
4	44981GT	DECAL LABEL AIRLINE 110PSI	1
		option, airline to platform	
5	46468GT	DECAL,FUNCTION OVERRIDE	1
		option, aircraft protection	
6	72081GT	DECAL,PLATFORM CONTROL PANEL**	1
7	72867GT	DECAL,LABEL,LIGHTS***	1
		option, work lights	
8	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
9	82611GT	DECAL,DRIVE ENABLE PATCH	1
10	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
11	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY	1
12	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	1
13	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
14	219954GT	DECAL,TIP-OVER HAZARD,CE	1
15	219956GT	DECAL,PLATFORM OVERLOAD	1
16	219958GT	DECAL,TIP-OVER,CRUSH	1
17	1278542GT	DECAL, INSTRUCTION, CONTACT ALARM	1
18	1278982GT	DECAL, INSTRUCTION, ACTUATOR SWITCH SOCKET	1
19	1281174GT	DECAL,LANYARD,FALL ARREST/FALL RESTRAINED	6
20	1281175GT	DECAL,LANYARD,FALL RESTRAINED	6
21	1299436GT	DECAL,SYMBOL,SLOPE RATING,Z30N/34N	1
22	1299792GT	DECAL,TIP-OVER HAZARD, AIRCRAFT, SYM	1
23	T112773GT	TAPE, PROTECTIVE MASK	2

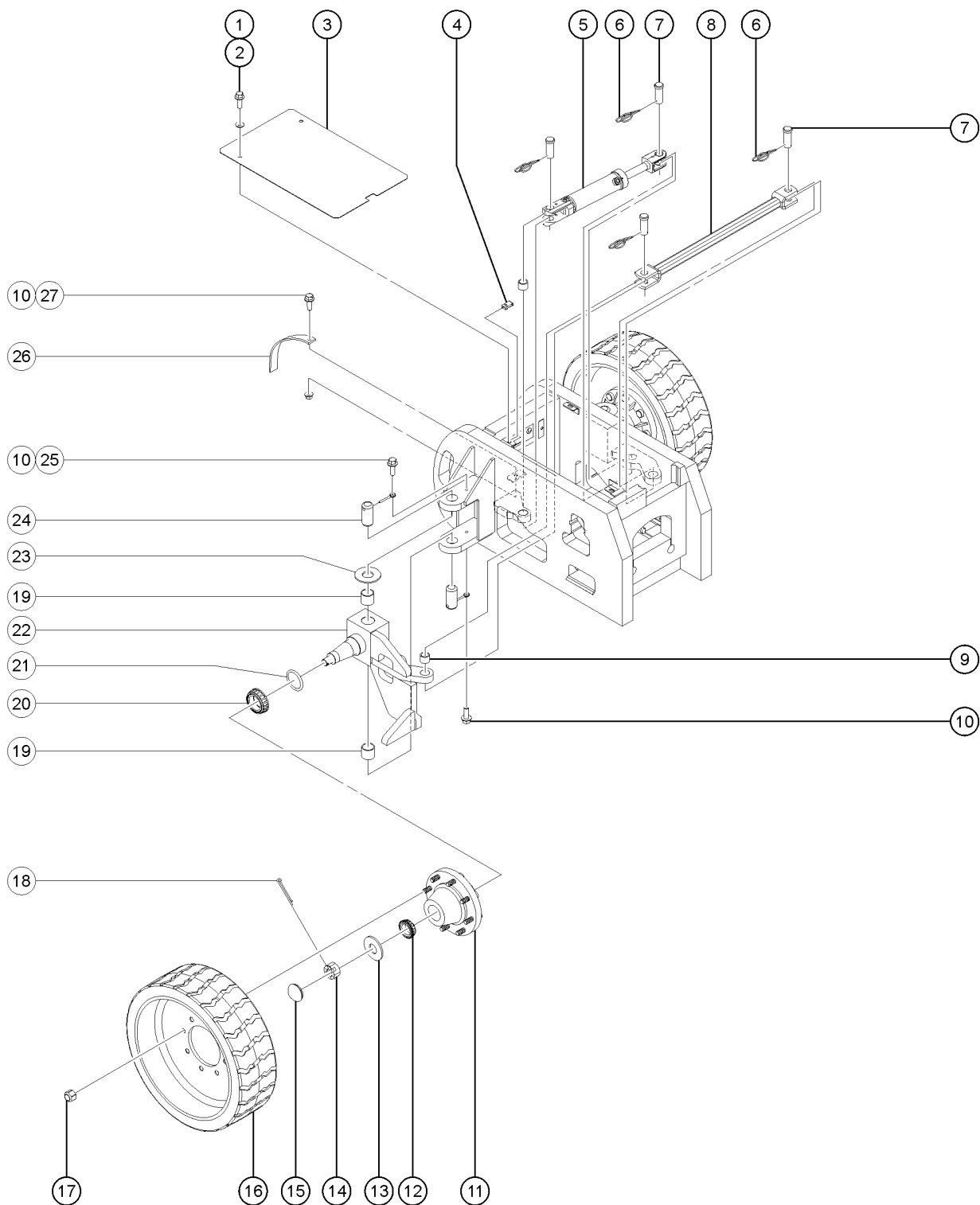
201.1 Steer Axle Linkage, Wheels and Hubs



201.1 Steer Axle Linkage, Wheels and Hubs

Item	Part No.	Description	Qty.
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
2	824113GT	WASHER,FLAT,USS,1/4,ZAG	
3	37100GT	COVER W/DECAL DR CHAS STR END* word decals	1
3B	106038GT	FRT COVER ASSY. W/SYM DECALS** symbol decals	1
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
5	88337GT	CYLINDER,STEER	1
5-	88338GT	SEAL KIT, 88337	
6	824129GT	RUE RING,1.0,ZAG	4
7	824127GT	PIN, CLEVIS, SAE 1.0 X 2.41, ZAG	4
8	36163-SGT	TIE ROD,WELDMENT,Z30N** US part number	1
8B	1282054GT	TIE ROD,WELDMENT,Z30N, METRIC China part number	1
9	25817GT	BEARING,1.00IDX1.25ODX1.00L	4
10	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
11	45043GT	HUB ASSEMBLY MODEL#60-8***	2
11-	45873GT	SEAL/BEARING KIT (45043,54840) includes items 12, 15, 20 and 21	
11-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	
12	45108GT	OUTER CONE - MODEL 60-8 small bearing race not included	2
12-	40146GT	BEARING RACE (SMALL) (45873) outer cone not included	
13	45112GT	WASHER,SPINDLE	2
14	45113GT	NUT,SPINDLE,1-14	2
15	45111GT	CAP,DUST,45873 HUB KIT	2
16	94908GT	TIRE & WHEEL ASSY,FRONT N-M non-marking 8-hole wheel	2
17	824042GT	NUT,LUG,5/8-18X90 DEG,ZAG	
18	45114GT	PIN,COTTER,.219 X 1.75	
19	45071GT	BEARING,1.5IDX1.75ODX1.5L	
20	45107GT	INNER CONE - MODEL 60-8 large bearing race not included	2
20-	40145GT	BEARING RACE (LARGE) (45873) inner cone not included	
21	45110GT	SEAL-GREASE,MODEL 60-8	2

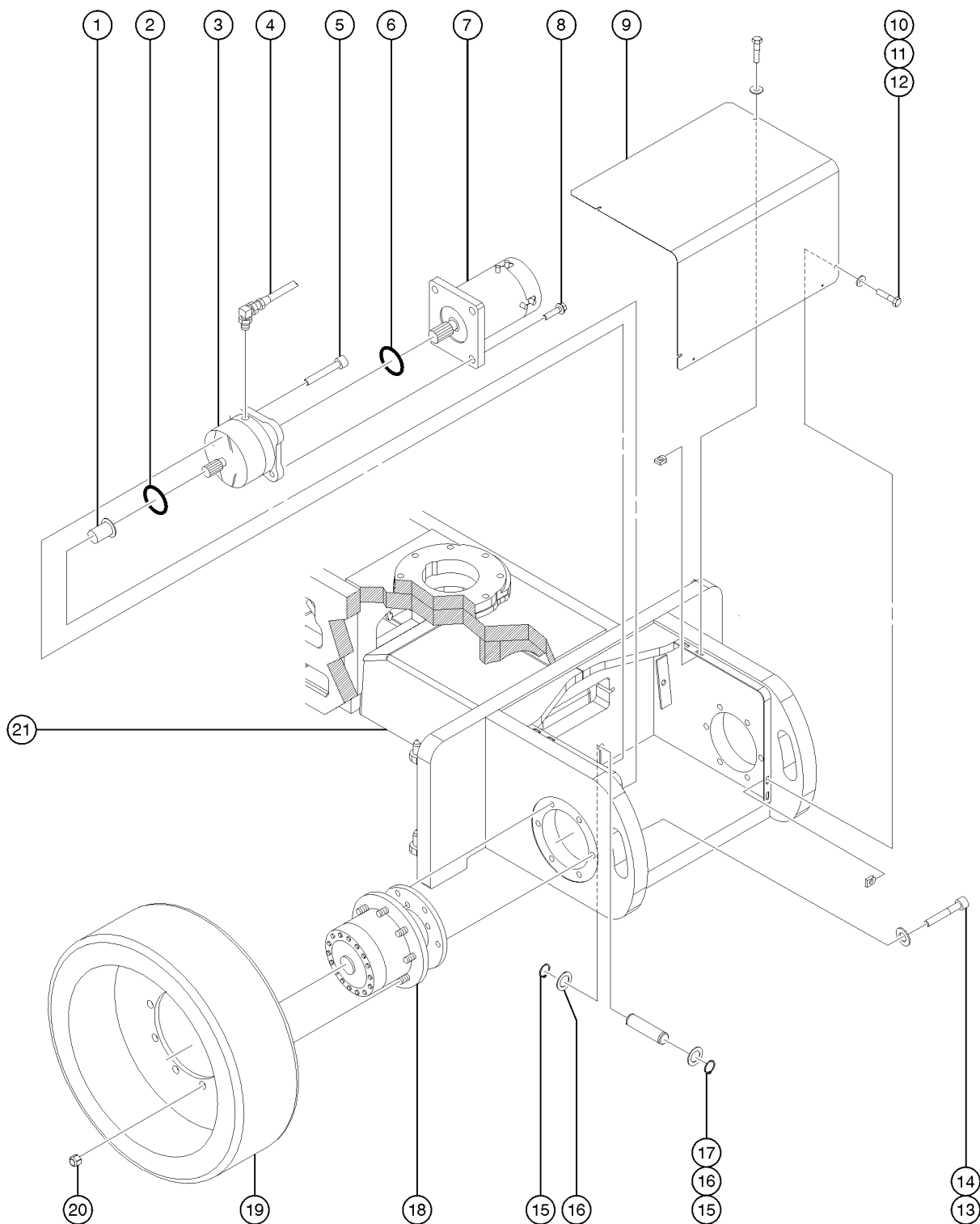
201.1 Steer Axle Linkage, Wheels and Hubs



201.1 Steer Axle Linkage, Wheels and Hubs

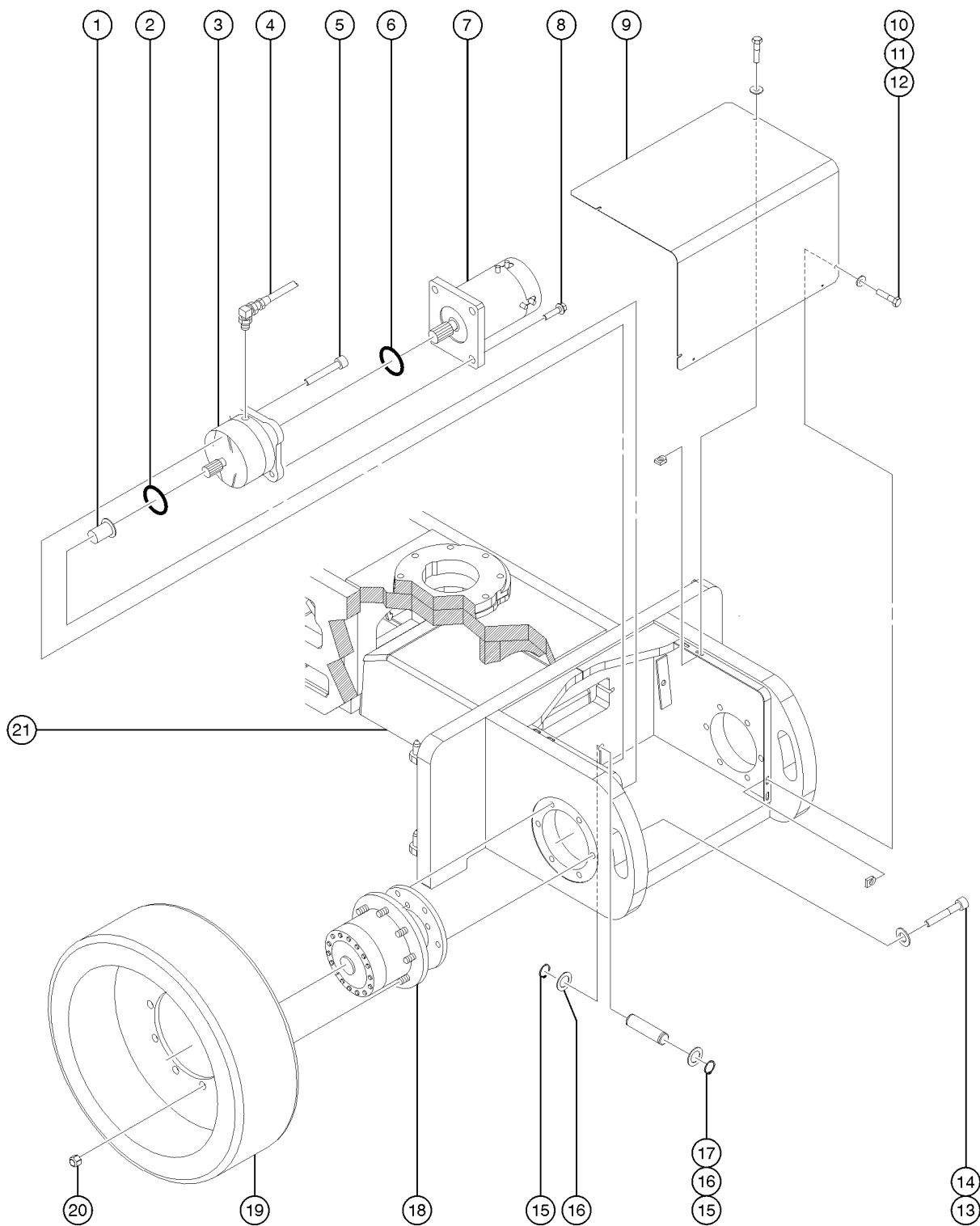
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
22	74246GT	WELDMENT,YOKE LH left side; includes items 9 and 19	1
22B	74247GT	WELDMENT,YOKE RH right side; includes items 9 and 19	1
23	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
24	36211GT	PIN,1.50DIAX3.25LG,1HOLE	4
25	825019GT	ROD END, .375X3.69, ZAG	4
26	96317GT	GROUND STRAP,12"LG***	1
27	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	

202.1 Non-steer Axle



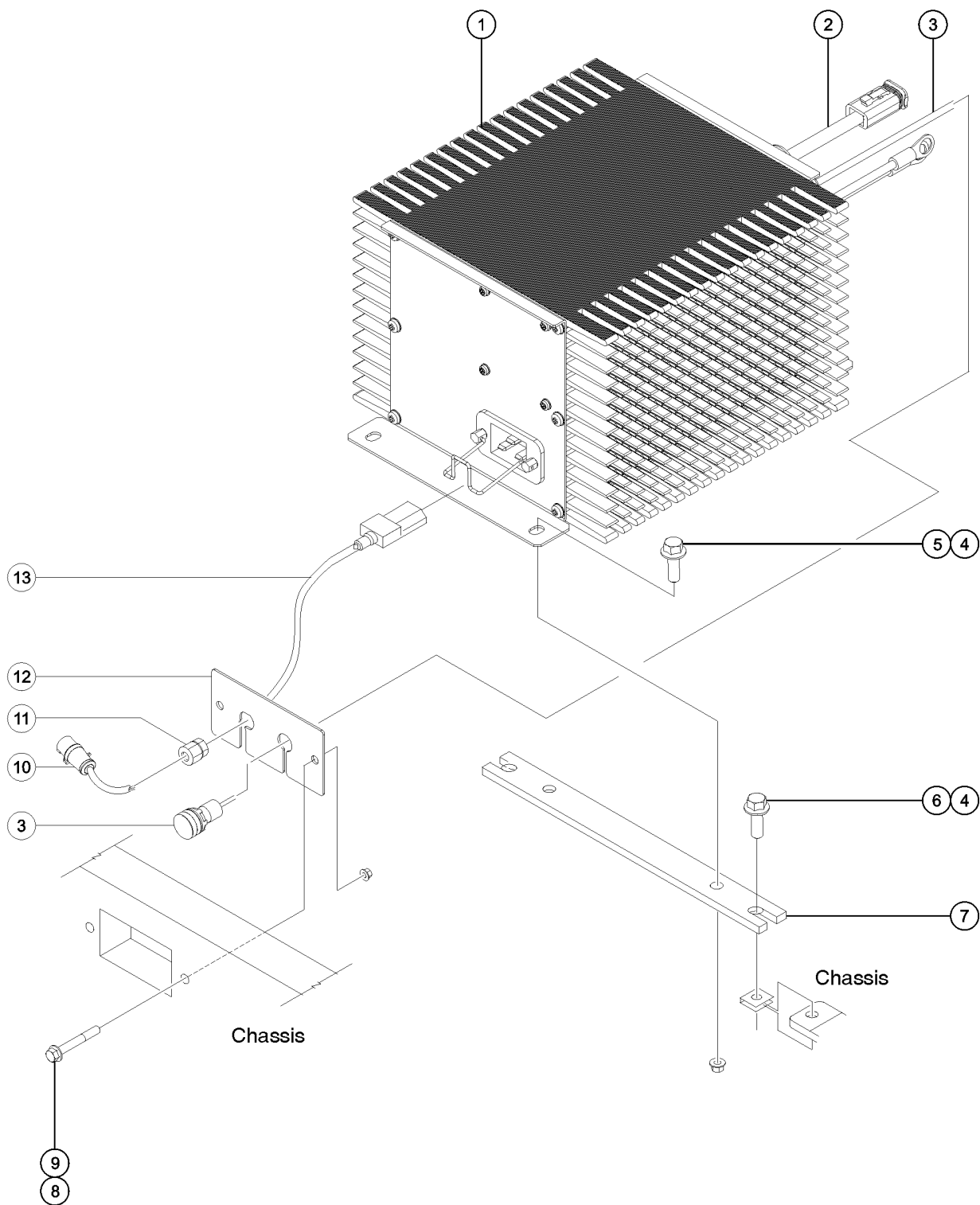
Item	Part No.	Description	Qty.
1	38113GT	COUPLER,INTERNAL SPLINE,T-HUB	2
2	52087GT	O-RING,2-044 BUNA***	2
3	139351GT	BRAKE, NEMA, 1200 IN/LB	2
3-	105352GT	GASKET, BRAKE (VENDOR#78917)	
3-	65608GT	BEARING KIT, AUSCO***	
3-	139353GT	STACK KIT, AUSCO 1200 IN/LB	
3-	139354GT	O-RING KIT, AUSCO 1200 IN/LB	
3-	139355GT	GASKET KIT, AUSCO 1200 IN/LB	
4		Ref. Hydraulic Hoses and Fittings (refer to 801.1)	
5	824103GT	SCREW,SHC,1/2-13X3,A574,ZAG	4
6	22811GT	O-RING,MOTOR TO BRAKE***	2
7	56831GT	MOTOR, DRIVE, SEPEX	2
7-	44778GT	BEARING,MOTOR,36843,BRUSH END*	1
7-	65872GT	BRUSH LEAD ASSEMBLY KIT(56831)	
7-	72078GT	BRUSH BOX ASSY	
7-	T108887GT	SPRING, BRUSH	
8	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	8
9	128732GT	COVER, DRIVE CHASSIS,Z30N decals not included, refer to 101.1 and 105.1	1
9B	1281274GT	COVER, DRIVE CHASSIS,Z30N , METRIC Metric PN	
10	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	4
11	824113GT	WASHER,FLAT,USS,1/4,ZAG	4
12	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
13	824107GT	SCREW,SHC,5/8-11X3,A574,ZAG	12
14	824121GT	WASHER, FLAT, .688 X 1.160 X .09, ZAG	12
15	1304483GT	PIN,1.00DIAX29.5LG,2 RING GROVE	2
16	1256119GT	WASHER,SHIM,1.01X1.63X.062,ZAG	4
17	1253843GT	SNAP RING,EXTERNAL,1.00,ZAG	4
18	106445GT	WHEEL DRIVE,4HB,57:1*** (Seal Kit 1286600, Bearing Kit 1286601)	2

202.1 Non-steer Axle



Item	Part No.	Description	Qty.
18-	106121GT	ROD,DISCONNECT 4HP/4HB*** for 106445	
18-	106122GT	CAP,DISENGAGE,4HP/4HB*** for 106445	
18-	106123GT	O-RING,END COVER,4HP/4HB*** for 106445	
18-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) for 106445 (inventory limited to stock on hand as component is no longer available)	
18-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) for 106445	
18-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** for 106445	
18-	232486GT	SNAP RING,WHEEL DRIVE for 106445	
18-	58320GT	KIT,TORQUE HUB COVER(101584)** for 106445	
18-	74714GT	BEARING KIT-74097 TORQUE HUB** for 106445 (inventory limited to stock on hand as component is no longer available), replace by 1286601GT	
18-	1286601GT	BEARING KIT,WHEEL DRIVE (106148/106445/107712) for 106445	
18-	83092GT	SNAP RING (74097) for 106445	
19	94909GT	TIRE & WHEEL ASSY,REAR N-M non-marking 9-hole wheel	
20	824042GT	NUT,LUG,5/8-18X90 DEG,ZAG for 106445	18
21	36612GT	COUNTERWEIGHT,CAST,645 LBS.*** for 106445	1

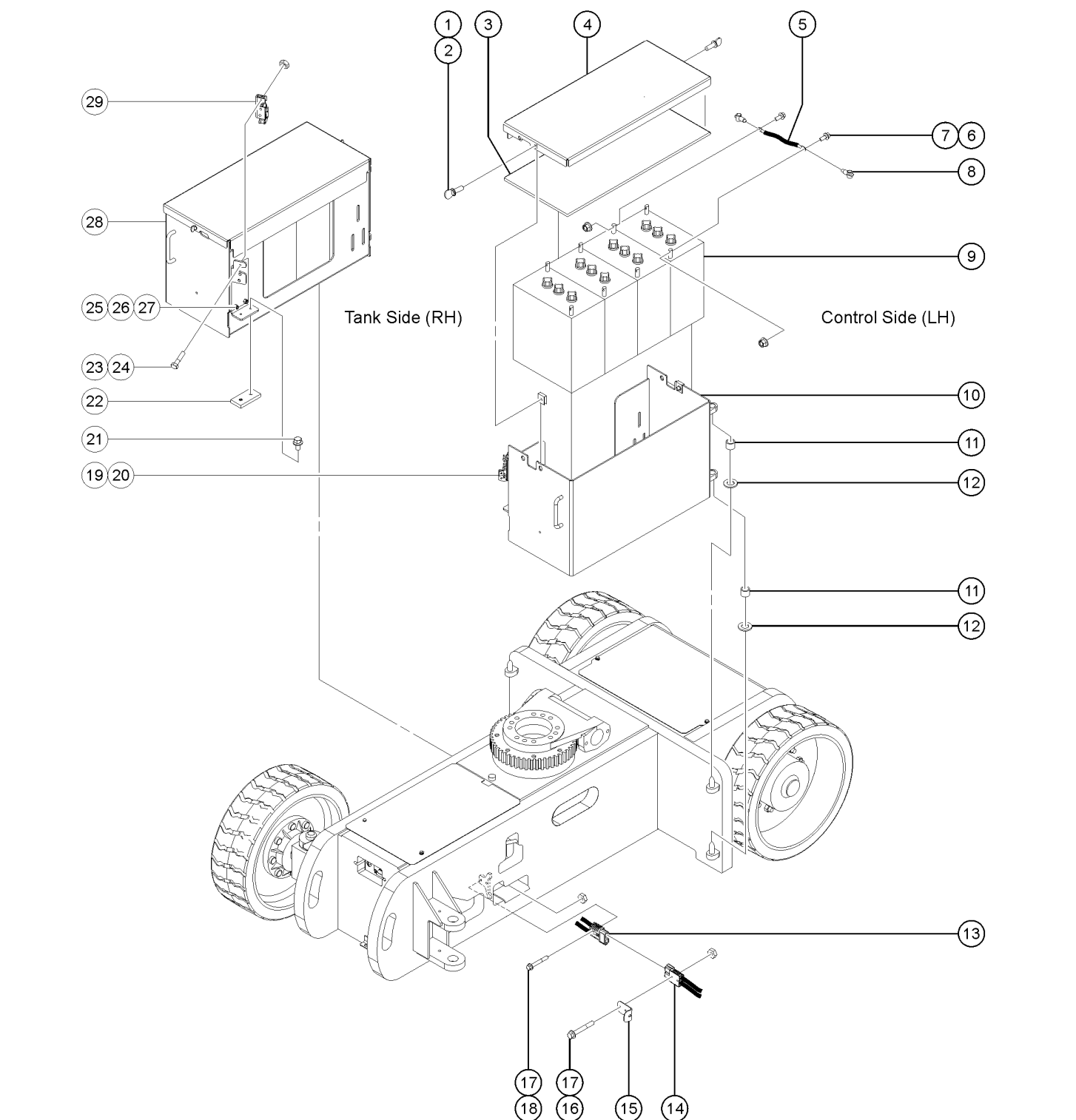
203.1 Battery Charger



203.1 Battery Charger

Item	Part No.	Description	Qty.
1	128375GT	CHARGER 48V/30A AUTO AC X-LED includes item 2 and 3; power cord not included	1
1B	58494GT	CHARGER,48V,110/60,12A,EERATNG EE rated models only	
1-	133286GT	DECAL, POWER TO CHARGER, UNIV	1
1-	228947GT	CLIP,RETAINING,IES CHARGER	1
2	139858GT	HARN.CHARGER INTERLOCK Z34	1
3	228973GT	KIT,ASSY,LED,IES CHARGER	1
4	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	8
5	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
7	36269GT	PLATE,CHARGER MOUNT US part number	2
7B	1281328GT	PLATE,CHARGER MOUNT, METRIC China part number	2
8	824094GT	SCREW, HHF, 3/8-16 X 2.75, 8, ZAG	2
9	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
10	119403GT	CONN,PLUG 120 AC/15A DOMESTIC included with item 13	1
11	128118GT	BUSHING,STRAIN RELIEF,.875/.40 domestic	1
11B	139318GT	BUSHING,STRAIN RELIEF,.875/.30 UK	1
12	128825GT	BRACKET, CHARGER CORD AND LED US part number	1
12B	1281327GT	BRACKET, CHARGER CORD AND LED, METRIC China part number	1
13	128377GT	CORD AC IEC320-C19 TO 110US complete domestic power cord	1
13B	128376GT	CORD EURO AC IEC320-C19PIGTAIL does not include item 10	1

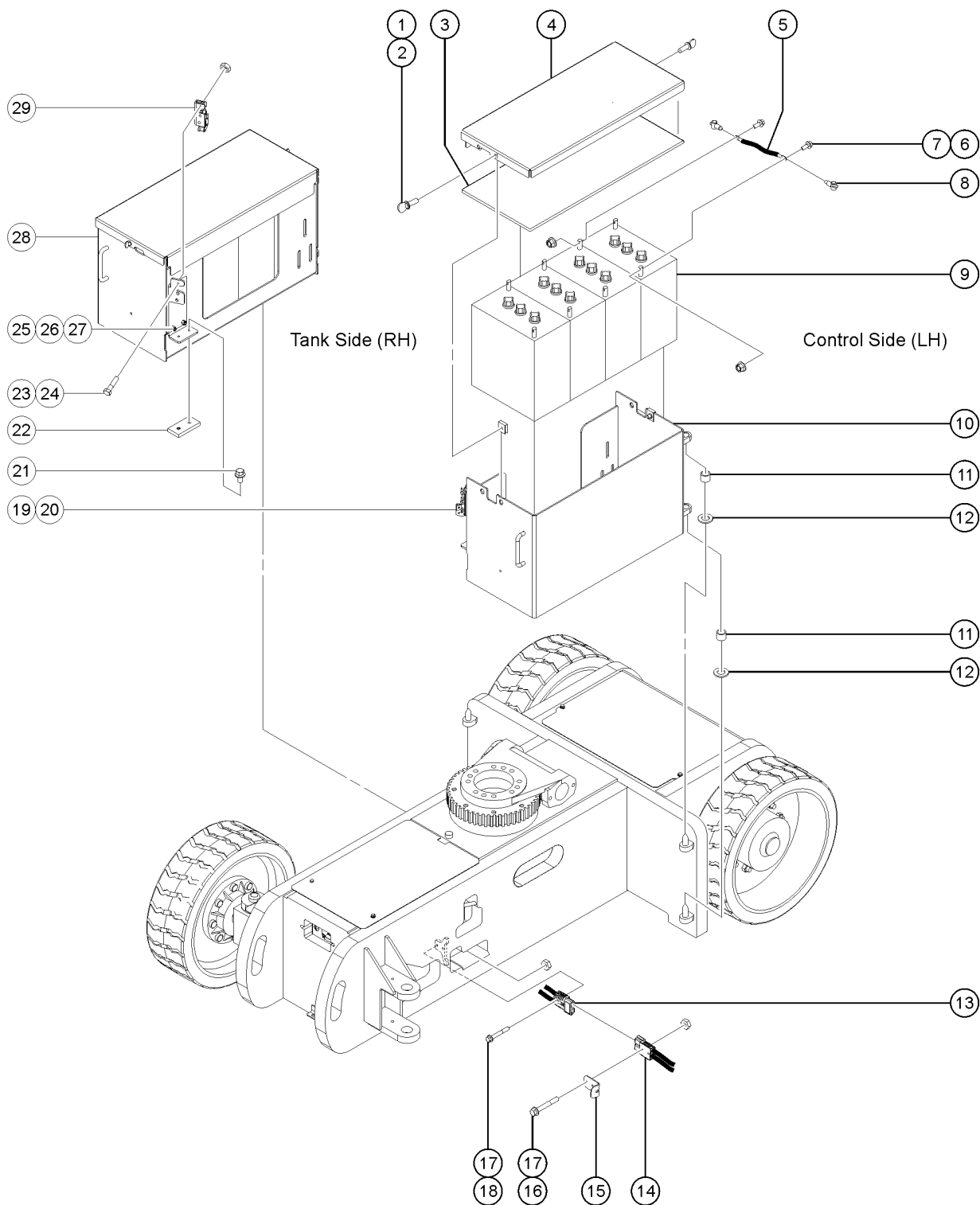
204.1 Battery Packs



204.1 Battery Packs

Item	Part No.	Description	Qty.
A-	824046GT	BATTERY BOX ASSY,TANK SIDE DWN includes items 11, 21-29; lid not included	1
B-	824047GT	BATTERY BOX ASSY,CONTRL SIDE** includes items 10, 11, 19-24, 26 and 27; lid not included	1
1	824228GT	SCREW,THUMB,A-REG,3/8-16X1,ZAG	4
2	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
3	106241GT	INSULATION,48V BATT.BOX LID models with AGM option	2
4	94001GT	LID-BATTERY BOX W/DECALS**	2
4B	106025GT	LID,BATT PACK, W/SYM DECALS**	2
5		Ref. Cable Assembly refer to 206.1	
6	13002GT	SCREW,HHC,5/16-18 X 1 GR5	16
7	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	16
8	8910GT	BOOT,CABLE TERM,MED.RED,4/0	16
9	56461GT	BATTERY, 390AH L16,WET	8
9B	823684GT	BATTERY,AGM,6V/390A,L16 models with AGM option	8
10	161551GT	WELDMENT, BATTERY BOX, LH control side; includes item 11	1
11	36369GT	BEARING,0.75IDX1.00ODX0.75L	4
12	36212GT	WASHER,THRUST,.75 X 1.38X.13	4
13	94011GT	BATTERY CABLE ASSEMBLY**	2
14	94012GT	BATTERY CABLE ASSEMBLY	2
15	74651GT	FORMING,HANDLE BATTERY CONN	2
16	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	4
17	824037GT	NUT, HH JAM, 1/4-20, A, ZAG	8
18	824081GT	SCREW, HHF, 1/4-20 X 1.5, 8, ZA	4
19	66901GT	LATCH,ROTARY, W/KNOB,RIGHT installed on LEFT side of chassis	1
20	229805GT	FORMING,BATTERY BOX LATCH LH	1
21	824077GT	SCREW, HHF, 1/4-20 X .5, 8, ZAG	4
22	45209GT	WEAR PAD,4X2X.5 W/INSERT***	2
23	824066GT	SCREW,HHC,5/16-18X1.375,8,ZAG	6
24	1252977GT	NUT,TL JAM,5/16-18,A,ZAG	6

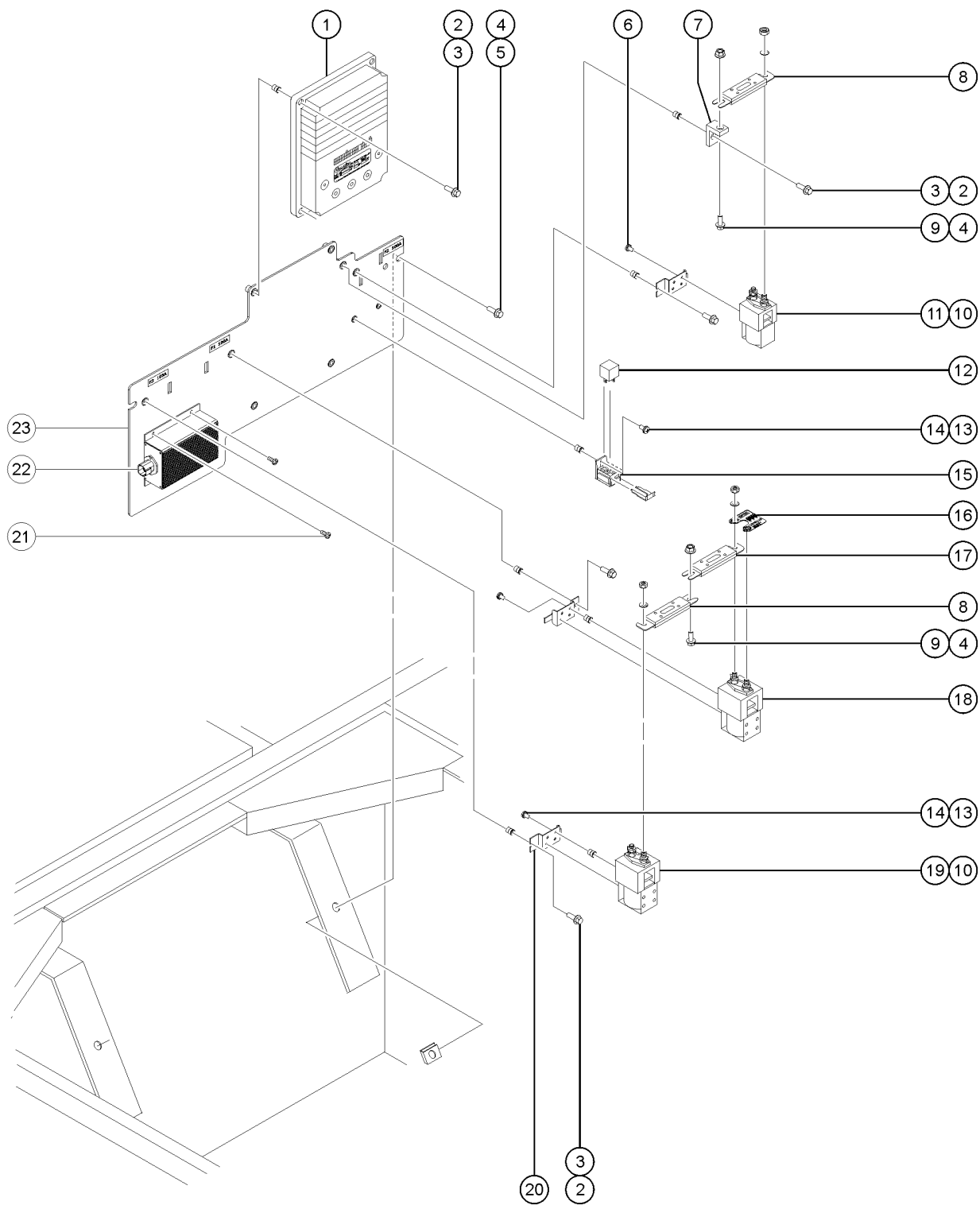
204.1 Battery Packs



204.1 Battery Packs

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
25	229806GT	FORMING,BATTERY BOX LATCH RH	1
26	824125GT	BOLT,CARRIAGE,3/8-16X1,5,ZAG	6
27	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	6
28	161550GT	WELDMENT, BATTERY BOX, RH	1
		tank side; includes item 11	
29	66900GT	LATCH,ROTARY, W/KNOB, LEFT	1
		installed on RIGHT side of chassis	

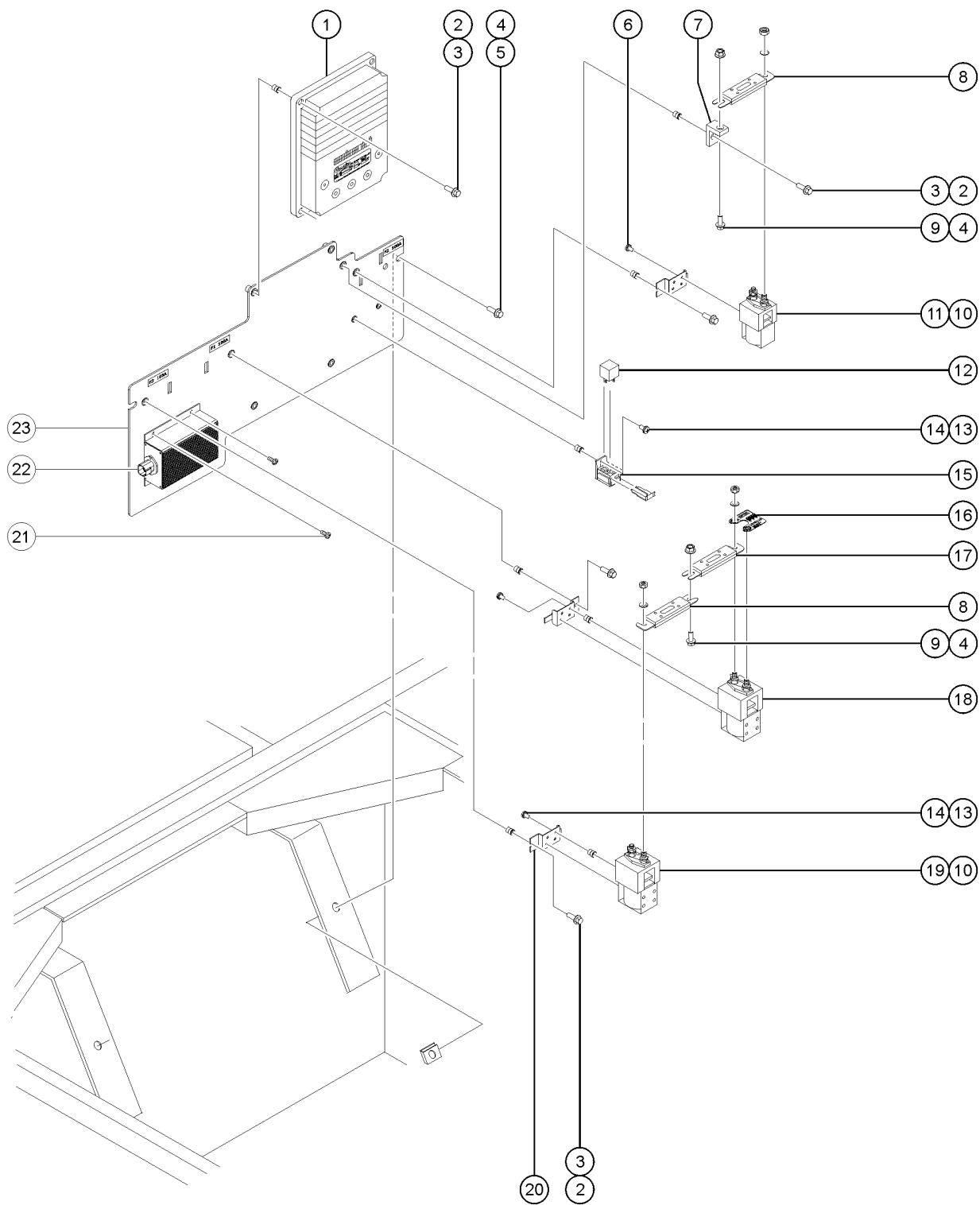
205.1 Electronic Control Module



205.1 Electronic Control Module

Item	Part No.	Description	Qty.
C-	56029GT	CONNECTOR,MOLEX 24-WAY**	
D-	56030GT	TERMINAL,MOLEX 16 GAUGE***	
E-	56561GT	TOOL,TERMINAL CRIMPER,MOLEX***	
F-	56562GT	TOOL,TERMINAL EXTRACTOR,MOLEX	
1	T114858GT	CONTROLLER,SEP-EX Z30N,AMD	1
2	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	7
3	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	7
4	824086GT	SCREW, HHF, 5/16-18 X 1, 8, ZAG	4
5	36456GT	SPRING CLIP,5/16-18,.025-.15X.83,ZAG	2
6	824217GT	SCREW, PHPM SEMS ET, M4-.7 X 8, ZAB	4
7	56281GT	ANGLE,FUSE MOUNT	1
8	36355GT	FUSE,100 AMP,VERY FAST ACTING	2
9	824028GT	NUT,TL FLG,5/16-18,G,ZAG	2
10	74282GT	DUST SHIELDS,180A CONTACTOR (EE models only) Limited inventory available; this component is no longer available from our supplier ..	4
11	1304130GT	CONTACTOR,24V,80A,SPST,SEAL,UNBRANDED	1
11A-	22262GT	CONTACT,MOVING,19549RELAY*	
11A-	22263GT	CONTACT,STATIONARY,19549RELAY*	
11A-	74495GT	SPRING, RETURN (FOR 74268)	
11B	74266GT	CONTACTOR,LIFT PUMP 24V 180A** for EE rated units only, (use until exhausted)	
11C	1270457GT	CONTACTOR, DRIVE, 24V, 180A UNBRANDED replaces 74266GT	
12	823226GT	POWER RELAY, 24V COIL	1
		for drive light option	
13	824221GT	SCREW,PHPM SEMS ET,10-32X.313,	5
14	23405GT	10-32 NUTSERT	5
15	61226GT	RELAY SOCKET,70AMP	1
16	56930GT	DIODE,PCB DRIVE CONTACTOR**	1
17	43179GT	FUSE,500 AMP,VERY FAST ACTING	1
18	74267GT	CONTACTOR,DRIVE,24V,180A***	1
18-	74468GT	SPRING, RETURN (FOR 74267)	

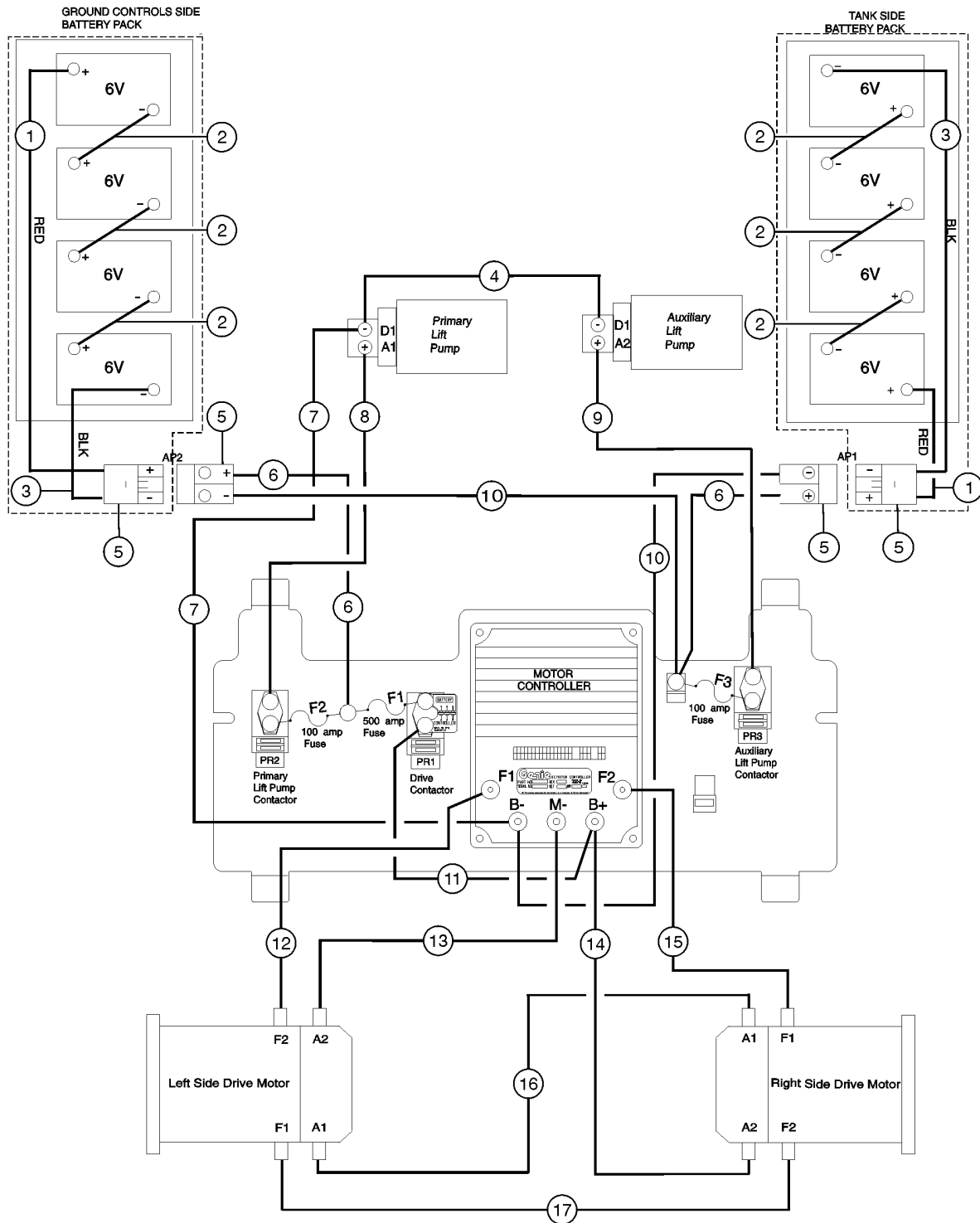
205.1 Electronic Control Module



205.1 Electronic Control Module

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
18-	74469GT	FIXED CONTACT (FOR 74267)	
18-	74470GT	MOVING CONTACT (FOR PN 74267)	
19	74266GT	CONTACTOR,LIFT PUMP 24V 180A** use until exhausted	1
19-	62695GT	CONTACT,STATIONARY (56434)**	
19-	62696GT	CONTACT-MOVEABLE (56434)**	
19-	74471GT	SPRING,RETURN (74266)	
19B	1270457GT	CONTACTOR, DRIVE, 24V, 180A UNBRANDED	1
20	56095GT	BRACKET,CONTACTOR MOUNT SINGLE US part number	3
20B	1281335GT	BRACKET,CONTACTOR MOUNT SINGLE, METRIC China part number	3
21	1251757GT	SCREW,PHPM,10-32X.50,ZAG	4
22	79452GT	CONVERTER, DC-DC, 48-26 VOLT**	1
22-	822917GT	KIT, DC-DC CONVERTER, DC field install kit for units without inverter	1
22-	822919GT	KIT, DC-DC CONV,Z30N W/INVERTER field install kit for units with inverter	1
23	236665GT	ASSEMBLY, CONTROLLER PLATE	1

