



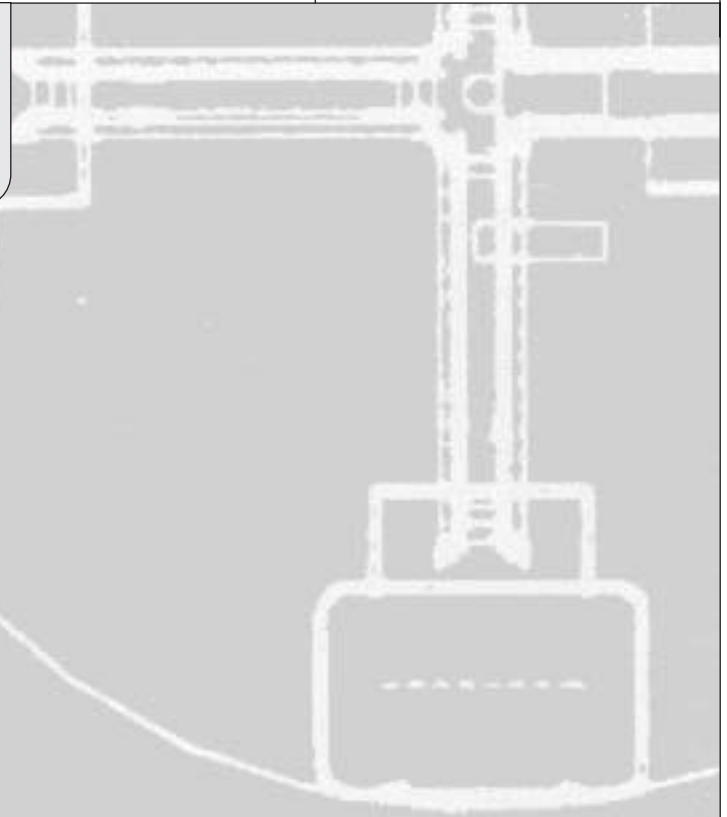
Parts Manual

Refer to inside cover for additional serial number information

Part No. 72020
Rev C4
October 2005

TMZTM-34/19

(from serial number T3400-001 to date)



Important

This parts manual covers the Genie TMZ-34/19 models from serial number T3400-001 to date.

Serial Number Information

Genie Industries offers the following Parts Manuals for these models:

Title	Part No.
Genie TMZ-34/19 and TMZ-12/6 Parts Manual (from serial number T3498-001 to T3499-769)	52074

Technical Publications

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

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

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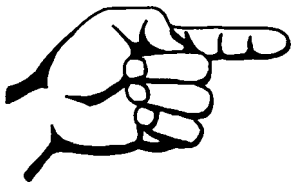
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Recommended Parts Stocking List

Machine Maintenance

The following parts are required to perform maintenance procedures as outlined in the *Genie TMZ-34/19 Service Manual*.

Description	Part No.
Plug and Cap Kit (services ORFS fittings) ...	49613
O-Ring Kit (services ORFS fittings)	49612
Dexter Axle Operation Maintenance Service Manual	84376
Resistor, 10 ohm	27287
Hydraulic Tank Return Filter	52314

Manuals

Genie Industries offers the following support documents for these models:

Title	Part No.
TMZ-34/19 Operator's Manual	72895
TMZ-34/19 Service Manual	52075
EMI Safety Manual	27581
Manual of Responsibilities	
ANSI / SIA A92.5-1992	31779

How To Order Parts

How To Order Service Parts

Please be prepared with the following information when ordering replacement parts for your Genie product:

- ☒ Machine model number
- ☒ Machine serial number
- ☒ Genie part number
- ☒ Part description and quantity
- ☒ Purchase order number
- ☒ "Ship to" address
- ☒ Desired method of shipment
- ☒ Name and telephone number of the authorized Genie 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 Genie Industries.

Machine Information

Model

Serial No.

Date of Purchase

Authorized Genie Distributor

Phone No.

Genie North America

Telephone (425) 556-6551
Toll Free (877) 367-5606 in U.S.A. and Canada
Fax (425) 556-8659

Genie UK

Parts Telephone (44) (0) 1476 584352
Parts Fax (44) (0) 1476 584340

Genie Australia

Parts Telephone (617) 03375 1660
Parts Fax (617) 03375 1002

Genie France

Parts Telephone (33) (0) 237 26 09 99
Parts Fax (33) (0) 237 31 50 10

Genie Germany

Parts Telephone (49) (0) 4202 885223
Parts Fax (49) (0) 4202 885225

Genie Scandinavia

Parts Telephone (46) (31) 3409612
Parts Fax (46) (31) 3409613

Genie Iberica

Parts Telephone (34) (93) 5795042

Genie Brazil

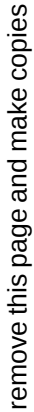
Parts Telephone (55) (114) 1665755
Parts Fax (55) (114) 1665754

Genie Japan

Parts Telephone (81) (33) 4536082
Parts Fax (81) (33) 4536083

Genie China

Parts Telephone (86) (215) 3852570
Parts Fax (86) (215) 3852569



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Order Number _____	Origin Code _____	Comments _____
Date Scheduled _____	Ship Condition _____	_____
Order Total _____	Terms Code _____	

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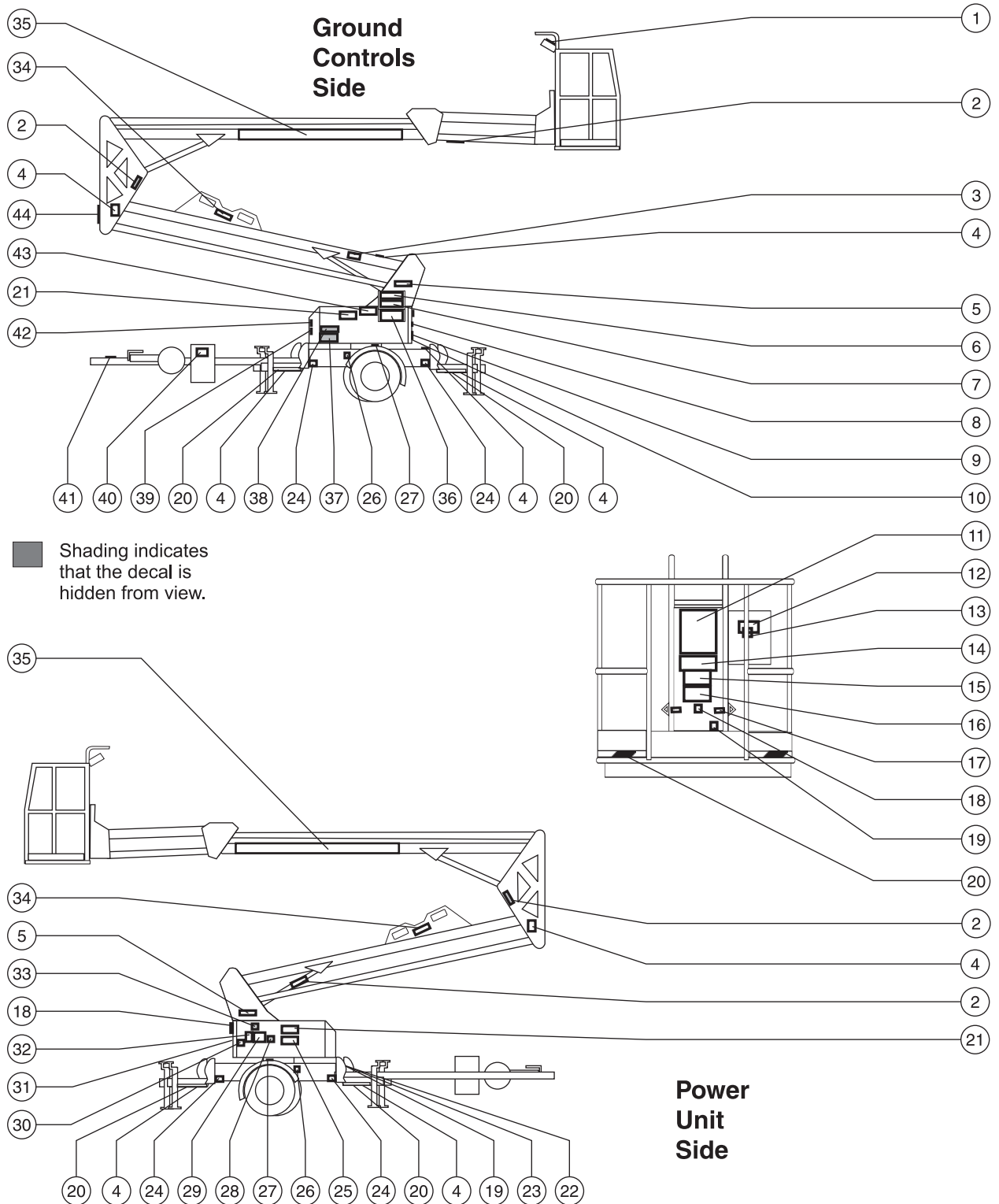
Section One

Decals and Paint

Figure 1-A

Decals and Paint

REV A



REV A

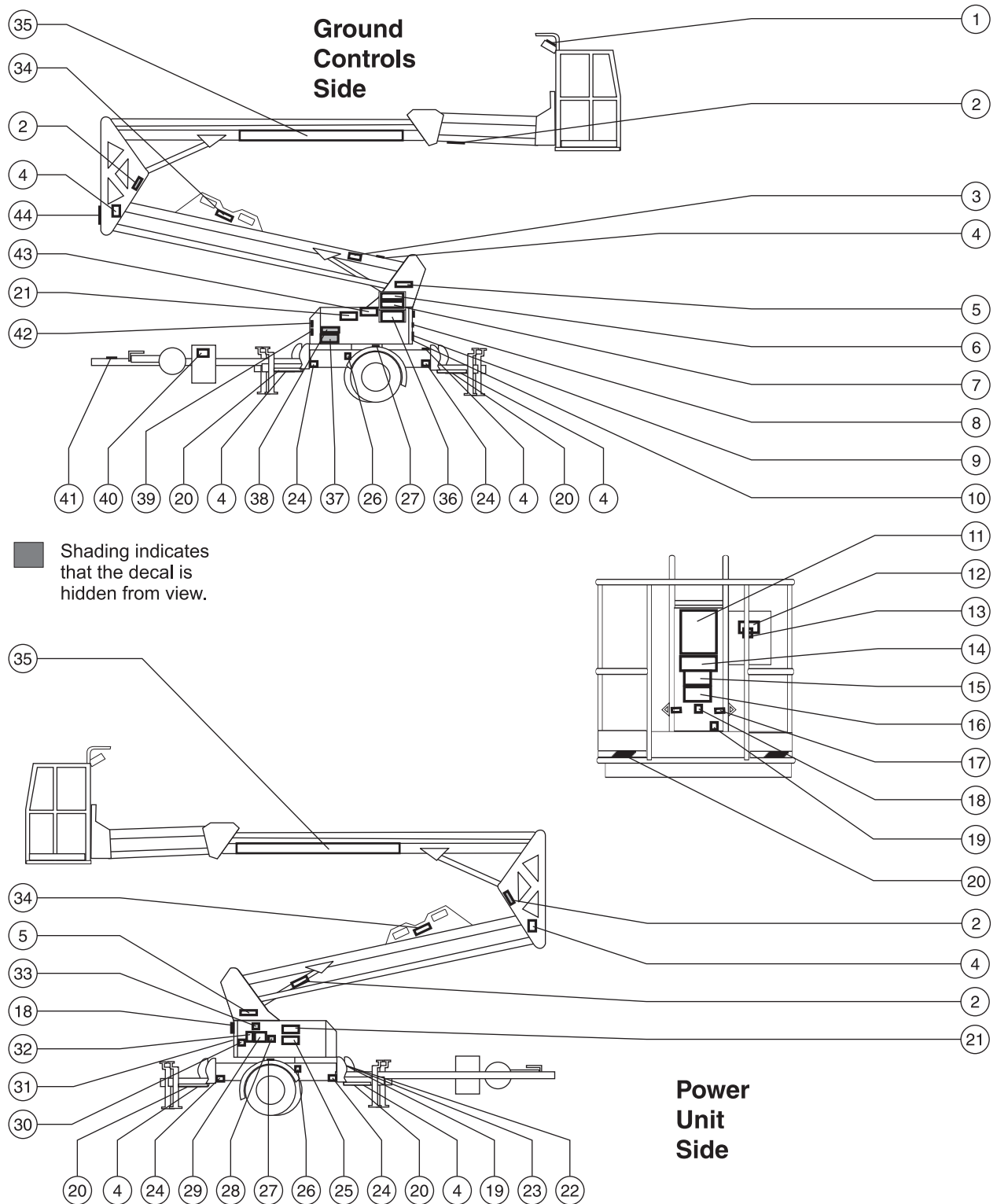
FIGURE 1-A

Index	Part No.	Description	Quantity	This Figure
—	72903	Decal Kit - Safety/Instructional (does not include index numbers 1, 5, 6, 7, 9, 15, 16, 19, 20, 22, 23, 26, 31, 35, 36, 40 and 41)	—	—
—	32150	Paint - Genie Blue, 1 Gallon (3.78 liters)	—	—
—	1484	Paint - Genie Blue, 12 Ounces (340.5 grams) Aerosol	—	—
1	76097	Decal - Platform Control Panel	1	
2	37145	Label - Manual Lowering	11	
3	31060	Danger - Do Not Alter Limit Switch	1	
4	28161	Warning - Crush Hand (models with manual outriggers)	4	
—	28161	Warning - Crush Hand (models with hydraulic outriggers)	12	
5	52004	Label - Interlock Display Lights (models with manual outriggers)	2	
6	49918	Notice - Material Lifting Operating Instructions (if equipped)	1	
7	72901	Notice - Operating Instructions, Ground	1	
8	38149	Label - Patents	1	
9	76409	Label - Serial Number, Mylar	1	
10	62719	Label - Arrow	2	
11	48719	Danger - General Safety Rules	1	
12	28236	Warning - Failure to Read	1	
13	28176	Notice - Missing Manuals (located inside manual storage box)	1	
14	65305	Notice - Operating Instructions, Platform	1	
15	37052	Notice - Maximum Capacity, 500 lbs (227 kg) (ANSI and CE models)	1	
—	44248	Notice - Maximum Capacity, 440 lbs (200 kg) (CSA and platform rotate models)	—	
16	65309	Notice - Side Force, 150 lbs/667N (ANSI and CSA models)	1	
—	44986	Notice - Side Force, 90 lbs/400N (CE models)	—	
17	40434	Label - Lanyard Anchorage Point	2	
18	72971	Label - Transport to Canada	2	
19	28235	Label - Power to Platform, 115V AC	2	
—	28174	Label - Power to Platform, 230V AC	—	
20	33550	Safety Tape - Black/Yellow Striped, 54 feet (16.5 m)	1	
21	27564	Danger - Electrocution Hazard	2	

This parts list continues. Please turn the page.

FIGURE 1-A

REV A



REV A

FIGURE 1-A

Index	Part No.	Description	Quantity	This Figure
22	76411	Label - Mylar, NHTSA	1	
23	44980	Notice - Power to Battery Charger, 115V AC	1	
—	43658	Notice - Power to Battery Charger, 230V AC	—	
24	52475	Label - Transport Tie-down	4	
25	65303	Notice - Manual Lowering Instructions	1	
26	72897	Notice - Tire Specifications (ANSI and CSA models)	2	
—	72908	Notice - Tire Specifications (CE models)	—	
27	62707	Warning - Towing Hazard	2	
28	28157	Label - Dexron ATF (before serial number T3402-376)	1	
—	82366	Label - Rykon (after serial number T3402-375)	—	
29	28175	Caution - Compartment Access	1	
30	28171	Label - No Smoking	1	
31	44981	Label - Air Line to Platform, 110 psi (7.6 bar) (option)	2	
—	65056	Label - Water Line to Platform (option)	—	
32	28164	Notice - Hazardous Materials	1	
33	52496	Notice - Manual Rotation Instructions	1	
34	65307	Caution - Forklift Pockets	2	
35	62066	Cosmetic, Genie TMZ-34/19	2	
36	76095	Overlay - Ground Control Panel (models with manual outriggers)	1	
—	76096	Overlay - Ground Control Panel (models with hydraulic outriggers)	—	
37	48726	Notice - Operating Instructions, Battery Charger	1	
38	48727	Danger - Battery/Charger Safety	1	
39	48734	Notice - Battery Connection Diagram	1	
40	35579	Notice - Maximum Capacity, Material Lift, 500 lbs (227 kg) (if equipped) (ANSI and CE models)	1	
—	62722	Notice - Maximum Capacity, Material Lift, 440 lbs (200 kg) (if equipped) (CSA models)	—	
41	48723	Label - Parking Brake, Surge (ANSI and CSA models)	1	
—	52557	Label - Parking Brake (CE models)	—	
42	48733	Danger, Tip-over (batteries)	1	
43	52008	Danger - General Safety, Ground	1	
44	72899	Notice - Transport Instructions	1	

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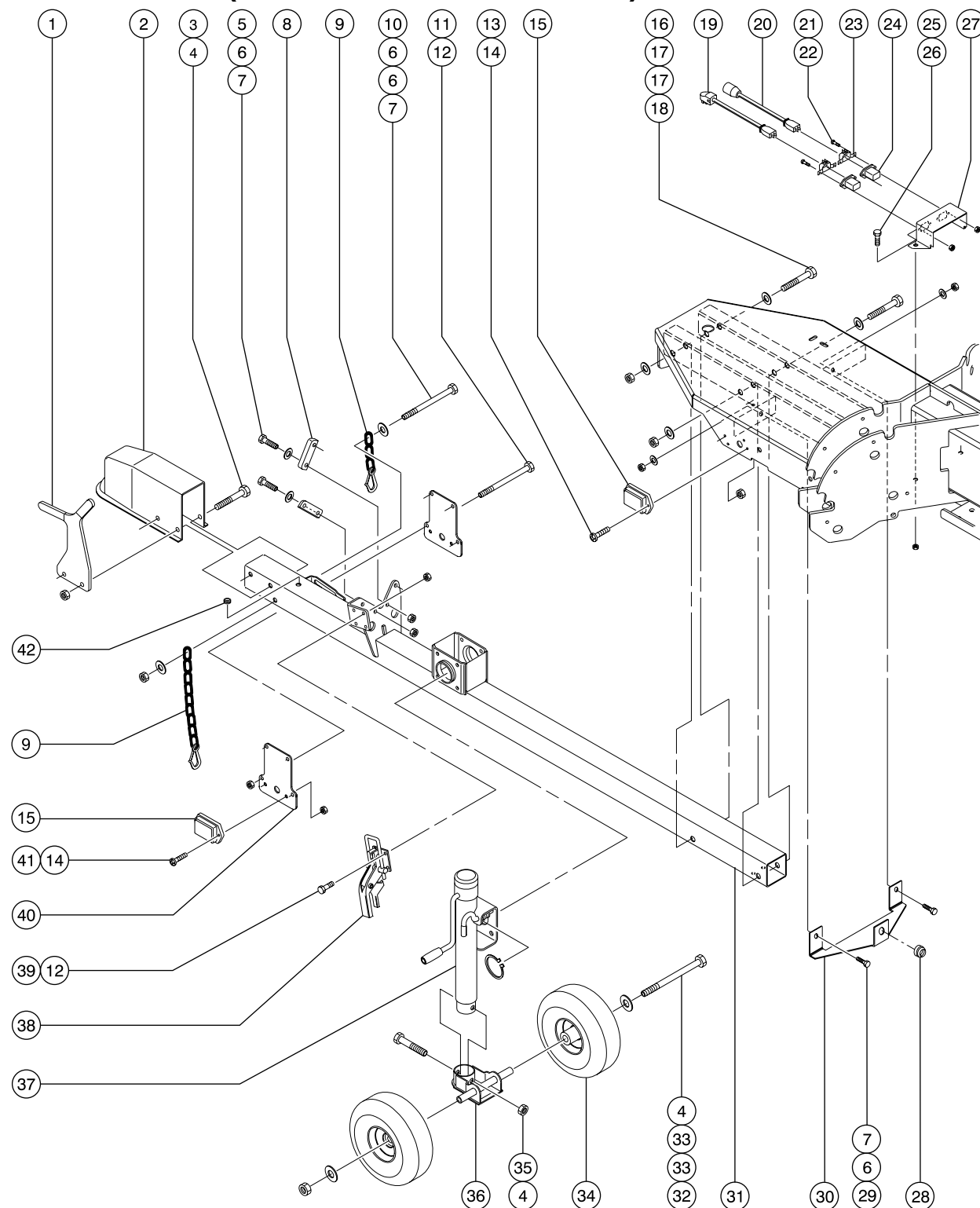
Section Two

Base Components

Figure 2-A

Base - ANSI and CSA Models (all serial numbers)
Base - CE Models (before serial number T3400-100)

REV D



REV D

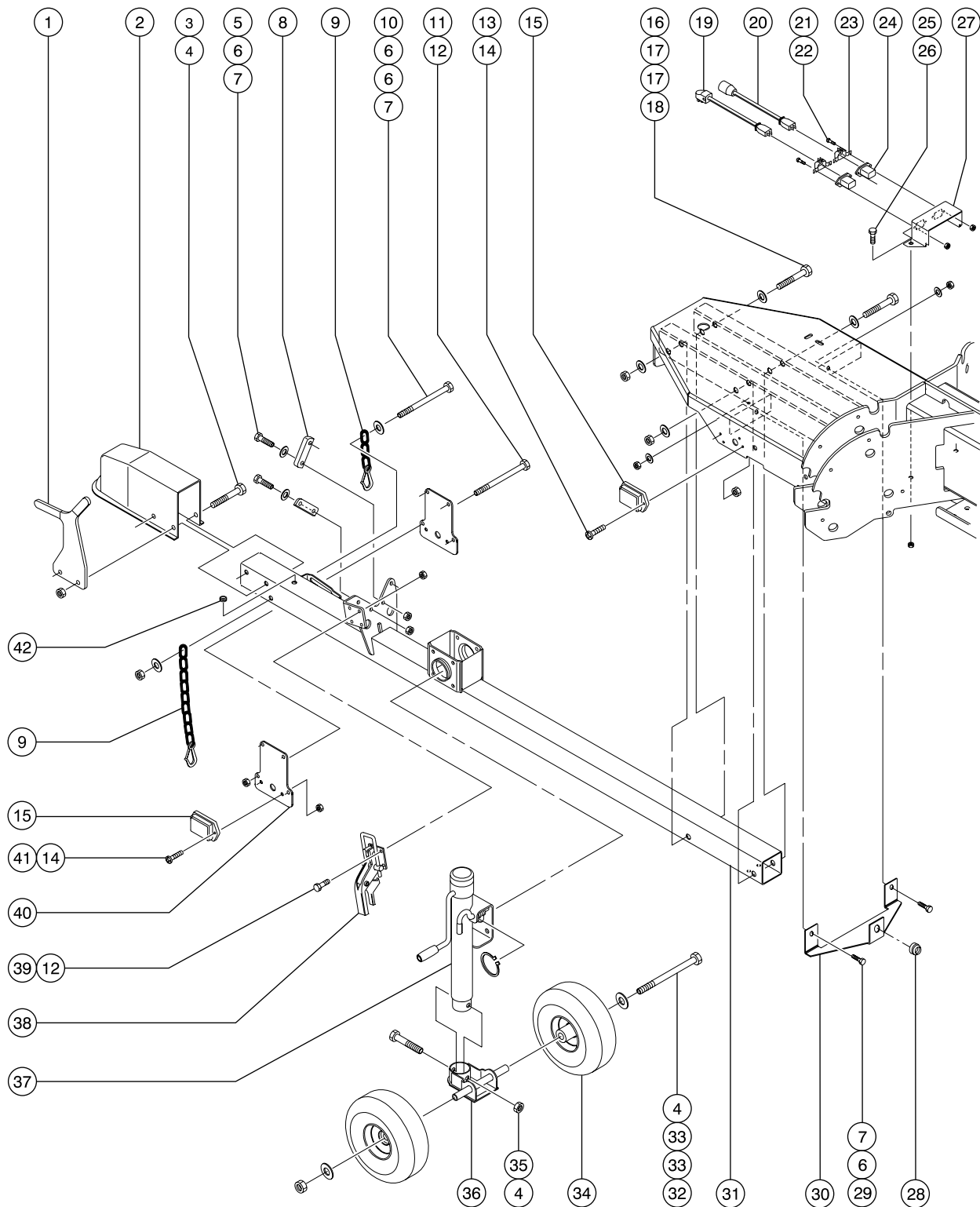
FIGURE 2-A

Index	Part No.	Description	Quantity	This Figure
—	76518	Service Kit - Standard Tongue Assembly (includes 1 each index numbers 28, 30 and 31 and 2 each index numbers 6, 7 and 29)	—	—
—	76519	Service Kit - Combination Tongue Assembly (includes index numbers 28, 30 and 31 and 2 each index numbers 6, 7 and 29)	—	—
1	72032	Tongue Handle Assembly (includes plastic covers) (ANSI and CSA models)	1	1
—	44733	Cover - Handle, Plastic	—	—
2	Ref.	Hitch Assembly (refer to Figure 2-E or 2-G)	—	—
3	49383	Screw - HHC, M12 x 1.75 x 120 mm, GR 8.8	2	2
4	49366	Nut - Nylock, M12	4	4
5	25548	Screw - HHC, M10 x 1.5 x 40 mm, GR 8.8	4	4
6	22699	Washer - Flat, M10	8	8
7	22736	Nut - Nylock, M10	8	8
8	41807	Wear Pad, 3.25 x 1 x 0.5 inch (8.26 x 2.54 x 1.27 cm)	2	2
9	46715	Safety Chain (includes hook)	2	2
10	55043	Screw - HHC, M10 x 1.5 x 120 mm, GR 8.8	1	1
11	49401	Screw - HHC, M8 x 1.25 x 100 mm, GR 8.8 (CSA models)	4	4
12	25368	Nut - Nylock, M8 (ANSI, CE models)	4	4
—	25368	Nut - Nylock, M8 (CSA models)	8	8
13	49417	Screw - PHM, M5 x 0.8 x 16 mm, GR 4.8	4	4
14	27082	Nut - Nylock, M5 (ANSI, CE models)	4	4
—	27082	Nut - Nylock, M5 (CSA models)	8	8
15	52135	Marker Light Assembly with Bulb (ANSI, CE models)	2	2
—	65206	Lens - Marker Light	—	—
—	65231	Bulb, 14V DC	—	—
15	52135	Marker Light Assembly with Bulb (CSA models)	4	4
—	65206	Lens - Marker Light	—	—
—	65231	Bulb, 14V DC	—	—
—	76398	Kit - Side Marker Light, Complete (CSA models)	—	—
16	49400	Screw - HHC, M16 x 2 x 220 mm, GR 8.8	2	2

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FIGURE 2-A

REV D



REV D

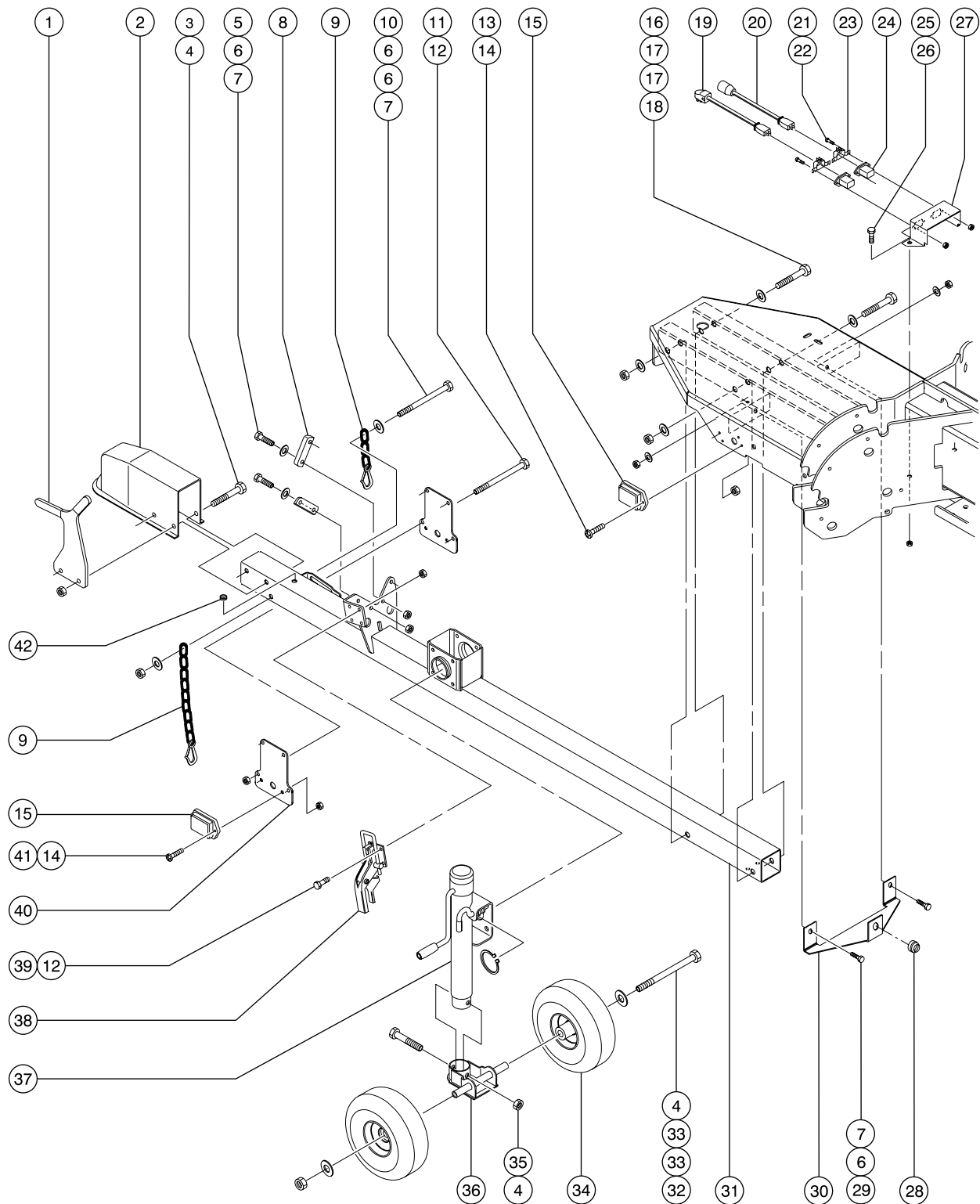
FIGURE 2-A

Index	Part No.	Description	Quantity This Figure
17	49414	Washer - Fender, M16	4
18	49362	Nut - Nylock, M16	2
19	55018	Power Cord - United Kingdom, 250V AC, 13A (shown)	1
—	55021	Power Cord - United States and Canada, 125V AC, 13A	—
—	55019	Power Cord - Continental Europe, 250V AC, 10A	—
—	55020	Power Cord - England, 240V AC, 16A	—
—	55033	Power Cord - Italy, 250V AC, 10A	—
—	55034	Power Cord - Japan, 125V AC, 15A	—
—	55035	Power Cord - Israel, 250V AC, 10A	—
—	55036	Power Cord - India, 250V AC, 10A	—
—	55037	Power Cord - Denmark, 250V AC, 10A	—
—	55038	Power Cord - Australia, 250V AC, 10A	—
—	55039	Power Cord - Switzerland, 250V AC, 10A	—
20	65308	Power Cord - United Kingdom, 125V AC, 13A	1
21	49374	Screw - PHM, M3 x 0.5 x 10 mm, GR 4.8 (United Kingdom)	4
—	49374	Screw - PHM, M3 x 0.5 x 10 mm, GR 4.8 (ANSI, CE and CSA models)	2
22	49368	Nut - Nylock, M3 (ANSI, CE and CSA models) (shown)	2
—	49368	Nut - Nylock, M3 (United Kingdom)	4
23	55010	Lock - Connector	1
24	46440	Connector - IEC 320 Inlet	1
—	46441	Pin - Connector, IEC 320 Inlet	—
—	55024	Wire Harness - Power to Platform, Base to Platform (CE models)	—
25	49375	Screw - HHC, M6 x 1 x 16 mm, GR 8.8	2
26	49364	Nut - Nylock, M6	2
27	72071	Power Inlet Housing Assembly with Decal (United Kingdom only, two connector openings) (decals are listed in section one) (shown)	1
—	72072	Power Inlet Housing Assembly with Decal (ANSI and CSA models, one connector opening) (decals are listed in section one)	—
—	72073	Power Inlet Housing Assembly with Decal (CE models, one connector opening) (decals are listed in section one)	—
28	76042	Grommet - Rubber 0.625 x 0.188 x 0.875 inch (1.588 x 0.478 x 2.223 cm) (after serial number T3402-260)	1
29	27034	Screw - HHC, M10 x 1.5 x 25 mm, GR 8.8 (after serial number T3402-260)	2
30	85297	Brake Tube Holder Assembly (after serial number T3402-260) (includes 1 index number 28)	1

This parts list continues. Please turn the page.

FIGURE 2-A

REV D



REV D

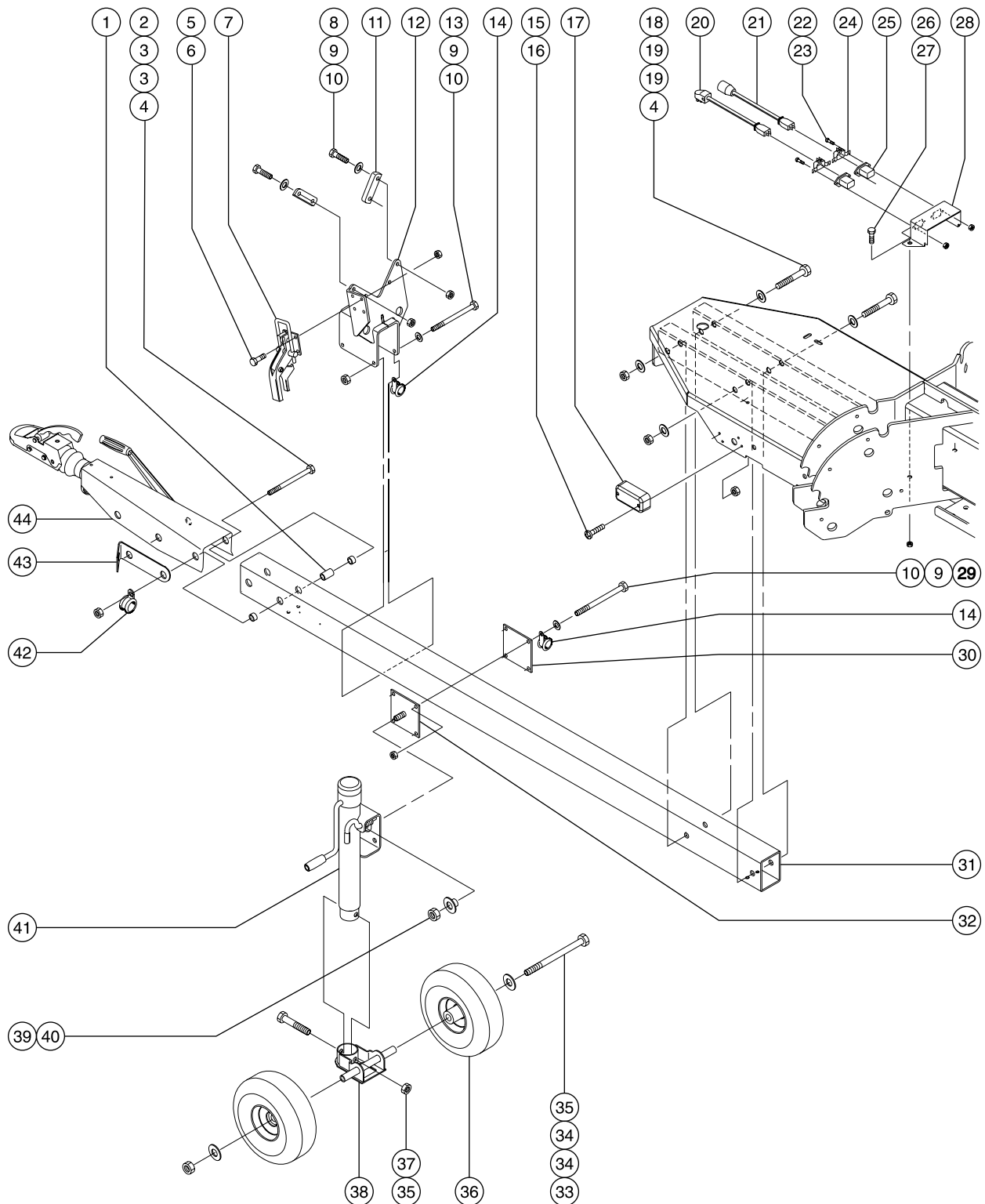
FIGURE 2-A

Index	Part No.	Description	Quantity This Figure
31	72030	Tongue Assembly with Decal (models with hydraulic brakes and standard hitch) (includes index numbers 5 and 8, and 4 each of index number 6 and 7) (decals are listed in Section One)	1
—	65322	Tongue Assembly with Decal (models with hydraulic brakes and combination hitch) (includes 4 each of index numbers 5, 6 and 7, and index number 8) (decals are listed in Section One)	—
—	72031	Tongue Assembly with Decal (CE models with mechanical brakes) (includes 4 each of index numbers 5, 6 and 7, and index number 8) (decals are listed in Section One)	—
32	49402	Screw - HHC, M12 x 1.75 x 220 mm, GR 8.8	1
33	49410	Washer - Flat, M12	2
34	40624	Wheel and Tire Assembly - Pneumatic, 10 inches	2
—	52133	Tire and Tube 4.00/3.50	—
35	49382	Screw - HHC, M12 x 1.75 x 70 mm, GR 8.8	1
36	44653	Mount - Wheel, Tongue Jack	1
37	43469	Tongue Jack	1
—	52289	Snap Ring - External, 2.32 inches (5.89 cm)	—
38	43456	Clamp, Boom Hold-down	1
39	49379	Screw - HHC, M8 x 1.25 x 25 mm, GR 8.8	4
40	76401	Bracket - Marker Light Mount (CSA models)	2
41	76402	Screw - PHM, M5 x 0.8 x 20 mm (CSA models)	4
42	24647	Grommet - Rubber, 0.375 I.D. x 0.788 O.D inch (9.5 I.D. x 20 O.D. mm)	1

Figure 2-B

Base - CE Models (after serial number T3400-099)

REV A



REV A

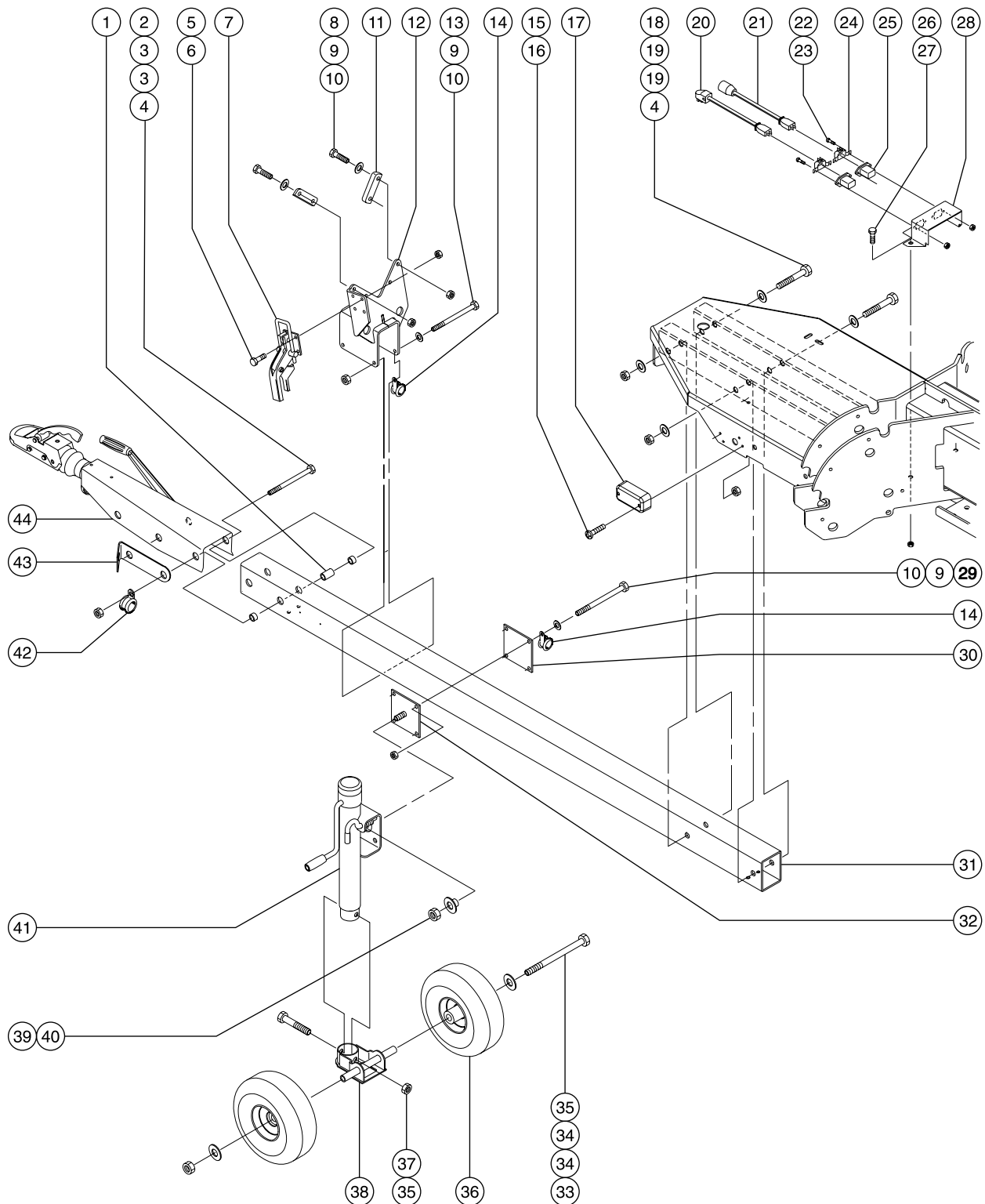
FIGURE 2-B

Index	Part No.	Description	Quantity	This Figure
1	67890	Spacer - Mechanical Hitch	2	
2	59581	Screw - HHC, M16 x 2 x 150 mm, GR 8.8	2	
3	67891	Bushing - Mechanical Hitch	4	
4	49362	Nut - Nylock, M16	4	
5	49379	Screw - HHC, M8 x 1.25 x 25 mm, GR 8.8	4	
6	25368	Nut - Nylock, M8	4	
7	43456	Clamp, Boom Hold-down	1	
8	25548	Screw - HHC, M10 x 1.5 x 40 mm, GR 8.8	4	
9	22699	Washer - Flat, M10	10	
10	22736	Nut - Nylock, M10	10	
11	41807	Wear Pad, 3.25 x 1 x 0.5 inch (8.26 x 2.54 x 1.27 cm)	2	
12	72106	Alignment Bracket Assembly (includes 2 index number 11, 4 each index numbers 4, 9 and 10, and 1 index number 12)	1	
13	67913	Screw - HHC, M10 x 1.5 x 110 mm, GR 8.8	2	
14	67897	Clamp - Rubber Cushioned, 0.406 inch (1.03 cm)	2	
15	49417	Screw - PHM, M5 x 0.8 x 16 mm, GR 4.8	4	
16	27082	Nut - Nylock, M5	4	
17	67875	Marker Light with Bulb	2	
—	72107	Lens - Marker Light Assembly	—	
—	72108	Bulb, 12V DC	—	
18	49400	Screw - HHC, M16 x 2 x 220 mm, GR 8.8	2	
19	49414	Washer - Fender, M14	4	
20	55018	Power Cord - United Kingdom & Ireland, 250V AC, 13A (shown)	1	
—	55019	Power Cord - Continental Europe, 250V AC, 10A	—	
—	55020	Power Cord - England, 240V AC, 16A	—	
—	55033	Power Cord - Italy, 250V AC, 10A	—	
—	55036	Power Cord - India, 250V AC, 10A	—	
—	55037	Power Cord - Denmark, 250V AC, 10A	—	
—	55038	Power Cord - Australia, 250V AC, 10A	—	
—	55039	Power Cord - Switzerland, 250V AC, 10A	—	
21	65308	Power Cord - United Kingdom, 125V AC, 13A	1	
22	49374	Screw - PHM, M3 x 0.5 x 10 mm, GR 4.8 (United Kingdom models)	4	
—	49374	Screw - PHM, M3 x 0.5 x 10 mm, GR 4.8	2	

This parts list continues. Please turn the page.

FIGURE 2-B

REV A



REV A

FIGURE 2-B

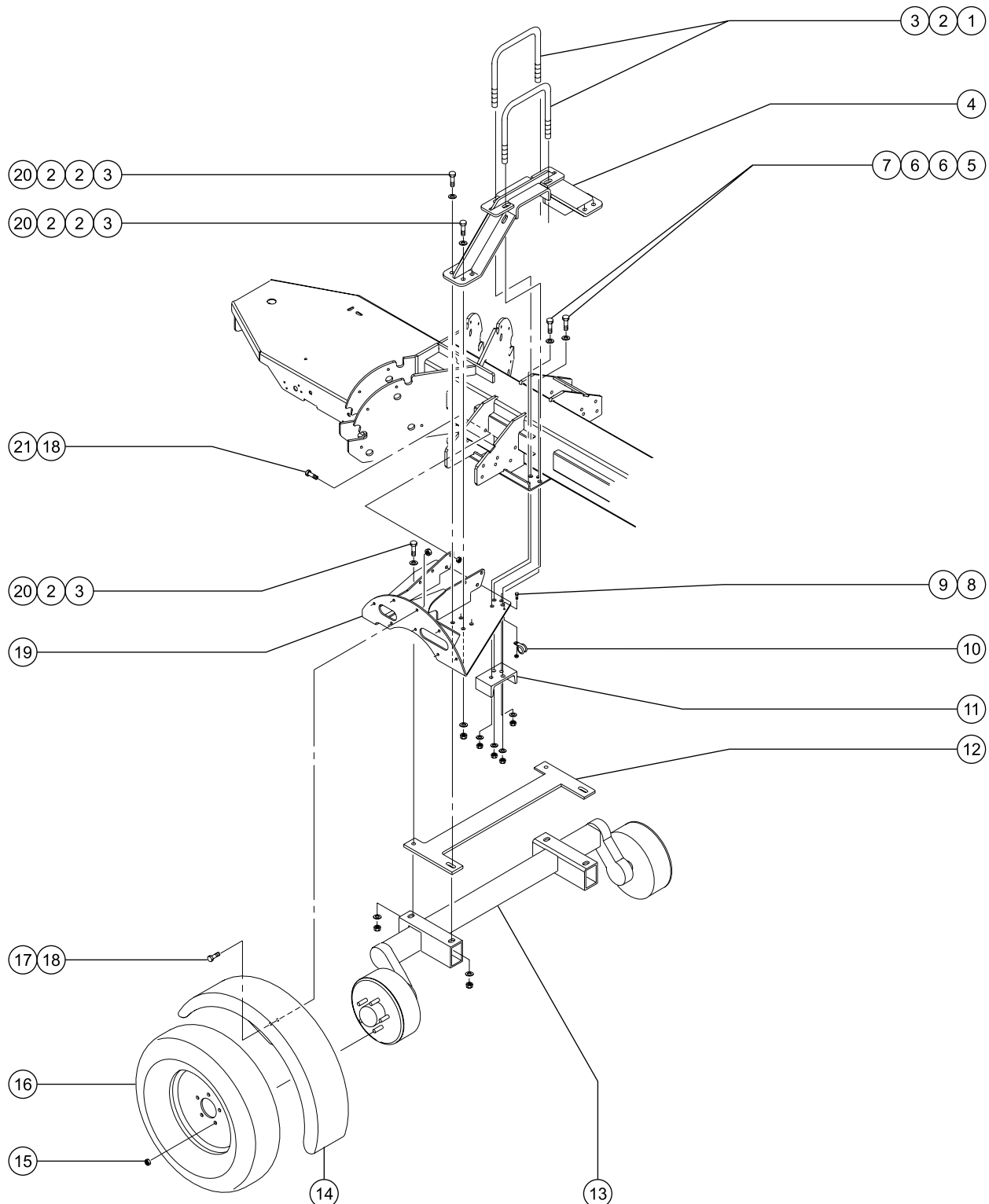
Index	Part No.	Description	Quantity This Figure
23	49368	Nut - Nylock, M3 (United Kingdom models)	4
—	49368	Nut - Nylock, M3	2
24	55010	Lock - Connector	2*
25	46440	Connector - IEC 320 Inlet	2*
—	46441	Pin - Connector, IEC 320 Inlet	—
—	55024	Wire Harness - Power to Platform, Base to Platform	—
26	49375	Screw - HHC, M6 x 1 x 16 mm, GR 8.8	2
27	49364	Nut - Nylock, M6	2
28	72071	Power Inlet Housing Assembly with Decal (United Kingdom only, two connector openings) (decals are listed in section one) (shown)	1
—	72073	Power Inlet Housing Assembly with Decal (CE models, one connector opening) (decals are listed in section one)	—
29	67896	Screw - HHC, M10 x 1.5 x 100 mm, GR 8.8	4
30	67892	Plate - Jack Support	1
31	72102	Tongue Assembly with Decal (decals are listed in Section One)	1
32	72103	Plate - Tongue Jack Mount	1
33	49402	Screw - HHC, M12 x 1.75 x 220 mm, GR 8.8	1
34	49410	Washer - Flat, M12	2
35	49366	Nut - Nylock, M12	2
36	40624	Wheel and Tire Assembly - Pneumatic, 10 inches (before serial number T3402-399) ..	2
—	52133	Tire and Tube, 4.00/3.50	—
36	76571	Wheel and Tire Assembly - Pneumatic, 10 inches (after serial number T3402-400)	2
—	76573	Tire and Tube, 4.10/3.50-4	—
37	49382	Screw - HHC, M12 x 1.75 x 70 mm, GR 8.8	1
38	44653	Mount - Wheel, Tongue Jack	1
39	72104	Nut - Lock, 1/2 -13	1
40	72105	Spacer - Tongue Jack	1
41	67894	Tongue Jack	1
42	67902	Clamp - Rubber Cushioned, 0.75 inch (19.05 mm)	1
43	55061	Bracket - Trailer Wiring Storage	1
44	Ref.	Hitch Assembly (refer to Figure 2-F)	—

*Quantity listed may not reflect specific model configuration requirements.

