



A TEREX BRAND

Parts Manual

Serial Number Range

GS-1530
GS-1930

to SN 59999

Part No. 39529GT
Rev: K.13
August 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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First Edition, Eleventh Printing

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A TEREX BRAND

Model: GS-1930

Serial number: GS3005A-12345

Model year: 2005 Manufacture date: 04/12/05

Electrical schematic number: ES0141

Machine unladen weight: 2,714 lb / 1,231 N

Rated work load (including occupants): 500 lb / 227 kg

Maximum allowable inclination of the chassis:

N/A

Gradeability: N/A

Maximum allowable side force : 100 lb / 445 N

Maximum number of platform occupants:2

Country of manufacture: USA

This machine complies with:

ANSI A92.6-
B354.2-

Terex South Dakota, Inc.

18340 NE 76th Street

Redmond, WA 98052

USA



11000111

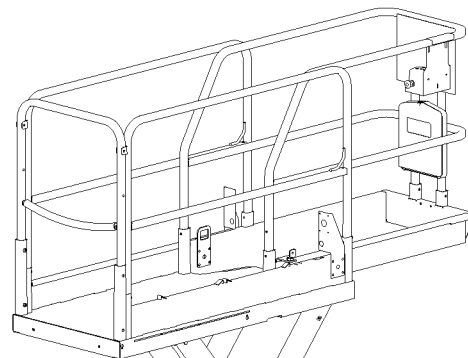
GS30 05 A - 12345

Model

Model year

Sequence
number

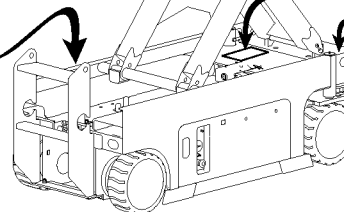
Facility code
(used only for model manufactured
in multiple facilities)



Serial number
(stamped on chassis)

Serial label

Serial number
(stamped on chassis)



How to Order Parts

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

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

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

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

Machine Information

Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number

North America

Telephone (425)881-1800

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

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

<http://genielift.com/en>

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

<http://genielift.co.uk>

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 GS-1530 and GS-1930 Service Manual*.

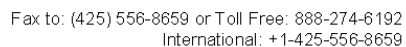
Description	Part No.
Filter Element, 10 Micron.....	44788
Dielectric Grease.....	66399
Chevron Ultra-duty Grease (Lithium) or equivalent, EP NLGI 1	(source locally)
Breather Cap, Hydraulic Tank.....	78546
Cotter Pin, Castle Nut, Steer-end Wheels, GS-32, GS-46.....	13635-10
Cotter Pin, Castle Nut, Steer-end Wheels, GS-30 and Non-steer end Wheels, All Models	42079

Recommended Parts

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

Genie also offers the following support documents:

EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5	44163



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

Optional Equipment _____

[illegible]

☐ Ship complete order only - No back orders

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

☐ Other (please specify)

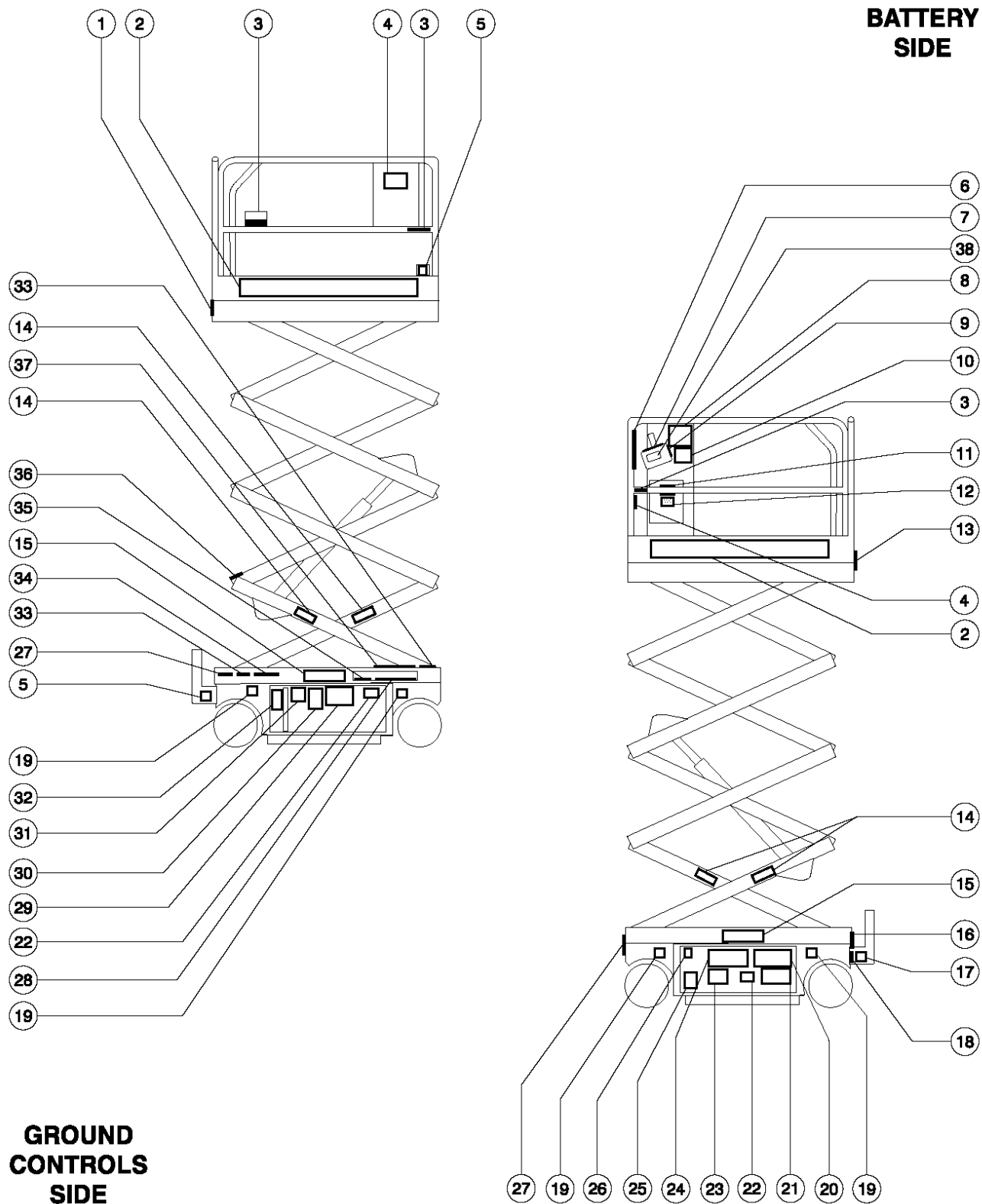
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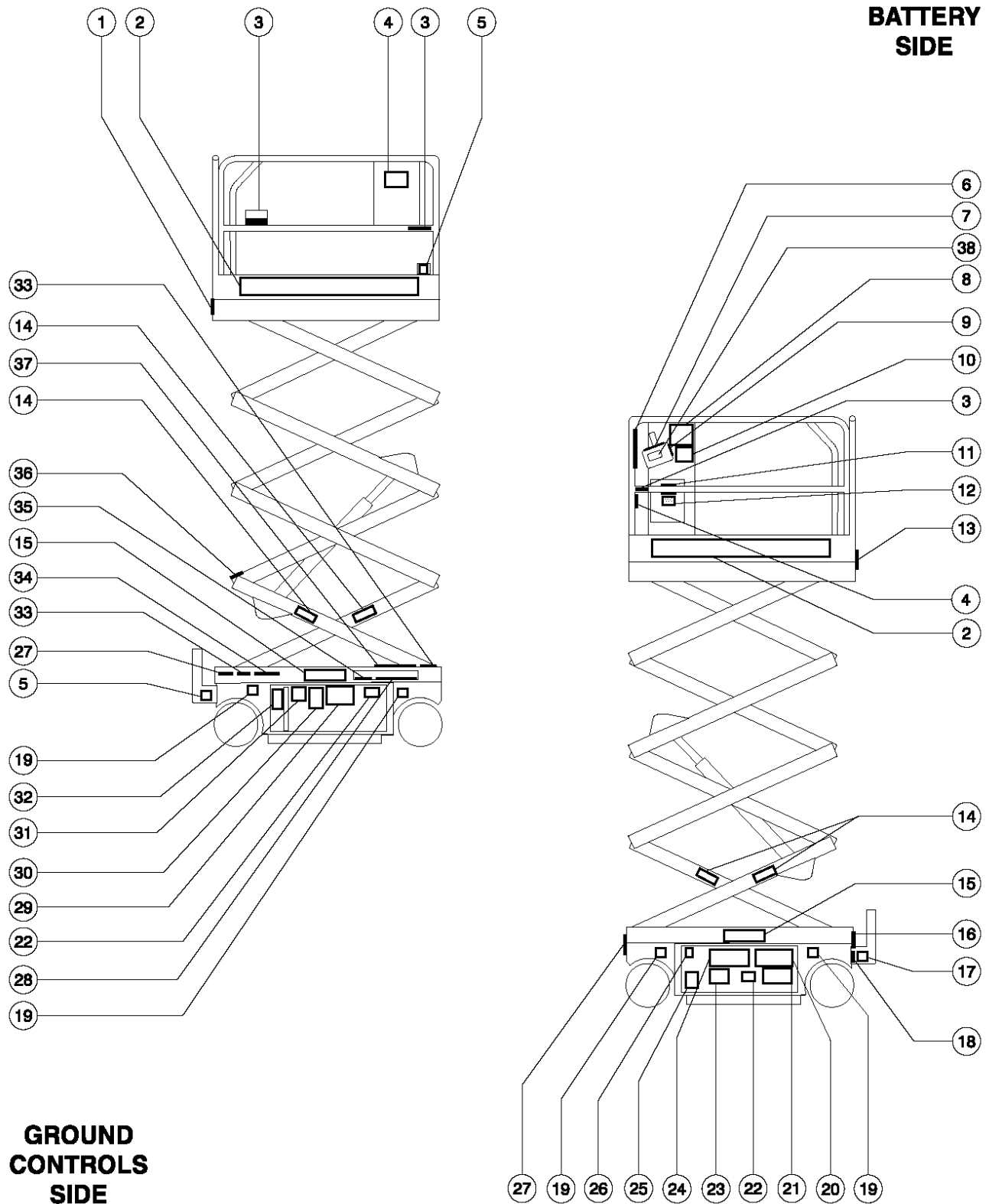
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101.1 Decals and Paint, GS-1530



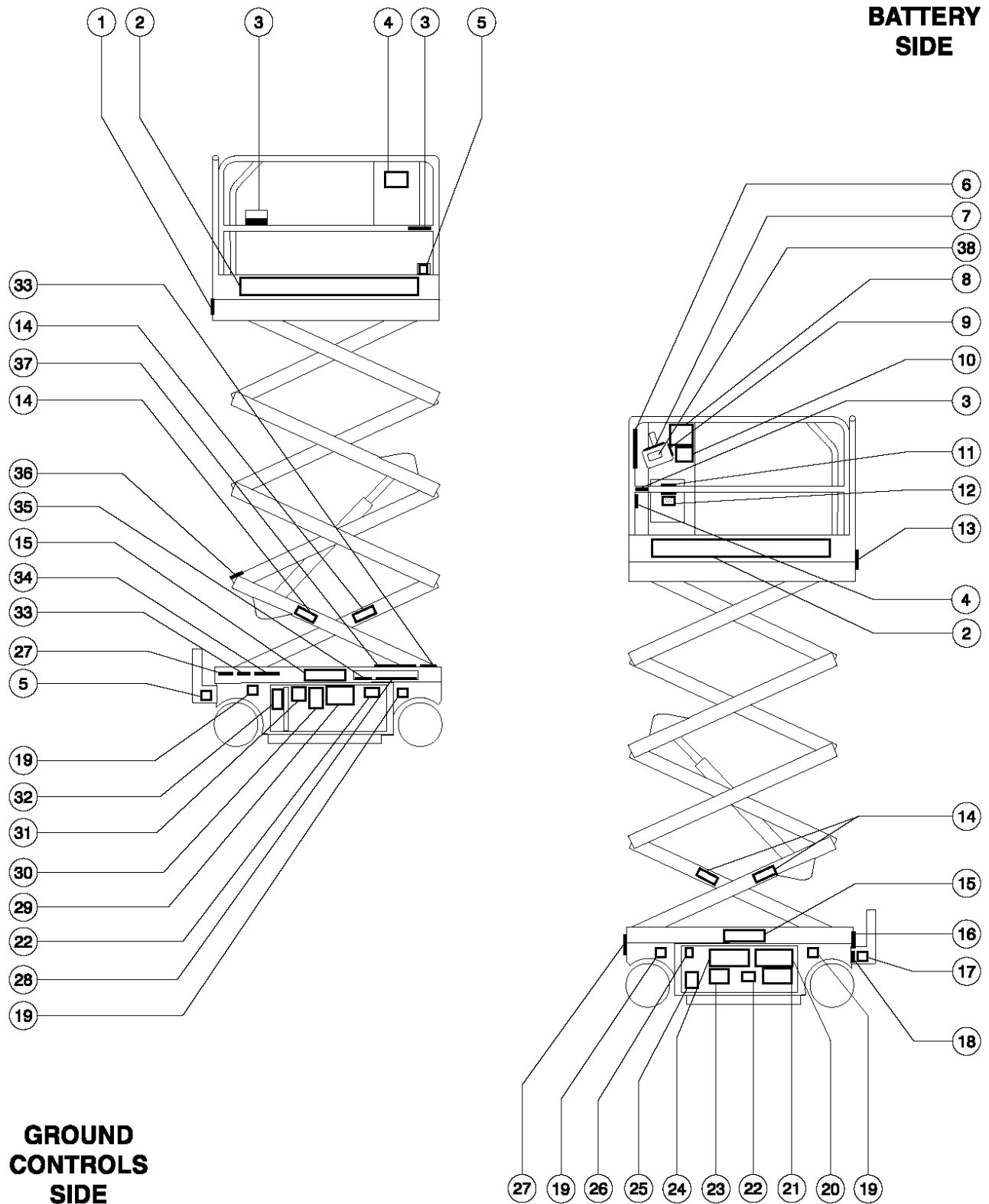
Item	Part No.	Description	Qty.
A	214873GT	DECAL KIT,1530 COMP,ANSI/CSA (North American models)	
B	214875GT	DECAL KIT,1530 PLAT,ANSI/CSA (North American models)	
C	214876GT	DECAL KIT,1530 COMP,CE (European models)	
D	214877GT	DECAL KIT,1530 PLAT,CE (European models)	
E	214878GT	DECAL KIT, 1530 COMP, AUS (Australia models)	
F	214879GT	DECAL KIT, 1530 PLAT, AUS (Australia models)	
-	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
-	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
-	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
-	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	44253GT	DECAL,NOTICE,SIDE FORCE,ANSI** (ANSI, CSA) (448N)	1
1A	52060GT	DECAL-NOTICE,SIDE FORCE GS30CE (400N)	1
2	62053GT	DECAL,COSMETIC,GENIE GS-1530**	2
3	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
4	43618GT	DECAL,LABEL-DIRECTION ARROWS	2
5	28235GT	DECAL,POWER TO PLATFORM 115V	2
5A	28174GT	DECAL,POWER TO PLATFORM 230V	2
6	43091GT	DECAL,DANGER,GENERAL SAFETY	1
7		Ref. Label - Platform Control Box (refer to Figure 102.1)	1
8	43090GT	DECAL,NOTICE, OPER INST, PCP	1
9	46238GT	DECAL,NOTICE,ERROR LIGHT	1
10	44736GT	DECAL,DANGER,TIP-OVER,TILT	1
11	28236GT	DECAL,WARN,IMPROPER OPERATION	1
12	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
13	43092GT	DECAL,NOTICE,MAX CAP 600 ANSI* GS-1530 (ANSI, CSA) (272 kg)	1
13A	52062GT	DECAL,NOTICE,MAX CAP 600 CE/AU GS-1530 (272 kg)	1
14	44255GT	DECAL,DANGER,CRUSHING HAZARD	4
15	43696GT	DECAL,DANGER,ELEC HAZARD,GS	2

101.1 Decals and Paint, GS-1530



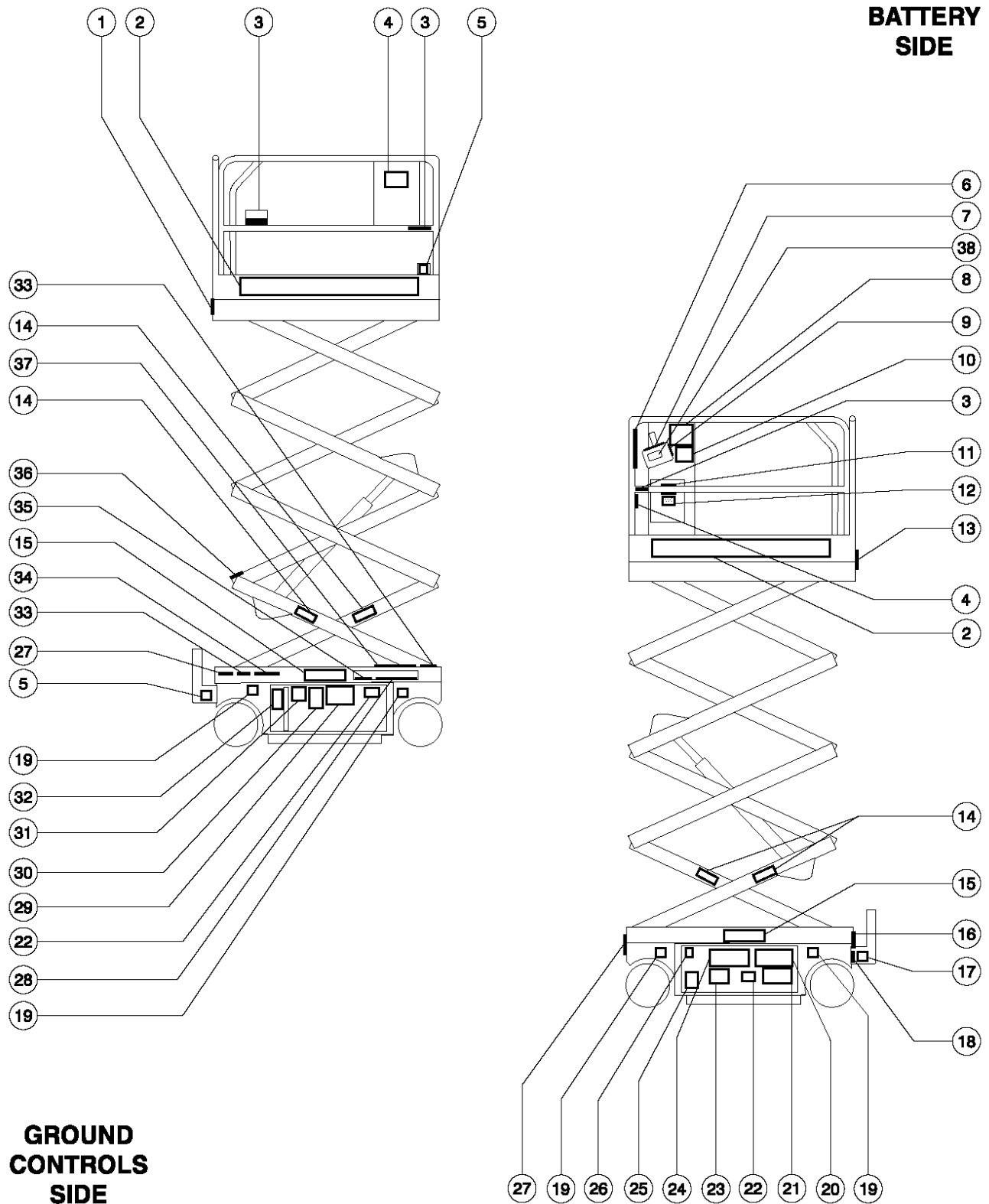
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
16	44220GT	DECAL,DANGER,BRAKE REL SAFETY*	1
17	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
17A	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
18	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
19	43093GT	DECAL,LABEL,TIRE SPECS	4
20	72970GT	DECAL,INSTRUCTIONS-CHARGER OP	1
21	43616GT	DECAL,NOTICE,BATTERY CONNECT	1
22	44737GT	DECAL,DANGER,TIP-OVER,TRAYS	2
23	43617GT	DECAL,DANGER,TIP-OVER,BATTERY	1
24	46262GT	DECAL,DANGER,BATTERY SAFETY	1
25	65052GT	DECAL,LABEL,FAULT CODES	1
		(from SN 17408)	
26	44753GT	DECAL, LABEL, LED READOUT	1
27	28161GT	DECAL,WARN,CRUSH HAZARD HAND	2
28	82448GT	DECAL, GROUND CONTROL PANEL	1
29	28175GT	DECAL,WARNING-COMPART ACCESS	1
30	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
31	28171GT	DECAL,DANGER,NO SMOKING ***	1
32	44994GT	DECAL,LABEL,DEXRON/FLUID LEVEL	1
32A	82368GT	DECAL,LABEL,RYKON/FLUID LEVEL	1
33	31060GT	DECAL,DANGER DO NOT ALTER SWTC	2
34	96472GT	SERIAL # LABEL,SCISSORS*****	1
35	43619GT	DECAL,LABEL,SAFETY ARM	1
36	37145GT	DECAL, MANUAL LOWERING VALVE	1
37	43089GT	DECAL,INSTRUCTIONS-OPER,GCP	1
38	65057GT	DECAL, LABEL, GS30/32	1
		(to SN 17407)	
38A	52864GT	DECAL,JOYSTICK CONTROLLER	1
		(from SN 17408)	

101.2 Decals and Paint, GS-1930



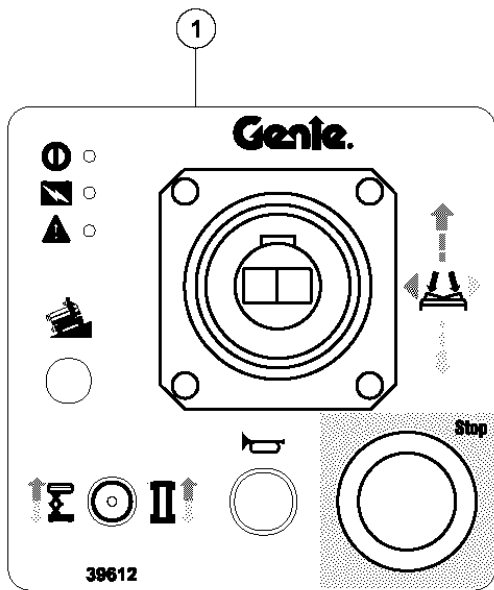
Item	Part No.	Description	Qty.
G	214880GT	DECAL KIT, 1930 COMP, ANSI/CSA (North American models)	
H	214881GT	DECAL KIT, 1930 PLAT, ANSI/CSA (North American models)	
I	214882GT	DECAL KIT, 1930 COMP, CE (European models)	
J	214883GT	DECAL KIT, 1930 PLAT, CE (European models)	
K	214884GT	DECAL KIT, 1930 COMP, AUS (Australia models)	
L	214885GT	DECAL KIT, 1930 PLAT, AUS (Australia models)	
M	214886GT	DECAL KIT, 1932 COMP, AUS (Australia models)	
N	214887GT	DECAL KIT, 1932 PLAT, AUS (Australia models)	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	44253GT	DECAL, NOTICE, SIDE FORCE, ANSI** (ANSI, CSA) (100 lbs, 448N)	1
1A	52060GT	DECAL-NOTICE, SIDE FORCE GS30CE (90 lbs, 400N)	1
2A	62054GT	DECAL, COSMETIC, GENIE GS-1930**	2
3	40434GT	DECAL, LANYARD ANCHORAGE POINT	3
4	43618GT	DECAL, LABEL-DIRECTION ARROWS	2
5	28235GT	DECAL, POWER TO PLATFORM 115V	2
5A	28174GT	DECAL, POWER TO PLATFORM 230V	2
6	43091GT	DECAL, DANGER, GENERAL SAFETY	1
7		Ref. Label - Platform Control Box (refer to Figure 102.1)	1
8	43090GT	DECAL, NOTICE, OPER INST, PCP	1
9	46238GT	DECAL, NOTICE, ERROR LIGHT	1
10	44736GT	DECAL, DANGER, TIP-OVER, TILT	1
11	28236GT	DECAL, WARN, IMPROPER OPERATION	1
12	28176GT	DECAL, LABEL, MANUAL NOT HERE (located inside manual storage box)	1
13B	44254GT	DECAL, NOTICE, MAX CAP 500 ANSI* GS-1930 (ANSI, CSA) (227 kg)	1
13C	52061GT	DECAL, NOTICE, MAX CAP 500 CE/AU GS-1930 (227 kg)	1

101.2 Decals and Paint, GS-1930

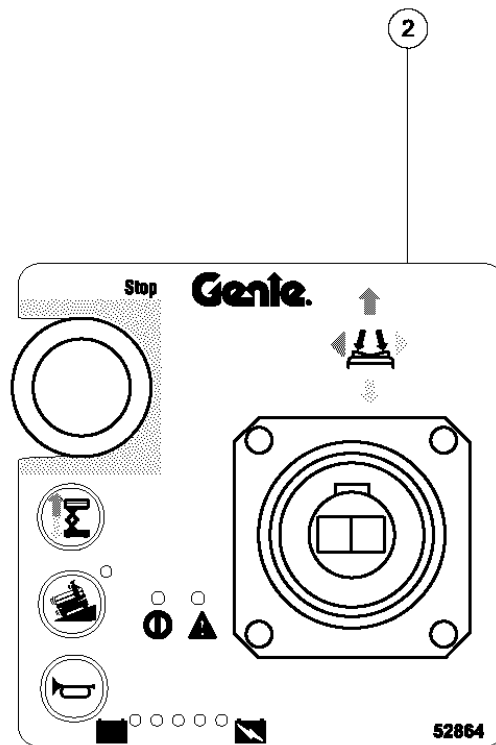


<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
14	44255GT	DECAL,DANGER,CRUSHING HAZARD	4
15	43696GT	DECAL,DANGER,ELEC HAZARD,GS	2
16	44220GT	DECAL,DANGER,BRAKE REL SAFETY*	1
17	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
17A	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
18	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
19	43093GT	DECAL,LABEL,TIRE SPECS	4
20	72970GT	DECAL,INSTRUCTIONS-CHARGER OP	1
21	43616GT	DECAL,NOTICE,BATTERY CONNECT	1
22	44737GT	DECAL,DANGER,TIP-OVER,TRAYS	2
23	43617GT	DECAL,DANGER,TIP-OVER,BATTERY	1
24	46262GT	DECAL,DANGER,BATTERY SAFETY	1
25	65052GT	DECAL,LABEL,FAULT CODES	1
		(from SN 17408)	
26	44753GT	DECAL, LABEL, LED READOUT	1
27	28161GT	DECAL,WARN,CRUSH HAZARD HAND	2
28	82448GT	DECAL, GROUND CONTROL PANEL	1
29	28175GT	DECAL,WARNING-COMPART ACCESS	1
30	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
31	28171GT	DECAL,DANGER,NO SMOKING ***	1
32	44994GT	DECAL,LABEL,DEXRON/FLUID LEVEL	1
32A	82368GT	DECAL,LABEL,RYKON/FLUID LEVEL	1
33	31060GT	DECAL,DANGER DO NOT ALTER SWTC	2
34	96472GT	SERIAL # LABEL,SCISSORS*****	1
35	43619GT	DECAL,LABEL,SAFETY ARM	1
36	37145GT	DECAL, MANUAL LOWERING VALVE	1
37	43089GT	DECAL,INSTRUCTIONS-OPER,GCP	1
38	65057GT	DECAL, LABEL, GS30/32	1
		(to SN 17407)	
38A	52864GT	DECAL,JOYSTICK CONTROLLER	1
		(from SN 17408)	

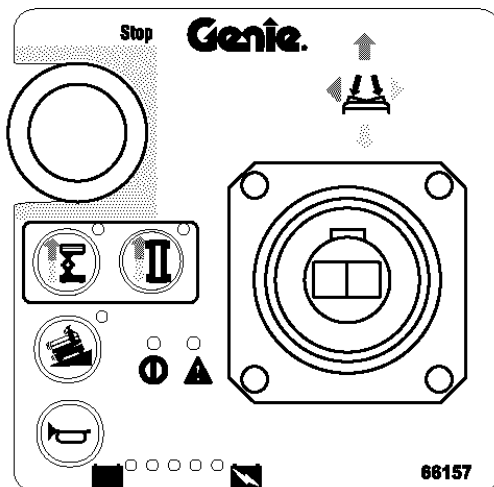
102.1 Platform Control Box Decals



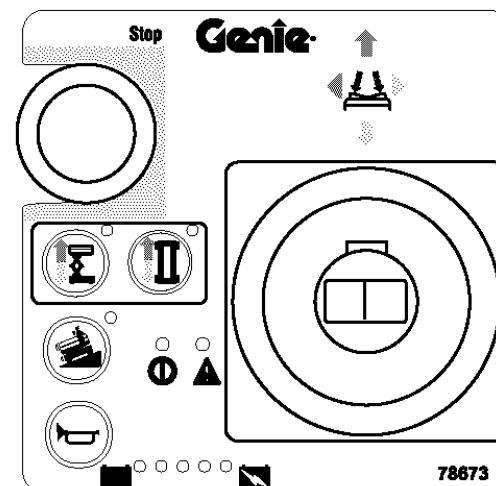
Gen I
Emergency Stop button in lower right corner



Gen II
One function select button (lift) AND
Emergency Stop button in upper left corner



Gen III
Two function select buttons (lift and drive) AND
Emergency Stop button in upper left corner AND
Joystick secured from outside box



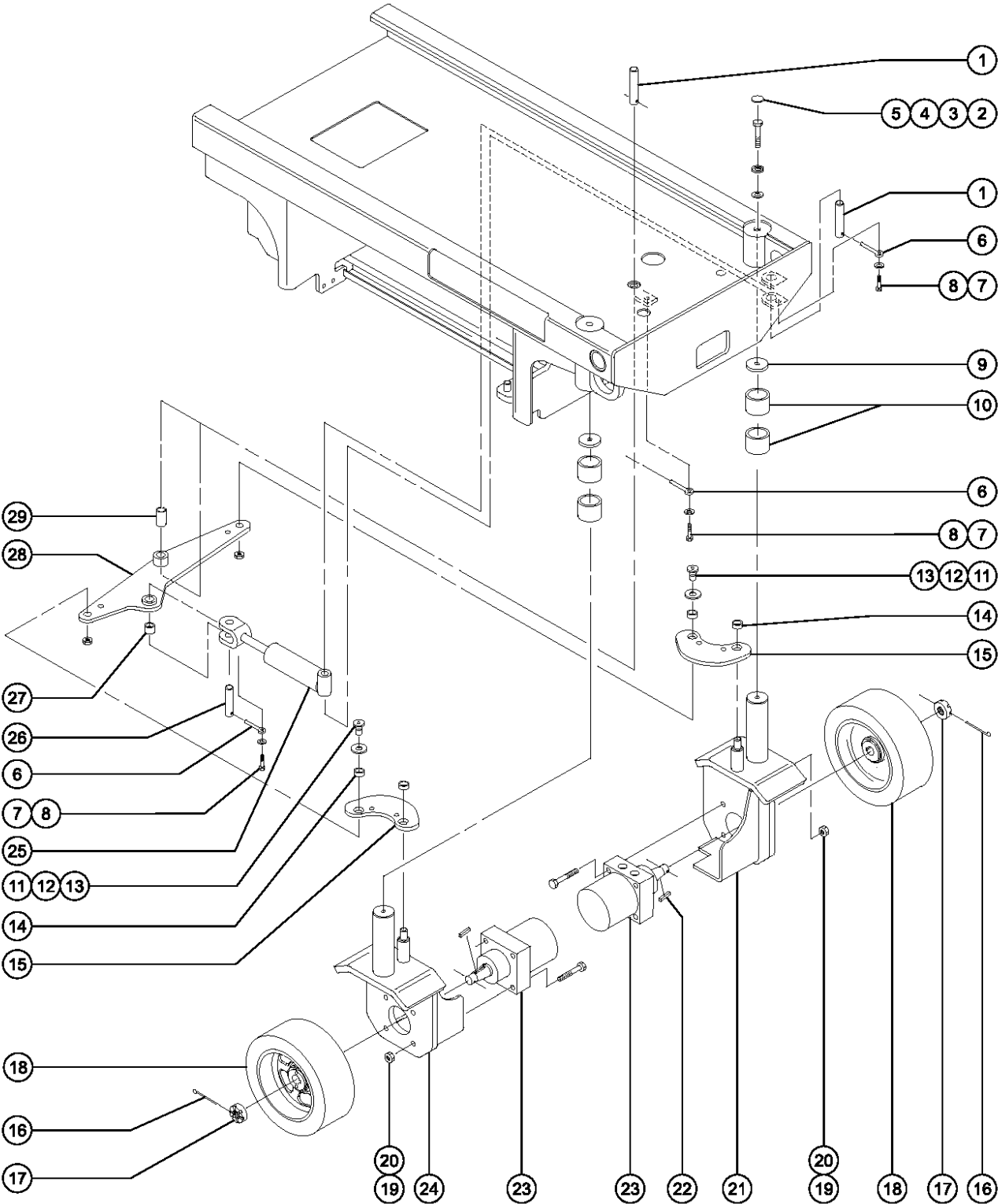
Gen IV
Two function select buttons (lift and drive) AND
Emergency Stop button in upper left corner AND
large joystick base secured from inside box

102.1 Platform Control Box Decals

Item	Part No.	Description	Qty.
1	39612GT	DECAL,JOYSTICK** (Gen 1)	1
2	52864GT	DECAL,JOYSTICK CONTROLLER (Gen 2)	1
3	66157GT	OVERLAY,PLAT CONTROLLER SLAB (Gen 3)	1
4	78673GT	OVERLAY, PLAT CONTRL BOX,GEN4~ (Gen 4)	1



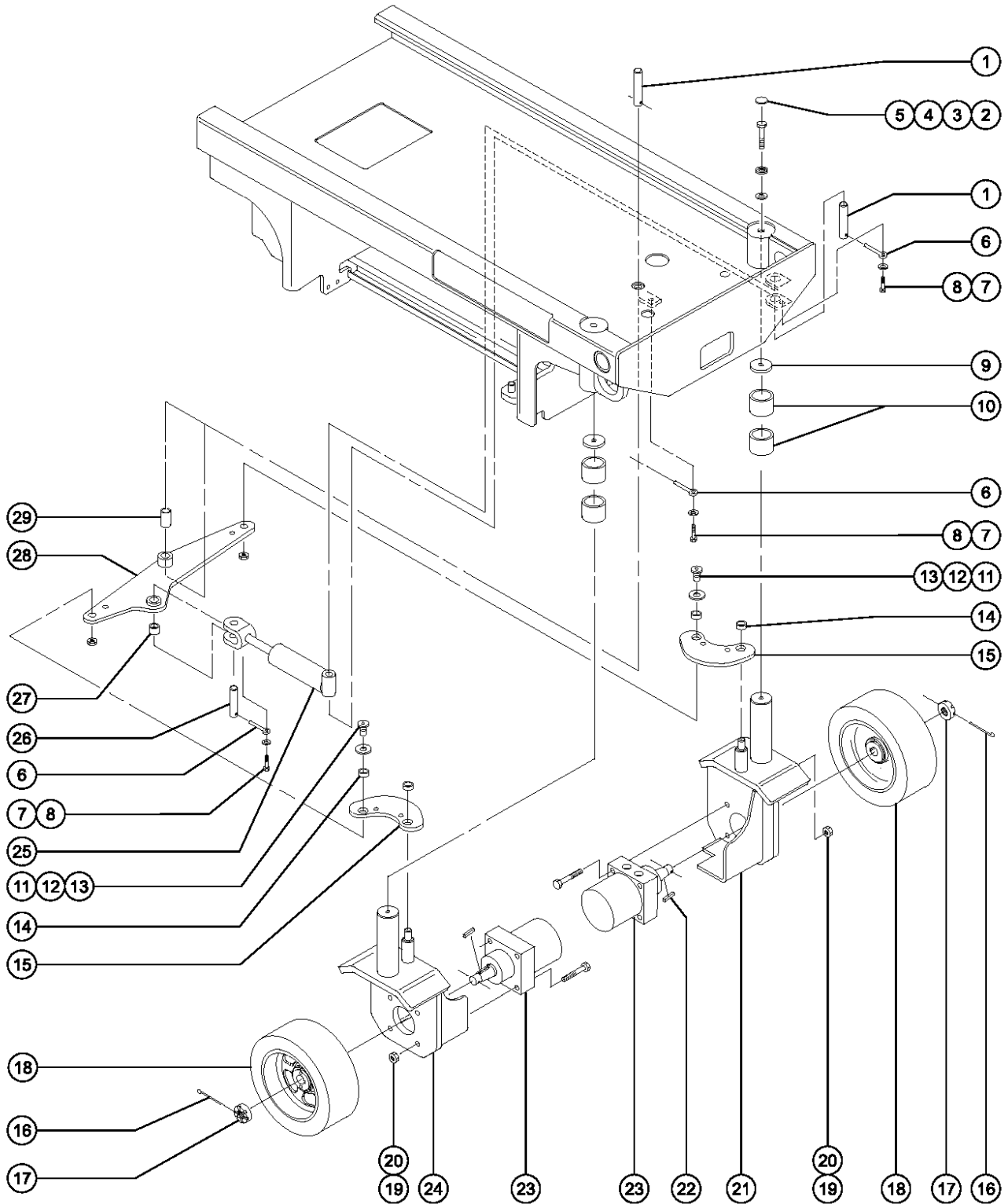
201.1 Steer Axle Linkage and Wheels (to serial number 1999)



201.1 Steer Axle Linkage and Wheels (to serial number 1999)

Item	Part No.	Description	Qty.
	78068GT	STEERING,SRV KIT,GS1530/1930 * steering update kit that includes bellcrank, steer links, bearings/bushings, pins, rods, and hardware needed to fully replace steering components	
1	39250GT	PIN,0.75DIAX4.28LG,CHAMFER	2
2	47189GT	CAP,FINISHING,BLACK	2
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
4	47190GT	WASHER,FINISHING CAP	2
5	6097GT	WASHER, FLAT, USS, 3/8", Y	2
6	825020GT	ROD END, .25 X 2.75, ZAG	3
7	6888GT	SCREW, HHC, 1/4-20 X 1	3
8	6356GT	WASHER, LOCK, .25	3
9	39240GT	WASHER,THRUST,.5 X 2.438 X .25	2
10	18722GT	BEARING,2.25IDX2.50ODX1.50L***	4
11	47255GT	BOLT,SHORT SHOULDER	2
12	47520GT	WASHER,THRUST .75 X 1.25 X .06	2
13	38028GT	NUT,LP NYLOCK,5/8-11	2
14	39580GT	BEARING,0.75IDX1.00ODX0.38L	4
15	44251GT	STEER LNK ASSY.W/BRGS,GS1519 (includes 2 each item 14)	2
16	42079GT	PIN,COTTER,.156 X 2.5	2
17	44780GT	NUT,CASTLE,1.125-18 UNEF	2
18	105122GT	WHEEL & TIRE ASSY,LP,12"*****	2
19	6198GT	NUT, NYLOCK, 1/2-13	8
20	39479GT	SCREW,HHC,1/2-13 X 2.75	8
21	55989-SGT	WELDMNT STEERYOKE LH 30 (battery side)	1
22	44781GT	KEY,RECTANGULAR,.31X.28X1.25"*	2
23	78221GT	SRVCE KIT,DRIVE MOTOR,GS30*** (to SN 45340) (includes drive motor and connector)	2
23-	44782GT	SEAL KIT,DR MTR.GS15/19,Z20***	2
23-	44783GT	BEARING,DRIVE MOTOR GS15/19	2
24	55990-SGT	WLDMNT,STEERYOKE,RIGHT,PAINT**	1
25	39038GT	CYLINDER,GS STEER	1

201.1 Steer Axle Linkage and Wheels (to serial number 1999)

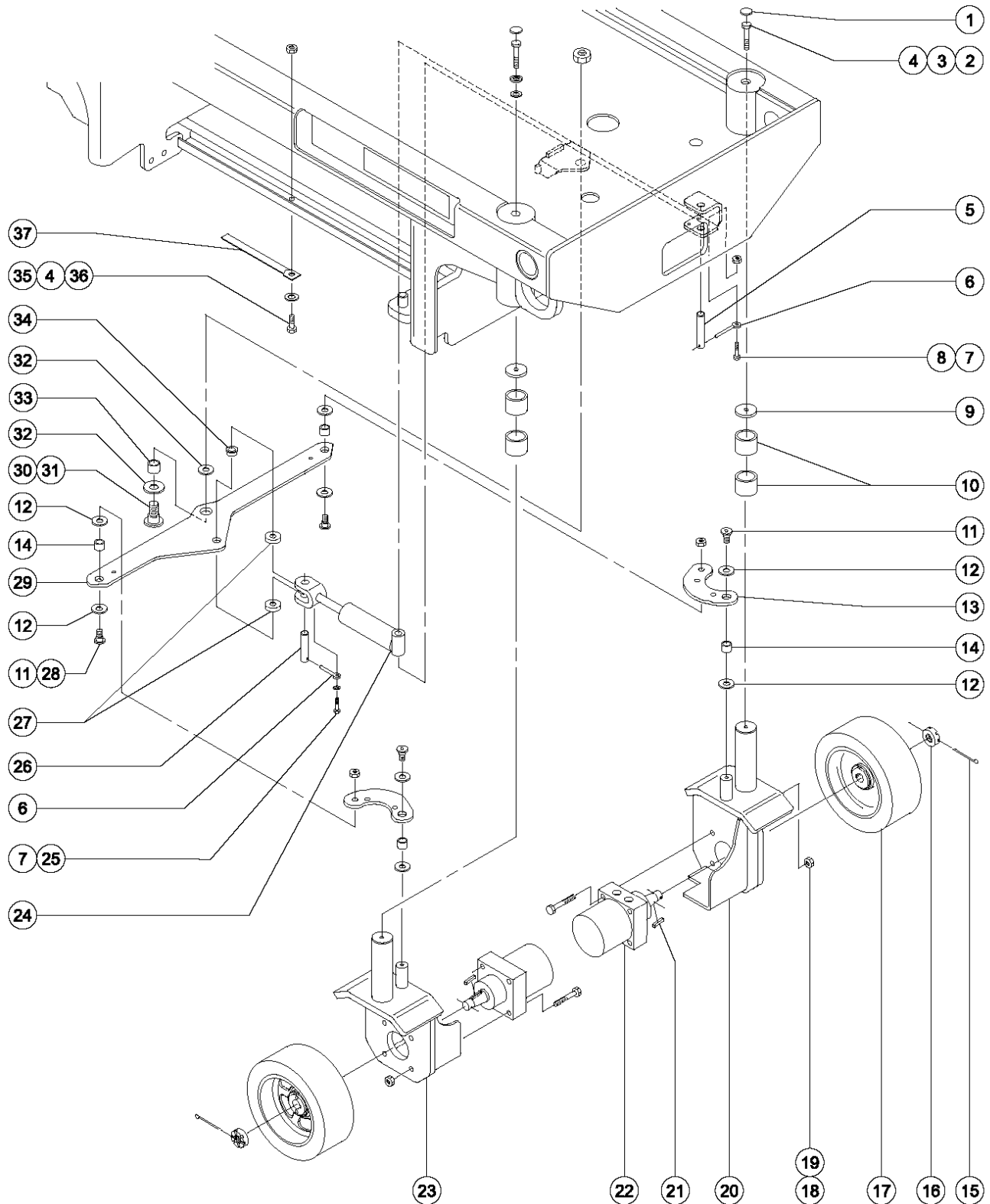


201.1 Steer Axle Linkage and Wheels (to serial number 1999)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
25	44250GT	SEAL KIT-FOR P.N.39038(SCISRS)	1
26	39586GT	PIN,0.75DIAX2.75LG,CHAMFER	1
27	39582GT	BEARING,.75IDX1.00	1
28	44252GT	BELLCRNK STEER W/BRGS.GS1519	1
		(includes items 11, 12, 13, 27 and 29)	
29	39288GT	BEARING,.75ID X 1"OD X 2.0"LG	1



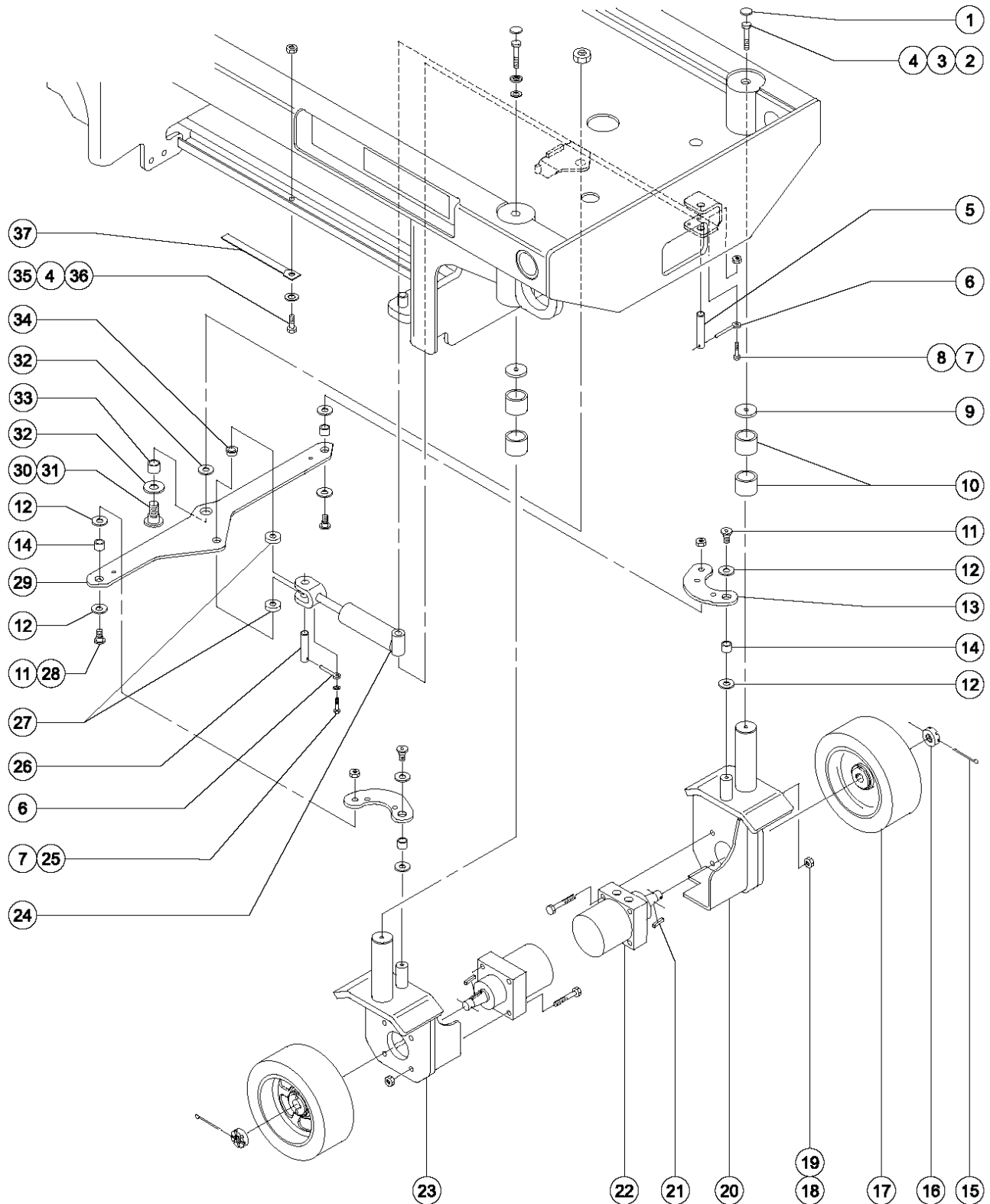
201.2 Steer Axle Linkage and Wheels (from serial number 2000 to 25899)



201.2 Steer Axle Linkage and Wheels (from serial number 2000 to 25899)

Item	Part No.	Description	Qty.
-	78068GT	STEERING,SRV KIT,GS1530/1930 * (from SN 2000 to 25899) (includes heavy-duty bellcrank and steer links, and all pins and fasteners)	1
1	47189GT	CAP,FINISHING,BLACK	2
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
3	47190GT	WASHER,FINISHING CAP	2
4	6097GT	WASHER, FLAT, USS, 3/8", Y	3
5	39250GT	PIN,0.75DIA X 4.28LG,CHAMFER	1
6	825020GT	ROD END, .25 X 2.75, ZAG	2
7	6888GT	SCREW, HHC, 1/4-20 X 1	2
8	6889GT	NUT,LP NYLOCK,1/4-20	1
9	39240GT	WASHER,THRUST,.5 X 2.438 X .25	2
10	18722GT	BEARING,2.25ID X 2.50OD X 1.50L ***	4
11	47255GT	BOLT,SHORT SHOULDER	4
12	47520GT	WASHER,THRUST .75 X 1.25 X .06	8
13	48673GT	STEER LNK ASSY.W/BRGS,GS1519** left and right sides (from SN 2000 to 25899)	2
13A	78072GT	SRV KIT,GS30 STEER LINK ASSY,L left (from SN 2000 to 25899) for use ONLY after installation of 78068 steering service kit, above	1
13A	78073GT	SRV KIT,GS30 STEER LINK ASSY,R right (from SN 2000 to 25899) for use ONLY after installation of 78068 steering service kit, above	1
14	39580GT	BEARING,0.75ID X 1.00OD X 0.38L	4
15	42079GT	PIN,COTTER,.156 X 2.5	2
16	44780GT	NUT,CASTLE,1.125-18 UNEF	2
17	105122GT	WHEEL & TIRE ASSY,LP,12"*****	2
18	6198GT	NUT, NYLOCK, 1/2-13	8
19	39479GT	SCREW,HHC,1/2-13 X 2.75	8
20	55989-SGT	WELDMNT STEERYOKE LH 30 (battery side)	1
21	44781GT	KEY,RECTANGULAR,.31X.28X1.25***	2
22	78221GT	SRV KIT,DRIVE MOTOR,GS30*** (to SN 25899) (includes drive motor and connector)	2
22-	44782GT	SEAL KIT,DR MTR.GS15/19,Z20***	2
23	55990-SGT	WELDMNT,STEERYOKE,RIGHT,PAINT** (ground controls side)	1

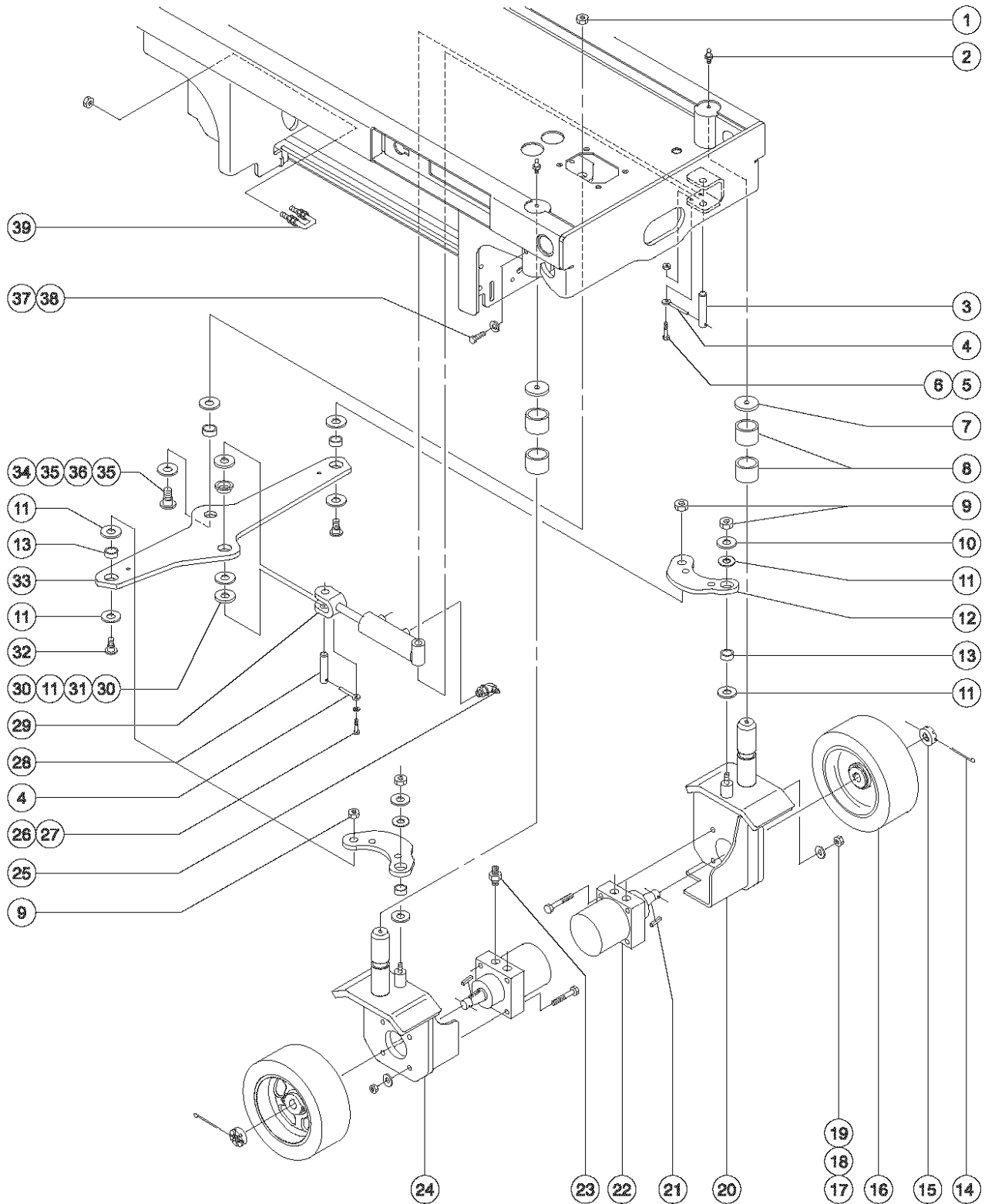
201.2 Steer Axle Linkage and Wheels (from serial number 2000 to 25899)



201.2 Steer Axle Linkage and Wheels (from serial number 2000 to 25899)

Item	Part No.	Description	Qty.
24	39038GT	CYLINDER,GS STEER	1
24-	44250GT	SEAL KIT-FOR P.N.39038(SCISRS)	1
25	6356GT	WASHER, LOCK, .25	1
26	39586GT	PIN,0.75DIA X 2.75LG,CHAMFER	1
27	55355GT	SPACER,.75ID X 1.5OD X 1/4THK	2
28	38028GT	NUT,LP NYLOCK,5/8-11	2
29	52628GT	BELLCRANK STEER W/BRGS.GS30*** (includes item 14 and items 33 and 34)	1
29A	78071GT	BELLCRANK ASSY,SERV KIT GS30 (from SN 2000 to 25899) for use ONLY after installation of 78068 steering service kit,	1
30	47464GT	BOLT, WIDE SHOULDER	1
31	8538GT	NUT,LP NYLOCK,3/4-10	1
32	47521GT	WASHER,THRUST 1 X 1.75 X .058	2
33	47462GT	BEARING,1.0ID X 1.25OD X .38LG	1
34	47548GT	BEARING,FLANGE,0.75ID X 1.00OD X 0.49L	1
35	6175GT	SCREW,HHC,3/8-16 X 1	1
36	4828GT	NUT, NYLOCK, 3/8-16	1
37	96317GT	GROUND STRAP,12"LG*** (12 inches) (30.48 cm)	1

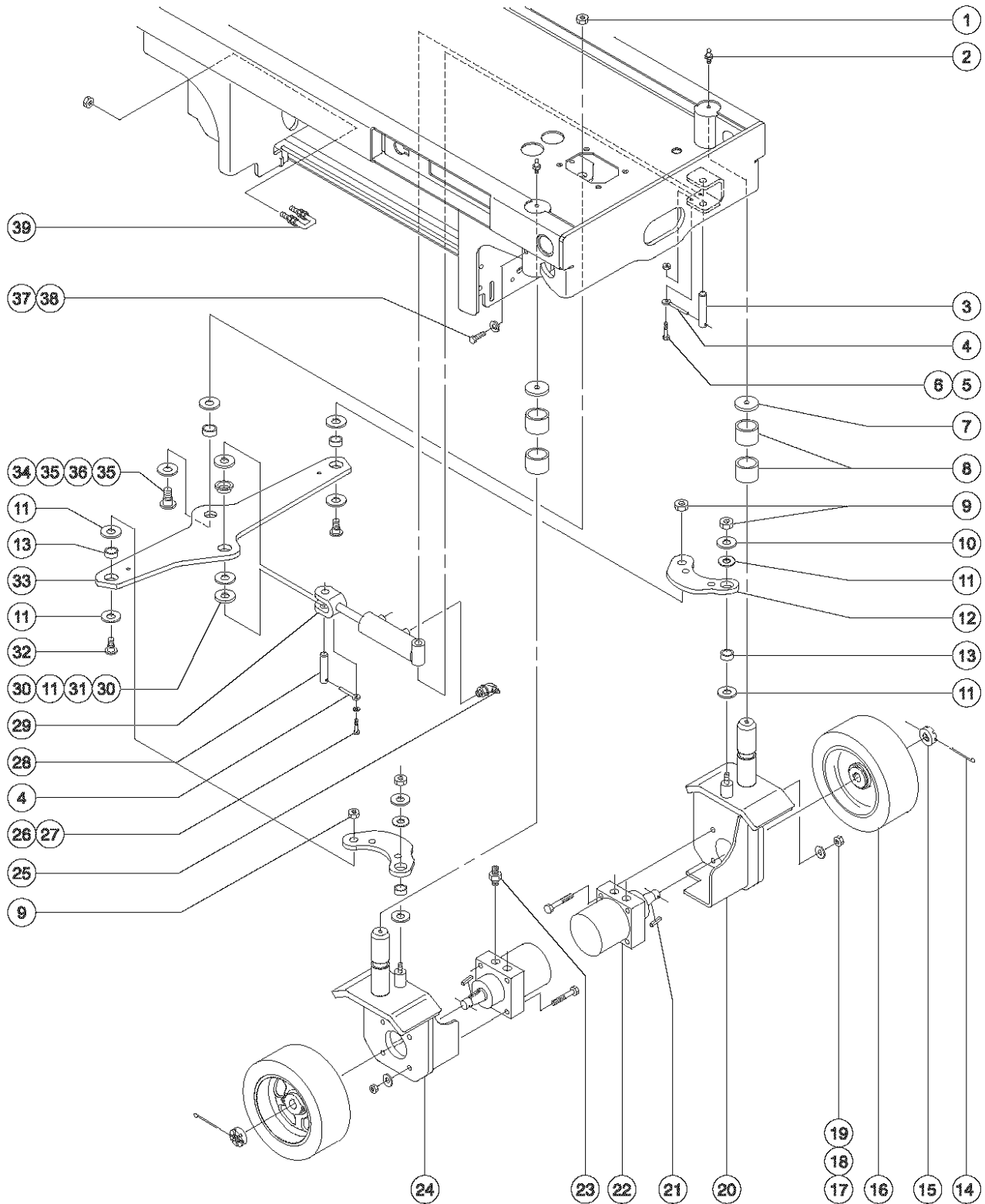
201.3 Steer Axle Linkage and Wheels (from serial number 25900 to 35799)



201.3 Steer Axle Linkage and Wheels (from serial number 25900 to 35799)

Item	Part No.	Description	Qty.
-	78068GT	STEERING,SRV KIT,GS1530/1930 * (from SN 25900 to 35799) (includes heavy-duty bellcrank and steer links, and all pins and fasteners)	
1	8538GT	NUT,LP NYLOCK,3/4-10	1
2	55953GT	ZERK-GREASE,1/4-28, STRAIGHT	2
3	39250GT	PIN,0.75DIAX4.28LG,CHAMFER	1
4	825020GT	ROD END, .25 X 2.75, ZAG	2
5	6888GT	SCREW, HHC, 1/4-20 X 1	2
6	6889GT	NUT,LP NYLOCK,1/4-20	1
7	39240GT	WASHER,THRUST,.5 X 2.438 X .25	2
8	18722GT	BEARING,2.25IDX2.50ODX1.50L *** (5.72 x 6.35 x 3.81 cm)	4
9	38028GT	NUT,LP NYLOCK,5/8-11	4
10	6035GT	WASHER,FLAT,USS,5/8",Y	2
11	47520GT	WASHER,THRUST .75 X 1.25 X .06	8
12	52629GT	STEER LNK W/BRGS,GS30 left and right sides (includes item 13)	2
12	78072GT	SRV KIT,GS30 STEER LINK ASSY,L left (from SN 25900 to 35799) for use ONLY after installation of 78068 steering service kit, above	1
12	78073GT	SRV KIT,GS30 STEER LINK ASSY,R right (from SN 25900 to 35799) for use ONLY after installation of 78068 steering service kit, above	1
13	39580GT	BEARING,0.75IDX1.00ODX0.38L	4
14	42079GT	PIN,COTTER,.156 X 2.5	2
15	44780GT	NUT,CASTLE,1.125-18 UNEF	2
16	105122GT	WHEEL & TIRE ASSY,LP,12"***** (non-marking) (12 inches)	2
17	6198GT	NUT, NYLOCK, 1/2-13	8
18	6095GT	WASHER,FLAT,USS,1/2",Y	8
19	8357GT	SCREW, HHC, 1/2-13 X 3.5	8
20	55989-SGT	WELDMENT STEERYOKE LH 30 (battery side)	1
21	44781GT	KEY,RECTANGULAR,.31X.28X1.25*** (0.79 x 0.71 x 3.18 cm)	2
22	78221GT	SRVICE KIT,DRIVE MOTOR,GS30*** (includes drive motor and connector)	2
22-	44782GT	SEAL KIT,DR MTR.GS15/19,Z20***	2
23		Ref. Fitting - Connector (refer to Figure 213.1)	2

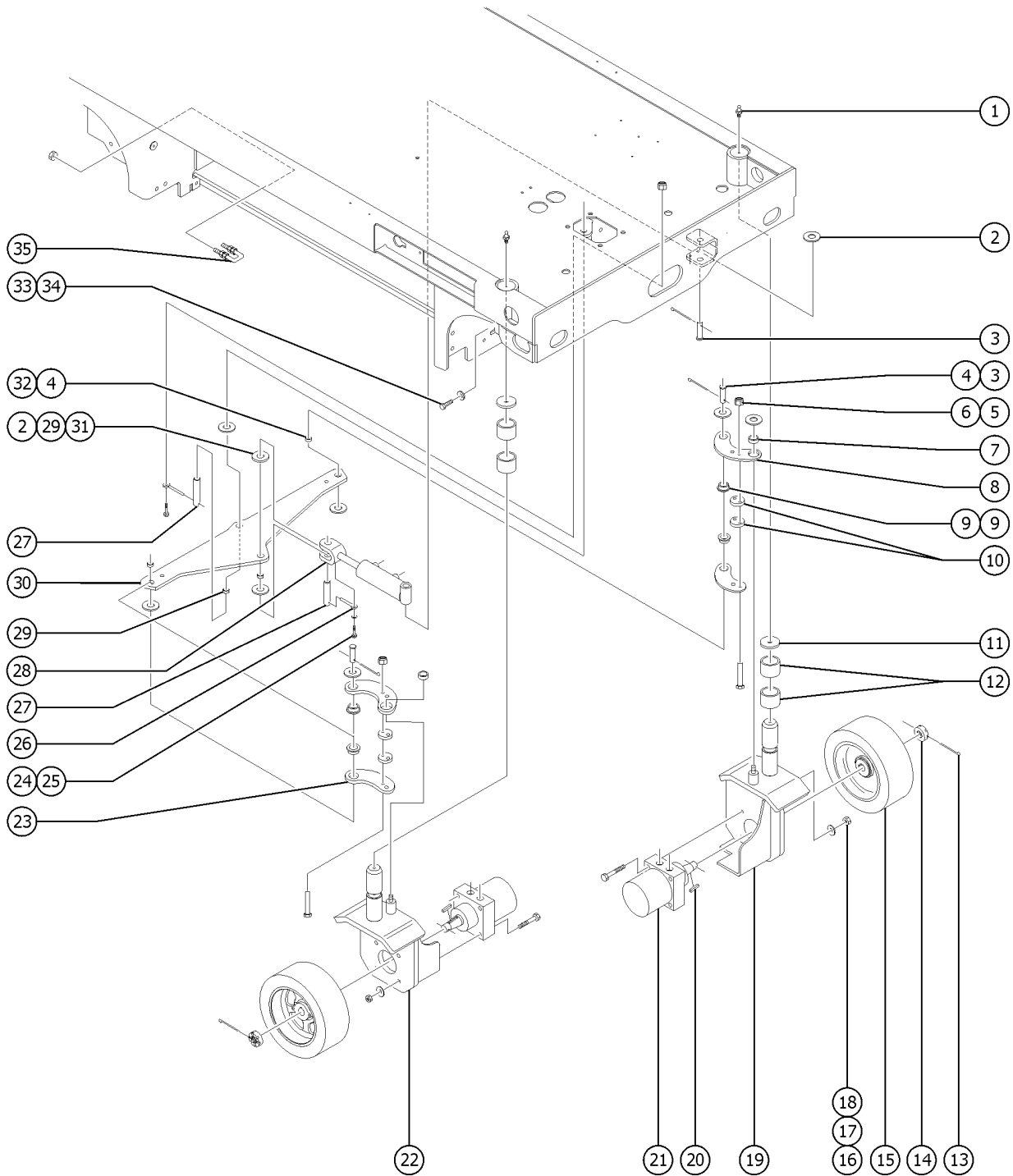
201.3 Steer Axle Linkage and Wheels (from serial number 25900 to 35799)



201.3 Steer Axle Linkage and Wheels (from serial number 25900 to 35799)

Item	Part No.	Description	Qty.
24	55990-SGT	WLDMNT,STEERYOKE,RIGHT,PAINT** (ground controls side)	1
25		Ref. Fitting - Elbow (refer to 213.1)	1
26	6090GT	SCREW, HHC, 1/4-20 X .75	1
27	6356GT	WASHER, LOCK, .25	1
28	39586GT	PIN,0.75DIA X 2.75LG,CHAMFER (2.66 x 0.75 inch) (6.76 x 1.91 cm)	1
29	39038GT	CYLINDER,GS STEER	1
29-	44250GT	SEAL KIT-FOR P.N.39038(SCISRS)	1
30	55355GT	SPACER,.75ID X 1.5OD X 1/4THK	2
31	47548GT	BEARING,FLANGE,0.75ID X 1.00OD X 0.49L (0.75 x 1 x 0.38 inch) (1.91 x 2.54 x 0.97 cm)	1
32	47255GT	BOLT,SHORT SHOULDER	2
33	52628GT	BELLCRANK STEER W/BRGS.GS30*** (includes item 13 and items 31 and 36)	1
33	78071GT	BELLCRANK ASSY,SERV KIT GS30 (from SN 25900 to 35799) for use ONLY after installation of 78068 steering service kit, above	1
34	47464GT	BOLT, WIDE SHOULDER	1
35	47521GT	WASHER,THRUST 1 X 1.75 X .058 (2.5 x 4.5 x 0.15 cm)	2
36	47462GT	BEARING,1.0ID X 1.25OD X .38LG (2.5 x 3.2 x 0.76 cm)	1
37	1259192GT	SCREW, YOKE LOCK, ZAG	
38	20912GT	WASHER,LOCK,.437,PLTD	4
39	65969GT	U-BOLT ASSY, HANDLE CATCH**	2
39-	6034GT	NUT,HEX,JAM,1/2-13	2

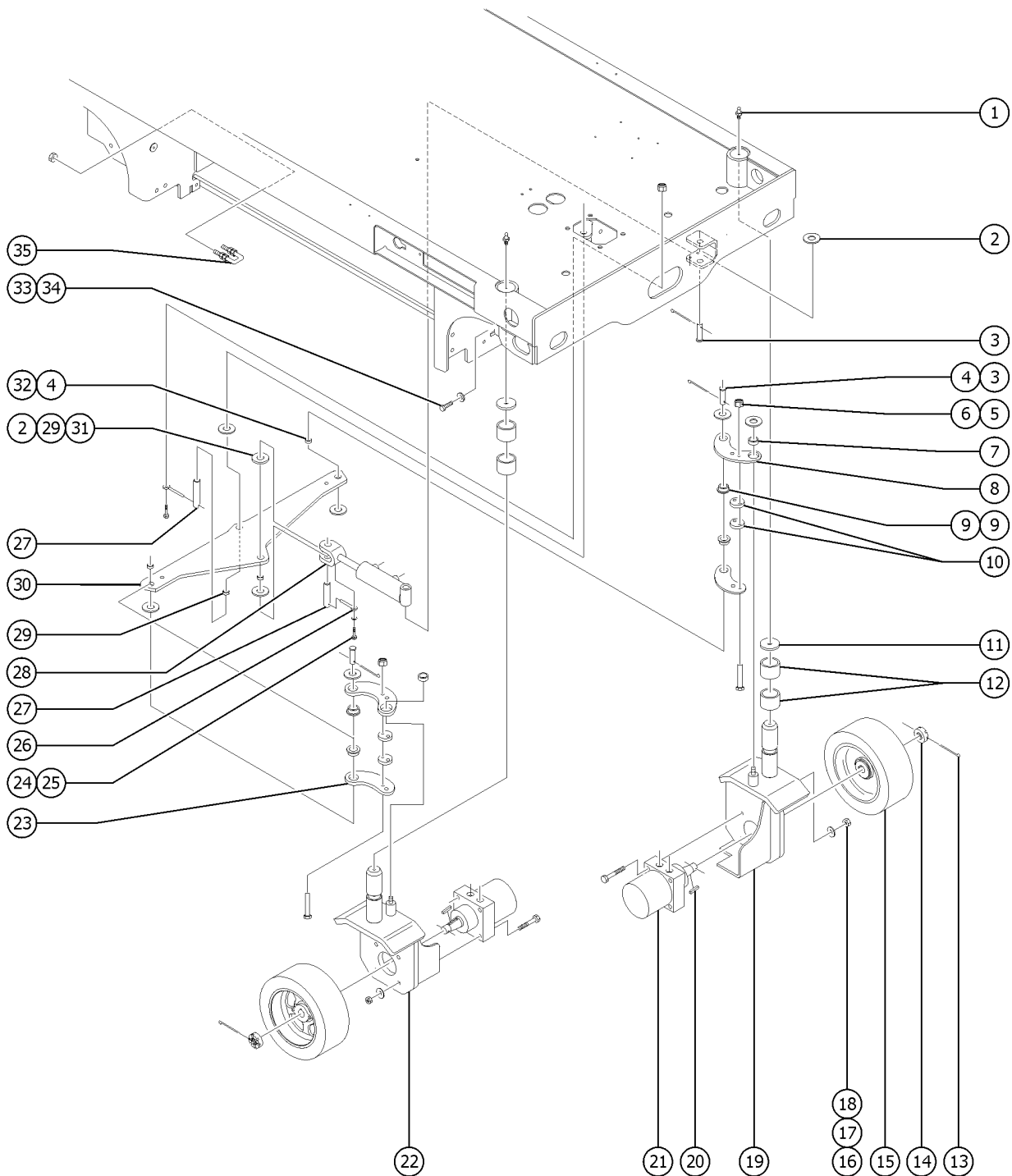
201.4 Steer Axle Linkage and Wheels (from serial number 35800 to 42999)



201.4 Steer Axle Linkage and Wheels (from serial number 35800 to 42999)

Item	Part No.	Description	Qty.
A	78068GT	STEERING,SRV KIT,GS1530/1930 * (from SN 35800 to 42999) (includes heavy-duty bellcrank and steer links, and all pins and fasteners)	
1	55953GT	ZERK-GREASE,1/4-28, STRAIGHT	2
2	55355GT	SPACER,.75ID X 1.5OD X 1/4THK	2
3	6545GT	PIN, CLEVIS, .75 X 2	2
4	47520GT	WASHER,THRUST .75 X 1.25 X .06	3
5	4828GT	NUT, NYLOCK, 3/8-16	4
6	5224GT	SCREW,HHC,3/8-16 X 2	4
7	39580GT	BEARING,0.75IDX1.00ODX0.38L	2
8	65976GT	PLATE,STEER LINK,LH,GS-30	2
		Top	
8B	78072GT	SRV KIT,GS30 STEER LINK ASSY,L (from SN 35800 to 42999) for use ONLY after installation of 78068 steering service kit, above	1
9	47548GT	BEARING,FLANGE,0.75IDX1.00ODX0.49L (0.75 x 1 x 0.38 inch) (1.91 x 2.54 x 0.97 cm)	4
10	66785GT	PLATE, STEER LINK, SPACER	4
11	39240GT	WASHER,THRUST,.5 X 2.438 X .25	2
12	18722GT	BEARING,2.25IDX2.50ODX1.50L *** (5.72 x 6.35 x 3.81 cm)	4
13	42079GT	PIN,COTTER,.156 X 2.5	2
14	44780GT	NUT,CASTLE,1.125-18 UNEF	2
15	105122GT	WHEEL & TIRE ASSY,LP,12"***** (non-marking)	2
16	6198GT	NUT, NYLOCK, 1/2-13	10
17	6095GT	WASHER,FLAT,USS,1/2",Y	8
18	8357GT	SCREW, HHC, 1/2-13 X 3.5	8
19	55989-SGT	WELDMNT STEERYOKE LH 30	1
		(battery side)	
20	44781GT	KEY,RECTANGULAR,.31X.28X1.25"* (0.79 x 0.71 x 3.18 cm)	2
21	78221GT	SRVICE KIT,DRIVE MOTOR,GS30*** (includes drive motor and connector)	2
21-	44782GT	SEAL KIT,DR MTR.GS15/19,Z20***	2
22	55990-SGT	WLDMNT,STEERYOKE,RIGHT,PAINT** (ground controls side)	1
23		PLATE,STEER LINK,RH,GS-30	2
		Bottom ; No longer available	
23B	78073GT	SRV KIT,GS30 STEER LINK ASSY,R (from SN 35800 to 42999) for use ONLY after installation of 78068 steering service kit, above	

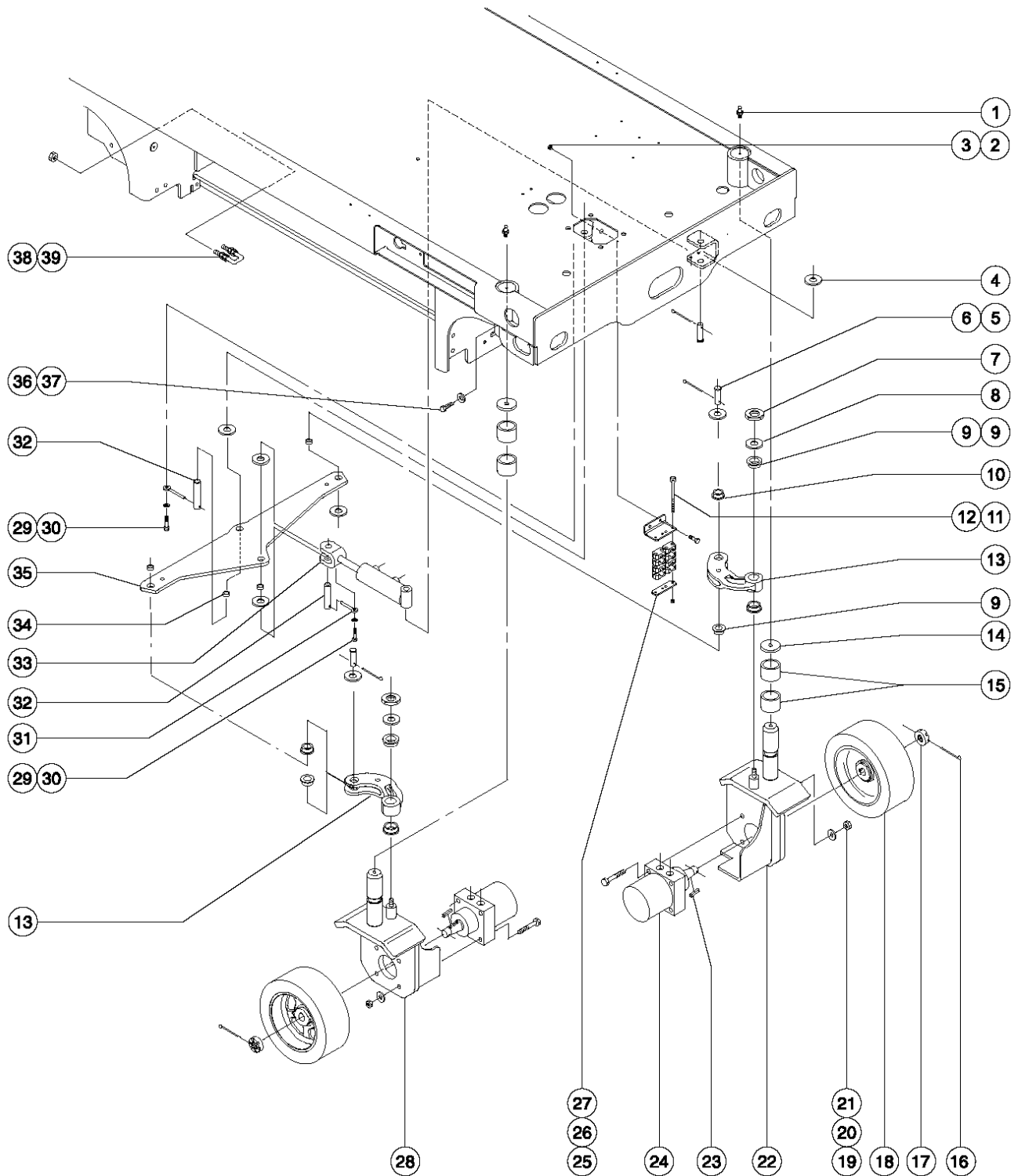
201.4 Steer Axle Linkage and Wheels (from serial number 35800 to 42999)



201.4 Steer Axle Linkage and Wheels (from serial number 35800 to 42999)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24	6090GT	SCREW, HHC, 1/4-20 X .75	1
25	6356GT	WASHER, LOCK, .25	1
26	825020GT	ROD END, .25 X 2.75, ZAG	2
27	39586GT	PIN,0.75DIA X 2.75LG, CHAMFER	1
28	39038GT	CYLINDER, GS STEER	1
28-	44250GT	SEAL KIT-FOR P.N.39038(SCISRS)	1
29	47547GT	BEARING, FL., .75IDX1.25ODX.5 L (1.91 x 2.54 x 1.27 cm)	2
30	78071GT	BELLCRANK ASSY, SERV KIT GS30 (includes items 29 and 32)	1
30B	78071GT	BELLCRANK ASSY, SERV KIT GS30 (from SN 35800 to 42999) for use ONLY after installation of 78068 steering service kit, above	
31	78055GT	SPACER, POTHOLE ACTUATOR	1
32	39581GT	BEARING, 0.75IDX1.00ODX0.50L (1.91 x 2.54 x 1.27 cm)	2
33	1259192GT	SCREW, YOKE LOCK, ZAG	
34	20912GT	WASHER, LOCK, .437, PLTD	4
35	65969GT	U-BOLT ASSY, HANDLE CATCH**	2
35-	6034GT	NUT, HEX, JAM, 1/2-13	2

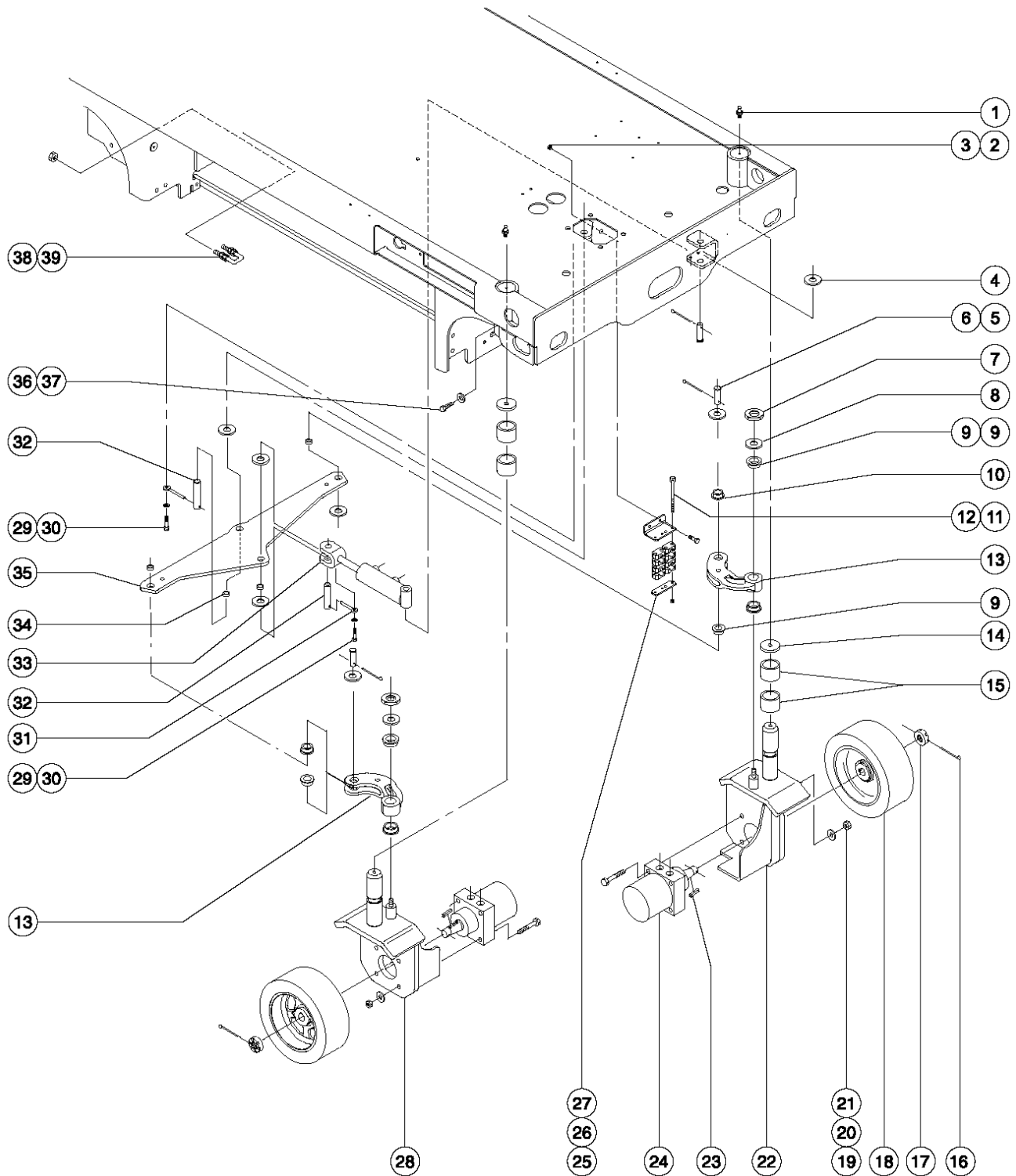
201.5 Steer Axle Linkage and Wheels (from serial number 43000 to 59999)



201.5 Steer Axle Linkage and Wheels (from serial number 43000 to 59999)

Item	Part No.	Description	Qty.
1	55953GT	ZERK-GREASE, 1/4-28, STRAIGHT	2
2	6019GT	SCREW, HHC, 3/8-16 X 1.25 GRD 5	2
3	4828GT	NUT, NYLOCK, 3/8-16	2
4	55355GT	SPACER, .75ID X 1.5OD X 1/4THK	2
5	6545GT	PIN, CLEVIS, .75 X 2	2
6	13635-10GT	PIN, COTTER, .156 X 1.75	3
7	38028GT	NUT, LP NYLOCK, 5/8-11	2
8	6035GT	WASHER, FLAT, USS, 5/8", Y	2
9	47946GT	BEARING, 1.00ID X 1.25OD X 0.49L (2.5 x 3.8 x 1 cm)	4
10	47548GT	BEARING, FLANGE, 0.75ID X 1.00OD X 0.49L (0.75 x 1.25 x 0.38 inch) (1.9 x 3.2 x 1.27 cm)	4
11	6884GT	SCREW, HHC, 1/4-20 X 2.5	4
12	6091GT	NUT, NYLOCK, 1/4-20	4
13A	78072GT	SRV KIT, GS30 STEER LINK ASSY, L left; from SN 43000 to 43765	1
13A	78073GT	SRV KIT, GS30 STEER LINK ASSY, R right; from SN 43000 to 43765	1
13B	97056GT	STEER LINK ASSEMBLY GS-30 from SN 43766; left and right sides (includes items 9 and 10)	2
14	39240GT	WASHER, THRUST, .5 X 2.438 X .25	2
15	18722GT	BEARING, 2.25ID X 2.50OD X 1.50L *** (5.72 x 6.35 x 3.81 cm)	4
16	42079GT	PIN, COTTER, .156 X 2.5	2
17	44780GT	NUT, CASTLE, 1.125-18 UNEF	2
18	105122GT	WHEEL & TIRE ASSY, LP, 12"***** (non-marking)	2
19	6198GT	NUT, NYLOCK, 1/2-13	8
20	6095GT	WASHER, FLAT, USS, 1/2", Y	8
21	39479GT	SCREW, HHC, 1/2-13 X 2.75	8
22	78042GT	WELDMENT, L STEER YOKE, GS30 (battery side)	1
22A	78308GT	WELDMENT, LEFT YOKE, NIKKEN (battery side)	
23	44781GT	KEY, RECTANGULAR, .31X.28X1.25** (0.79 x 0.71 x 3.18 cm)	2
24	78221GT	SRVICE KIT, DRIVE MOTOR, GS30*** (to SN 45340)	2
24-	44782GT	SEAL KIT, DR MTR. GS15/19, Z20*** (for 78221, 78209, 96388)	2

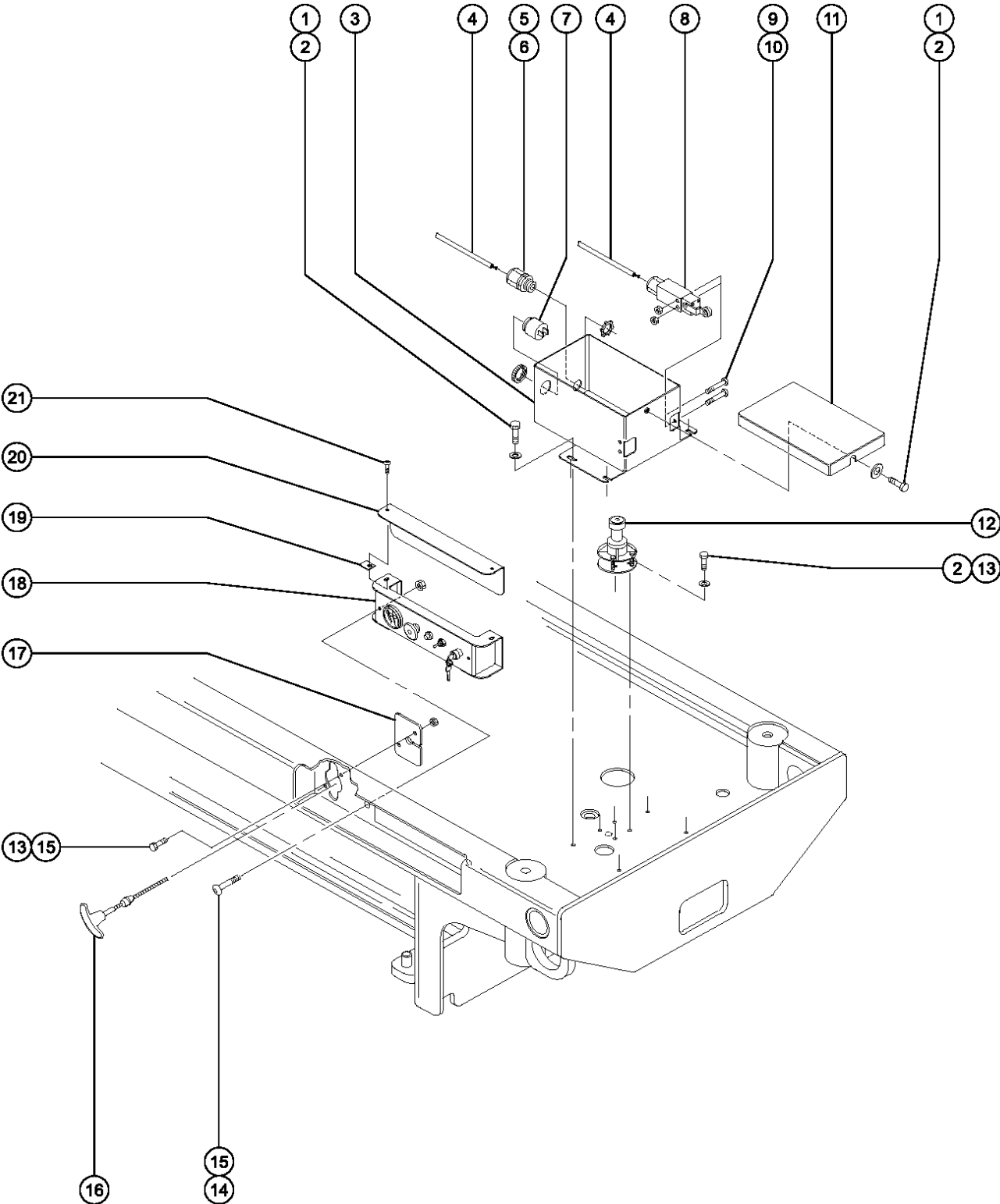
201.5 Steer Axle Linkage and Wheels (from serial number 43000 to 59999)



201.5 Steer Axle Linkage and Wheels (from serial number 43000 to 59999)

Item	Part No.	Description	Qty.
24-	44783GT	BEARING,DRIVE MOTOR GS15/19 (for 78221, 78209, 96388)	2
24A	78209GT	DRIVE MOTOR,12.4 CU IN/REV*** (from SN 45341 to 54239)	2
24A	227782GT	SNAP RING (55193) for 78209	2
24B	96388GT	MOTOR,HYDRAULIC,530,14.0CU.IN* (from SN 54240) (includes items 17 and 23)	2
25	66750GT	PLATE,HOSE ROUTING, BULKHEAD 	1
26	66829GT	TUBE, CLAMP, 3/8 (PAIR) 	8
27	66986GT	FORMING,HOSE ROUTING (to SN 53999)	1
27A	96197GT	FORMING,HOSE ROUTING,BULKHEAD (from SN 54000)	1
28	78043GT	WELDMENT, R STEER YOKE, GS30 (ground controls side)	1
28A	78307GT	WELDMENT,RIGHT YOKE,NIKKEN (ground controls side)	
29	6356GT	WASHER, LOCK, .25 	2
30	6888GT	SCREW, HHC, 1/4-20 X 1 	2
31	825020GT	ROD END, .25 X 2.75, ZAG 	2
32	39586GT	PIN,0.75DIA X 2.75LG,CHAMFER 	2
33	39038GT	CYLINDER,GS STEER 	1
33-	44250GT	SEAL KIT-FOR P.N.39038(SCISRS) 	1
34	39581GT	BEARING,0.75ID X 1.00OD X 0.50L (1.91 x 3.18 x 0.97 cm)	2
35	78071GT	BELLCRANK ASSY,SERV KIT GS30 (includes item 10 and item 34)	1
36	1259192GT	SCREW, YOKE LOCK, ZAG 	
37	20912GT	WASHER,LOCK,.437,PLTD 	4
38	66778GT	U-BOLT,SQ BEND, 1/2-13 	2
39	6198GT	NUT, NYLOCK, 1/2-13 	2

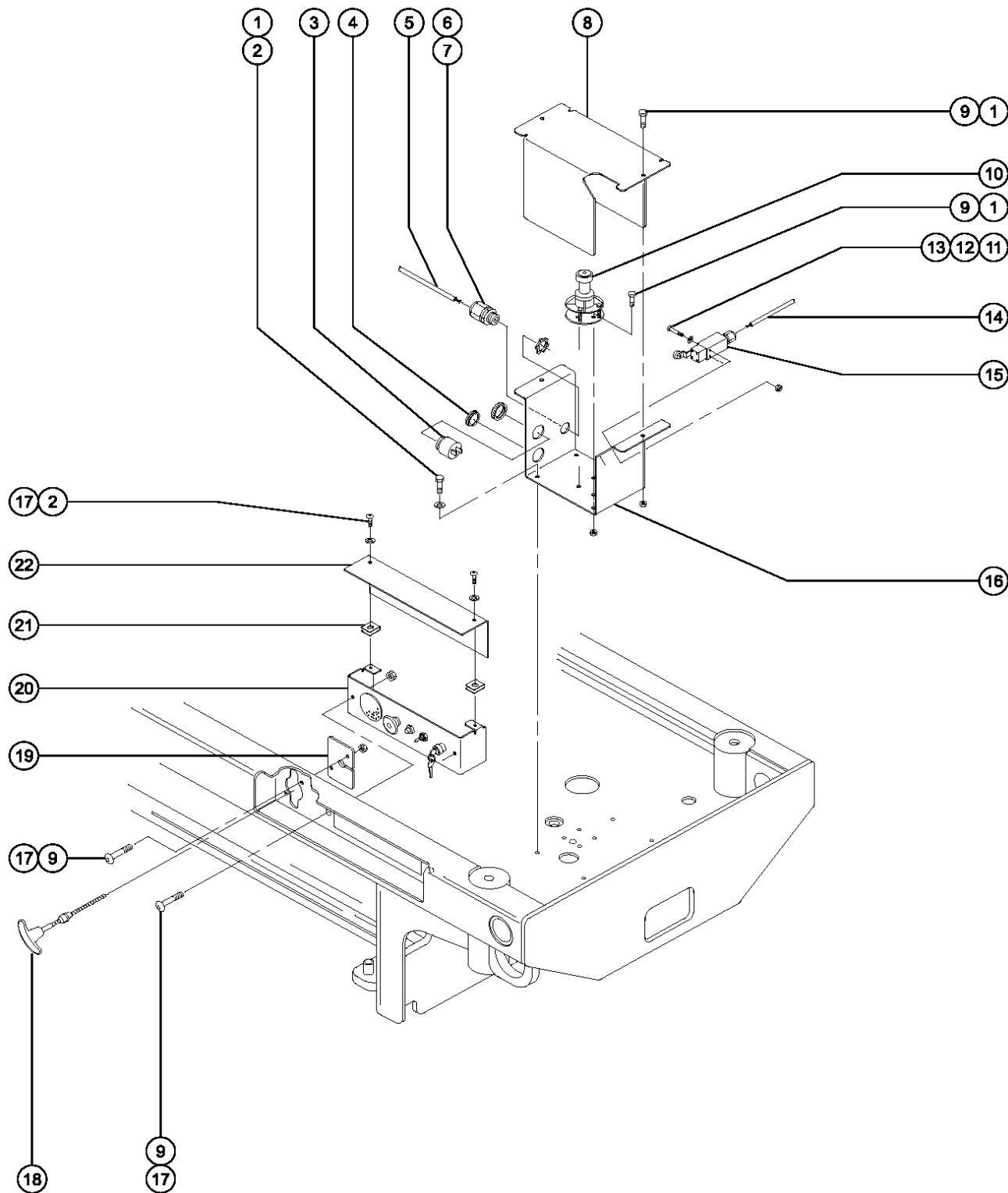
202.1 Ground Controls and Level Sensor Installation (to serial number 1999)



