IMPORTANT
File in your maintenance records

stryker®
Medical

978 Concealacare® Stretcher

MAINTENANCE MANUAL

For Parts or Technical Assistance:
1–800–327–0770

Table of Contents

INTRODUCTION

This manual is designed to assist you with the maintenance of the 978 Concealacare® Stretcher. Read it thoroughly before beginning any maintenance on the stretcher.

SPECIFICATIONS

Maximum Weight Capacity	500 pounds
Overall Bed Length \ Width	79” \ 28”
Patient Surface Length\Width	76”\24”
Minimum \ Maximum Bed Height	22” \ 35”
Trendelenberg/Reverse Trendelenberg	–12° to +12°

WARNING / CAUTION / NOTE DEFINITION

The words WARNING, CAUTION and NOTE carry special meanings and should be carefully reviewed.

WARNING

The personal safety of the patient or user may be involved. Disregarding this information could result in injury to the patient or user.

CAUTION

These instructions point out special procedures or precautions that must be followed to avoid damaging the equipment.

NOTE

This provides special information to make maintenance easier or important instructions clearer.

Cleaning

Hand wash all surfaces of the stretcher with warm water and mild detergent. Dry thoroughly. DO NOT STEAM CLEAN, PRESSURE WASH, HOSE OFF OR ULTRASONICALLY CLEAN. Using these methods of cleaning is **not** recommended and may void this product's warranty.
Clean Velcro **AFTER EACH USE**. Saturate Velcro with disinfectant and allow disinfectant to evaporate. (Appropriate disinfectant for nylon Velcro should be determined by the hospital.)

In general, when used in those concentrations recommended by the manufacturer, either phenolic type or quaternary type disinfectants can be used. Iodophor type disinfectants are not recommended for use because staining may result. The following products have been tested and have been found not to have a harmful effect on fabrics WHEN USED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDED DILUTION.*

TRADE NAME	DISINFECTANT TYPE	MANUFACTURER	*MANUFACTURER'S RECOMMENDED DILUTION
A33	Quaternary	Airwick (Professional Products Division)	2 ounces/gallon
A33 (dry)	Quaternary	Airwick (Professional Products Division)	1/2 ounce/gallon
Beaucoup	Phenolic	Huntington Laboratories	1 ounce/gallon
Blue Chip	Quaternary	S.C. Johnson	2 ounces/gallon
Elimstaph	Quaternary	Walter G. Legge	1 ounce/gallon
Franklin Phenomysan F2500	Phenolic	Purex Corporation	1 1/4 ounce/gallon
Franklin Sentinel	Quaternary	Purex Corporation	2 ounces/gallon
Galahad	Phenolic	Puritan Churchill Chemical Company	1 ounce/gallon
Hi–Tor	Quaternary	Huntington Laboratories	1/2 ounce/gallon
LPH	Phenolic	Vestal Laboratories	1/2 ounce/gallon
Matar	Phenolic	Huntington Laboratories	1/2 ounce/gallon
Omega	Quaternary	Airwick (Professional Products Division)	1/2 ounce/gallon
Quanto	Quaternary	Huntington Laboratories	1 ounce/gallon
Sanikleen	Quaternary	West Chemical Products	2 ounces/ gallon
Sanimaster II	Quaternary	Service Master	1 ounce/gallon
Vesphene	Phenolic	Vestal Laboratories	1 1/4 ounce/ gallon

Quaternary Germicidal Disinfectants, used as directed, and/or Chlorine Bleach products, typically 5.25% Sodium Hypochlorite in **dilutions ranging between 1 part bleach to 100 parts water, and 2 parts bleach to 100 parts water are not considered mild detergents. These products are corrosive in nature and may cause damage to your stretcher if used improperly.** If these types of products are used to clean Stryker patient handling equipment, measures must be taken to insure the stretchers are rinsed with clean water and thoroughly dried following cleaning. Failure to properly rinse and dry the stretchers will leave a corrosive residue on the surface of the stretcher, possibly causing premature corrosion of critical components.

NOTE

Failure to follow the above directions when using these types of cleaners may void this product's warranty.

REMOVAL OF IODINE COMPOUNDS

This solution may be used to remove iodine stains from mattress cover and foam footrest pad surfaces.

1. Use a solution of 1–2 tablespoons Sodium Thiosulfate in a pint of warm water to clean the stained area. Clean as soon as possible after staining occurs. If stains are not immediately removed, allow solution to soak or stand on the surface.
2. Rinse surfaces which have been exposed to the solution in clear water before returning bed to service.

Preventative Maintenance

CHECKLIST

_____ All fasteners secure (reference all assembly prints)
_____ All casters lock with brake pedal engaged (page 12)
_____ Steer function working properly
_____ All casters secure and swivel properly
_____ Restraint straps working properly
_____ No rips or cracks in mattress cover
_____ Ground chain intact
_____ Trendelenberg/Reverse Trendelenberg operating properly
_____ No leaks at hydraulic connections
_____ Hydraulic jacks holding properly (page 8)
_____ Hydraulic drop rate set properly (page 9)
_____ Hydraulic oil level sufficient (page 9)
_____ Lubricate where required, including the brake adjuster assembly and brake cam (page 12)

Serial No._____

_____

_____

_____

_____

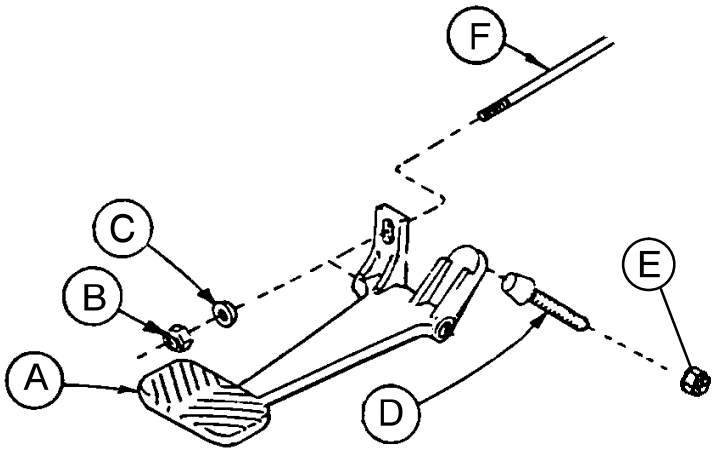
Completed By:_____ Date:_____

PEDAL LINKAGE ADJUSTMENT

Required Tools:

7/16 Open End Wrench 1/2 Open End Wrench (2) Wooden Blocks (10–12” in length)

Adjustment Procedure:



1. Pump the litter up to full height.
2. Lift the base hood, separating the hood from the base frame. Using the wooden blocks, support the base hood.
3. The descent pedals should be level with each other and there should be approximately 4 inches between the floor and the bottom of the pedal. To raise the pedal height, use a 1/2 open end wrench to loosen the hex jam nut (E). Using your hand, turn the screw (D) into the bracket. To lower the pedal height, loosen the screw. Tighten the hex jam nut (E) after the correct height is achieved.
4. Once the pedals are level, the release rod can be adjusted. Using a 7/16 wrench, turn nut (B) clockwise to shorten the release length and counterclockwise to increase the length.
5. Depress the pedal and be sure the jack descent is triggered when the pedal is approximately one inch from the floor. The descent should stop when the pedal is released and the jack height should hold. Repeat the above procedures for the descent pedal at the other end of the bed.
6. After adjusting each descent pedal individually, depress both pedals at the same time. Both jacks should start descending when the pedals are approximately one inch from the floor. The foot end should lower slightly faster than the head end. If it does not, see procedure for adjusting the jack descent rate.
7. Remove the wooden blocks supporting the base hood and secure the hood to the base frame.

REMOVAL OF EXCESS AIR (VACUUM) FROM THE HYDRAULIC SYSTEM

1. Verify all hydraulic linkages are secure and operating properly (see pedal linkage adjustment procedure above).
2. Using pump pedal, actuate system several times. This will force the air through the system and the jack should now pump up.

CASTER ASSEMBLY REPLACEMENT*

Required Tools:

1/8 Roll Pin Punch	Drill with 1/8 inch Drill Bit	Flat Punch (any size larger than 1/8)
Hammer	Needle Nose Pliers	Floor Jack
3/4 Inch Wrench	1 Inch Wrench	(2) Wooden Blocks (10–12” in length)
Torque Wrench (w/ Ft. Lbs. Adjust.)		

Replacement Procedure:

1. Pump the litter up to full height.
2. Lift the base hood, separating the hood from the base frame. Using the wooden blocks, support the base hood.
3. Using a 1/8 roll pin punch and hammer, remove roll pin located in center of lug nut holding wheel assembly to base frame.
4. Carefully remove the plastic wheel covers.
5. Using a floor jack, lift base frame approximately 4 inches off the ground.
6. While holding the cap screw with a 3/4 inch wrench, turn the lug nut with a 1 inch wrench to loosen the wheel assembly from the base frame. Remove the wheel.
7. Install the new wheel assembly with new lug nut and tighten down to 60 – 65 foot–pounds torque.

WARNING
Never reuse the old lug nut, cap screw or roll pin once removed from base frame.

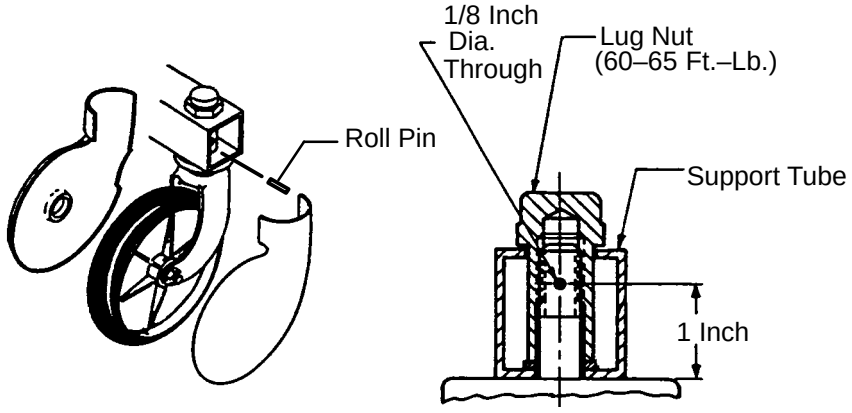
8. Lower the floor jack and set aside to be used, if needed, with another wheel.
9. Drill a 1/8 hole in center of lug nut, going completely through the lug nut.

CAUTION

Be careful not to ”oblong” the hole in the lug nut when drilling.

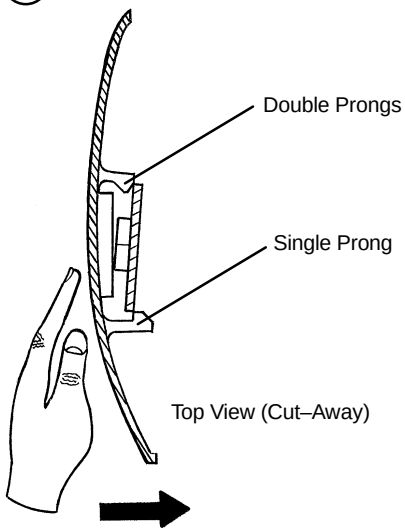
10. Using needle nose pliers, hold on to roll pin and tap into place. Finish driving roll pin with a flat head punch and a hammer until flush with the lug nut.
11. Install plastic wheel covers onto wheel.
12. Remove the wooden blocks supporting the base hood and secure the hood to the base frame.