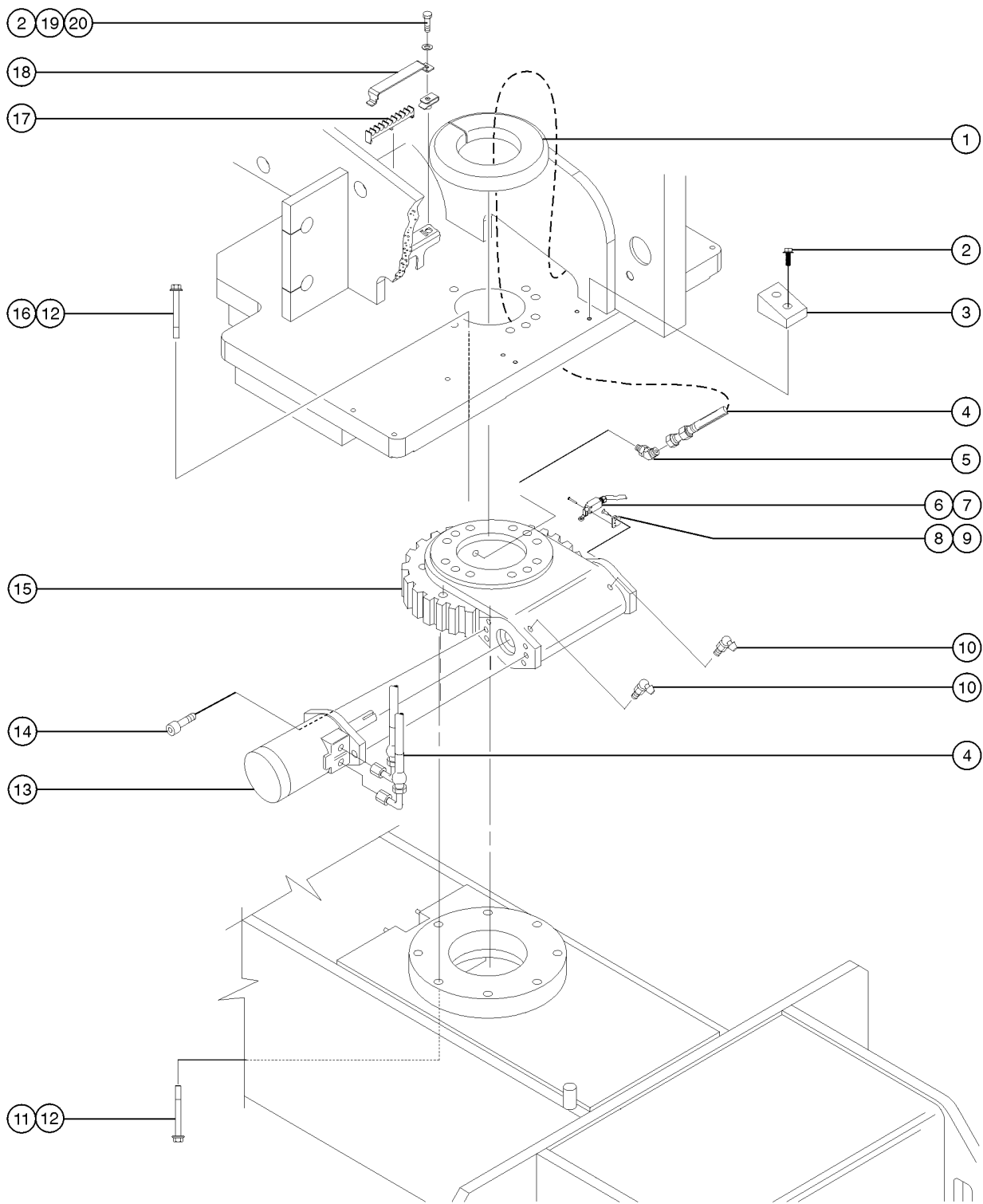
206.1 Power Cable Diagram



206.1 Power Cable Diagram

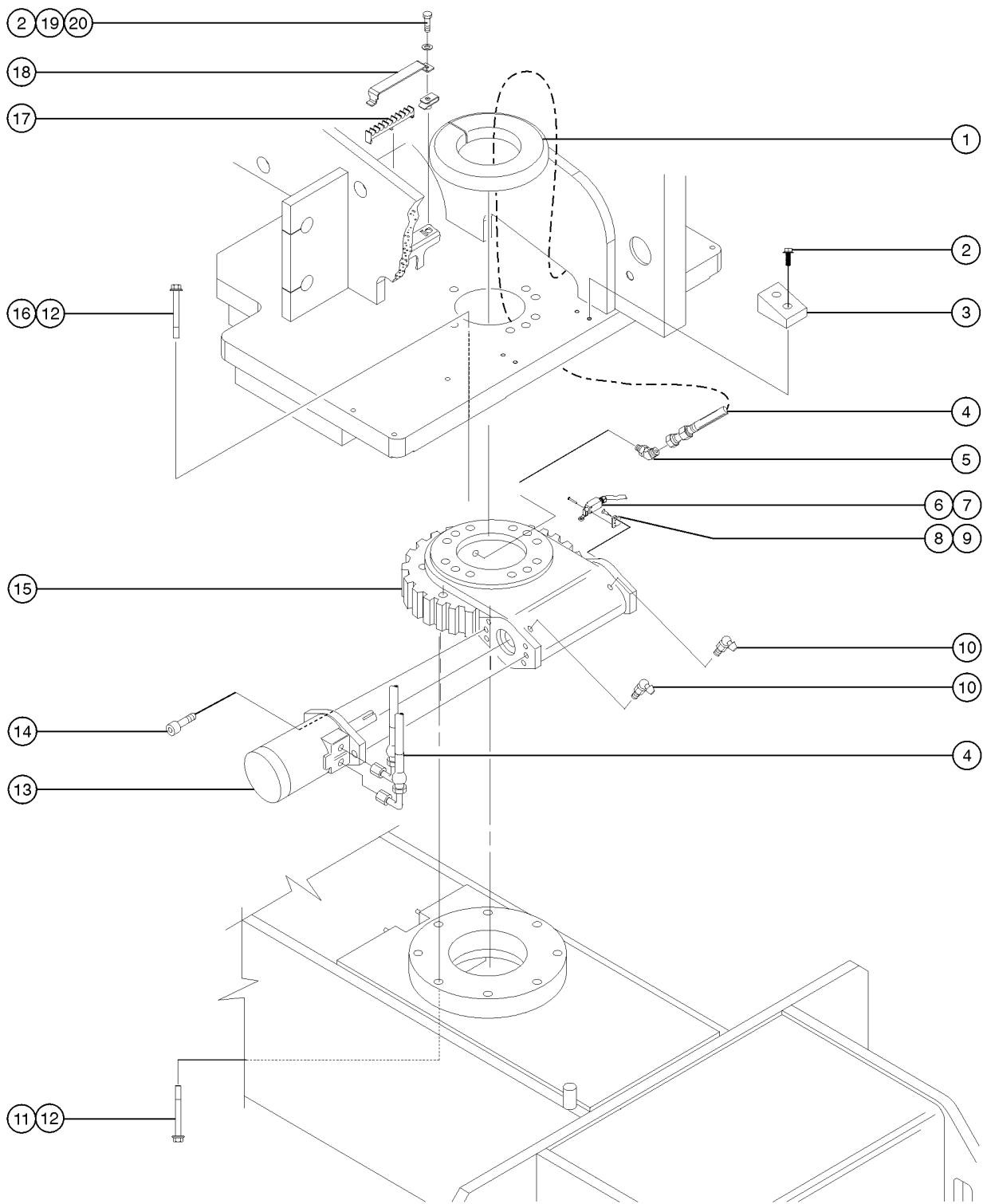
Item	Part No.	Description	Qty.
A-	139010GT	HARN ASSY, POWER DRIVE CHASS includes 1 each items 5, 6 and 10	
B-	825066GT	HARN ASSY, POWER BATT PACK includes 1 each items 1, 3, and 5	
C-	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	
1	128465GT	CABLE ASSY #2 RED BATT	2
2	19520GT	BATTERY CABLE ASSY,9.5"JUMPER	6
3	128466GT	CABLE ASSY #2 BLK AP1/AP2 BATT	2
4	139019GT	CABLE ASSY #4 BLK LP-D1/AP-D1	1
5	19436GT	CONNECTOR,ANDERSON SB 175***	4
5-	66397GT	QUICK DISCONNECT CASING,BATT**	8
5-	128135GT	TERM CONTACTS #2GA SB175 BATT	8
6	128458GT	CABLE ASSY #2 RED AP1/AP2 DRIV	2
7	139018GT	CABLE ASSY #4 BLK B(-)/LP-D1	1
8	139016GT	CABLE ASSY #4 RED PR2/LP-A1	1
9	139017GT	CABLE ASSY #4 RED PR3/AP-A2	1
10	128459GT	CABLE ASSY #2 BLK AP1/AP2 DRIV	2
11	139013GT	CABLE ASSY #2 BLK B(+)/PR1	1
12	139020GT	WIRE ASSY #10 RED F1/F2	1
13	139014GT	CABLE ASSY #2 BLK M(-)/A2	1
14	139012GT	CABLE ASSY #2 BLK B(+)/A2	1
15	139021GT	WIRE ASSY #10 RED F2/F1	1
16	139015GT	CABLE ASSY #2 BLK A1/A1	1
17	139022GT	WIRE ASSY #10 RED F1/F2	1

301.1 Turntable Rotator



Item	Part No.	Description	Qty.
1	42363GT	RING,HOSE PROTECTOR	1
2	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
3	74256GT	REST PAD, LOWER REST Z30N	2
4		Ref. Hydraulic Hoses and Fittings (refer to 802.1)	
5	31194GT	ELBOW,070302-4-2	
6	824223GT	SCREW,PHPM SEMS ET,10-32X1.25,	2
7	110637GT	HARNESS LS3 OP DRIVE ENABLE	1
7-	88356-12103GT	SWITCH,LIMIT,W/ROLLER ARM	1
7-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	50
7-	119762GT	CONN PLUG 4 WAY EXTEND DT	1
7-	73714GT	TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	4
7-	60429GT	LOCK, PLUG 4WAY, 14-18GA	1
8	824224GT	SCREW,FHPM,10-32X.5,ZAG	2
9	119917GT	PLATE, TURNTABLE LS. MT. US part number	1
9B	1281270GT	PLATE, TURNTABLE LS. MT. METRIC China part number	1
10	22794GT	ZERK,GREASE,1/8 NPT,45DEG	
11	1263141GT	SCREW,HHC,5/8-11X5.5,8,ZAG	8
12	1256182GT	WASHER,FLAT,5/8,F436,HRD,ZAG	20
13	128453GT	MOTOR,TURNTABLE,125CC***	1
		to Z30ND-1891	
13-	84312GT	SEAL KIT,ROTATE MOTOR	1
13B	1318714GT	MOTOR, TURNTABLE,125CC	1
		from Z30ND-1892	
14	824102GT	SCREW, SHC, 1/2-13 X 1.5, A574, ZAG	2
15	119111GT	ROTATOR TURNTABLE ASSEMBLY***	1
15-	128618GT	SEAL KIT***	
		for 119111	
15-	128565GT	SHIM KIT,TURNTABLE***	
		for 119111 (order snap ring separately)	
15-	139008GT	SNAP RING,INT,2.88 DIA***	
		for 119111	
15-	128621GT	BEARING,CUP***	
		for 119111	
15-	128622GT	BEARING,CONE***	
		for 119111	

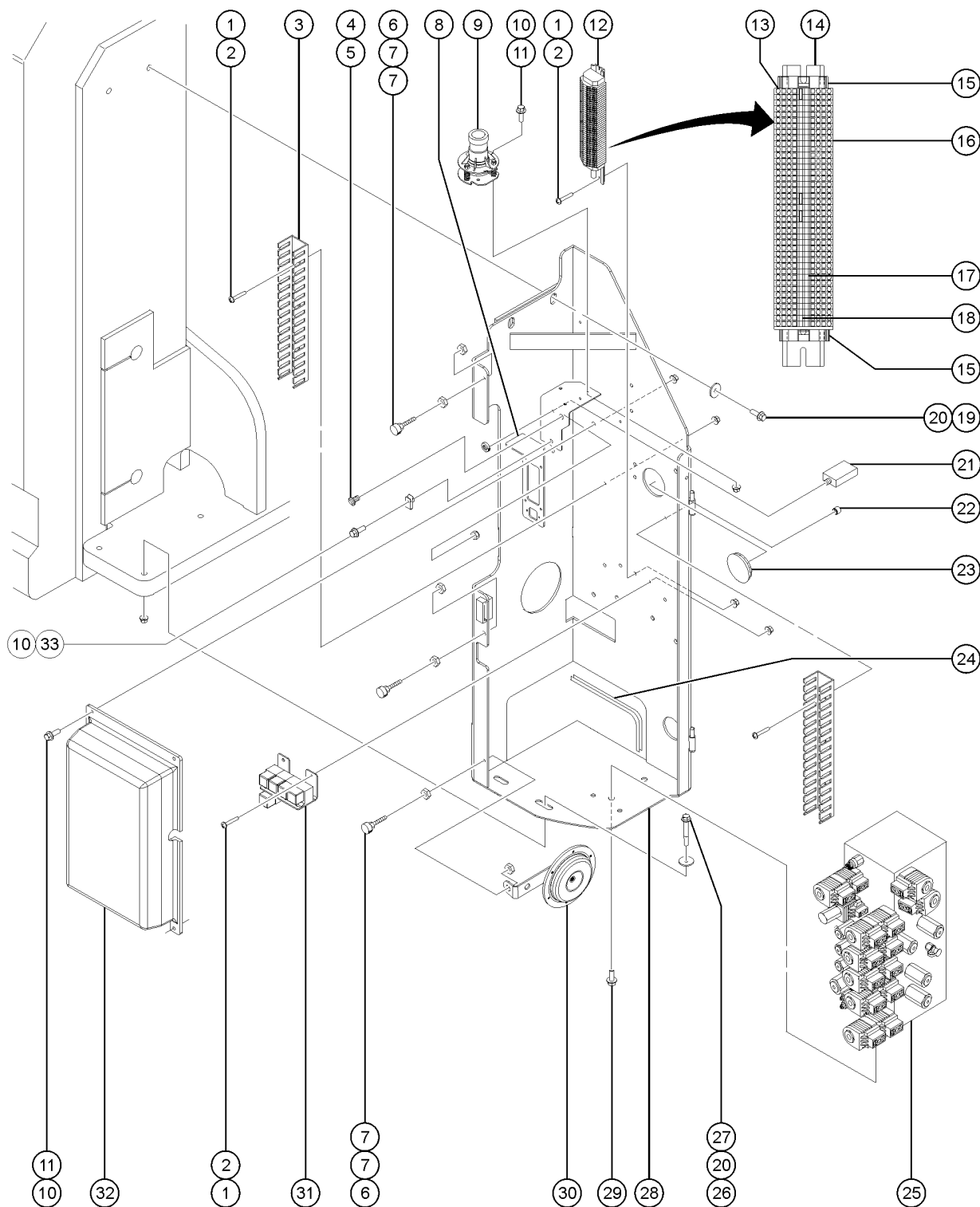
301.1 Turntable Rotator



301.1 Turntable Rotator

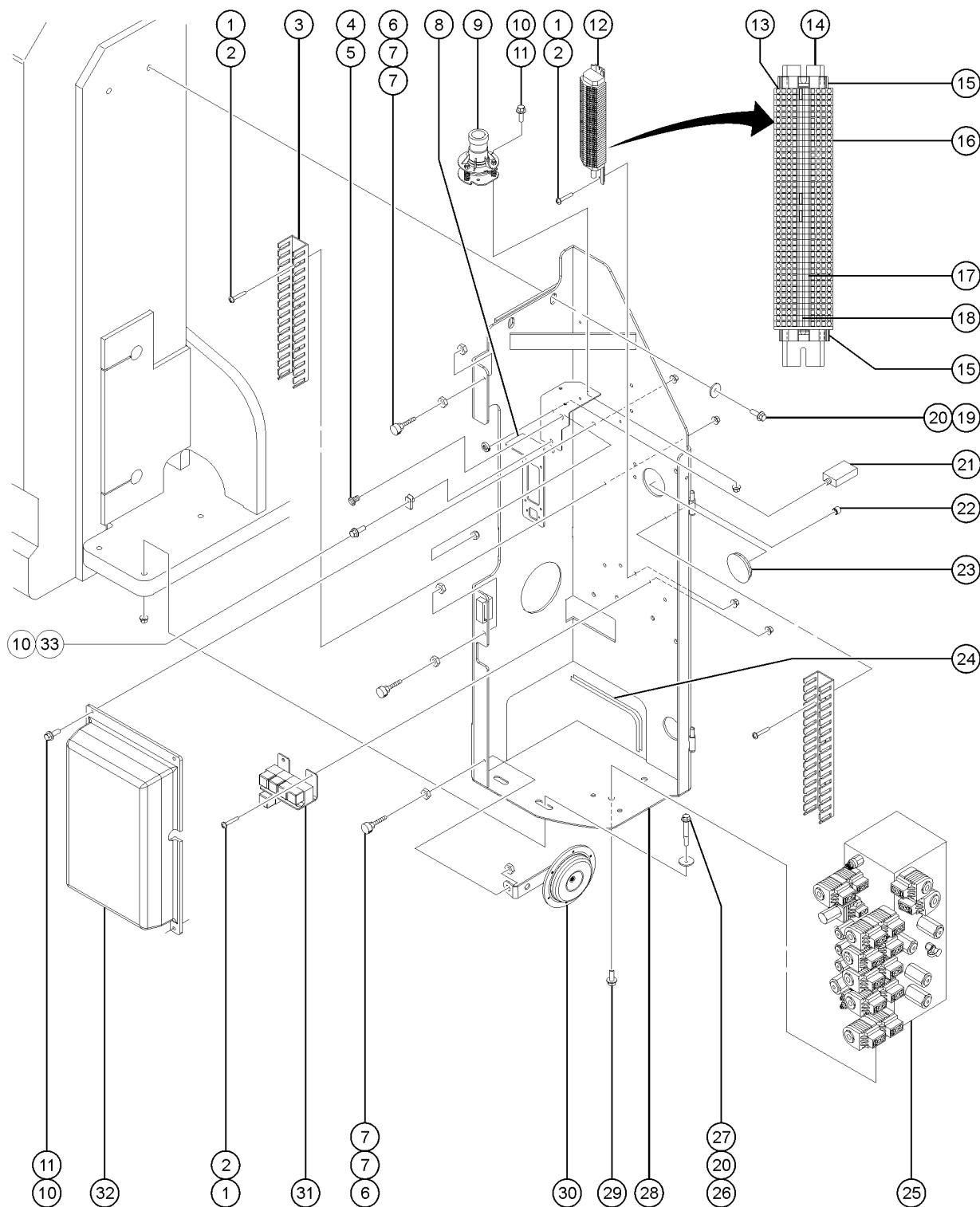
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
15-	128899GT	SHAFT,WORM GEAR*** for 119111	
15-	1284189GT	CASE COVER,ROTATOR,Z30/34 (119111) for 119111	
16	139866GT	SCREW,HHC,5/8-11X4.50GR8 PLAIN (to SN Z30N16F-17573)	12
16B	1263142GT	SCREW,HHC,5/8-11,4.5,8,ZAG (from SN Z30N16F-17574)	12
17	106959GT	GUIDE,HOSE	1
18	106960PGT	FORMING,HOSE LOCK,PAINTED US part number	1
18B	1281268GT	FORMING,HOSE LOCK,PAINTED, METRIC China part number	1
19	5397GT	WASHER,FLAT,USS,5/16",Y	1
20	824213GT	SPRING CLIP, 3/8-16, ZAG	1

302.1 Ground Controls Side



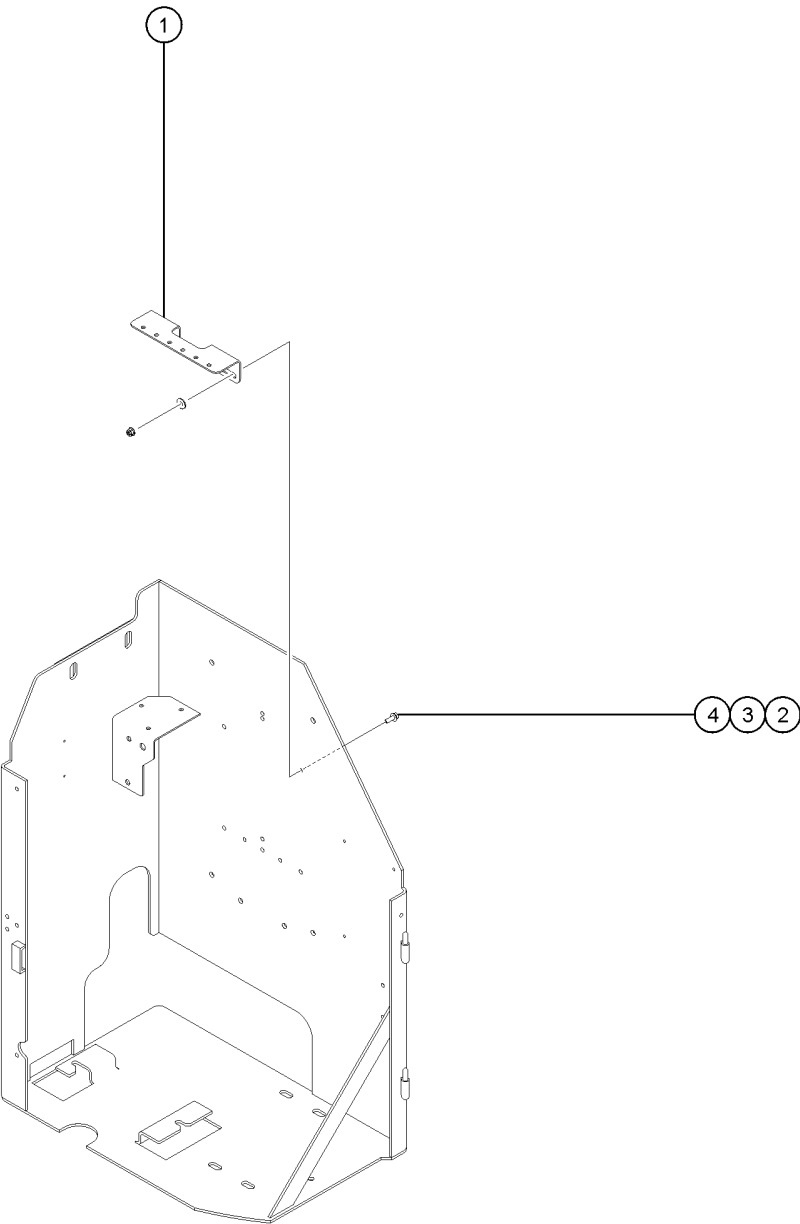
Item	Part No.	Description	Qty.
A-	74920GT	MARKING TAGS,# 1-10,WIELAND	
B-	74921GT	MARKING TAGS,# 11-20,WIELAND	
C-	74922GT	MARKING TAGS,# 21-30,WIELAND	
D-	74923GT	MARKING TAGS,# 31-40,WIELAND	
E-	74924GT	MARKING TAGS,# 41-50,WIELAND**	
F-	74925GT	MARKING TAGS,# 51-60,WIELAND	
1	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	8
2	824032GT	NUT, TL FLG, 10-32, F, ZAG	8
3	28298GT	WIRING DUCT, 1.5 X 1.5	2
3B	1262218GT	COVER, DUCT, WIRING	
4	824878GT	LIGHT,LED IND. RED 24V NH	1
5	814884GT	LOCKWASHER,LT IND. OD.868/530	1
6	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	3
7	824037GT	NUT, HH JAM, 1/4-20, A, ZAG	6
8	119618GT	FORMING,BRACKET	1
		US part number	
8B	1281269GT	FORMING,BRACKET, METRIC	1
		China part number	
9	94077GT	SENSOR,LEVEL 4.5 DEG	1
		ANSI models; white ring, to SN Z30D-288	
9B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5	1
		CE models; yellow ring, to SN Z30D-288	
9C	42439GT	SENSOR,LEVEL 3 DEG**	1
		AUS models; black ring, to SN Z30D-288	
9D	1261984GT	SENSOR, LEVEL, 4.5 X 4.5 DEG	1
		ANSI models; white ring, from SN Z30D-289	
9E	1263187GT	SENSOR, LEVEL,2.5 X 4.5 DEG	1
		CE models; yellow ring, from SN Z30D-289	
9F	1288895GT	SENSOR,LEVEL 3 DEG	1
		AUS models; black ring, from SN Z30D-289	
10	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	9
11	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	8
12	216788GT	ASSY,TERMINAL RAIL,Z30/34DC	
		ANSI to SN 16298; CE to SN 16278; includes items 13-16 and 18	
12B	1259574GT	TERMINAL RAIL, Z30/34DC	
		ANSI from SN 16299; CE from SN 16279; includes items 13-18	
13	216793GT	TERMINAL BLOCK END PLATE	1
14	56994GT	DIN RAIL,11.25"	

302.1 Ground Controls Side



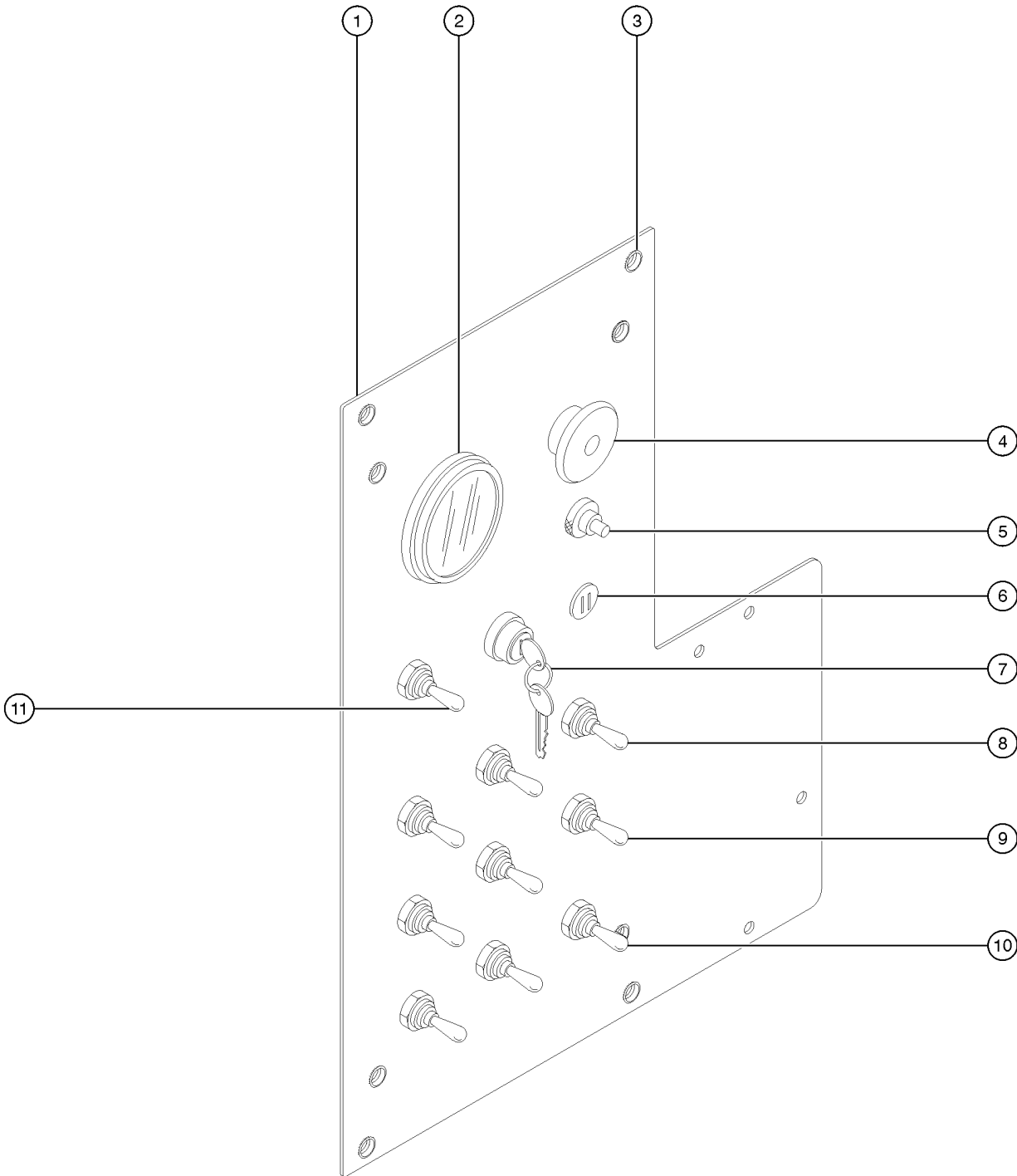
Item	Part No.	Description	Qty.
15	74913GT	END STOP, DIN RAIL,SCREW CLAMP	2
16	217046GT	KIT, TERMINAL BLOCK use if replacing a jumpered terminal block	
16B	216791GT	TERMINAL BLOCK,WIELAND	26
		to SN 16283	
16C	216791GT	TERMINAL BLOCK,WIELAND	28
		from SN 16284	
17	74918GT	JUMPER COMB, 3-WAY,WIELAND	1
		from SN 16284	
18	74917GT	JUMPER COMB, 2-WAY,WIELAND	3
19	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2
20	824120GT	WASHER, FLAT, .375 X 1.50 X .125, ZAG	4
21	147093GT	ASSY, CIRCUIT BREAKER 10A	1
		includes mounting fastener	
22	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
23	39640GT	PLUG,NYLON 2.50 BLACK DOMED	1
24	19018GT	TRIMLOCK,BLACK,5/32"	23
25		Ref. Function Manifold (refer to 701.1)	
26	824095GT	SCREW, HHF, 3/8-16 X 3, 8, ZAG	2
27	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
28	56875GT	WELD,COVER SUPPORT LH Z30N*	1
		US part number	
28B	1283366GT	WELD,COVER SUPPORT LH Z30N*, METRIC	1
		China part number	
29	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	2
30	1311282GT	HORN,24VDC,SPADE TERMINALS	1
31	56791GT	ANGLE RELAY MOUNTING	
31B	56302GT	RELAY,24VDC,40/30A,SEALED***	7
		to SN 16283	
31C	56302GT	RELAY,24VDC,40/30A,SEALED***	8
		from SN 16284	
31D	56318GT	BRACKET	1
31E	56319GT	EDC FEMALE CONNECTOR - 4 PRONG	
31F	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	
31G	824032GT	NUT, TL FLG, 10-32, F, ZAG	
32	110626GT	COVER,TERMINAL STRIP, CONN	1
33	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1

302.2 Ground Controls Side



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	1298550GT	BRACKET, RELAY MOUNT	1
2	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
3	824113GT	WASHER,FLAT,USS,1/4,ZAG	2
4	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2

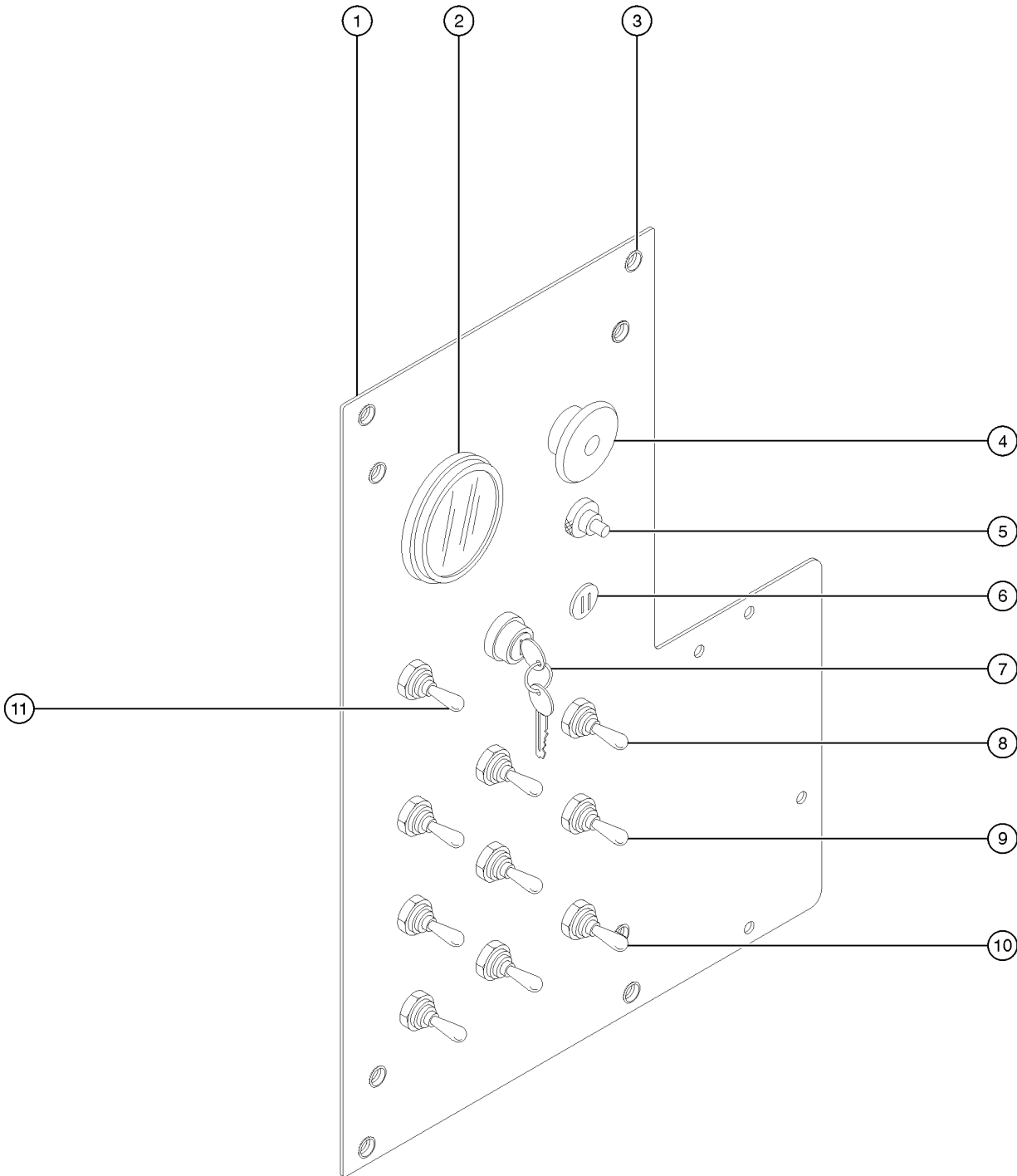
303.1 Ground Control Panel



303.1 Ground Control Panel

Item	Part No.	Description	Qty.
A-	56445GT	DIODE,6 AMP 200 PIV,REEL	
B-	37947GT	KEYS,10 PACK***	
1	94512GT	PANEL,GROUND CONTROL BOX*** US part number	
1B	1281264GT	PANEL,GROUND CONTROL BOX, METRIC China part number	
2	19506GT	HOUR METER, 10-80 VOLTS***	1
3	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
4	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
4-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
4-	66818GT	CONTACT,NC	2
4-	66821GT	BASE,WITHOUT CONTACTS	1
5	147093GT	ASSY, CIRCUIT BREAKER 10A includes jam nut	1
6	13511GT	RECEPTICAL,SNAP-IN (1450G1)*** receptacle for 13930GT	1
6B	13930GT	SWITCH ASSY,REMOTE BRAKE REL.	
7	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	1
7-	21982GT	KEY,SINGLE***	1
7-	83093GT	KEY SINGLE*** key with rubber boot	
7-	85239GT	RETAINER NUT (96008)***	
7-	88827GT	GASKET,KEYSWITCH,PLASTIC***	
7-	824218GT	SCREW,PHPM SEMS ET,8-32X.25,ZA	
8	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN includes mounting fasteners; Z-30/20NRJ models	1
8-	19268GT	DIODE ASSEMBLY	
8-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
8-	54692GT	SPACER,NYLON,.718 X .526 X.219	
9	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN includes mounting fasteners	7
9-	19268GT	DIODE ASSEMBLY	
9-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
9-	54692GT	SPACER,NYLON,.718 X .526 X.219	
10	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* includes mounting fasteners	1

303.1 Ground Control Panel

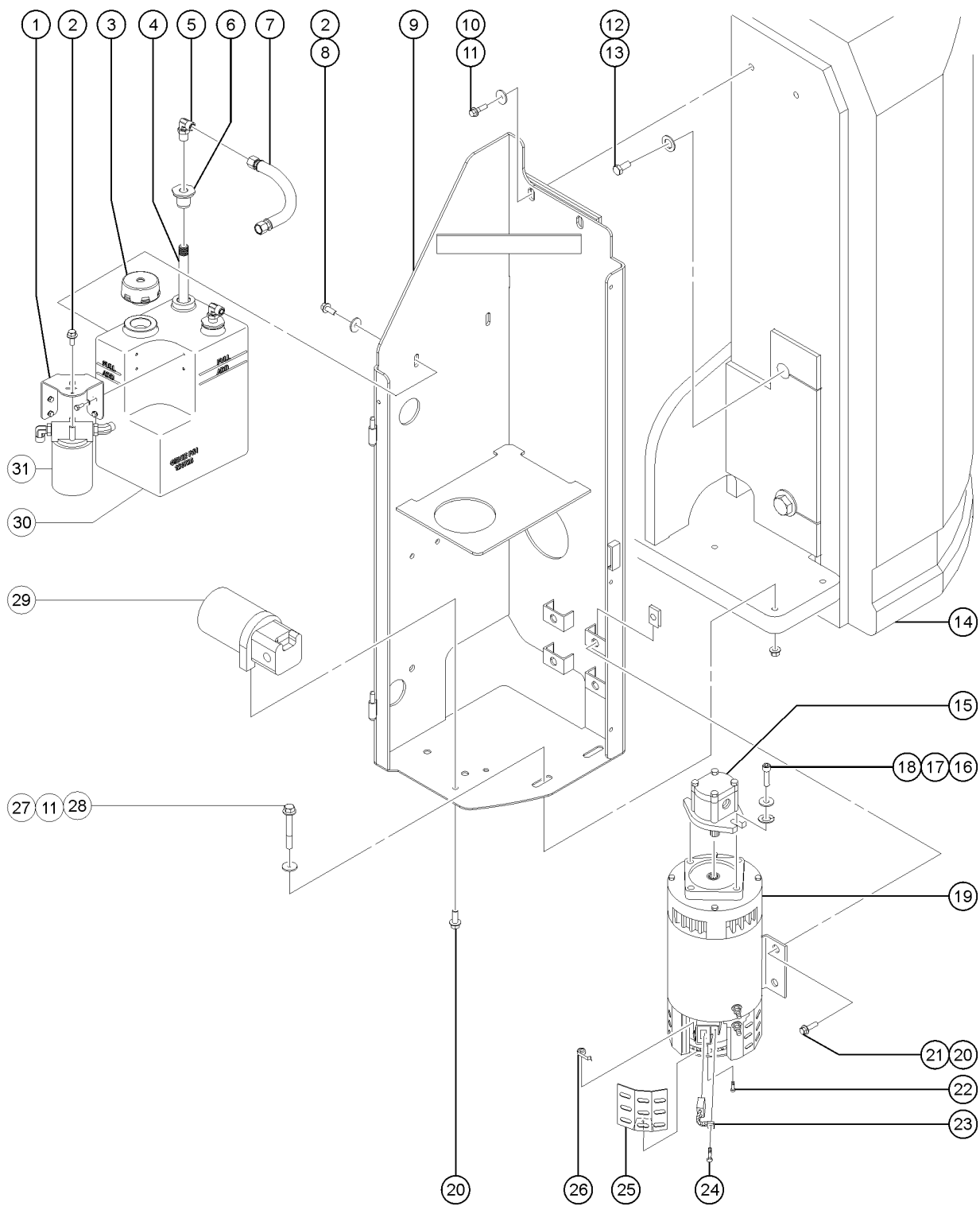


303.1 Ground Control Panel

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
10-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10-	54692GT	SPACER,NYLON,.718 X .526 X.219	
11	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN	1
		includes mounting fasteners	
11-	13471GT	COVER, AUXILIARY POWER SWITCH	
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
11-	54692GT	SPACER,NYLON,.718 X .526 X.219	

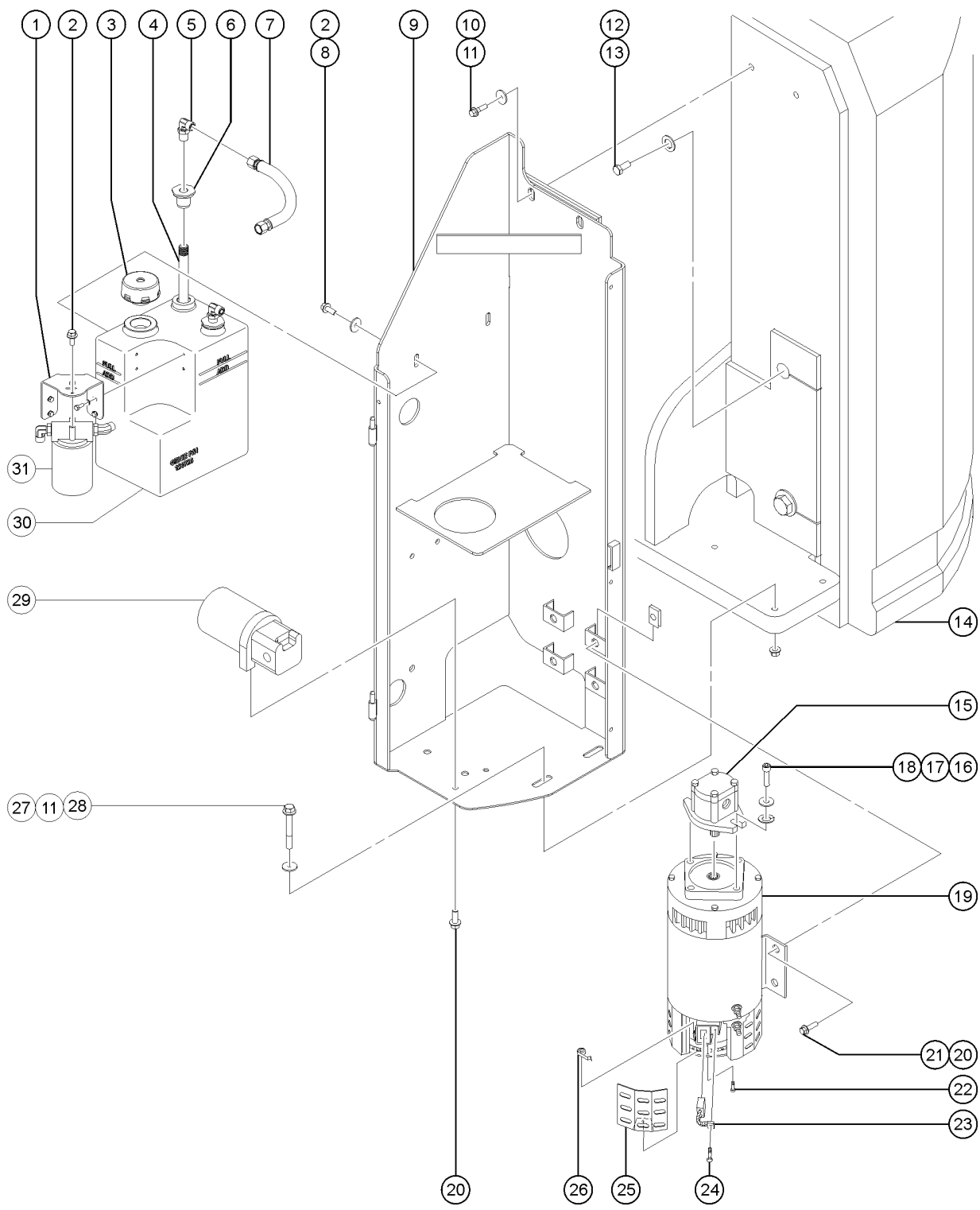


304.1 Power Unit Side



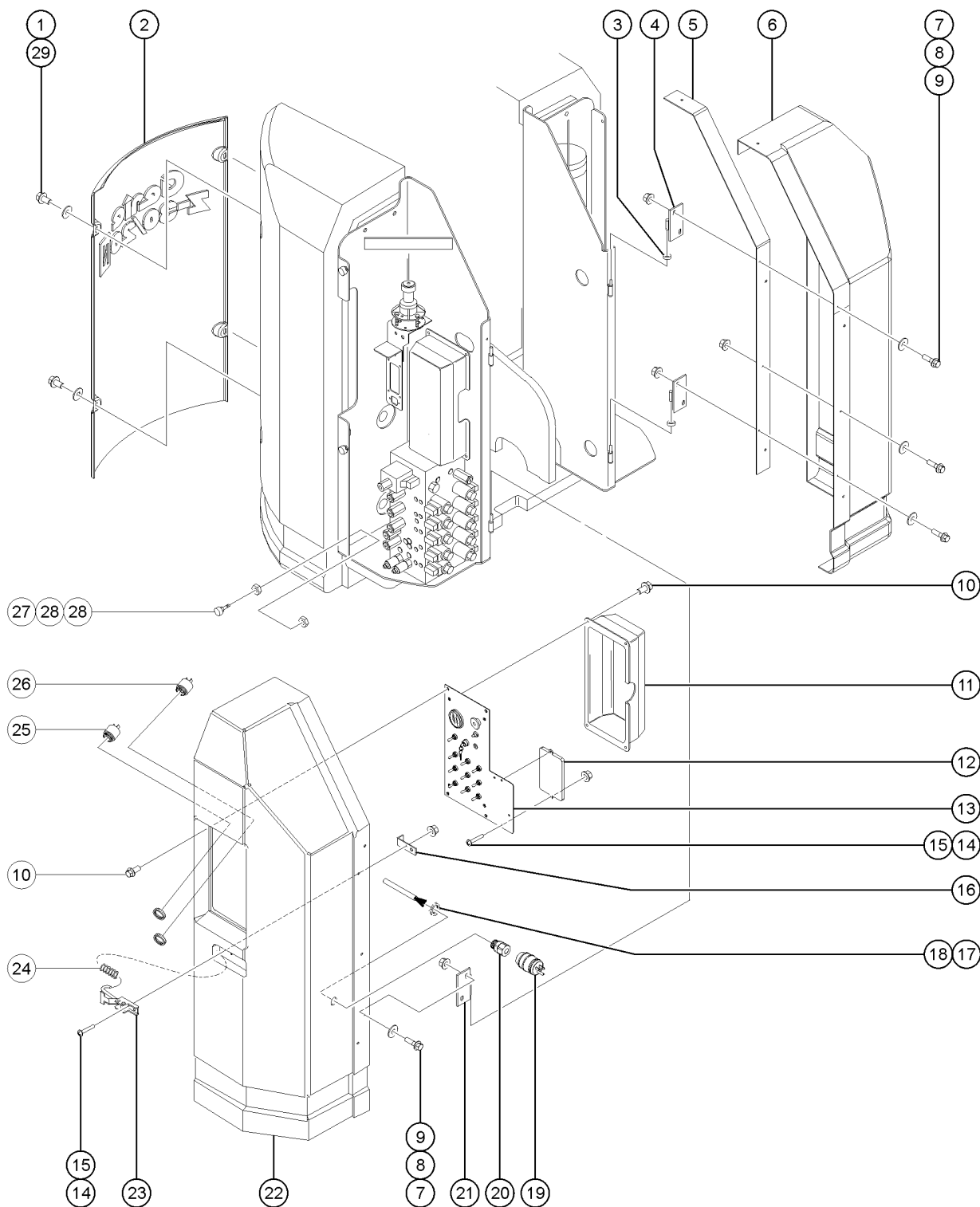
Item	Part No.	Description	Qty.
1	128808GT	BRACKET, RETURN FILTER US part number	1
1B	1281275GT	BRACKET, RETURN FILTER, METRIC China part number	1
2	824077GT	SCREW, HHF, 1/4-20 X .5, 8, ZAG	
3	42019GT	TANK BREATHER, NYLON **	1
4	128818GT	TUBE, HYDRAULIC TANK	2
5	128811GT	ELBOW, 90D, 520201-8	2
6	39223GT	BULKHEAD FITTING, PLASTIC X 8**	2
7	81812-1188GT	ASSY, HOSE, HYD, -8, 2500, STR, STR	1
8	824119GT	WASHER, FLAT, .25X1.25X.062, ZAG	2
9	94428GT	WELDMENT, COVER SUPPORT RH*** US part number	
9B	1283371GT	WELDMENT, COVER SUPPORT RH, METRIC China part number	
10	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2
11	824120GT	WASHER, FLAT, .375 X 1.50 X .125, ZAG	4
12	824074GT	SCREW, HHC, 1-8X3, 8, ZAG	2
13	824116GT	WASHER, FLAT, 1.0, F436, HRD, ZAG	2
14	36086GT	COUNTERWEIGHT, Z30N cast iron; 5330 pounds	1
15	1295585GT	PUMP, LIFT, 3CC, CCW	1
15-	77990GT	KIT, SEAL, 3CC PUMP***	
16	824100GT	SCREW, SHC, 3/8-24X1.25, A574, ZAG	2
17	824110GT	WASHER, LOCK, 3/8, ZAG	2
18	825358GT	WASHER, FLAT, 5/16, USS, ZAG	2
19	48504GT	MOTOR, FUNCTION, 48V DC (US part number)	1
19-	44778GT	BEARING, MOTOR, 36843, BRUSH END* drive end	1
19-	44777GT	BEARING, MOTOR commutator end	
19-	52915GT	BRUSH LEAD ASSEMBLY KIT (48504)	
19-	58933GT	BRUSH SPRING SET	
19-	58934GT	BRUSH BOX ASSEMBLY	
19B	1263609GT	MOTOR, FUNCTION, 48V DC, XINYU (China part number)	1

304.1 Power Unit Side



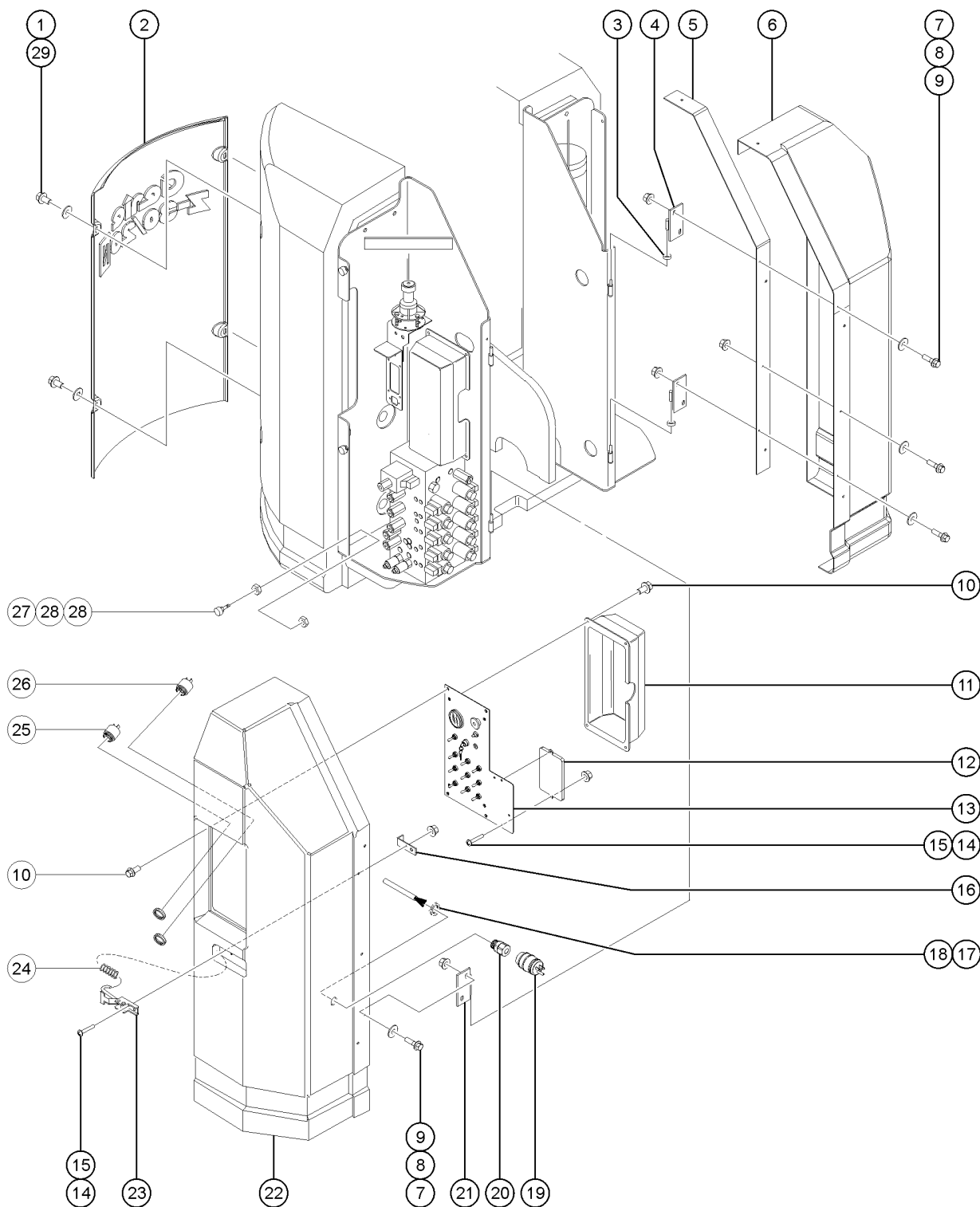
Item	Part No.	Description	Qty.
20	824085GT	SCREW, HHF, 5/16-18 X .75, 8, ZAG	6
21	36456GT	SPRING CLIP, 5/16-18, .025-.15X.83, ZAG	4
22	52914GT	SCREW, HHTAPTITE THREAD 8-32X.38	
23	58932GT	BRUSH SET 4 EA	1
24	52913GT	SCREW, HH TAPETITE THRD 8-32X.50	
25	58936GT	BRUSH COVER -PLATE-(48504)*	
26	58933GT	BRUSH SPRING SET	
27	824095GT	SCREW, HHF, 3/8-16 X 3, 8, ZAG	2
28	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
29	36179GT	POWER UNIT, AUX PUMP 24VDC (to SN Z30ND-1749), Part 37185GT is no longer backwards compatible with 37184GT. Order complete Aux Pump 36179GT	1
29-	37184GT	MOTOR, 24V (36179)	
		(to SN Z30ND-1749)	
29-	37185GT	PUMP ASSEMBLY (36179)	
		(to SN Z30ND-1749)	
29-	37186GT	VALVE, CHECK (36179)	
		(to SN Z30ND-1749)	
29-	37187GT	SEAL KIT, 37185 PUMP	
		(to SN Z30ND-1749)	
29-	37191GT	GASKET, PUMP / MOTOR (36179)	
		(to SN Z30ND-1749)	
29-	37192GT	COUPLER, PUMP / MOTOR (36179)	
		(to SN Z30ND-1749)	
29B	1309537GT	POWER UNIT, AUX PUMP, 24VDC	1
		(from SN Z30ND-1750)	
30	128728GT	HYDRAULIC TANK, Z30N	1
31	78622GT	FILTER ASSY, SAE8, 10 MIC, PAPR**	1
31-	44788GT	FILTER ELEMENT-10MICRON, PAPER*	

