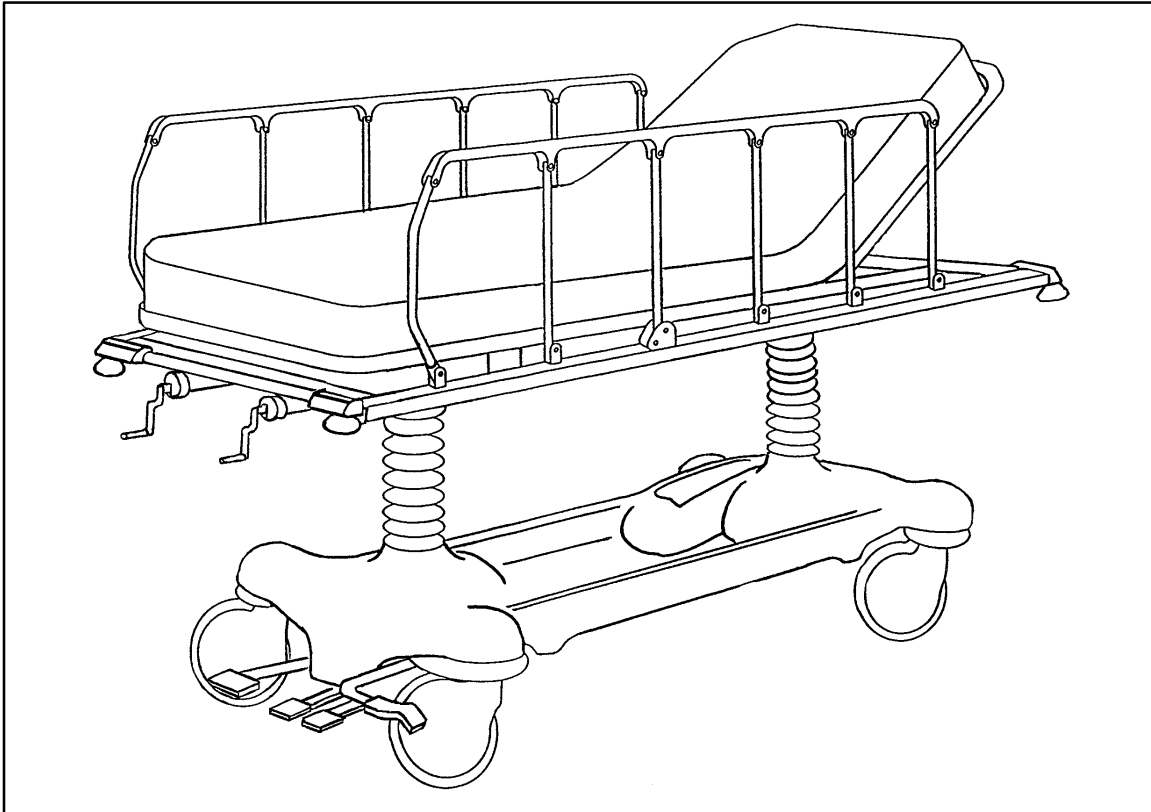


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**IMPORTANT**  
File in your  
maintenance  
records

**stryker**<sup>®</sup>  
Medical



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## **Renaissance Series**

### **721 Advanced Transport Stretcher**

For stretchers with serial numbers of 9711030020 and above

## **MAINTENANCE MANUAL**

For Parts or Technical Assistance  
1-800-327-0770

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# Introduction

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## INTRODUCTION

This manual is designed to assist you with the maintenance of the 721 Advanced Transport Stretcher. Read it thoroughly before using the equipment or beginning any maintenance on it.

## SPECIFICATIONS

Maximum Weight Capacity	500 pounds
Overall Bed Length \ Width	81" / 30"
Minimum \ Maximum Bed Height	24.5" / 38.0"
Fowler Angle	0 to 90°
Trendelenburg \ Reverse Trendelenburg	+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.

---

### WARNING

Patients should be discouraged from sitting directly on the ends of the stretcher. Excessive weight will cause the litter surface to tip up, possibly causing patient injury.

Always apply the caster brakes when a patient is getting on or off the stretcher. Push on the stretcher to ensure the brakes are securely locked. Always engage the brakes unless the stretcher is being moved. Injury could result if the stretcher moves while a patient is getting on or off the stretcher.

---

# 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. The following products have been tested and have been found not to have a harmful effect **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. 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 (PERFORM A MINIMUM OF TWICE A YEAR)

- \_\_\_\_\_ All fasteners secure (reference all assembly prints)
- \_\_\_\_\_ Siderails move and latch properly (page 7)
- \_\_\_\_\_ Engage brake pedal and push on the stretcher to ensure all casters lock securely (page 19)
- \_\_\_\_\_ Steer function working properly
- \_\_\_\_\_ All casters secure and swivel properly
- \_\_\_\_\_ Body restraints working properly
- \_\_\_\_\_ I.V. pole intact and operating properly (page 59 – 67)
- \_\_\_\_\_ Oxygen bottle holder intact and operating properly (page 73)
- \_\_\_\_\_ Fowler operates and latches properly
- \_\_\_\_\_ Trendelenburg/Reverse Trendelenburg operating properly
- \_\_\_\_\_ No rips or cracks in mattress cover
- \_\_\_\_\_ Transfer boards intact and operating properly
- \_\_\_\_\_ Arm board support levers intact and operating properly
- \_\_\_\_\_ Ground chain intact
- \_\_\_\_\_ No leaks at hydraulic connections
- \_\_\_\_\_ Hydraulic jacks holding properly (page 13)
- \_\_\_\_\_ Hydraulic drop rate set properly (page 18)
- \_\_\_\_\_ Hydraulic oil level sufficient (page 14)
- \_\_\_\_\_ Lubricate where required, including the brake adjuster assembly and brake cam (page 19)
- \_\_\_\_\_ Accessories and mounting hardware in good condition and working properly

Serial No. \_\_\_\_\_  
                  \_\_\_\_\_  
                  \_\_\_\_\_

Completed By: \_\_\_\_\_ Date: \_\_\_\_\_

### NOTE

The stretcher model and serial numbers are found on the specification label on the base hood (see pages 41 & 43)

# Service Information

---

## NOTE

References to the right or left side of the stretcher refer to the right and left sides of a patient lying face up on the stretcher.

## PNEUMATIC FOWLER ADJUSTMENT

### Required Tools:

5/32" Hex Allen Wrench                      1/2" Open End Wrench

### Adjustment Procedure:

1. Refer to Pneumatic Fowler Assemblies, page 50 or page 51 for parts reference.
2. For easier access, move Fowler to 75° or higher.
3. Using a 1/2" open end wrench, loosen the nuts (item E) in the actuator arms on the end of the trip bar (M).
4. To adjust the Fowler, use a 5/32" hex Allen wrench to turn the Allen screws (item J) 1 to 2 turns counterclockwise if the Fowler will not move or 1 to 2 turns clockwise if the Fowler will not hold its position.
5. Retighten the nuts. Be sure the Fowler will travel from flat to 90° and down again and will hold its position when weight is applied before returning the stretcher to service.

## TRANSFER BOARD COUNTERBALANCE ADJUSTMENT

### Required Tools:

7/16 Open End Wrench

### Adjustment Procedure:

1. Raise the transfer board to the full up position.
2. Unhook the extension spring at the eye bolt.
3. Using a 7/16 open end wrench, loosen the jam nut at the eye bolt.
4. Adjust the eye bolt to the desired position.
5. Tighten the jam nut.
6. Hook the extension spring to the eye bolt.
7. Allow the transfer board to lower on its own.
8. Repeat steps 1–7 until the desired counterbalance is achieved.

# Service Information

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## SIDERAIL LATCH ADJUSTMENT

### Required Tools:

1/8 Hex Allen Wrench

---

### WARNING

The siderail latch adjustment is pre-set at the factory, and there should not normally be a need for readjustment. If adjustment must be done it is important to follow the procedure below. If it is not done properly, injury to the patient or user could occur.

---

### Adjustment Procedure:

1. Using a 1/8 hex Allen wrench, adjust the hex Allen screw located on the latch assembly opposite the latch. Turning the Allen screw clockwise will **DECREASE** the amount of "play" in the latching mechanism. Turning counterclockwise will **INCREASE** the amount.

### NOTE

The amount of "play" in the siderail, when in full up engaged position, should be approximately 1/8 to 3/16 inches.

---

### CAUTION

Too much "play" when the siderail is in the full up engaged position will give the siderail the appearance of being unstable and could also cause premature wearing of the latch system. Too little "play" will obstruct the latch and keep it from engaging completely in the full up position, which may cause damage to the latch and/or injury to the patient or user.



# Service Information

## PEDAL LINKAGE ADJUSTMENT – DUAL SIDE CONTROL BASE

### Required Tools:

3/32 Hex Allen Wrench

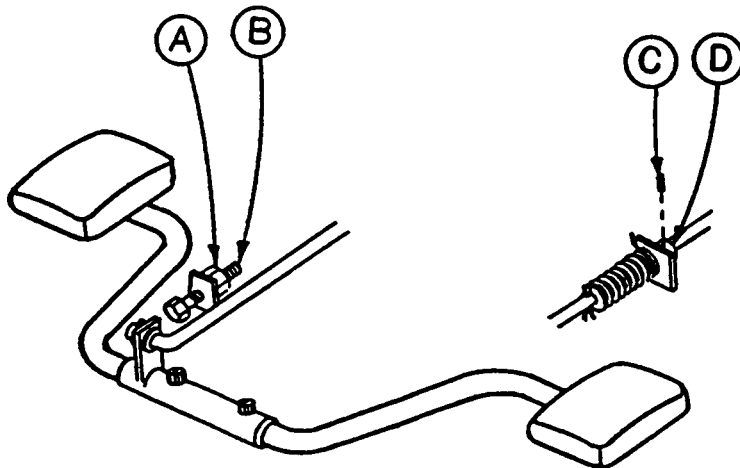
7/16 Open End Wrench

1/2 Open End Wrench

(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. To adjust the foot end descent pedal, use a 5/32 hex Allen wrench to loosen the set screw (C) in the stop collar (D) on the release rod. Hold the pedal parallel to the floor and slide the collar up to the bracket on the release rod. Tighten the set screw on the stop collar. Be sure the head end and foot end descent pedals are level with each other. Repeat for the head end pedal, if necessary.
4. Once the pedals are level, be sure the paddle on the end of the release rod for the foot end jack is slightly touching the actuating stem on the jack base. If it is not, use a 3/32 hex Allen wrench to loosen the set screw on the paddle hub. Adjust the paddle to **JUST** touch the stem of the jack. Tighten the set screw in the paddle hub. Repeat for the head end jack, if necessary.
5. Depress the pedal for the foot end jack. The jack should start to descend about the same time the paddle on the end of the rod contacts the sleeve on the jack actuating stem. The bracket on the foot pedal body should hit the stop screw (B). Any further movement could cause damage to the stem components inside the jack housing. To adjust the stop screw, use a 1/2 open end wrench to loosen the hex jam nut (A). Turn the screw and re-tighten the hex jam nut. Repeat for the head end jack.
6. Pump the litter up to full height.
7. Step on both descent pedals at the same time. Both ends of the litter should lower with the foot end lowering slightly faster than the head end. If it does not, refer to the procedure for adjusting the jack descent rate.
8. Remove the wooden blocks supporting the base hood. Use the pedal cut-outs on the side of the hood as a guide for proper re-positioning.



# Service Information

## PEDAL LINKAGE ADJUSTMENT – DUAL END CONTROL BASE

### Required Tools:

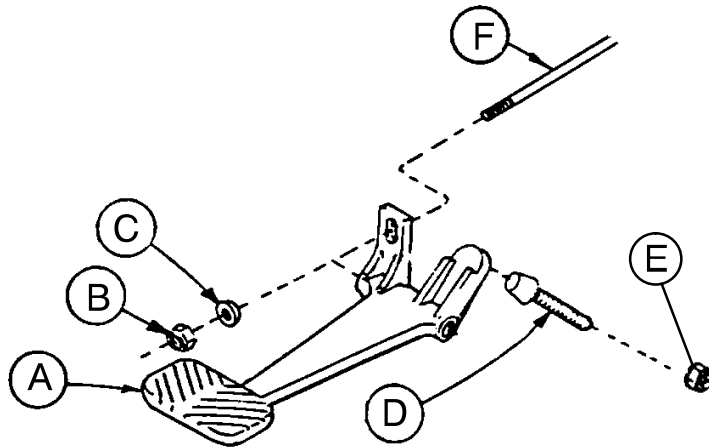
7/16 Open End Wrench

1/2 Open End Wrench

(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 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.



# Service Information

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## BRAKE CAM REPLACEMENT

Brake Cam Part Number 715-1-213

### Required Tools:

Phillips Screwdriver	String or Bungee Cord	3/32" Allen Wrench
1/8" Allen Wrench		

### Procedure:

1. Remove the four Phillips screws holding the base hood to the frame. Lift and support the base hood using string or bungee cord.
2. Using a 3/32" Allen wrench, loosen the set screw holding the brake adjuster to the brake ring and turn the adjuster clockwise to remove it.
3. Using a 1/8" Allen wrench, remove the shoulder bolt and nut holding the brake link on the cam and remove the cam.
4. Reverse steps 3 and 4 to install the new cam. Apply and release the brakes to ensure they operate properly. If adjustment is required, see page 15. Reinstall the base hood.

## BRAKE RING REPLACEMENT

Brake Ring Part Number 715-1-61

### Required Tools:

Phillips Screwdriver	String or Bungee Cord	Floor Jack, Small Crate (or equiv.)
Large Standard Screwdriver	3/32" Allen Wrench	11/16" Socket & Ratchet
5/8" Wrench	Needle-Nose Pliers	(2) 7/16" Wrenches

### Procedure:

1. Remove the four Phillips screws holding the base hood to the frame. Lift and support the base hood using string or bungee cord. Put the brake/steer pedal in the neutral position. Lift the end of the base needing service until the casters are approximately 12" off the floor and support it with a jack or the equivalent.
2. Using a 3/32" Allen wrench, loosen the set screw holding the brake adjuster to the brake ring and turn the adjuster clockwise to remove it.
3. Remove the wheel covers on both casters (see page 9).
4. Remove one of the caster assemblies (see page 8). On the other caster, use an 11/16" socket and ratchet and a 5/8" wrench to remove the nut and bolt holding the wheel on the caster horn and remove only the wheel.
5. Using needle-nose pliers, carefully squeeze and remove the spring between the brake cam and the brake ring.

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## WARNING

The spring is tightly compressed. Use caution when removing it or personal injury could result.

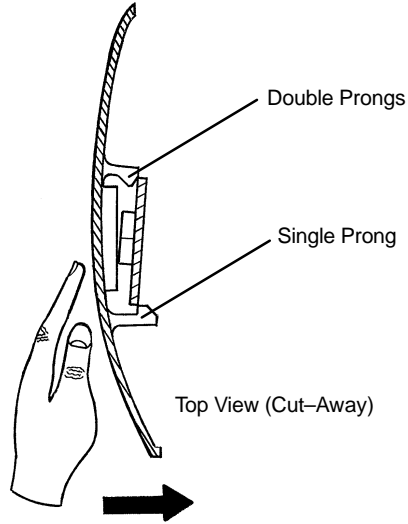
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6. If you are working on an end control base, remove the spring from the pump pedal.
7. Lower the brake ring and remove it from the base. Remove the brake pads and bushings and install them on the new brake ring.
8. Reverse the above steps to install the new brake ring and reinstall the caster and wheel. Apply and release the brakes to ensure they operate properly. If adjustment is required, see page 15. Reinstall the base hood.

# Service Information

## CASTER COVER INSTALLATION AND REMOVAL

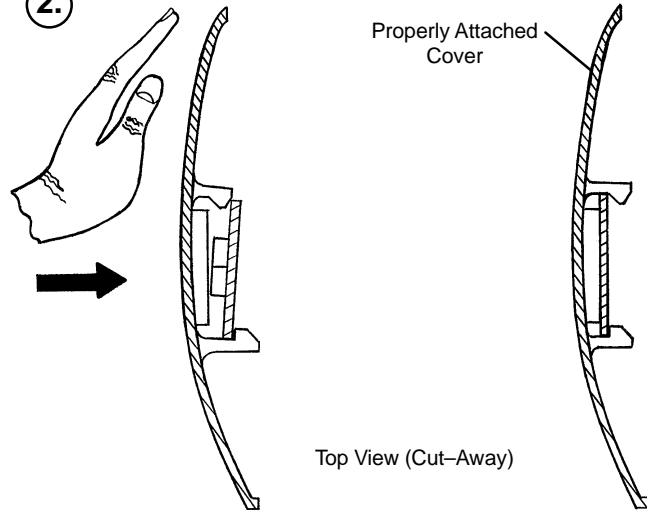
1.



