Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

Z-40/23N
Z-40/23N RJ

from SN Z40N07-100 to SN Z40N16-3178
from SN Z40N16-3179 to SN Z40N16-3999

Part No. 119818
Rev: D.11
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.

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Internet: www.genielift.com
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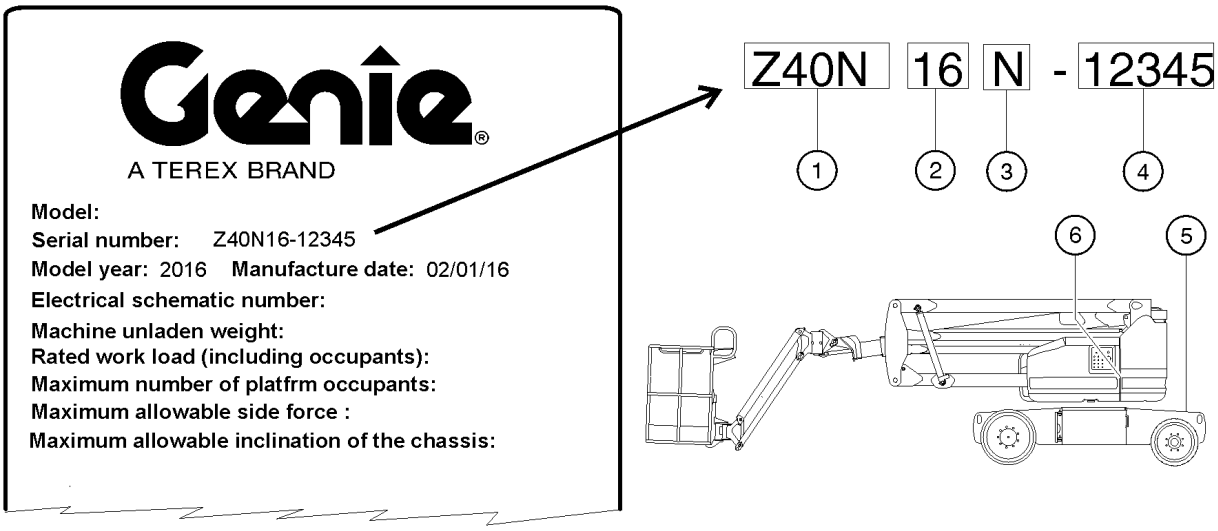
Use the links to locate Operator's, Parts, Maintenance, and Service and Repair Manuals.

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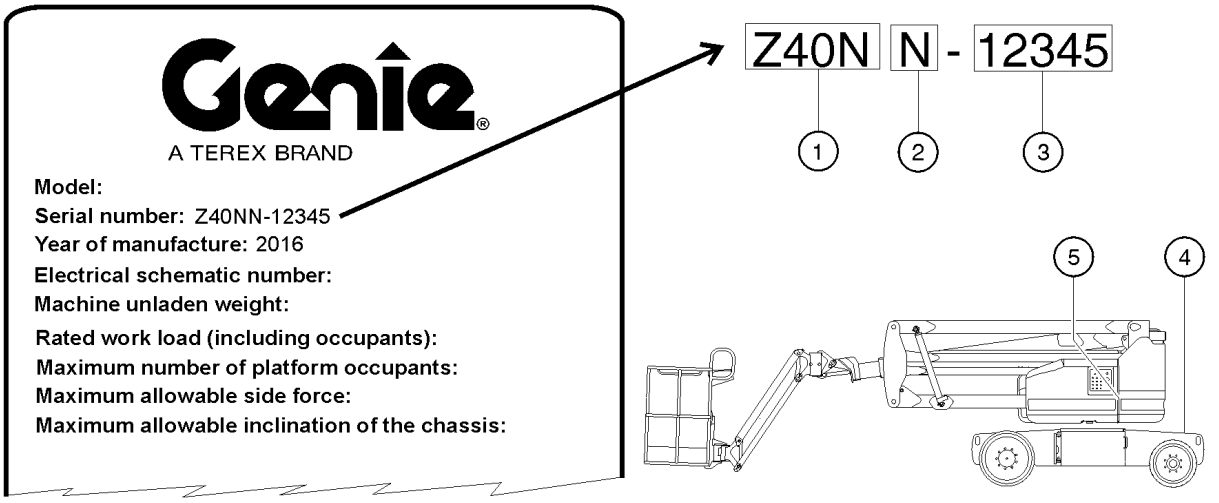
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Printed on recycled paper

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

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

http://genielift.com.sg/

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

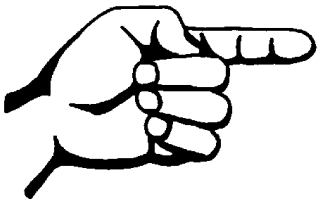
http://genielift.com.au

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

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



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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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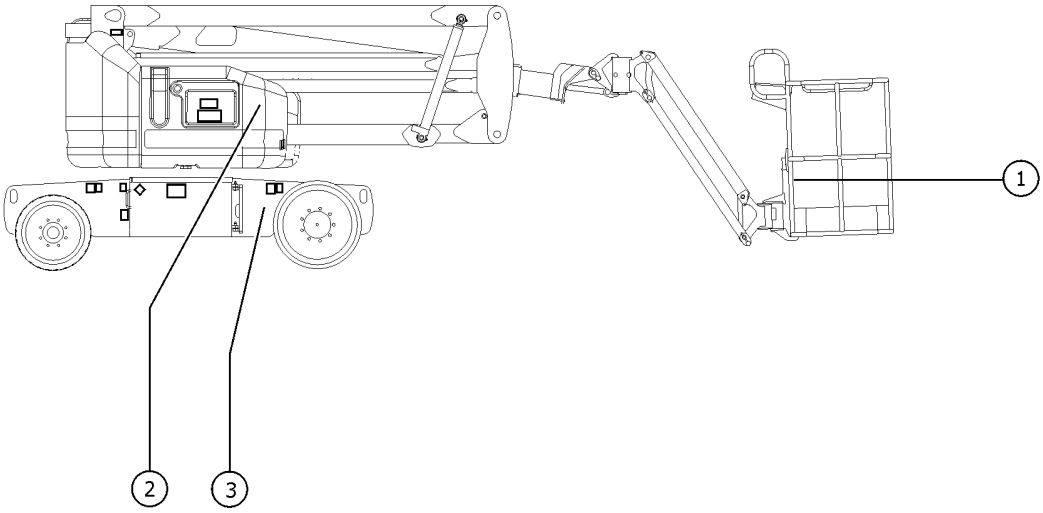
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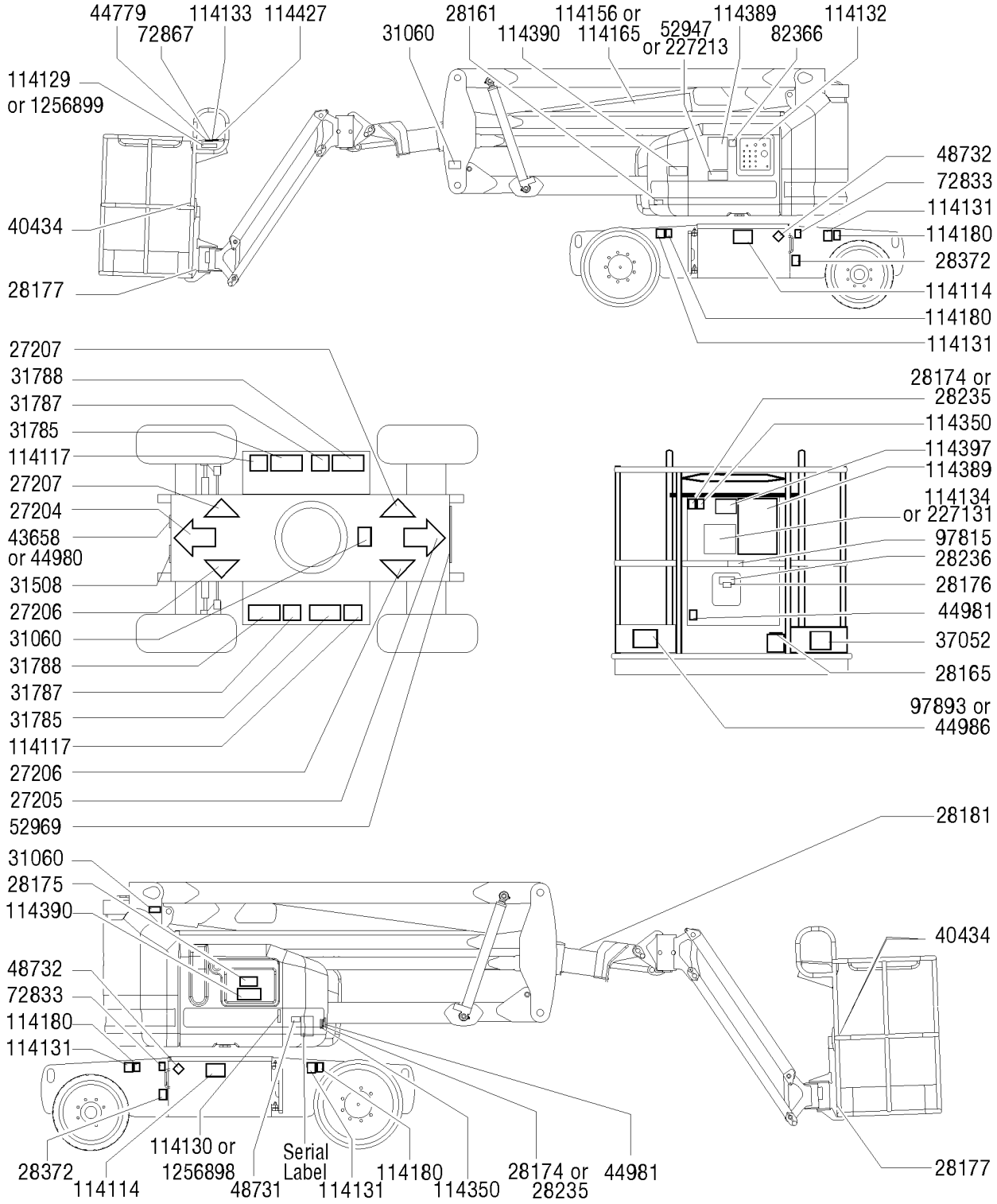
Notes

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-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
3		— FUSES —	
3-	43179GT	FUSE,500 AMP,VERY FAST ACTING	
3-	18576GT	FUSE,200 AMP	

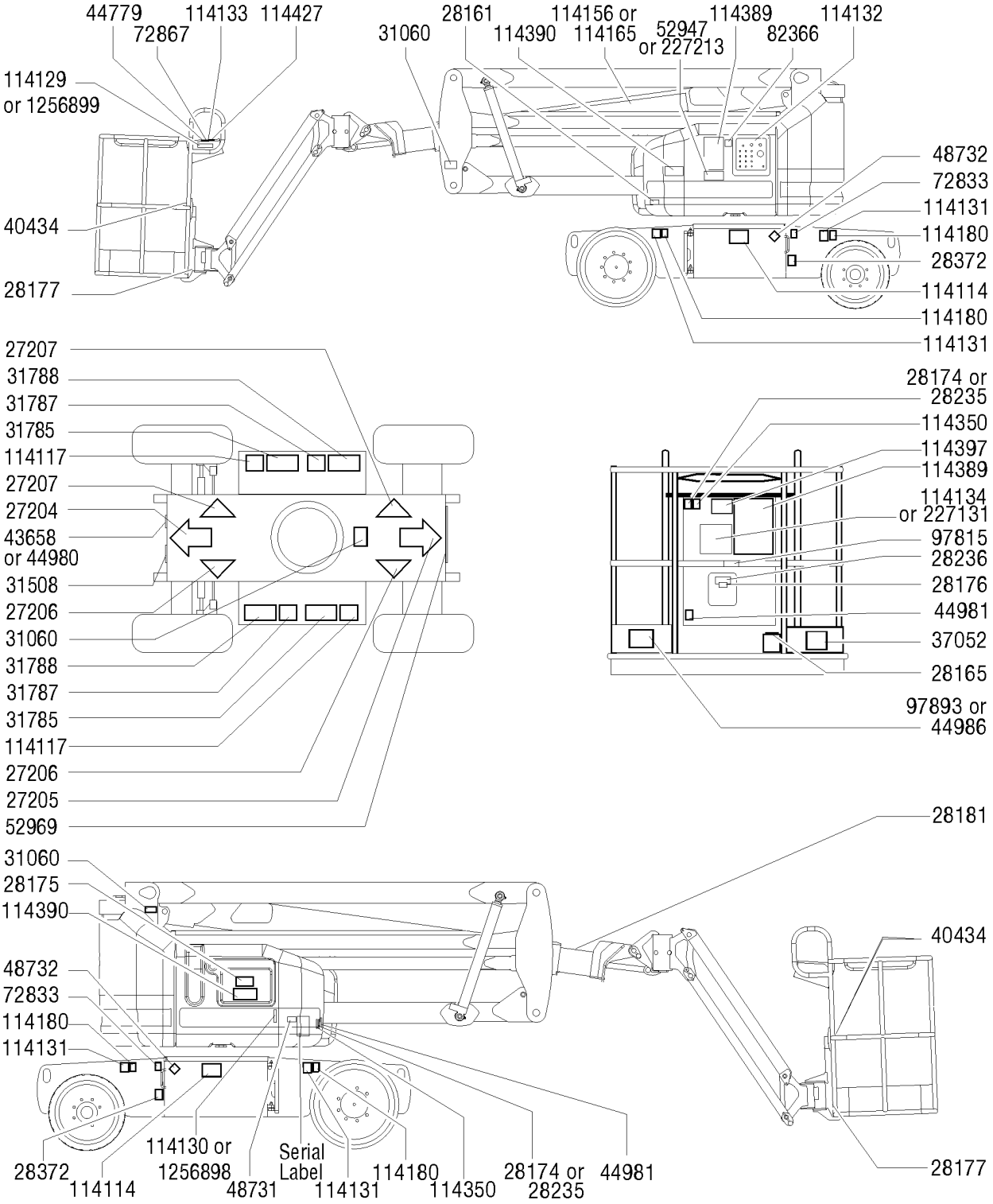
101.1 Decals with Words, Z-40/23N RJ



101.1 Decals with Words, Z-40/23N RJ

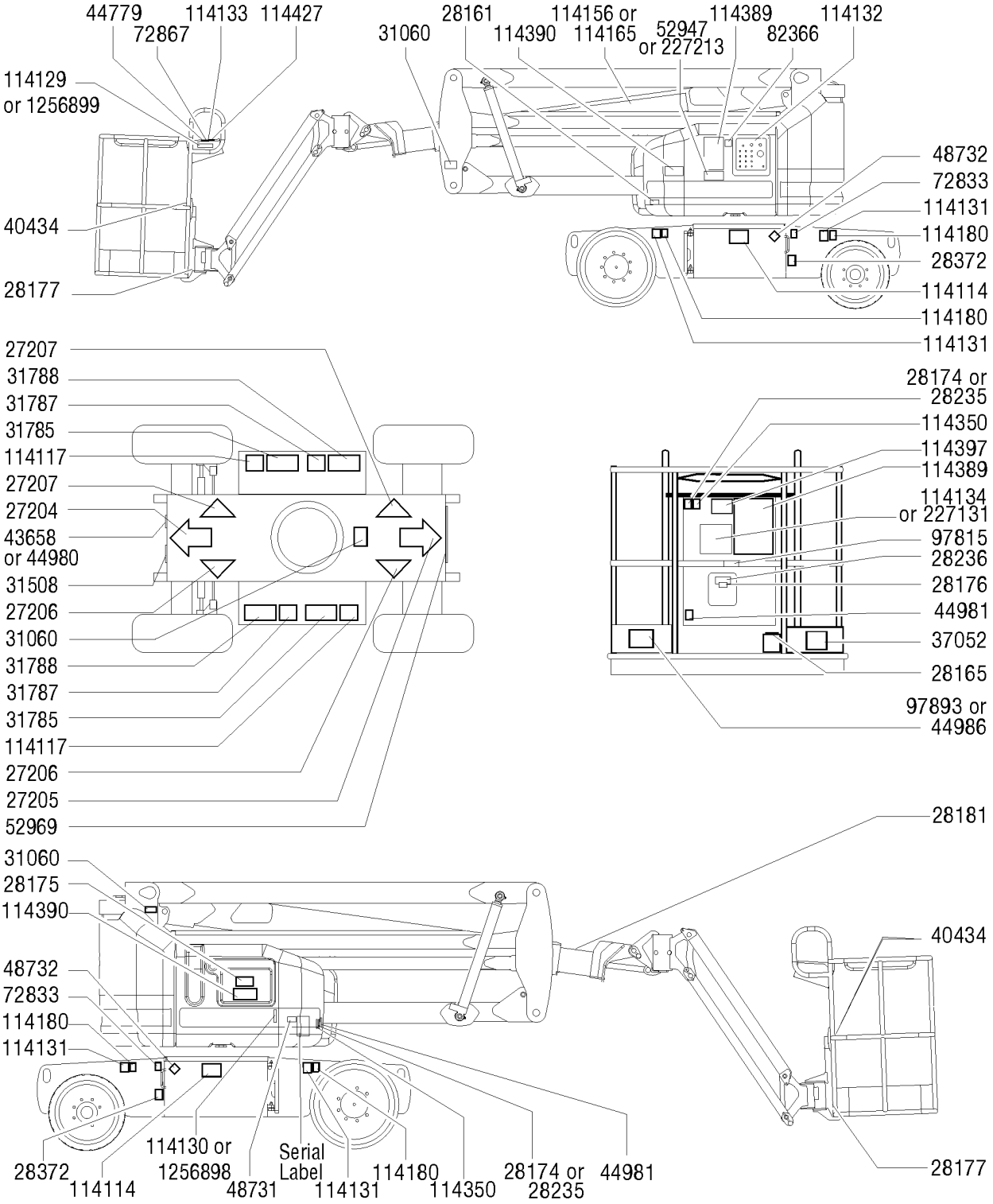
Item	Part No.	Description	Qty.
	119874GT	DECAL KIT WORDS Z40 does not include items 23 25-28, 30, 31, 38, 39, 40, 42 and 43	
	1298971GT	DECAL KIT,PLAT Z-40,WORD platform kit from SN 100 to 3999	
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	28161GT	DECAL,WARN,CRUSH HAZARD HAND	2
6	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	2
8	28175GT	DECAL,WARNING-COMPART ACCESS	2
9	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
10	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
11	28181GT	DECAL,WARN,FALL HAZARD	1
12	28235GT	DECAL,POWER TO PLATFORM 115V	2
13	28236GT	DECAL,WARN,IMPROPER OPERATION	1
14	28372GT	DECAL,NOTICE,BATTERY CABLES	2
15	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
16	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
17	31785GT	DECAL,NOTICE,CHARGER INSTRUC	1
18	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2
19	31788GT	DECAL,DANGER,BATTERY SAFETY***	2
20	37052GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
21	40434GT	DECAL,LANYARD ANCHORAGE POINT	2
22	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
23	44779GT	DECAL,GENERATOR OPTION	1
24	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
25	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
26	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1

101.1 Decals with Words, Z-40/23N RJ



Item	Part No.	Description	Qty.
29	52947GT	DECAL,OPERATING INSTR,GROUND (to SN Z40N11-990)	1
30	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
31	72833GT	DECAL,LABEL,OPEN,LATCH	2
32	72867GT	DECAL,LABEL,LIGHTS***	1
33	82366GT	DECAL,CHEVRON RANDO HD	1
34	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
35	97893GT	DECAL,NOTICE,SIDE FRC/WINDANSI	1
37	114117GT	DECAL,BATT CONN DIAGRAM	1
38	114129GT	LABEL, PCON SOFTWARE,Z40 to SN Z40N15-2761	1
39	114130GT	LABEL,TCON SOFTWARE,Z40 to SN Z40N15-2761	1
40	114131GT	DECAL,TIRE SPECS	4
41	114132GT	DECAL,GROUND CONTROL PANEL,Z40	1
42	114133GT	DECAL,PLATFORM CONTROL PANEL	1
43	114134GT	DECAL,OP INST.,PLATFORM (to SN Z40N11-990)	1
44	114165GT	DECAL,GENIE Z40/23NRJ option	1
45	114180GT	DECAL,WHEEL LOAD	4
46	114114GT	DECAL,LABEL,TRANSPORT	1
47	114350GT	DECAL,AC INVERTER POWER,115V	2
48	114389GT	DECAL,DANGER,GENERAL SAFETY	2
49	114390GT	DECAL,DANGER,ELECT HAZARD***	2
50	114397GT	DECAL,DANGER,TILT ALARM	1
51	114427GT	DECAL,LABEL,CLEAR	1
52	227131GT	DECAL,OPER INST,Z40 PLAT AUS (from SN Z40N11-991)	1
53	227213GT	DECAL,OPER INST,DC BOOM GND AU (from SN Z40N11-991)	1
54	1256898GT	LABEL,TCON SOFTWARE,Z40 from SN Z40N15-2762	1
55	1256899GT	LABEL, PCON SOFTWARE,Z40 from SN Z40N15-2762	1

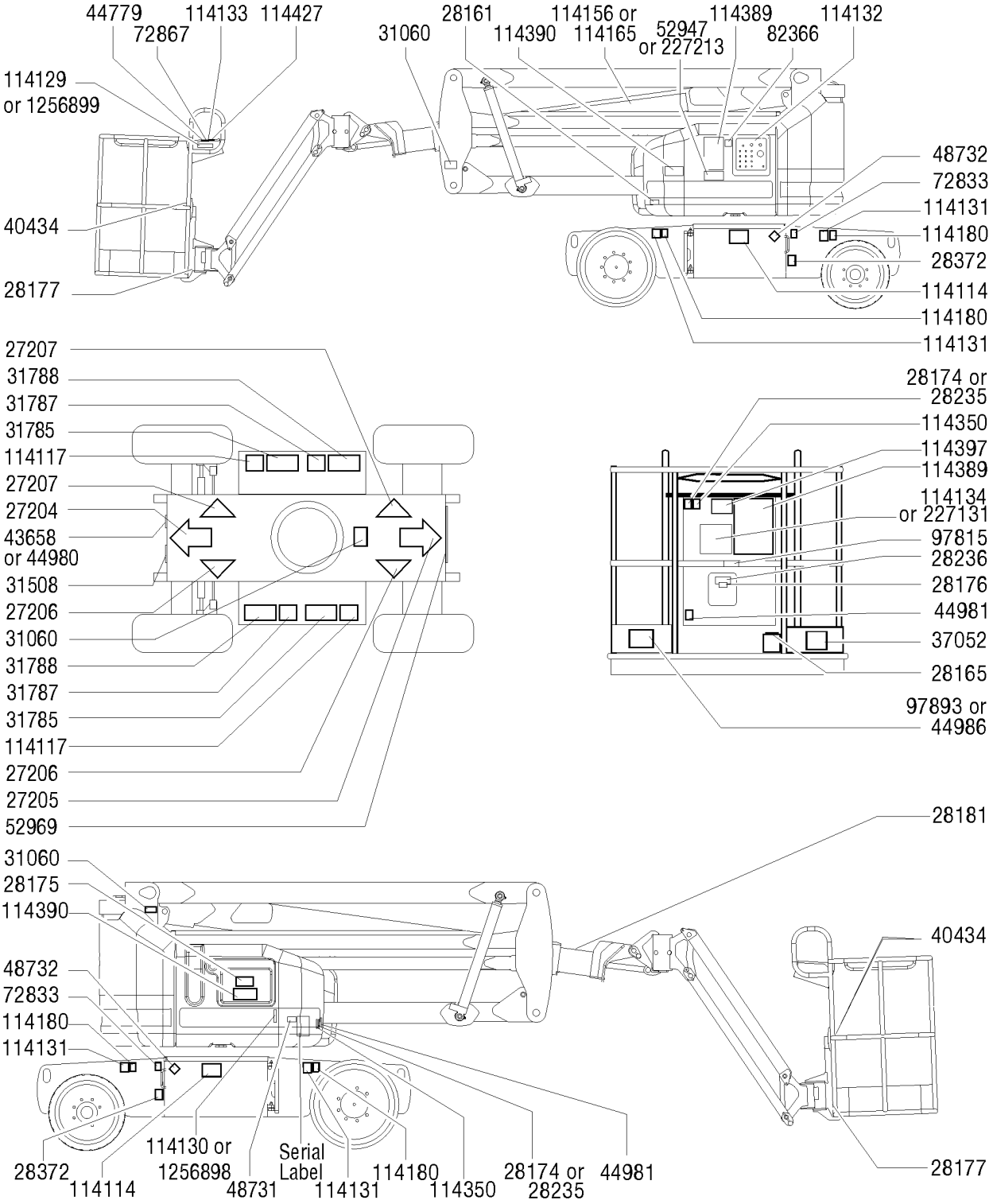
101.2 Decals with Words, Z-40/23N



101.2 Decals with Words, Z-40/23N

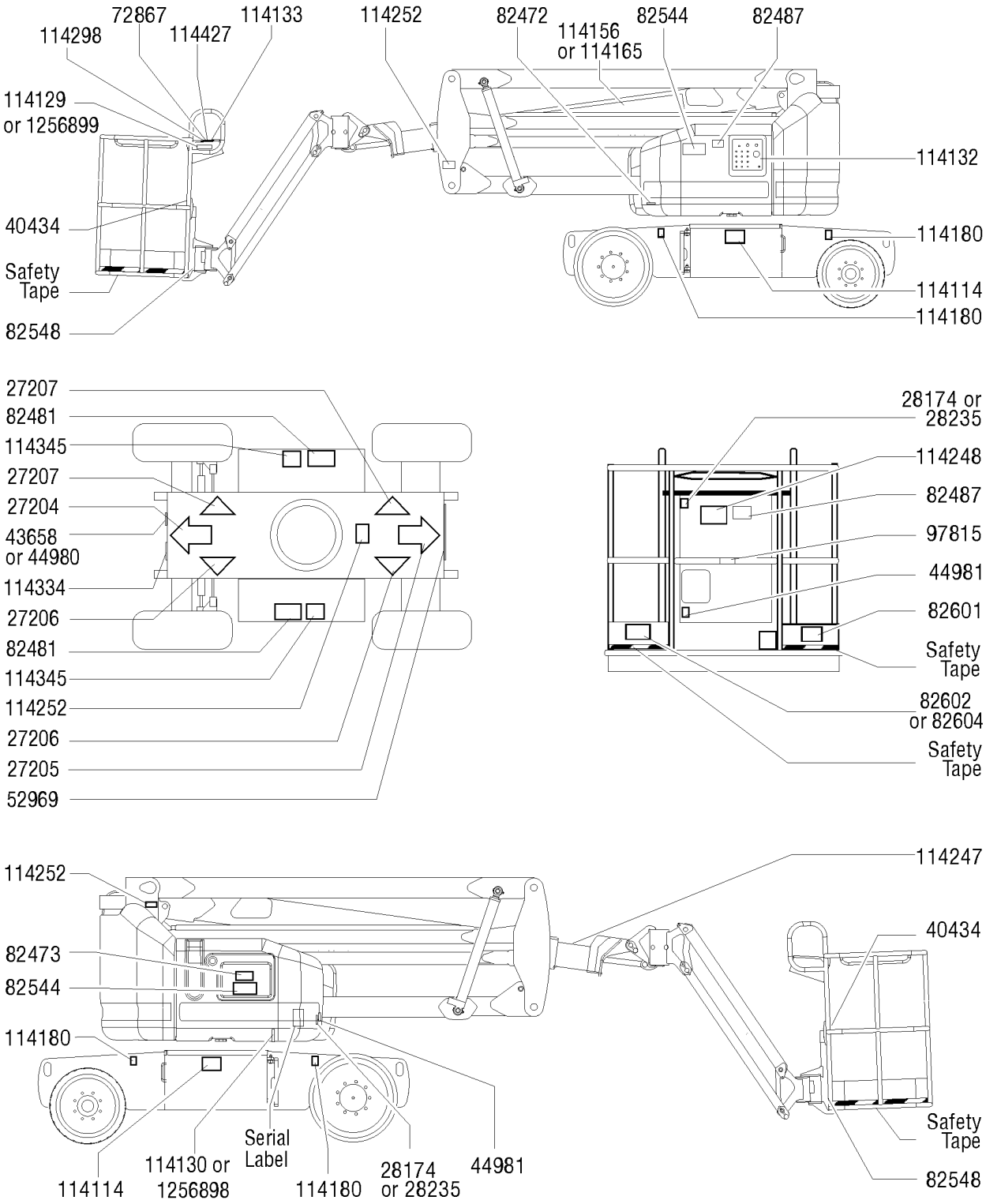
Item	Part No.	Description	Qty.
	119874GT	DECAL KIT WORDS Z40 does not include items 23 25-28, 30, 31, 38, 39, 42 and 43	
	1298971GT	DECAL KIT,PLAT Z-40,WORD platform kit from SN 100 to 3999	
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	28161GT	DECAL,WARN,CRUSH HAZARD HAND	2
6	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	2
8	28175GT	DECAL,WARNING-COMPART ACCESS	2
9	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
10	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
11	28181GT	DECAL,WARN,FALL HAZARD	1
12	28235GT	DECAL,POWER TO PLATFORM 115V	2
13	28236GT	DECAL,WARN,IMPROPER OPERATION	1
14	28372GT	DECAL,NOTICE,BATTERY CABLES	2
15	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
16	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
17	31785GT	DECAL,NOTICE,CHARGER INSTRUC	1
18	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2
19	31788GT	DECAL,DANGER,BATTERY SAFETY***	2
20A	37052GT	DECAL,NOTICE,MAX LOAD 500 LBS (models with 4' platform)	1
20B	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS (models with 5' platform)	1
21	40434GT	DECAL,LANYARD ANCHORAGE POINT	2
22	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
23	44779GT	DECAL,GENERATOR OPTION	1
24	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
25	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2

101.2 Decals with Words, Z-40/23N



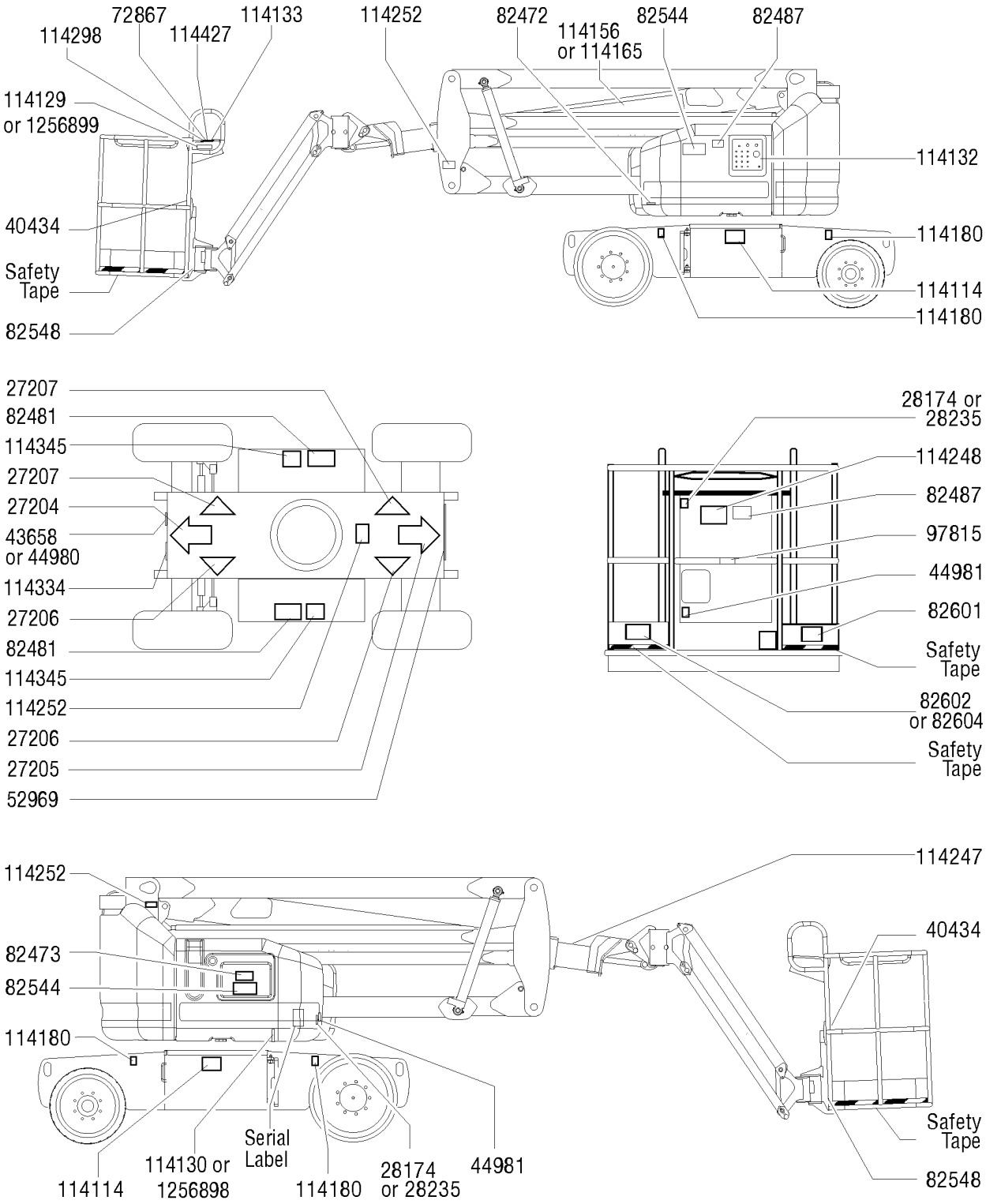
Item	Part No.	Description	Qty.
26	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1
29	52947GT	DECAL,OPERATING INSTR,GROUND (to SN Z40N11-990)	1
30	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
31	72833GT	DECAL,LABEL,OPEN,LATCH	2
32	72867GT	DECAL,LABEL,LIGHTS***	1
33	82366GT	DECAL,CHEVRON RANDO HD	1
34	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
35	97893GT	DECAL,NOTICE,SIDE FRC/WINDANSI	1
37	114117GT	DECAL,BATT CONN DIAGRAM	1
38	114129GT	LABEL, PCON SOFTWARE,Z40 to SN Z40N15-2761	1
39	114130GT	LABEL,TCON SOFTWARE,Z40 to SN Z40N15-2761	1
40	114131GT	DECAL,TIRE SPECS	4
41	114132GT	DECAL,GROUND CONTROL PANEL,Z40	1
42	114133GT	DECAL,PLATFORM CONTROL PANEL	1
43	114134GT	DECAL,OP INST.,PLATFORM (to SN Z40N11-990)	1
44	114156GT	DECAL,GENIE Z40/23N option	1
46	114180GT	DECAL,WHEEL LOAD	4
47	114114GT	DECAL,LABEL,TRANSPORT	1
48	114350GT	DECAL,AC INVERTER POWER,115V	2
49	114389GT	DECAL,DANGER,GENERAL SAFETY	2
50	114390GT	DECAL,DANGER,ELECT HAZARD***	2
51	114397GT	DECAL,DANGER,TILT ALARM	1
52	114427GT	DECAL,LABEL,CLEAR	1
53	227131GT	DECAL,OPER INST,Z40 PLAT AUS (from SN Z40N11-991)	1
54	227213GT	DECAL,OPER INST,DC BOOM GND AU (from SN Z40N11-991)	1
55	1256898GT	LABEL,TCON SOFTWARE,Z40 from SN Z40N15-2762	1
56	1256899GT	LABEL, PCON SOFTWARE,Z40 from SN Z40N15-2762	1

102.1 Decals with Symbols, Z-40/23N RJ



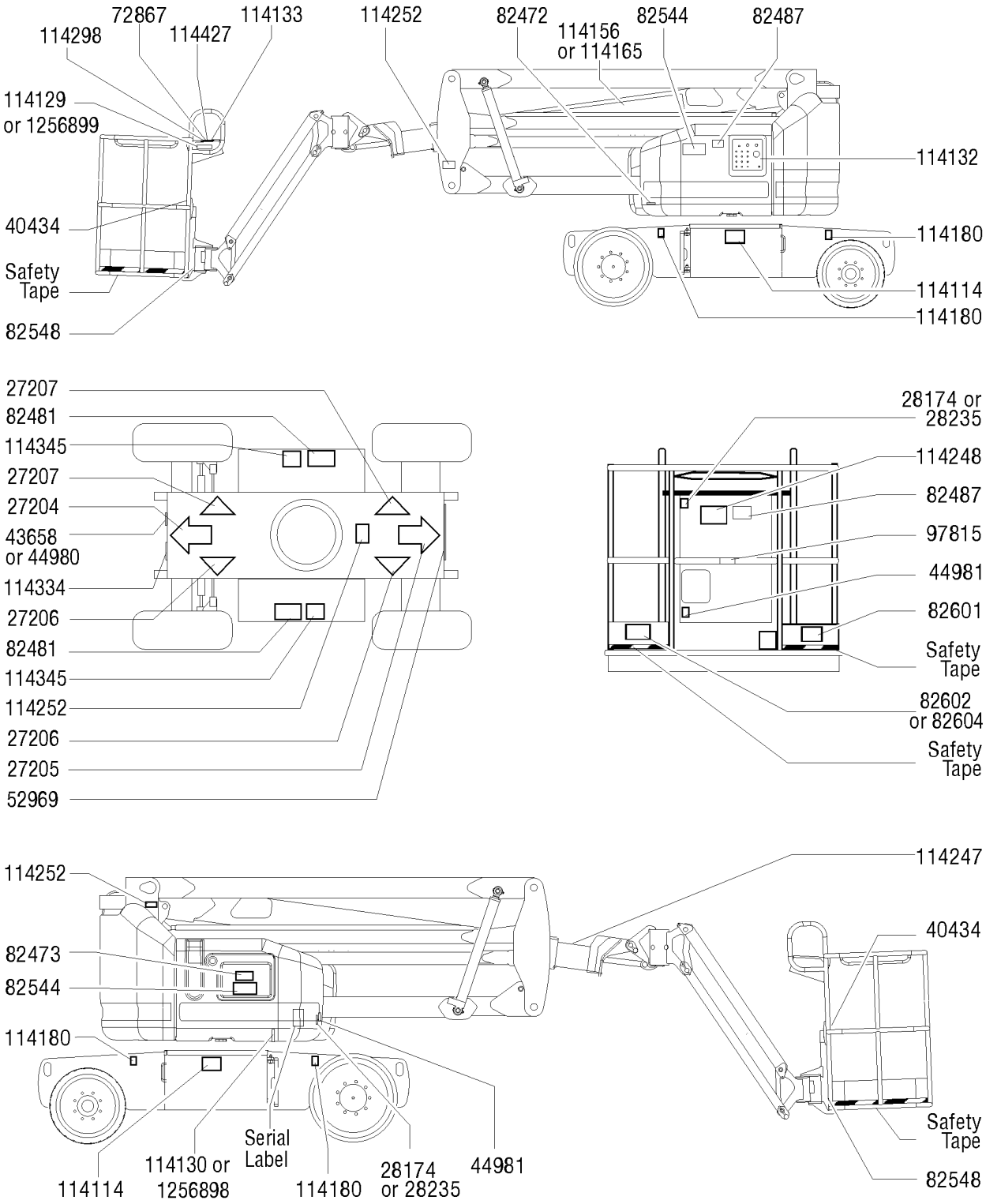
Item	Part No.	Description	Qty.
	119875GT	DECAL KIT SYMBOLS Z40 does not include items 8-10, and 22-25	
	1298977GT	DECAL KIT,PLAT Z40/Z34/Z30,SYMBOL platform kit from SN 100 to 3999	
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	28174GT	DECAL,POWER TO PLATFORM 230V	2
6	28235GT	DECAL,POWER TO PLATFORM 115V	2
7	40434GT	DECAL,LANYARD ANCHORAGE POINT	2
8	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
9	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
10	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
11	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
12	72867GT	DECAL,LABEL,LIGHTS***	1
13	82472GT	DECAL,WARNING,CRUSHING HAZARD	4
14	82473GT	DECAL,SYMBOL-COMP ACCESS	1
15	82481GT	DECAL,SYMBOL-BATTERY SAFETY	2
16	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
17	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
18	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
19	82601GT	DECAL,LABEL,MAX CAPACITY***	1
20	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
21	82604GT	DECAL,DANGER,SIDE FRC 400N	1
22	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
23	114129GT	LABEL, PCON SOFTWARE,Z40 to SN Z40N15-2761	1
24	114130GT	LABEL,TCON SOFTWARE,Z40 to SN Z40N15-2761	1
25	114132GT	DECAL,GROUND CONTROL PANEL,Z40	1
26	114133GT	DECAL,PLATFORM CONTROL PANEL	1

102.1 Decals with Symbols, Z-40/23N RJ



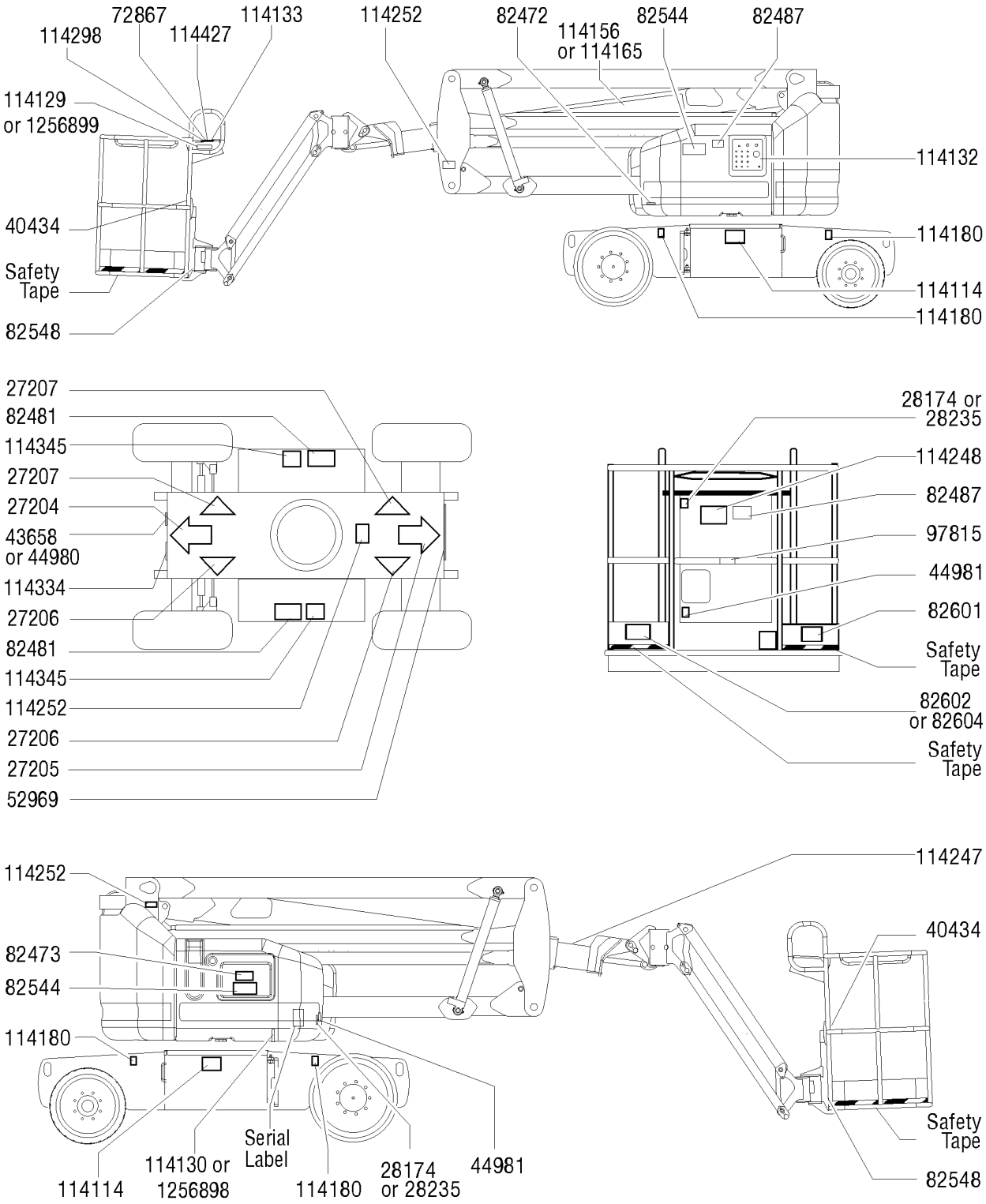
Item	Part No.	Description	Qty.
28	114165GT	DECAL,GENIE Z40/23NRJ option	1
29	114180GT	DECAL,WHEEL LOAD	4
30	114247GT	DECAL,LABEL,FALL HAZARD***	1
31	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY	1
32	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	1
33	114298GT	DECAL,LABEL,DRIVE ENABLE PATCH	1
34	114334GT	DECAL SYMBOL ELECTRIC HAZARD PLUG	1
35	114114GT	DECAL,LABEL,TRANSPORT	2
36	114345GT	DECAL,LABEL,TIPOVER,BATTERIES	2
37	114427GT	DECAL,LABEL,CLEAR	1
38	1256898GT	LABEL,TCON SOFTWARE,Z40 from SN Z40N15-2762	1
39	1256899GT	LABEL, PCON SOFTWARE,Z40 from SN Z40N15-2762	1

102.2 Decals with Symbols, Z-40/23N



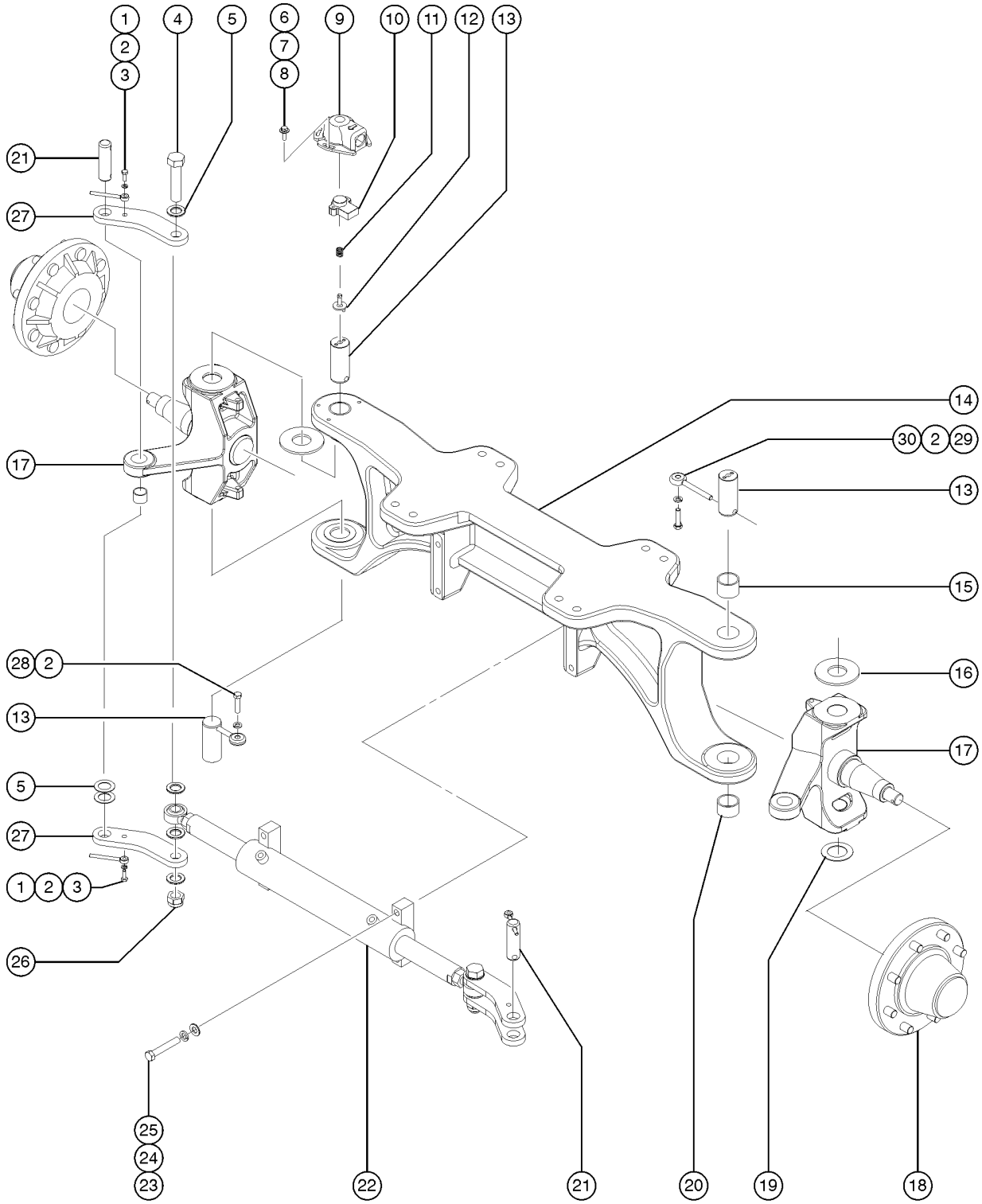
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	119875GT	DECAL KIT SYMBOLS Z40 does not include items 8-10, and 22-25	
	1298977GT	DECAL KIT,PLAT Z40/Z34/Z30,SYMBOL platform kit from SN 100 to 3999	
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	28174GT	DECAL,POWER TO PLATFORM 230V	2
6	28235GT	DECAL,POWER TO PLATFORM 115V	2
7	40434GT	DECAL,LANYARD ANCHORAGE POINT	2
8	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
9	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
10	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
11	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
12	72867GT	DECAL,LABEL,LIGHTS***	1
13	82472GT	DECAL,WARNING,CRUSHING HAZARD	4
14	82473GT	DECAL,SYMBOL-COMP ACCESS	1
15	82481GT	DECAL,SYMBOL-BATTERY SAFETY	2
16	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
17	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
18	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
19	82601GT	DECAL,LABEL,MAX CAPACITY***	1
20	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
21	82604GT	DECAL,DANGER,SIDE FRC 400N	1
22	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
23	114129GT	LABEL, PCON SOFTWARE,Z40 to SN Z40N15-2761	1
24	114130GT	LABEL,TCON SOFTWARE,Z40 to SN Z40N15-2761	1
25	114132GT	DECAL,GROUND CONTROL PANEL,Z40	1
26	114133GT	DECAL,PLATFORM CONTROL PANEL	1

102.2 Decals with Symbols, Z-40/23N



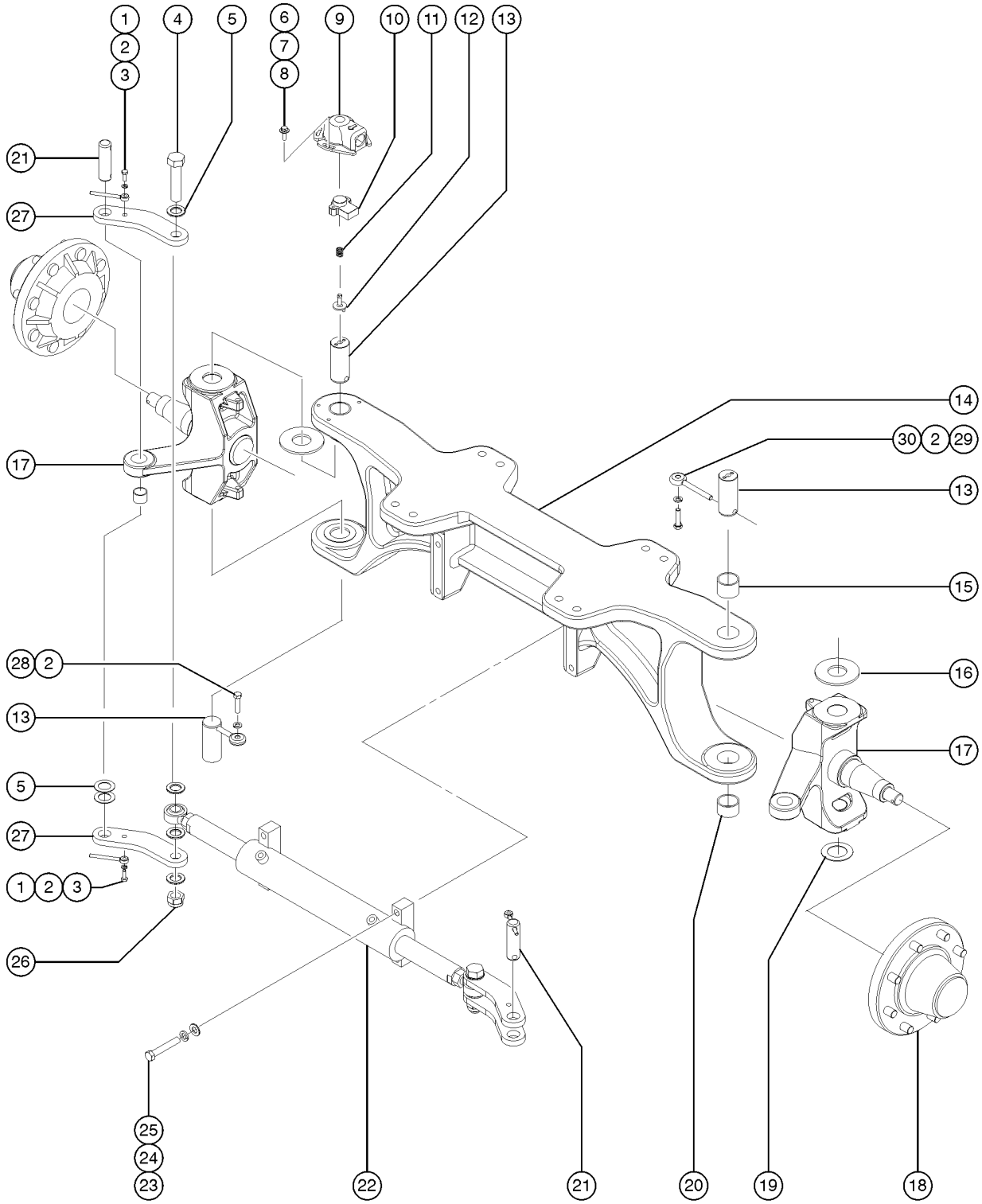
Item	Part No.	Description	Qty.
27	114156GT	DECAL,GENIE Z40/23N option	1
29	114180GT	DECAL,WHEEL LOAD	4
30	114247GT	DECAL,LABEL,FALL HAZARD***	1
31	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY	1
32	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	1
33	114298GT	DECAL,LABEL,DRIVE ENABLE PATCH	1
34	114334GT	DECAL SYMBOL ELECTRIC HAZARD PLUG	1
35	114114GT	DECAL,LABEL,TRANSPORT	2
36	114345GT	DECAL,LABEL,TIPOVER,BATTERIES	2
37	114427GT	DECAL,LABEL,CLEAR	1
38	1256898GT	LABEL,TCON SOFTWARE,Z40 from SN Z40N15-2762	1
39	1256899GT	LABEL, PCON SOFTWARE,Z40 from SN Z40N15-2762	1

