A TEREX BRAND

Parts Manual

Serial Number Range

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

from SN Z30N13-15133 to 17163
from SN Z30N16F-17164 to Z30N16F-18899

Part No. 1262611GT
Rev: C.02
July 2024

Technical Publications

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

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

Contact Us:

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

Find a Manual for this Model

Go to http://www.genielift.com

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

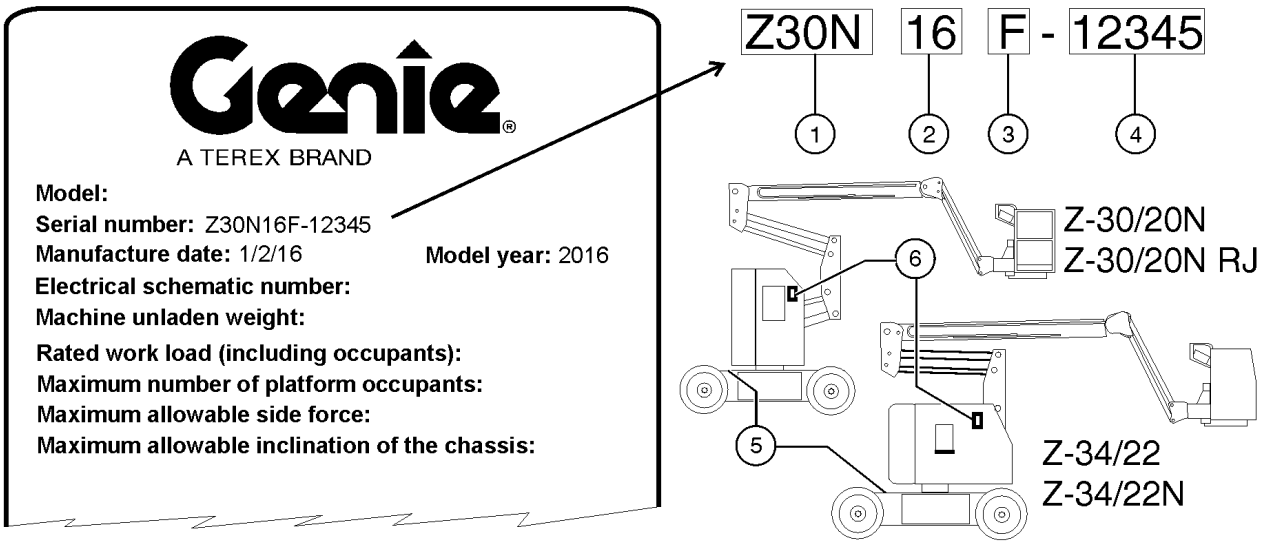
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1262611GT Rev C.02 July 2024
Third Edition, Third Printing

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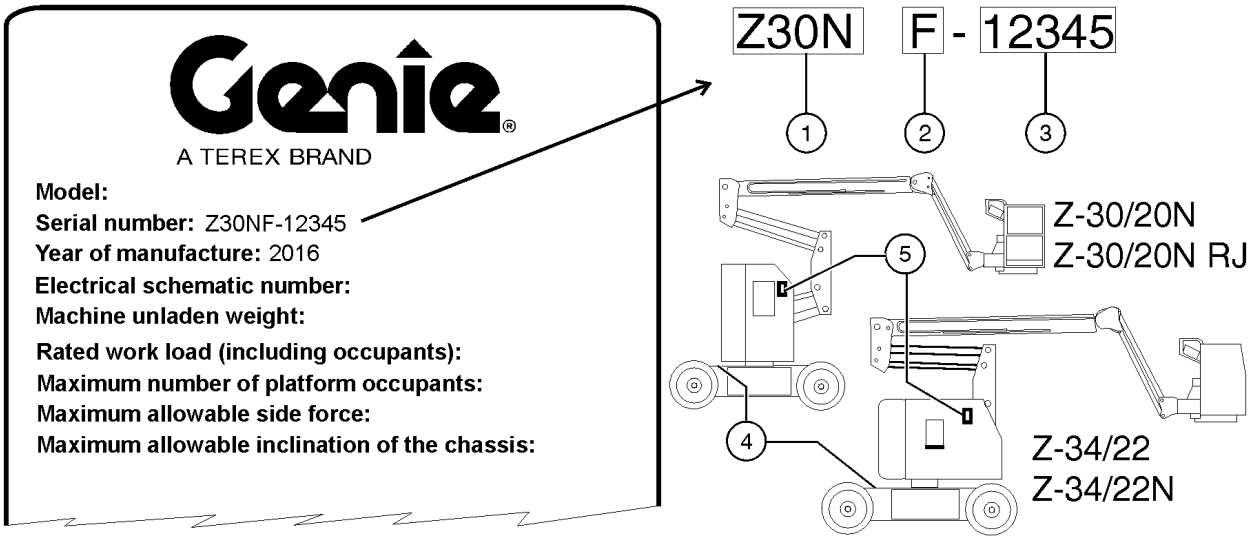
Printed on recycled paper

To August 31, 2016



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



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

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Telephone +65 6692 7777

Fax +65 6261 8893

http://genielift.com.sg/

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

http://genielift.com.au

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

Required Parts

The following parts are required to perform maintenance procedures as outlined in the Genie Z-30/20N and Z-30/20N RJ Service Manual.

Description	Part No.
Filter Element, 10 Micron	44788
O-ring Kit (for O-ring Face Seal Fitting)	49612
Plug and Cap Kit (for O-ring Face Seal Fitting)	49613
Dielectric Grease	66399

Recommended Parts

Description	Part No.
Genie Blue Paint, 1 Gallon	32150
Genie Blue Paint, 12 Ounce Aerosol	1484
Genie Gray Paint, 1 Gallon	32151
Genie Gray Paint, 12 Ounce Aerosol	1268

Genie also offers the following support documents:

EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5	31779

TEREX CORPORATION

Service Parts Fax Order Form

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

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

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

Optional Equipment _____

Part Number	Description	Quantity	Price

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

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

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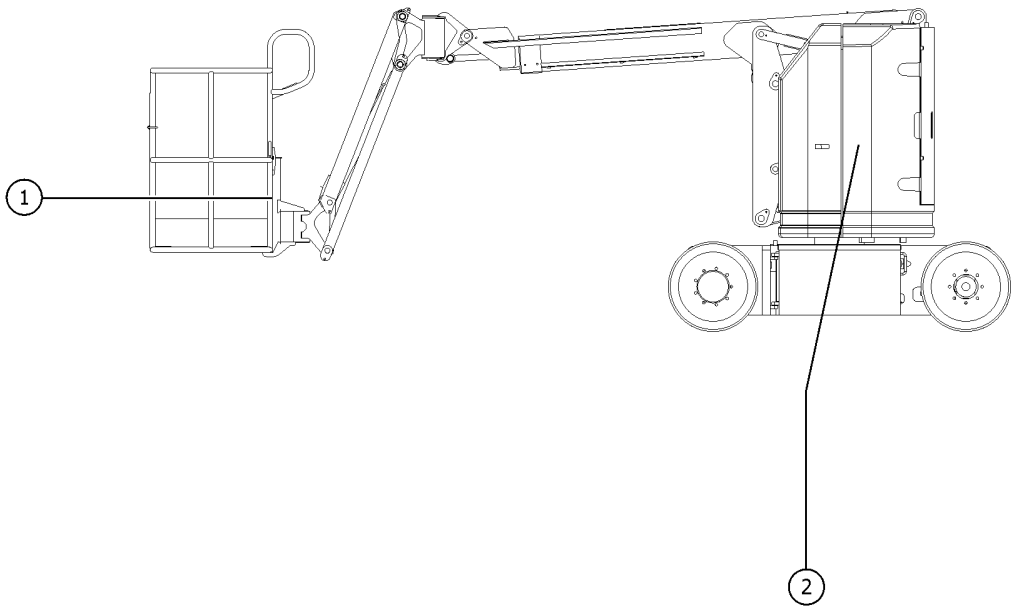
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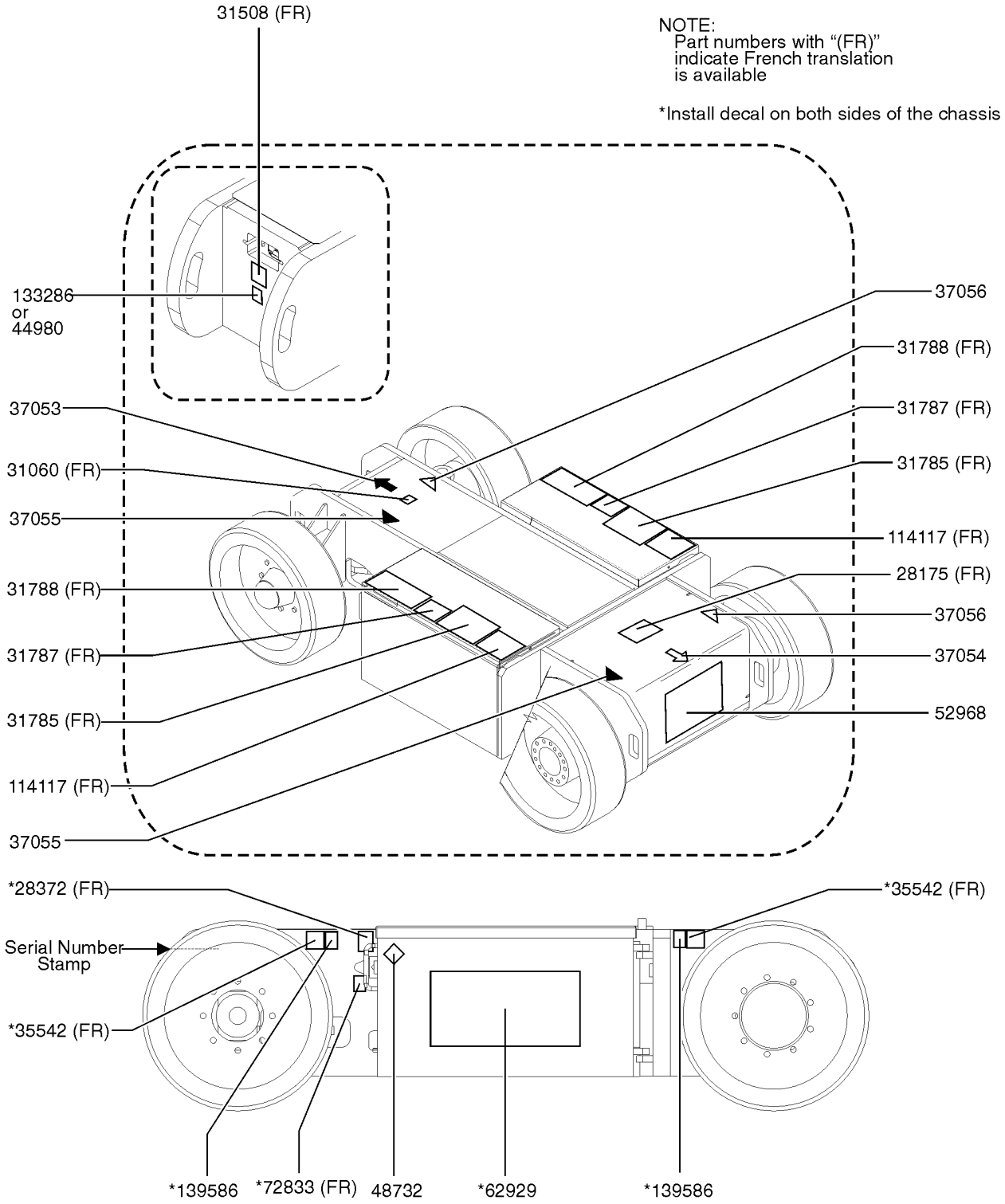
Notes

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*	

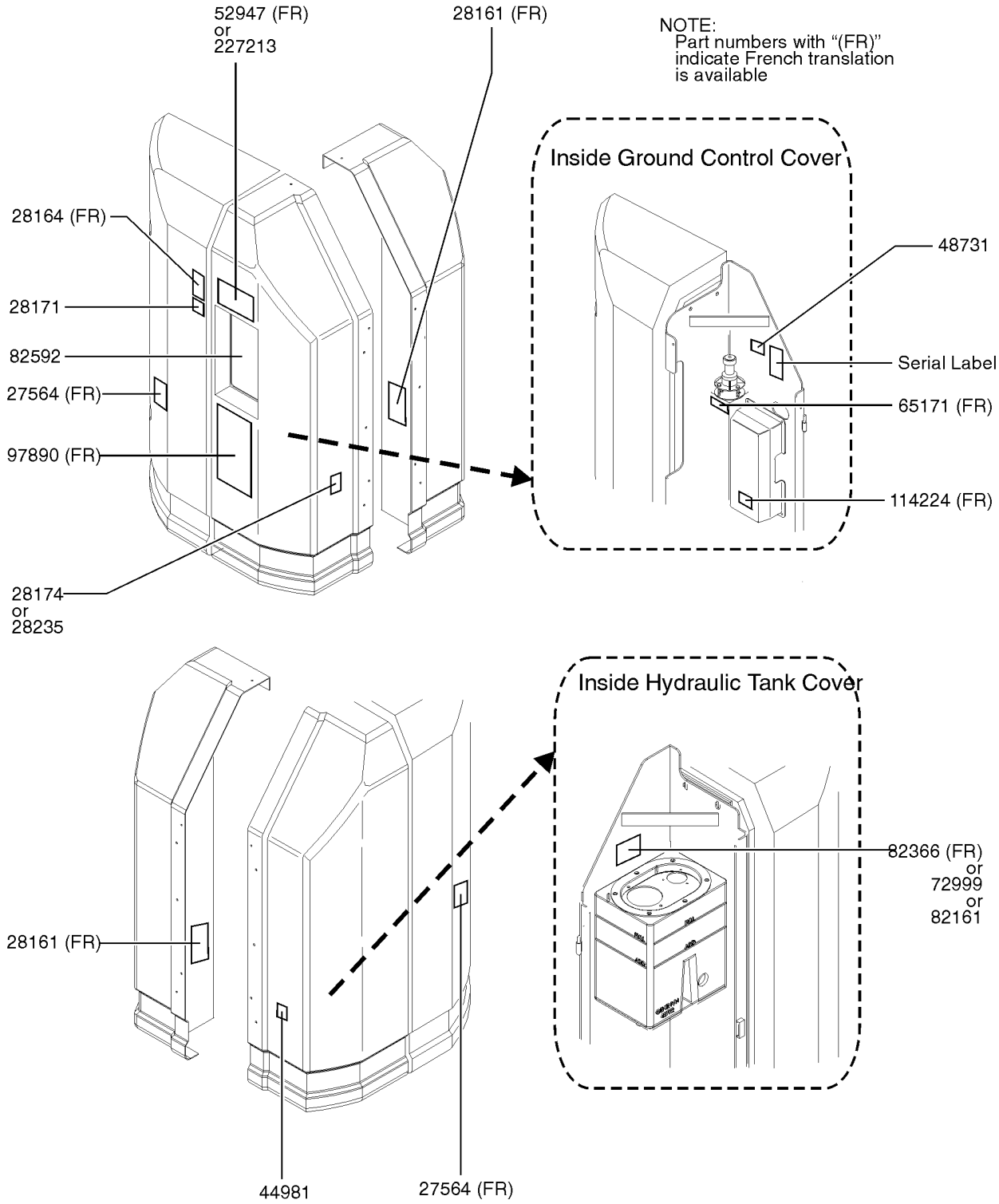
101.1 Decals with Word, Chassis/Battery Box (ANSI & Australia)



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

Item	Part No.	Description	Qty.
	1298973GT	DECAL KIT,PLAT Z30N & Z34N/DC,WORD platform kit from SN 15133 to 18899	
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

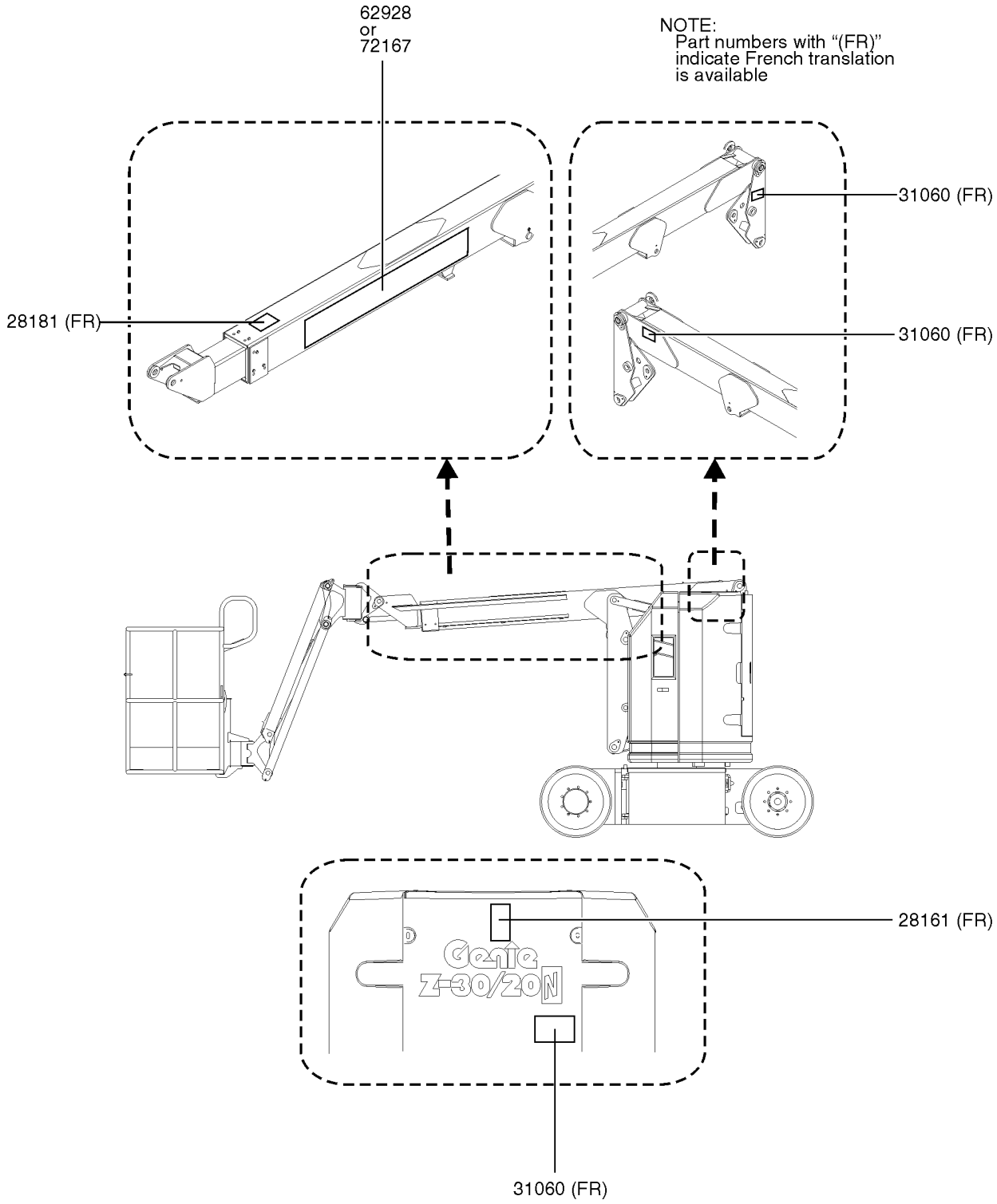
102.1 Decals with Word, Turntable Covers (ANSI & Australia)



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

Item	Part No.	Description	Qty.
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 110 PSI option, air line to platform	1
9	52947GT	DECAL,OPERATING INSTR,GROUND ANSI	1
10	65171GT	DECAL,LABEL,CB & STATUS LIGHT	1
11	72999GT	DECAL,LABEL,PETRO CANADA*** option, hydraulic oil	1
12	82161GT	DECAL,LABEL,UCON HYDROLUBE option, hydraulic oil	1
13	82366GT	DECAL,CHEVRON RANDO HD option, hydraulic oil	1
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 AUS	1

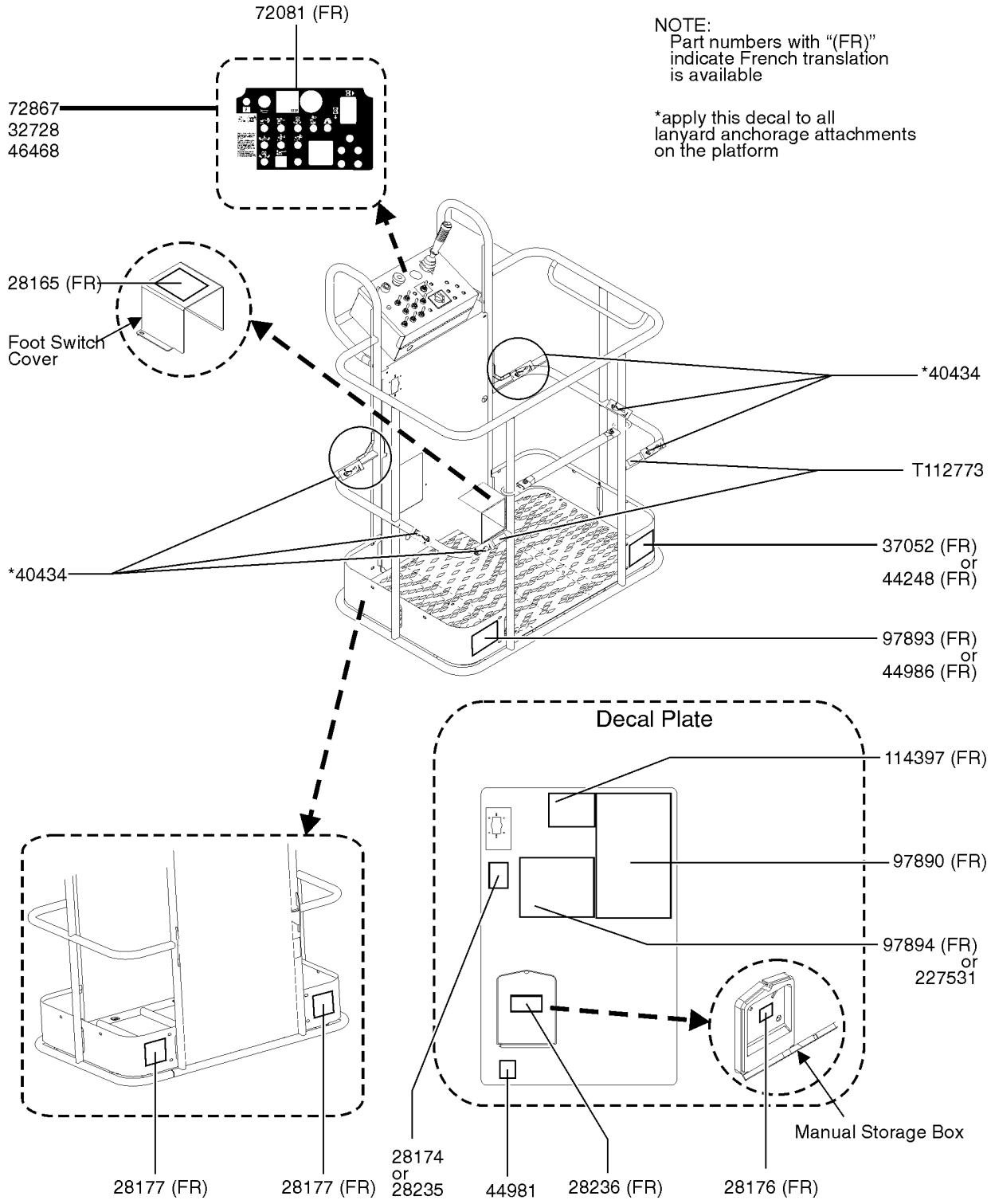
103.1 Decals with Word, Boom (ANSI & Australia)



103.1 Decals with Word, Boom (ANSI & Australia)

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

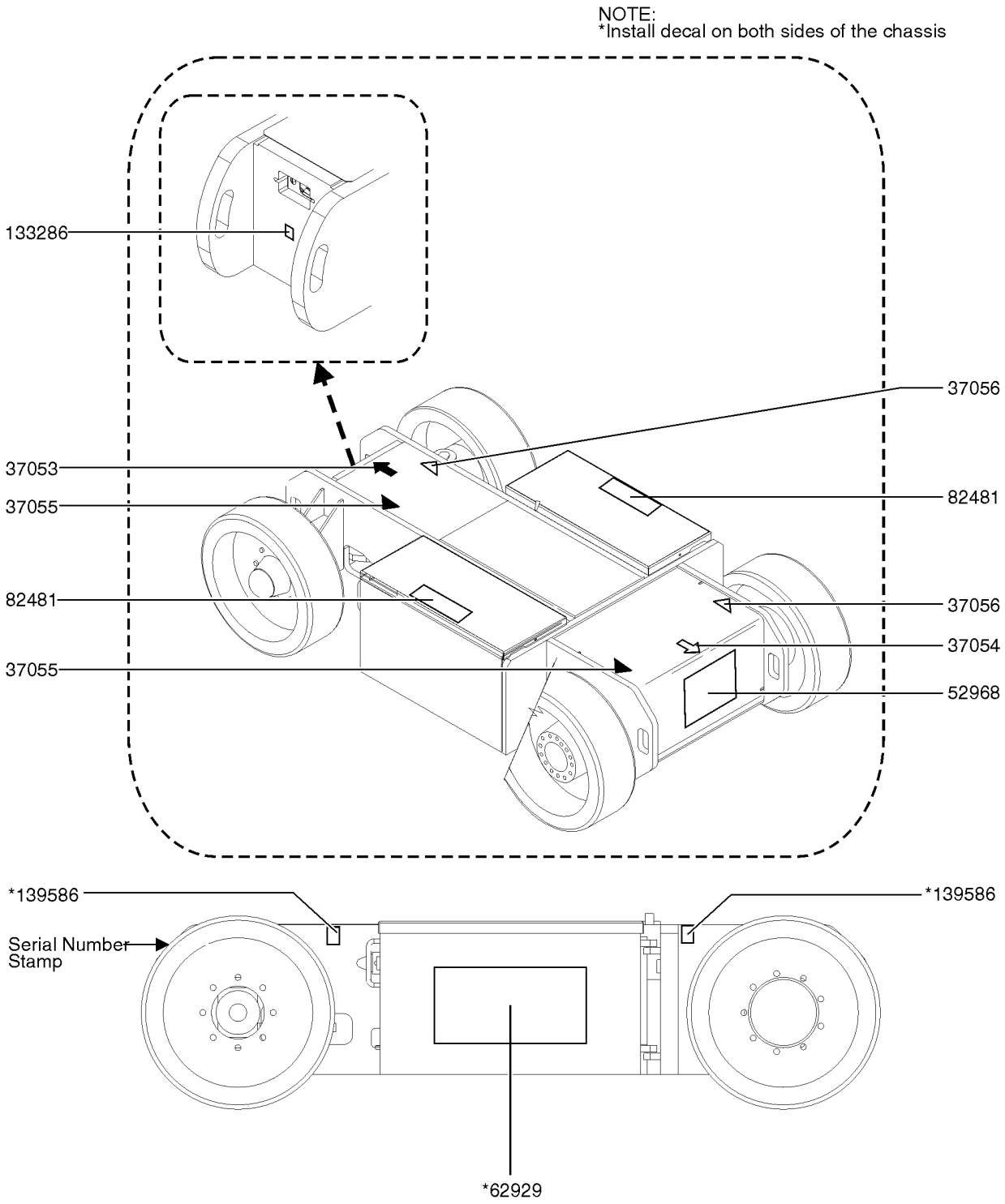
104.1 Decals with Word, Platform (ANSI & Australia)



104.1 Decals with Word, Platform (ANSI & Australia)

Item	Part No.	Description	Qty.
	1298973GT	DECAL KIT,PLAT Z30N & Z34N/DC,WORD	
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 110 PSI 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

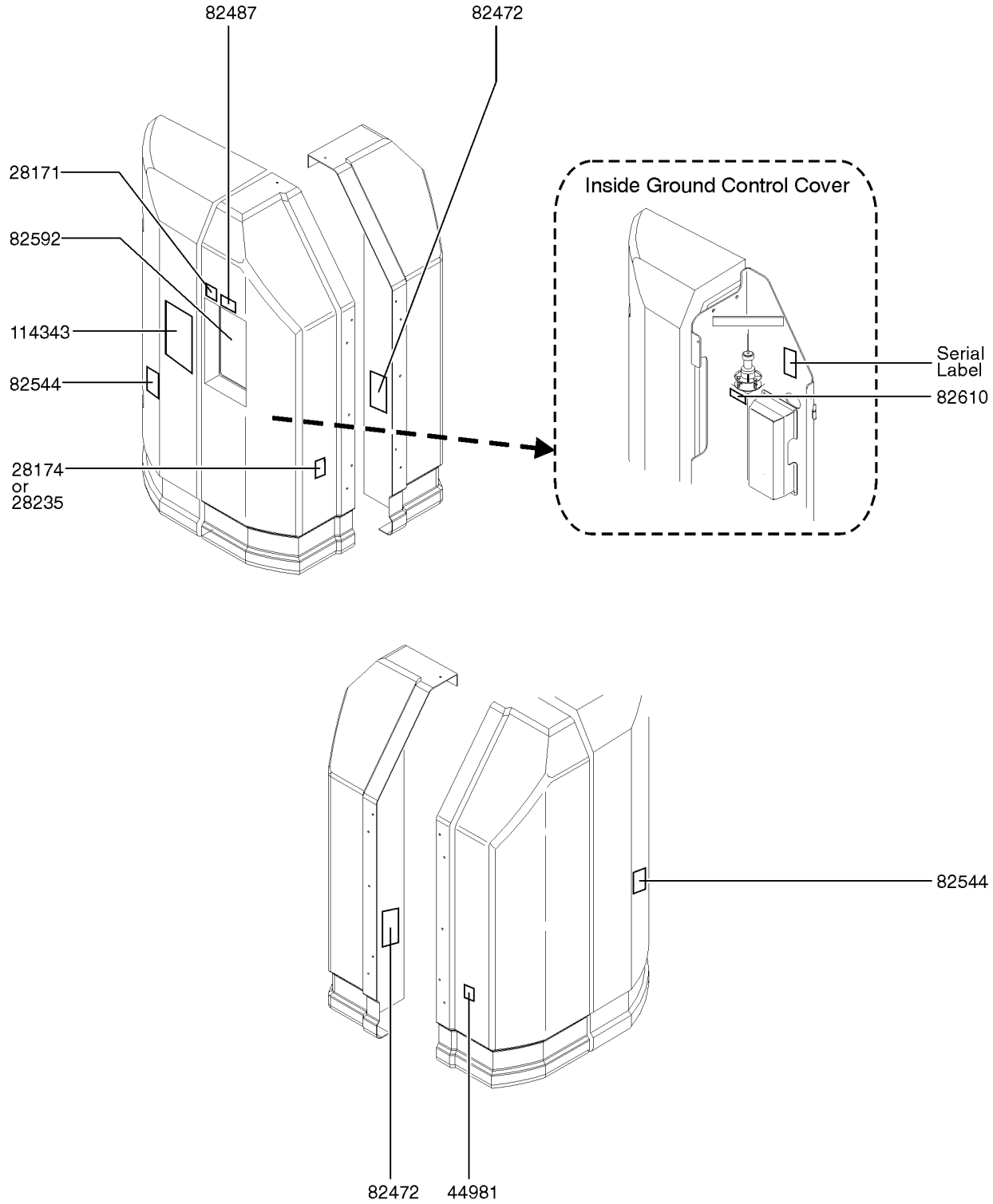
105.1 Decals with Symbol, Chassis/Battery Box (ANSI & CE)



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

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

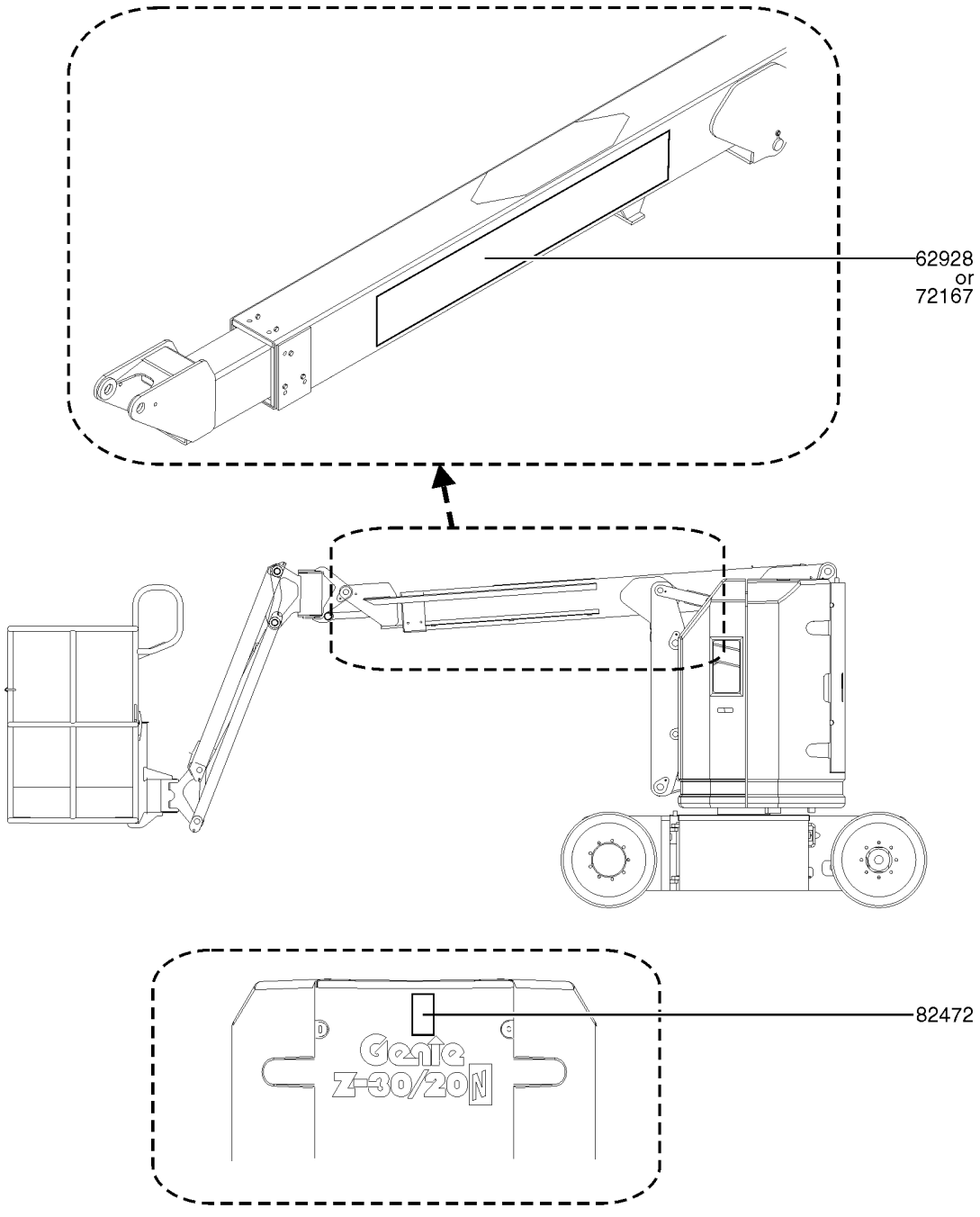
106.1 Decals with Symbol, Turntable Covers (ANSI & CE)



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

Item	Part No.	Description	Qty.
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 110 PSI option, airline to platform	1
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

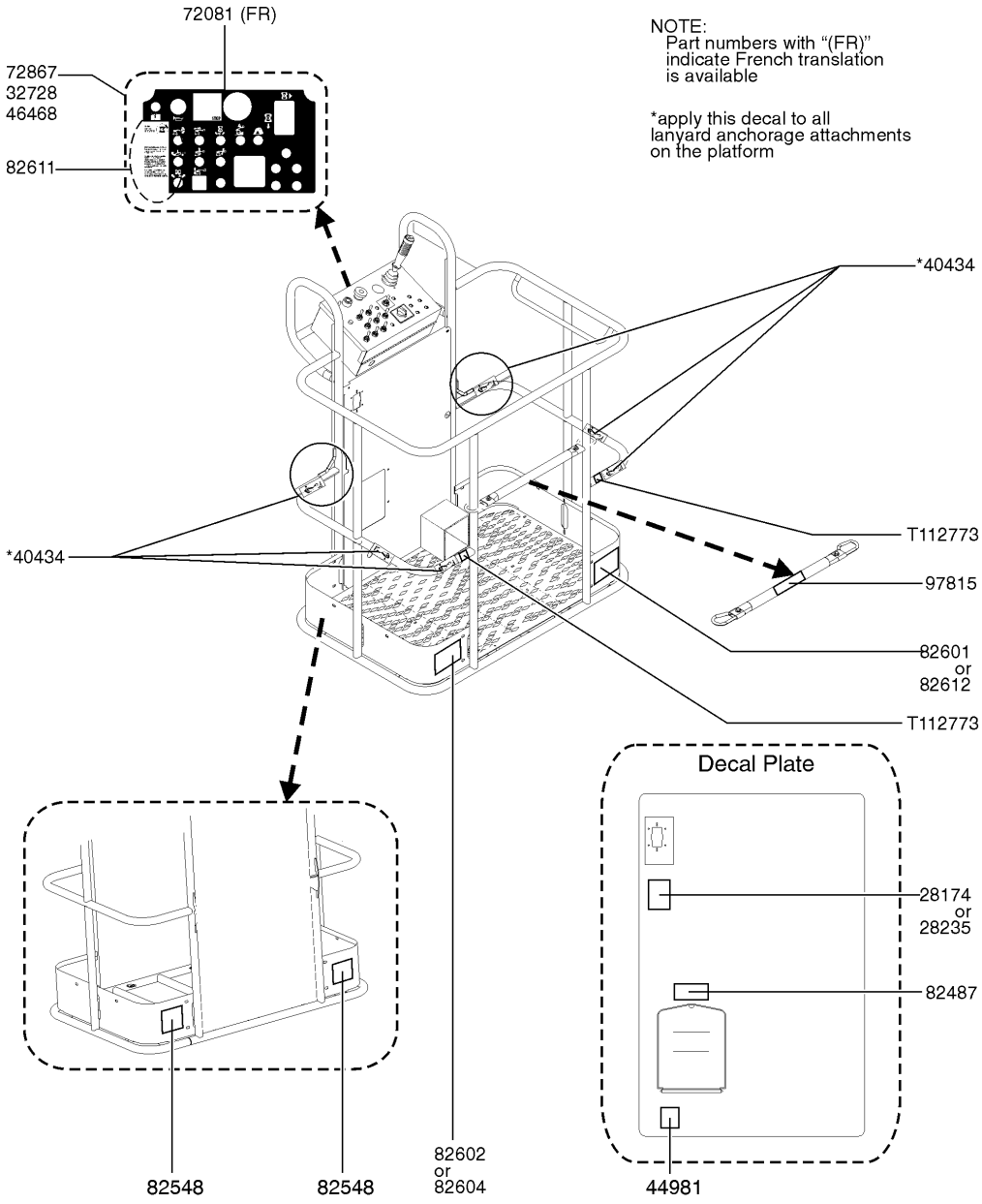
107.1 Decals with Symbol, Boom (ANSI & CE)



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

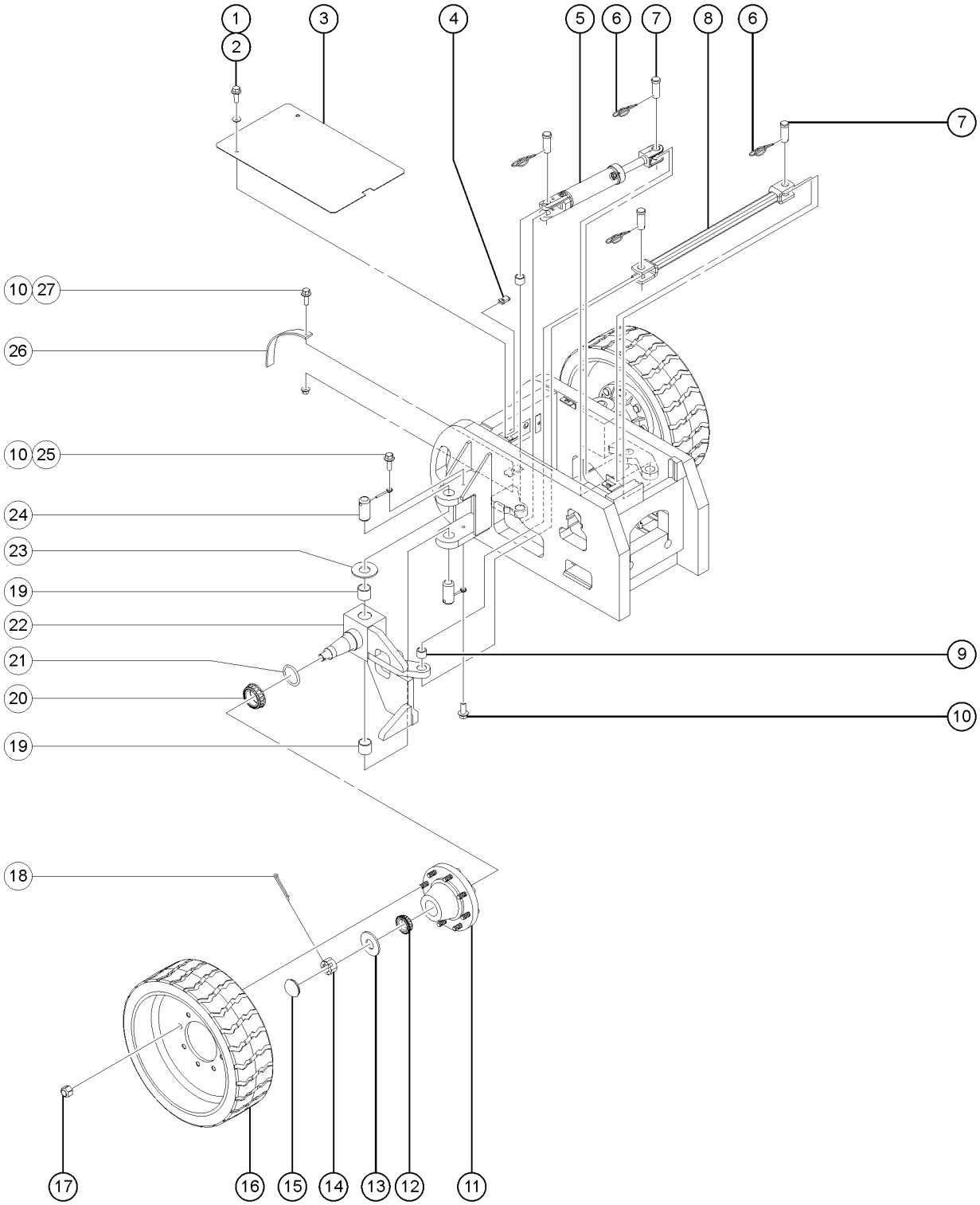
108.1 Decals with Symbol, Platform (ANSI & CE)



108.1 Decals with Symbol, Platform (ANSI & CE)

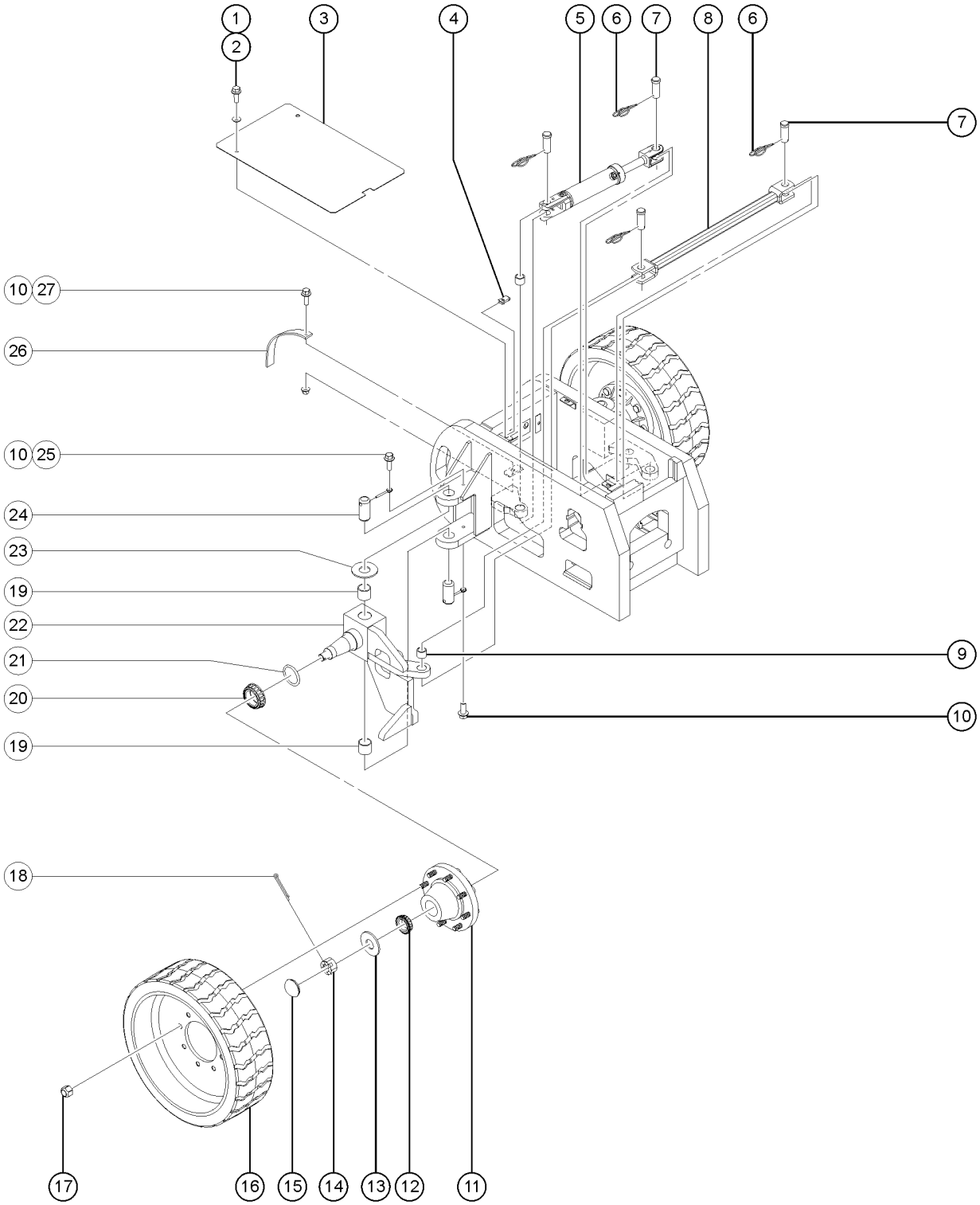
Item	Part No.	Description	Qty.
	1298977GT	DECAL KIT,PLAT Z40/Z34/Z30,SYMBOL	
1	28174GT	DECAL,POWER TO PLATFORM 230V	1
2	28235GT	DECAL,POWER TO PLATFORM 115V	1
3	32728GT	DECAL,OPTION GENERATOR*** option, inverter	1
4	40434GT	DECAL,LANYARD ANCHORAGE POINT	6
5	44981GT	DECAL,LABEL,AIRLINE 110 PSI option, airline to platform	1
6	46468GT	DECAL,FUNCTION OVERRIDE option, aircraft protection	1
7	72081GT	DECAL,PLATFORM CONTROL PANEL**	1
8	72867GT	DECAL,LABEL,LIGHTS*** option, work lights	1
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 ANSI	1
13	82604GT	DECAL,DANGER,SIDE FRC 400N CE	1
14	82611GT	DECAL,DRIVE ENABLE PATCH	1
15	82612GT	DECAL,DANGER,MAX CAP,200KG option, aircraft protection	1
16	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
17	T112773GT	TAPE, PROTECTIVE MASK	2

