

Service Information

COT RETAINING POST ADJUSTMENT

Tools Required:

- T30 Torx Driver

⚠ CAUTION

The cot retaining post is shipped preconfigured for an X-frame cot. If the cot fastener has been configured for an H-frame cot, you must adjust the cot retaining post to accommodate the cot fastener.

Procedure:

1. Using a T30 Torx driver, remove the two socket head cap screws (A) that hold the brackets (B) to the base frame (C) (Figure 53). Save both screws for reinstallation.
2. Turn the bottom bracket 180°.
3. Using a T30 Torx driver, reinstall the two socket head cap screws that were removed in step 1.
4. Verify proper operation of the unit before returning it to service.

To determine if your cot is an X-frame or H-frame cot, look for an arrow or groove on the bottom bracket of the cot retaining post.

- The cot retaining post is set for an X-frame cot if the arrow on the bottom bracket of the retaining post points toward the head end of the cot or if the groove in the bottom bracket is located on the inside of the patient left side of the base tube.
- The cot retaining post is set for an H-frame cot if the arrow on the bottom bracket of the retaining post points toward the foot end of the cot or if the groove in the bottom bracket is located on the outside of the patient left side of the base tube.

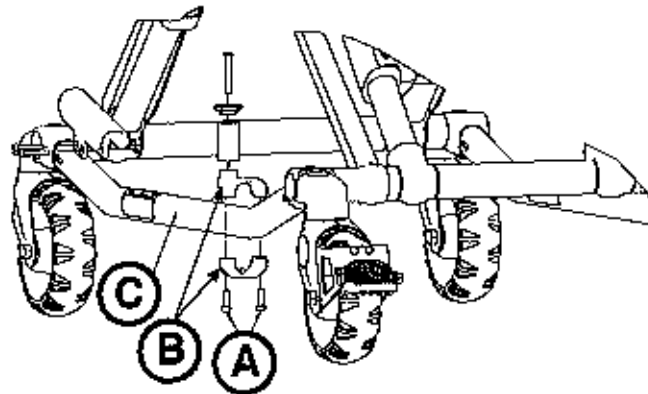


Figure 53

Service Information

COT RETAINING POST REPLACEMENT

Tools Required:

- T30 Torx Driver
- 5/32" Hex Wrench
- Torque Wrench (in-lb)

Procedure:

1. Raise the cot to the full upright position.
2. Turn the cot onto the patient left side.

Note: Locate the arrow or groove on the bottom bracket. The replacement retaining post bracket will need to be assembled in the same orientation.

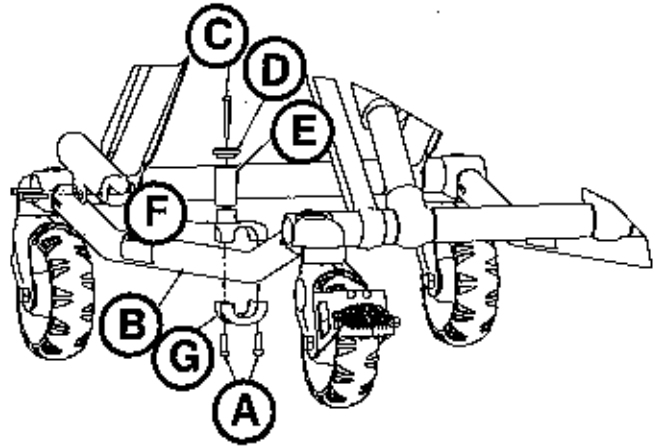


Figure 54

3. Using a T30 Torx driver, remove the two socket head cap screws (A) that secure the current cot retaining post to the base tube (B) (Figure 54). Discard the screws and cot retaining post.
4. Insert the button head cap screw (C) through the retaining post cap (D) and post tube (E), and then into the top pin bracket (F) (Figure 54).
5. Using a 5/32" hex wrench, tighten the button head cap screw (C) completely to secure the retaining post cap (D) and post tube (E) to the top pin bracket (F) (Figure 54). Using a torque wrench, torque the screw to 100-140 in-lb.
6. Assemble the cot retaining post across the base tube. Align the holes of the brackets and insert two socket head cap screws (A) into the threaded holes of the bottom pin bracket (G) (Figure 54).
7. Using a T30 Torx driver, tighten the two socket head cap screws completely.
8. Verify proper operation of the unit before returning it to service.

Note: Adjustment of the rail clamp assembly may be required in order to compensate for any variation in cot retaining post position depending on the ambulance cot manufacturer and model number.

COT RETAINING POST SCREW REPLACEMENT

Tools Required:

- T25 Torx Driver
- 5/32" Hex Wrench
- Torque Wrench (in-lb)

Procedure:

1. Using a T25 Torx driver or 5/32" hex wrench, remove the button head cap screw that secures the retaining post cap and post tube to the top pin bracket. Discard the screw.
2. Using a 5/32" hex wrench, install and tighten the button head cap screw (0004-503-000) completely to secure the retaining post cap and tube to the top portion of the retaining post assembly. Using a torque wrench, torque the screw to 100-140 in-lb.

Note: If you cannot torque the screw to 100-140 in-lb, then you must replace the entire cot retaining post. See "Cot Retaining Post Replacement".

3. Verify proper operation of the unit before returning it to service.

Return To Table of Contents

Service Information

HYDRAULIC A VALVE OR B VALVE REPLACEMENT

Tools Required:

- T25 Torx Driver
- 3/4" Combination Wrench
- 7/8" Combination Wrench
- (2) Saw Horse

Procedure:

1. Raise the cot to the full upright position.
2. Using two saw horses, support the litter and activate the manual release handle to relieve any hydraulic oil pressure.
3. Using a T25 Torx driver, remove the seat pan from the litter to access the hydraulic assembly.
4. Disconnect all connections to the main cable assembly.
5. Using a 3/4" combination wrench, remove the nut that secures the solenoid to the A valve (A) or B valve (B) (Figure 55). Save the nut for reinstallation.
6. Remove the solenoid from the valve. Save the solenoid for reinstallation.
7. Using a 7/8" combination wrench, remove the A valve or B valve from the hydraulic subassembly.

Note: Hydraulic oil will leak from the valve and manifold. Lay down towels to catch the oil.

8. Reverse steps to reinstall.
9. Check functionality by running the cot up and down several times. If necessary, add hydraulic oil. See "Filling the Hydraulics Assembly Reservoir" on page 83.
10. Verify proper operation of the unit before returning it to service.

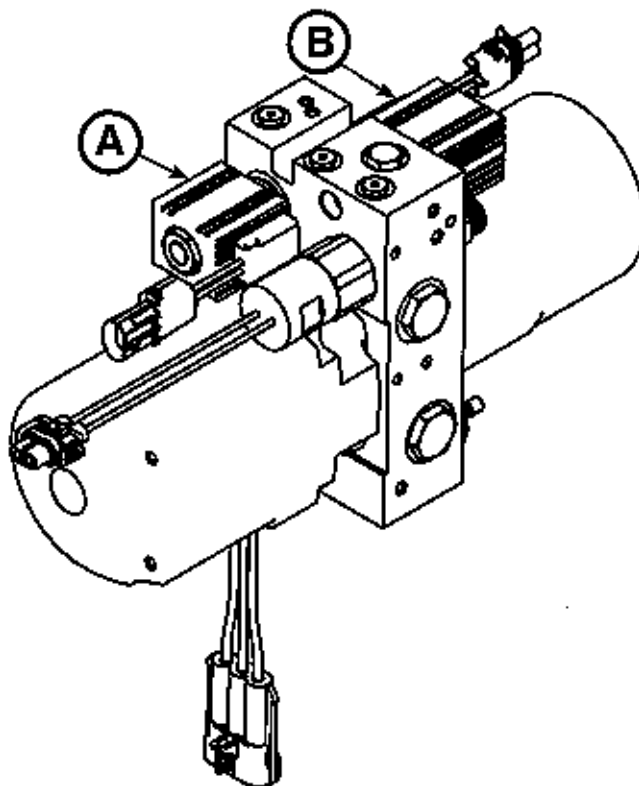


Figure 55

Service Information

HYDRAULIC MANUAL RELEASE VALVE REPLACEMENT

Tools Required:

- T27 Torx Driver
- 7/16" Combination Wrench
- 1/8" Hex Wrench
- 7/8" Hex Wrench
- (2) Saw Horse

Procedure:

1. Raise the cot to the full upright position.
2. Using two saw horses, support the litter and activate the manual release handle to relieve any hydraulic oil pressure.
3. Using a T27 Torx driver, remove the two button head cap screws (A) that secure the manual release cable bracket to the bottom of the hydraulic subassembly (Figure 56).
4. Using a 1/8" hex wrench, place the hex wrench through the stem at the groove in the valve body to hold the valve stem in position.
5. Using a 7/16" combination wrench, remove the Nylock hex nut (B) from each of the valve stems (Figure 56).
6. Using a 7/8" combination wrench, remove the valve (C or D) to be replaced (Figure 57).
7. Reverse steps to reinstall.
8. Check functionality by running the cot up and down several times. If necessary, add hydraulic oil. See "Filling the Hydraulics Assembly Reservoir" on page 83.
9. Verify proper operation of the unit before returning it to service.

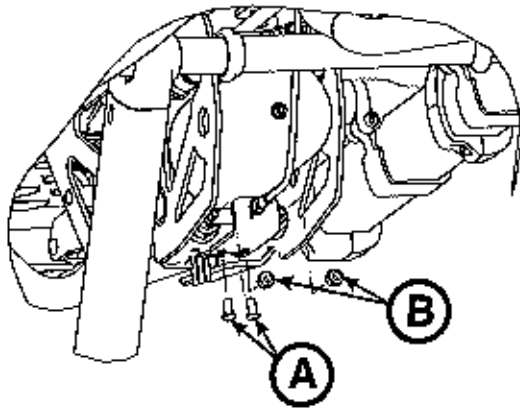


Figure 56

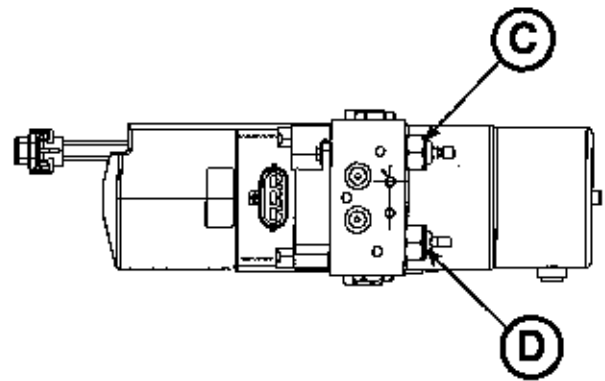


Figure 57

Service Information

HYDRAULIC CYLINDER REPLACEMENT

Tools Required:

- 9/16" Combination Wrench
- 3/4" Combination Wrench
- 11/16" Combination Wrench
- 13/16" Combination Wrench
- 3/8" Combination Wrench
- 1/8" Hex Wrench
- (2) Saw Horse

Procedure:

1. Raise the cot to the full upright position.
2. Using two saw horses, support the litter and activate the manual release handle and manually compress ram to remove the tension on the base cross tube connecting bolt.
3. Using a 3/4" and 9/16" combination wrench, remove the rod attachment pin (A), washer (B), and Nylock hex nut (C) that secure the hydraulic cylinder to the base (Figure 58).
4. Activate the manual release handle and fully compress the hydraulic cylinder.
5. Using a 11/16" and 13/16" combination wrench, remove both hoses (D) from the hydraulic cylinder (E) (Figure 59).

Note: Hydraulic oil will leak from the hoses and cylinder. Lay down towels to catch the oil.

6. Keep the hose ends high and upright to minimize the amount of fluid lost.
7. Using a 1/8" hex wrench and 3/8" combination wrench, remove the two socket head set screws (F) and Fiberlock hex nuts (G) that secure the hydraulic cylinder to the base (Figure 60).
8. Reverse steps to reinstall.
9. Check functionality by running the cot up and down several times. If necessary, add hydraulic oil. See "Filling the Hydraulics Assembly Reservoir" on page 83.
10. Verify proper operation of the unit before returning it to service.

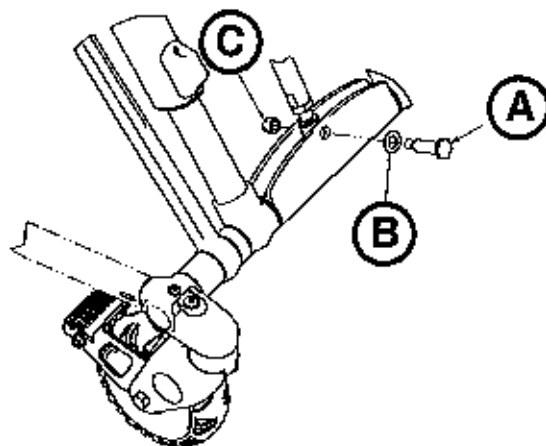


Figure 58

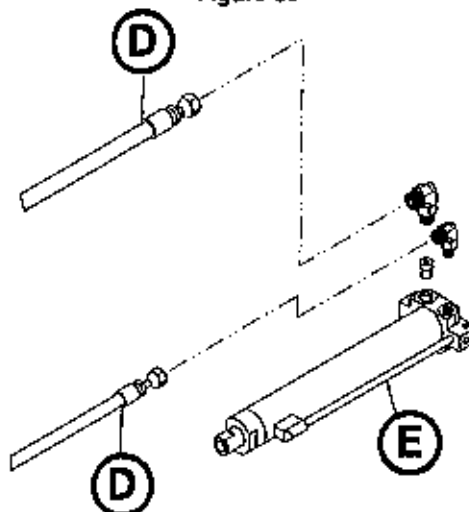


Figure 59

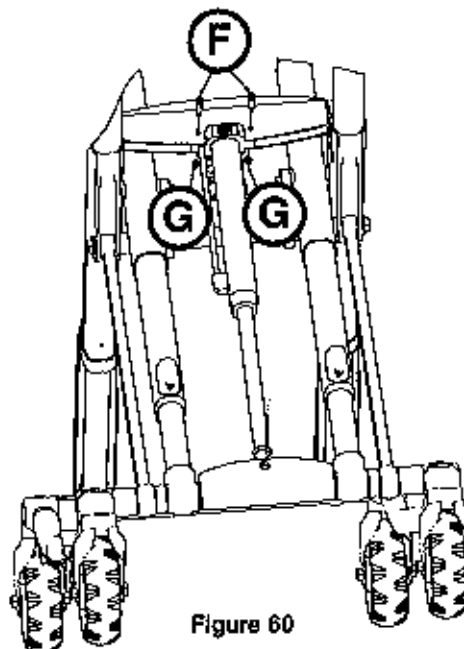


Figure 60

Service Information

HYDRAULIC HOSE REPLACEMENT

Tools Required:

- 13/16" Combination Wrench
- 11/16" Combination Wrench
- (2) Saw Horse

Procedure:

1. Raise the cot to the full upright position.
2. Using two saw horses, support the litter and activate the manual release handle to relieve any hydraulic oil pressure.
3. Using 11/16" and 13/16" combination wrenches, remove the damaged hose (A or B) (Figure 61).

Notes:

- Pay attention to the routing of the hydraulic hose for reinstallation.
 - Hydraulic oil will leak from the hoses and cylinder. Lay down towels to catch the oil.
4. Reverse steps to reinstall.
 5. Check functionality by running the cot up and down several times. If necessary, add hydraulic oil. See "Filling the Hydraulics Assembly Reservoir" on page 83.
 6. Verify proper operation of the unit before returning it to service.

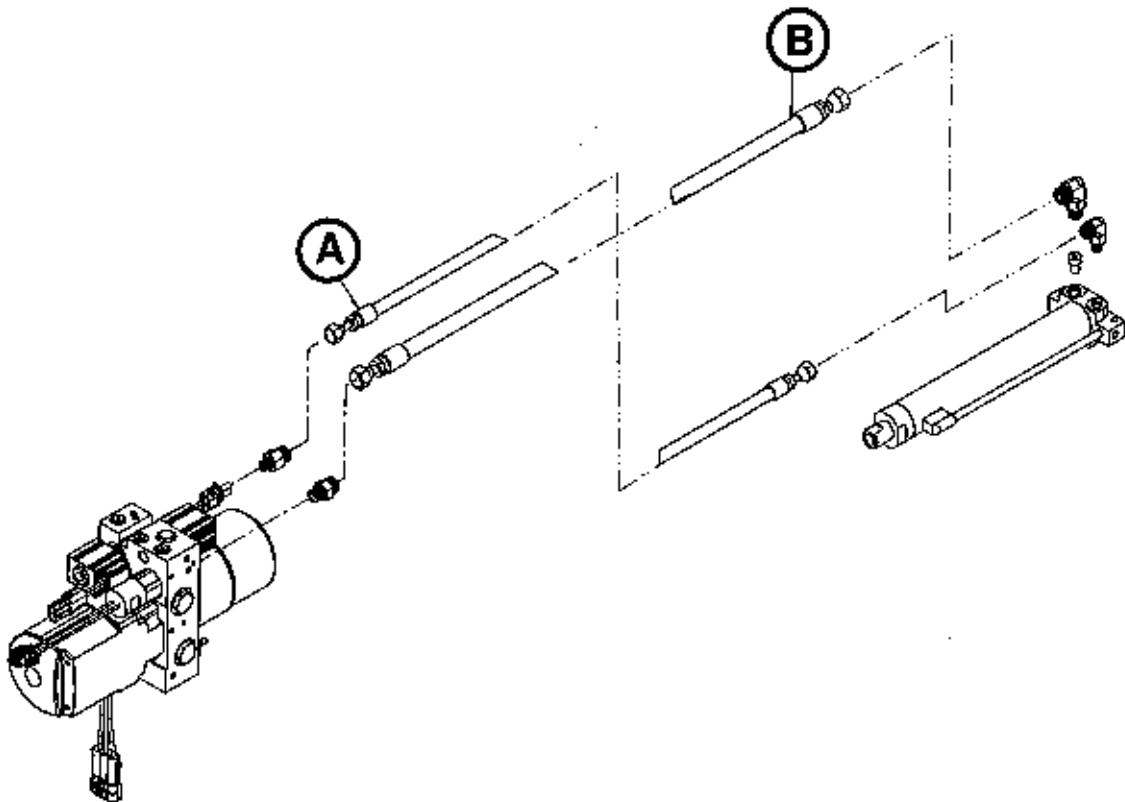


Figure 61

[Return To Table of Contents](#)

Service Information

TERMINAL BLOCK REPLACEMENT

Tools Required:

- T20 Torx Driver
- T25 Torx Driver

Procedure:

1. Raise the cot to full up position.
2. Remove the battery and save for reinstallation.
3. Using a T25 Torx driver, remove the six outer button head cap screws (A) from the face plate (Figure 62). Save all screws for reinstallation.
4. Using a T20 Torx driver, remove the four inner delta screws (B) from the face plate to remove the face plate (Figure 82). Save all screws and the face plate for reinstallation.
5. Using a T20 Torx driver, remove the four delta screws (C) that secure the electronics assembly to the foot end enclosure and pull the electronics assembly out (Figure 83). Save all parts for reinstallation.
6. Unplug the black and red wires that connect the cot connector cable assembly (D) to the control board (E) (Figure 64).
7. Using a T20 Torx driver, remove the two delta screws (F) from the bottom plate of the foot end enclosure (G) to remove the enclosure (Figure 64). Save all parts for reinstallation.
8. Remove the terminal block and discard.
9. Reverse steps to reinstall.
10. Check functionality by running the cot up and down several times.
11. Verify proper operation of the unit before returning it to service.

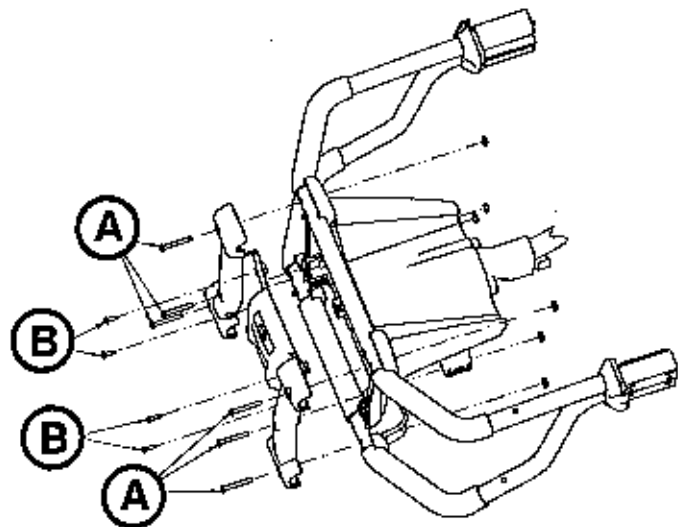


Figure 62

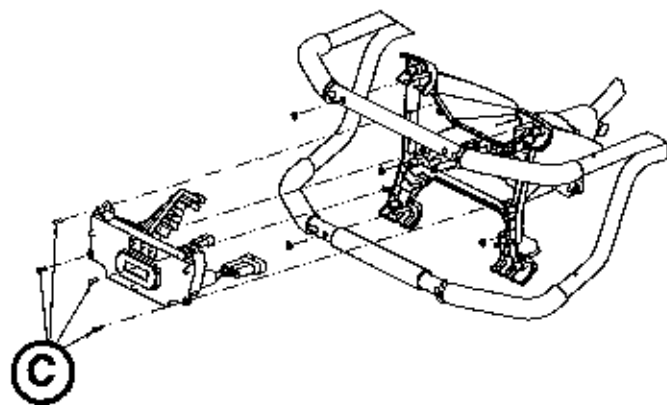


Figure 83

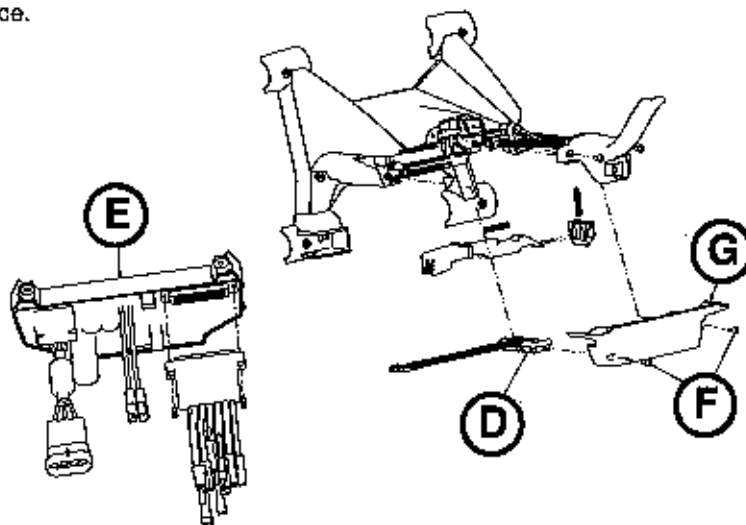
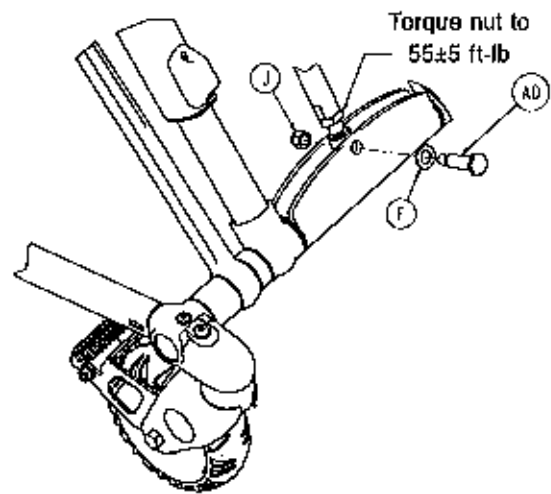
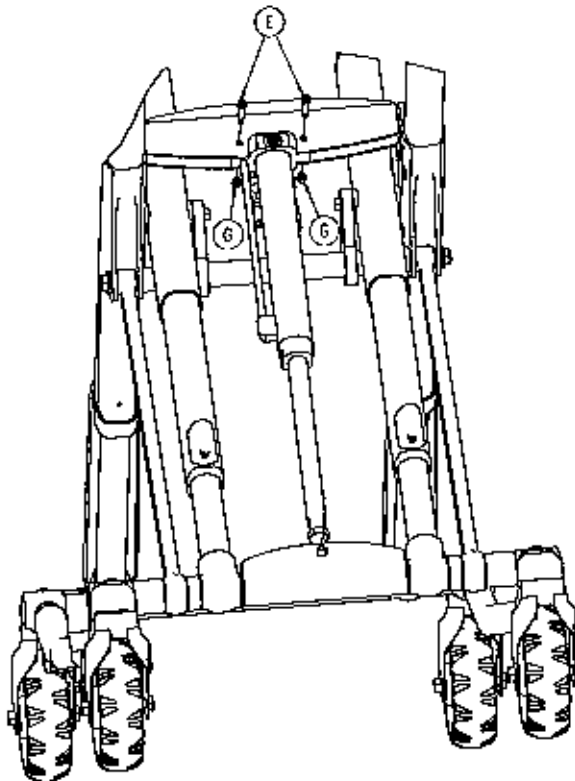
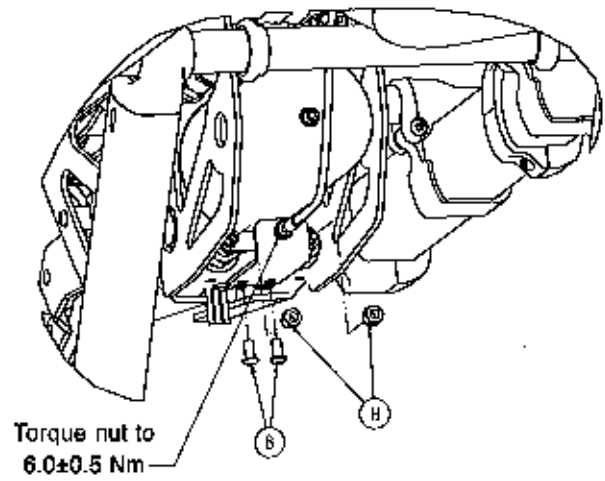
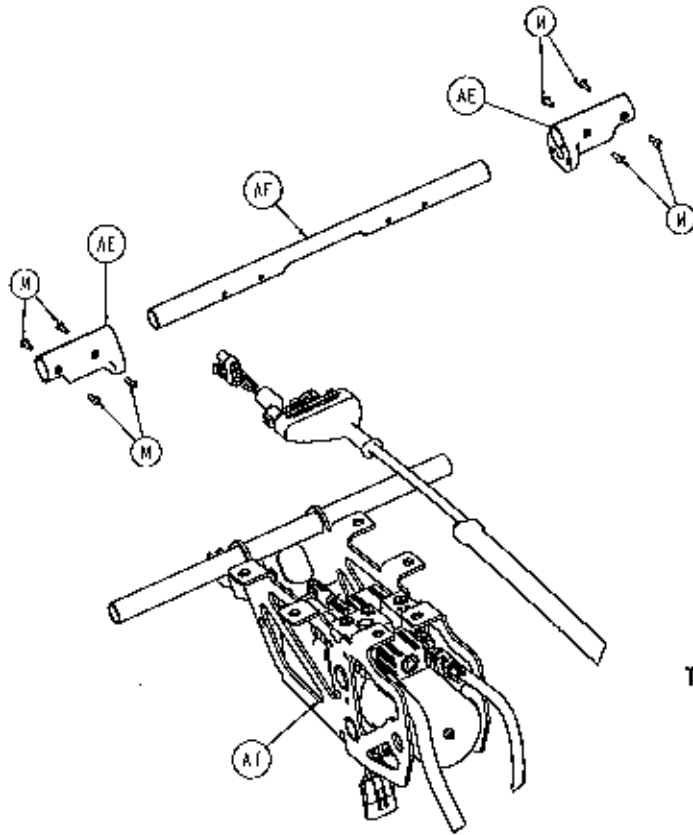


Figure 84

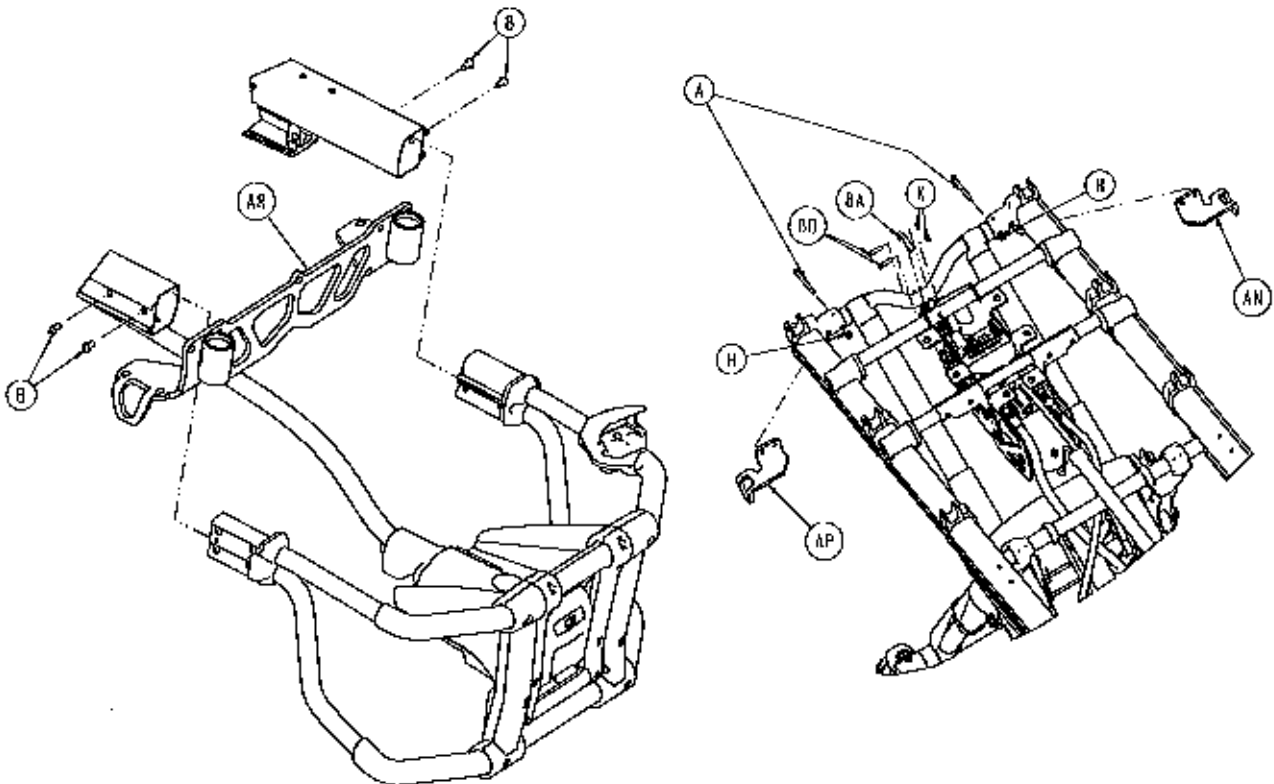
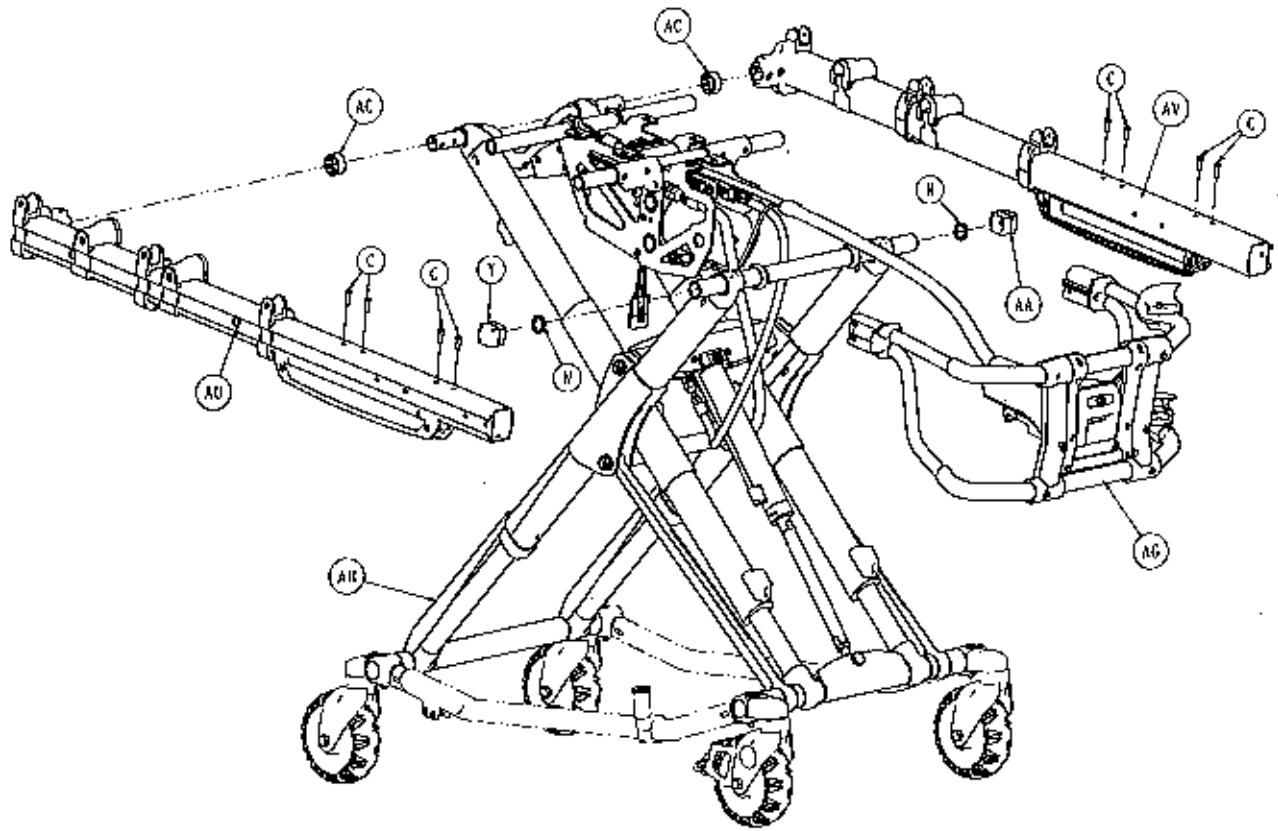
Cot Assembly