305.1 Turntable Covers



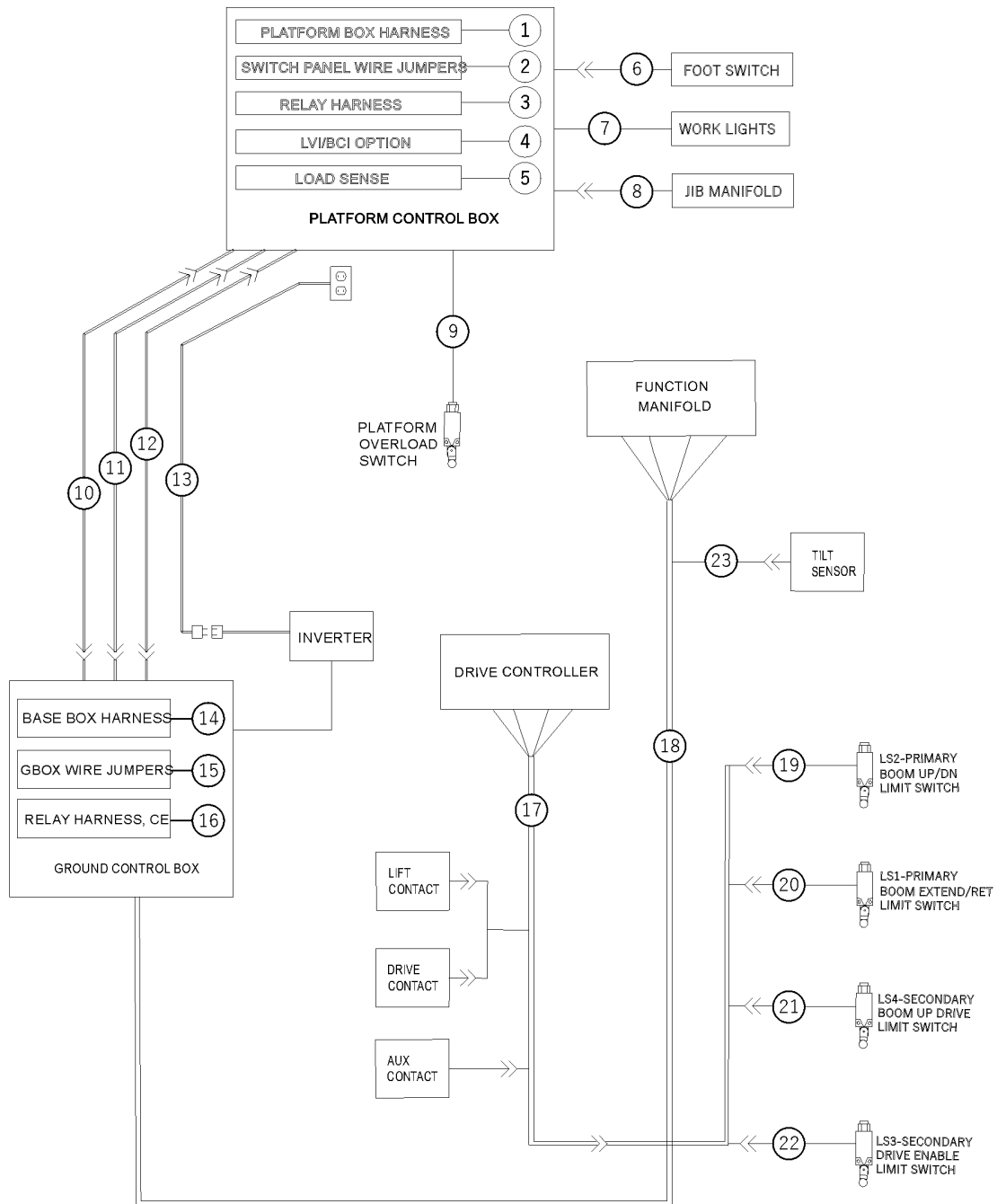
Item	Part No.	Description	Qty.
1	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	4
2	58108GT	COVER W/DECALS,COUNTERWEIGHT**	1
3	36457GT	WASHER,THRUST,.313 X .50 X .10	
4	36414GT	HINGE,WELD.,COVER,PUMP GRY/BLU	2
		US part number	
4B	1281281GT	HINGE,WELD.,COVER,PUMP GRY/BLU, METRIC	2
		China part number	
5	36391GT	BRACE,RIGHT HINGE	1
		US part number	
5B	1281279GT	BRACE,RIGHT HINGE, METRIC	1
		China part number	
6	101969GT	COVER ASSY W/DECAL,PUMP SIDE	
		includes items 14-16 and 23-24	
6B	101970GT	COVER ASSY W/SYM DCAL,PUMP SID	
		includes items 14-16 and 23-24	
7	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	10
8	824119GT	WASHER,FLAT,.25X1.25X.062,ZAG	10
9	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	10
10	824077GT	SCREW, HHF, 1/4-20 X .5, 8, ZAG	8
11	36257GT	COVER,CONTROL PANEL	1
12	128045GT	MODULE,LOAD SENSE 2007	1
13		Ref. Ground Control Panel (refer to 303.1)	
14	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	6
15	824032GT	NUT, TL FLG, 10-32, F, ZAG	6
16	36570GT	BRACKET,COVER LATCH	2
		US part number	
16B	1281342GT	BRACKET,COVER LATCH, METRIC	2
		China part number	
17	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
18	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	
19	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
19B	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
19C	144161GT	PLUG,POWER,UK,16AMP,3PIN	
19D	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
19E	1280665GT	PLUG, TYPE F, 230V, 50HZ, 16A, IP44	
		EU plug	
20	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1

305.1 Turntable Covers



Item	Part No.	Description	Qty.
21	36415GT	HINGE,WELD,COVER,CTRLS GRY/BLU US part number	2
21B	1281282GT	HINGE,WELD,COVER,CTRLS GRY/BLU, METRIC China part number	2
22	101967GT	COVER ASSY W/DECAL,GRND CTRL ANSI/CSA/AUS; includes items 14-16 and 23-24	
22A-	36392GT	BRACE,LEFT HINGE US part number	
22A-	1281280GT	BRACE,LEFT HINGE, METRIC China part number	
22B	101968GT	COVER ASSY W/SYM DCAL,GC SIDE CE/Asia/S. America; includes items 14-16 and 23-24	
22B-	36392GT	BRACE,LEFT HINGE China part number	
22B-	1281280GT	BRACE,LEFT HINGE, METRIC China part number	
23	36575GT	LATCH,ADJUSTABLE DRAW 2	
24	36574GT	SPRING,EXTENSION,.36 X 1.25 2	
25	18963GT	ALARM,INTERMITTENT TONE 6-30V* 1 travel alarm does not include nut	
25-	72326GT	NUT - PLASTIC,RING FOR ALARMS	
26	45462GT	ALARM,CHIME TONE 5-25VDC*** 1 descent alarm does not include nut	
26-	72326GT	NUT - PLASTIC,RING FOR ALARMS	
27	36388GT	BUMPER,RUBBER,.75 X .50H,STUD 3	
28	824037GT	NUT, HH JAM, 1/4-20, A, ZAG 6	
29	1255758GT	WASHER,FLAT,3/8,USS,ZAG 4	

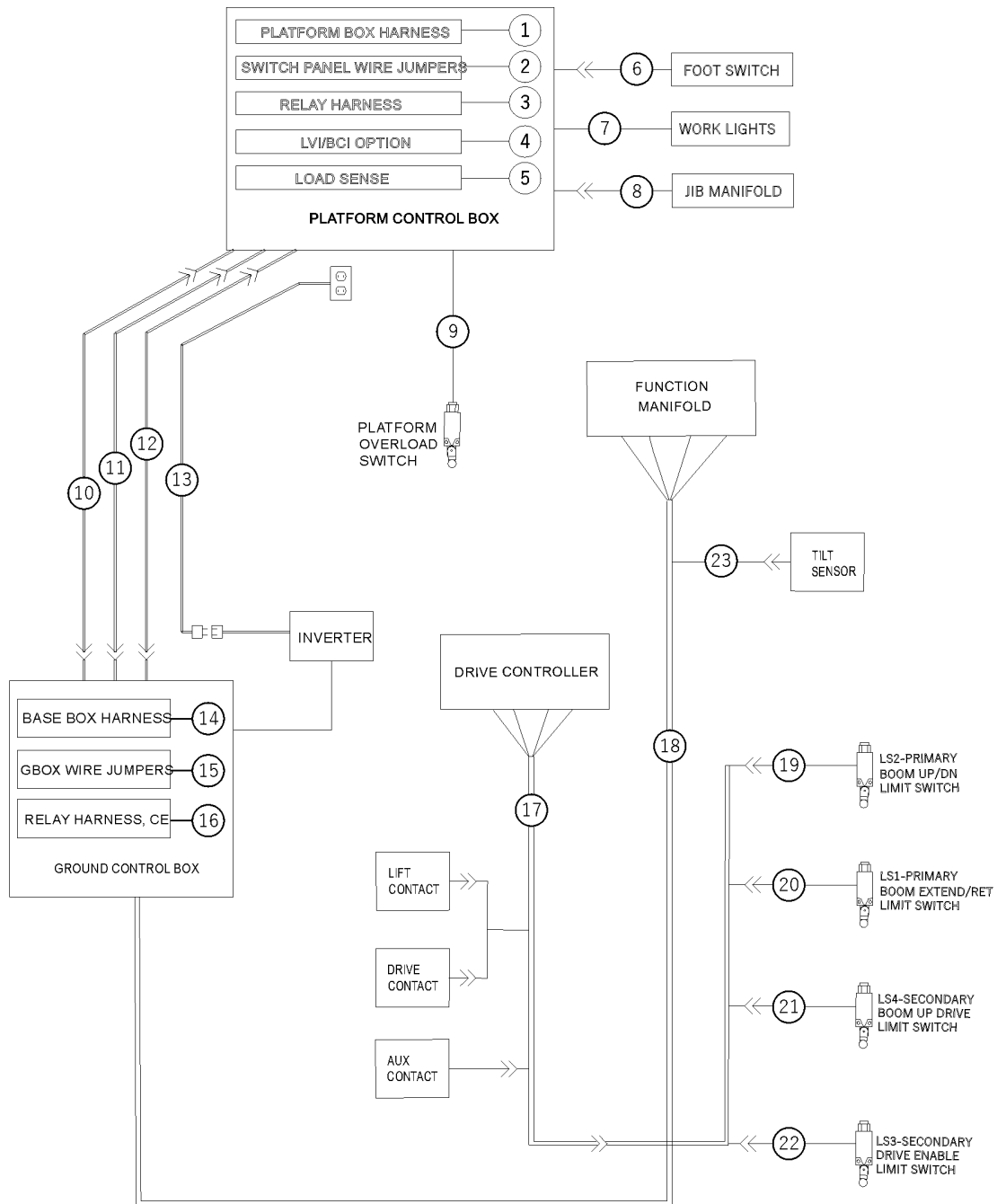
306.1 Wire Harness Diagram



306.1 Wire Harness Diagram

Item	Part No.	Description	Qty.
A	58253GT	KIT,REPAIR,DEUTSCH PLUG,W/TUBE (small kit)	
B	83129GT	CONNECTOR KIT,DEUTSCH*** (large kit)	
C	61794GT	CRIMPER,DEUTSCH,LIGHT DUTY*** (tool)	
D	1264822GT	KIT, TRC RETROFIT, STNDRD Telematics (includes 1264834)	
D-	1264834GT	INSTRN, TRC RETROFIT, STNDRD	
1	237503GT	HARNESS,PLAT BOX,Z30/34DC ANSI, (to SN Z30ND-1399)	1
1B	1260928GT	HARNESS,BASE BOX, RELAY, CE	1
2	822872GT	HARNESS,PBOX JUMPER,Z30/34DC	1
3	1260887GT	HARNESS, RELAY, PBOX, CE CE	1
4	119133GT	HARN LVI/BCI ENGAGE II Z34DC	1
5	218602GT	HARNESS,LOAD SENSE RECOVERY CE	1
6	227620GT	ASSEMBLY,FOOT SWITCH	1
7	823942GT	OPTION,WORK LIGHTS,48V	1
8	139584GT	HARNESS,JIB MANIFOLD,NON RJ models without rotating jib	1
8B	139585GT	HARNESS, JIB MANIFOLD, RJ models with rotating jib	1
9	121848GT	ASSY,LS,LOAD SENSE,38.5 IN CE	1
10	110239GT	HARNESS CABLE3 18/19 COND. black and gray connectors	1
11	110243GT	HARNESS CABLE1 18/19 COND. green and brown connectors	1
12	110235GT	HARNESS CABLE2 12/3 COND.	1
13	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT* inverter option	564
14	1259575GT	HARNESS, BASE CONTROL BOX ANSI, (to SN Z30ND-758)	1
14C	1297677GT	HARNESS,GBOX,Z30/34N,ANSI ANSI, (from SN Z30ND-1400)	1
14D	1260639GT	HARNESS, GBOX, CE CE, (to SN Z30ND-758)	1
14E	1292312GT	HARNESS,GBOX,CE Z30/34DC CE, (from SN Z30ND-759 to SN Z30ND-1399)	1
14F	1298942GT	HARNESS,GBOX,Z30/34DC,CE CE, (from SN Z30ND-1400)	1
15	110242GT	HARNESS, GBOX WIRE JUMPER	1
16	1260643GT	HARNESS,BASE BOX, RELAY, CE CE	1
17	822704GT	HARNESS, DRIVE CHASSIS, DC	1

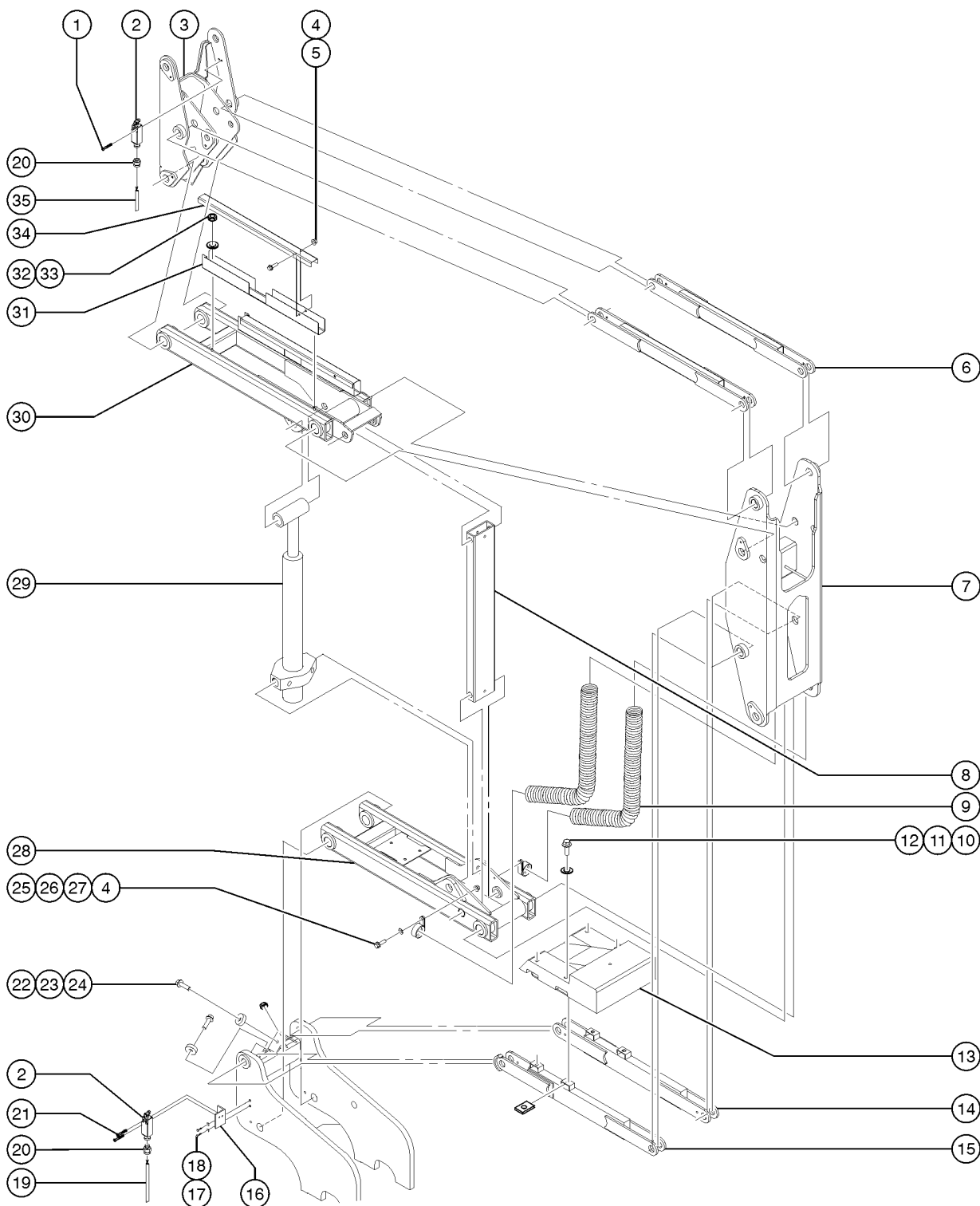
306.1 Wire Harness Diagram



306.1 Wire Harness Diagram

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
18	110249GT	HARNESS,FUNC. MAN.,Z30/34DC (to Z30ND-1815)	1
18B	1295168GT	HARNESS,FUNC. MAN.,Z30/34DC W/ DT CONN (from Z30ND-1816)	
19	110639GT	HARNESS LS2 OP PRIMARY	1
20	110638GT	HARNESS LS1 OP EXT/RET	1
21	110246GT	HARNESS LS4 OP SECONDARY	1
22	110637GT	HARNESS LS3 OP DRIVE ENABLE	1
23	1261845GT	HARNESS,TILT 24V,CSA PROD CSA models (from Z3015-16759)	1

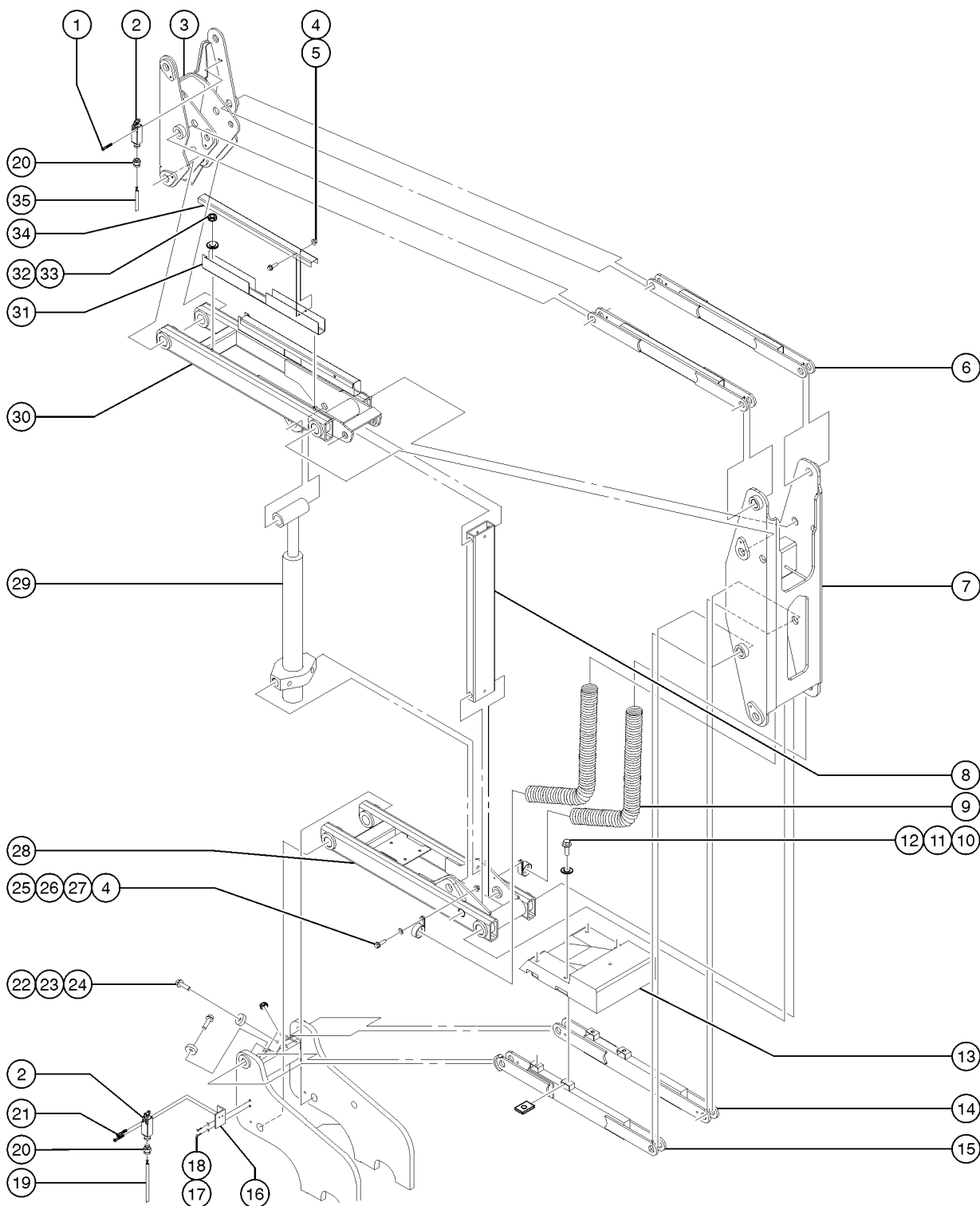
401.1 Secondary Boom - View 1



401.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
1	824219GT	SCREW,PHPM SEMS ET,8-32X1.25,Z to SN Z30N16F-17342	2
1B	1261606GT	SCREW,PHPM,8-32X1.75,ZAG from SN Z30N16F-17343	2
1C	1255803GT	NUT,TL FLG,8-32,F,ZAG from SN Z30N16F-17343	2
2	110246GT	HARNESS LS4 OP SECONDARY	
2-	88356-116R5GT	SWITCH,LIMIT,W/ROLLER ARM	1
2-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
2-	106428GT	LS STL ROLLER PLUNGER (ZCE02)	
2-	106429GT	LS METAL END PLUNGER (ZCE10)	
2-	106434GT	LS BLUE PLASTIC BODY (XCKP)	
2-	19491GT	CONTACTOR,LIMIT SWITCH	
2-	76450GT	CONN.SQZ,PG 11,.07-.26,W/ORING	
2-	97128GT	ROLLER ARM,LIMIT SWITCH***	
2-	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	101
3	40447GT	UPPER MIDPIVOT ASSY,Z34 & Z34N	1
4	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	3
5	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
6	74945GT	COMPRESSION ARM WLDMT 38.50 ** US part number	2
6B	1282071GT	COMPRESSION ARM WLDMT, METRIC China part number	2
7	40446GT	LOWER MIDPIVOT ASSY,Z34 & Z34N*	1
8	74232-SGT	CONNECTING LINK 30N&34 PAINTED US part number	1
8B	1282063GT	CONNECTING LINK Z30N & Z34***, METRIC China part number	1
9	42939-18700GT	WIRE LOOM,1.88 DIA. (187 inches long)	1
10	824095GT	SCREW, HHF, 3/8-16 X 3, 8, ZAG	4
11	824120GT	WASHER, FLAT, .375 X 1.50 X .125, ZAG	4
12	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
13	36620GT	COUNTERWEIGHT,CAST,400 LBS.	1
14	94425GT	COMP ARM WELD LOWER, RIGHT*** US part number	1
14B	1283375GT	WDMT, ENGINE COMPARTMENT, METRIC China part number	1

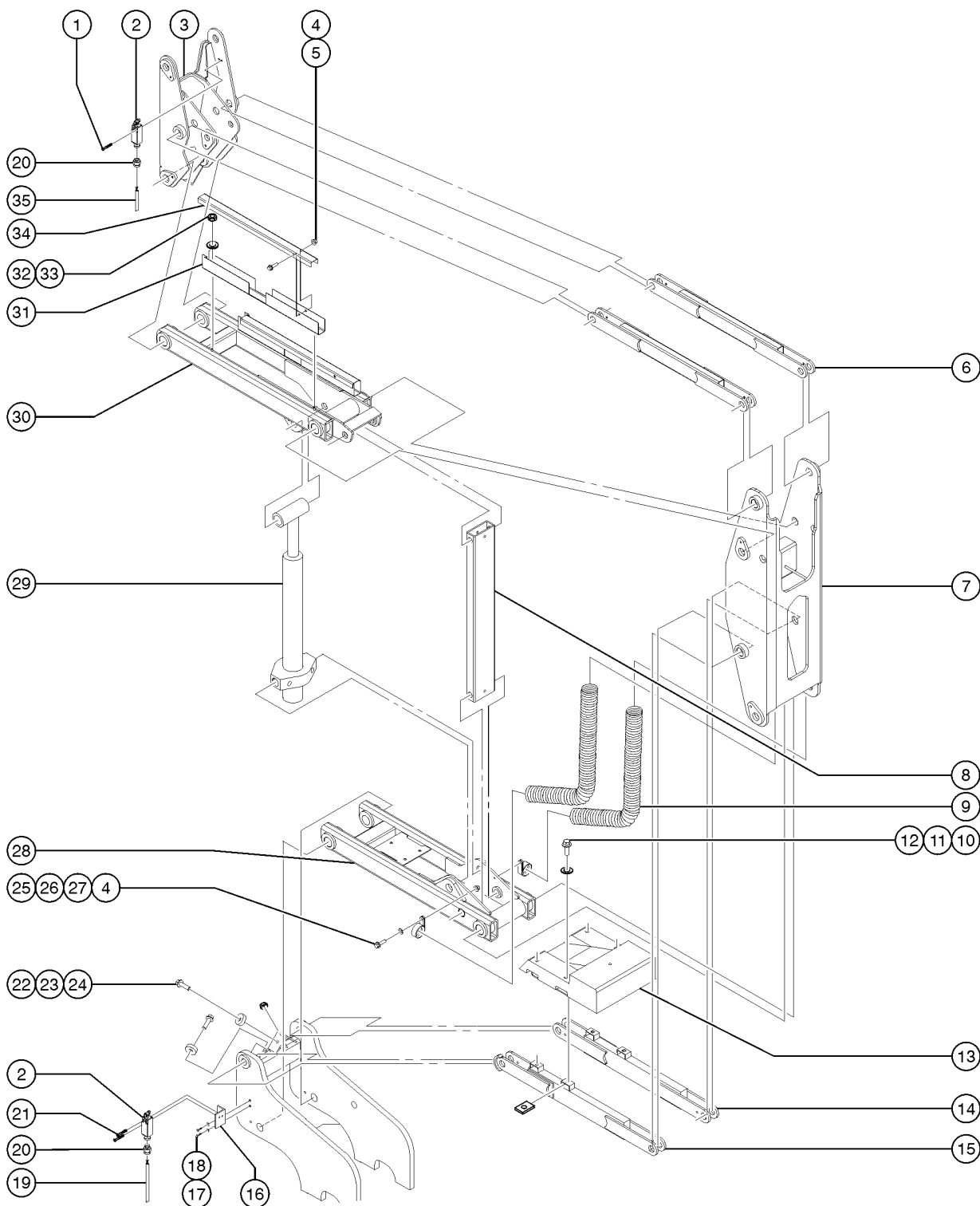
401.1 Secondary Boom - View 1



401.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
15	128634GT	WELDMENT, LWR COMPRESION ARM US part number	1
15B	1282047GT	WELDMENT, LWR COMPRESION ARM, METRIC China part number	1
16	42413GT	ANGLE, SWITCH MOUNT*** US part number	1
16B	1281284GT	ANGLE, SWITCH MOUNT***, METRIC China part number	1
17	824059GT	SCREW, HHC, 1/4-20 X .75, 8, ZAG	2
18	824109GT	WASHER, LOCK, 1/4, ZAG	2
19	56051GT	WIRE CABLE, 16/2, WHT/BLK, SJEOW	72
20	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50, SM	2
21	824223GT	SCREW, PHPM SEMS ET, 10-32X1.25,	2
22	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2
23	74085GT	REST PAD, UPPER PIVOT Z30N	2
24	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
25	824079GT	SCREW, HHF, 1/4-20X1, 8, ZAG	2
26	824113GT	WASHER, FLAT, USS, 1/4, ZAG	2
27	1288080GT	CLAMP, RUBBER CUSHIONED-2 5/32	2
28	37127GT	LOWER SECONDARY BOOM ASSEMBLY*	1
28B	42610PGT	HOSE TRACK, LOWER ARM Z30N not shown	
28C	42611GT	HOSE TRACK COVER, LOWER ARM not shown	
29	101349GT	CYLINDER, ELEVATE, Z30N	1
29-	94254GT	SEAL KIT, 94211, 94254, 101349	
29-	31106GT	VALVE, CINTERBAL, CBBB-LHN@3000**	
30	74334GT	UPPER SECONDARY BOOM ASSEMBLY*	1
31	74271GT	HOSE TRACK, UPPER***	1
32	824040GT	NUT, ACORN, 3/8-16, ZAG to SN 19093	4
32B	1274322GT	NUT, NYLOCK FLG, 3/8-16, F, ZAG from SN 19094	
33	824122GT	WASHER, FLAT, .375 X 1.25 X .062, ZAG to SN 19093	4
33B	825353GT	WASHER, FLAT, 1/2, SAE, HRD, ZAG from SN 19094	
34	42609GT	HOSE TRACK COVER, UPPER ARM US part number	1

401.1 Secondary Boom - View 1

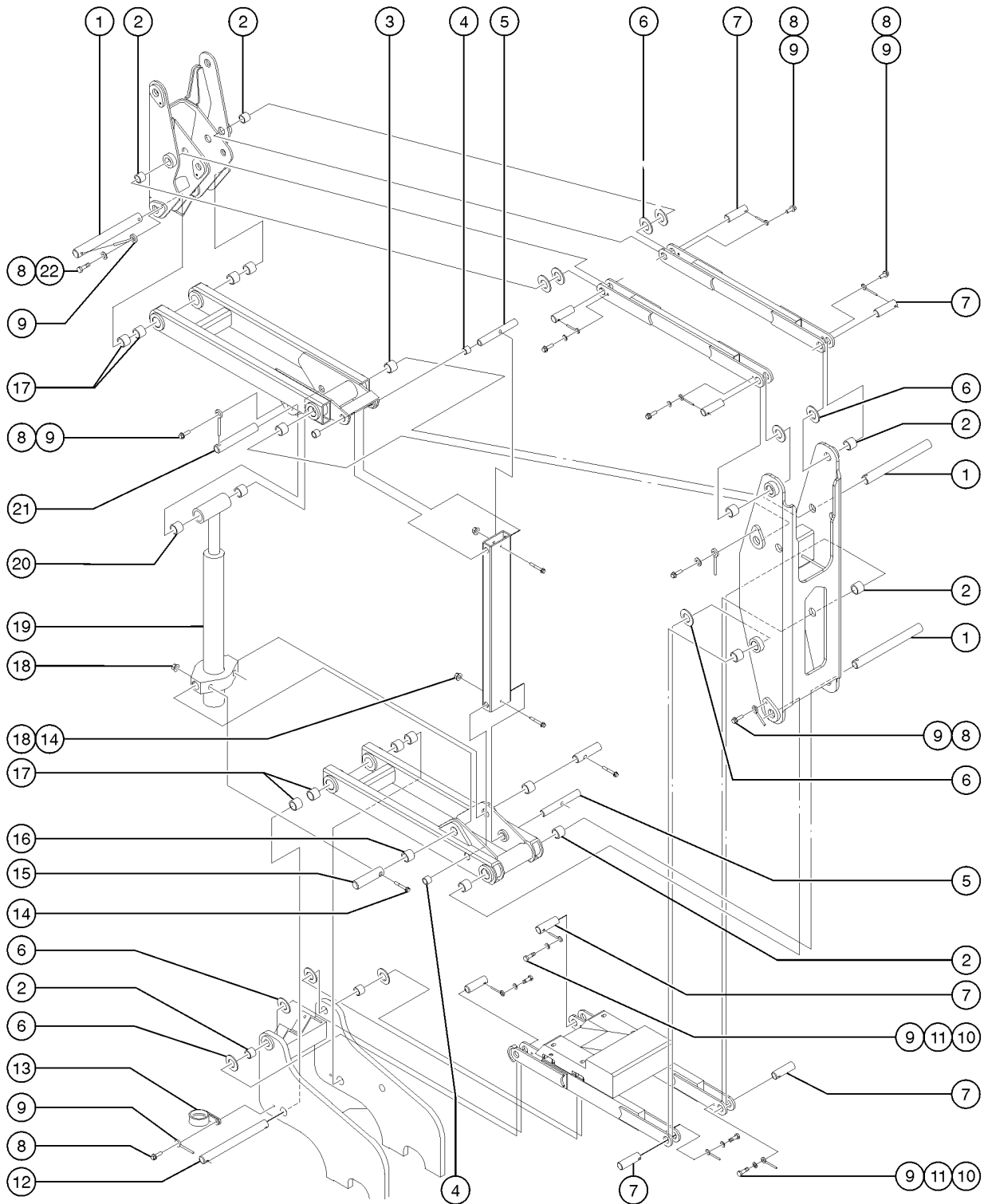


401.1 Secondary Boom - View 1

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
34B	1281285GT	HOSE TRACK COVER,UPPER ARM, METRIC China part number	1
35	44133GT	WIRE CABLE,16/4 CON.TPE JKT*	184



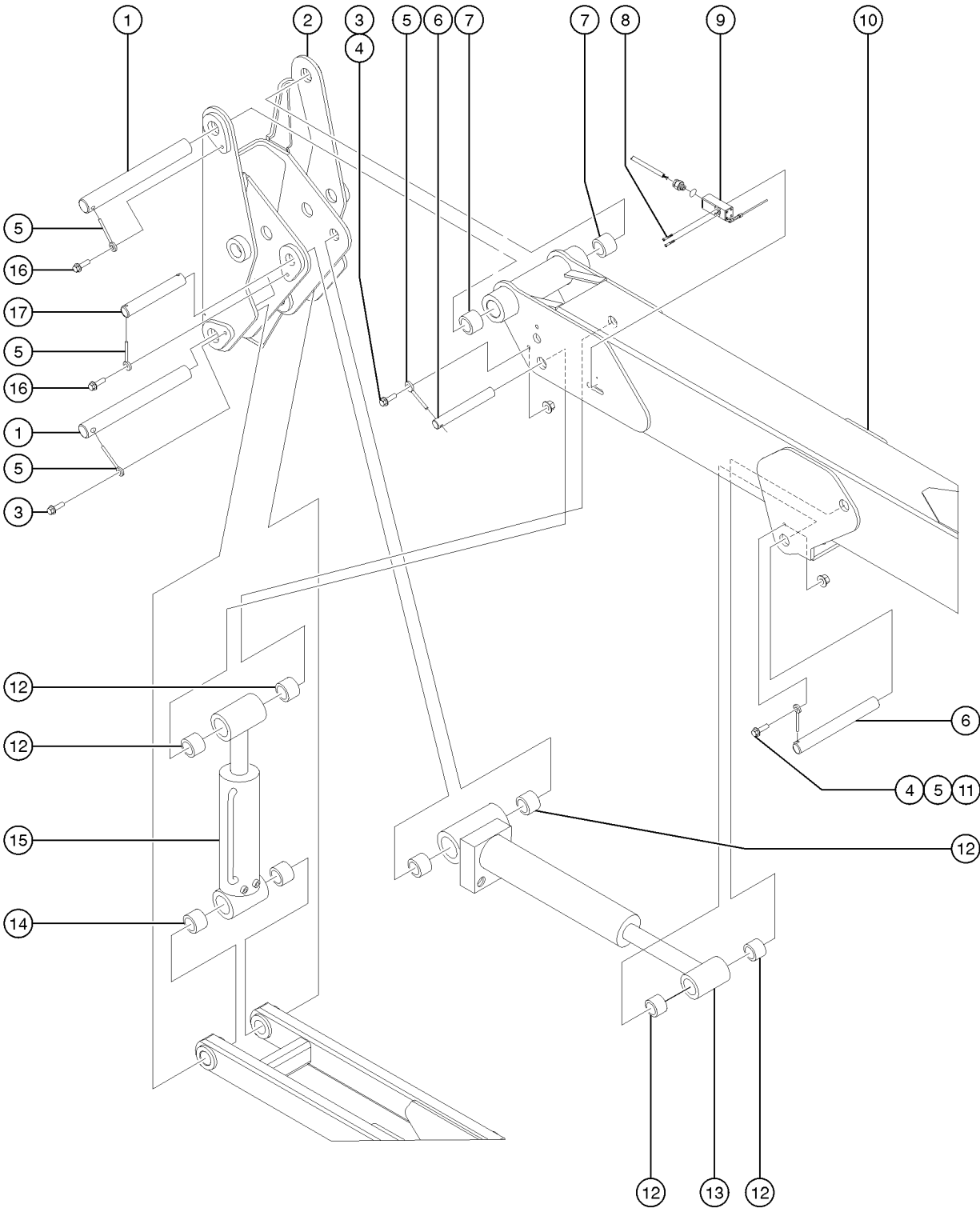
402.1 Secondary Boom - View 2



402.1 Secondary Boom - View 2

Item	Part No.	Description	Qty.
-	107935GT	KIT, SWING HOSE CLAMP, FIELD includes 106959GT, 106960PGT, 107933GT, 107934, and instructions 110148GT	
1	36194GT	PIN, 1.50 DIA X 15.13 LG, 1 HOLE	3
2	34245GT	BEARING, 1.25 ID X 1.50 X 1.25 L	10
3	45071GT	BEARING, 1.5 ID X 1.75 O D X 1.5 L	2
4	36245GT	BEARING, FL, 1.00 ID X 1.25 O D X 0.84 L	4
5	36202GT	PIN, 1.00 DIA X 7.25 LG, 1 HOLE	2
6	824151GT	WASHER, SHIM, 1.270 X 2.130 X .062, Z	8
7	36390GT	PIN, 1.25 DIA X 3.63 LG, THREADED	8
8	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	9
9	825019GT	ROD END, .375 X 3.69, ZAG	3
10	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	4
11	824110GT	WASHER, LOCK, 3/8, ZAG	4
12	36389GT	PIN, 1.50 DIA X 16.13 LG, 1 HOLE	1
13	1288080GT	CLAMP, RUBBER CUSHIONED-2 5/32	1
14	824094GT	SCREW, HHF, 3/8-16 X 2.75, 8, ZAG	4
15	36205GT	PIN, 1.25 DIA X 3.00 LG, THREADED	2
16	36246GT	BEARING, FL, 1.25 ID X 1.50 O D X 1.09 L	2
17	18396GT	BEARING, 1.5 ID X 1.75 O D X 1.0 L	4
18	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	4
19		Ref. Elevate Cylinder (refer to 401.1)	
20	25683GT	BEARING, POLYGON, 20 DU 12	2
21	74089GT	PIN, 1.25 DIA X 9.63 LG, 1 HOLE	2
22	825358GT	WASHER, FLAT, 5/16, USS, ZAG	1

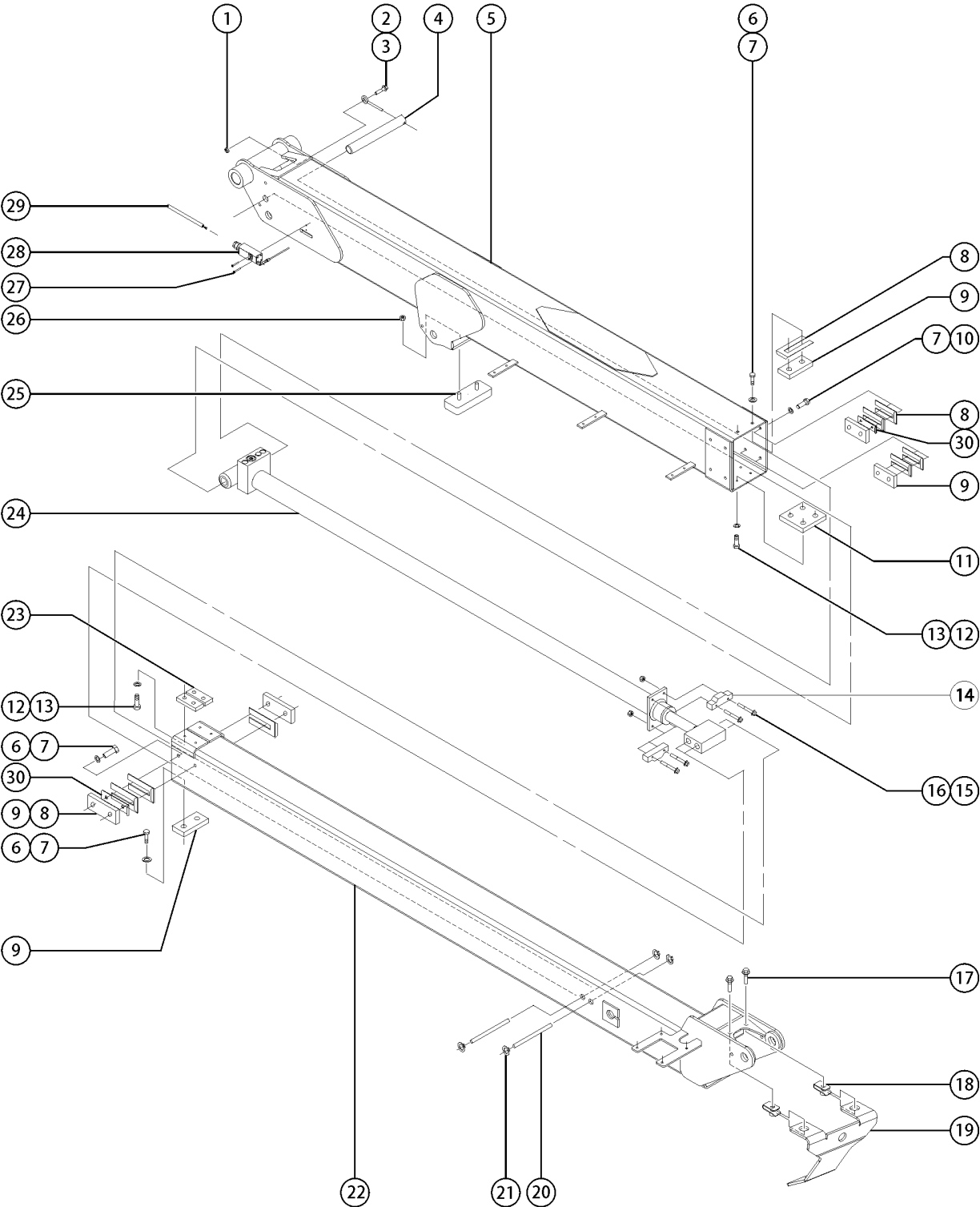
403.1 Upper Pivot



403.1 Upper Pivot

Item	Part No.	Description	Qty.
1	36194GT	PIN,1.50DIAX15.13LG,1HOLE	1
2	40447GT	UPPER MIDPIVOT ASSY,Z34 & Z34N	1
3	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	2
4	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
5	825019GT	ROD END, .375X3.69, ZAG	5
6	74091GT	PIN,1.25DIAX9.13LG,1HOLE	2
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
8	824218GT	SCREW,PHPM SEMS ET,8-32X.25,ZA	2
9	110638GT	HARNESS LS1 OP EXT/RET	
9-	106433GT	LS SPRING WAND (ZCY91)	
9-	19491GT	CONTACTOR,LIMIT SWITCH	
9-	22359GT	SPRING ARM,LIMIT SWITCH,6.25"	
9-	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM	
9-	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	216
10		Ref. Primary Boom (refer to 404.1)	
11	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG	1
12	47377GT	BEARING,1.25 ID X 1.5 OD X .75	6
13	94215GT	CYLINDER,PRIMARY LIFT	1
		includes item 12	
13-	94258GT	SEAL KIT, 94215, 94430	1
13-	43937GT	VALVE,CB.CBBC-LHN@3200***	2
14	88280GT	BEARING,1.5IDX1.75ODX0.75L	2
15	94216GT	CYLINDER,MASTER	1
		includes items 12 and 14	
15-	94259GT	SEAL KIT, 94216	
16	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2
17	36198GT	PIN,1.25DIAX8.12LG,1HOLE	1

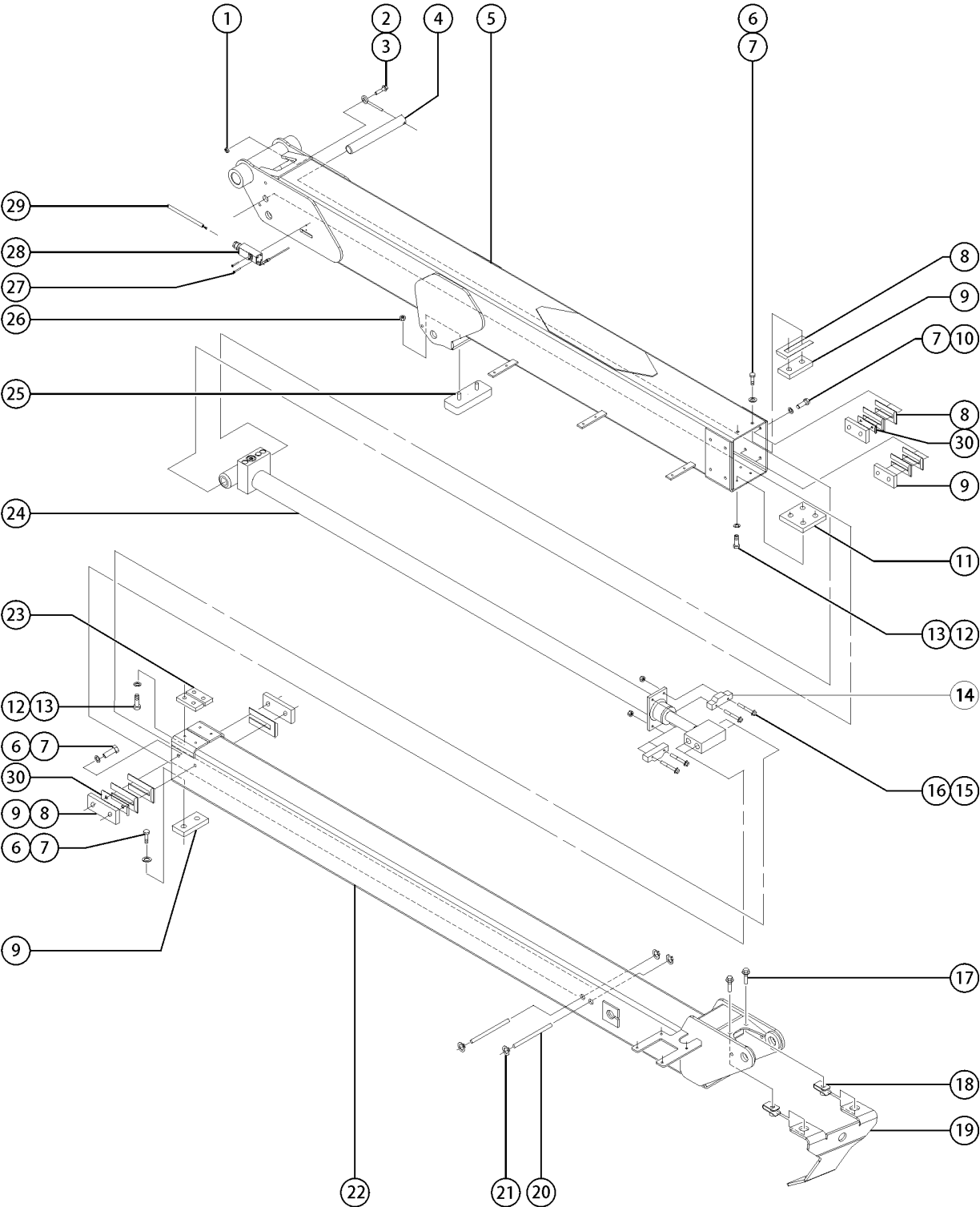
404.1 Primary and Extension Booms



404.1 Primary and Extension Booms

Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	
2	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	
3	825019GT	ROD END, .375X3.69, ZAG	
4	101557GT	PIN, 1.00DIAX9.01LG, THREADED	
5	94031GT	WELDMENT, PRIMARY BOOM Z30N	1
		refer to 502.1 for rotating jib	
6	826791GT	SCREW, HHC, 3/8-16X.875, 8, ZAG	8
7	826793GT	WASHER, FLAT, 3/8, SAE, HRD, ZAG	16
8	29080GT	SHIM, WEAR PAD, 5X 1.5 16GA	
8B	42502GT	SHIM, SIDE PAD 22GA. (quantity as needed)	
9	1262353GT	WEAR PAD, 5 X 1.5 X .72 W/NUTS	8
10	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	8
11	1262354GT	WEAR PAD, 4 X 4 X .72 W/NUTS	1
12	1262432GT	SCREW, HHC, 1/4-20X.875, 8, ZAG	8
13	824113GT	WASHER, FLAT, USS, 1/4, ZAG	8
14	74066GT	WEAR PAD, EXT CYL ***	2
15	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG	
16	1277924GT	NUT, NYLOCK FLG, 1/4-20, F, ZAG	
17	824079GT	SCREW, HHF, 1/4-20X1, 8, ZAG	
18	56912GT	SPRING CLIP, 1/4-20, .025-.15X.54, ZAG	2
19	147079GT	BRACKET, HOSE ROUTING	1
		US part number	
19A-	56361GT	CABLE TIE, BUTTON, BLACK, 14.75LG	
19B	1281276GT	BRACKET, HOSE ROUTING, METRIC	1
		China part number	
19B-	56361GT	CABLE TIE, BUTTON, BLACK, 14.75LG	
20	36192GT	PIN, 0.75DIAX5.51LG, 2RING	2
21	824163GT	SNAP RING, EXTERNAL, 3/4, ZAG	4
22	147487GT	WELDMENT, EXT BOOM, Z30N	1
23	1262355GT	WEAR PAD, 4 X 2 X .45 W/NUTS	2
24	94213GT	CYLINDER, EXTENSION	1

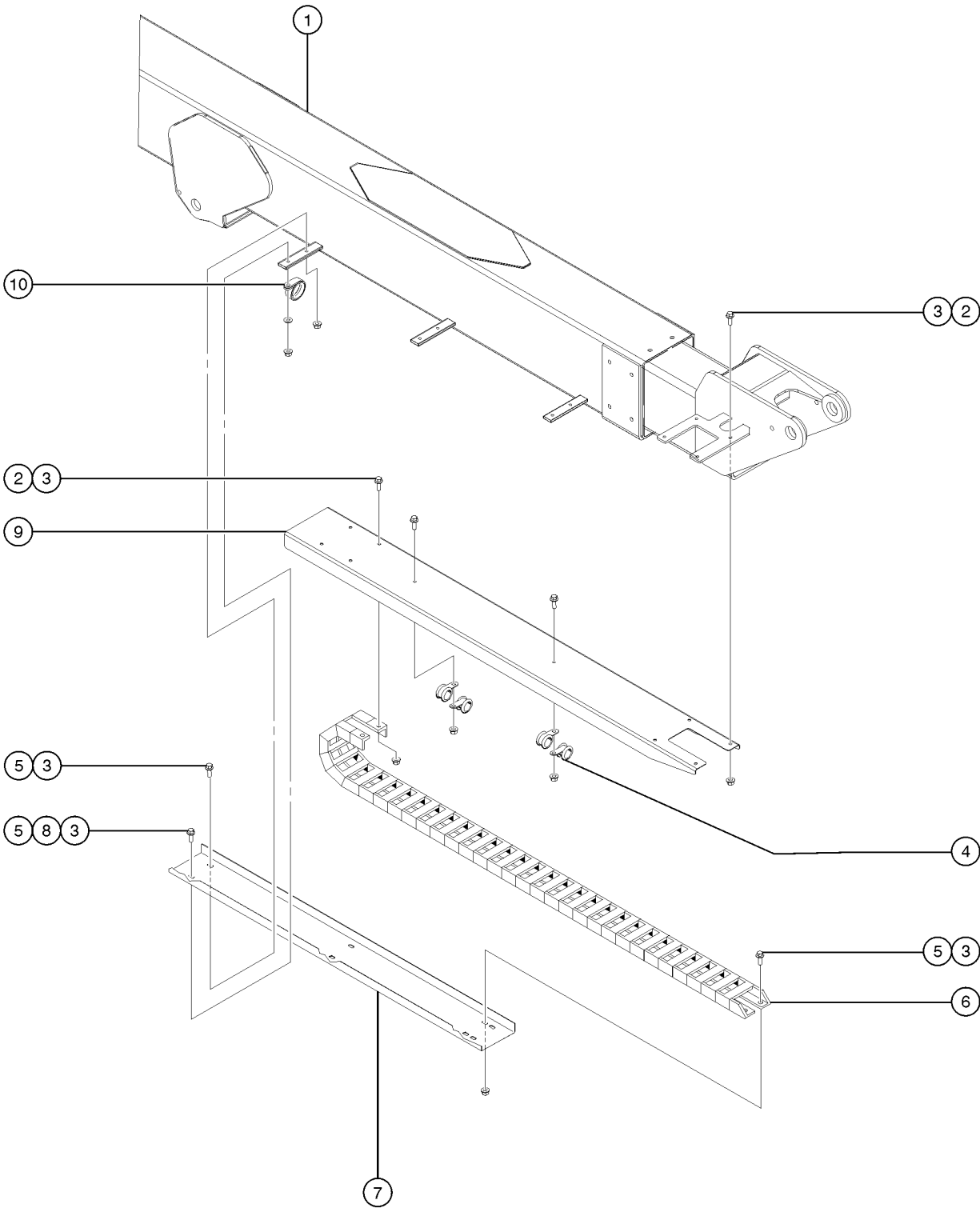
404.1 Primary and Extension Booms



404.1 Primary and Extension Booms

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24-	94256GT	SEAL KIT, 94213	1
24-	36648GT	VALVE,COUNTERBALANCE 2500 PSI*	1
24-	74508GT	VALVE,CHECK,COBA-X*N 200PSI PO	1
24-	74509GT	VALVE,CHECK,CXAD-XCN,30PSI	1
25	56849GT	PAD,REST,1"THICK,W/STUDS*	
26	824038GT	NUT, TL JAM, 3/8-16, A, ZAG	
27	824219GT	SCREW,PHPM SEMS ET,8-32X1.25,Z	2
28	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM	
28-	19491GT	CONTACTOR,LIMIT SWITCH	
28-	22359GT	SPRING ARM,LIMIT SWITCH,6.25"	
28-	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
29	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	199
30	1283887GT	SHIM,WEAR PAD,5 X 1.5,14GA, HOLE as needed	