202.1 Ground Controls and Level Sensor Installation (to serial number 1999)

Item	Part No.	Description	Qty.
1	7339GT	SCREW,HHC,1/4-20 X .5	5
2	6356GT	WASHER, LOCK, .25	7
3	65299GT	ENCLOSURE-LVL SENSOR W/DECAL **	1
4		Ref. Wire Harness consult factory	1
5	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50, SM 12.7 mm	1
6	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT 12.7 mm	1
7	39540GT	ALARM, STEADY TONE*** does not include 72326 nut	1
7-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
7-	83140GT	ALARM WIRE HARNESS(66151)	1
8A	96948GT	SWITCH, LIMIT, W/ROLLER ARM*** roller arm	1
8B	88356-126R3GT	SWITCH,LIMIT,W/RLR HEAD 90DG** plunger style roller head	1
9	16487GT	SCREW,RHM,10-32 X 1.5	2
10	6178GT	NUT, NYLOCK, 10-32, SS	2
11	65299GT	ENCLOSURE-LVL SENSOR W/DECAL ** refer to 101.1 or 101.2 for list of decals	1
12	40836GT	LEVEL SENSOR,LS60,BLUE,2X4**	1
12-	23083-SGT	FUSE HOLDER,WATERPROOF	1
12-	27488GT	FUSE,1 AMP	1
13	66875GT	SCREW,SH.METAL, HHC,5/16 X 1/2	6
14	14297GT	SCREW,BHHS,1/4-20 X .75	2
15	6091GT	NUT, NYLOCK, 1/4-20	4
16	39232GT	CABLE,EMERGENCY DOWN includes mounting fasteners	1
17	47194PGT	PLATE,HANDLE MOUNTING-PAINTED	1
18		Ref. Ground Controls refer to Figure 211.1	1
19	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
20	66458GT	COVER,LOWER CONTROL PANEL *** for 1st time replacement on models before SN 2000, please also order p/n 65734 shown on 211.1	1
21	14297GT	SCREW,BHHS,1/4-20 X .75	2

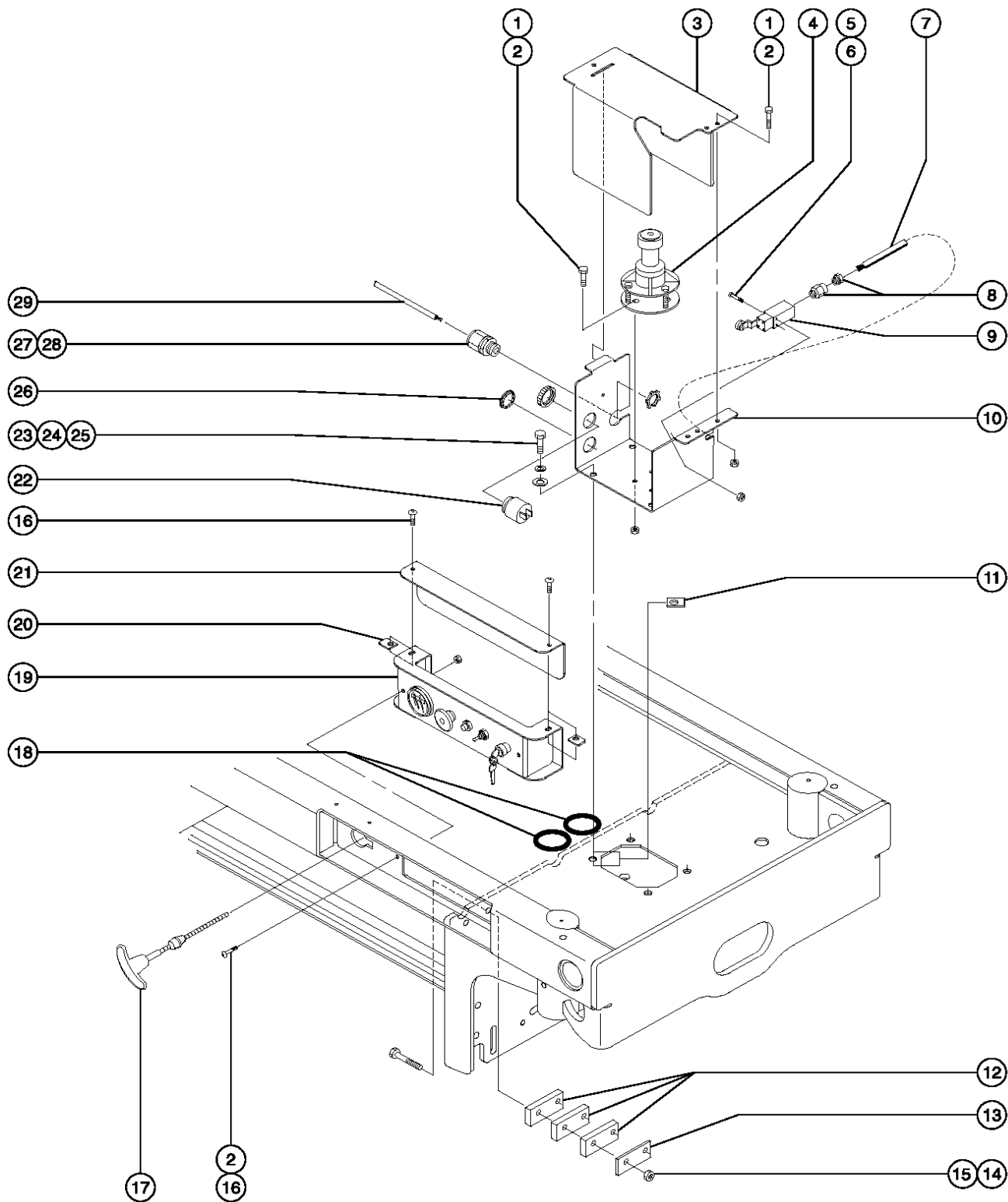
202.2 Ground Controls and Level Sensor Installation (from serial number 2000 to 18703)



202.2 Ground Controls and Level Sensor Installation (from serial number 2000 to 18703)

Item	Part No.	Description	Qty.
1	8914GT	SCREW, HHC, 1/4-20 X .625	10
2	6356GT	WASHER, LOCK, .25	6
3	39540GT	ALARM, STEADY TONE*** (does not include 72326 nut)	1
3-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
4	45385GT	PLUG,NYLON 1.12 BLACK DOMED (2.85 cm)	1
5	39907GT	WIRE CABLE, 18/2 SJO, BULK (25 cm)	1 feet
6	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
7	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
8	65299GT	ENCLOSURE-LVL SENSOR W/DECAL ** (refer to 101.1 or 102.1 for decal list)	1
9	6091GT	NUT, NYLOCK, 1/4-20	8
10	40836GT	LEVEL SENSOR,LS60,BLUE,2X4**	1
10-	23083-SGT	FUSE HOLDER,WATERPROOF	1
10-	27488GT	FUSE,1 AMP	1
11	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	2
12	6607GT	WASHER,LOCK,#10 PLTD	2
13	6178GT	NUT, NYLOCK, 10-32, SS	2
14	39907GT	WIRE CABLE, 18/2 SJO, BULK (2.85 m)	9. 33 feet
15	96948GT	SWITCH, LIMIT, W/ROLLER ARM***	1
15-	19491GT	CONTACTOR,LIMIT SWITCH	1
15-	97128GT	ROLLER ARM,LIMIT SWITCH***	1
16	47543-SGT	FORMING,LEVEL SENSOR-PAINTED (from SN 12655 to 18703)	1
17	14297GT	SCREW,BHHS,1/4-20 X .75	4
18	39232GT	CABLE,EMERGENCY DOWN (includes mounting fasteners)	1
19	47194PGT	PLATE,HANDLE MOUNTING-PAINTED	1
20		Ref. Ground Controls (refer to Figure 211.1)	1
21	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
22	66458GT	COVER,LOWER CONTROL PANEL ***	1

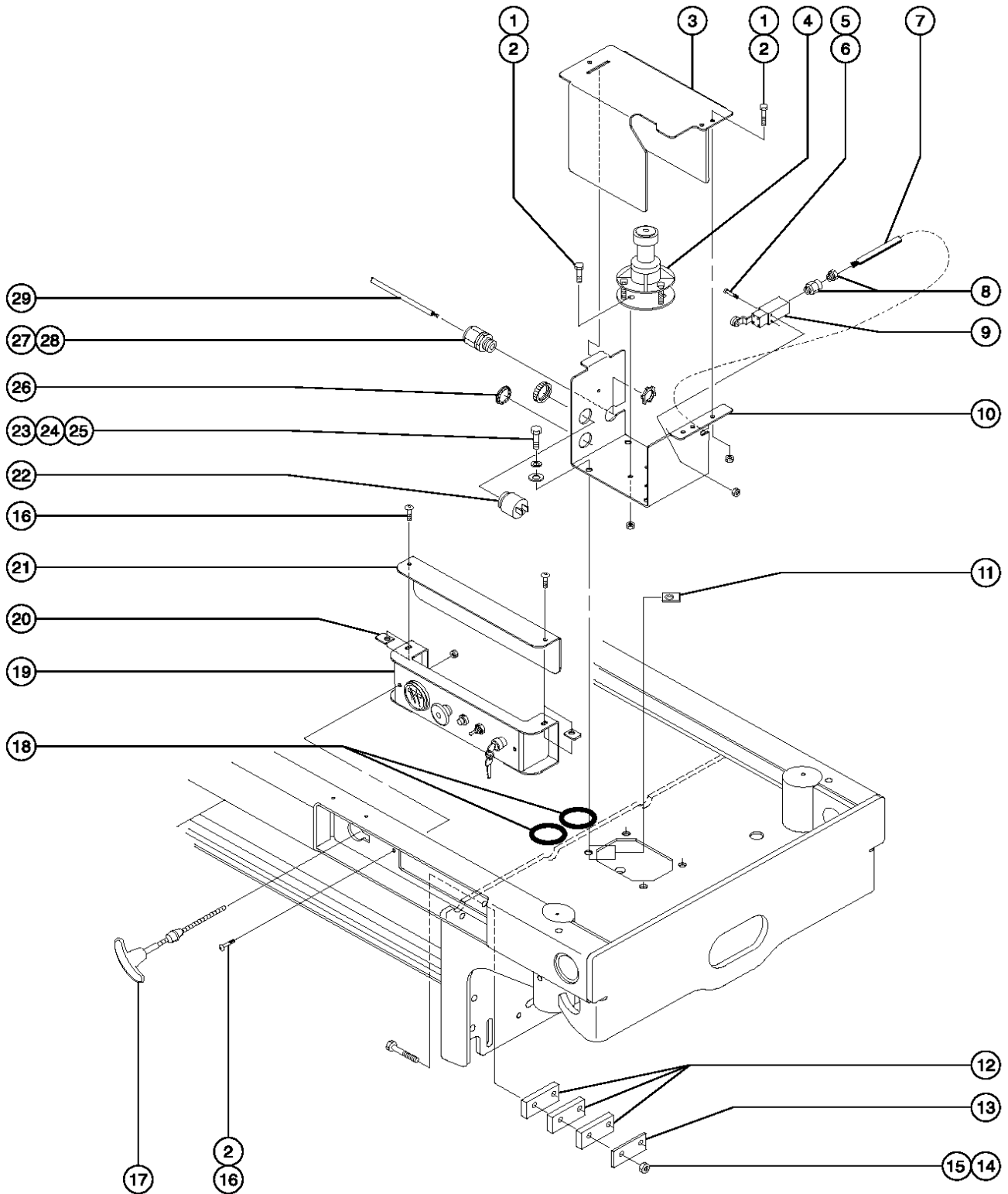
202.3 Ground Controls and Level Sensor Installation (from serial number 18704 to 35799), GS-1530



202.3 Ground Controls and Level Sensor Installation (from serial number 18704 to 35799), GS-1530

Item	Part No.	Description	Qty.
1	8914GT	SCREW, HHC, 1/4-20 X .625	5
2	6091GT	NUT, NYLOCK, 1/4-20	6
3	65299GT	ENCLOSURE-LVL SENSOR W/DECAL** (refer to figure 101.1 or 101.2 for list of decals)	1
4	40836GT	LEVEL SENSOR,LS60,BLUE,2X4** GS-1530 (ANSI, CSA, CE)	1
4A-	40836GT	LEVEL SENSOR,LS60,BLUE,2X4** GS-1530 (Australia) (to SN 24997)	1
4E	66428GT	LEVEL SENSOR,LS60 RED,1.5X4* GS-1530 (Australia) (from SN 24998)	1
4E-	23083-SGT	FUSE HOLDER,WATERPROOF GS-1530 (Australia) (from SN 24998)	1
4E-	27488GT	FUSE,1 AMP GS-1530 (Australia) (from SN 24998)	1
5	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	2
6	6178GT	NUT, NYLOCK, 10-32, SS	2
7	39907GT	WIRE CABLE, 18/2 SJO, BULK (0.821 mm ²)	1 feet
8	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM (12.7 mm)	1
9	96948GT	SWITCH, LIMIT, W/ROLLER ARM***	1
9-	19491GT	CONTACTOR,LIMIT SWITCH	1
10	55725GT	FORMING,LEVEL SENSOR ENCLOSURE	1
11	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
12	47514GT	PLATE,STEERING STOP MOUNT **	3
13	51145GT	WEAR PAD,3.5 X 1.88 X .25	1
14	7713GT	NUT, LP NYLOCK, 3/8-16	4
15	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
16	14297GT	SCREW,BHHS,1/4-20 X .75	4
17	39232GT	CABLE,EMERGENCY DOWN (includes mounting fasteners)	1
18	47232GT	GROMMET,RUBBER 2 X 2.75 (8.08 x 6.99 cm)	2
19		Ref. Ground Control Panel (refer to Figure 211.1)	2
20	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
21	66458GT	COVER,LOWER CONTROL PANEL ***	1
22	39540GT	ALARM, STEADY TONE*** (does not include 72326 nut)	1
22-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1

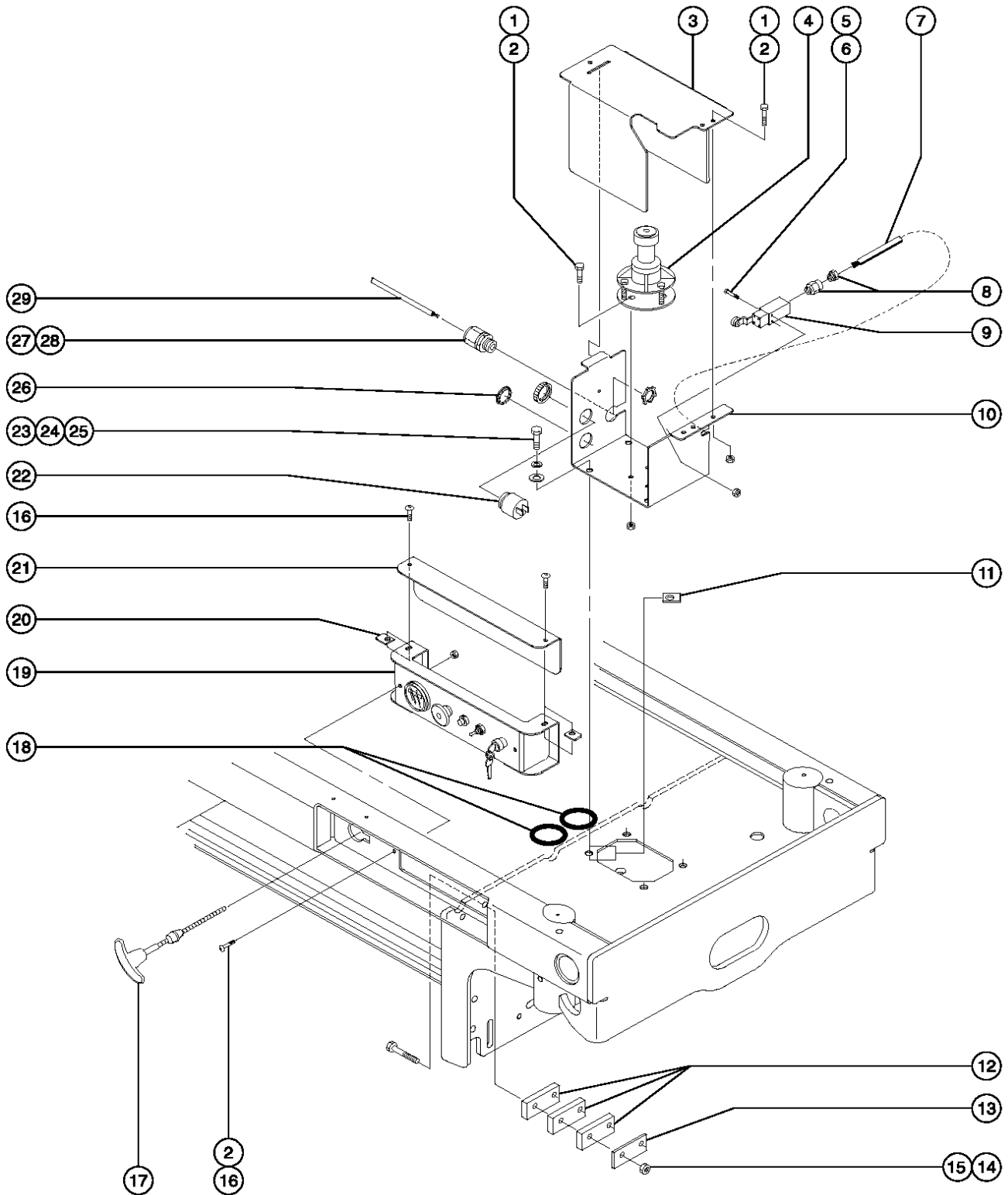
202.3 Ground Controls and Level Sensor Installation (from serial number 18704 to 35799), GS-1530



202.3 Ground Controls and Level Sensor Installation (from serial number 18704 to 35799), GS-1530

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
22-	83140GT	ALARM WIRE HARNESS(66151) (control box only)	1
23	6175GT	SCREW,HHC,3/8-16 X 1	4
24	6021GT	WASHER, LOCK, .375	4
25	6097GT	WASHER, FLAT, USS, 3/8", Y	4
26	45385GT	PLUG,NYLON 1.12 BLACK DOMED (2.8 cm)	1
27	12960GT	CABLE SQUEEZE CONN.,XTRA LRG (12.7 mm)	1
28	14041GT	LOCKNUT,ELECTRIC,3/4" (12.7 mm)	1
29	39907GT	WIRE CABLE, 18/2 SJO, BULK (0.821 mm ²)	1 feet

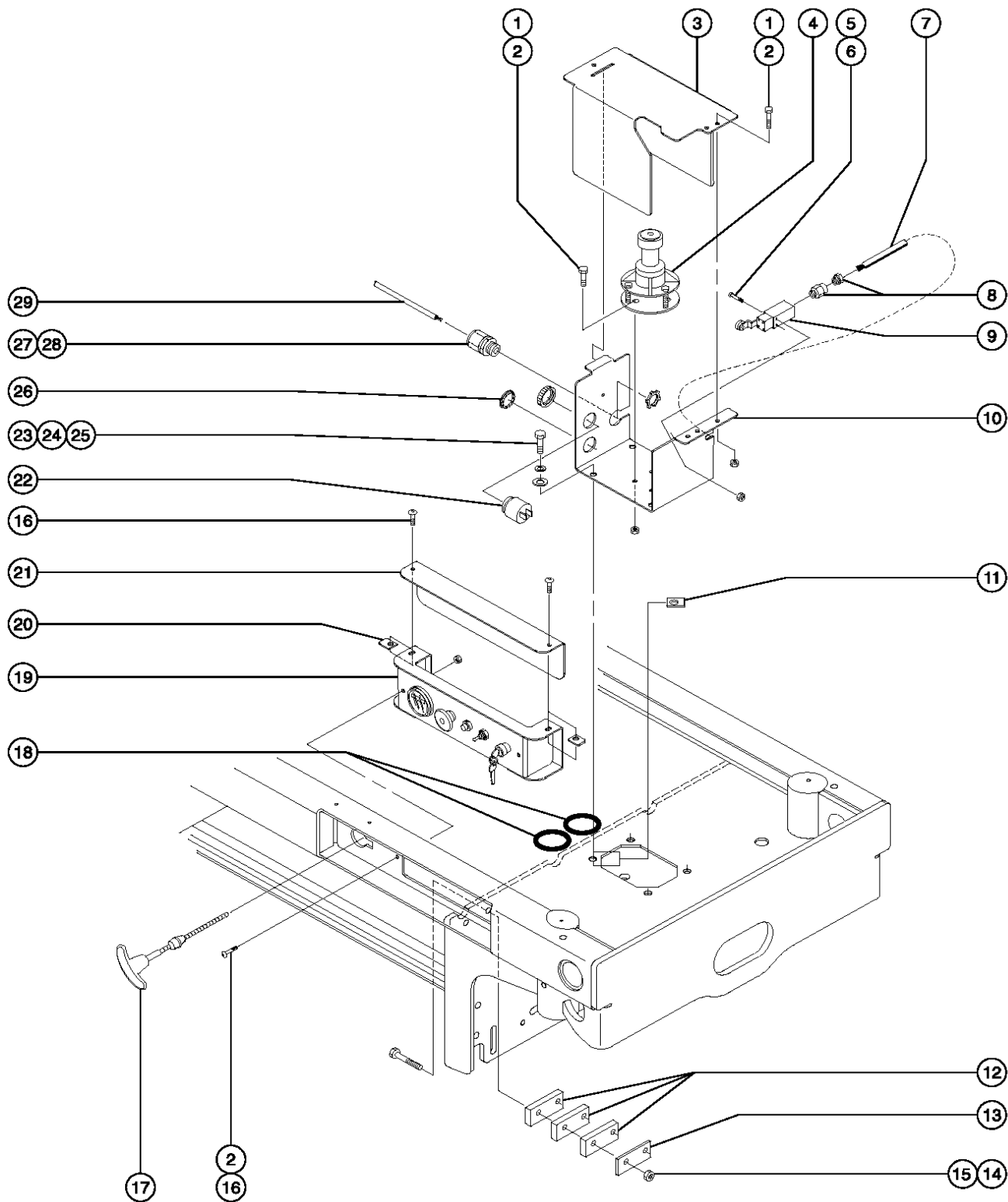
202.4 Ground Controls and Level Sensor Installation (from serial number 18704 to 35799), GS-1930



202.4 Ground Controls and Level Sensor Installation (from serial number 18704 to 35799), GS-1930

Item	Part No.	Description	Qty.
1	8914GT	SCREW, HHC, 1/4-20 X .625	5
2	6091GT	NUT, NYLOCK, 1/4-20	6
3	65299GT	ENCLOSURE-LVL SENSOR W/DECAL** (refer to figure 101.1 or 101.2 for list of decals)	1
4B	40836GT	LEVEL SENSOR,LS60,BLUE,2X4** GS-1930 (ANSI, CSA) (to SN 24997)	1
4C-	40836GT	LEVEL SENSOR,LS60,BLUE,2X4** GS-1930 (CE, Australia)	1
4D-	40836GT	LEVEL SENSOR,LS60,BLUE,2X4** GS-1932 (Australia, outdoor)	1
4F	66428GT	LEVEL SENSOR,LS60 RED,1.5X4* GS-1930 (ANSI, CSA) (from SN 24998)	1
4F-	23083-SGT	FUSE HOLDER,WATERPROOF GS-1930 (ANSI, CSA) (from SN 24998)	
4F-	27488GT	FUSE,1 AMP GS-1930 (ANSI, CSA) (from SN 24998)	
5	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	2
6	6178GT	NUT, NYLOCK, 10-32, SS	2
7	39907GT	WIRE CABLE, 18/2 SJO, BULK	1 feet
8	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50, SM (12.7 mm)	1
9	96948GT	SWITCH, LIMIT, W/ROLLER ARM***	1
9-	19491GT	CONTACTOR,LIMIT SWITCH	1
10	55725GT	FORMING,LEVEL SENSOR ENCLOSURE	1
11	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
12	47514GT	PLATE,STEERING STOP MOUNT **	3
13	51145GT	WEAR PAD,3.5 X 1.88 X .25	1
14	7713GT	NUT, LP NYLOCK, 3/8-16	4
15	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
16	14297GT	SCREW,BHHS,1/4-20 X .75	4
17	39232GT	CABLE,EMERGENCY DOWN (includes mounting fasteners)	1
18	47232GT	GROMMET,RUBBER 2 X 2.75 (8.08 x 6.99 cm)	2
19		Ref. Ground Control Panel (refer to Figure 211.1)	2
20	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
21	66458GT	COVER,LOWER CONTROL PANEL ***	1
22	39540GT	ALARM, STEADY TONE*** (does not include 72326 nut)	1

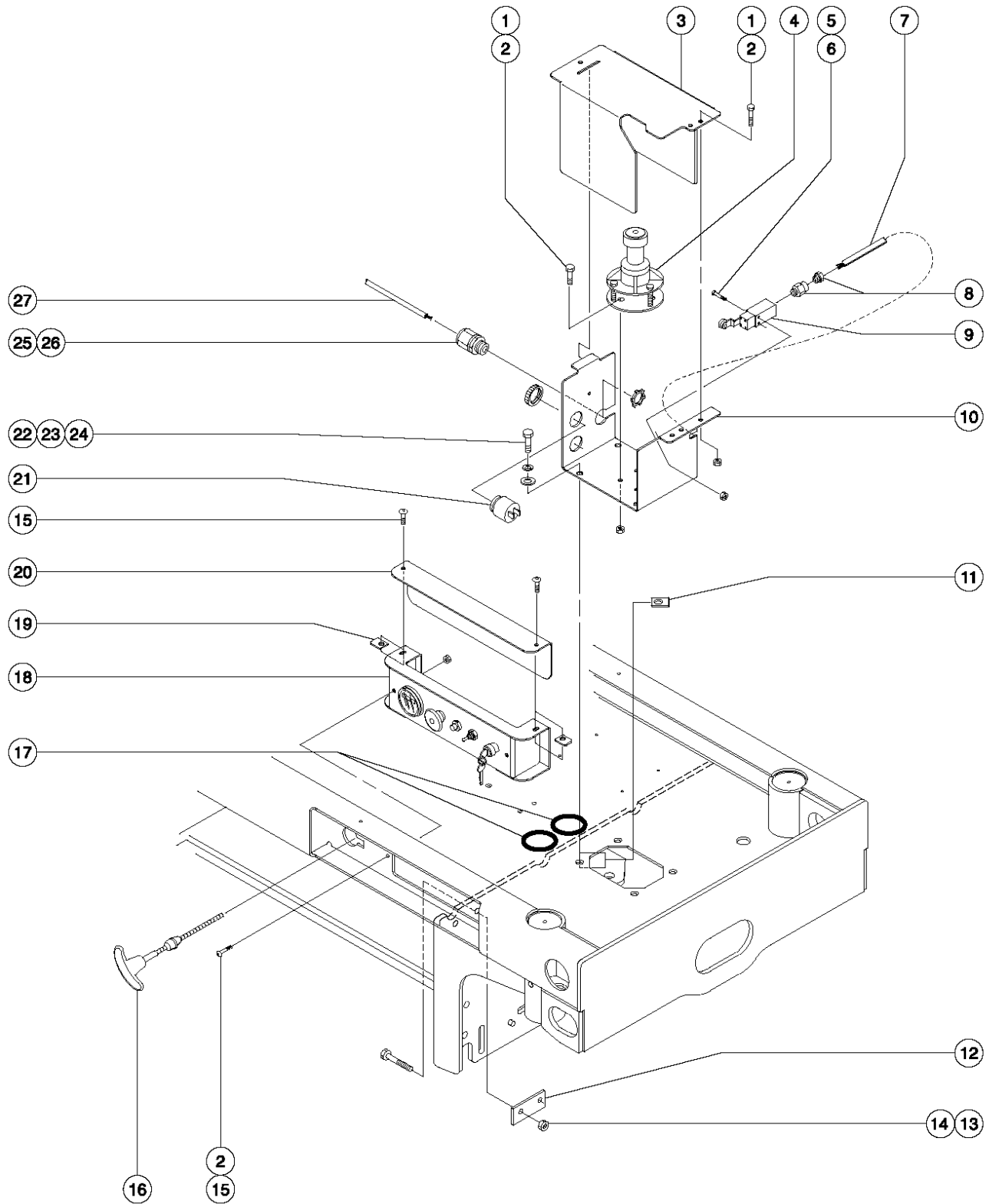
202.4 Ground Controls and Level Sensor Installation (from serial number 18704 to 35799), GS-1930



202.4 Ground Controls and Level Sensor Installation (from serial number 18704 to 35799), GS-1930

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
22-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
22-	83140GT	ALARM WIRE HARNESS(66151) (control box only)	1
23	6175GT	SCREW,HHC,3/8-16 X 1	4
24	6021GT	WASHER, LOCK, .375	4
25	6097GT	WASHER, FLAT, USS, 3/8", Y	4
26	45385GT	PLUG,NYLON 1.12 BLACK DOMED (2.8 cm)	1
27	12960GT	CABLE SQUEEZE CONN.,XTRA LRG (12.7 mm)	1
28	14041GT	LOCKNUT,ELECTRIC,3/4" (12.7 mm)	1
29	39907GT	WIRE CABLE, 18/2 SJO, BULK (0.821 mm ²)	1 feet

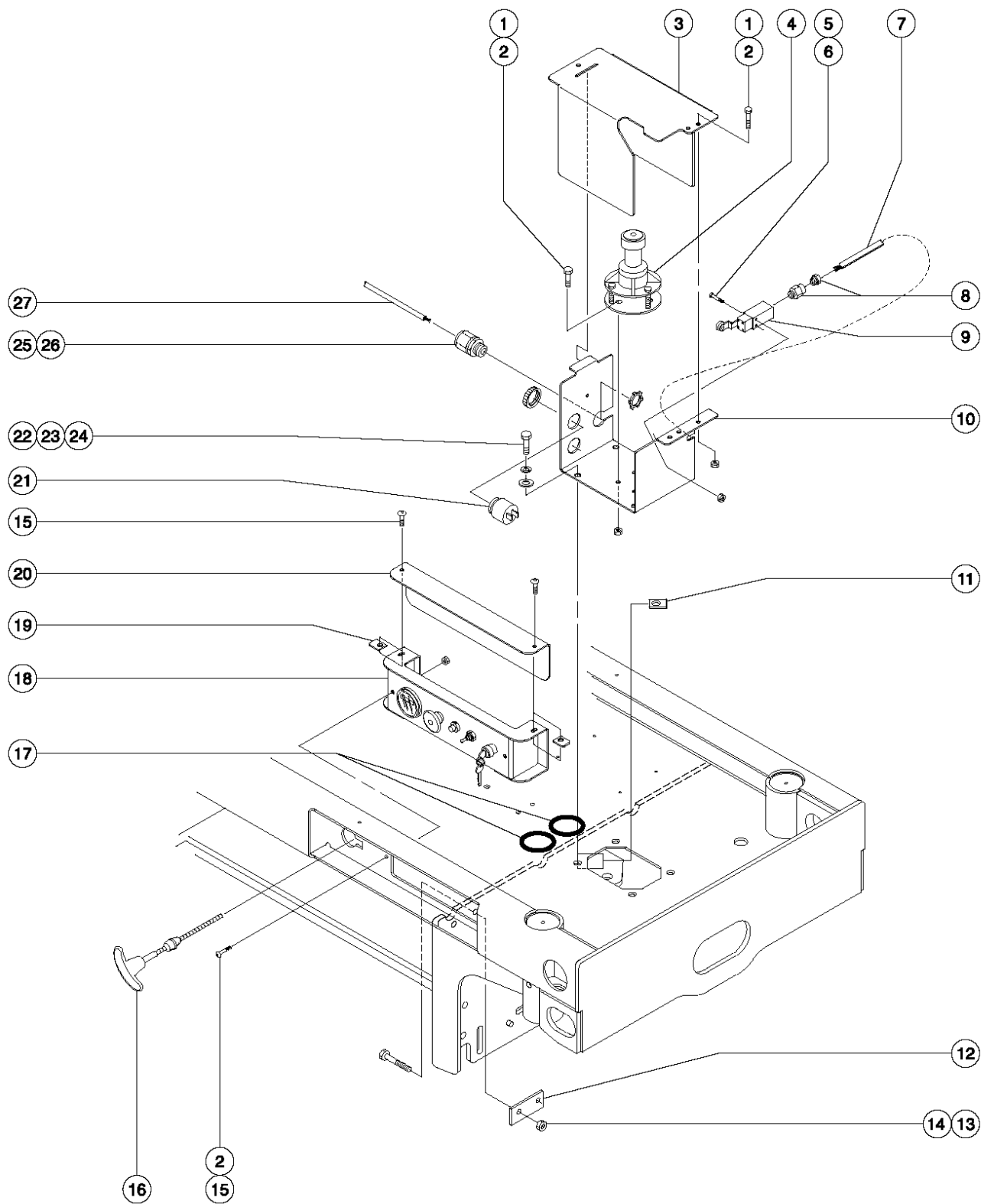
202.5 Ground Controls and Level Sensor Installation (from serial number 35800), GS-1530



202.5 Ground Controls and Level Sensor Installation (from serial number 35800), GS-1530

Item	Part No.	Description	Qty.
1	8914GT	SCREW, HHC, 1/4-20 X .625	5
2	6091GT	NUT, NYLOCK, 1/4-20	6
3	65299GT	ENCLOSURE-LVL SENSOR W/DECAL** (to SN 51087) (refer to 101.1 or 102.1 for list of decals)	1
3A	78962GT	LEVEL SENSOR LID AND DECAL (from SN 51088) (refer to 101.1 or 102.1 for list of decals)	1
4	40836GT	LEVEL SENSOR,LS60,BLUE,2X4** GS-1530 (ANSI, CSA and CE) (to SN 50443)	1
4C	78674GT	LEVEL SENSOR,LS60,BLUE,2X3** GS-1530 (ANSI, CSA, CE) (from SN 50444)	1
4E	66428GT	LEVEL SENSOR,LS60 RED,1.5X4* GS-1530 (Australia) (to SN 50443)	1
4J	78672GT	LEVEL SENSOR,LS60,RED,1.5X3* GS-1530 (Australia) (from SN 50444)	1
4M-	23083-SGT	FUSE HOLDER,WATERPROOF	1
4N-	27488GT	FUSE, 1 AMP	1
5	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	2
6	6178GT	NUT, NYLOCK, 10-32, SS	2
7	39907GT	WIRE CABLE, 18/2 SJO, BULK	1
8	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	feet 1
9	96948GT	SWITCH, LIMIT, W/ROLLER ARM***	1
9	19491GT	CONTACTOR,LIMIT SWITCH	1
10	55725GT	FORMING,LEVEL SENSOR ENCLOSURE (to SN 51087)	1
10A	78960GT	FORMING,LVL SENSOR ENCLOSURE (from SN 51088)	1
11	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
12	51145GT	WEAR PAD,3.5 X 1.88 X .25	1
13	7713GT	NUT, LP NYLOCK, 3/8-16	4
14	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
15	14297GT	SCREW,BHHS,1/4-20 X .75	4
16	39232GT	CABLE,EMERGENCY DOWN	1
17	47232GT	(includes mounting fasteners) GROMMET,RUBBER 2 X 2.75	2
18		(8.08 x 6.99 cm) Ref. Ground Control Panel	2
19	56912GT	(refer to figure 211.1) SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
20	66458GT	COVER,LOWER CONTROL PANEL***	1

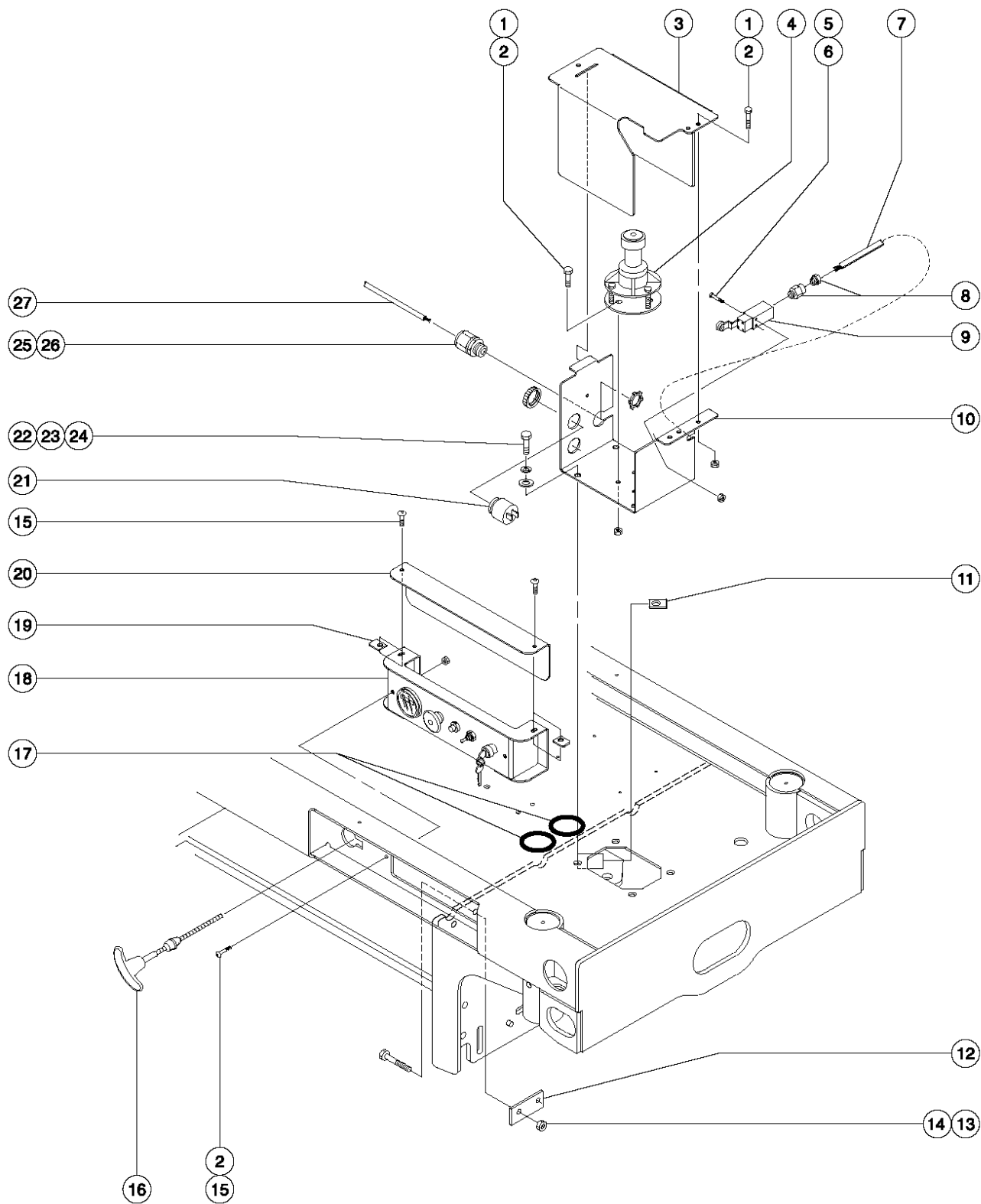
202.5 Ground Controls and Level Sensor Installation (from serial number 35800), GS-1530



202.5 Ground Controls and Level Sensor Installation (from serial number 35800), GS-1530

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
21	39540GT	ALARM, STEADY TONE*** (does not include 72326 nut)	1
21-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
22	6175GT	SCREW,HHC,3/8-16 X 1	4
23	6021GT	WASHER, LOCK, .375	4
24	6097GT	WASHER, FLAT, USS, 3/8", Y	4
25	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	1
26	14041GT	LOCKNUT,ELECTRIC,3/4"	1
27	39907GT	WIRE CABLE, 18/2 SJO, BULK (0.821 mm ²)	1 feet

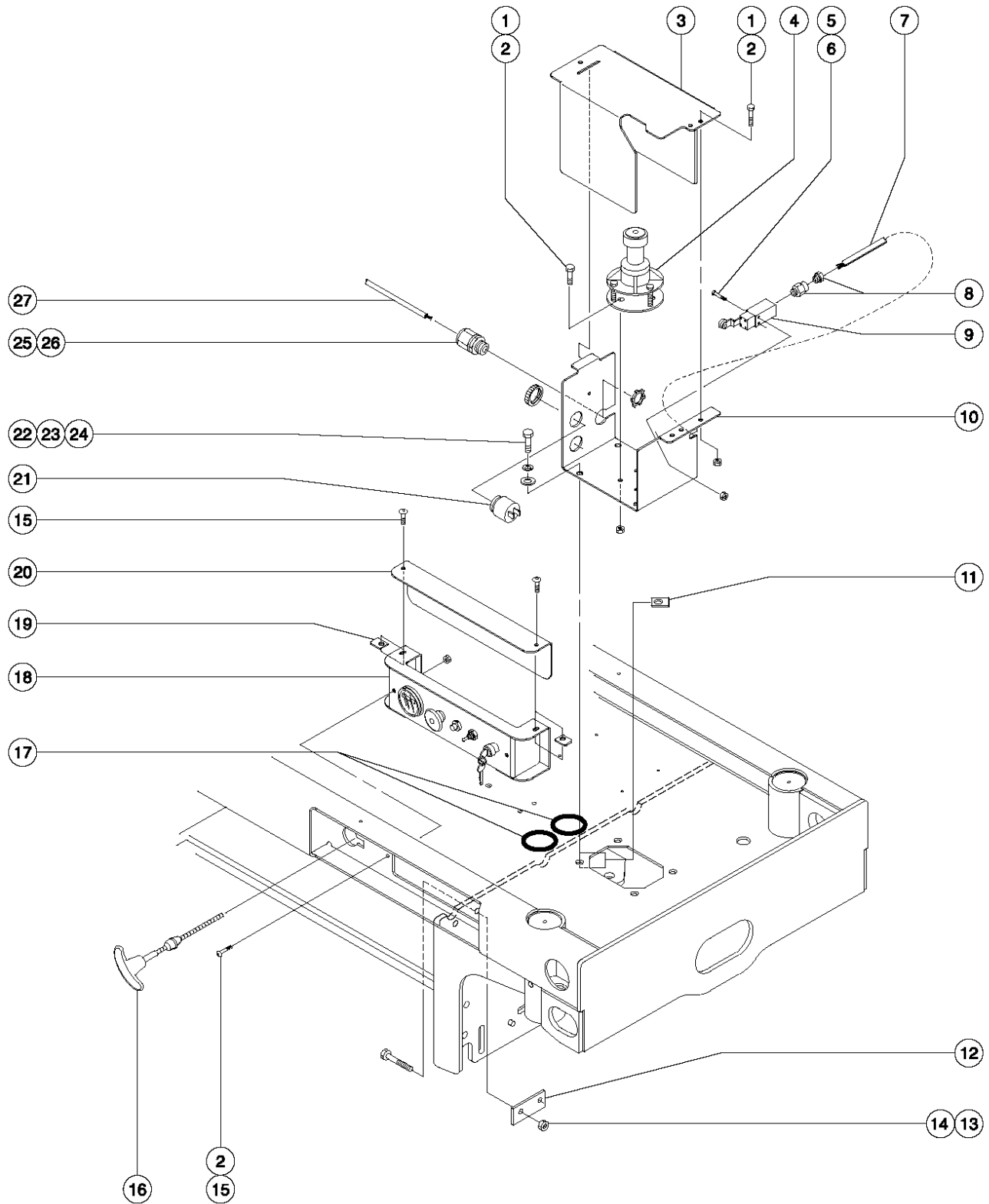
202.6 Ground Controls and Level Sensor Installation (from serial number 35800), GS-1930



202.6 Ground Controls and Level Sensor Installation (from serial number 35800), GS-1930

Item	Part No.	Description	Qty.
1	8914GT	SCREW, HHC, 1/4-20 X .625	5
2	6091GT	NUT, NYLOCK, 1/4-20	6
3	65299GT	ENCLOSURE-LVL SENSOR W/DECAL** (to SN 51087) (refer to 101.1 or 102.1 for list of decals)	1
3A	78962GT	LEVEL SENSOR LID AND DECAL (from SN 51088) (refer to 101.1 or 102.1 for list of decals)	1
4A-	40836GT	LEVEL SENSOR,LS60,BLUE,2X4** GS-1930 (Australia, indoor) (to SN 48337)	
4B-	40836GT	LEVEL SENSOR,LS60,BLUE,2X4** GS-1930 (CE) (to SN 50443)	
4D-	78674GT	LEVEL SENSOR,LS60,BLUE,2X3** GS-1930 (CE) (from SN 50444)	
4F-	66428GT	LEVEL SENSOR,LS60 RED,1.5X4* GS-1930 (ANSI, CSA) (to SN 50443)	1
4G-	66428GT	LEVEL SENSOR,LS60 RED,1.5X4* GS-1932 (Australia, indoor) (from SN 48338 to 50443)	1
4H-	66428GT	LEVEL SENSOR,LS60 RED,1.5X4* GS-1932 (Australia, outdoor) (to SN 50443)	
4K-	78672GT	LEVEL SENSOR,LS60,RED,1.5X3* GS-1930 (ANSI, CSA, Australia indoor) (from SN 50444)	1
4L-	78672GT	LEVEL SENSOR,LS60,RED,1.5X3* GS-1932 (Australia, outdoor) (from SN 50444)	
4M-	23083-SGT	FUSE HOLDER,WATERPROOF	1
4N-	27488GT	FUSE,1 AMP	1
5	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	2
6	6178GT	NUT, NYLOCK, 10-32, SS	2
7	39907GT	WIRE CABLE, 18/2 SJO, BULK	1
8	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50, SM	1
9	96948GT	SWITCH, LIMIT, W/ROLLER ARM***	1
9	19491GT	CONTACTOR,LIMIT SWITCH	1
10	55725GT	FORMING,LEVEL SENSOR ENCLOSURE (to SN 51087)	1
10A	78960GT	FORMING,LVL SENSOR ENCLOSURE (from SN 51088)	1
11	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
12	51145GT	WEAR PAD,3.5 X 1.88 X .25	1
13	7713GT	NUT, LP NYLOCK, 3/8-16	4
14	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
15	14297GT	SCREW,BHHS,1/4-20 X .75	4
16	39232GT	CABLE,EMERGENCY DOWN (includes mounting fasteners)	1

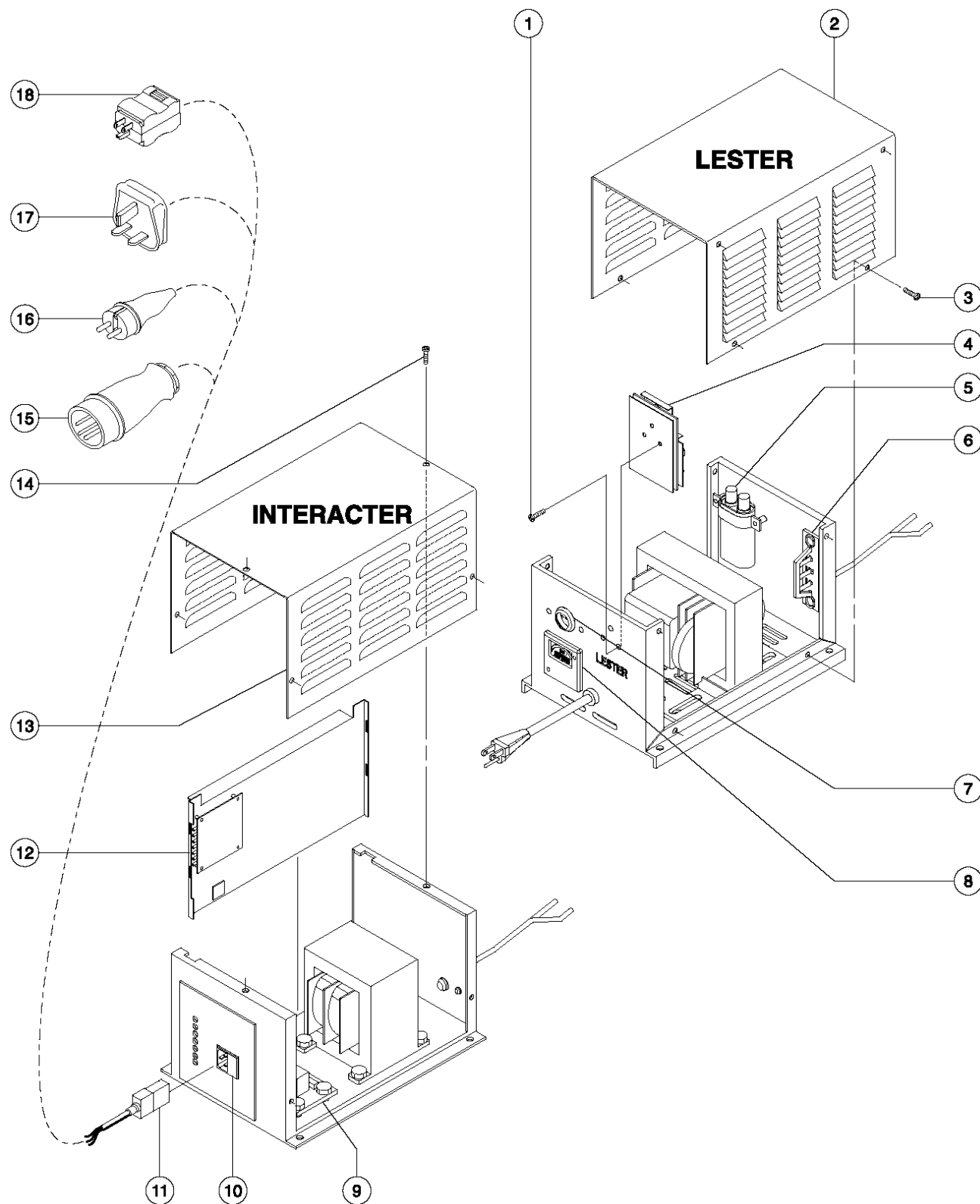
202.6 Ground Controls and Level Sensor Installation (from serial number 35800), GS-1930



202.6 Ground Controls and Level Sensor Installation (from serial number 35800), GS-1930

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
17	47232GT	GROMMET,RUBBER 2 X 2.75 (8.08 x 6.99 cm)	2
18		Ref. Ground Control Panel (refer to figure 211.1)	2
19	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
20	66458GT	COVER,LOWER CONTROL PANEL *** (does not include 72326 nut)	1
21	39540GT	ALARM, STEADY TONE***	1
21-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
22	6175GT	SCREW,HHC,3/8-16 X 1	4
23	6021GT	WASHER, LOCK, .375	4
24	6097GT	WASHER, FLAT, USS, 3/8", Y	4
25	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	1
26	14041GT	LOCKNUT,ELECTRIC,3/4"	1
27	39907GT	WIRE CABLE, 18/2 SJO, BULK (0.821 mm ²)	1 feet

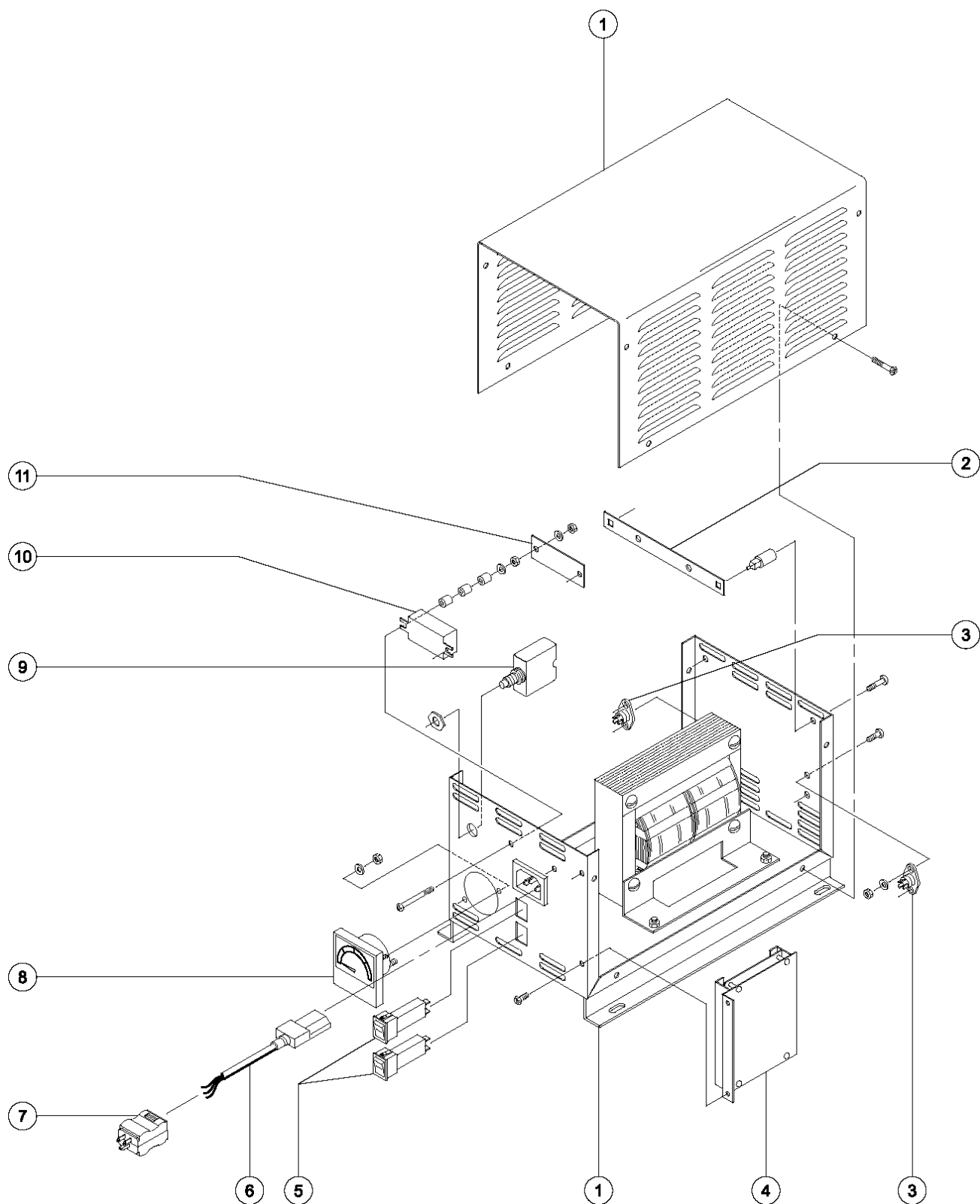
203.1 Battery Charger



203.1 Battery Charger

Item	Part No.	Description	Qty.
-	66412GT	CHARGER,120VAC/60HZ,25A 24V***	
-	83037GT	CORD SET, AC (66412)	
	58230GT	SWITCH,STARTER,LOW VOLTAGE	
		for 66412	
-	96214GT	BATTERY CHARGER,UPGRADE KIT***	
		power cord sold separately	
-	83037GT	CORD SET, AC (66412)	
-	58230GT	SWITCH,STARTER,LOW VOLTAGE	
1	40536GT	SCREW,TIMER,#8 PHMS X.375	3
2	65432-SGT	CASE ASSY-BATTERY CHRGR**	1
		(includes cover and base)	
3	40537GT	SCREW,CHARGER COVER,#10 X .5	8
4	62858-SGT	TIMER ASSY-ELECTRONIC, DMSTC*	1
5	46335GT	CAPACITOR, 4 MFD,660VAC,39243	1
6	27262GT	HEATSINK ASSY W/DIODES (23442)	1
7	13008-6GT	FUSE ASSY-BOOM CHARGER	1
8	46337GT	AMMETER, 39243/47906/66412	1
9	62237GT	CONTROL-AVS, BATT CHGR	1
10	62233GT	CONNECTOR-IEC, BATT CHGR	1
10-	62234GT	FUSE,BATT CHGR	1
11	51288GT	IEC PIGTAIL ***	1
12	62231GT	HEATSINK-CNTRL ASSY,BATT CHGR	1
13	62232GT	COVER-BATT CHGR	1
14	12017GT	SCREW,RHM,6-32 X .25	6
15	144161GT	SCREW,HHF,1/4-20X.75,8,ZAG	1
16	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	1
17	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	1
17-	13008-6GT	FUSE ASSY-BOOM CHARGER	1
		refer to BS1362 BUSS TDC180-13A	
18	6595GT	PLUG,ELECTRICAL,DOMESTIC	1

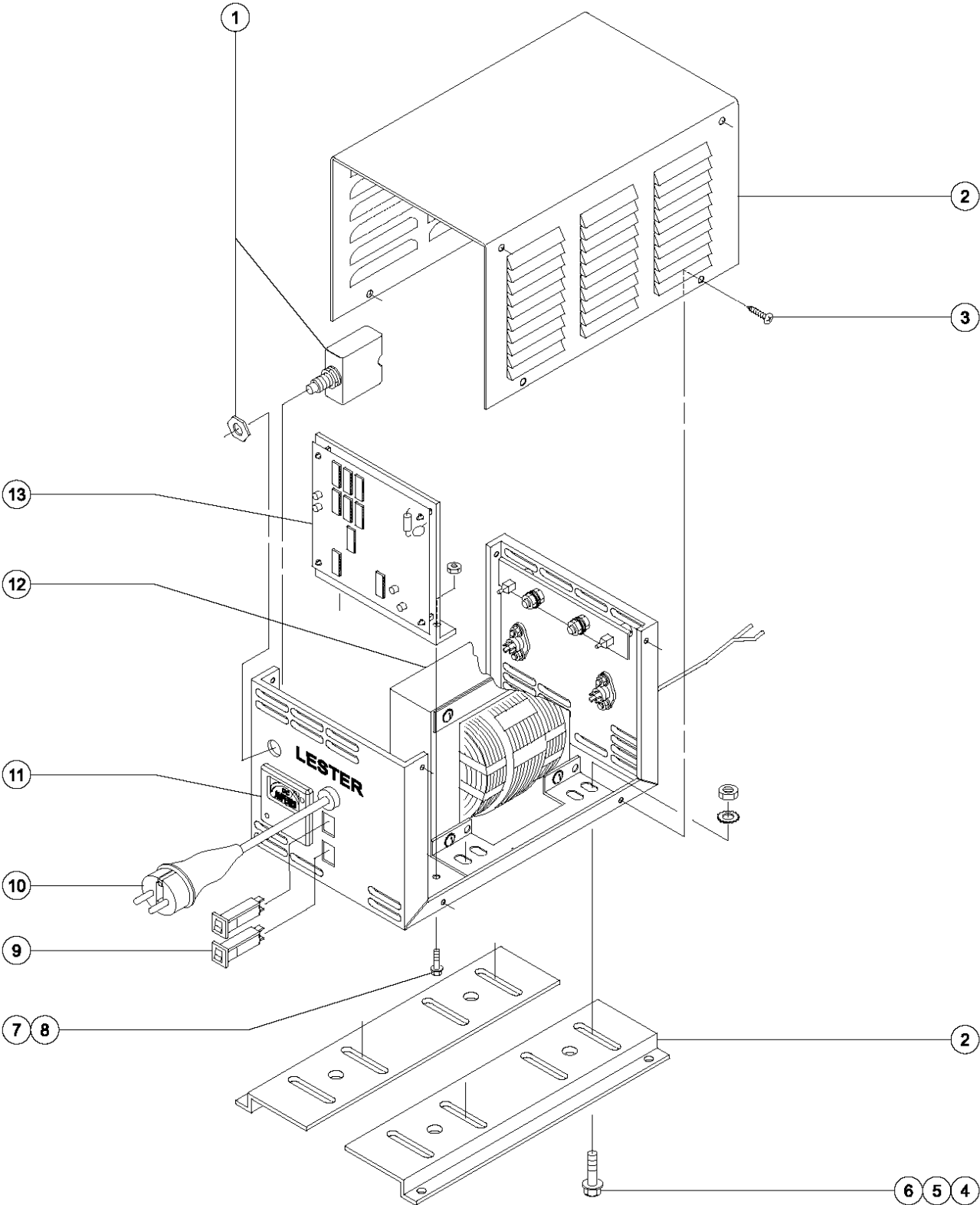
203.2 Battery Charger, Asia



203.2 Battery Charger, Asia

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
A-	55620GT	CHARGER-BATT, DUAL VOLT** Asia (does not include relay)	
B-	78109GT	KIT,RELAY INTERLOCK (Nikken models only)	
C-	96214GT	BATTERY CHARGER,UPGRADE KIT*** (includes relay) power cord sold separately	
D-	48282GT	POWER CORD, IEC 320 BLANK, 79"	
E-	6595GT	PLUG,ELECTRICAL,DOMESTIC	
F-	105739GT	CHARGER,BAT,24VDC,H/LO GEN2 power cord sold separately	
1	52168GT	CASE ASSEMBLY, 47671 CHARGER (includes cover and base)	1
2	52169GT	SHUNT,ELECTRONIC,47671 CHARGER	1
3	52175GT	SCR ASSY,47671 LESTER CHARGER	2
4	52170GT	TIMER ASSY,ELECTRONIC,47671	1
5	52173GT	CIRCUIT BREAKER-CHARGER, 8 AMP	2
6	51288GT	IEC PIGTAIL ***	1
7	6595GT	PLUG,ELECTRICAL,DOMESTIC	1
8	52172GT	AMMETER-47671 CHARGER,25 AMP	1
9	52174GT	CIRCUIT BREAKER-CHARGER,45 AMP	1
10	52176GT	RELAY,CHARGR,47671,DPDT,110VDC (component no longer available)	1
11	52171GT	PCB,RELAY DRIVER,CHARGER 47671	1

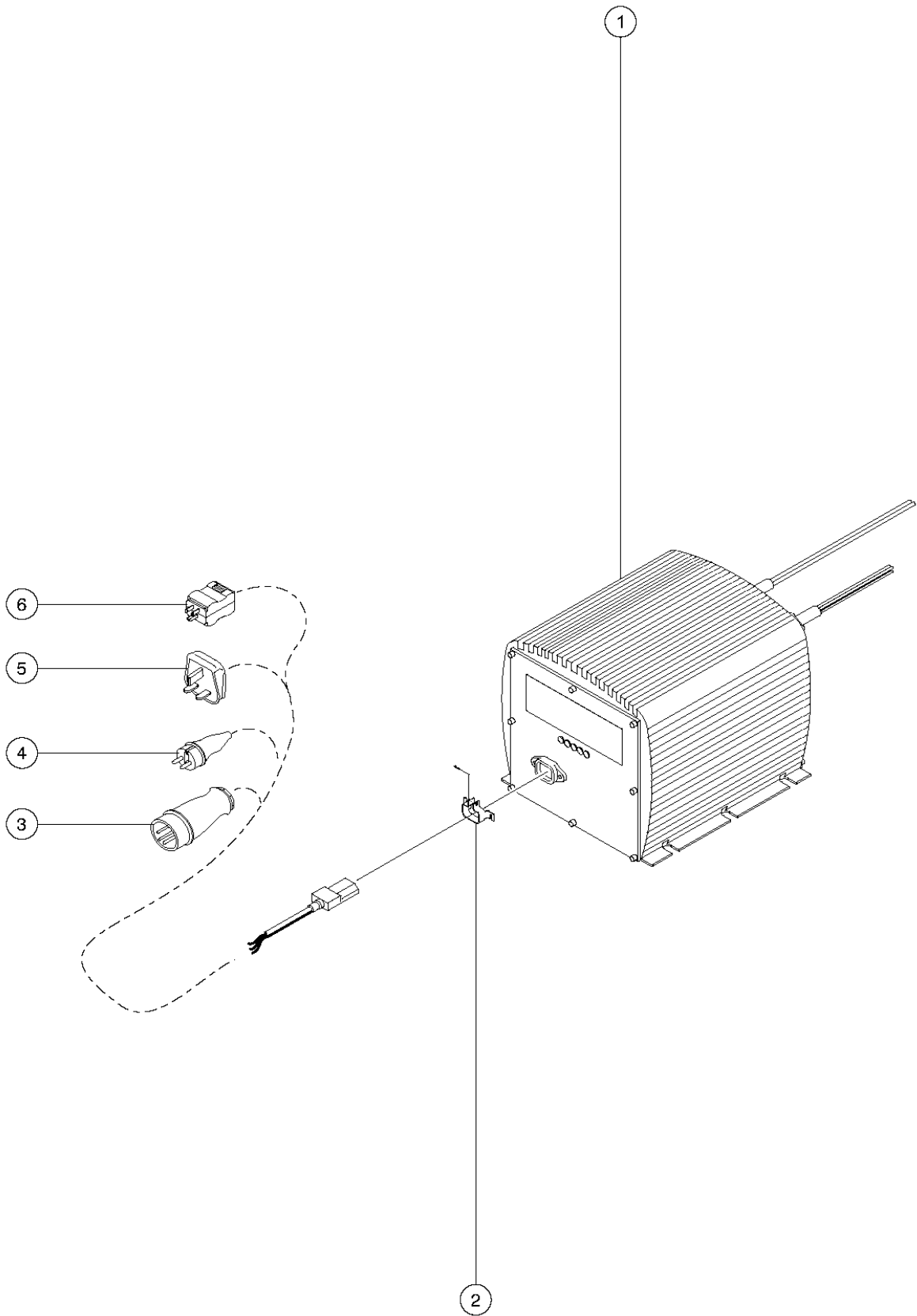
203.3 Battery Charger, 220V AC, European



203.3 Battery Charger, 220V AC, European

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	66478GT	BATTERY CHARGER, CONT EUROPE	
	96214GT	BATTERY CHARGER,UPGRADE KIT*** power cord sold separately	
	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
1	69585GT	CIRCUIT BREAKER,50A,50VAC	1
2	69580GT	CASE ASSY,BATT CHARGER (66478)	1
		includes cover and mounting brackets	
3	69581GT	TUBE, PLATFORM SPACER STD-12P	8
4	69582GT	SCREW,HHC,WASH HEAD,1/4-20X.63	4
5	69586GT	WASHER,STAR,EXTERNAL,,25	4
6	6357GT	NUT,HEX,1/4-20	4
7	69583GT	SCREW,HEX INDENT,8-32 X 5/16	2
8	18542GT	NUT,HEX,8-32	2
9	52173GT	CIRCUIT BREAKER-CHARGER, 8 AMP	2
10	55019GT	POWER CORD,NOVON, 8"	1
11	52172GT	AMMETER-47671 CHARGER,25 AMP	1
12	69584GT	TRANSFORMER,CHARGER (66478)	1
13	52170GT	TIMER ASSY,ELECTRONIC,47671	1

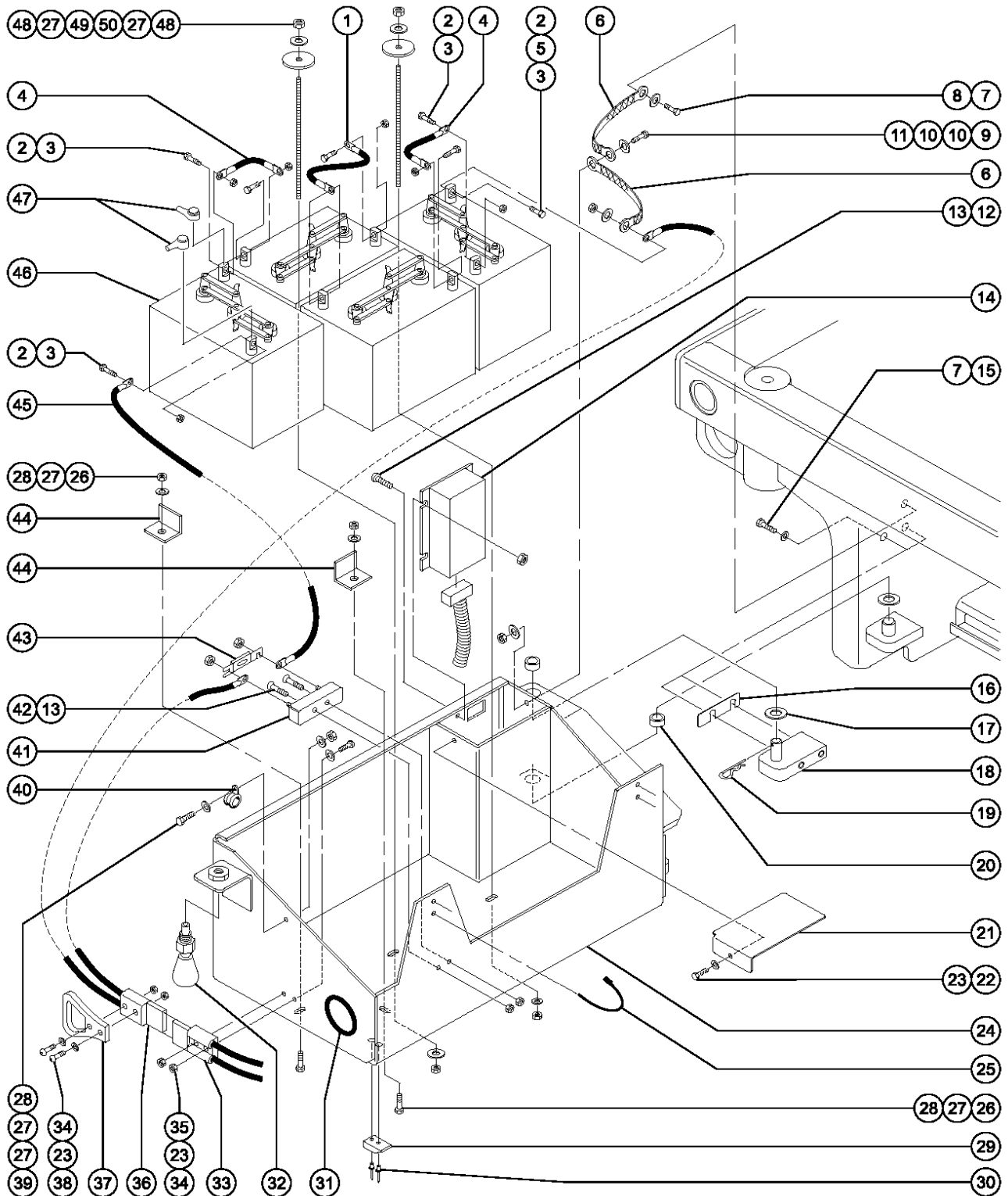
203.4 Battery Charger, Worldwide



203.4 Battery Charger, Worldwide

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
-	97059GT	FUSE,BATTERY CHARGER*** for 5-LED battery charger	
-	105334GT	CONNECTOR, IEC CHARGER CORD for 5-LED battery charger	
1A-	144180GT	MANUAL,OWNERS,CHARGER,105739	
1	105739GT	CHARGER,BAT,24VDC,H/LO GEN2 (includes fasteners, ring terminals and instructions for field installation)	1
1B		KIT,BATTERY CHARGER,24V no longer available, use charger 96211GT OR 105739GT	
1C	96211GT	CHARGER, BATTERY, 24VDC, HI/LO* (includes fasteners, ring terminals and instructions for field installation)	
2	55010GT	LOCK, CONNECTOR include fasteners	1
3	71706GT	POWER CORD, UK 110, 115"	1
4	55019GT	POWER CORD,NOVON, 8"	1
5	55018GT	POWER CORD,UK-HIGH VOLTAGE, 8"	1
6	55021GT	POWER CORD,US 110, 8"	1

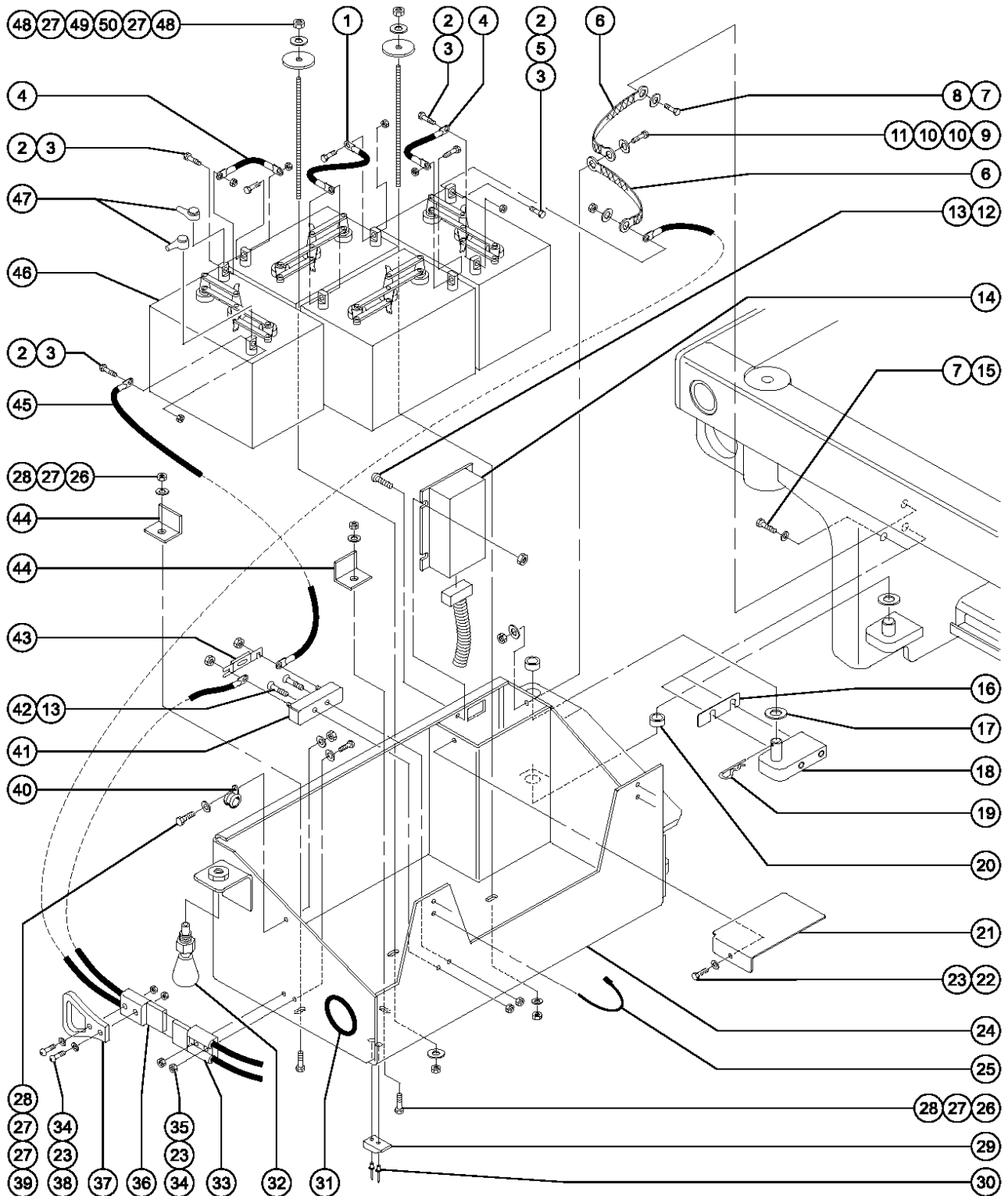
204.1 Battery Pack Module (to serial number 1999)



204.1 Battery Pack Module (to serial number 1999)

Item	Part No.	Description	Qty.
1		Ref. Battery Cable Assembly (refer to Figure 215.1)	
2	13002GT	SCREW,HHC,5/16-18 X 1 GR5	8
3	6037GT	NUT,HEX,5/16-18,GR5	8
4		Ref. Battery Cable Assembly (refer to Figure 215.1)	8
5	5397GT	WASHER,FLAT,5/16,USS,ZAG	1
6	39532GT	GROUND STRAP	2
7	10587GT	SCREW,HHC,1/2-13 X.75	1
8	6033GT	WASHER,LOCK,0.5"	2
9	6175GT	SCREW,HHC,3/8-16 X 1	1
10	6097GT	WASHER, FLAT, USS, 3/8", Y	2
11	7713GT	NUT, LP NYLOCK, 3/8-16	1
12	6147GT	SCREW,RHM,10-32 X 1	2
13	6178GT	NUT, NYLOCK, 10-32, SS	4
14		ECM,SLAB,SERVICE*** (97055) (component no longer available)	1
14-	56302GT	RELAY,24VDC,40/30A,SEALED***	1
14-	46976GT	PIGTAIL, ECM TO LINKAGE	1
15	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	2
16	39447GT	SPACER,MODULE,.06 THK. Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit.	1
17	39244GT	SPACER,MODULE TRAY	2
18	39297GT	HINGE WELDMENT,TOP LH	1
19	5135GT	CLIP,HAIR PIN .094 X 2.5	2
20	36369GT	BEARING,0.75IDX1.00ODX0.75L (1.91 x 2.54 x 1.91 cm)	2
21	47165GT	FORMING,ECM LID	1
22	7339GT	SCREW,HHC,1/4-20 X .5	1
23	6356GT	WASHER, LOCK, .25	5
24	44740GT	BATT.PAK ASSY.W/DCL(GS15&19) (includes items 20, 29, 30 and 31)	1
25	6578GT	CABLE TIE, 7 3/8" (18.75 cm)	1
26	6888GT	SCREW, HHC, 1/4-20 X 1	4

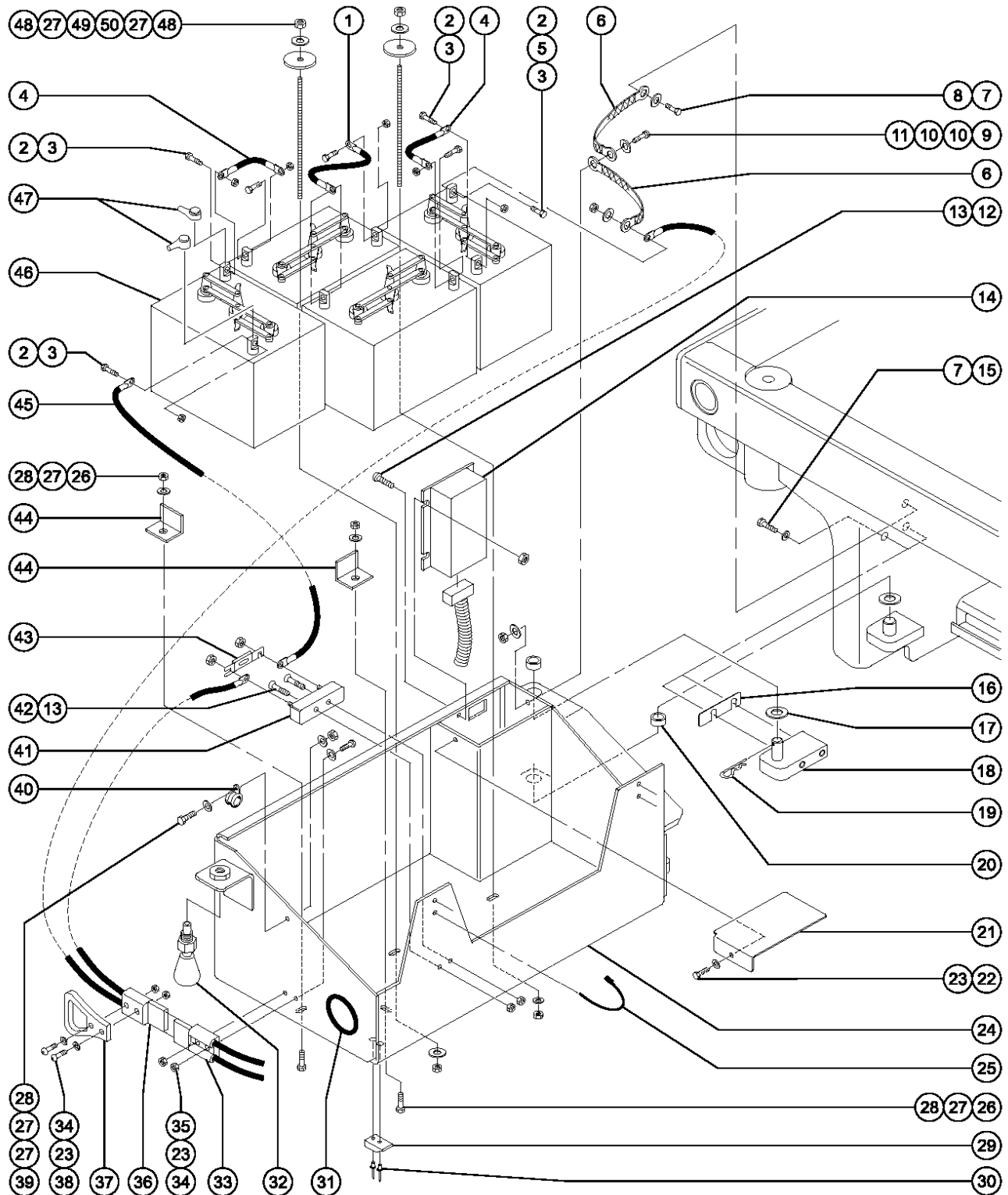
204.1 Battery Pack Module (to serial number 1999)



204.1 Battery Pack Module (to serial number 1999)

Item	Part No.	Description	Qty.
27	6638GT	WASHER, FLAT, USS, 1/4"Y	8
28	6091GT	NUT, NYLOCK, 1/4-20	3
29	39474GT	WEAR PAD, PLATFORM (2 x 1 x 0.25 inch) (5.1 x 2.5 x 0.64 cm)	1
30	39579GT	RIVET, STL, STL, .188 X .45	2
31	47232GT	GROMMET, RUBBER 2 X 2.75 (5.08 x 7 cm)	2
32	44160GT	LOCK PIN ASSY, 3.00"	1
32-	39469GT	SPRING, COMPRESSION .485 X 1.75**	1
32-	39470GT	PIN, LOCK	1
32-	40835GT	AIR TO PLATFORM-SCR	1
32-	41630GT	HOUSING, LOCK PIN	1
33		Ref. Battery Cable Assembly (refer to Figure 215.1)	1
33-	66397GT	QUICK DISCONNECT CASING, BATT** (housing)	1
34	6357GT	NUT, HEX, 1/4-20	4
35	6145GT	SCREW, HHC, 1/4-20 X 1.5	2
36		Ref. Battery Cable Assembly (refer to Figure 215.1)	2
36-	19436GT	CONNECTOR, ANDERSON SB 175*** (include contacts with wire)	2
37	44716GT	HANDLE, ANDERSON CONNECTOR SB	1
38	11966GT	SCREW, BHHS, 1/4-20 X 1.5	2
39	6090GT	SCREW, HHC, 1/4-20 X .75	1
40	45454GT	CLAMP, 0.75, #12 X 3/8, RUB CUSH* (1.91 cm)	1
41	66717GT	FUSE BLOCK, ANN & ANL FUSE (includes mounting fasteners)	1
42	6873GT	SCREW, FHM, 10-32 X 1	2
43	40833GT	FUSE, 275AMP, VERY FAST ACTING	1
44	66427GT	SERVICE KIT, BATTERY STOP	2
45		Ref. Battery Cable Assembly (refer to Figure 215.1)	2
46	76502GT	BATTERY, T105 W/LPT, 3 CAP, DRY** (10 3/8 x 7 x 10 1/2 inches) (26.4 x 17.8 x 26.7 cm). no longer available (contact customer service)	4
46B	76494GT	BATTERY, 6V, 225AH, T105, ELPT	4
47	96110GT	BOOT, CABLE, TERMINAL COVER	8

204.1 Battery Pack Module (to serial number 1999)

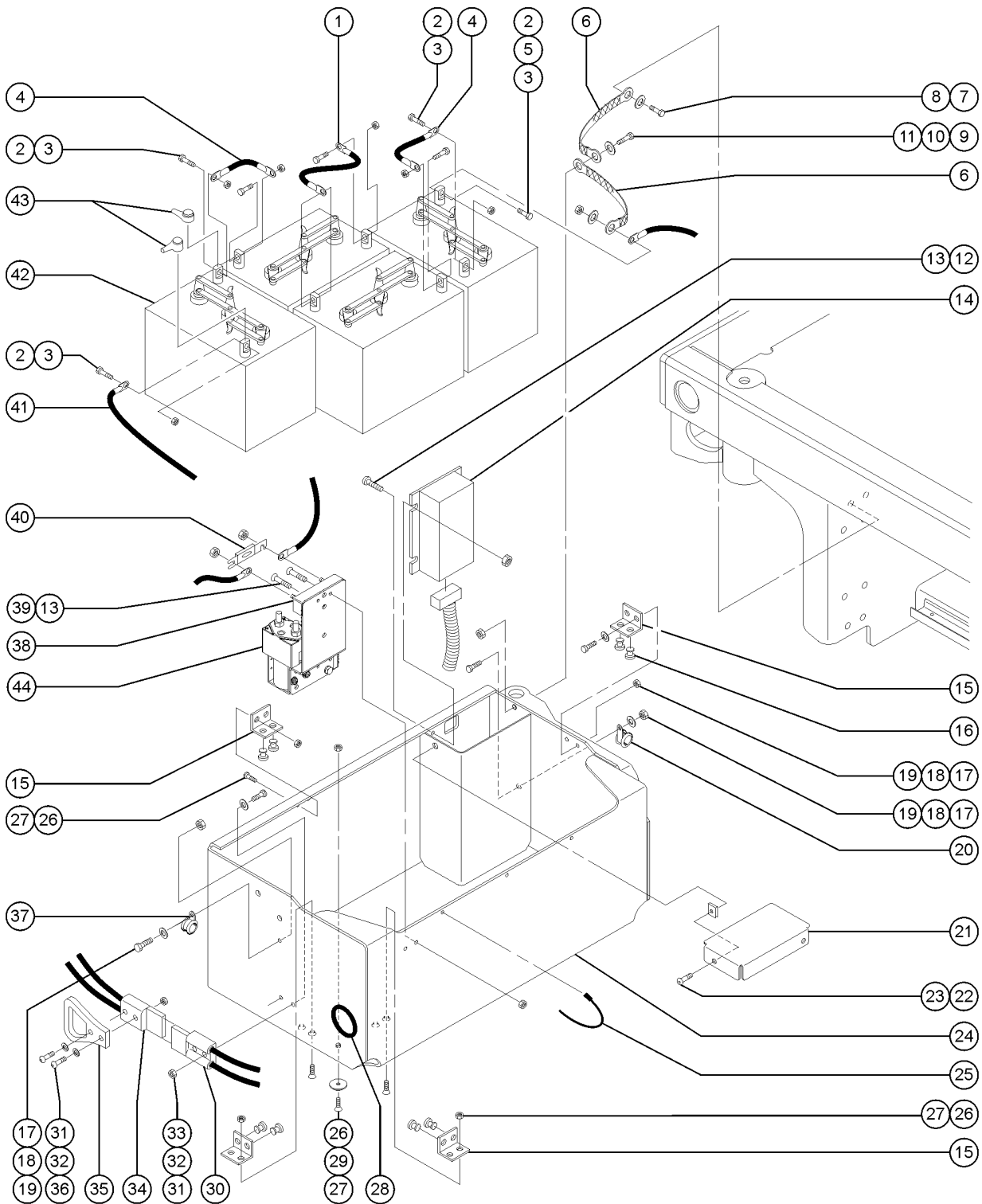


204.1 Battery Pack Module (to serial number 1999)

Item	Part No.	Description	Qty.
48	6889GT	NUT,LP NYLOCK,1/4-20	4
49	39794GT	WASHER,FLAT UHMW 2.25 DIA	2
50	18385GT	THREADED ROD,(1/4-20),10.5"	2



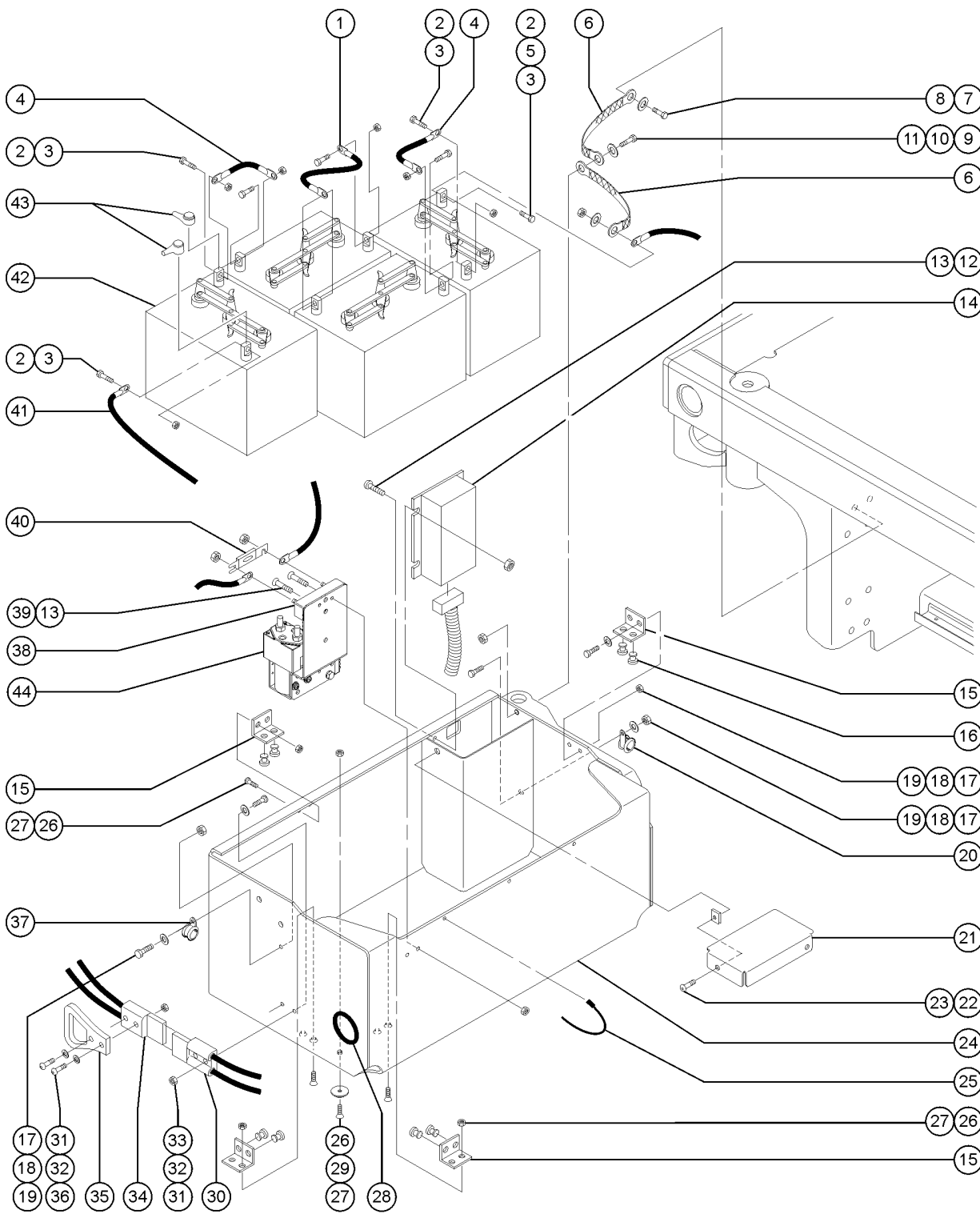
204.2 Battery Pack Module (from serial number 2000 to 18703)



204.2 Battery Pack Module (from serial number 2000 to 18703)

Item	Part No.	Description	Qty.
1		Ref. Battery Cable Assembly (refer to Figure 215.1)	
2	13002GT	SCREW,HHC,5/16-18 X 1 GR5	8
3	6037GT	NUT,HEX,5/16-18,GR5	8
4		Ref. Battery Cable Assembly (refer to Figure 215.1)	8
5	5397GT	WASHER,FLAT,5/16,USS,ZAG	1
6	39532GT	GROUND STRAP	2
7	10587GT	SCREW,HHC,1/2-13 X.75	1
8	6033GT	WASHER,LOCK,0.5"	2
9	6175GT	SCREW,HHC,3/8-16 X 1	1
10	6097GT	WASHER, FLAT, USS, 3/8", Y	1
11	7713GT	NUT, LP NYLOCK, 3/8-16	1
12	6147GT	SCREW,RHM,10-32 X 1	2
13	6178GT	NUT, NYLOCK, 10-32, SS	4
14A	105295GT	KIT,GEN1 TO GEN5 CONTRL SYS*** (models with PCB Rev A or Rev B) (to SN 17407)	1
14B		ECM,SLAB,SERVICE*** (97055) (component no longer available) to SN 17407	1
14C	78725GT	ECU,SLAB,GEN4*** (from 17408 to 59999)	
14-	56302GT	RELAY,24VDC,40/30A,SEALED***	1
14-	55298GT	WIRE ASSY,CHASSIS CNTRL PIGT (ECM to linkage)	1
14-	78314GT	CONNECTOR KIT,ITT CABLE/WIRE	1
15	66427GT	SERVICE KIT, BATTERY STOP	4
16	47478GT	BUMPER, RUBBER, 1"OD X .461H (2.5 cm)	8
17	6091GT	NUT, NYLOCK, 1/4-20	4
18	6638GT	WASHER, FLAT, USS, 1/4"Y	4
19	6090GT	SCREW, HHC, 1/4-20 X .75	4
20	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH (2.5 cm)	1
21	47923GT	FORMING,ECM LID	1
22	11968GT	SCREW,BHHS,1/4-20 X 1	1
23	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1