6516-001-010 Rev E (Reference Only)

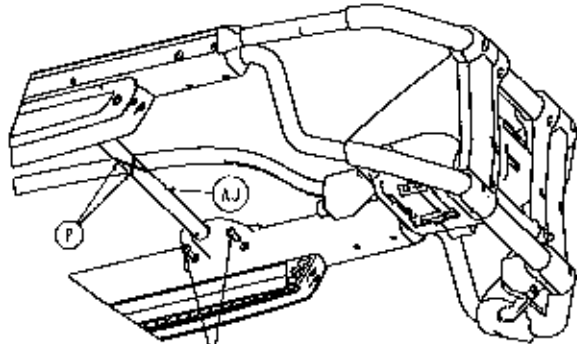


[Return To Table of Contents](#)

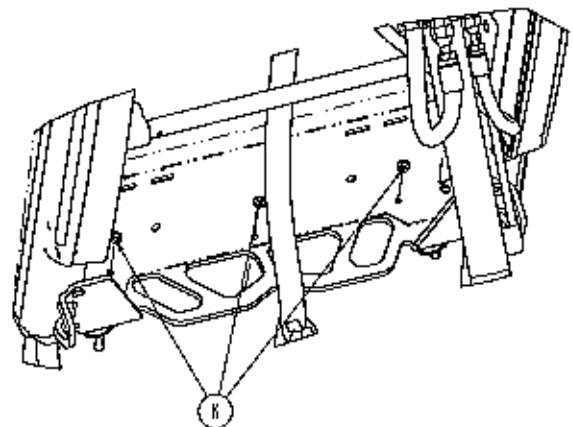
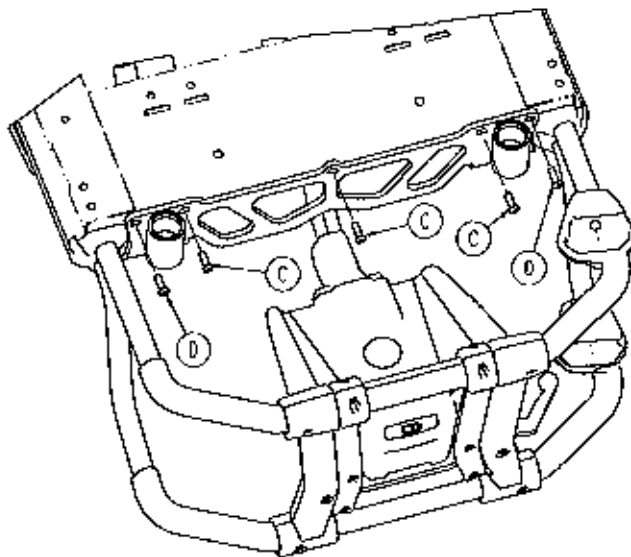
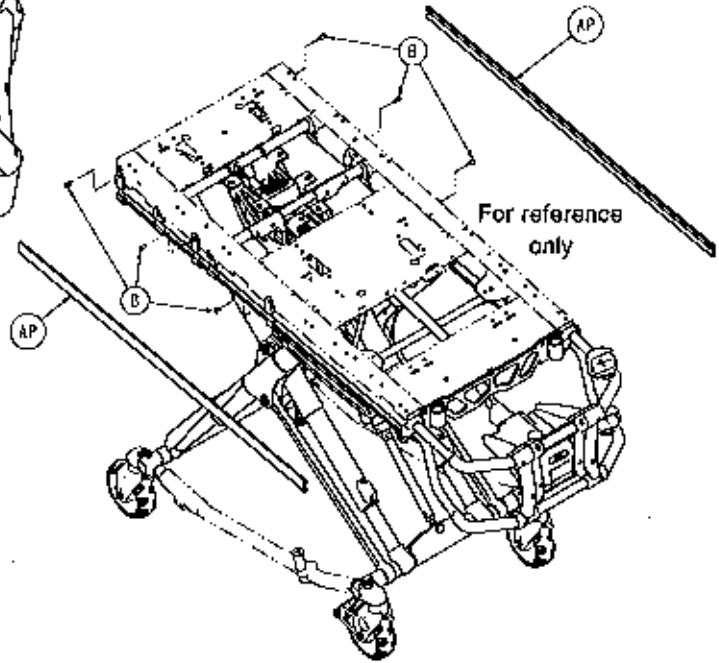
Cot Assembly



Cot Assembly

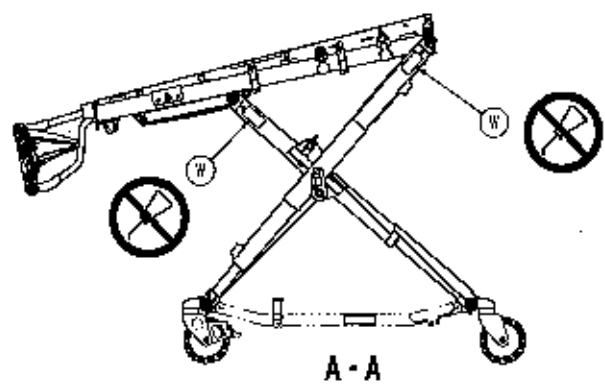
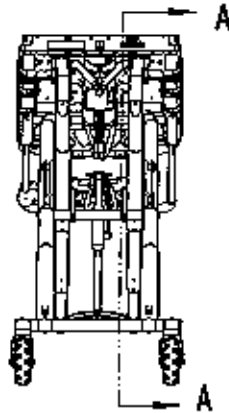
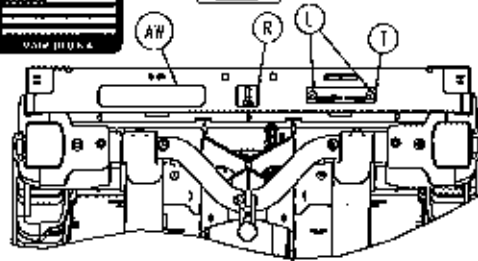
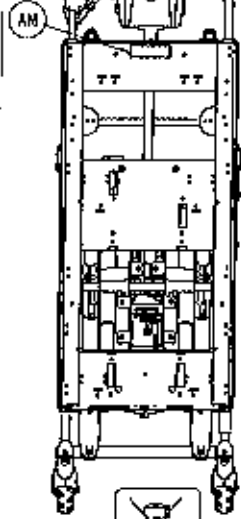


Secure cable to crossmember with item P

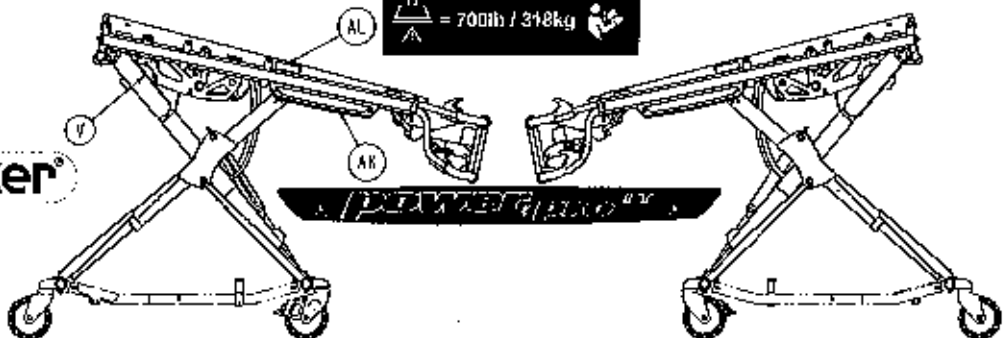


[Return To Table of Contents](#)

Cot Assembly



$\frac{13}{A}$ = 700lb / 318kg



Return To Table of Contents

Cot Assembly

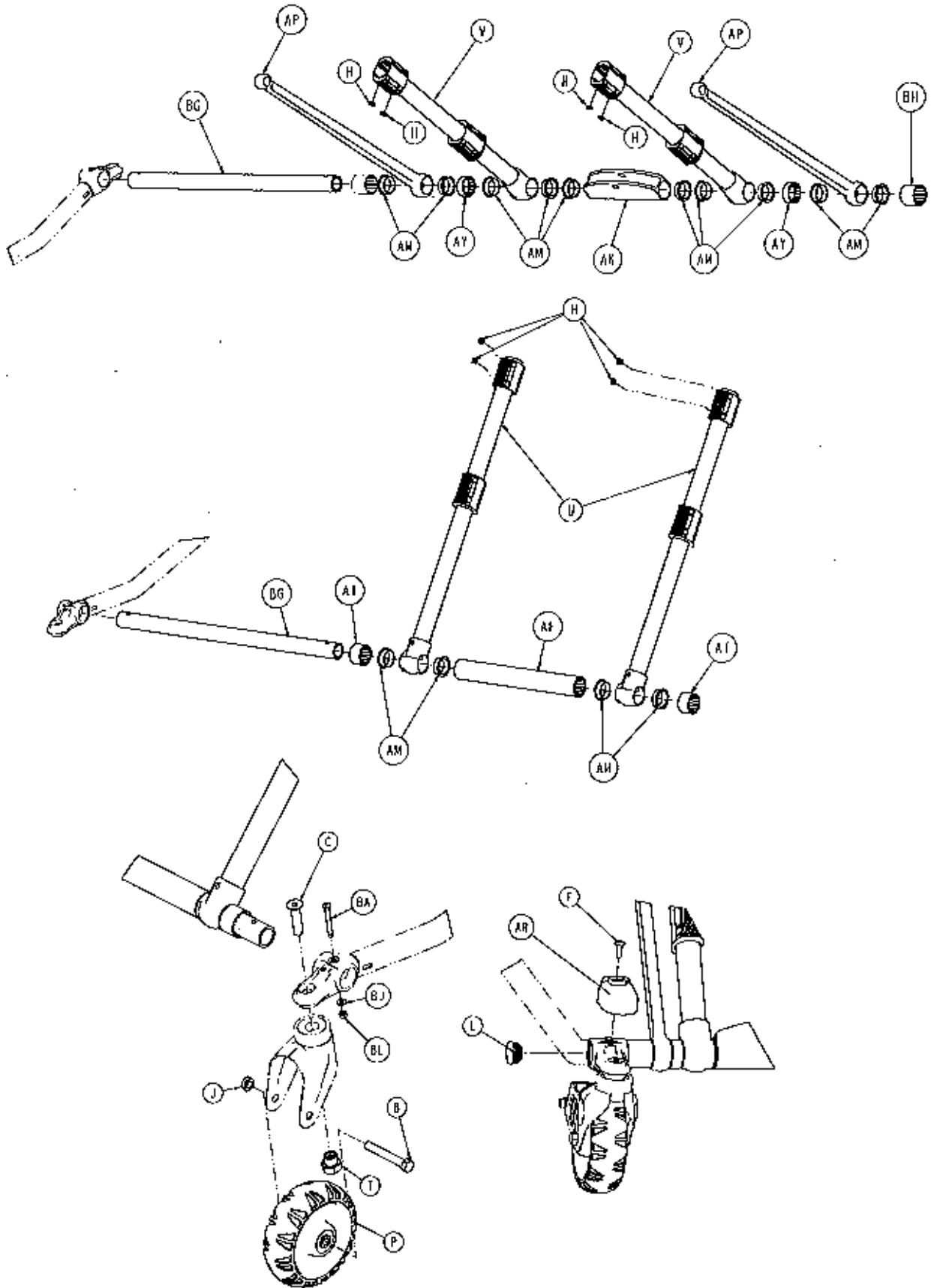
Cot Assembly - 6516-001-010 Rev E (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-517-000	Socket Head Cap Screw	2
B	0004-589-000	Button Head Cap Screw	12
C	0004-592-000	Button Head Cap Screw	15
D	0004-593-000	Button Head Cap Screw	2
E	0008-030-000	Socket Head Set Screw	2
F	0011-013-000	Washer	1
G	0016-002-000	Fiberlock Hex Nut	2
H	0016-028-000	Fiberlock Hex Nut	4
J	0016-035-000	Nylock Hex Nut	1
K	0016-102-000	Nylock Hex Nut	5
L	0025-079-000	Rivet, Dome Head	2
M	0025-133-000	Rivet, Dome Head	8
N	0038-574-000	Crest-To-Crest Spring	2
P	0059-211-000	Nylon Cable Tie	2
R	2030-009-901	Label, WEEE	1
T	6060-090-002	Serial Number Tag	1
V	6082-090-043	Label, 11"	2
W	6252-101-139	Label, Do Not Lubricate	4
Y	6500-001-017	Magnet Slider	1
AA	6500-001-123	Hall Effects Slider	1
AB	6500-001-127	Outer Rail Bumper	2
AC	6500-001-128	Spacer	2
AD	6500-001-168	Rod Attachment Pin	1
AE	6500-001-195	Motor Mount Casting	2
AF	6500-001-198	Litter Cross Brace	1
AG	6500-102-015	Foot End Assembly (page 119)	1
AH	6506-001-012	Base Assembly (page 98)	1
AJ	6510-001-013	Cross Brace Assembly (page 124)	1
AK	6510-101-116	Label, Power-PRO™ IT	2
AL	6510-101-117	Label, Weight Capacity	2
AM	6510-101-121	Label, Warning	1
AN	6510-001-126	Bracket, Tie Down, Head End, Right	1
AP	6510-001-127	Bracket, Tie Down, Head End Left	1
AR	6510-101-052	Socket Weldment	1
AT	6516-001-014	Powerplant Assembly (page 117)	1
AU	6516-001-027	Outer Rail Subassembly, Right (page 113)	1
AV	6516-001-028	Outer Rail Subassembly, Left (page 114)	1
AW	6516-101-100	Label, Power-PRO™ IT Specification	1
BA	6500-002-195	Collar	1
BB	0004-594-000	Button Head Cap Screw	2

[Return To Table of Contents](#)

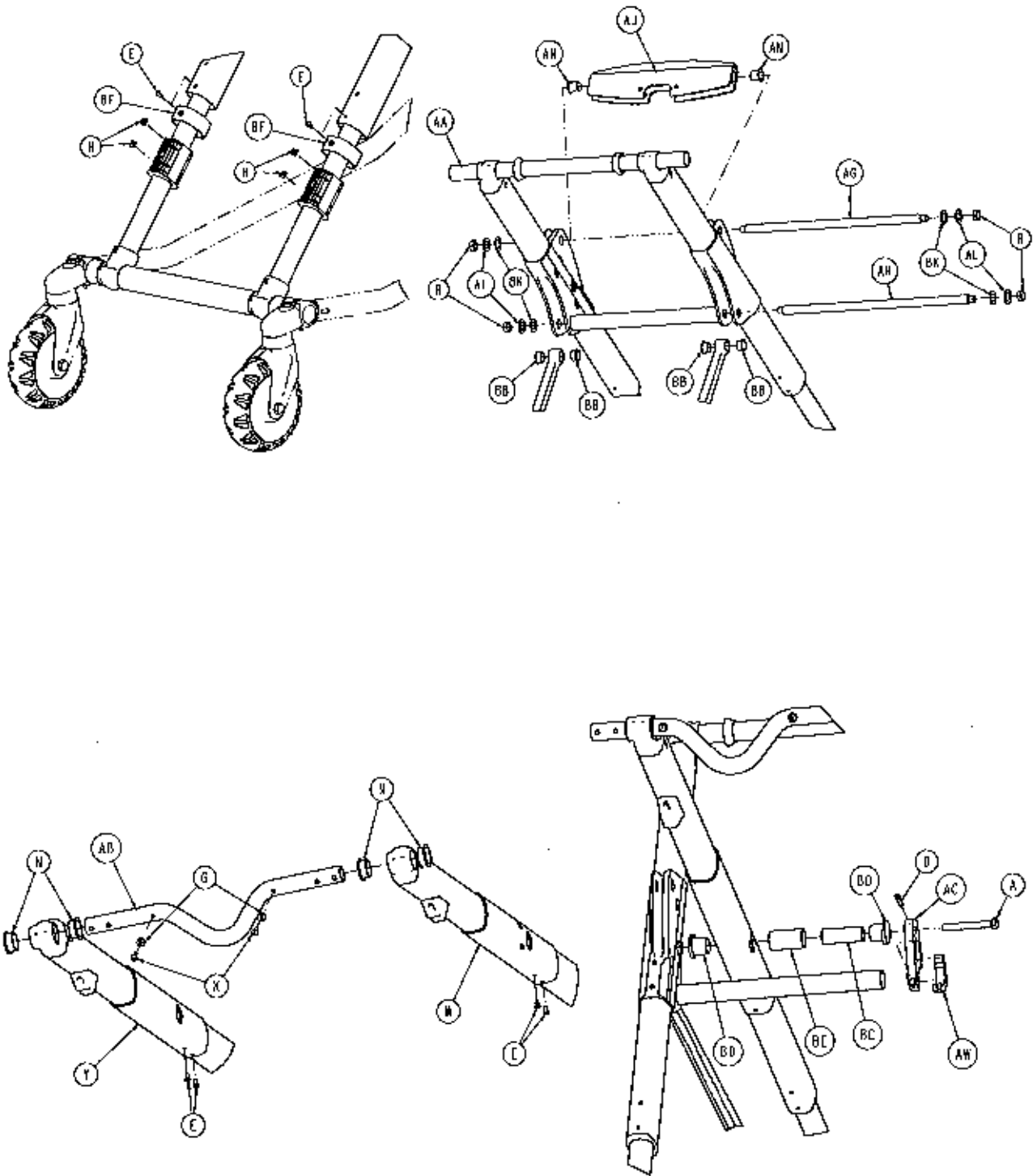
Base Assembly

6506-001-012 Rev A (Reference Only)



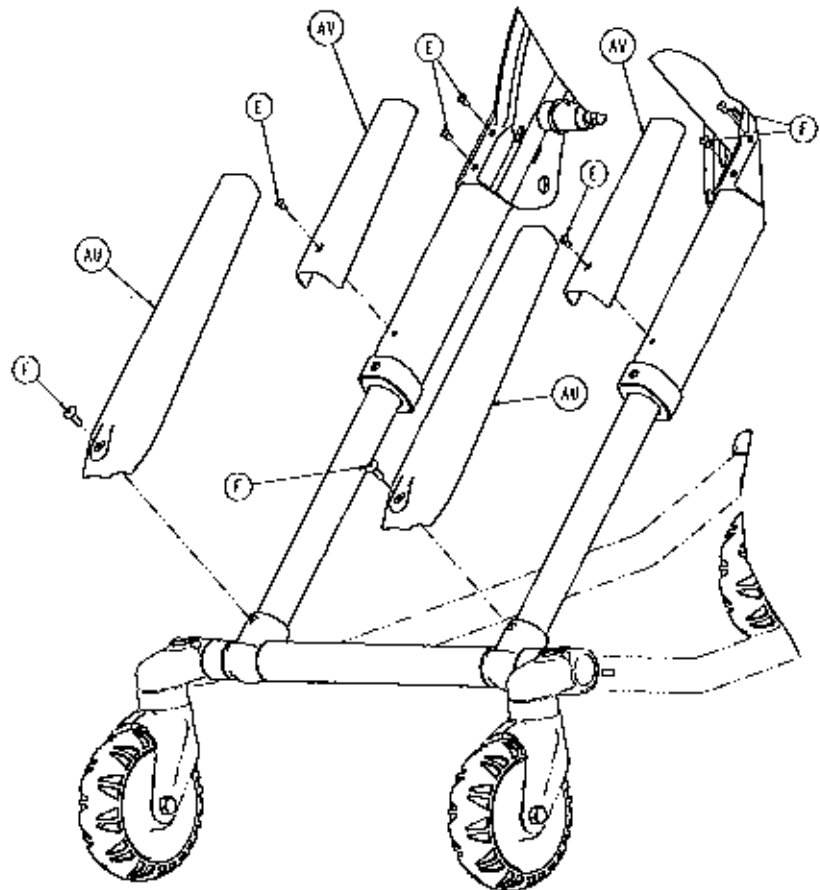
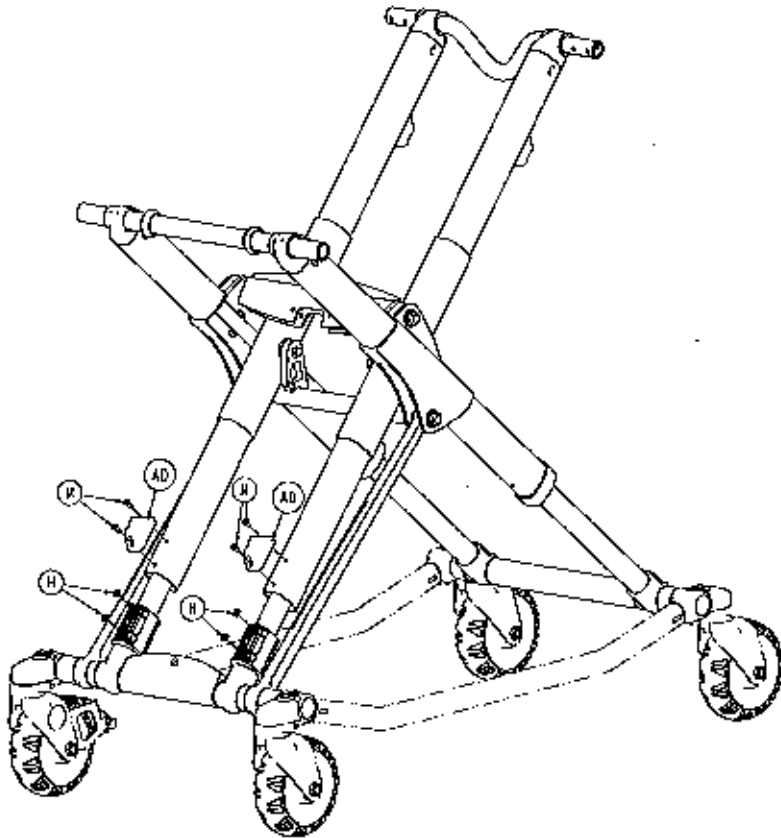
[Return To Table of Contents](#)

Base Assembly



[Return To Table of Contents](#)

Base Assembly



Base Assembly

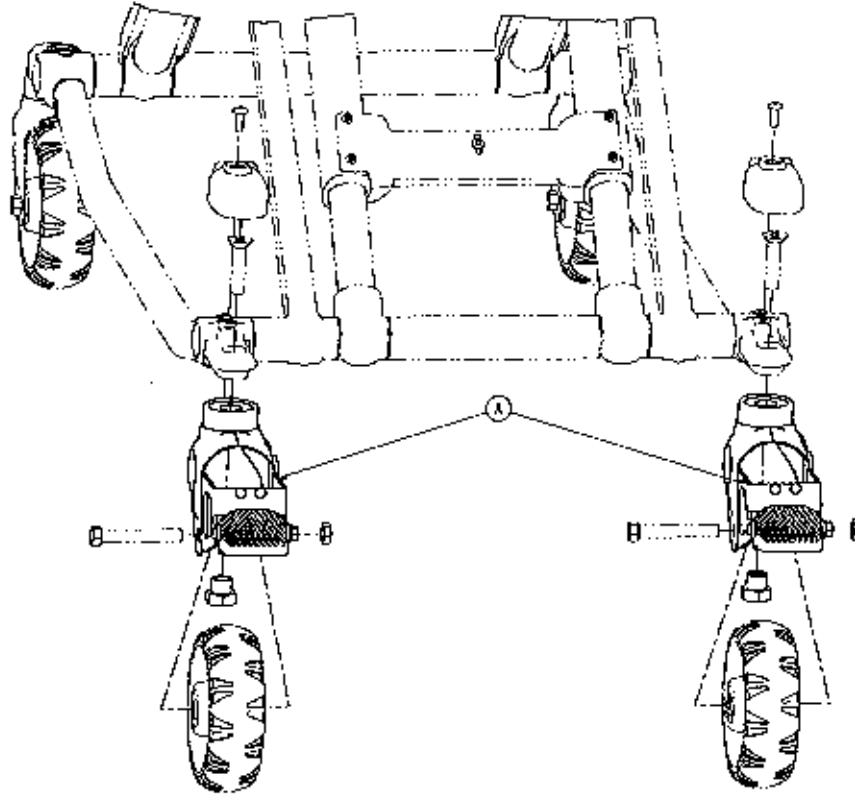
Base Assembly - 6506-001-012 Rev A (Reference Only)

Item	Part No.	Part Name	Qty.
A	0003-388-000	Hex Head Cap Screw	2
B	0003-205-000	Hex Head Cap Screw	4
C	0004-319-000	Flat Head Socket Screw	4
D	0004-859-000	Socket Head Cap Screw	2
E	0004-587-000	Button Head Cap Screw	12
F	0007-086-000	Truss Head Screw	6
G	0014-115-000	Washer	2
H	0016-051-000	Square Nut	18
J	0016-060-000	Toplock Hex Jam Nut	4
K	0025-133-000	Dome Head Rivet	10
L	0037-083-000	Tube Plug	4
M	0004-834-000	Button Head Cap Screw	4
N	0081-244-000	Flange Bearing	4
P	6060-002-010	Molded Wheel Assembly (page 105)	4
R	0016-049-000	Nylock Hex Nut	4
T	8090-001-009	Caster Nut	4
U	6500-301-021	Outer Lift Tube Assembly (page 109)	2
V	6500-301-022	Inner Lift Tube Assembly (page 110)	2
W	6500-001-034	Inner Lift Tube Assembly, Litter Pivot, Right (page 111)	1
Y	6500-001-035	Inner Lift Tube Assembly, Litter Pivot, Left (page 112)	1
AA	6500-001-056	Inner Tube Base Frame	1
AB	6500-001-090	Cross Tube, Head End	1
AC	6500-001-308	Base Strap, Right	1
AD	6500-001-125	Base Dead Stop	2
AE	6500-001-309	Base Strap, Left	1
AF	6500-001-129	Plastic Extrusion Spacer	1
AG	6500-001-171	Cross Tube Cylinder Mount	1
AH	6500-001-182	Cross Tube Stiffener Bar	1
AJ	6500-001-164	Cylinder Mount Pivot, Top	1
AK	6500-001-165	Cylinder Mount Pivot, Bottom	1
AL	6500-001-225	"D" Washer	4
AM	6500-001-166	Flange Bearing	14
AN	6500-001-157	Flange Bearing	2
AP	6500-001-172	Support Link	2
AR	6500-001-177	Caster Mount Cover	1
AT	6500-001-178	Plastic Extrusion Spacer	2
AU	6500-001-179	Top X-Frame Guard, Lower	2
AV	6500-001-180	Top X-Frame Guard, Upper	2
AW	6500-001-310	Base Strap Clamp	2
AY	6500-001-183	Plastic Extrusion Spacer	2
BA	6085-001-097	Caster Mount Bolt	4
BB	6500-001-162	Flange Bearing	4
BC	6500-001-341	Base Tube Pivot Post	2
BD	6500-001-226	Base Tube Pivot Bearing	4
BE	6500-001-227	Base Tube Pivot Post	2
BF	6500-001-228	Inner Lift Tube Sleeve	2
BG	6500-001-229	Foot Base Tube	2
BH	6500-001-230	Plastic Extrusion Spacer	1
BJ	0014-002-000	Flat Washer	4
BK	0014-040-000	Flat Washer	4
BL	0016-002-000	Fiberlock Nut	4

[Return To Table of Contents](#)

Dual Wheel Lock Option

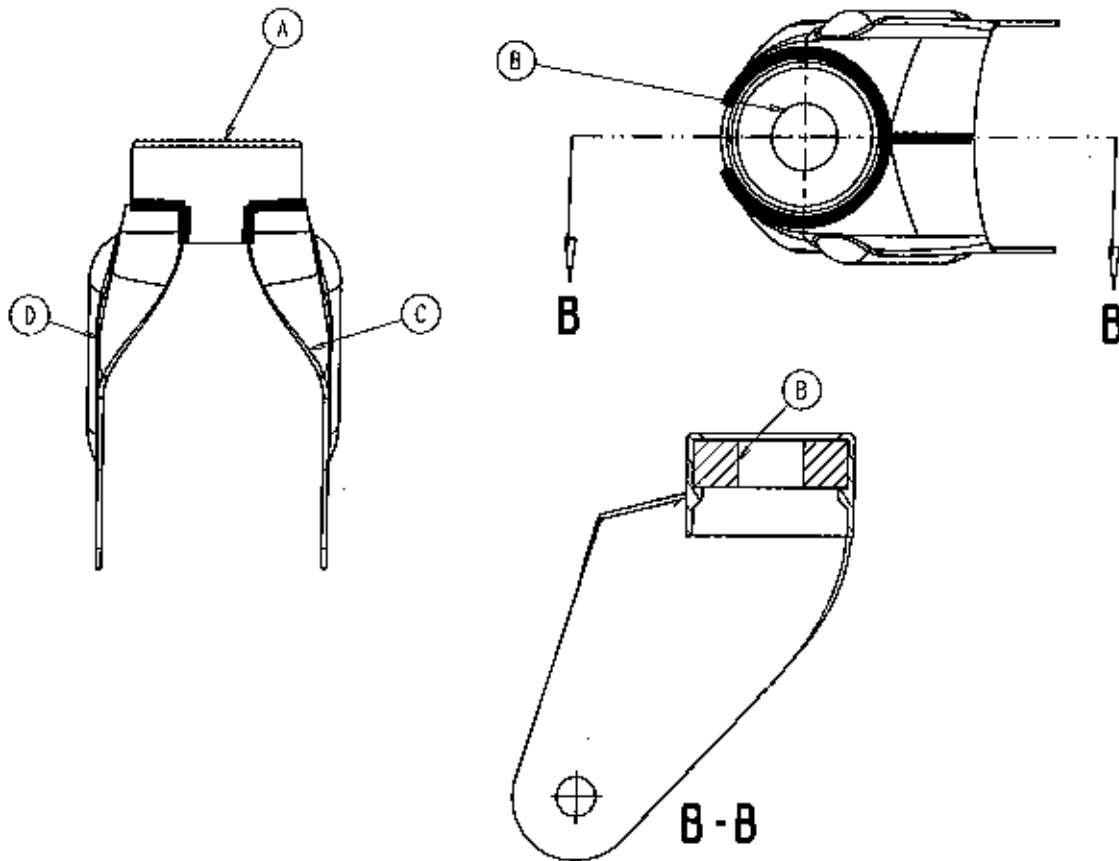
6086-602-010 Rev A (Reference Only)



Item	Part No.	Part Name	Qty.
A	6086-200-010	Adjustable Caster Lock Assembly (page 104)	2

Caster Horn Assembly

6082-002-012 Rev C (Reference Only)

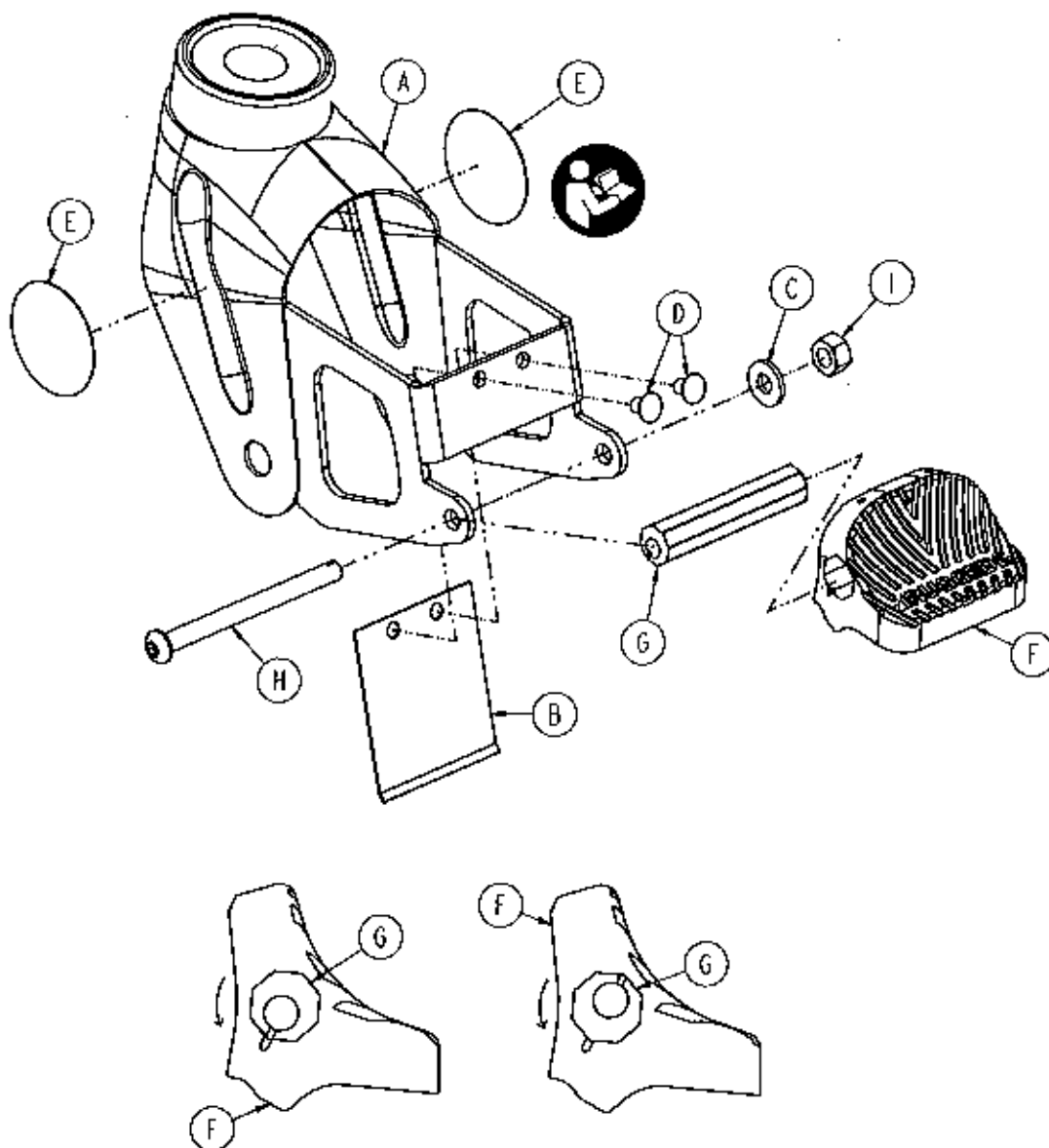


Item	Part No.	Part Name	Qty.
A	6082-002-039	Bearing Retainer	1
B	0081-227-000	Bearing	1
C	6082-002-042	Caster Horn Plate, Left	1
D	6082-002-043	Caster Horn Plate, Right	1