201.1 Steer Axle Linkage, Wheels and Hubs



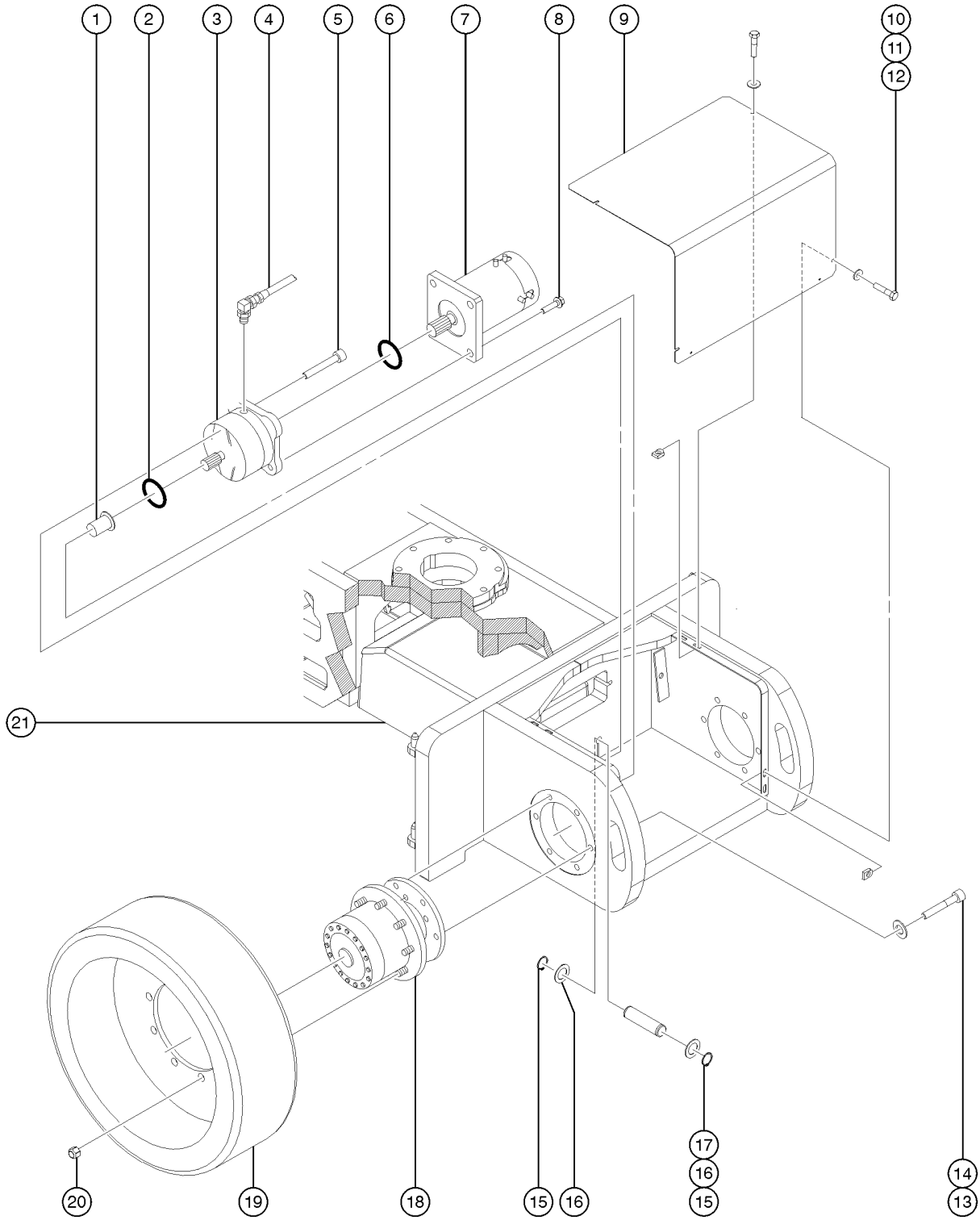
Item	Part No.	Description	Qty.
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
2	824113GT	WASHER,FLAT,USS,1/4,ZAG	
3A	37100GT	COVER W/DECAL DR CHAS STR END* word decals	1
3B	106038GT	FRT COVER ASSY. W/SYM DECALS** symbol decals	1
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
5	88337GT	CYLINDER,STEER	1
5-	88338GT	SEAL KIT, 88337	
6	824129GT	RUE RING,1.0,ZAG	4
7	824127GT	PIN,CLEVIS,1.0X2.41,SAE,ZAG	4
8	36163-SGT	TIE ROD,WELDMENT,Z30N**	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
12A	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
20A	40145GT	BEARING RACE (LARGE) (45873) inner cone not included	
21	45110GT	SEAL-GREASE,MODEL 60-8	2
22A	74312GT	YOKE ASSY,LH,Z30NRJ left side; includes items 9 and 19	1

201.1 Steer Axle Linkage, Wheels and Hubs



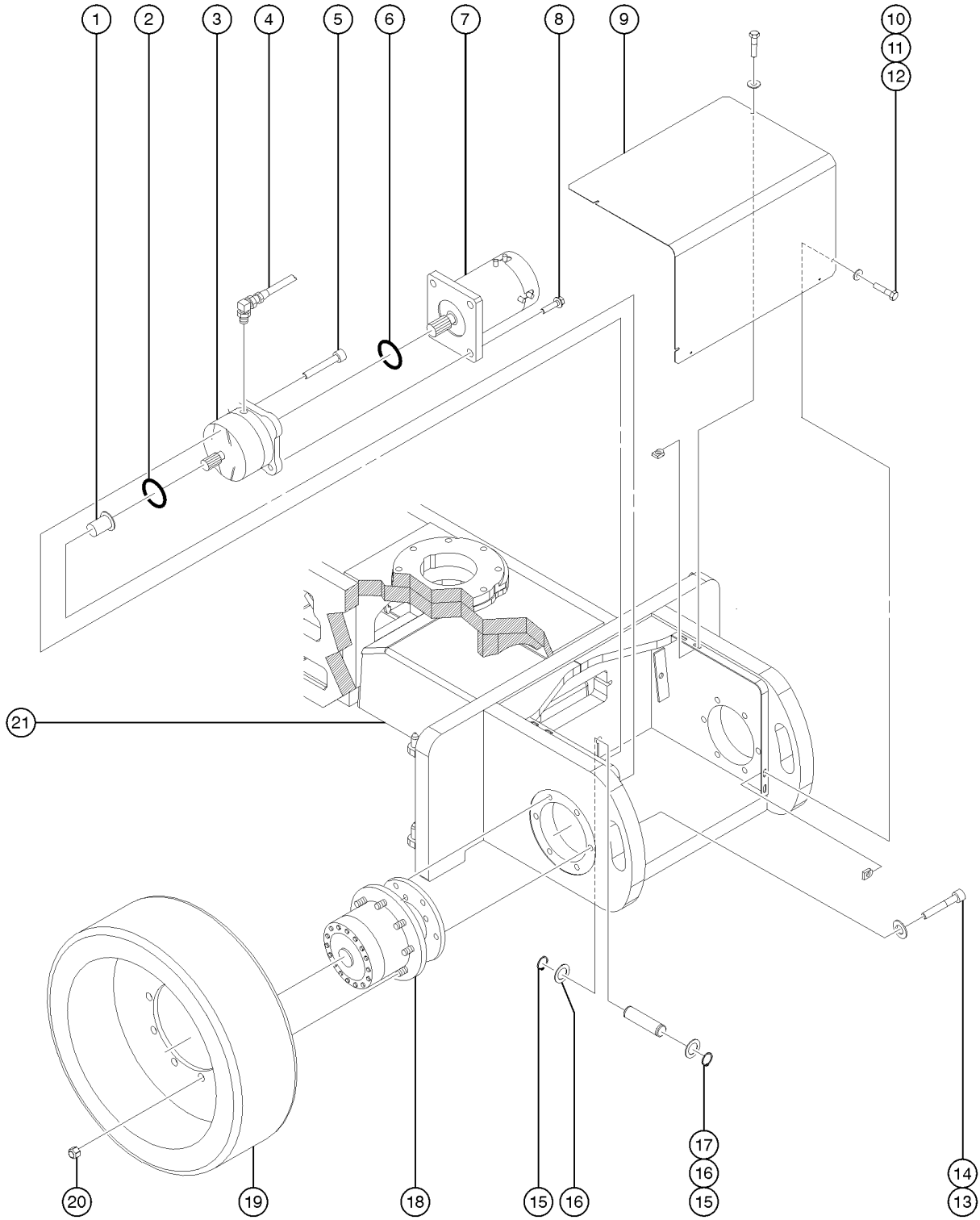
Item	*Part No.*	*Description*	*Qty.*
22B	74313GT	YOKE ASSY,RH,Z30NRJ right side; includes items 9 and 19	1
23	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
24	36211GT	PIN,1.50DIAX3.25LG,1HOLE	4
25	825019GT	ROD END, .375X3.69, ZAG	4
26	96317GT	GROUND STRAP,12"LG***	1
27	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	

202.1 Non-steer Axle



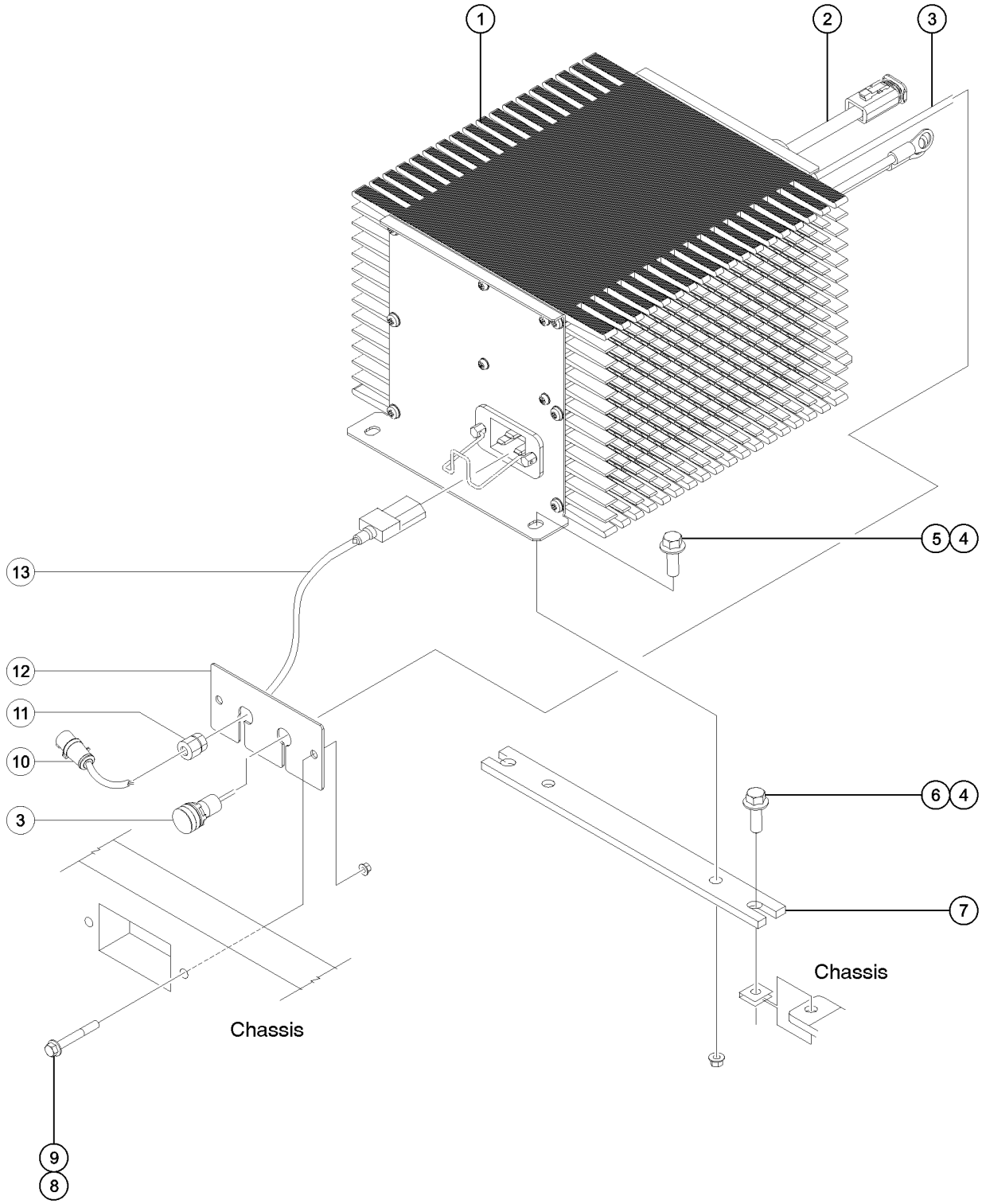
Item	Part No.	Description	Qty.
1	38113GT	COUPLER,INTERNAL SPLINE,T-HUB	2
2	52087GT	O-RING,2-044 BUNA***	2
3	139351GT	BRAKE, NEMA, 1200 IN/LB	2
3-	105352GT	GASKET, BRAKE (VENDOR#78917)	
3-	65608GT	BEARING KIT, AUSCO***	
3-	139353GT	STACK KIT, AUSCO 1200 IN/LB	
3-	139354GT	O-RING KIT, AUSCO 1200 IN/LB	
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
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	1253843GT	SNAP RING,EXTERNAL,1.00,ZAG	4
16	1256119GT	WASHER,SHIM,1.01X1.63X.062,ZAG	4
17	1304483GT	PIN,1.00DIAX29.5LG,2 RING GROVE	2
18	106445GT	WHEEL DRIVE,4HB,57:1*** (Seal Kit 1286600, Bearing Kit 1286601)	2
18-	106121GT	ROD,DISCONNECT 4HP/4HB*** for 106445	

202.1 Non-steer Axle



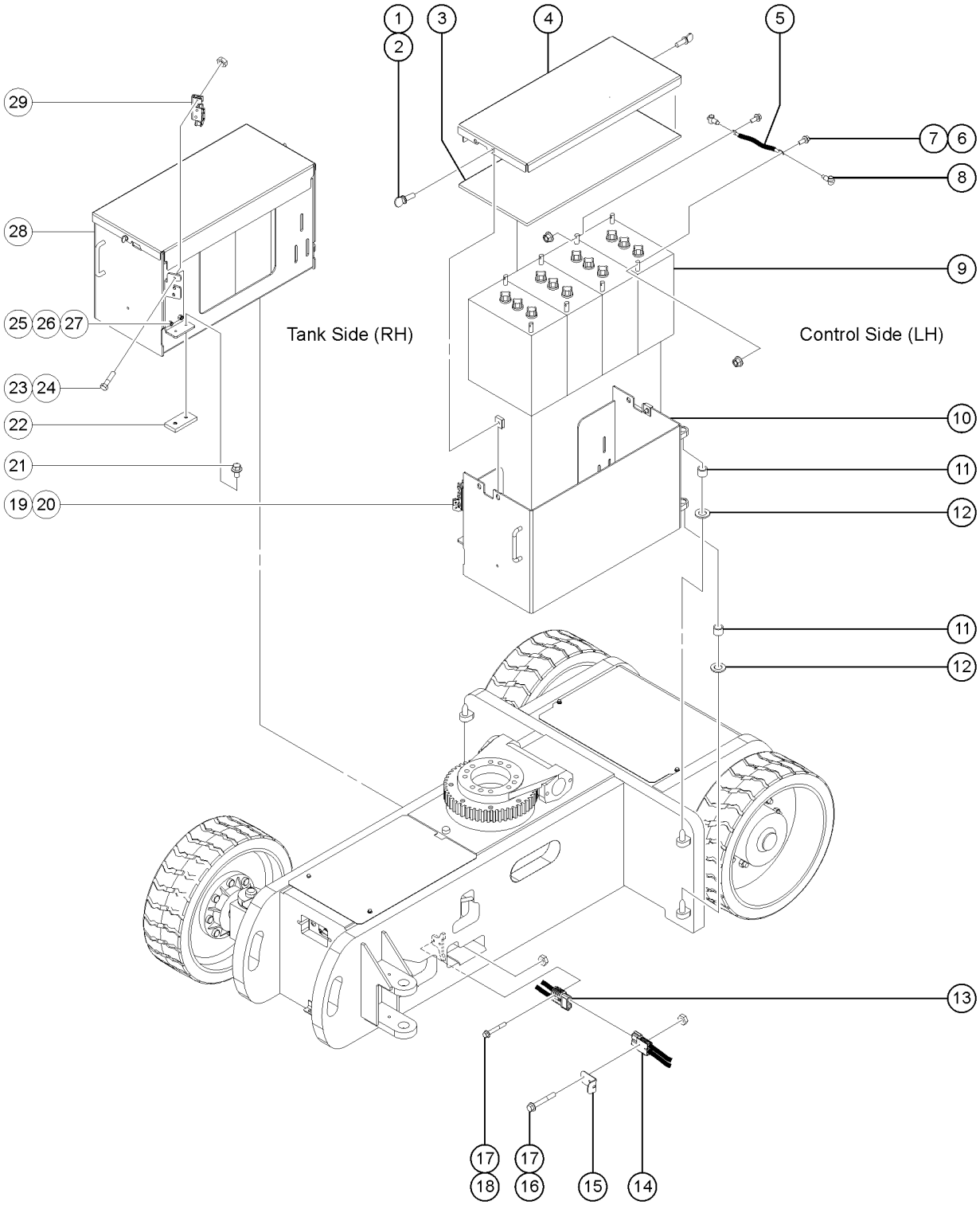
Item	Part No.	Description	Qty.
18-	106122GT	CAP,DISENGAGE,4HP/4HB*** ..... for 106445	
18-	106123GT	O-RING,END COVER,4HP/4HB*** ..... for 106445	
18-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) ..... for 106445 (inventory limited to stock on hand as component is no longer available)	
18-	1286600GT	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	18
21	36612GT	COUNTERWEIGHT,CAST,645 LBS.***	1

203.1 Battery Charger



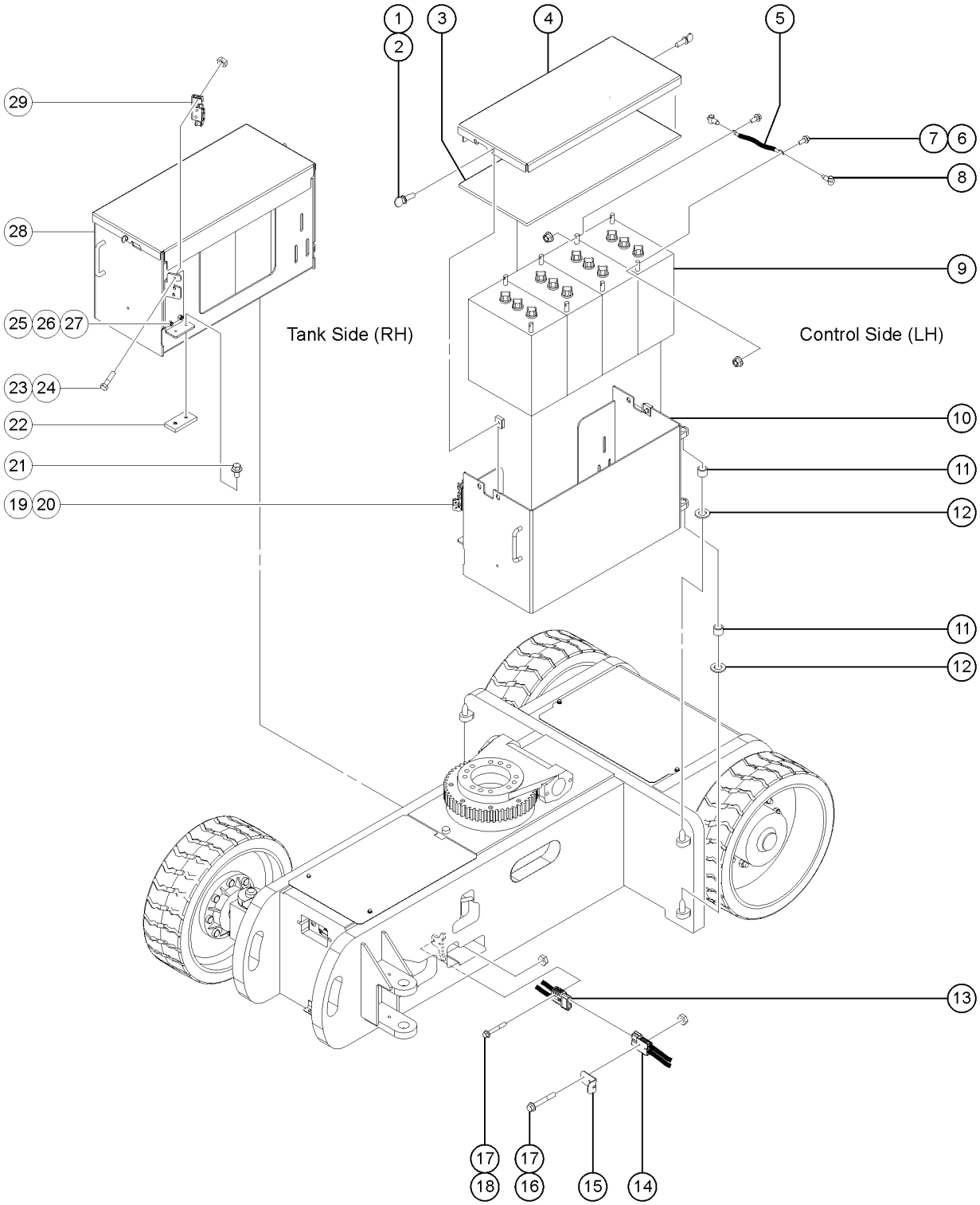
Item	Part No.	Description	Qty.
1A	128375GT	CHARGER 48V/30A AUTO AC X-LED includes item 2 and 3; power cord not included	1
1B	58494GT	CHARGER,48V,110/60,12A,EERATNG EE rated models only	
1-	133286GT	DECAL, POWER TO CHARGER, UNIV	1
1-	228947GT	CLIP,RETAINING,IES CHARGER	1
2	139858GT	HARN.CHARGER INTERLOCK Z34	1
3	228973GT	KIT,ASSY,LED,IES CHARGER	1
4	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	8
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	4
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
7	36673GT	PLATE,CHARGER MOUNT	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
10A	119403GT	CONN,PLUG 120 AC/15A DOMESTIC included with item 13	1
10B	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK round male plug	1
10C	25388GT	PLUG,FUSED,250V,13AMP,U.K.** square male plug	1
11A	128118GT	BUSHING,STRAIN RELIEF,.875/.40 domestic	1
11B	139318GT	BUSHING,STRAIN RELIEF,.875/.30 UK	1
12	128825GT	BRACKET, CHARGER CORD AND LED	1
13A	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



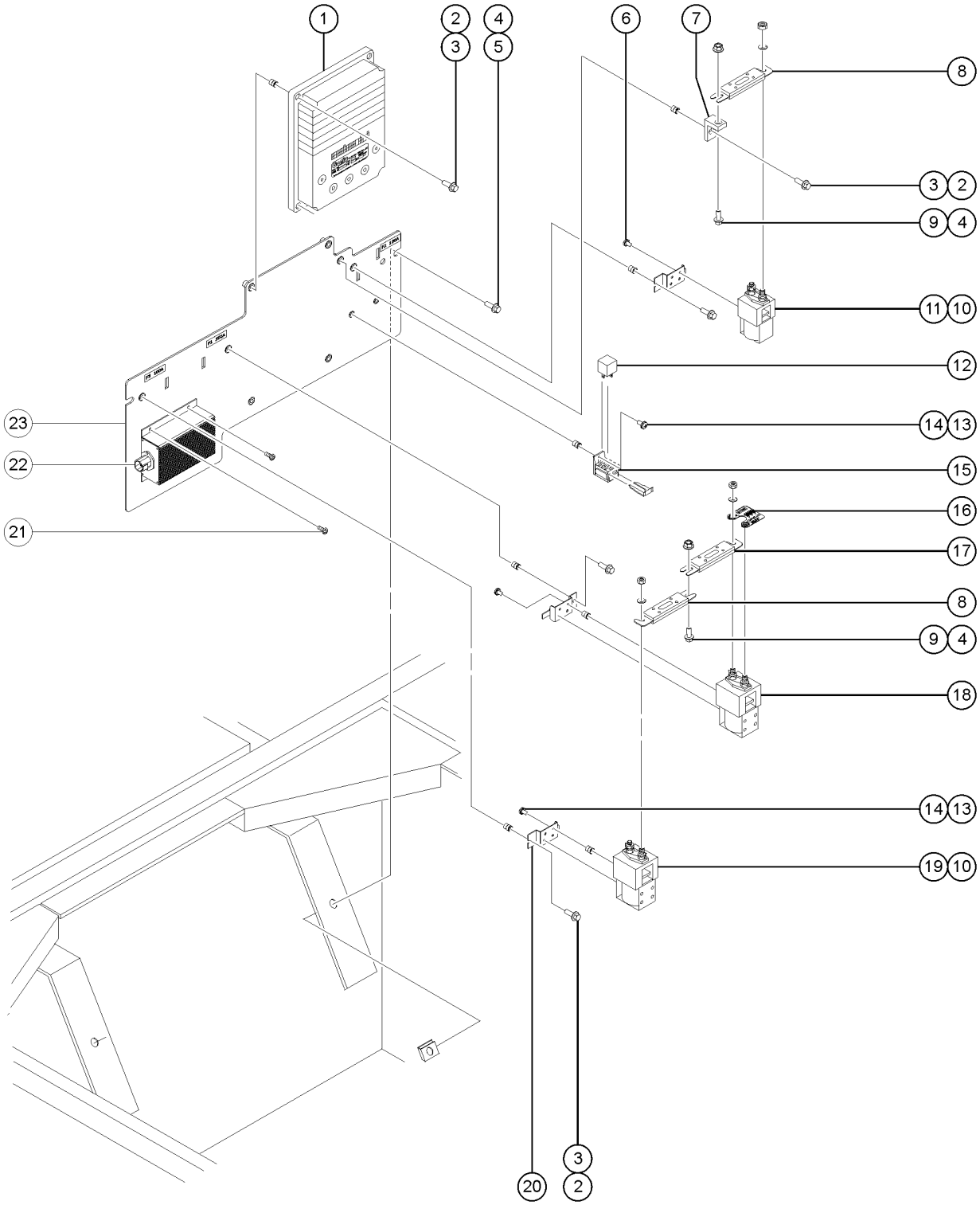
Item	Part No.	Description	Qty.
A-	824046GT	BATTERY BOX ASSY,TANK SIDE DWN includes items 11, 21-29; lid not included	1
B-	824047GT	BATTERY BOX ASSY,CONTRL SIDE** includes items 10, 11, 19-24, 26 and 27; lid not included	1
1	824228GT	SCREW,THUMB,A-REG,3/8-16X1,ZAG	4
2	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
3	106241GT	INSULATION,48V BATT.BOX LID models with AGM option	2
4A	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
9A	36579GT	BATTERY, 350AH,GROUP L16G(DRY)	8
9B	823684GT	BATTERY,AGM,6V/390A,L16 models with AGM option	8
10	161941GT	BATTERY BOX ASSY, LH control side; includes item 11	1
10-	18650GT	HANDLE,FORMED	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, ZAG	4
19A	66901GT	LATCH,ROTARY, W/KNOB,RIGHT installed on LEFT side of chassis	1
20	101425PGT	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

204.1 Battery Packs



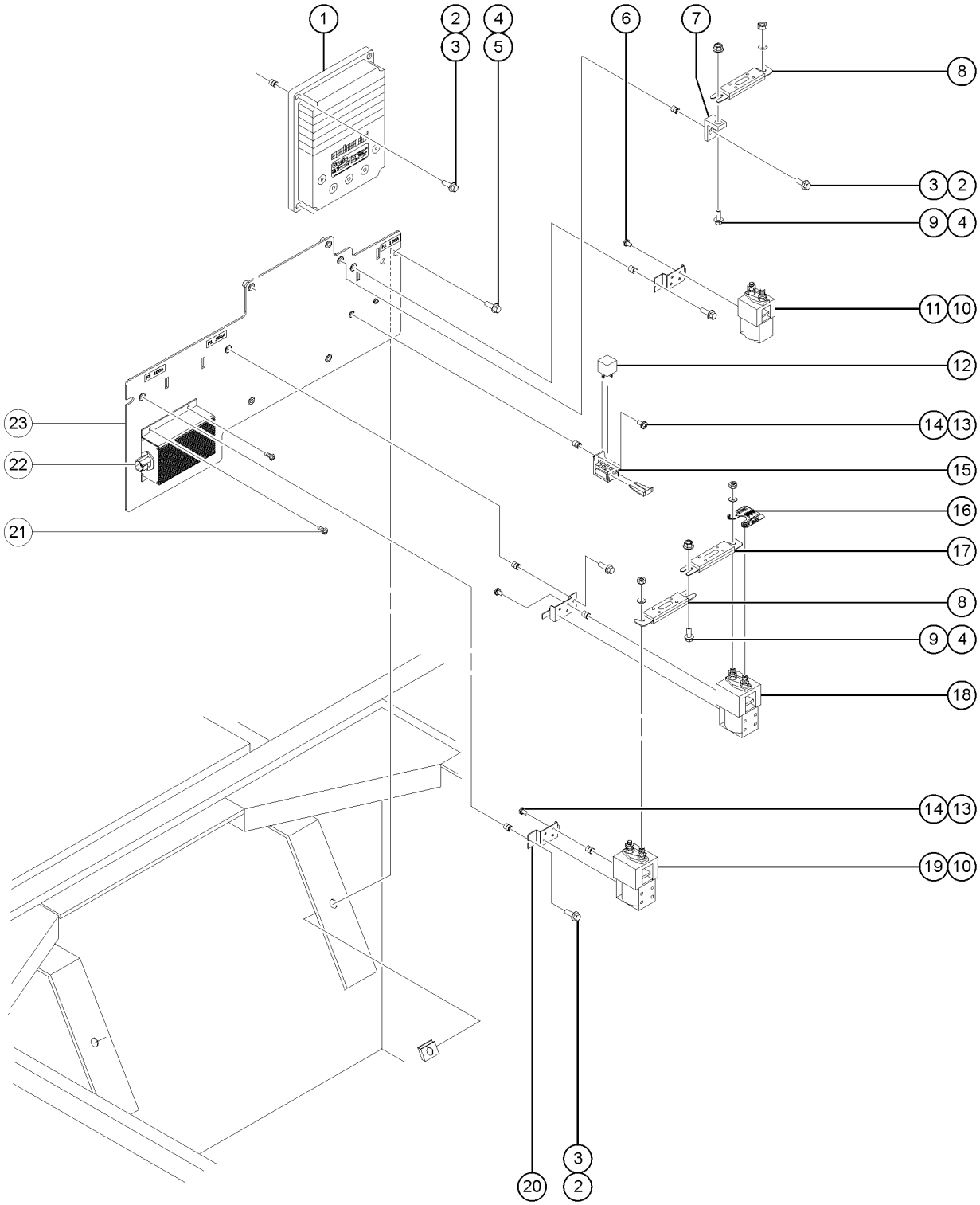
Item	*Part No.*	*Description*	*Qty.*
24	1252977GT	NUT,TL JAM,5/16-18,A,ZAG	6
25	101426PGT	FORMING,BATTERY BOX LATCH RH	1
26	824125GT	BOLT, CARRIAGE, 3/8-16 X 1, 5, ZAG	6
27	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	6
28	161940GT	BATTERY BOX ASSY, RH tank side; includes item 11	1
28-	18650GT	HANDLE,FORMED	1
29A	66900GT	LATCH,ROTARY, W/KNOB, LEFT installed on RIGHT side of chassis	1

205.1 Electronic Control Module



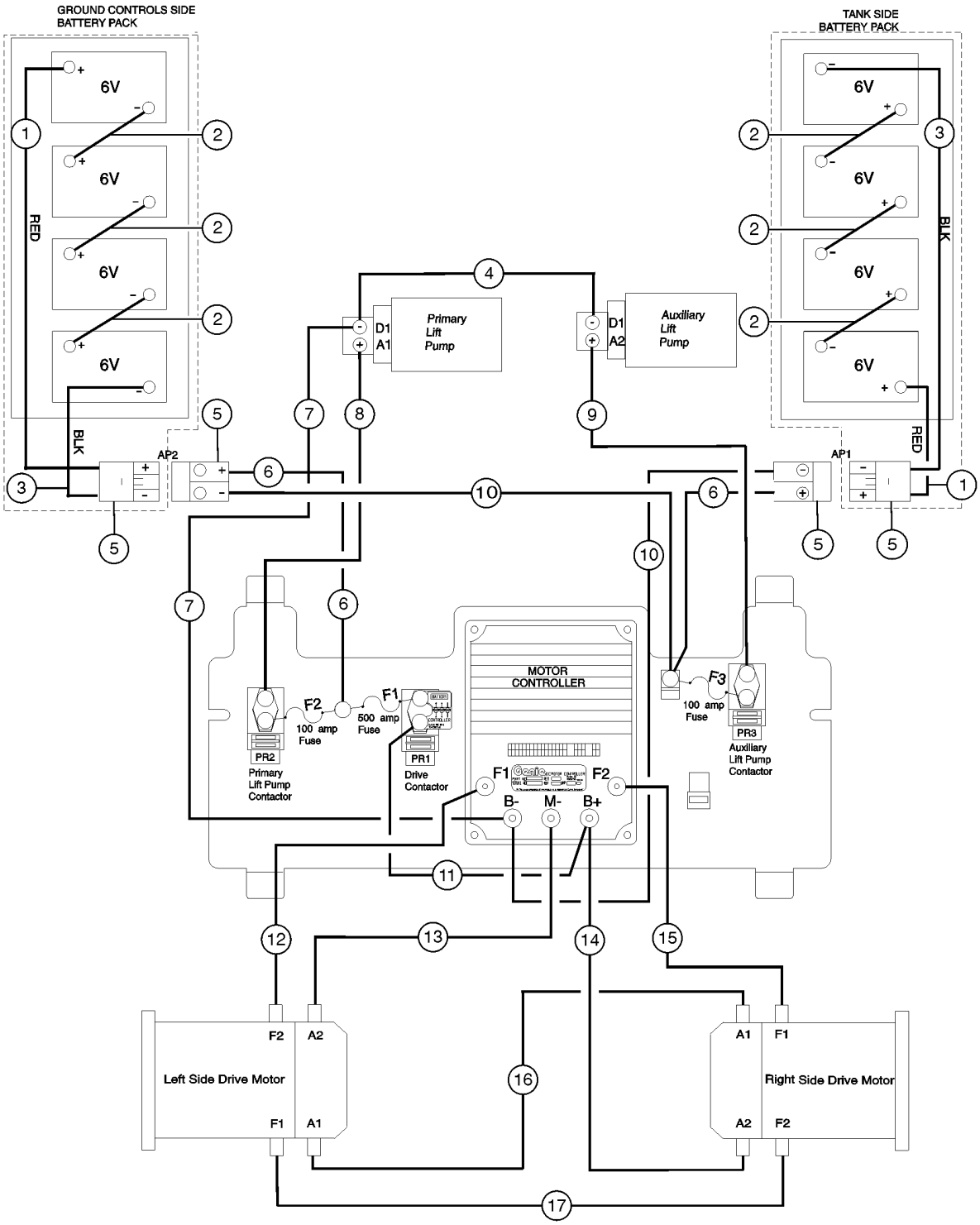
Item	Part No.	Description	Qty.
C-	56029GT	CONNECTOR,MOLEX 24-WAY**	
D-	56030GT	TERMINAL,MOLEX 16 GAUGE***	
E-	56561GT	TOOL,TERMINAL CRIMPER,MOLEX***	
F-	56562GT	TOOL,TERMINAL EXTRACTOR,MOLEX	
1	T114858GT	CONTROLLER,SEP-EX Z30N,AMD	1
2	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	7
3	23404GT	NUTSERT,1/4-20,STEEL 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
11A	74268GT	CONTACTOR,AUX PUMP 24V,80A***	1
11A-	22262GT	CONTACT,MOVING,19549RELAY*	
11A-	22263GT	CONTACT,STATIONARY,19549RELAY*	
11A-	74495GT	SPRING, RETURN (FOR 74268)	
11B	1270457GT	CONTACTOR, DRIVE, 24V, 180A UNBRANDED	
12	823226GT	POWER RELAY, 24V COIL for drive light option	1
13	824221GT	SCREW,PHPM SEMS ET,10-32X.313,	5
14	23405GT	NUTSERT,10-32 STEEL CAD PLTD	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)	
18-	74469GT	FIXED CONTACT (FOR 74267)	

205.1 Electronic Control Module



Item	*Part No.*	*Description*	*Qty.*
18-	74470GT	MOVING CONTACT (FOR PN 74267)	
19	1270457GT	CONTACTOR, DRIVE, 24V, 180A UNBRANDED	1
19-	62695GT	CONTACT,STATIONARY (56434)**	
19-	62696GT	CONTACT-MOVEABLE (56434)**	
19-	74471GT	SPRING,RETURN (74266)	
20	56095GT	BRACKET,CONTACTOR MOUNT SINGLE	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/INVERTR field install kit for units with inverter	1
23	236665GT	ASSEMBLY, CONTROLLER PLATE	1

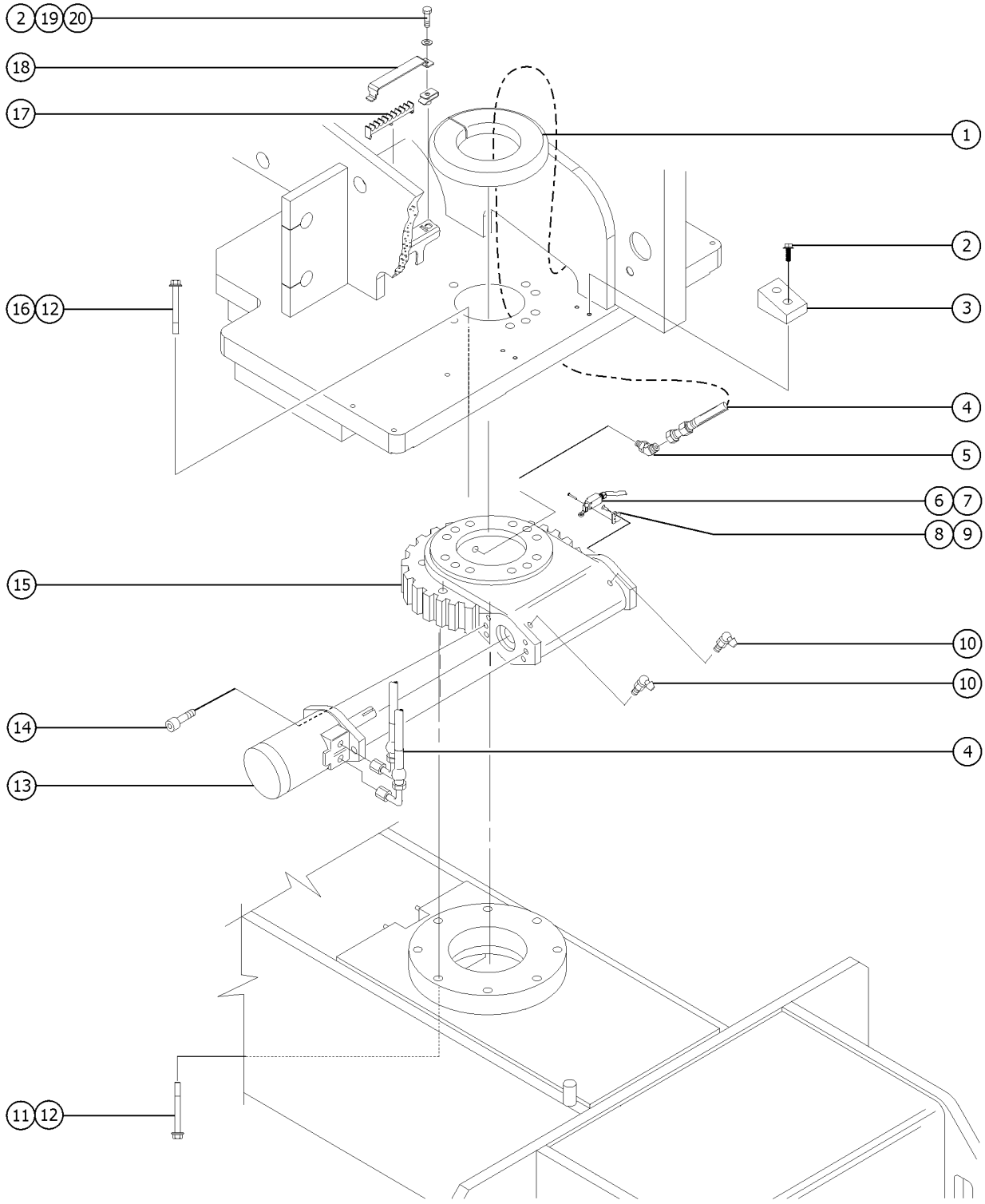
206.1 Power Cable Diagram



206.1 Power Cable Diagram

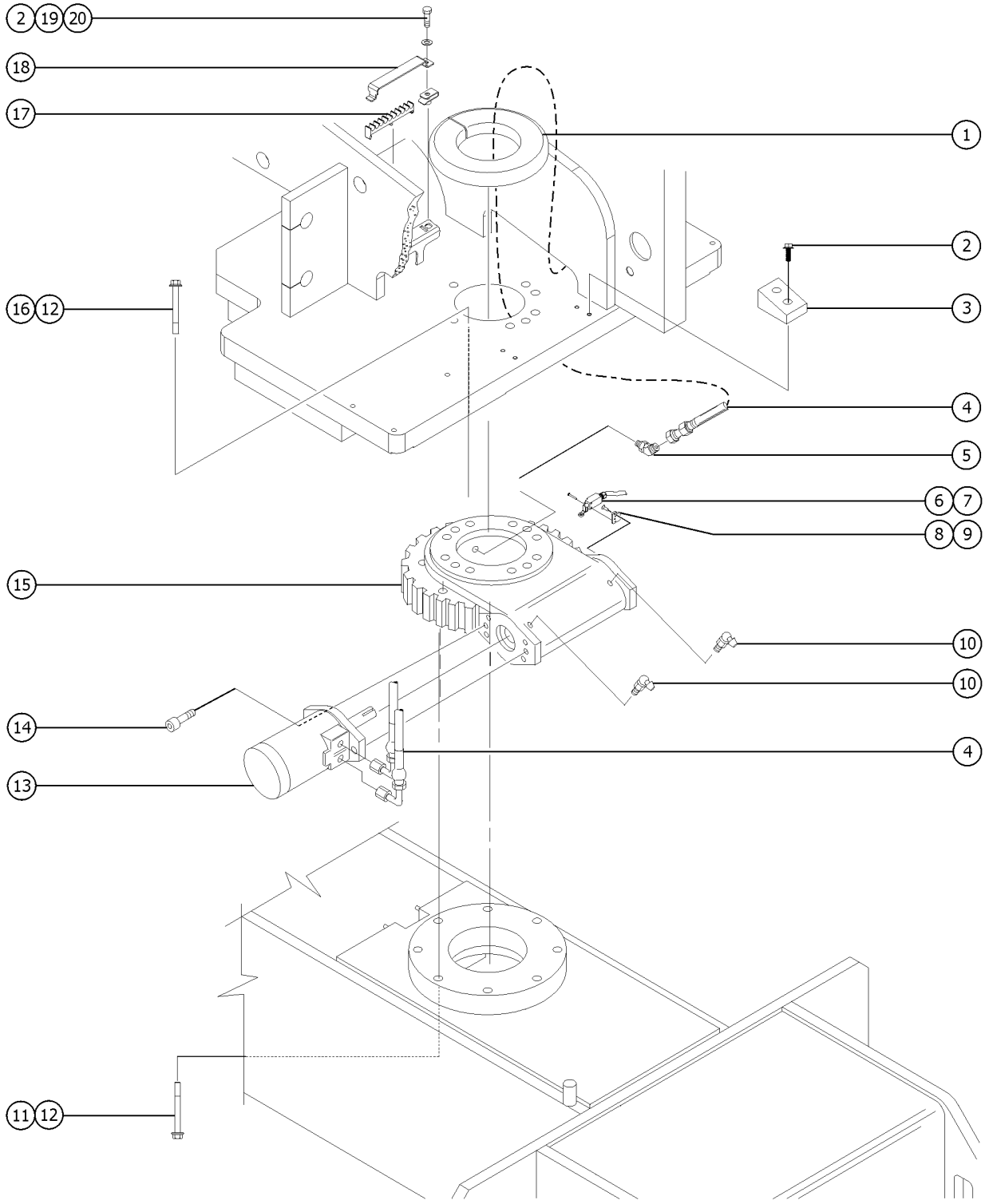
Item	Part No.	Description	Qty.
A-	139010GT	HARN ASSY, POWER DRIVE CHASS includes 1 each items 5, 6 and 10	
B-	825066GT	HARN ASSY, POWER BATT PACK includes 1 each items 1, 3, and 5	
C-	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	
1	128465GT	CABLE ASSY #2 RED BATT	2
2	19520GT	BATTERY CABLE ASSY,9.5"JUMPER	6
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



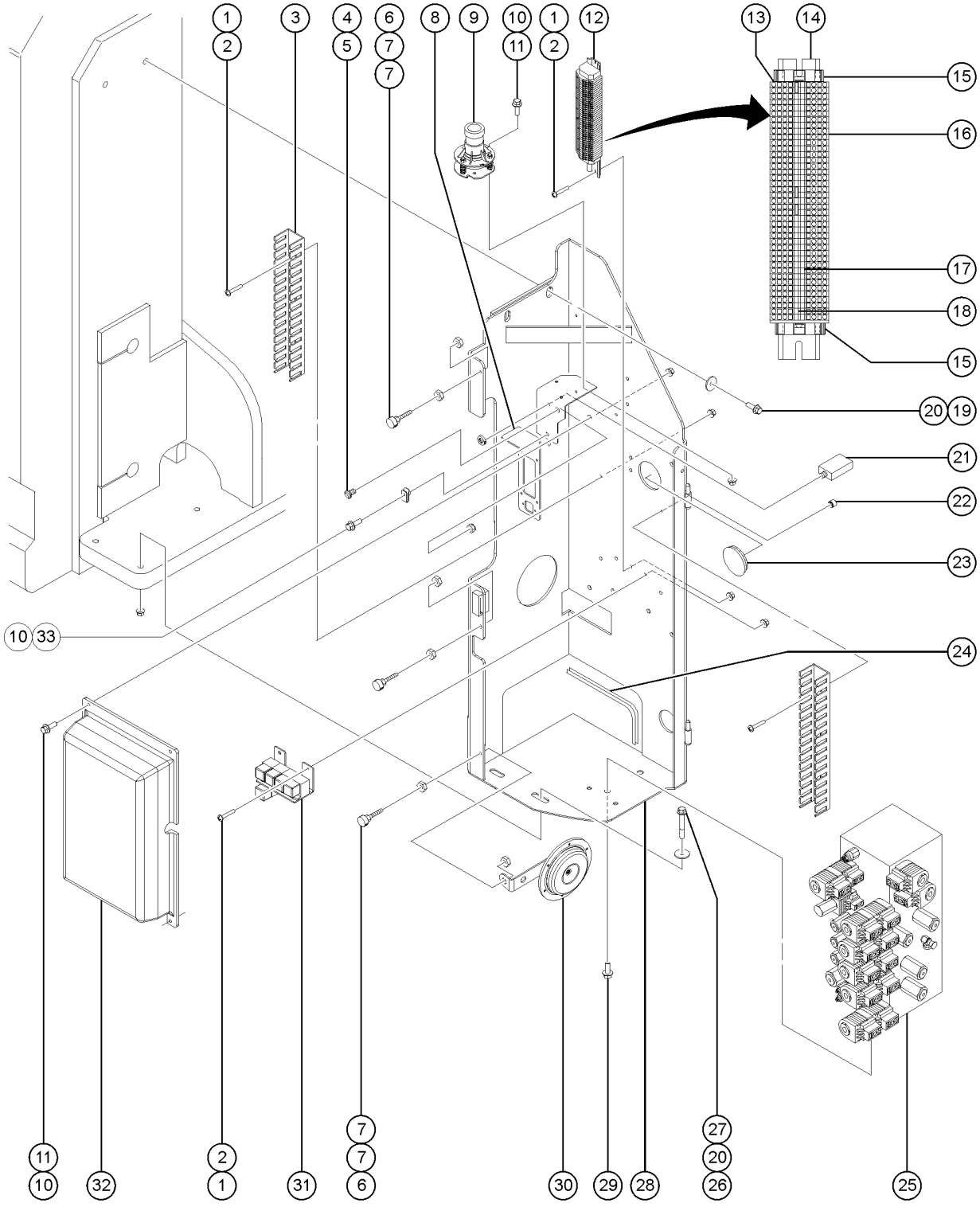
Item	Part No.	Description	Qty.
1	42363GT	RING,HOSE PROTECTOR	1
2	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
3	74256GT	REST PAD, LOWER REST Z30N	2
4		Ref. Hydraulic Hoses and Fittings (refer to 802.1)	
5	31194GT	ELBOW,070302-4-2	
6	824223GT	SCREW,PHPM SEMS ET,10-32X1.25,	2
7	110637GT	HARNESS LS3 OP DRIVE ENABLE	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.	1
10A	128619GT	ZERK,GREASE,1/8 NPT,67.5 DEG**	
10B	128620GT	ZERK,GREASE,1/8 NPT,45 DEG***	
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
13-	84312GT	SEAL KIT,ROTATE MOTOR	1
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	
15-	128899GT	SHAFT,WORM GEAR*** for 119111	