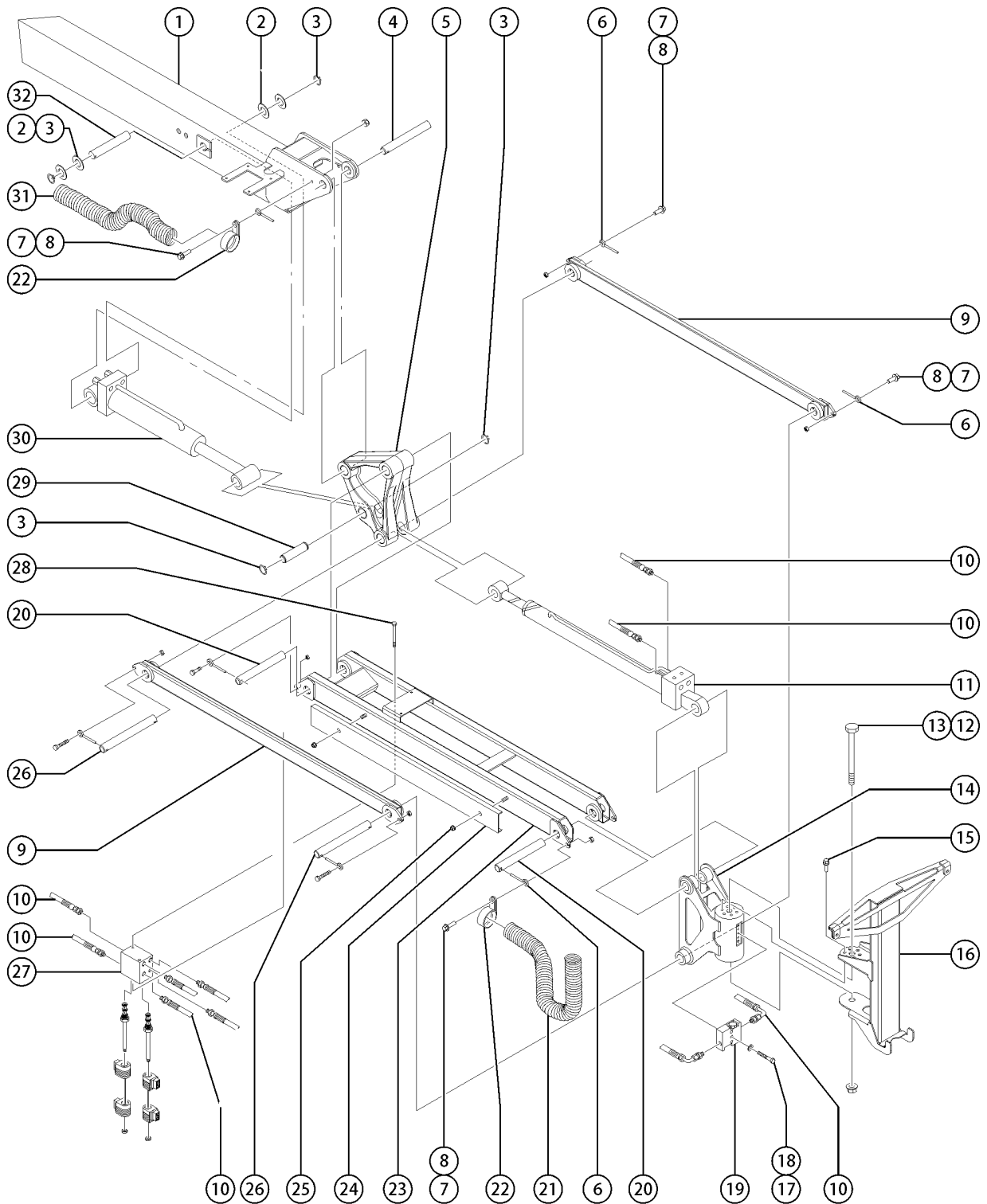
405.1 Cable Track



405.1 Cable Track

Item	Part No.	Description	Qty.
1		Ref. Primary and Extension Booms (refer to 404.1)	
2	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	10
3	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	16
4	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	4
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	6
6	139537GT	CABLE TRACK,NYLATRAC,26 LINK	1
		(to SN Z30ND-1685)	
6-	139540GT	REPAIR LINK,NYLATRAC,7 LINKS	
		(to SN Z30ND-1685)	
6-	139541GT	BRACKET SET,NYLATRAC,KS400	
		(to SN Z30ND-1685)	
6-	139542GT	LINK,NYLATRAC,KS400	
		(to SN Z30ND-1685)	
6B	1309745GT	CABLE TRACK,PA6,29 LINK	1
		(from SN Z30ND-1686)	
6B-	1311787GT	LINK,PA6,CDPS0910,CABLE TRACK	
		(from SN Z30ND-1686)	
6B-	1311837GT	BRACKET SET,CDPS 0912	
		(from SN Z30ND-1686)	
6B-	1311849GT	CROSS COVER,CDPS 0911	
		(from SN Z30ND-1686)	
7	56983PGT	CHANNEL,LWR TRAY PLASTIC TK **	
8	824113GT	WASHER,FLAT,USS,1/4,ZAG	3
9	74119PGT	CHANNEL, CABLE TRACK, UPPER	1
		US part number	
9B	1281286GT	CHANNEL,UPPER TRACK, METRIC	1
		China part number	
10	1288080GT	CLAMP,RUBBER CUSHIONED-2 5/32	3

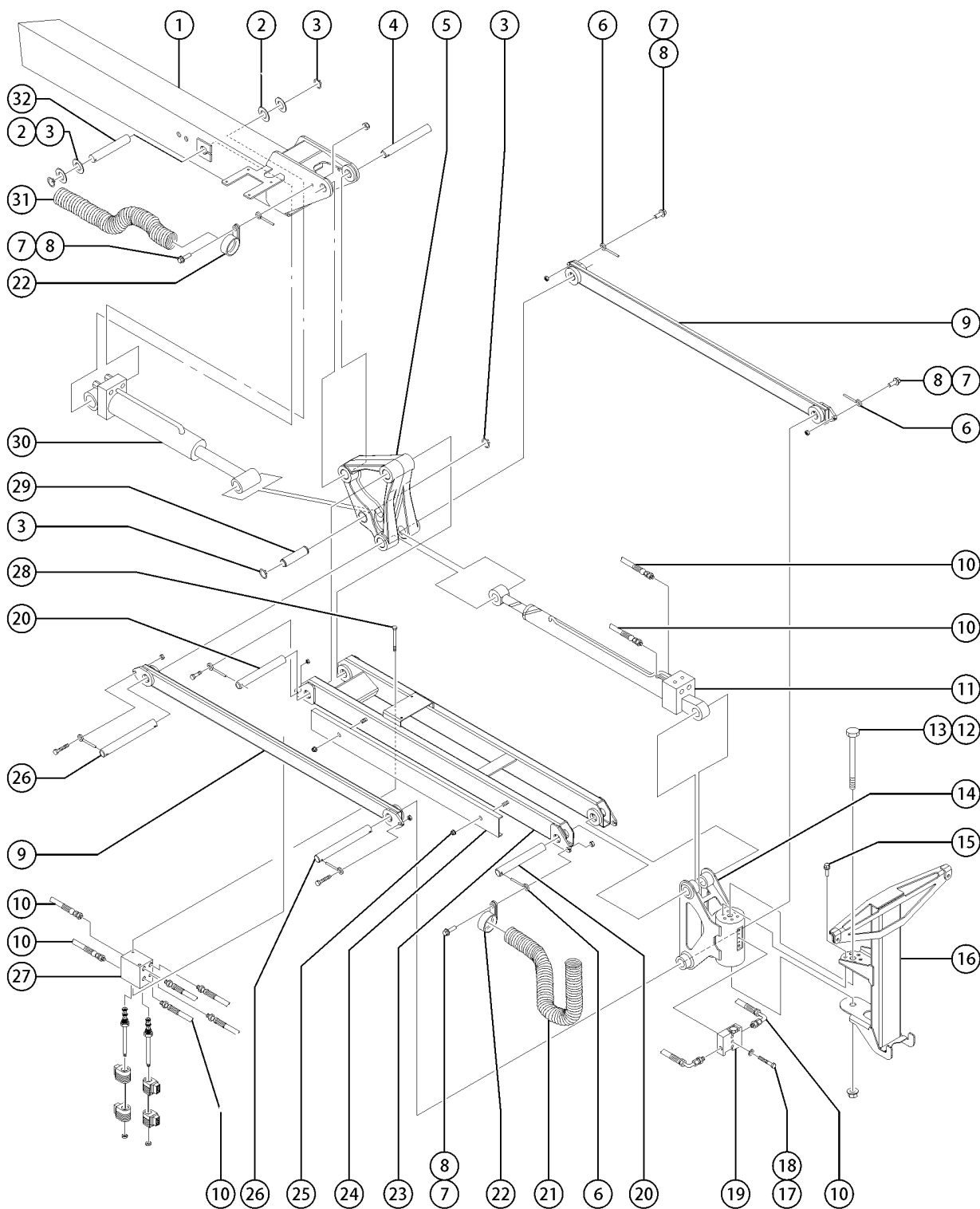
406.1 Jib Boom and Platform Rotator



406.1 Jib Boom and Platform Rotator

Item	Part No.	Description	Qty.
1		Ref. Extension Boom (refer to 404.1)	
2	824151GT	WASHER,SHIM,1.270X2.130X.062,Z	6
3	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	2
4	128550GT	PIN,1.25DIA X 7.64LG,2RING	1
5	74587GT	BELLCRANK ASSEMBLY, Z30N,Z34**	
5-	74865GT	BEARING,FL,1.25IDX1.50ODX1.25L	6
		with flange	
5-	74866GT	BEARING,1.25IDX1.50ODX1.25L	2
6	825019GT	ROD END, .375X3.69, ZAG	6
7	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	5
8	824025GT	NUT,TL,3/8-16,C,ZAG	5
9	36054-SGT	COMPRESSION MEMBER (BORED)***	2
		US part number	
9B	1282023GT	COMPRESSION MEMBER (BORED)***, METRIC	2
		China part number	
10		Ref. Hydraulic Components (refer to 802.1)	
11	94218GT	CYLINDER,JIB	1
11-	94261GT	SEAL KIT,94218	1
11-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	
		for 94218	
11-	47377GT	BEARING,1.25 ID X 1.5 OD X .75	4
12	1273205GT	SCREW,HHC,3/4-10X9.5,8,ZAG	1
13	1256863GT	WASHER,FLAT,.75,F436,HRD,ZAG	1
13B	1274173GT	NUT,NYLOCK,3/4-10,C,ZAG	1
14	233717GT	ROTATOR,PLAT,Z30/34/Z40	1
14-	233745GT	SEAL AND BRG KIT,4.5K ROTATOR	1
14-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
15	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	6
15B	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG	1
16	56500-SGT	WELDMENT,PLATFORM SUPPORT***	1
		US part number	
16B	1282086GT	WELDMENT,PLATFORM SUPPORT***, METRIC	1
		China part number	
17	824062GT	SCREW,HHC,1/4-20X1.5,8,ZAG	1

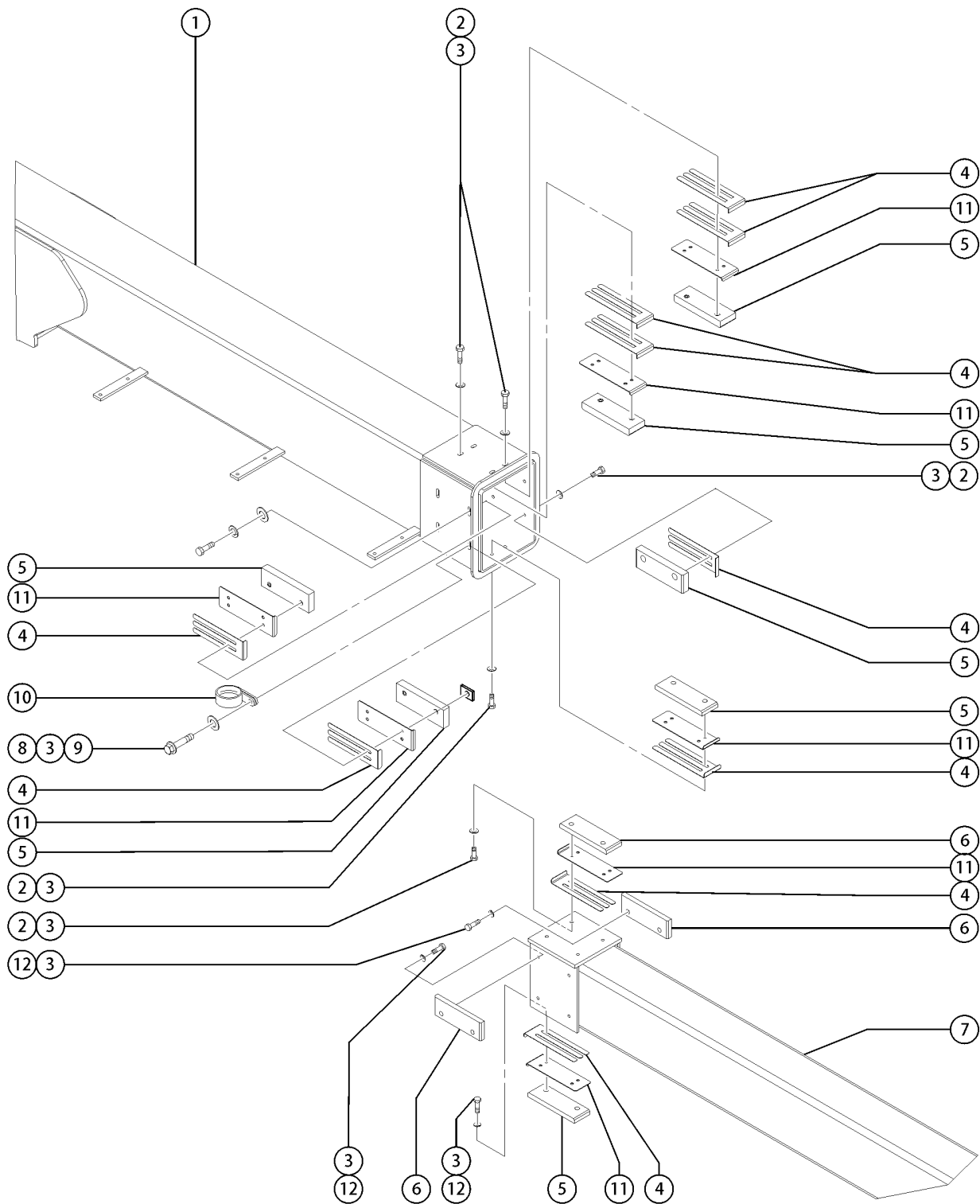
406.1 Jib Boom and Platform Rotator



406.1 Jib Boom and Platform Rotator

Item	Part No.	Description	Qty.
18	824109GT	WASHER, LOCK, 1/4, ZAG	1
19	56929GT	MANIFOLD, ROTATOR, 180 DEG. ***	1
19-	62506GT	VALVE - COUNTERBALANCE**	
19-	62507GT	O-RING, ROTATOR MANIFOLD	
20	36199GT	PIN, 1.25 DIA. X 10.38 LG, 1 HOLE	2
21	42939GT	WIRE LOOM, 1.88 DIA.	120
22	1288080GT	CLAMP, RUBBER CUSHIONED-2 5/32	2
23	56976GT	JIB BOOM MACH US part number	1
23B	1282052GT	JIB BOOM MACH***, METRIC China part number	1
24	36561-SGT	HOSE COVER, JIB BOOM** US part number	1
24B	1281277GT	HOSE COVER, JIB BOOM**, METRIC China part number	1
25	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
26	42797GT	PIN, 1.25 DIA X 12.50 LG, 2 HOLE	2
27		Ref. Jib Boom Manifolds (refer to 702.1)	1
28	824077GT	SCREW, HHF, 1/4-20 X .5, 8, ZAG	2
29	139655GT	PIN, SLAVE CYLINDER	1
30	94217GT	CYLINDER, SLAVE, DONGYANG	1
30-	94260GT	SEAL KIT, LEVELING CYLINDER	1
30-	74735GT	VALVE, COUNTERBALANCE	2
30-	47377GT	BEARING, 1.25 ID X 1.5 OD X .75 barrel end	2
30-	35088GT	BEARING, FL, 1.25 ID X 1.41 OD X .89 L rod end	2
31	42929GT	HOSE, RET. FILTER DWN TUBE RUBBE	28
32	50546GT	PIN, 1.25 DIA X 6.36 LG, 2 RING	1

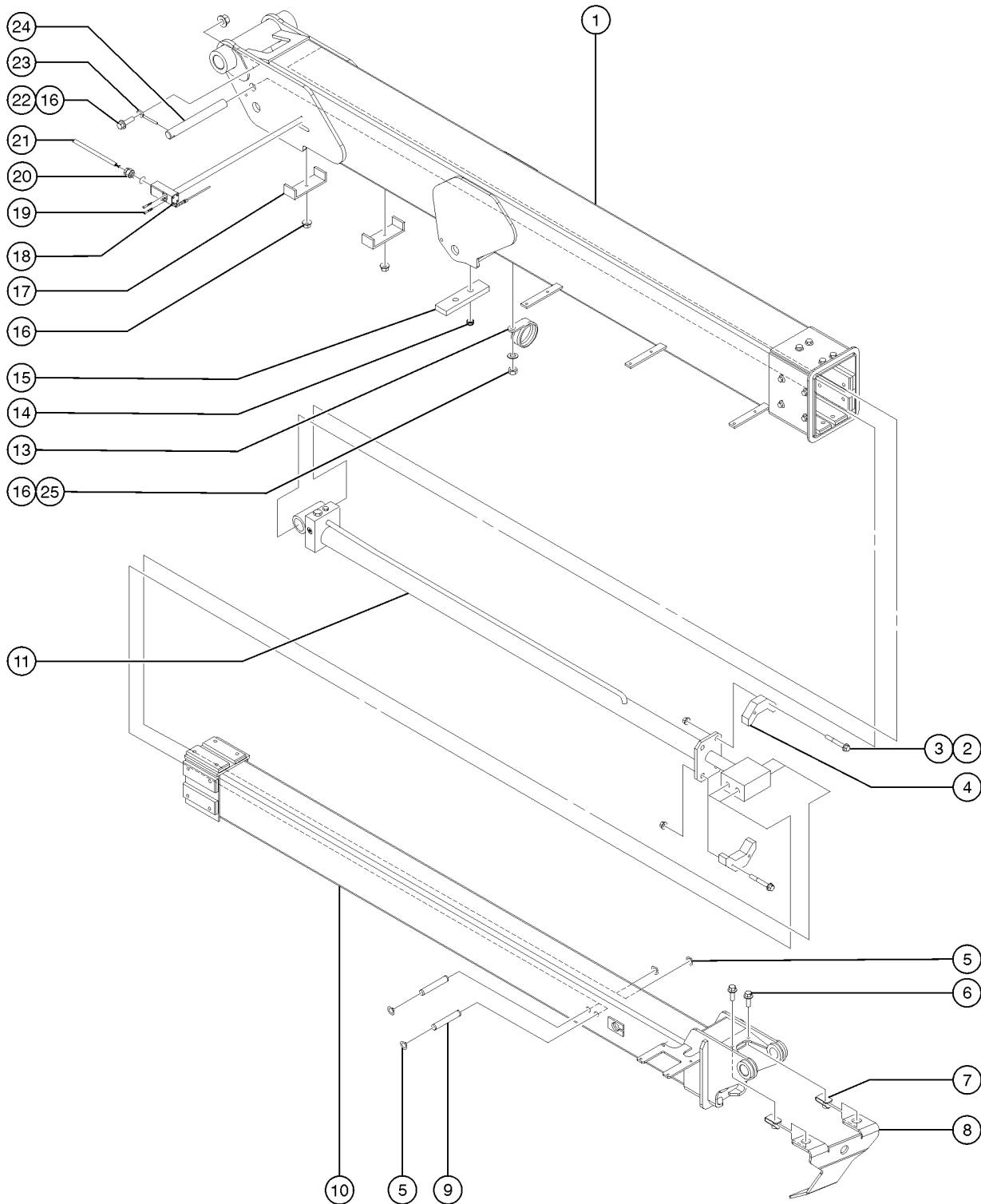
501.1 Primary Boom Wear Pads



501.1 Primary Boom Wear Pads

Item	Part No.	Description	Qty.
		Refer to 404.1 for models without rotating jib	
1		Ref. Primary Boom (refer to 502.1)	
2	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	20
3	824113GT	WASHER, FLAT, USS, 1/4, ZAG	36
4	74134GT	SHIM, WEAR PAD .030	
		as needed	
5	101429GT	WEAR PAD, EXT BOOM***	10
		6 x 2 x 0.6875 inches	
6	74044GT	WEAR PAD, EXT BOOM***	6
		6 x 2 x 0.4375 inches	
7		Ref. Extension Boom (refer to 502.1)	1
7-	35675GT	BEARING, FL, 1.25ID X 1.5OD X 1.25L	2
8	824079GT	SCREW, HHF, 1/4-20 X 1, 8, ZAG	1
9	56912GT	SPRING CLIP, 1/4-20, .025-.15 X .54, ZAG	1
10	1288080GT	CLAMP, RUBBER CUSHIONED-2 5/32	1
11	1284473GT	SHIM, WEAR PAD, 6X2	
		as needed	
12	1262432GT	SCREW, HHC, 1/4-20 X .875, 8, ZAG	12

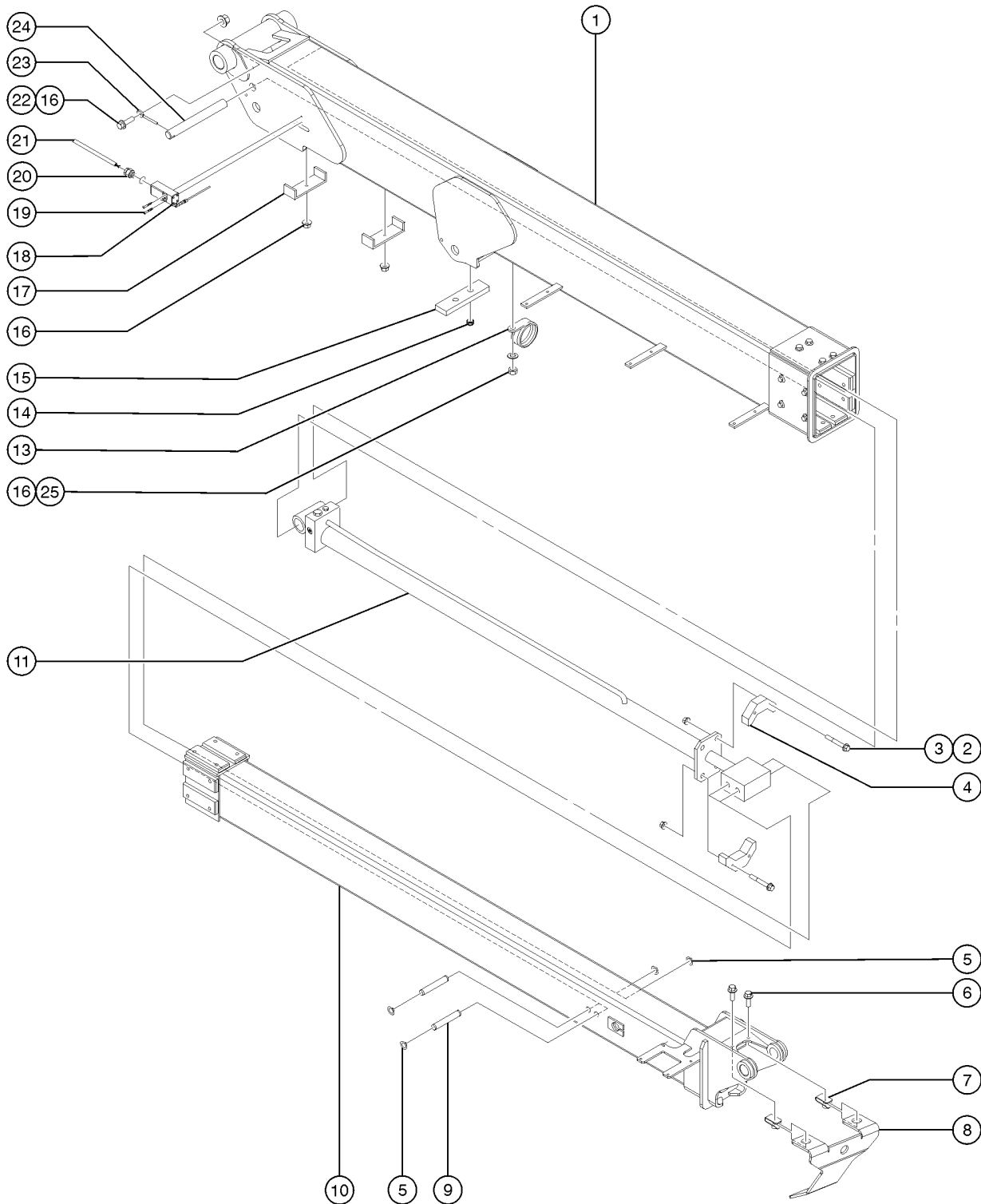
502.1 Primary and Extension Booms



502.1 Primary and Extension Booms

Item	Part No.	Description	Qty.
A-		Refer to 404.1 for models without a rotating jib	
B-		Ref. Upper Pivot (refer to 403.1)	2
1	74345GT	PRIMARY BOOM TUBE ASSEMBLY**	1
1-	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
2	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG	4
3	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	7
		to SN 19124	
3B	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	3
		from SN 19125 to SN Z30D-927	
3C	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	3
		from SN Z30D-928	
4	74066GT	WEAR PAD,EXT CYL ***	1
5	824163GT	SNAP RING, EXTERNAL, 3/4, ZAG	2
6	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
8	147079GT	BRACKET, HOSE ROUTING	1
8-	56361GT	CABLE TIE,BUTTON,BLACK,14.75LG	
9	36192GT	PIN,0.75DIA X 5.51LG,2RING	2
10	147637GT	ASSY, EXT BOOM, Z30NRJ	1
10-	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	2
11	94214GT	CYLINDER,EXTENSION,Z30NRJ***	1
11-	36648GT	VALVE,COUNTERBALANCE 2500 PSI*	
		(for 94214 cylinder)	
11-	94257GT	SEAL KIT, 94214	
		(for 94214 cylinder)	
11-	9990146GT	SEAL KIT,CYLINDER (74195)	
		(for 74195 cylinder)	
12	824113GT	WASHER,FLAT,USS,1/4,ZAG	3
		to SN 19124	
12B	824113GT	WASHER,FLAT,USS,1/4,ZAG	2
		from SN 19125	
13	1288080GT	CLAMP,RUBBER CUSHIONED-2 5/32	3
14	824038GT	NUT, TL JAM, 3/8-16, A, ZAG	2
15	56849GT	PAD,REST,1"THICK,W/STUDS*	1
16	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
		to SN 19124	
16B	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	3
		from SN 19125	

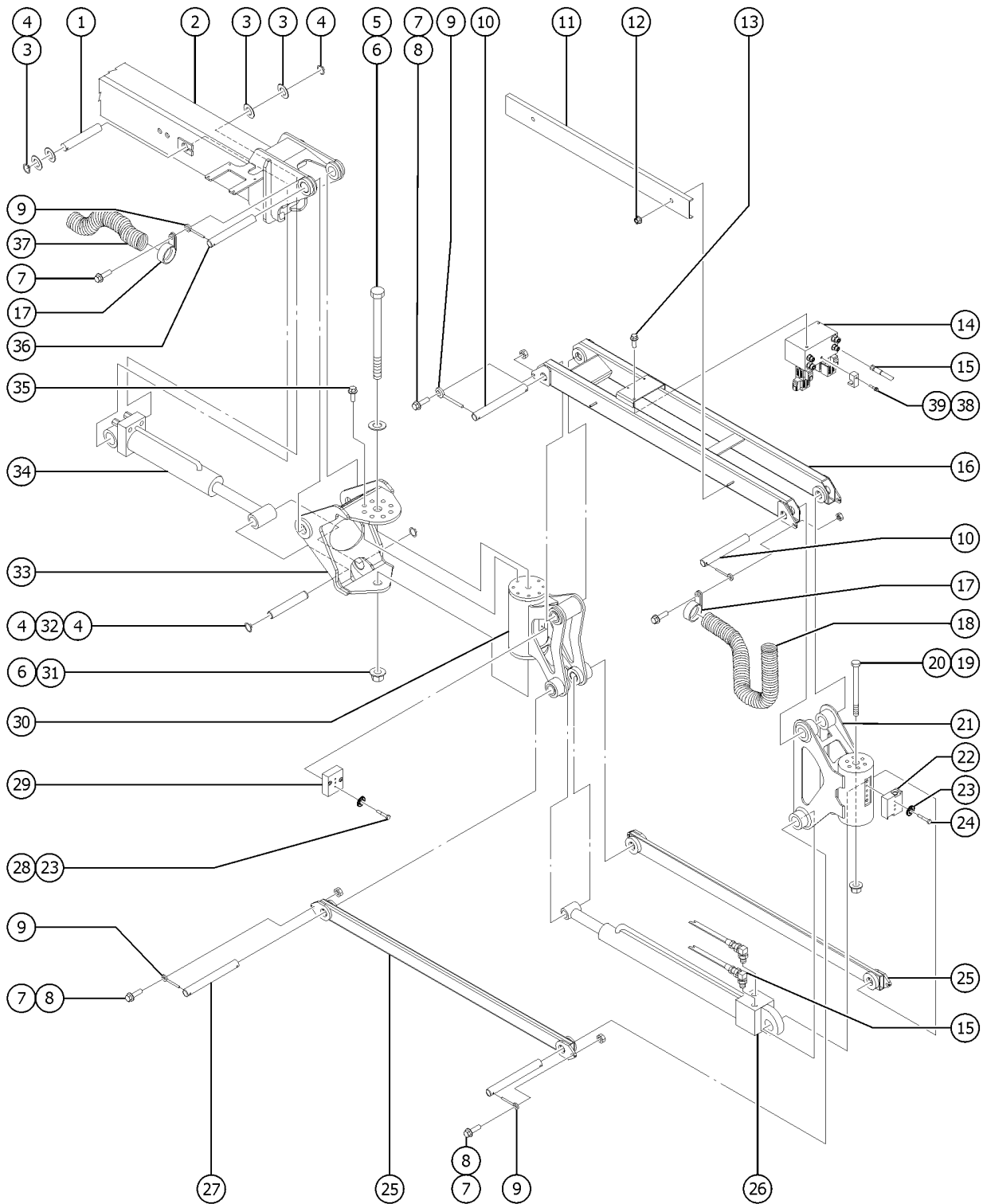
502.1 Primary and Extension Booms



502.1 Primary and Extension Booms

Item	Part No.	Description	Qty.
17	54530GT	CLAMP,HOSE,ALUMINUM	3
18	110638GT	HARNESS LS1 OP EXT/RET	
18-	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM	1
18-	106433GT	LS SPRING WAND (ZCY91)	
18-	19491GT	CONTACTOR,LIMIT SWITCH	
18-	22359GT	SPRING ARM,LIMIT SWITCH,6.25"	
18-	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	216
19	824219GT	SCREW,PHPM SEMS ET,8-32X1.25,Z	2
20	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
21	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	1
22	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	1
23	825019GT	ROD END, .375X3.69, ZAG	1
24	101557GT	PIN,1.00DIAX9.01LG,THREADED	1
25	825358GT	WASHER,FLAT,5/16,USS,ZAG	1

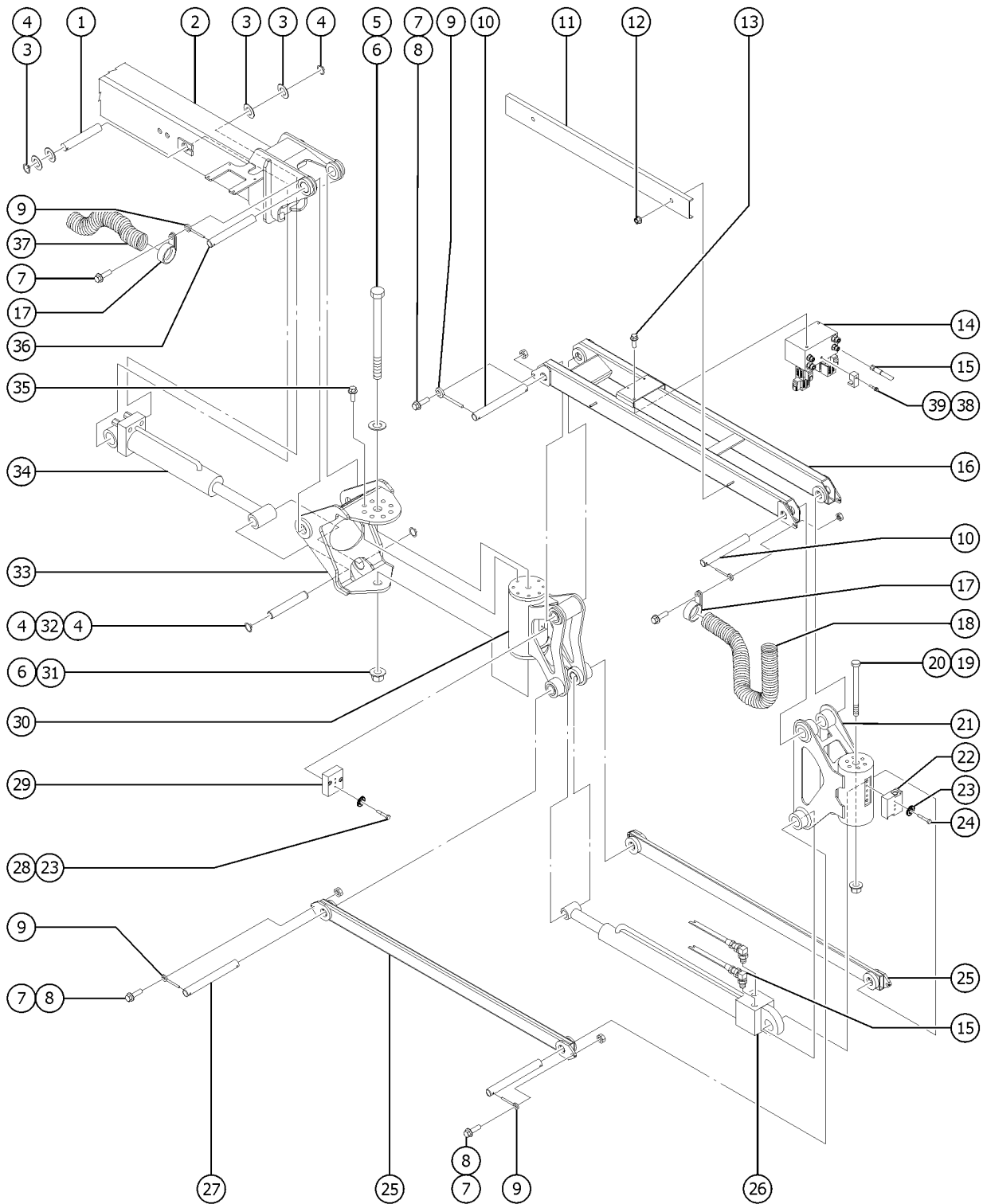
503.1 Rotating Jib Boom Assembly



503.1 Rotating Jib Boom Assembly

Item	Part No.	Description	Qty.
1	50546GT	PIN,1.25DIA X 6.36LG,2RING	1
2		Ref. Extension Boom (refer to 502.1)	
3	824152GT	WASHER,SHIM,1.270X1.875X.062,Z	4
4	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	4
5	824075GT	SCREW, HHC, 1-8 X 12.75, 5, ZAG	1
6	824116GT	WASHER,FLAT,1.0,F436,HRD,ZAG	2
7	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	4
8	824025GT	NUT,TL,3/8-16,C,ZAG	4
9	825019GT	ROD END, .375X3.69, ZAG	5
10	36199GT	PIN,1.25DIA.X10.38LG,1HOLE	2
11	36561-SGT	HOSE COVER,JIB BOOM**	1
		US part number	
11B	1281277GT	HOSE COVER,JIB BOOM**, METRIC	1
		China part number	
12	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
13	824077GT	SCREW, HHF, 1/4-20 X .5, 8, ZAG	2
14		Ref. Jib Boom Manifold	1
		refer to 702.1	
15		Ref. Hydraulic Components	4
		refer to 802.1	
16	56976-SGT	JIB BOOM MACH***	1
17	1288080GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
18	42939GT	WIRE LOOM,1.88 DIA.	22
19	1273205GT	SCREW,HHC,3/4-10X9.5,8,ZAG	1
20	1256863GT	WASHER,FLAT,.75,F436,HRD,ZAG	1
20B	1274173GT	NUT,NYLOCK,3/4-10,C,ZAG	1
21	233717GT	ROTATOR,PLAT,Z30/34/Z40	1
21-	233745GT	SEAL AND BRG KIT,4.5K ROTATOR	1
21-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	
22	56929GT	MANIFOLD,ROTATOR,180 DEG.***	1
22-	62506GT	VALVE - COUNTERBALANCE**	
22-	62507GT	O-RING, ROTATOR MANIFOLD	

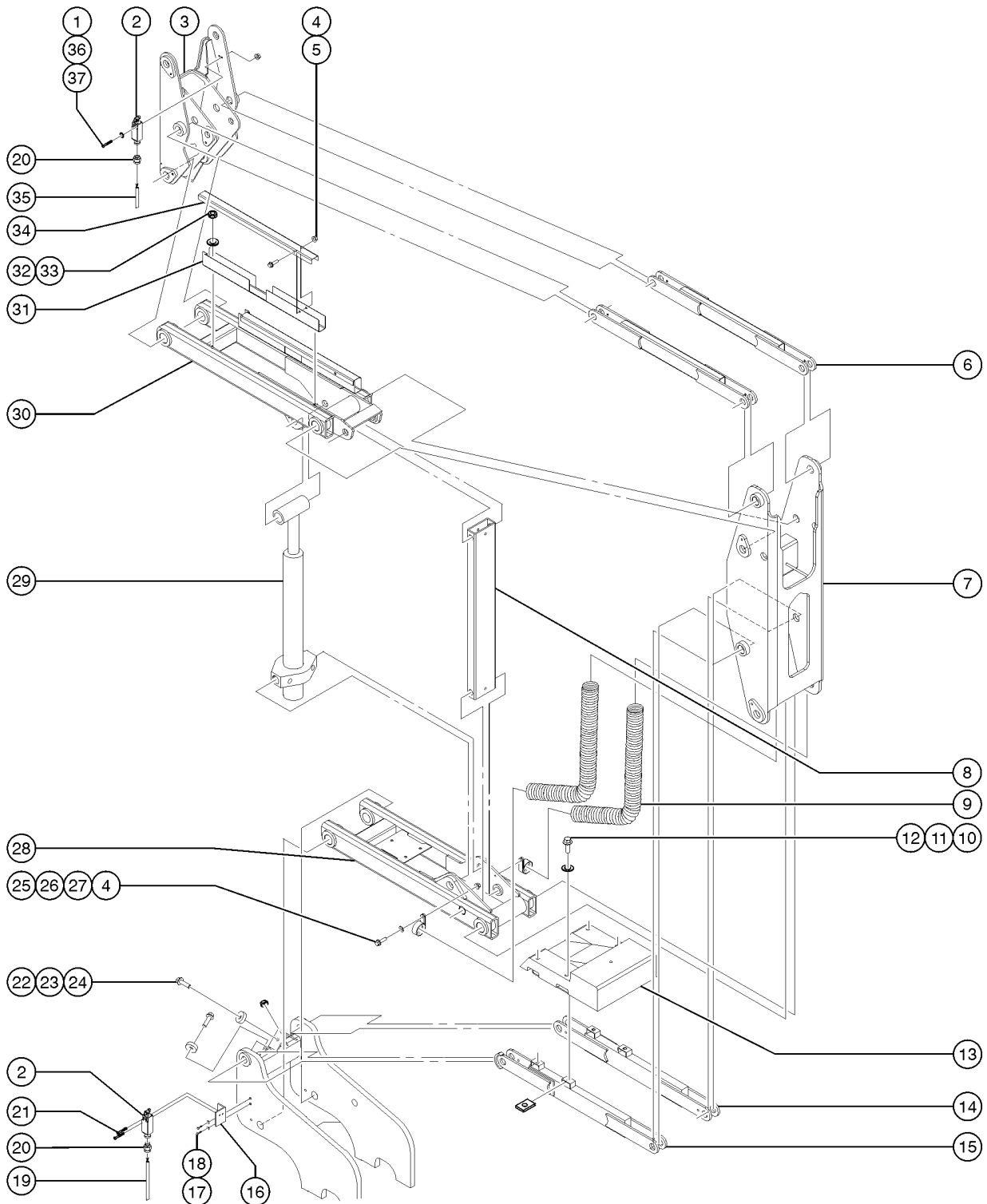
503.1 Rotating Jib Boom Assembly



503.1 Rotating Jib Boom Assembly

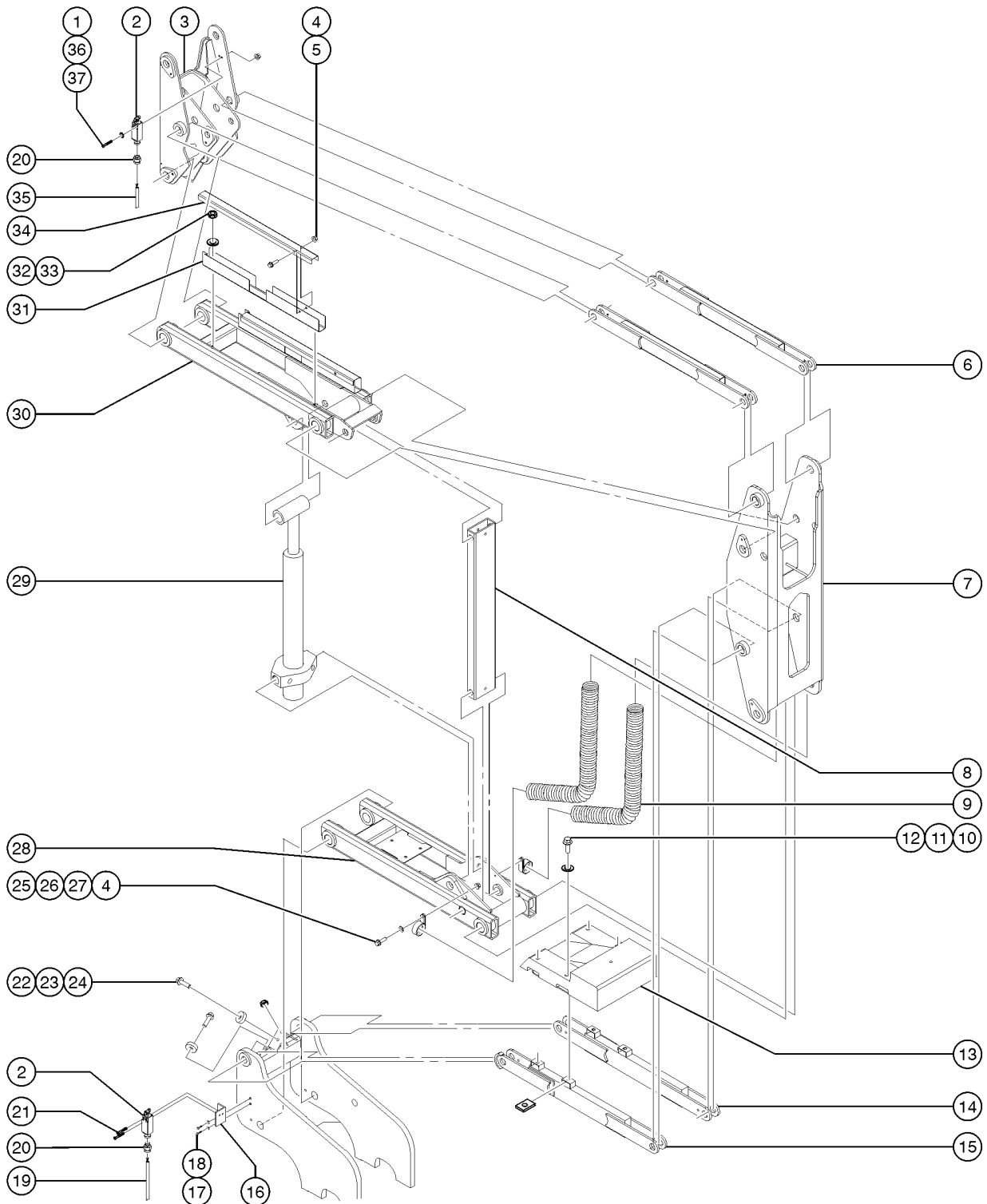
Item	Part No.	Description	Qty.
23	824109GT	WASHER, LOCK, 1/4, ZAG	6
24	824062GT	SCREW, HHC, 1/4-20X1.5, 8, ZAG	3
25	36054-SGT	COMPRESSION MEMBER (BORED)*** US part number	2
25B	1282023GT	COMPRESSION MEMBER (BORED)***, METRIC China part number	2
26		Ref. Jib Cylinder (refer to 406.1)	1
27	42797GT	PIN, 1.25DIA X 12.50LG, 2HOLE	1
28	824063GT	SCREW, HHC, 1/4-20 X 1.75, 8, ZAG	3
29	74051GT	MANIFOLD, ROTATOR 200 DEG.	1
29-	62506GT	VALVE - COUNTERBALANCE**	
29-	62507GT	O-RING, ROTATOR MANIFOLD	
30	226540GT	ROTATOR, JIB, 180 DEG, 15K	1
30-	226542GT	SEAL KIT, 15K ROTATOR	
30-	34245GT	BEARING, 1.25IDX1.50X1.25L	2
30-	35675GT	BEARING, FL, 1.25IDX1.5ODX1.25L	4
31	1283024GT	NUT, NYLOCK, 1-8, 8, ZAG	1
32	139655GT	PIN, SLAVE CYLINDER	1
33	74347GT	JIB PIVOT ASSEMBLY**	1
33-	35675GT	BEARING, FL, 1.25IDX1.5ODX1.25L	2
34		Ref. Slave Cylinder refer to 406.1	1
35	1256843GT	SCREW, HHC, 1/2-13X1.25, 8, ZAG	8
35B	825353GT	WASHER, FLAT, 1/2, SAE, HRD, ZAG	8
36	74089GT	PIN, 1.25DIA X 9.63LG, 1HOLE	1
37	42939GT	WIRE LOOM, 1.88 DIA.	24
38	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	1
39	229074GT	CLAMP, WIRE HARNESS	1

504.1 Secondary Boom - View 1



Item	Part No.	Description	Qty.
1A	824219GT	SCREW,PHPM SEMS ET,8-32X1.25,Z from SN 15133 to 17342	2
1B	1261606GT	SCREW,PHPM,8-32X1.75,ZAG from SN Z30N16F-17343	2
2	88356-116R5GT	SWITCH,LIMIT,W/ROLLER ARM	2
2-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
2-	106428GT	LS STL ROLLER PLUNGER (ZCE02)	
2-	106429GT	LS METAL END PLUNGER (ZCE10)	
2-	106434GT	LS BLUE PLASTIC BODY (XCKP)	
2-	19491GT	CONTACTOR,LIMIT SWITCH	
2-	76450GT	CONN.SQZ,PG 11,.07-.26,W/ORING	
3	40447GT	UPPER MIDPIVOT ASSY,Z34 & Z34N	1
4	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	3
5	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
6	74945GT	COMPRESSION ARM WLDMT 38.50 **	2
7	40446GT	LOWER MIDPIVOT ASSY,Z34 & Z34N*	1
8	74232GT	CONNECTING LINK Z30N & Z34***	1
9	42939-5400GT	WIRE LOOM,1.88 DIA. (54 inches long)	1
10	824095GT	SCREW, HHF, 3/8-16 X 3, 8, ZAG	4
11	824120GT	WASHER, FLAT, .375 X 1.50 X .125, ZAG	4
12	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
13	36620GT	COUNTERWEIGHT,CAST,400 LBS.	1
14	94425GT	COMP ARM WELD LOWER, RIGHT***	1
15	128634GT	WELDMENT, LWR COMPRESION ARM	
16	42413GT	ANGLE,SWITCH MOUNT***	1
17	824059GT	SCREW, HHC, 1/4-20 X .75, 8, ZAG	2
18	824109GT	WASHER,LOCK,1/4,ZAG	2
19	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	72
20	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	2
21	824223GT	SCREW,PHPM SEMS ET,10-32X1.25,	2

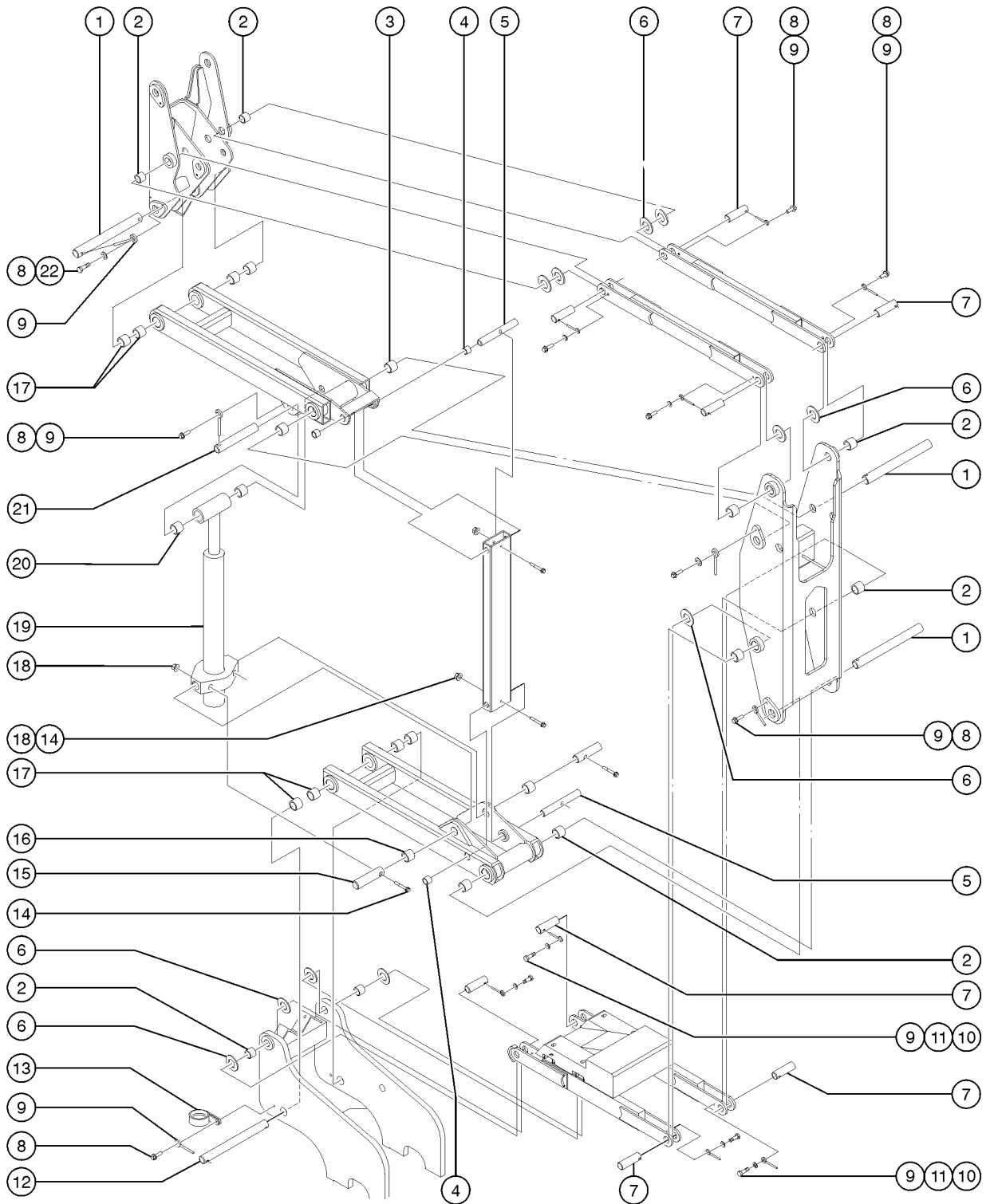
504.1 Secondary Boom - View 1



504.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
22	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2
23	74085GT	REST PAD,UPPER PIVOT Z30N	2
24	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
25	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
26	824113GT	WASHER,FLAT,USS,1/4,ZAG	2
27	1288080GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
28	128040GT	LOWER SECONDARY BOOM ASSEMBLY	1
29	101349GT	CYLINDER,ELEVATE, Z30N	1
29-	94254GT	SEAL KIT, 94211, 94254, 101349	1
29-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	1
30	128039GT	UPPER SEC BOOM ASSY Z30N RJ	1
31	74271GT	HOSE TRACK,UPPER*** US part number	1
31B	1281290GT	HOSE TRACK,UPPER, METRIC China part number	1
32	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG from SN 19094	
33	825353GT	WASHER,FLAT,1/2,SAE,HRD,ZAG from SN 19094	
34	42609GT	HOSE TRACK COVER,UPPER ARM	1
35	44133GT	WIRE CABLE,16/4 CON.TPE JKT*	184
36	1257390GT	WASHER,FLAT,#8,SAE,ZAG from SN Z30N16F-17343	2
37	1271081GT	NUT,NYLOCK,8-32,8,ZAG from SN Z30N16F-17343	2