[Return To Table of Contents](#)

Adjustable Caster Lock Assembly

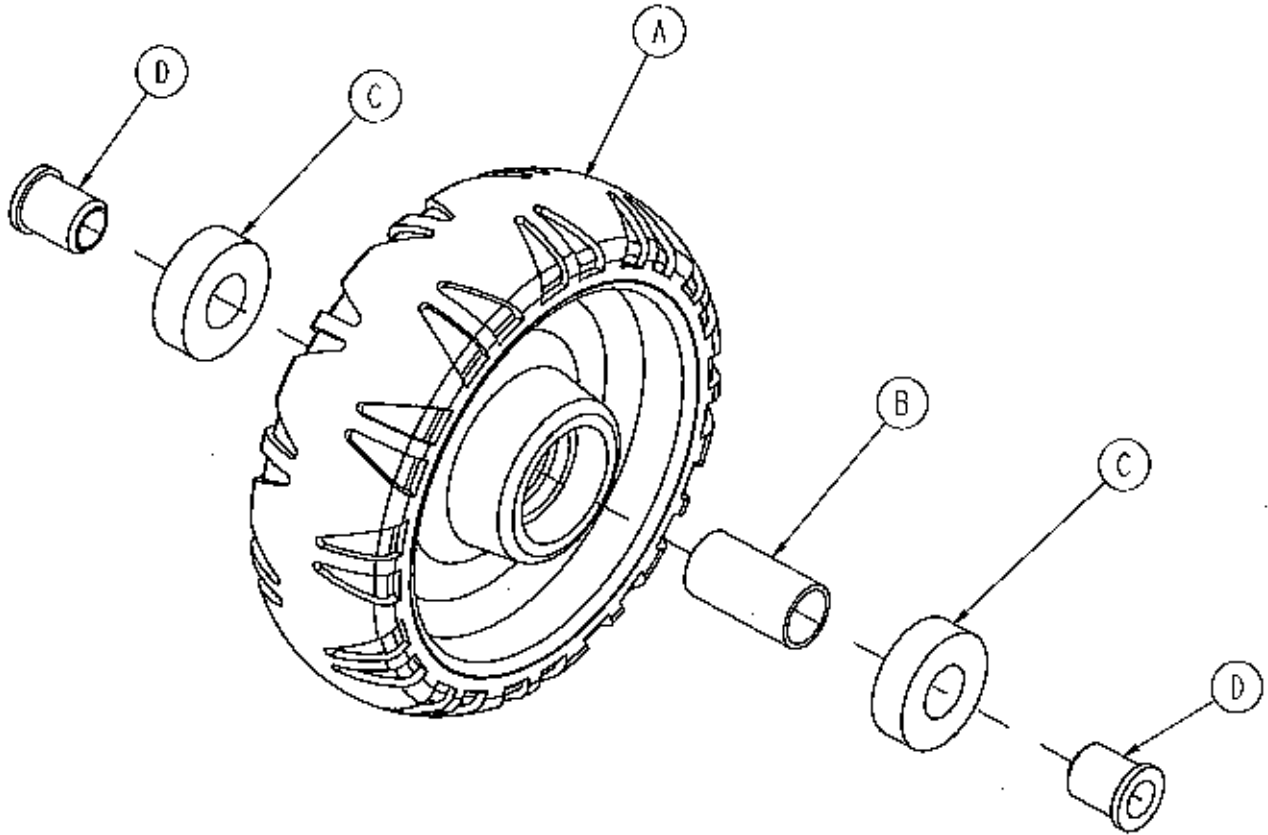
6086-200-010 Rev A (Reference Only)



Item	Part No.	Part Name	Qty.
A	6082-100-012	Caster Horn	1
B	6080-100-032	Spring	1
C	0011-456-000	Washer	1
D	0025-153-000	Semi-Tubular Rivet	2
E	6508-001-900	Label	2
F	6080-300-030	Pedal, Adjustable Caster Lock	1
G	6080-200-041	Octagonal Sleeve, Adj Caster Lock	1
H	0004-098-000	Hex Socket Button Head Cap Screw	1
I	0016-118-000	Centerlock Nut	1

Wheel Assembly - 6060-002-010

Rev B

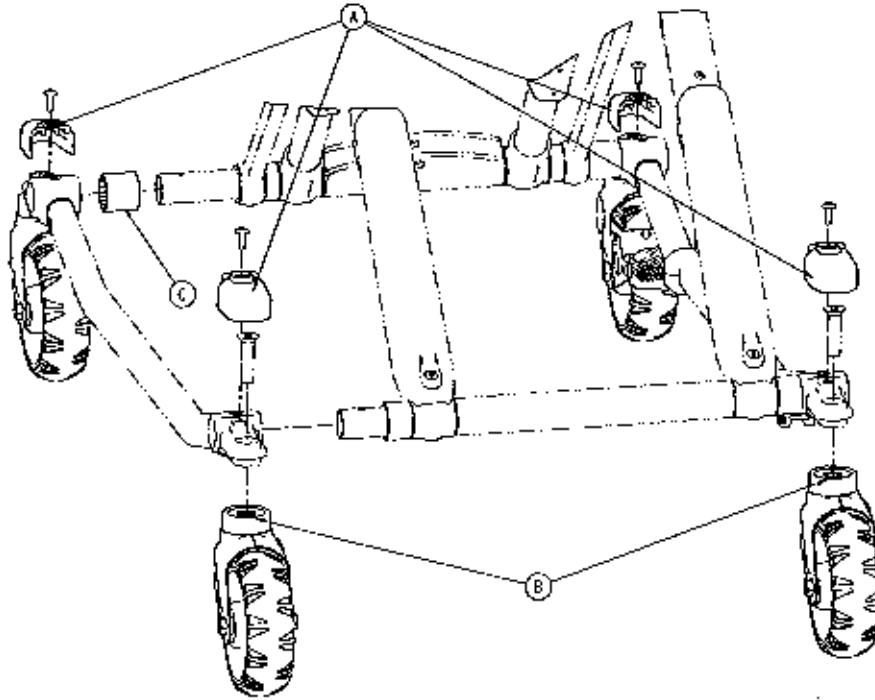


Item	Part No.	Part Name	Qty.
A	6060-002-045	6" Molded Wheel	1
B	6060-002-046	Bearing Spacer	1
C	0081-228-000	Bearing	2
D	0715-001-255	Wheel Bushing	2

[Return To Table of Contents](#)

No Steer-Lock Option

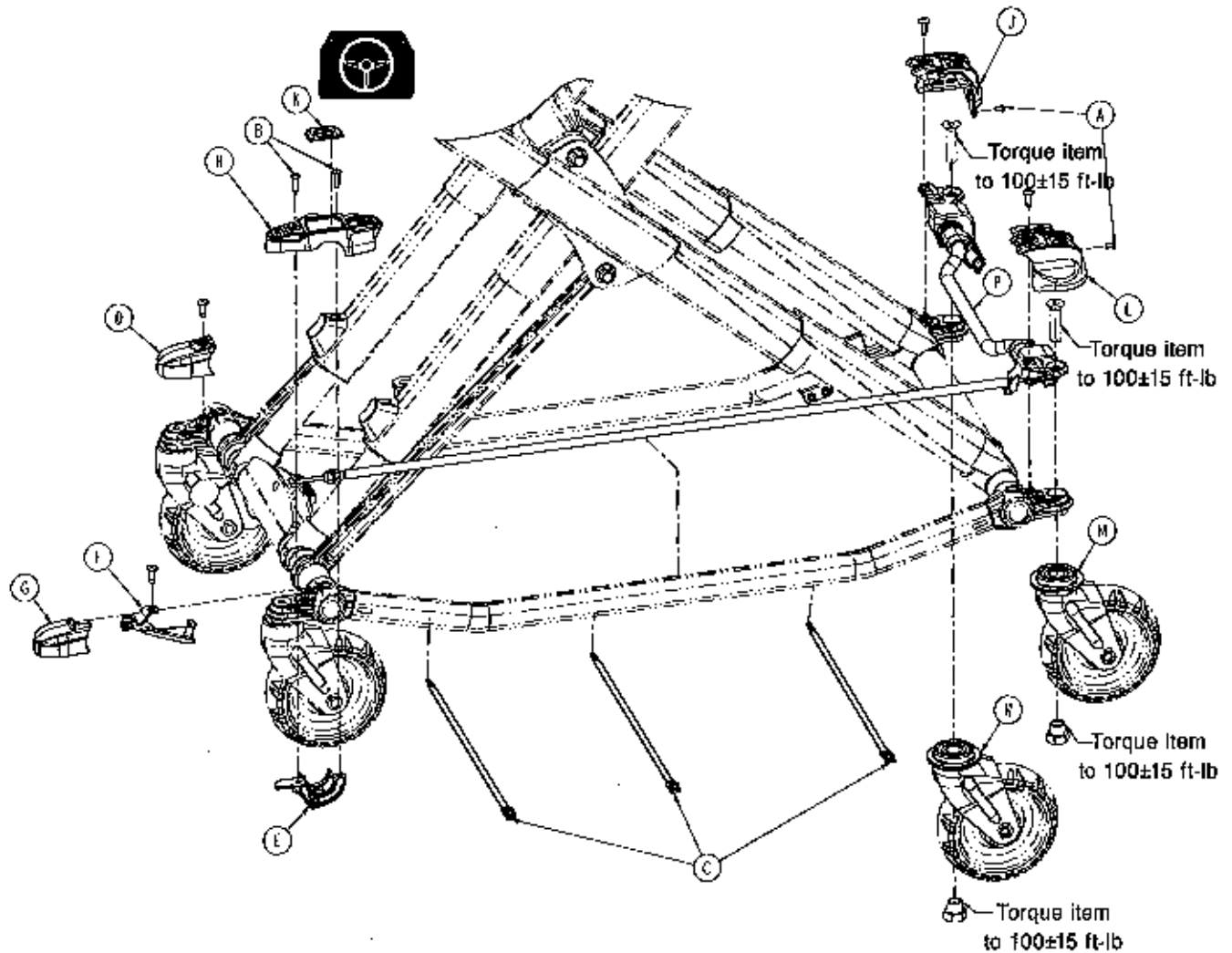
6506-037-000 Rev A (Reference Only)



Item	Part No.	Part Name	Qty.
A	6500-001-177	Caster Mount Cover	4
B	6082-002-012	Caster Horn Assembly (page 103)	2
C	6500-001-230	Plastic Extrusion - Spacer	1

Optional Steer-Lock - 6506-038-000

Rev A

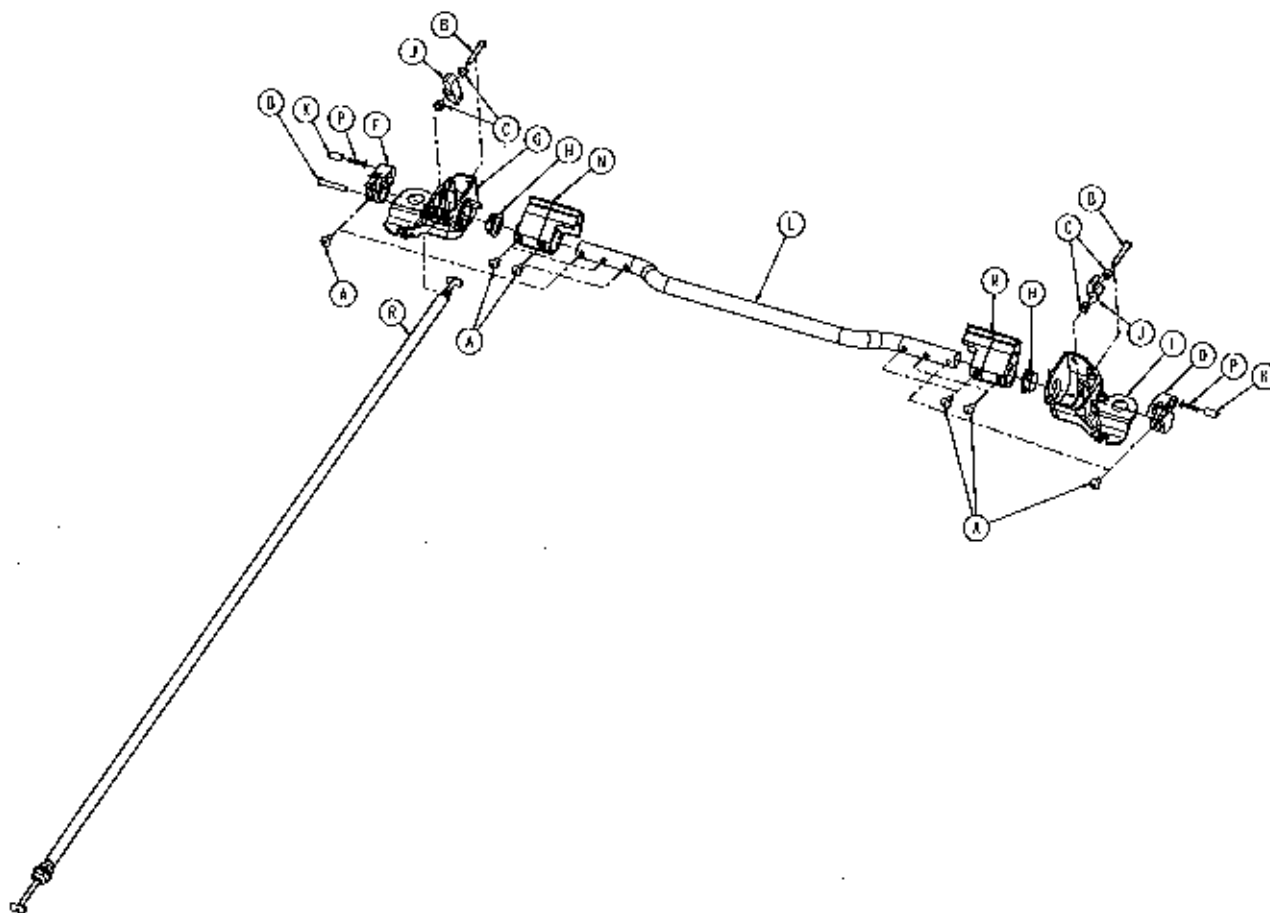


Item	Part No.	Part Name	Qty.
A	0004-587-000	Button Head Cap Screw	2
B	0004-582-000	Button Head Cap Screw	2
C	0059-211-000	Cable Tie	3
D	6500-001-177	Caster Mount Cover	1
E	6500-002-243	Steer-Lock Pedal Collar, Foot End	1
F	6500-002-244	Steer-Lock Cable Support Bracket	1
G	6500-002-245	Caster Mount Cover	1
H	6500-002-246	Steer-Lock Overmolded Pedal, Foot End	1
J	6500-002-247	Steer-Lock Housing Cover, Head End	1
K	6500-002-248	Label, Steer-Lock Pedal, Foot End	1
L	6500-002-249	Steer-Lock Housing Cover, Head End	1
M	6500-002-255	Steer-Lock Caster Horn Welmant, Left	1
N	6500-002-260	Steer-Lock Caster Horn Welmant, Right	1
P	6506-002-265	Steer-Lock Sub Assembly, Head End (page 108)	1

[Return To Table of Contents](#)

Steer-Lock Subassembly, Head End

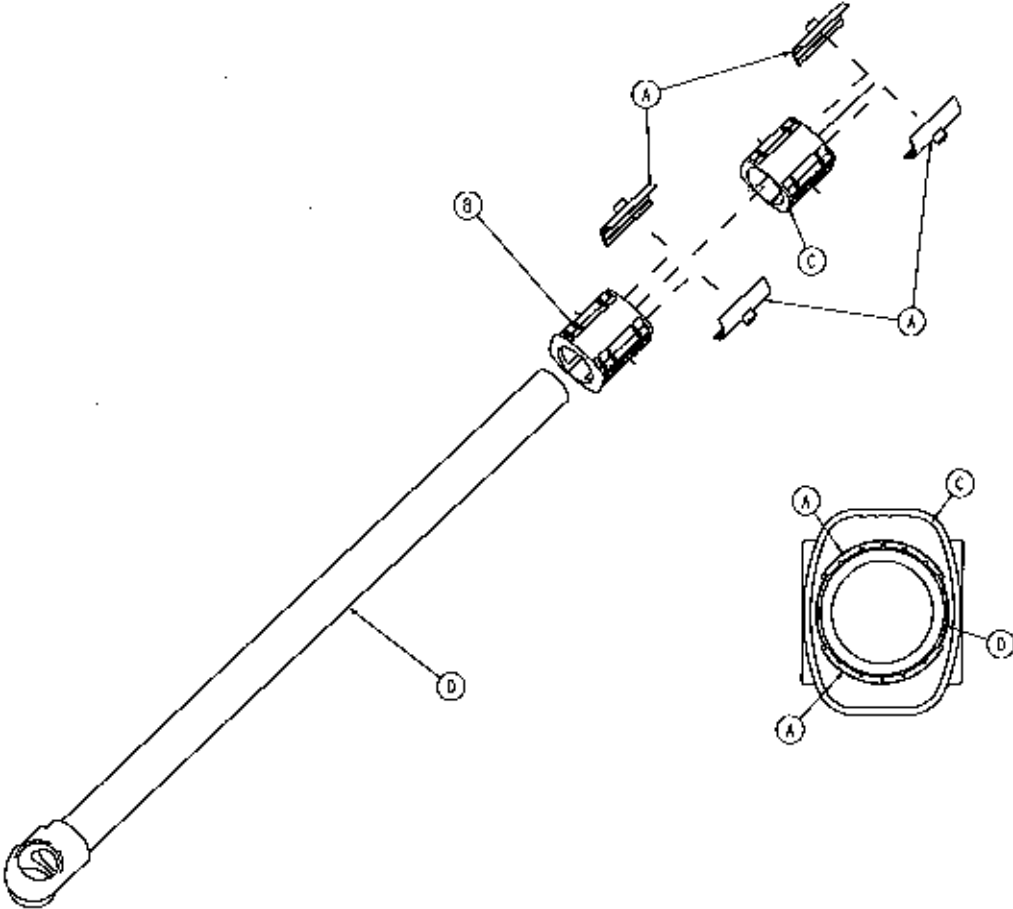
6506-002-265 Rev A (Reference Only)



Item	Part No.	Part Name	Qty.
A	0025-079-000	Dome Head Rivet	6
B	0027-036-000	Slot Pin	3
C	0081-347-000	Flange Bearing	4
D	6500-002-230	Steer-Lock Plunger Housing	1
E	6500-002-231	Steer-Lock Plunger Housing	1
F	6500-002-234	Steer-Lock Mechanism Housing	1
G	6500-002-235	Steer-Lock Mechanism Housing	1
H	6500-002-236	Steer-Lock Custom Flange Bushing	2
J	6500-002-237	Steer-Lock Lock Pawl	2
K	6500-002-238	Steer-Lock Plunger Button	2
L	6500-002-240	Steer-Lock Cross Tube	1
M	6500-002-241	Steer-Lock Pedal, Head End	1
N	6500-002-251	Steer-Lock Pedal, Head End	1
P	6500-002-252	Compression Spring	2
R	6500-002-250	Steer-Lock Push-Pull Flex Rod Assembly	1

Outer Lift Tube Assembly, Base Pivot - 6500-301-021

Rev A

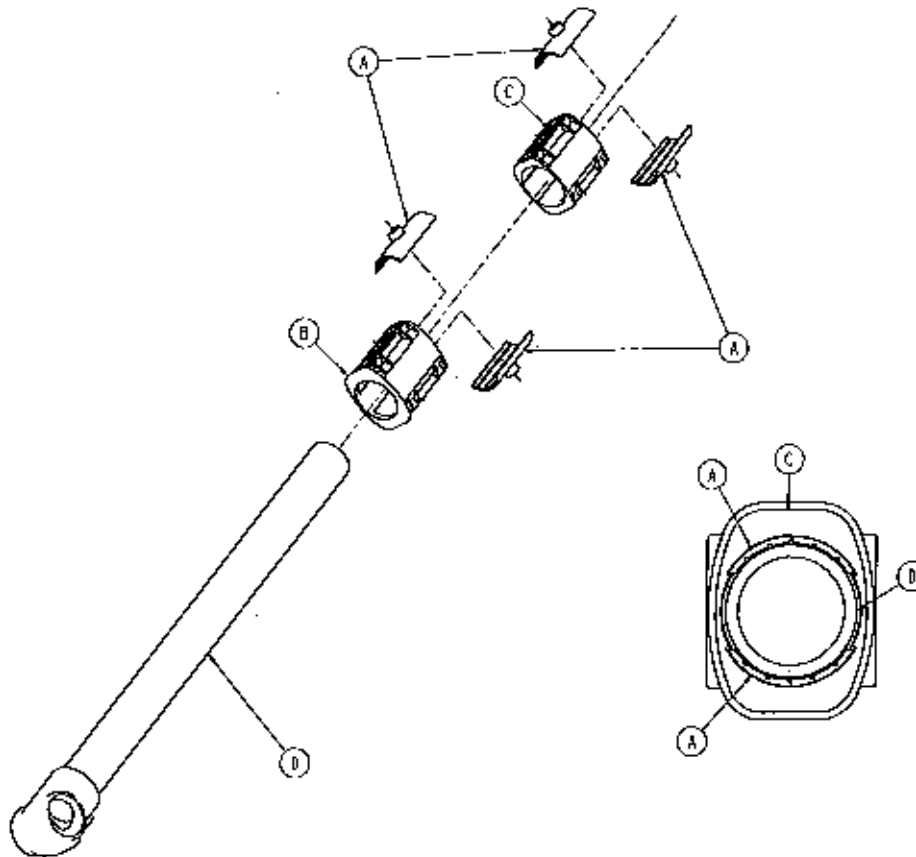


Item	Part No.	Part Name	Qty.
A	6500-001-327	Half Shell Bearing	4
B	6500-001-328	Bearing Carrier, Lower	1
C	6500-001-329	Bearing Carrier, Middle	1
D	6500-301-050	Outer Lift Tube Weldment	1

[Return To Table of Contents](#)

Inner Lift Tube Assembly, Base Pivot - 6500-301-022

Rev B

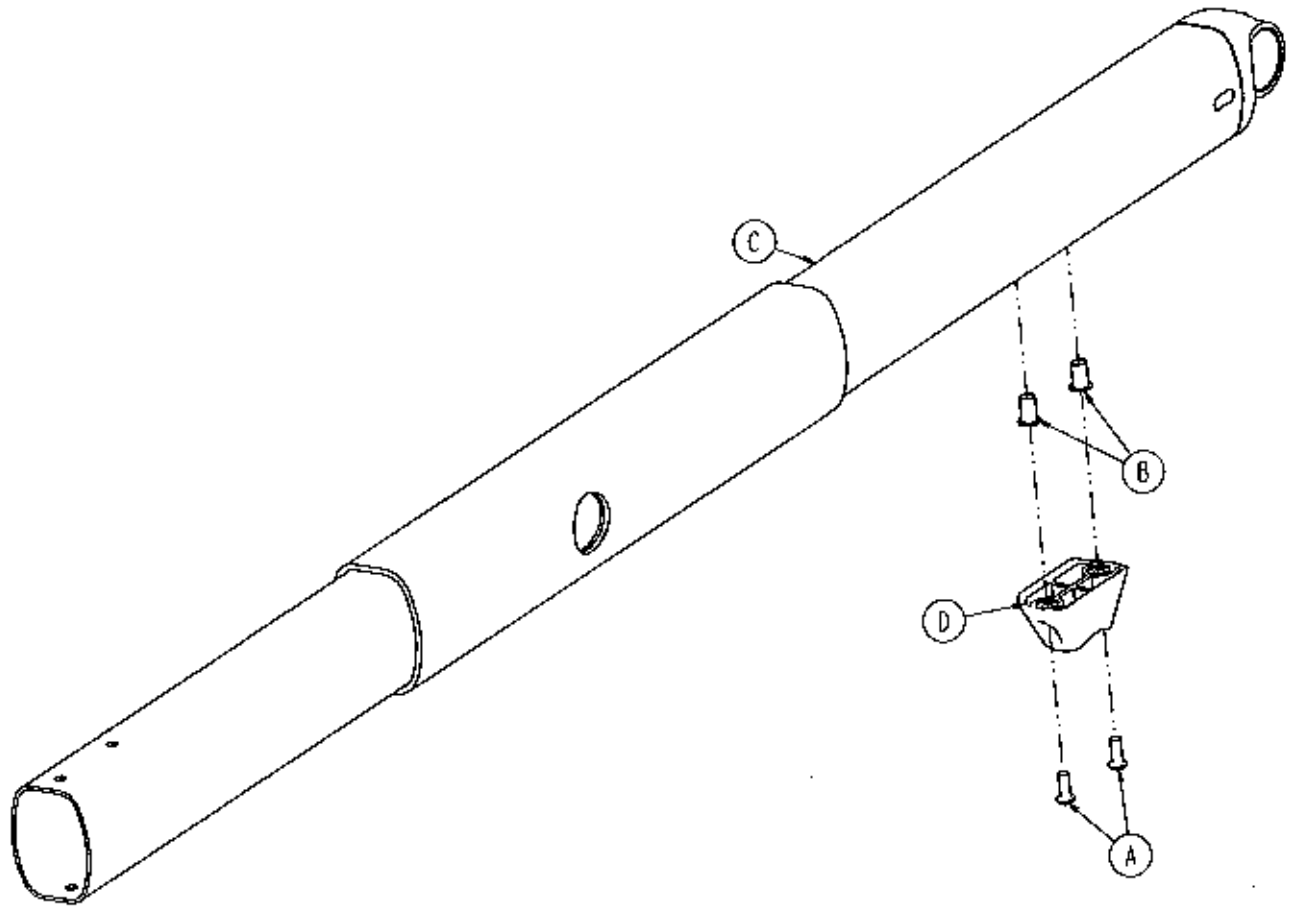


Item	Part No.	Part Name	Qty.
A	6500-001-327	Half Shell Bearing	4
B	6500-001-328	Bearing Carrier, Lower	1
C	6500-001-329	Bearing Carrier, Middle	1
D	6500-301-051	Lift Tube Weldment, Base Pivot	1

Inner Lift Tube, Litter Pivot - 6500-001-034

Patient Right Assembly

Rev F



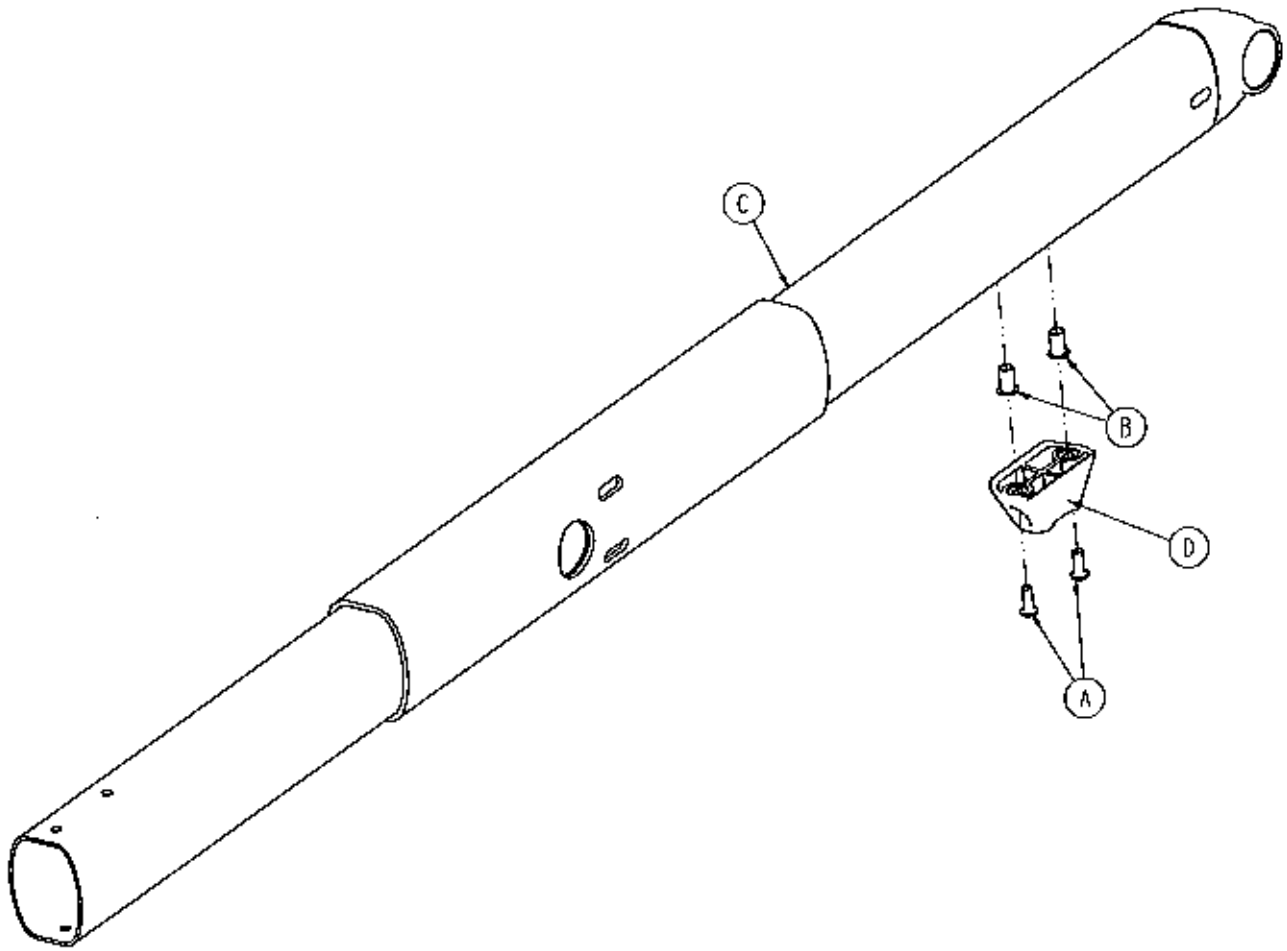
Item	Part No.	Part Name	Qty.
A	0004-834-000	Button Head Cap Screw	2
B	0055-100-075	Nut	2
C	6500-001-355	Inner Lift Tube Weldment	1
D	6500-001-125	Dead Stop	1

[Return To Table of Contents](#)

Inner Lift Tube, Litter Pivot - 6500-001-035

Patient Left Assembly

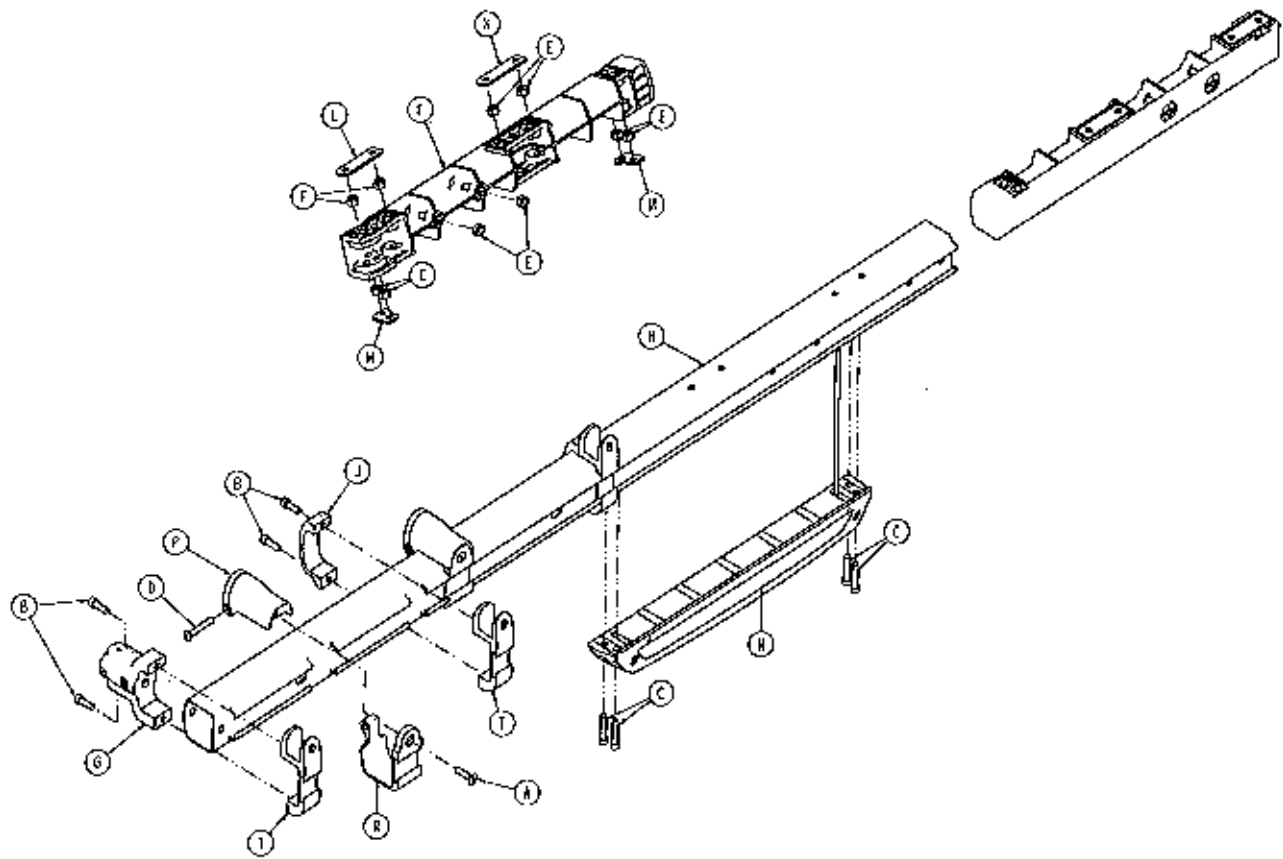
Rev F



Item	Part No.	Part Name	Qty.
A	0004-634-000	Button Head Cap Screw	2
B	0055-100-075	Nut	2
C	6500-301-053	Inner Lift Tube Weldment	1
D	6500-001-125	Dead Stop	1