Figure 2-C

Axle and Hub - ANSI and CSA Models

REV A



REV A

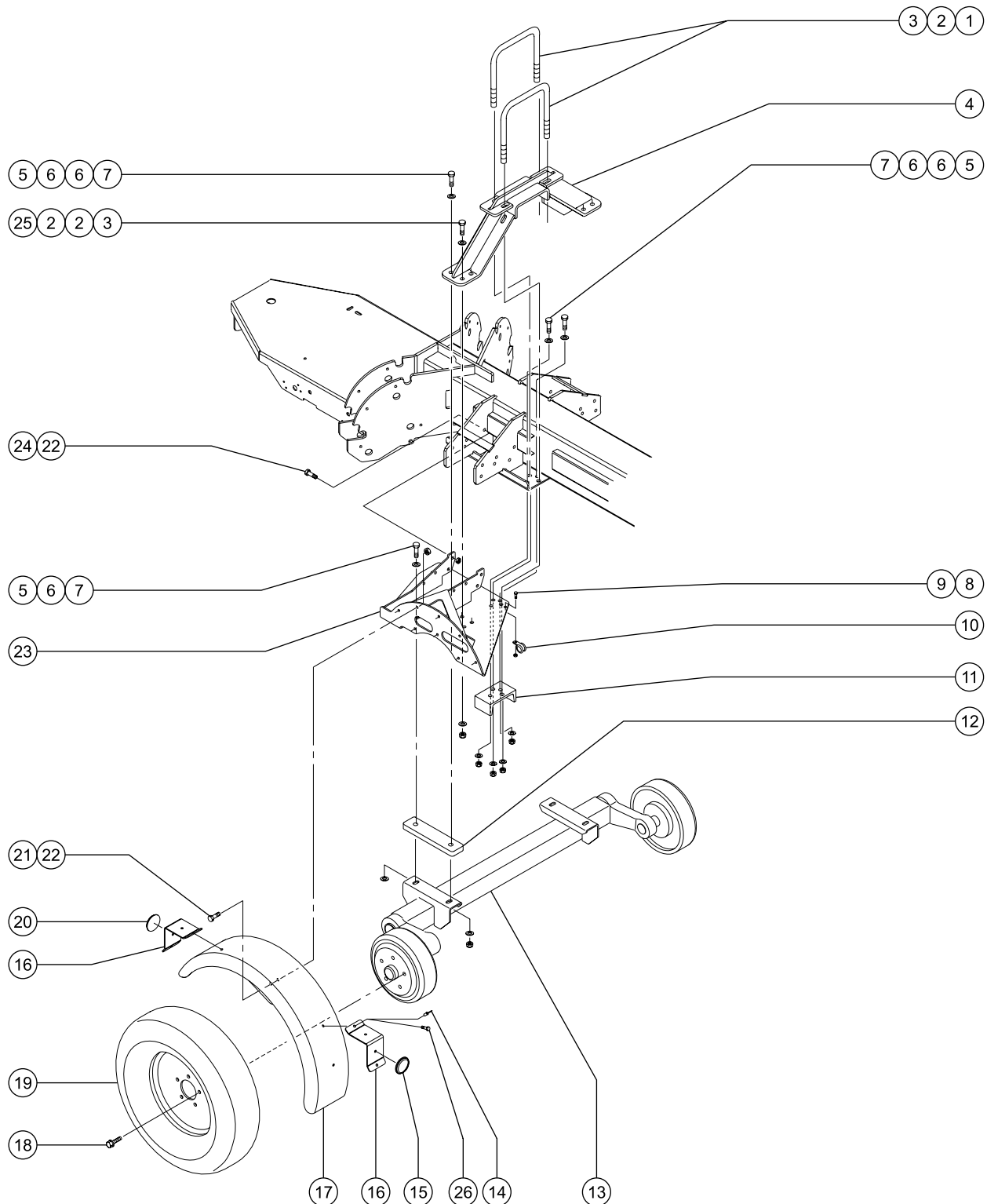
FIGURE 2-C

Index	Part No.	Description	Quantity	This Figure
1	76373	U-Bolt, M14 x 2	2	
2	67723	Washer - Flat, Hardened, M14	32	
3	49367	Nut - Nylock, M14	16	
4	76369	Weldment - Gusset	1	
5	60868	Screw - HHC, M12 x 1.75 x 45 mm	8	
6	67722	Washer - Flat, Hardened, M12	16	
7	49366	Nut - Nylock, M12	8	
8	49375	Screw - HHC, M6 x 1 x 16 mm, GR 8.8	2	
9	49364	Nut - Nylock, M6	2	
10	16073	Clamp - Rubber Cushioned, 5/8 inch	2	
11	76389	Stiffener - Axle Mount	2	
12	76360	Plate - Axle Spacer	1	
13	76356	Axle Assembly with Brakes (Brakes are shown in Figure 2-J)	1	
14	80277	Fender Assembly with Decal (decals are listed in Section One)	2	
15	46717	Nut - Lug, 1/2 -20 UNF	10	
16	76322	Tire and Wheel Assembly	2	
—	80270	Wheel, 14 inches	—	
—	80271	Tire - ST195/75, D14 inches, Load Range D	—	
17	55029	Screw - BHSC, M10 x 1.5 x 25 mm	16	
18	22736	Nut - Nylock, M10	22	
19	76324	Weldment - Fender Mount, Ground Controls Side (shown)	1	
—	76325	Weldment - Fender Mount, Power Unit Side	—	
20	34265	Screw - HHC, M14 x 2 x 55 mm, GR 8.8	4	
21	27034	Screw - HHC, M10 x 1.5 x 25 mm, GR 8.8	6	

Figure 2-D

Axle and Hub - CE Models

REV C



REV C

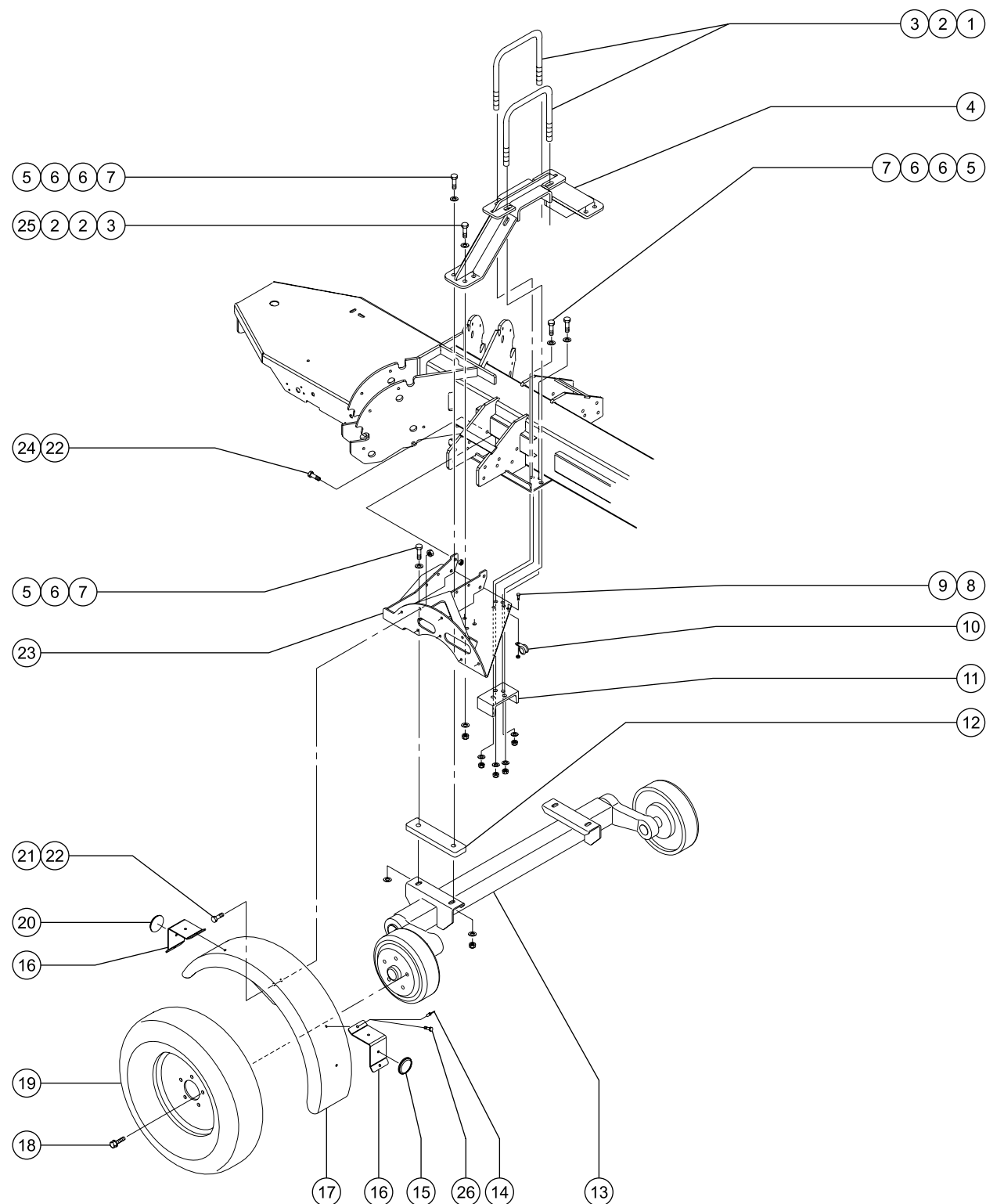
FIGURE 2-D

Index	Part No.	Description	Quantity	This Figure
—	85301	Fender Assembly with Decals (Italian models) (includes index numbers 15 and 20, 2 each index number 16 and 8 each index number 14) (decals are listed in Section One)	—	—
—	85302	Fender Assembly with Decals (Dutch models) (includes index numbers 15 and 20, 2 each index number 16 and 8 each index number 26) (decals are listed in Section One)	—	—
1	76373	U-Bolt, M14 x 2	2	
2	67723	Washer - Flat, Hardened, M14	16	
3	49367	Nut - Nylock, M14	10	
4	76369	Weldment - Gusset	1	
5	59971	Screw - HHC, M12 x 1.75 x 80 mm (before serial number T3400-244)	10	
—	67418	Screw - HHC, M12 x 1.75 x 60 mm (after serial number T3400-243)	—	
6	67722	Washer - Flat, Hardened, M12	26	
7	49366	Nut - Nylock, M12	12	
8	49375	Screw - HHC, M6 x 1 x 16 mm, GR 8.8	2	
9	49364	Nut - Nylock, M6	2	
10	16073	Clamp - Rubber Cushioned, ⁵ / ₈ inch	2	
11	76389	Stiffener - Axle Mount	2	
12	59717	Plate - Mechanical Axle Spacer (before serial number T3400-243)	6	
—	59717	Plate - Mechanical Axle Spacer (after serial number T3400-244)	2	
13	76404	Axle Assembly with Brakes (Brakes are shown in Figure 2-K)	1	
14	7265	Rivet - Steel, 0.25 x 0.375 inch (0.63 x 0.95 cm) (Italian models)	8	
15	67958	Reflector - Red (Italian and Dutch models)	2	
16	67962	Bracket, Reflector mount (Italian and Dutch models)	4	
17	80286	Fender Weldment with Decal (decals are listed in Section One)	2	
18	55140	Bolt - Lug, M12 x 1.75 x 20 mm	10	
19	55087	Tire and Wheel Assembly (CE models)	2	
—	65333	Wheel, 15 inches	—	
—	65334	Tire - 195/65R15, 91T	—	
20	67959	Reflector - White (Italian and Dutch models)	2	
21	55029	Screw - BHSC, M10 x 1.5 x 25 mm	16	
22	22736	Nut - Nylock, M10	2	

This parts list continues. Please turn the page.

FIGURE 2-D

REV C



REV C

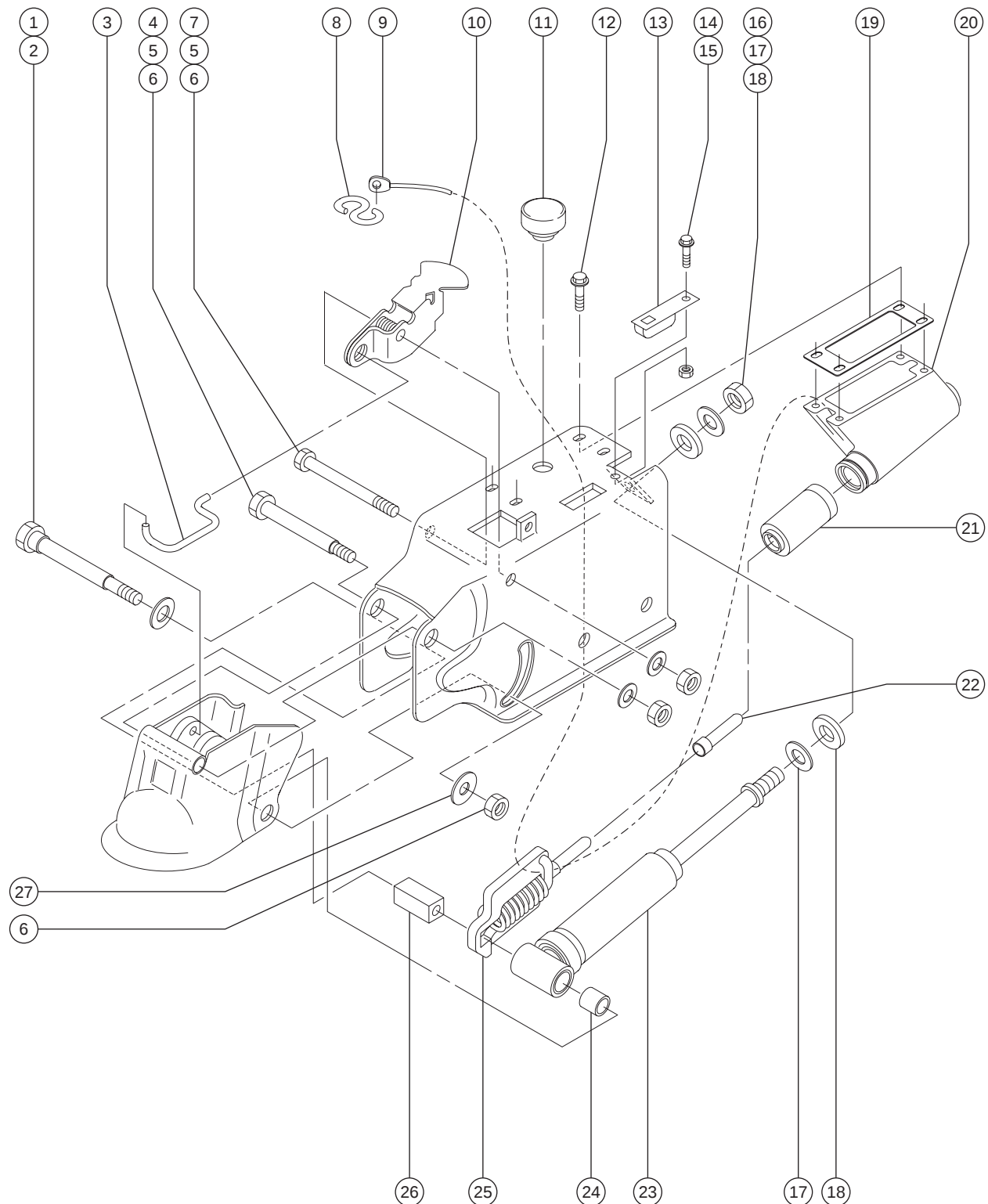
FIGURE 2-D

Index Part No.		Description	Quantity This Figure
23	76333	Weldment - Axle Mounting Bracket, Ground Controls Side (shown)	1
—	76334	Weldment - Axle Mounting Bracket, Power Unit Side	—
24	27034	Screw - HHC, M10 x 1.5 x 25 mm, GR 8.8	6
25	34265	Screw - HHC, M14 x 2 x 55 mm, GR 8.8	6
26	7256	Screw - HHC, $\frac{5}{16}$ -18 x 6 inches, GR 2 (Dutch models)	8

Figure 2-E

Hitch Assembly - ANSI and CSA Models

REV B



REV B

FIGURE 2-E

The components for this hitch are not available individually. They are available by purchasing any of the kits listed below. Please use the list at the bottom to identify the components that are included in each kit.

Index	Part No.	Description	Quantity This Figure
—	44651	Hitch Assembly - Complete	—
—	52143	Shock Absorber Replacement Kit (includes item numbers 6, 16, 17, 18 and 23)	—
—	52144	Master Cylinder Push Rod Kit (includes item numbers 6, 8, 9, 12, 19, 20, 21, 22 and 25)	—
—	52145	Cap (includes item number 11)	—
—	52146	Master Cylinder Replacement Kit (includes item numbers 12, 19 and 20)	—
—	52147	Shoulder Bolt Replacement Kit (includes item numbers 1, 2, 6, 24, 26 and 27)	—
—	52148	Release Handle Replacement Kit (includes item numbers 3, 4, 5, 6, 7 and 10)	—
—	52149	Stop and Spring Assembly Replacement Kit (includes item numbers 13, 14, 15, 16, 17 and 18)	—
—	52150	Push Rod Assembly Replacement Kit (includes item numbers 6, 8, 9, 12, 19, 22 and 25)	—
—	52151	Boot Replacement Kit (includes item number 21)	—

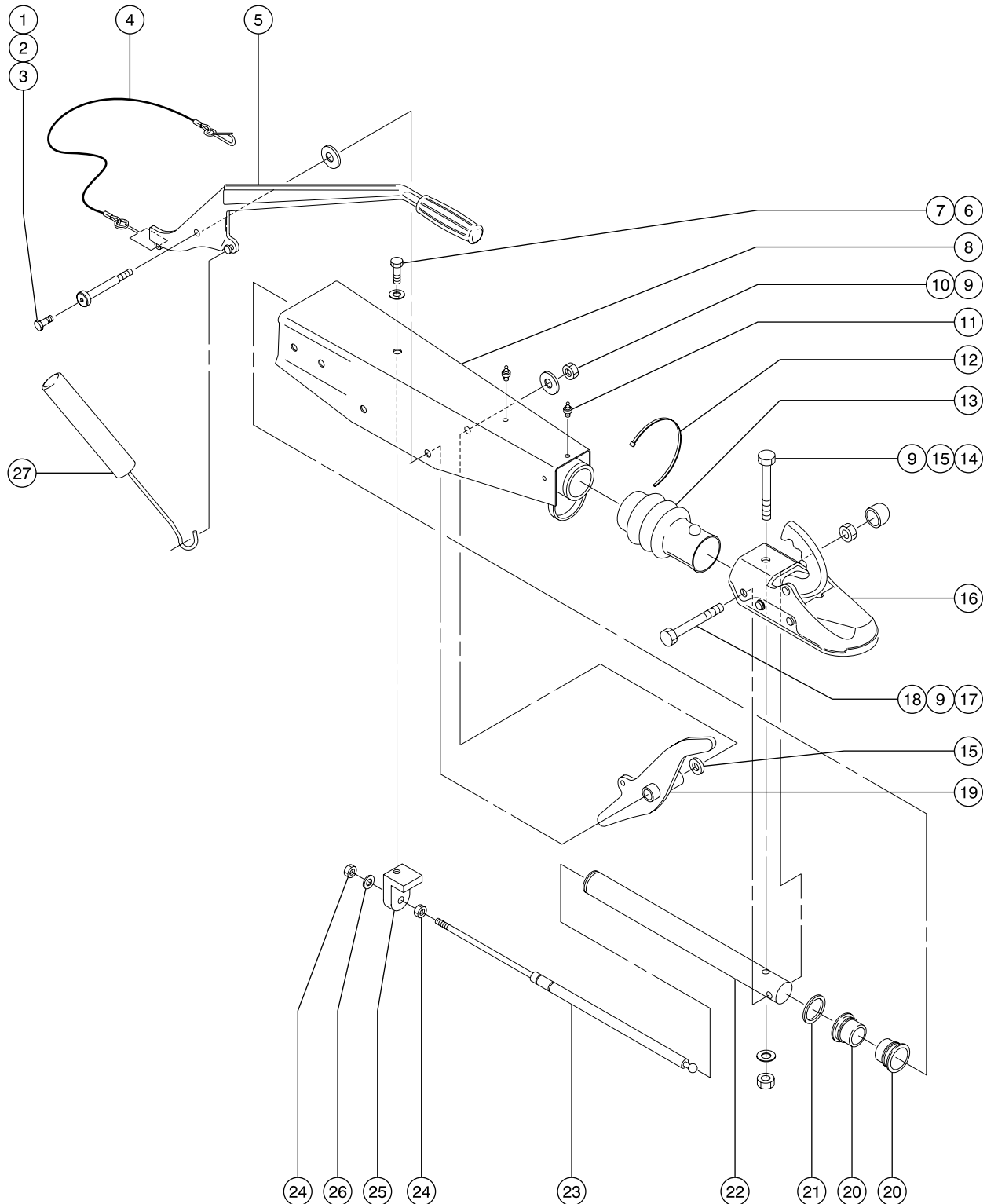
Use this list to identify the components in Figure 2-E

Item	Description	Included in Kit Number	Item	Description	Included in Kit Number
1	Shoulder Bolt	52147	14	Screw	52149
2	Washer	52147	15	Nut	52149
3	Release Handle Clip	52148	16	Nut	52143 and 52149
4	Shoulder Bolt	52148	17	Washer	52143 and 52149
5	Washer	52148	18	Spacer	52143 and 52149
6	Nut	52143, 52144, 52147, 52148 and 52150	19	Gasket	52144, 52146 and 52150
7	Shoulder Bolt	52148	20	Reservoir	52144 and 52146
8	Hook	52144 and 52150	21	Boot	52144 and 52151
9	Cable	52144 and 52150	22	Rod Sleeve	52144 and 52150
10	Latch	52148	23	Shock Absorber	52143
11	Cap	52145	24	Bushing	52147
12	Screw	52144, 52146 and 52150	25	Push Rod	52144 and 52150
13	Stop	52149	26	Spacer	52147
			27	Washer	52147

Figure 2-F

Hitch Assembly - CE Models

REV A



REV A

FIGURE 2-F

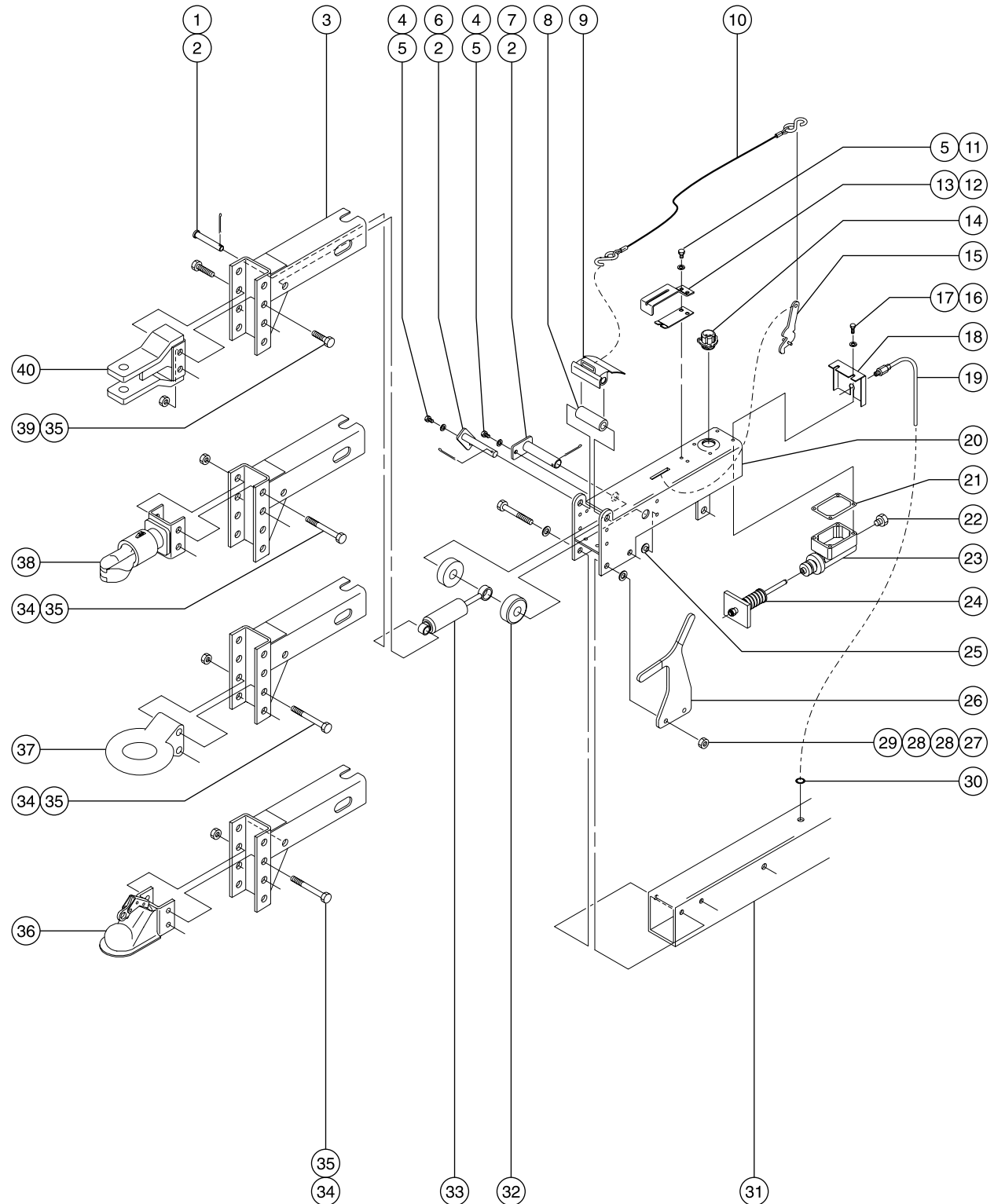
Index	Part No.	Description	Quantity	This Figure
—	55053	Mechanical Hitch Assembly - Complete	—	—
1	65349	Screw - Threaded, HHC, M10 x 1.5 x 20 mm, GR 8.8	1	1
2	65350	Screw with Threaded Pin, M12 x 1.75 x 80 mm (includes index number 1)	1	1
3	65352	Washer - Flat, M12	1	1
4	65341	Cable, Break-away (includes eye and snap ring)	1	1
5	65340	Brake Lever Assembly (includes index number 4)	1	1
6	65351	Screw - HHC, M12 x 1.75 x 25 mm	1	1
7	65355	Washer - Lock, M12	1	1
8	65353	Housing	1	1
9	65401	Nut - Beveled, M12	3	3
10	65354	Washer - Disk, M12	1	1
11	65344	Zerk - Grease	2	2
12	13469	Cable Tie, 11.375 inches (29 cm)	1	1
13	65339	Boot - Shaft	1	1
14	49382	Screw - HHC, M12 x 1.75 x 70 mm, GR 8.8	1	1
15	65400	Washer - Flat, M12	2	2
16	65338	Coupler	1	1
17	59971	Screw - HHC, M12 x 1.75 x 80 mm	1	1
18	65346	Cover - Protective	1	1
19	65342	Internal Lever Assembly with Hardware (includes clevis, pin and cotter pin)	1	1
20	65343	Bearing - Shaft	2	2
21	65345	Stop Ring	1	1
22	65336	Shaft	1	1
23	65337	Shock Absorber	1	1
24	65402	Nut - HHC, M10	2	2
25	65347	Bracket - Shock Absorber	1	1
26	65403	Washer - Wavy, M10	1	1
27	65348	Spring Sleeve	1	1

Figure 2-G

Hitch Options - ANSI and CSA Models

REV D

(before serial number T3402-199)



REV D

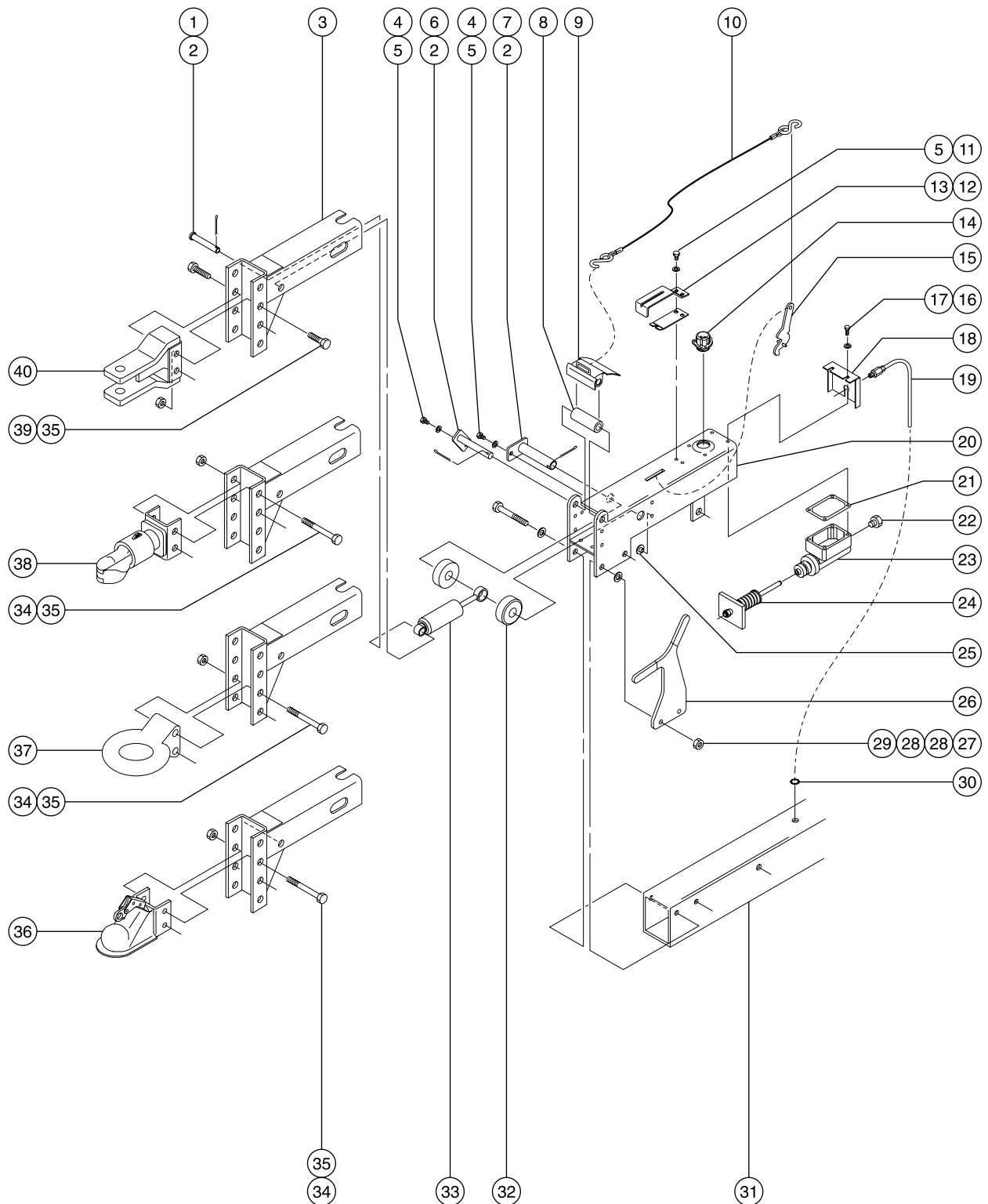
FIGURE 2-G

Index	Part No.	Description	Quantity This Figure
—	59582	Hitch Assembly (includes index numbers 1 through 18, 20 through 25, 32 and 33)	1
—	62769	Kit - Emergency Lever Replacement (includes index numbers 10, 13 and 15)	—
—	62770	Kit - Cast Master Cylinder Repair	—
—	97453	Kit - Plastic Master Cylinder Repair	—
—	62771	Kit - Coupler Repair	—
1	62765	Pin - Damper, Front Shock	1
2	62866	Pin - Cotter, 1.5 x 0.156 inch (3.8 x 0.39 cm)	3
3	62766	Channel - Coupler Mounting	1
4	62863	Screw - HHC, $\frac{5}{16}$ -18 x 0.5 inch, GR 5	2
5	62864	Washer - Lock, External Tooth, $\frac{5}{16}$ inch	4
6	62865	Pin - Roller, Outer	1
7	62867	Pin - Roller, Inner	1
8	62868	Roller	1
9	62869	Cover - Roller	1
10	62870	Cable Assembly (includes hooks)	1
—	62772	Hook - Cable Assembly (2 each required)	—
11	62871	Screw - HHC, $\frac{5}{16}$ -18 x 0.63 inch, GR 5	2
12	62872	Lever Guide	1
13	62873	Lever Spring - Emergency	1
14	62874	Cap - Master Cylinder	1
—	62773	O-Ring, Master Cylinder	—
15	62877	Emergency Lever	1
16	62875	Screw - HHC, $\frac{1}{4}$ -20 x 0.75 inch, GR 5	4
17	62876	Washer - Lock, Internal Tooth, $\frac{1}{4}$ inch	4
18	62878	Cover - Actuator Case	1
19	67304	Brake Line, 148 inches (3.8 m)	1
20	62760	Actuator Case	1

This parts list continues. Please turn the page.

FIGURE 2-G

REV D



REV D

FIGURE 2-G

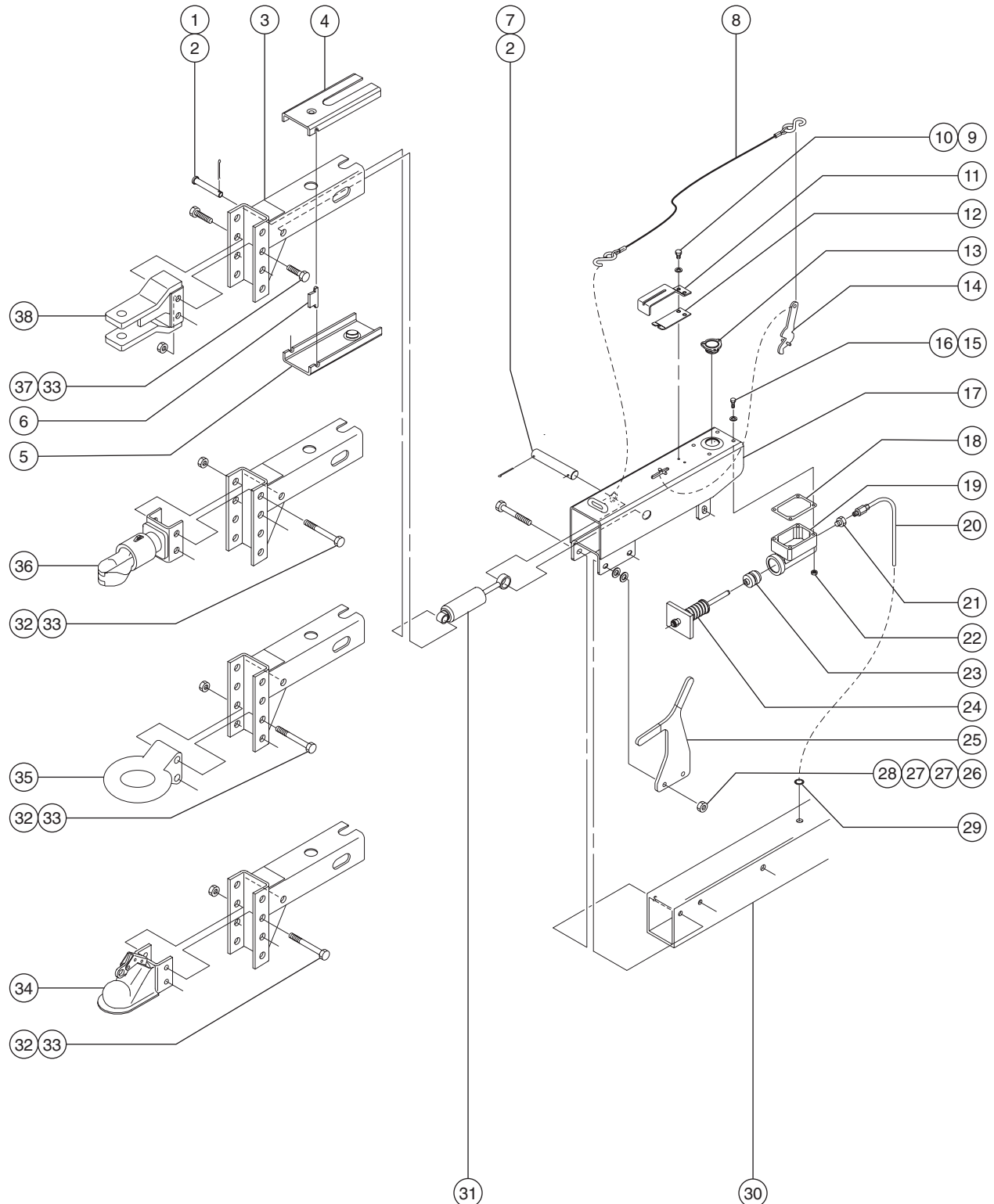
Index	Part No.	Description	Quantity This Figure
21	62762	Gasket - Cast Master Cylinder	1
—	75871	Gasket - Plastic Master Cylinder	—
22	62761	Connector - Orifice, 0.018 inch (0.46 mm)	1
23	97454	Cast Master Cylinder with Gasket (includes index number 21)	1
—	75873	Plastic Master Cylinder with Gasket (includes index number 21)	—
24	62879	Push Rod Assembly	1
25	62767	Glide Button - Nylatron	10
26	72032	Tongue Handle Assembly (includes plastic covers)	1
—	44733	Cover - Handle, Plastic	—
27	49366	Nut - Nylock, M12	3
28	49410	Washer - Flat, M12	6
29	49383	Screw - HHC, M12 x 1.75 x 120 mm, GR 8.8	3
30	24647	Grommet - Rubber, 0.375 I.D. x 0.788 O.D. inch (9.525 I.D. x 20.015 O.D. mm)	1
31	Ref.	Tongue Assembly (refer to Figure 2-A)	—
32	62763	Roller - Brake Actuator	2
33	62764	Damper - Shock	1
34	59711	Screw - HHC, M16 x 2 x 110 mm, GR 8.8	6
35	49362	Nut - Nylock, M16	10
36	59752	Coupler - Lever Lock, 2 ⁵ / ₁₆ inches (5.9 cm)	1
—	67229	Coupler - Lever Lock, 2 inches (5.1 cm)	—
37	59720	Coupler - Pintle Ring	1
—	67232	Coupler - Pintle Ring, CE, 65 mm	—
38	67230	Coupler - Bulldog, 2 inches (5.1 cm)	1
—	67231	Coupler - Bulldog, 2 ⁵ / ₁₆ inches (5.9 cm)	—
39	59969	Screw - HHC, M16 x 2 x 30 mm, GR 8.8	4
40	59753	Coupler - Clevis	1

Figure 2-G.1

Hitch Options - ANSI and CSA Models

REV A

(after serial number T3402-198)



REV A

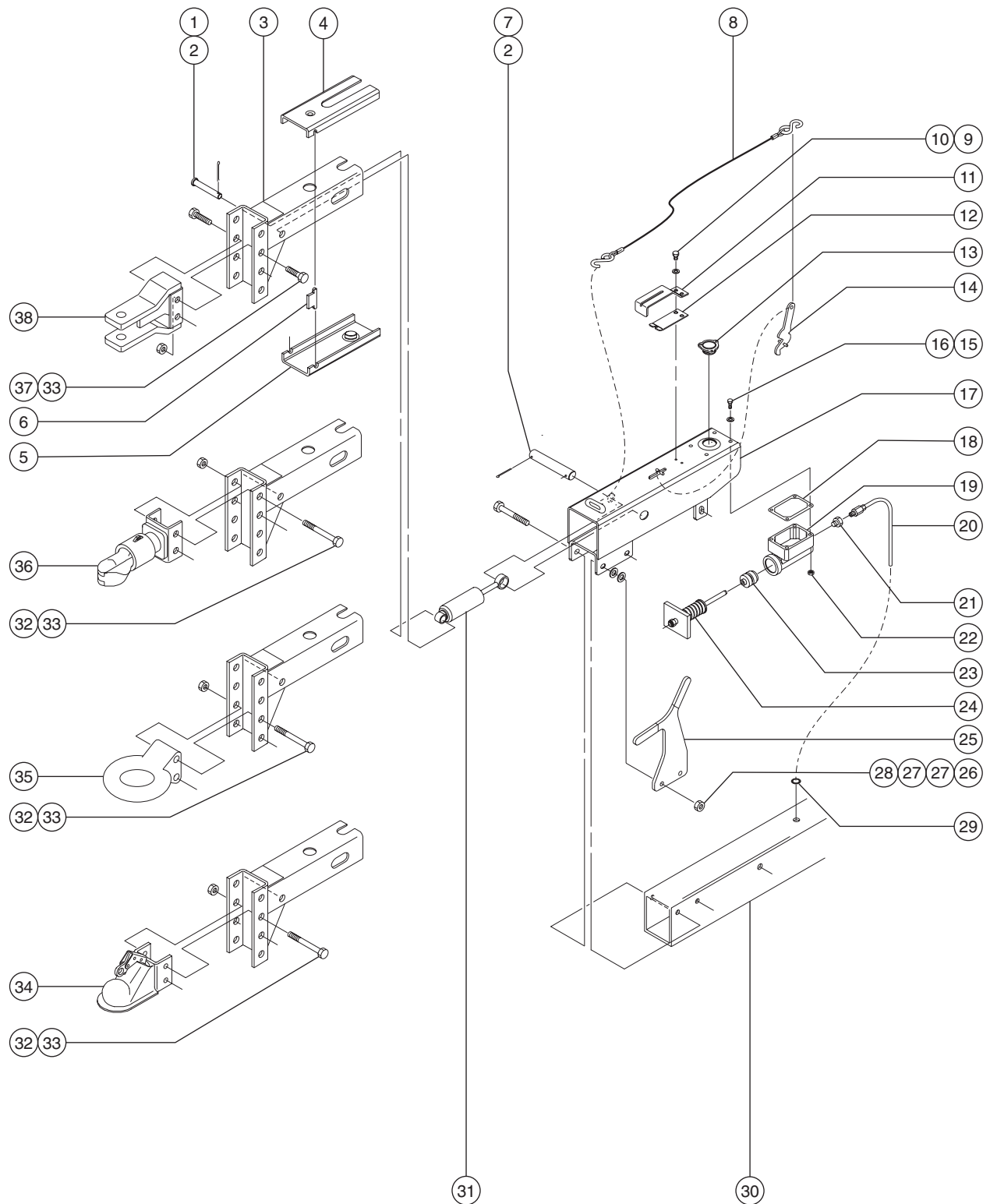
FIGURE 2-G.1

Index	Part No.	Description	Quantity This Figure
—	59582	Hitch Assembly (includes index numbers 1 through 19, 21 through 24, and 31)	1
—	62769	Kit - Emergency Lever Replacement (includes index numbers 8, 12 and 14)	—
—	62770	Kit - Master Cylinder Repair (drum)	—
—	62771	Kit - Coupler Repair	—
1	62765	Pin - Damper, Front Shock	1
2	62866	Pin - Cotter, 1.5 x 0.156 inch (3.8 x 0.39 cm)	3
3	62766	Channel - Coupler Mounting	1
4	97455	Upper Slider	1
5	97456	Lower Slider	1
6	97457	Side Spacers	2
7	75866	Connecting Pin	1
8	62870	Cable Assembly (includes hooks)	1
—	62772	Hook - Cable Assembly (2 each required)	—
9	62871	Screw - HHC, $\frac{5}{16}$ -18 x 0.63 inch, GR 5	2
10	62864	Washer - Lock, External Tooth, $\frac{5}{16}$ inch	2
11	62872	Lever Guide	1
12	62873	Lever Spring - Emergency	1
13	62874	Cap - Master Cylinder	1
—	62773	O-Ring, Master Cylinder	—
14	62877	Emergency Lever	1
15	75868	Screw - HHC, $\frac{1}{4}$ -20 x 2.00 inch, GR 5	4
16	75869	Washer - Lock, Internal Tooth, $\frac{1}{4}$ inch	4
17	97458	Actuator Case, 3 Bolt Mount	1
18	75871	Gasket - Master Cylinder	1
19	75873	Master Cylinder with Gasket (includes index number 18)	1
20	67304	Brake Line, 148 inches (3.8 m)	1

This parts list continues. Please turn the page.