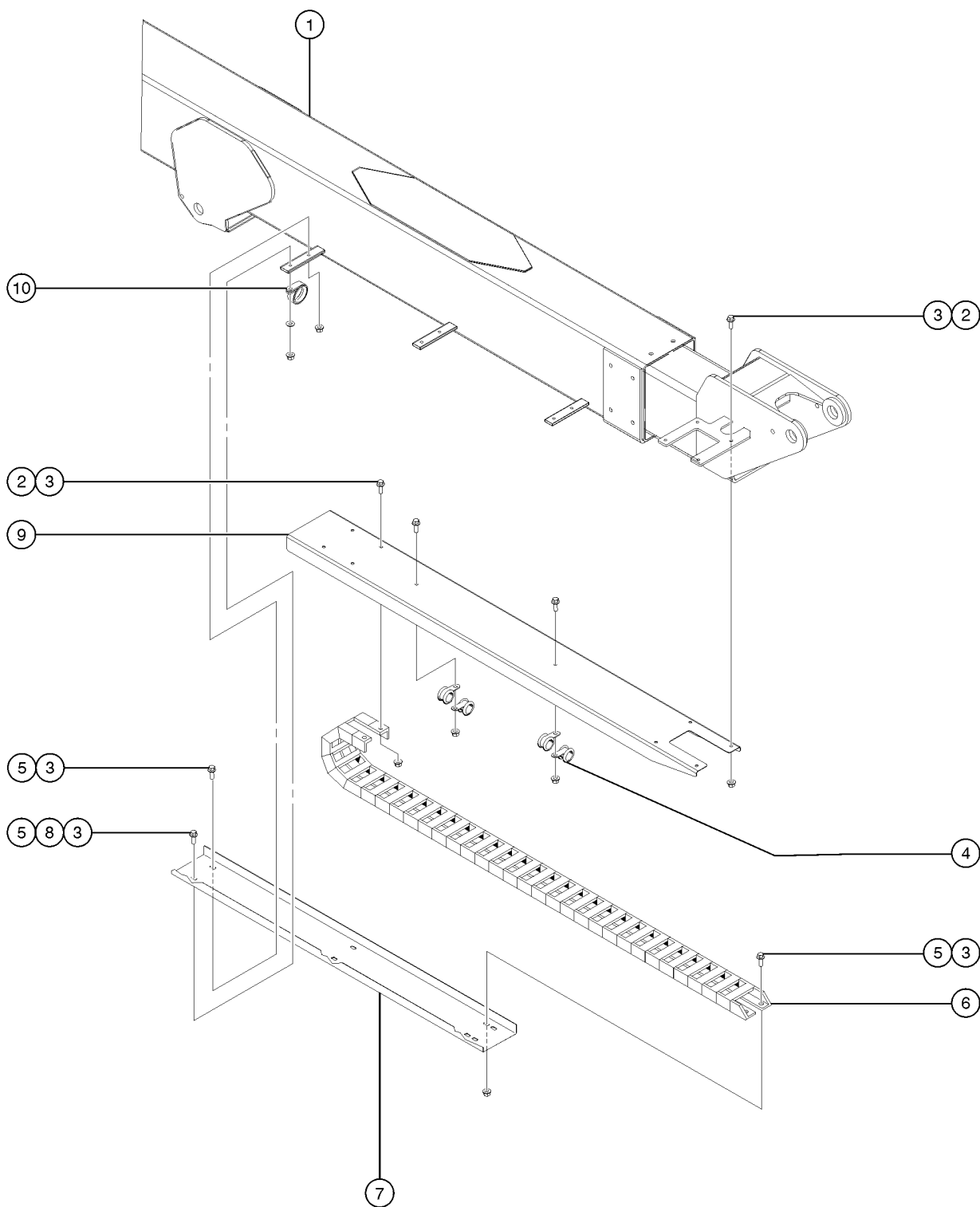
505.1 Secondary Boom - View 2



505.1 Secondary Boom - View 2

Item	Part No.	Description	Qty.
-	107935GT	KIT, SWING HOSE CLAMP, FIELD includes 106959GT, 106960PGT, 107933GT, 107934, and instructions 110148GT	
1	36194GT	PIN, 1.50DIA X 15.13LG, 1HOLE	3
2	34245GT	BEARING, 1.25IDX1.50X1.25L	10
3	45071GT	BEARING, 1.5IDX1.75ODX1.5L	2
4	36245GT	BEARING, FL, 1.00IDX1.25ODX0.84L	4
5	36202GT	PIN, 1.00DIA X 7.25LG, 1HOLE	2
6	824151GT	WASHER, SHIM, 1.270X2.130X.062, Z	8
7	36390GT	PIN, 1.25DIA X 3.63LG, THREADED	8
8	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	9
9	825019GT	ROD END, .375X3.69, ZAG	3
10	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	4
11	824110GT	WASHER, LOCK, 3/8, ZAG	4
12	36389GT	PIN, 1.50DIA X 16.13LG, 1HOLE	1
13	1288080GT	CLAMP, RUBBER CUSHIONED-2 5/32	1
14	824094GT	SCREW, HHF, 3/8-16 X 2.75, 8, ZAG	4
15	36205GT	PIN, 1.25DIA X 3.00LG, THREADED	2
16	36246GT	BEARING, FL, 1.25IDX1.50ODX1.09L	2
17	18396GT	BEARING, 1.5IDX1.75ODX1.0L	4
18	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	4
19		Ref. Elevate Cylinder (refer to 504.1)	
20	25683GT	BEARING, POLYGON, 20DU12	2
21	74089GT	PIN, 1.25DIA X 9.63LG, 1HOLE	1
22	825358GT	WASHER, FLAT, 5/16, USS, ZAG	1

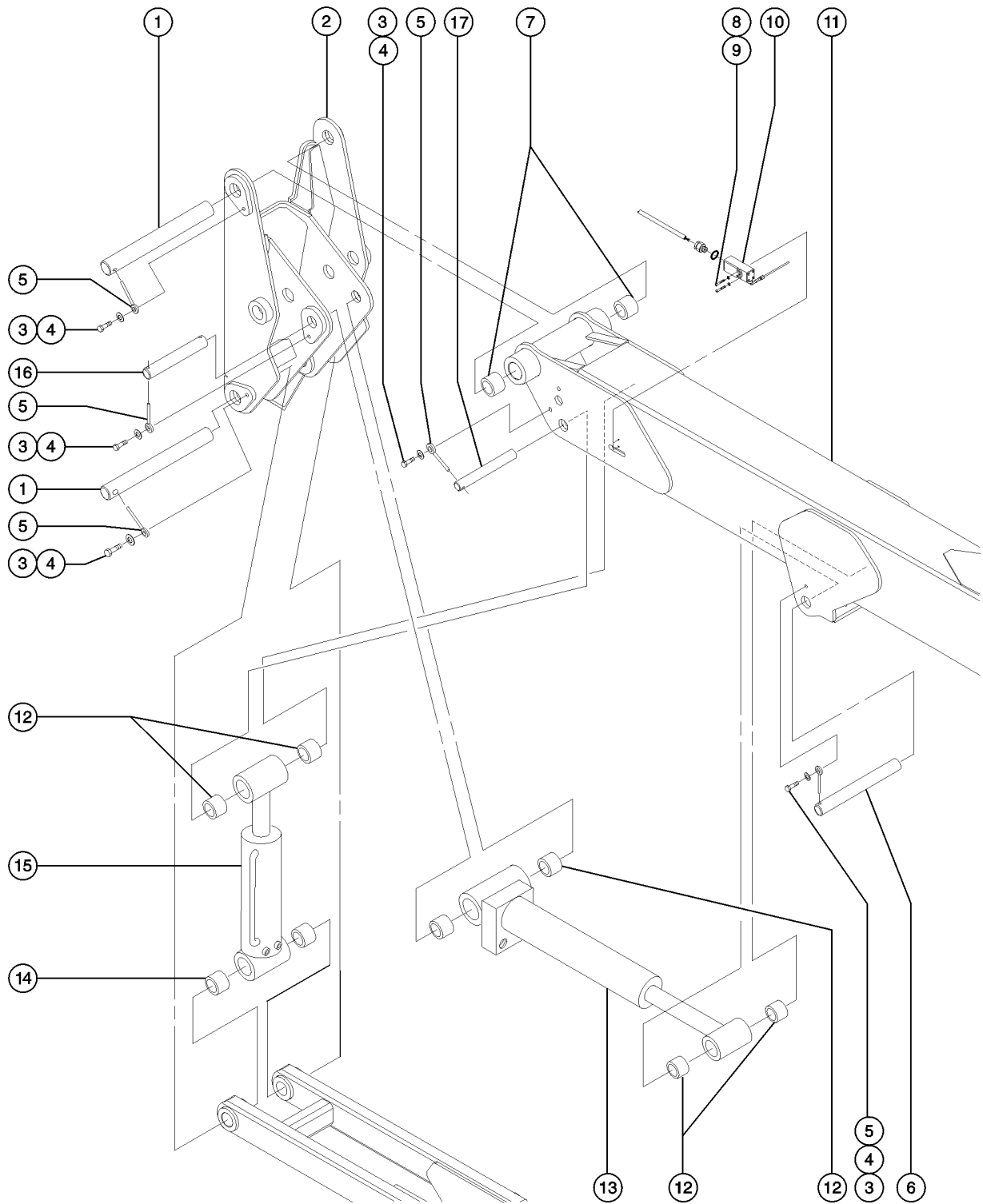
506.1 Cable Track



506.1 Cable Track

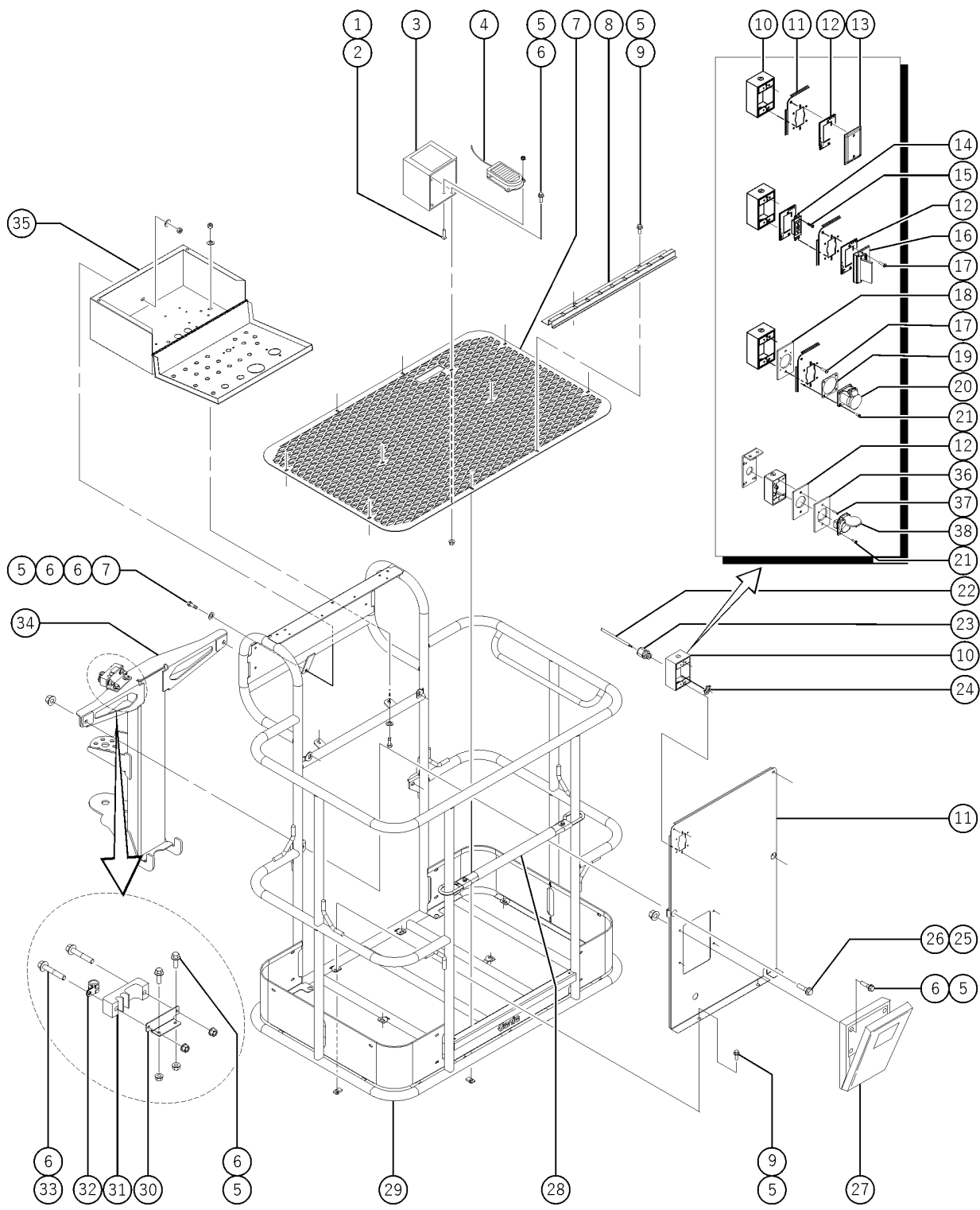
Item	Part No.	Description	Qty.
1		Ref. Primary and Extension Booms (refer to 502.1)	
2	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	10
3	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	16
4	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	4
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	6
6	139537GT	CABLE TRACK,NYLATRAC,26 LINK (to SN Z30ND-1685)	1
6-	139540GT	REPAIR LINK,NYLATRAC,7 LINKS (to SN Z30ND-1685)	
6-	139541GT	BRACKET SET,NYLATRAC,KS400 (to SN Z30ND-1685)	
6-	139542GT	LINK,NYLATRAC,KS400 (to SN Z30ND-1685)	
6B	1309745GT	CABLE TRACK,PA6,29 LINK (from SN Z30ND-1686)	1
6B-	1311787GT	LINK,PA6,CDPS0910,CABLE TRACK (from SN Z30ND-1686)	
6B-	1311837GT	BRACKET SET,CDPS 0912 (from SN Z30ND-1686)	
6B-	1311849GT	CROSS COVER,CDPS 0911 (from SN Z30ND-1686)	
7	56983PGT	CHANNEL,LWR TRAY PLASTIC TK **	
8	824113GT	WASHER,FLAT,USS,1/4,ZAG	3
9	74119PGT	CHANNEL, CABLE TRACK, UPPER	1
10	1288080GT	CLAMP,RUBBER CUSHIONED-2 5/32	3

507.1 Mid Pivot



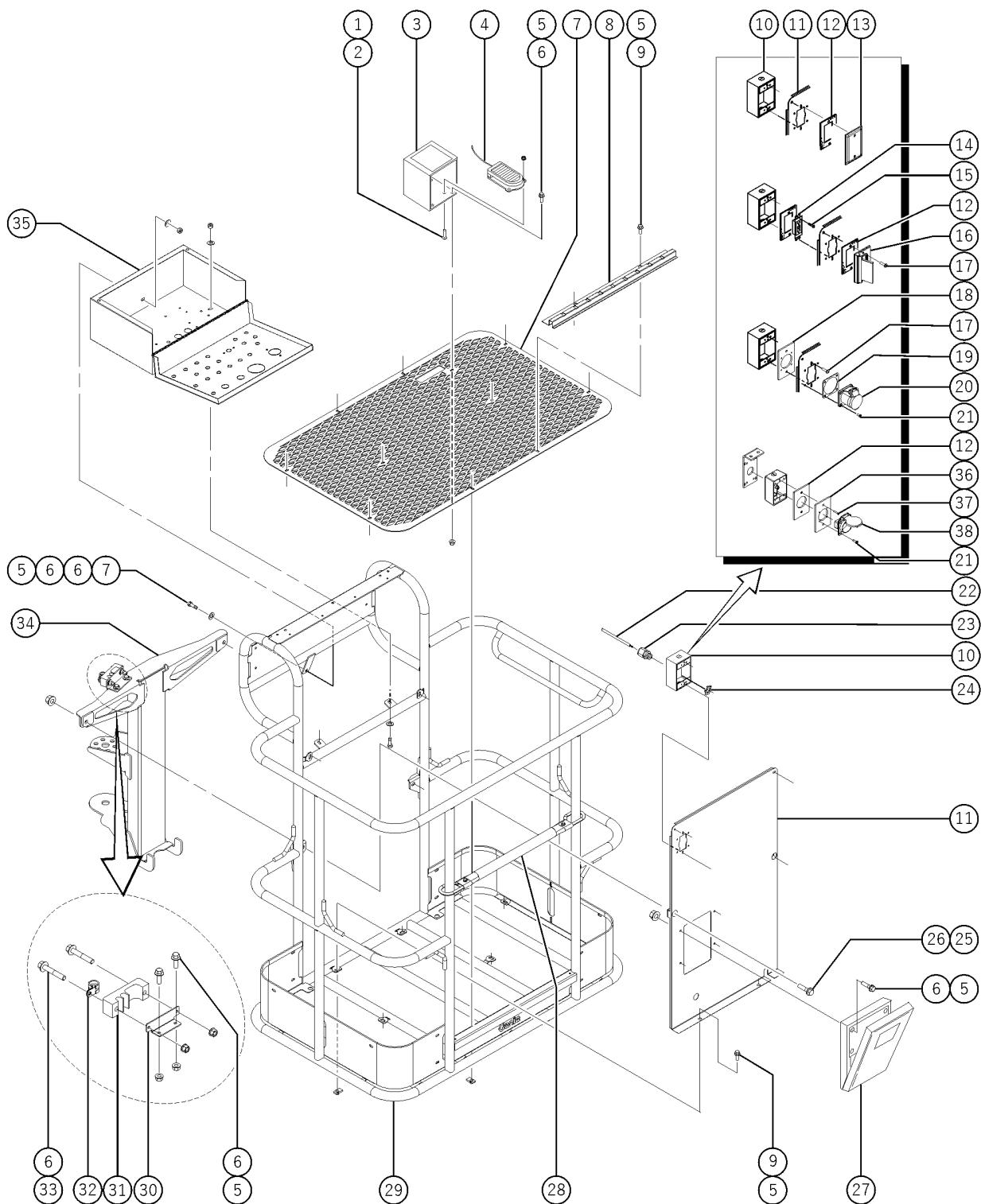
Item	Part No.	Description	Qty.
1	36194GT	PIN,1.50DIAX15.13LG,1HOLE	1
2	40447GT	UPPER MIDPIVOT ASSY,Z34 & Z34N	1
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
4	6021GT	WASHER,LOCK,.375	
5	825019GT	ROD END, .375X3.69, ZAG	3
6	36198GT	PIN,1.25DIAX8.12LG,1HOLE	
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
8	49821GT	SCREW,PHILLIPS,PHM,8-32 X 1.25	
9	6607GT	WASHER,LOCK,#10 PLTD	
10	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM	1
10-	106433GT	LS SPRING WAND (ZCY91)	
10-	106082GT	HARNESS,LS,EXT/RET LS1 Z30	
11		Ref. Primary Boom Tube Assembly (refer to 502.1)	
12	47377GT	BEARING,1.25 ID X 1.5 OD X .75	6
13	94215GT	CYLINDER,PRIMARY LIFT	1
		includes item 12	
13-	94258GT	SEAL KIT, 94215, 94430	
13-	43937GT	VALVE,CB.CBBC-LHN@3200***	
14	52625GT	BEARING,1.50 X 1.66 X 1.5	
15	94216GT	CYLINDER,MASTER	
		includes items 12 and 14	
15-	94259GT	SEAL KIT, 94216	
16	36198GT	PIN,1.25DIAX8.12LG,1HOLE	
17	74091GT	PIN,1.25DIAX9.13LG,1HOLE	1

601.1 Platform



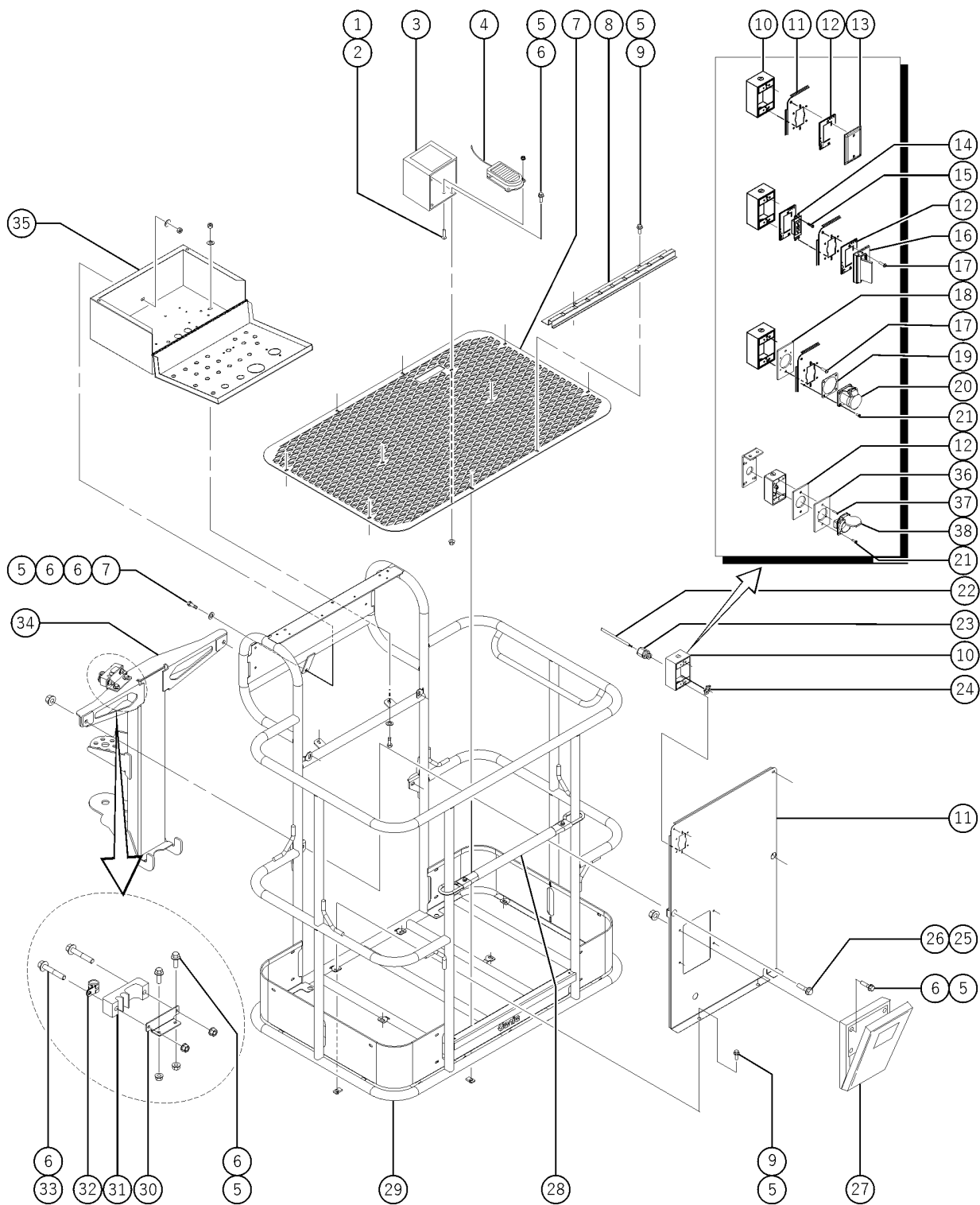
Item	Part No.	Description	Qty.
A-	101985GT	PLAT ASSY W/DECAL(US/CANADA) ANSI and CSA	1
B-	101986GT	PLAT ASSY W/DECAL (CE) CE	1
C-	101987GT	PLAT ASSY W/DECAL (AUSTRALIA) AUS	1
D-	101988GT	PLAT ASSY W/DECAL (ASIA/S.AMER Asia and S. America	1
E-	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
1	824225GT	SCREW,FHPM,10-32X.75,ZAG	2
2	824032GT	NUT, TL FLG, 10-32, F, ZAG	2
3	32710GT	GUARD,FOOTSWITCH,W/DECAL STEEL ANSI, CSA and AUS	
3B	30807P-SGT	FOOTSWITCH HOUSING,PAINTED CE, Asia and S. America	
4	227620GT	ASSEMBLY,FOOT SWITCH	1
4-	227564GT	FOOT SWITCH,20A IP65	1
4-	119058GT	CONN PLUG 4 WAY ENDCAP DT	1
4-	33576GT	CONN,SQZ,BLK,1/2NPT,.38-.50,SM	1
4-	60429GT	LOCK, PLUG 4WAY, 14-18GA	1
4-	73739GT	BOOT,PLUG 4 WAY	1
4-	38681GT	TERMINAL,#10 RING,BLUE,REEL	3
4-	73714GT	TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	4
4-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	60
4-	1257248GT	SCREW, SHC, M4-0.7X8, DIN912,	
4-	1257249GT	WASHER, LOCK, M4, SS	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
6	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
7	56465PGT	FLOORING,PLATFORM 46X30,PAINT US part number	1
7B	1281331GT	FLOORING,PLATFORM, 46X30,METRIC China part number	1
8	56656PGT	PLATFORM STEP * PAINTED US part number, (to SN Z30ND-1399)	1
8B	1281329GT	PLATFORM STEP, METRIC China part number, (to SN Z30ND-1399)	1
9	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
10	1310378GT	T-BOX, 2.75 X 4.5 X 2.0**	1

601.1 Platform



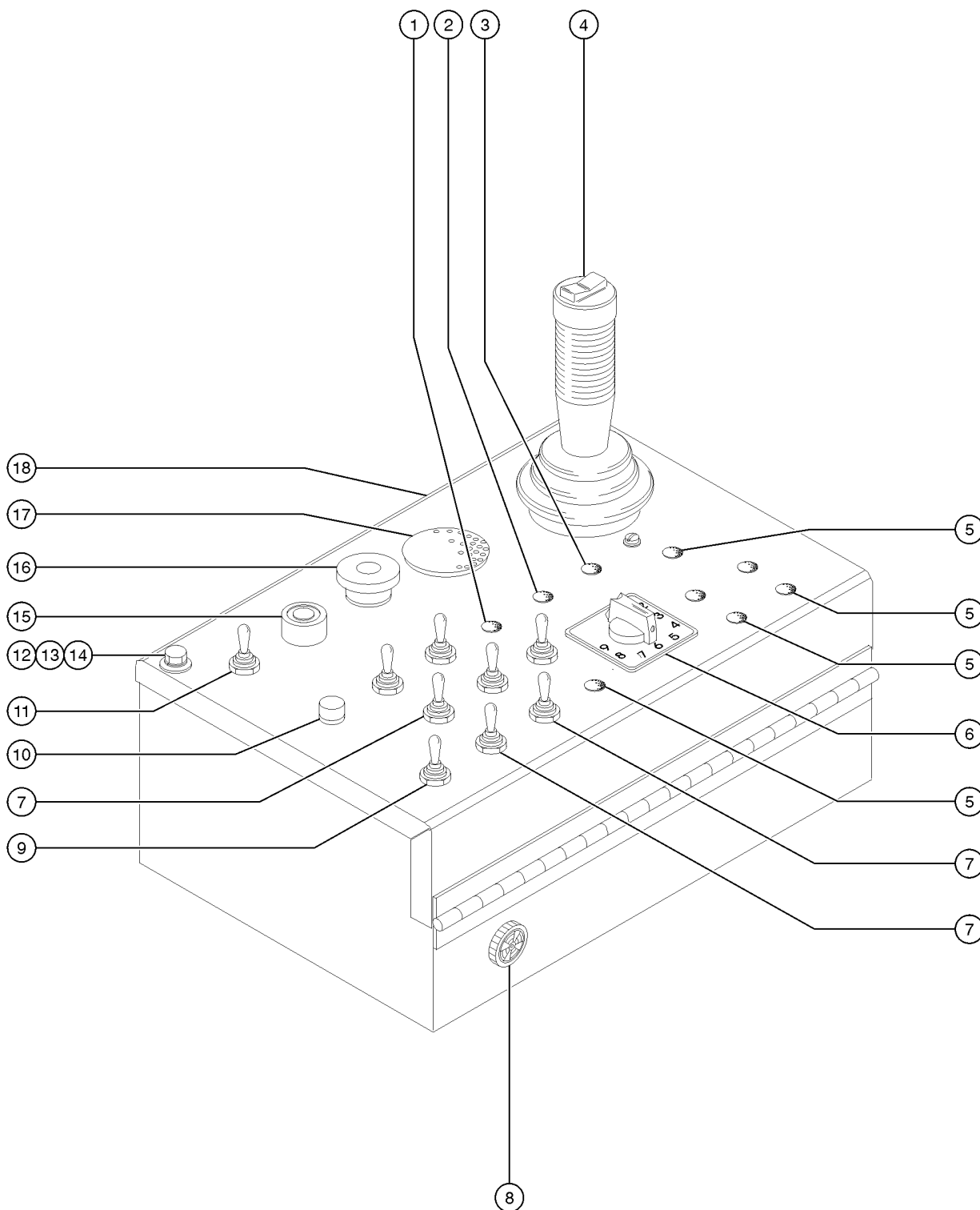
Item	Part No.	Description	Qty.
10B	10775GT	T-BOX,2.75 X 4.5 X 2.0	1
11	1274873GT	FORMING,DECAL PLATE	1
		US part number	
11B	1281271GT	FORMING,DECAL PLATE, METRIC	1
		China part number	
12	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	
13	10777GT	COVER, BLANK	1
14	13585GT	OUTLET 110V	1
		ANSI/CSA	
15	33759GT	SCREW,PHILLIPS,PHM,8-32X.375	2
16	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1
17	824214GT	SCREW,PHPM,6-32X.5,ZAG	2
18	T112561GT	PLATE,UK POWER TO PLATFORM	1
19	66356GT	GASKET, UK RECEPTACLE	1
20	T112560GT	RECEPTACLE,UK,110 VOLT	1
		is included with kit T112563GT	
21	1255788GT	SCREW,FHPM,8-32X.375,ZAG	4
22	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	
		refer to 306.1	
23	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
24	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
25	824087GT	SCREW, HHF, 5/16-18 X 1.25, 8, ZAG	
26	824028GT	NUT,TL FLG,5/16-18,G,ZAG	
27	44743GT	MANUAL BOX W/DECALS***	1
		USA/Canada/Australia	
27B	24514GT	BOX,INSTRUCTION STORAGE	
		Europe/Asia/South America (decals required; refer to Section100)	
28	102992GT	SLIDING MIDRAIL KIT,PTD	1
29	1283373GT	WELDMENT,PLATFORM 46X30	1
		(revision A to SN Z30ND-1399)	
29B	1298604GT	WELDMENT, PLATFORM, SWING GATE,4FT	1
		(swing gate option)	
30	128667GT	BRACKET, CABLE STRAIN RELIEF	1
		US part number	
30B	1281272GT	BRACKET, CABLE STRAIN RELIEF, METRIC	1
		China part number	
31	128668GT	CLAMP,CABLE STRAIN RELIEF	1
32	128669GT	BACKING PLATE, PLATFORM CLAMP	1
		US part number	
32B	1281273GT	BACKING PLATE, PLATFORM CLAMP, METRIC	1
		China part number	

601.1 Platform



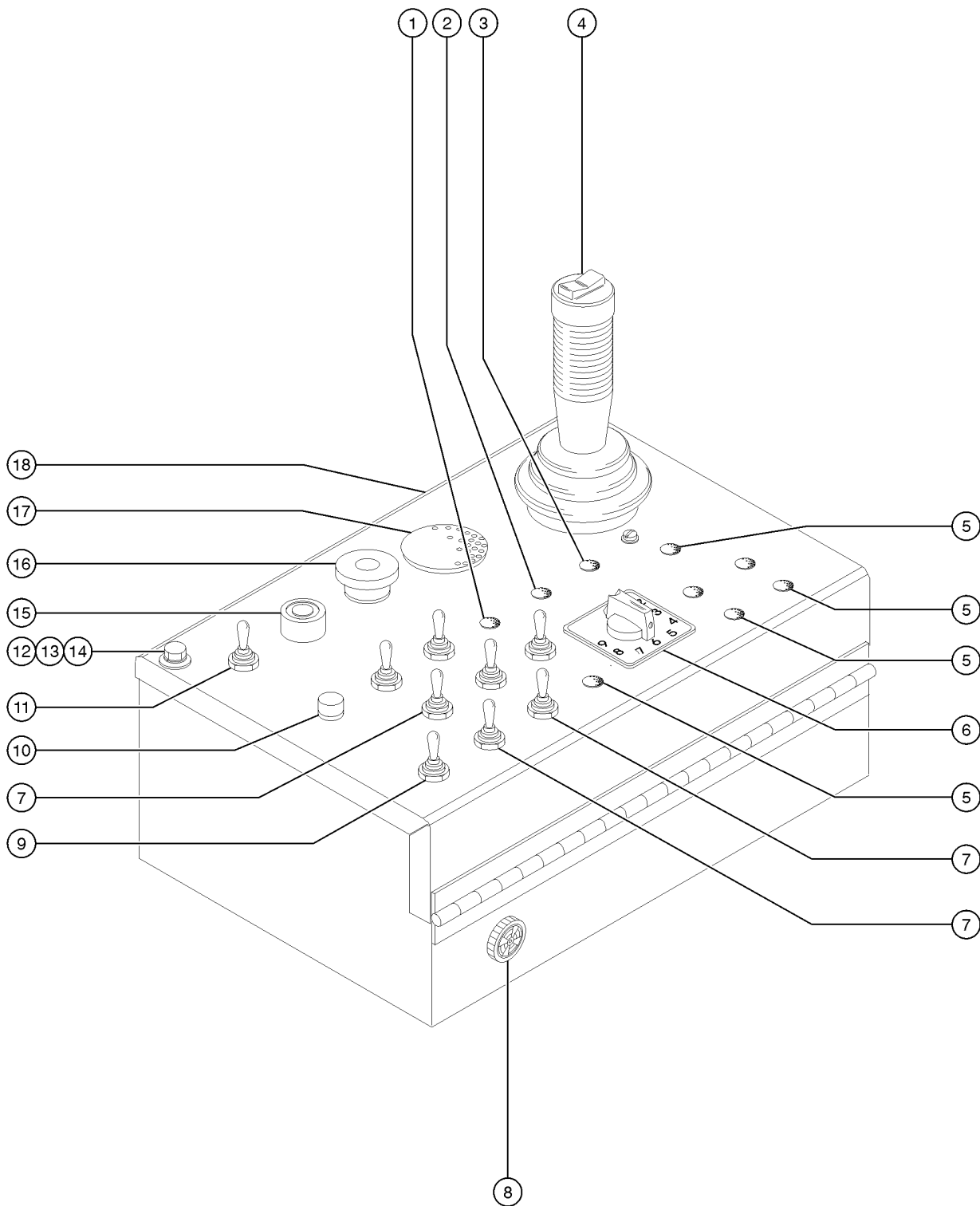
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
33	824081GT	SCREW, HHF, 1/4-20 X 1.5, 8, ZA	
34	56500-SGT	WELDMENT, PLATFORM SUPPORT*** refer to 905.1 for Platform Overload option, (to SN Z30ND-1399)	1
35		Ref. Platform Control Box (refer to 602.1 and 603.1)	
		refer to 603.1 Platform Controls	
36	236966GT	PLATE, EURO POWER TO PLATFORM	1
		EU plug option	
37	63375GT	SCREW, FHM, 6-32 X .75	2
		EU plug option	
38	66353GT	RECEPTACLE, DIN, 220V 50A	1
		EU plug option	

602.1 Platform Controls - External View



Item	Part No.	Description	Qty.
1	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
1B	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
		option, jib boom rotate switch	
2	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
2B	824878GT	LIGHT,LED IND. RED 24V NH	
		option, machine not level indicator light	
3	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
3B	824878GT	LIGHT,LED IND. RED 24V NH	
		option, platform overload indicator light	
4		Ref: JOYSTICK,5K-0 OHM,W/RELAY	
		12-pin connector, refer to 604.1	
5	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	6
6	56886GT	CONTROLLER,ROTARY 24V W/RAMP	1
		refer to 605.1	
6-	35680GT	LEGEND,PLSTC,"CREEP TO 9"***	
		for 56886	
7	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	7
8	45383GT	ALARM,WARBLE TONE 5-30 VDC***	1
		nut ring not included	
8-	72326GT	NUT - PLASTIC,RING FOR ALARMS	1
9	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
		drive enable switch	
10	824878GT	LIGHT,LED IND. RED 24V NH	1
		drive enable indicator light	
11	128581GT	SWITCH TOGGLE DPDT 2P MOM SHDR	1
		auxiliary power switch	
12	6090GT	SCREW, HHC, 1/4-20 X .75	
13	6356GT	WASHER,LOCK,.25	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	122513GT	KIT,HORN SVC BB&SM BOOM	1
15-	66813GT	BUTTON,PUSH,BLACK W/SEAL***	
15-	66815GT	BASE, W/1 N.O. CONTACTS***	
16	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
16-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
16-	66821GT	BASE,WITHOUT CONTACTS	
16-	66818GT	CONTACT,NC	
16-	226321GT	BOOT(BELLOWS),E-STOP, RED	
17	45840GT	PLUG,NYLON 2.00 BLACK DOMED	1
		refer to 903.1 for battery charge indicator option	

602.1 Platform Controls - External View

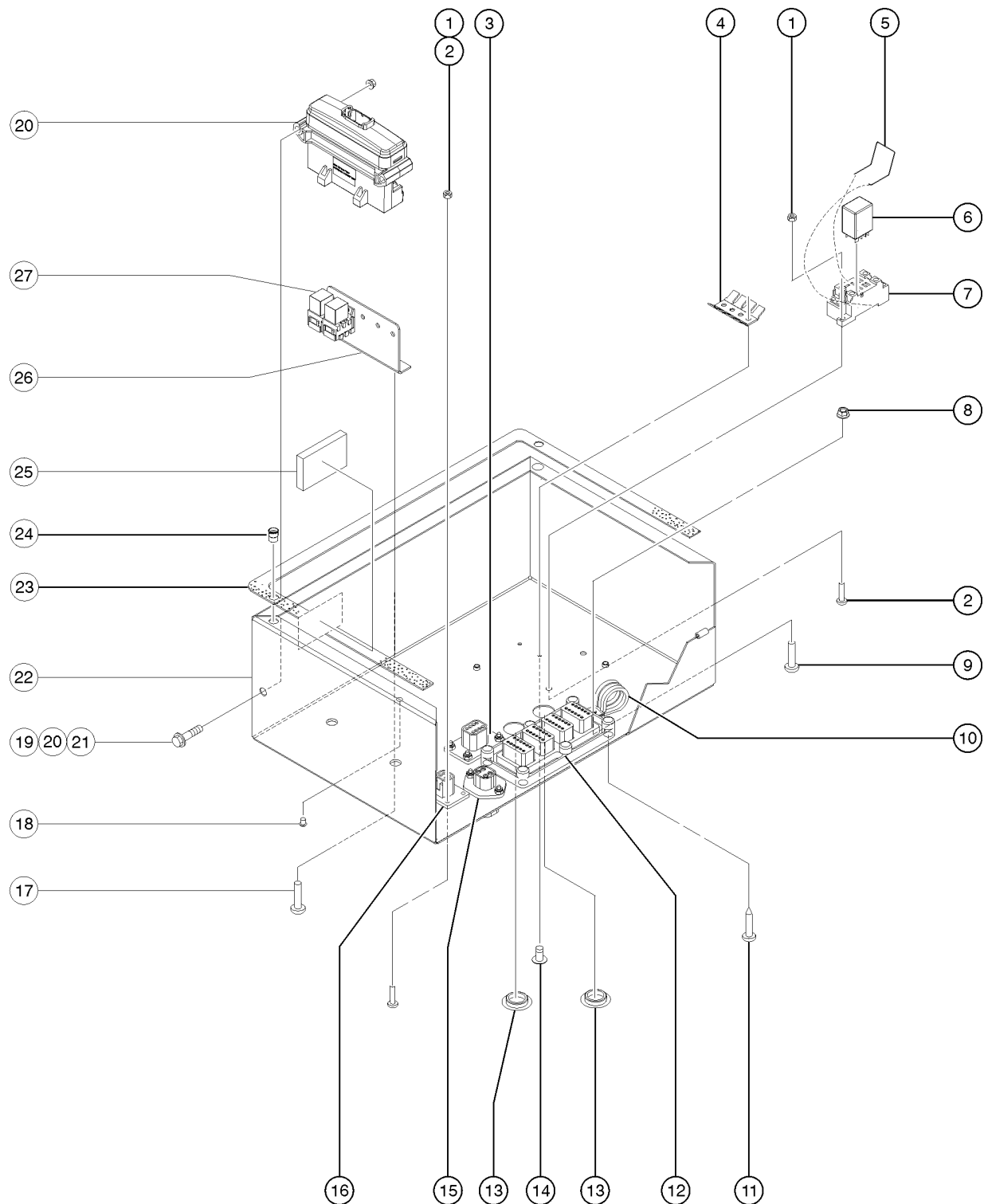


602.1 Platform Controls - External View

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
18		ref. Platform Control Box refer to 603.1	

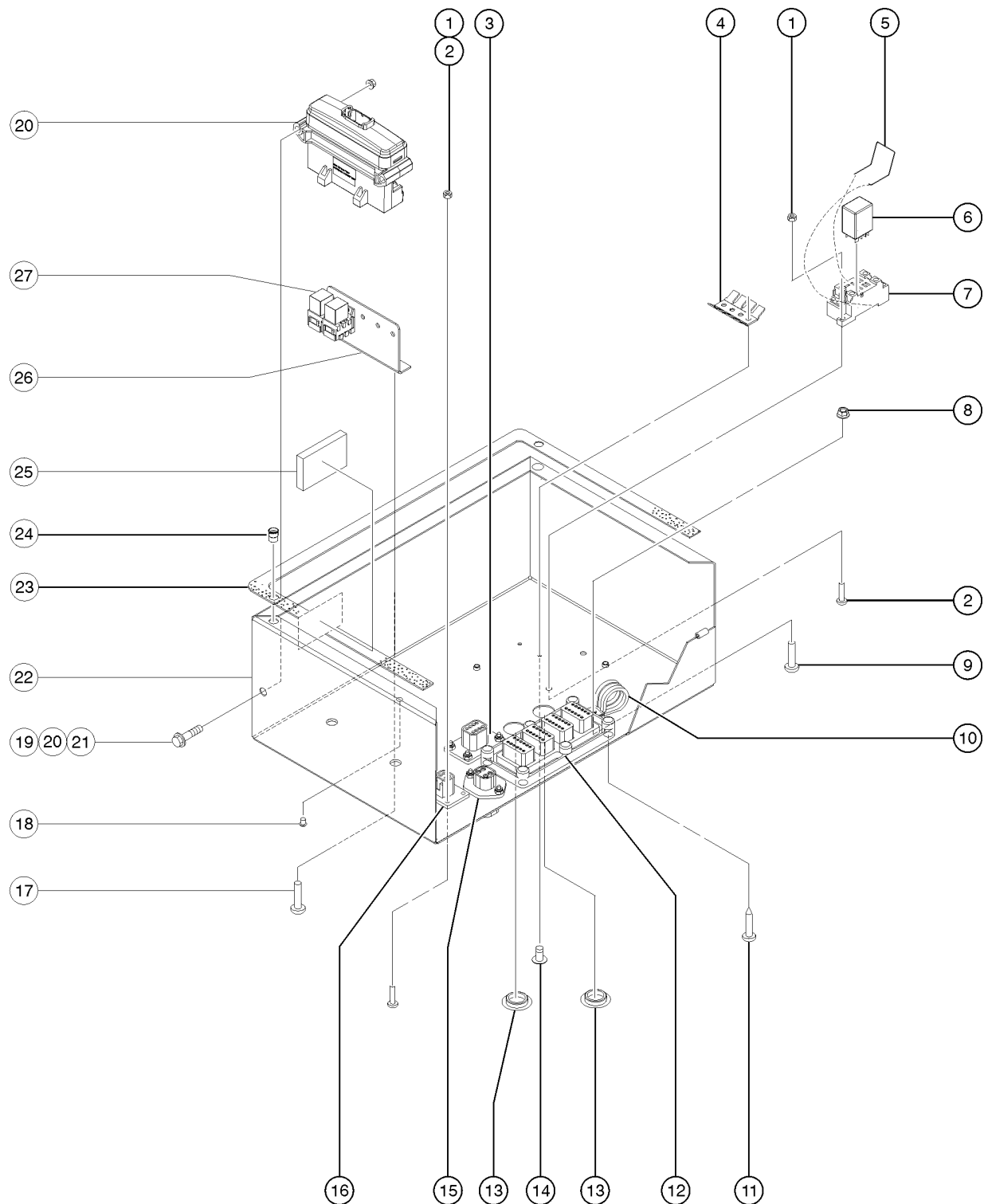


603.1 Platform Controls - Internal View



Item	Part No.	Description	Qty.
A-	147253GT	TIME DELAY RELAY,2 SEC,24VDC	
B-	147389GT	HARNESS, LOAD SENSE, Z30/34DC	
1	824019GT	NUT, TL, 6-32, A, ZAG	
2	824214GT	SCREW,PHPM,6-32X.5,ZAG	1
3	87755GT	CONN, RECEP, 8 WAY, DEUTSCH, DT, GRAY/FLANGE	1
4	56663GT	TERMINAL STRIP	
5	42617GT	CLIP,SPRING,POTTER BRUMFIELD	1
6	823226GT	POWER RELAY, 24V COIL	1
		for drive light option	
7	61226GT	RELAY SOCKET,70AMP	1
8	824032GT	NUT, TL FLG, 10-32, F, ZAG	1
9	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	1
10	13268GT	CLAMP, 0.75, #12 X 1/4, RUB CUSH	1
		to SN 16278	
10B	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	1
		from SN 16279	
11	824226GT	SCREW,PHPSH,#12-11X.75,ZAG	
12	73736GT	CONN,RECEP 48 WAY,4 X 12	1
		connects to 18/19 cable harnesses; refer to 306.1	
12B	54255GT	LOCK,RECEP 12 WAY, 14-18GA	
12C	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
13	15243GT	PLUG,NYLON .875 BLACK DOMED	2
14	824206GT	RIVET, STL, STL, DOME, 1/8 X .25, ZAG	4
15	73717GT	CONN,RECEP 4 WAY,12-14GA FL***	1
		connects to 12/3 cable harness; refer to 306.1	
15B	60526GT	LOCK,RECEP 4 WAY,12-14GA	
15C	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
16	73723GT	CONN RECEPT,FLANGED	1
		connects to foot switch harness; refer to 601.1	
16B	54259GT	TERM,NI PIN, 14-16GA,BULK	
16C	60443GT	LOCK, RECEP 4WAY, 14-18GA	
17	21858GT	PLUG,NYLON .38 BLACK DOMED	2
		ANSI models	
17B	824079GT	SCREW,HHF,1/4-20X1.8,ZAG	
		CE models; from SN 16279	
18	42781GT	PLUG, NYLON .250 BLACK DOMED	4

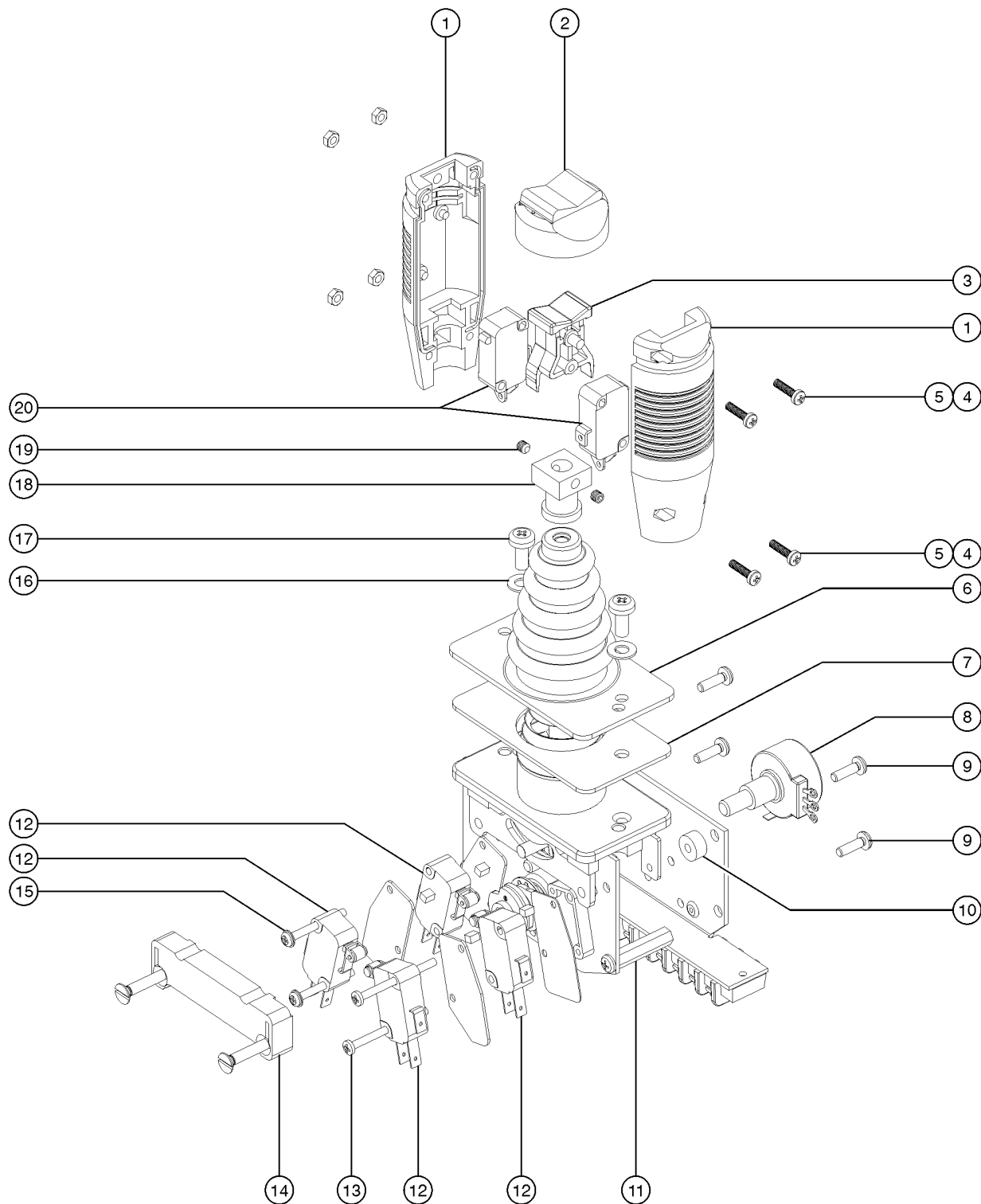
603.1 Platform Controls - Internal View



603.1 Platform Controls - Internal View

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
19	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	2
20		Ref. MODULE, PLUS+1, OPA2 refer to 813.2 Lift Guard Contact Alarm	
21	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
22	110649GT	PLATFORM CONTROL BOX W/DECAL enclosure/lid only; includes items 1, 2 and 21	1
23	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
24	36235GT	GASKET,PLAT.CONTROL BOX	1
25	30997GT	CORROSION INHIBITOR,FOAM	1
26	T106699GT	BRACKET,RELAY MOUNT W/INSERTS CE models; from SN 16279; includes nutserts	1
27	56302GT	RELAY,24VDC,40/30A,SEALED*** CE models; from SN 16279	2