***Replacement Part Number 715–100–127 (Caster and Cover Assembly)**



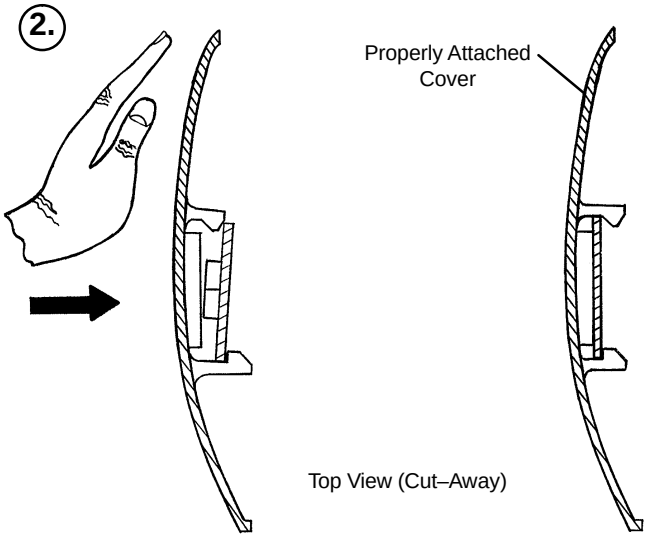
CASTER COVER INSTALLATION AND REMOVAL

1.



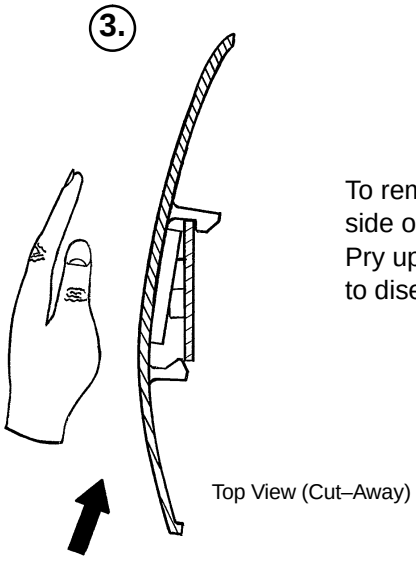
Looking through the larger of the two side cut–outs, align cover with axle nut or bolt head, as shown. Push down on the opposite side of the cover until single prong engages with caster horn.

2.



Push with palm on cover until double prongs engage.

3.



To remove wheel cover, insert large screwdriver into cut–out in side of wheel cover and into the space between the double prongs. Pry up cover to disengage double prongs and push sharply upward to disengage single prong.

HYDRAULIC SYSTEM TROUBLESHOOTING

NOTE
Be sure the pedal linkage has been adjusted properly before beginning service on the jacks (see page 5).

PROBLEM/SYMPTOM	SOLUTION
Jack will not raise to full height.	Add hydraulic fluid (see p.9). Check for leaks.
Jack will not hold in raised position.	Close the needle valve completely. If the jack holds, replace valve #1 (see p. 14). If the jack does not hold, replace valve #2 (see p. 15).
Jack will not pump up and the jack actuator rod **does not** move.	Close the needle valve. If the jack will now pump up, replace valve #1. If the jack still will not pump up after closing the needle valve, replace valve #3 (see p. 15).
Jack will not pump up but the jack actuator rod **does** move when the pump pedal is activated.	Replace valve #2 (see p. 15).
Jack will not pump up and the jack actuator rod may or may not move.	Remove excess air (vacuum) in system (see p. 9).

Contact Stryker technical service at 1–800–327–0770 for further assistance.

CHECKING HYDRAULIC FLUID LEVEL

Required Tools:

3/8 Open End Wrench 3/4 Open End Wrench

Procedure:

WARNING
To avoid personal injury or damage to the stretcher, remove the litter and the base hood before beginning service on the jacks.

1. Using a 3/8 open end wrench, remove square head set screws from both head and foot end jack support tubes. Remove litter top and set aside.
2. Lift base hood off base frame and set aside.
3. Be sure there are no hydraulic leaks. If there are, jack replacement will be necessary.
4. Lower the jack to the full down position.
5. Using a 3/4 open end wrench, slowly turn the fill plug located on the side of the reservoir counterclockwise to allow excess system pressure to vent. Remove the fill plug.
6. The hydraulic fluid should be visible at the bottom of the fill hole. If it is not, add Mobil Aero HFA hydraulic fluid (Stryker part number 2020–70–475) until the fluid is visible at the bottom of the fill hole. Replace the fill plug.

CAUTION
Use of other types of oil may damage hydraulic units.

7. Replace the hood and the litter.

JACK DESCENT RATE ADJUSTMENT

Required Tools:

Screwdriver (2) Wooden Blocks (10 – 12 inches in length)

Adjustment Procedure:

1. Pump the litter up to full height.
2. Lift the base hood, separating the hood from the base frame. Using the wooden blocks, support the base hood.
3. The descent rate needle valve is located on the base of the jack. Turning the needle valve clockwise, with a screwdriver, will decrease the rate of descent. Turning it counterclockwise will increase the rate of descent.
4. Adjust the needle valve so that the foot end of the stretcher descends slightly faster than the head end.

NOTE
The larger percentage of a patient's weight is located in the torso area. Adjust descent rate accordingly.

5. Remove the wooden blocks supporting the base hood and secure the hood to the base frame.

NOTE
The jack descent rate was preset at the factory to drop the foot end faster than the head. It is recommended that the foot drop faster to avoid patient disorientation.

HYDRAULIC CHECK VALVE REPLACEMENT

Required Tools:

3/8 Open End Wrench	Stiff Wire (with bent, pointed end)	Small Needle Nose Pliers
3/4 Open End Wrench	Torque Wrench (with Ft. Lbs. adjust.)	
7/32 Hex Allen Wrench	1/2 Inch Diameter Rod	

Replacement of Valve #1

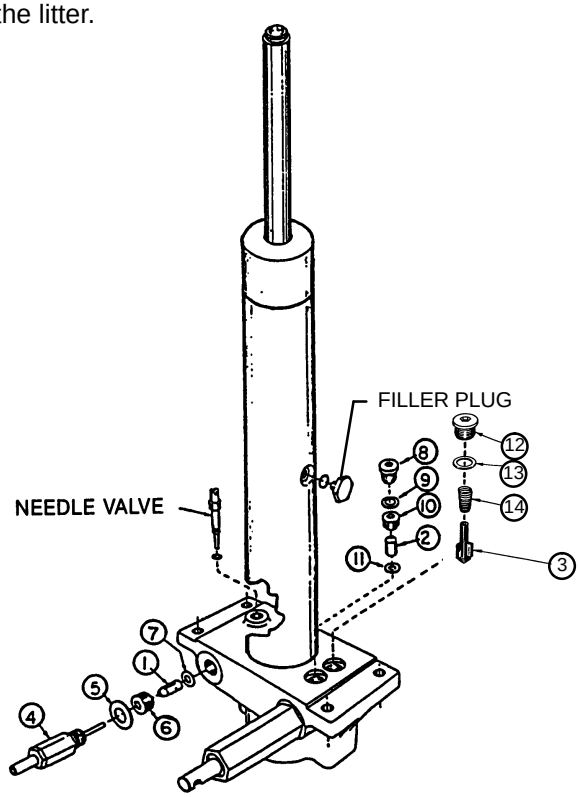
WARNING
To avoid personal injury or damage to the stretcher, remove the litter and the base hood before beginning service on the stretcher.

1. Using a 3/8 open end wrench, remove square head set screws from both head and foot end jack support tubes. Remove litter top and set aside.
2. Lift base hood off base frame and set aside.
3. Lower the jack to full down position. The actuator must be manually lowered while depressing the appropriate release pedal.
4. Remove the pin body assembly (4) with a 3/4 open end wrench and discard the housing gasket (5).

NOTE
Although the hydraulic fluid is not under pressure, some fluid loss will occur. The fluid loss should be minimal but covering the floor is advisable.

5. Using a 7/32 hex Allen wrench, remove the valve plug (6).
6. Using a stiff wire with a bent, pointed end, remove and discard the valve (1) and the seal (7).
7. Install the new seal (7) flat to the bottom of its hole with a 1/2 inch diameter rod and install the new valve (1) with the beveled end out (as shown in the illustration).
8. Install the valve plug (6) with the countersunk end first and the beveled end out. Tighten to 10 foot pounds torque.
9. Install the pin body assembly (4) with the new housing gasket (5) and tighten to 10 foot pounds torque.
10. Pump up the jack to the maximum height. Apply weight to be sure the jack holds its position and there are no hydraulic leaks before replacing the base hood and the litter.

ITEM	PART NO.	PART NAME
1	926–20–153	Check Valve
2	926–20–153	Check Valve
3	715–1–341	Poppet
4	715–100–312	Pin Housing Assembly
5	715–1–330	Housing Gasket
6	715–1–309	Valve Plug
7	926–20–154	Seal
8	715–1–101	Base Plug
9	926–20–156	Seal
10	715–1–309	Valve Plug
11	926–20–154	Seal
12	715–1–301	Base Plug
13	926–20–156	Seal
14	390–2–134	Conical Comp. Spring



HYDRAULIC CHECK VALVE REPLACEMENT (CONT'D)

Replacement of Valve #2

WARNING
To avoid personal injury or damage to the stretcher, remove the litter and the base hood before beginning service on the jacks. Lower the jack rod completely to relieve the pressure on the pump piston side of the jack. This will prevent large hydraulic fluid loss and possible damage when the base plugs are removed.

1. Remove the base plug (8) and discard the seal (9).
2. Remove the valve plug (10).
3. Using a stiff wire with a bent, pointed end, remove the valve (2) and the seal (11) and discard the seal.
4. Install the new seal (11) flat to the bottom of its hole with a 1/2" diameter rod.
5. Install the new valve (2) with the beveled end out (as shown in the illustration).
6. Install the valve plug (10) and tighten to 10 foot–pounds torque.
7. Install the new seal (9) with the base plug (8) and tighten to 10 foot–pounds torque.
8. Pump up the jack to the maximum height.
9. Be sure there are no hydraulic leaks before replacing the base hood and the litter.

Replacement of Valve (Poppet) #3

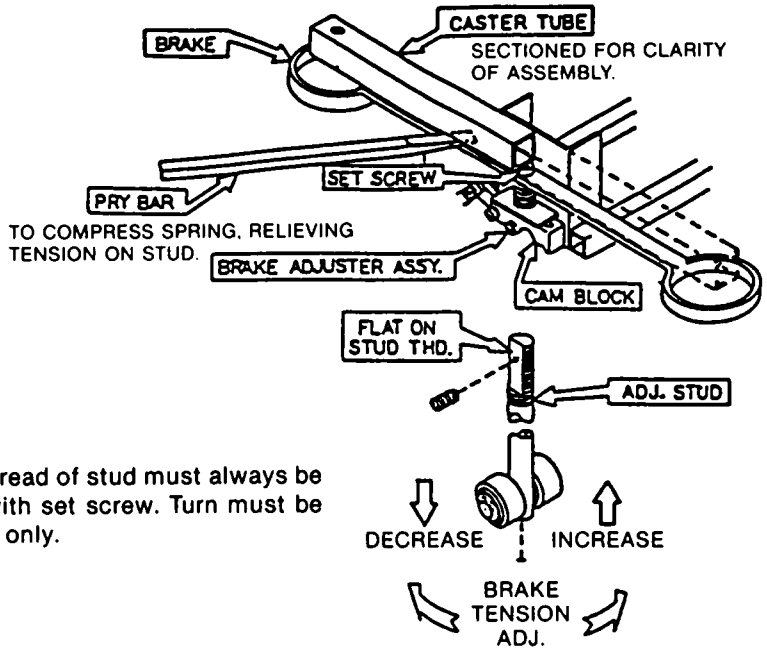
WARNING
To avoid personal injury or damage to the stretcher, remove the litter and the base hood before beginning service on the jacks. Lower the jack rod completely to relieve the pressure on the pump piston side of the jack. This will prevent large hydraulic fluid loss and possible damage when the base plugs are removed.