201.1 Front Axle Assembly



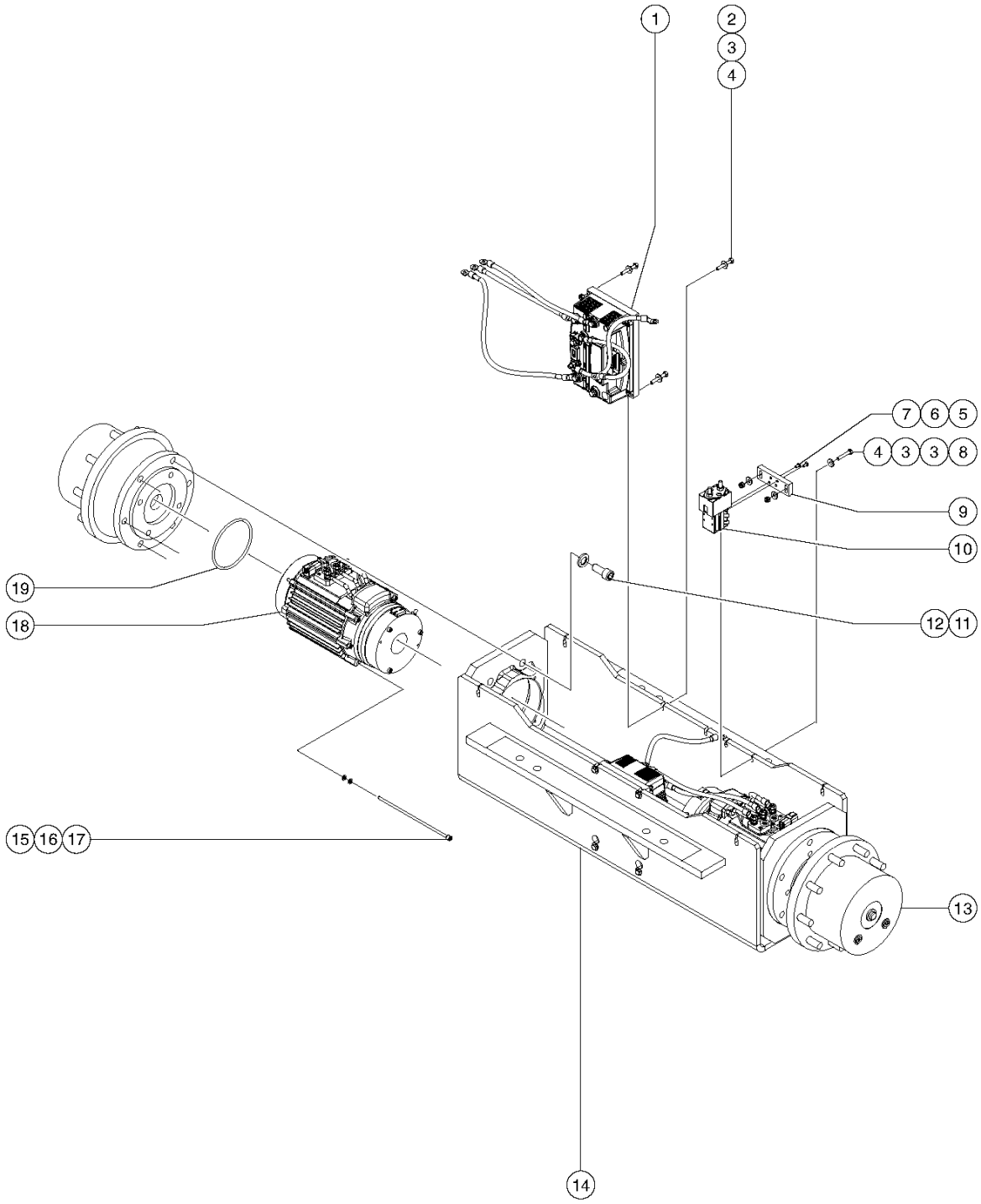
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	1255452GT	ROD END,.375 X 2.25,ZAG	
4	110622GT	SCREW,HHC,M20 X 90 GR.8.8	
5	33278GT	WASHER, FLAT, .75 HARDENED	
6	6888GT	SCREW, HHC, 1/4-20 X 1	
7	6356GT	WASHER, LOCK, .25	
8	6638GT	WASHER, FLAT, USS, 1/4"Y	
9	110998GT	SUBASSY,STEER SENSOR includes items 10	1
9-	110452GT	COVER,STEERING SENSOR	
10	110533GT	SENSOR,STEER ANGLE	1
11	119910GT	SPRING,COMP,300 OD X .63LG	1
12	110556GT	STEER SENSOR ACTUATOR,HEX	1
13	110370GT	PIN,1.5DIA X 3.45LG,1 HOLE	4
14	119876GT	FRONT AXLE ASSY,Z40 includes item 15 and 20	1
15	110876GT	BEARING,1.5"ID X 1.75OD X1.25L	2
16	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
17	119877GT	STEER YOKE ASSY,Z40	2
17-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
18	45043GT	HUB ASSEMBLY MODEL#60-8***	2
18-	45110GT	SEAL-GREASE,MODEL 60-8	
18-	40145GT	BEARING RACE (LARGE) (45873) inner cone not included	
18-	40146GT	BEARING RACE (SMALL) (45873) outer cone not included	
18-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	
18-	45111GT	CAP,DUST,45873 HUB KIT	
19	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
20	119426GT	BUSHING,1.5ID X 1.75OD X 1.1LG	2
21	110875GT	PIN,1.00DIAX3.44LG,2HOLE	2

201.1 Front Axle Assembly



Item	Part No.	Description	Qty.
22	110362GT	CYLINDER,STEER,DOUBLE RODDED**	1
22-	119427GT	SEAL KIT (110362) for 110362	
22-	128514GT	ROD END,20MM,Z40 STEER CYL***	
22-	1259444GT	GLAND NUT ASSY,Z40 STEER CYL for 110362	
23	10598GT	SCREW,HHC,1/2-13 X 3	
24	6033GT	WASHER,LOCK,0.5"	
25	13066GT	WASHER,FLAT,.5 HARDENED	
26	67443GT	NUT,NYLOCK,M20X2.50	
27	110871GT	PLATE,STEERING LINK,MACHINED**	4
28	8516GT	SCREW, HCC, 3/8-16 X 1.50	
29	825019GT	ROD END, .375X3.69, ZAG	4
30	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	

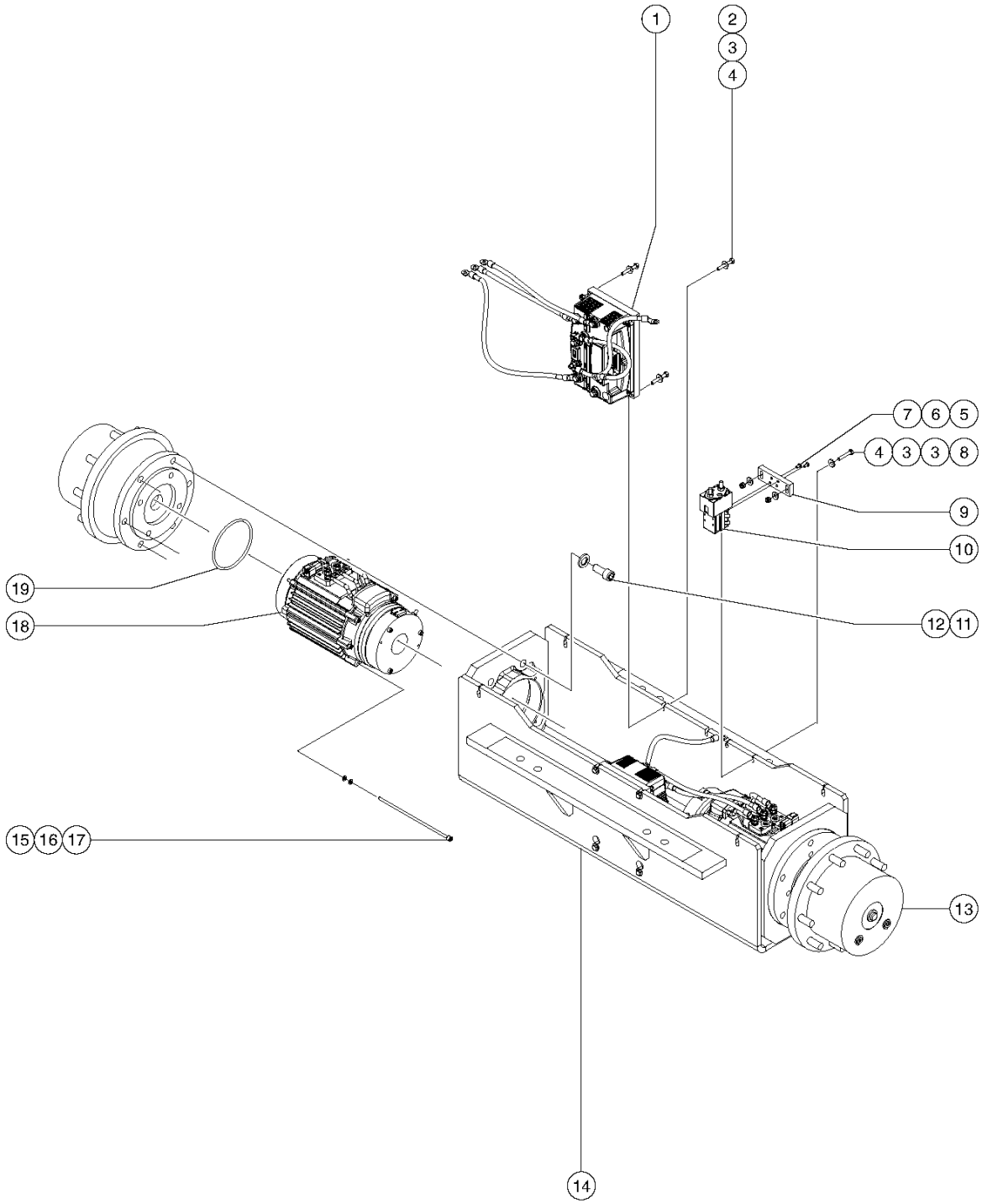
202.1 Rear Axle Assembly (to Z40N15-2823)



202.1 Rear Axle Assembly (to Z40N15-2823)

Item	Part No.	Description	Qty.
1	110665GT	MOTOR CONTROLLER,48VAC,3PH	2
1-	119781GT	MOUNT,CABLE TIE,SWIVEL,NYLON to SN 1158	
1-	226254GT	CLAMP,CABLE,MOTOR CONTROLLER from SN 1159	
2	128030GT	SCREW,SHC,1/4-20 X 1.75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT,NYLOCK,1/4-20	
5	49818GT	SCREW,PHILLIPS,PHM,10-32 X .38	
6	6607GT	WASHER,LOCK,#10 PLTD	
7	49413GT	WASHER,FLAT, M5 YELLOW ZINC	
8	6145GT	SCREW, HHC, 1/4-20 X 1.5	
9	110880GT	BRACKET,CONTACTOR MOUNT	1
10	74267GT	CONTACTOR,DRIVE,24V,180A***	1
10-	74468GT	SPRING, RETURN (FOR 74267)	
10-	74469GT	FIXED CONTACT (FOR 74267)	
10-	74470GT	MOVING CONTACT (FOR PN 74267)	
11	19418GT	SCREW,SHC,5/8-11 X 1.75	12
12	13064GT	WASHER,FLAT,.625 HARDENED	12
13	107712GT	WHEEL DRIVE, Z-40*** (Seal Kit 1286600, Bearing Kit 1286601)	2
13-	58320GT	KIT,TORQUE HUB COVER(101584)** for 107712	
13-	74714GT	BEARING KIT-74097 TORQUE HUB** for 107712 (inventory limited to stock on hand as component is no longer available), replace by 1286601GT	
13-	1286601GT	BEARING KIT,WHEEL DRIVE (106148/106445/107712) for 107712	
13-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) for 107712 (inventory limited to stock on hand as component is no longer available)	
13-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) for 107712	
13-	106123GT	O-RING,END COVER,4HP/4HB*** for 107712	
13-	232486GT	SNAP RING,WHEEL DRIVE for 107712 (large snap ring for end cover)	
13-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** for 107712	
14	110561GT	WELDMENT,REAR AXLE	1
15	119438GT	SCREW,SHC,M6 X 224 X 30,GR 8.8	4

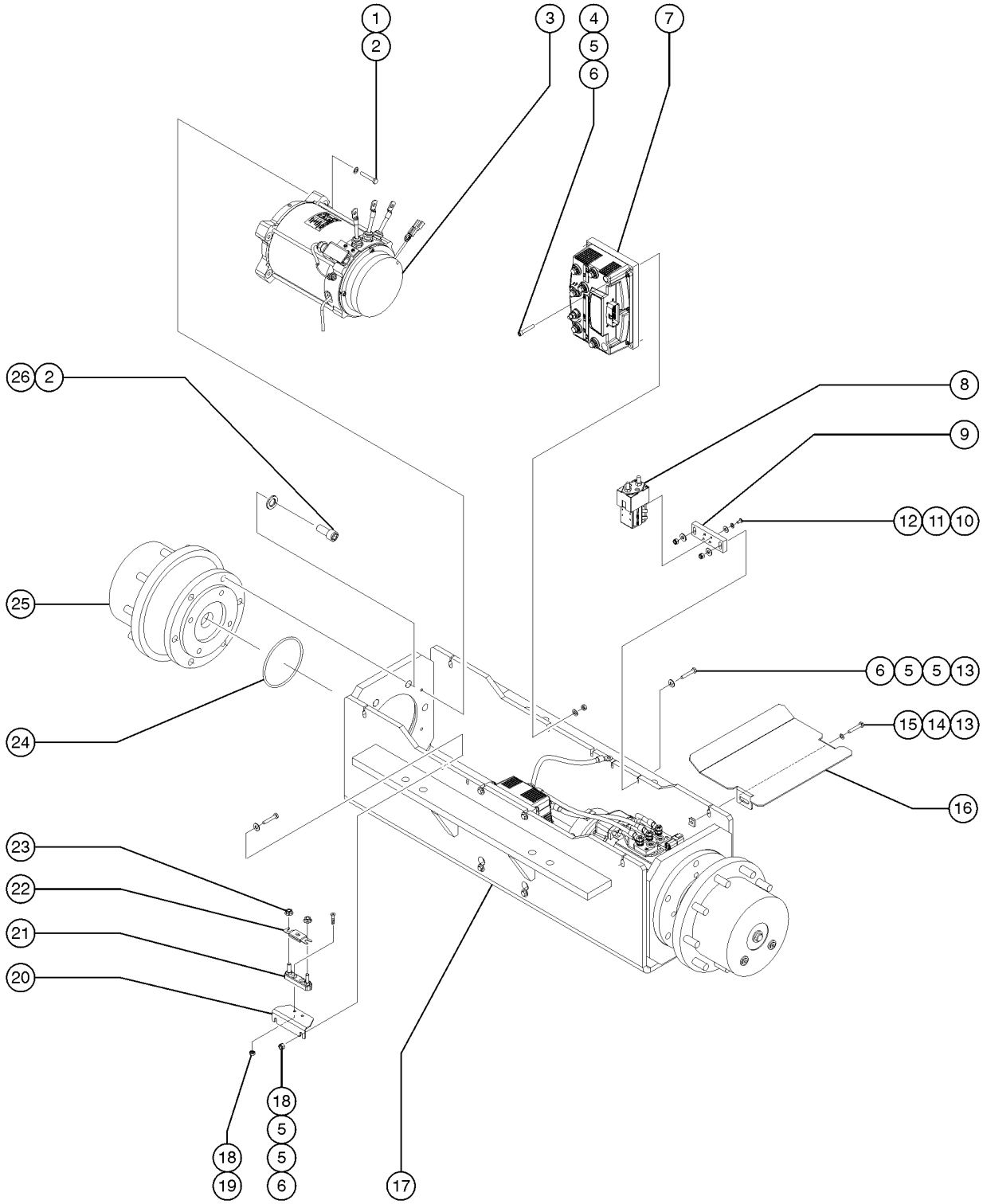
202.1 Rear Axle Assembly (to Z40N15-2823)



202.1 Rear Axle Assembly (to Z40N15-2823)

Item	*Part No.*	*Description*	*Qty.*
16	49407GT	WASHER,LOCK,M6	
17	25926GT	WASHER,FLAT,M6 PLTD.	
18	110356GT	MOTOR,DRIVE,AC 4.3KW W/BRAKE use until exhausted	2
18-	119899GT	BRAKE (110356) Z40	
18-	9990076GT	TERMINAL BLOCK KIT	
19	110965GT	O-RING,.188 X 5'OD,BUNA N,70A	2

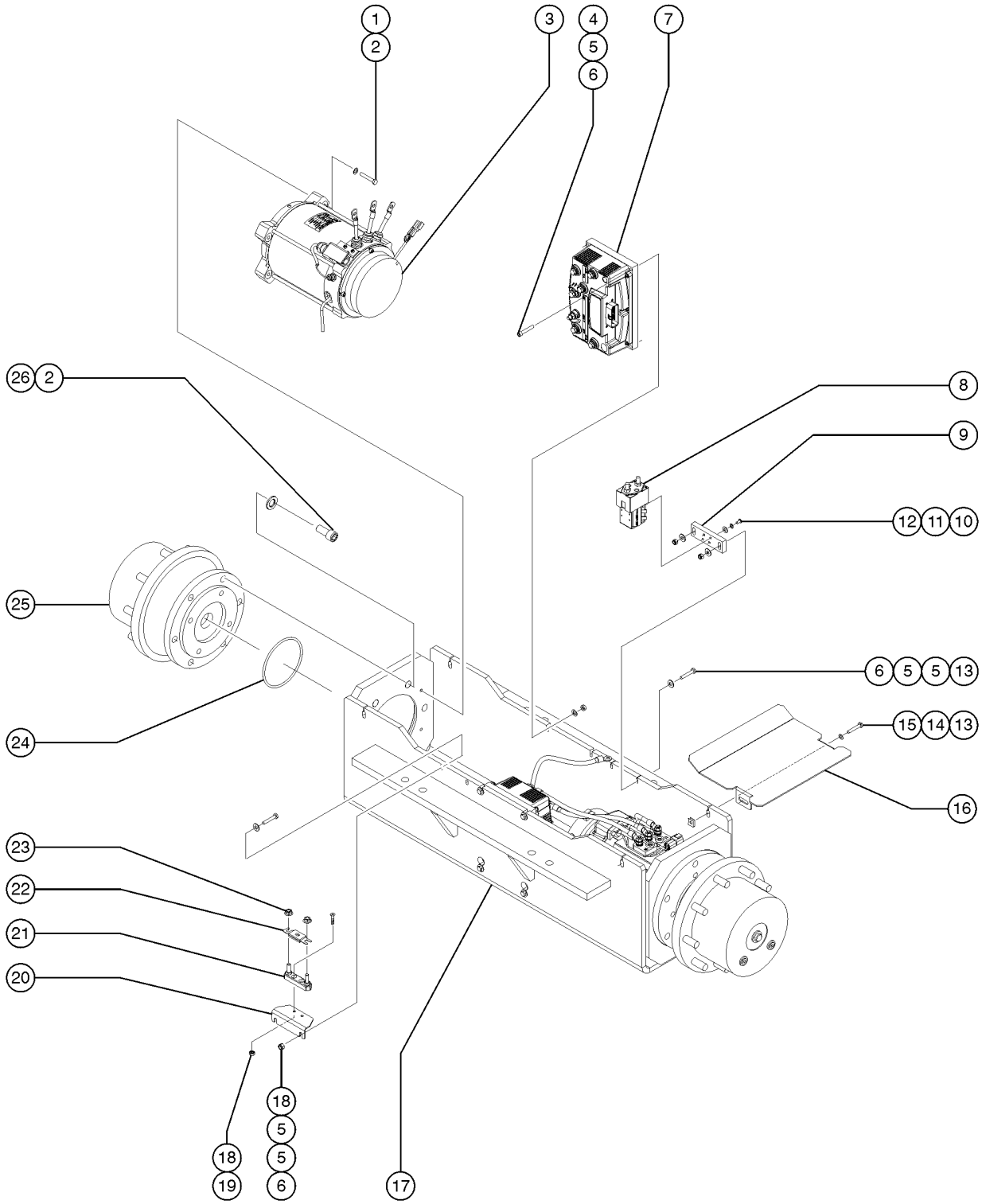
202.2 Rear Axle Assembly (from Z40N15-2824)



202.2 Rear Axle Assembly (from Z40N15-2824)

Item	Part No.	Description	Qty.
1	50793GT	SCREW,HHC,5/16-18 X 2	4
2	13064GT	WASHER,FLAT,.625 HARDENED	12
3	1255013GT	MOTOR, DRIVE, AC, INT.BRK, Z40	2
3-	1283975GT	BOLT SERVICE KIT M8 X 250 for 1255013	
3-	1283976GT	OIL SEAL 30X52X7 for 1255013	
3-	1283977GT	O-RING 180X3.55 GB/T3452.1 for 1255013	
3-	1283978GT	BEARING (NSK 6207-ZZ/C3) for 1255013	
3-	1283979GT	BEARING (NSK 6206-ZZ/C3) for 1255013	
3-	1283980GT	WAVY SPRING (D62) JB/T7590 for 1255013	
3-	1283981GT	O-RING 160X3.55 GB/T3452.1 for 1255013	
3-	1283982GT	CABLE GLAND M16X1.5 for 1255013	
3-	1283983GT	CABLE GLAND M12X1.5 for 1255013	
3-	1283984GT	CONNECTOR SERVICE KIT DTM04-6P for 1255013	
3-	1283985GT	SPEED SENSOR SERVICE KIT for 1255013	
3-	1283986GT	PULSE WHEEL SERVICE KIT 64 for 1255013	
3-	1283987GT	BRAKE SERVICE KIT for 1255013	
3-	1283988GT	VENT SERVICE KIT for 1255013	
3-	1283989GT	RETAINING RING M72 GB/T893.1 for 1255013	
3-	1283990GT	THERMAL SENSOR SERVICE KIT for 1255013	
3-	1283991GT	CONNECTOR BRACKET SERVICE KIT for 1255013	
3-	1283992GT	PULSE WHEEL COVER SERVICE KIT for 1255013	
3-		Brake	
4	128030GT	SCREW,SHC,1/4-20 X 1.75	8
5	6638GT	WASHER, FLAT, USS, 1/4"Y	12
6	6091GT	NUT,NYLOCK,1/4-20	12
7	110665GT	MOTOR CONTROLLER,48VAC,3PH	2
7-	226254GT	CLAMP,CABLE,MOTOR CONTROLLER	
8	74267GT	CONTACTOR,DRIVE,24V,180A***	1

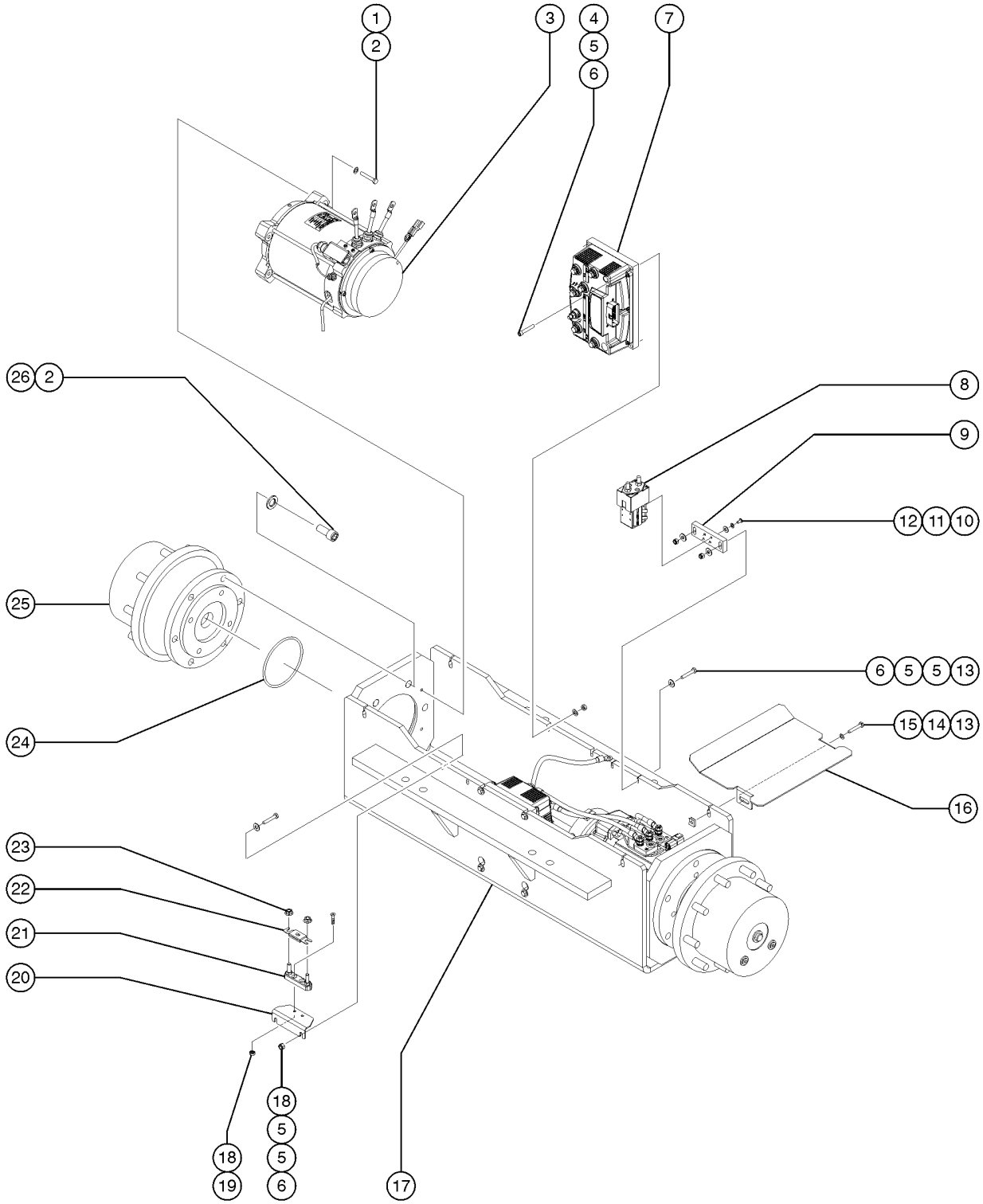
202.2 Rear Axle Assembly (from Z40N15-2824)



202.2 Rear Axle Assembly (from Z40N15-2824)

Item	Part No.	Description	Qty.
8-	74468GT	SPRING, RETURN (FOR 74267)	
8-	74469GT	FIXED CONTACT (FOR 74267)	
8-	74470GT	MOVING CONTACT (FOR PN 74267)	
9	110880GT	BRACKET,CONTACTOR MOUNT	1
10	49818GT	SCREW,PHILLIPS,PHM,10-32 X .38	
11	6607GT	WASHER,LOCK,#10 PLTD	
12	49413GT	WASHER,FLAT, M5 YELLOW ZINC	
13	6145GT	SCREW, HHC, 1/4-20 X 1.5	
14	6356GT	WASHER, LOCK, .25	
15	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
16	110554GT	COVER,REAR AXLE	2
17	236301GT	MACHINING, HUB MOUNT, Z40	1
18	6873GT	SCREW,FHM,10-32 X 1	2
19	6178GT	NUT, NYLOCK, 10-32	2
20	119432GT	FORMING,FUSE MOUNT BRACKET	1
21	66717GT	FUSE BLOCK, ANN & ANL FUSE	1
22	18576GT	FUSE,200 AMP	1
23	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	2
24	110965GT	O-RING,.188 X 5'OD,BUNA N,70A	2
25	107712GT	WHEEL DRIVE. Z-40*** (Seal Kit 1286600, Bearing Kit 1286601)	2
25-	58320GT	KIT,TORQUE HUB COVER(101584)** for 107712	
25-	74714GT	BEARING KIT-74097 TORQUE HUB** for 107712 (inventory limited to stock on hand as component is no longer available), replace by 1286601GT	
25-	1286601GT	BEARING KIT,WHEEL DRIVE (106148/106445/107712) for 107712	
25-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) for 107712 (inventory limited to stock on hand as component is no longer available)	
25-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) for 107712	
25-	106123GT	O-RING,END COVER,4HP/4HB*** for 107712	
25-	232486GT	SNAP RING,WHEEL DRIVE for 107712 (large snap ring for end cover)	
25-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** for 107712	

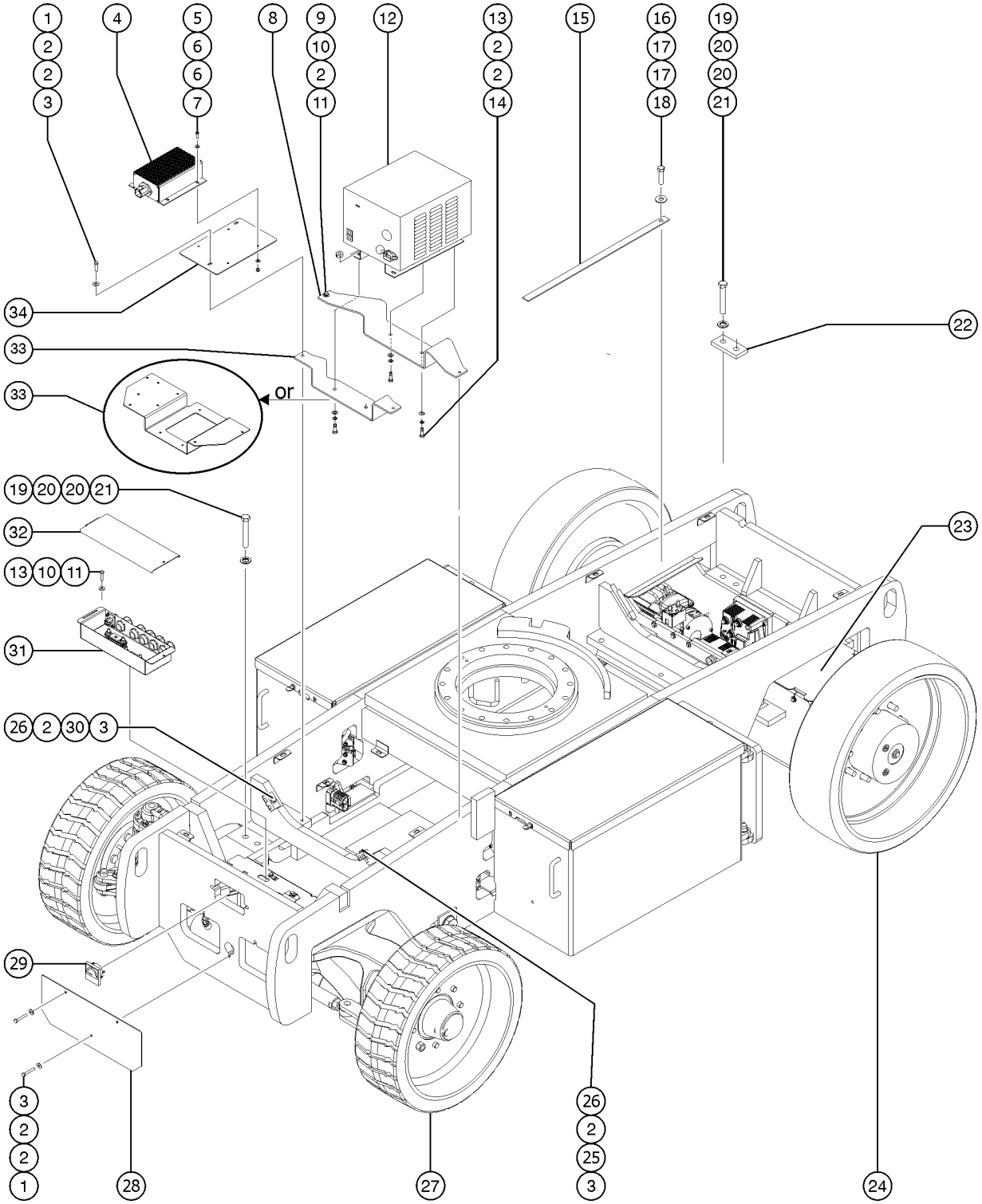
202.2 Rear Axle Assembly (from Z40N15-2824)



202.2 Rear Axle Assembly (from Z40N15-2824)

Item	*Part No.*	*Description*	*Qty.*
26	19418GT	SCREW,SHC,5/8-11 X 1.75	8

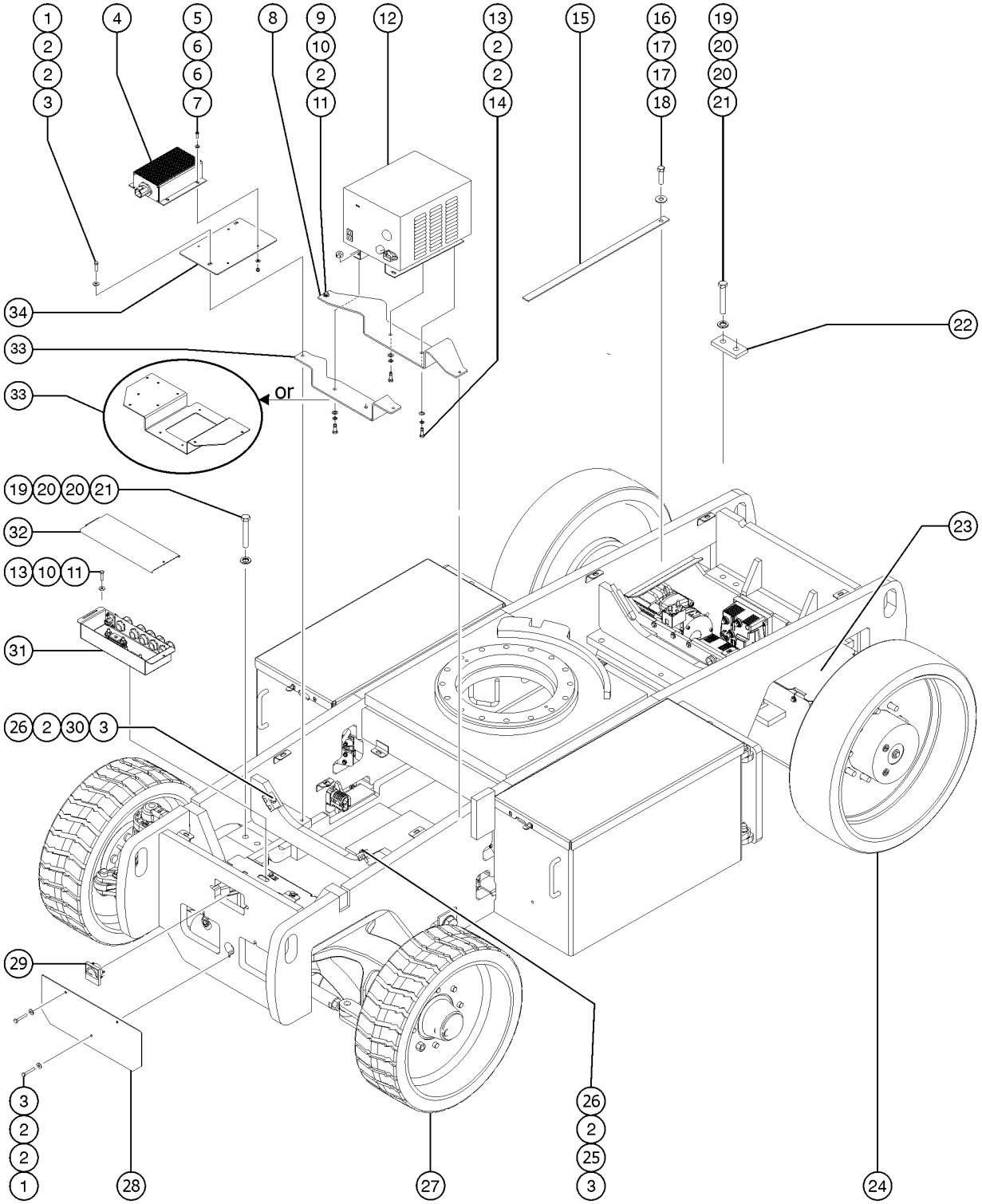
203.1 Drive Chassis Components - View 1



203.1 Drive Chassis Components - View 1

Item	Part No.	Description	Qty.
1	6637GT	SCREW,HHC,1/4-20 X 1.75	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6091GT	NUT,NYLOCK,1/4-20	
4	79452GT	CONVERTER, DC-DC, 48-26 VOLT**	1
4-	216186GT	DC-DC CONVERTER, RETRO KIT	
4-	216228GT	HARNESS, KIT,48-24 CONVERTER,	
5	49826GT	SCREW,PHILLIPS,PHM,10-32 X.625	
6	6146GT	WASHER,FLAT,MS,#10,Y	
7	6178GT	NUT, NYLOCK, 10-32	
8A	110886PGT	FORMING,REAR CHARGER MOUNT (to SN 1901)	1
8B	216397GT	MOUNTING BKT,DC-DC CONVERTER (one bracket per machine) (from SN 1902)	1
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	6356GT	WASHER, LOCK, .25	
11	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
12		Ref. CHARGER (refer to 208.1 or 208.2)	
13	6090GT	SCREW, HHC, 1/4-20 X .75	
14	6889GT	NUT,LP NYLOCK,1/4-20	
15	107578GT	GROUND STRAP,24"LONG	1
16	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
17	6095GT	WASHER,FLAT,USS,1/2",Y	
18	6198GT	NUT, NYLOCK, 1/2-13	
19	59746GT	SCREW,HHC,5/8-11 X 4.0***	16
20	13064GT	WASHER,FLAT,.625 HARDENED	32
21	110878GT	NUT,NYLOCK,5/8-11,GR.8	
22	110619PGT	PLATE,REAR AXLE BOLT SPACER	4
23	110554PGT	COVER,REAR AXLE PAINTED	2
24	110877GT	TIRE/WHEEL ASSY,REAR,N-MARK Solid, Non-marking, rear (9 x 9.5 inch bolt center)	2
24-	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	

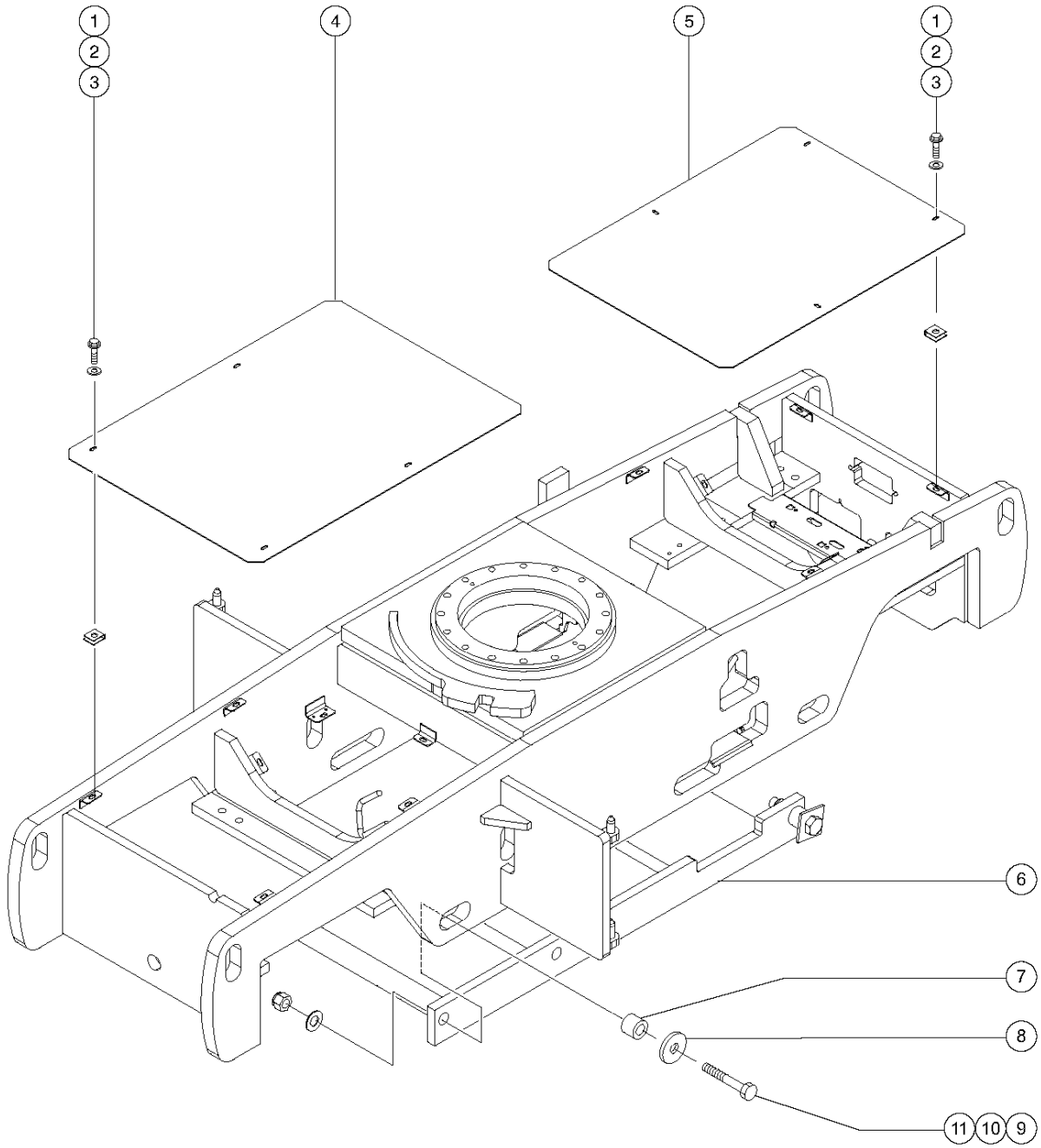
203.1 Drive Chassis Components - View 1



203.1 Drive Chassis Components - View 1

Item	Part No.	Description	Qty.
25	101723GT	CLAMP,HOSE,UHMW	2
26	6145GT	SCREW, HHC, 1/4-20 X 1.5	
27	94908GT	TIRE & WHEEL ASSY,FRONT N-M Solid, Non-marking, front (8 x 8 inch bolt center)	2
27-	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	
28	110609PGT	PLATE,FRONT ACCESS PAINTED	1
29		Ref. AMMETER, 39243/47906/66412 (refer to 208.1)	
30	70606GT	BLOCK,CABLE CLAMP,2/0 DOUBLE	1
31		Ref., ENCLOSURE,FUSE BOX (refer to 206.1)	
32		Ref., COVER, FUSE BOX (refer to 206.1)	
33A	110885PGT	FORMING,FRONT CHARGER MOUNT (to SN 1901)	1
33B	216397GT	MOUNTING BKT,DC-DC CONVERTER (one bracket per machine) (from SN 1902)	1
34	216185GT	MOUNTING BRACKET,DC CONVERTER	1

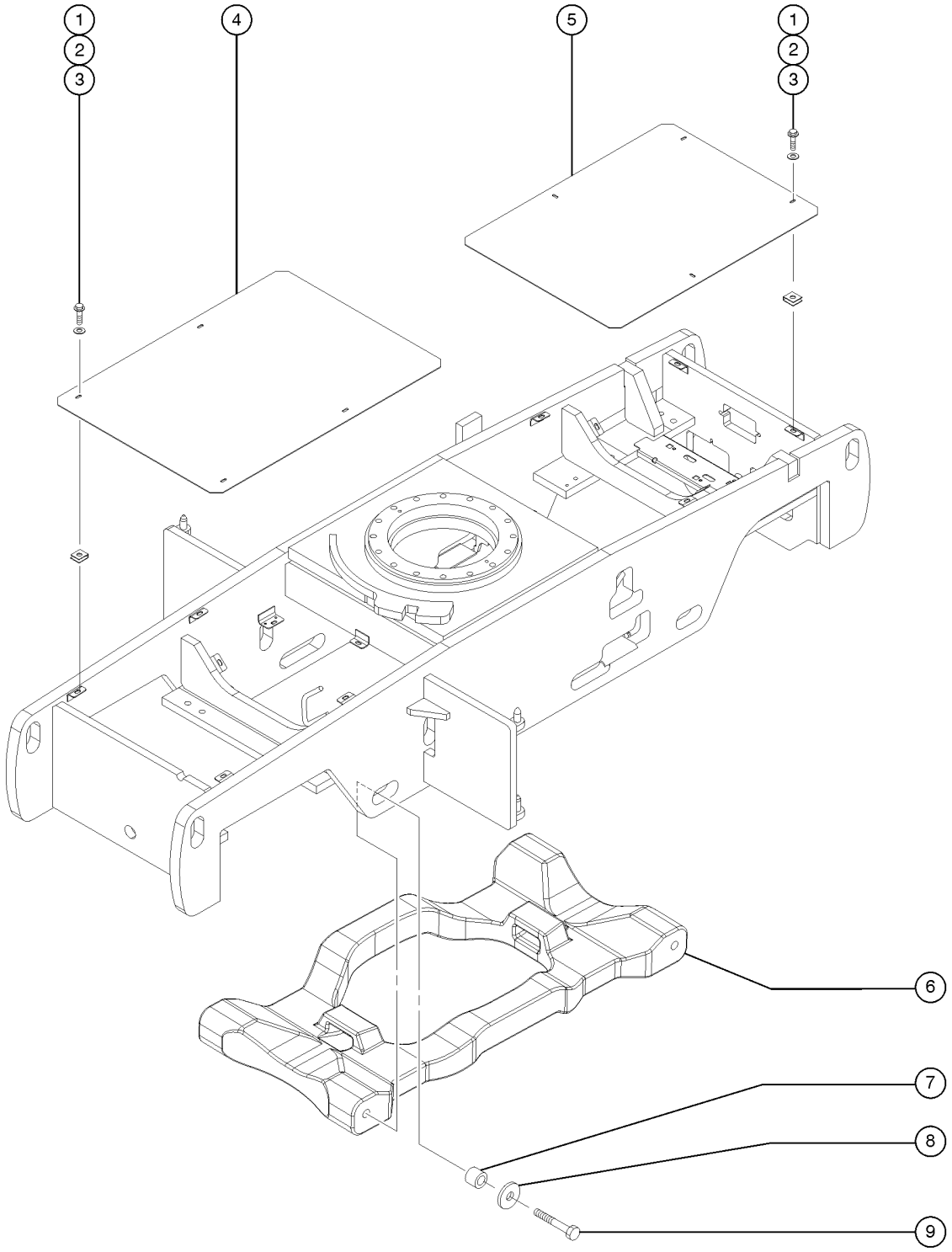
204.1 Drive Chassis Components - View 2 (to SN 197)



204.1 Drive Chassis Components - View 2 (to SN 197)

Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	52707-SGT	COVR W/DECALS,NON-STEER Z45/25	1
5	50770-SGT	COVER,DR CHASSIS FRONT,NON-OSC	1
6	119287GT	COUNTERWEIGHT,CAST,554LBS Required for replacement: Qty 4 P/N 128066	1
7	107574PGT	TUBE,CHASSIS SPACER PAINTED	4
8	119815PGT	PLATE,WASHER,FLAT,RETAINING,PT	4
9	36128GT	SCREW,HHC,1-8 X 5 GRD.2	
10	13775GT	WASHER,FLAT,1.063 X 2 X .134	
11	29764GT	NUT,NYLOCK,1-8	

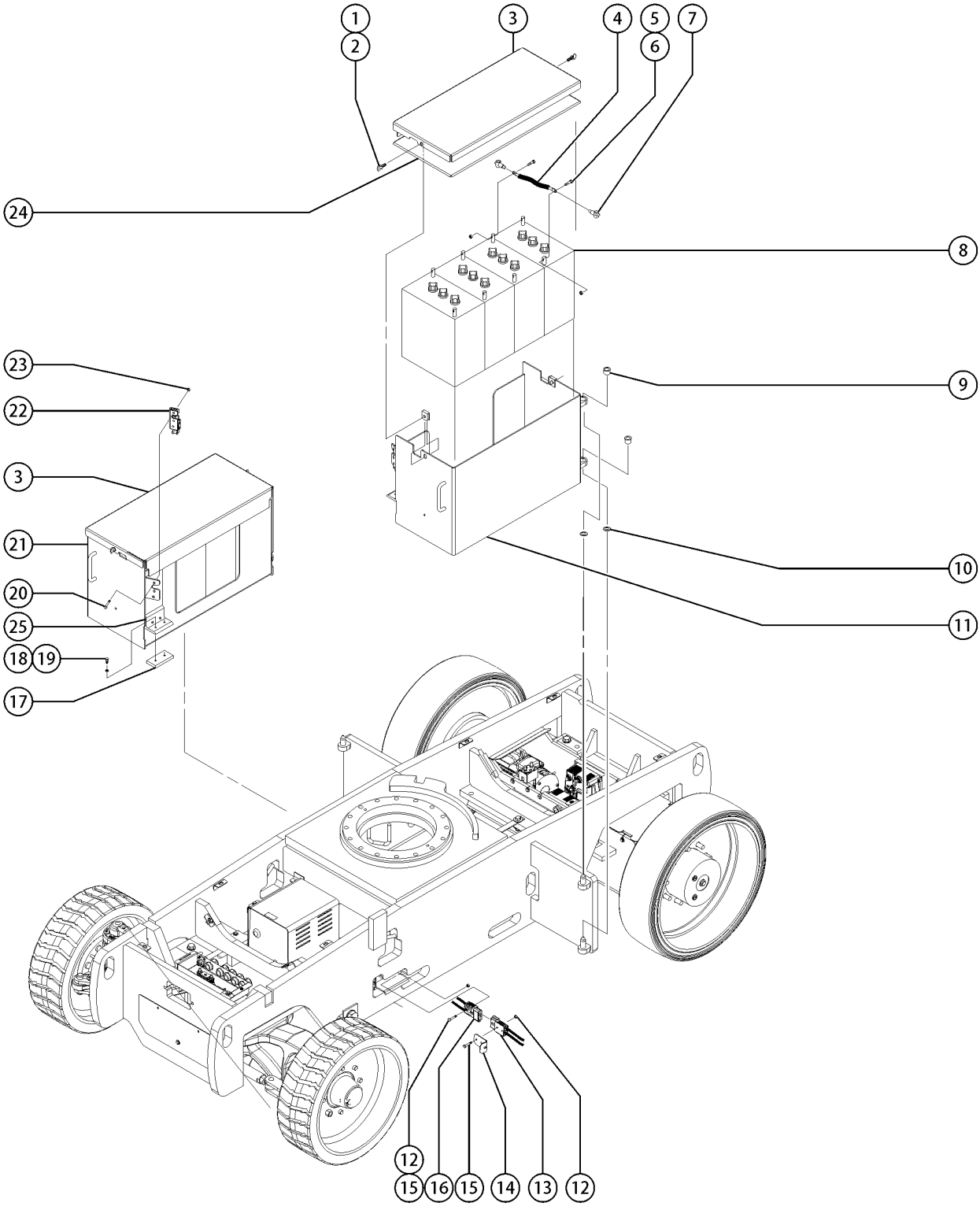
204.2 Drive Chassis Components - View 2 (from SN 198)