Outer Rail Subassembly, Right

6516-001-027 Rev B (Reference Only)

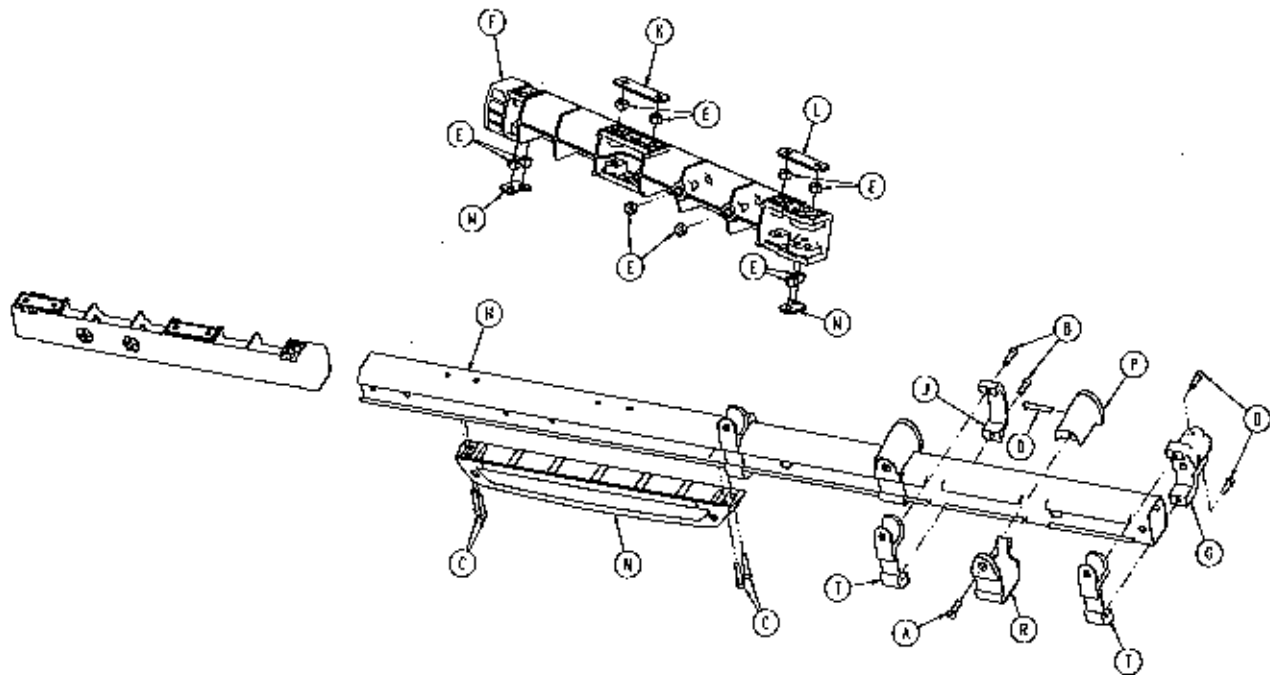


Item	Part No.	Part Name	Qty.
A	0001-004-011	Flat Head Cap Screw	2
B	0004-591-000	Socket Head Cap Screw	6
C	0004-613-000	Socket Head Cap Screw	4
D	0004-848-000	Button Head Cap Screw	2
E	0018-028-000	Fiberlock Hex Nut	10
F	6500-001-098	Dead Stop, Litter, Internal	1
G	6500-001-102	Base/Litter Interface Bracket	1
H	6500-001-114	Outer Rail Extrusion	1
J	6500-001-117	Siderail Clamp	2
K	6500-001-243	I.V. Pole Backer Plate	1
L	6500-001-244	I.V. Clip Backer Plate	1
M	6500-001-245	Sensor Housing Backer Plate	2
N	6500-002-028	Hall Sensor Assembly (page 115)	1
P	6500-002-130	Litter Support Bracket	2
R	6500-002-131	Inner Litter Support Bracket	2
T	6510-001-115	Siderail Bracket	3

[Return To Table of Contents](#)

Outer Rail Subassembly, Left

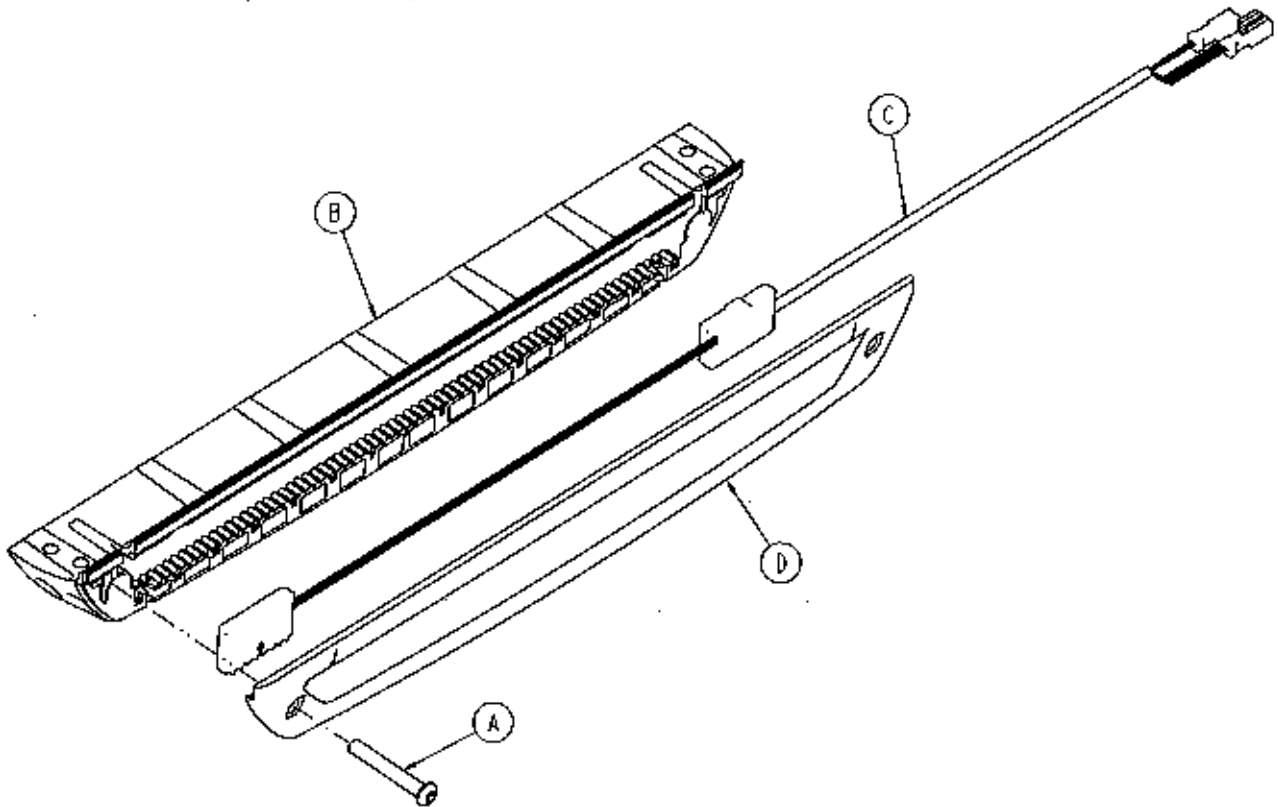
6516-001-028 Rev B (Reference Only)



Item	Part No.	Part Name	Qty.
A	0001-004-011	Flat Head Cap Screw	2
B	0004-591-000	Socket Head Cap Screw	6
C	0004-613-000	Socket Head Cap Screw	4
D	0004-848-000	Button Head Cap Screw	2
E	0016-028-000	Fiberlock Hex Nut	10
F	6500-001-098	Dead Stop, Litter, Internal	1
G	6500-001-102	Base/Litter Interface Bracket	1
H	6500-001-115	Outer Rail Extrusion	1
J	6500-001-117	Siderail Clamp	2
K	6500-001-243	I.V. Pole Backer Plate	1
L	6500-001-244	I.V. Clip Backer Plate	1
M	6500-001-245	Sensor Housing Backer Plate	2
N	6500-002-029	Empty Sensor Housing (page 116)	1
P	6500-002-130	Litter Support Bracket	2
R	6500-002-131	Inner Litter Support Bracket	2
T	6510-001-115	Siderail Bracket	3

Hall Sensor Assembly

6500-002-028 Rev A (Reference Only)

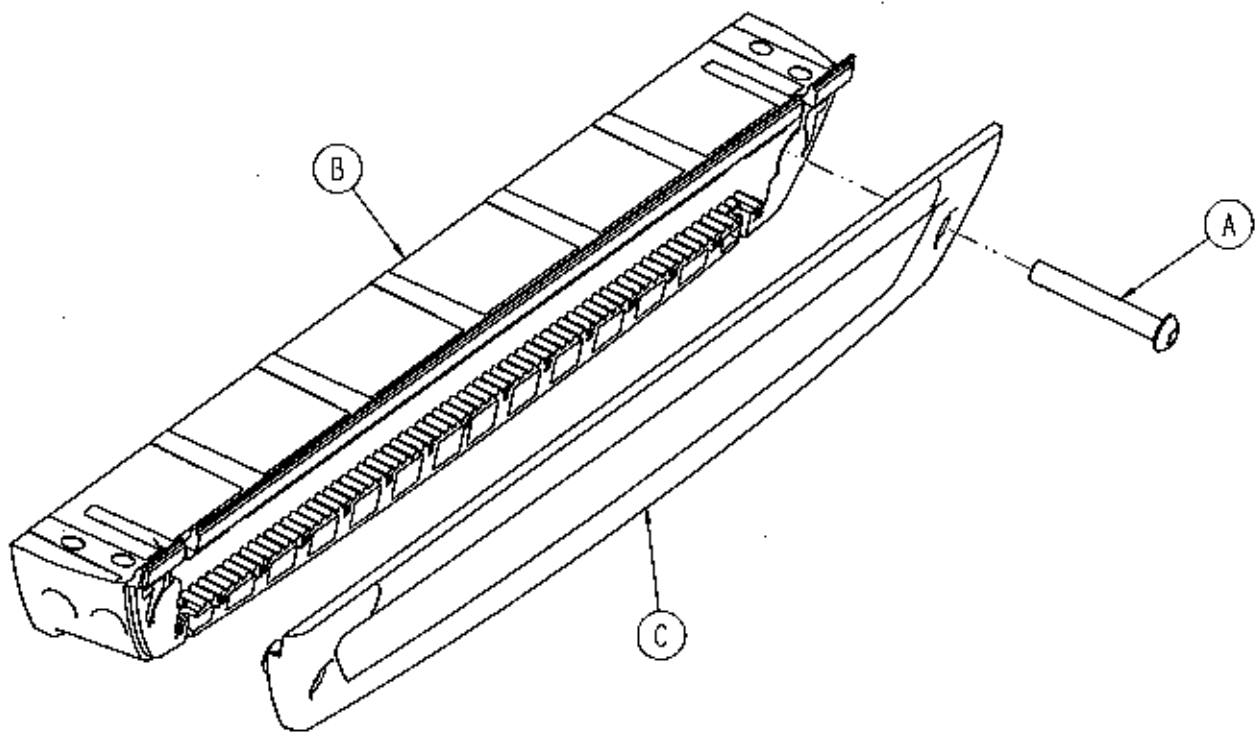


Item	Part No.	Part Name	Qty.
A	0004-598-000	Button Head Cap Screw	1
B	6500-001-124	Sensor Housing	1
C	6500-001-160	Hall Effects Sensor	1
D	6500-001-199	Sensor Housing Cover	1

[Return To Table of Contents](#)

Sensor Housing Assembly

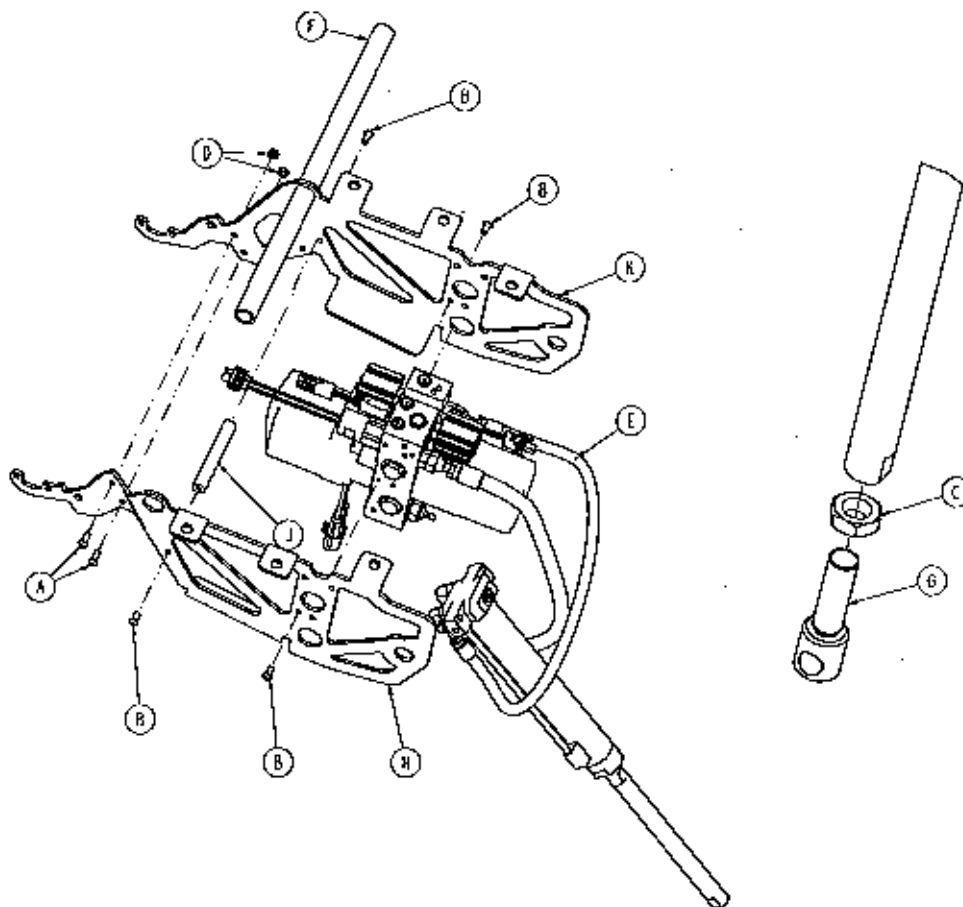
6500-002-029 Rev A (Reference Only)



Item	Part No.	Part Name	Qty.
A	0004-598-000	Button Head Cap Screw	1
B	6500-001-124	Sensor Housing	1
C	6500-001-199	Sensor Housing Cover	1

Powerplant Assembly

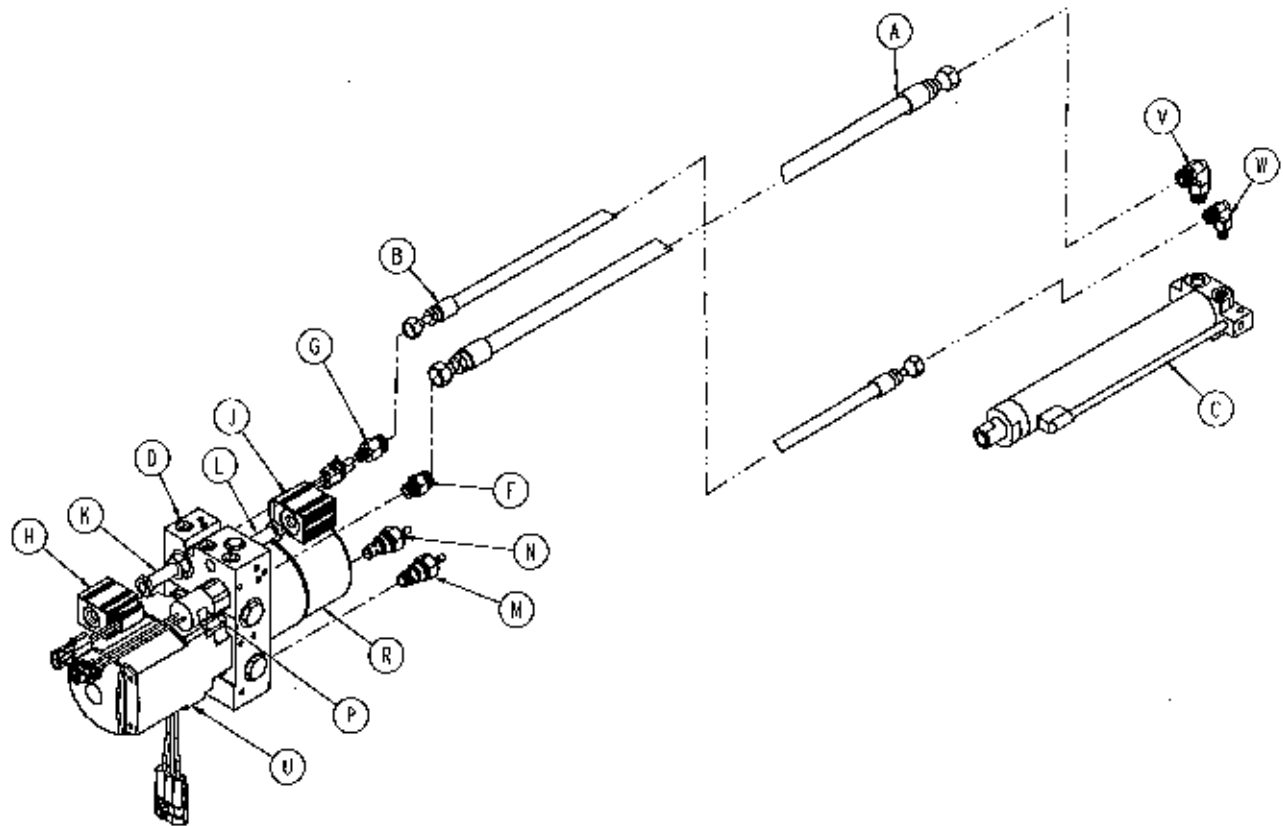
6516-001-014 Rev B (Reference Only)



Item	Part No.	Part Name	Qty.
A	0004-577-000	Button Head Cap Screw	2
B	0004-589-000	Button Head Cap Screw	4
C	0015-052-000	Hex Jam Nut	1
D	0016-102-000	Nylock Hex Nut	2
E	6500-001-030	Hydraulics (page 118)	1
F	6500-001-105	Litter Support Cross Tube	1
G	6500-001-169	Rod End, Cylinder	1
H	6500-002-194	Motor Mount	1
J	6500-001-212	Motor Mount Cross Bar	1
K	6500-002-294	Motor Mount	1

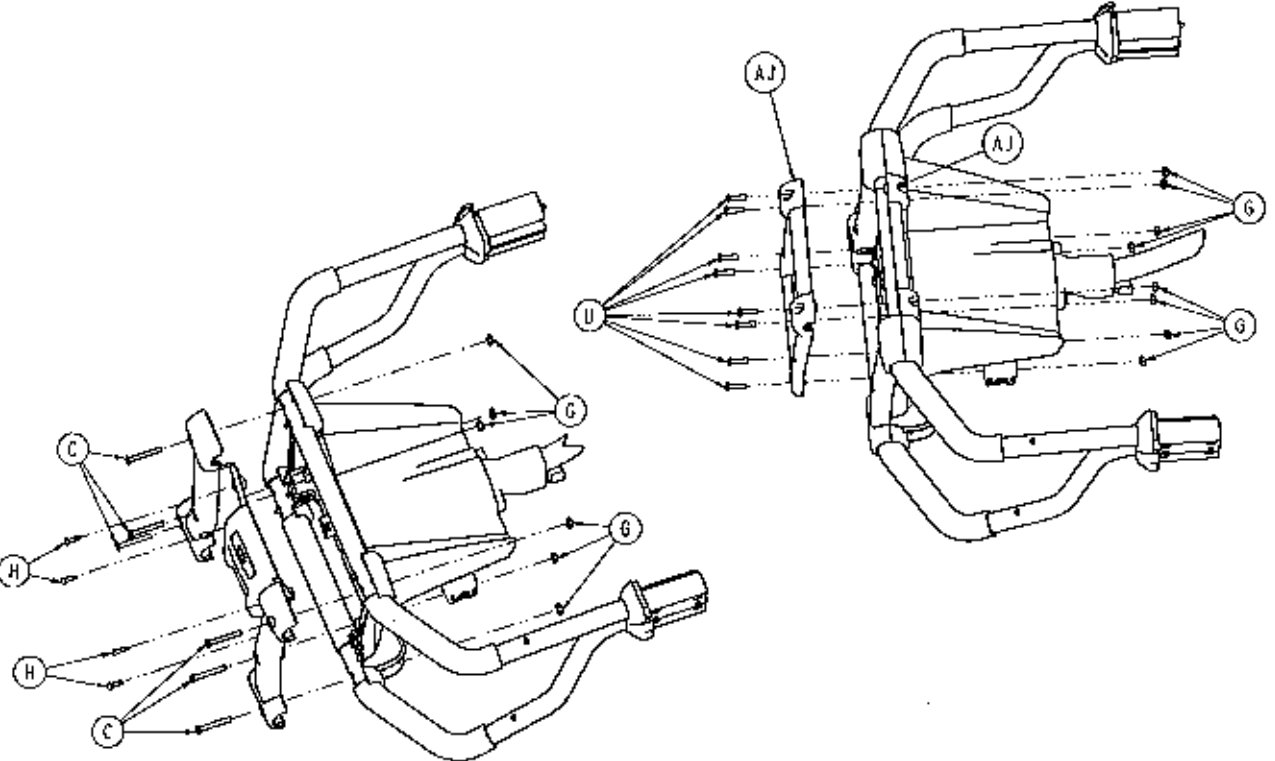
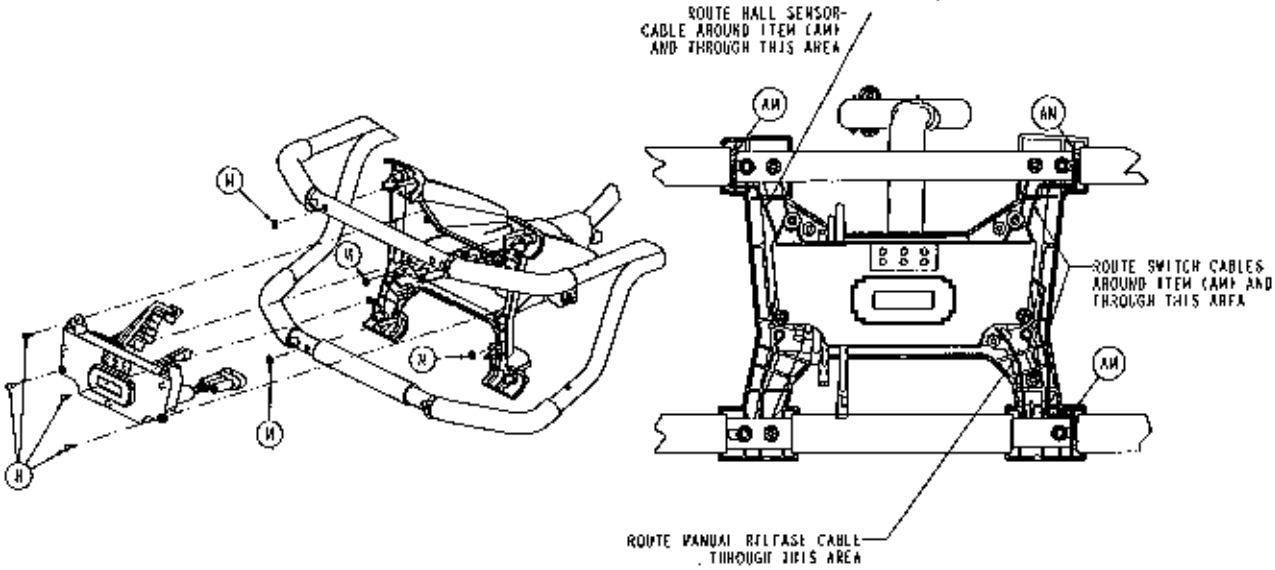
[Return To Table of Contents](#)

Hydraulic Subassembly - 6500-001-030

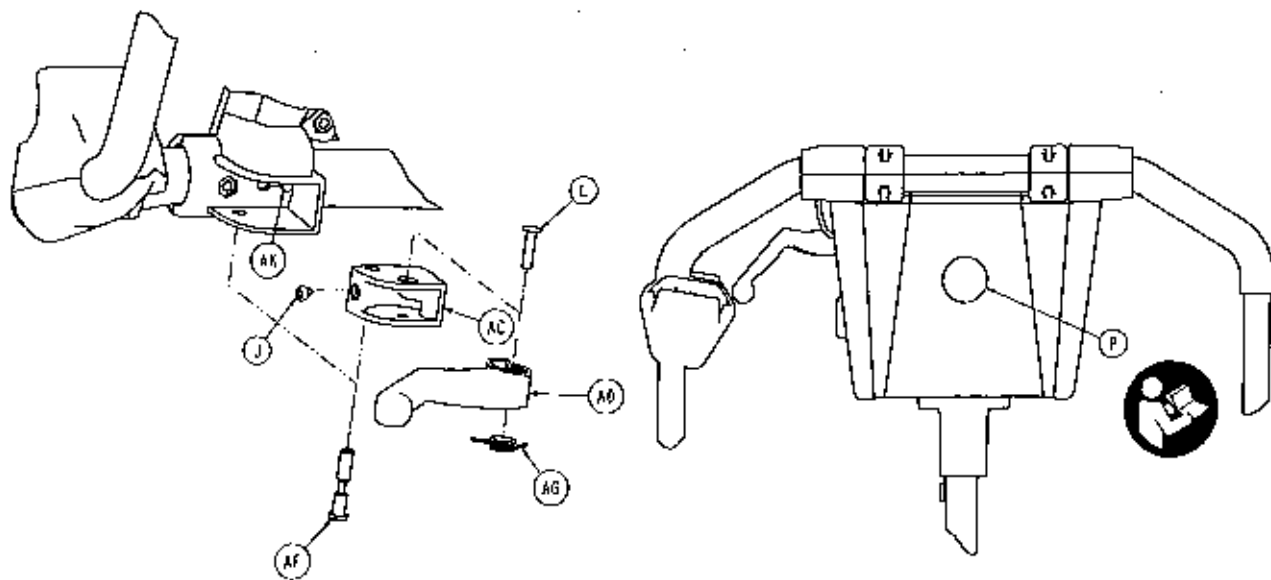


Item	Part No.	Part Name	Qty.
A	6500-001-210	Cap Side Hose	1
B	6500-001-211	Rod Side Hose	1
C	6500-001-213	Cylinder	1
D	6500-001-214	Manifold Assembly	1
E	6500-001-270	Pressure Compensated Flow Control	1
F	6500-001-282	Manifold Cap Side Hose Fitting	1
G	6500-001-283	Manifold Rod Side Hose Fitting	1
H	6500-001-284	A Valve Solenoid	1
J	6500-001-285	B Valve Solenoid	1
K	6500-001-286	A Valve	1
L	6500-001-287	B Valve	1
M	6500-001-288	Locking Manual Valve	1
N	6500-001-289	Non-Locking Manual Valve	1
P	6500-001-290	Pressure Switch	1
R	6500-001-291	Reservoir	1
T	6500-001-293	Hydraulic Fluid	1
U	6500-001-295	Motor	1
V	6500-001-296	Cylinder Cap Side Hose Fitting	1
W	6500-001-297	Cylinder Rod Side Hose Fitting	1
Y	6500-001-299	Hydraulic Fill Plug	1

Foot End Assembly



Foot End Assembly



Foot End Assembly

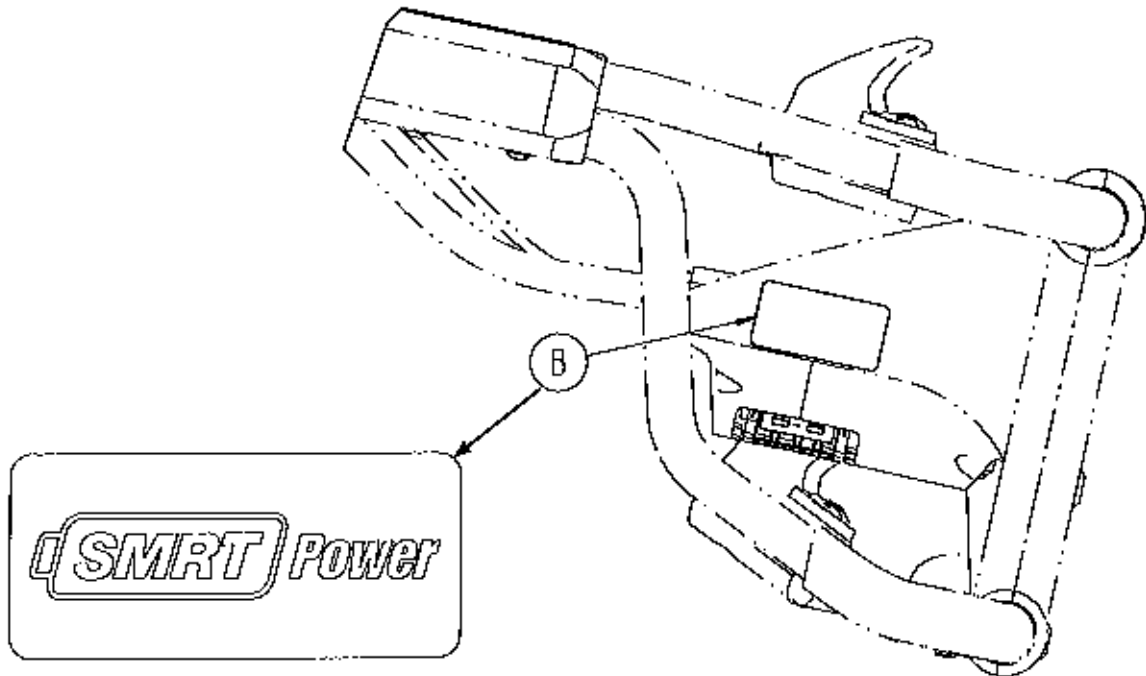
Foot End Assembly - 6500-102-015 Rev A (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-874-000	Socket Head Cap Screw	2
B	0004-614-000	Button Head Cap Screw	10
C	0004-615-000	Button Head Cap Screw	8
D	0007-088-000	Truss Head Screw	2
E	0011-062-000	Washer	2
F	0011-543-000	Washer	2
G	0016-131-000	Nylock Hex Nut	14
H	0023-162-000	Screw	12
J	0023-163-000	Screw	3
K	0025-079-000	Dome Head Rivet	8
L	0025-113-000	Semi-Tubular Rivet	1
M	0028-118-000	Pushnut	4
N	0038-572-000	Compression Spring	2
P	6506-001-900	Label	1
R	6500-001-131	Upper Lifting Bar	1
T	6500-001-132	Lower Lift Bar	1
U	6500-001-133	Machined Extruded Bracket	2
V	6500-001-134	Battery Enclosure Face Plate	1
W	6500-001-135	Foot End Enclosure Top Plate	1
Y	6500-001-136	Foot End Enclosure Bottom Plate	1
AA	6500-001-138	Battery Release Button	1
AB	6500-001-139	Battery Release Lock	1
AC	6500-001-140	Manual Release Actuator Pivot	1
AD	6500-001-141	Manual Release Actuator Lever	1
AE	6500-001-144	Transition Cap	2
AF	6500-001-146	Manual Release Pivot Pin	1
AG	6500-001-147	Single Spring	1
AH	6500-001-153	Light Panel ORB	1
AJ	6500-001-154	Pull Handle, Outside	2
AK	6500-001-156	Manual Release Cable Assembly	1
AL	6500-001-161	Hall Effects Cable	1
AM	6500-001-275	Wire Route Clip	3
AN	6500-001-358	Lower Housing Button, Foot End	2
AP	6500-002-014	Control Board	1
AR	6500-002-103	Cot Dongle	1
AT	6500-002-159	Cable Assembly	1
AU	6500-002-216	Cot Connector Cable Assembly	1
AV	6500-101-018	Button Assembly (page 125)	2