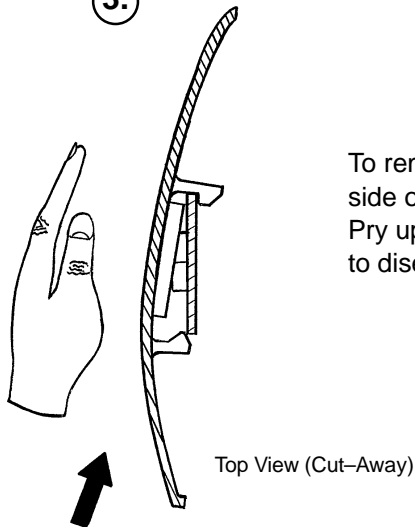
Looking through the larger of the two side cut-outs, align cover with axle nut or bolt head, as shown. Push down on the opposite side of the cover until single prong engages with caster horn.

Push with palm on cover until double prongs engage.

2.



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.

# Service Information

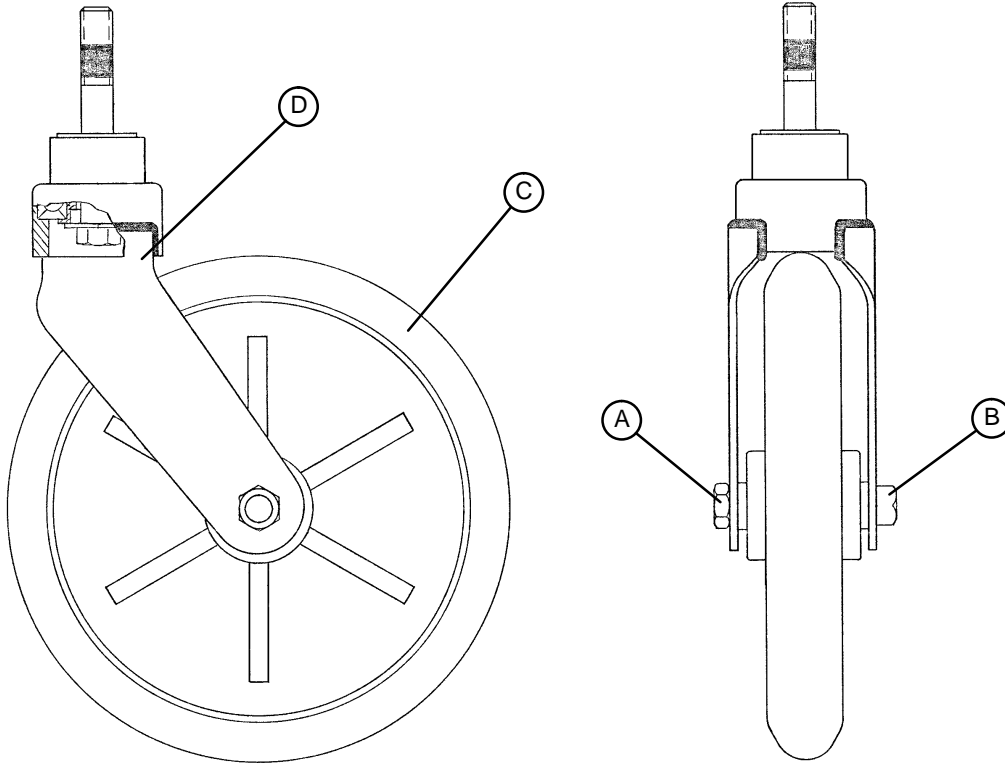
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## CASTER MAINTENANCE

### Required Tools:

5/8" Wrench  
11/16" Wrench

### Maintenance Procedure:



1. Remove the plastic caster cover (see page 11).
2. Using the 5/8" wrench and the 11/16" wrench, remove the centerlock nut (item A) from the through bolt (item B) for the caster wheel.
3. Support the corner of the stretcher where the wheel is being removed and remove the through bolt (item B) and the molded wheel (item C) .
4. Clean the through bolt, molded wheel, and the inside of the caster horn (item D) removing any dirt and debris. Ensure the bearings in the molded wheel spin freely and easily.
5. Replace the molded wheel and the through bolt.
6. Replace the centerlock nut on the through bolt and use the 5/8" and 11/16" wrenches to tighten it securely.

# Service Information

---

## HYDRAULIC SYSTEM TROUBLESHOOTING

### NOTE

Be sure the pedal linkage has been adjusted properly before beginning service on the jacks (see page 8 or page 9).

PROBLEM/SYMPTOM	SOLUTION
Jack will not raise to full height.	Add hydraulic fluid (see p.14). Check for leaks.
Jack will not hold in raised position.	Close the needle valve completely. If the jack holds, replace valve #1 (see p. 16). If the jack does not hold, replace valve #2 (see p. 17).
Jack will not pump up and the jack actuator rod <b>does not</b> 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. 17).
Jack will not pump up but the jack actuator rod <b>does</b> move when the pump pedal is activated.	Replace valve #2 (see p. 17).
Jack will not pump up and the jack actuator rod may or may not move.	Remove excess air (vacuum) in system (see p. 14).

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

# Service Information

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## 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.

## REMOVAL OF EXCESS AIR (VACUUM) FROM THE HYDRAULIC SYSTEM

### Procedure:

1. Verify all hydraulic linkages are secure and operating properly (see pedal linkage adjustment procedure page 8 or 9).
2. Using pump pedal, actuate system several times. This will force the air through the system and the jack should now pump up.

# Service Information

---

## JACK REPLACEMENT (WITHOUT COMPRESSION SPRING)

### Required Tools:

3/8" Wrench

1/2" Socket

1/2" Wrench

Needle-Nosed Pliers

### Replacement Procedure:

1. Apply stretcher brakes. Raise litter to full up. Raise Fowler to full up and raise siderails.
2. Use a 3/8" wrench to remove the bolt in the litter support tube above black bellows on both ends.
3. With the assistance of another person, lift off the stretcher litter and set it aside, taking care not to damage the siderails, etc.
4. Push down on the jack actuator to put the jack in the full down position.
5. Lift off the plastic base hood, separating the Velcro holding it to the base frame.
6. Using a 1/2" socket and 1/2" wrench, remove the four bolts, washers and nuts holding the jack support straps to the base frame.
7. Using needle-nosed pliers, remove the two cotter keys on the pump link and remove the pump link.
8. Using a 1/2" socket and a 1/2" wrench, remove the four bolts holding the jack base to the base frame (using a 3" extension may be required). Remove the jack from the base frame.
9. Reverse steps 6–8 to install the replacement jack. Reinstall the base hood and the stretcher litter.

## JACK REPLACEMENT (WITH COMPRESSION SPRING)

### Required Tools:

3/8" Wrench

Needle-Nosed Pliers

Straight Screwdriver

Spring Compression Tool

### Replacement Procedure:

1. Apply stretcher brakes. Raise litter to full up. Raise Fowler to full up and raise siderails.
2. Use a 3/8" wrench to remove the bolt in the litter support tube above black bellows on both ends.
3. With the assistance of another person, lift off the stretcher litter and set it aside, taking care not to damage the siderails, etc.
4. Push down on the jack actuator to put the jack in the full down position.
5. Lift off the plastic base hood, separating the Velcro holding it to the base frame.
6. Using needle-nosed pliers, pull cotter pin from pump cylinder.
7. Using a straight screwdriver and pump spring compression tool (available upon request), compress the pump spring and pry the pump link out of the pump cylinder.

---

### CAUTION

Be sure not to let the pump piston come out of the jack or damage may occur.

8. Remove and replace jack as described in the procedure above.
9. Replace pump spring and pump link using the straight screwdriver and the pump compression tool.
10. Reinstall the base hood and the stretcher litter.



# Service Information

---

## 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.

# Service Information

---

## 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.

# Service Information

---

## JACK DESCENT RATE ADJUSTMENT

### Required Tools:

Screwdriver                                      Bungee Cords (or equivalent)

### 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

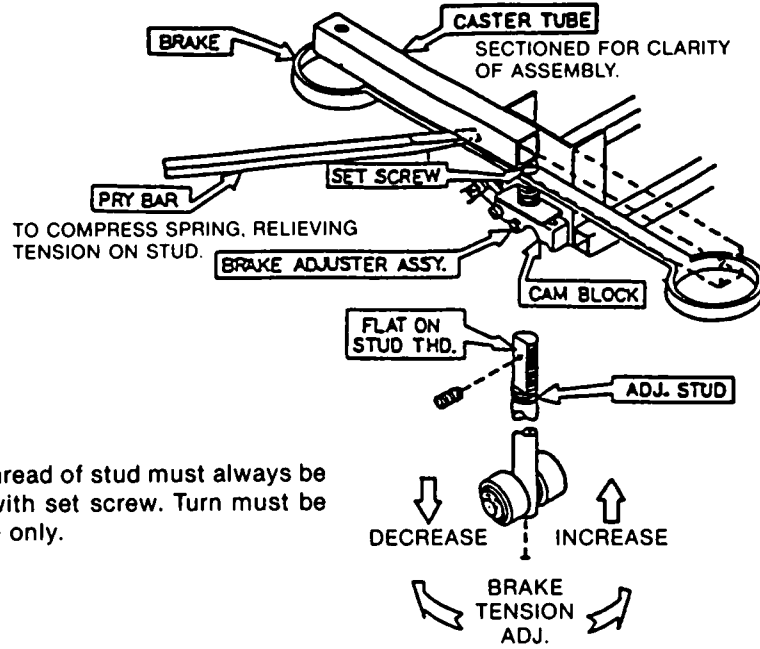
The jack descent rate was preset at the factory to drop the foot end faster than the head. It is recommended that the foot drop faster to avoid patient disorientation.

# Service Information

## BRAKE ADJUSTMENT

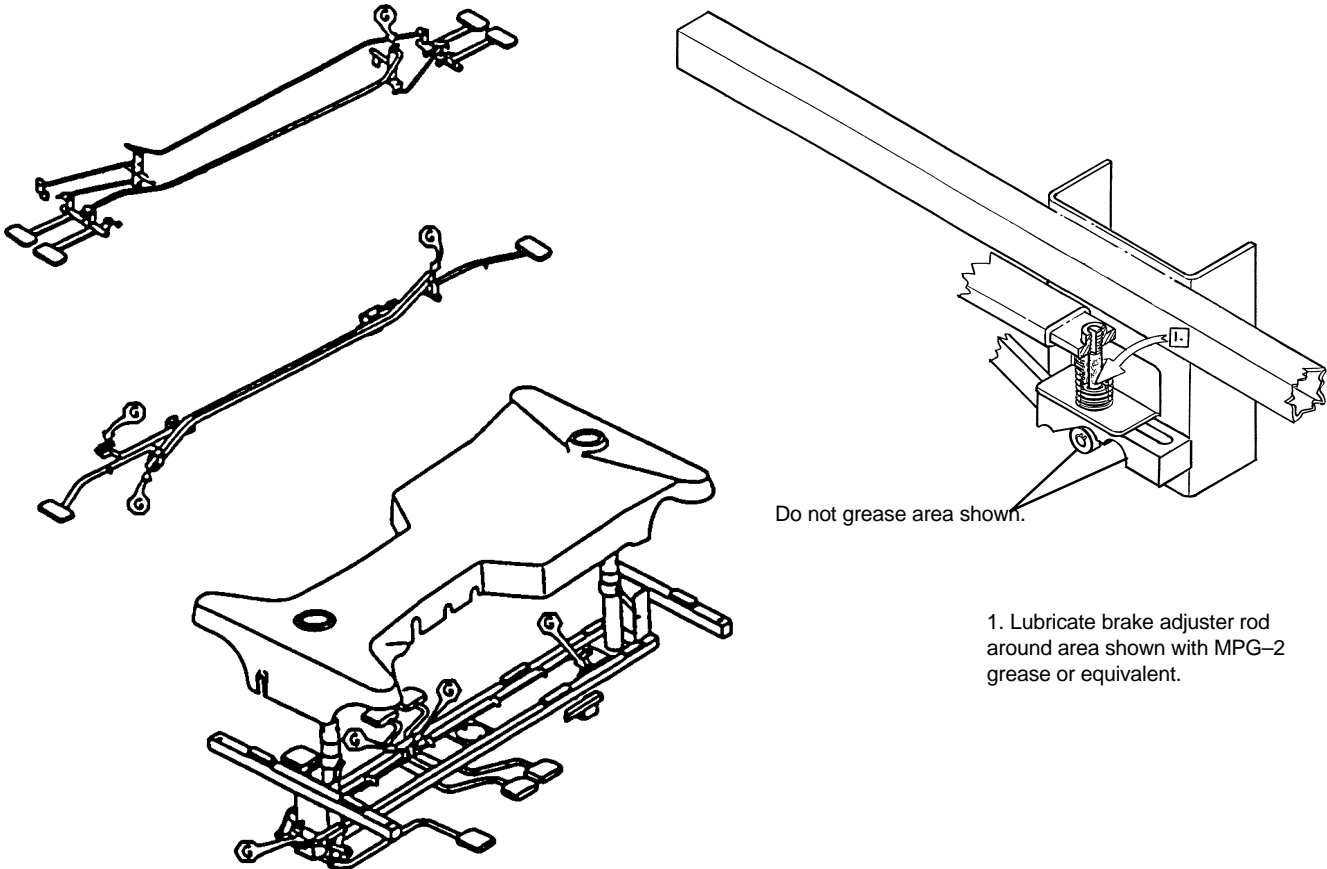
### Required Tools:

- 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



# Replacement Parts and Kits

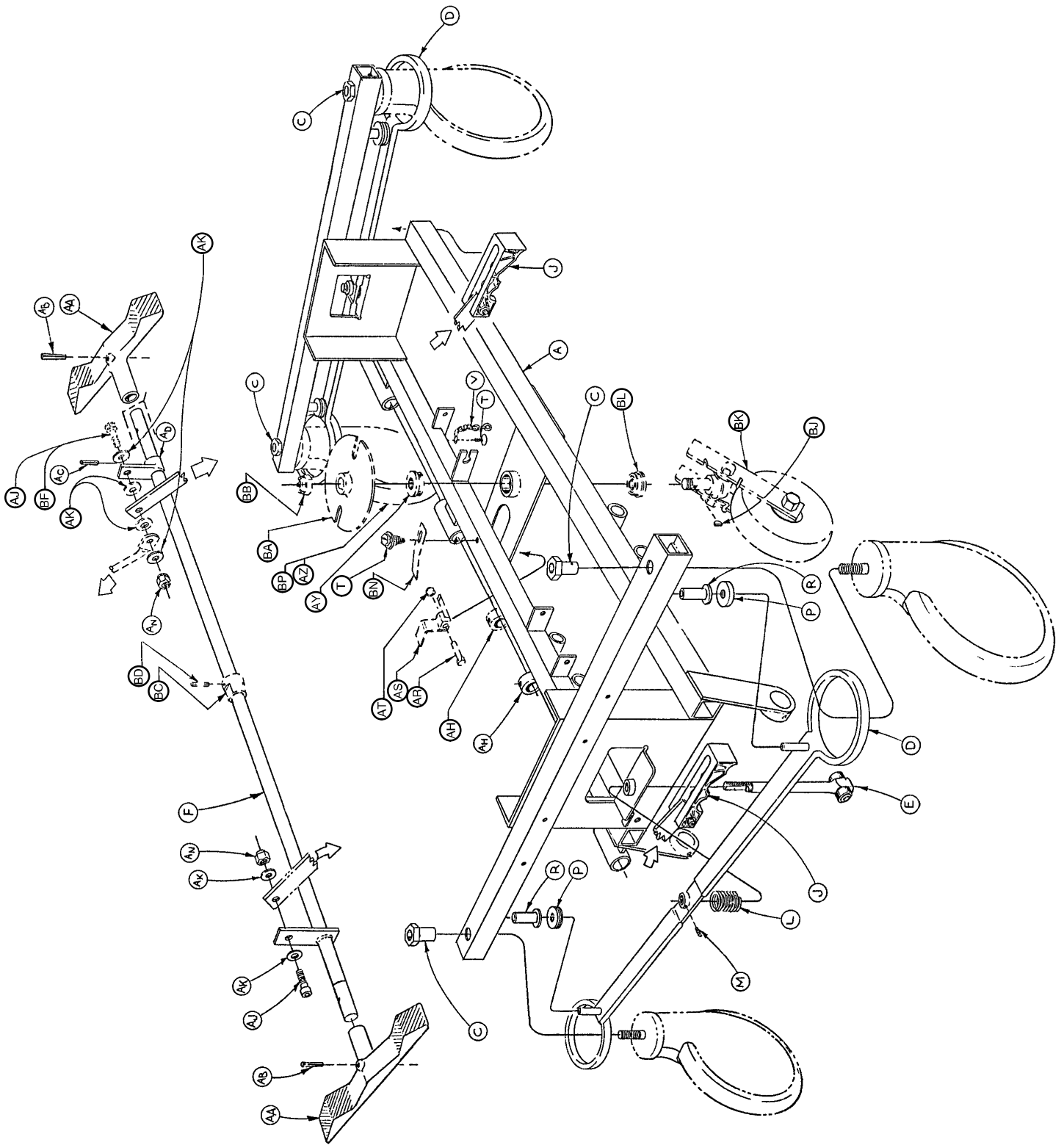
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<b><u>PART NAME</u></b>	<b><u>PART NUMBER</u></b>
Brake Adjuster .....	715-201-150
Brake Cam .....	715-1-213
Caster Assembly (1 complete) .....	715-259-100
Caster Assembly (set of 4) .....	715-259-400
Caster Cover Kit (set of 4) .....	1010-56-200
Chartholder .....	946-28-100
C-Spine Cassette Holder .....	1001-70
Defibrillator/Equipment Tray .....	926-39
Defibrillator Tray/Foot Extension .....	1010-50-100
Foot Board/Chartholder Combination .....	926-40-100
Foot Board (1 per package) .....	946-29-1
Foot Board (2 per package) .....	946-29-100
Instrument/Serving Tray .....	1052-26
I.V. Caddy Kit .....	1050-1-100
I.V. Caddy Tool Kit .....	1050-10
I.V. Pole Wide, Low Friction Removable .....	390-25
I.V. Pole Kit, Permanent 2-Stage, Head and Foot End .....	721-400-1
I.V. Pole, Permanent 3-Stage, Head End .....	721-61
I.V. Pole, Permanent 3-Stage, Foot End .....	721-62
I.V. Pole, Tethered .....	721-117
Jack Assembly .....	715-270-10
Jack Release Valve .....	715-270-100
Jack Pump Piston Assembly .....	715-100-425
Jack Spring Compression Tool .....	1210-1-3
Mattress, 3" x 24" Wide, Enhanced Comfort .....	721-248-106
Mattress, 4" x 24" Wide, Enhanced Comfort .....	721-247-106
Mattress, 3" x 26" Wide, Enhanced Comfort .....	1001-48-6
Mattress, 4" x 26" Wide, Enhanced Comfort .....	1001-47-6
Mattress, 3" x 24" Wide, Low Friction .....	1059-324-40
Mattress, 4" x 24" Wide, Low Friction .....	1059-424-40
Mattress, 3" x 26" Wide, Low Friction .....	1059-326-40
Mattress, 4" x 26" Wide, Low Friction .....	1059-426-40
Oxygen Bottle Holder, Upright .....	1020-30
Paint, Touch-Up, Gloss Black, Bottle w/Brush .....	7000-1-322
Paint, Touch-Up, Gloss Black, Spray Can .....	7000-1-319
Paint, Touch-Up, Gray, Bottle w/Brush .....	7000-1-320
Paint, Touch-Up, Gray, Spray Can .....	7000-1-317
Pneumatic Cylinder .....	1010-31-78
Restraint Strap, Ankle .....	946-43-100
Restraint Straps, Body .....	390-19
Restraint Strap, Wrist .....	946-44-100
Siderail Pad Set .....	1010-52