204.2 Drive Chassis Components - View 2 (from SN 198)

Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	8
2	6638GT	WASHER, FLAT, USS, 1/4"Y	8
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	8
4	52707-SGT	COVR W/DECALS,NON-STEER Z45/25	1
5	50770-SGT	COVER,DR CHASSIS FRONT,NON-OSC	1
6	119287GT	COUNTERWEIGHT,CAST,554LBS	1
7	107574PGT	TUBE,CHASSIS SPACER PAINTED	4
8	119815PGT	PLATE,WASHER,FLAT,RETAINING,PT	4
9	128066GT	SCREW, HHC, 1-8 X 4, GRID .2	4

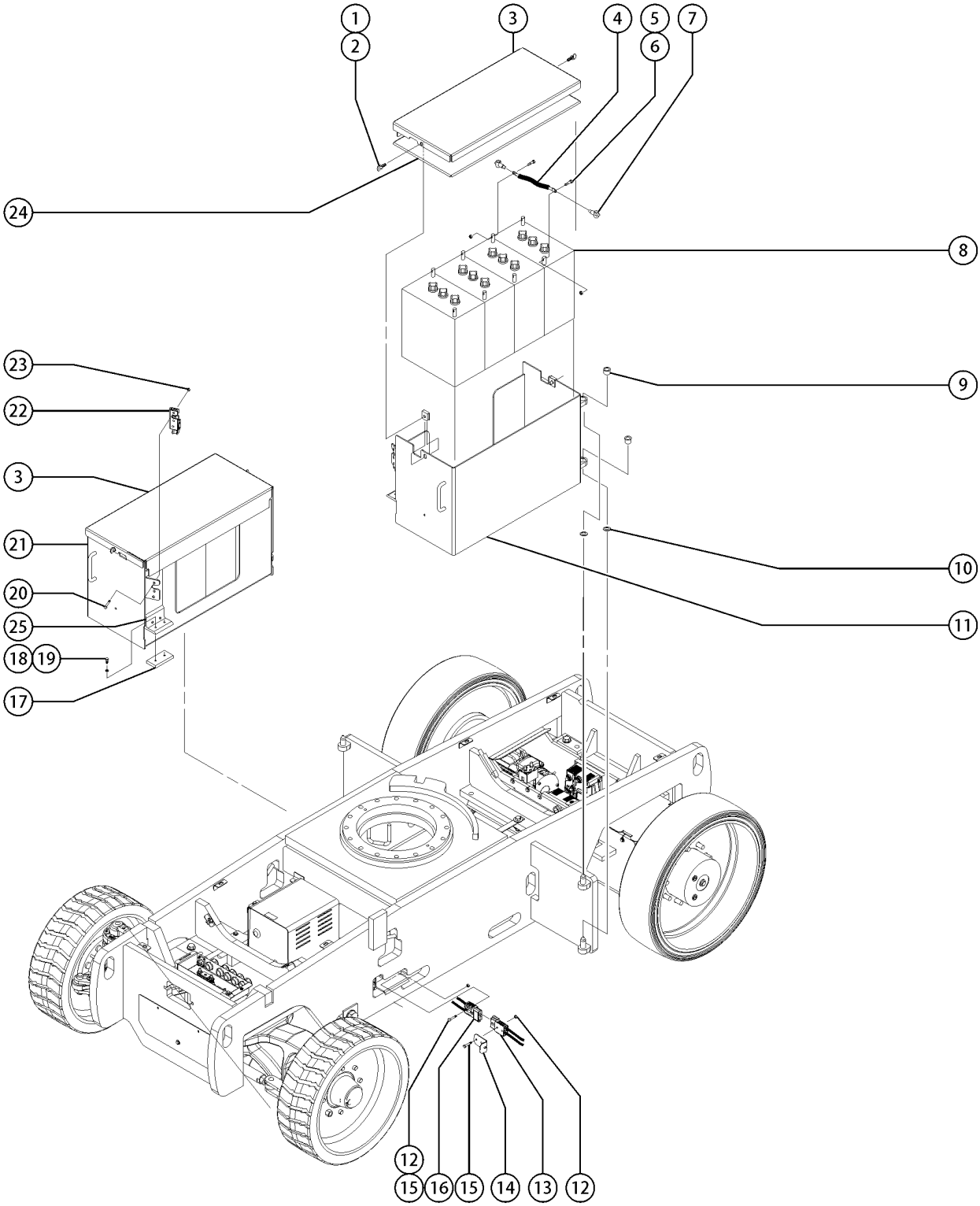
205.1 Drive Chassis Components - View 3



205.1 Drive Chassis Components - View 3

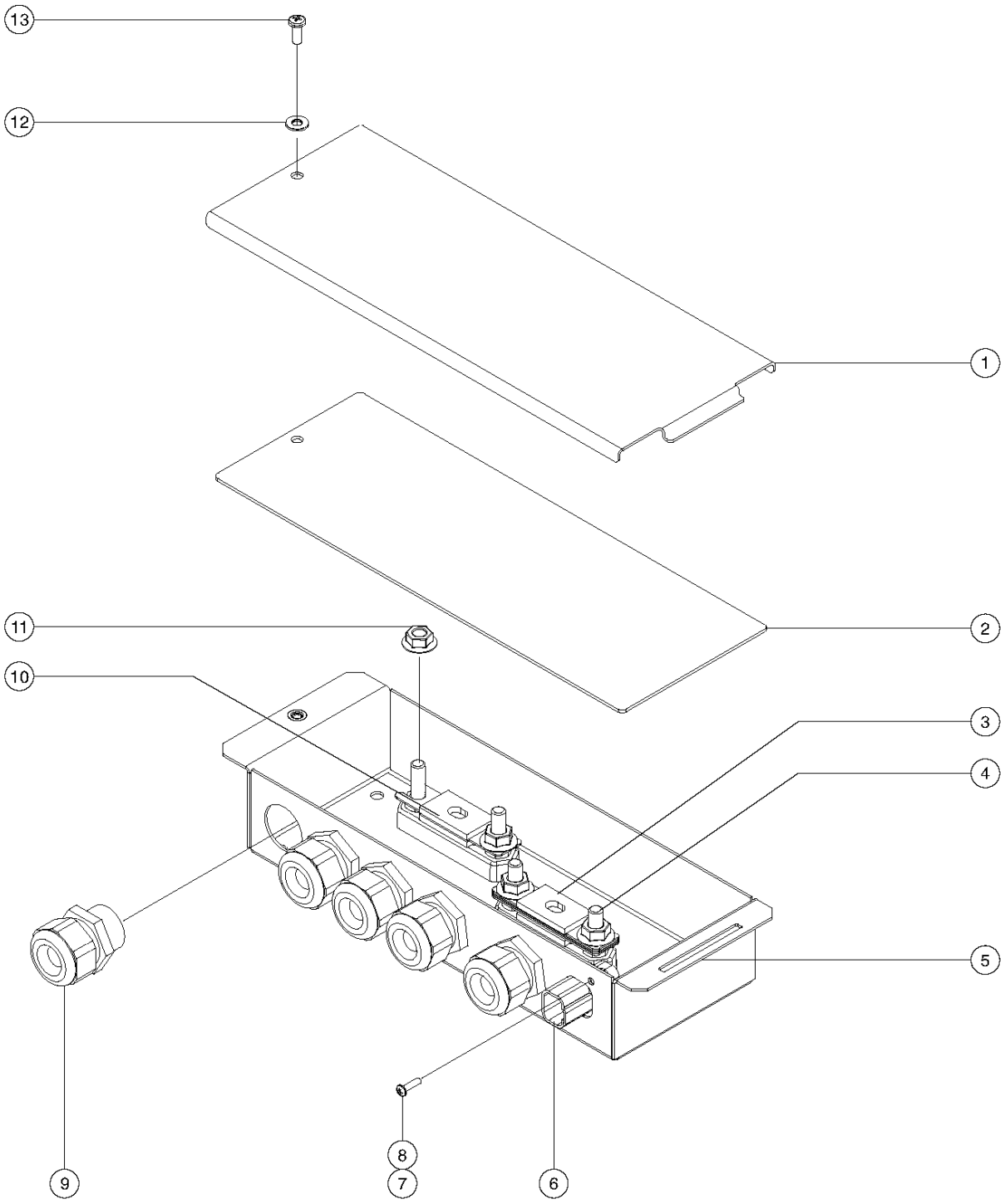
Item	Part No.	Description	Qty.
1	824228GT	SCREW,THUMB,A-REG,3/8-16X1,ZAG	4
2	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
3	119878GT	LID-BATTERY BOX W/DECALS Z40	1
3-	119879GT	LID-BATTERY BOX W/SYMBOLS Z40	
4	19520GT	BATTERY CABLE ASSY,9.5"JUMPER	6
5	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
6	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
7	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	4
8A	56461GT	BATTERY, 390AH L16,WET	8
8B	823684GT	BATTERY,AGM,6V/390A,L16 models with AGM option from SN 1859	8
9	36369GT	BEARING,0.75IDX1.00ODX0.75L	2
10	36212GT	WASHER,THRUST,.75 X 1.38X.13	
11A	119880GT	BATTERY BOX ASSY,LH SIDE Z40 (includes item 9) to SN 2179	1
11B	161941GT	BATTERY BOX ASSY, LH (includes item 9) from SN 2180	1
12	66094GT	NUT-THIN HEAVY HEX, 1/4-20	
13	128015GT	BATTERY CABLE ASSEMBLY (Z40)	2
14	119787PGT	FORMING,BATTERY CONN HANDLE,PT	4
15	8915GT	SCREW, HHC, 1/4-20 X 1.25	
16A	128016GT	BATTERY CABLE ASSEMBLY Z40,LFT to Z40N14-2675	1
16B	128017GT	BATTERY CABLE ASSY Z40,RIGHT to Z40N14-2675	1
16C	1251892GT	HARN ASSY, POWER PACK, Z40 from Z40N14-2676	1
17	45209GT	WEAR PAD,4X2X.5 W/INSERT***	
18	6090GT	SCREW, HHC, 1/4-20 X .75	
19	6356GT	WASHER, LOCK, .25	
20	13000GT	SCREW,HHC,5/16-18 X 1.25	
21A	119881GT	BATTERY BOX ASSY,RH SIDE Z40 (includes item 9) to SN 2179	1
21B	161940GT	BATTERY BOX ASSY, RH (includes item 9) from SN 2180	1
22A	66900GT	LATCH,ROTARY, W/KNOB, LEFT installed on RIGHT side of chassis	1

205.1 Drive Chassis Components - View 3



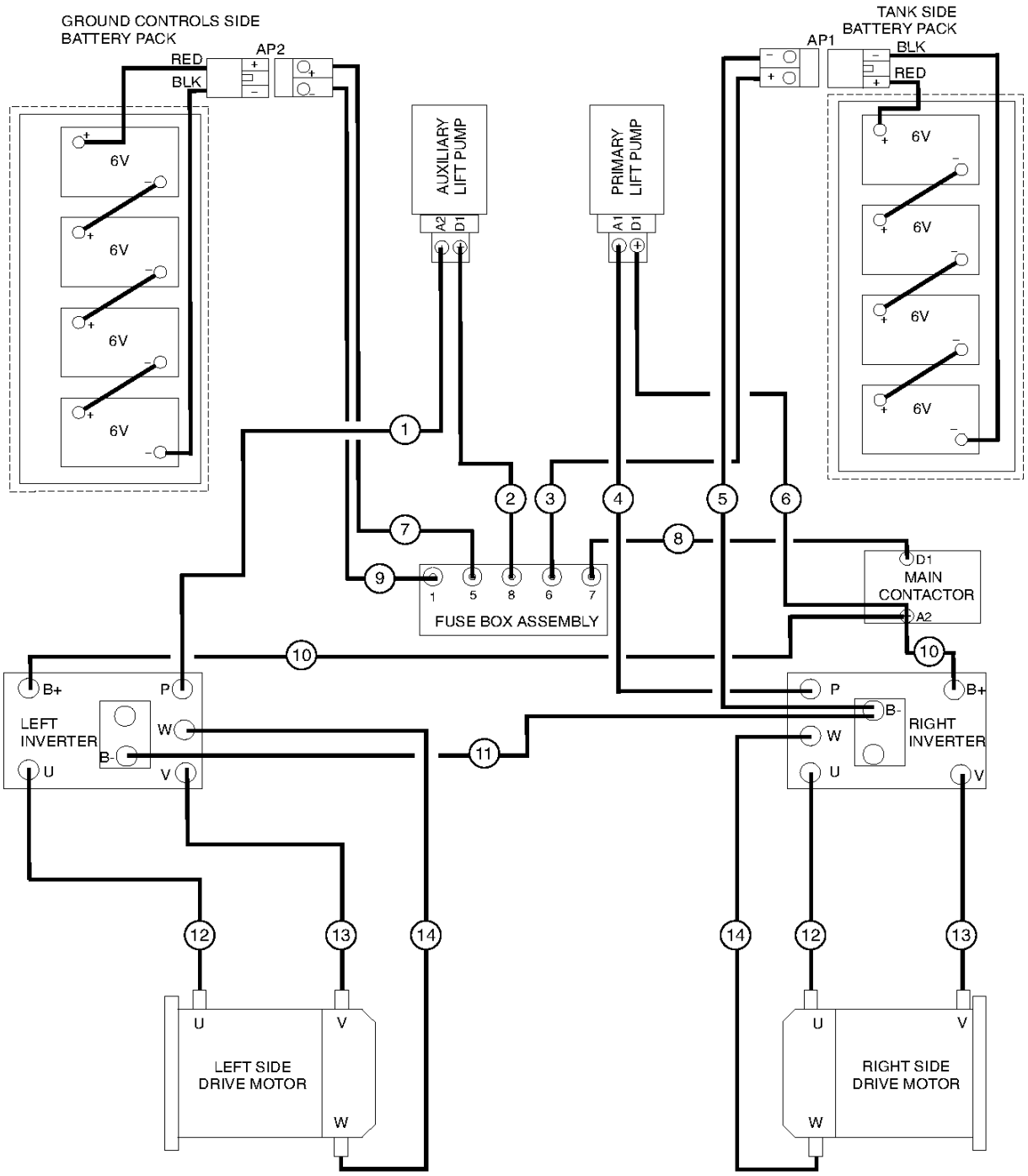
Item	Part No.	Description	Qty.
22B	66901GT	LATCH,ROTARY, W/KNOB,RIGHT (shown) installed on LEFT side of chassis	
23	6002GT	NUT, LP NYLOCK, 5/16-18	
24	106241GT	INSULATION,48V BATT.BOX LID models with AGM option from SN 1859	2
25A	101426PGT	FORMING,BATTERY BOX LATCH RH	
25B	101425PGT	FORMING,BATTERY BOX LATCH LH	

206.1 Fuse Box Assembly



Item	Part No.	Description	Qty.
	119402GT	ASSEMBLY, ENCLOSURE, FUSE BOX	
1	119399GT	FORMING,COVER,FUSE BOX	1
2	119400GT	GASKET,FUSE ENCLOSURE	1
3	43179GT	FUSE,500 AMP,VERY FAST ACTING	1
4	66717GT	FUSE BLOCK, ANN & ANL FUSE	2
5	119401GT	FORMING,FUSE BOX	1
6	73723GT	CONN RECEPT,FLANGED	1
7	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
8	12344GT	NUT,NYLOCK,6-32	
9	70684GT	STRAIN RELIEF, 3/4, NPT, GRY	5
10	18576GT	FUSE,200 AMP	1
11	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
12	6146GT	WASHER,FLAT,MS,#10,Y	
13	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	

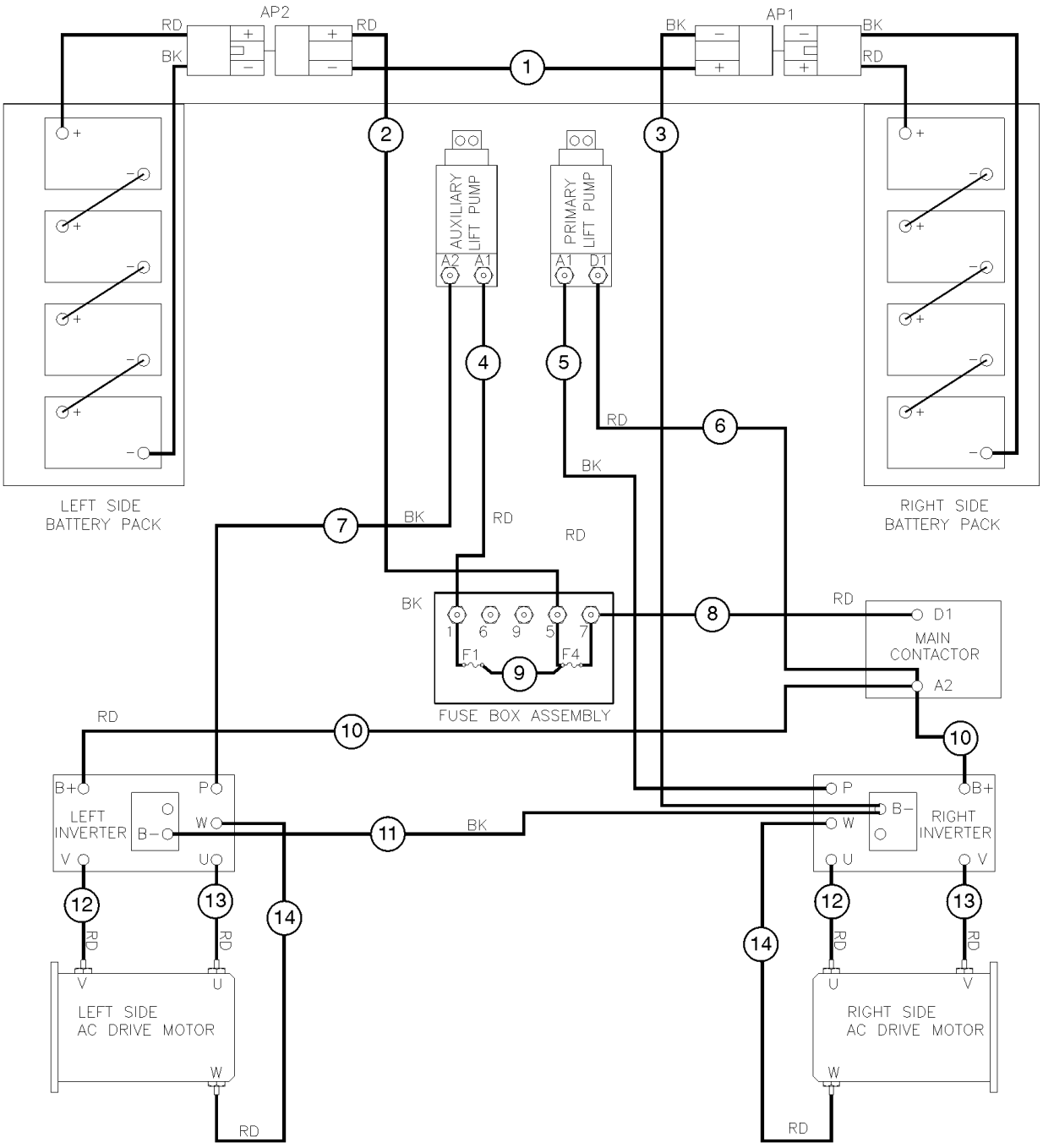
207.1 Power Cables (to SN Z40N15--2778)



207.1 Power Cables (to SN Z40N15--2778)

Item	Part No.	Description	Qty.
1	110809-9500GT	CABLE ASSY #4 BLACK 5/16	1
2	110805-9450GT	CABLE ASSY #2 RED 5/16	1
3	110807-4500GT	CABLE ASSY #2 RED ANDERSON	1
4	110811-11250GT	CABLE ASSY #2 BLACK 5/16 & 3/8	1
5	110808-7000GT	CABLE ASSY #2 BLACK ANDERSON	1
6	110810-10600GT	CABLE ASSY #2 RED 5/16 & 3/8	1
7	110807-3750GT	CABLE ASSY #2 RED ANDERSON	1
8	110805-7750GT	CABLE ASSY #2 RED 5/16	1
9	110808-3550GT	CABLE ASSY #2 BLACK ANDERSON	1
10	110805-1700GT	CABLE ASSY #2 RED 5/16	2
11	110806-1300GT	CABLE ASSY #2 BLACK 5/16	1
12	110804-1800GT	CABLE ASSY #4 RED 5/16	2
13	110804-1200GT	CABLE ASSY #4 RED 5/16	2
14	110804-1400GT	CABLE ASSY #4 RED 5/16	2

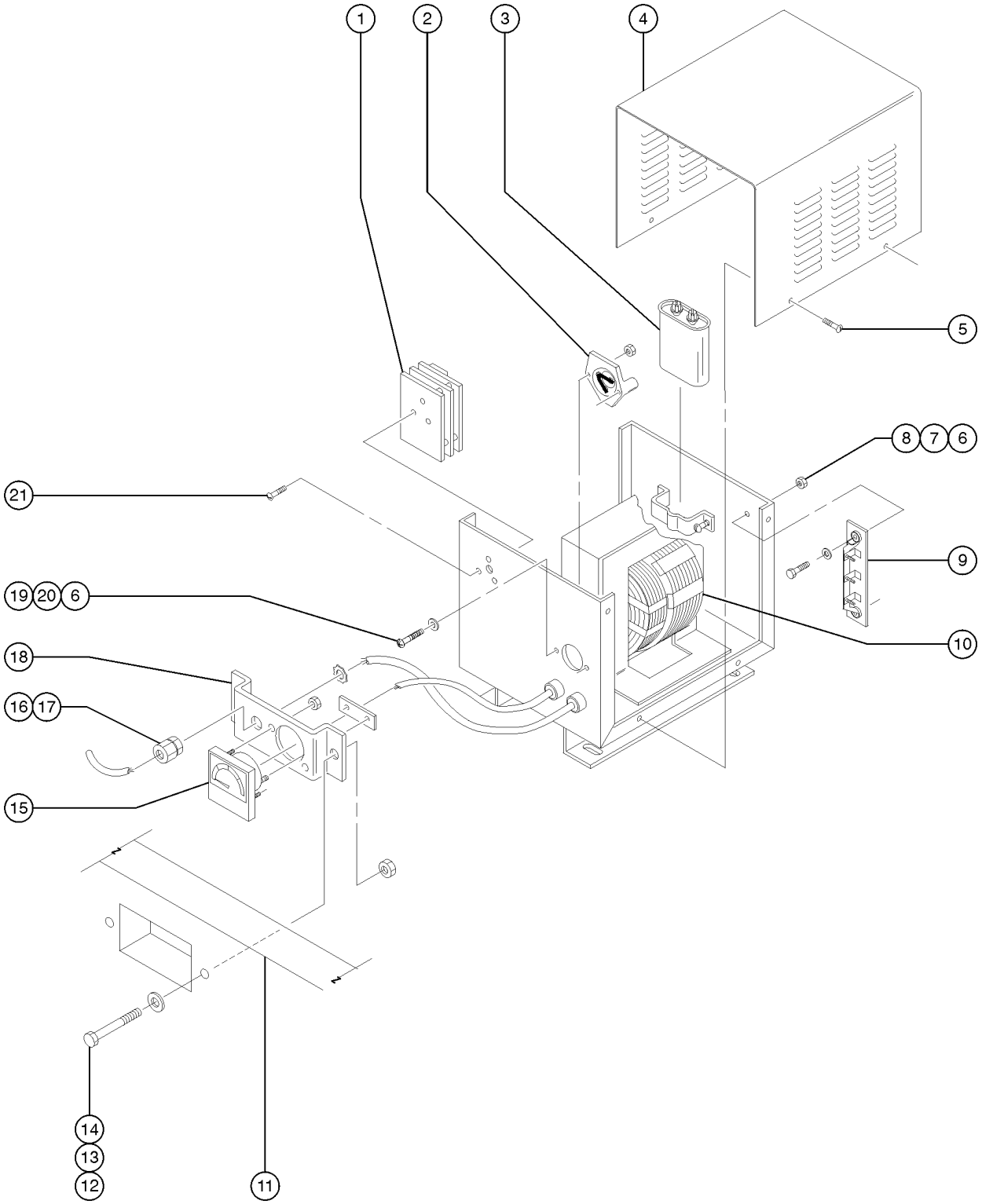
207.2 Power Cables (from Z40N15-2779)



207.2 Power Cables (from Z40N15-2779)

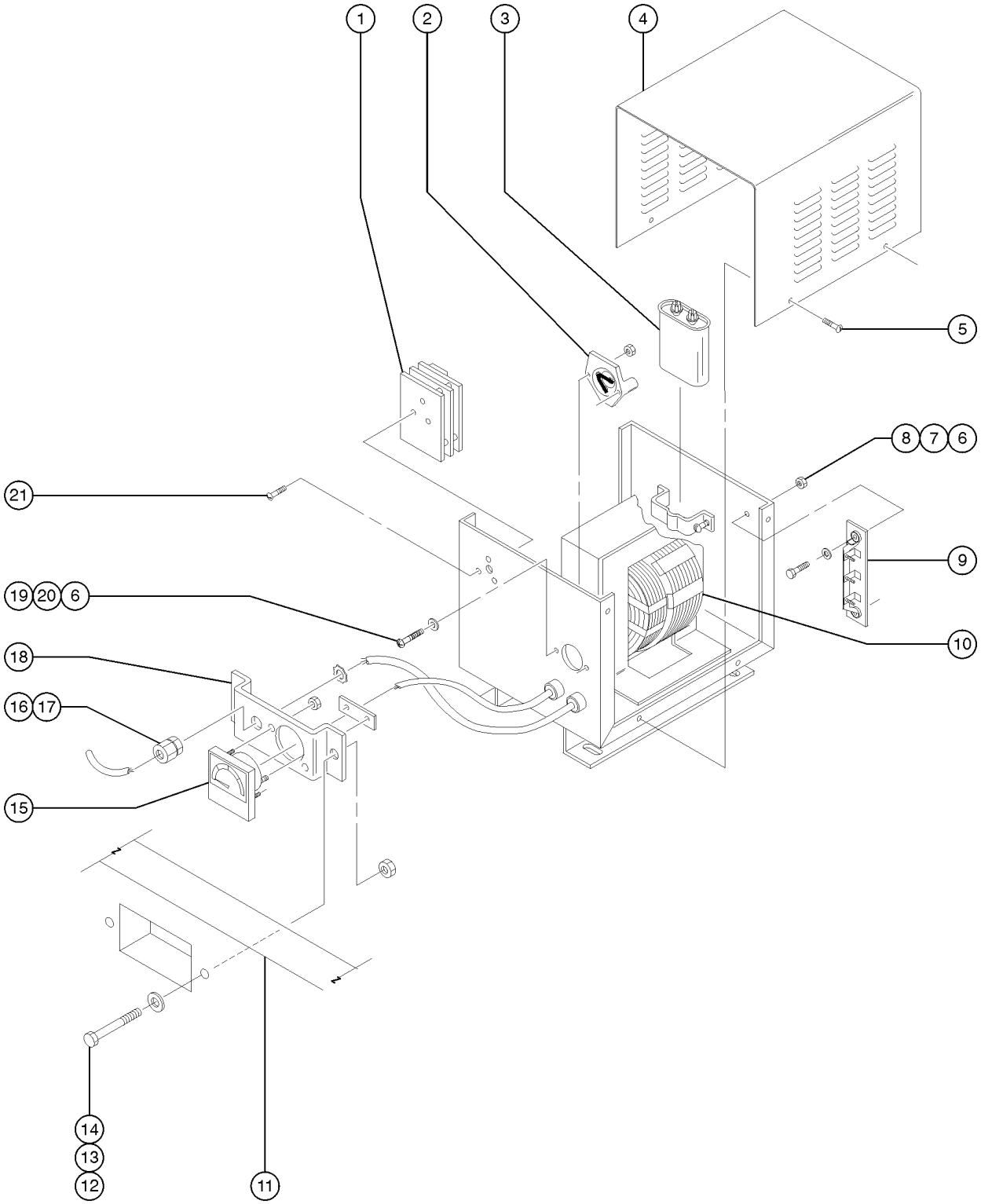
Item	*Part No.*	*Description*	*Qty.*
1	1251859GT	CABLE ASSY, BATT JUMPER, Z40	1
2	110807-3750GT	CABLE ASSY #2 RED ANDERSON	1
3	110808-7000GT	CABLE ASSY #2 BLACK ANDERSON	1
4	1251861GT	CABLE ASSY #4 RED	1
5	110811-11250GT	CABLE ASSY #2 BLACK 5/16 & 3/8	1
6	110810-10600GT	CABLE ASSY #2 RED 5/16 & 3/8	1
7	1251860GT	CABLE ASSY #4 BLACK	1
8	110805-7750GT	CABLE ASSY #2 RED 5/16	1
9	1251915GT	CABLE ASSY, FUSE JUMPER, Z40	1
10	110805-1700GT	CABLE ASSY #2 RED 5/16	2
11	110806-1300GT	CABLE ASSY #2 BLACK 5/16	1
12	110804-1800GT	CABLE ASSY #4 RED 5/16 to SN Z40N15-2824	2
13	110804-1200GT	CABLE ASSY #4 RED 5/16 to SN Z40N15-2824	2
14	110804-1400GT	CABLE ASSY #4 RED 5/16 to SN Z40N15-2824	2

208.1 Battery Charger (to Z40N09-765)



Item	Part No.	Description	Qty.
	54794GT	CHARGER,48V,110VAC,60H,25A	
	54795GT	CHARGER,48V,200-250VAC,50H,25A	
	54796GT	CHARGER,48V,200-250VAC,60H,25A	
	54797GT	CHARGER,48V,100-125VAC,60H,25A	
	58494GT	CHARGER,48V,110/60,12A,EERATNG	
	139720GT	KIT,UNIV CHRGR UPGRADE,Z40/Z45	
	133286GT	DECAL, POWER TO CHARGER, UNIV	
1	27263GT	TIMER (23442)(41896)(36314)	1
1-	18078GT	RELAY,CHARGER TIMER**	
1A	27830GT	TIMER(24059,41897,41898,41899)	1
1A-	19533GT	RELAY,CHARGER .TIMER(19531/32)	
2	13008-6GT	FUSE ASSY-BOOM CHARGER	1
3	13008-3GT	CAPACITOR,6 MFD,660VAC-CHARGR*	1
4	40532GT	CASE COVER ONLY 18710/18720	1
5	40537GT	SCREW,CHARGER COVER,#10 X .5	
6	6178GT	NUT, NYLOCK, 10-32	
7	6146GT	WASHER,FLAT,MS,#10,Y	
8	40538GT	SCREW,HEATSINK/DIODE ASSY	
9	27262GT	HEATSINK ASSY W/DIODES (23442)	1
10A	40398GT	TRNSFRMR(36316 &17)(41898 &99)	1
10B	40523GT	TRANSFORMER,CHARGER36314/41896	
10C	40524GT	TRANSFORMER,CHARGER36315/41897	
11		Ref. Chassis	
12	36294GT	SCREW,HHC,1/4-20 X 2.75	
13	6638GT	WASHER, FLAT, USS, 1/4"Y	
14	6091GT	NUT,NYLOCK,1/4-20	
15		AMMETER-BOOM CHARGER no longer available	1
16	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1

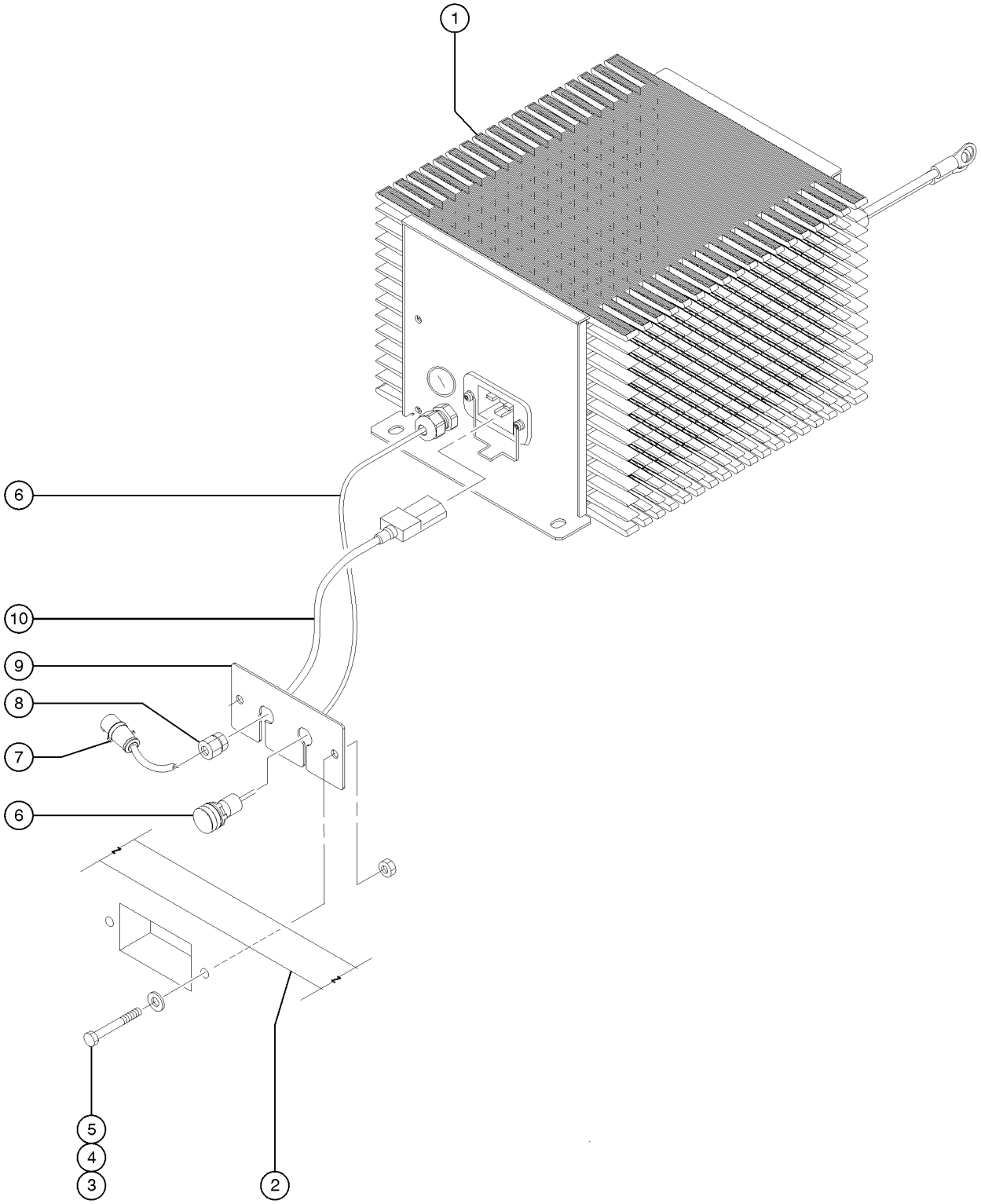
208.1 Battery Charger (to Z40N09-765)



208.1 Battery Charger (to Z40N09-765)

Item	Part No.	Description	Qty.
17	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
18	36313GT	BRACKET,CHARGER GAUGE MOUNTING	1
19	40533GT	SCREW,FUSE ASSY,#7 PHMS X .625	
20	40534GT	WASHER,LOCK,#10, CHARGER FUSE	
21	40536GT	SCREW,TIMER,#8 PHMS X.375	

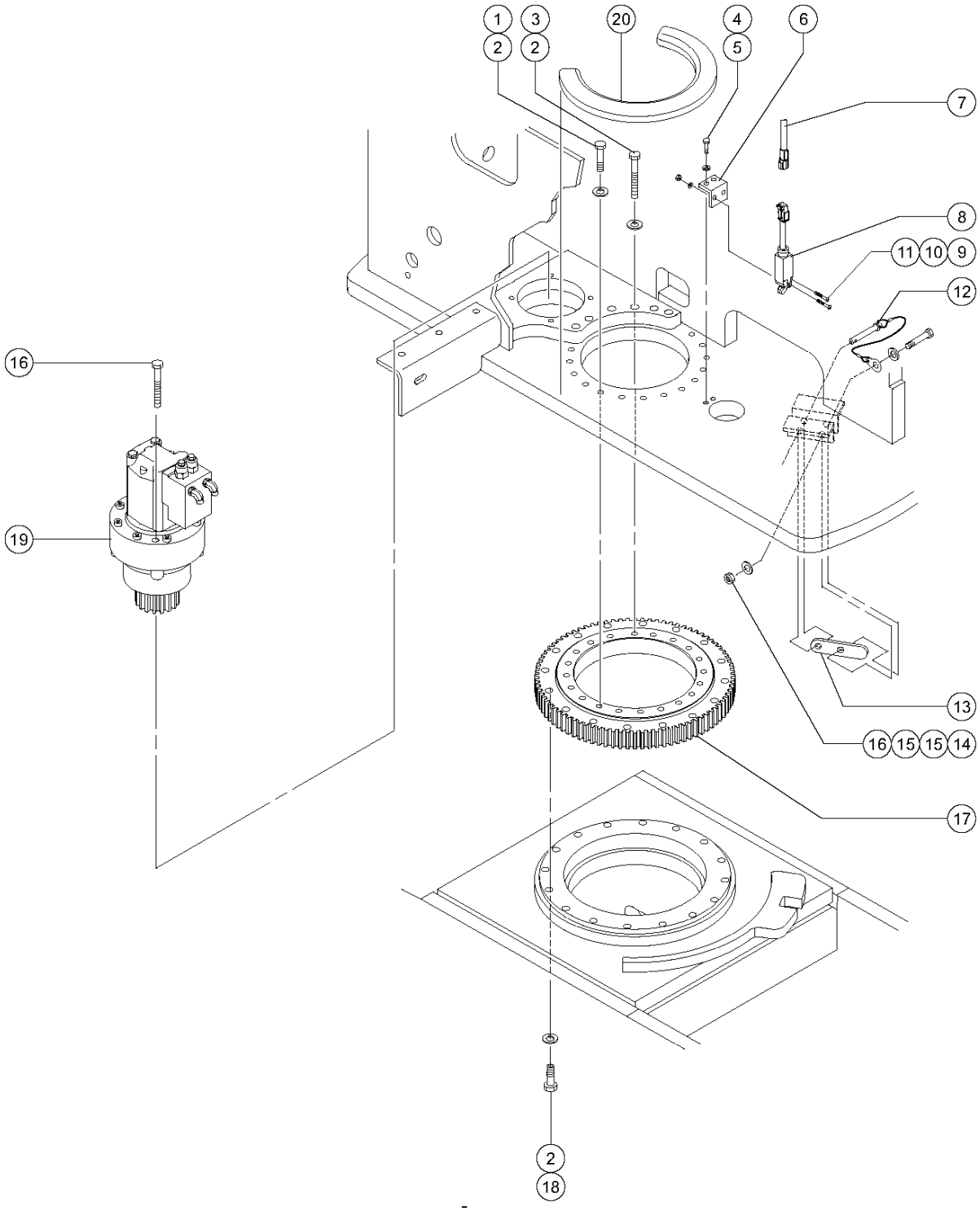
208.2 Battery Charger (from Z40N09-766)



208.2 Battery Charger (from Z40N09-766)

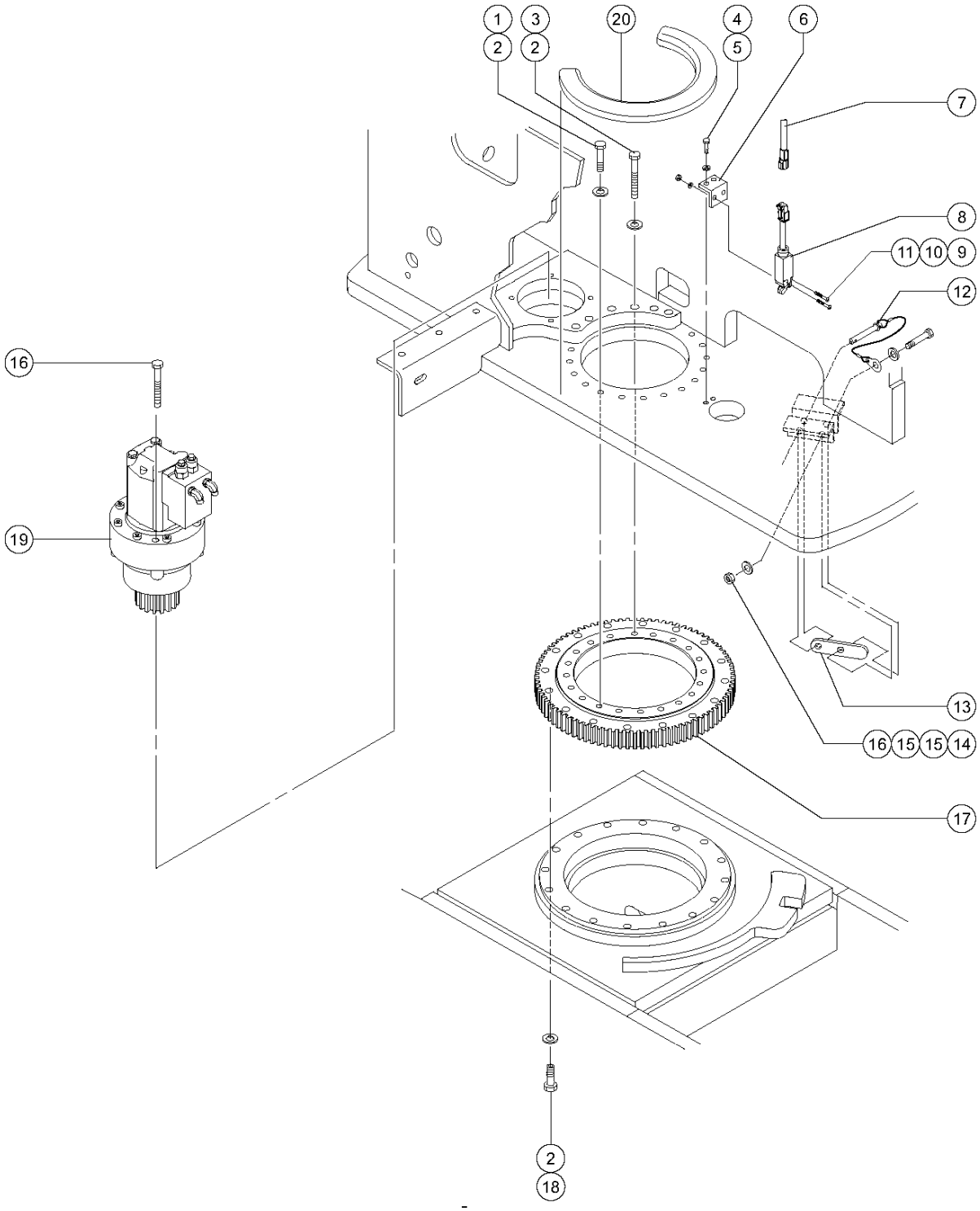
Item	Part No.	Description	Qty.
1	128375GT	CHARGER 48V/30A AUTO AC X-LED (includes item 6) (order power cord separately)	1
1-	133286GT	DECAL, POWER TO CHARGER, UNIV	1
1-	139858GT	HARN.CHARGER INTERLOCK Z34	1
1-	228946GT	ASSY,LED,IES CHARGER	
1-	228947GT	CLIP,RETAINING,IES CHARGER	
2		Ref. Chassis	
3	6326GT	SCREW,HHC,3/8-16 X 3	
4	6097GT	WASHER, FLAT, USS, 3/8", Y	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	228973GT	KIT,ASSY,LED,IES CHARGER	1
7A	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
7B	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
7C	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
8A	128118GT	BUSHING,STRAIN RELIEF,.875/.40 (domestic)	1
8B	139318GT	BUSHING,STRAIN RELIEF,.875/.30 (UK)	
9	128825GT	BRACKET, CHARGER CORD AND LED	
10A	128645GT	CORD AC IEC320-C19 TO 220EU	1
10B	128377GT	CORD AC IEC320-C19 TO 110US	
10C	128376GT	CORD EURO AC IEC320-C19PIGTAIL	

301.1 Turntable Rotator



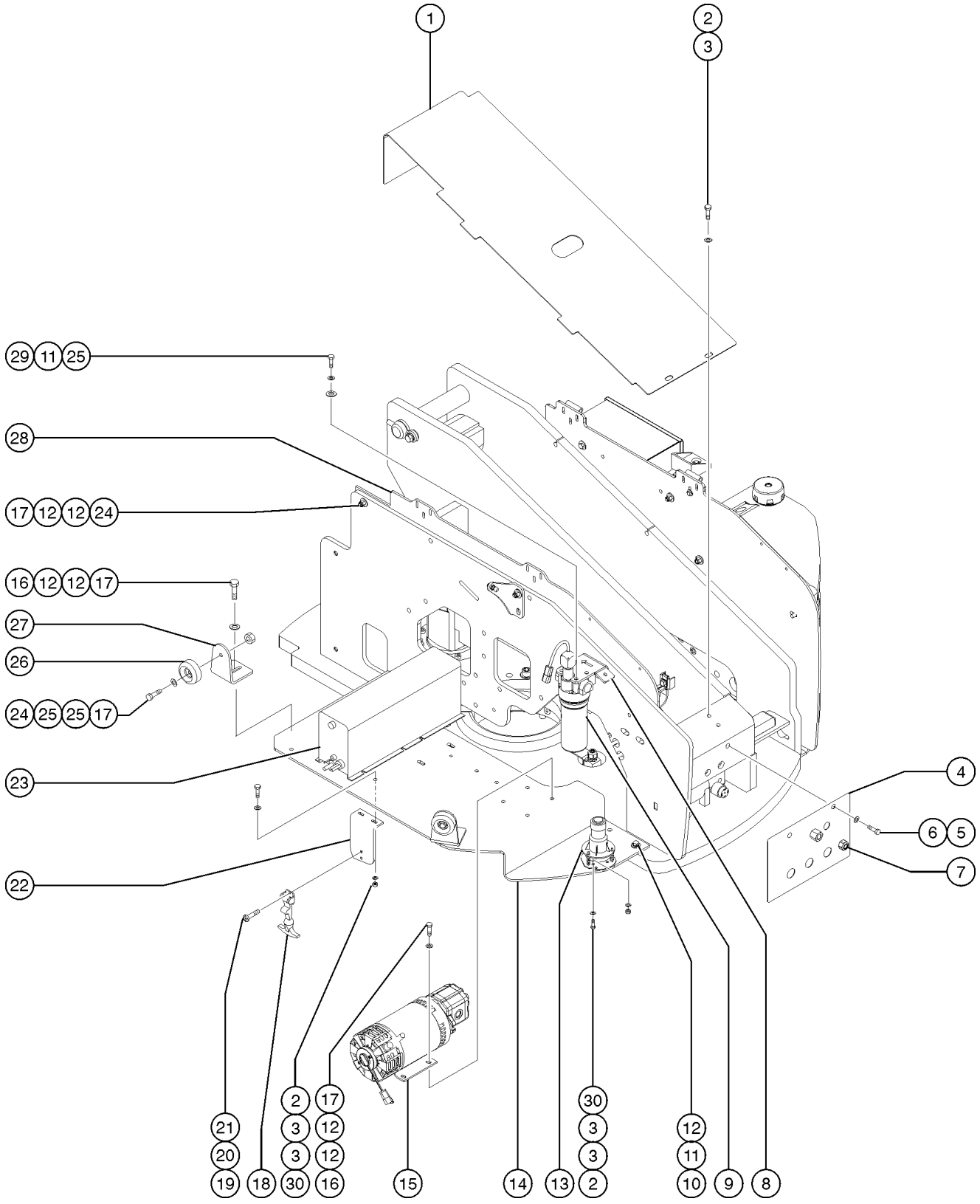
Item	Part No.	Description	Qty.
1	74712GT	SCREW,SHC,5/8-11 X 2.75,A574 to SN Z4009-767	12
1-	139861GT	SCREW,HHC,5/8-11 X 2.75 GR8 BO from SN Z4009-768	12
2	13064GT	WASHER,FLAT,.625 HARDENED	34
3	21175GT	SCREW,SHC,5/8-11 X 4,A574 to SN Z4009-767	6
3-	139865GT	SCREW,HHC,5/8-11 X 4.00 GR8 BO from SN Z4009-768	6
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	6021GT	WASHER, LOCK, .375	
6	50469GT	BRACKET,DRIVE SENSOR,ENABLE	1
7		Ref Chassis Wire Harness (see figure 308.1)	
8	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	1
8-	110160GT	HARNESS,LS,D.E. Z45	
8-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
8-	97128GT	ROLLER ARM,LIMIT SWITCH***	
9	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
10	6146GT	WASHER,FLAT,MS,#10,Y	
11	6178GT	NUT, NYLOCK, 10-32	
12	54145-800GT	RETAINING PIN, ASSY	1
13	50776PGT	PLATE,SWING LOCK,PAINTED***	1
14	6198GT	NUT, NYLOCK, 1/2-13	
15	6095GT	WASHER,FLAT,USS,1/2",Y	
16	56680GT	SCREW,SHC,1/2-13 X 4.50 ZINC	
17	101815GT	BEARING,SWING CHASSIS	1
17-	88635-4024GT	HOSE ASSY 1/4,STR FEM,PIPETHRE	1
18	25068GT	SCREW,SHC,5/8-11 X 4.5,A574 to SN Z4009-767	16
18-	139866GT	SCREW,HHC,5/8-11X4.50GR8 PLAIN from SN Z4009-768	16
19A		Ref: Swing Drive Assy 77082 is no longer available; used to SN 967, order 824050	
19A-	77246GT	SEAL KIT,SWING MOTOR*** for 77082; to SN 967	
19A-	128446GT	MANIFOLD,TURNTABLE ROTATION*** for 77082; to SN 967	

301.1 Turntable Rotator



Item	Part No.	Description	Qty.
19A-	220255GT	SEAL KIT,MANIFOLD TO MOTOR for 128446; to SN 967	
19A-	48904GT	ELBOW, 90D, 520220-4 not included, must order seperately	
19B		Ref: Swing Drive Assy 147209 is no longer available; from SN 968 to 2422, order 824050	1
19B-		SEAL KIT,SWING DRIVE*** component no longer available	
19B-		BRAKE KIT, SWING DRIVE component no longer available	
19B-		MANIFOLD KIT, SW DRIVE component no longer available	
19B-	220255GT	SEAL KIT,MANIFOLD TO MOTOR for 147209; from SN 968 to 2423	
19B-	48904GT	ELBOW, 90D, 520220-4 not included, must order seperately	
19C	824050GT	SWING DRIVE ASSEMBLY from SN 2423, relaces 77082 and 147209	
19C-	824051GT	SEAL KIT, SWING DRIVE for 824050; from SN 2423	
19C-	824052GT	VALVE BLOCK, SWING DRIVE for 824050; from SN 2423	
19C-	48904GT	ELBOW, 90D, 520220-4 not included, must order separately	
20	107651GT	PROTECTOR,SLEW BOLT	1