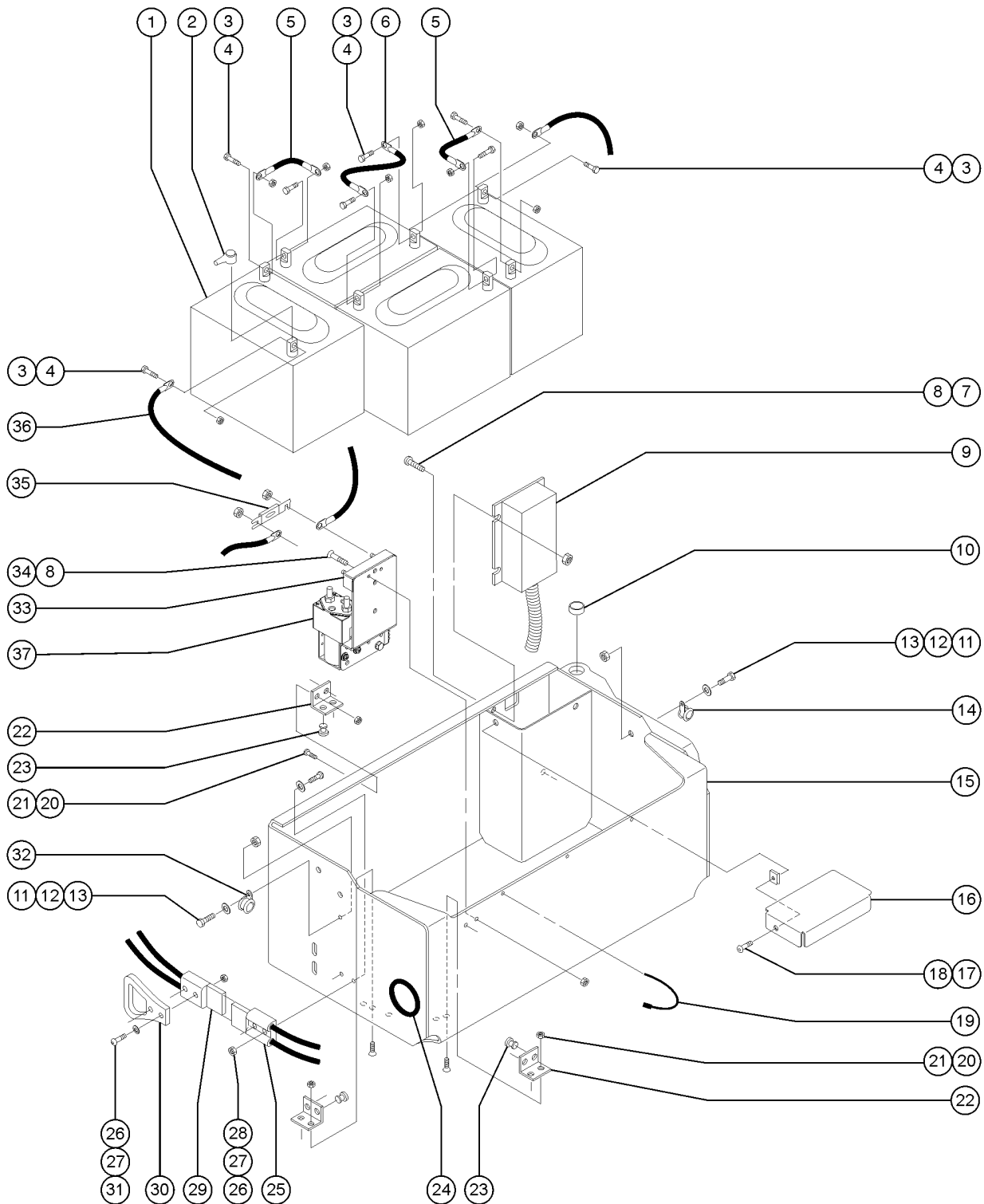
204.2 Battery Pack Module (from serial number 2000 to 18703)



204.2 Battery Pack Module (from serial number 2000 to 18703)

Item	Part No.	Description	Qty.
24	48708GT	BAT. TRAY ASSY W/WORD DEC,GS30 (refer to 205.1 for bearings) (includes items 26-29)	1
25	6578GT	CABLE TIE, 7 3/8" (18.75 cm)	1
26	6889GT	NUT,LP NYLOCK,1/4-20	7
27	19284GT	SCREW,FHS,1/4-20 X .63	7
28	47232GT	GROMMET,RUBBER 2 X 2.75 (5.1 x 7 cm)	2
29	47793GT	BUMPER, MODULE TRAY (0.266 x 1.25 x 0.25 inch) (0.676 x 3.18 x 0.64 cm)	1
30		Ref. Battery Cable Assembly (refer to Figure 215.1)	1
30-	66397GT	QUICK DISCONNECT CASING, BATT** (housing)	1
31	6357GT	NUT,HEX,1/4-20	4
32	6356GT	WASHER, LOCK, .25	4
33	6145GT	SCREW, HHC, 1/4-20 X 1.5	2
34		Ref. Battery Cable Assembly (refer to Figure 215.1)	2
34-	19436GT	CONNECTOR,ANDERSON SB 175*** (includes contacts with wire)	2
35	44716GT	HANDLE,ANDERSON CONNECTOR SB	1
36	11966GT	SCREW,BHHS,1/4-20 X 1.5	2
37	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH* (1.9 cm)	1
38	66717GT	FUSE BLOCK, ANN & ANL FUSE (includes mounting fasteners)	1
39	6873GT	SCREW,FHM,10-32 X 1	2
40	40833GT	FUSE, 275AMP, VERY FAST ACTING	1
41		Ref. Battery Cable Assembly (refer to Figure 215.1)	1
42	76502GT	BATTERY,T105 W/LPT,3 CAP,DRY** (10 3/8 x 7 1/8 x 10 5/8 inches) (26.4 x 17.8 x 26.7 cm). no longer available (contact customer service)	4
42B	76494GT	BATTERY, 6V, 225AH, T105, ELPT	4
43	96110GT	BOOT, CABLE, TERMINAL COVER	8
44	219492GT	ASSM,CONTACTOR KIT,GS (for machines to SN 62710 that have not had a contactor kit previously installed)	1
44-	219493GT	BRACKET,CONTACTOR,GS (for machines to SN 62710 that have not had a contactor kit previously installed)	1
44-	219494GT	HARNESS,CONTACTOR,GS (for machines to SN 62710 that have not had a contactor kit previously installed)	1

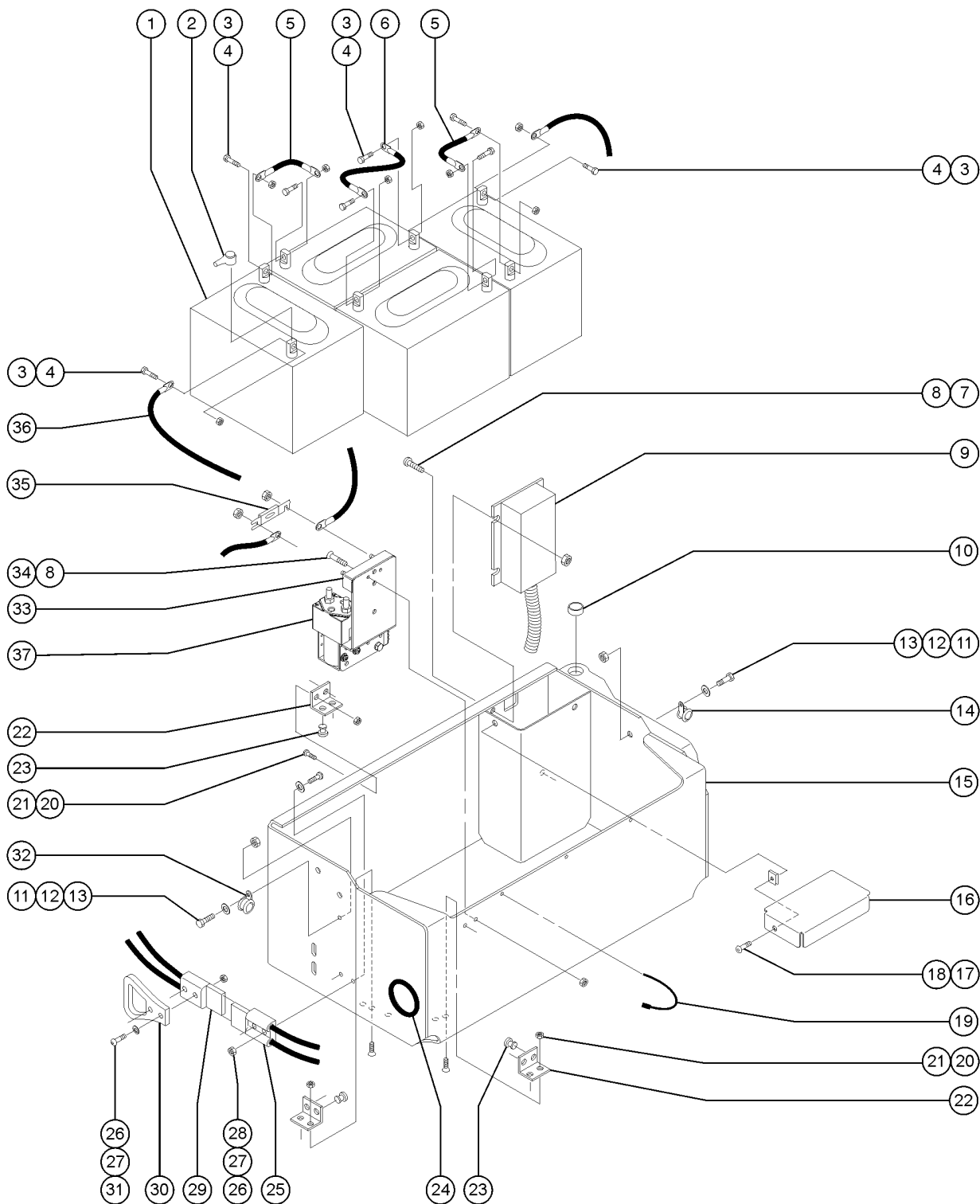
204.3 Battery Pack Module (from serial number 18704 to 35799)



204.3 Battery Pack Module (from serial number 18704 to 35799)

Item	Part No.	Description	Qty.
1	76502GT	BATTERY,T105 W/LPT,3 CAP,DRY** no longer available (contact customer service)	4
1B	76494GT	BATTERY, 6V, 225AH, T105, ELPT	4
2	96110GT	BOOT, CABLE, TERMINAL COVER	8
3	13002GT	SCREW,HHC,5/16-18 X 1 GR5	8
4	6037GT	NUT,HEX,5/16-18,GR5	8
5		Ref. Battery Cable Assembly (refer to Figure 215.1 or 215.2)	8
6		Ref. Battery Cable Assembly (refer to Figure 215.1 or 215.2)	8
7	6147GT	SCREW,RHM,10-32 X 1	2
8	6178GT	NUT, NYLOCK, 10-32, SS	4
9	78725GT	ECU,SLAB,GEN4*** (from 17408 to 59999)	1
9-	56302GT	RELAY,24VDC,40/30A,SEALED***	1
9-	55298GT	WIRE ASSY,CHASSIS CNTRL PIGT (from SN 18704 to 25111) (ECM to linkage)	1
9-	64258GT	WIRE ASSY,CHASSIS CONTROL PIGT (from SN 25112) (ECM to linkage)	1
9-	78314GT	CONNECTOR KIT,ITT CABLE/WIRE	1
10	36369GT	BEARING,0.75IDX1.00ODX0.75L	2
11	6090GT	SCREW, HHC, 1/4-20 X .75	4
12	6638GT	WASHER, FLAT, USS, 1/4"Y	4
13	6091GT	NUT, NYLOCK, 1/4-20	4
14	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	1
15	48708GT	BAT. TRAY ASSY W/WORD DEC,GS30 (includes item 10)	1
16	47923GT	FORMING,ECM LID	1
17	11968GT	SCREW,BHHS,1/4-20 X 1	1
18	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
19	6578GT	CABLE TIE, 7 3/8"	1
20	6889GT	NUT,LP NYLOCK,1/4-20	7
21	19284GT	SCREW,FHS,1/4-20 X .63	7
22	47480GT	FORMING,BATTERY STOP	4
23	47478GT	BUMPER, RUBBER, 1"OD X .461H (2.5 cm)	8

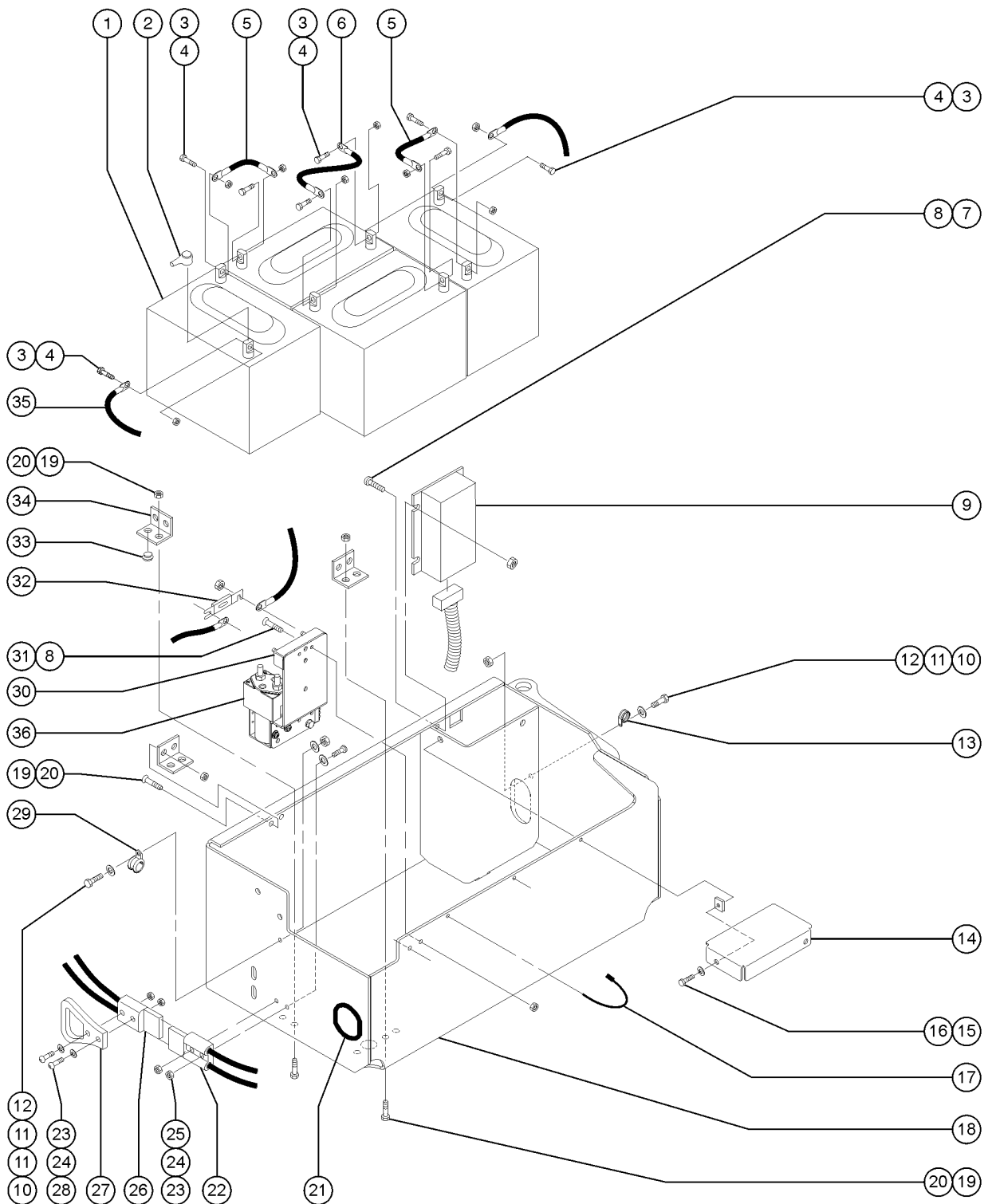
204.3 Battery Pack Module (from serial number 18704 to 35799)



204.3 Battery Pack Module (from serial number 18704 to 35799)

Item	Part No.	Description	Qty.
24	47232GT	GROMMET,RUBBER 2 X 2.75 (5.1 x 7 cm)	2
25		Ref. Battery Cable Assembly (refer to Figure 215.1 or 215.2)	2
25-	66397GT	QUICK DISCONNECT CASING, BATT** (housing)	2
26	6357GT	NUT,HEX,1/4-20	4
27	6356GT	WASHER, LOCK, .25	4
28	6145GT	SCREW, HHC, 1/4-20 X 1.5	2
29		Ref. Battery Cable Assembly (refer to Figure 215.1 or 215.2)	2
29-	19436GT	CONNECTOR,ANDERSON SB 175*** (includes contacts with wire)	2
30	44716GT	HANDLE,ANDERSON CONNECTOR SB	1
31	11966GT	SCREW,BHHS,1/4-20 X 1.5	2
32	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH* (1.9 cm)	1
33	66717GT	FUSE BLOCK, ANN & ANL FUSE (includes mounting fasteners)	1
34	6873GT	SCREW,FHM,10-32 X 1	2
35	40833GT	FUSE, 275AMP, VERY FAST ACTING	1
36		Ref. Battery Cable Assembly (refer to Figure 215.1 or 215.2)	1
37	219492GT	ASSM,CONTACTOR KIT,GS (for machines to SN 62710 that have not had a contactor kit previously installed)	1
37-	219493GT	BRACKET,CONTACTOR,GS (for machines to SN 62710 that have not had a contactor kit previously installed)	1
37-	219494GT	HARNESS,CONTACTOR,GS (for machines to SN 62710 that have not had a contactor kit previously installed)	1

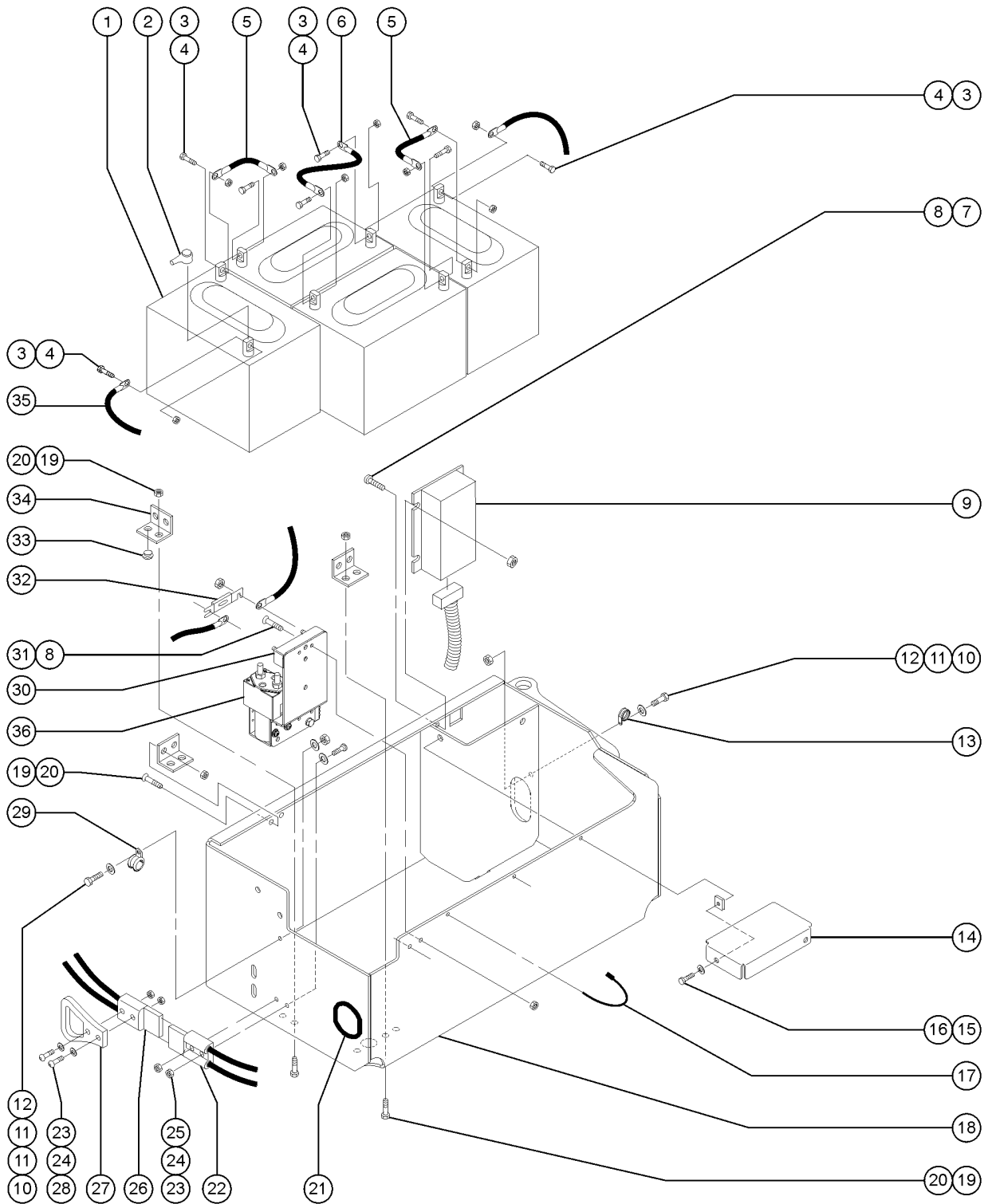
204.4 Battery Pack Module (from serial number 35800)



204.4 Battery Pack Module (from serial number 35800)

Item	Part No.	Description	Qty.
1	76502GT	BATTERY,T105 W/LPT,3 CAP,DRY** no longer available (contact customer service)	4
1B	76494GT	BATTERY, 6V, 225AH, T105, ELPT	4
2	96110GT	BOOT, CABLE, TERMINAL COVER	8
3	13002GT	SCREW,HHC,5/16-18 X 1 GR5	8
4	6037GT	NUT,HEX,5/16-18,GR5	8
5		Ref. Battery Cable Assembly (refer to Figure 215.2)	8
6		Ref. Battery Cable Assembly (refer to Figure 215.2)	8
7	6147GT	SCREW,RHM,10-32 X 1	2
8	6178GT	NUT, NYLOCK, 10-32, SS	4
9	78725GT	ECU,SLAB,GEN4*** (from 17408 to 59999)	1
10	6090GT	SCREW, HHC, 1/4-20 X .75	4
11	6638GT	WASHER, FLAT, USS, 1/4"Y	4
12	6091GT	NUT, NYLOCK, 1/4-20	4
13	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	1
14	47923GT	FORMING,ECM LID	1
14A	78321GT	FORMING,ECM COVER,NIKKEN (Nikken models only)	1
15	11968GT	SCREW,BHHS,1/4-20 X 1	1
16	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
17	6578GT	CABLE TIE, 7 3/8"	1
18	48708GT	BAT. TRAY ASSY W/WORD DEC,GS30 (includes item 21)	1
18A	115426GT	BAT. TRAY ASSY W/DEC,GS30 NIKN	
19	19284GT	SCREW,FHS,1/4-20 X .63	7
20	6889GT	NUT,LP NYLOCK,1/4-20	7
21	47232GT	GROMMET,RUBBER 2 X 2.75	2
22		Ref. Battery Cable Assembly (refer to Figure 215.2)	2
22	66397GT	QUICK DISCONNECT CASING, BATT**	2
23	6357GT	NUT,HEX,1/4-20 EE model	4
24	6356GT	WASHER, LOCK, .25 EE model	4

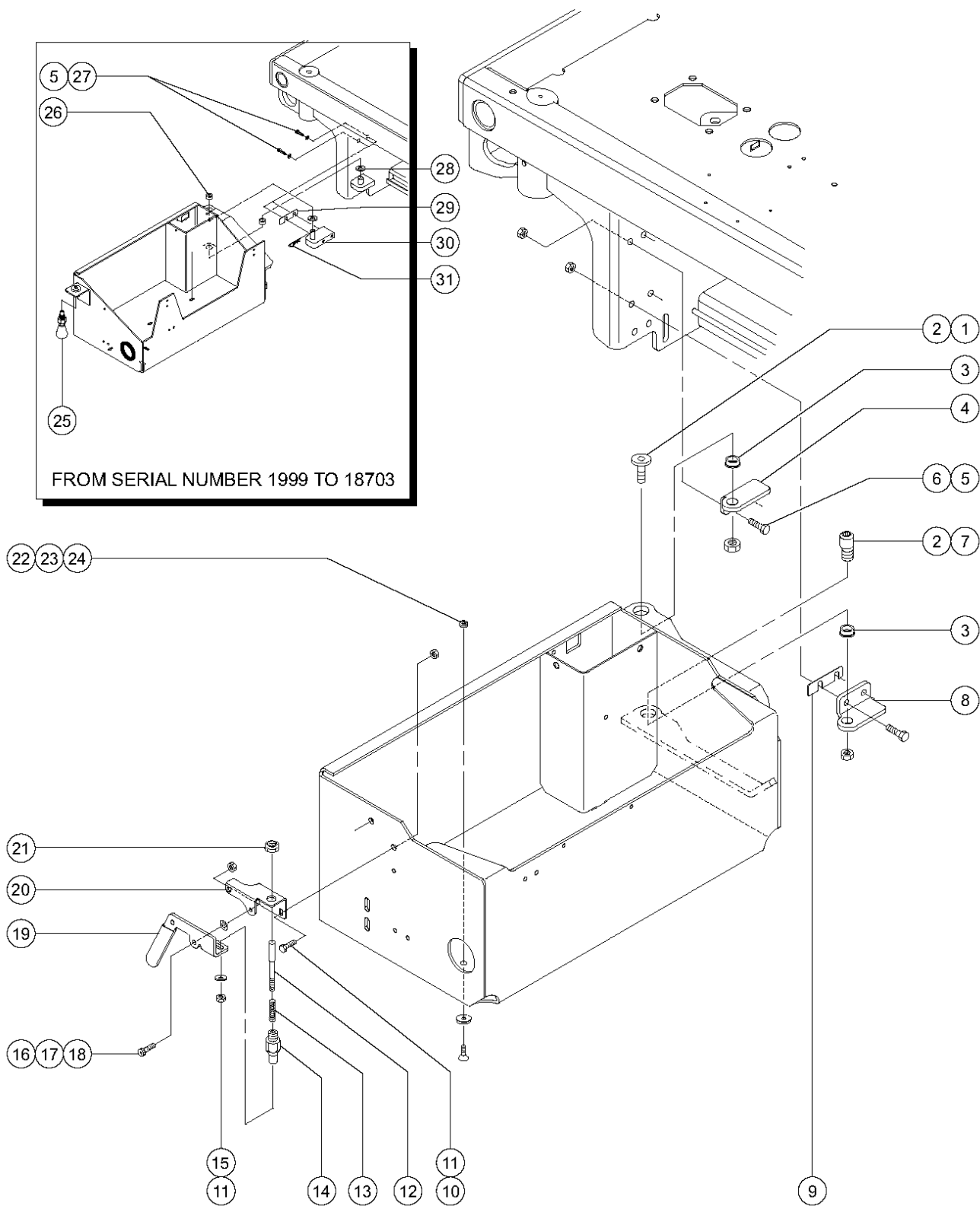
204.4 Battery Pack Module (from serial number 35800)



204.4 Battery Pack Module (from serial number 35800)

Item	Part No.	Description	Qty.
25	6145GT	SCREW, HHC, 1/4-20 X 1.5	2
26		Ref. Battery Cable Assembly	2
		(refer to Figure 215.2)	
26	19436GT	CONNECTOR, ANDERSON SB 175***	2
		(include contacts with wire)	
27	44716GT	HANDLE, ANDERSON CONNECTOR SB	1
		EE model	
28	11966GT	SCREW, BHHS, 1/4-20 X 1.5	2
		EE model	
29	45454GT	CLAMP, 0.75, #12 X 3/8, RUB CUSH*	1
		EE model	
30	66717GT	FUSE BLOCK, ANN & ANL FUSE	1
		(includes mounting fasteners)	
31	6873GT	SCREW, FHM, 10-32 X 1	2
32	40833GT	FUSE, 275AMP, VERY FAST ACTING	1
33	47478GT	BUMPER, RUBBER, 1"OD X .461H	6
34	47480GT	FORMING, BATTERY STOP	3
35		Ref. Battery Cable Assembly	3
		(refer to Figure 215.2)	
36	219492GT	ASSM, CONTACTOR KIT, GS	1
		(for machines to SN 62710 that have not had a contactor kit previously installed)	
36-	219493GT	BRACKET, CONTACTOR, GS	1
		(for machines to SN 62710 that have not had a contactor kit previously installed)	
36-	219494GT	HARNESS, CONTACTOR, GS	1
		(for machines to SN 62710 that have not had a contactor kit previously installed)	

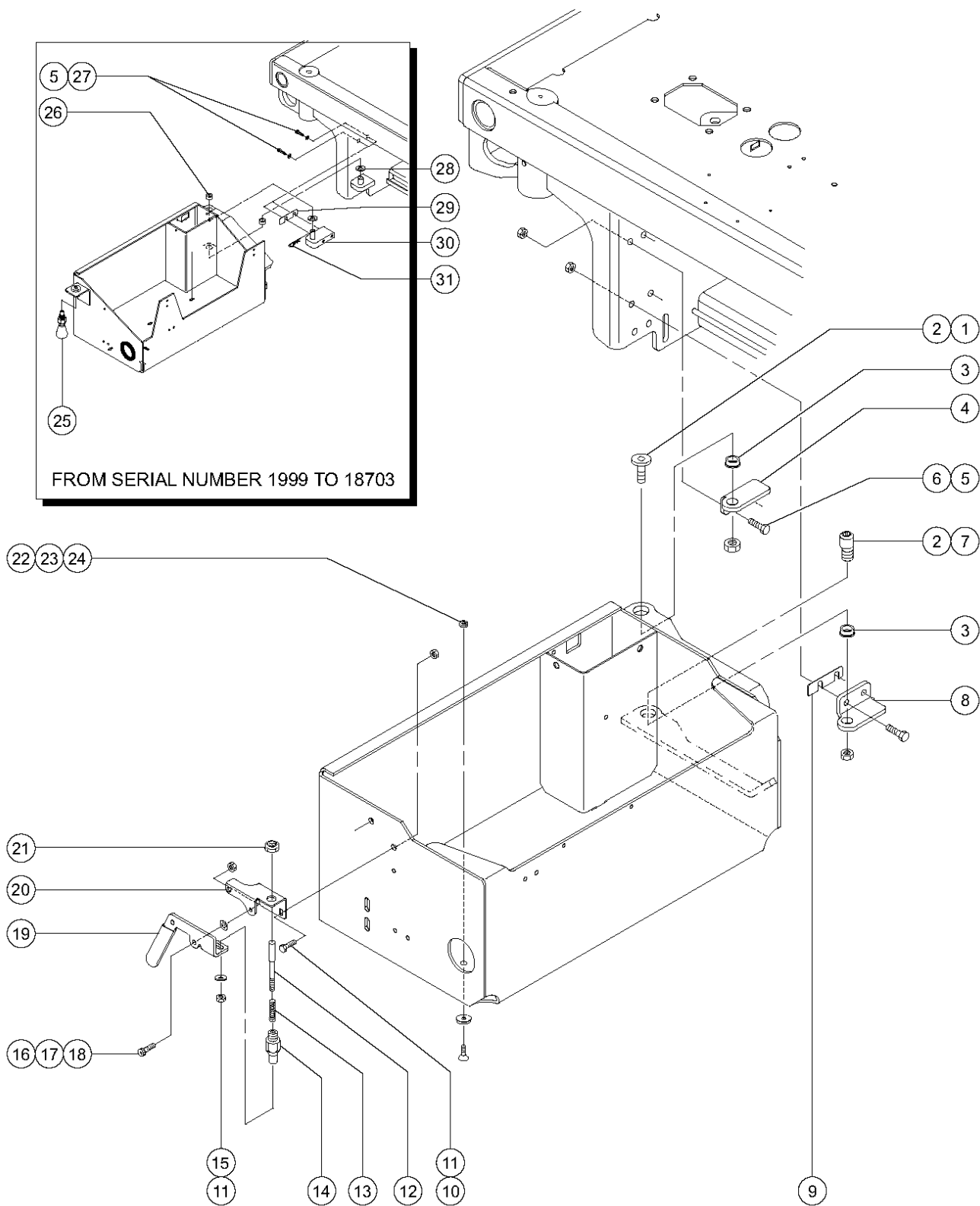
205.1 Battery Pack Module Installation (from serial number 18704 to 35799)



205.1 Battery Pack Module Installation (from serial number 18704 to 35799)

Item	Part No.	Description	Qty.
1	47255GT	BOLT, SHORT SHOULDER	1
2	38028GT	NUT, LP NYLOCK, 5/8-11	2
3	47548GT	BEARING, FLANGE, 0.75 I.D. x 1.00 O.D. x 0.49 L. (0.75 x 1 x 0.38 inch) (1.91 x 2.54 x 0.97 cm)	2
4	47324GT	BRACKET, BOX HINGE, LH-UP/RH-LO	1
5	10597GT	SCREW, HHC, 1/2-13 X 1.25 GR5	4
6	6086GT	NUT, LP NYLOCK, 1/2-13	4
7	55983GT	PIN-THREADED SHLDR OFFS, 5/8-11	2
8	47323GT	BRACKET, BOX HINGE, RH-UP/LH-LO	1
9	47342GT	SPACER, MODULE TRAY, .030 THK. (0.762 mm) (quantity listed for this item is approximate. Actual quantity may vary, to ensure proper fit)	2
9-	47455GT	SPACER, MODULE TRAY, .075 THK. (1.905 mm) (quantity listed for this item is approximate. Actual quantity may vary, to ensure proper fit)	2
10	33681GT	SCREW, HHC, 3/8-16 X .625	2
11	7713GT	NUT, LP NYLOCK, 3/8-16	3
12	39470GT	PIN, LOCK	1
13	39469GT	SPRING, COMPRESSION .485 X 1.75**	1
14	41630GT	HOUSING, LOCK PIN	1
15	6097GT	WASHER, FLAT, USS, 3/8", Y	1
16	1259223GT	BOLT, SHS, 3/8 X .375 X 5/16-18, ZAG	1
17	47228GT	WASHER, NYLON, .406 X .750 X .032	1
18	6782GT	NUT, NYLOCK, 5/16-18	1
19	46347GT	HANDLE-LOCK, BATT. MOD, LEFT SIDE	1
19-	44733GT	HANDLE COVER, PLASTIC	1
20	47325GT	BRACKET, LOCK PIN, LEFT	1
21	8538GT	NUT, LP NYLOCK, 3/4-10	1
22	6889GT	NUT, LP NYLOCK, 1/4-20	1
23	47793GT	BUMPER, MODULE TRAY (0.266 I.D. x 1.25 O.D. x 0.25 inch) (0.676 x 3.18 x 0.64 cm)	1
24	19284GT	SCREW, FHS, 1/4-20 X .63	1
25		Ref. Lock Pin Assembly	1
		(refer to Figure 204.1)	

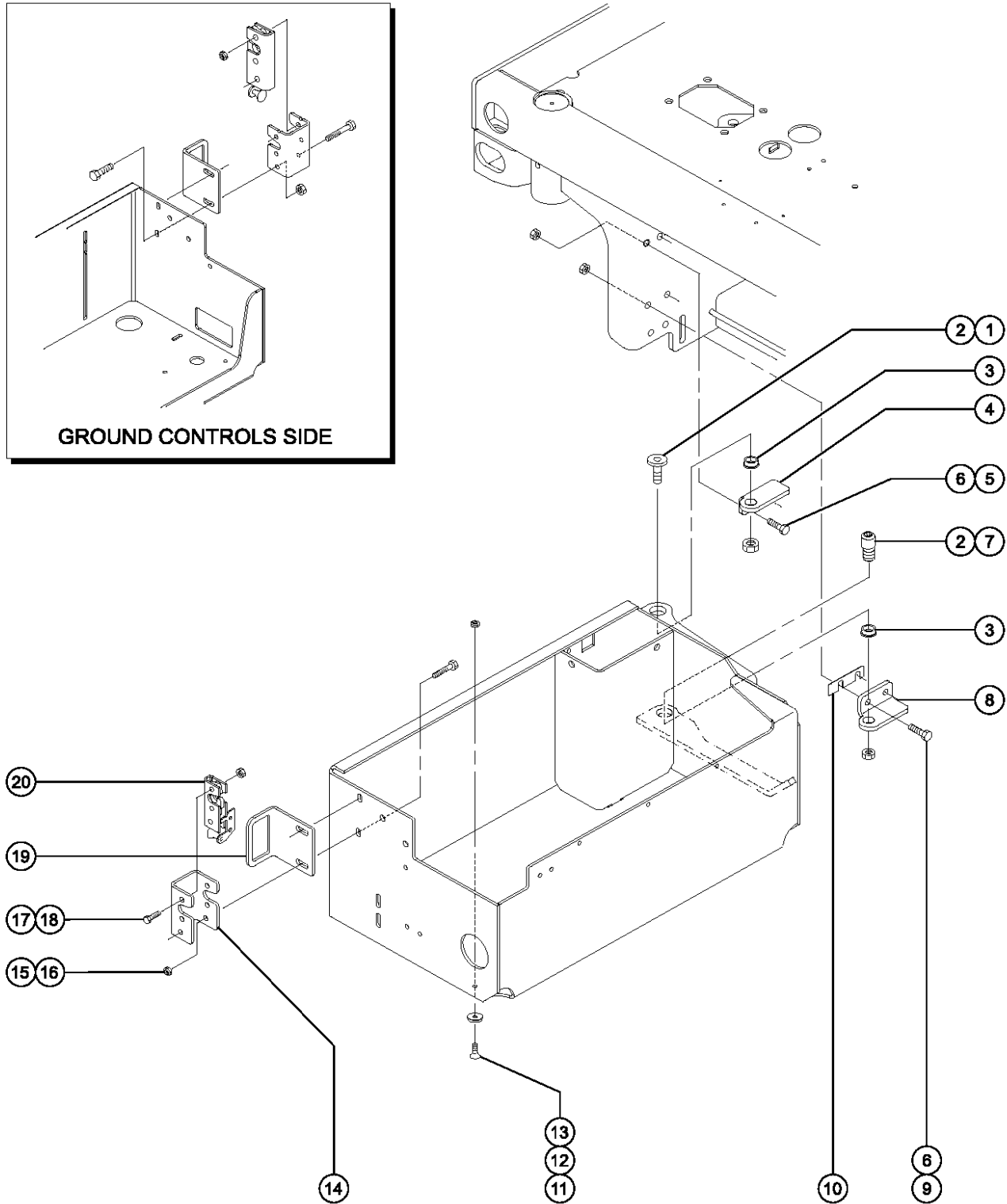
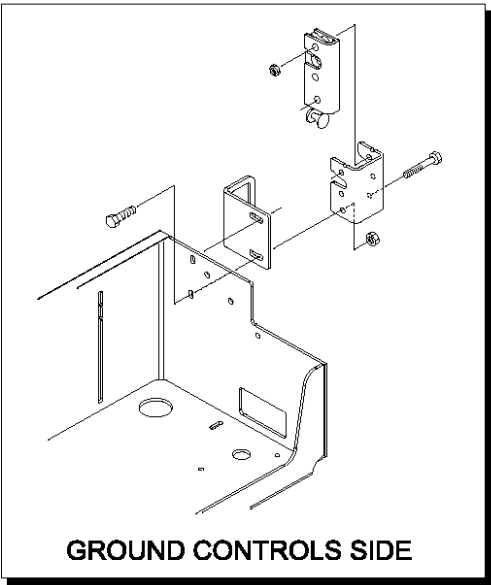
205.1 Battery Pack Module Installation (from serial number 18704 to 35799)



205.1 Battery Pack Module Installation (from serial number 18704 to 35799)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
26	36369GT	BEARING,0.75IDX1.00ODX0.75L (1.91 x 2.5 x 1.91 cm)	2
27	6033GT	WASHER,LOCK,0.5"	2
28	39244GT	SPACER,MODULE TRAY	2
29	39447GT	SPACER,MODULE,.06 THK. Quantity listed for this item is approximate. Actual quantity may vary, to ensure proper fit. ..	1
30	39297PGT	HINGE WELDMENT,TOP LH,PAINTED	1
31	5135GT	CLIP,HAIR PIN .094 X 2.5	2

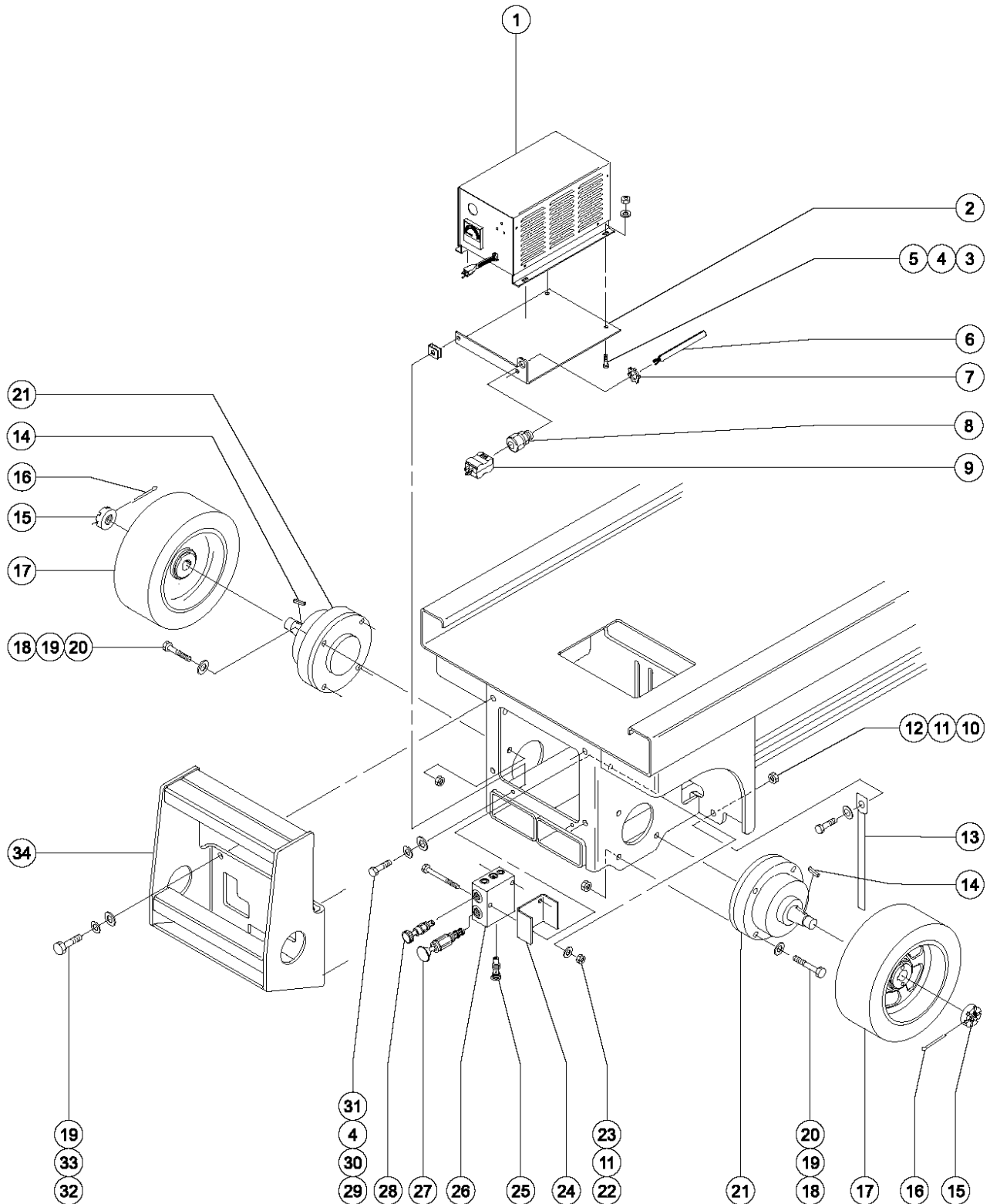
205.2 Battery Pack Module Installation (from serial number 35800)



205.2 Battery Pack Module Installation (from serial number 35800)

Item	Part No.	Description	Qty.
	65967GT	HANDLE-ROTATOR LATCH ASSY LS (battery pack side) (includes items 14-20) (EE model)	
1	47255GT	BOLT, SHORT SHOULDER	1
2	38028GT	NUT, LP NYLOCK, 5/8-11	2
3	47548GT	BEARING, FLANGE, 0.75ID X 1.00OD X 0.49L (0.75 x 1 x 0.38 inch) (1.91 x 2.54 x 0.97 cm)	2
4	47324GT	BRACKET, BOX HINGE, LH-UP/RH-LO	1
5	10597GT	SCREW, HHC, 1/2-13 X 1.25 GR5	4
6	6086GT	NUT, LP NYLOCK, 1/2-13	4
7	55983GT	PIN-THREADED SHLDR OFFS, 5/8-11	2
8	47323GT	BRACKET, BOX HINGE, RH-UP/LH-LO	1
9	51496GT	SCREW, HHC, 1/2-13 X 1.375	2
10	47342GT	SPACER, MODULE TRAY, .030 THK. (0.762 mm) (Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit.)	2
10-	47455GT	SPACER, MODULE TRAY, .075 THK. (1.905 mm) (Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit.)	2
11	19284GT	SCREW, FHS, 1/4-20 X .63	1
12	47793GT	BUMPER, MODULE TRAY (0.266 I.D. x 1.25 O.D. x 0.25 inch) (0.676 x 3.18 x 0.64 cm)	1
13	6889GT	NUT, LP NYLOCK, 1/4-20	1
14	65982GT	BRACKET-LATCH MOUNT, BAT MOD	1
15	6782GT	NUT, NYLOCK, 5/16-18	1
16	13002GT	SCREW, HHC, 5/16-18 X 1 GR5	2
17	13000GT	SCREW, HHC, 5/16-18 X 1.375, 8, ZAG	2
18	6002GT	NUT, LP NYLOCK, 5/16-18	2
19	66871GT	FORMING, MOD TRAY HANDLE	1
20	66900GT	LATCH, ROTARY, W/KNOB, LEFT (battery side)	1
20A	66901GT	LATCH, ROTARY, W/KNOB, RIGHT (ground controls side)	1

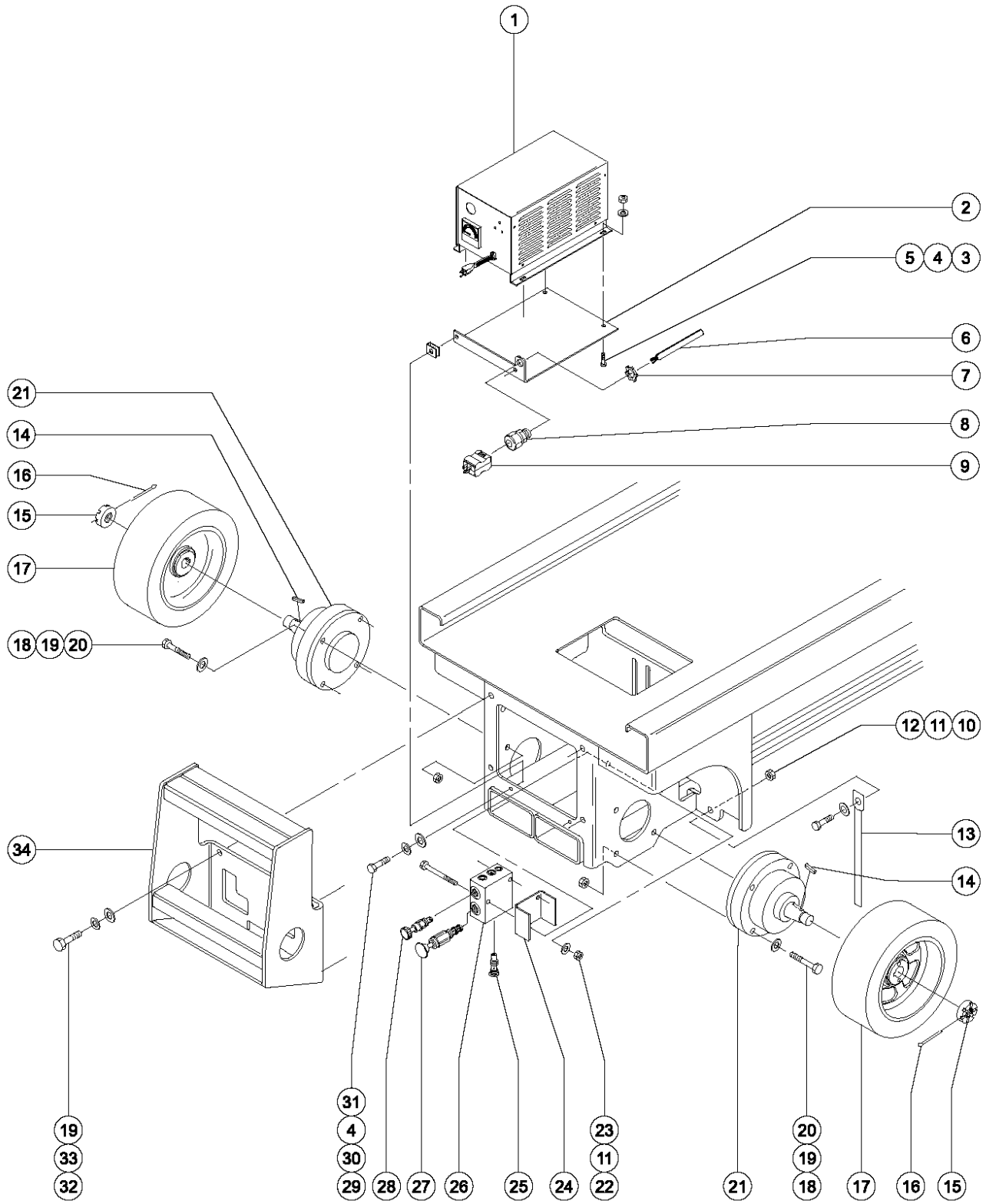
206.1 Non-steer Axle, Counterweights and Brake Release Hand Pump (to SN 29767), GS-1530



206.1 Non-steer Axle, Counterweights and Brake Release Hand Pump (to SN 29767), GS-1530

Item	Part No.	Description	Qty.
-	78589GT	WLDMT, AUS CW, RIGHT GS-1530/1532 CE (under chassis above right rear wheel)	1
-	78630GT	WLDMT,AUS CW,LEFT GS-1530/1532 CE (under chassis above left rear wheel)	1
-	78949GT	PLATE, AUS. CW, CORNER GS-1530/1532 (ladder counterweight)	24
1		Ref. Charger - Battery (refer to Figures 203.1, 203.2 or 203.3)	
2	39271GT	CHARGER MOUNT PLATE	1
3	6090GT	SCREW, HHC, 1/4-20 X .75	4
4	6638GT	WASHER, FLAT, USS, 1/4"Y	6
5	6889GT	NUT,LP NYLOCK,1/4-20	4
6A	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT* GS-1530 (2.08 mm2) (5.79 m)	228
7	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
8	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
9		Ref. Electrical Plug, 110V AC (refer to Figures 203.1, 203.2 or 203.3)	1
10	7713GT	NUT, LP NYLOCK, 3/8-16	2
11	6097GT	WASHER, FLAT, USS, 3/8", Y	4
12	6175GT	SCREW,HHC,3/8-16 X 1	2
13	96317GT	GROUND STRAP,12"LG*** (30.48 cm)	1
14	44781GT	KEY,RECTANGULAR,.31X.28X1.25** (0.79 x 0.71 x 3.18 cm)	2
15	44780GT	NUT,CASTLE,1.125-18 UNEF	2
16	13635-10GT	PIN,COTTER,.156 X 1.75	2
17	105122GT	WHEEL & TIRE ASSY,LP,12"***** Solid, Non-marking	2
18	10598GT	SCREW,HHC,1/2-13 X 3	8
19	6095GT	WASHER,FLAT,USS,1/2",Y	12
20	6198GT	NUT, NYLOCK, 1/2-13	8
21A		BRAKE,MICO (40841) Mico (component no longer available) (refer to p/n 96416 for 1st time replacement)	1
21A-	44828GT	SEAL KIT,BRAKE,MICO*** (for p/n 40841 Mico brake)	
21A-	44829GT	BEARING,BRK,MICO ** (for p/n 40841 Mico brake)	
21B		SERVICE KIT,BRAKE,14.2 IN 3*** (1st time replacement for Mico brakes) (must be repaired as a set) (contains two brakes p/n 96257 and mounting hardware). no longer available	1
21B	96257GT	BRAKE,HYDRAULIC*** (use after 1st time replacement) (no seal kit available)	2

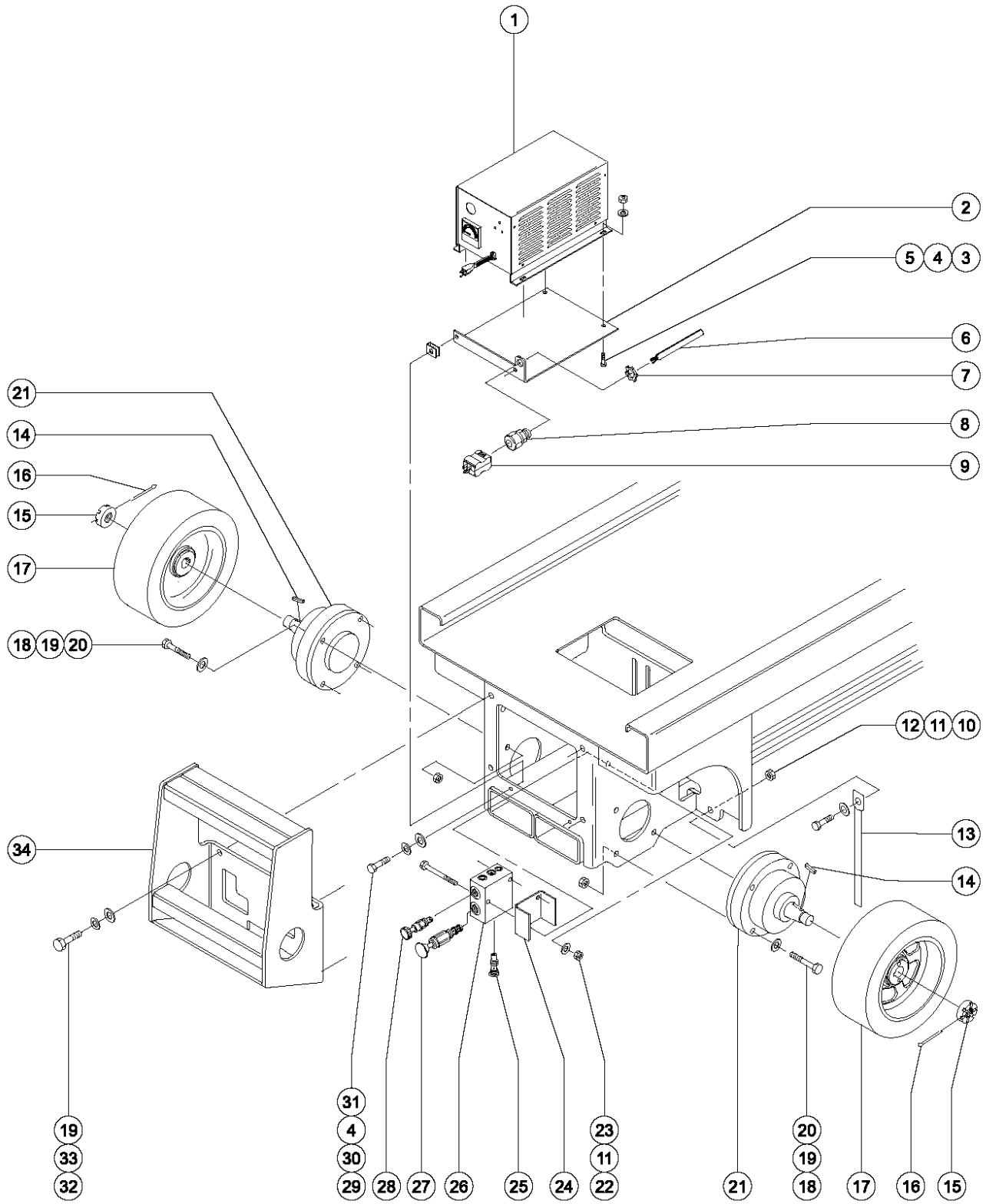
206.1 Non-steer Axle, Counterweights and Brake Release Hand Pump (to SN 29767), GS-1530



206.1 Non-steer Axle, Counterweights and Brake Release Hand Pump (to SN 29767), GS-1530

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
21B-	8357GT	SCREW, HHC, 1/2-13 X 3.5	8
22	4828GT	NUT, NYLOCK, 3/8-16	2
23	12981GT	SCREW,HHC,3/8-16 X 4.5	2
24	39559GT	CHANNEL,BRAKE RELEASE MNFLD MT	1
25		Ref. Valve, Shuttle (refer to Fig. 213.1)	1
26		Ref. Manifold, Brake Release Hand Pump (refer to Fig. 213.1)	1
27		Ref. Valve, Hand Pump (refer to Fig. 213.1)	1
28		Ref. Valve, Check, Pilot-operated (refer to Fig. 213.1)	1
29	6888GT	SCREW, HHC, 1/4-20 X 1	2
30	6356GT	WASHER, LOCK, .25	2
31	56912GT	SPRING CLIP, 1/4-20,.025-.15X.54,ZAG	2
32	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	4
33	6033GT	WASHER,LOCK,0.5"	4
34	44742GT	LADDER WELD W/DECALS GS30MINI	1

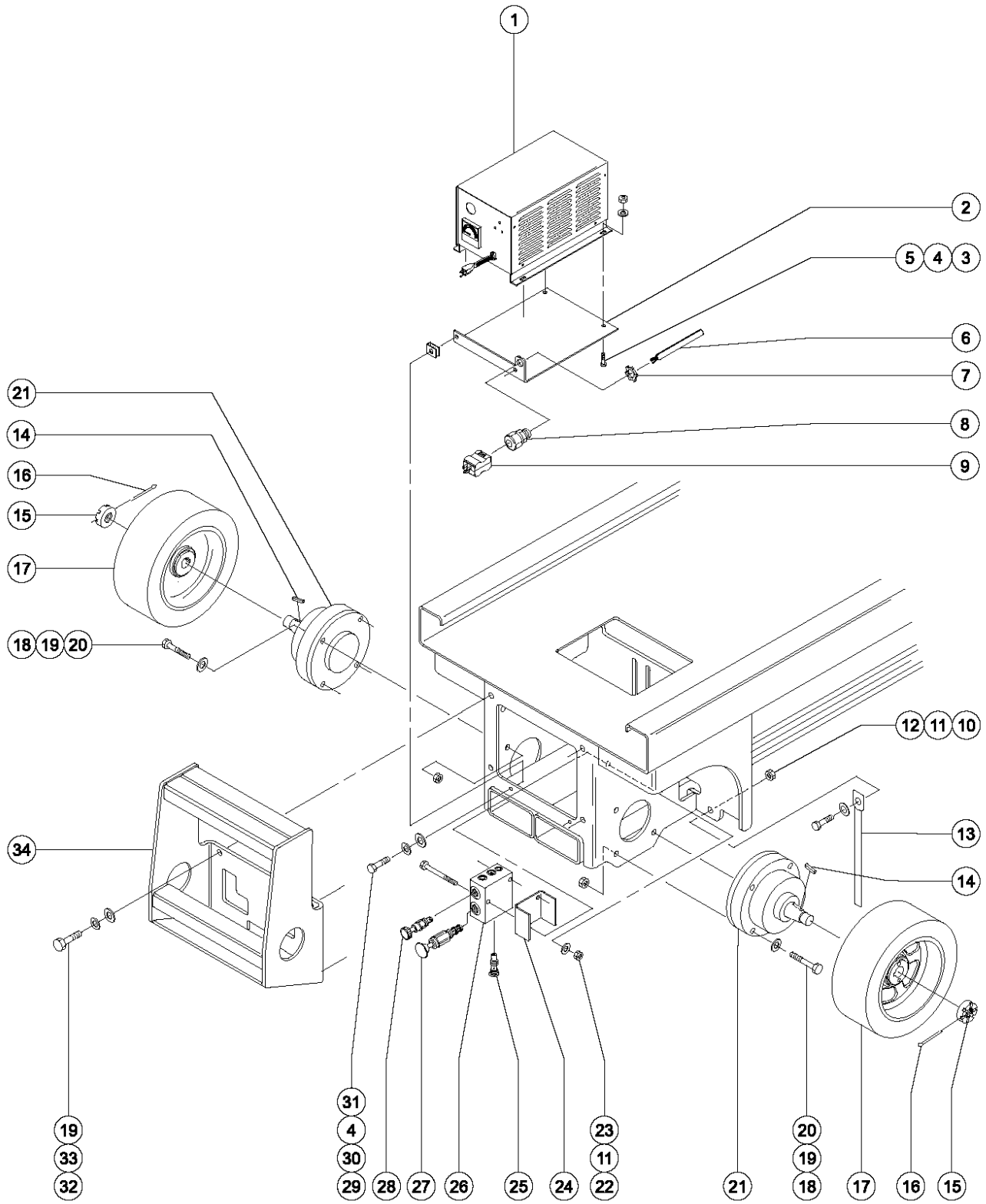
206.2 Non-steer Axle, Counterweights and Brake Release Hand Pump (to SN 29767), GS-1930



206.2 Non-steer Axle, Counterweights and Brake Release Hand Pump (to SN 29767), GS-1930

Item	Part No.	Description	Qty.
-	78589GT	WLDMT, AUS CW, RIGHT GS-1530/1532 CE (under chassis above right rear wheel)	1
-	78630GT	WLDMT,AUS CW,LEFT GS-1530/1532 CE (under chassis above left rear wheel)	1
-	78949GT	PLATE, AUS, CW, CORNER GS-1530/1532 (ladder counterweight)	24
1		Ref. Charger - Battery (refer to Figures 203.1, 203.2 or 203.3)	
2	39271GT	CHARGER MOUNT PLATE	1
3	6090GT	SCREW, HHC, 1/4-20 X .75	4
4	6638GT	WASHER, FLAT, USS, 1/4"Y	6
5	6889GT	NUT,LP NYLOCK,1/4-20	4
6B	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT* (2.08 mm ²) (7.32 m)	288
7	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
8	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM (12.7 mm)	1
9		Ref. Electrical Plug, 110V AC (refer to Figures 203.1, 203.2 or 203.3)	1
10	7713GT	NUT, LP NYLOCK, 3/8-16	2
11	6097GT	WASHER, FLAT, USS, 3/8", Y	4
12	6175GT	SCREW,HHC,3/8-16 X 1	2
13	96317GT	GROUND STRAP,12"LG*** (30.48 cm)	1
14	44781GT	KEY,RECTANGULAR,.31X.28X1.25** (0.79 x 0.71 x 3.18 cm)	2
15	44780GT	NUT,CASTLE,1.125-18 UNEF	2
16	13635-10GT	PIN,COTTER,.156 X 1.75	2
17	105122GT	WHEEL & TIRE ASSY,LP,12"***** (non-marking)	2
18	10598GT	SCREW,HHC,1/2-13 X 3	8
19	6095GT	WASHER,FLAT,USS,1/2",Y	12
20	6198GT	NUT, NYLOCK, 1/2-13	8
21A		BRAKE,MICO (40841) Mico (component no longer available) (refer to p/n 96416 for 1st time replacement)	2
21A-	44828GT	SEAL KIT,BRAKE,MICO*** (for p/n 40841 Mico brake)	
21A-	44829GT	BEARING,BRK,MICO ** (for p/n 40841 Mico brake)	
21B		SERVICE KIT,BRAKE,14.2 IN 3*** (1st time replacement for Mico brakes) (must be repaired as a set) (contains two brakes p/n 96257 and mounting hardware). no longer available	1
21B	96257GT	BRAKE,HYDRAULIC*** (use after 1st time replacement) (no seal kit available)	2

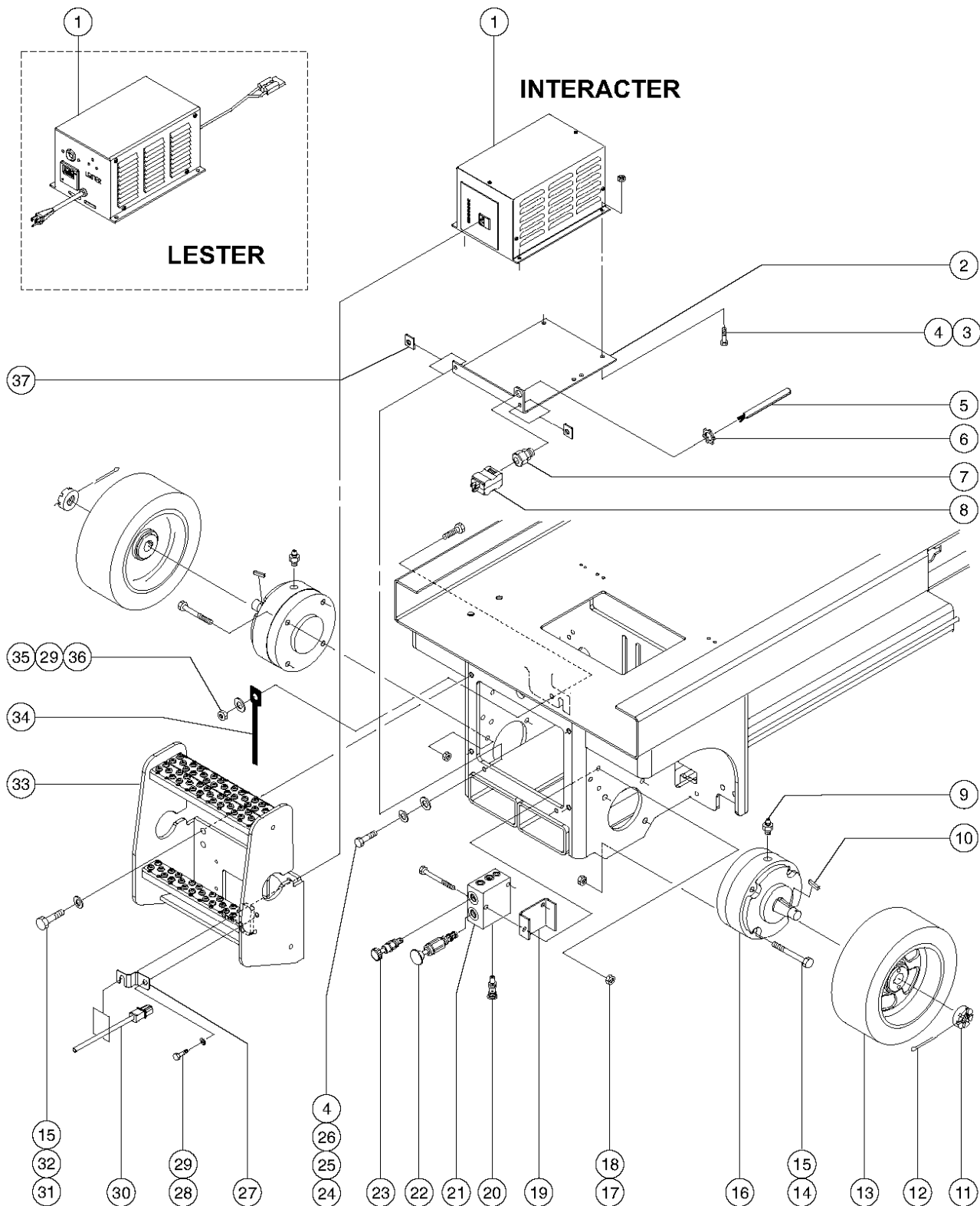
206.2 Non-steer Axle, Counterweights and Brake Release Hand Pump (to SN 29767), GS-1930



206.2 Non-steer Axle, Counterweights and Brake Release Hand Pump (to SN 29767), GS-1930

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
21B-	8357GT	SCREW, HHC, 1/2-13 X 3.5	8
22	4828GT	NUT, NYLOCK, 3/8-16	2
23	12981GT	SCREW,HHC,3/8-16 X 4.5	2
24	39559GT	CHANNEL,BRAKE RELEASE MNFLD MT	1
25		Ref. Valve, Shuttle (Refer to Figure 213.1)	1
25		Ref. Manifold, brake Release Hand Pump (Refer to Figure 213.1)	1
26		Ref. Valve, Hand Pump (Refer to Figure 213.1)	1
27		Ref. Valve, Check, Pilot-operated (Refer to Figure 213.1)	1
29	6888GT	SCREW, HHC, 1/4-20 X 1	2
30	6356GT	WASHER, LOCK, .25	2
31	56912GT	SPRING CLIP, 1/4-20,.025-.15X.54,ZAG	2
32	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	4
33	6033GT	WASHER,LOCK,0.5"	4
34	44742GT	LADDER WELD W/DECALS GS30MINI	1

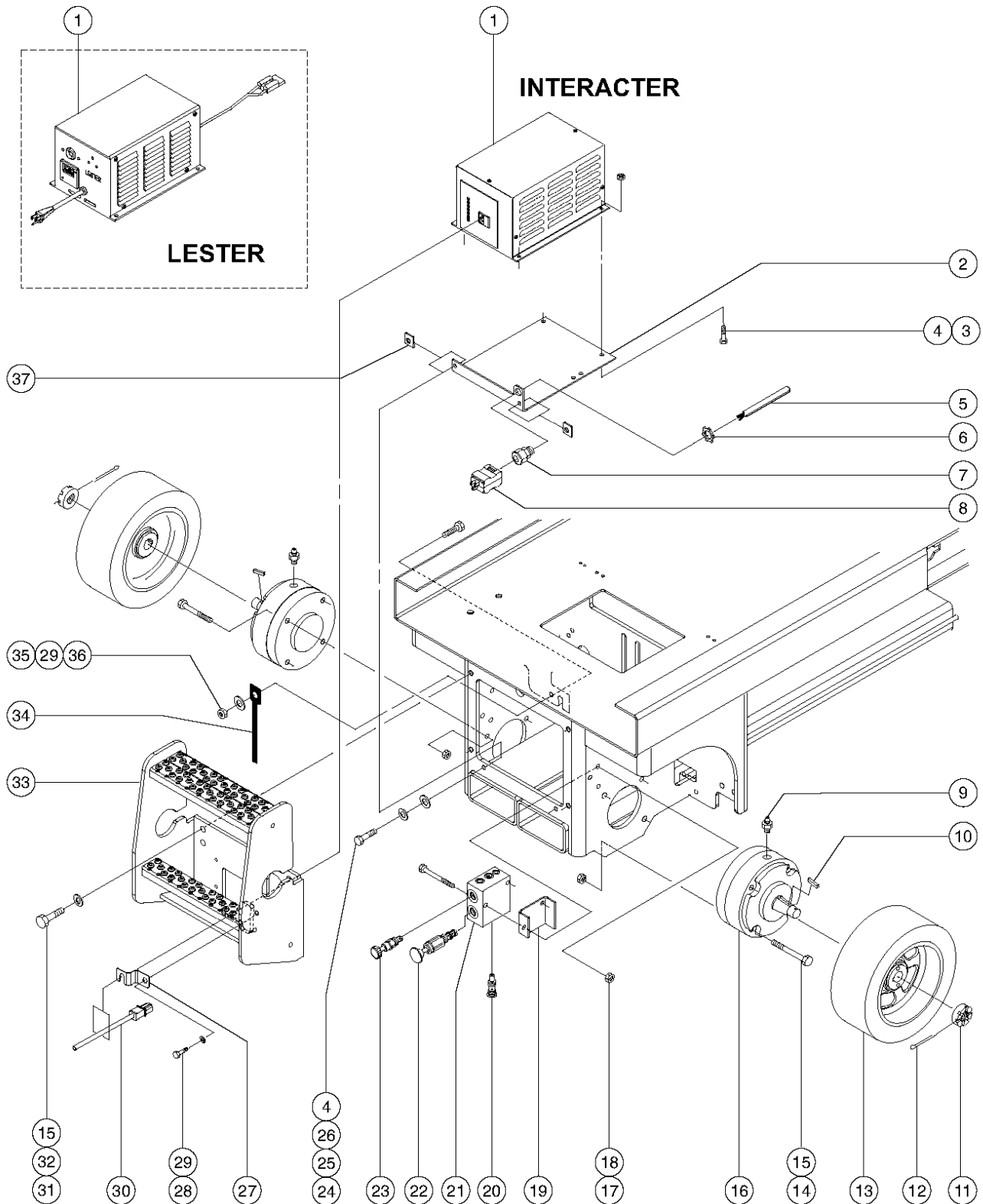
206.3 Non-steer Axle, Counterweights and Brake Release Hand Pump (from SN 29768), GS-1530



206.3 Non-steer Axle, Counterweights and Brake Release Hand Pump (from SN 29768), GS-1530

Item	Part No.	Description	Qty.
-	78589GT	WLDMT, AUS CW, RIGHT GS-1530/1532 CE (under chassis above right rear wheel)	
-	78630GT	WLDMT,AUS CW,LEFT GS-1530/1532 CE (under chassis above left rear wheel)	
-	78949GT	PLATE, AUS, CW, CORNER GS-1530/1532 (ladder counterweight)	
1		Ref. Battery Chargers (refer to Figures 203.1, 203.2 or 203.3)	
2	39271GT	CHARGER MOUNT PLATE	1
3	8914GT	SCREW, HHC, 1/4-20 X .625	4
4	6091GT	NUT, NYLOCK, 1/4-20	8
5A	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT* GS-1530 (2.08 mm ²) (5.79 m)	228
6	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
7	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM (12.7 mm)	1
8		Ref. Electrical Plug, 110V AC (refer to Figures 203.1, 203.2 or 203.3)	1
9		Ref. Fitting - Connector (refer to Figures 203.1, 203.2 or 203.3)	1
10	44781GT	KEY,RECTANGULAR,.31X.28X1.25*** (0.79 x 0.71 x 3.18 cm)	2
11	44780GT	NUT,CASTLE,1.125-18 UNEF	2
12	42079GT	PIN,COTTER,.156 X 2.5	2
13	105122GT	WHEEL & TIRE ASSY,LP,12"***** (non-marking)	2
14	10598GT	SCREW,HHC,1/2-13 X 3	8
15	6198GT	NUT, NYLOCK, 1/2-13	8
16A		BRAKE,AUSCO (66416) Ausco (component no longer available) (refer to p/n 96416 for first time replacement)	2
16A-	88000GT	SEAL KIT (66419, 66416, 74297) (for p/n 66416 Ausco brake)	
16A-	58243GT	STACK KIT*** (for p/n 66416 Ausco brake)	
16A-	58286GT	KEY,WOODRUFF,AUSCO BRAKE*** (for p/n 66416 Ausco brake)	
16B		SERVICE KIT,BRAKE,14.2 IN 3*** (1st time replacement for Ausco brakes) (must be repaired as a set) (contains two brakes p/n 96257 and mounting hardware). no longer available	
16B	96257GT	BRAKE,HYDRAULIC*** (use after 1st time replacement) (no seal kit available)	2
16B-	8357GT	SCREW, HHC, 1/2-13 X 3.5	8
17	4828GT	NUT, NYLOCK, 3/8-16	2
18	32645GT	SCREW,HHC,3/8-16 X 5 GRD 5 ZNC	2
19	39657GT	CHANNEL,BRAKE RELEASE MNFLD MT	1

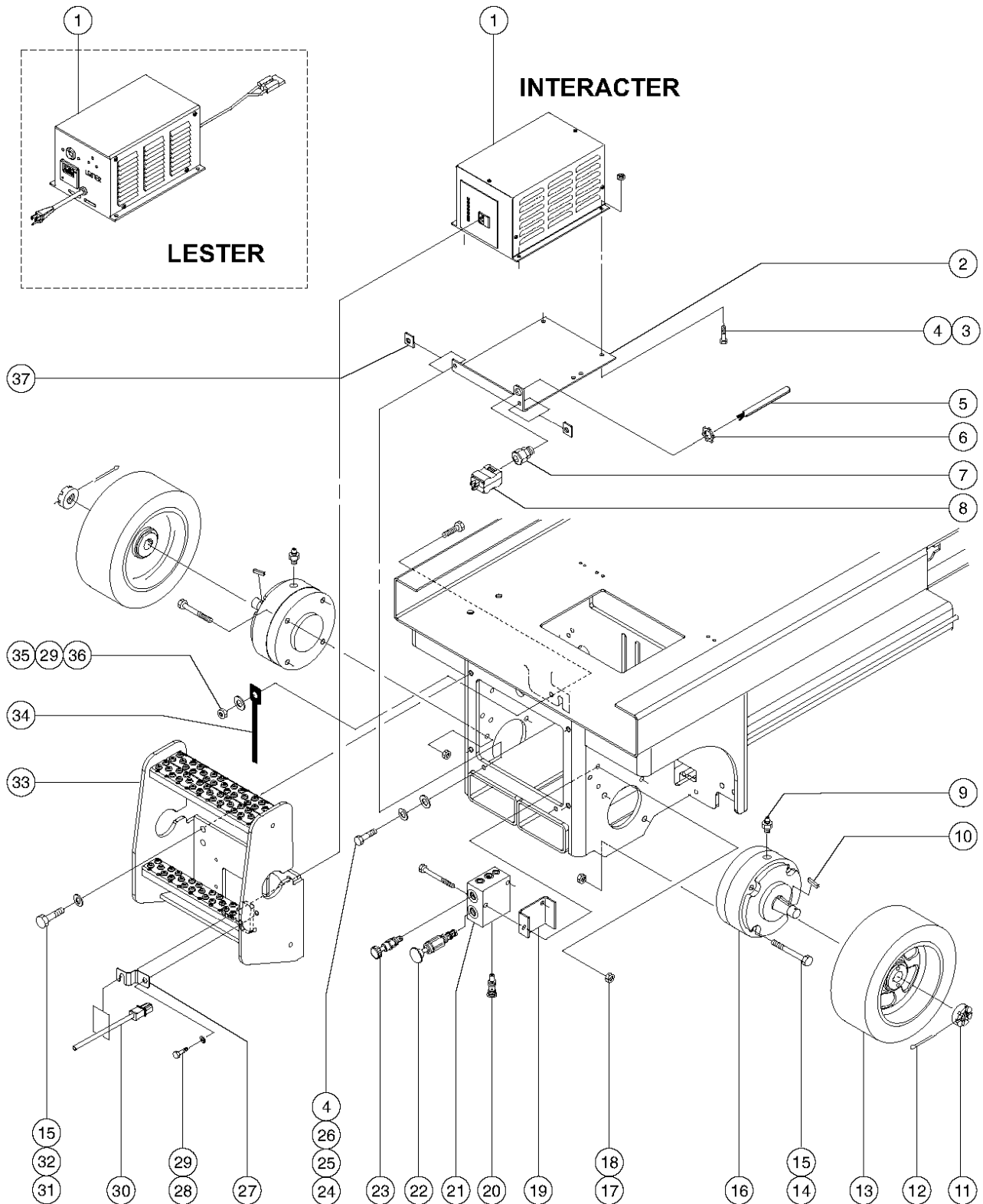
206.3 Non-steer Axle, Counterweights and Brake Release Hand Pump (from SN 29768), GS-1530



206.3 Non-steer Axle, Counterweights and Brake Release Hand Pump (from SN 29768), GS-1530

Item	Part No.	Description	Qty.
20		Ref. Valve, Shuttle (refer to Fig. 213.1)	1
20		Ref. Manifold, brake Release Hand Pump (refer to Fig. 213.1)	1
21		Ref. Valve, hand Pump (refer to Fig. 213.1)	1
22		Ref. Valve, Check, Pilot-operated (refer to Fig. 213.1)	1
24	6090GT	SCREW, HHC, 1/4-20 X .75	2
25	6356GT	WASHER, LOCK, .25	2
26	6638GT	WASHER, FLAT, USS, 1/4"Y	2
27	51346GT	BRACKET,PIGTAIL	1
28	33681GT	SCREW,HHC,3/8-16 X .625	1
29	6097GT	WASHER, FLAT, USS, 3/8", Y	2
30	51288GT	IEC PIGTAIL ***	1
31	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	4
32	6033GT	WASHER,LOCK,0.5"	4
33	44742GT	LADDER WELD W/DECALS GS30MINI	1
34	96317GT	GROUND STRAP,12"LG*** (30.5 cm)	2
35	7713GT	NUT, LP NYLOCK, 3/8-16	2
36	6175GT	SCREW,HHC,3/8-16 X 1	2
37	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2

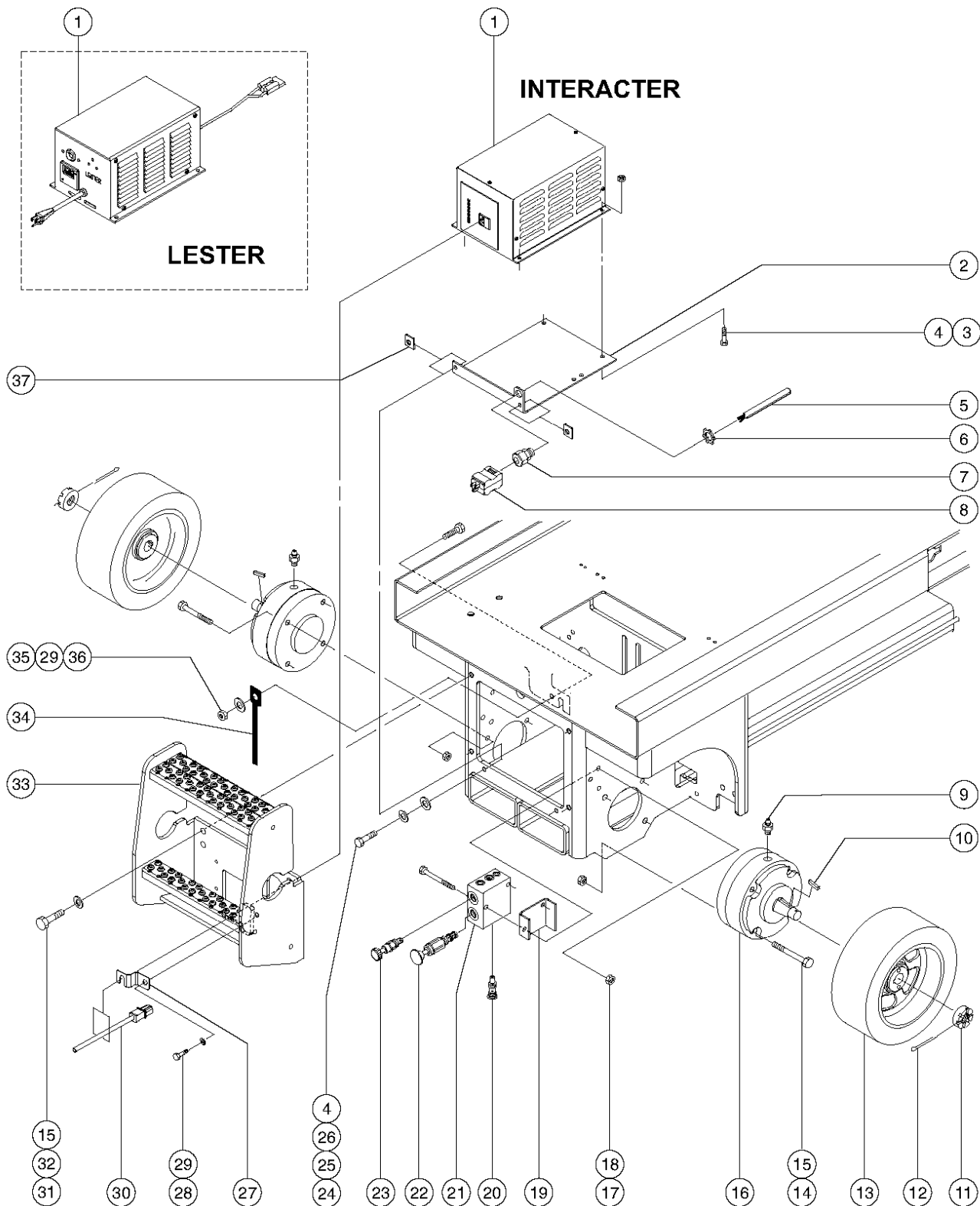
206.4 Non-steer Axle, Counterweights and Brake Release Hand Pump (from SN 29768), GS-1930



206.4 Non-steer Axle, Counterweights and Brake Release Hand Pump (from SN 29768), GS-1930

Item	Part No.	Description	Qty.
-	78589GT	WLDMT, AUS CW, RIGHT GS-1530/1532 CE (under chassis above right rear wheel)	1
-	78630GT	WLDMT,AUS CW,LEFT GS-1530/1532 CE (under chassis above left rear wheel)	1
-	78949GT	PLATE, AUS. CW, CORNER GS-1530/1532 (ladder counterweight)	24
1		Ref. Battery Chargers (refer to Figures 203.1, 203.2 or 203.3)	
2	39271GT	CHARGER MOUNT PLATE	1
3	8914GT	SCREW, HHC, 1/4-20 X .625	4
4	6091GT	NUT, NYLOCK, 1/4-20	8
5B	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT* GS-1930 (2.08 mm ²) (7.32 m)	288
6	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
7	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
8		Ref. Electrical Plug, 110V AC (refer to Figures 203.1, 203.2 or 203.3)	1
9		Ref. Fitting - Connector (refer to 214.1 or 214.2)	1
10	44781GT	KEY,RECTANGULAR,.31X.28X1.25*** (0.79 x 0.71 x 3.18 cm)	2
11	44780GT	NUT,CASTLE,1.125-18 UNEF	2
12	42079GT	PIN,COTTER,.156 X 2.5	2
13	105122GT	WHEEL & TIRE ASSY,LP,12"***** (non-marking)	2
14	10598GT	SCREW,HHC,1/2-13 X 3	8
15	6198GT	NUT, NYLOCK, 1/2-13	8
16A		BRAKE,AUSCO (66416) Ausco (component no longer available) (refer to p/n 96416 for first time replacement)	2
16A-	88000GT	SEAL KIT (66419, 66416, 74297) (for p/n 66416 Ausco brake)	
16A-	58243GT	STACK KIT*** (for p/n 66416 Ausco brake)	
16A-	58286GT	KEY,WOODRUFF,AUSCO BRAKE*** (for pn/ 66416 Ausco brake)	
16B		SERVICE KIT,BRAKE,14.2 IN 3*** (1st time replacement for Ausco brakes) (must be repaired as a set) (contains two brakes p/n 96257 and mounting hardware). no longer available	
16B	96257GT	BRAKE,HYDRAULIC*** (use after 1st time replacement) (no seal kit available)	2
16B-	8357GT	SCREW, HHC, 1/2-13 X 3.5	8
17	4828GT	NUT, NYLOCK, 3/8-16	2
18	32645GT	SCREW,HHC,3/8-16 X 5 GRD 5 ZNC	2
19	39657GT	CHANNEL,BRAKE RELEASE MNFLD MT	1

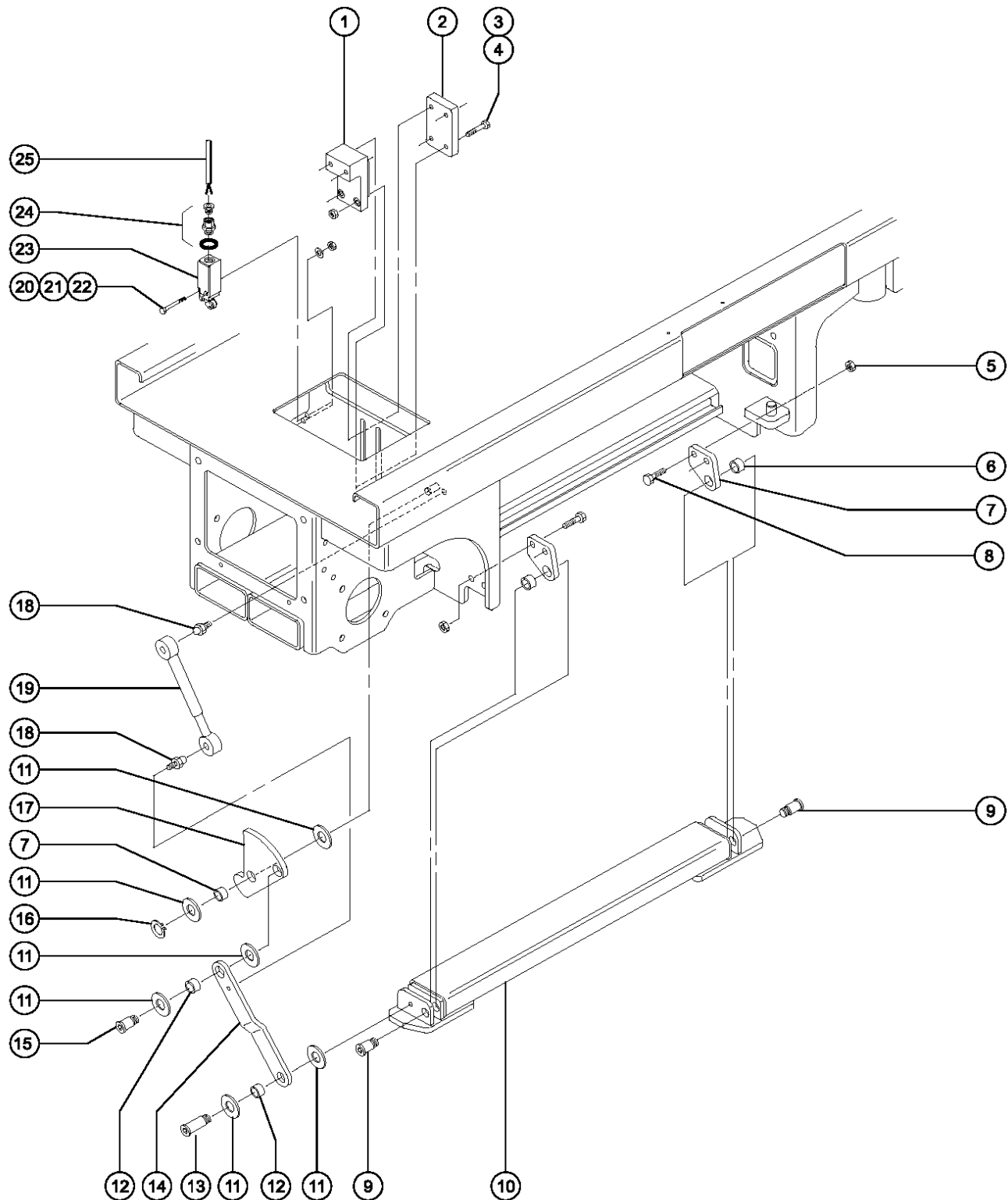
206.4 Non-steer Axle, Counterweights and Brake Release Hand Pump (from SN 29768), GS-1930



206.4 Non-steer Axle, Counterweights and Brake Release Hand Pump (from SN 29768), GS-1930

Item	Part No.	Description	Qty.
20		Ref. Valve, Shuttle (Refer to Figure 213.1)	1
21		Ref. Manifold, Brake Release Hand Pump (Refer to Figure 213.1)	1
22		Ref. Valve, Hand Pump (Refer to Figure 213.1)	1
23		Ref. Valve, Check, Pilot-operated (Refer to Figure 213.1)	1
24	6090GT	SCREW, HHC, 1/4-20 X .75	2
25	6356GT	WASHER, LOCK, .25	2
26	6638GT	WASHER, FLAT, USS, 1/4"Y	2
27	51346GT	BRACKET,PIGTAIL	1
28	33681GT	SCREW,HHC,3/8-16 X .625	1
29	6097GT	WASHER, FLAT, USS, 3/8", Y	2
30	51288GT	IEC PIGTAIL***	1
31	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	4
32	6033GT	WASHER,LOCK,0.5"	4
33	44742GT	LADDER WELD W/DECALS GS30MINI	1
34	96317GT	GROUND STRAP,12"LG*** (30.5 cm)	2
35	7713GT	NUT, LP NYLOCK, 3/8-16	2
36	6175GT	SCREW,HHC,3/8-16 X 1	2
37	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2