# Notes

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# Side Control Base Assembly (with Wheels & Brakes)



Assembly part number 715-1-250 (reference only)

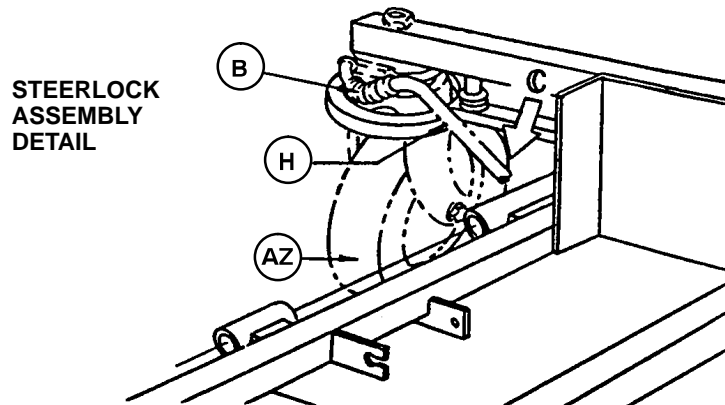
# Side Control Base Assembly (with Wheels & Brakes)

Item	Part No.	Part Name	Qty.
A	1210-1-120	Base Weldment Assembly	1
B	38-211	Spring	1
C	715-1-158	Caster Nut	4
D	715-1-61	Caster Brake Assembly	2
E	(Page 33)	Brake Adjuster Assembly	2
F	715-1-230	Brake/Steering Rod Assembly	1
H	1000-10-62	Steering Lock Linkage Bar	1
J	(Page 34)	Brake Cam Assembly	2
L	715-1-94	Compression Spring	2
M	21-50	Set Screw	2
P	715-1-11	Brake Cushion	4
R	946-1-116	Brake Bar Bushing	4
T	23-25	Self-Tapping Screw	2
V	715-1-156	Grounding Chain	1
AA	715-201-201	Brake/Steer Pedal	2
AB	26-261	Groove Pin	2
AC	26-13	Roll Pin	1
AD	715-1-165	Actuator Plate Assembly	1
AH	42-20	Collar w/ Set Screw	2
AJ	8-17	Soc. Hd. Cap Screw	2*
AK	14-2	Nylon Washer	4
AN	16-2	Fiberlock Nut	2
AR	3-20	Hex Hd. Cap Screw	1
AS	715-1-217	Fifth Wheel Latch	1
AT	16-16	Nylock Nut	1
AY	715-1-157	Fifth Wheel Bearing	1
AZ	(Page 36)	Steering Caster Assembly	1**
BA	715-1-337	Fifth Wheel Plate Assembly	1
BB	16-49	Flexlock Nut	1
BC	715-1-161	Fifth Wheel Cam	1
BD	26-8	Roll Pin	1
BF	8-21	Soc. Hd. Cap Screw	1**
BJ	715-1-149	Woodruff Key	1
BK	(Page 40)	Fifth Wheel Assembly	1
BL	81-219	Bearing	1
BN	715-1-136	Fifth Wheel Spring	1
BP	(Page 35)	Caster Wheel Assembly	3***

\* Item AJ to be used only when fifth wheel is ordered.

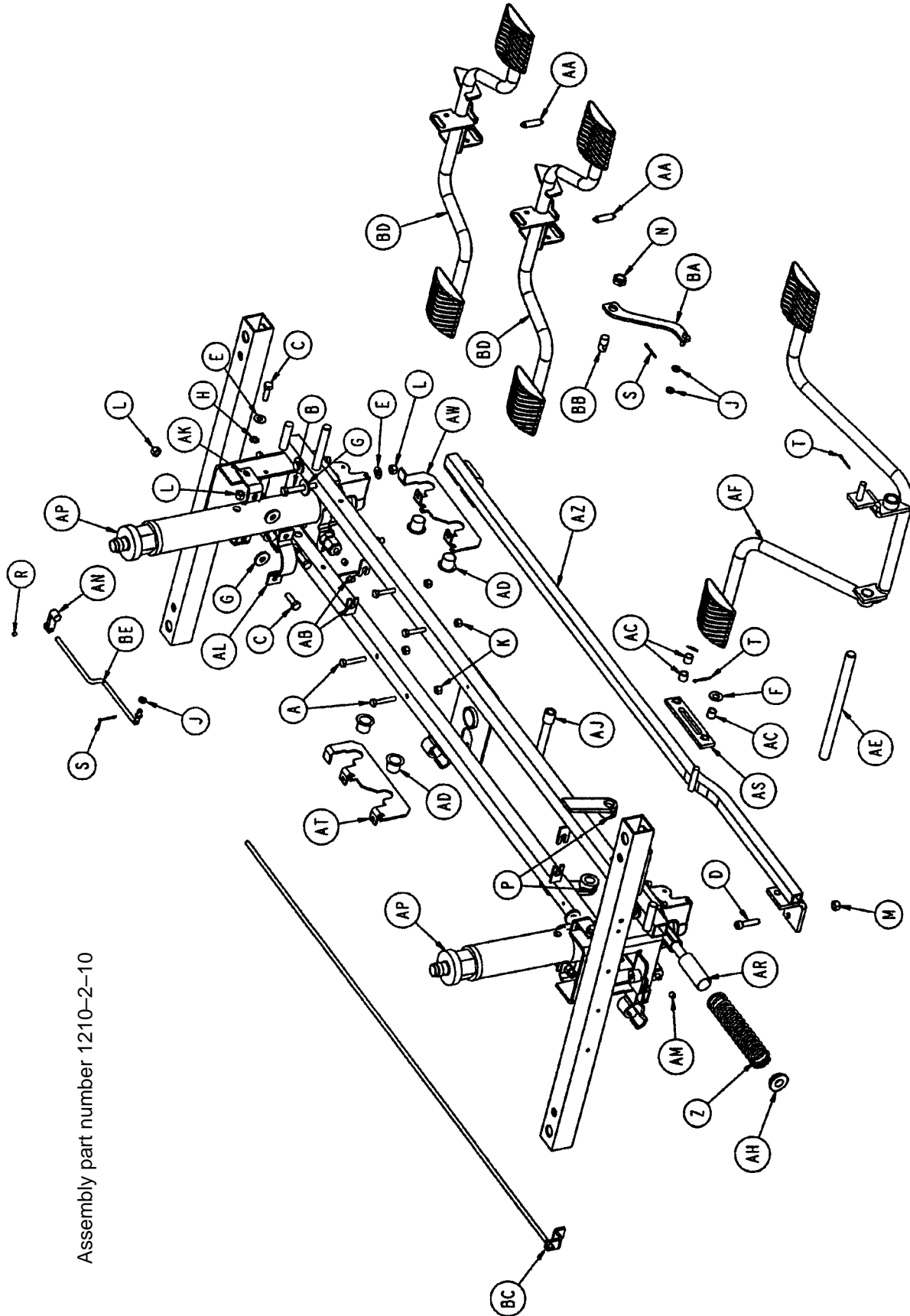
\*\*Items AZ and BF to be used only when steerlock caster is ordered.

\*\*\* Item BP quantity of four when fifth wheel is ordered.





# Side Control Base Assembly (with Jacks)



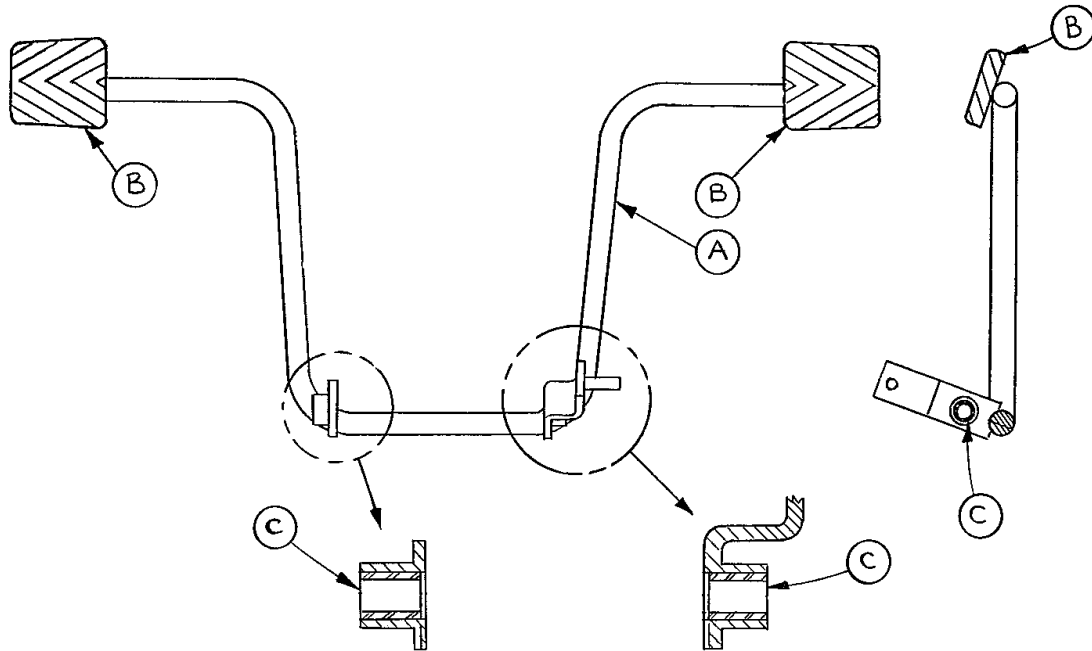
Assembly part number 1210-2-10

# Side Control Base Assembly (with Jacks)

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Item	Part No.	Part Name	Qty.
A	3-47	Hex Head Cap Screw	4
B	3-62	Hex Hd. Cap Screw	8
C	3-85	Hex Hd. Cap Screw	8
D	4-146	Soc. Hd. Cap Screw	2
E	11-3	Washer	12
F	11-4	Flat Washer	1
G	11-262	Flat Washer	12
H	13-38	Ext. Tooth Lock Washer	4
J	14-2	Washer	3
K	16-28	Nylock Nut	4
L	16-36	Nylock Hex Nut	16
M	16-48	Nylock Nut	2
N	16-49	Nylock Jam Nut	1
P	21-22	Set Screw	2
R	21-50	Set Screw	1
S	27-4	Cotter Pin	2
T	27-7	Cotter Pin	2
W	29-7	Dual Lock	3
Y	29-9	Dual Lock	3
Z	38-246	Compression Spring	1
AA	38-355	Extension Spring	2
AB	52-245	Nyliner	3
AC	52-284	Spacer	3
AD	52-747	Nyliner Bearing	4
AE	715-1-92	Pump Pedal Shaft	1
AF	(page 26)	Pump Pedal Assembly	1
AH	715-1-133	Collar	1
AJ	715-1-140	Vinyl Tubing	1
AK	715-1-192	Jack Support	2
AL	715-1-193	Jack Clamp	2
AM	715-1-333	Release Rod Stop Sleeve	2
AN	715-1-346	Release Paddle	1
AP	(Page 37)	Jack Assembly	2
AR	763-1-16	Spring Guide	1
AS	1210-1-104	Pump Pedal Link Assembly	1
AT	1210-1-114	Pedal Pivot, Right	1
AW	1210-1-115	Pedal Pivot, Left	1
AZ	1210-1-127	Pump Connecting Rod Wldmt.	1
BA	1210-1-134	Release Pedal Linkage Wldmt.	1
BB	1210-1-138	Release Rod Clamp	1
BC	1210-1-139	Release Rod Weldment	1
BD	(Page 27)	Release Pedal Assembly	2
BE	5050-1-222	Head End Linkage	1

# 715-1-108 Side Pump Pedal Assembly



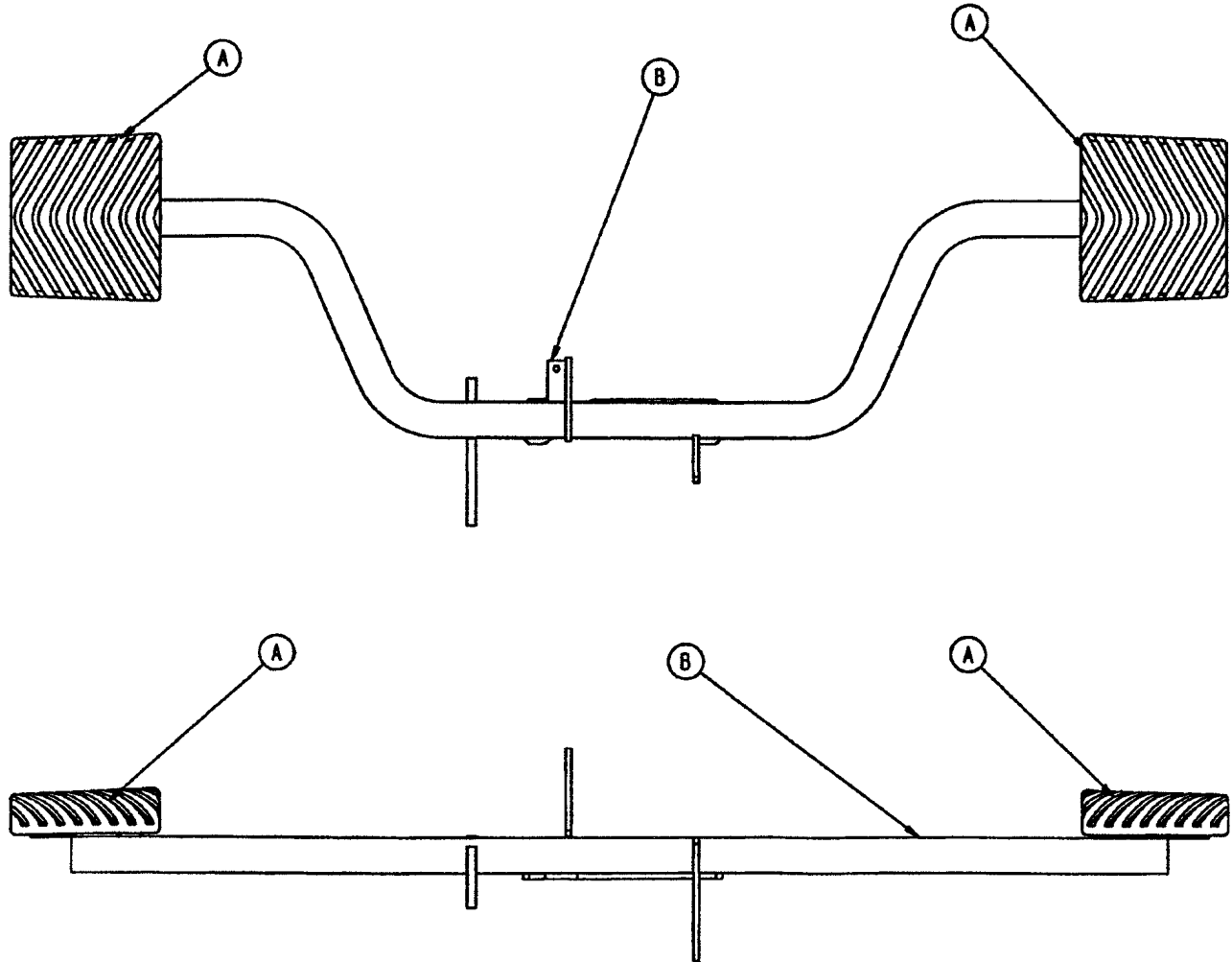
Item	Part No.	Part Name	Qty.
A	715-1-83	Pedal Ass'y Weldm't, Pump	1
B	715-1-126	Side Control Pedal Pad	2
C	81-44	Bearing, Bronze	2

## NOTE

Apply plastic adhesive to the mating surfaces of item B prior to assembly.