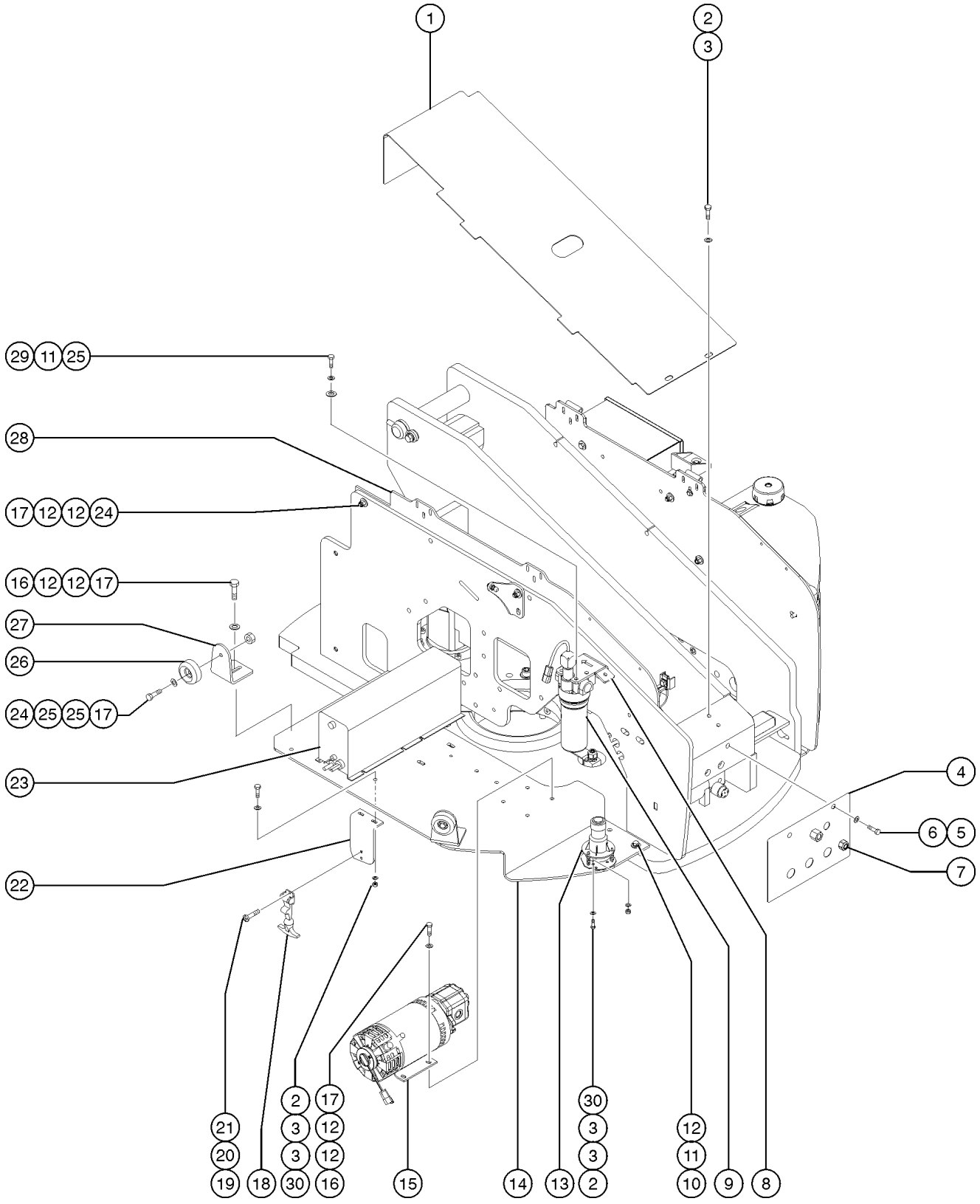
302.1 Turntable Components - View 1



302.1 Turntable Components - View 1

Item	Part No.	Description	Qty.
1	119784PGT	COVER,CENTER SWING CHASSIS,PTD	1
2	6888GT	SCREW, HHC, 1/4-20 X 1	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	70647PGT	PLATE,FRONT COVER PAINTED	1
5	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
6	6095GT	WASHER,FLAT,USS,1/2",Y	
7	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
8	88269PGT	BRACKET,HIGH PRESSURE FILTER	1
9	110448GT	FILTER ASSY,HIGH PRESS W/SWITC	1
9-	119900GT	SWITCH,CLOGGING INDICATOR	
9-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
10	8255GT	SCREW,HHC,3/8-16 X .75	
11	6021GT	WASHER, LOCK, .375	
12	6097GT	WASHER, FLAT, USS, 3/8", Y	
13	94077GT	SENSOR,LEVEL,4.5 DEG ANSI/CSA	1
13-	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 CE models	
13-	42439GT	SENSOR,LEVEL 3 DEG** Austraila models	
14	60106PGT	FORMING,SWING CHASSIS TRAY PTD	1
15		MOTOR W/TACH 48VDC,3.5HP Refer to 501.1	1
16	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
17	4828GT	NUT, NYLOCK, 3/8-16	
18	45363GT	LATCH,FLEXIBLE	2
19	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
20	6146GT	WASHER,FLAT,MS,#10,Y	
21	6178GT	NUT, NYLOCK, 10-32	
22	128319GT	FORMING,DRAW LATCH MOUNT	2
23		Ref., INVERTER refer to 808.1	1
24	8516GT	SCREW, HCC, 3/8-16 X 1.50	

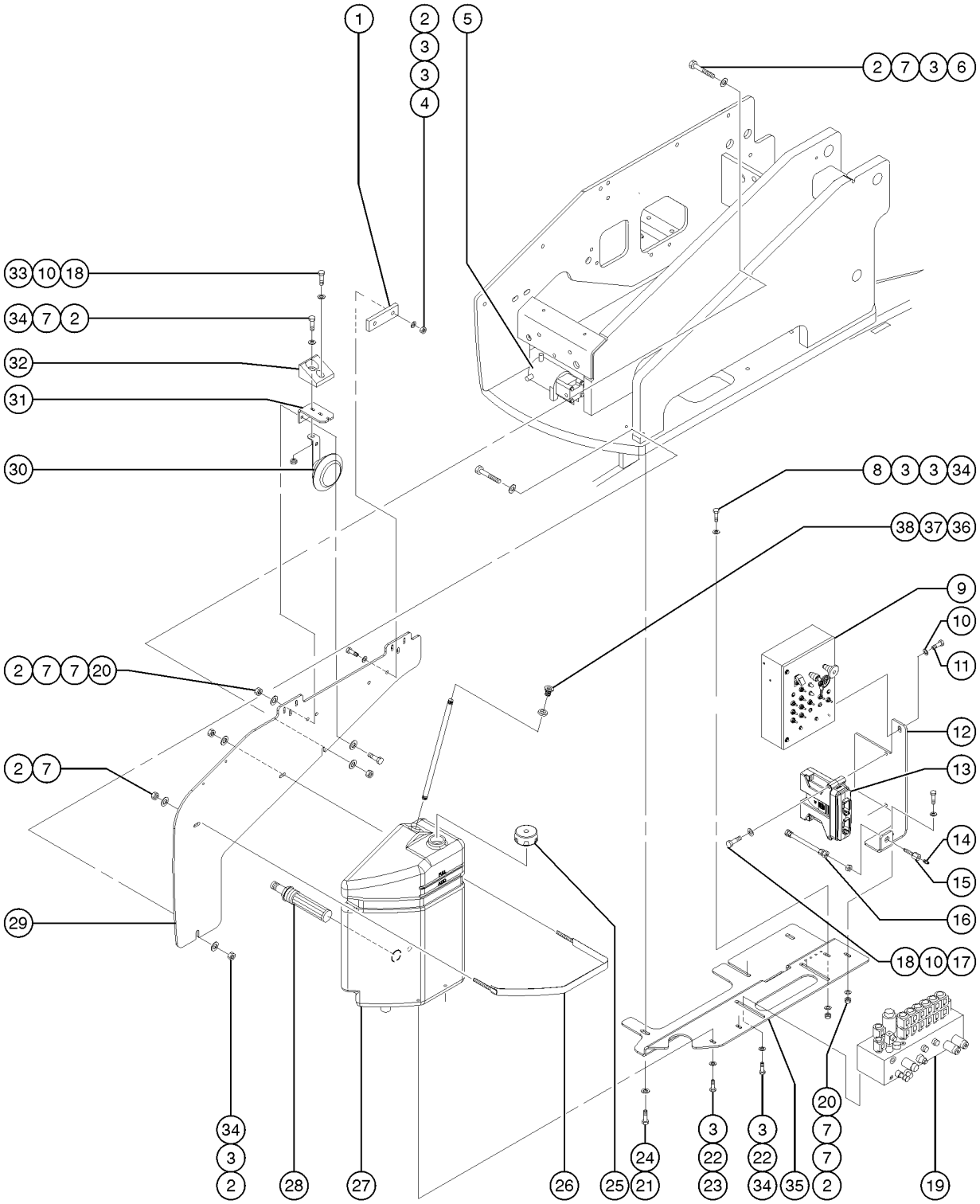
302.1 Turntable Components - View 1



302.1 Turntable Components - View 1

Item	Part No.	Description	Qty.
25	5397GT	WASHER, FLAT, USS, 5/16-18	
26	50974GT	BUMPER,RUBBER,COVERS	2
27	54363GT	BRACKET,RUBBER BUMPER,ENGCOVER	2
28	60000-SGT	BULKHEAD,SWING CHASSIS,LH,PAIN	1
29	6175GT	SCREW,HHC,3/8-16 X 1	
30	6091GT	NUT,NYLOCK,1/4-20	

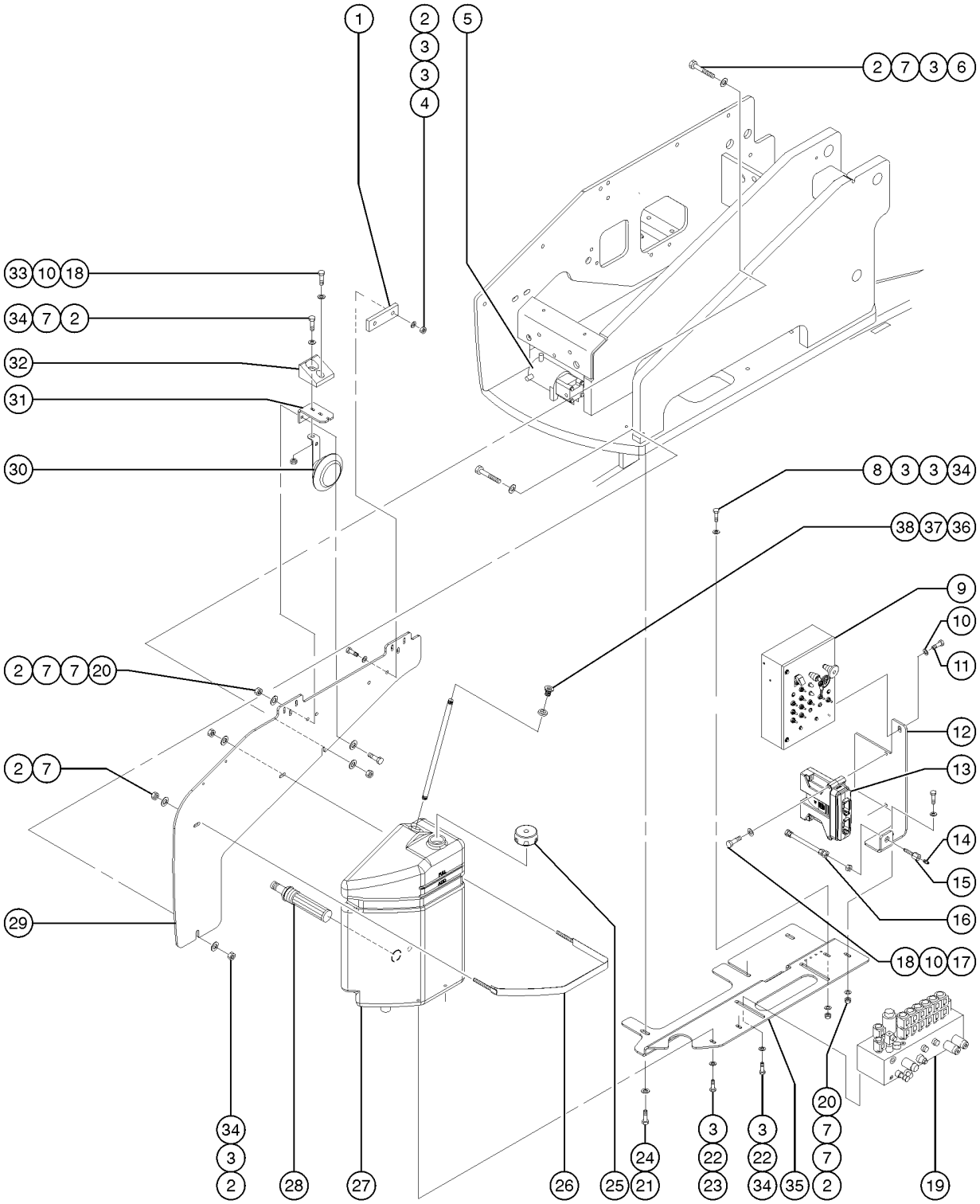
303.1 Turntable Components - View 2



303.1 Turntable Components - View 2

Item	Part No.	Description	Qty.
1	54231GT	WEAR PAD,4.88 X 1.5 X .5	1
2	4828GT	NUT, NYLOCK, 3/8-16	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	8516GT	SCREW, HCC, 3/8-16 X 1.50	
5	36179GT	POWER UNIT,AUX PUMP 24VDC	1
5-	37185GT	PUMP ASSEMBLY (36179) Part 37185GT is no longer backwards compatible with 37184GT. Order complete Aux Pump 36179GT	
5-	37187GT	SEAL KIT, 37185 PUMP	
5-	37186GT	VALVE,CHECK (36179)	
5-	37191GT	GASKET, PUMP / MOTOR (36179)	
5-	37192GT	COUPLER, PUMP / MOTOR (36179)	
5-	37184GT	MOTOR, 24V (36179)	
5-	49878GT	NYLON WASHER,(36179)	
6	14033GT	SCREW, HHC, 3/8-16 X 2.75	
7	6097GT	WASHER, FLAT, USS, 3/8", Y	
8	7713GT	NUT, LP NYLOCK, 3/8-16	
9		Ref. Ground Controls (refer to 304.1 or 305.1)	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	6090GT	SCREW, HHC, 1/4-20 X .75	
12	119042PGT	BRACKET,GROUND CONTROL BOX PNT	1
13A		CONTROLLER ASSY,TCON (110989) Original 110989 TCON Controller (to SN 2761) is no longer available. For first-time replacement, order both TCON (1256894) and PCON (1256897). New software required; contact Genie Service. After installation of both controllers, replace individually.	1
13B	1256894GT	CONTROLLER ASSY,TCON Z40 (from SN Z4015N-2762)	
14	28646GT	ZERK,GREASE,1/8 NPT	1
15	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	1
16	88635-4024GT	HOSE ASSY 1/4,STR FEM,PIPETHRE	1
17	36294GT	SCREW,HHC,1/4-20 X 2.75	
18	6091GT	NUT,NYLOCK,1/4-20	
19		Ref. Function Manifold (refer to 502.1)	1

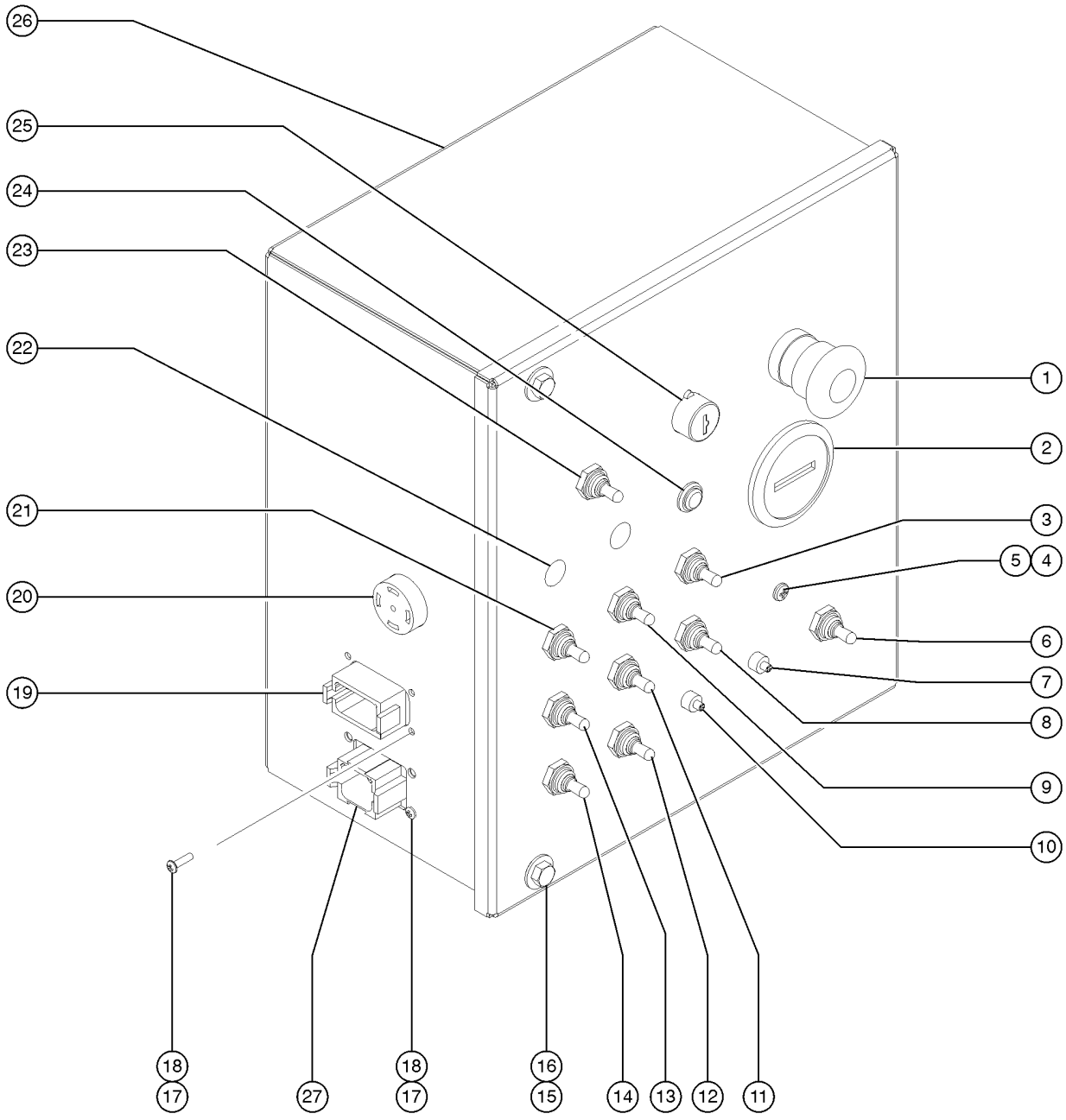
303.1 Turntable Components - View 2



303.1 Turntable Components - View 2

Item	Part No.	Description	Qty.
20	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
21	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
22	6021GT	WASHER, LOCK, .375	
23	8255GT	SCREW,HHC,3/8-16 X .75	
24	6095GT	WASHER,FLAT,USS,1/2",Y	
25	42019GT	TANK BREATHER,NYLON **	1
26	77435GT	STRAP ASSY,29.25LG,W/RUBBER	2
27	50966GT	TANK,HYDRAULIC,8 GALLON,DC/BI	1
27-	56022GT	PLUG,3/4 MAGNETIC PIPE SQ.DRV	1
28	45162GT	STRAINER ASSEMBLY,1.25" NPT***	1
29	54443GT	BULKHEAD,SWING,RIGHT,Z45 DC/BE	1
30	81579GT	HORN, 24VDC, SPADE TERMINALS***	1
31	50744-SGT	BRACKET, RETURN FILTER	1
32	54360GT	CUP,PROP ROD,DC/BI	1
33	6888GT	SCREW, HHC, 1/4-20 X 1	
34	6175GT	SCREW,HHC,3/8-16 X 1	
35	50959GT	FORMING,SWING CHASSIS,RH	1
36	39223GT	BULKHEAD FITTING,PLASTIC X 8**	1
37	62088GT	WASHER/BULKHEAD***	1
38	60065GT	TUBE,PLASTIC .5 NPT X 18"	1

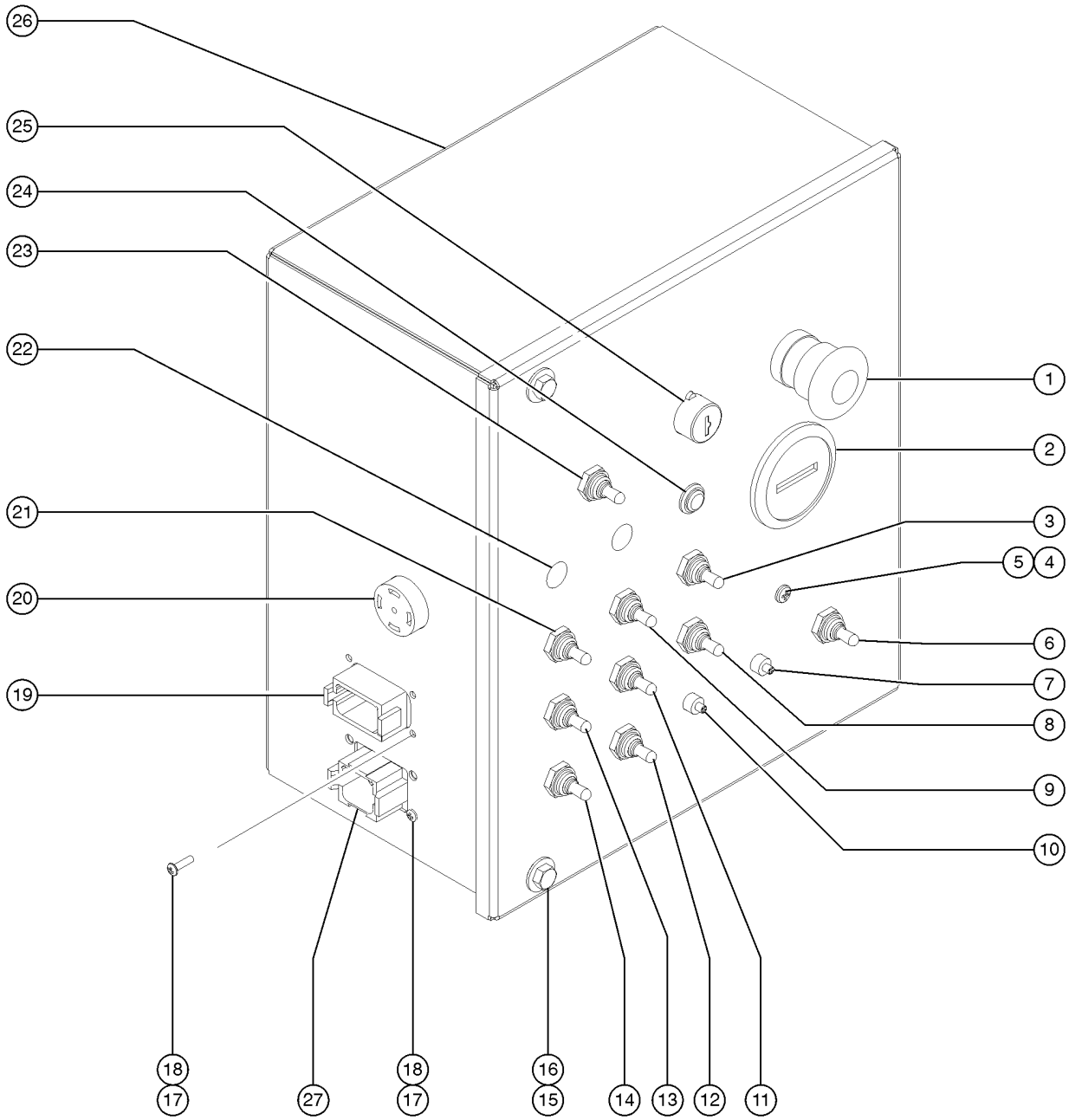
304.1 Ground Control Box - View 1



304.1 Ground Control Box - View 1

Item	Part No.	Description	Qty.
1	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
1-	66817GT	E-STOP W/ NC CONTACT includes 1 N.C. contact	
1-	66818GT	CONTACT,NC	
2	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
3A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR (Jib Rotate Option) (to SN 1695)	1
3A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
3B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR (Jib Rotate Option) (from SN 1696)	1
4	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
5	6178GT	NUT, NYLOCK, 10-32	
6A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR (Function Enable) (to SN 1695)	1
6A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
6B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR (Function Enable) (from SN 1696)	1
7	147094GT	ASSY, CIRCUIT BREAKER 15A	1
8A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR (Secondary Boom Up/Down) (to SN 1695)	1
8A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
8B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR (Secondary Boom Up/Down) (from SN 1696)	1
9A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR (Primary Boom Up/Down) (to SN 1695)	1
9A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
9B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR (Primary Boom Up/Down) (from SN 1696)	1
10	1277226GT	ASSEMBLY,CIRCUIT BREAKER,15AMP	
11A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR (Jib Boom Up/Down) (to SN 1695)	1
11A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
11B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR (Jib Boom Up/Down) (from SN 1696)	1
12A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR (PlatformLevel) (to SN 1695)	1
12B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR (PlatformLevel) (from SN 1696)	1
13A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR (Turntable Rotate) (to SN 1695)	1
13A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

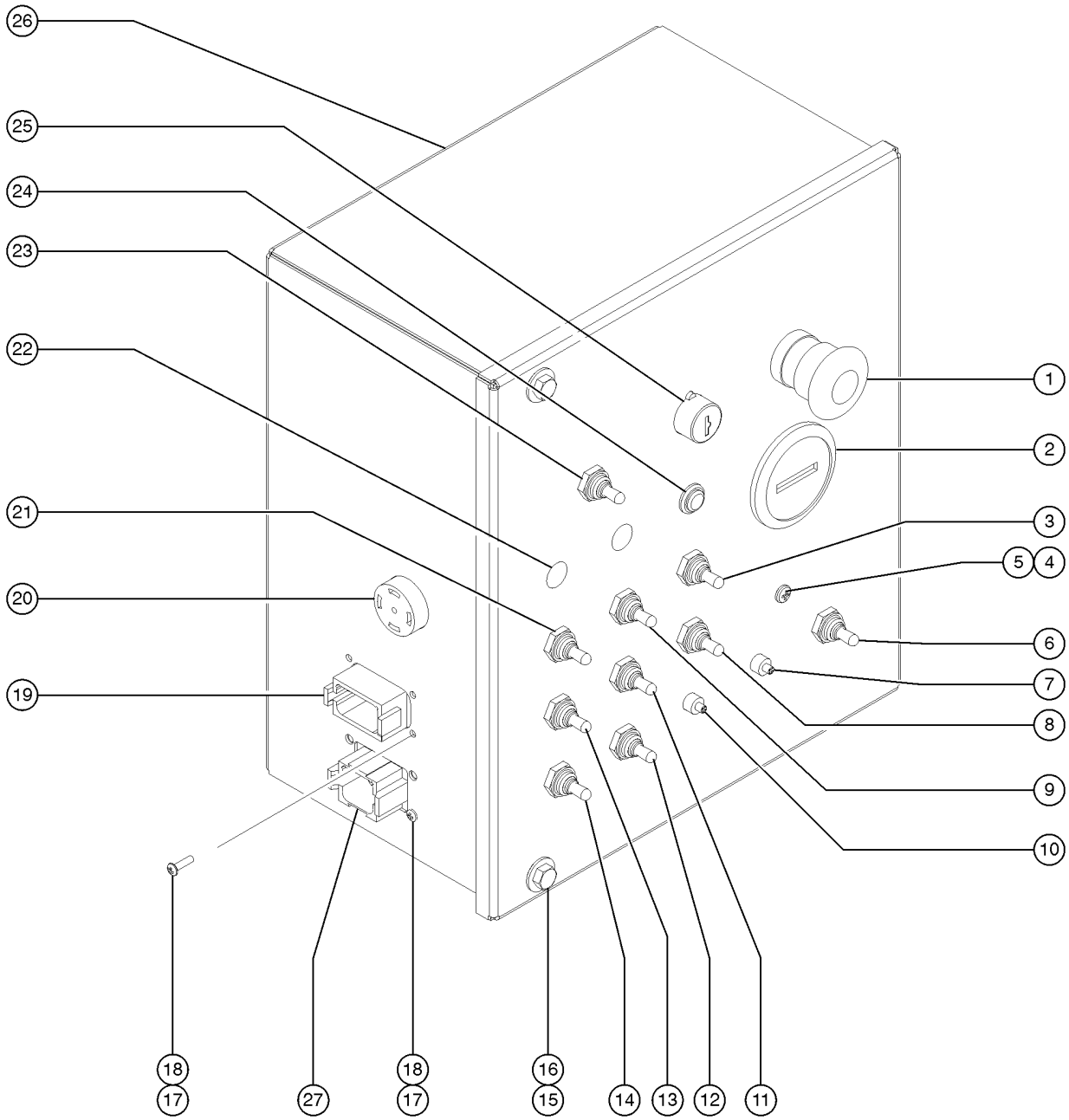
304.1 Ground Control Box - View 1



304.1 Ground Control Box - View 1

Item	Part No.	Description	Qty.
13B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR (Turntable Rotate) (from SN 1696)	1
14A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR (Platform Rotate) (to SN 1695)	1
14A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
14B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR (Platform Rotate) (from SN 1696)	1
15	6090GT	SCREW, HHC, 1/4-20 X .75	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
18	12344GT	NUT,NYLOCK,6-32	
19	73730GT	CONN, RECEP, 12 WAY, DEUTSCH, DT, GRAY/FLANGE	1
20	39540GT	ALARM, STEADY TONE*** order 72326 mounting ring separately	1
20-	72326GT	NUT - PLASTIC, RING FOR ALARMS for 39540	
21A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR (Primary Boom Ext/Ret) (to SN 1695)	1
21A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
21B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR (Primary Boom Ext/Ret) (from SN 1696)	1
22	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	2
23A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR (Auxiliary Power) (to SN 1695)	1
23A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
23B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR (Auxiliary Power) (from SN 1696)	1
24	824878GT	LIGHT,LED IND. RED 24V NH original light no longer available	1
25A	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	1
25A-	96010GT	SCREW,PHILLIPS,PHM,8-32 X.25**	6
25A-	88827GT	GASKET,KEYSWITCH,PLASTIC***	1
25A-	83093GT	KEY SINGLE***	1
25A-	85239GT	RETAINER NUT (96008)***	1
25B	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING	1
25B-	83093GT	KEY SINGLE***	
25B-	85239GT	RETAINER NUT (96008)***	
26	128008GT	GROUND CONTROL BOX W/DECAL Z40	1

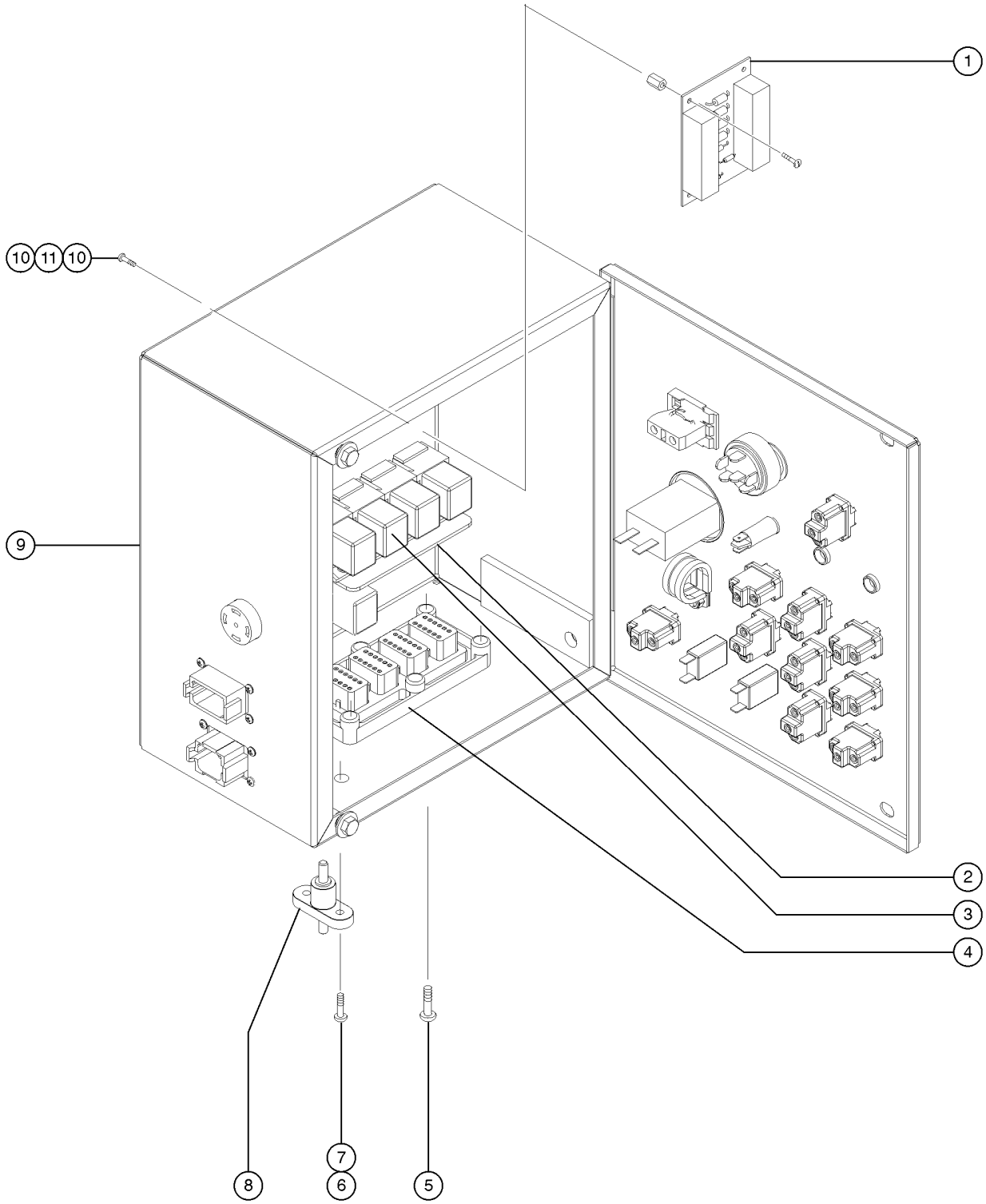
304.1 Ground Control Box - View 1



304.1 Ground Control Box - View 1

Item	Part No.	Description	Qty.
27	87755GT	CONN, RECEP, 8 WAY, DEUTSCH, DT, GRAY/FLANGE	1

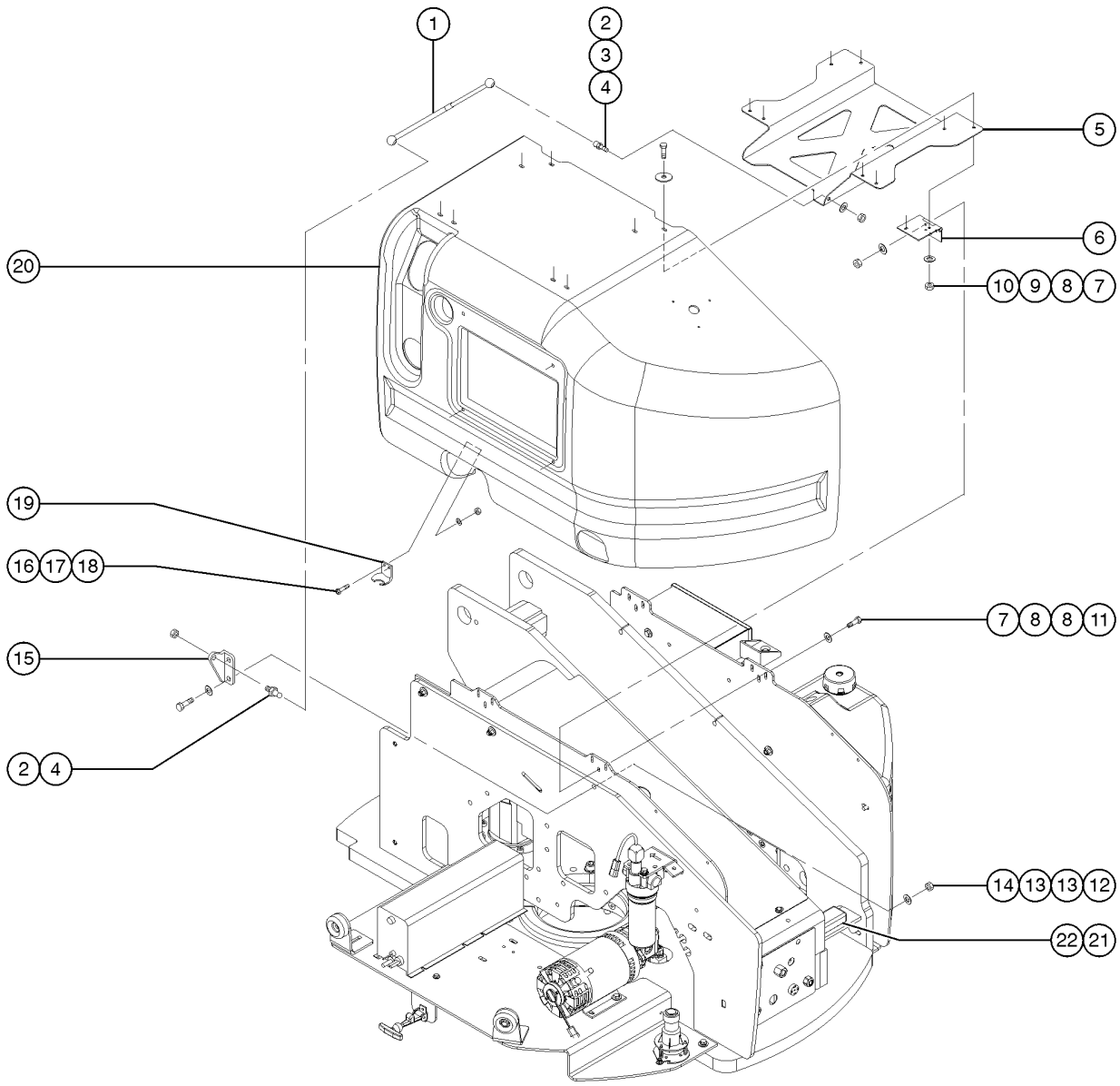
305.1 Ground Control Box - View 2



305.1 Ground Control Box - View 2

Item	Part No.	Description	Qty.
1	119584GT	ASSY VOLTAGE DIV AND DIODE	1
2	54534GT	ANGLE,RELAY MNT,W/NUTSERTS,PNT includes nutserts	1
2-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
3A	56302GT	RELAY,24VDC,40/30A,SEALED*** to SN 2778	4
3B	56302GT	RELAY,24VDC,40/30A,SEALED*** from SN 2779	5
3-	34053GT	ASSY,RELAY SOCKET, AUTO	
4	73736GT	CONN,RECEP 48 WAY,4 X 12	1
4-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
5	73803GT	SCREW,SHM,PHP, #12 X .75	
6	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
7	6178GT	NUT, NYLOCK, 10-32	
8	106404GT	STANDOFF, 1/4" PASS THRU, BLK	1
9	110973GT	GROUND CONTROL BOX ASSY	1
9-	119429GT	GASKET,GROUND CONTROL BOX	
9-	30997GT	CORROSION INHIBITOR,FOAM	
10	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
11	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	

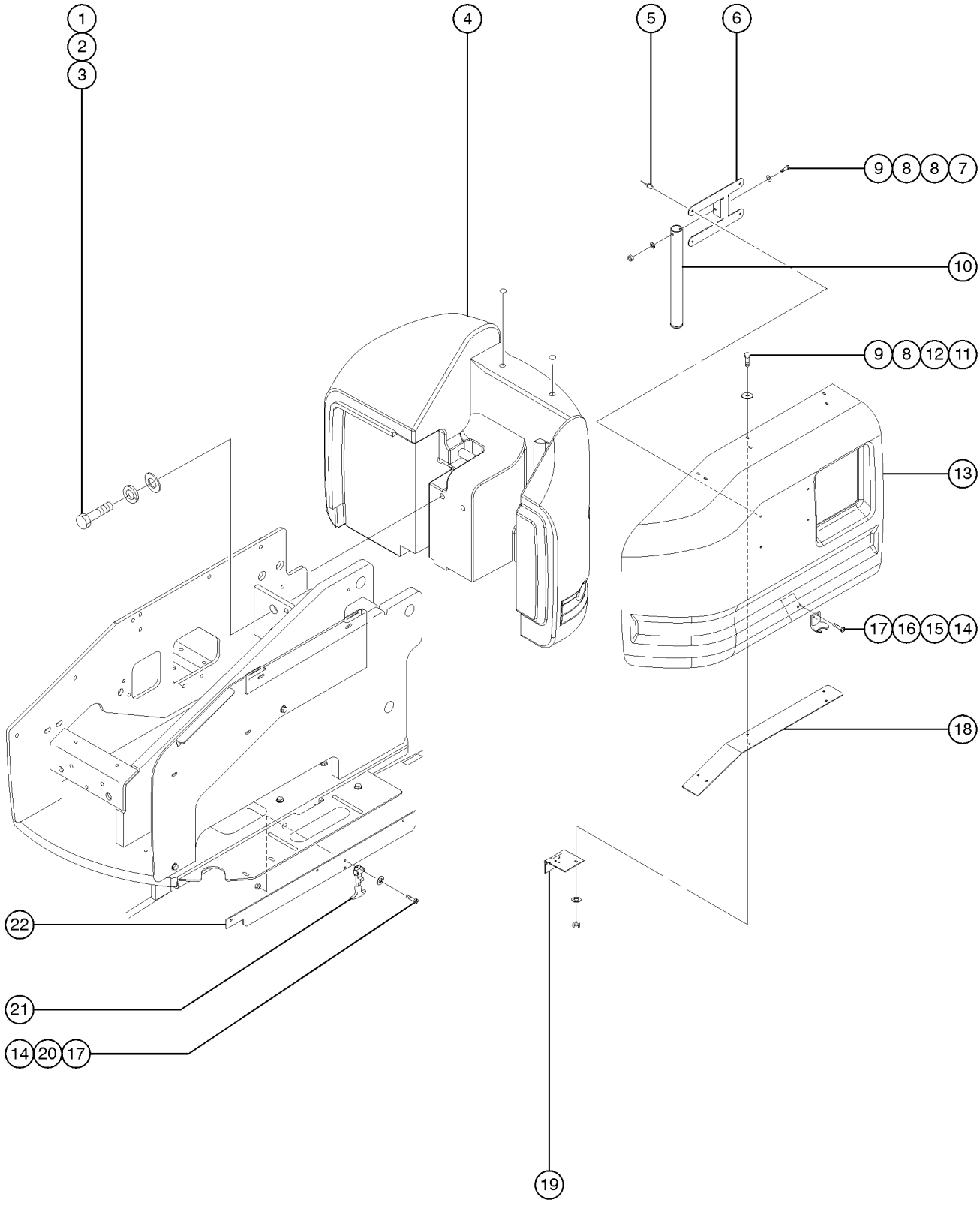
306.1 Turntable Cover - View 1



306.1 Turntable Cover - View 1

Item	Part No.	Description	Qty.
1	106069GT	STRUT,GAS,200 LB***	2
1-	27377GT	RETAINER,GAS SPRING***	
2	33555GT	BALL STUD**	2
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	6178GT	NUT, NYLOCK, 10-32	
5	50990-SGT	FORMING,ENG.COVER SUPPORT,PNTD	1
6	75073GT	HINGE,.375X.120THK.,SLOTTED	2
7	6091GT	NUT,NYLOCK,1/4-20	
8	6638GT	WASHER, FLAT, USS, 1/4"Y	
9	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
10	8915GT	SCREW, HHC, 1/4-20 X 1.25	
11	6888GT	SCREW, HHC, 1/4-20 X 1	
12	4828GT	NUT, NYLOCK, 3/8-16	
13	6097GT	WASHER, FLAT, USS, 3/8", Y	
14	8516GT	SCREW, HCC, 3/8-16 X 1.50	
15	107594GT	FORMING,GAS STRUT MOUNT,PNTD**	1
16	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
17	6146GT	WASHER,FLAT,MS,#10,Y	
18	6178GT	NUT, NYLOCK, 10-32	
19	75076GT	KEEPER,LATCH (45363)	2
20A	119882GT	COVER ASSY W/WRD DECALS,LH Z40	1
20B	101864GT	COVER ASSY W/SYM DECALS,LH to SN Z4008-333	
20C	T115412GT	COVER ASSY W/SYM DECALS,LH from SN Z4008-334	
20D	50784GT	COVER,TURNTABLE,LH,DC/BE does not include decals, refer to section 1	
21	56849GT	PAD,REST,1"THICK,W/STUDS*	1
22	7713GT	NUT, LP NYLOCK, 3/8-16	2

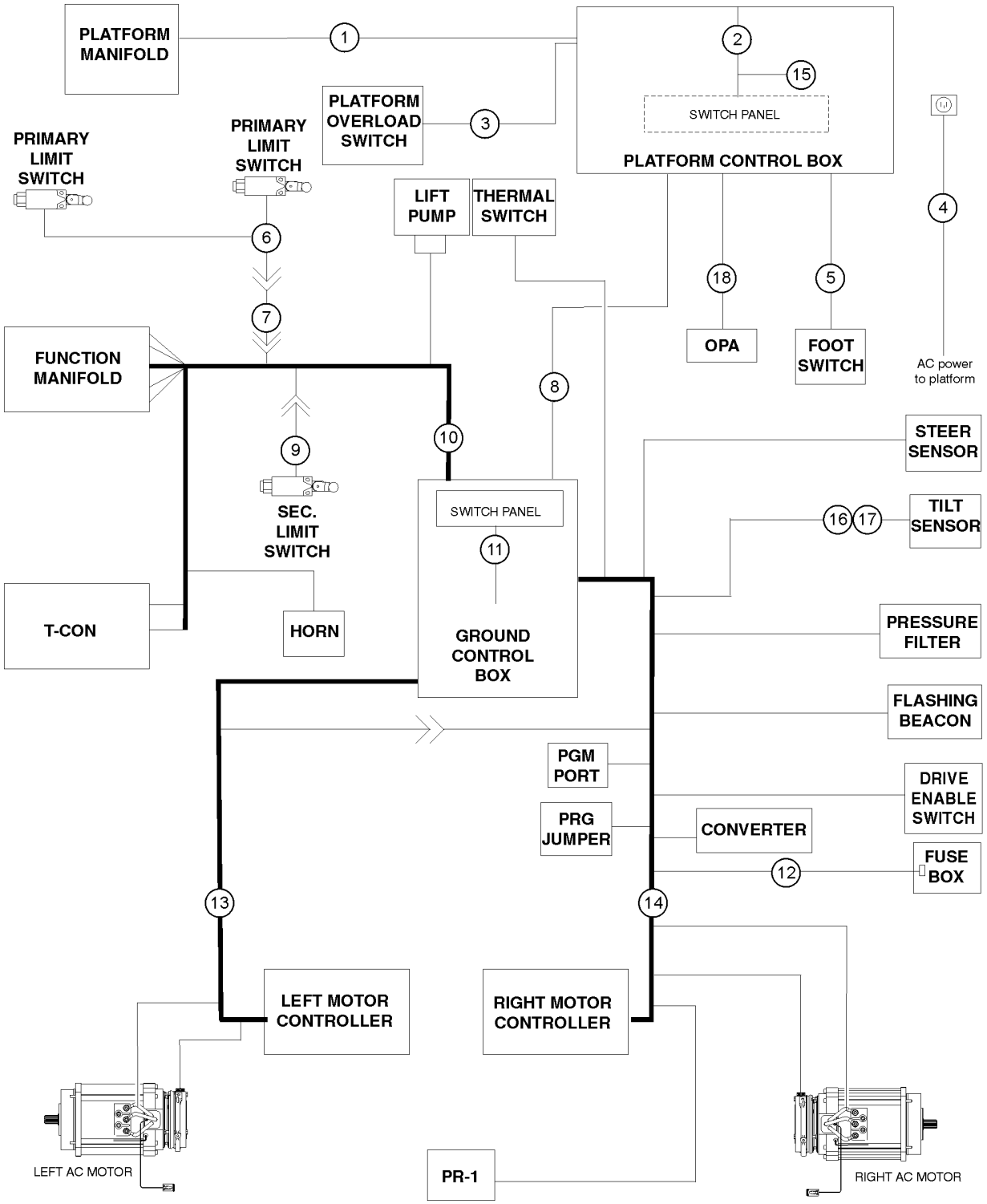
307.1 Turntable Cover - View 2



307.1 Turntable Cover - View 2

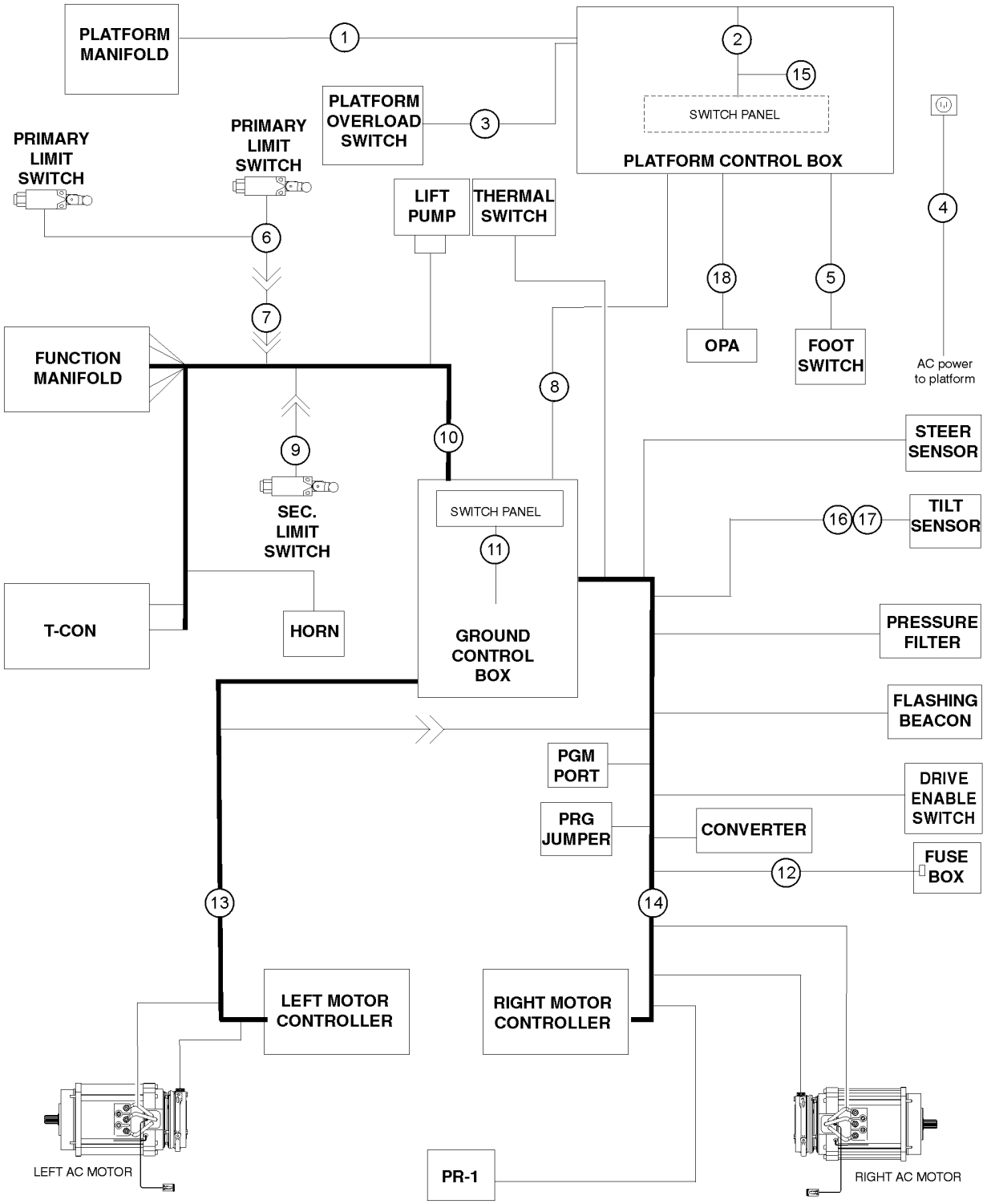
Item	Part No.	Description	Qty.
1	42078GT	SCREW,HHC,1-8 X 3 GRD.5	
2	29605GT	WASHER,LOCK,1"	
3	38859GT	WASHER,FLAT,USS,1",Y	
4	110472GT	COUNTERWEIGHT,CAST,5600LBS	1
4-	15243GT	PLUG,NYLON .875 BLACK DOMED	
5	7265GT	RIVET,STEEL,P, .25 X .375	4
6	77034PGT	FORMING,CLEVIS PROP ROD,DC/BI	1
7	8179GT	SCREW,HHC,1/4-20 X 2.25	
8	6638GT	WASHER, FLAT, USS, 1/4"Y	
9	6091GT	NUT,NYLOCK,1/4-20	
10	54455PGT	TUBE,PROP ROD,12.25"LG,DC/BI	1
10-	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
11	6888GT	SCREW, HHC, 1/4-20 X 1	6
12	12906GT	WASHER,FENDER,.25 X 1.25 X.062	6
13A	119884GT	COVER ASSY W/WRD DECALS,RH Z40	1
13B	119885GT	COVER ASSY W/SYM DECALS,RH Z40	
13C	77032GT	COVER,TANK SIDE,DC/BI does not include decals, please refer to section 1	
14	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
15	75076GT	KEEPER,LATCH (45363)	1
16	50790GT	PLATE,COVER LATCH BACKING	1
17	6178GT	NUT, NYLOCK, 10-32	
18	139417PGT	DOUBLER,BENT,COVER,DC/BI,RH	1
19	75073GT	HINGE,.375X.120THK.,SLOTTED	2
20	6146GT	WASHER,FLAT,MS,#10,Y	
21	45363GT	LATCH,FLEXIBLE	1
22	60015GT	PLATE,DRAW LATCH MOUNT	1

