Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

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

from SN 1932 to 15132

Part No. 74117GT
Rev: L5
February 2025

Technical Publications

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

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

Contact Us:

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

Find a Manual for this Model

Go to http://www.genielift.com

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

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Second Edition, Twelfth Printing

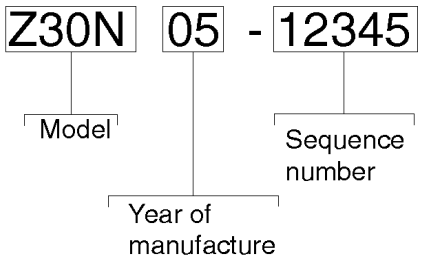
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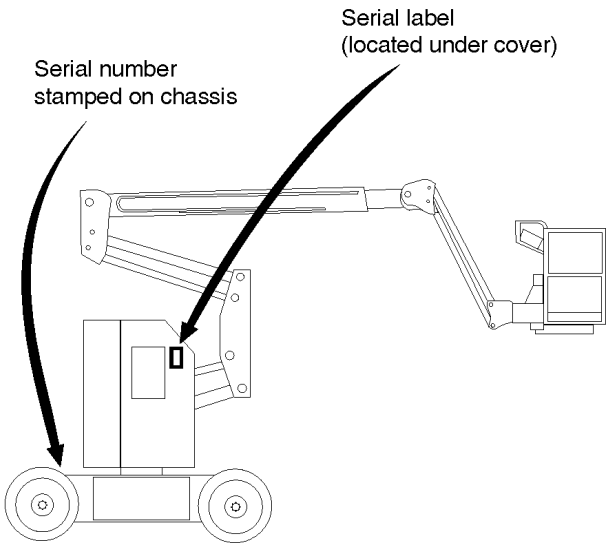
A TEREX COMPANY

Model: Z-30/20N
Serial number: Z30N05-12345
Model year: 2005 **Manufacture date:** 04/12/05
Electrical schematic number: ESXXXX
Machine unladen weight:

Rated work load (including occupants): XXX lb / XXX kg
Maximum number of platfrm occupants: X
Maximum allowable side force : XXX lb / XXX N
Maximum allowable inclination of the chassis:
0 deg
Maximum wind speed : XX mph/ XX m/s
Maximum platform height : XX ft / XX m
Maximum platform reach : XX ft / XX m
Gradeability: N/A
Country of manufacture: USA
This machine complies with:

Genie Industries
18340 NE 76th Street
Redmond, WA 98052
USA





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

Required Parts

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

Description	Part No.
Filter Element, 10 Micron	74634
O-ring Kit (for ORFS Fittings)	49612
Plug and Cap Kit (for ORFS fittings)	49613
Safety Chock	36555
Dielectric Grease	66399

Recommended Parts

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

Manuals

Genie Industries offers the following support documents for these models:

Title	Part No.
EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5	31779

TEREX CORPORATION

Service Parts Fax Order Form

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

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

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

Optional Equipment _____

Part Number	Description	Quantity	Price

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

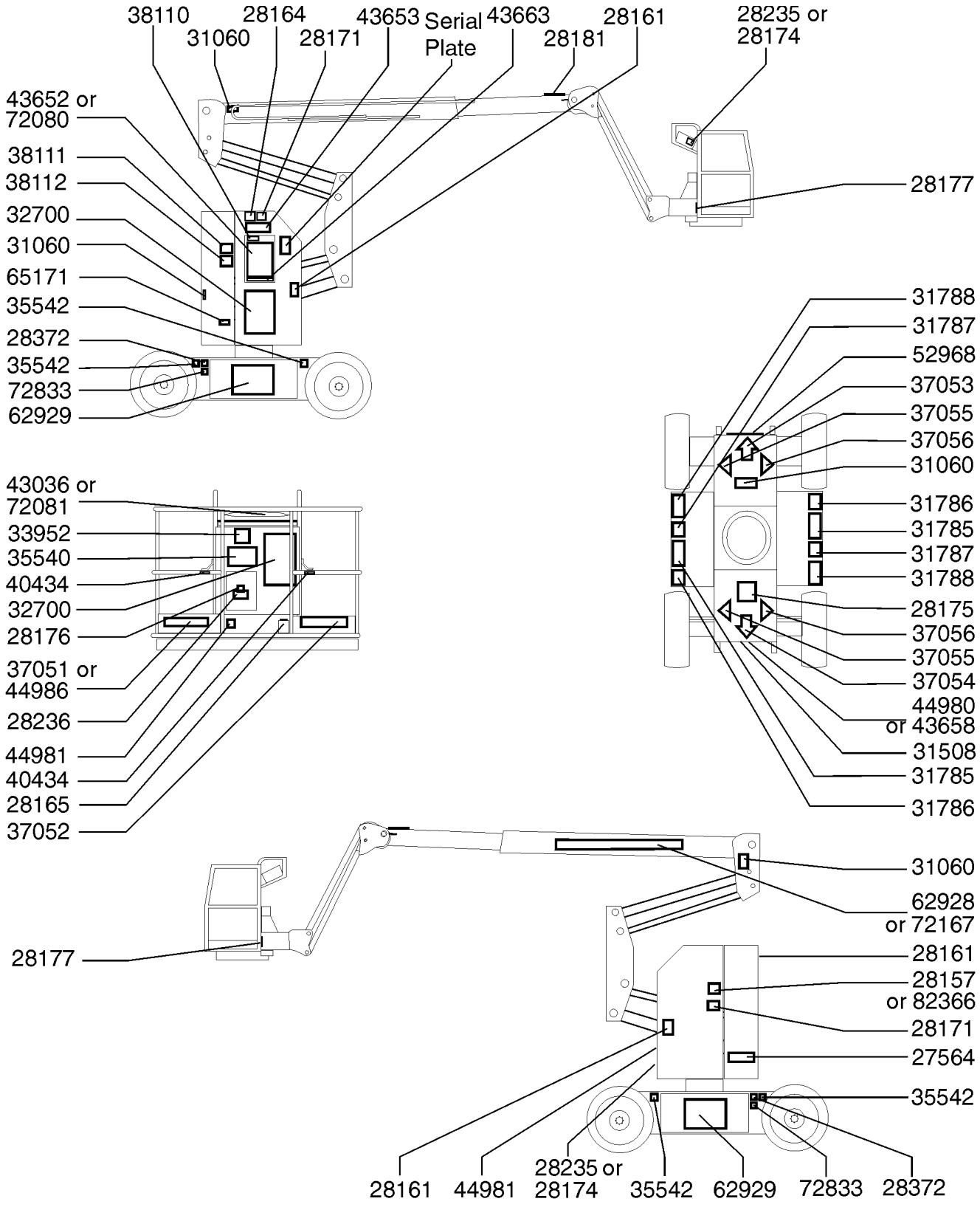
- ☐ Ship complete order only - No back orders
- ☐ Ship all available parts and contact customer on disposition of back-ordered parts
- ☐ Other (please specify)

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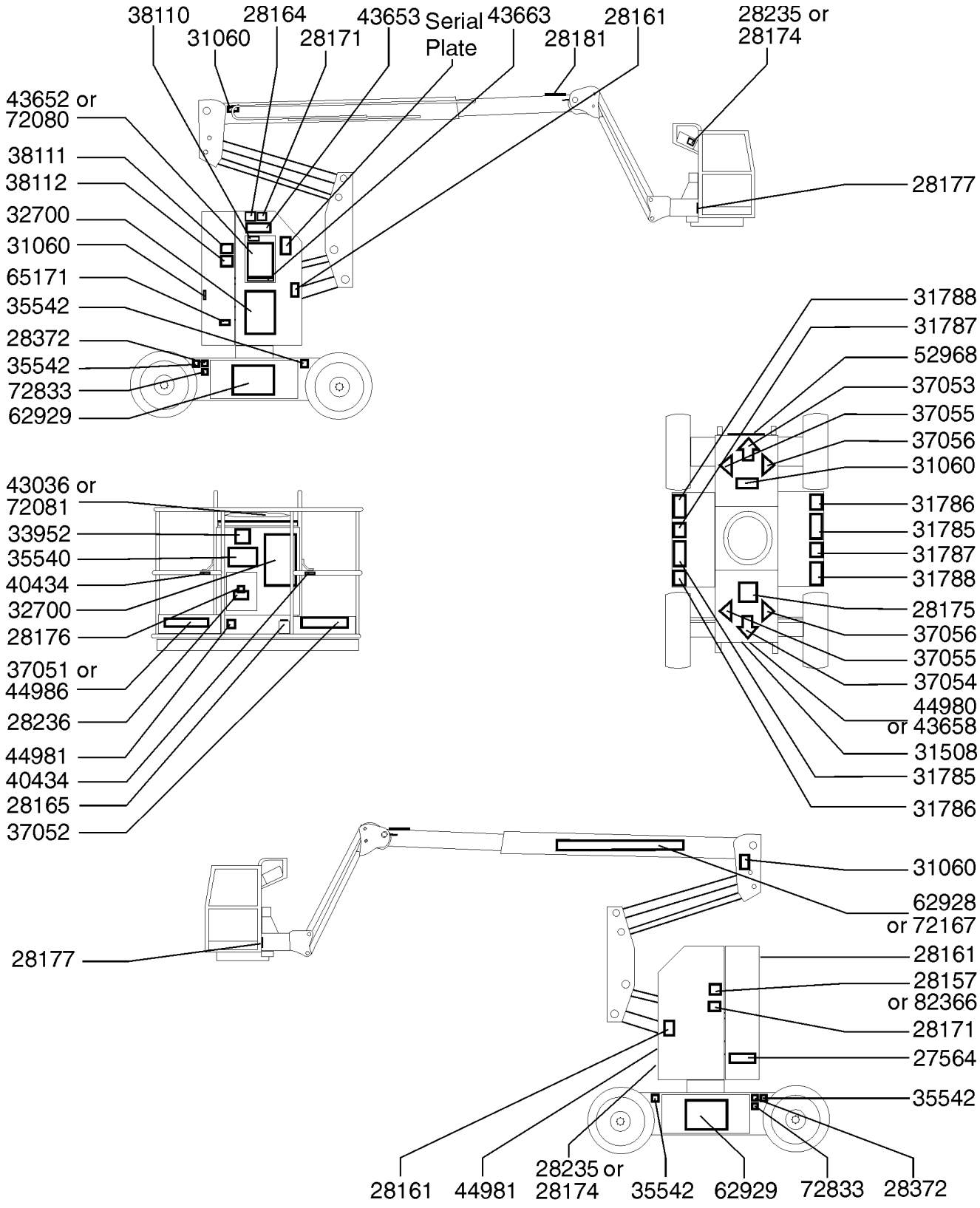
101.1 Decals (to SN 6289)



101.1 Decals (to SN 6289)

Item	Part No.	Description	Qty.
	46192GT	DECAL KIT,WORDS,Z30N/Z20 includes items 1, 3-6, 8-11, 13-24, 27-31, 37, 38, 47, 48, 49, 51 and 52	
	1299357GT	DECAL KIT,PLAT Z30/Z34,WORD from SN 1932	
1	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
2	28157GT	DECAL,USE DEXRON***	1
3	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
4	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
5	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
6	28171GT	DECAL,DANGER,NO SMOKING ***	1
7	28174GT	DECAL, POWER TO PLATFORM 230V**	2
8	28175GT	DECAL,WARNING-COMPART ACCESS	1
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	2
16	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
17	31785GT	DECAL,NOTICE,CHARGER INSTRUC	2
18	31786GT	DECAL,NOTICE,BATT CONNECTION	2
19	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2
20	31788GT	DECAL,DANGER,BATTERY SAFETY***	2
21	32700GT	DECAL,DANGER,GEN SAFETY RULES	2
22	33952GT	DECAL,DANGER,TILT ALARM	1
23	35540GT	DECAL,NOTICE,OPER INST PLAT,DC	1
24	35542GT	DECAL,NOTICE,LUG NUT TORQUE***	4
25	37051GT	DECAL,NOTICE,SIDE FRC 150,ANSI	1
26	37052GT	DECAL,NOTICE,MAX LOAD 500 LBS	1

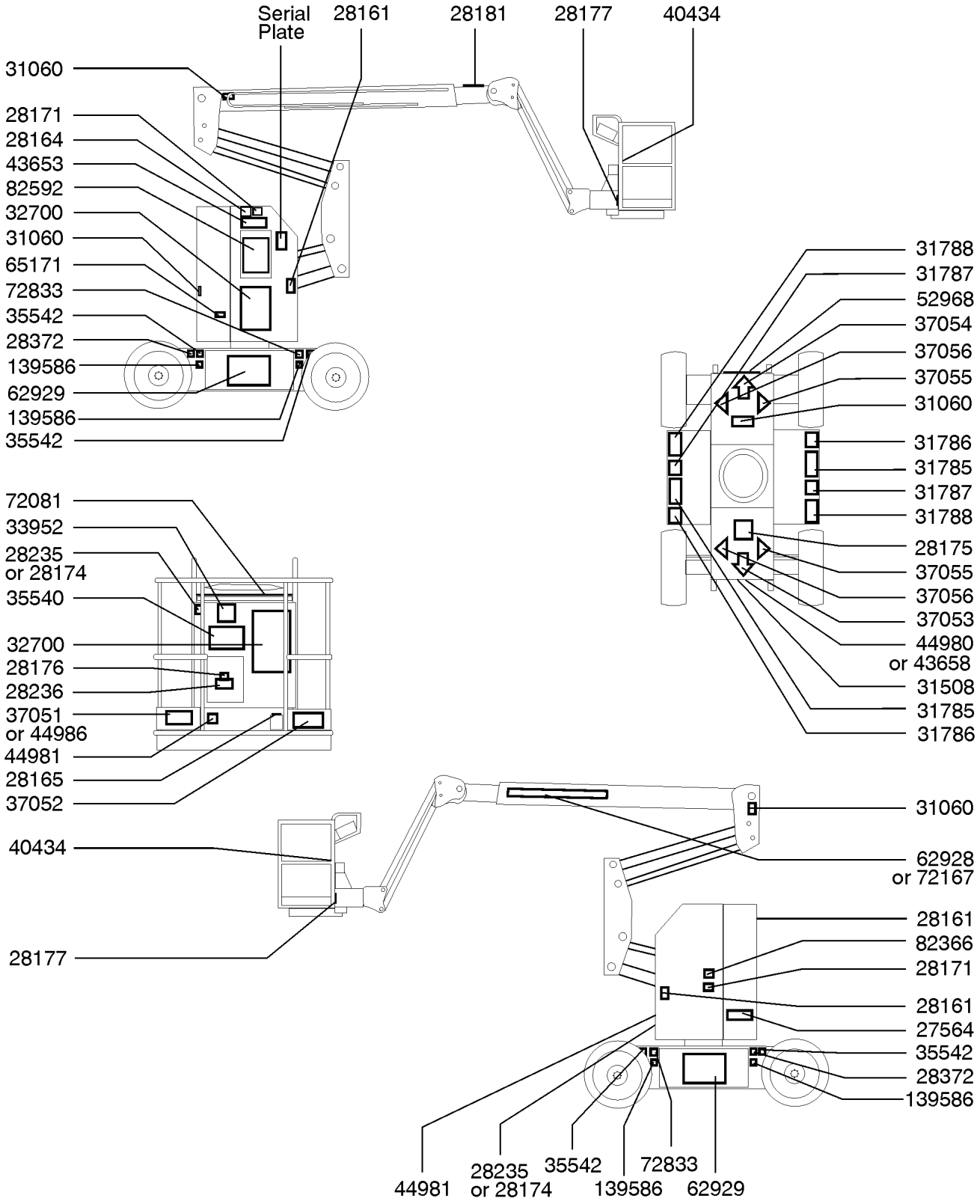
101.1 Decals (to SN 6289)



101.1 Decals (to SN 6289)

Item	Part No.	Description	Qty.
27	37053GT	DECAL,ARROW,BLUE	2
28	37054GT	DECAL,ARROW,YELLOW SM 5-3/8"	2
29	37055GT	DECAL,TRIANGLE,BLUE	2
30	37056GT	DECAL,TRIANGLE,YELLOW	2
31	38110GT	DECAL,LABEL,TRAVEL ALARM***	2
32	38111GT	DECAL,WARNING,BRAKE RELEASE***	1
33	38112GT	DECAL,CAUTION,BRAKE RELEASE***	1
34	40434GT	DECAL,LANYARD ANCHORAGE POINT	2
35	43036GT	DECAL, PLATFORM CONTROL PANEL*	1
36	43652GT	DECAL,GROUND CONTROL PANEL**	1
37	43653GT	DECAL,NOTICE, GRD OPER INSTRUC	1
38	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
39	43663GT	DECAL,NOTICE, FUNCTION ENABLE*	1
40	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
41	44981GT	DECAL LABEL AIRLINE 110PSI	2
42	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1
43	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
44	62928GT	DECAL,COSMETIC,GENIE Z-30/20N	1
45	62929GT	DECAL,COSM,GENIE Z-30/20N(BOX)	1
46	65171GT	DECAL,LABEL,CB & STATUS LIGHT	1
47	72080GT	DECAL,GROUND CONTROL PANEL	1
48	72081GT	DECAL,PLATFORM CONTROL PANEL**	1
49	72167GT	DECAL,COSMETIC,GENIE Z30/20NRJ	1
50	72833GT	DECAL,LABEL,OPEN,LATCH	1
51	82366GT	DECAL, LABEL - CHEVRON RANDO	1

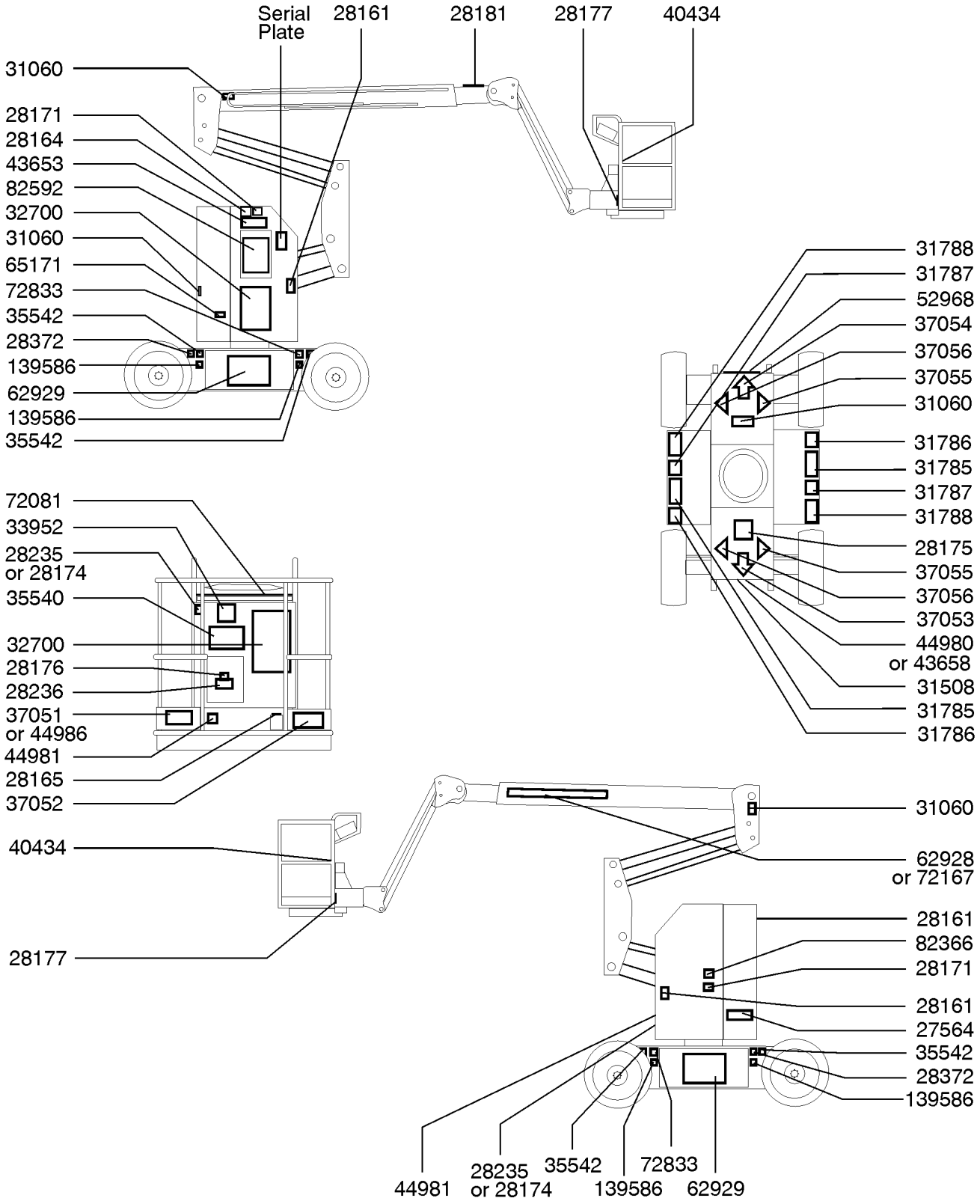
102.1 Decals with Words (from SN 6290 to 8332)



102.1 Decals with Words (from SN 6290 to 8332)

Item	Part No.	Description	Qty.
-	T107970GT	DECAL KIT,WRD,Z30-20NRJ ANSI ANSI/CSA models	
-	T107971GT	DECAL KIT,WRD,Z30-20NRJ AUS Australia models	
	1299357GT	DECAL KIT,PLAT Z30/Z34,WORD	
1	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
2	28161GT	DECAL,WARN,CRUSH HAZARD HAND	2
3	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
4	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
5	28171GT	DECAL,DANGER,NO SMOKING ***	2
6	28174GT	DECAL, POWER TO PLATFORM 230V**	2
7	28175GT	DECAL,WARNING-COMPART ACCESS	2
8	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
9	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
10	28181GT	DECAL,WARN,FALL HAZARD	1
11	28235GT	DECAL, POWER TO PLATFORM 115V**	2
12	28236GT	DECAL,WARN,IMPROPER OPERATION	1
13	28372GT	DECAL,NOTICE,BATTERY CABLES	2
14	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
15	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
16	31785GT	DECAL,NOTICE,CHARGER INSTRUC	1
17	31786GT	DECAL,NOTICE,BATT CONNECTION to S/N 6801	2
17-	114117GT	DECAL,BATT CONN DIAGRAM from S/N 6802	
18	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2
19	31788GT	DECAL,DANGER,BATTERY SAFETY***	2
20	32700GT	DECAL,DANGER,GEN SAFETY RULES	1
21	33952GT	DECAL,DANGER,TILT ALARM	1
22	35540GT	DECAL,NOTICE,OPER INST PLAT,DC	1
23	35542GT	DECAL,NOTICE,LUG NUT TORQUE***	4
24	37051GT	DECAL,NOTICE,SIDE FRC 150,ANSI	1

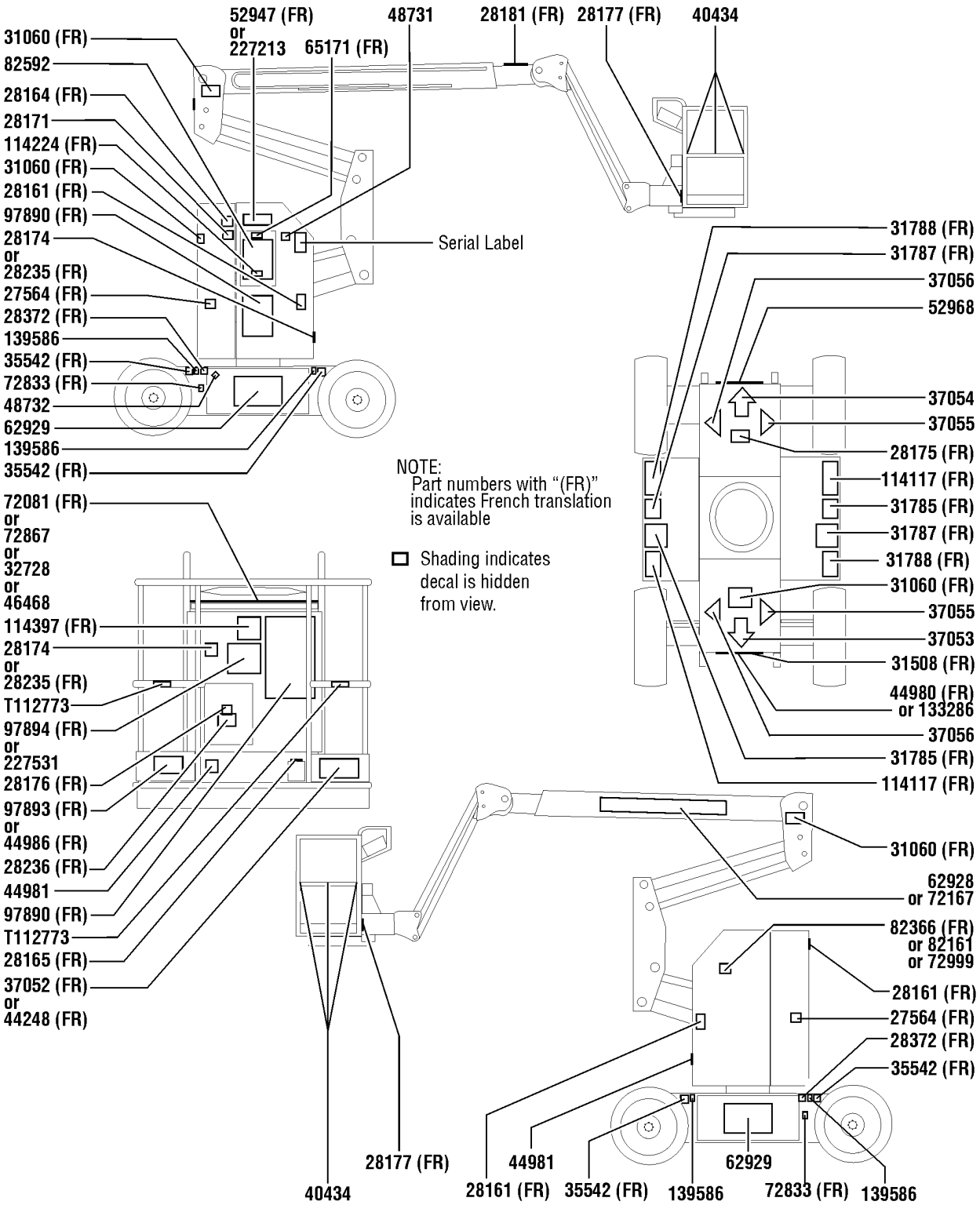
102.1 Decals with Words (from SN 6290 to 8332)



102.1 Decals with Words (from SN 6290 to 8332)

Item	Part No.	Description	Qty.
25	37052GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
26	37053GT	DECAL,ARROW,BLUE	1
27	37054GT	DECAL,ARROW,YELLOW SM 5-3/8"	1
28	37055GT	DECAL,TRIANGLE,BLUE	2
29	37056GT	DECAL,TRIANGLE,YELLOW	2
30	40434GT	DECAL,LANYARD ANCHORAGE POINT	2
31	43653GT	DECAL,NOTICE, GRD OPER INSTRUC	1
32	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
33	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
34	44981GT	DECAL LABEL AIRLINE 110PSI	2
35	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS Australia	1
36	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
37	62928GT	DECAL,COSMETIC,GENIE Z-30/20N	1
38	62929GT	DECAL,COSM,GENIE Z-30/20N(BOX)	1
39	65171GT	DECAL,LABEL,CB & STATUS LIGHT	1
40	72167GT	DECAL,COSMETIC,GENIE Z30/20NRJ	1
41	72081GT	DECAL,PLATFORM CONTROL PANEL**	1
42	72833GT	DECAL,LABEL,OPEN,LATCH	1
43	82366GT	DECAL, LABEL - CHEVRON RANDO	1
44	82592GT	DECAL,GROUND CONTROL PANEL***	1
45	139586GT	DECAL,LABEL,WHEEL LOAD Z30N&RJ	4

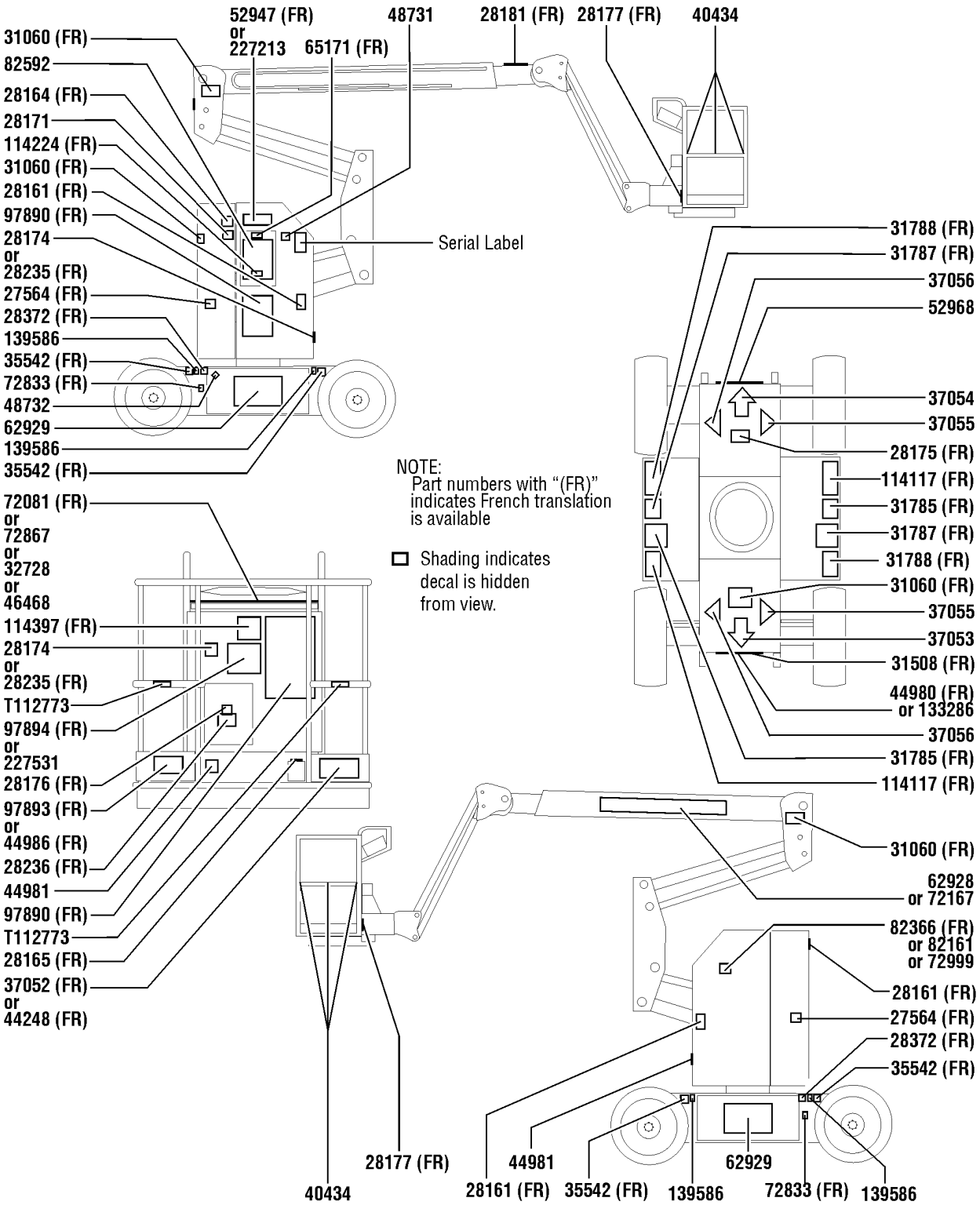
102.2 Decals with Words (from SN 8333)



102.2 Decals with Words (from SN 8333)

Item	Part No.	Description	Qty.
	1298973GT	DECAL KIT,PLAT Z30N & Z34N/DC,WORD platform kit from SN 8333 to 15132	
1	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
2	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
3	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
4	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
5	28171GT	DECAL,DANGER,NO SMOKING ***	1
6	28174GT	DECAL, POWER TO PLATFORM 230V**	2
7	28175GT	DECAL,WARNING-COMPART ACCESS	1
8	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
9	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
10	28181GT	DECAL,WARN,FALL HAZARD	1
11	28235GT	DECAL, POWER TO PLATFORM 115V**	2
12	28236GT	DECAL,WARN,IMPROPER OPERATION	1
13	28372GT	DECAL,NOTICE,BATTERY CABLES	2
14	31060GT	DECAL,DANGER DO NOT ALTER SWTC	4
15	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
16	31785GT	DECAL,NOTICE,CHARGER INSTRUC	2
16	31785JAGT	DECAL,NOTICE,CHARGER INSTRUC (japanese)	
17	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2
18	31788GT	DECAL,DANGER,BATTERY SAFETY***	2
19	32728GT	DECAL,OPTION GENERATOR*** models with inverter	1
20	35542GT	DECAL,NOTICE,LUG NUT TORQUE***	4
21	37052GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
22	37053GT	DECAL,ARROW,BLUE	1
23	37054GT	DECAL,ARROW,YELLOW SM 5-3/8"	1
24	37055GT	DECAL,TRIANGLE,BLUE	2
25	37056GT	DECAL,TRIANGLE,YELLOW	2
26	40434GT	DECAL,LANYARD ANCHORAGE POINT	6

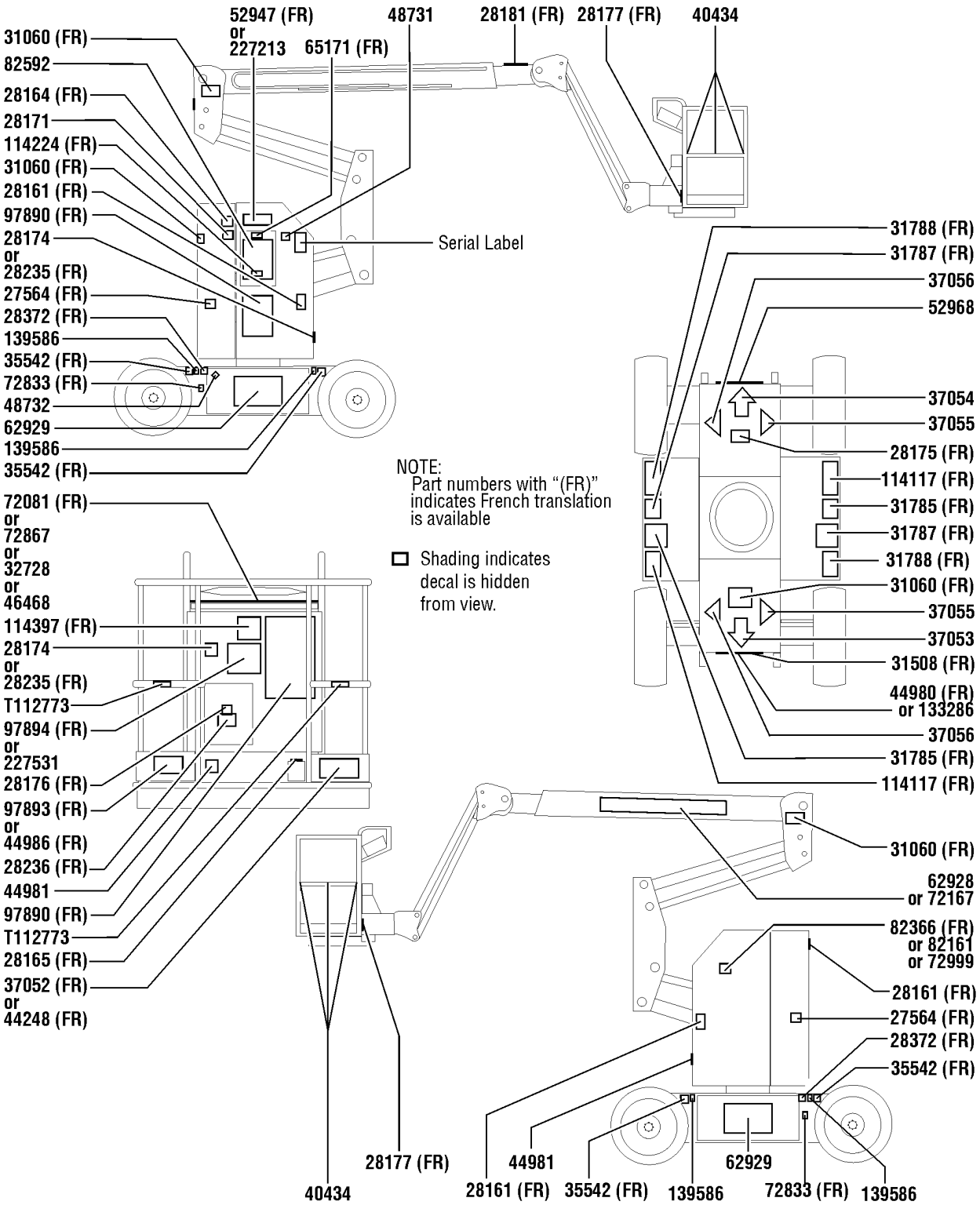
102.2 Decals with Words (from SN 8333)



102.2 Decals with Words (from SN 8333)

Item	Part No.	Description	Qty.
27	44248GT	DECAL,NOTICE,MAX CAP 440 LBS models with aircraft protection package	1
28	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK EE option	1
29	44981GT	DECAL LABEL AIRLINE 110PSI	2
30	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS Australia models	1
31	46468GT	DECAL,FUNCTION OVERRIDE models with aircraft protection package	1
34	52947GT	DECAL,OPERATING INSTR,GROUND ANSI models	1
35	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
36	62928GT	DECAL,COSMETIC,GENIE Z-30/20N models without rotating jib	1
37	62929GT	DECAL,COSM,GENIE Z-30/20N(BOX)	2
38	65171GT	DECAL,LABEL,CB & STATUS LIGHT	1
39	72081GT	DECAL,PLATFORM CONTROL PANEL**	1
40	72167GT	DECAL,COSMETIC,GENIE Z30/20NRJ models with rotating jib	1
41	72833GT	DECAL,LABEL,OPEN,LATCH	2
42	72867GT	DECAL,LABEL,LIGHTS*** models with work lights	1
43	72999GT	DECAL,LABEL,PETRO CANADA***	1
44	82161GT	DECAL,LABEL,UCON HYDROLUBE	1
45	82366GT	DECAL, LABEL - CHEVRON RANDO	1
46	82592GT	DECAL,GROUND CONTROL PANEL***	1
47	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
48	97893GT	DECAL,NOTICE,SIDE FRC/WINDANSI ANSI/CSA models	1
49	97894GT	DECAL,NOTICE,OPER INST PLAT,DC ANSI models	1
50	114117GT	DECAL,BATT CONN DIAGRAM	2
51	114224GT	DECAL,LABEL,RELAYS,Z30N,Z34NDC	1
52	114397GT	DECAL,DANGER,TILT ALARM	1
53	133286GT	DECAL, POWER TO CHARGER, UNIV	1
54	139586GT	DECAL,LABEL,WHEEL LOAD Z30N&RJ	4
55	227213GT	DECAL,OPER INST,DC BOOM GND AU Australia models	1
56	227531GT	DECAL, OPERATING INSTRUCTIONS Australia models	1

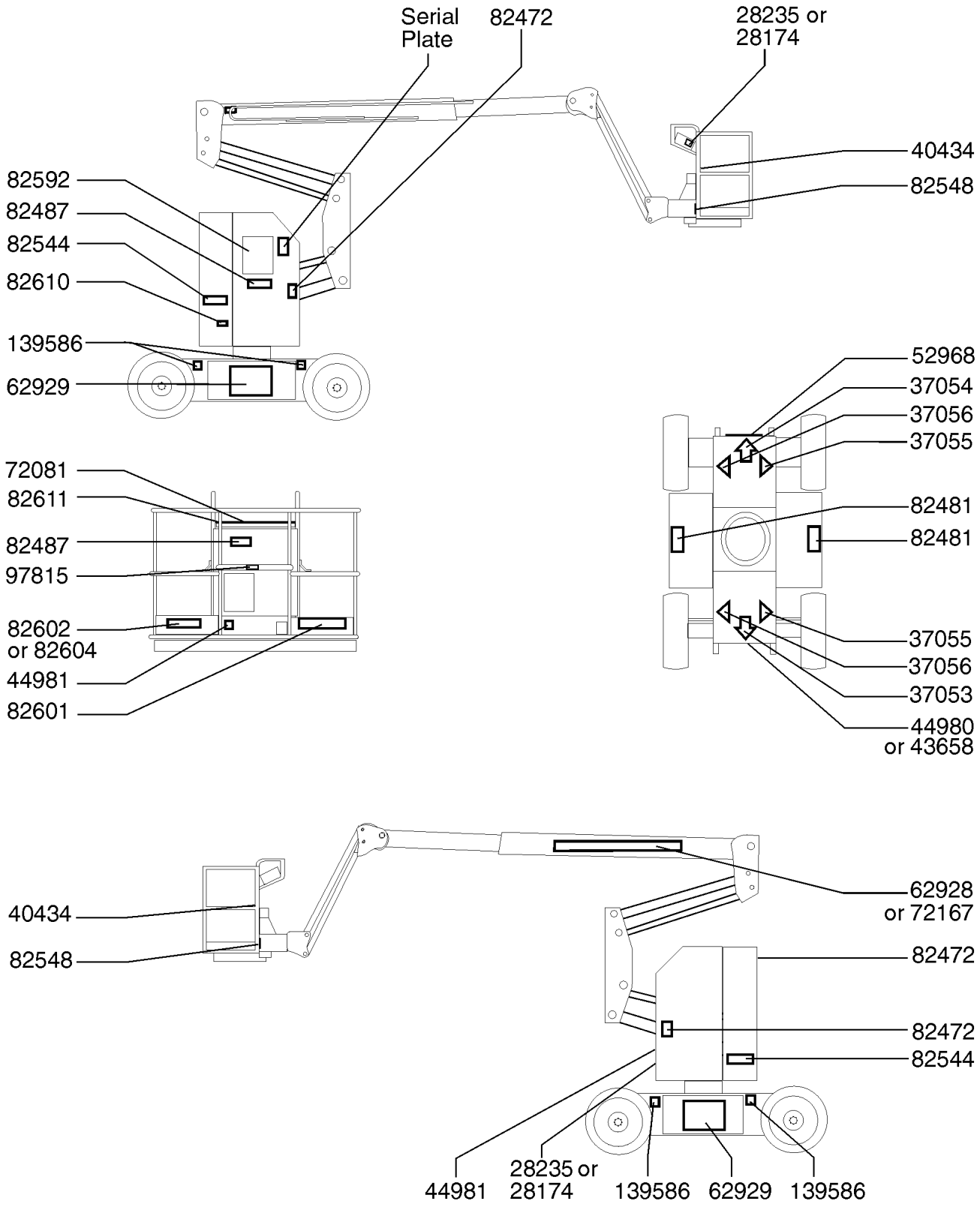
102.2 Decals with Words (from SN 8333)



102.2 Decals with Words (from SN 8333)

Item	*Part No.*	*Description*	*Qty.*
57	T112773GT	TAPE, PROTECTIVE MASK	2

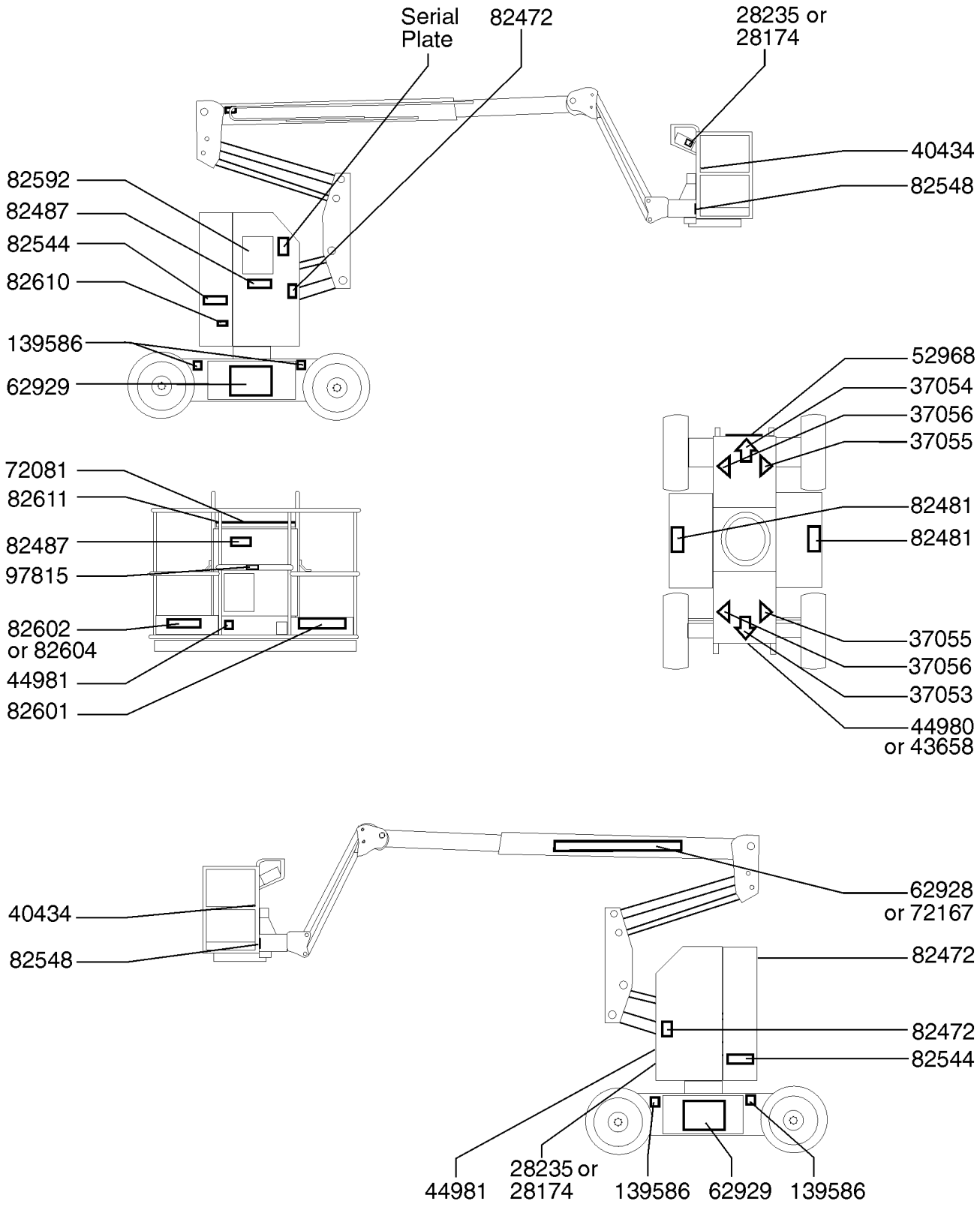
103.1 Decals with Symbols (from SN 6290)



103.1 Decals with Symbols (from SN 6290)

Item	Part No.	Description	Qty.
-	T107974GT	DECAL KIT,SYM,Z30/20 ANSI Asia / South America models	
-	T107975GT	DECAL KIT,SYM,Z30/20 CE CE models	
	1298977GT	DECAL KIT,PLAT Z40/Z34/Z30,SYMBOL	
1	28174GT	DECAL, POWER TO PLATFORM 230V**	2
2	28235GT	DECAL, POWER TO PLATFORM 115V**	2
3	37053GT	DECAL,ARROW,BLUE	1
4	37054GT	DECAL,ARROW,YELLOW SM 5-3/8"	1
5	37055GT	DECAL,TRIANGLE,BLUE	2
6	37056GT	DECAL,TRIANGLE,YELLOW	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 110PSI	2
11	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
12	62928GT	DECAL,COSMETIC,GENIE Z-30/20N	1
13	62929GT	DECAL,COSM,GENIE Z-30/20N(BOX)	1
14	72081GT	DECAL,PLATFORM CONTROL PANEL**	1
15	72167GT	DECAL,COSMETIC,GENIE Z30/20NRJ	1
16	82472GT	DECAL,WARNING,CRUSHING HAZARD	3
17	82481GT	DECAL,SYMBOL-BATTERY SAFETY	2
18	82487GT	DECAL, SYMBOL - READ THE MANUAL	2
19	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
20	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
21	82592GT	DECAL,GROUND CONTROL PANEL***	1
22	82601GT	DECAL,LABEL,MAX CAPACITY***	1
23	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
24	82604GT	DECAL,DANGER,SIDE FRC 400N	1
25	82610GT	DECAL,LABEL,CB & STATUS LIGHT	1

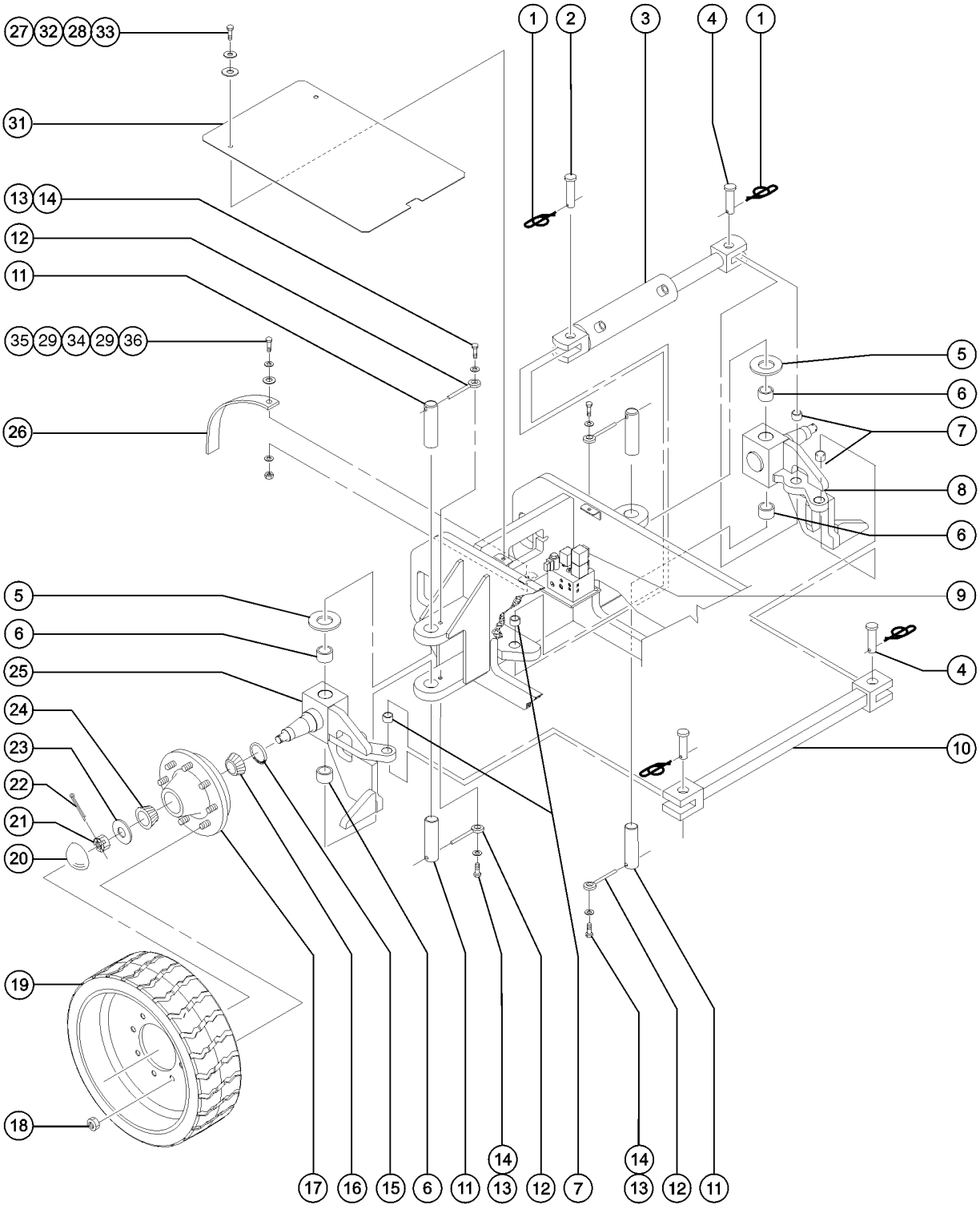
103.1 Decals with Symbols (from SN 6290)



103.1 Decals with Symbols (from SN 6290)

Item	*Part No.*	*Description*	*Qty.*
26	82611GT	DECAL,DRIVE ENABLE PATCH	1
27	139586GT	DECAL,LABEL,WHEEL LOAD Z30N&RJ	4
28	97815GT	DECAL,LABEL,LOWER MIDRAIL	1

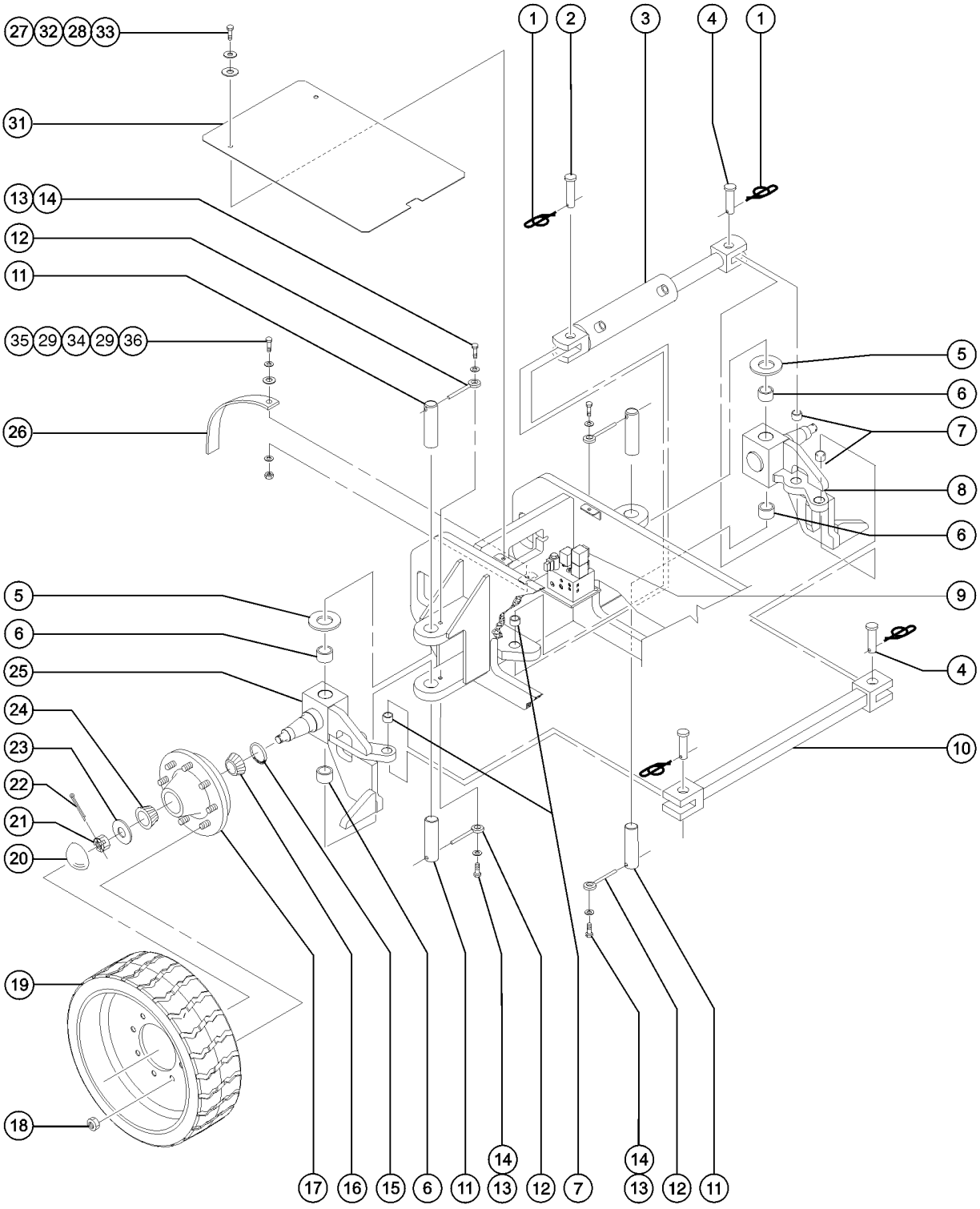
201.1 Steer Axle Linkage, Wheels and Hubs (to SN 5840)



201.1 Steer Axle Linkage, Wheels and Hubs (to SN 5840)

Item	Part No.	Description	Qty.
1	74389GT	RUE RING 1.00	4
2	32399GT	PIN,CLEVIS,1 X 3 LG.	1
3	88337GT	CYLINDER,STEER	1
3-	88338GT	SEAL KIT, 88337 verify part number prior to ordering	
3-	48401GT	SEAL KIT,42406,STEER.CYL,TEXAS from SN 5119; verify part number prior to ordering	
3-	48401GT	SEAL KIT,42406,STEER.CYL,TEXAS to SN 2787; verify part number prior to ordering	
3-	59169GT	SEAL KIT,2" BORE,1" ROD*** from SN 4447 to SN 5118; verify part number prior to ordering	
3-	59076GT	SEAL KIT,2.0" BORE CYLINDERS** from SN 2788 to SN 4446; verify part number prior to ordering	
4	19440GT	PIN,CLEVIS,1 X 2.5 LG	3
5	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
6	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
7	25817GT	BEARING,1.00IDX1.25ODX1.00L	3
8	74313GT	YOKE ASSY,RH,Z30NRJ includes items 6 and 7	1
9		Ref. Steer Brake Manifold (refer to 701.1)	
10	36163-SGT	TIE ROD,WELDMENT,Z30N**	1
11	36211GT	PIN,1.50DIAX3.25LG,1HOLE	4
12	1255452GT	ROD END,.375 X 2.25,ZAG	4
12-	825019GT	ROD END, .375X3.69, ZAG	
13	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	
14	6021GT	WASHER, LOCK, .375	
15	45110GT	SEAL-GREASE,MODEL 60-8	2
16	45107GT	INNER CONE - MODEL 60-8 large bearing race not included	2
16A	40145GT	BEARING RACE (LARGE) (45873) inner cone not included	2
17	45043GT	HUB ASSEMBLY MODEL#60-8*** includes races and items 15, 16, 20, 23 and 24	2
17-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	
17-	45873GT	SEAL/BEARING KIT (45043,54840) includes races and items 15, 16, 23 and 24	
18	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
19	94908GT	TIRE & WHEEL ASSY,FRONT N-M non-marking	2

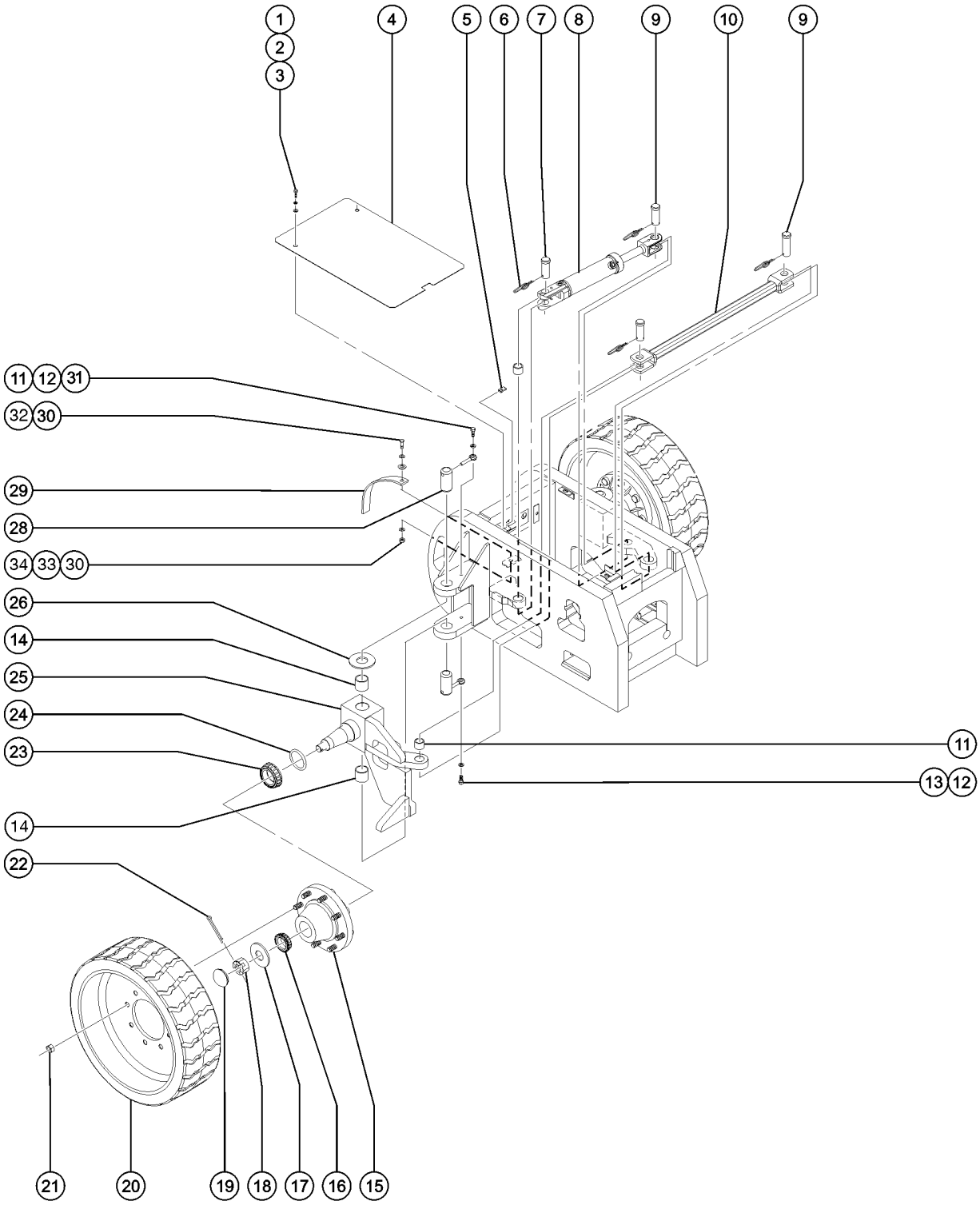
201.1 Steer Axle Linkage, Wheels and Hubs (to SN 5840)



201.1 Steer Axle Linkage, Wheels and Hubs (to SN 5840)

Item	Part No.	Description	Qty.
19	56453GT	TIRE/WHL.ASSY,FRT W/TREA 103#*	
20	45111GT	CAP,DUST,45873 HUB KIT	2
21	45113GT	NUT,SPINDLE,1-14	2
22	45114GT	PIN,COTTER,.219 X 1.75	2
23	45112GT	WASHER,SPINDLE	2
24	45108GT	OUTER CONE - MODEL 60-8 small bearing race not included	2
24A	40146GT	BEARING RACE (SMALL) (45873) outer cone not included	2
25	74312GT	YOKE ASSY,LH,Z30NRJ includes items 6 and 7	1
26	96317GT	GROUND STRAP,12"LG***	1
27	6888GT	SCREW, HHC, 1/4-20 X 1	
28	6638GT	WASHER, FLAT, USS, 1/4"Y	
29	5397GT	WASHER, FLAT, USS, 5/16-18	
30	6091GT	NUT, NYLOCK, 1/4-20	
31	37100GT	COVER W/DECAL DR CHAS STR END*	1
32	6356GT	WASHER, LOCK, .25	
33	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
34	6700GT	WASHER, STAR, EXTERNAL, .375	1
35	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	1
36	4828GT	NUT, NYLOCK, 3/8-16	1

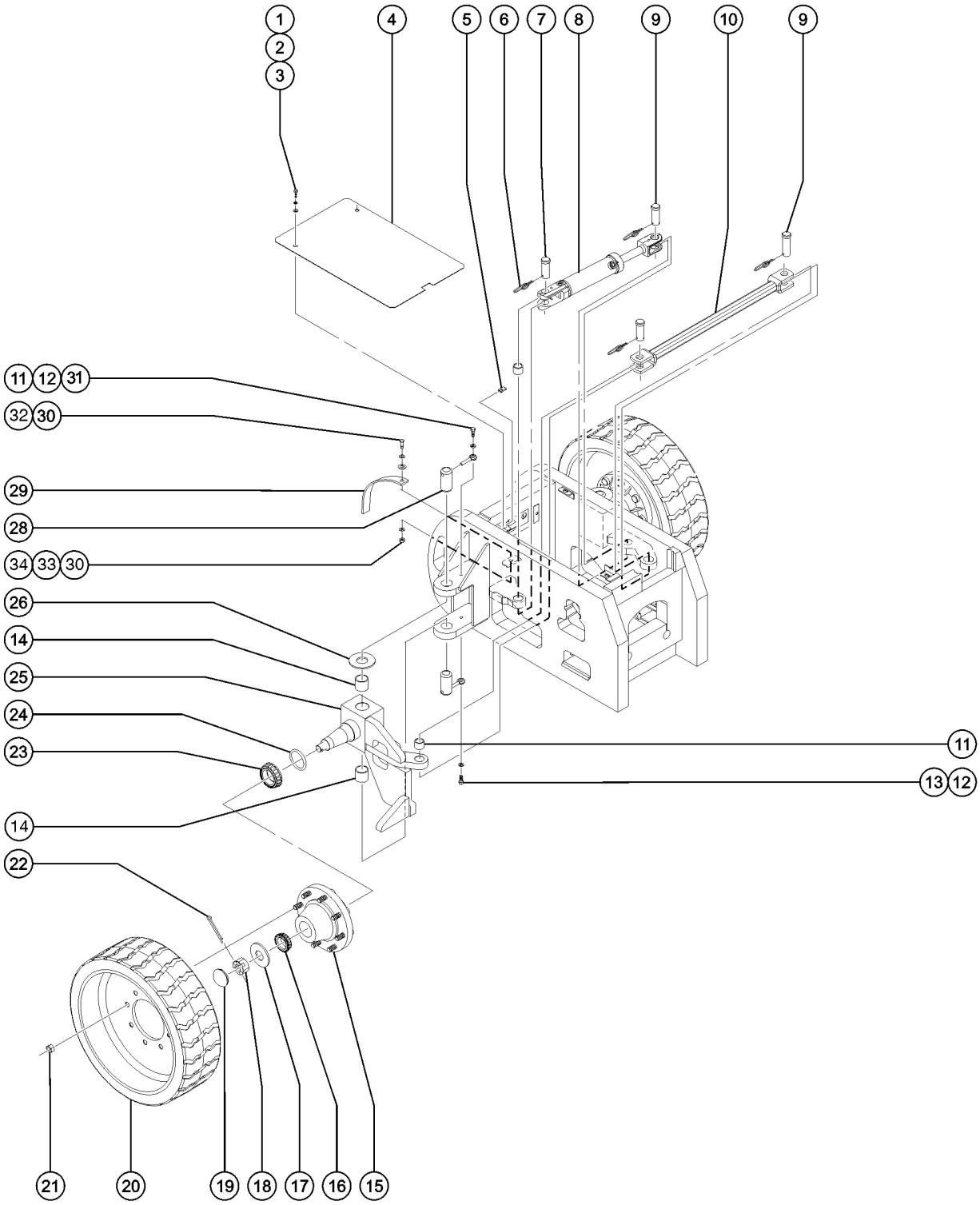
202.1 Steer Axle Linkage, Wheels and Hubs (from SN 5841)



202.1 Steer Axle Linkage, Wheels and Hubs (from SN 5841)

Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	37100GT	COVER W/DECAL DR CHAS STR END*	1
4-	106038GT	FRT COVER ASSY. W/SYM DECALS**	
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
6	74389GT	RUE RING 1.00	4
7	32399GT	PIN,CLEVIS,1 X 3 LG.	
8	88337GT	CYLINDER,STEER	1
8-	88338GT	SEAL KIT, 88337 from SN 6033; verify part number prior to ordering	
8-	48401GT	SEAL KIT,42406,STEER.CYL,TEXAS to SN 6032; verify part number prior to ordering	
9	19440GT	PIN,CLEVIS,1 X 2.5 LG	
10	36163-SGT	TIE ROD,WELDMENT,Z30N**	1
11	25817GT	BEARING,1.00IDX1.25ODX1.00L	4
12	6021GT	WASHER, LOCK, .375	
13	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	
14	45071GT	BEARING,1.5IDX1.75ODX1.5L	
15	45043GT	HUB ASSEMBLY MODEL#60-8*** includes races and items 16, 19, 23 and 24	2
15-	45873GT	SEAL/BEARING KIT (45043,54840) includes races and items 16, 19, 23 and 24	
15-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	
16	45108GT	OUTER CONE - MODEL 60-8 small bearing race not included	2
17	45112GT	WASHER,SPINDLE	2
18	45113GT	NUT,SPINDLE,1-14	2
19	45111GT	CAP,DUST,45873 HUB KIT	2
20	94908GT	TIRE & WHEEL ASSY,FRONT N-M	2
21	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
22	45114GT	PIN,COTTER,.219 X 1.75	
23	45107GT	INNER CONE - MODEL 60-8 large bearing race not included	2

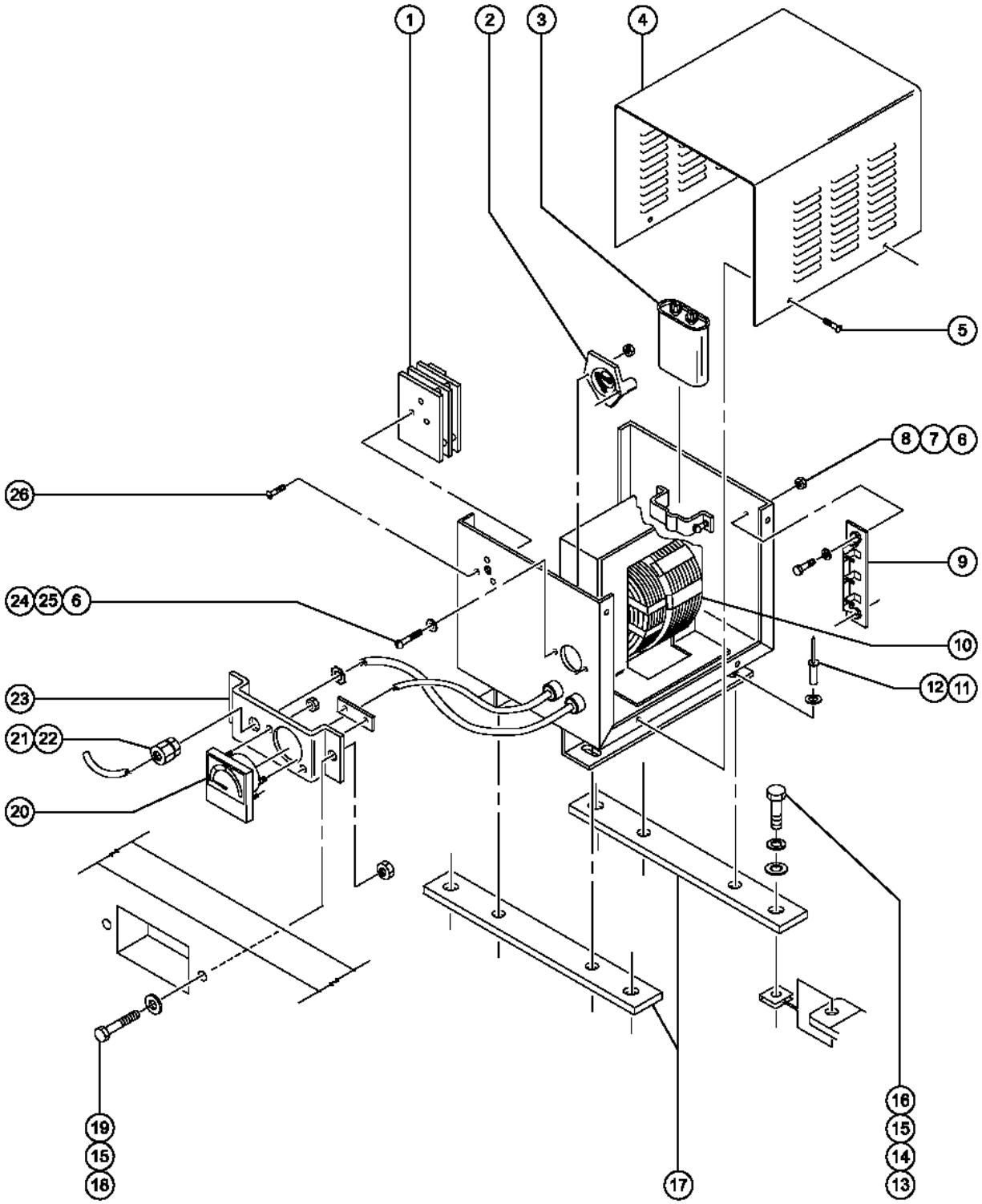
202.1 Steer Axle Linkage, Wheels and Hubs (from SN 5841)



202.1 Steer Axle Linkage, Wheels and Hubs (from SN 5841)

Item	Part No.	Description	Qty.
24	45110GT	SEAL-GREASE,MODEL 60-8	2
25	74312GT	YOKE ASSY,LH,Z30NRJ includes items 11 and 14	1
25-	74313GT	YOKE ASSY,RH,Z30NRJ includes items 11 and 14	
26	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
27	6091GT	NUT, NYLOCK, 1/4-20	
28	36211GT	PIN,1.50DIAX3.25LG,1HOLE	4
29	96317GT	GROUND STRAP,12"LG***	1
30	5397GT	WASHER, FLAT, USS, 5/16-18	
31	825019GT	ROD END, .375X3.69, ZAG	4
32	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
33	6700GT	WASHER, STAR, EXTERNAL, .375	
34	4828GT	NUT, NYLOCK, 3/8-16	

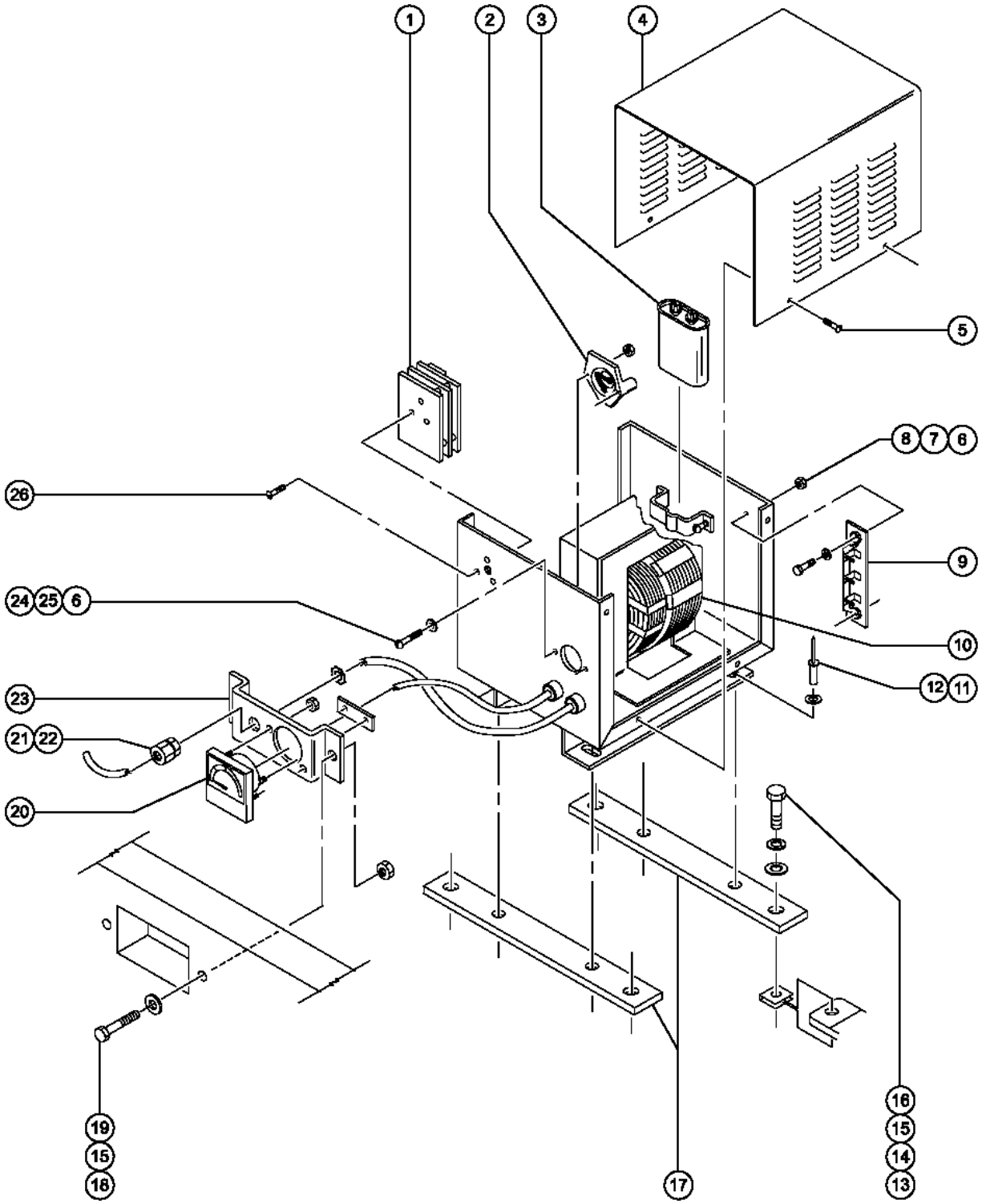
203.1 Battery Charger (to SN 3446)



203.1 Battery Charger (to SN 3446)

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 EE rated models only	
	101703GT	CHARGER,48V,100-125VAC,50H,25A	
	133286GT	DECAL, POWER TO CHARGER, UNIV	
1	27263GT	TIMER (23442)(41896)(36314) for 54794GT	1
1-	18078GT	RELAY,CHARGER TIMER**	
1-	27830GT	TIMER(24059,41897,41898,41899)	
1-	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
10	40398GT	TRNSFRMR(36316 &17)(41898 &99)	1
10-	40523GT	TRANSFORMER,CHARGER36314/41896	
10-	40524GT	TRANSFORMER,CHARGER36315/41897	
11	12037GT	RIVET,STL,STL,P,.25 X .5	
12	56660GT	WASHER,RIVETING	
13	6888GT	SCREW, HHC, 1/4-20 X 1	
14	6356GT	WASHER, LOCK, .25	
15	6638GT	WASHER, FLAT, USS, 1/4"Y	
16	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	

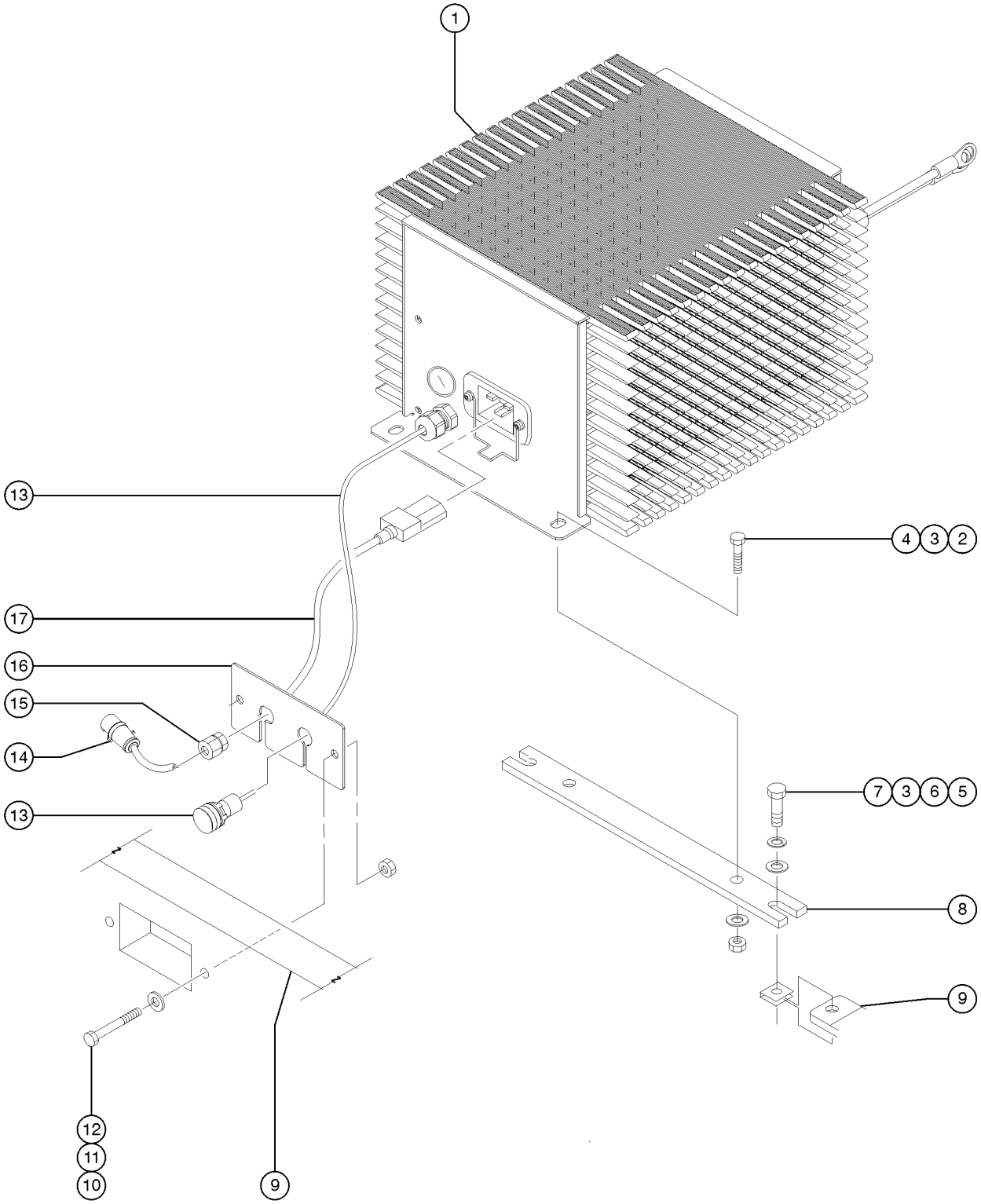
203.1 Battery Charger (to SN 3446)