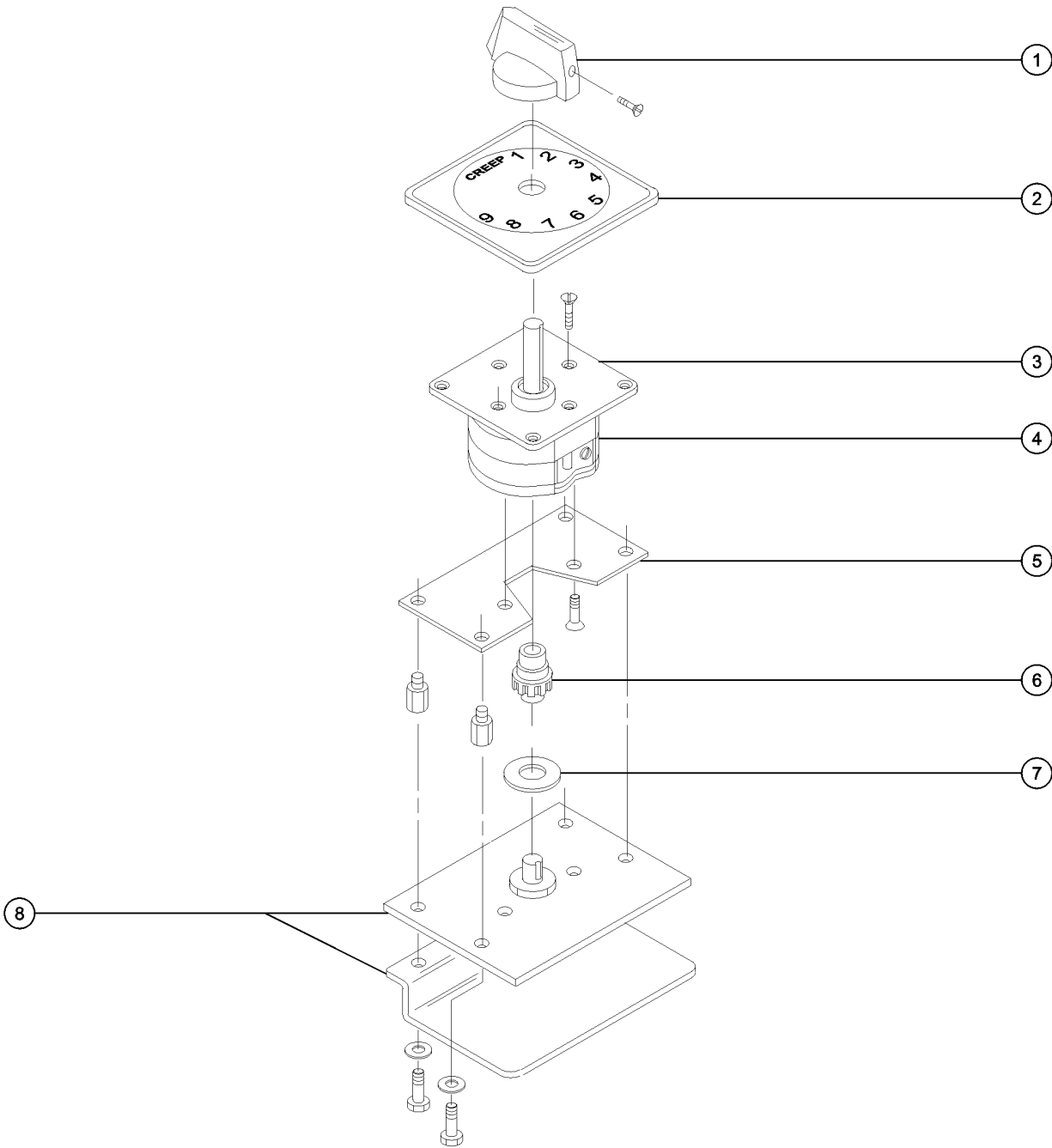
604.1 Joystick Controller



604.1 Joystick Controller

Item	Part No.	Description	Qty.
	234923GT	JOYSTICK,5K-0 OHM,W/RELAY	1
1	52887GT	HANDLE HALF (56274)	2
2	43038GT	BOOT-THUMB ROCKER** BLACK	1
3	65178GT	ROCKER ASSY W/ROLLPIN*** black plastic	1
4	52895GT	SCREW,PHM,M3 X .5 X 12MM	4
5	52928GT	NUT-HEX,3M X 0.5MM	4
6	21427GT	BOOT,CONTROLLER**	1
7	43042GT	GASKET,JOYSTK.SHAFT36867/42032	1
8	72298GT	POTENTIOMETER (56773)	1
9	65546GT	SCREW,PHM,M3.5 X 12MM (57890)	6
10	74368GT	SPACER-POT.PLATE,JOYSTICK56773	2
11	19721GT	MICROSWITCH SPACER,45049	1
12	19712GT	MICROSWITCH,V3L-139-D8	4
13	52892GT	SCREW,PHS,4-40 X 1.5	2
14	19713GT	SPRING RETURN,HEAVY DUTY,45049	1
15		ref. SCREW, 4-40 x 1/18"	2
16	74362GT	WASHER,NYLON, JOYSTICK	2
17	226383GT	SCREW	2
18	43040GT	NUT,JS,36867/42032/44988/40612 coupling	1
19	58985GT	SCREW,HANDLE42032,40612,36867	2
20	19722GT	MICROSWITCH-V319M***	2

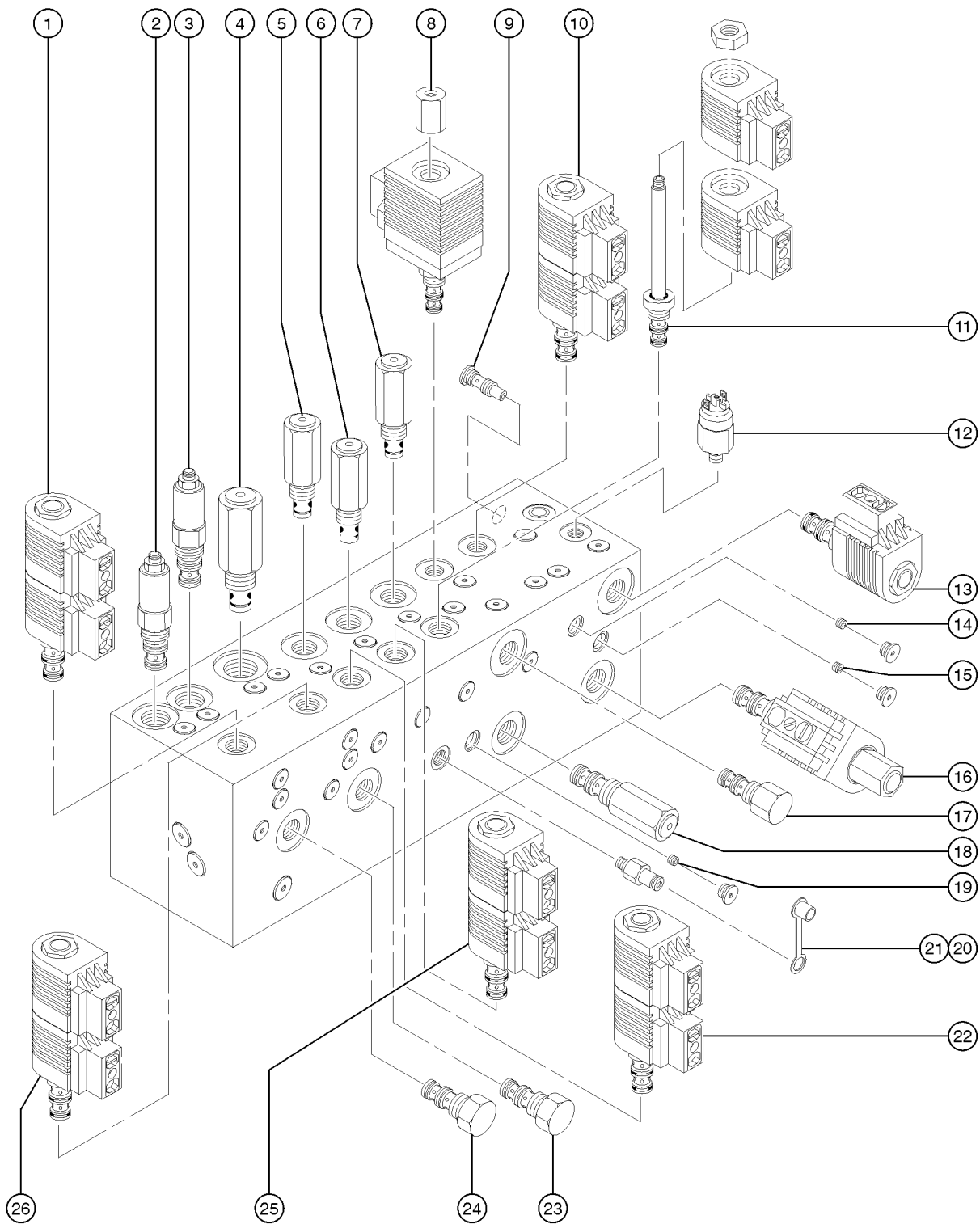
605.1 Rotational Controller



605.1 Rotational Controller

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	56886GT	CONTROLLER,ROTARY 24V W/RAMP	1
1	35679GT	KNOB, 45048 CONTROLLER	1
2	35680GT	LEGEND,PLSTC,"CREEP TO 9"***	1
3	35678GT	MOUNTING PLATE, 45048	1
4	74356GT	SWITCH ASSEMBLY (56886)	1
5	74357GT	PLATE,ROTARY CNTRL (56886)	1
6	74358GT	COUPLING,POT SHAFT (56886)	1
7	74359GT	GASKET-ROTARY CNTRL 56886	1
8	74384GT	PRINTED CIRCUIT BOARD 56886	1

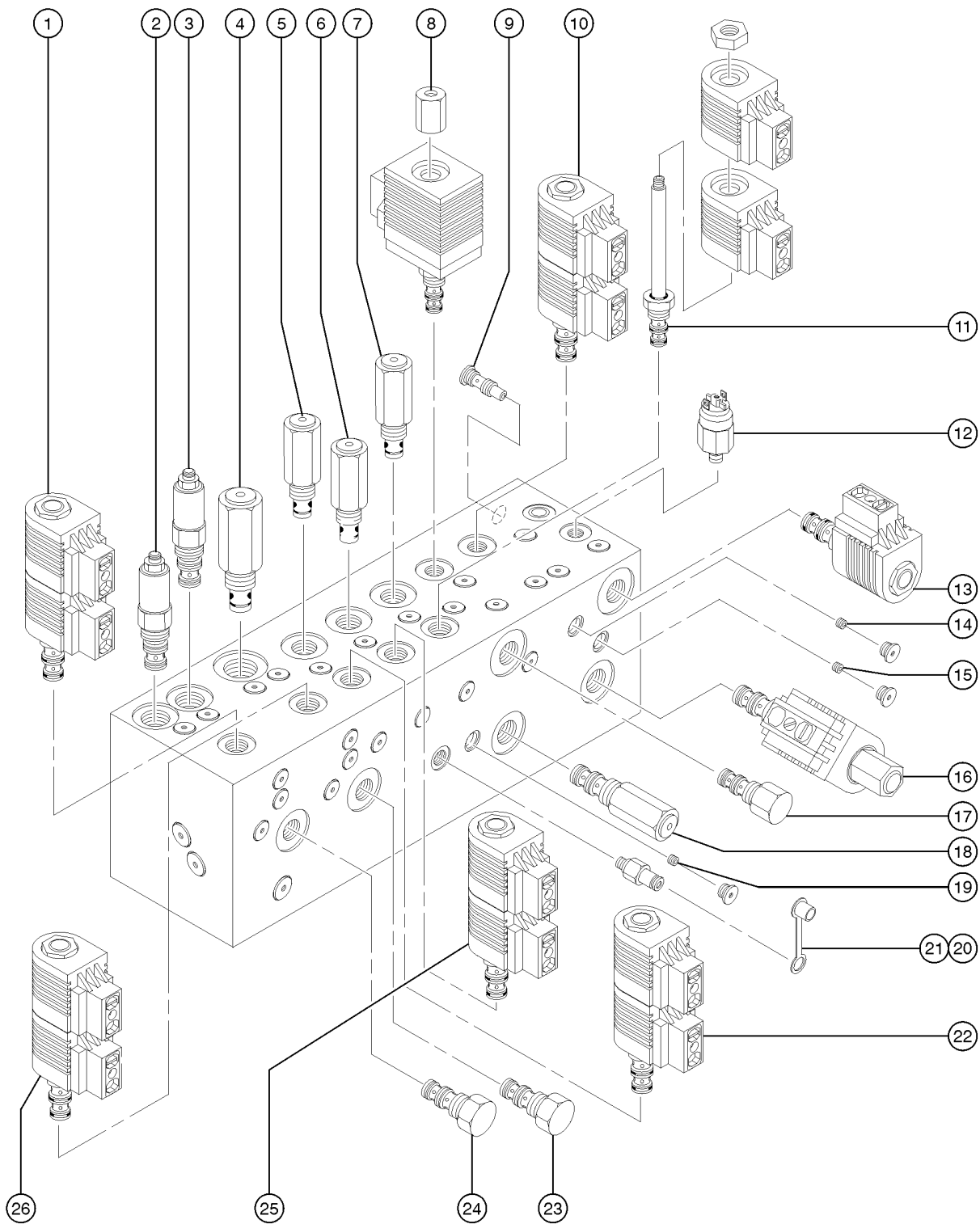
701.1 Function Manifold



701.1 Function Manifold

Item	Part No.	Description	Qty.
A-	128444GT	MANIFOLD,FUNC,Z30N/Z34DC/BE complete manifold; models without a rotating jib	1
A2	1295166GT	MANIFOLD,FUNC,Z30N/Z34DC/BE W/ DT CONN complete manifold; models without a rotating jib	
B-	128443GT	MANIFOLD,FUNC,Z30NRJ complete manifold; models with a rotating jib	
B2	1295165GT	MANIFOLD,FUNC,Z30NRJ W/ DT CONN complete manifold; models with a rotating jib	
C-	49612GT	O-RING KIT (ORFS FITTINGS)	
D-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
E-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
F-	33994GT	PLUG AND CAP KIT-SERVICE,37 **	
G-	1260124GT	PLUG, 6 SAE, TAPERED, BUNA	6
H-	69550GT	PLUG,ORB #4	22
I-	1260127GT	PLUG, EXPANDER (8MM)	22
1	52599GT	VALVE,SOLENOID,3POS/4WAY* platform level up/down, to Z30ND-1815	1
1-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
1-	52943GT	NUT, SOLENOID VALVE COIL	
1-	72047GT	SEAL KIT, SOLENOID VALVE	
1B	1296559GT	VALVE,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER (platform level up/down, from Z30ND-1816)	
1B-	1309250GT	VALVE BODY,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER W/O COIL	
1B-	1309077GT	COIL,SOLND,W/D,20V,DEUTSCH	
1B-	102940GT	NUT,SOLENOID VALVE	
1B-	122120GT	SEAL KIT, SOLENOID VALVE	
2	52604GT	VALVE,COUNTERBALANCE, 3000PSI platform level down	1
2-	58994GT	SEAL KIT,VALVE (48647)	
3	52604GT	VALVE,COUNTERBALANCE, 3000PSI platform level up	1
3-	58994GT	SEAL KIT,VALVE (48647)	
4	52603GT	VALVE,RELIEF,1100PSI*** turntable rotate left/right	1
4-	110199GT	SEAL KIT, VALVE, #10	
5	52601GT	VALVE,RELIEF,1600 PSI secondary boom down	1
5-	74902GT	SEAL KIT, VALVE	

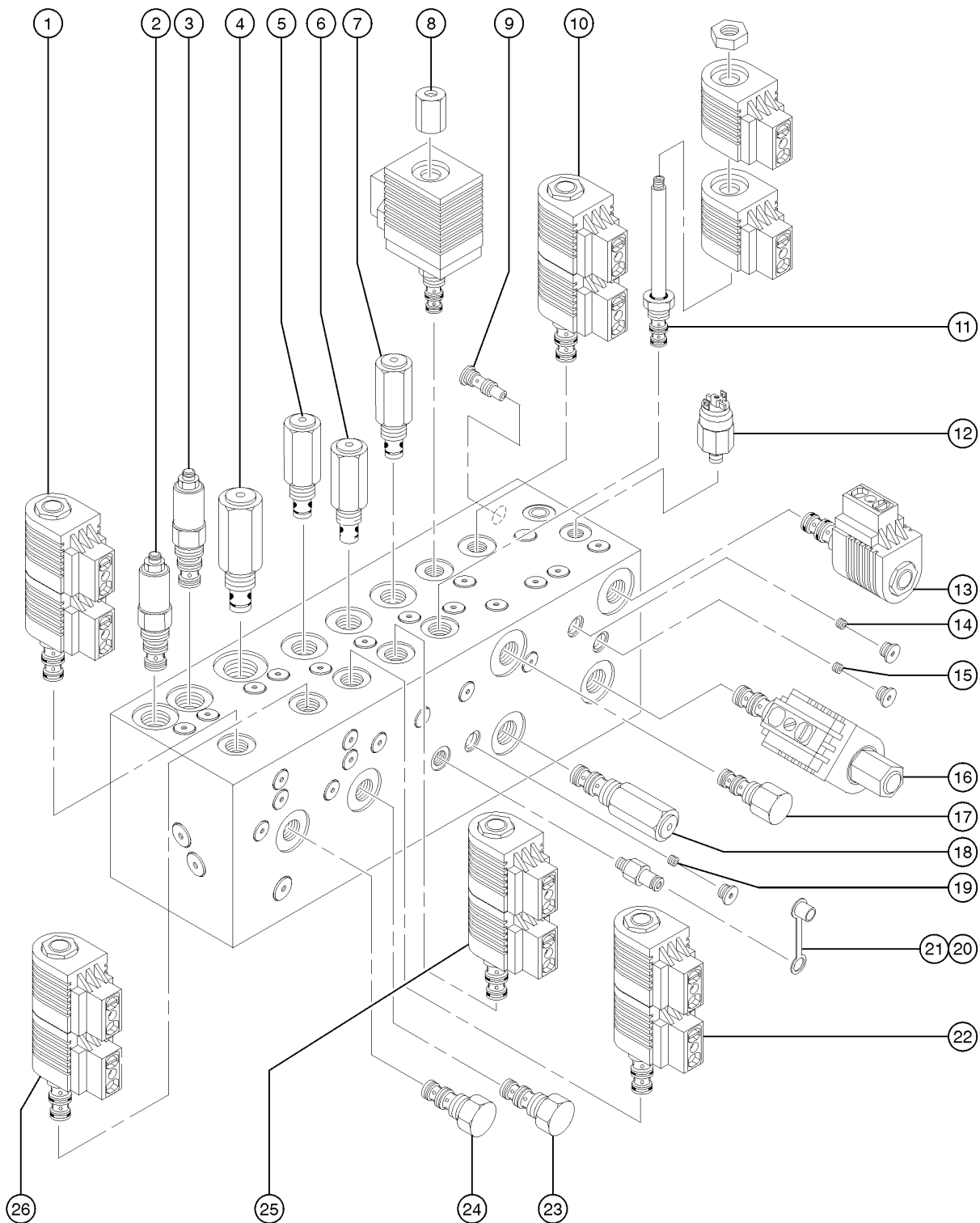
701.1 Function Manifold



701.1 Function Manifold

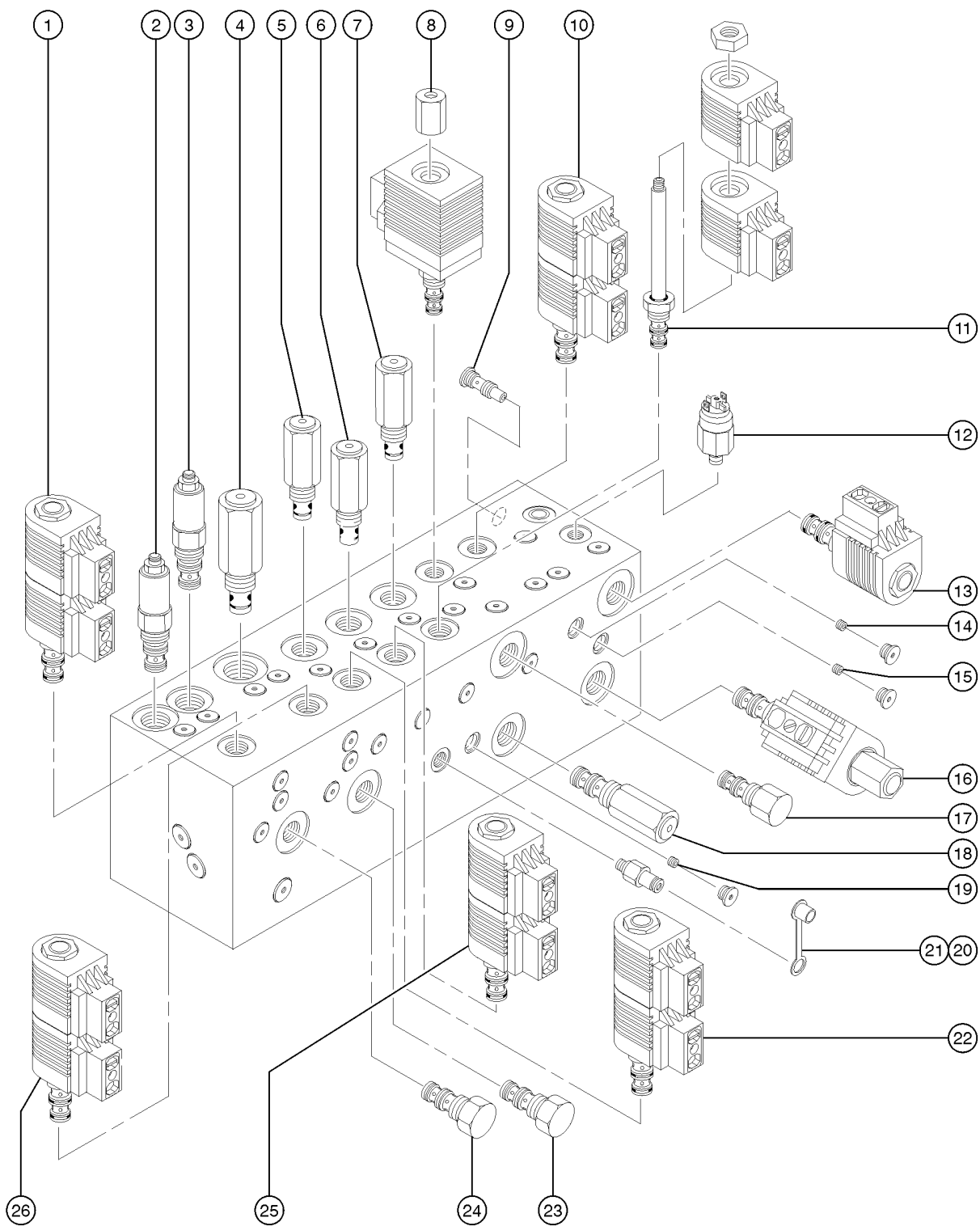
Item	Part No.	Description	Qty.
6	52601GT	VALVE,RELIEF,1600 PSI primary boom down	1
6-	74902GT	SEAL KIT, VALVE	
7	31527GT	VALVE,RELIEF 1800 PSI primary boom extend; models with rotating jib	1
7-	74902GT	SEAL KIT, VALVE	
8	40410GT	VALVE,PROPORTIONAL** system flow regulating unit, to Z30ND-1815	1
8-	29032GT	COIL,24V SOLENOID VALVE	
8-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
8-	89310GT	SEAL KIT, SOLENOID VALVE	
8B	1296561GT	VALVE,PROPORTIONAL, 24V (system flow regulating unit, from Z30ND-1816)	
8B-	322185GT	COIL, 24V SOLENOID VALVE	
8B-	62276GT	NUT, SOLENOID VALVE COIL	
9	43599GT	VALVE,CHECK brake circuit	1
9-	110200GT	SEAL KIT, VALVE, #4	
10	52885GT	VALVE,SOLENOID,3POS 4WAY steer left/right, to Z30D-1815	1
10-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
10-	52943GT	NUT, SOLENOID VALVE COIL	
10-	72047GT	SEAL KIT, SOLENOID VALVE	
10B	1296558GT	VALVE,SPOOL, SOLENOID,3POS-4WAY, CLOSED CENTER turntable rotate left/right, from Z30D-1816	1
10B-	1309249GT	VALVE BODY,SPOOL, SOLENOID,3POS-4WAY, CLOSED CENTER W/O COIL	
10B-	1309077GT	COIL,SOLND,W/D,20V,DEUTSCH	
10B-	102940GT	NUT,SOLENOID VALVE	
10B-	122120GT	SEAL KIT, SOLENOID VALVE	
11	52599GT	VALVE,SOLENOID,3POS/4WAY* primary boom extend/retract, to Z30D-1815	1
11-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
11-	52943GT	NUT, SOLENOID VALVE COIL	
11-	72047GT	SEAL KIT, SOLENOID VALVE	
11B	1296559GT	VALVE,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER (platform level up/down, from Z30ND-1816)	1
11B-	1309250GT	VALVE BODY,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER W/O COIL	

701.1 Function Manifold



Item	Part No.	Description	Qty.
11B-	1309077GT	COIL,SOLND,W/D,20V,DEUTSCH	
11B-	102940GT	NUT,SOLENOID VALVE	
11B-	122120GT	SEAL KIT, SOLENOID VALVE	
12	1287986GT	SWITCH,PRESS,#6SAE,600 PSI pressure switch; brake circuit	1
13	45544GT	VALVE SOLENOID brake circuit, to Z30D-1815	1
13-	40413GT	COIL,SOLND,W/D,20V SGL SPADE single-spade coil	
13-	52339GT	COIL,SOLND,W/D,20V DUAL SPADE dual-spade coil	
13-	52943GT	NUT, SOLENOID VALVE COIL	
13-	74902GT	SEAL KIT, VALVE	
13B	1296557GT	VALVE,SOLENOID,NC,PILOT-OPERATED,POPPET brake circuit, from Z30D-1816	1
13B-	1309248GT	VALVE BODY,SOLENOID,NC,PILOT-OPERATED,POPPET W/O COIL	
13B-	1309077GT	COIL,SOLND,W/D,20V,DEUTSCH	
13B-	106079GT	KIT, COIL & NUT SAUER EDH VALVE	
13B-	1309078GT	SEAL KIT	
14	19789GT	PLUG,ORIFICE-.045 brake circuit	1
15	19789GT	PLUG,ORIFICE-.045 brake and steer circuit	1
16	44956GT	VALVE,SOLENOID 20V W/DIODE brake circuit, to Z30D-1815	1
16-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
16-	45912GT	NUT,SOLENOID VALVE 2P3W	
16-	74902GT	SEAL KIT, VALVE	
16B	1296556GT	VALVE,SOLENOID,NO,PILOT-OPERATED,POPPET brake circuit, from Z30D-1816	1
16B-	1309247GT	VALVE BODY,SOLENOID,NO,PILOT-OPERATED,POPPET W/O COIL	
16B-	1309077GT	COIL,SOLND,W/D,20V,DEUTSCH	
16B-	106079GT	KIT, COIL & NUT SAUER EDH VALVE	
16B-	1309078GT	SEAL KIT	
17	74425GT	VALVE,DIFF.SENSE*** differential sensing circuit	1
17-	110197GT	SEAL KIT, VALVE, #10	
18	52715GT	VALVE,RELIEF 3200 PSI system relief	1

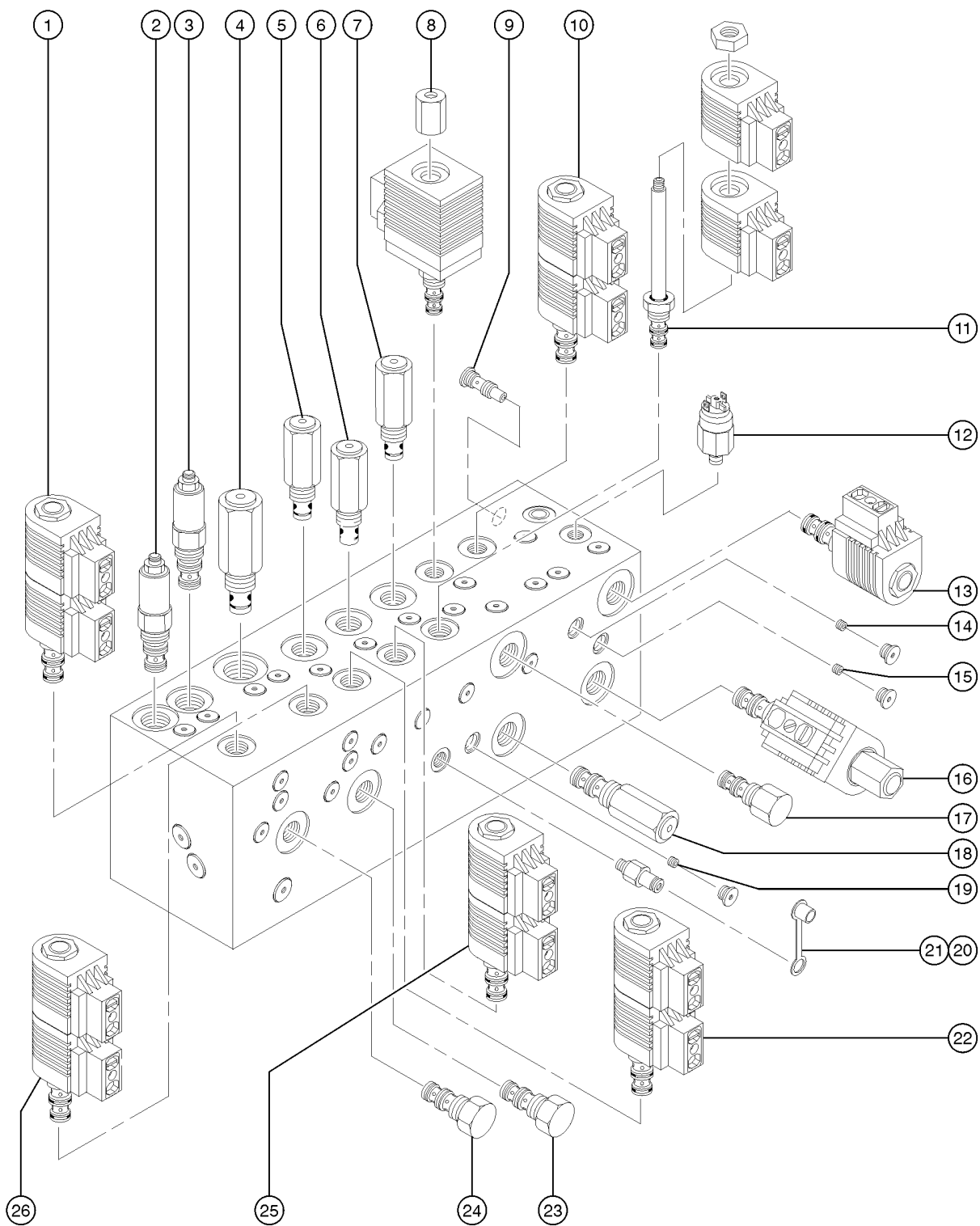
701.1 Function Manifold



701.1 Function Manifold

Item	Part No.	Description	Qty.
18-	74902GT	SEAL KIT, VALVE	
19	94019GT	ORIFICE, 0.035" (74512,74966)	
		tank return circuit	
20	48880GT	CAP,DIAGNOSTIC NIPPLE	1
21	48997GT	NIPPLE,DIAGNOSTIC,#4	1
		testing	
21B	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
22	52599GT	VALVE,SOLENOID,3POS/4WAY*	1
		secondary boom up/down, to Z30D-1815	
22-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
		single spade	
22-	52943GT	NUT, SOLENOID VALVE COIL	
22-	72047GT	SEAL KIT, SOLENOID VALVE	
22B	1296559GT	VALVE,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER	1
		(platform level up/down, from Z30ND-1816)	
22B-	1309250GT	VALVE BODY,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER W/O COIL	
22B-	1309077GT	COIL,SOLND,W/D,20V,DEUTSCH	
22B-	102940GT	NUT,SOLENOID VALVE	
22B-	122120GT	SEAL KIT, SOLENOID VALVE	
23	19470GT	VALVE,FLOW REGULATOR	1
		turntable rotate circuit, to Z30D-1815	
23B	1296560GT	VALVE,FIXED PRESSURE, FLOW CONTROL, 1.8 GPM	1
		turntable rotate circuit, from Z30D-1816	
23B-	74902GT	SEAL KIT, VALVE	
24	52598GT	VALVE,FLOW REGULATOR .8 GPM	1
		jib boom/platform rotate circuit	
25	52599GT	VALVE,SOLENOID,3POS/4WAY*	1
		primary boom up/down, to Z30D-1815	
25-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
		single spade	
25-	52943GT	NUT, SOLENOID VALVE COIL	
25-	72047GT	SEAL KIT, SOLENOID VALVE	
25B	1296559GT	VALVE,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER	1
		(platform level up/down, from Z30ND-1816)	
25B-	1309250GT	VALVE BODY,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER W/O COIL	
25B-	1309077GT	COIL,SOLND,W/D,20V,DEUTSCH	
25B-	102940GT	NUT,SOLENOID VALVE	
25B-	122120GT	SEAL KIT, SOLENOID VALVE	
26	52885GT	VALVE,SOLENOID,3POS 4WAY	1
		turntable rotate left/right, to Z30D-1815	

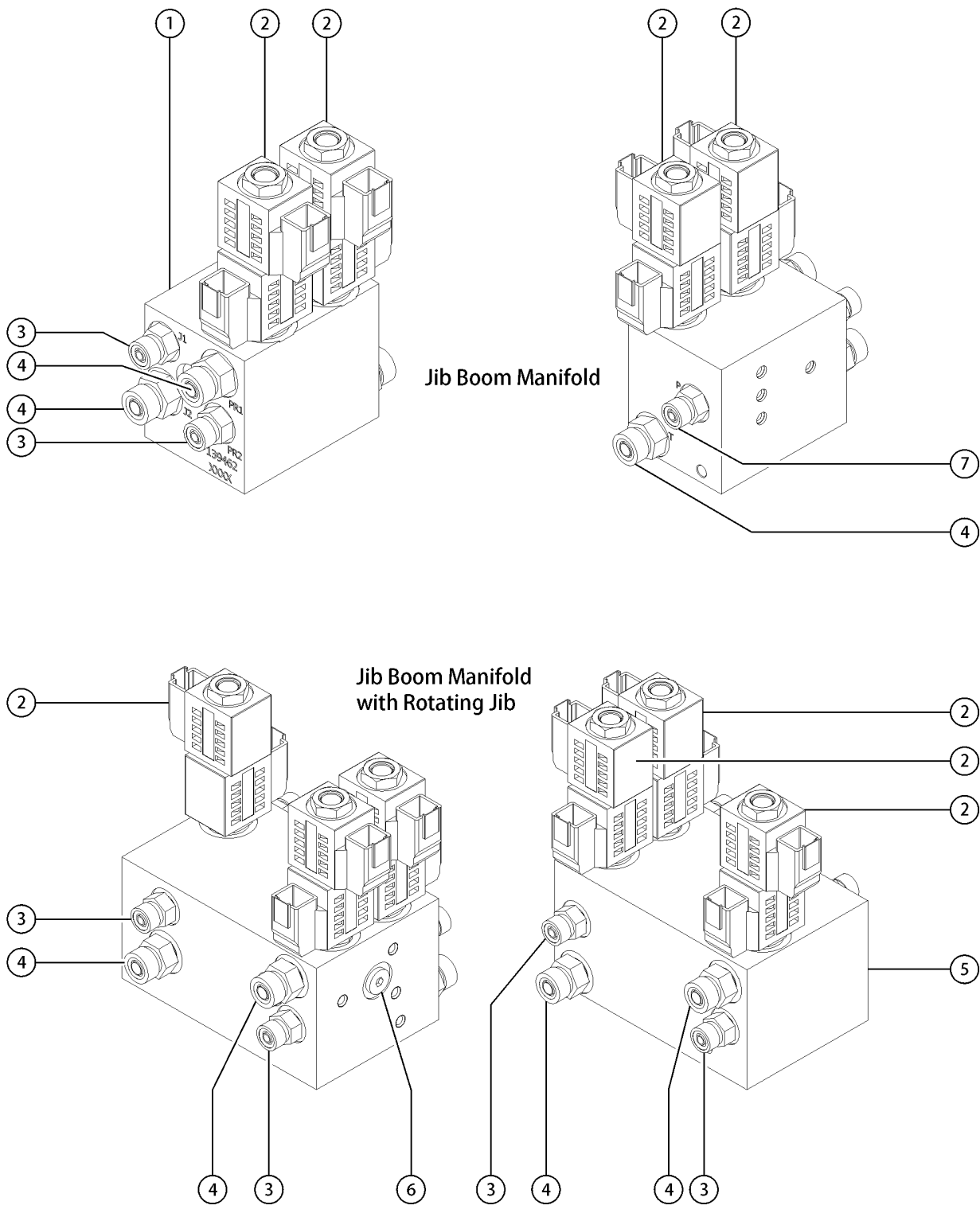
701.1 Function Manifold



701.1 Function Manifold

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
26-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
26-	52943GT	NUT, SOLENOID VALVE COIL	
26-	72047GT	SEAL KIT, SOLENOID VALVE	
26B	1296558GT	VALVE,SPOOL, SOLENOID,3POS-4WAY, CLOSED CENTER	1
		turntable rotate left/right, from Z30D-1816	
26B-	1309249GT	VALVE BODY,SPOOL, SOLENOID,3POS-4WAY, CLOSED CENTER W/O COIL	
26B-	1309077GT	COIL,SOLND,W/D,20V,DEUTSCH	
26B-	102940GT	NUT,SOLENOID VALVE	
26B-	122120GT	SEAL KIT, SOLENOID VALVE	

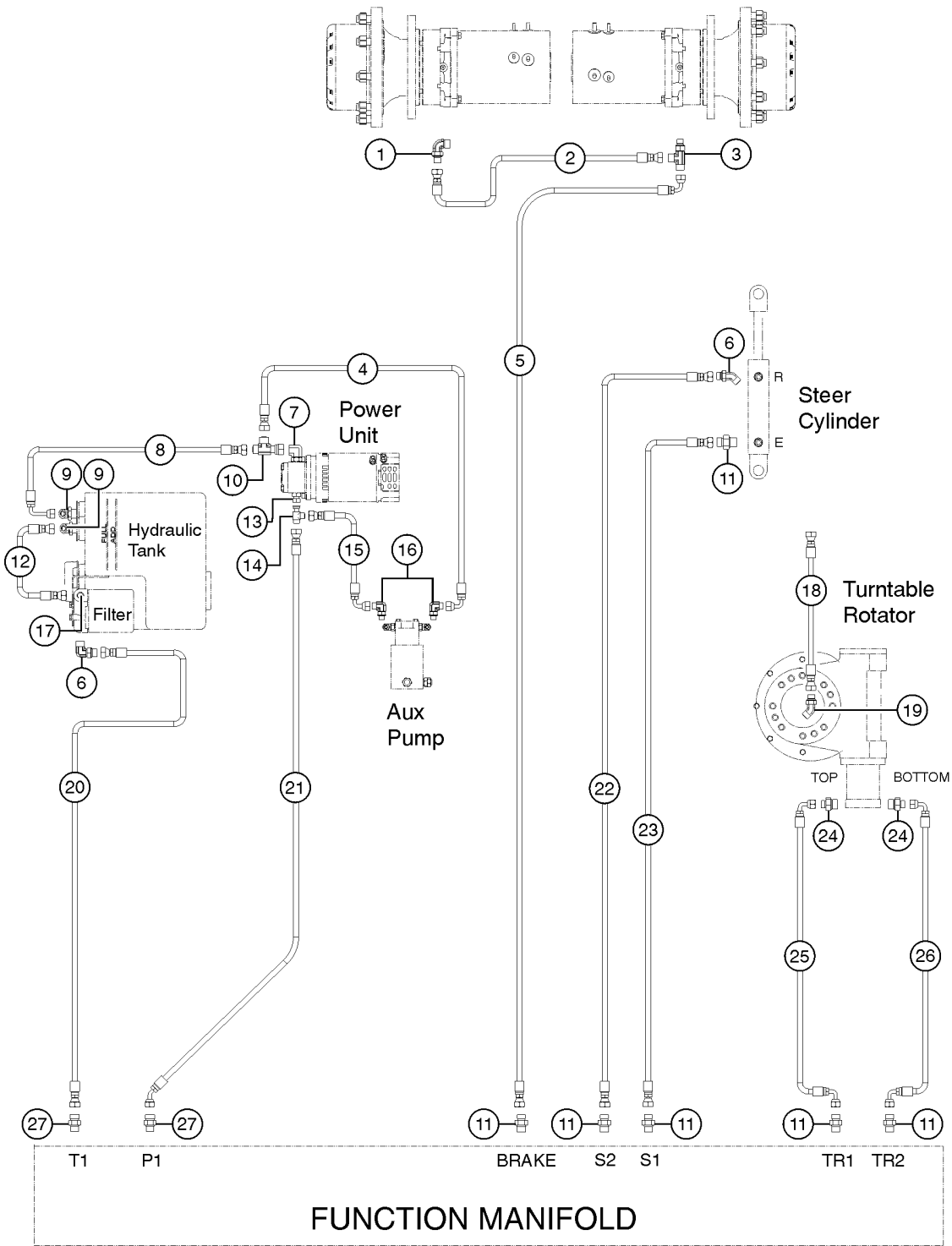
702.1 Jib Boom Manifolds



702.1 Jib Boom Manifolds

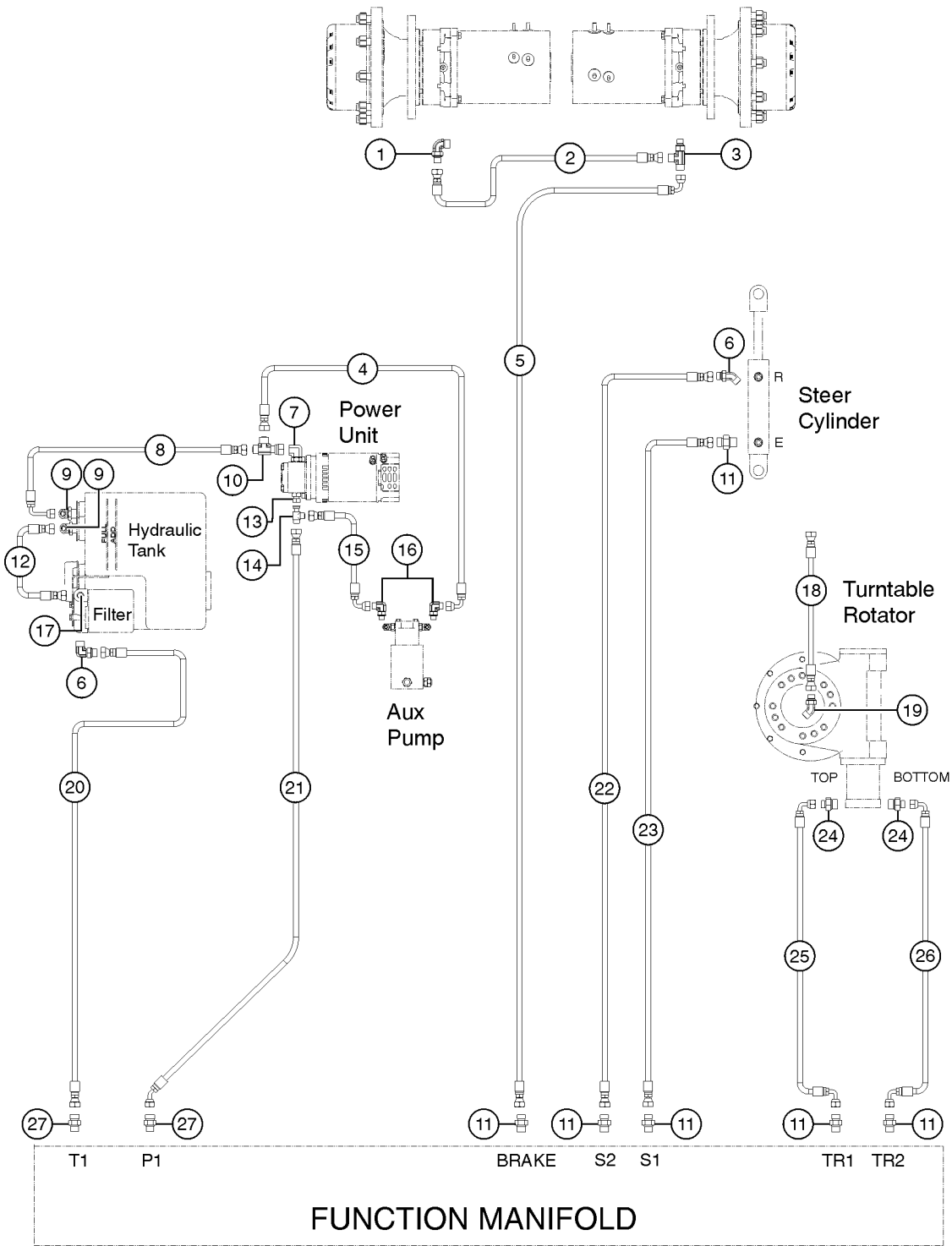
Item	Part No.	Description	Qty.
1	139462GT	MANIFOLD,JIB, 24V NON RJ*** non-rotating jib; includes items 2, 3 and 4	1
1-	139563GT	VALVE, FLOW CTRL, PRES COMP***	
1-	139564GT	SEAL KIT, JIB MANIFOLD, NON RJ	
2	139560GT	SOLENOID VALVE W/NUT*** includes 52943 nut; order coil separately	
2-	139561GT	COIL, SOLENOID VALVE, 24V***	
2-	52943GT	NUT, SOLENOID VALVE COIL	
3	48905GT	CONN,520120-4***	
4	48916GT	CONN, 520120-6	
5	139463GT	MANIFOLD,JIB, 24V RJ*** rotating jib; includes items 2, 3 and 4	1
5-	139563GT	VALVE, FLOW CTRL, PRES COMP***	
5-	139565GT	SEAL KIT, JIB MANIFOLD, RJ***	
6	69550GT	PLUG,ORB #4	1
7	48905GT	CONN,520120-4***	1
7B	1293788GT	No.4 STR ORFS W/125 MICRON SCREEN	1

801.1 Drive Chassis and Turntable Components



Item	Part No.	Description	Qty.
1	48904GT	ELBOW, 90D, 520220-4	1
2	49119-2000GT	HOSE ASSY, 1/4", 20.00	1
		#4 ORFS	
3	48906GT	TEE, RUN, 520428-4	1
4	1290345-2025GT	HOSE ASSY, 3/8", 20.25"	1
		(to SN Z30ND-1749), #6 ORFS and #8 ORFS elbow	
4B	1290345-1525GT	ASSY, HOSE, HYD, -6, 5000, STR, 90	1
		(from SN Z30ND-1750), #6 ORFS and #8 ORFS elbow	
5	49117-7750GT	HOSE ASSY, 1/4", 77.50	1
		yellow/white; #4 ORFS	
6	48937GT	ELBOW, 45D, 520320-8	1
7	139877GT	ELBOW, 90D, 520220-8-10	1
8	1290352-2150GT	HOSE ASSY, 1/2", 21.50"	1
		#8 ORFS	
9	128811GT	ELBOW, 90D, 520201-8	2
10	48938GT	FITTING, TEE, RUN, SWIVEL 520432-8	1
11	48912GT	CONN, 520120-4-6***	13
12	81812-1188GT	ASSY, HOSE, HYD, -8, 2500, STR, STR	1
13	74136GT	VALVE, CHK, #8PORT-#6MALEORFS***	1
14	48875GT	TEE, RUN, SWIVEL, 520432-6	1
15	1290346-2050GT	HOSE ASSY, 3/8", 20.50	1
		(to SN Z30ND-1549), #6 ORFS	
15B	1290346-1550GT	ASSY, HOSE, HYD, -6, 5000, STR, 91	1
		(from SN Z30ND-1550), #6 ORFS	
16	48915GT	ELBOW, 90D, 520220-6	2
17	48932GT	FITTING, ELBOW, 90D, 520220-8***	1
18	49189-2325GT	HOSE ASSY, 1/4", 23.25	1
19	31194GT	ELBOW, 070302-4-2	1
20	81812-6650GT	ASSY, HOSE, HYD, -8, 4250, STR, STR	1
		#8 ORFS	
21	1290347-4400GT	HOSE ASSY, 3/8", 44.00	1
		green/red; #6 ORFS	
22	49117-6550GT	HOSE ASSY, 1/4", 65.50	1
		white; #4 ORFS	
23	49119-6500GT	HOSE ASSY, 1/4", 65.00	1
24	48931GT	CONN, 520120-6-10	2
25	1291264-1500GT	HOSE ASSY, 1/4", 15.00	1
		white/red; #6 ORFS elbow and #4 ORFS elbow	
26	1291264-1700GT	HOSE ASSY, 1/4", 17.00	1
		purple; #6 ORFS elbow and #4 ORFS elbow	