1. Remove the base plug (12) and discard the seal (13).
2. Remove the compression spring (14).
3. Using a small needle nose pliers, remove the poppet (3).
4. Install the new poppet (3).
5. Install the compression spring (14).
6. Install the new seal (13) and the base plug (12) and tighten to 10 foot–pounds torque.
7. Pump up the jack to the maximum height to check its operation.
8. Check for hydraulic leaks before replacing the base hood and the litter.

BRAKE ADJUSTMENT

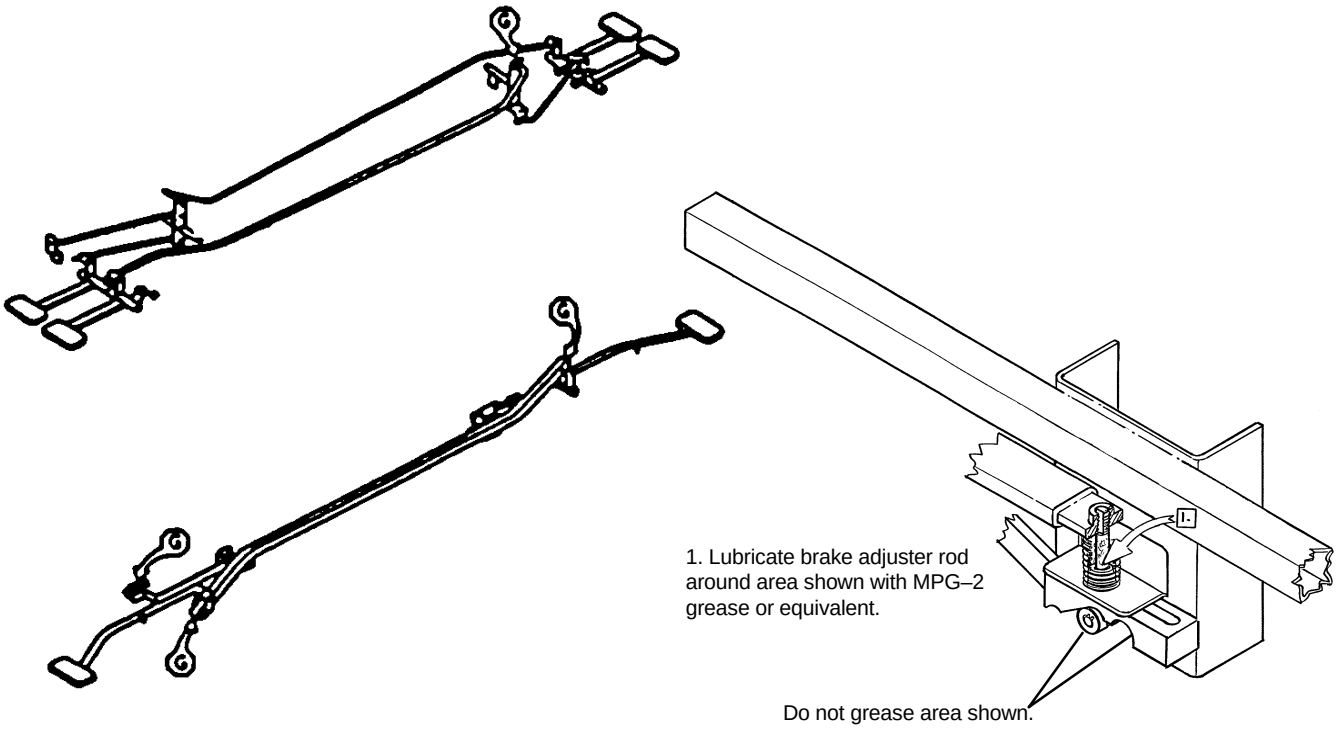
Required Tools:

3/32” Hex Allen Wrench
Pry Bar
Thread ”Locktite”



Flat on thread of stud must always be aligned with set screw. Turn must be full circle only.

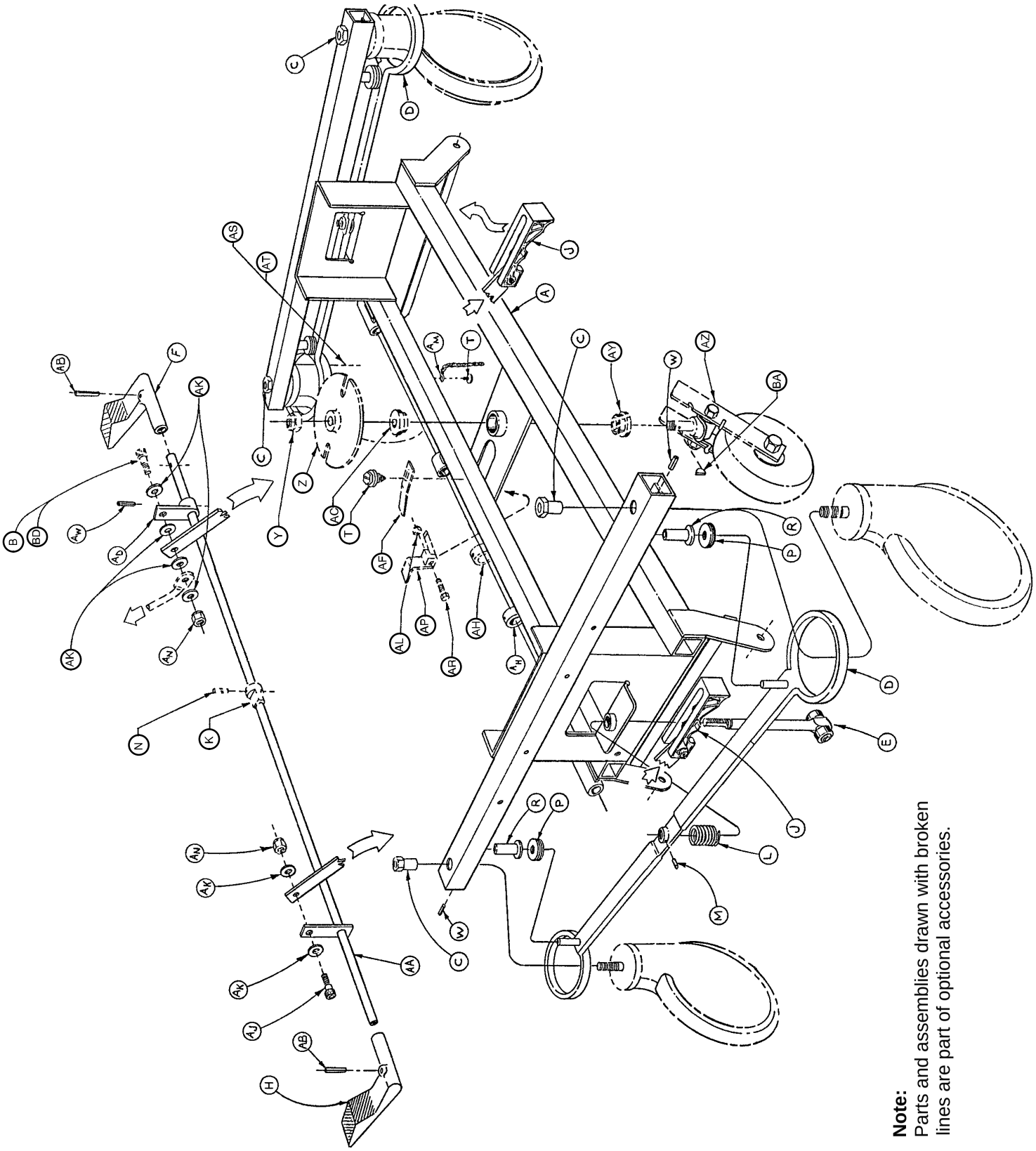
BASE LUBRICATION POINTS



1. Lubricate brake adjuster rod around area shown with MPG–2 grease or equivalent.

Do not grease area shown.

716–1–251 End Control Base Assembly (with Brakes)

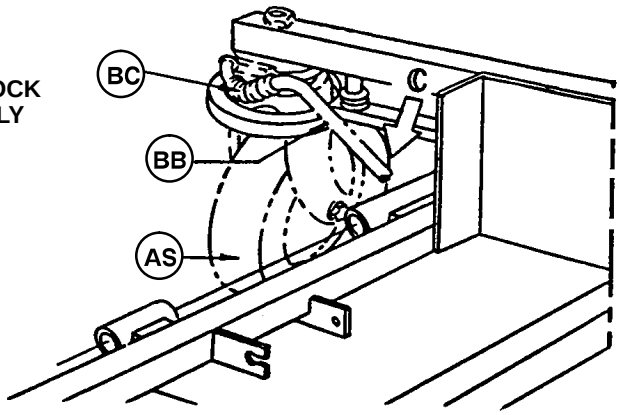


Note:
Parts and assemblies drawn with broken lines are part of optional accessories.