FIGURE 2-G.1

REV A



REV A

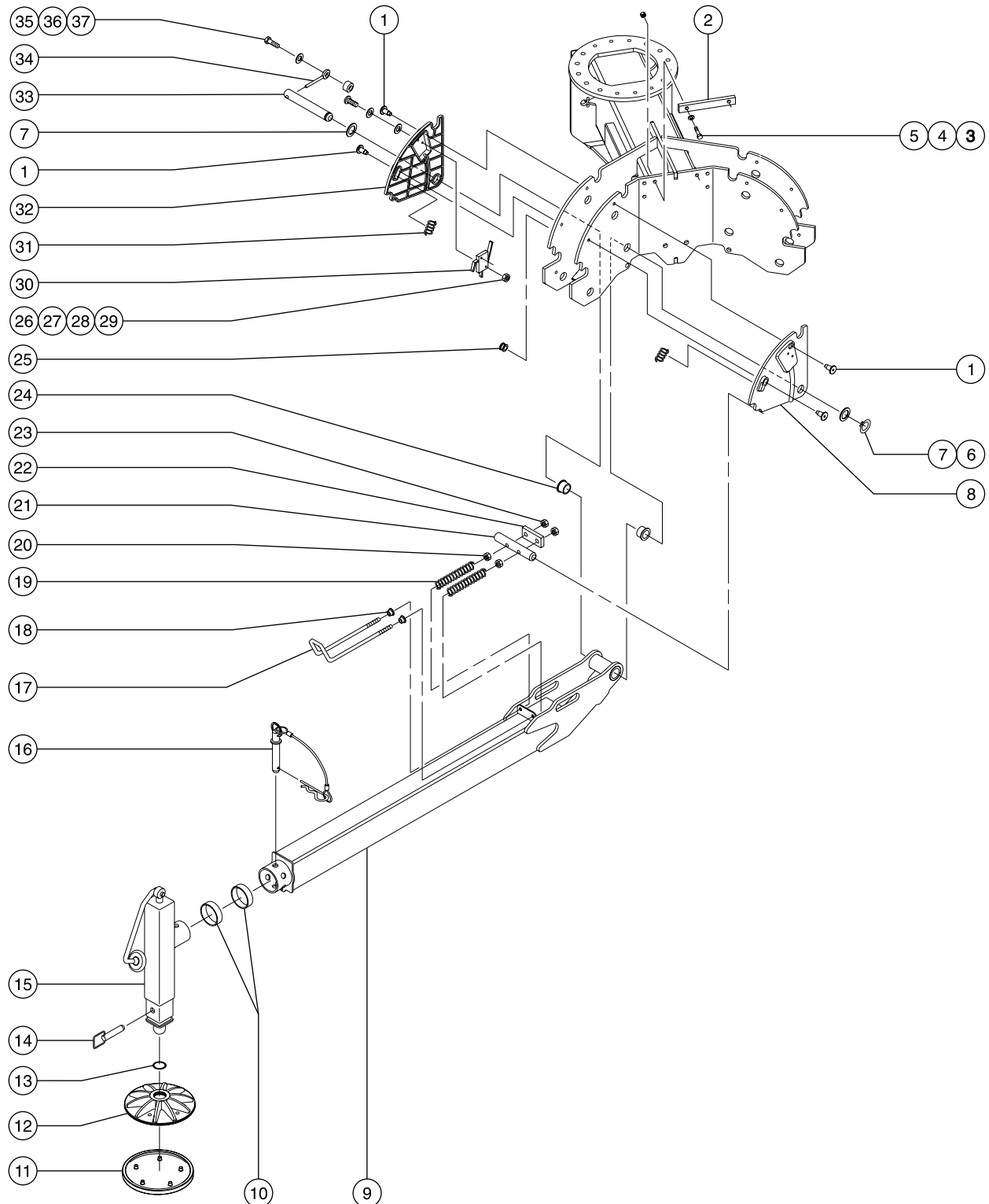
FIGURE 2-G.1

Index	Part No.	Description	Quantity This Figure
21	62761	Connector, Orifice, .018 inches (0.46 mm)	1
22	75872	Nut, Hex, 1/4 -20 inches	4
23	75874	Boot, Cylinder Master	1
24	62879	Push Rod Assembly	1
25	72032	Tongue Handle Assembly (includes plastic covers)	1
—	44733	Cover - Handle, Plastic	—
26	49366	Nut - Nylock, M12	3
27	49410	Washer - Flat, M12	6
28	49383	Screw - HHC, M12 x 1.75 x 120 mm, GR 8.8	3
29	24647	Grommet - Rubber, 0.375 I.D. x 0.788 O.D. inch (9.525 I.D. x 20.015 O.D. mm)	1
30	Ref.	Tongue Assembly (refer to Figure 2-A)	—
31	62764	Damper - Shock	1
32	59711	Screw - HHC, M16 x 2 x 110 mm, GR 8.8	6
33	49362	Nut - Nylock, M16	10
34	59752	Coupler - Lever Lock, 2 5/16 inches (5.9 cm)	1
—	67229	Coupler - Lever Lock, 2 inches (5.1 cm)	—
35	59720	Coupler - Pintle Ring	1
—	67232	Coupler - Pintle Ring, CE, 65 mm	—
36	67230	Coupler - Bulldog, 2 inches (5.1 cm)	1
—	67231	Coupler - Bulldog, 2 5/16 inches (5.9 cm)	—
37	59969	Screw - HHC, M16 x 2 x 30 mm, GR 8.8	4
38	59753	Coupler - Clevis	1

Figure 2-H

Outrigger Assembly - Manual

REV C



REV C

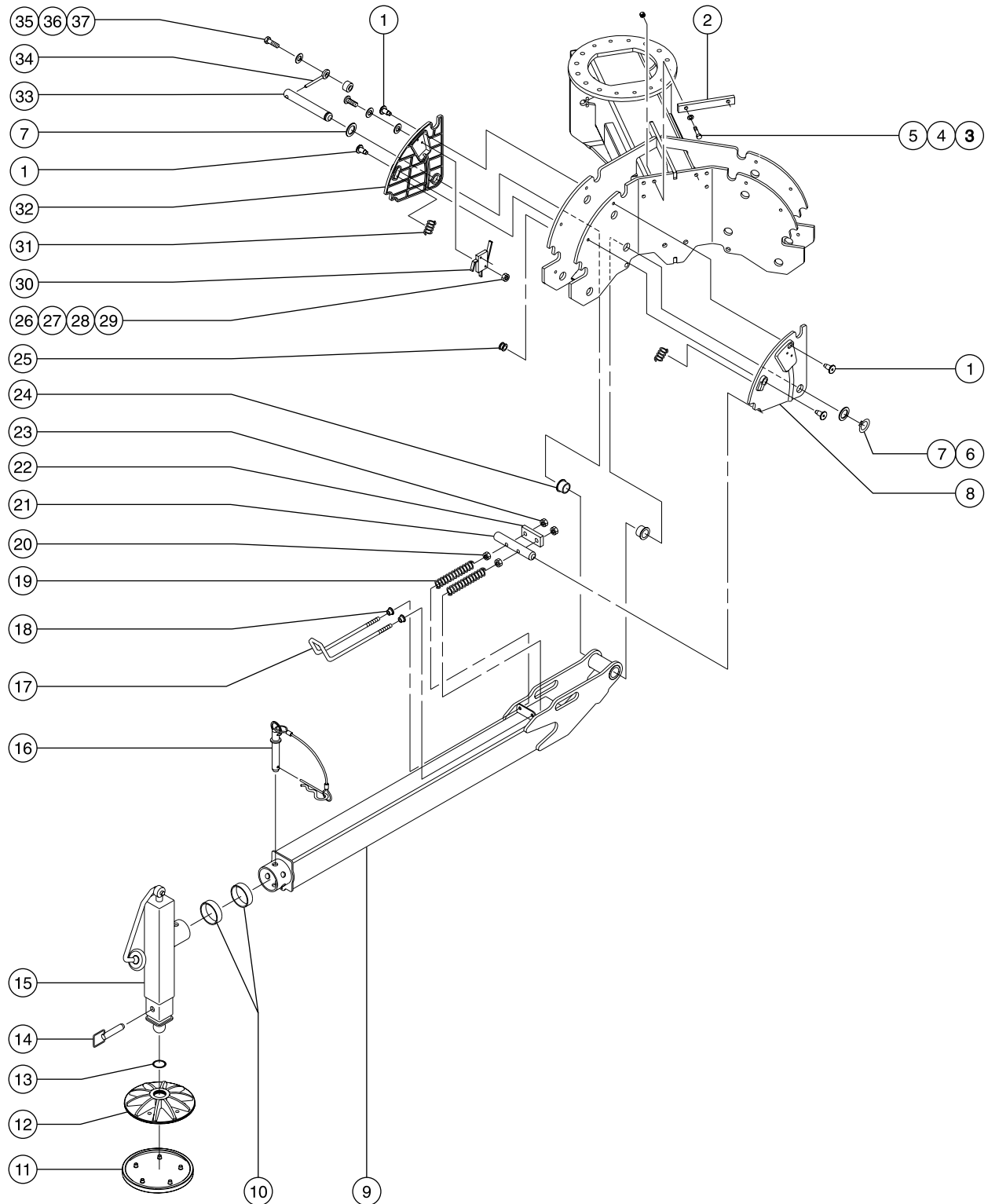
FIGURE 2-H

Index	Part No.	Description	Quantity	This Figure
—	76347	Kit - Manual Outrigger Handle (before serial number T3400-031) (includes index numbers 17, 19, 20 and 23)	—	—
—	72064	Outrigger Assembly - Complete (before serial number T3402-271) (includes index numbers 10 through 24) (decals are listed in Section One)	—	—
—	76522	Outrigger Assembly - Complete (after serial number T3402-270) (includes index numbers 10 through 24) (decals are listed in Section One)	—	—
1	43442	Bolt - Shoulder	16	
2	67551	Wear Pad - Base, 6.5 x 1.38 x 0.375 inch (16.5 x 3.5 x 1 cm)	1	
3	25548	Screw - HHC, M10 x 1.5 x 40 mm, GR 8.8	2	
4	22699	Washer - Flat, M10	2	
5	22736	Nut - Nylock, M10	2	
6	44662	Snap Ring - External, 1 inch (2.54 cm)	4	
7	30748	Washer - Shim, 1.062 x 1.62 x 0.06 inch (2.7 x 4.11 x 0.15 cm)	8	
8	43440	Guide - Outrigger Switch, Right Side	4	
9	72065	Outrigger Assembly with Decal and Bearings (before serial number T3402-271) (includes two each index numbers 10 and 24) (decals are listed in Section One)	4	
—	76523	Outrigger Assembly with Decal and Bearings (after serial number T3402-270) (includes two each index numbers 10 and 24) (decals are listed in Section One)	—	
10	43468	Bearing, 2.5 x 2.75 x 0.75 inch (6.4 x 7 x 1.9 cm)	4	
11	59725	Foot - Outrigger, Rubber	4	
12	59724	Casting - Footpad	4	
13	43394	O-Ring	4	
14	69869	Pin - Screw Jack, Red Handle	4	
—	52187	Pin - Screw Jack, Black Handle	—	
15	72111	Screw Jack Assembly (includes index numbers 11 through 14 and 16)	4	
—	76052	Screw Jack (includes index number 14 and handle)	—	
—	69871	Handle Assembly with Red Handle	—	
—	52134	Handle Assembly with Black Handle	—	
16	44658	Pin - Lock	4	

This parts list continues. Please turn the page.

FIGURE 2-H

REV C



REV C

FIGURE 2-H

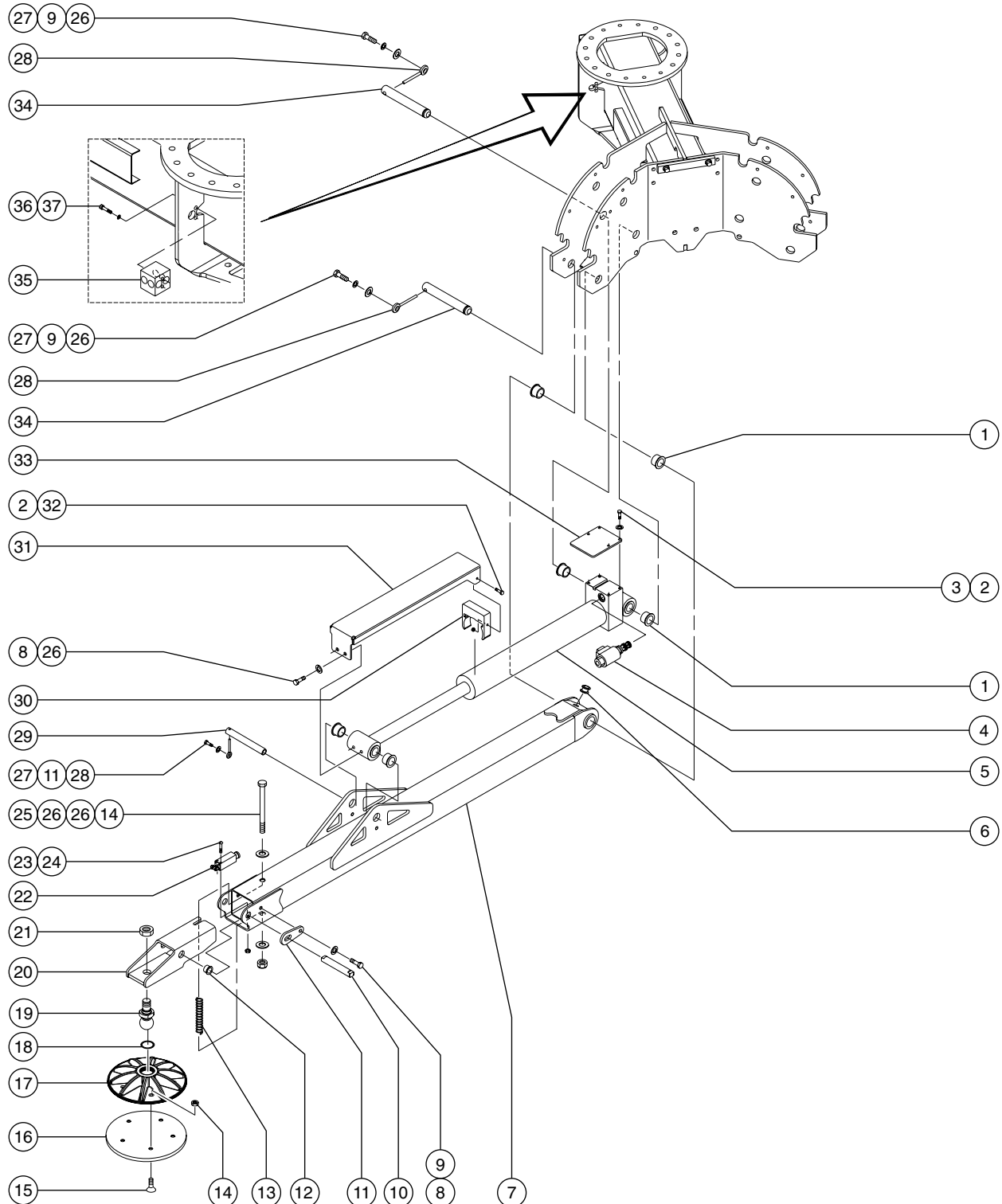
Index	Part No.	Description	Quantity	This Figure
17	76359	Handle - Outrigger Latch (before serial number T3400-031)	—	
—	59881	Handle - Outrigger Latch (after serial number T3400-030)	4	
18	67779	Bearing - Flange, 0.3125 x 0.375 x 0.146 inch (7.937 x 9.53 x 3.708 mm) (before serial number T3402-313)*	8	
—	76514	Bearing, 0.375 x 0.4375 x 0.03 inch (0.953 x 1.111 x 0.076 cm)* (after serial number T3402-312)	—	
19	44641	Spring - Outrigger Latch Handle (before serial number T3400-031)	8	
—	67688	Spring - Outrigger Latch Handle (after serial number T3400-030)	—	
20	6054	Nut - Hex, $\frac{3}{8}$ -24 (before serial number T3400-031)	4	
—	22571	Nut - Hex, M8 (after serial number T3400-030)	8	
21	59882	Pin - Outrigger Latch Handle	4	
22	67738	Wear Pad - Manual Outrigger, 2.93 x 1.36 x 0.25 inch (7.4 x 3.5 x 0.6 cm)	4	
23	35712	Nut - Nylock, $\frac{3}{8}$ -24 (before serial number T3400-031)	4	
—	25368	Nut - Nylock, M8 (after serial number T3400-030)	8	
24	36245	Bearing, 1 x 1.25 x 0.84 inch (2.54 x 3.18 x 2.13 cm)	8	
25	46426	Grommet, 0.5 x 0.38 inch (1.3 x 1 cm)	4	
26	49368	Nut - Nylock, M3	16	
27	55050	Washer - Flat, M3	16	
28	49405	Washer - Lock, M3	16	
29	49370	Screw - PHM, M3 x 0.5 x 20 mm, GR 4.8	16	
30	41855	Switch - Interlock, Outrigger	4	
31	44666	Spring - Guide, Outrigger	8	
32	43441	Guide - Switch, Outrigger, Left Side	4	
33	43476	Pin - Outrigger Pivot, 6.625 x 1 inch (16.83 x 2.54 cm)	4	
34	43460	Rod End, 0.375 x 2.25 inches (1 x 5.7 cm)	4	
35	44064	Screw - HHC, M10 x 1.5 x 30 mm, GR 8.8	4	
36	22700	Washer - Lock, M10	4	
37	44723	Spacer - Pin, Outrigger	4	

* TMZ-34/19 models from serial number T3402-271 to T3402-312 were built using two different bushings; a serial number break is not available. Units with outrigger assembly 72064 and 72065, use bushing 67779. Units with outrigger assembly 76522 and 76523 use bushing 76514.

Figure 2-1

Outrigger Assembly - Hydraulic

REV C



REV C

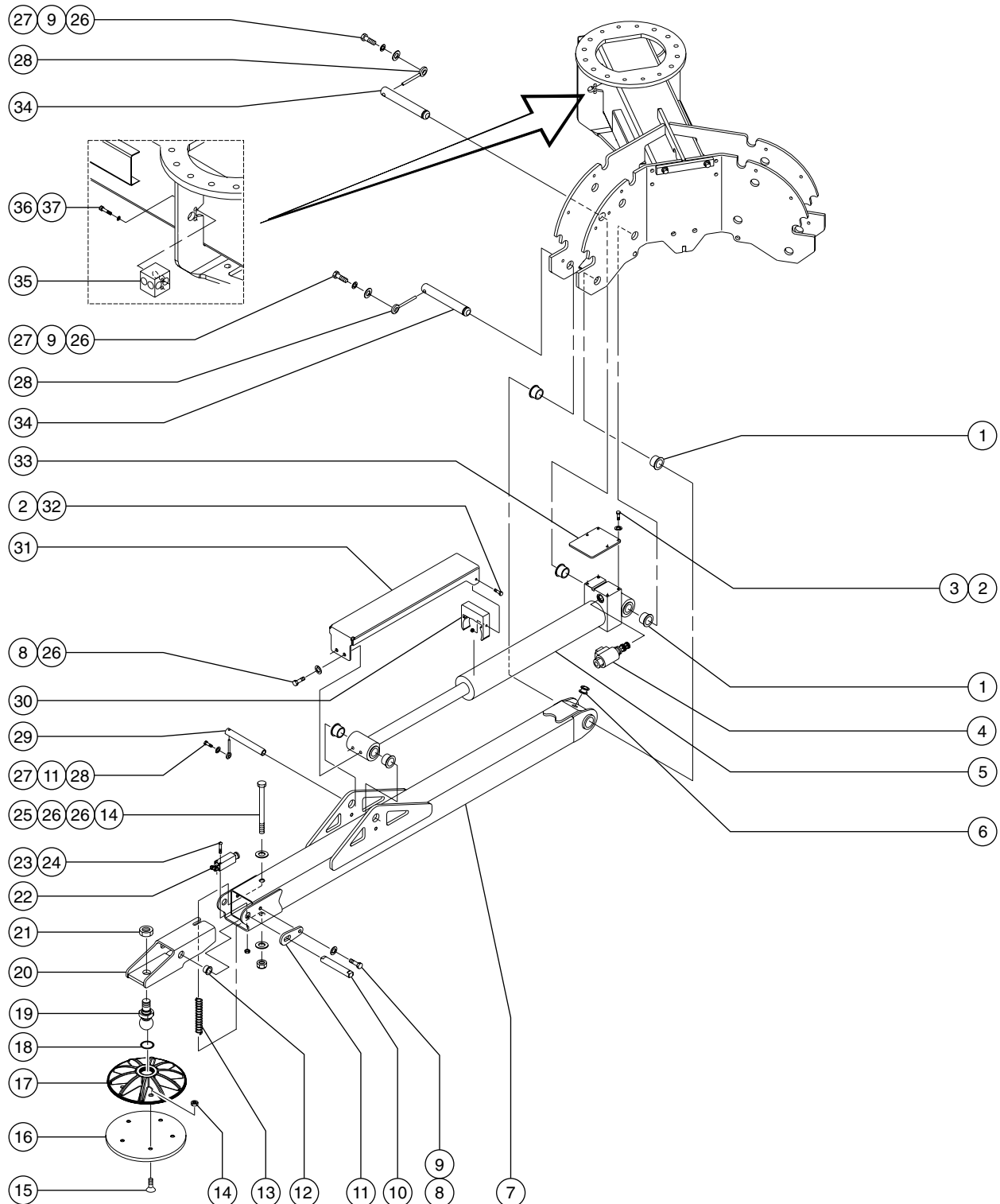
FIGURE 2-I

Index	Part No.	Description	Quantity	This Figure
—	72066	Outrigger Assembly - Complete (includes index numbers 1, 6 and 8 through 25, 26) (decals are listed in Section One)	—	—
1	36245	Bearing, 1 x 1.25 x 0.84 inch (2.54 x 3.18 x 2.13 cm)	24	
2	49375	Screw - HHC, M6 x 1 x 16 mm, GR 8.8	24	
3	49407	Washer - Lock, M6	16	
4	67933	Cartridge - Solenoid Valve	4	
—	67926	Coil - Solenoid Valve, 24V DC	—	
—	72097	Nut - Solenoid Valve	—	
—	72098	Seal Kit - Solenoid Valve	—	
5	67377	Cylinder - Outrigger	4	
—	72041	Seal Kit - Outrigger Cylinder	—	
6	67445	Grommet - Rubber, 0.63 x 0.25 x 0.75 inch (1.6 x 0.6 x 1.9 cm)	4	
7	72067	Outrigger Assembly with Decals (includes 2 each index number 1 and 1 each index number 6) (decals are listed in Section One)	4	
8	49387	Screw - HHC, M10 x 1.5 x 16 mm, GR 8.8	16	
9	22700	Washer - Lock, M10	16	
10	67388	Pin - Footpad, Outrigger, 4.55 x 0.75 inch (11.6 x 1.9 cm)	4	
11	67573	Plate - Pin Retainer, Outrigger	4	
12	76355	Bushing - Flange, 0.75 x 0.875 x 0.5 inch (1.9 x 2.2 x 1.3 cm)	8	
13	67444	Spring - Compression Food Pad	4	
14	22736	Nut - Nylock, M10	24	
15	49399	Screw - FHS, M10 x 1.5 x 25 mm, GR 9.8	20	
16	67586	Footpad - Outrigger	4	
17	59724	Casting - Footpad	4	
18	43394	O-Ring	4	
19	67385	Post - Footpad	4	
20	67382	Weldment - Footpad	4	
21	67443	Nut - Nylock, M20	4	

This parts list continues. Please turn the page.

FIGURE 2-I

REV C



REV C

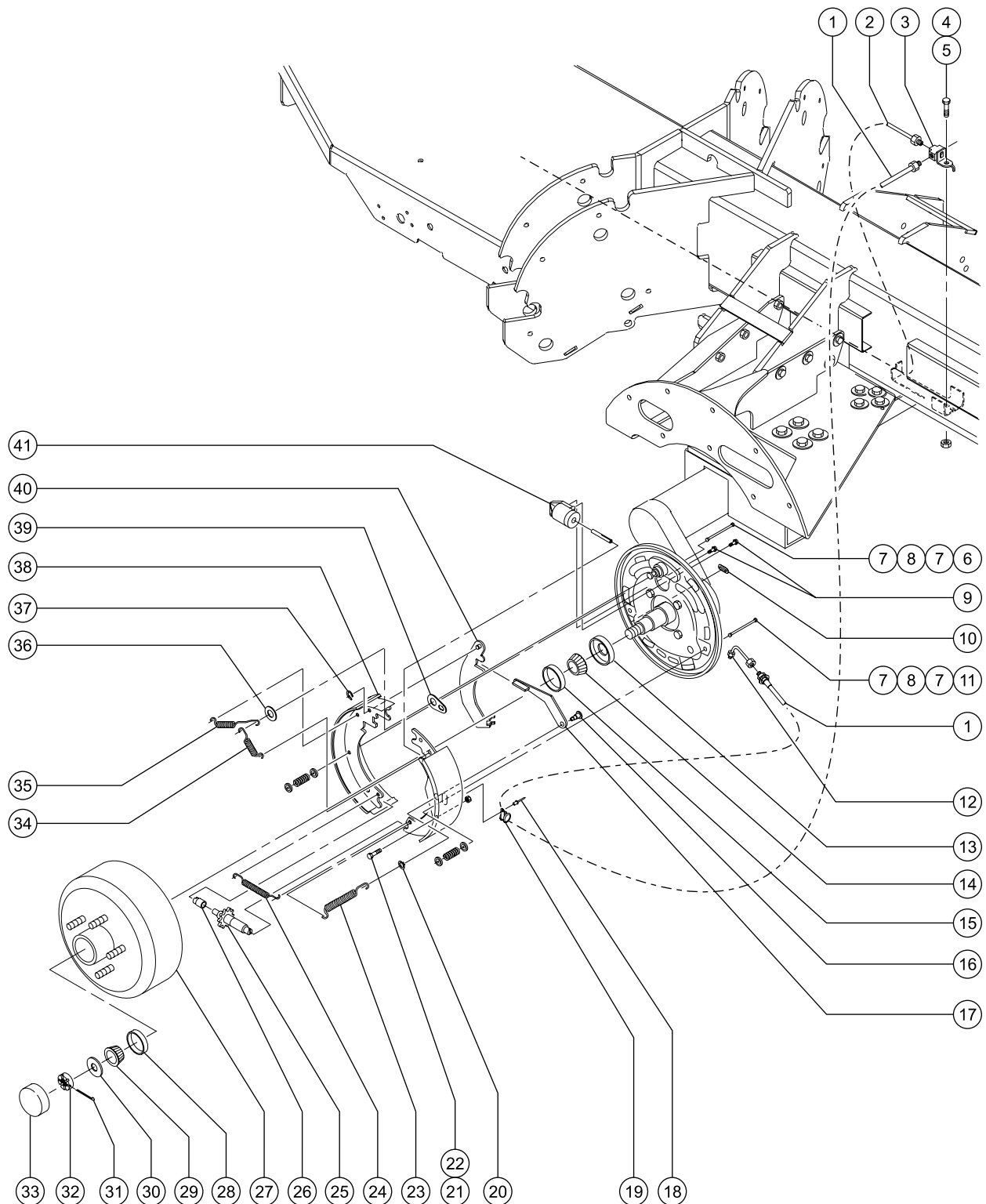
FIGURE 2-I

Index	Part No.	Description	Quantity	This Figure
22	67715	Limit Switch with Roller Head	4	
—	19491	Contact - Limit Switch	—	
23	48040	Screw - HHC, M5 x 0.8 x 40 mm, GR 8.8	8	
24	27082	Nut - Nylock, M5	8	
25	67913	Screw - HHC, M10 x 1.5 x 110 mm, GR 8.8	4	
26	6097	Washer - Flat, $\frac{3}{8}$ inch (0.438 x 1 x 0.083 inch) (1.11 x 2.54 x 0.21 cm)	20	
27	49388	Screw - HHC, M10 x 1.5 x 16 mm, GR 8.8	12	
28	25284	Rod End, 0.375 x 2.25 inches (1 x 5.7 cm)	12	
29	67387	Pin - Outrigger Cylinder, 5.33 x 1 inch (13.5 x 2.54 cm)	4	
30	67577	Wear Pad - Cylinder Guard	4	
31	80287	Outrigger Cylinder Guard Assembly with Decal (decals are listed in Section One)	4	
32	49364	Nut - Nylock, M6	8	
33	67576	Guard - Valve, Outrigger Cylinder	4	
34	67386	Pin - Outrigger Pivot, 5.83 x 1 inch (14.8 x 2.54 cm)	8	
35	67572	Manifold - Distribution	1	
36	55014	Screw - SHC, M8 x 1.25 x 25 mm, GR 12.9	2	
37	49408	Washer - Lock, M8	2	

Figure 2-J

Hydraulic Brake - ANSI and CSA Models

REV A



REV A

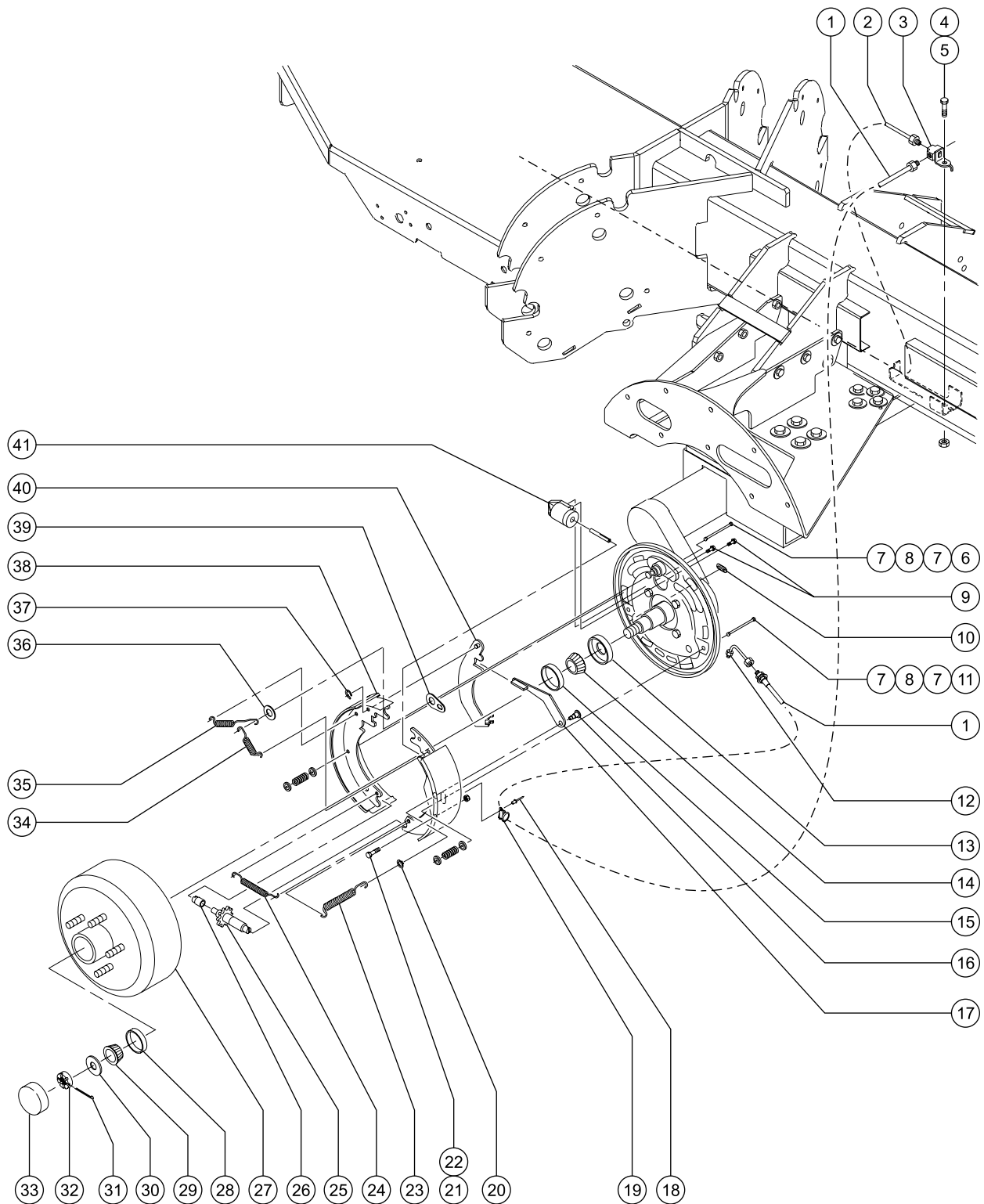
FIGURE 2-J

Index	Part No.	Description	Quantity	This Figure
—	80234	Hydraulic Brake Assembly - Dico (Power Unit Side)	—	—
—	80235	Hydraulic Brake Assembly - Dico (Ground Control Side)	—	—
—	55045	Hydraulic Brake Line Kit (includes index numbers 6 through 9)	—	—
—	80265	Spring Kit (includes index numbers 6, 7, 8, 11, 16, 20, 23, 24 and 34 through 37)	—	—
1	55044	Brake Hose	1	
2	48305	Brake Line - Long	1	
3	48309	Fitting - Tee, Brake Line	1	
4	23057	Screw - HHC, M8 x 1 x 20 mm, GR 8.8	1	
5	25368	Nut - Nylock, M8	1	
6	80241	Pin, Shoe Hold-down	1	
7	80242	Retainer, Shoe Hold-down Spring	4	
8	80243	Spring, Shoe Hold-down	1	
9	80246	Screw - Hex with Star Washer, $\frac{5}{16}$ -18 x 0.5 inch	2	
10	80244	Cover - Adjusting Hole, Rubber	1	
11	80245	Pin, Shoe Hold-down	2	
12	55078	Brake Line - Short	1	
13	52265	Seal - Grease	1	
14	52264	Cone - Inner Bearing	1	
15	52263	Cup - Inner Bearing	1	
16	80247	Pin - Front Shoe	2	
17	80106	Strut - Parking Brake	2	
18	7265	Rivet - Steel, 0.25 x 0.375 inch (0.63 x 0.95 cm)	2	
19	16073	Clamp - Rubber Cushioned, $\frac{5}{8}$ inch	1	
20	80250	Retaining Ring	2	
21	80251	Screw - HHC, $\frac{5}{16}$ -18 x 0.63 inch	2	
22	80252	Nut - Hex, $\frac{5}{16}$ -18	2	

This parts list continues. Please turn the page.

FIGURE 2-J

REV A



REV A

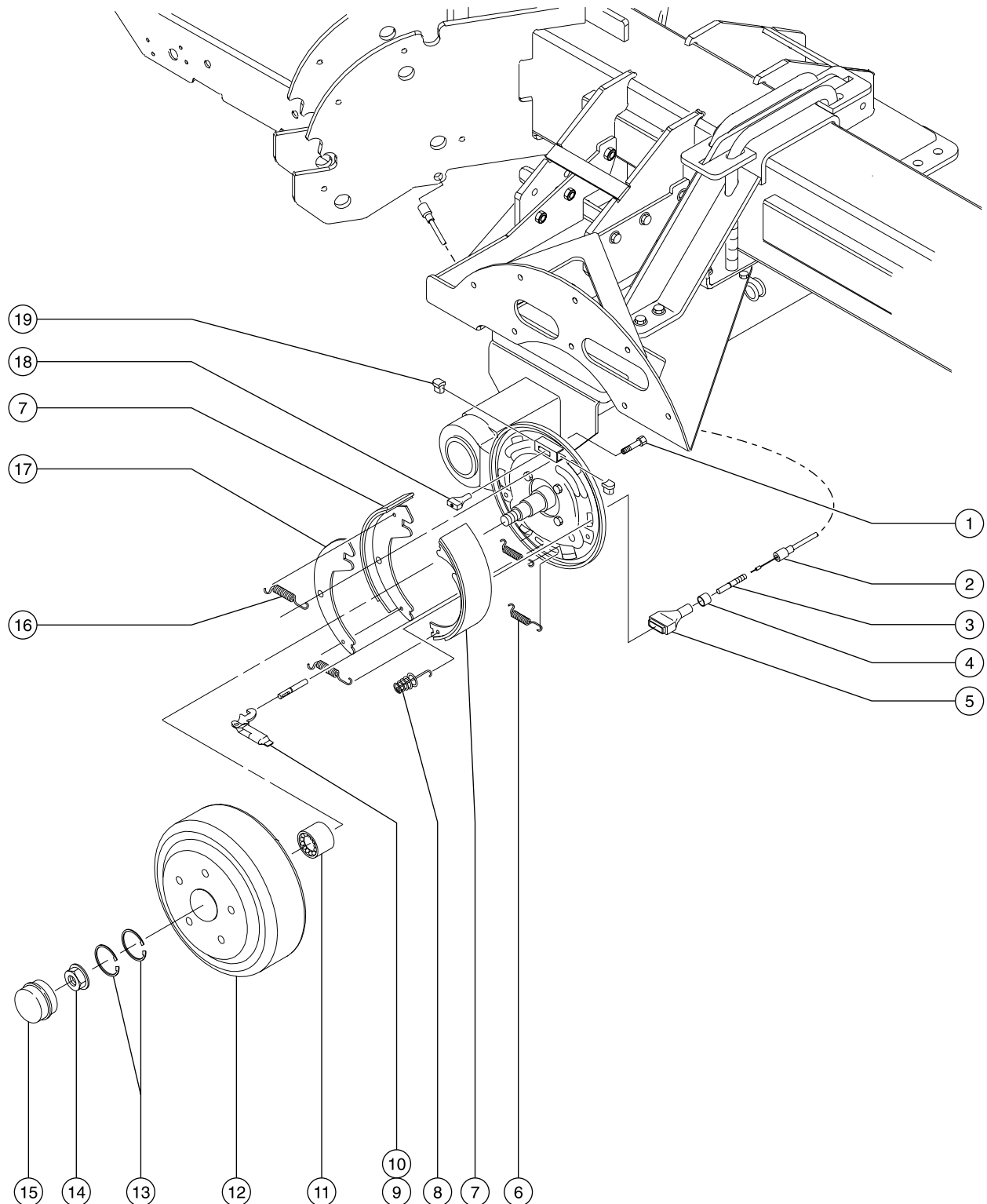
FIGURE 2-J

Index	Part No.	Description	Quantity	This Figure
23	80253	Spring - Shoe	2	
24	80254	Spring - Adjusting Screw	2	
25	80257	Adjusting Screw Assembly (includes index number 26)	2	
26	80256	Socket - Adjusting Screw	2	
27	52255	Hub, 10 x 2.25 inches (25.4 x 5.7 cm)	1	
—	44649	Wheel Stud, 1/2 -20, UNF	—	
28	52256	Cup - Outer Bearing	1	
29	52257	Cone - Outer Bearing	1	
30	52258	Washer - Spindle	1	
31	45114	Pin - Cotter, 0.219 x 1.75 inches (0.6 x 4.4 cm)	1	
32	52259	Nut - Spindle	1	
33	52260	Cap - Grease	1	
34	80258	Spring - Lever	2	
35	80259	Spring - Rear Shoe	2	
36	80260	Washer - Flat, 0.531 x 1.188 x 0.125 inch (1.35 x 3.02 x 0.32 cm)	2	
37	80261	Retainer - Rear Shoe Assembly	2	
38	80266	Kit - Brake Shoe (includes 4 Brake Shoes)	1	
39	80262	Travel Link	2	
40	80264	Parking Lever, Ground Controls Side (shown)	1	
—	80263	Parking Lever, Power Unit Side	—	
41	80240	Brake Cylinder, Ground Controls Side (shown)	1	
—	80238	Push Rod - Brake Cylinder	—	
41	80239	Brake Cylinder, Power Unit Side	1	
—	80238	Push Rod - Brake Cylinder	—	

Figure 2-K

Mechanical Brake - CE Models

REV C



REV C

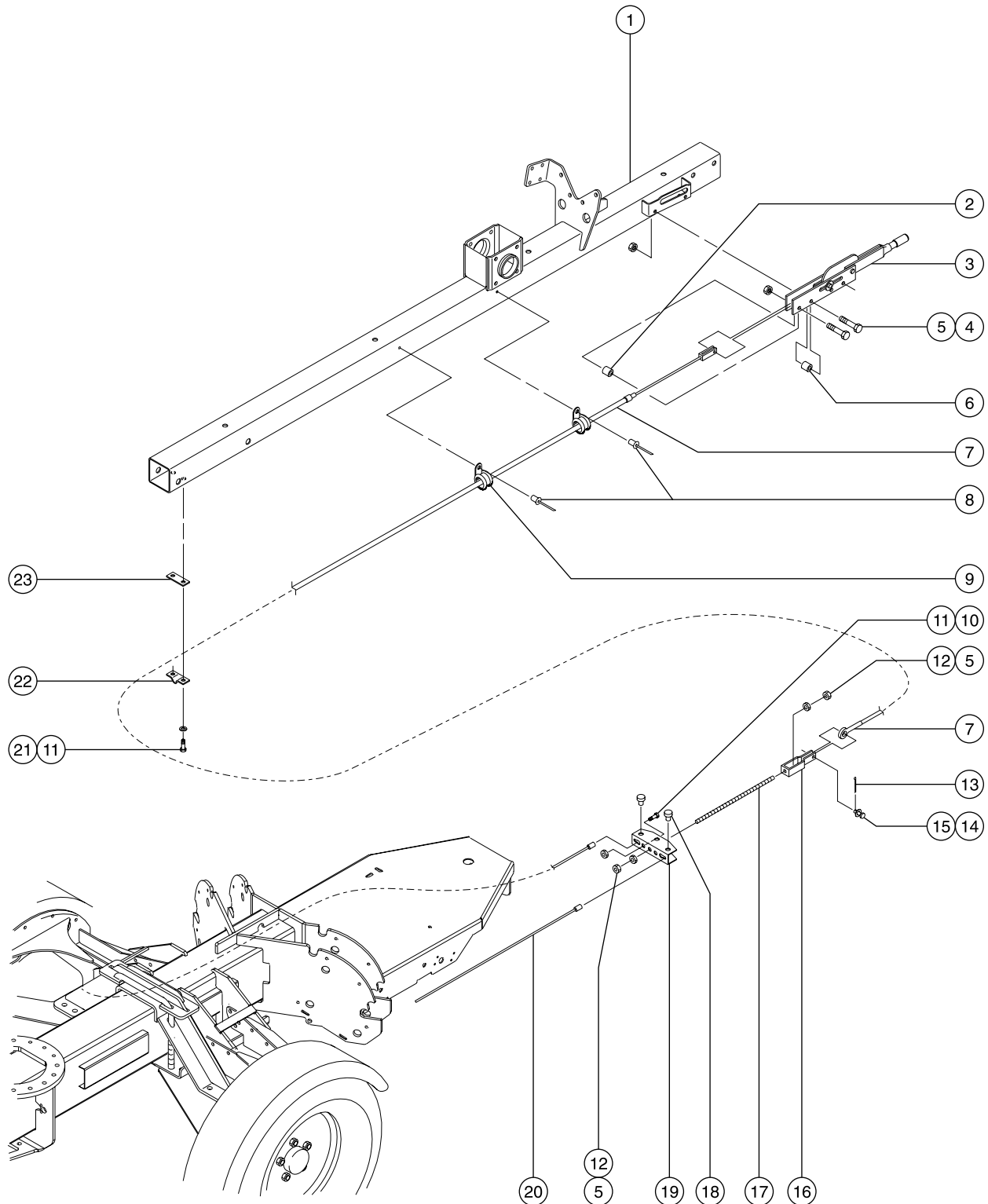
FIGURE 2-K

Index	Part No.	Description	Quantity	This Figure
1	65385	Screw - HHC, M10 x 1.5 x 34 mm	2	
2	65380	Cable - Brake	2	
3	65381	Drawbar Eye	2	
4	65382	Sleeve - Protective	2	
5	65383	Cover - Brake Cable	2	
6	65376	Spring - Return, Lower Brake Shoe	2	
7	65195	Kit - Brake Shoe (includes 4 brake shoes)	2	
8	65378	Spring - Brake Hold-down	2	
9	65379	Actuator Lever Assembly (includes index number 10)	2	
10	65191	Rod - Actuator Lever	2	
11	65374	Bearing - Ball, Brake drum	2	
12	65369	Brake Drum Hub Assembly (includes index numbers 11, 13, 14 and 15)	2	
13	65375	Snap Ring	4	
14	65373	Nut - Flanged	2	
15	65372	Cap - Grease	2	
16	65377	Spring - Return, Upper Brake Shoe	2	
17	85198	Plate - Brake Shoe, Floating	2	
18	65384	Nut - Wedge	2	
19	65386	Wedge	4	

Figure 2-L

Parking Brake - ANSI and CSA Models

REV A



REV A

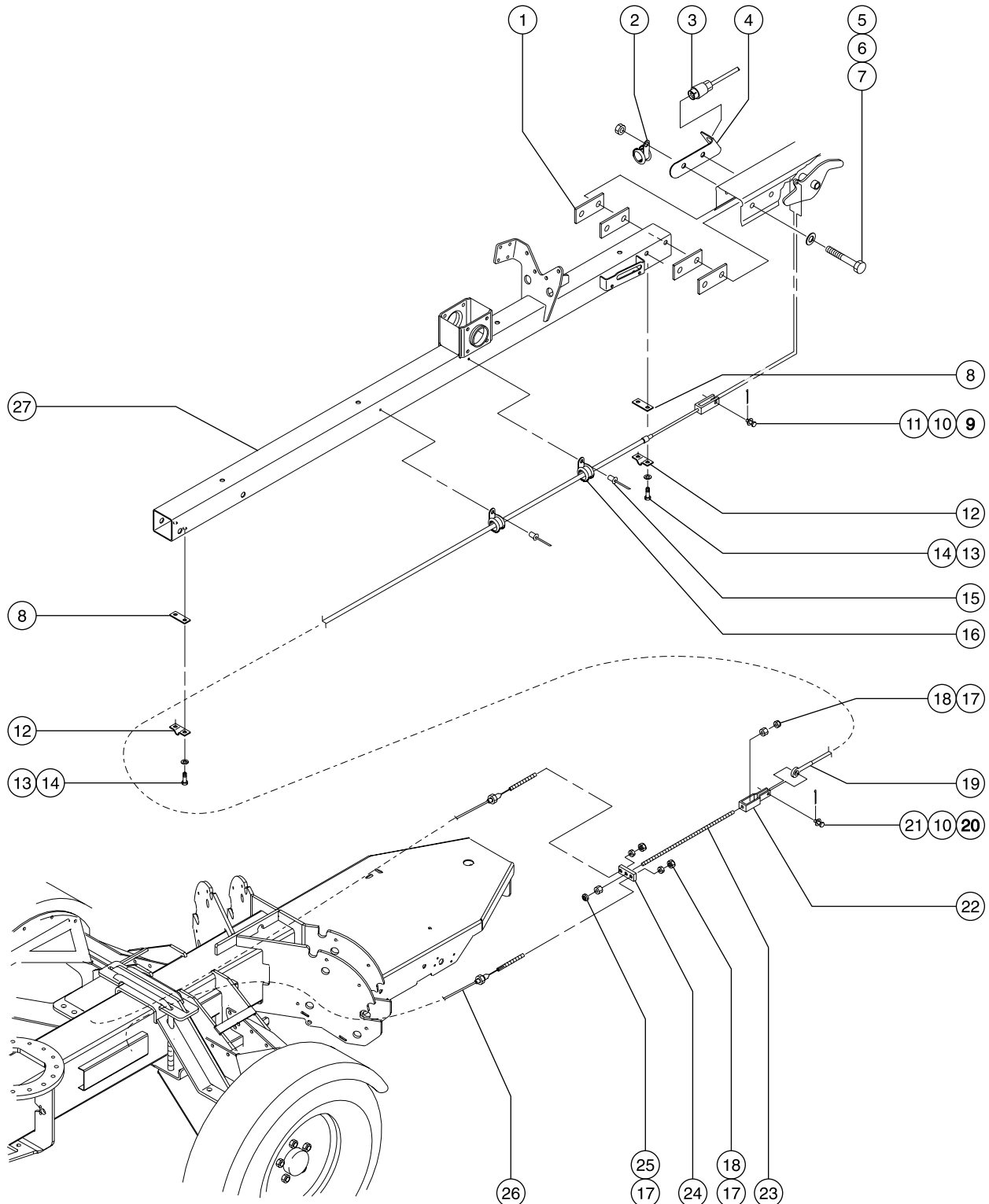
FIGURE 2-L

Index	Part No.	Description	Quantity	This Figure
—	52341	Kit - Parking Brake (includes index numbers 2, 3, 5, 6, 7, 8, 10, 11 and 12 through 20)	—	—
1	Ref.	Tongue Assembly (refer to Figure 2-A or 2-B)	1	1
2	52189	Spacer, 0.5 inch (12.7 mm)	1	1
3	52188	Lever Assembly (includes index numbers 14 and 15)	1	1
4	49386	Screw - HHC, M8 x 1.25 x 40 mm, GR 8.8	2	2
5	25368	Nut - Nylock, M8	3	3
6	52190	Spacer, 0.75 inch (19.05 mm)	2	2
7	52183	Brake Cable - Tongue	1	1
8	7265	Rivet - Steel, 0.375 x 0.25 inch (9.5 x 6.4 mm)	2	2
9	16073	Clamp - Rubber Cushioned, ⁵ / ₈ inch	2	2
10	27034	Screw - HHC, M10 x 1.5 x 25 mm, GR 8.8	2	2
11	22736	Nut - Lock, M10	2	2
12	22571	Nut - Hex, M8	1	1
13	12016	Pin - Cotter, 0.125 x 0.75 inch (3.2 x 19.1 mm)	1	1
14	52129	Pin - Parking Brake	1	1
15	33277	Washer - Flat, M8	1	1
16	52182	Clevis - Parking Brake	1	1
17	48218	Threaded Rod, M8 x 1.25 x 25.4 cm	1	1
18	46716	Bumper - Rubber 0.1 x 0.3 x 0.5 inch (2.54 x 7.62 x 12.7 mm)	2	2
19	52342	Tension Equalizer Assembly (includes index number 18)	1	1
20	55085	Cable Parking Brake - Power Unit Side (shown)	1	1
—	55084	Cable Parking Brake - Ground Controls Side	—	—
21	44064	Screw - HHC, M10 x 1.5 x 30 mm, GR 8.8	2	2
22	52186	Clamp - Cable, Parking Brake	1	1
23	52185	Spacer - Parking Brake	1	1

Figure 2-M

REV A

Parking Brake - CE Models (before serial number T3400-100)