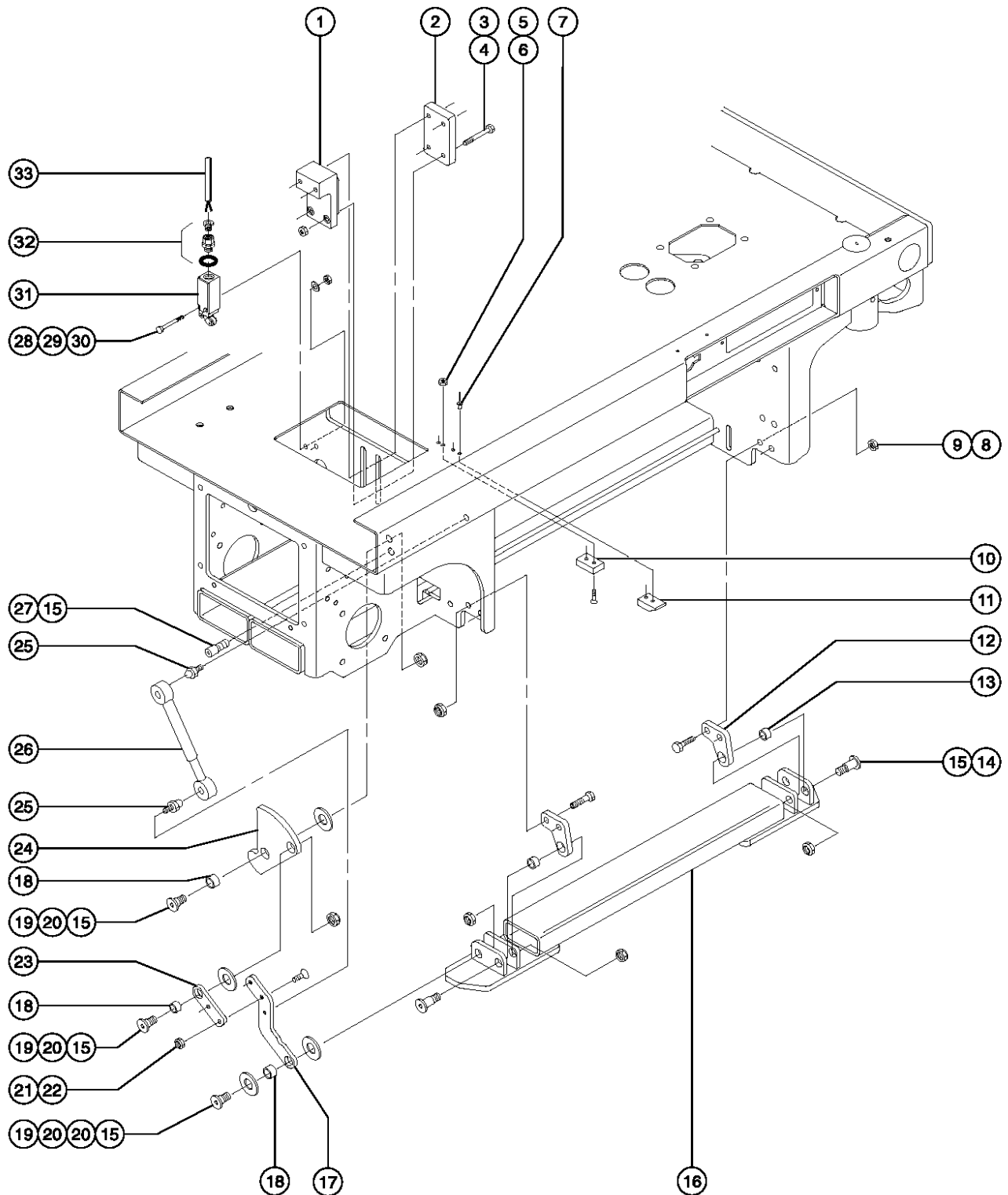
207.1 Pothole Protection Assembly (to serial number 1999)



207.1 Pothole Protection Assembly (to serial number 1999)

Item	Part No.	Description	Qty.
1	47161GT	POTHOLE ACTUATOR,MAIN	1
2	47162GT	POTHOLE ACTUATOR,BACK	1
2-	47273GT	POTHOLE SLIDER,32	
		bushing	
3	6637GT	SCREW,HHC,1/4-20 X 1.75	4
4	6889GT	NUT,LP NYLOCK,1/4-20	4
5	6086GT	NUT,LP NYLOCK,1/2-13	8
6	39581GT	BEARING,0.75IDX1.00ODX0.50L	6
		1.91 x 2.54 x 1.27 cm	
7		PLATE,POTHOLE PIVOT W/BEAR'G	4
		includes item 6 ; No longer available	
8	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	8
9	71912GT	BOLT,SHOULDER,5/8-11 X 1.19 LT	4
10	47130GT	POTHOLE WELDMENT,RIGHT	1
		ground controls side shown	
10A	47129GT	POTHOLE WELDMENT,LEFT	1
		battery side	
11	39244GT	SPACER,MODULE TRAY	12
		(0.765 x 1.75 x 0.125 inch) (1.94 x 4.45 x 0.318 cm)	
12	39580GT	BEARING,0.75IDX1.00ODX0.38L	4
		1.91 x 2.54 x 0.97 cm	
13	47191GT	SCREW,SHS,5/8-11 X 1.25	2
14	44785GT	ARM-POTHOLE LINK W/BEARINGS	2
		includes item 12	
15	39906GT	BOLT,POTHOLE SHOULDER***	2
16	10262GT	SNAP RING,EXTERNAL,.75 DIA.	2
17	44784GT	ARM-POTHOLE CRANK W/BEARINGS	2
		includes item 6	
18	40265GT	BALL STUD,GAS STRUT (38593)***	4
19	39542GT	GAS SHOCK, SCISSORS***	2
20	39593GT	SCREW,RHM,8-32 X 1.75	4
21	35461GT	WASHER,FLAT,MS,#8,Y	4
22	18605GT	NUT,NYLOCK,8-32	4
23A	96948GT	SWITCH, LIMIT, W/ROLLER ARM***	2
		roller arm	
23B	88356-126R3GT	SWITCH,LIMT,W/RLR HEAD 90DG**	2
		battery side shown; plunger style roller head	
24	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
		12.7 mm	
25		Ref. Wire Harness	1
		consult factory	

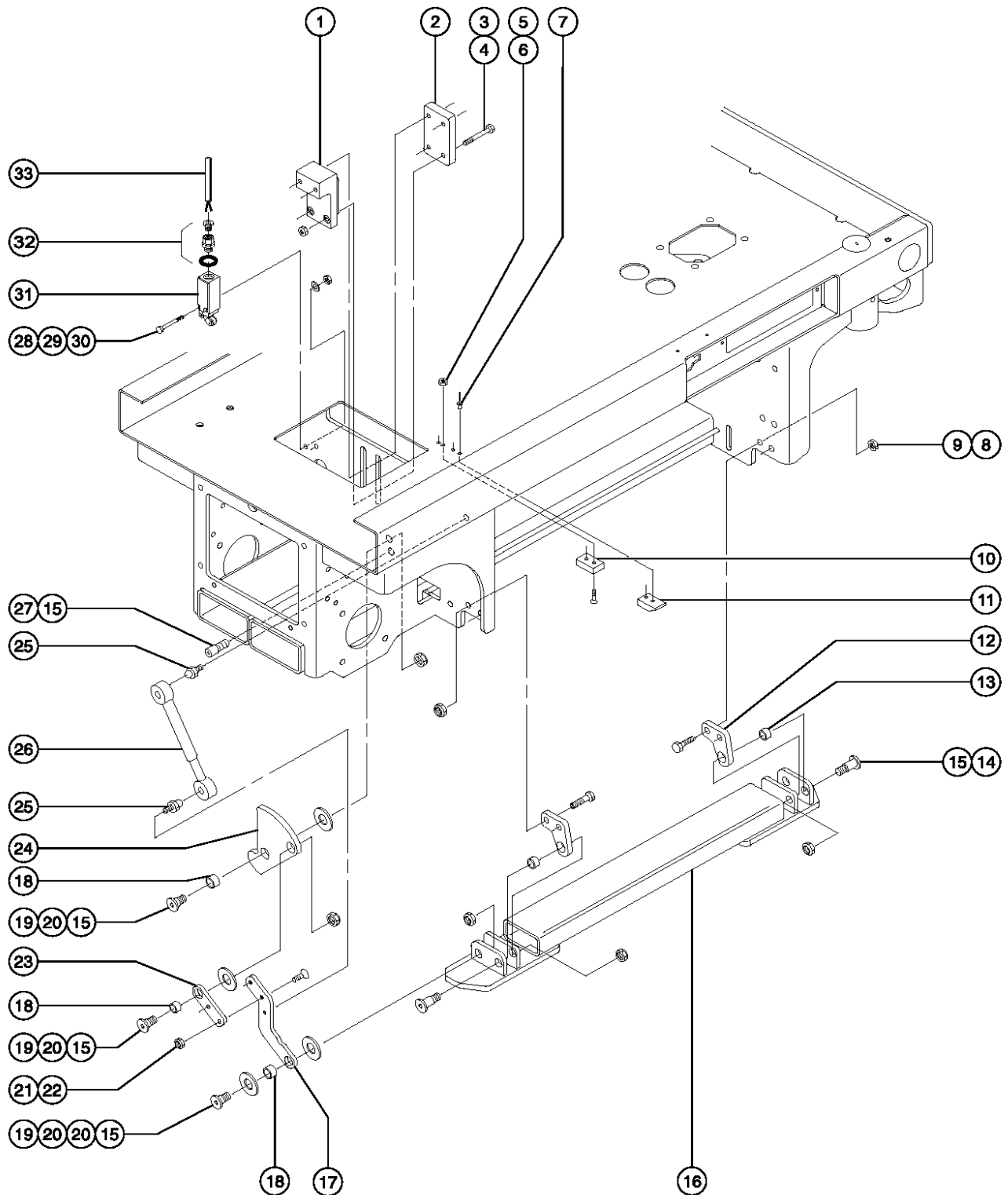
207.2 Pothole Protection Assembly (from serial number 2000 to 35799)



207.2 Pothole Protection Assembly (from serial number 2000 to 35799)

Item	Part No.	Description	Qty.
1	47161GT	POTHOLE ACTUATOR,MAIN	1
2	47162GT	POTHOLE ACTUATOR,BACK	1
3	4266GT	SCREW,HHC,1/4-20 X 2	4
4	6889GT	NUT,LP NYLOCK,1/4-20	4
5	6091GT	NUT, NYLOCK, 1/4-20	4
6	40594GT	SCREW,FHS,1/4-20 X 1.25	4
7	41695GT	RIVET,STL,STL,.188 X .50	4
8	6086GT	NUT,LP NYLOCK,1/2-13	8
9	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	8
10	47907GT	BLOCK,MODULE TRAY STOP (1.5 x 1 inch) (3.8 x 2.5 cm)	2
11	39317GT	STOP PLATFORM ROLLER (1.63 x 1 inch) (4.14 x 2.5 cm)	2
12	48324GT	PLATE,POTHOLE PIVOT W/BEARING includes item 13	4
13	39581GT	BEARING,0.75IDX1.00ODX0.50L 1.91 x 2.54 x 1.27 cm	4
14	71912GT	BOLT,SHOULDER,5/8-11 X 1.19 LT	4
15	38028GT	NUT,LP NYLOCK,5/8-11	8
16	47130GT	POTHOLE WELDMENT,RIGHT ground controls side shown	1
16A	47129GT	POTHOLE WELDMENT,LEFT battery pack side	1
17	48712GT	ARM-POTHOLE LINK LWR.W/BEARIN (ground controls side, shown) (includes Item 18)	1
17A	48711GT	ARM-POTHOLE LINK LWR.W/BEARIN (battery pack side) (includes Item 18)	1
18	39580GT	BEARING,0.75IDX1.00ODX0.38L 1.91 x 2.54 x 0.97 cm	6
19	47255GT	BOLT,SHORT SHOULDER	6
20	47520GT	WASHER,THRUST .75 X 1.25 X .06	12
21	4828GT	NUT, NYLOCK, 3/8-16	4
22	35463GT	SCREW,FHS,3/8-16 X 1.5	4
23	48710GT	ARM-POTHOLE LINK UPR.W/BEARIN includes Item 18	2
24	48713GT	ARM-POTHOLE CRANK W/BEARINGS includes Item 18	2
25	40265GT	BALL STUD,GAS STRUT (38593)***	4
26	39542GT	GAS SHOCK, SCISSORS***	2

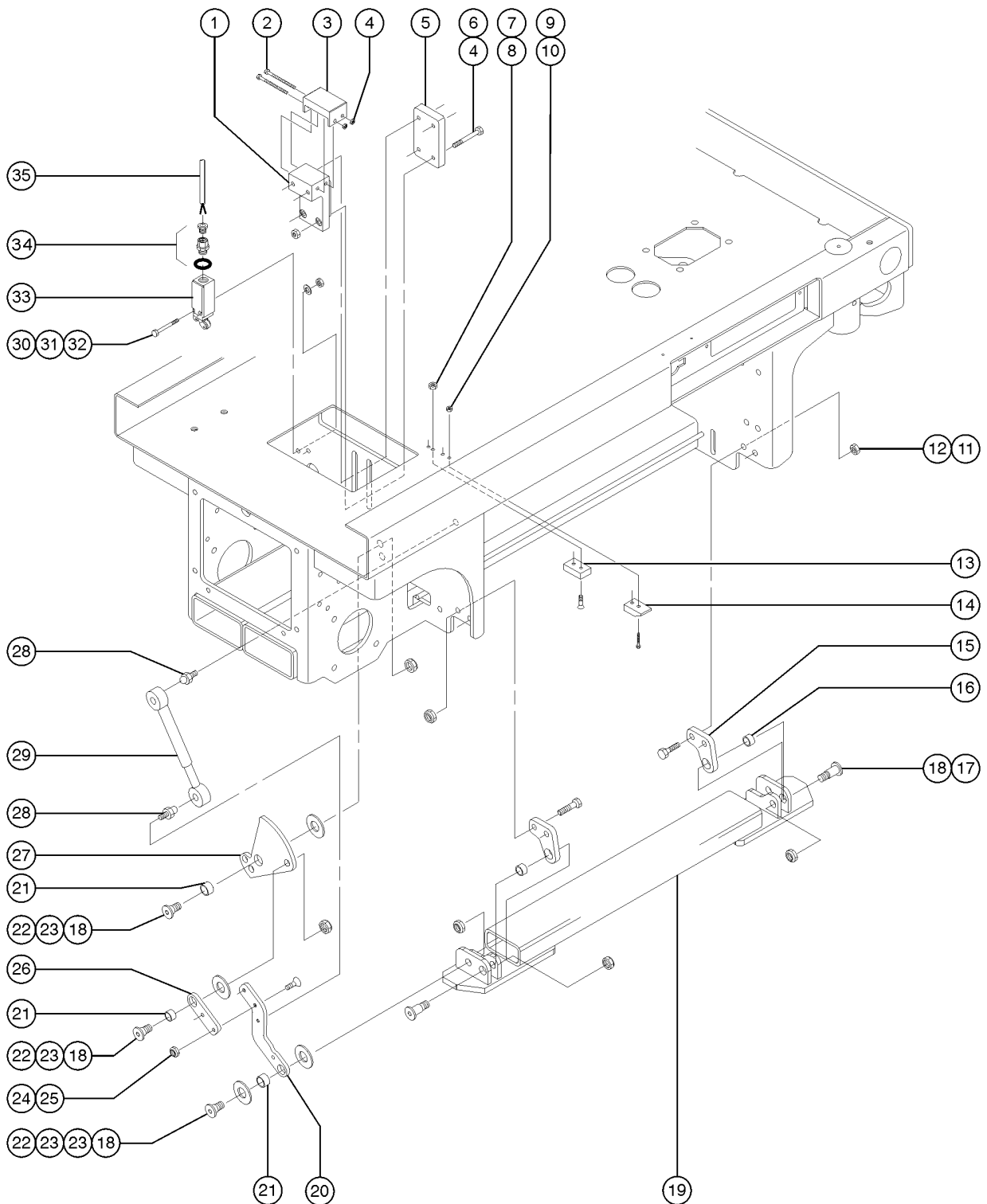
207.2 Pothole Protection Assembly (from serial number 2000 to 35799)



207.2 Pothole Protection Assembly (from serial number 2000 to 35799)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
27	55983GT	PIN-THREADED SHLDR OFFS,5/8-11	1
28	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	4
29	6146GT	WASHER,FLAT,MS,#10,Y	4
30	6178GT	NUT, NYLOCK, 10-32, SS	4
31A	96948GT	SWITCH, LIMIT, W/ROLLER ARM*** roller arm	2
31B	88356-126R3GT	SWITCH,LIMIT,W/RLR HEAD 90DG** battery side shown; plunger style roller head	2
32	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM 12.7 mm	1
33		Ref. Wire Harness (consult factory) serial number specific	1

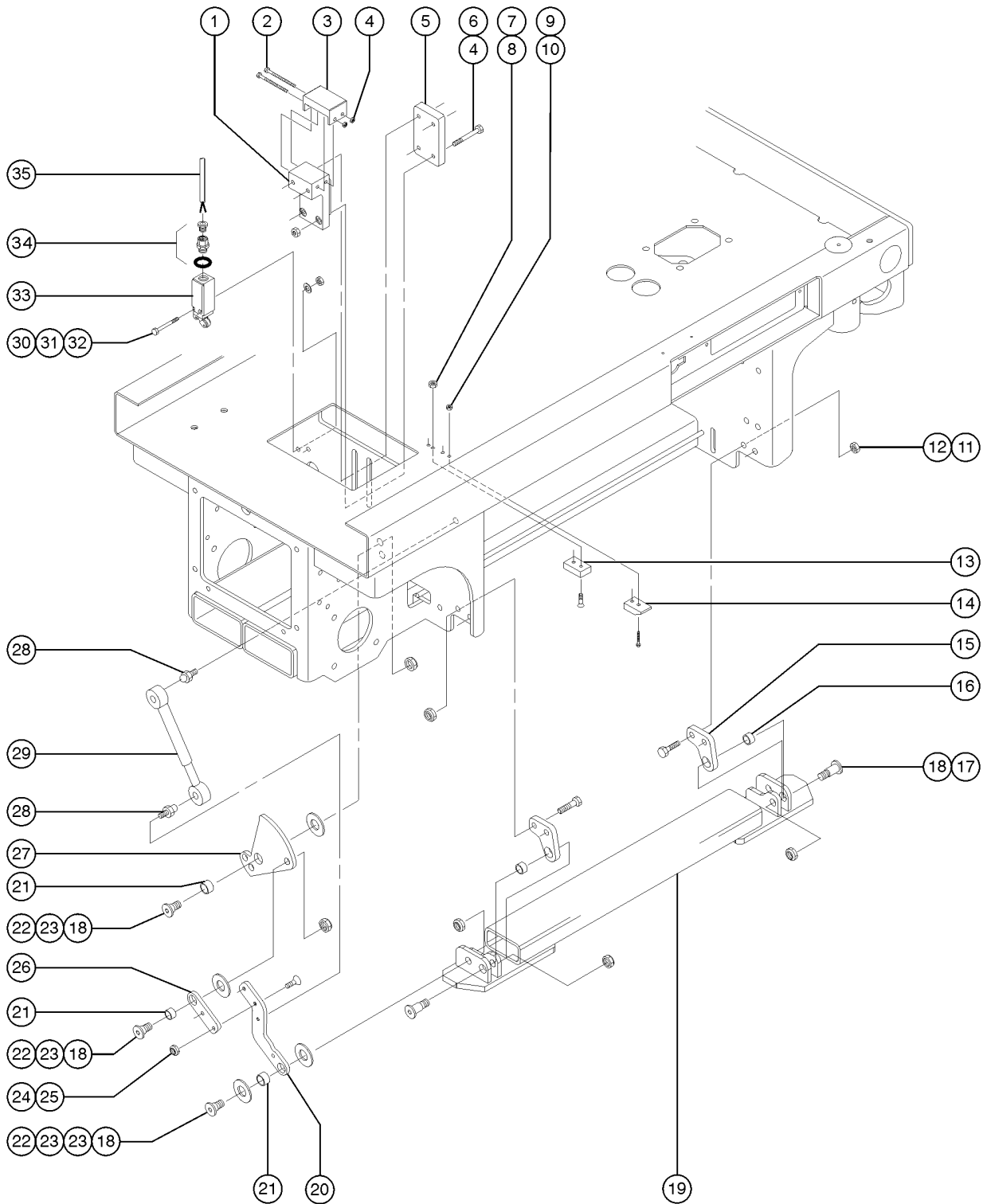
207.3 Pothole Protection Assembly (from serial number 35800)



207.3 Pothole Protection Assembly (from serial number 35800)

Item	Part No.	Description	Qty.
1	47161GT	POTHOLE ACTUATOR,MAIN	1
1A	78304GT	NIKKEN POTHOLE ACTUATOR	1
		(Nikken models only) (shown)	
2	6115GT	SCREW,HHC,1/4-20 X 3.5	
		(Nikken models only)	
3	78315GT	POTHOLE ACTUATOR SPACER	
		(Nikken models only)	
4	6889GT	NUT,LP NYLOCK,1/4-20	6
5	47162GT	POTHOLE ACTUATOR,BACK	1
6	4266GT	SCREW,HHC,1/4-20 X 2	4
7	6091GT	NUT, NYLOCK, 1/4-20	4
8	40594GT	SCREW,FHS,1/4-20 X 1.25	4
9	18605GT	NUT,NYLOCK,8-32	4
10	41695GT	RIVET,STL,STL,.188 X .50	4
11	6086GT	NUT,LP NYLOCK,1/2-13	8
12	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	8
13	47907GT	BLOCK,MODULE TRAY STOP	2
		(1.5 x 1 inch) (3.8 x 2.5 cm)	
14	39317GT	STOP PLATFORM ROLLER	2
		(1.63 x 1 inch) (4.14 x 2.5 cm)	
15	48324GT	PLATE,POTHOLE PIVOT W/BEARING	4
		(includes item 14)	
16	39581GT	BEARING,0.75IDX1.00ODX0.50L	4
		(0.75 x 1 x 0.5 inch) (1.91 x 2.54 x 1.27 cm)	
17	71912GT	BOLT,SHOULDER,5/8-11 X 1.19 LT	4
18	38028GT	NUT,LP NYLOCK,5/8-11	7
19	47130GT	POTHOLE WELDMENT,RIGHT	1
		(ground controls side) (shown)	
19A	47129GT	POTHOLE WELDMENT,LEFT	1
		(battery pack side)	
20	48712GT	ARM-POTHOLE LINK LWR.W/BEARIN	1
		(ground controls side) (shown) (includes item 19)	
20A	48711GT	ARM-POTHOLE LINK LWR.W/BEARIN	1
		(battery pack side) (includes 19)	
21	39580GT	BEARING,0.75IDX1.00ODX0.38L	6
		(1.91 x 2.54 x 0.97 cm)	
22	47255GT	BOLT,SHORT SHOULDER	6
23	47520GT	WASHER,THRUST .75 X 1.25 X .06	12
24	4828GT	NUT, NYLOCK, 3/8-16	4
25	35463GT	SCREW,FHS,3/8-16 X 1.5	4

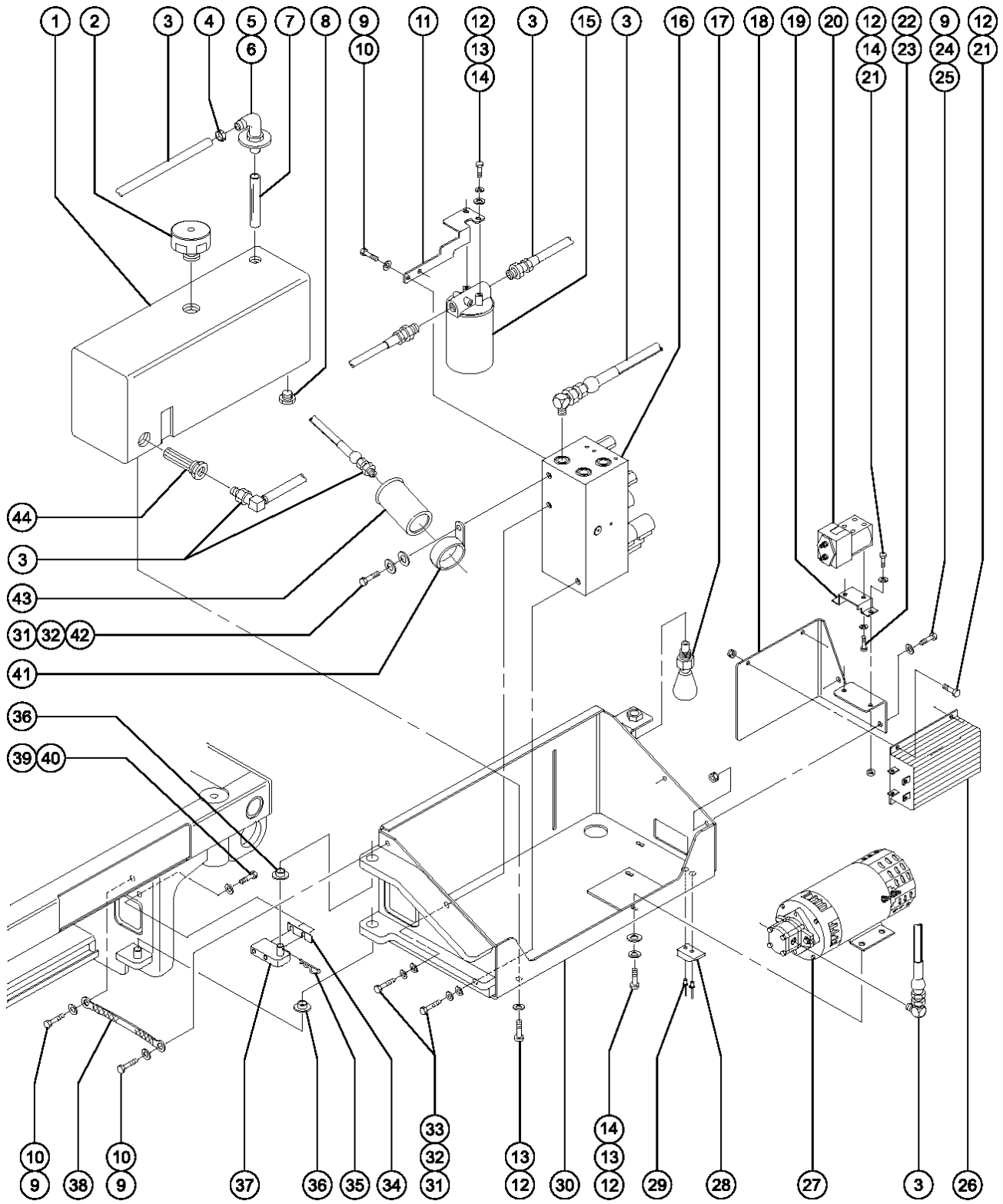
207.3 Pothole Protection Assembly (from serial number 35800)



207.3 Pothole Protection Assembly (from serial number 35800)

Item	Part No.	Description	Qty.
26	48710GT	ARM-POTHOLE LINK UPR.W/BEARIN (includes item 19)	2
27	48713GT	ARM-POTHOLE CRANK W/BEARINGS (includes item 19)	2
28	40265GT	BALL STUD,GAS STRUT (38593)***	4
29	39542GT	GAS SHOCK, SCISSORS***	2
30	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	4
31	6146GT	WASHER,FLAT,MS,#10,Y	4
32	6178GT	NUT, NYLOCK, 10-32, SS	4
33A	96948GT	SWITCH, LIMIT, W/ROLLER ARM*** roller arm	2
33B	88356-126R3GT	SWITCH,LIMT,W/RLR HEAD 90DG** batter side shown; plunger style roller head	2
34	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM (12.7 mm)	1
35		Ref. Wire Harness (consult factory)	1

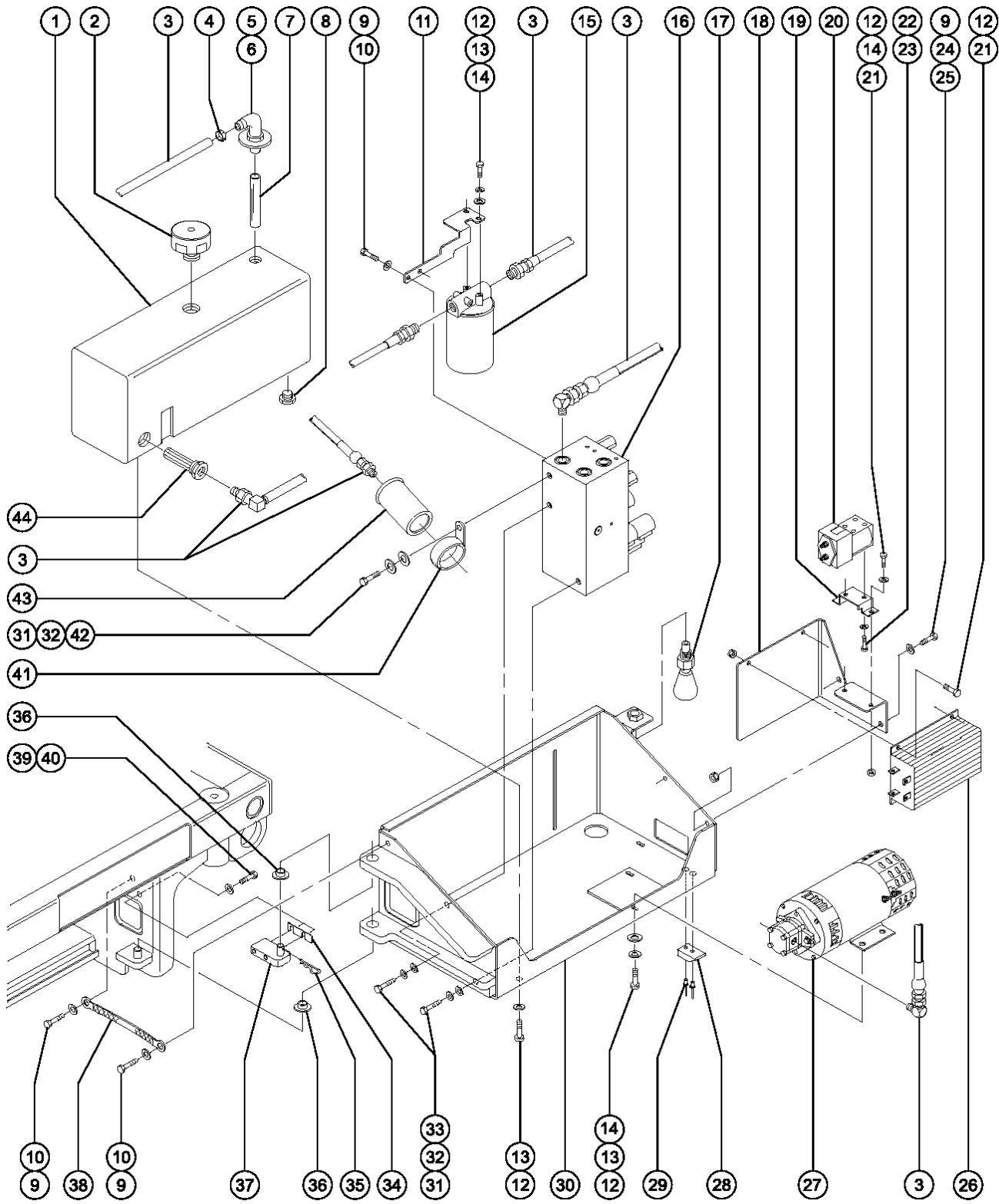
208.1 Power Unit Module (to serial number 1999)



208.1 Power Unit Module (to serial number 1999)

Item	Part No.	Description	Qty.
	65736GT	KIT,5 GALLON HYDRAULIC TANK*** includes breather cap, tank, filler cap, fittings, and strainer	
1	40832GT	TANK ONLY, HYDRAULIC GS30/32*** (19 liters)	1
2	42019GT	TANK BREATHER, NYLON **	1
3		Ref. Hydraulic Hoses and Fittings (refer to Figure 213.1)	1
4	42280GT	CLAMP, HOSE, .50 (1.3 cm)	1
5	39225GT	ELBOW, 90°, .5 MPT X .5 BRB PLST	1
6	39223GT	BULKHEAD FITTING, PLASTIC X 8**	1
7	39226GT	NIPPLE, PLASTIC .5 NPT X 6" (15.2 cm)	1
8	39227GT	PLUG, HEX HEAD-8 PLASTIC	1
9	10107GT	SCREW, HHC, 5/16-18 X .75	6
10	6886GT	WASHER, LOCK, .313	4
11	39438PGT	BRACKET, FILTER MOUNT	1
12	8914GT	SCREW, HHC, 1/4-20 X .625	10
13	6356GT	WASHER, LOCK, .25	6
14	6638GT	WASHER, FLAT, USS, 1/4"Y	6
15	78622GT	FILTER ASSY, SAE8, 10 MIC, PAPR**	1
15-	44788GT	FILTER ELEMENT-10MICRON, PAPER* (paper, standard)	1
15-	44207GT	FILTER ELEMENT, BETA(10)=200 (fiberglass, optional)	
16		Ref. Function Manifold (refer to figure 212.1)	1
17		Ref. Lock Pin Assembly (refer to figure 209.1)	1
18	39301GT	BRACKET, CONTROLLER MOUNT	1
19	19815GT	BRACKET, RELAY MOUNTING	1
20	1270457GT	CONTACTOR, DRIVE, 24V, 180A UNBRANDED	1
21	6091GT	NUT, NYLOCK, 1/4-20	4
22	19871GT	SCREW, HHC, M5 X 6	2
23	19872GT	WASHER, LOCK, M5, PLTD.	2
24	5397GT	WASHER, FLAT, 5/16, USS, ZAG	2
25	6782GT	NUT, NYLOCK, 5/16-18	2

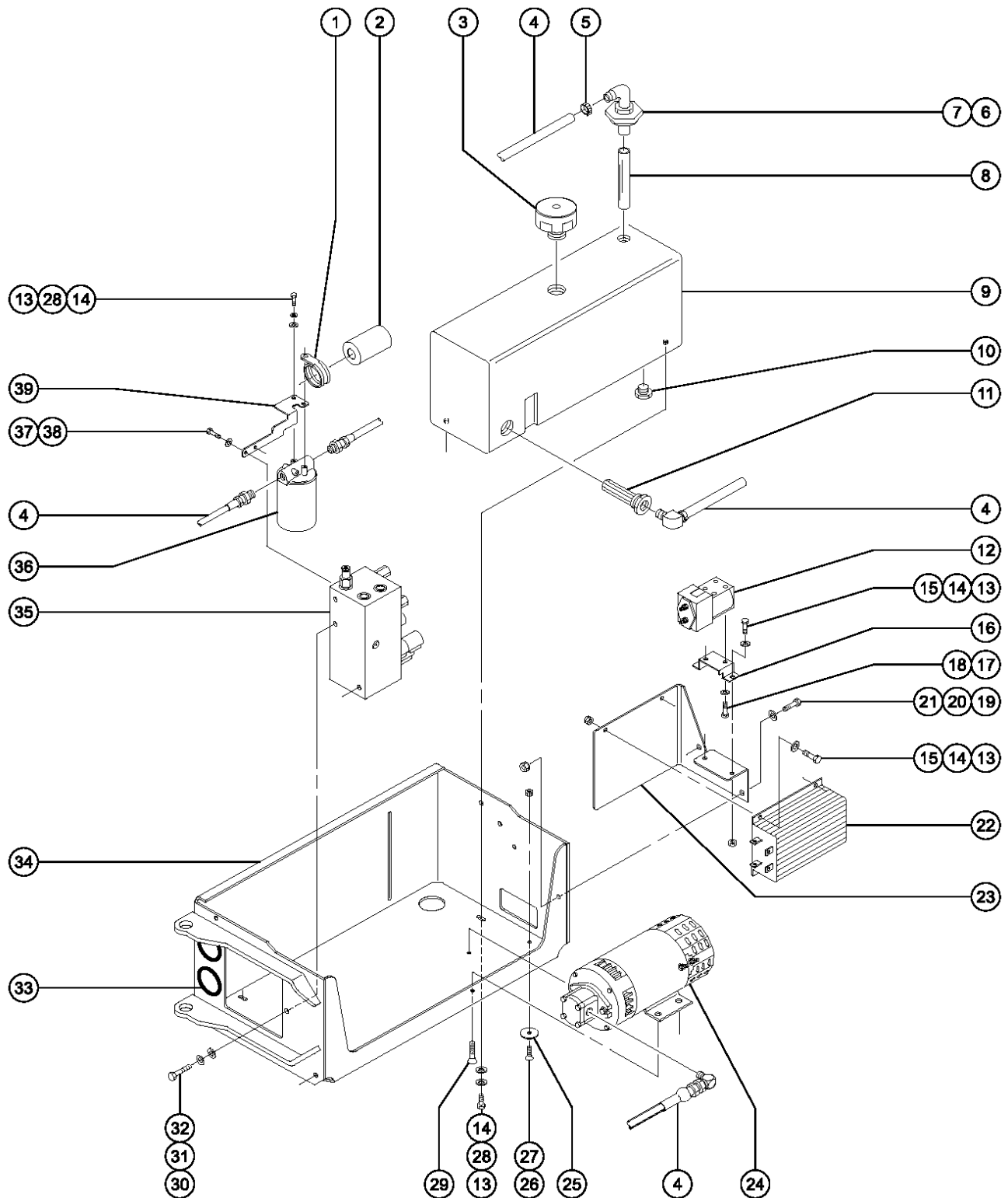
208.1 Power Unit Module (to serial number 1999)



208.1 Power Unit Module (to serial number 1999)

Item	Part No.	Description	Qty.
26A	1263633GT	KIT, GS MOTOR CONTROLLER REPL.	1
26A-	823408GT	MOTOR CONTROLLER, DC, 24V, 300A motor controllers sold separately only in cases where upgrade kits are N/A or an upgrade kit has been previously installed	
26B	219497GT	KIT, CONTACTOR, GS, ALT (if machine does not have a contactor previously installed, 219497 kit is required)	
26C	233379GT	KIT, INVERTER JUMPER, GS (if machine has an inverter, 233379 is required in addition to the installation of 219497)	
27		Ref. Hydraulic Power Unit (refer to figure 210.1)	1
28	39474GT	WEAR PAD, PLATFORM (2 x 1 x 0.25 inch) (5.1 x 2.5 x 0.64 cm)	1
29	39579GT	RIVET, STL, STL, .188 X .45	2
30	44739GT	PWR. UNIT MODULE ASY. W/DECALS (includes items 28, 29 and 41)	1
31	6175GT	SCREW, HHC, 3/8-16 X 1	3
32	6021GT	WASHER, LOCK, .375	3
33	6700GT	WASHER, STAR, EXTERNAL, .375	2
34	39447GT	SPACER, MODULE, .06 THK. Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit. ..	1
35	5135GT	CLIP, HAIR PIN .094 X 2.5	2
36	47548GT	BEARING, FLANGE, 0.75ID X 1.00OD X 0.49L (0.75 x 1 x 0.38 inch) (1.91 x 2.54 x 0.97 cm)	2
37	39298GT	HINGE WELDMENT, TOP RH	1
38	39532GT	GROUND STRAP	1
39	10597GT	SCREW, HHC, 1/2-13 X 1.25 GR5	2
40	6033GT	WASHER, LOCK, 0.5"	2
41	39518GT	CLAMP, 2.00, #32 X 3/8, RUB CUSH (5.1 cm)	1
42	6097GT	WASHER, FLAT, USS, 3/8", Y	1
43	78585GT	KIT, ACCUM 180 PSI PRECHARGE***	1
44	55616GT	STRAINER ASSEMBLY	1

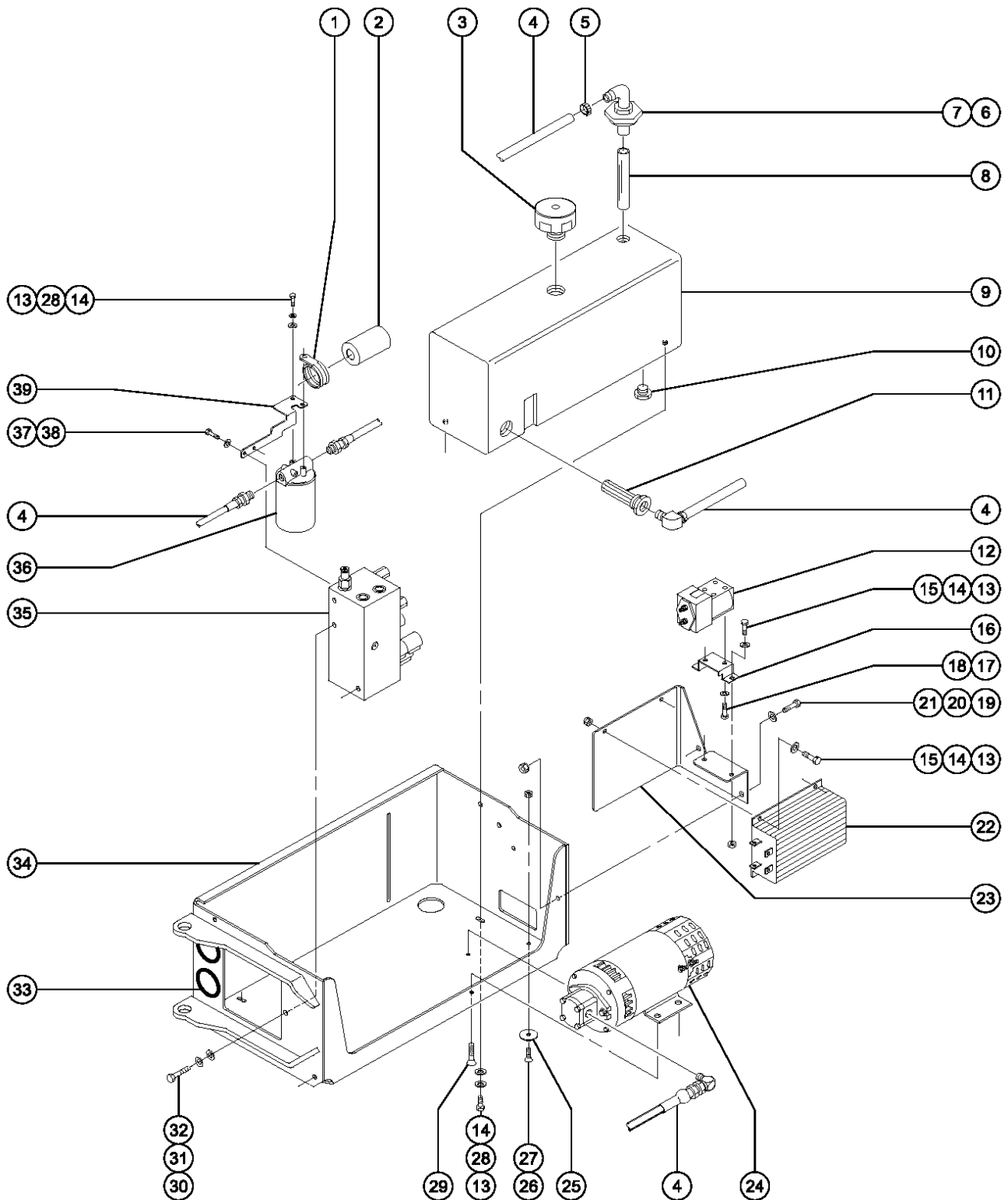
208.2 Power Unit Module (from serial number 2000 to 16988)



208.2 Power Unit Module (from serial number 2000 to 16988)

Item	Part No.	Description	Qty.
1	39518GT	CLAMP,2.00,#32 X 3/8,RUB CUSH (5.1 cm)	1
2	78585GT	KIT,ACCUM 180 PSI PRECHARGE*** (includes item 1)	1
3	42019GT	TANK BREATHER,NYLON **	1
4		Ref. Hydraulic Hoses and Fittings (refer to Figure 213.1)	1
5	42280GT	CLAMP,HOSE,.50 (1.3 cm)	1
6	39225GT	ELBOW,90ø,.5 MPT X.5BRB PLST	1
7	39223GT	BULKHEAD FITTING,PLASTIC X 8**	1
8	39226GT	NIPPLE,PLASTIC .5 NPT X 6"	1
9	65736GT	KIT,5 GALLON HYDRAULIC TANK***	1
9-	40832GT	TANK ONLY,HYDRAULIC GS30/32***	
10	39227GT	PLUG,HEX HEAD-8 PLASTIC	1
11	55616GT	STRAINER ASSEMBLY	1
12	1270457GT	CONTACTOR, DRIVE, 24V, 180A UNBRANDED	1
12-	22265GT	CONTACT,STATIONRY,19550 RELAY	1
12-	22264GT	CONTACT,MOVEABLE,19550 RELAY	1
12-	23845GT	SPRING,RETURN	1
13	8914GT	SCREW, HHC, 1/4-20 X .625	7
14	6638GT	WASHER, FLAT, USS, 1/4"Y	7
15	6091GT	NUT, NYLOCK, 1/4-20	4
16	19815GT	BRACKET, RELAY MOUNTING	1
17	19871GT	SCREW,HHC,M5 X 6	2
18	19872GT	WASHER,LOCK,M5,PLTD.	2
19	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
20	5397GT	WASHER,FLAT,5/16,USS,ZAG	2
21	6782GT	NUT, NYLOCK, 5/16-18	2
22A	1263633GT	KIT, GS MOTOR CONTROLLER REPL.	1
22A-	823408GT	MOTOR CONTROLLER, DC, 24V, 300A motor controllers sold separately only in cases where upgrade kits are N/A or an upgrade kit has been previously installed	
22B	219497GT	KIT,CONTACTOR,GS,ALT (if machine does not have a contactor previously installed, 219497 kit is required)	

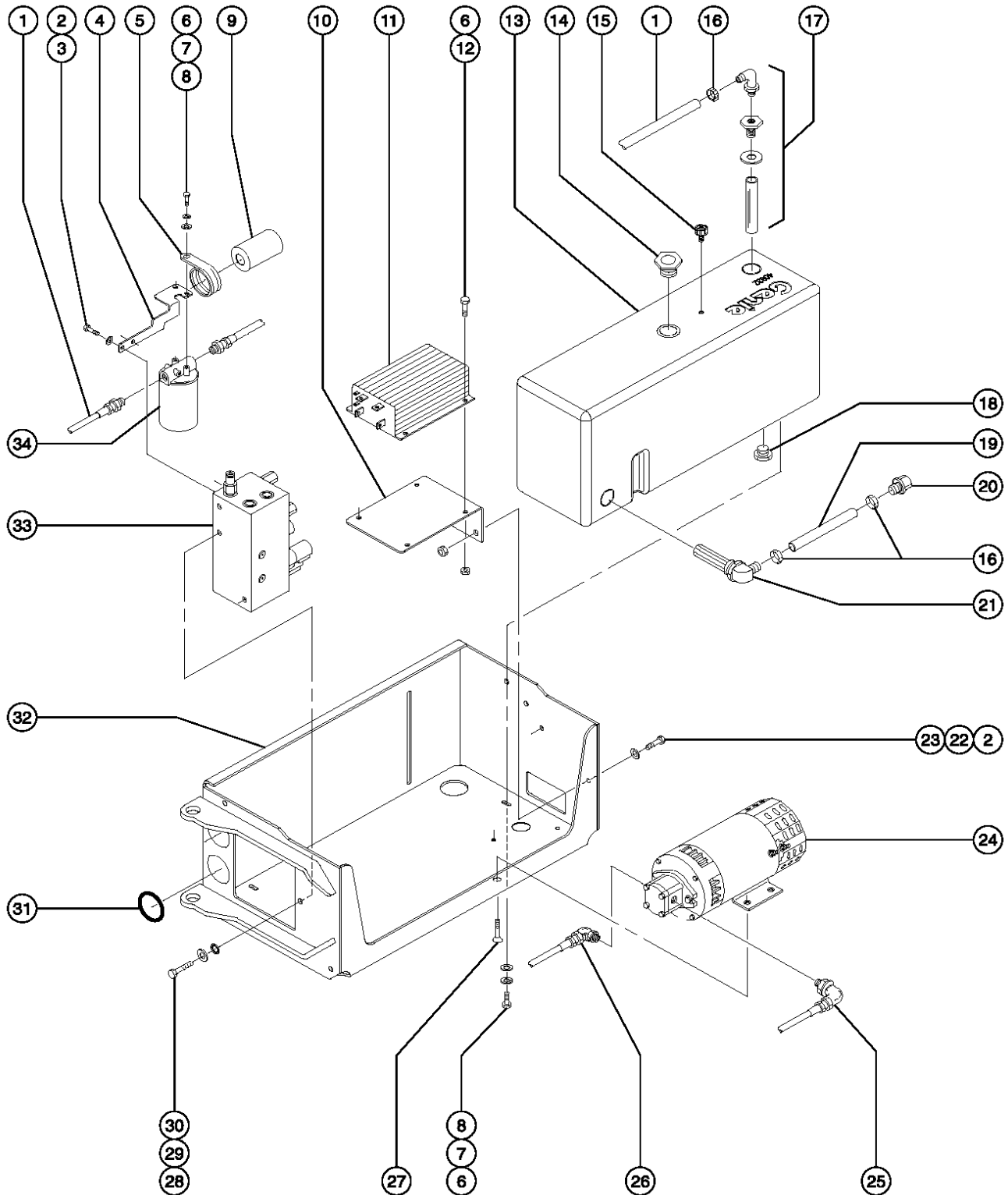
208.2 Power Unit Module (from serial number 2000 to 16988)



208.2 Power Unit Module (from serial number 2000 to 16988)

Item	Part No.	Description	Qty.
22C	233379GT	KIT, INVERTER JUMPER, GS (if machine has an inverter, 233379 is required in addition to the installation of 219497)	1
23	39301PGT	BRACKET,CNTRLR MOUNT,PAINTED	1
24		Ref. Hydraulic Power Unit	1
		(refer to Figure 210.1)	
25	47793GT	BUMPER, MODULE TRAY	1
		(0.266 I.D. x 1.25 O.D. x 0.25 inch) (0.676 x 3.18 x 0.64 cm)	
26	19284GT	SCREW,FHS,1/4-20 X .63	1
27	6889GT	NUT,LP NYLOCK,1/4-20	1
28	6356GT	WASHER, LOCK, .25	3
29	47522GT	SCREW,FHS,1/4-20 X .25 NYLOCK	2
30	8255GT	SCREW,HHC,3/8-16 X .75	2
31	6021GT	WASHER, LOCK, .375	2
32	6700GT	WASHER, STAR, EXTERNAL, .375	2
33	47232GT	GROMMET,RUBBER 2 X 2.75	2
		(8.08 x 6.99 cm)	
34	48709GT	PWR UNIT MOD ASSY GS30	1
		(includes items 25-27 and 33)	
35		Ref. Function Manifold	1
		(refer to 212.1 or 212.2)	
36	78622GT	FILTER ASSY,SAE8,10 MIC,PAPR**	1
36-	44788GT	FILTER ELEMENT-10MICRON, PAPER*	1
		(paper, standard)	
36-	44207GT	FILTER ELEMENT,BETA(10)=200	1
		(fiberglass, optional)	
37	10107GT	SCREW,HHC,5/16-18 X .75	2
38	6886GT	WASHER,LOCK,.313	2
39	39438PGT	BRACKET,FILTER MOUNT	1

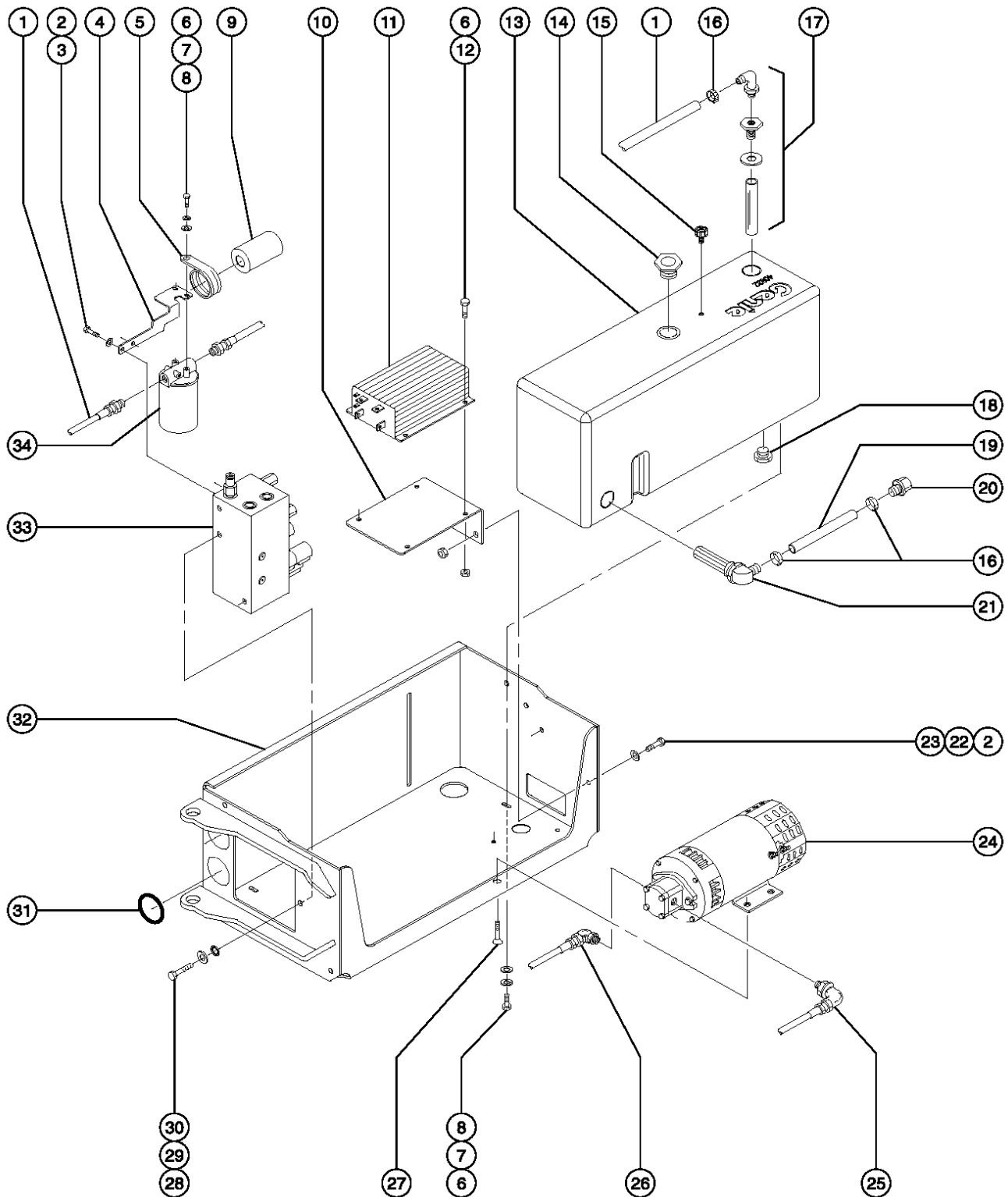
208.3 Power Unit Module (from serial number 16989 to 35799)



208.3 Power Unit Module (from serial number 16989 to 35799)

Item	Part No.	Description	Qty.
1		Ref. Hydraulic Hoses and Fittings (refer to Figure 213.1)	
2	10107GT	SCREW,HHC,5/16-18 X .75	4
3	6886GT	WASHER,LOCK,.313	2
4	39438PGT	BRACKET,FILTER MOUNT	1
5	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH* (4.45 cm)	1
6	8914GT	SCREW, HHC, 1/4-20 X .625	10
7	6356GT	WASHER, LOCK, .25	4
8	6638GT	WASHER, FLAT, USS, 1/4"Y	4
9	78585GT	KIT,ACCUM 180 PSI PRECHARGE***	1
10	55789GT	BRACKET, CONTROLLER MOUNT	1
11A	1263634GT	KIT, GS MOTOR CONTROLLER REPL.	1
11A-	823408GT	MOTOR CONTROLLER, DC, 24V, 300A motor controllers sold separately only in cases where upgrade kits are N/A or an upgrade kit has been previously installed	
11B	219497GT	KIT,CONTACTOR,GS,ALT (if machine does not have a contactor previously installed, 219497 kit is required)	
11C	233379GT	KIT, INVERTER JUMPER, GS (if machine has an inverter, 233379 is required in addition to the installation of 219497)	
12	6091GT	NUT, NYLOCK, 1/4-20	4
13	65736GT	KIT,5 GALLON HYDRAULIC TANK*** (18.9 liters) (includes items 14-15, 17-18 and 21)	1
13-	40832GT	TANK ONLY,HYDRAULIC GS30/32***	
14	66204GT	FILTER CAP (PLUG 1-1/2" NPT HEX	1
15	78546GT	BREATHER CAP, HYD. TANK, 1/4 NPT	1
16	19273GT	CLAMP,HOSE,.75 ** (1.9 cm)	3
17	65318GT	FITTING KIT-HYDRAULIC TANK	3
18	39227GT	PLUG,HEX HEAD-8 PLASTIC	1
19		Ref. Hose - Hydraulic (refer to Figure 213.1)	1
20	39895GT	HOSE END,BARBED,SWIV,JIC,10-12	1
21	55616GT	STRAINER ASSEMBLY	1
22	5397GT	WASHER,FLAT,5/16,USS,ZAG	2
23	6782GT	NUT, NYLOCK, 5/16-18	2
24		Ref. Hydraulic Power Unit (refer to Figure 210.1)	2

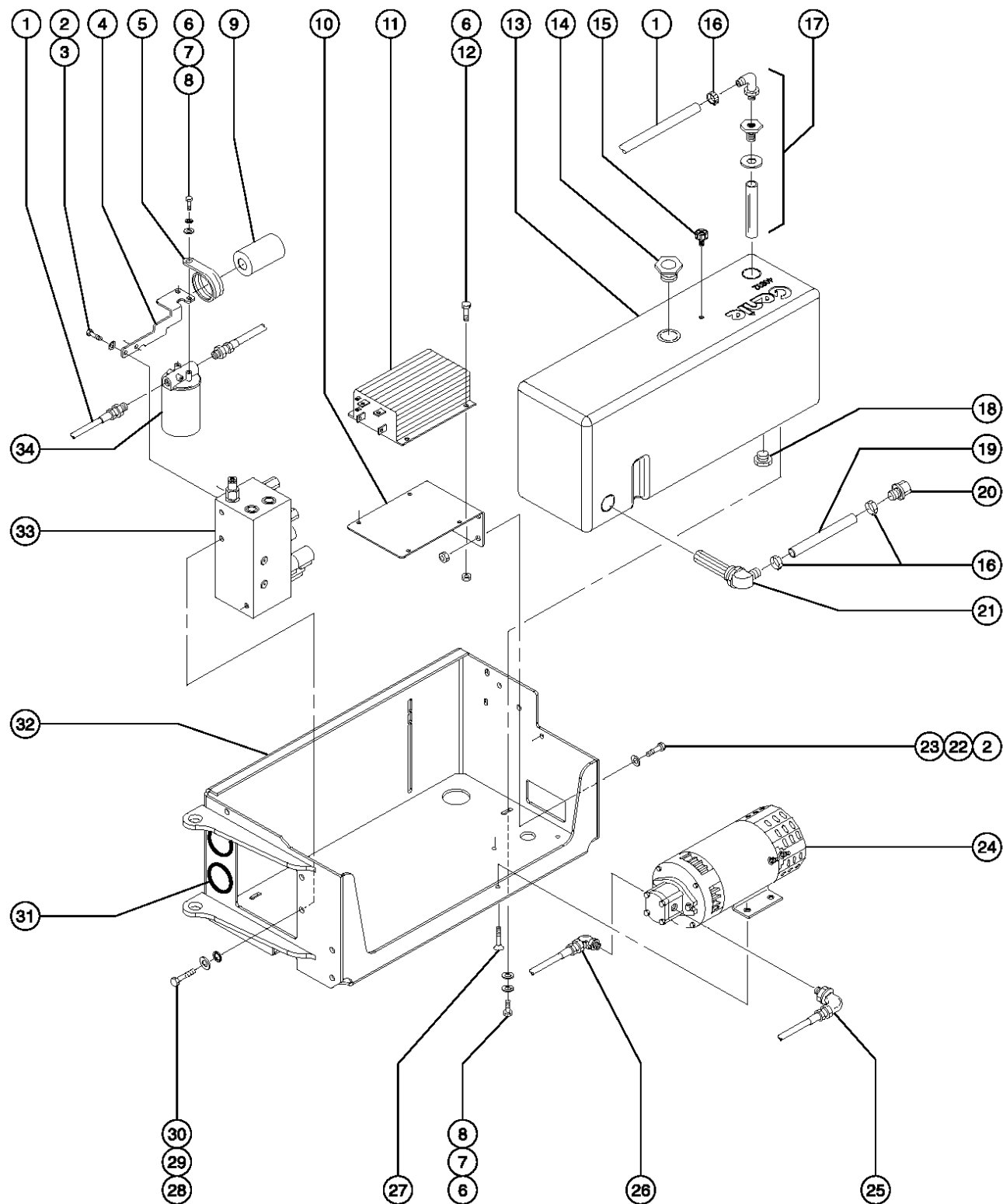
208.3 Power Unit Module (from serial number 16989 to 35799)



208.3 Power Unit Module (from serial number 16989 to 35799)

Item	Part No.	Description	Qty.
25		Ref. Fitting - Connector (refer to Figure 213.1)	2
26		Ref. Fitting - Connector (refer to Figure 213.1)	2
27	47522GT	SCREW,FHS,1/4-20 X .25 NYLOCK	2
28	6175GT	SCREW,HHC,3/8-16 X 1	2
29	6097GT	WASHER, FLAT, USS, 3/8", Y	2
30	6700GT	WASHER, STAR, EXTERNAL, .375	2
31	47232GT	GROMMET,RUBBER 2 X 2.75 (8.08 x 6.99 cm)	2
32	48709GT	PWR UNIT MOD ASSY GS30 (includes item 31)	1
33		Ref. Function Manifold (refer to 212.2)	1
34	78622GT	FILTER ASSY,SAE8,10 MIC,PAPR**	1
34-	44788GT	FILTER ELEMENT-10MICRON, PAPER* (paper, standard)	1
34-	44207GT	FILTER ELEMENT,BETA(10)=200 (fiberglass, optional)	1

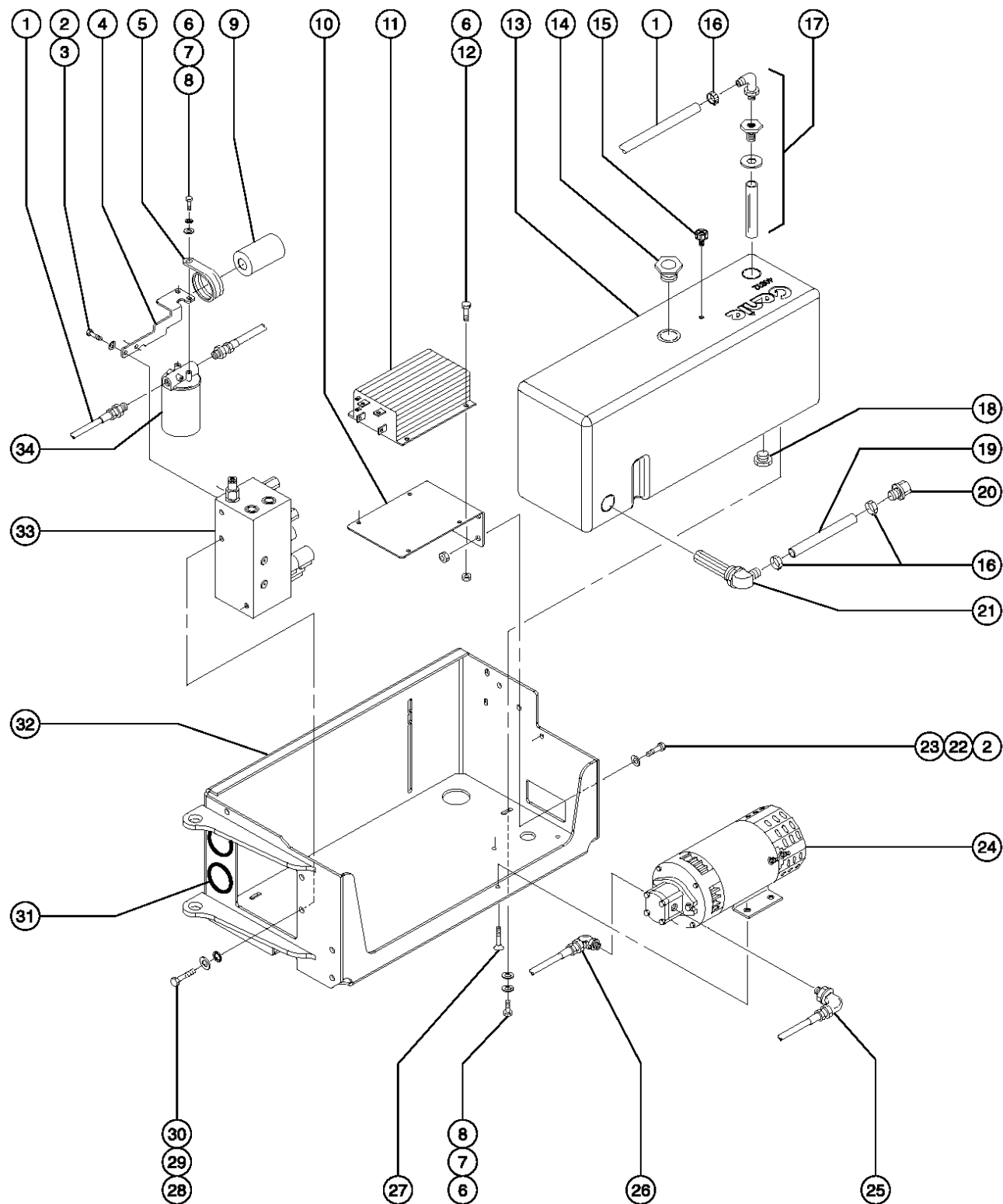
208.4 Power Unit Module (from serial number 35800)



208.4 Power Unit Module (from serial number 35800)

Item	Part No.	Description	Qty.
1		Ref. Hydraulic Hoses and Fittings (refer to Figure 214.1 or 214.2)	
2	10107GT	SCREW,HHC,5/16-18 X .75	4
3	6886GT	WASHER,LOCK,.313	2
4	55941GT	BRACKET, FILTER MOUNT GS32&46	1
5	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH* (to SN 47626)	1
5A	39518GT	CLAMP,2.00,#32 X 3/8,RUB CUSH (from SN 47627)	1
6	8914GT	SCREW, HHC, 1/4-20 X .625	10
7	6356GT	WASHER, LOCK, .25	4
8	6638GT	WASHER, FLAT, USS, 1/4"Y	4
9	78585GT	KIT,ACCUM 180 PSI PRECHARGE*** (from SN 35780 to 47626) (includes item number 5)	1
9A	78422GT	ACCUMULATOR,180 PSI PRECHARGE* (from SN 47627)	1
10	55789GT	BRACKET, CONTROLLER MOUNT (to SN 47730)	1
10A	78136GT	FORMING,MOTOR CONTROLLER (from SN 47731)	1
11A	1263634GT	KIT, GS MOTOR CONTROLLER REPL.	1
11A-	823408GT	MOTOR CONTROLLER, DC, 24V, 300A motor controllers sold separately only in cases where upgrade kits are N/A or an upgrade kit has been previously installed	
11B	219497GT	KIT,CONTACTOR,GS,ALT (if machine does not have a contactor previously installed, 219497 kit is required)	
11C	233379GT	KIT, INVERTER JUMPER, GS (if machine has an inverter, 233379 is required in addition to the installation of 219497)	
12	6091GT	NUT, NYLOCK, 1/4-20	4
13	65736GT	KIT,5 GALLON HYDRAULIC TANK*** (includes items 14, 15, 17-18 and 21)	1
13-	40832GT	TANK ONLY,HYDRAULIC GS30/32***	
14	66204GT	FILTER CAP (PLUG 1-1/2" NPT HEX	1
15	78546GT	BREATHER CAP, HYD. TANK, 1/4 NPT	1
16	19273GT	CLAMP,HOSE,.75 ** (1.9 cm)	3
17	65318GT	FITTING KIT-HYDRAULIC TANK	1
17-	39225GT	ELBOW,90°,5 MPT X.5BRB PLST	1
17-	39223GT	BULKHEAD FITTING,PLASTIC X 8**	1
17-	39226GT	NIPPLE,PLASTIC .5 NPT X 6"	1
18	39227GT	PLUG,HEX HEAD-8 PLASTIC (1.277 cm)	1

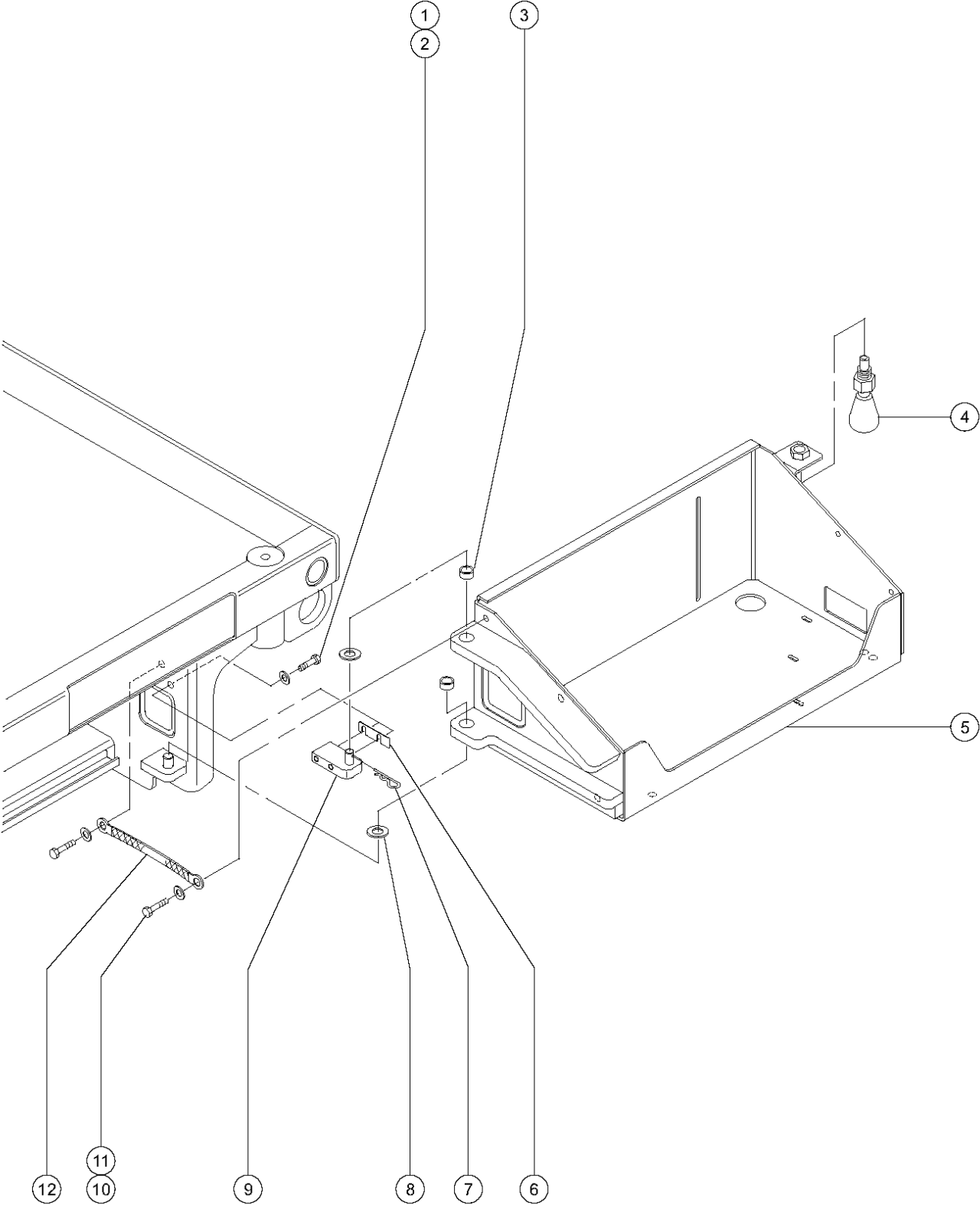
208.4 Power Unit Module (from serial number 35800)



208.4 Power Unit Module (from serial number 35800)

Item	Part No.	Description	Qty.
19	39889GT	HOSE,3/4,LOW PRESSURE,801-12 (15.3 cm)	6 in ch es
20	39895GT	HOSE END,BARBED,SWIV,JIC,10-12	1
21	55616GT	STRAINER ASSEMBLY	1
22	5397GT	WASHER,FLAT,5/16,USS,ZAG	2
23	6782GT	NUT, NYLOCK, 5/16-18	2
24		Ref. Hydraulic Power Unit (refer to Figure 210.1)	2
25		Ref. Fitting - Connector (refer to Figure 214.2)	2
26		Ref. Fitting - Connector (refer to Figure 214.2)	2
27	47522GT	SCREW,FHS,1/4-20 X .25 NYLOCK	2
28	6175GT	SCREW,HHC,3/8-16 X 1	2
29	6097GT	WASHER, FLAT, USS, 3/8", Y	2
30	6700GT	WASHER, STAR, EXTERNAL, .375	2
31	47232GT	GROMMET,RUBBER 2 X 2.75 (8.08 x 6.99 cm)	2
32	48709GT	PWR UNIT MOD ASSY GS30	1
33		Ref. Function Manifold (refer to Figure 212.3)	1
34	78622GT	FILTER ASSY,SAE8,10 MIC,PAPR**	1
34-	44788GT	FILTER ELEMENT-10MICRON, PAPER* (paper, standard)	1
34-	44207GT	FILTER ELEMENT,BETA(10)=200 (fiberglass, optional)	1

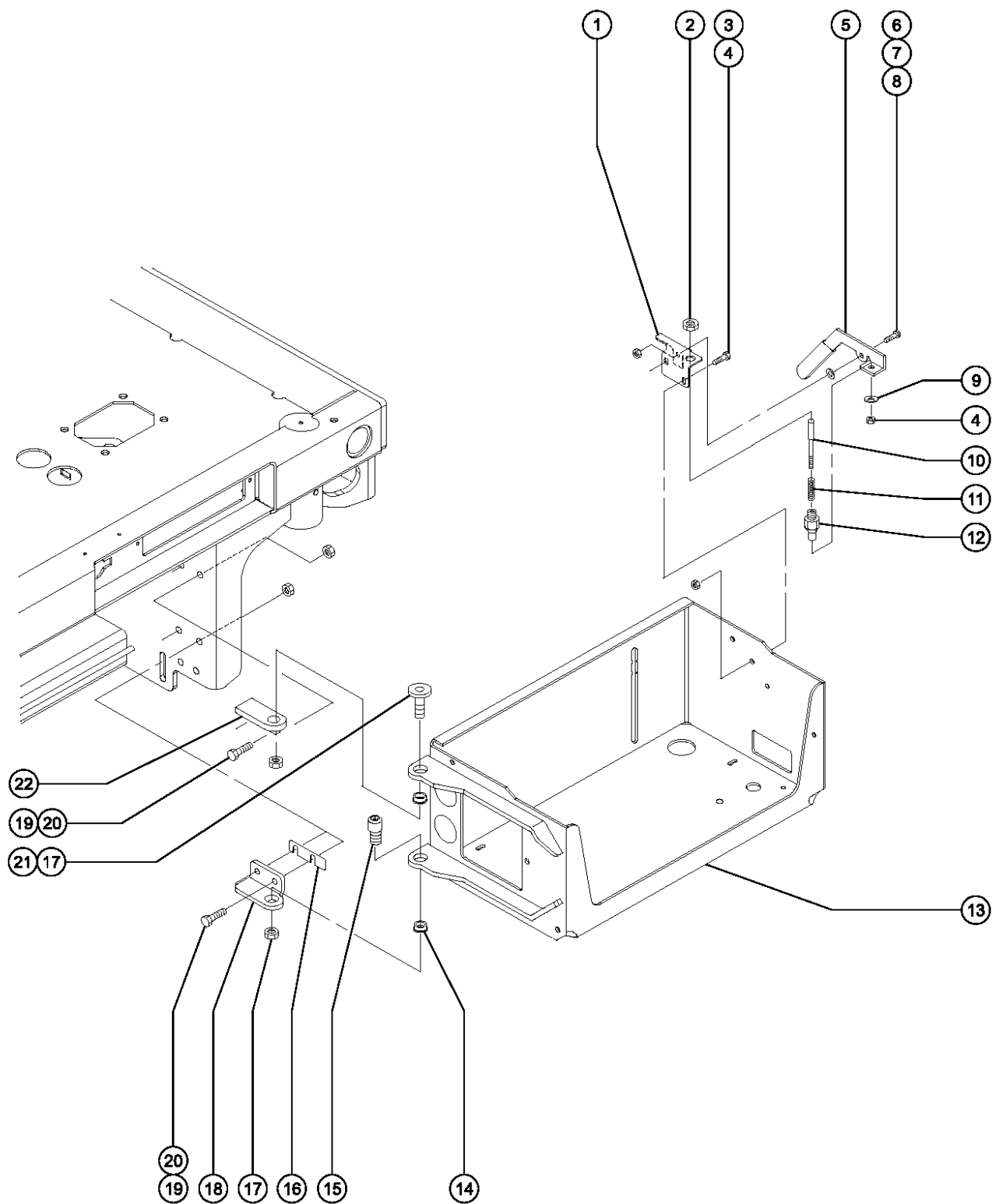
209.1 Power Unit Module Installation (to serial number 1999)



209.1 Power Unit Module Installation (to serial number 1999)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	4
2	6033GT	WASHER,LOCK,0.5"	2
3	36369GT	BEARING,0.75IDX1.00ODX0.75L	2
4	44160GT	LOCK PIN ASSY,3.00"	1
4-	39469GT	SPRING, COMPRESSION .485 X 1.75**	1
4-	39470GT	PIN, LOCK	1
4-	40835GT	AIR TO PLATFORM-SCR	1
4-	41630GT	HOUSING, LOCK PIN	1
5		Ref. Power Unit Module Tray Assembly	1
		(refer to Figures 208.2 or 208.3)	
6	39447GT	SPACER,MODULE,.06 THK. (1.524 mm) (quantity listed for this item is approximate)	1
7	5135GT	CLIP,HAIR PIN .094 X 2.5	2
		(0.239 x 6.35 cm)	
8	39244GT	SPACER,MODULE TRAY (0.765 I.D. x 1.75 O.D. x 0.125 inch) (1.94 x 4.45 x 0.318 cm)	2
9	39298PGT	HINGE WELDMENT,TOP RH,PAINTED	1
10	6886GT	WASHER,LOCK,.313	4
11	10107GT	SCREW,HHC,5/16-18 X .75	4
12	39532GT	GROUND STRAP	1

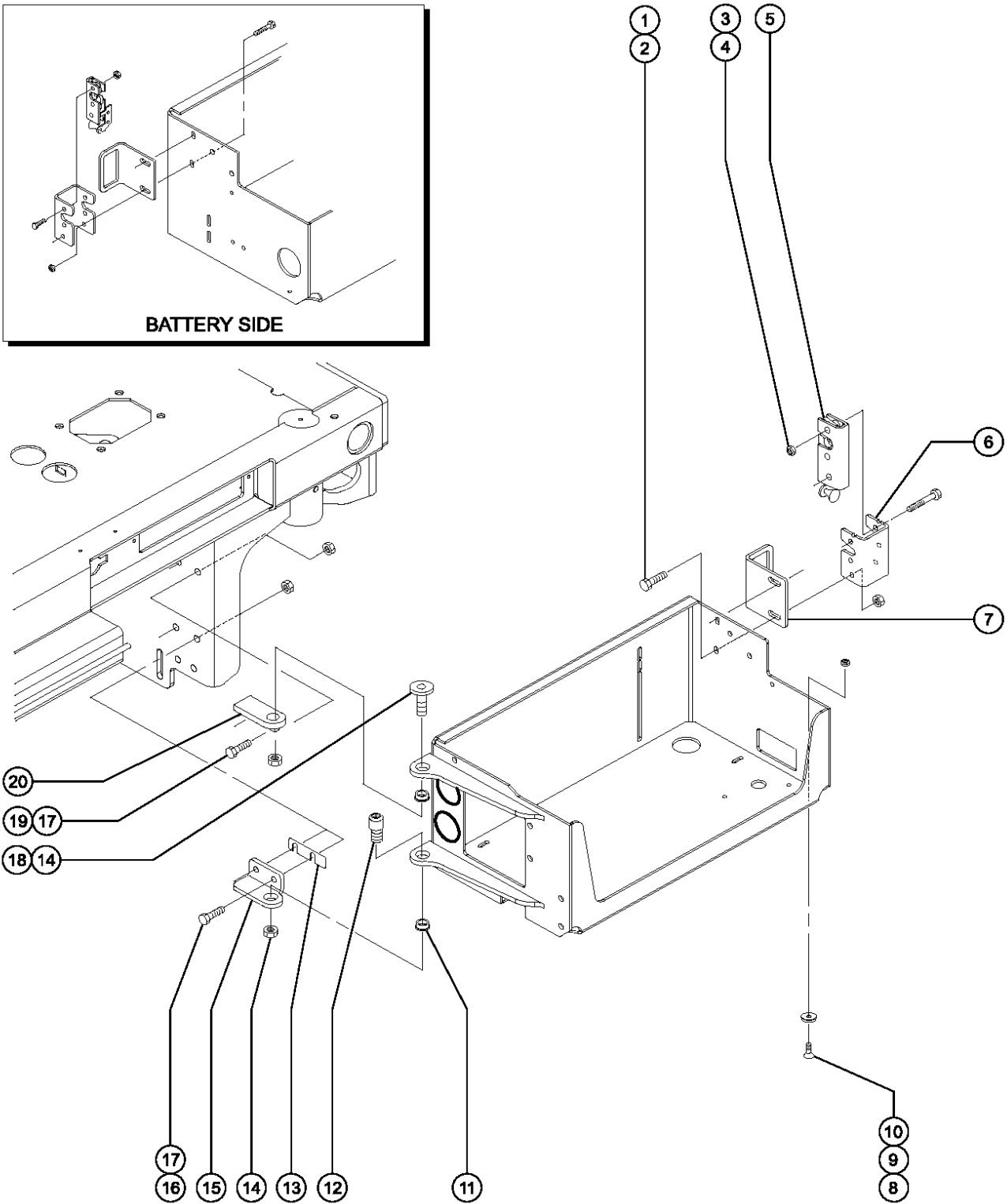
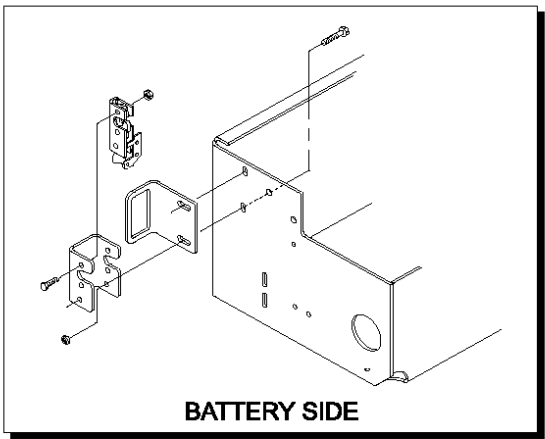
209.2 Power Unit Module Installation (from serial number 2000 to 35799)



209.2 Power Unit Module Installation (from serial number 2000 to 35799)

Item	Part No.	Description	Qty.
1	47331GT	BRACKET, LOCK PIN, RIGHT (ground controls side)	1
2	8538GT	NUT, LP NYLOCK, 3/4-10	1
3	33681GT	SCREW, HHC, 3/8-16 X .625	2
4	7713GT	NUT, LP NYLOCK, 3/8-16	3
5	46348GT	HANDLE-LOCK, PWR MOD. RIGHT SIDE (ground controls side)	1
5-	44733GT	HANDLE COVER, PLASTIC	1
6	1259223GT	BOLT, SHS, 3/8X.375X5/16-18, ZAG	1
7	47228GT	WASHER, NYLON, .406 X.750 X.032	1
8	6782GT	NUT, NYLOCK, 5/16-18	1
9	6097GT	WASHER, FLAT, USS, 3/8", Y	1
10	39470GT	PIN, LOCK	1
10-	47332GT	HANDLE, LOCK PIN, RT	1
11	39469GT	SPRING, COMPRESSION .485 X 1.75**	1
12	41630GT	HOUSING, LOCK PIN	1
13		Ref. Power Unit Module Tray Assembly (refer to Figures 208.2 or 208.3)	1
14	47548GT	BEARING, FLANGE, 0.75ID X 1.00OD X 0.49L (0.75 x 1 x 0.38 inch) (1.91 x 2.54 x 0.97 cm)	2
15	55983GT	PIN-THREADED SHLDR OFFS, 5/8-11	1
16	47342GT	SPACER, MODULE TRAY, .030 THK. (0.762 mm) (quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit)	2
17	38028GT	NUT, LP NYLOCK, 5/8-11	2
18	47324GT	BRACKET, BOX HINGE, LH-UP/RH-LO	1
19	10597GT	SCREW, HHC, 1/2-13 X 1.25 GR5	4
20	6086GT	NUT, LP NYLOCK, 1/2-13	4
21	47255GT	BOLT, SHORT SHOULDER	1
22	47323GT	BRACKET, BOX HINGE, RH-UP/LH-LO	1

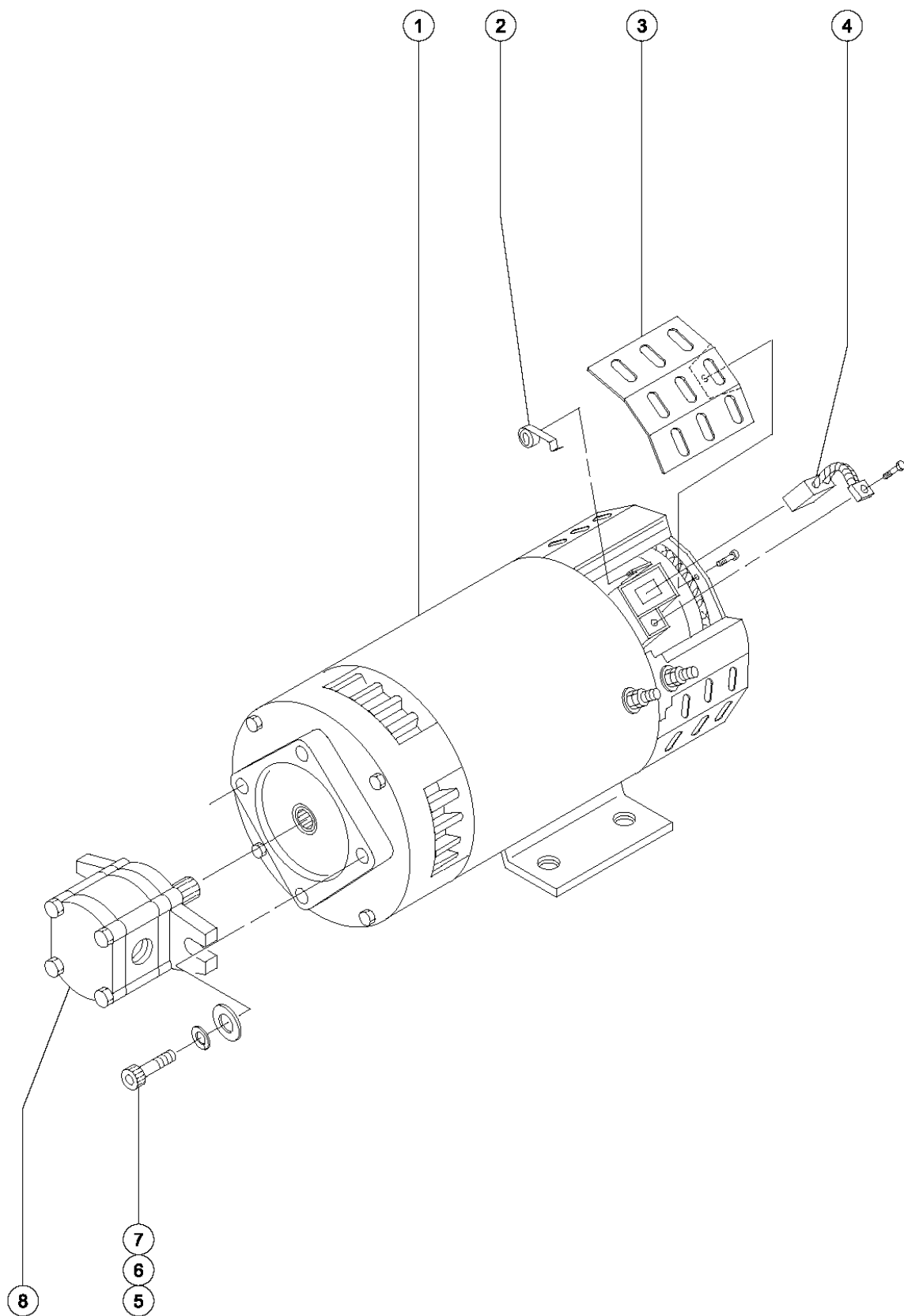
209.3 Power Unit Module Installation (from serial number 35800)



209.3 Power Unit Module Installation (from serial number 35800)

Item	Part No.	Description	Qty.
	65968GT	HANDLE-ROTATOR LATCH ASSY RS (ground controls side) (includes items 1-7) Ref. U-Bolt Assembly, Handle Catch (refer to Figure 201.4)	
1	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
2	6782GT	NUT, NYLOCK, 5/16-18	1
3	6002GT	NUT, LP NYLOCK, 5/16-18	2
4	13000GT	SCREW,HHC,5/16-18X1.375,8,ZAG	2
5	66901GT	LATCH,ROTARY, W/KNOB,RIGHT (ground controls side)	1
5A	66900GT	LATCH,ROTARY, W/KNOB, LEFT (battery side)	1
6	66714GT	FORMING,ROTARY LATCH MOUNT	1
7	66871GT	FORMING, MOD TRAY HANDLE	1
8	19284GT	SCREW,FHS,1/4-20 X .63	1
9	47793GT	BUMPER, MODULE TRAY (0.266 I.D. x 1.25 O.D. x 0.25 inch) (0.676 x 3.18 x 0.64 cm)	1
10	6889GT	NUT,LP NYLOCK,1/4-20	1
11	47548GT	BEARING,FLANGE,0.75IDX1.00ODX0.49L (0.75 x 1 x 0.38 inch) (1.91 x 2.54 x 0.97 cm)	2
12	55983GT	PIN-THREADED SHLDR OFFS,5/8-11	2
13	47342GT	SPACER,MODULE TRAY,.030 THK. Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit.	2
13-	47455GT	SPACER,MODULE TRAY,.075 THK. Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit.	2
14	38028GT	NUT,LP NYLOCK,5/8-11	2
15	47324GT	BRACKET,BOX HINGE,LH-UP/RH-LO	1
16	51496GT	SCREW,HHC,1/2-13 X 1.375	2
17	6086GT	NUT,LP NYLOCK,1/2-13	4
18	47255GT	BOLT,SHORT SHOULDER	1
19	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	4
20	47323GT	BRACKET,BOX HINGE,RH-UP/LH-LO	1

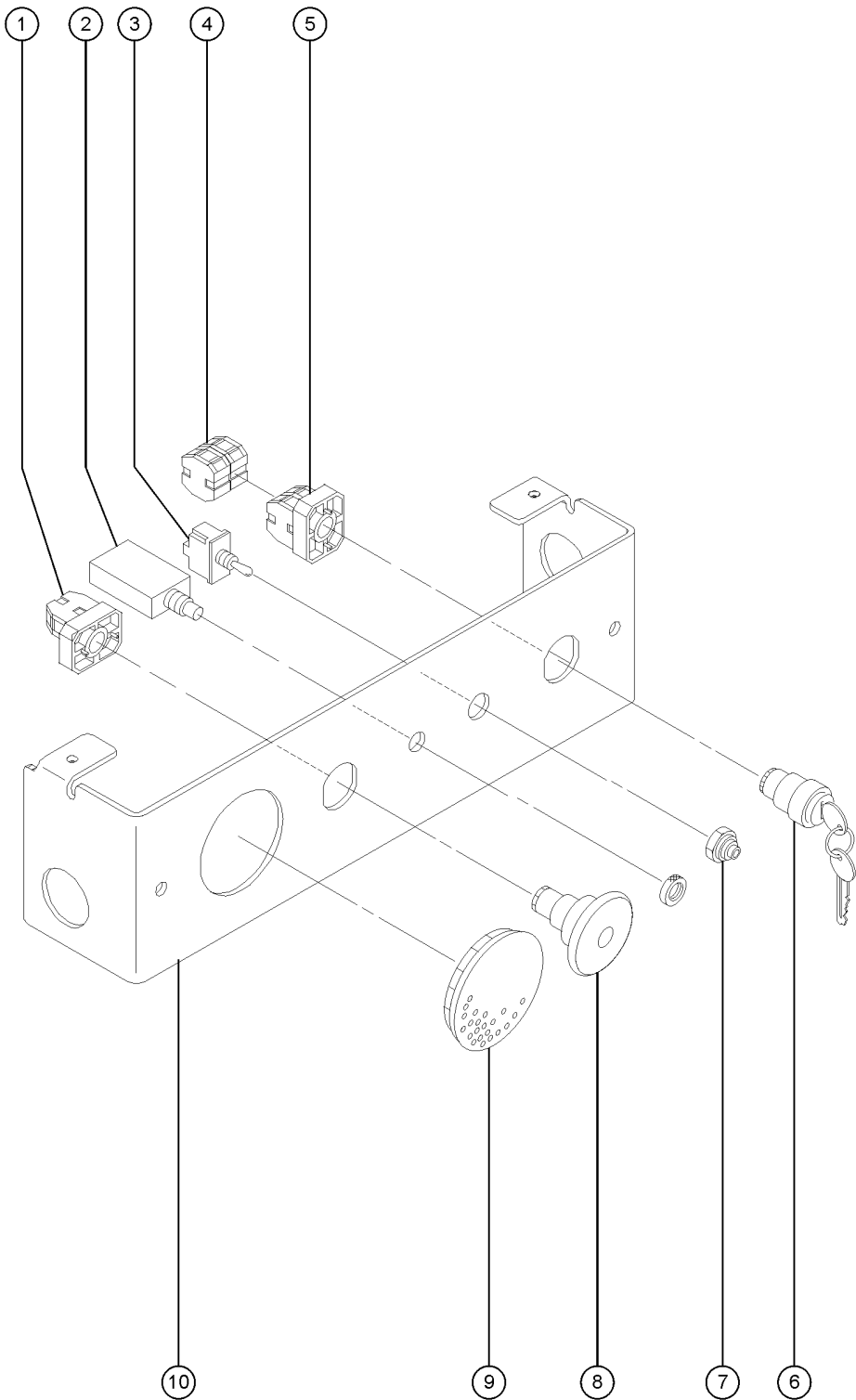
210.1 Hydraulic Power Unit



210.1 Hydraulic Power Unit

Item	Part No.	Description	Qty.
	65335-SGT	POWER UNIT ASSY-HYDR MOD.***** (includes items 1-8)	
1	40844GT	MOTOR, ELECTRIC, 24VDC for units before SN 16989, unit requires bracket 105390	1
1-	44777GT	BEARING,MOTOR	1
1-	44778GT	BEARING,MOTOR,36843,BRUSH END*	1
1-	43685GT	SEAL KIT,LIFT PUMP,BARNES**	1
1-	105390GT	BRACKET, CONTROLLER MOUNT,SP (to SN 16988) not shown, not included, sold separately	1
2	44750GT	SPRING-BRUSH,40844, SCISSORS	4
3	44752GT	COVER-BRUSH INSPEC.40844,SCISS	4
4	44751GT	BRUSH,PWR UNIT (40844)**	4
5	55921GT	SCREW, SHC, 3/8-24 X 1.25"	2
6	6021GT	WASHER, LOCK, .375	2
7	6097GT	WASHER, FLAT, USS, 3/8", Y	2
8	231572GT	PUMP,4CC,GEAR,CCW	1
8-	66206GT	PUMP KIT,BOSCH,GS30*** (service kit for Barnes pump) (to SN 16988)	1