203.1 Battery Charger (to SN 3446)

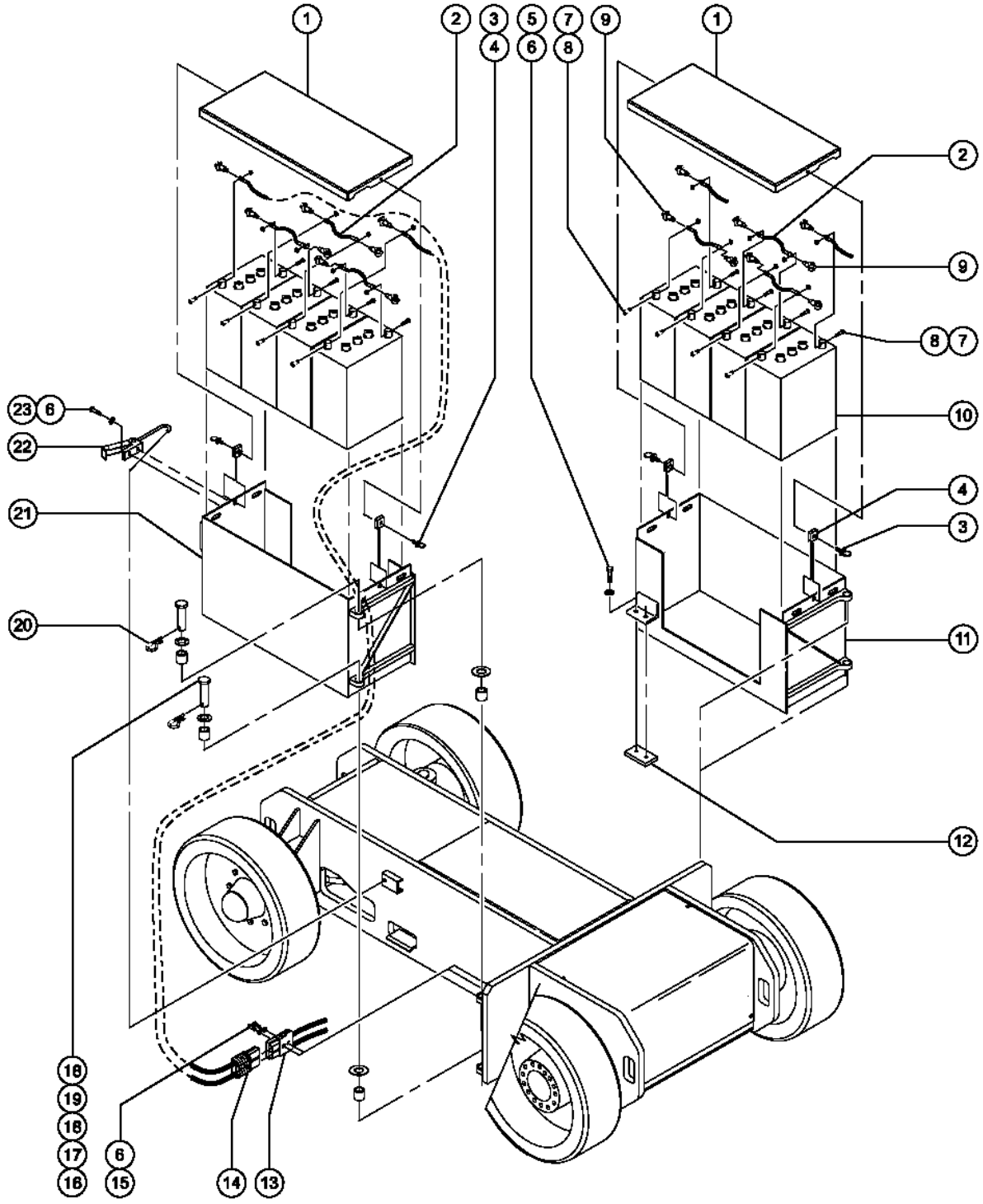
Item	*Part No.*	*Description*	*Qty.*
17	36269GT	PLATE,CHARGER MOUNT	1
18	36294GT	SCREW,HHC,1/4-20 X 2.75	
19	6091GT	NUT, NYLOCK, 1/4-20	
20		AMMETER-BOOM CHARGER no longer available	1
21	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
22	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
23	36313GT	BRACKET,CHARGER GAUGE MOUNTING incorporated into chassis after SN 3368	1
24	40533GT	SCREW,FUSE ASSY,#7 PHMS X .625	
25	40534GT	WASHER,LOCK,#10, CHARGER FUSE	
26	40536GT	SCREW,TIMER,#8 PHMS X.375	

203.2 Battery Charger (from SN 3447)



Item	Part No.	Description	Qty.
A	128993GT	KIT,UNIV CHRGR UPGRADE,SM BOOM Z-30N from SN 3447 to 11944	
B	139858GT	HARN.CHARGER INTERLOCK Z34	
1	128375GT	CHARGER 48V/30A AUTO AC X-LED (includes item 13) (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	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6889GT	NUT,LP NYLOCK,1/4-20	
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	6356GT	WASHER, LOCK, .25	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
8	36673GT	PLATE,CHARGER MOUNT (Z30N)	2
9		Ref. Chassis (refer to section 200)	
10	6326GT	SCREW,HHC,3/8-16 X 3	
11	6097GT	WASHER, FLAT, USS, 3/8", Y	
12	4828GT	NUT, NYLOCK, 3/8-16	
13	228973GT	KIT,ASSY,LED,IES CHARGER	1
14A	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
14B	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
14C	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
15A	128118GT	BUSHING,STRAIN RELIEF,.875/.40 (domestic)	
15B	139318GT	BUSHING,STRAIN RELIEF,.875/.30 (UK)	
16	128825GT	BRACKET, CHARGER CORD AND LED	
17A	128377GT	CORD AC IEC320-C19 TO 110US	
17B	128376GT	CORD EURO AC IEC320-C19PIGTAIL	
17C	128645GT	CORD AC IEC320-C19 TO 220EU	

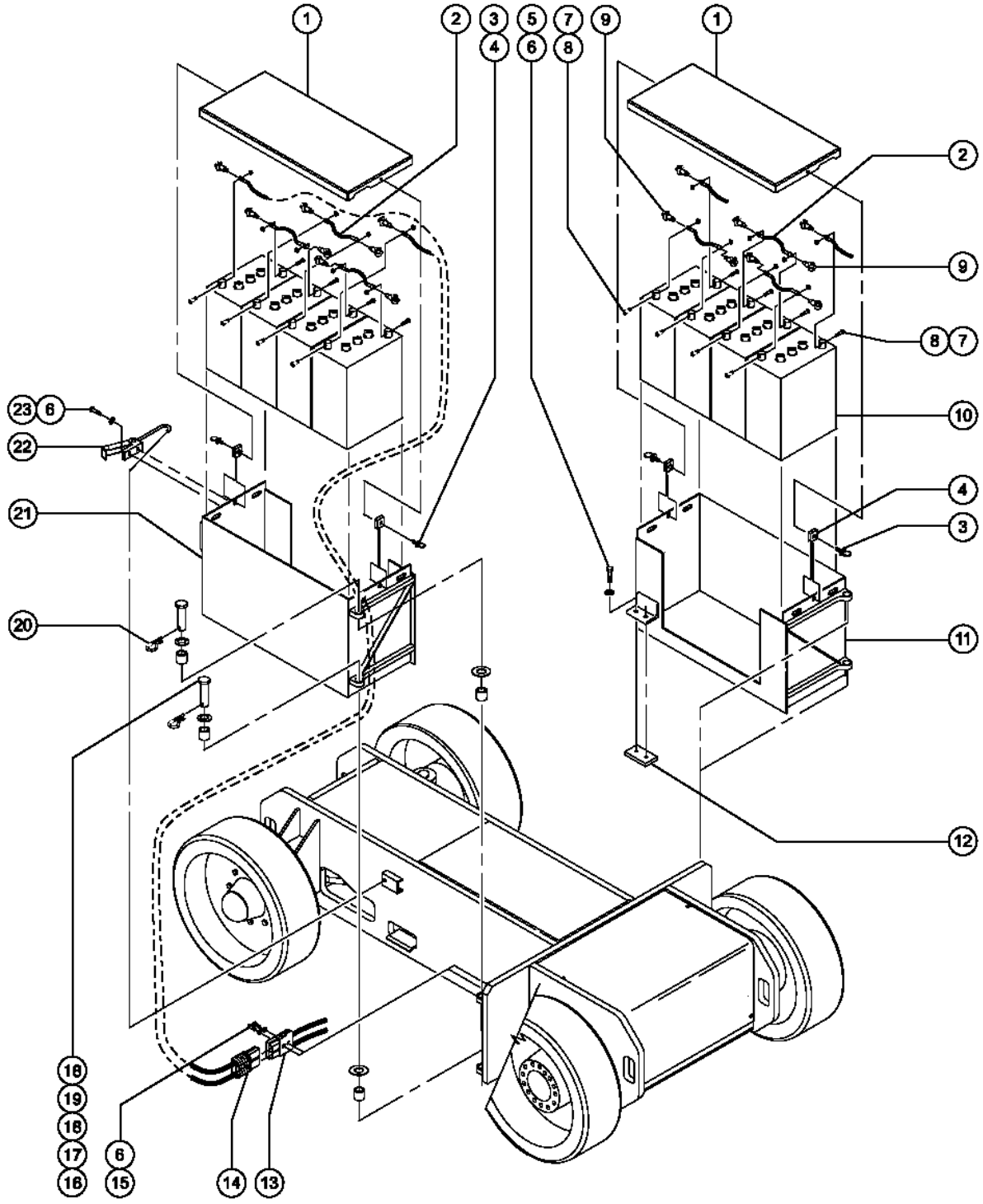
204.1 Battery Packs (to SN 5840)



204.1 Battery Packs (to SN 5840)

Item	Part No.	Description	Qty.
1	37104GT	COVER,BATTERY BOX W/DECALS,30N	2
2	74103GT	CABLE ASSY,#2 BLACK	6
3	36424GT	THUMB SCREW W/SHOULDER 3/8-16	4
4	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
5	6090GT	SCREW, HHC, 1/4-20 X .75	
6	6356GT	WASHER, LOCK, .25	
7	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
8	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
9	8910GT	BOOT,CABLE TERM,MED.RED,4/0	16
10	36579GT	BATTERY, 350AH,GROUP L16G(DRY)	8
11	37103GT	BATTERY BOX ASSY W/DECALS RS includes items 3-6, 12, 18, 22 and 23; to SN 2844	1
11-	45382GT	SHIM,PRIMARY BOOM,.052 THK.	
11-	45465GT	SHIM,PRIMARY BOOM,.022 THICK	
11-	74437GT	BATT.BOX ASSEMBLY,RS,30N includes items 3-6, 12, 18, 22 and 23; from SN 2845	1
12	45209GT	WEAR PAD,4X2X.5 W/INSERT***	2
13	36576GT	POWER CABLE ASSEMBLY,LS-Z30N	1
13-	36577GT	POWER CABLE ASSEMBLY, RS-Z30N*	
13-	128138GT	CONN HOUSING SBX175, BATT	
14	37107GT	BAT.CABLE ASSY,G.C. SIDE,Z34	1
14-	37108GT	BAT.CABLE ASSY,TANK SIDE,Z34	
14-	128138GT	CONN HOUSING SBX175, BATT	
15	6888GT	SCREW, HHC, 1/4-20 X 1	
16	36875GT	PIN,CLEVIS,.75 X 2.25 LG	
17	6563GT	WASHER,SHIM,.75 X 1.125 X.030	
18	36369GT	BEARING,0.75IDX1.00ODX0.75L	
19	36212GT	WASHER,THRUST,.75 X 1.38X.13	
20	21253GT	CLIP, HAIR PIN, .125 X 2	
21	37103GT	BATTERY BOX ASSY W/DECALS RS includes items 3-6, 12,18, 22 and 23; to SN 2844	1

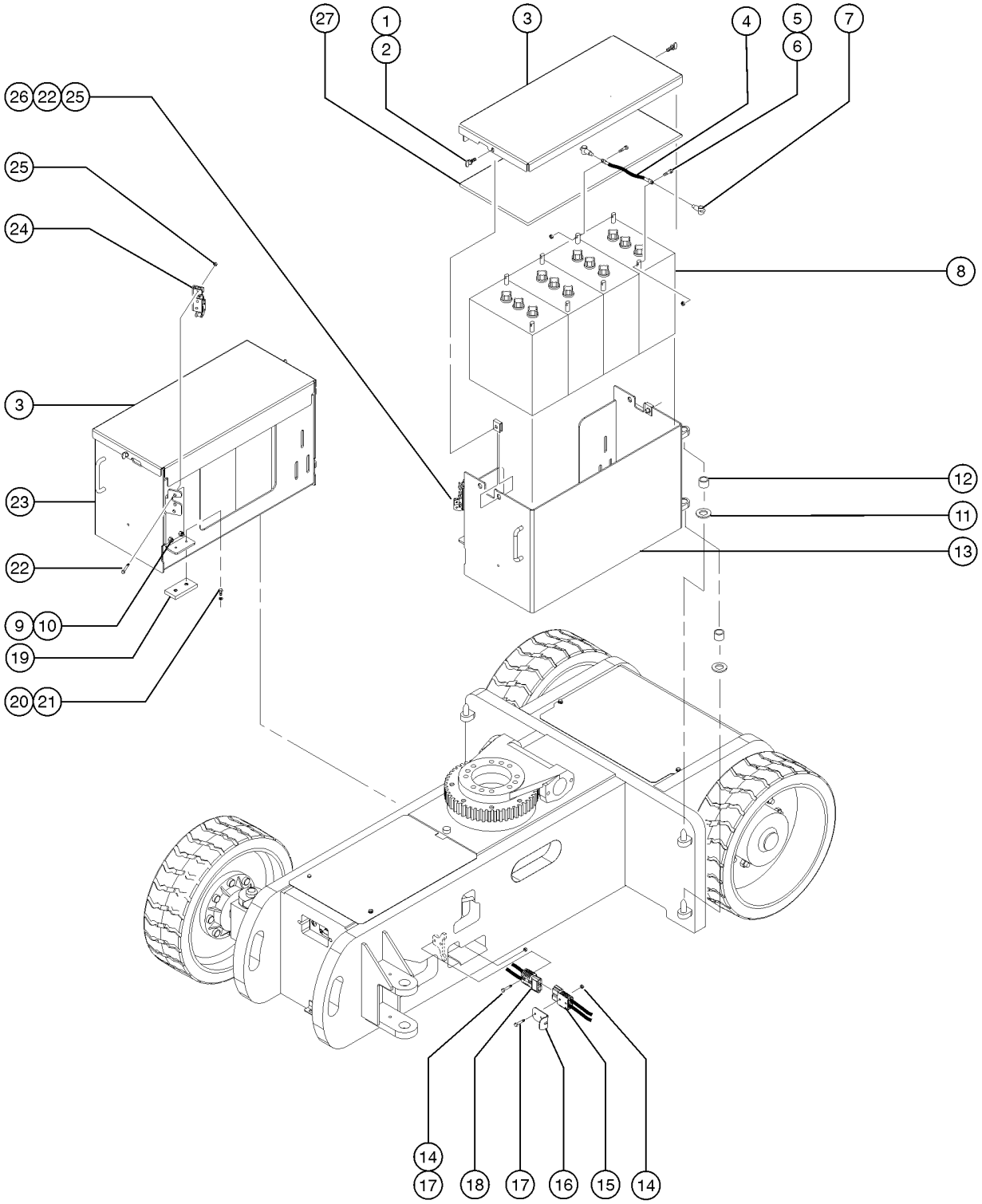
204.1 Battery Packs (to SN 5840)



204.1 Battery Packs (to SN 5840)

Item	*Part No.*	*Description*	*Qty.*
21-	45382GT	SHIM,PRIMARY BOOM,.052 THK.	
21-	45465GT	SHIM,PRIMARY BOOM,.022 THICK	
21-	74436GT	BATT.BOX ASSEMBLY,LS,30N includes items 3-6, 12,18, 22 and 23; from SN 2845	1
22	27126GT	LATCH,DRAW,ADJUSTABLE	2
23	7339GT	SCREW,HHC,1/4-20 X .5	

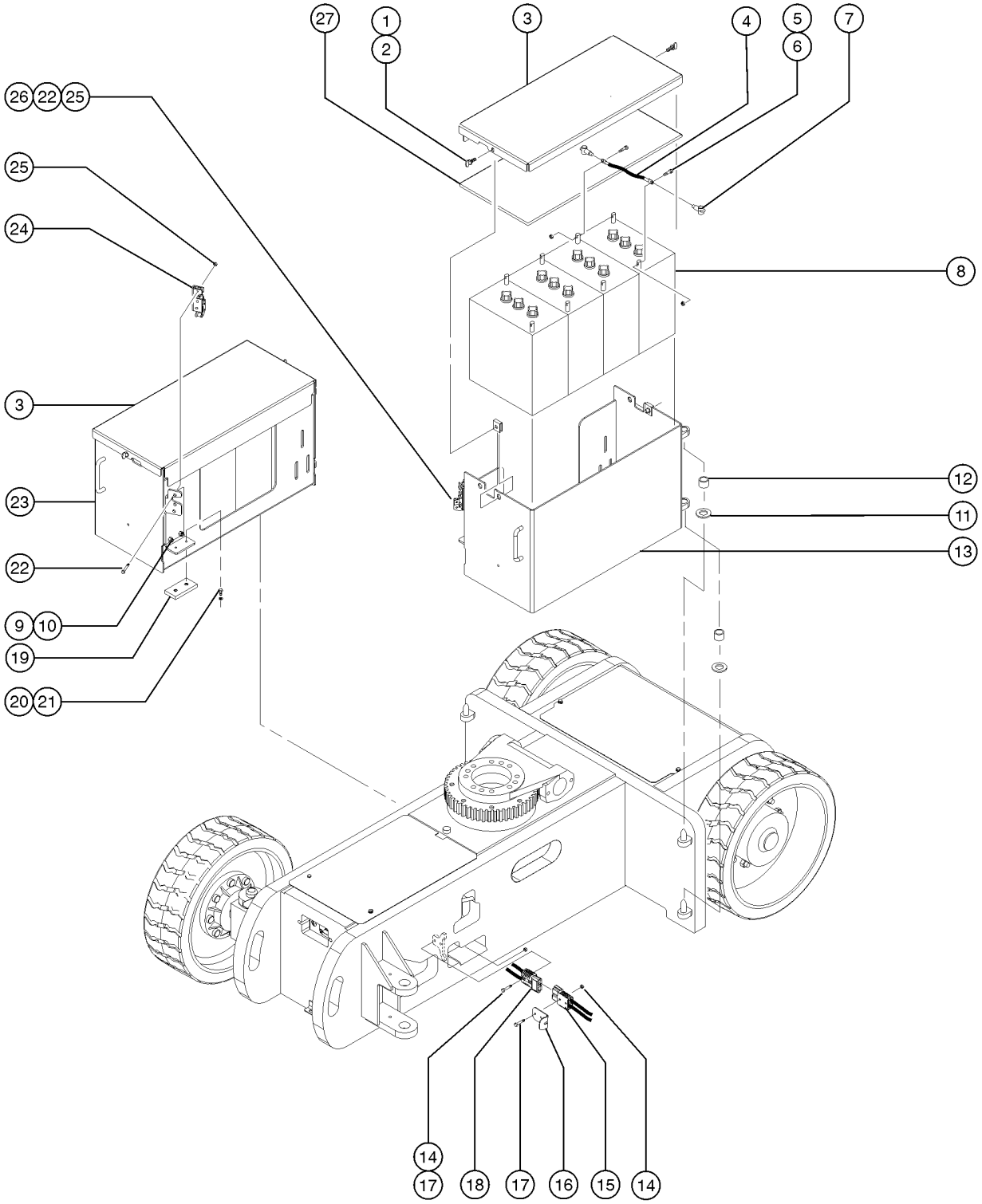
205.1 Battery Packs (from SN 5841)



205.1 Battery Packs (from SN 5841)

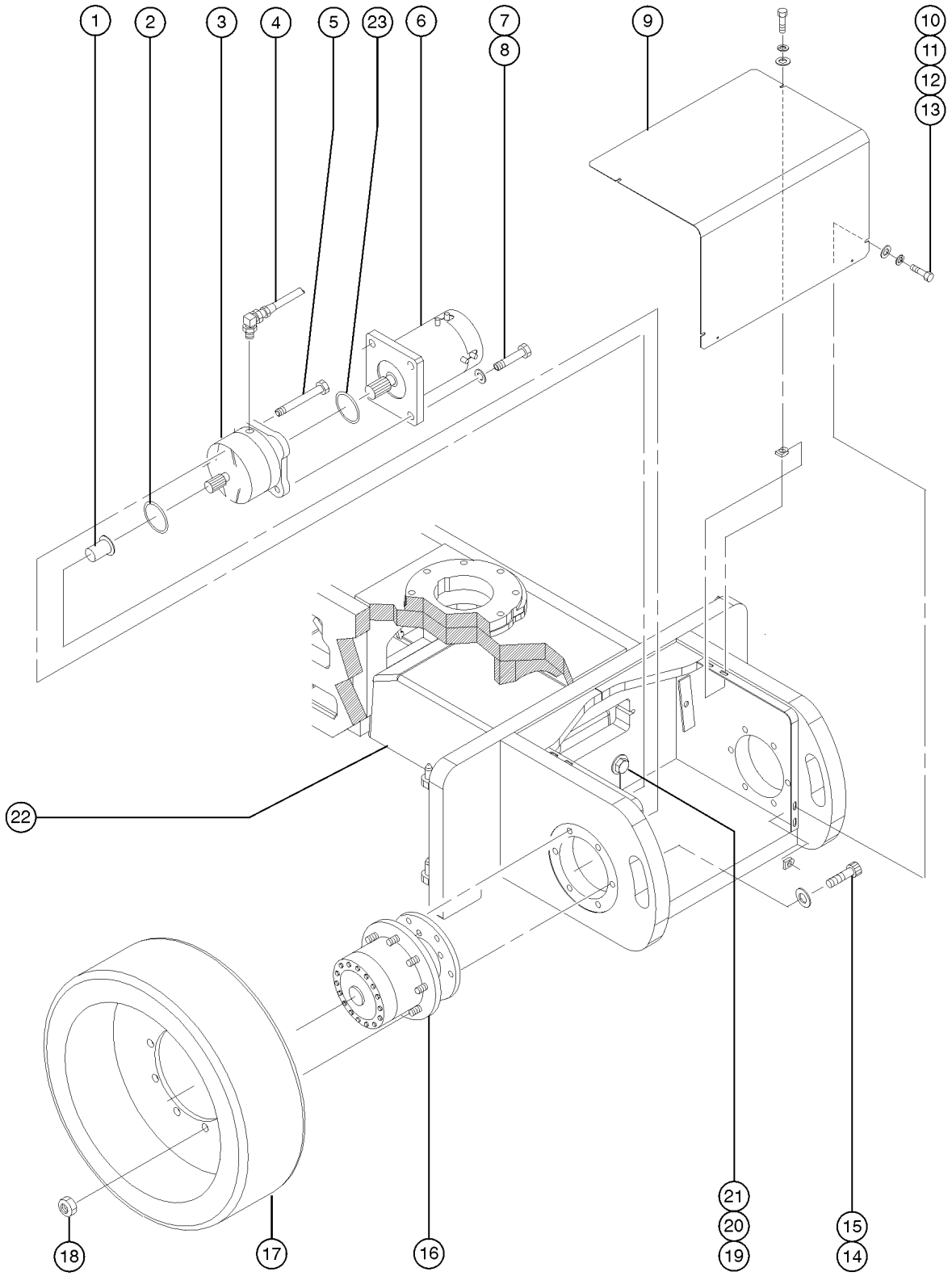
Item	Part No.	Description	Qty.
1	36424GT	THUMB SCREW W/SHOULDER 3/8-16	4
2	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
3	94001GT	LID-BATTERY BOX W/DECALS**	1
3A	106025GT	LID,BATT PACK, W/SYM DECALS**	
3B	823684GT	BATTERY,AGM,6V/390A,L16 models with AGM option from SN 14146	8
4		Ref. Cable Assemby (Refer to 210.1)	
5	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
6	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
7	8910GT	BOOT,CABLE TERM,MED.RED,4/0	16
8	36579GT	BATTERY, 350AH,GROUP L16G(DRY)	8
9	101718GT	BOLT,CARRIAGE,3/8-16 X .75,G2	
10	4828GT	NUT, NYLOCK, 3/8-16	
11	36212GT	WASHER,THRUST,.75 X 1.38X.13	
12	36369GT	BEARING,0.75IDX1.00ODX0.75L	
13A	94003GT	BATTERY BOX ASSY,CONTRL SIDE** (includes items 12, 19-22, 24 and 25) to SN 14848	1
13B	824047GT	BATTERY BOX ASSY,CONTRL SIDE** (includes items 12, 19-22, 24 and 25) from SN 14849	1
14	66094GT	NUT-THIN HEAVY HEX, 1/4-20	
15	94012GT	BATTERY CABLE ASSEMBLY	2
16	74651GT	FORMING,HANDLE BATTERY CONN	2
17	8915GT	SCREW, HHC, 1/4-20 X 1.25	
18	94011GT	BATTERY CABLE ASSEMBLY**	
19	45209GT	WEAR PAD,4X2X.5 W/INSERT***	2
20	6090GT	SCREW, HHC, 1/4-20 X .75	
21	6356GT	WASHER, LOCK, .25	
22	101719GT	SCREW,HHC,5/16-18 X 1.375	
23A	94002GT	BATTERY BOX ASSY,TANK SIDE*** (includes items 12, 19-22, 25 and 26) to SN 14848	1
23B	824046GT	BATTERY BOX ASSY,TANK SIDE DWN (includes items 12, 19-22, 25 and 26) from SN 14849	1
24	66900GT	LATCH,ROTARY, W/KNOB, LEFT installed on RIGHT side of chassis	1

205.1 Battery Packs (from SN 5841)



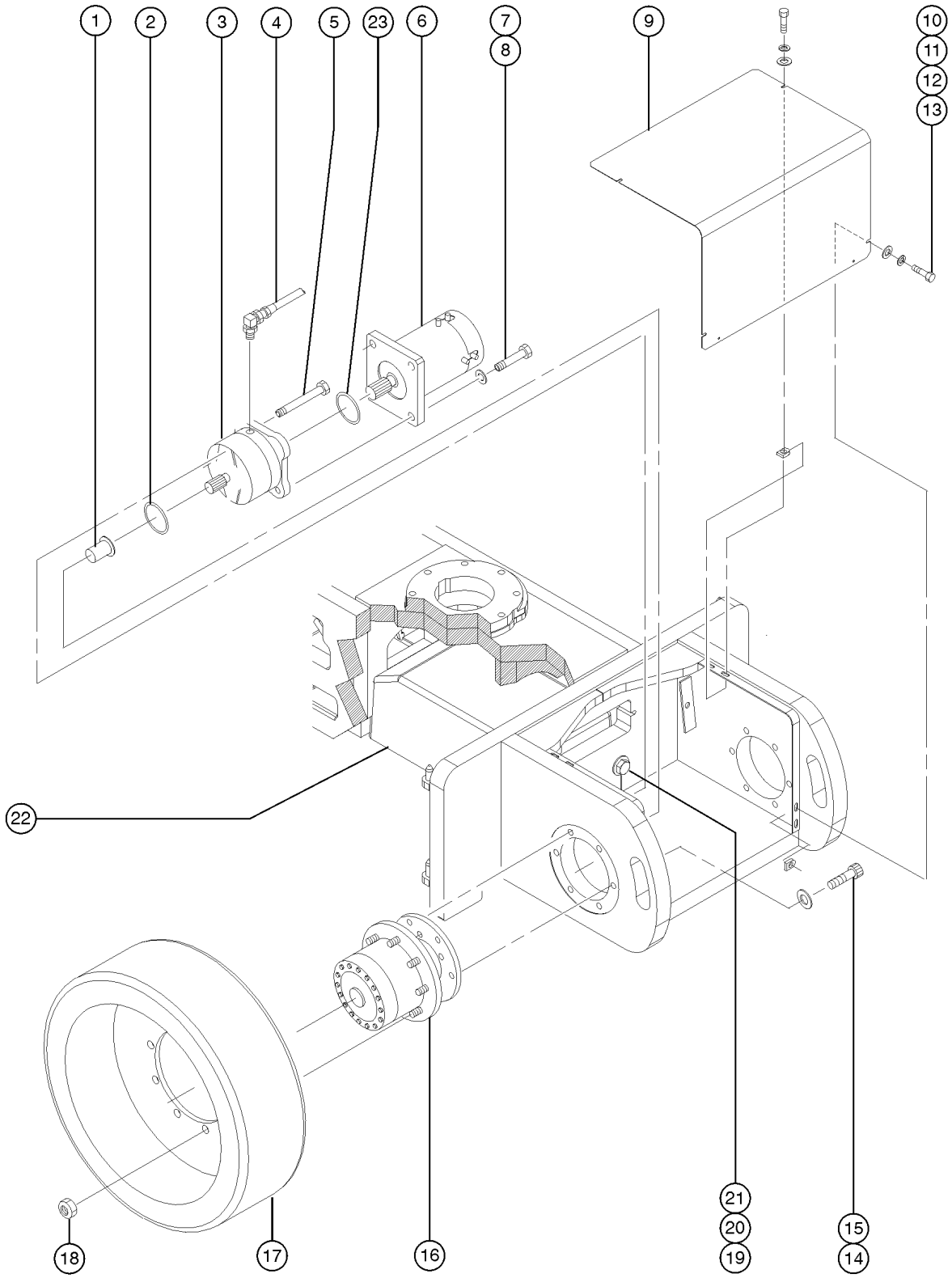
Item	*Part No.*	*Description*	*Qty.*
25	6002GT	NUT, LP NYLOCK, 5/16-18	
26	66901GT	LATCH,ROTARY, W/KNOB,RIGHT installed on LEFT side of chassis	1
27	106241GT	INSULATION,48V BATT.BOX LID models with AGM option from SN 14146	2

206.1 Non-steer Axle



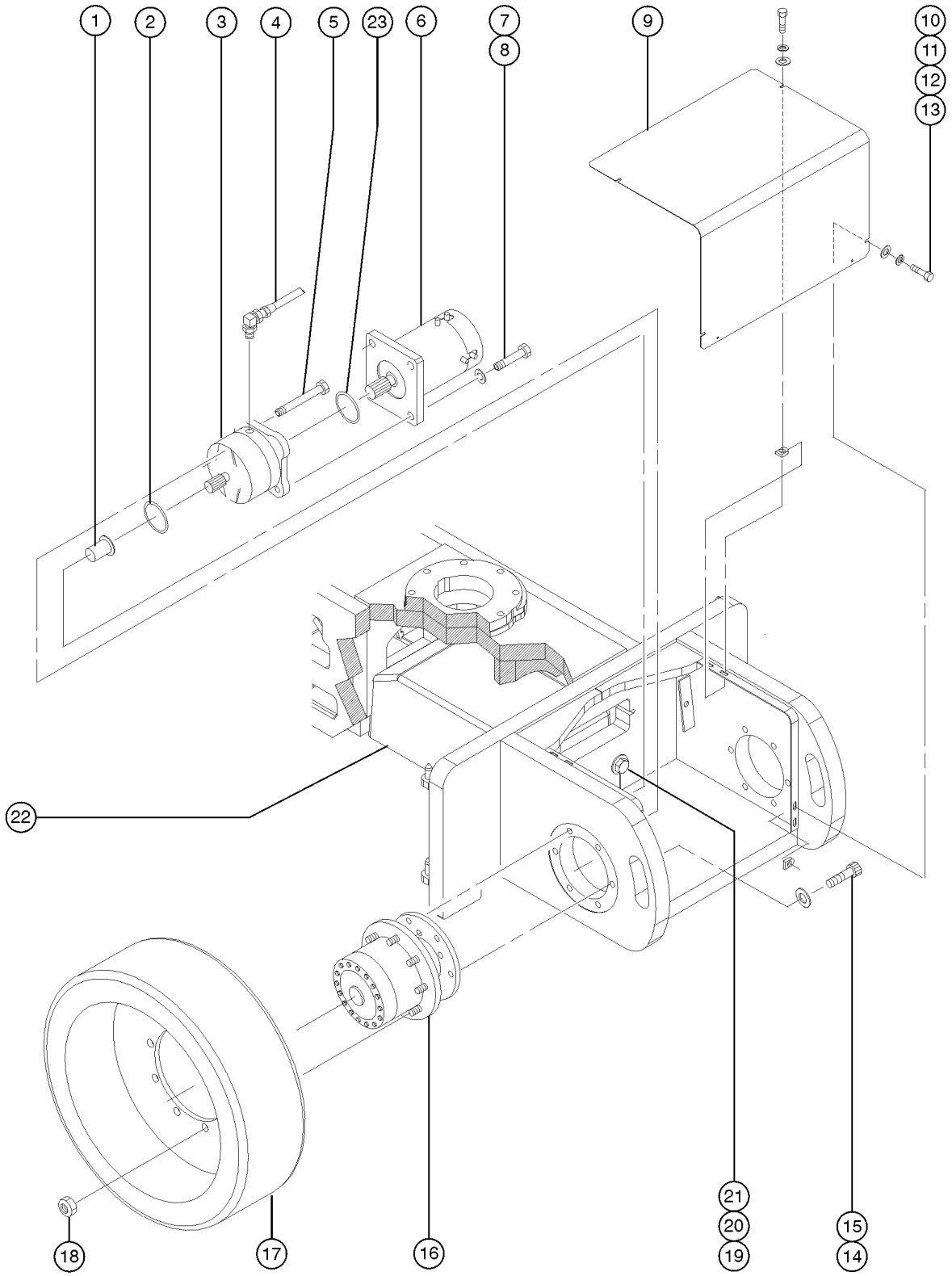
Item	Part No.	Description	Qty.
1	38113GT	COUPLER,INTERNAL SPLINE,T-HUB	2
2	52087GT	O-RING,2-044 BUNA***	2
3A	114319GT	KIT,Z30N BRAKE SERVICE (3) from SN 1932 to 3446	1
3A-	119556GT	BRAKE,MICO DRIVE,Z30N,Z34 ** for use after installation of above listed kit	
3A-	35587GT	SEAL KIT,MICO BRAKE for 119556	
3A-	38114GT	LINING KIT, MICO BRAKE** for 119556	
3A-	38115GT	BEARING KIT, MICO BRAKE for 119556	
3A-	72319GT	SPRING (RED) MICO for 119556	
3A-	38114GT	LINING KIT, MICO BRAKE** for 36259GT brake (no longer available)	
3A-	41921GT	SEAL KIT,BRAKE,MICO for 36259GT brake (no longer available)	
3A-	35587GT	SEAL KIT,MICO BRAKE for 36259 brake (no longer available)	
3A-	38115GT	BEARING KIT, MICO BRAKE for 36259GT brake (no longer available)	
3A-	105352GT	GASKET, BRAKE (VENDOR#78917)	
3B	139351GT	BRAKE, NEMA, 1200 IN/LB from SN 3447; for first-time replacement, order in pairs only	2
3B-	65608GT	BEARING KIT, AUSCO*** for 139351	
3B-	139353GT	STACK KIT, AUSCO 1200 IN/LB for 139351	
3B-	139354GT	O-RING KIT, AUSCO 1200 IN/LB for 139351	
3B-	139355GT	GASKET KIT, AUSCO 1200 IN/LB for 139351	
3B-	65618GT	SEAL KIT,BRAKE*** for 101966GT brake	
3B-	94879GT	LINING KIT*** for 101966GT brake	
3B-	94880GT	BEARING KIT for 101966GT brake; includes shaft seal	
3B-	105352GT	GASKET, BRAKE (VENDOR#78917)	
3C		Other Brake Service Parts	
3C-	83022GT	SEAL KIT, 54861 for Ausco brake 54861; used from SN 5054 to 6630	
3C-	52833GT	LINING KIT-AUSCO BRK (56272)** for Ausco brake 54861; used from SN 5054 to 6630	
3C-	52900GT	BEARING KIT-AUSCO(56272)*** for Ausco brake 54861; used from SN 5054 to 6630	
3C-	52898GT	SEAL KIT-AUSCO BRAKE(56272)*** for Ausco brake 56014; used from SN 3875 to 5053	
3C-	52899GT	LINING KIT-AUSCO for Ausco brake 56014; used from SN 3875 to 5053	

206.1 Non-steer Axle



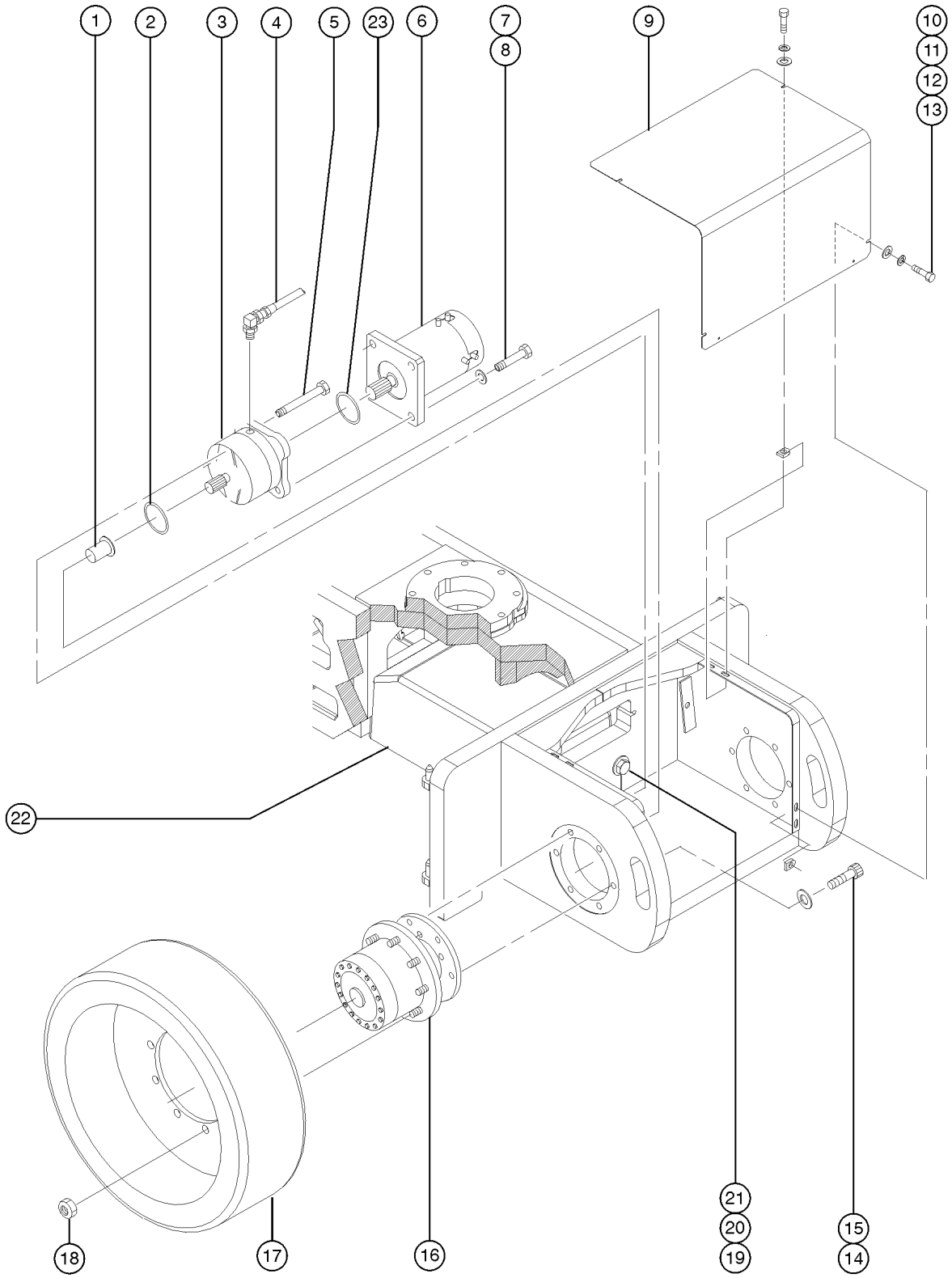
Item	Part No.	Description	Qty.
3C-	52900GT	BEARING KIT-AUSCO(56272)*** for Ausco brake 56014; used from SN 3875 to 5053	
4		Ref. Hydraulic Hoses and Fittings (refer to 801.1)	
5	74137GT	SCREW,SHC,1/2-13 X 3.25	4
5-	50576GT	SCREW,SHC,1/2-13 X 3.00	
6A	36443GT	MOTOR,TRACTION,D.C.** from SN 1932 to 3446	2
6A-	36658GT	BRUSH HOLDER	
6A-	37188GT	BRUSH, MOTOR	
6A-	37189GT	SPRING, BRUSH RETAINER, 36182*	
6A-	44778GT	BEARING,MOTOR,36843,BRUSH END*	
6B	56831GT	MOTOR, DRIVE, SEPEX	2
6B-	72078GT	BRUSH BOX ASSY	1
6B-	37190GT	BEARING, MOTOR	2
6B-	65872GT	BRUSH LEAD ASSEMBLY KIT(56831)	1
6B-	T108887GT	SPRING, BRUSH	
7	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
8	6021GT	WASHER, LOCK, .375	
9A	40169GT	COVER W/DECALS NON-STEER 23" to SN 11445	1
9B	106039GT	REAR CVR ASSY. W/SYM DECALS to SN 11445	
9C	128732GT	COVER, DRIVE CHASSIS,Z30N (decals not included, refer to section 100) from SN 11446	
10	6888GT	SCREW, HHC, 1/4-20 X 1	
11	6356GT	WASHER, LOCK, .25	
12	6638GT	WASHER, FLAT, USS, 1/4"Y	
13	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
14	45495GT	SCREW,SHC,5/8-11 X 3.00,A574	12
15	56911GT	WASHER,FLAT,.688X1.160X.09	12
16A	36260GT	TORQUE HUB 49:1** to SN 2962; Verify part number and ratio before ordering	2
16A-	21143GT	BEARING KIT (45553) TORQUE HUB to SN 2962; Verify part number and ratio before ordering	
16A-	1286606GT	SEAL KIT,TORQUE HUB (20193)	

206.1 Non-steer Axle



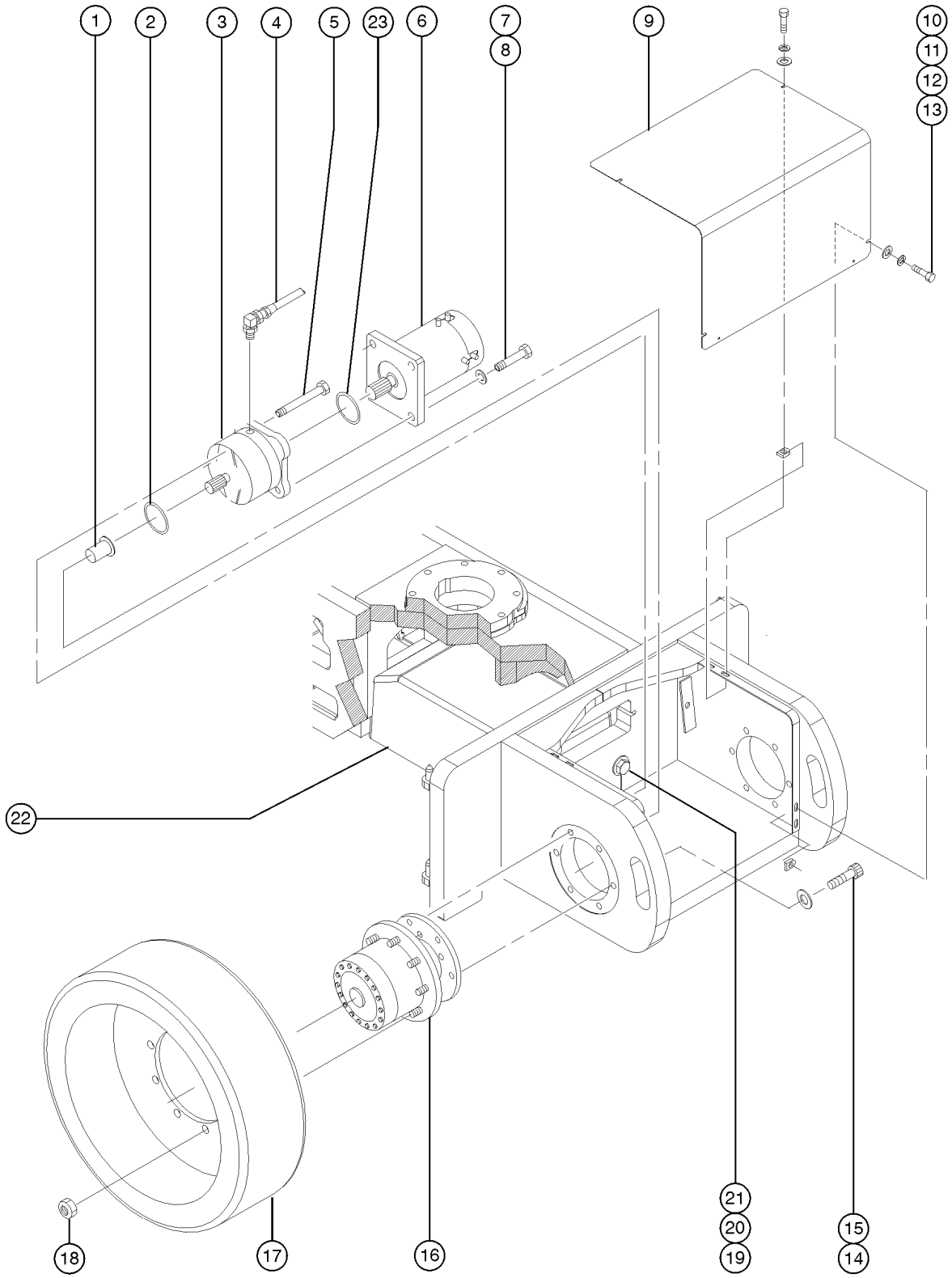
Item	Part No.	Description	Qty.
16A-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB to SN 2962; Verify part number and ratio before ordering	
16A-	21146GT	COVER CAP,TORQUE HUB*** to SN 2962; Verify part number and ratio before ordering	
16A-	21145GT	DISCONNECT ROD-45553 TQ.HUB to SN 2962; Verify part number and ratio before ordering	
16A-	58448GT	KIT,TORQUE HUB COVER (45553)** to SN 2962; Verify part number and ratio before ordering	
16A-	21148GT	WASHER,THRUST,TORQUE HUB to SN 2962; Verify part number and ratio before ordering	
16A-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** to SN 2962; Verify part number and ratio before ordering	
16A-	37097GT	O-RING, TORQUE HUB to SN 2962; Verify part number and ratio before ordering	
16B	56338GT	TORQUE HUB,47:1 W1 "B" MOUNT** From SN 2963 to SN 3446; Verify Hub part number and ratio before ordering	2
16B-	21143GT	BEARING KIT (45553) TORQUE HUB From SN 2963 to SN 3446; Verify Hub part number and ratio before ordering	
16B-	1286606GT	SEAL KIT,TORQUE HUB (20193)	
16B-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB From SN 2963 to SN 3446; Verify Hub part number and ratio before ordering	
16B-	74098GT	COVER-CAP, TORQUEHUB(56338) From SN 2963 to SN 3446; Verify Hub part number and ratio before ordering	
16B-	74099GT	DISCONNECT ROD (56338) From SN 2963 to SN 3446; Verify Hub part number and ratio before ordering	
16B-	58448GT	KIT,TORQUE HUB COVER (45553)** From SN 2963 to SN 3446; Verify Hub part number and ratio before ordering	
16B-	21148GT	WASHER,THRUST,TORQUE HUB From SN 2963 to SN 3446; Verify Hub part number and ratio before ordering	
16B-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** From SN 2963 to SN 3446; Verify Hub part number and ratio before ordering	
16B-	37097GT	O-RING, TORQUE HUB From SN 2963 to SN 3446; Verify Hub part number and ratio before ordering	
16C	20193GT	TORQUE HUB,35:1*** Option; from SN 2963 to SN 3446; Verify Hub part number and ratio before ordering (Seal Kit 1286606, Bearing Kit 1286607)	2
16C-	21143GT	BEARING KIT (45553) TORQUE HUB for 20193 (inventory limited to stock on hand as component is no longer available)	
16C-	1286607GT	BEARING KIT,TORQUE HUB (20193) for 20193	
16C-	1286606GT	SEAL KIT,TORQUE HUB (20193)	
16C-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 20193	
16C-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB for 20193	
16C-	21146GT	COVER CAP,TORQUE HUB*** for 20193	
16C-	21145GT	DISCONNECT ROD-45553 TQ.HUB for 20193	
16C-	21148GT	WASHER,THRUST,TORQUE HUB for 20193	
16C-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** for 20193	
16C-	37097GT	O-RING, TORQUE HUB for 20193	

206.1 Non-steer Axle



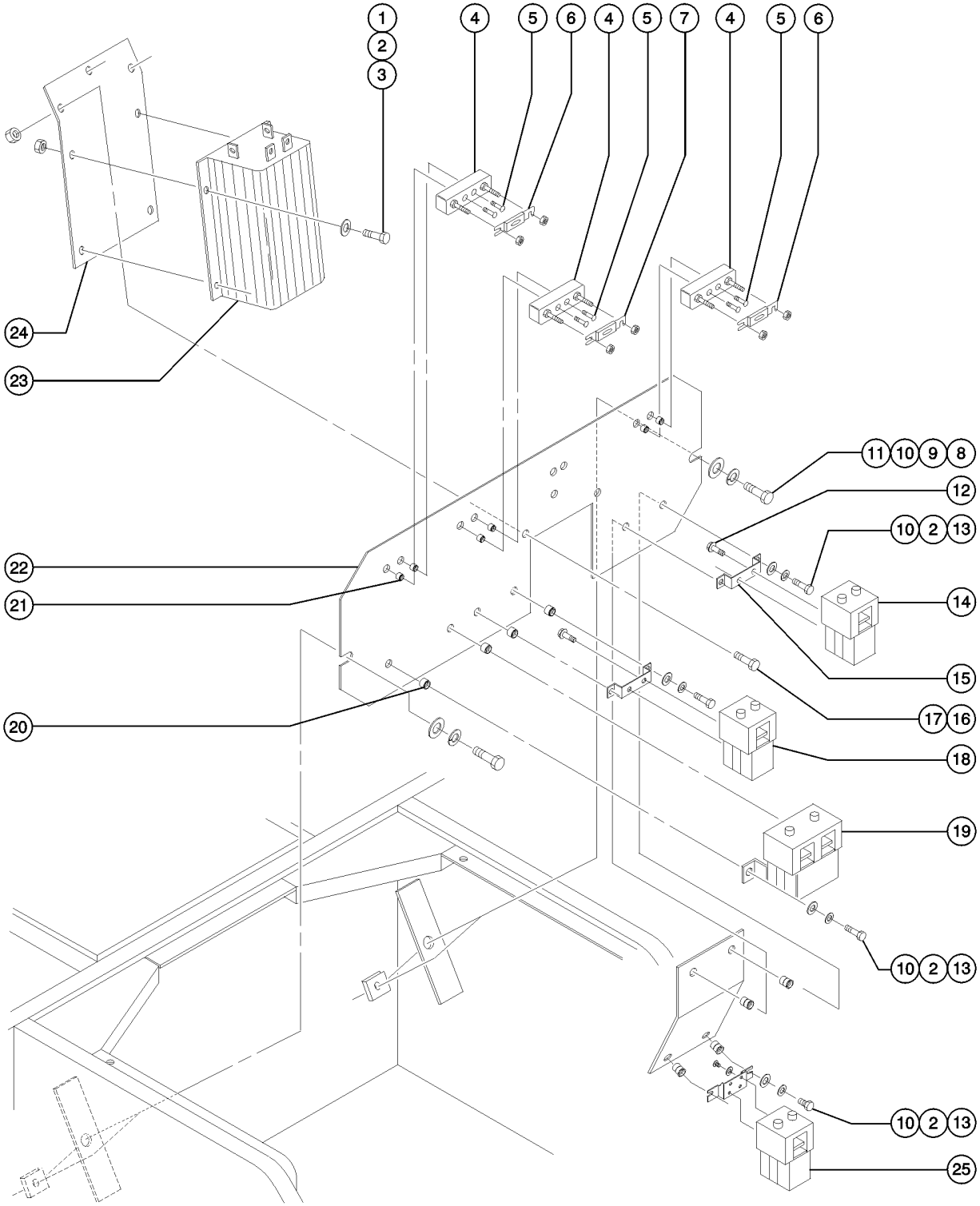
Item	Part No.	Description	Qty.
16C-	58438GT	KIT,COVER,TORQUE HUB,45553*** for 20193	
16C-	58589GT	THRUST CAP (20193) for 20193	
16D		WHEEL DRIVE 62.5:1***(56828) component no longer available; from SN 3446 to SN 6560	2
16D-	62300GT	BEARING KIT (56828) For 56828GT; from SN 3446 to SN 6560. Verify Hub part number and ratio before ordering	
16D-	65824GT	SEAL KIT*** For 56828GT; from SN 3446 to SN 6560. Verify Hub part number and ratio before ordering	
16D-	74440GT	ACTUATOR-DISC. ROD (56828) For 56828GT; from SN 3446 to SN 6560. Verify Hub part number and ratio before ordering	
16D-	74439GT	COVER,DISCONNECT ROD* For 56828GT; from SN 3446 to SN 6560. Verify Hub part number and ratio before ordering	
16D-	74441GT	DISCONNECT ROD (56828) For 56828GT; from SN 3446 to SN 6560. Verify Hub part number and ratio before ordering	
16D-	89323GT	COVER, DRIVE HUB For 56828GT; from SN 3446 to SN 6560. Verify Hub part number and ratio before ordering	
16D-	74442GT	STUD-WHEEL,5/8-18 (56828)*** For 56828GT; from SN 3446 to SN 6560. Verify Hub part number and ratio before ordering	
16D-	74443GT	O-RING, COVER 190X3MM (56828) For 56828GT; from SN 3446 to SN 6560. Verify Hub part number and ratio before ordering	
16E	94911GT	WHEEL DRIVE,EW1,61:1*** from SN 6561 to SN 7039. Verify Hub part number and ratio before ordering	2
16E-	74714GT	BEARING KIT-74097 TORQUE HUB** for 94911 (from SN 6561 to 7039) (inventory limited to stock on hand as component is no longer available), replace by 1286601GT	
16E-	1286601GT	BEARING KIT,WHEEL DRIVE (106148/106445/107712) for 94911	
16E-	72307GT	SEAL KIT, TORQUE HUB(74097)* for 94911	
16F	106445GT	WHEEL DRIVE,4HB,57:1*** from SN 7040. Check serial number on torque hub cap before replacing, both drive hubs have to be the same or damage may occur due to differing gear ratios. (Seal Kit 1286600, Bearing Kit 1286601)	2
16F-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) from SN 7040. for 106445 (inventory limited to stock on hand as component is no longer available)	
	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) from SN 7040. for 106445	
16F-	74714GT	BEARING KIT-74097 TORQUE HUB** from SN 7040. for 106445 (inventory limited to stock on hand as component is no longer available), replace by 1286601GT	
16F-	1286601GT	BEARING KIT,WHEEL DRIVE (106148/106445/107712)	
16F-	232486GT	SNAP RING,WHEEL DRIVE from SN 7040. for 106445	
16F-	106123GT	O-RING,END COVER,4HP/4HB*** from SN 7040. for 106445	
16F-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** from SN 7040. for 106445	
16F-	106122GT	CAP,DISENGAGE,4HP/4HB*** from SN 7040. for 106445	
16F-	106121GT	ROD,DISCONNECT 4HP/4HB*** from SN 7040. for 106445	
17	94909GT	TIRE & WHEEL ASSY,REAR N-M non-marking	
17	56454GT	TIRE/WHEEL.ASSY,REAR TREADED**	

206.1 Non-steer Axle



Item	Part No.	Description	Qty.
18	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
19	35496GT	SCREW,HHC,1-8 X 30 GRD.2	
20	13775GT	WASHER,FLAT,1.063 X 2 X .134	
21	29764GT	NUT,NYLOCK,1-8	
22	36612GT	COUNTERWEIGHT,CAST,645 LBS.***	1
23A	22811GT	O-RING,MOTOR TO BRAKE*** (Mico brake, 36259)	
23B	52087GT	O-RING,2-044 BUNA*** (Mike brake, 119556)	

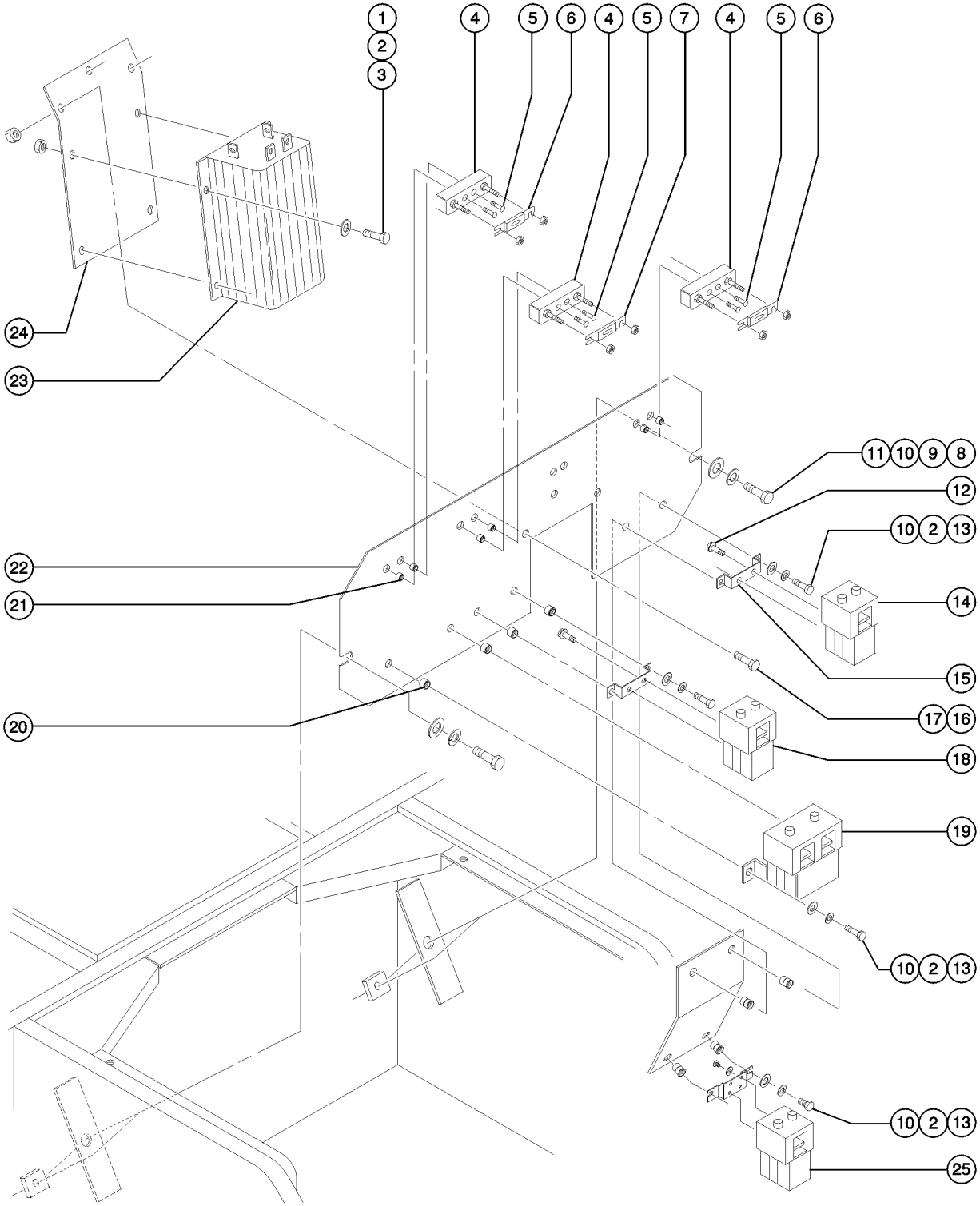
207.1 Electronic Control Module (to SN 3446)



207.1 Electronic Control Module (to SN 3446)

Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER, LOCK, .25	
3	6091GT	NUT, NYLOCK, 1/4-20	
4	74446GT	FUSE HOLDER ASSEMBLY	3
4-	6782GT	NUT, NYLOCK, 5/16-18	
4-	66717GT	FUSE BLOCK, ANN & ANL FUSE	
4-	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	17626GT	SCREW,FHM,10-32 X .75	
6	36355GT	FUSE,100 AMP,VERY FAST ACTING	1
7	43179GT	FUSE,500 AMP,VERY FAST ACTING	1
8	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
9	6886GT	WASHER,LOCK,.313	
10	5397GT	WASHER, FLAT, USS, 5/16-18	
11	36456GT	SPRING CLIP,5/16-18,.025-.15X.83,ZAG	
12	19816GT	M4 X 0.7 X 8MM RHMS	
13	7339GT	SCREW,HHC,1/4-20 X .5	
14	1270457GT	CONTACTOR, DRIVE, 24V, 180A UNBRANDED	1
14-	62695GT	CONTACT,STATIONARY (56434)**	
14-	62696GT	CONTACT-MOVEABLE (56434)**	
14-	74471GT	SPRING,RETURN (74266)	
15	19815GT	BRACKET, RELAY MOUNTING	1
16	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	
17	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
18	1270456GT	CONTACTOR,DRIVE,24V,180A (W/logo) Replaces 74267GT	
19	23417GT	CONTACTOR,2X SPDT,24V/DC	1
19-	23845GT	SPRING,RETURN	
19-	49871GT	STATIONARY CONTACT (23417)	
19-	27419GT	CONTACT,MOVING (SW181 & SW182)	

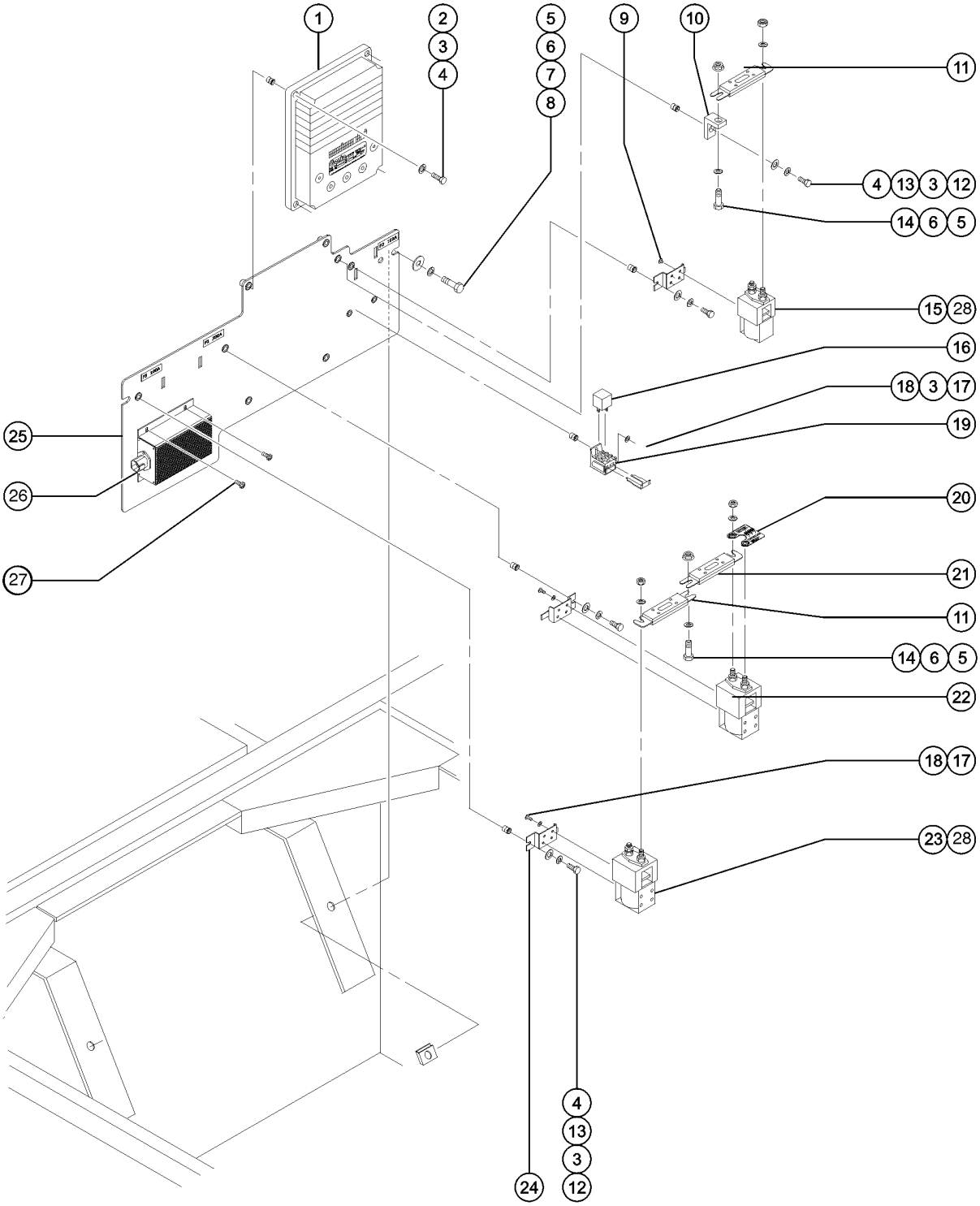
207.1 Electronic Control Module (to SN 3446)



207.1 Electronic Control Module (to SN 3446)

Item	*Part No.*	*Description*	*Qty.*
20	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
21	23405GT	NUTSERT,10-32 STEEL CAD PLTD	
22	62297GT	Relay Panel Assembly	1
23	23314GT	CONTROLL.36V/48V,DC MTR.SPD	1
24	36268PGT	PLATE,POWER SUPPLY MOUNT BLUE	1
25	74268GT	CONTACTOR,AUX PUMP 24V,80A***	1
25-	22263GT	CONTACT,STATIONARY,19549RELAY*	
25-	22262GT	CONTACT,MOVING,19549RELAY*	
25-	74495GT	SPRING, RETURN (FOR 74268)	

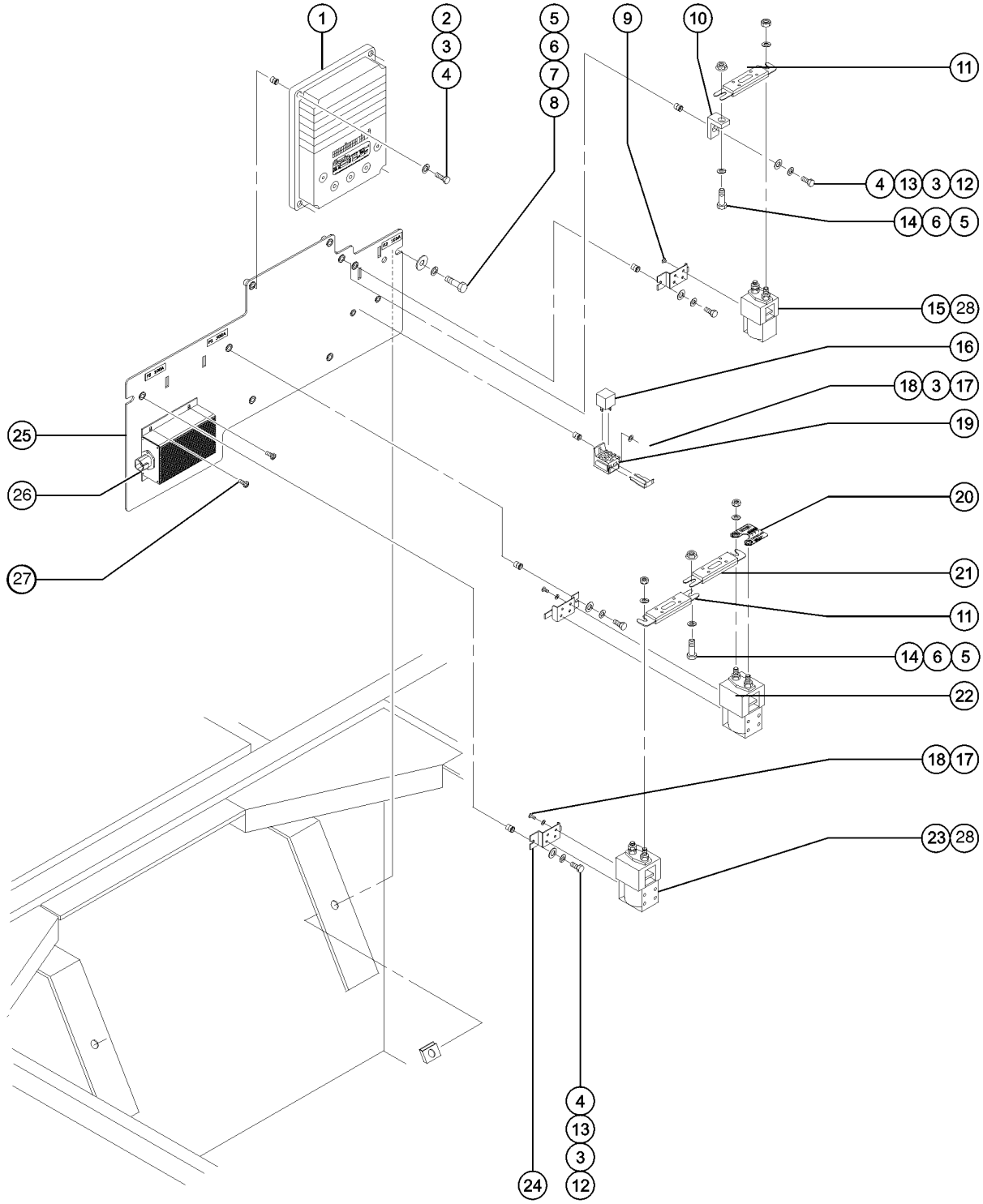
208.1 Electronic Control Module (from SN 3447)



208.1 Electronic Control Module (from SN 3447)

Item	Part No.	Description	Qty.
1A	T114858GT	CONTROLLER,SEP-EX Z30N,AMD for models with AMD drive motors; SN 3447 to 6812	
1B	128334GT	CONTROLLER,SEP-EX Z30N,GE for models with GE drive motors; SN 6813 to 12304	1
1C	T114858GT	CONTROLLER,SEP-EX Z30N,AMD from SN 12305	
1-	56562GT	TOOL,TERMINAL EXTRACTOR,MOLEX	
1-	56561GT	TOOL,TERMINAL CRIMPER,MOLEX***	
1-	56030GT	TERMINAL,MOLEX 16 GAUGE***	
1-	56029GT	CONNECTOR,MOLEX 24-WAY**	
2	6888GT	SCREW, HHC, 1/4-20 X 1	
3	6356GT	WASHER, LOCK, .25	
4	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
5	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
6	6886GT	WASHER,LOCK,.313	
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8	36456GT	SPRING CLIP,5/16-18,.025-.15X.83,ZAG	
9	22542GT	M4 X 5 PHILLIPS (CHEESEHEAD)	
10	56281GT	ANGLE,FUSE MOUNT	1
11	36355GT	FUSE,100 AMP,VERY FAST ACTING	2
12	6090GT	SCREW, HHC, 1/4-20 X .75	
13	6638GT	WASHER, FLAT, USS, 1/4"Y	
14	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
15A	74268GT	CONTACTOR,AUX PUMP 24V,80A***	1
15-	22263GT	CONTACT,STATIONARY,19549RELAY*	
15-	22262GT	CONTACT,MOVING,19549RELAY*	
15-	23844GT	SPRING,RETURN,19549 CONTACTOR	
15-	74495GT	SPRING, RETURN (FOR 74268)	
15B	1270457GT	CONTACTOR, DRIVE, 24V, 180A UNBRANDED	
16	823226GT	POWER RELAY, 24V COIL (for drive light option)	1
17	49818GT	SCREW,PHILLIPS,PHM,10-32 X .38	

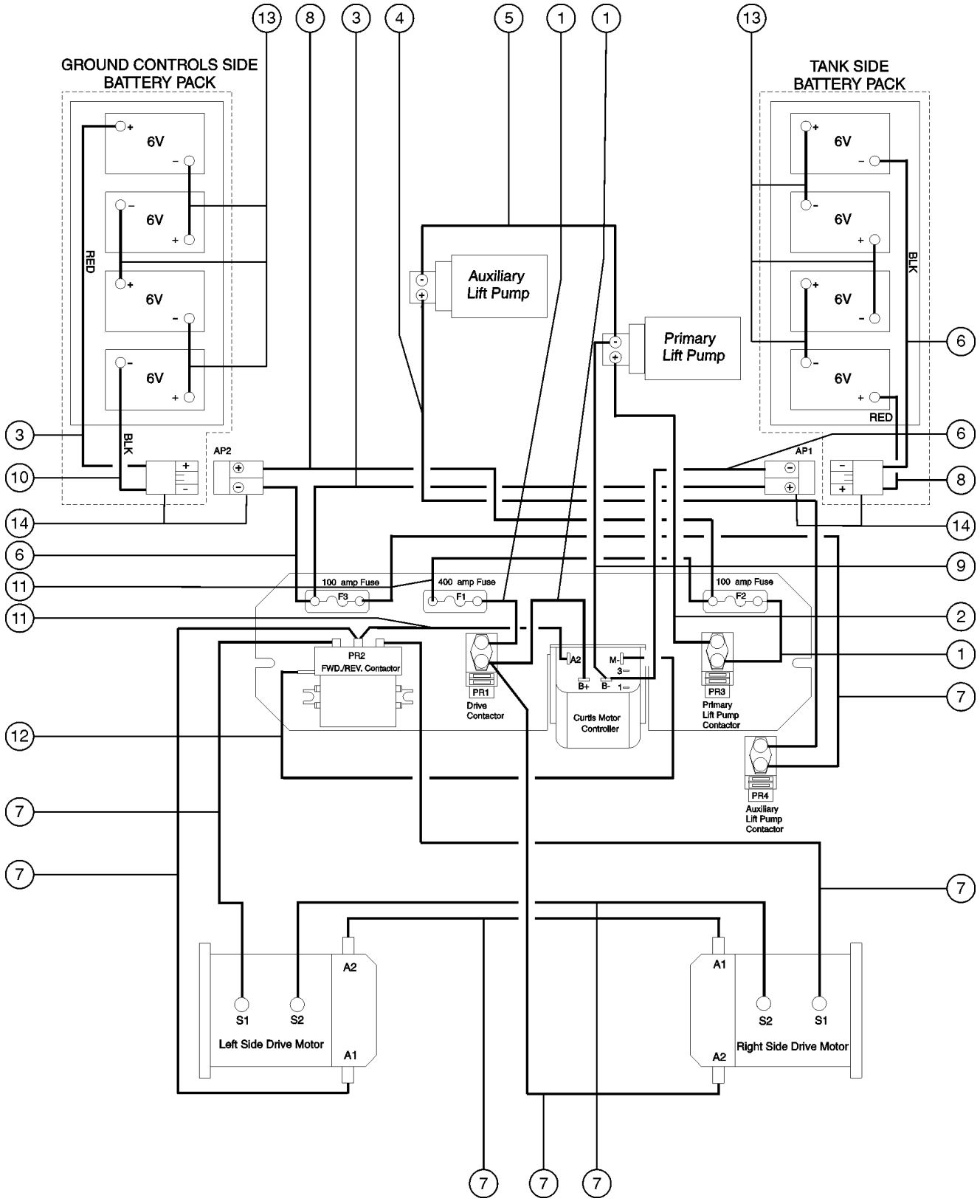
208.1 Electronic Control Module (from SN 3447)



208.1 Electronic Control Module (from SN 3447)

Item	Part No.	Description	Qty.
18	23405GT	NUTSERT,10-32 STEEL CAD PLTD	
19	61226GT	RELAY SOCKET,70AMP	1
20	56930GT	DIODE,PCB DRIVE CONTACTOR**	1
21	43179GT	FUSE,500 AMP,VERY FAST ACTING	1
22	1270456GT	CONTACTOR,DRIVE,24V,180A (W/logo) Replaces 74267GT	
23	1270457GT	CONTACTOR, DRIVE, 24V, 180A UNBRANDED	1
23-	62695GT	CONTACT,STATIONARY (56434)**	
23-	62696GT	CONTACT-MOVEABLE (56434)**	
23-	32697GT	INJECTOR,DEUTZ	
23-	74471GT	SPRING,RETURN (74266)	
24	56095GT	BRACKET,CONTACTOR MOUNT SINGLE	1
25A	74424GT	CONTACTOR PANEL ASSEMBLY includes items 4 and 18 (to SN 15221; not shown)	1
25B	236665GT	ASSEMBLY, CONTROLLER PLATE (from SN 15222; shown)	1
26A	822917GT	KIT, DC-DC CONVERTER, DC (field install kit for units without inverter) (from SN 8355)	1
26A-	79452GT	CONVERTER, DC-DC, 48-26 VOLT** (shown)	1
26A-	822915GT	HARNESS, DRIVE CHASSIS, DC	1
26A-	822481GT	BRKT, DC-DC CONVERTER MOUNTING	1
26B	822919GT	KIT, DC-DC CONV,Z30N W/INVERTR (field install kit for units with inverter) (from SN 8355)	1
26B-	79452GT	CONVERTER, DC-DC, 48-26 VOLT** (shown)	1
26B-	822915GT	HARNESS, DRIVE CHASSIS, DC (for units with DC-DC converter)	1
26B-	822920GT	BRKT,DC-DC CONV,Z30N W/INVERTR	1
27	1251757GT	SCREW,PHPM,10-32X.50,ZAG	4
28	74282GT	DUST SHIELDS,180A CONTACTOR (EE models only) Limited inventory available; this component is no longer available from our supplier	4

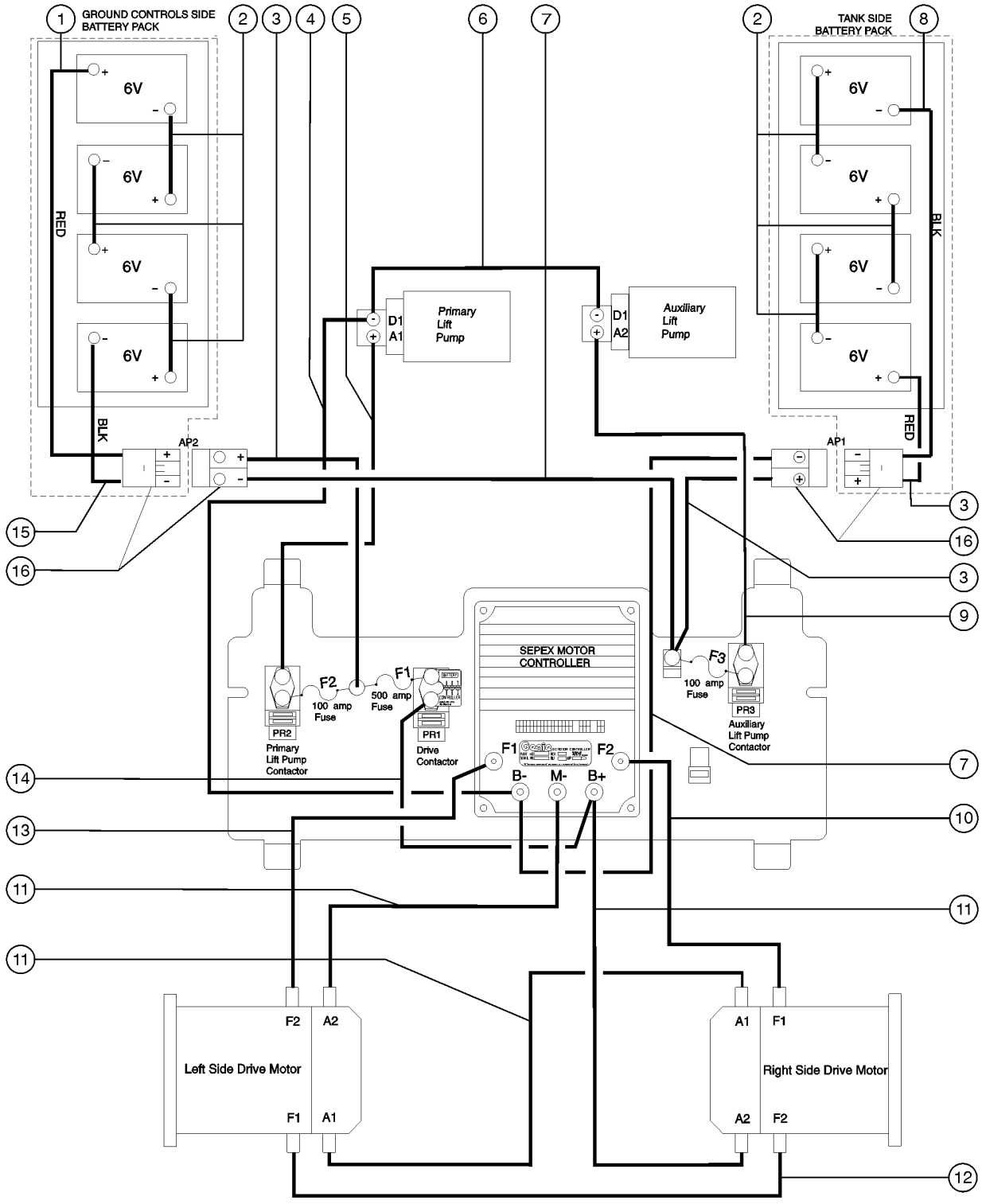
209.1 Power Cable Diagram (to SN 3446)