REV A

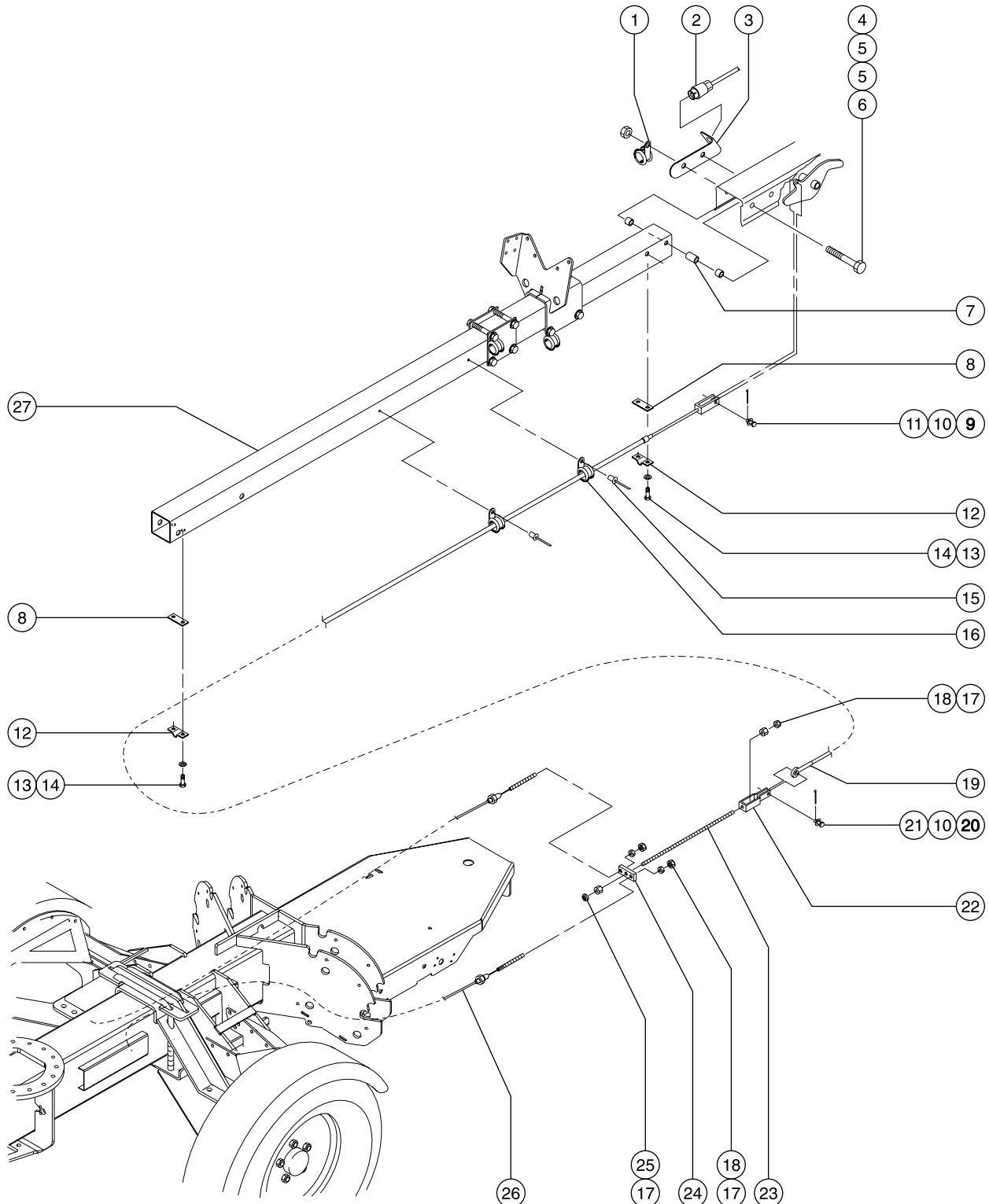
FIGURE 2-M

Index	Part No.	Description	Quantity	This Figure
1	55057	Spacer - Mechanical Hitch	4	
2	67902	Clamp - Rubber Cushioned, $\frac{3}{4}$ inch	1	
3	Ref.	Wire Harness - Taillights (refer to Figure 4-F)	—	
4	55061	Bracket - Trailer Wiring Storage	1	
5	59581	Screw - HHC, M16 x 2 x 150 mm, GR 8.8	2	
6	75015	Washer - Flat, M16	2	
7	49362	Nut - Nylock, M16	2	
8	52185	Spacer - Parking Brake	2	
9	72109	Pin - Clevis, 0.394 x 1.18 inches (1 x 3 cm)	1	
10	33277	Washer - Flat, M8	2	
11	72110	Pin - Cotter, 1 x 0.125 inch (2.5 x 0.317 cm)	1	
12	52186	Cable - Clamp, Parking Brake	2	
13	44064	Screw - HHC, M10 x 1.5 x 30 mm, GR 8.8	4	
14	22700	Washer - Lock, M10	4	
15	7265	Rivet - Steel, 0.375 x 0.25 inch (9.53 x 6.35 mm)	2	
16	16073	Clamp - Rubber Cushioned, $\frac{5}{8}$ inch	2	
17	25368	Nut - Nylock, M8	5	
18	22571	Nut - HHC, M8	7	
19	67725	Cable - Parking Brake (Tongue End)	1	
20	52129	Pin - Parking Brake	1	
21	2161	Pin - Cotter, 0.063 x 1 inch (1.6 x 25.4 mm)	1	
22	52182	Clevis - Parking Brake	1	
23	67908	Rod - Threaded, M8 x 1.25 x 33 cm	1	
24	67755	Plate - Stabilizer, Parking Brake	1	
25	67784	Nut - Acorn, M8	1	
26	55109	Cable - Parking Brake (Axle End)	2	
27	Ref.	Tongue Assembly (refer to Figures 2-A or 2-B)	—	

Figure 2-N

REV A

Parking Brake - CE Models (after serial number T3400-099)



REV A

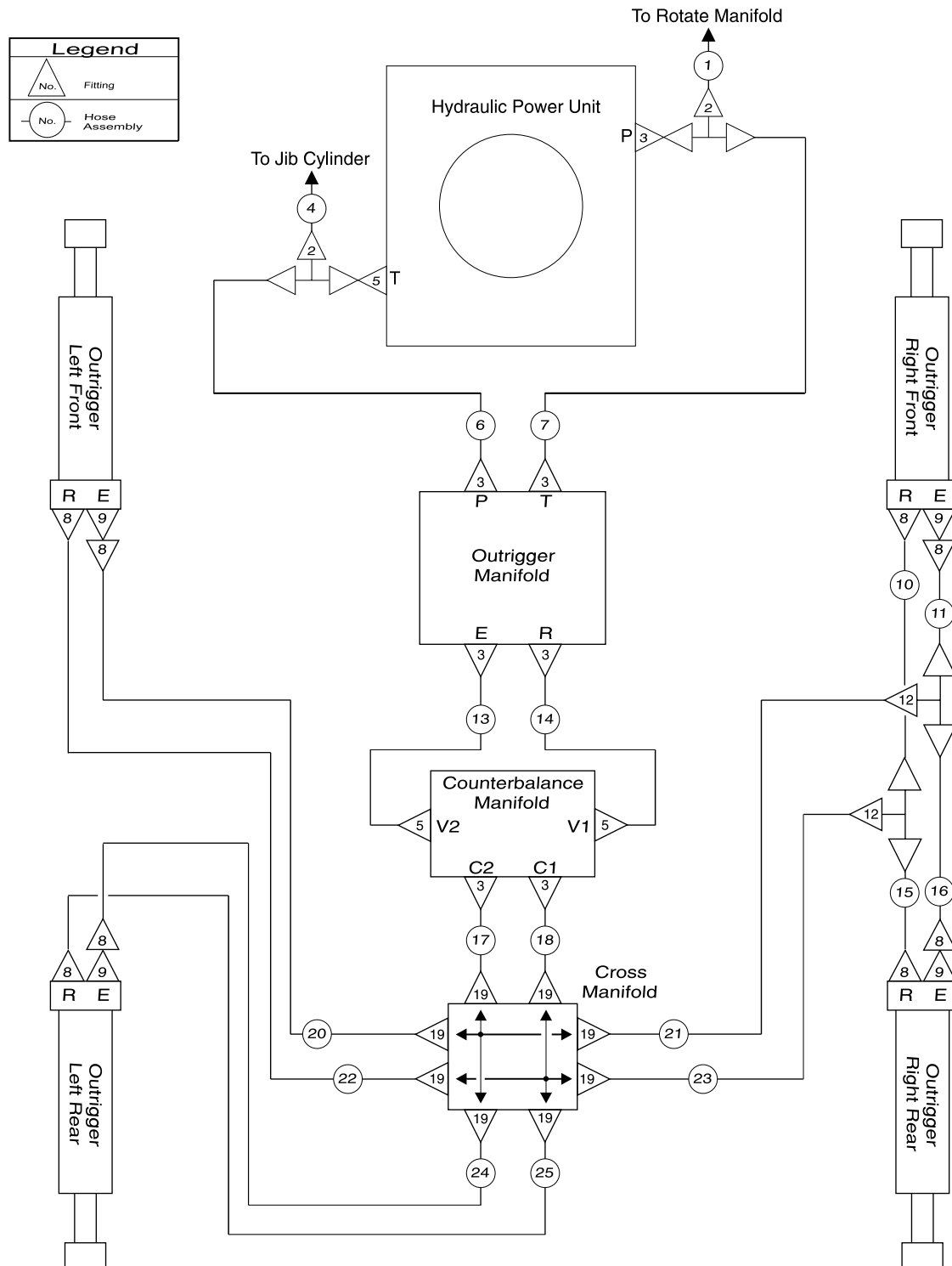
FIGURE 2-N

Index	Part No.	Description	Quantity This Figure
1	67902	Clamp - Rubber Cushioned, $\frac{3}{4}$ inch	1
2	Ref.	Trailer Wire Harness (refer to Figure 4-F)	—
3	55061	Bracket - Trailer Wiring Storage	1
4	59581	Screw - HHC, M16 x 2 x 150 mm, GR 8.8	2
5	67891	Bushing	4
6	49362	Nut - Nylock, M16	2
7	67890	Spacer	2
8	52185	Link Spacer - Parking Brake	2
9	72109	Pin - Clevis, 0.394 x 1.18 inches (1 x 3 cm)	1
10	33277	Washer - Flat, M8	2
11	72110	Pin - Cotter, 1 x 0.125 inch (2.5 x 0.317 cm)	1
12	52186	Cable Clamp - Parking Brake	2
13	44064	Screw - HHC, M10 x 1.5 x 30 mm, GR 8.8	4
14	22700	Washer - Lock, M10	4
15	7265	Rivet - Steel, 0.375 x 0.25 inch (9.53 x 6.35 mm)	2
16	16073	Clamp - Rubber Cushioned, $\frac{5}{8}$ inch	2
17	25368	Nut - Nylock, M8	5
18	22571	Nut - HHC, M8	7
19	67725	Cable - Parking Brake (Tongue End)	1
20	52129	Pin - Parking Brake	1
21	2161	Pin - Cotter, 1 x 0.063 inch (25.4 x 1.6 mm)	1
22	52182	Clevis - Parking Brake	1
23	67908	Rod - Threaded, M8 x 1.25 x 33 cm	1
24	67755	Plate - Stabilizer, Parking Brake	1
25	67784	Nut - Acorn, M8	1
26	55109	Cable - Parking Brake (Axle End)	2
27	Ref.	Tongue Assembly (refer to Figures 2-A or 2-B)	—

Figure 2-O

REV A

Hydraulic Hoses and Fittings - Outriggers (from serial number T3400-001 to T3400-042 and from serial number T3400-069 to T3400-264)



REV A

FIGURE 2-O

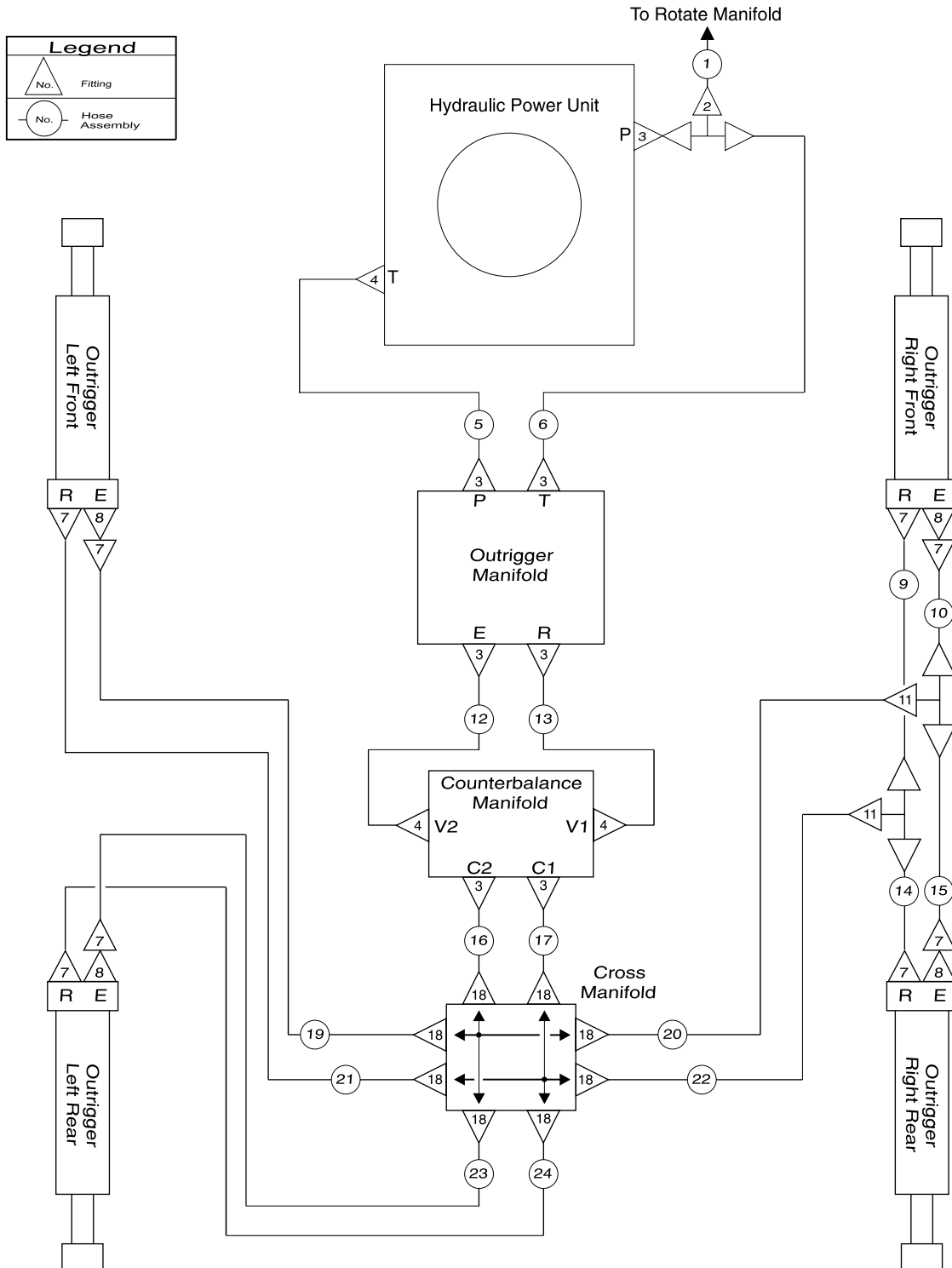
Index	Part No.	Description	Quantity	This Figure
1	Ref.	Hose Assembly (refer to Figure 3-J)	—	
2	48908	Fitting - Swivel Run Tee, 4 ORFS x 4 SAE (SAE 520432)	2	
3	48912	Fitting - Connector, 4 ORFS x 6 SAE (SAE 520120)	7	
4	Ref.	Hose Assembly (refer to Figure 3-J)	—	
5	48911	Fitting, 90° Elbow, 4 ORFS x 6 SAE (SAE 520220)	3	
6	67643	Hose Assembly - Components: B , C and A @ 13 inches (33 cm)	1	
7	67644	Hose Assembly - Components: B , D and A @ 32 inches (81.3 cm)	1	
8	49418	Fitting, 45° Elbow, 4 ORFS x 6 SAE (SAE 520320)	8	
9	67744	Orifice - Disc, Short 0.037 inch (0.9 mm)	4	
—	67444	Spring - Disc Orifice	—	
10	67638	Hose Assembly - Components: B , C and A @ 53 inches (1.35 m)	1	
11	67633	Hose Assembly - Components: B , B and A @ 53 inches (1.35 m)	1	
12	48909	Fitting - Swivel Run Tee, Bulkhead, 4 ORFS x 4 SAE (SAE 520958)	2	
13	76068	Hose Assembly - Components: B , D and A @ 14 inches (35.6 cm)	1	
14	76076	Hose Assembly - Components: B , D and A @ 14 inches (35.6 cm)	1	
15	67640	Hose Assembly - Components: B , C and A @ 32 inches (81.3 cm)	1	
16	67634	Hose Assembly - Components: B , B and A @ 32 inches (81.3 cm)	1	
17	67635	Hose Assembly - Components: B , B and A @ 29 inches (73.7 cm)	1	
18	67641	Hose Assembly - Components: B , C and A @ 29 inches (73.7 cm)	1	
19	48905	Fitting - Connector, 4 ORFS x 4 SAE (SAE 520120)	8	
20	85264	Hose Assembly - Components: B , B and A @ 53 inches (1.35 m)	1	
21	67636	Hose Assembly - Components: B , B and A @ 12 inches (30.5 cm)	1	
22	67637	Hose Assembly - Components: B , B and A @ 53 inches (1.35 m)	1	
23	67642	Hose Assembly - Components: B , B and A @ 14.5 inches (36.8 cm)	1	
24	72021	Hose Assembly - Components: B , B and A @ 32 inches (81.3 cm)	1	
25	67639	Hose Assembly - Components: B , B and A @ 32 inches (81.3 cm)	1	

Hose Assembly Component List • Figure 2-O**A** Hose, 1/4 inch (Parker No. 481TC-4)**B** Hose End - Female, Swivel, ORFS (Parker No. 1JC43-4)**C** Hose End - Female, Swivel, 45° ORFS (Parker No. 1J743-4)**D** Hose End - Female, Swivel, 90° ORFS (Parker No. 1J943-4)

Figure 2-P

REV A

Hydraulic Hoses and Fittings - Outriggers (from serial number T3400-043 to T3400-068 and after serial number T3400-264)



REV A

FIGURE 2-P

Index	Part No.	Description	Quantity	This Figure
1	Ref.	Hose Assembly (refer to Figure 3-J)	—	
2	48908	Fitting - Swivel Run Tee, 4 ORFS x 4 SAE (SAE 520432)	1	
3	48912	Fitting - Connector, 4 ORFS x 6 SAE (SAE 520120)	7	
4	48911	Fitting, 90° Elbow, 4 ORFS x 6 SAE (SAE 520220)	3	
5	67643	Hose Assembly - Components: B , C and A @ 13 inches (33 cm)	1	
6	67644	Hose Assembly - Components: B , D and A @ 32 inches (81.3 cm)	1	
7	49418	Fitting, 45° Elbow, 4 ORFS x 6 SAE (SAE 520320)	8	
8	67744	Orifice - Disc, Short 0.037 inch (0.9 mm)	4	
—	67444	Spring - Disc Orifice	—	
9	67638	Hose Assembly - Components: B , C and A @ 53 inches (1.35 m)	1	
10	67633	Hose Assembly - Components: B , B and A @ 53 inches (1.35 m)	1	
11	48909	Fitting - Swivel Run Tee, Bulkhead, 4 ORFS x 4 SAE (SAE 520958)	2	
12	76068	Hose Assembly - Components: B , D and A @ 14 inches (35.6 cm)	1	
13	76076	Hose Assembly - Components: B , D and A @ 14 inches (35.6 cm)	1	
14	67640	Hose Assembly - Components: B , C and A @ 32 inches (81.3 cm)	1	
15	67634	Hose Assembly - Components: B , B and A @ 32 inches (81.3 cm)	1	
16	67635	Hose Assembly - Components: B , B and A @ 29 inches (73.7 cm)	1	
17	67641	Hose Assembly - Components: B , C and A @ 29 inches (73.7 cm)	1	
18	48905	Fitting - Connector, 4 ORFS x 4 SAE (SAE 520120)	8	
19	85264	Hose Assembly - Components: B , B and A @ 53 inches (1.35 m)	1	
20	67636	Hose Assembly - Components: B , B and A @ 12 inches (30.5 cm)	1	
21	67637	Hose Assembly - Components: B , B and A @ 53 inches (1.35 m)	1	
22	67642	Hose Assembly - Components: B , B and A @ 14.5 inches (36.8 cm)	1	
23	72021	Hose Assembly - Components: B , B and A @ 32 inches (81.3 cm)	1	
24	67639	Hose Assembly - Components: B , B and A @ 32 inches (81.3 cm)	1	

Hose Assembly Component List • Figure 2-P**A** Hose, 1/4 inch (Parker No. 481TC-4)**B** Hose End - Female, Swivel, ORFS (Parker No. 1JC43-4)**C** Hose End - Female, Swivel, 45° ORFS (Parker No. 1J743-4)**D** Hose End - Female, Swivel, 90° ORFS (Parker No. 1J943-4)

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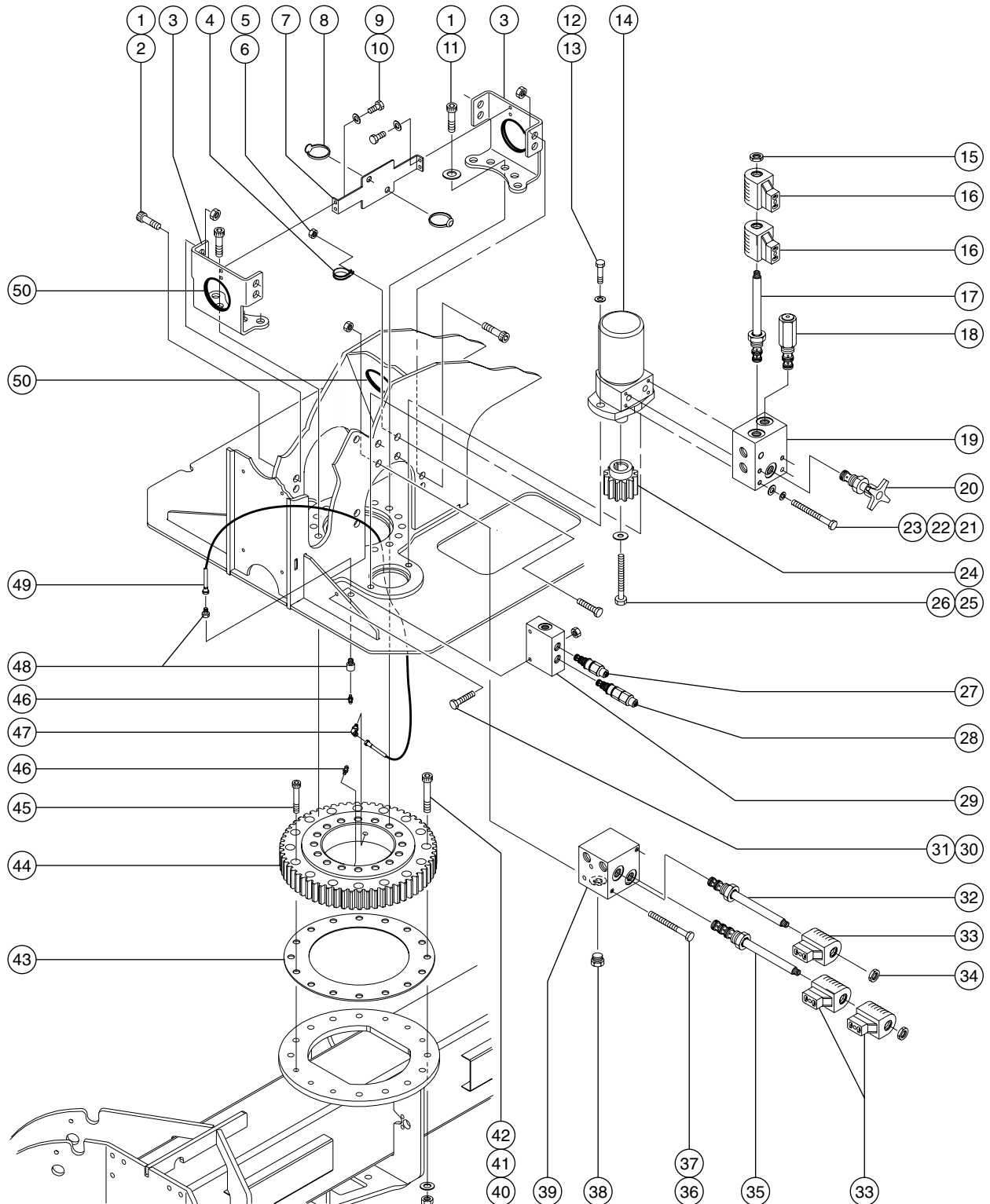
Section Three

Turntable Components

Figure 3-A

REV C

Turntable Components



REV C

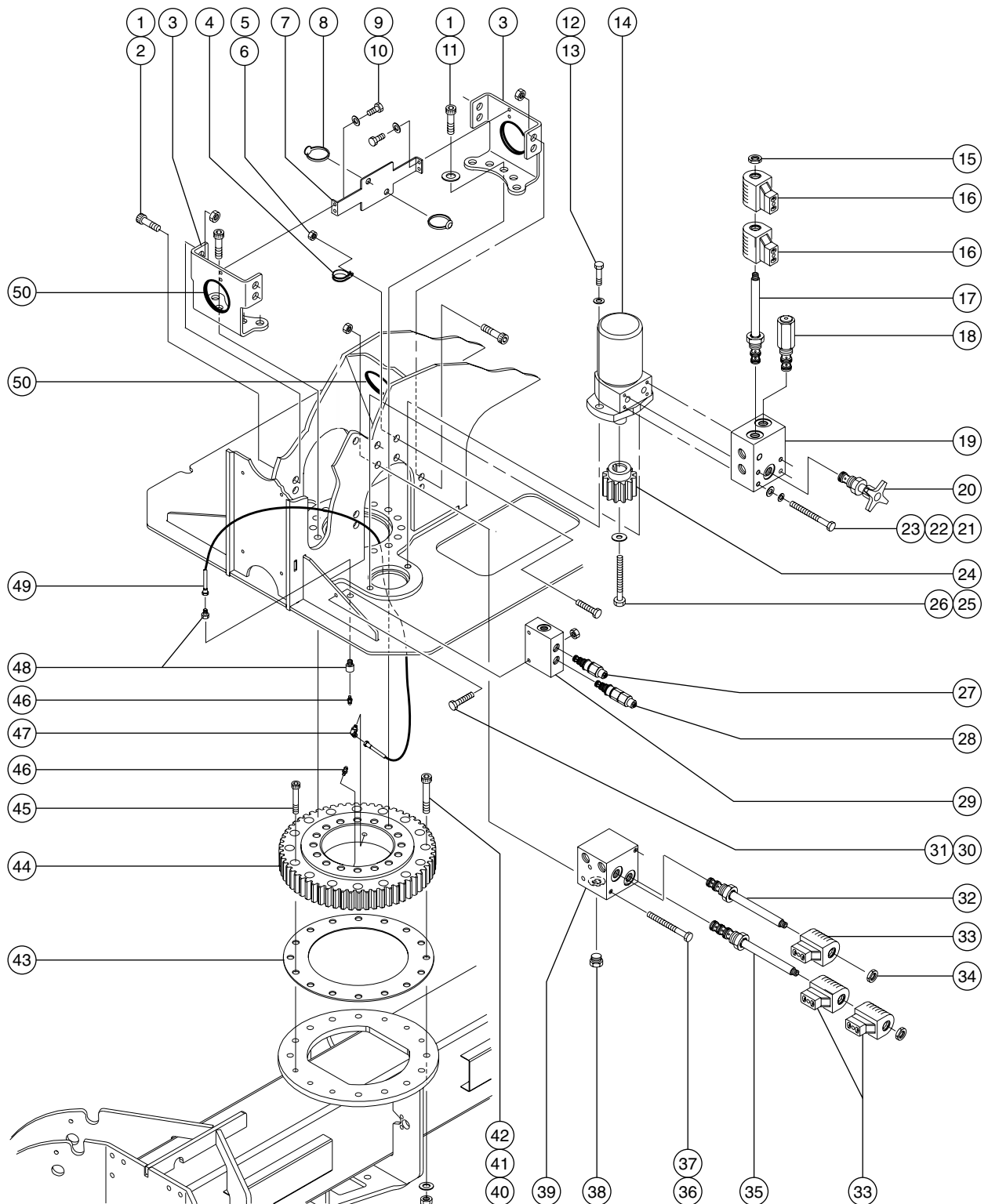
FIGURE 3-A

Index	Part No.	Description	Quantity	This Figure
1	49392	Screw - SHC, M14 x 2 x 40 mm, GR 12.9	23	
2	49367	Nut - Nylock, M14	8	
3	52228	Turntable Reinforcement Bracket Assembly (includes 1 each index number 50)	2	
—	46436	Grommet - Rubber, 2.75 x 0.25 inch (7 x 0.6 cm)	—	
4	77180	Clamp - Ruber Cushing, 1.31 inches, #21 x ³ / ₈ (after serial number T3402-266)	1	
5	22571	Nut - Hex, M8 (models with manual outriggers) (after serial number T3402-266)	1	
6	59580	Screw - HHC, M8 x 1.25 x 120 mm, GR 8.8 (models with hydraulic outriggers) (after serial number T3402-266)	1	
—	49379	Screw - HHC, M8 x 1.25 x 25 mm, GR 8.8 (models with manual outriggers) (after serial number T3402-266)	1	
7	46152	Bracket - Wire and Hose (before serial number T3402-267)	1	
8	40928	Button Tie, 10 inches (25.4 cm)	2	
9	49375	Screw - HHC, M6 x 1 x 16 mm, GR 8.8	4	
10	49407	Washer - Lock, M6	4	
11	67723	Washer - Flat, Hardened, M14	15	
12	49381	Screw - HHC, M12 x 1.75 x 30 mm, GR 8.8	2	
13	49409	Washer - Lock, M12	2	
14	59500	Motor - Hydraulic, Turntable Rotate	1	
—	65320	Seal Kit - Hydraulic Rotate Motor	—	
15	19792	Nut - Solenoid Valve	1	
16	45911	Coil - Solenoid Valve, 20V DC	2	
17	52292	Valve - Solenoid, 3 position 4 way (includes index numbers 15 and 16)	1	
—	52226	Cartridge - Solenoid Valve	—	
—	72047	Seal Kit - Solenoid Valve	—	
18	52224	Valve - Relief, Rotate Manifold, 1200 psi (82.7 bar)	1	
19	41881	Rotate Manifold Assembly (includes index numbers 15 through 18 and index number 20)	1	
20	52227	Valve - Needle, Rotate Manifold	1	
21	55098	Screw - HHC, M8 x 1.25 x 80 mm, GR 8.8	4	
22	49408	Washer - Lock, M8	4	

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FIGURE 3-A

REV C



REV C

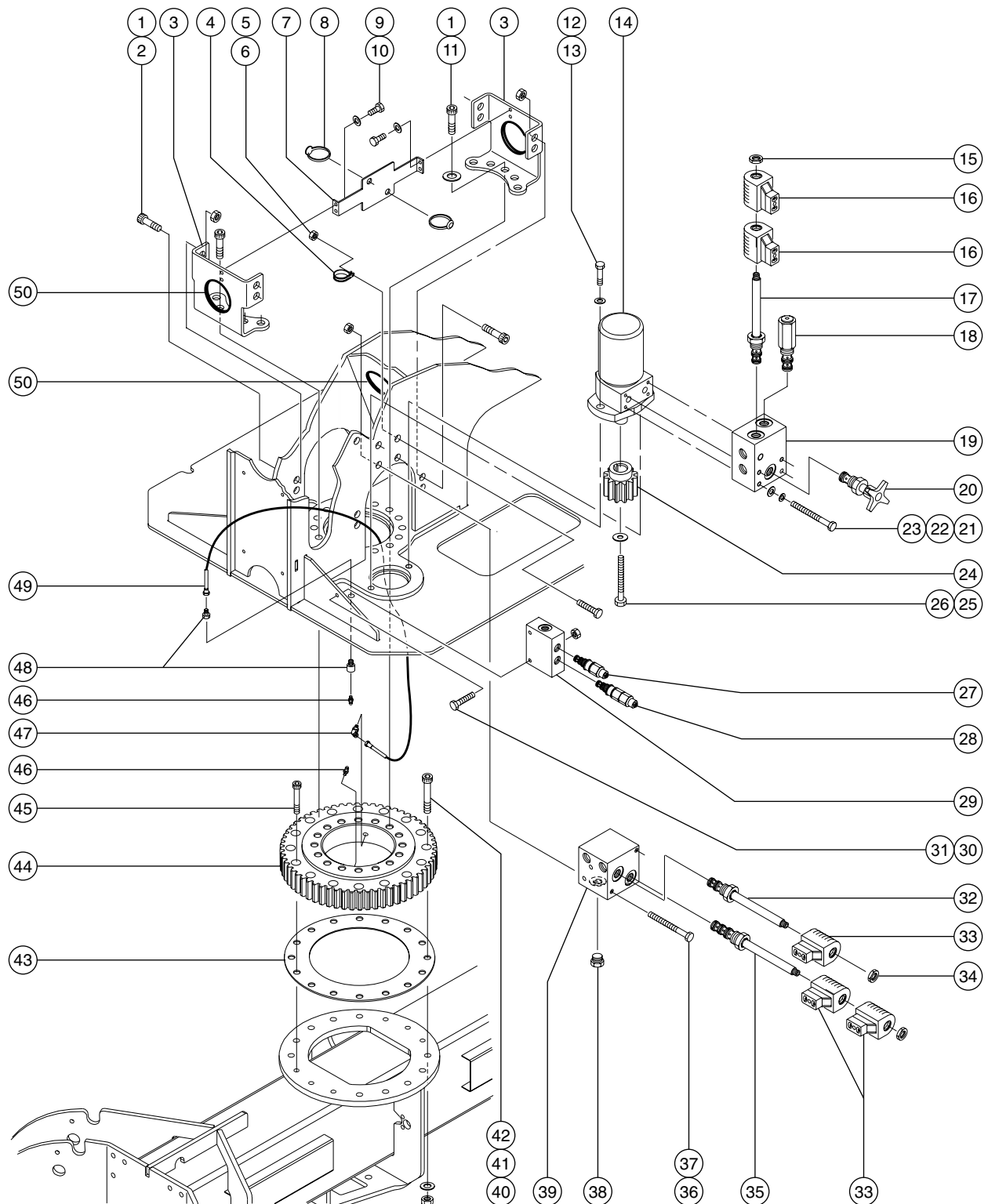
FIGURE 3-A

Index	Part No.	Description	
23	33277	Washer - Flat, M8	4
24	41895	Gear - Spur, Hydraulic Turntable Rotate Motor (12 tooth)	1
25	23057	Screw - HHC, M8 x 1.25 x 20 mm, GR 8.8	1
26	44714	Washer - Fender, 3/8 inch	1
27	76069	Valve - Counterbalance, 4000 psi (276 bar)	1
28	36188	Valve - Counterbalance, 2000 psi (138 bar)	1
29	76061	Block - Manifold	1
30	67349	Screw - HHC, M8 x 1.25 x 50 mm, GR 8.8	1
31	25368	Nut - Nylock, M8	1
32	27048	Valve - Solenoid, 2 position 3 way (includes 1 each index numbers 33 and 34)	1
—	72042	Cartridge - Solenoid Valve	—
—	72043	Seal Kit - Solenoid Valve	—
33	72044	Coil - Solenoid Valve, 20V DC	3
34	72045	Nut - Solenoid Valve	2
35	37073	Valve - Solenoid, 3 position 4 way, 20V DC (includes 2 each index number 33 and 1 each index number 34)	1
—	72046	Cartridge - Solenoid Valve	—
—	72047	Seal Kit - Solenoid Valve	—
36	49401	Screw - HHC, M8 x 1.25 x 100 mm, GR 8.8	2
37	49365	Nut - Nylock, M8	2
38	76075	Plug - Cavity	1
39	67389	Manifold - Outrigger (includes index numbers 32 to 35 and index number 38)	1
40	49391	Screw - SHC, M12 x 1.75 x 60 mm, GR 12.9	10
41	67722	Washer - Flat, Hardened, M12	10
42	49366	Nut - Nylock, M12	16
43	67554	Spacer - Turntable Rotate Bearing	1
44	41894	Bearing - Turntable Rotation	1

This parts list continues. Please turn the page.

FIGURE 3-A

REV C



REV C

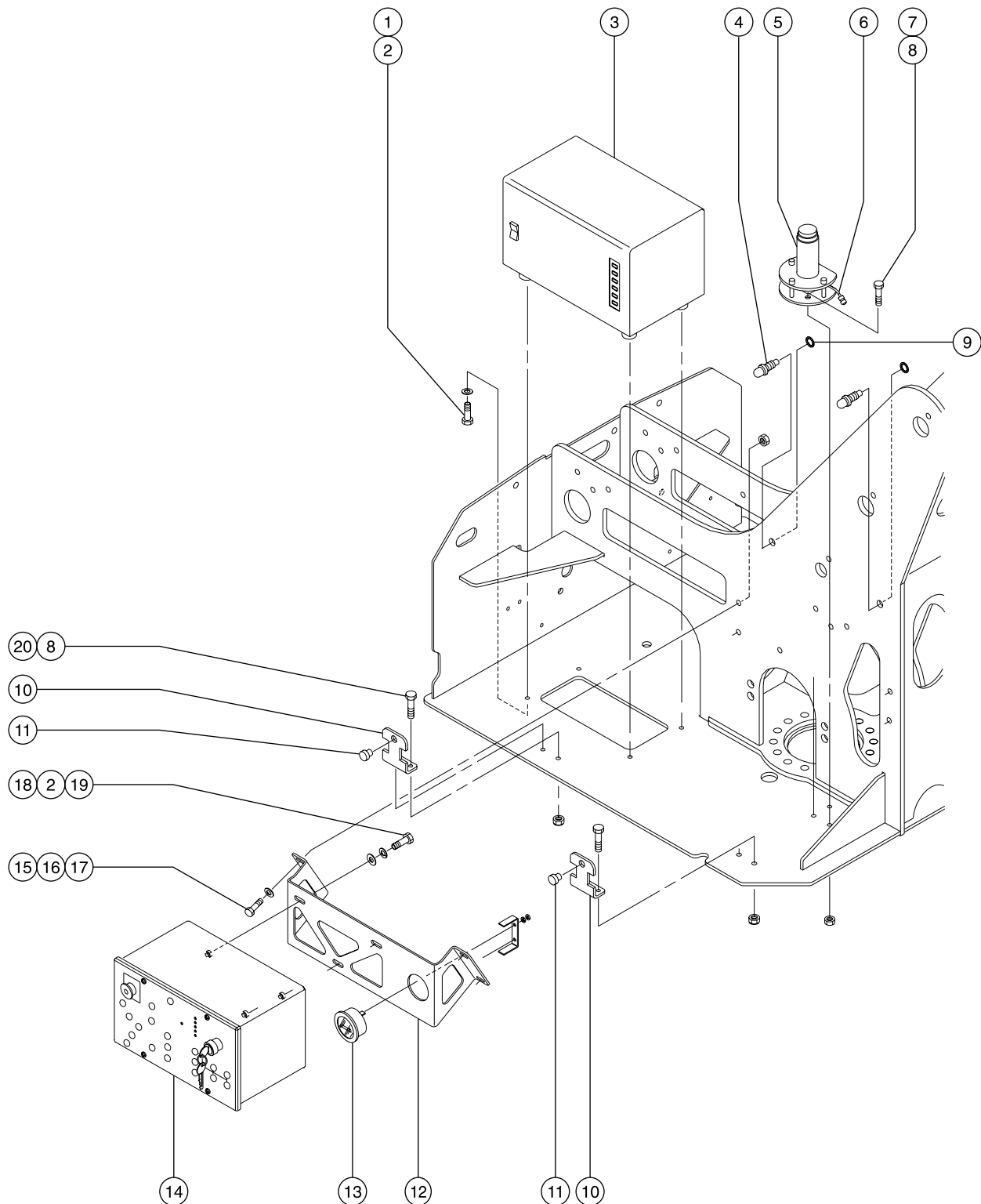
FIGURE 3-A

Index	Part No.	Description	Quantity	This Figure
45	49390	Screw - SHC, M12 x 1.75 x 45 mm, GR 12.9	6	
46	28646	Fitting - Grease, 1/8 NPT	2	
47	49520	Fitting - Elbow, 90°, 4 MPT x 4 JIC (SAE 070302)	1	
48	48885	Fitting - Bulkhead Adapter, 2 NPTF x 4 JIC	1	
49	30886	Hose Assembly - Grease, 19 inch (48.26 cm)	1	
50	46436	Grommet - Rubber, 2.75 x 0.25 inch (70 x 6 mm)	5	

Figure 3-B

Turntable - Ground Controls Side

REV A



REV A

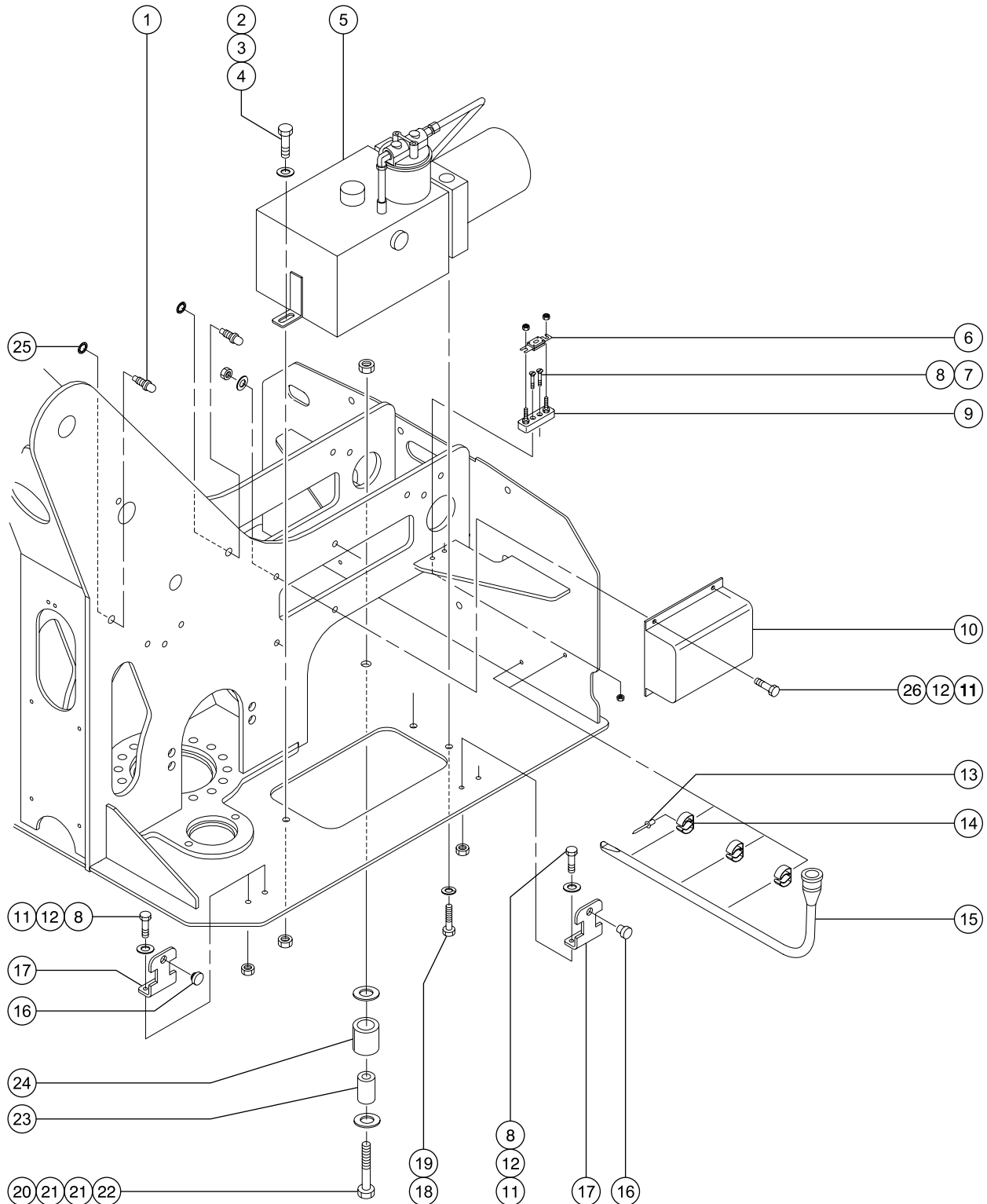
FIGURE 3-B

Index	Part No.	Description	Quantity	This Figure
1	10107	Screw - HHC, $\frac{5}{16}$ -18 x 0.75 inch, GR 5	2	
2	49408	Washer - Lock, M8	7	
3	Ref.	Charger - Battery (refer to Figure 3-E)	—	
4	67785	Light - LED, 24V DC (models with manual outriggers)	4	
5	65361	Level Sensor Assembly, 1.5° (includes index number 6 and test tool assembly)	1	
—	44704	Level Sensor	—	
—	44995	Tilt Sensor Test Tool Assembly (not shown)	—	
6	65329	Connector - Female Panel Mount	1	
—	33579	Pin - Connector, Male	—	
7	49375	Screw - HHC, M6 x 1 x 16 mm, GR 8.8	4	
8	49364	Nut - Nylock, M6	8	
9	56848	Washer - Lock, LED	4	
10	52152	Latch Receiver Assembly (includes 1 each index number 11)	2	
11	43392	Bumper - Rubber, Battery Box	2	
12	85293	Bracket - Ground Control Box	1	
13	56100	Hour Meter - LCD, 9-60V DC (includes mounting bracket and fasteners)	1	
—	76576	Service Kit - Hour Meter Replacement	—	
14	Ref.	Ground Control Box (refer to Figure 3-D)	—	
15	27034	Screw - HHC, M10 x 1.5 x 25 mm, GR 8.8	4	
16	22699	Washer - Flat, M10	4	
17	22736	Nut - Nylock, M10	4	
18	23057	Screw - HHC, M8 x 1.25 x 20 mm, GR 8.8	3	
19	33277	Washer - Flat, M8	3	
20	22578	Screw - HHC, M6 x 1 x 20 mm, GR 8.8	4	

Figure 3-C

REV C

Turntable - Hydraulic Power Unit Side



REV C

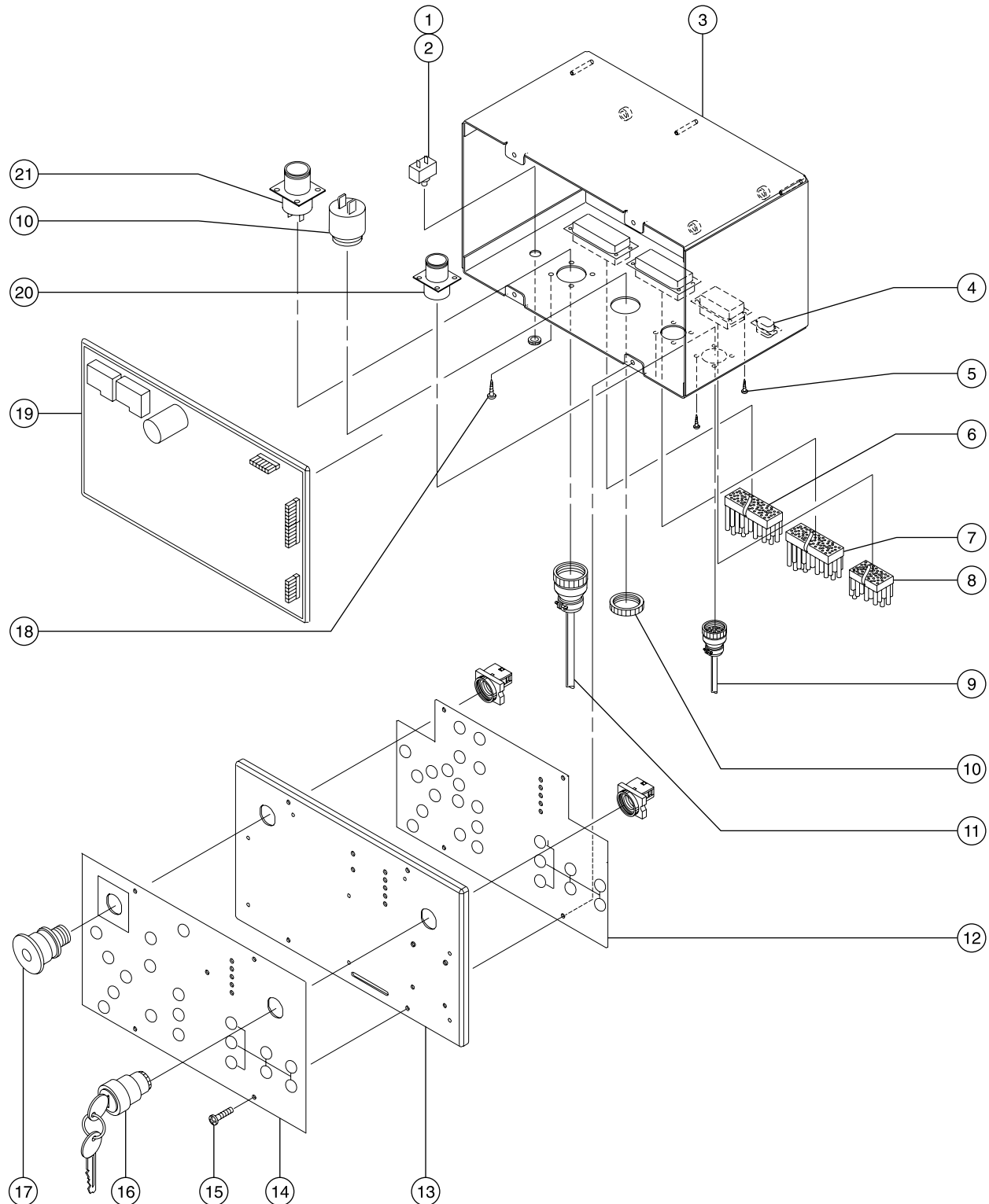
FIGURE 3-C

Index	Part No.	Description	Quantity	This Figure
1	67785	Light - LED, 12V DC (models with manual outriggers) (includes index number 25)	2	
2	49379	Screw - HHC, M8 x 1.25 x 25 mm, GR 8.8	1	
3	33277	Washer - Flat, M8	1	
4	25368	Nut - Nylock, M8	1	
5	67533	Hydraulic Power Unit	1	
6	40833	Fuse, 275A	1	
7	76488	Screw - FHM, M5 x 0.8 x 25 mm, GR 9.8	2	
8	27082	Nut - Nylock, M5 x 0.8 mm	2	
9	66717	Fuse Holder (includes mounting fasteners)	1	
10	66047	Controller - Motor, 175A DC	1	
11	22578	Screw - HHS, M6 x 1 x 20 mm, GR 8.8	8	
12	25926	Washer - Flat, M6	8	
13	41695	Rivet - Steel, 0.188 x 0.5 inch (4.8 x 12.7 mm)	3	
14	46724	Clip - Lug Wrench	3	
15	46722	Lug Wrench, ¹³ / ₁₆ inch	1	
—	67750	Lug Wrench, 19 mm, CE Models	—	
16	43392	Bumper - Rubber, Battery Box	2	
17	52152	Latch Receiver Assembly (includes 1 each index number 16)	2	
18	27034	Screw - HHC, M10 x 1.5 x 25 mm, GR 8.8	2	
19	22700	Washer - Lock, M10	2	
20	49385	Screw - HHC, M14 x 2 x 70 mm, GR 8.8	1	
21	49411	Washer - Flat, M14	2	
22	49367	Nut - Nylock, M14	1	
23	43451	Spacer - Turntable Stop, 0.563 I.D. x 0.875 O.D. x 1.5 inches (1.4 x 2.2 x 3.8 cm)	1	
24	43449	Bumper - Turntable Stop, 0.906 I.D. x 1.5 O.D. x 1.5 inches (2.3 x 3.8 x 3.8 cm)	1	
25	56848	Washer - Lock, LED	4	
26	49364	Nut - Nylock, M6	8	

Figure 3-D

Ground Controls

REV D



REV D

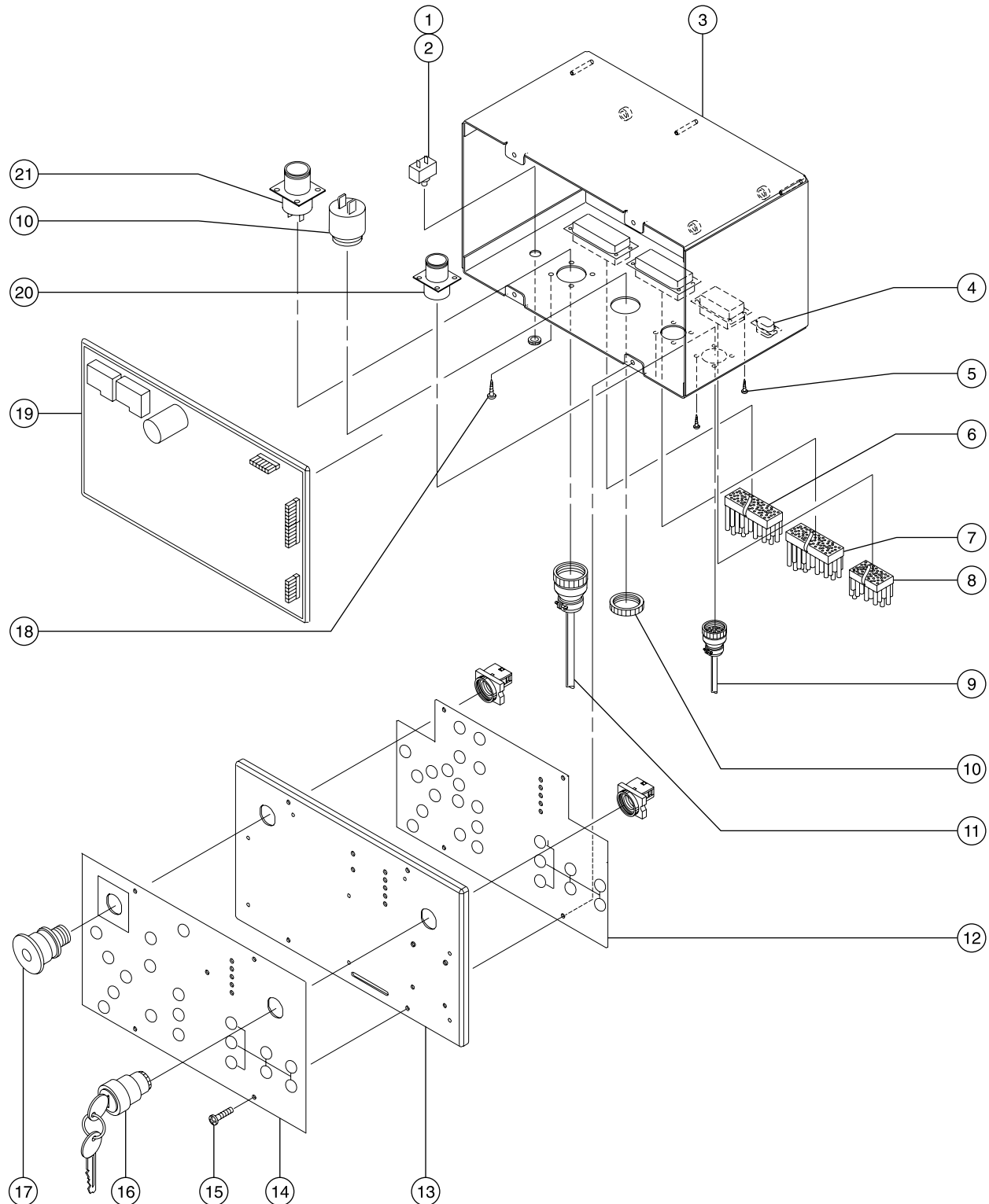
FIGURE 3-D

Index	Part No.	Description	Quantity This Figure
—	76378	Ground Control Box Assembly with Decal (models with manual outriggers) (decals are listed in Section One)	—
—	76377	Ground Control Box Assembly with Decal (models with hydraulic outriggers) (decals are listed in Section One)	—
—	76426	Display - LED	—
—	58268	Blue Board Upgrade Kit (includes index numbers 12 and 19)	—
—	58276	Cable Ribbon (included in blue board upgrade kit)	—
—	58260	Cable Assembly, Switch (included in blue board upgrade kit)	—
1	46484	Circuit Breaker, 30A (includes index number 2)	1
2	65147	Locknut - Circuit Breaker	1
3	76425	Ground Control Box	1
4	65150	Cap - Port, Black	1
5	40767	Screw - PHM, 4-40 x 0.38 inch	12
6	67613	Wire Harness Assembly - Outriggers	1
7	67614	Wire Harness Assembly - Lift	1
8	67615	Wire Harness Assembly - Pump	1
9	67617	Cable Assembly - Platform Controls	1
—	62789	Connector - Male	—
10	39540	Alarm, 6-28V DC (includes retainer nut)	1
—	72326	Nut - Retainer	—
11	67616	Cable Assembly - Power	1
—	62787	Connector - Power Cable, Male	—
12	83046	Printed Circuit Board - CPU	1
—	76202	EPROM	—
13	72015	Lid - Ground Control Box with Decal (models with manual outriggers) (includes index number 14) (decals are listed in Section One)	1
—	72016	Lid - Ground Control Box with Decal (models with hydraulic outriggers) (includes index number 14) (decals are listed in Section One)	—
14	76096	Overlay - Ground Control Box (models with hydraulic outriggers)	1
—	76095	Overlay - Ground Control Box (models with manual outriggers)	—

This parts list continues. Please turn the page.