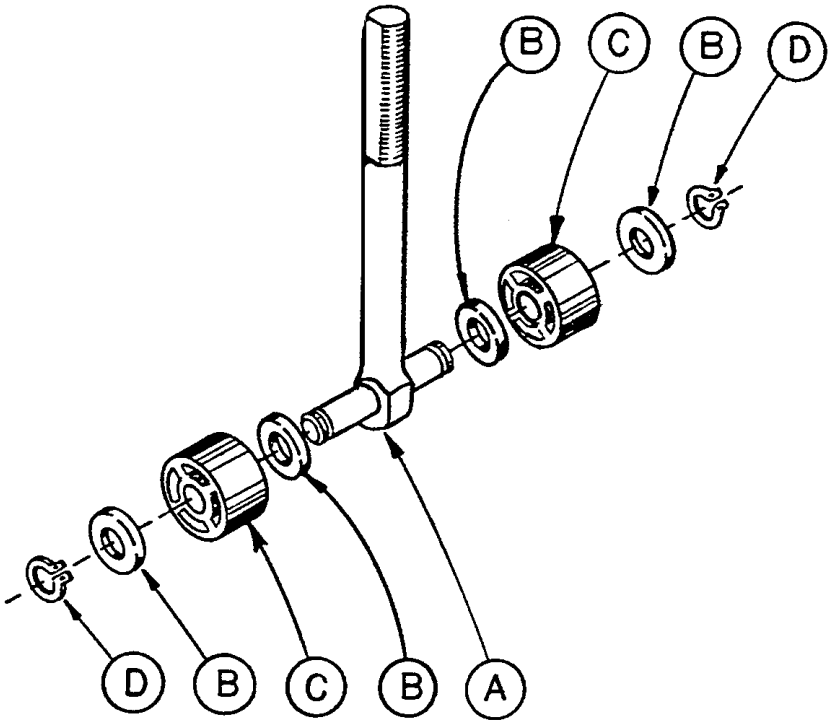
716–1–251 End Control Base Assembly (with Brakes)

Item	Part No.	Part Name	Qty.
A	716–1–246	Base Weldment Ass'y	1
B	8–17	Soc. Hd. Shoulder Bolt	1
C	715–1–158	Caster Nut	4
D	715–1–61	Caster Brake Assembly	2
E	(Page 15)	Brake Adjuster Assembly	2
F	1210–1–345	Brake/Steer Pedal, Ft. End	1
H	1210–1–346	Brake/Steer Pedal, Hd. End	1
J	(Page 16)	Brake Cam Assembly	2
K	26–8	Roll Pin	1
L	715–1–94	Compression Spring	2
M	21–50	Set Screw	2
N	715–1–161	Fifth Wheel Cam	1
P	715–1–11	Brake Cushion	4
R	946–1–116	Brake Bar Bushing	4
T	23–25	Self–Tapping Screw	2
W	26–5	Roll Pin	4
Y	16–49	Flexlock Nut	1
Z	715–1–337	Fifth Wheel Plate Ass'y	1
AA	715–1–231	Brake/Steer Rod Weldment	1
AB	26–261	Clevis Pin	2
AC	715–1–157	Fifth Wheel Bearing	1
AD	715–1–165	Actuator Plate Assembly	1
AF	715–1–136	Fifth Wheel Spring	1
AH	42–20	Collar w/ Set Screw	2
AJ	8–17	Soc. Hd. Shoulder Bolt	1
AK	14–2	Nylon Washer	6
AL	16–16	Nylock Nut	1
AM	715–1–156	Grounding Chain	1
AN	16–2	Fiberlock Nut	2
AP	715–1–217	Fifth Wheel Latch	1
AR	3–20	Hex Hd. Cap Screw	1
AS	(Page 18)	Steering Caster Ass'y	1
AT	(Page 19)	Caster Wheel Ass'y	3
AY	81–219	Bearing	1
AW	26–13	Roll Pin	1
AZ	(Page 20)	Fifth Wheel Ass'y	1
BA	715–1–149	Woodruff Key	1
BB	1000–10–62	Steering Lock Linkage Bar	1
BC	38–211	Spring	1
BD	8–21	Soc. Hd. Shoulder Bolt	1

STEERLOCK ASSEMBLY DETAIL

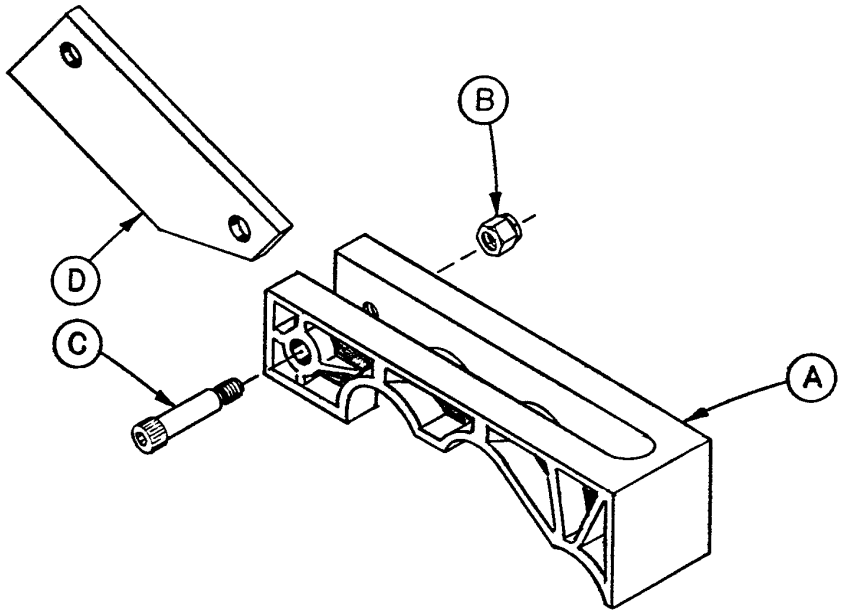


715–1–150 Brake Adjuster Assembly



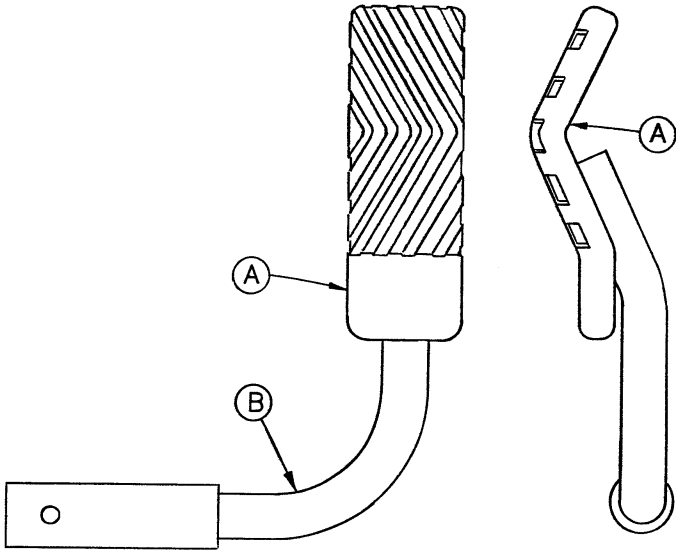
Item	Part No.	Part Name	Qty.
A	715–1–62	Threaded Stud Assembly	1
B	14–4	Nylon Washer	4
C	715–1–180	Bearing	2
D	28–8	Retaining Ring	2

715–1–213 Brake Cam Assembly

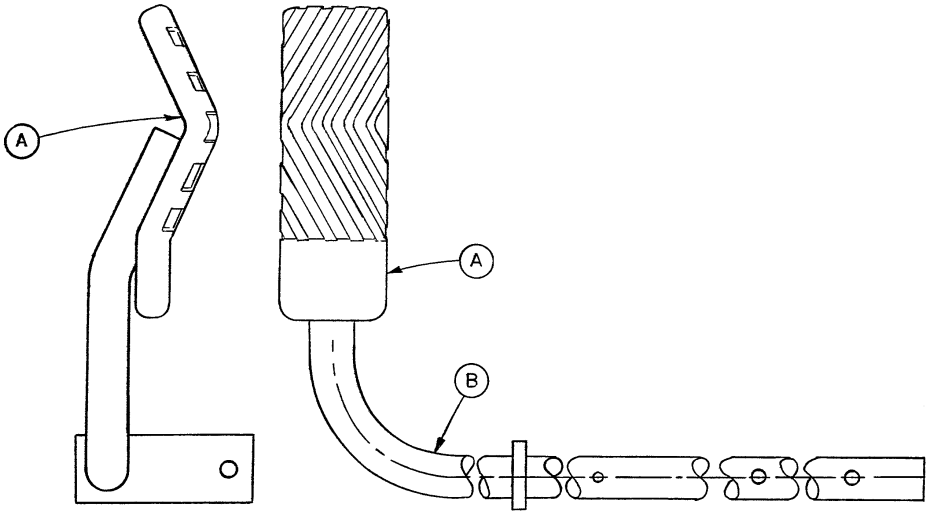


Item	Part No.	Part Name	Qty.
A	715–1–221	Brake Cam	1
B	16–59	Fiberlock Nut	1
C	8–21	Soc. Hd. Cap Screw	1
D	715–1–173	Brake Connecting Link	1

716–1–263 & 269 End Control Brake Pedal Ft. & Hd.

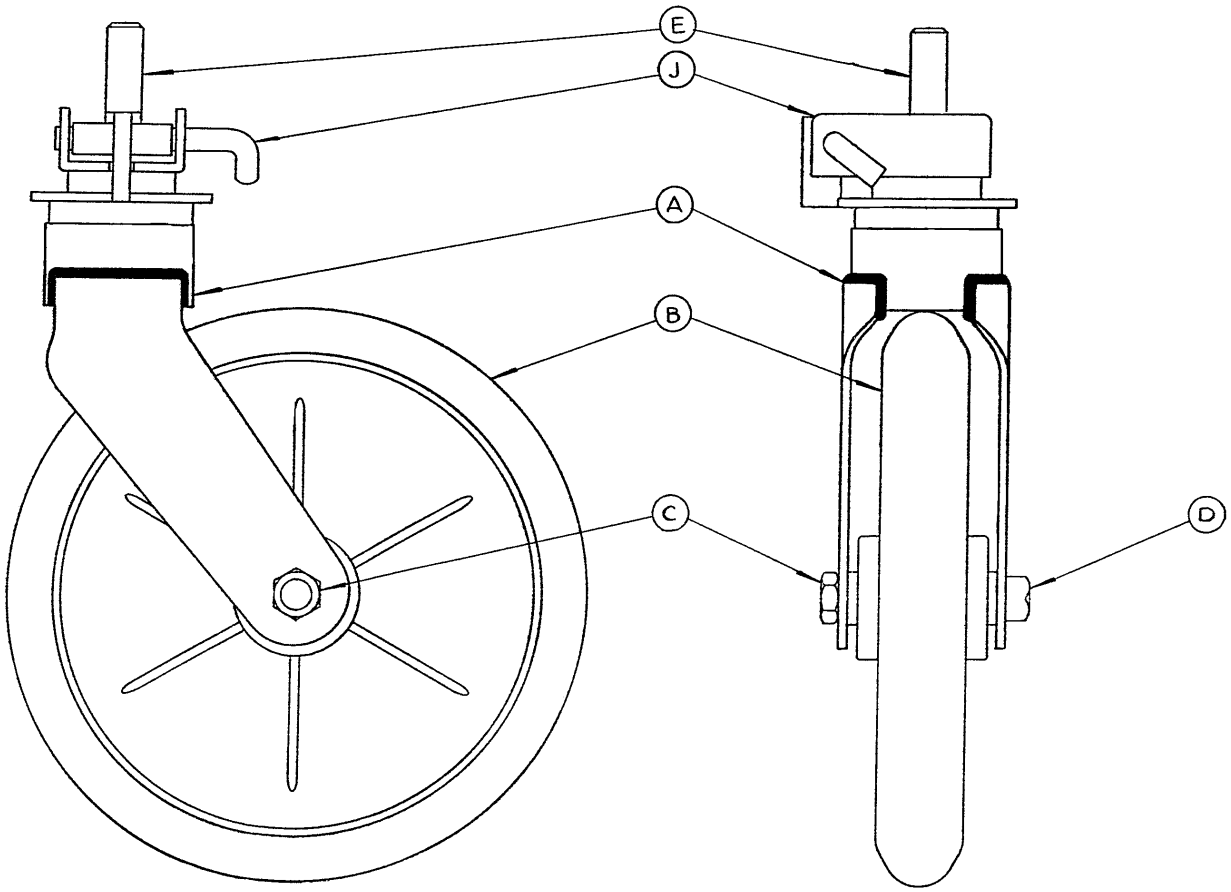


Item	Part No.	Part Name	Qty.
A	716–1–275	Brake Pedal	1
B	716–1–262	Brake Rod Ass'y, Ft. End	1