801.1 Drive Chassis and Turntable Components

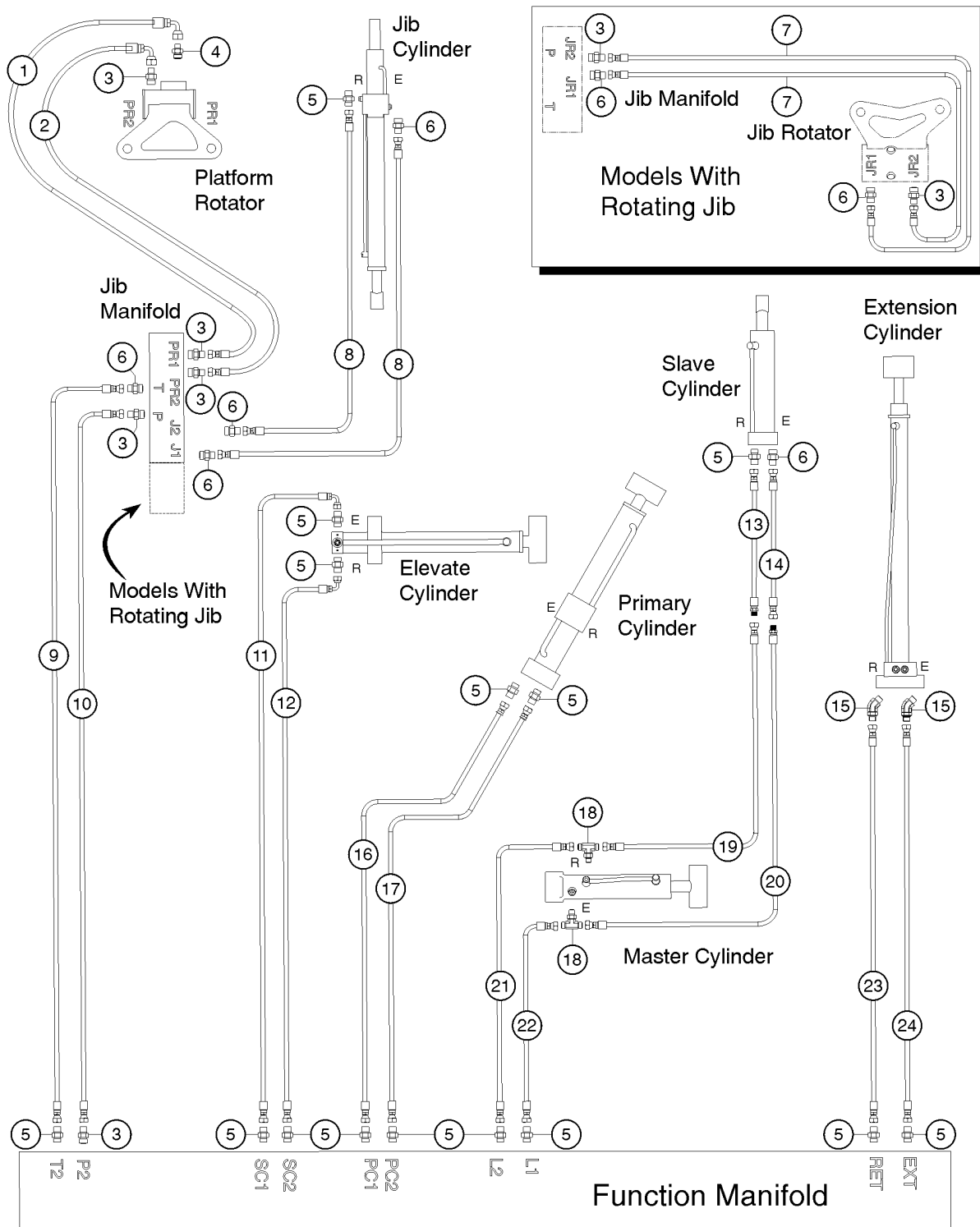


801.1 Drive Chassis and Turntable Components

Item	Part No.	Description	Qty.
27	48916GT	CONN, 520120-6	2

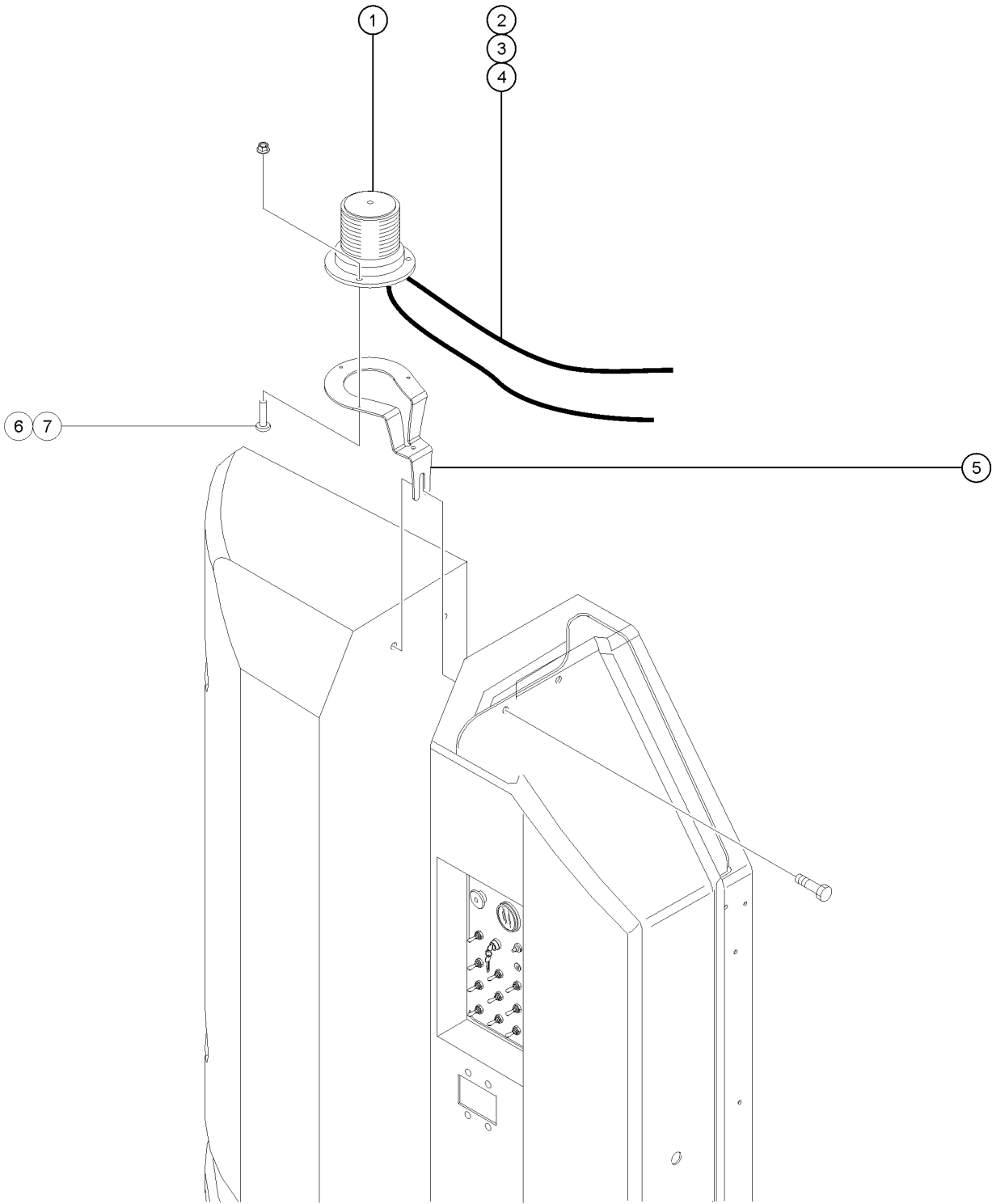


802.1 Boom Components



Item	Part No.	Description	Qty.
-	107935G	KIT, SWING HOSE CLAMP, FIELD refer to 402.1 or 505.1	
1	49114-4650GT	HOSE ASSY, 1/4", 46.50 not included 48773-1200; #6 ORFS elbow and #6 ORFS	1
1B	48773GT	SLEEVE,NYLON,.86 ID	12
2	49117-4650GT	HOSE ASSY,1/4".46.50 not included 48773-1200	1
2B	48773GT	SLEEVE,NYLON,.86 ID	12
3	48905GT	CONN,520120-4***	
4	48927GT	CONN,520120-6-4	
5	48912GT	CONN,520120-4-6***	
6	48916GT	CONN, 520120-6	
7	49120-3100GT	HOSE ASSY, 1/4", 31.00 #4 ORFS and #6 ORFS	1
8	49120-1900GT	HOSE ASSY, 1/4", 19.00 #4 ORFS and #6 ORFS	2
9	49120-43000GT	HOSE ASSY,1/4",430.00 red/purple; #4 ORFS and #6 ORFS	1
10	49119-43000GT	HOSE ASSY,1/4",430.00 blue/green; #4 ORFS	1
11	49117-6550GT	HOSE ASSY,1/4",65.50	1
12	49117-6550GT	HOSE ASSY,1/4",65.50 blue; #4 ORFS	1
13	49121-3150GT	HOSE ASSY, 1/4", 31.50 blue/green; #4 ORFS	1
14	49120-3100GT	HOSE ASSY, 1/4", 31.00 #4 ORFS and #6 ORFS	1
15	48905GT	CONN,520120-4***	2
16	49119-18100GT	ASSY, HOSE, HYD, -4, 3250, STR, STR yellow/green; #4 ORFS	1
17	49119-18100GT	ASSY, HOSE, HYD, -4, 3250, STR, STR blue/red; #4 ORFS	1
18	48890GT	FITTING,TEE,BRANCH,520429-4***	2
19	49119-22400GT	HOSE ASSY,1/4",224.00 green; #4 ORFS	1
20	49121-22400GT	HOSE ASSY,1/4",224.00 #4 ORFS	1
21	49119-16600GT	ASSY, HOSE, HYD, -4, 3250, STR, STR green; #4 ORFS	1
22	49119-16600GT	ASSY, HOSE, HYD, -4, 3250, STR, STR yellow; #4 ORFS	1
23	49119-19200GT	HOSE ASSY,1/4,STR FEM,STR FEM green/white; #4 ORFS	1
24	49119-19200GT	HOSE ASSY,1/4,STR FEM,STR FEM yellow/purple; #4 ORFS	1

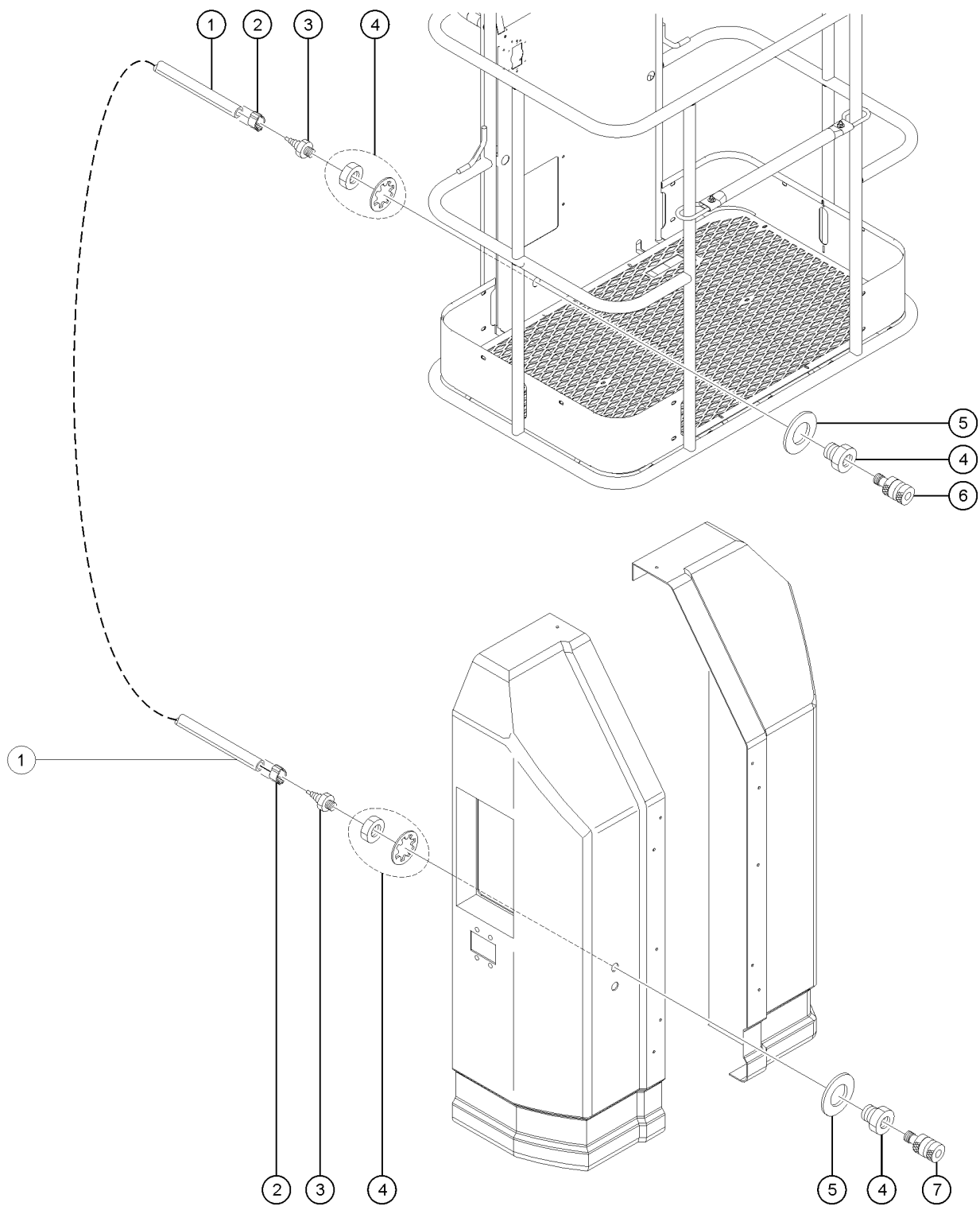
901.1 Flashing Beacon



901.1 Flashing Beacon

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	56704GT	STROBE,FIREBOLT,12-80VDC,AMB**	1
1-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
1-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
1-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
2	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	62
3	13825GT	TERMINAL,COUPLER,MALE,14-16GA	4
4	40609GT	TERMINAL,FEMALE COUPLER,BLUE	2
5	56289-SGT	BRACKET,BEACON LIGHT	1
		US part number	
5B	1281332GT	BRACKET,BEACON LIGHT, METRIC	1
		China part number	
6	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	3
		to SN Z30F-18972	
6B	826516GT	SCREW, PHPM, 10-32 X 1.0, ZAG	3
		from SN Z30F-18973	
7	824032GT	NUT, TL FLG, 10-32, F, ZAG	3
		to SN Z30F-18972	
7B	1264261GT	NUT,SERRATED,10-32,ZAG	3
		from SN Z30F-18973	

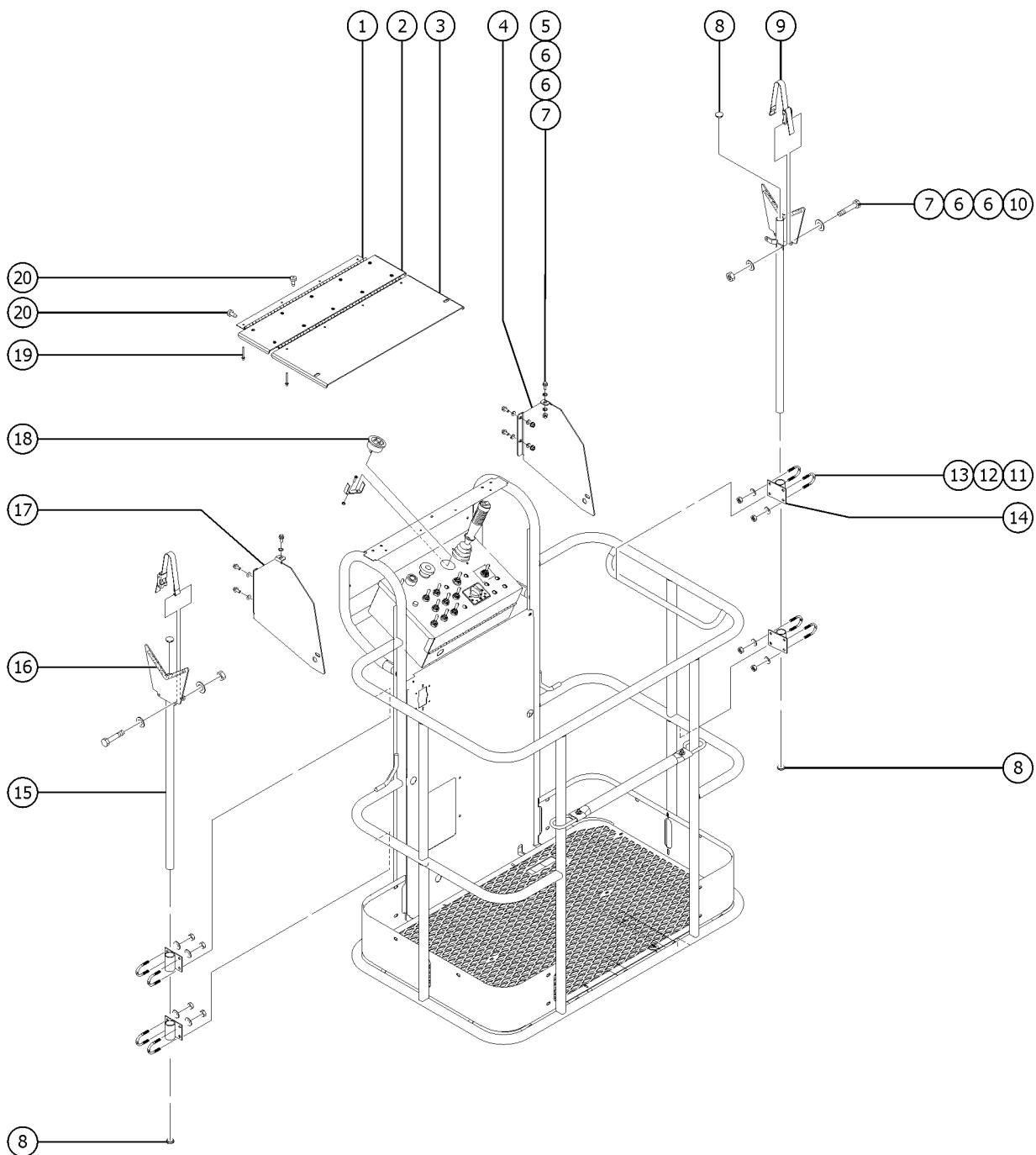
902.1 Air Line to Platform



902.1 Air Line to Platform

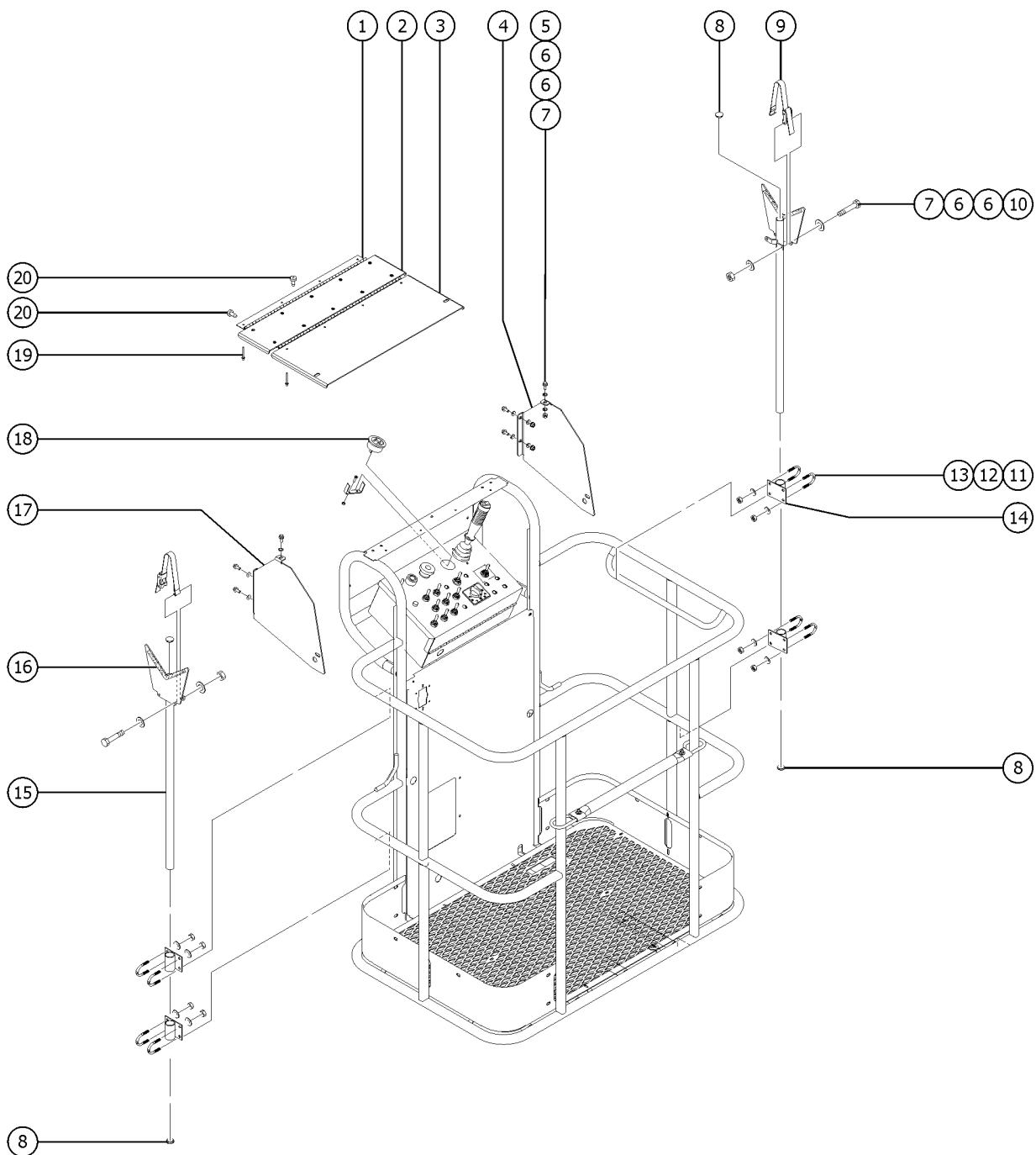
Item	Part No.	Description	Qty.
	56261GT	HOSE ASSEMBLY,AIRLINE TO PLAT includes items 1-3	
1	27903GT	HOSE, LOW PRESSURE, .375 ID	510
2	27902GT	CLAMP,HOSE,2 EAR,5/8	2
3	27901GT	HOSE END,BARBED,RIGID,-6-6	2
4	27900GT	BULKHEAD,FEMALE X 6 X 6 Includes nut and star washer	2
5	824116GT	WASHER,FLAT,1.0,F436,HRD,ZAG	4
6	27895GT	COUPLER,1/4"SERIES 3/8 MPT	1
7	27894GT	PLUG,1/4"SERIES,3/8 MPT	1
8	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH not shown	7
9	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH* not shown	1
10	27904GT	HOSE END,BARBED,RIGID,90DEG6-6 not shown	1
11	44981GT	DECAL LABEL AIRLINE 110PSI not shown	2
12	6578GT	CABLE TIE,7 3/8" not shown	20

903.1 Platform Options - View 1



Item	Part No.	Description	Qty.
A-	101649GT	OPTION,CONTROL BOX COVER includes items 1-7 and 15-16	1
B	85300GT	PIPE CRADLE ASSY. SERV (ONE)** includes items 6-16	2
B-	65630GT	INSTRUCTIONS-PIPE CRADLE,BOOMS	
1	77860GT	HINGE,CONTROL BOX	2
2	101678GT	LID,CONTROL BOX COVER	1
3	101679GT	LID,CONTROL BOX COVER	1
4	101676GT	CONTROL BOX COVER, RH	1
5	8914GT	SCREW,HHC,1/4-20 X .625	6
6	6638GT	WASHER, FLAT, USS, 1/4"Y no longer used on pipe cradle option	4
7	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	10
8	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
9	56570GT	STRAP, CONDUIT HOLDER 60"****	2
10	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	2
11	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	4
12		WASHER,FLAT,USS,5/16",Y	8
13	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
14	81368GT	WELDMENT,PIPE CRADLE MOUNT	2
15	56525GT	WELDMENT, PIPE CRADLE	1
16	19018GT	TRIMLOCK,BLACK,5/32"	11
17	101677GT	CONTROL BOX COVER, LH	1
18	23869GT	BATT. CHARGE INDICATOR,ACCES**	1
18A-	237145GT	IND,BAT CHARGE,48V LEAD-ACID spade connectors; includes mounting bracket and fasteners	1
18A-	23083-SGT	FUSE HOLDER,WATERPROOF	1
18A-	13097GT	FUSE,10 AMP	1
18B	110651GT	LVI/BCI 36/48 VOLT ENGAGE II molex connector; low voltage interrupt and battery charge indicator	1
18B-	110652GT	GASKET LVI/BCI ENGAGE II sold separately	1
18B-	110653GT	BRACKET ENGAGE II	1
18B-		LVI/BCI Harness ref. 306.1 Wire Harness Diagram	1

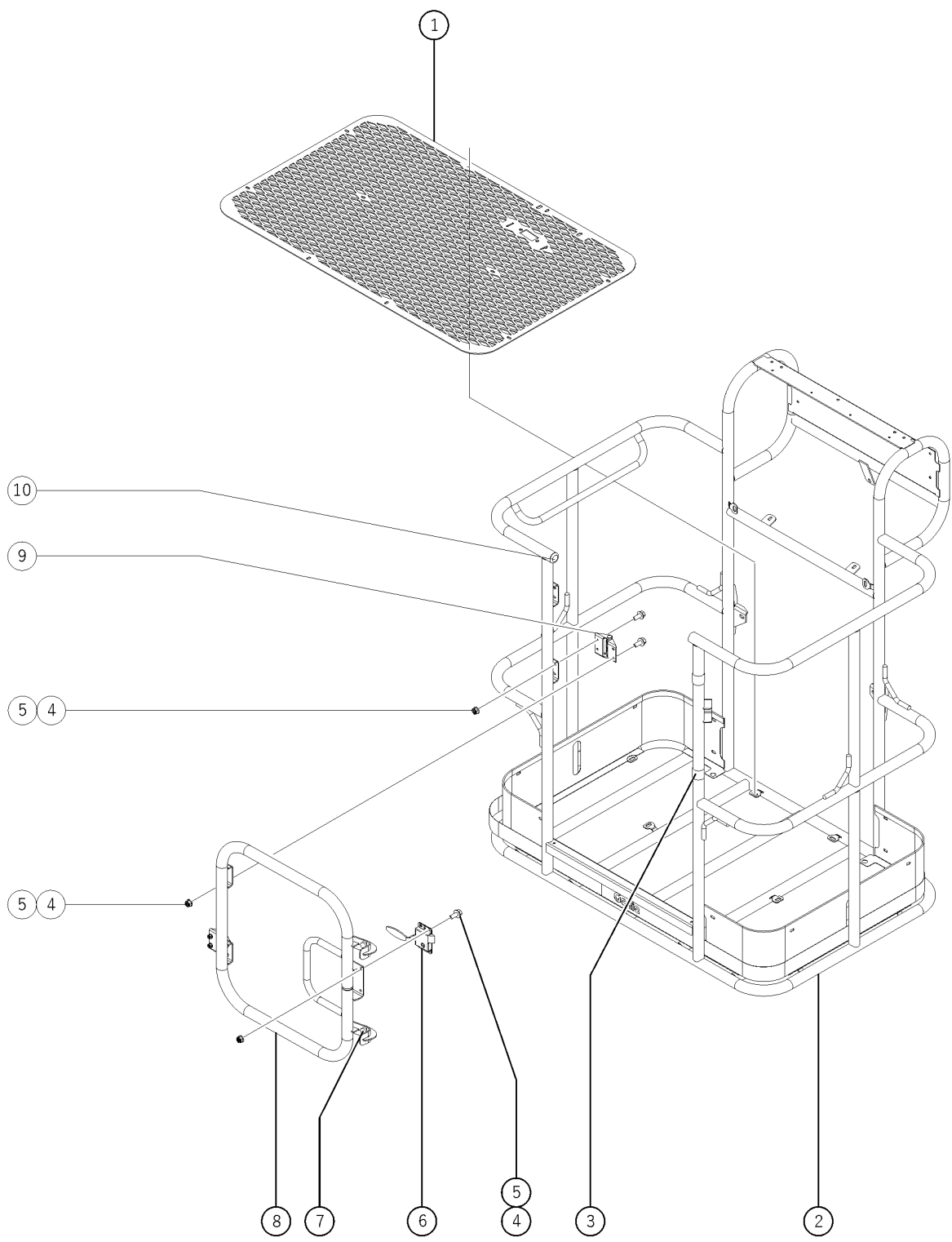
903.1 Platform Options - View 1



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
19	87085GT	RIVET,ALUM,P,.188 X .25	18
20	34619GT	BUMPER,RUBBER***	6



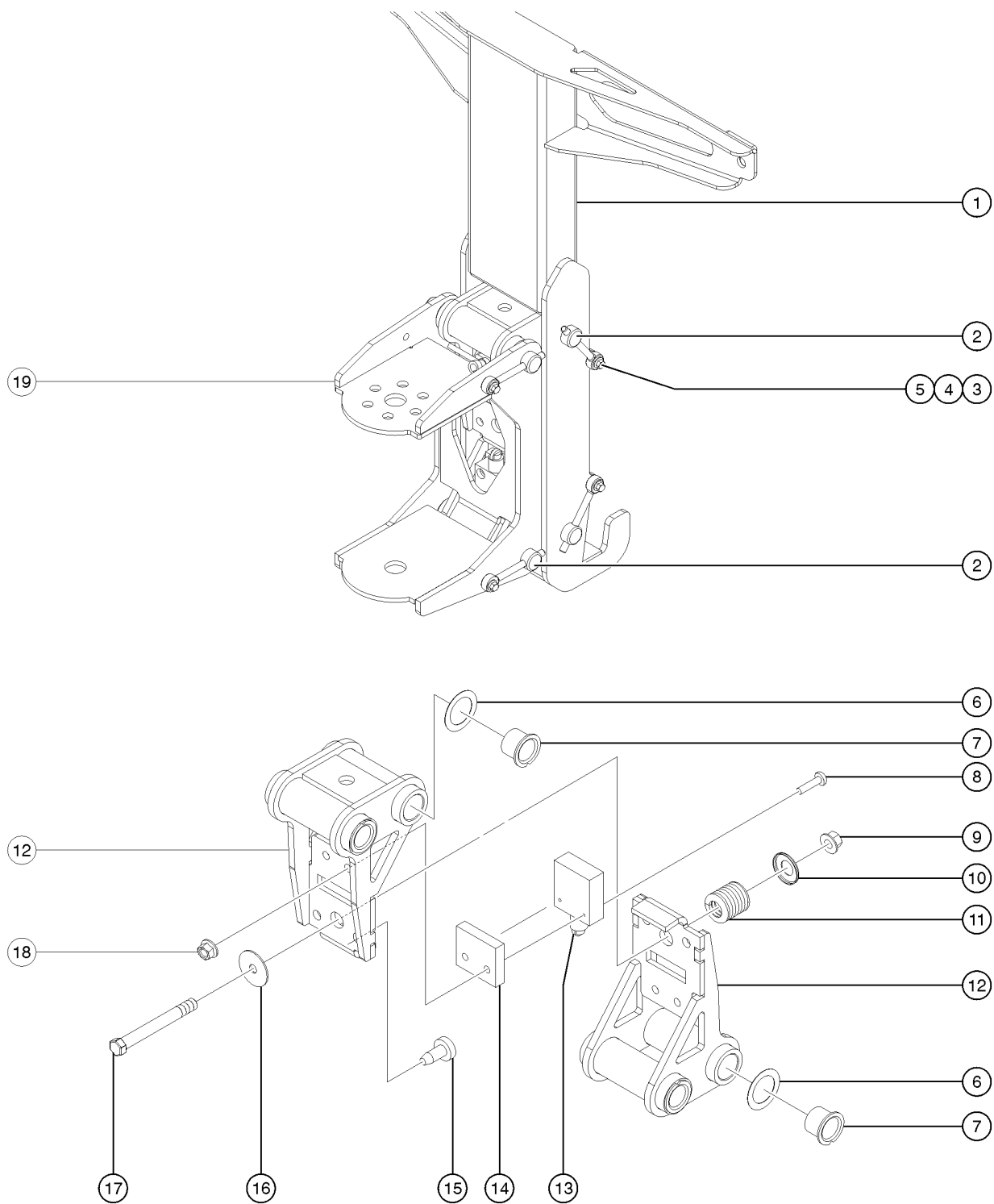
904.1 Platform Options - View 2



904.1 Platform Options - View 2

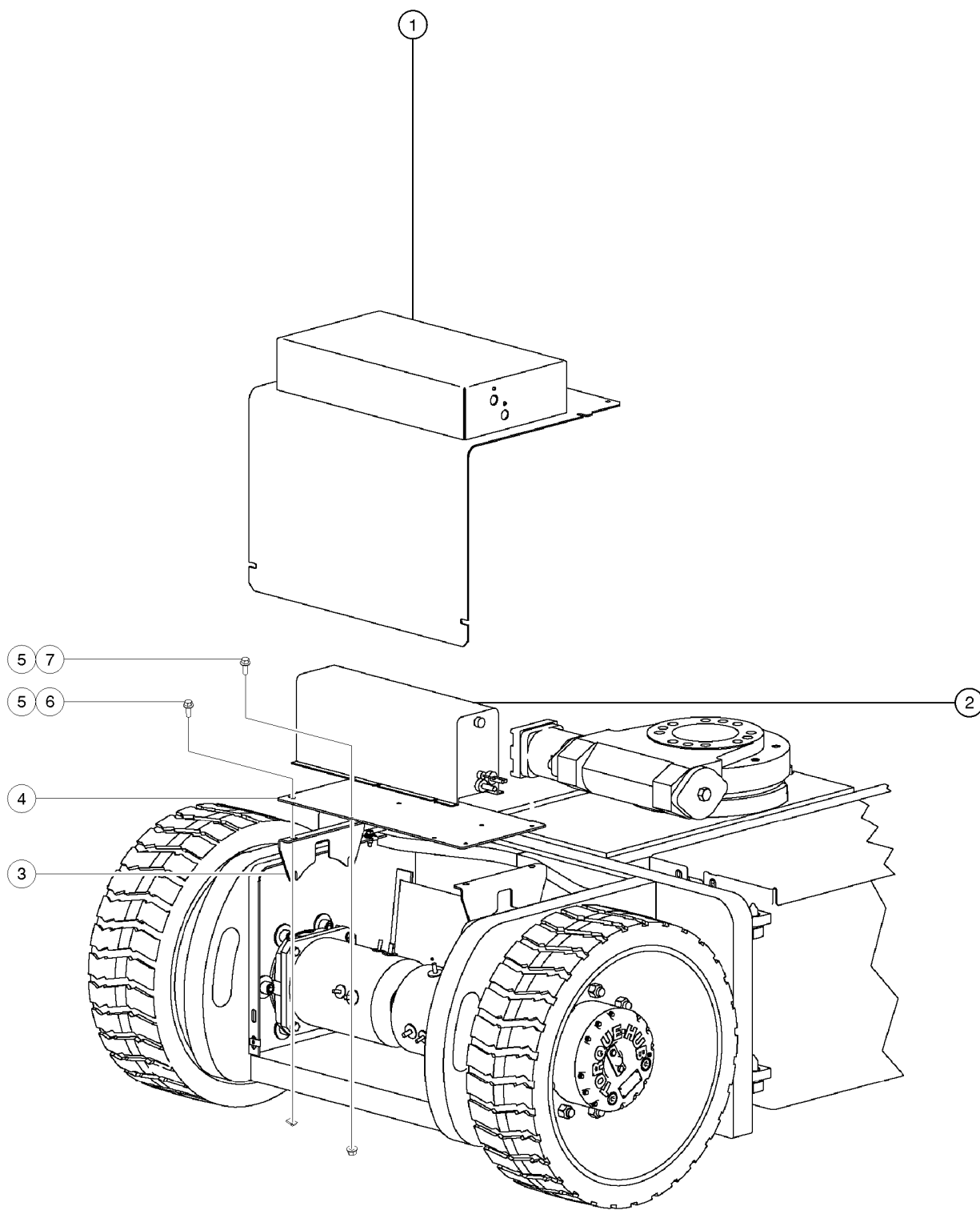
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
A-	1276941GT	ASSY,4' PLAT WELDMENT W/SWING GATE	
1		Ref. FLOORING, PLATFORM	
		(refer to 601.1)	
2	1298604GT	WELDMENT, PLATFORM, SWING GATE,4FT	1
3	T112773GT	TAPE, PROTECTIVE MASK	2
4	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	
5	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
		(refer to 309.1)	
6	1267747GT	LATCH, SWING GATE	1
		(refer to 401.1)	
7	43392GT	BUMPER,BATTERY BOX & RAILS	2
8	1276939GT	WELDMENT, SWING GATE, 4' & 5' PLAT	1
9	104804GT	HINGE, SPRING, LONG LEG	2
10	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2

905.1 Platform Overload



Item	Part No.	Description	Qty.
A	121848GT	ASSY,LS,LOAD SENSE,38.5 IN	
A-	13825GT	TERMINAL,COUPLER,MALE,14-16GA	2
A-	13826GT	TERMINAL,FEM.BUTT SEAM:16/14	2
A-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
A-	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
A-	99183GT	SWITCH, ROLLER PLUNGER LIMIT	1
1	94176GT	WELDMENT,PLATFORM SUPPORT	1
		US part number	
1B	1282084GT	WELDMENT,PLATFORM SUPPORT, METRIC	1
		China part number	
2	61726GT	PIN,0.75DIA X 5.75LG,CHAMFER	4
3	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	4
4	825020GT	ROD END, .25 X 2.75, ZAG	4
5	824024GT	NUT,TL,1/4-20,C,ZAG	4
6	110789GT	WASHER,SHIM .0151 THK.	8
7	25685GT	BEARING,GARLOCK,12FDU12	4
8	824216GT	SCREW, PHPM, 10-32 X 1.5, ZAG	1
9	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	1
10	824208GT	RETAINER,SPRING,1.21X.375,ZAG	1
11	61974GT	SPRING,COMP,1" OD,232 LB/IN	1
12	101512GT	LOAD SUPPORT WITH BEARINGS	2
		includes items 6 and 7	
12-	94191GT	WELDMENT,LOAD SUPPORT	1
13	61973GT	SWITCH,ROLLER PLUNGER LIMIT	1
14	61972GT	MOUNT,SWITCH	1
15	34619GT	BUMPER,RUBBER***	2
16	1268468GT	WASHER,FLAT,.406X1.50X.125,ZAG	1
17	824070GT	SCREW,HHC,3/8-16X3.25,8,ZAG	1
18	824032GT	NUT, TL FLG, 10-32, F, ZAG	2
19	94170GT	WELDMENT,ROTATOR SUPPORT	1
		US part number	
19B	1282083GT	WELDMENT,ROTATOR SUPPORT, METRIC	1
		China part number	

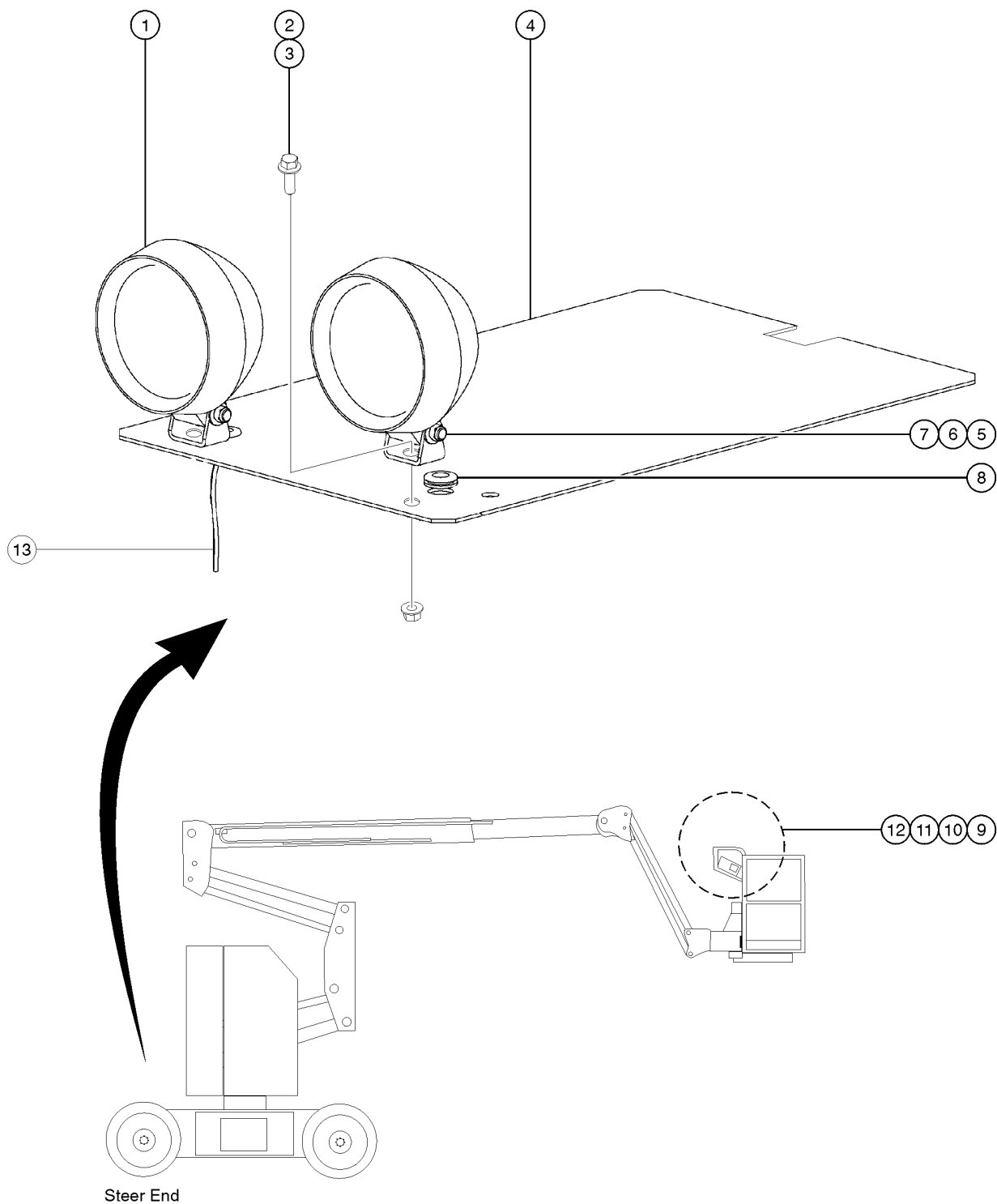
906.1 Inverter Option, 120V



906.1 Inverter Option, 120V

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
A-	78098GT	RELAY,24VDC,40/30A,SLD W/BRKT*	1
B-	13268GT	CLAMP, 0.75, #12 X 1/4, RUB CUSH	2
C-	36355GT	FUSE,100 AMP,VERY FAST ACTING	1
D-	66717GT	FUSE BLOCK, ANN & ANL FUSE	1
E-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
1	74868GT	WELDMENT,COVER DRIVE CHASSIS	1
2	150026GT	INVERTER,48VDC,120VAC/60HZ	1
3	74847PGT	BRACKET,INVERTER MOUNT PTD	2
4	74848PGT	PLATE,INVERTER MOUNT PTD	1
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	8
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
7	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4

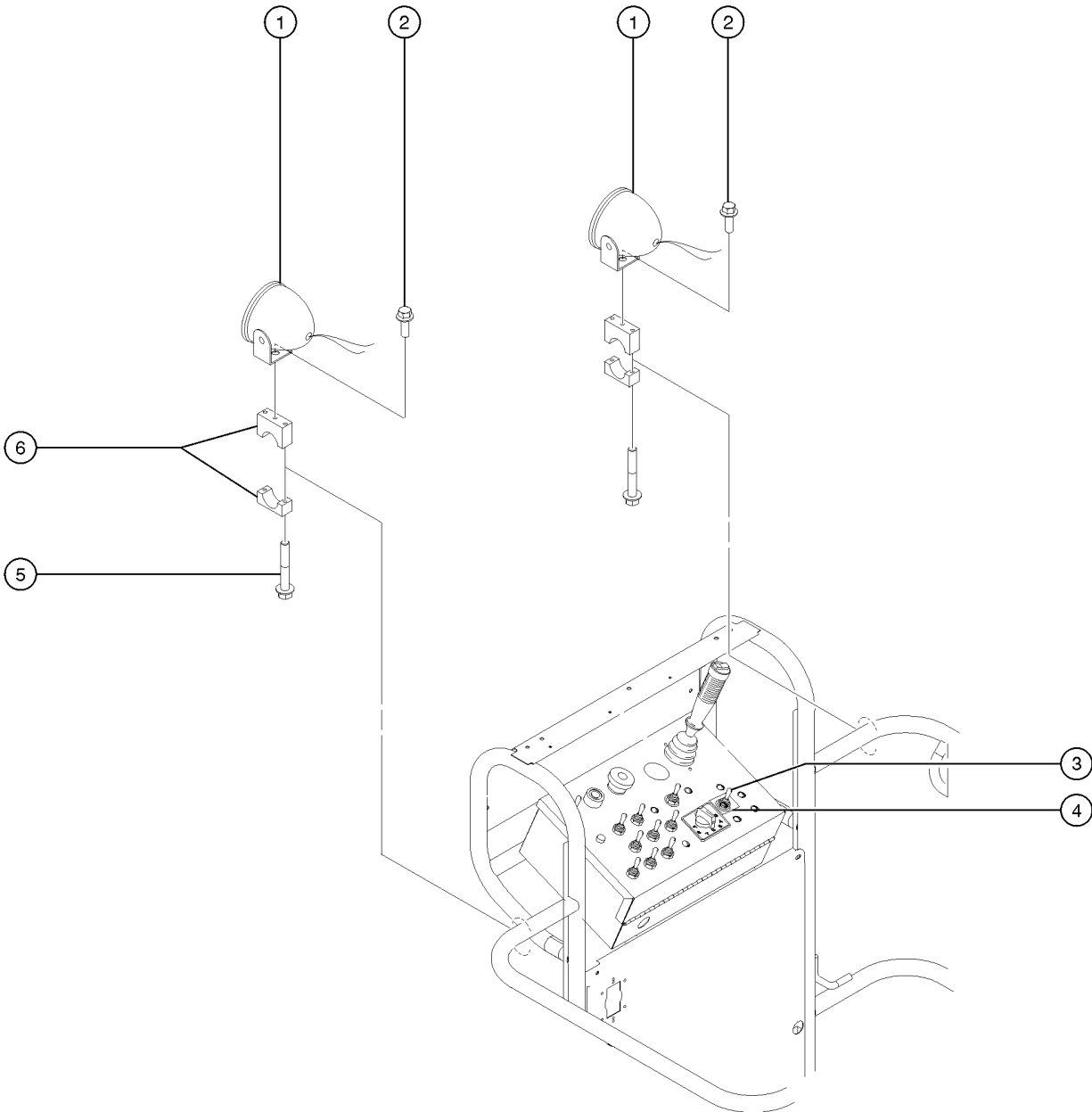
907.1 Drive Light Option



907.1 Drive Light Option

Item	Part No.	Description	Qty.
	823943GT	OPTION,DRIVE LIGHTS,Z30N	
1	107858GT	WORKLIGHT,48 VOLT	2
2	824085GT	SCREW, HHF, 5/16-18 X .75, 8, ZAG	
3	824028GT	NUT,TL FLG,5/16-18,G,ZAG	
4	128819GT	COVER, DR LIGHT OPTION	1
5	10107GT	SCREW,HHC,5/16-18 X .75	2
6	5397GT	WASHER,FLAT,USS,5/16",Y	2
7	6782GT	NUT, NYLOCK, 5/16-18	2
8	53517GT	GROMMET,RUBBER .5 X .014 X .75	2
9	823226GT	POWER RELAY, 24V COIL	1
9-	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	
9-	6146GT	WASHER,FLAT,MS,#10,Y	
9-	824032GT	NUT, TL FLG, 10-32, F, ZAG	
10	72867GT	DECAL,LABEL,LIGHTS***	1
11	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT	1
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12	6578GT	CABLE TIE,7 3/8"	2
13	823948GT	HARNESS, DRIVE LIGHTS, 48V includes item 1	1
13-	23083-SGT	FUSE HOLDER,WATERPROOF	
13-	27489GT	FUSE,7 AMP	
13-	823226GT	POWER RELAY, 24V COIL	

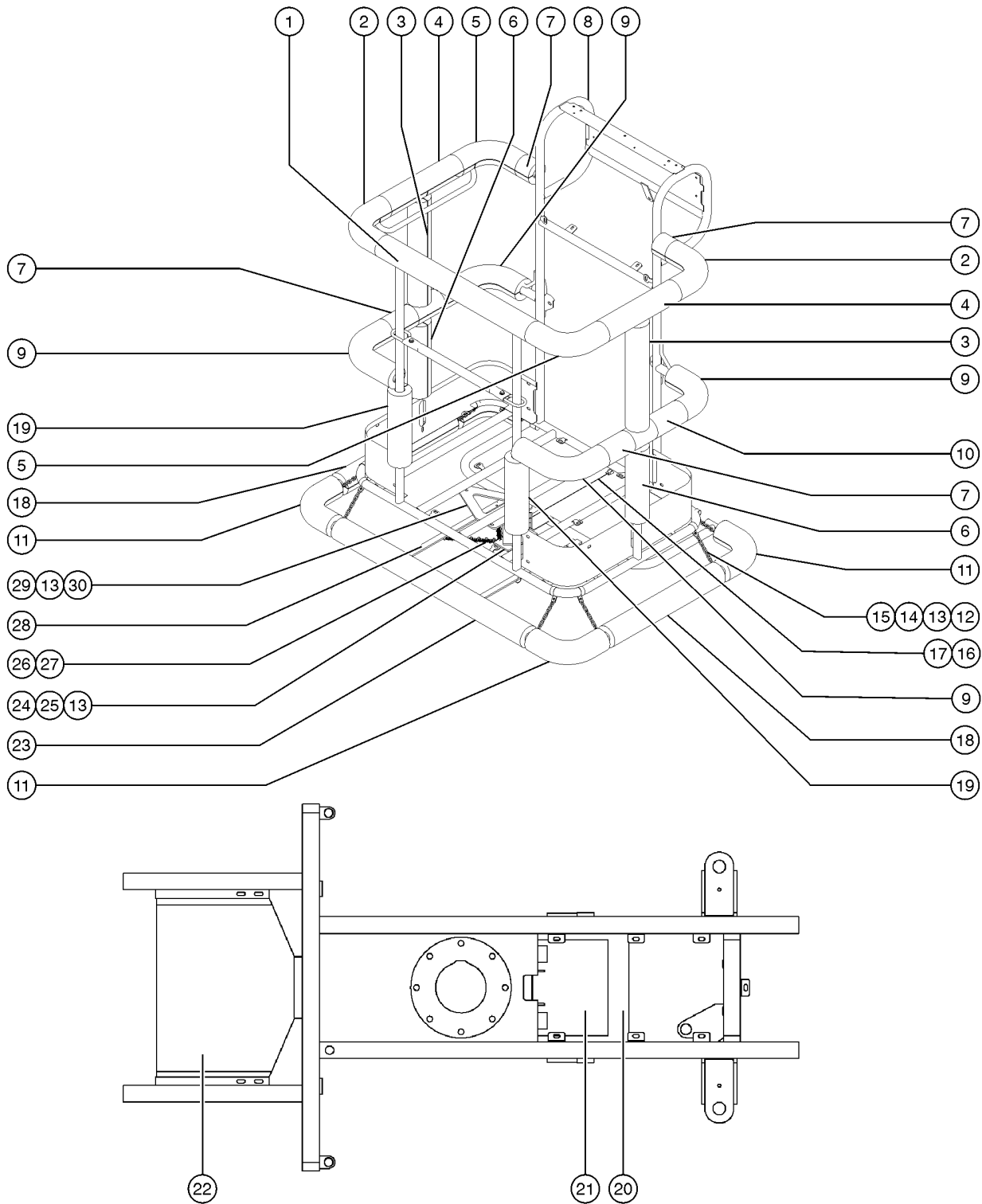
908.1 Work Light Option



908.1 Work Light Option

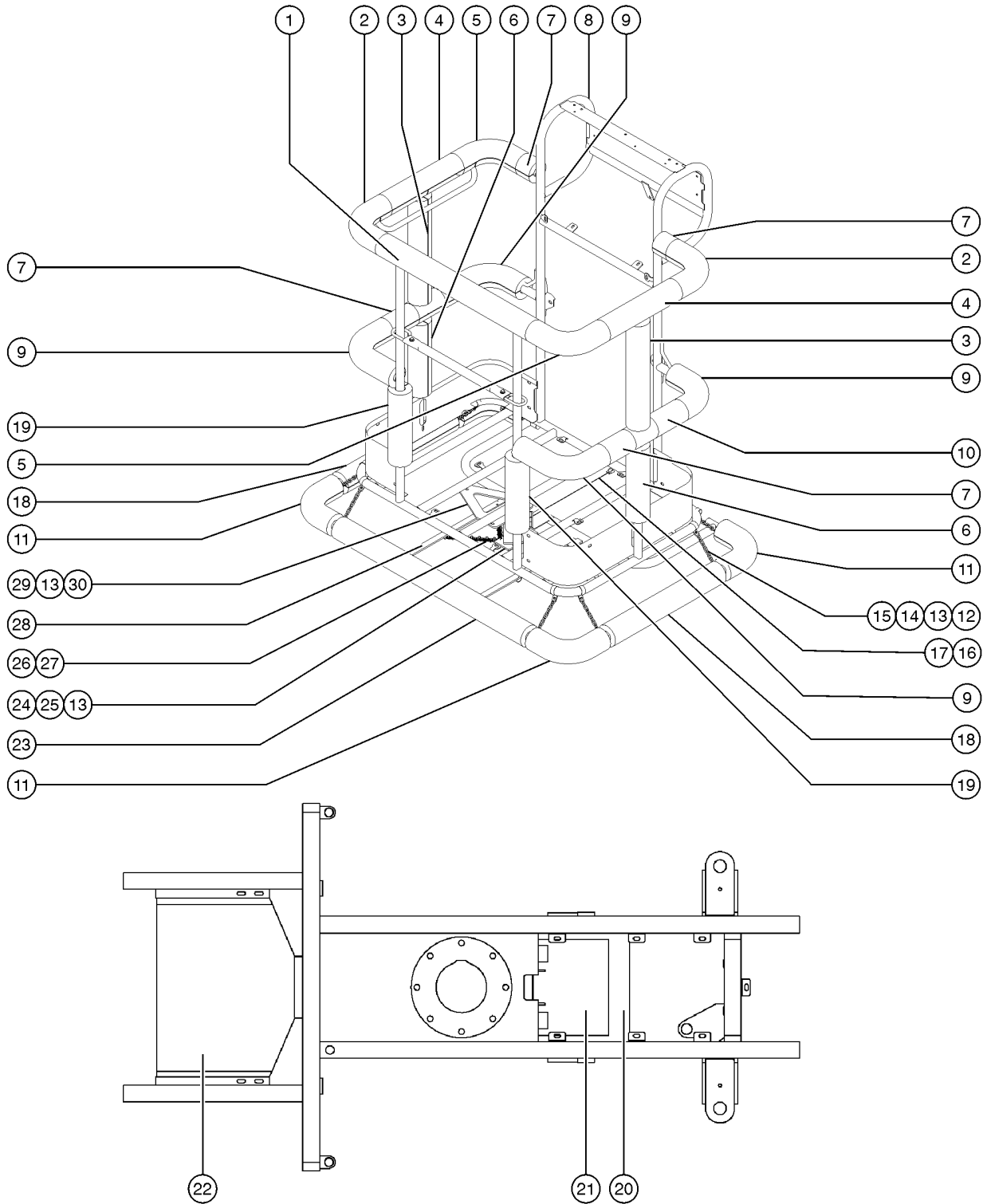
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
A	823942GT	OPTION,WORK LIGHTS,48V	1
A-	27489GT	FUSE,7 AMP	1
A-	23083-SGT	FUSE HOLDER,WATERPROOF	1
A-	823226GT	POWER RELAY, 24V COIL	1
A-	61226GT	RELAY SOCKET,70AMP	1
A-		Ref. Worklight Harness (refer to 306.1)	
1	107858GT	WORKLIGHT,48 VOLT	2
2	824085GT	SCREW, HHF, 5/16-18 X .75, 8, ZAG	2
3	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
4	72867GT	DECAL,LABEL,LIGHTS***	1
5	824081GT	SCREW, HHF, 1/4-20 X 1.5, 8, ZA	4
6	35956GT	WORK LIGHT MOUNTING BRACKET	2