FIGURE 3-D

REV D



REV D

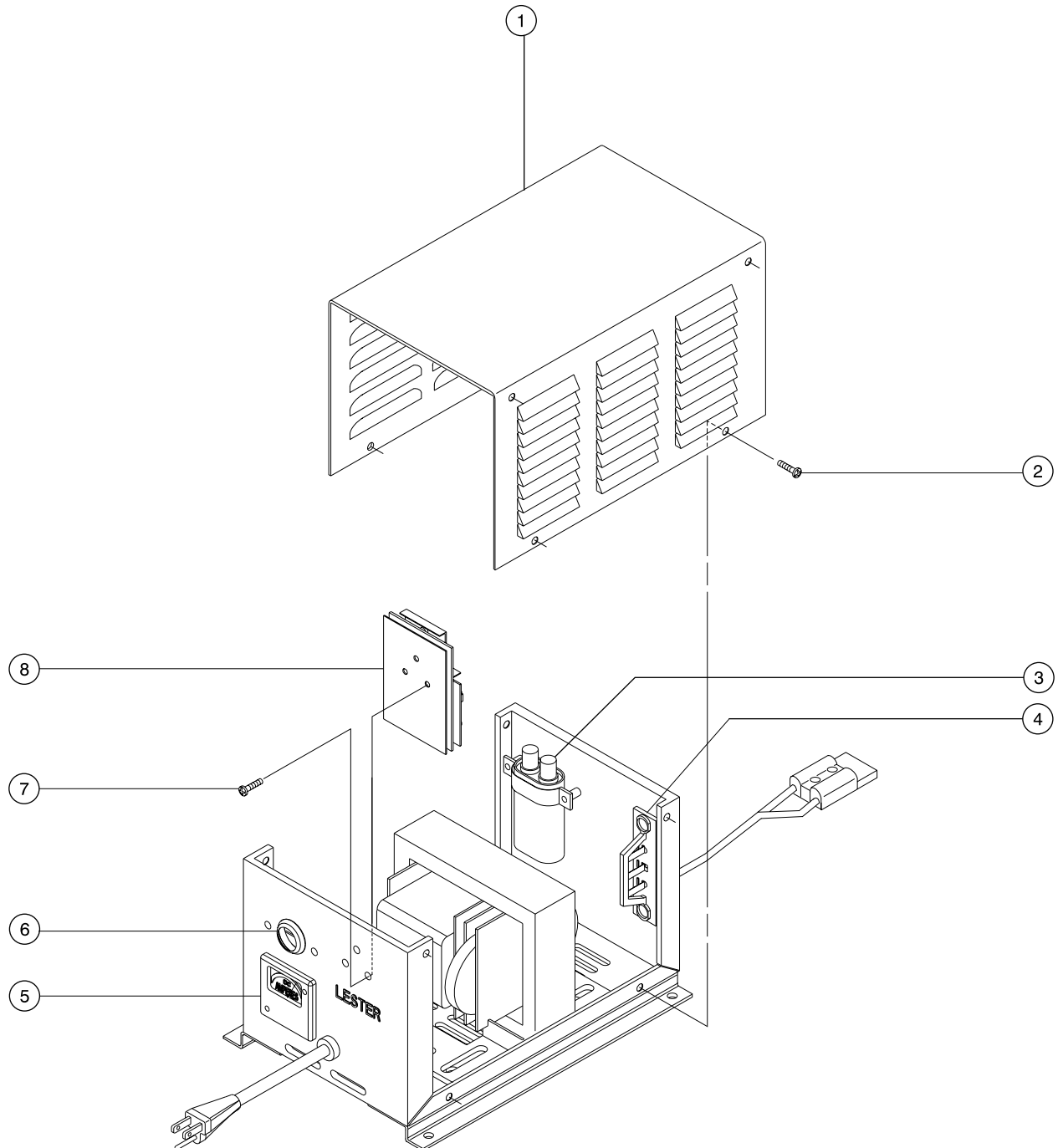
FIGURE 3-D

Index	Part No.	Description	Quantity This Figure
15	49371	Screw - PHM, M4 x 0.7 x 10 mm, GR 4.8	4
16	33574	Key Switch, 3 position with Base (includes 1 pair of keys)	1
—	32612	Key Switch, 3 position (includes 1 pair of keys)	—
—	21982	Key - Key Switch (1 key only)	—
—	37947	Key - Key Switch (package of 10 keys)	—
—	32613	Base - Switch (includes 2 each N.O. contacts)	—
—	45081	Contact - N.O.	—
17	33321	Push Button with Base - Red Mushroom Head	1
—	32614	Push Button - Red Mushroom Head	—
—	33020	Base - Push Button (includes 1 each N.C. contact)	—
—	33328	Base - Push Button	—
—	29732	Contact - N.C.	—
18	33759	Screw - PHM, 8-32 x 0.38 inch, GR 2	4
19	76384	Printed Circuit Board	1
20	62790	Connector - Platform Controls Cable, Male	1
21	62788	Connector - Power Cable, Female	1

Figure 3-E

Battery Charger - Domestic

REV C



REV C

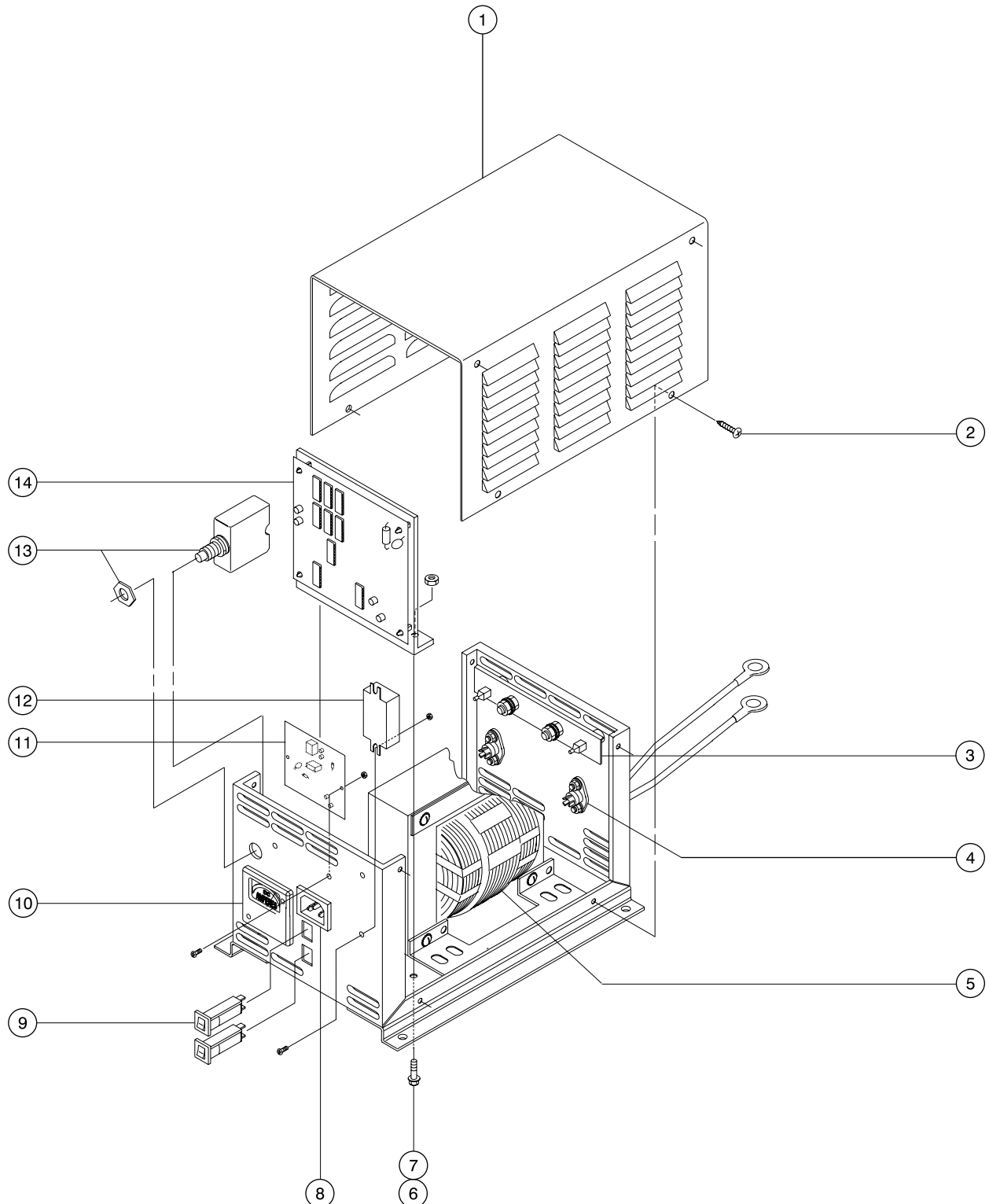
FIGURE 3-E

Index	Part No.	Description	Quantity	This Figure
—	66412	Battery Charger - Complete, Domestic	—	—
—	76562	Kit - Service, Battery Charger, Domestic (before serial number T3403-131)	—	—
1	65432	Case Assembly - Charger (includes cover and base)	1	
2	40537	Screw - PHMS, Number 10 AB x 0.5 inch	8	
3	46335	Capacitor, 4 MFD, 660V AC	1	
4	27262	Heat Sink with Diodes	1	
5	46337	Ammeter, 30A	1	
6	13008-6	Fuse Assembly	1	
7	40536	Screw - PHMS, No. 8 AB x 0.375 inch	3	
8	62858	Electronic Timer Assembly	1	

Figure 3-E.1

Battery Charger - Worldwide

REV C



REV C

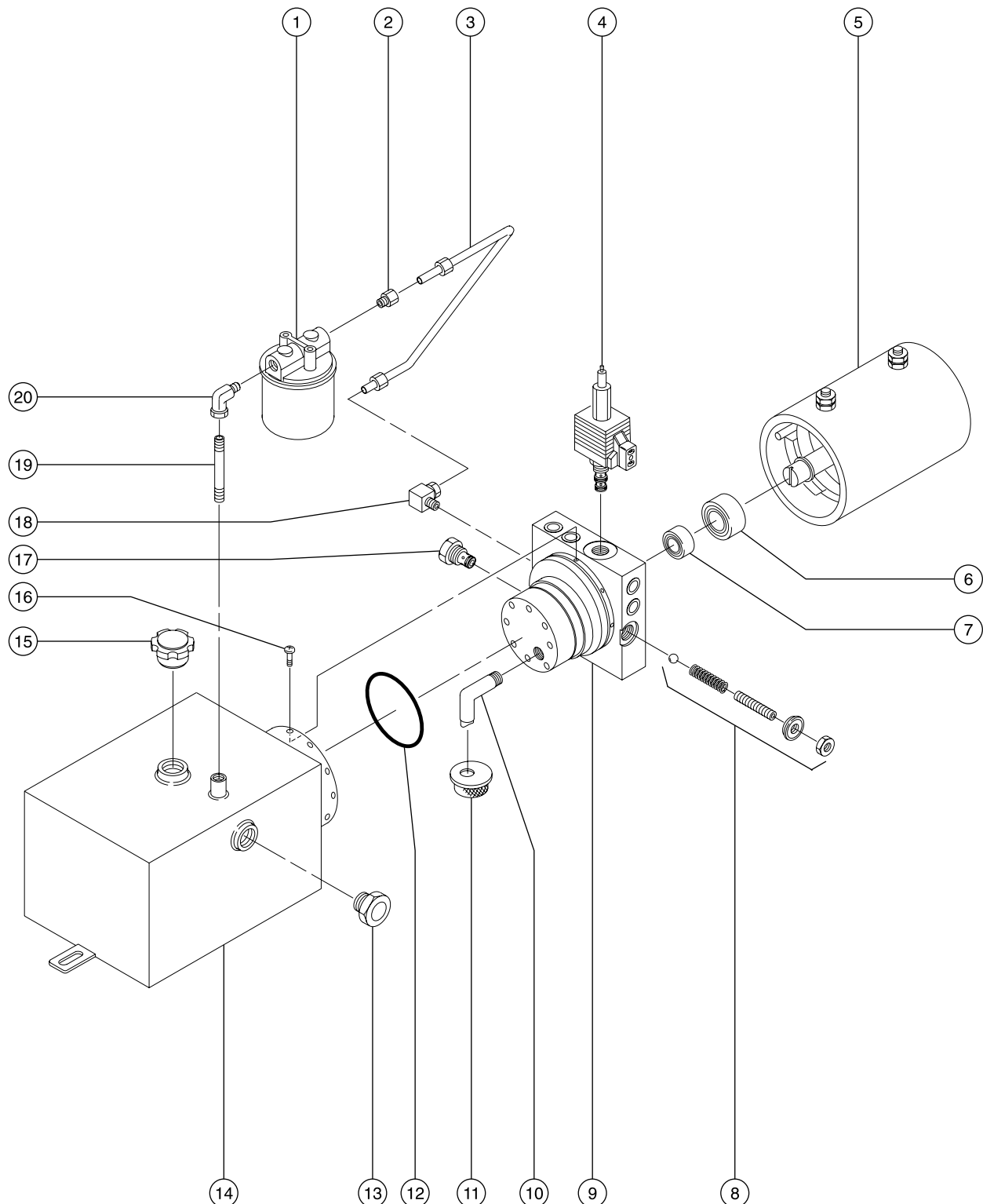
FIGURE 3-E

Index	Part No.	Description	Quantity	This Figure
—	66401	Battery Charger, Complete, Worldwide	—	—
—	76564	Kit - Service, Battery Charger, Worldwide (before serial number T3403-131)	—	—
1	85158	Case Assembly - Charger (includes cover and base)	1	
2	40537	Screw - PHMS, No. 10 AB x 0.5 inch	8	
3	52169	Shunt Assembly	1	
4	52175	SCR Assembly	2	
5	85160	Transformer Assembly	1	
6	69583	Screw - Indent Head, 8-32 x 0.31 inch	2	
7	18542	Nut - Hex, 8-32	2	
8	83001	Connector - I.E.C.	1	
9	52173	Circuit Breaker	2	
10	85159	Ammeter, 25A	1	
11	52171	P.C. Board - Relay Driver	1	
12	52176	Relay - DPDT, 110V DC	1	
13	52174	Circuit Breaker, 45A	1	
14	52170	Electronic Timer Assembly	1	

Figure 3-F

Hydraulic Power Unit

REV A



REV A

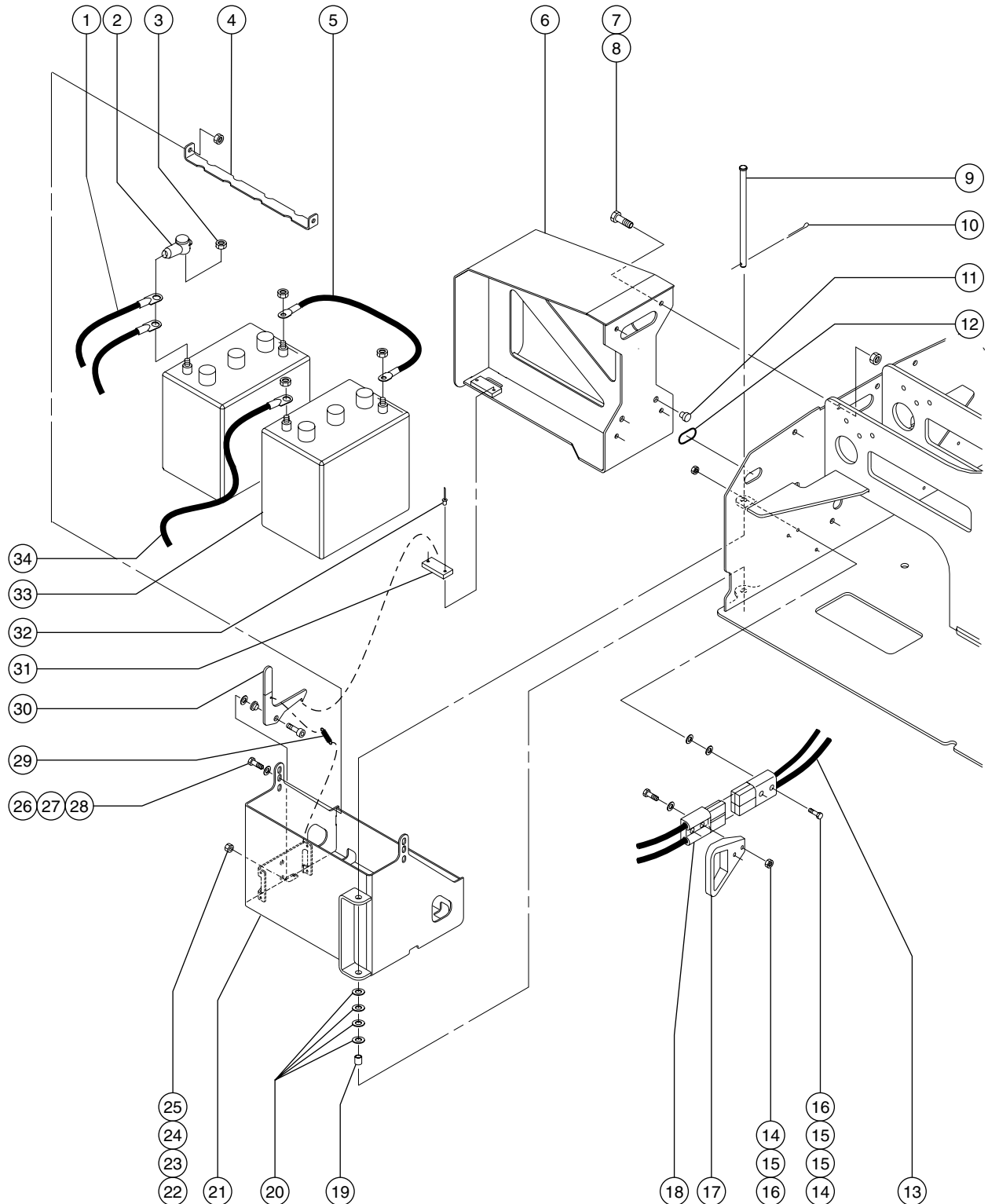
FIGURE 3-F

Index	Part No.	Description	Quantity	This Figure
—	67533	Hydraulic Power Unit, 24V DC - Complete with Decal (decals are listed in Section One)	—	—
1	52313	Hydraulic Tank Return Filter Assembly with Filter	1	1
—	52314	Filter - Hydraulic Fluid	—	—
2	52315	Connector - Hydraulic Power Unit	1	1
3	72113	Tube - Return	1	1
4	72117	Valve - Solenoid, N.C., 2 position 2 way, 24V DC	1	1
—	52348	Cartridge - Solenoid Valve	—	—
—	52347	Coil - Solenoid Valve, 24V DC	—	—
—	72014	Nut - Valve	—	—
5	52318	Motor - Hydraulic Power Unit	1	1
—	65330	Brush Set - Motor, Hydraulic Power Unit	—	—
6	40400	Bearing - Motor	1	1
7	40401	Seal - Motor	1	1
8	52308	Relief Valve Kit	1	1
9	52319	Hydraulic Pump Assembly (includes index numbers 8 and 12)	1	1
10	52307	Tube - Suction, Hydraulic Power Unit	1	1
11	38160	Filter, Pick-up	1	1
12	40318	O-Ring, Reservoir	1	1
13	38161	Gauge - Sight	1	1
14	72013	Hydraulic Tank Assembly with Decal (decals are listed in Section One)	1	1
15	38159	Cap - Breather	1	1
16	21018	Screw - PHM, 10-24 x 0.38 inch	6	6
17	52309	Valve - Check	1	1
18	52321	Elbow - Hydraulic Power Unit	1	1
19	52310	Nipple - Hydraulic Power Unit	1	1
20	52320	Elbow - Return Tube	1	1

Figure 3-G

Battery Pack Module

REV C



REV C

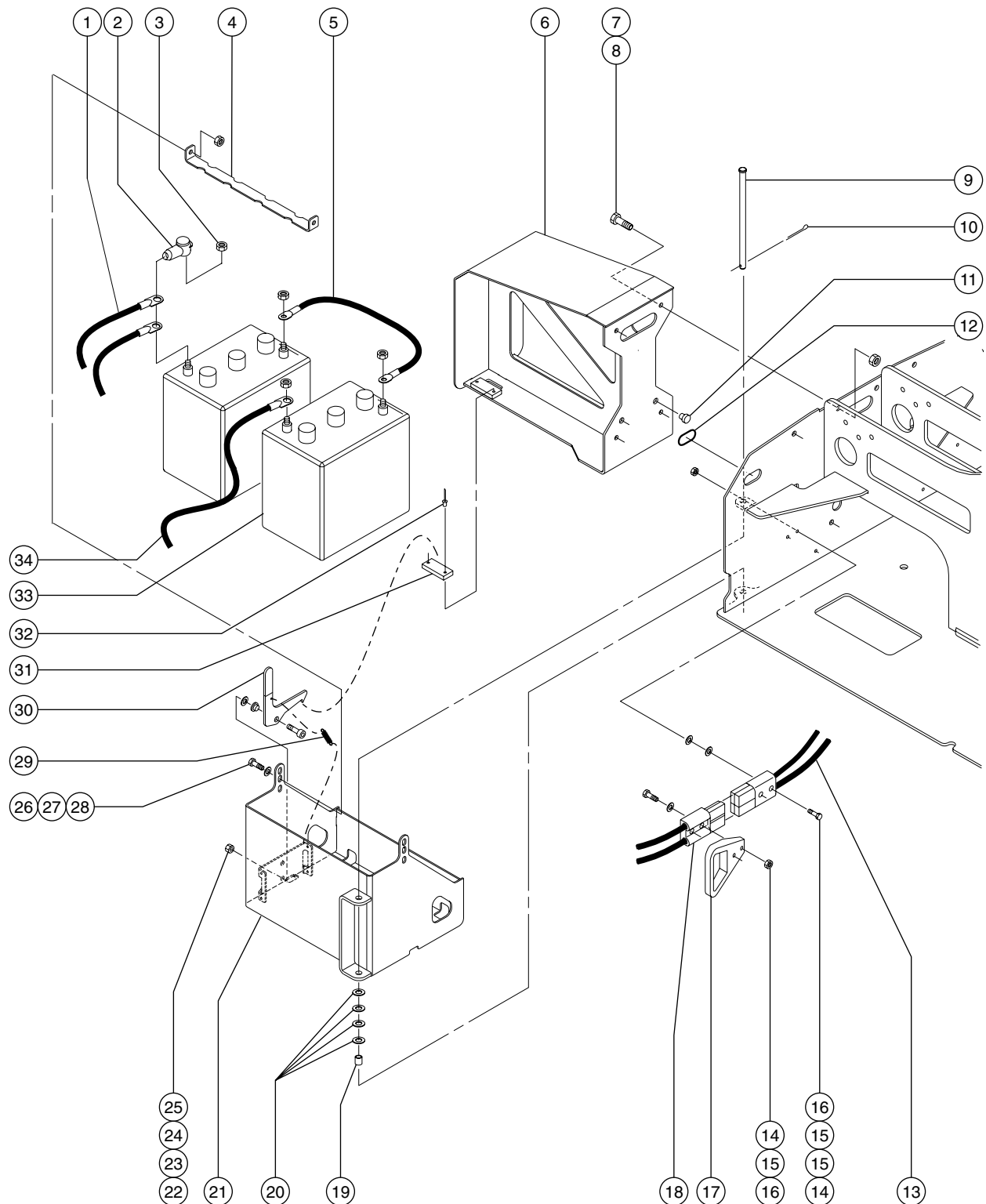
FIGURE 3-G

Index	Part No.	Description	Quantity	This Figure
1	Ref.	Cable Assembly - Battery to Anderson Connector (refer to Figure 3-I)	—	
2	57162	Battery Terminal Protector, Red	8	
3	6782	Nut - Nylock, $\frac{5}{16}$ -18 (from serial number T3402-195 to T3402-396)	8	
4	62158	Battery Hold Down Assembly	2	
5	Ref.	Cable Assembly - Battery Jumper, 6 inches (15.2 cm) (refer to Figure 3-I)	—	
6	67539	Weldment - Battery Cover (before serial number T3400-207)	1	
—	76406	Weldment - Battery Cover (after serial number T3400-206)	—	
7	27034	Screw - HHC, M10 x 1.5 x 25 mm, GR 8.8	4	
8	22736	Nut - Nylock, M10	4	
9	43391	Pin - Clevis, 9.9 x 0.5 inch (25.1 x 1.3 cm)	2	
10	12016	Pin - Cotter, 0.125 x 0.75 inch	2	
11	43392	Bumper - Rubber, Battery Box	2	
12	24649	Grommet - Rubber, 1.5 x 2 inches (3.8 x 5.1 cm)	1	
13	Ref.	Cable Assembly - Anderson Connector to Controller (refer to Figure 3-I)	—	
14	14162	Screw - HHC, M6 x 1 x 35 mm, GR 8.8	4	
15	25926	Washer - Flat, M6	6	
16	49364	Nut - Nylock, M6	4	
17	44716	Handle - Anderson Connector, Red	1	
18	Ref.	Battery Cable Assembly - Battery to Anderson Connector (refer to Figure 3-I) (includes index number 17)	1	
19	48288	Bushing - Bronze, 0.5 x 0.875 x 0.75 inch (1.3 x 2.2 x 1.9 cm) (before serial number T3402-261)	2	
—	76511	Bushing - Bronze, 0.5 x 0.875 x 1 inch (1.3 x 2.2 x 2.54 cm) (after serial number T3402-260)	2	
20	6052	Washer - Shim, 0.5 x 0.875 x 0.063 inch (1.27 x 2.22 x 0.16 cm)	8	

This parts list continues. Please turn the page.

FIGURE 3-G

REV C



REV C

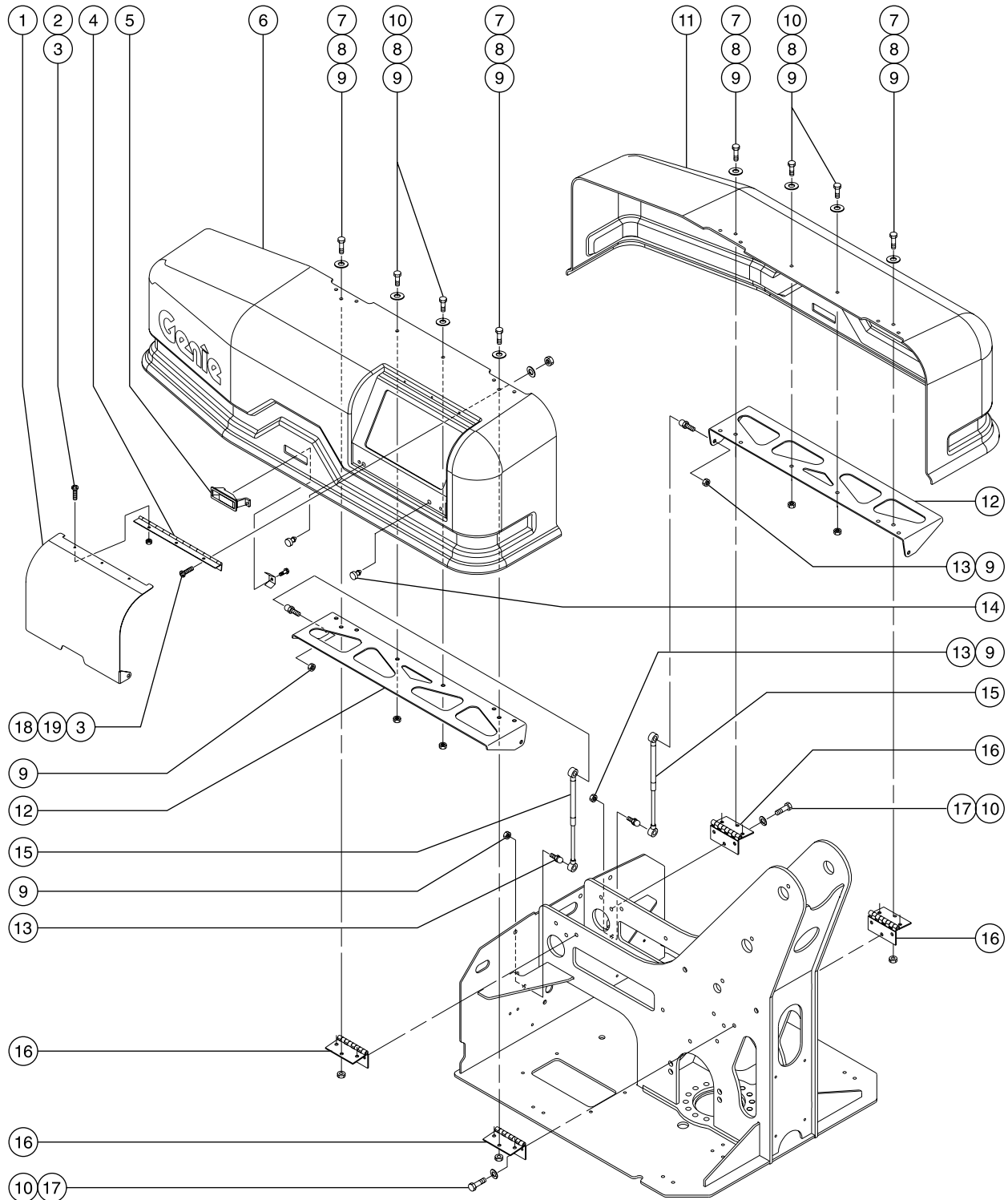
FIGURE 3-G

Index	Part No.	Description	Quantity	This Figure
21	72074	Battery Box Assembly with Decals, Ground Controls Side (shown) (before serial number T3400-207) (decals are listed in Section One)	—	
—	80272	Battery Box Assembly with Decals, Ground Controls Side (after serial number T3400-206) (decals are listed in Section One)	1	
21	72075	Battery Box Assembly, Power Unit Side (before serial number T3400-207)	1	
—	80273	Battery Box Assembly, Power Unit Side (after serial number T3400-206)	—	
22	7713	Nut - Low Profile Nylock, $\frac{3}{8}$ -16	2	
23	54355	Washer - Flat, $\frac{3}{8}$ inch	2	
24	48514	Bushing - Flange, 0.5 x 0.875 x 0.313 inch (1.3 x 2.2 x 0.8 cm)	2	
25	42375	Screw - SHS, $\frac{3}{8}$ -16 x 0.375 inch	2	
26	49379	Screw - HHC, M8 x 1.25 x 25 mm, GR 8.8	2	
27	33277	Washer - Flat, M8	4	
28	25368	Nut - Nylock, M8	2	
29	48075	Spring - Outtrigger	1	
30	72076	Handle Assembly - Battery Box	2	
31	67562	Wear Pad - Battery Box, 3 x 1 x 0.25 inch (7.6 x 2.5 x 0.6 cm)	2	
32	76413	Rivet - Steel, 0.188 x 1 inch (4.8 x 25.4 mm)	4	
33	76502	Battery - Dry, 6V DC, 225AH, Group T105 Case Size: 10 $\frac{3}{8}$ x 7 $\frac{1}{8}$ x 10 $\frac{3}{4}$ inches	4	
—	76500	Service Kit - Battery T105 LPT (before serial number T3402-195)	—	
34	Ref.	Cable Assembly - Battery Jumper (refer to Figure 3-I)	—	

Figure 3-H

Turntable Covers

REV C



REV C

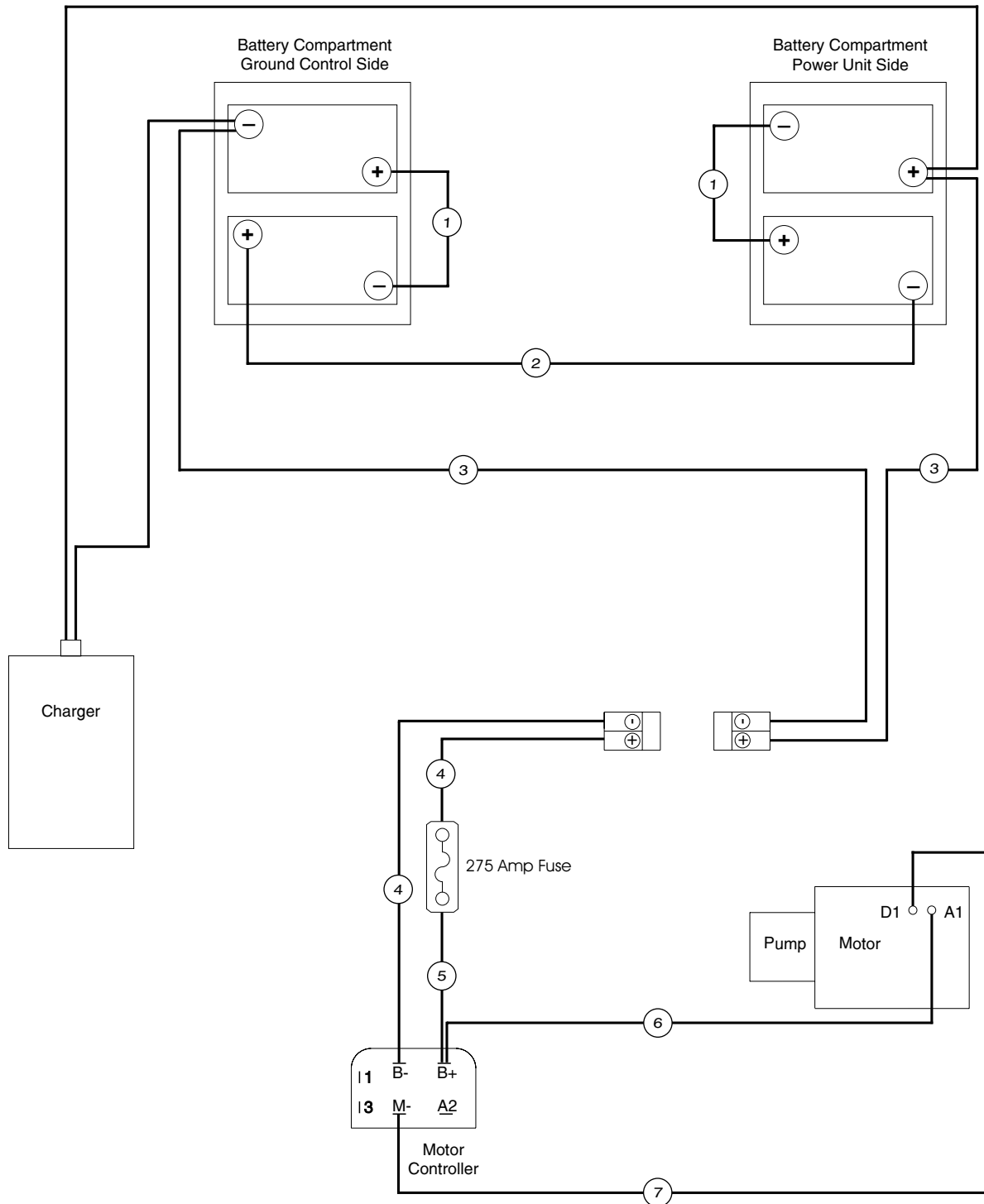
FIGURE 3-H

Index	Part No.	Description	Quantity This Figure
1	72023	Ground Controls Cover Assembly with Decals (includes index number 2, 4 and 3 each index number 3) (decals are listed in Section One)	1
2	49416	Screw - PHM, M5 x 0.8 x 10 mm, GR 4.8	3
3	27082	Nut - Nylock, M5	6
4	46431	Hinge - Ground Control Box Cover	1
5	43446	Latch - Locking (includes mounting fasteners, bracket and keys)	2
—	52293	Key - Locking Latch	—
6	72024	Turntable Cover Assembly with Decals (Ground Controls Side) (includes index numbers 1, 5, 14, 18 and 19) (decals are listed in Section One)	1
7	49379	Screw - HHC, M8 x 1.25 x 25 mm, GR 8.8	12
8	33277	Washer - Flat, M8	16
9	25368	Nut - Nylock, M8	20
10	23057	Screw - HHC, M8 x 1.25 x 20 mm, GR 8.8	16
11	72025	Turntable Cover Assembly with Decals (Power Unit Side) (includes index number 5) (decals are listed in Section One)	1
12	46420	Bracket - Cover Stiffener	2
13	43474	Ball Stud	4
14	46716	Bumper - Rubber	2
15	39542	Gas Strut	2
16	43447	Hinge, 2 x 2 x 4 inches (5.08 x 5.08 x 10.16 cm)	2
17	49408	Washer - Lock, M8	12
18	49417	Screw - PHM, M5 x 0.8 x 16 mm, GR 4.8	3
19	49413	Washer - Flat, M5	3

Figure 3-I

Power Cables

REV A



REV A

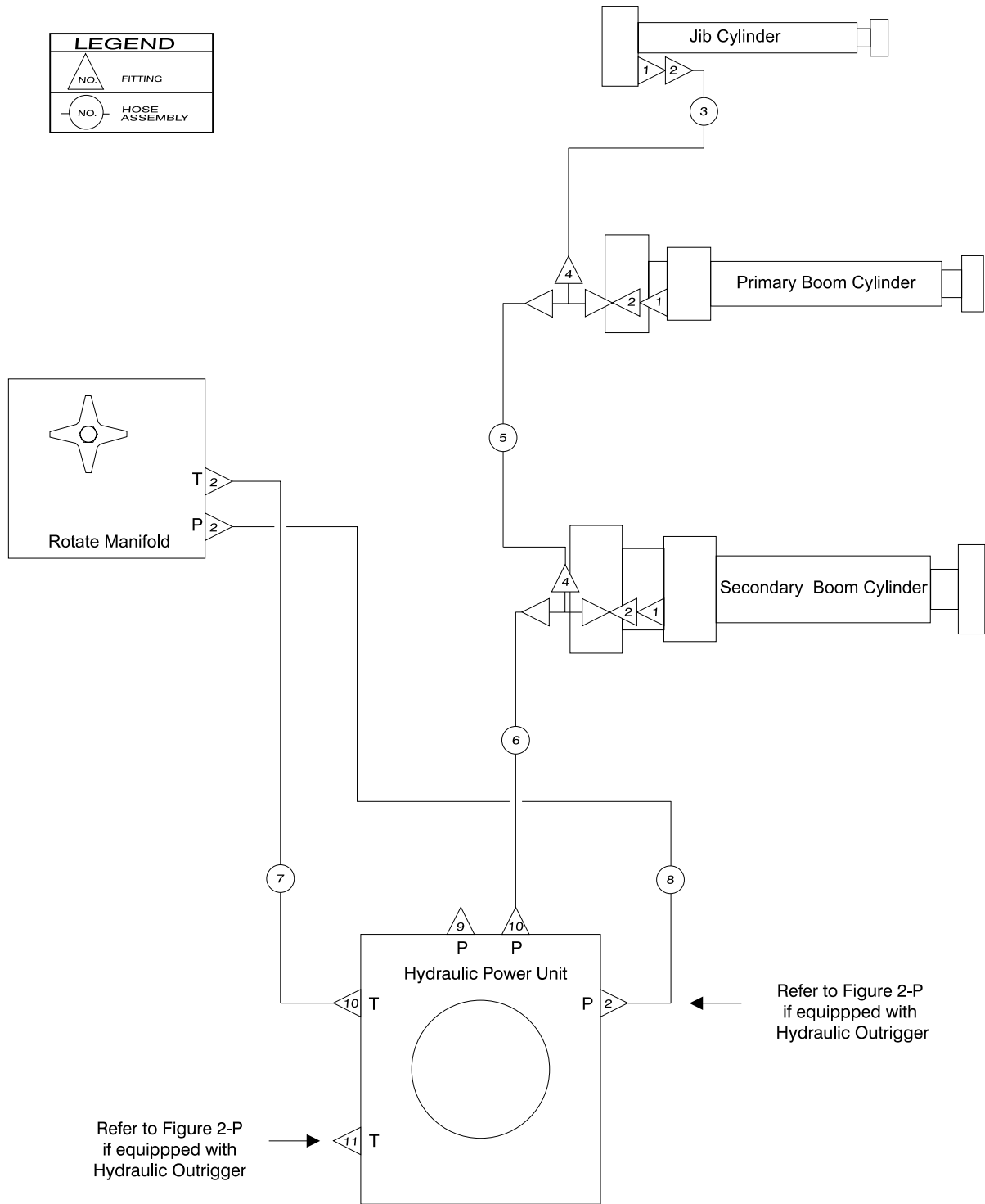
FIGURE 3-I

Index	Part No.	Description	Quantity	This Figure
—	Ref.	Fuse, 275A (refer to Figure 3-C)	—	—
1	44713	Cable Assembly - Battery Jumper, Black, 6 inches (15.2 cm)	2	
2	44712	Cable Assembly - Battery Jumper, Black, 31.5 inches (80 cm)	1	
3	44710	Cable Assembly - Battery to Anderson Connector	1	
—	19436	Anderson Connector	—	
4	44711	Cable Assembly - Anderson Connector to Fuse and Controller	1	
—	19436	Anderson Connector	—	
—	55023-200	Cover - Plastic, Battery Terminal, Motor Controller, 1 x 0.035 inch	1	
5	67783	Cable Assembly - Fuse to Controller, Red, 7.5 inches (19 cm)	1	
6	48284	Cable Assembly - Motor to Controller, Red, 10.5 inches (26.7 cm)	1	
—	55023-200	Cover - Plastic, Battery Terminal, Motor Controller, 1 x 0.035 inch	1	
7	44727	Cable Assembly - Motor to Controller, Black, 10.5 inches (26.7 cm)	1	

Figure 3-J

Hydraulic Hoses and Fittings

REV C



REV C

FIGURE 3-J

Index	Part No.	Description	Quantity This Figure
—	49613	Plug and Cap Kit (services O-Ring Face Seal Fittings)	—
—	49612	O-Ring Kit (services O-Ring Face Seal Fittings)	—
1	55558	Orifice, 0.037 inch (0.9 mm)	3
2	48912	Fitting - Connector, 4 ORFS x 6 SAE (SAE 520120)	6
3	46140	Hose Assembly - Components: B , C and A @ 235 inches (5.97 cm)	1
4	48908	Fitting - Swivel Run Tee, 4 ORFS x 4 SAE (SAE 520432)	2
5	67780	Hose Assembly - Components: B , C and A @ 230 inches (5.84 m) (after serial number T3400-231)	1
6	67781	Hose Assembly - Components: B , D and A @ 51 inches (1.30 m) (after serial number T3400-229)	1
7	46145	Hose Assembly - Components: B , C and A @ 33.5 inches (85.1 cm)	1
8	46144	Hose Assembly - Components: B , C and A @ 30.5 inches (77.5 cm)	1
9	28890	Diagnostic Nipple, No. 6 SAE	1
10	48911	Fitting, 90° Elbow, 4 ORFS x 6 SAE (SAE 520220)	2
11	49517	Fitting - Plug, Hex Head with O-Ring (SAE 090109B-6)	1