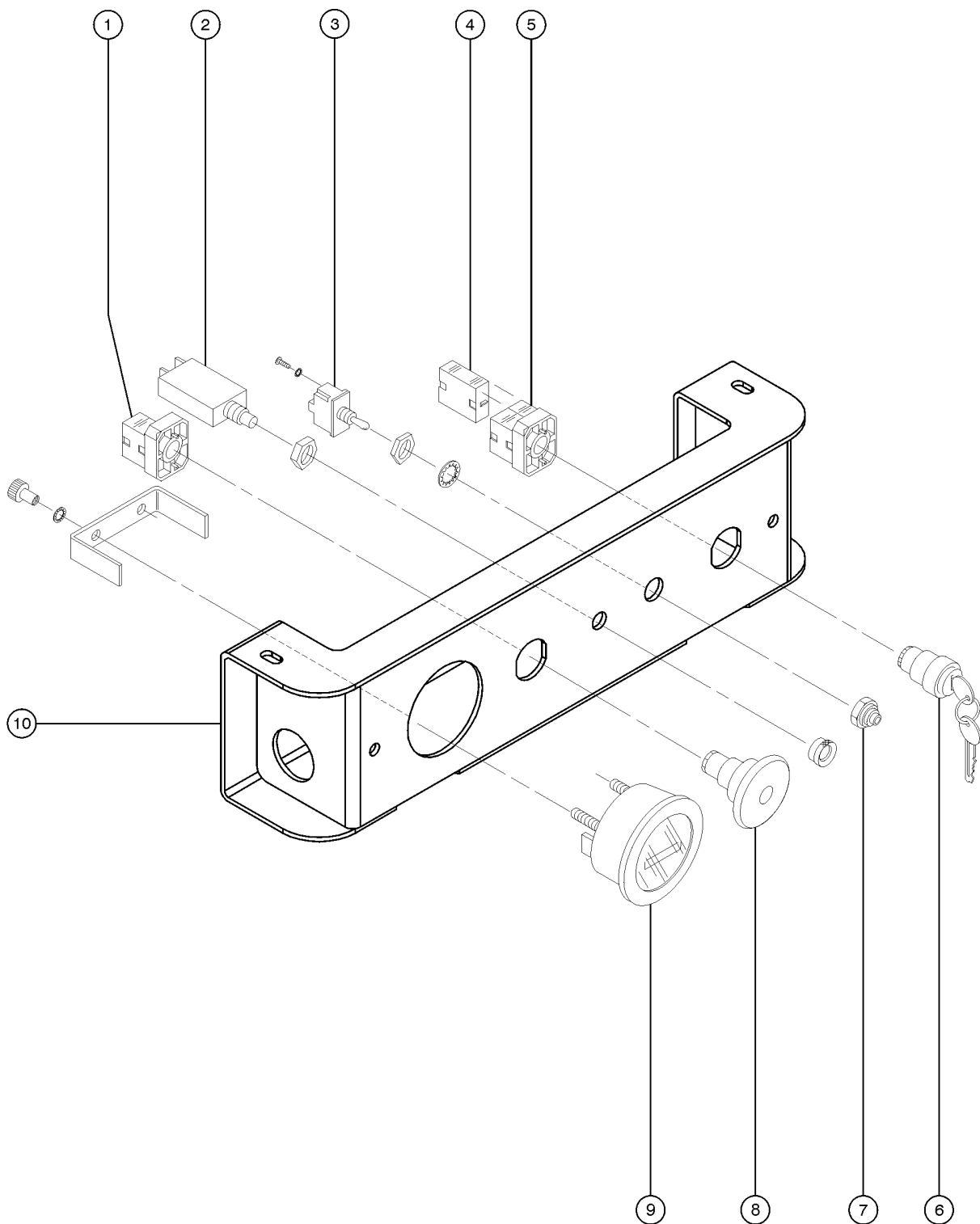
211.1 Ground Controls (to SN 28695)



211.1 Ground Controls (to SN 28695)

Item	Part No.	Description	Qty.
1		Ref. E-stop (refer to item 8)	1
2	96452GT	CIRCUIT BREAKER, 7.0 AMP***	1
3	T114691GT	ASSY, SWITCH, TOGGLE, SPDT***** (direct replacement for 13037-S and 96418)	1
4		Ref. Contact (refer to item 6)	2
5		Ref. Base, Push Button (refer to item 6)	1
6	96011GT	KIT, KEYSWITCH*** (this is an update kit; the original key switch is no longer available from the supplier. Please note, if this kit has already been installed on the unit, refer to the part numbers listed below)	1
6-	21982GT	KEY, SINGLE***	
6-	37947GT	KEYS, 10 PACK***	
6-	83093GT	KEY SINGLE*** (with boot)	
6-	96008-SGT	KEYSWITCH, 3 POS. W/KEYS***	
6-	96009GT	WASHER, NITRILE	
6-	96010GT	SCREW, PHILLIPS, PHM, 8-32 X.25**	
7	27246GT	BOOT, TOGGLE SWITCH, SHORT*	1
8A	66761GT	SERVICE KIT, E-STOP (this is an update kit; the original E-stop button is no longer available from the supplier. Please note, if this kit has already been installed on the unit, refer to the part numbers listed below)	1
8B	66812GT	BUTTON, PUSH, RED MUSHROOM HEAD	1
8B-	66817GT	E-STOP W/ NC CONTACT	1
8B-	66818GT	CONTACT, NC	1
9	19506GT	HOOR METER, 10-80 VOLTS*** (analog) (includes mounting brackets and fasteners)	1
9-	56100GT	HOOR METER, LCD, 9-60 VDC*** (digital) (includes mounting brackets and fasteners)	1
9-	45840GT	PLUG, NYLON 2.00 BLACK DOMED	1
10	65734GT	CONTROL PANEL-LOWER (includes decals and mounting fasteners) (refer to section one for decals)	1
10-	66455GT	LWR CONTROL PANEL, WLDMT ***	

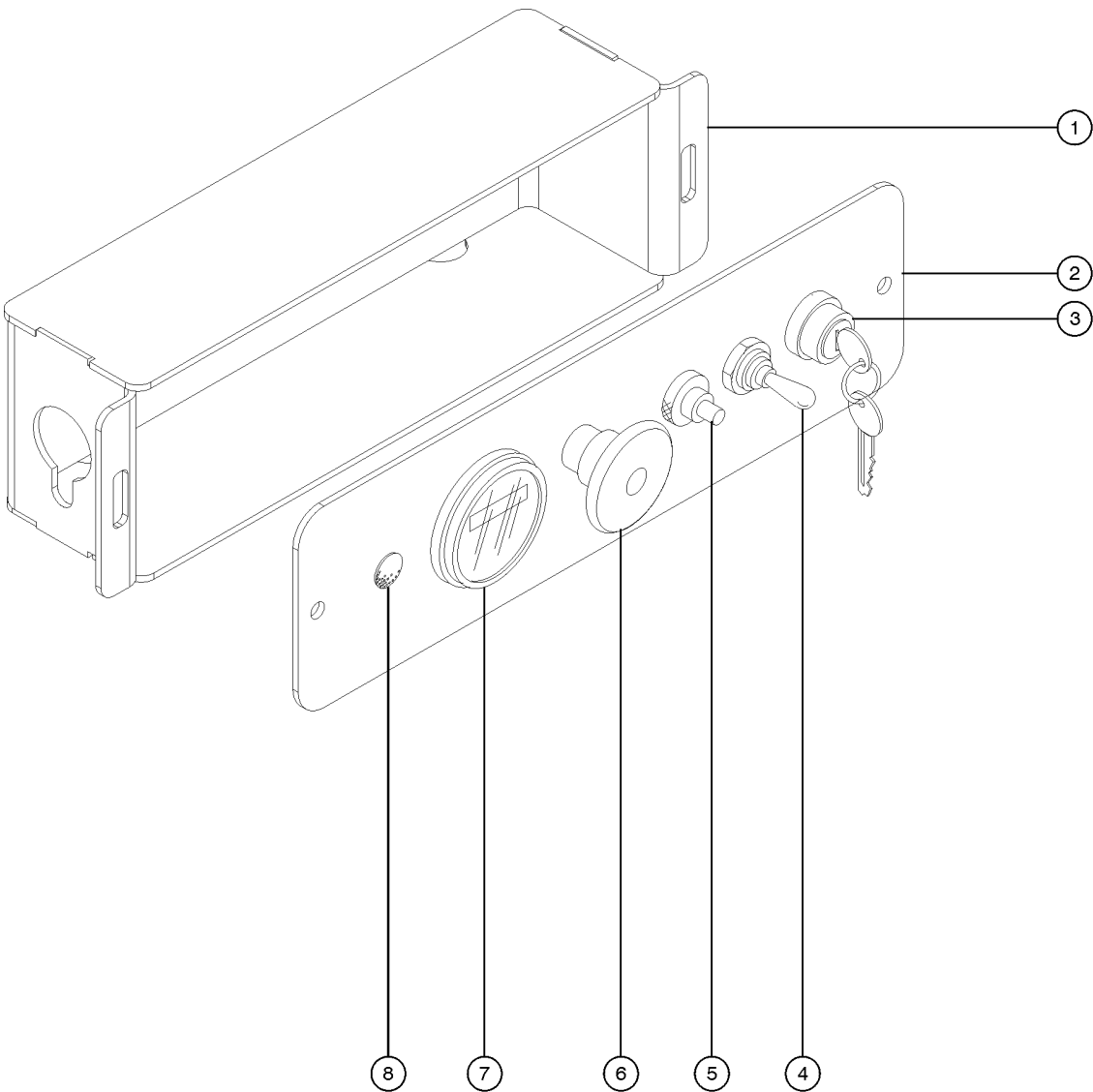
211.2 Ground Controls (from SN 28696 to 45894)



211.2 Ground Controls (from SN 28696 to 45894)

Item	Part No.	Description	Qty.
1		Ref.Base, Push Button (refer to item 8)	1
2	96452GT	CIRCUIT BREAKER, 7.0 AMP***	1
3	T114691GT	ASSY,SWITCH,TOGGLE,SPDT***** (direct replacement for 13037-S and 96418)	1
4		Ref. Contact (refer to item 6)	
5		Ref. Base, Push Button (refer to item 6)	
6A	96011GT	KIT, KEYSWITCH*** (this is an update kit; the original key switch is no longer available from the supplier. Please note, if this kit has already been installed on the unit, refer to the part numbers listed below)	1
6A-	21982GT	KEY,SINGLE***	1
6A-	37947GT	KEYS,10 PACK***	1
6A-	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	
6A-	96009GT	WASHER,NITRILE	
6A-	96010GT	SCREW,PHILLIPS,PHM,8-32 X.25**	
6B	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING (Nikken models)	
6B-	85239GT	RETAINER NUT (96008)***	
6B-	83093GT	KEY SINGLE*** (with boot)	
7	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
8	66761GT	SERVICE KIT,E-STOP (this is an update kit; the original E-stop button is no longer available from the supplier. Please note, if this kit has already been installed on the unit, refer to the part numbers listed below)	1
8-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
8-	66817GT	E-STOP W/ NC CONTACT (includes 1 N.C. Contact)	
8-	66818GT	CONTACT,NC	
9	19506GT	HOURLY METER, 10-80 VOLTS*** (analog) (includes mounting brackets and fasteners)	1
9-	56100GT	HOURLY METER,LCD,9-60 VDC*** (digital) (includes mounting brackets and fasteners)	
9-	45840GT	PLUG,NYLON 2.00 BLACK DOMED	
10	65734GT	CONTROL PANEL-LOWER (includes bracket, decals and mounting fasteners) (refer to section one for decals)	1
10-	66455GT	LWR CONTROL PANEL, WLDMT ***	

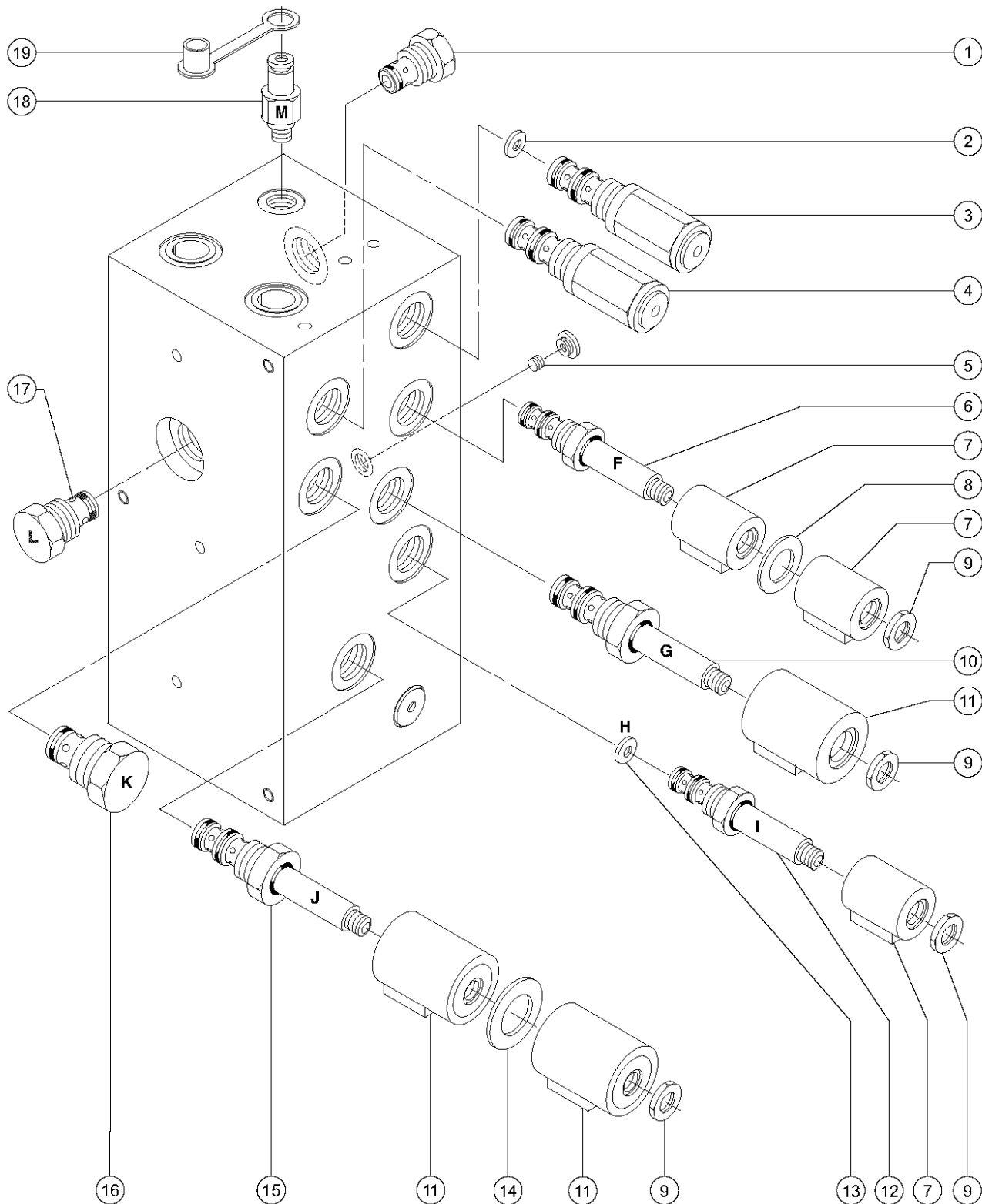
211.3 Ground Controls (from SN 45895)



211.3 Ground Controls (from SN 45895)

Item	Part No.	Description	Qty.
A-	66761GT	SERVICE KIT,E-STOP Complete	
1	78144GT	WELDMENT, LOWER CONTROL PANEL 1	1
2	78140GT	PLATE, LCP, FRONT 1	1
3	96011GT	KIT, KEYSWITCH*** 1	1
3A-	21982GT	KEY,SINGLE*** 1	
3A-	37947GT	KEYS,10 PACK*** 1	
3A-	96009GT	WASHER,NITRILE 1	
3B	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING 1 (Nikken models)	1
3B-	85239GT	RETAINER NUT (96008)*** 1	
3B-	83093GT	KEY SINGLE*** 1 (with boot)	
4	T114691GT	ASSY,SWITCH,TOGGLE,SPDT***** 1	1
4-	27246GT	BOOT,TOGGLE SWITCH,SHORT* 1 (sold seperately)	
5	96452GT	CIRCUIT BREAKER, 7.0 AMP*** 1	1
6	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD 1	1
6-	66817GT	E-STOP W/ NC CONTACT 1 (includes 1 each N.C. contact)	
6-	66818GT	CONTACT,NC 1	
7	19506GT	HOURLY METER, 10-80 VOLTS*** 1 (digital) (includes mounting bracket)	1
7-	56100GT	HOURLY METER,LCD,9-60 VDC*** 1 (analog) (includes mounting brackets and fasteners)	
8	47478GT	BUMPER, RUBBER, 1"OD X .461H 1	1

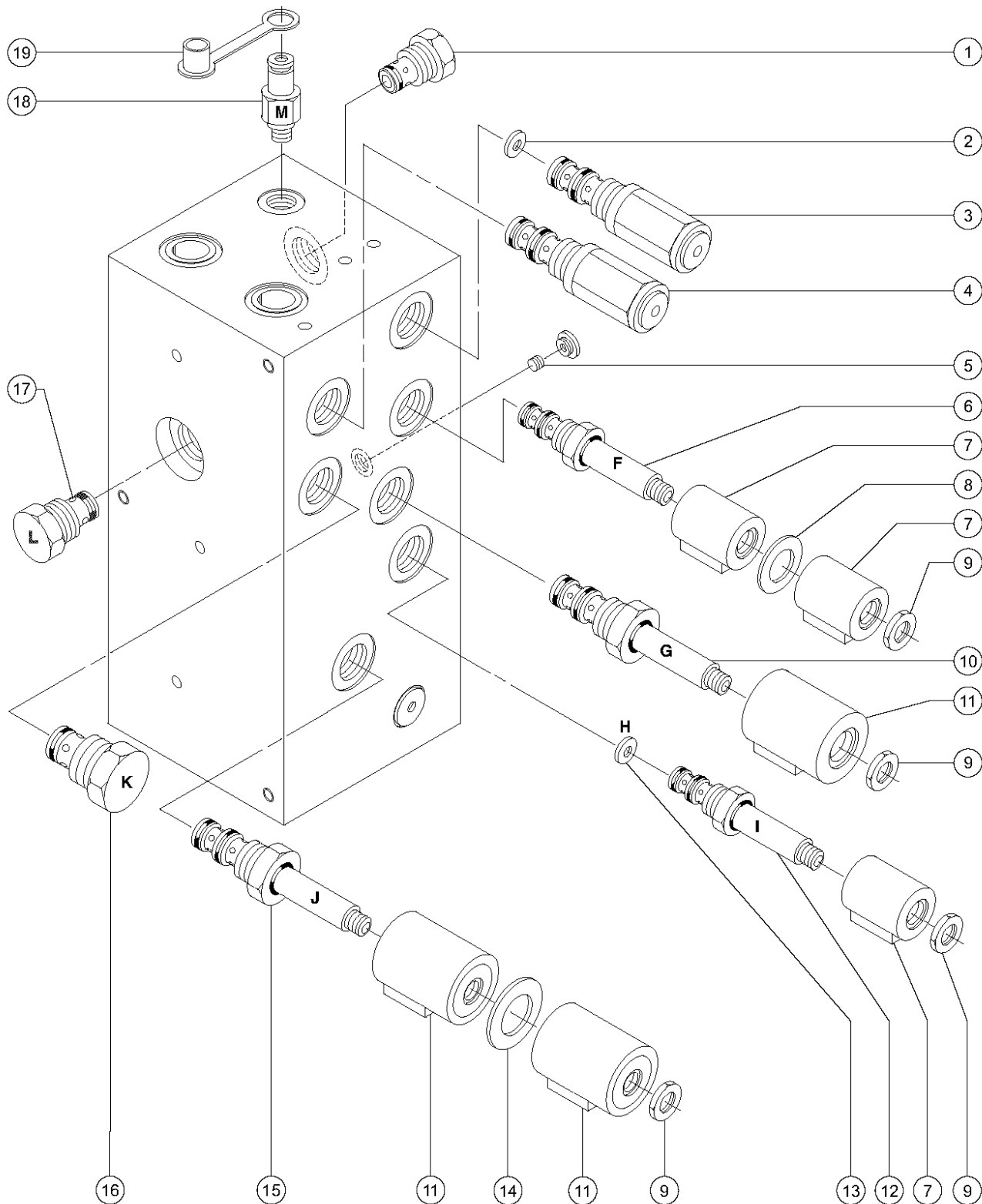
212.1 Function Manifold (to serial number 6843)



212.1 Function Manifold (to serial number 6843)

Item	Part No.	Description	Qty.
A		Flow regulator valve Steer circuit	
B		Orifice Steer circuit	
C		Relief valve Steering relief	
D		Relief valve System relief	
E		Orifice Brake circuit	
F		Solenoid valve Steer left/right	
G		Solenoid valve Platform up	
H		Orifice Brake circuit	
I		Solenoid valve Brake circuit	
J		Solenoid valve Forward/reverse	
K		Check Valve Brake circuit	
L		Check Valve Steer circuit	
M		Diagnostic nipple Testing	
N	51678GT	MANIFOLD-MAIN,GS30,W20 VDC*** (non-dynamic braking manifold, complete)	
1	62082GT	VALVE-FLOW REGULATOR 0.75 GPM (2.8 L/min)	1
1-	44225GT	SEAL KIT, VALVE	1
2	46288GT	ORIFICE DISC,.040" (1.02 mm)	1
3	44166GT	VALVE,RELIEF,1000PSI(SCISSORS (69 bar)	1
3-	44227GT	SEAL KIT, VALVE	1
4	1299588GT	VALVE, 4047 CYLINDER RELIEF	1
5	44177GT	ORIFICE PLUG,.025" ** (to SN 8699) (0.64 mm)	1
6	44168GT	VALVE,SOLENOID,3POS 4WAY Steer left/right (F)	1
6-	44229GT	SEAL KIT, VALVE	1
7	39347GT	COIL,20V W/DIODE,#8 (SCI)***	3
8	44236GT	SPACER-DUAL COIL,#8***	1
9	44174GT	NUT-COIL SHORT	4
10	44169GT	VALVE-SOLENOID, 2POS 4 WAY Platform up (G)	1
10-	44230GT	SEAL KIT-P.N.44169,44172,44171	1

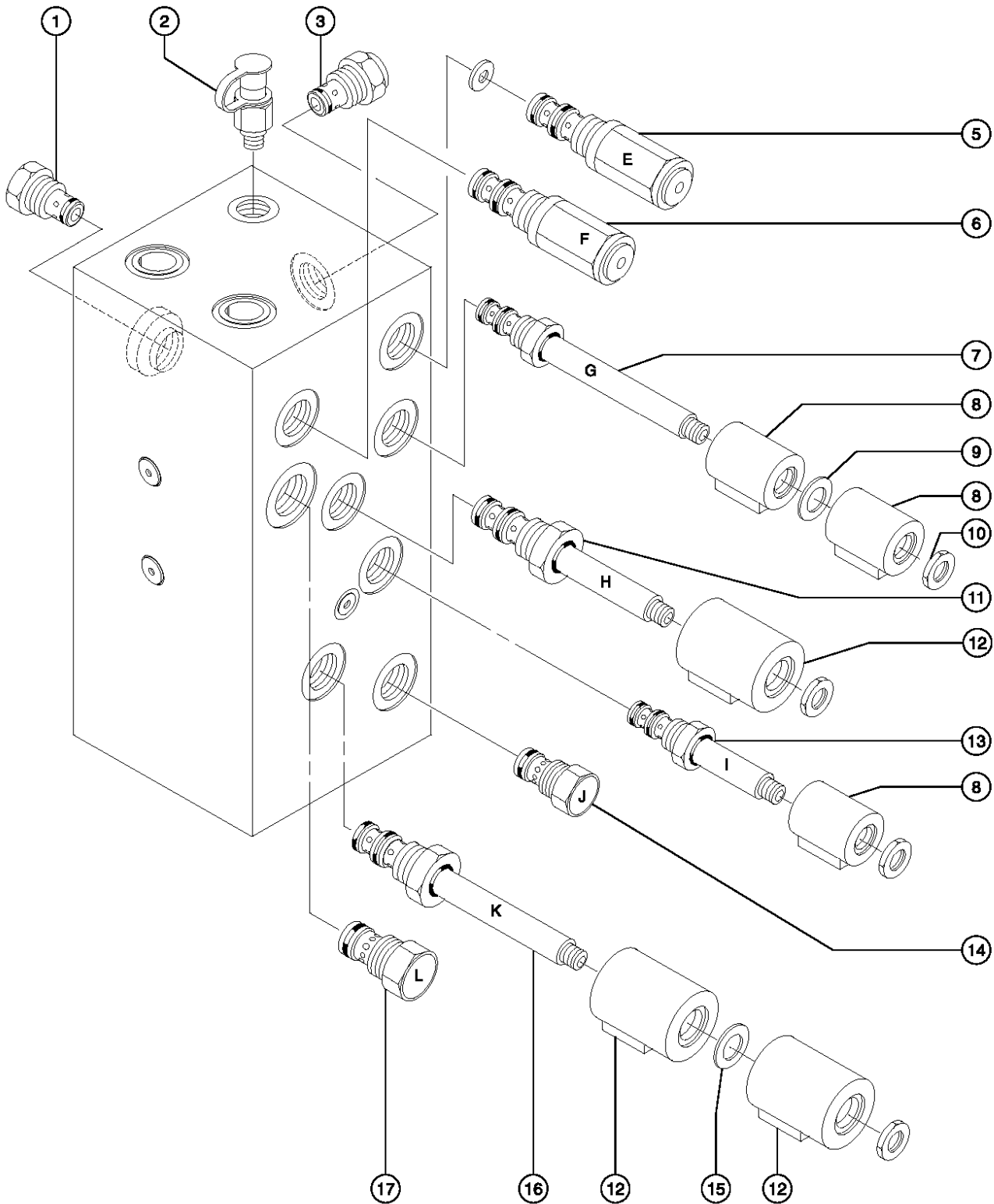
212.1 Function Manifold (to serial number 6843)



212.1 Function Manifold (to serial number 6843)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
11	44176GT	COIL,20V W/DIODE,#10 (SCI)	3
12	44170GT	VALVE-SOLENOID N.O.(SCISSORS)*	1
		Brake circuit (I)	
12-	44228GT	SEAL KIT, VALVE	1
13	44247GT	ORIFICE WASHER,.060", SCISSORS	1
		Brake circuit (H) (1.5 mm)	
14	44175GT	SPACER-DUAL COIL,#10, SCISSORS	1
15	105457GT	KIT,DYN BRAKING VALVE,MINI	1
		Drive forward/reverse (J)	
15-	44230GT	SEAL KIT-P.N.44169,44172,44171	1
16	44178GT	VALVE,CHECK,5 PSI**	1
		Brake circuit (K) (0.34 bar)	
16-	44224GT	SEAL KIT, VALVE	1
17	48659GT	VALVE,CHECK***	1
		Steer circuit (L) (from SN 1888)	
17-	44227GT	SEAL KIT, VALVE	1
18	48997GT	NIPPLE,DIAGNOSTIC,#4	1
		test port (M)	
18-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
19	48880GT	CAP,DIAGNOSTIC NIPPLE	1

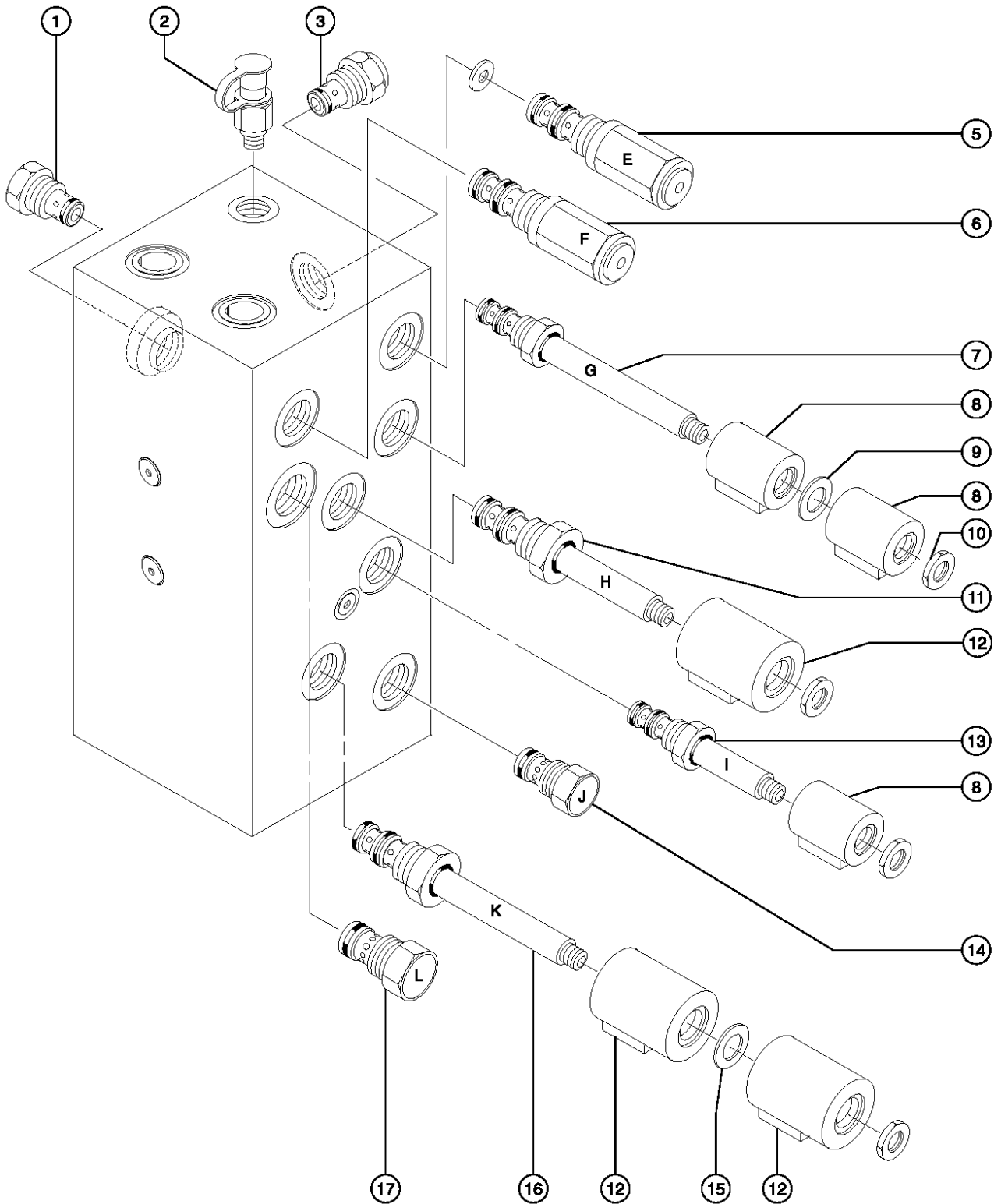
212.2 Function Manifold (from serial number 6844 to 35799)



212.2 Function Manifold (from serial number 6844 to 35799)

Item	Part No.	Description	Qty.
A		Check valve Steer circuit	
B		Diagnostic nipple Testing	
C		Relief valve Priority flow	
D		Flow regulator valve Steer relief	
E		Relief valve Steer relief	
F		Relief valve System relief	
G		Solenoid valve Steering (right/left)	
H		Solenoid valve Lift circuit	
I		Solenoid valve Brake circuit	
J		Check valve Plug	
K		Solenoid valve Forward/reverse	
L		Check valve Steer circuit	
M	51678GT	MANIFOLD-MAIN,GS30,W20 VDC*** (non-dynamic braking manifold, complete)	
1	48659GT	VALVE,CHECK***	1
1-	44227GT	SEAL KIT, VALVE	1
2	48997GT	NIPPLE,DIAGNOSTIC,#4	1
2-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
2-	48880GT	CAP,DIAGNOSTIC NIPPLE	1
3	44179GT	VALVE-FLOW REGULATOR 0.5 GPM (to SN 11498) (1.8 L/min)	1
3A	62082GT	VALVE-FLOW REGULATOR 0.75 GPM (from SN 11499) (2.8 L/min)	1
3-	44225GT	SEAL KIT, VALVE	1
4	46288GT	ORIFICE DISC,.040" (1.02 mm)	1
5	65184GT	VALVE-RELIEF,1500 PSI, RV2 use until exhausted	1
5-	44227GT	SEAL KIT, VALVE	1
5B	1299589GT	VALVE, IWP LIFT POWER ASSIST RELIEF, 1500PSI Steer relief (E) (103.4 bar), (replaces 65184GT)	1
6	1299588GT	VALVE, 4047 CYLIDER RELIEF System relief (F)	1
7	44168GT	VALVE,SOLENOID,3POS 4WAY Steer left/right (G)	1
7-	44229GT	SEAL KIT, VALVE	1

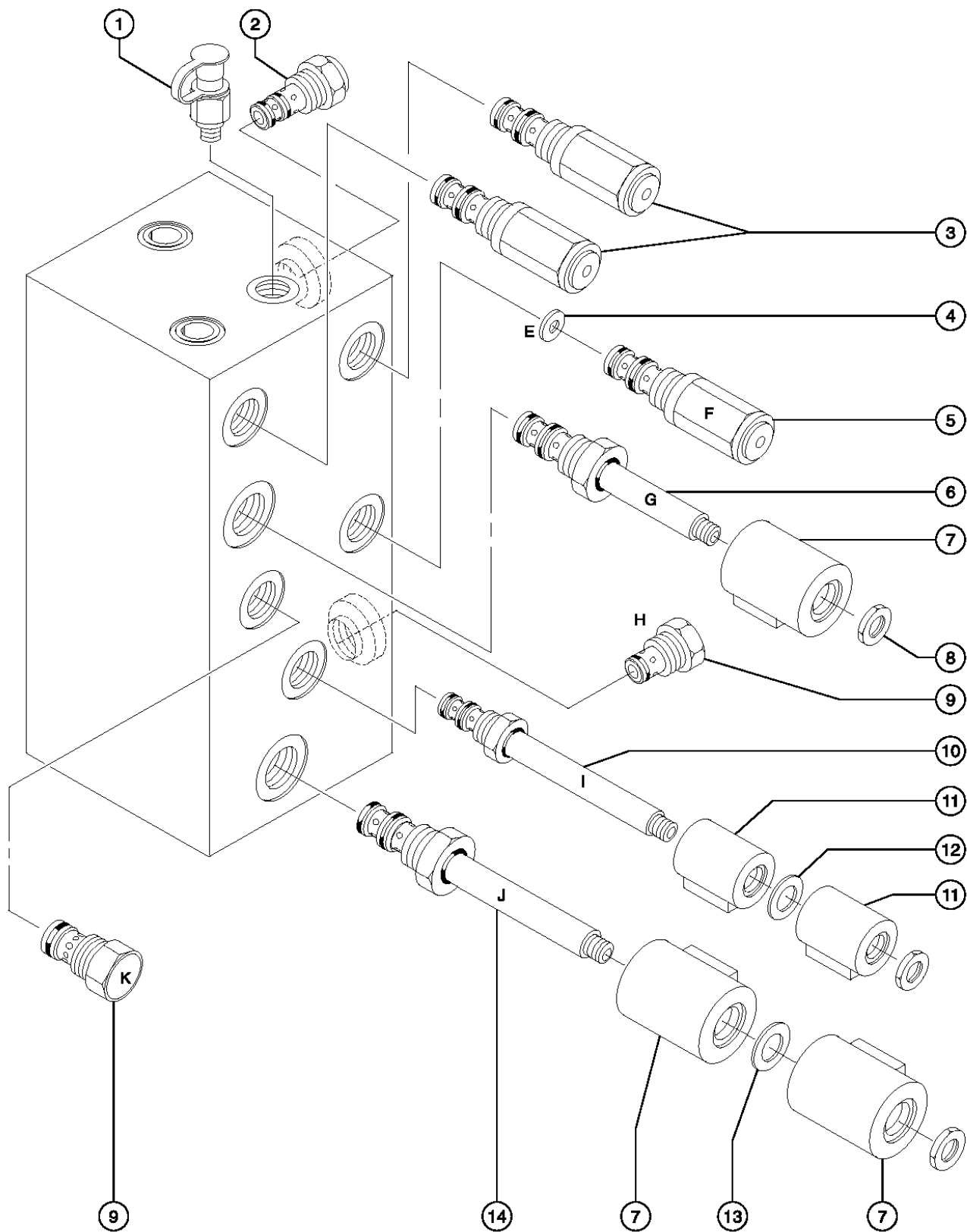
212.2 Function Manifold (from serial number 6844 to 35799)



212.2 Function Manifold (from serial number 6844 to 35799)

Item	Part No.	Description	Qty.
8	52594GT	COIL,20V DS W/DIODE	3
9	44236GT	SPACER-DUAL COIL,#8***	1
10	44174GT	NUT-COIL SHORT	4
11	44169GT	VALVE-SOLENOID, 2POS 4 WAY	1
		Lift circuit (H)	
11-	44230GT	SEAL KIT-P.N.44169,44172,44171	1
12	52595GT	COIL,20V DS W/DIODE,#10 SCISR	3
13	44170GT	VALVE-SOLENOID N.O.(SCISSORS)*	1
		Brake circuit (I)	
13-	44228GT	SEAL KIT, VALVE	1
14	44232GT	CAVITY PLUG, GS15/19	1
		Check valve (J)	
15	44175GT	SPACER-DUAL COIL,#10, SCISSORS	1
16	105457GT	KIT,DYN BRAKING VALVE,MINI	1
		Drive forward/reverse (K)	
16-	44230GT	SEAL KIT-P.N.44169,44172,44171	1
17	44178GT	VALVE,CHECK,5 PSI**	1
		Steer circuit (L) (0.34 bar)	
17-	44224GT	SEAL KIT, VALVE	1

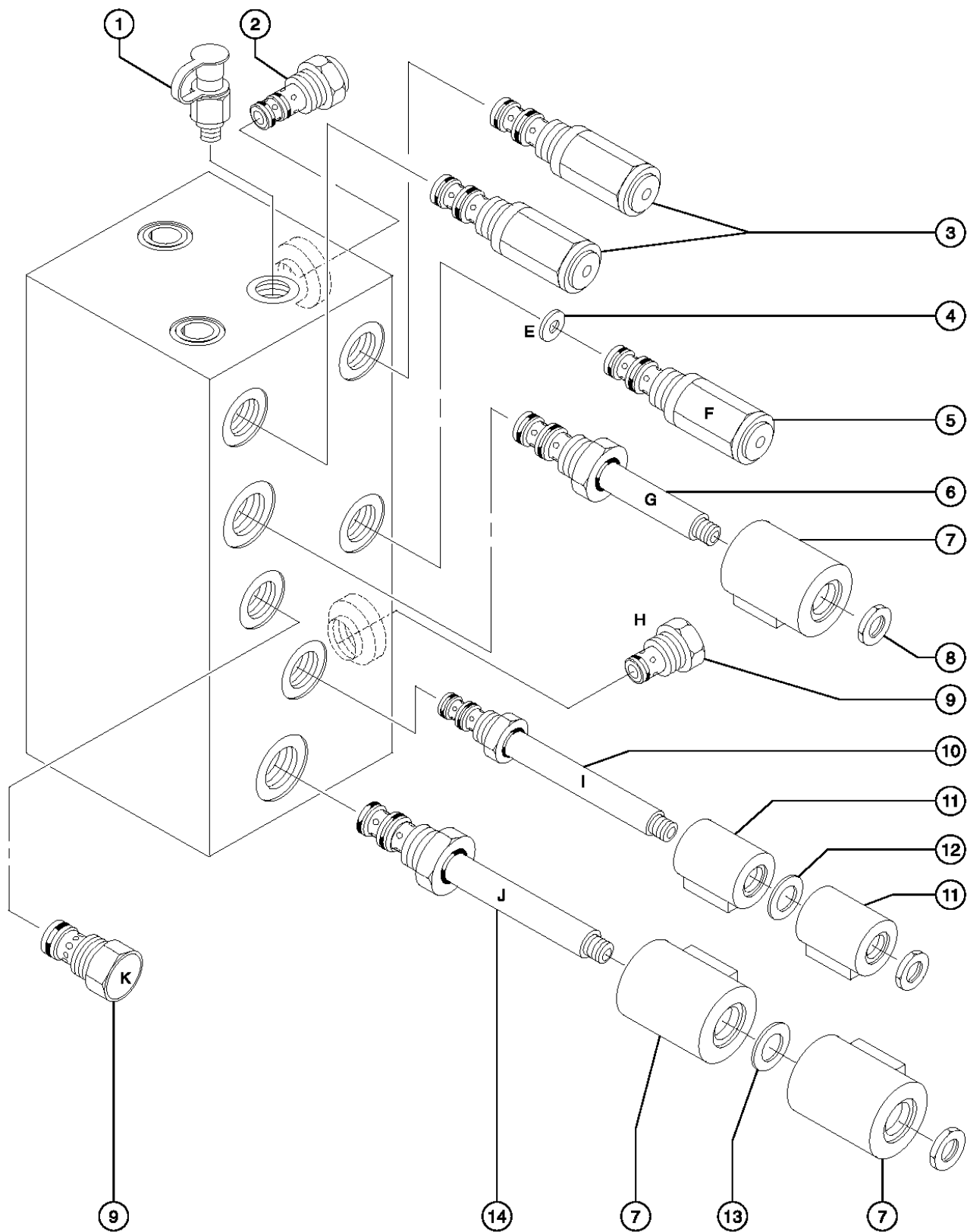
212.3 Function Manifold (from serial number 35800)



212.3 Function Manifold (from serial number 35800)

Item	Part No.	Description	Qty.
A		Diagnostic nipple Testing (refer to drawing)	
B		Flow regulator valve Priority flow (refer to drawing)	
C		Relief valve Lift relief (refer to drawing)	
D		Relief valve Drive relief (refer to drawing)	
E		Orifice Steer circuit (refer to drawing)	
F		Relief valve Steering (right/left) (refer to drawing)	
G		Solenoid valve Drive/Lift circuit (refer to drawing)	
H		Check valve Drive circuit (refer to drawing)	
I		Solenoid valve Steer circuit (refer to drawing)	
J		Solenoid valve Forward/reverse (refer to drawing)	
K		Check valve Steer circuit (refer to drawing)	
L	66771GT	MANIFOLD, MAIN, GS30 (non-dynamic braking manifold, complete)	
1	48997GT	NIPPLE,DIAGNOSTIC,#4	1
1-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT (Parker part no. PD242)	1
1-	48880GT	CAP,DIAGNOSTIC NIPPLE	1
2	62082GT	VALVE-FLOW REGULATOR 0.75 GPM (2.8 L/min)	1
2-	44225GT	SEAL KIT, VALVE	1
3	1299590GT	VALVE, FUNCTION MANIFOLD RELIEF, 3700PSI (255.1 bar)	2
3-	44226GT	SEAL KIT-FOR P.N.44167	2
4	46288GT	ORIFICE DISC,.040" Steer left/right (E) (1.02 mm)	1
5	65184GT	VALVE-RELIEF,1500 PSI, RV2 use until exhausted	
5-	44227GT	SEAL KIT, VALVE	1
5B	1299589GT	VALVE, IWP LIFT POWER ASSIST RELIEF, 1500PSI Steer relief (F) (103.4 bar), (replaces 65184GT)	1
6	44169GT	VALVE-SOLENOID, 2POS 4 WAY Lift/drive select (G)	1
6-	44230GT	SEAL KIT-P.N.44169,44172,44171	1
7	52595GT	COIL,20V DS W/DIODE,#10 SCISR	3
8	44174GT	NUT-COIL SHORT	1
9	46216GT	VALVE,CHECK,IWP-S/CWP PWR ASSI Drive circuit (H) and Steer circuit (K) (0.68 bar)	2

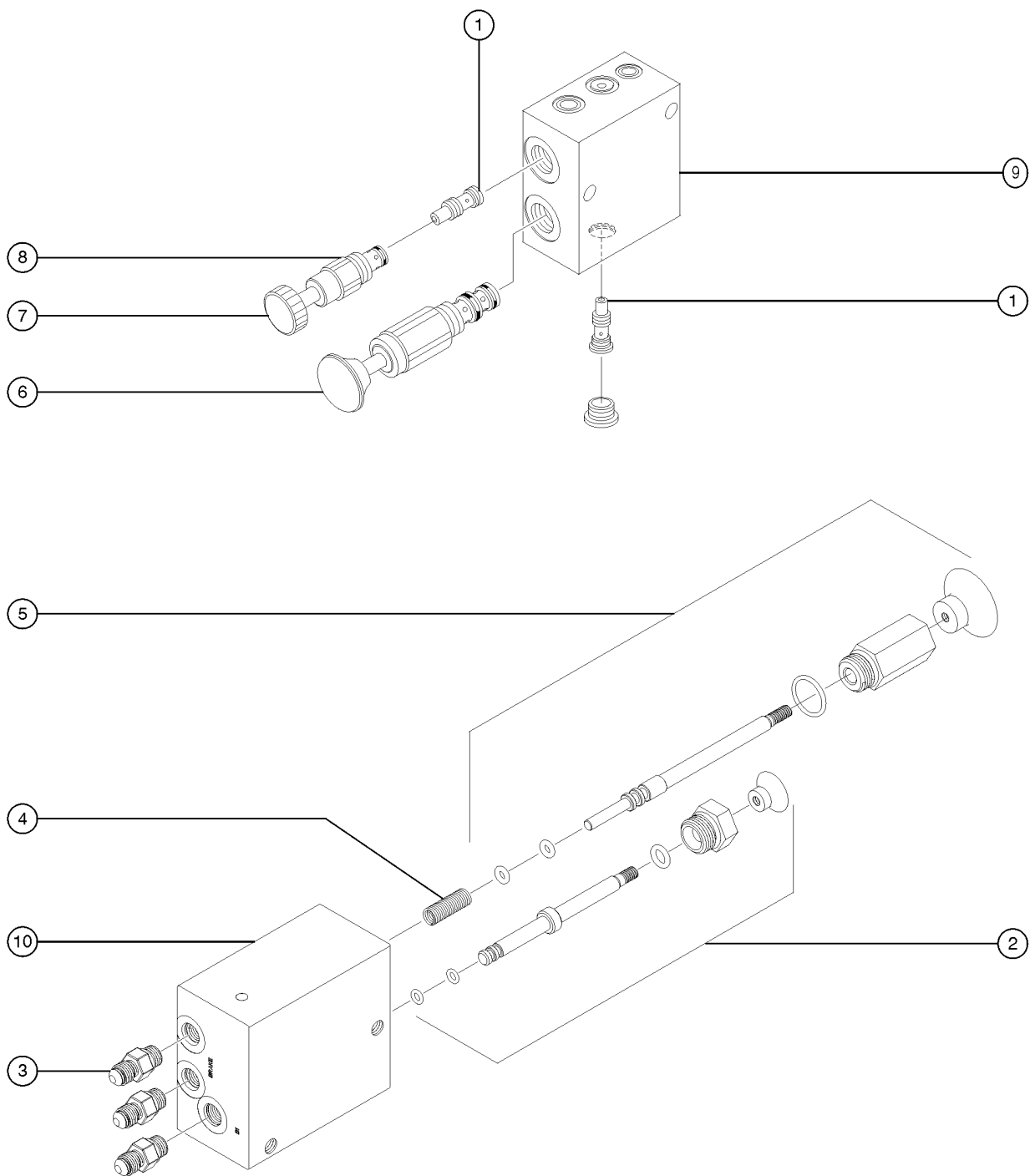
212.3 Function Manifold (from serial number 35800)



212.3 Function Manifold (from serial number 35800)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
9-	44224GT	SEAL KIT, VALVE	2
10	44168GT	VALVE, SOLENOID, 3POS 4WAY	1
		Steer left/right (I)	
10-	44229GT	SEAL KIT, VALVE	1
11	52594GT	COIL, 20V DS W/DIODE	1
12	44236GT	SPACER-DUAL COIL, #8***	1
13	44175GT	SPACER-DUAL COIL, #10, SCISSORS	1
14	105457GT	KIT, DYN BRAKING VALVE, MINI	1
		Drive forward/reverse (J)	
14-	44230GT	SEAL KIT-P.N.44169,44172,44171	1

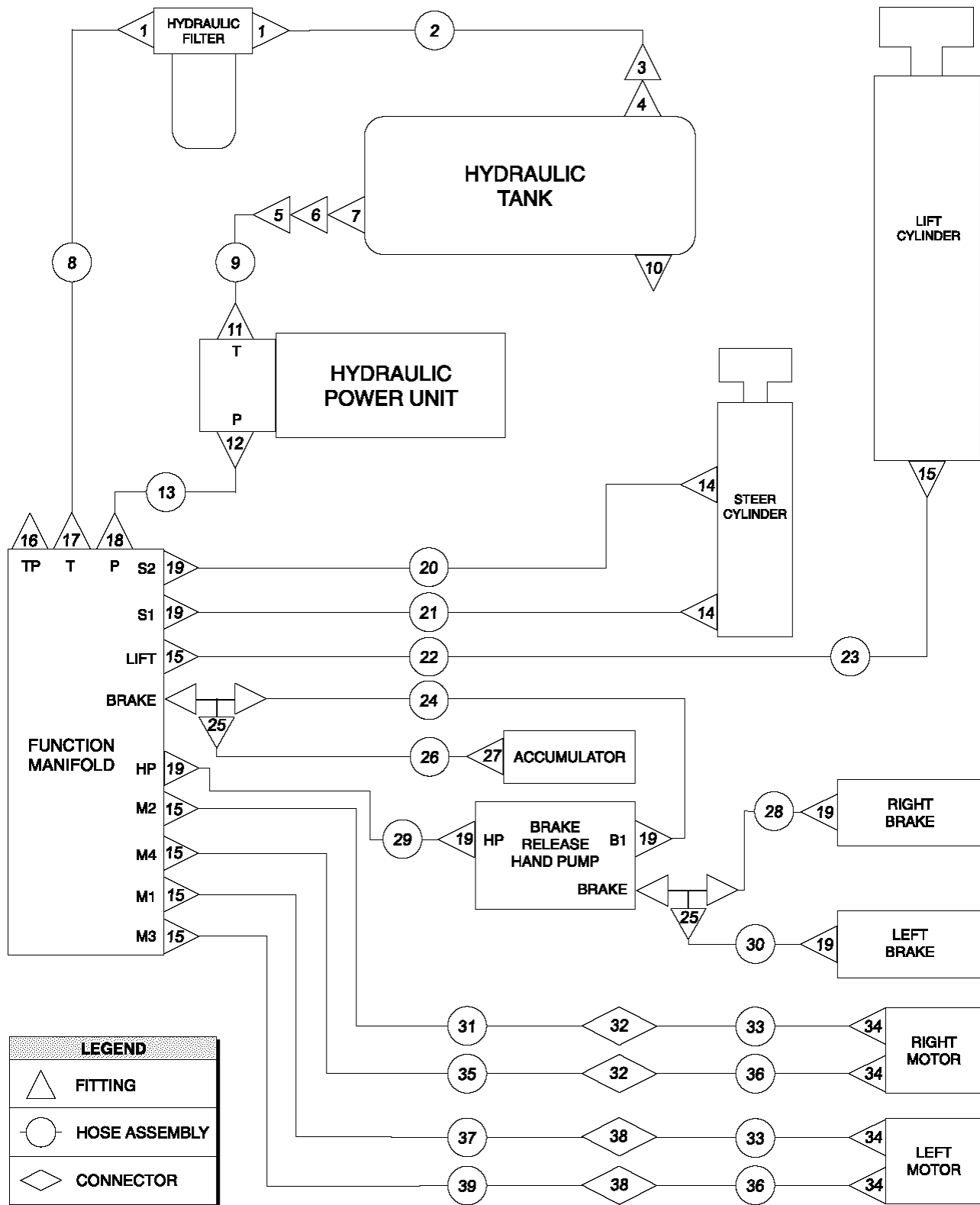
213.1 Brake Release Hand Pump Manifold



213.1 Brake Release Hand Pump Manifold

Item	Part No.	Description	Qty.
	96461GT	SERVICE KIT,BRAKE RELEASE MAN* (includes items 10, decals, instructions & miscellaneous hardware)	
	84539GT	NEEDLE/HOUSING ASSY W/KNOB*** (includes items 7 and 8)	
1	44216GT	VALVE,SHUTTLE	
1-	84394GT	SEAL KIT,PO CHECK VALVE(84391)	
2	84743GT	VALVE,PILOT OPERATED ASSEMBLY*	
2-	84743GT	VALVE,PILOT OPERATED ASSEMBLY*	
2-	84740GT	SEAL KIT,HAND PUMP***	
2-	84746GT	KNOB,PILOT OP VALVE (BLACK)***	
3	39877GT	CONNECTOR,070120-4-4	
4	84748GT	SPRING,HAND PUMP ROD	
5	84739GT	VALVE,HAND PUMP ASSEMBLY***	
5-	84740GT	SEAL KIT,HAND PUMP***	
5-	84742GT	KNOB,HAND PUMP (RED)***	
6	44218GT	VALVE,HAND PUMP**	
6-	44224GT	SEAL KIT, VALVE	
6-	58992GT	KNOB,RED(44218)HP VALVE	
7	65763GT	KNOB,BLACK(44217)CHECK VALVE	
8	44217GT	VALVE,CHECK,PILOT OPERATED***	
8-	44233GT	SEAL KIT-FOR PN. 44217	
9		MANIFOLD,BRAKE RELEASE*** (manifolds 39558, 78620 & 96328 are no longer available, order service kit 96461)	
10	105067GT	MANIFOLD,BRAKE RELEASE (includes items 2-5)	

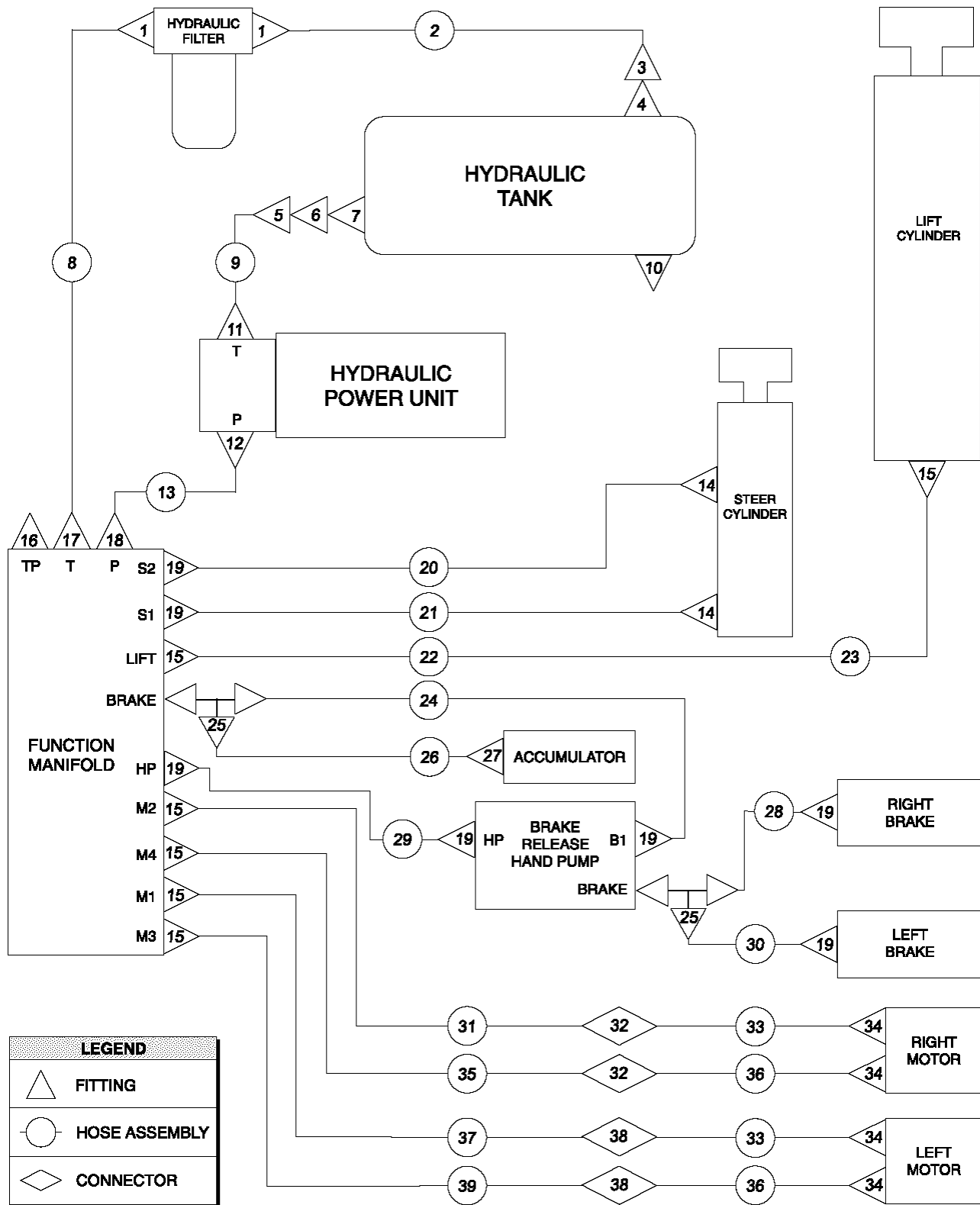
214.1 Hydraulic Hoses and Fittings (to serial number 35799)



214.1 Hydraulic Hoses and Fittings (to serial number 35799)

Item	Part No.	Description	Qty.
The hose lengths below reflect the length of the hose only. Refer to the 'Fittings Cross Reference' to match Genie part numbers to Parker part numbers.			
1	39883GT	CONNECTOR,070102-8-8	2
2	51286GT	HOSE ASSY,FILTER/TANK, GS30 (from SN 2000 to 49599) (hose End - barbed, swivel (Parker No. 30682-8), hose end - barbed, swivel (Parker No. 30682-8) and hose, 3/4 inch push-on, Parker No. 801-12)	1
2A	78696GT	HOSE ASSY,FILTER TANK,30/2632 (from SN 49600 to 59999)	1
3	42280GT	CLAMP,HOSE,.50	1
4	65318GT	FITTING KIT-HYDRAULIC TANK	1
4-	39226GT	NIPPLE,PLASTIC .5 NPT X 6"	1
5	46131GT	CLAMP,HOSE,.63" - 1.0" X .5"	1
6	39885GT	ELBOW,90DEG, .75 HS X.75 MPT	1
7	55616GT	STRAINER ASSEMBLY	1
8	39500GT	HOSE ASSY,MANIFOLD/FILTER [hose end - barbed, swivel (Parker No. 30682-8) hose end - barbed, swivel (Parker No. 30682-8) and hose, 3/4 inch Push-On (Parker No. 801-12)]	1
9	39498GT	HOSE ASSY,HYD.TANK/PUMP [hose end - barbed, swivel (Parker No. 30682-10-12), hose end - barbed, swivel (Parker No. 30682-10-12) and hose, 1/2 inch push-on (Parker No. 801-8)]	1
10		Ref. Plug - Hydraulic Tank Drain, Plastic, Hex Head, 0.5 inch NPT (1.3 cm) (refer to 208.1, 208.2 or 208.3)	1
11	47670GT	ELBOW,90DEG.	1
12	39876GT	ELBOW,070220-6-8	1
13	39497GT	HOSE ASSY,PUMP TO MANIFOLD [hose end - female, swivel (Parker No. 10643-6), hose end - female, swivel (Parker No. 10643-6) and hose, 3/8 inch hydraulic (Parker No. 431-6)]	1
14	39875GT	ELBOW,070220-4-6	2
15	39878GT	CONNECTOR,070120-6-6	6
16	48880GT	CAP,DIAGNOSTIC NIPPLE	1
16-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
17	39874GT	ELBOW,070220-8-6	1
18	39873GT	ELBOW, 070220-6-6	1
19	39877GT	CONNECTOR,070120-4-4	7
20	78860GT	HOSE ASSY,MAN S1/STEER CYL,30* [hose end - female, swivel (Parker No. 10655-4-2), hose end - female, swivel (Parker No. 10655-4-2) and hose, 1/8 inch thermoplastic medium pressure (Parker No. 540N-2)]	1
21	78859GT	HOSE ASSY,MAN S1/STEER CYL,30* [Hose End - Female, Swivel (Parker No. 10655-4-2), Hose End - Female, Swivel (Parker No. 10655-4-2) and Hose, 1/8 inch Thermoplastic Medium Pressure (Parker No. 540N-2)]	1
22	66159GT	HOSE ASSY, MAN TO LIFT, GS30 [hose end - female, swivel (Parker No. 10643-6), hose end - male rigid (Parker No. 10343-6) and hose, 3/8 inch hydraulic (Parker No. 431-6)]	1

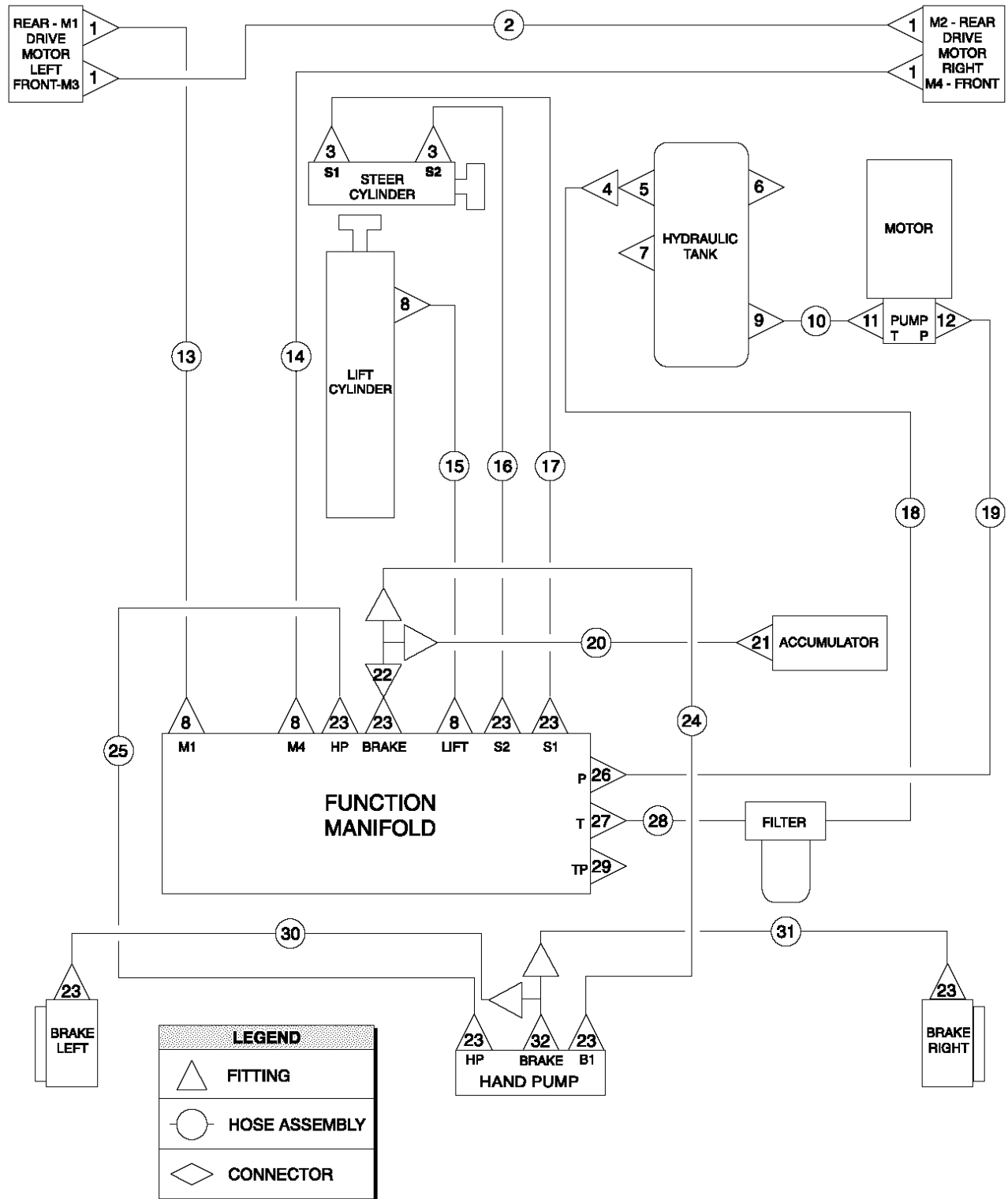
214.1 Hydraulic Hoses and Fittings (to serial number 35799)



214.1 Hydraulic Hoses and Fittings (to serial number 35799)

Item	Part No.	Description	Qty.
23	47012GT	FLARE TUBE ASSY,LIFT CYLINDER	1
24	78861GT	HOSE ASSY, MAN/HANDPUMP,GS30 [hose end - female, swivel (Parker No. 10655-4-2), hose rnd - female, swivel (Parker No. 10655-4-2) and hose, 1/8 inch thermoplastic medium pressure (Parker No. 540N-2)]	1
25	39872GT	TEE,RUN,070428-4	2
26	39494GT	HOSE ASSY,MNFLD TO ACCUMULATOR [hose end - female, swivel (Parker No. 10655-4-2), hose end - female, swivel (Parker No. 10655-4-2) and hose, 1/8 inch thermoplastic medium pressure (Parker No. 540N-2)]	1
27	39879GT	CONNECTOR,070120-4-8	1
28	47030GT	HOSE ASSY,HANDPUMP/LH BRAKE [hose end - female, swivel (Parker No. 10657-4-2), hose end - female, swivel (Parker No. 10657-4-2) and hose, 1/8 inch thermoplastic medium pressure (Parker No. 540-N)]	1
29	39506GT	HOSE ASSY,MANIFOLD/HANDPUMP [hose end - female, swivel (Parker No. 10657-4-2), hose end - female, swivel (Parker No. 10657-4-2) and hose, 1/8 inch thermoplastic medium pressure (Parker No. 540-N)]	1
30	78862GT	HOSE ASSY, HANDPUMP/R BRAKE 30	1
31	51283GT	HOSE ASSY,MANIFOLD/BULKHEAD [hose end - female, swivel (Parker No. 10643-6), hose end - female, swivel (Parker No. 10643-6) and hose, 3/8 inch hydraulic (Parker No. 431-6)]	1
32	39871GT	ELBOW,070701-6	2
33	51277GT	HOSE ASSY,BULKHEAD/DRIVE MOTOR [Hose End - Female, Swivel (Parker No. 10643-6), Hose End - Female, Swivel 45 degree (Parker No. 13743-6) and Hose, 3/8 inch Hydraulic (Parker No. 431-6)]	2
34	39880GT	CONNECTOR,070120-6-10	4
35	51285GT	HOSE ASSY,MANIFOLD/BULKHEAD [Hose End - Female, Swivel (Parker No. 10643-6), Hose End - Female, Swivel (Parker No. 10643-6) and Hose, 3/8 inch Hydraulic (Parker No. 431-6)]	1
36	51278GT	HOSE ASSY,BULKHEAD/DRIVE MOTOR [Hose End - Female, Swivel (Parker No. 10643-6), Hose End - Female, Swivel 45 degree (Parker No. 13743-6) and Hose, 3/8 inch Hydraulic (Parker No. 431-6)]	2
37	51282GT	HOSE ASSY,MANIFOLD/BULKHEAD [hose End - female, swivel (Parker No. 10643-6), hose end - female, swivel 90 degree (Parker No. 13943-6) and hose, 3/8 inch hydraulic (Parker No. 431-6)]	2
38	39870GT	BULKHEAD,UNION,070601-6	2
39	51284GT	HOSE ASSY,MANIFOLD/BULKHEAD [Hose End - Female, Swivel (Parker No. 10643-6), Hose End - Female, Swivel 90 degree (Parker No. 13943-6) and Hose, 3/8 inch Hydraulic (Parker No. 431-6)]	1

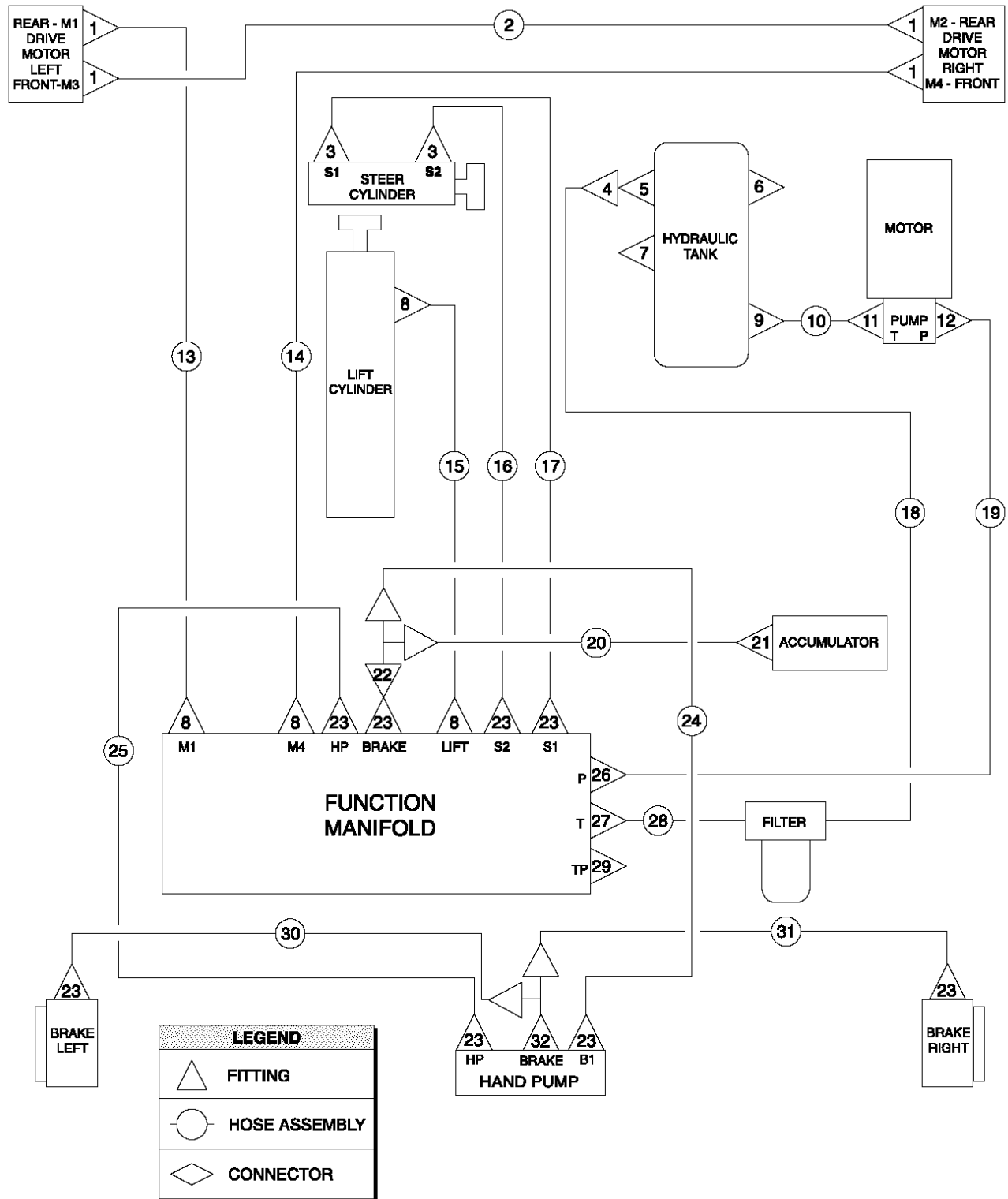
214.2 Hydraulic Hoses and Fittings (from serial number 35800)



214.2 Hydraulic Hoses and Fittings (from serial number 35800)

Item	Part No.	Description	Qty.
The hose lengths below reflect the length of the hose only. Refer to the 'Fittings Cross Reference' to match Genie part numbers to Parker part numbers.			
1	39880GT	CONNECTOR,070120-6-10 (to SN 45340)	4
1A	39878GT	CONNECTOR,070120-6-6 (from SN 45341)	4
2	66827GT	HOSE ASSY,DRIVE MOTOR, GS30 Hose End - Female, Swivel 45 degree (Parker No. 13743-6), Hose End - Female, Swivel 45 degree (Parker No. 13743-6) and Hose, 3/8 inch Hydraulic (Parker No. 431-6)	1
3	39875GT	ELBOW,070220-4-6	2
4	39225GT	ELBOW,90°, .5 MPT X.5BRB PLST	2
5	39223GT	BULKHEAD FITTING,PLASTIC X 8**	1
6	66204GT	FILTER CAP (PLUG 1-1/2" NPT HEX	1
7		HYDRAULIC TANK refer to 208.4	
8	39878GT	CONNECTOR,070120-6-6	4
9	55616GT	STRAINER ASSEMBLY	1
10	65974GT	HOSE ASSEMBLY,TANK/PUMP,GS30 Hose End - Barbed, Swivel (Parker No. 30682-10-12) and Hose, 3/4 inch Push-On (Parker No. 801-12)	1
10-	19273GT	CLAMP,HOSE,.75 **	1
11	55968GT	ELBOW,070220-10	1
12	39876GT	ELBOW,070220-6-8	1
13	66826GT	HOSE ASSY, MAN.L/R MOTOR, GS30 Hose End - Female, Swivel (Parker No. 10643-6), Hose End - Female, Swivel 45 degree (Parker No. 13743-6) and Hose, 3/8 inch Hydraulic (Parker No. 431-6); may also use Genie PN 66826	1
14	66826GT	HOSE ASSY, MAN.L/R MOTOR, GS30 Hose End - Female, Swivel (Parker No. 10643-6), Hose End - Female, Swivel 45 degree (Parker No. 13743-6) and Hose, 3/8 inch Hydraulic (Parker No. 431-6); may also use Genie PN 66826	1
15	66159GT	HOSE ASSY, MAN TO LIFT, GS30 Hose End - Female, Swivel (Parker No. 10643-6), Hose End - Female, Swivel (Parker No. 10643-6) and Hose, 3/8 inch Hydraulic (Parker No. 431-6)	1
16	78860GT	HOSE ASSY,MAN S1/STEER CYL,30* Hose End - Female, Swivel (Parker No. 10658-4-2), Hose End - Female, Swivel (Parker No. 10658-4-2) and Hose, 1/8 inch Thermoplastic Medium Pressure (Parker No. 540G-2)	1
17	78859GT	HOSE ASSY,MAN S1/STEER CYL,30* Hose End - Female, Swivel (Parker No. 10658-4-2), Hose End - Female, Swivel (Parker No. 1JC43-8) and Hose, 1/8 inch Thermoplastic Medium Pressure (Parker No. 540G-2)	1
18	51286GT	HOSE ASSY,FILTER/TANK, GS30 (to SN 49599) (Hose End - Female, Swivel (Parker No. 10658-4-2) and Hose, 1/2 inch Push-On (Parker No. 801-8)	1
18A	78696GT	HOSE ASSY,FILTER TANK,30/2632 (from SN 49600) (Hose End - Barbed, Swivel (Parker No. 30582-8-8) and Hose, 1/2 inch Push-On (Parker No. 801-8)	1
19	39497GT	HOSE ASSY,PUMP TO MANIFOLD Hose End - Female, Swivel (Parker No. 10643-6), Hose End - Female, Swivel (Parker No. 10643-6) and Hose, 3/8 inch Hydraulic (Parker No. 431-6)	1
20	78864GT	HOSE ASSY, MAN/ACCUM, MINI Hose End - Female, Swivel (Parker No. 10658-4-2), Hose End - Female, Swivel (Parker No. 10658-4-2) and Hose, 1/8 inch Thermoplastic Medium Pressure (Parker No. 540G-2)	1

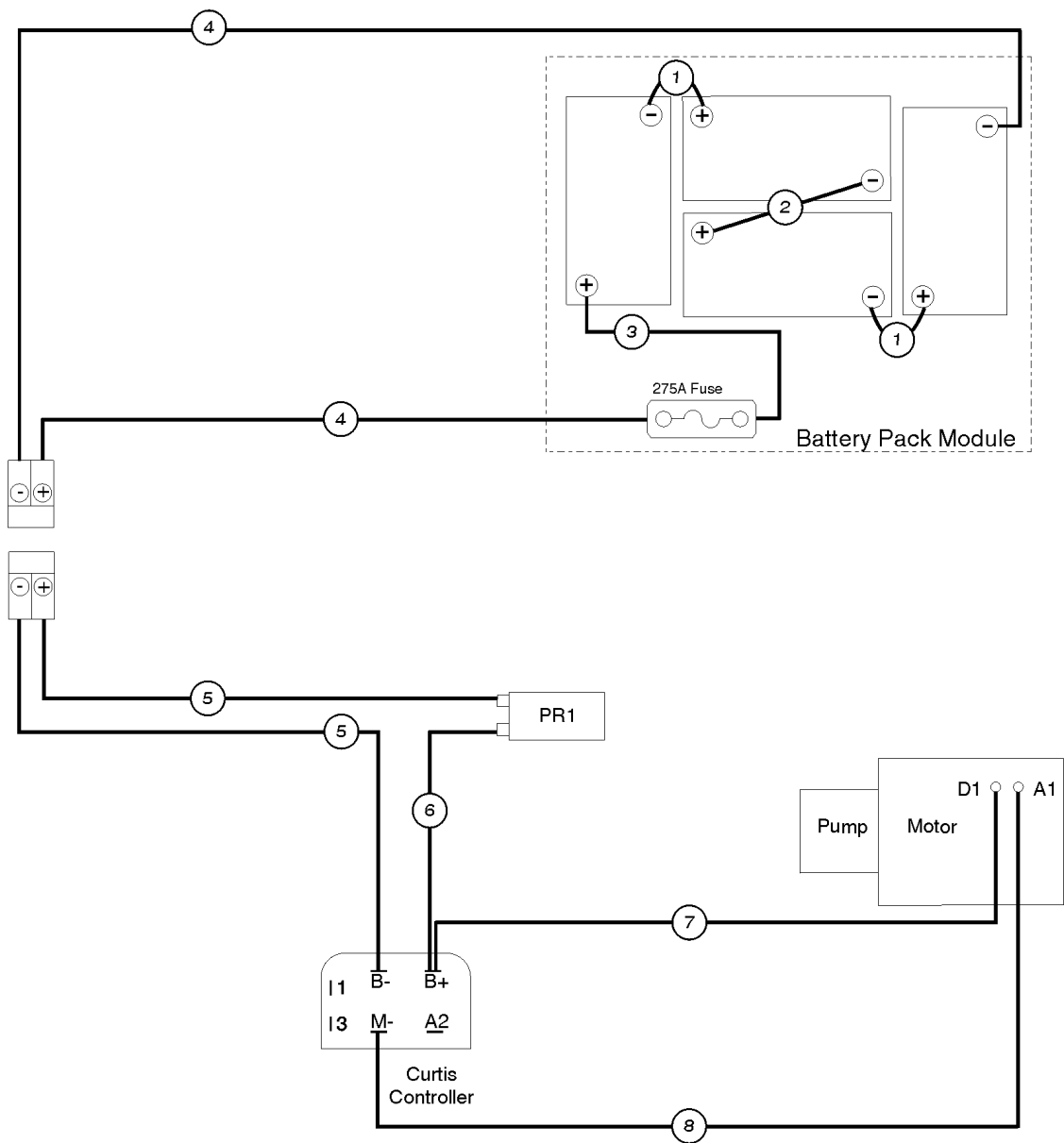
214.2 Hydraulic Hoses and Fittings (from serial number 35800)



214.2 Hydraulic Hoses and Fittings (from serial number 35800)

Item	Part No.	Description	Qty.
21	39879GT	CONNECTOR,070120-4-8	1
22	13757GT	TEE,RUN,070432-4	1
		(to SN 53809)	
22A	39872GT	TEE,RUN,070428-4	1
		(from SN 53810)	
23	39877GT	CONNECTOR,070120-4-4	8
24	78861GT	HOSE ASSY, MAN/HANDPUMP,GS30 Hose End - Female, Swivel (Parker No. 10658-4-2), Hose End - Female, Swivel (Parker No. 10658-4-2) and Hose, 1/8 inch Thermoplastic Medium Pressure (Parker No. 540G-2)	1
25	39506GT	HOSE ASSY,MANIFOLD/HANDPUMP [hose end - female, swivel (Parker No. 10657-4-2), hose end - female, swivel (Parker No. 10657-4-2) and hose, 1/8 inch thermoplastic medium pressure (Parker No. 540-N)]	1
26	39873GT	ELBOW, 070220-6-6	1
27	39874GT	ELBOW,070220-8-6	1
28	66945GT	HOSE ASSY,MNFLD. FILTER Hose End - Barbed, Swivel (Parker No. 30682-10-12), Hose End - Barbed, Swivel (Parker No. 30582-8-8) and Hose, 3/4 inch Push-On (Parker No. 801-12)	1
28A	78683GT	HOSE,ASSY,MNFLD,FILTER (from SN 49600) (Hose End - Barbed, Swivel (Parker No. 30682-10-12), Hose End - Barbed, Swivel (Parker No. 30582-8-8) and Hose, 3/4 inch Push-On (Parker No. 801-12)	1
29	48977GT	CONN,520120-12-16	1
29-	48880GT	CAP,DIAGNOSTIC NIPPLE	1
30	47030GT	HOSE ASSY,HANDPUMP/LH BRAKE Hose End - Female, Swivel (Parker No. 10658-4-2), Hose End - Female, Swivel (Parker No. 10658-4-2) and Hose, 1/8 inch Thermoplastic Medium Pressure (Parker No. 540G-2)	1
31	78862GT	HOSE ASSY, HANDPUMP/R BRAKE 30 Hose End - Female, Swivel (Parker No. 10658-4-2), Hose End - Female, Swivel (Parker No. 10658-4-2) and Hose, 1/8 inch Thermoplastic Medium Pressure (Parker No. 540G-2)	1
32	39872GT	TEE,RUN,070428-4	2

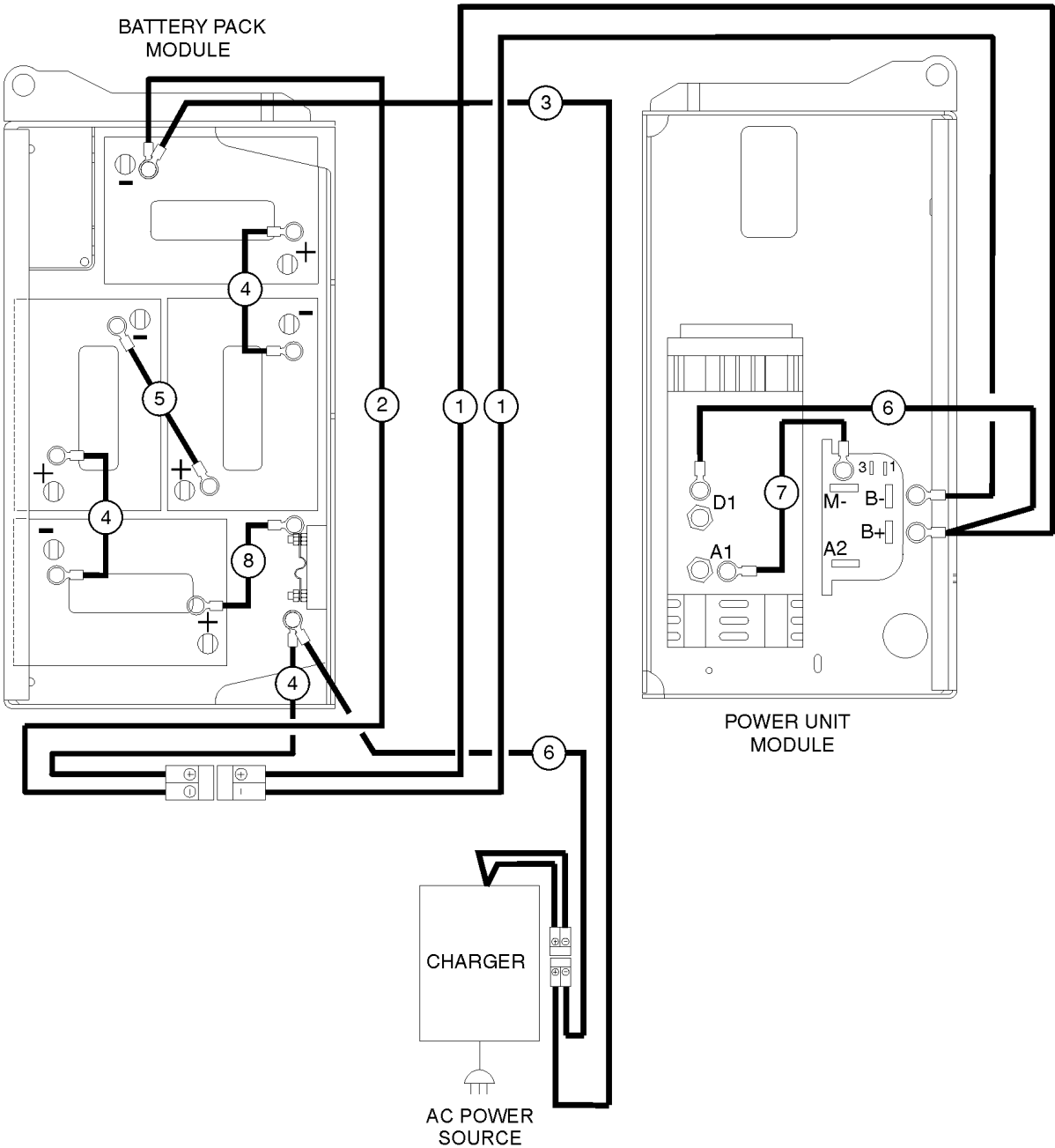
215.1 Power Cables - Drive Chassis (to serial number 27543, without contactor)



215.1 Power Cables - Drive Chassis (to serial number 27543, without contactor)

Item	Part No.	Description	Qty.
	105902GT	HARNESS,GS15/1930 from SN 1 to 12084; chassis wire harness (PLEASE CONTACT GENIE PARTS SALES FOR UNITS BEFORE SN 9999)	...
	105903GT	HARNESS,GS15/1930 from SN 12085 to 17407; chassis wire harness	
	105904GT	HARNESS,GS30/2632/AUS32 from SN 17408 to 27543; chassis wire harness	
	105977GT	E-DOWN HARNESS from SN 1 to 27543; e-down wire harness, GS-1530	
	105911GT	E-DOWN HARNESS from SN 1 to 27543; e-down wire harness, GS-1930	
	51590GT	RESISTOR, 75 OHM,DALE RS-10-38	
		Ref. Fuse, 275A (refer to Figures 204.1, 204.2, 204.3 and 204.4)	
1	44244GT	BATTERY CABLE ASSY,3.5" RED (to SN 1999) (2 gauge) (3.5 inches)	2
1A	49907GT	BATTERY CABLE ASSY, 2.5"SCISS (from SN 2000) (2 gauge) (3 inches)	2
2	44243GT	BATTERY CABLE ASSY.8"(SCISR) (to SN 1999) (2 gauge)	1
2A	49908GT	BATTERY CABLE ASSY.5.75"SCISS (from SN 2000) (2 gauge)	1
3	40552GT	CABLE ASSEMBLY,13"(SCISSORS) (to SN 1999) (2 gauge)	1
3A	49905GT	CABLE ASSEMBLY,12"(SCISSORS) (from SN 2000) (2 gauge)	1
4	46263GT	BATT. CABLE ASSY-CHASSIS, GS (to SN 1999) (2 gauge)	1
4A	49901GT	BATT. CABLE ASSY-CHASSIS, GS (from SN 2000) (2 gauge)	1
4-	19436GT	CONNECTOR,ANDERSON SB 175***	1
5	46264GT	BATTERY CABLE ASSY.BAT.MOD.GS (to SN 1999) (2 gauge)	1
5A	49902GT	BATTERY CABLE ASSY.BAT.MOD.GS (from SN 2000) (2 gauge)	1
5-	19436GT	CONNECTOR,ANDERSON SB 175***	1
6	49903GT	CABLE ASSEMBLY,11"(SCISSORS) (red, 2 gauge)	1
7	49904GT	CABLE ASSEMBLY,13" RED (2 gauge)	1 in ch es
8	49906GT	CABLE ASSEMBLY,13" BLACK (2 gauge)	1 in ch es

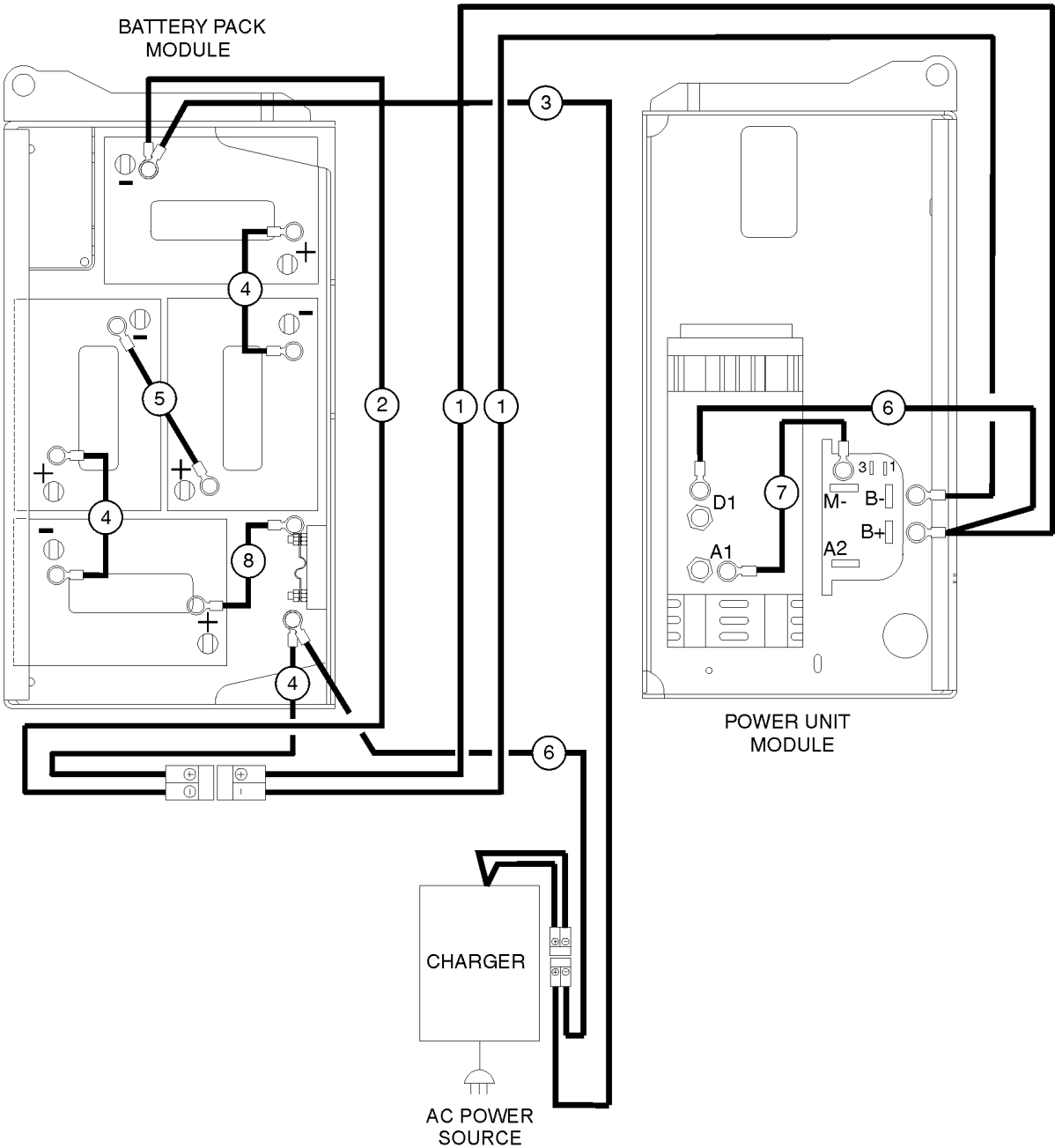
215.2 Power Cables - Drive Chassis (from serial number 27544, without contactor)