209.1 Power Cable Diagram (to SN 3446)

Item	*Part No.*	*Description*	*Qty.*
1	74103GT	CABLE ASSY,#2 BLACK	3
2	74105GT	CABLE ASSY,#2 RED	1
3	74102GT	CABLE ASSY,#2 RED	2
4	74109GT	CABLE ASSY,#2 RED	1
5	74106GT	CABLE ASSY,#2 BLACK	1
6	74108GT	CABLE ASSY,#2 BLACK	3
7	74107GT	CABLE ASSY,#2 BLACK	7
8	74104GT	CABLE ASSY,#2 RED	2
9	74114GT	CABLE ASSY,#2 BLACK	1
10	74101GT	CABLE ASSY,#2 BLACK	1
11	74112GT	CABLE ASSY,#2 BLACK	2
12	74115GT	CABLE ASSY,#2 BLACK	1
13	19520GT	BATTERY CABLE ASSY,9.5"JUMPER	6
14	66397GT	QUICK DISCONNECT CASING, BATT**	4

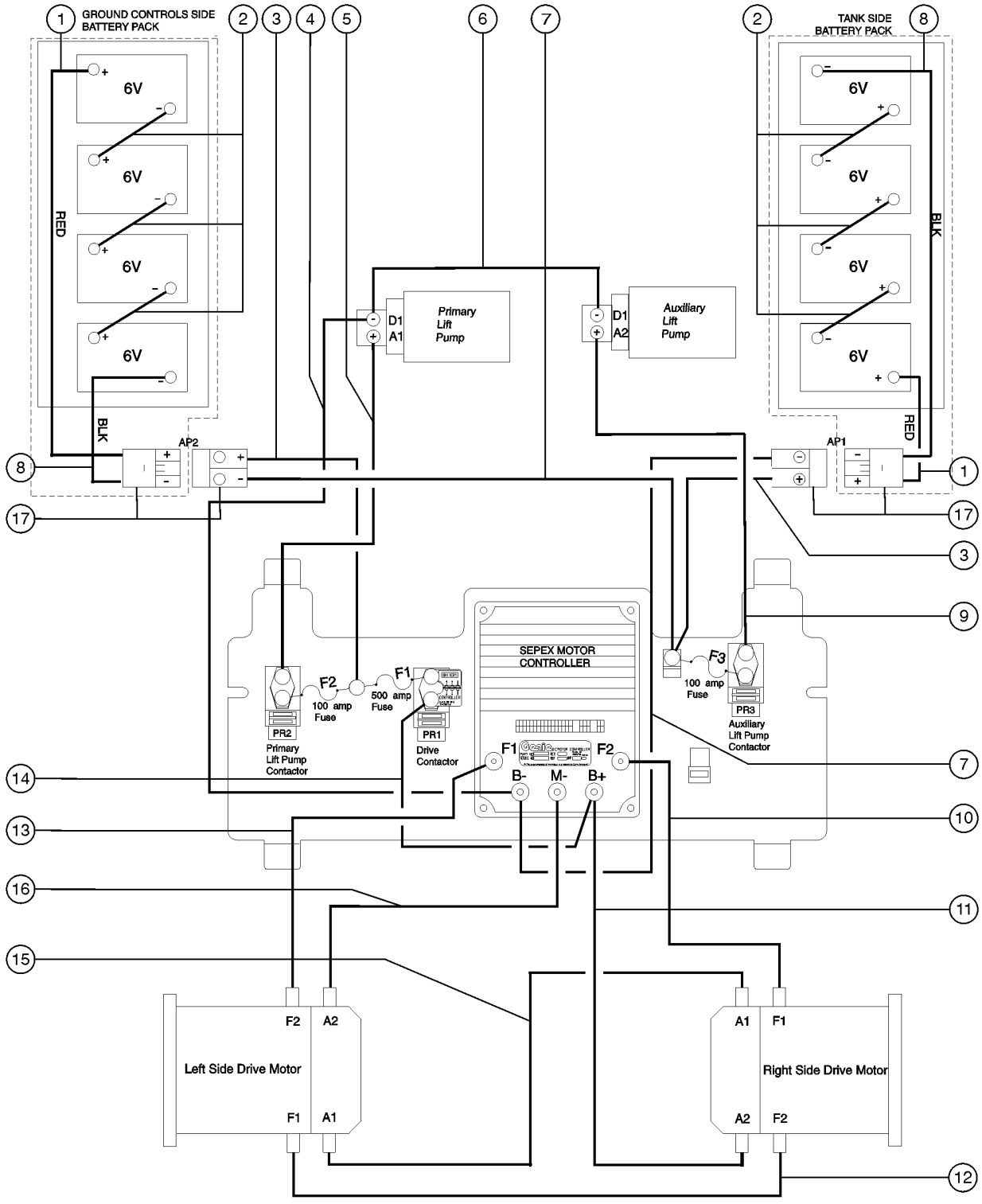
210.1 Power Cable Diagram (from SN 3447 to 10917)



210.1 Power Cable Diagram (from SN 3447 to 10917)

Item	Part No.	Description	Qty.
1	74102GT	CABLE ASSY,#2 RED	2
2	74103GT	CABLE ASSY,#2 BLACK	6
3	74104GT	CABLE ASSY,#2 RED	2
4	74114GT	CABLE ASSY,#2 BLACK	1
5	74105GT	CABLE ASSY,#2 RED	1
6	74106GT	CABLE ASSY,#2 BLACK	1
7	74107GT	CABLE ASSY,#2 BLACK	2
8	74108GT	CABLE ASSY,#2 BLACK	2
9	74109GT	CABLE ASSY,#2 RED	1
10	74110GT	WIRE ASSY,#10 RED, 18"	1
11	74111GT	CABLE ASSY,#2 BLACK, 31"	1
12	74112GT	CABLE ASSY,#2 BLACK	1
13	74113GT	WIRE ASSY,#10 RED, 15"	1
14	74115GT	CABLE ASSY,#2 BLACK	1
15	74101GT	CABLE ASSY,#2 BLACK	1
16	66397GT	QUICK DISCONNECT CASING, BATT**	4

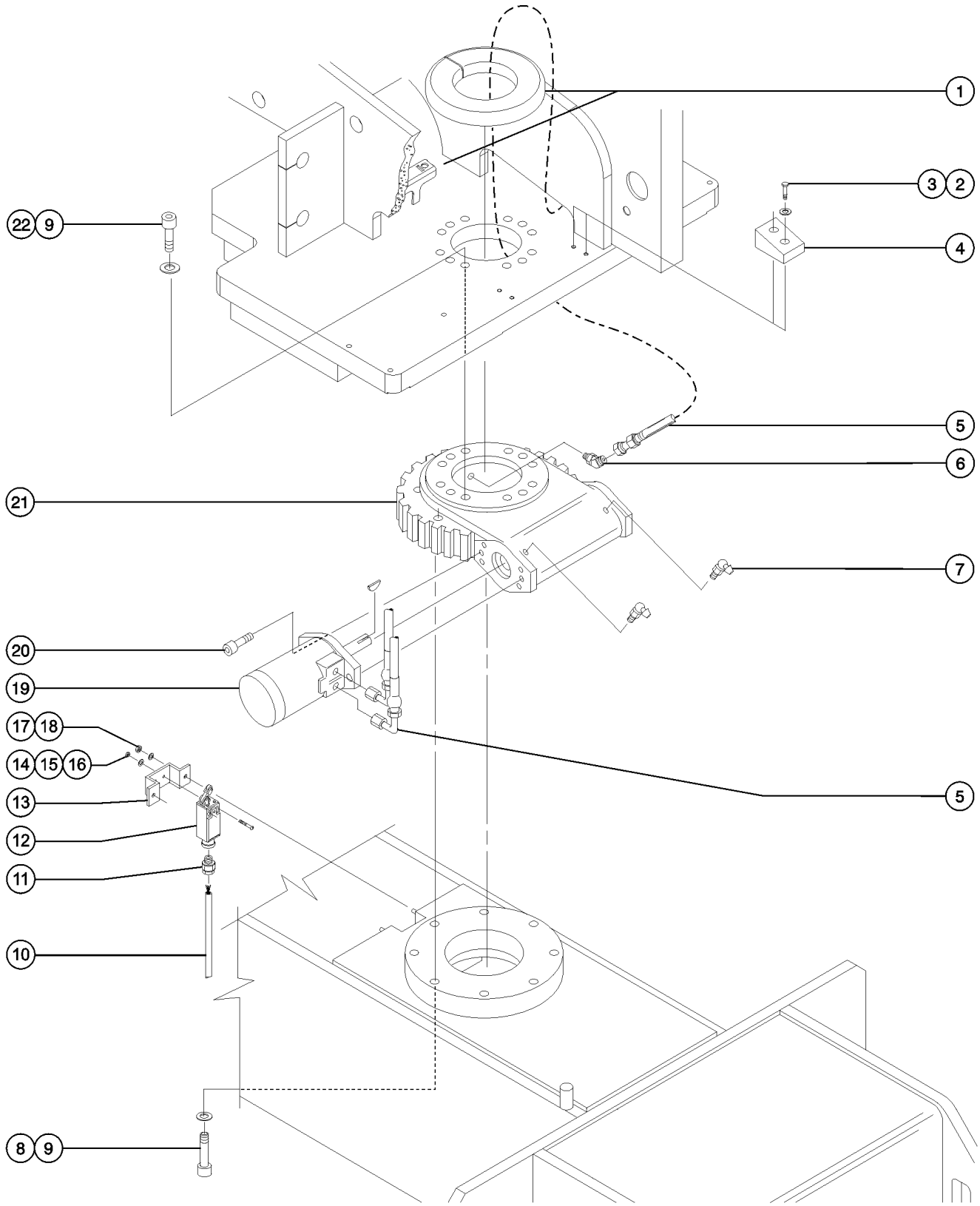
210.2 Power Cable Diagram (from SN 10918)



210.2 Power Cable Diagram (from SN 10918)

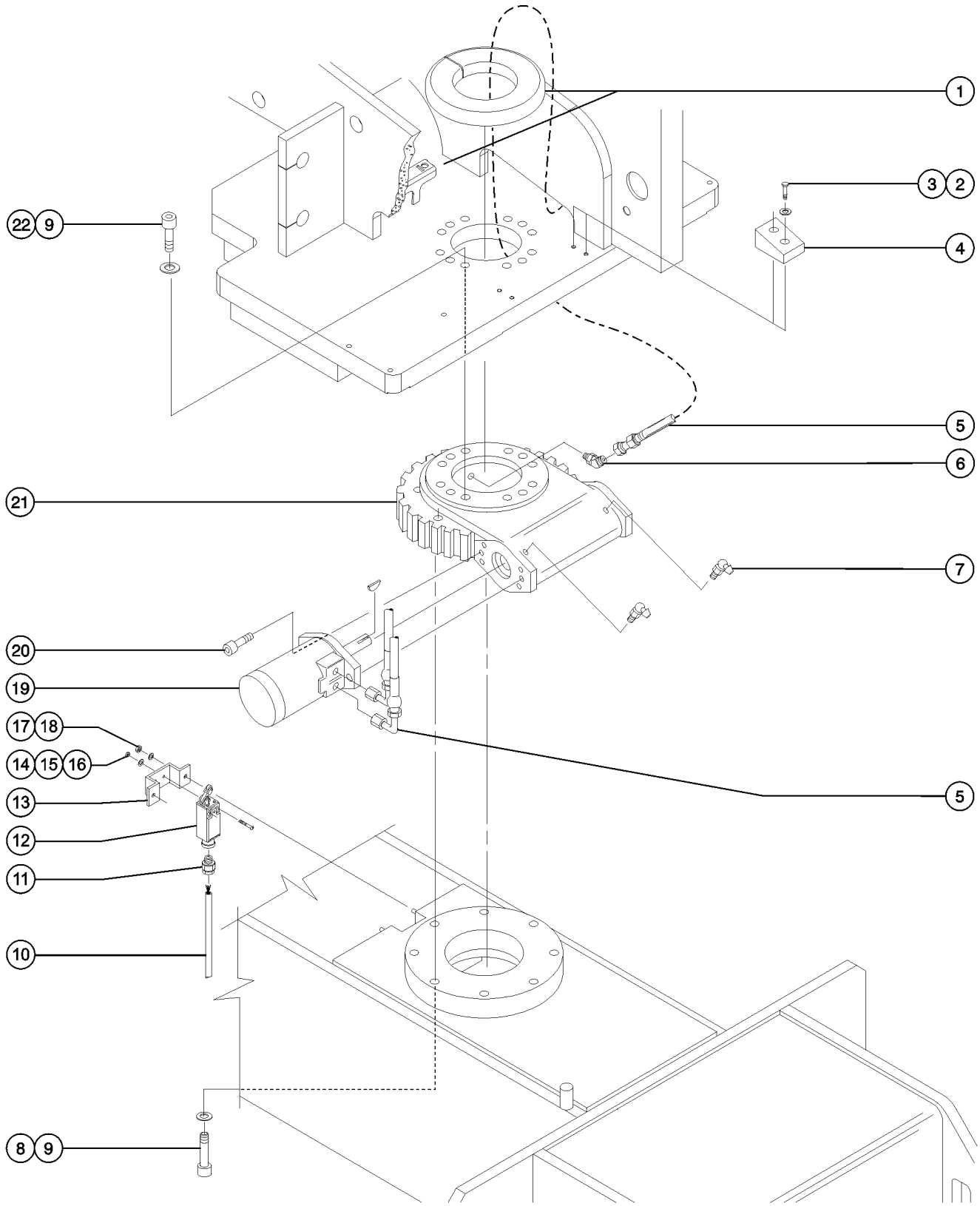
Item	*Part No.*	*Description*	*Qty.*
	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	
	139010GT	HARN ASSY, POWER DRIVE CHASS includes 1 each items 3, 7 and 17	
	139011-SGT	SERV KIT,HARN ASSY,PWR BATT PK includes 1 each items 1, 8 and 17	
1	128465GT	CABLE ASSY #2 RED BATT	2
2	19520GT	BATTERY CABLE ASSY,9.5"JUMPER	6
3	128458GT	CABLE ASSY #2 RED AP1/AP2 DRIV	2
4	139018GT	CABLE ASSY #4 BLK B(-)/LP-D1	1
5	139016GT	CABLE ASSY #4 RED PR2/LP-A1	1
6	139019GT	CABLE ASSY #4 BLK LP-D1/AP-D1	1
7	128459GT	CABLE ASSY #2 BLK AP1/AP2 DRIV	2
8	128466GT	CABLE ASSY #2 BLK AP1/AP2 BATT	2
9	139017GT	CABLE ASSY #4 RED PR3/AP-A2	1
10	139021GT	WIRE ASSY #10 RED F2/F1	1
11	139012GT	CABLE ASSY #2 BLK B(+)/A2	1
12	139022GT	WIRE ASSY #10 RED F1/F2	1
13	139020GT	WIRE ASSY #10 RED F1/F2	1
14	139013GT	CABLE ASSY #2 BLK B(+)/PR1	1
15	139015GT	CABLE ASSY #2 BLK A1/A1	1
16	139014GT	CABLE ASSY #2 BLK M(-)/A2	1
17	66397GT	QUICK DISCONNECT CASING, BATT**	4
17A	70673GT	LANYARD ASSY, 9.5" for cable harness 139011GT	
17A	119787PGT	FORMING,BATTERY CONN HANDLE,PT for cable harness 139011GT	

301.1 Turntable Rotator



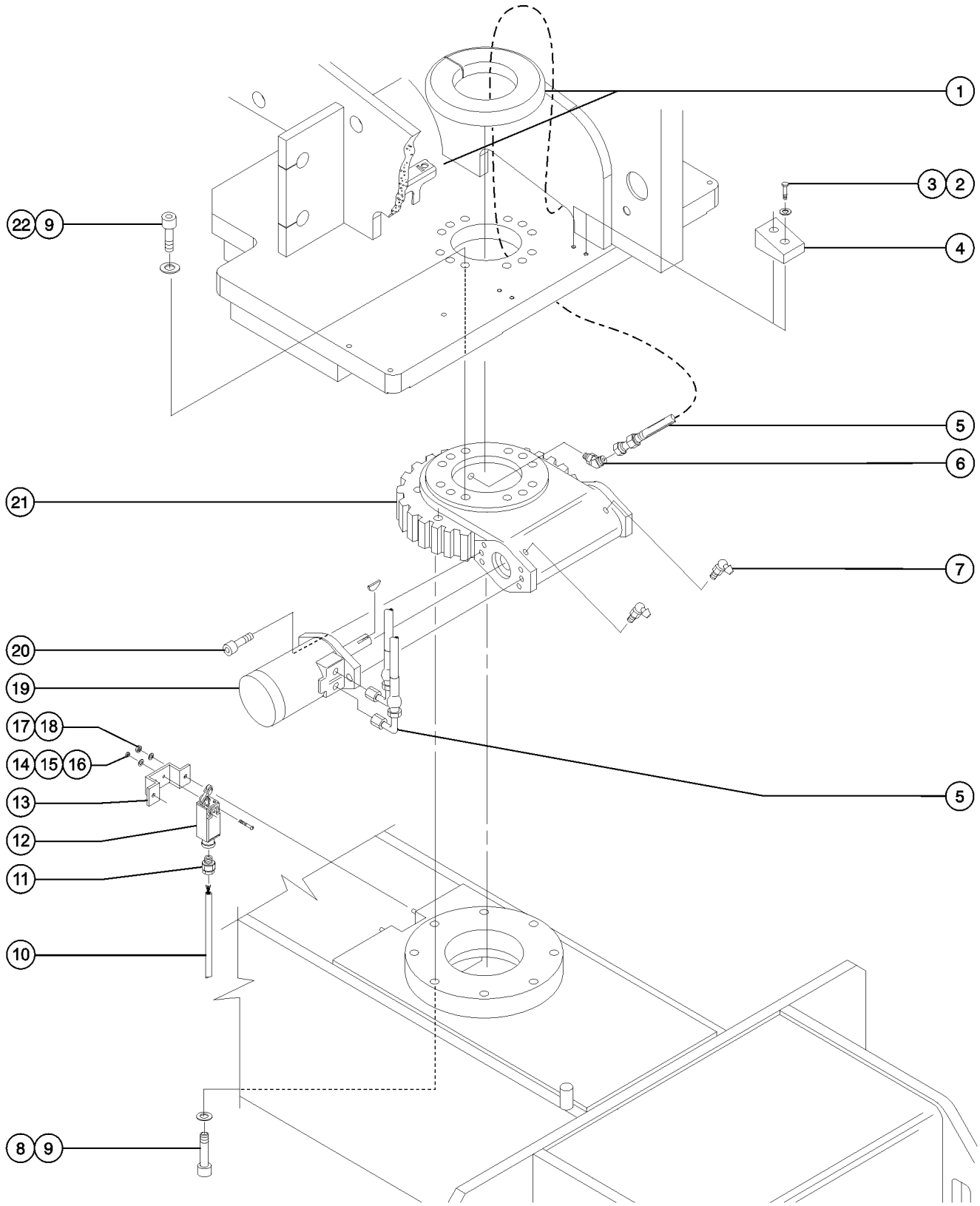
Item	Part No.	Description	Qty.
1	42363GT	RING,HOSE PROTECTOR	1
1A	106959GT	GUIDE,HOSE from SN 7161 (not shown)	1
1A	106960PGT	FORMING,HOSE LOCK,PAINTED from SN 7161 (not shown)	1
1A	8516GT	SCREW, HCC, 3/8-16 X 1.50 from SN 7161 (not shown)	1
1A	4828GT	NUT, NYLOCK, 3/8-16 from SN 7161	1
2	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4A	36959GT	REST PAD,LOWER ARM REST to Z30N-4469	2
4B	74256GT	REST PAD, LOWER REST Z30N from Z30N-4470	2
5		Ref. Hydraulic Hoses and Fittings (refer to 802.1 or 803.1)	
6	31194GT	ELBOW,070302-4-2	
7	128619GT	ZERK,GREASE,1/8 NPT,67.5 DEG**	
8A	36459GT	SCREW,SHC,5/8-11 X 5.5 to SN 13456	8
8B	139866GT	SCREW,HHC,5/8-11X4.50GR8 PLAIN from SN 13457	8
9	13064GT	WASHER,FLAT,.625 HARDENED	20
10	43960GT	WIRE CABLE,16/4 CON.TPE JKT	77
11	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	
12A	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC to SN 7015 (shown)	1
12A-	19491GT	CONTACTOR,LIMIT SWITCH	
12A-	97128GT	ROLLER ARM,LIMIT SWITCH***	
12B	106087GT	HARNESS,LS,DRIVE ENABLE LS3 Z3 from SN 7016 TO 8354	
12B	88356-12103GT	SWITCH,LIMIT,W/ROLLER ARM	1
12B-	19491GT	CONTACTOR,LIMIT SWITCH	
12B-	97128GT	ROLLER ARM,LIMIT SWITCH***	
12B-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
12C	110637GT	HARNESS LS3 OP DRIVE ENABLE from SN 8355	1
12C-	88356-12103GT	SWITCH,LIMIT,W/ROLLER ARM	1
12C-	119762GT	CONN PLUG 4 WAY EXTEND DT	1

301.1 Turntable Rotator



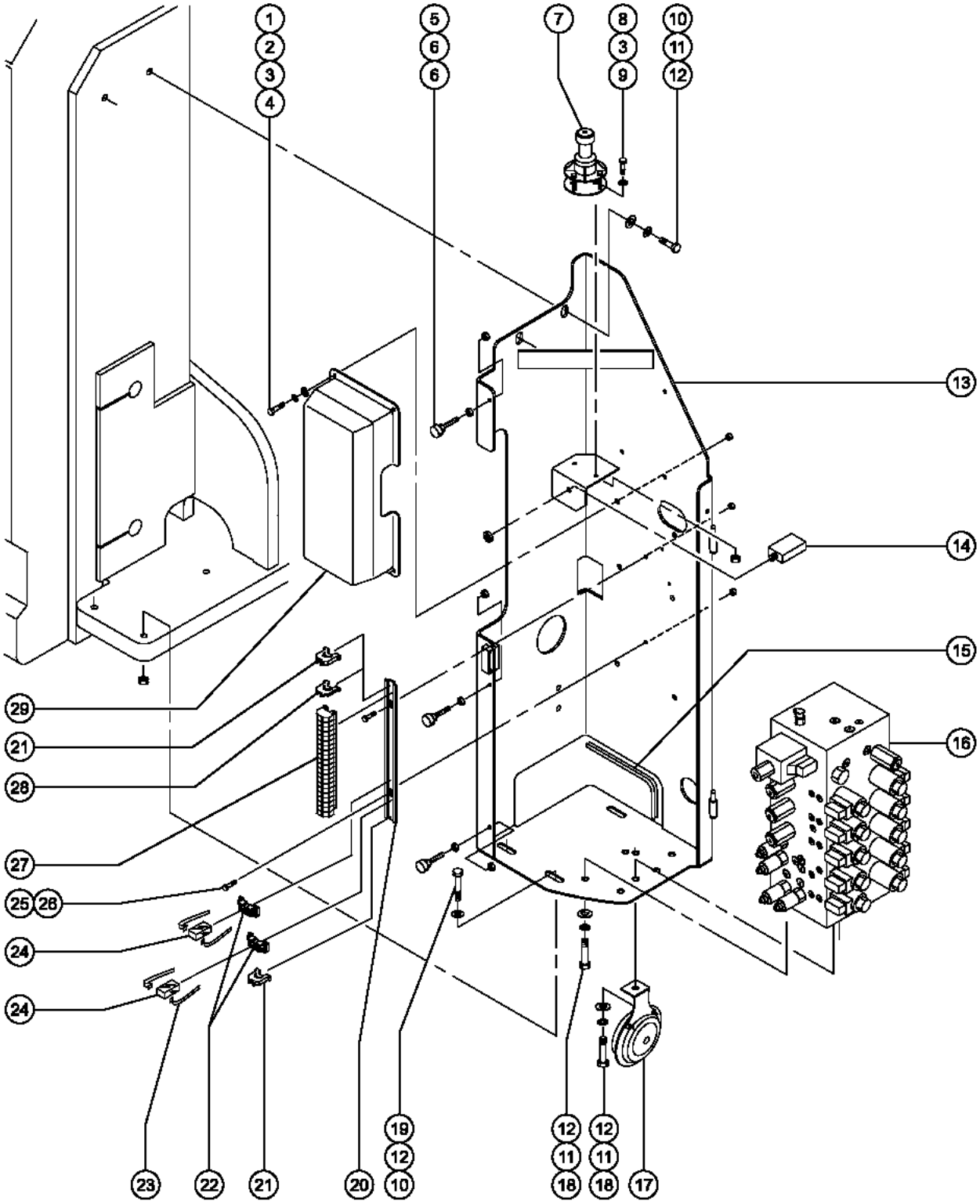
Item	Part No.	Description	Qty.
12C-	60429GT	LOCK,PLUG 4 WAY,14-18GA	1
12C-	73714GT	TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	4
13A	36326GT	PLATE,LIMIT SWITCH MOUNT%% to SN 7015	1
13B	119917GT	PLATE, TURNTABLE LS. MT. from SN 7016	1
13B-	6090GT	SCREW, HHC, 1/4-20 X .75 for 119917	
14	6178GT	NUT, NYLOCK, 10-32	
15	6607GT	WASHER,LOCK,#10 PLTD	
16A	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
16B	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
17	6091GT	NUT, NYLOCK, 1/4-20	
18	6638GT	WASHER, FLAT, USS, 1/4"Y	
19A	27372GT	MOTOR,TURNTABLE O-RING PORTS	1
19A-	27275GT	SEAL KIT (21172)	
19A-	32224GT	KEY-WOODRUFF	
19B	74864GT	MOTOR,TURNTABLE,ROLLER STATOR from SN Z30N-5481	1
19B-	84312GT	SEAL KIT,ROTATE MOTOR	
19C	128453GT	MOTOR,TURNTABLE,125CC*** from SN Z30N-10808	1
19C-	84312GT	SEAL KIT,ROTATE MOTOR	
20	56843GT	SCREW,SHC,1/2-13 X 1.50,A574	2
21	119111GT	ROTATOR TURNTABLE ASSEMBLY***	1
21-	128618GT	SEAL KIT*** for 119111	
21-	128622GT	BEARING,CONE*** for 119111	
21-	128621GT	BEARING,CUP*** for 119111	
21-	128565GT	SHIM KIT,TURNTABLE*** for 119111	1
21-	128620GT	ZERK,GREASE,1/8 NPT,45 DEG*** for 119111	
21-	1284189GT	CASE COVER,ROTATOR,Z30/34 (119111) for 119111	
21-	128899GT	SHAFT,WORM GEAR*** for 119111	
21-	139008GT	SNAP RING,INT,2.88 DIA*** from SN 11193 OR after gear S/N 01108CG1W	

301.1 Turntable Rotator



Item	Part No.	Description	Qty.
21-	139376GT	SNAP RING,INTERNAL,2.88 DIA*** from SN 9392 to 11192 OR before gear S/N 01108CG1X	
21A	58360GT	KIT,SEAL (74994) for rotator 74994GT	1
21A-	1297489GT	BEARING,CONE (74994) for rotator 74994GT; sold separately	2
21A-	1297490GT	BEARING,CUP (74994) for rotator 74994GT; sold separately	2
21A-	58345GT	SCREW,FHS,1/2-13 X 1.25,BLACK for rotator 74994GT; sold separately	2
21A-	58346GT	ZERK,ALEMITE #1688 (74494) for rotator 74994GT; sold separately	2
21A-	58296GT	SNAP RING (74994) for rotator 74994GT; sold separately	1
21A-	58330GT	O-RING OR-151 N73038 (74994) for rotator 74994GT	1
21A-	58331GT	SEAL 21252875-375BYP2 (74994) for rotator 74994GT	2
21A-	58343GT	GASKET,MTR,2A,MAG (74994) for rotator 74994GT	1
21A-	58344GT	SEAL,NAT'L. #471818 (74994) for rotator 74994GT	1
22A	25068GT	SCREW,SHC,5/8-11 X 4.5,A574 to SN 11768	12
22B	42604GT	SCREW,SHC,5/8-11 X 4.25 BLK from SN 11769 to 13456	12
22C	139867GT	SCREW,HHC,5/8-11 X 5.50 GR8 BO from SN 13457	12

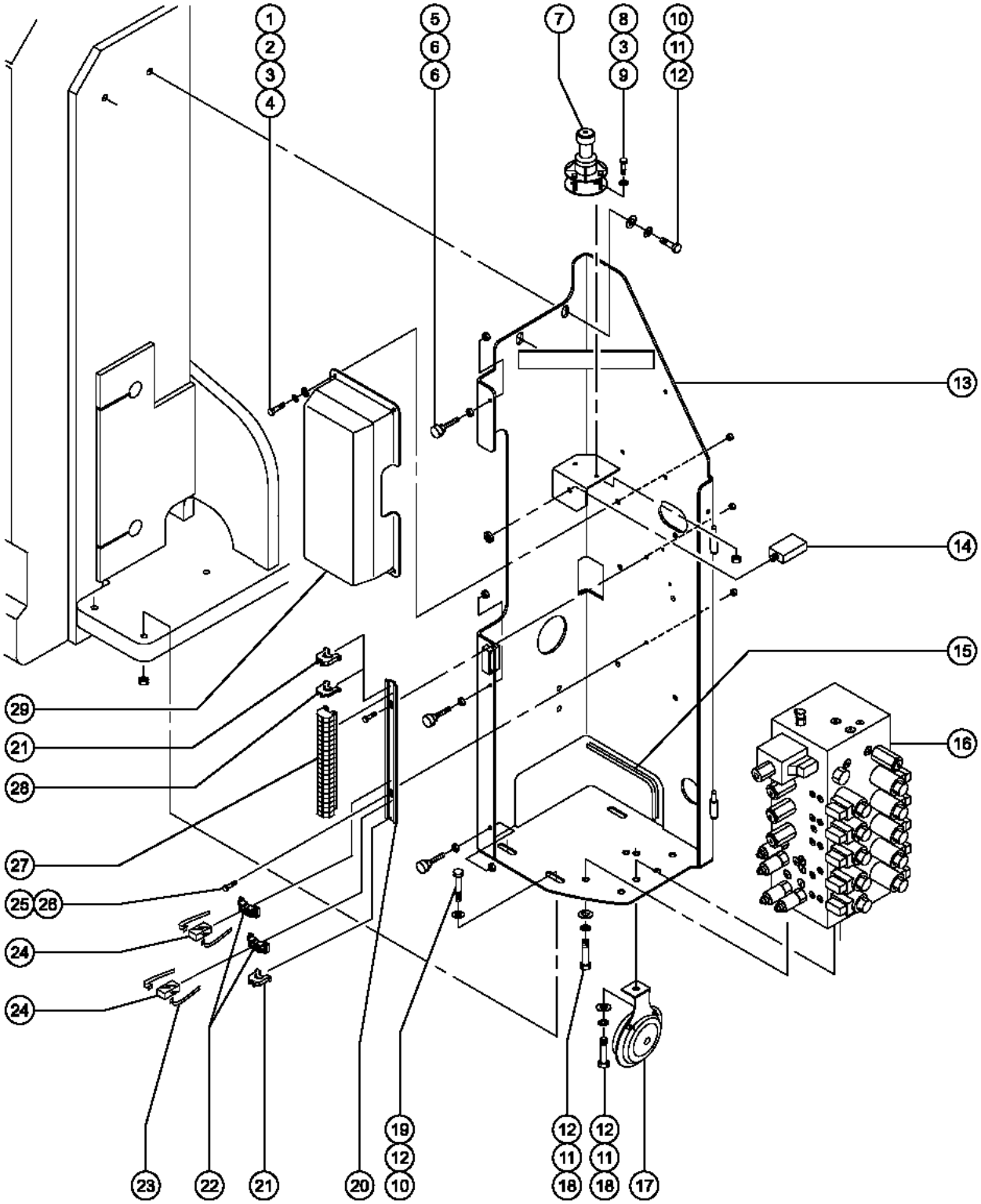
302.1 Ground Controls Side (to SN 3446)



302.1 Ground Controls Side (to SN 3446)

Item	Part No.	Description	Qty.
1	7339GT	SCREW,HHC,1/4-20 X .5	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
5	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	
6	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
7A	44586GT	SENSOR,LEVEL 4.5*** ANSI and CE models	1
7B	42439GT	SENSOR,LEVEL 3 DEG** Australian models	1
8	8914GT	SCREW, HHC, 1/4-20 X .625	
9	6091GT	NUT, NYLOCK, 1/4-20	
10	6326GT	SCREW,HHC,3/8-16 X 3	
11	6021GT	WASHER, LOCK, .375	
12	6097GT	WASHER, FLAT, USS, 3/8", Y	
13	56875GT	WELD,COVER SUPPORT LH Z30N*	1
13	56875GT	WELD,COVER SUPPORT LH Z30N*	
14	147093GT	ASSY, CIRCUIT BREAKER 10A includes mounting nut	1
15	19018GT	TRIMLOCK,BLACK,5/32"	23
16		Ref. Function Manifold (refer to 702.1)	
17	81579GT	HORN, 24VDC, SPADE TERMINALS***	1
18	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	
19	4828GT	NUT, NYLOCK, 3/8-16	
20	36385GT	DIN RAIL,11.63"	1
20-	56201GT	DIN RAIL,13.75	
21	25974GT	PLASTIC END STOP	1
22	33608GT	RELAY,SOCKET,OMRON	2
23	42617GT	CLIP,SPRING,POTTER BRUMFIELD	4
24	42616GT	RELAY,POTTER BRUMFIELD 24V **	2
25	6606GT	SCREW,RHM,10-32 X .75	

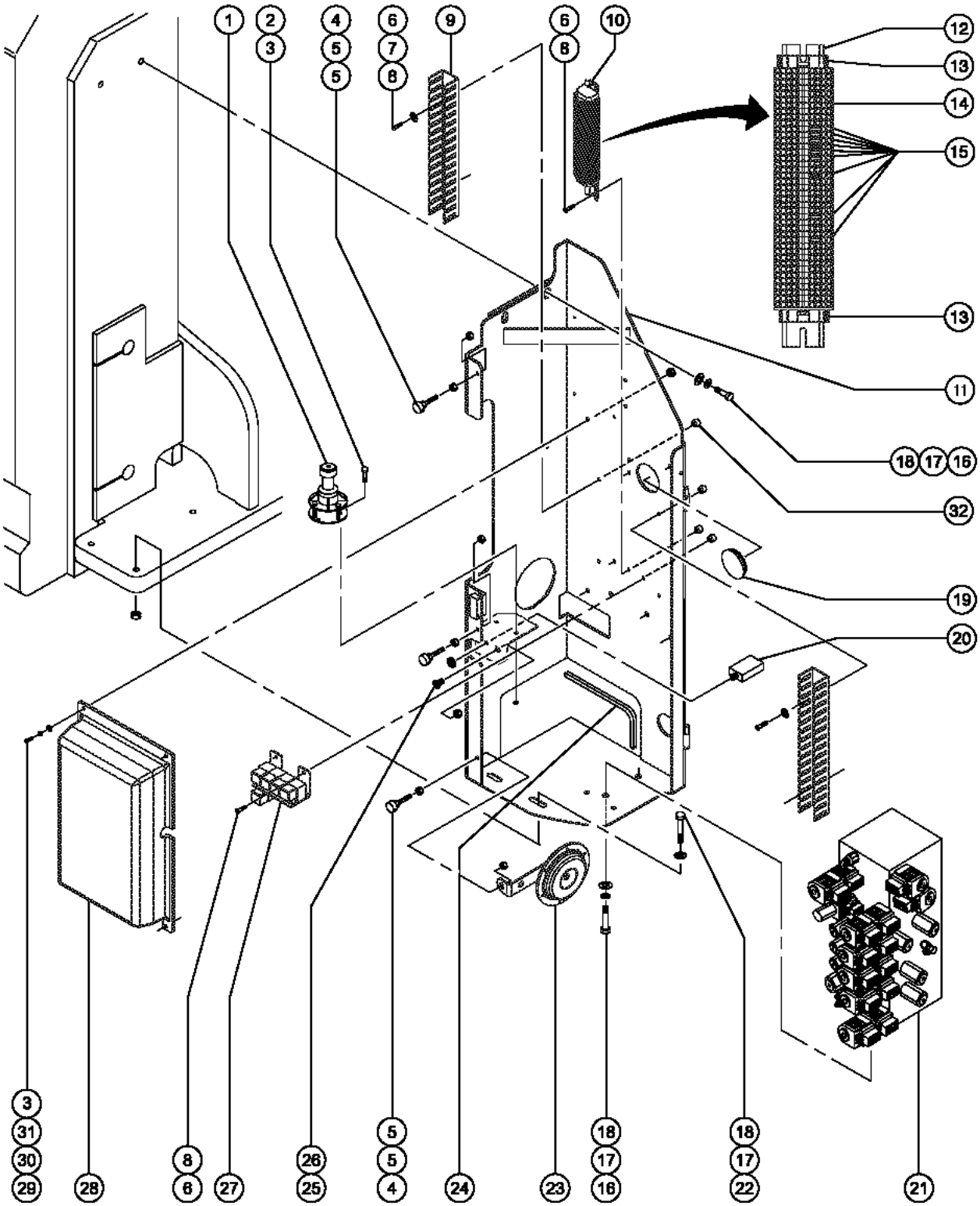
302.1 Ground Controls Side (to SN 3446)



302.1 Ground Controls Side (to SN 3446)

Item	*Part No.*	*Description*	*Qty.*
26	23405GT	NUTSERT,10-32 STEEL CAD PLTD	
27	25836GT	TERMINAL BLOCK(SINGLE),WAGO***	30
28	25837GT	TERMINAL STRIP END PLATE	1
29	36378GT	COVER,TERMINAL STRIP	1

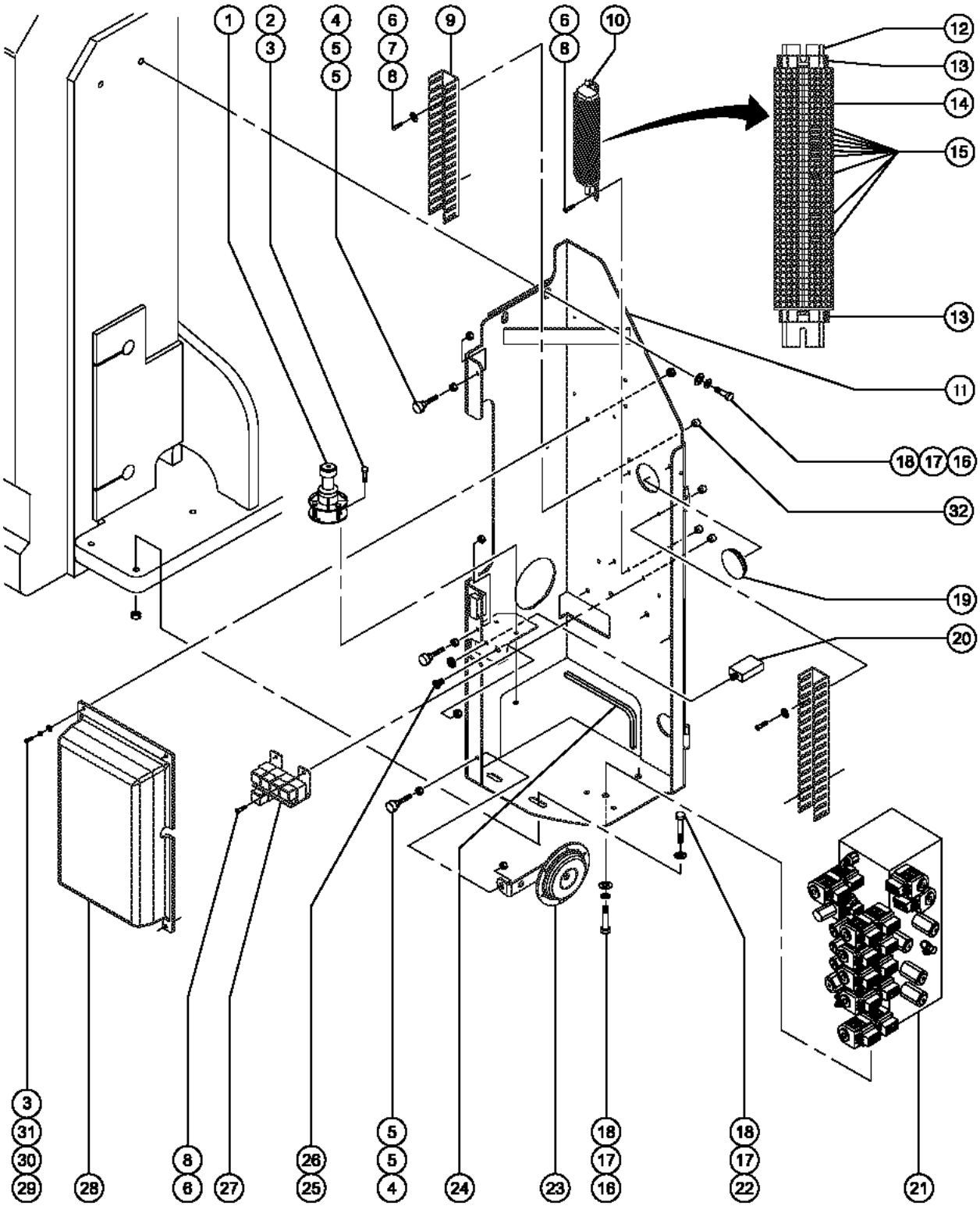
303.1 Ground Controls Side (from SN 3447 to 9825)



303.1 Ground Controls Side (from SN 3447 to 9825)

Item	Part No.	Description	Qty.
1A	44586GT	SENSOR,LEVEL 4.5*** ANSI and CE models; to SN 5921	1
1B	94077GT	SENSOR,LEVEL,4.5 DEG ANSI models from SN 5922	1
1C	94077GT	SENSOR,LEVEL,4.5 DEG CE models from SN 5922 to SN 8496	
1D	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 CE models; from SN 8497	1
1E	42439GT	SENSOR,LEVEL 3 DEG** Australian models	1
2	8914GT	SCREW, HHC, 1/4-20 X .625	
3	6091GT	NUT, NYLOCK, 1/4-20	
4	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	3
5	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
6	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
7	6146GT	WASHER,FLAT,MS,#10,Y	
8	6178GT	NUT, NYLOCK, 10-32	
9A	28298GT	WIRING DUCT, 1.5 X 1.5	2
9B	1262218GT	COVER, DUCT, WIRING replaced 28299	2
10A	56783GT	TERMNAL RAIL ASS'Y,Z30N,Z34 includes items 12-15; to SN 4081	1
10B	94742GT	TERMINAL RAIL ASSY*** includes items 12-15; from SN 4082 to 8354	1
10C	216788GT	ASSY,TERMINAL RAIL,Z30/34DC includes items 12-14; from SN 8355	1
11	56875GT	WELD,COVER SUPPORT LH Z30N*	1
12A	56788GT	DIN RAIL, 10.14 for 56783	1
12B	56994GT	DIN RAIL,11.25" for 94742 and 216788	
13A	25974GT	PLASTIC END STOP for 56783	2
13B	74913GT	END STOP, DIN RAIL,SCREW CLAMP for 94742 and 216788	
14A	25836GT	TERMINAL BLOCK(SINGLE),WAGO*** for 56783	32
14B	216791GT	TERMINAL BLOCK,WIELAND for 216788	42
14C	74911GT	TERMINAL BLOCK, WIELAND*** for 94742	43
14D	217046GT	KIT, TERMINAL BLOCK use if replaceing a jumper terminal block	
15A	56648GT	TERMINAL BLOCK,WAGO,3-WIRE for 56783	9
15B	74917GT	JUMPER COMB, 2-WAY,WIELAND for 94742 and 216788	3

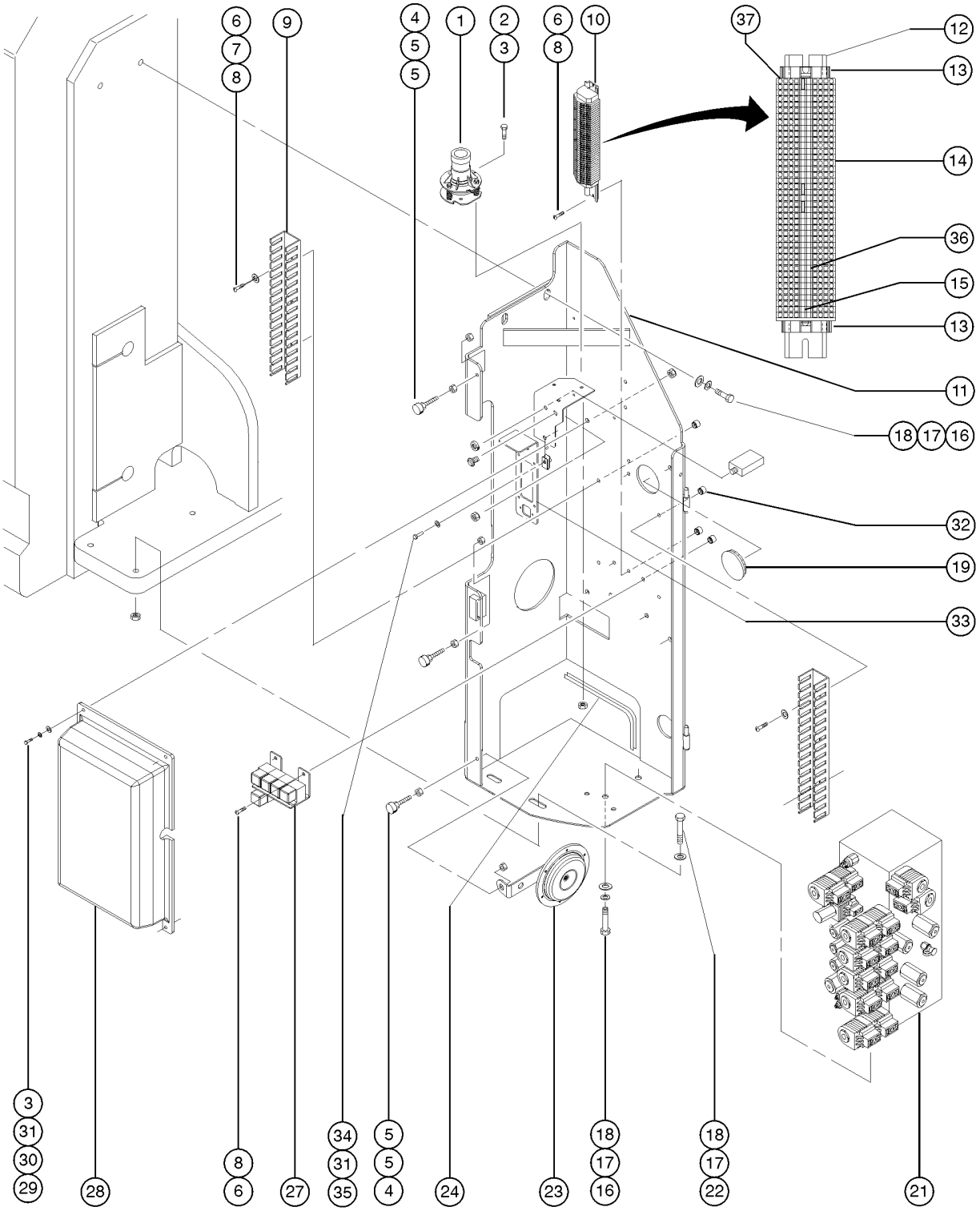
303.1 Ground Controls Side (from SN 3447 to 9825)



303.1 Ground Controls Side (from SN 3447 to 9825)

Item	Part No.	Description	Qty.
16	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	
17	6021GT	WASHER, LOCK, .375	
18	6097GT	WASHER, FLAT, USS, 3/8", Y	
19	39640GT	PLUG,NYLON 2.50 BLACK DOMED	1
20	147093GT	ASSY, CIRCUIT BREAKER 10A includes mounting fastener	1
21		Ref. Function Manifold (refer to 703.1)	
22	6326GT	SCREW,HHC,3/8-16 X 3	
23	81579GT	HORN, 24VDC, SPADE TERMINALS***	1
24	19018GT	TRIMLOCK,BLACK,5/32"	23
25	824878GT	LIGHT,LED IND. RED 24V NH	1
26		LOCKWASHER,LT IND. OD.868/530 not available separately. order kit 218165	1
27		Ref. Relay Assembly	
27-	56791GT	ANGLE RELAY MOUNTING	
27-	56302GT	RELAY,24VDC,40/30A,SEALED***	5
27-	56302GT	RELAY,24VDC,40/30A,SEALED***	7
27-	34053GT	ASSY,RELAY SOCKET,AUTO***	5
27-		RELAY SOCKET,AUTO*** component of 34053	7
27-		RELAY SOCKET,AUTO,RETAINER*** component of 34053	
27-	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
27-	6178GT	NUT, NYLOCK, 10-32	
28A	56846GT	COVER,TERMINAL STRIP to SN 8354	1
28B	110626GT	COVER,TERMINAL STRIP, CONN from SN 8355	1
29	6090GT	SCREW, HHC, 1/4-20 X .75	
30	6356GT	WASHER, LOCK, .25	
31	6638GT	WASHER, FLAT, USS, 1/4"Y	
32	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	

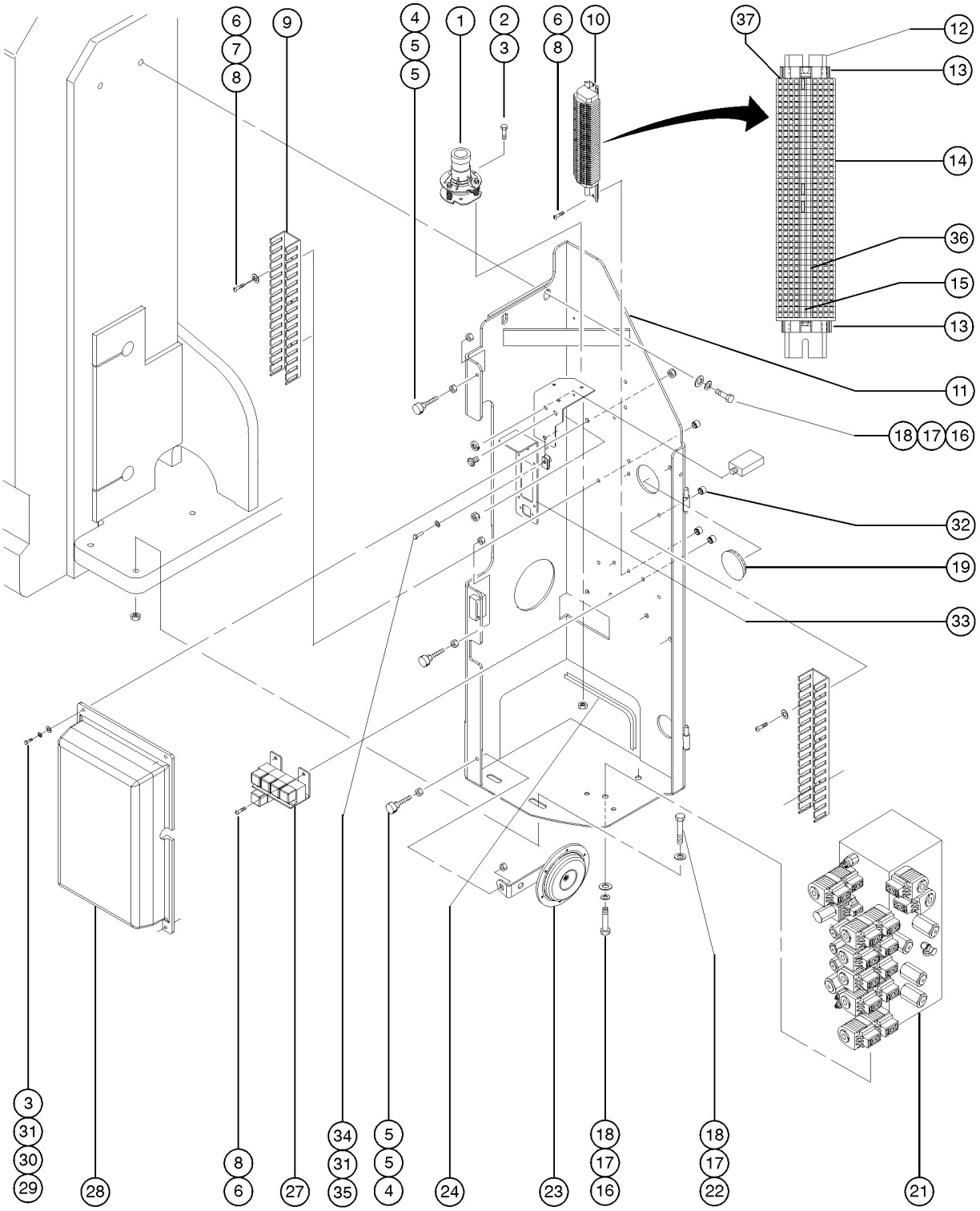
303.2 Ground Controls Side (from SN 9826)



303.2 Ground Controls Side (from SN 9826)

Item	Part No.	Description	Qty.
A	74920GT	MARKING TAGS,# 1-10,WIELAND	
B	74921GT	MARKING TAGS,# 11-20,WIELAND	
C	74922GT	MARKING TAGS,# 21-30,WIELAND	
D	74923GT	MARKING TAGS,# 31-40,WIELAND	
E	74924GT	MARKING TAGS,# 41-50,WIELAND**	
F	74925GT	MARKING TAGS,# 51-60,WIELAND	
1A	94077GT	SENSOR,LEVEL,4.5 DEG ANSI models	1
1B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 CE models	1
1C	42439GT	SENSOR,LEVEL 3 DEG** Australian models	1
2	8914GT	SCREW, HHC, 1/4-20 X .625	
3	6091GT	NUT, NYLOCK, 1/4-20	
4	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	3
5	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
6	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
7	6146GT	WASHER,FLAT,MS,#10,Y	
8	6178GT	NUT, NYLOCK, 10-32	
9	28298GT	WIRING DUCT, 1.5 X 1.5	2
9-	1262218GT	COVER, DUCT, WIRING	2
10	216788GT	ASSY,TERMINAL RAIL,Z30/34DC	
11	56875GT	WELD,COVER SUPPORT LH Z30N*	1
12	56994GT	DIN RAIL,11.25"	
13	74913GT	END STOP, DIN RAIL,SCREW CLAMP	2
14A	217046GT	KIT, TERMINAL BLOCK use if replacing a jumpered terminal block	
14B	216791GT	TERMINAL BLOCK,WIELAND to SN 16283	26
15A	74917GT	JUMPER COMB, 2-WAY,WIELAND	3
15B	74918GT	JUMPER COMB, 3-WAY,WIELAND after SN Z30N15-16279 CE models, Z30N15-16299 ANSI models	1
16	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	
17	6021GT	WASHER, LOCK, .375	

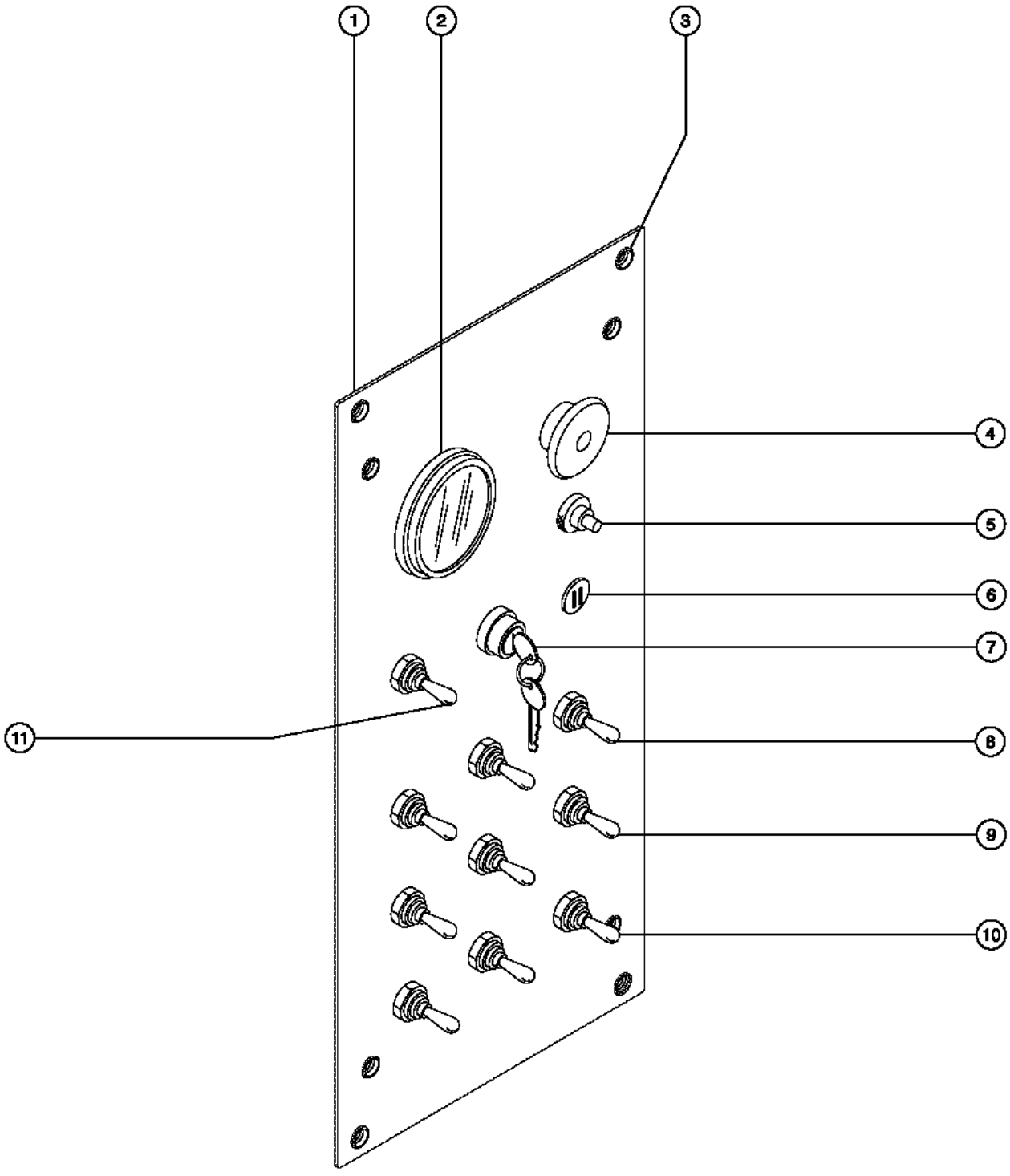
303.2 Ground Controls Side (from SN 9826)



303.2 Ground Controls Side (from SN 9826)

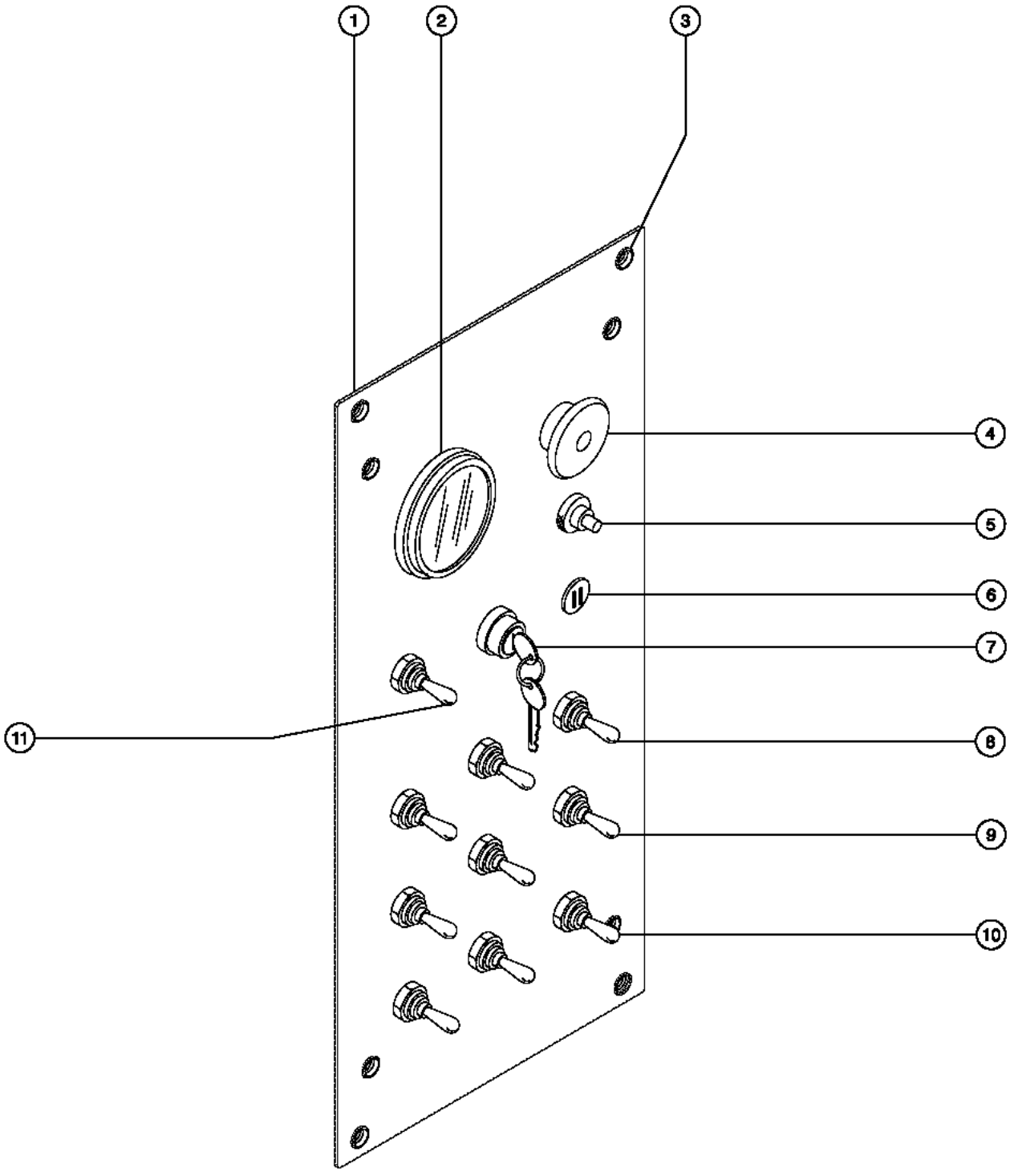
Item	Part No.	Description	Qty.
18	6097GT	WASHER, FLAT, USS, 3/8", Y	
19	39640GT	PLUG,NYLON 2.50 BLACK DOMED	1
20	147093GT	ASSY, CIRCUIT BREAKER 10A includes mounting fastener	1
21		Ref. Function Manifold (refer to 703.1)	
22	6326GT	SCREW,HHC,3/8-16 X 3	
23	81579GT	HORN, 24VDC, SPADE TERMINALS***	1
24	19018GT	TRIMLOCK,BLACK,5/32"	23
25	824878GT	LIGHT,LED IND. RED 24V NH	1
26	814884GT	LOCKWASHER,LT IND. OD.868/530	1
27		Ref. Relay Assembly	
27-	56791GT	ANGLE RELAY MOUNTING	
27-	56302GT	RELAY,24VDC,40/30A,SEALED*** to SN 16283	7
27-	56302GT	RELAY,24VDC,40/30A,SEALED*** from SN 16284	8
27-	56318GT	BRACKET	1
27-	56319GT	EDC FEMALE CONNECTOR - 4 PRONG	
27-	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
27-	6178GT	NUT, NYLOCK, 10-32	
28	110626GT	COVER,TERMINAL STRIP, CONN	1
29	6090GT	SCREW, HHC, 1/4-20 X .75	
30	6356GT	WASHER, LOCK, .25	
31	6638GT	WASHER, FLAT, USS, 1/4"Y	
32	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
33	119618GT	FORMING,BRACKET	1
34	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
35	6888GT	SCREW, HHC, 1/4-20 X 1	
36	74918GT	JUMPER COMB, 3-WAY,WIELAND from SN 16284	1
37	216793GT	TERMINAL BLOCK END PLATE	1

304.1 Ground Control Panel



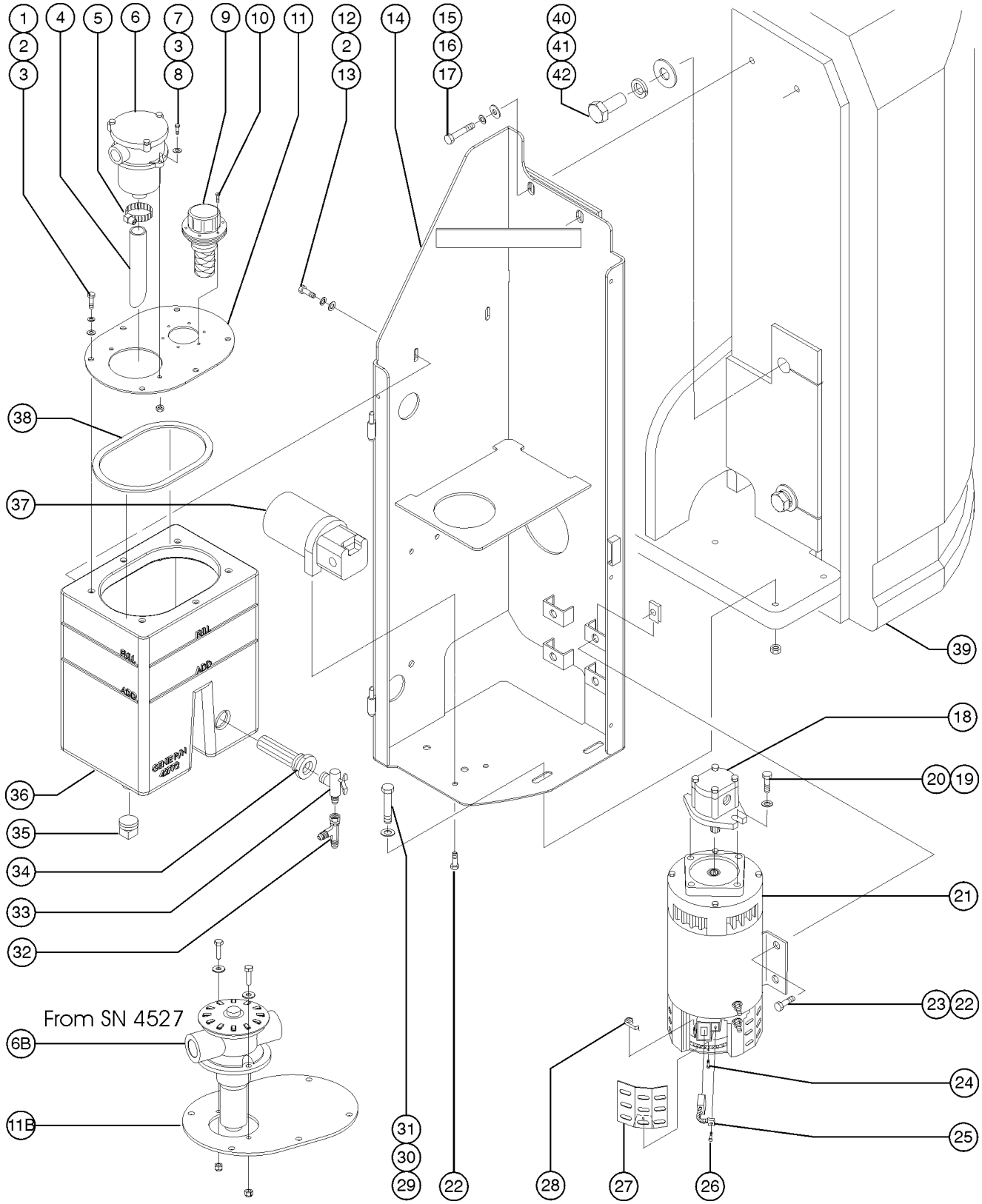
Item	Part No.	Description	Qty.
-	56445GT	DIODE,6 AMP 200 PIV,REEL	
1	37129GT	PANEL,GROUND CONTROL W/ DECAL includes item 3; to SN 3705	1
1-	74157GT	ASSEMBLY,BASE CONTROL PANEL includes item 3; from SN 3706 to SN 4082	
1-	74322GT	ASSEMBLY,CONTROL PANEL includes item 3; from SN 4082 to SN 6289	
1-	101965GT	GROUND CONTROL PANEL ASSY includes item 3; from SN 6290	
2	19506GT	HOUR METER, 10-80 VOLTS***	1
3	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
4	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
4-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
4-	66821GT	BASE,WITHOUT CONTACTS	
4-	66818GT	CONTACT,NC	
4A	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
4A-	66821GT	BASE,WITHOUT CONTACTS	
4A-	66818GT	CONTACT,NC	
5	147093GT	ASSY, CIRCUIT BREAKER 10A includes mounting nut	1
6	13511GT	RECEPTICAL,SNAP-IN (1450G1)***	1
6-	13930GT	SWITCH ASSY,REMOTE BRAKE REL.	
7A	122512GT	KIT,KEYSWITCH SVC BB & SM BOOM to SN 6289	
7A-	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** includes keyswitch and two keys, not included: base or contacts.	
7A-	66816GT	CONTACT,N.O.***	
7A-	66821GT	BASE,WITHOUT CONTACTS	
7A-	122366GT	KEYSWITCH,CONTACTS LOCK	
7B	96008-SGT	KEYSWITCH,3 POS. W/KEYS*** from SN 6290	
7B-	85239GT	RETAINER NUT (96008)***	
7B-	88827GT	GASKET,KEYSWITCH,PLASTIC***	
7B-	96010GT	SCREW,PHILLIPS,PHM,8-32 X.25**	
7B-	83093GT	KEY SINGLE***	
7B-	37947GT	KEYS,10 PACK***	

304.1 Ground Control Panel



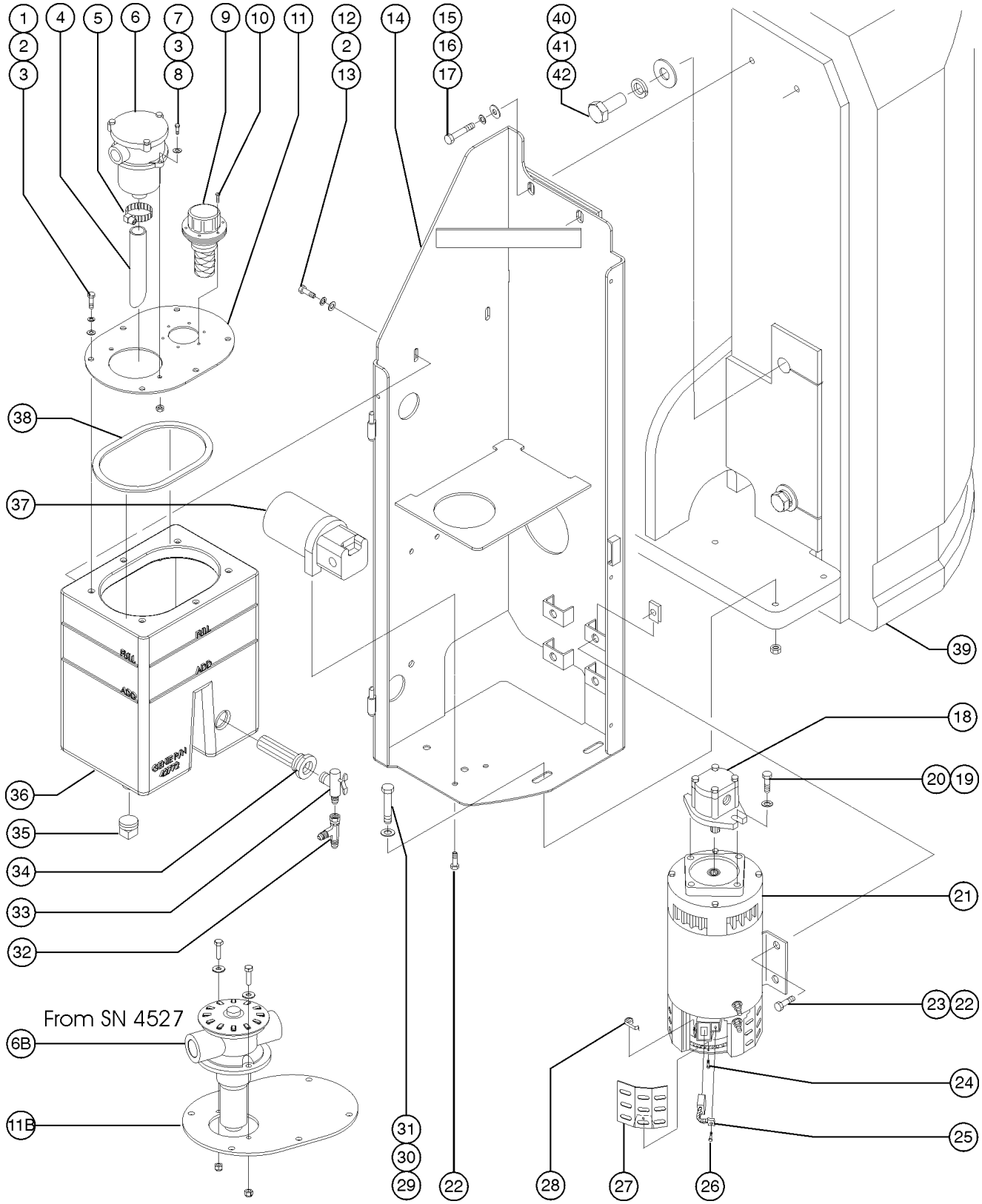
Item	*Part No.*	*Description*	*Qty.*
8	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN includes mounting fasteners; Z-30/20NRJ models	1
8-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
8-	54692GT	SPACER,NYLON,.718 X .526 X.219	
8-	19268GT	DIODE ASSEMBLY	
9	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN includes mounting fasteners	7
9-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
9-	54692GT	SPACER,NYLON,.718 X .526 X.219	
9-	19268GT	DIODE ASSEMBLY	
10	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* includes mounting fasteners	1
10-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10-	54692GT	SPACER,NYLON,.718 X .526 X.219	
11	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN includes mounting fasteners	1
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
11-	13471GT	COVER, AUXILIARY POWER SWITCH	
11-	54692GT	SPACER,NYLON,.718 X .526 X.219	

305.1 Power Unit Side (to SN 12039)



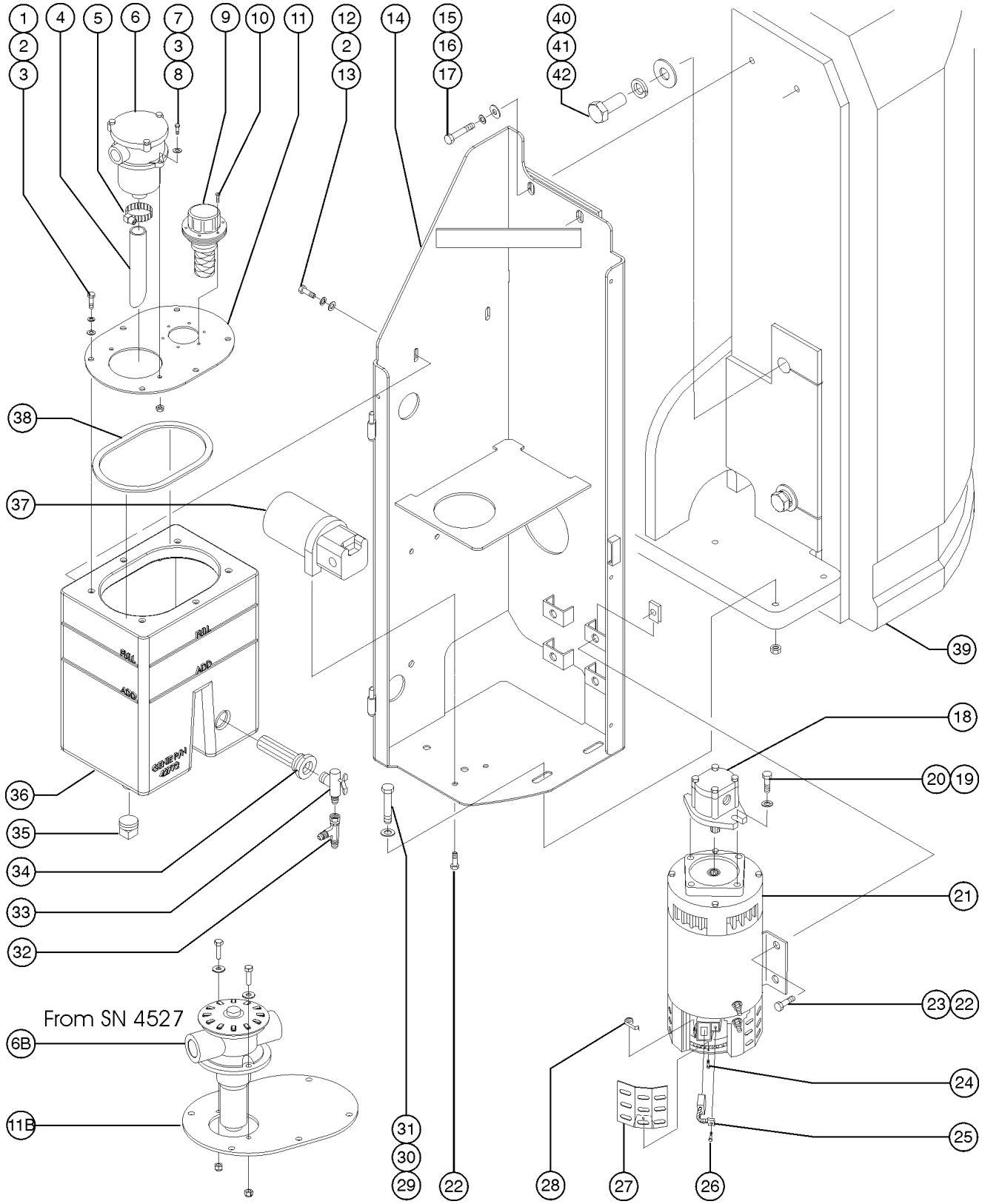
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	42929GT	HOSE,RET.FILTER DWN TUBE RUBBE	1
5	30348GT	CLAMP,HOSE,1.00	
6A	T109281GT	FILTER ASSY,RETURN use with lid 42922GT. To SN 4526.	1
6A-	58995GT	FILTER ELEMENT,RETURN use with lid 42922GT. To SN 4526.	
6B	110947GT	HYDRAULIC FILTER ASSY use with lid 74088GT. From SN 4527 to 12039.	1
6B-	58208GT	O-RING,FILTER,RETURN TANK use with lid 74088GT. From SN 4527 to 12039.	
6B-	226148GT	ELEMENT,RETURN FILTER use with lid 74088GT. From SN 4527 to 5522.	
6B-	74634GT	FILTER ELEMENT RFM90 use with lid 74088GT. From SN 5523 to 12039.	
6B-	128674GT	CAP,HYDRAULIC FILTER ASSY use with lid 74088GT. From SN 4527 to 12039.	
6B-	128675GT	SEAL KIT,HYDRAULIC FILTER ASSY use with lid 74088GT. From SN 4527 to 12039.	
7	6888GT	SCREW, HHC, 1/4-20 X 1	
7-	8915GT	SCREW, HHC, 1/4-20 X 1.25	
8	6091GT	NUT, NYLOCK, 1/4-20	
9	53534GT	FILTER SCREEN,TANK BREATHER	1
10	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
11A	42922-SGT	PLATE,TANK LID (SERVICE) To SN 4526.	1
11B	74088GT	PLATE,HYDRALIC TANK LID From SN 4527 to 12039.	
12	8914GT	SCREW, HHC, 1/4-20 X .625	
13	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
14	94428GT	WELDMENT,COVER SUPPORT RH***	
15	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
16	6021GT	WASHER, LOCK, .375	
17	15086GT	WASHER,FLAT,.375 X 1.5 X .125 use until exhausted, replaced by 824120	
17B	824120GT	WASHER, FLAT, .375 X 1.50 X .125, ZAG	
18	77981GT	PUMP,LIFT,3CC,CCW***	1

305.1 Power Unit Side (to SN 12039)



Item	Part No.	Description	Qty.
18-	77990GT	KIT,SEAL,3CC PUMP***	
19	55921GT	SCREW, SHC, 3/8-24 X 1.25"	
20	22700GT	WASHER,LOCK,M10	
21	58932GT	BRUSH SET 4 EA for motor 48504GT; verify part number prior to ordering	1
21-	44778GT	BEARING,MOTOR,36843,BRUSH END*	1
21-	58934GT	BRUSH BOX ASSEMBLY for motor 48504GT; verify part number prior to ordering	
21-	44777GT	BEARING,MOTOR for motor 48504GT; verify part number prior to ordering	
21-	52915GT	BRUSH LEAD ASSEMBLY KIT(48504) for motor 48504GT; verify part number prior to ordering	
21-	48504GT	MOTOR,FUNCTION,48V DC	1
22	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	
23	36456GT	SPRING CLIP,5/16-18,.025-.15X.83,ZAG	
24	52914GT	SCREW,HHTAPTITE THREAD8-32X.38	
25	58932GT	BRUSH SET 4 EA	
26	52913GT	SCREW,HH TAPETITE THRD8-32X.50	
27	58936GT	BRUSH COVER -PLATE-(48504)*	
28	58933GT	BRUSH SPRING SET	
29	14033GT	SCREW, HHC, 3/8-16 X 2.75	
30	6097GT	WASHER, FLAT, USS, 3/8", Y	
31	4828GT	NUT, NYLOCK, 3/8-16	
32	48938GT	FITTING,TEE,RUN,SWIVEL520432-8	1
33	42920GT	VALVE,BALL,90DEG.-8NPTF/-8NPTM	1
34	36998GT	STRAINER ASSY 1"NPT TANK MTD	1
35	56022GT	PLUG,3/4 MAGNETIC PIPE SQ.DRV	1
36A		HYDRAULIC TANK from SN 1932 to 2007; consult factory	
36B	128810GT	KIT, HYDRAULIC TANK from SN 2008 to 12039	1
37	36179GT	POWER UNIT,AUX PUMP 24VDC	1
37-	37186GT	VALVE,CHECK (36179)	
37-	37185GT	PUMP ASSEMBLY (36179) Part 37185GT is no longer backwards compatible with 37184GT. Order complete Aux Pump 36179GT	