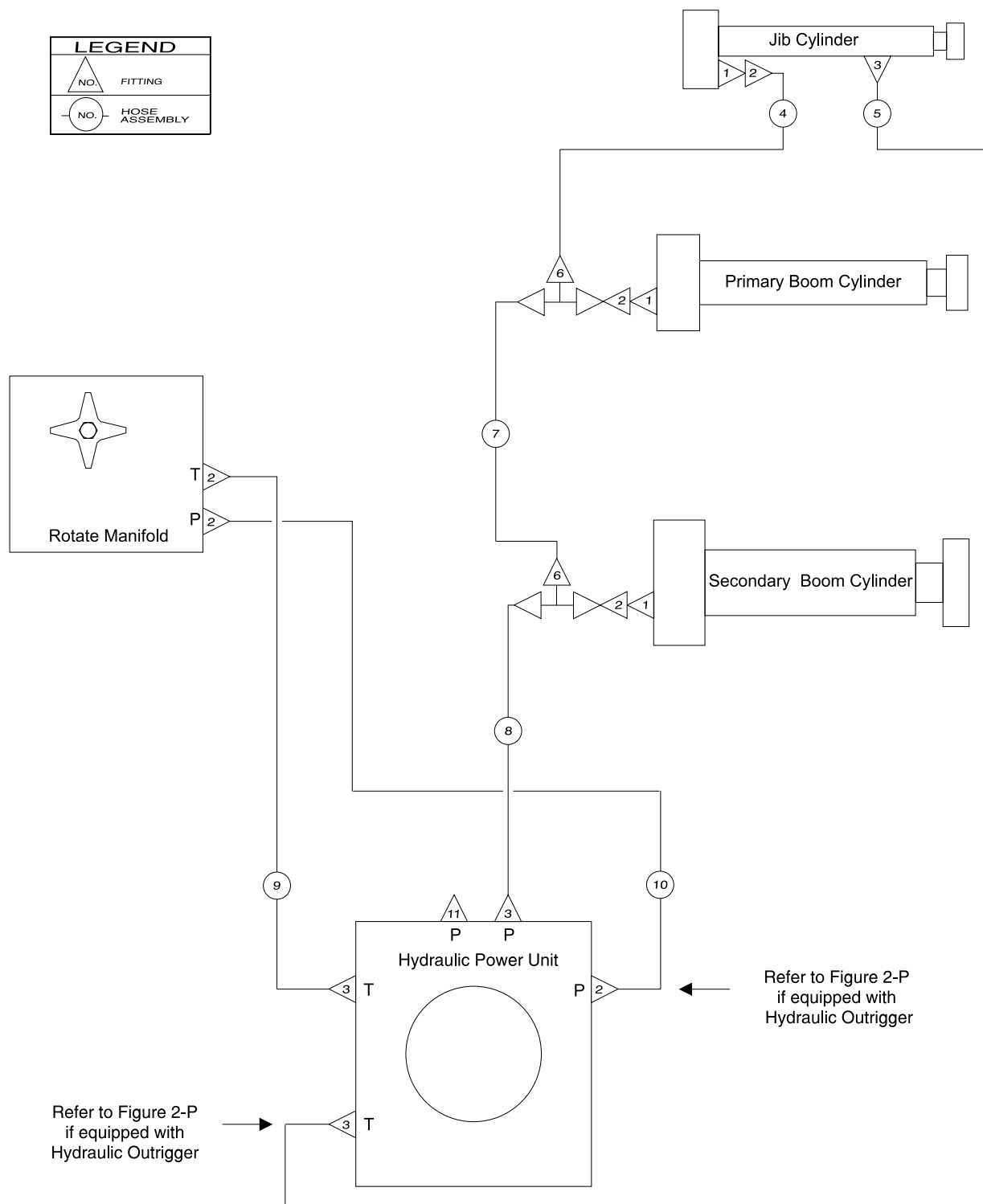
Hose Assembly Component List • Figure 3-J

- A** Hose, 1/4 inch (Parker No. 481TC-4)
- B** Hose End - Female, Swivel, ORFS (Parker No. 1JC43-4)
- C** Hose End - Female, Swivel, 90°, ORFS (Parker No. 1J943-4)
- D** Hose End - Female, Swivel, 45°, ORFS (Parker No. 1J743-4)

Figure 3-K

REV A

Hydraulic Hoses and Fittings (models with cylinder return line)



REV A

FIGURE 3-K

Index	Part No.	Description	Quantity	This Figure
—	49613	Plug and Cap Kit (services O-Ring Face Seal Fittings)	—	—
—	49612	O-Ring Kit (services O-Ring Face Seal Fittings)	—	—
1	55558	Orifice, 0.037 inch (0.9 mm)	3	
2	48912	Fitting - Connector, 4 ORFS x 6 SAE (SAE 520120)	6	
3	48911	Fitting, 90° Elbow, 4 ORFS x 6 SAE (SAE 520220)	4	
4	46140	Hose Assembly - Components: B , C and A @ 235 inches (5.97 cm)	1	
5	49419	Hose Assembly - Components: B , B and A @ 492 inches (12.5 m)	1	
6	48908	Fitting - Swivel Run Tee, 4 ORFS x 4 SAE (SAE 520432)	2	
7	46141	Hose Assembly - Components: B , C and A @ 215 inches (5.46 m) (before serial number T3400-232)	1	
8	46142	Hose Assembly - Components: B , B and A @ 36 inches (91.4 cm) (before serial number T3400-230)	1	
9	46145	Hose Assembly - Components: B , C and A @ 33.5 inches (85.1 cm)	1	
10	46144	Hose Assembly - Components: B , C and A @ 30.5 inches (77.5 cm)	1	
11	28890	Fitting - Diagnostic Nipple, No. 6 Port	1	

Hose Assembly Component List • Figure 3-K

- A** Hose, 1/4 inch (Parker No. 481TC-4)
B Hose End - Female, Swivel, ORFS (Parker No. 1JC43-4)
C Hose End - Female, Swivel, 90°, ORFS (Parker No. 1J943-4)

Notes

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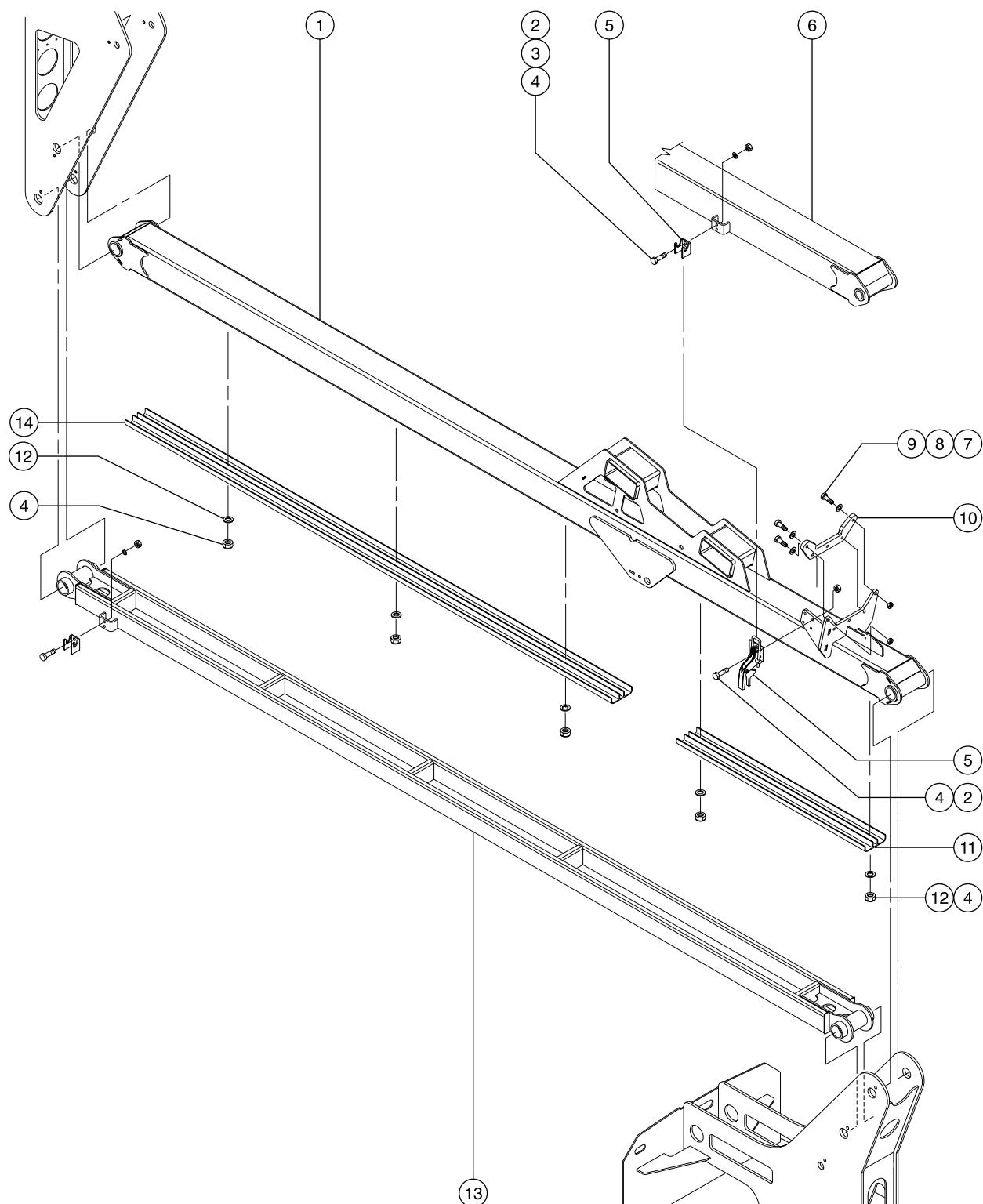
Section Four

Boom Components

Figure 4-A

REV C

Secondary Boom - View 1



REV C

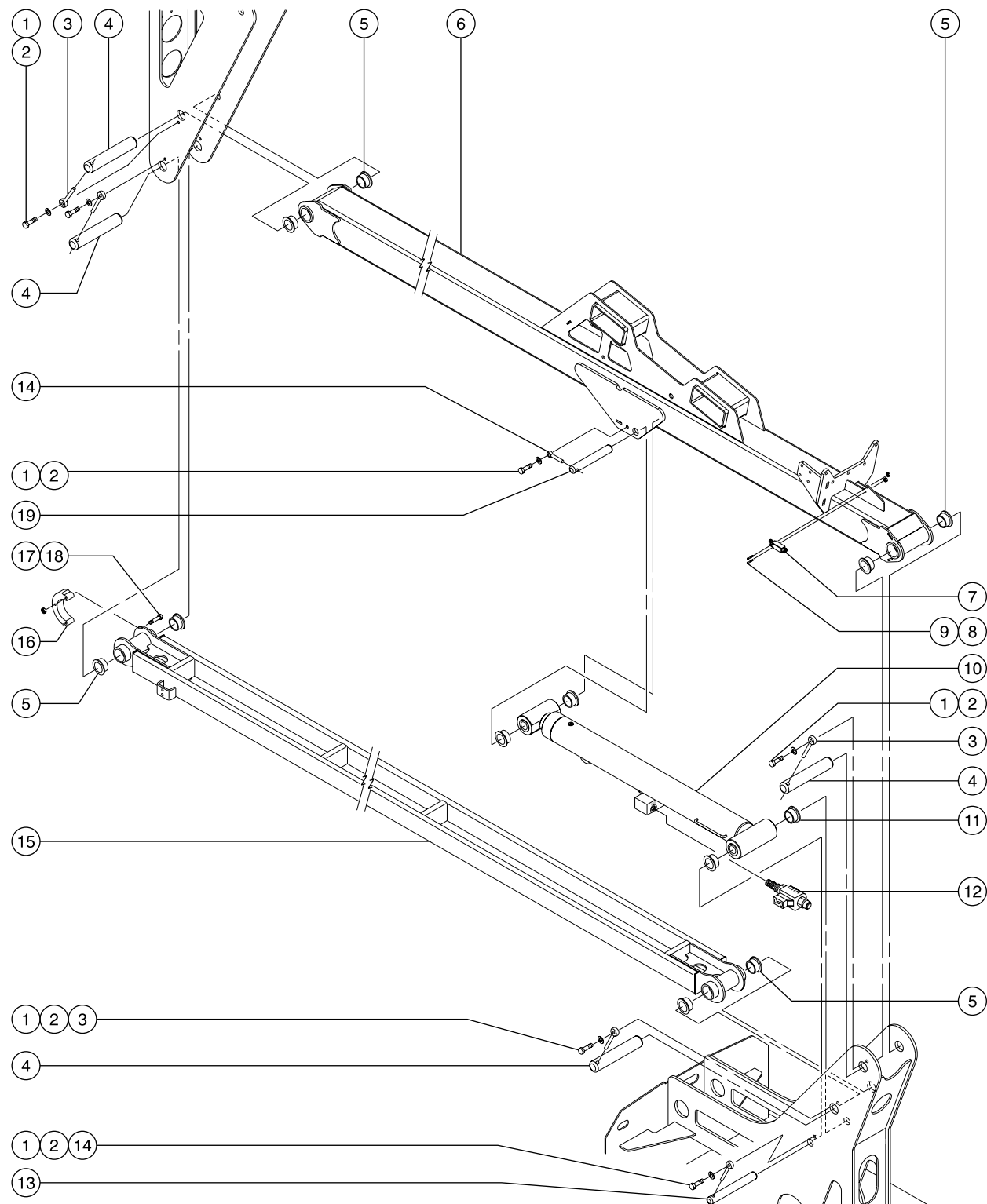
FIGURE 4-A

Index	Part No.	Description	Quantity	This Figure
1	72034	Secondary Boom Assembly with Bearings and Decals (decals are listed in Section One)	1	
2	49379	Screw - HHC, M8 x 1.25 x 25 mm, GR 8.8	8	
3	33277	Washer - Flat, M8	4	
4	25368	Nut - Nylock, M8	14	
5	43456	Clamp - Mast Hold-down	2	
6	Ref.	Primary Boom Assembly with Decals (refer to Figure 4-C)	—	
7	25548	Screw - HHC, M10 x 1.5 x 40 mm, GR 8.8	4	
8	22700	Washer - Lock, M10	4	
9	22736	Nut - Nylock, M10	4	
10	67477	Wear Pad, 10.5 x 4 x 0.54 inch (26.67 x 10.16 x 1.27 cm)	2	
11	59692	Guard - Cable, 36 inches (91.44 cm)	1	
12	22699	Washer - Flat, M10	5	
13	Ref.	Secondary Linkage Assembly (refer to Figure 4-B)	—	
14	59573	Guard - Cable, 92 inches (2.34 m)	1	

Figure 4-B

Secondary Boom - View 2

REV C



REV C

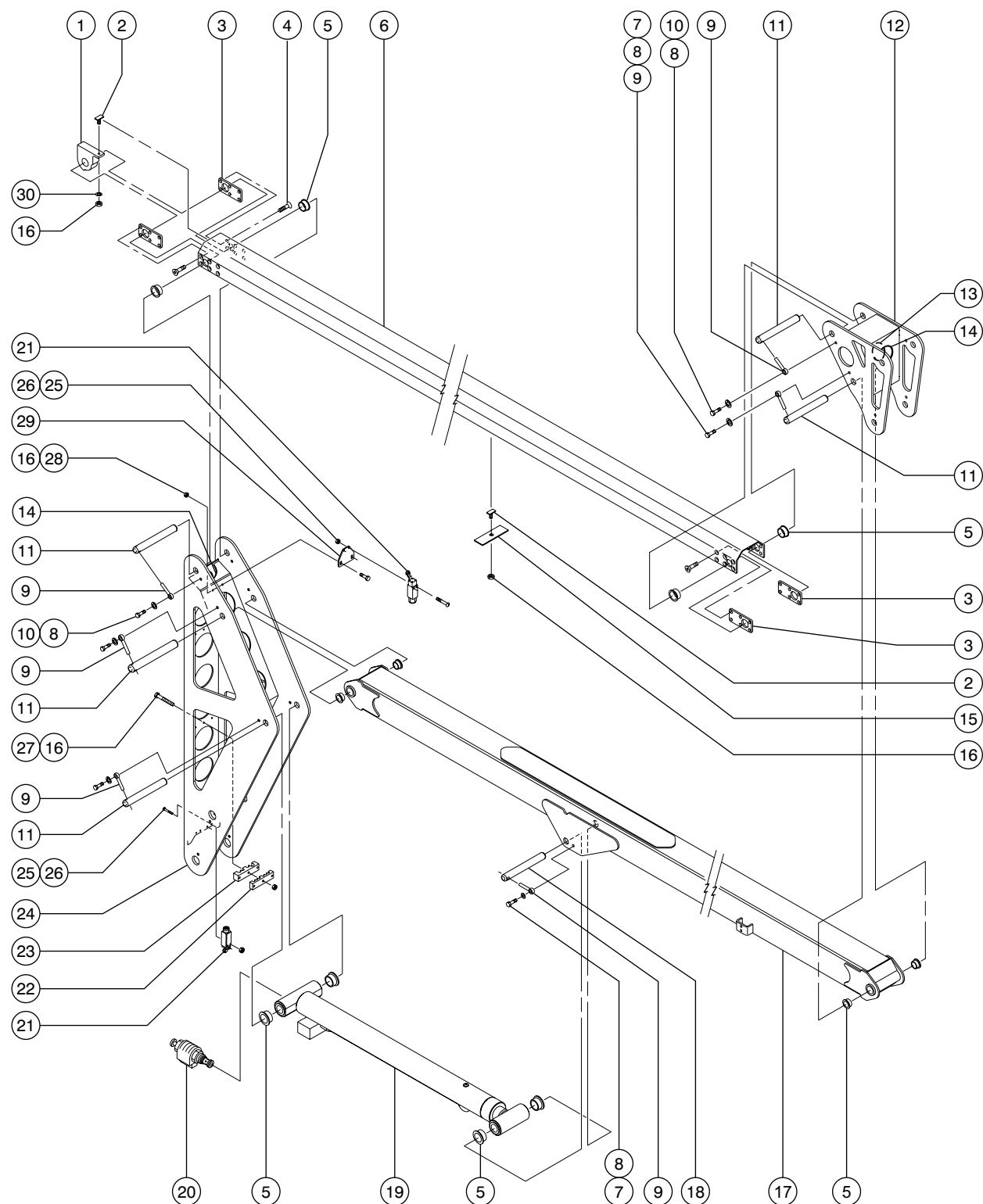
FIGURE 4-B

Index	Part No.	Description	Quantity	This Figure
1	27034	Screw - HHC, M10 x 1.5 x 25 mm, GR 8.8	6	
2	22700	Washer - Lock, M10	6	
3	43459	Rod End, 0.375 x 3.69 inches (1 x 9.37 cm)	3	
4	41860	Pin - Pivot, 8.25 x 1.5 inches (20.96 x 3.81 cm)	4	
5	41858	Bearing - Flange, 1.51 x 1.75 x 0.84 inch (3.8 x 4.4 x 2.1 cm)	8	
6	72034	Secondary Boom Assembly with Decals (includes 4 each index number 5) (decals are listed in Section One)	1	
7	76457	Limit Switch with Roller Arm	1	
—	19491	Contact - Limit Switch	—	
—	27643	Roller Arm - Limit Switch	—	
—	76450	Connector - Limit Switch	—	
8	48040	Screw - HHC, M5 x 0.8 x 40 mm, GR 8.8	2	
9	27082	Nut - Nylock, M5	2	
10	41891	Hydraulic Cylinder - Secondary Boom Lift (before serial number T3400-230)	1	
—	52303	Seal Kit - Secondary Cylinder	—	
10	67731	Hydraulic Cylinder - Secondary Boom Lift (after serial number T3400-229)	1	
—	72038	Seal Kit - Secondary Cylinder	—	
11	36245	Bearing, 1 x 1.25 x 0.84 inch (2.54 x 3.18 x 2.13 cm)	4	
12	72099	Valve - Solenoid, N.C., Bi-directional, Complete	1	
—	67925	Cartridge - Solenoid Valve	—	
—	67926	Coil - Solenoid Valve, 24V DC	—	
—	72100	Nut - Solenoid Valve	—	
—	72101	Seal Kit - Solenoid Valve	—	
13	41861	Pin - Pivot, 8.13 x 1 inch (20.65 x 2.54 cm)	1	
14	25284	Rod End, 0.375 x 2.25 inches (1 x 5.71 cm)	2	
15	52154	Secondary Linkage Assembly (includes 4 each index number 5)	1	
16	67719	Cam - Retract Switch, Lower	1	
17	49377	Screw - HHC, M6 x 1 x 40 mm, GR 8.8	3	
18	49364	Nut - Nylock, M6	3	
19	41862	Pin - Pivot, 6.88 x 1 inch (17.48 x 2.54 cm)	1	

Figure 4-C

Primary Boom

REV A



REV A

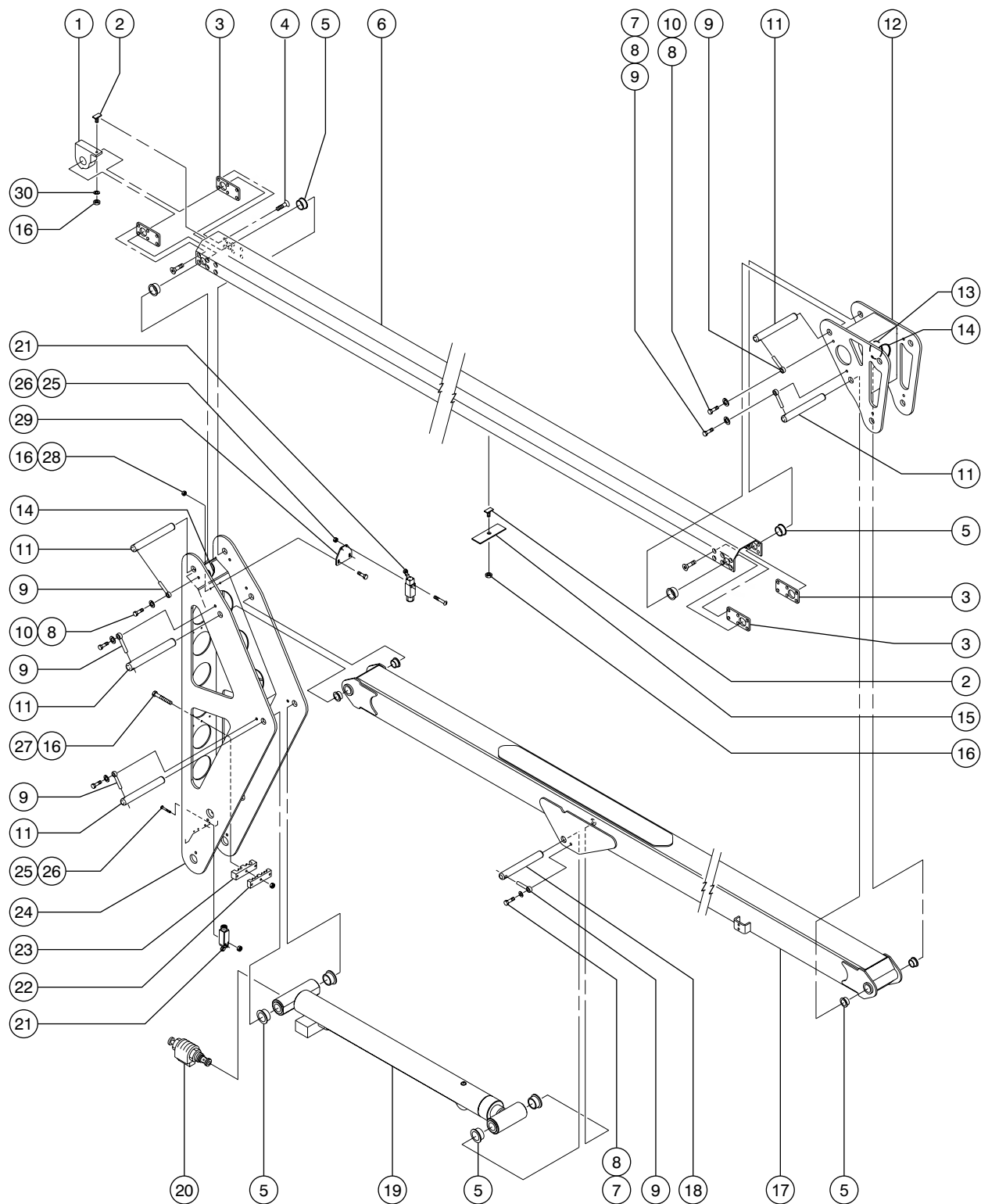
FIGURE 4-C

Index	Part No.	Description	Quantity	This Figure
—	85303	Primary Link Extrusion Assembly with Bearings (includes index number 4, 4 each index number 3 and 5 and 1 each index number 6)	—	—
1	67718	Cam - Limit Switch	1	1
2	55068	Bolt - Tee, M6 x 1 x 10 mm	5	5
3	41806	Plate - Reinforcement	4	4
4	76415	Screw - FHS, M10 x 16 x 1.5 mm	24	24
5	36245	Bearing, 1 x 1.25 x 0.84 inch (2.5 x 3.2 x 2.1 cm)	12	12
6	41805	Extrusion - Primary Link	1	1
7	27034	Screw - HHC, M10 x 1.5 x 25 mm, GR 8.8	2	2
8	22700	Washer - Lock, M10	6	6
9	25284	Rod End, 0.375 x 2.25 inches (1 x 5.71 cm)	7	7
10	49393	Screw - HHC, M10 x 1.5 x 20 mm, GR 8.8	2	2
11	41861	Pin - Pivot, 8.13 x 1 inch (20.65 x 2.54 cm)	5	5
12	72055	Jib Boom Pivot Assembly (includes 2 each index number 14)	1	1
13	46718	Trimlock, ³ / ₁₆ inch	15 inches (38 cm)	
14	55067	Grommet - Rubber, 3 x 3.5 inches (7.6 x 8.9 cm)	5	5
15	41818	Bracket - Cable	5	5
16	49364	Nut - Nylock, M6	11	11
17	72035	Primary Boom Assembly with Bearings and Decals (ANSI and CSA models) (includes 4 each index number 5) (decals are listed in Section One)	1	1
—	72036	Primary Boom Assembly with Bearings and Decals (CE models) (includes 4 each index number 5) (decals are listed in Section One)	—	—
18	41862	Pin - Pivot, 6.88 x 1 inch (17.48 x 2.54 cm)	1	1
19	41890	Hydraulic Cylinder - Primary Boom Lift (before serial number T3400-232)	1	1
—	52304	Seal Kit - Primary Cylinder	—	—
19	67730	Hydraulic Cylinder - Primary Boom Lift (after serial number T3400-231)	1	1
—	72039	Seal Kit - Primary Cylinder	—	—

This parts list continues. Please turn the page.

FIGURE 4-C

REV A



REV A

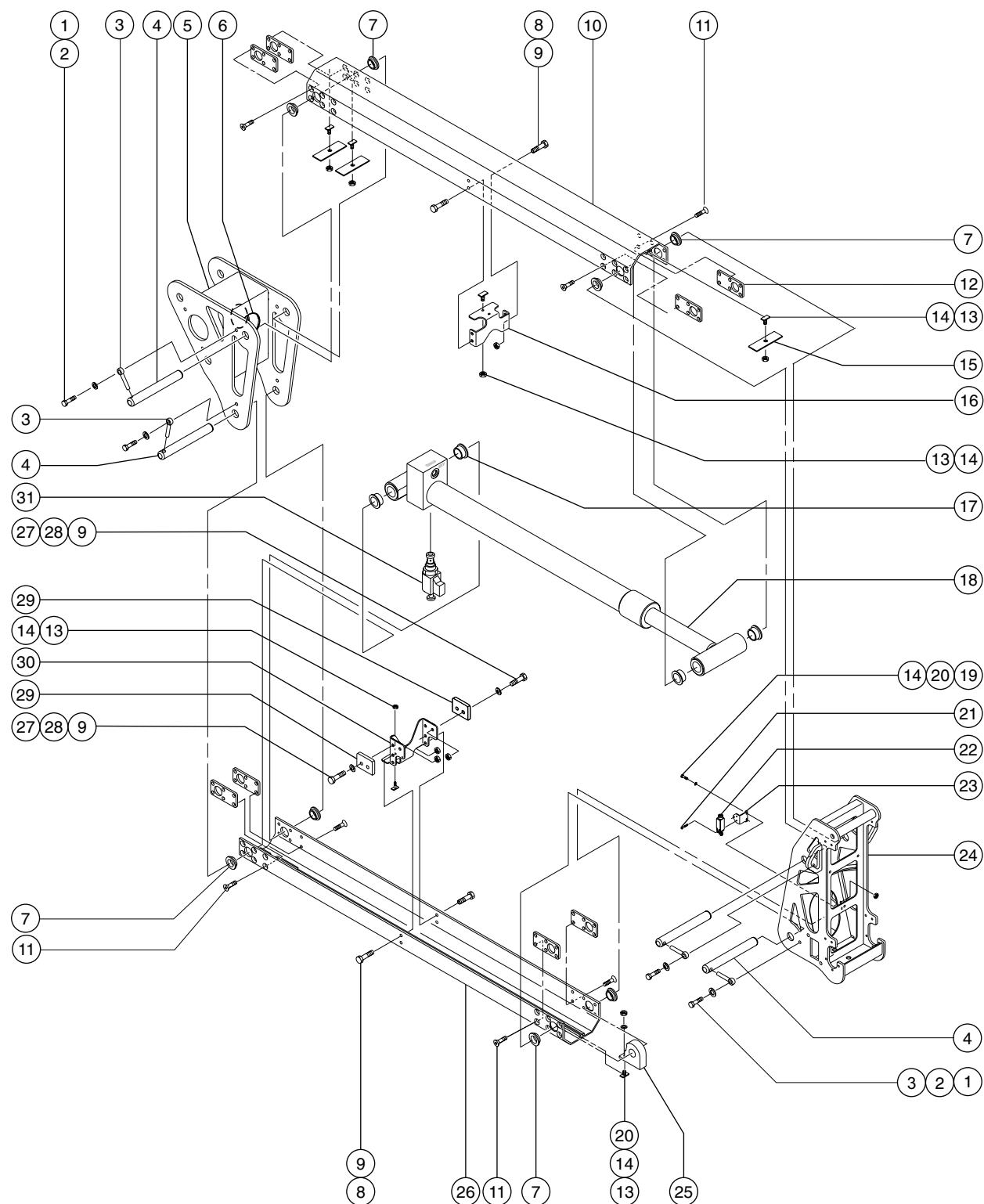
FIGURE 4-C

Index	Part No.	Description	Quantity	This Figure
20	72099	Valve - Solenoid, N.C., Bi-directional, Complete	1	
—	67925	Cartridge - Solenoid Valve	—	
—	67926	Coil - Solenoid Valve, 24V DC	—	
—	72100	Nut - Solenoid Valve	—	
—	72101	Seal Kit - Solenoid Valve	—	
21	67715	Limit Switch with Roller Head	2	
—	19491	Contact - Limit Switch	—	
22	48283	Clamp - Hose, 4 x 1 x 0.56 inch (10.2 x 2.54 x 1.4 cm)	2	
23	46723	Clamp - Hose, 4 x 1 x 1 inch (10.2 x 2.54 x 2.54 cm)	2	
24	72037	Boom Pivot Assembly with Decals (decals are listed in Section One)	1	
25	48040	Screw - HHC, M5 x 0.8 x 40 mm, GR 8.8	4	
26	27082	Nut - Nylock, M5	4	
27	25930	Screw - HHC, M6 x 1 x 55 mm, GR 8.8	6	
28	22578	Screw - HHC, M6 x 1 x 20 mm, GR 8.8	2	
29	67720	Plate - Limit Switch Mount	1	
30	49407	Washer - Lock, M6	1	

Figure 4-D

Jib Boom

REV C



REV C

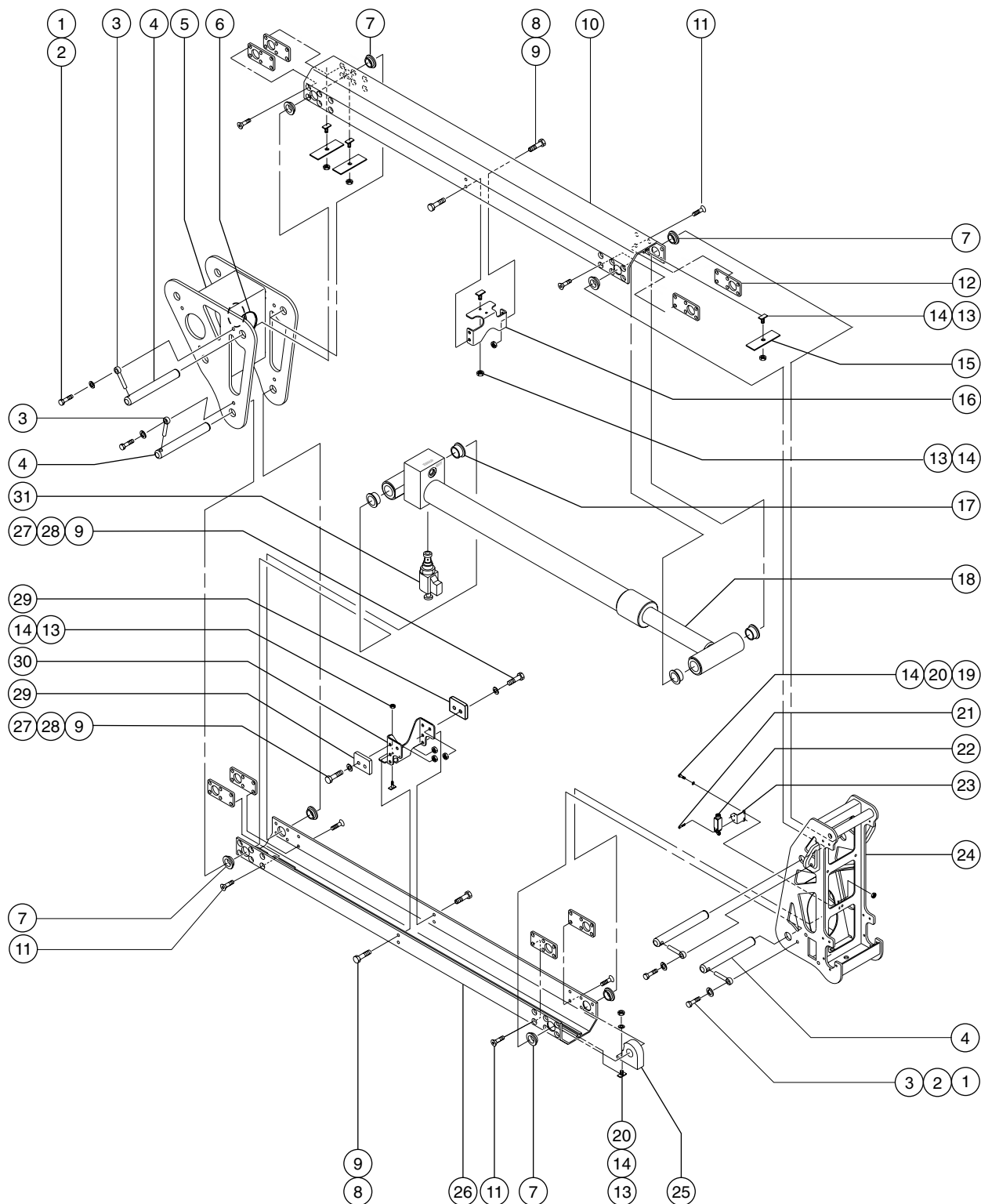
FIGURE 4-D

Index	Part No.	Description	Quantity This Figure
1	49393	Screw - HHC, M10 x 1.5 x 20 mm, GR 8.8	4
2	22700	Washer - Lock, M10	6
3	43460	Rod End, 0.375 x 2.25 inches (1 x 5.7 cm)	4
4	41861	Pin, 8.13 x 1 inch (20.65 x 2.54 cm)	4
5	Ref.	Jib Boom Pivot Assembly (refer to Figure 4-C)	1
6	55067	Grommet - Rubber, 3 x 3.5 inches (7.6 x 8.9 cm)	2
7	41857	Bearing - Flange, 1 x 1.25 x 0.31 inch (2.54 x 3.18 x 0.79 cm) (before serial number T3402-21)	8
—	76165	Bearing - Flange, 1 x 1.25 x 0.705 inch (2.5 x 3.2 x 1.79 cm) (after serial number T3402-20)	—
8	23057	Screw - HHC, M8 x 1.25 x 20 mm, GR 8.8	8
9	25368	Nut - Nylock, M8	12
10	62811	Jib Boom Assembly - Upper (before serial number T3402-21) (includes 4 each index number 7)	1
—	58181	Jib Boom Assembly - Upper (after serial number T3402-20) (includes 4 each index number 7 and 12, and 24 each index number 11)	—
11	76415	Screw - FHS, M10 x 16 x 1.5 mm	48
12	41806	Plate - Reinforcement	8
13	55068	Bolt - Tee, M6 x 1 x 10 mm	4
14	49364	Nut - Nylock, M6	5
15	44730	Plate - Jib Boom Reinforcement, Upper	1
16	41818	Bracket - Cable	3
17	36245	Bearing - Flange, 1 x 1.25 x 0.84 inch (2.54 x 3.18 x 2.13 cm)	4

This parts list continues. Please turn the page.

FIGURE 4-D

REV C



REV C

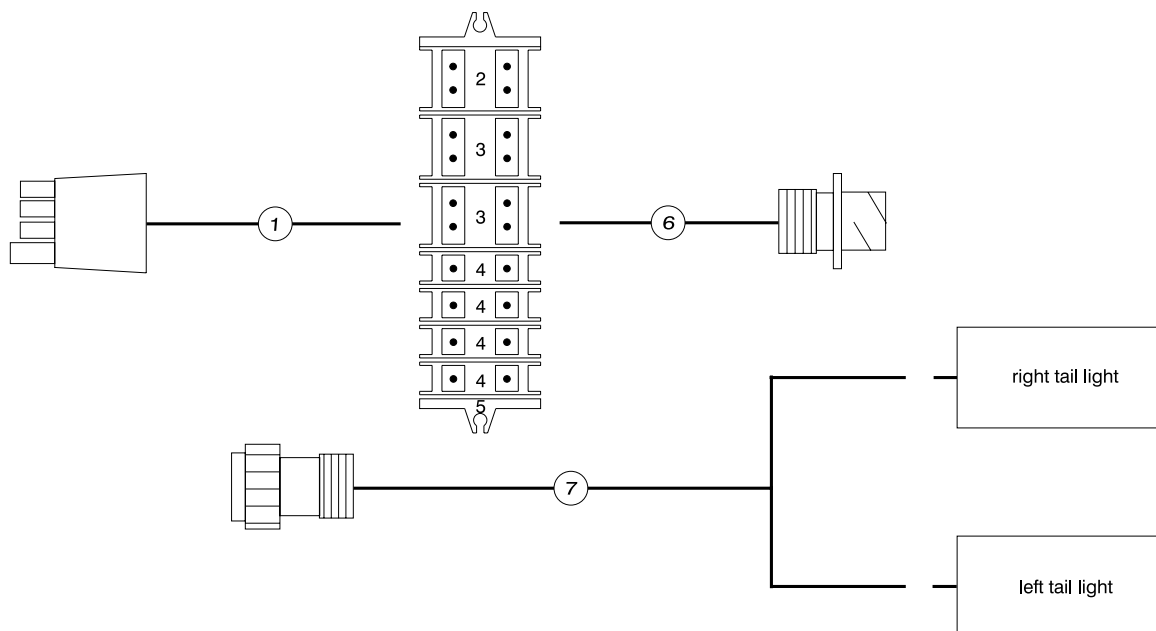
FIGURE 4-D

Index	Part No.	Description	Quantity	This Figure
18	41889	Hydraulic Cylinder - Jib Boom Lift with Bearings (from serial number T3400-01 to T3400-42 and from serial number T3400-069 to T3400-264) (includes index number 17)	1	
—	52305	Seal Kit - Jib Cylinder	—	
18	67682	Hydraulic Cylinder - Jib Boom Lift with Bearings (from serial number T3400-43 to T3400-68 and after serial number T3400-00265 to T3402-20) (includes index number 17)	1	
—	72040	Seal Kit - Jib Cylinder	—	
18	76166	Hydraulic Cylinder - Jib Boom Lift with Bearings (after serial number T3402-21) (includes index number 17)	1	
—	72040	Seal Kit - Jib Cylinder	—	
19	22578	Screw - HHC, M6 x 1 x 20 mm, GR 8.8	2	
20	49407	Washer - Lock, M6	3	
21	48040	Screw - HHC, M5 x 0.8 x 40 mm GR 8.8	2	
22	67715	Limit Switch with Roller Head	1	
—	19491	Contact - Limit Switch	—	
23	67282	Bracket - Limit Switch Mount	1	
24	Ref.	Platform Pivot Assembly (refer to Figure 5-A)	1	
25	67281	Cam - Limit Switch, Jib Boom (before serial number T3402-21)	1	
—	76487	Cam - Limit Switch, Jib Boom (after serial number T3402-20)	—	
26	62289	Jib Boom Assembly with Decal - Lower (before serial number T3402-21) (includes 4 each index number 7) (decals are listed in Section One)	1	
—	58180	Jib Boom Assembly with Decal - Lower (after serial number T3402-20) (includes 4 each index number 7 and 12, and 24 each index number 11) (decals are listed in Section One)	—	
27	49379	Screw - HHC, M8 x 1.25 x 25 mm, GR 8.8	4	
28	33277	Washer - Flat, M8	4	
29	48228	Wear Pad - Jib Boom Reinforcement, 2.5 x 2.1 x 0.38 inch (6.4 x 5.3 x 1 cm)	2	
30	48227	Plate - Jib Boom Reinforcement, Lower	1	
31	72099	Valve - Solenoid, N.C., Bi-directional, Complete	1	
—	67925	Cartridge - Solenoid Valve	—	
—	67926	Coil - Solenoid Valve, 24V DC	—	
—	72100	Nut - Solenoid Valve	—	
—	72101	Seal Kit - Solenoid Valve	—	

Figure 4-E

REV C

Wire Harness - Taillights, ANSI and CSA Models



REV C

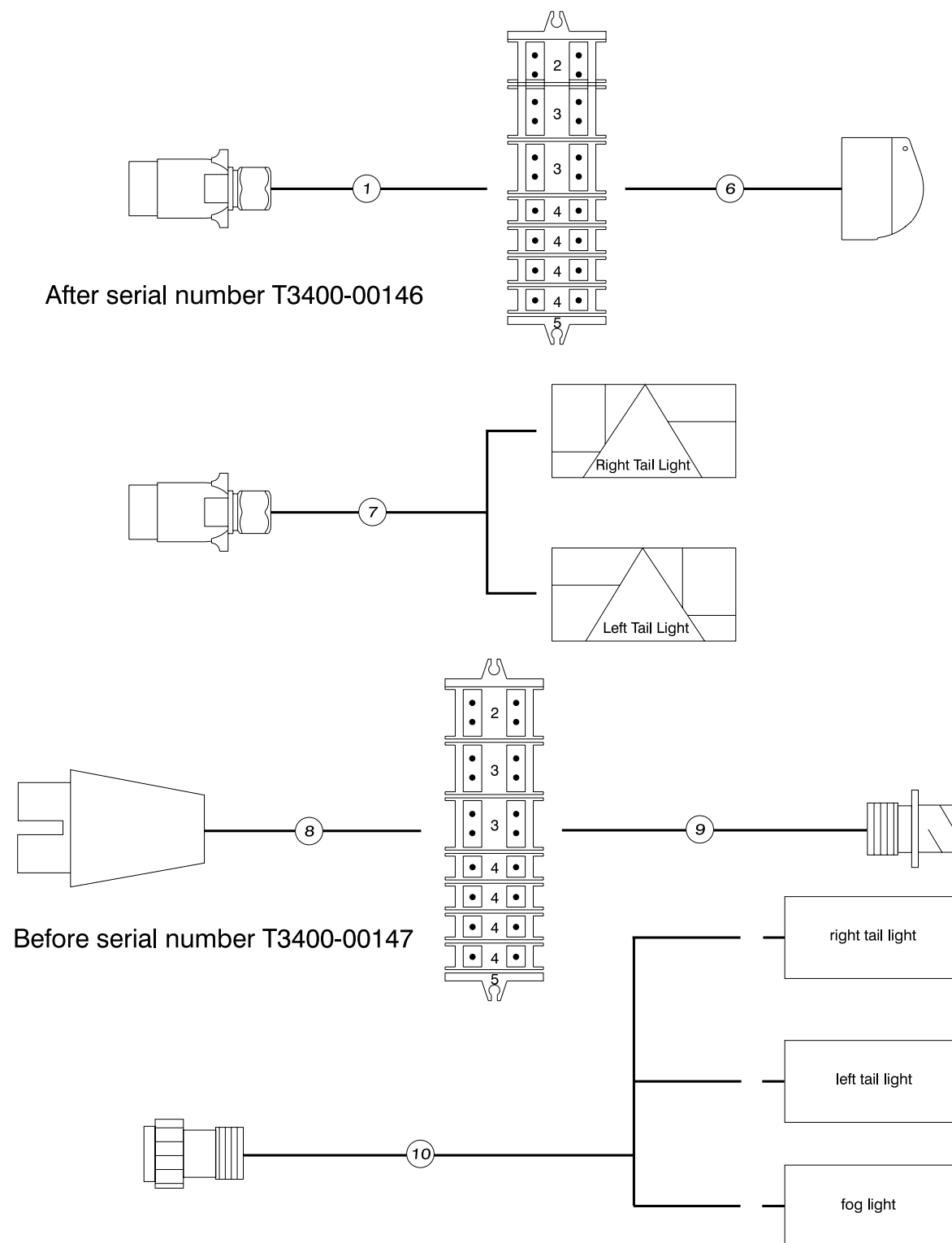
FIGURE 4-E

Index	Part No.	Description	Quantity	This Figure
1	72056	Wire Harness - Taillight, Tongue to Base	1	
—	67747	Plug - Trailer	—	
2	67334	Terminal Block - Wago, End Block (before serial number T3400-40)	1	
—	76481	Terminal Block - Wieland, End Block (after serial number T3400-39)	—	
3	67236	Terminal Block - Wago, 4 hole (before serial number T3400-40)	2	
—	76478	Terminal Block - Wieland, 4 hole (after serial number T3400-39)	—	
4	67237	Terminal Block - Wago, 2 hole (before serial number T3400-40)	4	
—	76479	Terminal Block - Wieland, 2 hole (after serial number T3400-39)	—	
5	67238	Terminal Block - Wago, End Plate (before serial number T3400-40)	1	
—	76480	Terminal Block - Wieland, End Plate (after serial number T3400-39)	—	
6	72057	Wire Harness - Taillight, Base to Jib Boom	1	
—	33578	Connector - Wire Harness, Male Panel Mount	—	
—	33580	Pin - Connector, Female	—	
7	72058	Wire Harness - Taillights, Jib Boom to Taillights	1	
—	33590	Connector - Wire Harness, Female	—	
—	33579	Pin - Connector, Male	—	

Figure 4-F

REV C

Wire Harness - Taillights, CE Models



REV C

FIGURE 4-F

Index	Part No.	Description	Quantity This Figure
1	76058	Wire Harness - Taillight, Tongue to Base	1
—	55118	Plug - Trailer	—
2	67334	Terminal Block - Wago, End Block (before serial number T3400-40)	1
—	76481	Terminal Block - Wieland, End Block (after serial number T3400-39)	—
3	67236	Terminal Block - Wago, 4 hole (before serial number T3400-40)	2
—	76478	Terminal Block - Wieland, 4 hole (after serial number T3400-39)	—
4	67237	Terminal Block - Wago, 2 hole (before serial number T3400-40)	4
—	76479	Terminal Block - Wieland, 2 hole (after serial number T3400-39)	—
5	67238	Terminal Block - Wago, End Plate (before serial number T3400-40)	1
—	76480	Terminal Block - Wieland, End Plate (after serial number T3400-39)	—
6	76059	Wire Harness - Taillight, Base to Jib Boom	1
—	67960	Socket, 7 Pin	—
7	67968	Wire Harness - Taillight, Jib Boom to Taillights	1
8	72059	Wire Harness - Taillight, Tongue to Base	1
—	55118	Plug - Trailer	—
9	72060	Wire Harness - Taillight, Base to Jib Boom	1
—	33578	Connector - Wire Harness, Male Panel Mount	—
—	33580	Pin - Connector, Female	—
10	72058	Wire Harness - Taillight, Jib Boom to Taillights	1
—	33590	Connector - Wire Harness, Female	—
—	33579	Pin - Connector, Male	—