215.2 Power Cables - Drive Chassis (from serial number 27544, without contactor)

Item	Part No.	Description	Qty.
	105904GT	HARNESS,GS30/2632/AUS32 from SN 27544 to 52508; chassis wire harness	
	105905GT	HARNESS,GS30/2632/AUS32 from SN 52509 to 53999; chassis wire harness	
	105906GT	HARNESS,GS30/2632/AUS32 from SN 54000 to 59999; chassis wire harness	
	105977GT	E-DOWN HARNESS from SN 27544 to 59999; e-down wire harness, GS-1530	
	105911GT	E-DOWN HARNESS from SN 27544 to 59999; e-down wire harness, GS-1930	
		Ref. Fuse, 275A (refer to Figures 204.1, 204.2, 204.3 and 204.4)	
1	46263GT	BATT. CABLE ASSY-CHASSIS, GS	1
1-	32148GT	WELDING CABLE #2 BLACK	102 in ch es
1-	32149GT	WELDING CABLE #2 RED	113 in ch es
1-	19436GT	CONNECTOR,ANDERSON SB 175***	1
2	49902GT	BATTERY CABLE ASSY.BAT.MOD.GS	1
2-	32148GT	WELDING CABLE #2 BLACK	58 in ch es
2-	32149GT	WELDING CABLE #2 RED	26 in ch es
2-	19436GT	CONNECTOR,ANDERSON SB 175***	1
3	47476GT	HARNESS,CHARGING-GS30	1
3-	94341GT	WIRE,10 GA,BLACK,GXL ***	84 in ch es
3-	94340GT	WIRE,10 GA,RED,GXL ***	108 in ch es
3-	66411GT	CONNECTOR, SB 50 AMP HOUSING	1
4	49907GT	BATTERY CABLE ASSY, 2.5"SCISS from SN 27544 to 52508 (3 inches)	3 in ch es
4A	78716GT	BATTERY CABLE ASSY,RED from SN 52509 to 59999 (5.5 inches)	6 in ch es
5	49908GT	BATTERY CABLE ASSY.5.75"SCISS	6 in ch es
6	49906GT	CABLE ASSEMBLY,13" BLACK	2

215.2 Power Cables - Drive Chassis (from serial number 27544, without contactor)

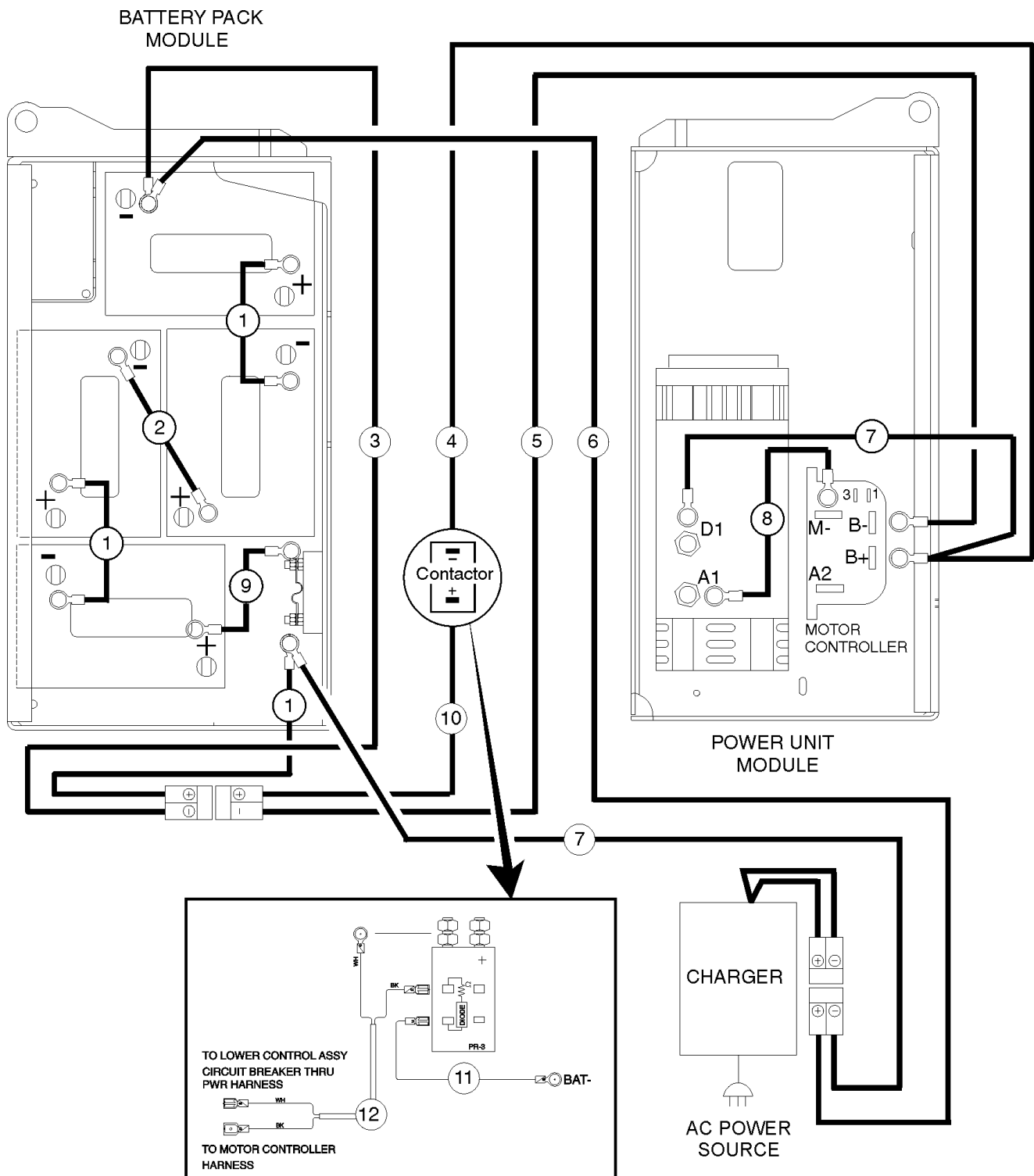


215.2 Power Cables - Drive Chassis (from serial number 27544, without contactor)

Item	Part No.	Description	Qty.
7	49904GT	CABLE ASSEMBLY,13" RED	1
8	40552GT	CABLE ASSEMBLY,13"(SCISSORS)	1 in ch es



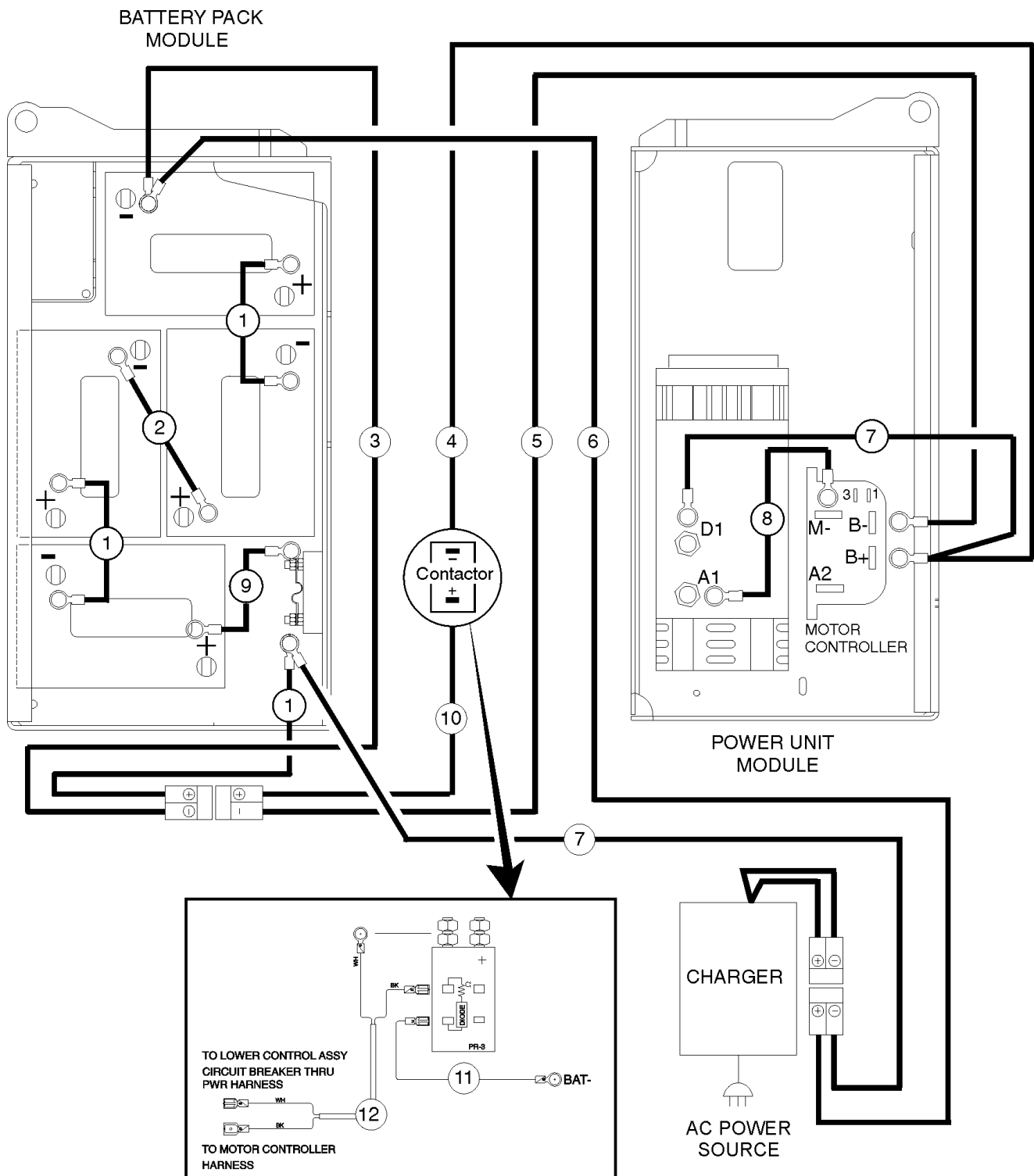
215.3 Power Cables - Drive Chassis (from serial number 27544, with contactor)



215.3 Power Cables - Drive Chassis (from serial number 27544, with contactor)

Item	Part No.	Description	Qty.
	105904GT	HARNESS,GS30/2632/AUS32 from SN 27544 to 52508; chassis wire harness	
	105905GT	HARNESS,GS30/2632/AUS32 from SN 52509 to 53999; chassis wire harness	
	105906GT	HARNESS,GS30/2632/AUS32 from SN 54000 to 59999; chassis wire harness	
	105977GT	E-DOWN HARNESS from SN 27544 to 59999; e-down wire harness, GS-1530	
	105911GT	E-DOWN HARNESS from SN 27544 to 59999; e-down wire harness, GS-1930	
		Ref. Fuse, 275A (refer to Figures 204.1, 204.2, 204.3 and 204.4)	
1A	49907GT	BATTERY CABLE ASSY, 2.5"SCISS from SN 27544 to 52508; 3 inches	3
1B	78716GT	BATTERY CABLE ASSY,RED from SN 52509 to 59999; 5.5 inches	6 in ch es
2	49908GT	BATTERY CABLE ASSY.5.75"SCISS	6
3	49902GT	BATTERY CABLE ASSY.BAT.MOD.GS	1
3-	32148GT	WELDING CABLE #2 BLACK	58 in ch es
3-	32149GT	WELDING CABLE #2 RED	26 in ch es
3-	19436GT	CONNECTOR,ANDERSON SB 175***	1
4	233368GT	CABLE ASSY, BATT,69" RED	1
5	46263GT	BATT. CABLE ASSY-CHASSIS, GS	1
5-	32148GT	WELDING CABLE #2 BLACK	102 in ch es
5-	32149GT	WELDING CABLE #2 RED	113 in ch es
5-	19436GT	CONNECTOR,ANDERSON SB 175***	1
6	47476GT	HARNESS,CHARGING-GS30	1
6-	94341GT	WIRE,10 GA,BLACK,GXL ***	84 in ch es
6-	94340GT	WIRE,10 GA,RED,GXL ***	108 in ch es
6-	66411GT	CONNECTOR, SB 50 AMP HOUSING	1
7	49906GT	CABLE ASSEMBLY,13" BLACK	2 in ch es

215.3 Power Cables - Drive Chassis (from serial number 27544, with contactor)

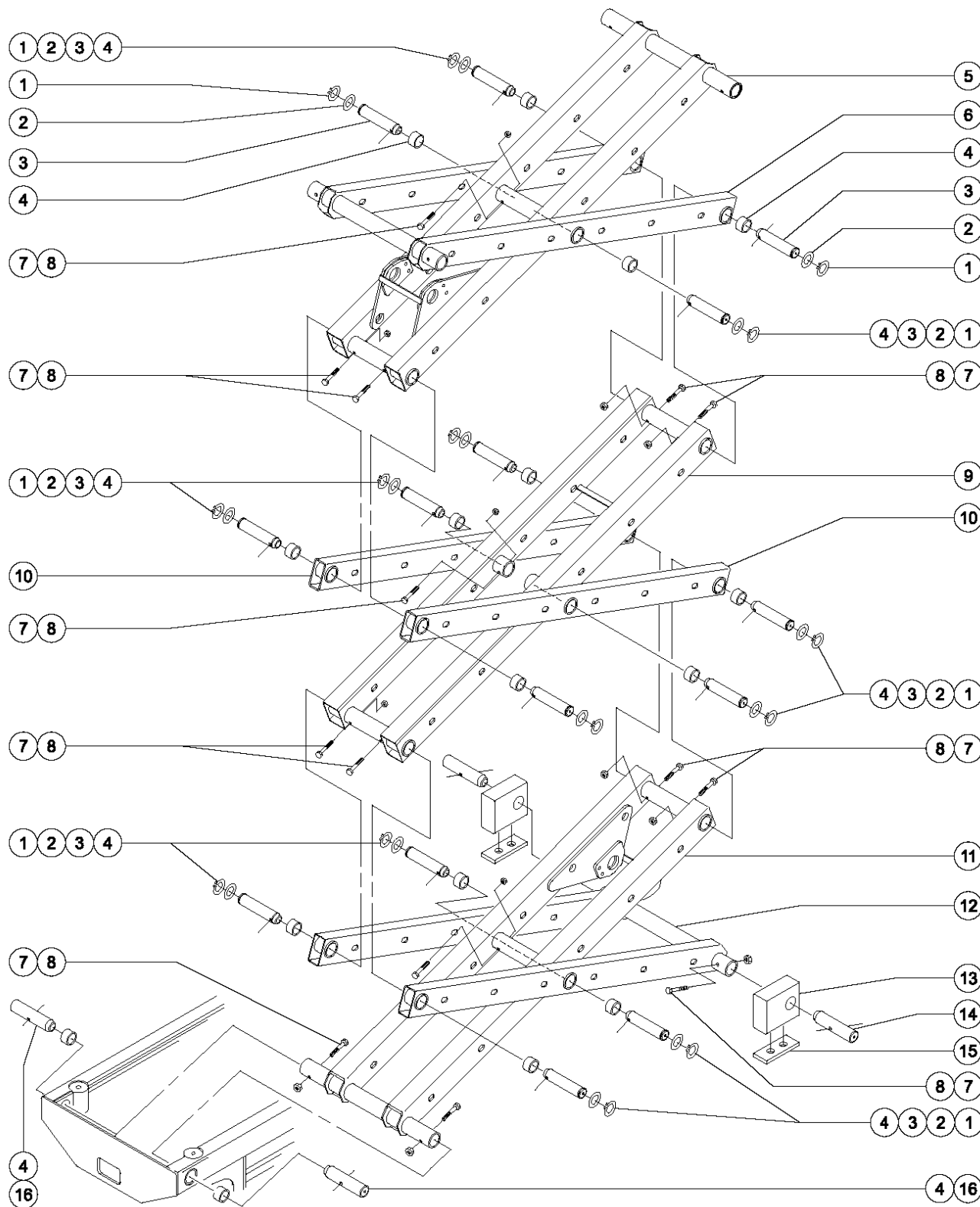


215.3 Power Cables - Drive Chassis (from serial number 27544, with contactor)

Item	Part No.	Description	Qty.
8	49904GT	CABLE ASSEMBLY,13" RED	1 in ch es
9	40552GT	CABLE ASSEMBLY,13"(SCISSORS)	1
10	233371GT	CABLE ASSY, BATT, 23"RD	1
11	232582GT	GROUND WIRE ASSY,GS	1
12	233431GT	HRNS,CONTACTOR SIGNL,GS30/32	1



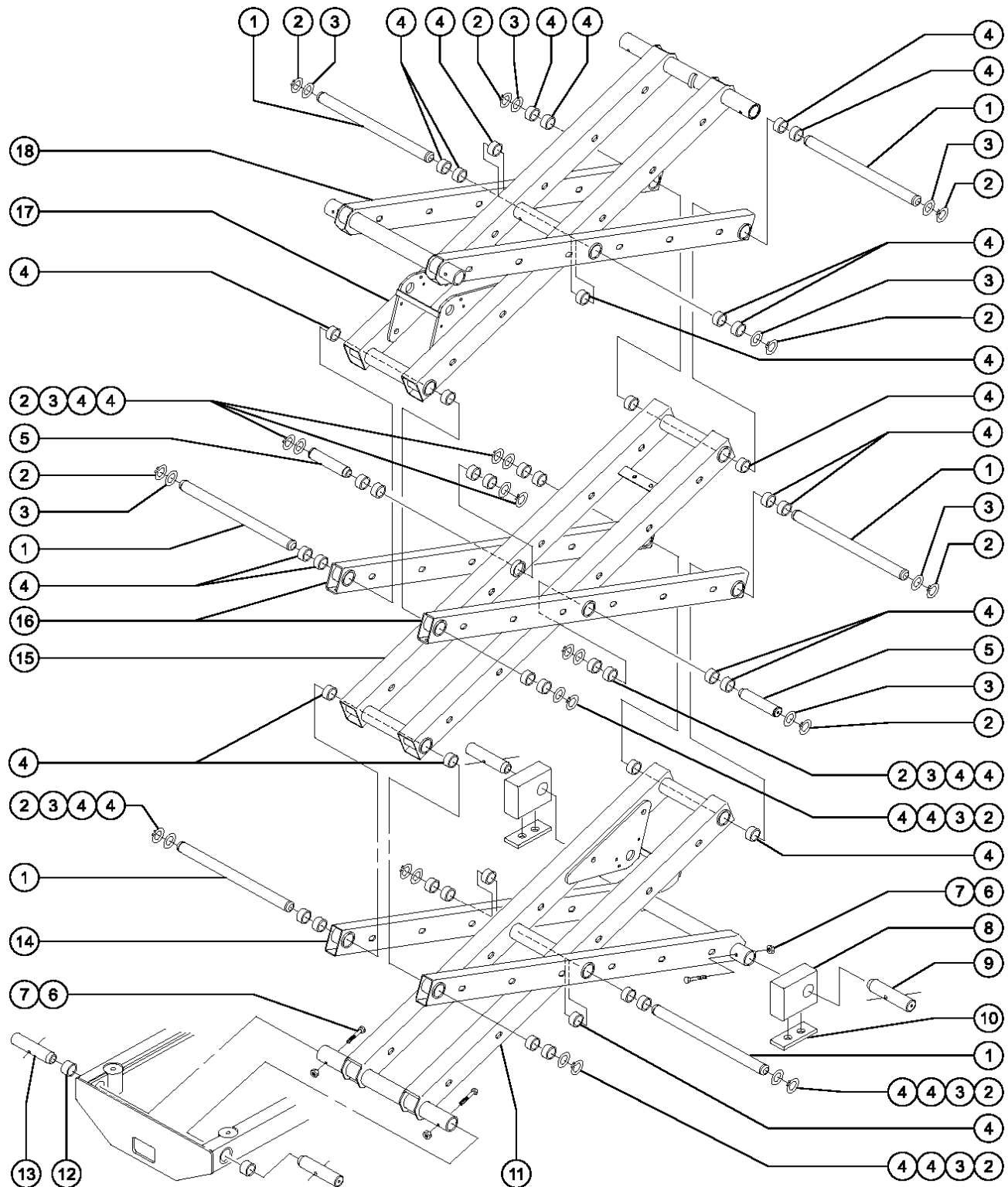
301.1 Scissor Assembly, GS-1530, View 1 (to serial number 631)



301.1 Scissor Assembly, GS-1530, View 1 (to serial number 631)

Item	Part No.	Description	Qty.
A	71349GT	BUMPER, LINK	
1	18384GT	SNAP RING,EXTERNAL,1.75 DIA. (4.4 cm)	14
2	39127GT	WASHER, SCIS ARM,1.79X2.25X.120 (4.5 cm)	14
3	39094GT	PIN,1.75 X 8.187"LG.,SCR	14
4	39274GT	BEARING,1.75IDX2.00ODX2.50L	16
5	44213GT	ARM-#3 INNER (GS-1530)	1
		(bearings are listed in figure 302.1)	
6	44161GT	ARM-#3 OUTER (GS-1530)	1
		(includes item 4)	
7	14033GT	SCREW, HHC, 3/8-16 X 2.75	18
8	4828GT	NUT, NYLOCK, 3/8-16	18
9	44231GT	ARM-#2 INNER (GS15/GS19)**	1
10	44162GT	ARM-#2 OUTR.GS1530 & #3 OUTR	2
		(includes item 4)	
11	44214GT	ARM-#1 INNER W/DECALS,GS15/19	1
		(bearings are listed in figure 302.1)	
12	44746GT	ARM-#1 OUTER (GS1530,GS1930)	1
		(includes item 4)	
13	47158GT	SLIDER BLOCK	2
14	39095GT	PIN,1.75DIA X7.35LG,CHAMFER	2
		(18.66 x 4.445 cm)	
15	47599GT	WEAR PAD, SLIDER	2
16	47102GT	PIN,1.75DIA.X7.94LG, 1HOLE	2
		(20.17 x 4.445 cm)	

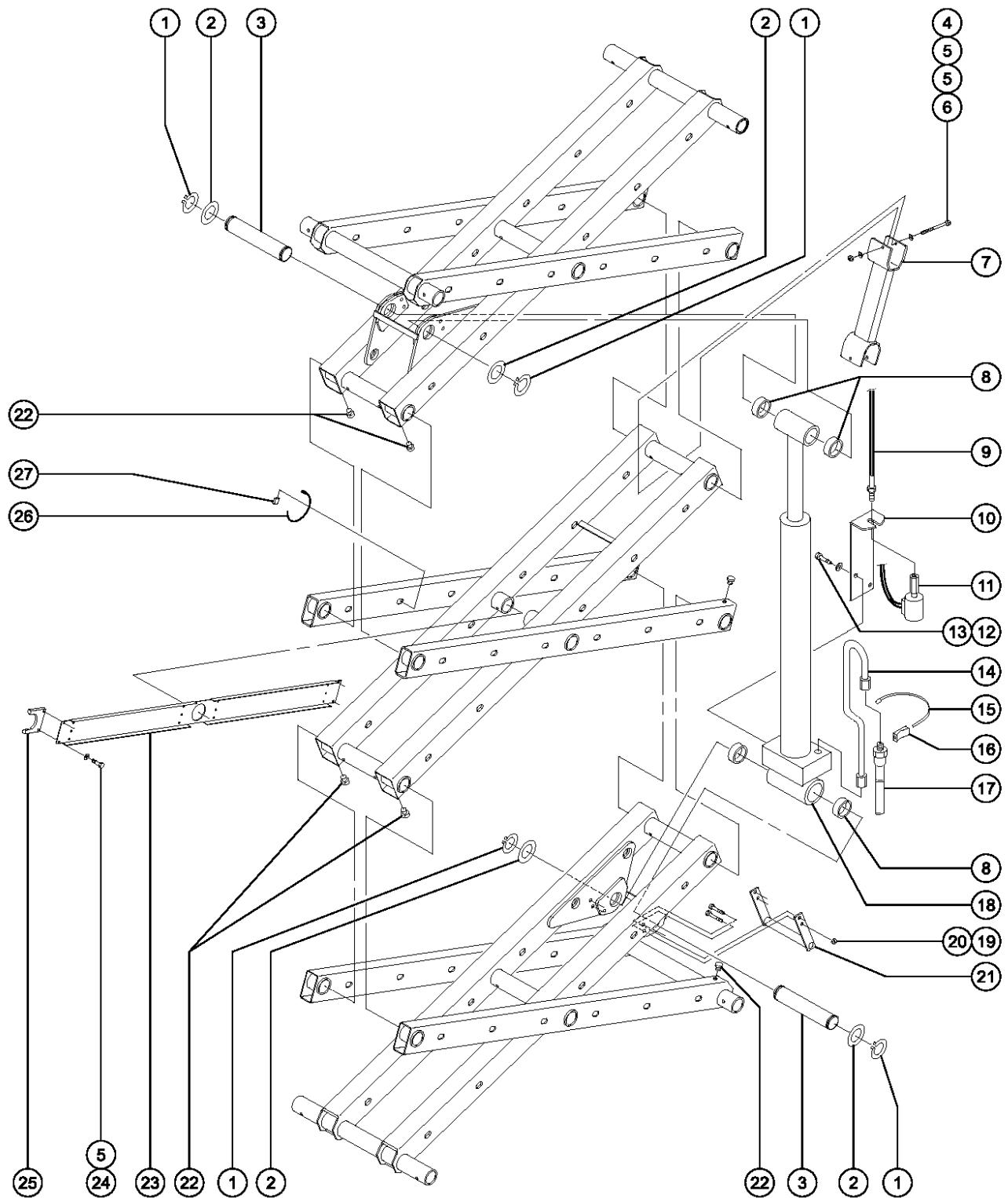
301.2 Scissor Assembly, GS-1530, View 1 (from serial number 632 to 2130)



301.2 Scissor Assembly, GS-1530, View 1 (from serial number 632 to 2130)

Item	Part No.	Description	Qty.
A	71349GT	BUMPER, LINK	
1	47595GT	PIN,1.50DIA X 21.03LG,2RING (53.41 x 3.81 cm)	6
2	18383GT	SNAP RING,EXTERNAL,1.5 DIA (3.81 cm)	16
3	1260941GT	WASHER,SHIM,1.54X2.00X.125,ZAG	16
4	66055GT	BEARING,1.50IDX1.77ODX1.25L (3.8 x 4.5 x 3.2 cm)	44
5	47655GT	PIN,1.50DIA X 7.42LG,2RING (3.8 x 18.846 cm)	2
6	4828GT	NUT, NYLOCK, 3/8-16	4
7	14033GT	SCREW, HHC, 3/8-16 X 2.75	4
8	47158GT	SLIDER BLOCK	2
9	39095GT	PIN,1.75DIA X 7.35LG,CHAMFER (4.45 x 19.1 cm)	2
10	47599GT	WEAR PAD, SLIDER (10.16 x 5.08 x 0.64 cm)	2
11		ARM-#1 INNER W/DECALS,GS15/19 (includes 4 each, item 4)no longer available.(contact customer service)	1
11A	48678GT	ARM-#1 INNER W/DECALS,GS15/19 (from SN 2131) (includes 4 each, item 4)	1
12	51763GT	BEARING,FL,1.75IDX2.25ODX.85L	2
13	47102GT	PIN,1.75DIA X 7.94LG, 1HOLE (4.45 x 20.17 cm)	2
14		ARM-#1 OUTER (GS1530,GS1930) (includes 8 each, item 4)no longer available.(contact customer service)	1
15	48384GT	ARM-#2 INNER (GS1530/GS1930) (includes 8 each, item 4)	1
16	48383GT	ARM-#2 OUTR.GS1530 & #3 OUTR (includes 6 each, item 4)	2
17	48386GT	ARM-#3 INNER (GS-1530) (to SN 2130) (includes 4 each, item 4)	1
17A	48680GT	ARM-#3 INNER (GS-1530) (from SN 2131) (includes 4 each, item 4)	1
18	48385GT	ARM-#3 OUTER (GS-1530) (includes 8 each, item 4)	1

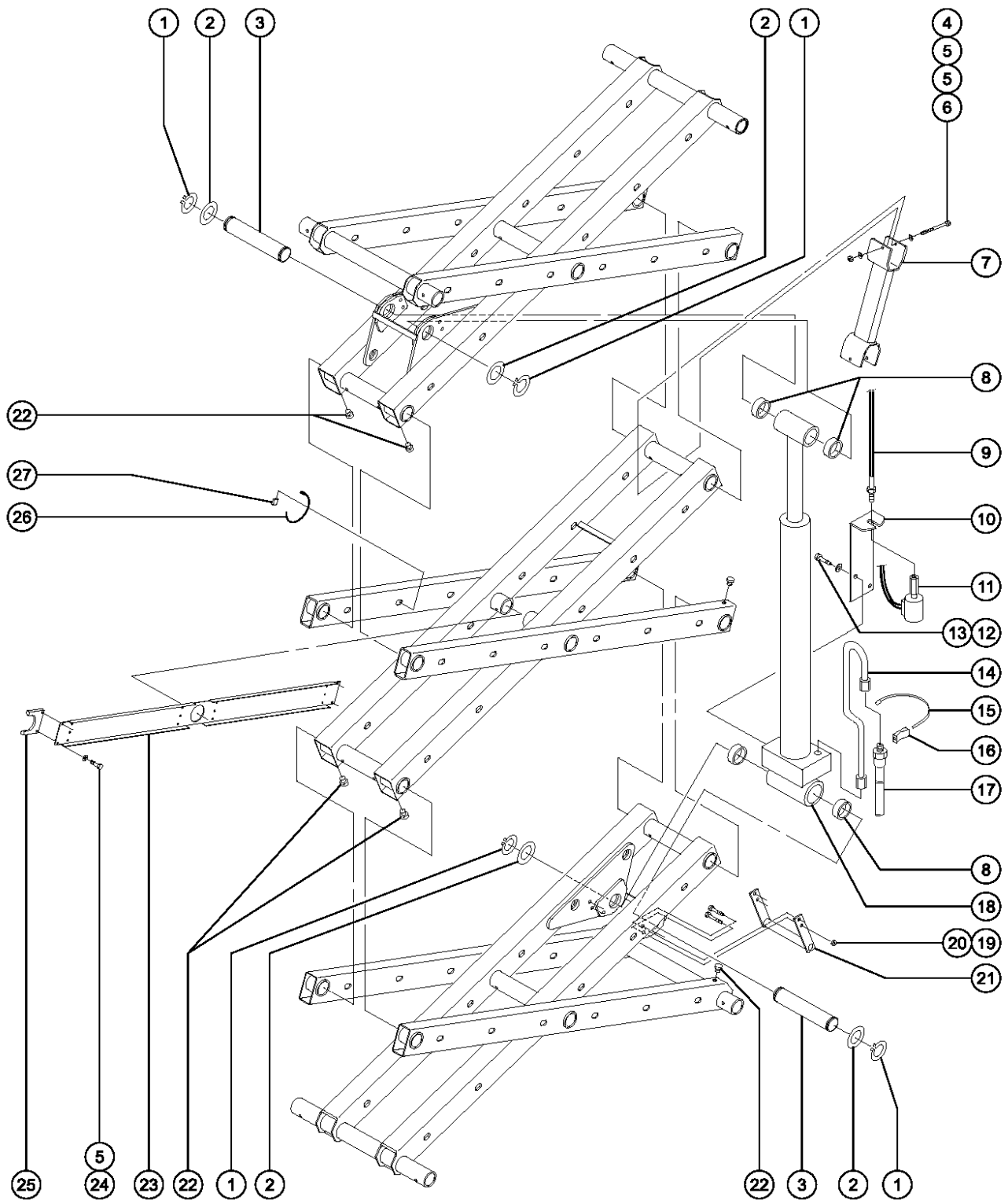
302.1 Scissor Assembly, GS-1530, View 2 (to serial number 631)



302.1 Scissor Assembly, GS-1530, View 2 (to serial number 631)

Item	Part No.	Description	Qty.
1	18384GT	SNAP RING,EXTERNAL,1.75 DIA. (4.44 cm)	4
2	39127GT	WASHER, SCIS ARM,1.79X2.25X.120	4
3	39096GT	PIN,1.75 X 8.686"LG.,SCR (22.06 x 4.445 cm)	2
4	6115GT	SCREW,HHC,1/4-20 X 3.5	1
5	6638GT	WASHER, FLAT, USS, 1/4"Y	6
6	6091GT	NUT, NYLOCK, 1/4-20	1
7		Ref. Safety Arm (refer to Figure 302.3)	1
8	39275GT	BEARING,1.75ID X 2"OD X .75"LG (4.45 x 5.1 x 1.9 cm)	4
9		Ref. Cable - Manual Lowering (refer to Figure 202.1)	4
10	41557-SGT	CABLE BRACKET,PAINTED	1
11	66465GT	VALVE,NC SOLENOID, MANUAL	1
11-	84422GT	COIL-SOLENOID VALVE,20V DC***	1
12	7339GT	SCREW,HHC,1/4-20 X .5	2
13	6356GT	WASHER, LOCK, .25	2
14	47012GT	FLARE TUBE ASSY,LIFT CYLINDER	1
15	66098GT	CABLE TIE,9" X .5	1
16	47046GT	CABLE TIE MOUNT	1
17		Ref. Hydraulic Hoses and Fittings (refer to Figure 213.1)	1
18	48685GT	CYLINDER ASSY,LIFT,GS1530 (complete)	1
18-	44249GT	SEAL KIT 46221 & 46222(SCISR)	1
18-	55559GT	ORIFICE LONG M,0.046** (1.17 mm)	1
18-	39878GT	CONNECTOR,070120-6-6	1
18-	39274GT	BEARING,1.75IDX2.00ODX2.50L (4.5 x 5.1 x 6.4 cm)	
19	4828GT	NUT, NYLOCK, 3/8-16	4
20	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
21	39270PGT	POTHOLE ACTUATOR PUSHER WLDMT	1
22	47502GT	BUMPER,1.25 INCH O.D.,SCISSORS (3.2 cm)	12
23	47711GT	BRACKET,MAIN CABLE BRIDGE***	1

302.1 Scissor Assembly, GS-1530, View 2 (to serial number 631)

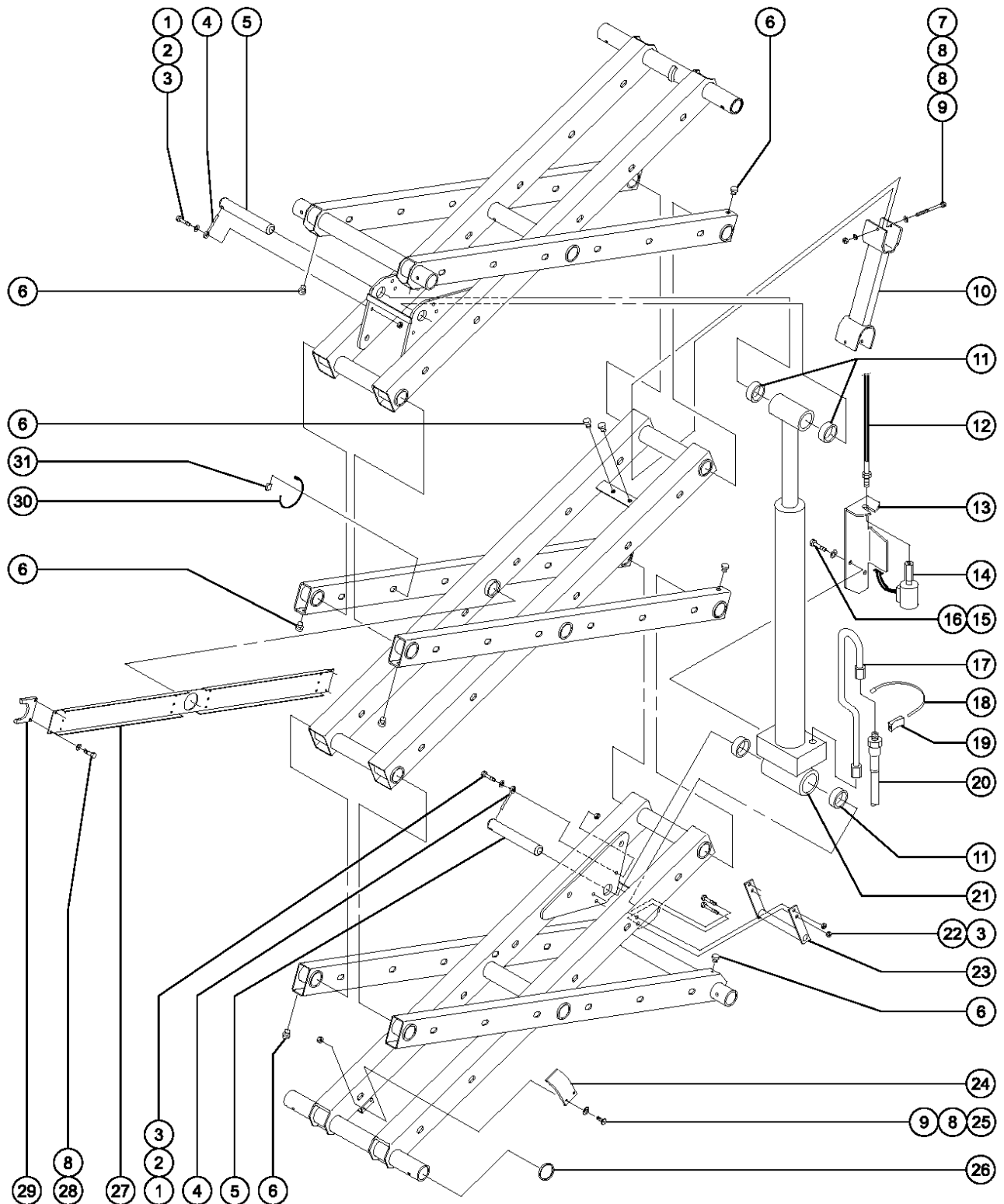


302.1 Scissor Assembly, GS-1530, View 2 (to serial number 631)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24	8914GT	SCREW, HHC, 1/4-20 X .625	4
25	47164GT	SPACER,CABLE BRIDGE	2
26	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit. ..	10
27	39560GT	CLIP,CABLE TIE MOUNT Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit. ..	10



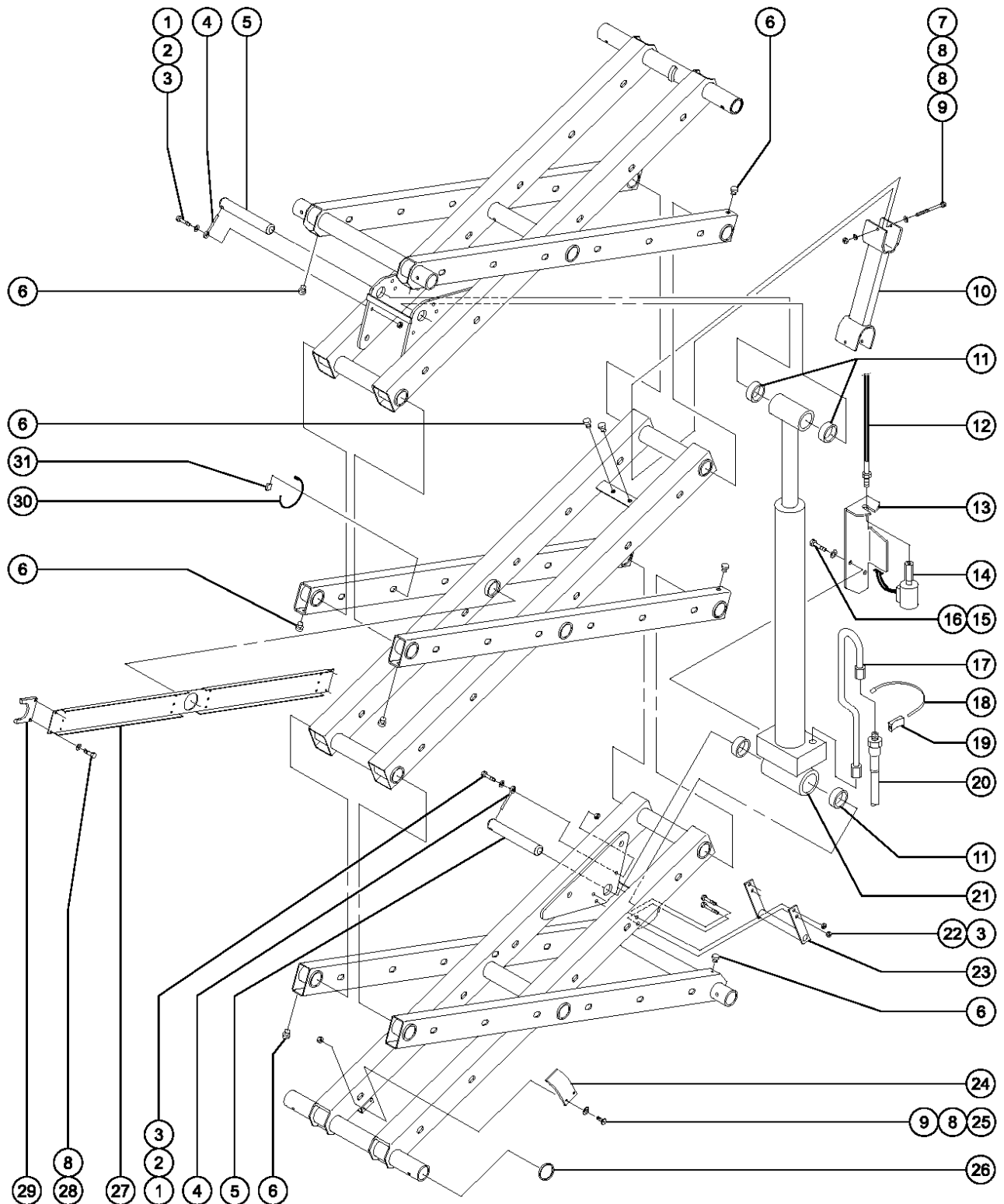
302.2 Scissor Assembly, GS-1530, View 2 (from serial number 632 to 23567)



302.2 Scissor Assembly, GS-1530, View 2 (from serial number 632 to 23567)

Item	Part No.	Description	Qty.
1	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
2	6097GT	WASHER, FLAT, USS, 3/8", Y	2
3	4828GT	NUT, NYLOCK, 3/8-16	6
4	825019GT	ROD END, .375X3.69, ZAG	2
5	39096GT	PIN, 1.75 X 8.686" LG., SCR (23.37 x 4.445 cm) (to SN 2130)	2
5A	47666GT	PIN, 1.50 DIA X 9.13 LG, 1 HOLE (22.73 x 3.81 cm) (from SN 2131)	2
6	47502GT	BUMPER, 1.25 INCH O.D., SCISSORS (3.2 cm)	14
7	6115GT	SCREW, HHC, 1/4-20 X 3.5	1
8	6638GT	WASHER, FLAT, USS, 1/4" Y	6
9	6091GT	NUT, NYLOCK, 1/4-20	3
10		Ref. Safety Arm (refer to Figure 302.3)	3
11	39274GT	BEARING, 1.75 ID X 2.00 OD X 2.50 L	4
12		Ref. Cable - Manual Lowering (refer to Figure 202.1 or 202.2)	4
13	41557-SGT	CABLE BRACKET, PAINTED	1
14	66465GT	VALVE, NC SOLENOID, MANUAL	1
14-	84422GT	COIL-SOLENOID VALVE, 20V DC*** (direct replacement for 66467)	1
15	7339GT	SCREW, HHC, 1/4-20 X .5	2
16	6356GT	WASHER, LOCK, .25	2
17	47012GT	FLARE TUBE ASSY, LIFT CYLINDER	1
18	66098GT	CABLE TIE, 9" X .5	1
19	47046GT	CABLE TIE MOUNT	1
20		Ref. Hydraulic Hoses and Fittings (refer to Figure 213.1)	1
21	58125GT	CYLINDER UPDATE GS-1530** (to SN 23569) (complete)	1
21A	55715GT	CYLINDER-LIFT, GS30 (included in update kit 58125, from SN 23568)	1
21-	44249GT	SEAL KIT 46221 & 46222 (SCISR) (Texas Hydraulic) (Cylinder 47713)	1
21-	78910GT	SEAL KIT, 55715 DY LIFT CYL (Dong Yang)	1
21-	55559GT	ORIFICE LONG M, 0.046** (1.1684 mm)	1
21-	39878GT	CONNECTOR, 070120-6-6	1

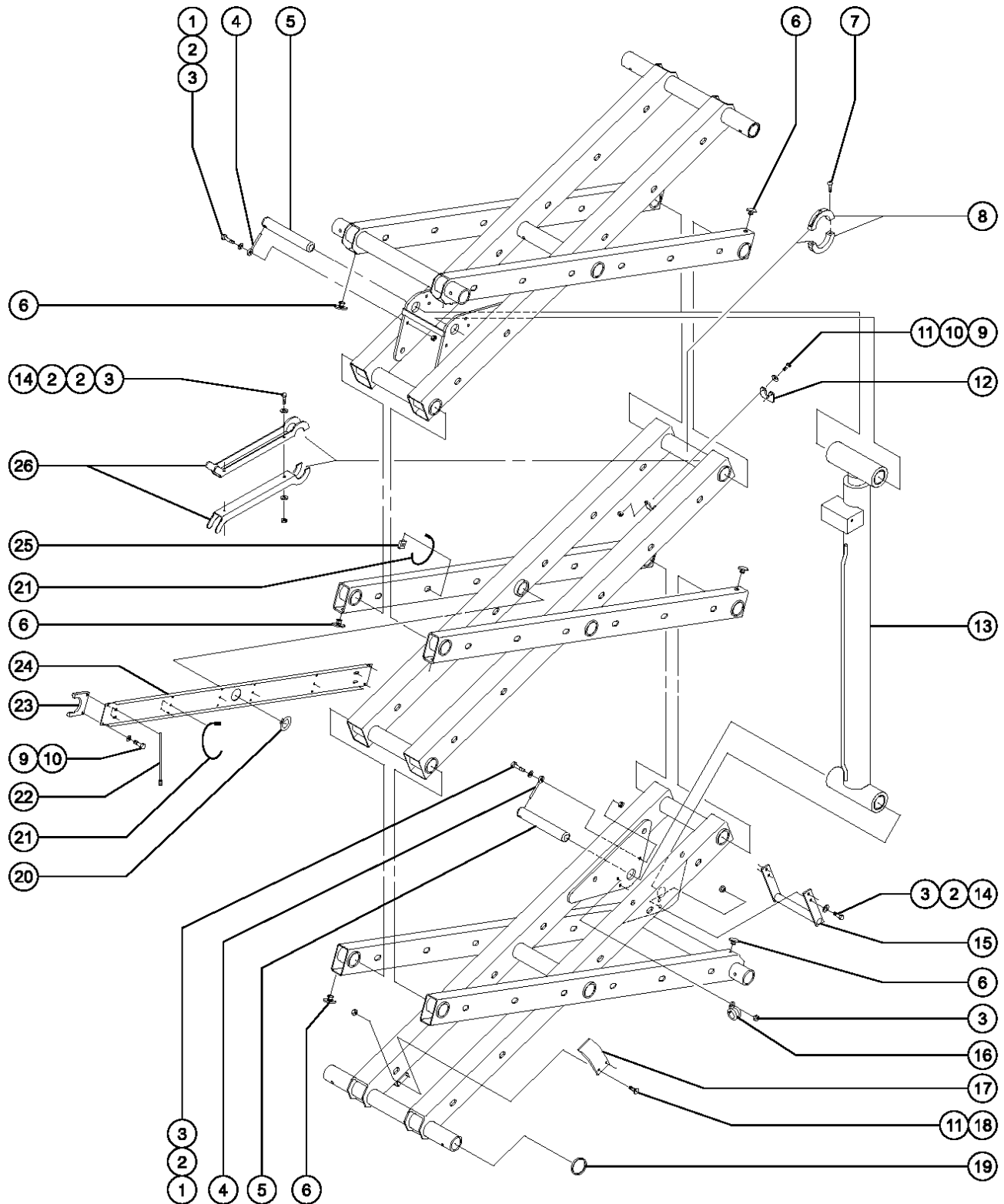
302.2 Scissor Assembly, GS-1530, View 2 (from serial number 632 to 23567)



302.2 Scissor Assembly, GS-1530, View 2 (from serial number 632 to 23567)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
21-	39274GT	BEARING,1.75IDX2.00ODX2.50L (to SN 2130)	1
21-	45071GT	BEARING,1.5IDX1.75ODX1.5L (from SN 2131)	1
22	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
23	39270PGT	POTHOLE ACTUATOR PUSHER WLDMT	1
24	47573PGT	PLATE,LIFT ARM CAM GS1530	1
25	6090GT	SCREW, HHC, 1/4-20 X .75	2
26	39127GT	WASHER, SCIS ARM,1.79X2.25X.120	1
27	47711PGT	BRACKET,MAIN CABLE BRIDGE	1
28	8914GT	SCREW, HHC, 1/4-20 X .625	4
29	47164GT	SPACER,CABLE BRIDGE	2
30	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit.	.. 10
31	39560GT	CLIP,CABLE TIE MOUNT Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit.	.. 10

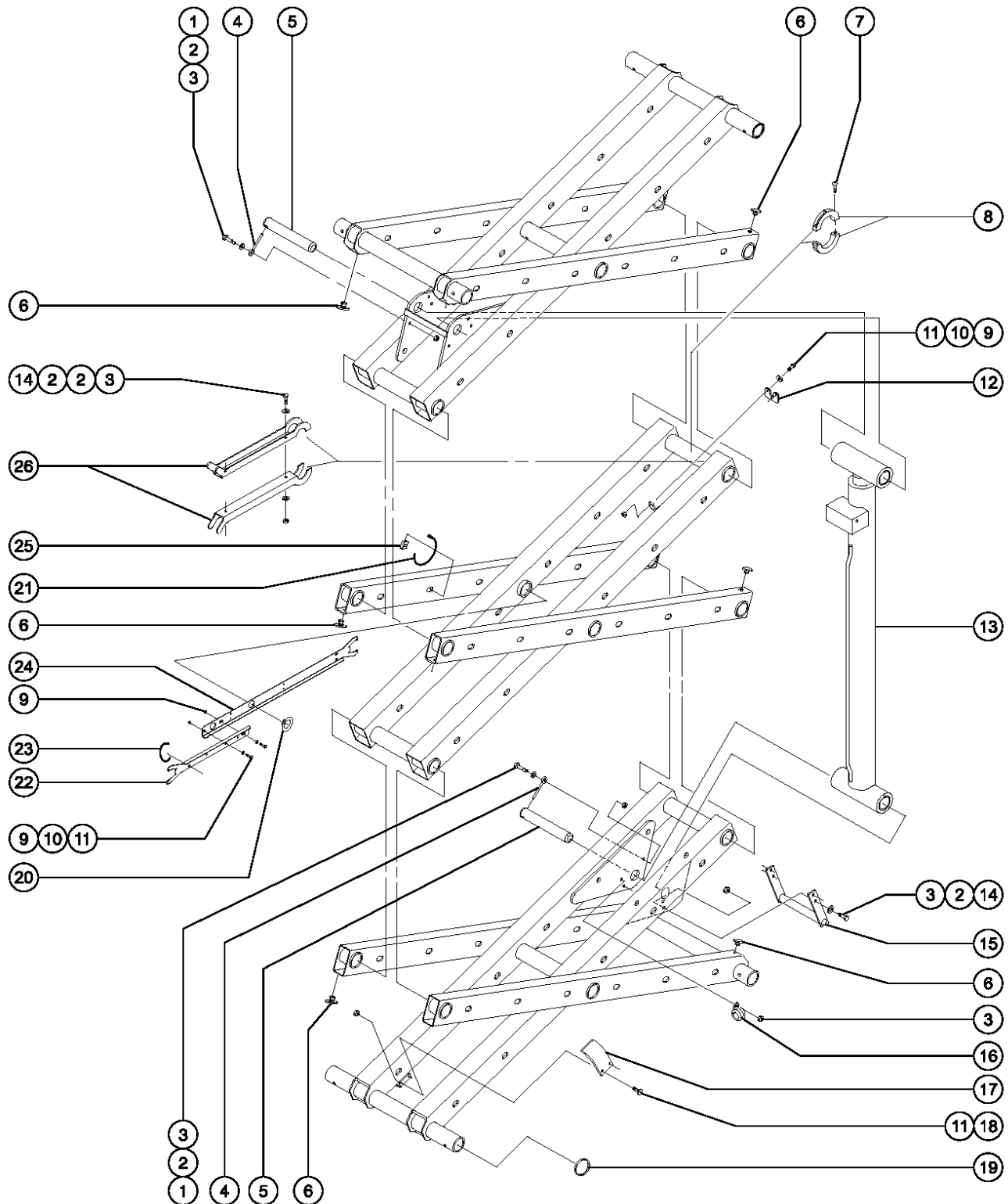
302.3 Scissor Assembly, GS-1530, View 2 (from serial number 23568 to 50515)



302.3 Scissor Assembly, GS-1530, View 2 (from serial number 23568 to 50515)

Item	Part No.	Description	Qty.
1	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
2	6097GT	WASHER, FLAT, USS, 3/8", Y	10
3	4828GT	NUT, NYLOCK, 3/8-16	16
4	825019GT	ROD END, .375X3.69, ZAG	2
		(0.95 x 8.2 cm)	
5	47666GT	PIN, 1.50 DIA X 9.13 LG, 1 HOLE	2
		(from SN 2131) (22.73 x 3.81 cm)	
6	47502GT	BUMPER, 1.25 INCH O.D., SCISSORS	14
		(to SN 50514) (3.2 cm)	
7	11966GT	SCREW, BHHS, 1/4-20 X 1.5	2
8	55487GT	CROSS TUBE COLAR, GS30\32	1
9	6888GT	SCREW, HHC, 1/4-20 X 1	7
10	6638GT	WASHER, FLAT, USS, 1/4"Y	7
11	6091GT	NUT, NYLOCK, 1/4-20	5
12	55336GT	CHOCK STOP CUSHION	1
13		Ref. Lift Cylinder Assembly	1
		(refer to Figure 305.1)	
14	6019GT	SCREW, HHC, 3/8-16 X 1.25 GRD 5	6
15	39270PGT	POTHOLE ACTUATOR PUSHER WLDMT	1
16	45454GT	CLAMP, 0.75, #12 X 3/8, RUB CUSH*	8
17	47573PGT	PLATE, LIFT ARM CAM GS1530	1
18	8514GT	SCREW, FHS, 1/4-20 X .75	2
19	39127GT	WASHER, SCIS ARM, 1.79X2.25X.120	1
20	18383GT	SNAP RING, EXTERNAL, 1.5 DIA	1
21	28443GT	CABLE TIE, 11.5" BLACK	2
		(29.2 cm)	
22	66098GT	CABLE TIE, 9" X .5	2
		(22.9 cm)	
23	47164GT	SPACER, CABLE BRIDGE	2
24	47711PGT	BRACKET, MAIN CABLE BRIDGE	1
		(to SN 50515)	
25	39560GT	CLIP, CABLE TIE MOUNT ..	10
		Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit.	
26	58000GT	SAFETY CHOCK, SCISSOR	1

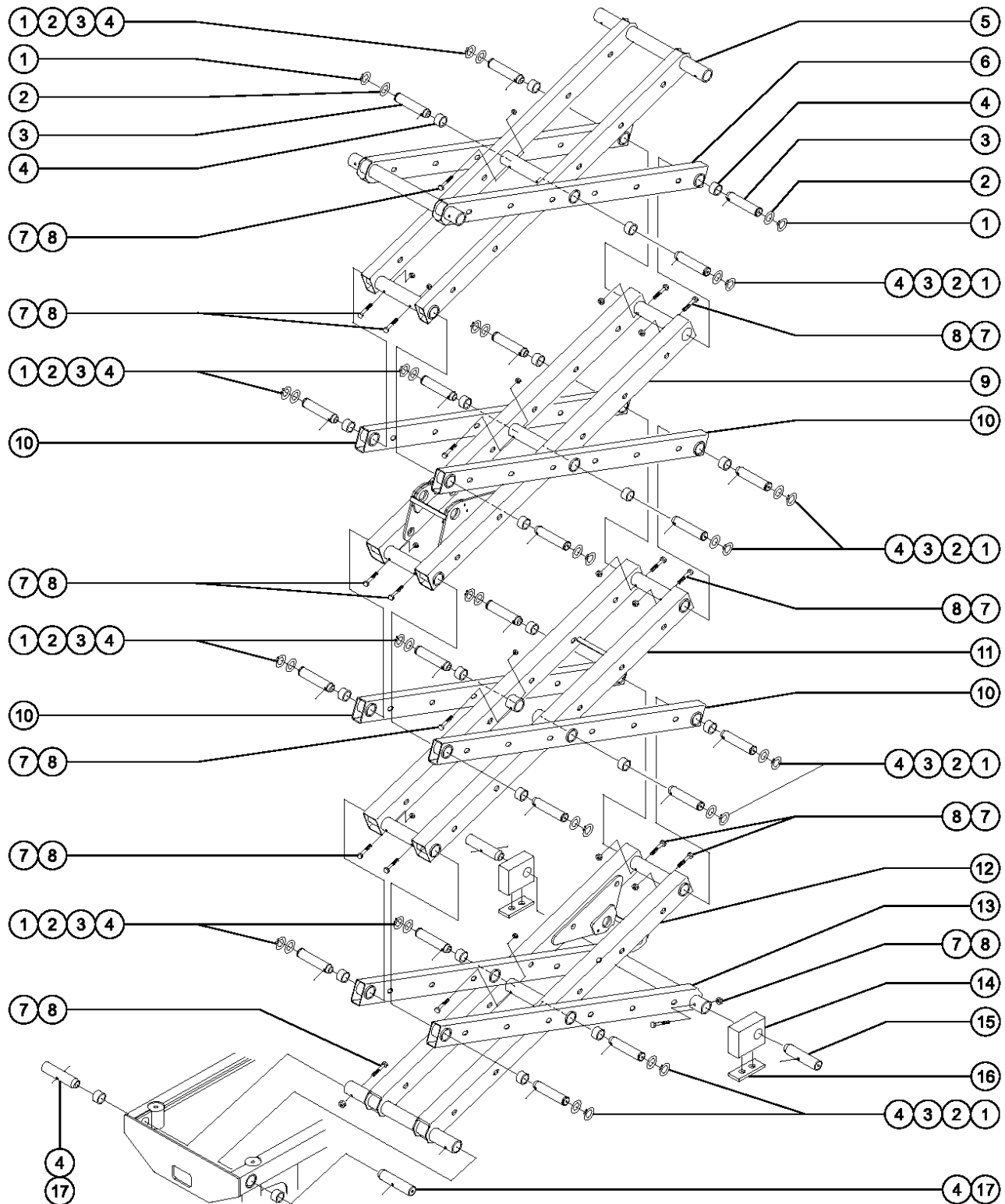
302.4 Scissor Assembly, GS-1530, View 2 (from serial number 50516)



302.4 Scissor Assembly, GS-1530, View 2 (from serial number 50516)

Item	Part No.	Description	Qty.
1	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
2	6097GT	WASHER, FLAT, USS, 3/8", Y	10
3	4828GT	NUT, NYLOCK, 3/8-16	12
4	825019GT	ROD END, .375X3.69, ZAG	2
		(0.95 x 8.2 cm)	
5	47666GT	PIN, 1.50 DIA X 9.13 LG, 1 HOLE	2
		(22.73 x 3.81 cm) (from SN 2131)	
6	47502GT	BUMPER, 1.25 INCH O.D., SCISSORS	14
		(3.2 cm)	
7	11966GT	SCREW, BHHS, 1/4-20 X 1.5	2
8	55487GT	CROSS TUBE COLAR, GS30\32	1
9	6888GT	SCREW, HHC, 1/4-20 X 1	7
10	6638GT	WASHER, FLAT, USS, 1/4"Y	7
11	6091GT	NUT, NYLOCK, 1/4-20	5
12	55336GT	CHOCK STOP CUSHION	1
13		Ref. Lift Cylinder Assembly	1
		(refer to Figure 205.1)	
14	6019GT	SCREW, HHC, 3/8-16 X 1.25 GRD 5	6
15	39270PGT	POTHOLE ACTUATOR PUSHER WLDMT	1
16	45454GT	CLAMP, 0.75, #12 X 3/8, RUB CUSH*	8
17	47573PGT	PLATE, LIFT ARM CAM GS1530	1
18	8514GT	SCREW, FHS, 1/4-20 X .75	2
19	39127GT	WASHER, SCIS ARM, 1.79X2.25X.120	1
20	18383GT	SNAP RING, EXTERNAL, 1.5 DIA	1
21	28443GT	CABLE TIE, 11.5" BLACK	2
		(29.2 cm)	
22	78687GT	FORMING, CABLE BRIDGE, UPPER	1
23	66098GT	CABLE TIE, 9" X .5	2
24	78686GT	FORMING, CABLE BRIDGE, MAIN***	1
25	39560GT	CLIP, CABLE TIE MOUNT ..	10
		(quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit)	
26	58000GT	SAFETY CHOCK, SCISSOR	1
		(includes 2 each, items 2, 3 and 14)	

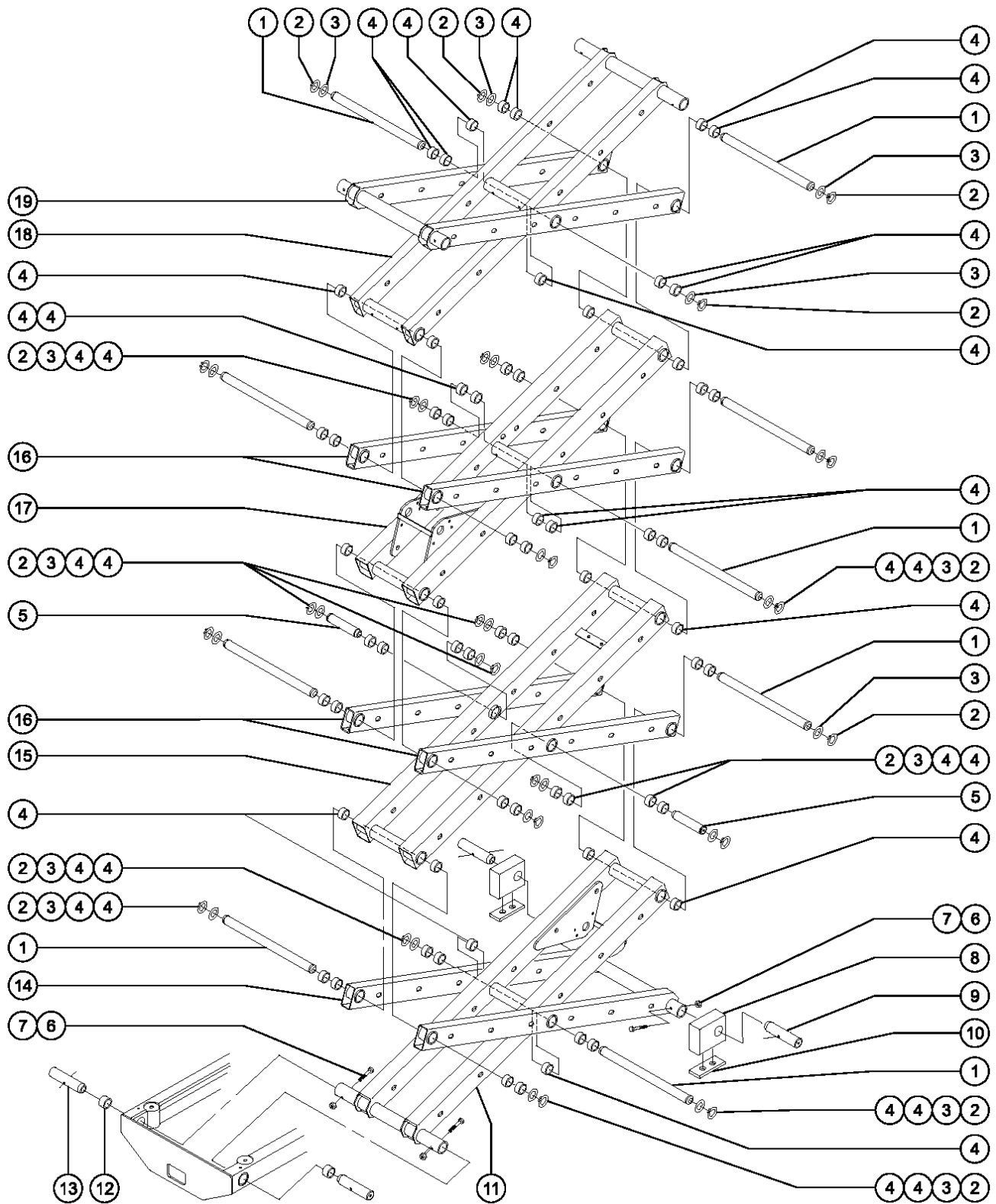
303.1 Scissor Assembly, GS-1930, View 1 (to serial number 631)



303.1 Scissor Assembly, GS-1930, View 1 (to serial number 631)

Item	Part No.	Description	Qty.
A	71349GT	BUMPER, LINK	
1	18384GT	SNAP RING,EXTERNAL,1.75 DIA.	20
2	39127GT	WASHER, SCIS ARM,1.79X2.25X.120	20
3	39094GT	PIN,1.75 X 8.187"LG.,SCR	20
		(20.8 x 4.445 cm)	
4	39274GT	BEARING,1.75IDX2.00ODX2.50L	22
		(4.45 x 5.08 x 6.35 cm)	
5	46244GT	ARM-#4 INNR, PLATFORM (1930)	1
		(includes 2 each, item 4)	
6	44161GT	ARM-#3 OUTER (GS-1530)	1
		(includes 4 each, item 4)	
7	14033GT	SCREW, HHC, 3/8-16 X 2.75	30
8	4828GT	NUT, NYLOCK, 3/8-16	30
9	44215GT	ARM-#3 INNER (GS-1930)	1
		(includes 2 each, item 4)	
10	44162GT	ARM-#2 OUTR.GS1530 & #3 OUTR	4
		(includes 3 each, item 4)	
11	44231GT	ARM-#2 INNER (GS15/GS19)**	1
		(includes 2 each, item 4)	
12	44214GT	ARM-#1 INNER W/DECALS,GS15/19	1
		(includes 2 each, item 4)	
13	44746GT	ARM-#1 OUTER (GS1530,GS1930)	1
		(includes 4 each, item 4)	
14	47158GT	SLIDER BLOCK	2
15	39095GT	PIN,1.75DIA X7.35LG,CHAMFER	2
		(18.67 x 4.445 cm)	
16	47599GT	WEAR PAD, SLIDER	2
		(5.72 x 11.43 x 0.64 cm)	
17	47102GT	PIN,1.75DIA.X7.94LG, 1HOLE	2
		(4.45 x 20.17 cm)	

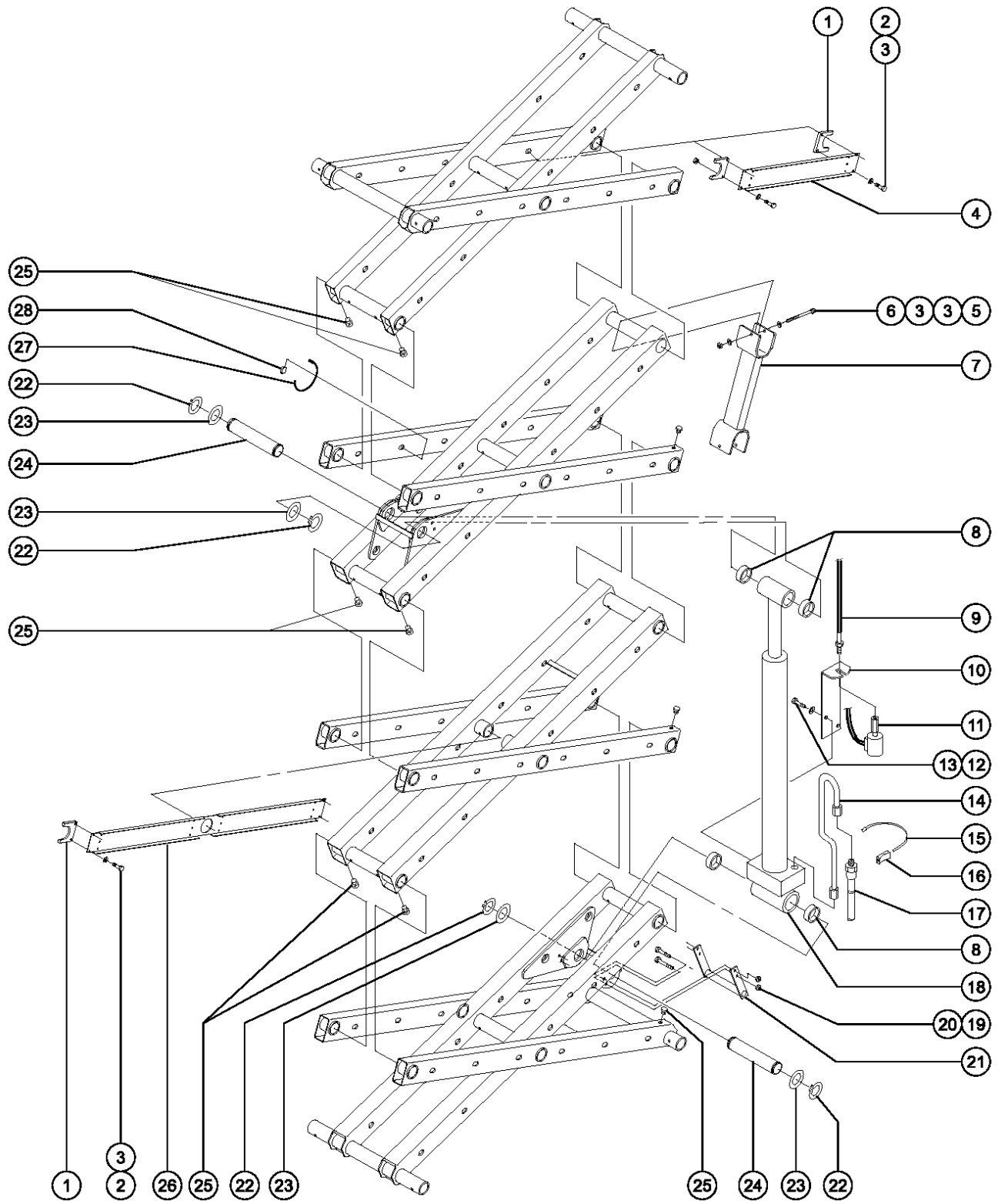
303.2 Scissor Assembly, GS-1930, View 1 (from serial number 632)



303.2 Scissor Assembly, GS-1930, View 1 (from serial number 632)

Item	Part No.	Description	Qty.
A	71349GT	BUMPER, LINK	
1	47595GT	PIN,1.50DIA X 21.03LG,2RING (53.92 x 3.81 cm)	9
2	18383GT	SNAP RING,EXTERNAL,1.5 DIA -3.81	22
3	1260941GT	WASHER,SHIM,1.54X2.00X.125,ZAG	22
4	66055GT	BEARING,1.50IDX1.77ODX1.25L	64
5	47655GT	PIN,1.50DIA X 7.42LG,2RING (19.38 x 3.81 cm)	2
6	4828GT	NUT, NYLOCK, 3/8-16	4
7	14033GT	SCREW, HHC, 3/8-16 X 2.75	4
8	47158GT	SLIDER BLOCK	2
9	39095GT	PIN,1.75DIA X 7.35LG,CHAMFER (19 x 4.445 cm)	2
10	47599GT	WEAR PAD, SLIDER	2
11		ARM-#1 INNER W/DECALS,GS15/19 (to SN 2130) (includes 4 each, item 4) no longer available.(contact customer service)	1
11A	48678GT	ARM-#1 INNER W/DECALS,GS15/19 (from SN 2131) (includes 4 each, item 4)	1
12	51763GT	BEARING,FL,1.75IDX2.25ODX.85L (4.45 x 5.08 x 6.35 cm)	2
13	47102GT	PIN,1.75DIA.X7.94LG, 1HOLE (20.17 x 4.445 cm)	2
14		ARM-#1 OUTER (GS1530,GS1930) (includes 8 each, item 4) No longer available.(contact customer service)	1
15	48384GT	ARM-#2 INNER (GS1530/GS1930) (includes 8 each, item 4)	1
16	48383GT	ARM-#2 OUTR.GS1530 & #3 OUTR (includes 6 each, item 4)	4
17	48387GT	ARM-#3 INNER (GS-1930) (to SN 2130) (includes 8 each, item 4)	1
17A	48681GT	ARM-#3 INNER (GS-1930) (from SN 2131) (includes 8 each, item 4)	1
18	48388GT	ARM-#4 INNR. PLATFORM (1930) (includes 4 each, item 4)	1
19	48385GT	ARM-#3 OUTER (GS-1530) (includes 8 each, item 4)	1

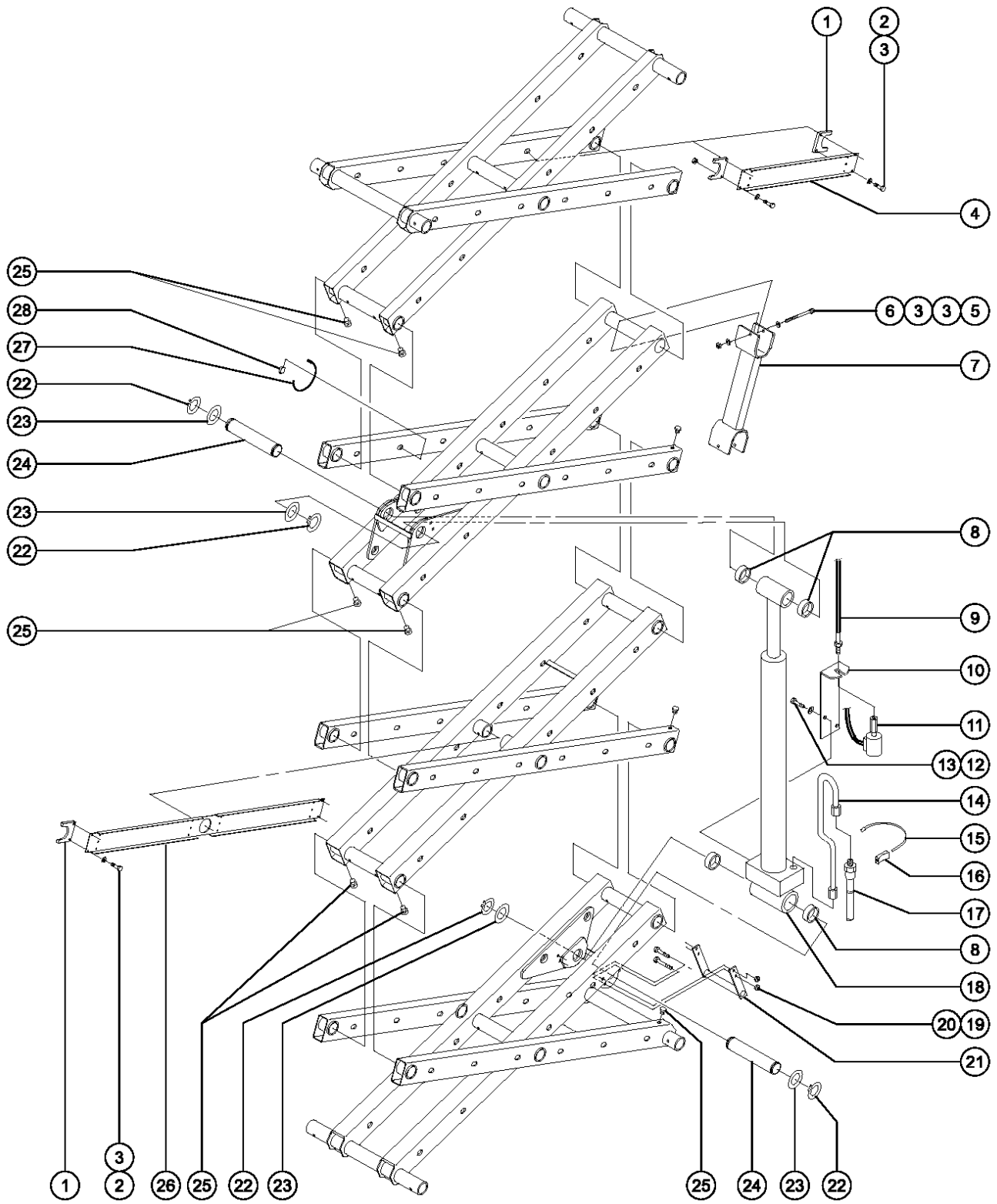
304.1 Scissor Assembly, GS-1930, View 2 (to serial number 631)



304.1 Scissor Assembly, GS-1930, View 2 (to serial number 631)

Item	Part No.	Description	Qty.
1	47164GT	SPACER,CABLE BRIDGE	4
2	8914GT	SCREW, HHC, 1/4-20 X .625	8
3	6638GT	WASHER, FLAT, USS, 1/4"Y	10
4	39440PGT	BRKT,UPPER CABLE BRIDGE,GRAY	1
5	6115GT	SCREW,HHC,1/4-20 X 3.5	1
6	6091GT	NUT, NYLOCK, 1/4-20	1
7		Ref. Safety Arm (refer to Figure 302.3)	1
8	39275GT	BEARING,1.75ID X 2"OD X .75"LG	4
9		Ref. Cable - Manual Lowering (refer to Figure 202.1)	4
10	41557-SGT	CABLE BRACKET,PAINTED	1
11	66465GT	VALVE,NC SOLENOID, MANUAL	1
11-	84422GT	COIL-SOLENOID VALVE,20V DC***	1
12	7339GT	SCREW,HHC,1/4-20 X .5	2
13	6356GT	WASHER, LOCK, .25	2
14	47012GT	FLARE TUBE ASSY,LIFT CYLINDER	1
15	66098GT	CABLE TIE,9" X .5	1
16	47046GT	CABLE TIE MOUNT	1
17		Ref. Hydraulic Hoses and Fittings (refer to Figure 213.1)	1
18	58145GT	CYLINDER UPDATE GS-1930 (to SN 23567) (complete)	1
18-	55715GT	CYLINDER-LIFT,GS30 (included in update kit 58145, used from SN 23568)	1
18-	55558GT	ORIFICE LONG M. 0.37*** (0.94 mm)	1
18-	44249GT	SEAL KIT 46221 & 46222(SCISR) (Taxes Hydraulic)	1
18-	39878GT	CONNECTOR,070120-6-6	1
18-	39274GT	BEARING,1.75IDX2.00ODX2.50L (4.5 x 5.1 x 6.4 cm)	1
19	4828GT	NUT, NYLOCK, 3/8-16	4
20	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
21	39270PGT	POTHOLE ACTUATOR PUSHER WLDMT	1
22	18384GT	SNAP RING,EXTERNAL,1.75 DIA. (4.44 cm)	4

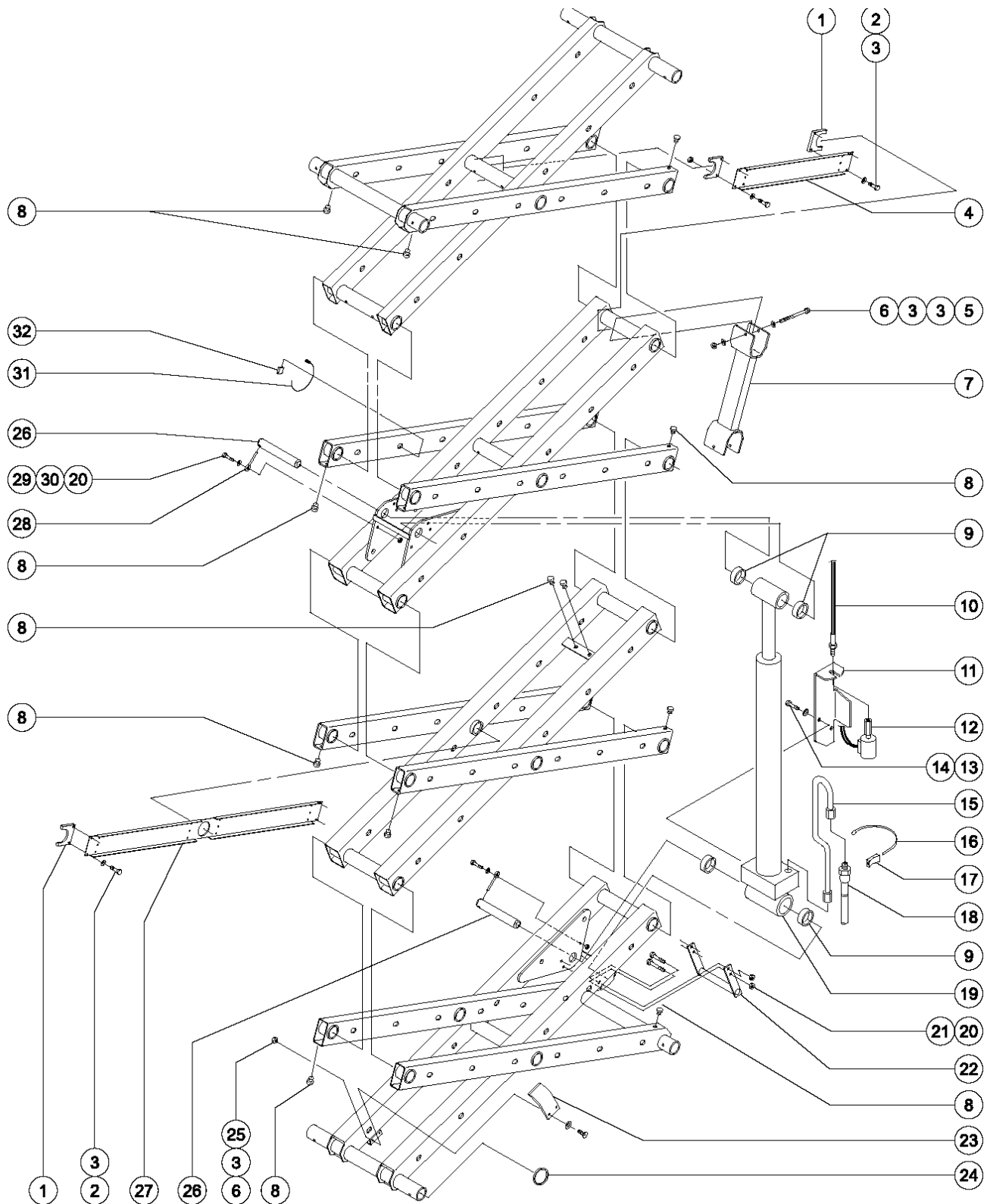
304.1 Scissor Assembly, GS-1930, View 2 (to serial number 631)



304.1 Scissor Assembly, GS-1930, View 2 (to serial number 631)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23	39127GT	WASHER, SCIS ARM,1.79X2.25X.120	4
24	39096GT	PIN,1.75 X 8.686"LG.,SCR	2
		(23.37 x 4.445 cm)	
25	47230GT	BUMPER,RUBBER	20
		(3.2 cm)	
26	47711PGT	BRACKET,MAIN CABLE BRIDGE	1
		(to SN 50515)	
26	78686GT	FORMING,CABLE BRIDGE,MAIN***	1
		(from SN 50516)	
27	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	10
		(10.2 cm)	
28	39560GT	CLIP,CABLE TIE MOUNT	10

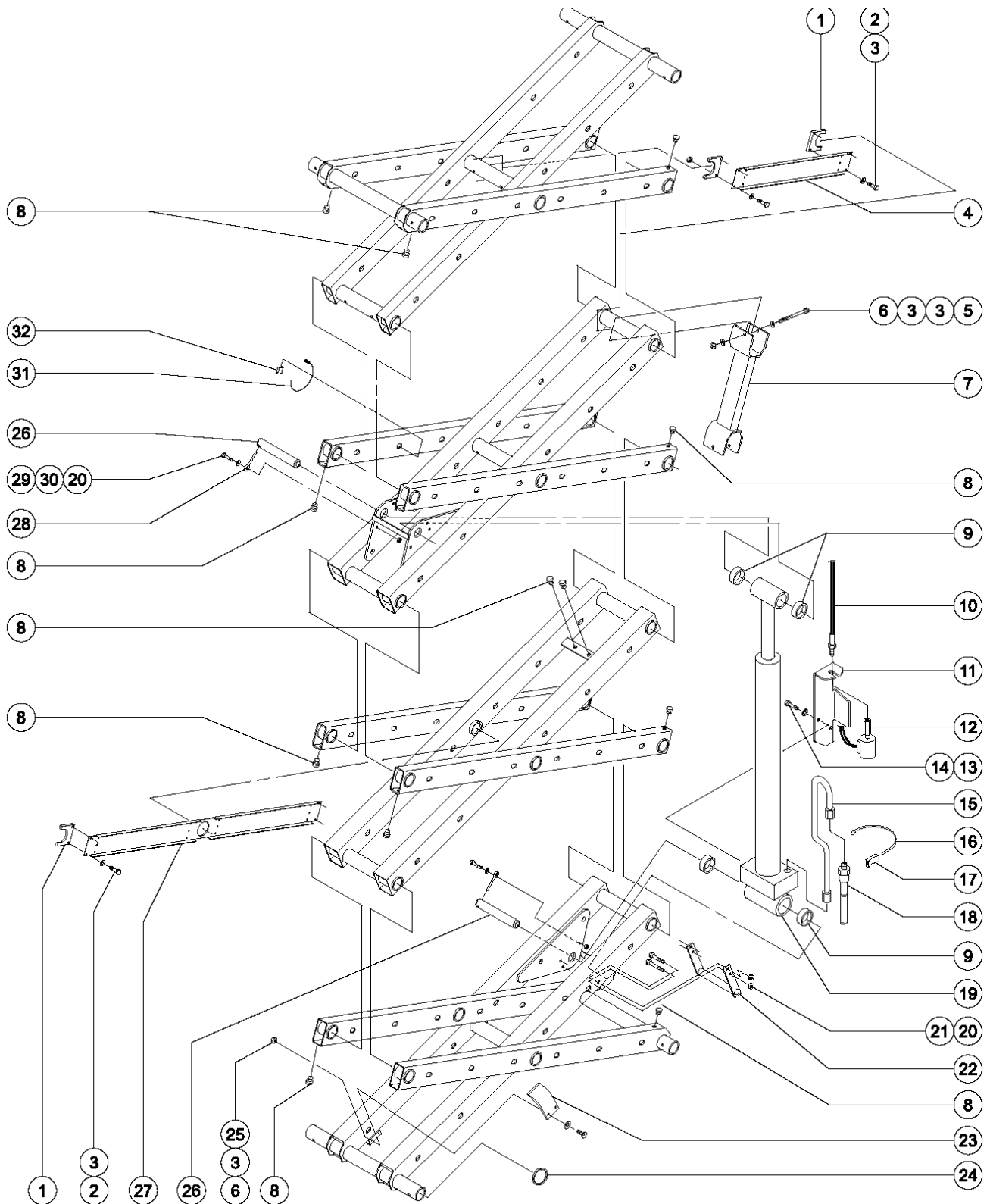
304.2 Scissor Assembly, GS-1930, View 2 (from serial number 632 to 23567)



304.2 Scissor Assembly, GS-1930, View 2 (from serial number 632 to 23567)

Item	Part No.	Description	Qty.
1	47164GT	SPACER,CABLE BRIDGE	4
2	8914GT	SCREW, HHC, 1/4-20 X .625	8
3	6638GT	WASHER, FLAT, USS, 1/4"Y	12
4	39440PGT	BRKT,UPPER CABLE BRIDGE,GRAY	1
5	6115GT	SCREW,HHC,1/4-20 X 3.5	1
6	6091GT	NUT, NYLOCK, 1/4-20	3
7		Ref. Safety Arm (refer to Figure 302.3)	3
8	47502GT	BUMPER,1.25 INCH O.D.,SCISSORS (3.2 cm)	22
9	39275GT	BEARING,1.75ID X 2"OD X .75"LG (4.45 x 5.08 x 1.91 cm)	4
10		Ref. Cable - Manual Lowering (refer to Figure 202.1 or 202.2)	4
11	41557-SGT	CABLE BRACKET,PAINTED	1
12	66465GT	VALVE,NC SOLENOID, MANUAL	1
12-	84422GT	COIL-SOLENOID VALVE,20V DC***	1
13	7339GT	SCREW,HHC,1/4-20 X .5	2
14	6356GT	WASHER, LOCK, .25	2
15	47012GT	FLARE TUBE ASSY,LIFT CYLINDER	1
16	66098GT	CABLE TIE,9" X .5	1
17	47046GT	CABLE TIE MOUNT	1
18		Ref. Hydraulic Hoses and Fittings (refer to Figure 213.1)	1
19	58145GT	CYLINDER UPDATE GS-1930 (to SN 23567)	1
19-	55715GT	CYLINDER-LIFT,GS30 (included in update kit 58145, used from SN 23568)	1
19-	55558GT	ORIFICE LONG M. 0.37*** (0.94 mm)	1
19-	44249GT	SEAL KIT 46221 & 46222(SCISR) (Texas Hydraulic) (Cylinder 47713)	1
19-	78910GT	SEAL KIT, 55715 DY LIFTCYL (Dong Yang)	1
19-	39878GT	CONNECTOR,070120-6-6	1
19-	39274GT	BEARING,1.75IDX2.00ODX2.50L (to SN 2130)	1
19-	45071GT	BEARING,1.5IDX1.75ODX1.5L (from Sn 2131)	1
20	4828GT	NUT, NYLOCK, 3/8-16	6

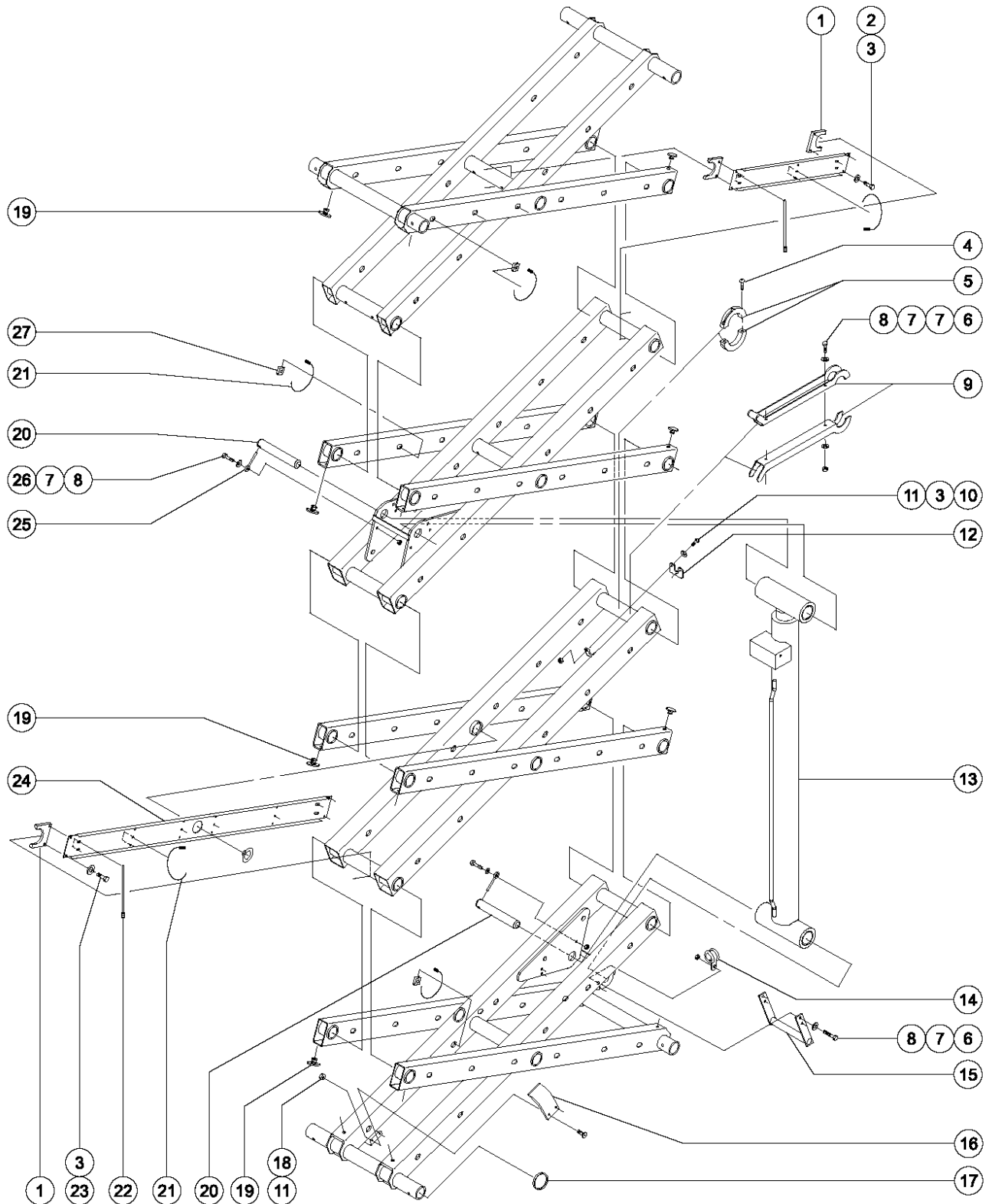
304.2 Scissor Assembly, GS-1930, View 2 (from serial number 632 to 23567)