308.1 Wire Harness Diagram



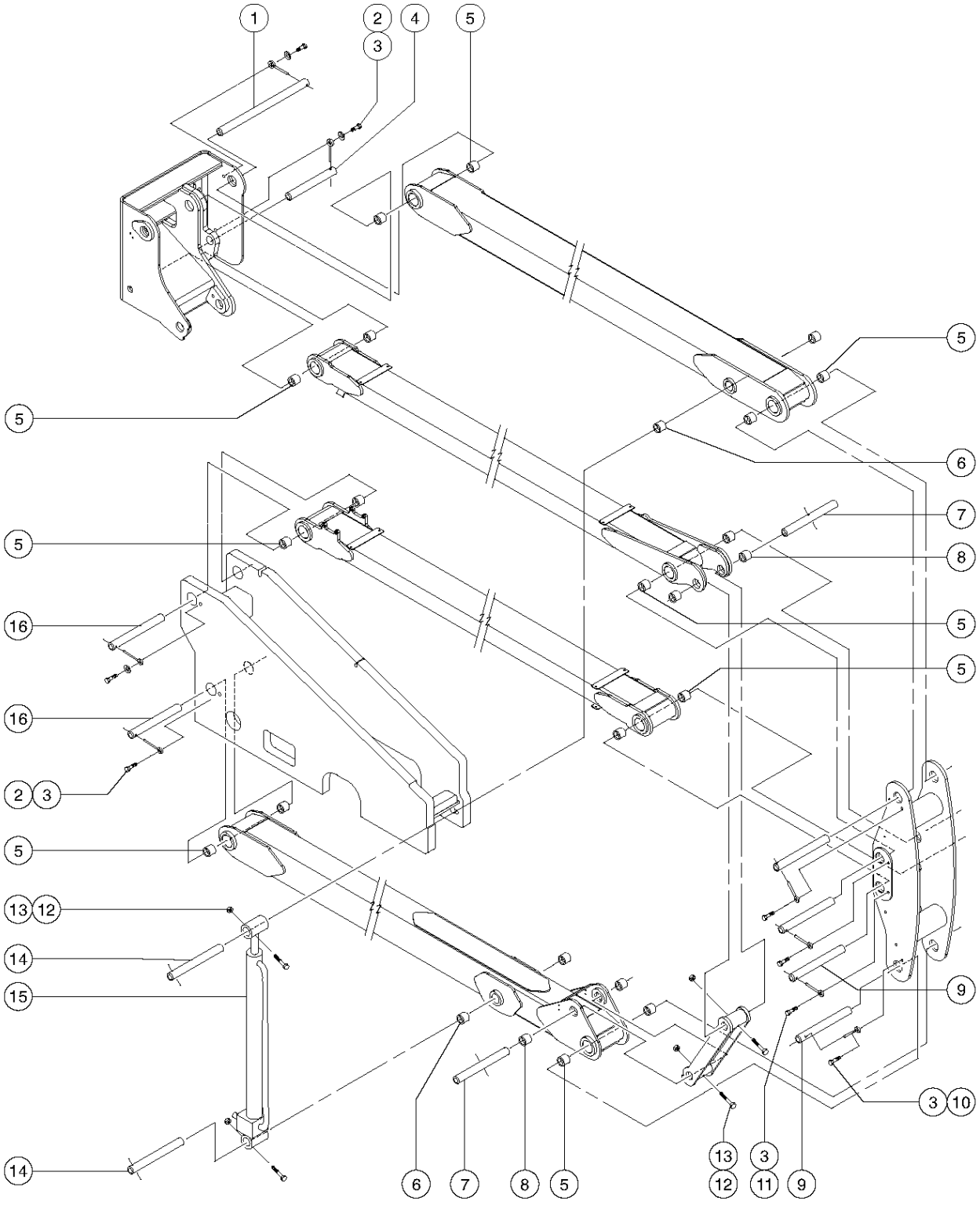
Item	Part No.	Description	Qty.
A	58253GT	KIT,REPAIR,DEUTSCH PLUG,W/TUBE (small kit)	
B	83129GT	CONNECTOR KIT,DEUTSCH*** (large kit)	
C	61794GT	CRIMPER,DEUTSCH,LIGHT DUTY*** (tool)	
D	110803GT	HARNESS PROGRAM CAN PLUS1	
E	1264822GT	KIT, TRC RETROFIT, STNDRD Telematics (includes 1264834)	
E-	1264834GT	INSTRN, TRC RETROFIT, STNDRD	
1	107998GT	HARNESS JIB MANIFOLD NRJ Z40	1
1-	110795GT	HARNESS JIB MANIFOLD RJ Z40	
2	110802GT	HARNESS,PLAT BOX,Z40	1
3	110796GT	HARNESS LS PLUNGER LOAD LIMIT	1
4	43955GT	WIRE CABLE,12/3 CON.TPE JKT	664 inches
5	110255GT	ASSEMBLY FOOT SWITCH	1
6	88725GT	HARNESS,LS,PRIM/EXT	1
7	110798GT	HARNESS LS PRIMARY PIG	1
8	110794GT	HARNESS BOOM CONTROL CABLE Z40	1
9	110800GT	HARNESS LS OP SEC Z40	1
10	110791GT	HARNESS TURNTABLE TCON Z40	1
11	110801GT	HARNESS BASE BOX Z40	1
12A	110812GT	HARNESS FUSE BOX Z40 (to SN 1901)	1
12B	162161GT	HARNESS,FUSE BOX,Z40 (from SN 1902)	1
13A	110792GT	HARNESS MOTOR CTRL LEFT Z40 (to SN 2823)	1
13B	1257650GT	HARNESS, MOTOR CTRL LT, Z40 (from SN 2824)	1
14A	110793GT	HARNESS MOTOR CTRL RIGHT Z40 (to SN 1901)	1
14B	216636GT	HARNESS MOTOR CTRL RIGHT Z40 (from SN 1902 to SN 2823)	1
14C	1257649GT	HARNESS, MOTOR CTRL RT, Z40 (from SN 2824)	1
15	110797GT	HARNESS,SPEED DIAL*** controller assy with wire harness	1
16	1260219GT	HARNESS,TILT ALARM,24V,CSA for CSA models only from SN Z40N07-100 to Z40N15-2739	1

308.1 Wire Harness Diagram



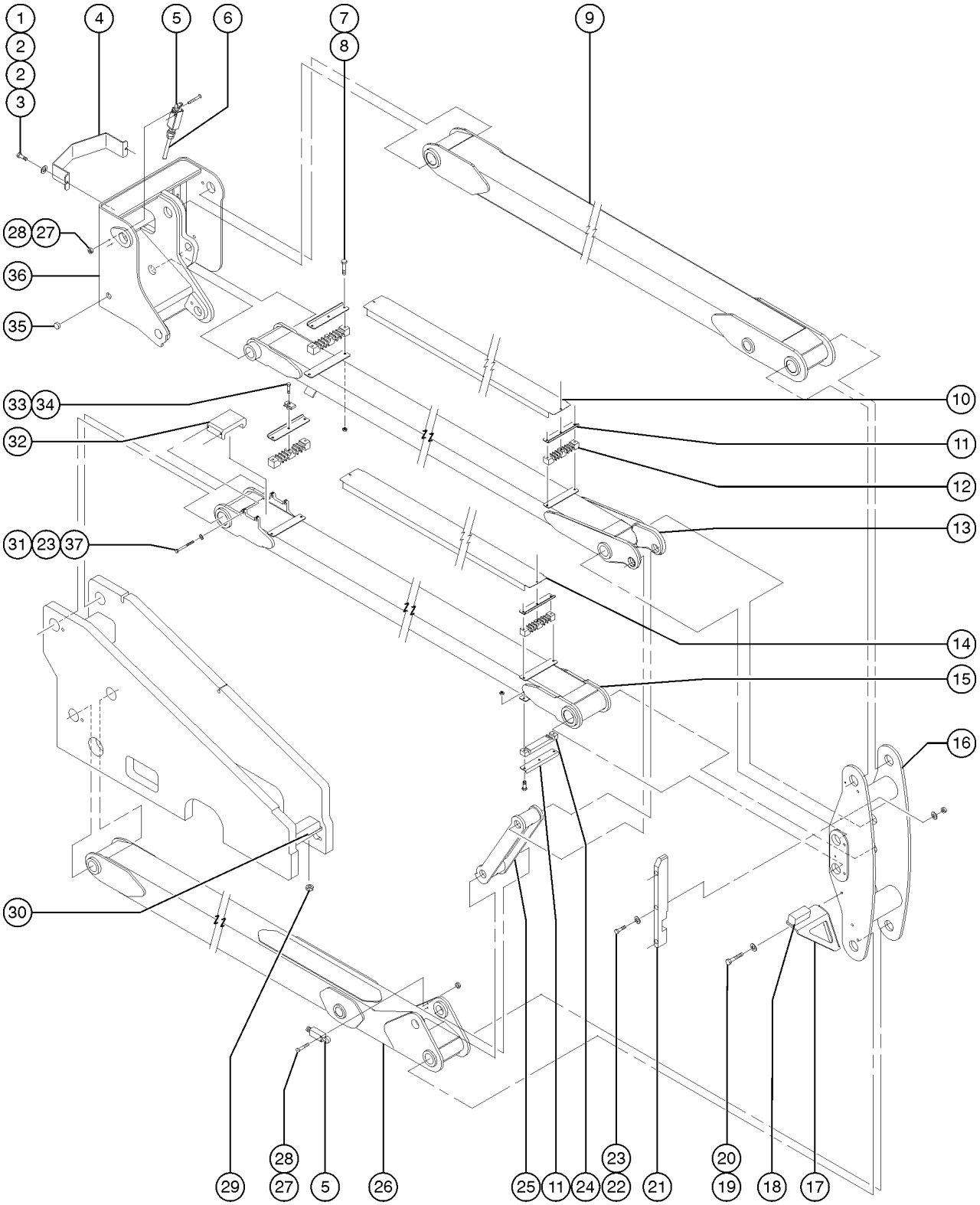
Item	*Part No.*	*Description*	*Qty.*
17A	1261450GT	ASSY,RECEP,24V,CSA TILT for CSA models only from SN Z40N07-100 to Z40N15-2739	1
17B	1285812GT	KIT,TILT ALARM,DC AND BI-ENERGY MODELS from SN 2731	
17B-	1285689GT	INSTRUCTIONS,INSTALL (LEVEL SENSOR ALARM) for kit 1285812	
18A	1255859GT	HARN,PBOX,OPA,PLUS1	1
18B	1255030GT	PLUG,BLANKING	1

401.1 Boom Pins and Bearings



Item	Part No.	Description	Qty.
1	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	1256267GT	ROD END,.5 X 3.75,ZAG	
4	107859GT	PIN,2.00DIAX12.88LG,CHAMFER*** (replaced 107589)	1
5	18720GT	BEARING,2.0IDX2.25ODX1.50L	16
6	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
7	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
8	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	4
9	107588GT	PIN,2.00DIAX10.88LG,CHAMFER	4
10	33987GT	SCREW,HHC,1/2-13 X 1, GR 5	
11	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
12	6326GT	SCREW,HHC,3/8-16 X 3	
13	4828GT	NUT, NYLOCK, 3/8-16	
14	50455GT	PIN,1.50DIAX13.88LG,2HOLE	2
15	88203GT	CYLINDER,ELEVATE,Z45/25***	2
15-	77521GT	SEAL KIT,ELEVATE (88203)	
15-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN	
16	110776GT	PIN,2.00DIAX11.38LG,CHAMFER	2

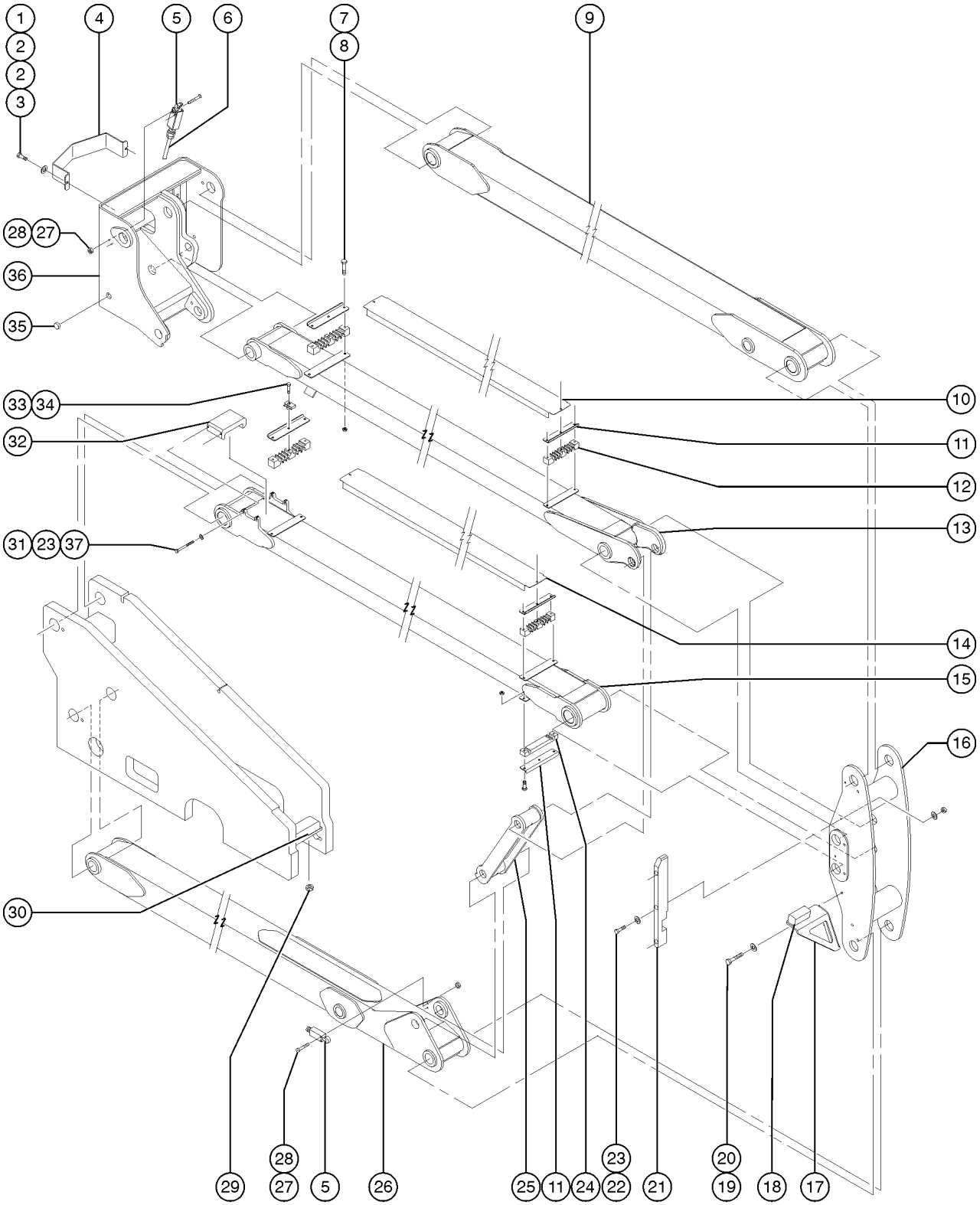
402.1 Secondary Linkage



Z-40 402.1
Boom Linkage

Item	Part No.	Description	Qty.
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	237688GT	COVER, UPPER PIVOT	1
5	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	2
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	
5-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
5-	110799GT	HARNESS LS PRIMARY DUAL Z40	
6	1505GT	WIRE CABLE,16/2 SJO,BULK	37
7	6637GT	SCREW,HHC,1/4-20 X 1.75	
8	6091GT	NUT,NYLOCK,1/4-20	
9	119886GT	UPPER SECONDARY ASSEMBLY Z40	1
10	106621PGT	COVER,UPPER LEVEL ARM,PAINTED	1
11	128027PGT	BRACKET, CLAMP, PAINTED	5
12	128028GT	CLAMPING BLOCK, SECONDARY	4
13	119887GT	UPPER LEVELING ARM ASSY Z40	1
14	106622PGT	COVER,LOWER LEVEL ARM,PAINTED	1
15	119888GT	LOWER LEVELING ARM ASSY Z40	1
16	119889GT	MIDPIVOT,ASSEMBLY Z40 USA/Canada/Australian	1
16-	119890GT	MIDPIVOT,ASSEMBLY Z40 (CE) Europe/Asia/South America	
17	106628GT	WELDMENT, BOOM REST	1
18	56927GT	PAD,REST,2"THICK,W/STUDS*	1
19	33987GT	SCREW,HHC,1/2-13 X 1, GR 5	
20	13066GT	WASHER,FLAT,.5 HARDENED	
21	106629GT	WEAR PAD, MID-PIVOT	1
22	6884GT	SCREW,HHC,1/4-20 X 2.5	
23	6638GT	WASHER, FLAT, USS, 1/4"Y	
24	106630GT	CLAMPING BLOCK,SECONDARY	1

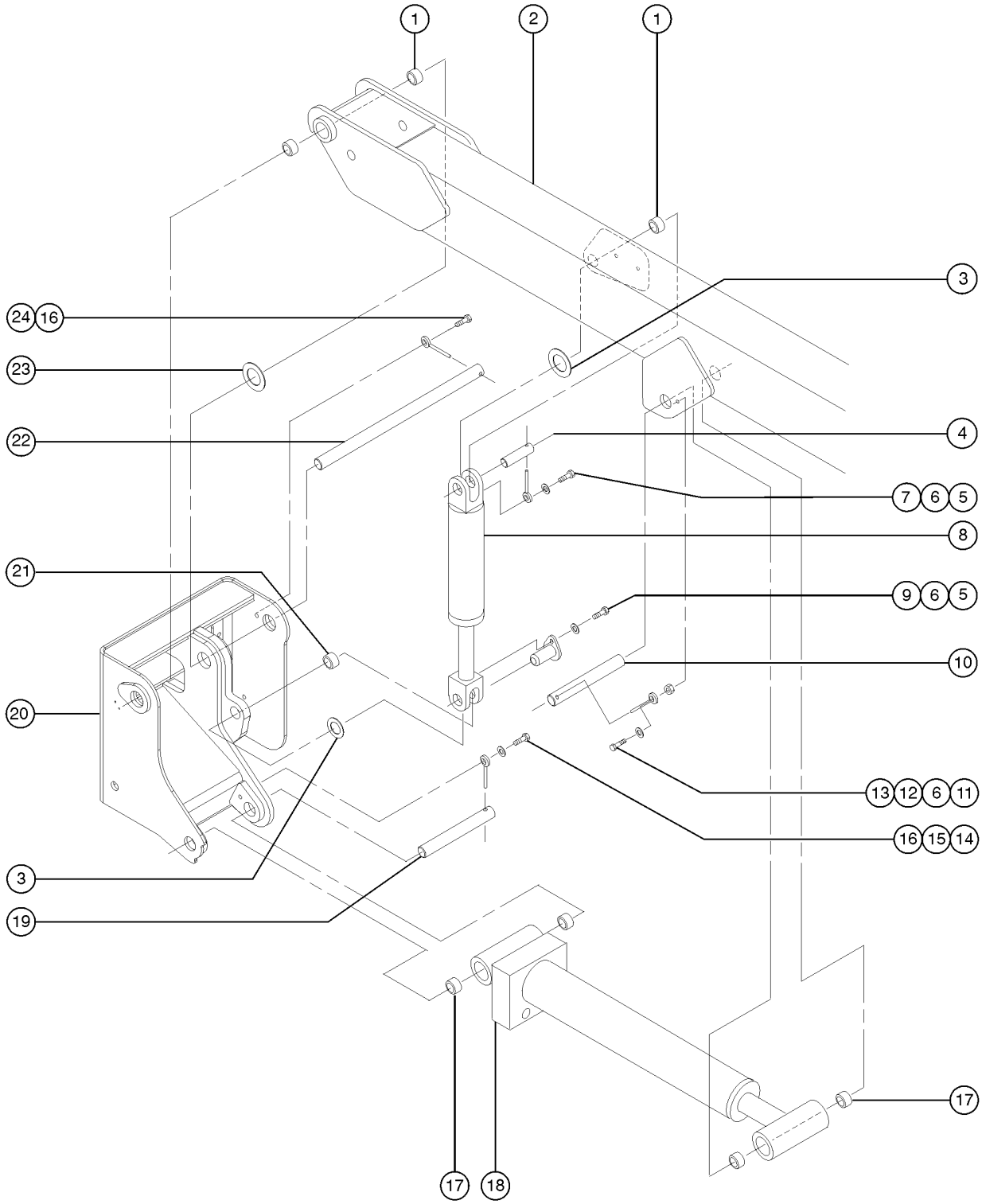
402.1 Secondary Linkage



Z-40 402.1
Boom Linkage

Item	Part No.	Description	Qty.
25	50479-SGT	CONNECTING LINK, Z45/25	1
26	119891GT	LOWER SECONDARY TUBE ASSY Z40	1
27	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
28	6178GT	NUT, NYLOCK, 10-32	
29	7713GT	NUT, LP NYLOCK, 3/8-16	
30	56849GT	PAD,REST,1"THICK,W/STUDS*	1
31	110974GT	SCREW,HHC,1/4-20X7.50 from SN 100 to 285	
31-	6888GT	SCREW, HHC, 1/4-20 X 1 from SN 286	
32	128290GT	SERVICE KIT, SECONDARY REST from SN 100 to 285	1
32-	128288GT	REST PAD,SECONDARY from SN 286	1
33	6090GT	SCREW, HHC, 1/4-20 X .75	
34	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
35	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
36	119892GT	UPPER PIVOT ASSEMBLY Z40	1
37	6091GT	NUT,NYLOCK,1/4-20 not used after serial number 285	

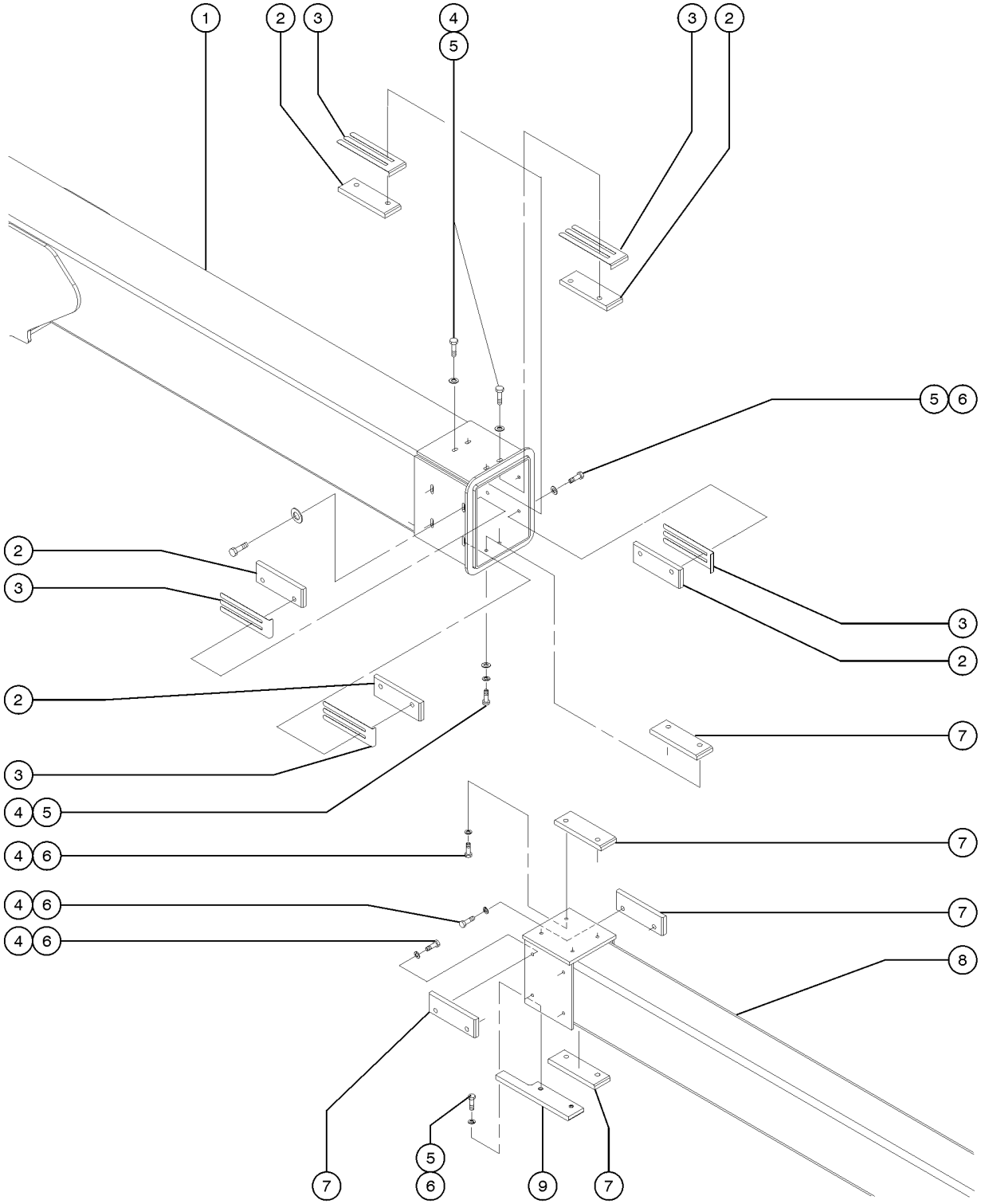
403.1 Upper Pivot



403.1 Upper Pivot

Item	Part No.	Description	Qty.
1		Ref., BEARING refer to 405.1	
2		Ref., PRIMARY BOOM refer to 405.1	1
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
4	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
5	6175GT	SCREW,HHC,3/8-16 X 1	
6	6021GT	WASHER, LOCK, .375	
7	1255452GT	ROD END,.375 X 2.25,ZAG	
8	110317GT	CYLINDER,LEVELING,UPPER PIVOT,Z-40	1
8-	77364GT	SEAL KIT, LEVELING CYLINDER	
9	70671GT	PIN,1.25 DIA X 3.19 LG, PLATE	1
10	50542GT	PIN,1.75DIAX9.25LG,1HOLE	1
11	8516GT	SCREW, HCC, 3/8-16 X 1.50	
12	825019GT	ROD END, .375X3.69, ZAG	
13	4828GT	NUT, NYLOCK, 3/8-16	
14	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
15	6033GT	WASHER,LOCK,0.5"	
16	1256267GT	ROD END,.5 X 3.75,ZAG	
17	1262633GT	BUSHING,POLYGON,BM5120	4
18	1263057GT	CYLINDER,PRIM LIFT JIB,Z45	1
18-	77189GT	SEAL KIT,CYL,Z45 (77187&77188) for 77188, 1263057	
18-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for 77188, 1263057	
19	70534GT	PIN,1.75DIAX11.88LG,CHAMFER	1
20	119892GT	UPPER PIVOT ASSEMBLY Z40 includes item 15	1
21	30370GT	BEARING,1.25IDX1.5ODX1.00L	1
22	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
23	18730GT	WASHER,FLAT,2.01 X 3.5 X .06	
24	8177GT	SCREW,HHC,1/2-13 X 1.5	

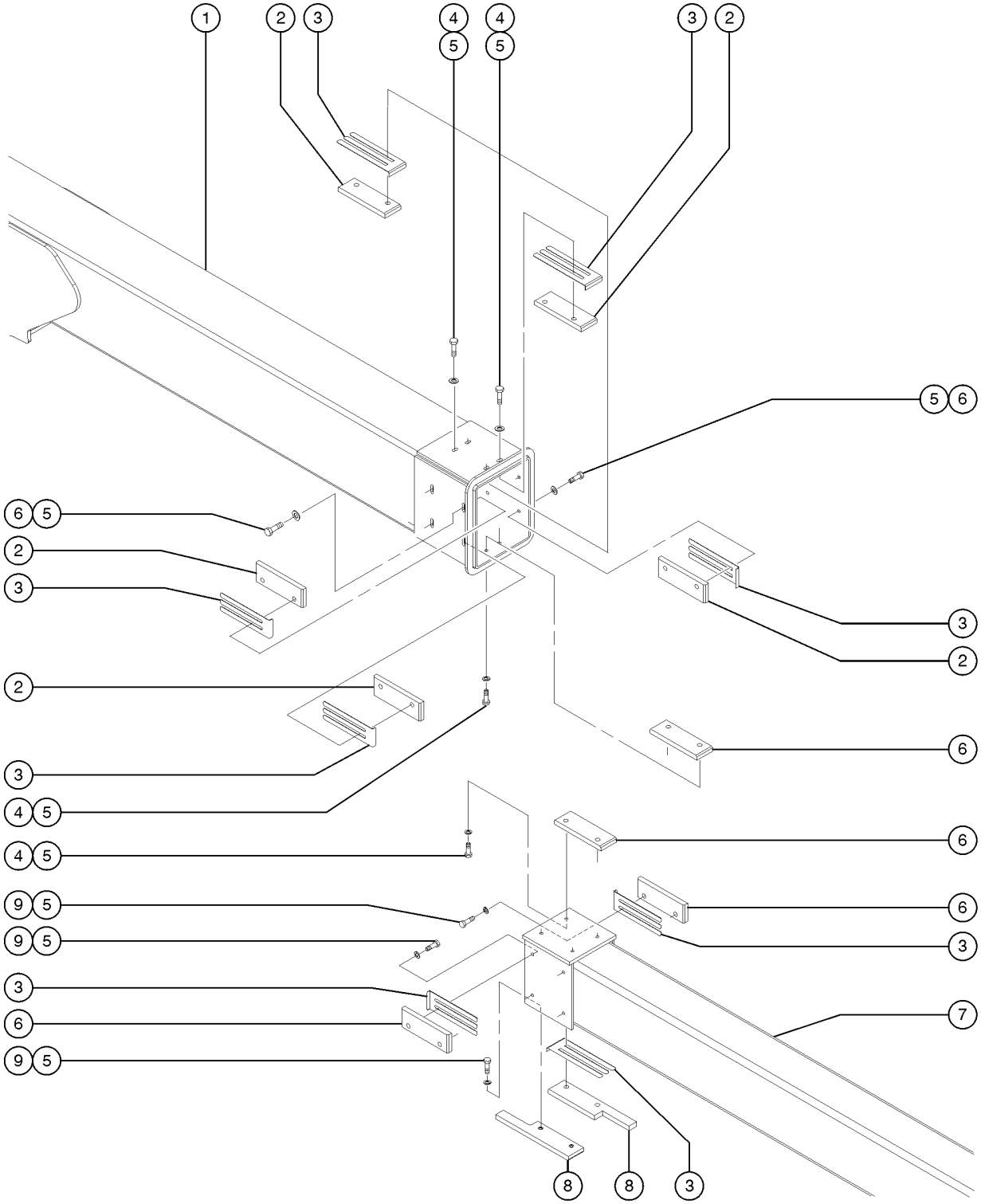
404.1 Primary Boom Wear Pads (to SN 681)



404.1 Primary Boom Wear Pads (to SN 681)

Item	*Part No.*	*Description*	*Qty.*
1		Ref., PRIMARY BOOM refer to 405.1	
2	101429GT	WEAR PAD,EXT BOOM*** 6 x 2 x 0.6875	6
3	74134GT	SHIM,WEAR PAD .030	as-needed
4	6888GT	SCREW, HHC, 1/4-20 X 1	
5	6638GT	WASHER, FLAT, USS, 1/4"Y	
6	6090GT	SCREW, HHC, 1/4-20 X .75	
7	74044GT	WEAR PAD,EXT BOOM*** 6 x 2 x 0.4375	9
8		Ref., EXTENSION BOOM refer to 405.1	
9	128037GT	WEARPAD, LS, EXT. BOOM	1

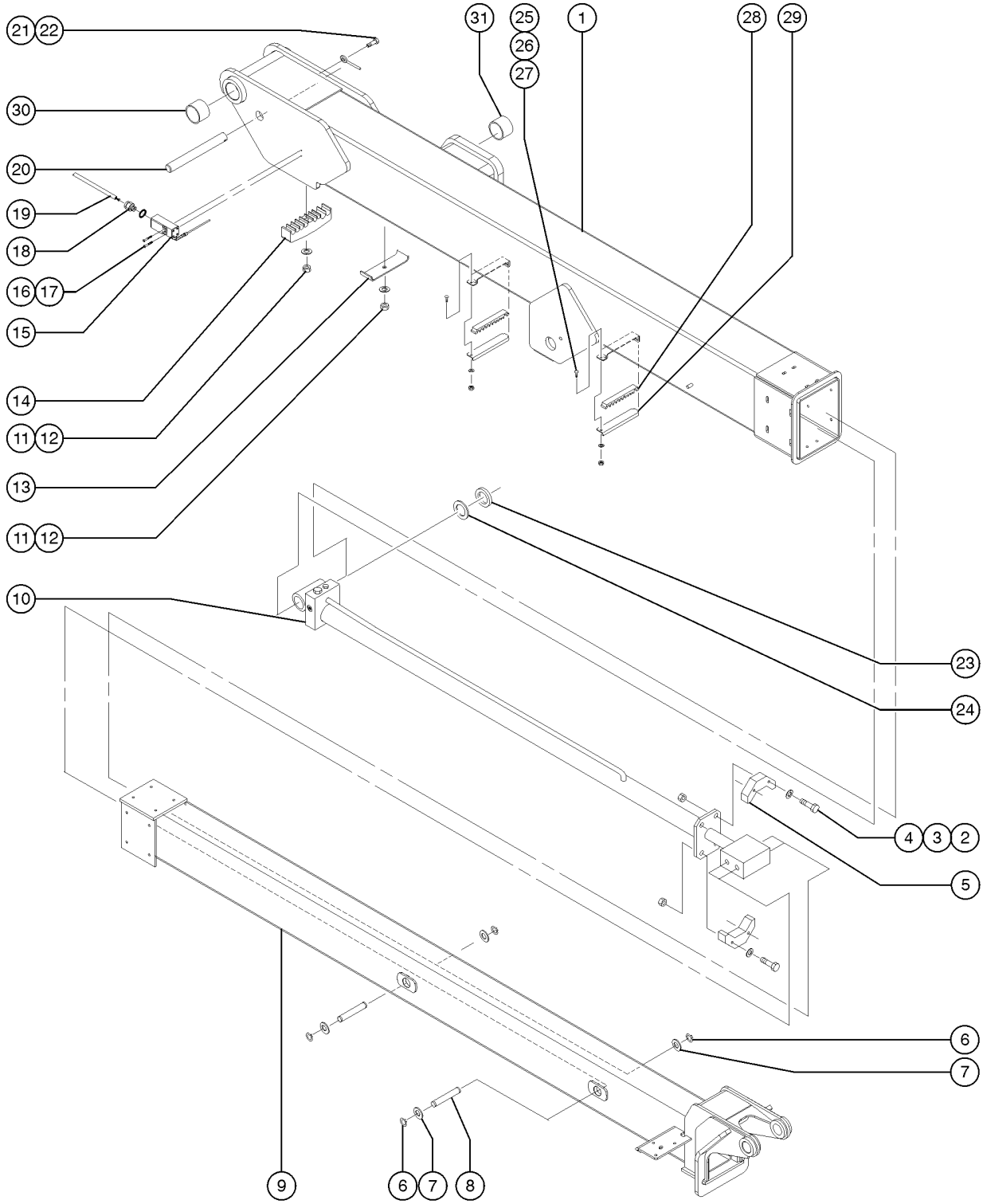
404.2 Primary Boom Wear Pads (from SN 682)



404.2 Primary Boom Wear Pads (from SN 682)

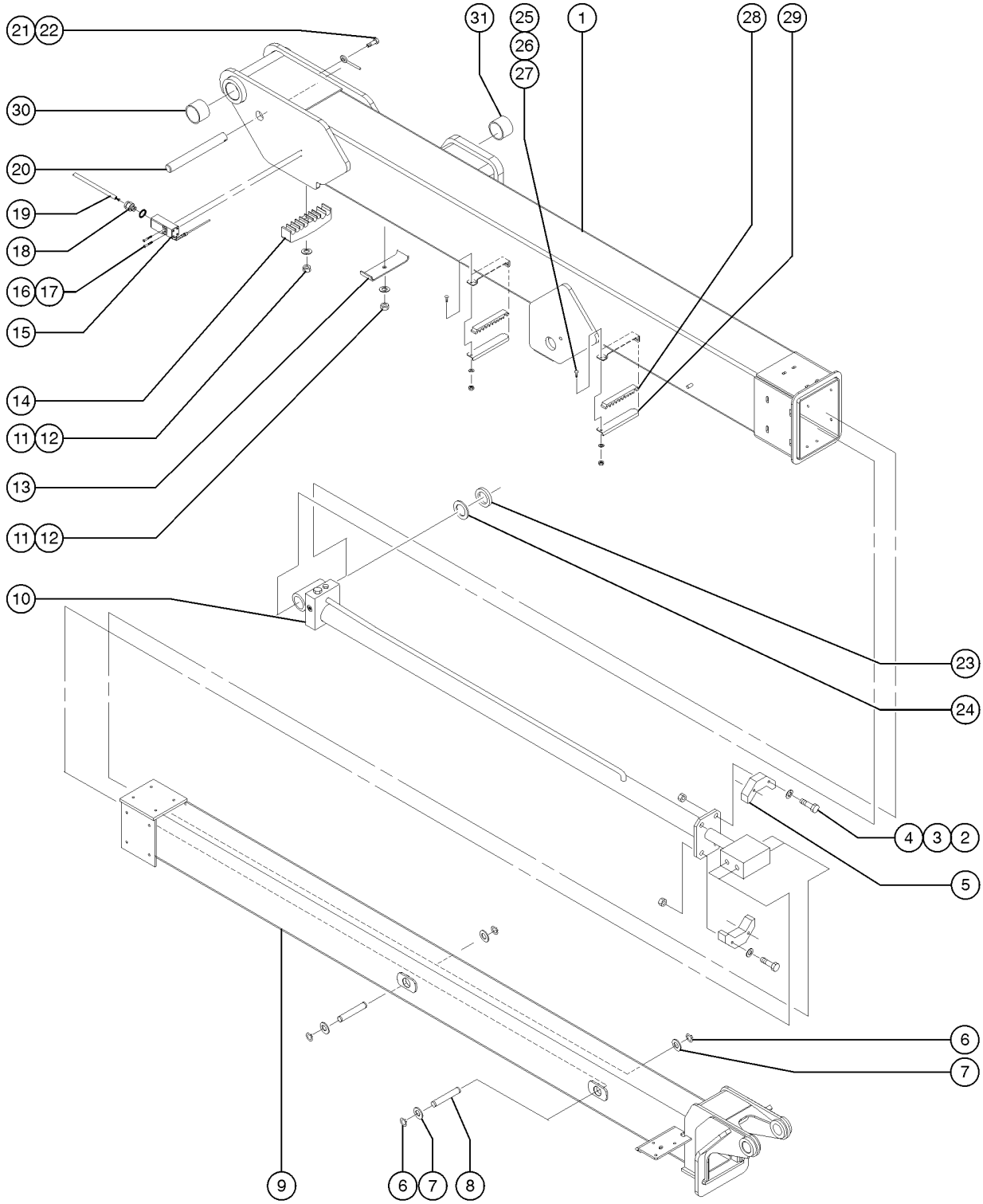
Item	*Part No.*	*Description*	*Qty.*
1		Ref., PRIMARY BOOM refer to 405.1	
2	101429GT	WEAR PAD,EXT BOOM*** 6 x 2 x 0.6875	
3	74134GT	SHIM,WEAR PAD .030	
4	6888GT	SCREW, HHC, 1/4-20 X 1	
5	6356GT	WASHER, LOCK, .25	
6	74044GT	WEAR PAD,EXT BOOM*** 6 x 2 x 0.4375	
7		Ref., EXTENSION BOOM refer to 405.1	
8	128037GT	WEARPAD, LS, EXT. BOOM	
9	6090GT	SCREW, HHC, 1/4-20 X .75	

405.1 Primary and Extension Booms



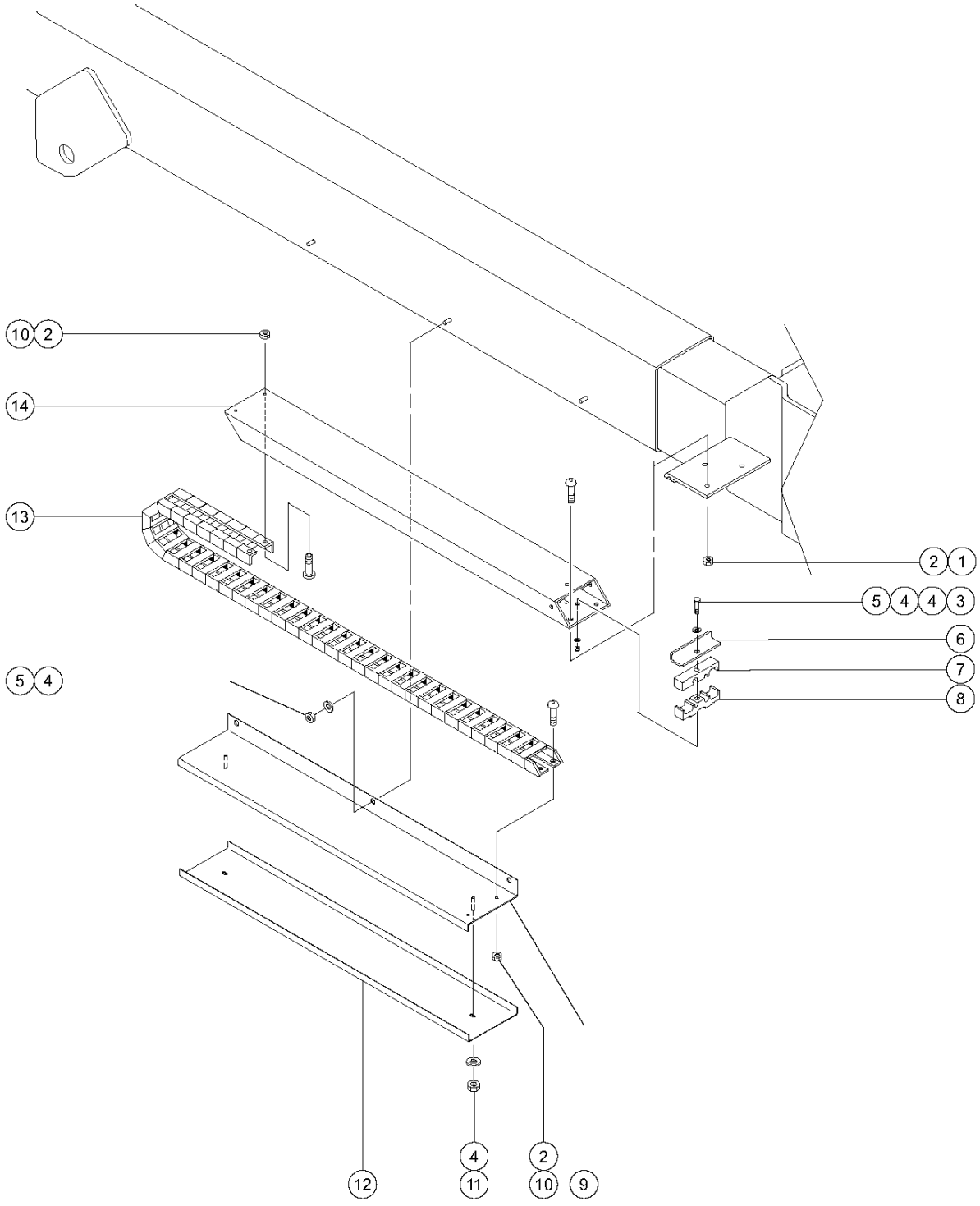
Item	Part No.	Description	Qty.
1A	1269536GT	PRIMARY BOOM, ASSY Z40 to SN 681 (includes items 30-31)	1
1B	1269537GT	PRIMARY BOOM, ASSY Z40 from SN 682 (includes items 30-31)	
2	6637GT	SCREW,HHC,1/4-20 X 1.75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT,NYLOCK,1/4-20	
5	110752GT	WEAR PAD,EXTENSION CYLINDER	2
6	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	4
7	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	4
8	50546GT	PIN,1.25DIAX6.36LG,2RING	2
9A	110539GT	WELDMENT, EXT. BOOM to SN 681	1
9B	128612GT	WELDMENT, EXT. BOOM, Z40 from SN 682	
10	110658GT	CYLINDER,EXTEND	1
10-	119526GT	SEAL KIT (110658)***	
10-	119955GT	VALVE,COUNTERBALANCE	
10-	77409GT	VALVE,COUNTERBALANCE,1000 ATM	
11	4828GT	NUT, NYLOCK, 3/8-16	
12	6097GT	WASHER, FLAT, USS, 3/8", Y	
13	54530GT	CLAMP,HOSE,ALUMINUM to SN 681	1
14	119517GT	CLAMP,PRIMARY BOOM to SN 681	2
15	88356-11165GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
15-	97128GT	ROLLER ARM,LIMIT SWITCH***	
15-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
15-		Ref., HARNESS,LS,PRIM/EXT refer to 308.1	
16	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
17	6178GT	NUT, NYLOCK, 10-32	
18	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	
19	1505GT	WIRE CABLE,16/2 SJO,BULK	42
20	50584GT	PIN,1.25DIAX9.38LG,THREADED	1

405.1 Primary and Extension Booms



Item	Part No.	Description	Qty.
21	6175GT	SCREW,HHC,3/8-16 X 1	
22	825019GT	ROD END, .375X3.69, ZAG	1
23	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
24	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1
25	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2 from SN 682	3
26	6638GT	WASHER, FLAT, USS, 1/4"Y from SN 682	3
27	6091GT	NUT,NYLOCK,1/4-20 from SN 682	3
28	128601GT	CLAMP, PRI, HOSE/CABLE, Z45/51 from SN 682	3
29	128995GT	FORMING, HOSE CLAMP RETAINER from SN 682	3
30	18720GT	BEARING,2.0IDX2.25ODX1.50L	2
31	30370GT	BEARING,1.25IDX1.5ODX1.00L	1

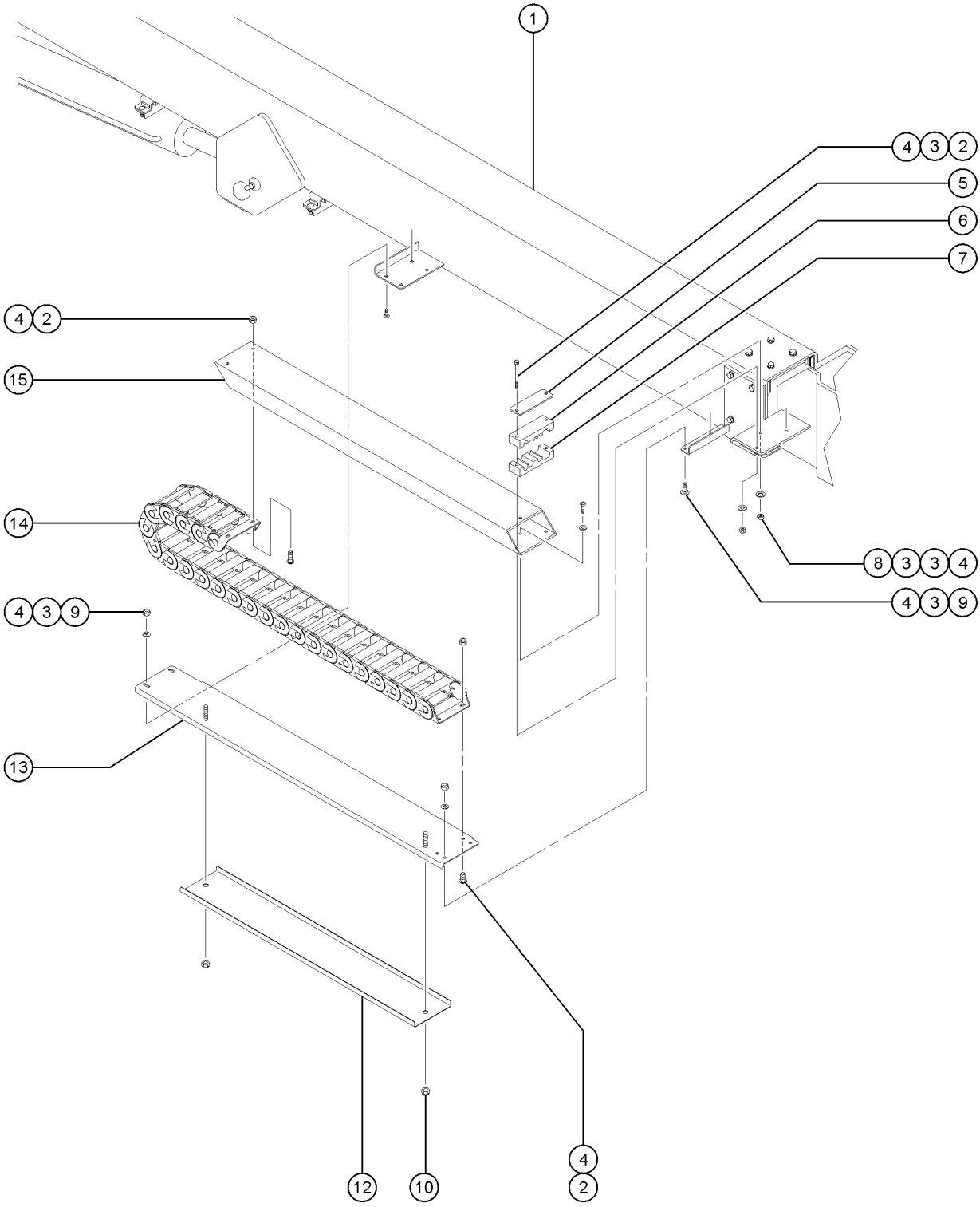
406.1 Cable Track (to SN 681)



406.1 Cable Track (to SN 681)

Item	Part No.	Description	Qty.
1	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
2	14297GT	SCREW,BHHS,1/4-20 X .75	
3	21604GT	SCREW,HHC,3/8-16 X 3.25	
4	5397GT	WASHER, FLAT, USS, 5/16-18	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	106804PGT	BACKING, HOSE CLAMP PTD	2
7	119522GT	CLAMP,CABLETRACK,TOP	1
8	119523GT	CLAMP,CABLETRACK,BOT	1
9	54983GT	WLDMNT,CABLE TRACK TRAY,JIB	1
10	6091GT	NUT,NYLOCK,1/4-20	
11	7713GT	NUT, LP NYLOCK, 3/8-16	
12	54984PGT	CHANNEL,CABLE TRK COVER,JIB,PA	1
13	50451GT	CABLE TRACK,PLASTIC,26 LINK*	1
13-	58919GT	REPAIR LINK,7 LINKS***	
13-	58927GT	LINK,NYLATRAC KS6-5.4***	
13-	58920GT	REPAIR LINK END SET (42763)*	
14	54461GT	TUBE,CABLE TRACK ARM,JIB	1

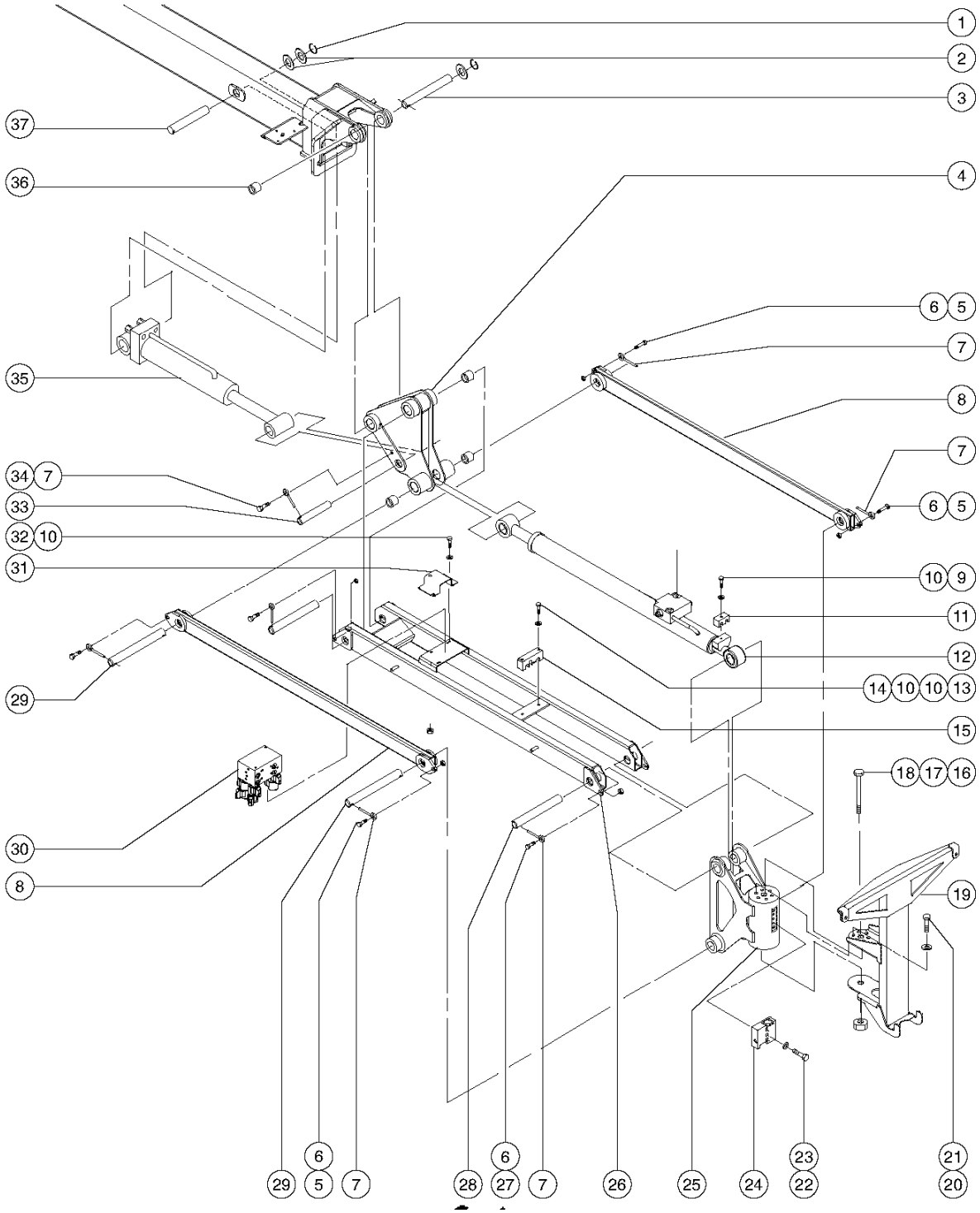
406.2 Cable Track (from SN 682)