Notes

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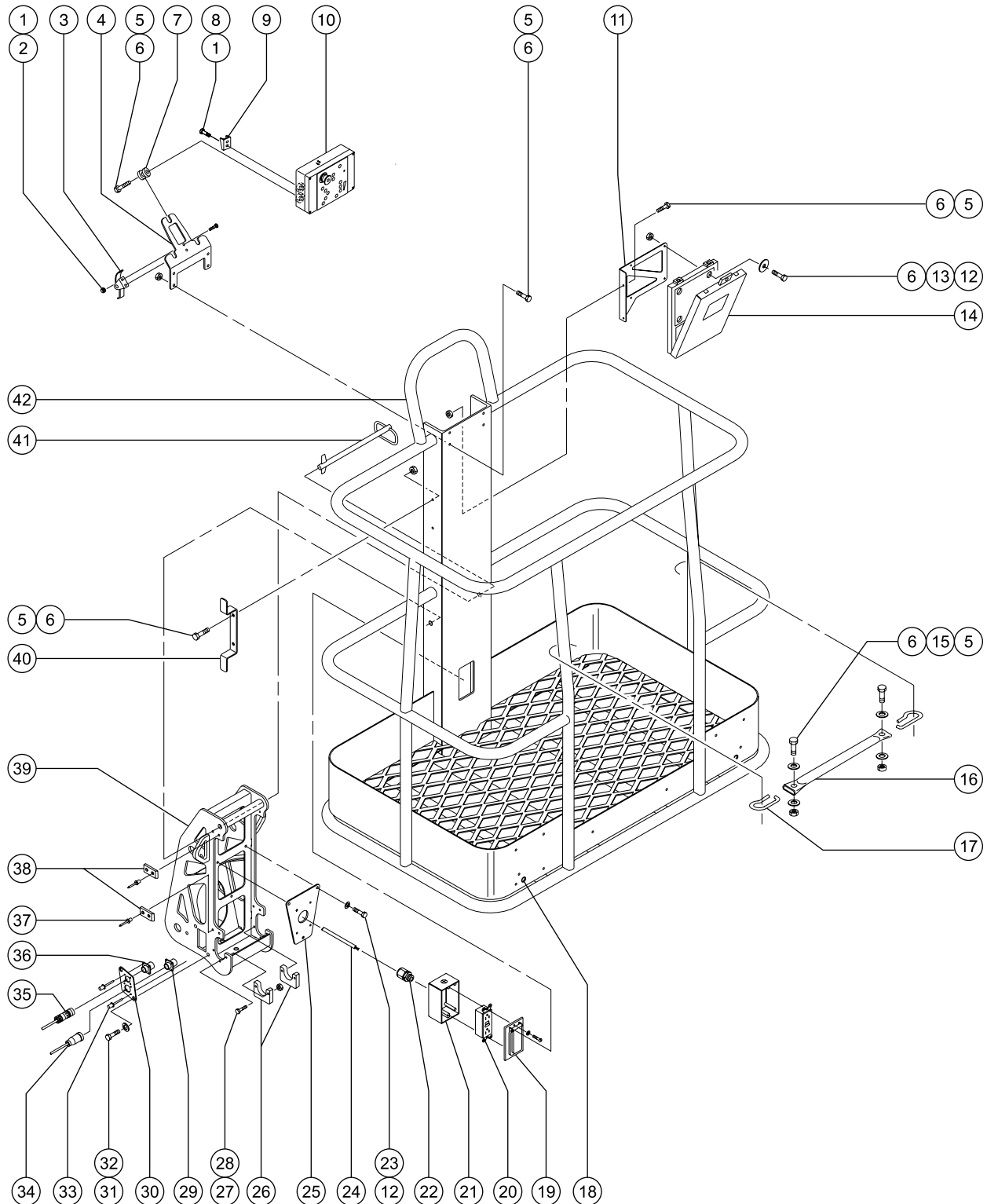
Section Five

Platform Components

Figure 5-A

Platform Installation

REV C



REV C

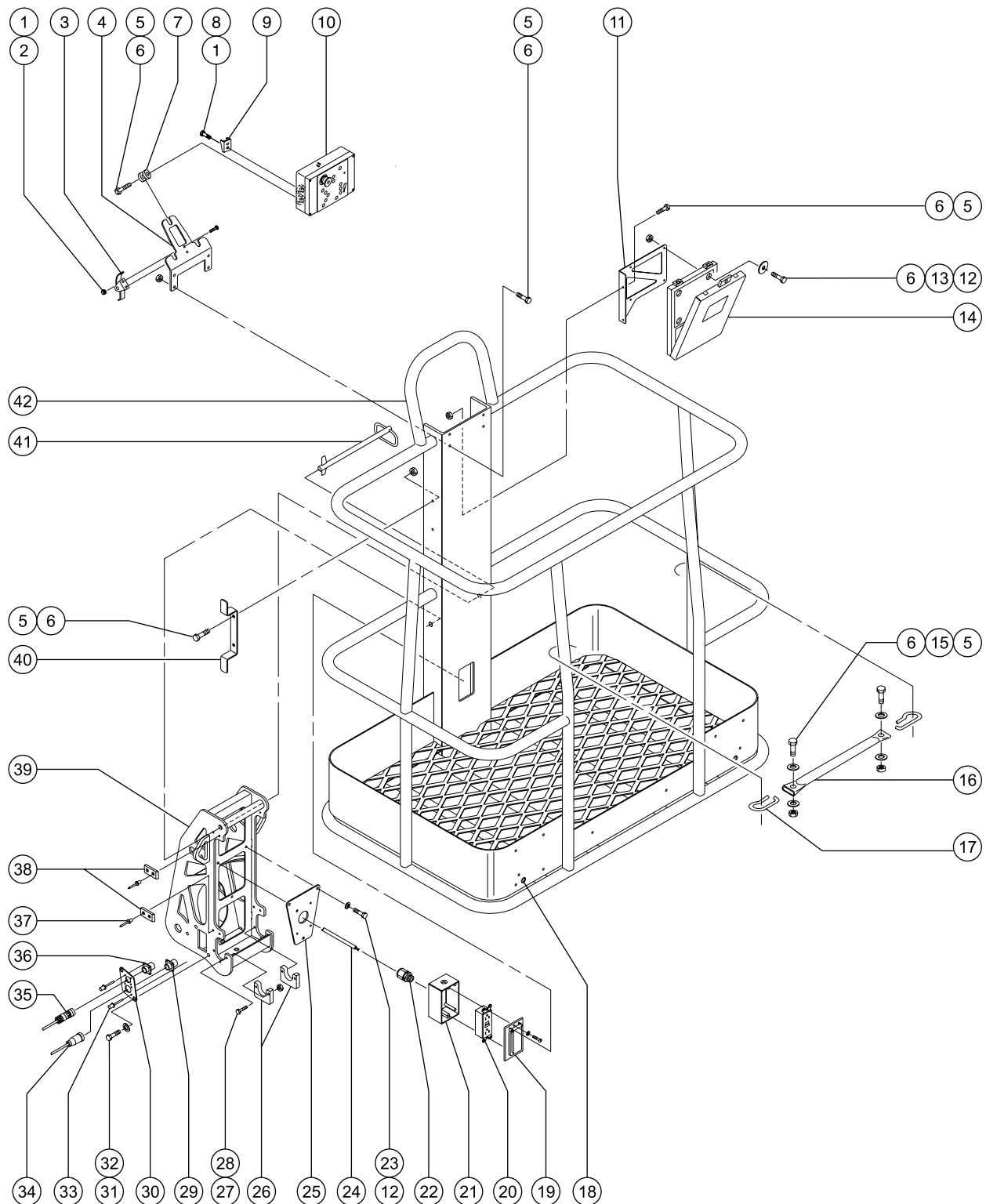
FIGURE 5-A

Index	Part No.	Description	Quantity This Figure
1	49363	Nut - Nylock, M4	4
2	49404	Screw - HHC, M4 x 0.7 x 16 mm, GR 8.8	2
3	44719	Latch	1
4	85294	Plate - Platform Box Mount	1
5	49376	Screw - HHC, M6 x 1 x 25 mm, GR 8.8	13
6	49364	Nut - Nylock, M6	17
7	66866	Stud - Control Box	3
8	49371	Screw - PHM, M4 x 0.7 x 10 mm, GR 4.8	2
9	62819	Keeper - Latch	1
10	Ref.	Platform Control Box Assembly with Decals (refer to Figure 5-F)	—
11	85295	Bracket - Instruction Boom Mount	1
12	49375	Screw - HHC, M6 x 1 x 16 mm, GR 8.8	7
13	59506	Washer - Fender, 0.25 x 1 x 0.046 inch	4
14	44743	Instruction Box with Decals (decals are listed in Section One)	1
15	25926	Washer - Flat, M6	2
16	40712	Tube - Sliding Mid-rail	1
17	41292	Guide - Sliding Mid-rail	2
—	31146	Wire Loom, 7/16 inch	5 inches (12.7 cm)
—	21121	Cable Tie, 4 inches (10.2 cm)	—
18	24647	Grommet - Rubber, 0.375 x 0.875 inch (0.95 x 2.22 cm)	3
19	45437	Cover - GFCI, Weatherproof (includes gasket and mounting fasteners)	1
—	39828	Gasket - Cover	—
20	13585	Receptacle, GFCI, 110V AC (North American)	1
—	67506	Receptacle, 110V AC (United Kingdom)	—
—	67447	Receptacle, 220V AC (United Kingdom)	—
—	33629	Plate, Receptacle Mount (United Kingdom)	—
—	67448	Receptacle, 220V AC (European)	—
—	67446	Receptacle, 220V AC (Australian)	—
—	76038	Receptacle, 220V AC (France/Belgium)	—
—	76039	Gasket (European)	—
—	67452	Cover, Receptacle, Foreign	—
21	10775	T-Box (ANSI and CSA models) (includes mounting fasteners)	1
—	67451	T-Box, 220V AC (CE models) (includes mounting fasteners)	—

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FIGURE 5-A

REV C



REV C

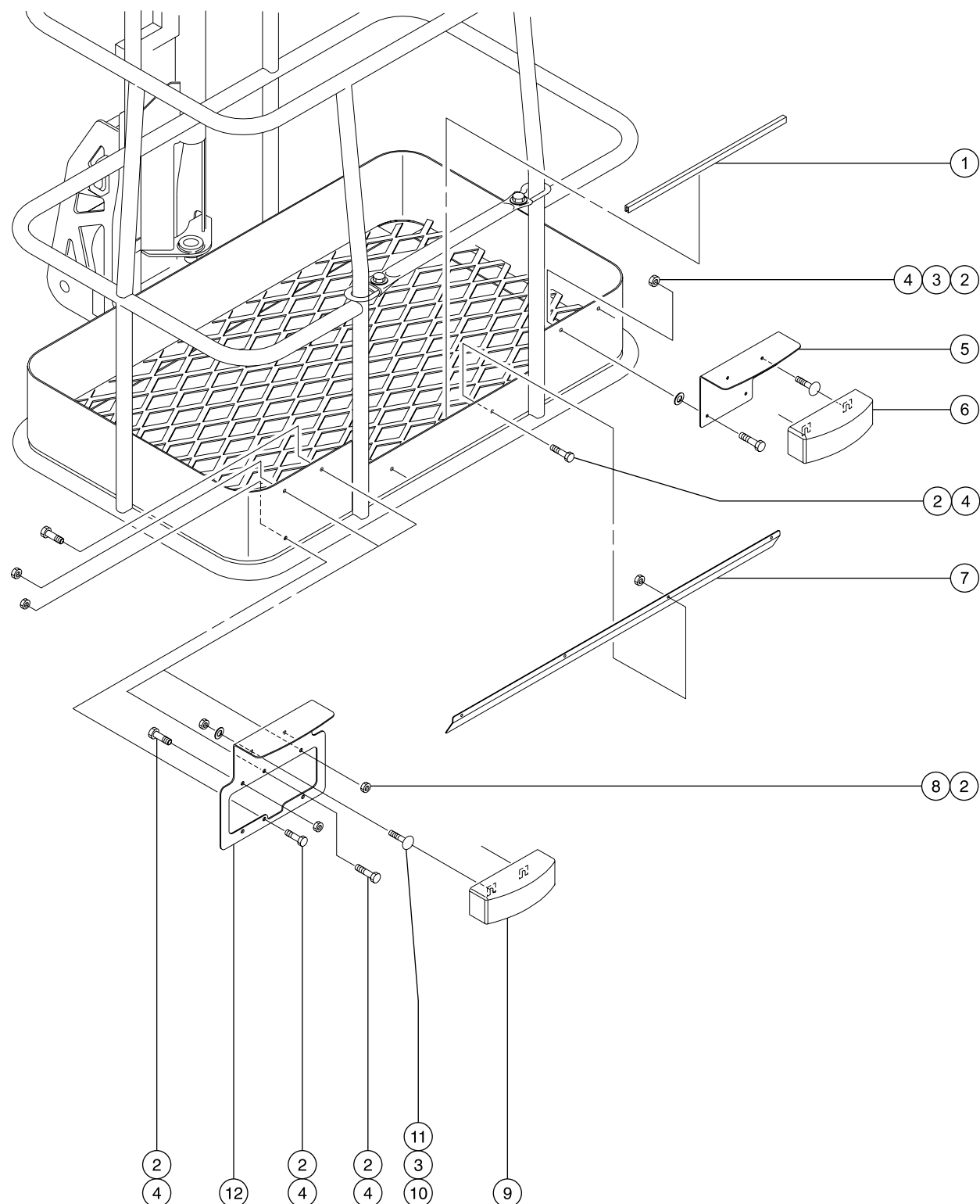
FIGURE 5-A

Index	Part No.	Description	Quantity	This Figure
22	7056	Squeeze Connector, 1/2 inch NPT	1	
23	49407	Washer - Lock, M6	3	
24	48286	Electrical Cord, 14 Gauge (0.821 mm ²), 4 Conductor	560 inches (14.22 m)	
25	46418	Plate - Box Outlet Mount (ANSI models) (before serial number T3400-205)	1	
—	67677	Plate - Box Outlet Mount (CE models) (before serial number T3400-205)	—	
—	76041	Plate - Box Outlet Mount (after serial number T3400-204)	—	
26	46729	Guide - Platform Alignment	2	
27	49369	Screw - HHC, M8 x 1.25 x 20 mm, GR 8.8	4	
28	49363	Nut - Nylock, M8	6	
29	Ref.	Wire Harness - Taillights, Jib Boom to Base (refer to Figures 4-E and 4-F)	—	
30	55064	Plate - Connector Mount	1	
31	49387	Screw - HHC, M10 x 1.5 x 12 mm, GR 8.8	2	
32	22700	Washer - Lock, M10	6	
33	55096	Rivet - Aluminum, 0.125 x 0.337 inch (3.2 x 8.6 mm)	8	
34	Ref.	Wire Harness - Taillights, Jib Boom to Taillights (refer to Figures 4-E or 4-F)	—	
35	48262	Control Cable, Platform to Jib Boom	90 inches (2.29 m)	
—	62789	Connector - Platform Cable, Male	—	
—	62790	Connector - Platform Cable, Female	—	
—	33579	Pin - Connector, Male	—	
—	33580	Pin - Connector, Female	—	
36	67617	Cable Assembly - Platform Controls	1	
—	62789	Connector - Male	—	
37	41695	Rivet - Steel, 0.188 x 0.5 inch (4.8 x 12.7 mm)	8	
38	39474	Wear Pad - Platform, 2 x 1 x 0.250 inch (5.1 x 2.5 x 0.6 cm)	4	
39	52279	Platform Pivot Assembly (includes index numbers 25 through 28 and 37 and 38)	1	
40	85296	Bracket - Cable Wrap	1	
41	48301	Pin - Toggle, 8.13 x 0.5 inch (20.7 x 1.3 x cm)	1	
42	52278	Platform Assembly with Decals (ANSI Models) (includes index numbers 11 and 13 through 17, 4 each index numbers 5 and 12, and 8 each index number 6) (decals are listed in Section One)	1	
—	65388	Platform Assembly with Decals (CE and CSA models) (includes index numbers 11 and 13 through 17, 4 each index numbers 5 and 12, and 8 each index number 6) (decals are listed in Section One)	1	

Figure 5-B

Platform Taillights - ANSI and CSA Models

REV A



REV A

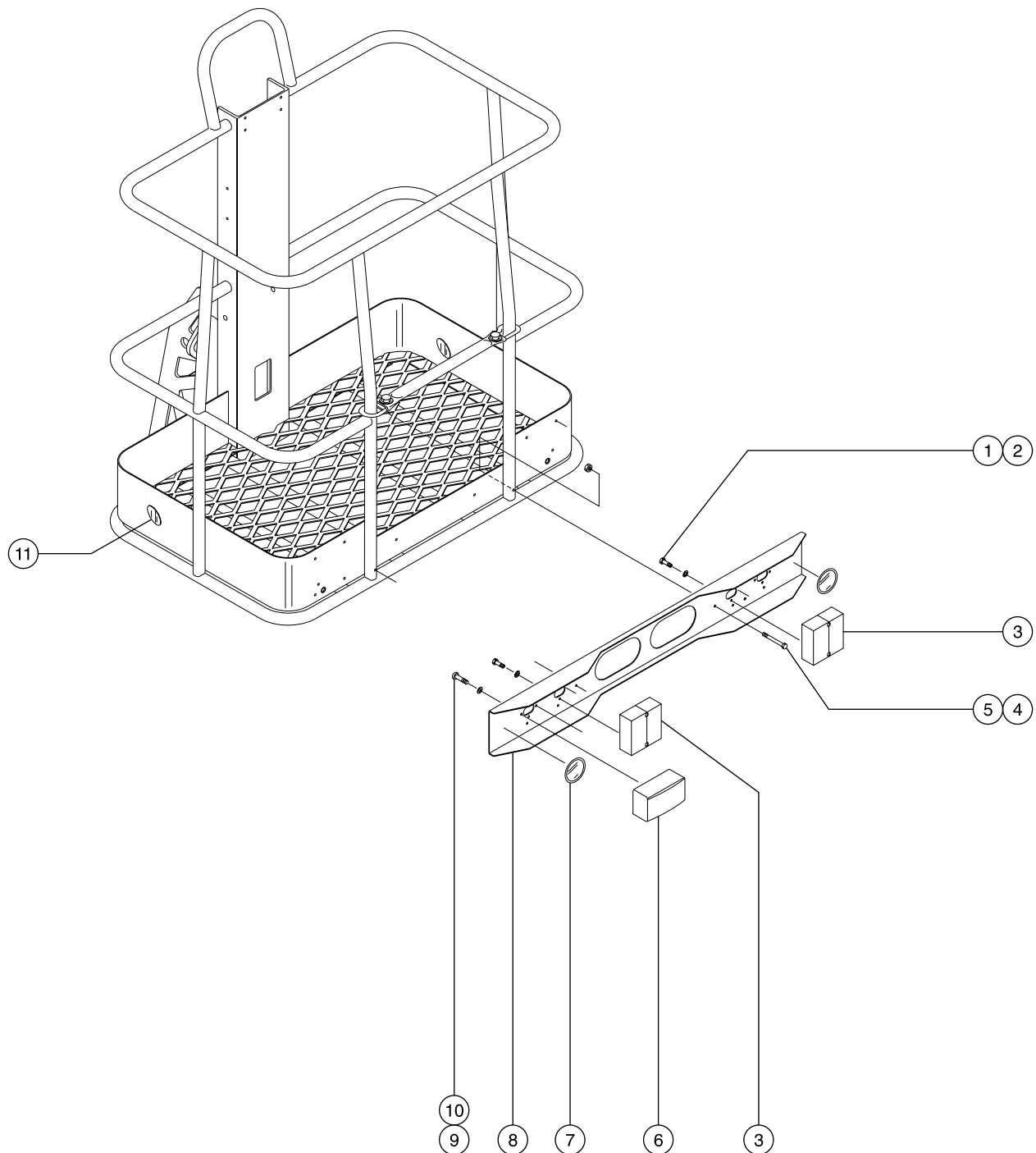
FIGURE 5-B

Index	Part No.	Description	Quantity This Figure
1	46718	Trimlock, $\frac{3}{16}$ inch	20.75 inches (52.7 cm)
2	49364	Nut - Nylock, M6	11
3	49407	Washer - Lock, M6	4
4	49375	Screw - HHC, M6 x 1 x 16 mm, GR 8.8	10
5	44645	Bracket - Taillight Mount	1
6	52274	Taillight - Ground Controls Side	1
—	52276	Lens - Taillight	—
—	52275	Bulb - Taillight, Number 1157, 12V DC	—
7	46727	Bracket - Cable Guard	1
8	22578	Screw - HHC, M6 x 1 x 20 mm, GR 8.8	1
9	52273	Taillight - Power Unit Side	1
—	52276	Lens - Taillight	—
—	52275	Bulb - Taillight, Number 1157, 12V DC	—
10	55016	Bolt - Carriage, M6 x 1 x 16 mm	4
11	55017	Nut - Hex, M6	4
12	44644	Bracket - License Plate Mounting	1

Figure 5-C

Platform Taillights - CE Models
(before serial number T3400-147)

REV A



REV A

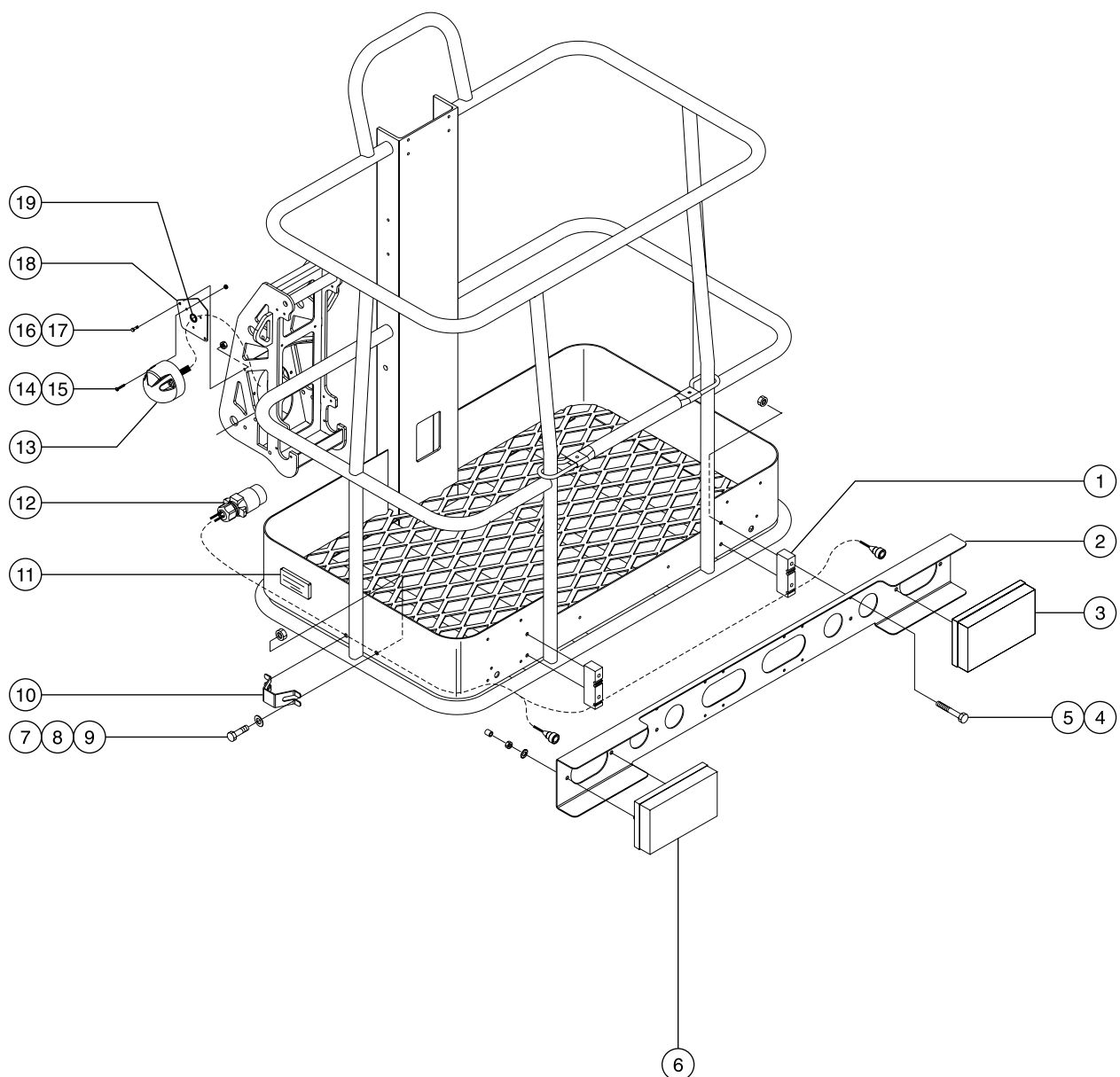
FIGURE 5-C

Index	Part No.	Description	Quantity This Figure
1	49375	Screw - HHC, M6 x 1 x 16 mm, GR 8.8	4
2	49407	Washer - Lock, M6	4
3	55090	Taillight	2
—	65395	Lens - Taillight	—
—	65397	Bulb - Taillight, Number 1057, 12V DC	—
—	76056	Bulb - Taillight ST	—
4	25930	Screw - HHC, M6 x 1 x 55 mm, GR 8.8	4
5	49364	Nut - Nylock, M6	4
6	55083	Fog light	1
—	65396	Lens - Fog light	—
—	65397	Bulb - Fog light, Number 1057, 12V DC	—
7	55080	Reflector - Red	2
8	55047	Bracket - Light	1
9	49417	Screw - PHM, M5 x 0.8 x 16 mm, GR 4.8	2
10	19872	Washer - Lock, Plated, M6	2
11	55081	Reflector - Amber	2

Figure 5-C.1

Platform Taillights - CE Models
(after serial number T3400-146)

REV C



REV C

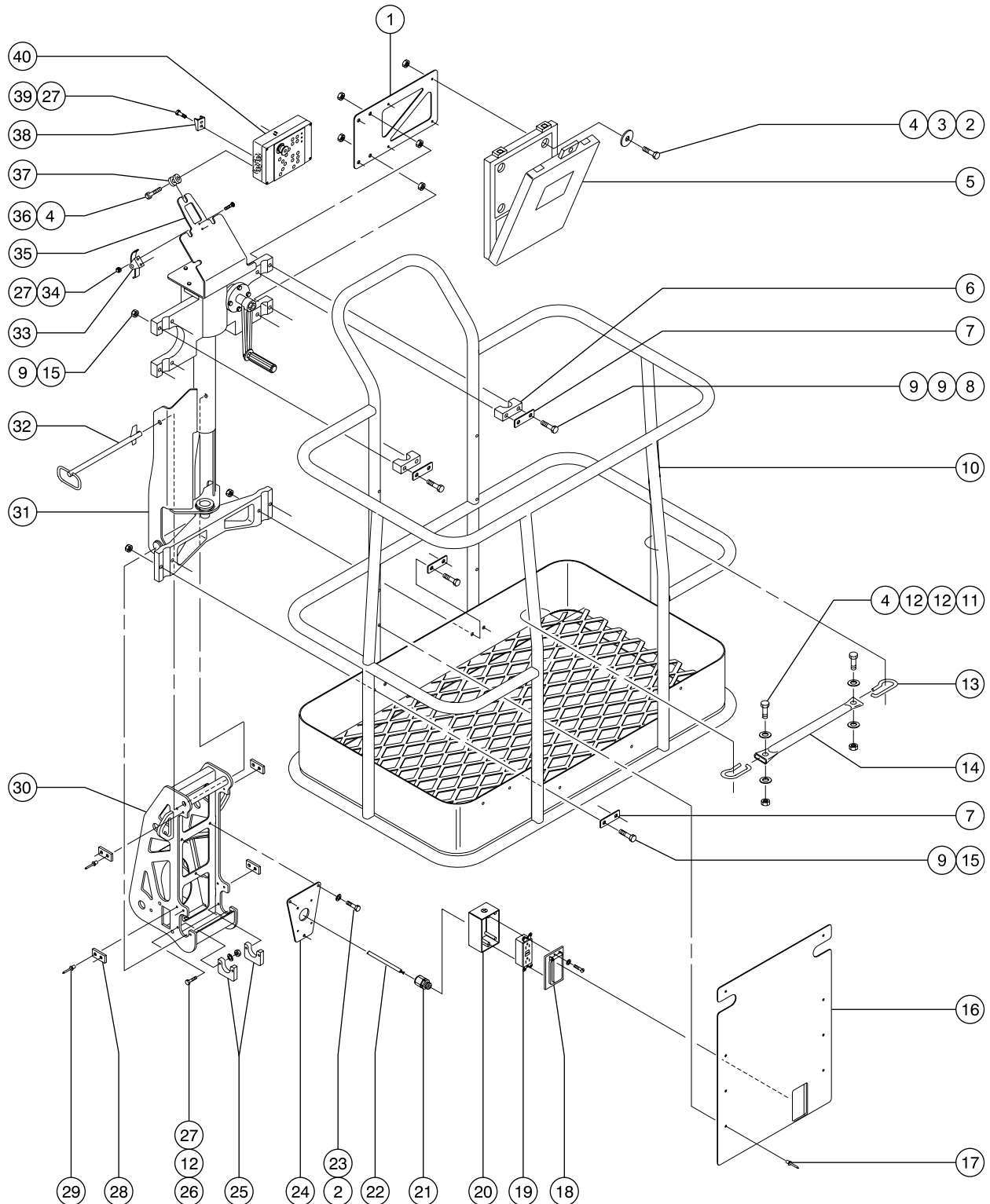
FIGURE 5-C.1

Index	Part No.	Description	Quantity This Figure
1	67965	Block - Spacer, Light Bar Mount	2
2	67949	Bracket - Light Bar	1
3	67956	Taillight - STT Rear, Right (includes mounting fasteners)	1
—	67956	Lens - Taillight Rear, Right	—
—	76056	Bulb - Taillight	—
—	76057	Bulb - Taillight License plate	—
—	65397	Bulb - Taillight, Number 1057, 12V DC	—
4	32309	Screw - HHC, M8 x 1.25 x 60 mm, GR 8.8	4
5	25368	Nut - Nylock, M8	4
6	67957	Taillight - STT Rear, Left (includes mounting fasteners)	1
—	76055	Lens - Taillight STT Rear, Left	—
—	76056	Bulb - Taillight ST	—
—	76057	Bulb - Taillight License plate	—
—	65397	Bulb - Taillight, Number 1057, 12V DC	—
7	49393	Screw - HHC, M10 x 1.5 x 20 mm, GR 8.8	2
8	22699	Washer - Flat, M10	2
9	22736	Nut - Nylock, M10	2
10	67978	Bracket - Cable Guard	1
11	76010	Reflector - Amber	2
12	Ref.	Wire Harness - Taillight, Jib Boom to Taillight (refer to Figure 4-F)	—
13	Ref.	Wire Harness - Taillight, Base to Jib Boom (refer to Figure 4-F)	—
14	76000	Screw - PHM, M5 x 0.8 x 35 mm	3
15	27082	Nut - Nylock, M5	3
16	49375	Screw - HHC, M6 x 1 x 16 mm, GR 8.8	2
17	49364	Nut - Nylock, M6	2
18	85374	Socket Mount Assembly (includes index number 19)	1
19	53517	Grommet - Rubber, 0.50 x 0.14 x 0.75 inch (1.27 x 0.36 x 1.91 cm)	1

Figure 5-D

Platform with Rotator Installation

REV C



REV C

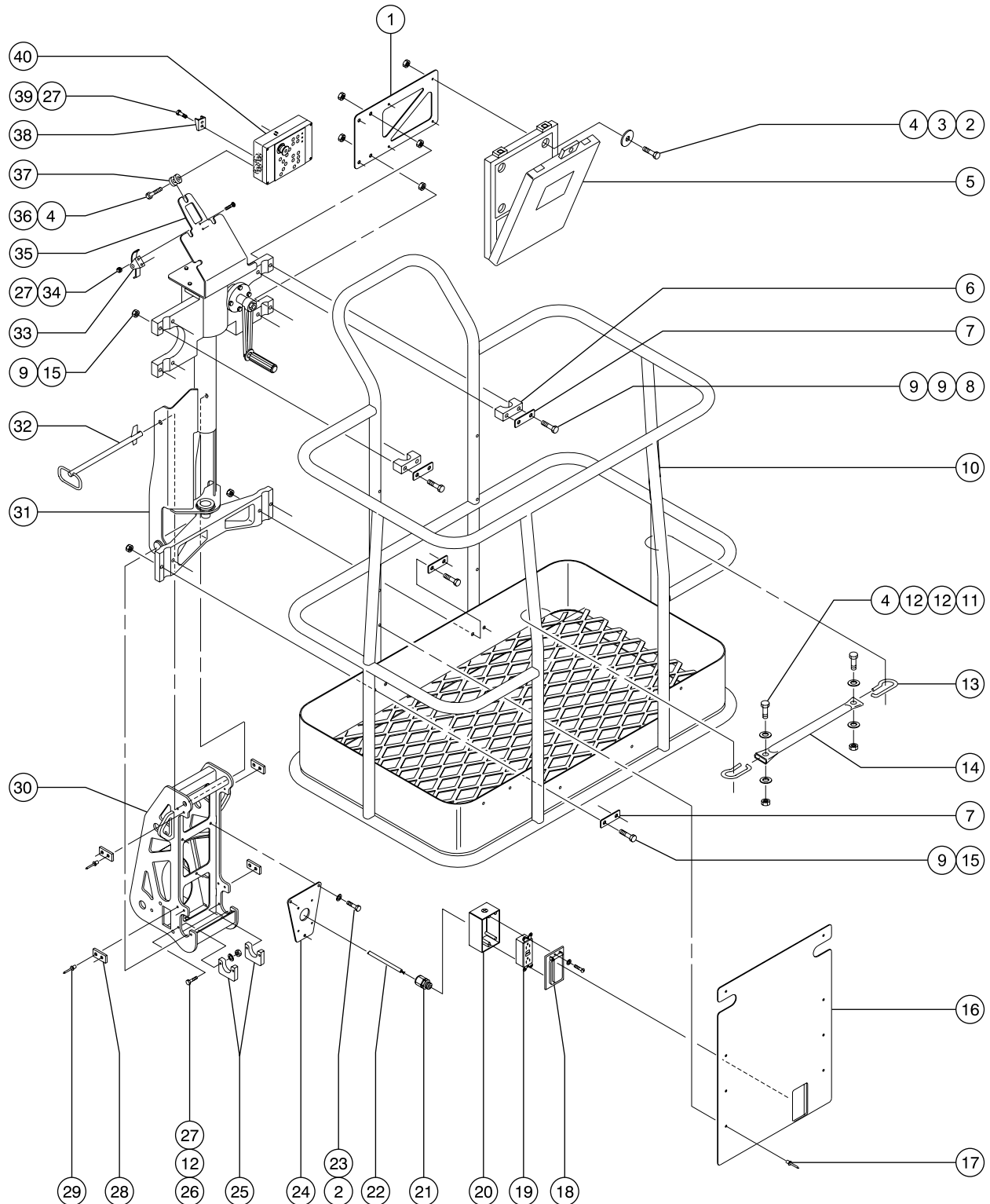
FIGURE 5-D

Index	Part No.	Description	Quantity	This Figure
1	59936	Bracket - Instruction Mount	1	
2	49375	Screw - HHC, M6 x 1 x 16 mm, GR 8.8	7	
3	59506	Washer - Flat, 1/4 inch (0.25 x 1 x 0.046 inch) (0.64 x 2.54 x 0.12 cm)	4	
4	49364	Nut - Nylock, M6	9	
5	44743	Instruction Box with Decals (decals are listed in Section One)	1	
6	67608	Support - Grip, Platform Rotate	4	
—	85298	Kit - Support Grip, Platform Rotate	—	
7	67609	Support - Plate, Platform Rotate	6	
8	67631	Screw - HHC, M10 x 1.5 x 80 mm, GR 8.8	8	
9	27068	Nut - Nylock, M10	16	
10	62860	Platform Assembly with Decals (ANSI models) (includes 2 index numbers 4, 11 and 13, 4 index numbers 12, and 8 index numbers 17) (decals are listed in Section One)	—	
—	62859	Platform Assembly with Decals (CE models) (includes 2 index numbers 4, 11 and 13, 4 index numbers 12, and 8 index numbers 17) (decals are listed in Section One)	—	
—	65228	Platform Assembly with Decals (CSA models) (includes 2 index numbers 4, 11 and 13, 4 index numbers 12, and 8 index numbers 17) (decals are listed in Section One)	1	
11	22578	Screw - HHC, M6 x 1 x 20 mm, GR 8.8	2	
12	25926	Washer - Flat, M6	8	
13	41292	Guide - Sliding Mid-rail	2	
14	40712	Tube - Sliding Mid-rail	1	
15	22697	Screw - HHC, M10 x 1.5 x 65 mm, GR 8.8	4	
16	65201	Decal Plate with Decals (ANSI and CSA models) (includes index number 17) (decals are listed in Section One)	1	
—	65202	Decal Plate with Decals (CE models) (includes index number 17) (decals are listed in Section One)	—	
17	7265	Rivet - Steel, 0.375 x 0.25 inch (9.5 x 6.4 mm)	8	

This parts list continues. Please turn the page.

FIGURE 5-D

REV C



REV C

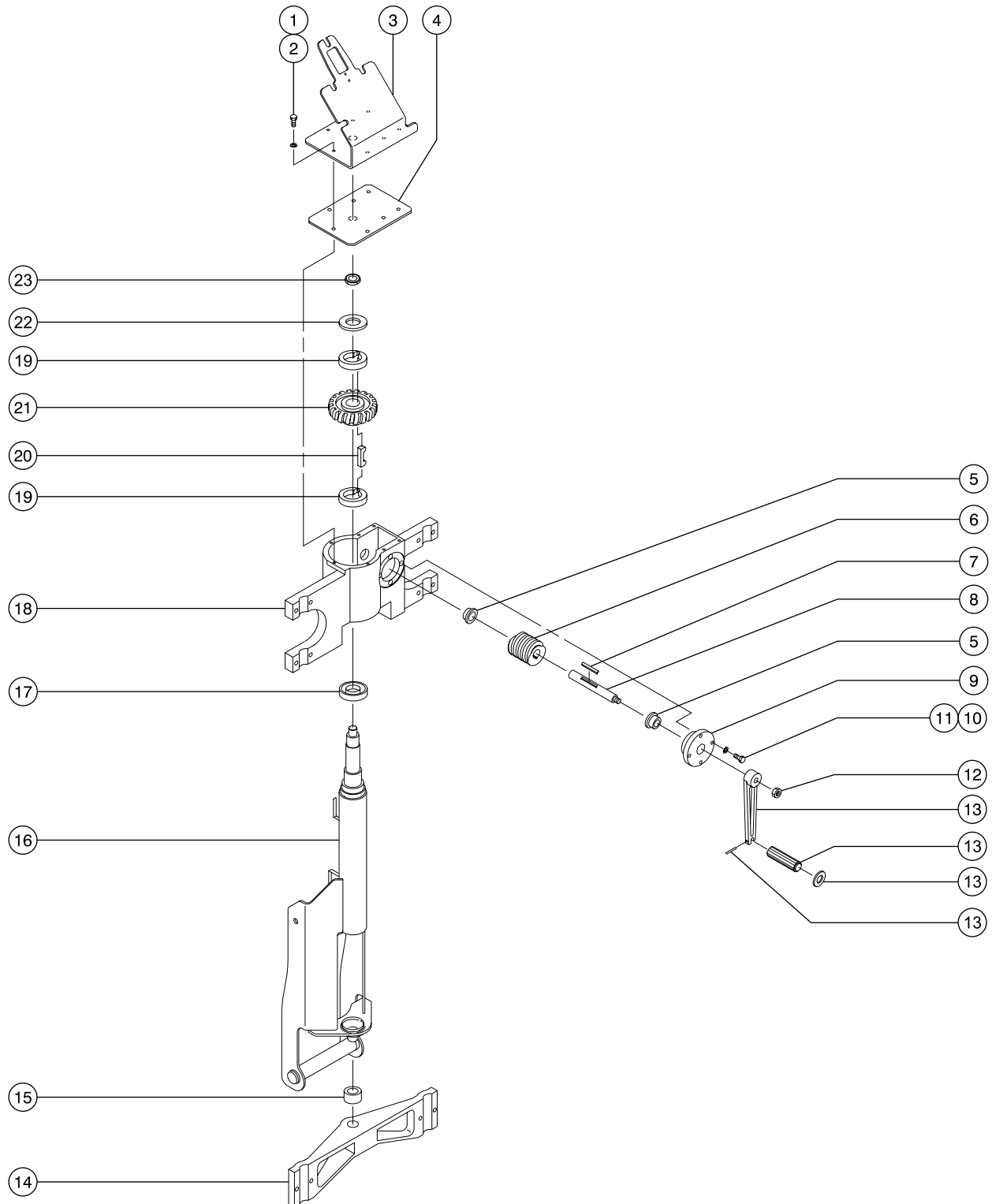
FIGURE 5-D

Index	Part No.	Description	Quantity	This Figure
18	45437	Cover - GFCI, Weatherproof (includes gasket and mounting fasteners)	1	
19	13585	Receptacle - GFCI, 110V AC (ANSI)	—	
—	33629	Receptacle - Mount (United Kingdom)	—	
20	10775	T-Box (includes mounting fasteners)	1	
21	7056	Squeeze Connector, 1/2 inch NPT	1	
22	48286	Electrical Cord, 18 Gauge (0.821 mm ²), 4 Conductor	560 inches (14.22 m)	
23	49407	Washer - Lock, M6	3	
24	46418	Plate - Box Outlet Mount (ANSI models) (before serial number T3400-205)	1	
—	67677	Plate - Box Outlet Mount (CE models) (before serial number T3400-205)	—	
—	76041	Plate - Box Outlet Mount, (after serial number T3400-204)	—	
25	46729	Guide - Platform Alignment, 2.5 x 1.82 x 0.5 inch	2	
26	49369	Screw - PHM, M4 x 0.7 x 25 mm, GR 4.8	4	
27	49363	Nut - Nylock, M4	8	
28	39474	Wear Pad - Platform, 2 x 1 x 0.25 inch (5.1 x 2.5 x 0.6 cm)	4	
29	41695	Rivet - Steel, 0.188 x 0.5 inch (4.8 x 12.7 mm)	8	
30	52279	Platform Pivot Assembly (includes index numbers 25 through 29)	1	
31	Ref.	Platform Rotator Assembly (Refer to Figure 5-E)	1	
32	48301	Pin - Toggle, 8.13 x 0.5 inch (20.7 x 1.3 cm)	1	
33	44719	Latch - Platform Control Box	1	
34	49404	Screw - HHC, M4 x 0.7 x 16 mm, GR 8.8	2	
35	59679	Plate - Platform Box Mount	1	
36	49376	Screw - HHC, M6 x 1 x 25 mm	3	
37	66866	Stud - Control Box	3	
38	62819	Keeper - Latch	1	
39	49371	Screw - PHM, M4 x 0.7 x 10 mm, GR 4.8	2	
40	Ref.	Platform Control Box with Lid and Decal (refer to Figure 5-F)	—	

Figure 5-E

Platform Rotator

REV C



REV C

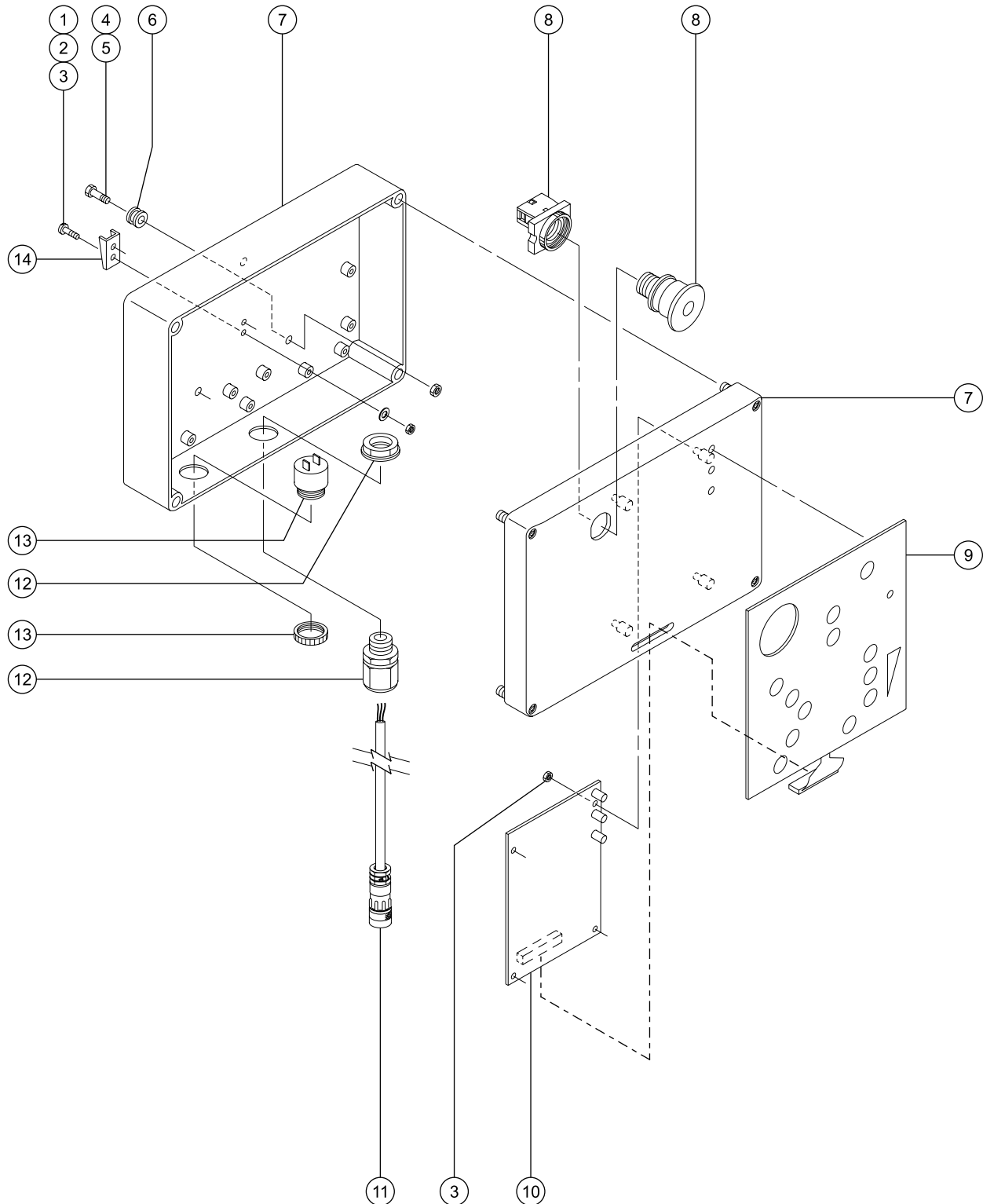
FIGURE 5-E

Index	Part No.	Description	Quantity	This Figure
—	80275	Rotator Assembly with Decals (decals are listed in Section One)	—	—
1	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	7	7
2	6356	Washer - Lock, 1/4 inch	7	7
3	59679	Plate - Platform Box Mount	1	1
4	16591	Cover - Gearbox	1	1
5	13612	Bearing - Flanged, 0.875 I.D. x 1 O.D. x 0.625 inch (2.2 x 2.5 x 1.6 cm)	2	2
6	13611	Gear - Worm Drive	1	1
7	28986-200	Key - Shaft, 0.188 x 2 inches (0.48 x 5.1 cm)	1	1
8	59684	Shaft - Worm Drive Gear	1	1
9	13681	Flange - Bearing	1	1
10	13002	Screw - HHC, 5/16 -18 x 1 inch, GR 5	4	4
11	6886	Washer - Lock, 5/16 inch	4	4
12	6086	Nut - Low Profile Nylock, 1/2 -13	1	1
13	62777	Handle Assembly - Swivel	1	1
—	17884	Handle Casting - Handle Assembly	—	—
—	11276	Handle Extension - Handle Assembly	—	—
—	11317	Grip - Handle Extension	—	—
—	46447	Washer - Thrust, 0.51 x 1 x 0.063 inch (1.3 x 2.54 x 0.16 cm)	—	—
—	11420	Pin - Grooved, 0.156 x 0.75 inch	—	—
14	13781	Pivot Casting - Platform	1	1
15	13615	Bearing - Garlock, 1 I.D. x 1.125 O.D. x 0.5 inch (2.5 x 3.1 x 1.3 cm)	1	1
16	80276	Pivot Assembly with Decals (includes index number 1, 2 and 15) (decals are listed in Section One)	1	1
17	13614	Seal - Grease	1	1
18	13782	Casting - Platform Gearbox	1	1
19	12900	Collar - Clutch	2	2
20	13708	Key - Clutch Collar	1	1
21	13610	Gear - Drive	1	1
22	22036	Disc - Spring, 2.5 x 1.06 inches (6.4 x 2.7 cm)	1	1
23	19331	Nut - Low Profile Nylock, 1 -14 UNF	1	1

Figure 5-F

Platform Controls

REV D



REV D

FIGURE 5-F

Index	Part No.	Description	Quantity	This Figure
—	76380	Platform Control Box Assembly with Decals - Complete (decals are listed in Section One)	—	—
—	58268	Blue Board Upgrade Kit (includes index number 10)	—	—
1	49371	Screw - PHM, M4 x 0.7 x 10 mm, GR 4.8	2	2
2	49412	Washer - Flat, M4	2	2
3	49363	Nut - Nylock, M4	2	2
4	49376	Screw - HHC, M6 x 1 x 25 mm, GR 8.8	3	3
5	49364	Nut - Nylock, M6	3	3
6	66866	Stud - Control Box	3	3
7	85291	Platform Control Box Assembly with Decal (includes item number 9) (decals are listed in Section One)	1	1
8	33321	Push Button with Base - Red Mushroom Head	1	1
—	32614	Push Button - Red Mushroom Head	—	—
—	33020	Base - Push Button (includes one each N.C. contact)	—	—
—	33328	Base - Switch	—	—
—	29732	Contact - N.C.	—	—
9	Ref.	Decal - Platform Control Box (refer to Figure 1-A)	—	—
10	76385	Printed Circuit Board	1	1
11	67654	Control Cable, Platform to Jib Boom	90 inches (2.29 m)	1
—	62789	Connector - Platform Cable, Male	—	—
—	62790	Connector - Platform Cable, Female	—	—
—	33579	Pin - Connector, Male	—	—
—	33580	Pin - Connector, Female	—	—
12	52344	Squeeze Connector	1	1
13	39540	Alarm, 6-28V DC (includes retainer nut)	1	1
—	72326	Nut - Retainer	—	—
14	62819	Keeper - Latch	1	1