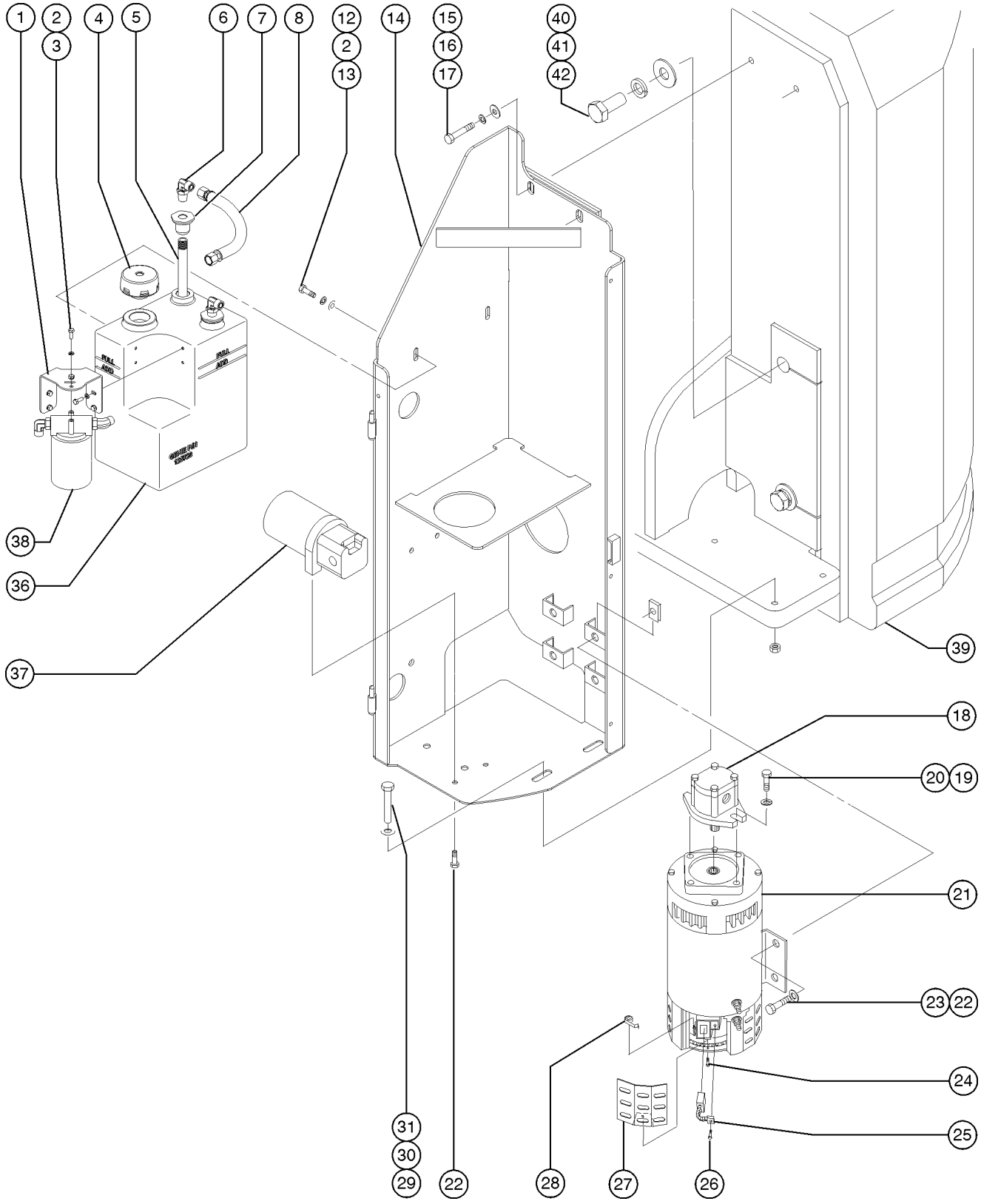
305.1 Power Unit Side (to SN 12039)



305.1 Power Unit Side (to SN 12039)

Item	Part No.	Description	Qty.
37-	37184GT	MOTOR, 24V (36179)	
37-	37187GT	SEAL KIT, 37185 PUMP	
37-	37191GT	GASKET, PUMP / MOTOR (36179)	
37-	37192GT	COUPLER, PUMP / MOTOR (36179)	
38	42785GT	GASKET,HYDRAULIC TANK	
39	36086GT	COUNTERWEIGHT,Z30N cast iron; 5330 pounds	1
40	42078GT	SCREW,HHC,1-8 X 3 GRD.5	
41	29605GT	WASHER,LOCK,1"	
42	38859GT	WASHER,FLAT,USS,1",Y	

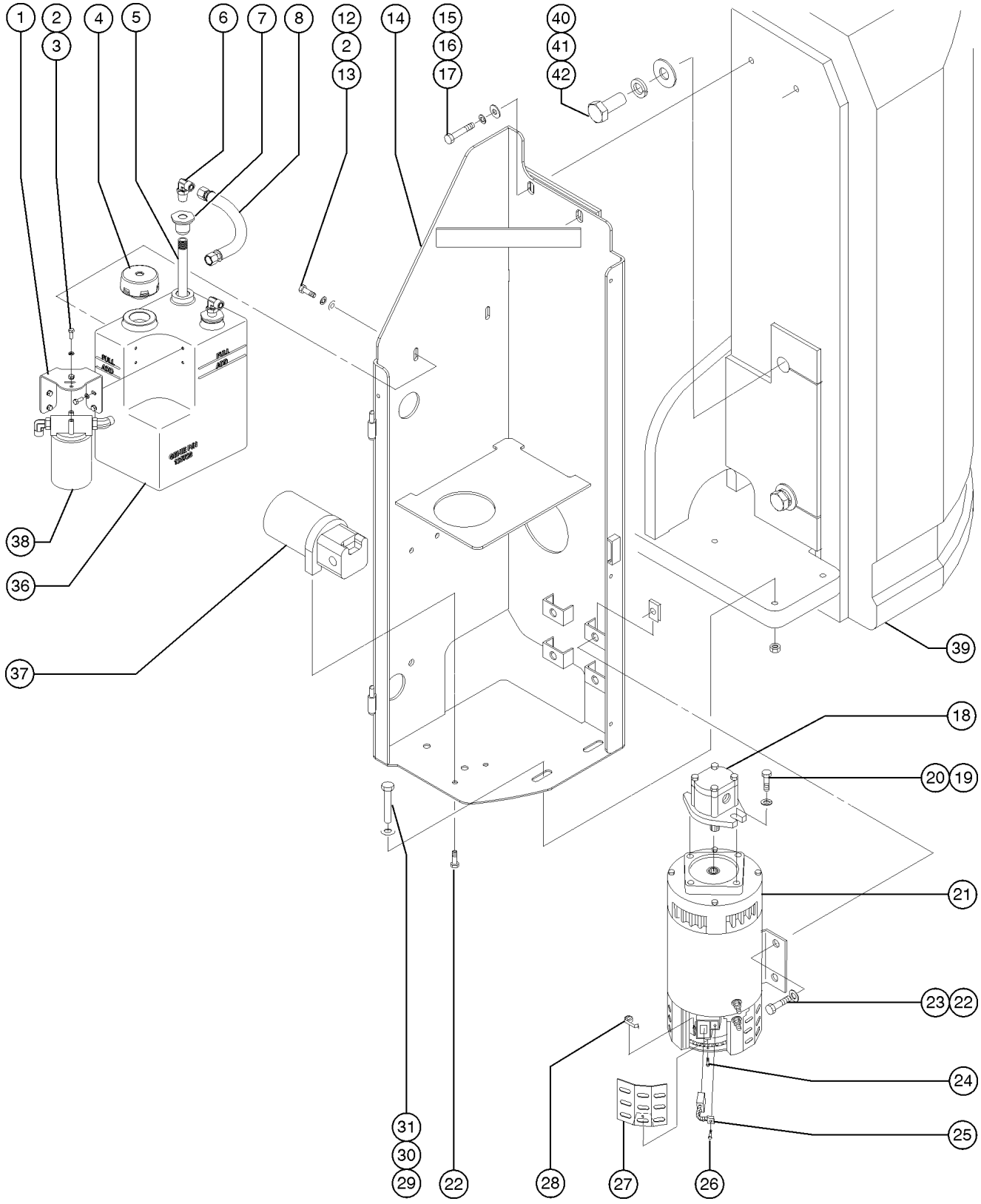
305.2 Power Unit Side (from SN 12040)



305.2 Power Unit Side (from SN 12040)

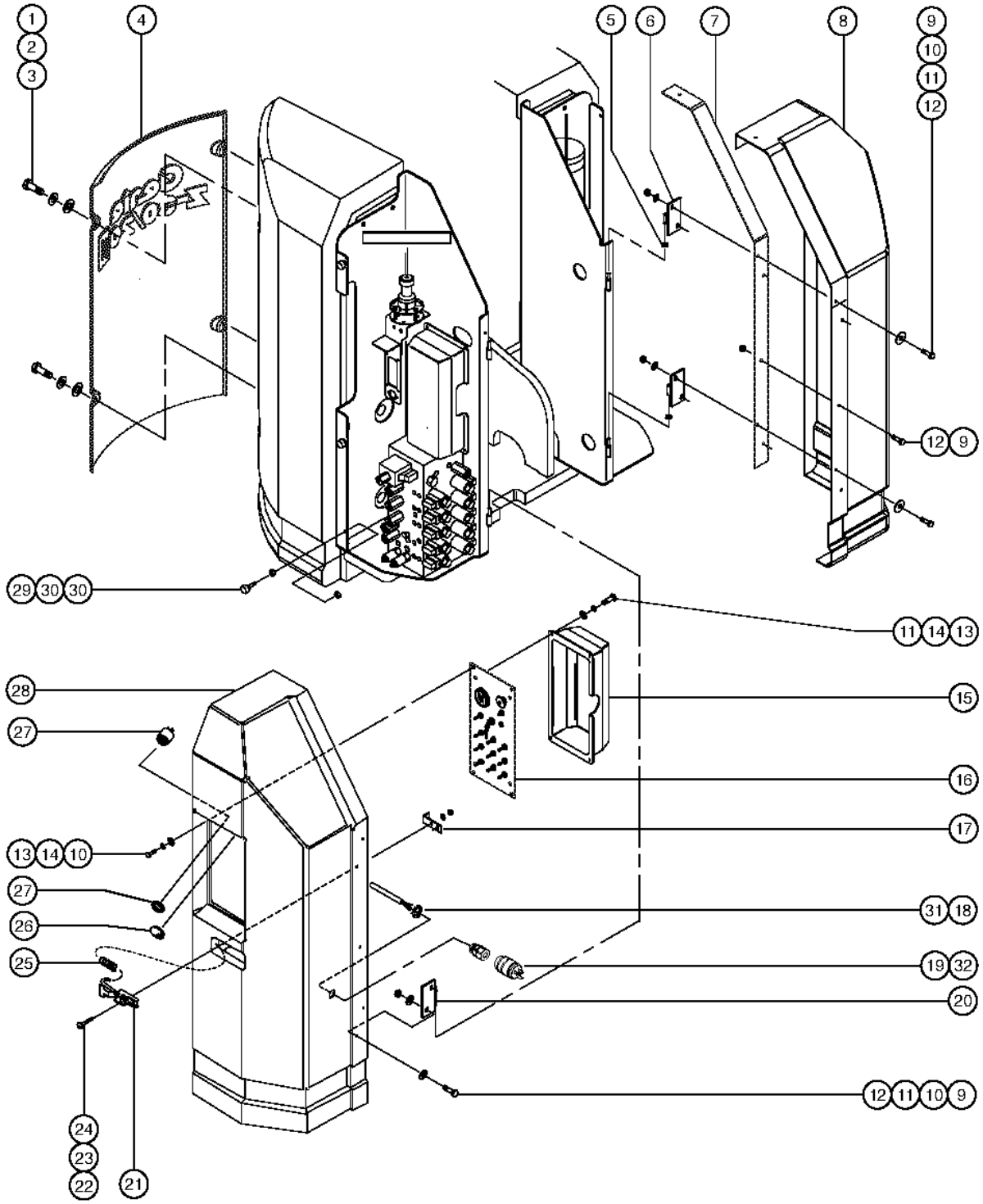
Item	Part No.	Description	Qty.
1	128808GT	BRACKET, RETURN FILTER	1
2	6356GT	WASHER, LOCK, .25	
3	6090GT	SCREW, HHC, 1/4-20 X .75	
4	42019GT	TANK BREATHER,NYLON **	1
5	128818GT	TUBE, HYDRAULIC TANK	2
6	128811GT	ELBOW,90D,520201-8	2
7	39223GT	BULKHEAD FITTING,PLASTIC X 8**	2
8	81812-1188GT	ASSY, HOSE, HYD, -8, 2500, STR, STR	1
12	8914GT	SCREW, HHC, 1/4-20 X .625	
13	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
14	94428GT	WELDMENT,COVER SUPPORT RH***	
15	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
16	6021GT	WASHER, LOCK, .375	
17	15086GT	WASHER,FLAT,.375 X 1.5 X .125 use until exhausted, replaced by 824120	
17B	824120GT	WASHER, FLAT, .375 X 1.50 X .125, ZAG	
18	77981GT	PUMP,LIFT,3CC,CCW***	1
18-	77990GT	KIT,SEAL,3CC PUMP***	
19	55921GT	SCREW, SHC, 3/8-24 X 1.25"	
20	22700GT	WASHER,LOCK,M10	
21	48504GT	MOTOR,FUNCTION,48V DC	1
21-	58932GT	BRUSH SET 4 EA for motor 48504GT; verify part number prior to ordering	1
21-	44778GT	BEARING,MOTOR,36843,BRUSH END*	1
21-	58934GT	BRUSH BOX ASSEMBLY for motor 48504GT; verify part number prior to ordering	
21-	44777GT	BEARING,MOTOR for motor 48504GT; verify part number prior to ordering	
21-	52915GT	BRUSH LEAD ASSEMBLY KIT(48504) for motor 48504GT; verify part number prior to ordering	
22	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	
23	36456GT	SPRING CLIP,5/16-18,.025-.15X.83,ZAG	
24	52914GT	SCREW,HHTAPTITE THREAD8-32X.38	

305.2 Power Unit Side (from SN 12040)



Item	Part No.	Description	Qty.
25	58932GT	BRUSH SET 4 EA	
26	52913GT	SCREW,HH TAPETITE THRD8-32X.50	
27	58936GT	BRUSH COVER -PLATE-(48504)*	
28	58933GT	BRUSH SPRING SET	
29	14033GT	SCREW, HHC, 3/8-16 X 2.75	
30	6097GT	WASHER, FLAT, USS, 3/8", Y	
31	4828GT	NUT, NYLOCK, 3/8-16	
36	128728GT	HYDRAULIC TANK,Z30N	1
37	36179GT	POWER UNIT,AUX PUMP 24VDC	1
37-	37186GT	VALVE,CHECK (36179)	
37-	37185GT	PUMP ASSEMBLY (36179) Part 37185GT is no longer backwards compatible with 37184GT. Order complete Aux Pump 36179GT	
37-	37184GT	MOTOR, 24V (36179)	
37-	37187GT	SEAL KIT, 37185 PUMP	
37-	37191GT	GASKET, PUMP / MOTOR (36179)	
37-	37192GT	COUPLER, PUMP / MOTOR (36179)	
38	78622GT	FILTER ASSY,SAE8,10 MIC,PAPR**	1
38-	44788GT	FILTER ELEMENT-10MICRON, PAPER*	1
39	36086GT	COUNTERWEIGHT,Z30N cast iron; 5330 pounds	1
40	42078GT	SCREW,HHC,1-8 X 3 GRD.5	
41	29605GT	WASHER,LOCK,1"	
42	38859GT	WASHER,FLAT,USS,1",Y	

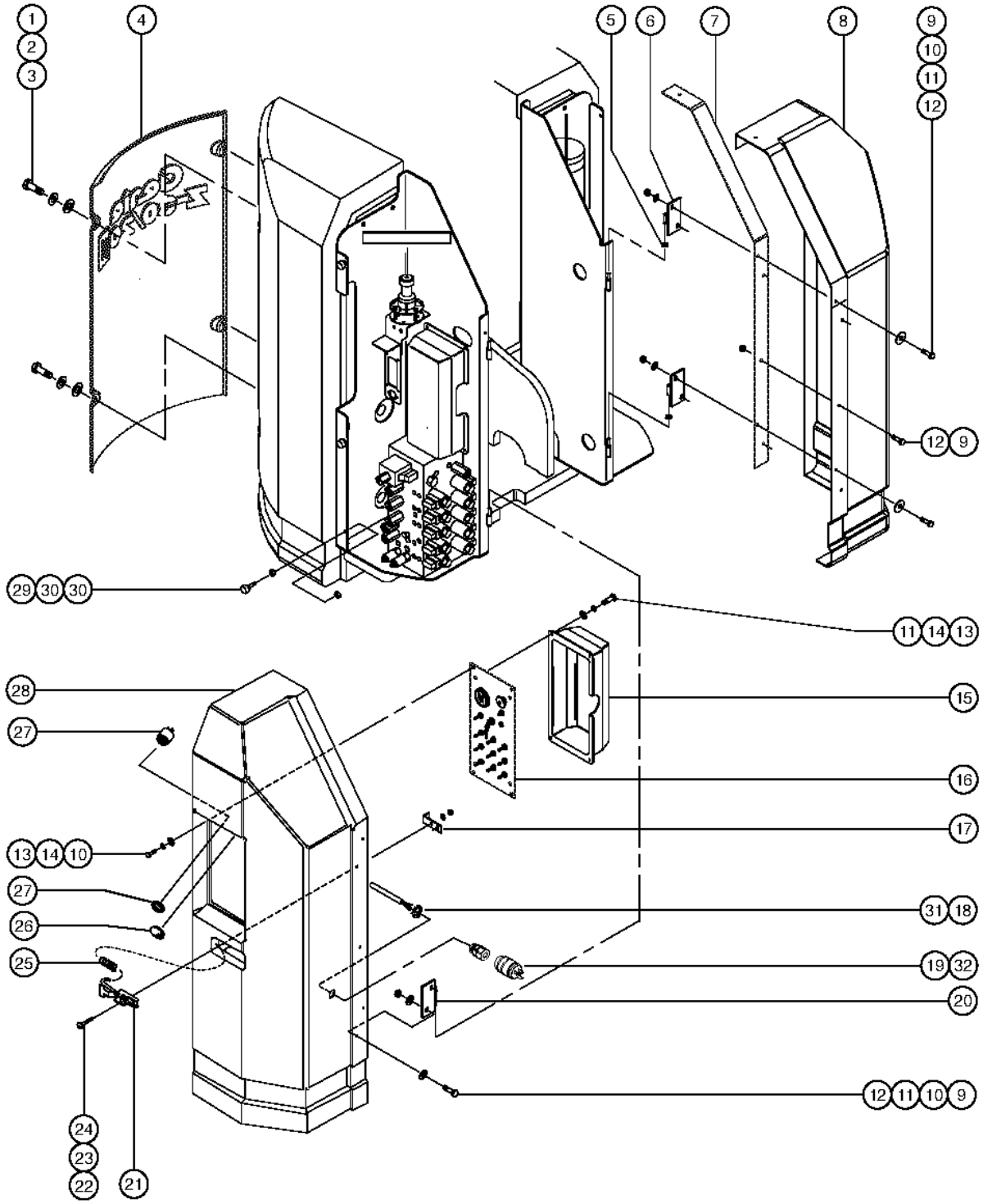
306.1 Turntable Covers (to SN 10538)



306.1 Turntable Covers (to SN 10538)

Item	Part No.	Description	Qty.
1	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	58108GT	COVER W/DECALS,COUNTERWEIGHT**	1
5	36457GT	WASHER,THRUST,.313 X .50 X .10	
6	36414GT	HINGE,WELD.,COVER,PUMP GRY/BLU	2
7	36391GT	BRACE,RIGHT HINGE	1
8	37106GT	COVER ASSY W/DECALS,HPU SIDE includes items 17, and 21-25; to SN 6289	1
8-	101969GT	COVER ASSY W/DECAL,PUMP SIDE includes items 17, and 21-25; from SN 6290	
8-	101970GT	COVER ASSY W/SYM DCAL,PUMP SID includes items 17 and 21-25; from SN 6290	
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
11	6638GT	WASHER, FLAT, USS, 1/4"Y	
12	6091GT	NUT, NYLOCK, 1/4-20	
13	6090GT	SCREW, HHC, 1/4-20 X .75	
14	6356GT	WASHER, LOCK, .25	
15	36257GT	COVER,CONTROL PANEL	1
16		Ref. Control Panel Assembly (refer to 304.1)	
17	36570GT	BRACKET,COVER LATCH	2
18	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
19	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
20	36415GT	HINGE,WELD,COVER,CTRLS GRY/BLU	2
21	36575GT	LATCH,ADJUSTABLE DRAW	2
22	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
23	6146GT	WASHER,FLAT,MS,#10,Y	
24	6178GT	NUT, NYLOCK, 10-32	
25	36574GT	SPRING,EXTENSION,.36 X 1.25	2
26	45385GT	PLUG,NYLON 1.12 BLACK DOMED	1

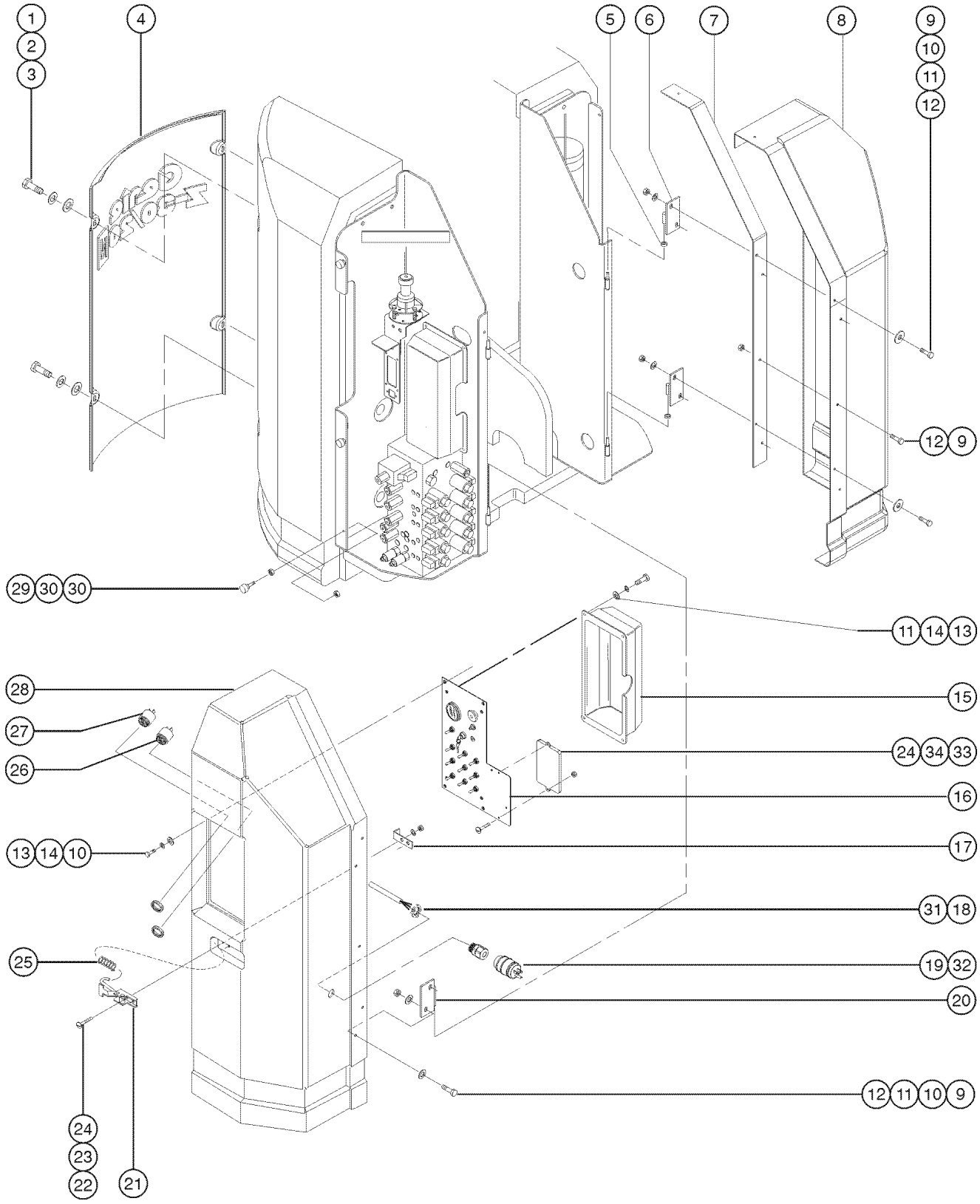
306.1 Turntable Covers (to SN 10538)



306.1 Turntable Covers (to SN 10538)

Item	Part No.	Description	Qty.
27	18963GT	ALARM, INTERMITTENT TONE 6-30V* Does not include 72326GT nut	1
27-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
28A	37105GT	COVER ASSY.W/D G.C.SIDE,ANSI USA/Canada to SN 3705; includes items 17 and 21-25	1
28A	74447GT	COVER ASSY W/DC GC SIDE,ANSI USA/Canada/Australia from SN 3706 to 6289; includes items 17 and 21-24	
28A	101967GT	COVER ASSY W/DECAL,GRND CTRL USA/Canada/Australia from SN 6290; includes items 17 and 21-25	
28A-	36392GT	BRACE,LEFT HINGE	
28B	74765GT	COVER ASSY. W/D G.C.SIDE,CE** CE/Asia/South America to SN 3705; includes items 17 and 21-25	
28B	74803GT	COVER ASSY.W/D G.C.SIDE,CE CE/Asia/South America from SN 3706 to 6289; includes items 17 and 21-25	
28B	101968GT	COVER ASSY W/SYM DCAL,GC SIDE CE/Asia/South America; includes items 17 and 21-25; from SN 6290	
28B-	36392GT	BRACE,LEFT HINGE	
29	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	3
30	6357GT	NUT,HEX,1/4-20	
31	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	756 inches
32	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
32-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
32-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
32-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
32-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
32-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	
33	128045GT	MODULE,LOAD SENSE 2007	
34	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	

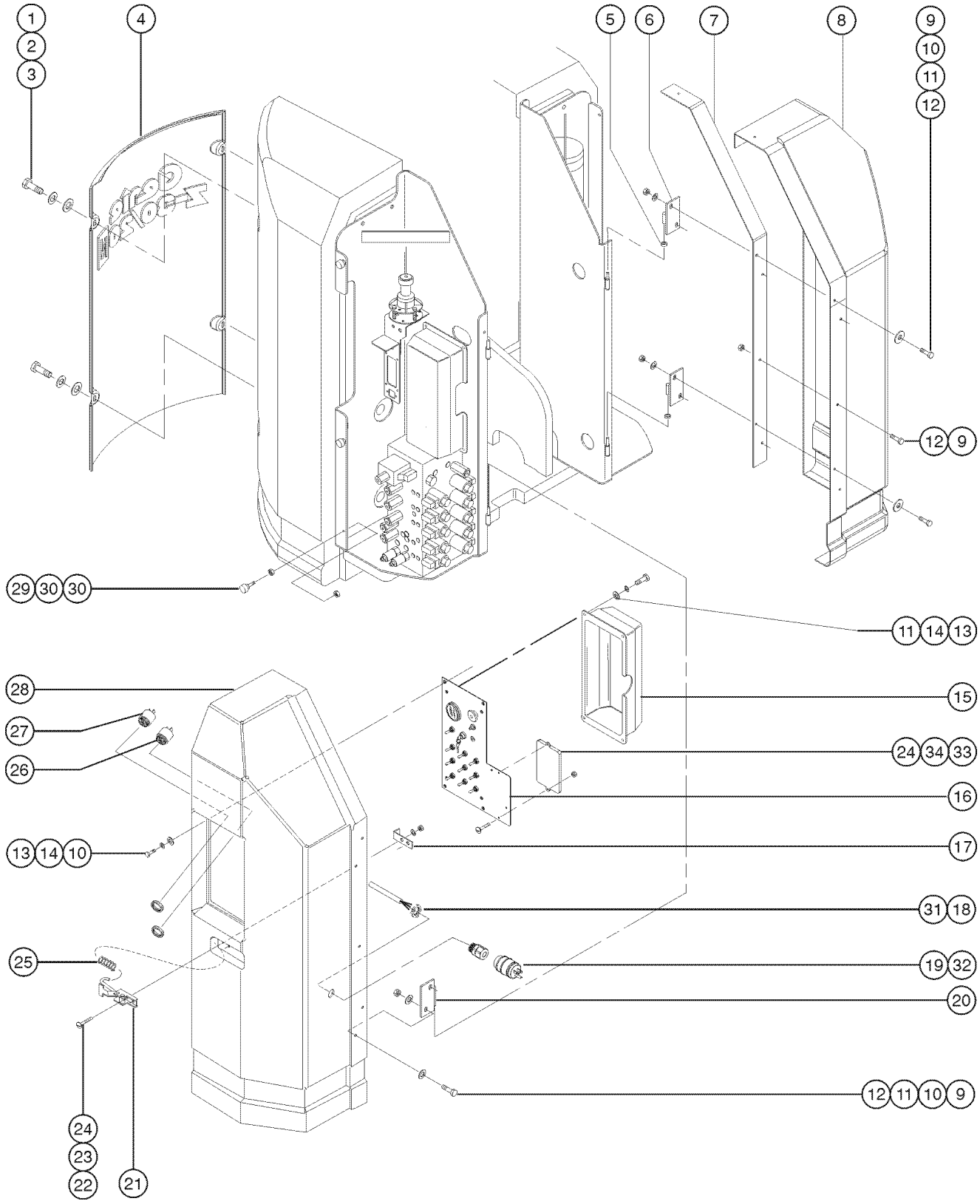
306.2 Turntable Covers (from SN 10539)



306.2 Turntable Covers (from SN 10539)

Item	Part No.	Description	Qty.
1	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	58108GT	COVER W/DECALS,COUNTERWEIGHT**	1
5	36457GT	WASHER,THRUST,.313 X .50 X .10	
6	36414GT	HINGE,WELD.,COVER,PUMP GRY/BLU	2
7	36391GT	BRACE,RIGHT HINGE	1
8A	101969GT	COVER ASSY W/DECAL,PUMP SIDE includes items 17, and 21-25	
8B	101970GT	COVER ASSY W/SYM DCAL,PUMP SID includes items 17 and 21-25	
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
11	6638GT	WASHER, FLAT, USS, 1/4"Y	
12	6091GT	NUT, NYLOCK, 1/4-20	
13	6090GT	SCREW, HHC, 1/4-20 X .75	
14	6356GT	WASHER, LOCK, .25	
15	36257GT	COVER,CONTROL PANEL	1
16		Ref. Control Panel Assembly (refer to 304.1)	
17	36570GT	BRACKET,COVER LATCH	2
18	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
19	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
20	36415GT	HINGE,WELD,COVER,CTRLS GRY/BLU	2
21	36575GT	LATCH,ADJUSTABLE DRAW	2
22	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
23	6146GT	WASHER,FLAT,MS,#10,Y	
24	6178GT	NUT, NYLOCK, 10-32	
25	36574GT	SPRING,EXTENSION,.36 X 1.25	2
26	45462GT	ALARM,CHIME TONE 5-25VDC*** Does not include 72326GT nut	1
26-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1

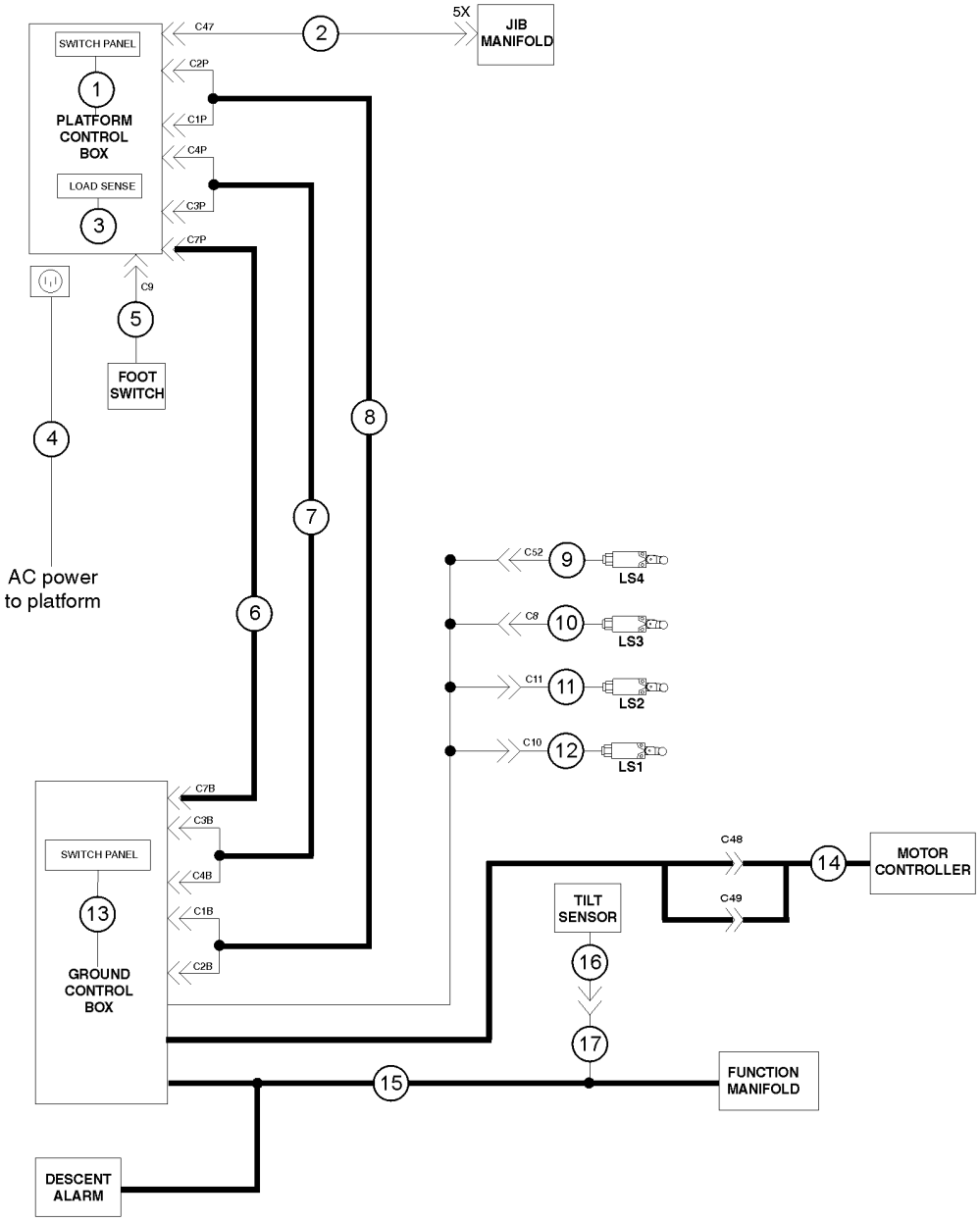
306.2 Turntable Covers (from SN 10539)



306.2 Turntable Covers (from SN 10539)

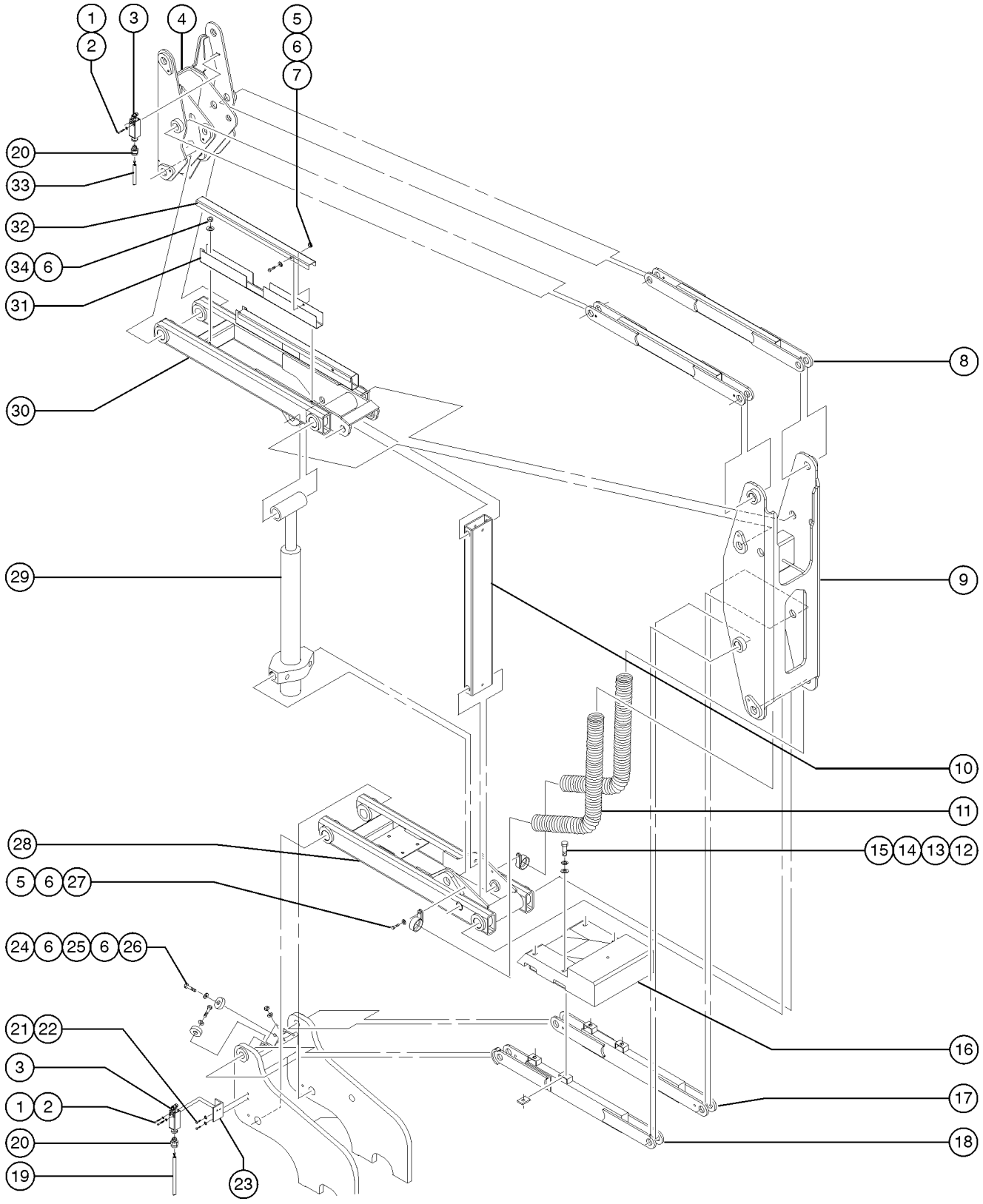
Item	Part No.	Description	Qty.
27	18963GT	ALARM, INTERMITTENT TONE 6-30V* Does not include 72326GT nut	1
27-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
28A	101967GT	COVER ASSY W/DECAL,GRND CTRL USA/Canada/Australia; includes items 17 and 21-25	
28A-	36392GT	BRACE,LEFT HINGE	
28B	101968GT	COVER ASSY W/SYM DCAL,GC SIDE CE/Asia/South America; includes items 17 and 21-25	
28B-	36392GT	BRACE,LEFT HINGE	
29	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	3
30	6357GT	NUT,HEX,1/4-20	
31	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	
32	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
32-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
32-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
32-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
32-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
32-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	
33	128045GT	MODULE,LOAD SENSE 2007	
34	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	

307.1 Wire Harness Diagram



Item	Part No.	Description	Qty.
1A	110644GT	HARNESS,PLAT BOX,Z30/34DC to Z30N13-14695	1
1B	110234GT	HARNESS,PBOX JUMPER,Z30/34DC to SN 14695	1
1C	237503GT	HARNESS,PLAT BOX,Z30/34DC from Z30N13-14696	1
1D	822872GT	HARNESS,PBOX JUMPER,Z30/34DC from Z30N13-14696	1
1E	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	
2A	110256GT	HARNESS JIB CABLE SMB to Z30N10-12101	1
2B	139584GT	HARNESS,JIB MANIFOLD,NON RJ from Z30N10-12102; non-rotating jib	1
2C	139585GT	HARNESS, JIB MANIFOLD, RJ from Z30N10 12102; rotating jib	1
3A	147251GT	HARNESS, LOAD SENSE CE units only	1
3B	217371GT	HARNESS,LOAD SENSE RECOVERY Australia units only	1
4	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	600
5	110255GT	ASSEMBLY FOOT SWITCH	1
6	110235GT	HARNESS CABLE2 12/3 COND.	1
7	110243GT	HARNESS CABLE1 18/19 COND. green and brown connectors	1
8	110239GT	HARNESS CABLE3 18/19 COND. black and gray connectors	1
9	110246GT	HARNESS LS4 OP SECONDARY	1
10	110232GT	HARNESS LS3 OP DRIVE ENABLE	1
11	110245GT	HARNESS LS2 OP PRIMARY	1
12	110244GT	HARNESS LS1 OP EXT/RET	1
13A	110251GT	HARNESS,BASE CONTROL,Z30/34DC to SN 14695	1
13B	237527GT	HARNESS,BASE CONTROL,Z30/34DC from Z30N13-14696	1
14A	128975GT	HARNESS DRIVE CHASSIS Z30/34DC from SN 8355	1
14B	822915GT	HARNESS, DRIVE CHASSIS, DC from SN 8355; for units with DC-DC converter	1
15	110249GT	HARNESS,FUNC. MAN.,Z30/34DC	1
16	1261450GT	ASSY,RECEP,24V,CSA TILT CSA units only; Z30N-5624 to Z30N-9999 & Z30N03-6106 to Z30N15-16298	1
17	1260219GT	HARNESS,TILT ALARM,24V,CSA CSA units only; Z30N-5624 to Z30N-9999 & Z30N03-6106 to Z30N15-16298	1

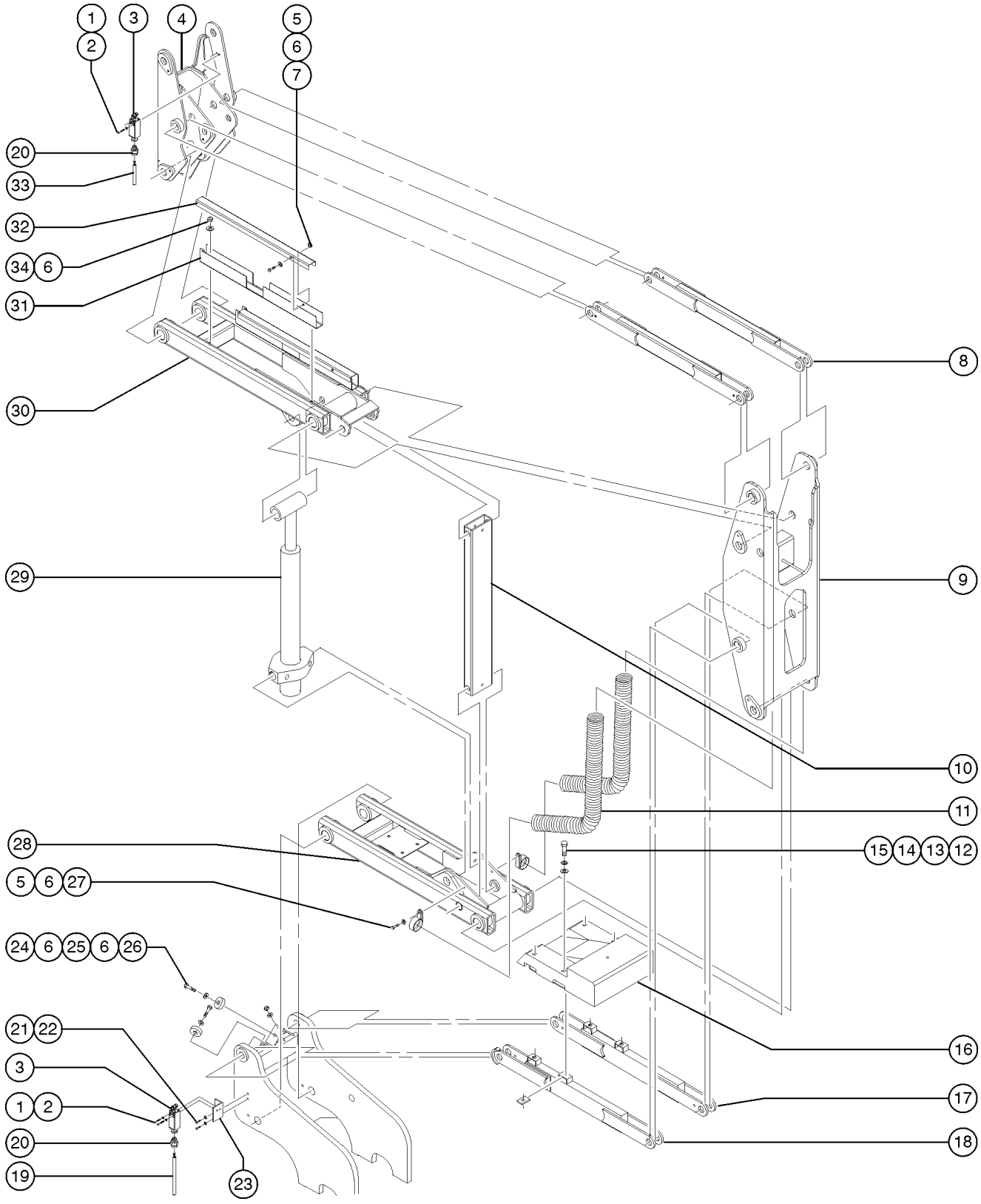
401.1 Secondary Boom - View 1



401.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
1	49821GT	SCREW,PHILLIPS,PHM,8-32 X 1.25	
2	6607GT	WASHER,LOCK,#10 PLTD	
3	88356-116R3GT	SWITCH,LIMIT,W/ROLLER ARM***	1
3-	19491GT	CONTACTOR,LIMIT SWITCH	
3-	88356-12103GT	SWITCH,LIMIT,W/ROLLER ARM	1
3-	76450GT	CONN.SQZ,PG 11,.07-.26,W/ORING	
3-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
3-	106428GT	LS STL ROLLER PLUNGER (ZCE02)	
3-	106429GT	LS METAL END PLUNGER (ZCE10)	
3-	97128GT	ROLLER ARM,LIMIT SWITCH***	
3-	106434GT	LS BLUE PLASTIC BODY (XCKP)	
3-	106086GT	HARNESS,LS,SEC LIFT LS4 Z30/34	
4	37125GT	UPPER MIDPIVOT ASSEMBLY,Z30N	1
5	6889GT	NUT,LP NYLOCK,1/4-20	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	4266GT	SCREW,HHC,1/4-20 X 2	
8	74945GT	COMPRESSION ARM WLDMT 38.50 **	2
9	40446GT	LOWER MIDPIVOT ASSY,Z34 &Z34N*	1
10	74232GT	CONNECTING LINK Z30N & Z34*** to SN 4427	1
10-	74232GT	CONNECTING LINK Z30N & Z34*** from SN 4428	1
11	42939-18700GT	WIRE LOOM,1.88 DIA. (187 inches long)	1
12	21604GT	SCREW,HHC,3/8-16 X 3.25	
13	6021GT	WASHER, LOCK, .375	
14	80605GT	WASHER,FLAT,3/8X1.5X.06	
15	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
16	36620GT	COUNTERWEIGHT,CAST,400 LBS.	1
17	94425GT	COMP ARM WELD LOWER, RIGHT***	1
18	128632GT	KIT, SERVICE, Z30 LWR COMP ARM to SN 11268	1

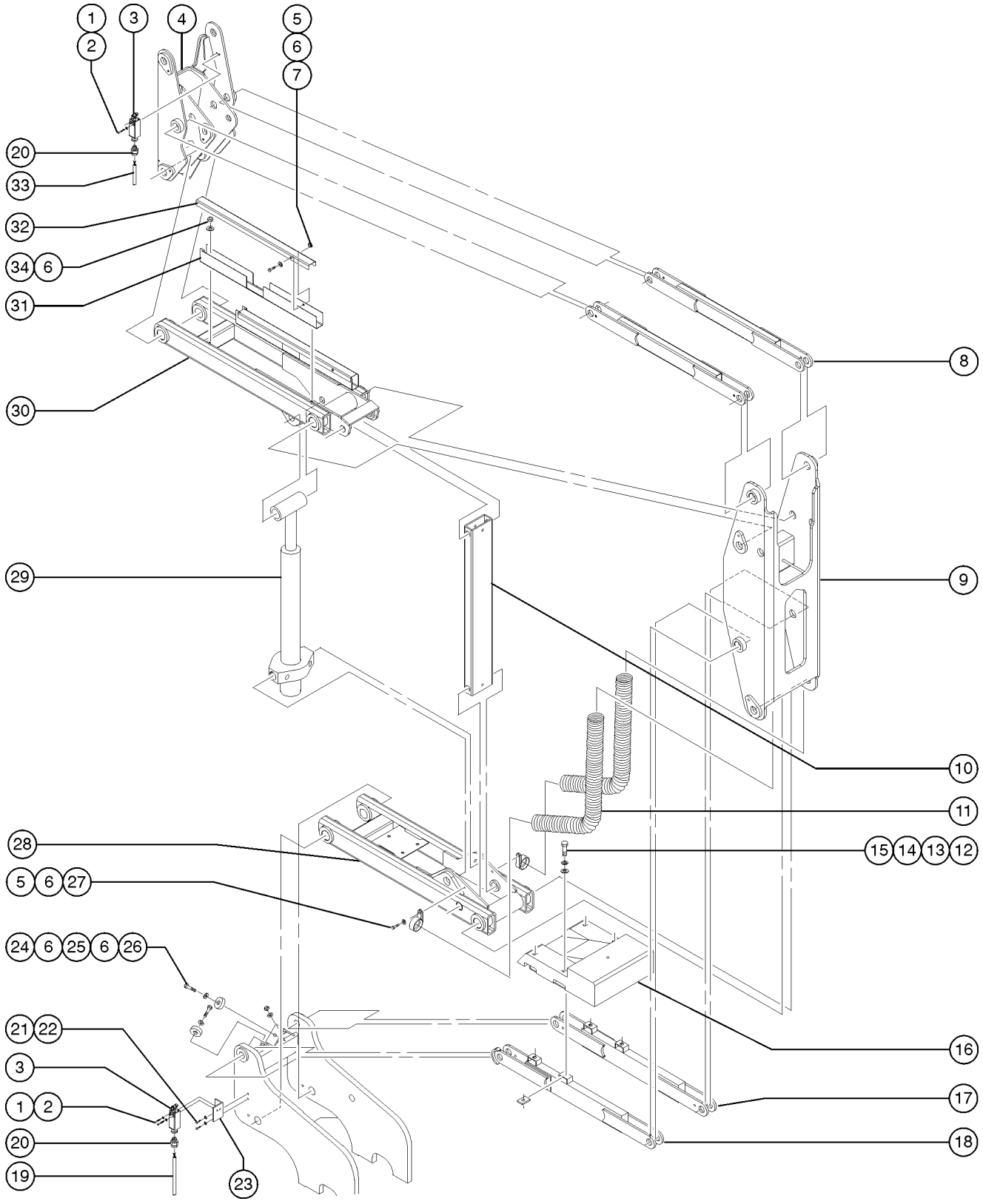
401.1 Secondary Boom - View 1



401.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
18	128634GT	WELDMENT, LWR COMPRESION ARM from SN 11269	
19	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	72 inches
20	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	
21	8914GT	SCREW, HHC, 1/4-20 X .625	
22	6356GT	WASHER, LOCK, .25	
23	42413GT	ANGLE,SWITCH MOUNT***	1
24	45425GT	SCREW,FHS,3/8-16 X .75 to SN 4469	
24-	8516GT	SCREW, HCC, 3/8-16 X 1.50 from SN 4470	
25	36366GT	PAD,UPPER PIVOT REST to SN 4469	2
25-	74085GT	REST PAD,UPPER PIVOT Z30N from SN 4470	
26	4828GT	NUT, NYLOCK, 3/8-16 from SN 4470	
27	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	
28	37127GT	LOWER SECONDARY BOOM ASSEMBLY*	1
28-	42610GT	HOSE TRACK,LOWER ARM Z30N from SN 2654	
28-	42611GT	HOSE TRACK COVER,LOWER ARM from SN 2654	
29	94211GT	CYLINDER,ELEVATE*** to SN 6843	1
29-	94254GT	SEAL KIT, 94211, 94254, 101349 from SN 6844	
29-	56757GT	SEAL KIT 42412 ELEVATE** to SN 6843	
29-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	
29-	101349GT	CYLINDER,ELEVATE, Z30N from SN 6844	1
29-	94254GT	SEAL KIT, 94211, 94254, 101349	
29-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	
30	37126GT	UPPER SECONDARY BOOM ASSEMBLY* to SN 4115	1
30-	74334GT	UPPER SECONDARY BOOM ASSEMBLY* from SN 4116	
31	74271GT	HOSE TRACK,UPPER***	
32	42609GT	HOSE TRACK COVER,UPPER ARM	
33	44133GT	WIRE CABLE,16/4 CON.TPE JKT*	184 inches

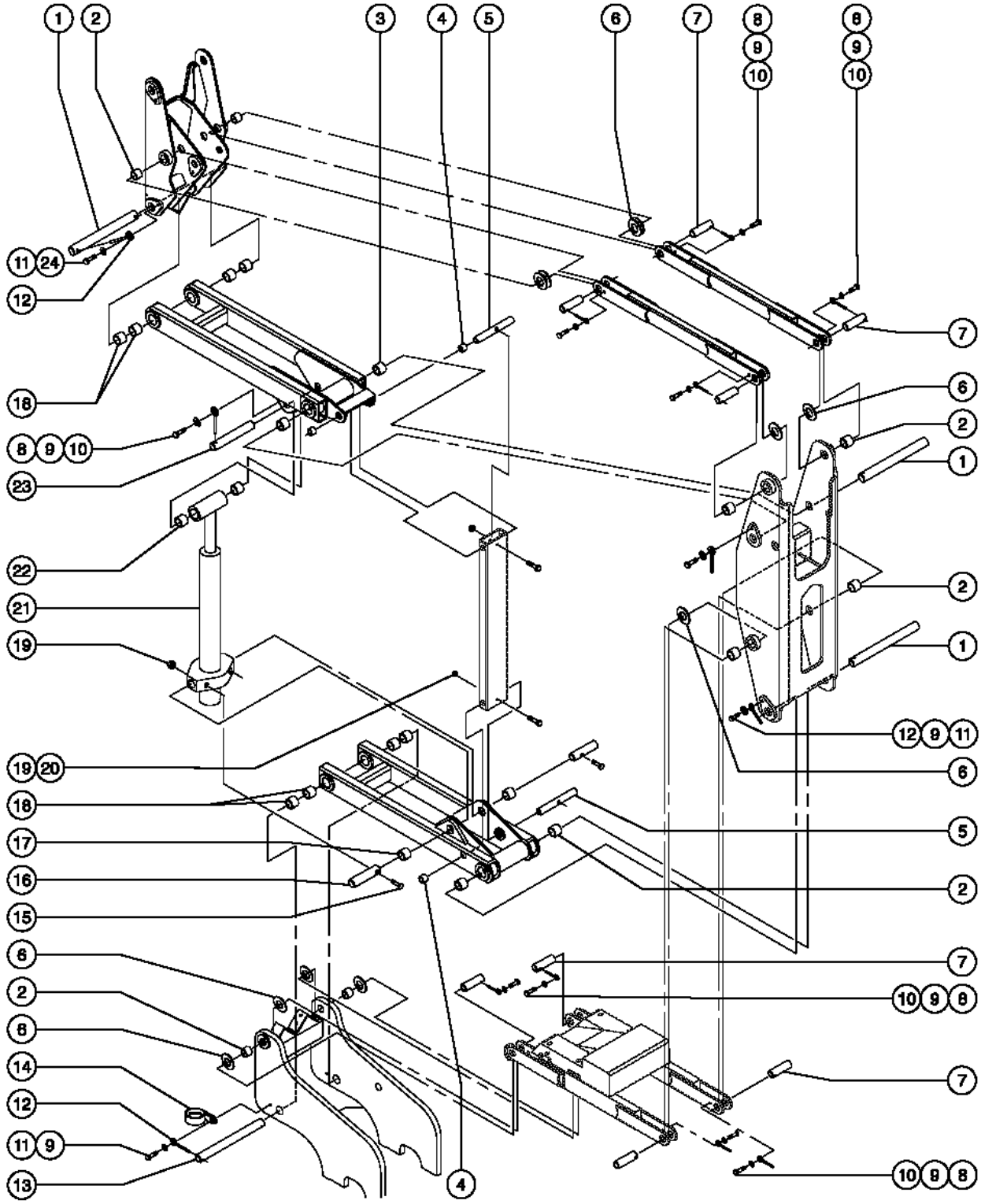
401.1 Secondary Boom - View 1



401.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
34	45444GT	NUT,ACORN 3/8-16 PLATED	4

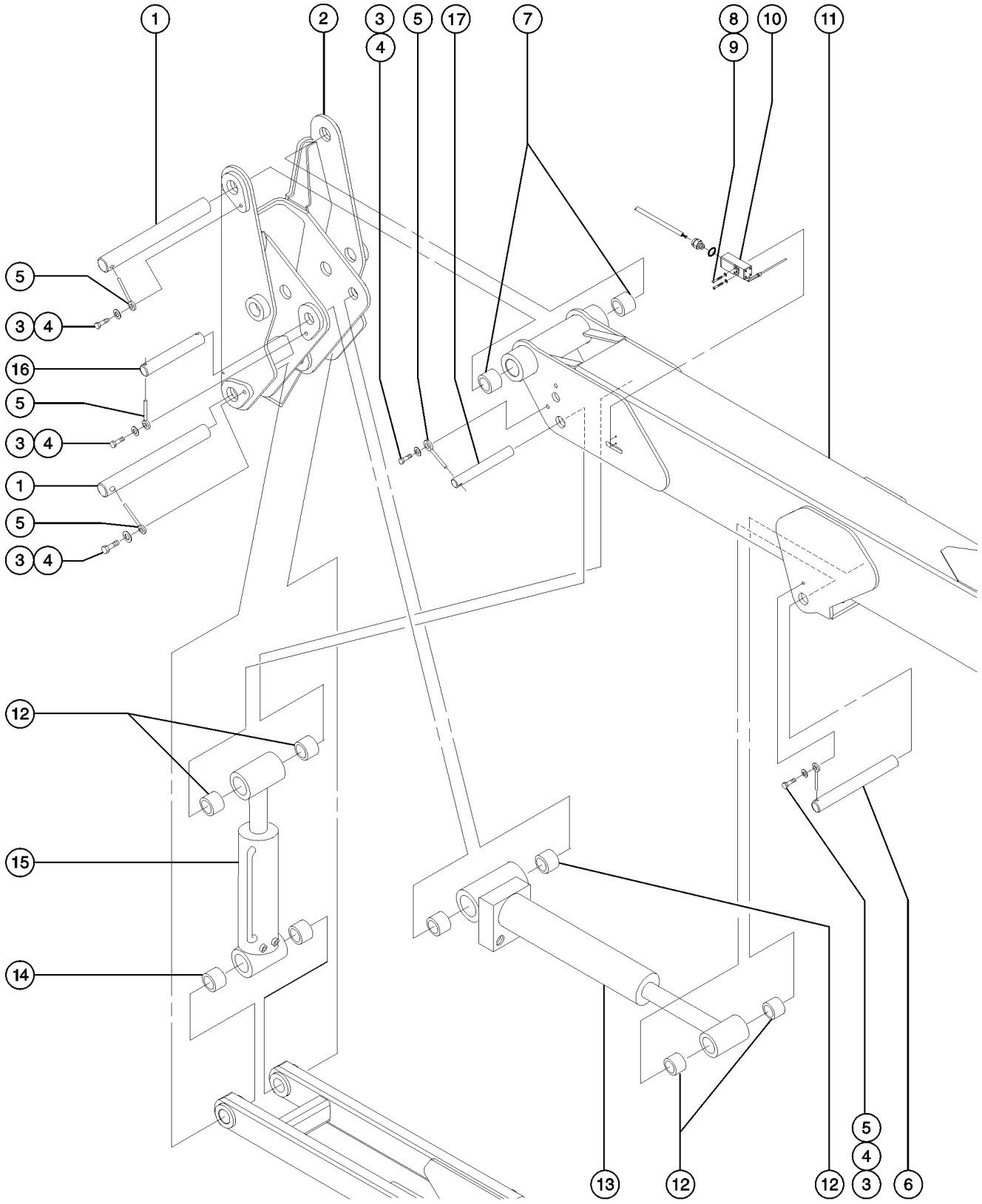
402.1 Secondary Boom - View 2



402.1 Secondary Boom - View 2

Item	Part No.	Description	Qty.
-	107935GT	KIT, SWING HOSE CLAMP, FIELD includes 106959GT, 106960PGT, 107933GT, 107934, and instructions 110148GT	
1	36194GT	PIN,1.50DIAX15.13LG,1HOLE	3
2	34245GT	BEARING,1.25IDX1.50X1.25L	10
3	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
4	36245GT	BEARING,FL,1.00IDX1.25ODX0.84L	4
5	36202GT	PIN,1.00DIAX7.25LG,1HOLE	2
6	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
7	36390GT	PIN,1.25DIAX3.63LG,THREADED	8
8	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	
9	6021GT	WASHER, LOCK, .375	
10	1255452GT	ROD END,.375 X 2.25,ZAG	7
11	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
12	825019GT	ROD END, .375X3.69, ZAG	3
13	36389GT	PIN,1.50DIAX16.13LG,1HOLE	1
14	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	
15	6326GT	SCREW,HHC,3/8-16 X 3	
16	36205GT	PIN,1.25DIAX3.00LG,THREADED	2
17	36246GT	BEARING,FL,1.25IDX1.50ODX1.09L	2
18	18396GT	BEARING,1.5IDX1.75ODX1.0L	4
19	4828GT	NUT, NYLOCK, 3/8-16	
20	36874GT	SCREW,BHHS,3/8-16 X 2.5	
21		Ref. Secondary Cylinder (refer to 401.1)	
22	25683GT	BEARING,POLYGON,20DU12	2
23	74089GT	PIN,1.25DIAx9.63LG,1HOLE	2
24	5397GT	WASHER, FLAT, USS, 5/16-18	

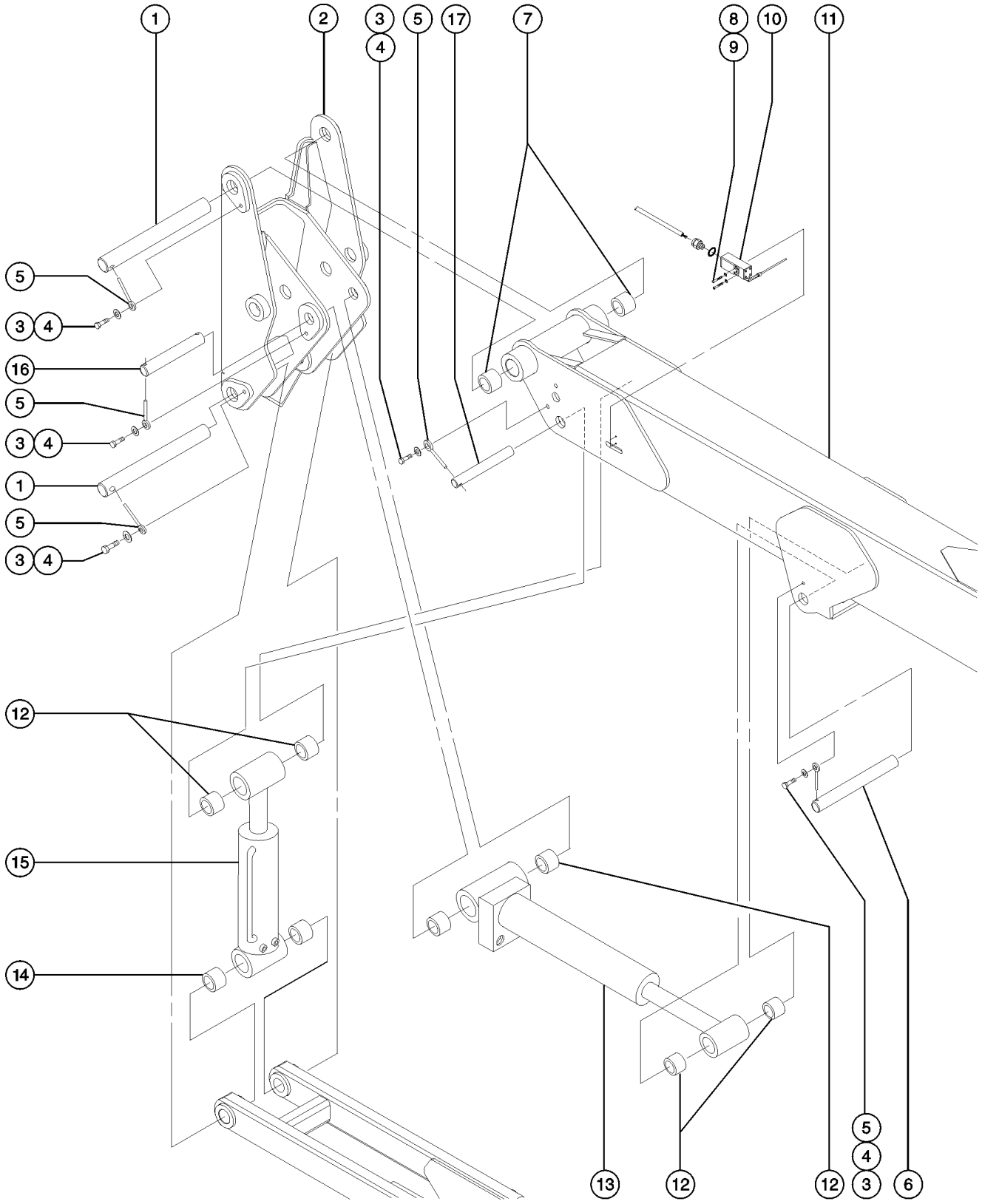
403.1 Upper Pivot



403.1 Upper Pivot

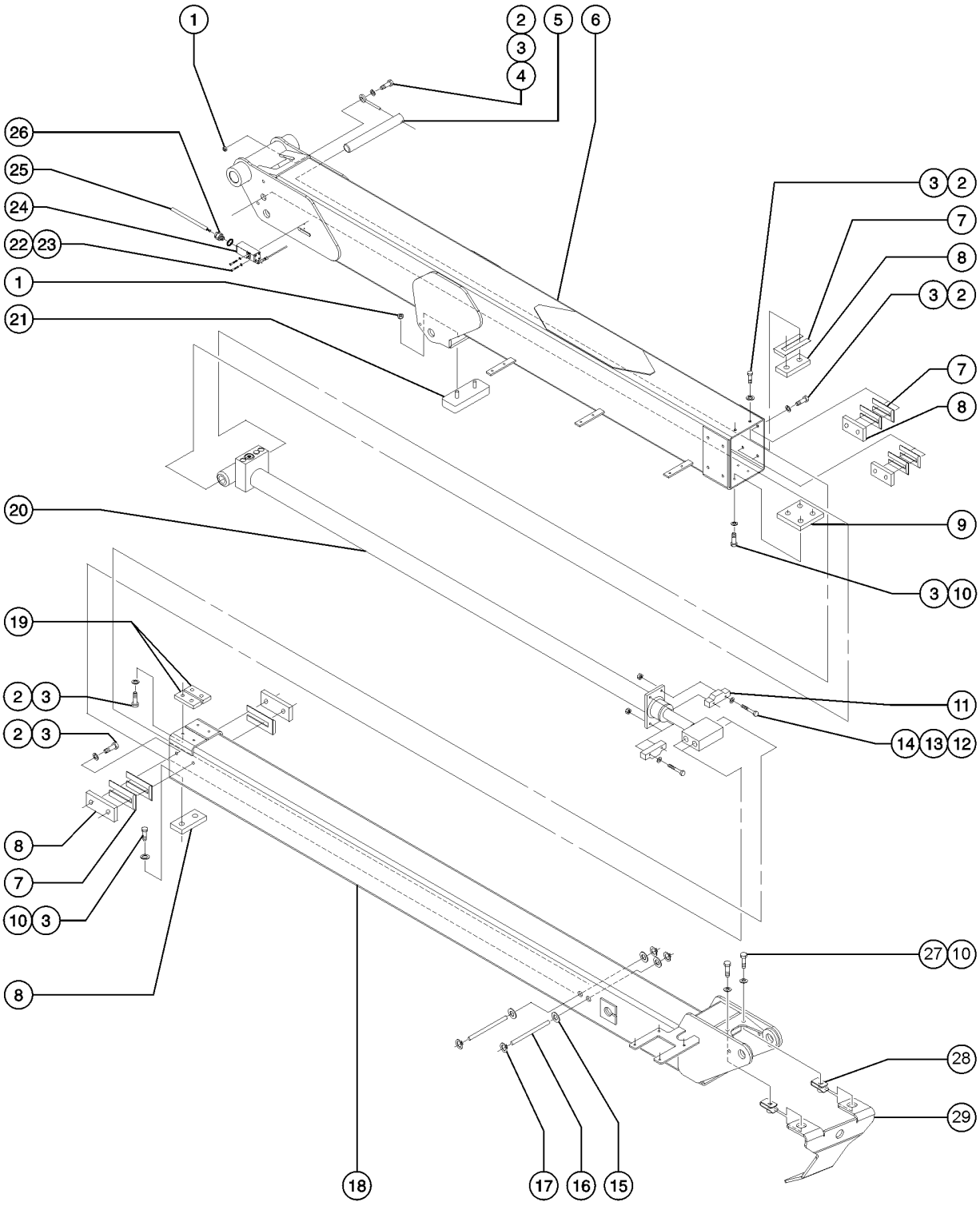
Item	Part No.	Description	Qty.
1	36194GT	PIN,1.50DIAX15.13LG,1HOLE	1
2	40447GT	UPPER MIDPIVOT ASSY,Z34 & Z34N	1
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
4	6021GT	WASHER, LOCK, .375	
5	825019GT	ROD END, .375X3.69, ZAG	3
6	74091GT	PIN,1.25DIAX9.13LG,1HOLE to SN 5932	1
6-	36198GT	PIN,1.25DIAX8.12LG,1HOLE from SN 5933	
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
8	49821GT	SCREW,PHILLIPS,PHM,8-32 X 1.25	
9	6607GT	WASHER,LOCK,#10 PLTD	
10	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM to SN 7015	1
10-	19491GT	CONTACTOR,LIMIT SWITCH	
10-	22359GT	SPRING ARM,LIMIT SWITCH,6.25"	
10-	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM from SN 7016	1
10-	106433GT	LS SPRING WAND (ZCY91)	
10-	106082GT	HARNESS,LS,EXT/RET LS1 Z30	
11		Ref. Primary Boom Tube Assembly (refer to 404.1)	
12	47377GT	BEARING,1.25 ID X 1.5 OD X .75 measure cylinder before ordering	6
12-	25683GT	BEARING,POLYGON,20DU12 measure cylinder before ordering	
13	94215GT	CYLINDER,PRIMARY LIFT includes item 12	1
13-	94258GT	SEAL KIT, 94215, 94430 from SN 6042	
13-	83085GT	SEAL KIT (74588) from SN 5571 to 6041	
13-	48402GT	SEAL KIT,42407,42559 CYL,TEXAS to SN 5570	
13-	33428GT	VALVE,COUNTERBALANCE to SN 6461	
13-	43937GT	VALVE,CB,CBBC-LHN@3200*** from SN 6462	
14	88280GT	BEARING,1.5IDX1.75ODX0.75L measure cylinder before ordering	
14-	52625GT	BEARING,1.50 X 1.66 X 1.5 measure cylinder before ordering	
15	94216GT	CYLINDER,MASTER includes items 12 and 14	

403.1 Upper Pivot



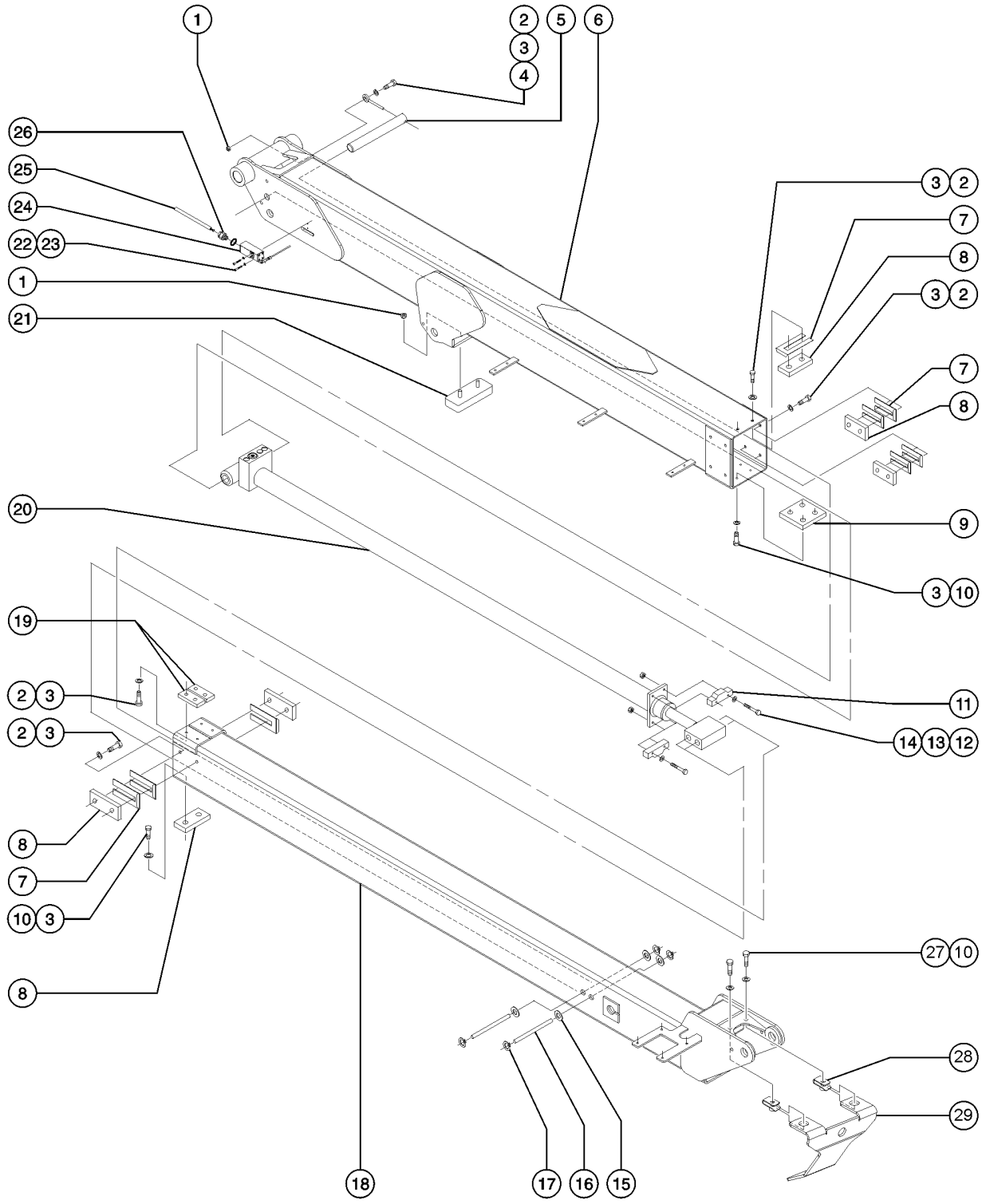
Item	Part No.	Description	Qty.
15-	94259GT	SEAL KIT, 94216 from SN 6089; check stamp on cylinder prior to ordering	
15-	52620GT	SEAL KIT-EXT CYL & SLAVE CYL.* to SN 6088; check stamp on cylinder prior to ordering	
16	36198GT	PIN,1.25DIAX8.12LG,1HOLE	
17	74091GT	PIN,1.25DIAX9.13LG,1HOLE	1

404.1 Primary and Extension Booms



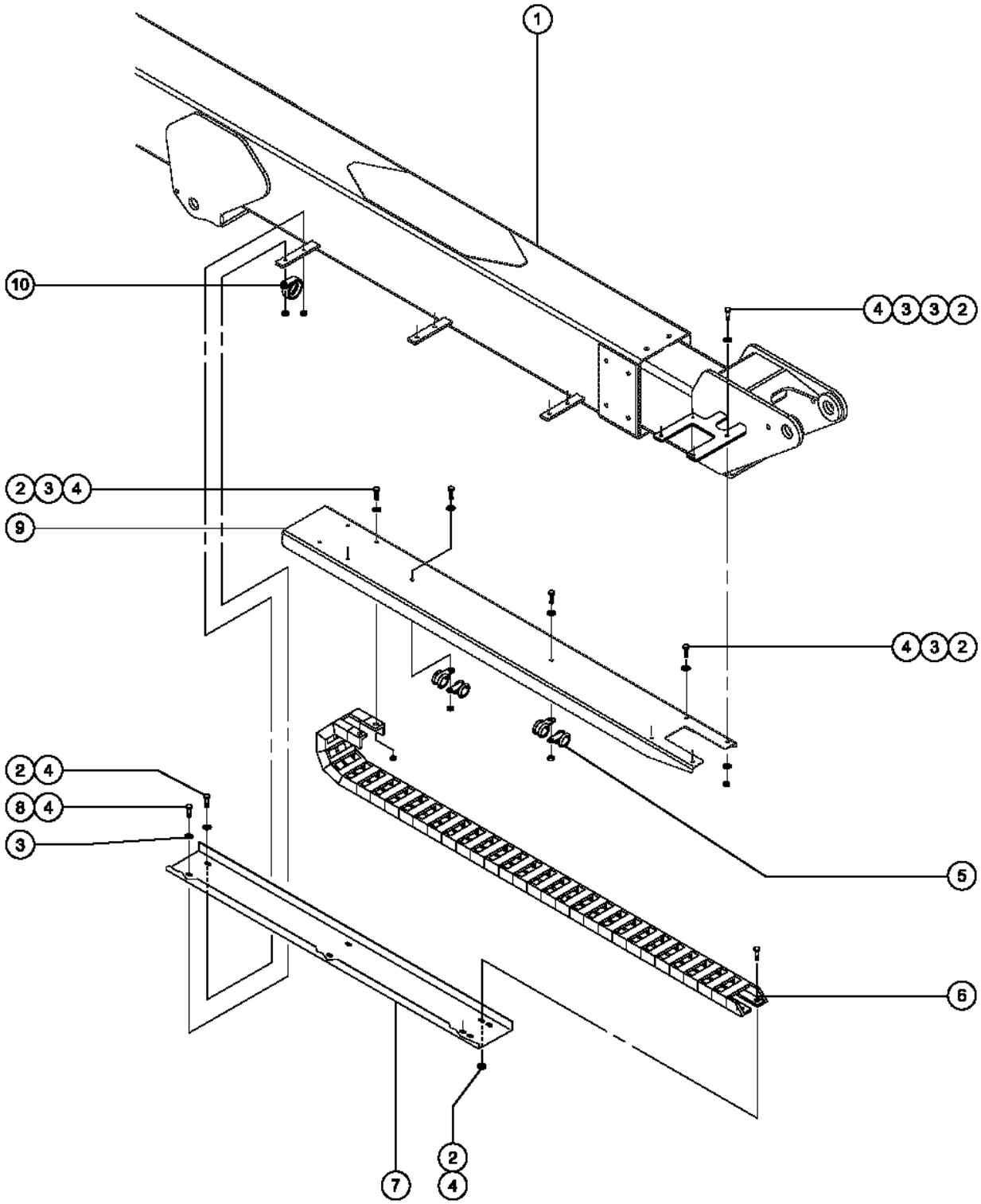
Item	Part No.	Description	Qty.
		For models with rotating jib, refer to figures 501.1, 501.2 or 502.1	
1	7713GT	NUT, LP NYLOCK, 3/8-16	
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	6021GT	WASHER, LOCK, .375	
4	825019GT	ROD END, .375X3.69, ZAG	1
5	101557GT	PIN,1.00DIAX9.01LG,THREADED	1
6A	74795GT	PRIMARY BOOM TUBE ASSY,30N** to SN 4116	1
6B	74795GT	PRIMARY BOOM TUBE ASSY,30N** from SN 4117	
6A-		BEARING, MID-PIVOT (refer to 403.1)	
7	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	
7-	42502GT	SHIM,SIDE PAD 22GA.	
8	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	8
9	42621GT	WEAR PAD,4 X 4 X .75 W/NUTS	1
10	6888GT	SCREW, HHC, 1/4-20 X 1	
11	74066GT	WEAR PAD,EXT CYL*** to SN 6264	1
11-	74066GT	WEAR PAD,EXT CYL*** from SN 6265	
12	4266GT	SCREW,HHC,1/4-20 X 2	
13	6638GT	WASHER, FLAT, USS, 1/4"Y	
14	6091GT	NUT, NYLOCK, 1/4-20	
15	6563GT	WASHER,SHIM,.75 X 1.125 X.030	4
16	36192GT	PIN,0.75DIAX5.51LG,2RING	2
17	10262GT	SNAP RING,EXTERNAL,.75 DIA.	4
18A	36281GT	MACHINED,EXTENSION TUBE to SN 4623	1
18B	139840GT	EXT BOOM ASSY,Z30N RETROFIT*** from SN 4624 to SN 12119	
18C	147487GT	WELDMENT, EXT BOOM, Z30N from SN 12120	1
18C-	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L from SN 12120	
19	45745GT	WEAR PAD,4 X 2 X.50 THK.BLACK	2
20A	147139GT	CYLINDER,EXTENSION models without rotating jib	1