Label, SMRT Power

6500-027-000 Rev B (Reference Only)

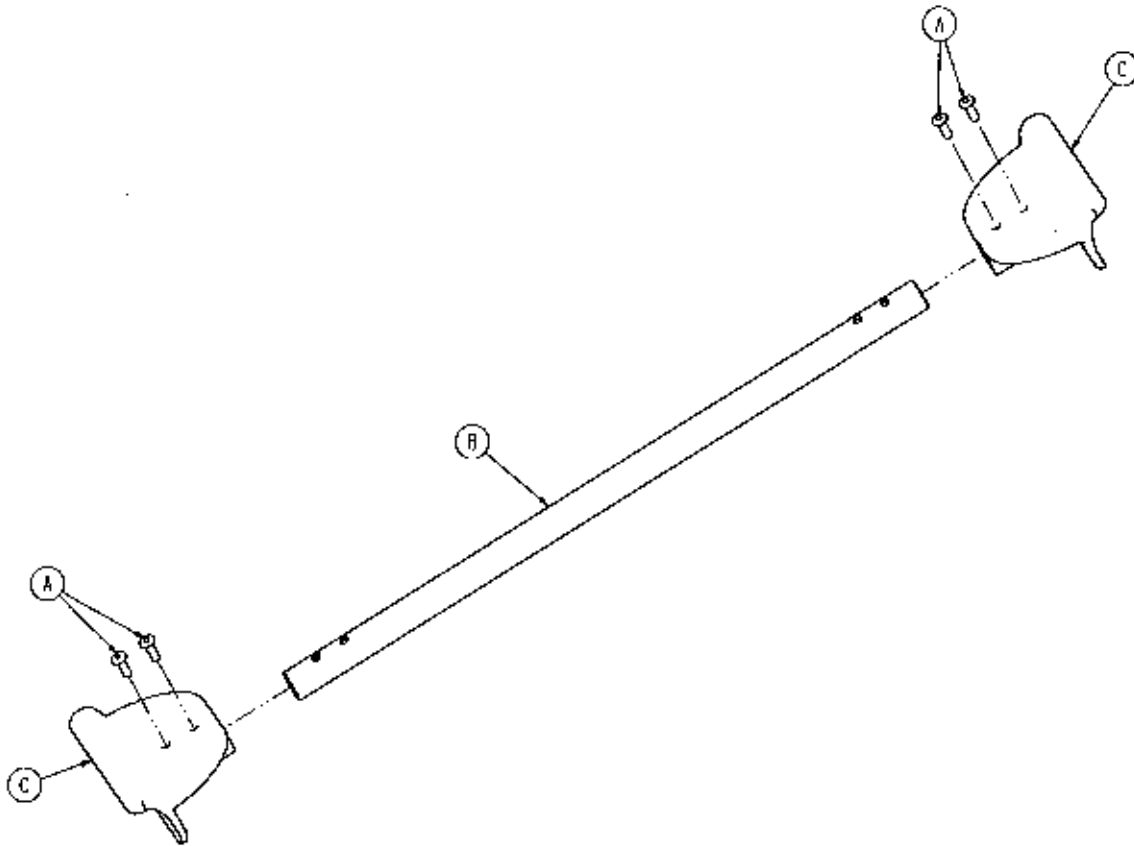
6500-028-000 Rev B (Reference Only)



Item	Part No.	Part Name	Qty.
B	6500-001-366	Label, SMRT™ Power	1

Cross Brace Assembly

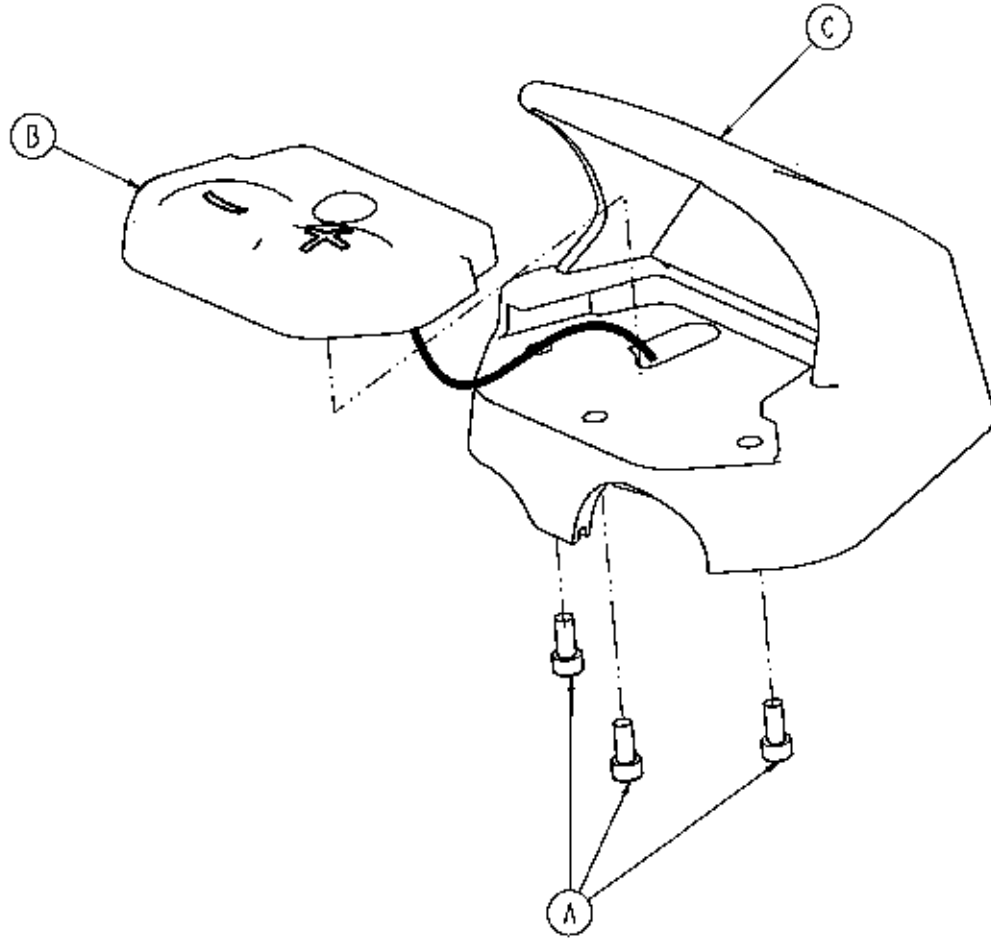
6510-001-013 Rev A (Reference Only)



Item	Part No.	Part Name	Qty.
A	0025-133-000	Rivet	4
B	6500-001-107	Litter Cross Brace	1
C	8500-001-109	Trend Support Bracket	2

Button Assembly - 6500-101-016

Rev C

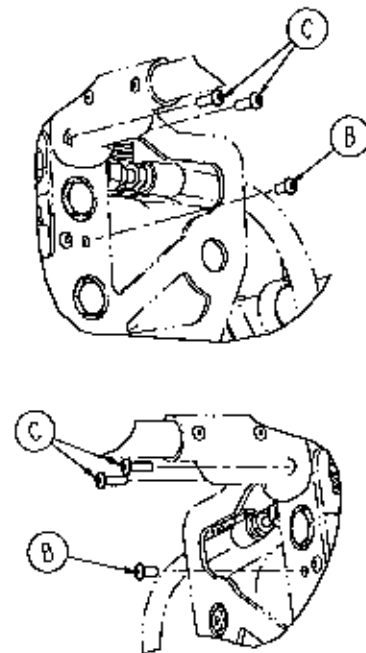
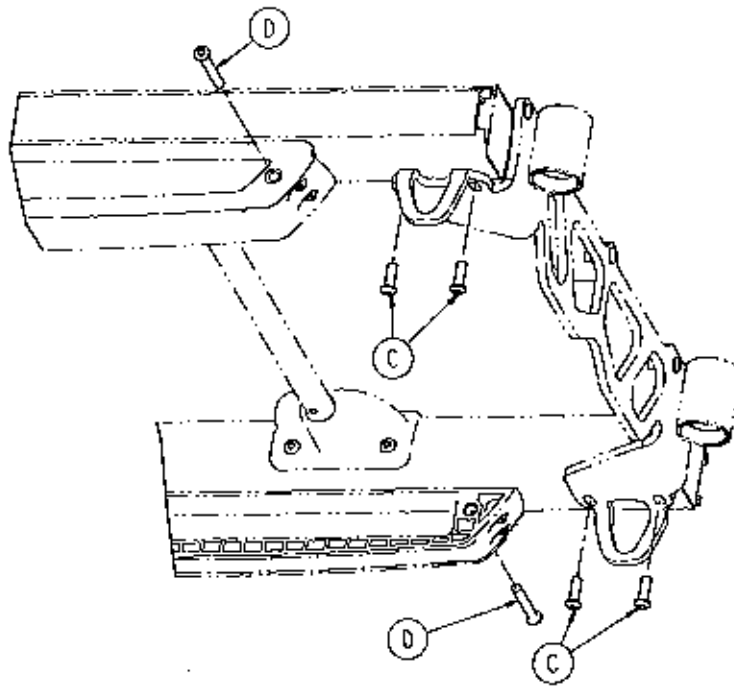
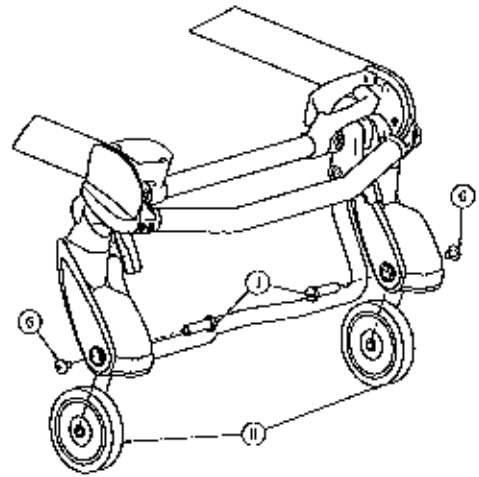
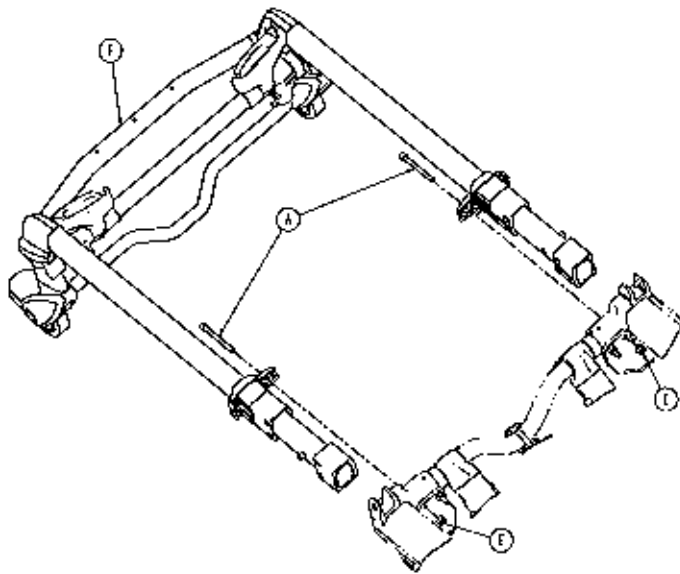


Item	Part No.	Part Name	Qty.
A	37J102-1	Socket Head Cap Screw	3
B	6500-101-130	Switch	1
C	6500-001-359	Button Upper Housing, Foot End	1

[Return To Table of Contents](#)

Non-Power-LOAD Compatible Option

6516-043-000 Rev B (Reference Only)

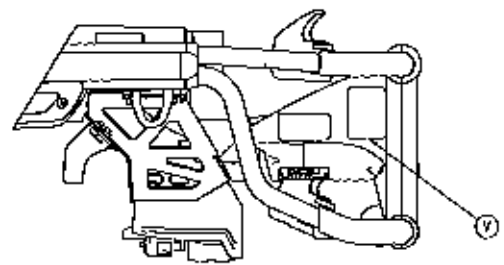
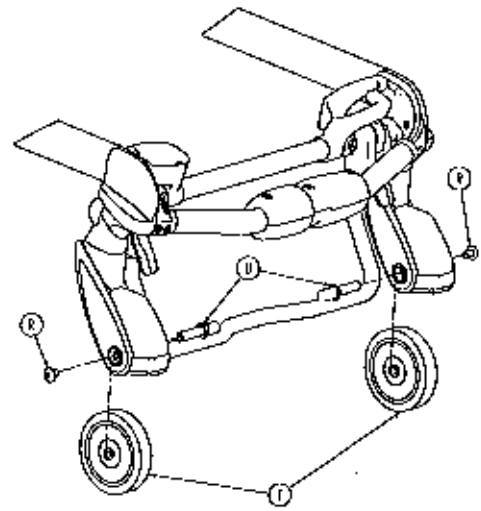
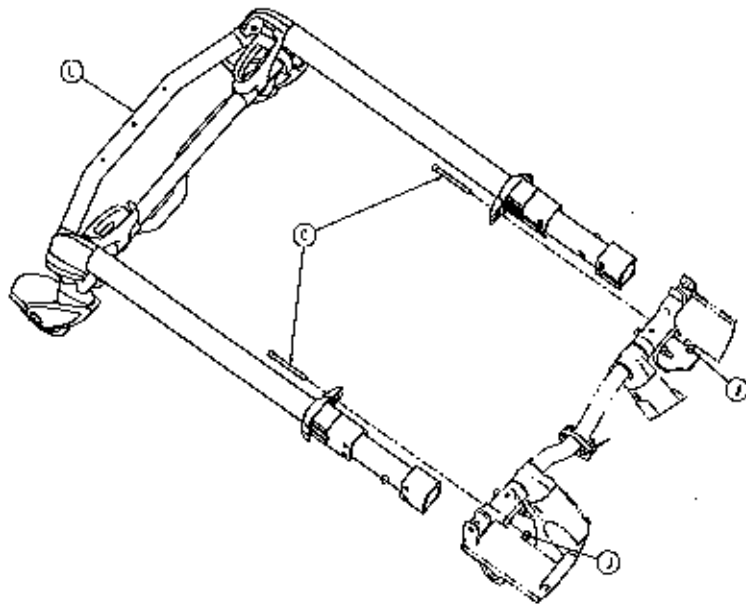


Item	Part No.	Part Name	Qty.
A	0004-589-000	Button Head Cap Screw	6
B	0004-593-000	Button Head Cap Screw	4
C	0004-595-000	Socket Head Cap Screw	2
D	0004-596-000	Button Head Cap Screw	2
E	0016-028-000	Fiberlock Hex Nut	2
H	6500-002-020	Headsection (page 129)	1
J	0007-556-000	Truss Head Machine Screw	2
K	6500-001-086	Front Wheel	2
L	6500-002-106	Load Wheel Spacer	2

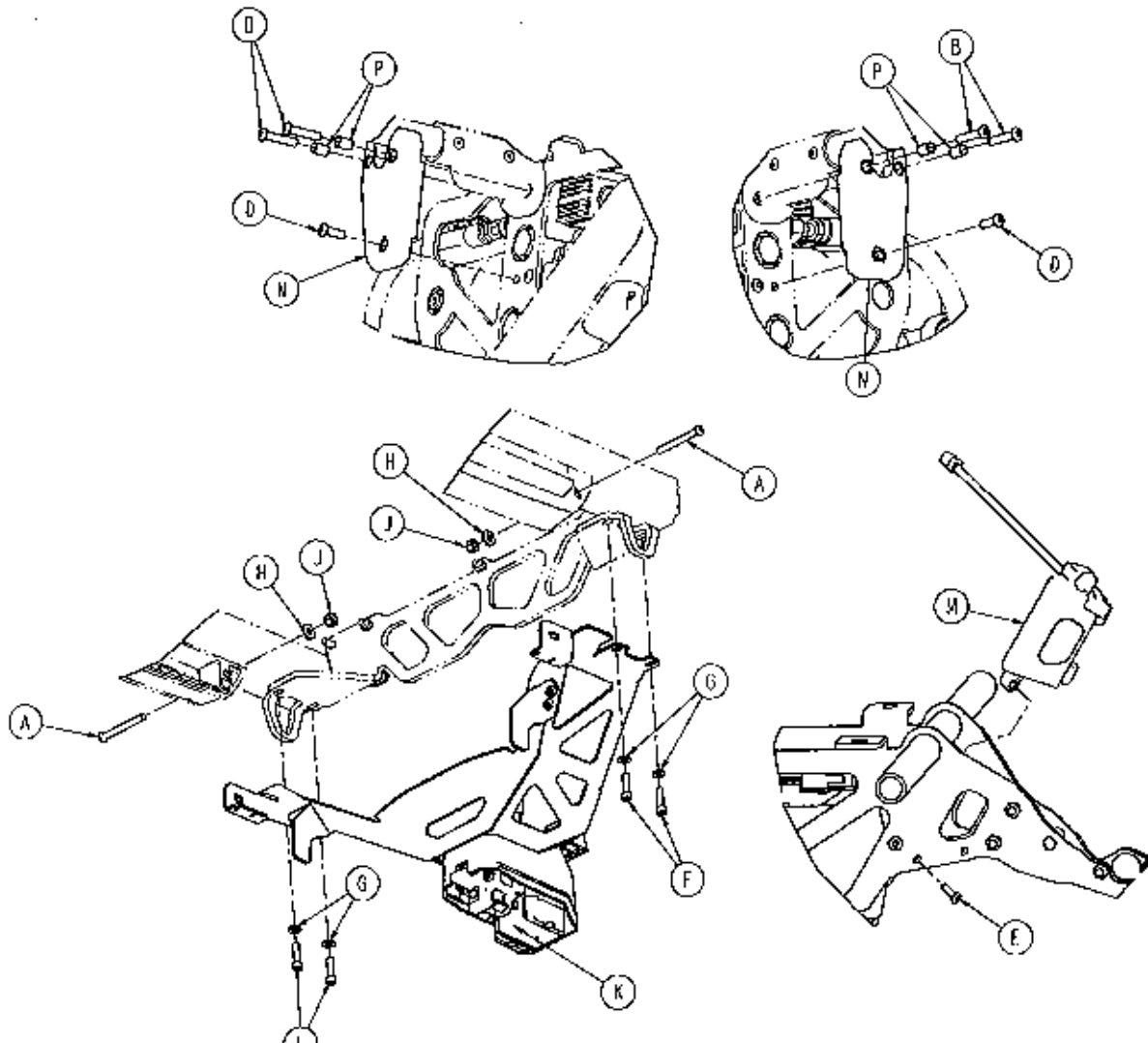
[Return To Table of Contents](#)

Power-LOAD Compatible Option - 6516-144-000

Rev A



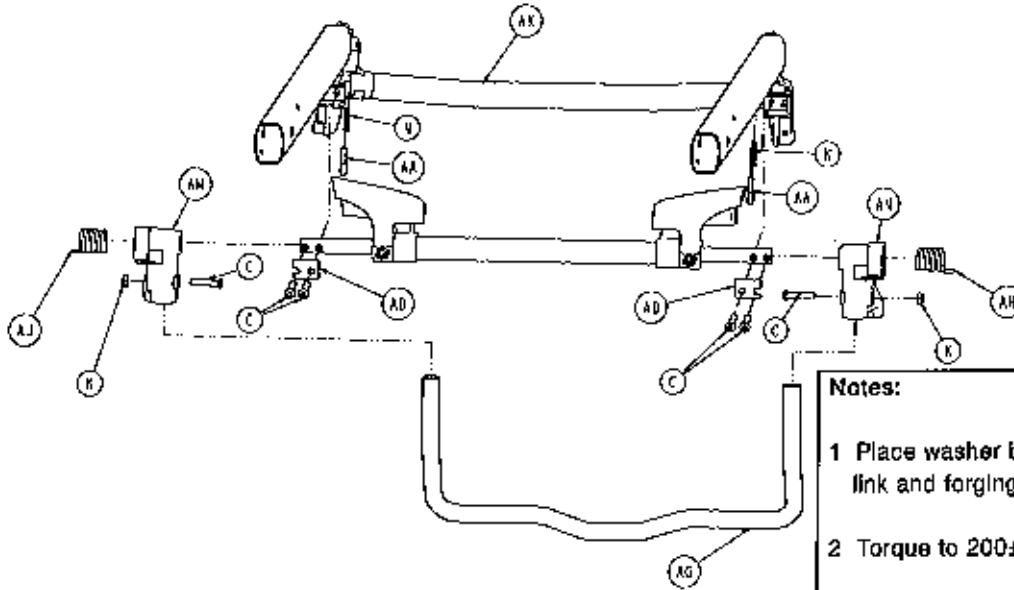
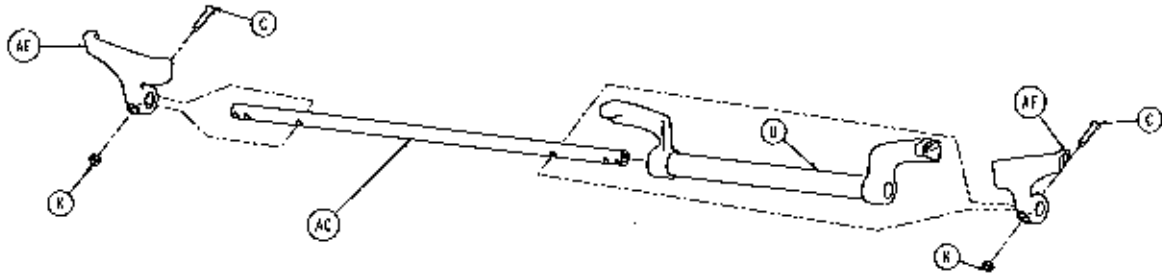
Power-LOAD Compatible Option - 6516-144-000



Item	Part No.	Part Name	Qty.
A	0004-387-000	Button Head Cap Screw	2
B	0004-395-000	Button Head Cap Screw	4
C	0004-517-000	Socket Head Cap Screw	2
D	0004-593-000	Button Head Cap Screw	2
E	0004-614-000	Button Head Cap Screw	1
F	0004-661-000	Socket Head Cap Screw	4
G	0011-065-000	Washer	4
H	0011-077-000	Washer	2
J	0016-028-000	Fiberlock Hex Nut	4
K	6500-002-013	Foot End Fastener Assy (page 134)	1
L	6500-002-020	Headsection (page 129)	1
M	6500-002-100	Comm Board Cot	1
N	6500-002-123	Cot Arm Spacer	2
P	6500-002-124	Sleeve Spacer	4
R	0007-556-000	Truss Head Machine Screw	2
T	6500-001-086	Front Wheel	2
U	6500-002-104	Load Wheel Pin	2
V	6516-001-101	Label, FCC	1

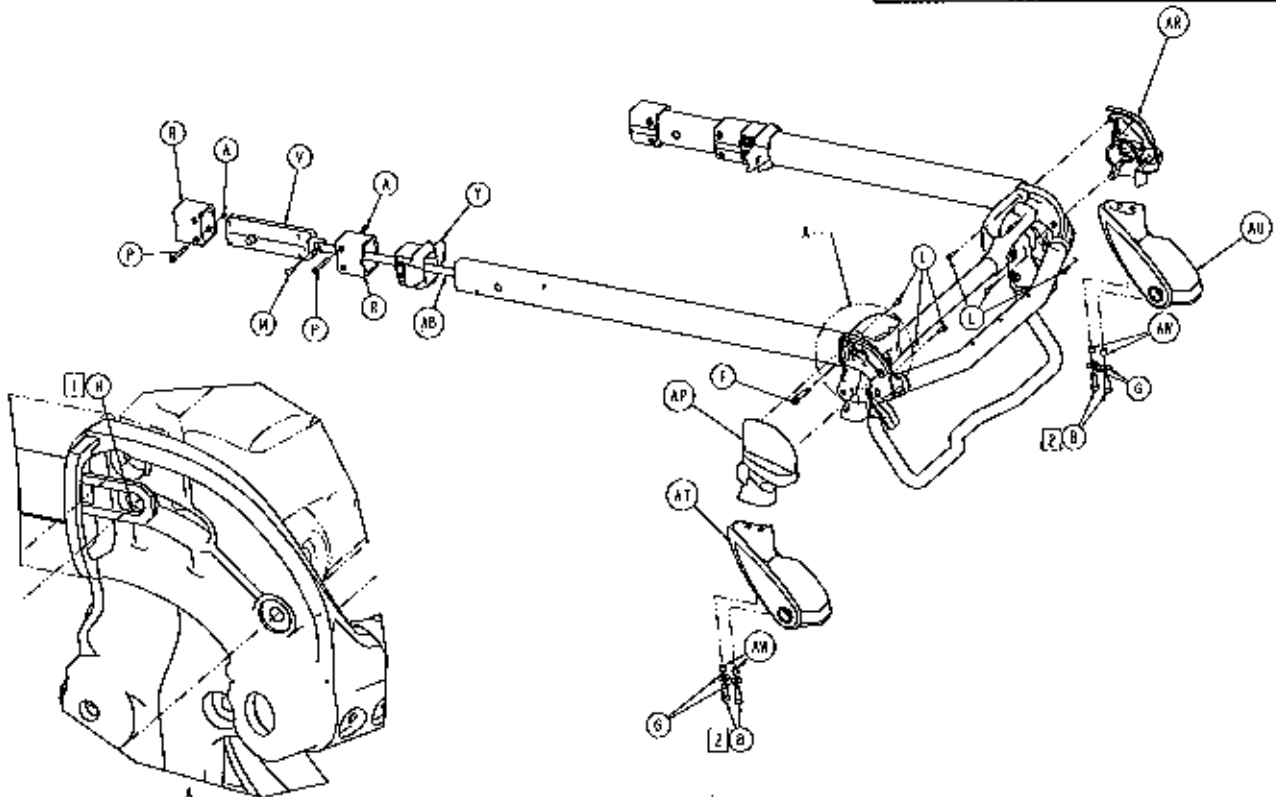
Headsection - 6500-002-020

Rev D



Notes:

- 1 Place washer between the release link and forging
- 2 Torque to 200±40 in-lb



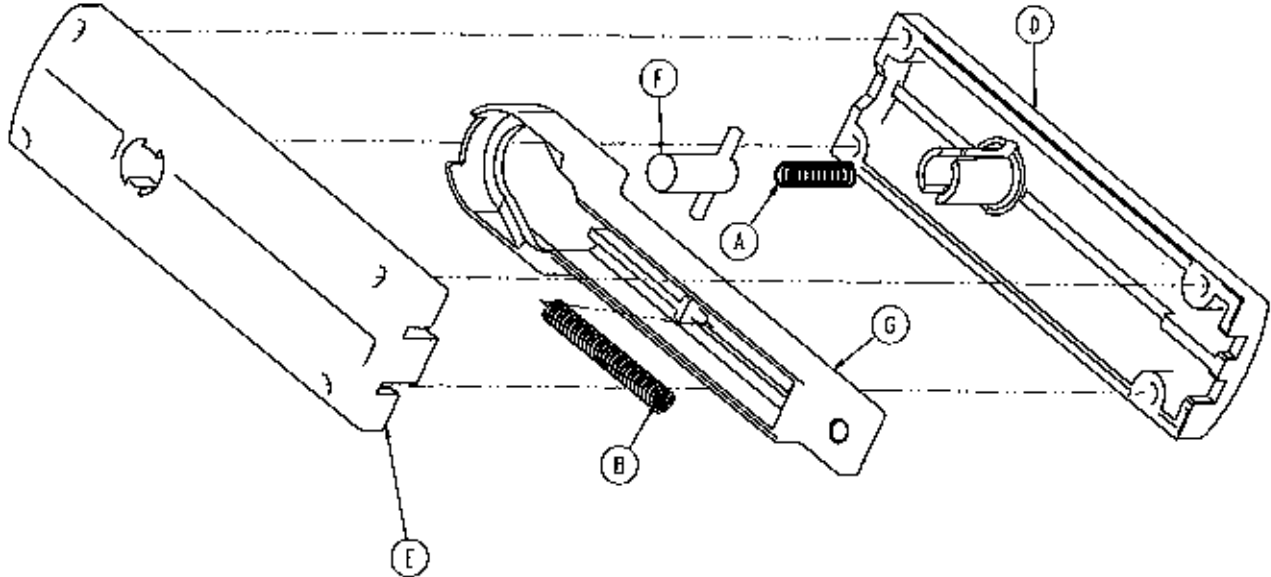
[Return To Table of Contents](#)

Headsection - 6500-002-020

Item	Part No.	Part Name	Qty.
A	0004-168-000	Button Head Cap Screw	4
B	0004-591-000	Socket Head Cap Screw	4
C	0004-612-000	Button Head Cap Screw	8
F	0008-030-000	Socket Head Shoulder Screw	2
G	0011-624-000	Washer	4
H	0014-002-000	Washer	2
K	0016-102-000	Nylock Hex Nut	4
L	0023-182-000	Delta Screw	8
M	0025-126-000	Semi-Tubular Rivet	2
N	0038-570-000	Compression Spring	2
P	6085-001-169	Headsection Nut	4
R	6085-001-170	Internal Bearing	4
U	6500-001-023	Head Trigger Assembly	1
V	6500-001-026	Head Section Lock Assy (page 131)	2
Y	6500-001-087	Cap Bearing	2
AA	6500-001-093	Safety Bar Lock Pin	2
AB	6500-001-096	Head Section Release Link	2
AC	6500-001-220	Head Section Pivot Cross Tube	1
AD	6500-001-221	Cross Tube Clamp	2
AE	6500-001-280	Head Section Guard, Right	1
AF	6500-001-281	Head Section Guard, Left	1
AG	6500-001-322	Sliding Head Section Safety Bar	1
AH	6500-001-325	Safety Bar Torsion Spring, Left	1
AJ	6500-001-326	Safety Bar Torsion Spring, Right	1
AK	6500-002-025	Telescoping Tube Assembly	1
AM	6500-002-107	Safety Bar Pivot, Right	1
AN	6500-002-108	Safety Bar Pivot, Left	1
AP	6500-002-109	Load Wheel Horn Cover, Left	1
AR	6500-002-110	Load Wheel Horn Cover, Right	1
AT	6500-002-120	Load Wheel Horn, Left	1
AU	6500-002-121	Load Wheel Horn, Right	1
AV	6500-002-114	Compression Limiter Sleeve	4

Head Section Lock Assembly - 6500-001-026

Rev C

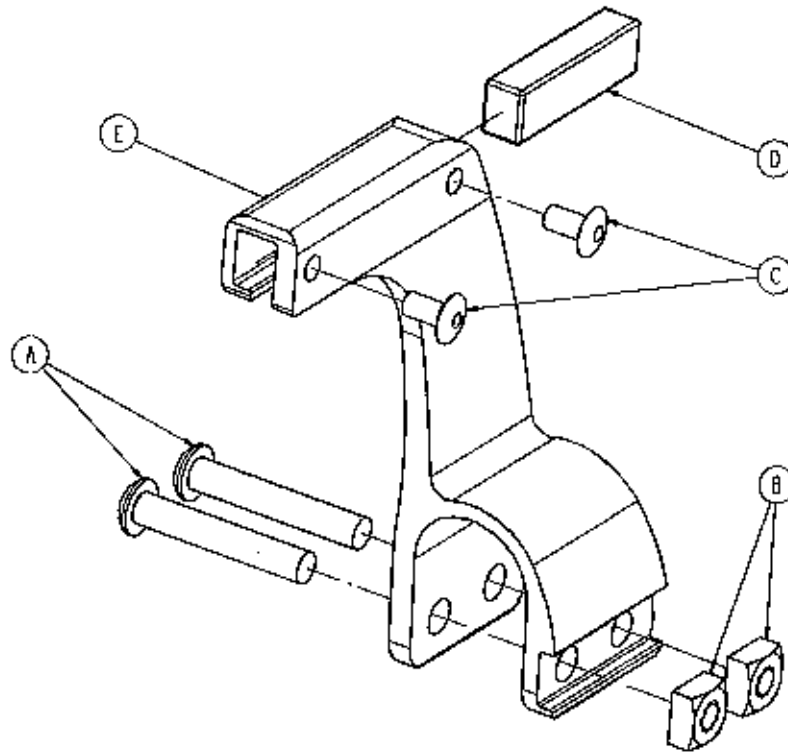


Item	Part No.	Part Name	Qty.
A	0038-570-000	Compression Spring	1
B	0038-134-000	Compression Spring	1
D	6500-001-091	Top Latch Housing	1
E	6500-001-092	Bottom Latch Housing	1
F	6500-001-025	Latch Assembly	1
G	6500-001-095	Actuation Slide	1

[Return To Table of Contents](#)