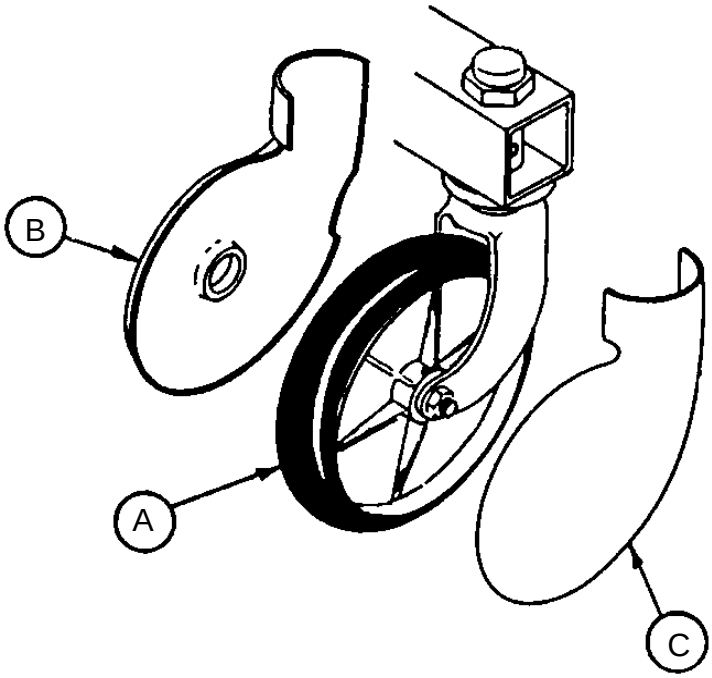
Item	Part No.	Part Name	Qty.
A	716–1–275	Brake Pedal	1
B	716–1–267	Brake Rod Ass'y, Welded	1

715–2–21 Caster Assembly with Steer Lock



Item	Part No.	Part Name	Qty.
A	700–10–50	Steer Lock Caster Weldment	1
B	715–2–25	Caster Wheel	1
C	16–60	Hex Nut	1
D	3–99	Hex Bolt	1
E	3–96	Hex Bolt	1
J	1000–59–10	Latch Assembly	1

Caster and Caster Cover Replacement Kits



Item	Part No.	Part Name	Qty.
A	715–2–20	Caster Assembly	1
B	715–1–266	Caster Cover, Left	1
C	715–1–265	Caster Cover, Right	1

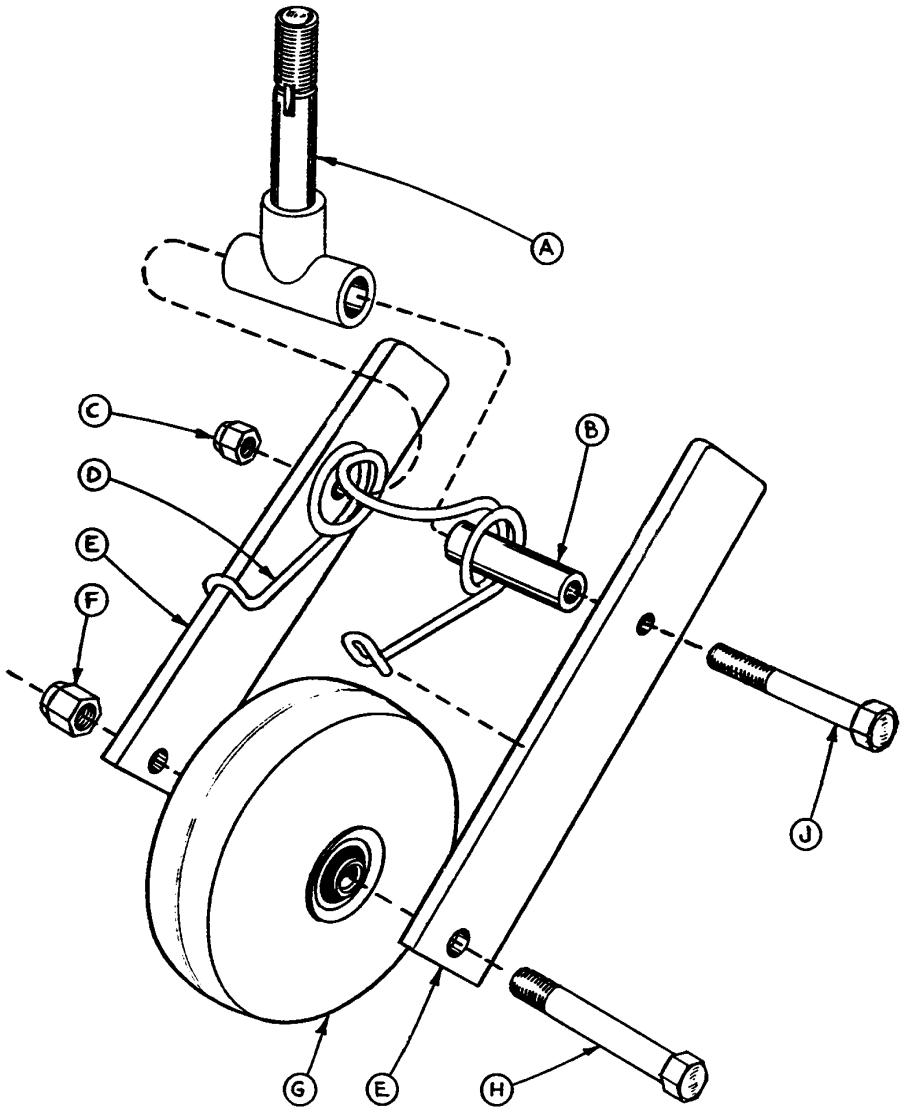
P/N 715–259–400 – Kit to replace 4 standard caster assemblies with necessary hardware – no caster covers.

P/N 715–269–400 – Kit to replace 3 standard caster assemblies and 1 steerlock caster with necessary hardware – no caster covers.

P/N 715–259–100 – Kit to replace 1 standard caster assembly with necessary hardware – no caster covers.

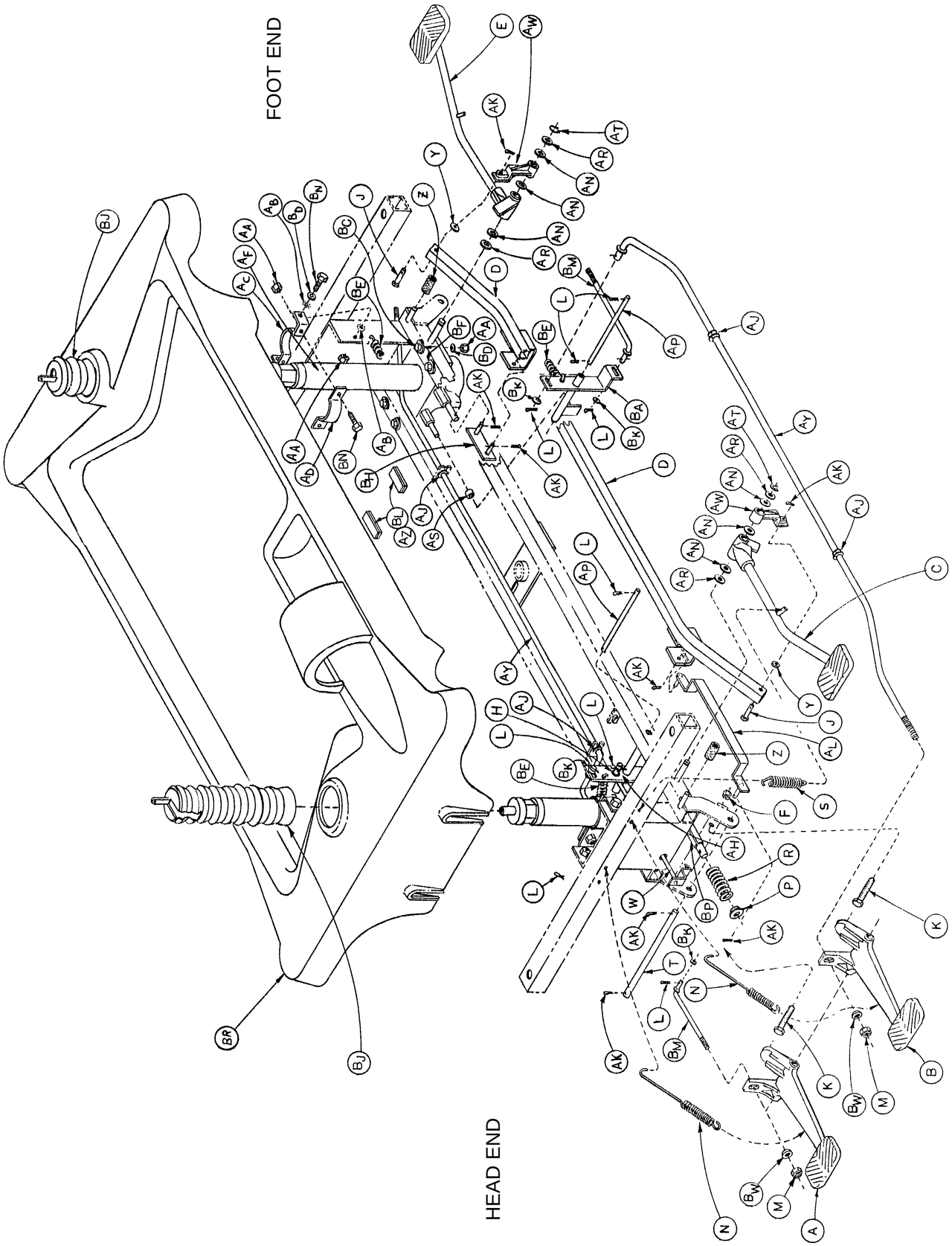
P/N 1010–56–200 – Kit to replace both caster covers on all four wheels.