301.1 Turntable Rotator



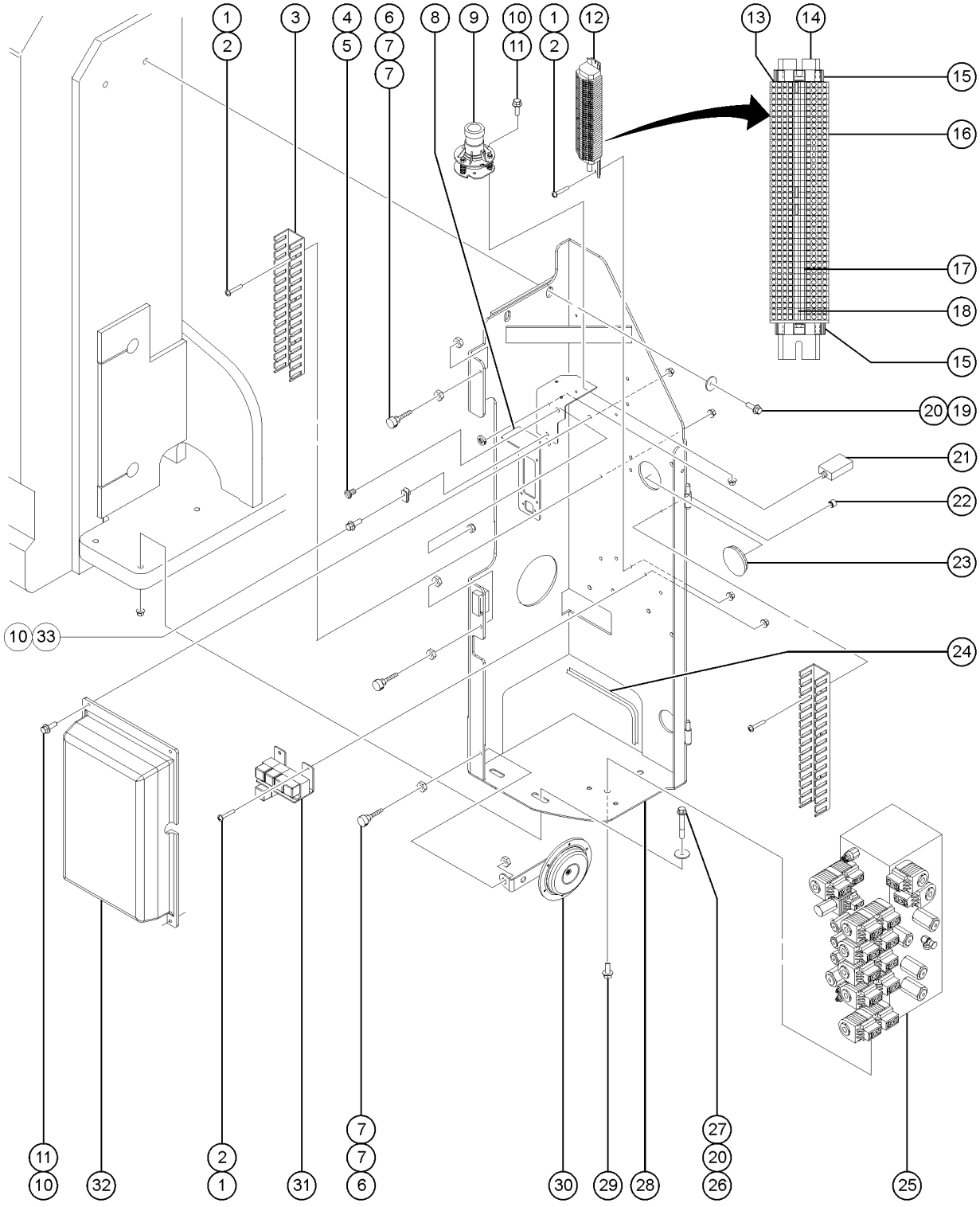
Item	*Part No.*	*Description*	*Qty.*
15-	1284189GT	CASE COVER,ROTATOR,Z30/34 (119111) for 119111	
16A	139866GT	SCREW,HHC,5/8-11X4.50GR8 PLAIN (to SN Z30N16F-17573)	12
16B	1263142GT	SCREW,HHC,5/8-11X4.5,8,ZAG (from SN Z30N16F-17574)	12
17	106959GT	GUIDE,HOSE	1
18	106960PGT	FORMING,HOSE LOCK,PAINTED	1
19	5397GT	WASHER, FLAT, USS, 5/16-18	1
20	824213GT	SPRING CLIP, 3/8-16, ZAG	1

302.1 Ground Controls Side



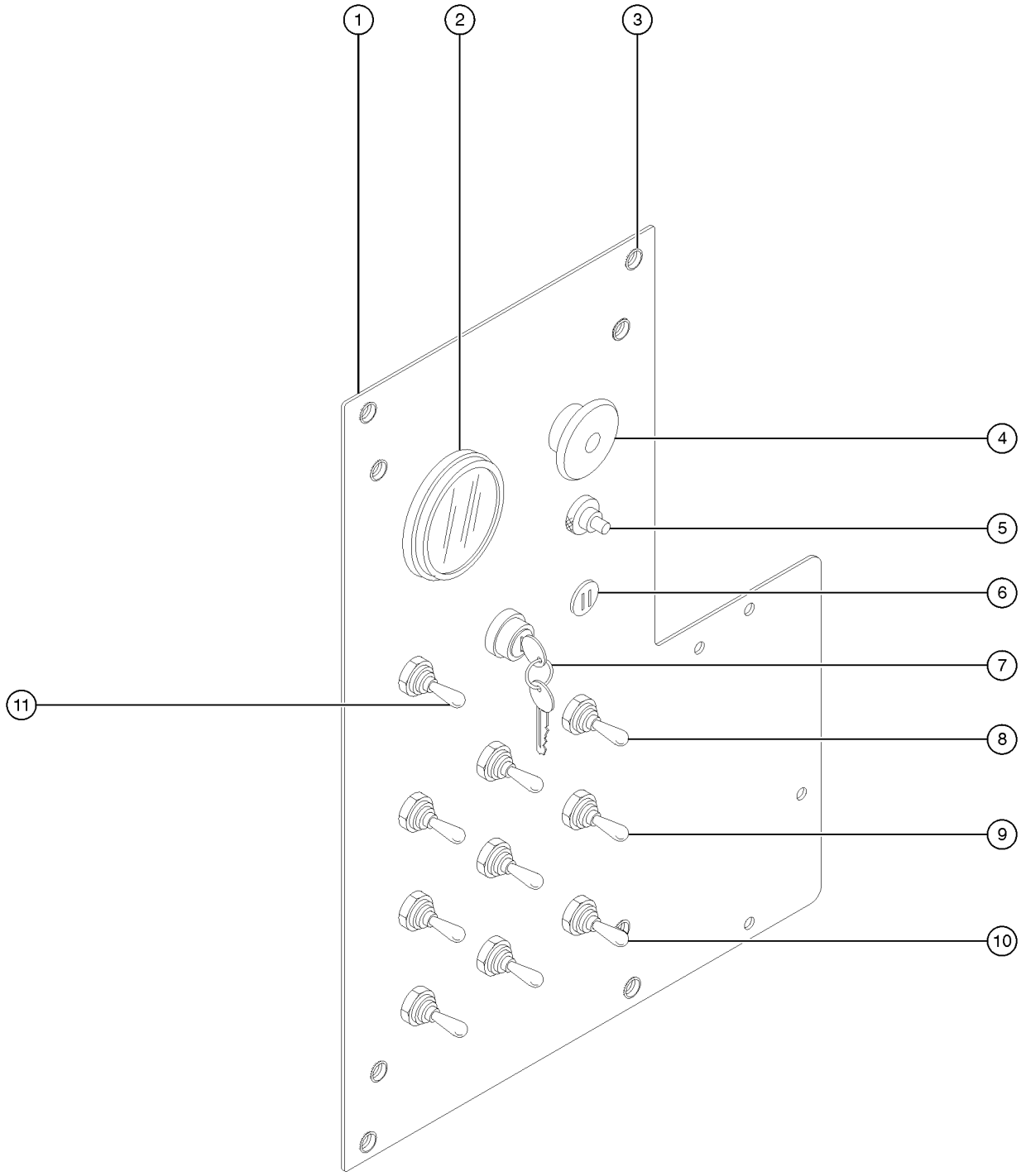
Item	Part No.	Description	Qty.
A-	74920GT	MARKING TAGS,# 1-10,WIELAND	
B-	74921GT	MARKING TAGS,# 11-20,WIELAND	
C-	74922GT	MARKING TAGS,# 21-30,WIELAND	
D-	74923GT	MARKING TAGS,# 31-40,WIELAND	
E-	74924GT	MARKING TAGS,# 41-50,WIELAND**	
F-	74925GT	MARKING TAGS,# 51-60,WIELAND	
1	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	8
2	824032GT	NUT, TL FLG, 10-32, F, ZAG	8
3A	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
9A	94077GT	SENSOR,LEVEL,4.5 DEG ANSI models; white ring	1
9B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 CE models; yellow ring	1
9C	42439GT	SENSOR,LEVEL 3 DEG** AUS models; black ring	1
10	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	9
11	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	8
12A	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"	
15	74913GT	END STOP, DIN RAIL,SCREW CLAMP	2
16A	217046GT	KIT, TERMINAL BLOCK use if replacing a jumpered terminal block	
16B	216791GT	TERMINAL BLOCK,WIELAND to SN 16283	26
16C	216791GT	TERMINAL BLOCK,WIELAND from SN 16284	28

302.1 Ground Controls Side



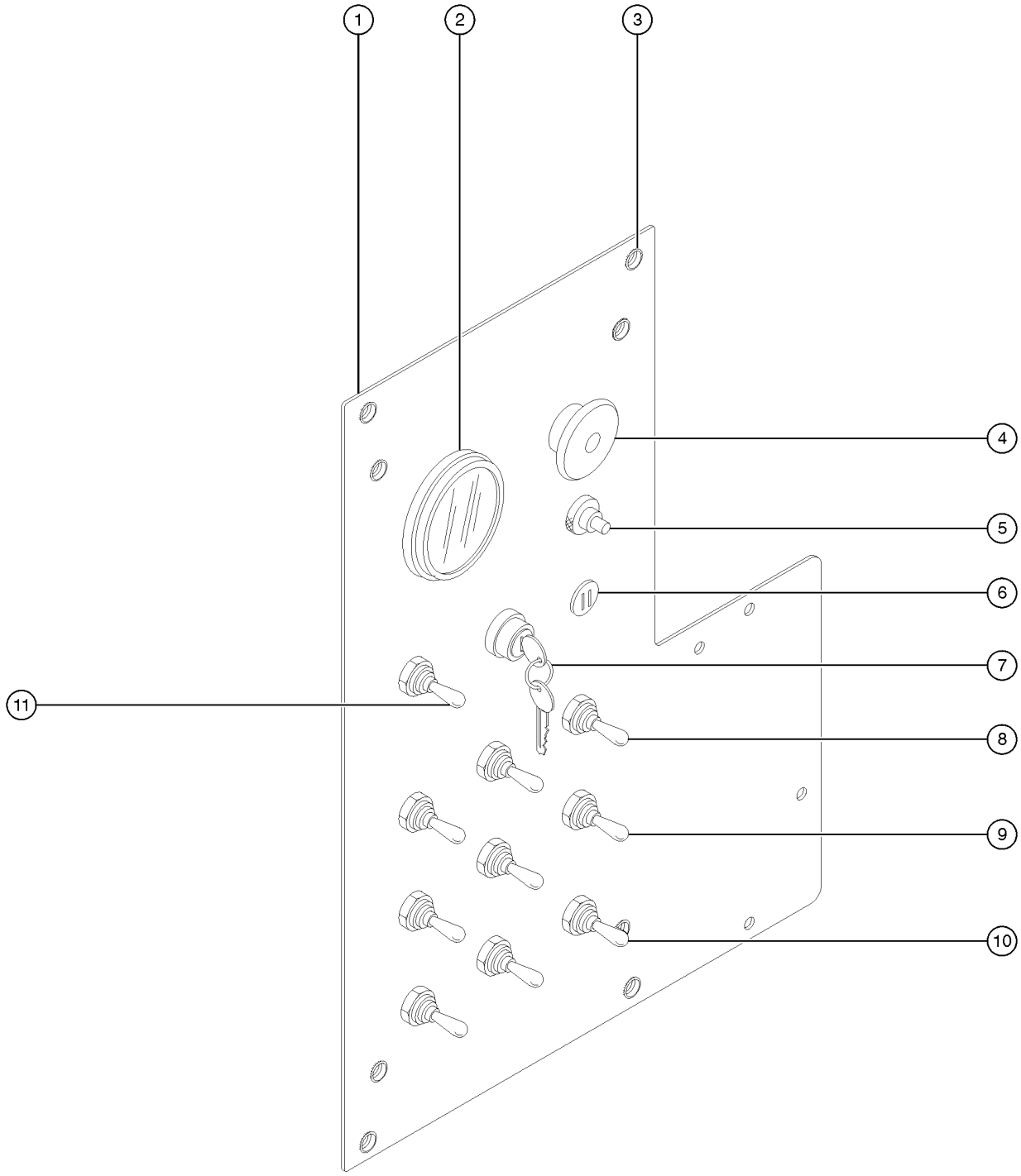
Item	Part No.	Description	Qty.
17	74918GT	JUMPER COMB, 3-WAY,WIELAND from SN 16284	1
18	74917GT	JUMPER COMB, 2-WAY,WIELAND	3
19	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2
20	824120GT	WASHER, FLAT, .375 X 1.50 X .125, ZAG	4
21	147093GT	ASSY, CIRCUIT BREAKER 10A includes mounting fastener	1
22	23404GT	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
29	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	2
30	81579GT	HORN, 24VDC, SPADE TERMINALS***	1
31A	56791GT	ANGLE RELAY MOUNTING	
31B	56302GT	RELAY,24VDC,40/30A,SEALED*** to SN 16283	7
31C	56302GT	RELAY,24VDC,40/30A,SEALED*** from SN 16284	8
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

303.1 Ground Control Panel



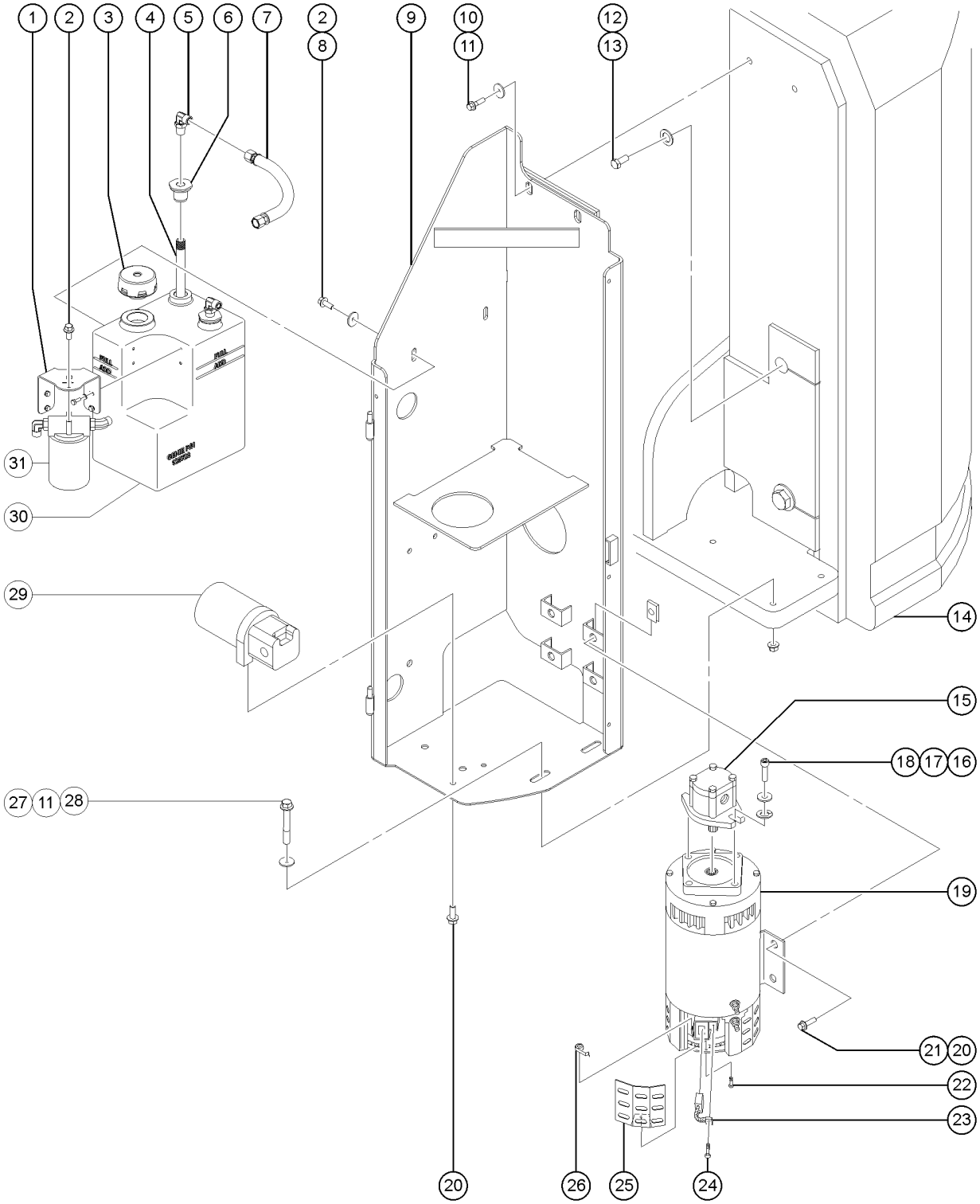
Item	Part No.	Description	Qty.
A-	56445GT	DIODE,6 AMP 200 PIV,REEL	
B-	37947GT	KEYS,10 PACK***	
1	101965GT	GROUND CONTROL PANEL ASSY includes item 3	
2	19506GT	HOUR METER, 10-80 VOLTS***	1
3	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
4	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
4-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
4-	66818GT	CONTACT,NC	2
4-	66821GT	BASE,WITHOUT CONTACTS	1
5	147093GT	ASSY, CIRCUIT BREAKER 10A includes jam nut	1
6A	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
10-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

303.1 Ground Control Panel



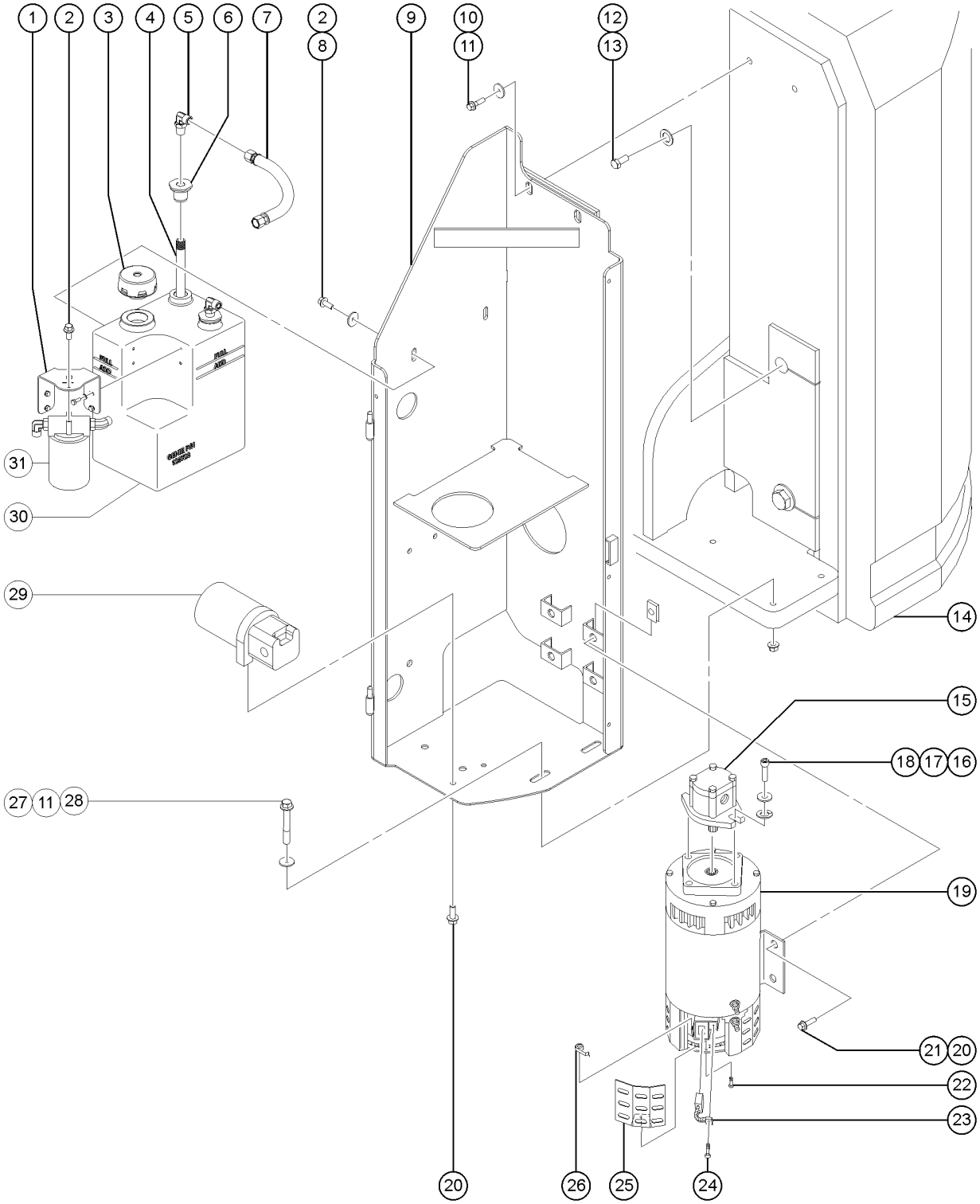
Item	*Part No.*	*Description*	*Qty.*
10-	54692GT	SPACER,NYLON,.718 X .526 X.219	
11	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN includes mounting fasteners	1
11-	13471GT	COVER, AUXILIARY POWER SWITCH	
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
11-	54692GT	SPACER,NYLON,.718 X .526 X.219	

304.1 Power Unit Side



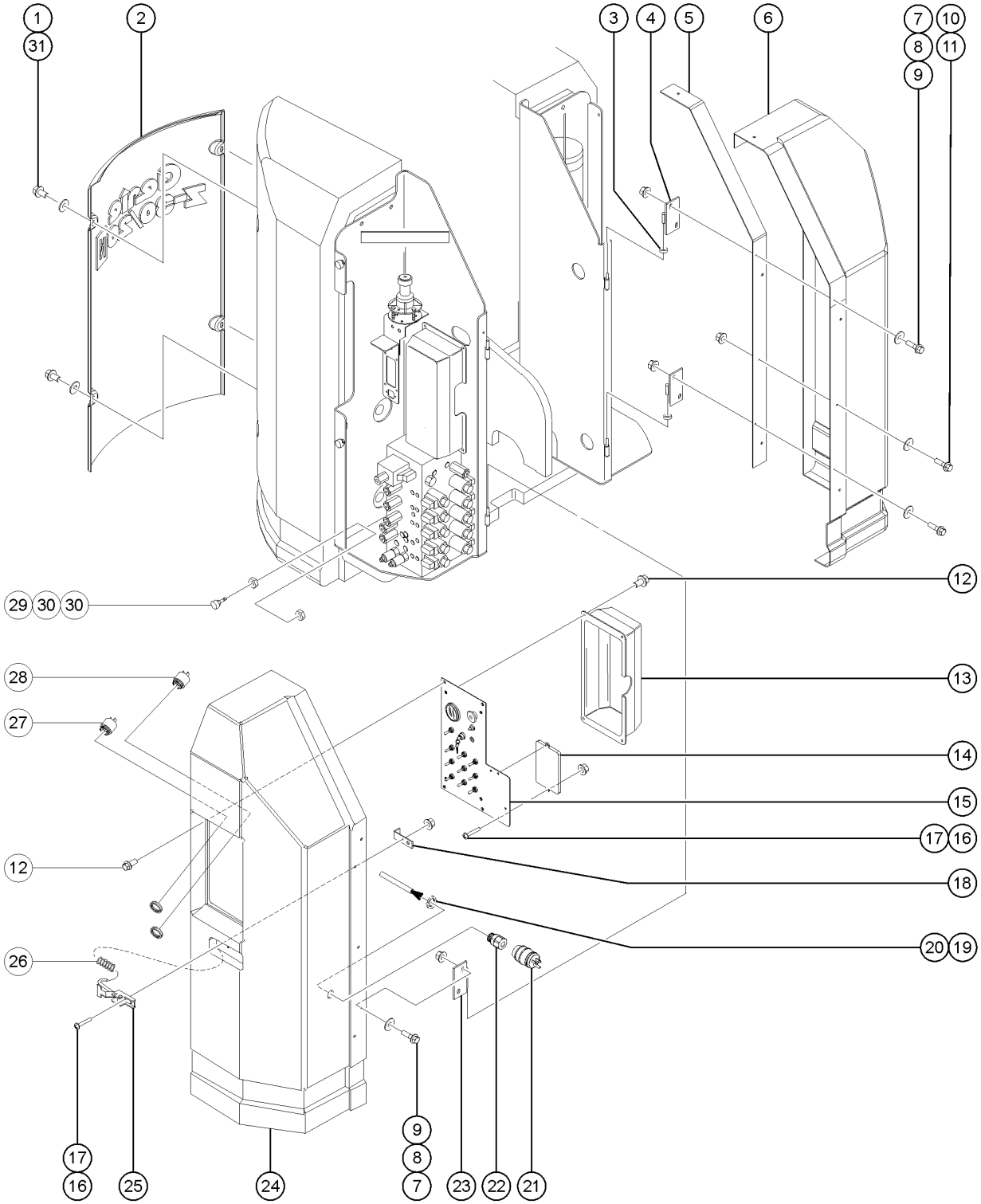
Item	Part No.	Description	Qty.
1	128808GT	BRACKET, RETURN FILTER	1
2	824077GT	SCREW, HHF, 1/4-20 X .5, 8, ZAG	
3	42019GT	TANK BREATHER,NYLON **	1
4	128818GT	TUBE, HYDRAULIC TANK	2
5	128811GT	ELBOW,90D,520201-8	2
6	39223GT	BULKHEAD FITTING,PLASTIC X 8**	2
7	81812-1188GT	ASSY, HOSE, HYD, -8, 2500, STR, STR	1
8	824119GT	WASHER, FLAT, .25 X 1.25 X .062, ZAG	2
9	94428GT	WELDMENT,COVER SUPPORT RH***	
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	77981GT	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	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	
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 THREAD8-32X.38	

304.1 Power Unit Side



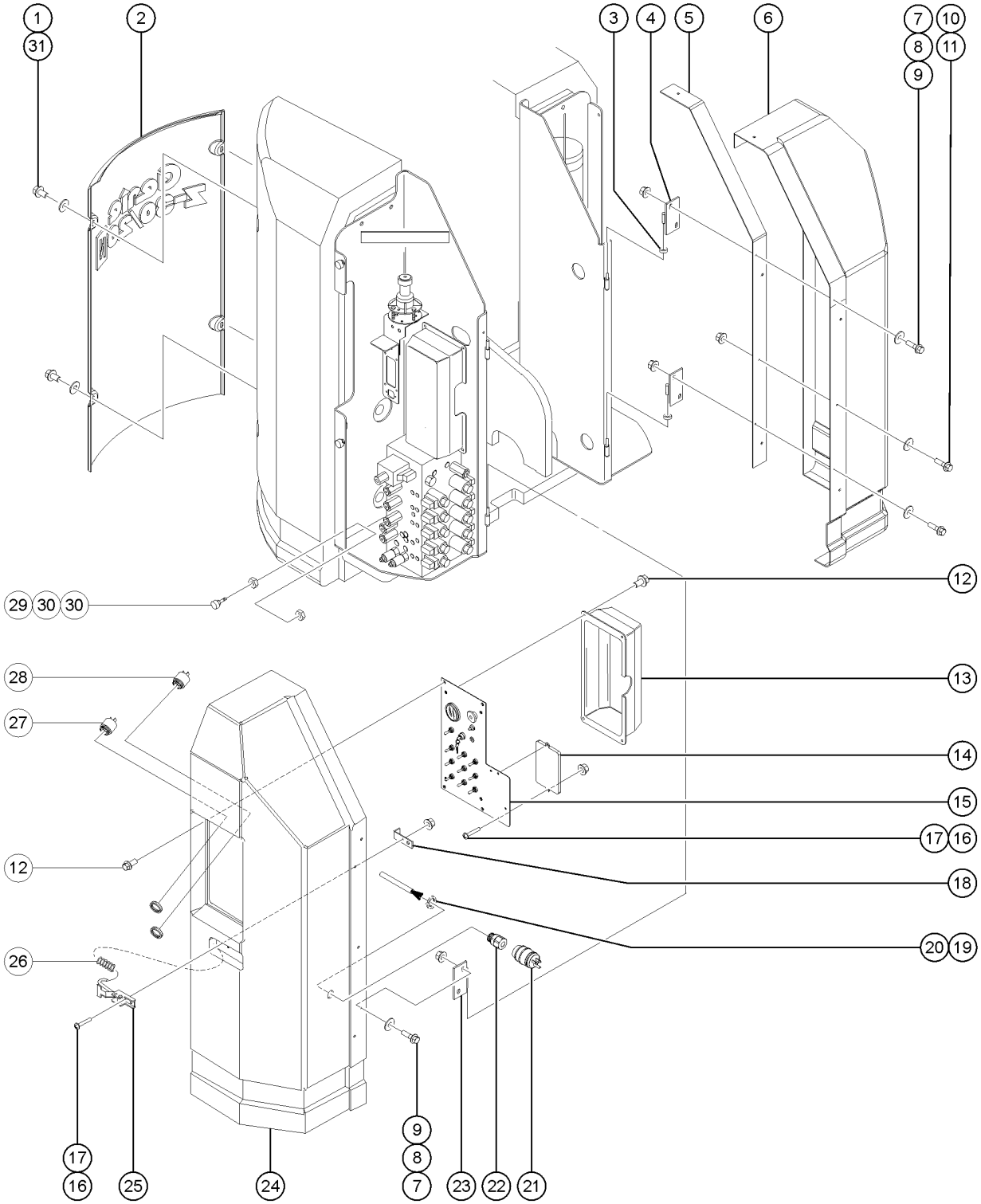
Item	Part No.	Description	Qty.
23	58932GT	BRUSH SET 4 EA	1
24	52913GT	SCREW,HH TAPETITE THRD8-32X.50	
25	58936GT	BRUSH COVER -PLATE-(48504)*	
26	58933GT	BRUSH SPRING SET	
27	824095GT	SCREW, HHF, 3/8-16 X 3, 8, ZAG	2
28	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
29	36179GT	POWER UNIT,AUX PUMP 24VDC	1
29-	37184GT	MOTOR, 24V (36179)	
29-	37185GT	PUMP ASSEMBLY (36179) Part 37185GT is no longer backwards compatible with 37184GT. Order complete Aux Pump 36179GT	
29-	37186GT	VALVE,CHECK (36179)	
29-	37187GT	SEAL KIT, 37185 PUMP	
29-	37191GT	GASKET, PUMP / MOTOR (36179)	
29-	37192GT	COUPLER, PUMP / MOTOR (36179)	
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



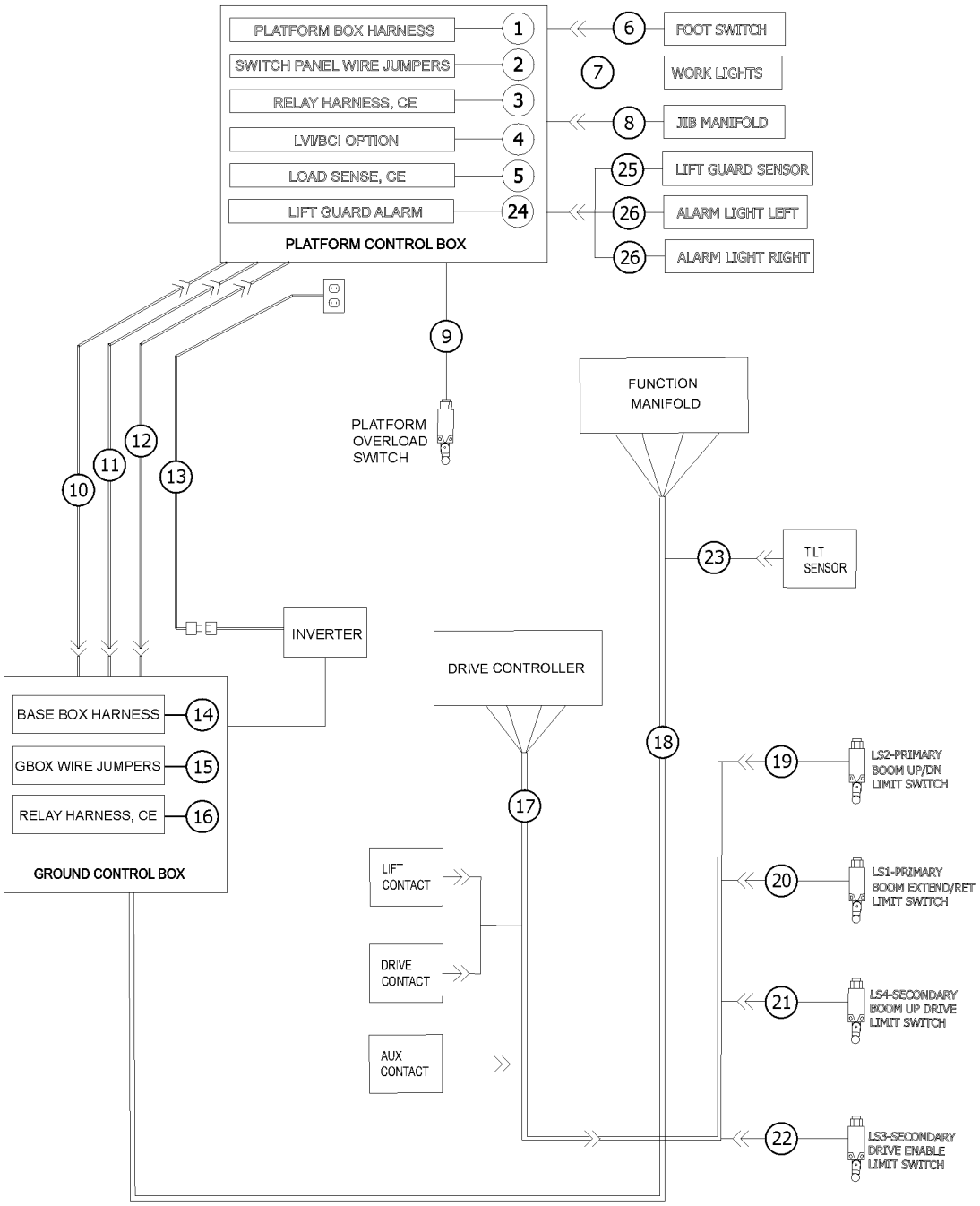
Item	Part No.	Description	Qty.
1	824089GT	SCREW, HHF, 3/8-16 X .75, 8, ZAG	4
2	58108GT	COVER W/DECALS,COUNTERWEIGHT**	1
3	36457GT	WASHER,THRUST,.313 X .50 X .10	
4	36414GT	HINGE,WELD.,COVER,PUMP GRY/BLU	2
5	36391GT	BRACE,RIGHT HINGE	1
6A	101969GT	COVER ASSY W/DECAL,PUMP SIDE	
6B	101970GT	COVER ASSY W/SYM DCAL,PUMP SID	
7	1262432GT	SCREW,HHC,1/4-20X.875,8,ZAG	8
8	824119GT	WASHER, FLAT, .25 X 1.25 X .062, ZAG	10
9	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	8
10	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
11	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	2
12	824077GT	SCREW, HHF, 1/4-20 X .5, 8, ZAG	8
13	36257GT	COVER,CONTROL PANEL	1
14	128045GT	MODULE,LOAD SENSE 2007	1
15		Ref. Ground Control Panel (refer to 303.1)	
16	824215GT	SCREW, PHPM, 10-32 X .75, ZAG	6
17	824032GT	NUT, TL FLG, 10-32, F, ZAG	6
18	36570GT	BRACKET,COVER LATCH	2
19	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
20	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	
21	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
21-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
21-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
21-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
21-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
22	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
23	36415GT	HINGE,WELD,COVER,CTRLS GRY/BLU	2

305.1 Turntable Covers



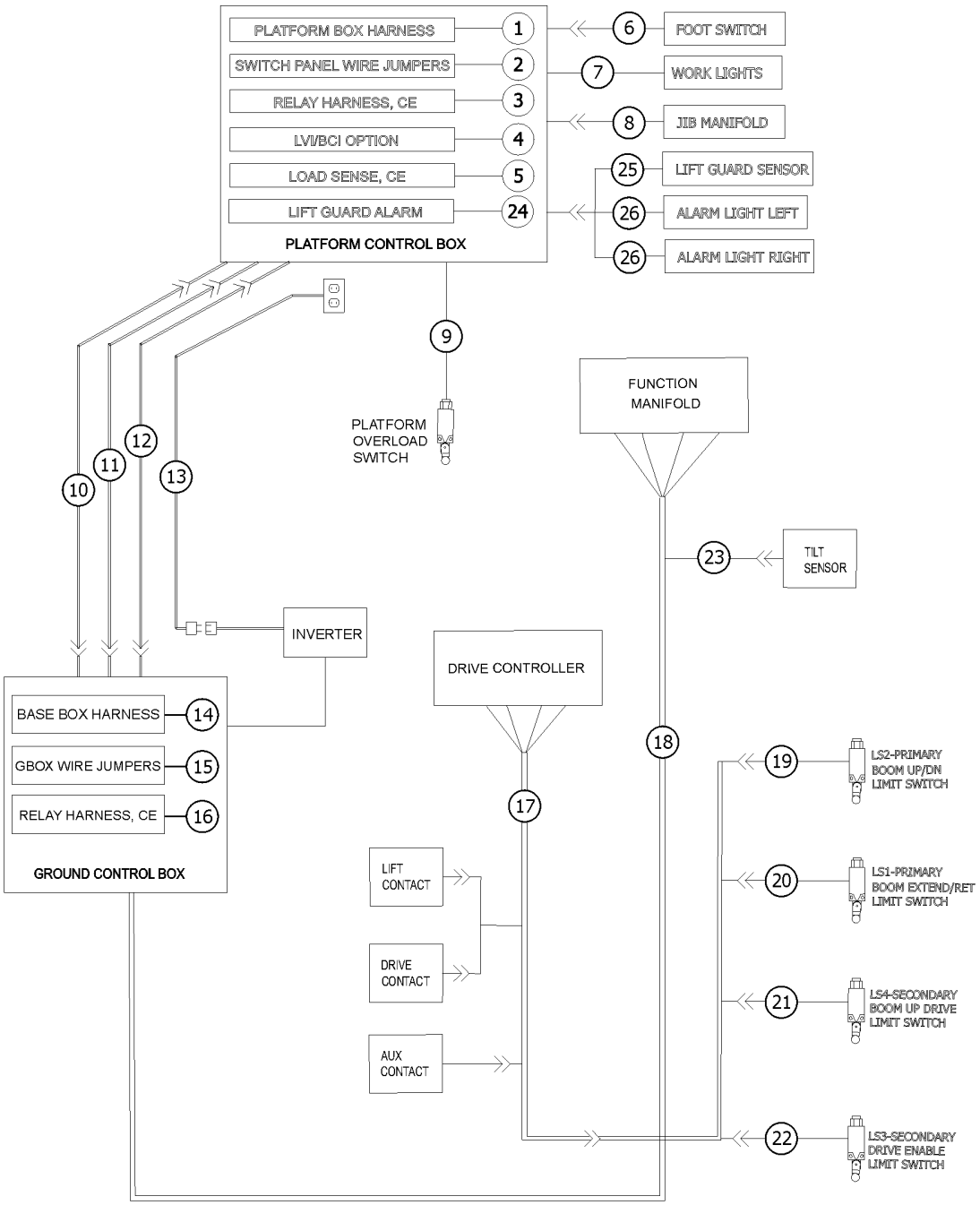
Item	Part No.	Description	Qty.
24	101967GT	COVER ASSY W/DECAL,GRND CTRL ANSI/CSA/AUS	
24-	36392GT	BRACE,LEFT HINGE	
24B	101968GT	COVER ASSY W/SYM DCAL,GC SIDE CE/Asia/S. America	
24B-	36392GT	BRACE,LEFT HINGE	
25	36575GT	LATCH,ADJUSTABLE DRAW	2
26	36574GT	SPRING,EXTENSION,.36 X 1.25	2
27	18963GT	ALARM, INTERMITTENT TONE 6-30V* travel alarm does not include nut	1
27-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
28	45462GT	ALARM,CHIME TONE 5-25VDC*** descent alarm does not include nut	1
28-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
29	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	3
30	824037GT	NUT, HH JAM, 1/4-20, A, ZAG	6
31	1255758GT	WASHER,FLAT,3/8,USS,ZAG	4

306.1 Wire Harness Diagram



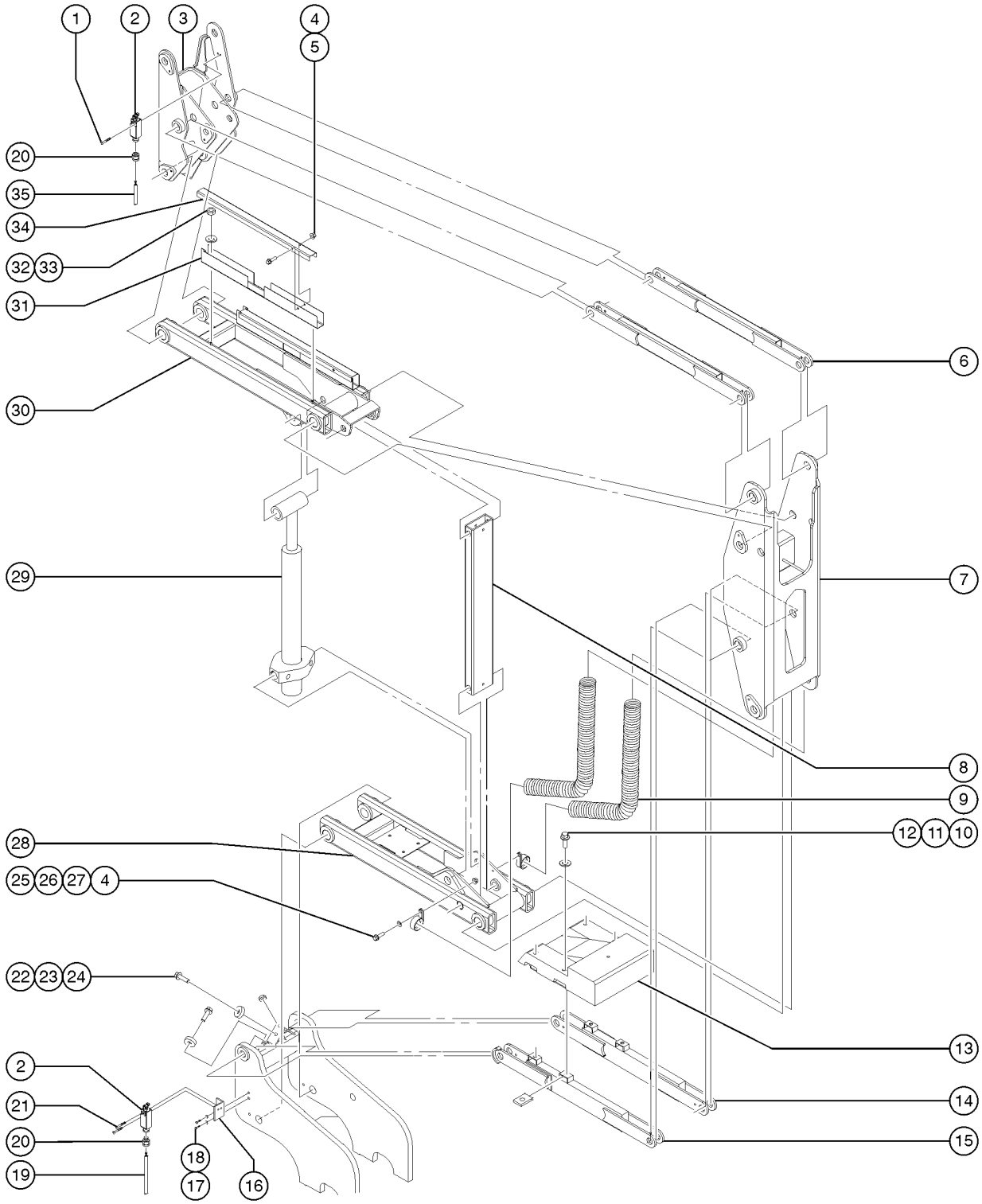
Item	Part No.	Description	Qty.
A	58253GT	KIT,REPAIR,DEUTSCH PLUG,W/TUBE (small kit)	
B	83129GT	CONNECTOR KIT,DEUTSCH*** (large kit)	
C	61794GT	CRIMPER,DEUTSCH,LIGHT DUTY*** (tool)	
D	1264822GT	KIT, TRC RETROFIT, STNDRD Telematics (includes 1264834)	
D-	1264834GT	INSTRN, TRC RETROFIT, STNDRD	
E-	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	
1A	237503GT	HARNESS,PLAT BOX,Z30/34DC ANSI	1
1B	1260928GT	HARNESS,BASE BOX, RELAY, CE 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	147389GT	HARNESS, LOAD SENSE, Z30/34DC CE	1
6	110255GT	ASSEMBLY FOOT SWITCH	1
7	823942GT	OPTION,WORK LIGHTS,48V	1
8A	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
14A	1259575GT	HARNESS, BASE CONTROL BOX ANSI	1
14B	1260639GT	HARNESS, GBOX, CE CE	1
15	110242GT	HARNESS, GBOX WIRE JUMPER	1
16	1260643GT	HARNESS,BASE BOX, RELAY, CE CE	1
17	822704GT	HARNESS, DRIVE CHASSIS, DC	1
18	110249GT	HARNESS,FUNC. MAN.,Z30/34DC To SN Z30N-22335,SN Z30NRJ-22375,SN Z34N-17108,SN Z34DC-14119	1
18B	1295168GT	HARNESS,FUNC. MAN.,Z30/34DC W/ DT CONN From SN Z30N-22336,SN Z30NRJ-22376,SN Z34N-17109,SN Z34DC-14120	1