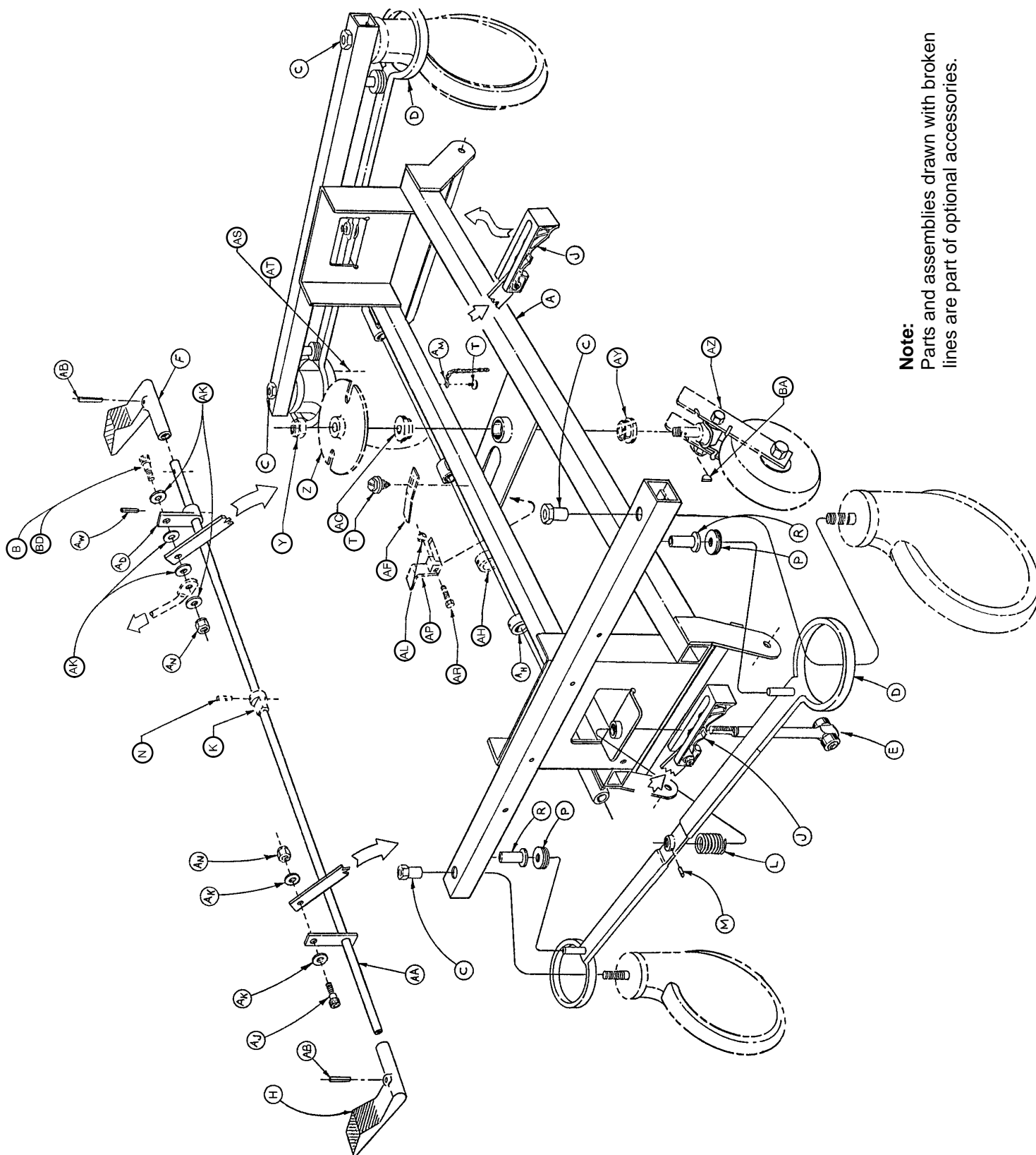
# 1210-1-150 Side Release Pedal Assembly

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Item	Part No.	Part Name	Qty.
A	715-1-126	Side Control Pedal Pad	2
B	1210-1-152	Side Release Pedal Weldment	1

# End Control Base Assembly (with Wheels and Brakes)

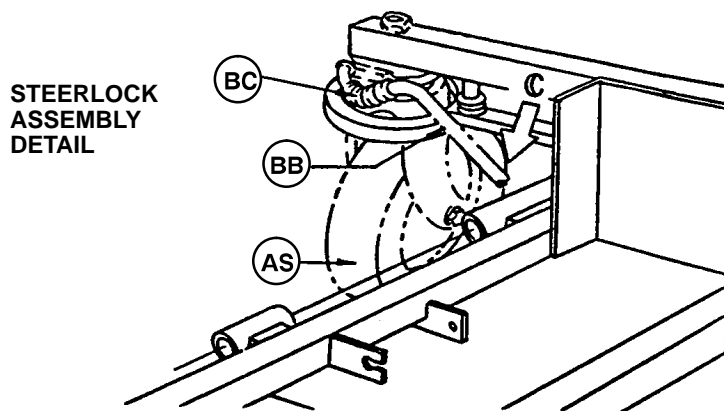


**Note:**  
Parts and assemblies drawn with broken lines are part of optional accessories.

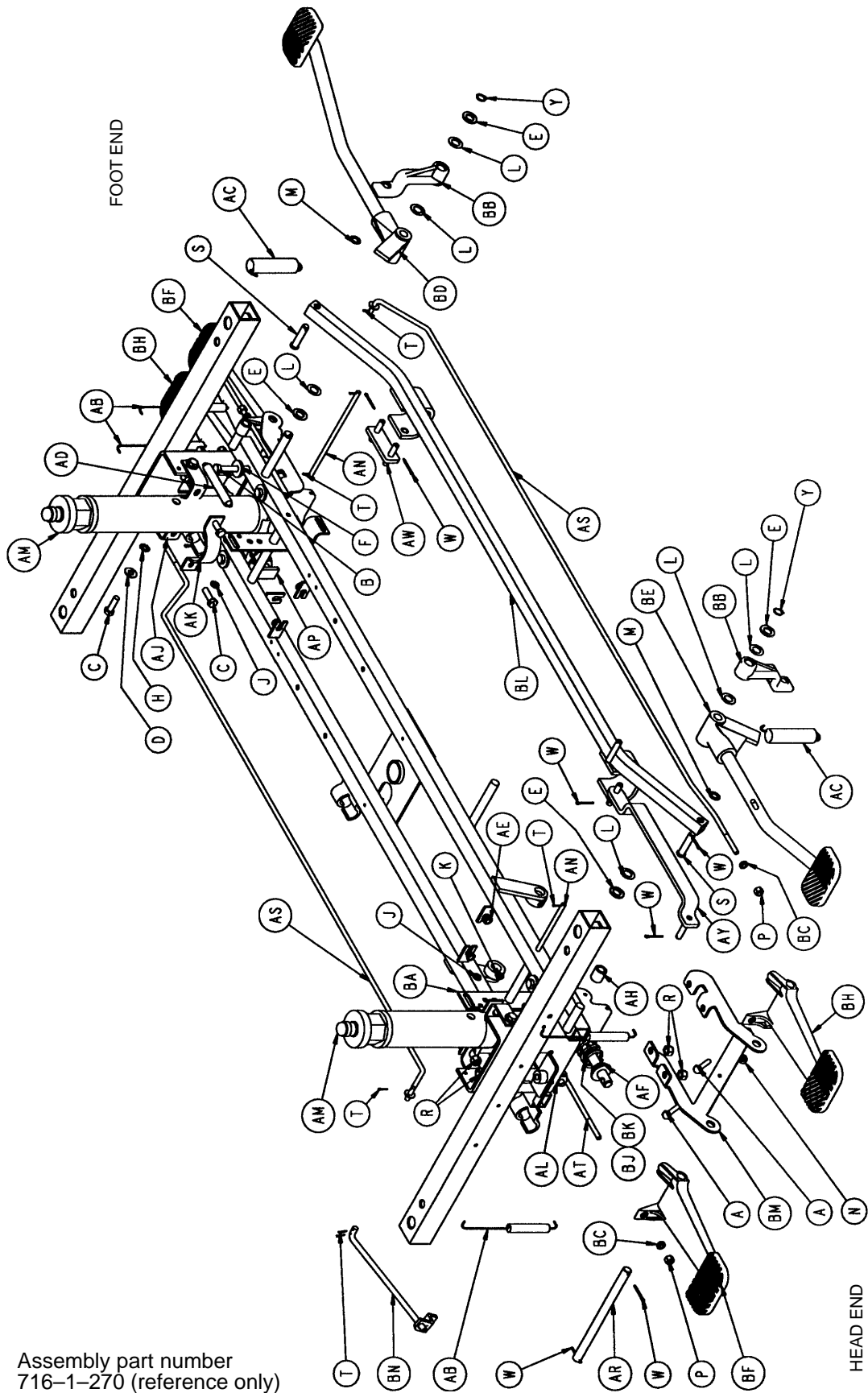
Assembly part number 716-1-251 (reference only)

# End Control Base Assembly (with Wheels and Brakes)

Item	Part No.	Part Name	Qty.
A	1210-1-120	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 33)	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 34)	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
Y	16-49	Flexlock Nut	1
Z	715-1-337	Fifth Wheel Plate Ass'y	1
AA	715-1-230	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 36)	Steering Caster Ass'y	1
AT	(Page 35)	Caster Wheel Ass'y	3
AY	81-219	Bearing	1
AW	26-13	Roll Pin	1
AZ	(Page 40)	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



# End Control Base Assembly (with Jacks)



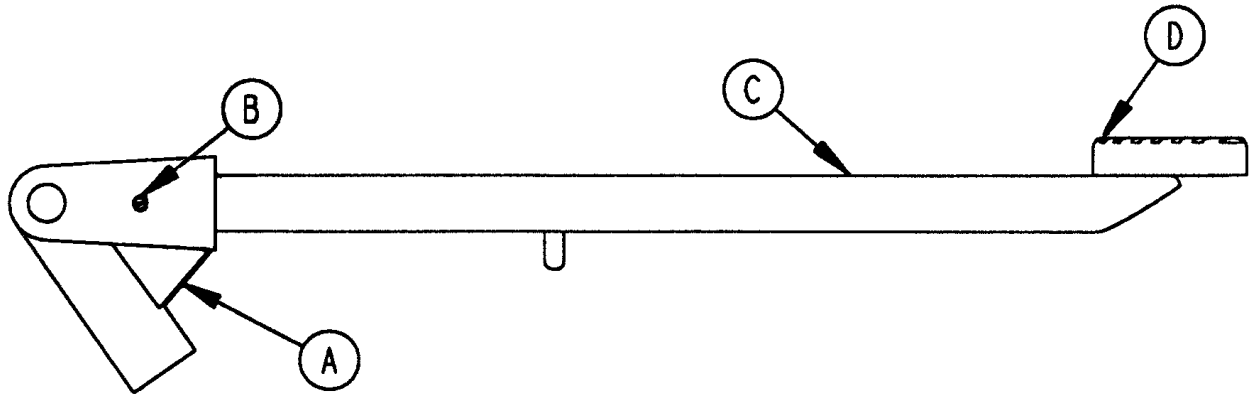
# End Control Base Assembly (with Jacks)

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Item	Part No.	Part Name	Qty.
A	3-4	Hex Head Cap Screw	4
B	3-62	Hex Hd. Cap Screw	8
C	3-85	Hex Hd. Cap Screw	8
D	11-3	Washer	4
E	11-13	Flat Washer	4
F	11-262	Flat Washer	8
H	13-38	Ext. Tooth Lock Washer	4
J	14-2	Washer	4
K	14-3	Washer	2
L	14-7	Nylon Flat Washer	6
M	14-9	Washer	2
N	15-11	Hex Jam Nut	4
P	16-16	Nylock Nut	4
R	16-36	Nylock Hex Nut	16
S	26-195	Clevis Pin	2
T	27-4	Cotter Pin	10
W	27-3	Cotter Pin	10
Y	28-97	Snap Ring	2
Z	29-7	Dual Lock	3
AA	29-9	Dual Lock	3
AB	38-235	Spring	4
AC	38-251	Spring	2
AD	38-326	Extension Spring	2
AE	52-245	Nyliner	4
AF	715-1-133	Spring Collar	1
AH	715-1-140	PVC Tubing	2
AJ	715-1-192	Jack Support	2
AK	715-1-193	Jack Clamp	2
AL	715-1-333	Release Rod Stop Sleeve	2
AM	(Page 37)	Jack Assembly	2
AN	716-1-15	Release Pivot Bar	2
AP	716-1-52	Pivot Assembly, Foot	1
AR	716-1-61	Pedal Shaft	2
AS	716-1-71	Release Rod Ass'y	2
AT	716-1-75	Release Rod	2
AW	716-1-102	Pump Link Wldmt. Ass'y, Ft.	1
AY	716-1-109	Pump Link Bar Wldmt., Hd.	1
BA	716-1-119	Pivot Assembly, Head End	1
BB	716-1-281	Pump Idler Link	2
BC	716-1-286	Cam, Release Pedal	4
BD	(Page 32)	Pump Pedal Ass'y, Foot	1
BE	(Page 32)	Pump Pedal Ass'y, Head	1
BF	716-1-293	Rel Pedal, Hd. Lt. & Ft. Rt.	2
BH	716-1-294	Rel. Pedal, Hd. Rt. & Ft. Lt.	2
BJ	763-1-15	Spring	1
BK	763-1-16	Spring Guide	1
BL	1210-1-27	Pump Conn. Rod Ass'y	1
BM	1210-1-111	End Release Pedal Bracket	2
BN	1210-1-112	Release Rod Wldmt., Head, Left	1

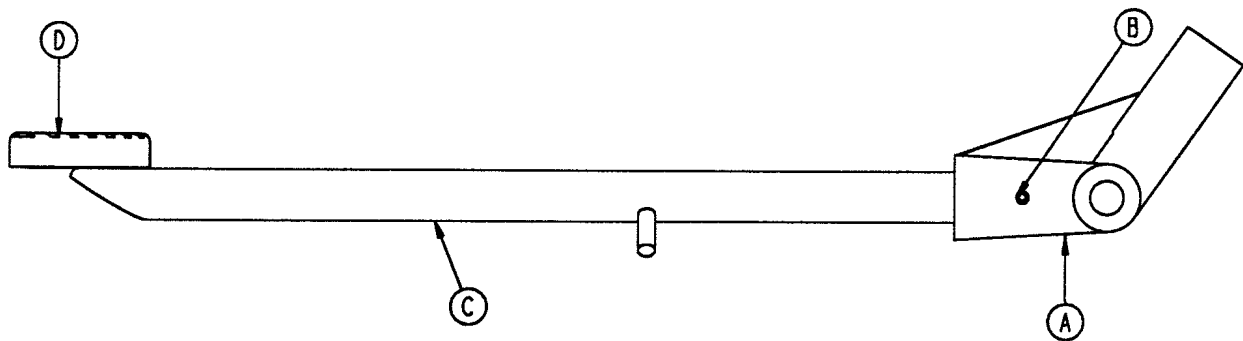


## 716-1-292 End Control Pump Pedal Assembly, Head



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

## 716-1-288 End Control Pump Pedal Assembly, Foot

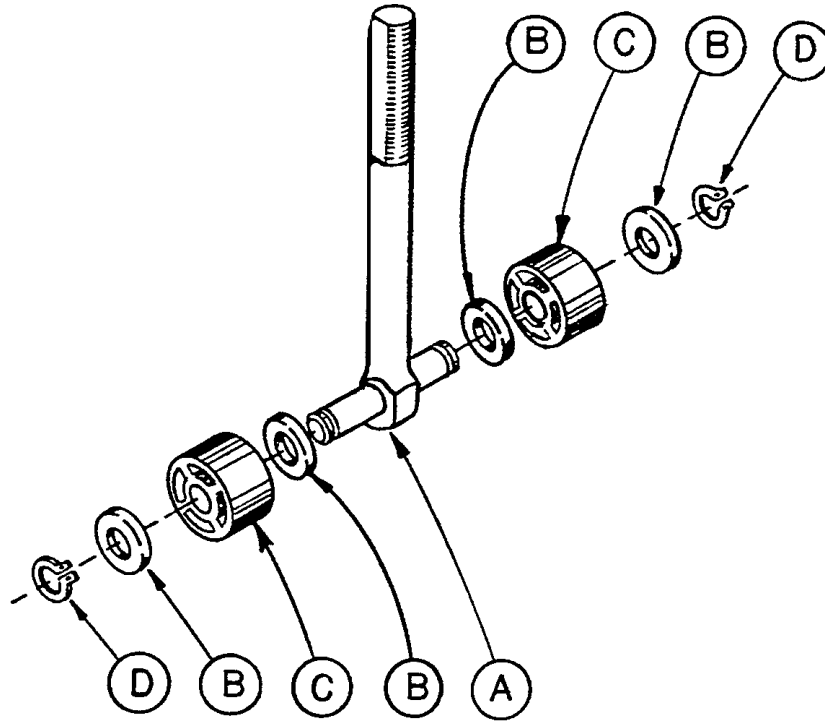


Item	Part No.	Part Name	Qty.
A	716-1-283	Pump Pivot, Foot End	1
B	26-12	Roll Pin	1
C	716-1-289	Pump Ped. Wldmt., Foot	1
D	721-40-25	Pedal	1

### NOTE

Apply plastic adhesive to the mating surfaces of item D prior to assembly.