715–1–25 Fifth Wheel Assembly



Item	Part No.	Part Name	Qty.
A	715–1–339	Fifth Wheel Pivot Assembly	1
B	715–1–17	Fifth Wheel Bushing	1
C	16–11	Flexlock Nut	1
D	715–1–15	Spring	1
E	715–1–13	Fifth Wheel Bracket	2
F	16–12	Flexlock Nut	1
G	390–1–54	Wheel	1
H	3–31	Hex Head Cap Screw	1
J	3–82	Hex Head Cap Screw	1

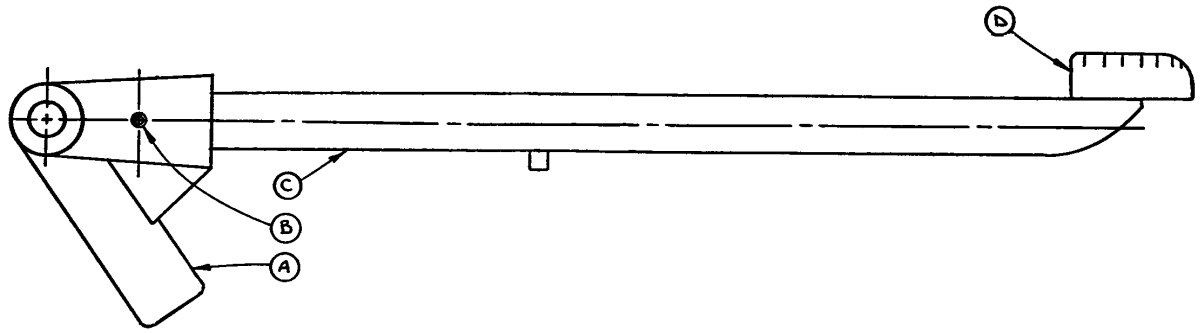
716–1–270 End Control Base Assembly (with Jacks)



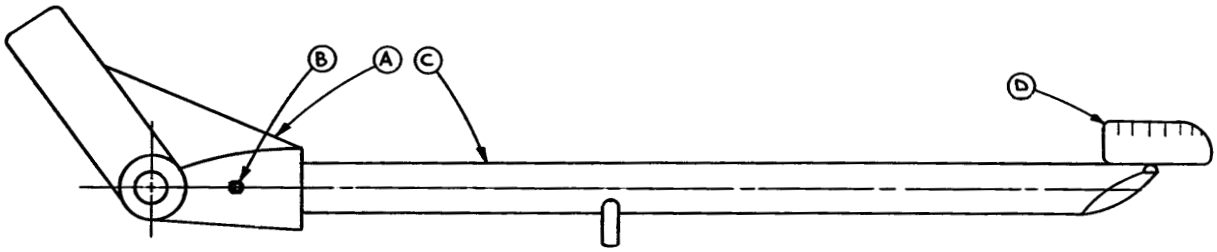
716–1–270 End Control Base Assembly (with Jacks)

Item	Part No.	Part Name	Qty.
A	716–1–293	Rel Pedal, Hd. Lt. & Ft. Rt.	2
B	716–1–294	Rel. Pedal, Hd. Rt. & Ft. Lt.	2
C	(Page 23)	Pump Pedal Ass'y, Head	1
D	716–1–115	Pump Conn. Rod Ass'y	1
E	(Page 23)	Pump Pedal Ass'y, Foot	1
F	15–11	Hex Jam Nut	4
H	14–3	Washer	2
J	26–195	Clevis Pin	2
K	3–5	Hex Head Cap Screw	4
L	27–4	Cotter Pin	10
M	16–16	Nylock Nut	4
N	38–235	Spring	4
P	715–1–133	Spring Collar	1
R	763–1–15	Spring	1
S	38–251	Spring	2
T	716–1–61	Pedal Shaft	2
W	716–1–112	Rel. Rod Wldmt., Hd. Lt.	1
Y	14–9	Washer	2
Z	715–1–140	PVC Tubing	2
AA	16–36	Nylock Hex Nut	16
AB	13–38	Ext. Tooth Lock Washer	4
AC	715–1–192	Jack Support	2
AD	715–1–193	Jack Clamp	2
AF	(Page 24)	Jack Assembly	2
AH	716–1–119	Pivot Assembly, Head End	1
AJ	52–245	Nyliner	3
AK	27–7	Cotter Pin	10
AL	716–1–109	Pump Link Bar Wldmt., Hd.	1
AN	14–7	Nylon Flat Washer	6
AP	716–1–15	Release Pivot Bar	2
AR	11–13	Flat Washer	4
AS	715–1–333	Release Rod Stop Sleeve	2
AT	28–97	Snap Ring	2
AW	716–1–281	Pump Idler Link	2
AY	716–1–71	Release Rod Ass'y	2
AZ	29–7	Dual Lock	2
BA	716–1–52	Pivot Assembly, Foot	1
BC	3–62	Hex Hd. Cap Screw	8
BD	11–3	Washer	12
BE	38–259	Extension Spring	2
BF	11–262	Flat Washer	8
BH	716–1–102	Pump Link Wldmt. Ass'y, Ft.	1
BJ	715–1–134	Bellows	2
BK	14–2	Washer	4
BL	29–9	Dual Lock	2
BM	716–1–75	Release Rod	2
BN	3–85	Hex Hd. Cap Screw	8
BP	763–1–16	Spring Guide	1
BR	(Page 26)	Hood	1
BW	716–1–286	Cam, Release Pedal	4

716–1–292 & 288 Pump Pedal Assembly, Head & Foot

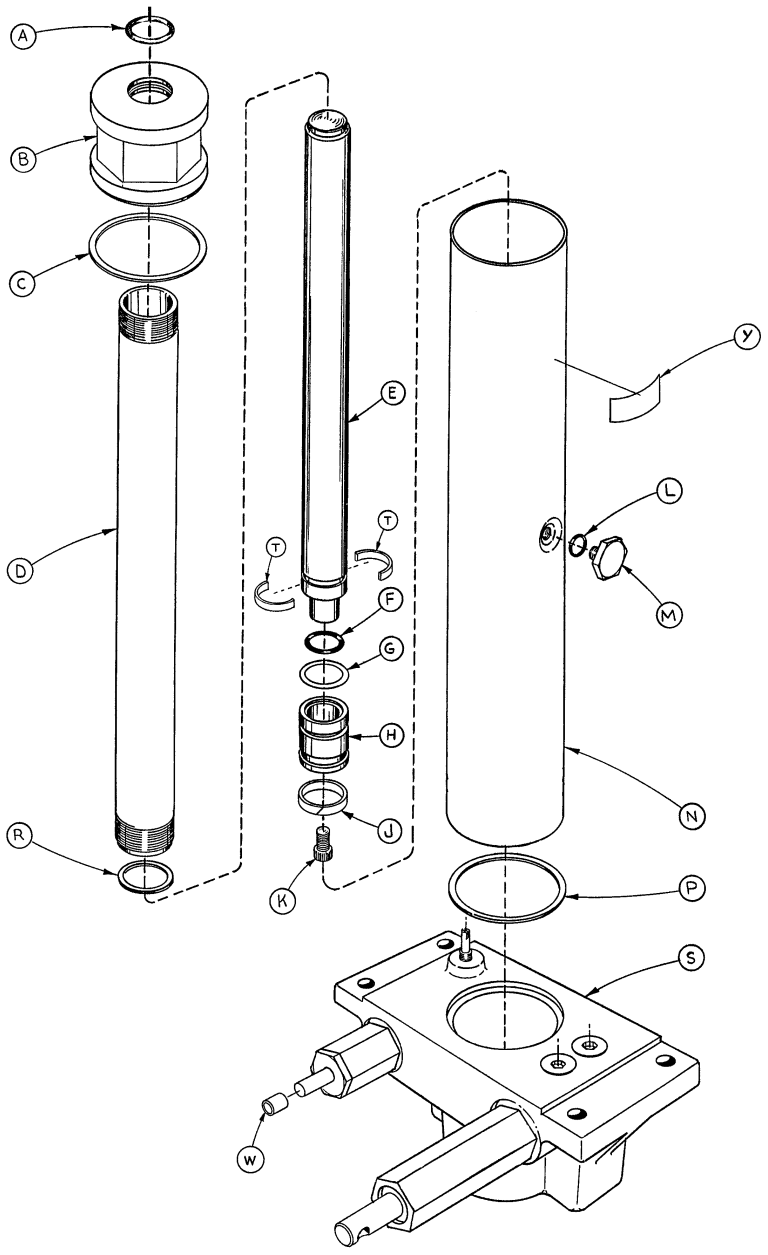


Item	Part No.	Part Name	Qty.
A	716–1–285	Pump Pivot, Head End	1
B	26–12	Roll Pin	1
C	716–1–290	Pump Ped. Wldmt., Head	1
D	721–40–25	Pedal	1



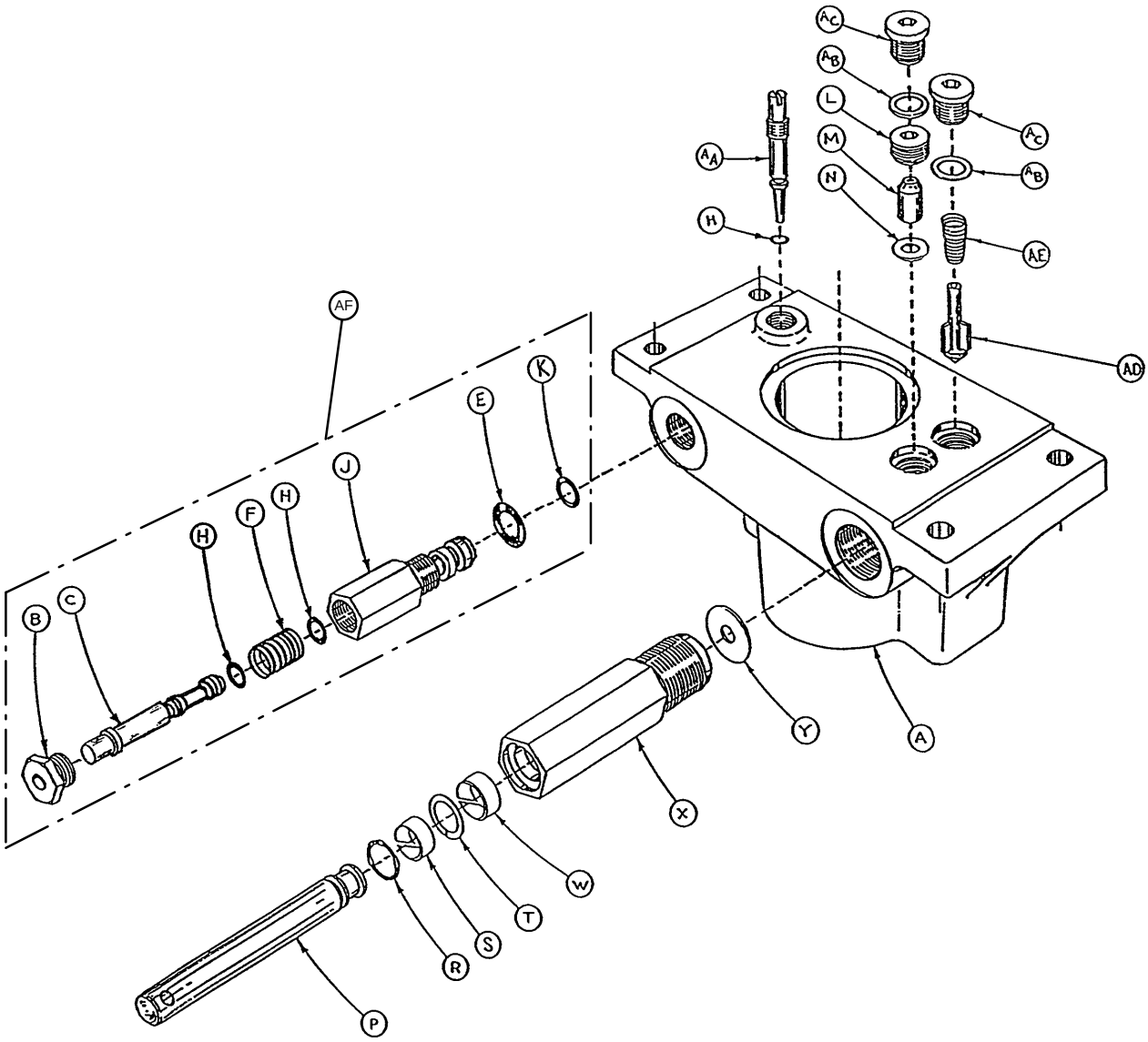
Item	Part.No.	Part Name	Qty.
A	716–1–283	Pump Pivot, Foot End	1
B	26–12	Roll Pin	1
C	716–1–289	Pump Ped. Wldmt., Foot	1
D	721–40–25	Pedal	1