404.1 Primary and Extension Booms



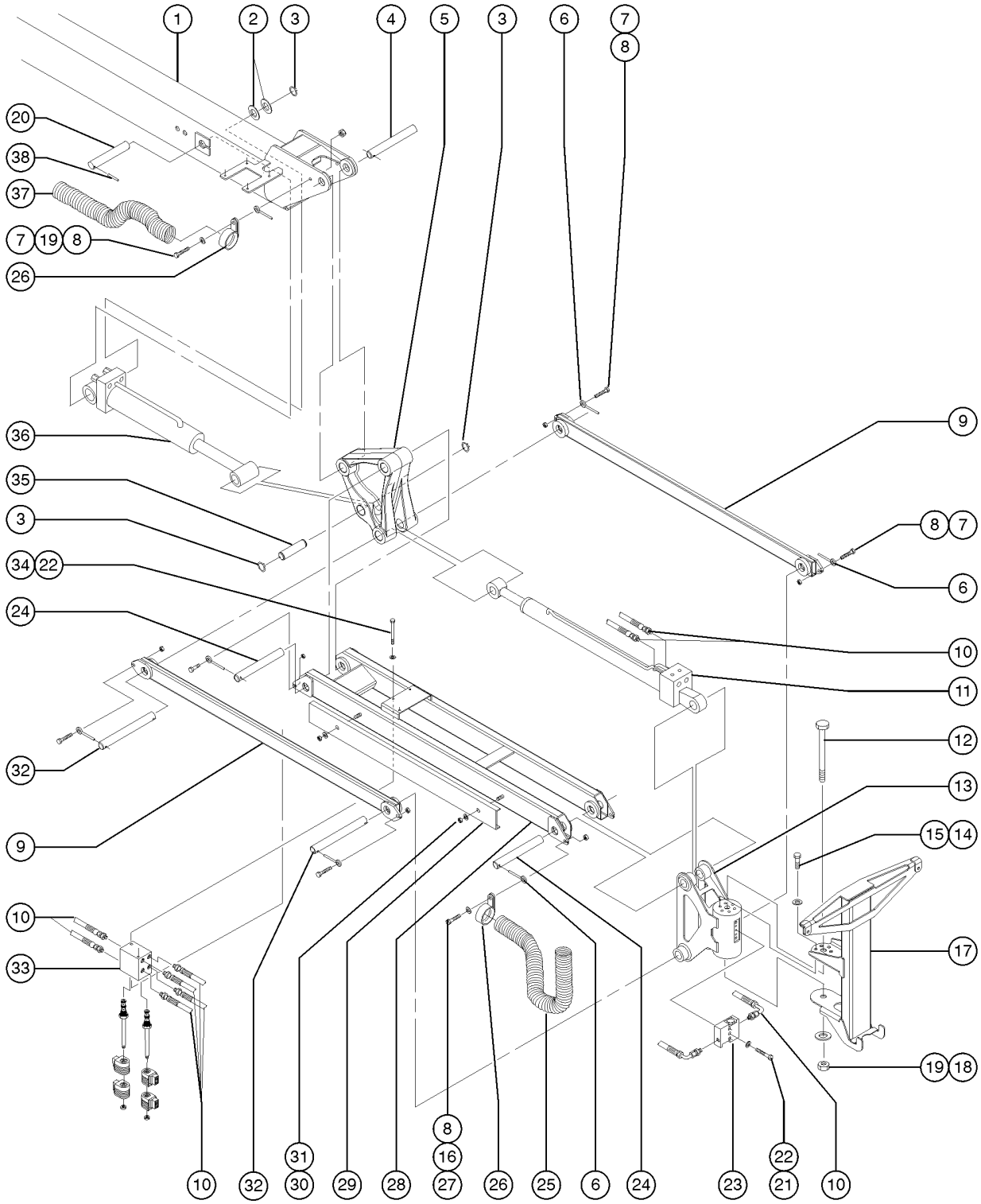
Item	Part No.	Description	Qty.
20A-	147143GT	SEAL KIT,147138 & 147139 models without rotating jib (for 147139 cylinder)	
20A-	94256GT	SEAL KIT, 94213 models without rotating jib (for 94213 cylinder)	
20A-	83086GT	SEAL KIT,74998 models without rotating jib (for 74568 cylinder)	
20A-	36648GT	VALVE,COUNTERBALANCE 2500 PSI* models without rotating jib (for 147139, 94213 cylinder)	1
20A-	74509GT	VALVE,CHECK,CXAD-XCN,30PSI models without rotating jib (for 147139, 94213 cylinder)	1
20A-	74508GT	VALVE,CHECK,COBA-X*N 200PSI PO models without rotating jib (for 147139, 94213 cylinder)	1
20B	94214GT	CYLINDER,EXTENSION,Z30NRJ*** models with rotating jib	
20B-	94257GT	SEAL KIT, 94214 (for 94214 cylinder)	
20B-	36648GT	VALVE,COUNTERBALANCE 2500 PSI* (for 94214 cylinder)	2
20C-	9990146GT	SEAL KIT,CYLINDER (74195) (for 74195 cylinder)	
21	36413GT	REST PAD,PRIMARY BOOM to SN 4113	
21-	56849GT	PAD,REST,1"THICK,W/STUDS* from SN 4114 to 5122	
21-	56849GT	PAD,REST,1"THICK,W/STUDS* from SN 5123	
22	49821GT	SCREW,PHILLIPS,PHM,8-32 X 1.25	
23	6607GT	WASHER,LOCK,#10 PLTD	
24	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM	
24-	19491GT	CONTACTOR,LIMIT SWITCH	
24-	22359GT	SPRING ARM,LIMIT SWITCH,6.25"	
25	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	264 inches
26	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	
27	6356GT	WASHER, LOCK, .25	
28	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
29	147079GT	BRACKET, HOSE ROUTING from SN Z30N10-12120	1
29-	56361GT	CABLE TIE,BUTTON,BLACK,14.75LG	

405.1 Cable Track



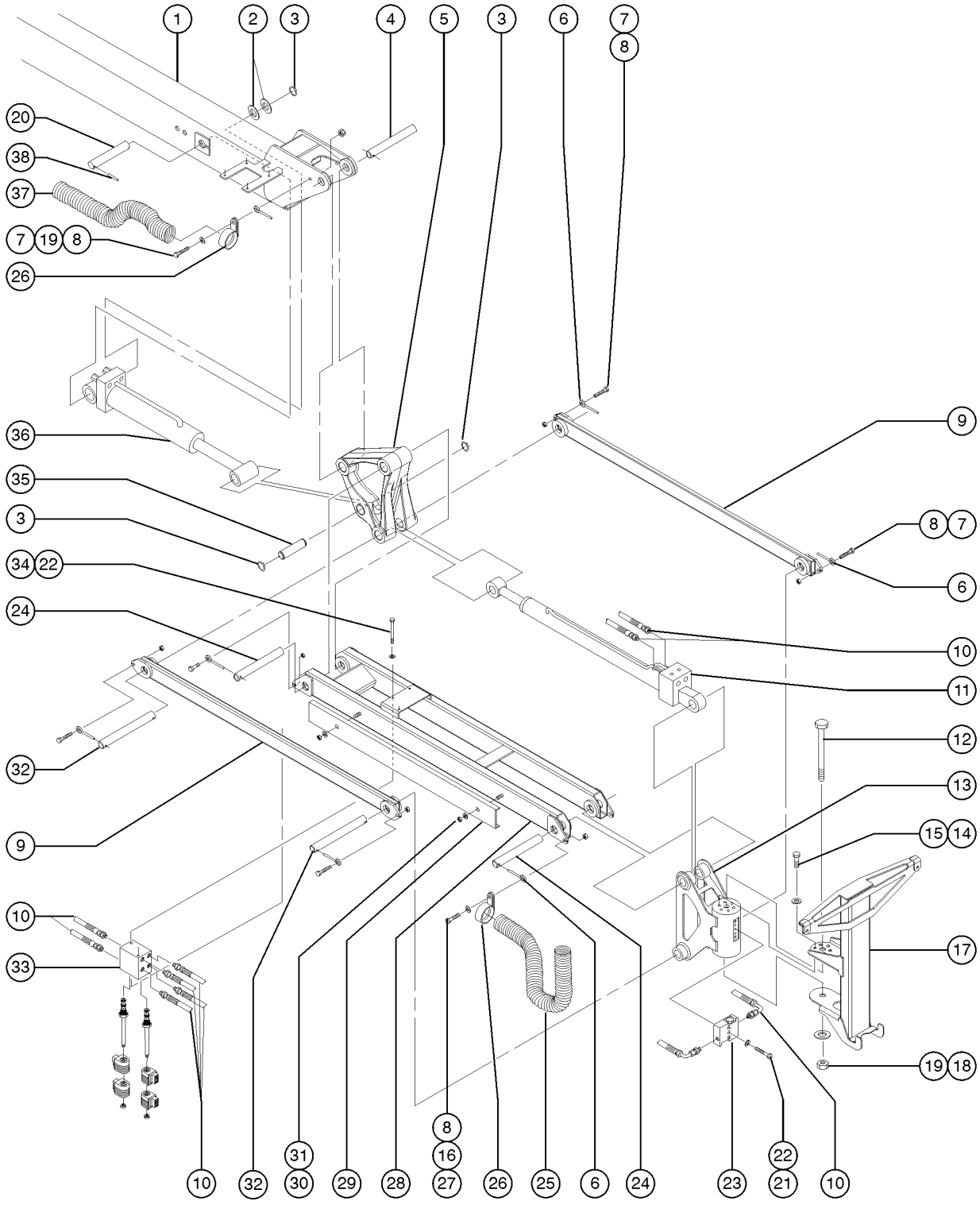
Item	Part No.	Description	Qty.
1		Ref. Primary and Extension Booms	
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT, NYLOCK, 1/4-20	
5	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	4
6A	42763GT	TRACK,PLASTIC CABLE,25 LINK 4" to SN 11979	1
6A-	58919GT	REPAIR LINK,7 LINKS*** for 42763GT	
6A-	58920GT	REPAIR LINK END SET (42763)* for 42763GT	
6A-	58927GT	LINK,NYLATRAC KS6-5.4*** for 42763GT	
6B	139537GT	CABLE TRACK,NYLATRAC,26 LINK	1
6B-	139542GT	LINK,NYLATRAC,KS400 for 139537GT	
6B-	139540GT	REPAIR LINK,NYLATRAC,7 LINKS for 139537GT	
6B-	139541GT	BRACKET SET,NYLATRAC,KS400 for 139537GT	
7A	42694PGT	CHANNEL,LWR, TRACK PAINTED** to SN 4115	1
7B	56983PGT	CHANNEL,LWR TRAY PLASTIC TK ** from SN 4116	
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9A	42693GT	CHANNEL,UPPER,PLASTIC TRACK,5" to SN 4598	1
9B	74119PGT	CHANNEL, CABLE TRACK, UPPER from SN 4599	
10	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	3

406.1 Jib Boom and Platform Rotator



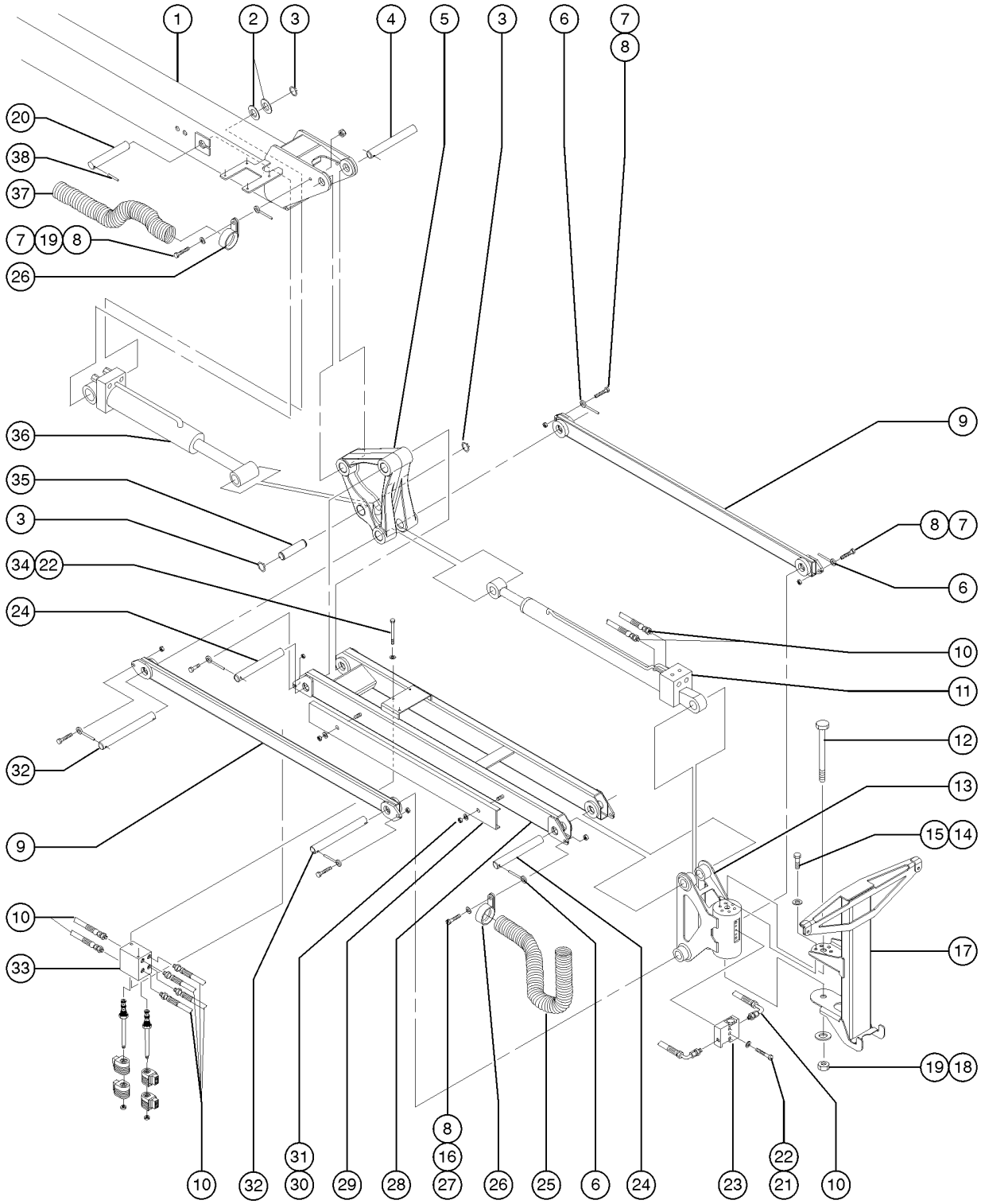
Item	Part No.	Description	Qty.
1		EXTENSION BOOM TUBE refer to 404.1	
2	30255GT	WASHER,SHIM,1.27 X 2.13 X .062 Qty 2 to SN 11973, QTY 4 from SN 11974	6
3	74019GT	SNAP RING,EXTERNAL	1
4A	T107884GT	PIN,1.25DIAX7.00LG,1HOLE from SN 1932 to 11922	1
4B	128550GT	PIN,1.25DIAX7.64LG,2RING from SN 11923	1
5A	37128GT	BELLCRANK ASSEMBLY, Z30N,Z34** to SN 4935	1
5B	74587GT	BELLCRANK ASSEMBLY, Z30N,Z34** from SN 4936	
5-	74865GT	BEARING,FL,1.25IDX1.50ODX1.25L with flange	2
5-	74866GT	BEARING,1.25IDX1.50ODX1.25L	2
6	825019GT	ROD END, .375X3.69, ZAG	6
7	8516GT	SCREW, HCC, 3/8-16 X 1.50	
8	4828GT	NUT, NYLOCK, 3/8-16	
9	36054-SGT	COMPRESSION MEMBER (BORED)***	2
10		HYDRAULIC HOSES AND FITTINGS refer to 804.1	
11A	94218GT	CYLINDER,JIB from SN 6064 (Identify part number on cylinder before ordering. For cylinder 147142, order 147147)	1
11A-	25683GT	BEARING,POLYGON,20DU12	
11A-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000** for 94218	
11A-	94261GT	SEAL KIT,94218 for 94218 cylinder (from SN 6064)	
11B	147147GT	SEAL KIT,147142 from SN 6064, for cylinder 147142 (Identify part number on cylinder before ordering)	
11C		CYLINDER,JIB (for 1st time replacement, order p/n 94218GT and hose assemblies p/n 74983GT & 74984GT)	
11C-	83087GT	SEAL KIT (74593) for 74593 cylinder (from SN 5782 to 6063)	
11D	48405GT	SEAL KIT,CYLINDER*** for 42507, 56152 and 56362 cylinders (to SN 5781)	
12	73928GT	SCREW,HHC,1-8 X 11,GRD 5*** to SN 3720	
12-	56925GT	SCREW,HHC,3/4-10 X 9.5 GR 8 YE from SN 3721	1
13A		ROTATOR,HELICAL,PLATFORM*** from SN 1932 to 3720 (component no longer available)	1
13A-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* from SN 1932 to 3720	
13A-	31498GT	BEARING KIT,ROTATOR,9K*** from SN 1932 to 3720	

406.1 Jib Boom and Platform Rotator



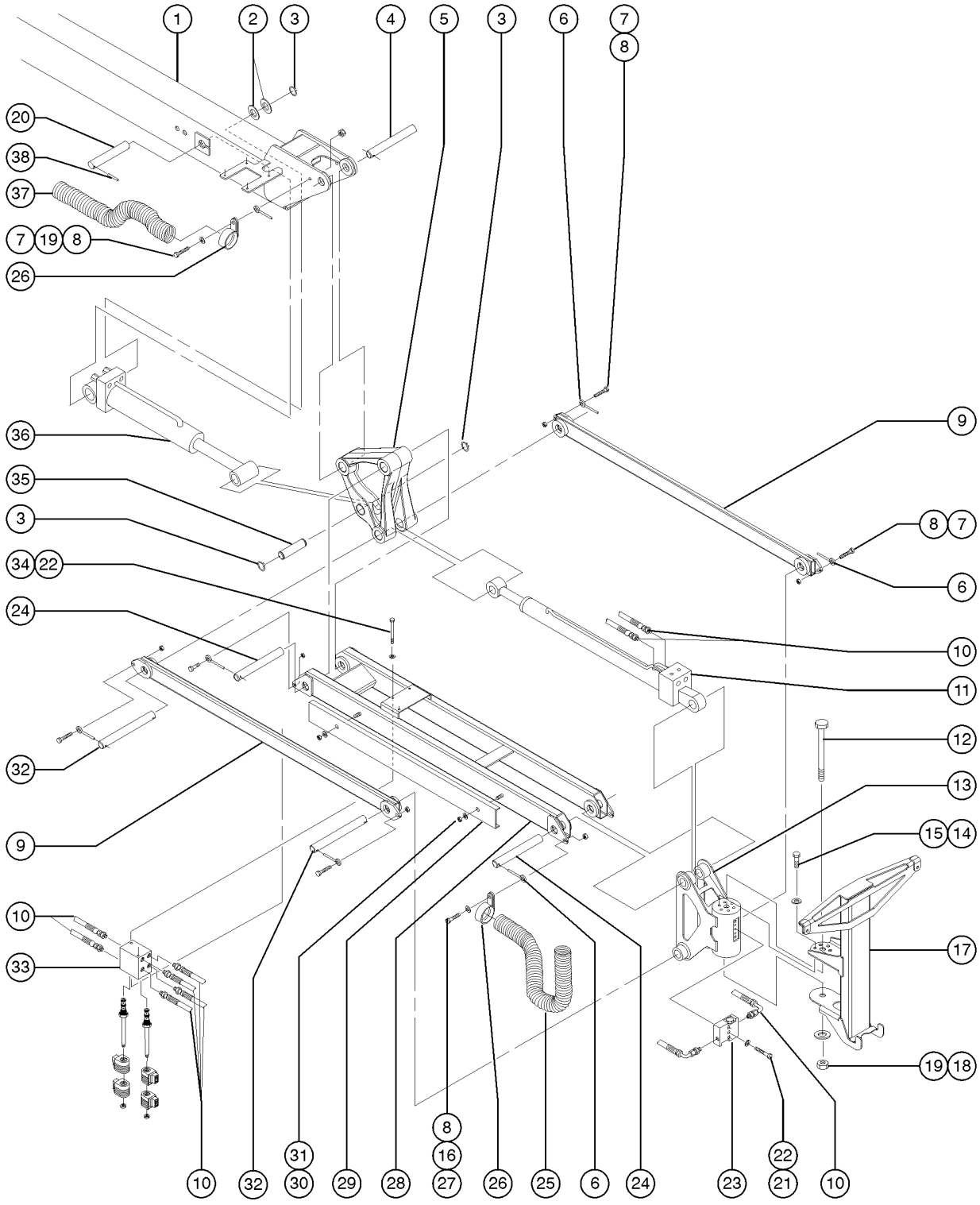
Item	Part No.	Description	Qty.
13A-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	
13A-	106422GT	KIT,SEAL& BEARING,ARC,ROT.9K**	
13B	62509GT	SEAL KIT,ROTATOR*** for 56591; from SN 3721 to 7041	1
13B-	77892GT	SEAL KIT,ARCTIC,ROTATOR 4.5K** for 56591; from SN 3721 to 7041	1
13B-	83042GT	BEARING KIT,ROTATOR,4.5K***	
13C	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* for 94404; from SN 3721 to 7041	1
13D	233717GT	ROTATOR,PLAT,Z30/34/Z40 replaced obsolete 94404	1
13D-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for rotator 233717, verify before ordering	
13D-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* for rotator 94404, verify before ordering	
13D-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	
14	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5 to SN 3720	
14-	94195GT	SCREW,HHC,3/8-16 X .75,GR 8 from 3721	
15	6033GT	WASHER,LOCK,0.5" to SN 3720	
15	6097GT	WASHER, FLAT, USS, 3/8", Y from SN 3721	
16	5397GT	WASHER, FLAT, USS, 5/16-18	
17	36249-SGT	PLATFORM SUPPORT WELD.Z30N,Z34 to SN 3720 (used for platforms with 'tapered' rails; may not be used with 'straight rail platforms)	1
17-	56500-SGT	WELDMENT,PLATFORM SUPPORT*** from SN 3721	
18	33265GT	NUT,HEX,1-8 to SN 3720	
18-	77051GT	NUT,NYLOCK,3/4-10,GRD.8 from SN 3721	
19	29605GT	WASHER,LOCK,1" to SN 3720	
19-	33278GT	WASHER, FLAT, .75 HARDENED from SN 3721	
20A	36190GT	PIN,SLAVE CYL,1.25 X 6.06*** to SN 5951	
20B	94153GT	PIN,1.25DIAX5.70LG,2RING from SN 5952 to 12119	
20C	50546GT	PIN,1.25DIAX6.36LG,2RING from SN 12120	
21	6145GT	SCREW, HHC, 1/4-20 X 1.5	
22	6356GT	WASHER, LOCK, .25	
23	43166GT	MANIFOLD,ASSY DUAL CNTRBAL. to SN 3720	1
23-	39345GT	VALVE,COUNTERBAL.CBCA-LHN@3000	

406.1 Jib Boom and Platform Rotator



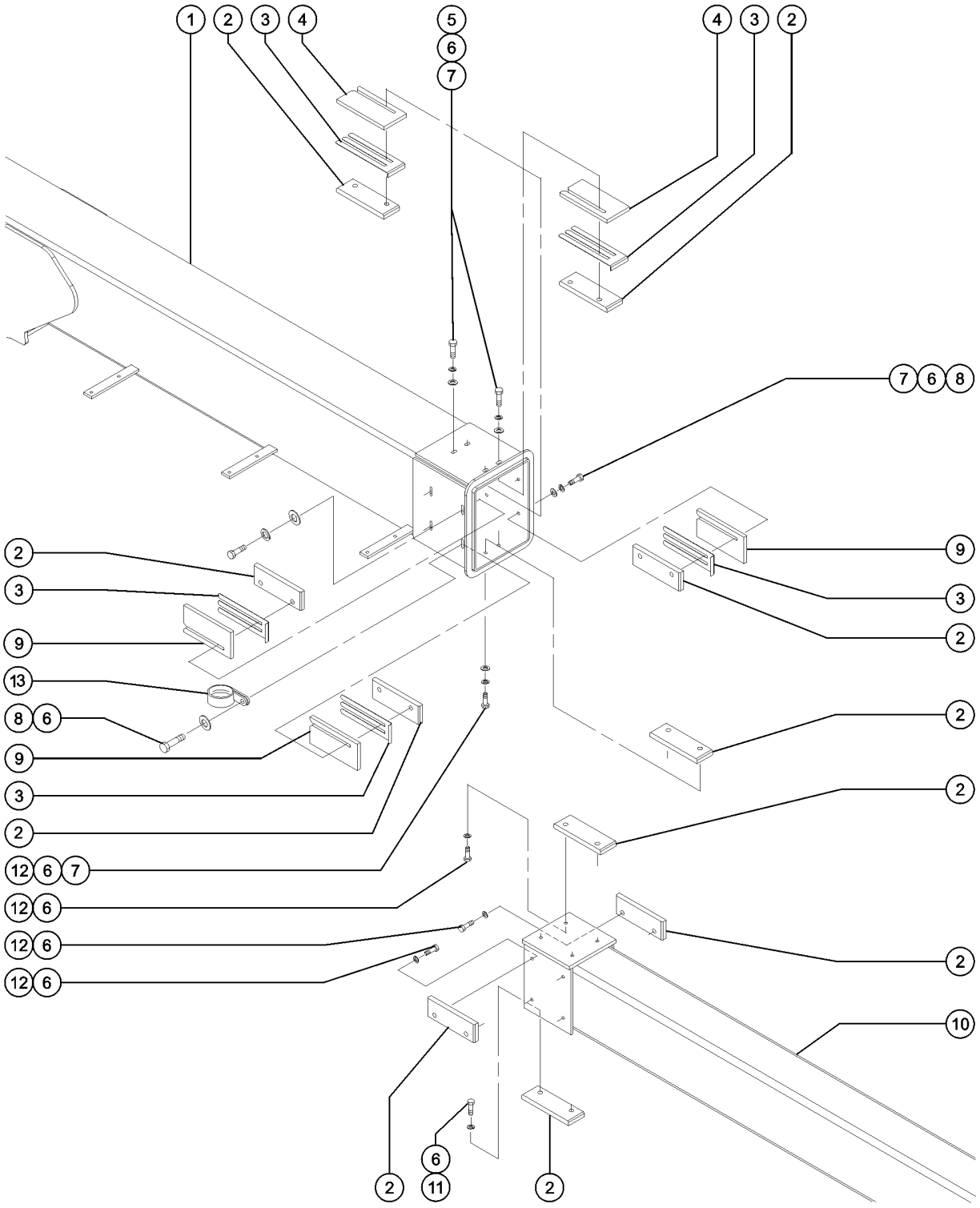
Item	Part No.	Description	Qty.
23-	62507GT	O-RING, ROTATOR MANIFOLD	
23-	56929GT	MANIFOLD,ROTATOR,180 DEG.*** from SN 3721	1
23-	62506GT	VALVE - COUNTERBALANCE**	
23-	62507GT	O-RING, ROTATOR MANIFOLD	
24	36199GT	PIN,1.25DIA.X10.38LG,1HOLE	2
25	42939GT	WIRE LOOM,1.88 DIA.	120 inches
26	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	
27	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
28	36279GT	JIB BOOM MACHINED to SN 4115	1
28-	56976GT	JIB BOOM MACH from SN 4116	
29	36561-SGT	HOSE COVER,JIB BOOM**	1
30	6091GT	NUT, NYLOCK, 1/4-20	
31	6638GT	WASHER, FLAT, USS, 1/4"Y	
32	42797GT	PIN,1.25DIAX12.50LG,2HOLE	2
33		JIB MANIFOLD refer to 705.1	
34	6090GT	SCREW, HHC, 1/4-20 X .75	
35	36189GT	PIN,SLAVE CYL,1.25 X 4.38 to SN 4029	1
35-	56749GT	PIN,SLAVE CYLINDER from SN 4030 to 11973	1
35-	139655GT	PIN,SLAVE CYLINDER from SN 11974	1
36	94217GT	CYLINDER,SLAVE,DONGYANG	1
36-	35088GT	BEARING,FL,1.25IDX1.41ODX.89L rod end, 94217GT and 147141GT	
36-	94260GT	SEAL KIT, LEVELING CYLINDER for cylinder 94217GT; check stamp on cylinder prior to ordering	
36-	52620GT	SEAL KIT-EXT CYL & SLAVE CYL.* for cylinder 74968GT, 74589GT, 74454GT and 42404GT; check stamp on cylider prior to ordering	
36-	74735GT	VALVE,COUNTERBALANCE rod end, 94217GT and 147141GT	
36-	74614GT	BUSHING, FLANGED	
36-	147146GT	SEAL KIT,147141 cylinder 94217GT (Dongyang) or 147141GT (Shin Hung) may be installed, check stamp on cylinder before ordering	
36-	47377GT	BEARING,1.25 ID X 1.5 OD X .75 rod end, 94217GT and 147141GT	

406.1 Jib Boom and Platform Rotator



Item	*Part No.*	*Description*	*Qty.*
36-	35088GT	BEARING,FL,1.25IDX1.41ODX.89L rod end, 94217GT and 147141GT	
37	42929GT	HOSE,RET.FILTER DWN TUBE RUBBE	28
38	10665GT	PIN,ROLL,.25 X 1.5***	1
39	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**	

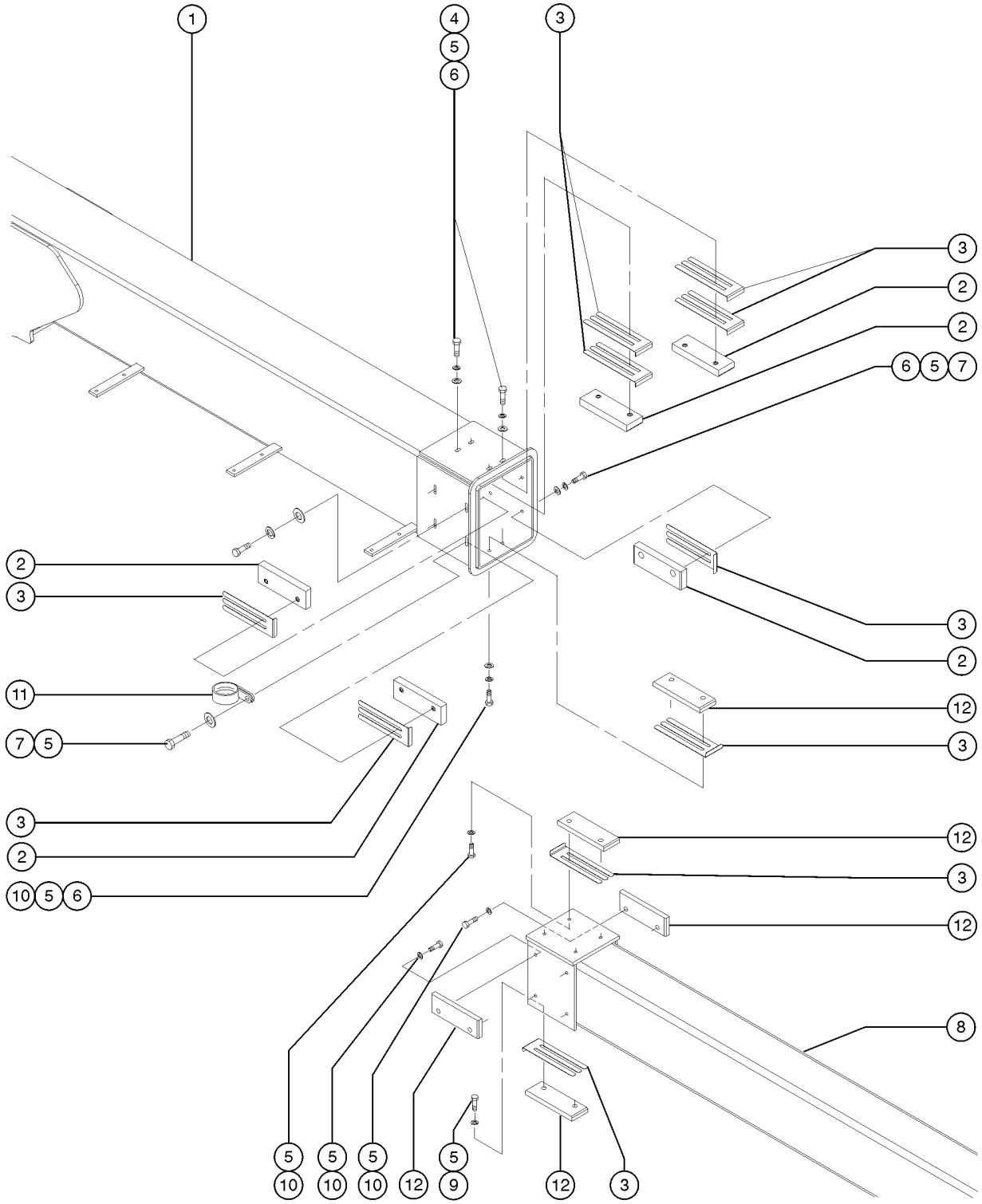
501.1 Primary Boom Wear Pads (to SN 6456)



501.1 Primary Boom Wear Pads (to SN 6456)

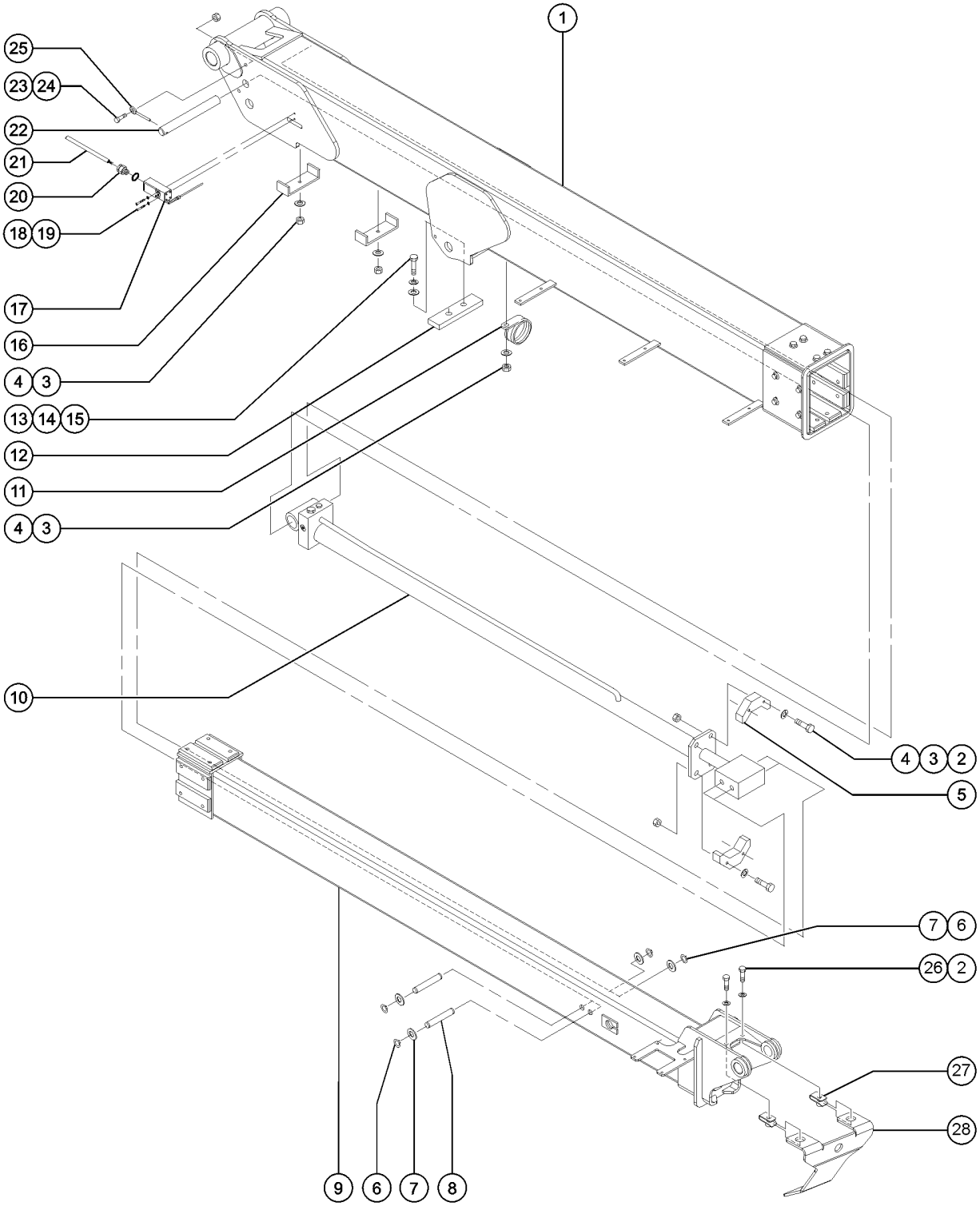
Item	Part No.	Description	Qty.
		For models without rotating jib, refer to figure 404.1	
1	74345GT	PRIMARY BOOM TUBE ASSEMBLY**	1
2	74044GT	WEAR PAD,EXT BOOM***	16
3	74134GT	SHIM,WEAR PAD .030	as-needed
4	74056GT	SPACER PLATE,PRIMARY TOP	2
5	6145GT	SCREW, HHC, 1/4-20 X 1.5	
6	6356GT	WASHER, LOCK, .25	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	8915GT	SCREW, HHC, 1/4-20 X 1.25	
9	74057GT	SPACER PLATE,PRIMARY SIDE	4
10	56961GT	MACH,EXTENSION BOOM	1
11	6090GT	SCREW, HHC, 1/4-20 X .75	
12	6888GT	SCREW, HHC, 1/4-20 X 1	
13	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	1

501.2 Primary Boom Wear Pads (from SN 6457)

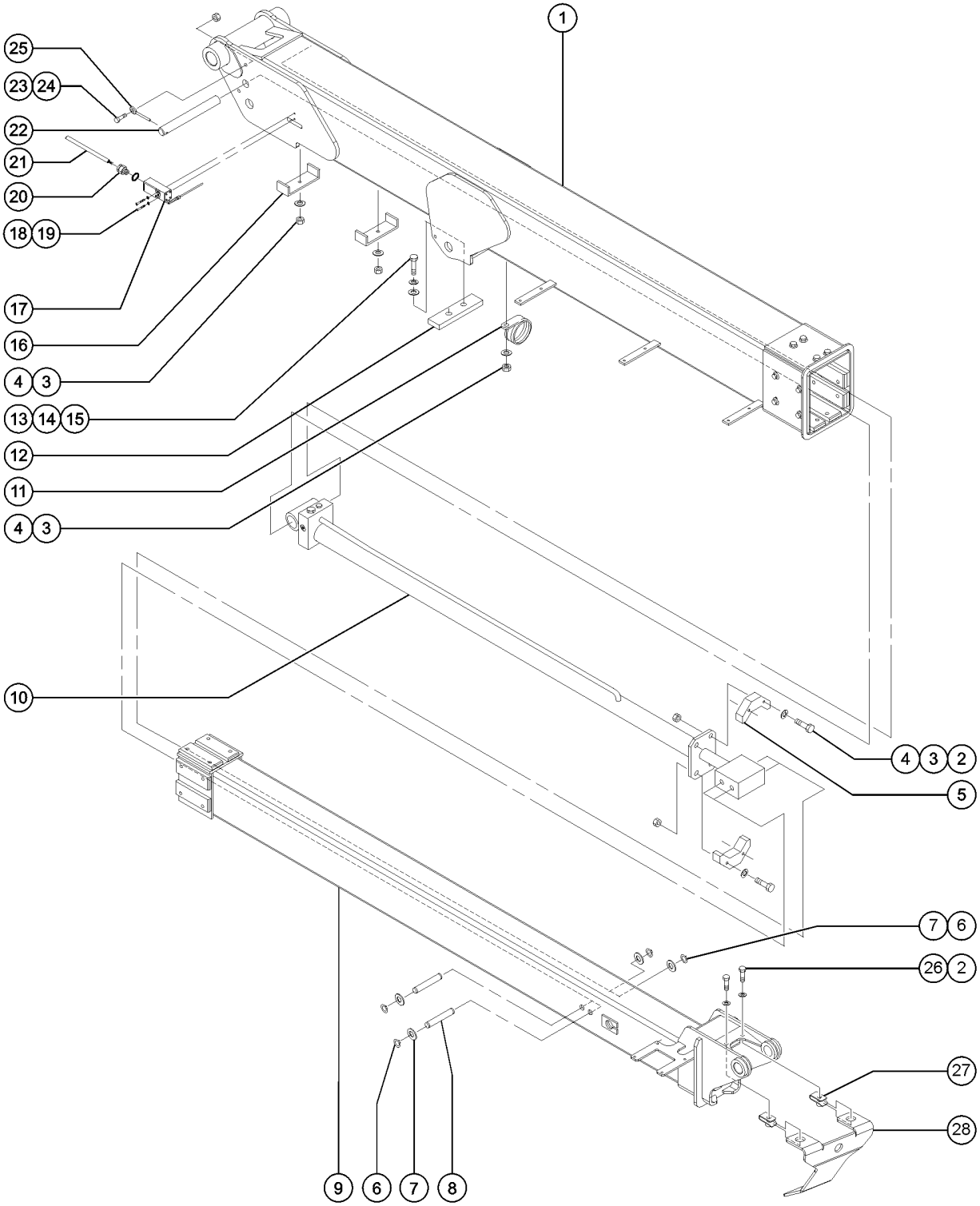


501.2 Primary Boom Wear Pads (from SN 6457)

Item	Part No.	Description	Qty.
		For models without rotating jib, refer to figure 404.1	
1	94032GT	WELDMENT,PRIMARY BOOM	1
2	101429GT	WEAR PAD,EXT BOOM*** 6 x 2 x 0.6875 inches (measure depth before ordering) qty will vary	6
3	74134GT	SHIM,WEAR PAD .030	as-needed
4	6145GT	SCREW, HHC, 1/4-20 X 1.5	
5	6356GT	WASHER, LOCK, .25	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	8915GT	SCREW, HHC, 1/4-20 X 1.25	
8	56961GT	MACH,EXTENSION BOOM	1
9	6090GT	SCREW, HHC, 1/4-20 X .75	
10	6888GT	SCREW, HHC, 1/4-20 X 1	
11	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	1
12	74044GT	WEAR PAD,EXT BOOM*** 6 x 2 x 0.4375 inches (measure depth before ordering) qty will vary	10

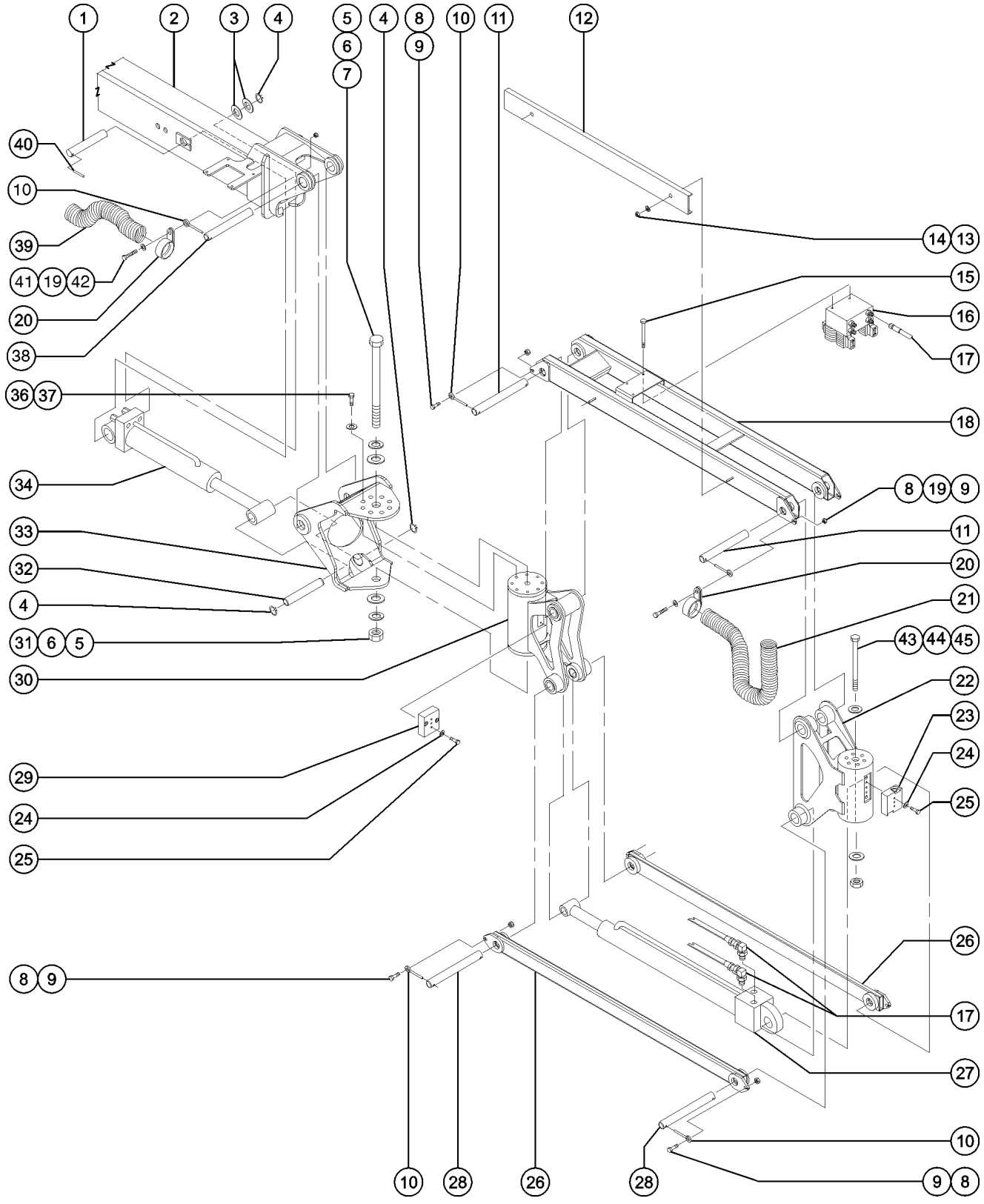

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Item	Part No.	Description	Qty.
		For models without rotating jib, refer to figure 404.1	
1A	74345GT	PRIMARY BOOM TUBE ASSEMBLY**	1
1B	94032GT	WELDMENT,PRIMARY BOOM	1
1-		BEARING, MID-PIVOT (refer to 403.1)	2
2	6888GT	SCREW, HHC, 1/4-20 X 1	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT, NYLOCK, 1/4-20	
5	74066GT	WEAR PAD,EXT CYL***	1
6	10262GT	SNAP RING,EXTERNAL,.75 DIA.	2
7	6563GT	WASHER,SHIM,.75 X 1.125 X.030	2
8	36192GT	PIN,0.75DIAX5.51LG,2RING	2
9A	139841GT	EXT BOOM ASSY, Z30NRJ RETROFIT to SN 12119	1
9B	147637GT	ASSY, EXT BOOM, Z30NRJ from SN 12120 (decal not included, refer to section one)	1
9B-	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L from SN 12120	
10	94214GT	CYLINDER,EXTENSION,Z30NRJ***	1
10-	94257GT	SEAL KIT, 94214 from SN 6108	
10-	48406GT	SEAL KIT,42411 & 42408 (for 94214 cylinder) from SN 1932 to 6107	
10-	36648GT	VALVE,COUNTERBALANCE 2500 PSI* (for 94214 cylinder)	
10-	9990146GT	SEAL KIT,CYLINDER (74195) (for 74195 cylinder)	
11	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	3
12	56849GT	PAD,REST,1"THICK,W/STUDS*	1
13	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	
14	6021GT	WASHER, LOCK, .375	
15	5397GT	WASHER, FLAT, USS, 5/16-18	
16	54530GT	CLAMP,HOSE,ALUMINUM	2
17	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM	1
17-	19491GT	CONTACTOR,LIMIT SWITCH	
17-	22359GT	SPRING ARM,LIMIT SWITCH,6.25"	


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Item	Part No.	Description	Qty.
17-	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM	1
17-	106433GT	LS SPRING WAND (ZCY91)	
17-	106082GT	HARNESS,LS,EXT/RET LS1 Z30	
18	16486GT	SCREW,RHM,10-32 X 1.75	
19	6607GT	WASHER,LOCK,#10 PLTD	
20	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	
21	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	
22	101557GT	PIN,1.00DIAX9.01LG,THREADED	1
23	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
24	7713GT	NUT, LP NYLOCK, 3/8-16	
25	825019GT	ROD END, .375X3.69, ZAG	1
26	6356GT	WASHER, LOCK, .25	
27	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
28	147079GT	BRACKET, HOSE ROUTING from SN Z30N10-12120	1
28-	56361GT	CABLE TIE,BUTTON,BLACK,14.75LG	

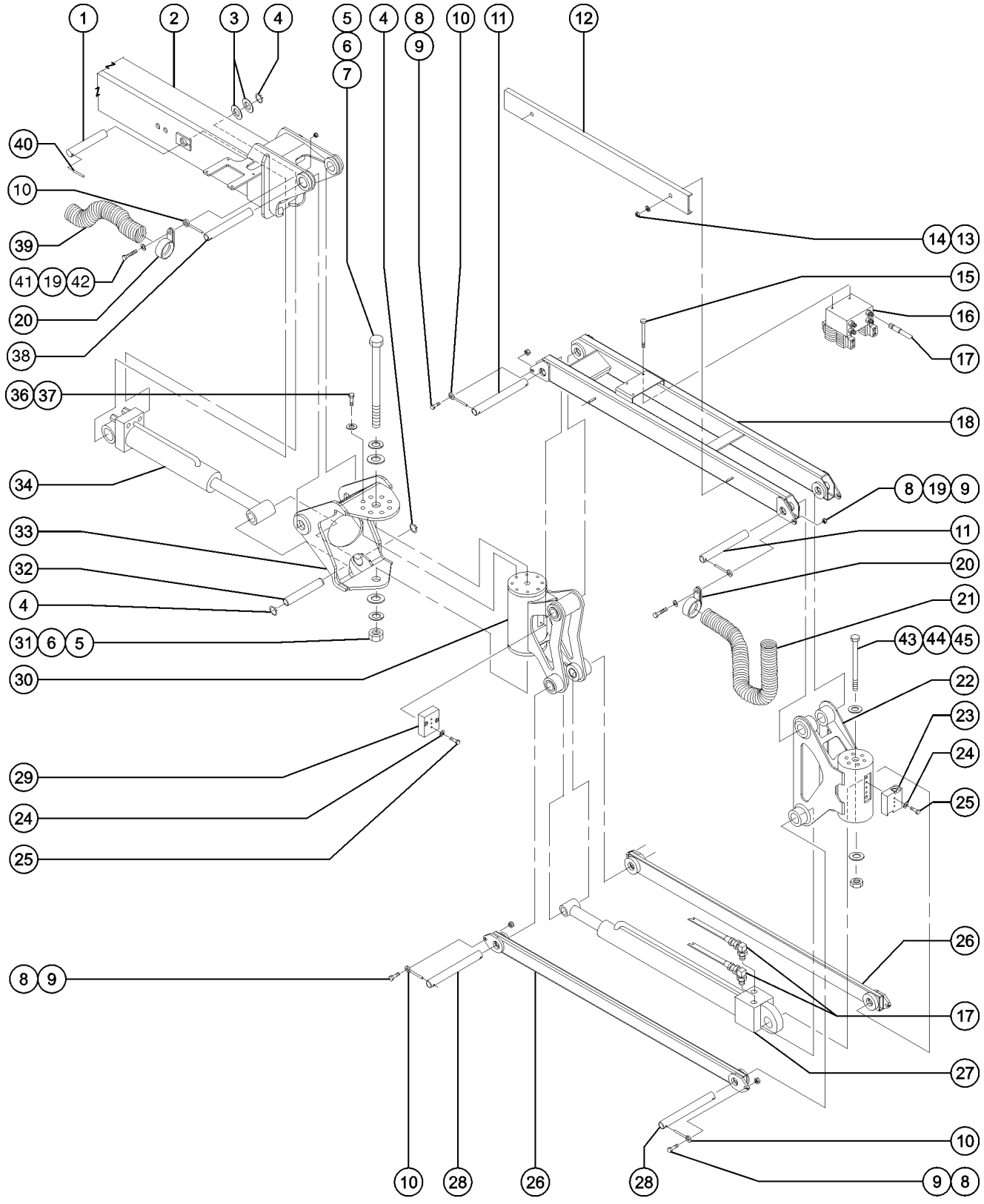
503.1 Rotating Jib Boom Assembly



503.1 Rotating Jib Boom Assembly

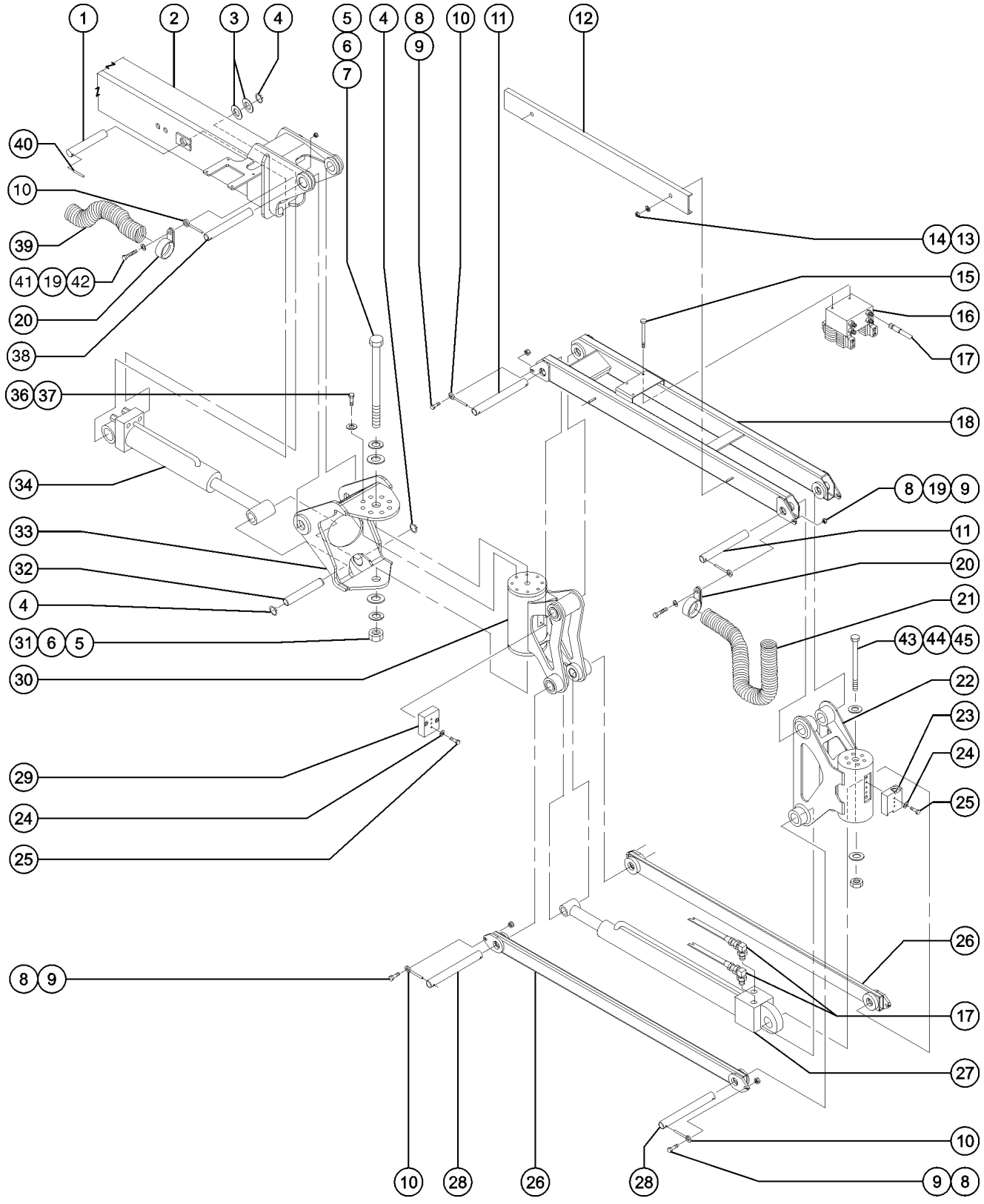
Item	Part No.	Description	Qty.
1	36190GT	PIN,SLAVE CYL,1.25 X 6.06***	1
2		Ref. Extension Boom (refer to 502.1)	
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062 (to SN 12198)	
3B	128837GT	WASHER 1.27ID X1.88OD X.062 (from SN 12199)	
4	74019GT	SNAP RING,EXTERNAL	1
5	824075GT	SCREW, HHC, 1-8 X 12.75, 5, ZAG	
6	29605GT	WASHER,LOCK,1"	
7	74323GT	WASHER,FLAT,.812X2X.14 HARDEN	
8	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
9	4828GT	NUT, NYLOCK, 3/8-16	
10	825019GT	ROD END, .375X3.69, ZAG	5
11	36199GT	PIN,1.25DIA.X10.38LG,1HOLE	2
12	36561-SGT	HOSE COVER,JIB BOOM**	1
13	6091GT	NUT, NYLOCK, 1/4-20	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	6090GT	SCREW, HHC, 1/4-20 X .75	
16		Ref. Jib Boom/Platform Rotate Manifold (refer to 705.1)	
17		Ref. Hydraulic Hoses and Fittings (refer to 804.1)	
18	56976-SGT	JIB BOOM MACH***	1
19	6097GT	WASHER, FLAT, USS, 3/8", Y	
20	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
21	42939GT	WIRE LOOM,1.88 DIA.	22 inches
22	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* (for 94404GT)	
22B	233717GT	ROTATOR,PLAT,Z30/34/Z40	1
22B-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR	
22B-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	
23	56929GT	MANIFOLD,ROTATOR,180 DEG.***	1

503.1 Rotating Jib Boom Assembly



Item	Part No.	Description	Qty.
23-	62506GT	VALVE - COUNTERBALANCE**	
23-	62507GT	O-RING, ROTATOR MANIFOLD	
24	6356GT	WASHER, LOCK, .25	
25	6145GT	SCREW, HHC, 1/4-20 X 1.5	
26	36054-SGT	COMPRESSION MEMBER (BORED)***	2
27	94218GT	CYLINDER,JIB from SN 6064 (Identify part number on cylinder before ordering. For cylinder 147142, order 147147)	1
27-	25683GT	BEARING,POLYGON,20DU12	
27-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000** for 94218	
27-	94261GT	SEAL KIT,94218 for 94218 cylinder (from SN 6064)	
27B	147147GT	SEAL KIT,147142 from SN 6064, for cylinder 147142 (Identify part number on cylinder before ordering)	
28	42797GT	PIN,1.25DIAX12.50LG,2HOLE	
29	74051GT	MANIFOLD,ROTATOR 200 DEG.	1
29-	62506GT	VALVE - COUNTERBALANCE**	
29-	62507GT	O-RING, ROTATOR MANIFOLD	
30		ROTATOR,JIB,15K,200 DEG***	1
30-	83102GT	SEAL KIT (from SN 1932 to SN 7041) for 74070GT	
30-	147077GT	BEARING KIT,ROTATOR*** (from SN 1932 to SN 7041) for 74070GT	
30-	106423GT	SEAL KIT,ARCTIC,ROTATOR 15K*** (from SN 1932 to SN 7041) for 74070GT	
30B		ROTATOR,JIB,180 DEG,15K***	
30B-	147370GT	SEAL KIT,15K ROTATOR (from SN 7042 to 12542) for 94403GT	
30C		ROTATOR,JIB,180 DEG,15K***	
30C-	147370GT	SEAL KIT,15K ROTATOR (from SN 12543 to 12638) (for rotator SN D1A009 and earlier)	
30C-	226542GT	SEAL KIT, 15K ROTATOR (from SN 12543 to 12638) (for rotator SN D1A010 and later)	
30C-	34245GT	BEARING,1.25IDX1.50X1.25L	
30C-	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	
30D	226540GT	ROTATOR,JIB,180 DEG,15K (from SN 12639)	
30D-	226542GT	SEAL KIT, 15K ROTATOR (from SN 12639) for 226540GT	
30D-	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	

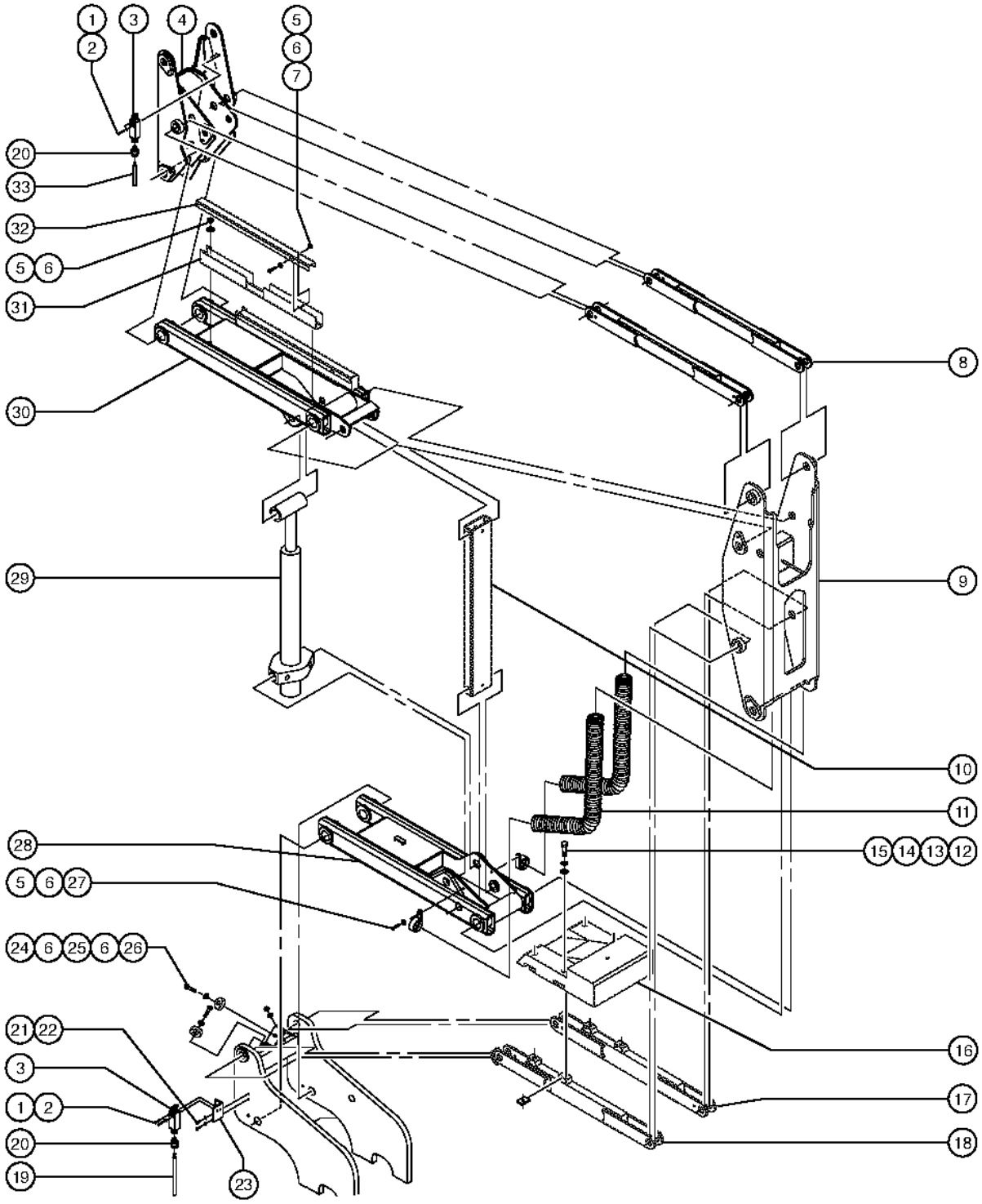
503.1 Rotating Jib Boom Assembly



503.1 Rotating Jib Boom Assembly

Item	Part No.	Description	Qty.
30D-	34245GT	BEARING,1.25IDX1.50X1.25L	
31	33265GT	NUT,HEX,1-8	
32	56749GT	PIN,SLAVE CYLINDER (to SN 11973)	1
32B	139655GT	PIN,SLAVE CYLINDER (from SN 11974)	
33	74347GT	JIB PIVOT ASSEMBLY**	1
33	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	
34	1298526GT	CYLINDER, SLAVE, Z30/34	1
34-	1298527GT	SEAL KIT, CYLINDER, SLAVE (SERTA)	
34-	35088GT	BEARING,FL,1.25IDX1.41ODX.89L	
36	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
37	13066GT	WASHER,FLAT,.5 HARDENED	
38	74089GT	PIN,1.25DIAx9.63LG,1HOLE	1
39	42939GT	WIRE LOOM,1.88 DIA.	24 inches
40	10665GT	PIN,ROLL,.25 X 1.5***	
41	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5 (to SN 8808)	
41-	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8 (from SN 8809)	
42	4828GT	NUT, NYLOCK, 3/8-16 (from SN 8809)	
43	77051GT	NUT,NYLOCK,3/4-10,GRD.8	1
44	33278GT	WASHER, FLAT, .75 HARDENED	1
45	56925GT	SCREW,HHC,3/4-10 X 9.5 GR 8 YE	1

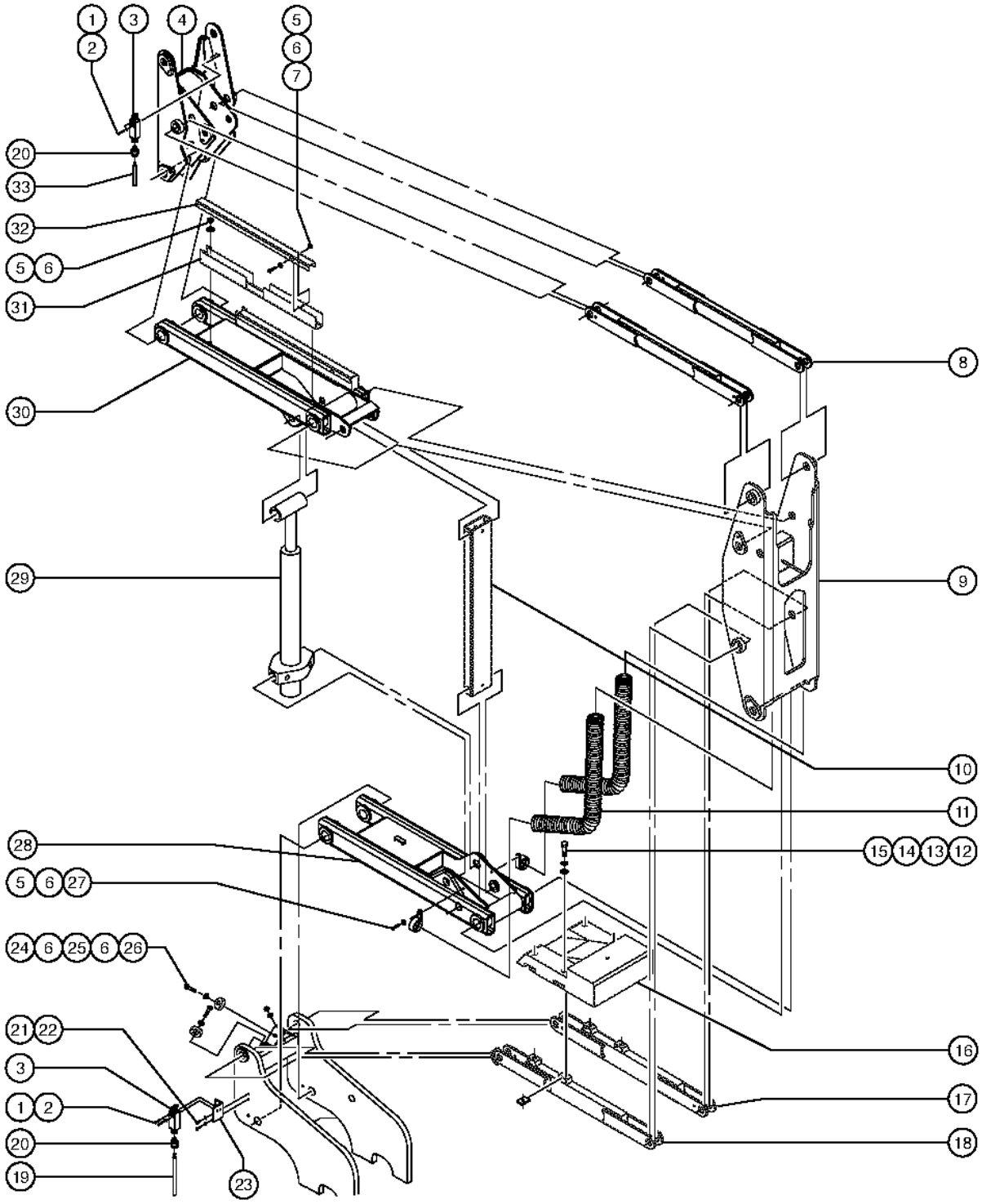
504.1 Secondary Boom - View 1



504.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
1	49821GT	SCREW,PHILLIPS,PHM,8-32 X 1.25	
2	6607GT	WASHER,LOCK,#10 PLTD	
3	88356-116R3GT	SWITCH,LIMIT,W/ROLLER ARM***	1
3-	19491GT	CONTACTOR,LIMIT SWITCH	
3-	88356-12103GT	SWITCH,LIMIT,W/ROLLER ARM	1
3-	76450GT	CONN.SQZ,PG 11,.07-.26,W/ORING	
3-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
3-	106428GT	LS STL ROLLER PLUNGER (ZCE02)	
3-	106429GT	LS METAL END PLUNGER (ZCE10)	
3-	97128GT	ROLLER ARM,LIMIT SWITCH***	
3-	106434GT	LS BLUE PLASTIC BODY (XCKP)	
3-	106086GT	HARNESS,LS,SEC LIFT LS4 Z30/34	
4	37125GT	UPPER MIDPIVOT ASSEMBLY,Z30N	1
5	6889GT	NUT,LP NYLOCK,1/4-20	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	4266GT	SCREW,HHC,1/4-20 X 2	
8	74945GT	COMPRESSION ARM WLDMT 38.50 **	2
9	40446GT	LOWER MIDPIVOT ASSY,Z34 &Z34N*	1
10	74232GT	CONNECTING LINK Z30N & Z34***	1
10-	74232GT	CONNECTING LINK Z30N & Z34***	
11	42939-5400GT	WIRE LOOM,1.88 DIA. (54 inches long)	2
12	21604GT	SCREW,HHC,3/8-16 X 3.25	
13	6021GT	WASHER, LOCK, .375	
14	80605GT	WASHER,FLAT,3/8X1.5X.06	
15	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
16	36620GT	COUNTERWEIGHT,CAST,400 LBS.	1
17	94425GT	COMP ARM WELD LOWER, RIGHT***	1
18	128632GT	KIT, SERVICE, Z30 LWR COMP ARM	1

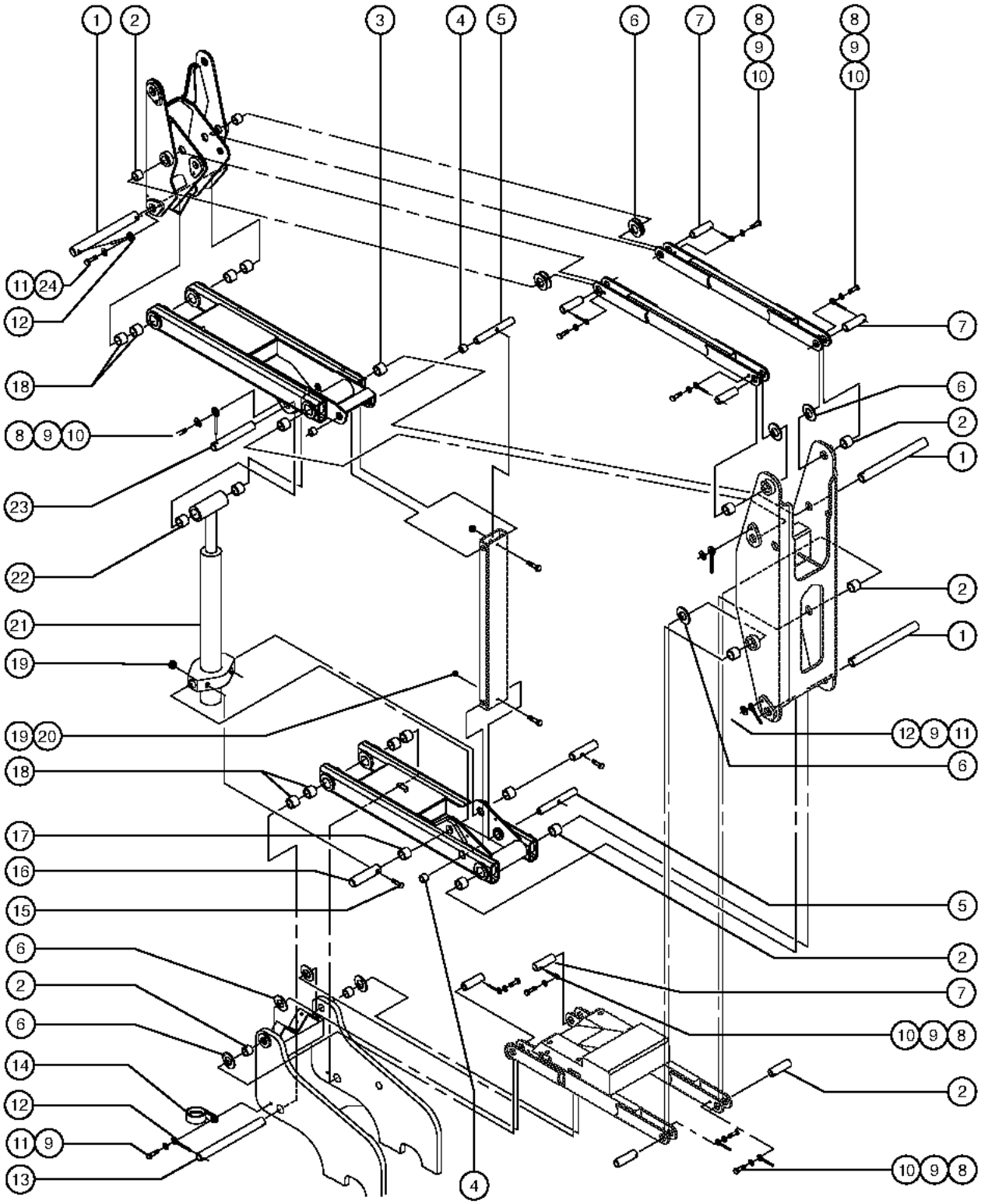
504.1 Secondary Boom - View 1



504.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
18-	128634GT	WELDMENT, LWR COMPRESION ARM	
19	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	
20	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	
21	8914GT	SCREW, HHC, 1/4-20 X .625	
22	6356GT	WASHER, LOCK, .25	
23	42413GT	ANGLE,SWITCH MOUNT***	1
24	45425GT	SCREW,FHS,3/8-16 X .75	
24-	8516GT	SCREW, HCC, 3/8-16 X 1.50	
25	36366GT	PAD,UPPER PIVOT REST	2
25-	74085GT	REST PAD,UPPER PIVOT Z30N	
26	4828GT	NUT, NYLOCK, 3/8-16	
27	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	
28	128039GT	UPPER SEC BOOM ASSY Z30N RJ	1
29	94211GT	CYLINDER,ELEVATE***	1
29-	56757GT	SEAL KIT 42412 ELEVATE**	
29-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	
29-	101349GT	CYLINDER,ELEVATE, Z30N	1
29-	94254GT	SEAL KIT, 94211, 94254, 101349	
29-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	
30	128040GT	LOWER SECONDARY BOOM ASSEMBLY	1
31	74271GT	HOSE TRACK,UPPER***	
32	42609GT	HOSE TRACK COVER,UPPER ARM	
33	44133GT	WIRE CABLE,16/4 CON.TPE JKT*	

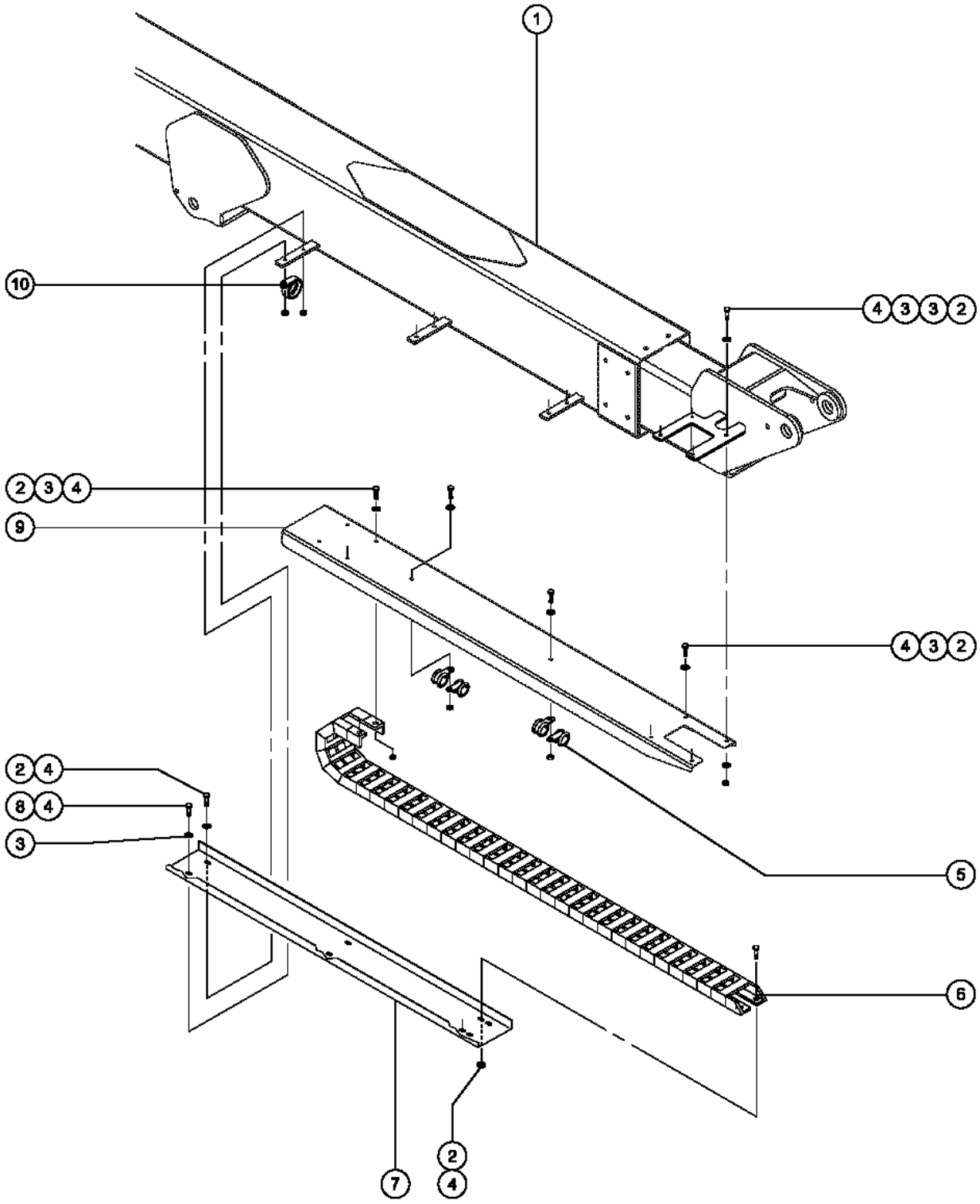
505.1 Secondary Boom - View 2



505.1 Secondary Boom - View 2

Item	Part No.	Description	Qty.
-	107935GT	KIT, SWING HOSE CLAMP, FIELD includes 106959GT, 106960PGT, 107933GT, 107934, and instructions 110148GT	
1	36194GT	PIN,1.50DIAX15.13LG,1HOLE	3
2	34245GT	BEARING,1.25IDX1.50X1.25L	10
3	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
4	36245GT	BEARING,FL,1.00IDX1.25ODX0.84L	4
5	36202GT	PIN,1.00DIAX7.25LG,1HOLE	2
6	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
7	36390GT	PIN,1.25DIAX3.63LG,THREADED	8
8	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	
9	6021GT	WASHER, LOCK, .375	
10	1255452GT	ROD END,.375 X 2.25,ZAG	7
11	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
12	825019GT	ROD END, .375X3.69, ZAG	3
13	36389GT	PIN,1.50DIAX16.13LG,1HOLE	1
14	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	
15	6326GT	SCREW,HHC,3/8-16 X 3	
16	36205GT	PIN,1.25DIAX3.00LG,THREADED	2
17	36246GT	BEARING,FL,1.25IDX1.50ODX1.09L	2
18	18396GT	BEARING,1.5IDX1.75ODX1.0L	4
19	4828GT	NUT, NYLOCK, 3/8-16	
20	36874GT	SCREW,BHHS,3/8-16 X 2.5	
21		Ref. Secondary Cylinder (refer to 504.1)	
22	25683GT	BEARING,POLYGON,20DU12	2
23	74089GT	PIN,1.25DIAx9.63LG,1HOLE	1
24	5397GT	WASHER, FLAT, USS, 5/16-18	