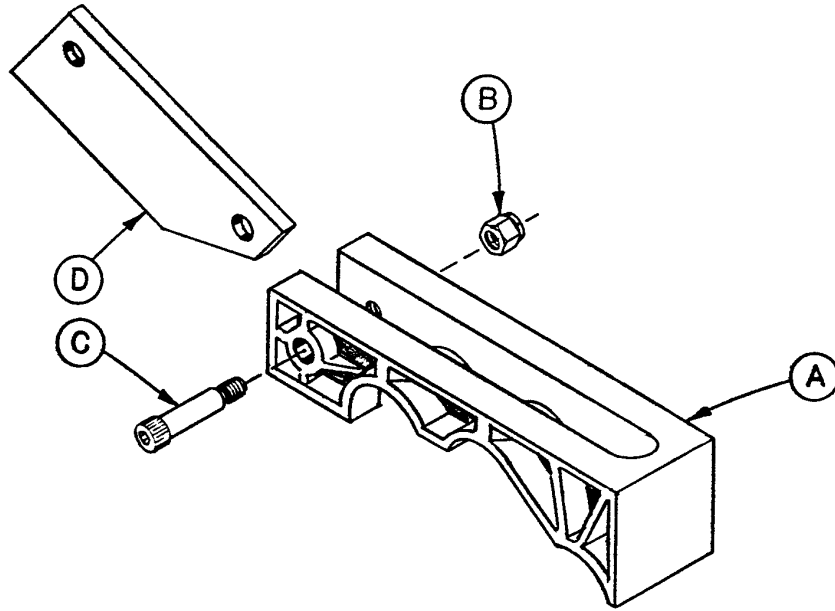
# 715-1-150 Brake Adjuster Assembly



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

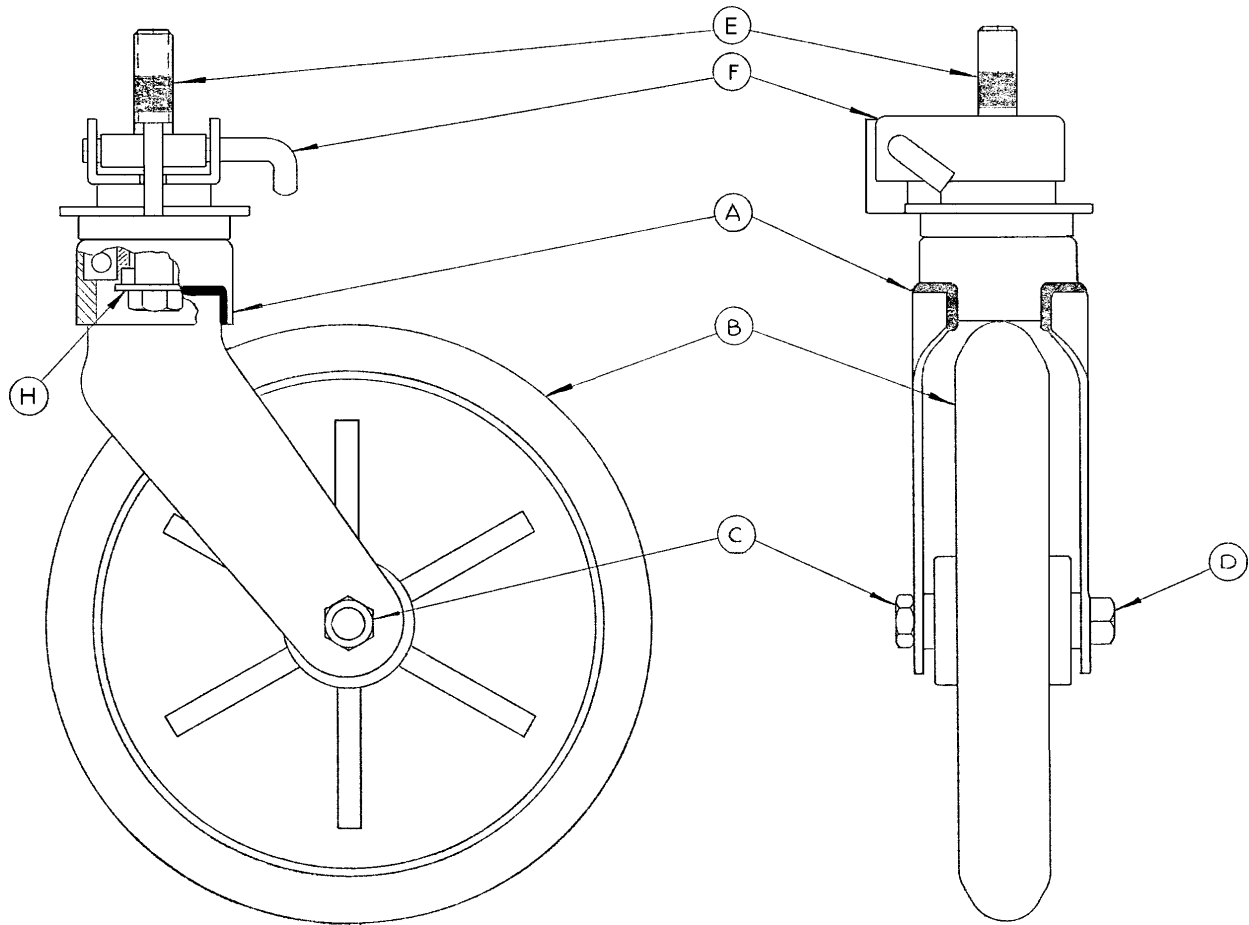
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Item	Part No.	Part Name	Qty.
A	715-1-221	Brake Cam	1
B	16-59	Fiberlock Nut	1
C	8-21	Soc. Hd. Cap Screw	1
D	715-1-173	Brake Connecting Link	1



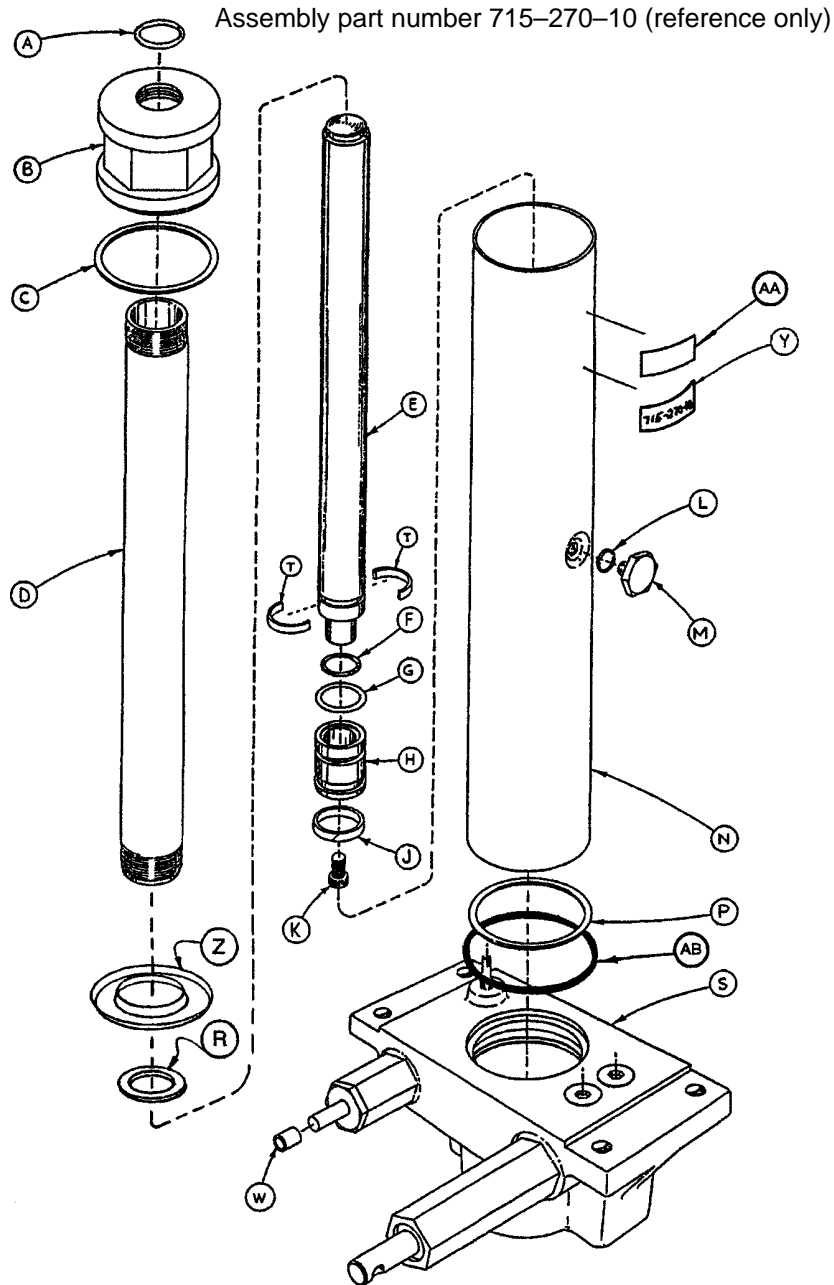
# 715-269-100 Caster Assembly with Steerlock



Assembly part number 715-2-21 (reference only)

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	715-3-96	Hex Bolt	1
F	1000-59-10	Latch Assembly	1
H	11-310	Flat Washer	1

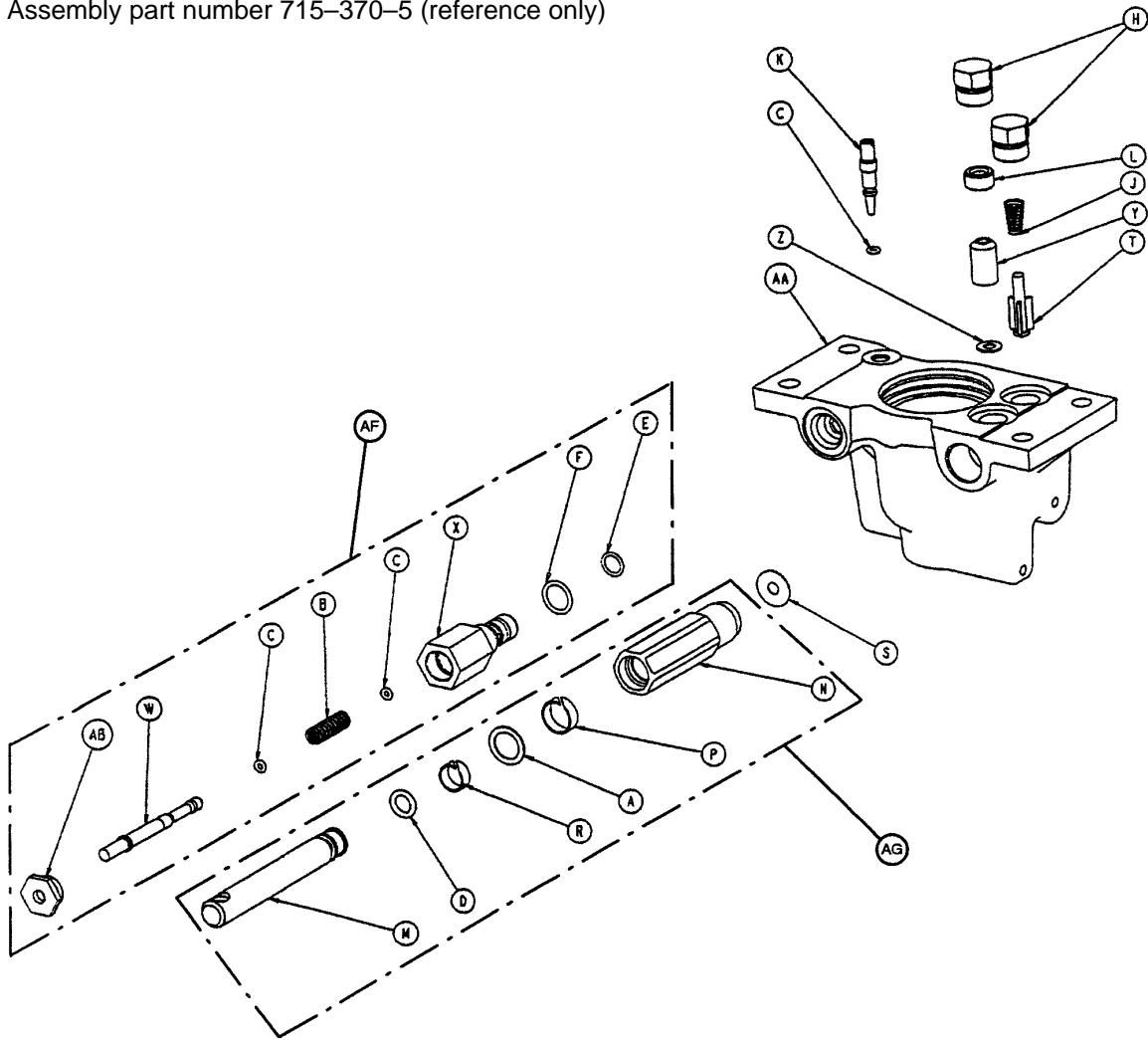
# 715-270-400 Jack Assembly



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	45-904	O-Ring	1	M	388-1-38	Plug	1
B	715-1-340	Cap Assembly	1	N	715-1-322	Reservoir	1
C	390-1-243	Gasket	1	P	390-1-244	Gasket	1
D	715-1-323	Actuator Cylinder	1	R	390-1-238	Gasket, Actuator	1
E	715-1-325	Actuator	1	S	(Page 38)	Jack Base Assembly	1
F	45-14	O-Ring	1	T	390-2-139	Retaining Collar	2
G	926-20-161	Parker Packing	1	W	715-1-333	Rel. Valve Stop Sleeve	1
H	715-1-331	Piston End	1	Y	715-270-11	Label	1
J	926-20-162	Wear Ring	1	Z	715-1-320	Jack Screen	1
K	4-14	Soc. Hd. Cap Screw	1	AA	921-1-252	Serial No. Label	1
L	45-110	O-Ring	1	AB	45-978	O-Ring	1