715–270–10 Jack Assembly



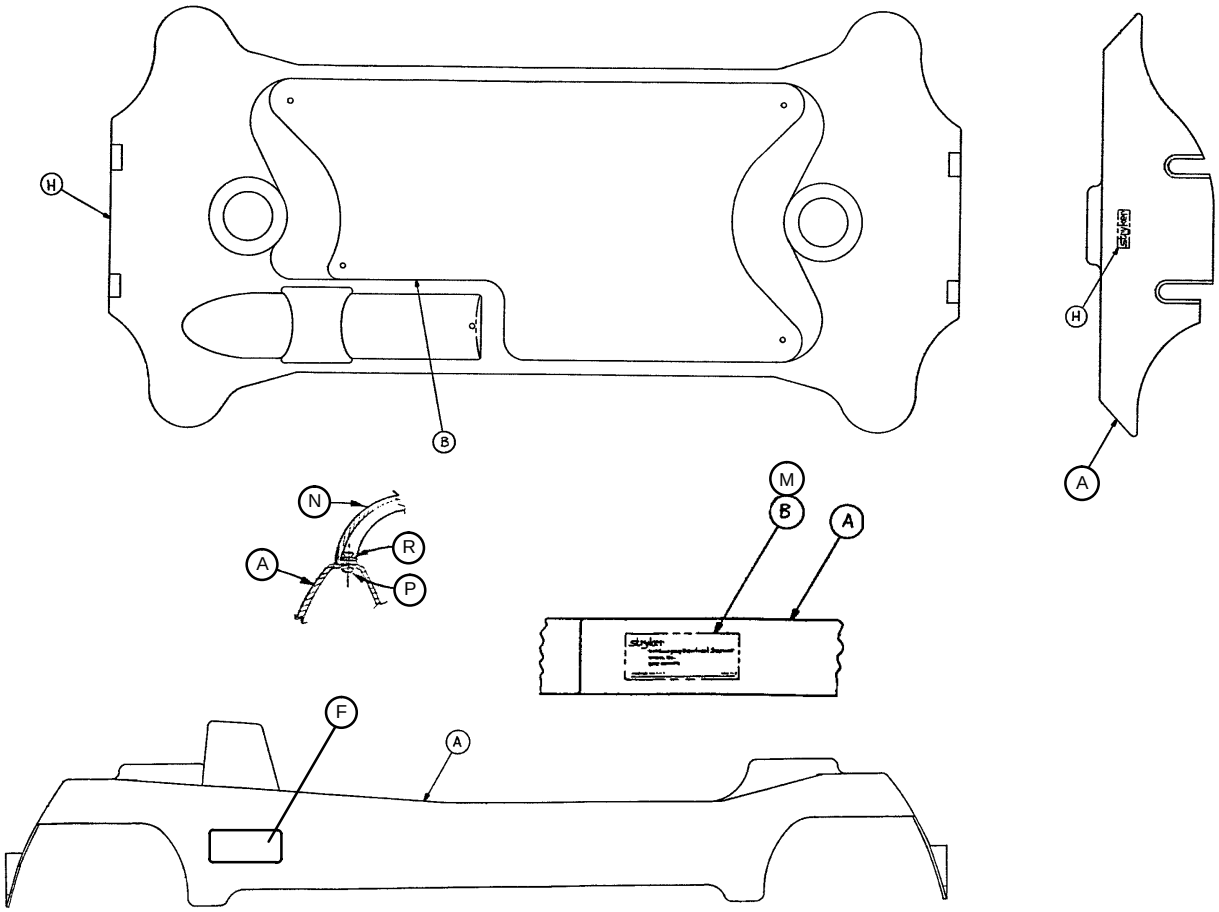
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	45–904	O–Ring	1	L	45–110	O–Ring	1
B	715–1–340	Cap Assembly	1	M	388–1–38	Plug	1
C	390–1–243	Gasket	1	N	715–1–322	Reservoir	1
D	715–1–323	Actuator Cylinder	1	P	390–1–244	Gasket	1
E	715–1–325	Actuator	1	R	390–1–238	Gasket, Actuator	1
F	45–14	O–Ring	1	S	(page 25)	Jack Base Assembly	1
G	926–20–161	Parker Packing	1	T	390–2–139	Retaining Collar	2
H	715–1–331	Piston End	1	W	715–1–333	Rel. Valve Stop Sleeve	1
J	926–20–162	Wear Ring	1	Y	715–270–11	Label	1
K	4–14	Soc. Hd. Cap Screw	1				

715–270–5 Jack Base Assembly



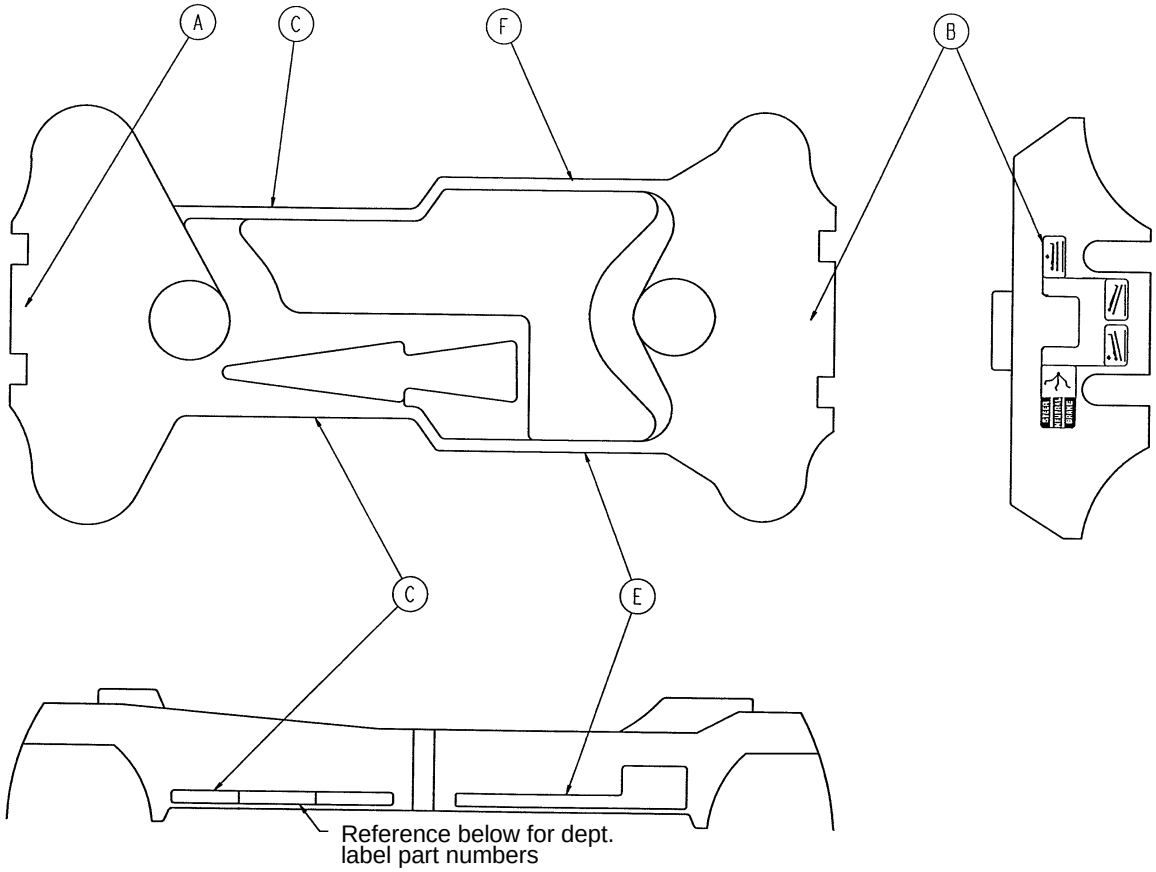
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	1210–70–12	Jack Base	1	R	45–110	O–Ring	1
B	1210–70–13	Base Plug	1	S	715–1–328	Piston Wear Ring	1
C	715–270–1	Pin	1	T	14–50	Bearing Retainer	1
E	45–966	O–Ring	1	W	715–1–327	Cylinder Wear Ring	1
F	38–311	Compression Spring	1	X	715–1–316	Pump Cylinder	1
H	45–006	O–Ring	3	Y	715–1–329	Pump Seal	1
J	715–270–2	Pin Housing	1	AA	715–1–307	Needle Valve	1
K	43–967	O–Ring	1	AB	926–20–156	Seal	2
L	715–1–309	Valve Plug	1	AC	715–1–301	Base Plug	2
M	926–20–153	Check Valve	1	AD	715–1–341	Poppet	1
N	926–20–154	Seal	1	AE	390–2–134	Conical Comp. Spring	1
P	715–1–310	Pump Piston	1	AF	715–270–100	Valve Assembly	1

Base Hood Labeling Assembly



Item	Part No.	Part Name	Qty.
A	1010–244–17	End Control Hood Assembly	1
B	978–2–12	Specification Label	1
F	1010–1–50	Renaissance Series Logo Label	2
H	946–1–60	Stryker Logo Label	2
M	921–1–252	Serial Number Label	1
N	715–1–176	Oxygen Bottle Retainer	1
P	25–77	Pop Rivet	2
R	11–16	Washer	2