406.2 Cable Track (from SN 682)

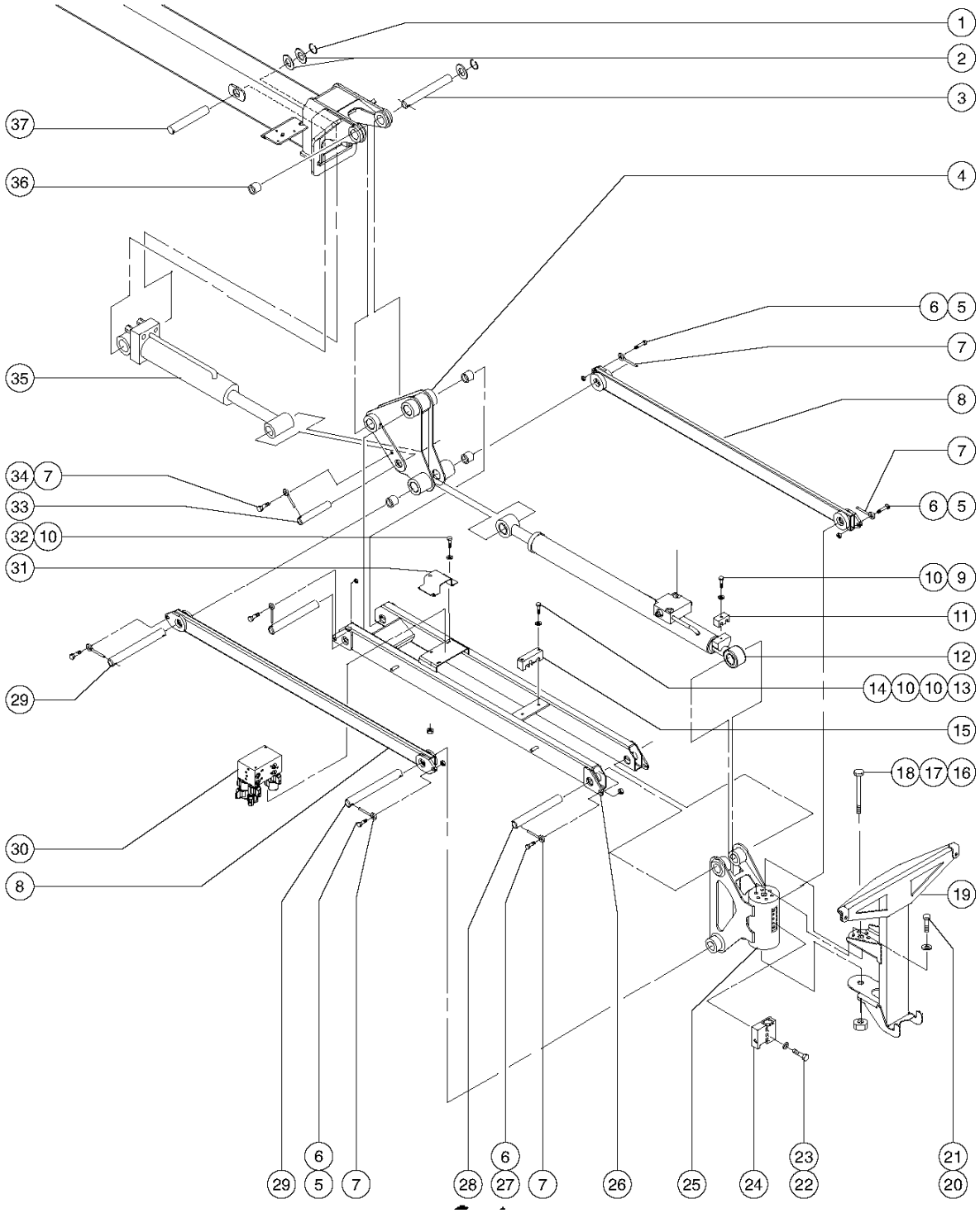
Item	Part No.	Description	Qty.
1		Ref., PRIMARY BOOM refer to 405.1	
2	14297GT	SCREW,BHHS,1/4-20 X .75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT,NYLOCK,1/4-20	
5	128862GT	BACKING PLATE, PULLTUBE	1
6	128613GT	CLAMP, CABLETRACK, TOP, Z40	1
7	128614GT	CLAMP, CABLETRACK, BOT, Z40	1
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
10	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
11			
12	128308GT	COVER,CABLETRACK TRAY,Z40/45	
13	128306GT	WLDMNT,CABLETRACK TRAY,Z40/45J	1
14A	50451GT	CABLE TRACK,PLASTIC,26 LINK* to SN 768	1
14A-	58919GT	REPAIR LINK,7 LINKS*** for 50451	
14A-	58920GT	REPAIR LINK END SET (42763)* for 50451	
14A-	58927GT	LINK,NYLATRAC KS6-5.4*** for 50451	
14B	139702GT	CABLE TRACK, NP400, 23 LINK from SN 769	
14B-	111052GT	REPAIR LINK,NP400-7*** for 139702	
14B-	111051GT	REPAIR LINK,7 LINKS NP400-7*** for 139702	
14B-	111053GT	REPAIR END BRKT SET,NP400-7*** for 139702	
15	128309GT	TUBE, CABLETRACK ARM, Z40/45	1

407.1 Jib Boom and Platform Rotator



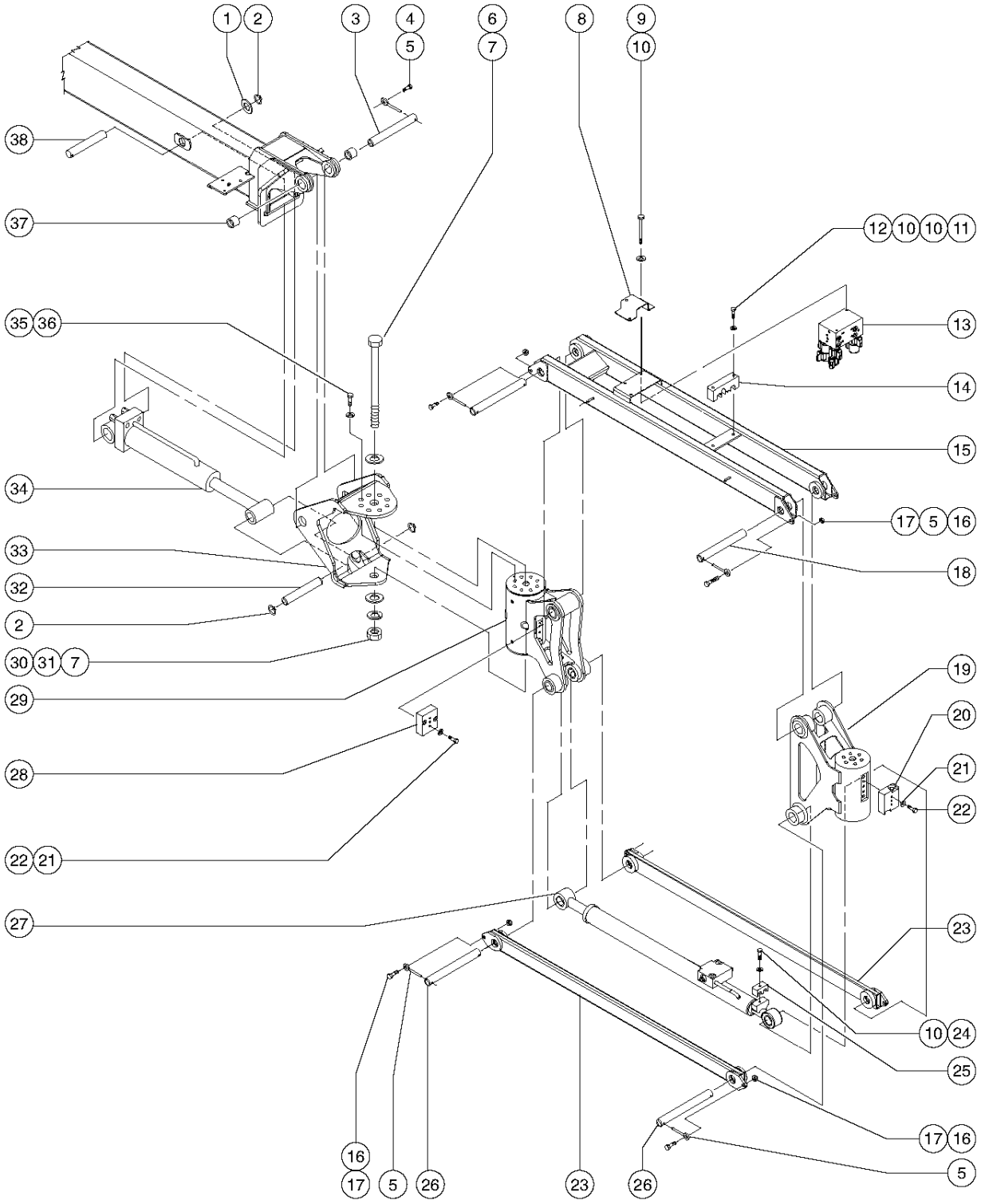
Item	Part No.	Description	Qty.
-	42939GT	WIRE LOOM,1.88 DIA.	109 inches
1	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	2
2	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	as-needed
3	128550GT	PIN,1.25DIAX7.64LG,2RING	1
4	119894GT	BELLCRANK,ASSEMBLY	1
4-	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	
5	8516GT	SCREW, HCC, 3/8-16 X 1.50	
6	4828GT	NUT, NYLOCK, 3/8-16	
7	825019GT	ROD END, .375X3.69, ZAG	
8	36054-SGT	COMPRESSION MEMBER (BORED)***	2
9	8915GT	SCREW, HHC, 1/4-20 X 1.25	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	70606GT	BLOCK,CABLE CLAMP,2/0 DOUBLE	1
12	110318GT	CYLINDER,JIB	1
12-	94261GT	SEAL KIT,94218 for 110318	
12-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	
13	8179GT	SCREW,HHC,1/4-20 X 2.25	
14	6091GT	NUT,NYLOCK,1/4-20	
15	119519GT	CLAMP,JIB BOOM	1
16	56925GT	SCREW,HHC,3/4-10 X 9.5 GR 8 YE	1
17	33278GT	WASHER, FLAT, .75 HARDENED	
18	77051GT	NUT,NYLOCK,3/4-10,GRD.8	1
19	56500-SGT	WELDMENT,PLATFORM SUPPORT***	1
20	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	6
21	57201GT	WASHER,FLAT,313, HARDENED	6
22	6145GT	SCREW, HHC, 1/4-20 X 1.5	
23	6356GT	WASHER, LOCK, .25	

407.1 Jib Boom and Platform Rotator



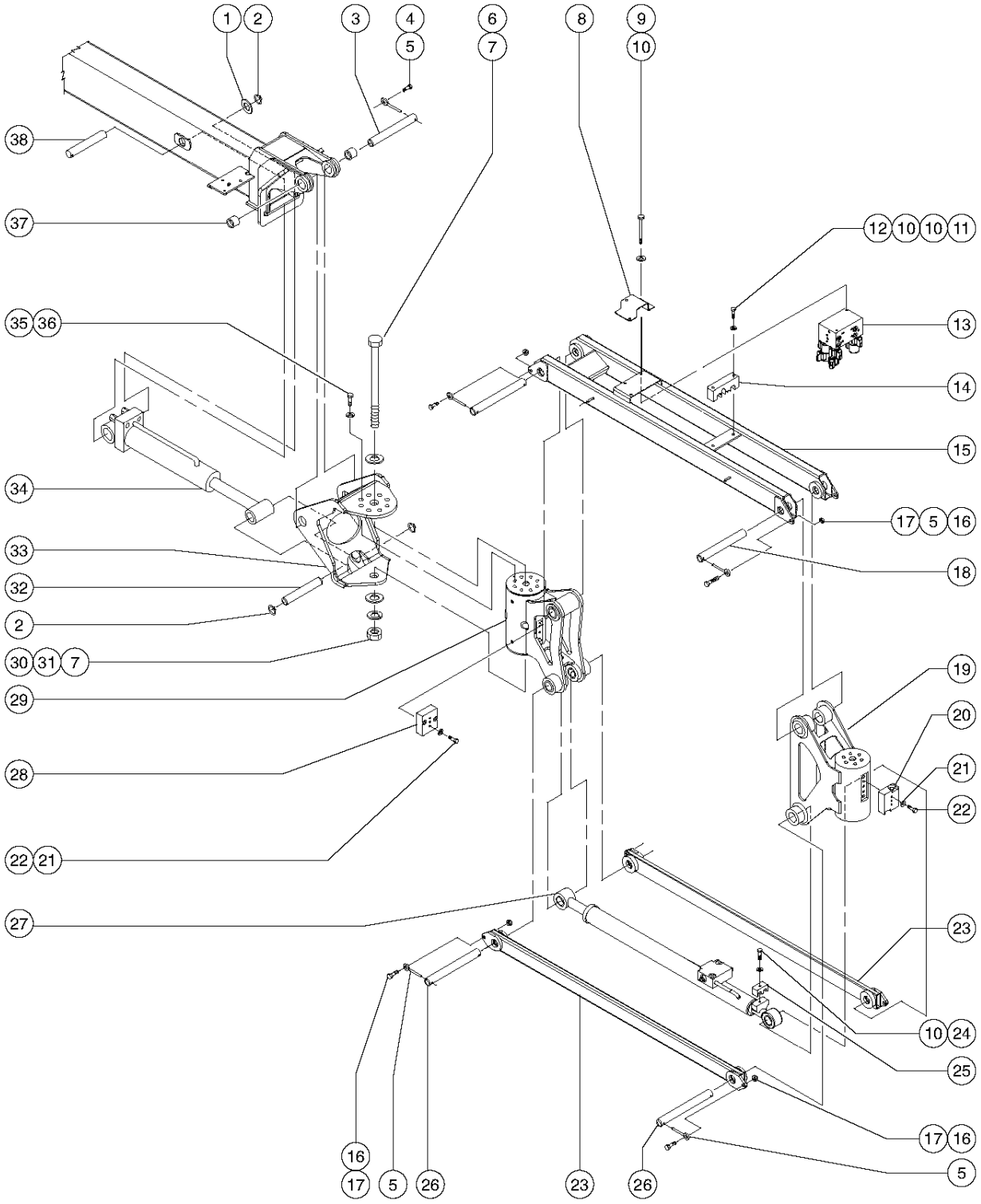
Item	Part No.	Description	Qty.
24	56929GT	MANIFOLD,ROTATOR,180 DEG.***	1
24-	62506GT	VALVE - COUNTERBALANCE**	
24-	62507GT	O-RING, ROTATOR MANIFOLD	
25A	233717GT	ROTATOR,PLAT,Z30/34/Z40	1
25A-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* (for 94404)	
25A-	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	
25B	233717GT	ROTATOR,PLAT,Z30/34/Z40 (replaced 94404)	1
25B-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR	
25B-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	
26	119563GT	JIB BOOM MACHINING	1
27	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
28	36199GT	PIN,1.25DIA.X10.38LG,1HOLE	2
29	42797GT	PIN,1.25DIAX12.50LG,2HOLE	2
30		Ref., JIB MANIFOLD Refer to 504.1 or 504.2	1
31	119222PGT	FORMING,HOSE GUIDE PAINTED	1
32	6090GT	SCREW, HHC, 1/4-20 X .75	
33	119032GT	PIN,1.25DIAX4.38LG,1HOLE	1
34	6175GT	SCREW,HHC,3/8-16 X 1	
35	110360GT	CYLINDER,LEVELING,BELLCRANK,Z-40	1
35-	94260GT	SEAL KIT, LEVELING CYLINDER	
35-	74735GT	VALVE,COUNTERBALANCE	
35-	47377GT	BEARING,1.25 ID X 1.5 OD X .75 barrel end	2
35-	35088GT	BEARING,FL,1.25IDX1.41ODX.89L rod end	2
36	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	2
37	50546GT	PIN,1.25DIAX6.36LG,2RING	1

408.1 Rotating Jib Boom Assembly



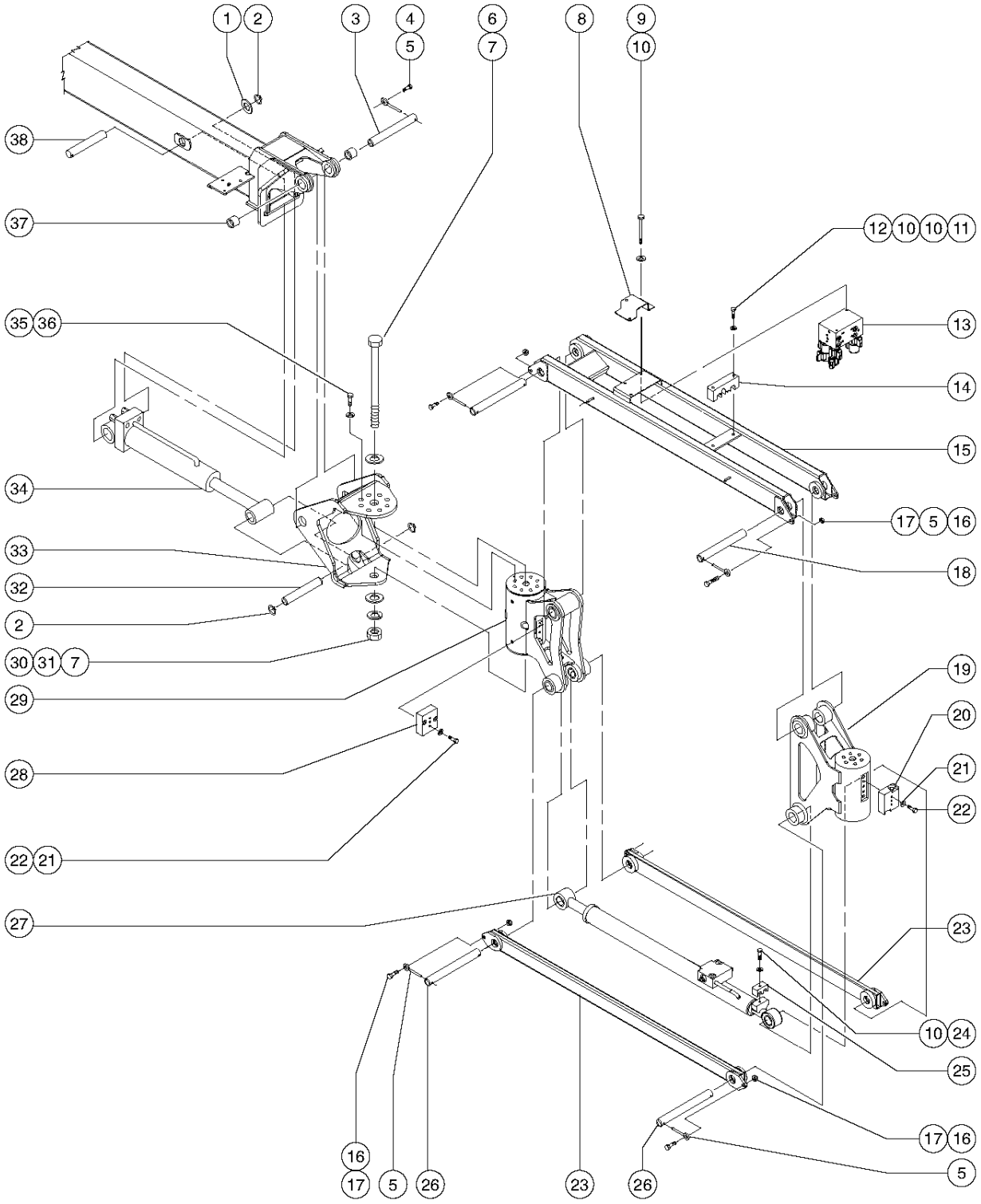
Item	Part No.	Description	Qty.
1A	30255GT	WASHER,SHIM,1.27 X 2.13 X .062 to SN 846	as-needed
1B	128837GT	WASHER 1.27ID X1.88OD X.062 from SN 847	
2	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	2
3	74089GT	PIN,1.25DIAx9.63LG,1HOLE	1
4	6175GT	SCREW,HHC,3/8-16 X 1	
5	825019GT	ROD END, .375X3.69, ZAG	
6	824075GT	SCREW, HHC, 1-8 X 12.75, 5, ZAG	
7	122079GT	WASHER,FLAT,1.000,HARDENED	2
8	119222PGT	FORMING,HOSE GUIDE PAINTED	1
9	6090GT	SCREW, HHC, 1/4-20 X .75	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	8179GT	SCREW,HHC,1/4-20 X 2.25	
12	6091GT	NUT,NYLOCK,1/4-20	
13		Ref., ROTATING JIB MANIFOLD Refer to 503.1 or 503.2	1
14	119519GT	CLAMP,JIB BOOM	1
15	119563GT	JIB BOOM MACHINING	1
16	4828GT	NUT, NYLOCK, 3/8-16	
17	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
18	36199GT	PIN,1.25DIA.X10.38LG,1HOLE	2
19A	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* for 94404; to SN 1556	
19A-	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	
19B	233717GT	ROTATOR,PLAT,Z30/34/Z40 replaced 94404	1
19B-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR from SN 1557	
19B-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	
20	56929GT	MANIFOLD,ROTATOR,180 DEG.***	1
20-	62506GT	VALVE - COUNTERBALANCE**	
20-	62507GT	O-RING, ROTATOR MANIFOLD	

408.1 Rotating Jib Boom Assembly



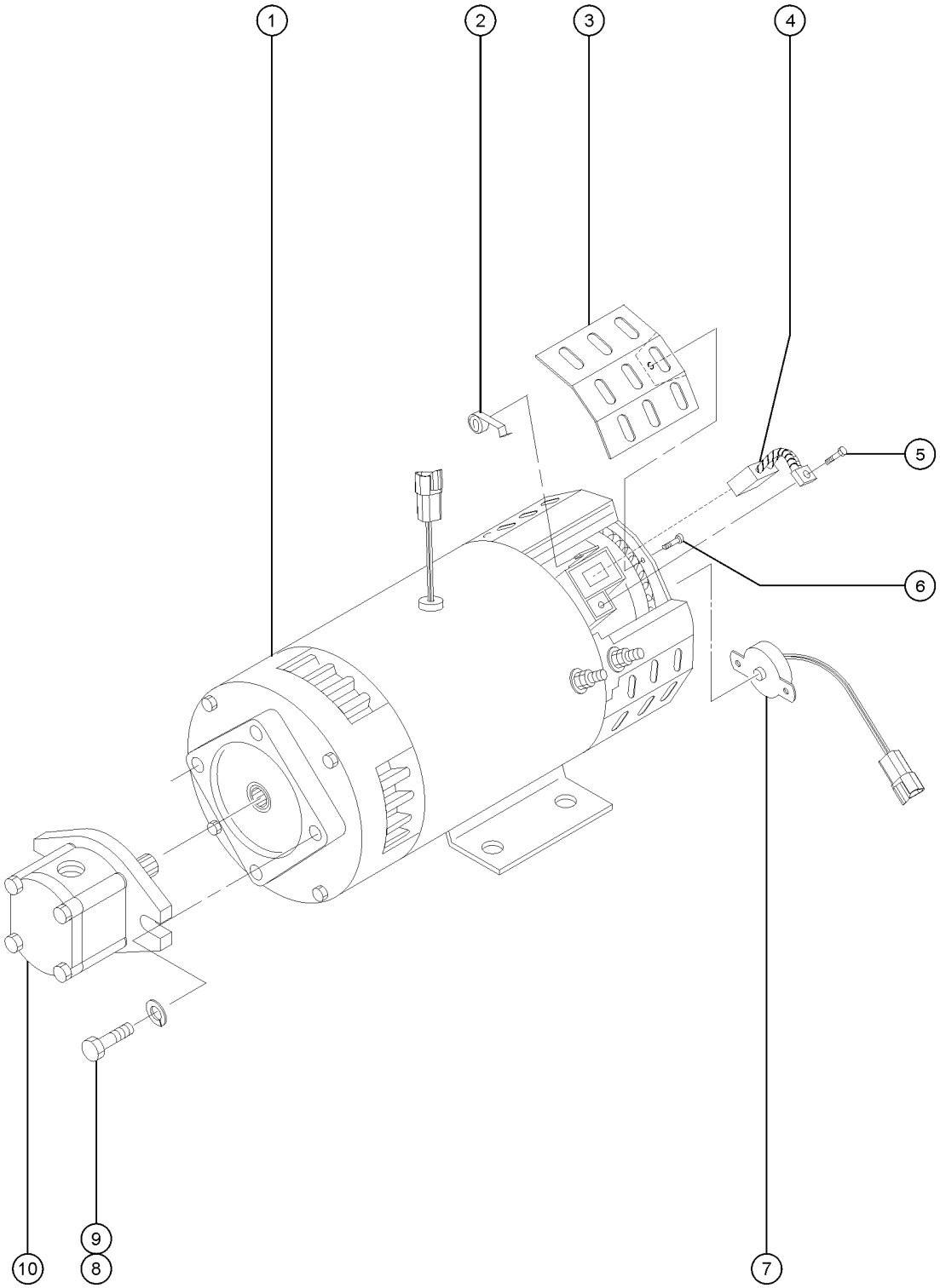
Item	Part No.	Description	Qty.
21	6356GT	WASHER, LOCK, .25	
22	6145GT	SCREW, HHC, 1/4-20 X 1.5	
23	36054-SGT	COMPRESSION MEMBER (BORED)***	2
24	8915GT	SCREW, HHC, 1/4-20 X 1.25	
25	70606GT	BLOCK,CABLE CLAMP,2/0 DOUBLE	1
26	42797GT	PIN,1.25DIAX12.50LG,2HOLE	2
27	110318GT	CYLINDER,JIB	1
27-	94261GT	SEAL KIT,94218 for 110318	
27-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	
28	74051GT	MANIFOLD,ROTATOR 200 DEG.	1
28-	62506GT	VALVE - COUNTERBALANCE**	
28-	62507GT	O-RING, ROTATOR MANIFOLD	
29	226540GT	ROTATOR,JIB,180 DEG,15K This is a direct replacement for 94403 but the seal kits are not backwards compatible. Please check the PN on rotator before ordering one of the seal kits listed below.	1
29-	226542GT	SEAL KIT, 15K ROTATOR FOR 226540. REFER TO THE MANUFACTURER SN STAMPED ON THE ROTATOR BARREL. FOR ROTATOR SN D1A009 AND EARLIER, USE SEAL KIT P/N 147370. FOR ROTATOR SERIAL NUMBERS D1A010 AND LATER, USE SEAL KIT P/N 226542	
29-	147370GT	SEAL KIT,15K ROTATOR FOR 94403. REFER TO THE MANUFACTURER SN STAMPED ON THE ROTATOR BARREL. FOR ROTATOR SN D1A009 AND EARLIER, USE SEAL KIT P/N 147370. FOR ROTATOR SERIAL NUMBERS D1A010 AND LATER, USE SEAL KIT P/N 226542	
30	123143GT	NUT,NYLOCK,1-8,GR8	1
31	29605GT	WASHER,LOCK,1"	
32A	56749GT	PIN,SLAVE CYLINDER to SN 811	1
32B	139655GT	PIN,SLAVE CYLINDER from SN 812	
33	74081GT	MACH,SUPPORT ROTATOR	1
33-	74866GT	BEARING,1.25IDX1.50ODX1.25L	
34	110360GT	CYLINDER,LEVELING,BELLCRANK,Z-40	1
34-	94260GT	SEAL KIT, LEVELING CYLINDER	
34-	74735GT	VALVE,COUNTERBALANCE	
34-	47377GT	BEARING,1.25 ID X 1.5 OD X .75 barrel end	2
34-	35088GT	BEARING,FL,1.25IDX1.41ODX.89L rod end	2

408.1 Rotating Jib Boom Assembly



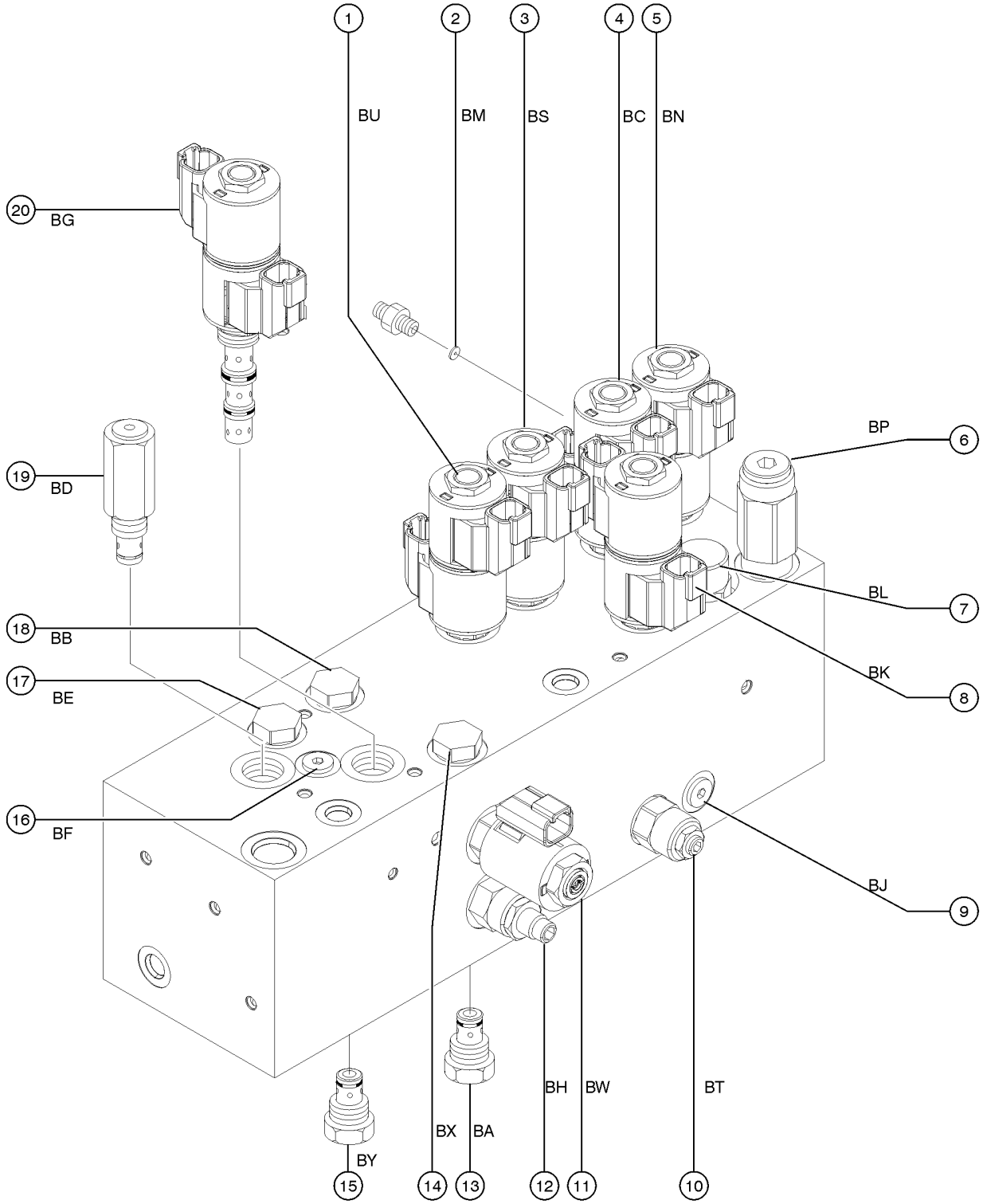
Item	Part No.	Description	Qty.
35	123663GT	SCREW,HHC,1/2-13X1.25,GR8,Y	8
36	13066GT	WASHER,FLAT,.5 HARDENED	
37	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	2
38	50546GT	PIN,1.25DIAX6.36LG,2RING	1

501.1 Hydraulic Power Unit



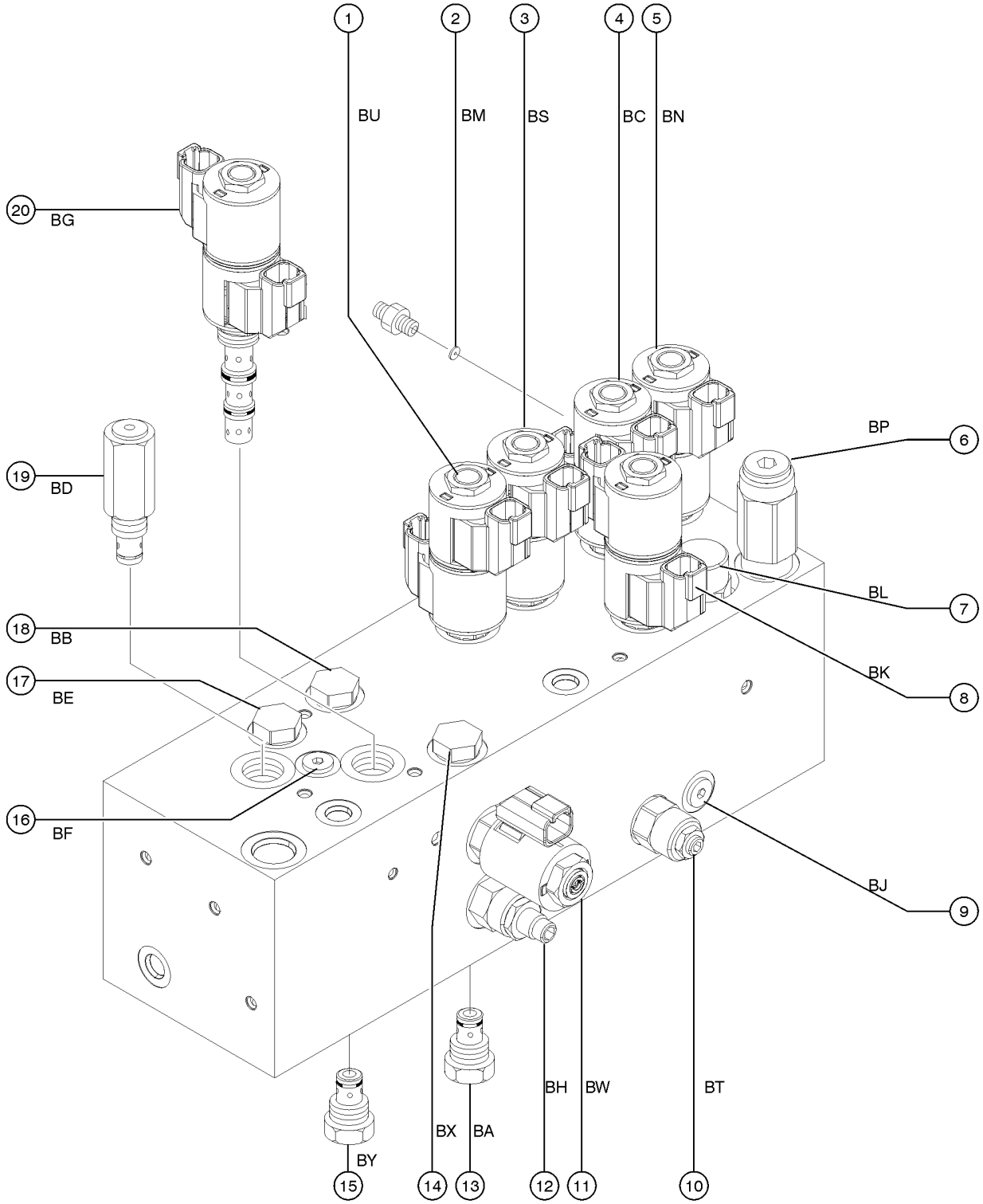
Item	Part No.	Description	Qty.
1	110573GT	MOTOR W/TACH 48VDC,3.5HP	1
2	44750GT	SPRING-BRUSH,40844, SCISSORS	1
3	58936GT	BRUSH COVER -PLATE-(48504)*	1
4	58932GT	BRUSH SET 4 EA	1
5	52913GT	SCREW,HH TAPETITE THRD8-32X.50	
6	52914GT	SCREW,HHTAPTITE THREAD8-32X.38	
7	128009GT	SENSOR KIT, SPEED (110573) includes sensor, magnet, and fasteners	1
8	32317GT	SCREW,HHC,3/8-24 X 1 GR 8 YEL	
9	6021GT	WASHER, LOCK, .375	
10A	147557GT	KIT,Z40 FUNC PUMP REPLACEMENT* to SN 830	1
10A	231572GT	PUMP,4CC,GEAR,CCW for use ONLY after first-time installation of 147557	
10A-	85197GT	SEAL KIT,BOSCH PUMP*** for 147557 and 96193; pump stamping 9510290001	
10A-	233641GT	SEAL KIT,BOSCH PUMP for 147557 and 96193; pump stamping 9510090001	
10B	231572GT	PUMP,4CC,GEAR,CCW from SN 831	
10B-	85197GT	SEAL KIT,BOSCH PUMP***	
10B-	233641GT	SEAL KIT,BOSCH PUMP	
10C	119957GT	SEAL KIT W/SHAFT SEAL,4CC PUMP for 119951 pump; from SN 100 to 830	
10C	119956GT	SEAL KIT,SHAFT,4CC PUMP for 119951 pump; from SN 100 to 830	

502.1 Function Manifold



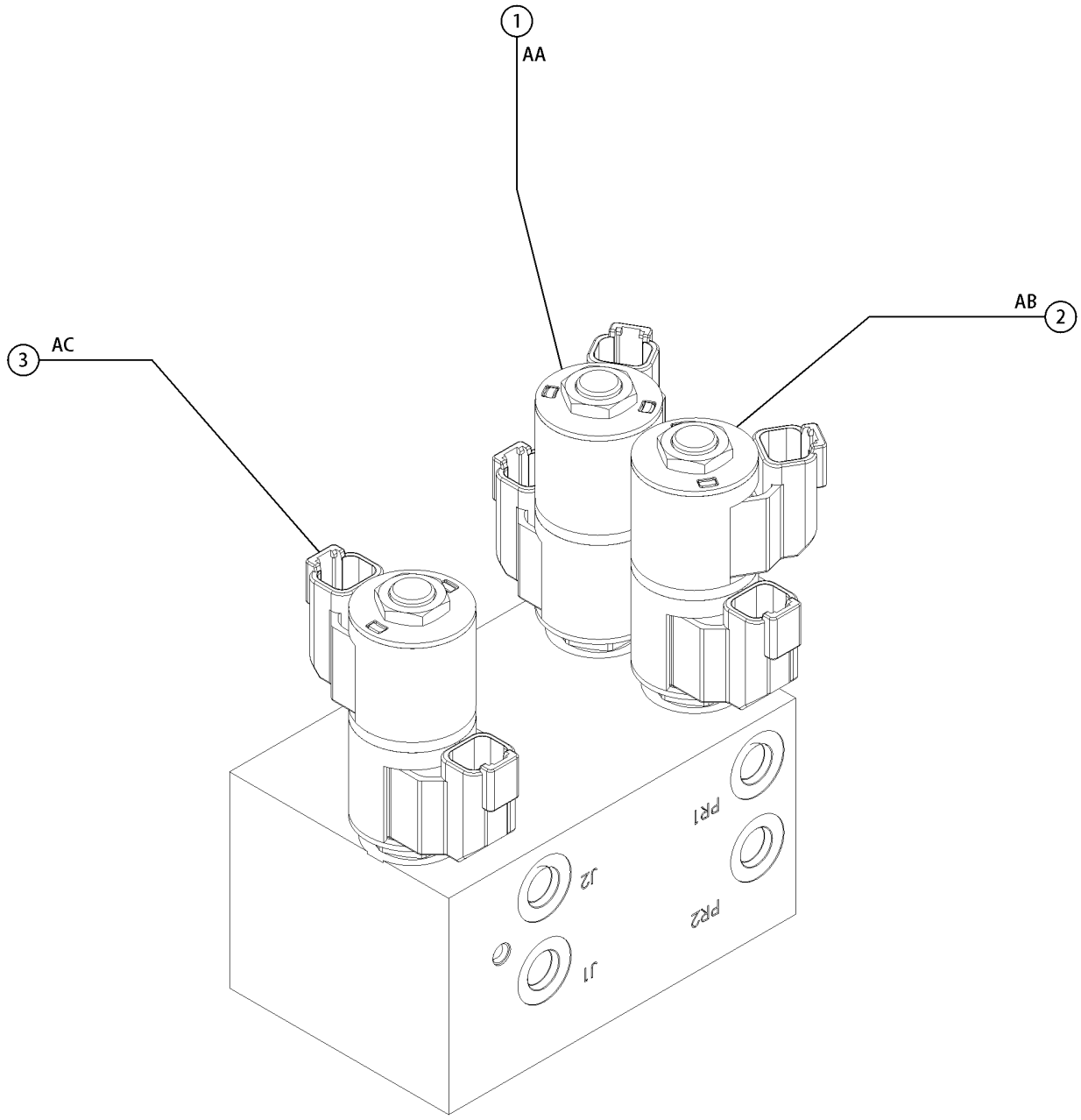
Item	Part No.	Description	Qty.
	110338GT	MANIFOLD,FUNCTION	
1	107788GT	VALVE,PROPORTIONAL 3 POS 4 WY BU, Primary boom extend/retract	
1-	119827GT	COIL, 20V, ZENER DIODE DEUTSCH	
1-	44229GT	SEAL KIT, VALVE	
2	47092GT	ORIFICE DISC,.046",GREEN BM, Secondary boom down	
3	94614GT	VALVE,PROP,3 POS,4-WAY*** BS, Primary boom up/down	
3-	119827GT	COIL, 20V, ZENER DIODE DEUTSCH	
3-	44229GT	SEAL KIT, VALVE	
4	119828GT	VALVE,PROPORTIONAL 3 POS 4 WY* BC, Steer left/right	
4-	119827GT	COIL, 20V, ZENER DIODE DEUTSCH	
4-	44229GT	SEAL KIT, VALVE	
5	94614GT	VALVE,PROP,3 POS,4-WAY*** BN, Secondary boom up/down	
5-	119827GT	COIL, 20V, ZENER DIODE DEUTSCH	
5-	44229GT	SEAL KIT, VALVE	
6	119829GT	VALVE,RELIEF 2100 PSI BP, Secondary down	
6-	44227GT	SEAL KIT, VALVE	
7	110180GT	VALVE, COMPENSATOR, 80 PSI BL, Turntable rotate curcuit	
8	107816GT	VALVE,PROPORTIONAL 3 POS 4 WY* BK, Turntable rotate left/right	
8-	119827GT	COIL, 20V, ZENER DIODE DEUTSCH	
8-	44229GT	SEAL KIT, VALVE	
9	826779GT	VALVE, SHUTTLE BJ Turntable rotate curcuit	
10	54063GT	VALVE,CB.CBBC-LHN@1000*** BT, Primary down	
10-	43018GT	SEAL KIT (39345)	
11	119830GT	VALVE,PROPORTIONAL RELIEF BW, System relief	
11-	119825GT	COIL, 24V, DEUTSCH NO DIODE	
11-	44227GT	SEAL KIT, VALVE	
12	101055GT	VALVE,NEEDLE,FINE ADJUSTMENT** BH, Platform level up/down	
13	52368GT	VALVE,CHECK,GS68 (SIZE8 8) BA, Prevents oil from draining out of jib/rotate manifold back to tank	

502.1 Function Manifold



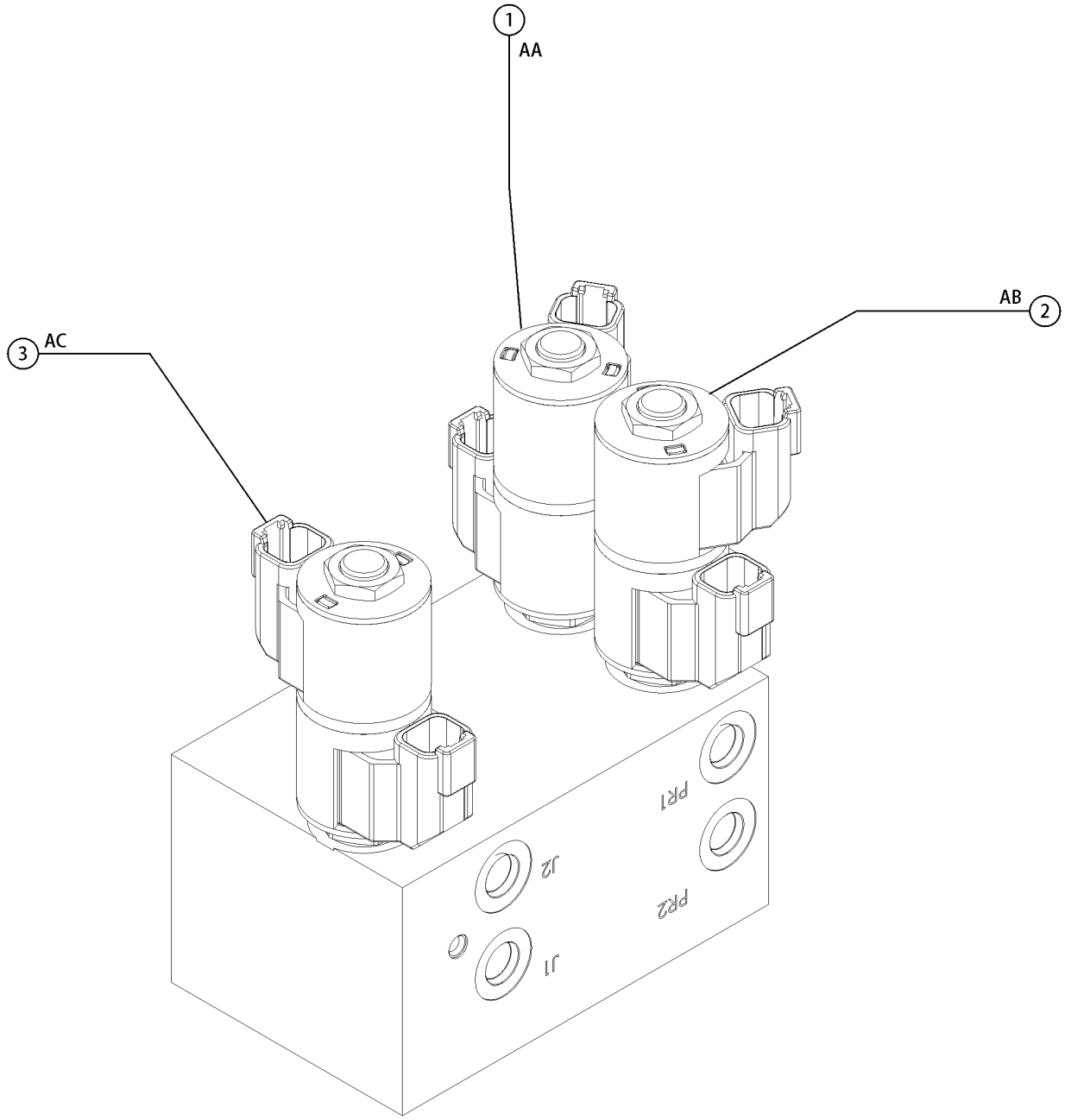
Item	Part No.	Description	Qty.
13-	44227GT	SEAL KIT, VALVE	
14	107740GT	VALVE, CHECK 25 PSI BX, System relief valve circuit	
15	52368GT	VALVE,CHECK,GS68 (SIZE8 8) BY, Prevents oil from draining out of jib/rotate manifold back to tank	
15-	44227GT	SEAL KIT, VALVE	
16	44216GT	VALVE,SHUTTLE BF, Platform level	
16-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
17	101958GT	VALVE,CHECK,DUAL PILOT,135 PSI BE, Platform level	
18	107740GT	VALVE, CHECK 25 PSI BB, Prevents oil from draining out of manifold	
19	101114GT	VALVE RELIEF,2500PSI(88513)** BD, Platform level Relief	
20	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** BG, Platform level up/down	
20-	119827GT	COIL, 20V, ZENER DIODE DEUTSCH	
20-	44229GT	SEAL KIT, VALVE	

503.1 Jib Rotate Manifold (to SN 611)



Item	Part No.	Description	Qty.
		MANIFOLD,ROTATING JIB*** (110354GT) Note: this part is obsolete and has been replaced by 128570; software upgrade to rev C or later required when replacing; refer to section 503.2 after replacement	
1	94614GT	VALVE,PROP,3 POS,4-WAY*** AA, Jib boom up / down	
1-	119836GT	COIL, 20V, DEUTSCH NO DIODE	
1-	44229GT	SEAL KIT, VALVE	
1-	44174GT	NUT-COIL SHORT	
1-	97372GT	SPACER, COIL	
2	94614GT	VALVE,PROP,3 POS,4-WAY*** AB, Platform rotate	
2-	119836GT	COIL, 20V, DEUTSCH NO DIODE	
2-	44229GT	SEAL KIT, VALVE	
2-	44174GT	NUT-COIL SHORT	
2-	97372GT	SPACER, COIL	
3	94614GT	VALVE,PROP,3 POS,4-WAY*** AC, Jib boom rotate	
3-	119836GT	COIL, 20V, DEUTSCH NO DIODE	
3-	44229GT	SEAL KIT, VALVE	
3-	44174GT	NUT-COIL SHORT	
3-	97372GT	SPACER, COIL	

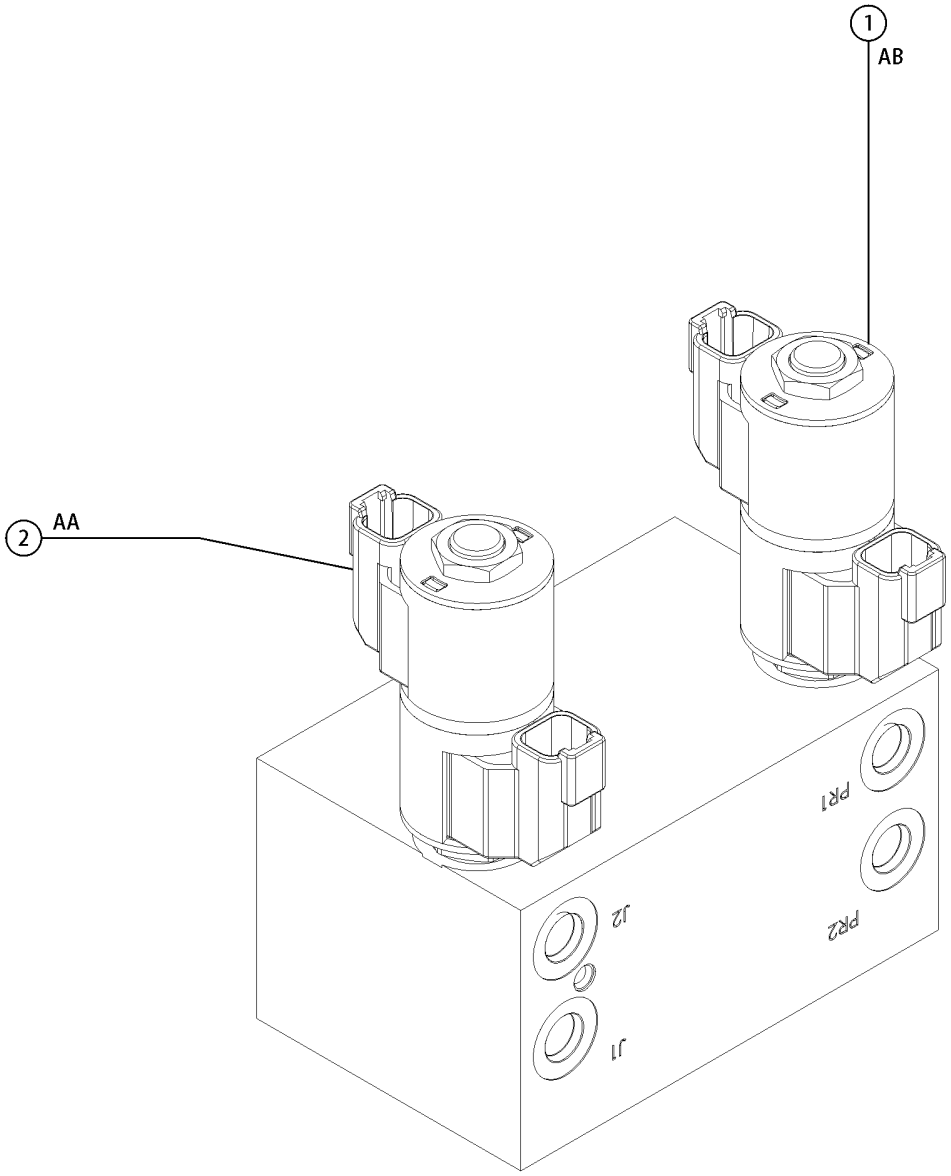
503.2 Jib Rotate Manifold (from SN 612)