306.1 Wire Harness Diagram



Item	*Part No.*	*Description*	*Qty.*
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
23A	1261845GT	HARNESS,TILT 24V,CSA PROD CSA models (from Z3015-16759)	1
23B	1285812GT	KIT,TILT ALARM,DC AND BI-ENERGY MODELS from SN 17020	
23B-	1285689GT	INSTRUCTIONS,INSTALL (LEVEL SENSOR ALARM) for kit 1285812	
24	1278450GT	HARNESS, CONTACT ALARM, Z30/34DC	1
25	1278119GT	ASSEMBLY, SENSOR, PROX, CONTACT ALARM	1
26	1278111GT	ASSEMBLY, LIGHT, CONTACT ALARM	1
26B	1285850GT	ASSEMBLY,AMBER LIGHTS,CONTACT	

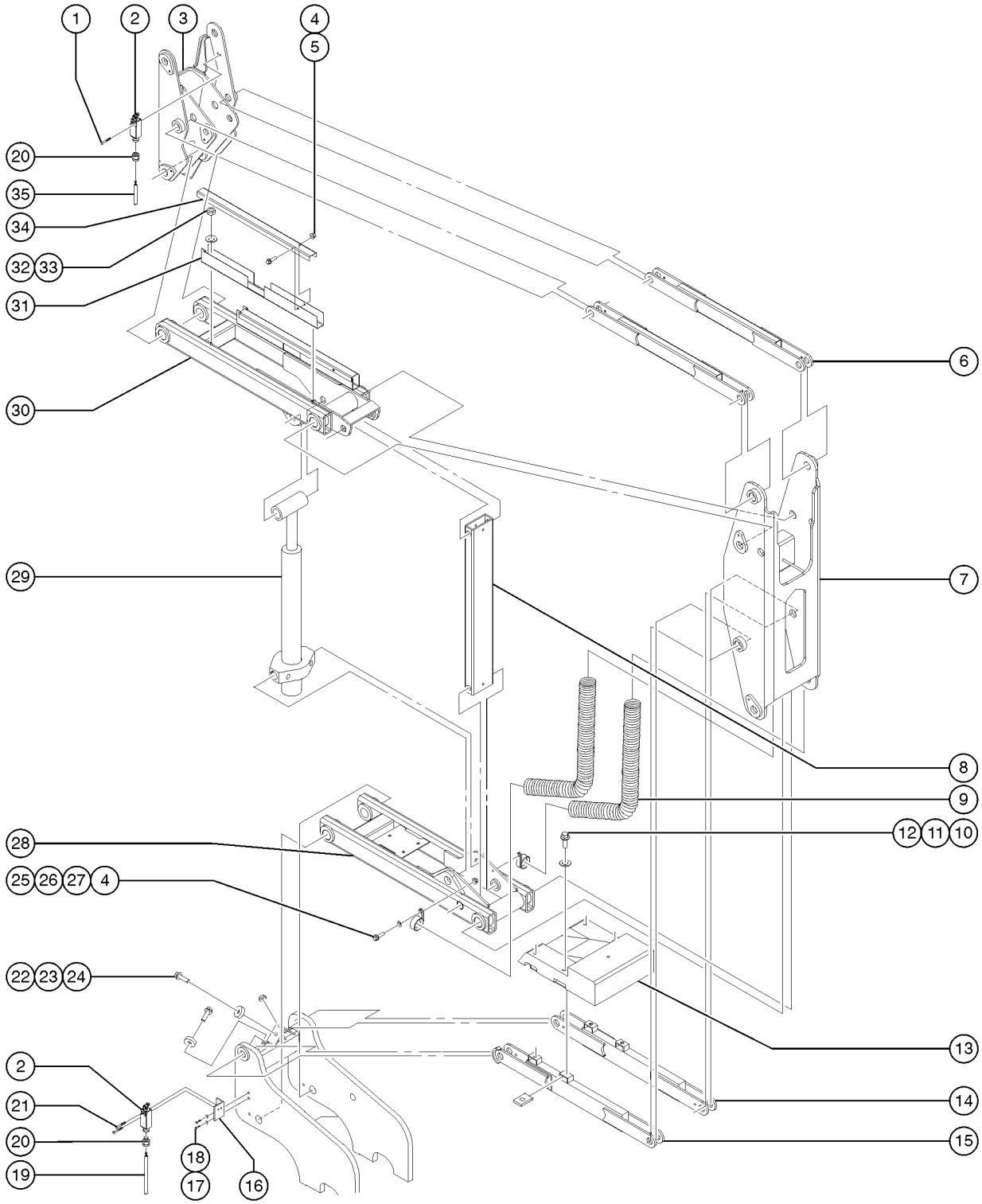
401.1 Secondary Boom - View 1



401.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
1A	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	106086GT	HARNESS,LS,SEC LIFT LS4 Z30/34	
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 inches
3	40447GT	UPPER MIDPIVOT ASSY,Z34 & Z34N	1
4	824027GT	NUT, TL FLG, 1/4-20, G, 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	74232-SGT	CONNECTING LINK 30N&34 PAINTED	1
9	42939-18700GT	WIRE LOOM,1.88 DIA.	187 inches
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	1
16	42413GT	ANGLE,SWITCH MOUNT***	1

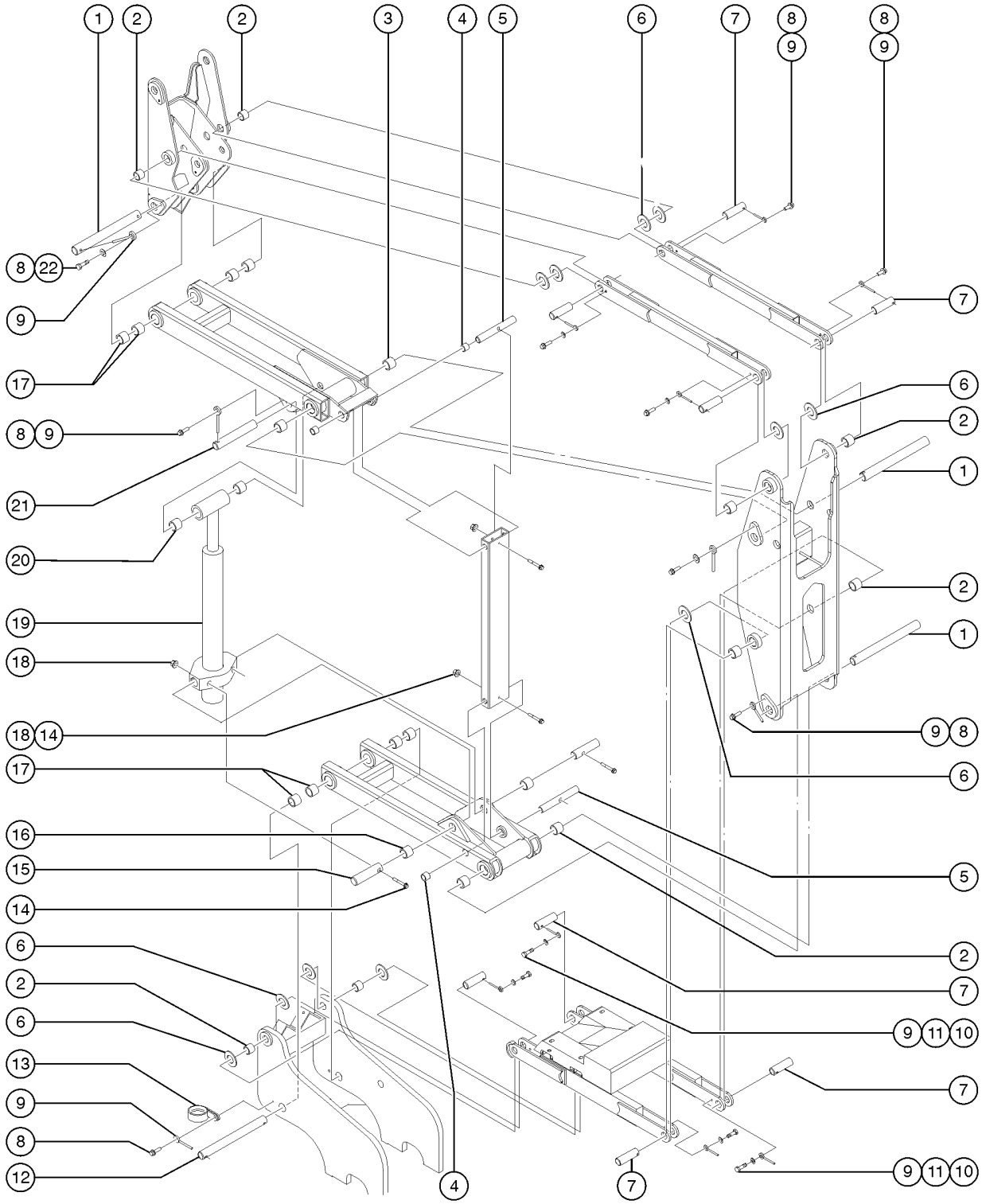
401.1 Secondary Boom - View 1



401.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
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 inches
20	7056GT	CONN,SQUEEZE,1/2NPT .38-.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	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
28A	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,CNTERBAL,CBBB-LHN@3000**	
30	74334GT	UPPER SECONDARY BOOM ASSEMBLY*	1
31	74271GT	HOSE TRACK,UPPER***	1
32A	824040GT	NUT,ACORN,3/8-16,ZAG to SN 19093	4
32B	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG from SN 19094	
33A	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	1
35	44133GT	WIRE CABLE,16/4 CON.TPE JKT*	184 inches

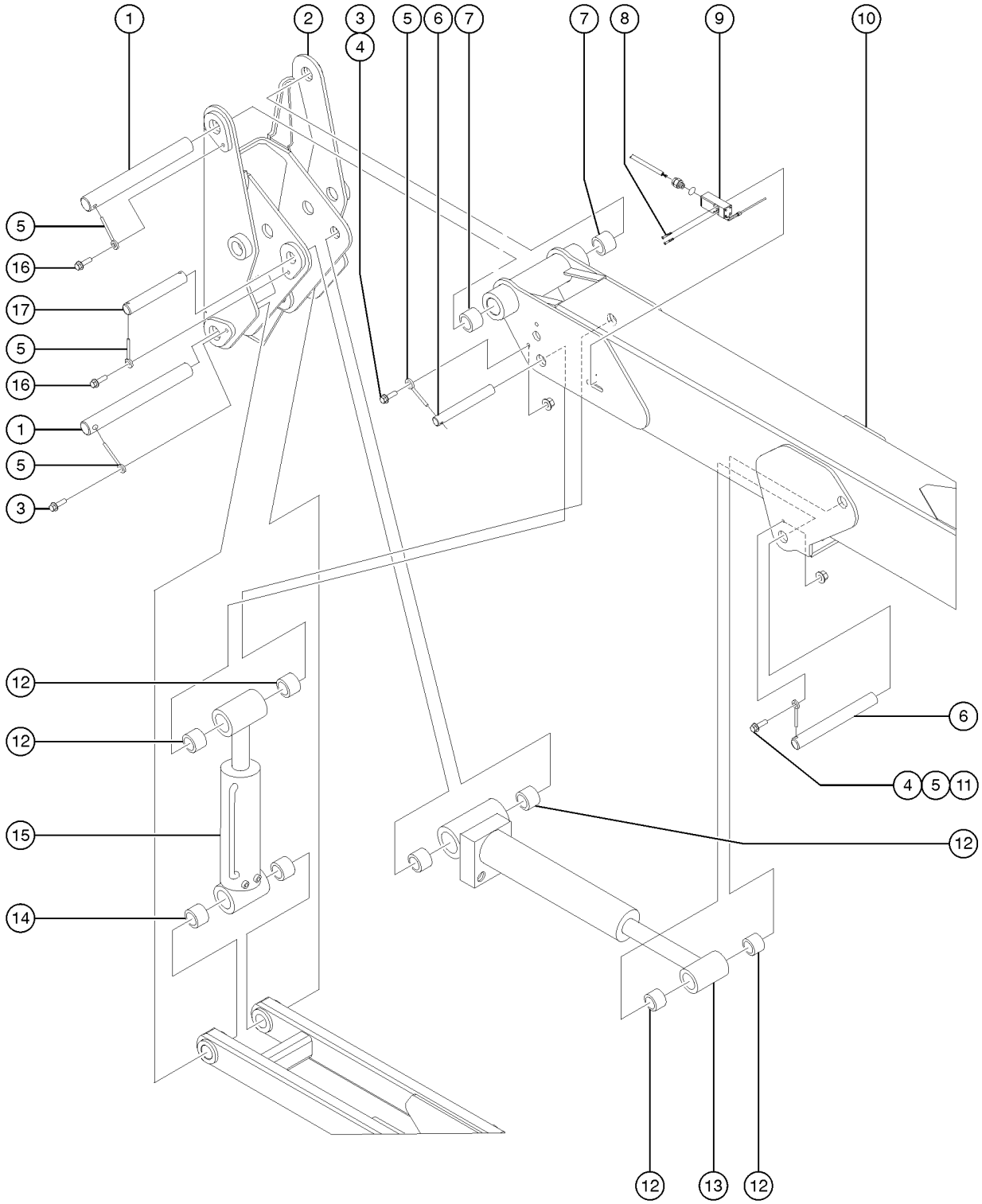
402.1 Secondary Boom - View 2



402.1 Secondary Boom - View 2

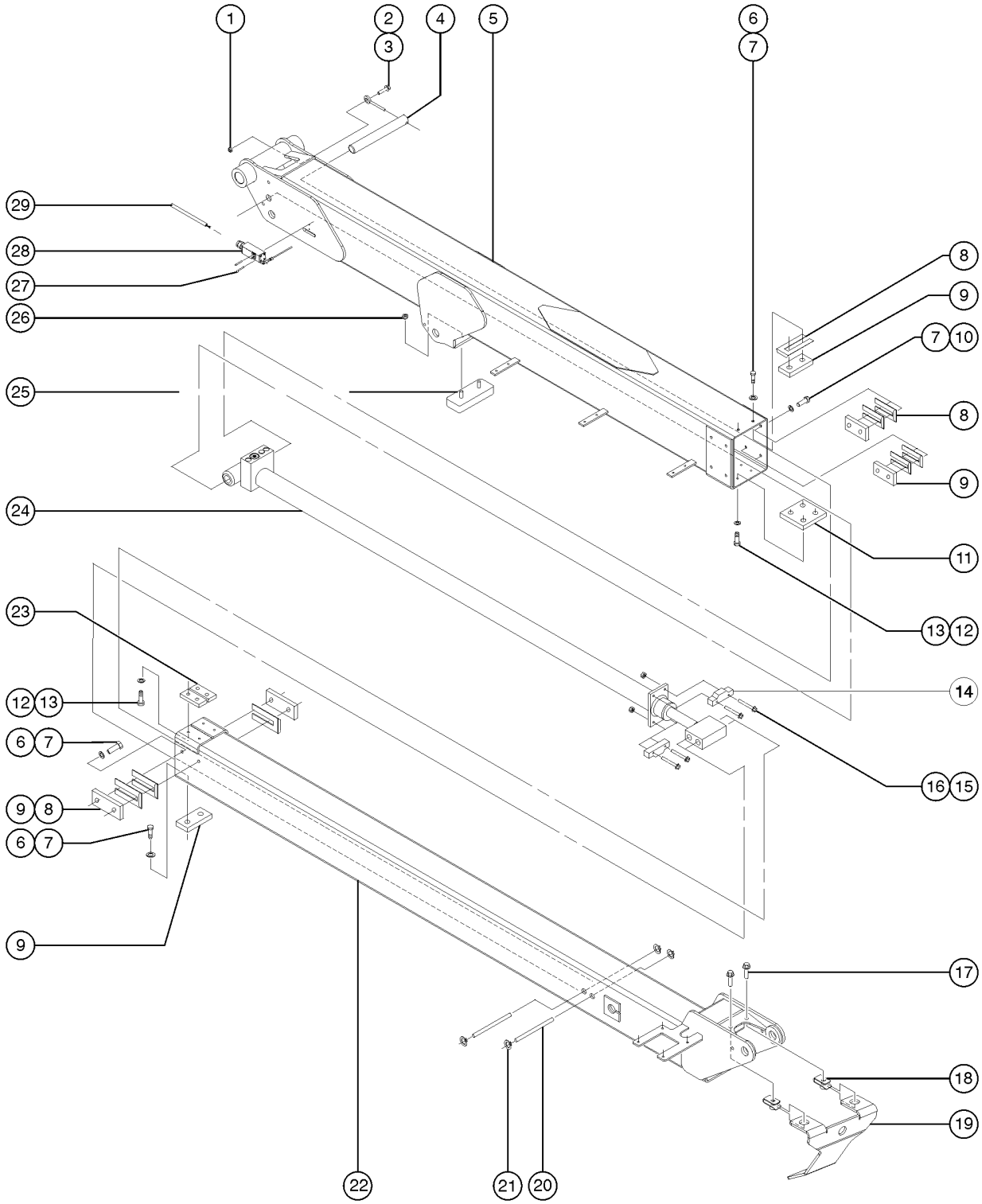
Item	Part No.	Description	Qty.
-	107935GT	KIT, SWING HOSE CLAMP, FIELD includes 106959GT, 106960PGT, 107933GT, 107934, and instructions 110148GT	
1	36194GT	PIN,1.50DIAX15.13LG,1HOLE	3
2	34245GT	BEARING,1.25IDX1.50X1.25L	10
3	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
4	36245GT	BEARING,FL,1.00IDX1.25ODX0.84L	4
5	36202GT	PIN,1.00DIAX7.25LG,1HOLE	2
6	824151GT	WASHER,SHIM,1.270X2.130X.062,Z	8
7	36390GT	PIN,1.25DIAX3.63LG,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,1.50DIAX16.13LG,1HOLE	1
13	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	1
14	824094GT	SCREW, HHF, 3/8-16 X 2.75, 8, ZAG	4
15	36205GT	PIN,1.25DIAX3.00LG,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 401.1)	
20	25683GT	BEARING,POLYGON,20DU12	2
21	74089GT	PIN,1.25DIAx9.63LG,1HOLE	2
22	825358GT	WASHER,FLAT,5/16,USS,ZAG	1

403.1 Upper Pivot



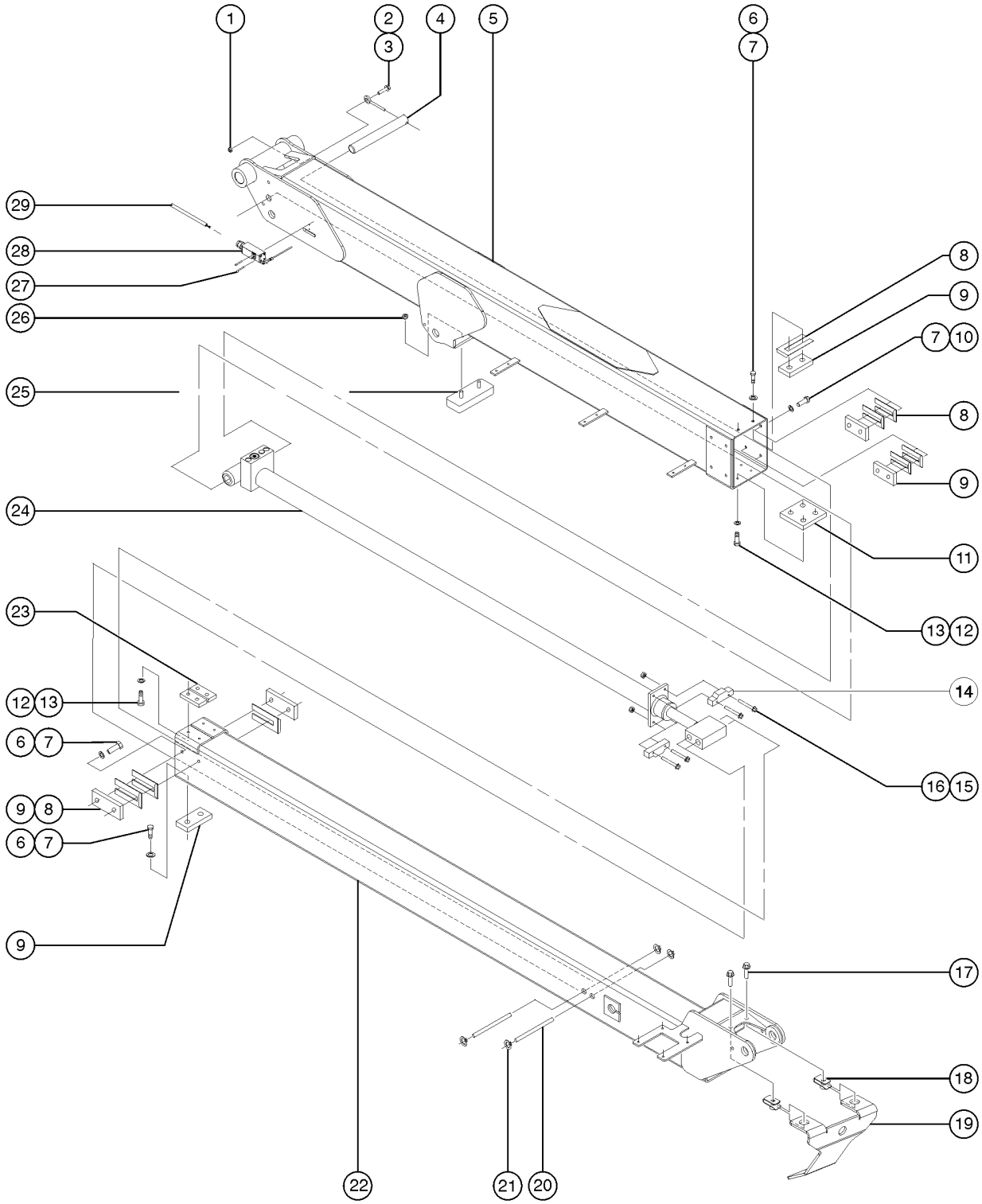
Item	Part No.	Description	Qty.
1	36194GT	PIN,1.50DIAX15.13LG,1HOLE	1
2	40447GT	UPPER MIDPIVOT ASSY,Z34 & Z34N	1
3	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	2
4	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
5	825019GT	ROD END, .375X3.69, ZAG	5
6	74091GT	PIN,1.25DIAX9.13LG,1HOLE	2
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
8	824218GT	SCREW,PHPM SEMS ET,8-32X.25,ZA	2
9	106082GT	HARNESS,LS,EXT/RET LS1 Z30	
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 inches
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 includes item 12	1
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 includes items 12 and 14	1
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



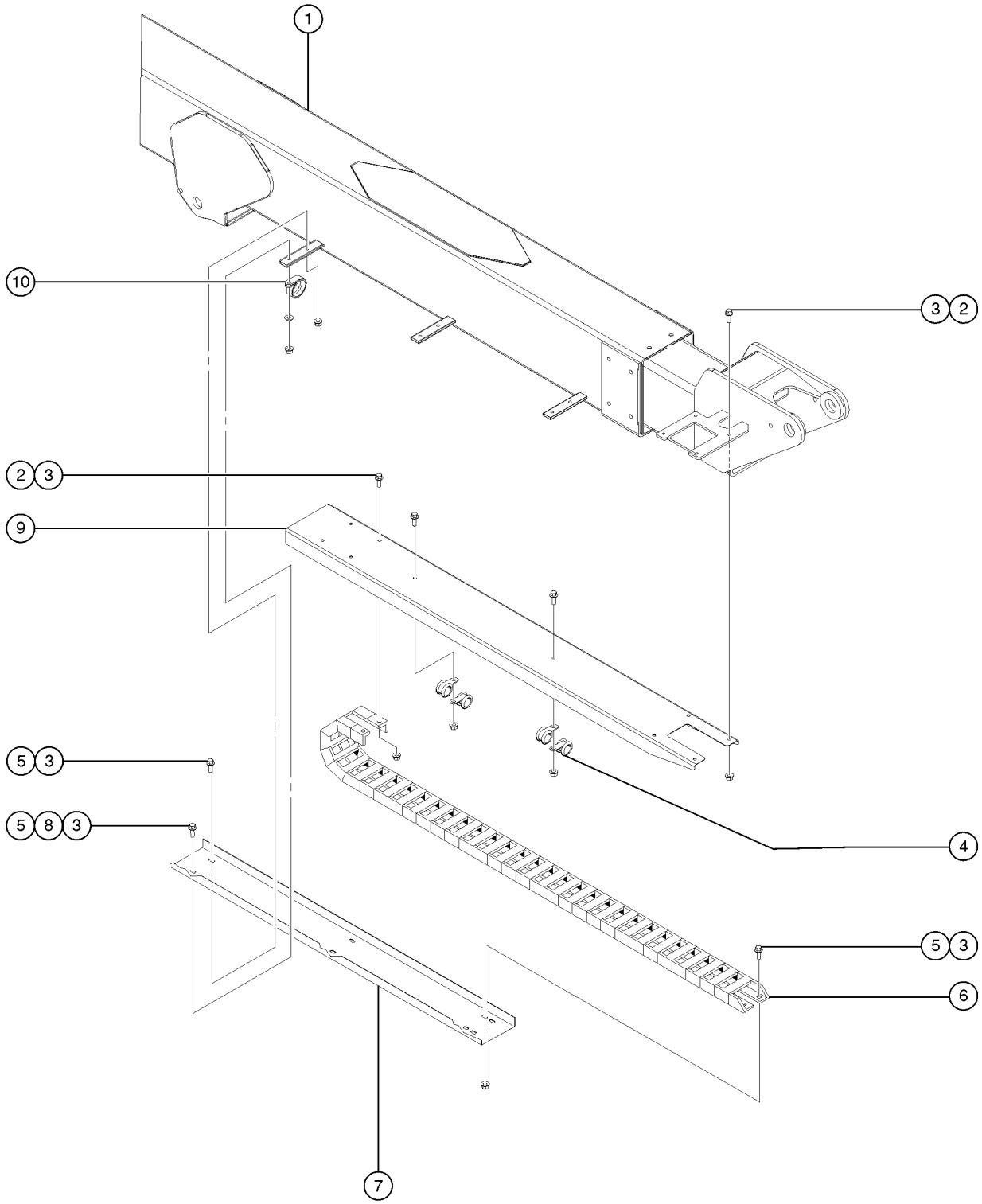
Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	
2	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG	
3	825019GT	ROD END, .375X3.69, ZAG	
4	101557GT	PIN,1.00DIAX9.01LG,THREADED	
5	94031GT	WELDMENT,PRIMARY BOOM Z30N refer to 502.1 for rotating jib	1
6	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	
7	824110GT	WASHER, LOCK, 3/8, ZAG	
8A	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	
8B	42502GT	SHIM,SIDE PAD 22GA. (quantity as needed)	
9	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	8
10	824068GT	SCREW,HHC,3/8-16X1.25,8,ZAG	
11	42621GT	WEAR PAD,4 X 4 X .75 W/NUTS	1
12	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	
13	824109GT	WASHER, LOCK, 1/4, ZAG	
14	74066GT	WEAR PAD,EXT CYL***	2
15	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG	
16	824027GT	NUT, TL FLG, 1/4-20, G, 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
19-	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	45745GT	WEAR PAD,4 X 2 X.50 THK.BLACK	2
24	94213GT	CYLINDER,EXTENSION	1
24-	94256GT	SEAL KIT, 94213	1
24-	36648GT	VALVE,COUNTERBALANCE 2500 PSI*	1

404.1 Primary and Extension Booms



Item	Part No.	Description	Qty.
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,SQUEEZE,1/2NPT .38-.50,SM	1
29	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	199 inches

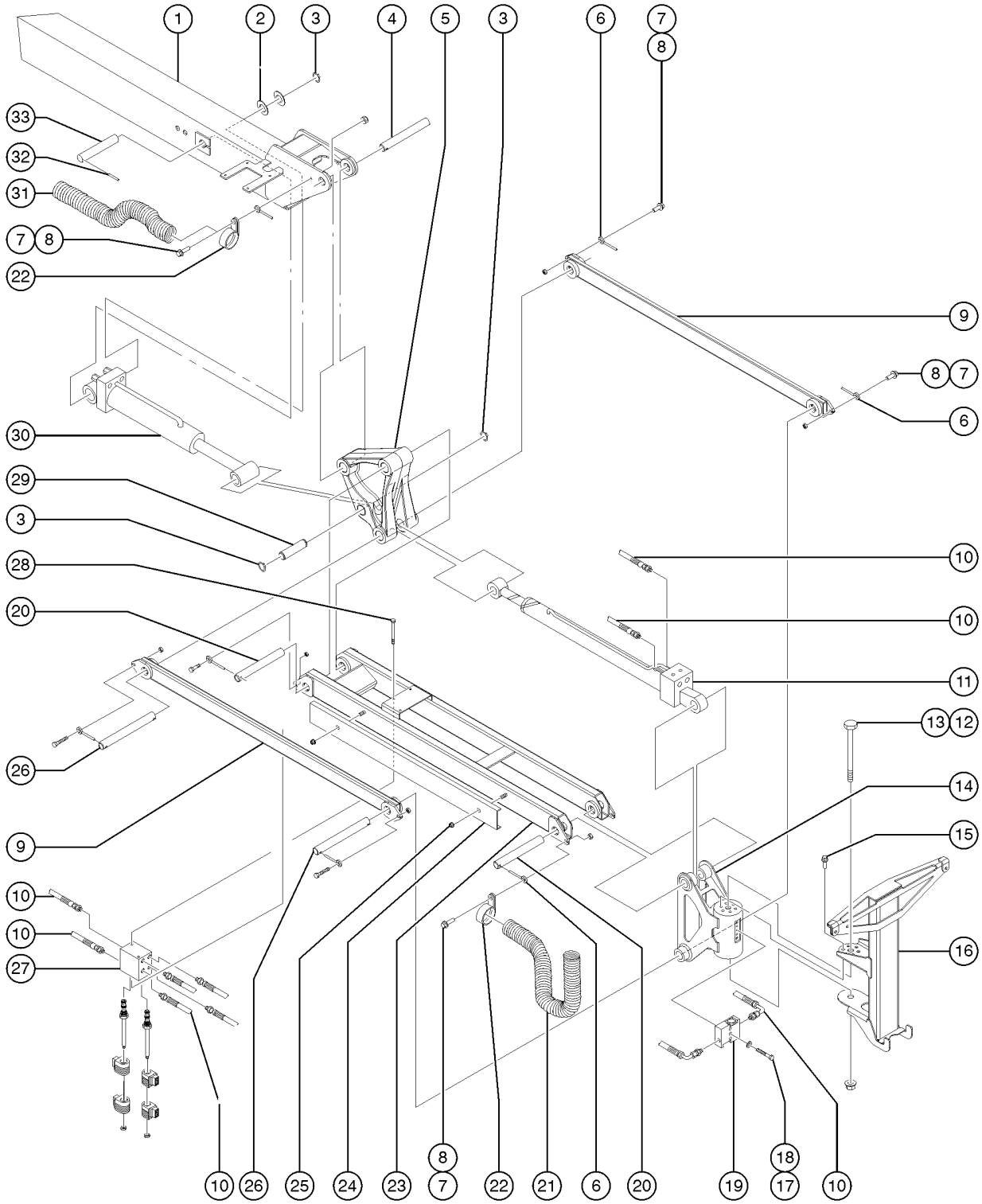
405.1 Cable Track



405.1 Cable Track

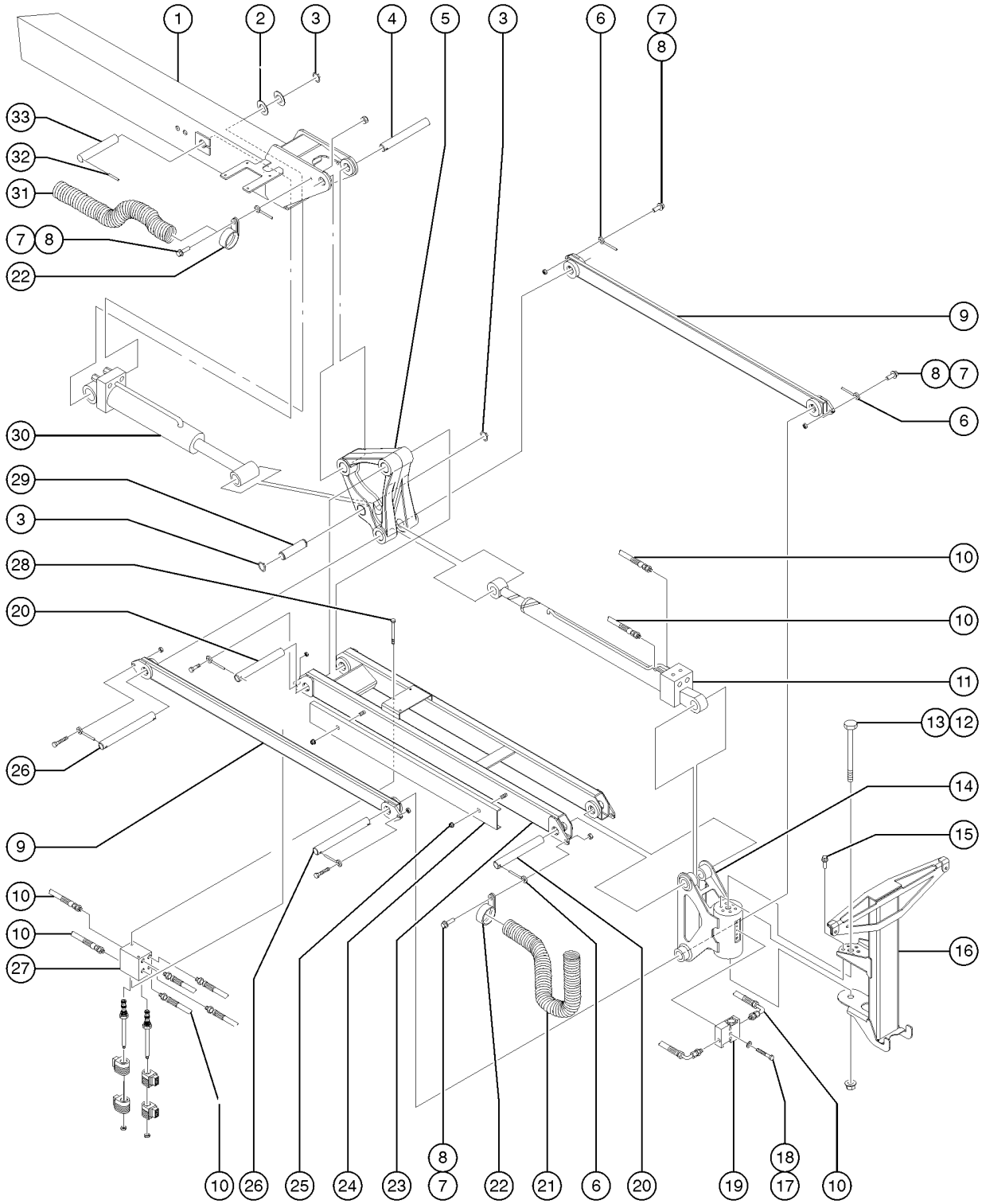
Item	*Part No.*	*Description*	*Qty.*
1		Ref. Primary and Extension Booms (refer to 404.1)	
2	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	10
3	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	16
4	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	4
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	6
6	139537GT	CABLE TRACK,NYLATRAC,26 LINK	1
6-	139540GT	REPAIR LINK,NYLATRAC,7 LINKS	
6-	139541GT	BRACKET SET,NYLATRAC,KS400	
6-	139542GT	LINK,NYLATRAC,KS400	
7	56983PGT	CHANNEL,LWR TRAY PLASTIC TK **	
8	824113GT	WASHER,FLAT,USS,1/4,ZAG	3
9	74119PGT	CHANNEL, CABLE TRACK, UPPER	1
10	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	3

406.1 Jib Boom and Platform Rotator



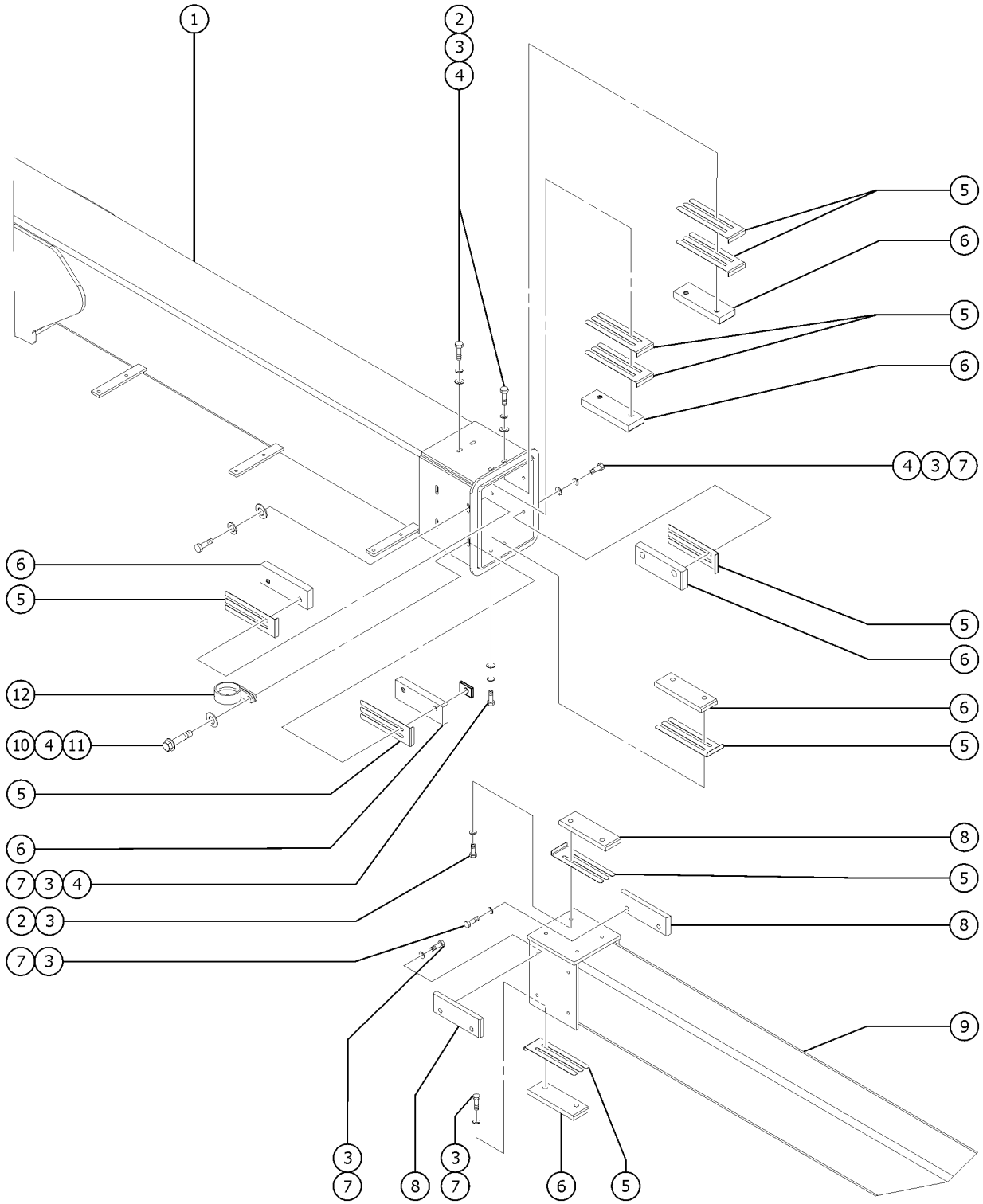
Item	Part No.	Description	Qty.
1		Ref. Extension Boom (refer to 404.1)	
2	824151GT	WASHER,SHIM,1.270X2.130X.062,Z	4
3	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	1
4	128550GT	PIN,1.25DIAX7.64LG,2RING	1
5	74587GT	BELLCRANK ASSEMBLY, Z30N,Z34**	
5-	74865GT	BEARING,FL,1.25IDX1.50ODX1.25L with flange	6
5-	74866GT	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
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
13A	1256863GT	WASHER,FLAT,.75,F436,HRD,ZAG	1
13B	1257458GT	NUT,TL,3/4-10,C,ZAGG	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
15A	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
17	824062GT	SCREW,HHC,1/4-20X1.5,8,ZAG	1
18	824109GT	WASHER, LOCK, 1/4, ZAG	1
19	56929GT	MANIFOLD,ROTATOR,180 DEG.***	1

406.1 Jib Boom and Platform Rotator



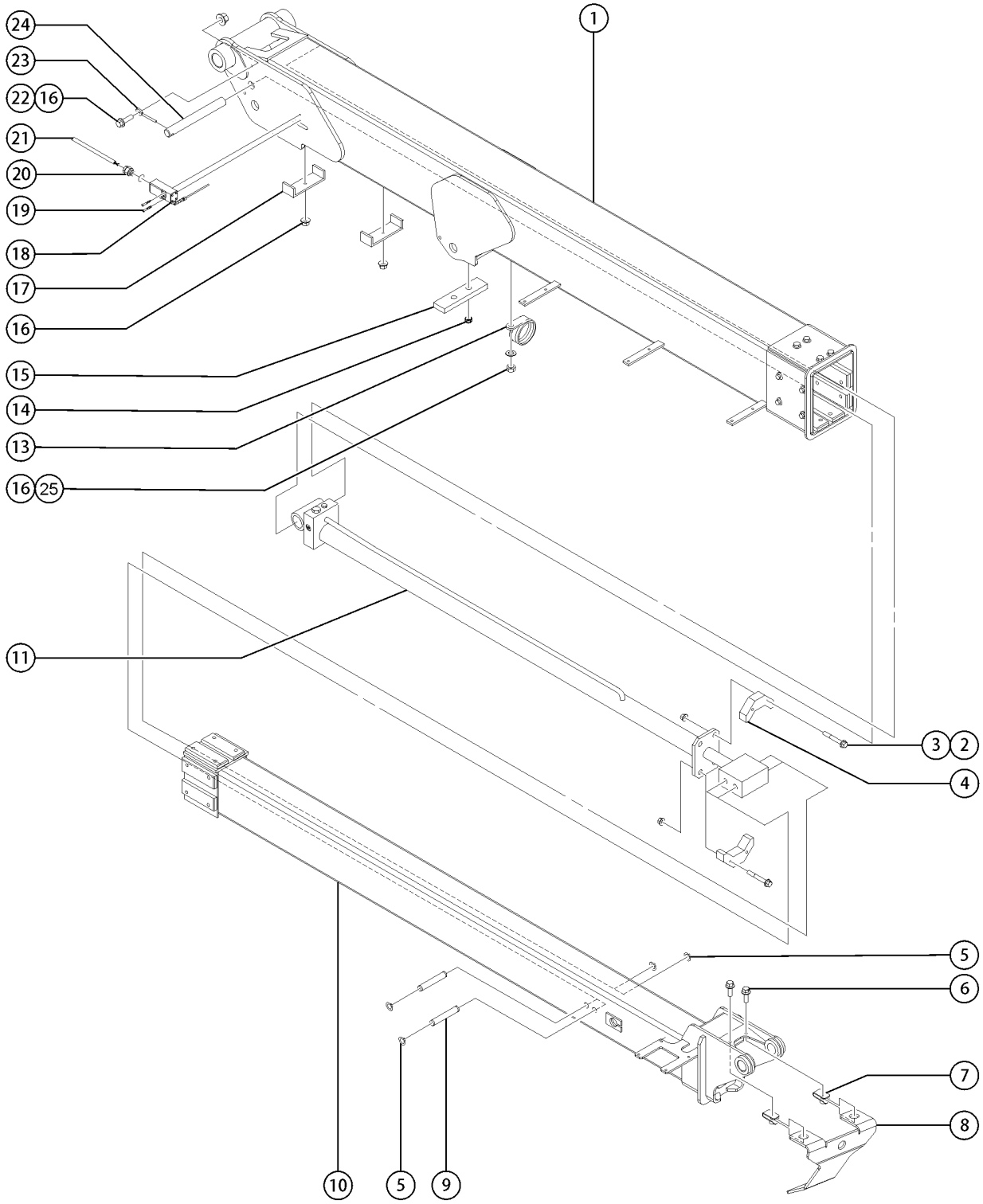
Item	Part No.	Description	Qty.
19-	62506GT	VALVE - COUNTERBALANCE**	
19-	62507GT	O-RING, ROTATOR MANIFOLD	
20	36199GT	PIN,1.25DIA.X10.38LG,1HOLE	2
21	42939GT	WIRE LOOM,1.88 DIA.	120 inches
22	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
23	56976GT	JIB BOOM MACH	1
24	36561-SGT	HOSE COVER,JIB BOOM**	1
25	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
26	42797GT	PIN,1.25DIAX12.50LG,2HOLE	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,1.25IDX1.41ODX.89L rod end	2
31	42929GT	HOSE,RET.FILTER DWN TUBE RUBBE	28
32	10665GT	PIN,ROLL,.25 X 1.5***	1
33	50546GT	PIN,1.25DIAX6.36LG,2RING	1

501.1 Primary Boom Wear Pads

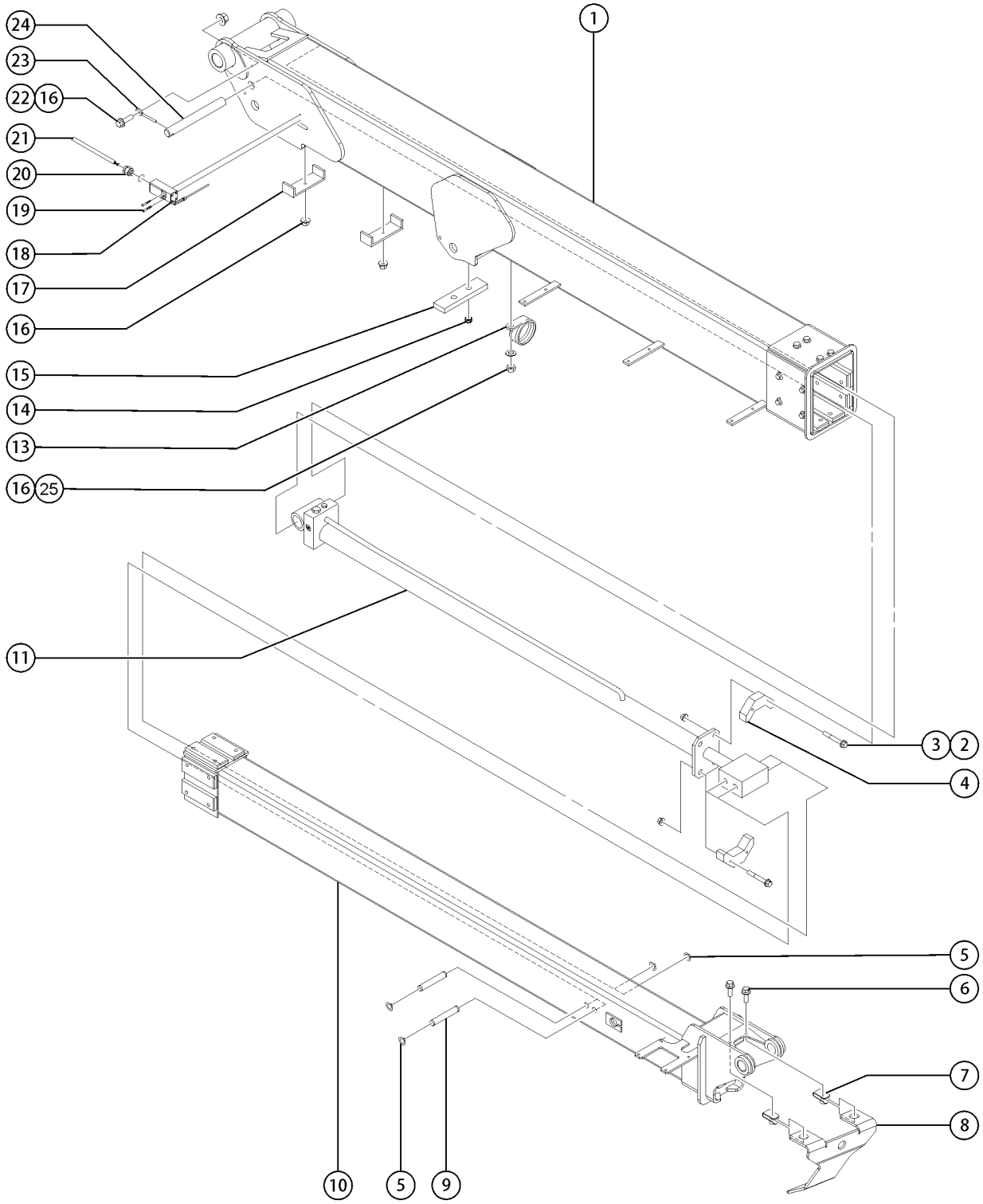


501.1 Primary Boom Wear Pads

Item	Part No.	Description	Qty.
		Refer to 404.1 for models without rotating jib	
1		Ref. Primary Boom (refer to 502.1)	
2	824061GT	SCREW, HHC, 1/4-20 X 1.25, 8, ZAG	8
3	824109GT	WASHER, LOCK, 1/4, ZAG	28
4	824113GT	WASHER,FLAT,USS,1/4,ZAG	32
5	74134GT	SHIM,WEAR PAD .030 as needed	
6B	74044GT	WEAR PAD,EXT BOOM*** 6 x 2 x 0.4375 inches (measure depth before ordering) qty will vary	
6A	101429GT	WEAR PAD,EXT BOOM*** 6 x 2 x 0.6875 inches (measure depth before ordering) qty will vary	10
7	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	20
8	74044GT	WEAR PAD,EXT BOOM*** 6 x 2 x 0.4375 inches (measure depth before ordering) qty will vary	6
9		Ref. Extension Boom (refer to 502.1)	1
9-	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	2
10	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	1
11	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
12	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	1