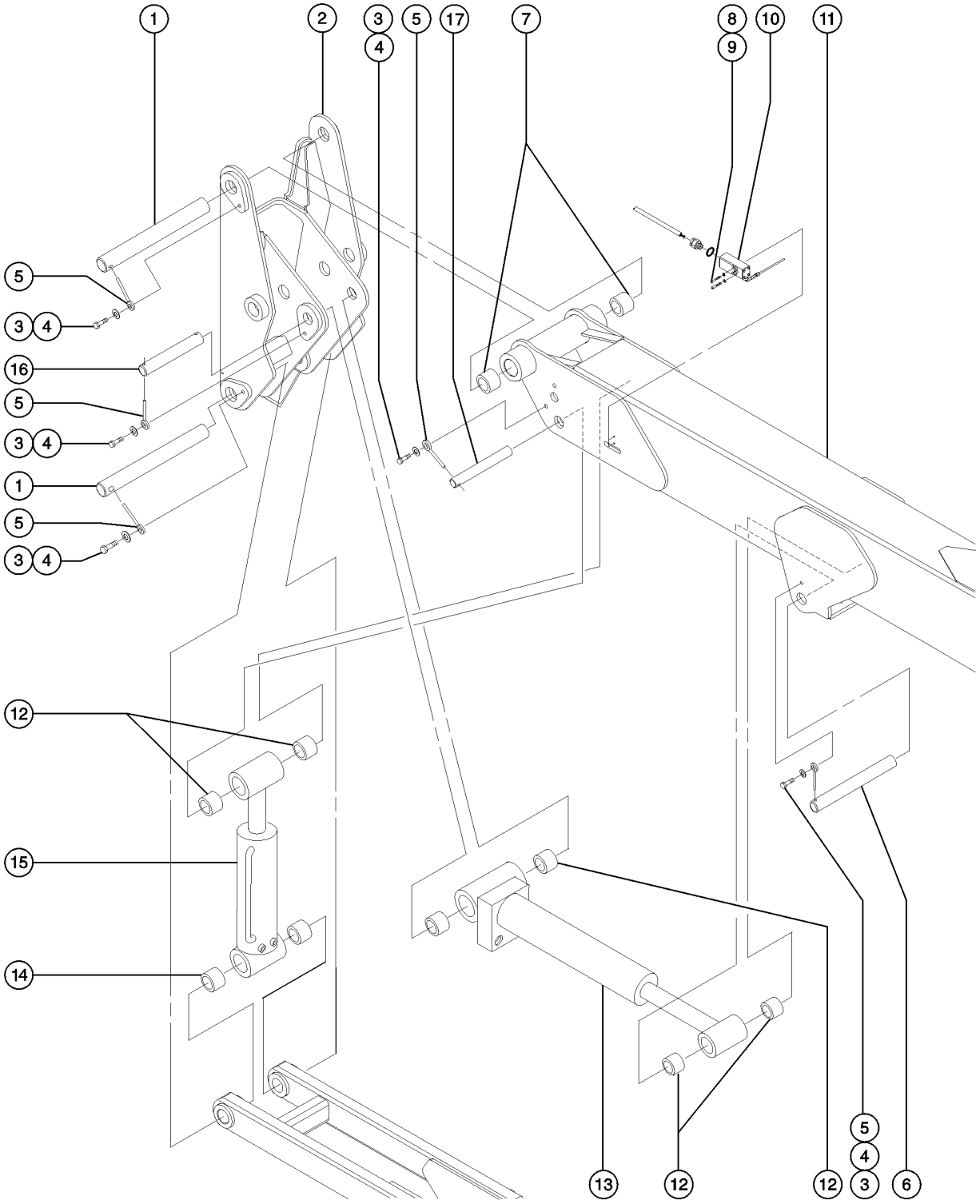
506.1 Cable Track



506.1 Cable Track

Item	Part No.	Description	Qty.
1		Ref. Primary and Extension Booms	
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT, NYLOCK, 1/4-20	
5	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	4
6A	42763GT	TRACK,PLASTIC CABLE,25 LINK 4" to SN 11979	1
6A-	58919GT	REPAIR LINK,7 LINKS*** for 42763GT	
6A-	58920GT	REPAIR LINK END SET (42763)* for 42763GT	
6A-	58927GT	LINK,NYLATRAC KS6-5.4*** for 42763GT	
6B	139537GT	CABLE TRACK,NYLATRAC,26 LINK from SN 11980	1
6B-	139542GT	LINK,NYLATRAC,KS400 for 139537GT	
6B-	139540GT	REPAIR LINK,NYLATRAC,7 LINKS for 139537GT	
6B-	139541GT	BRACKET SET,NYLATRAC,KS400 for 139537GT	
7A	42694PGT	CHANNEL,LWR, TRACK PAINTED** to SN 4115	1
7B	56983PGT	CHANNEL,LWR TRAY PLASTIC TK ** from SN 4116	
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9A	42693GT	CHANNEL,UPPER,PLASTIC TRACK,5" to SN 4598	1
9B	74119PGT	CHANNEL, CABLE TRACK, UPPER from SN 4599	
10	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	3

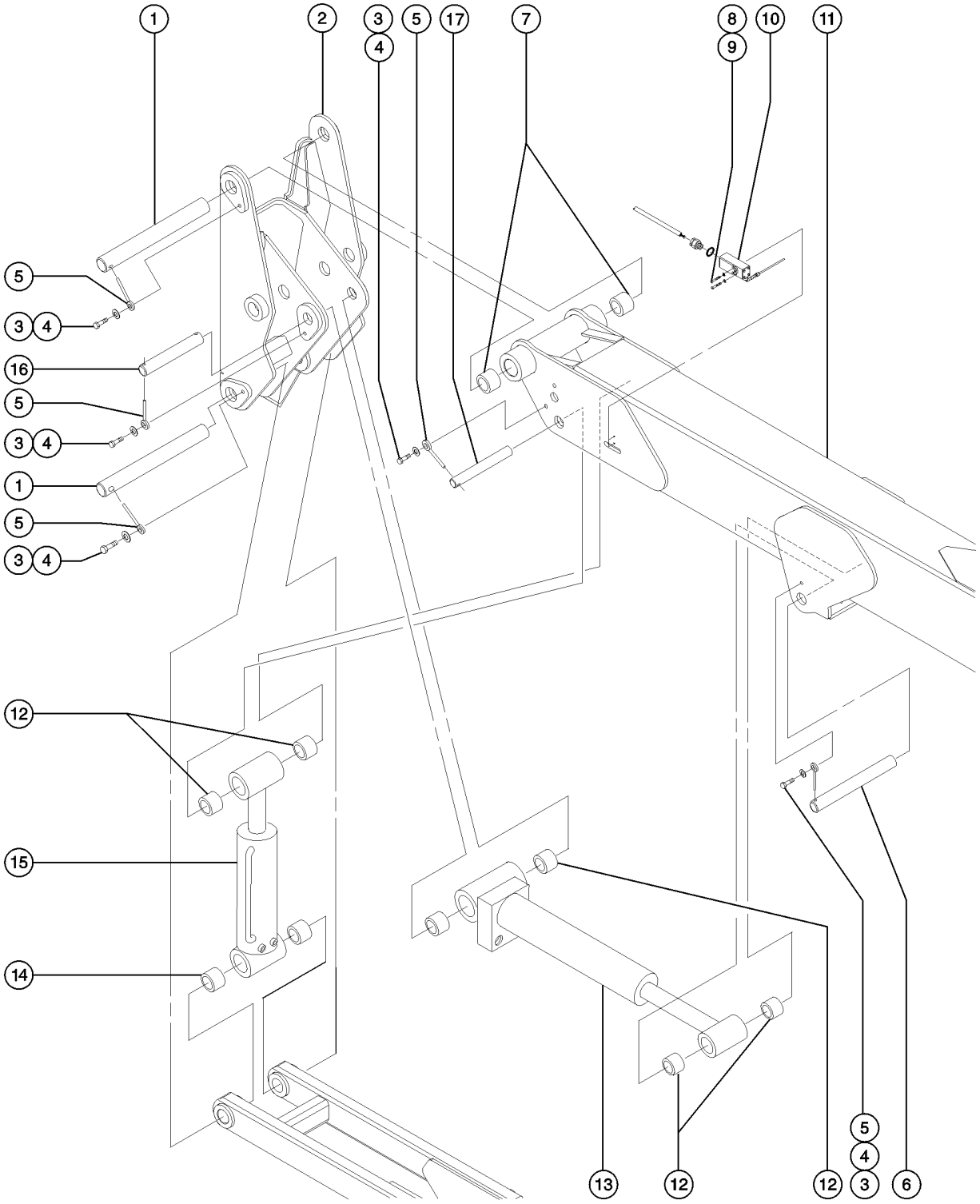
507.1 Upper Pivot



507.1 Upper Pivot

Item	Part No.	Description	Qty.
1	36194GT	PIN,1.50DIAX15.13LG,1HOLE	1
2	40447GT	UPPER MIDPIVOT ASSY,Z34 & Z34N	1
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
4	6021GT	WASHER, LOCK, .375	
5	825019GT	ROD END, .375X3.69, ZAG	3
6	74091GT	PIN,1.25DIAX9.13LG,1HOLE to SN 5932	1
6-	36198GT	PIN,1.25DIAX8.12LG,1HOLE from SN 5933	
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
8	49821GT	SCREW,PHILLIPS,PHM,8-32 X 1.25	
9	6607GT	WASHER,LOCK,#10 PLTD	
10	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM to SN 7015	1
10-	19491GT	CONTACTOR,LIMIT SWITCH	
10-	22359GT	SPRING ARM,LIMIT SWITCH,6.25"	
10-	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM from SN 7016	1
10-	106433GT	LS SPRING WAND (ZCY91)	
10-	106082GT	HARNESS,LS,EXT/RET LS1 Z30	
11		Ref. Primary Boom Tube Assembly (refer to 502.1)	
12	47377GT	BEARING,1.25 ID X 1.5 OD X .75	6
13	94215GT	CYLINDER,PRIMARY LIFT includes item 12	1
13-	94258GT	SEAL KIT, 94215, 94430 from SN 6042	
13-	83085GT	SEAL KIT (74588) from SN 5571 to 6041	
13-	48402GT	SEAL KIT,42407,42559 CYL,TEXAS to SN 5570	
13-	33428GT	VALVE,COUNTERBALANCE to SN 6461	
13-	43937GT	VALVE,CB.CBBC-LHN@3200*** from SN 6462	
14	52625GT	BEARING,1.50 X 1.66 X 1.5	
15	94216GT	CYLINDER,MASTER includes items 12 and 14	
15-	94259GT	SEAL KIT, 94216 from SN 6089; check stamp on cylinder prior to ordering	
15-	52620GT	SEAL KIT-EXT CYL & SLAVE CYL.* to SN 6088; check stamp on cylinder prior to ordering	

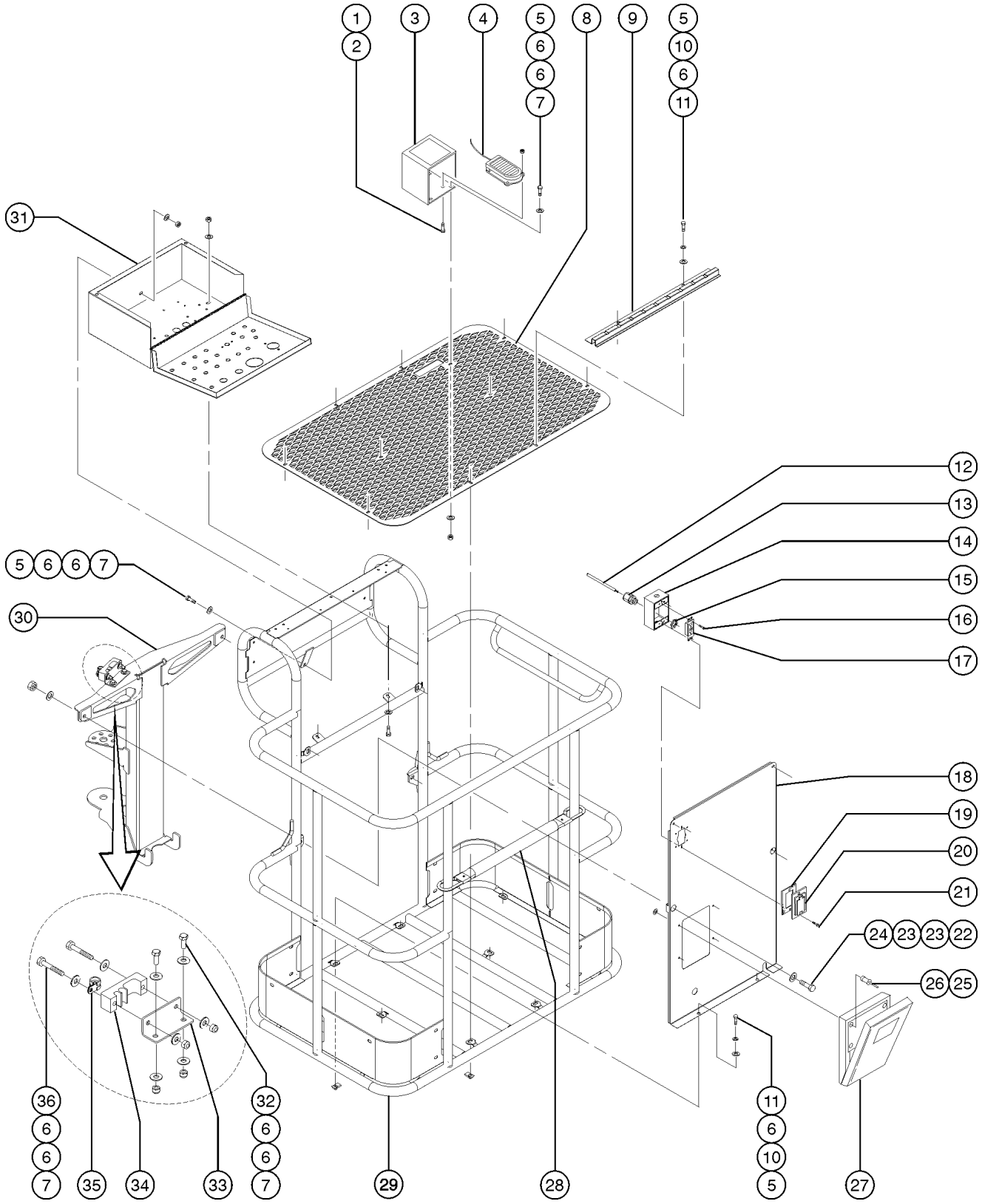
507.1 Upper Pivot



507.1 Upper Pivot

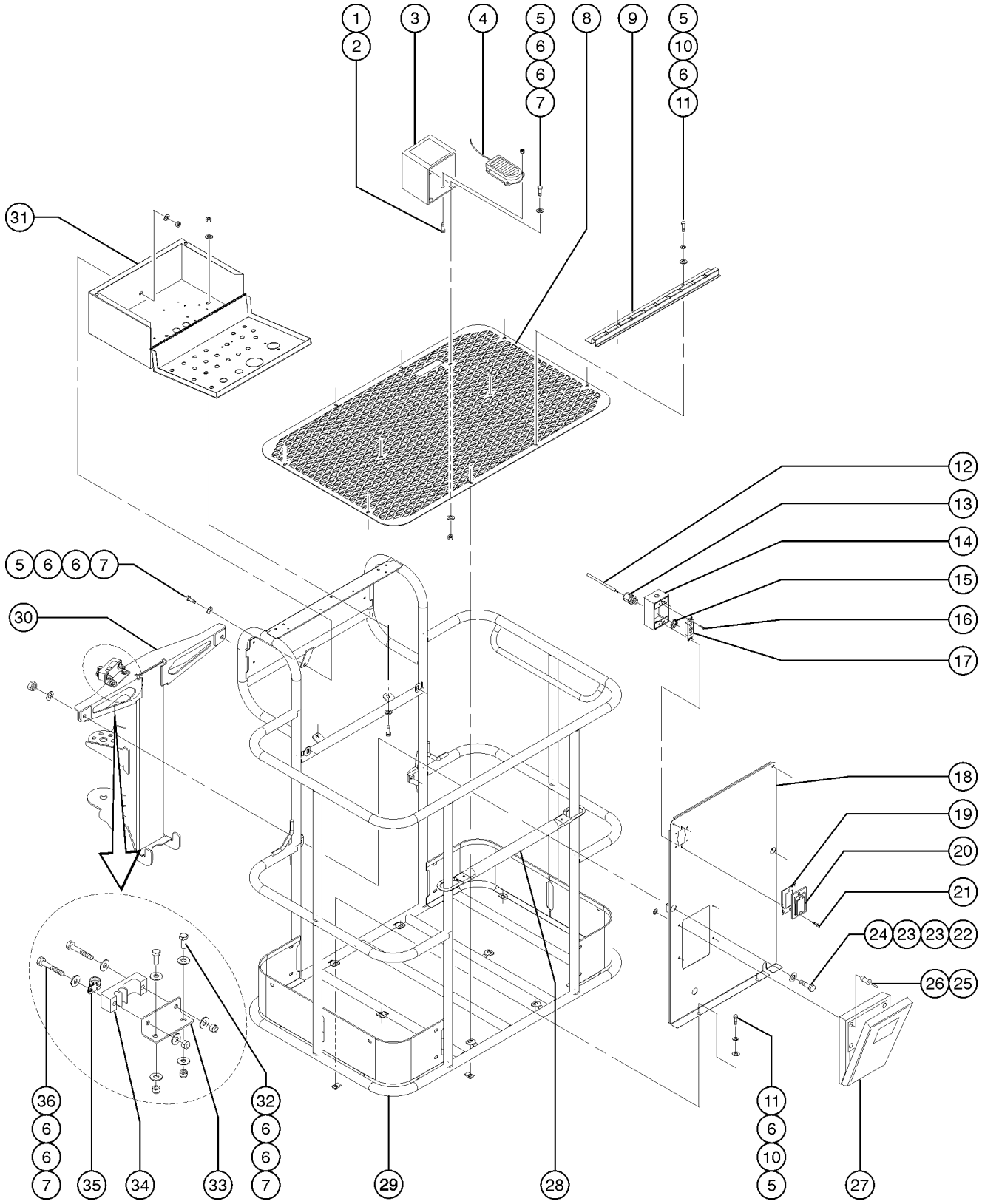
Item	Part No.	Description	Qty.
16	36198GT	PIN,1.25DIAX8.12LG,1HOLE	
17	74091GT	PIN,1.25DIAX9.13LG,1HOLE	1

601.2 Platform components



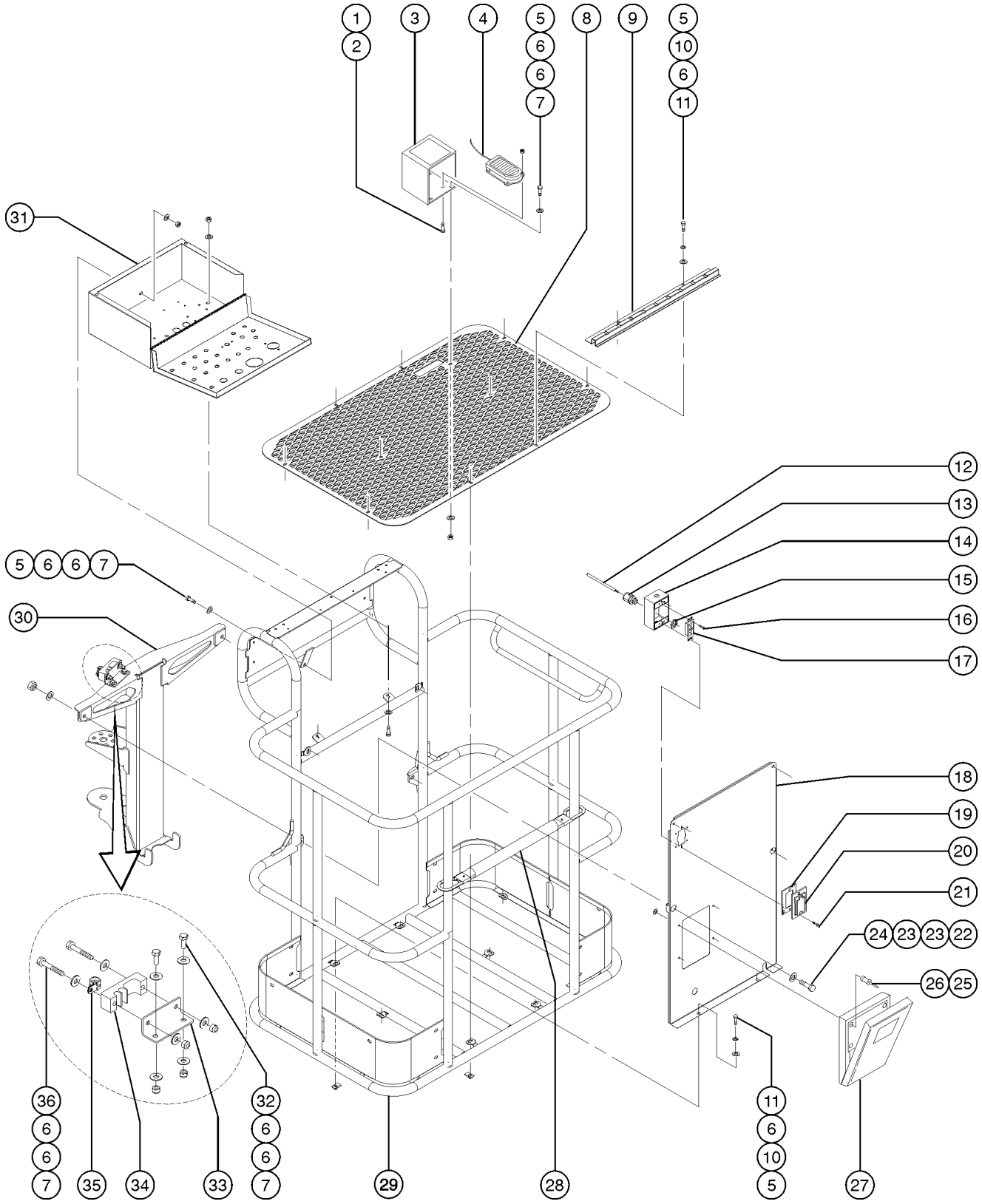
Item	Part No.	Description	Qty.
	1299375GT	PLAT ASSY,4' Z-30N ANSI WRD	
	1299372GT	Z-30N from SN 8333 PLAT ASSY,4' Z30 & Z40 CE	
	1299376GT	PLAT ASSY,4' Z-30N AUS	
	1299371GT	PLAT ASSY,4' Z30 & Z40 ANSI SYM	
	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*	
	1299370GT	PLAT ASSY,4' Z30/Z34 WORD Z-30N from SN 1932 to 8332	
	1299372GT	PLAT ASSY,4' Z30 & Z40 CE	
	1299370GT	PLAT ASSY,4' Z30/Z34 WORD	
	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	
1	17626GT	SCREW,FHM,10-32 X .75	
2	6178GT	NUT, NYLOCK, 10-32	
3A	32710GT	GUARD,FOOTSWITCH,W/DECAL STEEL USA/Canada/Australia	1
3B	30807P-SGT	FOOTSWITCH HOUSING,PAINTED CE/Asia/South America	
4A	74298GT	FOOTSWITCH ASSEMBLY 30N (to SN 12864)	1
4A-	13482GT	FOOT SWITCH*** for PN 74298GT	
4A-	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW for PN 74298GT	65 inches
4A-	20262GT	MICROSWITCH,13482 FOOTSWITCH for PN 74298GT	
4A-	228469GT	KIT, FOOTSWITCH, Z30/Z34 WORD upgrade kit (to SN 12864) USA/Canada/Australia	
4A-	228470GT	KIT, FOOTSWITCH, Z30/Z34 SYM upgrade kit (to SN 12864) CE/Asia/South America	
4B	227620GT	ASSEMBLY,FOOT SWITCH (from SN 12865) for PNs 228469GT & 228470GT	1
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	6091GT	NUT, NYLOCK, 1/4-20	
8	56465PGT	FLOORING,PLATFORM 46X30,PAINT	
9	56656PGT	PLATFORM STEP * PAINTED	1
10	6356GT	WASHER, LOCK, .25	
11	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	

601.2 Platform components



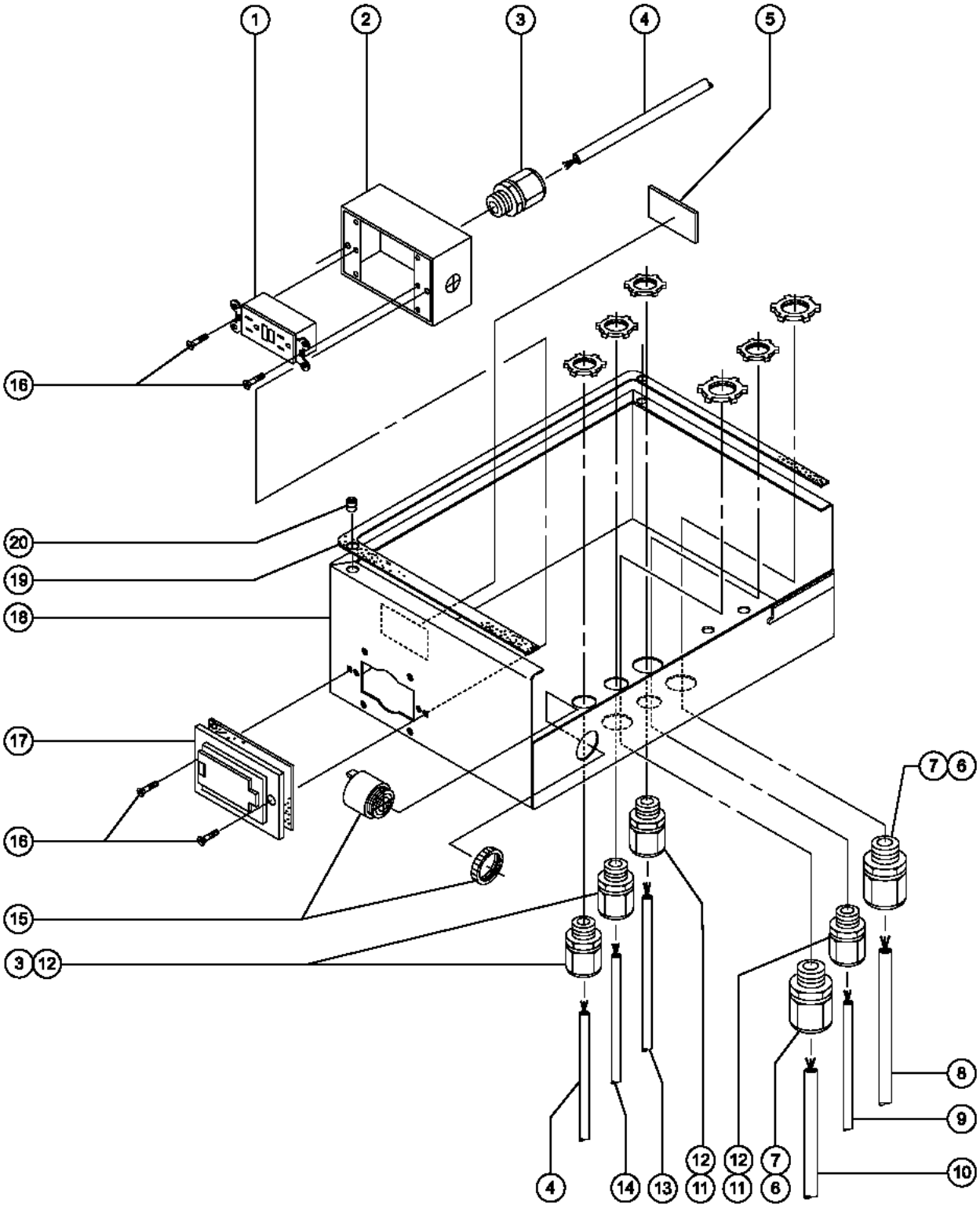
Item	Part No.	Description	Qty.
12	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	552 inches
13	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
14	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
15	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
16	13585GT	OUTLET, 110V North America	1
16	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT AC British	
16	33629GT	PLATE,UK POWER TO PLATFORM	1
17	33759GT	SCREW,PHILLIPS,PHM,8-32X.375	
18	62508GT	DECAL PLATE W/D,PLAT,Z30/34** USA/Canada; Australian to SN 12530	1
18	231204GT	ASSY,DECAL PLATE, Z30 AUS Australian models from SN 12531	
18	101980GT	DECAL PLATE ASSY,W/SYM DECALS CE/Asia/South America	
19	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	
20	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners; USA/Canada	1
21	63375GT	SCREW, FHM, 6-32 X .75	
22	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
23	5397GT	WASHER, FLAT, USS, 5/16-18	
24	4828GT	NUT, NYLOCK, 3/8-16	
25	12037GT	RIVET,STL,STL,P,.25 X .5	
26A	56660GT	WASHER,RIVETING	4
26B	6638GT	WASHER, FLAT, USS, 1/4"Y	4
27A	44743GT	MANUAL BOX W/DECALS*** USA/Canada/Australia	1
27B	24514GT	BOX, INSTRUCTION STORAGE** Europe/Asia/South America (decal required; refer to Section100)	
28	102992GT	SLIDING MIDRAIL KIT,PTD	1
28-	102992GT	SLIDING MIDRAIL KIT,PTD	
28-	12443GT	MIDRAIL GUIDE (HOOK)	
28-	20973-2600GT	WIRE LOOM,3/8 POLY SLIT 26 inches	
28-	20973-8000GT	WIRE LOOM,3/8 POLY SLIT 80 inches	

601.2 Platform components



Item	Part No.	Description	Qty.
28-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	
29	1299159GT	ASSY,4 FT SMALL PLATFORM,NO DECALS USA/Canada	1
29-	1299160GT	WELDMENT,4 FT SMALL PLATFORM	
29B	101982GT	PLAT RAIL ASSY, 4' CE CE (railing only; refer to top of parts list for complete platform)	
29C	101983GT	PLAT RAIL ASSY 4' AUS Australia (railing only; refer to top of parts list for complete platform)	
29D	101984GT	PLAT RAIL ASSY 4' ASIA/S.AMER Asia/South America (railing only; refer to top of parts list for complete platform)	
30	56500-SGT	WELDMENT,PLATFORM SUPPORT***	1
31	46993GT	CONT.BOX ASSY.PLAT Z30N,Z34DC box only; contains no internal components	1
31-	62517GT	CONT.BOX ASSY.PLAT Z30N,Z34DC	
31-	74353GT	CONTROL BOX ASSY.Z30/34N/34DC	
32	6090GT	SCREW, HHC, 1/4-20 X .75	
33	77993GT	BRACKET, CABLE STRAIN RELEIF to SN 12118	1
33-	128667GT	BRACKET, CABLE STRAIN RELIEF from SN 12119	
34	77994GT	CLAMP,CABLE STRAIN RELIEF to SN 12118	1
34-	128668GT	CLAMP,CABLE STRAIN RELIEF from SN 12119	
35	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH to SN 12118	1
35-	128669GT	BACKING PLATE, PLATFORM CLAMP from SN 12119	
36	6637GT	SCREW,HHC,1/4-20 X 1.75	

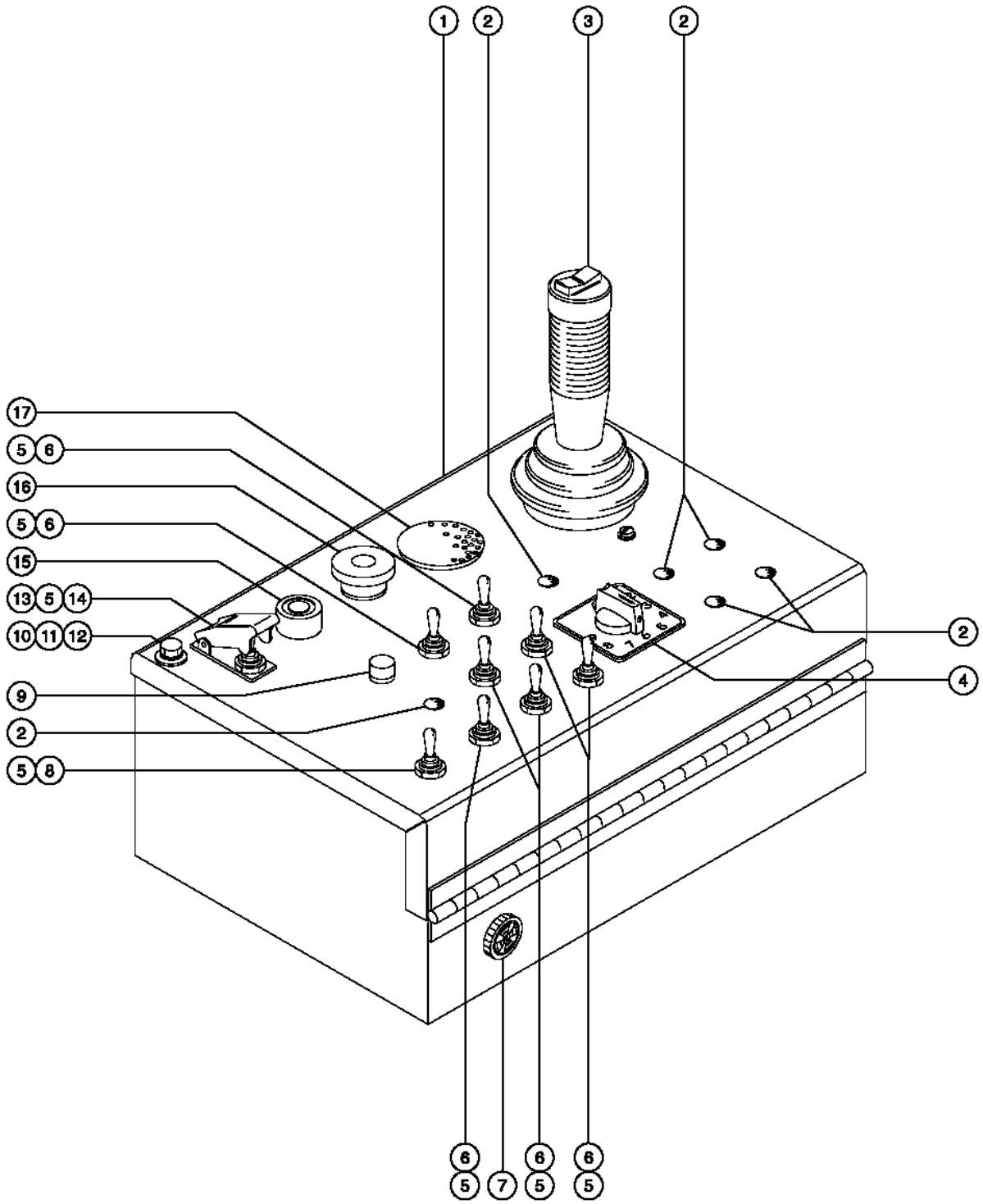
602.1 Platform Controls - View 1 (to SN 4082)



602.1 Platform Controls - View 1 (to SN 4082)

Item	Part No.	Description	Qty.
1	13585GT	OUTLET, 110V AC USA/Canada	1
1-	35003GT	RECEPTACLE, BRITISH, 110V AC British	
2	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
3	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	3
4	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	606 inches
5	30997GT	CORROSION INHIBITOR,FOAM	1
6	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	1
7	14041GT	LOCKNUT,ELECTRIC,3/4"	2
8	35934GT	WIRE CABLE,18/19 CON.TPRJKT	600 inches
9	43955GT	WIRE CABLE,12/3 CON.TPE JKT	600 inches
10	35934GT	WIRE CABLE,18/19 CON.TPRJKT	600 inches
11	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.	
12	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
13	43961GT	WIRE CABLE,16/6 CON.TPE J	136 inches
14	36600GT	FOOT SWITCH WIRE ASSY W/CONN.	1
15	45383GT	ALARM,WARBLE TONE 5-30 VDC***	
16	63375GT	SCREW, FHM, 6-32 X .75	
17	74006GT	COVER,GFCI,HORIZONTAL,WEATHER USA/Canada; includes mounting fasteners	1
18	46993GT	CONT.BOX ASSY.PLAT Z30N,Z34DC includes items 19 and 20 (box only; contains no internal components)	1
19	36235GT	GASKET,PLAT.CONTROL BOX	1
20	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	

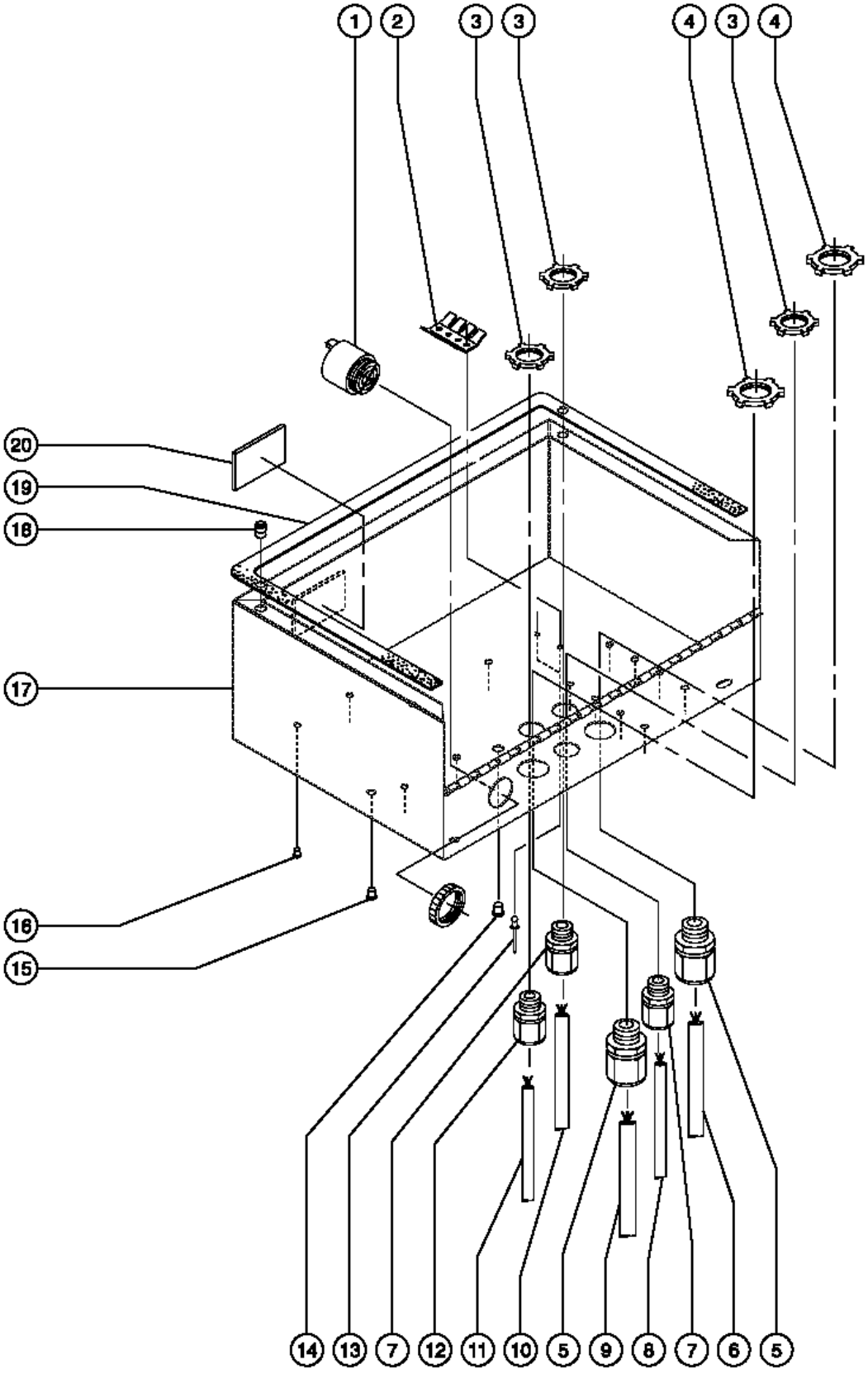
603.1 Platform Controls - View 2 (to SN 4082)



603.1 Platform Controls - View 2 (to SN 4082)

Item	Part No.	Description	Qty.
1	46993GT	CONT.BOX ASSY.PLAT Z30N,Z34DC box only; contains no internal components	1
2	45384GT	PLUG,NYLON .50 BLACK DOMED	6
3A		Ref., JOYSTICK refer to 606.1	1
3B		Ref., JOYSTICK refer to 607.1	
4	56886GT	CONTROLLER,ROTARY 24V W/RAMP	1
4-	35680GT	LEGEND,PLSTC,"CREEP TO 9"*** for 56886	
5	27246GT	BOOT,TOGGLE SWITCH,SHORT*	8
6	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN includes mounting fasteners	7
7	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326GT nut	1
7-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
8	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* includes mounting fasteners	1
9A	36373GT	LED,RED 24V includes mounting fasteners	1
9B	824878GT	LIGHT,LED IND. RED 24V NH includes mounting fasteners	
10	6090GT	SCREW, HHC, 1/4-20 X .75	
11	6356GT	WASHER, LOCK, .25	
12	6638GT	WASHER, FLAT, USS, 1/4"Y	
13	13471GT	COVER, AUXILIARY POWER SWITCH	1
14	13480-SGT	SWITCH,TOGGLE,DPDT,2POS MOMEN includes mounting fasteners	1
15	122513GT	KIT,HORN SVC BB&SM BOOM	1
15-	66813GT	BUTTON,PUSH,BLACK W/SEAL***	
15-	66815GT	BASE, W/1 N.O. CONTACTS***	
16	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
16-	66821GT	BASE,WITHOUT CONTACTS	
16-	66818GT	CONTACT,NC	
17	45840GT	PLUG,NYLON 2.00 BLACK DOMED	1

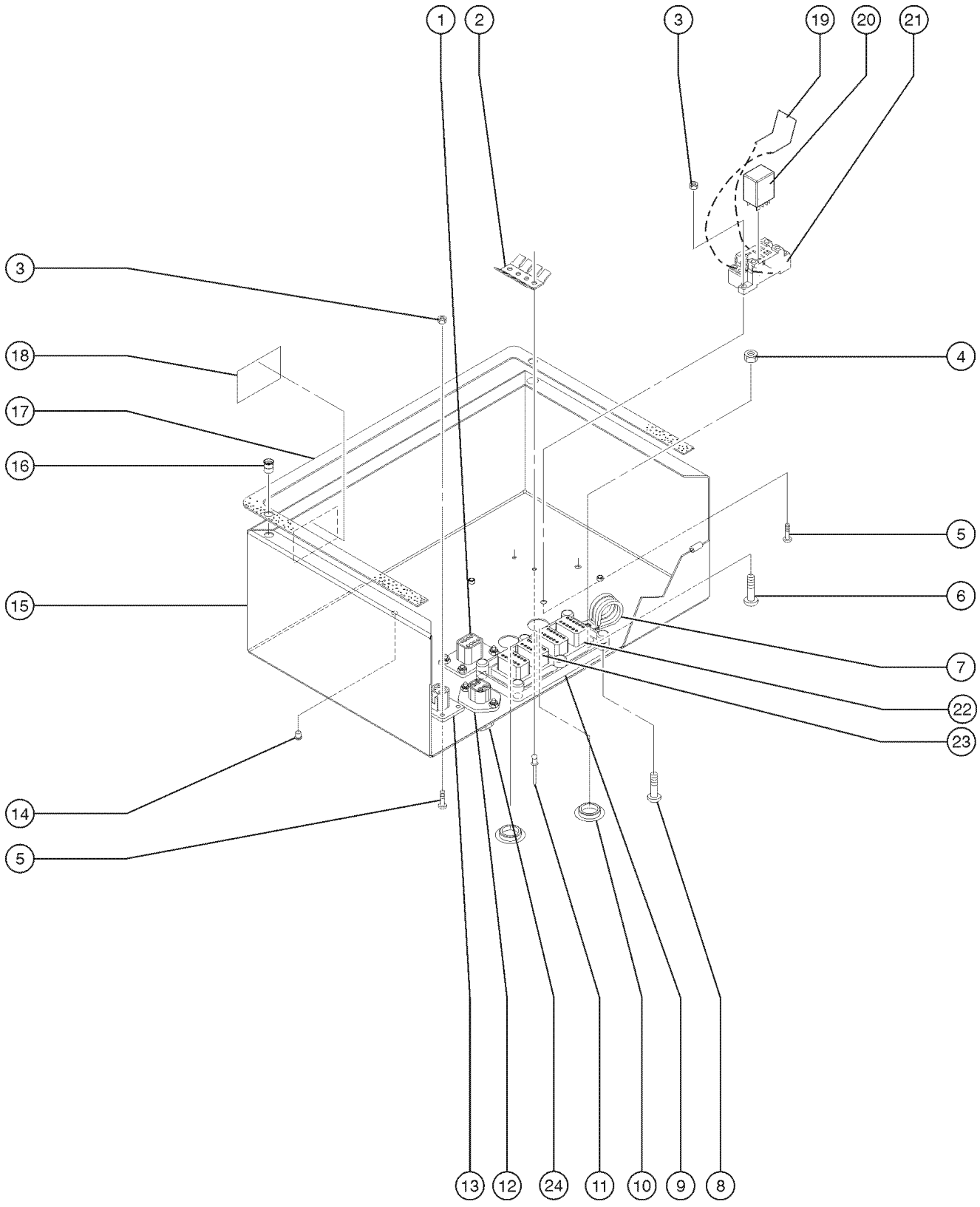
604.1 Platform Controls - View 1 (from SN 4083 to 8354)



604.1 Platform Controls - View 1 (from SN 4083 to 8354)

Item	Part No.	Description	Qty.
1	45383GT	ALARM,WARBLE TONE 5-30 VDC***	1
2	56663GT	TERMINAL STRIP	1
3	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	3
4	14041GT	LOCKNUT,ELECTRIC,3/4"	2
5	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	2
6	35934GT	WIRE CABLE,18/19 CON.TPRJKT	600 inches
7	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.	2
8	43955GT	WIRE CABLE,12/3 CON.TPE JKT	600 inches
9	35934GT	WIRE CABLE,18/19 CON.TPRJKT	600 inches
10	42587GT	WIRE CABLE,18GA/7CON TPR JKT	600 inches
11	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	600 inches
12	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
13	6272GT	RIVET,STL,STL,P,.125 X .25	
14	21858GT	PLUG,NYLON .38 BLACK DOMED	1
15	30996GT	PLUG,NYLON .313 BLACK DOMED	1
16	42781GT	PLUG, NYLON .250 BLACK DOMED	10
17	62517GT	CONT.BOX ASSY.PLAT Z30N,Z34DC includes items 18 and 19	1
17	74353GT	CONTROL BOX ASSY.Z30/34N/34DC includes items 18 and 19	
17	101989GT	PLAT CONTROL BOX W/DECAL includes items 18 and 19	
18	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
19	36235GT	GASKET,PLAT.CONTROL BOX	1
20	30997GT	CORROSION INHIBITOR,FOAM	1

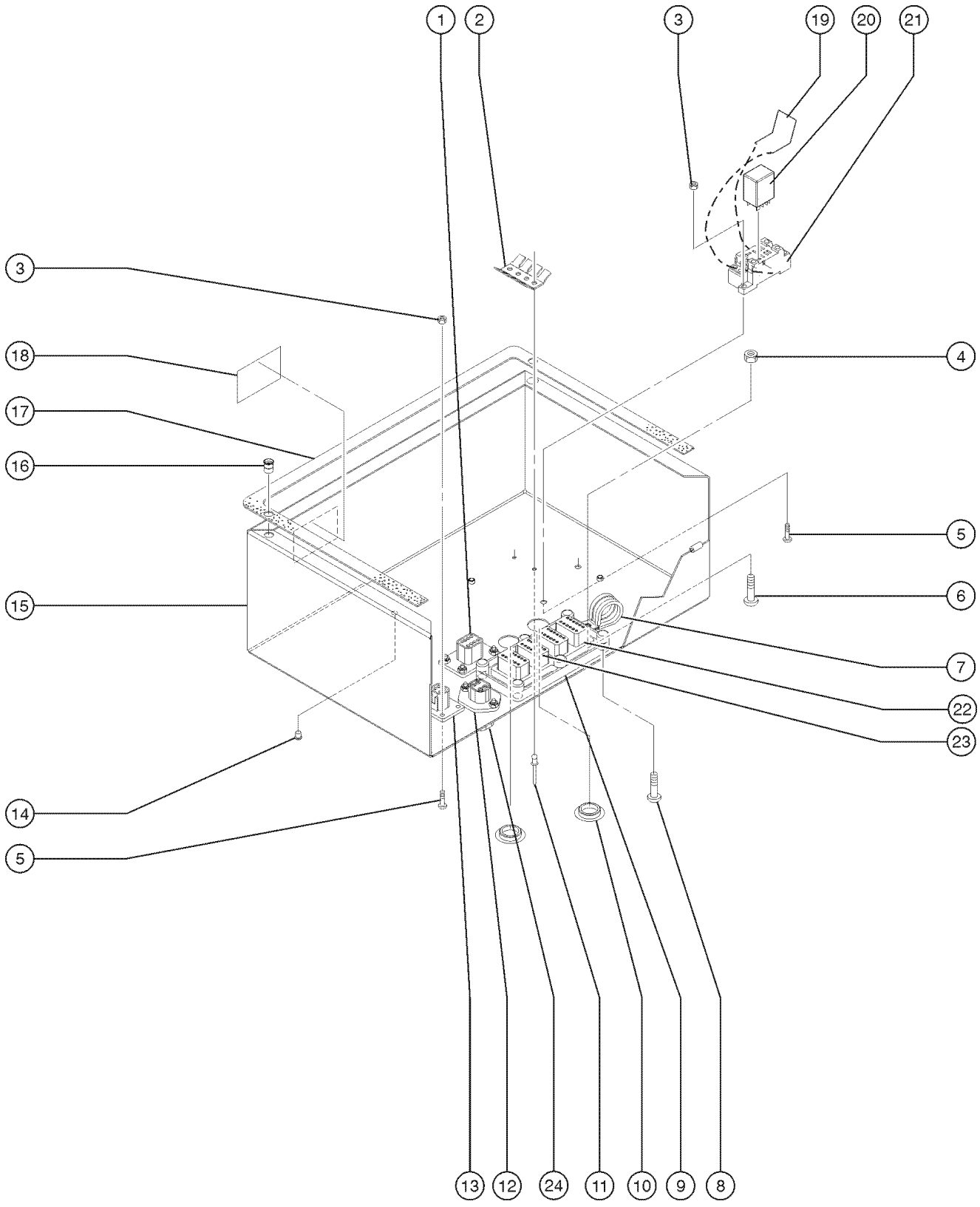
604.2 Platform Controls - View 1 (from SN 8355)



604.2 Platform Controls - View 1 (from SN 8355)

Item	Part No.	Description	Qty.
	147253GT	TIME DELAY RELAY,2 SEC,24VDC from SN 12120	
	147389GT	HARNESS, LOAD SENSE, Z30/34DC from SN 12120	
1	87755GT	CONN, RECEP, 8 WAY, DEUTSCH, DT, GRAY/FLANGE	1
2	56663GT	TERMINAL STRIP	1
3	12344GT	NUT,NYLOCK,6-32	
4	6178GT	NUT, NYLOCK, 10-32	
5	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
6	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
7	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
8	73803GT	SCREW,SHM,PHP, #12 X .75	
9	73736GT	CONN,RECEP 48 WAY,4 X 12	1
9	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
9	54255GT	LOCK,RECEP 12 WAY, 14-18GA	
10	15243GT	PLUG,NYLON .875 BLACK DOMED	2
11	6272GT	RIVET,STL,STL,P,.125 X .25	4
12	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
12-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
12-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
13	73723GT	CONN RECEPT,FLANGED	1
13-	54259GT	TERM,NI PIN, 14-16GA,BULK	
13-	60443GT	LOCK,RECEP 4 WAY,14-18GA	
14	42781GT	PLUG, NYLON .250 BLACK DOMED	4
15	110649GT	PLATFORM CONTROL BOX W/DECAL includes items 16, 17 and 18	1
16	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
17	36235GT	GASKET,PLAT.CONTROL BOX	1
18	30997GT	CORROSION INHIBITOR,FOAM	1
19	42617GT	CLIP,SPRING,POTTER BRUMFIELD	1
20	823226GT	POWER RELAY, 24V COIL (for drive light option)	1

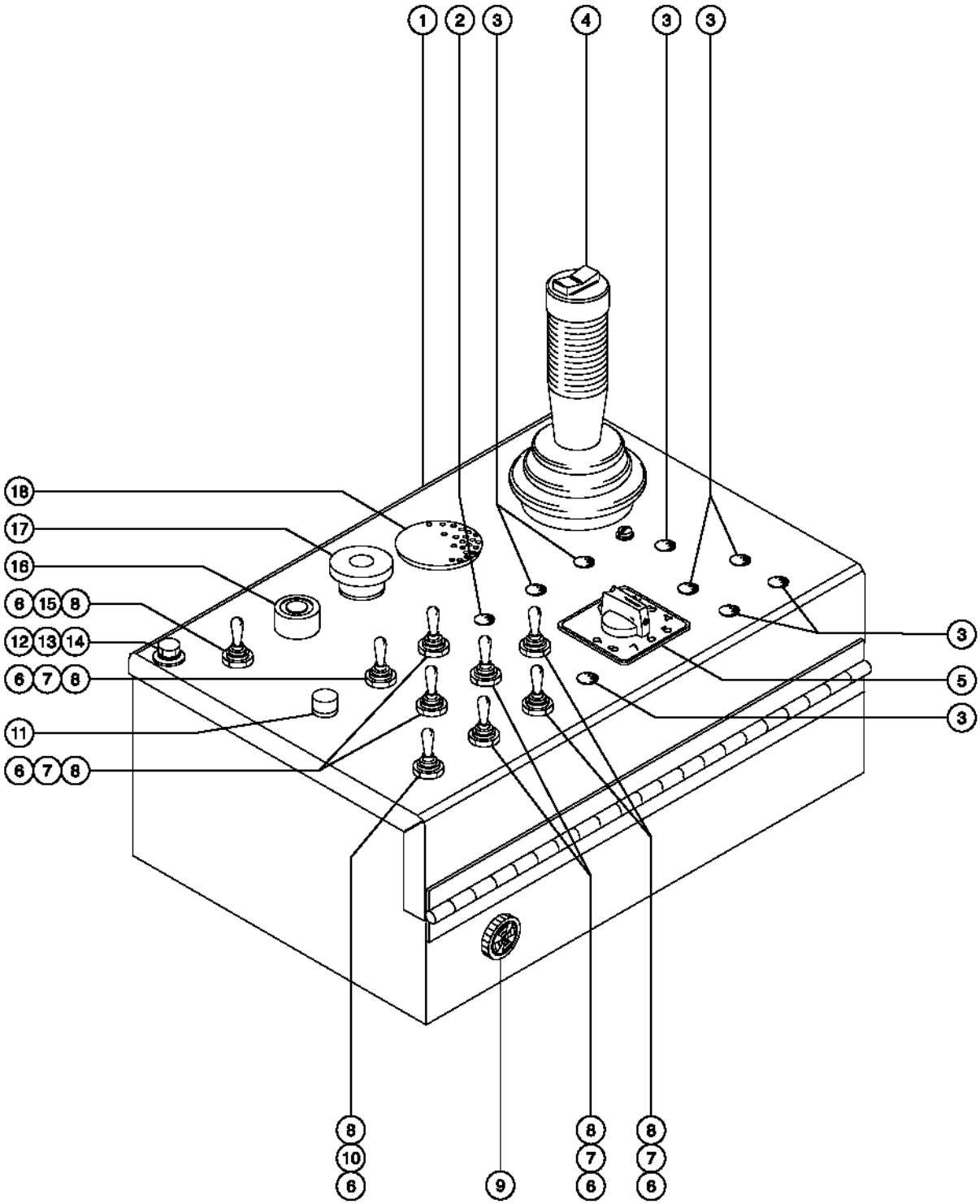
604.2 Platform Controls - View 1 (from SN 8355)



604.2 Platform Controls - View 1 (from SN 8355)

Item	Part No.	Description	Qty.
21	61226GT	RELAY SOCKET,70AMP	1
22	110243GT	HARNESS CABLE1 18/19 COND.	1
23	110239GT	HARNESS CABLE3 18/19 COND.	1
24	110235GT	HARNESS CABLE2 12/3 COND.	1

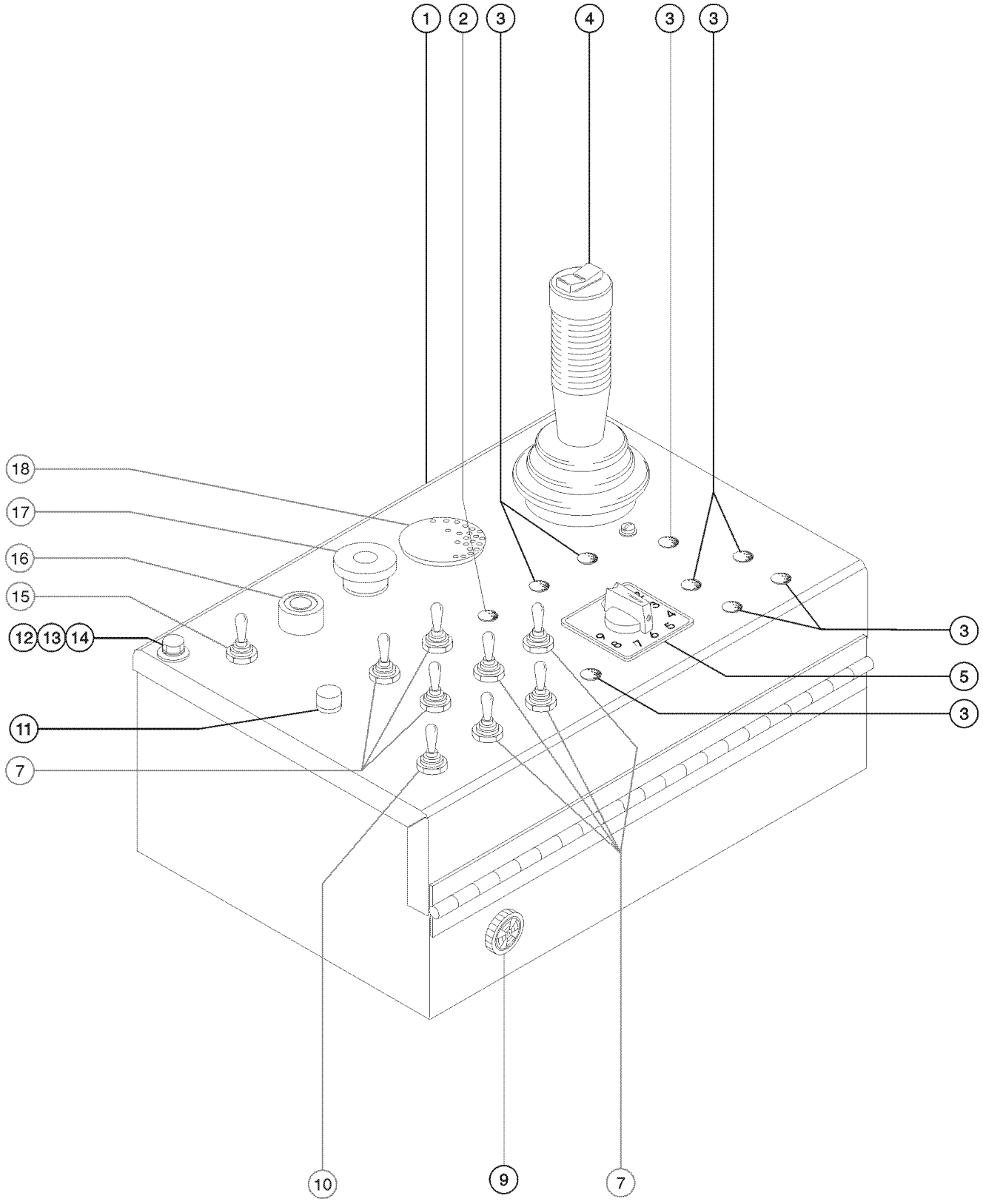
605.1 Platform Controls - View 2 (from SN 4083 to 11193)



605.1 Platform Controls - View 2 (from SN 4083 to 11193)

Item	Part No.	Description	Qty.
1		Ref. Control Box with Lid and Decal (refer to 604.1)	
2	45384GT	PLUG,NYLON .50 BLACK DOMED	1
2-	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN	
3	45384GT	PLUG,NYLON .50 BLACK DOMED	5
4		Ref., JOYSTICK refer to 607.1	
5	56886GT	CONTROLLER,ROTARY 24V W/RAMP	1
5-	35680GT	LEGEND,PLSTC,"CREEP TO 9"*** for 56886	
6	27246GT	BOOT,TOGGLE SWITCH,SHORT*	9
7	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN	7
8	54692GT	SPACER,NYLON,.718 X .526 X.219	10
9	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326GT nut	1
9-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
10	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN*	1
11	824878GT	LIGHT,LED IND. RED 24V NH includes mounting fasteners	1
12	6090GT	SCREW, HHC, 1/4-20 X .75	
13	6356GT	WASHER, LOCK, .25	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	42730-SGT	SWITCH,TOGGLE SPDT,2POS MOMEN includes mounting fasteners	1
16	122513GT	KIT,HORN SVC BB&SM BOOM	1
16-	66813GT	BUTTON,PUSH,BLACK W/SEAL***	
16-	66815GT	BASE, W/1 N.O. CONTACTS***	
17	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
17-	66821GT	BASE,WITHOUT CONTACTS	
17-	66818GT	CONTACT,NC	
18	45840GT	PLUG,NYLON 2.00 BLACK DOMED	1

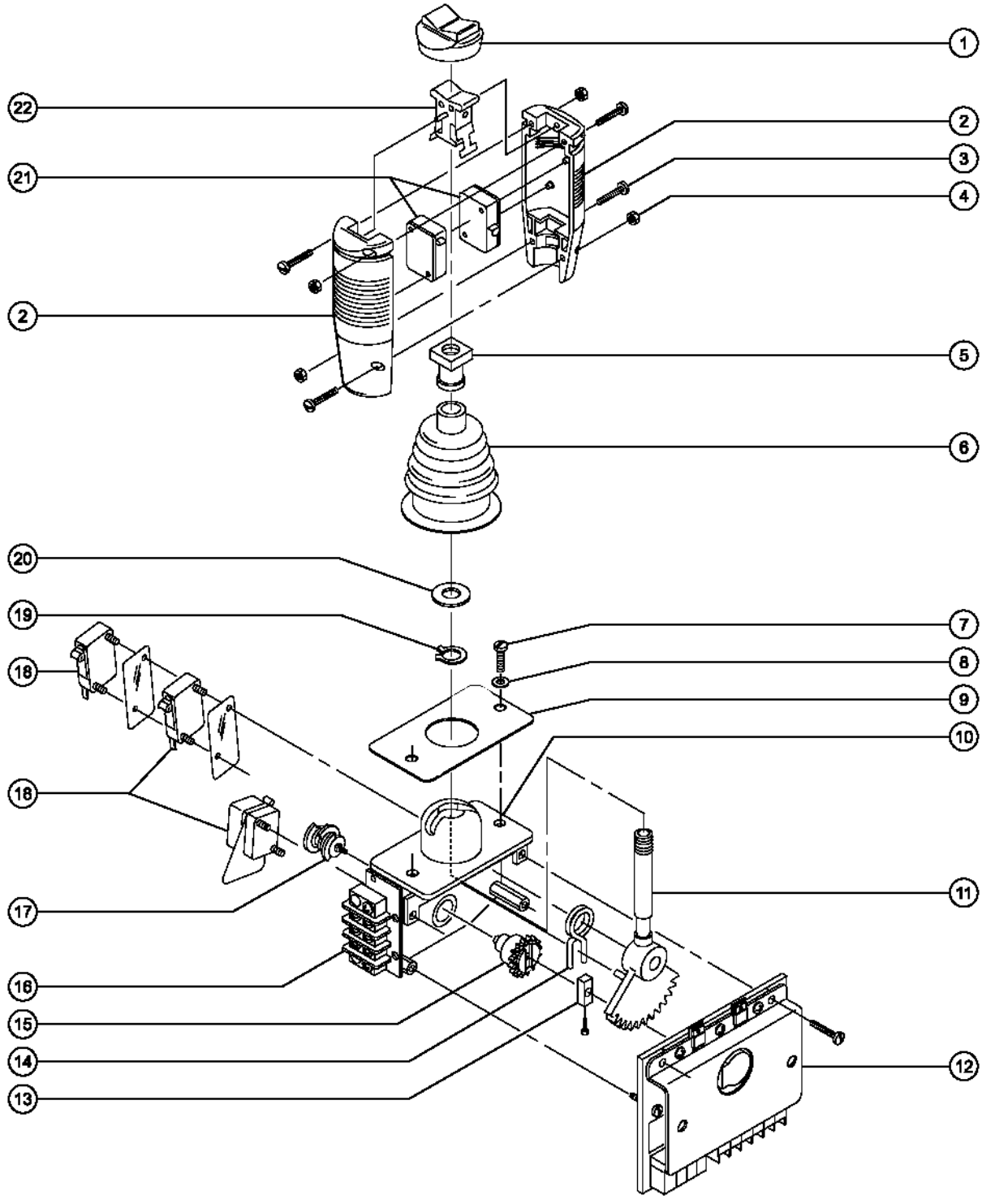
605.2 Platform Controls - View 2 (from SN 11194)



605.2 Platform Controls - View 2 (from SN 11194)

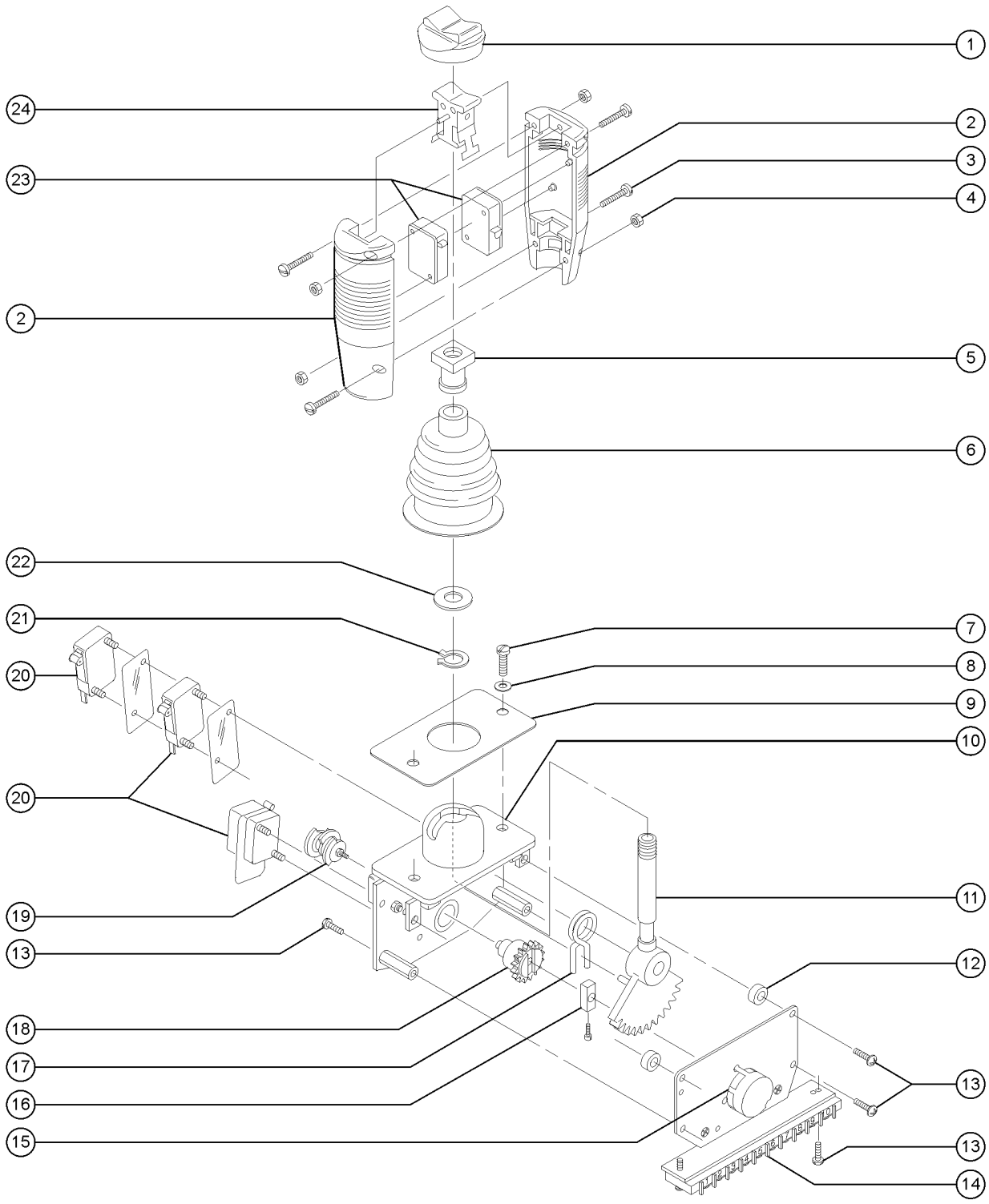
Item	Part No.	Description	Qty.
1		Ref. Control Box with Lid and Decal (refer to 605.1)	
2-	45384GT	PLUG,NYLON .50 BLACK DOMED to SN 14163	1
2-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME from SN 14164	
2	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
3	45384GT	PLUG,NYLON .50 BLACK DOMED to SN 14163	5
3	229567GT	PLUG,SANTOPRENE .5 BLACK DOME from SN 14164	
4		Ref., JOYSTICK refer to 607.1	1
5	56886GT	CONTROLLER,ROTARY 24V W/RAMP	1
5-	35680GT	LEGEND,PLSTC,"CREEP TO 9"*** for 56886	
7	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	7
9	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326GT nut	1
9-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
10	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
11	824878GT	LIGHT,LED IND. RED 24V NH includes mounting fasteners	1
12	6090GT	SCREW, HHC, 1/4-20 X .75	
13	6356GT	WASHER, LOCK, .25	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM includes mounting fasteners	1
16	122513GT	KIT,HORN SVC BB&SM BOOM	1
16-	66813GT	BUTTON,PUSH,BLACK W/SEAL***	
16-	66815GT	BASE, W/1 N.O. CONTACTS***	
17	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
17-	66821GT	BASE,WITHOUT CONTACTS	
17-	66818GT	CONTACT,NC	
17-	146478GT	BOOT(BELLOWS),E-STOP,BLACK (from SN 12402)	
18	45840GT	PLUG,NYLON 2.00 BLACK DOMED	1

606.1 Joystick Controller (to SN 3446)



Item	Part No.	Description	Qty.
	42032GT	JOYSTICK,CNTRLLR SINGLE BRD*** ..... OEM joystick, contains all shown service parts	
	42032HGT	JOYSTICK,CNTRLLR SINGLE BRD ..... aftermarket joystick replacement	
1	43038GT	BOOT-THUMB ROCKER** BLACK	1
2	1323938GT	KIT, JOYSTICK GRIP/HANDLE	2
3	52895GT	SCREW,PHM,M3 X .5 X 12MM	
4	52928GT	NUT-HEX,3M X 0.5MM	
5	43040GT	NUT,JS,36867/42032/44988/40612	
6	21427GT	BOOT,CONTROLLER**	1
7	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
8	74362GT	WASHER,NYLON, JOYSTICK	
9	43042GT	GASKET,JOYSTK.SHAFT36867/42032	1
10	58987GT	CASTING 42032	1
11	46227GT	SHAFT ASSY, JOYSTICK*** ..... includes gear	1
12	43045GT	PCB,ASSY,42032 CONTROLLER	1
13	65529GT	COUPLING-POT,JOYSTICK (56579)	1
14	21434GT	SPRING & BUSHING KIT,RETURN***	1
15	19731GT	GEAR, SLAVE, MS4,45048	1
16	74363GT	TERMINAL BUSS,JOYSTICK(42032)	1
17	74364GT	CAM ASSEMBLY, JOYSTICK(42032)	1
18	19712GT	MICROSWITCH,V3L-139-D8	4
19	74365GT	C-CLIP, SHAFT, JOYSTICK	1
20	74366GT	WASHER, FLAT, SHAFT, JOYSTICK	
21	19722GT	MICROSWITCH-V319M***	2
22	58986GT	ROCKER ASSY (42032)*** ..... yellow plastic	1
22-	65178GT	ROCKER ASSY W/ROLLPIN*** ..... black plastic	

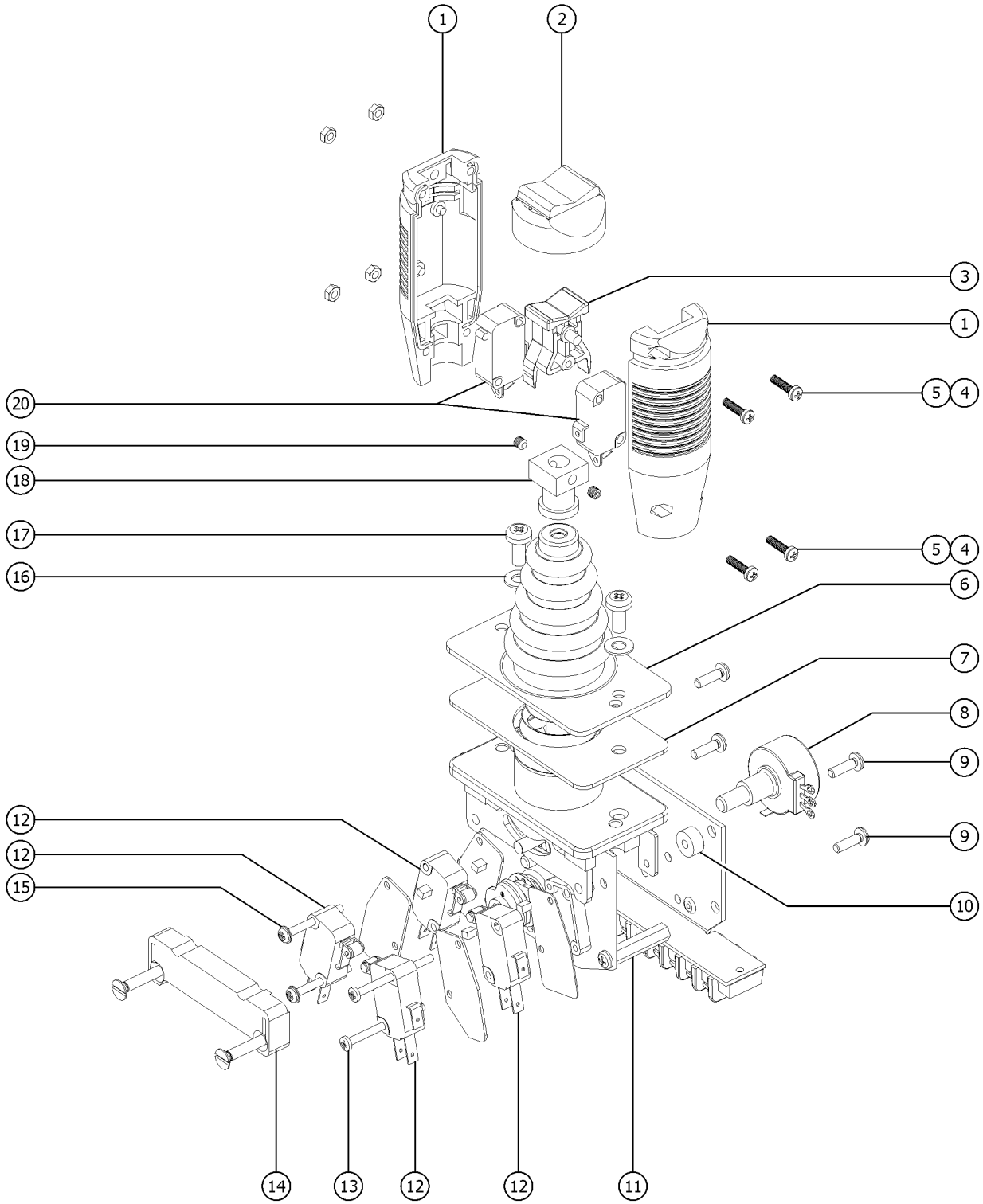
607.1 Joystick Controller (from SN 3447 to 14695)



607.1 Joystick Controller (from SN 3447 to 14695)

Item	Part No.	Description	Qty.
A	56773GT	JOYSTICK,5K-0 OHM (10-pin connector) to SN Z30N13-14695	
1	43038GT	BOOT-THUMB ROCKER** BLACK	1
2	1323938GT	KIT, JOYSTICK GRIP/HANDLE	
3	52895GT	SCREW,PHM,M3 X .5 X 12MM	
4	52928GT	NUT-HEX,3M X 0.5MM	
5	43040GT	NUT,JS,36867/42032/44988/40612	1
6	21427GT	BOOT,CONTROLLER**	1
7	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
8	74362GT	WASHER,NYLON, JOYSTICK	
9	43042GT	GASKET,JOYSTK.SHAFT36867/42032	1
10	58987GT	CASTING 42032	1
11	46227GT	SHAFT ASSY, JOYSTICK*** includes gear	1
12	74368GT	SPACER-POT.PLATE,JOYSTICK56773	1
13	65546GT	SCREW,PHM,M3.5 X 12MM (57890)	
14	74367GT	TERM.BUSS,10POLE,JOYSTICK56773	1
15	72298GT	POTENTIOMETER (56773)	1
16	65529GT	COUPLING-POT,JOYSTICK (56579)	1
17	21434GT	SPRING & BUSHING KIT,RETURN***	1
18	19731GT	GEAR, SLAVE, MS4,45048	1
19	74364GT	CAM ASSEMBLY, JOYSTICK(42032)	1
20	19712GT	MICROSWITCH,V3L-139-D8	1
21	74365GT	C-CLIP, SHAFT, JOYSTICK	1
22	74366GT	WASHER, FLAT, SHAFT, JOYSTICK	
23	19722GT	MICROSWITCH-V319M***	2
24	58986GT	ROCKER ASSY (42032)***	1

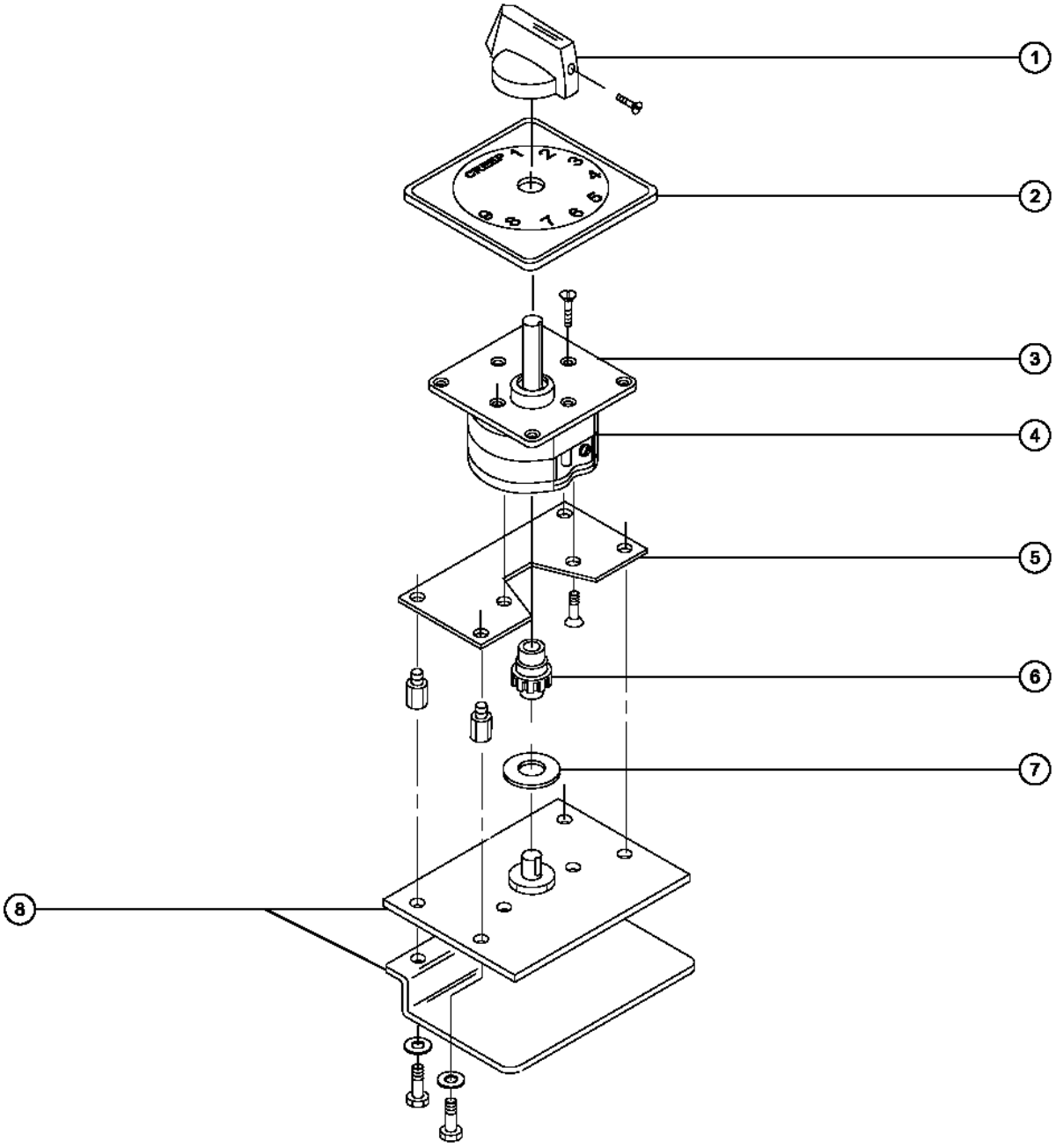
607.2 Joystick Controller (from SN 14696)



607.2 Joystick Controller (from SN 14696)

Item	Part No.	Description	Qty.
A	234923GT	JOYSTICK,5K-0 OHM,W/RELAY	1
1	1323938GT	KIT, JOYSTICK GRIP/HANDLE	2
2	43038GT	BOOT-THUMB ROCKER** BLACK	1
3	65178GT	ROCKER ASSY W/ROLLPIN***	1
4	52895GT	SCREW,PHM,M3 X .5 X 12MM	4
5	52928GT	NUT-HEX,3M X 0.5MM	4
6	21427GT	BOOT,CONTROLLER**	1
7	43042GT	GASKET,JOYSTK.SHAFT36867/42032	1
8	72298GT	POTENTIOMETER (56773)	1
9	65546GT	SCREW,PHM,M3.5 X 12MM (57890)	6
10	74368GT	SPACER-POT.PLATE,JOYSTICK56773	2
11	19721GT	MICROSWITCH SPACER,45049	1
12	19712GT	MICROSWITCH,V3L-139-D8	4
13	52892GT	SCREW,PHS,4-40 X 1.5	2
14	19713GT	SPRING RETURN,HEAVY DUTY,45049	1
15		Ref. SCREW, 4-40 x 1/18" illustration purpose only	2
16	74362GT	WASHER,NYLON, JOYSTICK	2
17	226383GT	SCREW	2
18	43040GT	NUT,JS,36867/42032/44988/40612 coupling	1
19	58985GT	SCREW,HANDLE42032,40612,36867	2
20	19722GT	MICROSWITCH-V319M***	2