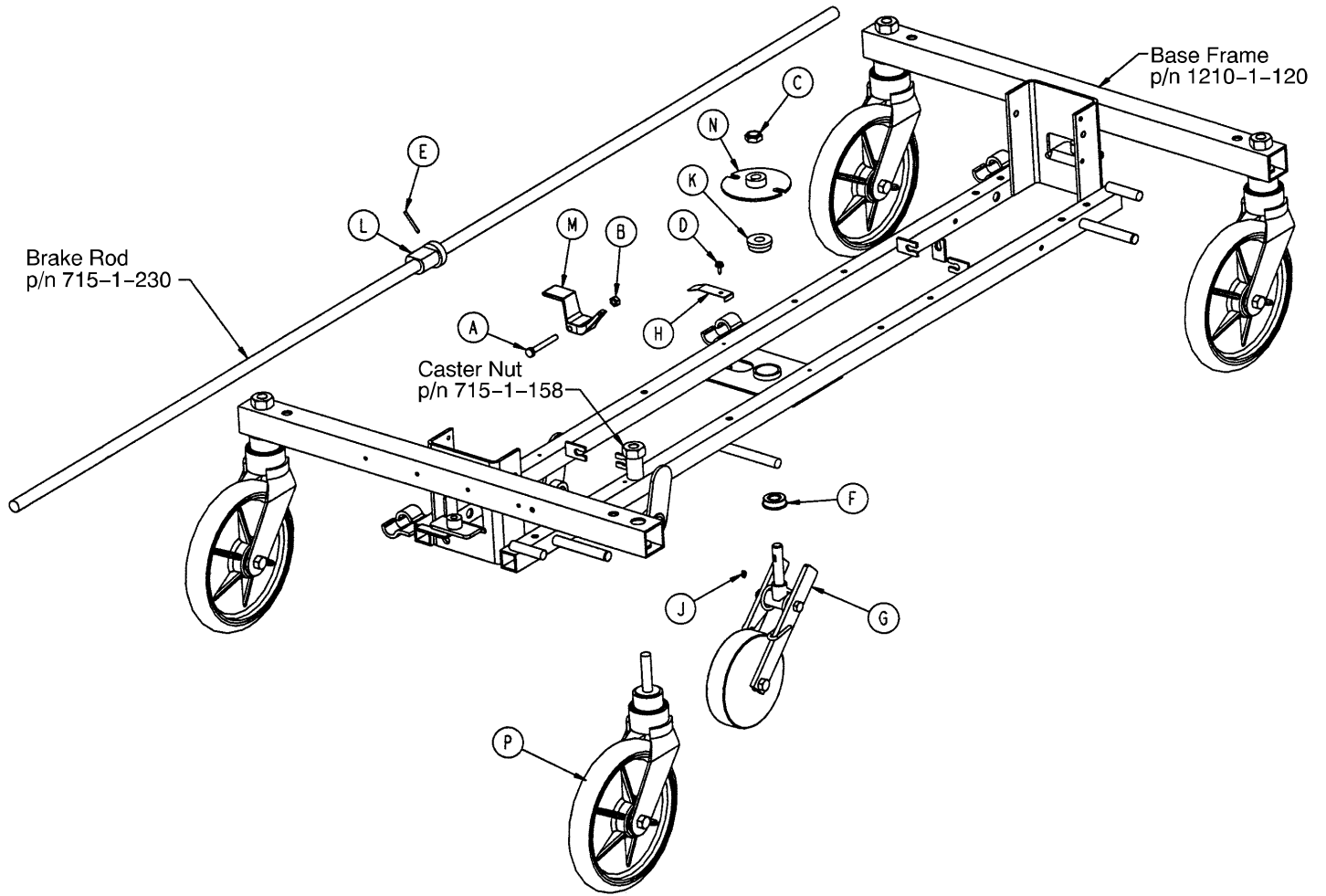
# Jack Base Assembly

Assembly part number 715-370-5 (reference only)



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	14-50	Bearing Retainer	1	P	715-1-327	Cylinder Wear Ring	1
B	38-311	Compression Spring	1	R	715-1-328	Piston Wear Ring	1
C	45-6	O-Ring	3	S	715-1-329	Pump Seal	1
D	45-110	O-Ring	1	T	715-1-341	Poppet	1
E	45-966	O-Ring	1	W	715-270-1	Pin	1
F	45-967	O-Ring	1	X	715-270-2	Pin Housing	1
H	48-147	Base Plug	2	Y	926-20-153	Check Valve	1
J	390-2-134	Conical Comp. Spring	1	Z	926-20-154	Seal	1
K	715-1-307	Needle Valve	1	AA	1210-70-12	Jack Base	1
L	715-1-309	Valve Plug	1	AB	1210-70-13	Base Plug	1
M	715-1-318	Pump Piston	1	AF	715-270-100	Valve Assembly	1
N	715-1-316	Pump Cylinder	1	AF	715-100-325	Pump Piston Ass'y	1

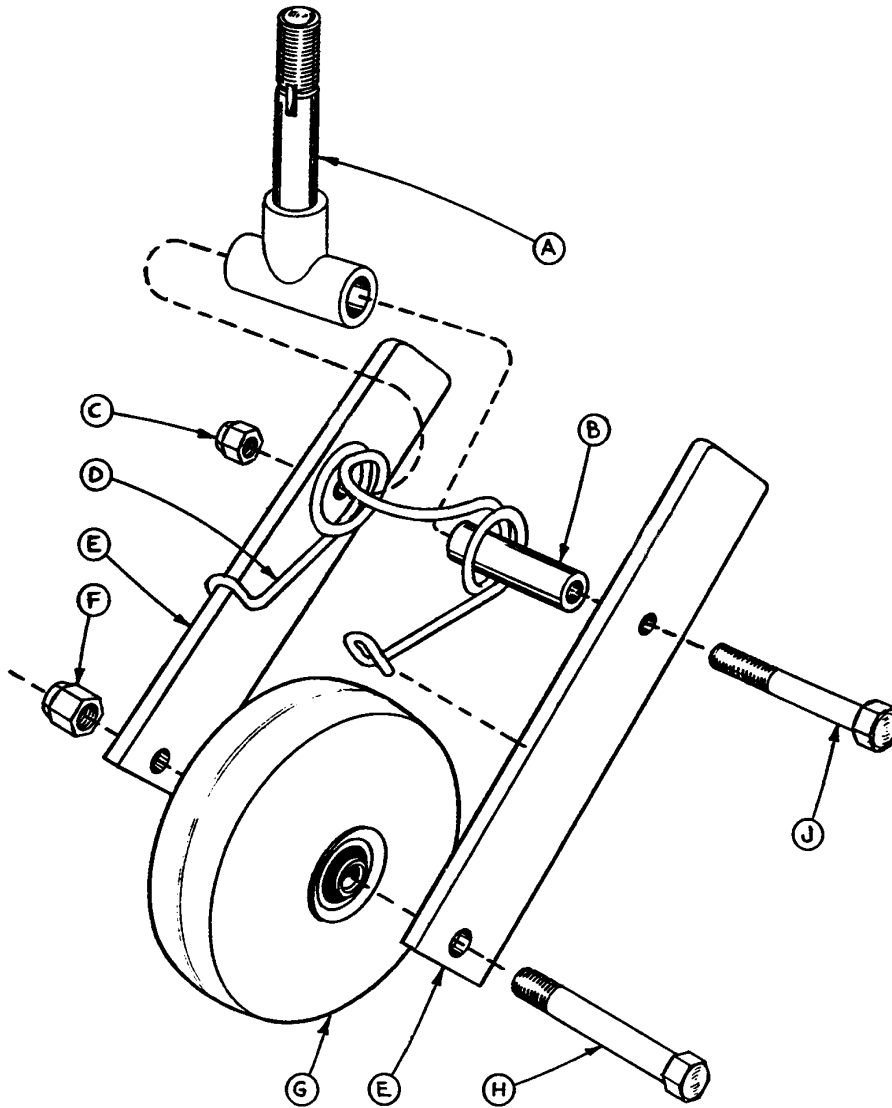
# Optional Fifth Wheel Base Assembly



Item	Part No.	Part Name	Qty.
A	3-20	Hex Hd. Cap Screw	1
B	16-16	Fiberlock Nut	1
C	16-49	Nylock Hex Nut	1
D	23-25	Hex Washer Hd. Screw	1
E	26-8	Roll Pin	1
F	81-219	Bearing	1
G	(page 40)	Fifth Wheel Assembly	1
H	715-1-136	Fifth Wheel Spring	1
J	715-1-149	Key	1
K	715-1-157	Fifth Wheel Bearing	1
L	715-1-161	Fifth Wheel Cam	1
M	715-1-217	Fifth Wheel Latch	1
N	715-1-337	Fifth Wheel Plate	1
P	(page 35)	Caster Assembly	4

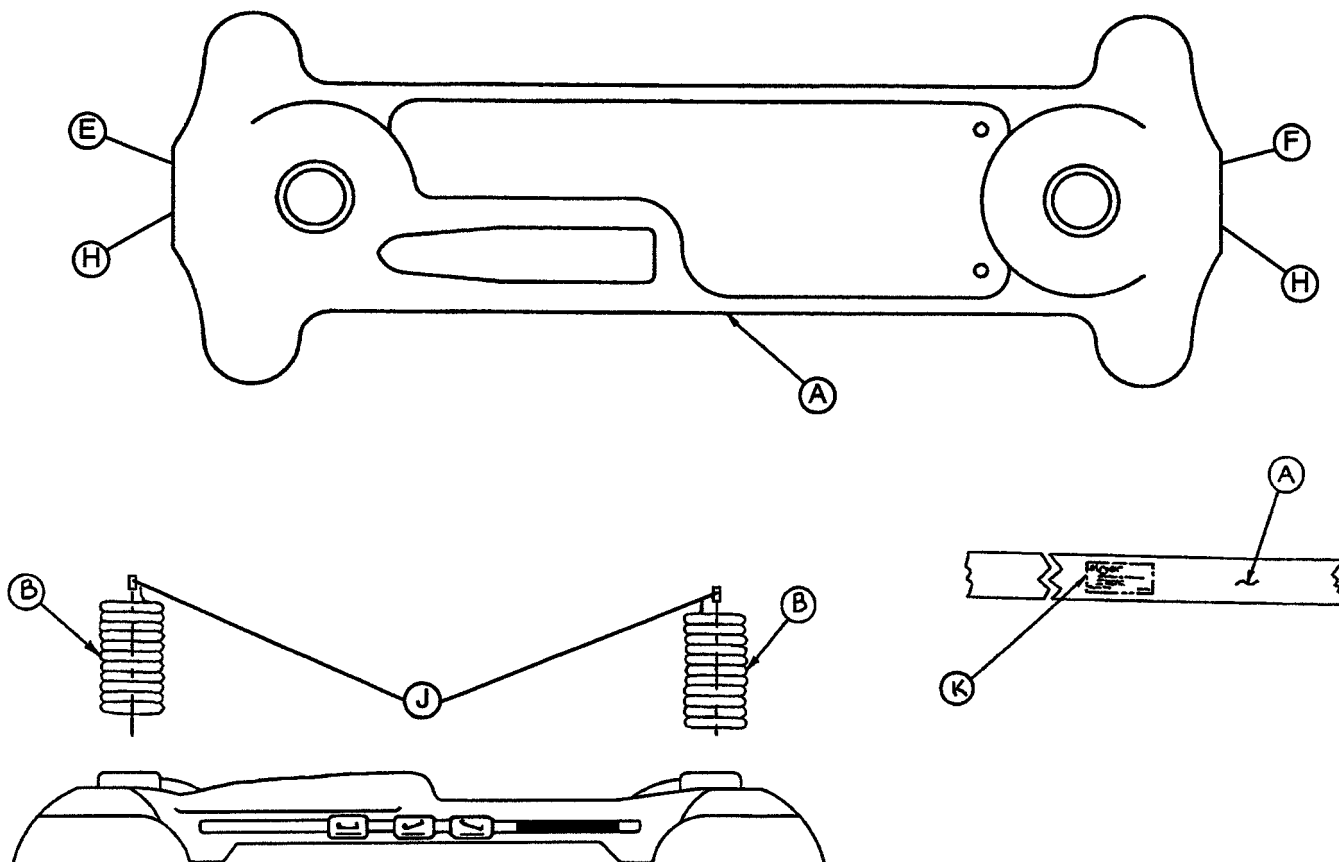


# 715-1-25 Fifth Wheel Assembly



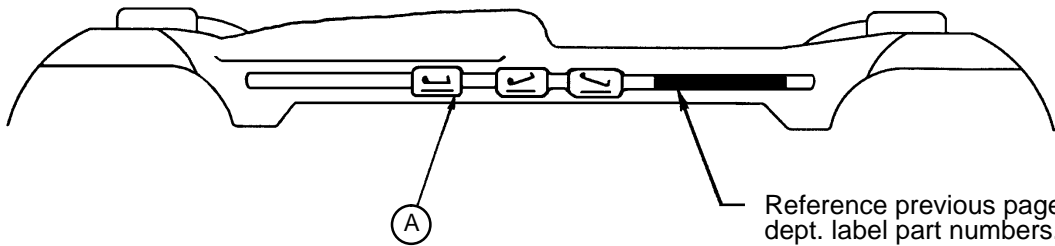
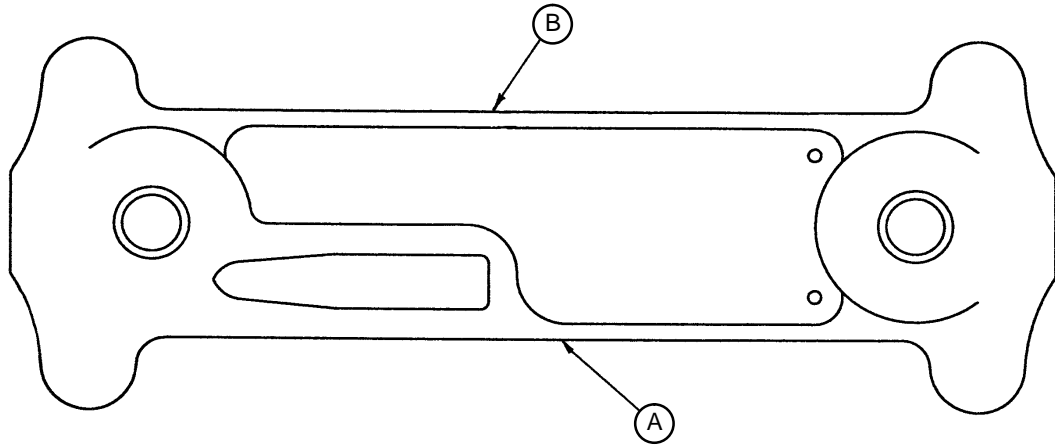
Item	Part No.	Part Name	Qty.
A	715-1-339	Fifth Wheel Pivot Assembly	1
B	715-1-17	Fifth Wheel Bushing	1
C	16-11	Flexlock Nut	1
D	715-1-15	Spring	1
E	715-1-13	Fifth Wheel Bracket	2
F	16-12	Flexlock Nut	1
G	390-1-54	Wheel	1
H	3-31	Hex Head Cap Screw	1
J	3-82	Hex Head Cap Screw	1

# Side Control Base Labeling Assembly



Item	Part No.	Part Name	Qty.
A	1001-100-1	Hood Assembly	1
B	715-1-134	Bellows	2
C	29-7	Dual Lock (not shown)	1
D	29-9	Dual Lock (not shown)	1
E	741-1-145	Brake/Steer Label, Head	1
F	741-1-146	Brake/Steer Label, Foot	1
H	946-1-60	Stryker Logo Label	2
J	721-201-17	Riser Tube	1
K	721-32-90	Specification Label	1

# Side Control Graphics



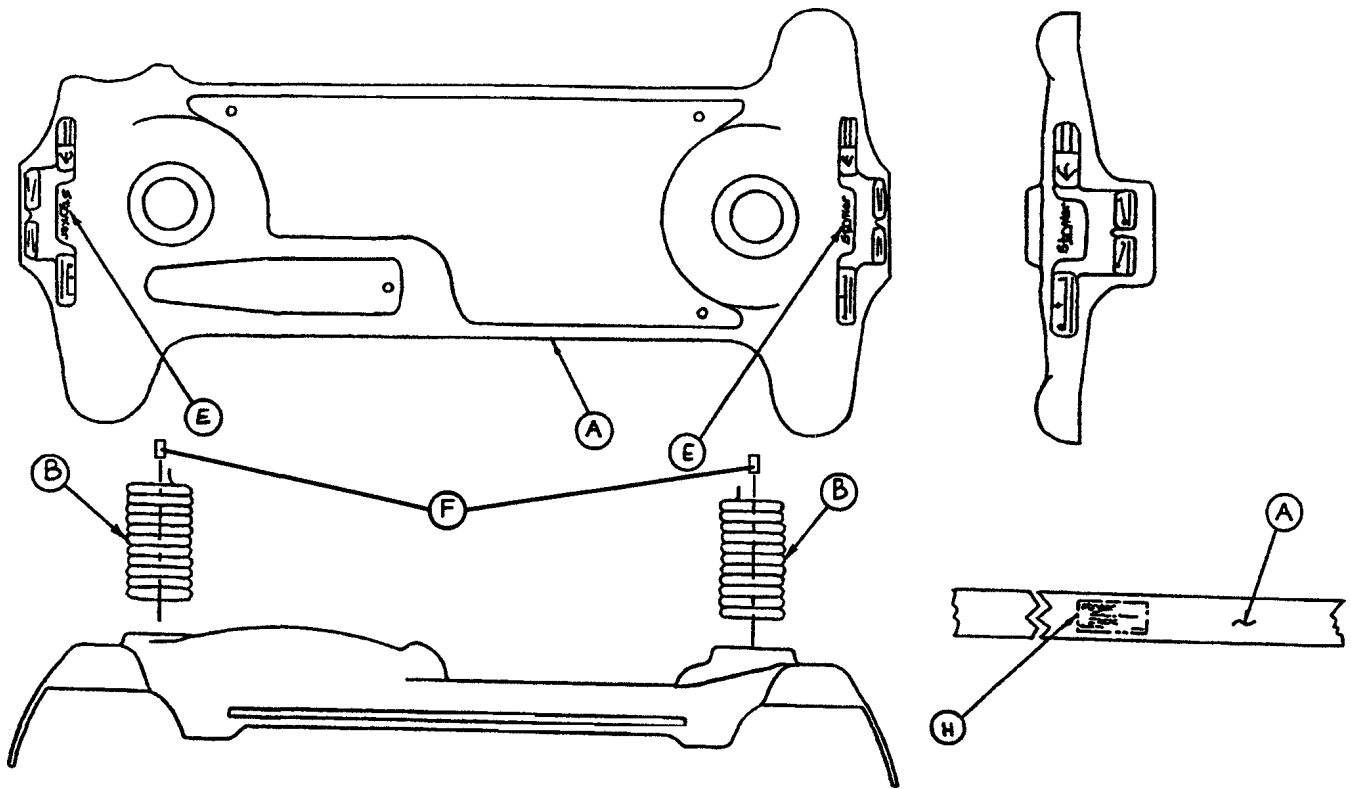
Color	Item A Control Label, Right	Item B Control Label, Left	Litter Bumper Strip
RED	1001-700-111	1001-700-112	1010-700-15
PURPLE	1001-700-121	1001-700-122	1010-700-25
GREEN	1001-700-131	1001-700-132	1010-700-35
GRAY	1001-700-141	1001-700-142	1010-700-45
TEAL	1001-700-151	1001-700-152	1010-700-55
PINK	1001-700-161	1001-700-162	1010-700-65
BLUE	1001-700-171	1001-700-172	1010-700-75