503.2 Jib Rotate Manifold (from SN 612)

Item	Part No.	Description	Qty.
	128570GT	MANIFOLD,ROTATING JIB,Z40 Backwards compatible for units before SN 612 with rev C Software	
1	94614GT	VALVE,PROP,3 POS,4-WAY*** AA, Jib boom up / down	
1-	119836GT	COIL, 20V, DEUTSCH NO DIODE	
1-	44229GT	SEAL KIT, VALVE	
1-	44174GT	NUT-COIL SHORT	
1-	97372GT	SPACER, COIL	
2	107816GT	VALVE,PROPORTIONAL 3 POS 4 WY* AB, Platform rotate	
2-	119836GT	COIL, 20V, DEUTSCH NO DIODE	
2-	44229GT	SEAL KIT, VALVE	
2-	44174GT	NUT-COIL SHORT	
2-	44236GT	SPACER-DUAL COIL,#8***	
3	107816GT	VALVE,PROPORTIONAL 3 POS 4 WY* AC, Jib boom rotate	
3-	119836GT	COIL, 20V, DEUTSCH NO DIODE	
3-	44229GT	SEAL KIT, VALVE	
3-	44174GT	NUT-COIL SHORT	
3-	44236GT	SPACER-DUAL COIL,#8***	

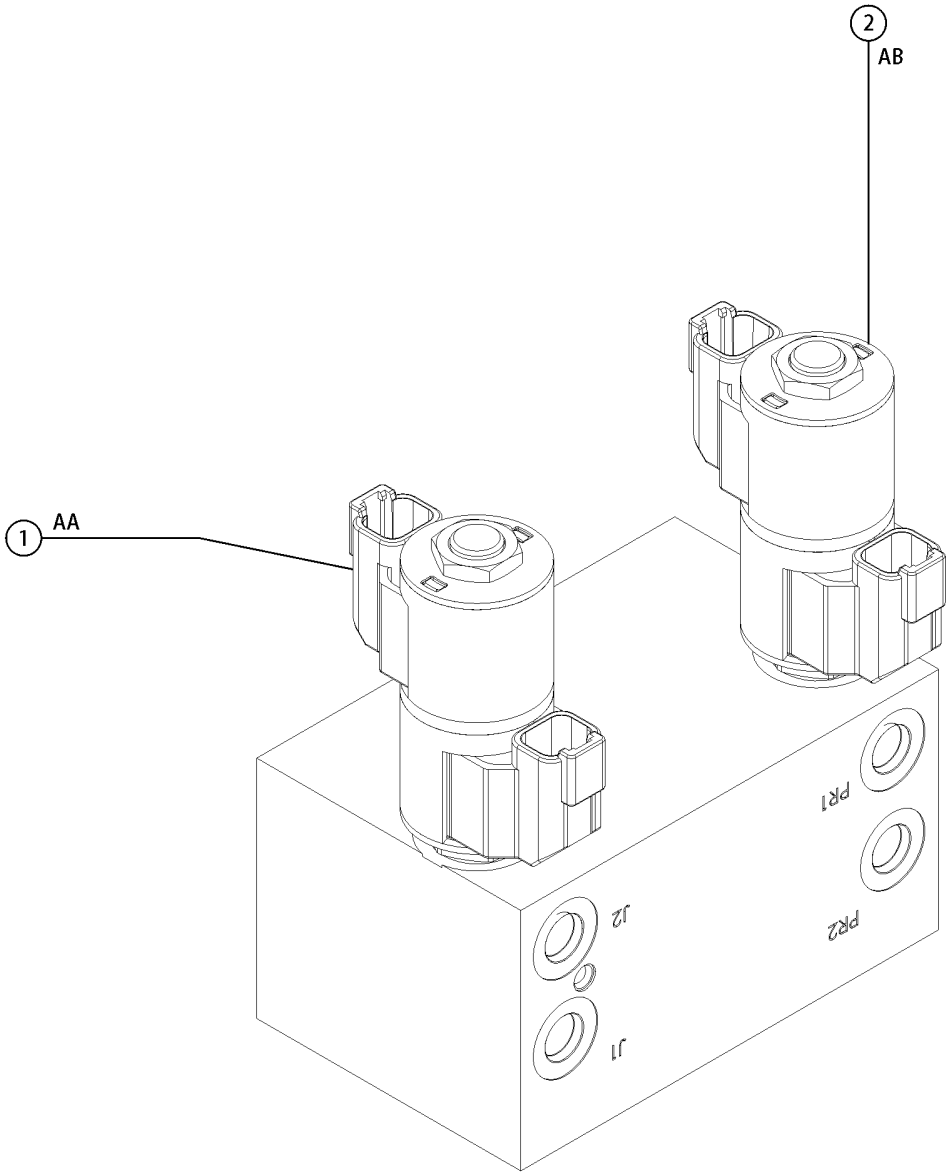
504.1 Jib Manifold (to SN 677)



504.1 Jib Manifold (to SN 677)

Item	Part No.	Description	Qty.
		MANIFOLD,NON-ROTATING JIB (110355GT) Note: this part is obsolete and has been replaced by 128569; software upgrade to rev C or later required when replacing; refer to section 504.2 after replacement	
1	94614GT	VALVE,PROP,3 POS,4-WAY*** ..... AB, Platform rotate	1
1-	119836GT	COIL, 20V, DEUTSCH NO DIODE	
1-	44229GT	SEAL KIT, VALVE	
1-	44174GT	NUT-COIL SHORT	
1-	97372GT	SPACER, COIL	
2	94614GT	VALVE,PROP,3 POS,4-WAY*** ..... AA, Jib boom up / down	1
2-	119836GT	COIL, 20V, DEUTSCH NO DIODE	
2-	44229GT	SEAL KIT, VALVE	
2-	44174GT	NUT-COIL SHORT	
2-	97372GT	SPACER, COIL	

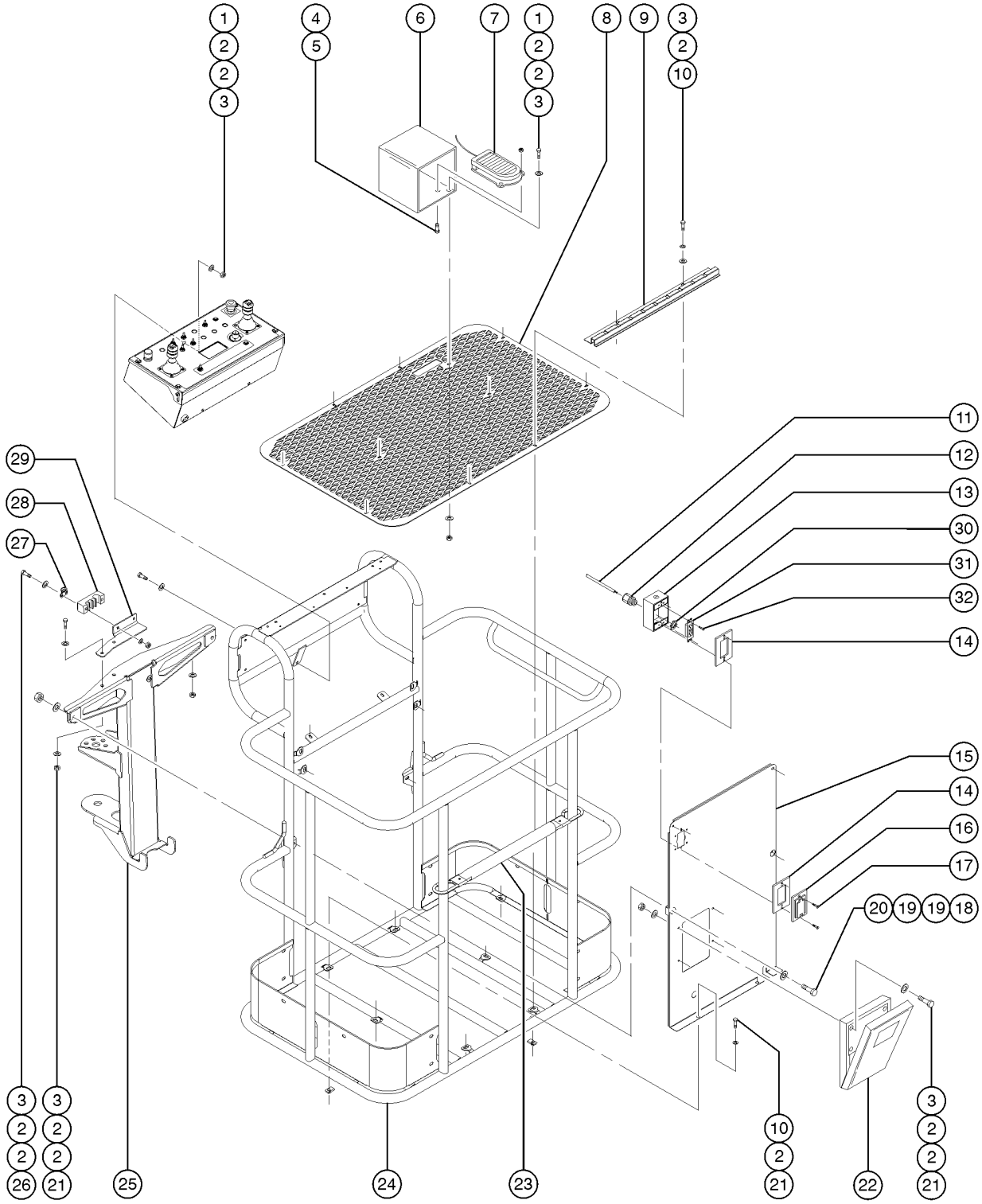
504.2 Jib Manifold (from SN 678)



504.2 Jib Manifold (from SN 678)

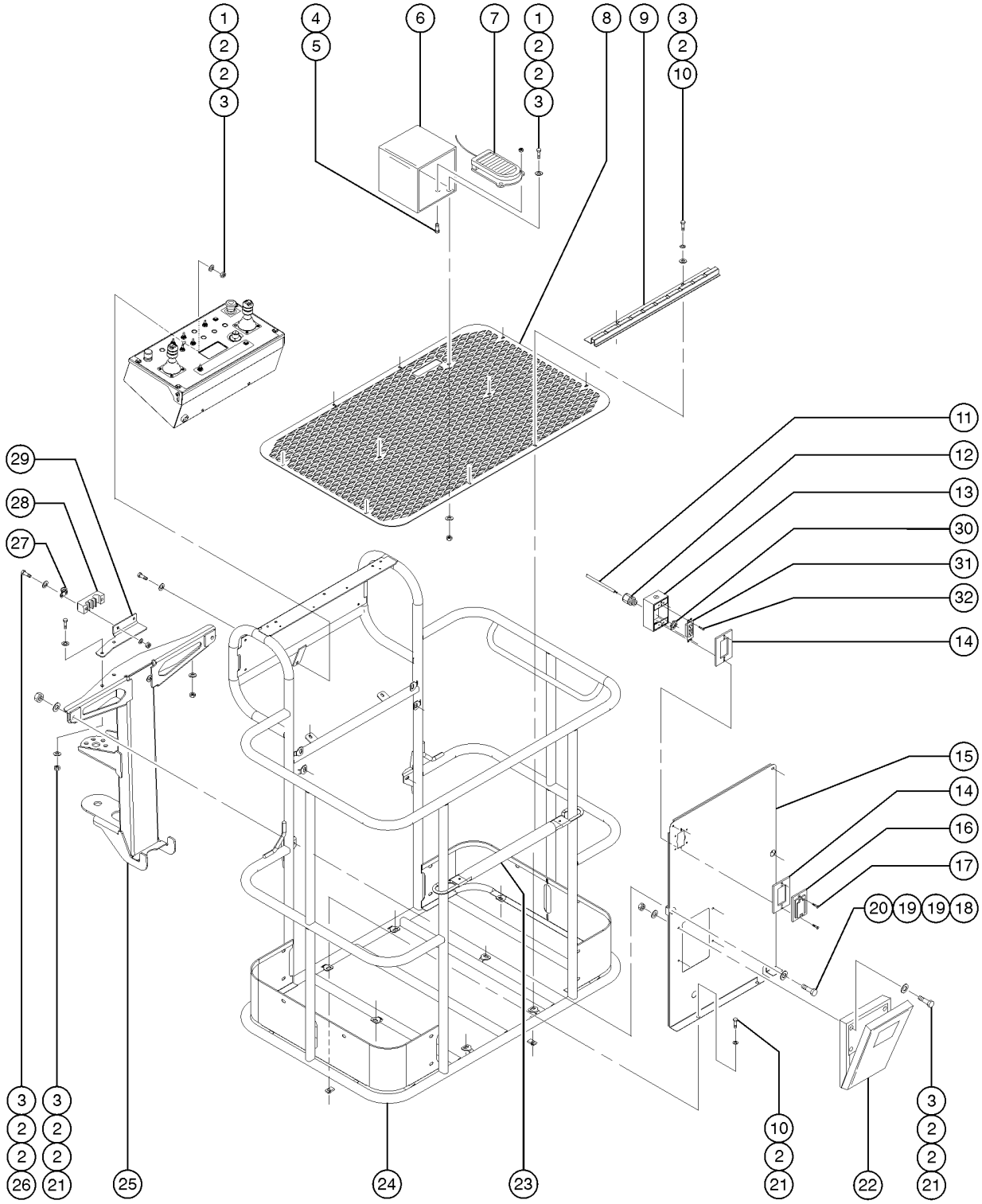
Item	Part No.	Description	Qty.
	128569GT	MANIFOLD,JIB,Z40***	
1	94614GT	VALVE,PROP,3 POS,4-WAY***	1
		AC, Platform rotate	
1-	119836GT	COIL, 20V, DEUTSCH NO DIODE	
1-	44229GT	SEAL KIT, VALVE	
1-	44174GT	NUT-COIL SHORT	
1-	97372GT	SPACER, COIL	
2	107816GT	VALVE,PROPORTIONAL 3 POS 4 WY*	1
		AA, Jib boom up / down	
2-	119836GT	COIL, 20V, DEUTSCH NO DIODE	
2-	44229GT	SEAL KIT, VALVE	
2-	44174GT	NUT-COIL SHORT	
2-	97372GT	SPACER, COIL	

601.1 Platform Components



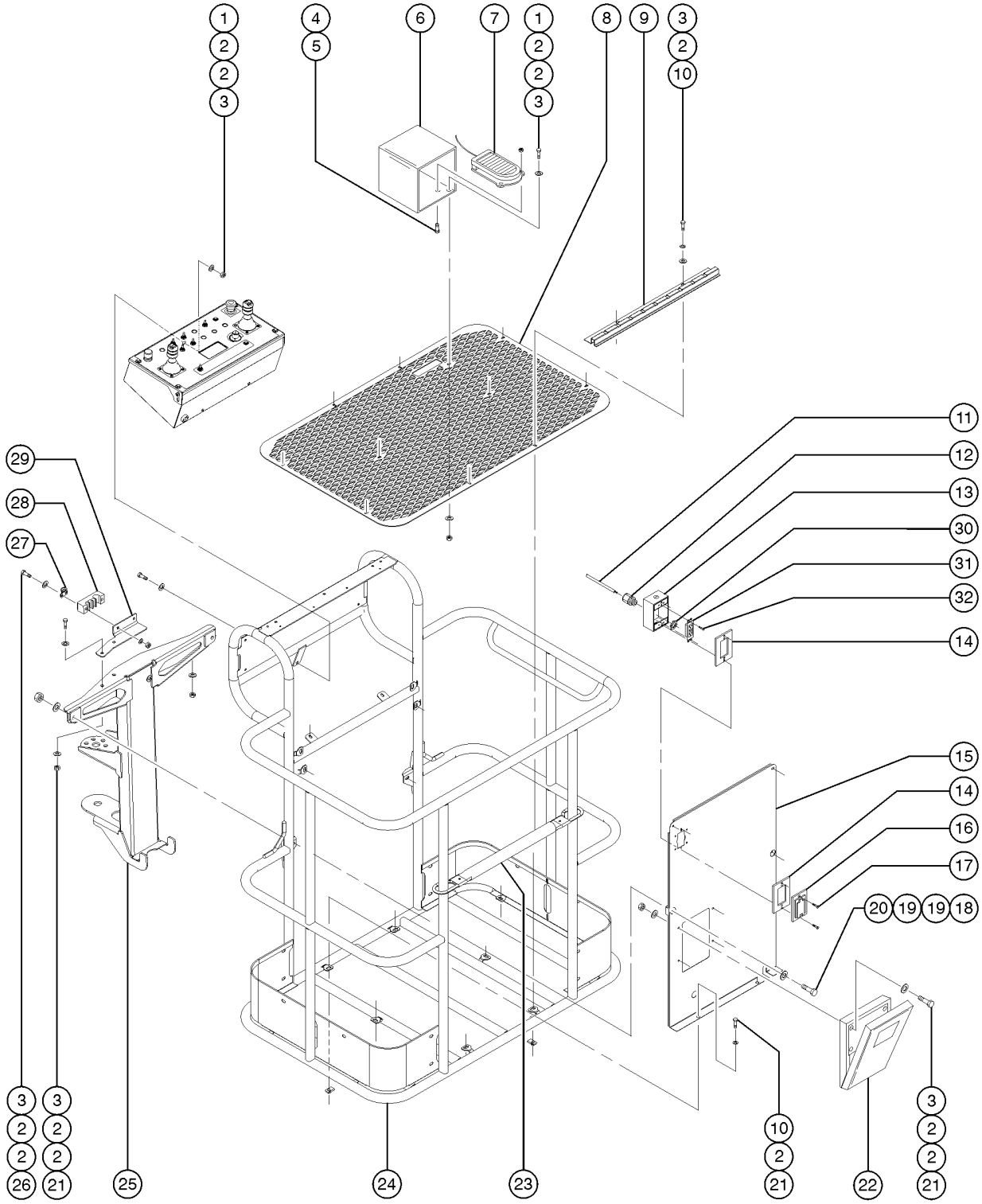
Item	Part No.	Description	Qty.
	119895GT	PLAT.ASSY.W/DECAL 4'Z40 ANSI USA and Canadian models	
	119897GT	PLAT.ASSY.W/DECAL 5'Z40 ANSI USA and Canadian models	
	119896GT	PLAT.ASSY.W/DECAL 4' Z40 CE European models	
	119898GT	PLAT.ASSY.W/DECAL 5'Z40 CE European models	
	106633GT	WELDMENT,PLATFORM 46X30 does not include decals, refer to section 1, Australia, from SN Z40N11-991	
	106634GT	WELDMENT,PLATFORM 56X30 does not include decals, refer to section 1, Australia, from SN Z40N11-991	
	128010GT	PLAT.ASSY.W/DECAL 4' Z40 ASIA Asia and South American models	
	128011GT	PLAT.ASSY.W/DECAL 5'Z40 ASIA Asia and South American models	
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6091GT	NUT,NYLOCK,1/4-20	
4	17626GT	SCREW,FHM,10-32 X .75	
5	6178GT	NUT, NYLOCK, 10-32	
6	32710GT	GUARD,FOOTSWITCH,W/DECAL STEEL USA/Canada/Australia models	1
6-	30807P-SGT	FOOTSWITCH HOUSING,PAINTED CE/Asia/South America models	
7A	128042GT	ASSEMBLY, FOOT SWITCH to SN 1503	1
7A-	128043GT	FOOT SWITCH for PN 128042	
7A-	43960GT	WIRE CABLE,16/4 CON.TPE JKT for PN 128042	60 inches
7B	228471GT	KIT, FOOTSWITCH, Z40 WORD upgrade kit for USA/Canada/Australia models to SN 1503	1
7B-	228308GT	ASSY,FOOT SWITCH,GOLD CONTACT for kits 228471 & 228472	
7C	228472GT	KIT, FOOTSWITCH, Z40 SYM CE/Asia/South America models to SN 1503	1
7C-	228308GT	ASSY,FOOT SWITCH,GOLD CONTACT for kits 228471 & 228472	
7D	228308GT	ASSY,FOOT SWITCH,GOLD CONTACT after SN 1504	
8	56465PGT	FLOORING,PLATFORM 46X30,PAINT	1
8-	56576PGT	FLOORING,PLATFORM,56X30,PNTD	1
9	56656PGT	PLATFORM STEP * PAINTED	1
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	

601.1 Platform Components



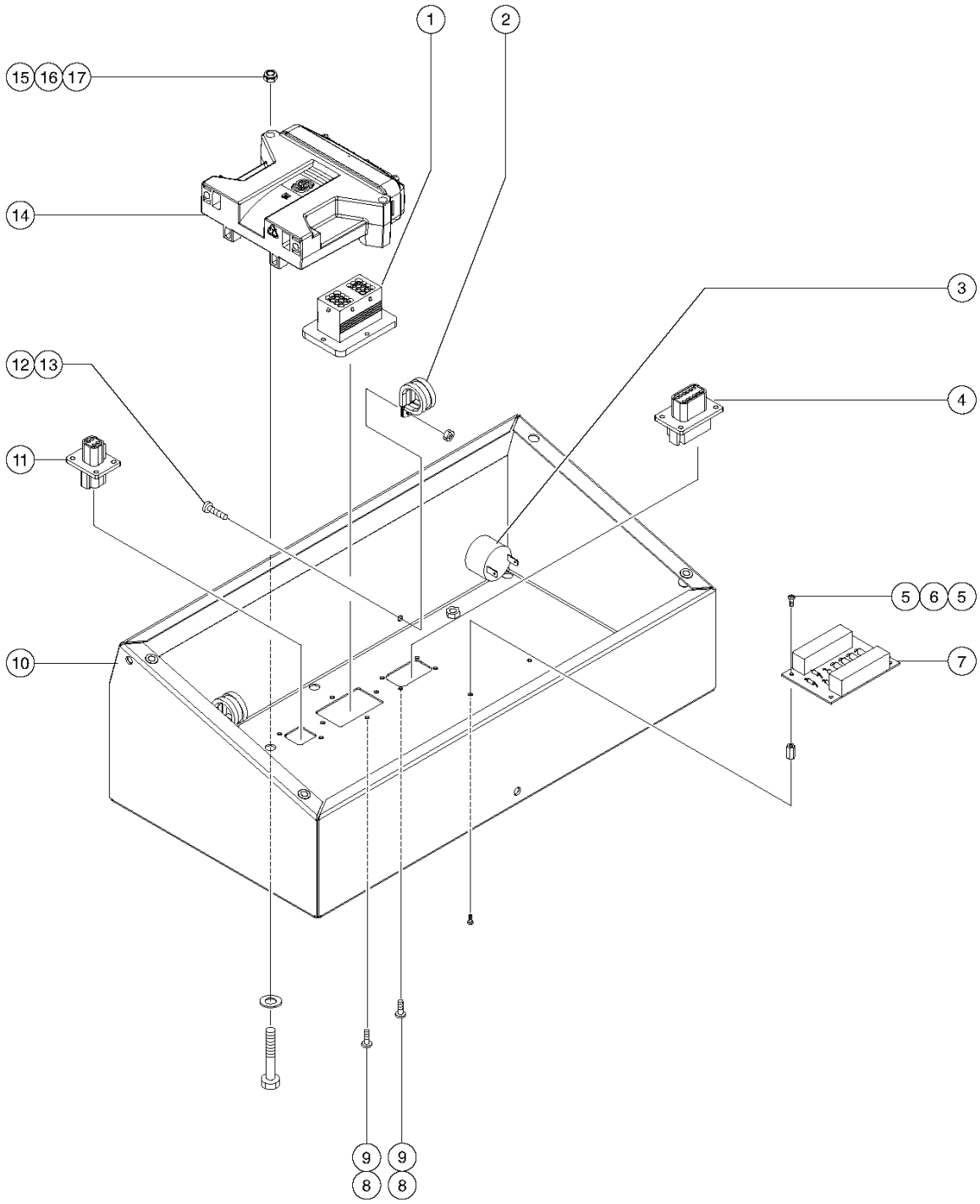
Item	Part No.	Description	Qty.
11	43955GT	WIRE CABLE,12/3 CON.TPE JKT	720 inches
12	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.	1
13	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
14	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	2
15A	119911GT	DECAL PLATE W/DECALS,ANSI, Z40 USA/Canada and Australia	1
15B	228782GT	ASSY, DECAL PLATE, Z40 Australia	
15C	119912GT	DECAL PLATE W/DECALS, CE ,Z40 CE/Asia/South American	
16	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners; USA/Canada	1
17	33759GT	SCREW,PHILLIPS,PHM,8-32X.375	
18	13000GT	SCREW,HHC,5/16-18 X 1.25	
19	57201GT	WASHER,FLAT,313, HARDENED	
20	6782GT	NUT, NYLOCK, 5/16-18	
21	6090GT	SCREW, HHC, 1/4-20 X .75	
22A	44743GT	MANUAL BOX W/DECALS*** USA/Canada/Australia	1
22B	24514GT	BOX, INSTRUCTION STORAGE** Europe/Asia/South America (decal required; refer to Section100)	
23	102992GT	SLIDING MIDRAIL KIT,PTD	1
23-	12443GT	MIDRAIL GUIDE (HOOK)	
23-	20973GT	WIRE LOOM,3/8 POLY SLIT	
23-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	
24	1299159GT	ASSY,4 FT SMALL PLATFORM,NO DECALS USA/Canada/Australia	1
24-	1299160GT	WELDMENT,4 FT SMALL PLATFORM USA/Canada/Australia	
24B	101982GT	PLAT RAIL ASSY, 4' CE CE/Asia/South America (railing only; refer to the top of the parts list for complete platform)	
24C	119913GT	PLAT RAILING ASSY,5'ANSI USA/Canada/Australia (railing only; refer to the top of the parts list for complete platform)	
24D	1299378GT	PLAT ASSY,5' Z34IC/DC/BE CE CE/Asia/South America (railing only; refer to the top of the parts list for complete platform)	
25	56500-SGT	WELDMENT,PLATFORM SUPPORT***	1
26	6637GT	SCREW,HHC,1/4-20 X 1.75	
27	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1

601.1 Platform Components



Item	*Part No.*	*Description*	*Qty.*
28	119518GT	CLAMP,CABLE STRAIN RELIEF	1
29	119221PGT	FORMING,CLAMP MOUNT PAINTED	1
30	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
31A	13585GT	OUTLET, 110V North America	1
31B	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT UK	1
31B	T112560GT	RECEPTACLE,UK,110V UK (for use after T112563 is installed)	
31B	T112561GT	PLATE,UK,POWER TO PLAT UK	1
32	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	6

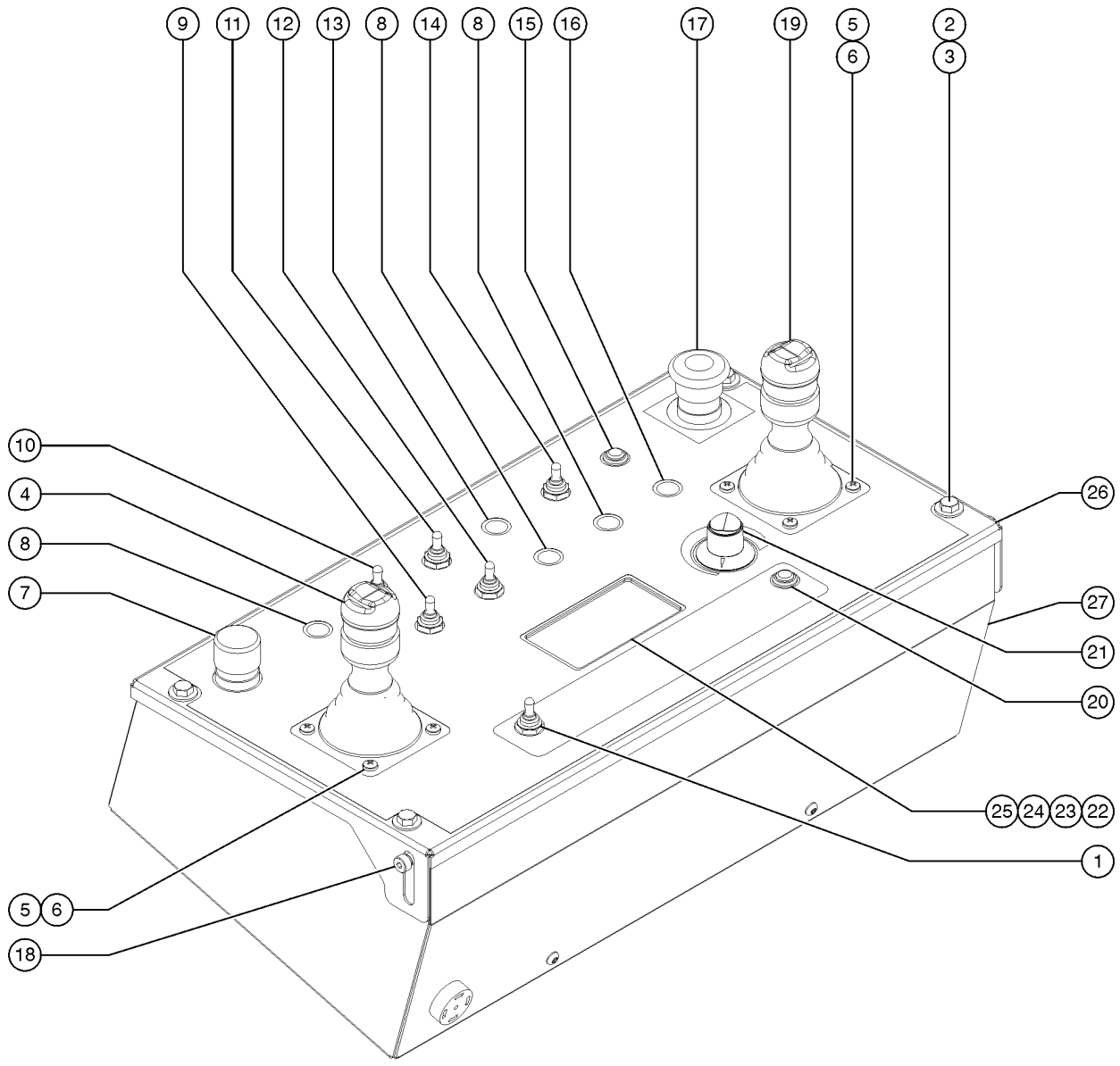
602.1 Platform Control Box - View 1



602.1 Platform Control Box - View 1

Item	Part No.	Description	Qty.
	110848GT	PLATFORM CONTROL BOX BASE ASSY	
1	73753GT	CONN,RECEP 24 WAY,W/FLANGE	1
2	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	
3	39540GT	ALARM, STEADY TONE*** order 72326 mounting ring separately	1
3-	72326GT	NUT - PLASTIC, RING FOR ALARMS for 39540	
4	73730GT	CONN, RECEP, 12 WAY, DEUTSCH, DT, GRAY/FLANGE	1
5	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
6	88287GT	STANDOFF,6-32 X 1/2L X 1/4 HEX	
7	119584GT	ASSY VOLTAGE DIV AND DIODE	1
7-	119583GT	PCB VOLTAGE DIV(BLANK) Z40	
8	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
9	12344GT	NUT,NYLOCK,6-32	
10	128014GT	PLAT. CONTROL BOX W/DECAL Z40	1
10-	110851GT	GASKET,PLATFORM CONTROL BOX	
11	73723GT	CONN RECEPT,FLANGED	1
12	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
13	6178GT	NUT, NYLOCK, 10-32	
14A		CONTROLLER ASSY PCON Z40 (110990) Original 110990 PCON Controller (to SN 2761) is no longer available. For first-time replacement, order both PCON (1256897) and TCON (1256894). New software required; contact Genie Service. After installation of both controllers, replace individually.	1
14B	1256897GT	CONTROLLER ASSY PCON Z40 (from SN Z4015N-2762)	
15	6889GT	NUT,LP NYLOCK,1/4-20	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	8179GT	SCREW,HHC,1/4-20 X 2.25	

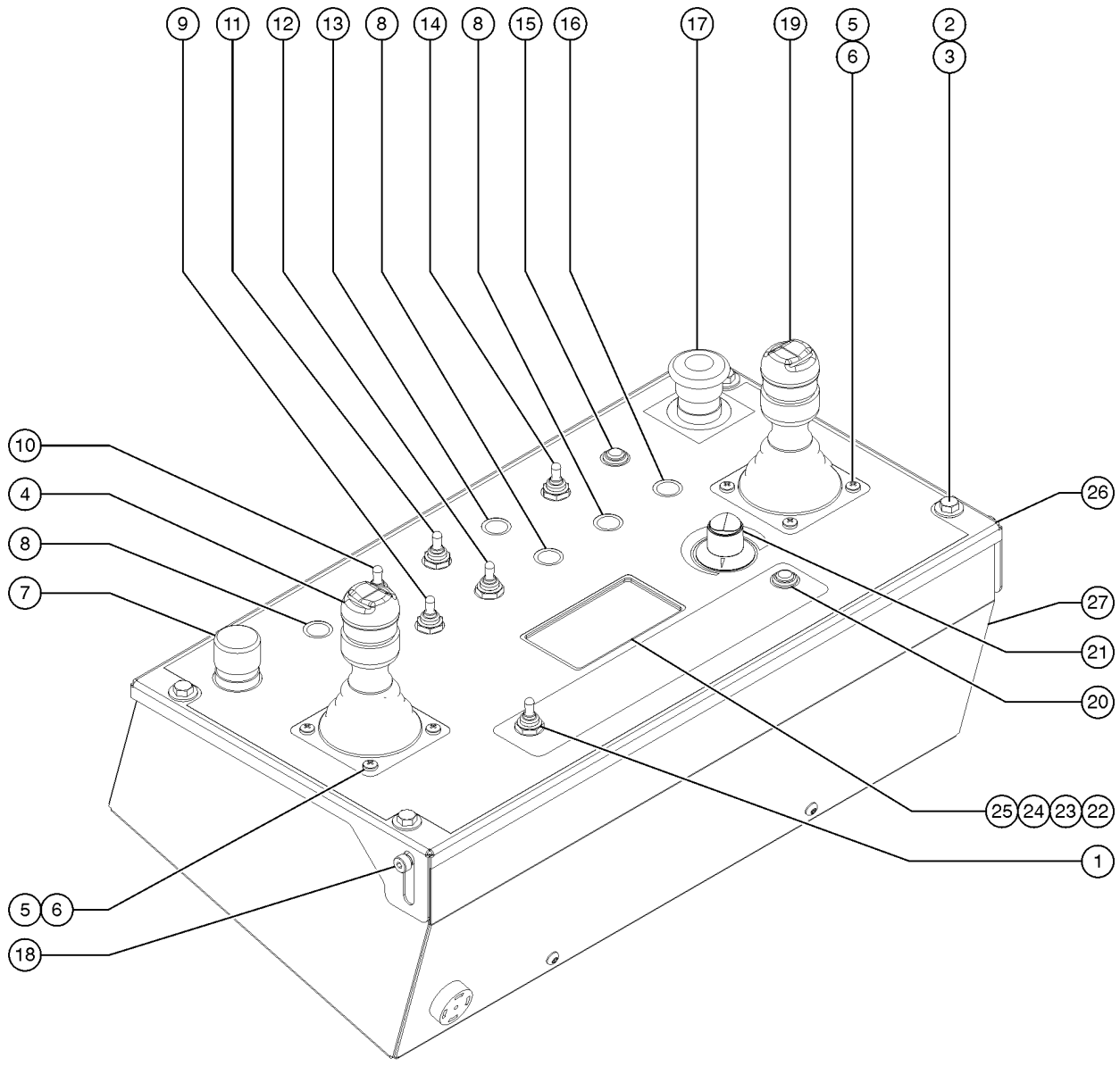
603.1 Platform Control Box - View 2



603.1 Platform Control Box - View 2

Item	Part No.	Description	Qty.
1A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR drive enable (to SN 1695)	1
1A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
1B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR drive enable (fromSN 1696)	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4A	101173GT	JOYSTICK,2 AXIS,ROCKER,DEUTSCH (OEM joystick) boom up/down, extend/retract and turntable rotate	1
4B	101173HGT	JOYSTICK, DUAL AXIS W/STEER (aftermarket joystick) boom up/down, extend/retract and turntable rotate	
5	139338GT	SCREW PH M5-0.8X20 DIN 7500CE	
6	104030GT	NUT HEX M5-0.8 CLASS 8 ZINC	
7	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
7-	66815GT	BASE, W/1 N.O. CONTACTS*** includes 1 N.O. contact	
7-	66816GT	CONTACT,N.O.***	
8	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	6
9A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR secondary boom up/down (to SN 1695)	1
9A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
9B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR secondary boom up/down (from SN 1696)	
10A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR platform level (to SN 1695)	1
10A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR platform level (from SN 1696)	
11A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR platform rotate (to SN 1695)	1
11A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
11B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR platform rotate (from SN 1696)	
12A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR jib boom up/down (to SN 1695)	1
12A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR jib boom up/down (from SN 1696)	
13A	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
13B	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR jib rotate if equipped (to SN 1695)	

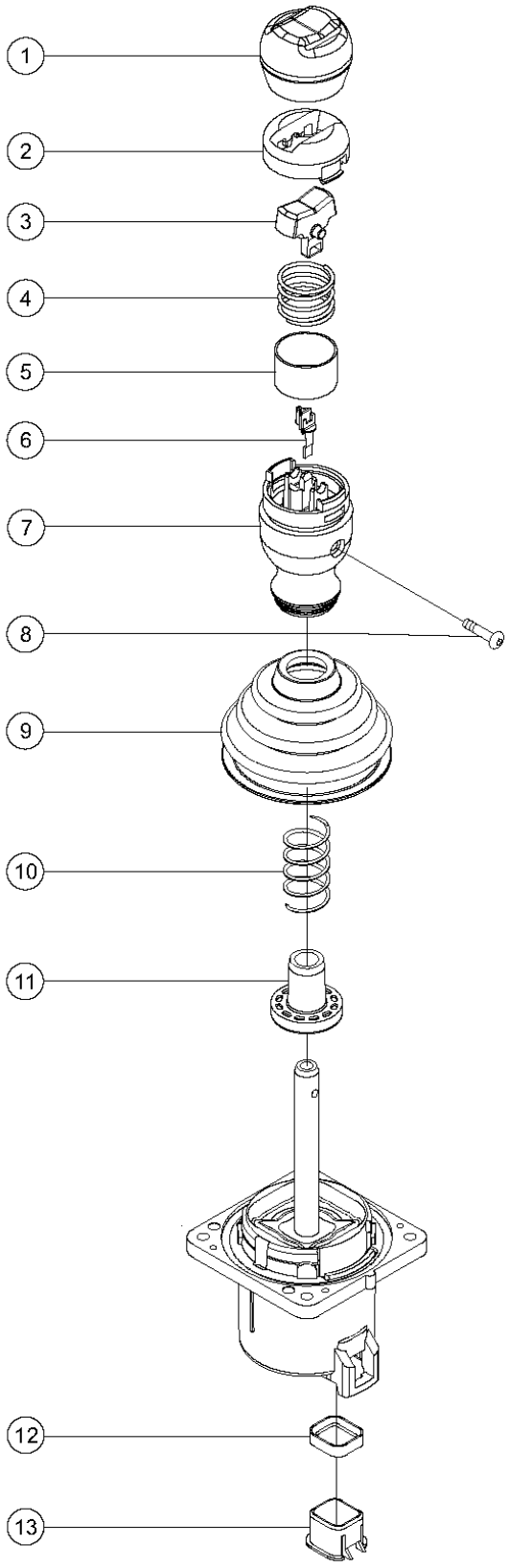
603.1 Platform Control Box - View 2



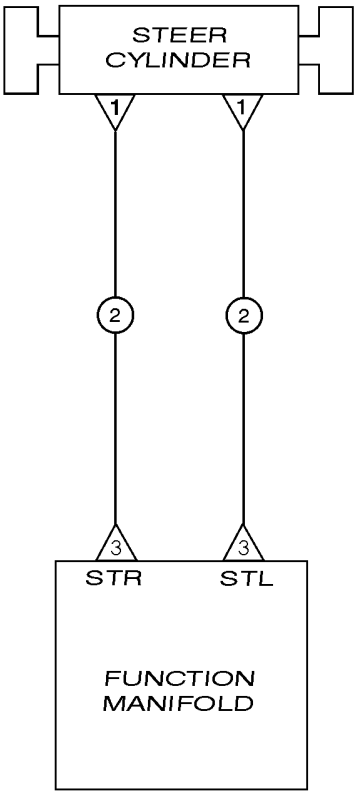
603.1 Platform Control Box - View 2

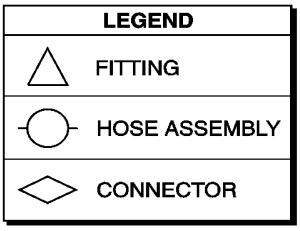
Item	Part No.	Description	Qty.
13B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
13C	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR jib rotate if equipped (from SN 1696)	
14A	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR auxiliary power (to SN 1695)	1
14A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
14B	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR auxiliary power (from SN 1696)	
15A	824878GT	LIGHT,LED IND. RED 24V NH auxiliary power (from SN 1696), original component no longer available	1
15B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
16	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
16-	824878GT	LIGHT,LED IND. RED 24V NH platform overload if equipped, original component no longer available	
17	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
17-	66817GT	E-STOP W/ NC CONTACT includes 1 N.C. contacts	
17-	146478GT	BOOT(BELLOWS),E-STOP,BLACK (from SN Z4010-936)	
18	88315GT	SCREW,SHS,1/4-20 X .25 ZINC SUPERSEDE; USE UNTIL EXHAUSTED	
18A	1263233GT	BOLT,SHS,5/16X.25X1/4-20,8,ZAG REPLACES 88315	
19	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH (OEM joystick) drive/steer	1
19	101005HGT	JOYSTICK, SINGLE AXIS W/STEER (aftermarket joystick) drive/steer	
20	824878GT	LIGHT,LED IND. RED 24V NH original component no longer available	1
21	110797GT	HARNESS,SPEED DIAL*** controller assy with wire harness; does not include 101648 knob, order separately (includes 119958)	1
21	101648GT	KNOB,BLACK PLASTIC,.25 SHAFT	1
22	1263694GT	DISPLAY,PLATFORM,ENGAGE4,GEN2	1
23	110853GT	GUARD,DISPLAY,POLYCARB	1
24	110854GT	GASKET,DISPLAY GUARD	1
25	110852PGT	BRACKET,DISPLAY RETAINER	1
26	1296652GT	LID,PLATFORM CONTROL BOX,PAINTED (from SN Z4010-857)	
26B	139795GT	KIT, Z40 PBOX LID REPLACEMENT (to SN Z4010-856)	
27	110848GT	PLATFORM CONTROL BOX BASE ASSY (includes nutserts)	

604.1 Joystick Controller

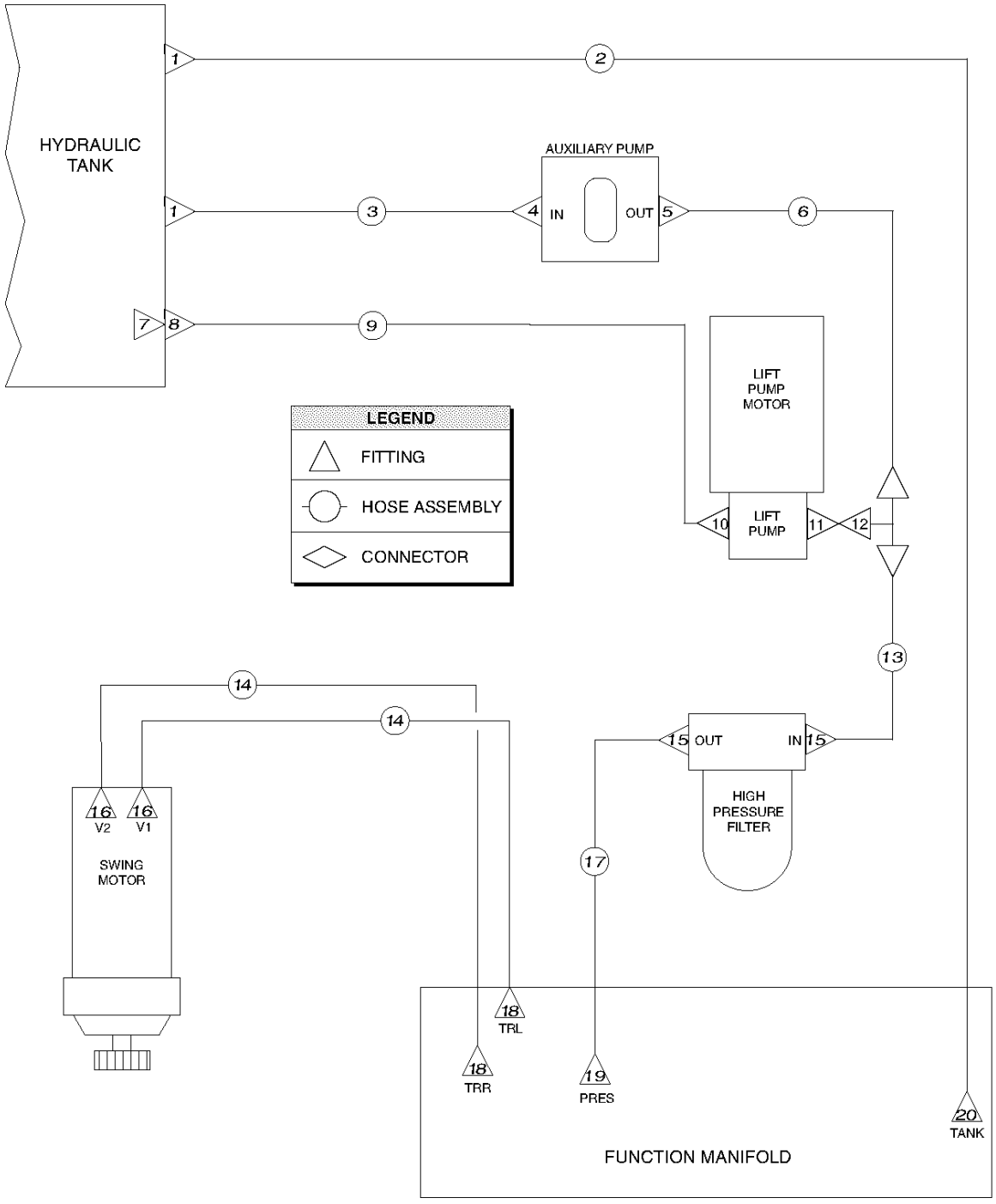


Item	Part No.	Description	Qty.
A-	101173GT	JOYSTICK,2 AXIS,ROCKER,DEUTSCH (calibration required after replacement), OEM joystick	
B-	101173HGT	JOYSTICK, DUAL AXIS W/STEER (calibration required after replacement), aftermarket joystick	
C-	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH (calibration required after replacement), OEM joystick	
D-	101005HGT	JOYSTICK, SINGLE AXIS W/STEER (calibration required after replacement), aftermarket joystick	
1	75443GT	BOOT, ROCKER JOYSTICK 75565	1
2	75444GT	ROCKER,RETAINER, 75565	1
3	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
4	75446GT	SPRING,SWITCH CENTERING,75565	1
5	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
6	75448GT	SUPPORT,SENSOR,JOYSTICK	1
7	75449GT	KNOB,ROCKER JOYSTICK 75565	1
8	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	1
9	139598GT	BOOT,JOYSTICK	1
10		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	1
11	119915GT	COLLAR,JOYSTICK,CENTER	1
12	128000GT	SEAL, CONNECTOR (DT JOYSTICKS)	1
13	128001GT	SLEEVE,CONNECTOR,DT JOYSTICKS	1

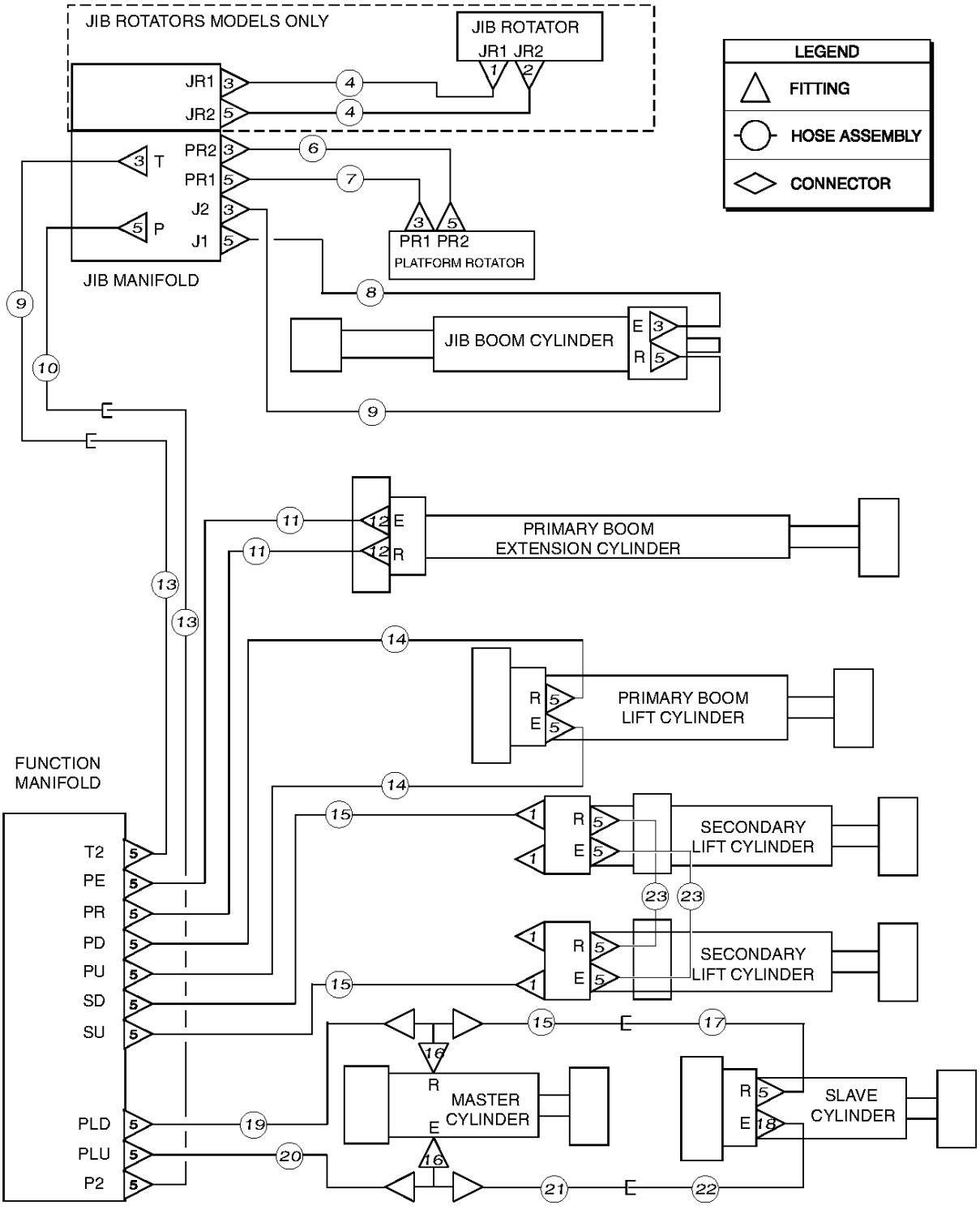

STEER CYLINDER
1
1
2
2
3
3
STR
STL
FUNCTION MANIFOLD


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR

Item	*Part No.*	*Description*	*Qty.*
1	48907GT	ELBOW,45D,520320-4	2
2	49119-9878GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
3	48905GT	CONNECTOR, 520120-4	2