Optional In-Fastener Shut-Off Assembly - 6500-001-027

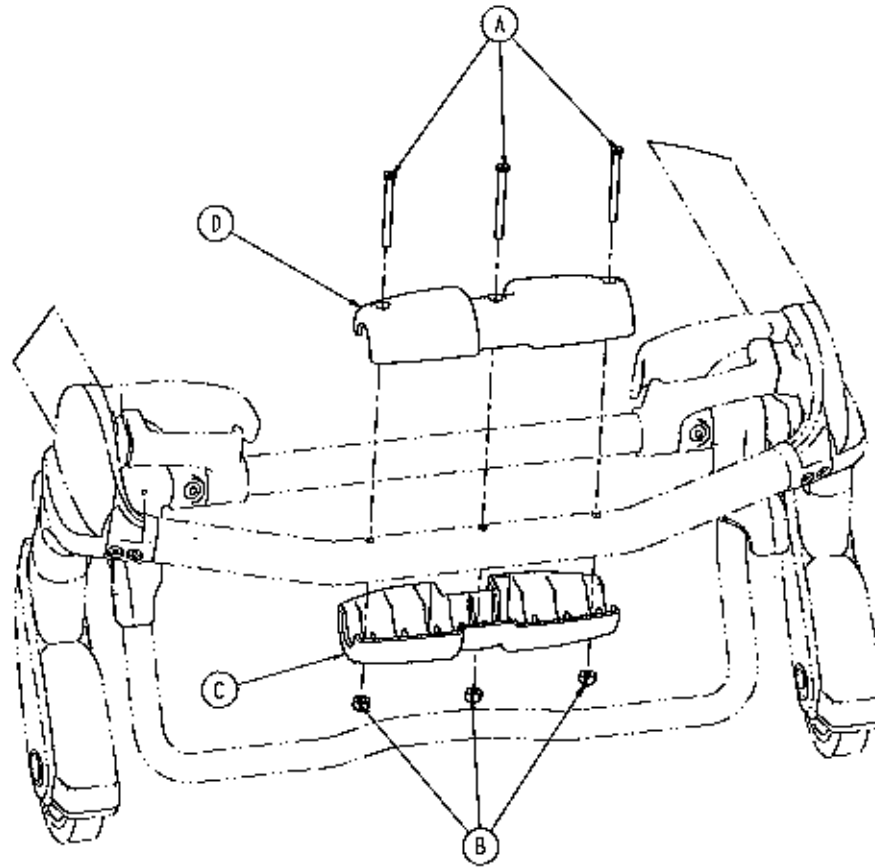
Rev C



Item	Part No.	Part Name	Qty.
A	0004-376-000	Button Head Cap Screw	2
B	0015-016-000	Square Nut	2
C	0025-079-000	Rivet	2
D	6500-001-271	Magnet	1
E	6500-001-272	Holder	1

No Headsection Oxygen Bottle Holder Option - 6506-036-000

Rev A

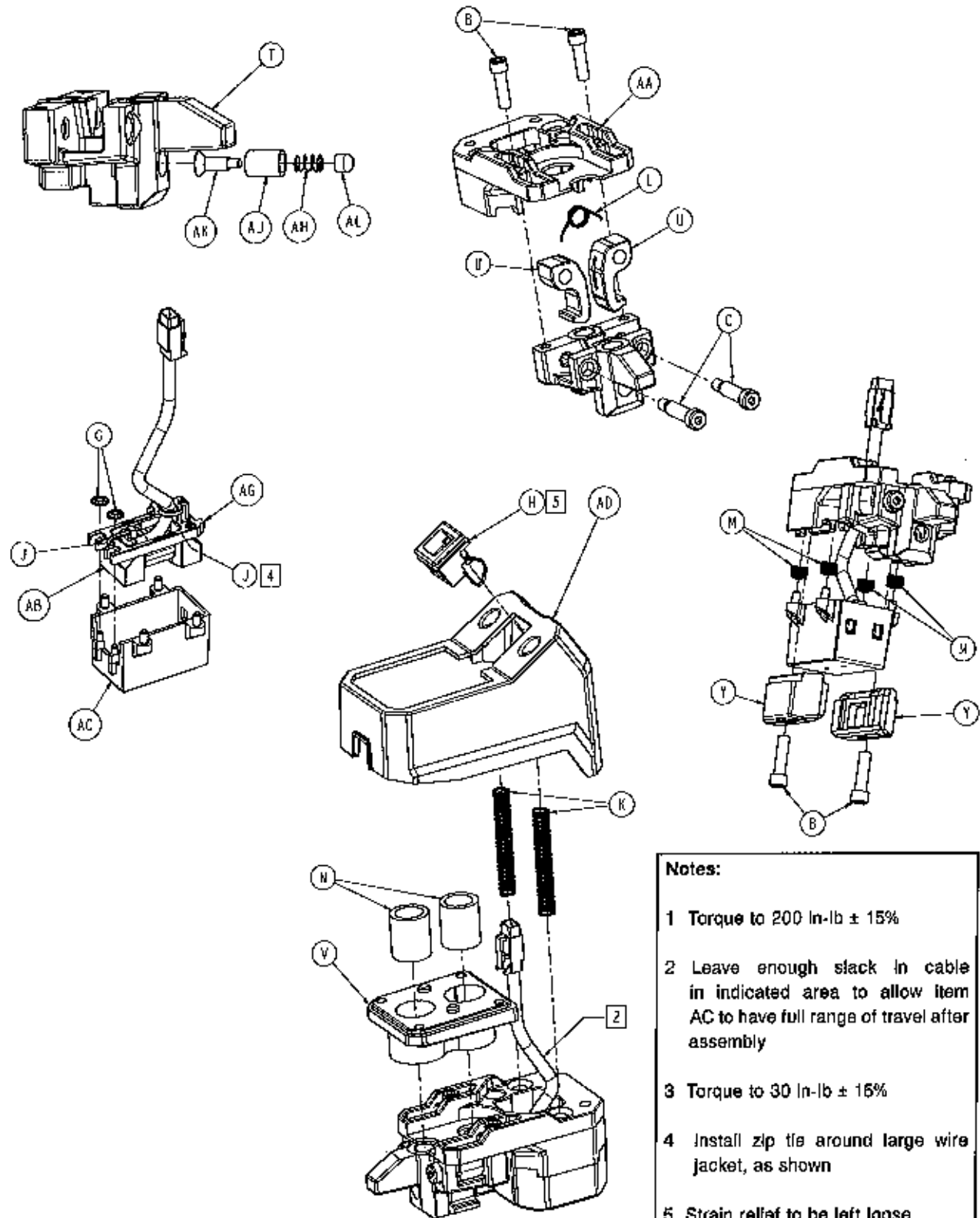


Item	Part No.	Part Name	Qty.
A	0004-656-000	Socket Head Cap Screw	3
B	0016-002-000	Fiberlock Hex Nut	3
C	6085-001-174	Oxygen Bottle Holder, Bottom	1
D	6500-002-156	Top Guide, Head End	1

[Return To Table of Contents](#)

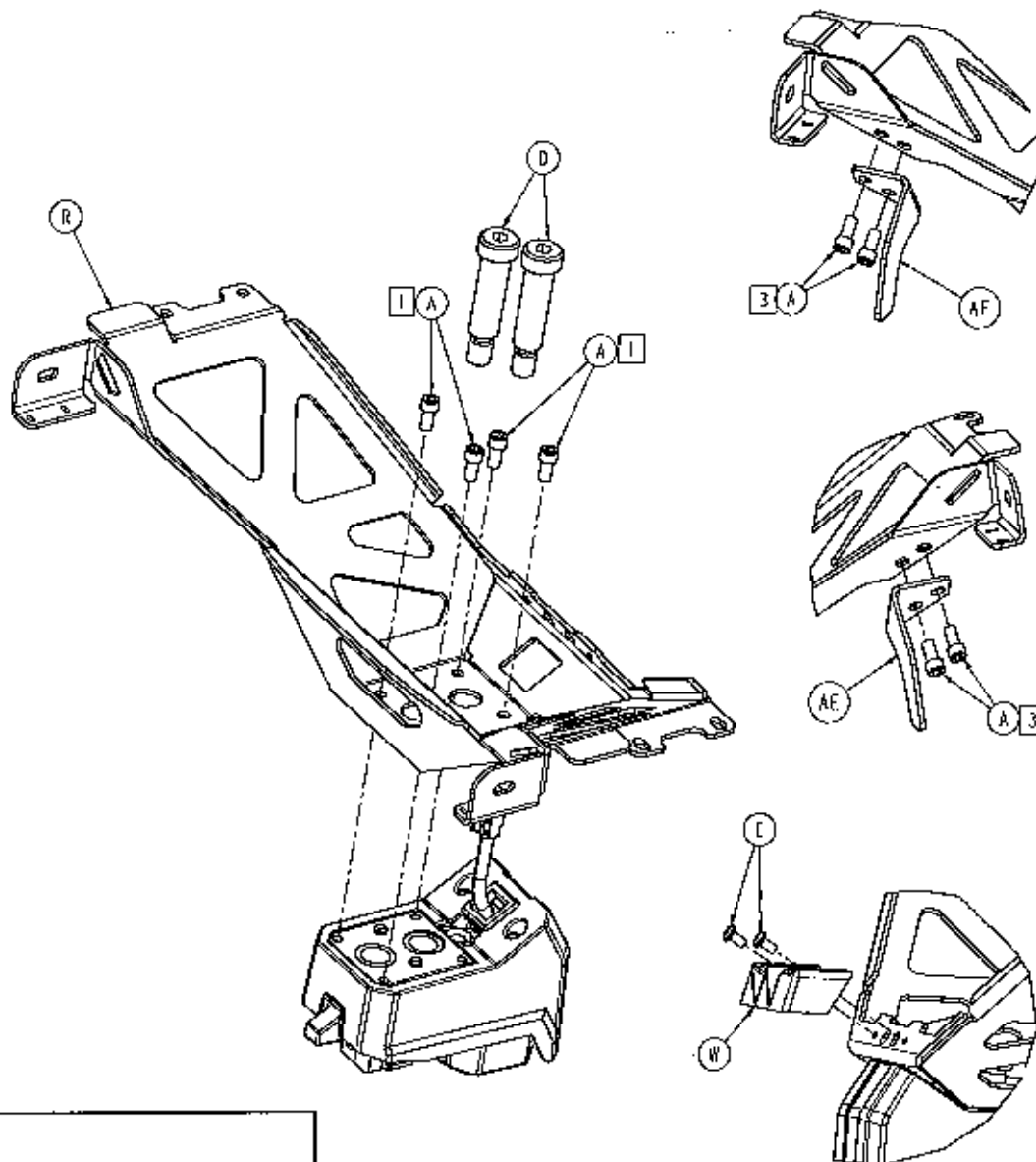
Foot End Fastener Assembly (Power-LOAD Compatible Option)

8500-002-013 Rev F (Reference Only)



- Notes:**
- 1 Torque to 200 in-lb \pm 15%
 - 2 Leave enough slack in cable in indicated area to allow item AC to have full range of travel after assembly
 - 3 Torque to 30 in-lb \pm 15%
 - 4 Install zip tie around large wire jacket, as shown
 - 5 Strain relief to be left loose on wire

Foot End Fastener Assembly (Power-LOAD Compatible Option)



Notes:

- 1 Torque to 200 in-lb \pm 15%
- 2 Leave enough slack in cable in indicated area to allow item AC to have full range of travel after assembly
- 3 Torque to 30 in-lb \pm 15%
- 4 Install zip tie around large wire jacket, as shown
- 5 Strain relief to be left loose on wire

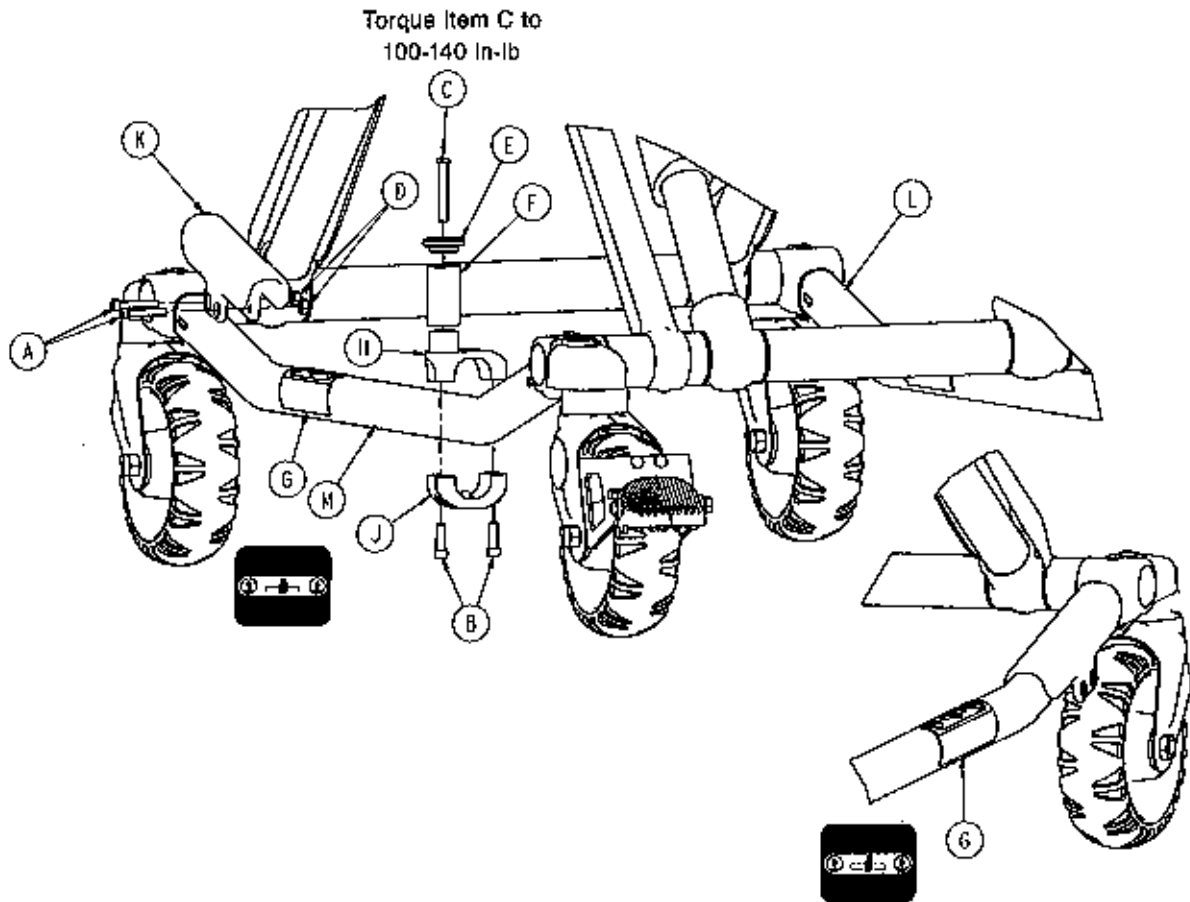
Foot End Fastener Assembly (Power-LOAD Compatible Option)

Foot End Fastener Assembly (Power-LOAD Compatible Option) - 6500-002-013 Rev F (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-660-000	Socket Head Cap Screw	8
B	0004-661-000	Socket Head Cap Screw	4
C	0008-088-000	Socket Head Set Screw	2
D	0008-087-000	Socket Head Set Screw	2
E	0023-298-000	Pan Head Machine Screw	2
G	0028-217-000	Pushnut	2
H	0037-248-000	Strain Relief	1
J	0038-111-000	Zip Tie	2
K	0038-889-000	Compression Spring	2
L	0038-891-000	Torsion Spring	1
M	0038-900-000	Wave Spring	4
N	0081-437-000	Sleeve Bearing	2
R	6500-002-050	Bracket Weldment	1
T	6500-002-111	Foot End Fastener Guide	1
U	6500-002-112	Cot Foot End Fastener Hook	2
V	6500-002-113	Foot End Fastener Bearing Plate	1
W	6500-002-119	Foot End FASTER Cot Spacer	1
Y	6500-002-122	Foot End FASTER Cot Wear Pad	2
AA	6500-002-129	Floating Plate	1
AB	6500-002-133	Cot Secondary Coil	1
AC	6500-002-135	Cot Foot End Fastener Coil Holder	1
AD	6500-002-136	Foot End Fastener Cot Housing	1
AE	6500-002-146	Foot End Fastener Cot Hook, Right	1
AF	6500-002-147	Foot End Fastener Cot Hook, Left	1
AG	6500-002-144	Cot Tie Down Coil Strap	1
AH	6500-001-012	Compression Spring	1
AJ	6500-002-148	Plunger Housing	1
AK	6500-002-149	Plunger	1
AL	6500-002-152	Plunger Cap	1

Cot Retaining Post, Right - 6085-033-000

Rev E

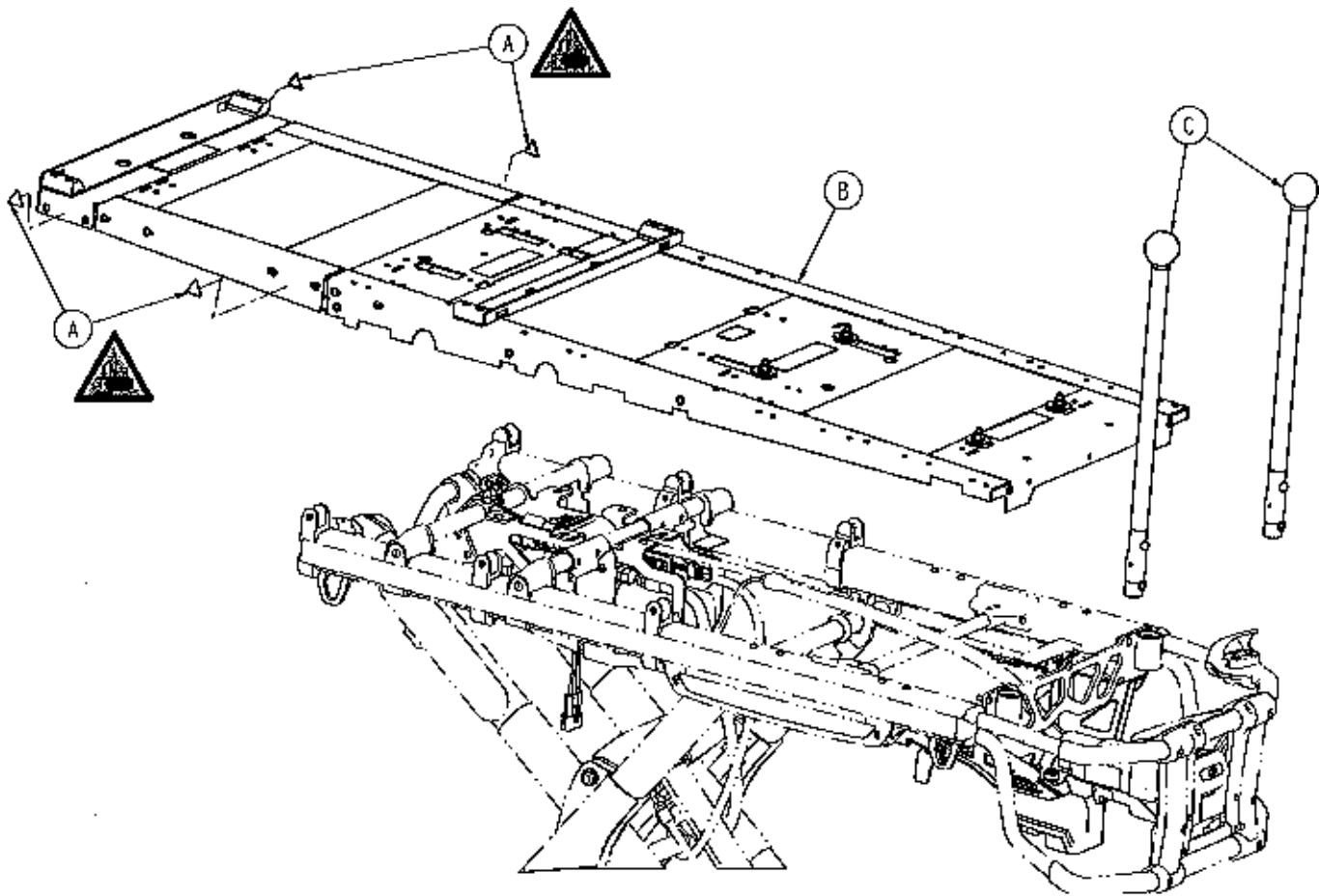


Item	Part No.	Part Name	Qty.
A	0004-160-000	Socket Head Cap Screw	2
B	0004-591-000	Socket Head Cap Screw	2
C	0004-503-000	Button Head Cap Screw	1
D	0016-003-000	Nylock Hex Nut	2
E	6060-004-043	Retaining Post Cap	1
F	6060-004-044	Post Tube	1
G	6080-090-108	Label, Lift Here	2
H	6500-101-189	Top Pin Bracket	1
J	6500-101-190	Bottom Pin Bracket	1
K	6500-001-302	Base Tube Protector	1
L	6085-001-056	Outer Base Tube Weldment	1
M	6085-001-057	Outer Base Tube Weldment	1

[Return To Table of Contents](#)

Airborne Side-by-Side Assembly Option - 6516-128-000

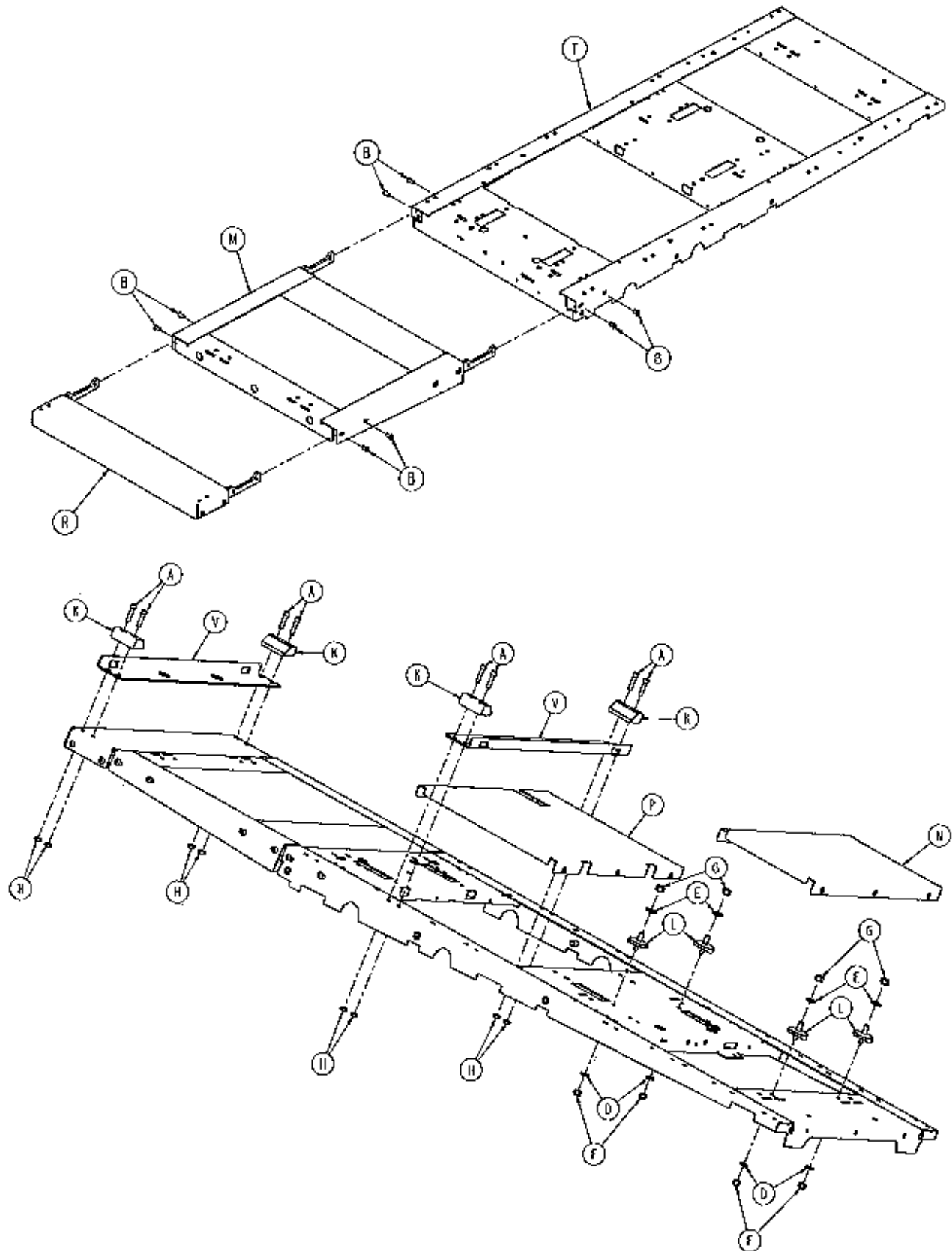
Rev A



Item	Part No.	Part Name	Qty.
A	6506-001-905	Label, Warning	4
B	6518-101-017	Incubator Adaptor Assembly (Airborne Side-by-Side - page 125)	1
C	6550-001-026	Corner Handle Assembly	2

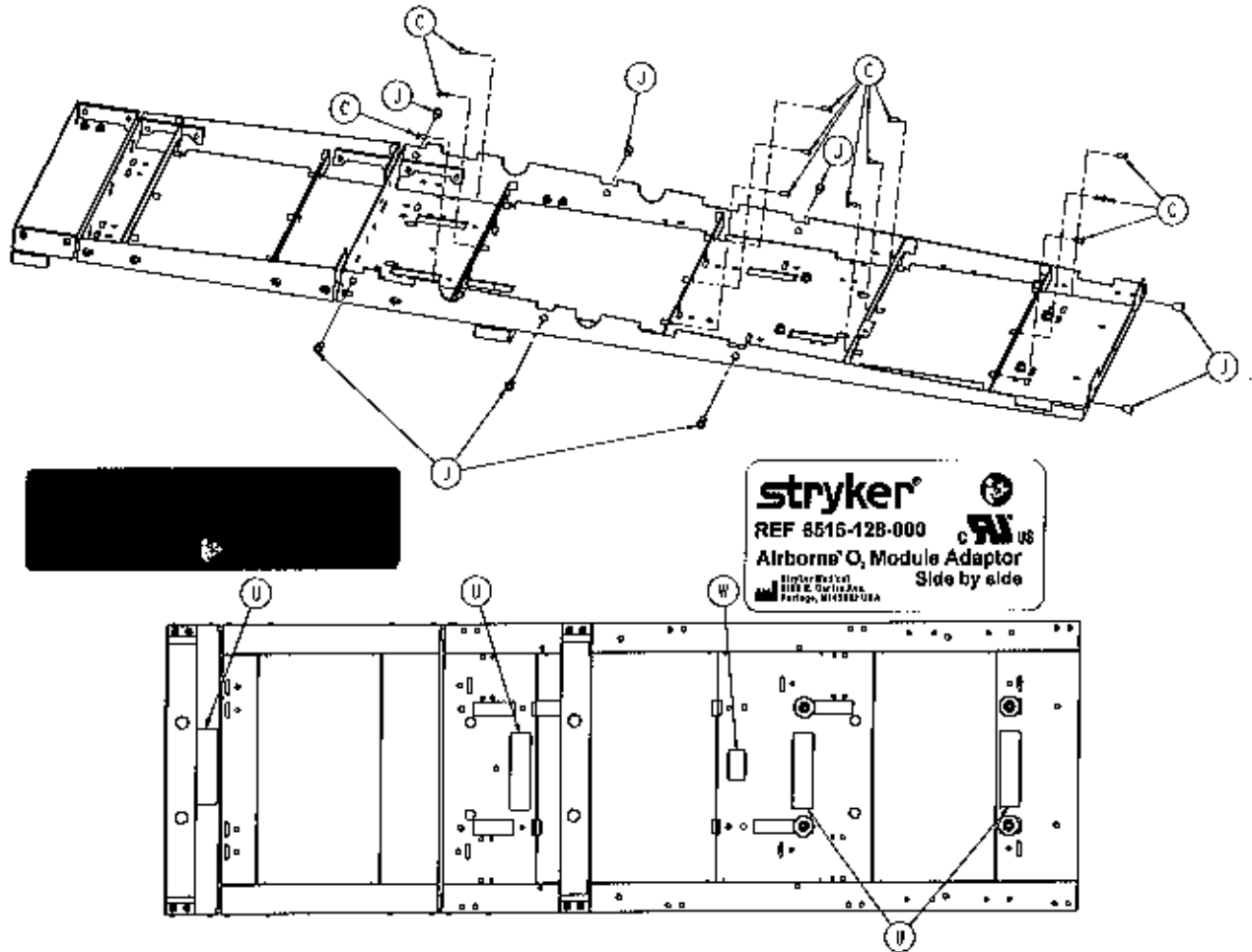
Incubator Adaptor Assembly - Airborne Side-by-Side

8518-101-017 Rev A (Reference Only)



[Return To Table of Contents](#)

Incubator Adaptor Assembly - Airborne Side-by-Side

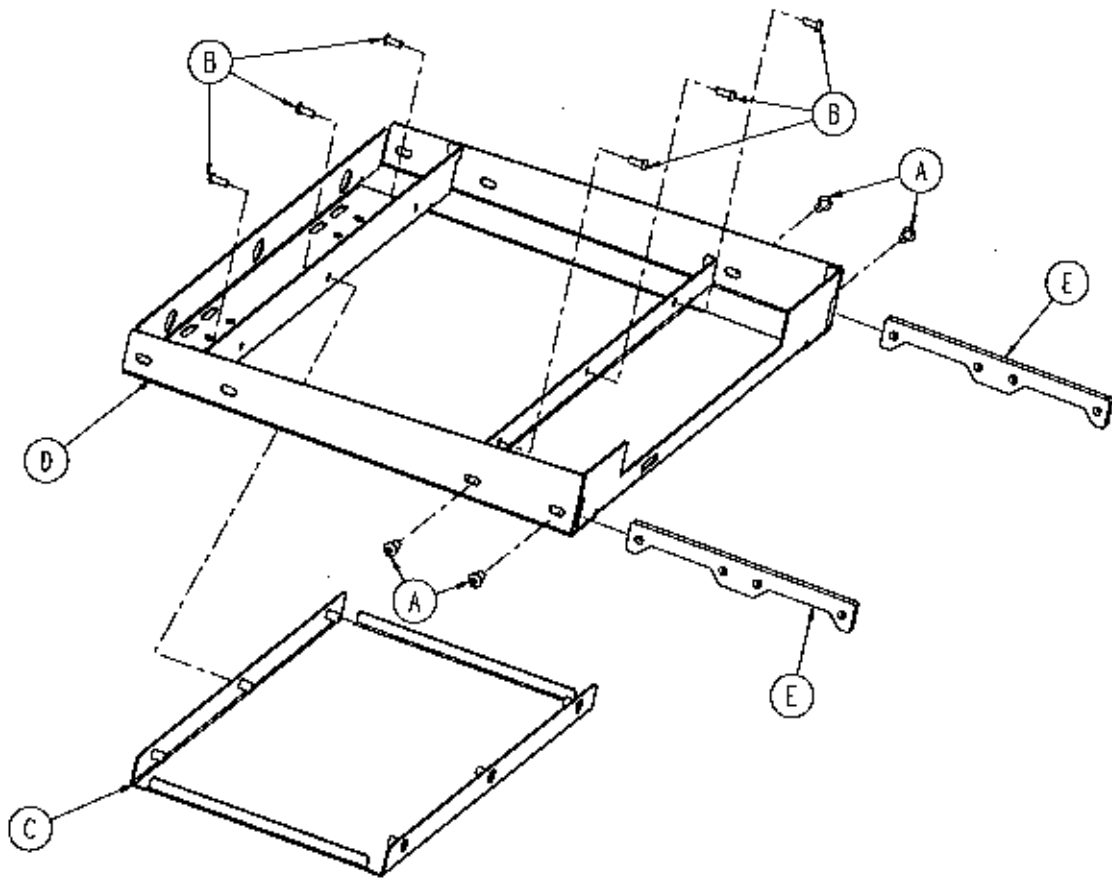


Incubator Adaptor Assembly - Airborne Side-by-Side - 6516-101-017 Rev A (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-028-000	Socket Head Cap Screw	8
B	0004-589-000	Button Head Cap Screw	8
C	0004-634-000	Button Head Cap Screw	12
D	0011-077-000	Washer	4
E	0011-447-000	Washer	4
F	0016-028-000	Fiberlock Hex Nut	4
G	0016-036-000	Nylock Hex Nut	4
H	0016-102-000	Nylock Hex Nut	8
J	0055-100-076	1/4-20 Riv Nut	8
K	6081-200-022	Airborne IT Cot Wedge	4
L	6081-201-020	Mounting Stud	4
M	6510-001-018	Extension Assembly (page 141)	1
N	6510-001-021	Skin Assembly	1
P	6510-001-022	Skin Assembly	1
R	6510-001-026	Short Extension Assembly	1
T	6510-001-050	Main Litter Weldment	1
U	6510-101-128	Label, Warning	4
V	6510-001-131	Mounting Angle	2
W	6516-101-106	Label, Spec	1