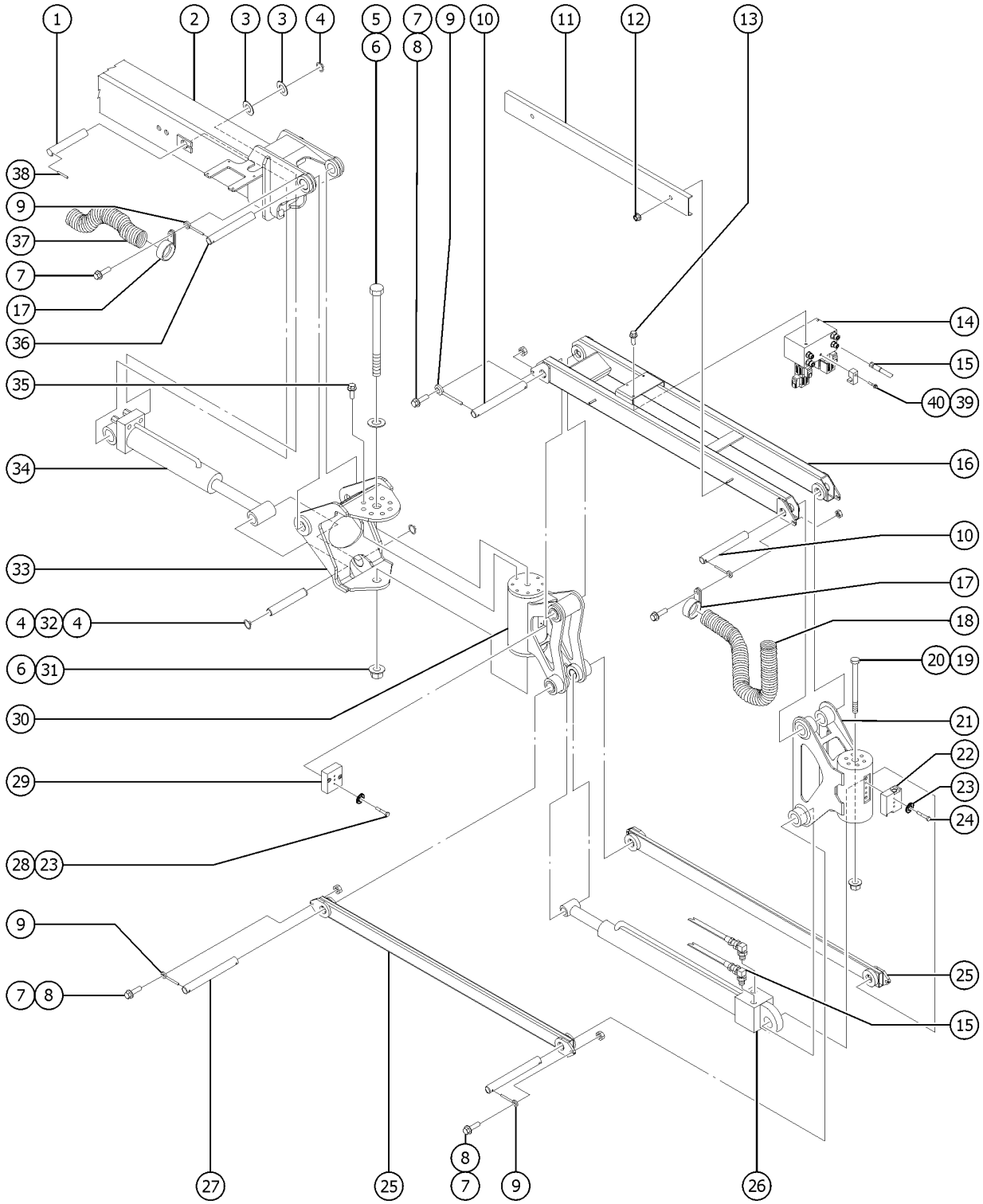

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Item	Part No.	Description	Qty.
A-		Refer to 404.1 for models without a rotating jib	
B-		Ref. Upper Pivot (refer to 403.1)	2
1	74345GT	PRIMARY BOOM TUBE ASSEMBLY**	1
1-	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
2	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG	4
3A	824027GT	NUT, TL FLG, 1/4-20, G, ZAG to SN 19124	7
3B	824027GT	NUT, TL FLG, 1/4-20, G, ZAG from SN 19125	3
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,0.75DIAX5.51LG,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)	
12A	824113GT	WASHER,FLAT,USS,1/4,ZAG to SN 19124	3
12B	824113GT	WASHER,FLAT,USS,1/4,ZAG from SN 19125	2
13	27497GT	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
16A	824029GT	NUT, TL FLG, 3/8-16, G, ZAG to SN 19124	2
16B	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG from SN 19125	3
17	54530GT	CLAMP,HOSE,ALUMINUM	2


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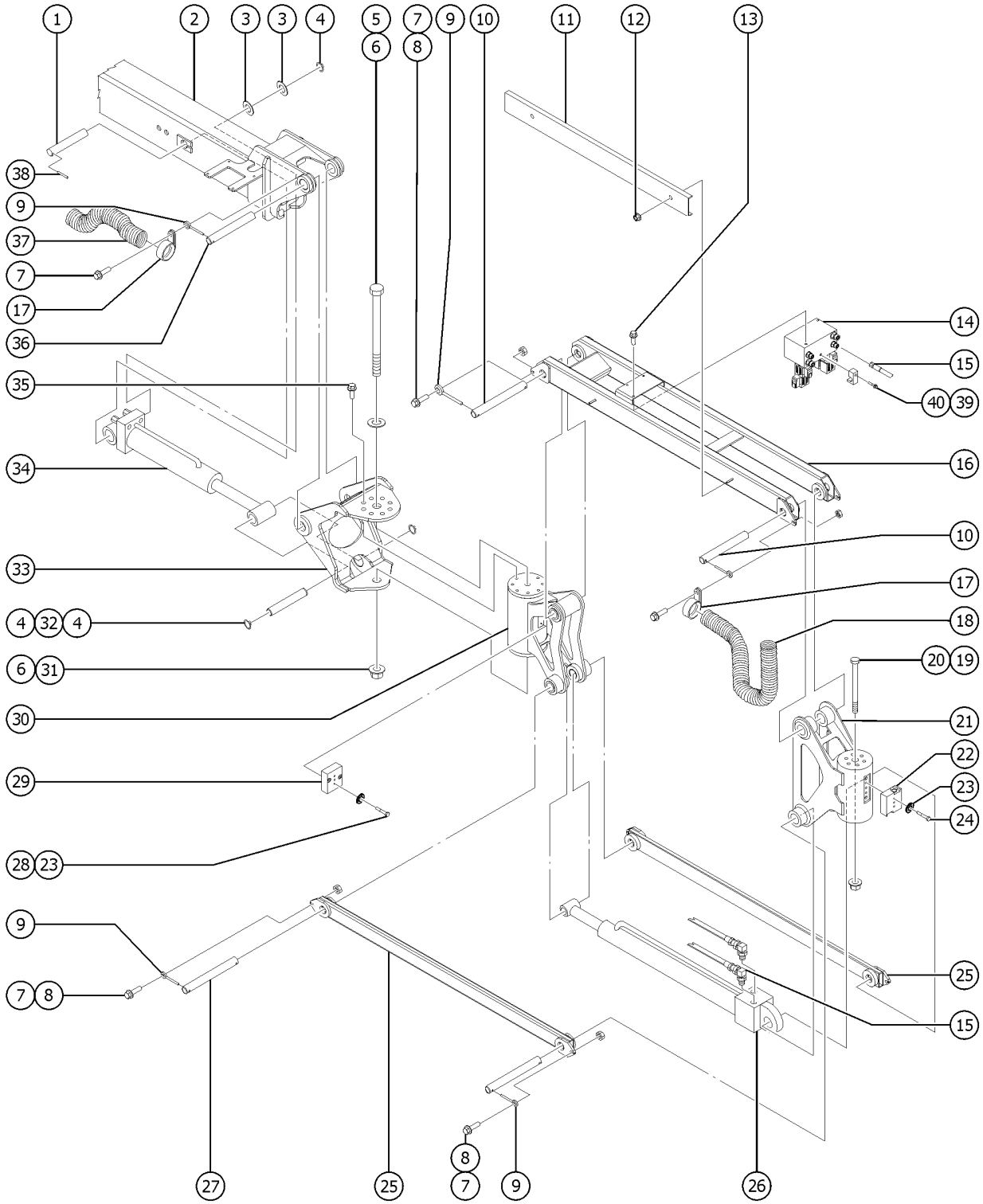
Item	Part No.	Description	Qty.
18	106082GT	HARNESS,LS,EXT/RET LS1 Z30	
18-	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM	1
18-	106433GT	LS SPRING WAND (ZCY91)	
18-	19491GT	CONTACTOR,LIMIT SWITCH	
18-	22359GT	SPRING ARM,LIMIT SWITCH,6.25"	
18-	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	216 inches
19	824219GT	SCREW,PHPM SEMS ET,8-32X1.25,Z	2
20	7056GT	CONN,SQUEEZE,1/2NPT .38-.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



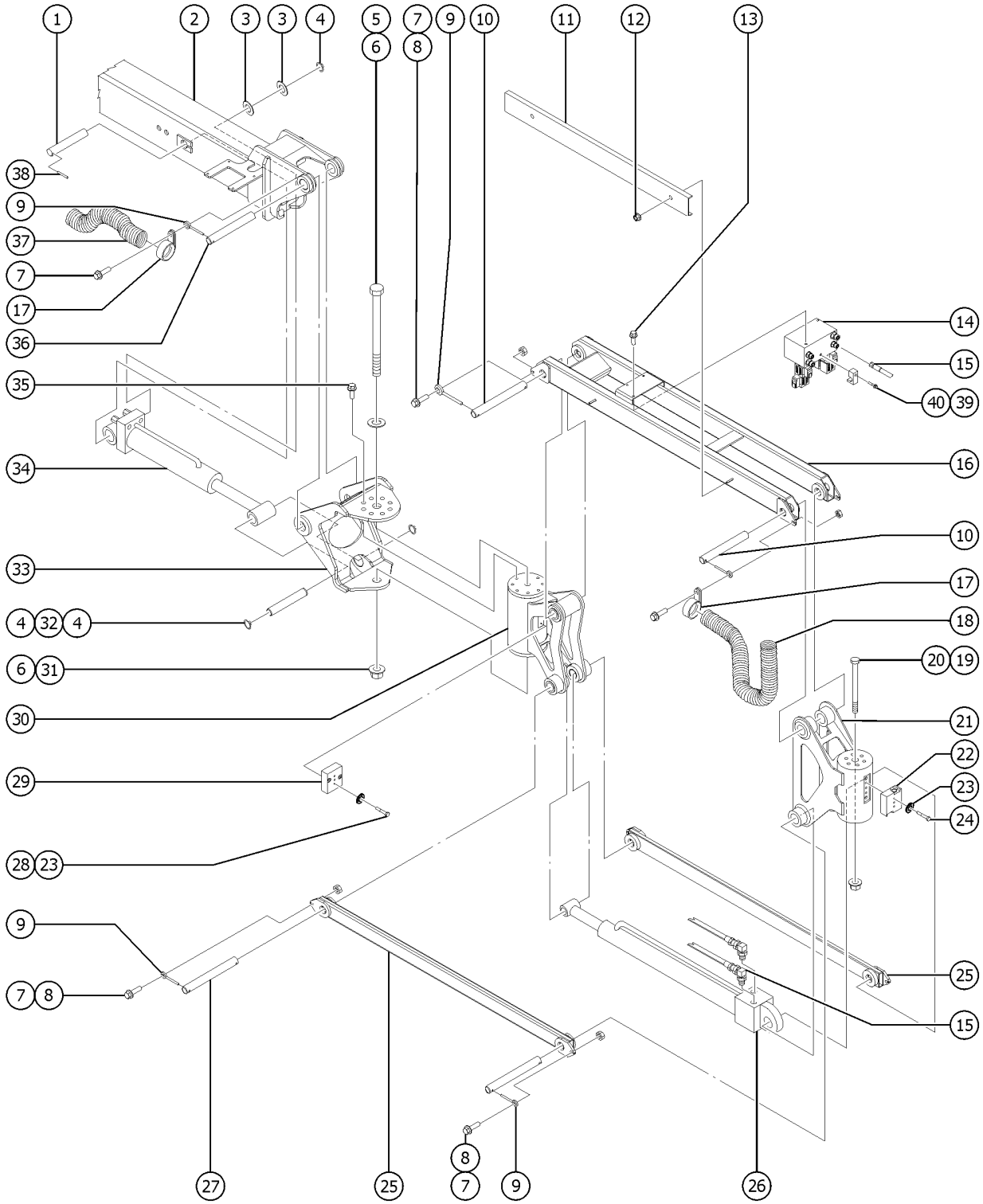
Item	*Part No.*	*Description*	*Qty.*
1	36190GT	PIN,SLAVE CYL,1.25 X 6.06***	1
2		Ref. Extension Boom (refer to 502.1)	
3	824152GT	WASHER,SHIM,1.270X1.875X.062,Z	2
4	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	3
5	824075GT	SCREW, HHC, 1-8 X 12.75, 5, ZAG	1
6	824116GT	WASHER,FLAT,1.0,F436,HRD,ZAG	2
7	824092GT	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
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 refer to 702.1	1
15		Ref. Hydraulic Components refer to 802.1	4
16	56976-SGT	JIB BOOM MACH***	1
17	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
18	42939GT	WIRE LOOM,1.88 DIA.	22 inches
19	1273205GT	SCREW,HHC,3/4-10X9.5,8,ZAG	1
20A	1256863GT	WASHER,FLAT,.75,F436,HRD,ZAG	1
20B	1257458GT	NUT,TL,3/4-10,C,ZAGG	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



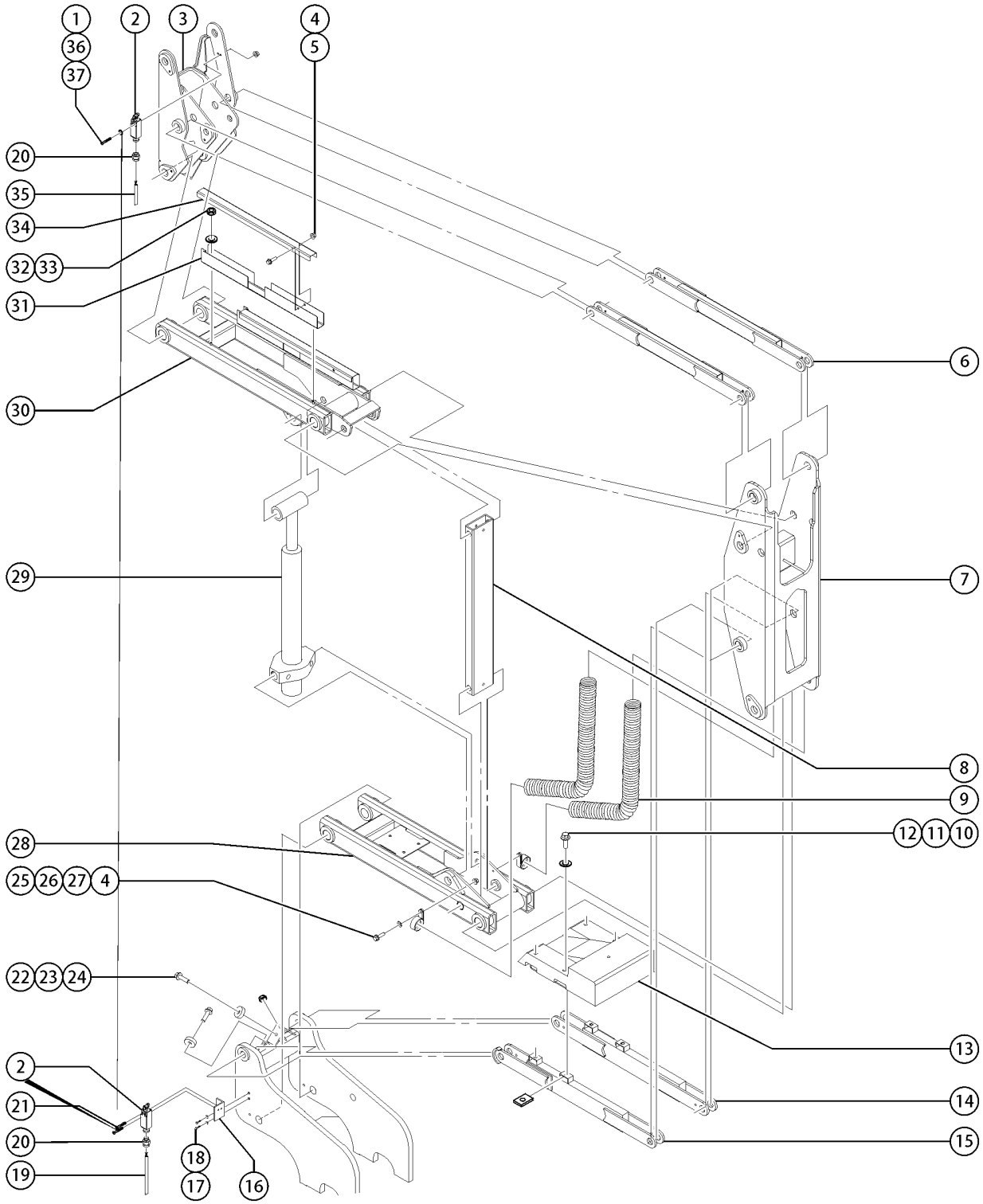
Item	Part No.	Description	Qty.
23	824109GT	WASHER, LOCK, 1/4, ZAG	6
24	824062GT	SCREW,HHC,1/4-20X1.5,8,ZAG	3
25	36054-SGT	COMPRESSION MEMBER (BORED)***	2
26		Ref. Jib Cylinder (refer to 406.1)	1
27	42797GT	PIN,1.25DIAX12.50LG,2HOLE	1
28	824063GT	SCREW,HHC,1/4-20X1.75,8,ZAG	3
29	74051GT	MANIFOLD,ROTATOR 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	826794GT	NUT,TL,1-8,C,ZAGRING	1
32	139655GT	PIN,SLAVE CYLINDER	1
33	74347GT	JIB PIVOT ASSEMBLY**	1
33-	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	2
34	94217GT	CYLINDER,SLAVE,DONGYANG	1
34-	94260GT	SEAL KIT, LEVELING CYLINDER	
34-	74735GT	VALVE,COUNTERBALANCE	
34-	47377GT	BEARING,1.25 ID X 1.5 OD X .75	
34-	35088GT	BEARING,FL,1.25IDX1.41ODX.89L	
35A	1256843GT	SCREW,HHC,1/2-13X1.25,8,ZAG	8
35B	825353GT	WASHER,FLAT,1/2,SAE,HRD,ZAG	8
36	74089GT	PIN,1.25DIAx9.63LG,1HOLE	1
37	42939GT	WIRE LOOM,1.88 DIA.	24 inches
38	10665GT	PIN,ROLL,.25 X 1.5***	1

503.1 Rotating Jib Boom Assembly



Item	Part No.	Description	Qty.
39	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	1
40	229074GT	CLAMP,WIRE HARNESS	1

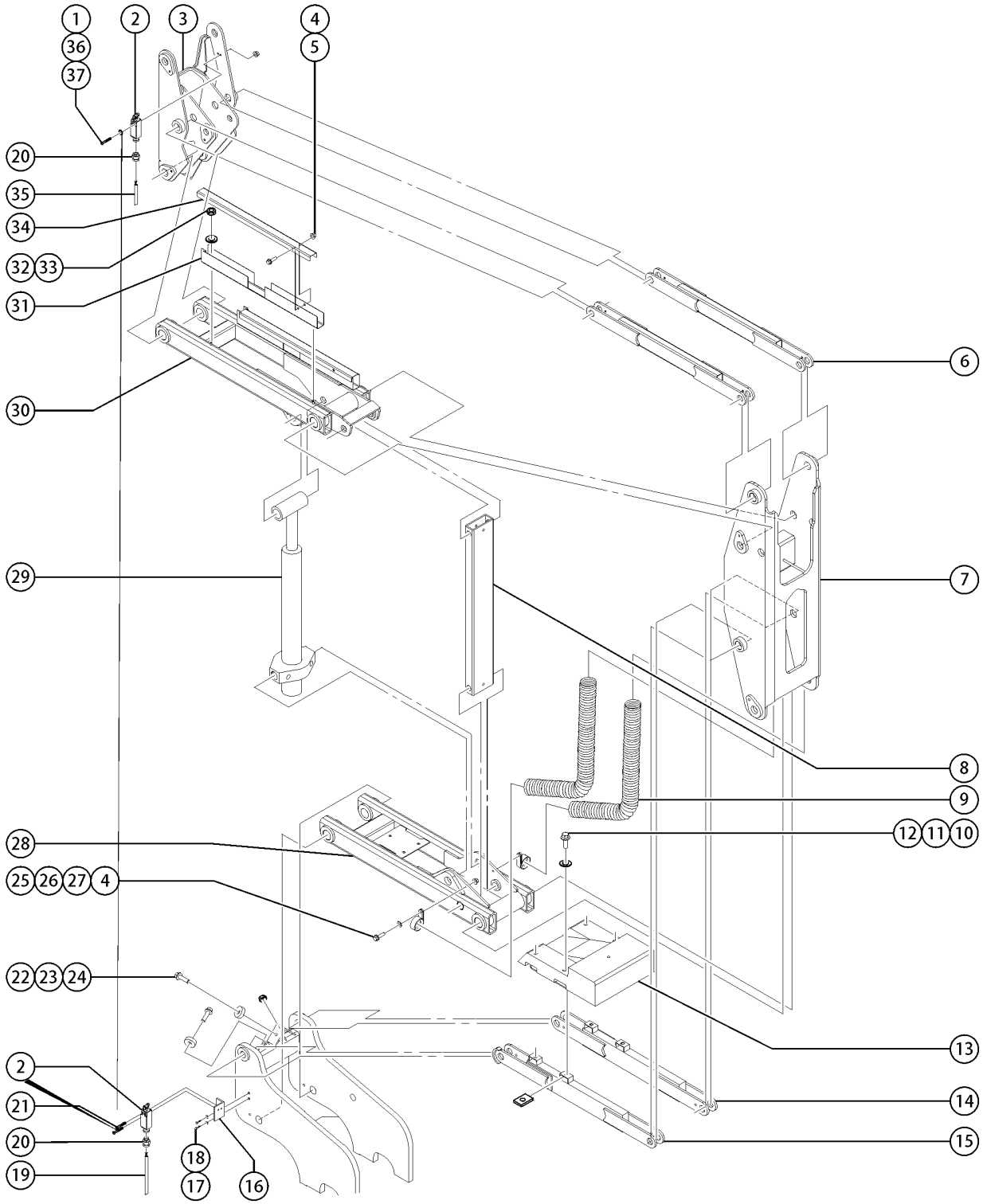
504.1 Secondary Boom - View 1



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	824027GT	NUT, TL FLG, 1/4-20, G, 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
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 inches
20	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	2

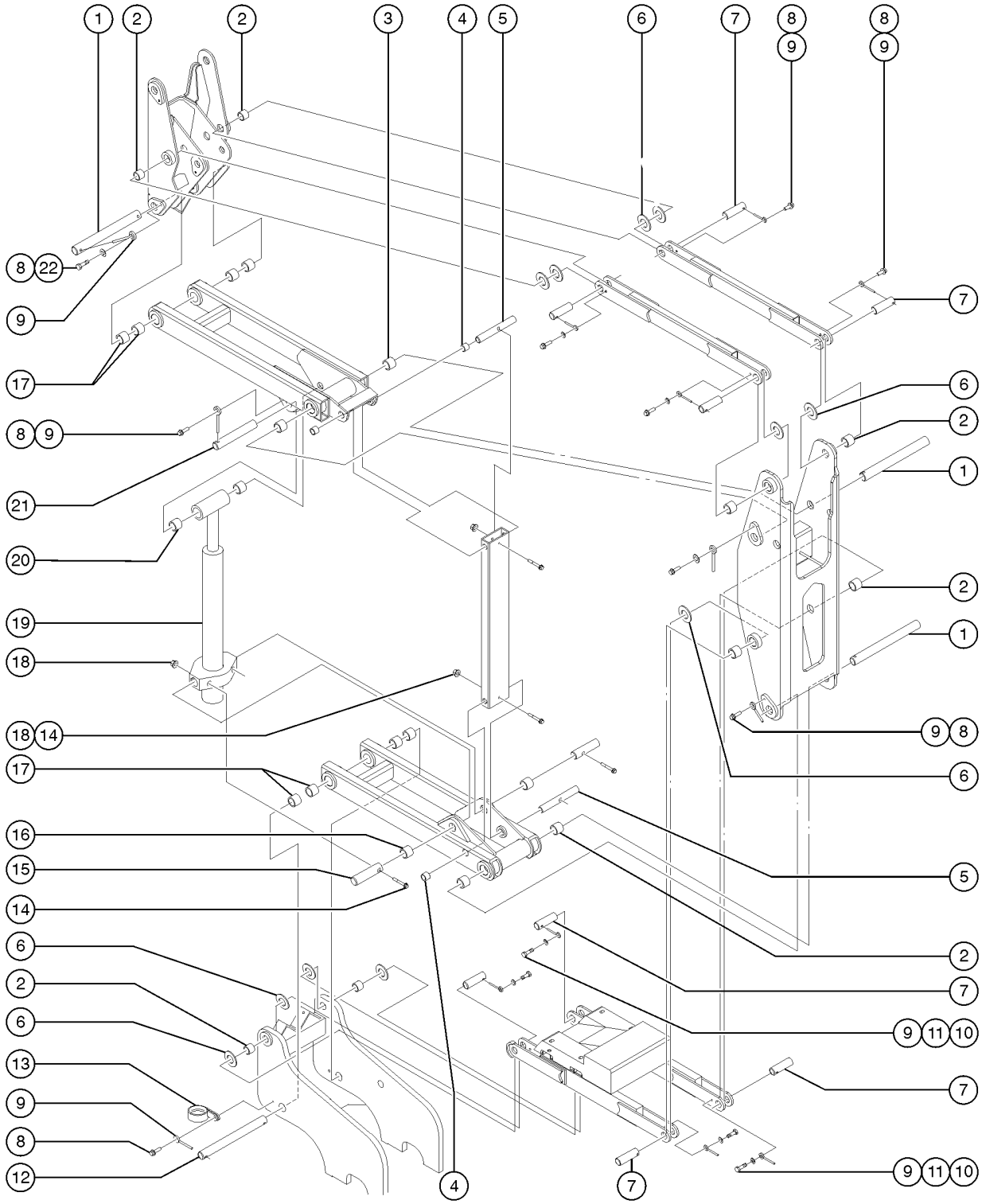
504.1 Secondary Boom - View 1



504.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
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	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
28	128039GT	UPPER SEC BOOM ASSY Z30N RJ	1
29	101349GT	CYLINDER,ELEVATE, Z30N	1
29-	94254GT	SEAL KIT, 94211, 94254, 101349	1
29-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	1
30	128040GT	LOWER SECONDARY BOOM ASSEMBLY	1
31	74271GT	HOSE TRACK,UPPER***	1
32A	824040GT	NUT,ACORN,3/8-16,ZAG to SN 19093	4
32B	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG from SN 19094	
33A	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	1
35	44133GT	WIRE CABLE,16/4 CON.TPE JKT*	184 inches
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

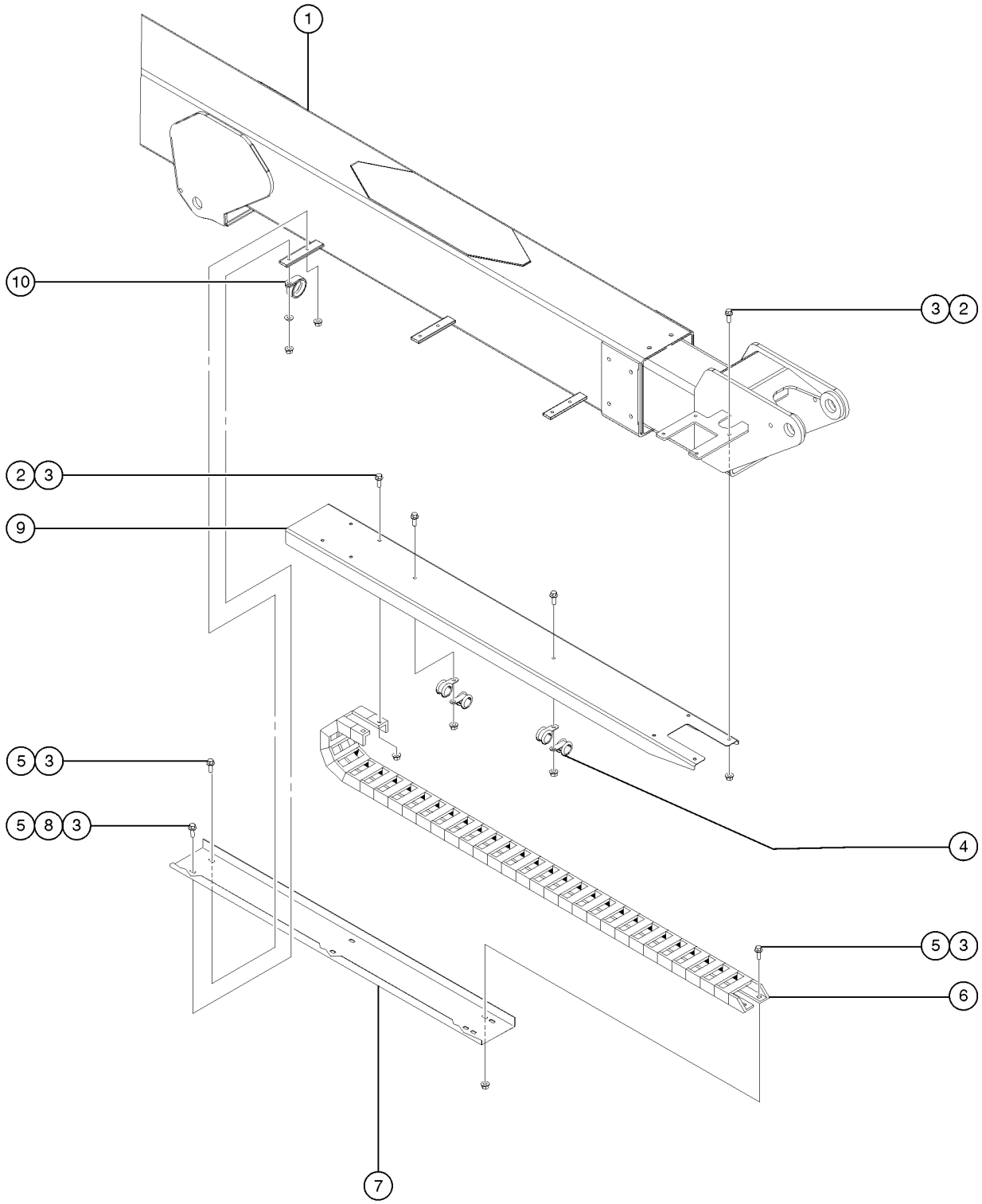
505.1 Secondary Boom - View 2



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,1.50DIAX15.13LG,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,1.00DIAX7.25LG,1HOLE	2
6	824151GT	WASHER,SHIM,1.270X2.130X.062,Z	8
7	36390GT	PIN,1.25DIAX3.63LG,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,1.50DIAX16.13LG,1HOLE	1
13	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	1
14	824094GT	SCREW, HHF, 3/8-16 X 2.75, 8, ZAG	4
15	36205GT	PIN,1.25DIAX3.00LG,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,1.25DIAx9.63LG,1HOLE	1
22	825358GT	WASHER,FLAT,5/16,USS,ZAG	1

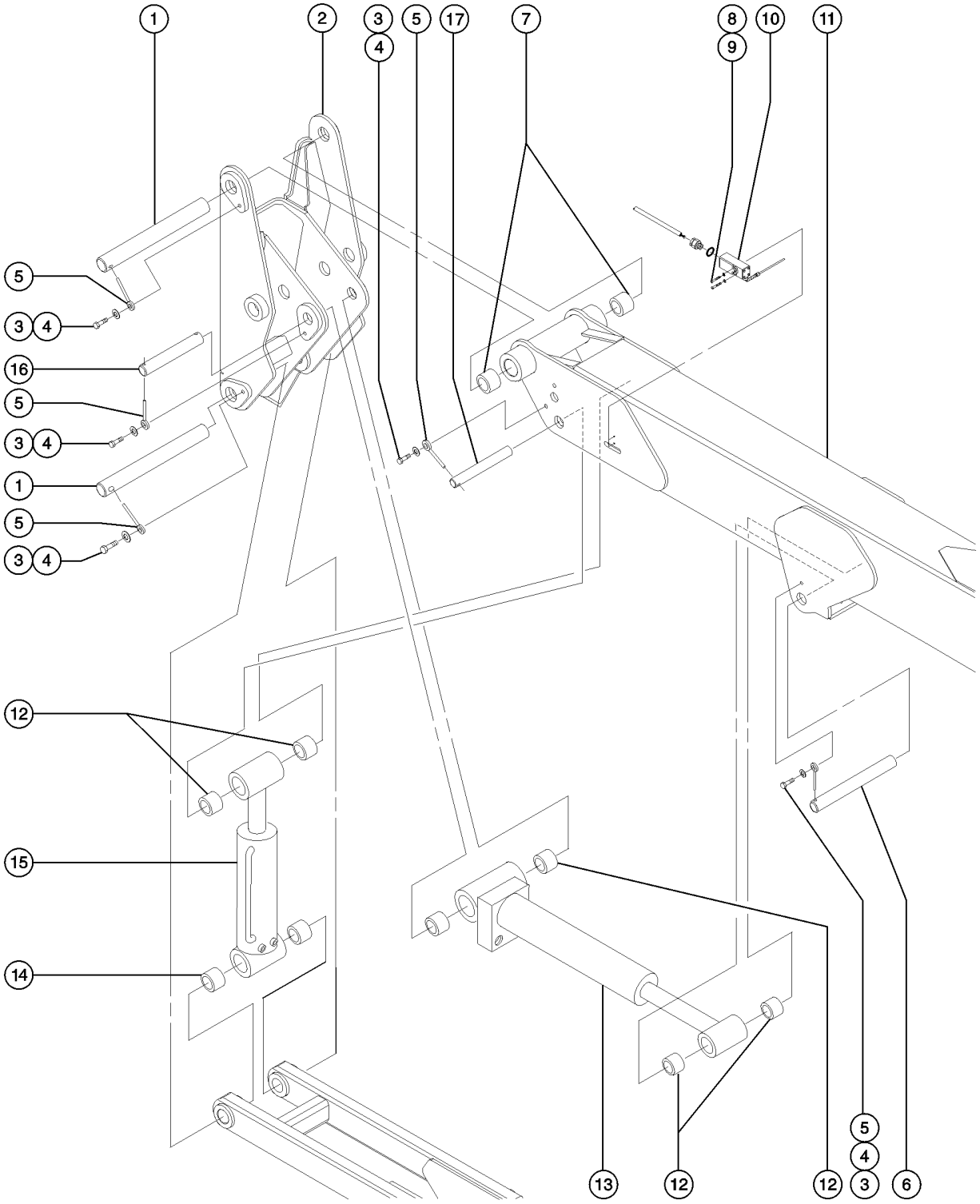
506.1 Cable Track



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	824027GT	NUT, TL FLG, 1/4-20, G, 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
6-	139540GT	REPAIR LINK,NYLATRAC,7 LINKS	
6-	139541GT	BRACKET SET,NYLATRAC,KS400	
6-	139542GT	LINK,NYLATRAC,KS400	
7	56983PGT	CHANNEL,LWR TRAY PLASTIC TK **	
8	824113GT	WASHER,FLAT,USS,1/4,ZAG	3
9	74119PGT	CHANNEL, CABLE TRACK, UPPER	1
10	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	3

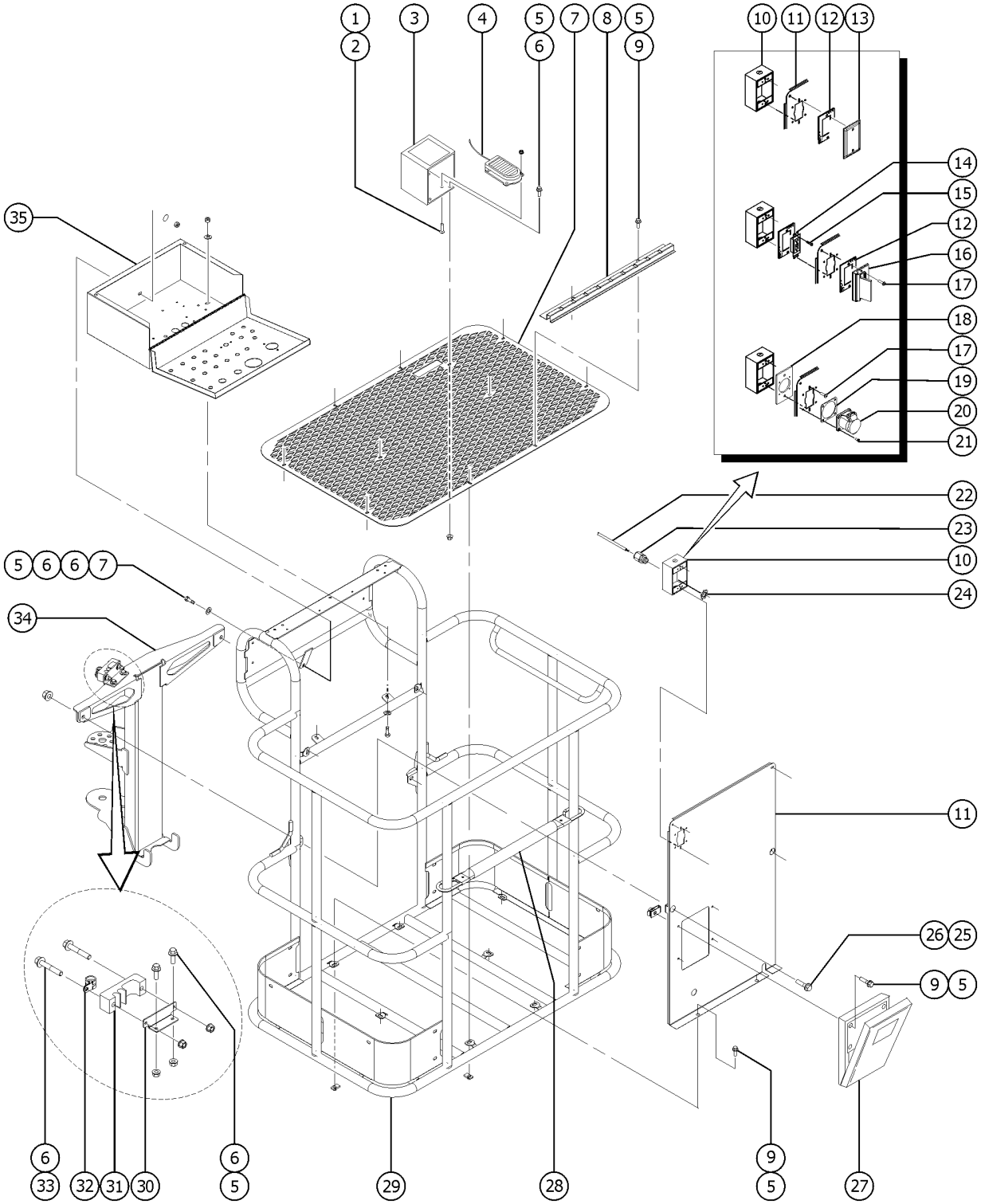
507.1 Mid Pivot



507.1 Mid Pivot

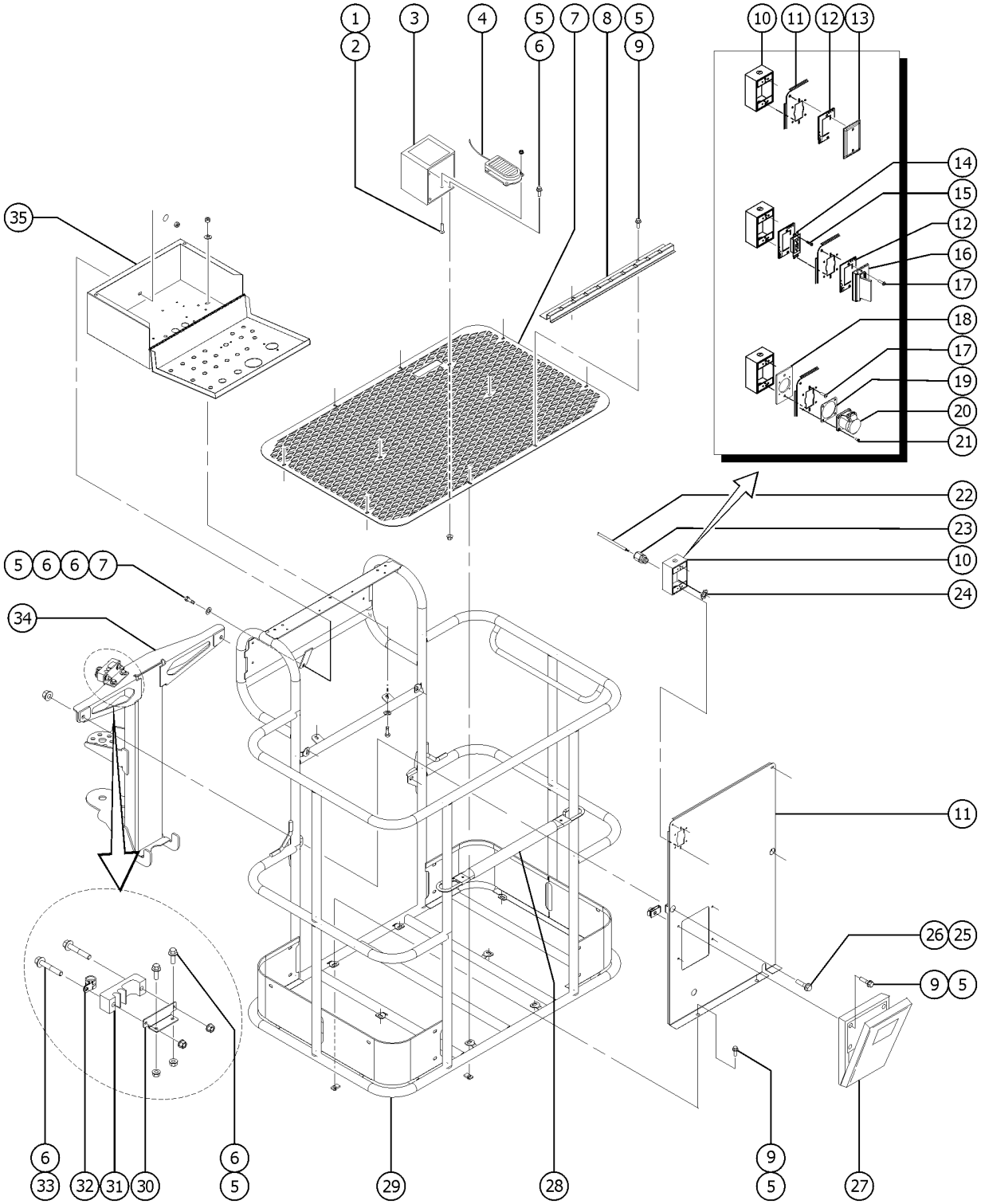
Item	Part No.	Description	Qty.
1	36194GT	PIN,1.50DIAX15.13LG,1HOLE	1
2	40447GT	UPPER MIDPIVOT ASSY,Z34 & Z34N	1
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
4	6021GT	WASHER, LOCK, .375	
5	825019GT	ROD END, .375X3.69, ZAG	3
6	36198GT	PIN,1.25DIAX8.12LG,1HOLE	
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
8	49821GT	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 includes item 12	1
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