304.2 Scissor Assembly, GS-1930, View 2 (from serial number 632 to 23567)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
21	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
22	39270PGT	POTHOLE ACTUATOR PUSHER WLDMT	1
23	47566-SGT	PLATE,LIFT ARM CAM 1930,32,46	1
24	39127GT	WASHER, SCIS ARM,1.79X2.25X.120	1
25	6090GT	SCREW, HHC, 1/4-20 X .75	2
26	39096GT	PIN,1.75 X 8.686"LG.,SCR (to SN 2130) (23.37 x 4.445 cm)	2
26A	47666GT	PIN,1.50DIA X 9.13LG,1HOLE (from SN 2131) (22.73 x 3.81 cm)	2
27	47711PGT	BRACKET,MAIN CABLE BRIDGE	1
28	825019GT	ROD END, .375X3.69, ZAG (0.95 x 8.2 cm)	2
29	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
30	6097GT	WASHER, FLAT, USS, 3/8", Y	2
31	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT (10.2 cm)	10
32	39560GT	CLIP,CABLE TIE MOUNT	10

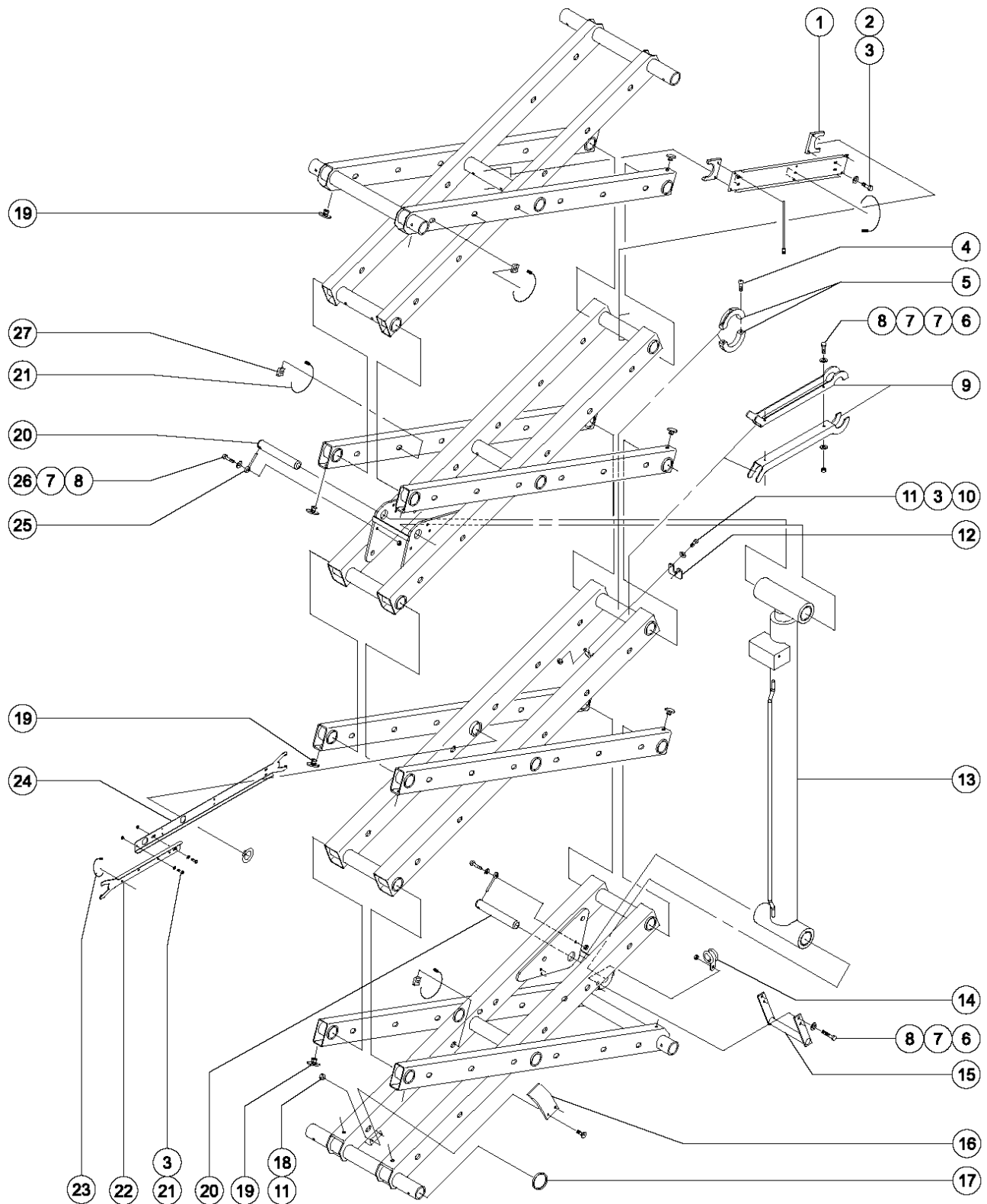
304.3 Scissor Assembly, GS-1930, View 2 (from serial number 23568 to 50515)



304.3 Scissor Assembly, GS-1930, View 2 (from serial number 23568 to 50515)

Item	Part No.	Description	Qty.
1	47164GT	SPACER,CABLE BRIDGE	2
1	39440PGT	BRKT,UPPER CABLE BRIDGE,GRAY	1
2	8914GT	SCREW, HHC, 1/4-20 X .625	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	11
4	11966GT	SCREW,BHHS,1/4-20 X 1.5	2
5	55487GT	CROSS TUBE COLAR, GS30\32	1
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	6
7	6097GT	WASHER, FLAT, USS, 3/8", Y	10
8	4828GT	NUT, NYLOCK, 3/8-16	8
9	58000GT	SAFETY CHOCK,SCISSOR	1
10	6888GT	SCREW, HHC, 1/4-20 X 1	3
11	6091GT	NUT, NYLOCK, 1/4-20	5
12	55336GT	CHOCK STOP CUSHION	1
13		Ref. Lift Cylinder Assembly	1
		(refer to Figure 305.1)	
14	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	8
15	39270PGT	POTHOLE ACTUATOR PUSHER WLDMT	1
16	47566PGT	PLATE,LIFT ARM CAM,PAINTED	1
17	39127GT	WASHER, SCIS ARM,1.79X2.25X.120	1
18	8514GT	SCREW,FHS,1/4-20 X .75	2
19	47502GT	BUMPER,1.25 INCH O.D.,SCISSORS	16
		(3.2 cm)	
20	47666GT	PIN,1.50DIA X 9.13LG,1HOLE	2
		(22.73 x 3.81 cm)	
21	28443GT	CABLE TIE, 11.5" BLACK	1
		(29.2 cm)	
22	66098GT	CABLE TIE,9" X .5	4
		(22.9 cm)	
23	8914GT	SCREW, HHC, 1/4-20 X .625	4
24	47711PGT	BRACKET,MAIN CABLE BRIDGE	1
		(to SN 50515)	
25	825019GT	ROD END, .375X3.69, ZAG	2
		(0.95 x 8.2 cm)	
26	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
27	39560GT	CLIP,CABLE TIE MOUNT	10

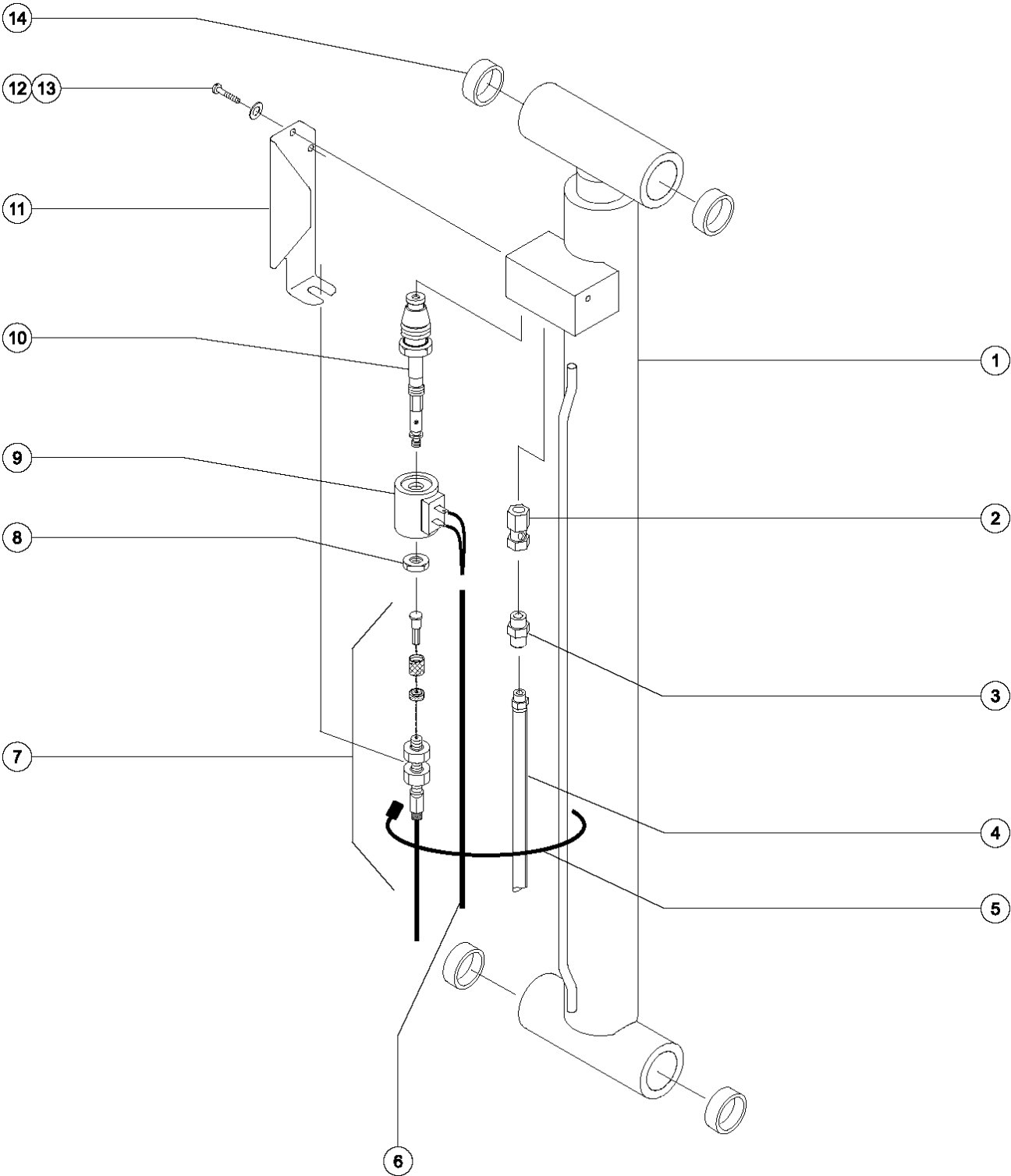
304.4 Scissor Assembly, GS-1930, View 2 (from serial number 50516)



304.4 Scissor Assembly, GS-1930, View 2 (from serial number 50516)

Item	Part No.	Description	Qty.
1	47164GT	SPACER,CABLE BRIDGE	2
1	39440PGT	BRKT,UPPER CABLE BRIDGE,GRAY	1
2	8914GT	SCREW, HHC, 1/4-20 X .625	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	11
4	11966GT	SCREW,BHHS,1/4-20 X 1.5	2
5	55487GT	CROSS TUBE COLAR, GS30\32	1
6	6175GT	SCREW,HHC,3/8-16 X 1	4
7	6097GT	WASHER, FLAT, USS, 3/8", Y	6
8	4828GT	NUT, NYLOCK, 3/8-16	4
9	58000GT	SAFETY CHOCK,SCISSOR	1
10	6888GT	SCREW, HHC, 1/4-20 X 1	3
11	6091GT	NUT, NYLOCK, 1/4-20	5
12	55336GT	CHOCK STOP CUSHION	1
13		Ref. Lift Cylinder Assembly	1
		(refer to Figure 305.1)	
14	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	8
15	39270PGT	POTHOLE ACTUATOR PUSHER WLDMT	1
16	47566-SGT	PLATE,LIFT ARM CAM 1930,32,46	1
17	39127GT	WASHER, SCIS ARM,1.79X2.25X.120	1
18	8514GT	SCREW,FHS,1/4-20 X .75	2
19	47502GT	BUMPER,1.25 INCH O.D.,SCISSORS	16
		(3.2 cm)	
20	47666GT	PIN,1.50DIA X 9.13LG,1HOLE	2
		(22.73 x 3.81 cm)	
21	28443GT	CABLE TIE, 11.5" BLACK	1
		(29.2 cm)	
22	78687GT	FORMING, CABLE BRIDGE, UPPER	1
23	66098GT	CABLE TIE,9" X .5	2
24	78686GT	FORMING,CABLE BRIDGE,MAIN***	1
25	825019GT	ROD END, .375X3.69, ZAG	2
		(0.95 x 8.2 cm)	
26	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
27	39560GT	CLIP,CABLE TIE MOUNT	10

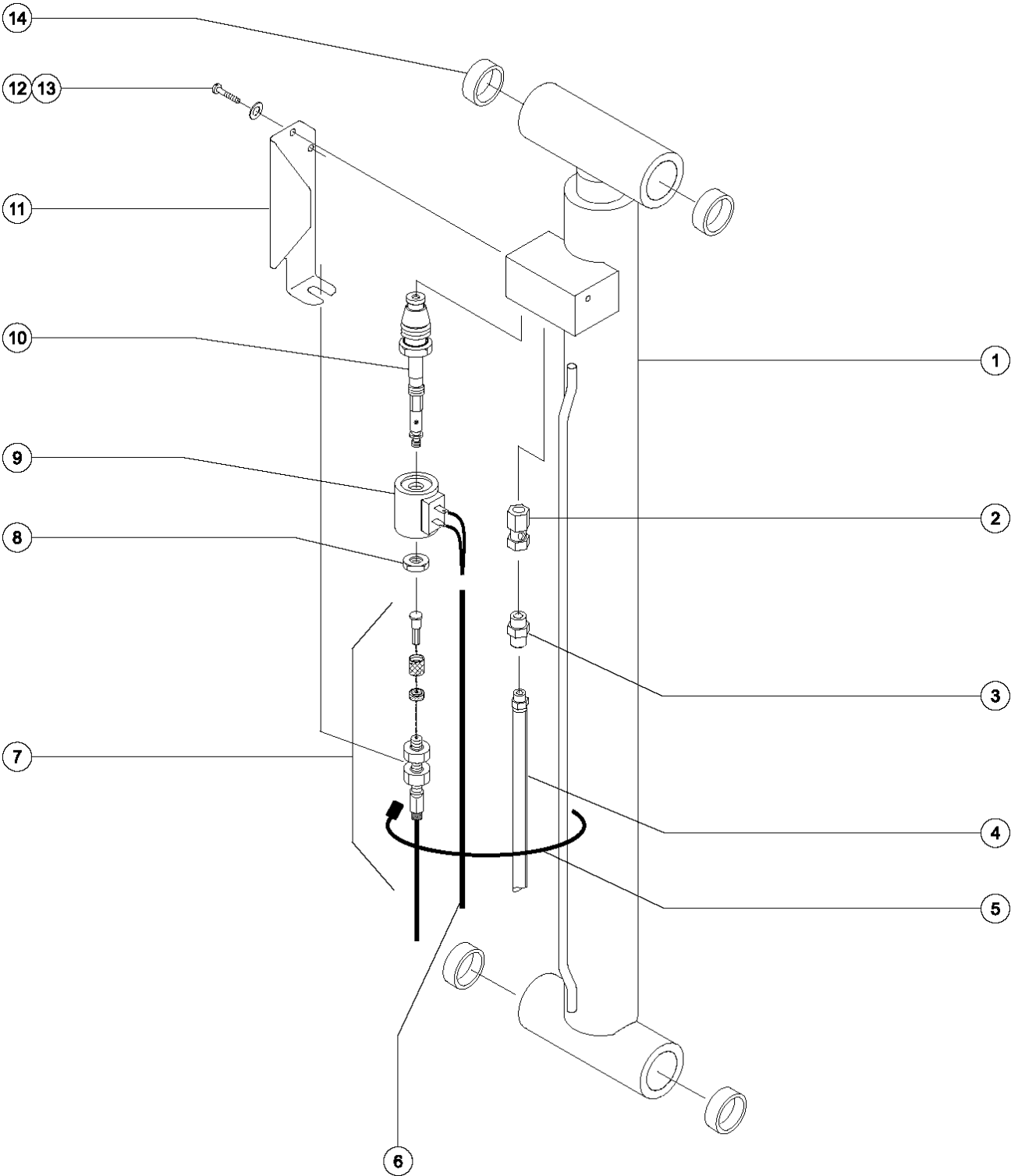
305.1 Lift Cylinder Assembly, GS-1530, GS-1930 (from serial number 23568)



305.1 Lift Cylinder Assembly, GS-1530, GS-1930 (from serial number 23568)

Item	Part No.	Description	Qty.
A-	58146GT	CYL.ASSY,1530*** (includes orifice and fitting)	
1	55715GT	CYLINDER-LIFT,GS30	1
1-	66469GT	SEAL KIT, 55715 TX LIFTCYL (Texas Hydraulic)	
1-	78910GT	SEAL KIT, 55715 DY LIFTCYL (Dong Yang)	1
2	55559GT	ORIFICE LONG M,0.046** GS-1530 (1.17 mm)	1
3	39878GT	CONNECTOR,070120-6-6	1
4		Ref. Hose Assembly (refer to Figure 214.1 or 214.2)	1
5	28443GT	CABLE TIE, 11.5" BLACK (29.21 cm)	3
6		Ref. Wire Harness (consult factory)	3
7		Ref. Cable - Manual Platform Lowering (refer to Figure 202.3 or 202.4)	3
8	1306744GT	NUT, COIL, ZINC PLATING	1
9	84422GT	COIL-SOLENOID VALVE,20V DC***	1
10	66465GT	VALVE,NC SOLENOID, MANUAL (includes items 8 and 9)	1
10-	44979GT	SEAL KIT,39909,PLAT LWR VALVE*	1
11	41557-SGT	CABLE BRACKET,PAINTED	1
12	7339GT	SCREW,HHC,1/4-20 X .5	2
13	6356GT	WASHER, LOCK, .25	2
14	65738GT	BUSHING 1.5X1.75X2.5 (4.45 x 5.1 x 6.35 cm)	4

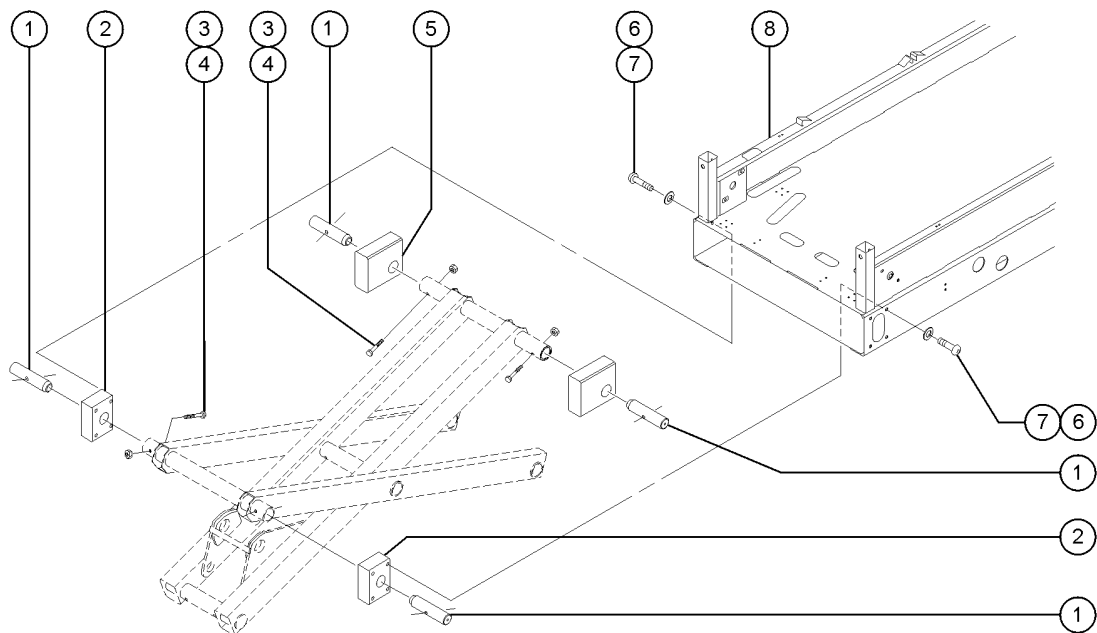
305.2 Lift Cylinder Assembly, GS-1530, GS-1930 (from serial number 23568)



305.2 Lift Cylinder Assembly, GS-1530, GS-1930 (from serial number 23568)

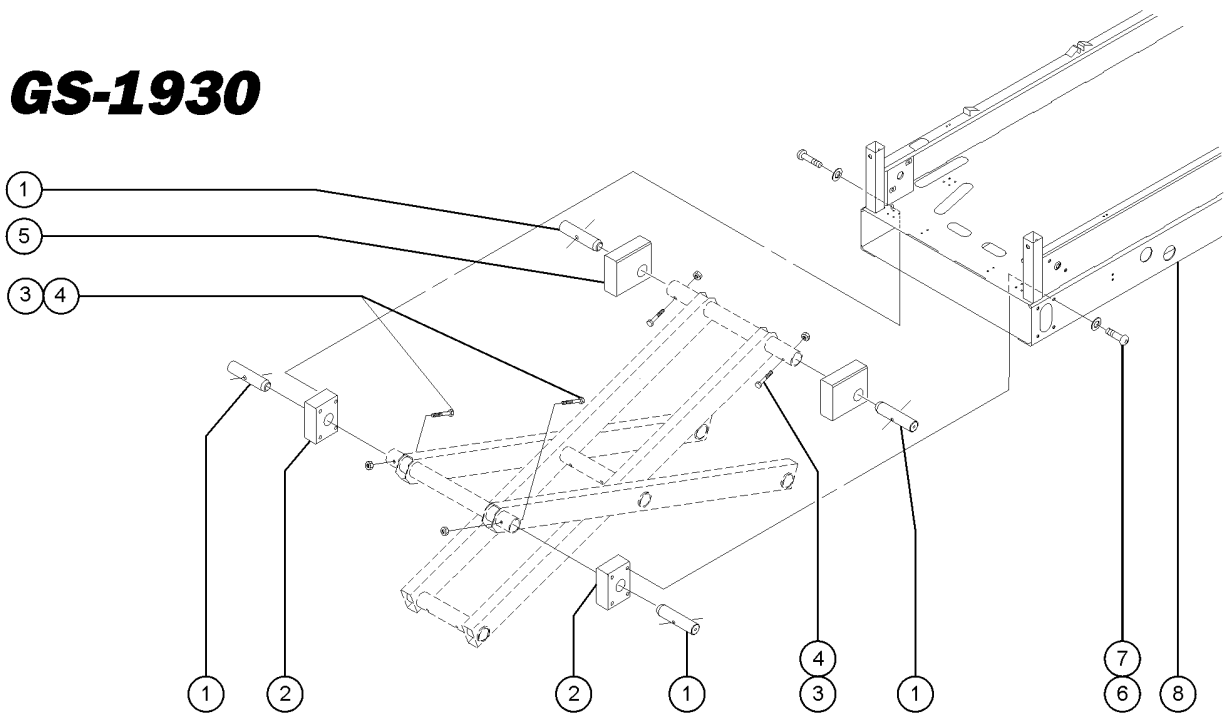
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
B-	58147GT	CYL.ASSY,1930 (includes orifice and fitting)	
1	55715GT	CYLINDER-LIFT,GS30	1
1-	66469GT	SEAL KIT, 55715 TX LIFTCYL (Texas Hydraulic)	
1-	78910GT	SEAL KIT, 55715 DY LIFTCYL (Dong Yang)	1
2	55558GT	ORIFICE LONG M. 0.37*** GS-1930 (0.94 mm)	1
3	39878GT	CONNECTOR,070120-6-6	1
4		Ref. Hose Assembly (refer to 214.1 or 214.2)	1
5	28443GT	CABLE TIE, 11.5" BLACK	3
6		Ref. Wire Harness (consult factory)	3
7		Ref. Cable - Manual Platform Lowering (refer to 202.3 or 202.4)	3
8	1306744GT	NUT, COIL, ZINC PLATING	1
9	84422GT	COIL-SOLENOID VALVE,20V DC***	1
10	66465GT	VALVE,NC SOLENOID, MANUAL (includes items 8 and 9)	1
10-	44979GT	SEAL KIT,39909,PLAT LWR VALVE*	1
11	41557-SGT	CABLE BRACKET,PAINTED	1
12	7339GT	SCREW,HHC,1/4-20 X .5	2
13	6356GT	WASHER, LOCK, .25	2
14	65738GT	BUSHING 1.5X1.75X2.5 (4.45 x 5.1 x 6.35 cm)	4

401.1 Platform Installation



GS-1530

GS-1930

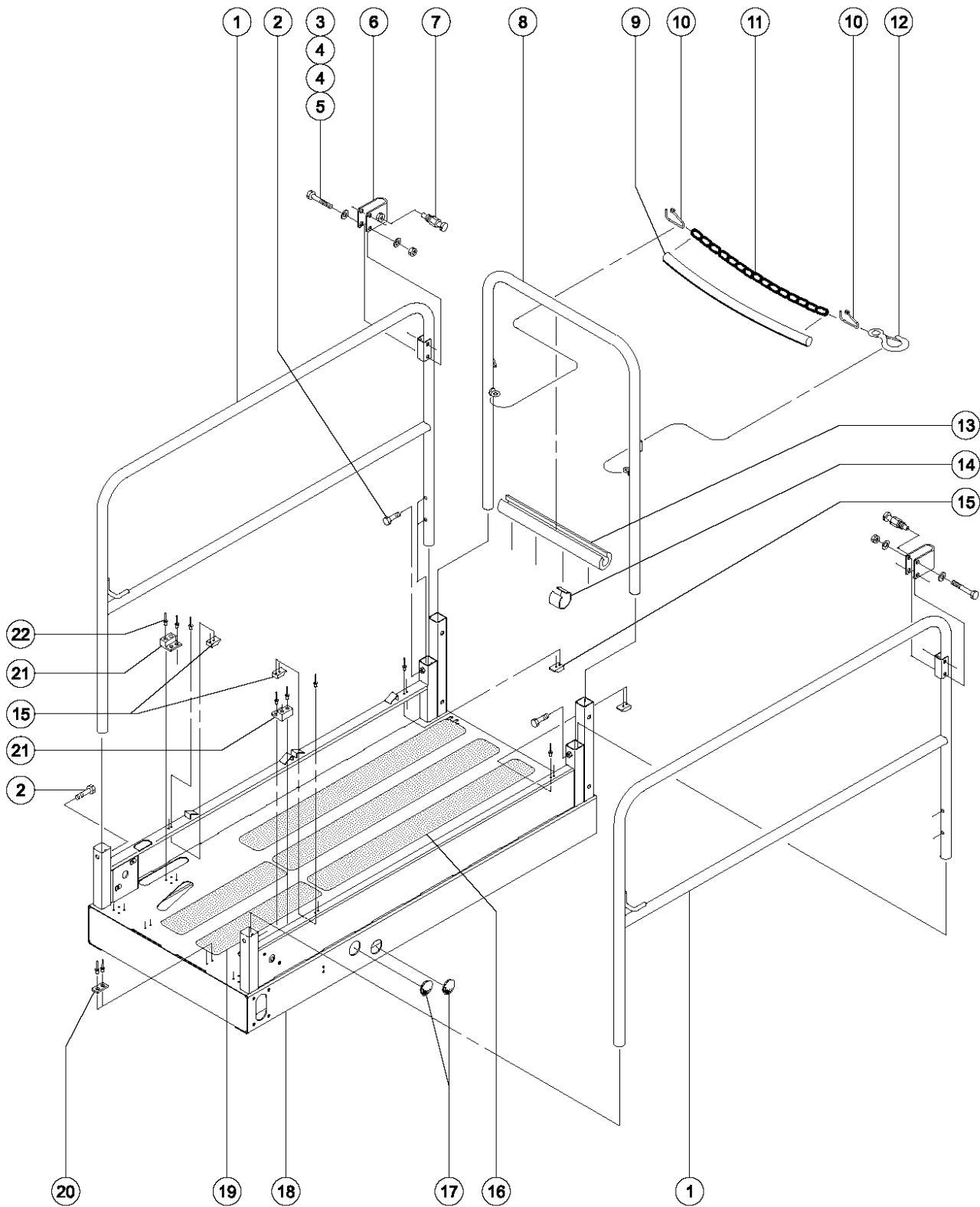


401.1 Platform Installation

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	39095GT	PIN,1.75DIAX7.35LG,CHAMFER (18.67 x 4.445 cm)	4
2	47160GT	BLOCK, PLATFORM ANCHOR	2
3	14033GT	SCREW, HHC, 3/8-16 X 2.75	4
4	4828GT	NUT, NYLOCK, 3/8-16	4
5	131426GT	SLIDER BLOCK,PLATFORM	2
6	36874GT	SCREW,BHHS,3/8-16 X 2.5	8
7	6021GT	WASHER, LOCK, .375	8
8		Ref. Platform Assembly (refer to 402.1, 403.1, 404.1, 405.1, and 406.1)	8



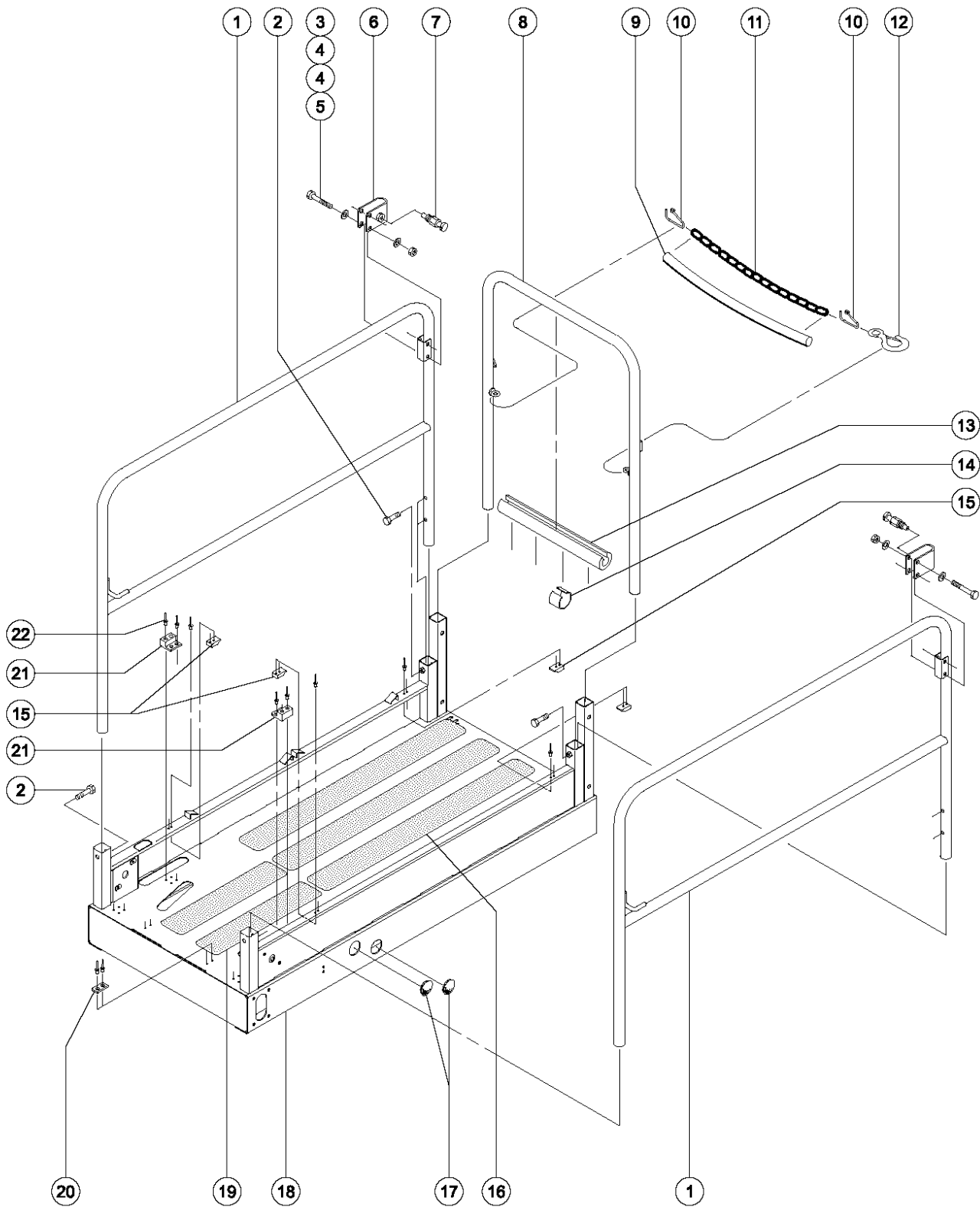
402.1 Platform Railings with Entry Chain - Round Tube, GS-1530



402.1 Platform Railings with Entry Chain - Round Tube, GS-1530

Item	Part No.	Description	Qty.
1	39046PGT	WELDMENT,PLATFORM RAILING,30	2
2	39478GT	SCREW,HHC,3/8-16 X 2 FULL THRD	4
3	8178GT	SCREW, HHC, 3/8-16 X 2.5	4
4	6097GT	WASHER, FLAT, USS, 3/8", Y	8
5	4828GT	NUT, NYLOCK, 3/8-16	4
6	39341-SGT	PLATFORM RAIL SNAP PIN BRACKET	2
7	47138GT	PIN,SNAP,ENTRY RAIL	2
8	39342PGT	WELDMENT,PLATFORM GATE 30	1
9	47224GT	TUBING,PVC,1",BLACK*** (41 cm)	16 in ch es
10	96163GT	LINK,(SPLIT) OPEN-END	2
11	39509GT	CHAIN,3/16,OPEN LINK 22.5" (54.6 cm)	1
12	39510GT	RIGID EYE SNAP	1
13	47188GT	FOAM,CLOSED CELL 1.75X.250X18" (3.5 x 0.64 x 46 cm)	1
14	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
15	39317GT	STOP PLATFORM ROLLER	4
16	47098GT	TAPE,NON-SKID,DIE CUT,4"X 40"	4
17	45840GT	PLUG,NYLON 2.00 BLACK DOMED	2
18	46248GT	PLAT. ASSY.W/DECALS GS-1530 (ANSI, CSA) (includes items 16, 2 each, items 17, 20, 4 each, items 15 and 21, 28 each, item 22)	1
18A	48670GT	PLAT.ASY.W/DECALS(GS-1530)CE (includes items 16, 2 each, items 17, 20, 4 each, items 15 and 21, 28 each, item 22)	1
19	47231GT	TAPE,NON-SKID,DIE CUT,4"X 16" (10.2 x 40.6 cm)	2
20	39474GT	WEAR PAD, PLATFORM	2
21	39310GT	WEAR/GUIDE PAD MAIN PLATFORM	4
22	T113787GT	RIVET,ALUM,STL.,188 X .250	30

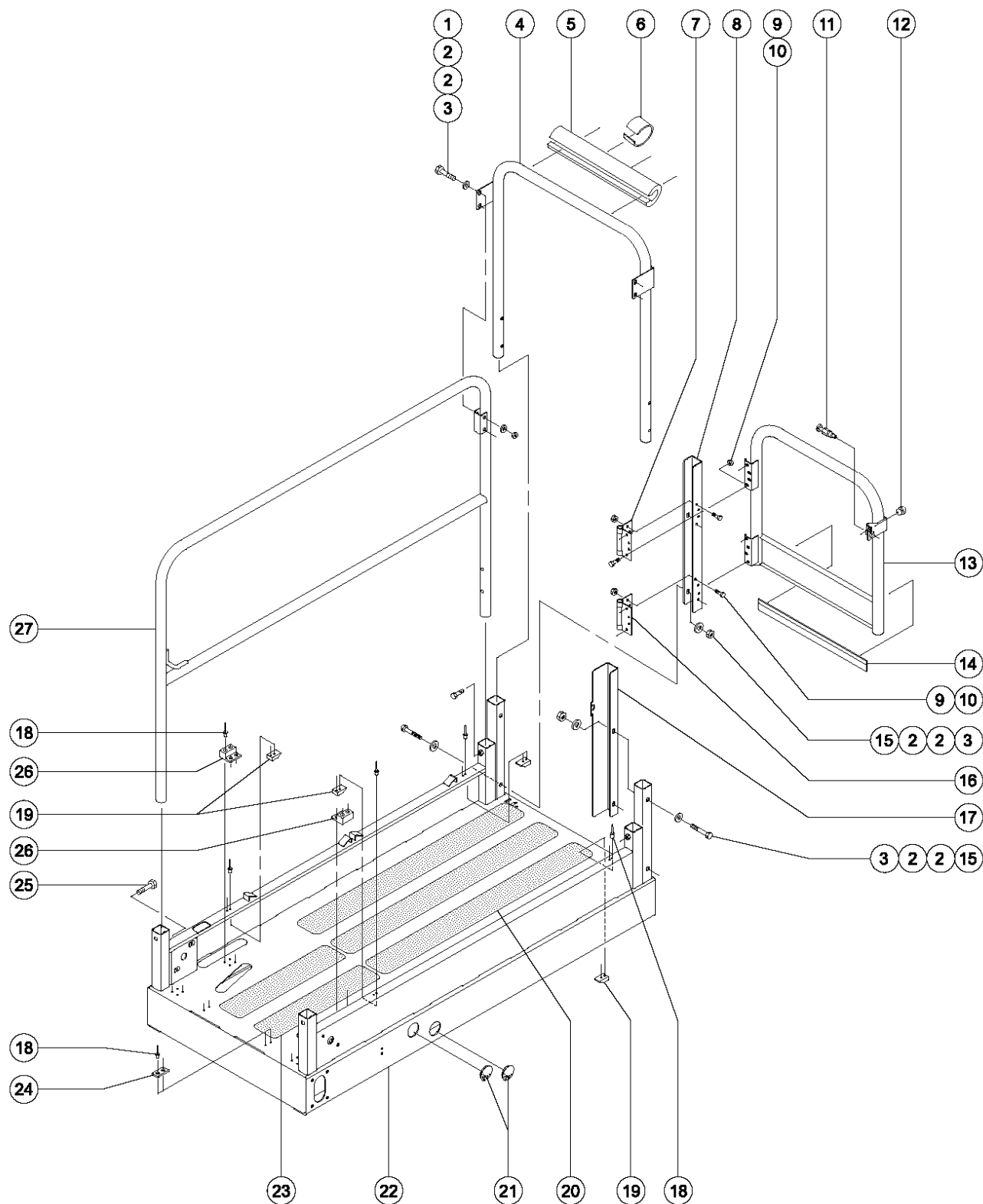
402.2 Platform Railings with Entry Chain - Round Tube, GS-1930



402.2 Platform Railings with Entry Chain - Round Tube, GS-1930

Item	Part No.	Description	Qty.
1	39046PGT	WELDMENT,PLATFORM RAILING,30	2
2	39478GT	SCREW,HHC,3/8-16 X 2 FULL THRD	4
3	8178GT	SCREW, HHC, 3/8-16 X 2.5	4
4	6097GT	WASHER, FLAT, USS, 3/8", Y	8
5	4828GT	NUT, NYLOCK, 3/8-16	4
6	39341-SGT	PLATFORM RAIL SNAP PIN BRACKET	2
7	47138GT	PIN,SNAP,ENTRY RAIL	2
8	39342PGT	WELDMENT,PLATFORM GATE 30	1
9	47224GT	TUBING,PVC,1",BLACK***	16 in ch es
10	96163GT	LINK,(SPLIT) OPEN-END	2
11	39509GT	CHAIN,3/16,OPEN LINK 22.5"	1
		(54.6 cm)	
12	39510GT	RIGID EYE SNAP	1
13	47188GT	FOAM,CLOSED CELL 1.75X.250X18"	1
		(3.5 x 0.64 x 46 cm)	
14	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
15	39317GT	STOP PLATFORM ROLLER	4
		(4.14 x 2.5 cm)	
16	47098GT	TAPE,NON-SKID,DIE CUT,4"X 40"	4
		(10.2 x 101.6 cm)	
17	45840GT	PLUG,NYLON 2.00 BLACK DOMED	2
		(5.1 cm)	
18B	44741GT	PLAT. ASSY.W/DECALS GS-1930	1
		(ANSI, CSA) (includes items 16, 2 each, items 17, 20, 4 each, items 15 and 21, 28 each, item 22)	
18C		PLAT.ASY.W/DECALS(GS-1930)CE	1
		(includes items 16, 2 each, items 17, 20, 4 each, items 15 and 21, 28 each, item 22)	
19	47231GT	TAPE,NON-SKID,DIE CUT,4"X 16"	2
		(10.2 x 40.6 cm)	
20	39474GT	WEAR PAD, PLATFORM	2
		(5.1 x 2.5 x 0.64 cm)	
21	39310GT	WEAR/GUIDE PAD MAIN PLATFORM	4
22	T113787GT	RIVET,ALUM,STL.,188 X .250	30

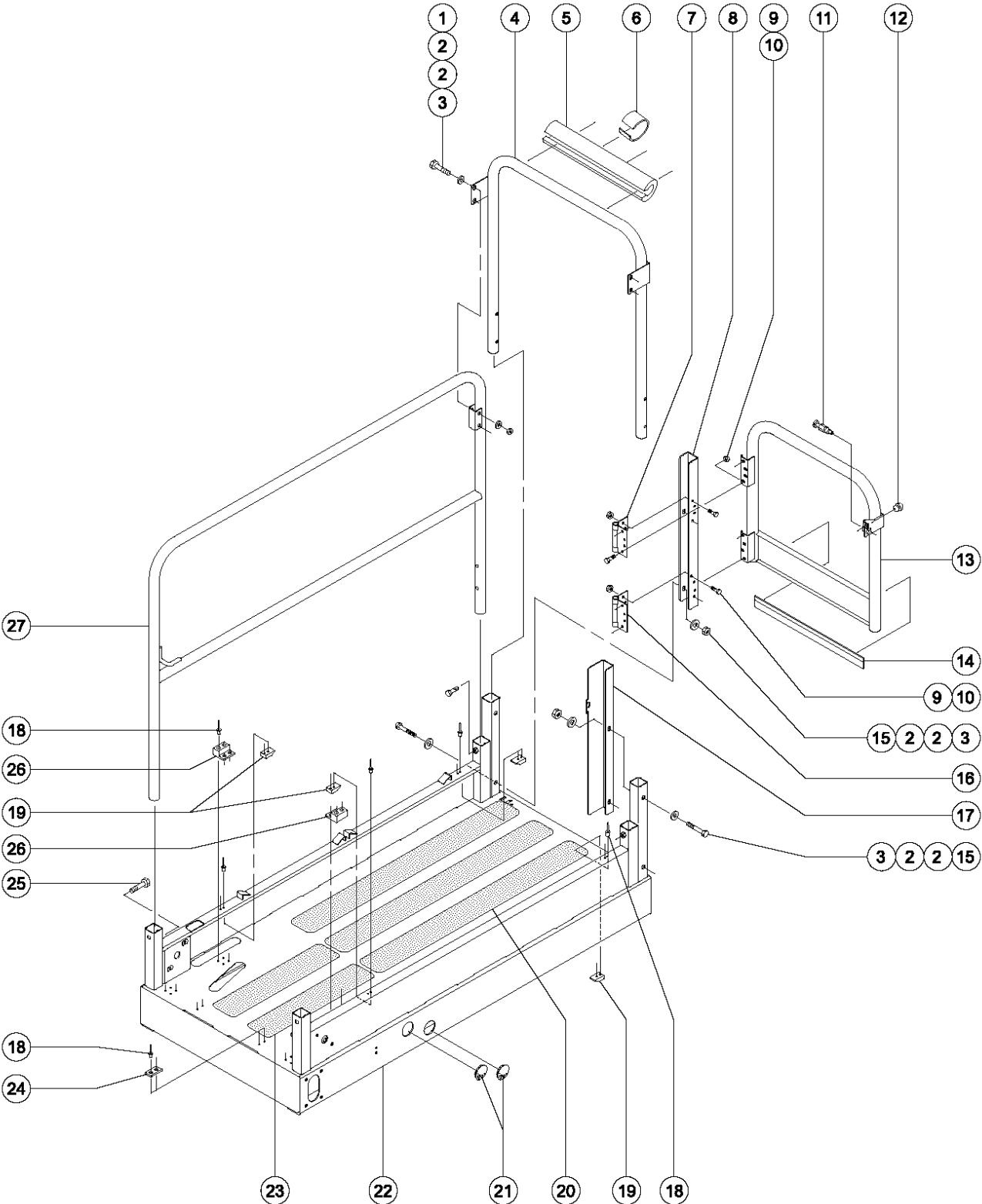
403.1 Platform Railings with Entry Gate - Round Tube



403.1 Platform Railings with Entry Gate - Round Tube

Item	Part No.	Description	Qty.
	46978GT	SWING GATE-INSTALL KIT-GS15/1930 round tube	
1	6708GT	SCREW,HHC,3/8-16 X 2.25	4
2	6097GT	WASHER, FLAT, USS, 3/8", Y	16
3	4828GT	NUT, NYLOCK, 3/8-16	8
4	47370GT	WELDMENT,ENTRY RAIL 30 (ANSI, CSA)	1
5	47188GT	FOAM,CLOSED CELL 1.75X.250X18" (3.5 x 0.64 x 46 cm)	1
6	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
7	47524GT	HINGE,CLOSING (SPRING) 4 X 4	1
8	47148-SGT	BRACKET,HINGE MOUNTING,PAINTED	1
9	6091GT	NUT, NYLOCK, 1/4-20	12
10	6090GT	SCREW, HHC, 1/4-20 X .75	12
11	47138GT	PIN,SNAP,ENTRY RAIL	1
12	47785GT	BUMPER,RUBBER,.63 X .63H (from SN 2394)	1
13	39603GT	WELDMENT,SWING GATE 30	1
13A		WELDMENT,FULL SWING GATE CE (no longer available)	1
14	1334463GT	WEATHERSTRIP, SWING GATE, 36" LENGTH 36 inches, Replaces 47598GT	1 in ch es
15	14033GT	SCREW, HHC, 3/8-16 X 2.75	4
16	47523GT	HINGE,4 X 4	1
17	39608GT	BRACKET,LATCH SUPPORT	1
18	T113787GT	RIVET,ALUM,STL,.188 X .250	24
19	39317GT	STOP PLATFORM ROLLER (4.14 x 2.5 cm)	4
20	47098GT	TAPE,NON-SKID,DIE CUT,4"X 40" (10.2 x 101.6 cm)	4
21	45840GT	PLUG,NYLON 2.00 BLACK DOMED (5.1 cm)	2
22		Ref Platform Assembly (refer to Figure 405.1)	2
23	47231GT	TAPE,NON-SKID,DIE CUT,4"X 16" (10.2 x 40.6 cm)	2
24	39474GT	WEAR PAD, PLATFORM (5.1 x 2.5 x 0.64 cm)	2
25	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4

403.1 Platform Railings with Entry Gate - Round Tube

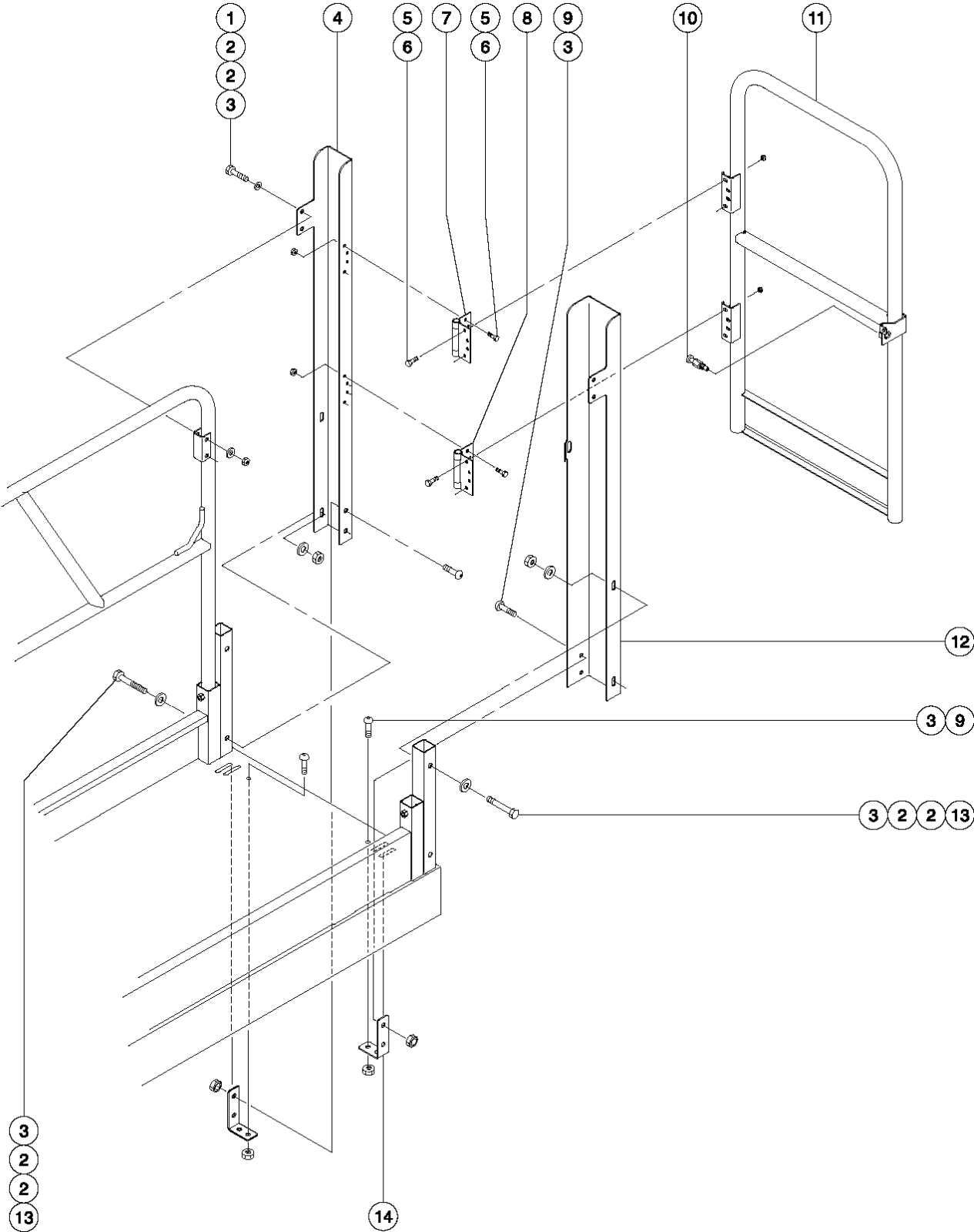


403.1 Platform Railings with Entry Gate - Round Tube

Item	Part No.	Description	Qty.
26	39310GT	WEAR/GUIDE PAD MAIN PLATFORM (5.08 x 5.03 x 2.54 cm)	4
27	39046PGT	WELDMENT,PLATFORM RAILING,30	2



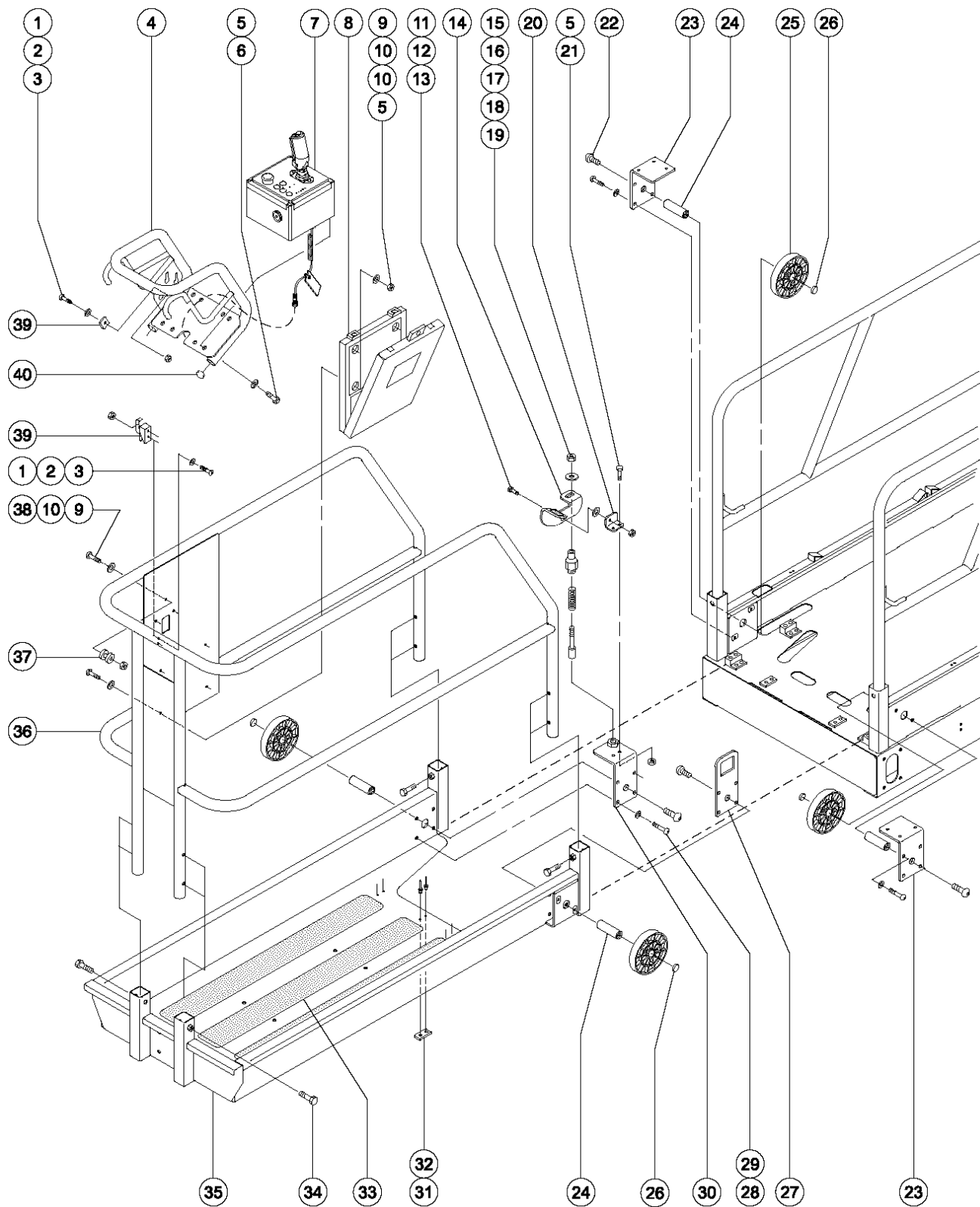
404.1 Platform Entry Gate Installation - Round Tube



404.1 Platform Entry Gate Installation - Round Tube

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	8178GT	SCREW, HHC, 3/8-16 X 2.5	4
2	6097GT	WASHER, FLAT, USS, 3/8", Y	12
3	4828GT	NUT, NYLOCK, 3/8-16	14
4	51320-SGT	FORMING,FULL SWING HINGE ANSI (ANSI)	1
4A	51325GT	FORMING,FULL SWING HINGE CE (CE)	1
5	6090GT	SCREW, HHC, 1/4-20 X .75	8
6	6091GT	NUT, NYLOCK, 1/4-20	8
7	47524GT	HINGE,CLOSING (SPRING) 4 X 4	1
8	47523GT	HINGE,4 X 4	1
9	28487GT	SCREW,BHHS,3/8-16 X 1	6
10	47138GT	PIN,SNAP,ENTRY RAIL	1
11	51314GT	WELDMENT,FULL SWING GATE ANSI (ANSI)	1
11A		WELDMENT,FULL SWING GATE CE (CE) (no longer available)	1
12	51319-SGT	FORMING FULL SWING CATCH ANSI (ANSI)	1
12A	51324GT	FORMING,FULL SWING CATCH CE (CE)	1
13	14033GT	SCREW, HHC, 3/8-16 X 2.75	4
14	66375-SGT	BRACKET, FULL HT SWING GATE	2

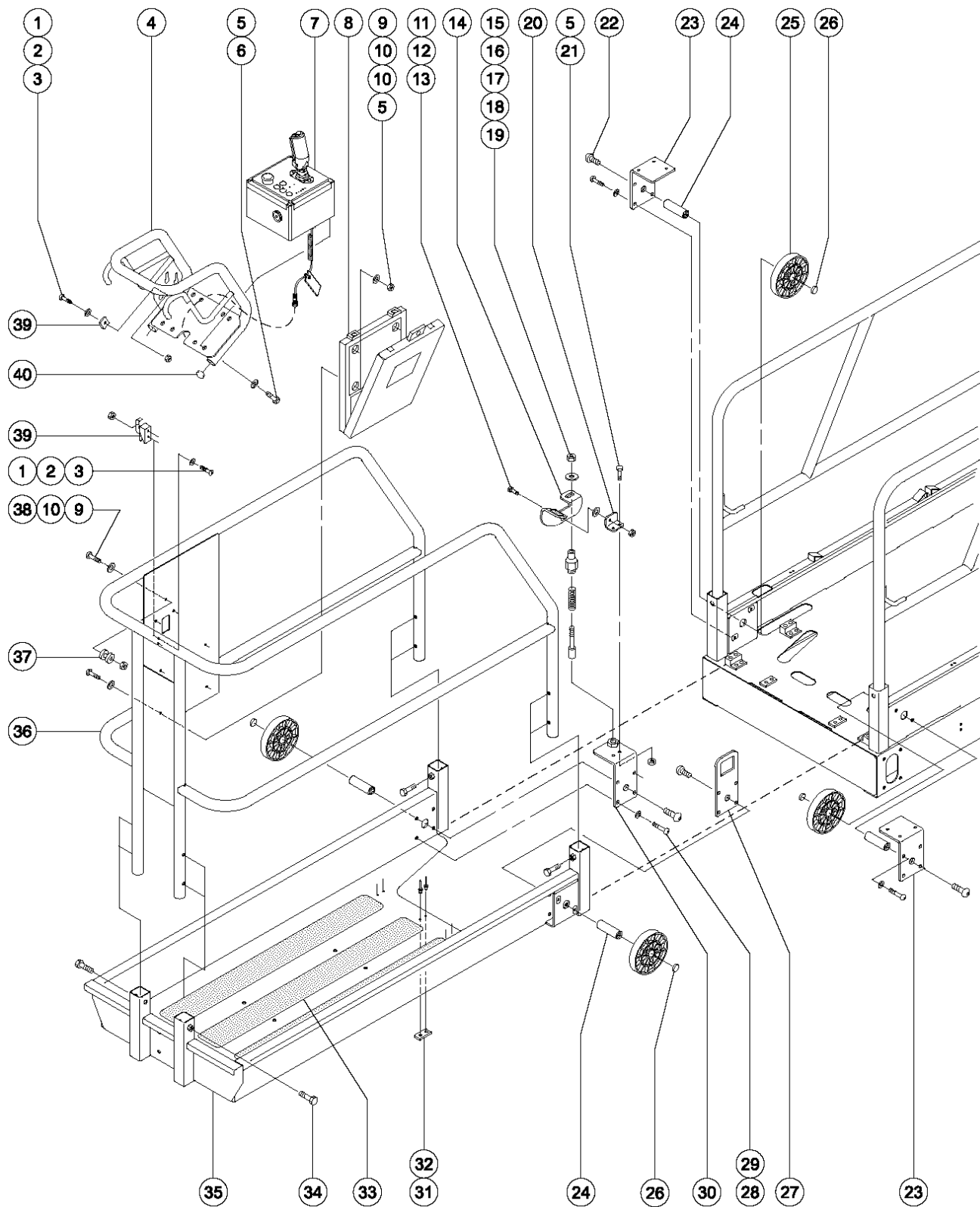
405.1 Platform Extension - Round Tube



405.1 Platform Extension - Round Tube

Item	Part No.	Description	Qty.
1	47363GT	SCREW,RHM,8-32 X .50	3
2	35461GT	WASHER,FLAT,MS,#8,Y	6
3	18605GT	NUT,NYLOCK,8-32	3
4	39796GT	WELDMENT, ALUM,JOYSTICK GUARD	1
5	6090GT	SCREW, HHC, 1/4-20 X .75	10
6	6886GT	WASHER,LOCK, .313	4
7		Ref. Platform Controls (refer to 408.1 , 408.2, 408.3 and 408.4)	4
8	44743GT	MANUAL BOX W/DECALS***	1
9	6091GT	NUT, NYLOCK, 1/4-20	7
10	6638GT	WASHER, FLAT, USS, 1/4"Y	11
11	1259223GT	BOLT,SHS,3/8X.375X5/16-18,ZAG	1
12	47222GT	WASHER, SHOULDER, NYLON	1
13	6002GT	NUT, LP NYLOCK, 5/16-18	1
14	46260GT	FOOTPEDAL W/NON-SKID TAPE,GS**	1
14-	47225GT	TAPE, NON-SKID, DIE CUT, 1.38 X 1.5	1
15	7713GT	NUT, LP NYLOCK, 3/8-16	1
16	6097GT	WASHER, FLAT, USS, 3/8", Y	1
17	41630GT	HOUSING, LOCK PIN	1
18	39469GT	SPRING, COMPRESSION .485 X 1.75**	1
19	39470GT	PIN, LOCK	1
20	47167PGT	BRACKET,FOOT PEDAL SUPPORT	1
21	6889GT	NUT,LP NYLOCK,1/4-20	2
22	51692GT	SCREW,BHSC,5/8-11 X 1	4
23	65167GT	BRACKET ASSY-ROLLER, PLTFRM*** (includes items 22, 24 and 26)	2
24	51367GT	PIN, THREADED ROLLER	4
25	47163GT	ROLLER, PLATFORM EXTENSION	4
26	21279GT	BUTTON, .800 O.D. X .281	4
27	51290GT	PLATFORM LANYARD (includes items 22, 24 and 26)	1

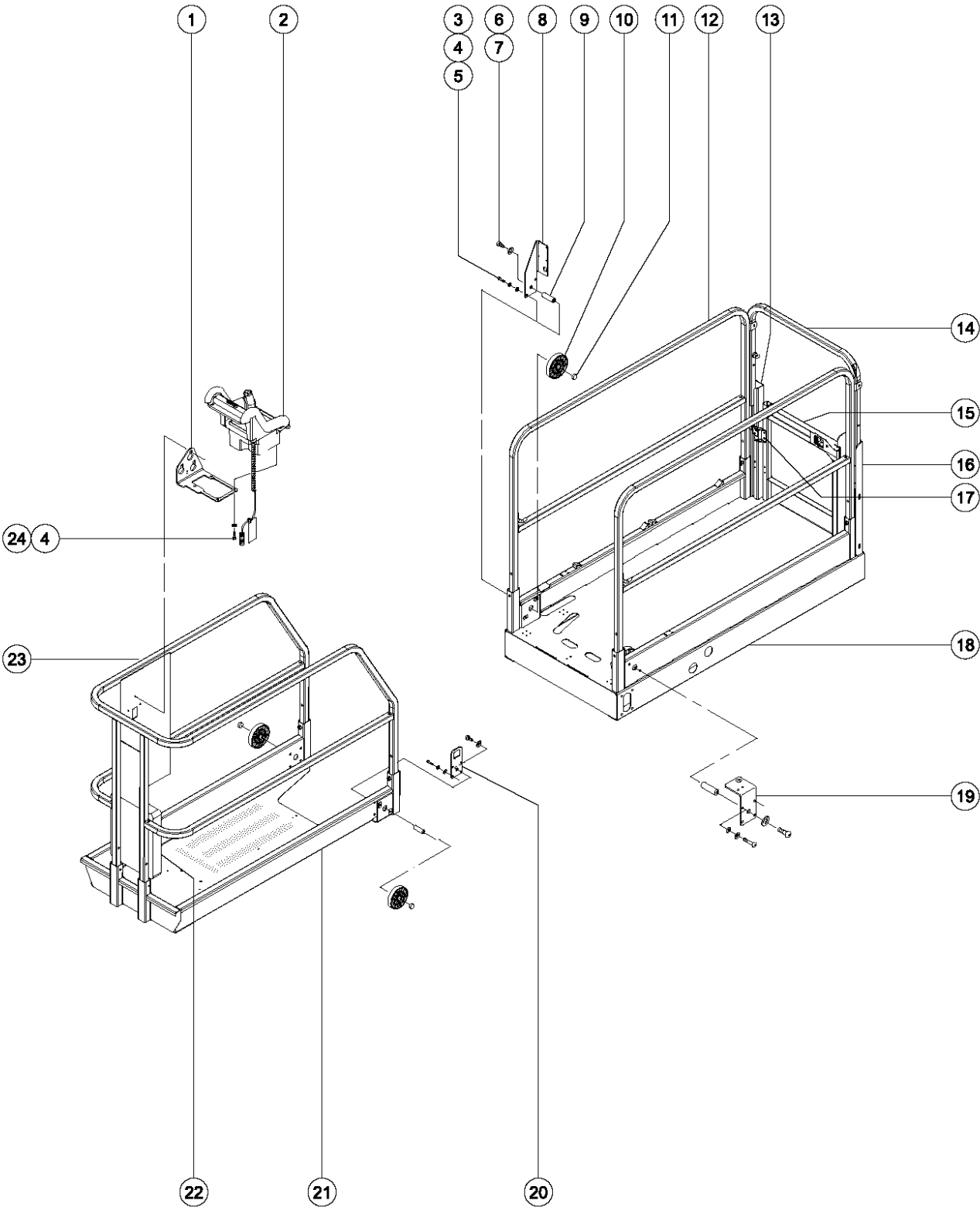
405.1 Platform Extension - Round Tube



405.1 Platform Extension - Round Tube

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
28	39429GT	SCREW,BHHS,3/8-16 X 1.75	8
29	6021GT	WASHER, LOCK, .375	8
30	96413GT	WLDMT,LOCKING ROLLER SUPPORT	1
31	39474GT	WEAR PAD, PLATFORM	3
32	T113787GT	RIVET,ALUM,STL,.188 X .250	6
33	47374GT	TAPE,NON-SKID,DIE CUT,4"X 32"	3
34	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
35	44745GT	PLAT. EXTENSION ASSY.W/NONSKI (includes items 31, 32 and 33)	1
36	44744GT	PLAT.EXT. RAILING ASSY.W/DECLS (includes 4 each, items 5 and 8-10)	1
37	66866GT	BUTTON,JOYSTICK MOUNT,BRASS***	3
38	11968GT	SCREW,BHHS,1/4-20 X 1	3
39	47218GT	DRAW LATCH,OVER-CENTER***	1
40	47389GT	PLUG,ROUND TUBING,1"	2

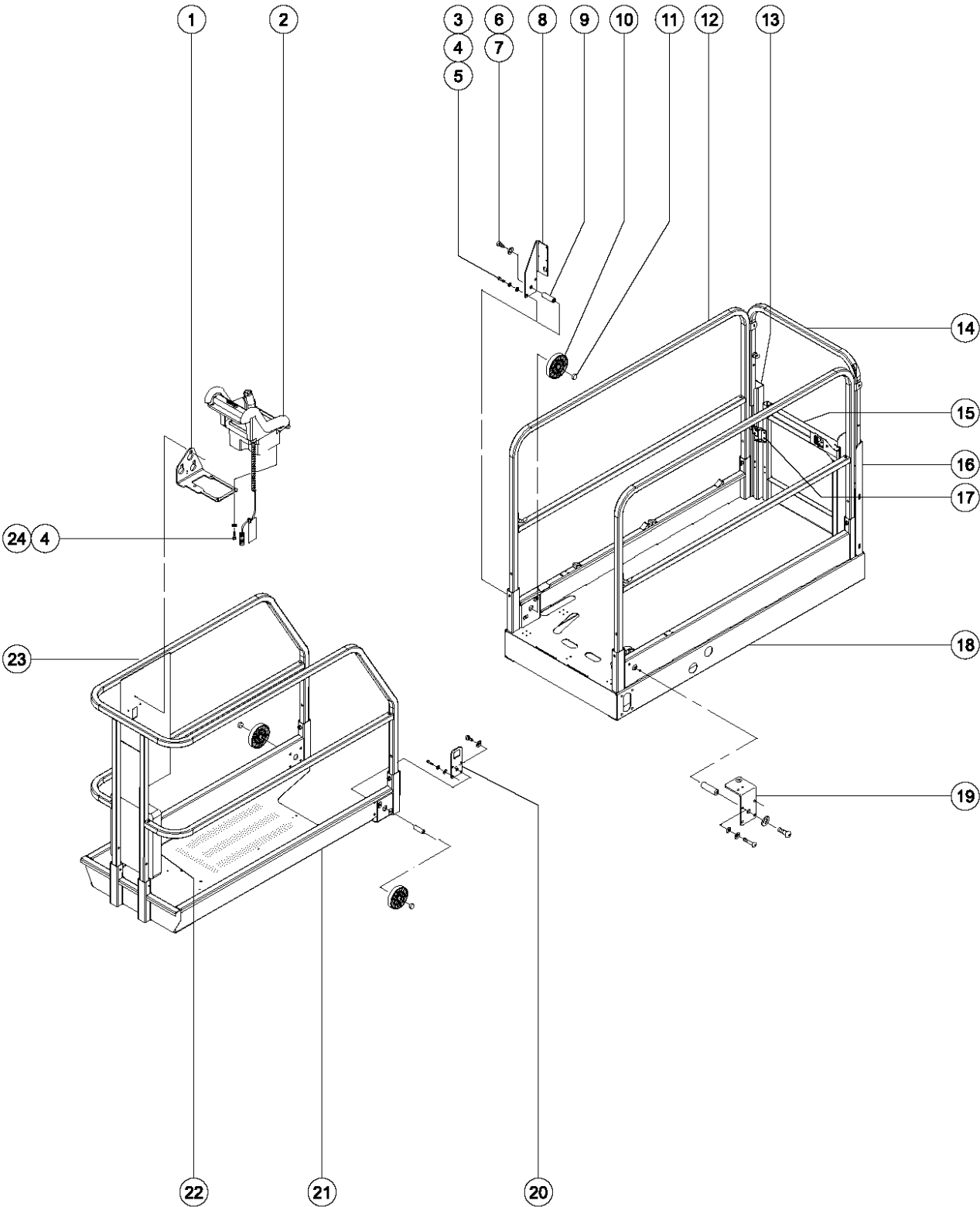
406.1 Platform Railings and Platform Extension - Square Tube, GS-1530



406.1 Platform Railings and Platform Extension - Square Tube, GS-1530

Item	Part No.	Description	Qty.
1	66685GT	BRACKET, PLAT CONTROL BOX SLAB	1
2		Ref. Platform Controls (refer to Figure 408.4 or 409.3)	1
3	5224GT	SCREW, HHC, 3/8-16 X 2	8
4	6021GT	WASHER, LOCK, .375	12
5	5397GT	WASHER, FLAT, 5/16, USS, ZAG	8
6	51692GT	SCREW, BHSC, 5/8-11 X 1	4
7	6036GT	WASHER, LOCK, .625 PLTD	4
8	96247GT	WELDMENT, ROLLER BRACKET, RT*** (ground controls side)	1
9	96199GT	PIN, ROLLER	4
10	47163GT	ROLLER, PLATFORM EXTENSION	4
11	21279GT	BUTTON, .800 O.D. X .281 (20.3 mm)	4
12	97034GT	GS30 RIDGID MAIN SIDE SQ RAIL	2
13	66883GT	FORMING, HALF GATE HINGE	1
14	66949GT	WELDMENT, CHAIN ENTRY GATE (shown)	1
14A	97280GT	CHAIN GATE KIT, GS30	1
15	66551GT	WELDMENT, HALF GATE	1
15-	65990-SGT	KIT, GATE LATCH includes 22446, 5224, 4828, and 66544, listed below	1
15-	22446GT	SPRING, COMPRESSION .835 X 2 for 65990-S	1
15-	5224GT	SCREW, HHC, 3/8-16 X 2 for 65990-S	1
15-	4828GT	NUT, NYLOCK, 3/8-16 for 65990-S	1
15-	66544GT	LATCH HANDLE for 65990-S	
16	78107GT	FORMING, HALF GATE CATCH	1
17	104804GT	HINGE, SPRING, LONG LEG (includes mounting fasteners)	2
17-	6091GT	NUT, NYLOCK, 1/4-20	2
17-	6638GT	WASHER, FLAT, USS, 1/4"Y	2
17-	6637GT	SCREW, HHC, 1/4-20 X 1.75	2
18	97036GT	GS30 MAIN DECK ASSY, 1530 ANSI (CSA)	1
18A	97038GT	GS30 MAIN DECK ASSY, 1530 CE	1

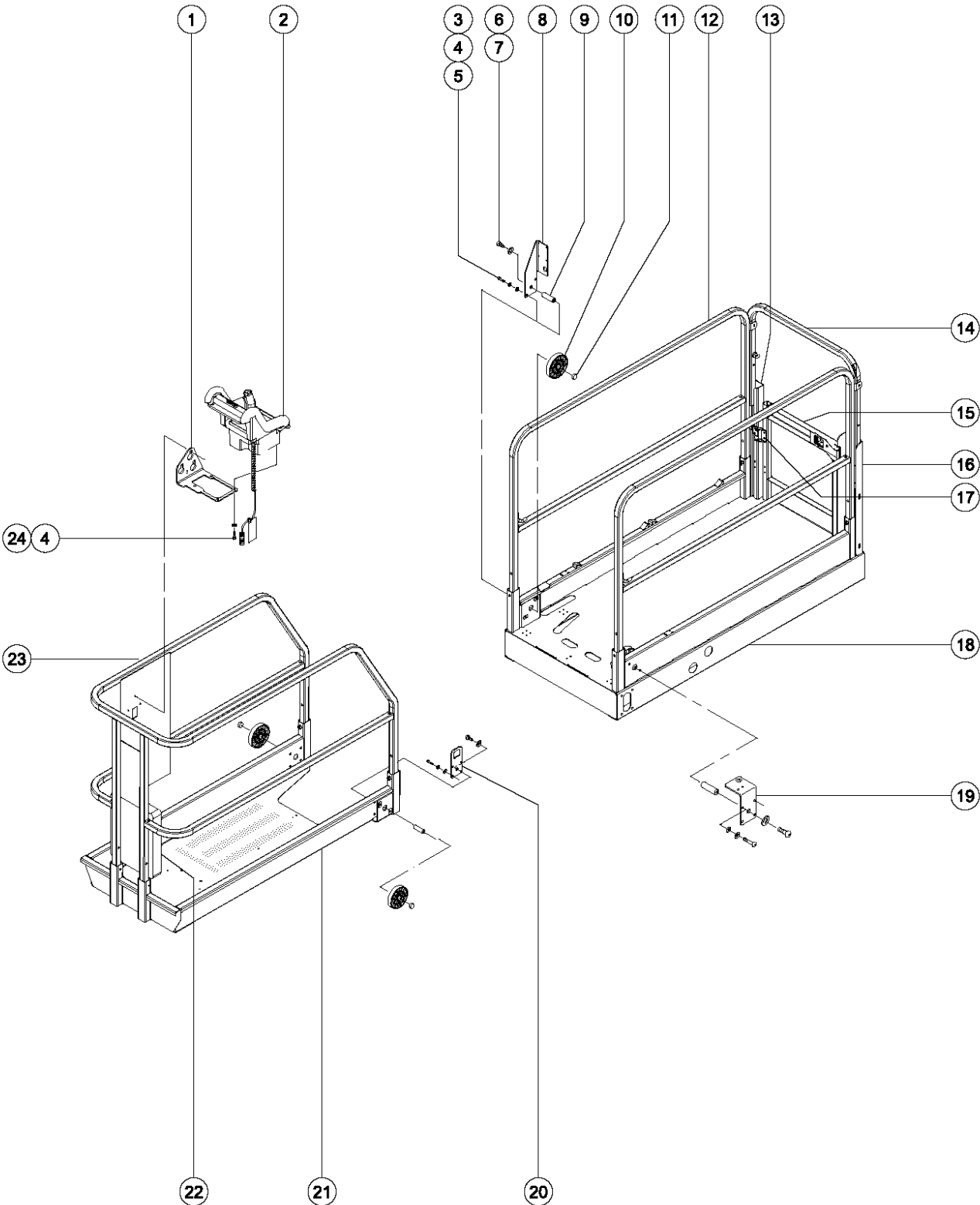
406.1 Platform Railings and Platform Extension - Square Tube, GS-1530



406.1 Platform Railings and Platform Extension - Square Tube, GS-1530

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
19	96246GT	WELDMENT,ROLLER BRACKET,LT*** (battery pack side)	1
20	51290GT	PLATFORM LANYARD (battery pack side)	1
21	97037GT	GS30 EXT. DECK ASSY SQ RAIL	1
21-	39474GT	WEAR PAD, PLATFORM (5.1 x 2.5 x 0.64 cm)	1
21-	T113787GT	RIVET,ALUM,STL, .188 X .250	1
21-	47098GT	TAPE, NON-SKID, DIE CUT, 4"X 40" (10.16 x 101.6 cm)	1
21-	66951GT	WELDMENT, EXT. PLATFORM	1
22	44743GT	MANUAL BOX W/DECALS***	1
22-	6090GT	SCREW, HHC, 1/4-20 X .75	4
22-	6638GT	WASHER, FLAT, USS, 1/4"Y	4
22-	6091GT	NUT, NYLOCK, 1/4-20	7
23	97035GT	GS30 RIDGID EXT. SQ RAIL ASSY (includes item 22)	1
24	8255GT	SCREW,HHC,3/8-16 X .75	4

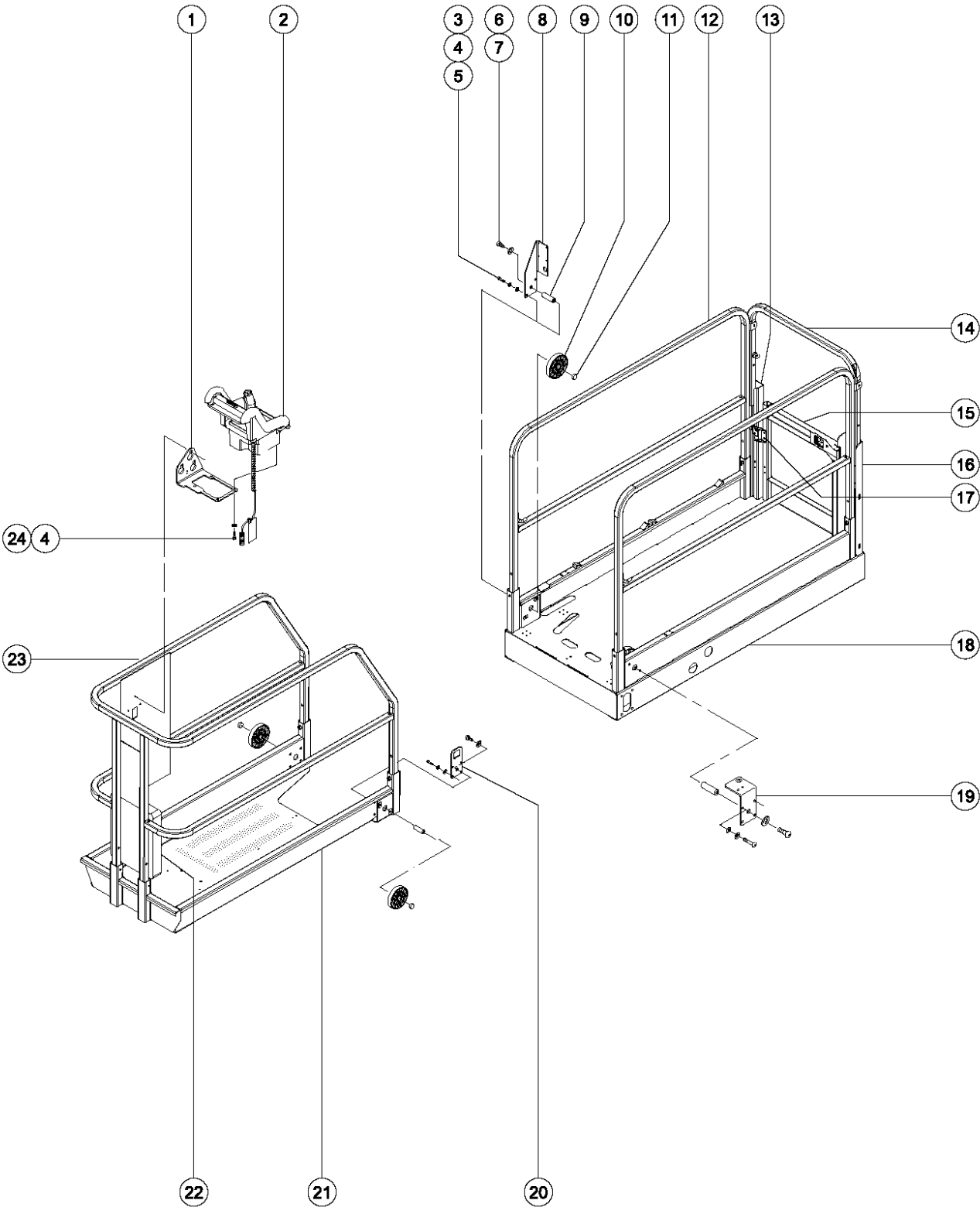
406.2 Platform Railings and Platform Extension - Square Tube, GS-1930



406.2 Platform Railings and Platform Extension - Square Tube, GS-1930

Item	Part No.	Description	Qty.
1	66685GT	BRACKET, PLAT CONTROL BOX SLAB	1
2		Ref. Platform Controls (refer to Figure 408.4 or 409.3)	1
3	5224GT	SCREW, HHC, 3/8-16 X 2	8
4	6021GT	WASHER, LOCK, .375	12
5	5397GT	WASHER, FLAT, 5/16, USS, ZAG	8
6	51692GT	SCREW, BHSC, 5/8-11 X 1	4
7	6036GT	WASHER, LOCK, .625 PLTD	4
8	96247GT	WELDMENT, ROLLER BRACKET, RT*** (ground controls side)	1
9	96199GT	PIN, ROLLER	4
10	47163GT	ROLLER, PLATFORM EXTENSION	4
11	21279GT	BUTTON, .800 O.D. X .281 (20.3 mm)	4
12	97034GT	GS30 RIDGID MAIN SIDE SQ RAIL	2
13	66883GT	FORMING, HALF GATE HINGE	1
14	66949GT	WELDMENT, CHAIN ENTRY GATE (shown)	1
14A	97280GT	CHAIN GATE KIT, GS30	1
15	66551GT	WELDMENT, HALF GATE	1
15-	65990-SGT	KIT, GATE LATCH	1
15-	22446GT	SPRING, COMPRESSION .835 X 2	1
15-	5224GT	SCREW, HHC, 3/8-16 X 2	1
15-	4828GT	NUT, NYLOCK, 3/8-16	1
16	78107GT	FORMING, HALF GATE CATCH	1
17	104804GT	HINGE, SPRING, LONG LEG (includes mounting fasteners)	2
17-	6091GT	NUT, NYLOCK, 1/4-20	2
17-	6638GT	WASHER, FLAT, USS, 1/4"Y	2
17-	6637GT	SCREW, HHC, 1/4-20 X 1.75	2
18B	97039GT	GS30 MAIN DECK ASSY, 1930 ANSI (and CSA)	1
18C	97040GT	GS30 MAIN DECK ASSY, 1930 CE	1
19	96246GT	WELDMENT, ROLLER BRACKET, LT*** (battery pack side)	1

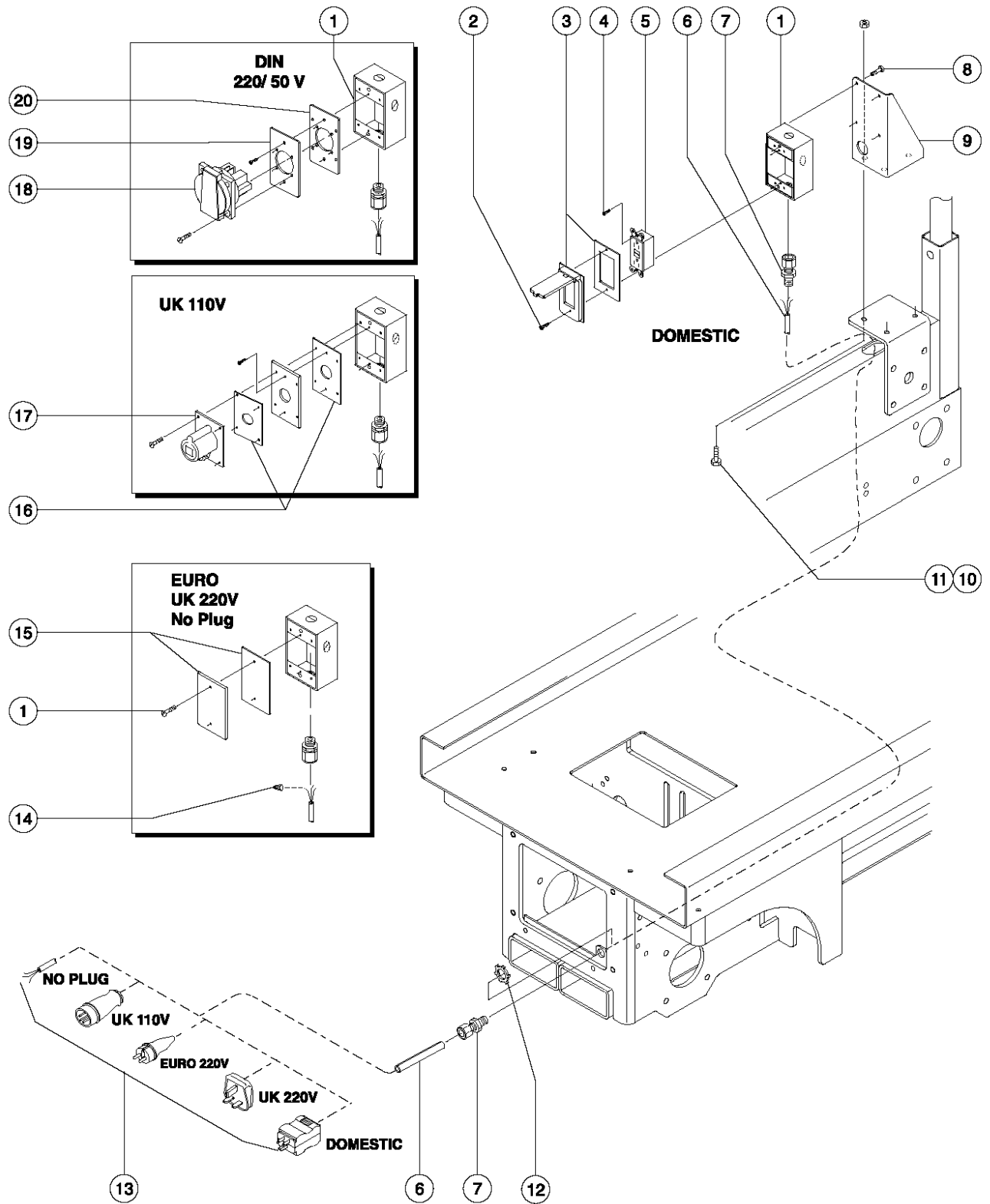
406.2 Platform Railings and Platform Extension - Square Tube, GS-1930



406.2 Platform Railings and Platform Extension - Square Tube, GS-1930

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
20	51290GT	PLATFORM LANYARD (battery pack side)	1
21	97037GT	GS30 EXT. DECK ASSY SQ RAIL	1
21-	39474GT	WEAR PAD, PLATFORM (5.1 x 2.5 x 0.64 cm)	1
21-	T113787GT	RIVET,ALUM,STL, .188 X .250	1
21-	47098GT	TAPE,NON-SKID,DIE CUT,4"X 40" (10.16 x 101.6 cm)	1
21-	66951GT	WELDMENT, EXT. PLATFORM	1
22	44743GT	MANUAL BOX W/DECALS***	1
22-	6090GT	SCREW, HHC, 1/4-20 X .75	4
22-	6638GT	WASHER, FLAT, USS, 1/4"Y	4
22-	6091GT	NUT, NYLOCK, 1/4-20	7
23	97035GT	GS30 RIDGID EXT. SQ RAIL ASSY (includes item 22)	1
24	8255GT	SCREW,HHC,3/8-16 X .75	4

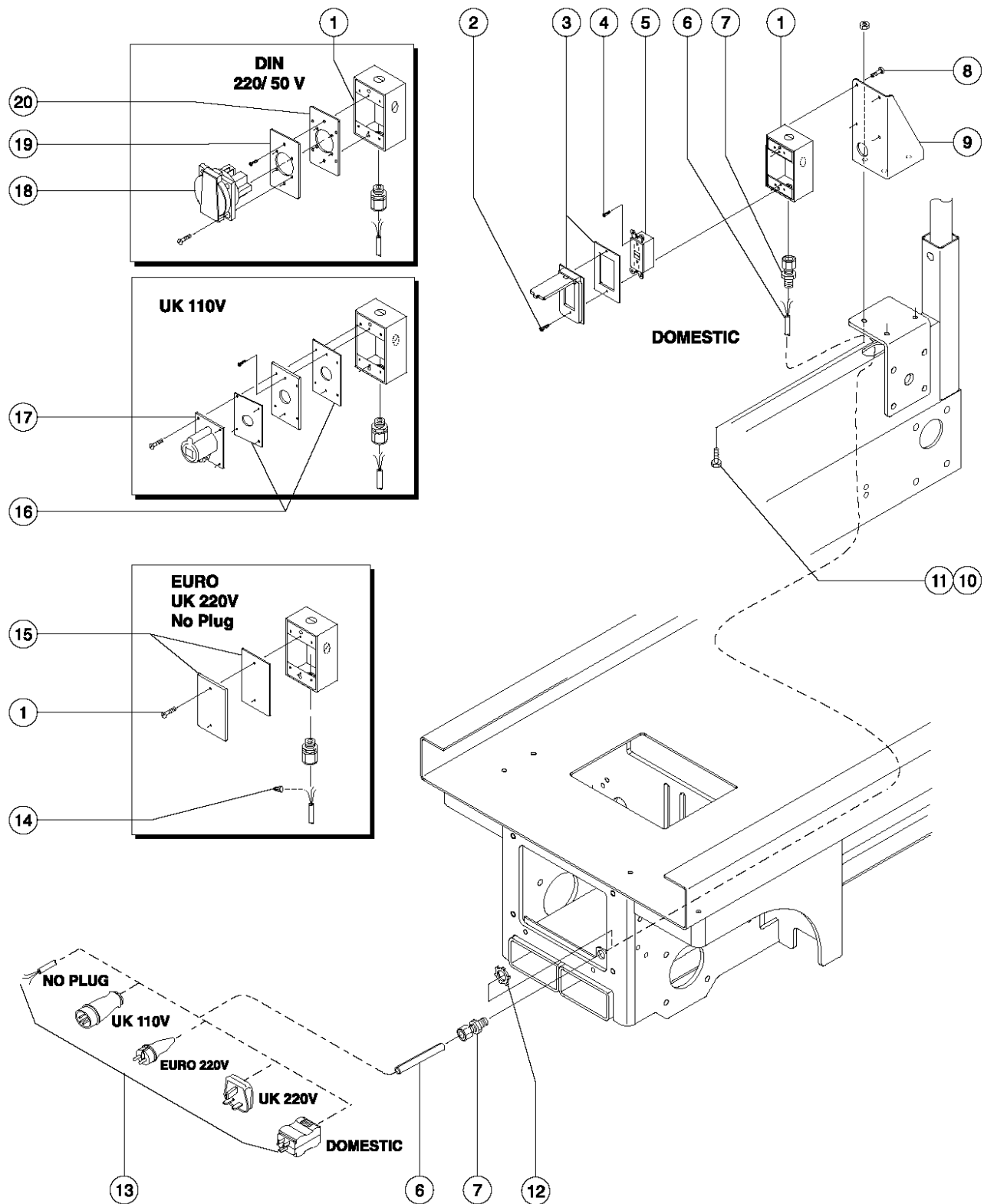
407.1 Power to Platform, GS-1530



407.1 Power to Platform, GS-1530

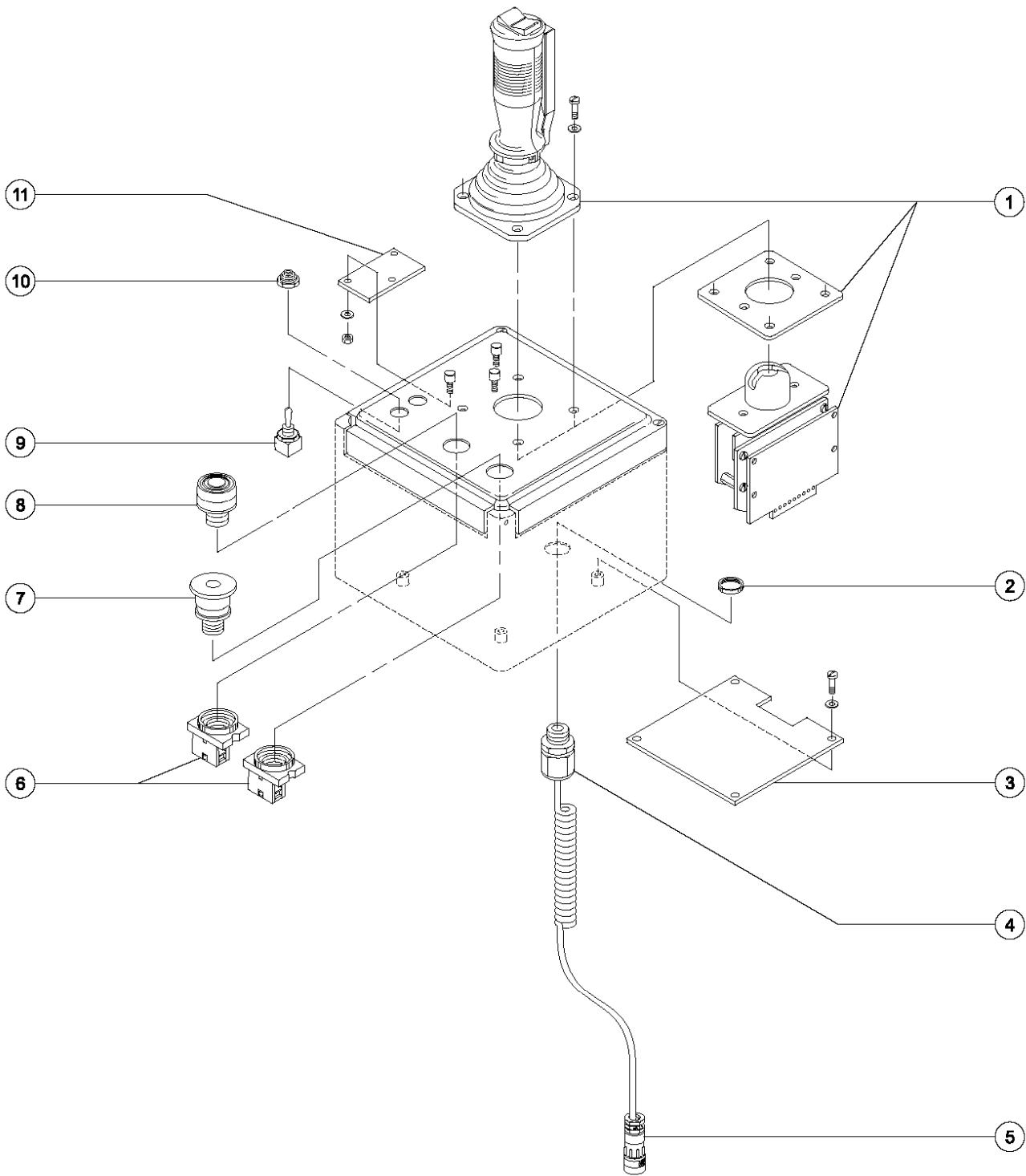
Item	Part No.	Description	Qty.
1	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
2	7127GT	SCREW,PHILLIPS,PHM,6-32 X .75	2
3	45437GT	COVER,GFCI,WEATHERPROOF (North America) (includes gasket and mounting fasteners)	1
4	45546GT	SCREW,RHM,6-32 X .5	4
5	13585GT	OUTLET, 110V (North America)	1
6	6918GT	WIRE CABLE,16/3 SJO,BULK GS-1530	264 in ch es
7	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM (12.7 mm)	2
8	33759GT	SCREW,PHILLIPS,PHM,8-32X.375	4
9	96247GT	WELDMENT,ROLLER BRACKET,RT***	1
10	6090GT	SCREW, HHC, 1/4-20 X .75	3
11	6091GT	NUT, NYLOCK, 1/4-20	3
12	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
13	6595GT	PLUG,ELECTRICAL,DOMESTIC	1
13A	144161GT	SCREW,HHF,1/4-20X.75,8,ZAG	1
13B	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	1
13C	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	1
13D		Ref. No Plug - Consult Factory	1
14	6626GT	WIRE CAP,ORANGE	3
15	10777GT	COVER, BLANK	1
16	33724GT	KIT,GASKET,UK POWER TO PLAT (includes one each p/n 66355 and 66356)	1
16-	66355GT	GASKET, UK & DIN PWR. TO PLAT 4.6 x 2.9 inches	
16-	66346GT	GASKET, UK RECEPTACLE 2.9 x 2.9 inches	
17	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT	1
18	66353GT	NUT,1/4-20,8,ZAG	1
19	96236GT	PLATE,AC ADAPTER,DIN/UK***	1
20	33724GT	KIT,GASKET,UK POWER TO PLAT	1