Extension Assembly - 6510-001-018

Rev B

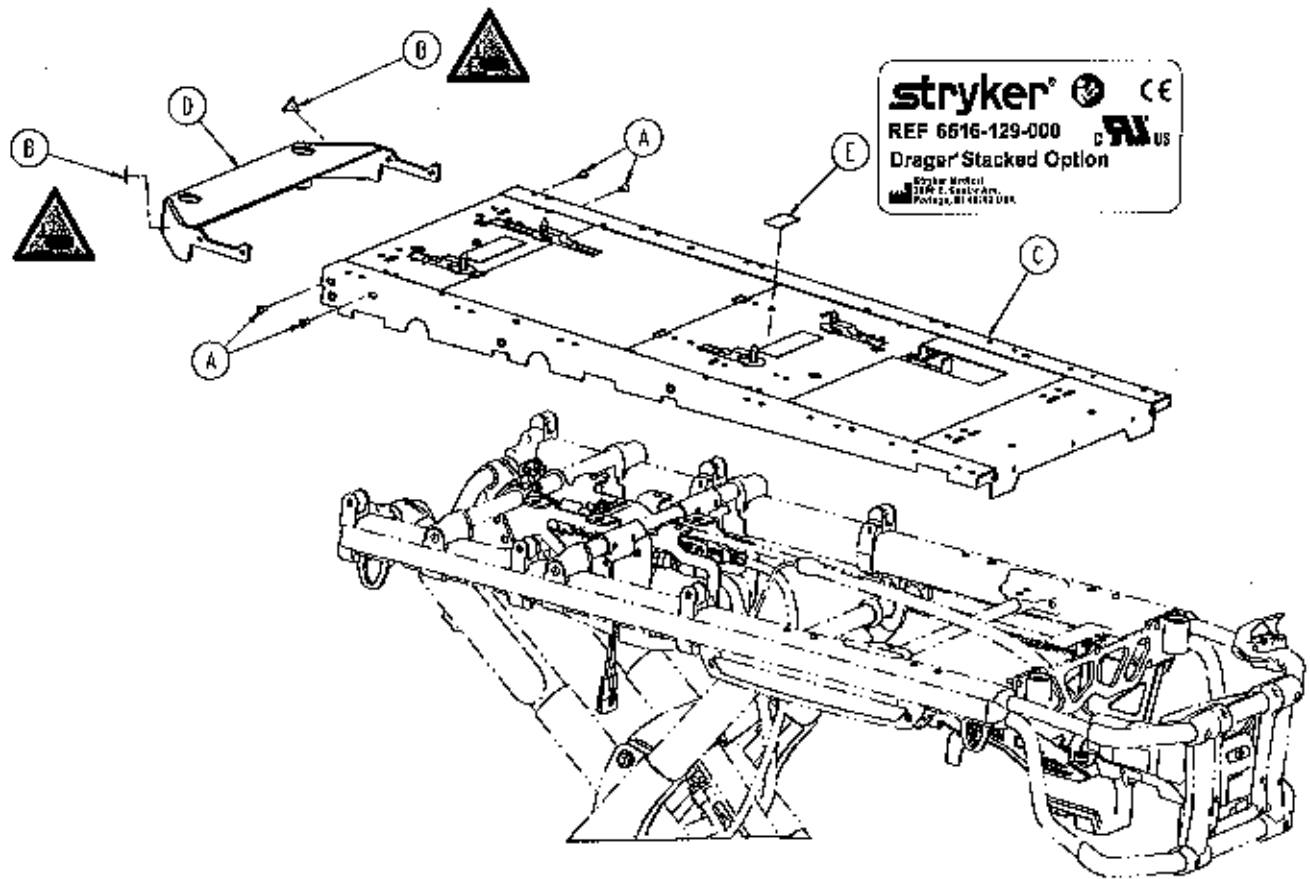


Item	Part No.	Part Name	Qty.
A	0004-589-000	Button Head Cap Screw	4
B	0004-634-000	Button Head Cap Screw	6
C	6510-001-021	Skin Assembly	1
D	6510-001-051	Litter Extension Weldment	1
E	6510-001-090	Connecting Bar	2

[Return To Table of Contents](#)

Drager Assembly Option - 6516-129-000

Rev A

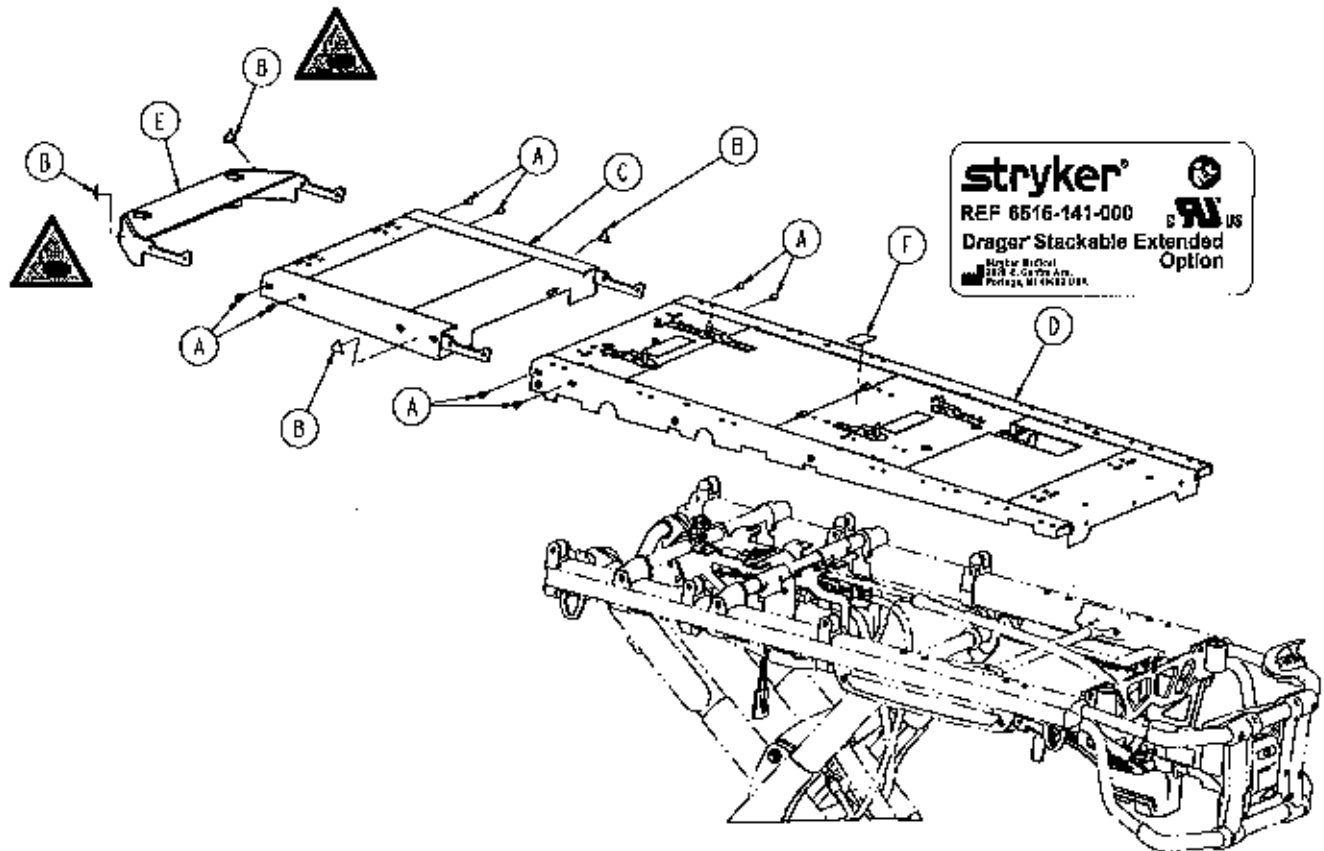


stryker®  CE
 REF 6516-129-000 
 Drager Stacked Option
Stryker Medical
 2200 E. Cass Street
 Fort Wayne, IN 46832 USA

Item	Part No.	Part Name	Qty.
A	0004-589-000	Button Head Cap Screw	4
B	6506-001-905	Label, Warning	2
C	6510-101-019	Incubator Adaptor Assembly (Drager - page 144)	1
D	6510-101-053	Socket Weldment, Head End	1
E	6516-101-107	Label, Spec	1

Drager Extended Assembly Option - 6516-141-000

Rev A

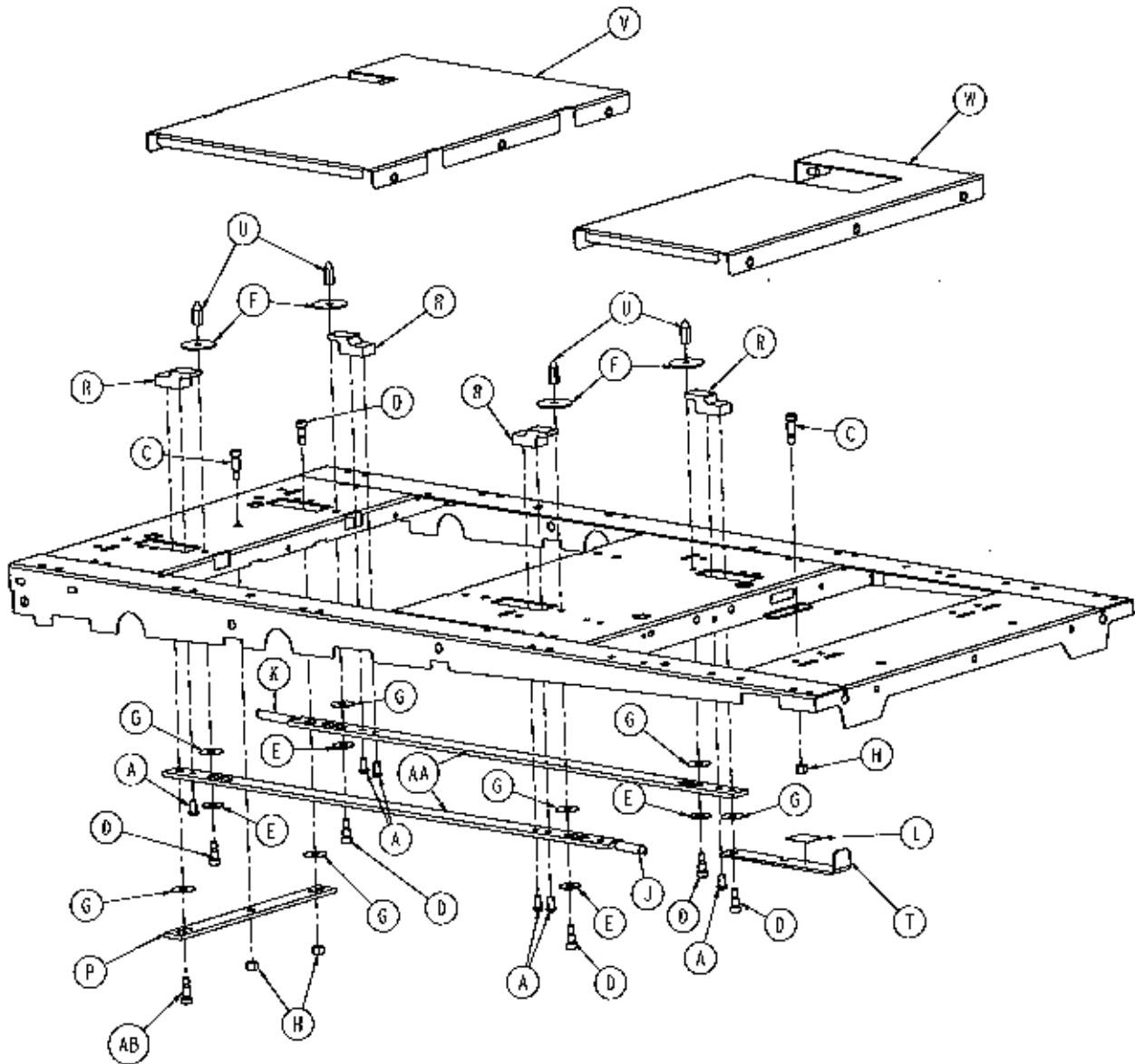


Item	Part No.	Part Name	Qty.
A	0004-589-000	Button Head Cap Screw	8
B	6506-001-905	Label, Warning	4
C	8510-001-018	Extension Assembly (page 141)	1
D	6510-101-019	Incubator Adaptor Assembly (Drager - page 144)	1
E	6510-101-053	Socket Weldment, Head End	1
F	6516-101-123	Label, Drager Extended	1

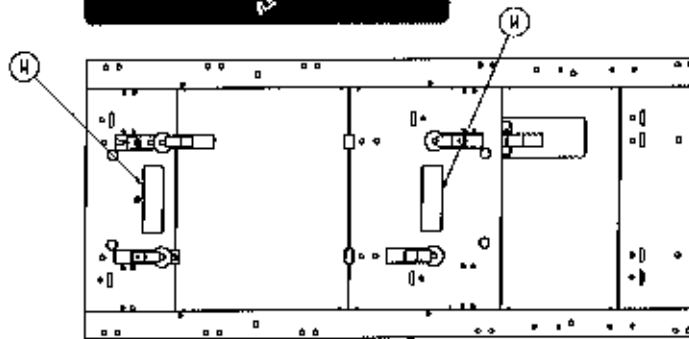
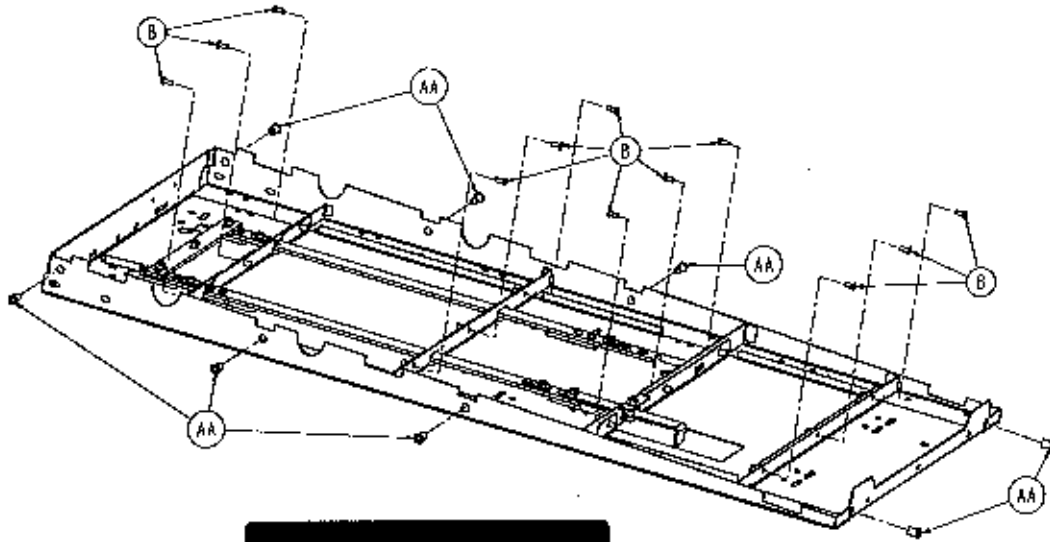
[Return To Table of Contents](#)

Incubator Adaptor Assembly - Drager

8510-101-019 Rev A (Reference Only)



Incubator Adapter Assembly - Drager



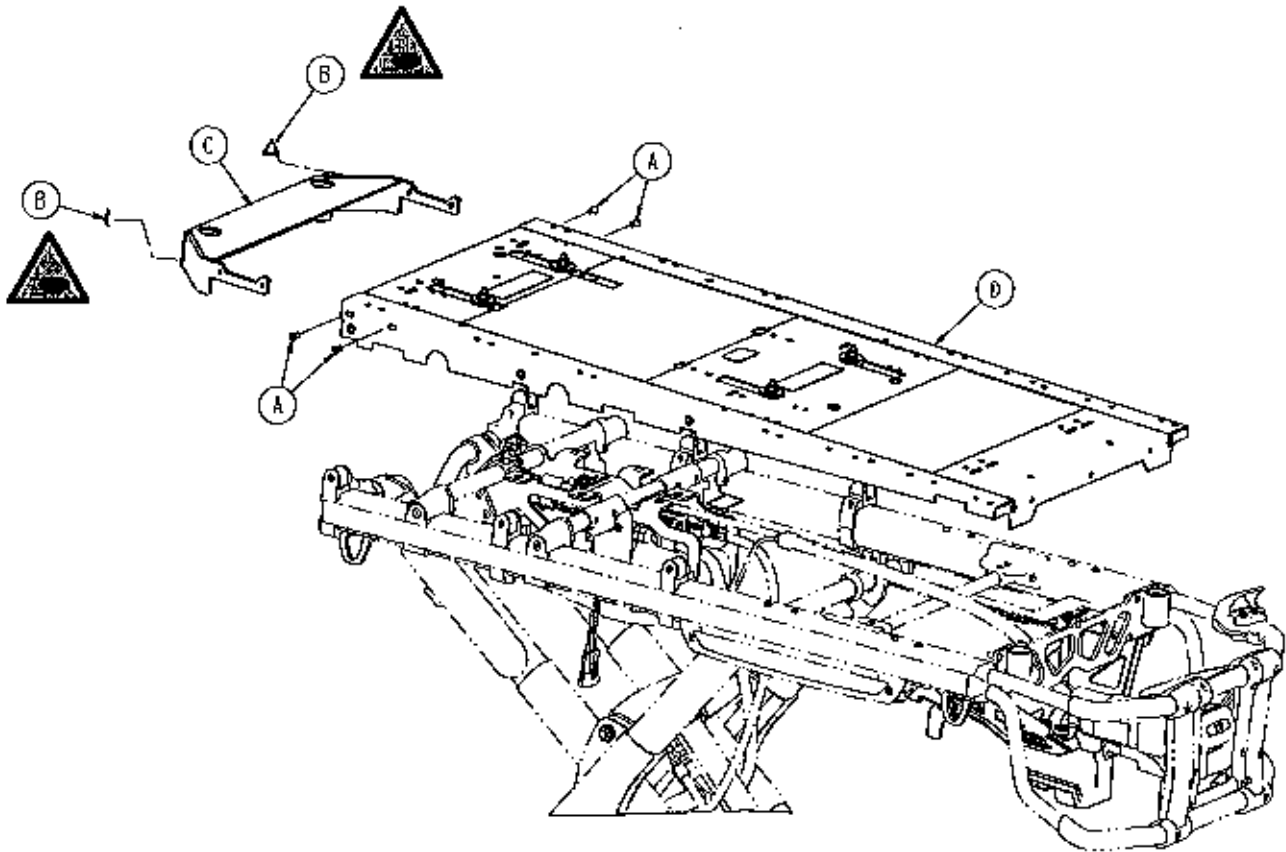
Incubator Adapter Assembly - Drager - 6510-101-019 Rev A (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-589-000	Button Head Cap Screw	8
B	0004-634-000	Button Head Cap Screw	12
C	0008-015-000	Socket Head Shoulder Bolt	2
D	0008-051-000	Socket Head Shoulder Bolt	6
E	0011-193-000	Washer	4
F	0011-445-000	Washer	4
G	0014-019-000	Washer	7
H	0016-028-000	Fiberlock Hex Nut	3
J	0038-453-000	Extension Spring	1
K	0038-576-000	Extension Spring	1
L	6081-090-303	Label, Lock Pull	1
M	6510-101-125	Label, Warning	2
N	6081-300-020	Slide Bar	2
P	6081-300-021	Tie Bar-Air Shields	1
R	6081-300-022	Lock Blade	4
T	6081-300-023	Pull Handle Air Shields	1
U	6081-300-024	Hex Pin (Air Shields)	4
V	6510-001-022	Skin Assembly	1
W	6510-001-023	Skin Assembly	1
Y	6510-001-050	Main Litter Weldment	1
AA	0055-100-076	1/4"-20 Riv Nut	8
AB	0008-048-000	Socket Head Shoulder Bolt	1

[Return To Table of Contents](#)

Airborne Stackable Assembly Option - 6516-127-000

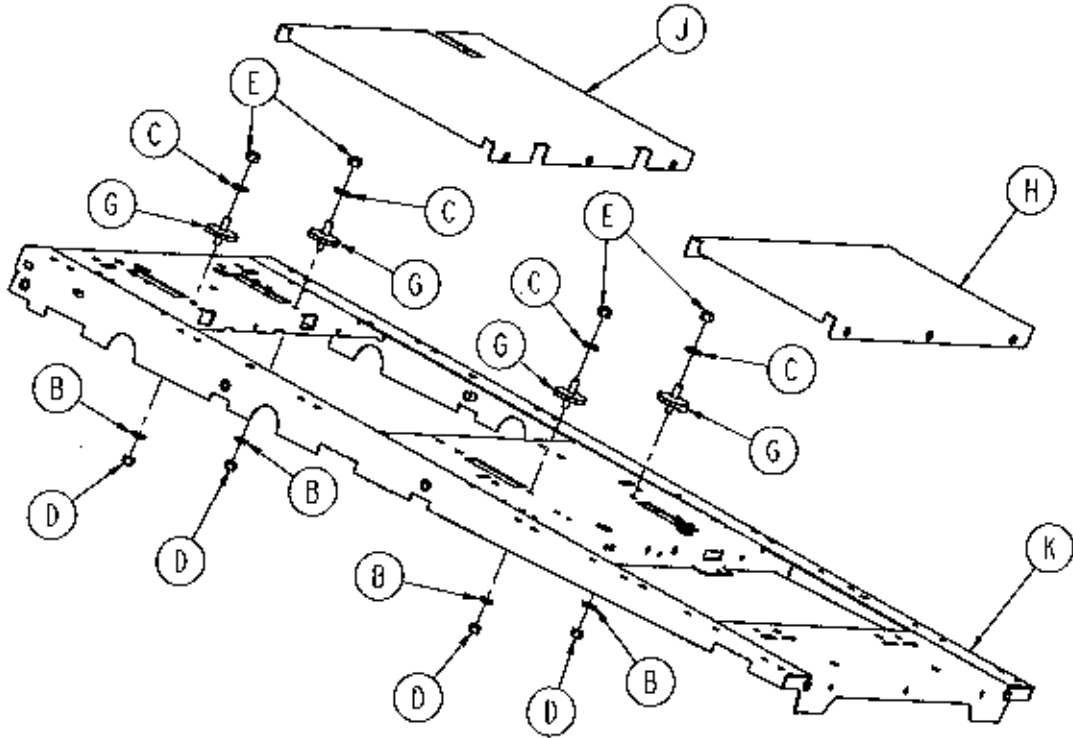
Rev A



Item	Part No.	Part Name	Qty.
A	0004-589-000	Button Head Cap Screw	4
B	6506-001-905	Label, Warning	2
C	6510-101-053	Socket Weldment, Head End	1
D	6516-101-020	Incubator Adaptor Assembly (Airborne Stackable - page 147)	1

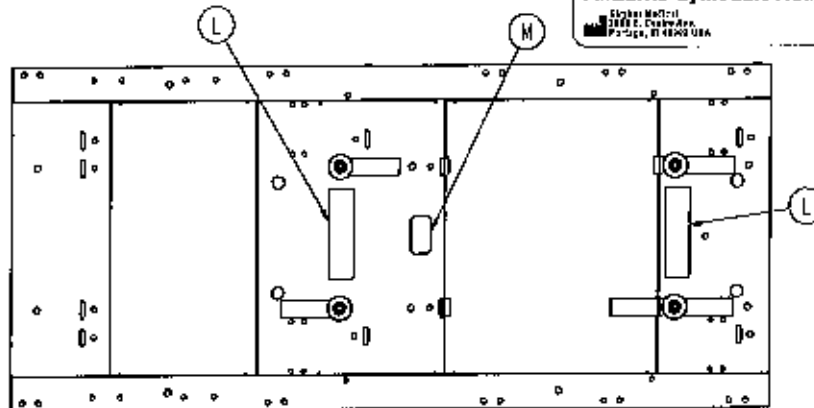
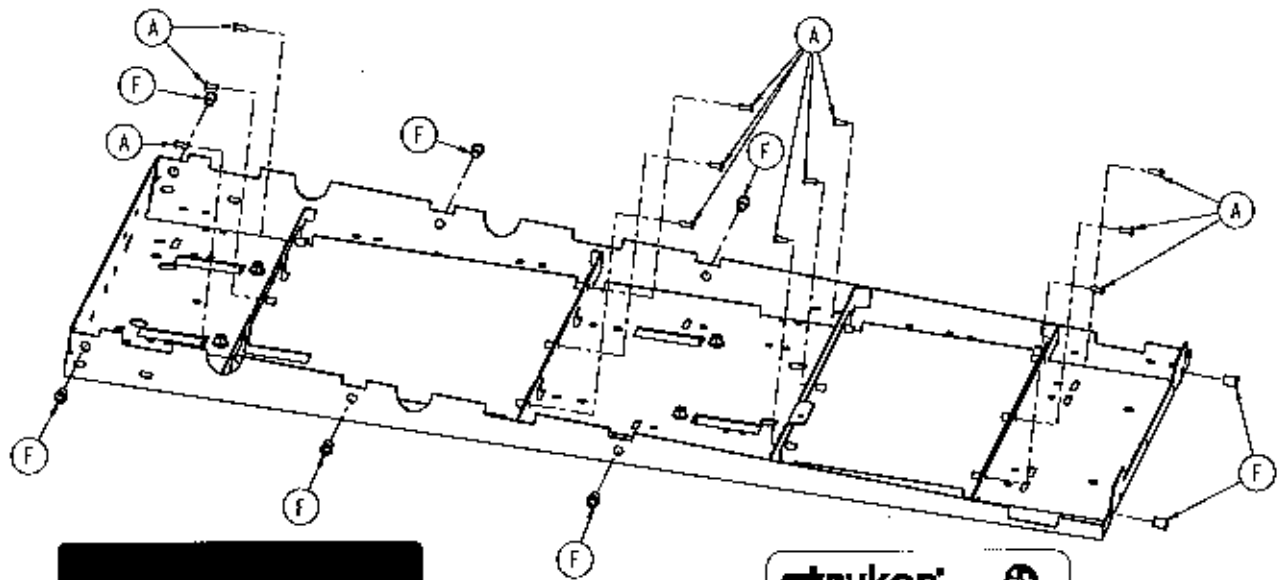
Incubator Adaptor Assembly - Airborne Stackable

6516-101-020 Rev A (Reference Only)



[Return To Table of Contents](#)

Incubator Adapter Assembly - Airborne Stackable

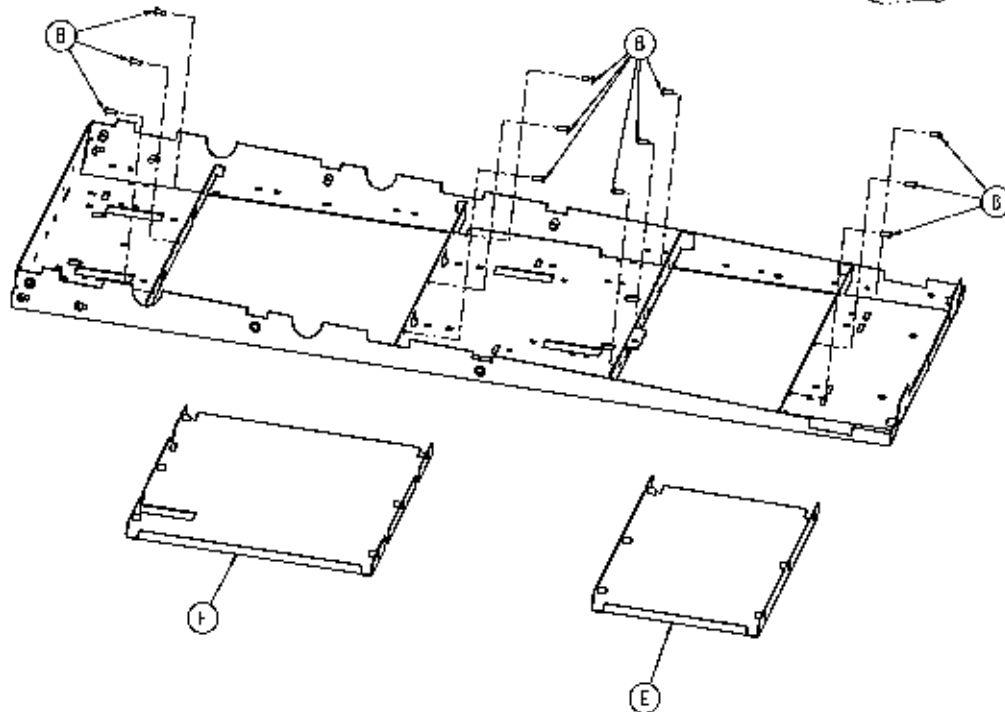
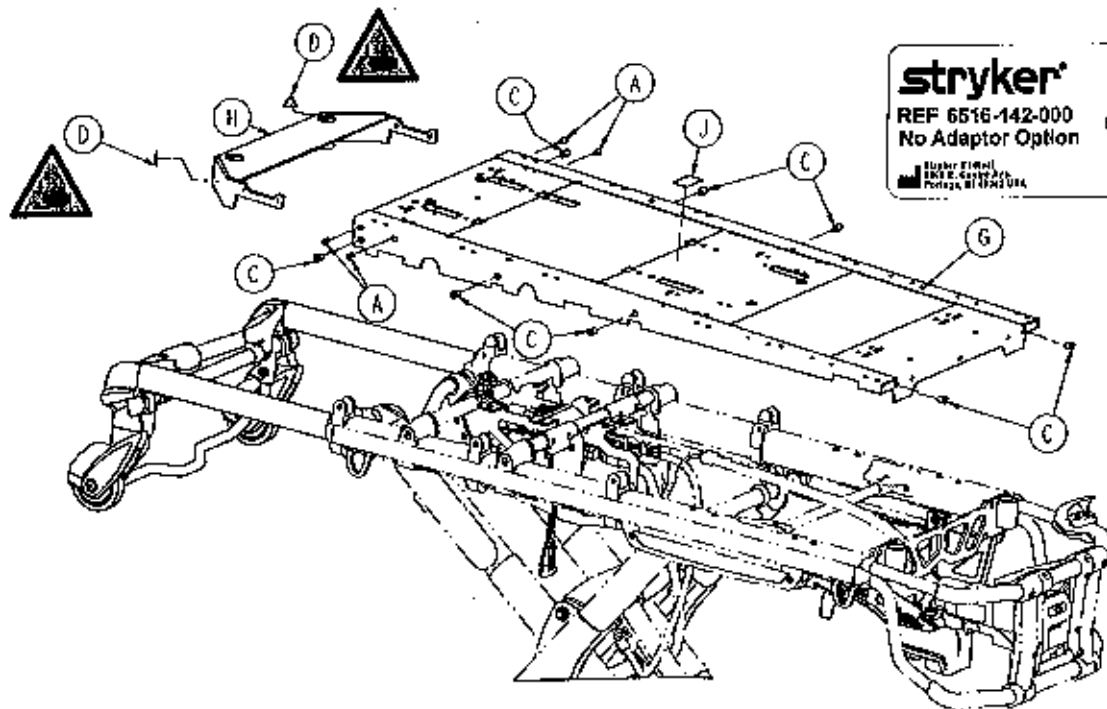


Incubator Adaptor Assembly - Airborne Stackable - 6516-101-020 Rev A (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-634-000	Button Head Cap Screw	12
B	0011-077-000	Washer	4
C	0011-447-000	Washer	4
D	0016-028-000	Fiberlock Hex Nut	4
E	0016-036-000	Nylock Hex Nut	4
F	0055-100-076	1/4-20 Riv Nut	8
G	6081-201-020	Mounting Stud	4
H	6510-001-021	Skin Assembly	1
J	6510-001-022	Skin Assembly	1
K	6510-001-050	Main Litter Weldment	1
L	6510-101-128	Label, Warning	2
M	6516-101-105	Label, Spec	1

No Adapter Assembly Option, Air Sled - 6516-142-000

Rev A



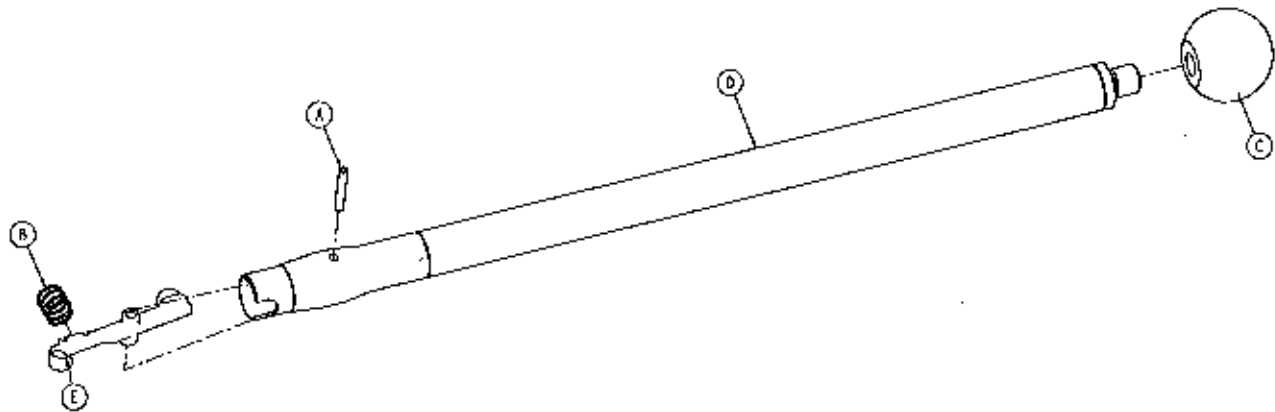
Item	Part No.	Part Name	Qty.
A	0004-589-000	Button Head Cap Screw	4
B	0004-634-000	Button Head Cap Screw	12
C	0055-100-076	1/4"-20 Riv Nut	8
D	6506-001-905	Label, Warning	2
E	6510-001-021	Skin Assembly	1
F	6510-001-022	Skin Assembly	1
G	6510-001-050	Main Litter Weldment	1
H	6510-101-053	Socket Weldment, Head End	1
J	6516-101-124	Label, Spec, No Adapter Option	1

Return To Table of Contents

Rigid Push Bar, Foot End - 6516-040-000 / Rigid Push Bar, Head End - 6516-031-000