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

**NOTE**

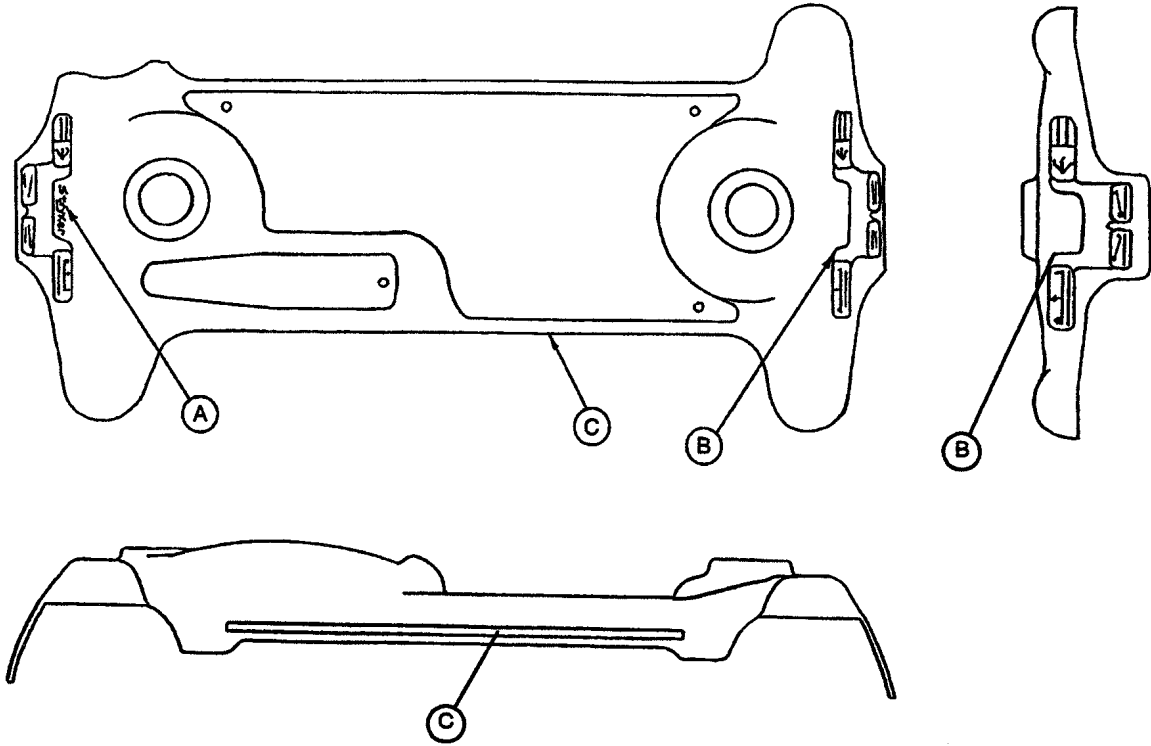
All department labels are quantity of two.

# End Control Base Labeling Assembly



Item	Part No.	Part Name	Qty.
A	1001-100-1	Hood Assembly	1
B	715-1-134	Bellows	2
C	29-7	Dual Lock (not shown)	1
D	29-9	Dual Lock (not shown)	1
E	946-1-60	Stryker Logo Label	2
F	721-201-17	Riser Tube	2
H	721-32-90	Specification Label	1

# End Control Graphics



Color	Item A Control Label, Head	Item B Control Label, Foot	Item C Stripe Label	Litter Bumper Strip
RED	1010-800-11	1010-800-12	1010-800-13	1010-700-15
PURPLE	1010-800-21	1010-800-22	1010-800-23	1010-700-25
GREEN	1010-800-31	1010-800-32	1010-800-33	1010-700-35
GRAY	1010-800-41	1010-800-42	1010-800-43	1010-700-45
TEAL	1010-800-51	1010-800-52	1010-800-53	1010-700-55
PINK	1010-800-61	1010-800-62	1010-800-63	1010-700-65
BLUE	1010-800-71	1010-800-72	1010-800-73	1010-700-75

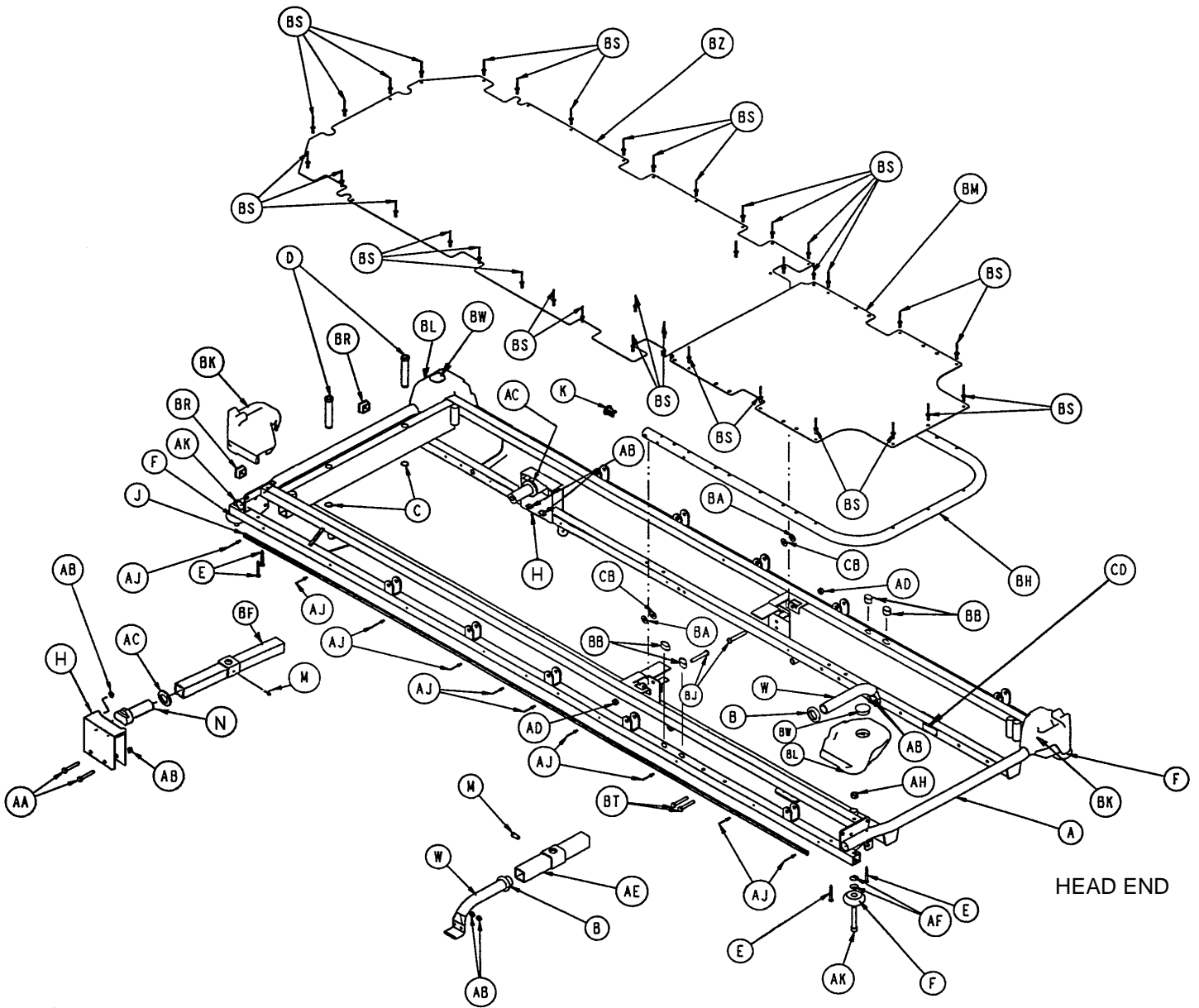
Department	Label Part Number
Emergency	1010-900-1
P.A.C.U.	1010-900-2
Transport	1010-900-3
Surgery	1010-900-4
Extended Stay	1010-900-5
Maternity	1010-900-6

Department	Label Part Number
Endoscopy	1010-900-7
Radiology	1010-900-8
Nuclear Medicine	1010-900-9
Ambulatory Surgery	1010-900-10
G.I. Lab	1010-900-11
Cath. Lab	1010-900-12

**NOTE**

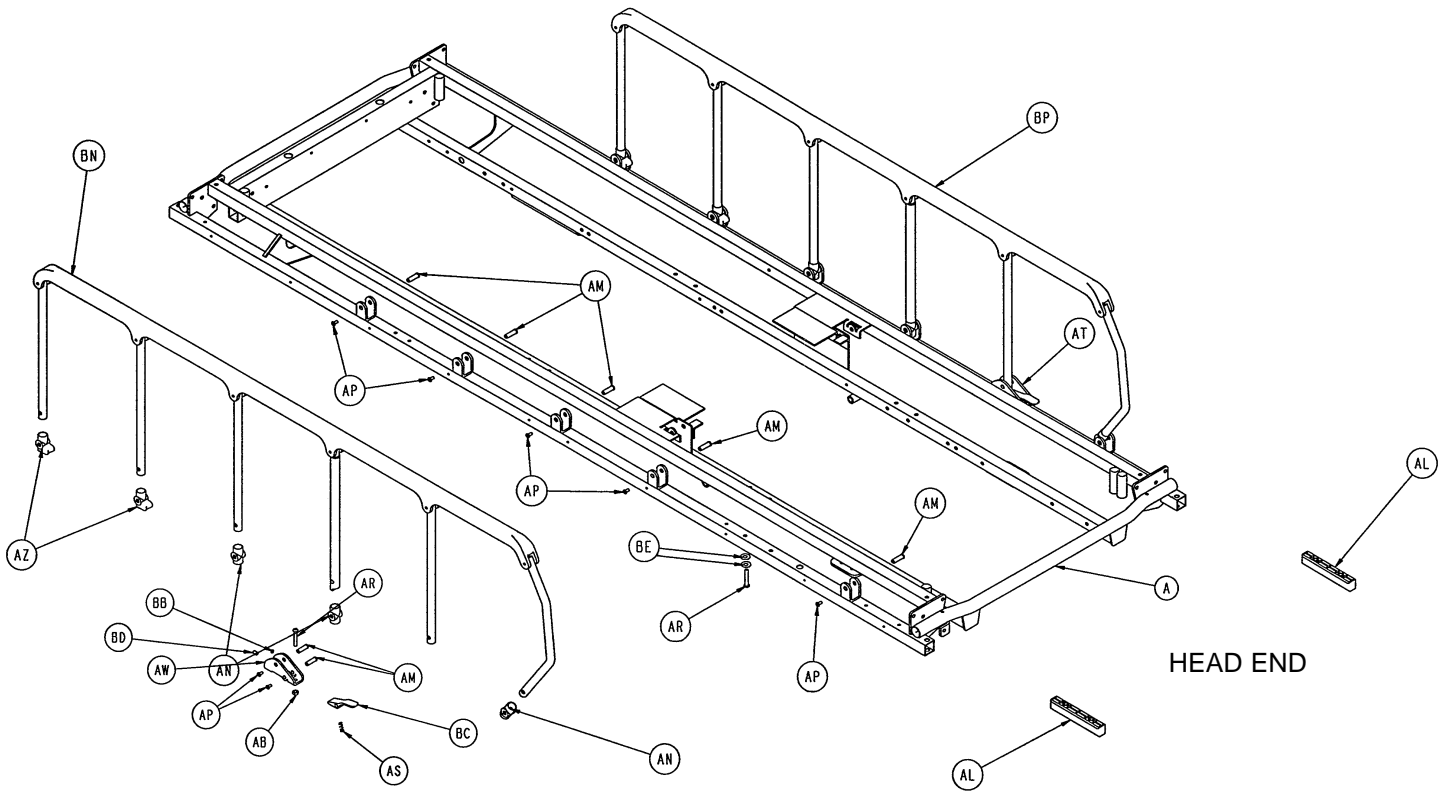
All department labels are quantity of two.

# Litter Assembly



Assembly part number 721-201-10 (reference only)

# Litter Assembly



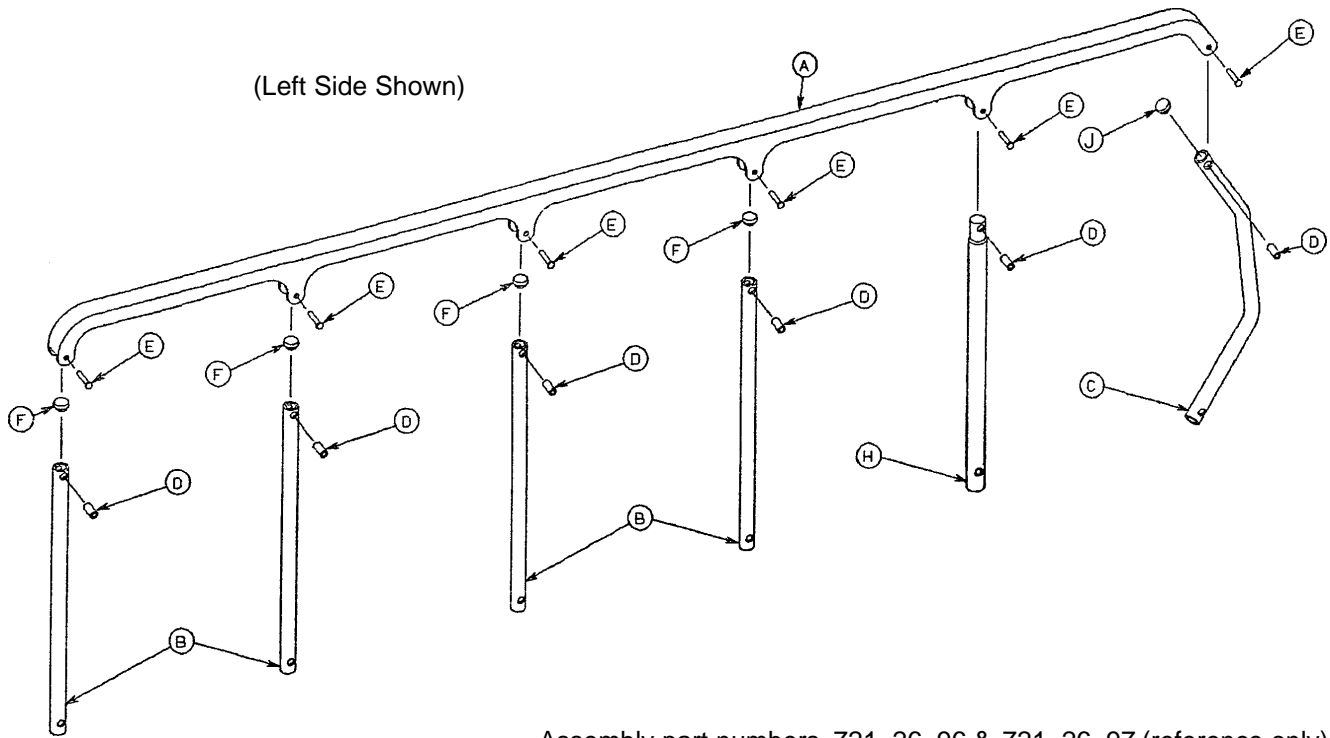
# 721-201-10 Litter Assembly

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Item	Part No.	Part Name	Qty.
A	721-201-20	Frame Assembly	1
B	938-1-401	Collar	2
C	28-23	Retaining Ring	2
D	1001-40-12	Footboard Receptacle	2
E	23-104	Self-Tapping Screw	8
F	926-400-142	Corner Wheel	4
H	1001-201-30	Trend Support	2
J	1010-201-27	Bumper Extrusion	2
K	1001-1-36	End Plug	2
L	1001-1-41	Tube Plug	2
M	46-1	Square Hd. Screw	2
N	1001-201-29	Insert	2
W	1001-1-37	Jack Support Tube, Hd.	2
AA	3-76	Hex Hd. Cap Screw	4
AB	16-28	Nylock Hex Nut	10
AC	11-360	Plastic Spacer	2
AD	16-11	Flexlock Nut	4
AE	721-32-160	Jack Support Tube	1
AF	14-21	Washer	8
AH	16-35	Nylock Nut	4
AJ	25-38	Pop Rivet	20
AK	4-201	Soc. Hd. Cap Screw	4
AL	1010-26-69	Lock Support	2
AM	721-26-66	Pivot Screw	1
AN	721-26-69	Upright Sleeve	6
AP	4-136	But. Hd. Cap Screw	14
AR	4-135	But. Hd. Cap Screw	4
AS	38-220	Compression Spring	2
AT	1010-26-81	Lock Hsg. Ass'y, Lt.	1
AW	1010-26-80	Lock Hsg. Ass'y, Rt.	1
AZ	721-26-68	Upright Cradle	4
BA	11-179	Flat Washer	2
BB	37-74	Hole Plug	6
BC	721-26-74	Lock Handle, Mach.	2
BD	21-104	Set Screw	2
BE	11-2	Flat Washer	4
BF	721-201-41	Support Tube Assembly	1
BH	721-231-13	Fowler Tube	1
BJ	4-183	Fowler Pivot Bolt	24
BK	1010-201-238	Corner Cov., Slot Only	2
BL	1010-201-239	Corner Cov., Hole Only	2
BM	721-231-12	Fowler Skin	1
BN	(page 48)	Siderail Ass'y, Left	1
BP	(page 48)	Siderail Ass'y, Right	1
BR	37-10	Hole Plug	2
BS	25-122	Pop Rivet	37
BT	3-78	Hex Hd. Cap Screw	4
BW	37-59	Hole Plug	2
BZ	721-232-11	Footsection Skin	1
CA	(page 42)	Siderail Bumper	2
CB	14-21	Washer	2
CC	721-31-65	Litter Hole Plug (not shown)	4
CD	1210-800-8	Patent Label	1