End Control Graphics

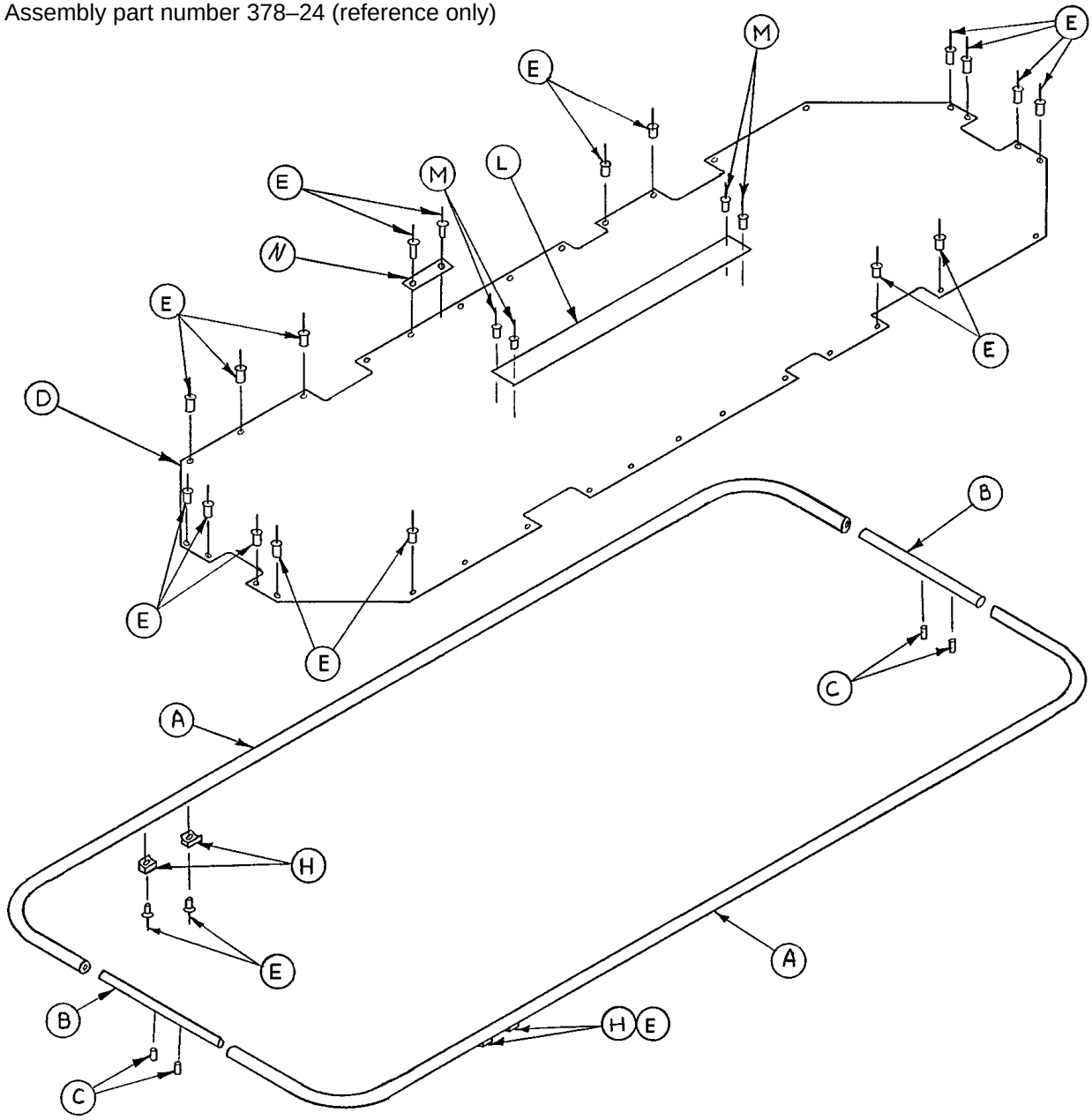


Color	Item A Control Label, Head	Item B Control Label, Foot	Item C Stripe Label	Litter Bumper	Item E Right Side Stripe	Item F Left Side Stripe
RED	1010–800–11	1010–800–12	1010–800–13	1010–700–15	1010–700–13	1010–700–14
PURPLE	1010–800–21	1010–800–22	1010–800–23	1010–700–25	1010–700–23	1010–700–24
GREEN	1010–800–31	1010–800–32	1010–800–33	1010–700–35	1010–700–33	1010–700–34
GRAY	1010–800–41	1010–800–42	1010–800–43	1010–700–45	1010–700–43	1010–700–44
TEAL	1010–800–51	1010–800–52	1010–800–53	1010–700–55	1010–700–53	1010–700–54
PINK	1010–800–61	1010–800–62	1010–800–63	1010–700–65	1010–700–63	1010–700–64
BLUE	1010–800–71	1010–800–72	1010–800–73	1010–700–75	1010–700–73	1010–700–74

Department	Label Part Number	Department	Label Part Number
Emergency	1010–900–1	Endoscopy	1010–900–7
P.A.C.U.	1010–900–2	Radiology	1010–900–8
Transport	1010–900–3	Nuclear Medicine	1010–900–9
Surgery	1010–900–4	Ambulatory Surgery	1010–900–10
Extended Stay	1010–900–5	G.I. Lab	1010–900–11
Maternity	1010–900–6	Cath. Lab	1010–900–12

Aluminum Litter Assembly

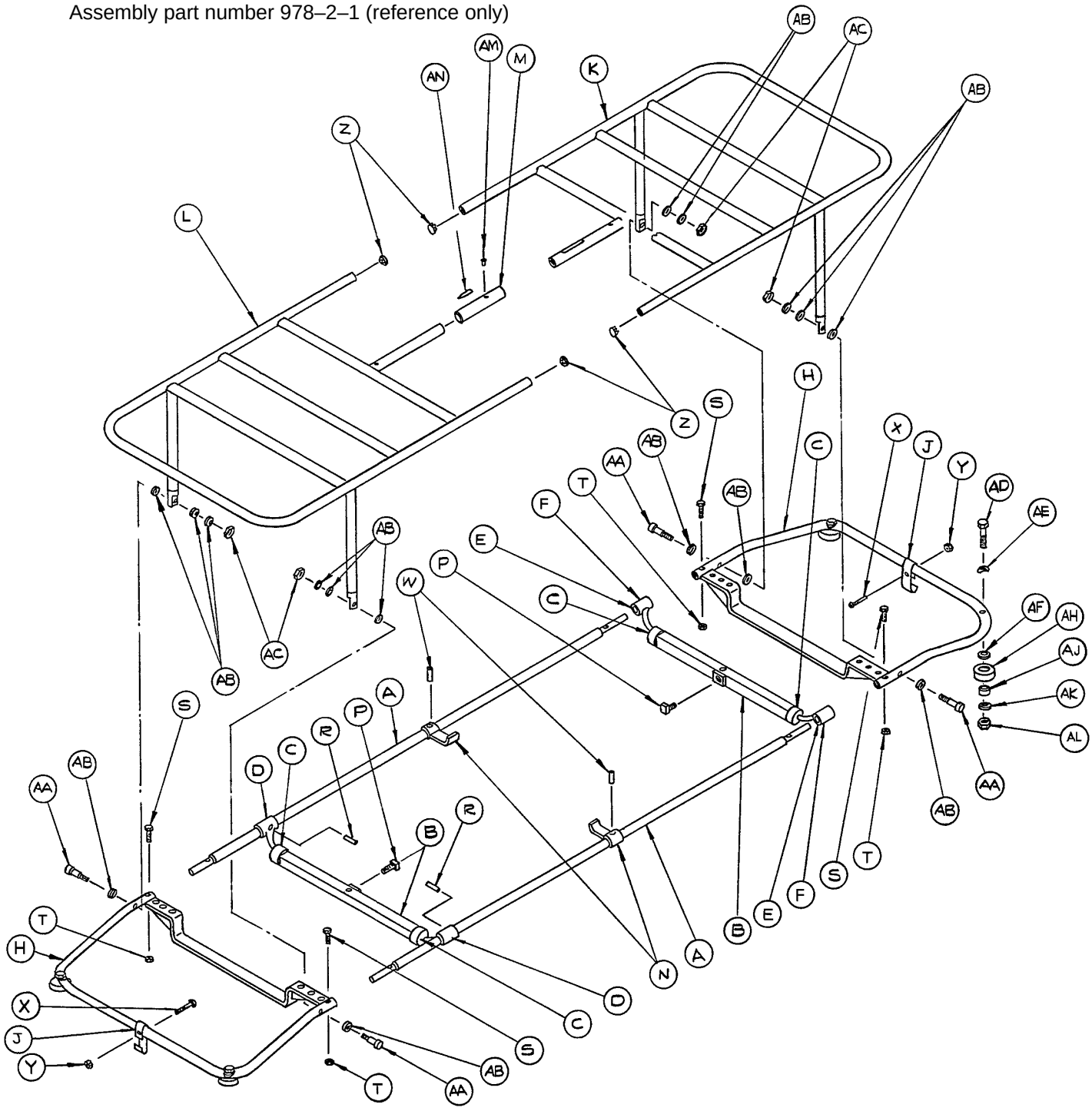
Assembly part number 378–24 (reference only)



Item	Part No.	Part Name	Qty.
A	390–24–7	Litter Frame Tube	2
B	381–24–6	Connector Pin	2
C	26–12	Roll Pin	4
D	398–24–1	Litter Skin	1
E	25–55	Pop Rivet	37
H	378–24–42	Formed Washer	4
L	————	Velcro Pile	1
M	25–40	Pop Rivet	4
N	381–24–5	Label	1

Litter Carrier Frame Assembly

Assembly part number 978–2–1 (reference only)



Litter Carrier Frame Assembly

Item	Part No.	Part Name	Qty.
A	978–2–10	Side Tube Assembly	2
B	399–9–13	Top Support Tube Ass'y	2
C	42–7	Collar Assembly	4
D	390–9–7	Support Tube Assembly	2
E	399–16–14	Support Tube Liner	2
F	390–9–9	Support Tube, Foot End	2
H	978–2–15	U–Section Assembly	2
J	390–4	Spring Clip	2
K	978–2–4	Foot End Frame Assembly	1
L	978–2–20	Head End Frame Assembly	1
M	978–1–19	Slide Lock	1
N	393–3–29	Litter Bracket Brace	2
P	46–1	Square Hd. Set Screw	2
R	21–75	Set Screw	2
S	3–4	Hex Hd. Cap Screw	8
T	16–16	Fiberlock Nut	8
W	26–14	Roll Pin	2
X	2–4	Round Hd. Mach. Screw	2
Y	16–7	Fiberlock Nut	2
Z	37–2	Hole Plug	4
AA	8–38	Soc. Hd. Shoulder Bolt	4
AB	14–2	Nylon Flat Washer	4
AC	16–2	Fiberlock Nut	4
AD	3–39	Hex Hd. Cap Screw	4
AE	390–38–3	Formed Washer	4
AF	390–38–5	Support Plate	4
AH	390–38–9	Bumper	4
AJ	390–38–8	Spacer	4
AK	11–4	Flat Washer	4
AL	16–12	Flexlock Nut	4
AM	25–55	Pop Rivet	1
AN	946–1–71	Label	1
AP	978–1–22	Cloth Cover (not shown)	1

Warranty

Limited Warranty:

Stryker Medical Division, a division of Stryker Corporation, warrants to the original purchaser that its products should be free from defects in material and workmanship for a period of one (1) year 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 which is, in the sole discretion of Stryker, found to be defective. Stryker warrants to the original purchaser that the frame and welds on its beds will be free from structural defects for as long as the original purchaser owns the bed. If requested by Stryker, products or parts for which a warranty claim is made shall be returned prepaid to Stryker's factory. Any improper use or any alteration or repair by others in such manner as in Stryker's judgement affects the product materially and adversely shall void this warranty. No employee or representative of Stryker is authorized to change this warranty in any way.

This statement constitutes Stryker'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.

To Obtain Parts and Service:

Stryker products are supported by a nationwide network of dedicated Stryker Field Service Representatives. These representatives are factory trained, available locally, and carry a substantial spare parts inventory to minimize repair time. Simply call your local representative, or call Stryker Customer Service at (800) 327–0770.

Supplemental Warranty Coverage:

Stryker has developed a comprehensive program of extended warranty options designed to keep your equipment operating at peak performance at the same time it eliminates unexpected costs. We recommend that these programs be activated *before* the expiration of the new product warranty to eliminate the potential of additional equipment upgrade charges. Stryker offers the following Supplemental Warranties:

Extended (Parts and Labor)

- All replacement parts (excluding mattresses and consumable items)
- Labor and travel for *all* scheduled and unscheduled calls
- Annual Preventive Maintenance Inspections and repairs
- JCAHO paperwork for preventive maintenance
- Priority Emergency Service

Standard (Labor Only):

- Labor and travel for *all* scheduled and unscheduled calls
- Annual Preventive Maintenance Inspections and repairs
- JCAHO paperwork for preventive maintenance
- Priority Emergency Service

Basic (Parts Only):

- All replacement parts (excluding mattresses and consumable items)
- Priority Emergency Service

Please call your local representative, or call (800) 327–0770 for further information

Return Authorization:

Merchandise cannot be returned without approval from the Stryker Customer Service Department. An authorization number will be provided which must be printed on the 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.

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