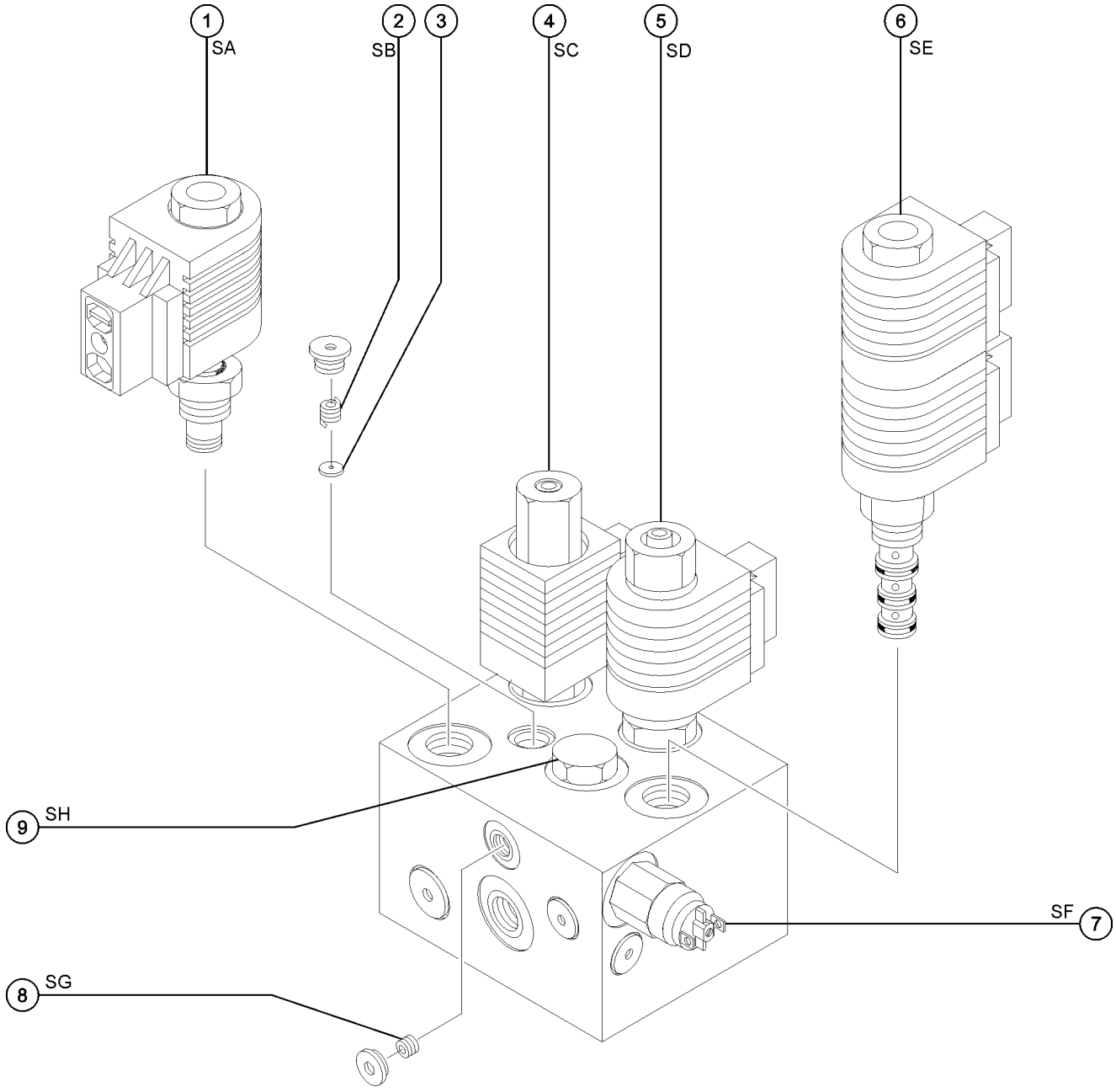
608.1 Rotational Controller



608.1 Rotational Controller

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

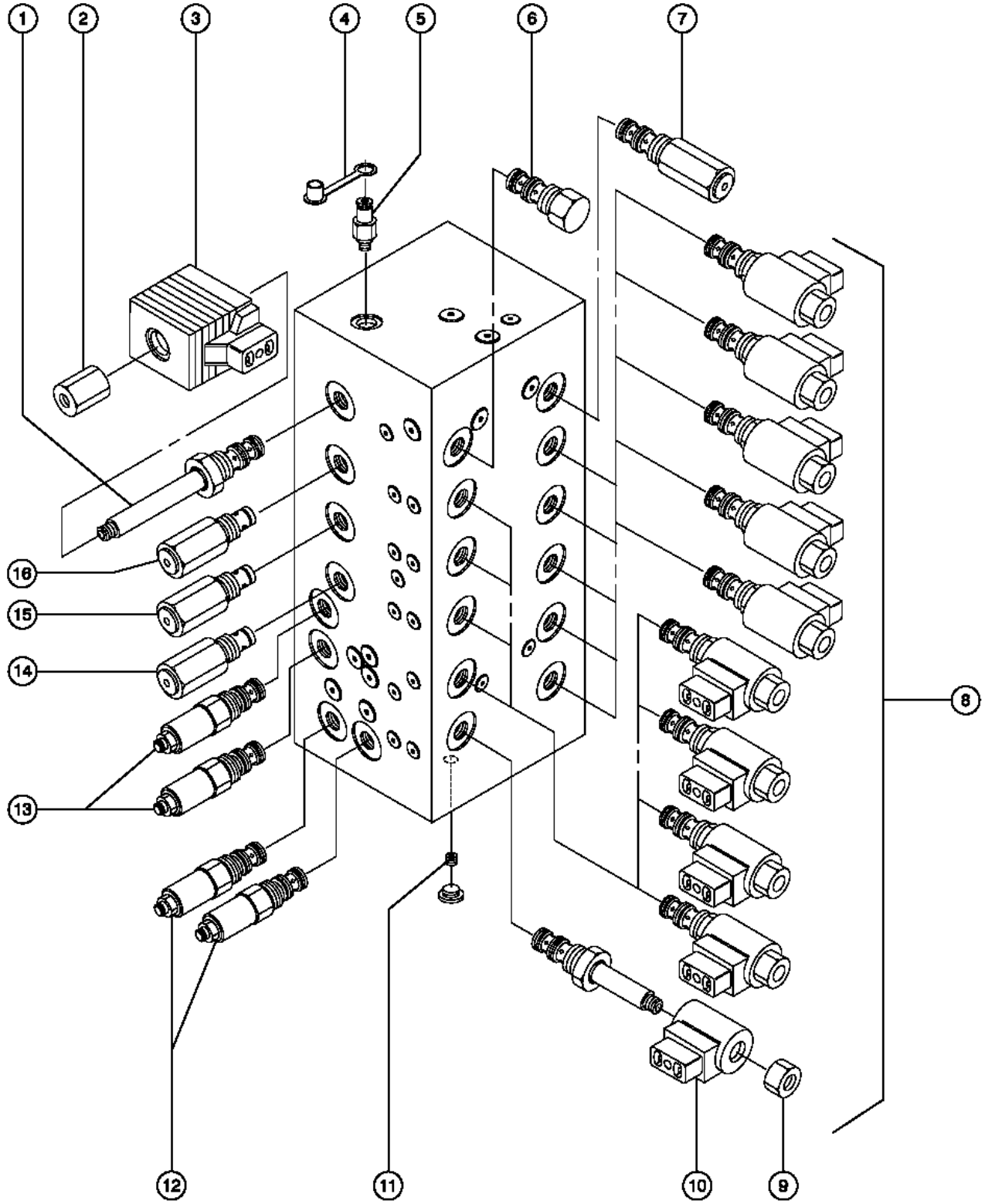
701.1 Steer/Brake Manifold (to SN 3446)



701.1 Steer/Brake Manifold (to SN 3446)

Item	Part No.	Description	Qty.
	42764GT	MANIFOLD,STEER/BRAKE*** includes items 1-6, 8 and 9; not used after SN 3446	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	58989GT	PLUG KIT MANIFOLD	
1	45544GT	VALVE SOLENOID SA, Brake Circuit	1
1-	52339GT	COIL,SOLND,W/D,20V DUAL SPADE (dual-spade coil)	
1-	40413GT	COIL,SOLND,W/D,20V SGL SPADE (single-spade coil)	
1-	52943GT	NUT, SOLENOID VALVE COIL	
1-	74902GT	SEAL KIT, VALVE for 45544GT	
2	18920GT	SPRING-DRIVE MANIFOLD/520131 SB, Orfice	1
3	40424GT	PLUG,ORIFICE, .052 INCH	1
4	58965GT	VALVE, PROPORTIONAL (42764) SC, includes items 13 and 14	1
4-	29032GT	COIL,24V SOLENOID VALVE	
4-	62276GT	NUT, SOLENOID VALVE COIL	
4-	T112540GT	SEAL KIT,VALVE	
5	44956GT	VALVE,SOLENOID 20V W/DIODE SD	1
5-	45912GT	NUT,SOLENOID VALVE 2P3W	
5-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
5-	74902GT	SEAL KIT, VALVE	
6	52885GT	VALVE,SOLENOID,3POS 4WAY SE, Steer	1
6-	52943GT	NUT, SOLENOID VALVE COIL	
6-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
6-	72047GT	SEAL KIT, SOLENOID VALVE for 52885GT	
7	1287986GT	SWITCH,PRESS,#6SAE,600 PSI SF, Pressure Switch	1
8	37075GT	PLUG,ORIFICE,0.040 SG, Orfice	1
9	45543GT	VALVE,CHECK, 50 PSI SH, Check Valve	1

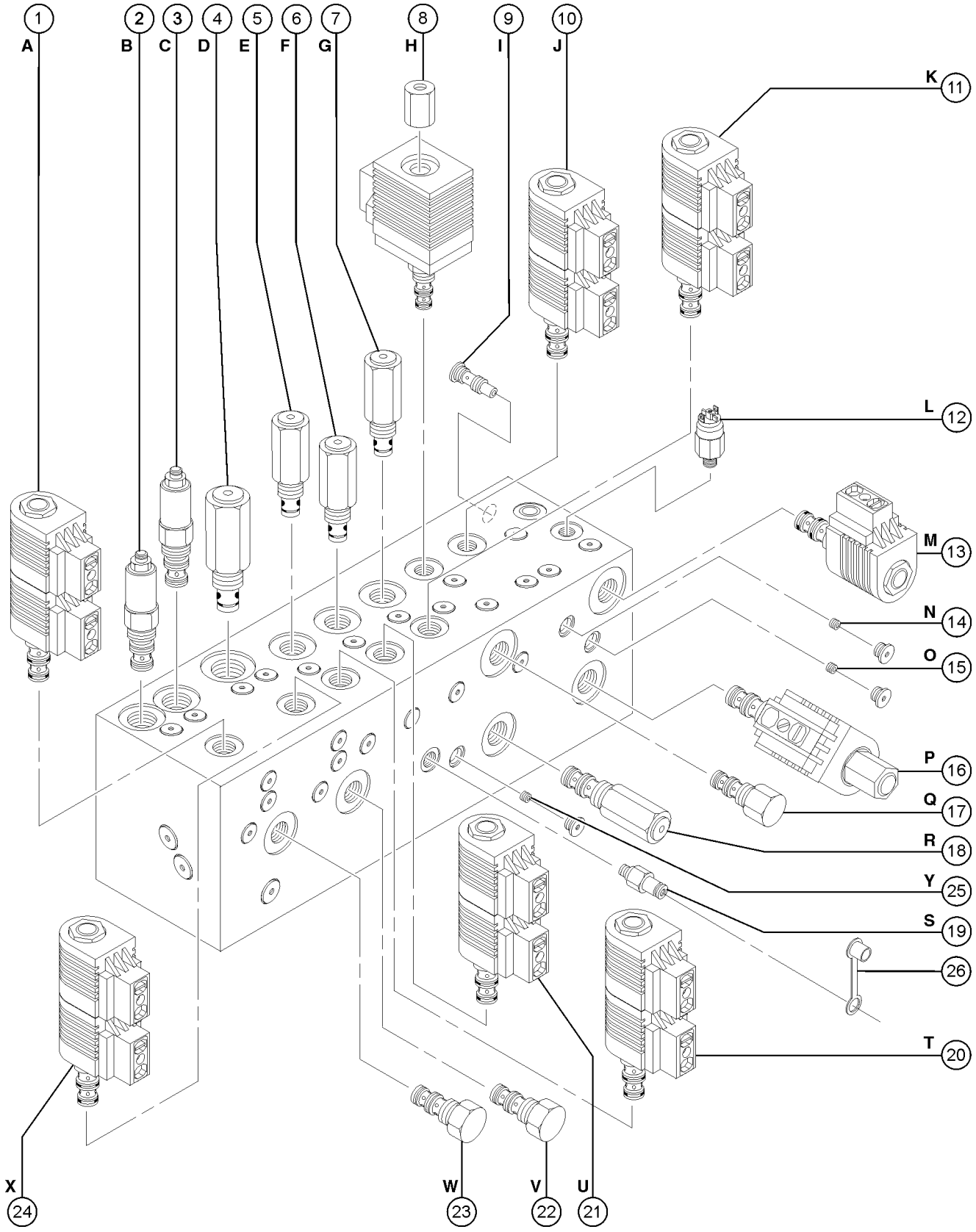
702.1 Function Manifold (to SN 3446)



702.1 Function Manifold (to SN 3446)

Item	Part No.	Description	Qty.
	36659GT	MANIFOLD,FUNCTION*** Complete	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
1	40410GT	VALVE,PROPORTIONAL** includes items 2 and 3	1
2	52718GT	NUT-VALVE,PROP. SOLENOID-50683	1
3	29032GT	COIL,24V SOLENOID VALVE	1
4	48880GT	CAP,DIAGNOSTIC NIPPLE	1
5	48997GT	NIPPLE,DIAGNOSTIC,#4	1
5-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
6	27532GT	VALVE,DIFFERENTIAL SENSING	1
7	37080GT	VALVE,RELIEF, 2800 PSI	1
8	44954GT	VALVE,SOLENOID,20V W/ DIODE ** includes items 9 and 10	10
9	52943GT	NUT, SOLENOID VALVE COIL	10
10	40413GT	COIL,SOLND,W/D,20V SGL SPADE	10
11	29737GT	PLUG,ORIFICE,0.052 INCH	1
12	37079GT	VALVE,COUNTERBALANCE 3000 PSI	2
13	74378GT	VALVE,COUNTERBALANCE (36659)	2
14	31528GT	VALVE,RELIEF 1600 PSI	1
15	40412GT	VALVE,RELIEF 1400PSI	1
16	31527GT	VALVE,RELIEF 1800 PSI	1

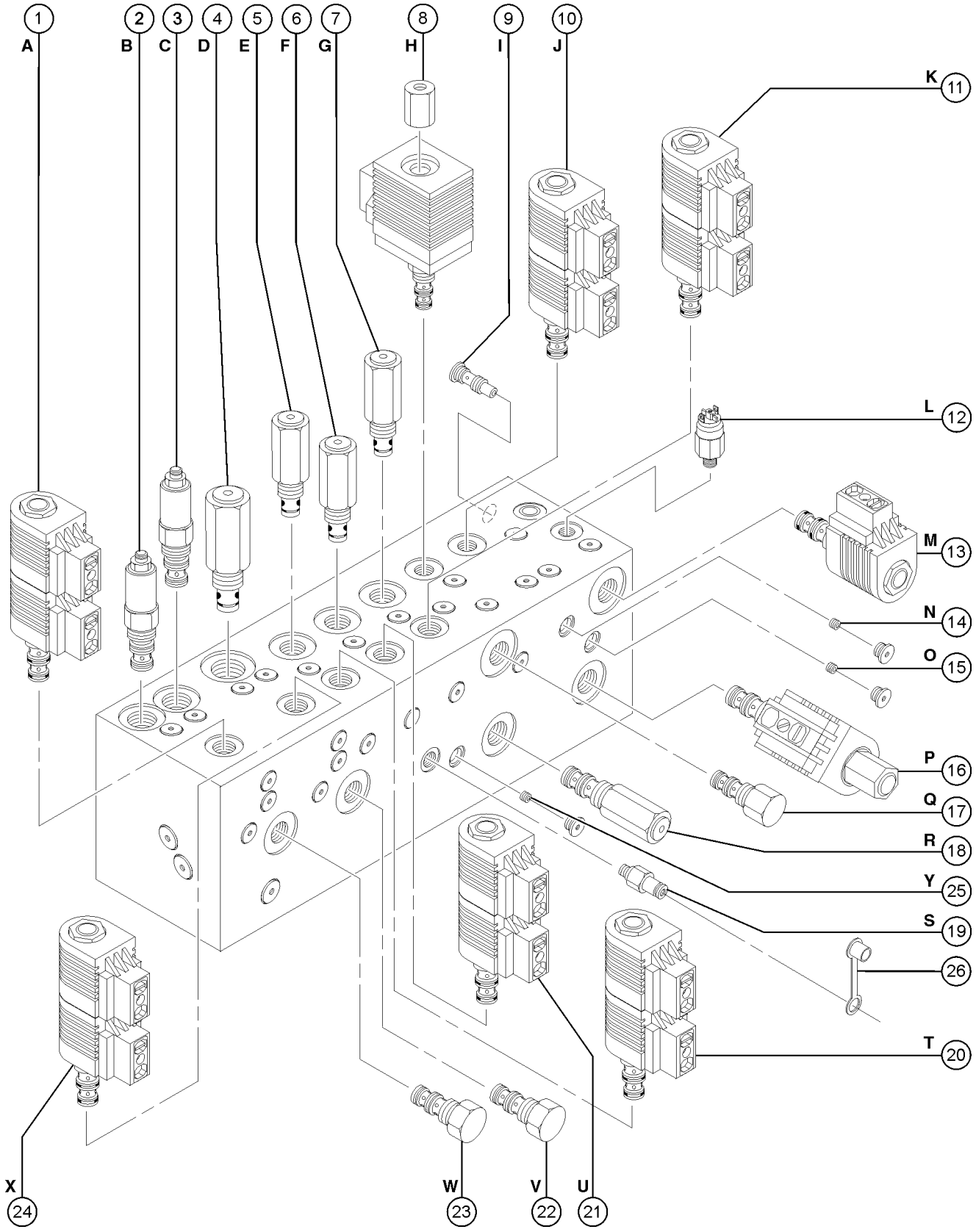
703.1 Function Manifold (from SN 3447)



703.1 Function Manifold (from SN 3447)

Item	Part No.	Description	Qty.
-	56309GT	MANIFOLD,FUNCT MULTI Z-34BE from SN 3447 to 5396	1
-	74512GT	MAN,FUNC,SM BOOM DC MACHINES (from SN 5397 to 15132 Z30NRJ) (from 5397 to 5667 Z30N DC/BE)	1
-	74966GT	MANIFOLD,FUNC.Z30N,Z34DC,BE,N* from SN 5668 to 10807	1
-	128444GT	MANIFOLD,FUNC,Z30N/Z34DC/BE from SN 10808 to 15132	1
-	128443GT	MANIFOLD,FUNC,Z30NRJ from SN 10808 to 15132	1
-	49612GT	O-RING KIT (ORFS FITTINGS)	
-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
-	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
1	52599GT	VALVE,SOLENOID,3POS/4WAY* A, platform level up/down	1
1-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
1-	52943GT	NUT, SOLENOID VALVE COIL	
1-	72047GT	SEAL KIT, SOLENOID VALVE	
2	52604GT	VALVE,COUNTERBALANCE, 3000PSI B, platform level down	1
2-	58994GT	SEAL KIT,VALVE (48647)	
3	52604GT	VALVE,COUNTERBALANCE, 3000PSI C, platform level up	1
3-	58994GT	SEAL KIT,VALVE (48647)	
4	52603GT	VALVE,RELIEF,1100PSI*** D, turntable rotate left/right	1
4-	110199GT	SEAL KIT, VALVE, #10	
5	52601GT	VALVE,RELIEF,1600 PSI E, secondary boom down	1
5-	74902GT	SEAL KIT, VALVE	
6	52601GT	VALVE,RELIEF,1600 PSI F, primary boom down	1
6-	74902GT	SEAL KIT, VALVE	
7	31527GT	VALVE,RELIEF 1800 PSI G, primary boom extend (for manifold 128443 only)	1
7-	74902GT	SEAL KIT, VALVE	
8	40410GT	VALVE,PROPORTIONAL** H, system flow regulating unit	1
8-	29032GT	COIL,24V SOLENOID VALVE	
8-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	

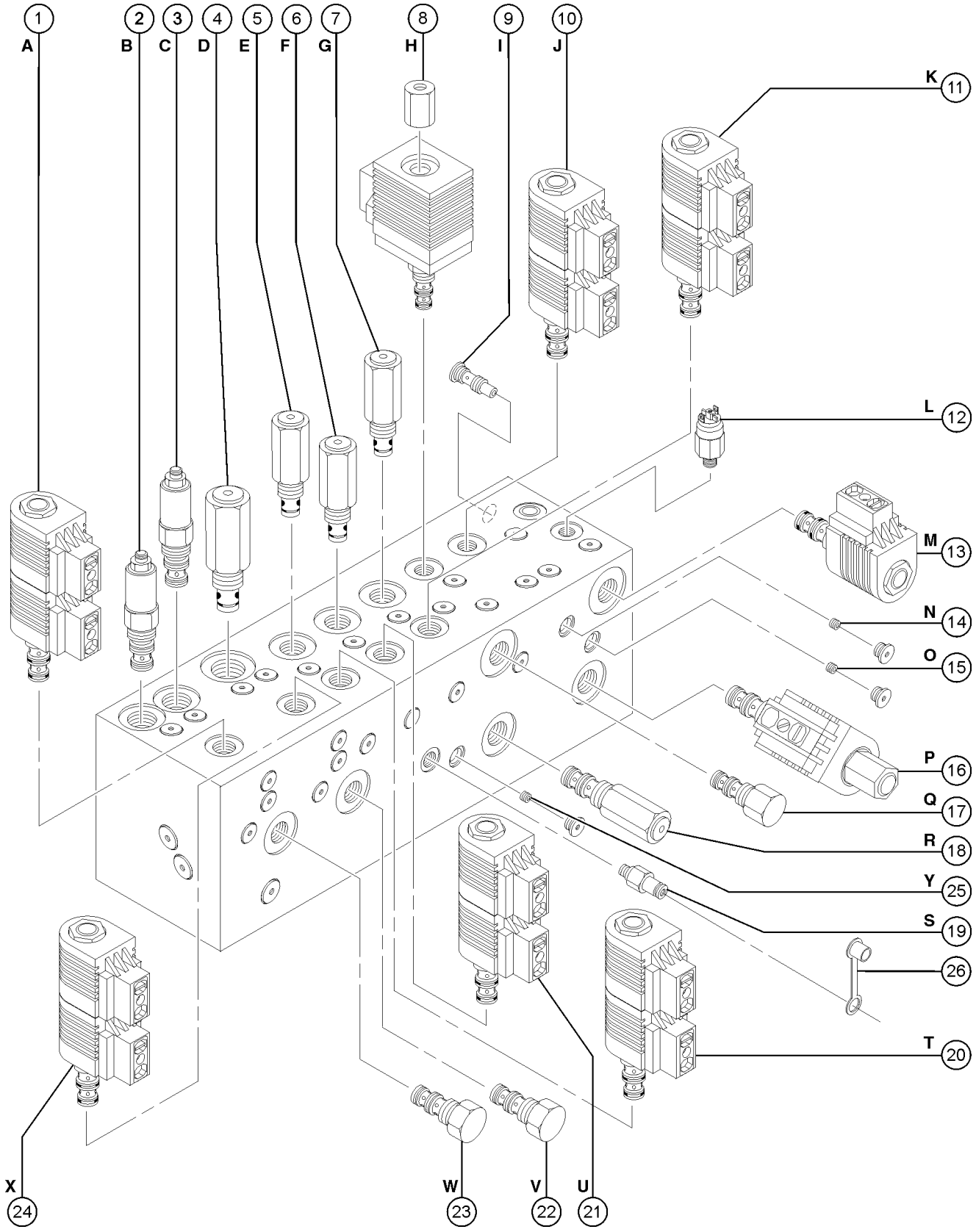
703.1 Function Manifold (from SN 3447)



703.1 Function Manifold (from SN 3447)

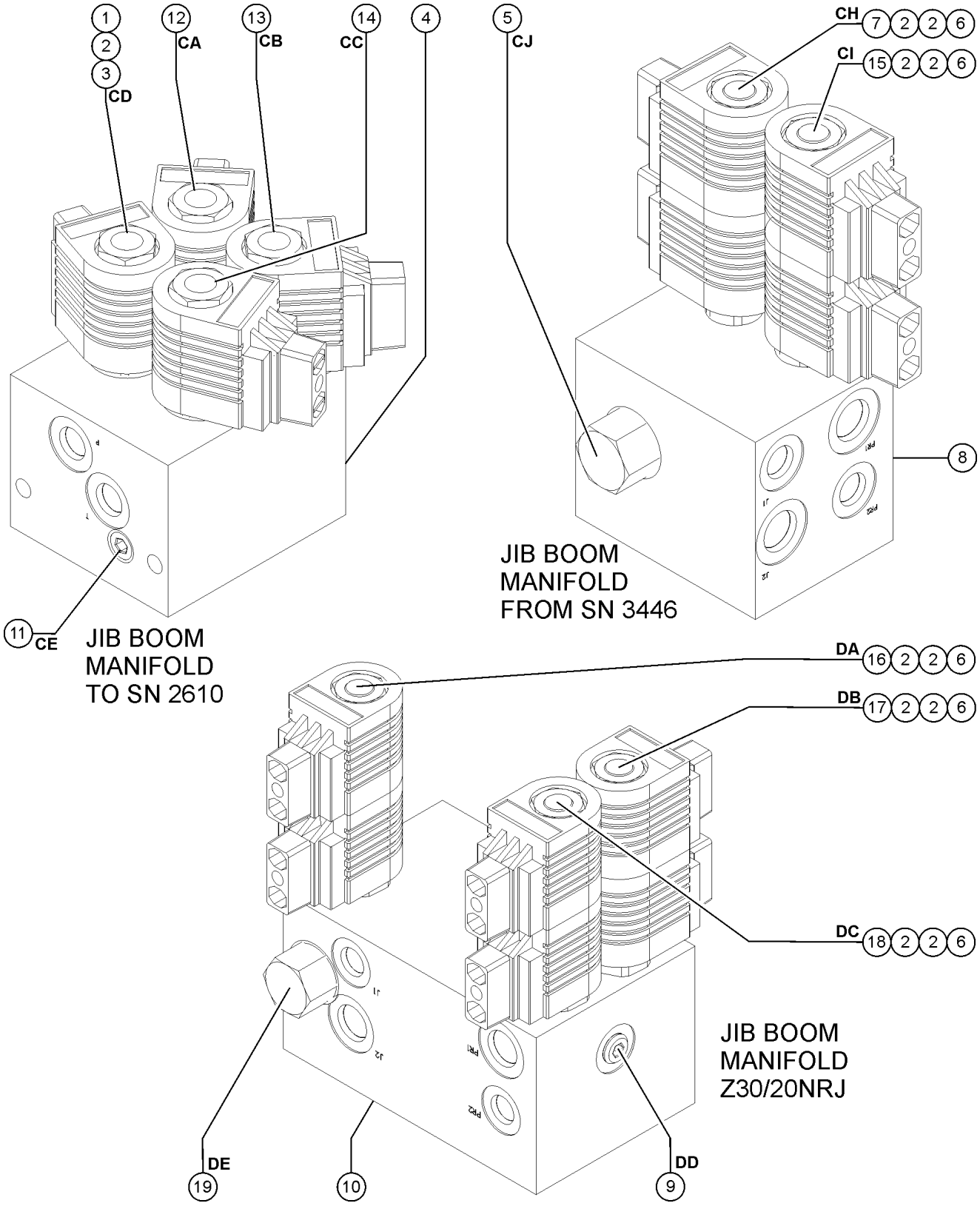
Item	Part No.	Description	Qty.
8-	89310GT	SEAL KIT, SOLENOID VALVE	
9	43599GT	VALVE,CHECK I, brake circuit	1
9-	110200GT	SEAL KIT, VALVE, #4	
10	52885GT	VALVE,SOLENOID,3POS 4WAY J, steer left/right	1
10-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
10-	52943GT	NUT, SOLENOID VALVE COIL	
10-	72047GT	SEAL KIT, SOLENOID VALVE for 52885	
11	52599GT	VALVE,SOLENOID,3POS/4WAY* K, primary boom extend/retract	1
11-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
11-	52943GT	NUT, SOLENOID VALVE COIL	
11-	72047GT	SEAL KIT, SOLENOID VALVE	
12	1287986GT	SWITCH,PRESS,#6SAE,600 PSI L, brake circuit	1
13	45544GT	VALVE SOLENOID M, brake circuit	1
13-	52339GT	COIL,SOLND,W/D,20V DUAL SPADE (dual-spade coil)	
13-	40413GT	COIL,SOLND,W/D,20V SGL SPADE (single-spade coil)	
13-	52943GT	NUT, SOLENOID VALVE COIL	
13-	74902GT	SEAL KIT, VALVE for 45544	
14	19789GT	PLUG,ORIFICE-.045 N, steer circuit	1
15	19789GT	PLUG,ORIFICE-.045 O, brake circuit	1
16	44956GT	VALVE,SOLENOID 20V W/DIODE P, brake circuit	1
16-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
16-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
16-	74902GT	SEAL KIT, VALVE	
17	74425GT	VALVE,DIFF.SENSE*** Q, differential sensing circuit	1
17-	110197GT	SEAL KIT, VALVE, #10	
18	52715GT	VALVE,RELIEF 3200 PSI R, system relief	1
18-	74902GT	SEAL KIT, VALVE	
19	48997GT	NIPPLE,DIAGNOSTIC,#4 S, testing	1

703.1 Function Manifold (from SN 3447)

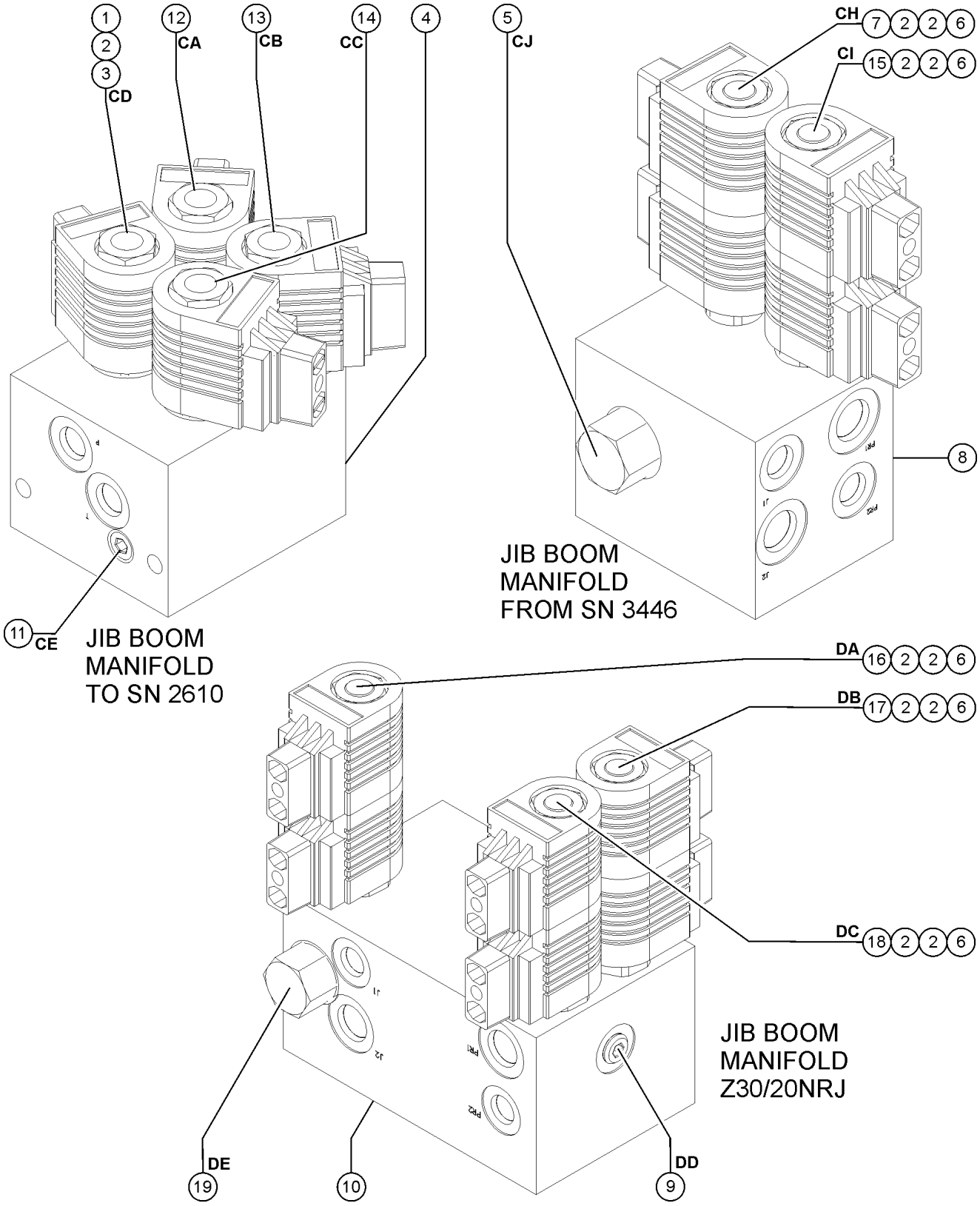


703.1 Function Manifold (from SN 3447)

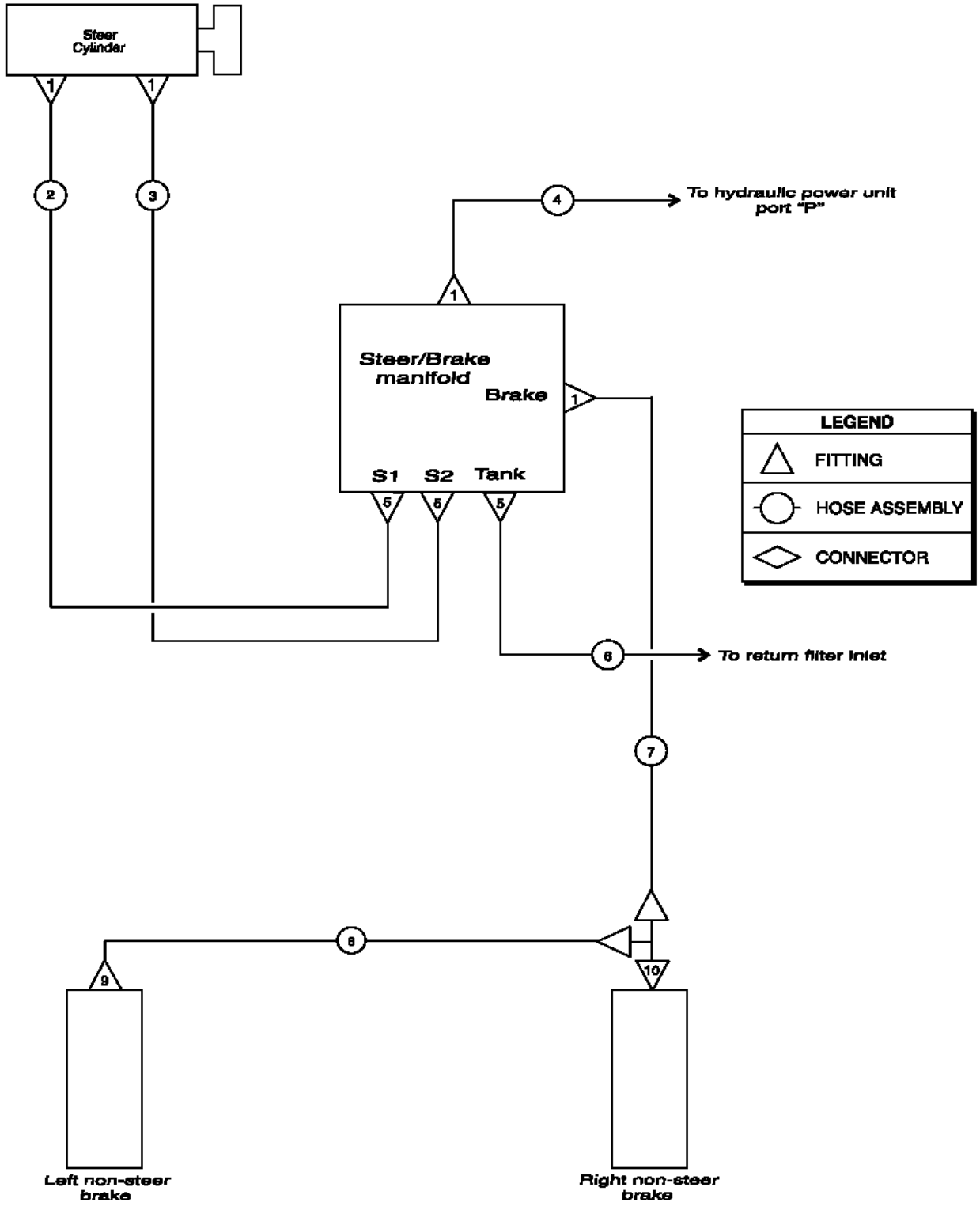
Item	Part No.	Description	Qty.
19-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
20	52599GT	VALVE,SOLENOID,3POS/4WAY* T, secondary boom up/down	1
20-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
20-	52943GT	NUT, SOLENOID VALVE COIL	
20-	72047GT	SEAL KIT, SOLENOID VALVE	
21	52599GT	VALVE,SOLENOID,3POS/4WAY* U, primary boom up/down	1
21-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
21-	52943GT	NUT, SOLENOID VALVE COIL	
21-	72047GT	SEAL KIT, SOLENOID VALVE	
26	48880GT	CAP,DIAGNOSTIC NIPPLE	1
22	19470GT	VALVE,FLOW REGULATOR V, turntable rotate circuit	1
22-	74902GT	SEAL KIT, VALVE	
23	52598GT	VALVE,FLOW REGULATOR .8 GPM W, jib boom/platform rotate circuit	1
23-	74902GT	SEAL KIT, VALVE	
24	52885GT	VALVE,SOLENOID,3POS 4WAY X, turntable rotate left/right	1
24-	40413GT	COIL,SOLND,W/D,20V SGL SPADE	
24-	52943GT	NUT, SOLENOID VALVE COIL	
24-	72047GT	SEAL KIT, SOLENOID VALVE	
25	94019GT	ORIFICE, 0.035" (74512,74966) Y, jib boom/platform rotate circuit	1


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CD
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CA
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CB
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CC
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11
CE
JIB BOOM
MANIFOLD
TO SN 2610
5
CJ
CH
7 2 2 6
CI
15 2 2 6
8
JIB BOOM
MANIFOLD
FROM SN 3446
DA
16 2 2 6
DB
17 2 2 6
DC
18 2 2 6
JIB BOOM
MANIFOLD
Z30/20NRJ
DE
19
10
DD
9

Item	Part No.	Description	Qty.
1	44954GT	VALVE,SOLENOID,20V W/ DIODE ** CD, JIb Boom Up, includes items 2 and 3; to SN 3720	1
2A	40413GT	COIL,SOLND,W/D,20V SGL SPADE (spade connector) to SN 12101	14
2B	139561GT	COIL, SOLENOID VALVE, 24V*** (Deutsch connector) from 12102	
3	52943GT	NUT, SOLENOID VALVE COIL	9
4	42422GT	MANIFOLD,JIB/ROTATE,24V includes items 1-3 and 11; to SN 2609	1
4-	65523GT	ORIFICE, 0.028" (56179)	
4-	56177GT	JIB MAN W/#4&#6 PORTS 20V includes items 1-3 and 11; from SN 2610 to SN 3446	1
4-	65523GT	ORIFICE, 0.028" (56179)	
5A	31099GT	VALVE, FLOW REGULATOR CJ, Platform Rotating Circuit	1
5B	139563GT	VALVE, FLOW CTRL, PRES COMP***	
6A	52599GT	VALVE,SOLENOID,3POS/4WAY* includes items 2 and 7; to SN 12101	10
6B	139560GT	SOLENOID VALVE W/NUT*** includes item 7; from SN 12102	
7	52943GT	NUT, SOLENOID VALVE COIL CH, JIb Boom Circuit	1
8A	74124GT	MANIFOLD,JIB Z30N,Z34N,BE,DC includes items 2 and 5-7; from SN 3447 to SN 12101	1
8A-	48905GT	CONNECTOR, 520120-4	
8A-	48915GT	ELBOW,90D,520220-6	
8B	139462GT	MANIFOLD,JIB, 24V NON RJ*** (from SN 12102)	1
8B-	139560GT	SOLENOID VALVE W/NUT***	
8B-	139561GT	COIL, SOLENOID VALVE, 24V***	
8B-	139563GT	VALVE, FLOW CTRL, PRES COMP***	
8B-	139564GT	SEAL KIT, JIB MANIFOLD, NON RJ	
8B-	229074GT	CLAMP,WIRE HARNESS	
8B-	8915GT	SCREW, HHC, 1/4-20 X 1.25	
9	74404GT	ORIFICE PLUG,M6X1,0.025	1
10A	74053GT	MANIFOLD,JIB Z30NRJ includes items 2, 5-7 and 9; to SN 12101	1
10B	139463GT	MANIFOLD,JIB, 24V RJ*** from SN 12102	1
10B-	139560GT	SOLENOID VALVE W/NUT***	
10B-	139561GT	COIL, SOLENOID VALVE, 24V***	

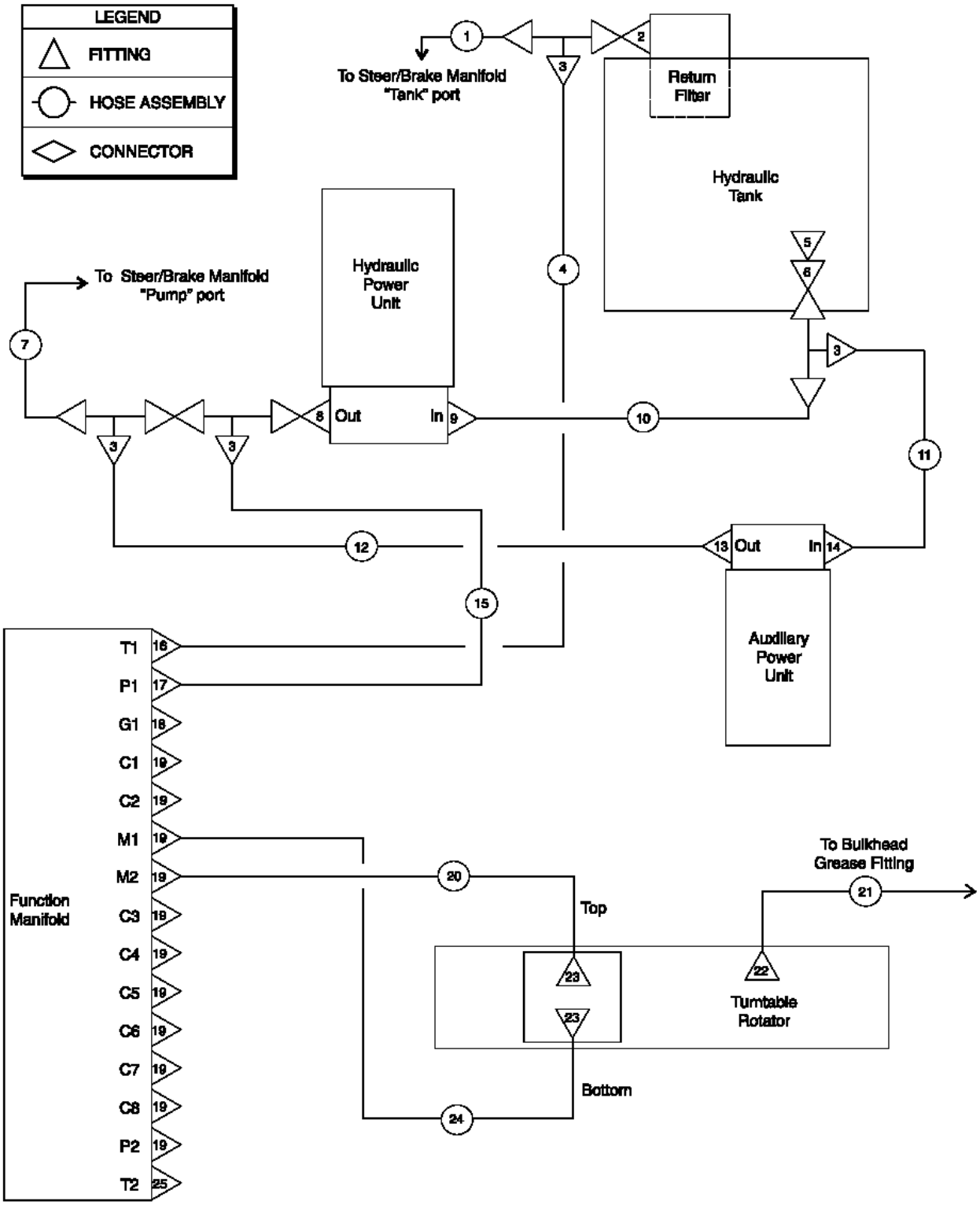

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JIB BOOM
MANIFOLD
TO SN 2610
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CJ
CH
7 2 2 6
CI
15 2 2 6
8
JIB BOOM
MANIFOLD
FROM SN 3446
DA
16 2 2 6
DB
17 2 2 6
DC
18 2 2 6
JIB BOOM
MANIFOLD
Z30/20NRJ
DE
19
10
DD
9

Item	Part No.	Description	Qty.
10B-	139563GT	VALVE, FLOW CTRL, PRES COMP***	
10B-	139565GT	SEAL KIT, JIB MANIFOLD, RJ***	
10B-	229074GT	CLAMP,WIRE HARNESS	1
10B-	8915GT	SCREW, HHC, 1/4-20 X 1.25	1
11	32669GT	ORIFICE PLUG,.025 (30551) CE, Platform Rotate Circuit	1
12	44954GT	VALVE,SOLENOID,20V W/ DIODE ** CA, Jlb Boom Down, includes items 2 and 3; to SN 3720	1
13	44954GT	VALVE,SOLENOID,20V W/ DIODE ** CB, Platform Rotate Left, includes items 2 and 3; to SN 3720	1
14	44954GT	VALVE,SOLENOID,20V W/ DIODE ** CC, Platform Rotate Right, includes items 2 and 3; to SN 3720	1
15	52943GT	NUT, SOLENOID VALVE COIL CI, Platform Rotate Circuit	1
16	52943GT	NUT, SOLENOID VALVE COIL DA, Jlb Rotator	1
17	52943GT	NUT, SOLENOID VALVE COIL DB, Jlb Boom Circuit	1
18	52943GT	NUT, SOLENOID VALVE COIL DC, Platform Rotate Circuit	1
19A	31099GT	VALVE, FLOW REGULATOR DE, Platfrom Rotating Circuit; to SN 12101	1
19B	139563GT	VALVE, FLOW CTRL, PRES COMP*** DE, Platfrom Rotating Circuit; from SN 12102	1


Steer Cylinder
1
1
2
3
4
To hydraulic power unit port "P"
1
Steer/Brake manifold
Brake
1
S1
S2
Tank
5
5
5
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
6
To return filter inlet
7
8
9
10
Left non-steer brake
Right non-steer brake

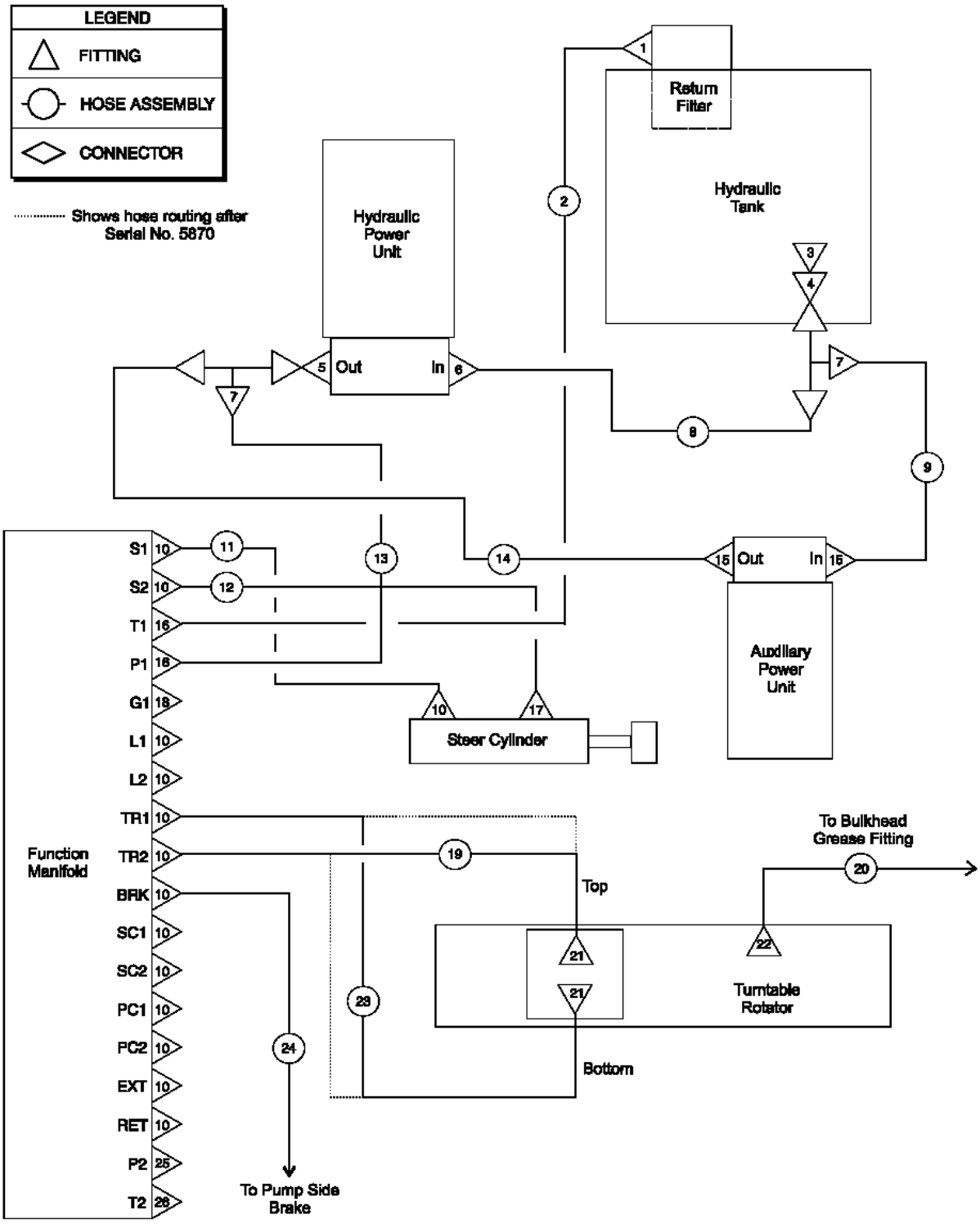
Item	Part No.	Description	Qty.
1	48911GT	ELBOW,90D,520220-4-6***	2
2	42800GT	HOSE ASSY,PORT'S1'-END OF CYL* (to SN 3446)	1
2B	56895GT	HOSE ASSY,PORT'S1'-END OF CYL* (from SN 3447 to SN 5119)	
2C	49119-6500GT	HOSE ASSY, 1/4", 65.00 (from SN 5120)	
3	42801GT	HOSE ASSY,PORT'S2'-ROD END* (to SN 3446)	1
3B	49119-6925GT	ASSY, HOSE, HYD, -4, 3250, STR, STR (from SN 3447)	1
4	42806GT	HOSE ASSY-PUMP-HYD PWR UNIT 'P (to SN 3446)	1
4B	81812-6650GT	ASSY, HOSE, HYD, -8, 4250, STR, STR (from SN 3447)	
5	48912GT	CONN,520120-4-6***	3
6	42807GT	HOSE ASSY-TANK-RET FILTR INLE* (to SN 3221) (also order 48915)	
6	48915GT	ELBOW,90D,520220-6 (to SN 3221)	
6B	42807GT	HOSE ASSY-TANK-RET FILTR INLE* (from SN 3222 to SN 3446)	1
6C	1290347-4400GT	HOSE ASSY,3/8",44.00 (from SN 3447)	
7	42804GT	HOSE ASSY,STR/BRK MAN-RR BRK* (to SN 3446)	1
7B	49117-7750GT	HOSE ASSY,1/4".77.50 (from SN 3447)	1
8	49119-2000GT	HOSE ASSY,1/4",20.00	1
9	48904GT	ELBOW, 90D, 520220-4	1
10	48906GT	TEE,RUN,520428-4	1

802.1 Turntable Components (to SN 3446)



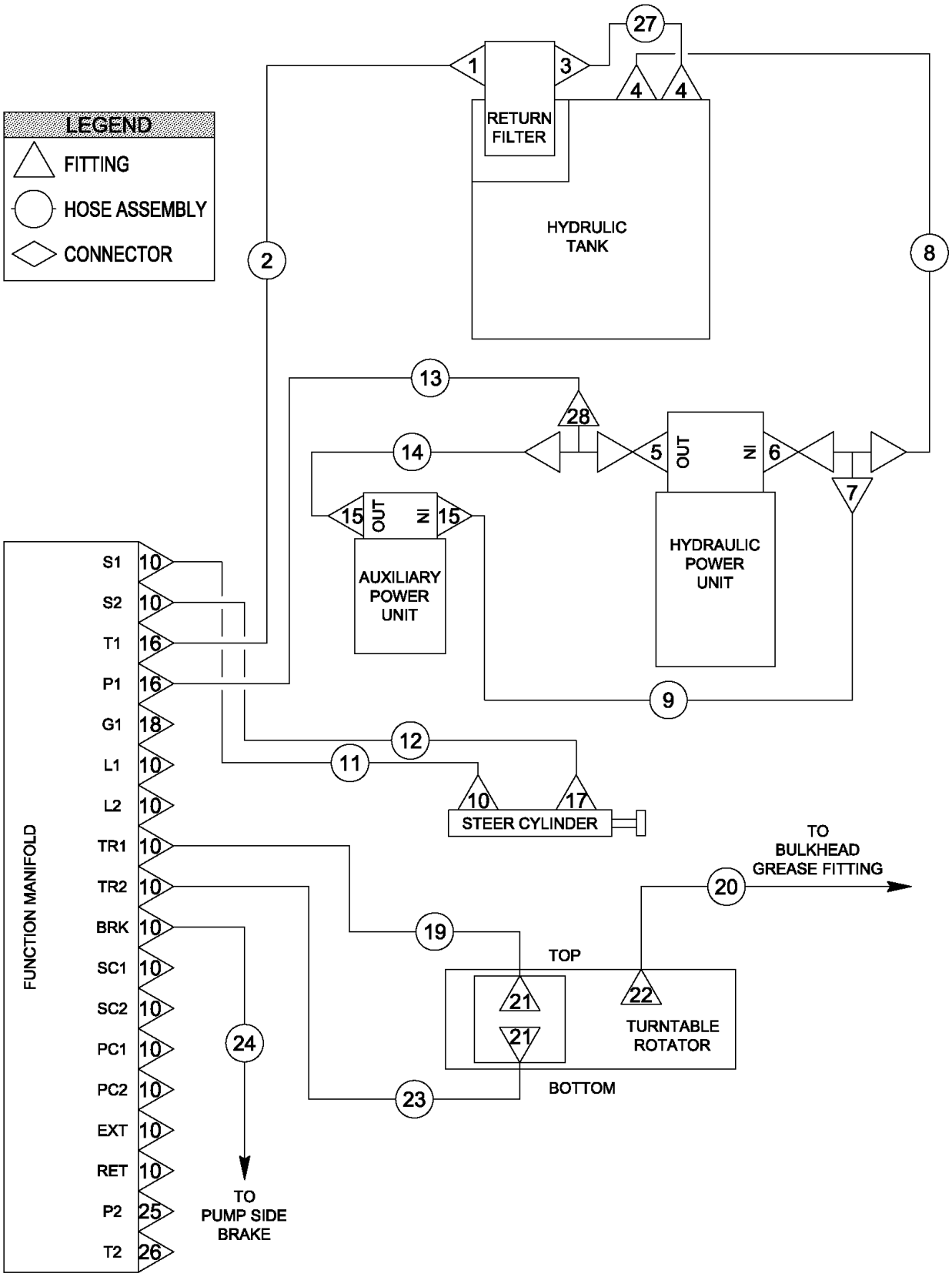
Item	Part No.	Description	Qty.
1	42807GT	HOSE ASSY-TANK-RET FILTR INLE*	1
1-	48915GT	ELBOW,90D,520220-6	
2	48947GT	ELBOW,90D,520220-8-12	2
3	48938GT	FITTING,TEE,RUN,SWIVEL520432-8	4
4	42816GT	HOSE ASSY-RET FIL-'T1'	1
5	42920GT	VALVE,BALL,90DEG.-8NPTF/-8NPTM	1
6	48944GT	CONN,520102-8-8	1
7	42806GT	HOSE ASSY-PUMP-HYD PWR UNIT 'P	1
8	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	1
9	48946GT	CONN,520120-8-10	1
10	42928GT	HOSE ASSY, 1/2", 28.00	1
11	42822GT	HOSE ASSY, 3/8", 19.00	1
12	42821GT	HOSE ASSEMBLY,26"	1
13	48915GT	ELBOW,90D,520220-6	1
14	56003GT	ELBOW,90D,LONG,521520-6	1
15	42815GT	HOSE ASSY-'P1'-HYD POWER UN	1
16	48930GT	FITTING,CONN,520120-6-8***	1
17	48916GT	CONN, 520120-6	1
18	48997GT	NIPPLE,DIAGNOSTIC,#4	1
19	48912GT	CONN,520120-4-6***	11
20	42811GT	HOSE ASSY-'M2'TO ROT FLUID M	1
21	49189-2325GT	HOSE ASSY,1/4",23.25	1
22	31194GT	ELBOW,070302-4-2	1
23	48931GT	CONN,520120-6-10	2
24	49118-2750GT	HOSE ASSY,1/4",27.50	1
25	48900GT	CONN,520120-4-6,.035,ORI	1

803.1 Turntable Components (from SN 3447)



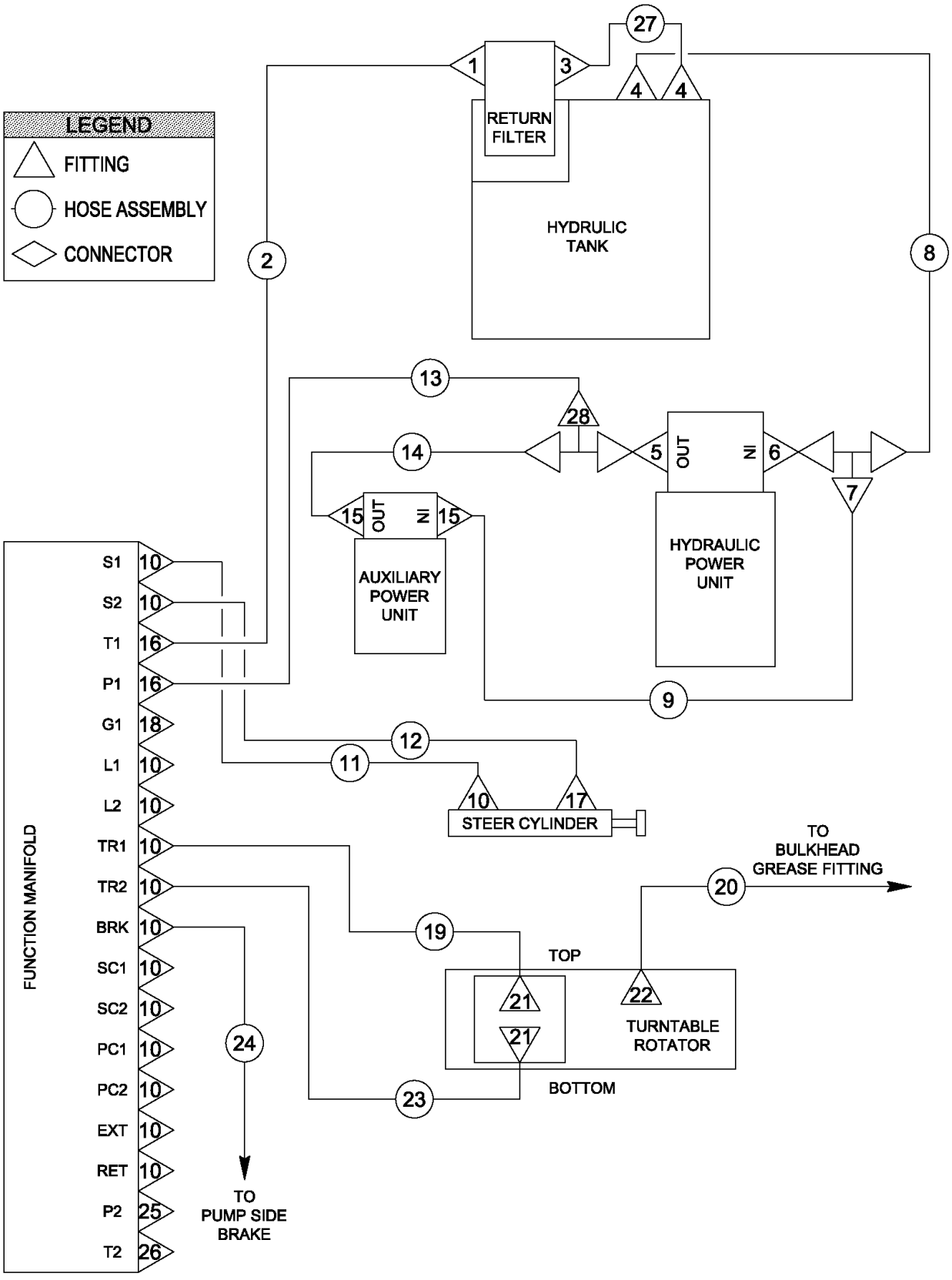
Item	Part No.	Description	Qty.
1	48947GT	ELBOW,90D,520220-8-12	1
2	81812-6650GT	ASSY, HOSE, HYD, -8, 4250, STR, STR	1
3	42920GT	VALVE,BALL,90DEG.-8NPTF/-8NPTM	1
4	48944GT	CONN,520102-8-8	1
5	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	1
6	48946GT	CONN,520120-8-10	1
7	48938GT	FITTING,TEE,RUN,SWIVEL520432-8	2
8	42928GT	HOSE ASSY, 1/2", 28.00	1
9	42822GT	HOSE ASSY, 3/8", 19.00	1
10	48912GT	CONN,520120-4-6***	13
11	49119-6500GT	HOSE ASSY, 1/4", 65.00	1
12	49119-6925GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1
13	101929-4600GT	HOSE ASSY,3/8",46.00	1
14	1290346-2050GT	HOSE ASSY, 3/8", 20.50	1
15	48915GT	ELBOW,90D,520220-6	2
16	48916GT	CONN, 520120-6	2
17	48937GT	ELBOW,45D,520320-8	1
18	48911GT	ELBOW,90D,520220-4-6***	1
19	1291264-1500GT	HOSE ASSY, 1/4", 15.00	1
20	49189-2325GT	HOSE ASSY,1/4",23.25	1
21	48931GT	CONN,520120-6-10	2
22	31194GT	ELBOW,070302-4-2	1
23	1291264-1700GT	HOSE ASSY, 1/4", 17.00	1
24	49117-7750GT	HOSE ASSY,1/4".77.50	1
24-	49119-2000GT	HOSE ASSY,1/4",20.00	
25	48905GT	CONNECTOR, 520120-4	1
26	48900GT	CONN,520120-4-6,.035,ORI	1

803.2 Turntable Components (from SN 12040)



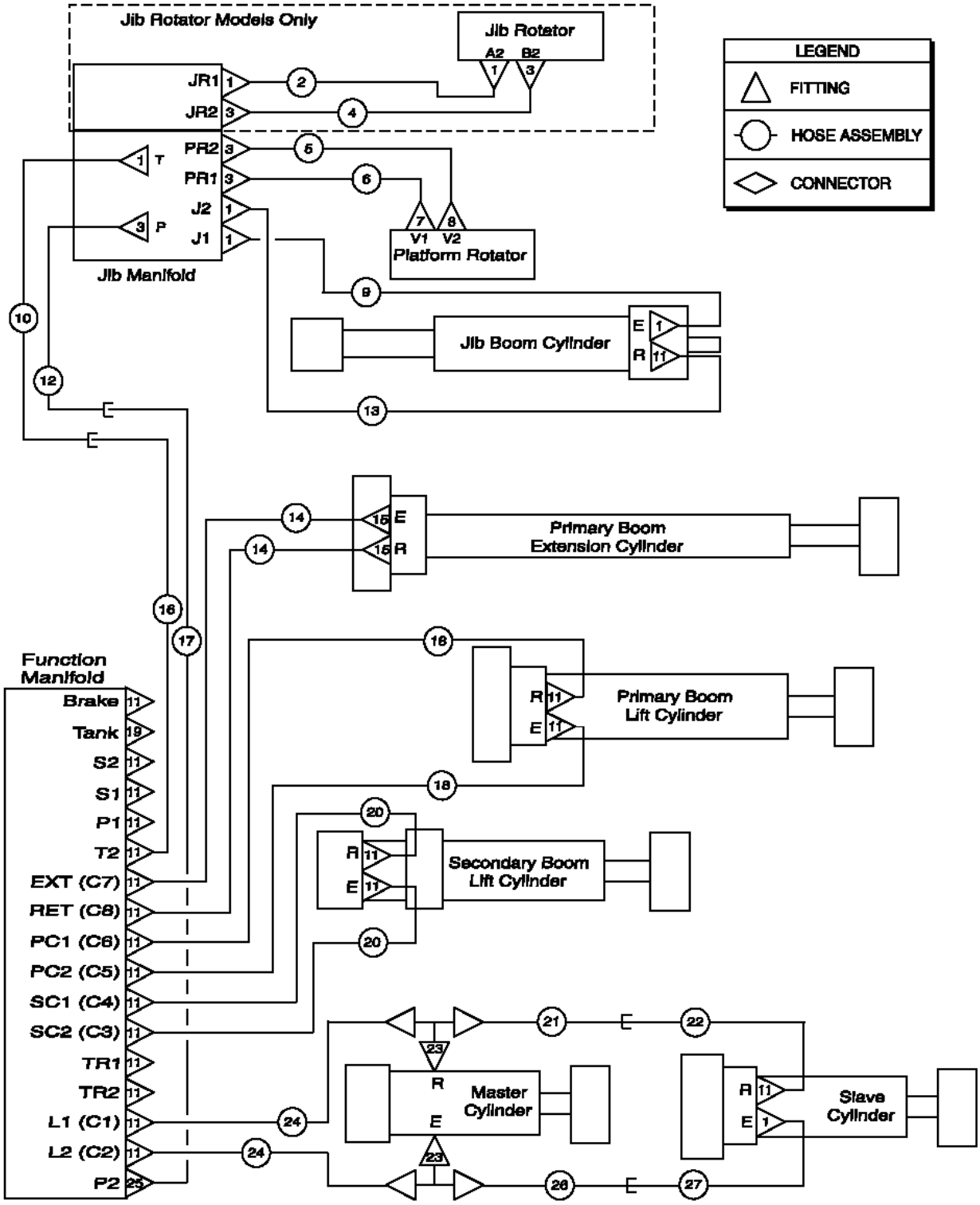
Item	Part No.	Description	Qty.
1	48932GT	FITTING,ELBOW,90D,520220-8***	1
2	81812-6650GT	ASSY, HOSE, HYD, -8, 4250, STR, STR	1
3	48937GT	ELBOW,45D,520320-8	1
4	128811GT	ELBOW,90D,520201-8	2
5	74136GT	VALVE,CHK,#8PORT-#6MALEORFS***	1
6	139877GT	ELBOW,90D,520220-8-10	1
7	48938GT	FITTING,TEE,RUN,SWIVEL520432-8	1
8	1290352-2150GT	HOSE ASSY, 1/2", 21.50"	1
9	1290345-2025GT	HOSE ASSY,3/8",20.25"	1
10	48912GT	CONN,520120-4-6***	13
11	49119-6500GT	HOSE ASSY, 1/4", 65.00	1
12	49119-6925GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1
13	101929-4600GT	HOSE ASSY,3/8",46.00	1
14	1290346-2050GT	HOSE ASSY, 3/8", 20.50	1
15	48915GT	ELBOW,90D,520220-6	2
16	48916GT	CONN, 520120-6	2
17	48937GT	ELBOW,45D,520320-8	1
18	48911GT	ELBOW,90D,520220-4-6***	1
19	1291264-1500GT	HOSE ASSY, 1/4", 15.00	1
20	49189-2325GT	HOSE ASSY,1/4",23.25	1
21	48931GT	CONN,520120-6-10	2
22	31194GT	ELBOW,070302-4-2	1
23	1291264-1700GT	HOSE ASSY, 1/4", 17.00	1
24	49117-7750GT	HOSE ASSY,1/4".77.50	1
24-	49119-2000GT	HOSE ASSY,1/4",20.00	
25	48905GT	CONNECTOR, 520120-4	1
26	48900GT	CONN,520120-4-6,.035,ORI	1
27	81812-1188GT	ASSY, HOSE, HYD, -8, 2500, STR, STR	1

803.2 Turntable Components (from SN 12040)



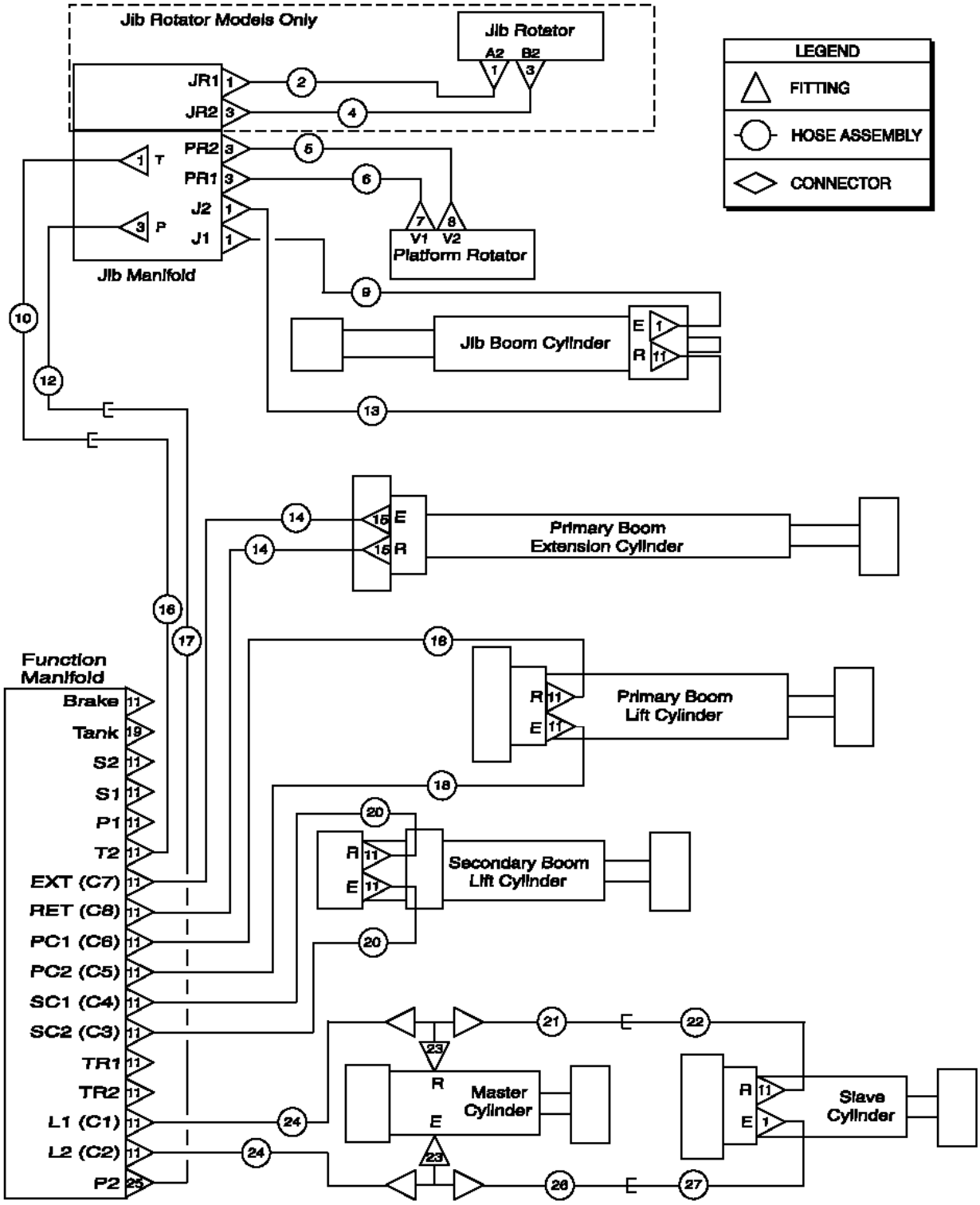
Item	Part No.	Description	Qty.
28	48875GT	TEE,RUN,SWIVEL,520432-6	1

804.1 Boom Components (to SN 11304)



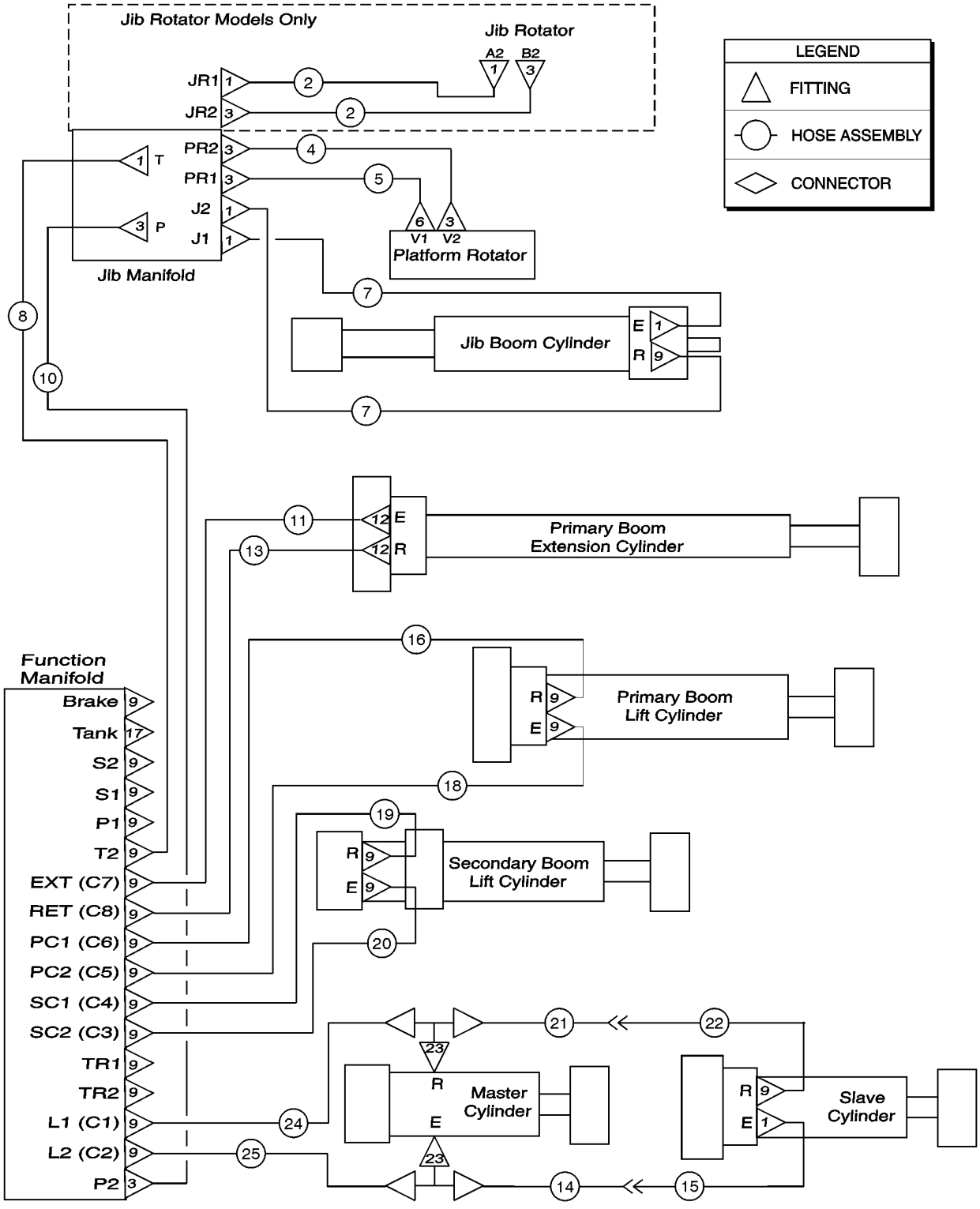
Item	Part No.	Description	Qty.
-		KIT, SWING HOSE CLAMP, FIELD refer to 402.1 or 505.1	
1	48916GT	CONN, 520120-6	7
2	49120-3100GT	HOSE ASSY, 1/4", 31.00	1
3	48905GT	CONNECTOR, 520120-4	5
4	74172GT	HOSE ASSY	1
5	74020GT	HOSE ASSY,PR2 TO PLAT ROT V2 to SN 4121	1
5B	74166GT	HOSE ASSY,JIB MAN TO PLAT ROT from SN 4122	
6	49114-4650GT	HOSE ASSY, 1/4", 46.50	1
7	48926GT	FITTING,ELBOW,90D,520220-6-4 to SN 4121	1
7B	48927GT	CONN,520120-6-4 from SN 4122	
8	48904GT	ELBOW, 90D, 520220-4 to SN 4121	1
8B	48905GT	CONNECTOR, 520120-4 from SN 4122	
9	56180-SGT	HOSE ASSY,JIB J1 TO CYL EXT to SN 5780	1
9B	49120-1900GT	HOSE ASSY, 1/4", 19.00 from SN 5781	1
10	56208GT	HOSE ASSY,JUNC TO JIB MAN T to SN 4115	1
10B	49120-43000GT	HOSE ASSY,1/4",430.00 from SN 4116	
11	48912GT	CONN,520120-4-6***	21
12	42824-SGT	HOSE ASSY-JUNCTION TO JIB MANI to SN 4115	1
12B	49119-43000GT	HOSE ASSY,1/4",430.00 from SN 4116	
13	42818-SGT	HOSE ASSY-'JI'TO JIB CYL CAP	1
13B	56180-SGT	HOSE ASSY,JIB J1 TO CYL EXT	
13C	49120-1900GT	HOSE ASSY, 1/4", 19.00	
14	49119-19200GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
15	48905GT	CONNECTOR, 520120-4	2
16	56245GT	HOSE ASSY,T2 TO JIB JUNCTION to SN 5944	1
16B	49120-43000GT	HOSE ASSY,1/4",430.00 from SN 5945	
17	42812-SGT	HOSE ASSY-P2 TO JIB JUNC. to SN 5944	1
17B	49120-43000GT	HOSE ASSY,1/4",430.00 from SN 5945	

804.1 Boom Components (to SN 11304)



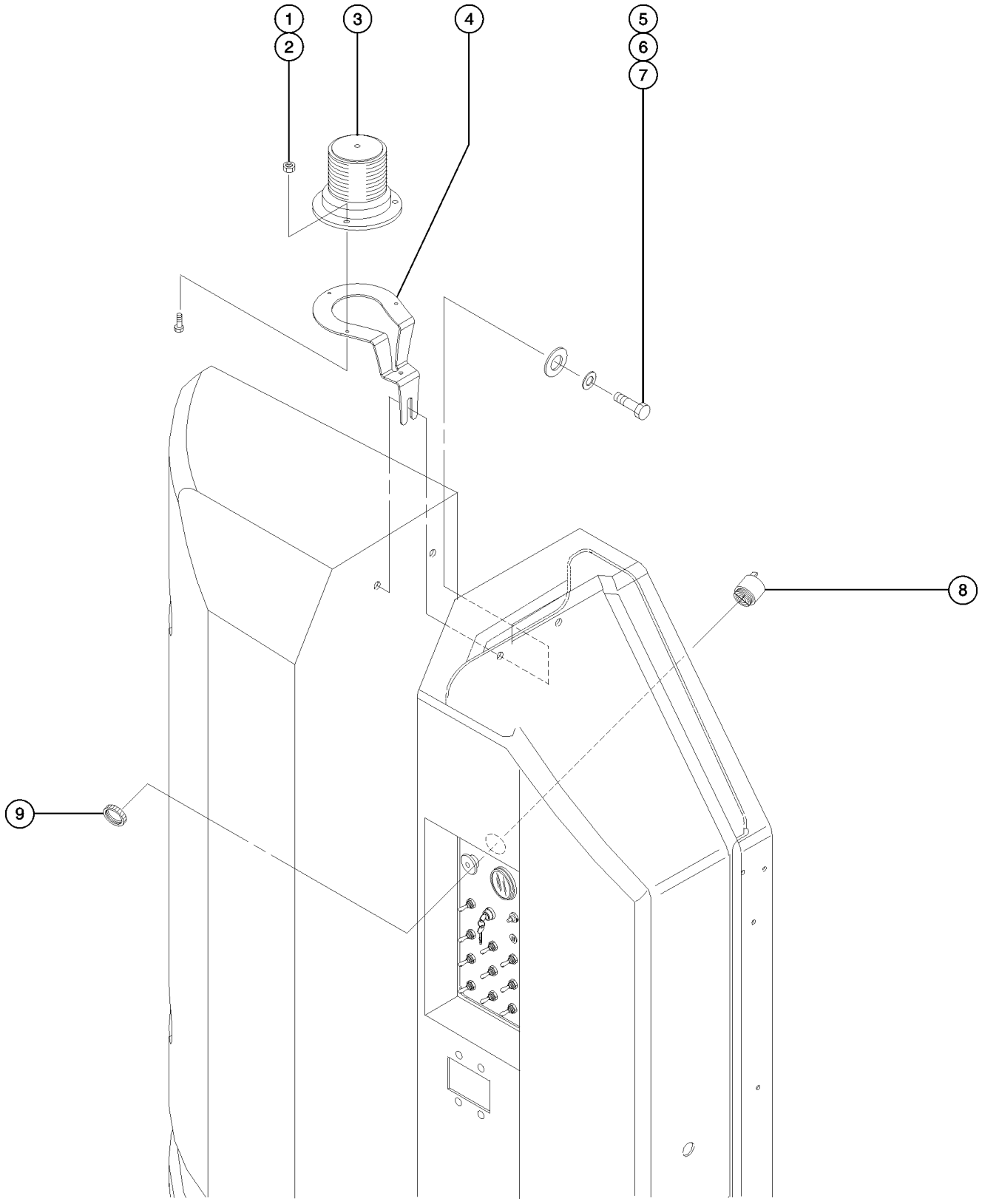
Item	Part No.	Description	Qty.
18	42808GT	HOSE ASSY-C5/C6 TO PRIM BM C to SN 5570	2
18B	49119-18100GT	ASSY, HOSE, HYD, -4, 3250, STR, STR from SN 5571	2
19	48937GT	ELBOW,45D,520320-8	1
20	49117-6550GT	HOSE ASSY,1/4",65.50	2
21	49119-22400GT	HOSE ASSY,1/4",224.00	1
22	49121-3150GT	HOSE ASSY, 1/4", 31.50	1
23	48890GT	FITTING,TEE,BRANCH,520429-4***	2
24	49119-16600GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1
25	48905GT	CONNECTOR, 520120-4	1
26	49121-22400GT	HOSE ASSY,1/4",224.00	1
27	49120-3100GT	HOSE ASSY, 1/4", 31.00	1