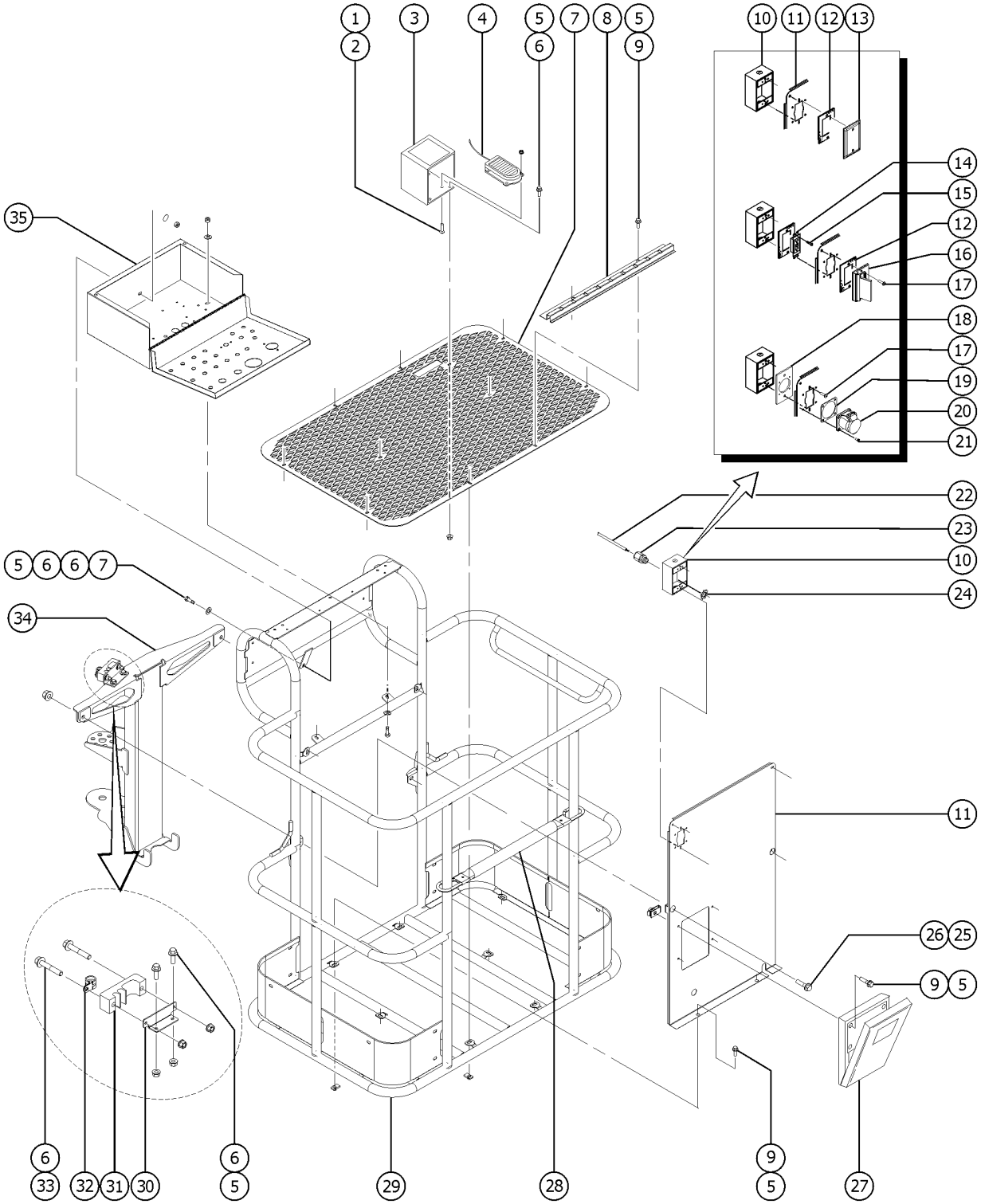
Item	Part No.	Description	Qty.
A-	101985GT	PLAT ASSY W/DECAL(US/CANADA) ANSI and CSA	1
B-	101986GT	PLAT ASSY W/DECAL (CE) CE	1
C-	101987GT	PLAT ASSY W/DECAL (AUSTRALIA) AUS	1
D-	101988GT	PLAT ASSY W/DECAL (ASIA/S.AMER Asia and S. America	1
E-	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
1	824225GT	SCREW,FHPM,10-32X.75,ZAG	2
2	824032GT	NUT, TL FLG, 10-32, F, ZAG	2
3A	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, DEUTSCH, DT, ENDCAP	1
4-	33576GT	CONN,SQZ,1/2NPT,.170-.450	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	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
7	56465PGT	FLOORING,PLATFORM 46X30,PAINT	1
8	56656PGT	PLATFORM STEP * PAINTED option	1
9	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
10	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
11A	62508GT	DECAL PLATE W/D,PLAT,Z30/34** ANSI/CSA; includes item 27	1
11B	62516GT	DECAL PLATE W/D,PLAT,Z30/34** CE; includes item 27	1

601.1 Platform



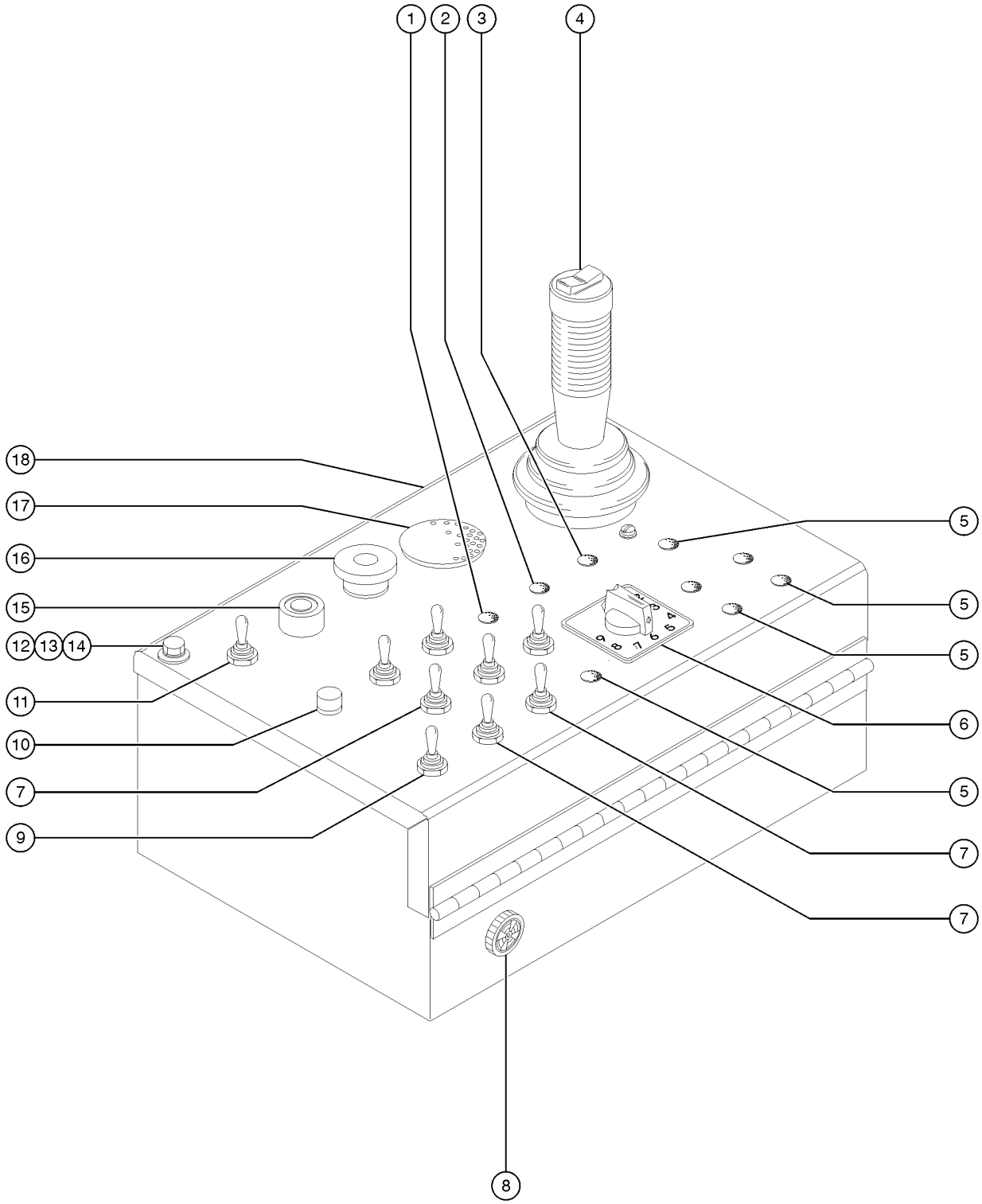
Item	Part No.	Description	Qty.
11C	101980GT	DECAL PLATE ASSY,W/SYM DECALS CE, Asia and S. America; includes item 27	1
11D	231204GT	ASSY,DECAL PLATE, Z30 AUS AUS; includes item 27	1
12	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	
13	10777GT	COVER,BLANK	1
14	13585GT	OUTLET, 110V ANSI/CSA	1
15	33759GT	SCREW,PHILLIPS,PHM,8-32X.375	2
16	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1
17	824214GT	SCREW,PHPM,6-32X.50,ZAG	2
18	T112561GT	PLATE,UK,POWER TO PLAT	1
19	66356GT	GASKET, UK RECEPTACLE	1
20	T112560GT	RECEPTACLE,UK,110V is included with kit T112563GT	1
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,SQUEEZE,1/2NPT .38-.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	
27A	44743GT	MANUAL BOX W/DECALS*** USA/Canada/Australia	1
27B	24514GT	BOX, INSTRUCTION STORAGE** Europe/Asia/South America (decal required; refer to Section100)	
28	102992GT	SLIDING MIDRAIL KIT,PTD	1
29	1299159GT	ASSY,4 FT SMALL PLATFORM,NO DECALS	1
29-	1299160GT	WELDMENT,4 FT SMALL PLATFORM	
29B	101982GT	PLAT RAIL ASSY, 4' CE railings only; no control box, flooring or decal plate	1
29C	101983GT	PLAT RAIL ASSY 4' AUS railings only; no control box, flooring or decal plate	1
29D	101984GT	PLAT RAIL ASSY 4' ASIA/S.AMER railings only; no control box, flooring or decal plate	1
30	128667GT	BRACKET, CABLE STRAIN RELIEF	1
31	128668GT	CLAMP,CABLE STRAIN RELIEF	1
32	128669GT	BACKING PLATE, PLATFORM CLAMP	1

601.1 Platform



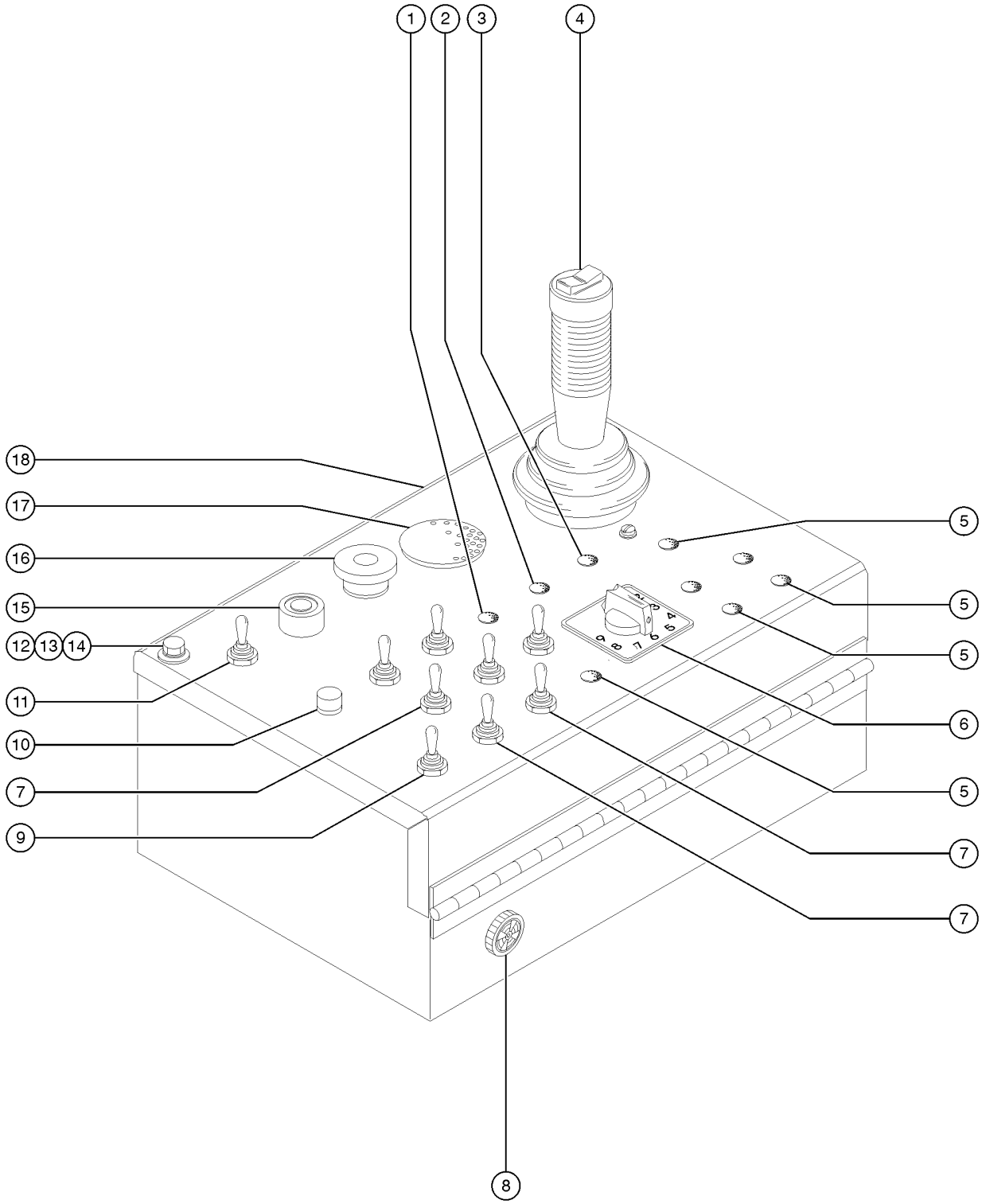
Item	*Part No.*	*Description*	*Qty.*
33	824081GT	SCREW, HHF, 1/4-20 X 1.5, 8, ZAG	
34	56500-SGT	WELDMENT,PLATFORM SUPPORT*** refer to 905.1 for Platform Overload option	1
35		Ref. Platform Control Box (refer to 602.1 and 603.1) refer to 603.1 Platform Controls	

602.1 Platform Controls - External View



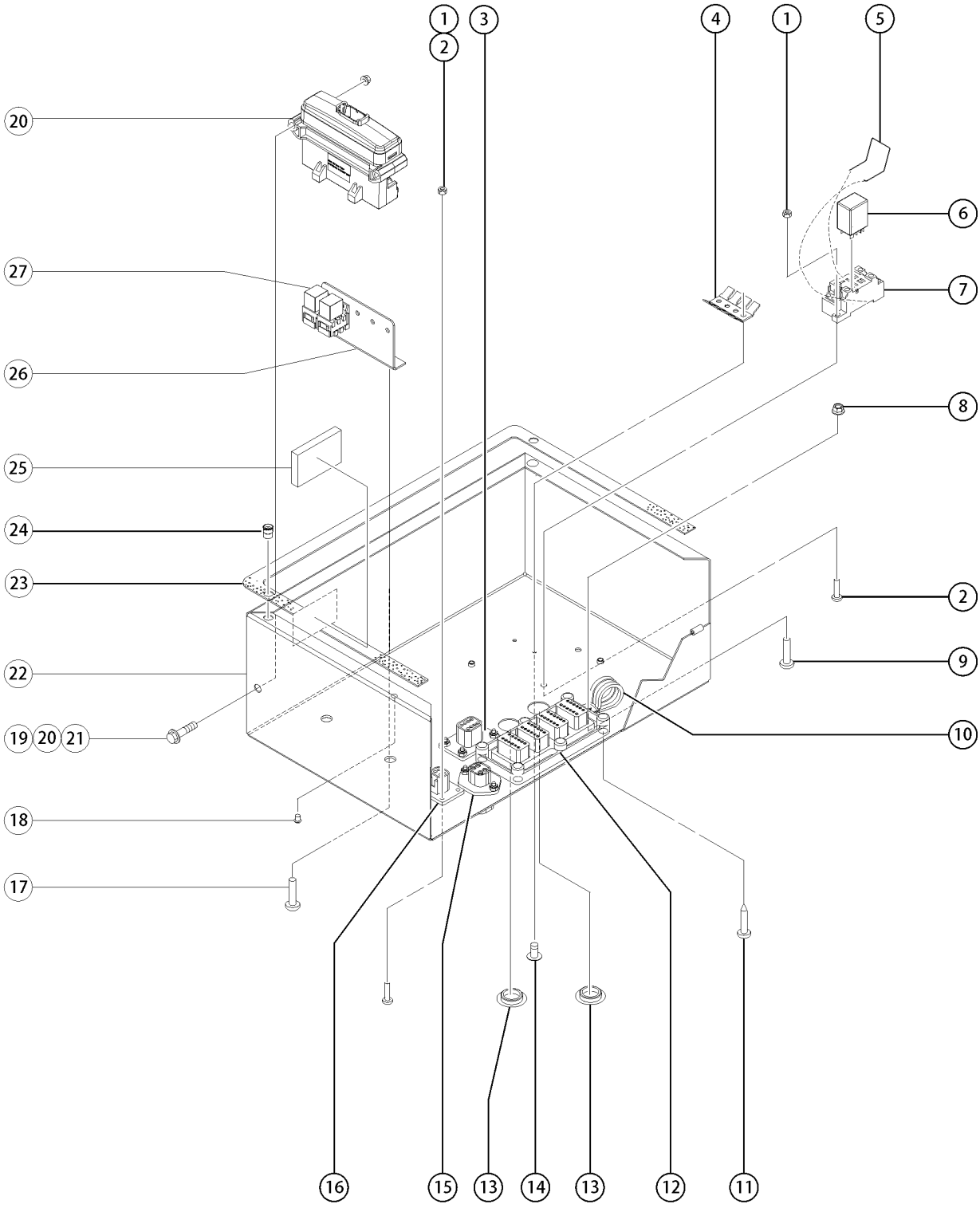
Item	Part No.	Description	Qty.
1A	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
1B	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM option, jib boom rotate switch	1
2A	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
2B	824878GT	LIGHT,LED IND. RED 24V NH option, machine not level indicator light	
3A	229567GT	PLUG,SANTOPRENE .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 refer to 605.1	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*** nut ring not included	1
8-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
9	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM drive enable switch	1
10	824878GT	LIGHT,LED IND. RED 24V NH drive enable indicator light	1
11	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM auxiliary power switch	1
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 refer to 903.1 for battery charge indicator option	1

602.1 Platform Controls - External View



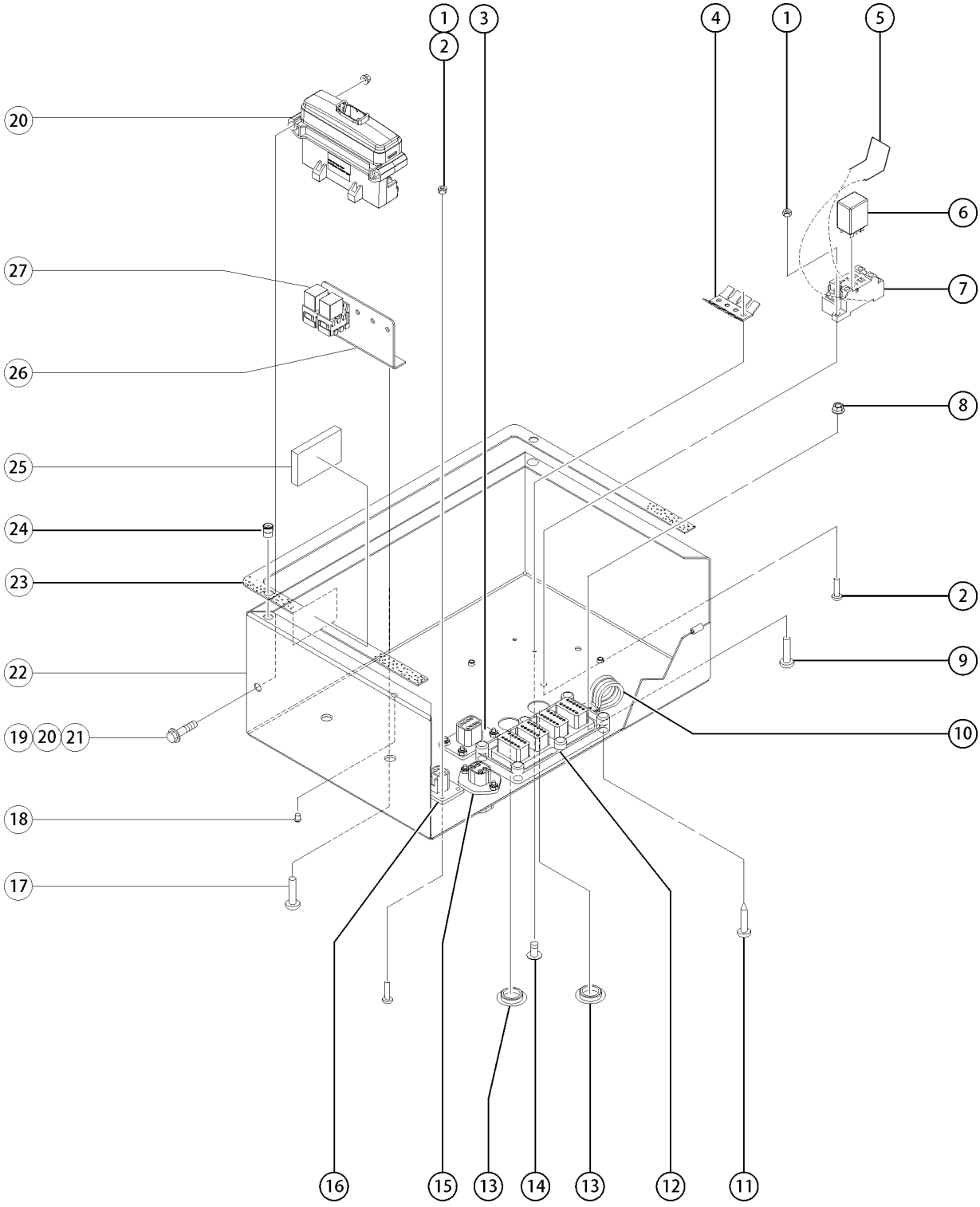
Item	*Part No.*	*Description*	*Qty.*
18		ref. Platform Control Box refer to 603.1	

603.1 Platform Controls - Internal View



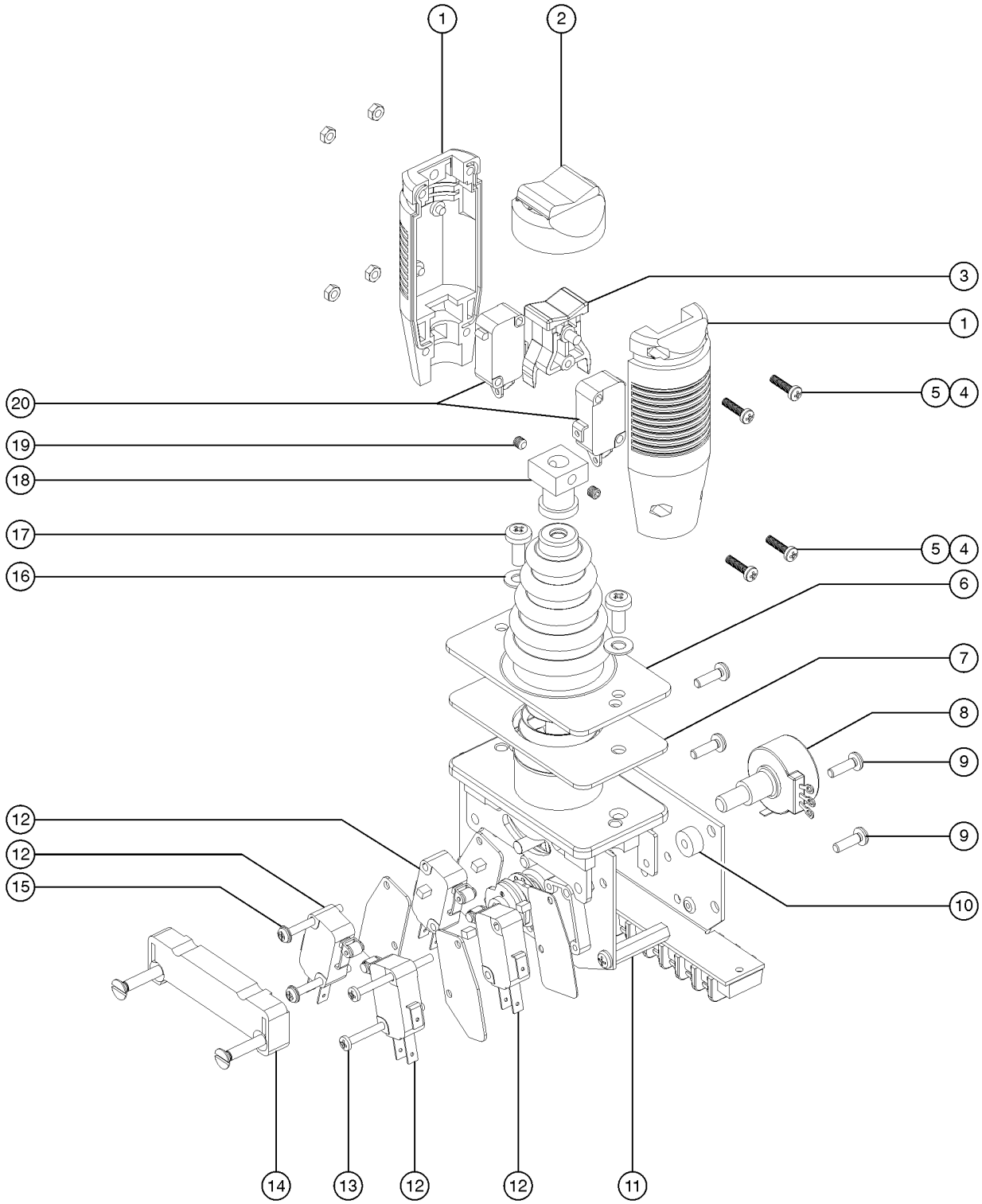
Item	Part No.	Description	Qty.
A-	147253GT	TIME DELAY RELAY,2 SEC,24VDC	
B-	147389GT	HARNESS, LOAD SENSE, Z30/34DC	
1	824019GT	NUT, TL, 6-32, A, ZAG	
2	824214GT	SCREW,PHPM,6-32X.50,ZAG	1
3	87755GT	CONN, RECEP, 8 WAY, DEUTSCH, DT, GRAY/FLANGE	1
4	56663GT	TERMINAL STRIP	
5	42617GT	CLIP,SPRING,POTTER BRUMFIELD	1
6	823226GT	POWER RELAY, 24V COIL for drive light option	1
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
10A	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH to SN 16278	1
10B	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH from SN 16279	1
11	824226GT	SCREW,PHPSH,#12-11X.75,ZAG	
12A	73736GT	CONN,RECEP 48 WAY,4 X 12 connects to 18/19 cable harnesses; refer to 306.1	1
12B	54255GT	LOCK, RECEP 12WAY, 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
15A	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE connects to 12/3 cable harness; refer to 306.1	1
15B	60526GT	LOCK,RECEP 4 WAY,12-14GA	
15C	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
16A	73723GT	CONN RECEPT,FLANGED connects to foot switch harness; refer to 601.1	1
16B	54259GT	TERM,NI PIN, 14-16GA,BULK	
16C	60443GT	LOCK, RECEP 4WAY, 14-18GA	
17A	21858GT	PLUG,NYLON .38 BLACK DOMED ANSI models	2
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



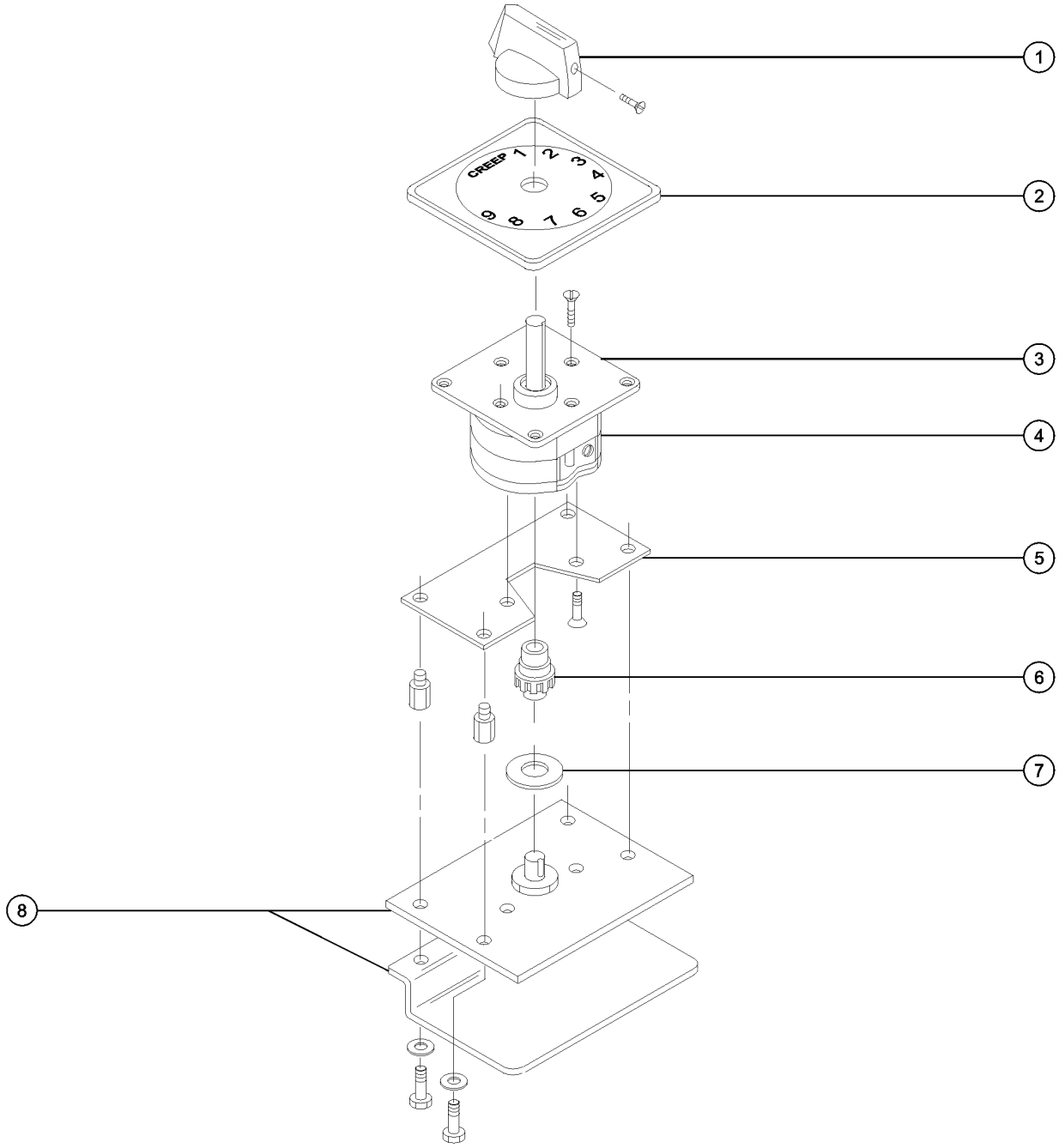
Item	Part No.	Description	Qty.
19	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	2
20		Ref. MODULE, PLUS+1, OPA2 refer to 813.2 Lift Guard Contact Alarm	
21	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	2
22	110649GT	PLATFORM CONTROL BOX W/DECAL enclosure/lid only; includes items 1, 2 and 21	1
23	23404GT	NUTSERT,1/4-20,STEEL 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



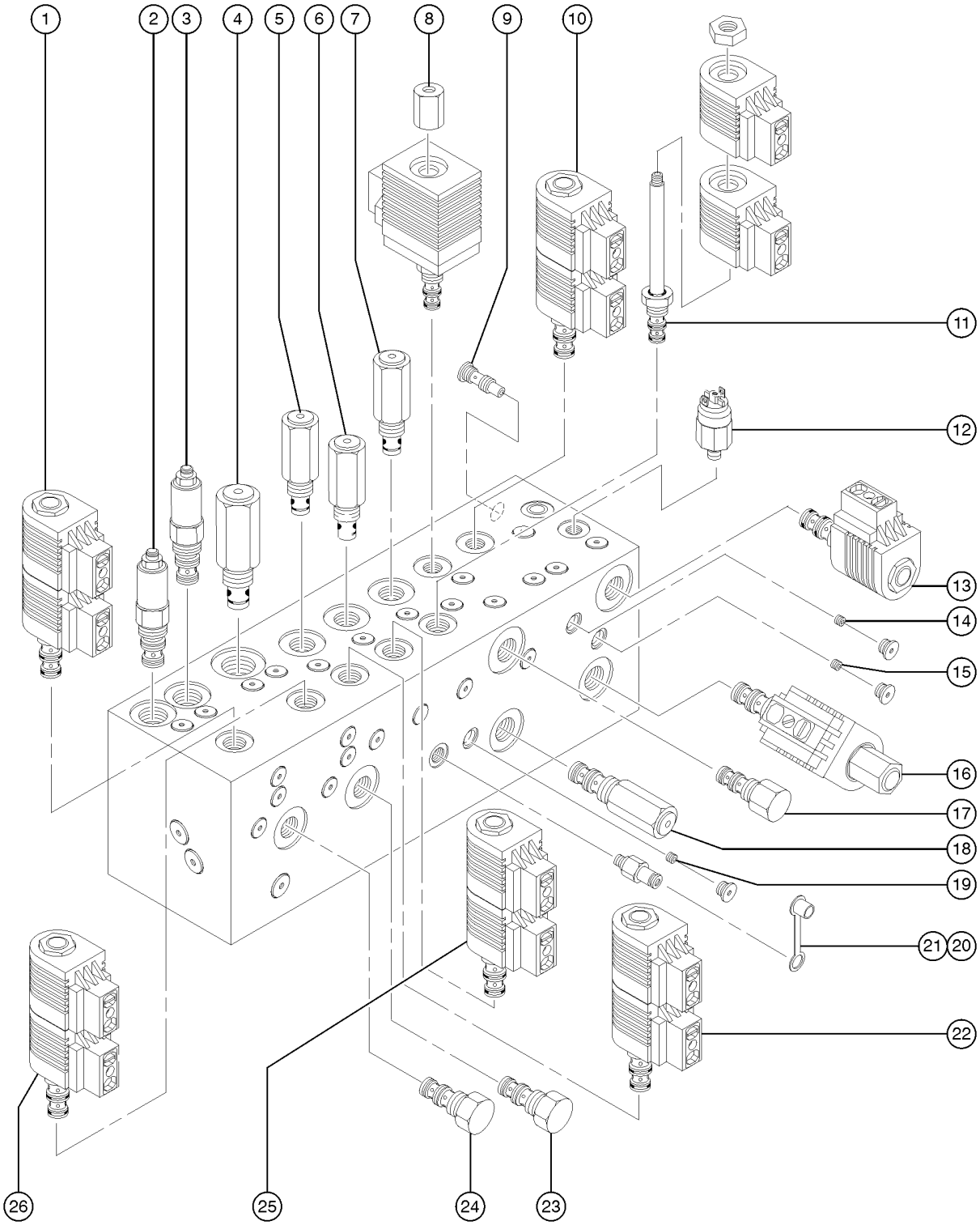
Item	Part No.	Description	Qty.
	234923GT	JOYSTICK,5K-0 OHM,W/RELAY	1
1	1323938GT	KIT, JOYSTICK GRIP/HANDLE	2
2	43038GT	BOOT-THUMB ROCKER** BLACK	1
3	65178GT	ROCKER ASSY W/ROLLPIN*** black plastic	1
4	52895GT	SCREW,PHM,M3 X .5 X 12MM	4
5	52928GT	NUT-HEX,3M X 0.5MM	4
6	21427GT	BOOT,CONTROLLER**	1
7	43042GT	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



Item	Part No.	Description	Qty.
	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

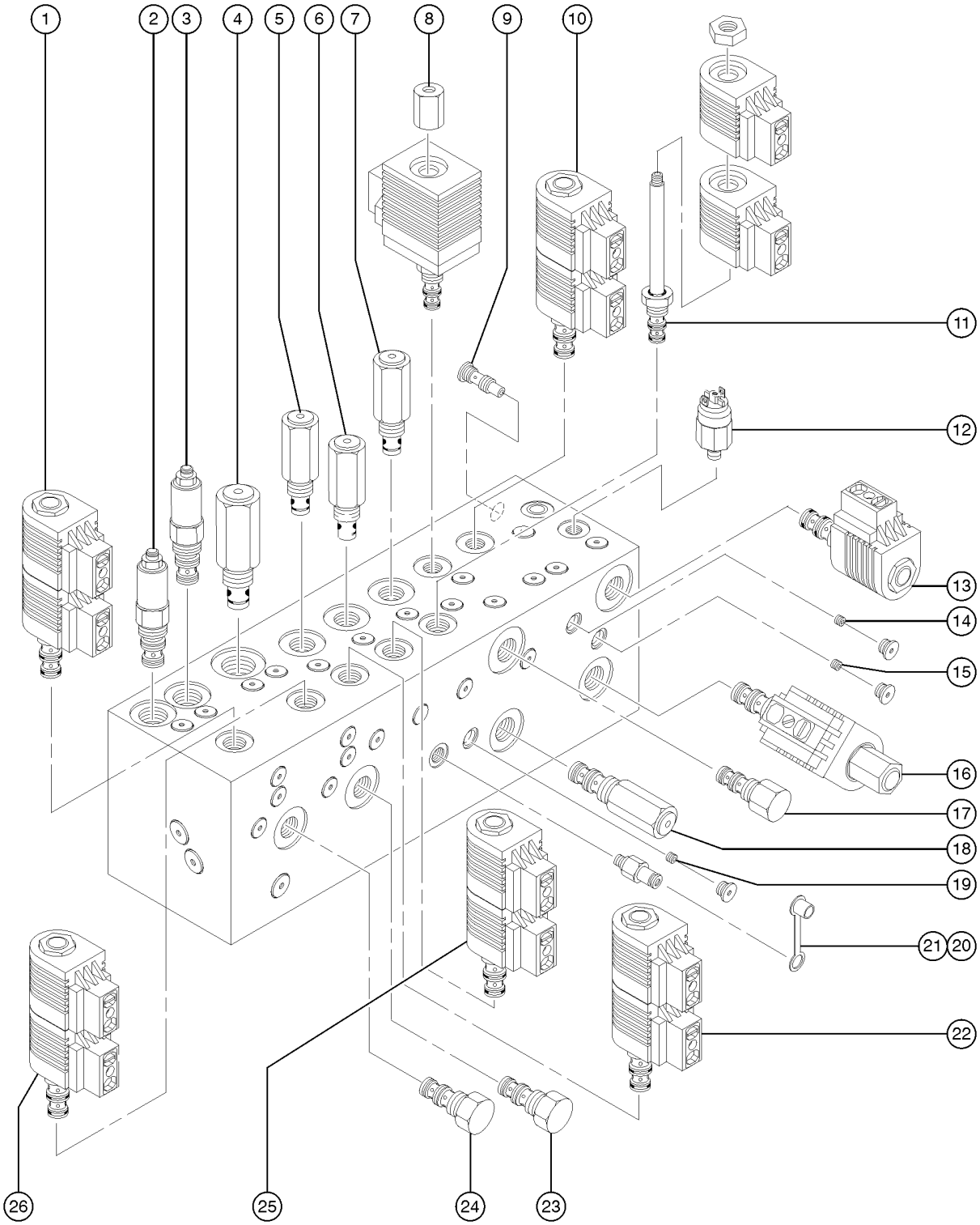
701.1 Function Manifold



701.1 Function Manifold

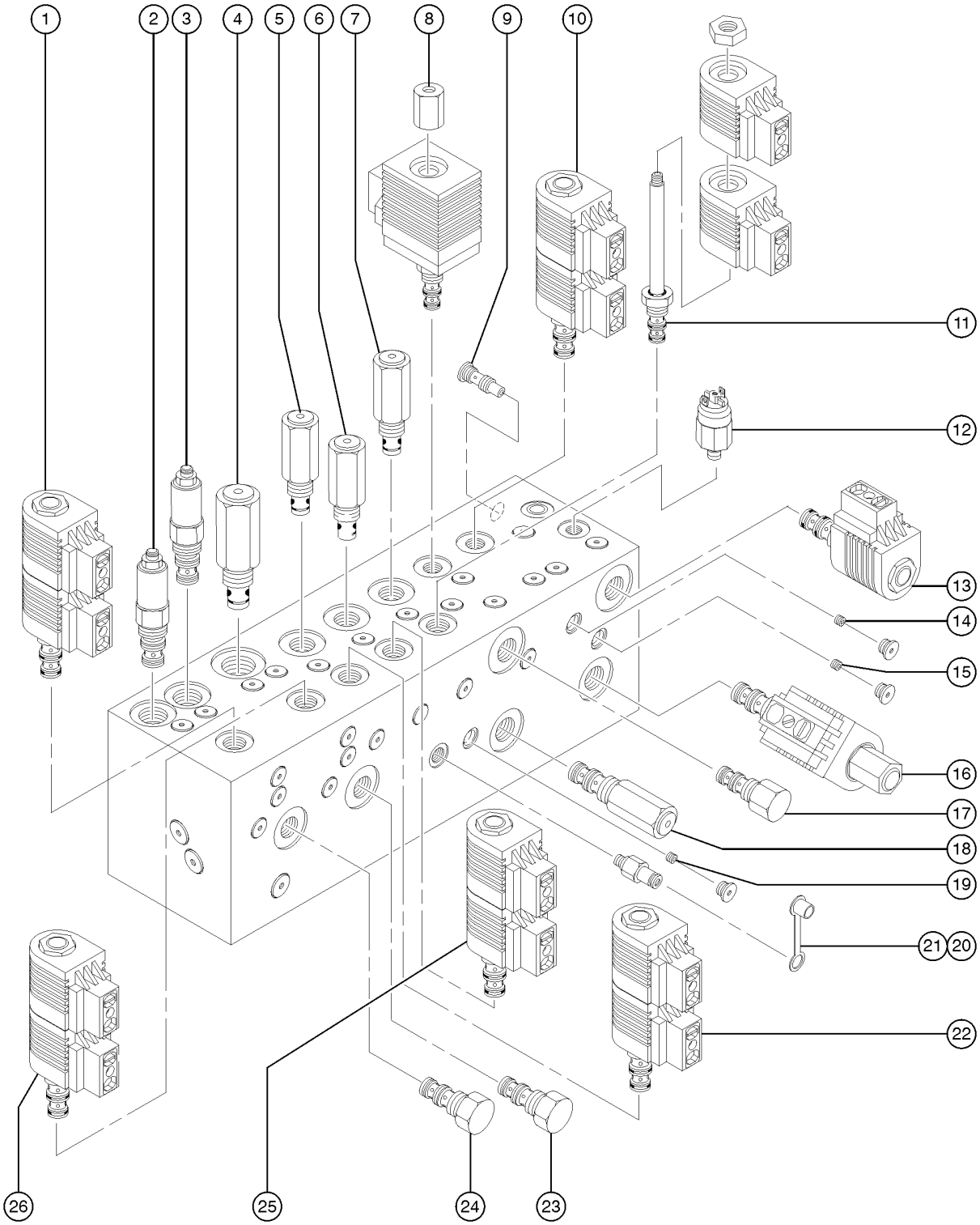
Item	Part No.	Description	Qty.
A-	128444GT	MANIFOLD,FUNC,Z30N/Z34DC/BE complete manifold; models without a rotating jib (Z-30 N to Z30NF-22335, Z-30 NRJ to Z30NF-22375)	1
A2	1295166GT	MANIFOLD,FUNC,Z30N/Z34DC/BE W/ DT CONN complete manifold; models without a rotating jib (Z-30 N from Z30NF-22336, Z-30 NRJ from Z30NF-22376)	
B-	128443GT	MANIFOLD,FUNC,Z30NRJ complete manifold; models with a rotating jib (Z-30 N to Z30NF-22335, Z-30 NRJ to Z30NF-22375)	
B2	1295165GT	MANIFOLD,FUNC,Z30NRJ W/ DT CONN complete manifold; models with a rotating jib (Z-30 N from Z30NF-22336, Z-30 NRJ from Z30NF-22376)	
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	1
1-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
1-	52943GT	NUT, SOLENOID VALVE COIL	
1-	72047GT	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	
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	

701.1 Function Manifold

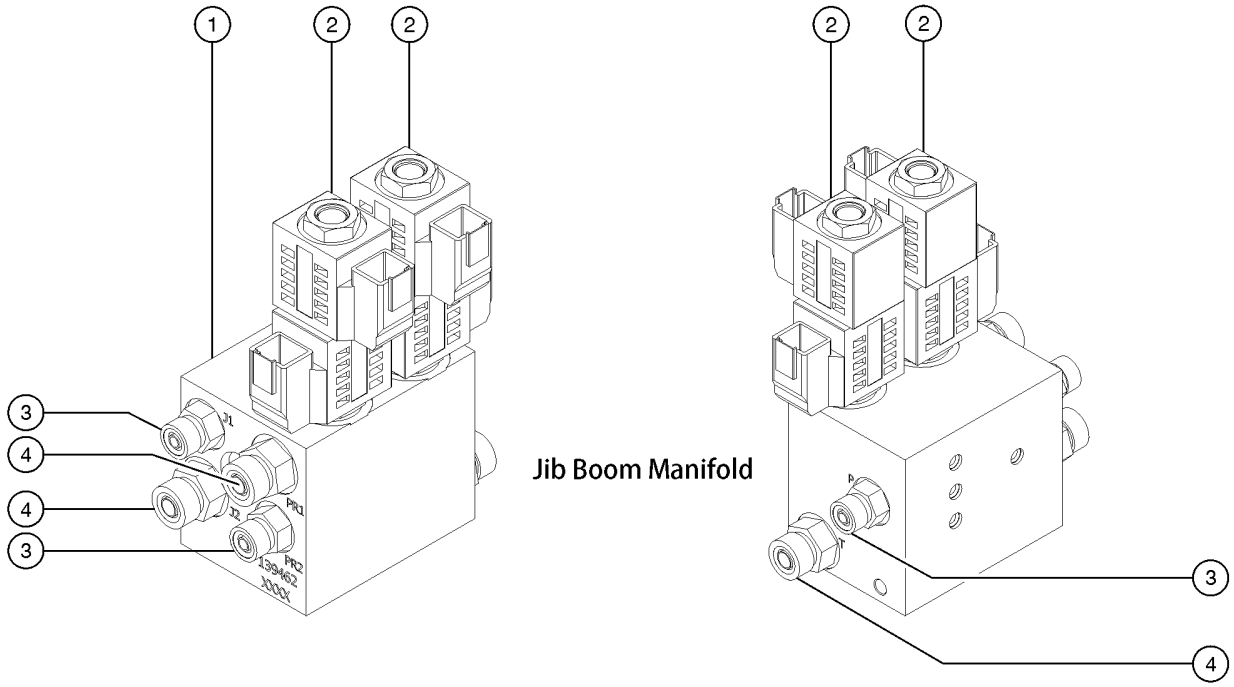


Item	Part No.	Description	Qty.
8	40410GT	VALVE,PROPORTIONAL** ..... system flow regulating unit	1
8-	29032GT	COIL,24V SOLENOID VALVE	
8-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
8-	89310GT	SEAL KIT, SOLENOID VALVE	
9	43599GT	VALVE,CHECK ..... brake circuit	1
9-	110200GT	SEAL KIT, VALVE, #4	
10	52885GT	VALVE,SOLENOID,3POS 4WAY ..... steer left/right	1
10-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
10-	52943GT	NUT, SOLENOID VALVE COIL	
10-	72047GT	SEAL KIT, SOLENOID VALVE	
11	52599GT	VALVE,SOLENOID,3POS/4WAY* ..... primary boom extend/retract	1
11-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
11-	52943GT	NUT, SOLENOID VALVE COIL	
11-	72047GT	SEAL KIT, SOLENOID VALVE	
12	1287986GT	SWITCH,PRESS,#6SAE,600 PSI ..... pressure switch; brake circuit	1
13	45544GT	VALVE SOLENOID ..... brake circuit	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	
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	1
16-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
16-	45912GT	NUT,SOLENOID VALVE 2P3W	
16-	74902GT	SEAL KIT, VALVE	
17	74425GT	VALVE,DIFF.SENSE*** ..... differential sensing circuit	1
17-	110197GT	SEAL KIT, VALVE, #10	