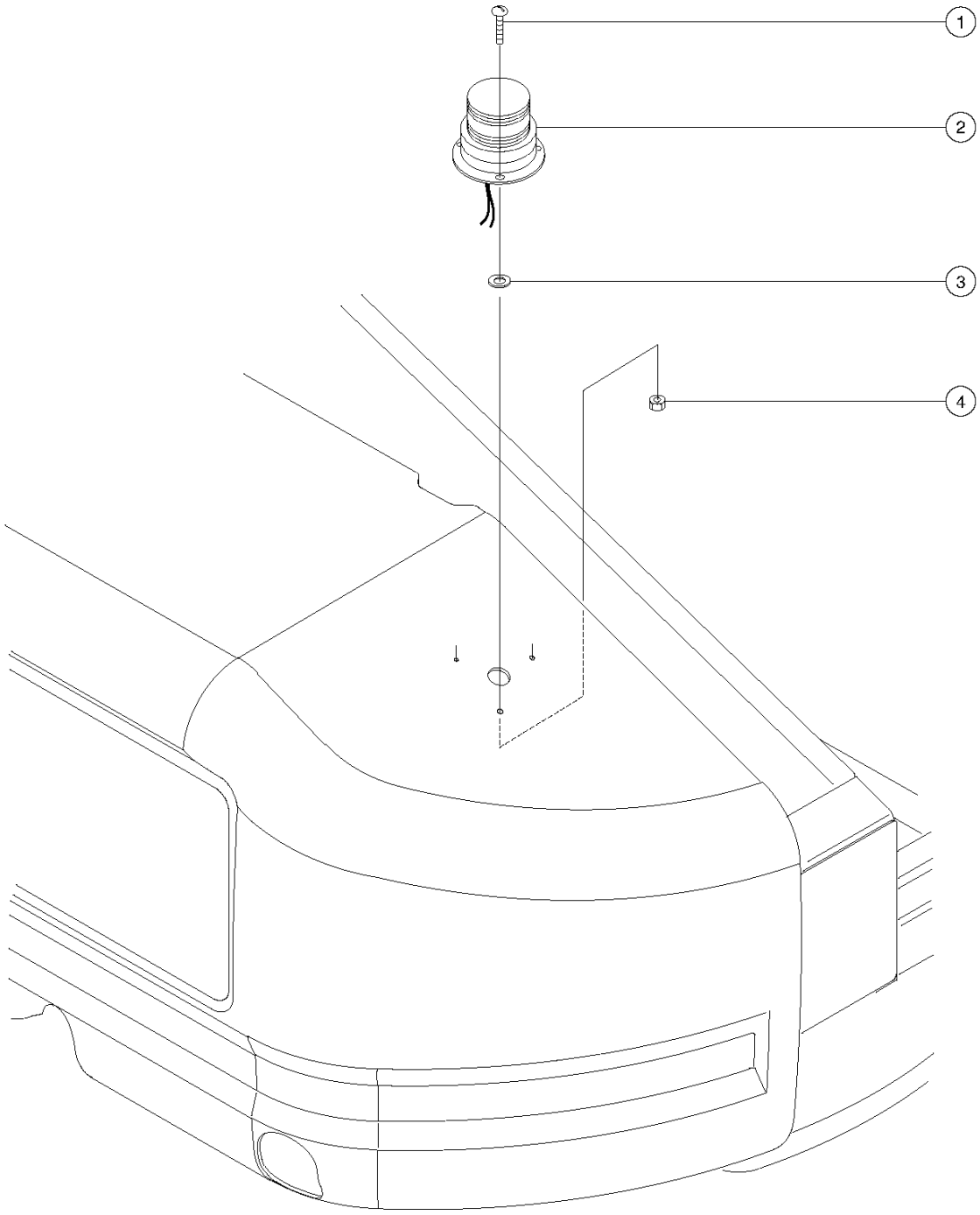

HYDRAULIC TANK
AUXILIARY PUMP
IN
OUT
LIFT PUMP MOTOR
LIFT PUMP
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
HIGH PRESSURE FILTER
SWING MOTOR
V2
V1
TRL
TRR
PRES
TANK
FUNCTION MANIFOLD

Item	Part No.	Description	Qty.
1	48944GT	CONN,520102-8-8	2
2	49143-2429GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
3	119812-2021GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
4	48916GT	CONN, 520120-6	1
5	48911GT	ELBOW,90D,520220-4-6***	1
6	49164-2143GT	HOSE ASSY,1/4,90 DEG FEM,STR F	1
7	45162GT	STRAINER ASSEMBLY,1.25" NPT***	1
8	48966GT	CONN,520102-12	1
9	49150-2430GT	HOSE ASSY 3/4" 90 DEG STR FEM	1
10	48975GT	CONN,520120-12-10	1
11	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	1
12	48939GT	TEE,BRANCH,520433-8	1
13	75278-1829GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
14	49119-2578GT	HOSE ASSY,1/4,STR FEM.STR FEM*	2
15	48947GT	ELBOW,90D,520220-8-12	2
16	48904GT	ELBOW, 90D, 520220-4	2
17	81812-4792GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
18	48905GT	CONNECTOR, 520120-4	2
19	48930GT	CONN,520120-6-8	1
20	48933GT	CONN,520120-8***	1


JIB ROTATORS MODELS ONLY
JIB ROTATOR
JR1 JR2
JR1
JR2
PR2
PR1
J2
J1
T
P
JIB MANIFOLD
PR1 PR2
PLATFORM ROTATOR
JIB BOOM CYLINDER
PRIMARY BOOM
EXTENSION CYLINDER
PRIMARY BOOM
LIFT CYLINDER
SECONDARY
LIFT CYLINDER
SECONDARY
LIFT CYLINDER
MASTER
CYLINDER
SLAVE
CYLINDER
FUNCTION
MANIFOLD
T2
PE
PR
PD
PU
SD
SU
PLD
PLU
P2
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR

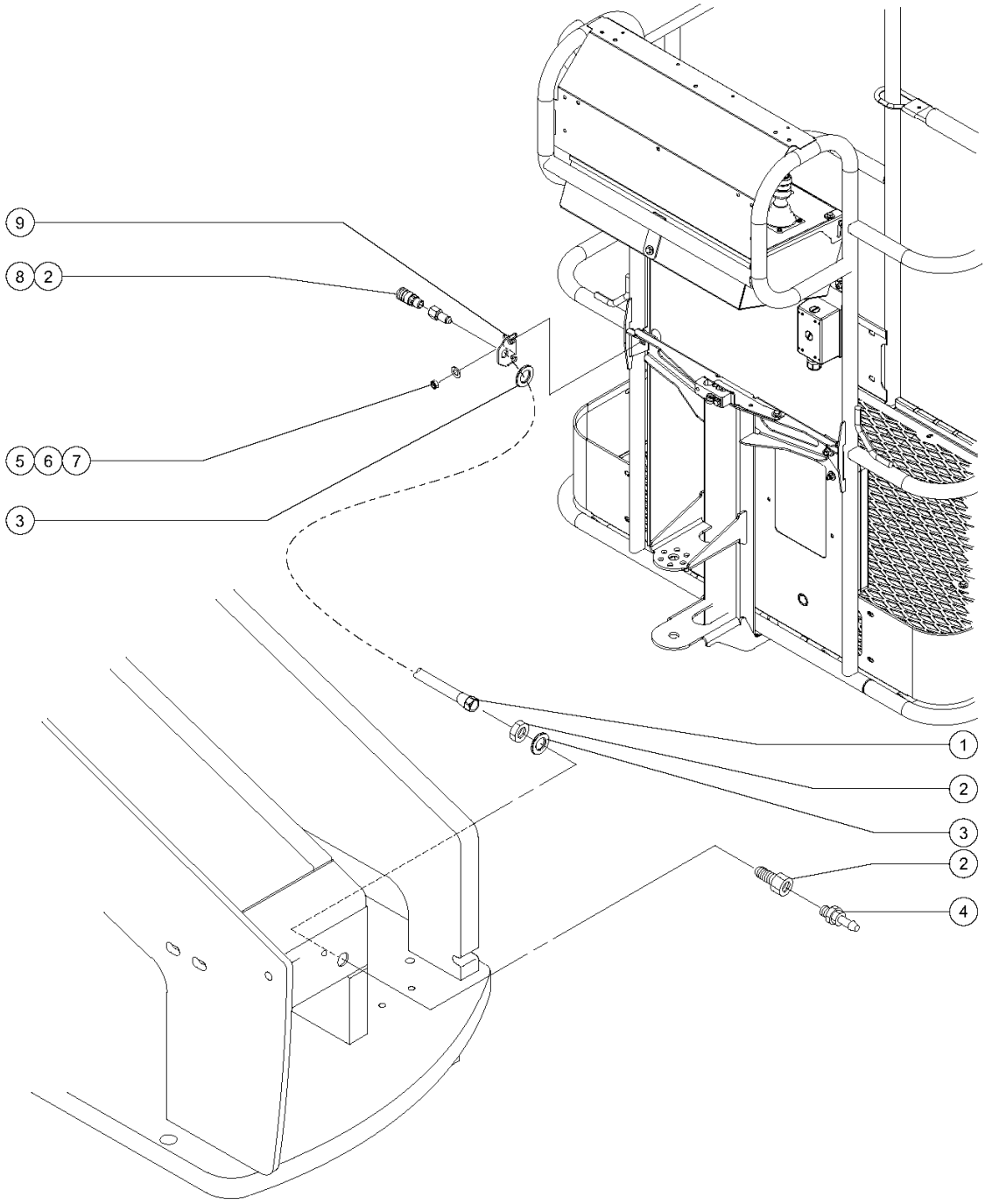
Item	Part No.	Description	Qty.
1	48904GT	ELBOW, 90D, 520220-4	3
2	48926GT	FITTING,ELBOW,90D,520220-6-4	1
3	48927GT	CONN,520120-6-4	6
4	49120-2481GT	HOSE ASSY,1/4"STR FEM,STR FEM	2
5	48905GT	CONNECTOR, 520120-4	14
6	49114-4911GT	HOSE ASSY,1/4"90 FEM,STR FEM	1
7	49117-4891GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
8	49120-1881GT	HOSE ASSY,1/4"STR FEM,STR FEM	2
9	119813-24791GT	HOSE ASSY,1/4,STR FEM,STR MALE	1
10	49121-24788GT	HOSE ASSY,1/4,STR FEM,STR MALE	1
11	49120-31981GT	HOSE ASSY,1/4"STR FEM,STR FEM	2
12	48917GT	CONN,LONG,520122-6	2
13	49119-33278GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
14	49119-34978GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
15	49119-19978GT	HOSE ASSY,1/4,STR FEM,STR FEM	3
16	48890GT	FITTING,TEE,BRANCH,520429-4***	2
17	49121-3088GT	HOSE ASSY,1/4,STR FEM,STR MALE	1
18	48916GT	CONN, 520120-6	1
19	49119-33678GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
20	49119-34078GT	HOSE ASSY,1/4.STR FEM,STR FEM*	1
21	49121-19488GT	HOSE ASSY 1/4.STR FEM,STR MALE	1
22	49120-3081GT	HOSE ASSY,1/4"STR FEM,STR FEM	1
23	49119-3378GT	HOSE ASSY,1/4,STR FEM,STR FEM	2

801.1 Flashing Beacon



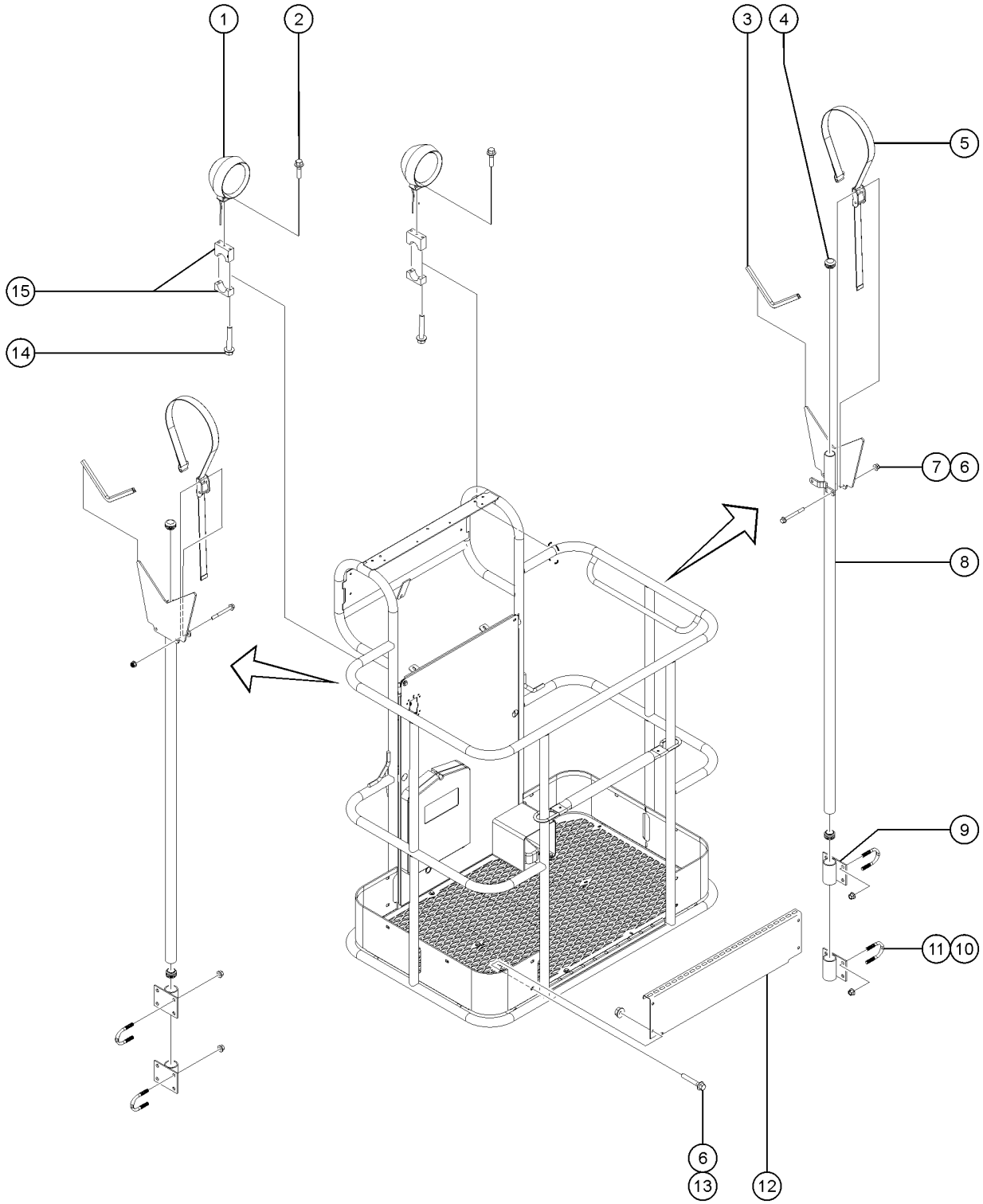
Item	*Part No.*	*Description*	*Qty.*
1	49821GT	SCREW,PHILLIPS,PHM,8-32 X 1.25	
2	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** (replaced 20189)	1
2-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
2-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
2-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
3	35461GT	WASHER,FLAT,MS,#8,Y	
4	18605GT	NUT,NYLOCK,8-32	

802.1 Air Line to Platform



Item	Part No.	Description	Qty.
	110515GT	OPT,AIRLINE TO PLAT,Z40	
1	70644-66292GT	HOSE ASSY,3/8 STR FEM STR FEM	1
2	49212GT	FEMALE BULKHEAD CONNECTOR-8	2
3	33278GT	WASHER, FLAT, .75 HARDENED	
4	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	1
5	4828GT	NUT, NYLOCK, 3/8-16	
6	6097GT	WASHER, FLAT, USS, 3/8", Y	
7	8516GT	SCREW, HCC, 3/8-16 X 1.50	
8	49215GT	MPT,CPLR,1/4"SER,3/8"X18	1
9	119249PGT	BRACKET,AIR LINE TO PLAT PAINT	1

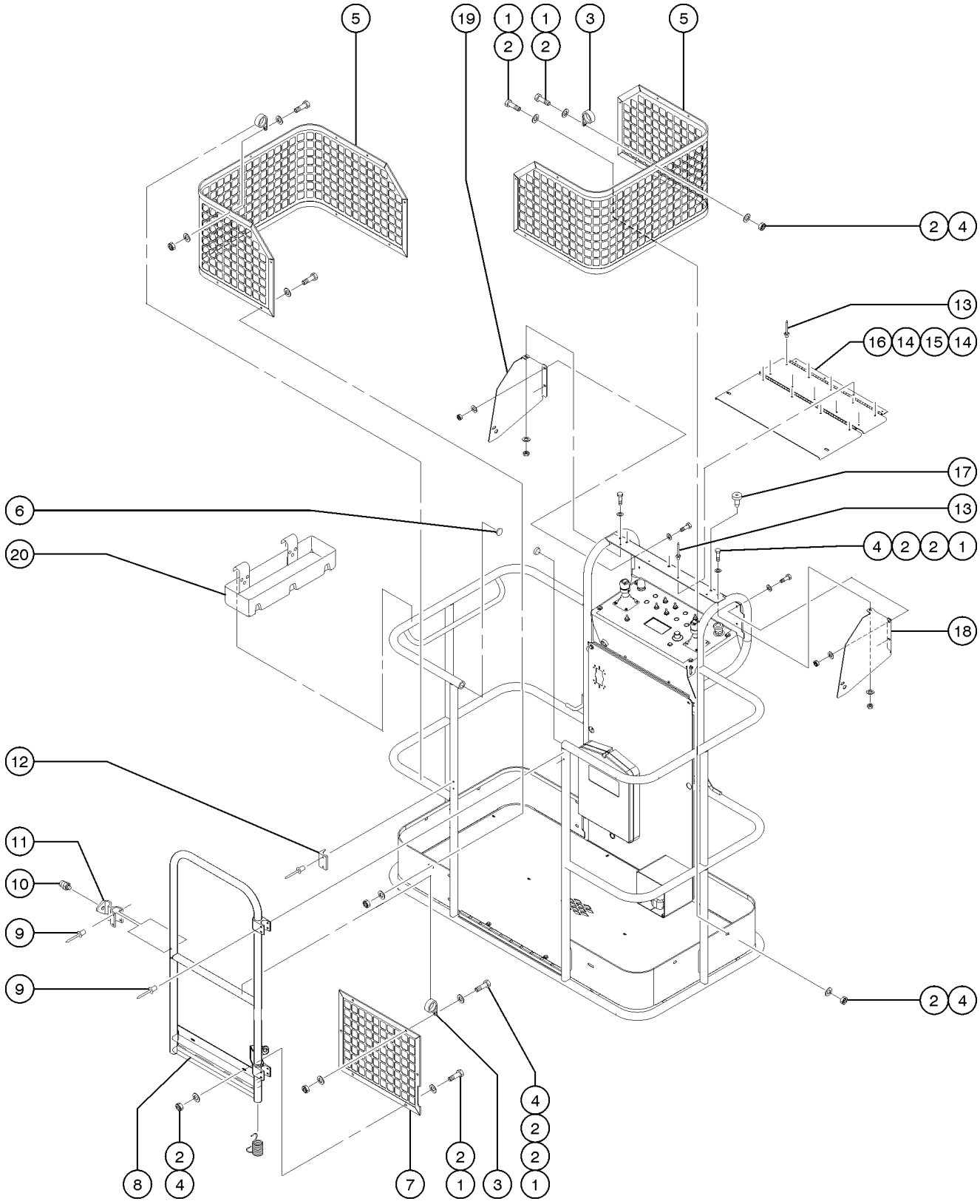
803.1 Platform Accessories - View 1



803.1 Platform Accessories - 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	110514GT	WORKLIGHT OPTION 48V	
C	60922GT	OPTION,EURO TOEBOARD	
1	107858GT	WORKLIGHT,48 VOLT	2
2	824085GT	SCREW, HHF, 5/16-18 X .75, 8, ZAG	
3	19018-1100GT	TRIMLOCK,BLACK,5/32"	2
4	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
5	56570GT	STRAP, CONDUIT HOLDER 60"***	2
6	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	8
7	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
8	56525GT	WELDMENT, PIPE CRADLE	2
9	81368GT	WELDMENT,PIPE CRADLE MOUNT	4
10	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	8
11	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	16
12	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
13	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	4
14	824081GT	SCREW, HHF, 1/4-20 X 1.5, 8, ZAG	4
15	35956GT	WORK LIGHT MOUNTING BRACKET	2

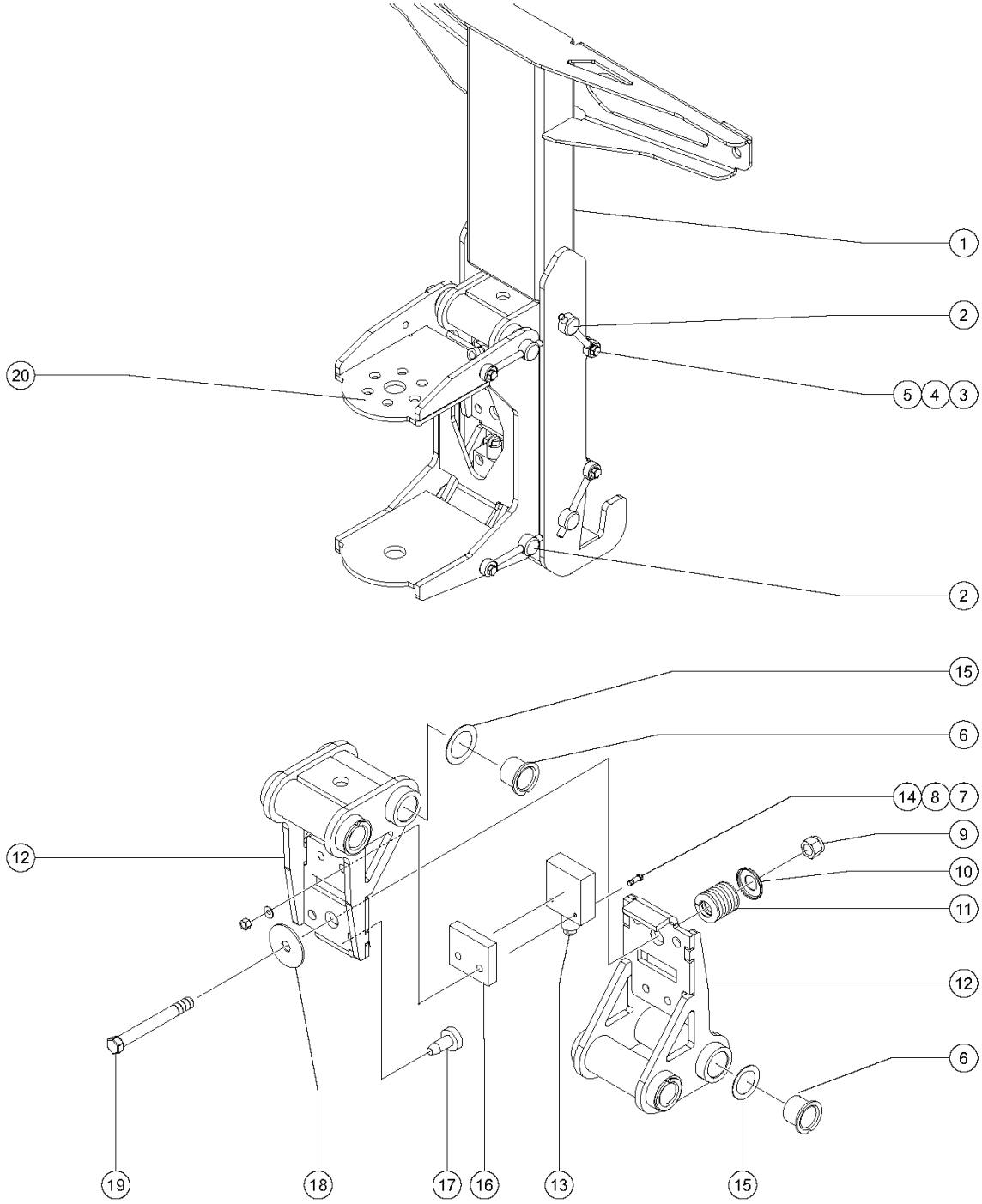
804.1 Platform Accessories - View 2



804.1 Platform Accessories - View 2

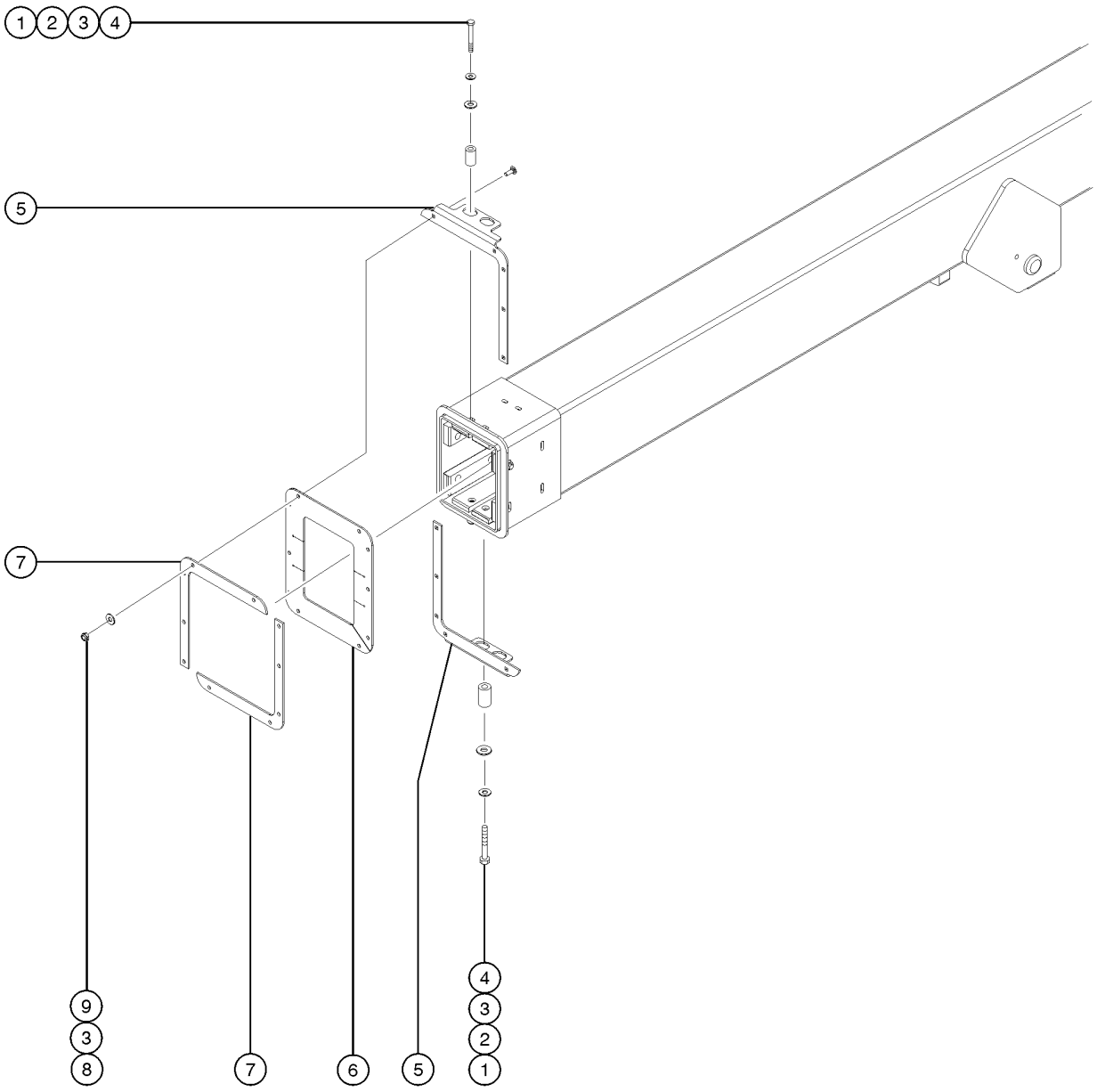
Item	Part No.	Description	Qty.
1	8914GT	SCREW, HHC, 1/4-20 X .625	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
4	6091GT	NUT,NYLOCK,1/4-20	
5	74009GT	MESH,HALF HEIGHT RH,4'***	2
5	74007GT	MESH,HALF HEIGHT,5'***	
6	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
7	54457GT	MESH,HALF,SWING GATE***	1
8	128368GT	KIT,SWING GATE W/SPRING	1
8	1290135GT	KIT,HALF FRONT,SWING GATE	
8-	128374GT	WELDMENT,SWING GATE,ALUMINUM	
8-	42104GT	SPRING,SHORT PLATFORM GATE	
8-	9596GT	HINGE CASTING Special welding requirements for installation of this component. Strongly suggest ordering 128368 OR contact Genie Service for welding requirements.	
9	43392GT	BUMPER,BATTERY BOX & RAILS	
9-	7265GT	RIVET,STEEL,P, .25 X .375	
10	33674GT	PIN,LOCK,SHORT***	1
11	1487GT	GATE LATCH CASTING--DRILLED	1
12	1488GT	RAILING CATCH CASTING--DRILLED	1
13	87085GT	RIVET,ALUM,P,.188 X .25	
14	77860GT	HINGE,CONTROL BOX	2
15	101678GT	LID,CONTROL BOX COVER	1
16	101679GT	LID,CONTROL BOX COVER	1
17	34619GT	BUMPER,RUBBER***	6
18	101676GT	CONTROL BOX COVER, RH	1
19	101677GT	CONTROL BOX COVER, LH	1
20	9599-SGT	TOOL TRAY ACCESSORY***	1

805.1 Platform Overload



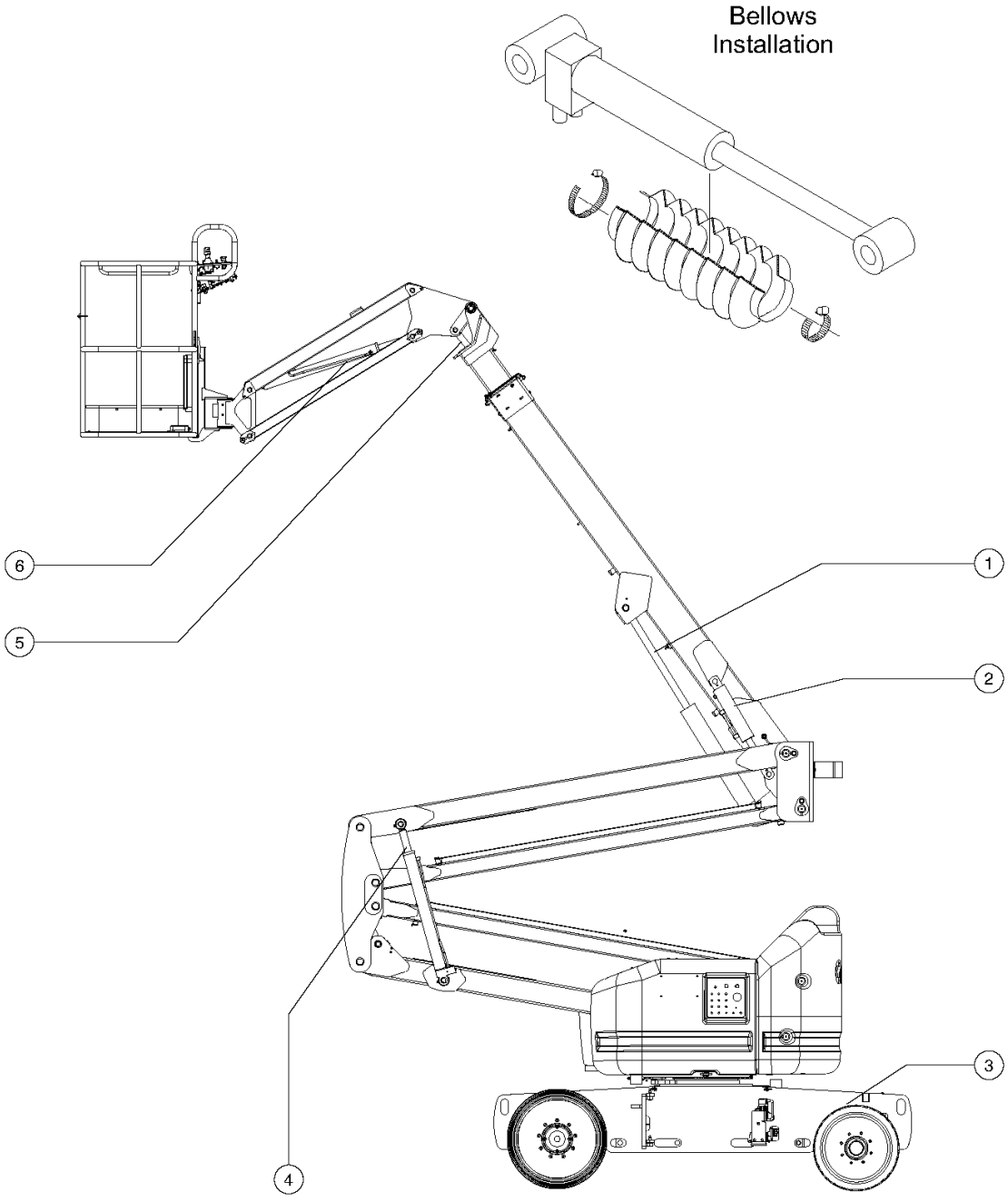
Item	Part No.	Description	Qty.
	110509GT	OPT, PLAT SPT, LOAD SENSE	
1	94176GT	WELDMENT,PLATFORM SUPPORT	1
2	61726GT	PIN,0.75DIAX5.75LG,CHAMFER	4
3	6888GT	SCREW, HHC, 1/4-20 X 1	
4	825020GT	ROD END, .25 X 2.75, ZAG	4
5	6091GT	NUT,NYLOCK,1/4-20	
6	25685GT	BEARING,GARLOCK,12FDU12	8
7	73634GT	SCREW,PHIL,PHM,10-24X1.5 ZINC	
8	6146GT	WASHER,FLAT,MS,#10,Y	
9	4828GT	NUT, NYLOCK, 3/8-16	
10	61975GT	RETAINER,SPRING,1.21 X .375	1
11	61974GT	SPRING,COMP,1" OD,232 LB/IN	1
12	101512GT	LOAD SUPPORT WITH BEARINGS includes item 6	2
13	61973GT	SWITCH,ROLLER PLUNGER LIMIT	1
14	5365GT	NUT,NYLOCK,10-24	
15	110789GT	WASHER,SHIM .0151 THK.	as-needed
16	61972GT	MOUNT,SWITCH	1
17	34619GT	BUMPER,RUBBER***	1
18	6097GT	WASHER, FLAT, USS, 3/8", Y	
19	21604GT	SCREW,HHC,3/8-16 X 3.25	
20	94170GT	WELDMENT,ROTATOR SUPPORT	1

806.1 Hostile Environmental Package - Primary Boom Wipers



Item	Part No.	Description	Qty.
	110510GT	OPTION,HOSTILE ENVIRONMENT	
1	8179GT	SCREW,HHC,1/4-20 X 2.25	4
2	6356GT	WASHER, LOCK, .25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	14
4	119077GT	TUBE,RD,STL,DOM,.75OD X .375ID	4
5	128972GT	FORMING,WIPER MOUNT	2
5-	147344GT	KIT, WIPER, Z-40/23N (order kit for first time replacement of p/n 119076P)	
6	128971GT	WIPER,PRIMARY BOOM	1
7	128973GT	PLATE,WIPER BACKING	2
8	6889GT	NUT,LP NYLOCK,1/4-20	10
9	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	10

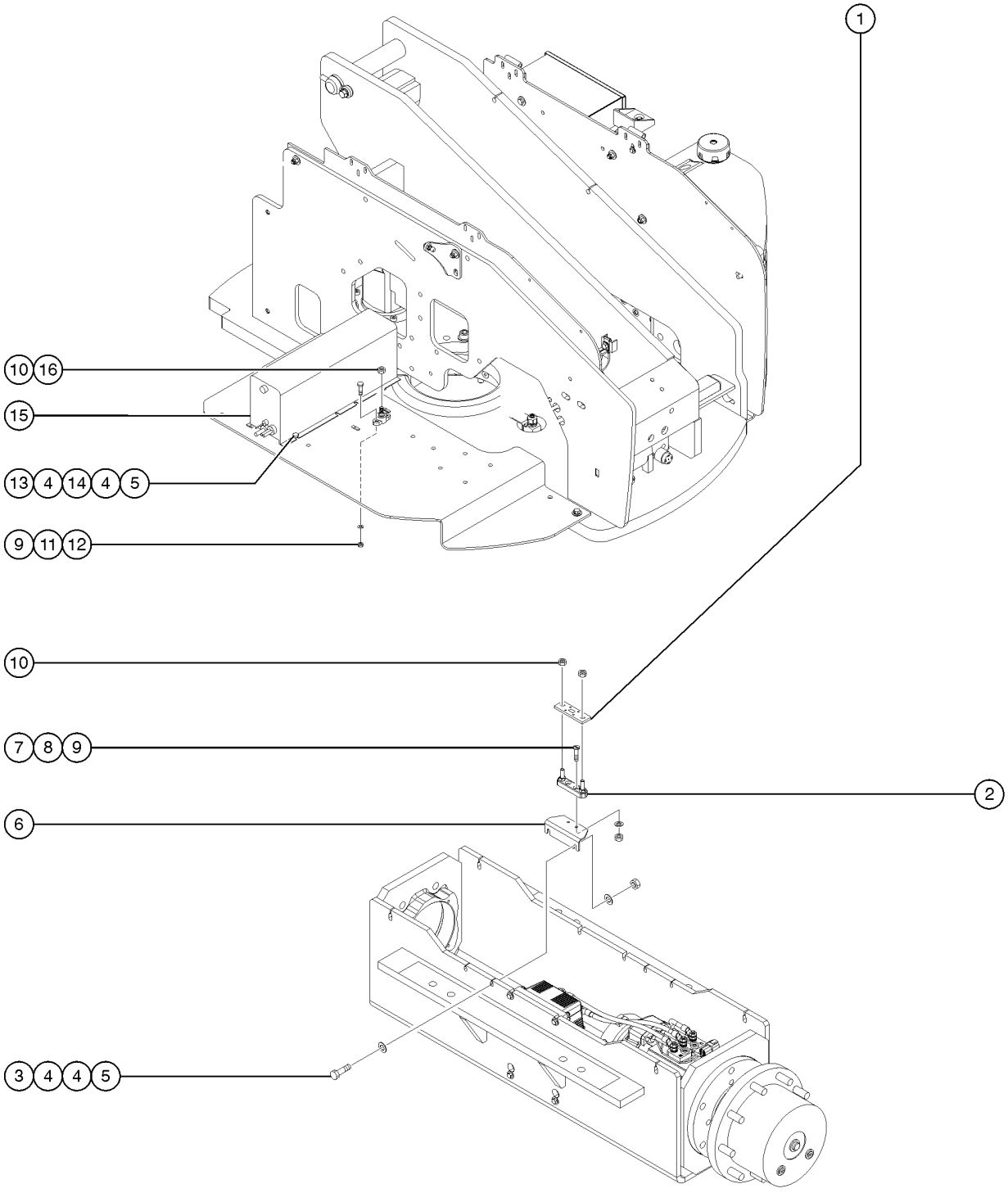
807.1 Hostile Environmental Package - Cylinder Bellows



807.1 Hostile Environmental Package - Cylinder Bellows

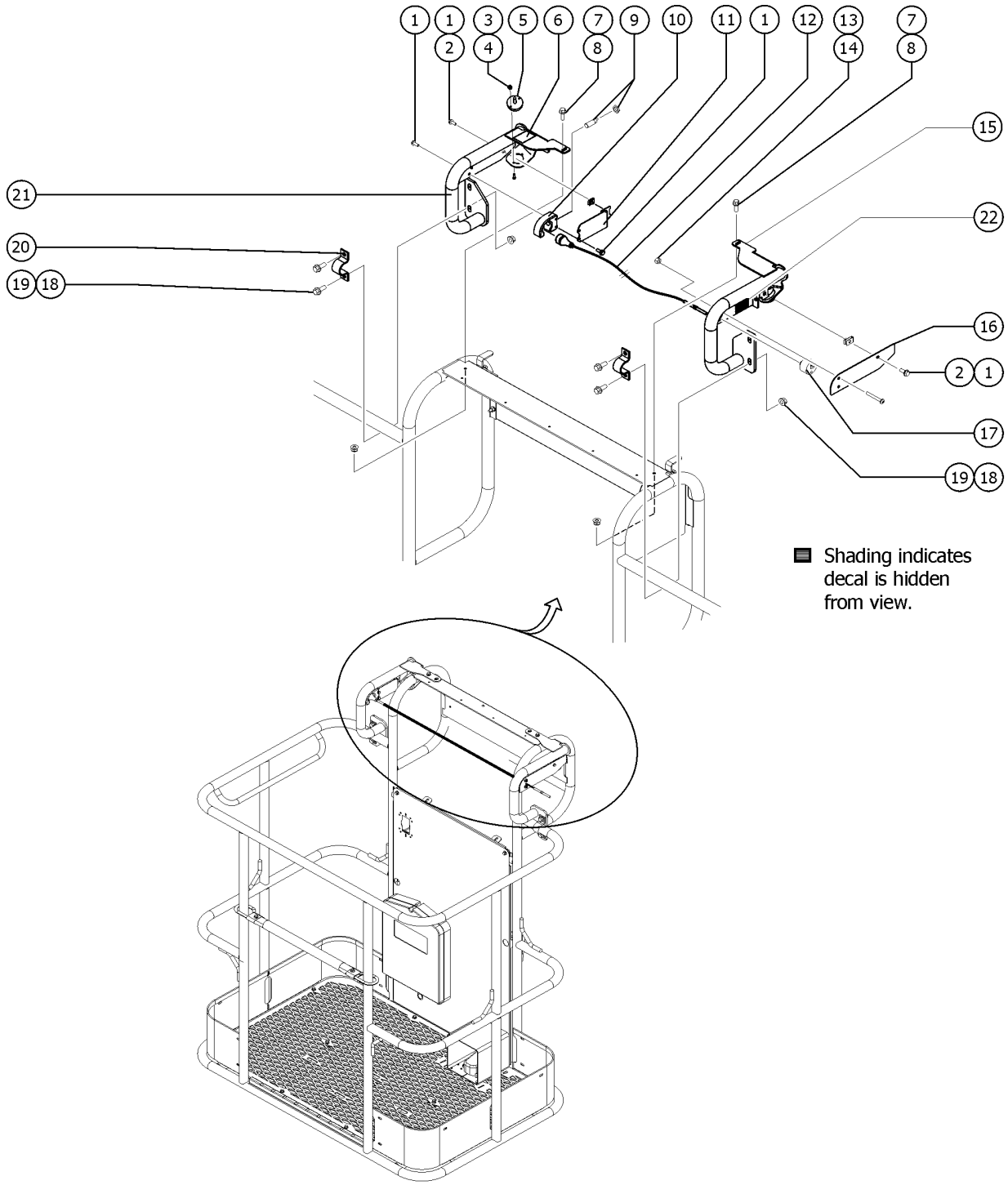
Item	*Part No.*	*Description*	*Qty.*
	119772GT	KIT,CYLINDER BELLOW,Z40	
1	54638GT	BELLOWS,PRIMARY CYLINDER,JIB	1
2	54640GT	BELLOWS,MASTER CYLINDER	1
3	110873GT	BELLOWS,STEER CYLINDER not shown	2
4	54652GT	BELLOWS,SECONDARY,ELEVATE CYL	2
5	54639GT	BELLOWS,SLAVE CYLINDER	1
6	94462GT	BELLOWS,JIB CYLINDER	1

808.1 Inverter



Item	Part No.	Description	Qty.
1	36372GT	FUSE,50 AMP,VERY FAST ACTING	1
2	66717GT	FUSE BLOCK, ANN & ANL FUSE	1
2	8910GT	BOOT,CABLE TERM,MED.RED,4/0	2
3	6145GT	SCREW, HHC, 1/4-20 X 1.5	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6091GT	NUT,NYLOCK,1/4-20	
6	119432GT	FORMING,FUSE MOUNT BRACKET	1
7	49824GT	SCREW,PHILLIPS,FHM,10-32X1.00	
8	35461GT	WASHER,FLAT,MS,#8,Y	
9	49824GT	SCREW,PHILLIPS,FHM,10-32X1.00	
10	4828GT	NUT, NYLOCK, 3/8-16	
11	6146GT	WASHER,FLAT,MS,#10,Y	
12	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
13	6888GT	SCREW, HHC, 1/4-20 X 1	
14	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	2
15	150026GT	INVERTER,48VDC,120VAC/60HZ	1
15-	139325GT	HARNESS,INVERTER	1
15-	53471GT	WIRE LOOM,3/8 NYLON,HI TEMP	48 inches
16A	94981GT	STUD,POWER 3/8" RED battery positive	1
16A	8910GT	BOOT,CABLE TERM,MED.RED,4/0	2
16B	94982GT	STANDOFF, 3/8" BLACK ground	1

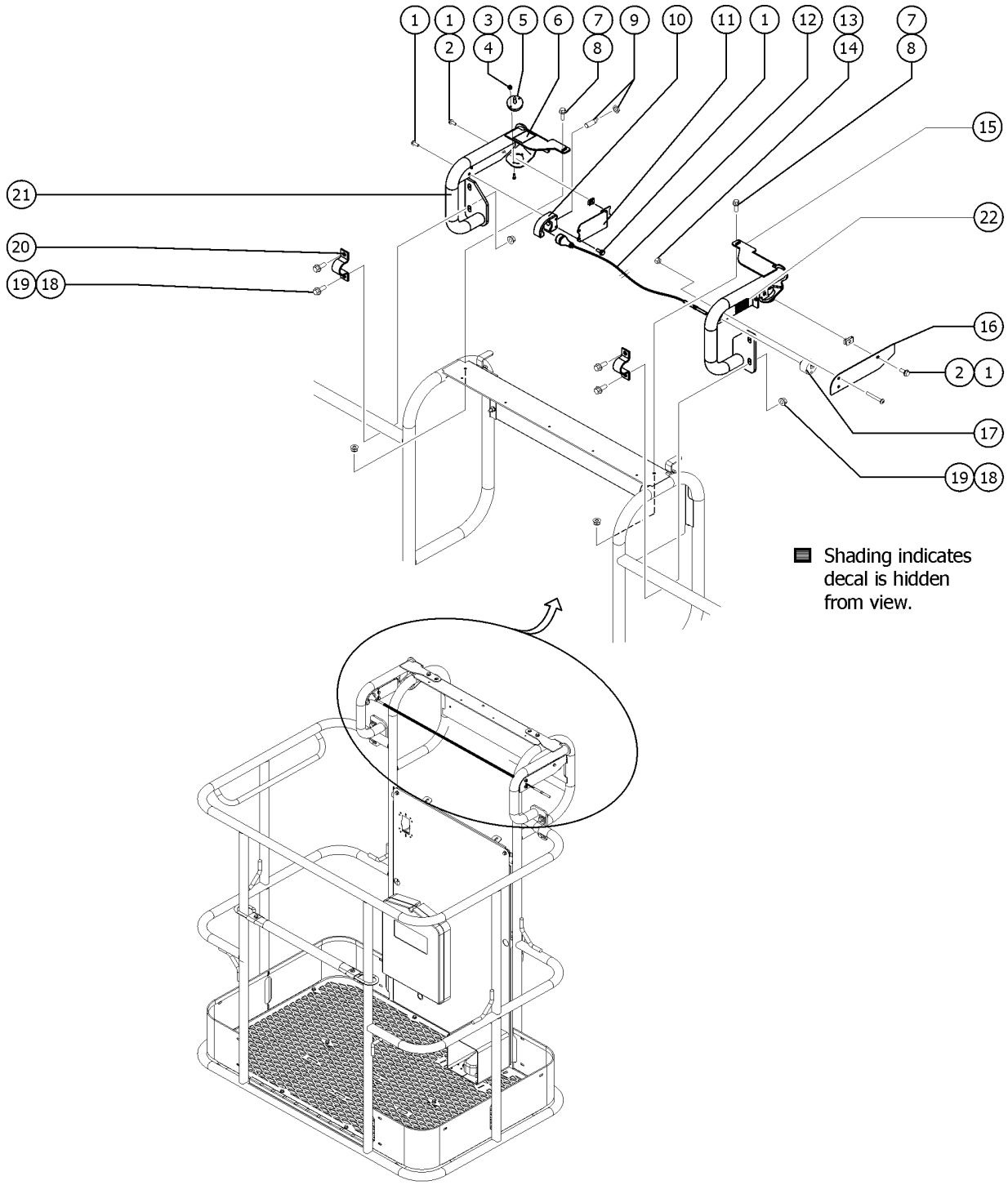
809.1 Lift Guard Contact Alarm (from January 2017)



809.1 Lift Guard Contact Alarm (from January 2017)

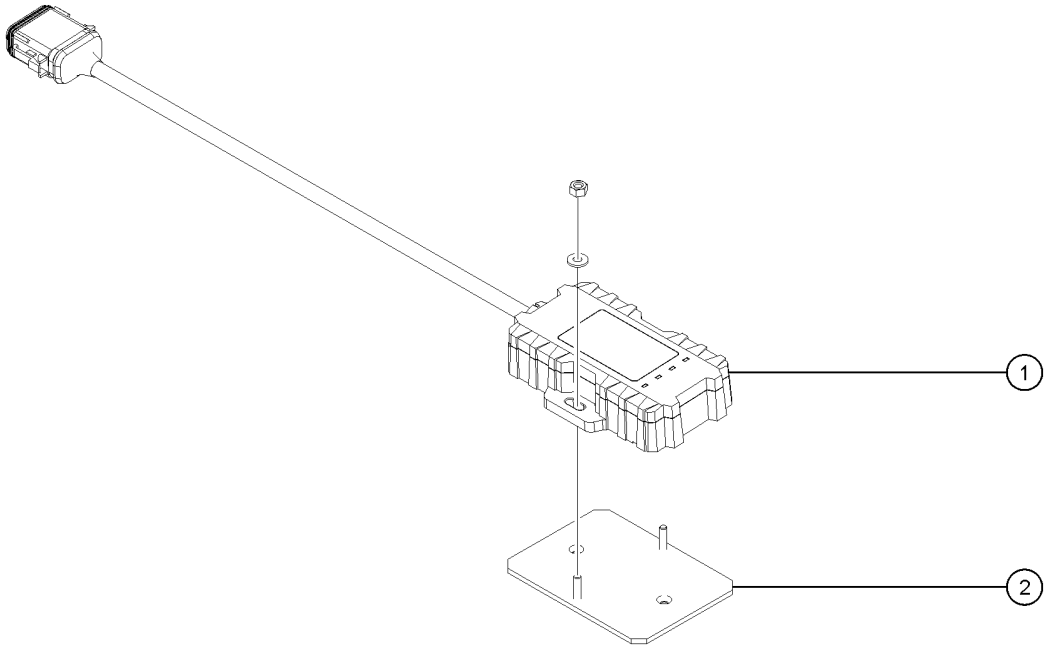
Item	Part No.	Description	Qty.
A-		From January 2017, this option became a standard installation on all models unless the customer specifically request not to have it installed	
B-	1279136GT	KIT,LIFT GUARD CONTACT ALARM,4'-5' PLATFORM	
C-	1278499GT	MACHINED, ANGLE SENSOR HOUSING	
D-	78098GT	RELAY,24VDC,40/30A,SLD 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

809.1 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

810.1 Telematics Option (from SN Z40N15-2779)



810.1 Telematics Option (from SN Z40N15-2779)

Item	Part No.	Description	Qty.
-	1296694GT	KIT, WIRING, Z-40, LIFT CONNECT for units after SN Z40N15-2779 for first time insulation, must order this kit with one of the models 1289520GT, 1289521GT, 1289522GT, or 1289523GT	1
-	1293414GT	HARNESS, RETROFIT, PLUS1 for units after SN Z40N15-2779 for first time insulation, must order this Harness with one of the models 1289520GT, 1289521GT, 1289522GT, or 1289523GT	
-	1294588GT	HARNESS, FUNCT. ENAB., LIFT CONNECT	
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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6033GT	31, 101
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6091GT	33, 37, 43, 61, 73, 75...
6095GT	43, 67, 71, 77
6096GT	43, 101
6097GT	65, 71, 75, 87, 107, 161
6145GT	33, 39, 45, 115, 121, 173
6146GT	43, 55, 61, 67, 71, 87...
6175GT	29, 73, 77, 101, 109, 117...
6178GT	39, 43, 61, 67, 71, 79...
6198GT	43, 67
6326GT	65, 95
6356GT	29, 39, 43, 51, 105, 115...
6607GT	33, 39
6637GT	43, 97, 107, 141
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18576GT	11, 39, 55
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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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