407.2 Power to Platform, GS-1930



Item	Part No.	Description	Qty.
1	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
2	7127GT	SCREW,PHILLIPS,PHM,6-32 X .75	2
3	45437GT	COVER,GFCI,WEATHERPROOF (North America) (includes gasket and mounting fasteners)	1
4	45546GT	SCREW,RHM,6-32 X .5	4
5	13585GT	OUTLET, 110V (North America)	1
6A	6918GT	WIRE CABLE,16/3 SJO,BULK GS-1930	364 in ch es
7	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM (12.7 mm)	2
8	33759GT	SCREW,PHILLIPS,PHM,8-32X.375	4
9	96247GT	WELDMENT,ROLLER BRACKET,RT***	1
10	6090GT	SCREW, HHC, 1/4-20 X .75	3
11	6091GT	NUT, NYLOCK, 1/4-20	3
12	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
13	6595GT	PLUG,ELECTRICAL,DOMESTIC	1
13A	144161GT	SCREW,HHF,1/4-20X.75,8,ZAG	1
13B	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	1
13C	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	1
13D		Ref. No Plug - Consult Factory	1
14	6626GT	WIRE CAP,ORANGE	3
15	10777GT	COVER, BLANK	1
16	33724GT	KIT,GASKET,UK POWER TO PLAT (includes one each p/n 66355 and 66356)	1
16-	66355GT	GASKET, UK & DIN PWR. TO PLAT 4.6 x 2.9 inches	
16-	66356GT	GASKET, UK RECEPTACLE 2.9 x 2.9 inches	
17	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT	1
18	66353GT	NUT,1/4-20,8,ZAG	1
19	96236GT	PLATE,AC ADAPTER,DIN/UK***	1
20	33724GT	KIT,GASKET,UK POWER TO PLAT	1

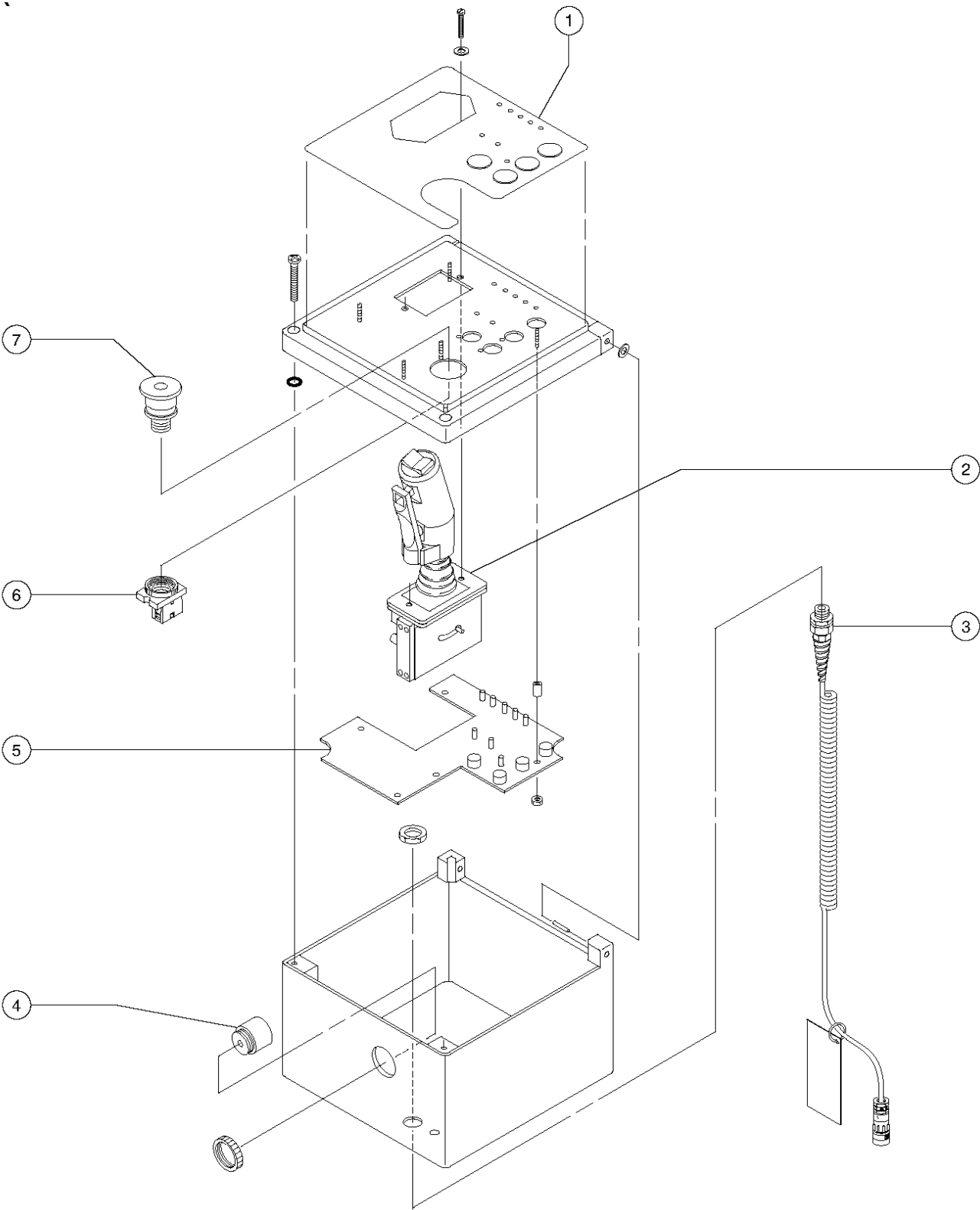
408.1 Platform Controls (to serial number 17407)



408.1 Platform Controls (to serial number 17407)

Item	Part No.	Description	Qty.
	65298GT	PLATFRM CNTRLs W/DECALS GS30	
	58914GT	BOX, GRAY SCISSOR CONTROLLERS	
		KIT, CONTROL BOX UPDATE, GS30 (this kit upgrades units from Gen 1 thru 3 to Gen 4) obsolete, see 105295 for upgrade to Gen 5	
	105295GT	KIT, GEN1 TO GEN5 CONTRL SYS*** (this kit upgrades units from Gen 1 thru 4 to Gen 5)	
1		Ref. Joystick Controller	
		(refer to Figure 409.1)	
2	46267GT	NUT-STRAIN RELIEF-GS JOYSTICK~	1
3	105295GT	KIT, GEN1 TO GEN5 CONTRL SYS***	1
4	46266GT	STRAIN RELIEF-GS JOYSTICK**~	1
5	46254GT	COIL CORD ASSY, GS JOYSTICK***	1
		(includes connector)	
6		Ref. Base, Switch	2
		(refer to items 7 or 8)	
7	66761GT	SERVICE KIT, E-STOP (to SN 36365) (this is an update kit; the original E-stop button is no longer available from the supplier. Please note, if this kit has already been installed on the unit, refer to the part numbers listed below)	1
7-	66812GT	BUTTON, PUSH, RED MUSHROOM HEAD	
7-	66817GT	E-STOP W/ NC CONTACT	
7-	66818GT	CONTACT, NC	
8	66762GT	SERVICE KIT, E-DOWN 3246 (to SN 36365) (this is an update kit; the original black push button is no longer available from the supplier. Please note, if this kit has already been installed on the unit, refer to the part numbers listed below)	1
8-	66813GT	BUTTON, PUSH, BLACK W/SEAL ***	
8-	66815GT	BASE, W/1 N.O. CONTACTS***	
8-	66816GT	CONTACT, N.O. ***	
9	66410GT	TOGGLE SWITCH, PREWIRED***	1
10	27246GT	BOOT, TOGGLE SWITCH, SHORT*	1
11	46253GT	PCB, ASSY, LED, GS JOYSTICK	1

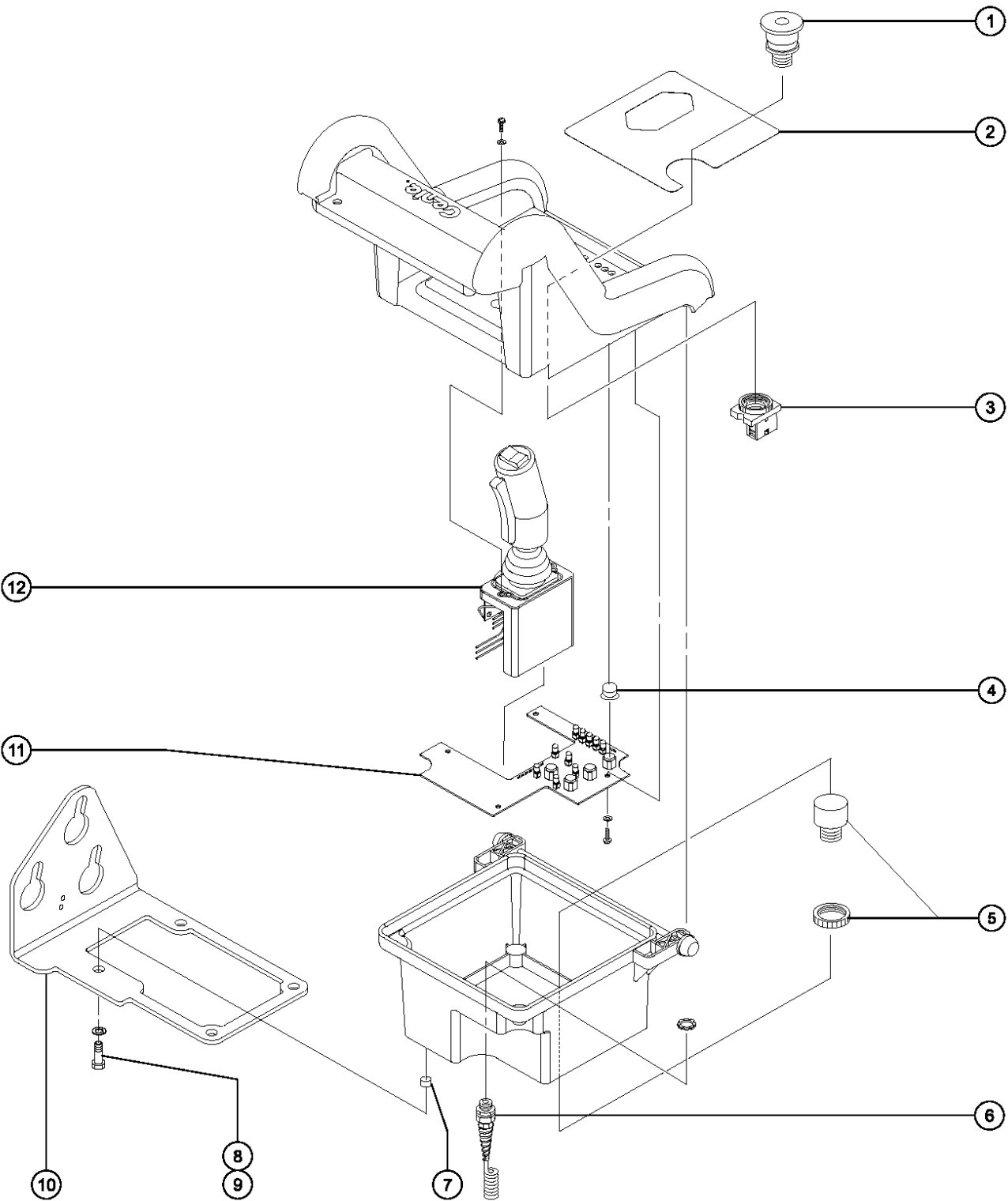
408.2 Platform Controls (from serial number 17408 to 42999)



408.2 Platform Controls (from serial number 17408 to 42999)

Item	Part No.	Description	Qty.
	65298GT	PLATFRM CNTRLs W/DECALS GS30	
1	66157GT	OVERLAY,PLAT CONTROLLER SLAB	1
2		Ref. Joystick Controller	1
		(refer to Figure 409.2)	
3	62223GT	COIL CORD-JOYSTICK, SLABS	1
		(includes connector)	
3-	78314GT	CONNECTOR KIT,ITT CABLE/WIRE	
4	51860GT	ALARM ASSY.12VDC,ITT	1
		Does not include 72326 nut	
4-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
5	66158GT	PC BOARD,PLAT CNTRL,SLAB	1
6		Ref. Base, Push Button	1
		(refer to item 7)	
7	66761GT	SERVICE KIT,E-STOP	1
		(to SN 36365) (this is an update kit; the original E-stop button is no longer available from the supplier. Please note, if this kit has already been installed on the unit, refer to the part numbers listed below)	
7-	66817GT	E-STOP W/ NC CONTACT	
		(contact with base)	
7-	66818GT	CONTACT,NC	

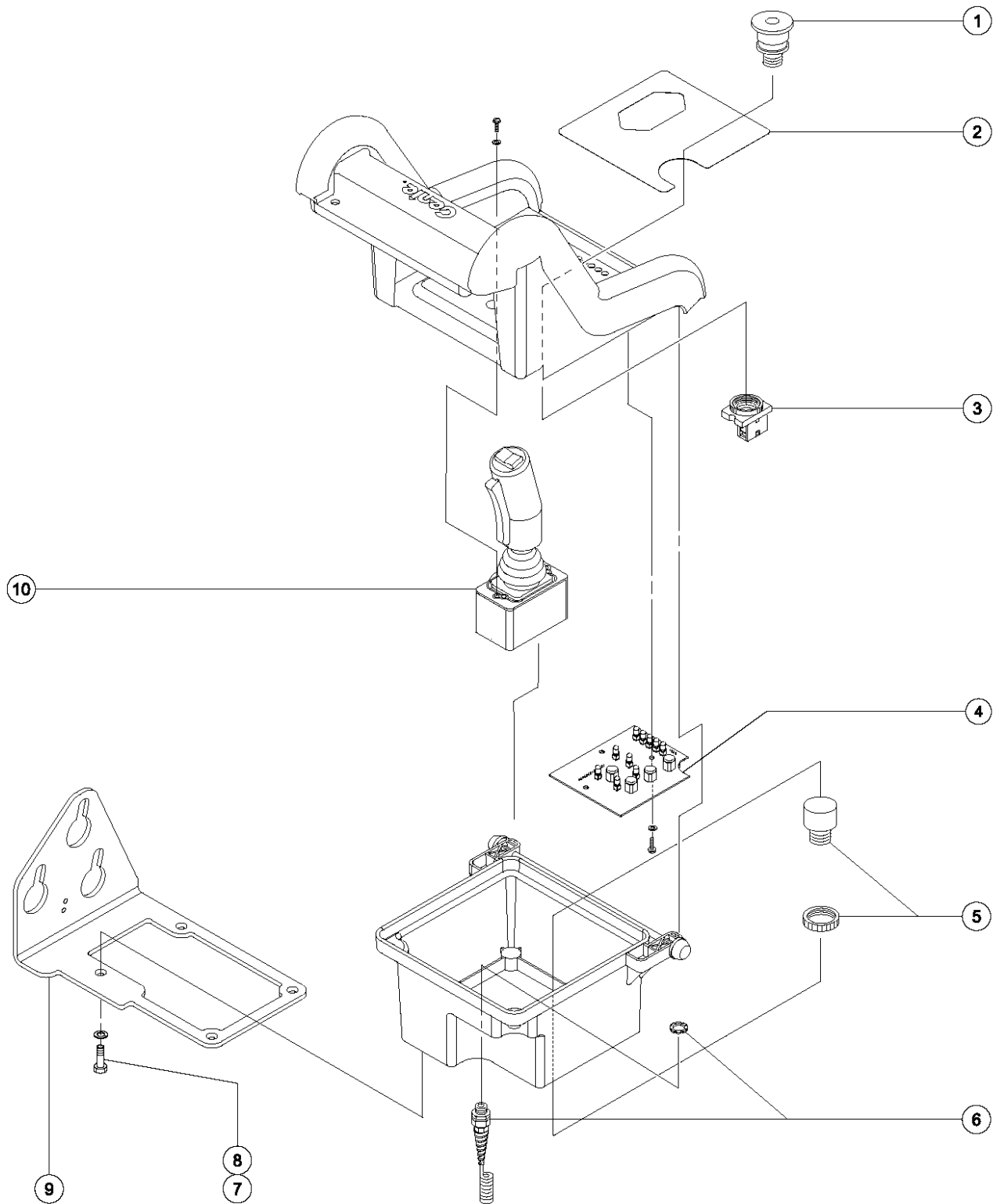
408.3 Platform Controls (from serial number 43000 to 51014)



408.3 Platform Controls (from serial number 43000 to 51014)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
-	1297020GT	CONT BOX,PLAT,G4,DEC,IPCB,MINI	
	78805GT	BOX,MOLDED UPPER CONTROL	
1	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
2		Ref. Decal - Overlay, Platform Controls	1
		(refer to Figure 101.1)	
3	66817GT	E-STOP W/ NC CONTACT	1
3-	66818GT	CONTACT,NC	1
4	72254GT	ACTUATR,SWITCH,UNDER OVERLAY*~	1
5	51860GT	ALARM ASSY.12VDC,ITT	1
		Does not include 72326 nut	
5-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
6	62223GT	COIL CORD-JOYSTICK, SLABS	1
		(includes connector)	
6-	78314GT	CONNECTOR KIT,ITT CABLE/WIRE	
7	66843GT	INSERT, 3/8-16 X .5	1
8	8255GT	SCREW,HHC,3/8-16 X .75	4
9	6021GT	WASHER, LOCK, .375	4
10	66685GT	BRACKET,PLAT CONTROL BOX SLAB	1
11	66158GT	PC BOARD,PLAT CNTRL,SLAB	1
12		Ref. Joystick Controller	1
		(refer to Figure 409.2)	

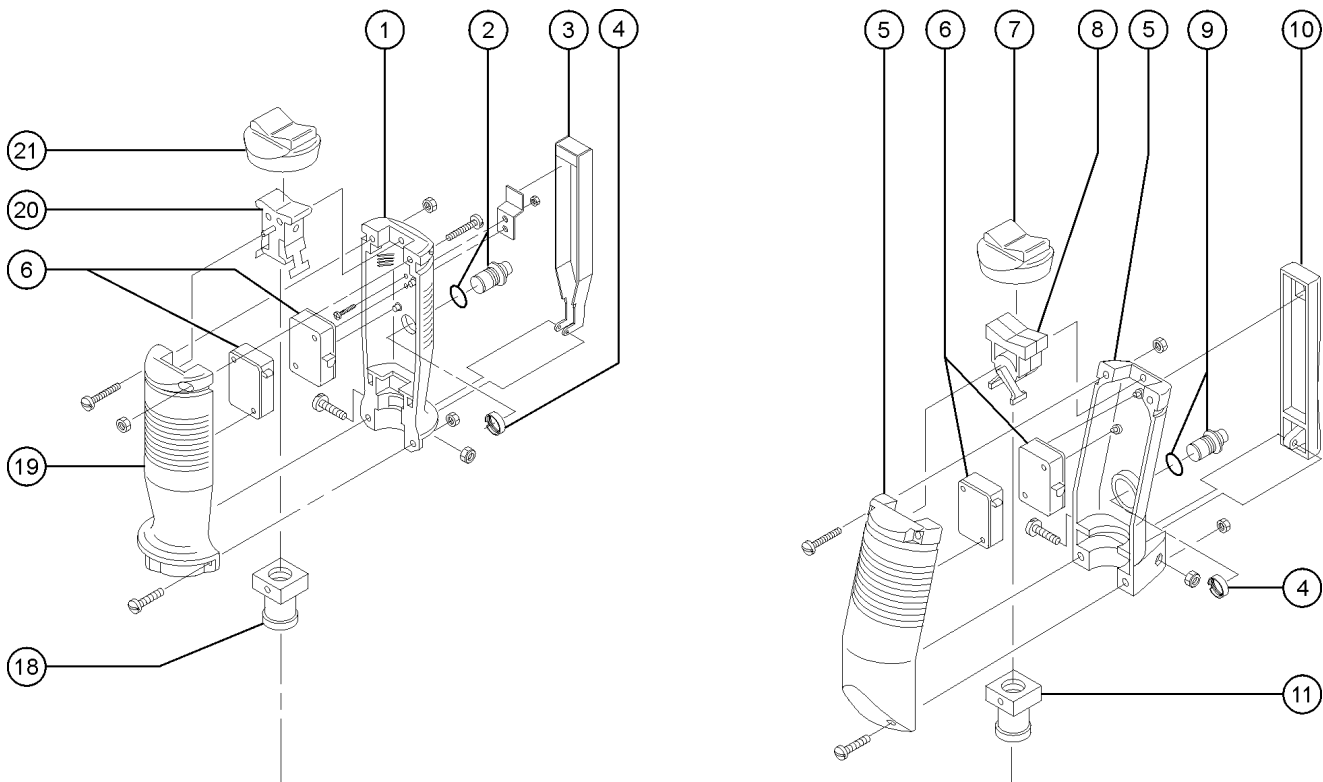
408.4 Platform Controls (from serial number 51015)



408.4 Platform Controls (from serial number 51015)

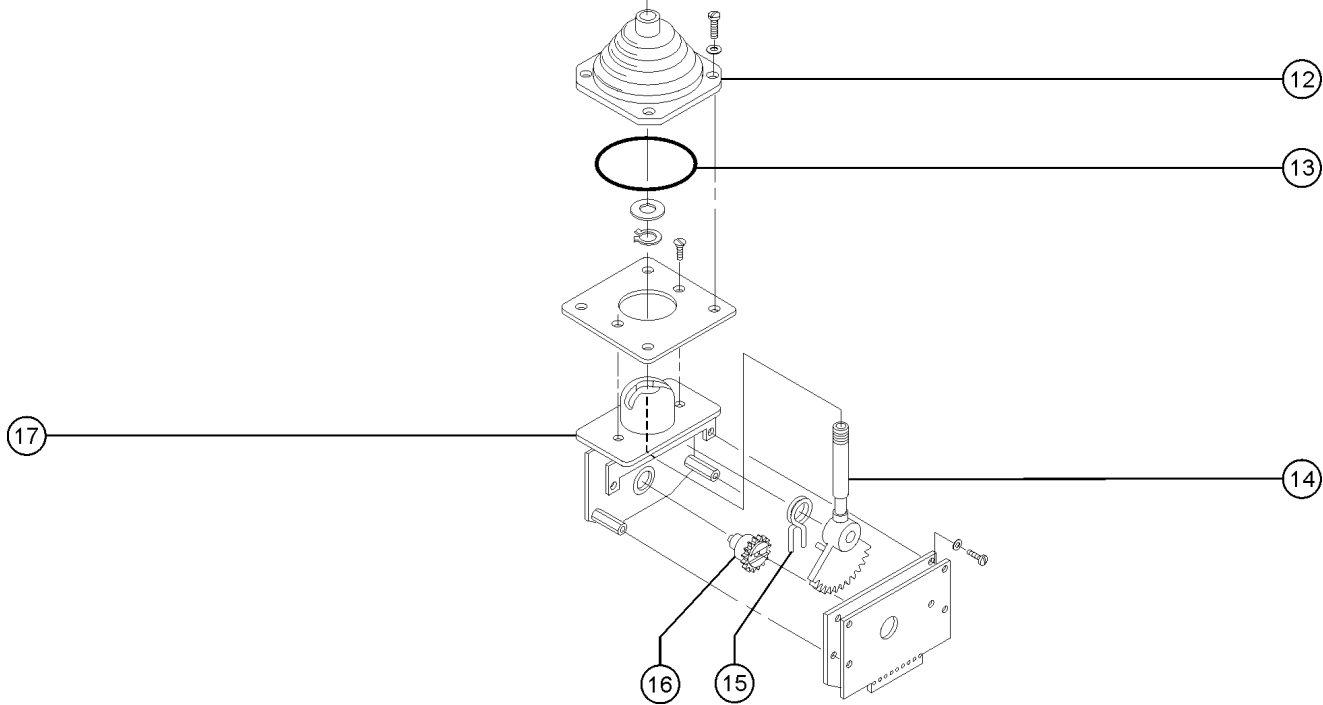
Item	Part No.	Description	Qty.
-	1297020GT	CONT BOX,PLAT,G4,DEC,IPCB,MINI	
	78892GT	BOX,MOLDED UPPER CONTROL	
	96020GT	ADAPTER, HARNESS (connects Gen 4 platform controls with deutsch connector to machines to SN 53999)	
1	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
2		Ref. Decal - Overlay, Platform Controls	1
		(refer to Figure 101.1)	
3	66817GT	E-STOP W/ NC CONTACT	1
3-	66818GT	CONTACT,NC	1
4	78904GT	PC BOARD,SLAB,GEN 4	1
5	51860GT	ALARM ASSY.12VDC,ITT	1
		Does not include 72326 nut	
5-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
6	62223GT	COIL CORD-JOYSTICK, SLABS	1
		(to SN 53999) (includes connector)	
6-	78314GT	CONNECTOR KIT,ITT CABLE/WIRE	
		(to SN 53999)	
6A	144065GT	KIT,GEN 5 COIL CORD	1
		(from SN 54000) (kit, includes connector, coil cord, instructions, dielectric grease and cable tie; see below)	
6B	78314GT	CONNECTOR KIT,ITT CABLE/WIRE	
		(from SN 54000)	
7	8255GT	SCREW,HHC,3/8-16 X .75	4
8	6021GT	WASHER, LOCK, .375	4
9	66685GT	BRACKET,PLAT CONTROL BOX SLAB	1
10		Ref. Joystick Controller	1
		(refer to Figure 409.3)	

409.1 Joystick Controller (to serial number 17407)



Control handle with metal
function enable switch lever

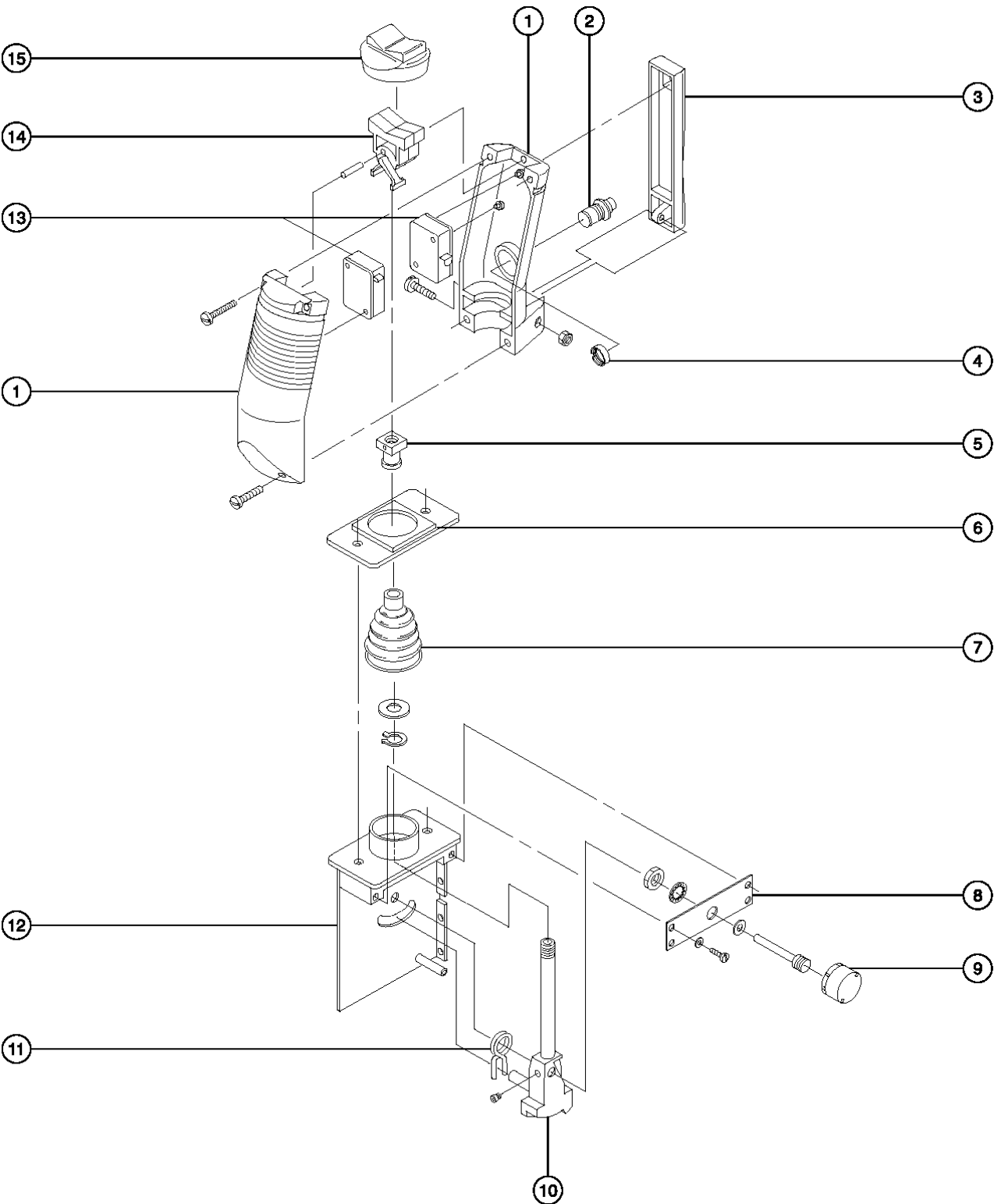
Control handle with plastic
function enable switch lever



409.1 Joystick Controller (to serial number 17407)

Item	Part No.	Description	Qty.
		The GS-1530 and GS-1930 Models were produced using one of two different styles of control handles: one with a metal function enable switch lever, and the other with a plastic function enable switch lever. A serial number break is not available.	
	44988GT	JOYSTICK W/ENCODER CARD-GS (complete)	
	65805GT	ENCODER W/PIGTAIL, 44988	
	69537GT	BEARING,JOYSTICK (57890)	
	44792GT	HANDLE HALF SET-FOR 44988 (includes items 1-4 and 21) (for models with metal function enable switch)	
1	46274GT	HANDLE HALF,ENABLE SW.SIDE-GS (for models with metal function enable switch)	1
2	46270GT	PUSHBUTTON-FUNC.ENABLE.W/ORING (for models with metal function enable switch)	1
3	46269GT	LEVER,FUNC.ENABLE SWITCH,METAL (for models with metal function enable switch)	1
4	46271GT	NUT-MOUNTING,PUSH BUTTON-44988	1
5		Ref. Joystick Handle Set (refer to Figure 409.2)	1
6	19722GT	MICROSWITCH-V319M***	2
7	43038GT	BOOT-THUMB ROCKER** BLACK (for models with plastic function enable switch)	1
8	65178GT	ROCKER ASSY W/ROLLPIN*** (for models with plastic function enable switch)	1
9	52050GT	PUSHBUTTON-FUNC.ENABLE.W/ORING (for models with plastic function enable switch)	1
10	52042GT	LEVER,FUNC ENABLE SWITCH,RGE** (for models with plastic function enable switch)	1
11	52043GT	NUT,JOYSTICK,44988, RGE (for models with plastic function enable switch)	1
12	27134GT	BOOT,CONTROLLER includes 46272	1
12-	46272GT	FLANGE-JOYSTICK MOUNTING,44988	1
13	31526GT	O-RING,BOOT,CONTROLLER	1
14	46227GT	SHAFT ASSY, JOYSTICK***	1
15	21434GT	SPRING & BUSHING KIT,RETURN***	1
16	19731GT	GEAR, SLAVE, MS4,45048	1
17	19720GT	CASTING,45049, 40612	1
18	43040GT	NUT,JS,36867/42032/44988/40612 (for models with metal function enable switch)	1
19	46275GT	HANDLE HALF-BACKSIDE,GS JYSTK for models with metal function enable switch	1
20		ROCKER ASSEMBLY,45049 for models with metal function enable switch (Part No Longer Available)	1
21	46268GT	BOOT-THUMB ROCKER, 44988 RED** (for models with metal function enable switch)	1

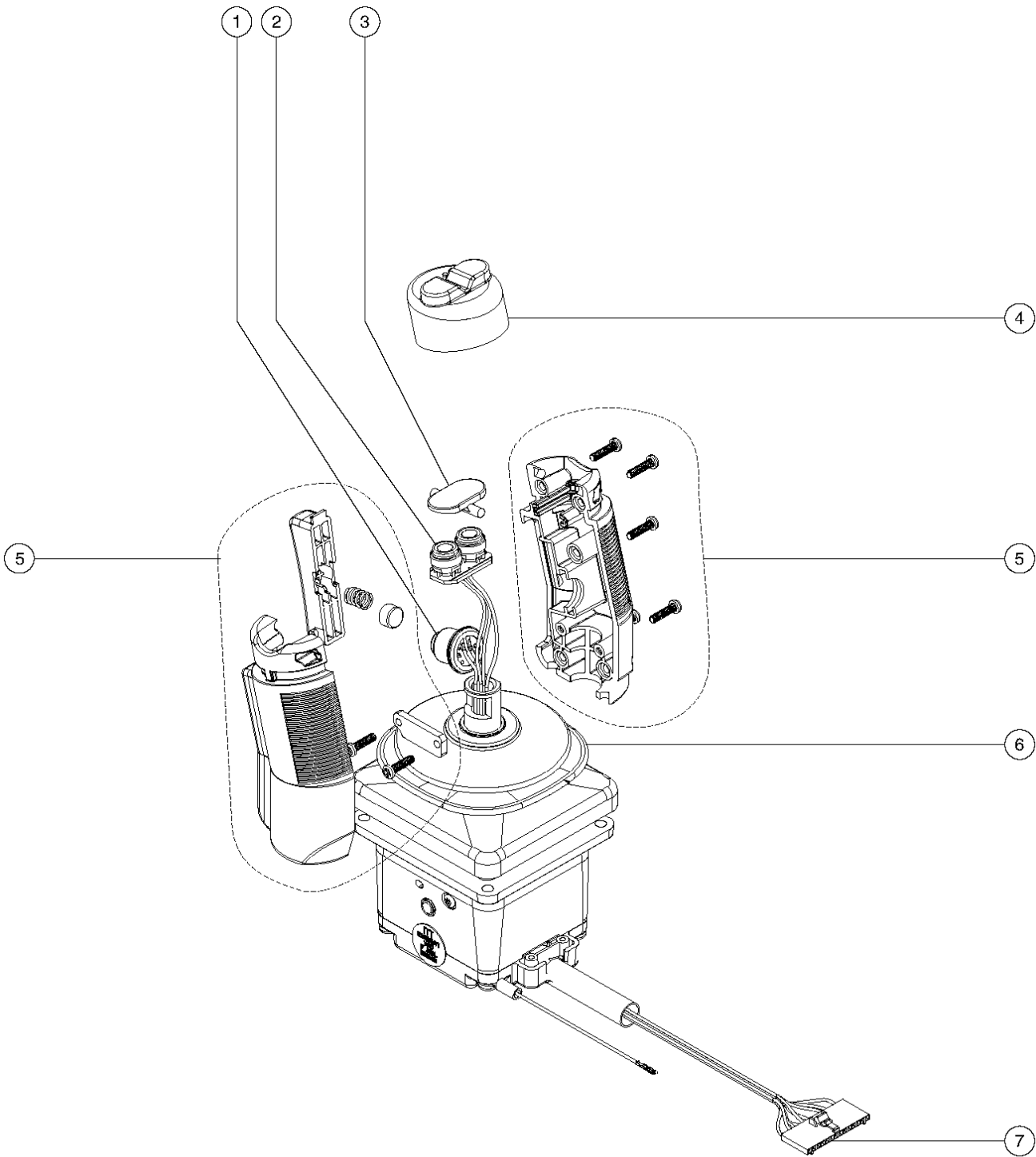
409.2 Joystick Controller (from serial number 17408 to 51014)



409.2 Joystick Controller (from serial number 17408 to 51014)

Item	Part No.	Description	Qty.
	62161GT	JOYSTICK CONTROLLER (complete) (verify OEM P/N prior to ordering, label located on bottom of joystick)	
	62161HGT	JOYSTICK CONTROLLER aftermarket joystick replacement	
1	58293GT	HANDLE KIT,GS JYSTK,BOTH HALVE	1
		Complete	
2	52050GT	PUSHBUTTON-FUNC.ENABL.W/ORING	1
		includes mounting hardware	
3	52042GT	LEVER,FUNC ENABLE SWITCH,RGE**	1
4	46271GT	NUT-MOUNTING,PUSH BUTTON-44988	1
5	52043GT	NUT,JOYSTICK,44988, RGE	1
6		GASKET-JOYSTICK	1
7	21427GT	BOOT,CONTROLLER**	1
8	52527GT	POTENTIOMETER MOUNT PLATE	1
9	65179GT	POTENTIOMETER (62161)***	1
10	52525GT	SHAFT ASSY,JOYSTICK	1
11	21434GT	SPRING & BUSHING KIT,RETURN***	1
12	65180GT	CASTING-JOYSTICK, GS2032	1
13	19722GT	MICROSWITCH-V319M***	2
14	65178GT	ROCKER ASSY W/ROLLPIN***	1
15	19710GT	BOOT, PROTECTIVE, 45049 BLACK	1

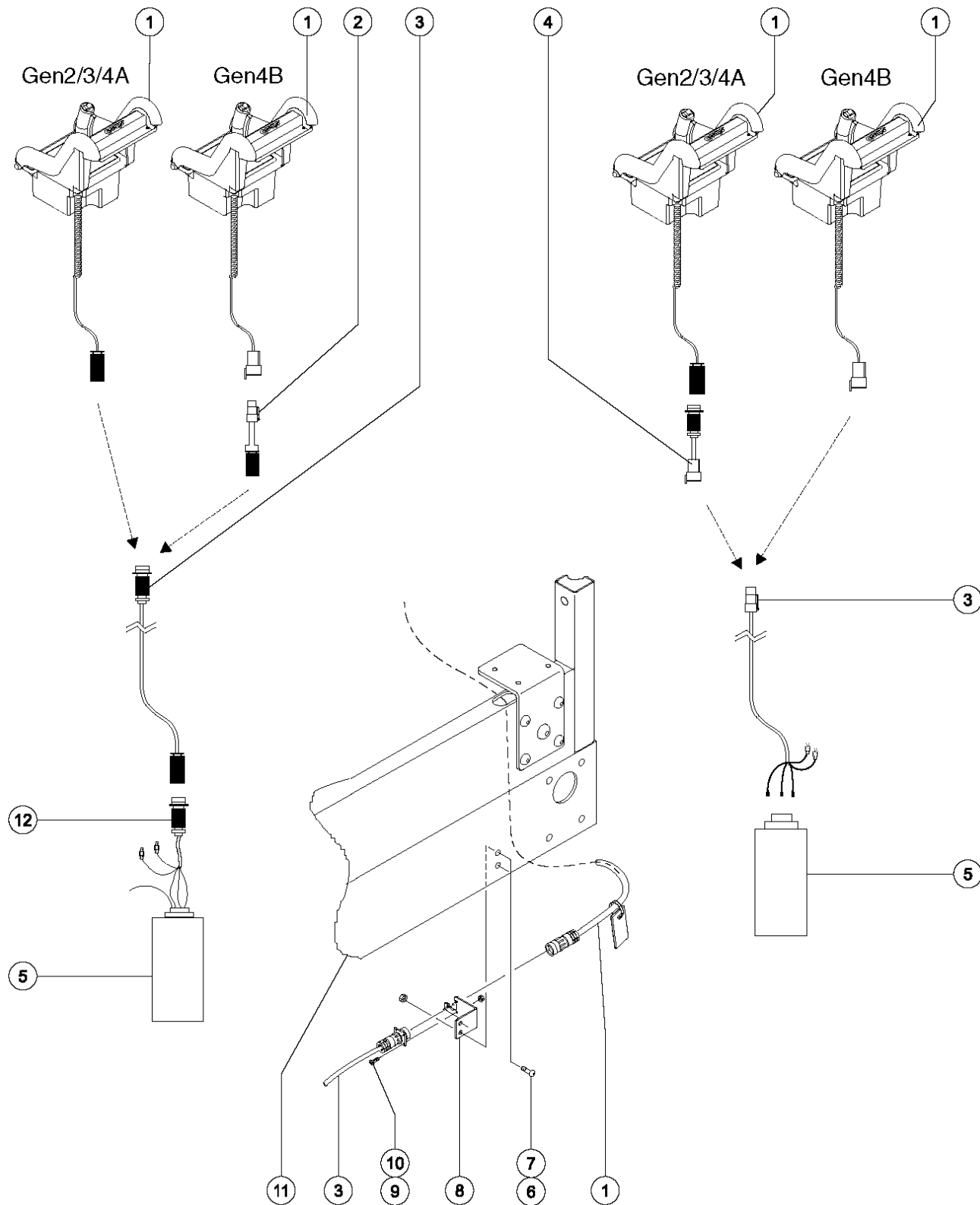
409.3 Joystick Controller (from serial number 51015)



409.3 Joystick Controller (from serial number 51015)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
A-	78903GT	JOYSTICK,SINGL AXIS,HALL,SLAB* OEM joystick (verify OEM P/N prior to ordering, label located on bottom of joystick)	
B-	78903HGT	JOYSTICK,SINGL AXIS,POT,SLAB aftermarket joystick	
B-	1277997GT	KIT,JOYSTICK REPAIR (78903H) for 78903H (includes 2 handle halves, top cap, rocker switch, enable switch gasket and fasteners) ...	
1	105171GT	KIT,JOYSTICK ENABLE SWITCH	1
2	105115GT	KIT,JOYSTICK STEER SWITCH	1
3	105109GT	TURN SWITCH ACTUATOR,JOYSTICK**	1
4	97015GT	BOOT,THUMB ROCKER***	1
5	97014GT	JOYSTICK HANDLE SET, COMPLETE	1
6	97013GT	BOOT, JOYSTICK~	1
7	105172GT	KIT, PLATFORM PC RECEIPT/SOC	1

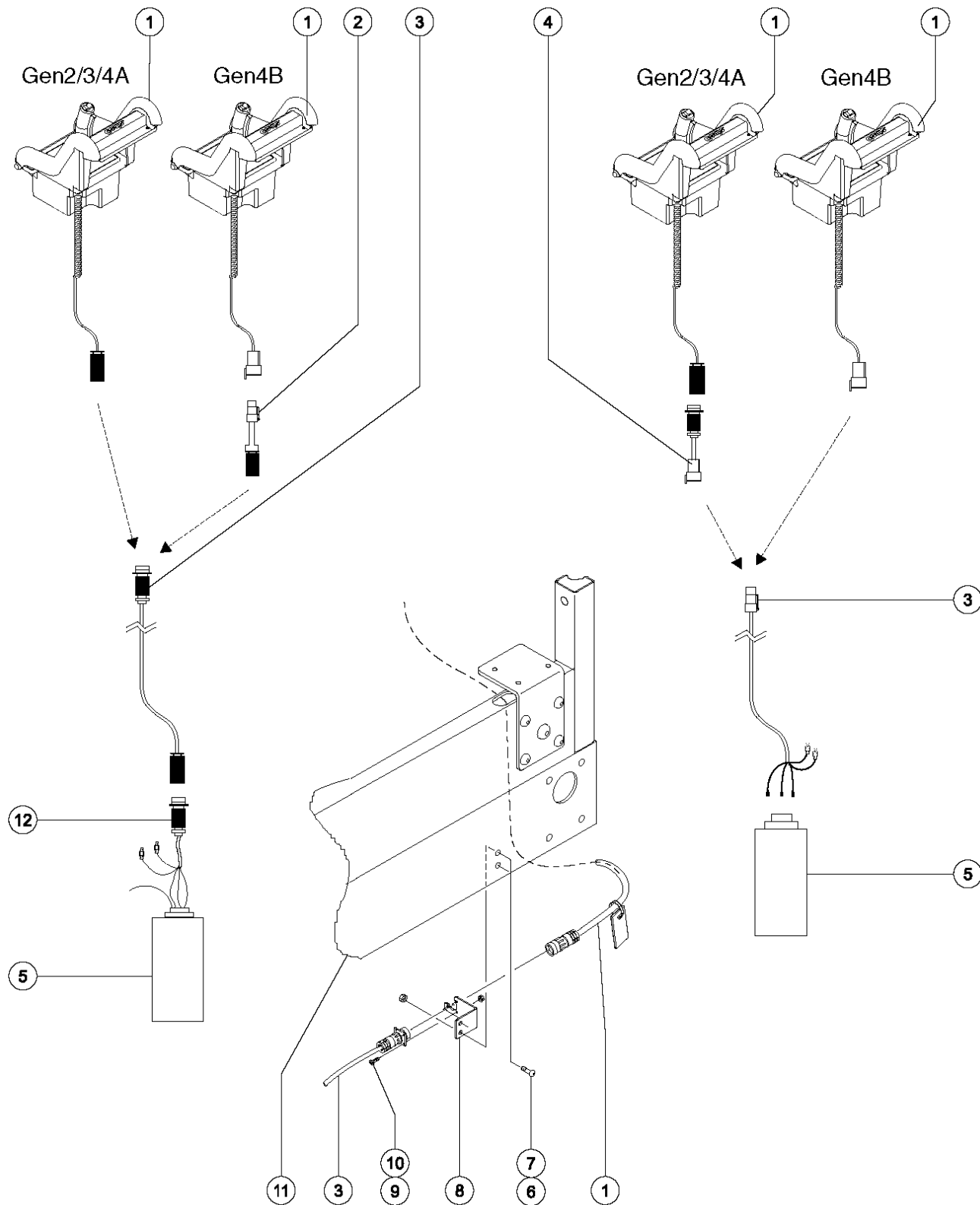
410.1 Control Cable - Chassis to Platform, GS-1530



410.1 Control Cable - Chassis to Platform, GS-1530

Item	Part No.	Description	Qty.
1		Ref. Platform Control Box - Complete (refer to Figures 408.1, 408.2, 408.3 or 408.4)	
2	96019GT	ADAPTER, HARNESS*** (to SN 53999) (connects Gen 4 platform controls with deutsch connector to machine harness with round connector)	
3	44749GT	CONTROL CABLE ASSY., GS-1530 (to SN 6843)	1
3-	51618GT	WIRE ASSEMBLY, GS1530 (from SN 6844) (connects Gen 2 and Gen 3 platform controls with round connector to machine harness with deutsch connector)	1
3-	96012GT	WIRE ASSEMBLY, GS1530 (from SN 54000)	1
4	96020GT	ADAPTER, HARNESS (from SN 54000)	1
5		Ref. Electronic Control Module (refer to Figure 204.1, 204.2, 204.3 or 204.4)	1
6	14297GT	SCREW, BHHS, 1/4-20 X .75 (to SN 53999)	2
7	6091GT	NUT, NYLOCK, 1/4-20 (to SN 53999)	2
8	47867GT	BRACKET, JOYSTICK QUICK DISCNT (to SN 53999)	1
9	65430GT	SCREW, PHS, 6-32 X 0.25 (to SN 53999)	3
10	12344GT	NUT, NYLOCK, 6-32 (to SN 53999)	3
11		Ref. Platform (refer to Figures 402.1, 403.1, 404.1, 405.1 or 406.1)	3
12	64258GT	WIRE ASSY, CHASSIS CONTROL PIGT (to SN 53999)	1

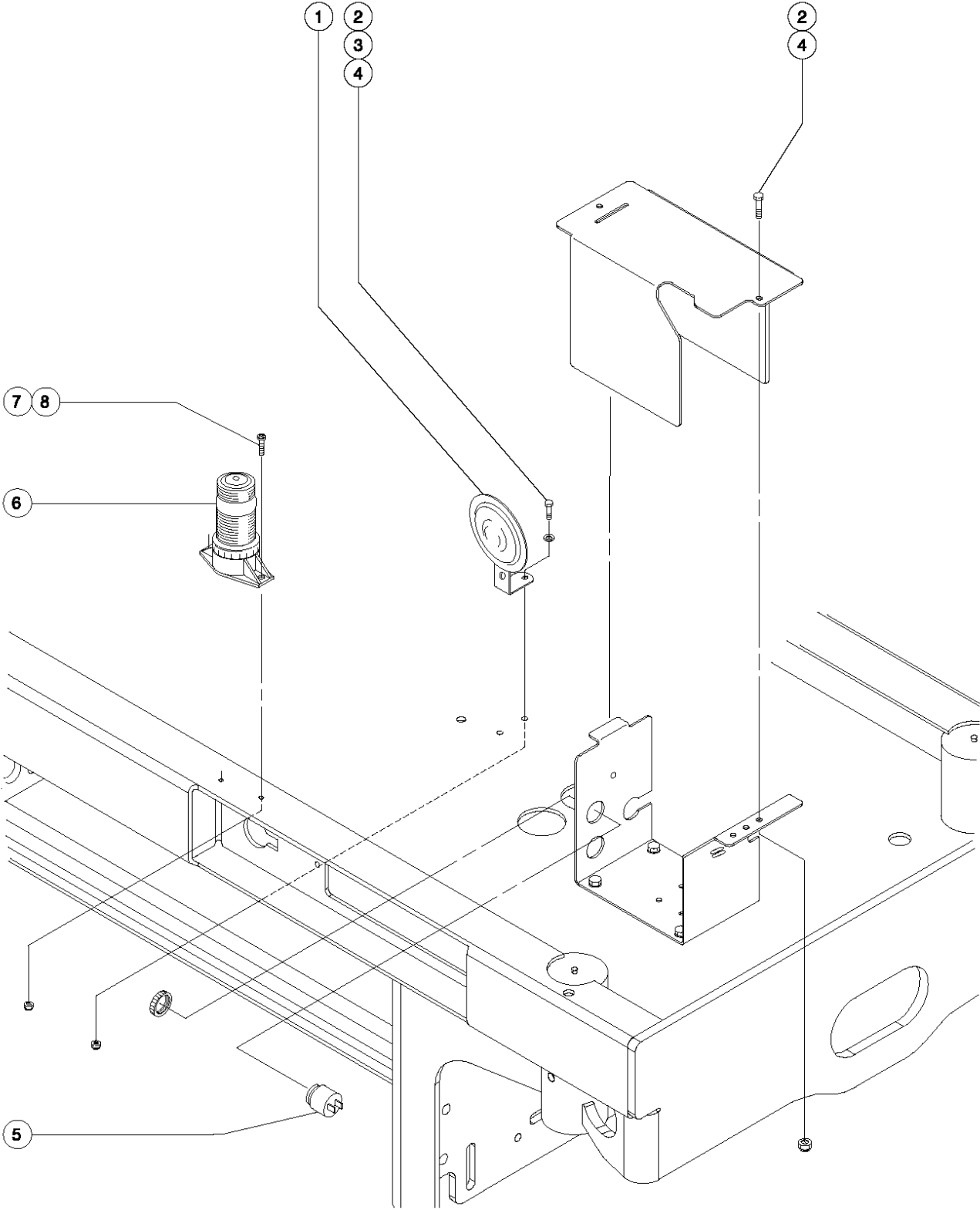
410.2 Control Cable - Chassis to Platform, GS-1930



410.2 Control Cable - Chassis to Platform, GS-1930

Item	Part No.	Description	Qty.
1		Ref. Platform Control Box - Complete (refer to Figures 408.1, 408.2, 408.3 or 408.4)	
2	96019GT	ADAPTER, HARNESS*** (to SN 53999) (connects Gen 4 platform controls with deutsch connector to machine harness with round connector)	
3A	46273GT	CNTRL/CABLE ASSY(OLD)GS,1930 (to SN 6843)	1
3A-	51619GT	CABLE ASSEMBLY,1930 CONTROL (from 6844)	1
3A-	96013GT	WIRE ASSEMBLY,GS1930/1932/2032 (from 54000)	1
4	96020GT	ADAPTER, HARNESS (from SN 6844) (connects Gen 2 and Gen 3 platform controls with round connector to machine harness with deutsch connector)	1
5		Ref. Electronic Control Module (refer to Figure 204.1, 204.2, 204.3 or 204.4)	1
6	14297GT	SCREW,BHHS,1/4-20 X .75 (to 53999)	2
7	6091GT	NUT, NYLOCK, 1/4-20 (to 53999)	2
8	47867GT	BRACKET,JOYSTICK QUICK DISCNT (to 53999)	1
9	65430GT	SCREW,PHS,6-32 X 0.25 (to 53999)	3
10	12344GT	NUT,NYLOCK,6-32 (to 53999)	3
11		Ref. Platform (refer to Figures 402.1, 403.1, 404.1, 405.1 or 406.1)	3
12	64258GT	WIRE ASSY,CHASSIS CONTROL PIGT (to 53999)	1

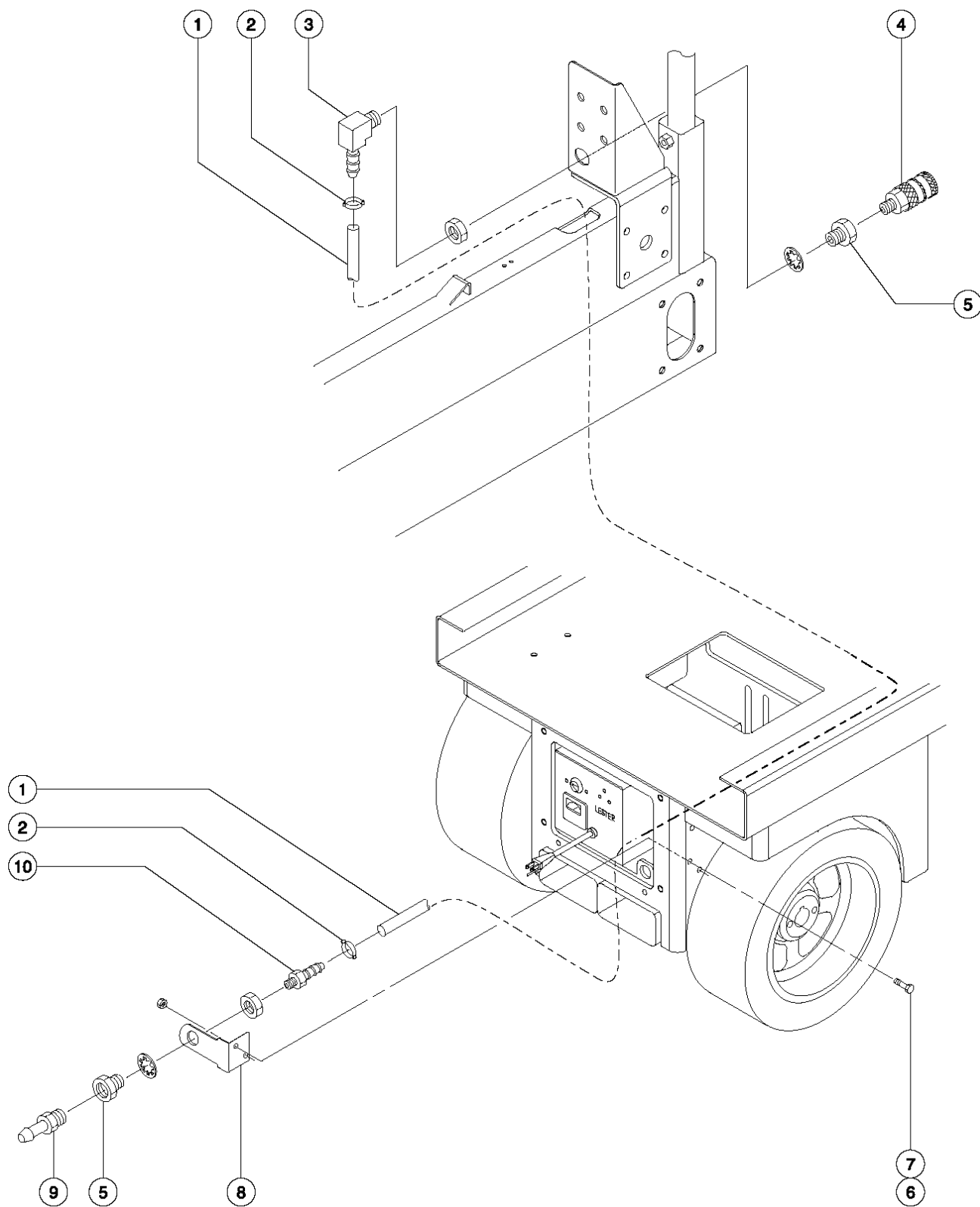
501.1 Alarms, Horn and Flashing Beacon



501.1 Alarms, Horn and Flashing Beacon

Item	Part No.	Description	Qty.
A	47676GT	GS SLAB AC BEACON (includes wiring harness and installation instructions)	
A-	47663GT	HARNESS,BEACON ACCESSORY, SLAB	
A-	48371GT	INSTALLATION INSTRC.BEACON	
B	47892GT	GS SLAB AC MOTION ALARM (includes wiring harness and installation instructions)	
B-	47662GT	HARNESS,ALARM ACCESSORY	
B-	47679GT	INSTALLATION INSTRUCT.,ALARM	
C	40826GT	GS SLAB AC HORN (includes wiring harness and installation instructions)	
C-	105992GT	HORN HARNESS	
C-	47680GT	INSTALLATION INSTRC.HORN	
1	81579GT	HORN, 24VDC, SPADE TERMINALS*** (automotive style)	1
2	8914GT	SCREW, HHC, 1/4-20 X .625	3
3	6638GT	WASHER, FLAT, USS, 1/4"Y	1
4	6091GT	NUT, NYLOCK, 1/4-20	3
5	18963GT	ALARM, INTERMITTENT TONE 6-30V* (does not include 72326 nut) (104 dB)	1
5-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
6	66909GT	STROBE,BEACON,W/OUT HARDWARE** (amber)	1
6-	58973GT	LIGHT,REPLACEMENT BULB (39676)	1
7	6606GT	SCREW,RHM,10-32 X .75	2
8	6178GT	NUT, NYLOCK, 10-32, SS	2

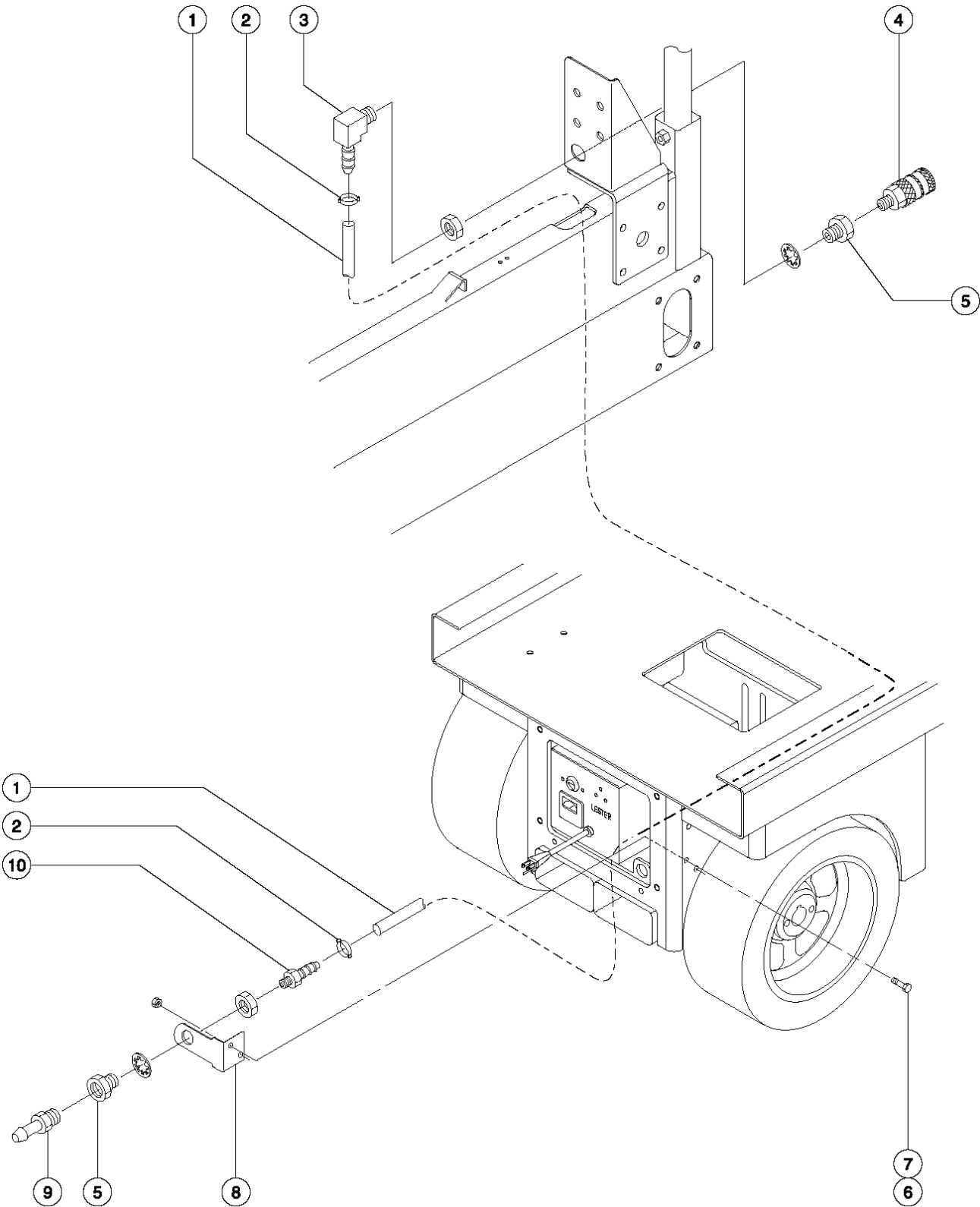
502.1 Air Line to Platform, GS-1530



502.1 Air Line to Platform, GS-1530

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
A-	40829GT	GS SLAB AC 1530 AIR TO PLAT	
1	27903GT	HOSE, LOW PRESSURE, .375 ID	275
		GS-1530	
2	27902GT	CLAMP,HOSE,2 EAR,5/8	2
3	27904GT	HOSE END,BARBED,RIGID,90DEG6-6	1
4	27895GT	COUPLER,1/4"SERIES 3/8 MPT	1
5	27900GT	BULKHEAD,FEMALE X 6 X 6	2
		(includes mounting fasteners)	
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
7	4828GT	NUT, NYLOCK, 3/8-16	2
8	47077-SGT	BRACKET,AIRLINE MOUNTING	1
9	27894GT	PLUG,1/4"SERIES,3/8 MPT	1
10	27901GT	HOSE END,BARBED,RIGID,-6-6	1

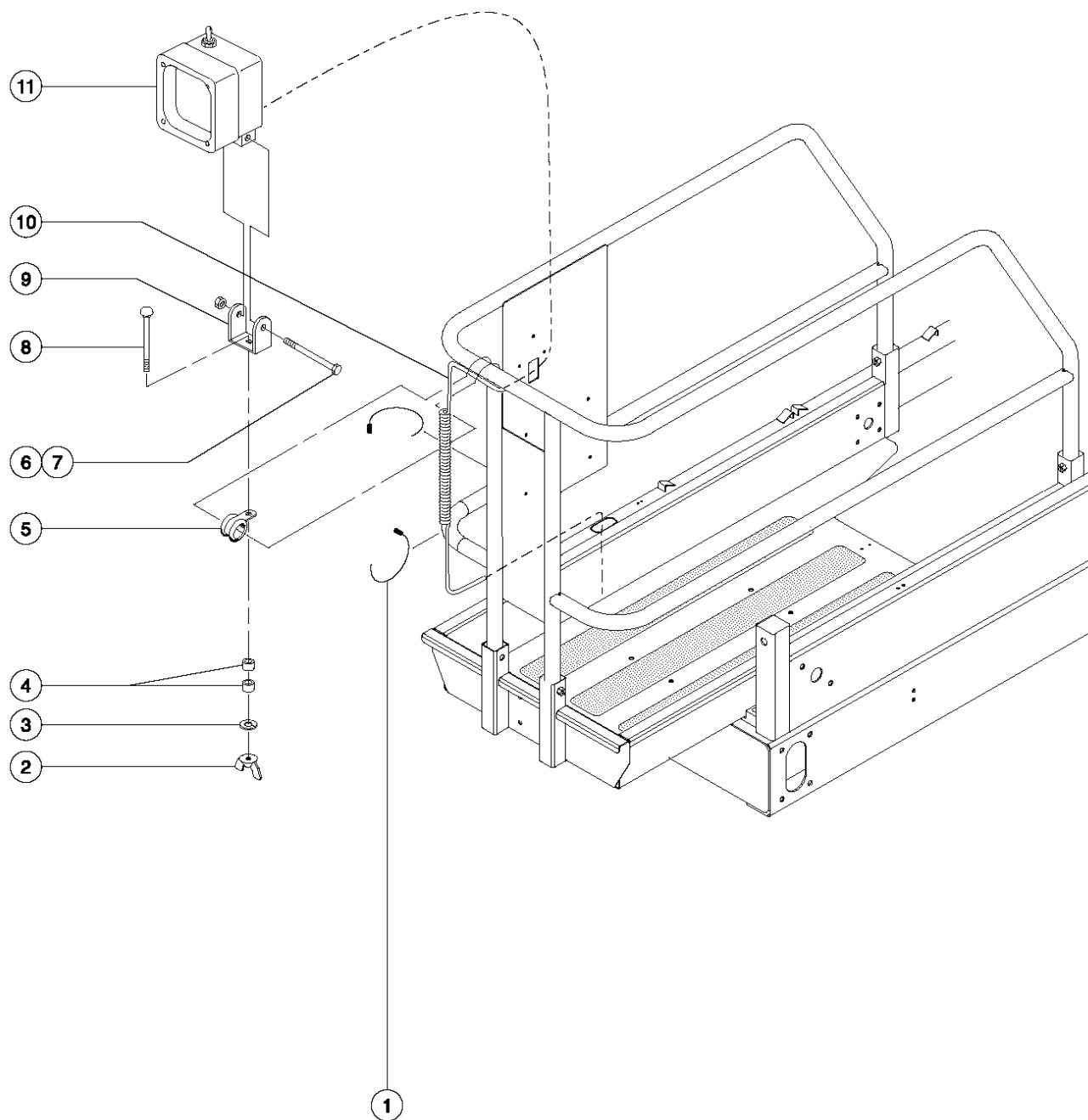
502.2 Air Line to Platform, GS-1930



502.2 Air Line to Platform, GS-1930

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
B-	47086GT	GS SLAB AC 1930 AIR TO PLAT	
1A	27903GT	HOSE, LOW PRESSURE, .375 ID	340
		GS-1930	
2	27902GT	CLAMP,HOSE,2 EAR,5/8	2
3	27904GT	HOSE END,BARBED,RIGID,90DEG6-6	1
4	27895GT	COUPLER,1/4"SERIES 3/8 MPT	1
5	27900GT	BULKHEAD,FEMALE X 6 X 6	2
		(includes mounting fasteners)	
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
7	4828GT	NUT, NYLOCK, 3/8-16	2
8	47077-SGT	BRACKET,AIRLINE MOUNTING	1
9	27894GT	PLUG,1/4"SERIES,3/8 MPT	1
10	27901GT	HOSE END,BARBED,RIGID,-6-6	1

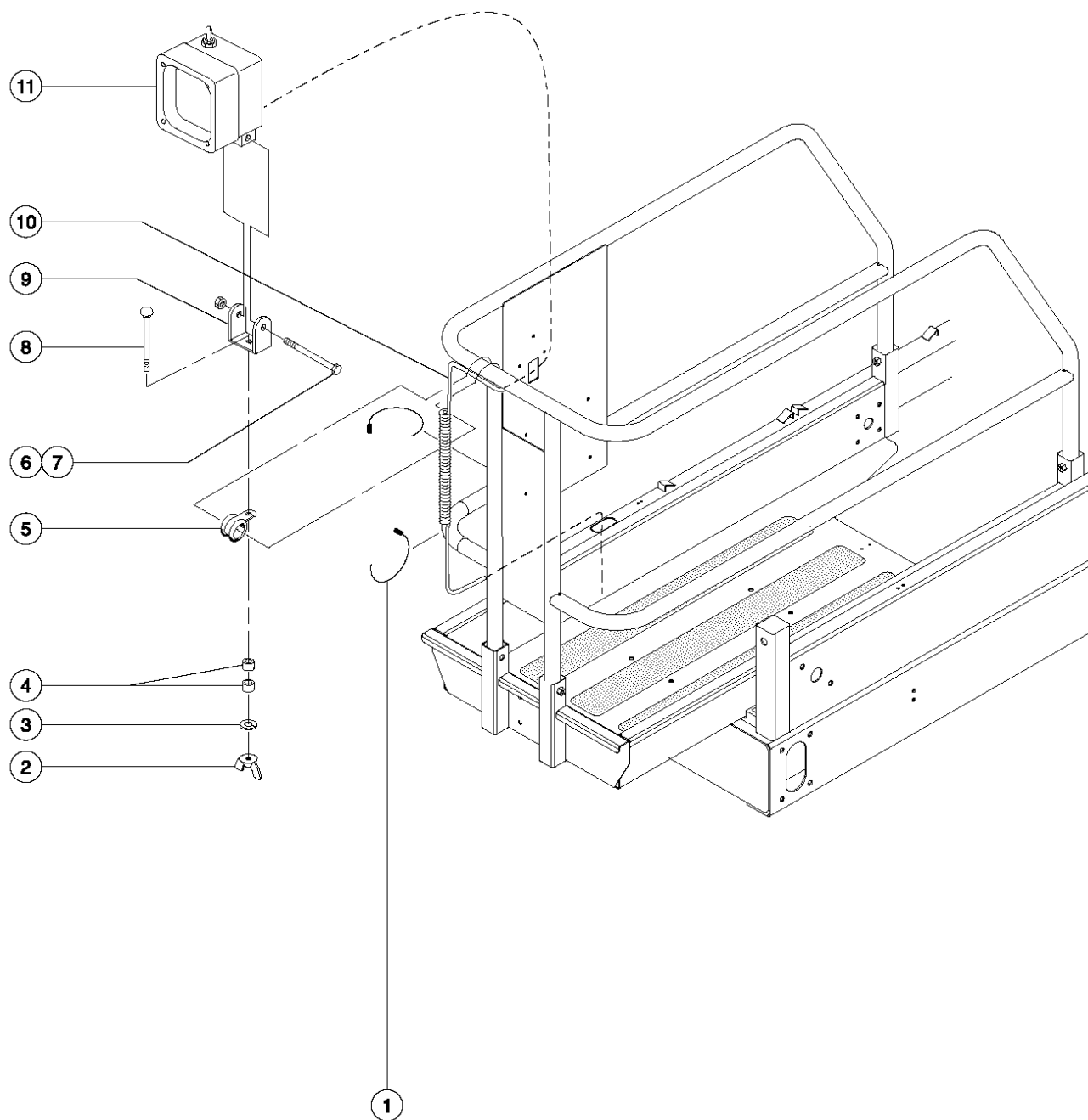
503.1 Platform Worklight, GS-1530



503.1 Platform Worklight, GS-1530

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
A	55572GT	GS SLAB AC 1530 WORK LIGHT	
A-	105972GT	WORKLIGHT CABLE,GS15XX	
		(linkset) GS-1530	
A-	105971GT	WORKLIGHT PIGTAIL ASSY	
		(chassis)	
1	28443GT	CABLE TIE, 11.5" BLACK	2
2	69229GT	NUT,WING 5/16-18	1
3	6886GT	WASHER,LOCK, .313	1
4	5397GT	WASHER,FLAT,5/16,USS,ZAG	2
		add sufficient washers to equal aproximately 0.435 inch thickness of each spacer	
5	33784GT	CLAMP,1.31,#21 X 1/4,RUB CUSH	1
		(3.3 cm)	
6	50793GT	SCREW,HHC,5/16-18 X 2	1
7	6782GT	NUT, NYLOCK, 5/16-18	1
8	65439GT	BOLT,CARRIAGE,5/16-18 X 2.0,G2	1
9	144011GT	WORKLIGHT,24V,COIL CORD	1
10	65721GT	COIL CORD,WORKLIGHT(144011)	1
11	144011GT	WORKLIGHT,24V,COIL CORD	1

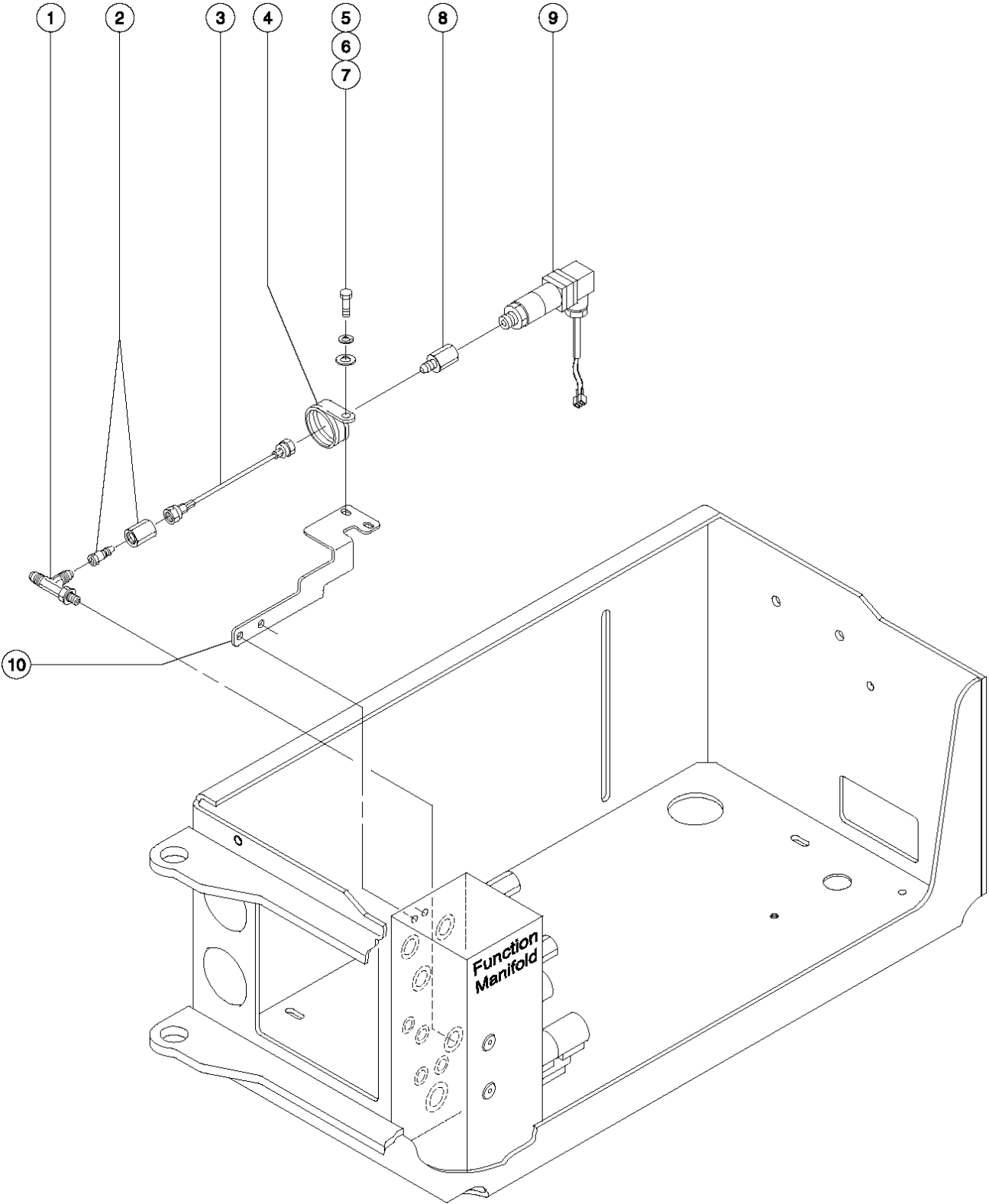
503.2 Platform Worklight, GS-1930



503.2 Platform Worklight, GS-1930

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
B	55691GT	GS SLAB AC 1930 WORK LIGHT	
B-	105973GT	WORKLIGHT CABLE,GS19/20XX	
		(linkset) GS-1930	
B-	105971GT	WORKLIGHT PIGTAIL ASSY	
		(chassis)	
1	28443GT	CABLE TIE, 11.5" BLACK	2
2	69229GT	NUT,WING 5/16-18	1
3	6886GT	WASHER,LOCK, .313	1
4	5397GT	WASHER,FLAT,5/16,USS,ZAG	2
		add sufficient washers to equal aproximately 0.435 inch thickness of each spacer	
5	33784GT	CLAMP,1.31,#21 X 1/4,RUB CUSH	1
		(3.3 cm)	
6	50793GT	SCREW,HHC,5/16-18 X 2	1
7	6782GT	NUT, NYLOCK, 5/16-18	1
8	65439GT	BOLT,CARRIAGE,5/16-18 X 2.0,G2	1
9	144011GT	WORKLIGHT,24V,COIL CORD	1
10	65721GT	COIL CORD,WORKLIGHT(144011)	1
11	144011GT	WORKLIGHT,24V,COIL CORD	1

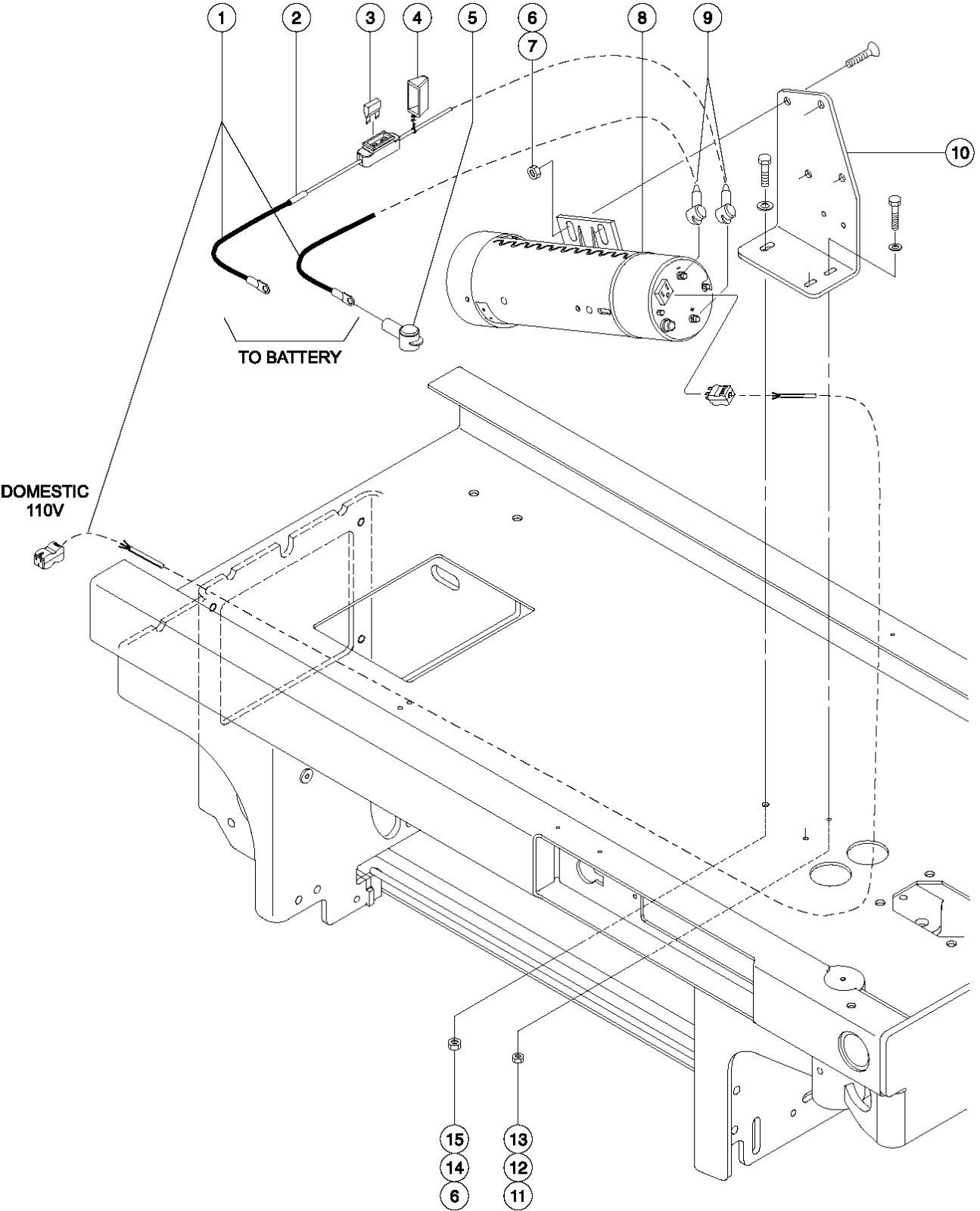
504.1 Platform Overload Protection



504.1 Platform Overload Protection

Item	Part No.	Description	Qty.
	66446GT	GS SLAB AC LD SENSOR (RLY) (to SN 17408)	
	51328GT	GS SLAB AC LOAD SENSOR (from SN 17409)	
1	51152GT	TEE,RUN 070432-6*****	1
2	51508GT	NUT,070110-6	1
2	51153GT	REDUCER,070123-6-4	1
3	78873GT	HOSE ASSY, HANDPUMP/L BRAKE,32 Hose End - Female JIC Swivel (Parker 10655-4-2), Hose End - Female JIC Swivel (Parker 10655-4-2) and Hose, 1/8" Thermoplastic Medium Pressure (Parker 540N-2)	1
4	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH (2.85 cm)	1
5	8914GT	SCREW, HHC, 1/4-20 X .625	1
6	6353GT	SCREW,RHM,1/4-20 X .5	1
7	6638GT	WASHER, FLAT, USS, 1/4"Y	1
8	51154GT	CONNECTOR,070103-4-4	1
9	51151GT	SWITCH,PRESS 2500-6000 PSI ADJ (172.4 - 413.7 bar)	1
10		Ref. Bracket - Filter Mount (refer to Figure 208.1, 208.2, 208.3 or 208.4)	1

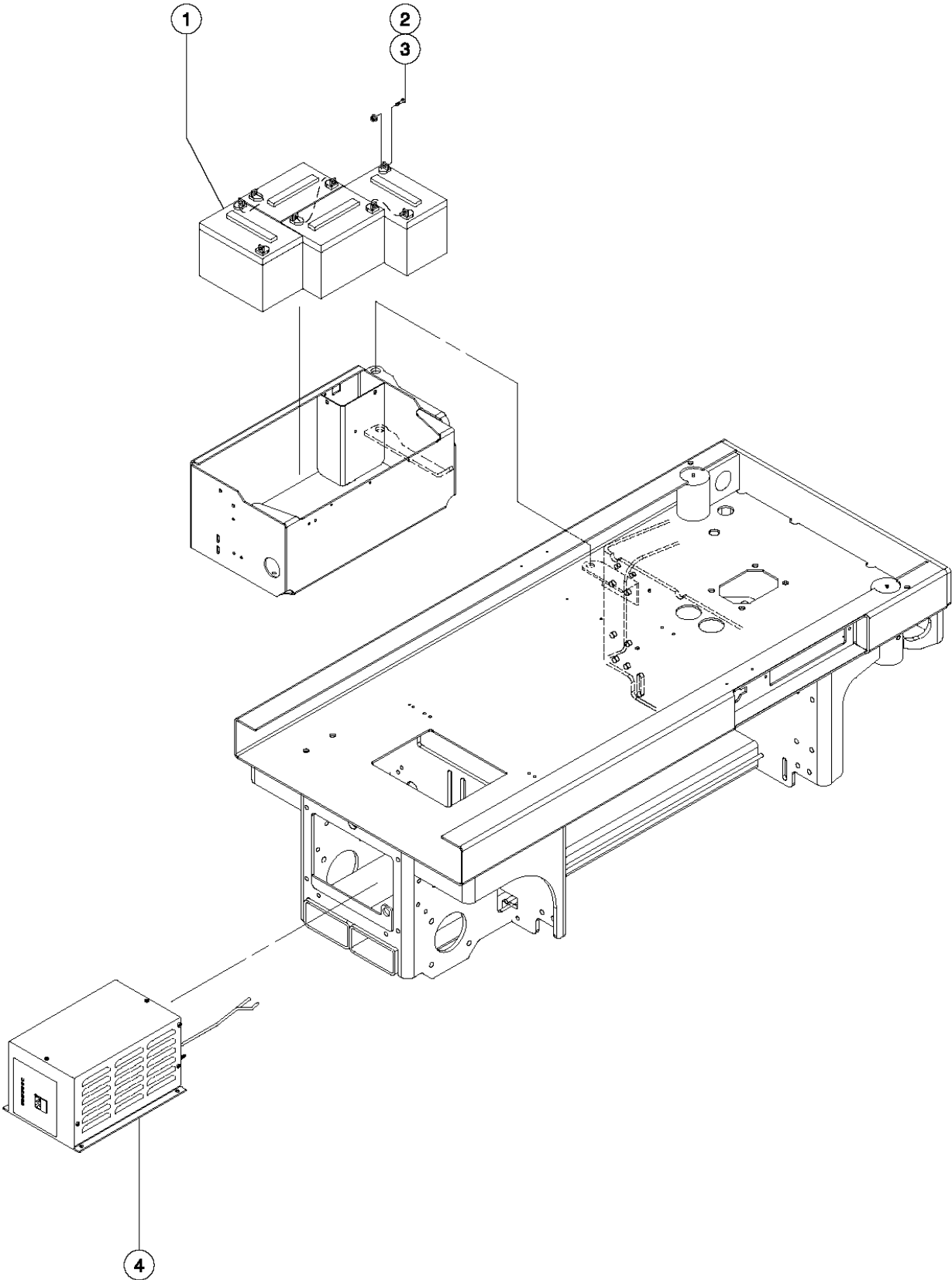
505.1 Voltage Inverter



505.1 Voltage Inverter

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	66807GT	FUSE/WIRE ASSY, GS30/GS2632	1
2	66466GT	BUTT SPLICE, 6-GA	1
3	55726GT	FUSE,50 AMP	1
4	55747GT	FUSE HOLDER, IN-LINE, 6AWG, MAXI	1
5	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	1
6	4828GT	NUT, NYLOCK, 3/8-16	1
7	54074GT	SCREW,FHS,3/8-16 X 1,ZINC	1
8		INVERTER component no longer available	
9	55748GT	BOOT,CABLE TERMINAL,SMALL	2
10	55734GT	FORMING,INVERTER MOUNTING,GS30	1
11	6091GT	NUT, NYLOCK, 1/4-20	2
12	6638GT	WASHER, FLAT, USS, 1/4"Y	4
13	6090GT	SCREW, HHC, 1/4-20 X .75	2
14	4828GT	NUT, NYLOCK, 3/8-16	2
15	6097GT	WASHER, FLAT, USS, 3/8", Y	1
16	6175GT	SCREW,HHC,3/8-16 X 1	1

506.1 Battery - Maintenance Free



506.1 Battery - Maintenance Free

Item	Part No.	Description	Qty.
	66380GT	CHARGER,MAINT. FREE-GS	
1	105150GT	BATTERY, AGM, 6V, (TROJAN) ***	4
2	10107GT	SCREW,HHC,5/16-18 X .75	8
3	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	8
4		Ref. Battery Charger	8
		(refer to Figure 203.1)	



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1484GT	11, 15	6886GT	119, 125, 127, 131, 135, 229...	18385GT	73
4266GT	111, 115	6888GT	21, 25, 29, 39, 69, 95...	18503GT	277
4828GT	27, 33, 37, 39, 49, 101...	6889GT	25, 29, 73, 77, 79, 83...	18542GT	65
5135GT	69, 89, 121, 135	6918GT	241, 243	18605GT	109, 115, 229
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6002GT	91, 139, 229	7127GT	241, 243	18963GT	263
6019GT	27, 33, 37, 39, 49, 101, 193	7339GT	41, 43, 45, 49, 53, 57...	19273GT	127, 131, 167
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6033GT	69, 73, 85, 89, 99, 103...	8178GT	45, 49, 53, 57, 69, 75...	19436GT	17, 19, 83, 87, 91, 125
6034GT	31, 35	8255GT	219, 221, 227	19491GT	173...
6035GT	29, 37	8357GT	123, 223, 227, 249, 251	19506GT	43, 45, 49, 53, 57
6036GT	233, 237	8514GT	25, 33, 37, 39, 101, 105	19710GT	143, 145, 147
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6086GT	87, 91, 109, 111, 115, 137...	8538GT	189, 193, 195, 207, 209, 211	19722GT	253
6090GT	31, 35, 71, 75, 79, 83...	8914GT	27, 29, 87, 137	19731GT	253, 255
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6097GT	21, 25, 47, 51, 55, 59...	10587GT	109	19872GT	119, 123
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6147GT	69, 75, 79, 83	10777GT	241, 243	21279GT	187, 191, 203, 207
6175GT	27, 47, 51, 55, 59, 69...	11966GT	241, 243	21279GT	229, 233, 237
6178GT	41, 43, 45, 49, 53, 57...	11968GT	17, 19, 83, 87, 91, 195...	21427GT	255
6198GT	21, 25, 29, 33, 37, 39...	12017GT	75, 79, 83, 231	21434GT	253, 255
6353GT	273	12344GT	61	21618GT	273
6356GT	21, 27, 31, 35, 39, 41...	12960GT	259, 261	21982GT	143, 145, 147
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6545GT	33, 37	13000GT	95, 99	22265GT	123
6578GT	69, 77, 79, 83	13002GT	91, 139	22446GT	233, 237
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28171GT	13, 17	39244GT	69, 89, 109, 135	39581GT	35, 39, 109, 111, 115
28174GT	11, 15	39250GT	21, 25, 29	39582GT	23
28175GT	13, 17	39270PGT	185, 191, 193, 195, 201, 207...	39586GT	23, 27, 31, 35, 39
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28236GT	11, 15	39275GT	185, 201, 205	39608GT	223
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28487GT	227	39297GT	69	39657GT	101, 105
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31060GT	13, 17	39298GT	121	39796GT	229
31508GT	13, 17	39298PGT	135	39870GT	165
31526GT	253	39301GT	119	39871GT	165
32148GT	173, 177	39301PGT	125	39872GT	165, 169
32149GT	173, 177	39310GT	219, 221, 225	39873GT	163, 169
32150GT	11, 15	39317GT	111, 113, 219, 221, 223	39874GT	163, 169
32151GT	11, 15	39341-SGT	219, 221	39875GT	163, 167
32339GT	127, 131	39342PGT	219, 221	39876GT	163, 167
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California Proposition 65



WARNING

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

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

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

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