Notes

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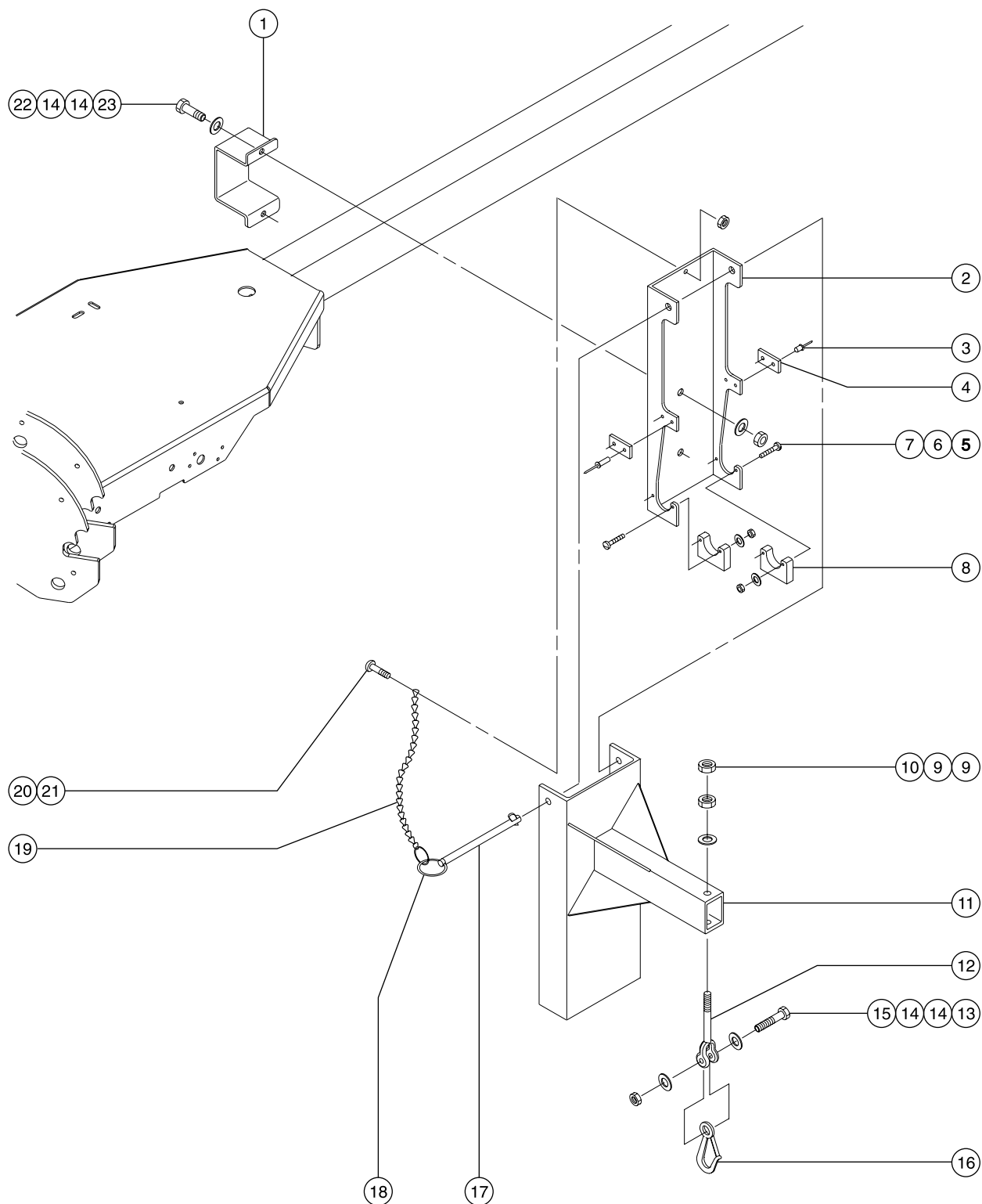
Section Six

Accessories

Figure 6-A

REV C

Material Lift (before serial number T3400-100)



REV C

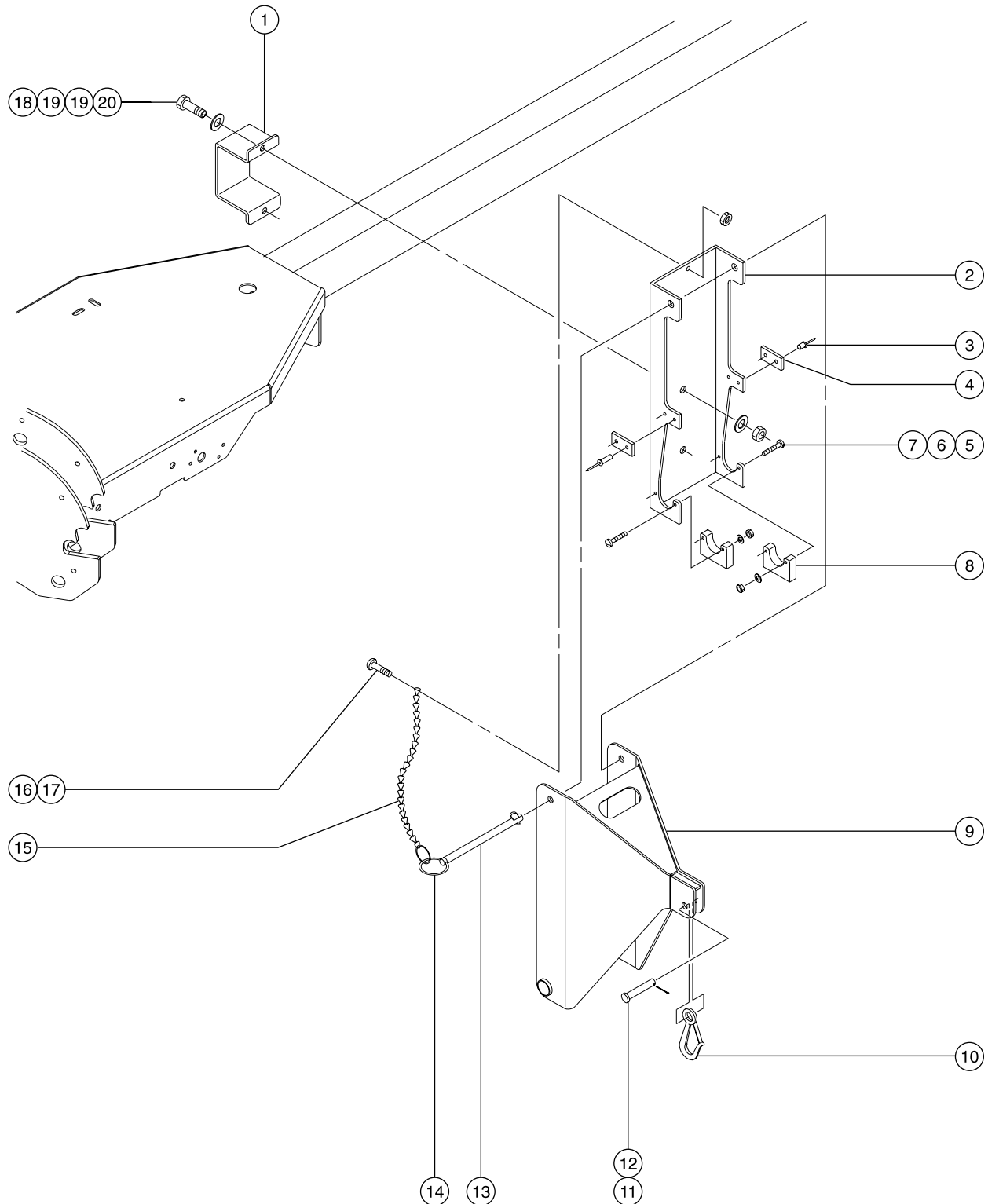
FIGURE 6-A

Index	Part No.	Description	Quantity This Figure
1	59877	Bracket - Storage Mount	1
2	72114	Storage Mount Channel Assembly (includes index numbers 3 through 5, 7 and 8)	1
3	41695	Rivet - Steel, 0.188 x 0.5 inch (4.8 x 12.7 mm)	4
4	39474	Wear Pad, 2 x 1 x 0.25 inch (5.1 x 2.5 x 0.6 cm)	2
5	49369	Screw - PHM, M4 x 0.7 x 25 mm GR 4.8	4
6	49412	Washer - Flat, M4	4
7	49363	Nut - Nylock, M4	4
8	46729	Guide - Alignment	2
9	6034	Nut - Hex Jam, 1/2 -13	2
10	46447	Washer - Thrust, 0.5 x 1 x 0.063 inch (1.3 x 2.5 x 0.2 cm)	1
11	Ref.	Material Lift Carriage (this part is no longer offered, refer to Figure 6-B)	—
12	52286	Clevis Assembly (includes index numbers 9, 10, 13, 14 and 15)	1
13	65192	Screw - HHC, 3/8 -16 x 1.875 inches, galvanized	1
14	22699	Washer - Flat, M10	4
15	4828	Nut - Nylock, 3/8 -16	1
16	43443	Hook - Material Lift	1
17	48301	Pin - Platform Mounting, 8.13 x 0.5 inch (20.7 x 1.3 cm)	1
18	5193	Ring - Split, 1 inch	1
19	59914	Chain - Retaining, 16 inches (40.6 cm)	1
20	49417	Screw - PHM, M5 x 0.8 x 16 mm, GR 4.8	1
21	27082	Nut - Nylock, M5	1
22	27034	Screw - HHC, M10 x 1.5 x 25 mm, GR 8.8	2
23	22736	Nut - Nylock, M10	2

Figure 6-B

REV A

Material Lift (after serial number T3400-099)



REV A

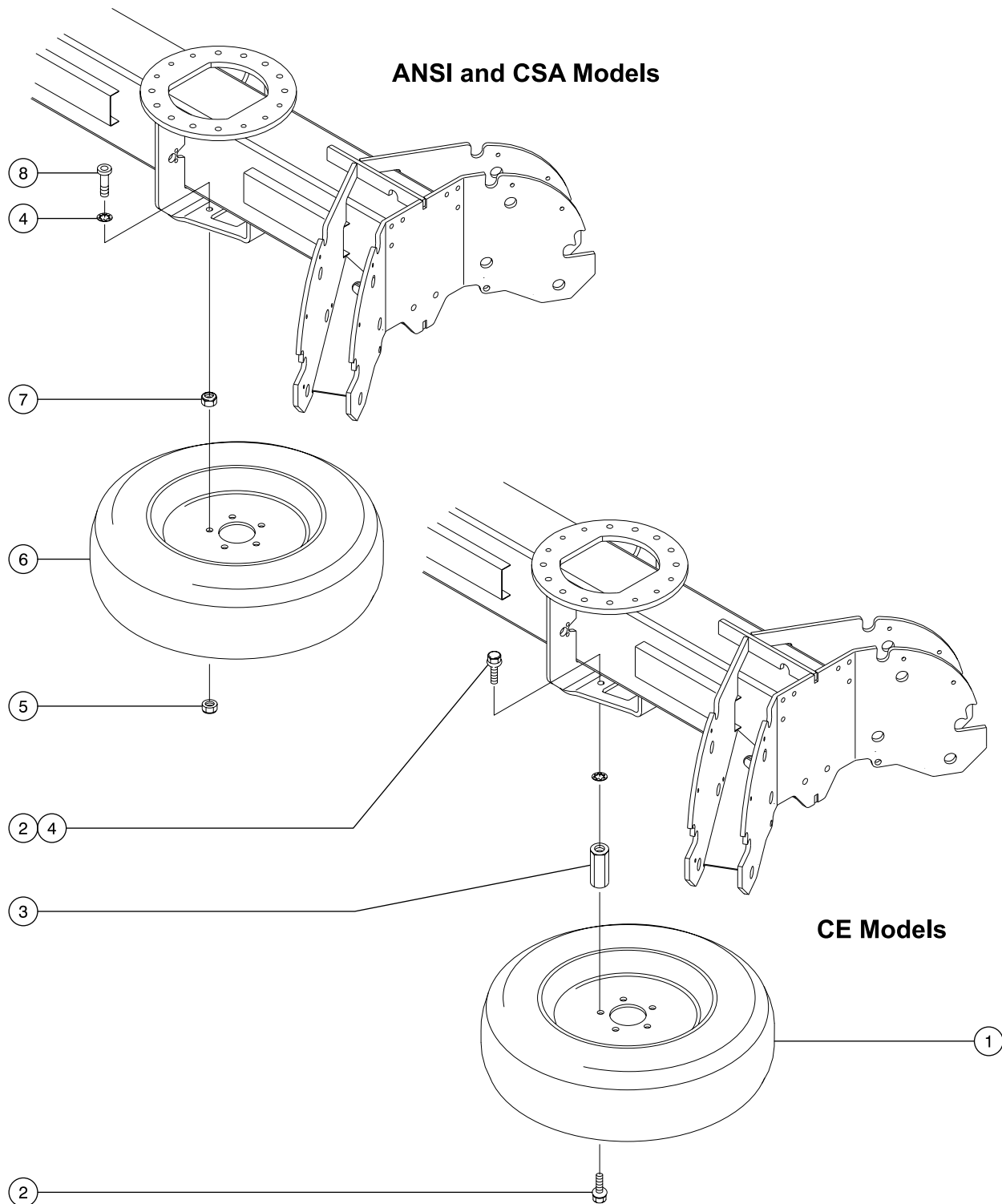
FIGURE 6-B

Index	Part No.	Description	Quantity	This Figure
—	72027	Material Lift Accessory - Complete, ANSI and CE Models	—	—
—	72026	Material Lift Accessory - Complete, CSA and Platform Rotate Models	—	—
1	59877	Bracket - Storage Mount	1	
2	72114	Storage Mount Channel Assembly (includes index numbers 3 through 5, 7 and 8)	1	
3	41695	Rivet - Steel, 0.188 x 0.5 inch (4.8 x 12.7 mm)	4	
4	39474	Wear Pad, 2 x 1 x 0.25 inch (5.1 x 2.5 x 0.6 cm)	2	
5	49369	Screw - PHM, M4 x 0.7 x 25 mm, GR 4.8	4	
6	49412	Washer - Flat, M4	4	
7	49363	Nut - Nylock, M4	4	
8	46729	Guide - Alignment	2	
9	72029	Material Lift Carriage Assembly with Decal (ANSI and CE models) (includes index numbers 10, 11 and 12) (decals are listed in Section One)	1	
—	72028	Material Lift Carriage Assembly with Decal (CSA and Platform Rotate models) (includes index numbers 10, 11 and 12) (decals are listed in Section One)	—	—
10	67770	Hook - Material Lift	1	
11	6094	Pin - Cotter, 1 x 0.125 inch (2.5 x 0.32 cm)	1	
12	67787	Pin - Clevis, 1.5 x 0.5 inch (3.8 x 1.3 cm)	1	
13	48301	Pin - Platform Mounting, 8.13 x 0.5 inch (20.7 x 1.3 cm)	1	
14	5193	Ring - Split, 1 inch	1	
15	59914	Chain - Retaining, 16 inches (40.6 cm)	1	
16	49417	Screw - PHM, M5 x 0.8 x 16 mm, GR 4.8	1	
17	27082	Nut - Nylock, M5	1	
18	27034	Screw - HHC, M10 x 1.5 x 25 mm, GR 8.8	2	
19	22699	Washer - Flat, M10	4	
20	22736	Nut - Nylock, M10	2	

Figure 6-C

Spare Tire Options

REV C



REV C

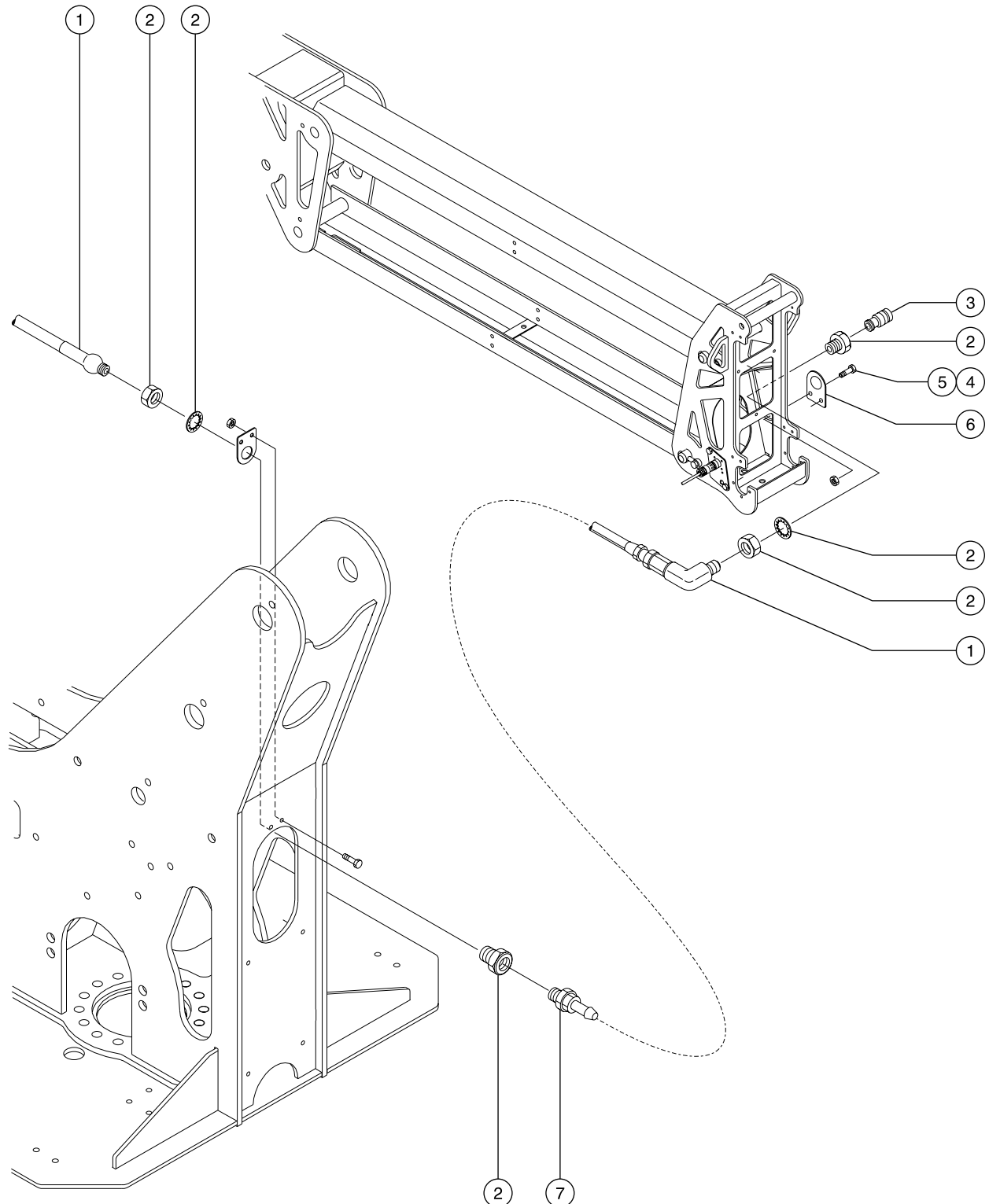
FIGURE 6-C

Index	Part No.	Description	Quantity	This Figure
—	72116	Spare Tire Option (ANSI and CSA models) (includes index numbers 5 through 8)	—	—
—	65332	Spare Tire Option (CE models) (includes index numbers 1 through 4)	—	—
1	55087	Tire and Wheel Assembly (CE models)	1	1
—	65333	Wheel, 15 inches	—	—
—	65334	Tire, 195/65R15, Load Range 91	—	—
2	55140	Bolt - Lug, M12 x 1.75 x 20 mm	6	6
3	67292	Coupling - Spare Tire Mount (CE models)	3	3
4	59672	Washer - Star, Internal	3	3
5	46717	Nut - Lug, 1/2 -20 UNF	3	3
6	76322	Tire and Wheel Assembly (ANSI and CSA models)	1	1
—	80270	Wheel, 14 inches	—	—
—	80271	Tire, 195/75D14 inches, Load Range D	—	—
7	59570	Nut - Nylock, 1/2 -20	3	3
8	59569	Lug Bolt - SHC, 1/2 -20 x 2 inches	3	3

Figure 6-D

Air line to Platform

REV A



REV A

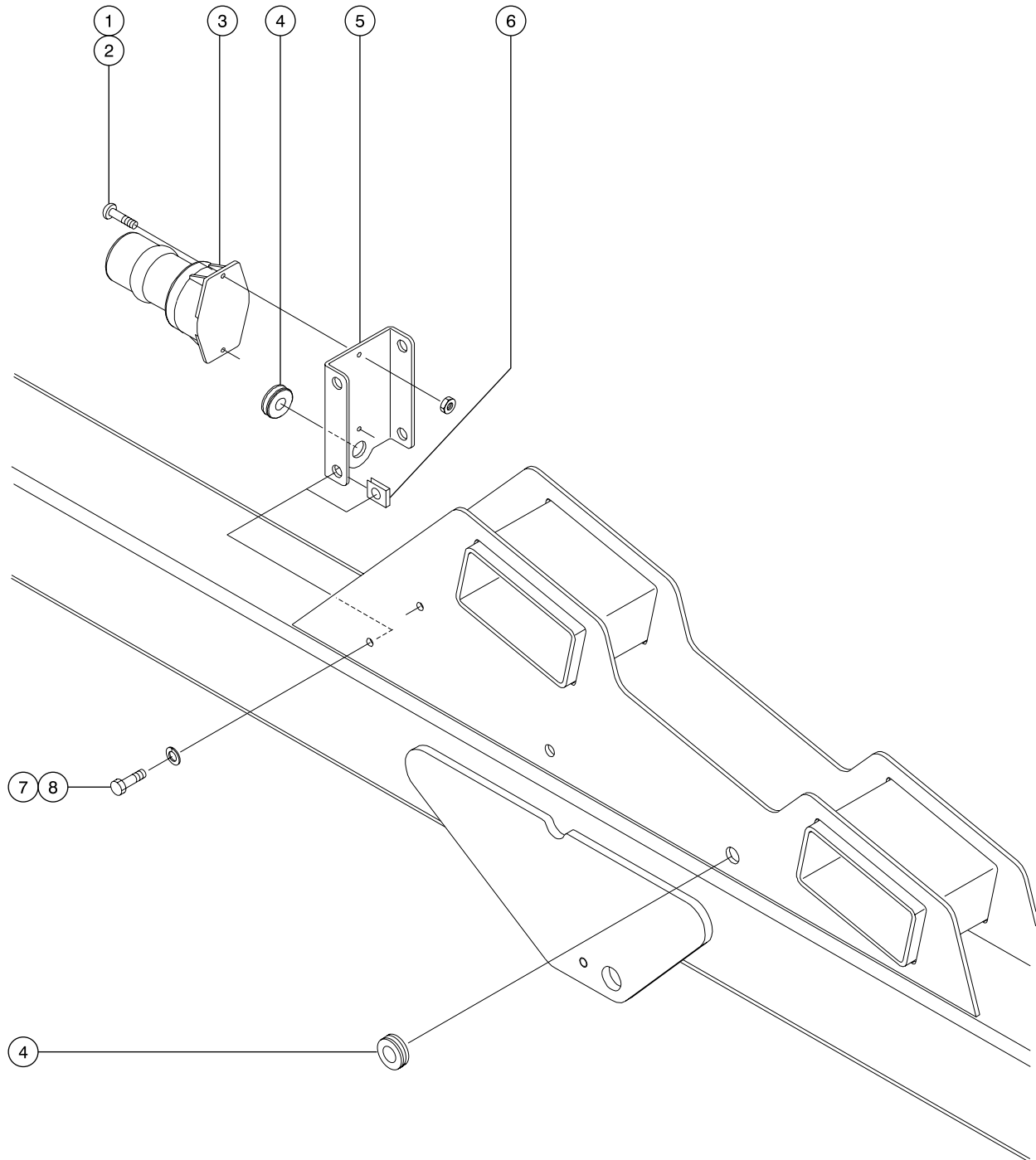
FIGURE 6-D

Index	Part No.	Description	Quantity This Figure
—	49657	Air line to Platform Option - Complete	—
1	85292	Air line Assembly with Fittings	1
2	27900	Fitting - Female Bulkhead Adapter, 10 MPT	2
3	27895	Coupler - Female Quick Disconnect	1
4	49379	Screw - HHC, M8 x 1.25 x 25 mm, GR 8.8	4
5	25368	Nut - Nylock, M8	4
6	59502	Bracket, Air line Mount	2
7	27894	Plug - Male Quick Disconnect	1

Figure 6-E

REV C

Operator Warning Light (before serial number T3400-136)



REV C

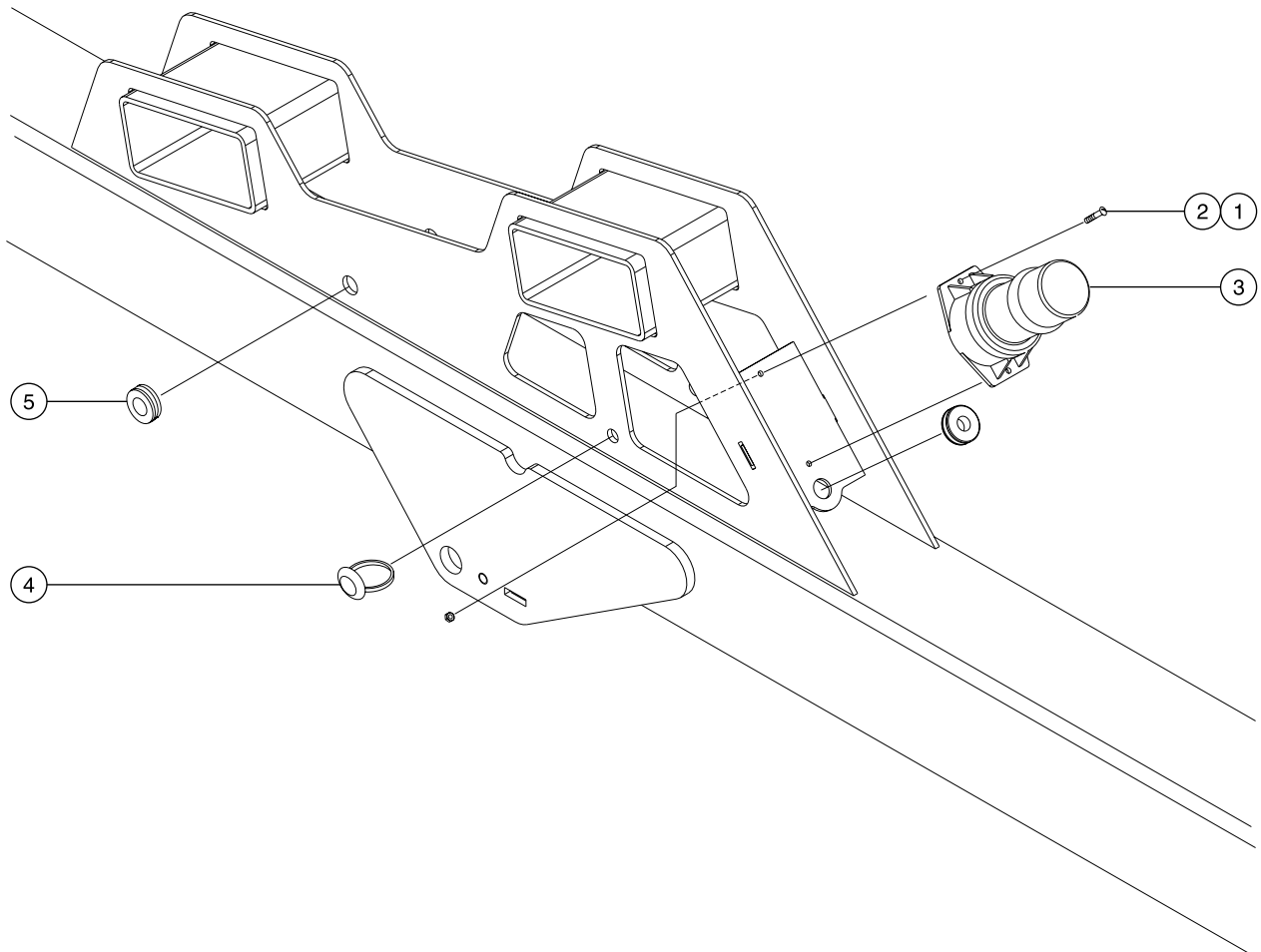
FIGURE 6-E

Index	Part No.	Description	Quantity This Figure
—	85299	Operator Warning Light Accessory - Complete	—
—	43958	Electrical Cord, 16 Gauge (1.307 mm ²), 2 Conductor 90 inches (2.286 m)	—
1	49417	Screw - PHM, M5 x 0.8 x 16 mm, GR 4.8	2
2	27082	Nut - Nylock, M5	2
3	66909	Strobe - Beacon, 12-48V DC	1
—	58973	Bulb - Strobe	—
4	55046	Grommet - Rubber, 0.5 x 1.25 x 0.19 inch (1.3 x 3.2 x 0.5 cm)	3
5	67741	Bracket - Warning Light	1
6	59912	Nut - Spring Clip, M8	4
7	49379	Screw - HHC, M8 x 0.8 x 25 mm, GR 8.8	4
8	49408	Washer - Lock, M8	4

Figure 6-E.1

REV A

Operator Warning Light (after serial number T3400-135)



REV A

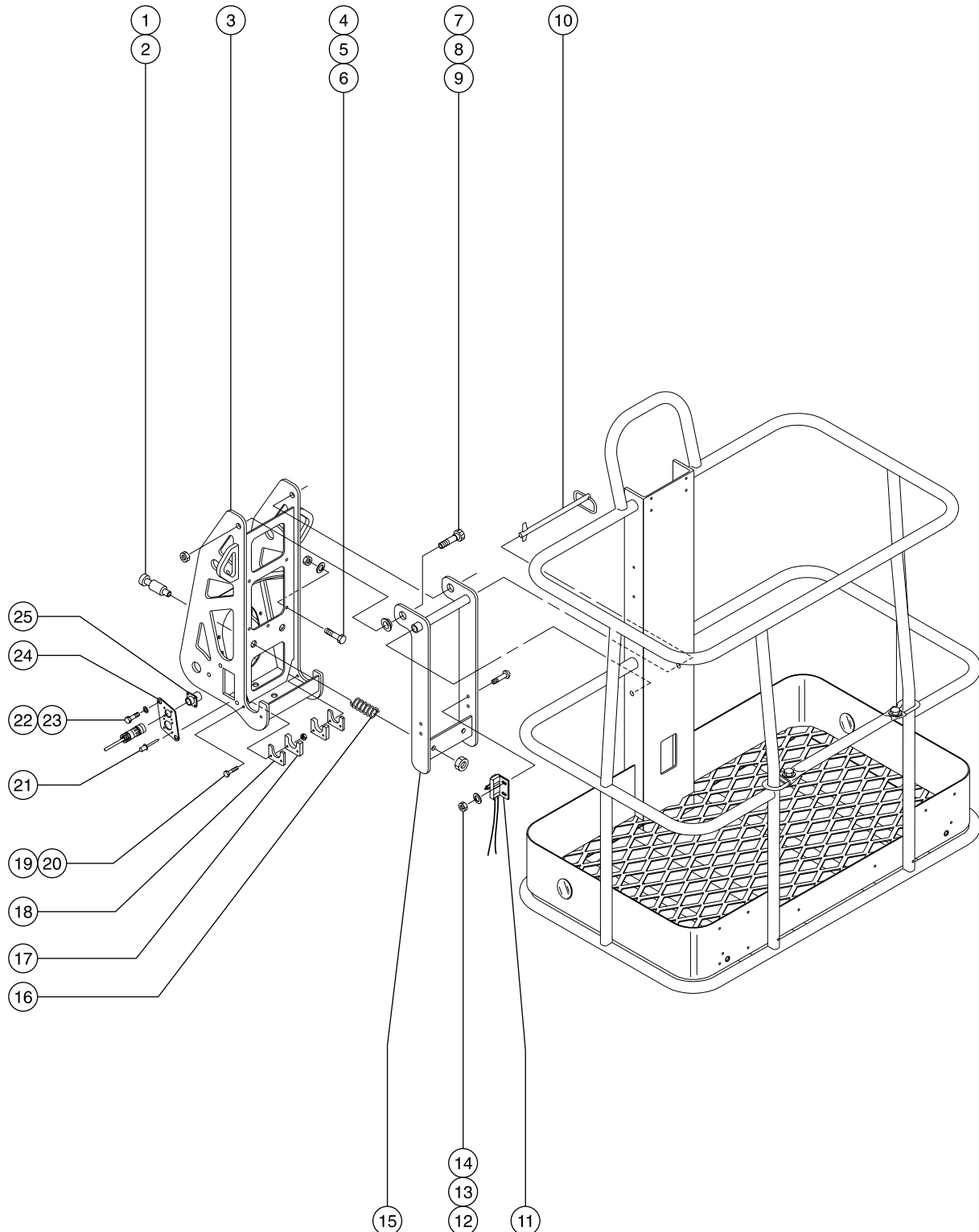
FIGURE 6-E.1

Index	Part No.	Description	Quantity This Figure
—	85299	Operator Warning Light Accessory - Complete	—
—	43958	Electrical Cord, 16 Gauge (1.307 mm ²), 2 Conductor 90 inches (2.286 m)	—
1	49417	Screw - PHM, M5 x 0.8 x 16 mm, GR 4.8	2
2	27082	Nut - Nylock, M5	2
3	39676	Strobe - Beacon, 12-48V DC	1
—	58973	Bulb - Strobe	—
4	40928	Cable Tie - Button, Black, 10 inches (25.4 cm)	1
5	55046	Grommet - Rubber, 0.5 x 1.25 x 0.19 inch (1.3 x 3.2 x 0.5 cm)	2

Figure 6-F

French Load Sensing Option

REV A



REV A

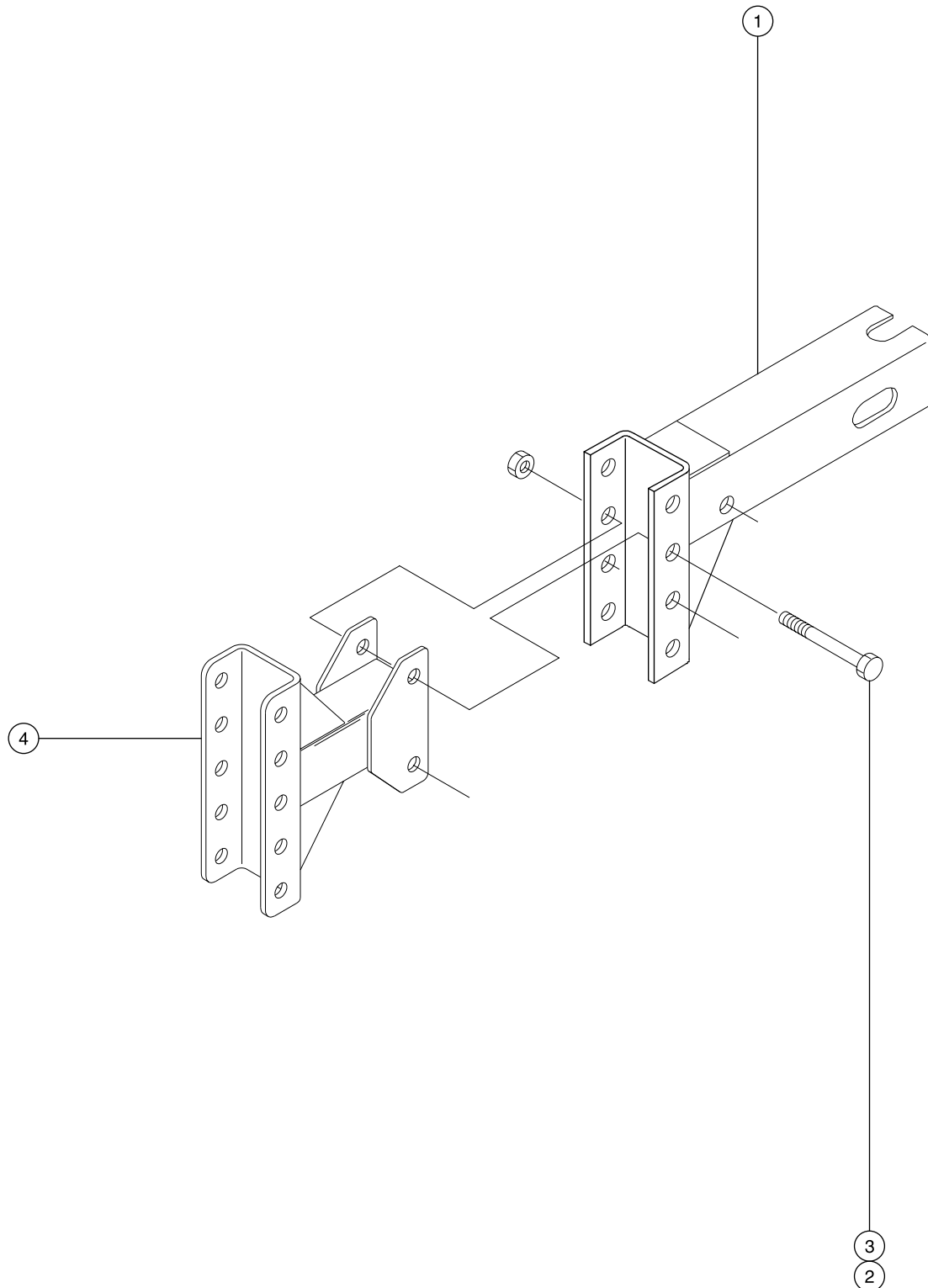
FIGURE 6-F

Index	Part No.	Description	Quantity	This Figure
1	67263	Bolt - Shoulder, M10 x 1.5 x 85 mm	2	
2	22736	Nut - Nylock, M10	2	
3	65394	Pivot Weldment Assembly (includes index numbers 17 through 20)	1	
4	49376	Screw - HHC, M6 x 1 x 25 mm, GR 8.8	1	
5	49407	Washer - Lock, M6	1	
6	55017	Nut - Hex, M6	1	
7	67298	Screw - SHS, 1/2 -13 x 0.63 inch	2	
8	48074	Bearing - Flange, 0.63 x 0.75 x 0.438 inch (1.6 x 1.91 x 1.11 cm)	2	
9	6086	Nut - Low Profile Nylock, 1/2 -13	2	
10	48301	Pin - Platform Mounting, 8.13 x 0.5 inch (20.7 x 1.1 cm)	1	
11	67314	Switch - Pressure	1	
12	27082	Nut - Nylock, M5	2	
13	49413	Washer - Flat, M5	2	
14	49417	Screw - PHM, M5 x 0.8 x 16 mm, GR 4.8	2	
15	59921	Weldment - Load Sensing	1	
16	67328	Spring - Load Sensing	2	
17	59923	Guide - Platform Alignment	2	
18	67269	Spacer - Platform Alignment	2	
19	67522	Screw - PHM, M4 x 0.7 x 35 mm	4	
20	49363	Nut - Nylock, M4	4	
21	55096	Rivet - Aluminum, 0.125 x 0.337 inch (3.2 x 8.6 mm)	4	
22	49387	Screw - HHC, M10 x 1.5 x 12 mm, GR 8.8	2	
23	22700	Washer - Lock, M10	2	
24	55064	Plate - Connector Mount	1	
25	67329	Adapter - Wire Harness, Load Sensing	1	
—	33589	Connector - Plug, Male	1	
—	33580	Pin - Connector, Female	6	
—	33581	Connector - Female Panel Mount	1	
—	33579	Pin - Connector, Male	6	

Figure 6-G

Hitch Extension

REV C



REV C

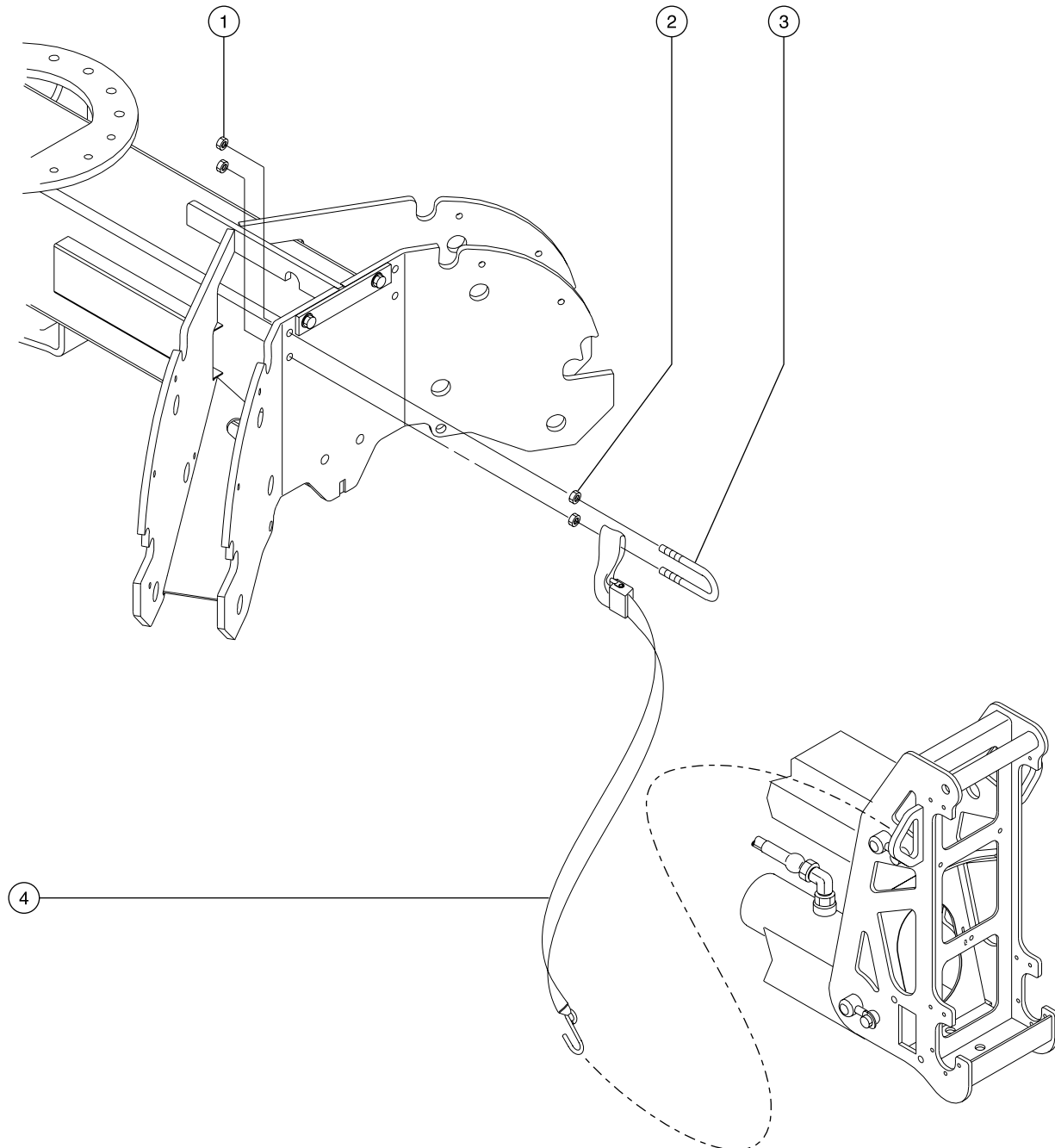
FIGURE 6-G

Index	Part No.	Description	Quantity	This Figure
1	Ref.	Channel - Coupler Mounting (refer to Figure 2-G)	—	
2	59746	Screw - HHC, $\frac{5}{8}$ -11 x 4 inches, GR 5	2	
3	38028	Nut - Low Profile Nylock, $\frac{5}{8}$ -11	2	
4	59713	Weldment - Hitch Extension	1	

Figure 6-H

REV A

European Jib Boom Strap



REV A

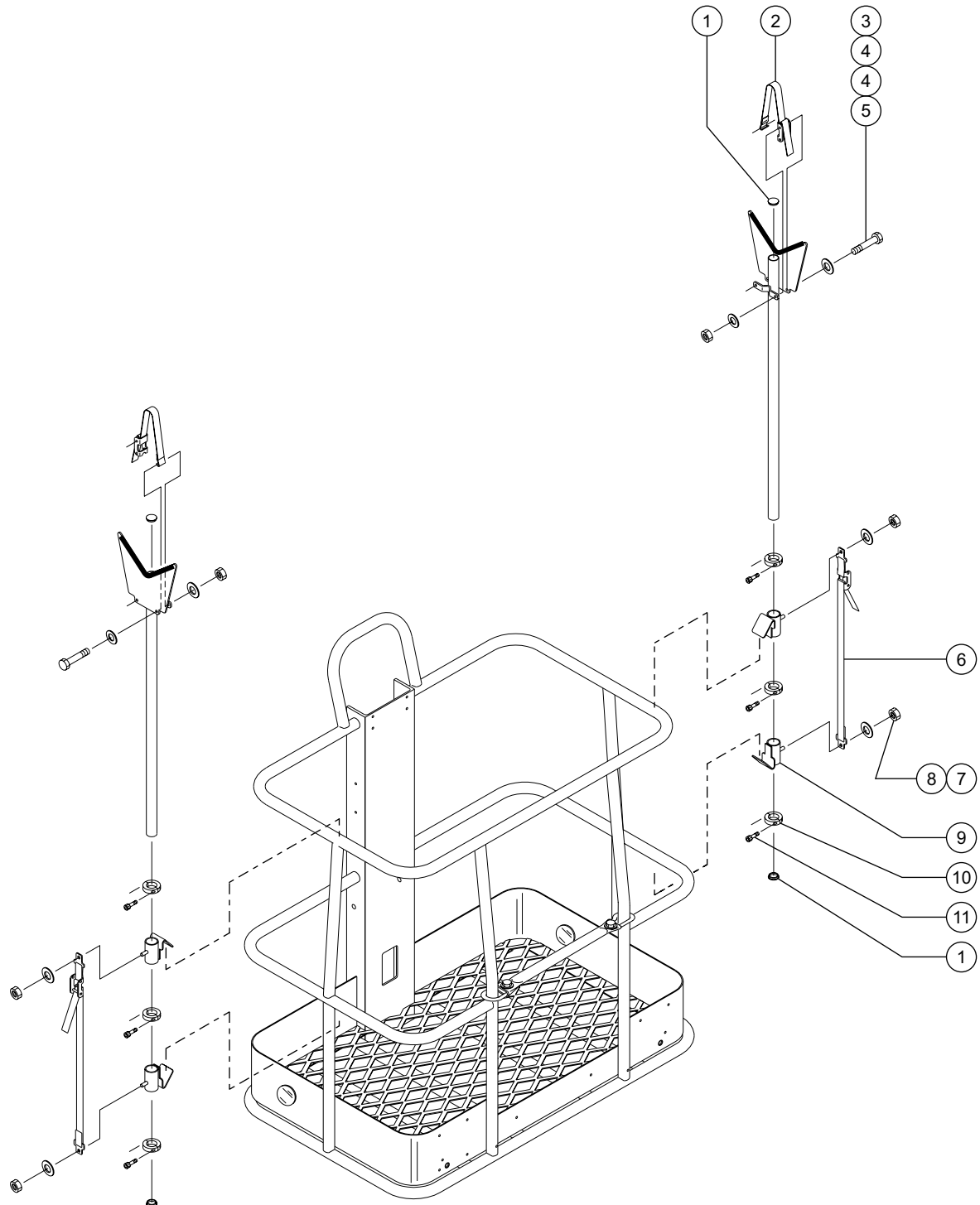
FIGURE 6-H

Index	Part No.	Description	Quantity This Figure
1	4828	Nut - Nylock, $\frac{3}{8}$ -16	2
2	6022	Nut - Hex, $\frac{3}{8}$ -16	2
3	6550	U-Bolt, $\frac{3}{8}$ -16 x 1.5 x 2.5 x 1.25 inches	1
4	67745	Strap - Jib Boom Hold-down	1

Figure 6-I

Pipe Cradle

REV A



REV A

FIGURE 6-I

Index	Part No.	Description	Quantity This Figure
—	85300	Pipe Cradle Kit - Complete	—
1	45385	Plug - Black Plastic, 1.12 inches (2.8 cm)	4
2	56569	Strap - Pipe Cradle, 30 inches (76.2 cm)	2
3	6884	Screw - HHC, 1/4 -20 x 2.5 inches, GR 5	4
4	6638	Washer - Flat, 1/4 inch	8
5	6091	Nut - Nylock, 1/4 -20	4
6	56570	Strap - Conduit Holder, 60 inches (1.524 m)	2
7	7713	Nut - Low Profile Nylock, 3/8 -16	4
8	6097	Washer - Flat, 3/8 inch (0.438 x 1 x 0.083 inch) (1.11 x 2.54 x 0.21 cm)	4
9	56542	Weldment - Pipe Cradle Clamp	4
10	56528	Collar - Pipe Cradle Clamp Weldment (1.25 inches I.D. x 2.06 O.D.) (3.2 x 5.2 cm)	6
11	65533	Screw - SHC, 1/4 -28 x 0.75 inch	6

[illegible]

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