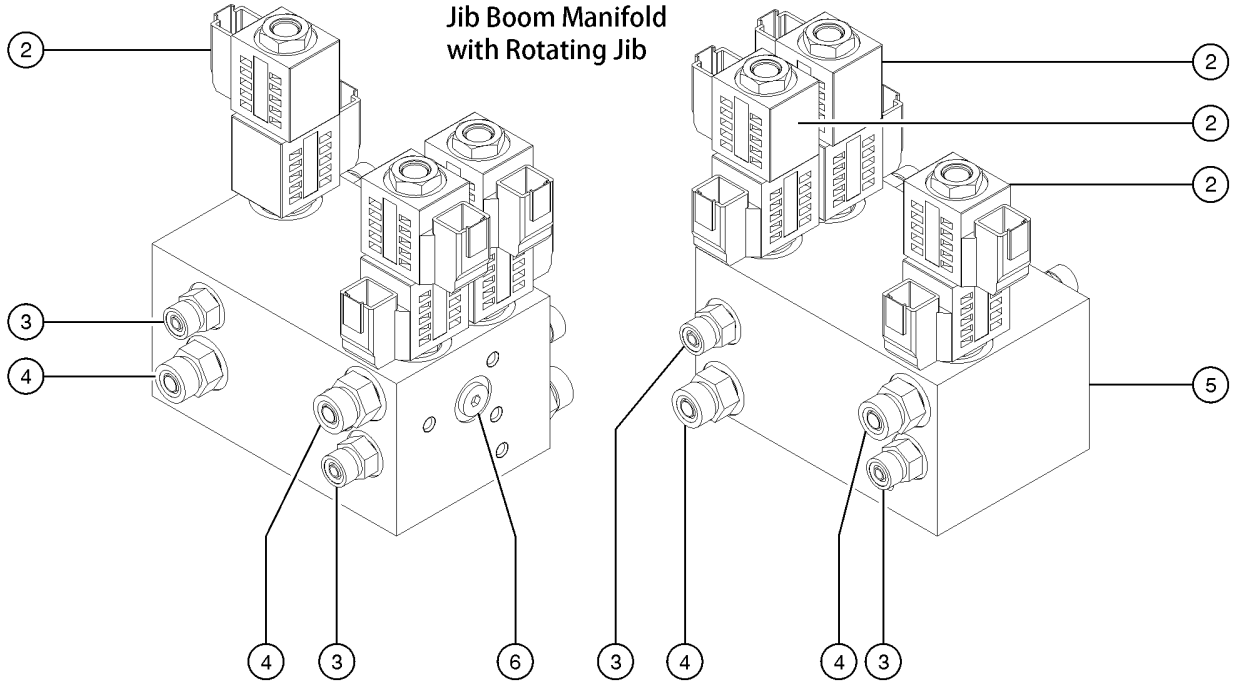
701.1 Function Manifold



Item	Part No.	Description	Qty.
18	52715GT	VALVE,RELIEF 3200 PSI system relief	1
18-	74902GT	SEAL KIT, VALVE	
19	94019GT	ORIFICE, 0.035" (74512,74966) tank return circuit	
20	48880GT	CAP,DIAGNOSTIC NIPPLE	1
21A	48997GT	NIPPLE,DIAGNOSTIC,#4 testing	1
21B	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
22	52599GT	VALVE,SOLENOID,3POS/4WAY* secondary boom up/down	1
22-	40413GT	COIL,SOLND,W/D,20V SGL SPADE single spade	
22-	52943GT	NUT, SOLENOID VALVE COIL	
22-	72047GT	SEAL KIT, SOLENOID VALVE	
23	19470GT	VALVE,FLOW REGULATOR turntable rotate circuit	1
24	52598GT	VALVE,FLOW REGULATOR .8 GPM jib boom/platform rotate circuit	1
25	52599GT	VALVE,SOLENOID,3POS/4WAY* primary boom up/down	1
25-	40413GT	COIL,SOLND,W/D,20V SGL SPADE single spade	
25-	52943GT	NUT, SOLENOID VALVE COIL	
25-	72047GT	SEAL KIT, SOLENOID VALVE	
26	52885GT	VALVE,SOLENOID,3POS 4WAY turntable rotate left/right	1
26-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
26-	52943GT	NUT, SOLENOID VALVE COIL	
26-	72047GT	SEAL KIT, SOLENOID VALVE	

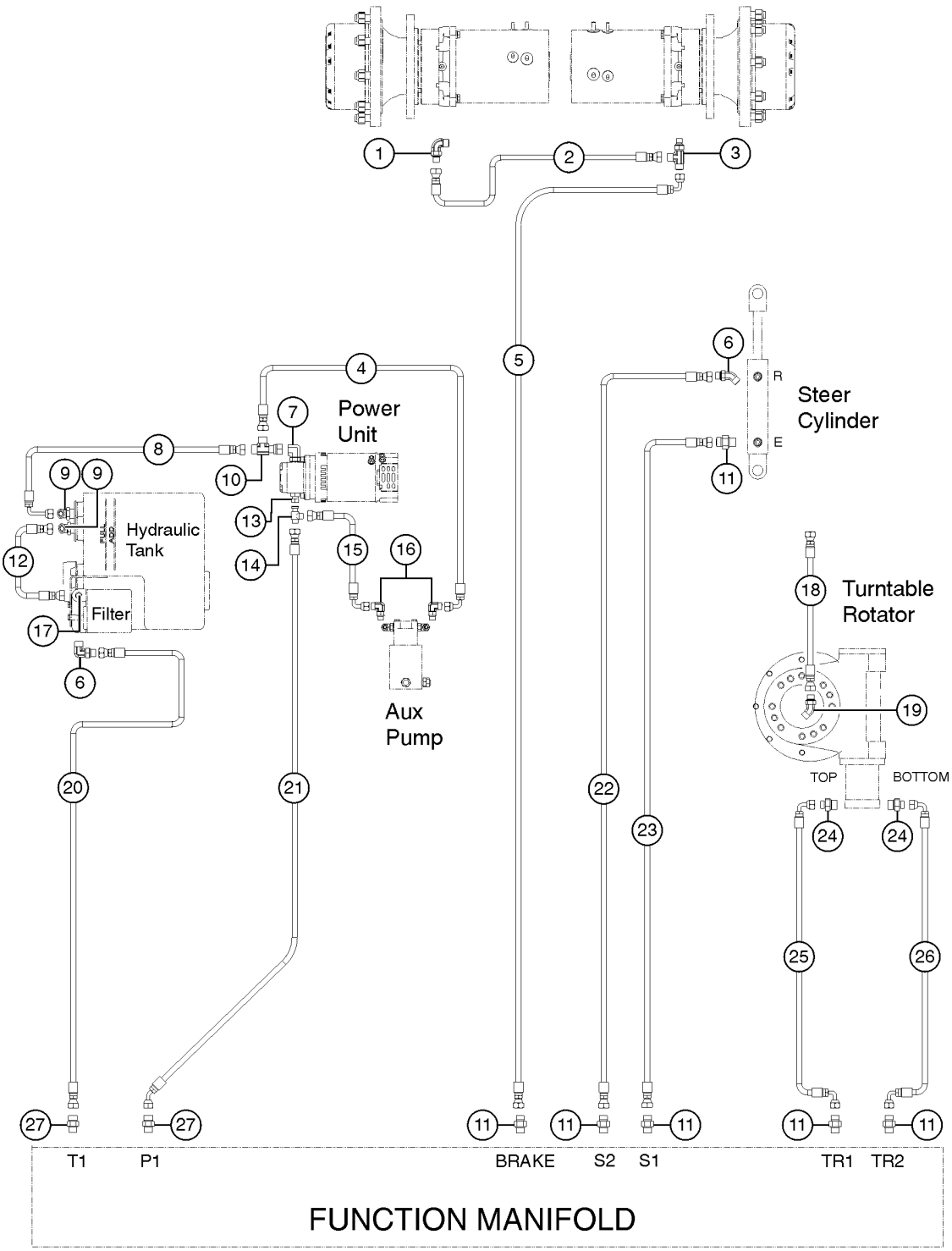


Jib Boom Manifold

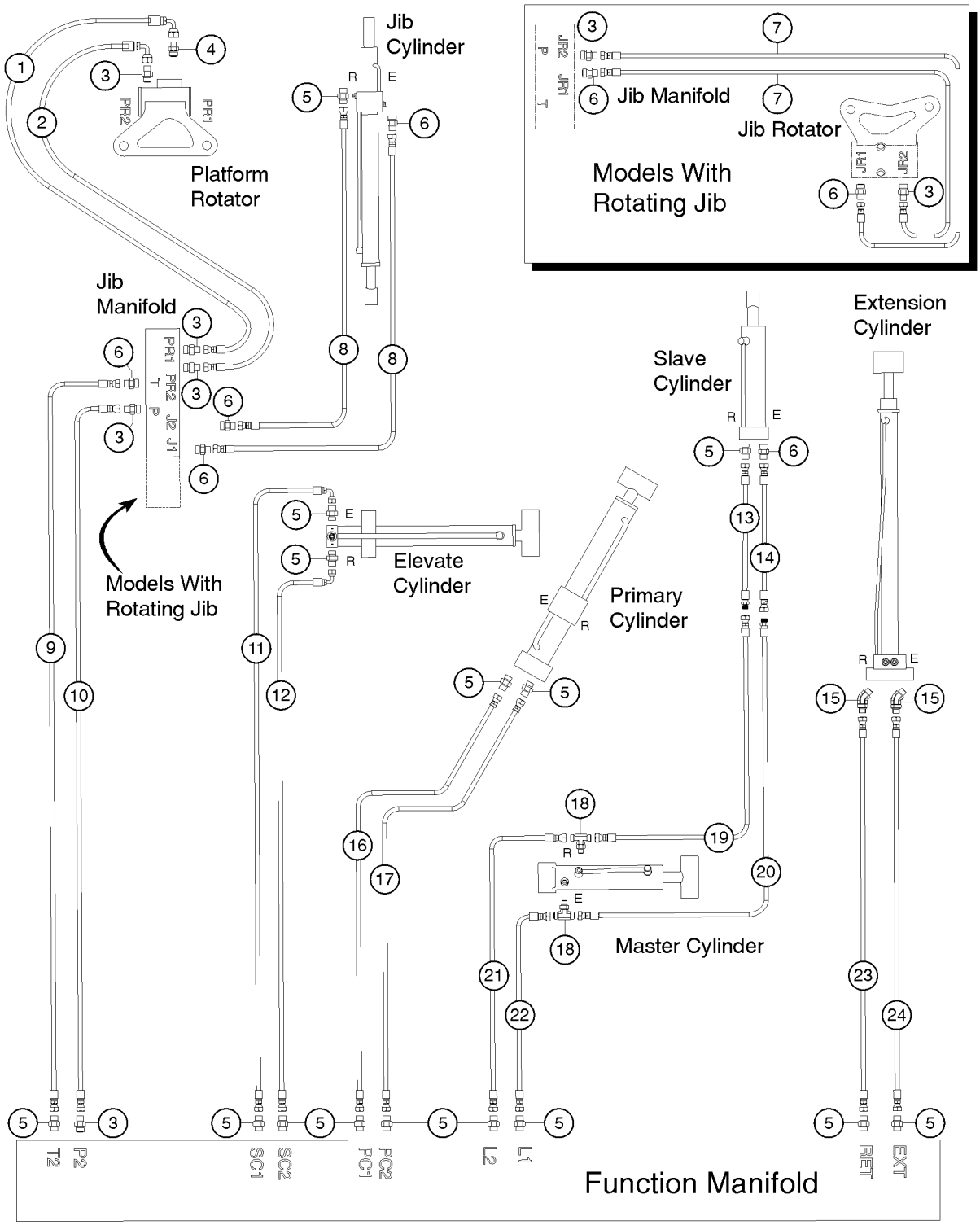


Jib Boom Manifold with Rotating Jib

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	CONNECTOR, 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

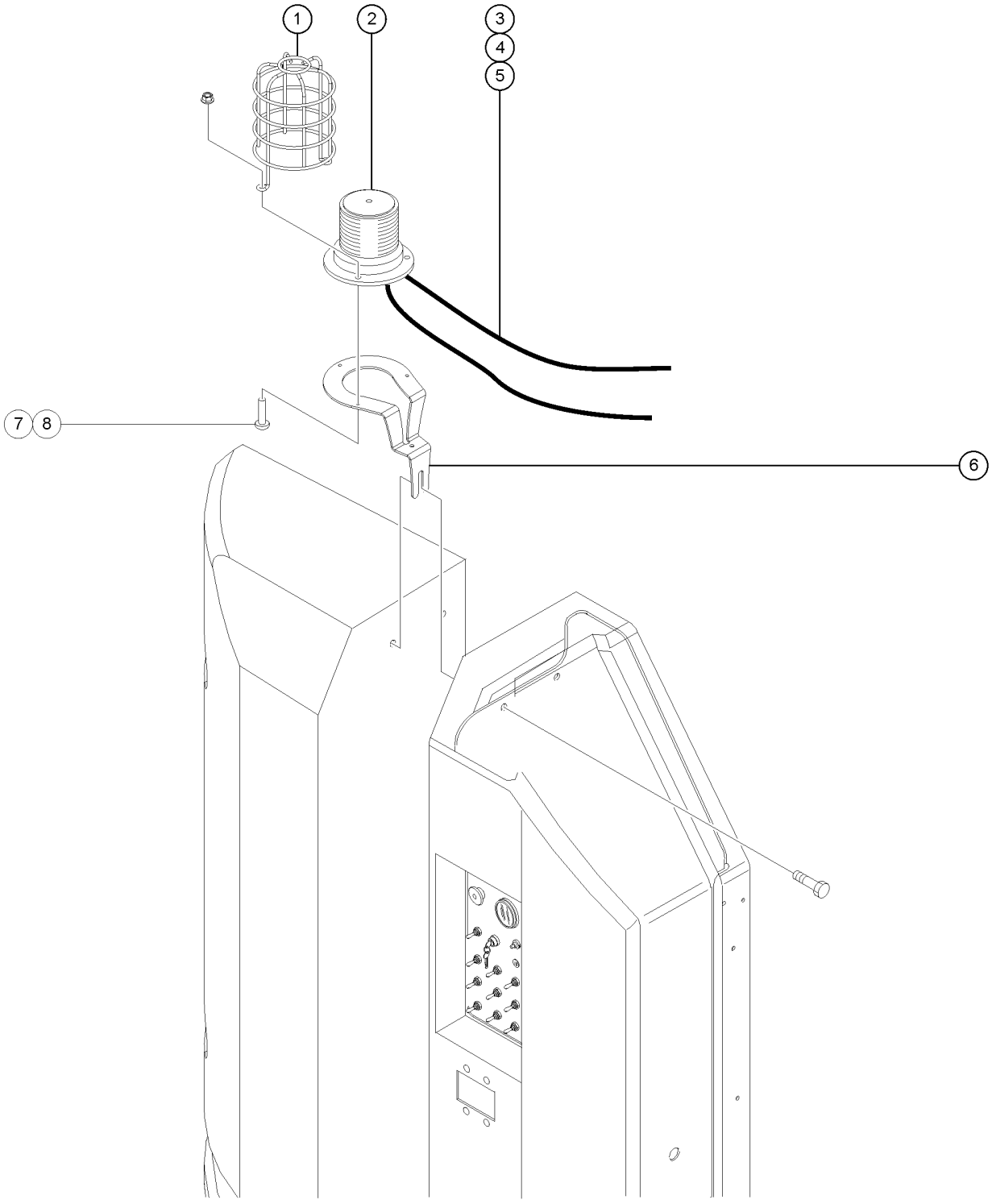

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Steer
Cylinder
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Power
Unit
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Hydraulic
Tank
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Filter
6
Aux
Pump
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Turntable
Rotator
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TOP
BOTTOM
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T1
P1
BRAKE
S2
S1
TR1
TR2
FUNCTION MANIFOLD

Item	Part No.	Description	Qty.
1	48904GT	ELBOW, 90D, 520220-4	1
2	49119-2000GT	HOSE ASSY,1/4",20.00 #4 ORFS	1
3	48906GT	TEE,RUN,520428-4	1
4	1290345-2025GT	HOSE ASSY,3/8",20.25" #6 ORFS and #8 ORFS elbow	1
5	49117-7750GT	HOSE ASSY,1/4".77.50 yellow/white; #4 ORFS	1
6	48937GT	ELBOW,45D,520320-8	1
7	139877GT	ELBOW,90D,520220-8-10	1
8	1290352-2150GT	HOSE ASSY, 1/2", 21.50" #8 ORFS	1
9	128811GT	ELBOW,90D,520201-8	2
10	48938GT	FITTING,TEE,RUN,SWIVEL520432-8	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 #6 ORFS	1
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 #8 ORFS	1
21	101929-4600GT	HOSE ASSY,3/8",46.00 green/red; #6 ORFS	1
22	49119-6925GT	ASSY, HOSE, HYD, -4, 3250, STR, STR white; #4 ORFS	1
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 white/red; #6 ORFS elbow and #4 ORFS elbow	1
26	1291264-1700GT	HOSE ASSY, 1/4", 17.00 purple; #6 ORFS elbow and #4 ORFS elbow	1
27	48916GT	CONN, 520120-6	2


Jib Cylinder
Platform Rotator
Jib Manifold
Models With Rotating Jib
Elevate Cylinder
Primary Cylinder
Slave Cylinder
Extension Cylinder
Master Cylinder
Function Manifold
Jib Manifold
Jib Rotator
Models With Rotating Jib
PR1
PR2
T
P
JR2
JR1
T2
P2
SC1
SC2
PC1
PC2
L2
L1
RET
EXT

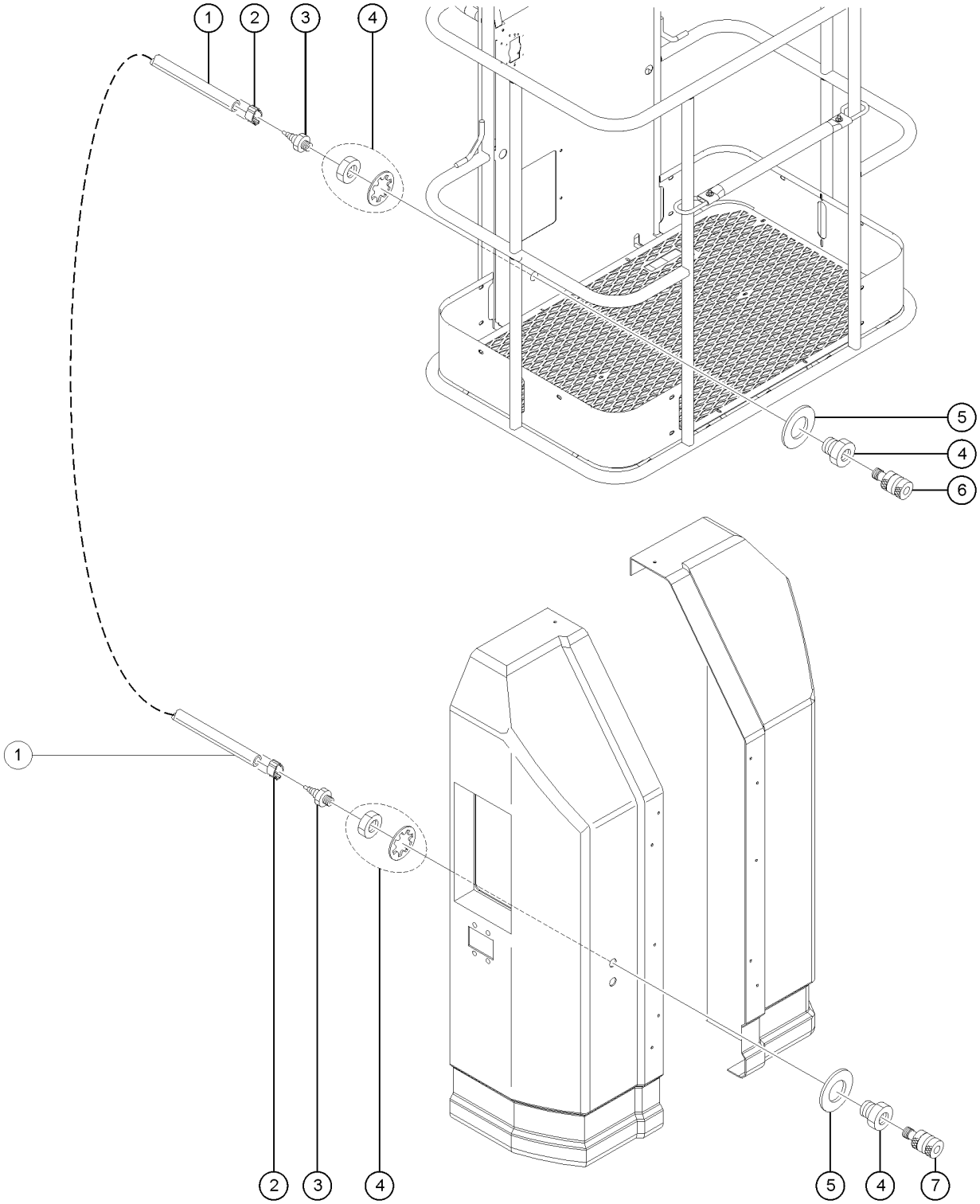
Item	Part No.	Description	Qty.
-	107935G	KIT, SWING HOSE CLAMP, FIELD refer to 402.1 or 505.1	
1	49114-4650GT	HOSE ASSY, 1/4", 46.50 #6 ORFS elbow and #6 ORFS	1
2	49117-4650GT	HOSE ASSY,1/4".46.50 #4 ORFS elbow and #4 ORFS	1
3	48905GT	CONNECTOR, 520120-4	
4	48927GT	CONN,520120-6-4	
5	48912GT	CONN,520120-4-6***	
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	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	CONNECTOR, 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



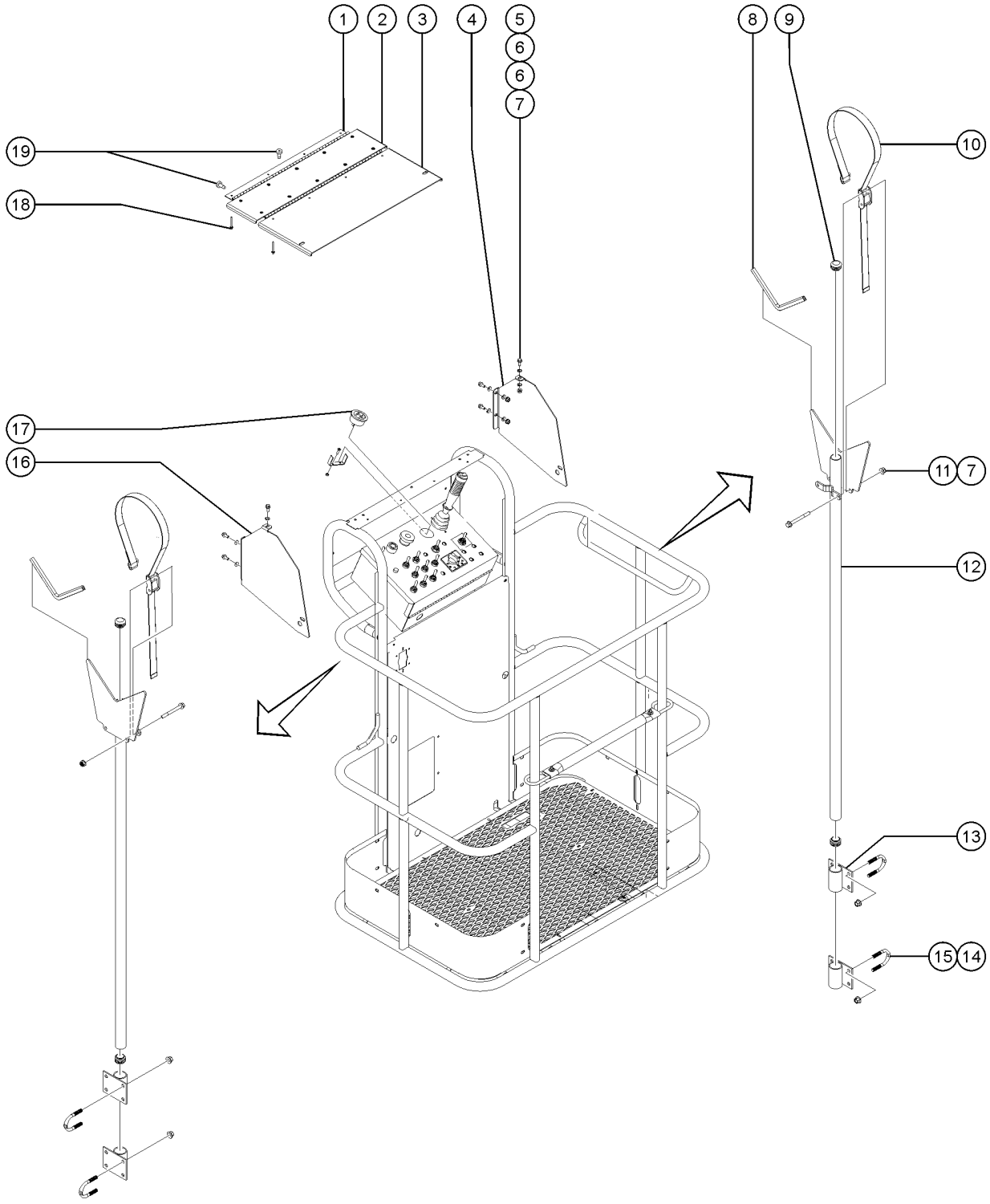
Item	Part No.	Description	Qty.
1	230645GT	GUARD,BEACON,NARROW EE rated models only	1
2A	56704GT	STROBE,FIREBOLT,12-80VDC,AMB**	1
2A-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
2A-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
2A-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
2B	231931GT	STROBE, BEACON, AC COMP, 12-80V EE rated models only	1
2B-	105556GT	REPLACE COVER,FLASHING BEACON for 231931	
2B-	105557GT	REPLACE BULB,FLASHING BEACON for 231931	
3	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	62 inches
4	13825GT	TERMINAL,COUPLER,MALE,14-16GA	4
5	40609GT	TERMINAL,FEMALE COUPLER,BLUE	2
6	56289-SGT	BRACKET,BEACON LIGHT	1
7A	824215GT	SCREW, PHPM, 10-32 X .75, ZAG to SN Z30F-18972	3
7B	826516GT	SCREW, PHPM, 10-32 X 1.0, ZAG from SN Z30F-18973	3
8A	824032GT	NUT, TL FLG, 10-32, F, ZAG to SN Z30F-18972	3
8B	1264261GT	NUT,SERRATED,10-32,ZAG from SN Z30F-18973	3

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 inches
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 110 PSI not shown	2
12	6578GT	CABLE TIE,7 3/8" not shown	20

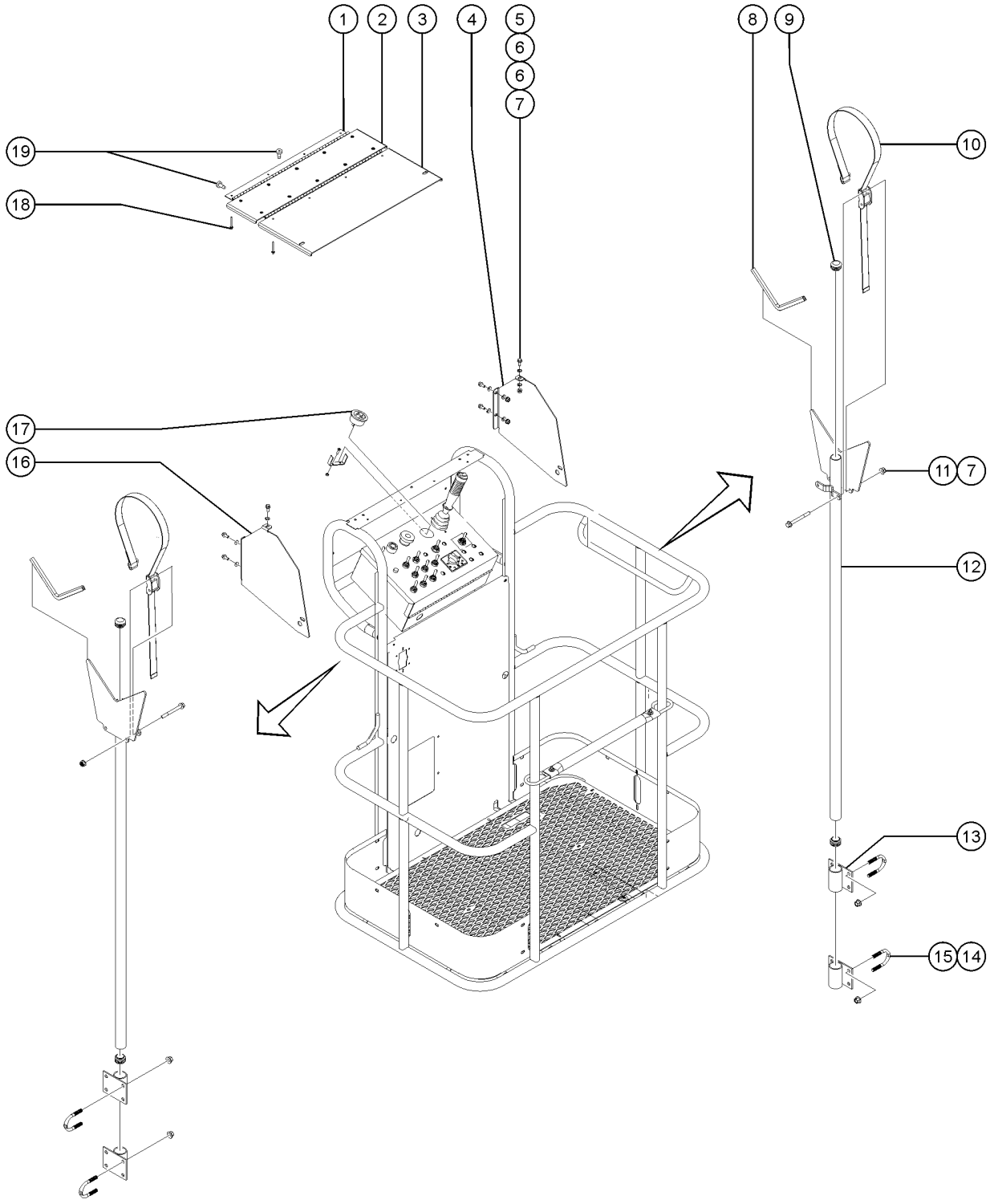
903.1 Platform Options - View 1



903.1 Platform Options - View 1

Item	Part No.	Description	Qty.
A	85300GT	PIPE CRADLE ASSY. SERV (ONE)** (ANSI & CE only) (This is a single assembly. Qty 2 of 85300GT required to complete a set)	
A-	65630GT	INSTRUCTIONS-PIPE CRADLE,BOOMS	
B	101649GT	OPTION,CONTROL BOX COVER includes items 1-7, 8 and 12	
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	14
8	19018-1100GT	TRIMLOCK,BLACK,5/32"	2
9	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
10	56570GT	STRAP, CONDUIT HOLDER 60"***	2
11	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
12	56525GT	WELDMENT, PIPE CRADLE	2
13	81368GT	WELDMENT,PIPE CRADLE MOUNT	4
14	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	8
15	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	16
16	101677GT	CONTROL BOX COVER, LH	1
17A	23869GT	BATT. CHARGE INDICATOR,ACCES**	1
17A-	13097GT	FUSE,10 AMP	1
17A-	23083-SGT	FUSE HOLDER,WATERPROOF	1
17A-	237145GT	IND,BAT CHARGE,48V LEAD-ACID spade connectors; includes mounting bracket and fasteners	1
17B	110651GT	LVI/BCI 36/48 VOLT ENGAGE II molex connector; low voltage interrupt and battery charge indicator	1
17B-		LVI/BCI Harness ref. 306.1 Wire Harness Diagram	1
17B-	110652GT	GASKET LVI/BCI ENGAGE II sold separately	1
17B-	110653GT	BRACKET ENGAGE II	1
18	87085GT	RIVET,ALUM,P,.188 X .25	18

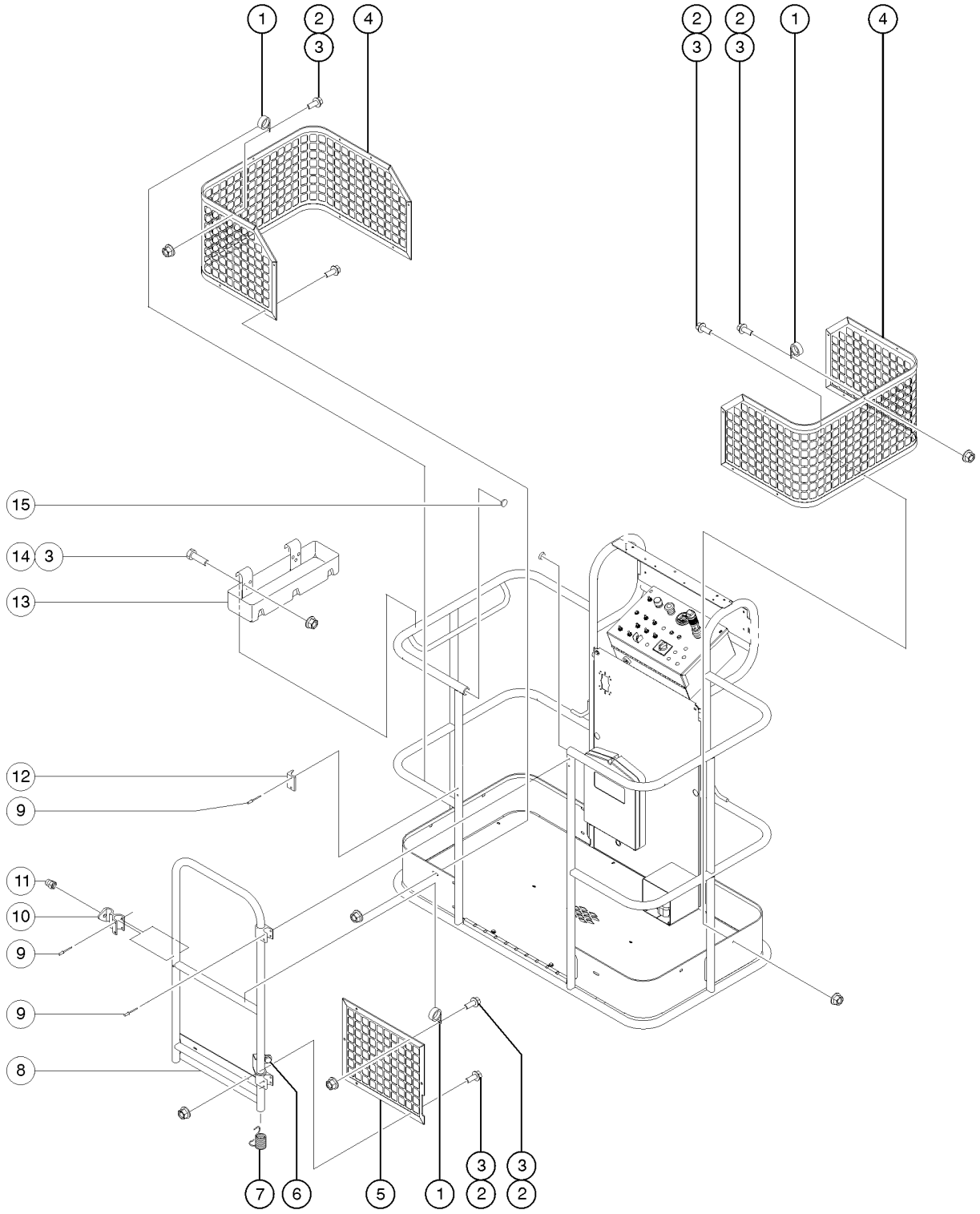
903.1 Platform Options - View 1



903.1 Platform Options - View 1

Item	Part No.	Description	Qty.
19	34619GT	BUMPER,RUBBER***	6

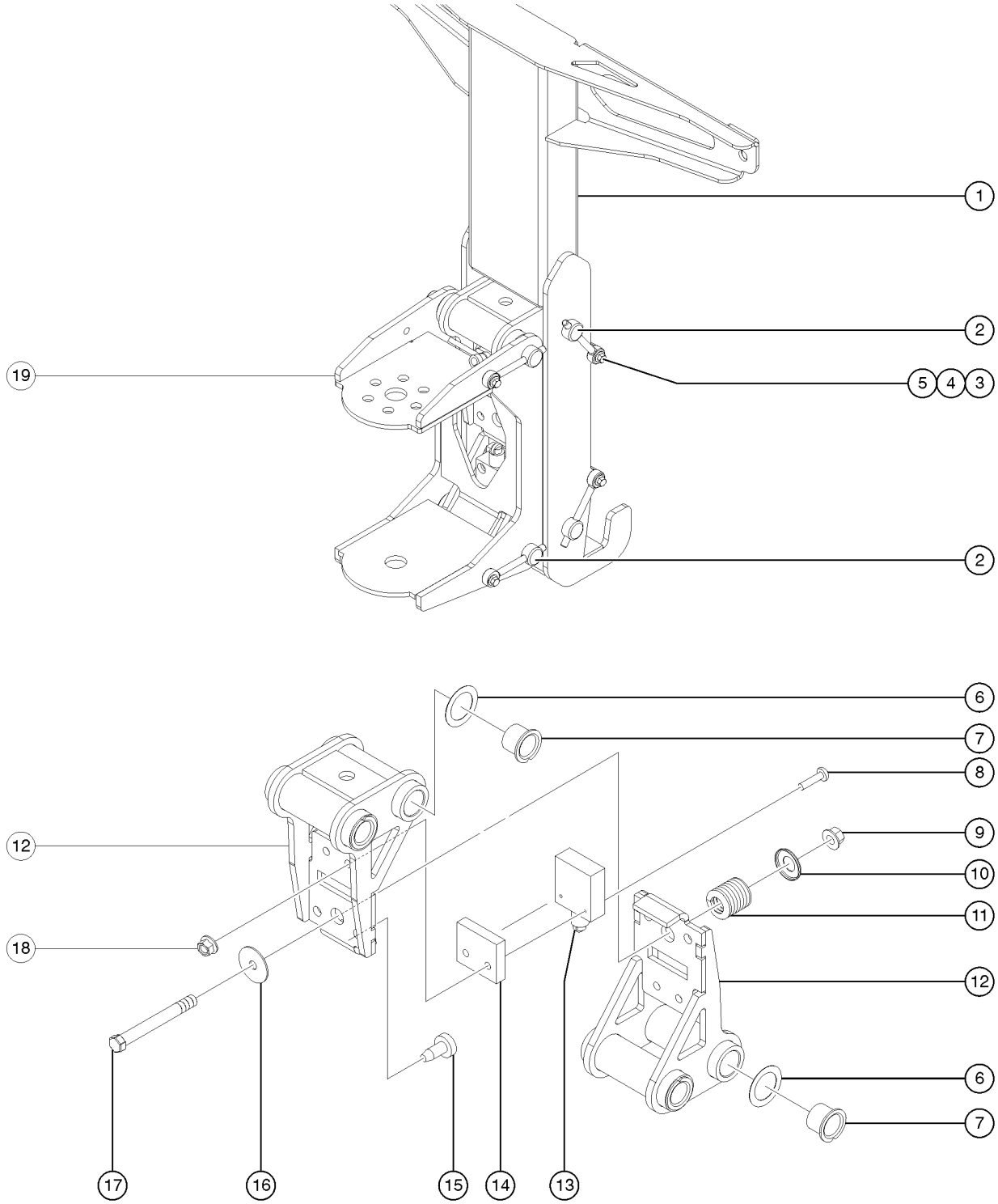
904.1 Platform Options - View 2



904.1 Platform Options - View 2

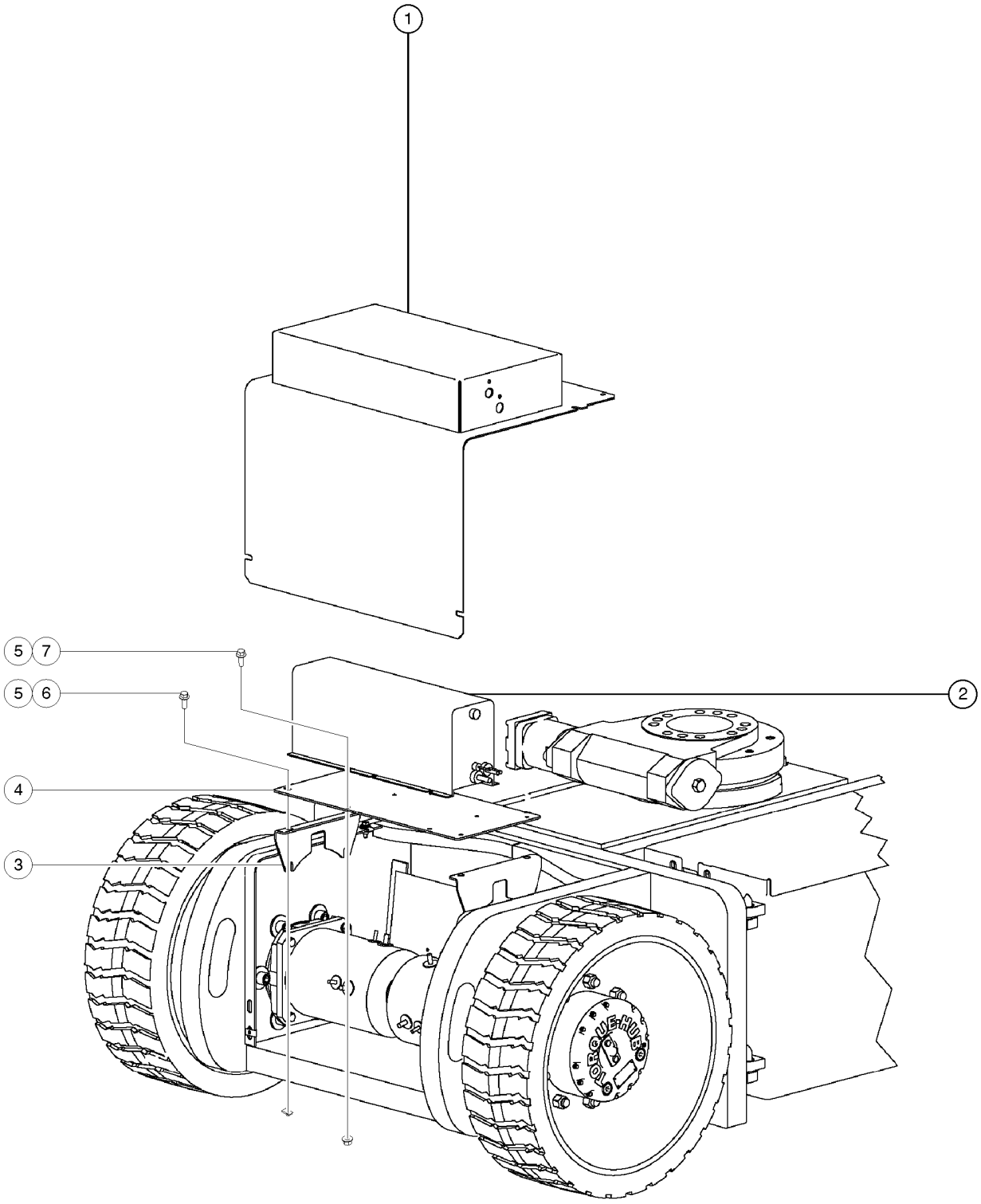
Item	Part No.	Description	Qty.
B-	128368GT	KIT,SWING GATE W/SPRING includes 6-9 and 15	1
1	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
2	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
3	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
4	74009GT	MESH,HALF HEIGHT RH,4'***	2
5	54457GT	MESH,HALF,SWING GATE***	1
6	43392GT	BUMPER,BATTERY BOX & RAILS	1
7	42104GT	SPRING,SHORT PLATFORM GATE	1
8	128368GT	KIT,SWING GATE W/SPRING	
8	1290135GT	KIT,HALF FRONT,SWING GATE	
8-	128374GT	WELDMENT,SWING GATE,ALUMINUM	1
8-	9596GT	HINGE CASTING Special welding requirements for installation of this component. Strongly suggest ordering 128368 OR contact Genie Service for welding requirements.	2
9	824207GT	RIVET, STL, STL, DOME, 1/4 X .375, ZAG	14
10	1487GT	GATE LATCH CASTING--DRILLED	1
11	33674GT	PIN,LOCK,SHORT***	1
12	1488GT	RAILING CATCH CASTING--DRILLED	1
13	9599-SGT	TOOL TRAY ACCESSORY*** includes items 3 and 14	1
14	824059GT	SCREW, HHC, 1/4-20 X .75, 8, ZAG	6
15	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,SQUEEZE,1/2NPT .38-.50,SM	1
A-	99183GT	SWITCH, ROLLER PLUNGER LIMIT	1
1	94176GT	WELDMENT,PLATFORM SUPPORT	1
2	61726GT	PIN,0.75DIAX5.75LG,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 includes items 6 and 7	2
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