804.2 Boom Components (from SN 11305)



Item	Part No.	Description	Qty.
-	107935GT	KIT, SWING HOSE CLAMP, FIELD refer to 402.1 or 505.1	
1	48916GT	CONN, 520120-6	7
2	49120-3100GT	HOSE ASSY, 1/4", 31.00	2
3	48905GT	CONNECTOR, 520120-4	7
4	49117-4650GT	HOSE ASSY,1/4".46.50	1
5	49114-4650GT	HOSE ASSY, 1/4", 46.50	1
6	48927GT	CONN,520120-6-4	1
7	49120-1900GT	HOSE ASSY, 1/4", 19.00	2
8	49120-43000GT	HOSE ASSY,1/4",430.00	1
9	48912GT	CONN,520120-4-6***	21
10	49119-43000GT	HOSE ASSY,1/4",430.00	1
11	49119-19200GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
12	48905GT	CONNECTOR, 520120-4	2
13	49119-19200GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
14	49121-22400GT	HOSE ASSY,1/4",224.00	1
15	49120-3100GT	HOSE ASSY, 1/4", 31.00	1
16	49119-18100GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1
17	48937GT	ELBOW,45D,520320-8	1
18	49119-18100GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1
19	49117-6550GT	HOSE ASSY,1/4",65.50	1
20	49117-6550GT	HOSE ASSY,1/4",65.50	1
21	49119-22400GT	HOSE ASSY,1/4",224.00	1
22	49121-3150GT	HOSE ASSY, 1/4", 31.50	1
23	48890GT	FITTING,TEE,BRANCH,520429-4***	2
24	49119-16600GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1
25	49119-16600GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1

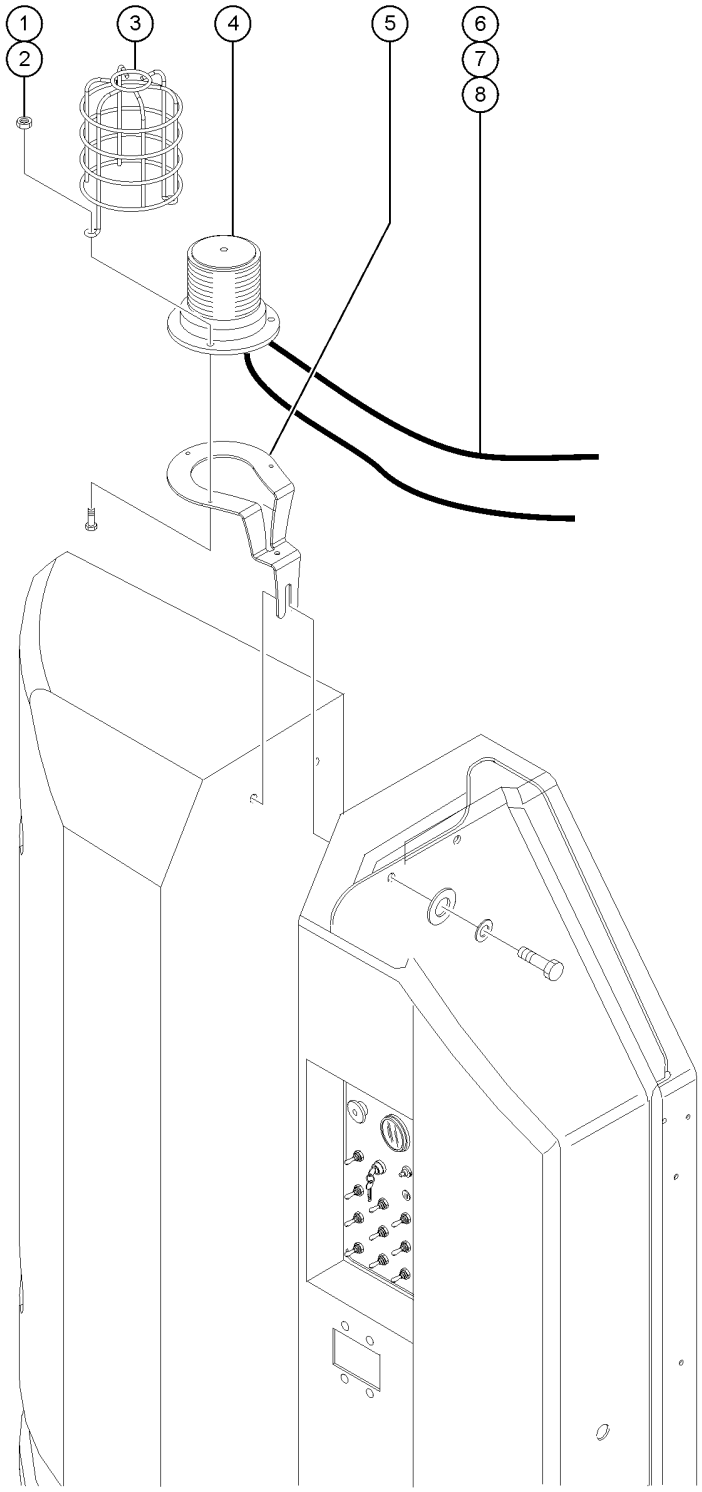
901.1 Flashing Beacon and Descent Alarm (to SN 10538)



901.1 Flashing Beacon and Descent Alarm (to SN 10538)

Item	*Part No.*	*Description*	*Qty.*
1	6178GT	NUT, NYLOCK, 10-32	
2	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	3
3	56704GT	STROBE,FIREBOLT,12-80VDC,AMB**	1
3-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
3-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
3-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
4	56289-SGT	BRACKET,BEACON LIGHT	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6021GT	WASHER, LOCK, .375	
7	15086GT	WASHER,FLAT,.375 X 1.5 X .125 use until exhausted, replaced by 824120	
7B	824120GT	WASHER, FLAT, .375 X 1.50 X .125, ZAG	
8	45462GT	ALARM,CHIME TONE 5-25VDC*** Does not include 72326GT nut	1
9	72326GT	NUT - PLASTIC, RING FOR ALARMS	1

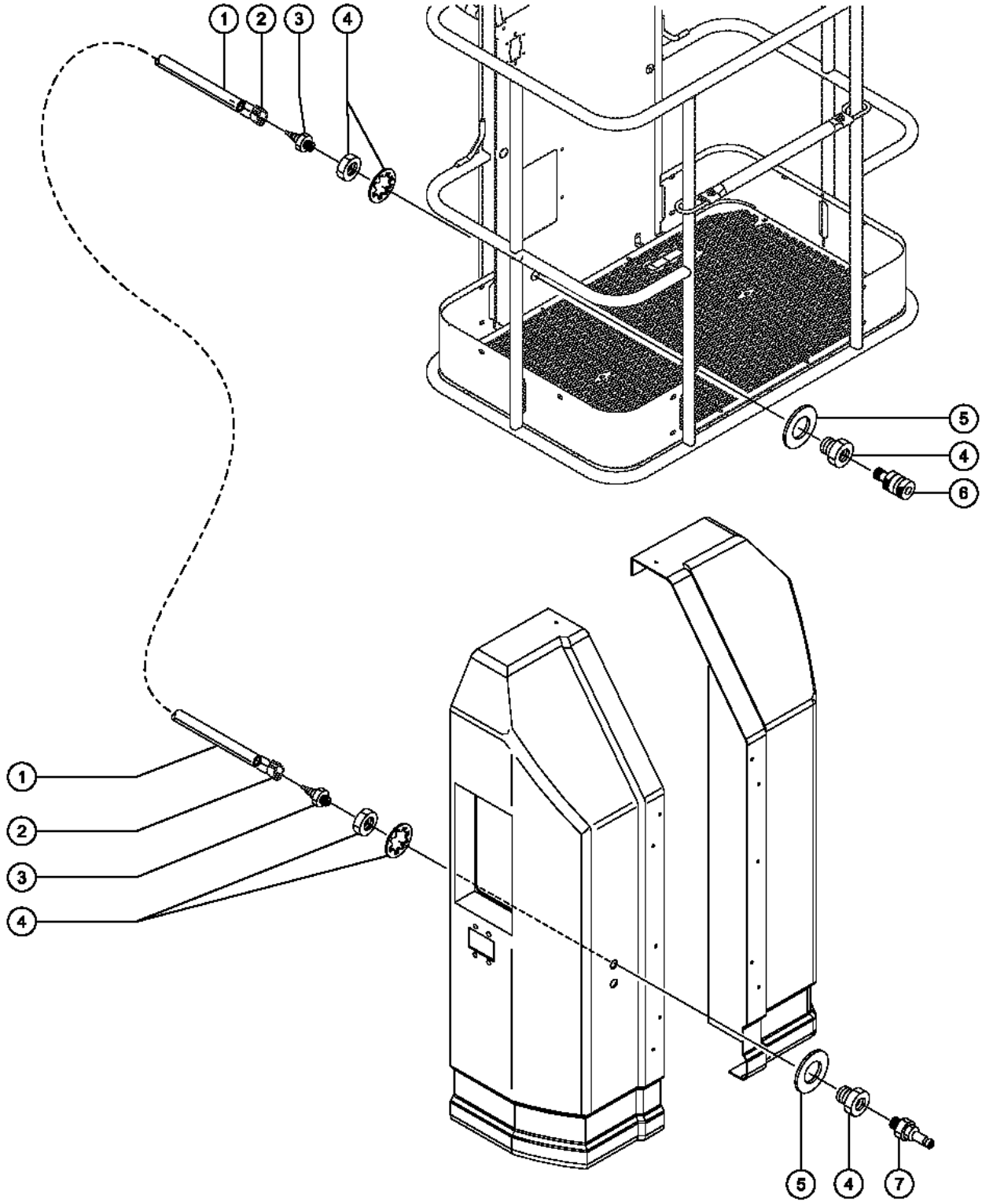
901.2 Flashing Beacon and Descent Alarm (from SN 10539)



901.2 Flashing Beacon and Descent Alarm (from SN 10539)

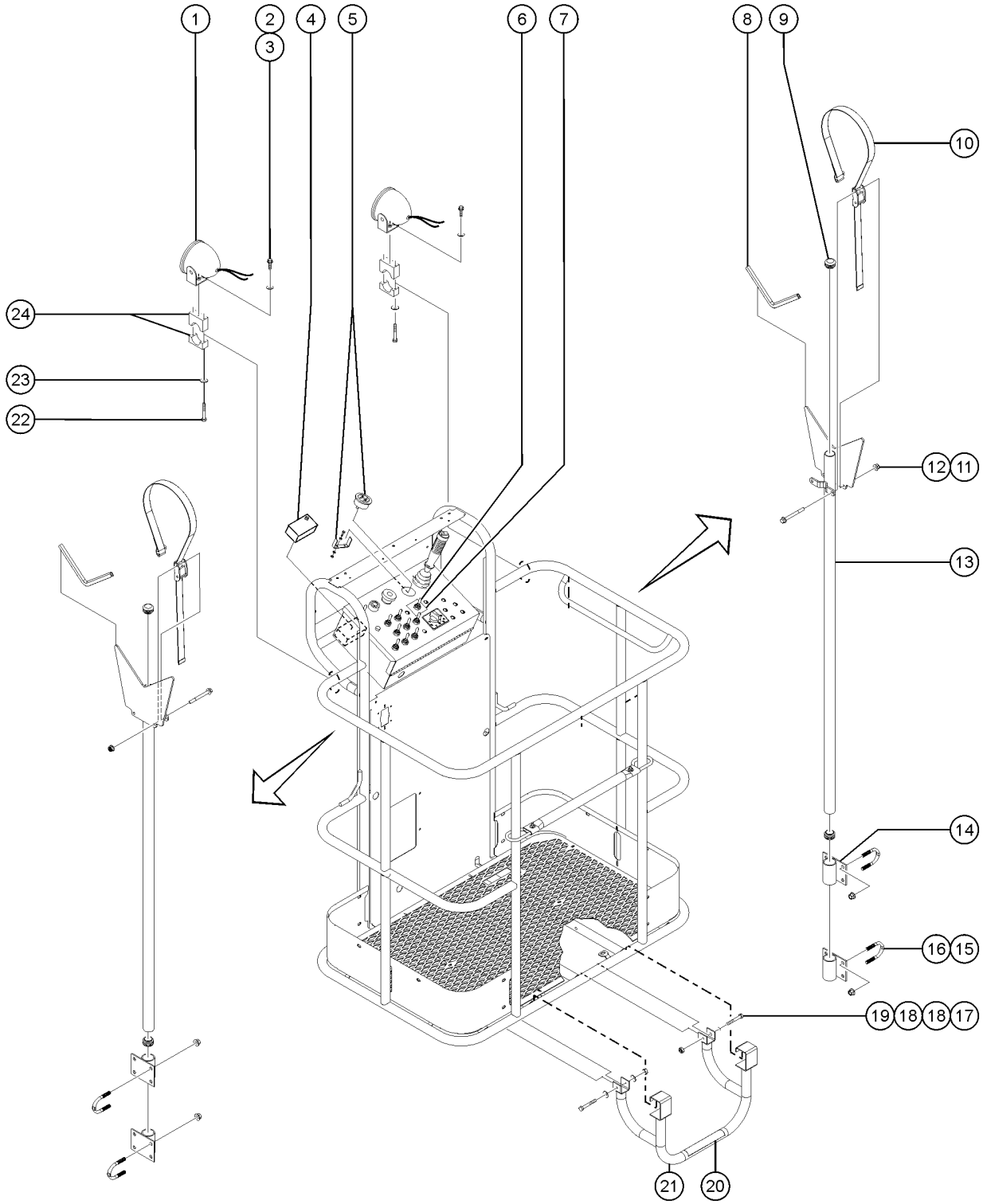
Item	*Part No.*	*Description*	*Qty.*
1	14392GT	NUT,LP NYLOCK,10-32	3
2	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	3
3	230645GT	GUARD,BEACON,NARROW (EE Units Only)	1
4A	20189GT	STROBE,FIREBOLT12-72VDC,AMB***	1
4A-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
4A-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
4A-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
4B	231931GT	STROBE, BEACON, AC COMP, 12-80V (EE Units Only)	1
4B-	105556GT	REPLACE COVER,FLASHING BEACON for 231931	
4B-	105557GT	REPLACE BULB,FLASHING BEACON for 231931	
5	56289-SGT	BRACKET,BEACON LIGHT	1
6	56051GT	WIRE CABLE,16/2,WHT/BLK,SJEOW	62 inches
7	38682GT	COUPLER,MALE,BRAZED SEAM:16/14	2
8	40609GT	TERMINAL,FEMALE COUPLER,BLUE	2

902.1 Air Line to Platform



Item	Part No.	Description	Qty.
	56261GT	HOSE ASSEMBLY,AIRLINE TO PLAT includes items 1, 2 and 3	
1	27903GT	HOSE, LOW PRESSURE, .375 ID	510
2	27902GT	CLAMP,HOSE,2 EAR,5/8	2
3	27901GT	HOSE END,BARBED,RIGID,-6-6	2
4	27900GT	BULKHEAD,FEMALE X 6 X 6 Includes nut and star washer	2
5	13775GT	WASHER,FLAT,1.063 X 2 X .134	4
6	27895GT	COUPLER,1/4"SERIES 3/8 MPT	1
7	27894GT	PLUG,1/4"SERIES,3/8 MPT	1
8	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH not shown	7
9	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH* not shown	1
10	27904GT	HOSE END,BARBED,RIGID,90DEG6-6 not shown	1
11	44981GT	DECAL LABEL AIRLINE 110PSI not shown	2
12	6578GT	CABLE TIE, 7 3/8" not shown	20

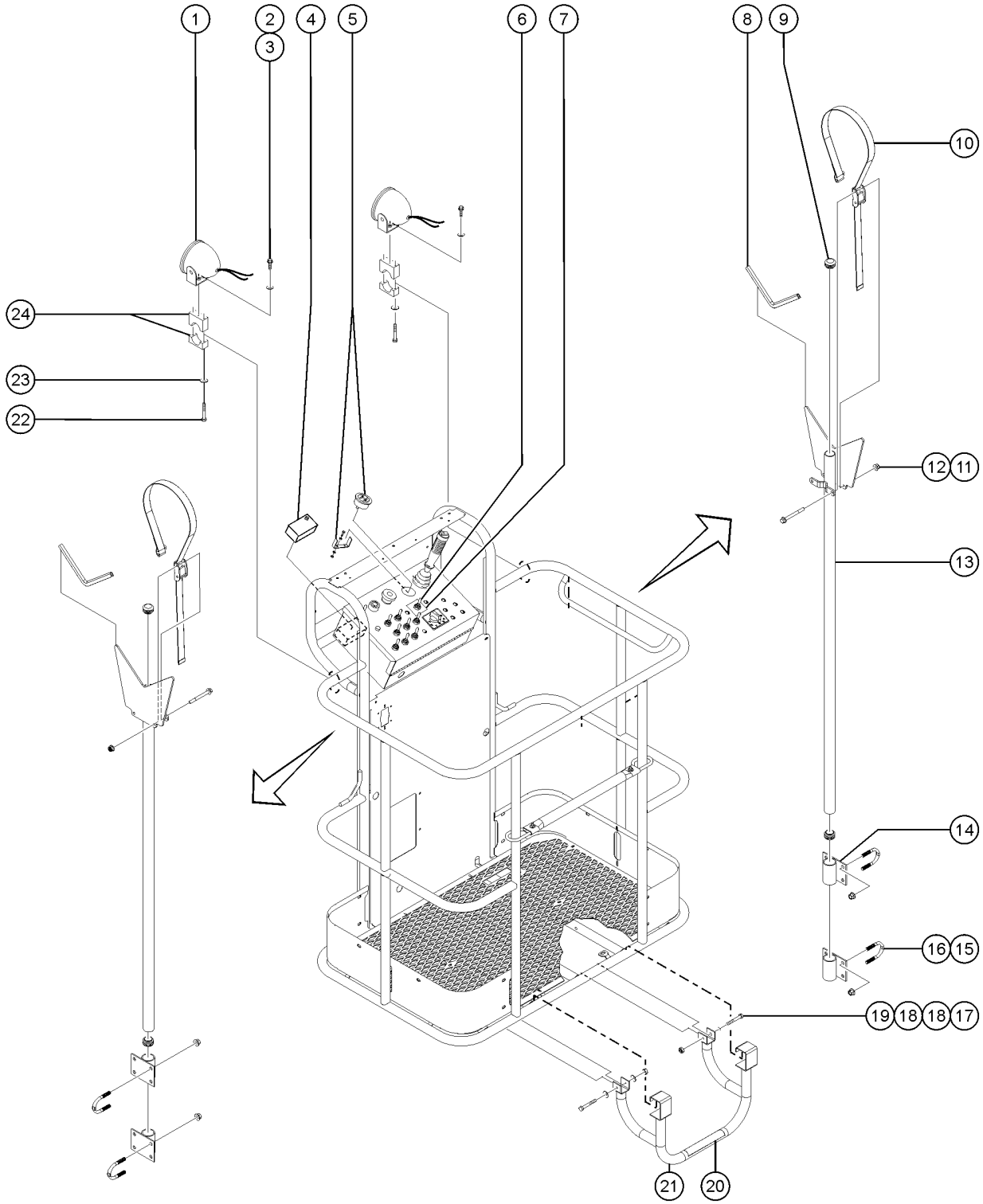
903.1 Platform Options - View 1



903.1 Platform Options - View 1

Item	Part No.	Description	Qty.
A	85300GT	PIPE CRADLE ASSY. SERV (ONE)** (ANSI & CE only) (This is a single assembly. Qty 2 of 85300GT required to complete a set)	
A-	65630GT	INSTRUCTIONS-PIPE CRADLE,BOOMS	
B	101649GT	OPTION,CONTROL BOX COVER see 904.2 for illustration; from SN 9560	1
C	139362GT	POWER TO PLAT, DOMESTIC	
D	139363GT	POWER TO PLAT, UK	
E	139364GT	POWER TO PLAT, NO PLUG	
F	139365GT	POWER TO PLAT,EURO PLUG220/50	
G	56486GT	ACC,WORKLIGHT,48V** Complete to SN 3446	
H	56486-SGT	ACCESSORY,WORKLIGHT,48 VOLT Complete from SN 3447	
I	56903-SGT	ACCESSORY,PLATFORM STEP	
J	94262GT	OPTION,CONTROL BOX COVER*** from SN 2437 to 9559	
1	107858GT	WORKLIGHT,48 VOLT	2
1-	823226GT	POWER RELAY, 24V COIL	
2	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	119147GT	ACC.RETRO KIT LVI/BCI ENGAG II Can only be used to upgrade machines which already have the LVI/BCI option installed from the factory	1
4-	119129GT	HARN RETRO LVI/BCI ENGAGE II	
5A	237145GT	IND,BAT CHARGE,48V LEAD-ACID (includes mounting bracket)	1
5A-	23083-SGT	FUSE HOLDER,WATERPROOF	
5B	110651GT	LVI/BCI 36/48 VOLT ENGAGE II	
5B-	110652GT	GASKET LVI/BCI ENGAGE II	
5B-	119133GT	HARN LVI/BCI ENGAGE II Z34DC	
5B-	13097GT	FUSE,10 AMP	
6	56457-SGT	SWITCH,TOGGLE,SPDT,2 POS MAINT	1
7	72867GT	DECAL,LABEL,LIGHTS***	1
8	19018-1100GT	TRIMLOCK,BLACK,5/32"	2
9	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
10	56570GT	STRAP, CONDUIT HOLDER 60"***	2

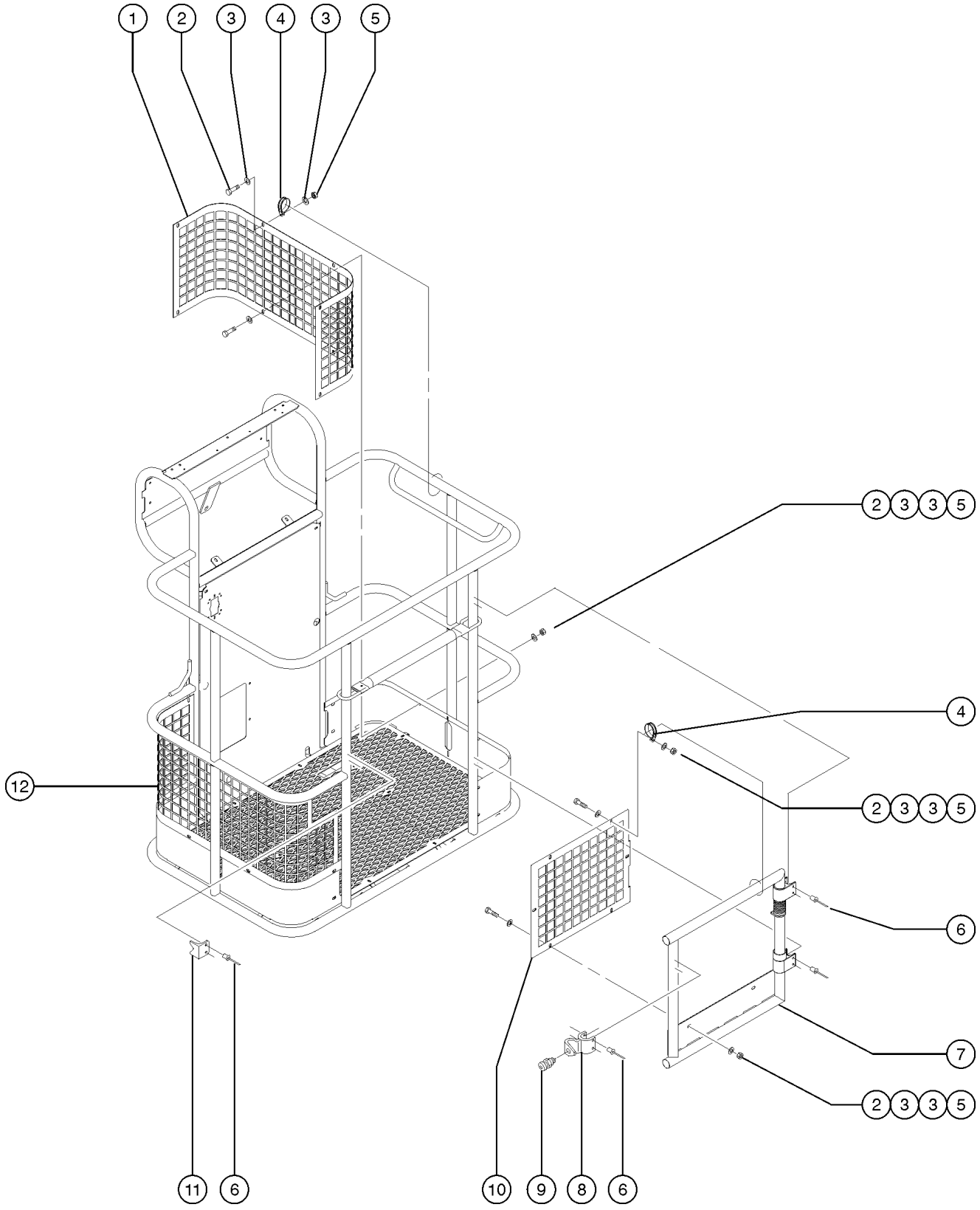
903.1 Platform Options - View 1



903.1 Platform Options - View 1

Item	Part No.	Description	Qty.
11	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
12	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
13	56525GT	WELDMENT, PIPE CRADLE	2
14	81368GT	WELDMENT,PIPE CRADLE MOUNT	4
15	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	8
16	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	16
17	8178GT	SCREW, HHC, 3/8-16 X 2.5	
18	6097GT	WASHER, FLAT, USS, 3/8", Y	
19	4828GT	NUT, NYLOCK, 3/8-16	
20	32358GT	TAPE,NON-SKID,1" WIDE,BULK	8 inches
21	56903-SGT	ACCESSORY,PLATFORM STEP includes items 17-20	
22	6637GT	SCREW,HHC,1/4-20 X 1.75	
23	6356GT	WASHER, LOCK, .25	
24	35956GT	WORK LIGHT MOUNTING BRACKET	

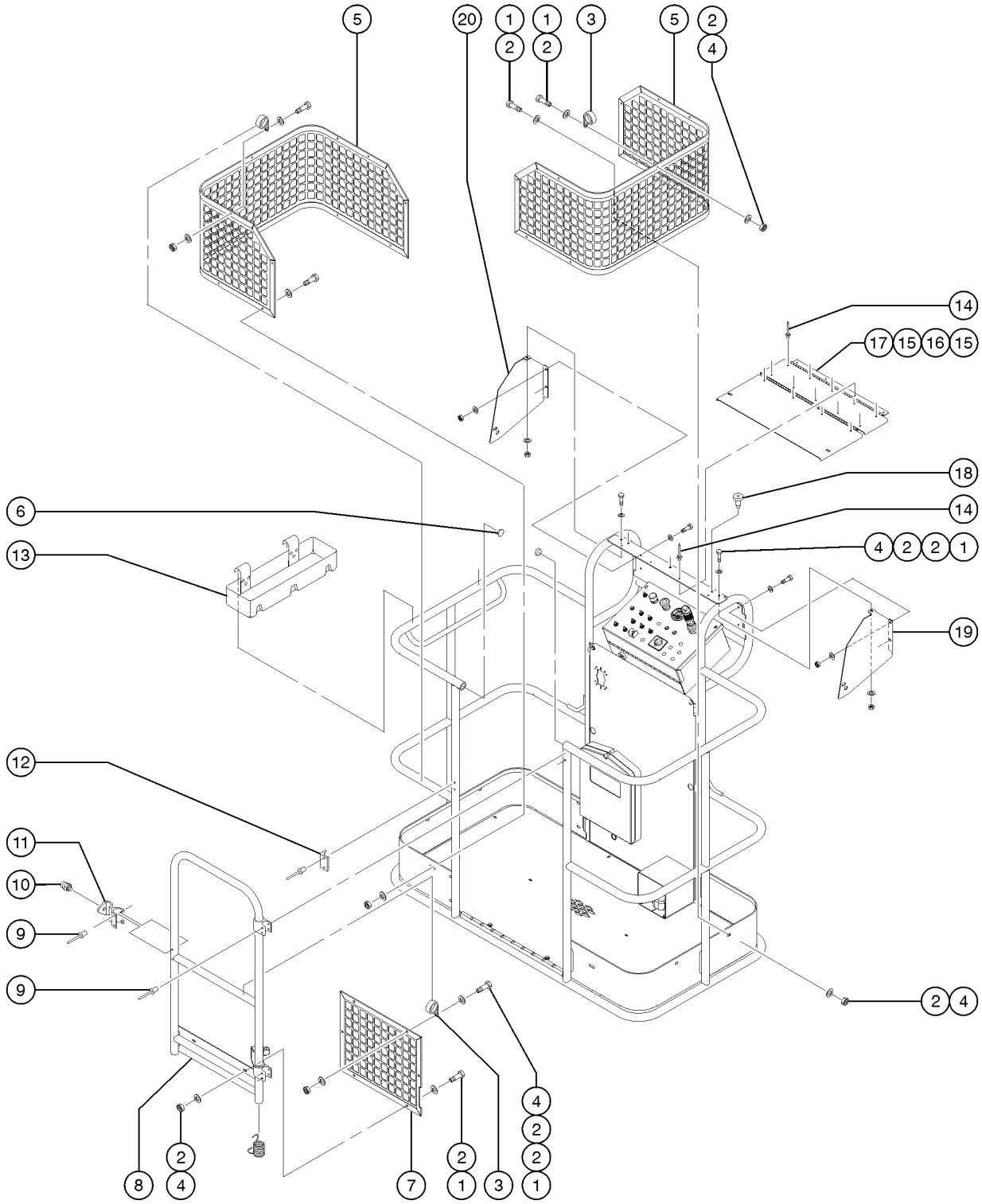
904.1 Platform Options - View 2 (to SN 9308)



904.1 Platform Options - View 2 (to SN 9308)

Item	Part No.	Description	Qty.
		KIT,HALF SWING GATE*** (component no longer available)	
1	74009GT	MESH,HALF HEIGHT RH,4'***	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	6
5	6091GT	NUT, NYLOCK, 1/4-20	
6	7265GT	RIVET,STEEL,P, .25 X .375	
7	128368GT	KIT,SWING GATE W/SPRING	
7-	128374GT	WELDMENT,SWING GATE,ALUMINUM	1
7-	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
7-	43392GT	BUMPER,BATTERY BOX & RAILS	1
7-	9596GT	HINGE CASTING Special welding requirements for installation of this component. Strongly suggest ordering 128368 OR contact Genie Service for welding requirements.	
8	1487GT	GATE LATCH CASTING--DRILLED	1
9	63311GT	SNAP PIN	1
10	54457GT	MESH,HALF,SWING GATE***	1
11	1488GT	RAILING CATCH CASTING--DRILLED	1
12	74011GT	MESH,HALF HEIGHT LH Z20	1

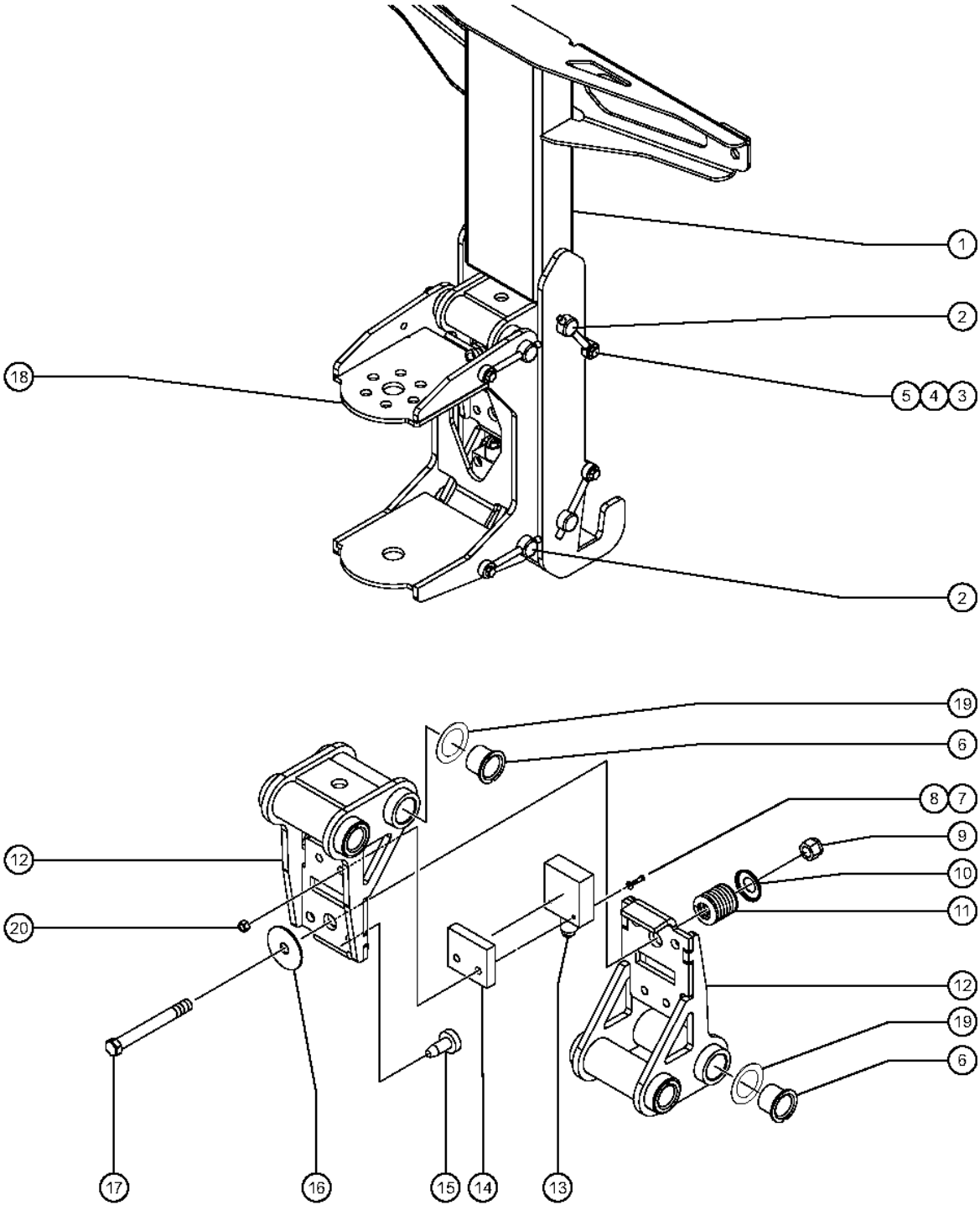
904.2 Platform Options - View 2 (from SN 9309)



904.2 Platform Options - View 2 (from SN 9309)

Item	Part No.	Description	Qty.
A	101649GT	OPTION,CONTROL BOX COVER see illustration for components	1
B	119147GT	ACC.RETRO KIT LVI/BCI ENGAG II Can only be used to upgrade machines which already have the LVI/BCI option installed from the factory	
B-	119129GT	HARN RETRO LVI/BCI ENGAGE II	
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
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-	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	9599-SGT	TOOL TRAY ACCESSORY***	1
14	87085GT	RIVET,ALUM,P,.188 X .25	
15	77860GT	HINGE,CONTROL BOX component of assembly 101649	1
16	101678GT	LID,CONTROL BOX COVER component of assembly 101649	1
17	101679GT	LID,CONTROL BOX COVER component of assembly 101649	1
18	34619GT	BUMPER,RUBBER***	6
19	101676GT	CONTROL BOX COVER, RH component of assembly 101649	1
20	101677GT	CONTROL BOX COVER, LH component of assembly 101649	1

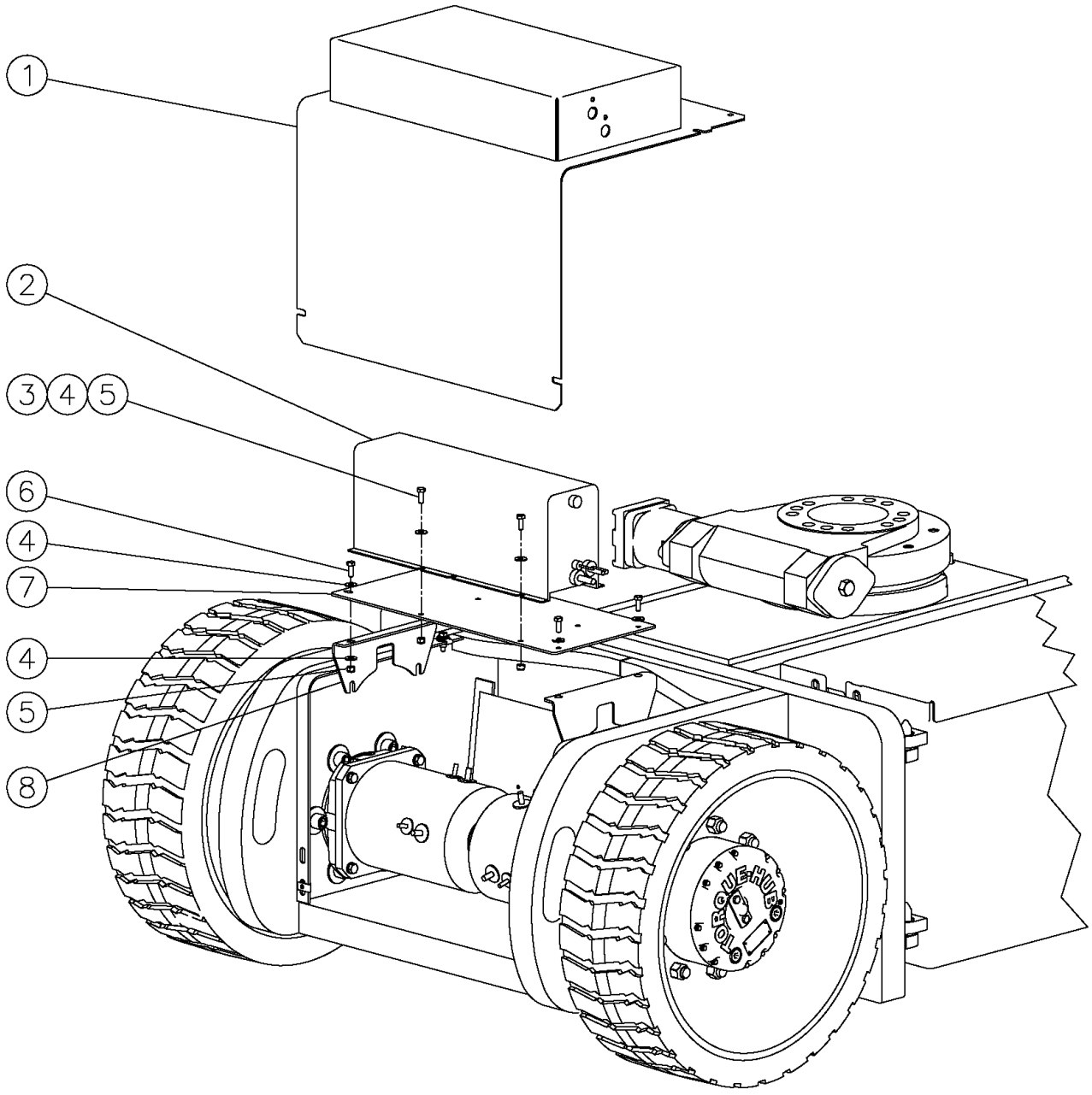
905.1 Platform Overload (from SN 6291)



905.1 Platform Overload (from SN 6291)

Item	Part No.	Description	Qty.
	121848GT	ASSY,LS,LOAD SENSE,38.5 IN	
	94395-SGT	OPTION,PLATFORM LOADSENSE	
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	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
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	61972GT	MOUNT,SWITCH	1
15	34619GT	BUMPER,RUBBER***	1
16	6097GT	WASHER, FLAT, USS, 3/8", Y	
17	21604GT	SCREW,HHC,3/8-16 X 3.25	
18	94170GT	WELDMENT,ROTATOR SUPPORT	1
19	110789GT	WASHER,SHIM .0151 THK.	
20	5365GT	NUT,NYLOCK,10-24	

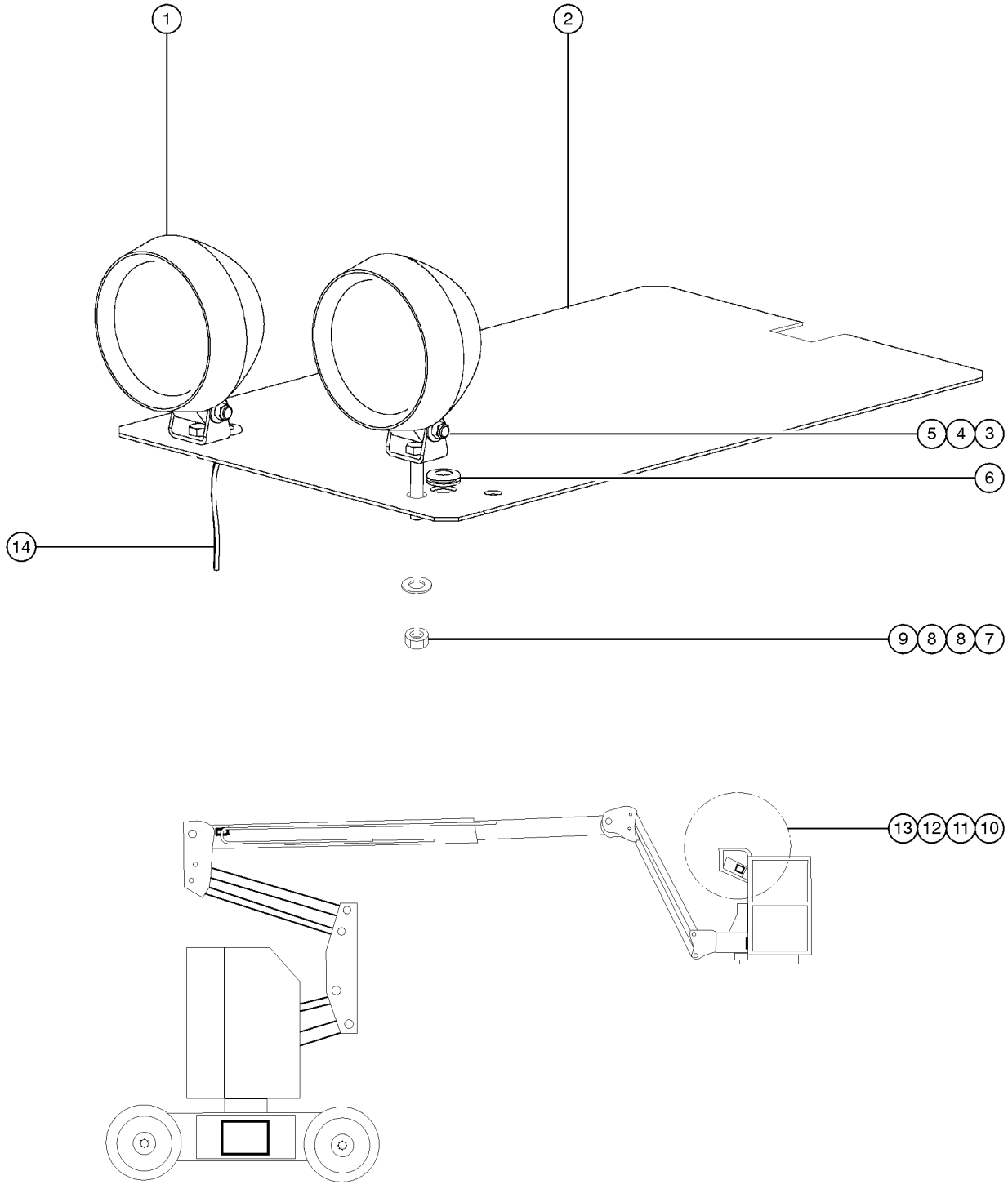
906.1 Inverter Option, 120V



906.1 Inverter Option, 120V

Item	*Part No.*	*Description*	*Qty.*
1	74868GT	WELDMENT,COVER DRIVE CHASSIS	1
2	150026GT	INVERTER,48VDC,120VAC/60HZ	1
3	6090GT	SCREW, HHC, 1/4-20 X .75	4
4	6638GT	WASHER, FLAT, USS, 1/4"Y	12
5	6091GT	NUT, NYLOCK, 1/4-20	8
6	6888GT	SCREW, HHC, 1/4-20 X 1	4
7	74848PGT	PLATE,INVERTER MOUNT PTD	1
8	74847PGT	BRACKET,INVERTER MOUNT PTD	2

907.1 Drive Light Option

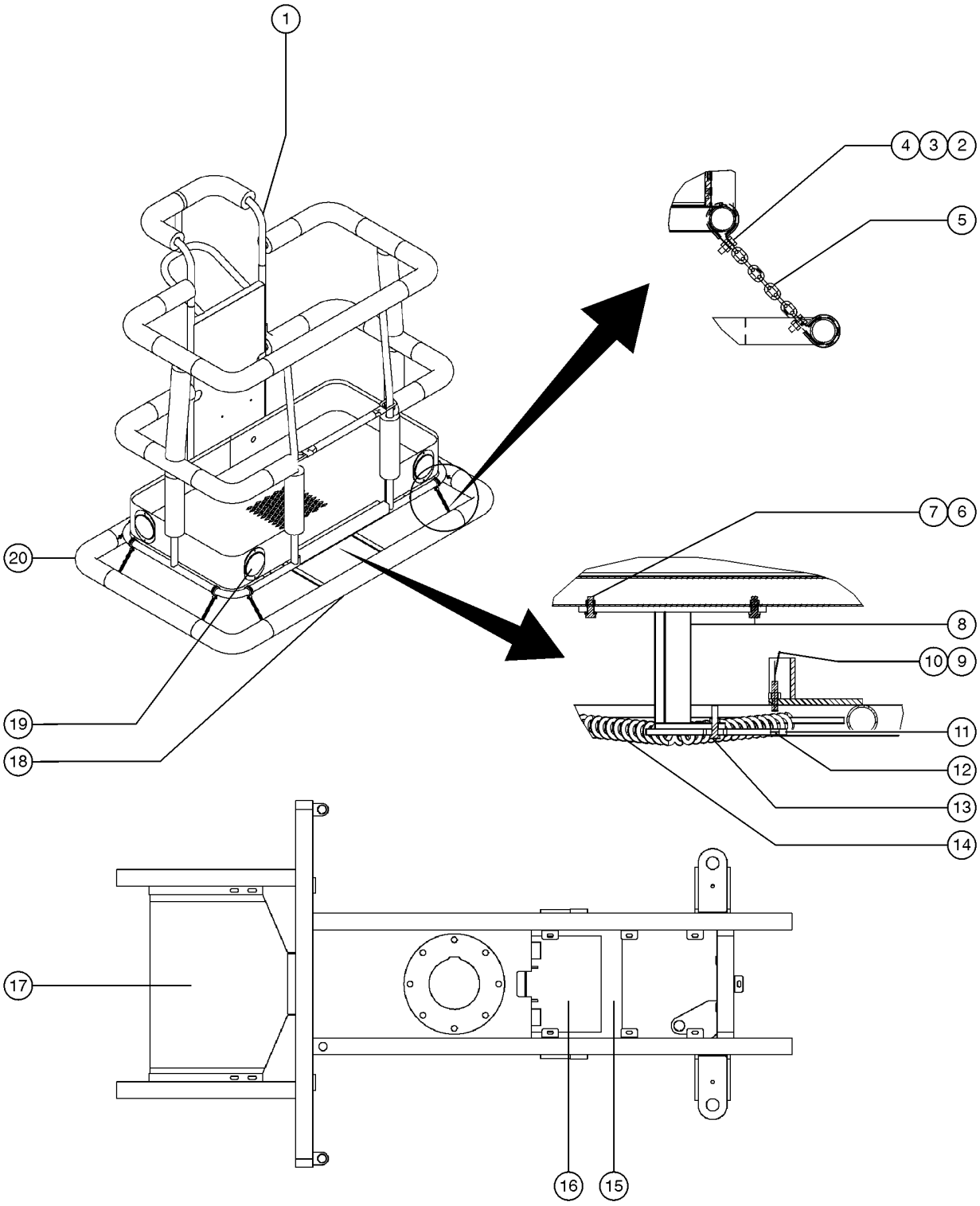


Item	Part No.	Description	Qty.
1	107858GT	WORKLIGHT,48 VOLT includes items 3-5 and 7-9	2
2	128819GT	COVER, DR LIGHT OPTION	1
3	10107GT	SCREW,HHC,5/16-18 X .75	2
4	5397GT	WASHER, FLAT, USS, 5/16-18	2
5	6782GT	NUT, NYLOCK, 5/16-18	2
6	53517GT	GROMMET,RUBBER .5 X .014 X .75	2
7	6782GT	NUT, NYLOCK, 5/16-18	
8	5397GT	WASHER, FLAT, USS, 5/16-18	
9	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	
10	823226GT	POWER RELAY, 24V COIL	1
10-	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
10-	6146GT	WASHER,FLAT,MS,#10,Y	
10-	6178GT	NUT, NYLOCK, 10-32	
11	72867GT	DECAL,LABEL,LIGHTS***	1
12	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT	1
12-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
13	6578GT	CABLE TIE, 7 3/8"	2
14A	128271GT	HARNESS, DRIVE LIGHTS, 48V (to SN Z30N10-12120)	1
14B	823948GT	HARNESS, DRIVE LIGHTS, 48V (from SN Z30N13-14940)	1
14B-	107858GT	WORKLIGHT,48 VOLT	2
14B-	23083-SGT	FUSE HOLDER,WATERPROOF	1
14B-	27489GT	FUSE,7 AMP	1
14B-	823226GT	POWER RELAY, 24V COIL	1

908.1 Hostile Environment Package (to SN 12119)

Item	Part No.	Description	Qty.
1	101649GT	OPTION,CONTROL BOX COVER see 904.2 Platform Options for illustration	1
2	128329GT	SCREW,HHC,1/4-20 X 1, GR8 Not shown	4
3	128330GT	SCREW,HHC,1/4-20 X 1, GR8	6
4	30489GT	CLAMP,HOSE,3.50 Not shown	5
5	30577GT	COVER,PROTECTIVE,MASTER/SLAVE Not shown	1
6	30971GT	CLAMP,HOSE,3.00" Not Shown	1
7	34510GT	BRACKET,ADJ.WIPER MOUNT	4
8	35434GT	CLAMP,HOSE,2.00*** Not shown	6
9	5365GT	NUT,NYLOCK,10-24 Not Shown	2
10	54989GT	BELLOWS,STEERING CYLINDER Not shown	1
11	56667GT	PLATE,WIPER SIDE	2
12	56668GT	RUBBER,WIPER,SIDE	2
13	139763GT	BRACKET,WIPER TOP	1
14	56671GT	3106170WIPER,TOP	1
15	56672GT	PLATE,WIPER TOP	1
16	56742GT	WEAR PAD,HEK Not Shown	1
17	6638GT	WASHER, FLAT, USS, 1/4"Y	10
18	6889GT	NUT,LP NYLOCK,1/4-20	10
19	94461GT	BELLOWS,PRIMARY/ELEV CYLINDER Not shown	2
20	94462GT	BELLOWS,JIB CYLINDER Not shown	1
21	94463GT	BELLOWS,MASTER CYLINDER Not shown	1
22	6097GT	WASHER, FLAT, USS, 3/8", Y	2

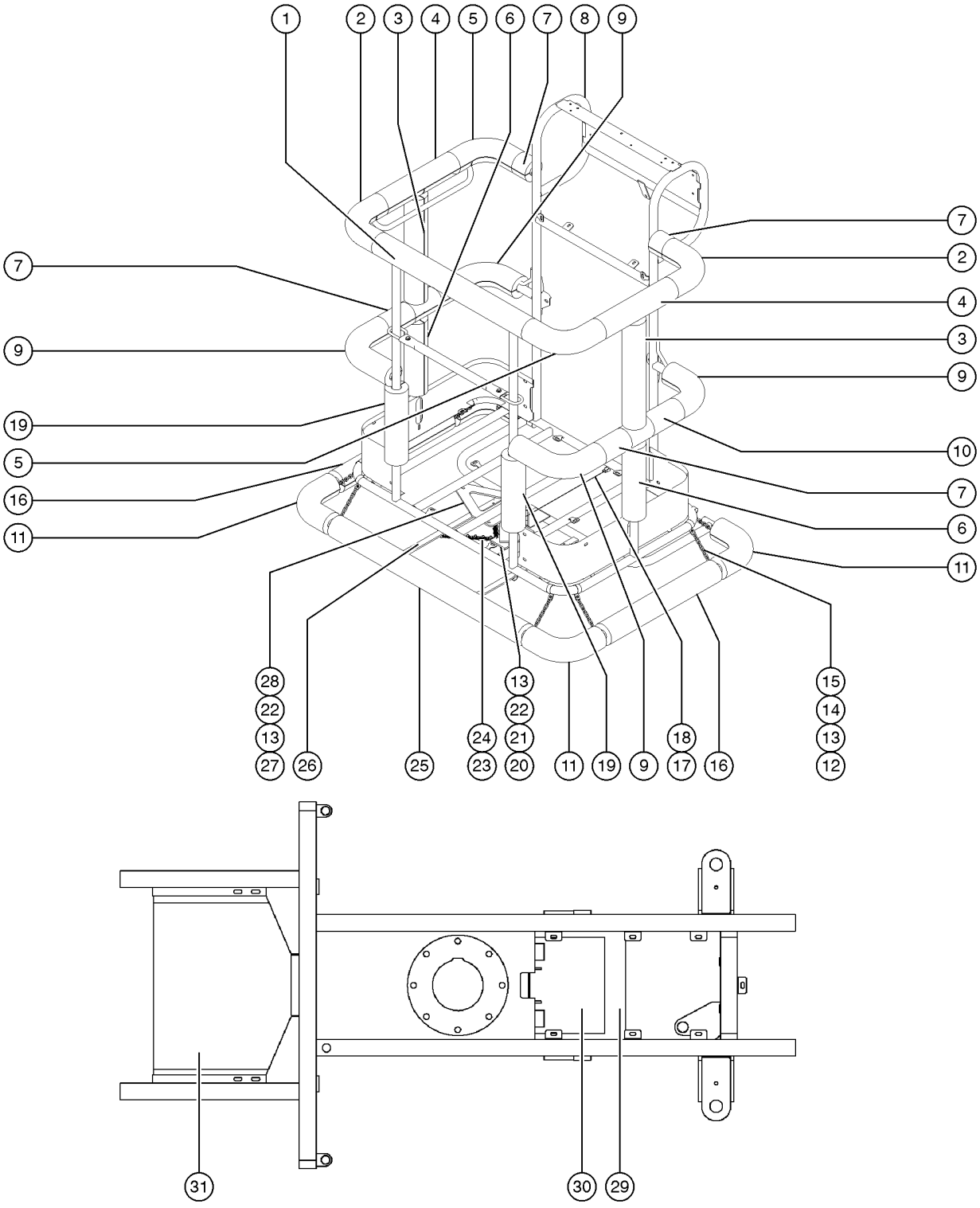
909.1 Aircraft Protection (to SN 10885)



909.1 Aircraft Protection (to SN 10885)

Item	Part No.	Description	Qty.
1		Ref. PLAT RAIL ASSY (refer to 601.1)	
2	42377GT	SCREW,SHS,1/4-20 X .75,ZINCPLT	
3	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	16
4	6091GT	NUT, NYLOCK, 1/4-20	
5	56426GT	CHAIN,NO.2	8
6	6356GT	WASHER, LOCK, .25	
7	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
8	56328GT	WELDMENT,SENSOR BRACKET	1
9	81532GT	HARNESS, PROX. KILL includes 27391GT proximity sensor	1
9-	27391GT	PROXIMITY SENSOR***	
10	22571GT	NUT,HEX,M8 X 1.25	
11	56330GT	PLATE,MAGNET MOUNT	1
12	29261GT	MAGNET,NEODYMIUM,.375 X .100	2
13	8915GT	SCREW, HHC, 1/4-20 X 1.25	
14	56425GT	SPRING,EXTENSION,.75X4.5	
15	56452GT	PLATE,COUNTERWEIGHT	1
16	56451GT	PLATE,COUNTERWEIGHT	1
17	74734GT	PLATE,COUNTERWEIGHT	1
18	56417GT	BUMPER,3.50 DIA.STRAIGHT	5
19	56427GT	REFLECTORS,3"DIA,AMBER	6
20	56418GT	BUMPER,90 DEG ELBOW	14

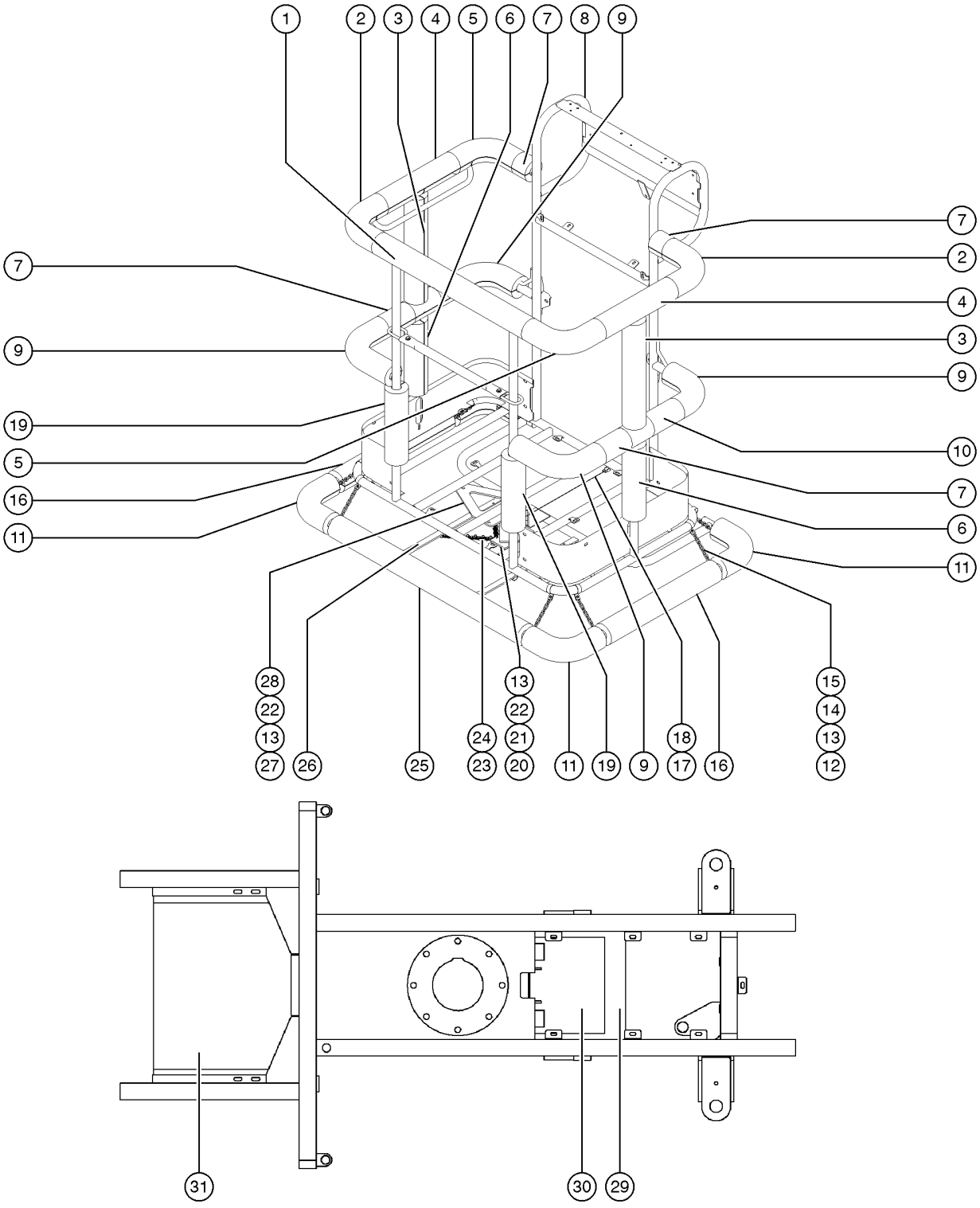
909.2 Aircraft Protection (from SN 10886)



909.2 Aircraft Protection (from SN 10886)

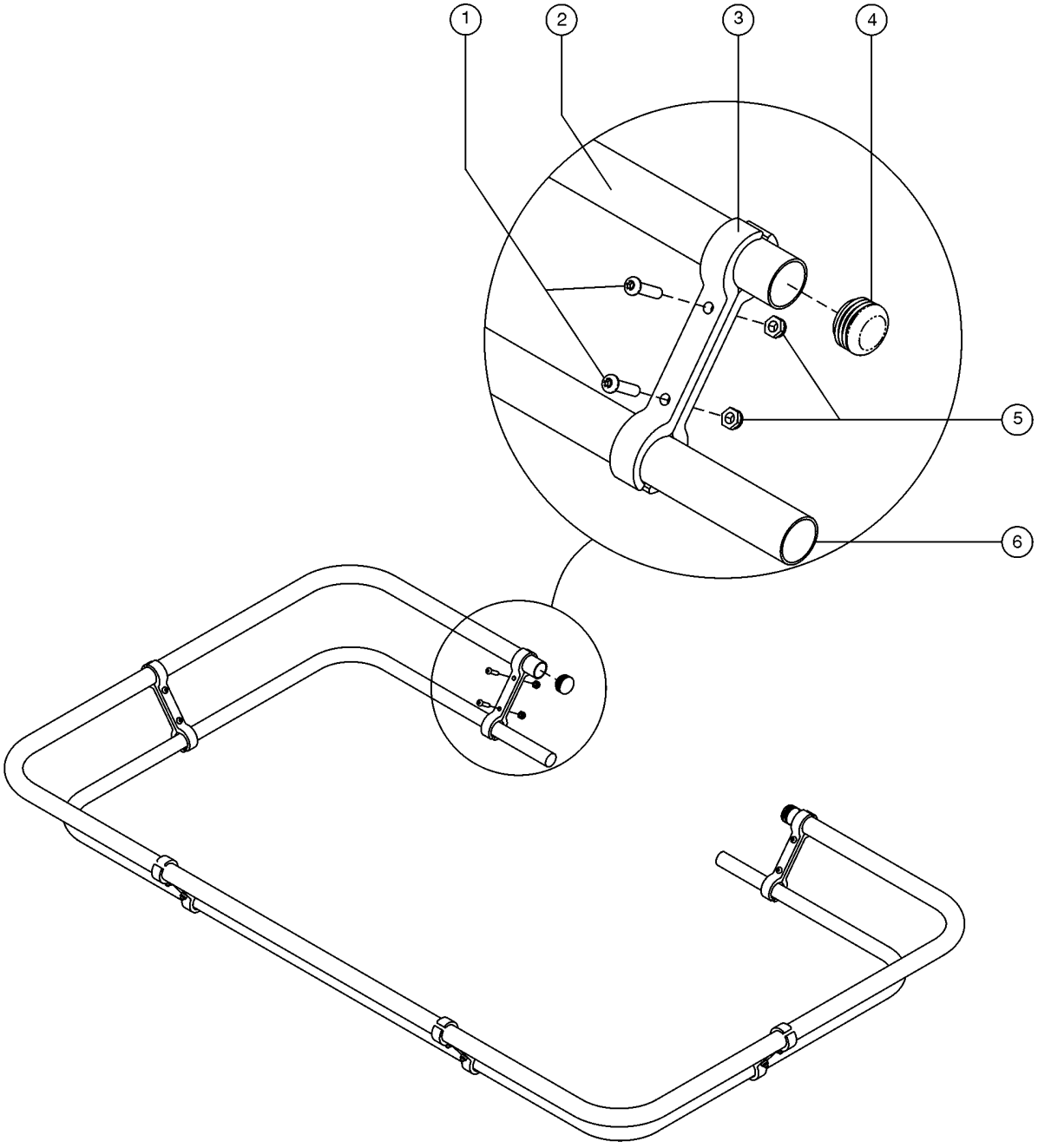
Item	Part No.	Description	Qty.
1	1251590GT	BUMPER,3.5OD X 1.5ID X 30.75	1
2	147000GT	PADDING, FOAM 90 DEG	2
3	825213GT	BUMPER,3.5OD X 1.5ID X 15.65	2
4	825207GT	BUMPER,3.5OD X 1.5ID X 14.75	2
5	147001GT	PADDING, FOAM 90 DEG	2
6	825212GT	BUMPER,3.5OD X 1.5ID X 12.75	2
7	1251592GT	BUMPER,3.5OD X 1.5ID X 2.75	2
8		Ref. PLATFORM RAIL ASSY refer to 601.1	
9	1252013GT	BUMPER,3.5OD X 1.5 ID 90 DEG	4
10	1252012GT	BUMPER,3.5OD X 1.5 ID X 6.75	2
11	56418GT	BUMPER,90 DEG ELBOW	4
12	56426-576GT	CHAIN,NO.2 (9LINKS)	8
13	6090GT	SCREW, HHC, 1/4-20 X .75	
14	6091GT	NUT, NYLOCK, 1/4-20	
15	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	16
16	825214GT	BUMPER,3.5OD X 1.5ID X 22.70	2
17	139643GT	HARNESS, PROX. KILL (includes PN 27391GT for Proximity Sensor)	1
17-	20973GT	WIRE LOOM,3/8 POLY SLIT	69 inch
18	88390GT	NUT,HEX,M8,PLASTIC	
19	1252011GT	BUMPER,3.5OD X 1.5 ID X 9.75	2
20	56330GT	PLATE,MAGNET MOUNT	1
21	8915GT	SCREW, HHC, 1/4-20 X 1.25	
22	6638GT	WASHER, FLAT, USS, 1/4"Y	
23	56425GT	SPRING,EXTENSION,.75X4.5	4
24	88385GT	SPRING, SS, 1/2-EO500-49-4500	4
25	1251591GT	BUMPER,3.5OD X 1.5ID X 38.75	1
26	56324GT	WELDMENT,FLOATING BUMPER	1
27	56328GT	WELDMENT,SENSOR BRACKET	1

909.2 Aircraft Protection (from SN 10886)



Item	*Part No.*	*Description*	*Qty.*
28	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
29	128723GT	PLATE, PROFILED COUNTERWEIGHT	1
30	128722GT	PLATE, PROFILED COUNTERWEIGHT	1
31	74734GT	PLATE,COUNTERWEIGHT	1

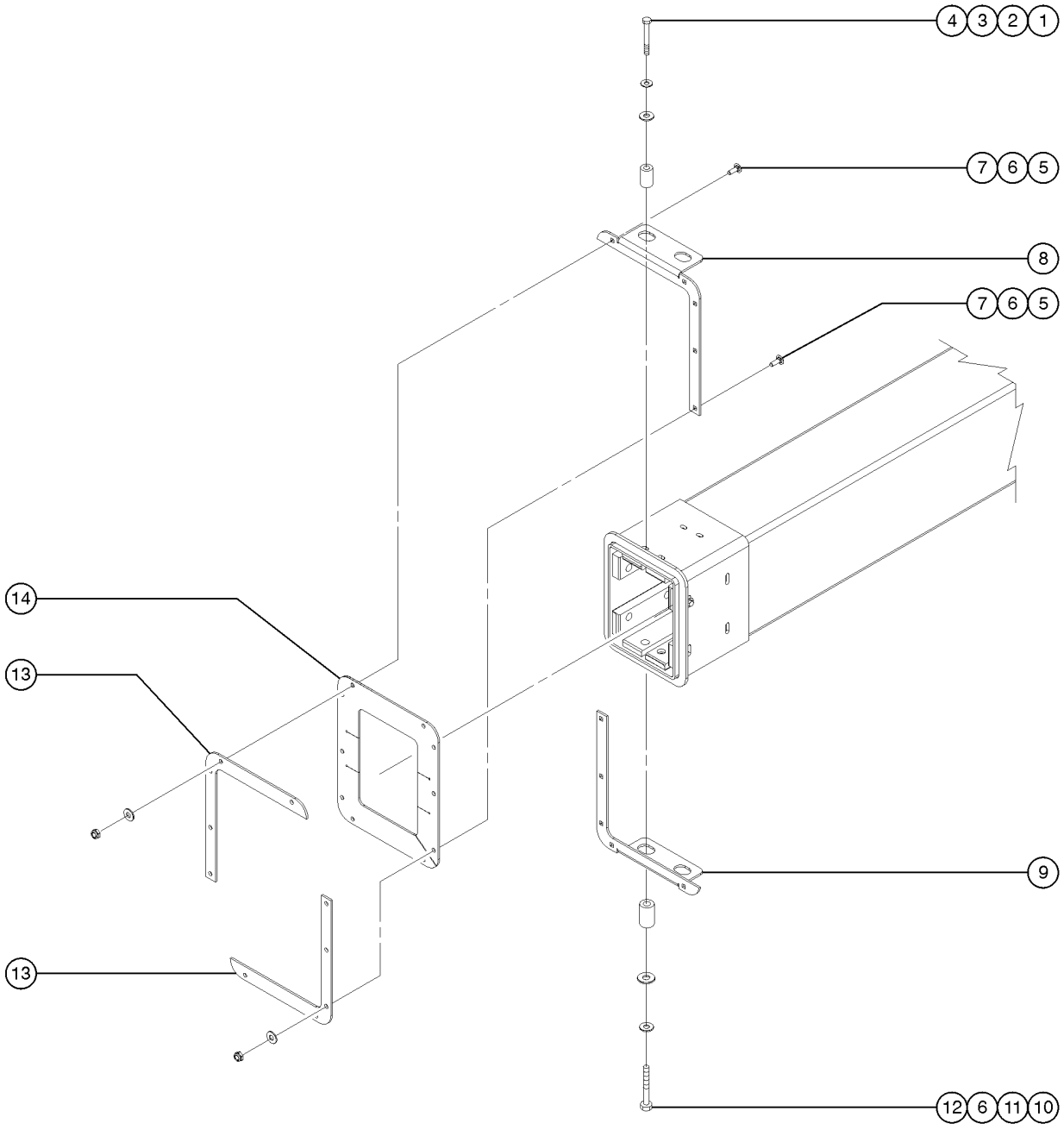
910.1 Auxiliary Rail Assembly



910.1 Auxiliary Rail Assembly

Item	*Part No.*	*Description*	*Qty.*
	T112779GT	KIT, AUX. RAIL, 4' PLATFORM	
1	122231GT	SCREW,BHSC,1/4-20 X 1	
2	T112577GT	TUBE, AUX. RAIL, 4' PLATFORM	1
3	122073GT	SUPPORT, RAILING	12
4	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
5	6889GT	NUT,LP NYLOCK,1/4-20	
6		Ref. PLAT RAIL ASSY (refer to 601.1)	

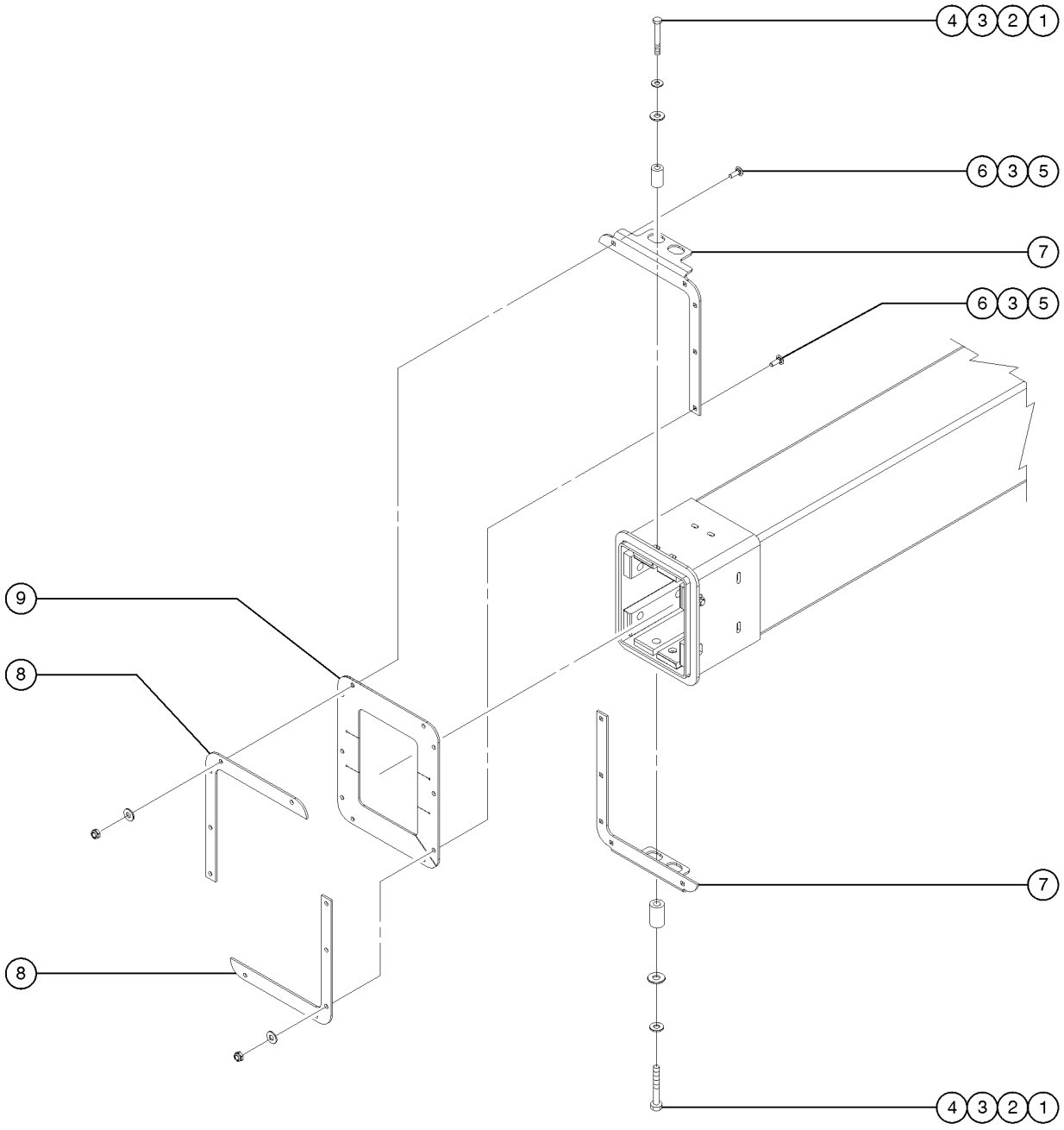
911.1 Hostile Environment, Primary Boom Wipers, Z-30N (from SN 12120)



911.1 Hostile Environment, Primary Boom Wipers, Z-30N (from SN 12120)

Item	Part No.	Description	Qty.
1	6708GT	SCREW,HHC,3/8-16 X 2.25	2
2	6021GT	WASHER, LOCK, .375	2
3	6097GT	WASHER, FLAT, USS, 3/8", Y	2
4	128852GT	TUBE,RD,STL,DOM,.75X.438X1.25	2
5	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	10
6	6638GT	WASHER, FLAT, USS, 1/4"Y	12
7	6889GT	NUT,LP NYLOCK,1/4-20	10
8	128681GT	FORMING, WIPER MOUNT	1
9	128682GT	FORMING, WIPER MOUNT	1
10	8179GT	SCREW,HHC,1/4-20 X 2.25	2
11	6356GT	WASHER, LOCK, .25	2
12	119077GT	TUBE,RD,STL,DOM,.75OD X .375ID	2
13	128973GT	PLATE,WIPER BACKING	2
14	147181GT	WIPER,PRIMARY BOOM	1

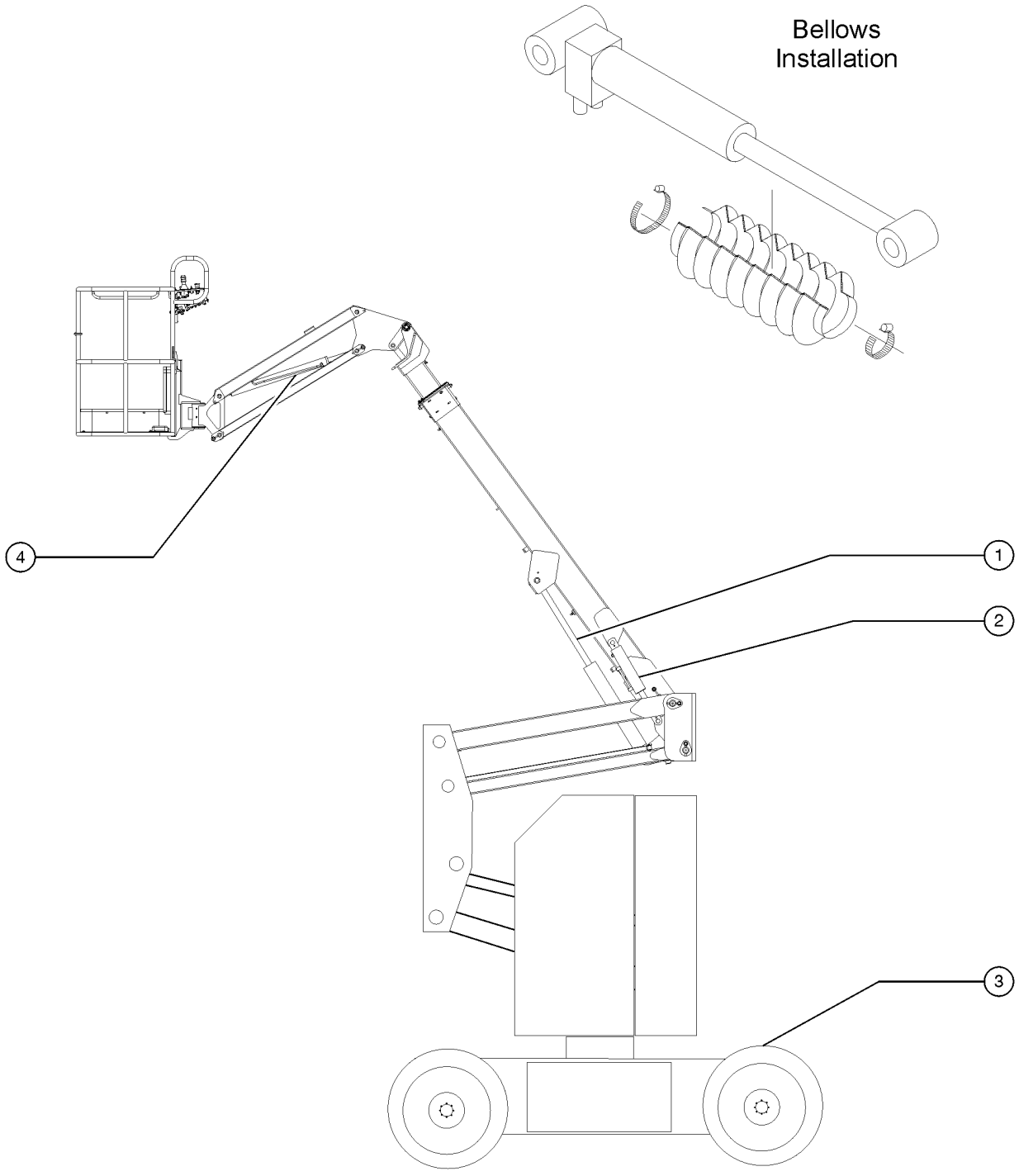
912.1 Hostile Environment, Primary Boom Wipers, Z-30N RJ (from SN 12120)



912.1 Hostile Environment, Primary Boom Wipers, Z-30N RJ (from SN 12120)

Item	*Part No.*	*Description*	*Qty.*
	147344GT	KIT, WIPER, Z-40/23N	1
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	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	10
6	6889GT	NUT,LP NYLOCK,1/4-20	10
7	128972GT	FORMING,WIPER MOUNT	2
8	128973GT	PLATE,WIPER BACKING	2
9	128971GT	WIPER,PRIMARY BOOM	1

913.1 Hostile Environment, Cylinder Bellows (from SN 12120)



913.1 Hostile Environment, Cylinder Bellows (from SN 12120)

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

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6097GT	41, 81, 87, 91, 99, 105...
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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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