Rev B

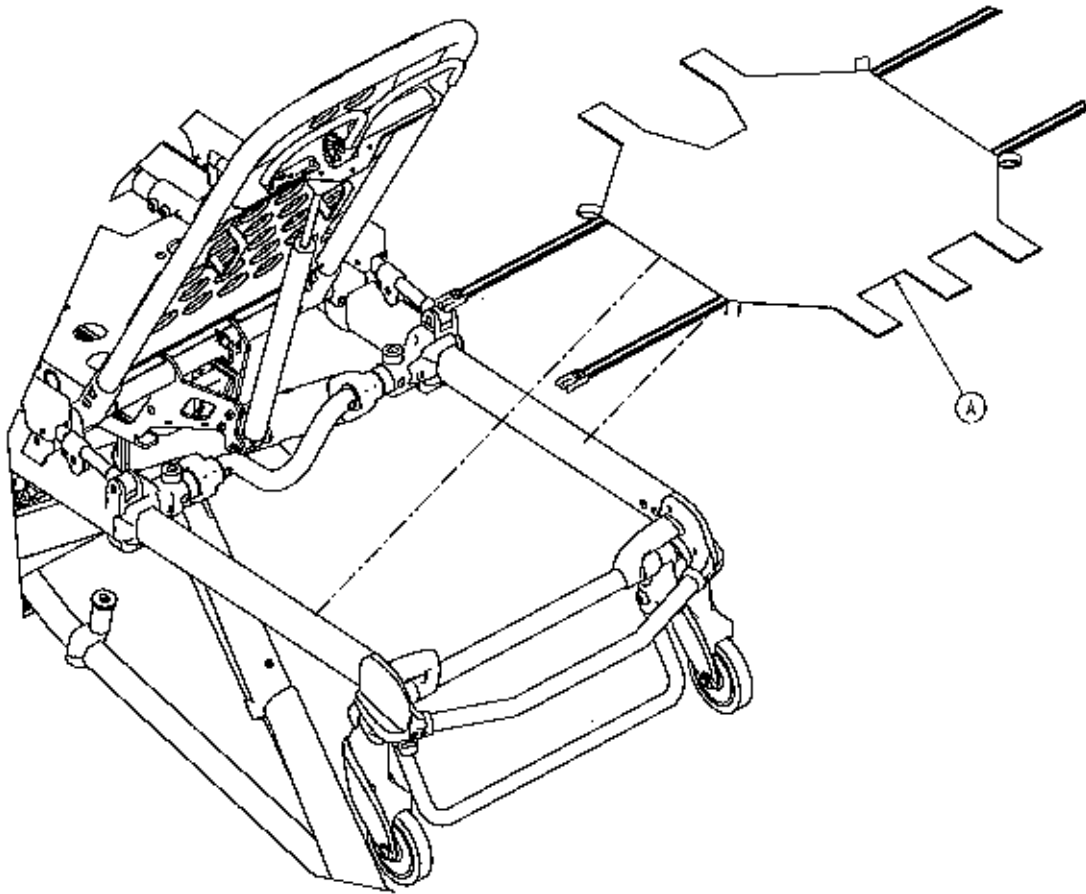
6550-001-026 Rev B (Reference Only)



Item	Part No.	Part Name	Qty.
A	0026-387-000	Slotted Spring Pin	1
B	0036-589-000	Compression Spring	1
C	6510-001-119	Handle Ball	1
D	6550-001-067	Handle Weldment	1
E	6550-001-100	Push Bar Lock Button	1

Head End Storage Flat - 6500-128-000

Rev A

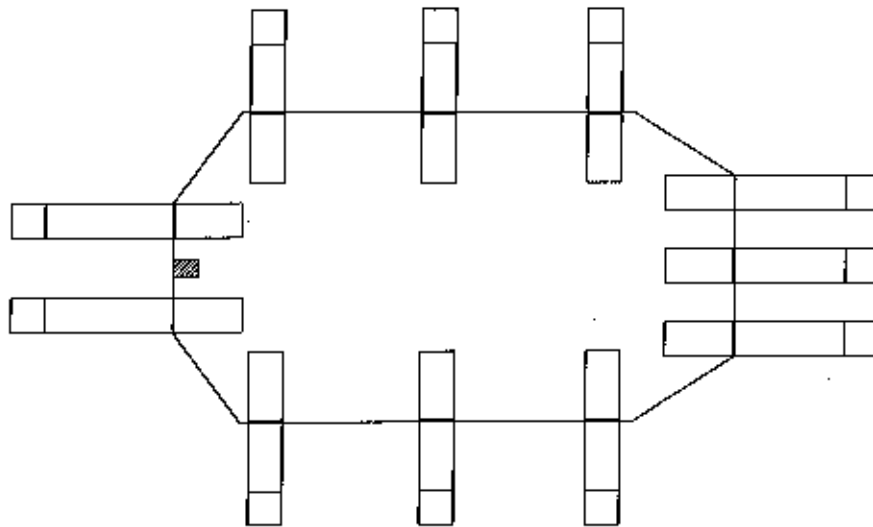


Item	Part No.	Part Name	Qty.
A	6500-001-232	Head End Storage Flat	1

[Return To Table of Contents](#)

Base Storage Net - 6500-160-000

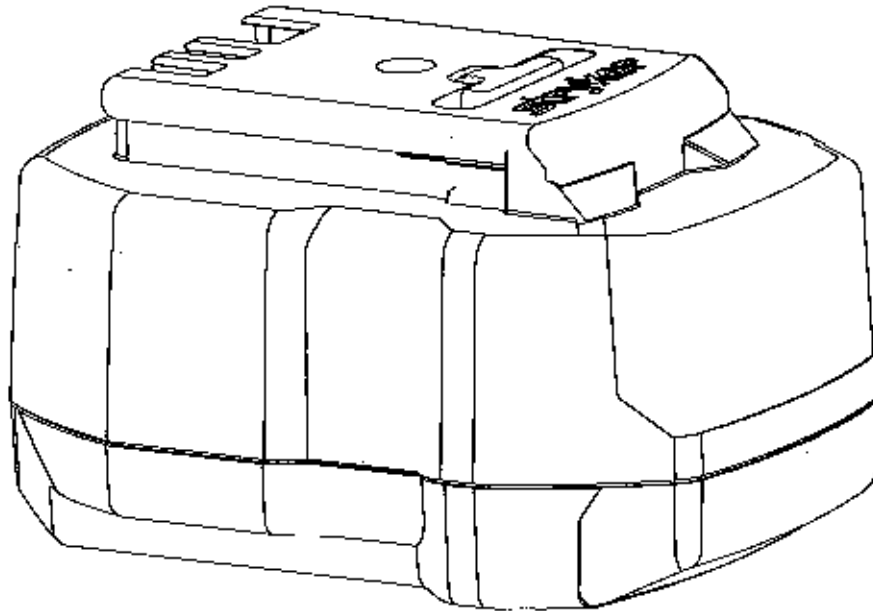
6500-001-126 Rev D (Reference Only)



Battery Pack, SMRT - 6500-033-000

Rev A

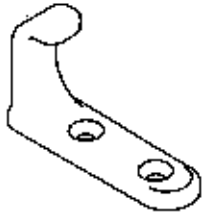
6500-101-010 Rev D (Reference Only)



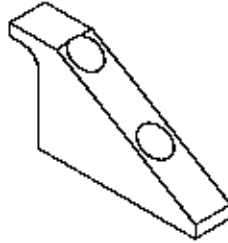
[Return To Table of Contents](#)

**Safety Hook, Short - 6060-036-017/Safety Hook, Long - 6060-
036-018/Safety Hook, J - 6092-036-018**

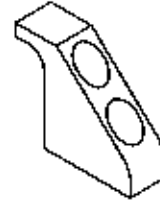
Rev A



6092-036-018
J



6060-036-018
Long



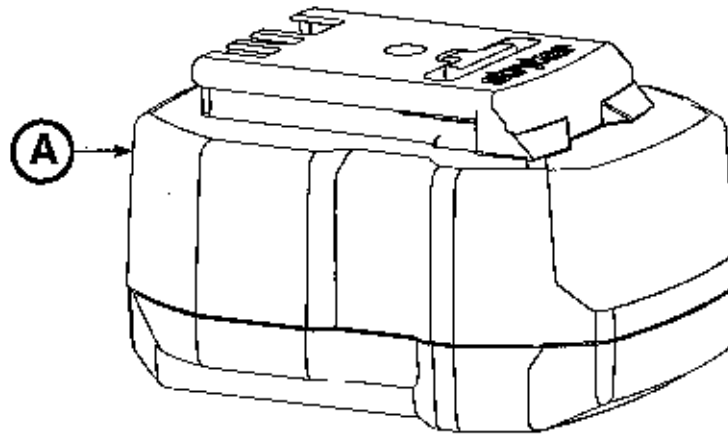
6060-036-017
Short

Recycling Passport

Assembly Part Number: 6500-101-010 (Reference Only)



View of battery



Item	Recycling/Material Code	Important Information	Qty
A	SMRT™ Pak (6500-101-010)	NiCd	2



The Rechargeable Battery Recycling Corporation (RBRC) is a non-profit, public service organization that promotes the recycling of portable rechargeable batteries. Batteries must be delivered to a battery collection site. Visit the RBRC website (www.rbrc.org) to find a nearby collection site or call the phone number shown on the recycling symbol.

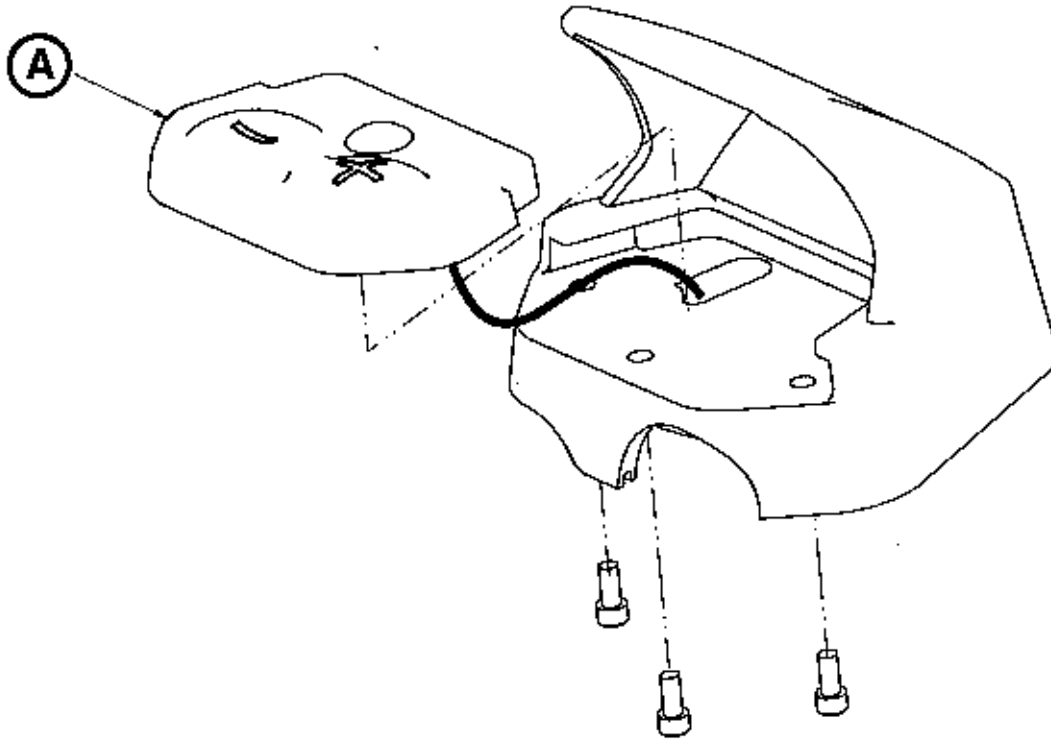
[Return To Table of Contents](#)

Recycling Passport

Assembly Part Number: 6500-101-018 (Reference Only)



Exploded view of switch assembly



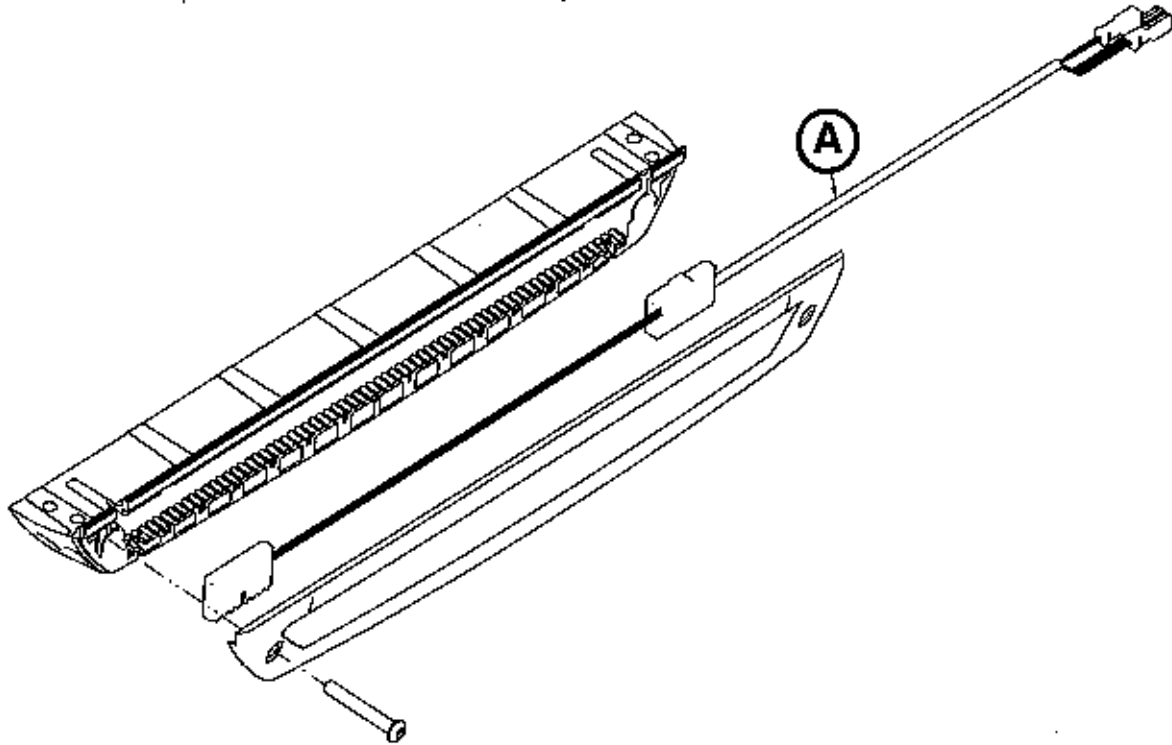
Item	Recycling/Material Code	Important Information	Qty
A	Printed Circuit Board		2

Recycling Passport

Assembly Part Number: 6500-002-028 (Reference Only)



Exploded view of hall sensor assembly



Item	Recycling/Material Code	Important Information	Qty
A	Printed Circuit Board		1

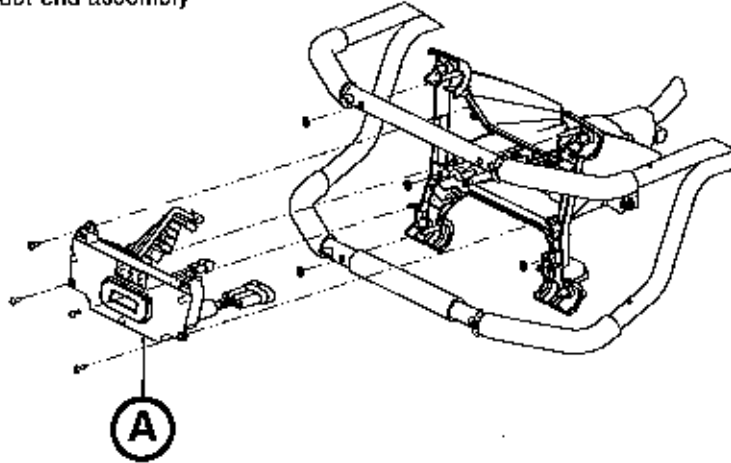
[Return To Table of Contents](#)

Recycling Passport

Assembly Part Number: 6500-102-015 (Reference Only)

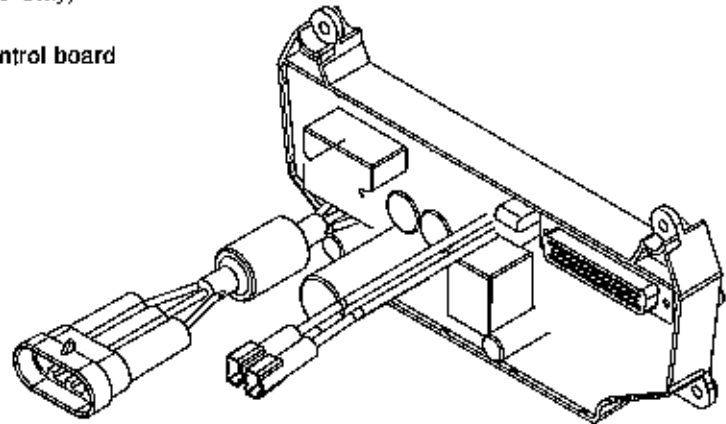


Exploded view of foot end assembly



Assembly Part Number: 6500-001-014 (Reference Only)

Exploded view of electronics control board



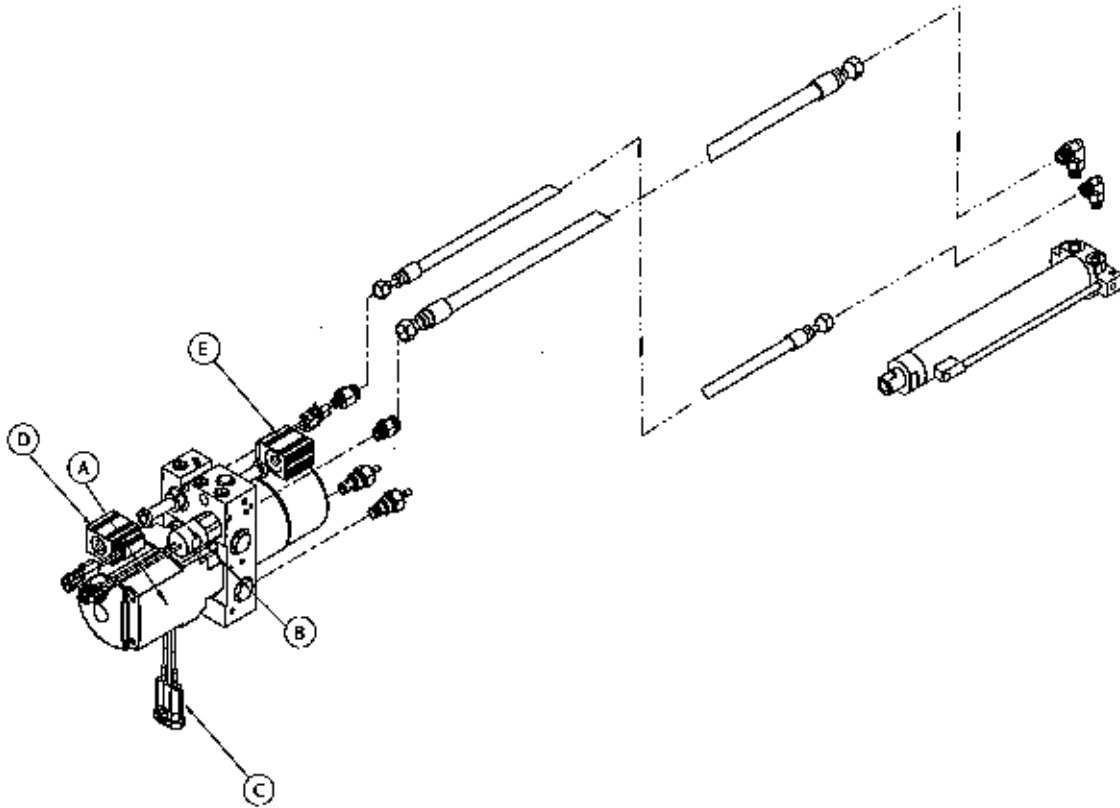
Item	Recycling/Material Code	Important Information	Qty
A	Printed Circuit Board	Contains Liquid Crystal Display	1

Recycling Passport

Assembly Part Number: 6500-001-030 (Reference Only)



Exploded view of hydraulics assembly



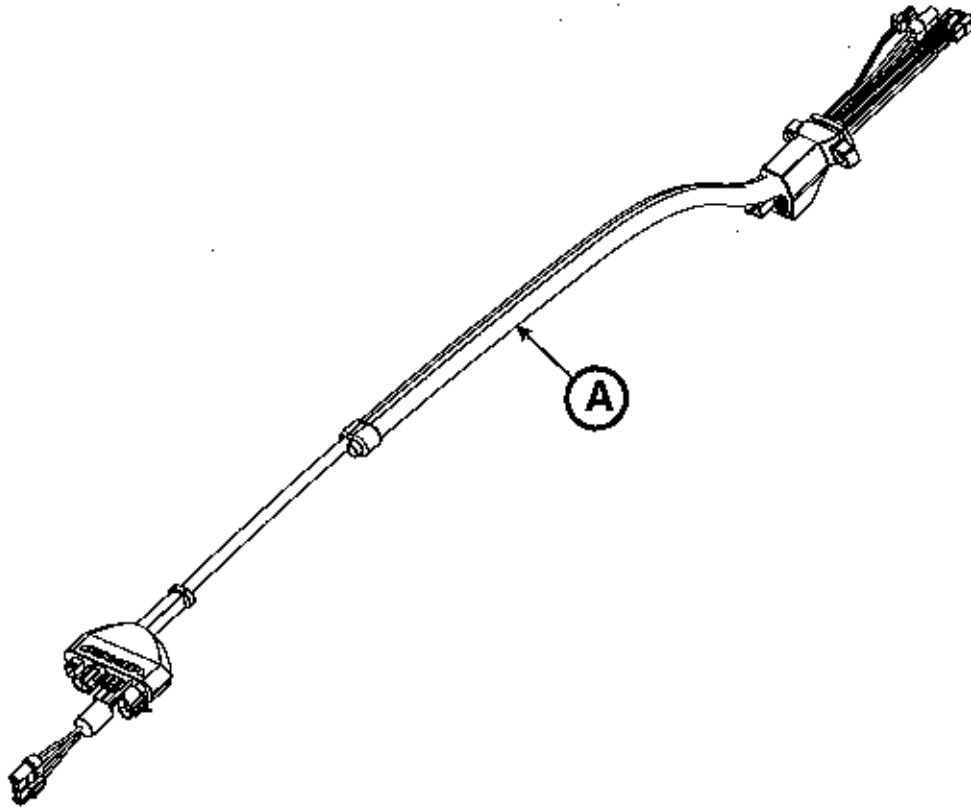
Item	Recycling/Material Code	Important Information	Qty
A	Motor	Contains Automatic Transmission Fluid*	1
B	External Electrical Cable		1
C	External Electrical Cable		1
D	External Electrical Cable		1
E	External Electrical Cable		1

* Mobil Mercon® V Synthetic Blend or equivalent

[Return To Table of Contents](#)

Recycling Passport

Assembly Part Number: 6500-002-159 (Reference Only)



Item	Recycling/Material Code	Important Information	Qty
A	External Electrical Cable		1

Warranty

Stryker EMS, a division of the Stryker Corporation, offers one warranty option in the United States:

Two (2) year parts and labor. Stryker EMS warrants to the original purchaser that its products should be free from manufacturing non-conformances that affect product performance and customer satisfaction for a period of two (2) years after date of delivery. Stryker's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product that is, in the sole discretion of Stryker, found to be defective. Expendable components, i.e. mattresses, restraints, I.V. poles, storage nets, storage pouches, oxygen straps, and other soft goods, have a one (1) year limited warranty.

The Stryker Power-PRO™ IT is designed for a 7 year expected service life under normal use conditions, and with appropriate periodic maintenance as described in the maintenance manual. Stryker warrants to the original purchaser that the welds on the Power-PRO™ IT will be free from structural defects for the expected 7 year life of the product as long as the original purchaser owns the product. Original purchasers will also obtain a three (3) year limited parts warranty for the X-frame components of the Power-PRO cot and a three (3) year limited power train warranty covering the motor pump assembly and hydraulic cylinder assembly. Stryker's obligation under this three (3) year limited warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any part that is, in the sole discretion of Stryker, found to be defective.

SMRT™ Power Warranties. Stryker EMS warrants the SMRT™ Charger for the same duration as the Stryker product for which it is furnished. All SMRT™ Paks are warranted to be free from manufacturing non-conformances that affect product performance and customer satisfaction for a period of one (1) year.

Upon Stryker's request, purchaser shall return to Stryker's factory any product or part (freight prepaid by Stryker) for which an original purchaser makes a warranty claim.

Any improper use or alteration or repair by unauthorized service providers in such a manner as in Stryker's judgment affects the product materially and adversely, shall void this warranty. Any repair of Stryker products using parts not provided or authorized by Stryker shall void this warranty. No employee or representative of Stryker is authorized to change this warranty in any way.

This statement constitutes Stryker EMS's entire warranty with respect to the aforesaid equipment. STRYKER MAKES NO OTHER WARRANTY OR REPRESENTATION EITHER EXPRESSED OR IMPLIED, EXCEPT AS SET FORTH HEREIN. THERE IS NO WARRANTY OF MERCHANTABILITY AND THERE ARE NO WARRANTIES OF FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT SHALL STRYKER BE LIABLE HEREUNDER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM OR IN ANY MANNER RELATED TO SALES OR USE OF ANY SUCH EQUIPMENT.

Warranty

STRYKER EMS RETURN POLICY

Cots, Stair Chairs, Evacuation Chairs, Cot Fasteners and Aftermarket Accessories may be returned up to 180 days of receipt if they meet the following guidelines:

Prior to 30 Days

- 30 day money back guarantee in effect
- Stryker EMS is responsible for all charges
- Returns will not be approved on modified items

Prior to 90 Days

- Product must be **unused, undamaged** and in the original packaging
- Customer is responsible for a 10% restocking fee

Prior to 180 Days

- Product must be **unused, undamaged** and in the original packaging
- Customer is responsible for a 25% restocking fee

RETURN AUTHORIZATION

Stryker customer service department must approve any merchandise return and will provide an authorization number to be printed on any returned merchandise. Stryker reserves the right to charge shipping and restocking fees on returned items. **SPECIAL, MODIFIED, OR DISCONTINUED ITEMS NOT SUBJECT TO RETURN.**

DAMAGED MERCHANDISE

ICC Regulations require that claims for damaged merchandise must be made with the carrier within fifteen (15) days of receipt of merchandise. **DO NOT ACCEPT DAMAGED SHIPMENTS UNLESS SUCH DAMAGE IS NOTED ON THE DELIVERY RECEIPT AT THE TIME OF RECEIPT.** Upon prompt notification, Stryker will file a freight claim with the appropriate carrier for damages incurred. Claim will be limited in amount to the actual replacement cost. In the event that this information is not received by Stryker within the fifteen (15) day period following the delivery of the merchandise, or the damage was not noted on the delivery receipt at the time of receipt, the customer will be responsible for payment of the original invoice in full.

Claims for any short shipment must be made within thirty (30) days of invoice.

INTERNATIONAL WARRANTY CLAUSE

This warranty reflects U.S. domestic policy. Warranty outside the U.S. may vary by country. Please contact your local Stryker Medical representative for additional information.

PATENT INFORMATION

The Stryker **Power-PRO™** IT cot is covered by one or more of the following patents:

United States 5,537,700 5,575,026 6,808,133 7,398,571 7,540,047

Other patents pending

The Stryker **SMRT™** Power System is covered by one or more of the following patents:

United States 5,977,746 6,018,227

Other patents pending

EMC Information

POWER-PRO™ IT

Guidance and manufacturer's declaration - electromagnetic emissions		
The Model 6516 Power-PRO™ IT cot is intended for use in the electromagnetic environment specified below. The customer or the user of the Model 6516 Power-PRO™ IT cot should assure that it is used in such an environment.		
Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The Model 6516 Power-PRO™ IT cot uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Group 2	The Model 6516 Power-PRO™ IT cot must emit electromagnetic energy in order to perform its intended function. Nearby electronic equipment may be affected.
RF emissions CISPR 11	Cot: Class A	The Model 6516 Power-PRO™ IT cot is suitable for use in all establishments other than domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
	SMRT™ Charger (6500-201-010): Class A	The SMRT™ Charger is suitable for use in all establishments other than domestic establishments other than domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Cot: N/A	Not applicable
	SMRT™ Charger (6500-201-010): Class A	
Voltage fluctuations flicker emissions IEC 61000-3-3	Cot: N/A	Not applicable
	SMRT™ Charger (6500-201-010): Complies	

EMC Information

POWER-PRO™ IT (CONTINUED)

Guidance and manufacturer's declaration - electromagnetic immunity			
The Model 6516 Power-PRO™ IT cot is intended for use in the electromagnetic environment specified below. The customer or user of the Model 6516 Power-PRO™ IT cot should assure that it is used in such an environment.			
IMMUNITY test	EN/IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
Electrostatic discharge (ESD) EN/IEC 61000-4-2	±6 kV contact ±8 kV air	±8 kV contact ±8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%. Applies to: • Cot • SMRT™ Charger (6500-201-010)
Electrostatic fast transient/burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/output lines	±2 kV for power supply lines ±1 kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment. Applies to: • SMRT™ Charger (6500-201-010)
Surge IEC 61000-4-5	±8 kV differential mode ±2 kV common mode	±8 kV differential mode ±2 kV common mode	Mains power quality should be that of a typical commercial or hospital environment. Applies to: • SMRT™ Charger (6500-201-010)
Voltage dips, short interruptions, and voltage variations on power supply input lines IEC 61000-4-11	<5% U_T (>95% dip in U_T) for 0,5 cycle 40% U_T (60% dip in U_T) for 5 cycles 70% U_T (30% dip in U_T) for 25 cycles <5% U_T (>95% dip in U_T) for 5 seconds	<5% U_T (>95% dip in U_T) for 0,5 cycle 40% U_T (60% dip in U_T) for 5 cycles 70% U_T (30% dip in U_T) for 25 cycles <5% U_T (>95% dip in U_T) for 5 seconds	Mains power quality should be that of a typical commercial or hospital environment. If the user of the charger requires continued operation during power main interruptions, it is recommended that the device be powered from an uninterrupted power supply or a battery.
Power frequency (50/60Hz) magnetic field EN/IEC 61000-4-8	3A/m	3A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment. Applies to: - Cot • SMRT™ Charger (6500-201-010)
Note: U_T is the alternating current mains voltage prior to application of the test level.			


EMC Information

POWER-PRO™ IT (CONTINUED)

Guidance and manufacturer's declaration - electromagnetic immunity			
The Model 8516 Power-PRO™ IT cot is intended for use in the electromagnetic environment specified below. The customer or user of the Model 8516 Power-PRO™ IT cot should assure that it is used in such an environment.			
IMMUNITY test	EN/IEC 80601 test level	Compliance level	Electromagnetic environment - guidance
Conducted RF EN/IEC 81000-4-6	3 Vrms 150 kHz to 80 MHz	3 Vrms	<p>Portable and mobile RF communications equipment should be used no closer to any part of the model 8516 Power-PRO™ IT cot, including cables, than the recommended separation distance calculated from the equation appropriate for the frequency of the transmitter.</p> <p>Recommended separation distance $d=1.2\sqrt{P}$</p> <p>Applies to:</p> <ul style="list-style-type: none"> • SMRT™ Charger (6500-201-010)

EMC Information

POWER-PRO™ IT (CONTINUED)

Guidance and manufacturer's declaration - electromagnetic immunity			
<p>The Model 6516 Power-PRO™ IT cot is intended for use in the electromagnetic environment specified below. The customer or user of the Model 6516 Power-PRO™ IT cot should assure that it is used in such an environment.</p>			
IMMUNITY test	EN/IEC 60801 test level	Compliance level	Electromagnetic environment - guidance
Radiated RF EN/IEC 61000-4-3	20 V/m 80 MHz to 2,5 GHz	20 V/m	<p>Portable and mobile RF communications equipment should be used no closer to any part of the Model 6516 Power-PRO™ IT cot, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance:</p> <p>$D=(1.2)(\sqrt{P})$</p> <p>$D=(0.18)(\sqrt{P})$ 80 MHz to 800 MHz</p> <p>$D=(0.35)(\sqrt{P})$ 800 MHz to 2,5 GHz</p> <p>where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m).</p> <p>Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, ^a should be less than the compliance level in each frequency range. ^b</p> <p>Interference may occur in the vicinity of equipment with the following symbol:</p> <div style="text-align: center;">  </div>
<p>NOTE 1: At 80 MHz and 800 MHz, the higher frequency range applies.</p> <p>NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.</p>			
<p>^a Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast, and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the Model 6516 Power-PRO™ IT cot is used exceeds the applicable RF compliance level above, the Model 6516 Power-PRO™ IT cot should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the Model 6516 Power-PRO™ IT cot.</p> <p>^b Over the frequency range 150 kHz to 80 MHz, field strengths are less than 20 V/m.</p>			

Return To Table of Contents

EMC Information

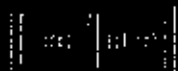
POWER-PRO™ IT (CONTINUED)

Recommended separations distances between portable and mobile RF communication equipment and the Model 6516 Power-PRO™ IT cot			
<p>The Model 6516 Power-PRO™ IT cot is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Model 6516 Power-PRO™ IT cot can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Model 6516 Power-PRO™ IT cot as recommended below, according to the maximum output power of the communications equipment.</p>			
Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz $D=(1.2)(\sqrt{P})$	80 MHz to 800 MHz $D=(0.18)(\sqrt{P})$	800 MHz to 2,5 GHz $D=(0.35)(\sqrt{P})$
0.01	0.12	0.018	0.035
0.1	0.38	0.57	0.11
1	1.2	0.18	0.35
10	3.8	0.57	1.1
100	12	1.8	3.5
<p>For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.</p>			
<p>NOTE 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.</p>			
<p>NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.</p>			

[Return To Table of Contents](#)



Styker Medical
10000 Lakeside Avenue
Cincinnati, Ohio 45246
Tel: 513-763-1000



Styker Medical, Inc.
20000 Lakeside Drive
Cincinnati, Ohio 45246
USA

Styker Inc.

www.styker.com



Styker Medical

www.styker.com