909.1 Aircraft Protection



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	1251590GT	BUMPER,3.5OD X 1.5ID X 30.75	1
2	147000GT	PADDING, FOAM 90 DEG	2
3	825213GT	BUMPER,3.5OD X 1.5ID X 15.65	2
4	825207GT	BUMPER,3.5OD X 1.5ID X 14.75	2
5	147001GT	PADDING, FOAM 90 DEG	2
6	825212GT	BUMPER,3.5OD X 1.5ID X 12.75	2
7	1251592GT	BUMPER,3.5OD X 1.5ID X 2.75	2
8		Ref. Platform Rail Assembly (refer to 601.1)	
9	1252013GT	BUMPER,3.5OD X 1.5 ID 90 DEG	4
10	1252012GT	BUMPER,3.5OD X 1.5 ID X 6.75	2
11	56418GT	BUMPER,90 DEG ELBOW	4
12	56426-576GT	CHAIN,NO.2 (9LINKS)	8
13	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	19
14	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	17
15	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	16
16	139643GT	HARNESS, PROX. KILL	1
16-	27391GT	PROXIMITY SENSOR***	1
16-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	1
16-	34053GT	ASSY,RELAY SOCKET, AUTO	1
16-	56302GT	RELAY,24VDC,40/30A,SEALED***	1
17	88390GT	NUT,HEX,M8,PLASTIC	
18	825214GT	BUMPER,3.5OD X 1.5ID X 22.70	2
19	1252011GT	BUMPER,3.5OD X 1.5 ID X 9.75	2
20	128723GT	PLATE, PROFILED COUNTERWEIGHT	1
21	128722GT	PLATE, PROFILED COUNTERWEIGHT	1
22	74734GT	PLATE,COUNTERWEIGHT	1
23	1251591GT	BUMPER,3.5OD X 1.5ID X 38.75	1
24	56330GT	PLATE,MAGNET MOUNT	1

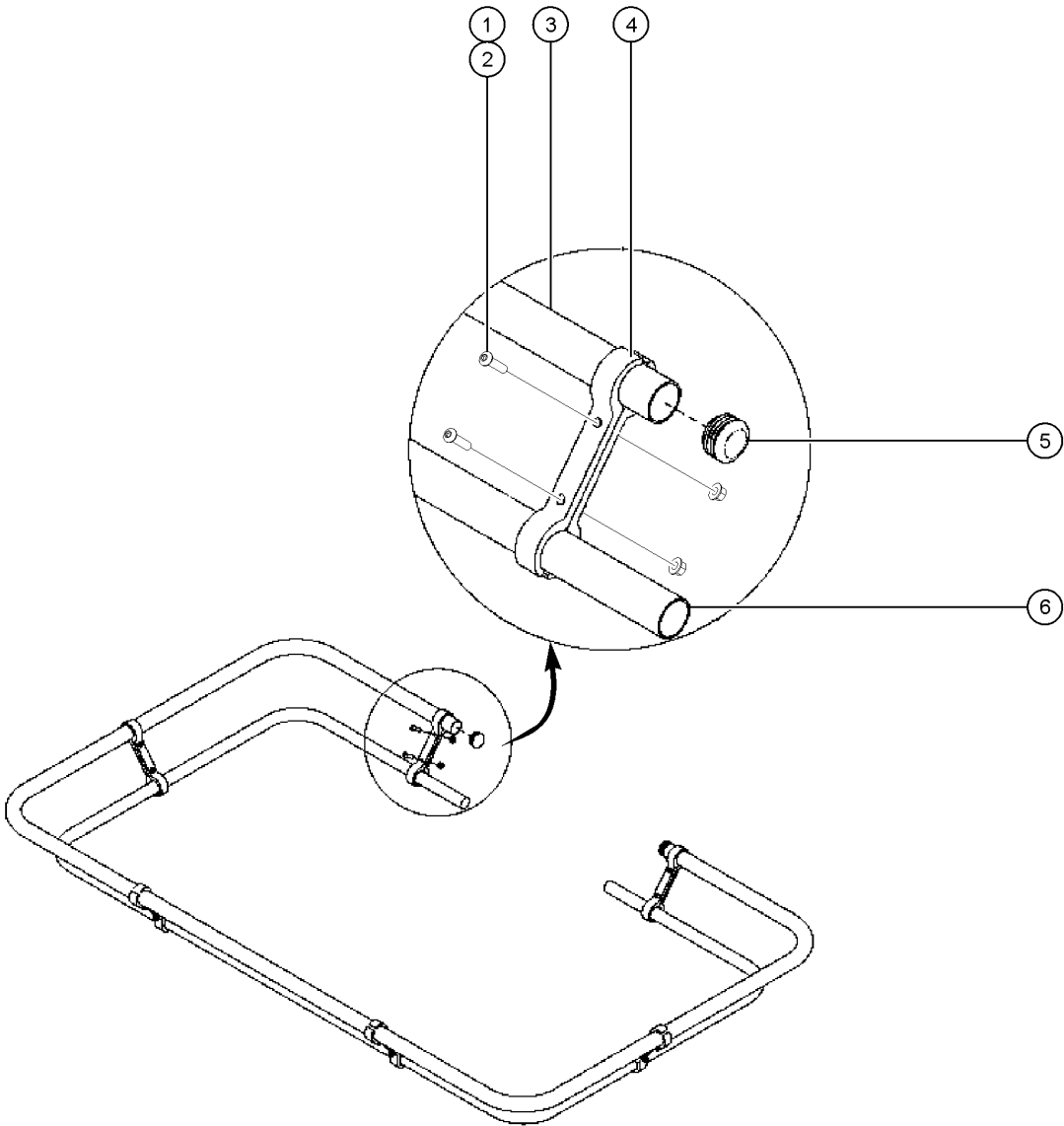
909.1 Aircraft Protection



909.1 Aircraft Protection

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
25	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	1
26	56425GT	SPRING,EXTENSION,.75X4.5	4
27	88385GT	SPRING, SS, 1/2-EO500-49-4500	4
28	56324GT	WELDMENT,FLOATING BUMPER	1
29	56328GT	WELDMENT,SENSOR BRACKET	1
30	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	

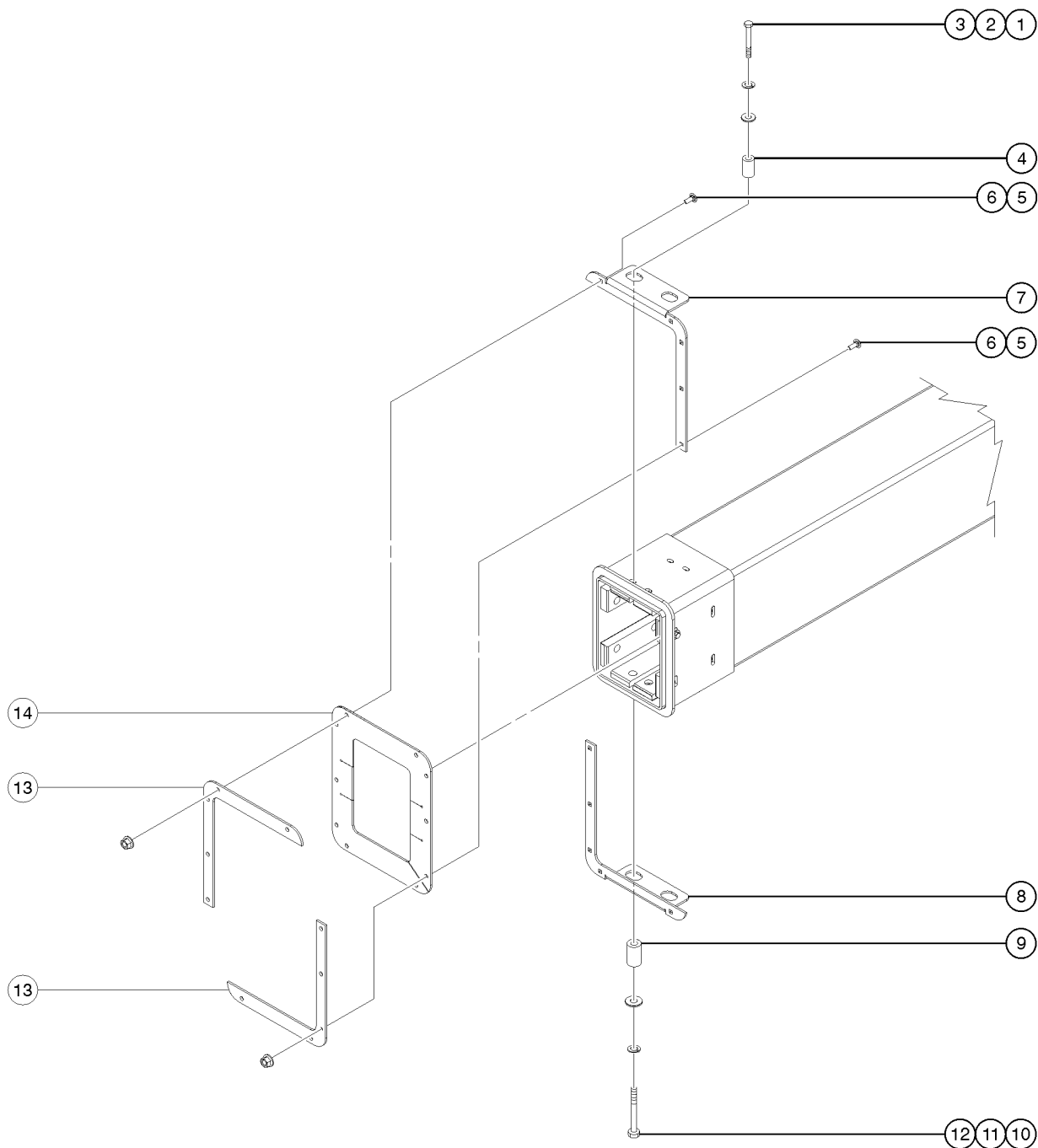
910.1 Auxiliary Rail Assembly



910.1 Auxiliary Rail Assembly

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	T112576GT	SCREW,BHTC,1/4-20X1,ZAG	12
2	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	12
3	T112779GT	KIT, AUX. RAIL, 4' PLATFORM includes items 1, 2, 4, 5	1
4	122073GT	SUPPORT, RAILING	12
5	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
6		Ref. Platform Rail Assembly (refer to 601.1)	

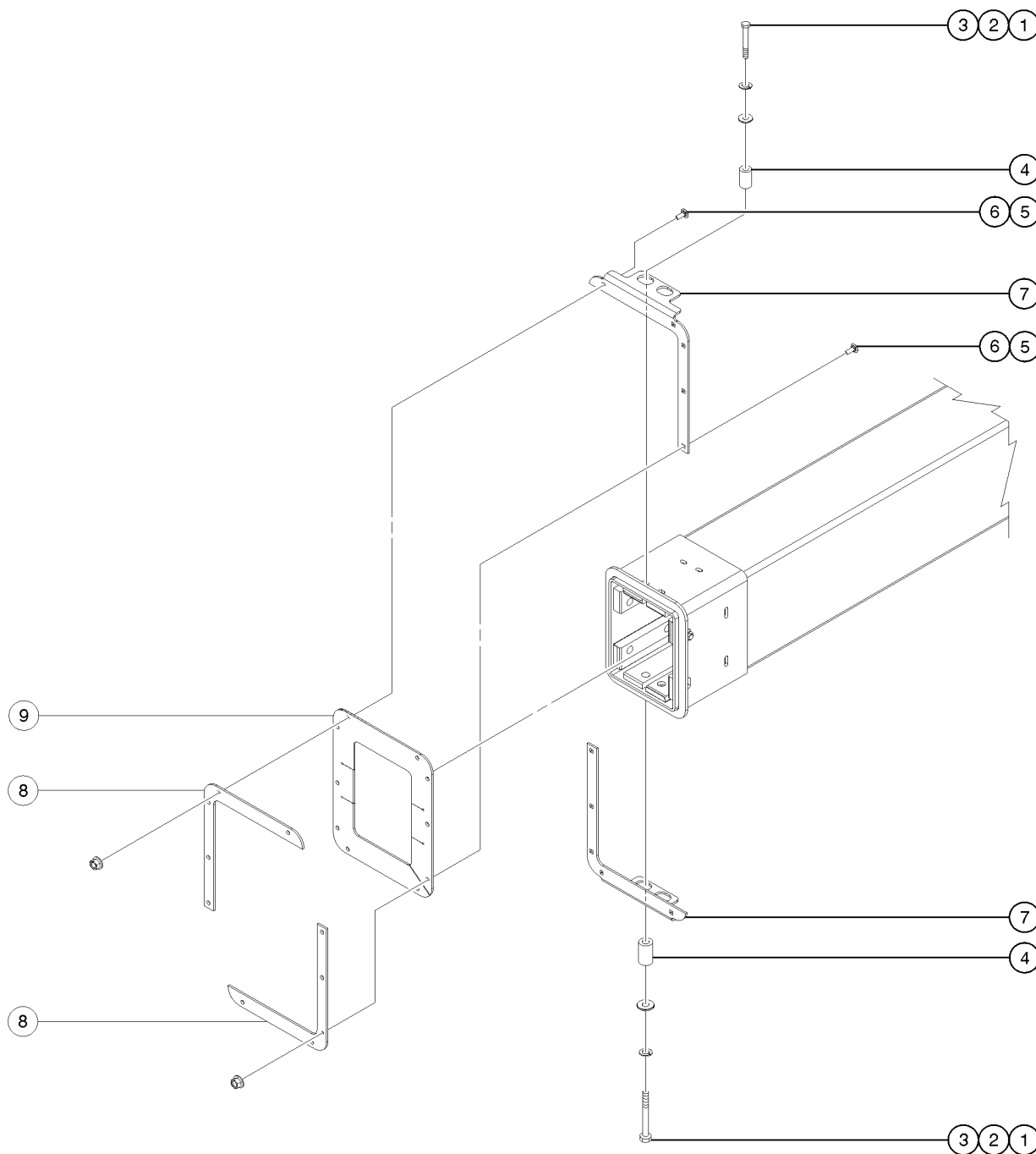
911.1 Hostile Environment - Z30N Primary Boom Wipers



911.1 Hostile Environment - Z30N Primary Boom Wipers

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	128677GT	KIT, WIPER	1
1	1252978GT	SCREW,HHC,3/8-16X2.25,8,ZAG	2
2	824110GT	WASHER, LOCK, 3/8, ZAG	2
3	825358GT	WASHER,FLAT,5/16,USS,ZAG	2
4	128852GT	TUBE,RD,STL,DOM,.75X.438X1.25	2
5	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	10
6	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	10
7	128681GT	FORMING, WIPER MOUNT	1
8	128682GT	FORMING, WIPER MOUNT	1
9	119077GT	TUBE,RD,STL,DOM,.75OD X .375ID	2
10	824064GT	SCREW, HHC, 1/4-20 X 2.25, 8, ZAG	2
11	824109GT	WASHER,LOCK,1/4,ZAG	2
12	824113GT	WASHER,FLAT,USS,1/4,ZAG	2
13	128973GT	PLATE,WIPER BACKING	2
14	147181GT	WIPER,PRIMARY BOOM	1

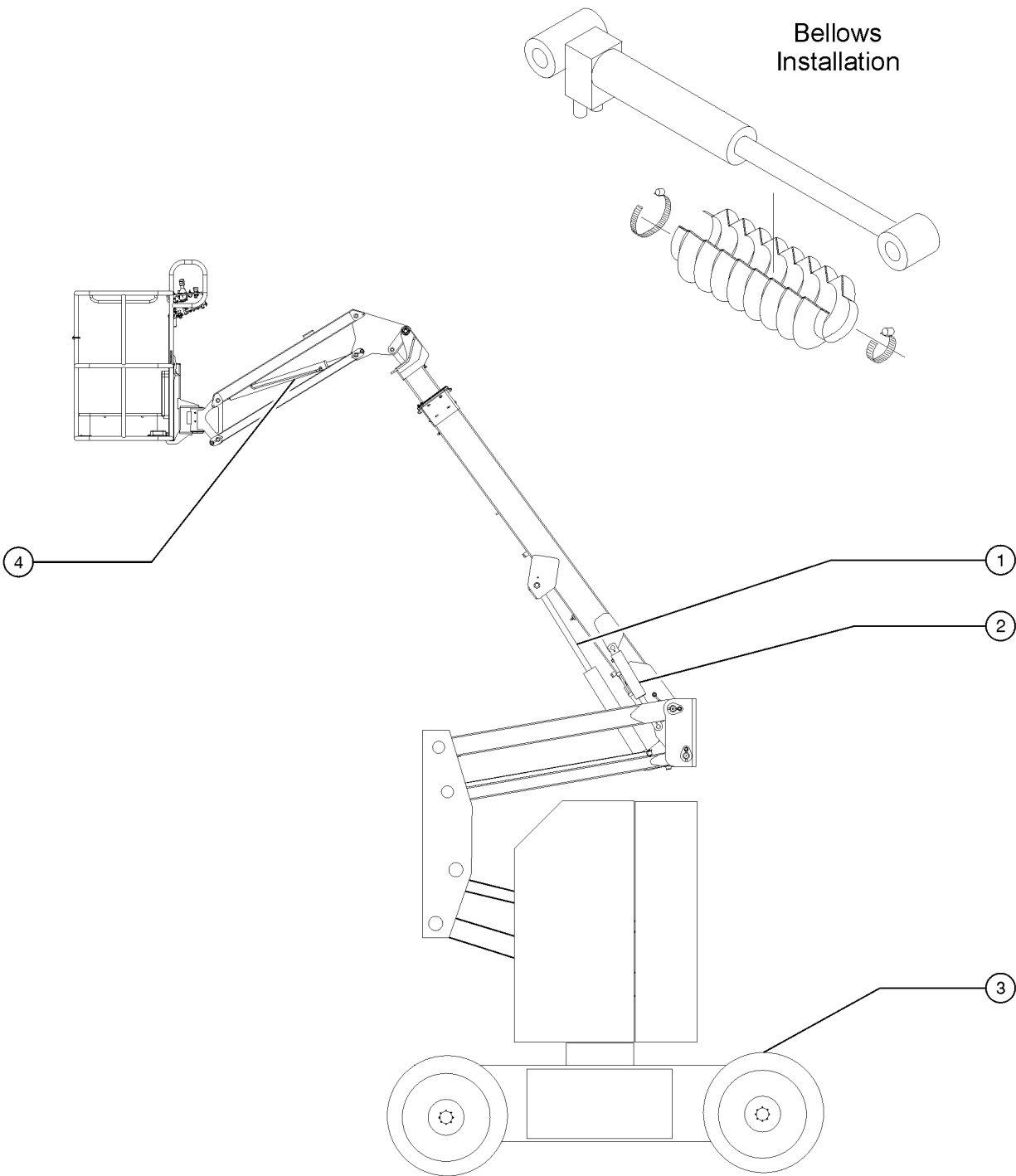
912.1 Hostile Environment - Z30N RJ Primary Boom Wipers



912.1 Hostile Environment - Z30N RJ Primary Boom Wipers

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	825069GT	KIT, WIPER, Z30NRJ	1
1	824064GT	SCREW, HHC, 1/4-20 X 2.25, 8, ZAG	4
2	824109GT	WASHER, LOCK, 1/4, ZAG	4
3	824113GT	WASHER, FLAT, USS, 1/4, ZAG	4
4	119077GT	TUBE, RD, STL, DOM, .75OD X .375ID	4
5	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	10
6	1277924GT	NUT, NYLOCK FLG, 1/4-20, F, ZAG	10
7	128972GT	FORMING, WIPER MOUNT	2
8	128973GT	PLATE, WIPER BACKING	2
9	128971GT	WIPER, PRIMARY BOOM	1

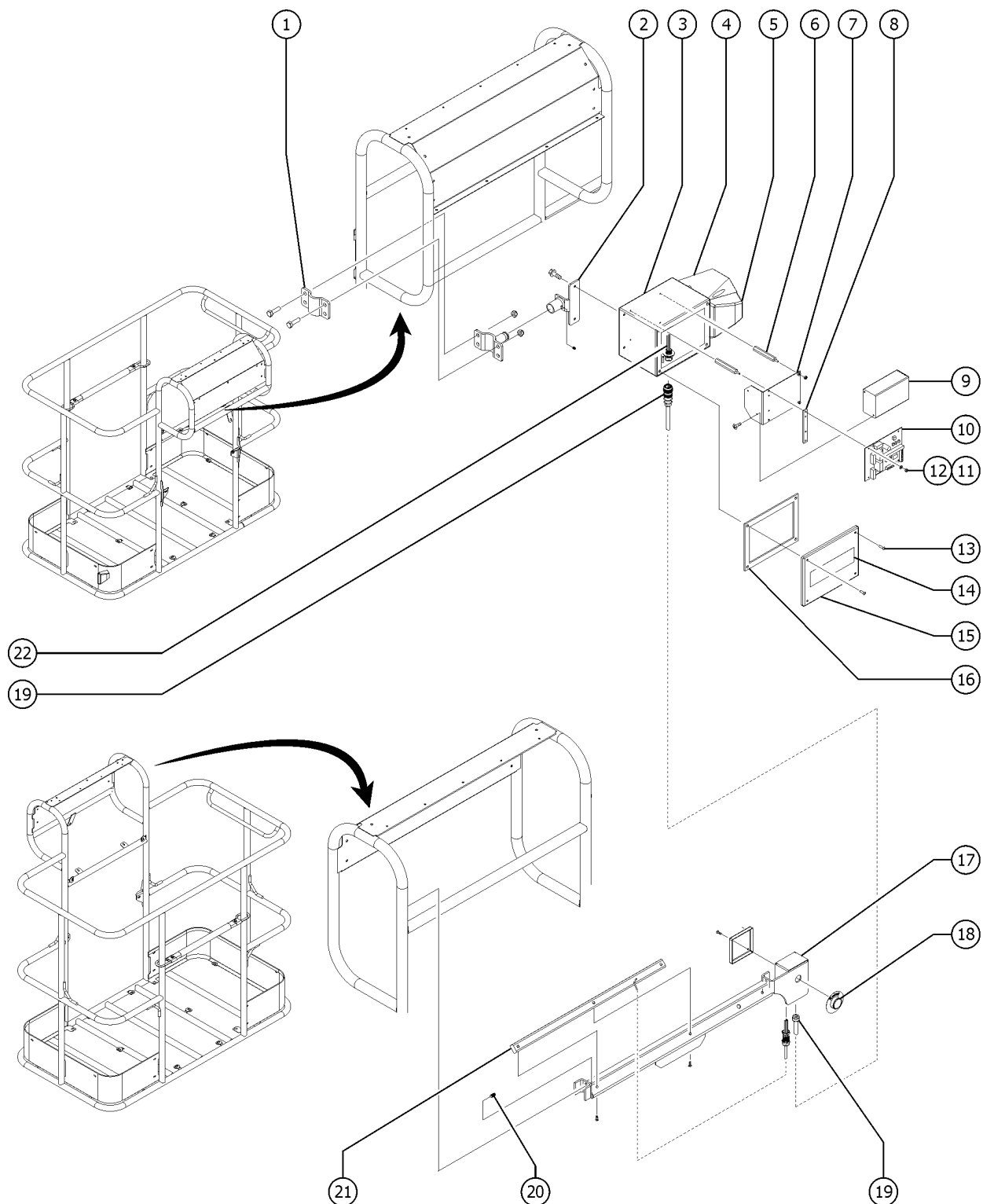
913.1 Hostile Environment - Cylinder Bellows



913.1 Hostile Environment - Cylinder Bellows

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	128838GT	KIT, CYLINDER BELLOWS	
1	94461GT	BELLOWS,PRIMARY/ELEV CYLINDER	2
2	94463GT	BELLOWS,MASTER CYLINDER	1
3	54989GT	BELLOWS,STEERING CYLINDER	1
		not shown	
4	94462GT	BELLOWS,JIB CYLINDER	1
5	30577GT	COVER,PROTECTIVE,MASTER/SLAVE	1
		not shown	
6	30489GT	CLAMP,HOSE,3.50	5
		not shown	
7	30971GT	CLAMP,HOSE,3.00"	1
		not shown	
8	35434GT	CLAMP, HOSE, 1.56-2.5"	6
		not shown	

914.1 Operators Protection Alarm (to January 2017)

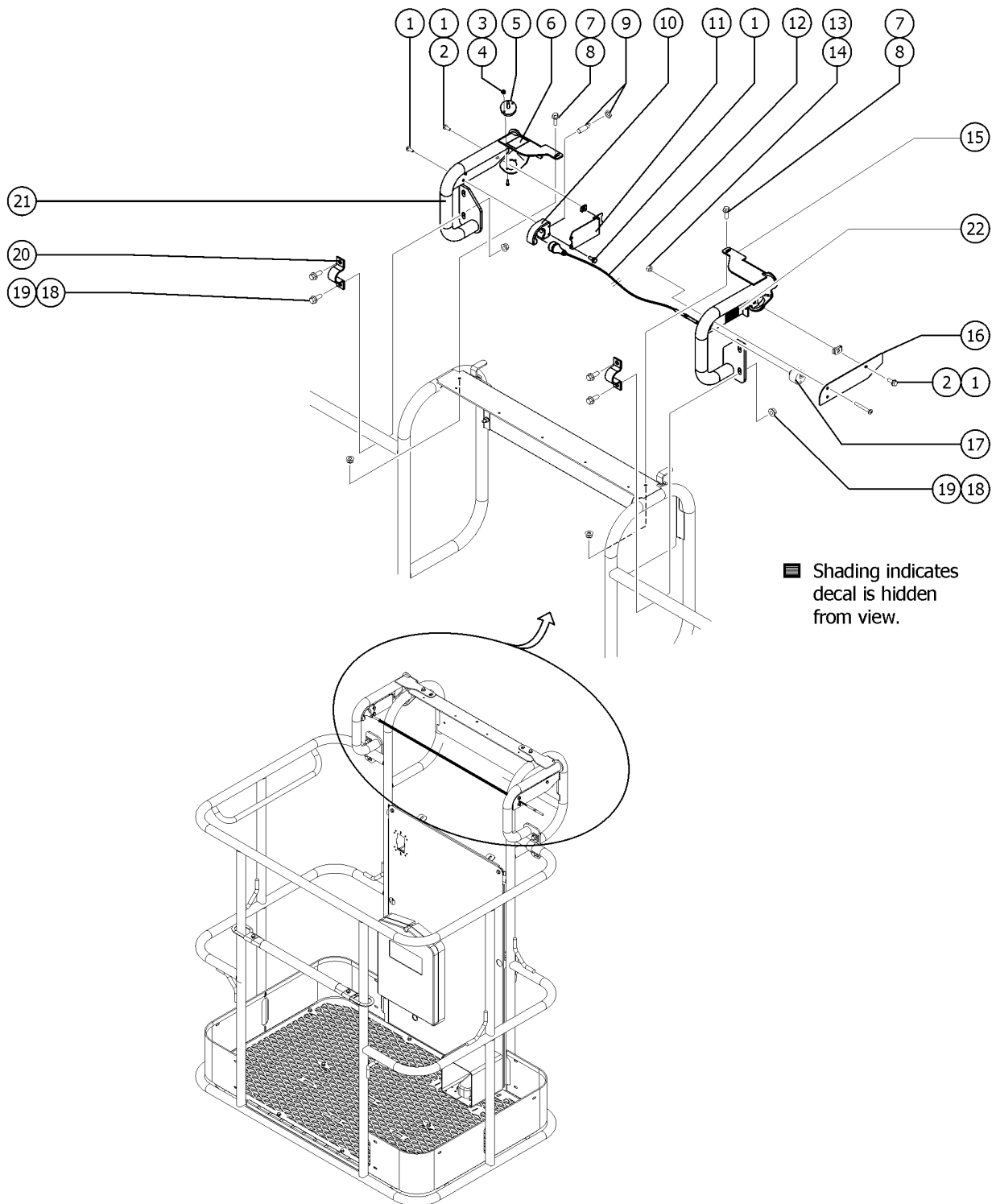


914.1 Operators Protection Alarm (to January 2017)

Item	Part No.	Description	Qty.
A	1255567GT	KIT,OPA,HW,24V,SB	1
A-		ASSEMBLY,OPA,4'-5' PLAT No longer available (contact customer service)	
A-	1255030GT	PLUG,BLANKING	
A-	1255858GT	HARN,PBOX,OPA,HW,24V	
1		CLAMP,HAND RAIL,OPA,4'-5' includes fasteners No longer available (contact customer service)	1
2		ASSY,BRKT,CNTRL BOX W/FASTNRS No longer available (contact customer service)	1
3	1255018GT	BASE ENCLOSURE,RED,OPA	1
4		SOUNDER,MIDI,OPA	1
5		No longer available	
5B		SOUNDER LENS, OPA, BLUE (standard lens fitted to OPA)No longer available (contact customer service)	1
6		SOUNDER LENS, OPA, RED No longer available (contact customer service)	1
7		STAND OFF,CONTROL UNIT No longer available (contact customer service)	4
8		BRACKET,CONTROL UNIT No longer available (contact customer service)	1
9		SPACER,HEAT SINK No longer available (contact customer service)	1
10		ASSY,MODULE,CONTROL UNIT,OPA No longer available (contact customer service)	1
11		MODULE,CONTROL UNIT,PCB,OPA No longer available (contact customer service)	1
12		NUT,M4 NYLOCK	4
13		No longer available	
14	1255027GT	WASHER,M4 NYLON	4
15	1255890GT	WASHER,M5 NYLON	4
16		DECAL,COSMETIC,GENIE	1
17		LID ENCLOSURE,RED,OPA	1
18		No longer available	
19	1255036GT	GASKET,ENCLOSURE	1
20		No longer available	
21	1255889GT	ASSEMBLY,TAPESWITCH 4-ft and 5-ft platforms; includes j-box and fastenersNo longer available (contact customer service) ..	1
22		ASSEMBLY RESET SWITCH	1
23		ASSEMBLY,CABLE,TAPESWITCH No longer available (contact customer service)	1
24		DECAL,SYMBOL-READ THE MANUAL	1
25		SENSOR,RUBBER EDGE 4-ft and 5-ft platforms No longer available (contact customer service)	1
26		HARN,PIGTAIL,TAPESWITCH,OPA No longer available (contact customer service)	1



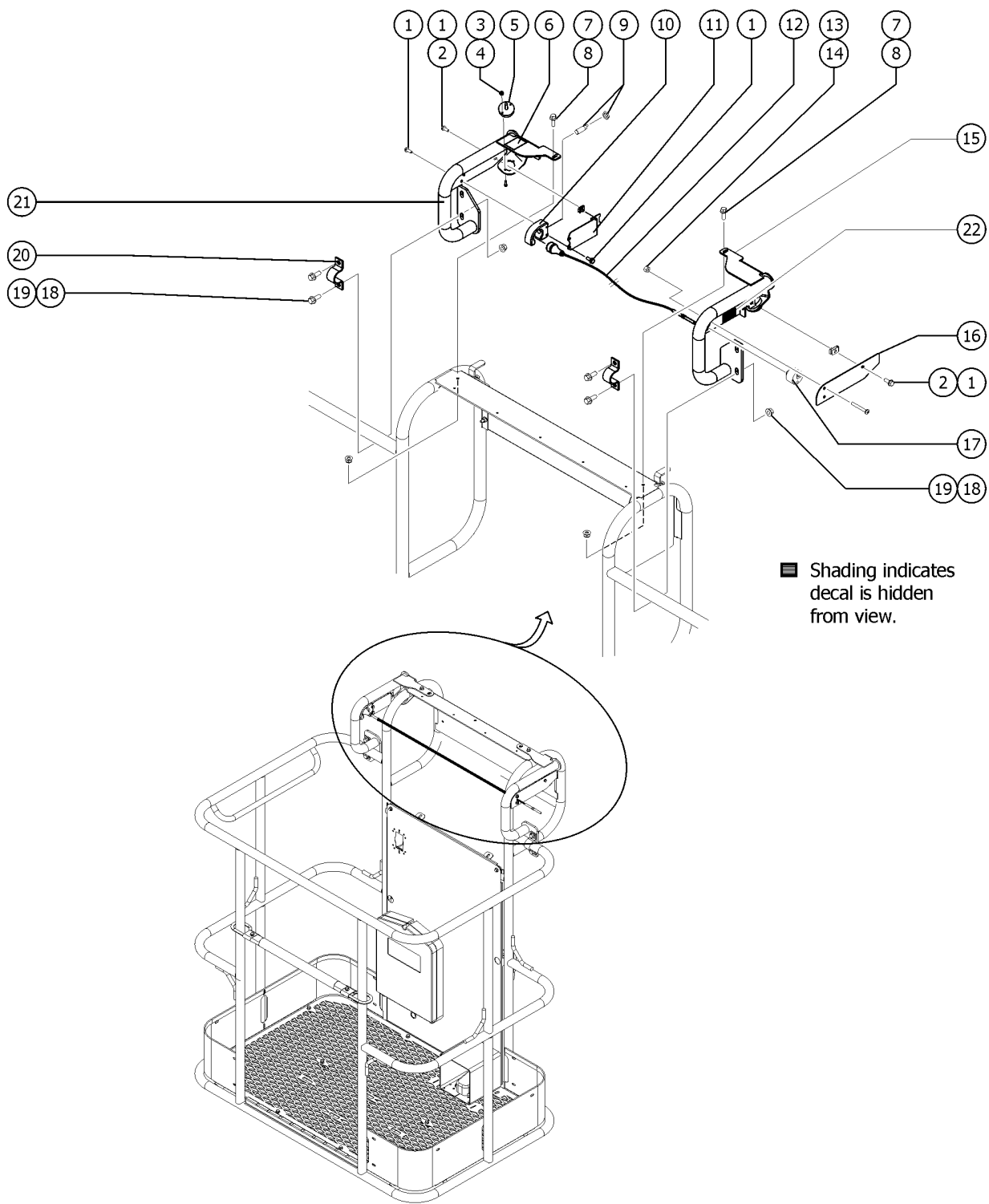
914.2 Lift Guard Contact Alarm (from January 2017)



914.2 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-	1279136GT	KIT,LIFT GUARD CONTACT ALARM,4'-5' PLATFORM	
C-	1278450GT	HARNESS, CONTACT ALARM, Z30/34DC	
		(to Z30ND-1815)	
D-	78098GT	RELAY,24VDC,40/30A,SLD W/BRKT*	
E-	1278121GT	MODULE, PLUS+1, OPA2	
		located inside the Platform Control Box, to Z30ND-1815	
F-	1310492GT	HARNESS, CONTACT ALARM GEN II, Z30/34DC	
		(from Z30ND-1816)	
G-	1308388GT	MODULE, CONTACT ALARM GEN II, CURTIS 1352-4002	
		(from Z30ND-1816)	
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,6-32X7/8,ZAG	
5	1278111GT	ASSEMBLY, LIGHT, CONTACT ALARM	2
5B	1285850GT	ASSEMBLY,AMBER LIGHTS,CONTACT	
		(to Z30ND-1815)	
5C	1308384GT	ASSY, LIGHTS, 12/24 V CONTACT ALARM, AMBER	2
		(from Z30ND-1816)	
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	1278417GT	ASSEMBLY, OPA CABLE, SMALL	1
		(to Z30ND-1815)	
12-	1278124GT	MAGNET, 1/4-20, 15 LB.	
		Part of assembly 1278417	
12-	1278459GT	OPA WIRE ASSY, SMALL	
		Part of assembly 1278417	
12-	1278368GT	GRIP, CABLE	
		Part of assembly 1278417	
12-	1261184GT	NUT,1/4-20,8,ZAG	
		Part of assembly 1278417	
12B	1310485GT	ASSEMBLY, CONTACT ALARM CABLE, SMALL	1
		(from Z30ND-1816)	
13	825352GT	SCREW,PHPM,10-32X1.25,ZAG	

914.2 Lift Guard Contact Alarm (from January 2017)

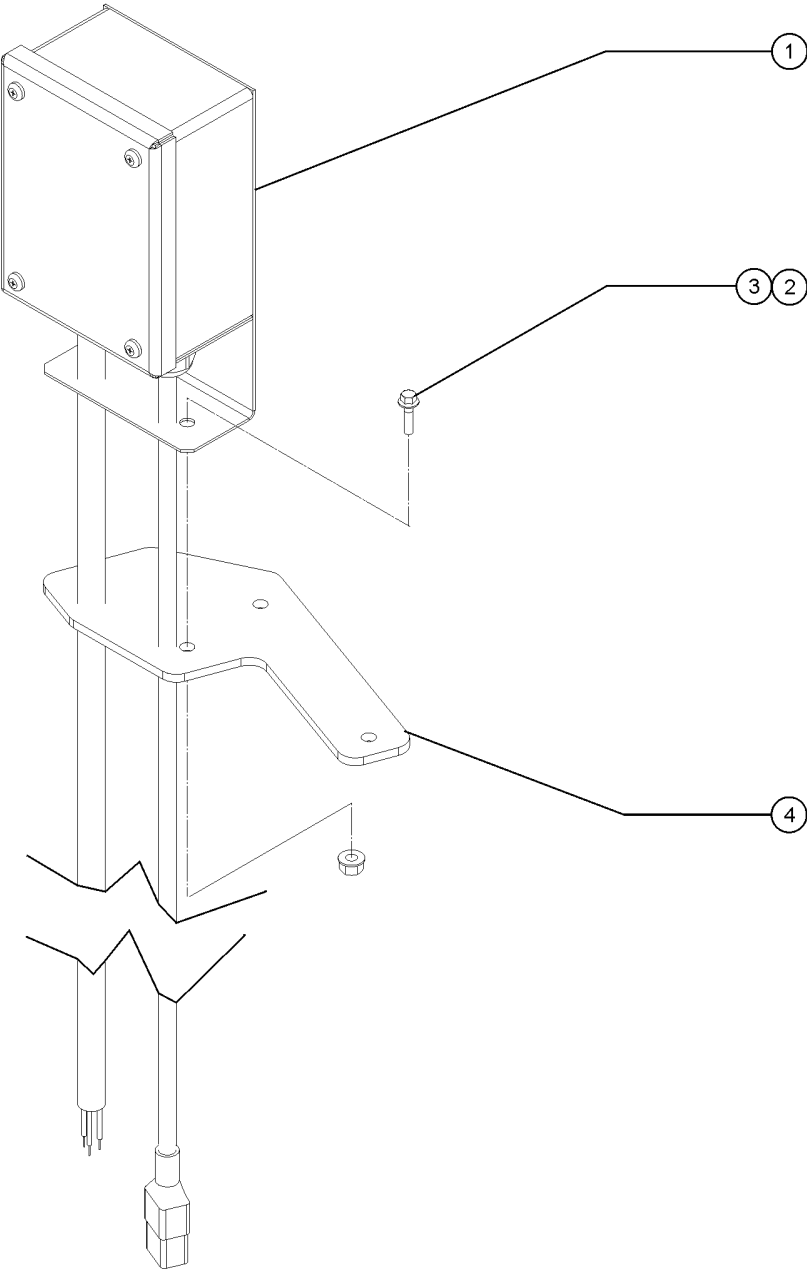


■ Shading indicates
decal is hidden
from view.

914.2 Lift Guard Contact Alarm (from January 2017)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
14	1264261GT	NUT,SERRATED,10-32,ZAG	
15	1278175GT	WELDMENT, RIGHT OPA, SMALL	1
		(to Z30ND-1815)	
15B	1310342GT	WELDMENT, RIGHT CONTACT ALARM, SMALL	1
		(from Z30ND-1816)	
16	1277875GT	PLATE, CABLE AND WIRE COVER	1
17	1277876GT	GUIDE, CABLE	1
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	1278177GT	WELDMENT, LEFT OPA, SMALL	1
		(to Z30ND-1815)	
21B	1310345GT	WELDMENT, LEFT CONTACT ALARM, SMALL	1
		(from Z30ND-1816)	
22	1278982GT	DECAL, INSTRUCTION, ACTUATOR SWITCH SOCKET	1

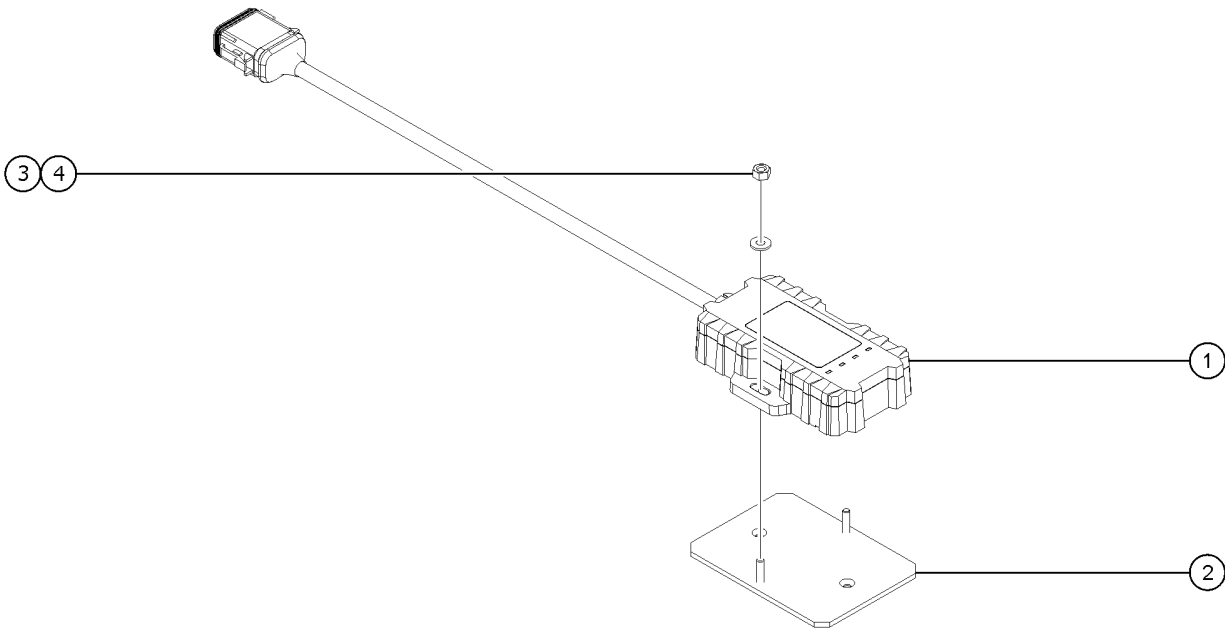
915.1 Charger Protector



915.1 Charger Protector

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	1272235GT	ASSY, VOLTAGE PROTECTOR BOX, Z30/34	1
2	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
3	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
4	1276038GT	PLATE,CHARGER PROTECTOR	1
		US part number	
4B	1281325GT	PLATE,CHARGER PROTECTOR, METRIC	1
		China part number	

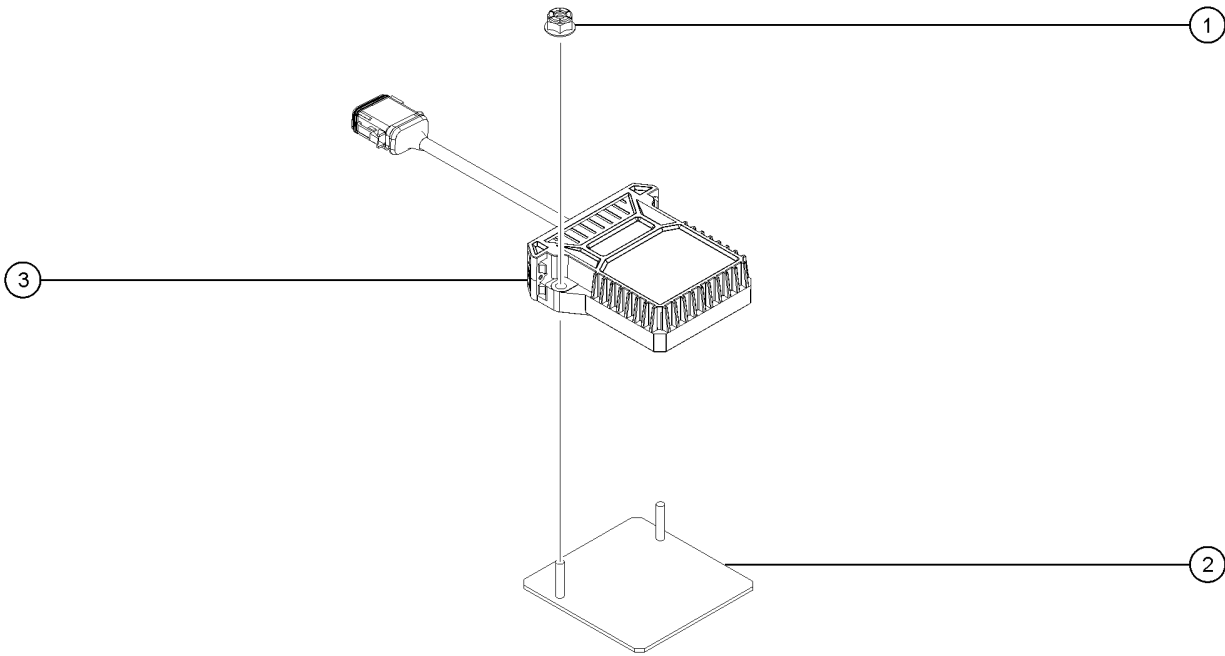
916.1 Telematics Option



916.1 Telematics Option

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
-	1293476GT	HARNESS, RETROFIT, 24" M7 for units after SN Z30N15D-101 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	1
1B	1289521GT	MODULE, TELEMATICS, ZTR, M7, EMEA/APAC	
1C	1289522GT	MODULE, TELEMATICS, ZTR, M7, APAC/ANZ	
1D	1289523GT	MODULE, TELEMATICS, ZTR, M7, JAPAN	
2	1307200GT	BRACKET, TELEMATICS	1
3	1271081GT	NUT, NYLOCK, 8-32, 8, ZAG	2
4	1257390GT	WASHER, FLAT, #8, SAE, ZAG	2

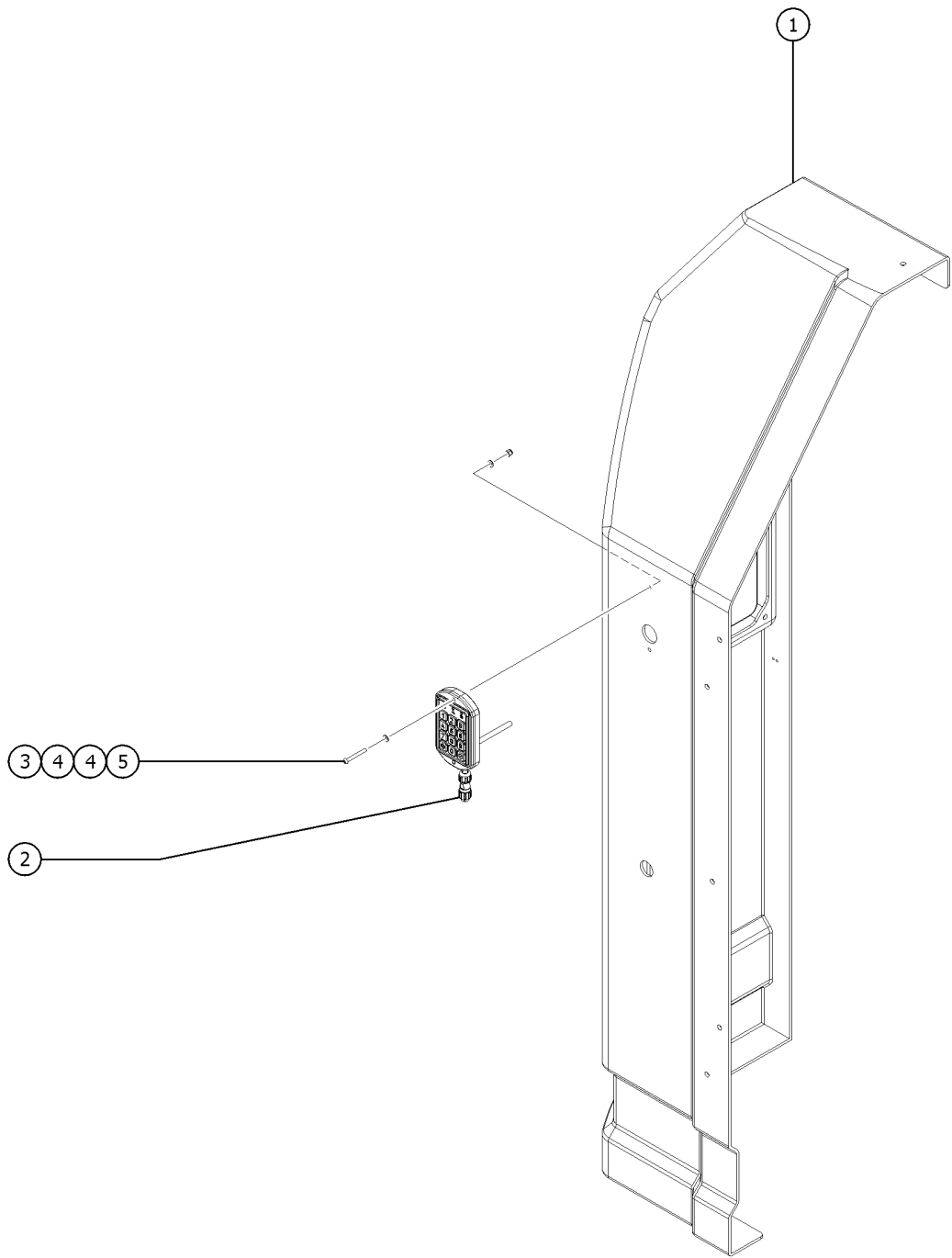
916.2 China Telematics Option, TZ200, STD



916.2 China Telematics Option, TZ200, STD

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

917.1 ACCESS MANAGER OPTION



917.1 ACCESS MANAGER OPTION

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1		Ref. Cover, Tank Side (refer to 305.1)	
2	1296895GT	KEYPAD, ACCESS MANAGEMENT, LIFT CONNECT	1
2-	1309221GT	HARNESS, ACCESS MANAGEMENT, 8", NON-CAN NOT SHOWN	1
2-	1273629GT	WIRE CLAMP, ADHESIVE, ADJUSTABLE, 7/16" NOT SHOWN	4
2-	6578GT	CABLE TIE, 7 3/8" NOT SHOWN	2
3	1256698GT	SCREW, PHPM SEMS ET, 8-32X1.5, ZAG	2
4	1257390GT	WASHER, FLAT, #8, SAE, ZAG	4
5	1271081GT	NUT, NYLOCK, 8-32, 8, ZAG	2

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
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1484GT	11	19506GT	75	28165GT	19
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6019GT	129	19712GT	145	28174GT	15, 19, 23, 27, 31, 35...
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6090GT	137	19721GT	145	28176GT	19
6146GT	181	19722GT	145	28177GT	19
6356GT	137	19789GT	153	28181GT	17
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6782GT	181	21427GT	145	28372GT	13, 29
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10107GT	181	22359GT	99, 103, 115	30489GT	195
10775GT	133	22794GT	65	30577GT	195
10777GT	133	22811GT	49	30807P-SGT	131
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13002GT	55	23404GT	59, 71, 75, 143, 187	30997GT	143
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13268GT	141, 179	24514GT	133	31194GT	65, 161
13471GT	77	25388GT	83	31508GT	13, 29
13480-SGT	77	25683GT	97, 125	31527GT	151
13511GT	75	25685GT	177	31785GT	13, 29
13585GT	133	25817GT	45	31787GT	13, 29
13825GT	167, 177	27246GT	75, 77, 181	31788GT	13, 29
13826GT	177	27391GT	185	32150GT	11
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18503GT	55	27895GT	169	33759GT	133
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19470GT	155	28161GT	15, 17	35088GT	109

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36194GT	97, 99, 125, 129	37191GT	81	44743GT	133
36198GT	99, 129	37192GT	81	44777GT	79
36199GT	109, 117	37947GT	75	44778GT	49, 79
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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.

Parts Manual
Z-30N/20N
Z30/20N RJ

*from SN Z30N15D-101 to Z30N16D-199
from SN Z30ND-200*

Part No.
1285596GT

Rev A14