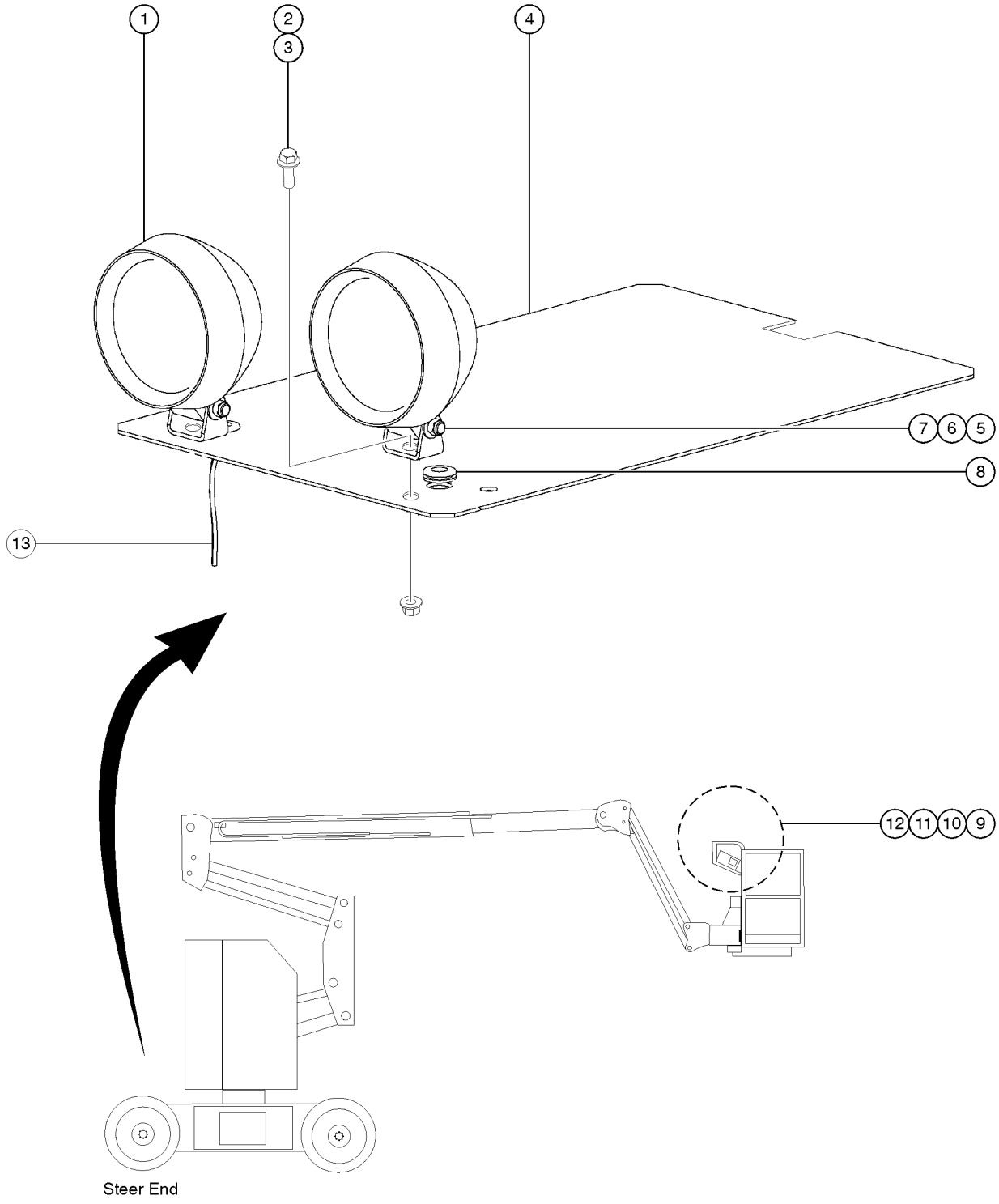
906.1 Inverter Option, 120V



906.1 Inverter Option, 120V

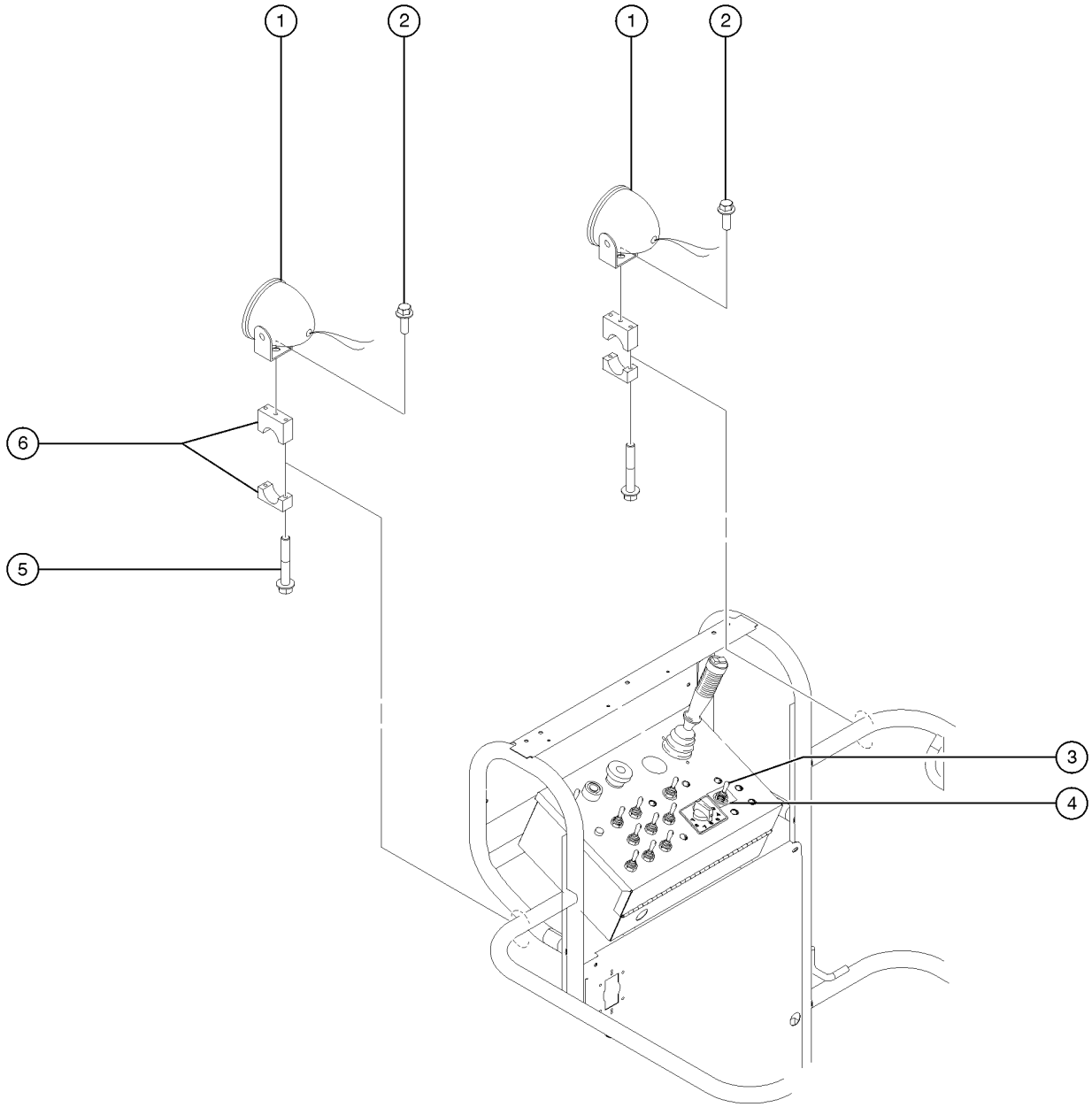
Item	Part No.	Description	Qty.
A-	78098GT	RELAY,24VDC,40/30A,SLD W/BRKT*	1
B-	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	2
C-	36355GT	FUSE,100 AMP,VERY FAST ACTING	1
D-	66717GT	FUSE BLOCK, ANN & ANL FUSE	1
E-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
1	74868GT	WELDMENT,COVER DRIVE CHASSIS	1
2	150026GT	INVERTER,48VDC,120VAC/60HZ	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	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	4

907.1 Drive Light Option

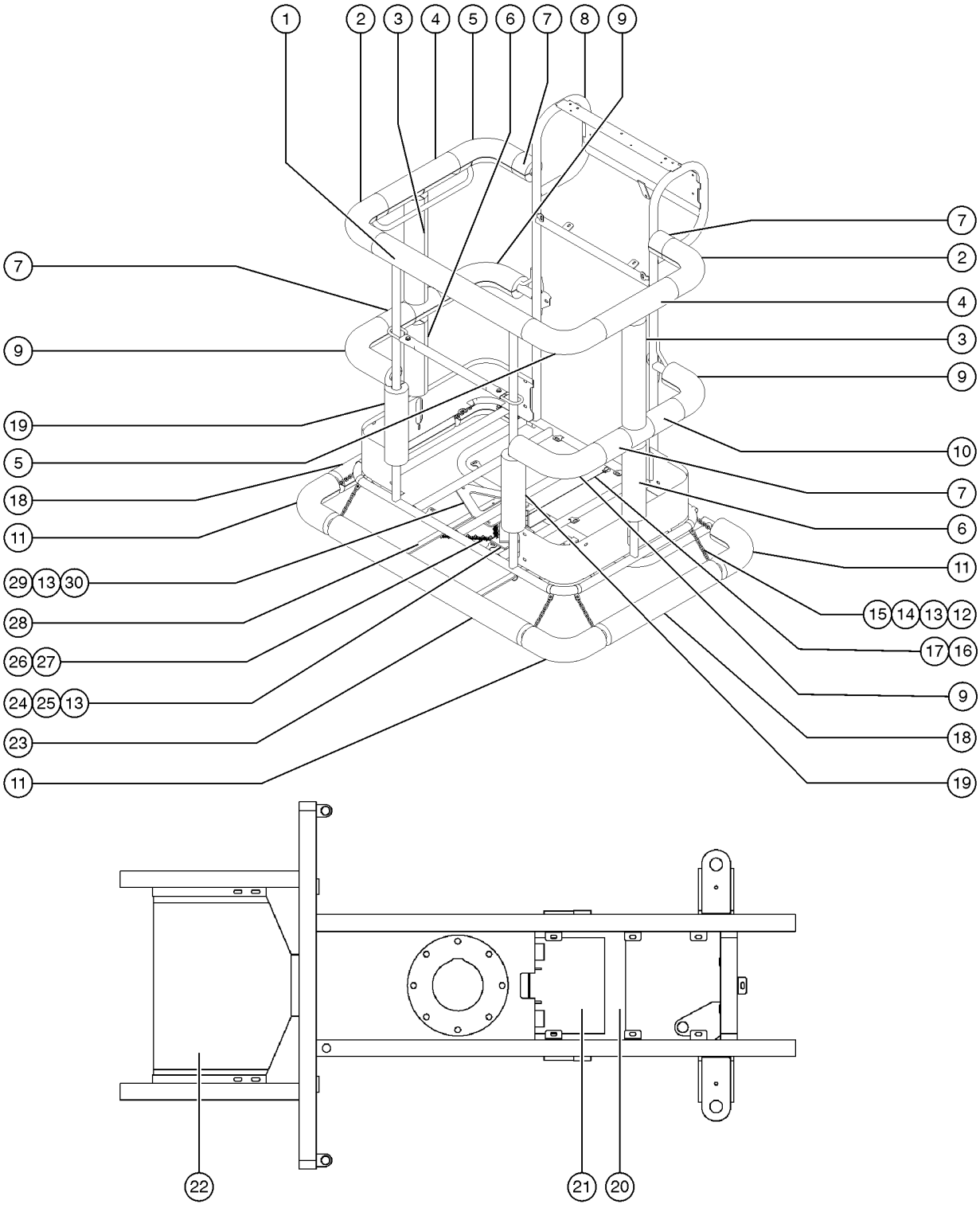


Item	Part No.	Description	Qty.
	823943GT	OPTION,DRIVE LIGHTS,Z30N	
1	107858GT	WORKLIGHT,48 VOLT	2
2	824085GT	SCREW, HHF, 5/16-18 X .75, 8, ZAG	
3	824028GT	NUT,TL FLG,5/16-18,G,ZAG	
4	128819GT	COVER, DR LIGHT OPTION	1
5	10107GT	SCREW,HHC,5/16-18 X .75	2
6	5397GT	WASHER, FLAT, USS, 5/16-18	2
7	6782GT	NUT, 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	

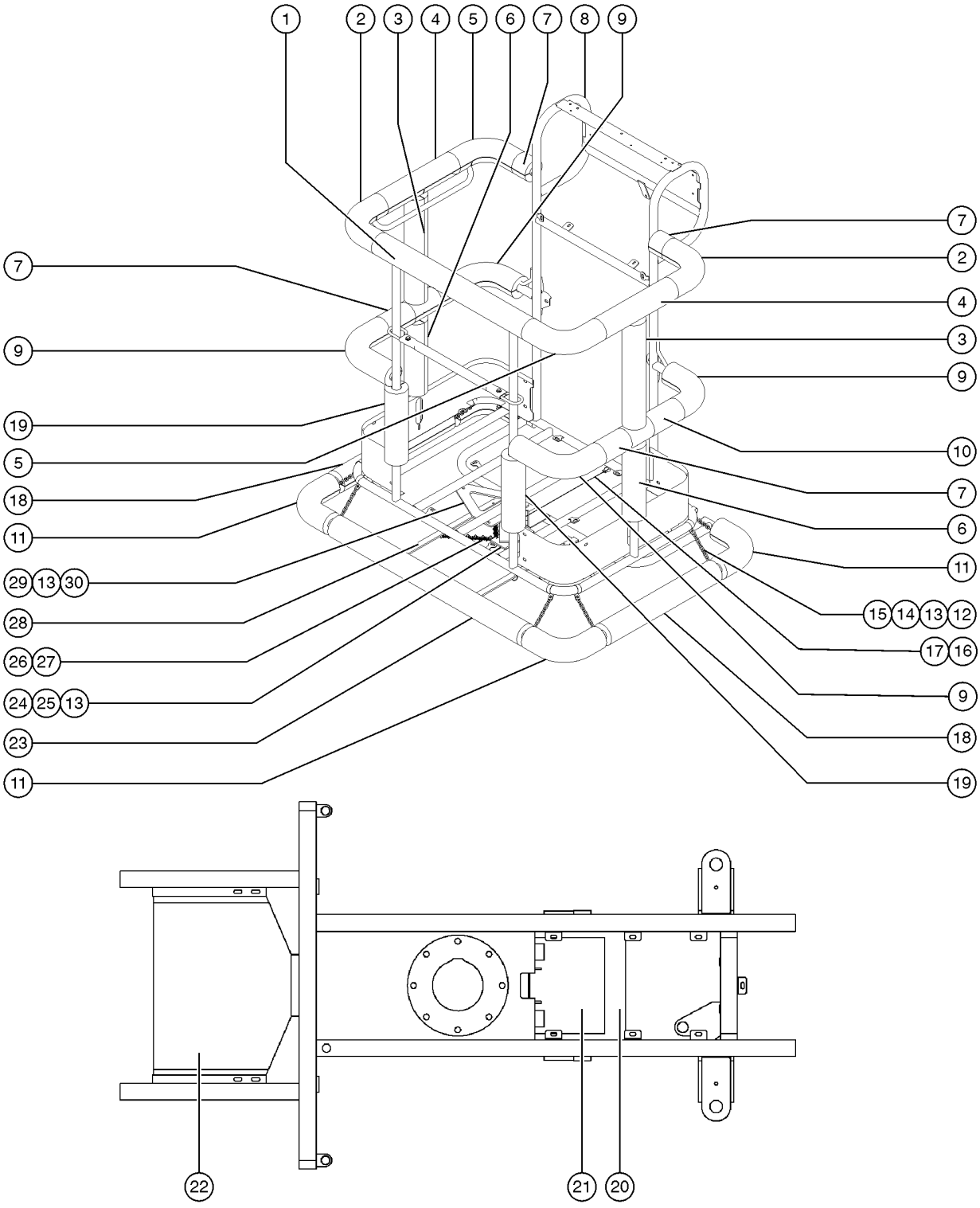
908.1 Work Light Option



Item	Part No.	Description	Qty.
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, ZAG	4
6	35956GT	WORK LIGHT MOUNTING BRACKET	2

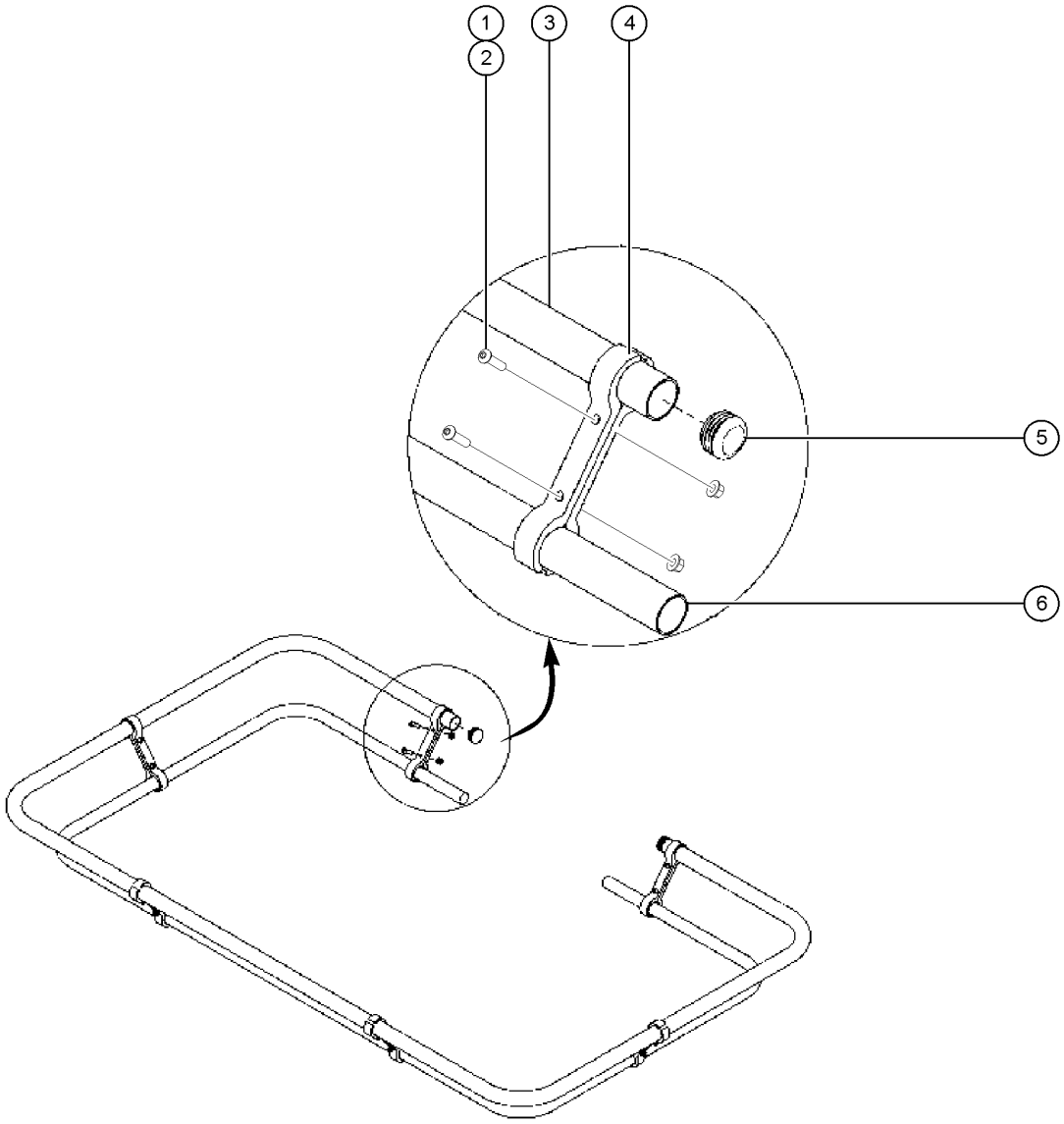

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Item	Part No.	Description	Qty.
1	1251590GT	BUMPER,3.5OD X 1.5ID X 30.75	1
2	147000GT	PADDING, FOAM 90 DEG	2
3	825213GT	BUMPER,3.5OD X 1.5ID X 15.65	2
4	825207GT	BUMPER,3.5OD X 1.5ID X 14.75	2
5	147001GT	PADDING, FOAM 90 DEG	2
6	825212GT	BUMPER,3.5OD 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	824027GT	NUT, TL FLG, 1/4-20, G, 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
16-	20973GT	WIRE LOOM,3/8 POLY SLIT	69 inch
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


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Item	Part No.	Description	Qty.
24	56330GT	PLATE,MAGNET MOUNT	1
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	

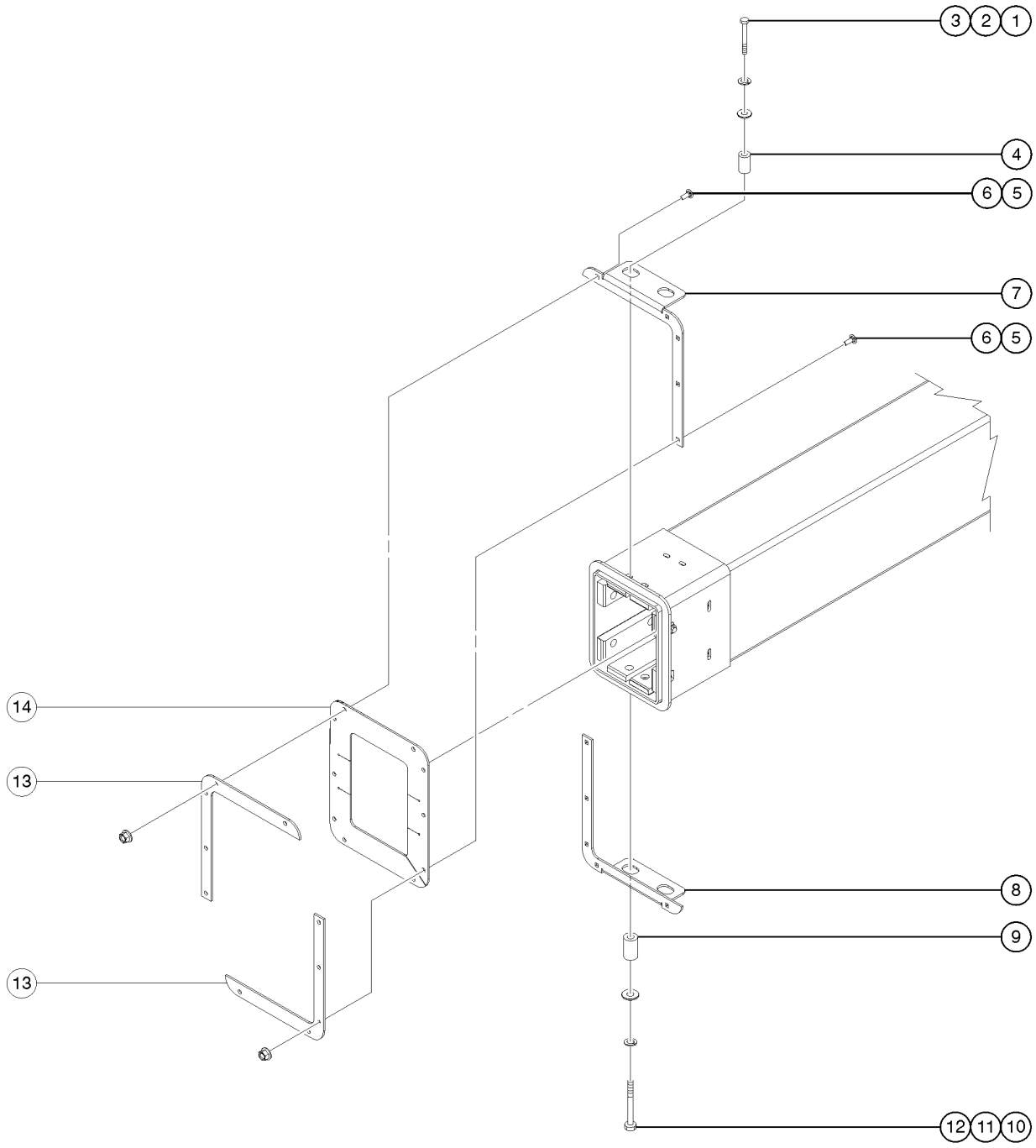
910.1 Auxiliary Rail Assembly



910.1 Auxiliary Rail Assembly

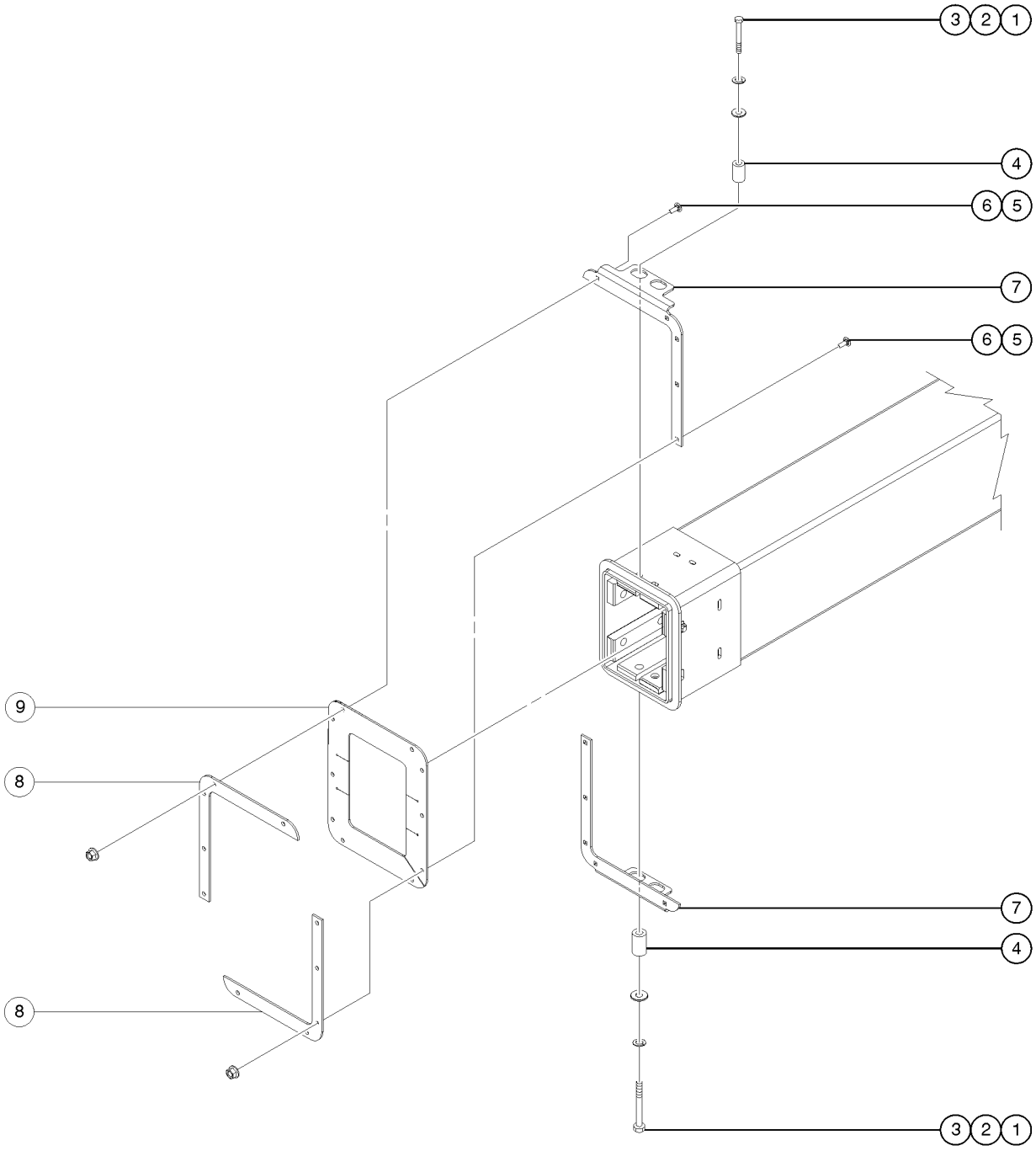
Item	*Part No.*	*Description*	*Qty.*
1	T112576GT	SCREW,BHTC,1/4-20X1,ZAG	12
2	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	12
3	T112779GT	KIT, AUX. RAIL, 4' PLATFORM includes items 1, 2, 4, 5	1
4	122073GT	SUPPORT, RAILING	12
5	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
6		Ref. Platform Rail Assembly (refer to 601.1)	

911.1 Hostile Environment - Z30N Primary Boom Wipers



Item	Part No.	Description	Qty.
	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	824027GT	NUT, TL FLG, 1/4-20, G, 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

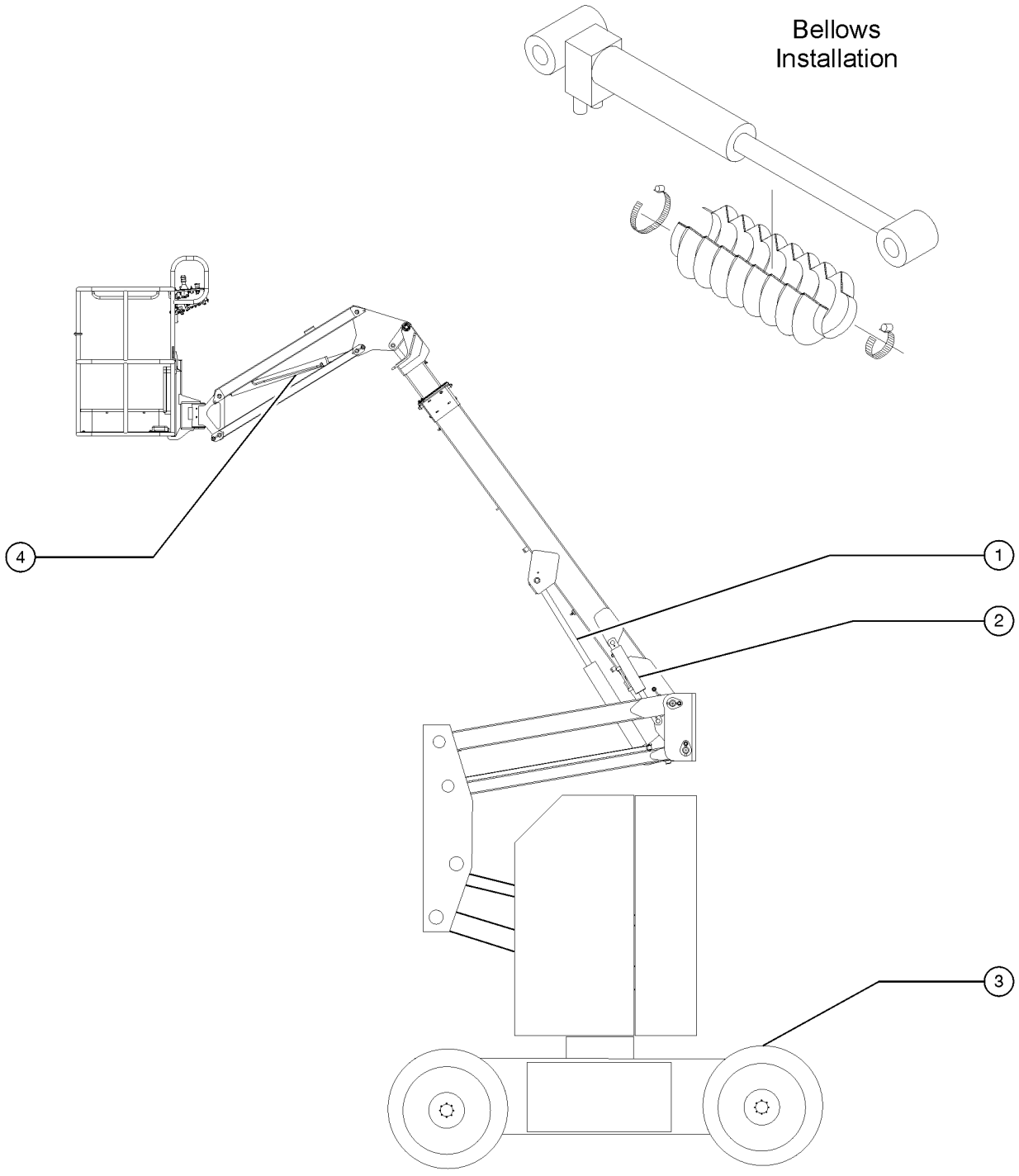
912.1 Hostile Environment - Z30N RJ Primary Boom Wipers



912.1 Hostile Environment - Z30N RJ Primary Boom Wipers

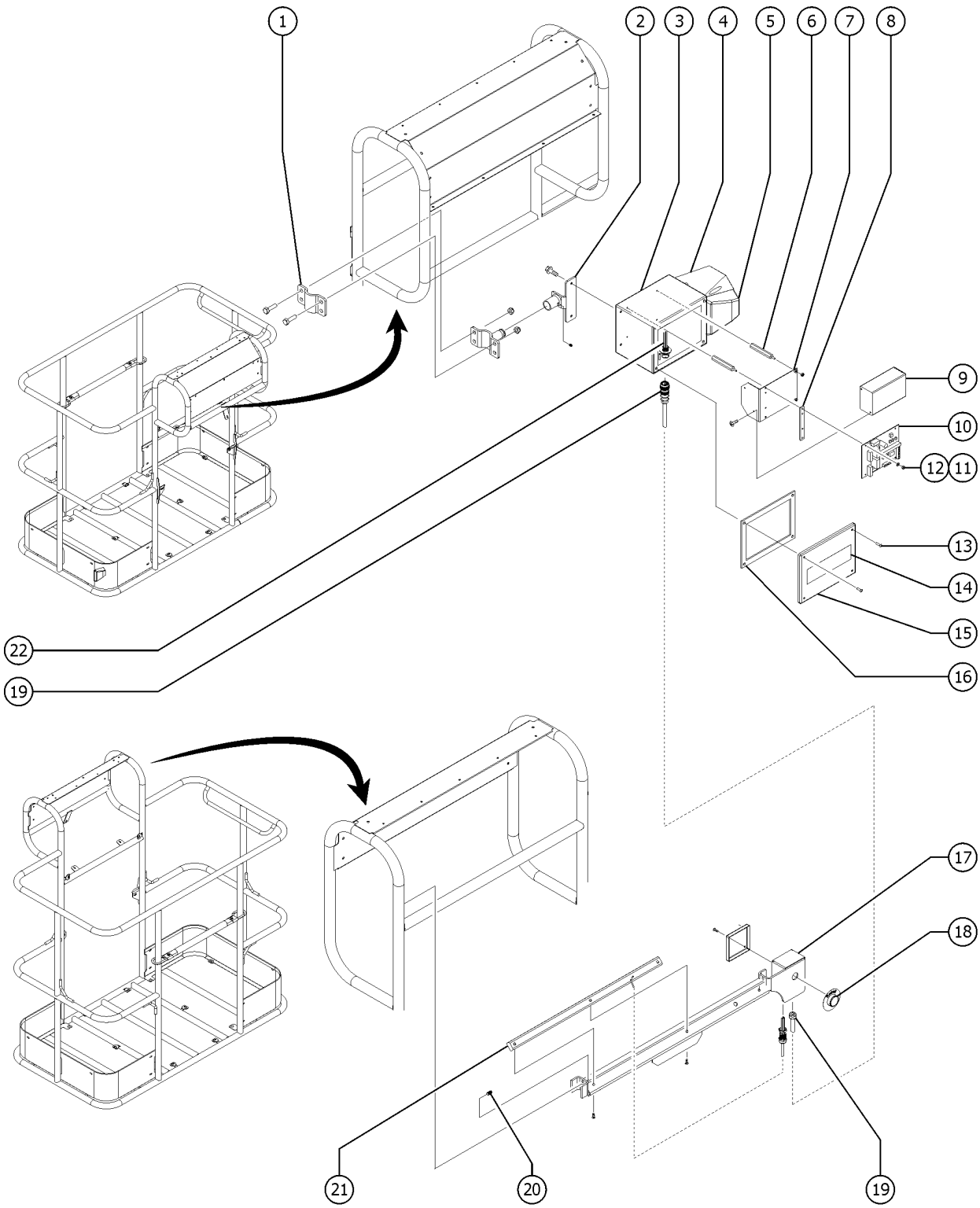
Item	Part No.	Description	Qty.
	825069GT	KIT, WIPER, Z30NRJ	1
1	824064GT	SCREW, HHC, 1/4-20 X 2.25, 8, ZAG	4
2	824109GT	WASHER, LOCK, 1/4, ZAG	4
3	824113GT	WASHER,FLAT,USS,1/4,ZAG	4
4	119077GT	TUBE,RD,STL,DOM,.75OD X .375ID	4
5	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	10
6	824027GT	NUT, TL FLG, 1/4-20, G, 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



Item	Part No.	Description	Qty.
	128838GT	KIT, CYLINDER BELLOWS	
1	94461GT	BELLOWS,PRIMARY/ELEV CYLINDER	2
2	94463GT	BELLOWS,MASTER CYLINDER	1
3	54989GT	BELLOWS,STEERING CYLINDER not shown	1
4	94462GT	BELLOWS,JIB CYLINDER	1
5	30577GT	COVER,PROTECTIVE,MASTER/SLAVE not shown	1
6	30489GT	CLAMP,HOSE,3.50 not shown	5
7	30971GT	CLAMP,HOSE,3.00" not shown	1
8	35434GT	CLAMP,HOSE,2.00*** not shown	6

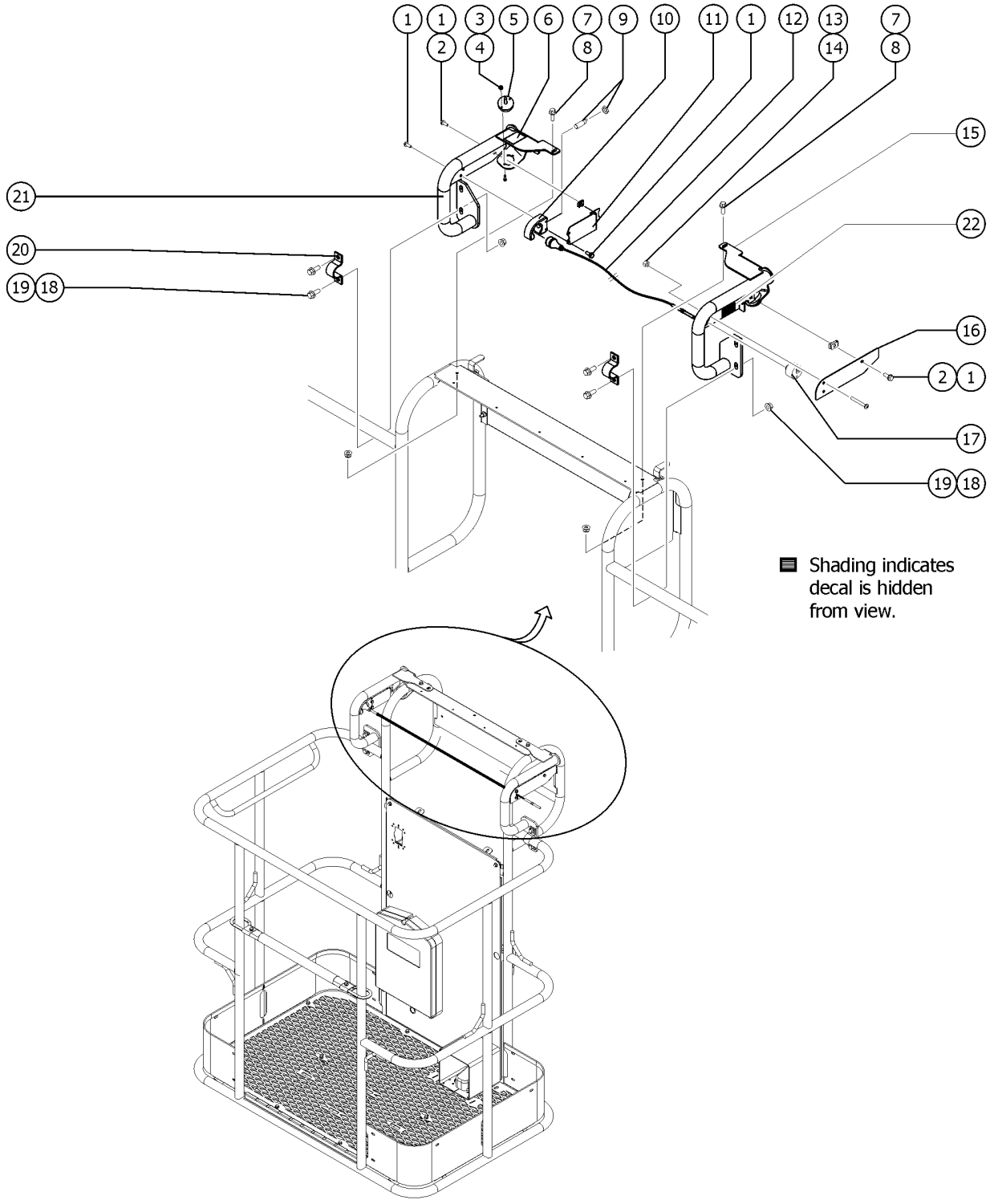
914.1 Operators Protection Alarm (to January 2017)



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 No longer available	1
5A		SOUNDER LENS, OPA, BLUE (standard lens fitted to OPA)No longer available (contact customer service)	1
5B		SOUNDER LENS, OPA, RED No longer available (contact customer service)	1
6		STAND OFF,CONTROL UNIT No longer available (contact customer service)	4
7		BRACKET,CONTROL UNIT No longer available (contact customer service)	1
8		SPACER,HEAT SINK No longer available (contact customer service)	1
9		ASSY,MODULE,CONTROL UNIT,OPA No longer available (contact customer service)	1
10		MODULE,CONTROL UNIT,PCB,OPA No longer available (contact customer service)	1
11		NUT,M4 NYLOCK No longer available	4
12		WASHER,M4 NYLON No longer available	4
13		SCREW,M5X16 BHD No longer available	4
14	1255027GT	WASHER,M5 NYLON	4
15	1255890GT	DECAL,COSMETIC,GENIE	1
16		LID ENCLOSURE,RED,OPA No longer available	1
17		GASKET,ENCLOSURE No longer available	1
18		ASSEMBLY,TAPESWITCH 4-ft and 5-ft platforms; includes j-box and fasteners No longer available (contact customer service)	1
19	1255036GT	ASSEMBLY RESET SWITCH	1
20		ASSEMBLY,CABLE,TAPESWITCH No longer available (contact customer service)	1
21	1255889GT	DECAL,SYMBOL-READ THE MANUAL	1
22		SENSOR,RUBBER EDGE 4-ft and 5-ft platforms No longer available (contact customer service)	1
23		HARN,PIGTAIL,TAPESWITCH,OPA No longer available (contact customer service)	1

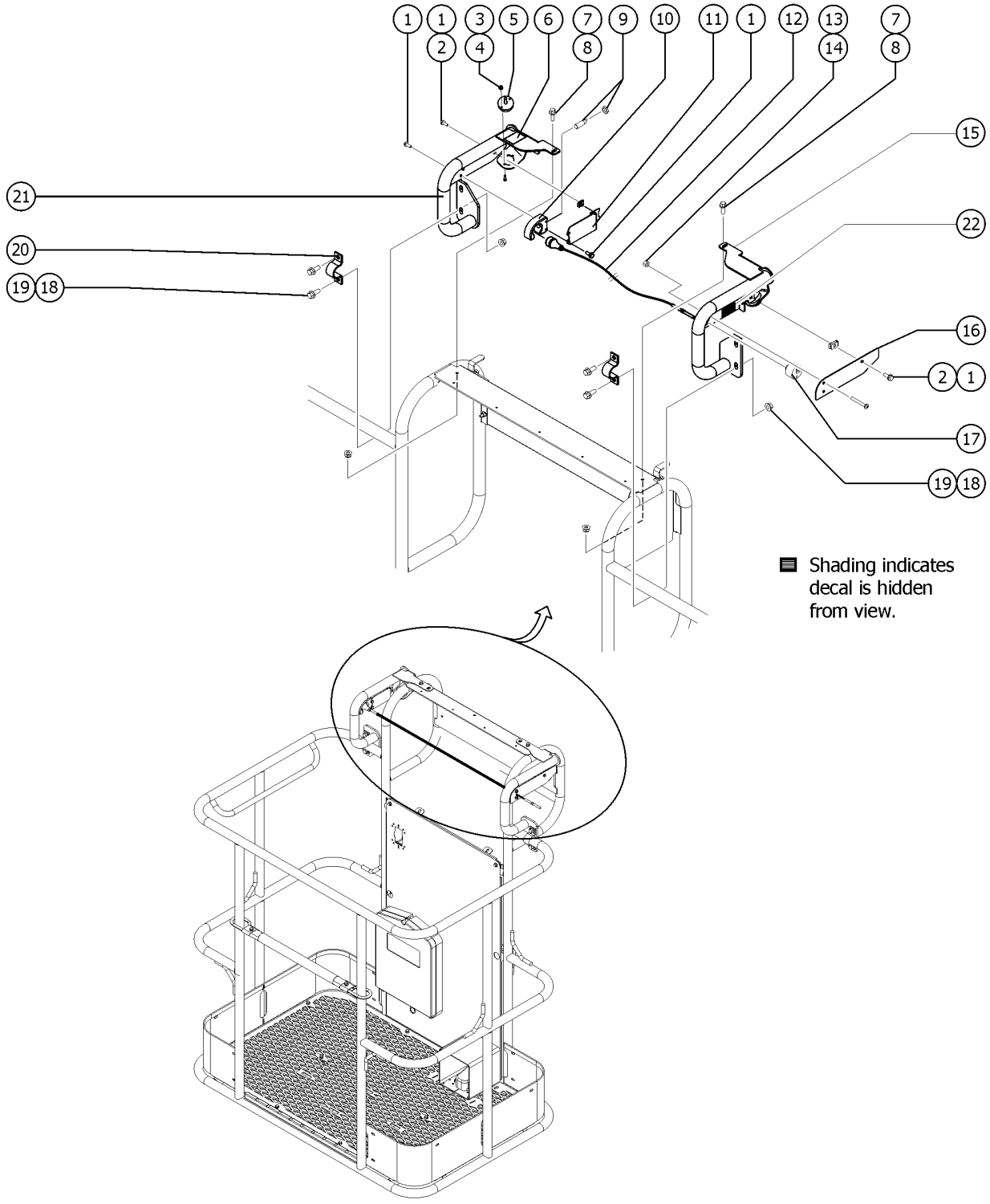
914.2 Lift Guard Contact Alarm (from January 2017)



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	
D-	78098GT	RELAY,24VDC,40/30A,SLD W/BRKT*	
E-	1278121GT	MODULE, PLUS+1, OPA2 located inside the Platform Control Box	
1	1264934GT	SCREW,HHF,10-24X.5	
2	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	
3	12344GT	NUT,NYLOCK,6-32	
4	1256859GT	SCREW,PHPM,6-32X.875,ZAG	
5	1278111GT	ASSEMBLY, LIGHT, CONTACT ALARM	2
5B	1285850GT	ASSEMBLY,AMBER LIGHTS,CONTACT	
6	1278542GT	DECAL, INSTRUCTION, CONTACT ALARM	
7	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
8	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
9	1278119GT	ASSEMBLY, SENSOR, PROX, CONTACT ALARM	1
10	1278433GT	ASSY SENSOR W/HOUSING (Includes holder item 1277877 and sensor part 1278119)	
10-	1277877GT	HOLDER, SENSOR	1
11	1277873GT	FORMING, SENSOR HOLDER	1
12	1278417GT	ASSEMBLY, OPA CABLE, SMALL	1
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	
13	825352GT	SCREW,PHPM,10-32X1.25,ZAG	
14	1264261GT	NUT,SERRATED,10-32,ZAG	
15	1278175GT	WELDMENT, RIGHT OPA, SMALL	1
16	1277875GT	PLATE, CABLE AND WIRE COVER	1
17	1277876GT	GUIDE, CABLE	1

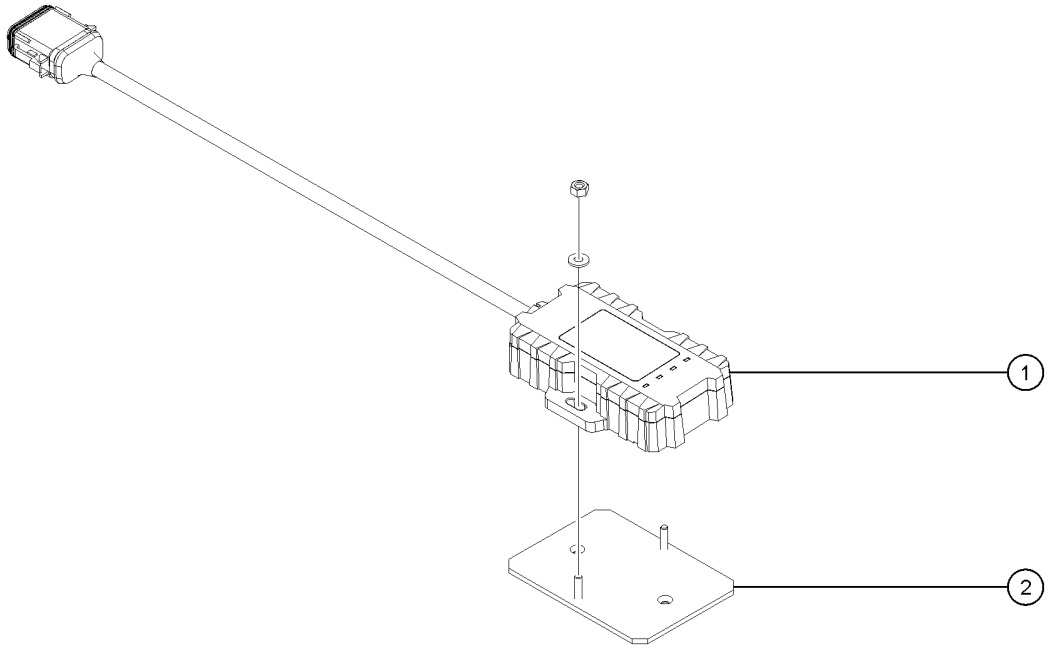
914.2 Lift Guard Contact Alarm (from January 2017)



914.2 Lift Guard Contact Alarm (from January 2017)

Item	*Part No.*	*Description*	*Qty.*
18	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
19	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
20	1278363GT	CLAMP, 1.25 INCH TUBE	2
21	1278177GT	WELDMENT, LEFT OPA, SMALL	1
22	1278982GT	DECAL, INSTRUCTION, ACTUATOR SWITCH SOCKET	1

915.1 Telematics Option (from SN Z30N15-16299)



915.1 Telematics Option (from SN Z30N15-16299)

Item	Part No.	Description	Qty.
-	1293476GT	HARNESS, RETROFIT, 24" M7 for units after SN Z30N15-16299 for first time insulation, must order this Harness with one of the models 1289520GT, 1289521GT, 1289522GT, or 1289523GT	1
1	1289520GT	MODULE, TELEMATICS, ZTR, M7, NORTH AMERICA North America	1
1B	1289521GT	MODULE, TELEMATICS, ZTR, M7, EMEA/APAC EMEA/APAC	
1C	1289522GT	MODULE, TELEMATICS, ZTR, M7, APAC/ANZ APAC/ANZ	
1D	1289523GT	MODULE,TELEMATICS,ZTR,M7,JAPAN Japan	
2	1289561GT	BRACKET, TELEMATICS	1

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Notes

California Proposition 65

WARNING

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

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

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

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

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