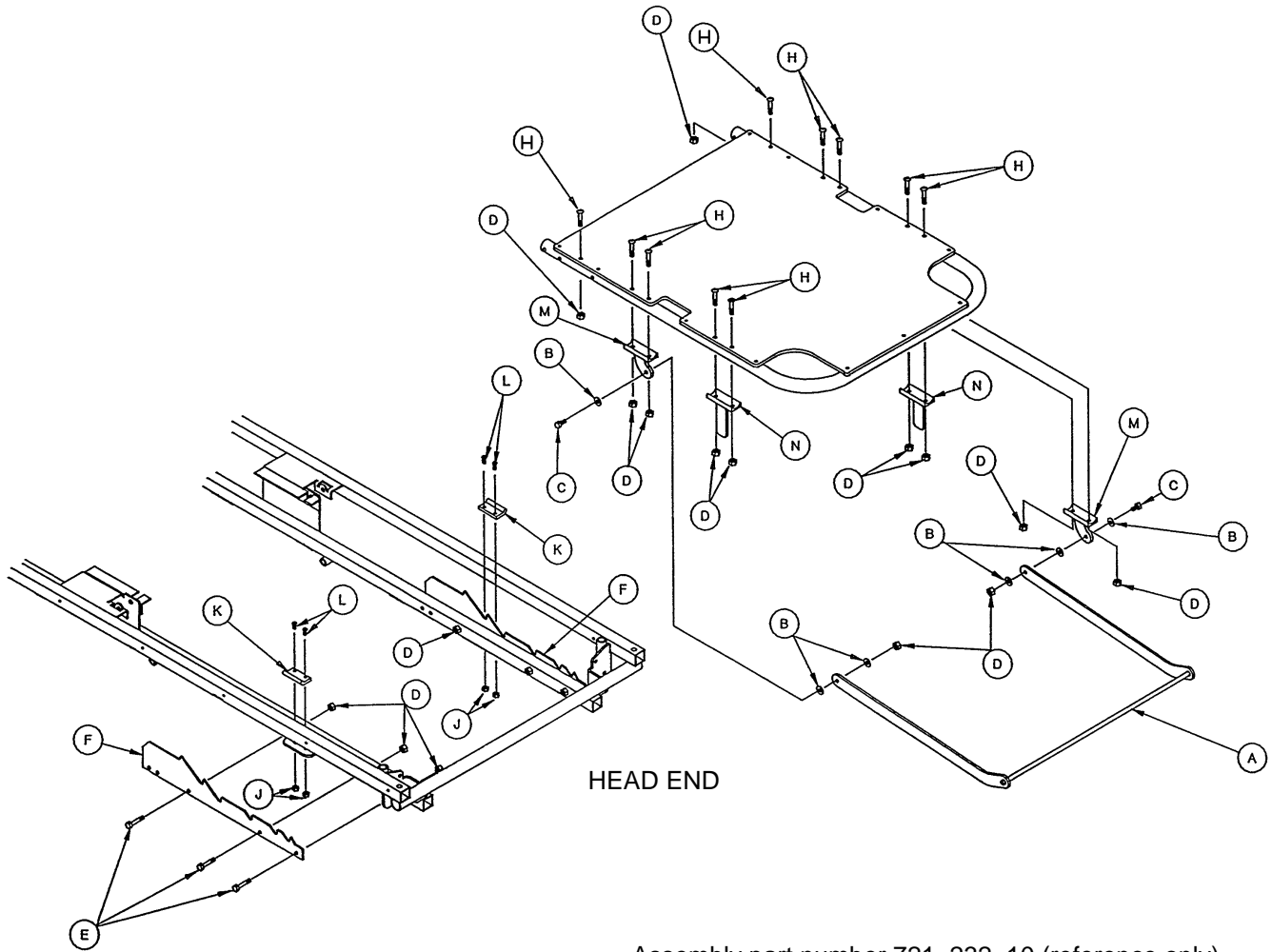
# Siderail Assembly, Right & Left



Assembly part numbers 721-26-96 & 721-26-97 (reference only)

Item	Part No.	Part Name	Qty.
A	1010-26-15	Top Rail	1
B	1010-26-83	Upright	4
C	1010-26-84	Upright, Bent	1
D	1010-26-82	Spacer	6
E	25-106	Semi-Tubular Rivet	6
F	1010-26-10	Round Hole Plug	4
H	1010-26-85	Upright, Latch	1
J	1010-26-12	Bent Spindle Stop	1

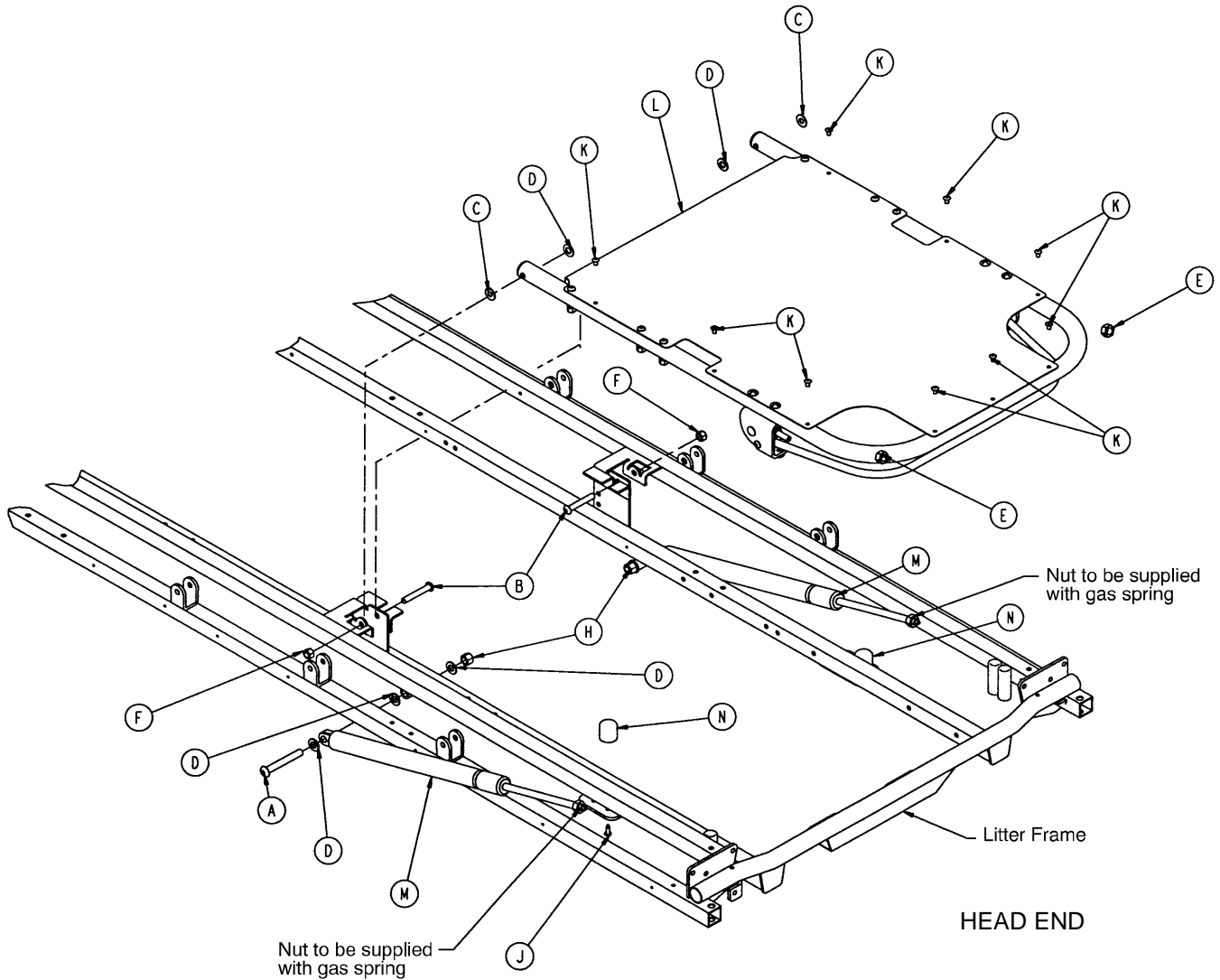
# Manual Fowler Assembly



Assembly part number 721-232-10 (reference only)

Item	Part No.	Part Name	Qty.
A	721-232-19	Brace Assembly	1
B	14-2	Nylon Flat Washer	6
C	3-54	Hex Hd. Cap Screw	2
D	16-28	Nylock Hex Nut	18
E	3-47	Hex Hd. Cap Screw	6
F	1001-32-22	Position Bar Rest	2
H	4-135	But. Hd. Cap Screw	10
J	16-3	Lock Nut	4
K	1001-32-26	Manual Fowler Rest	2
L	4-169	But. Hd. Cap Screw	4
M	1001-32-23	Tab Assembly	2
N	1001-32-28	Riser Assembly	2

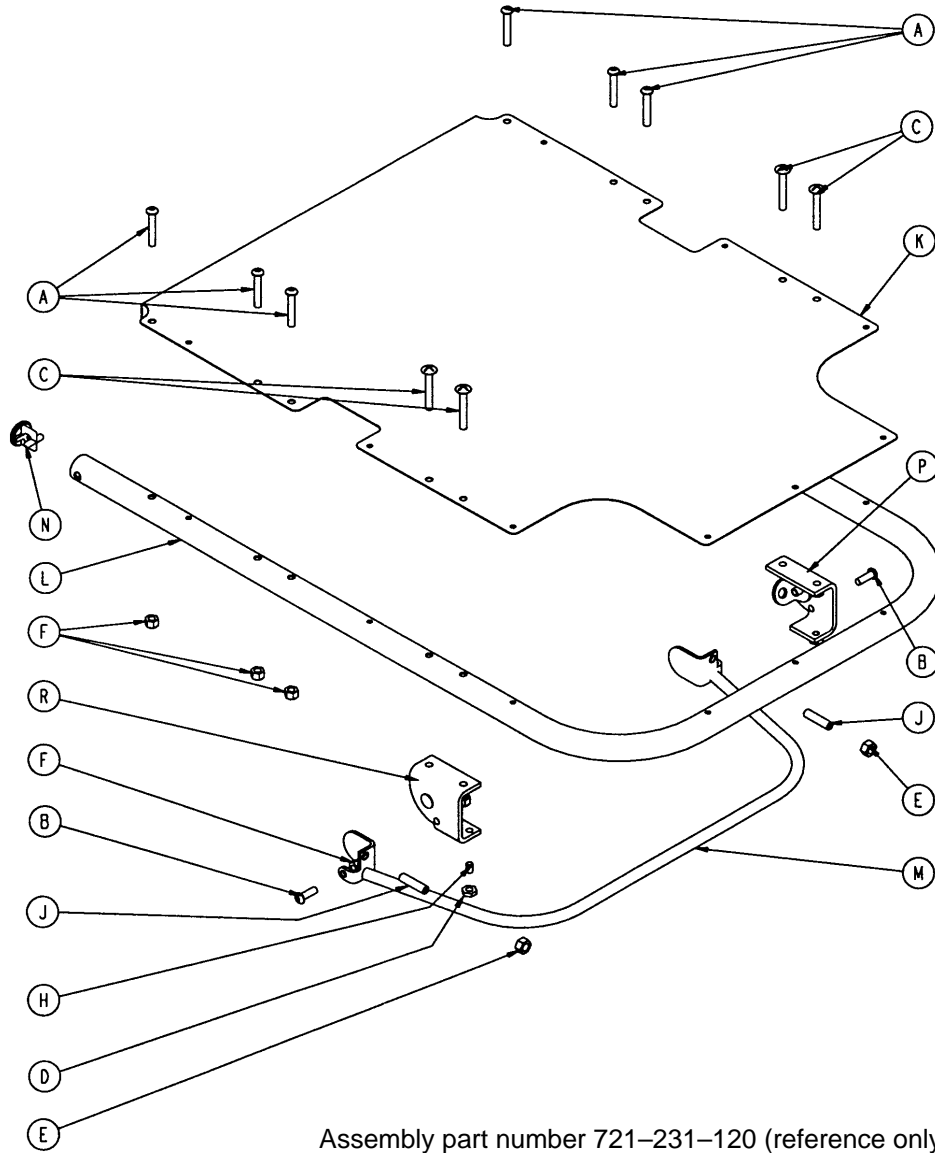
# Optional Pneumatic Fowler Assembly



Assembly part number 721-231-10 (reference only)

Item	Part No.	Part Name	Qty.
A	4-182	Hex Soc. But. Hd. Cap Screw	2
B	4-183	Hex Soc. But. Hd. Cap Screw	2
C	11-179	Washer	2
D	14-21	Washer	8
E	15-59	Hex Jam Nut	2
F	16-11	Hex Nut	2
H	16-35	Hex Nut	2
J	23-100	Self-Tapping Screw	2
K	25-122	Blind Rivet	9
L	(page 51)	Pneumatic Fowler Assembly	1
M	1010-31-78	Gas Cylinder	2
N	1211-31-31	Pneumatic Fowler Rest	2

# Optional Pneumatic Fowler Assembly

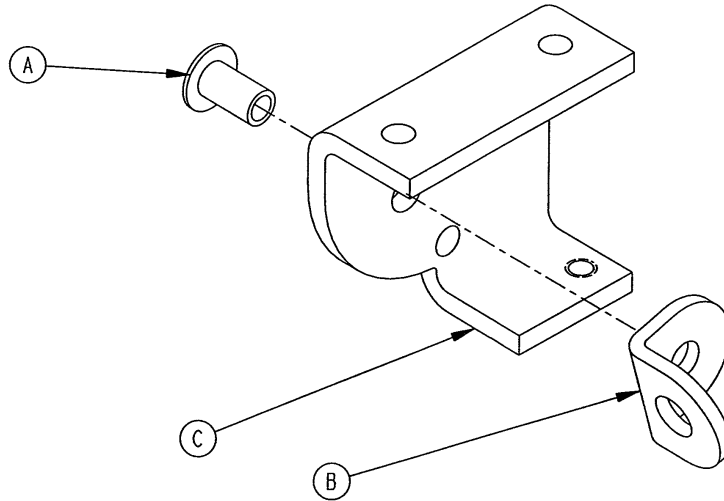


Assembly part number 721-231-120 (reference only)

Item	Part No.	Part Name	Qty.
A	4-135	But Hd. Cap Screw	6
B	4-161	Hex Soc. But. Hd. Cap Screw	2
C	7-34	Truss Hd. Mach. Screw	4
D	15-37	Jam Nut	2
E	15-50	Hex Nut	2
F	16-28	Nylock Nut	12
H	21-125	Set Screw	2
J	21-126	Set Screw	2
K	721-231-12	Fowler Skin	1
L	721-231-13	Fowler Tube	1
M	721-231-118	Trip Bar Assembly	1
N	1001-1-36	Hole Plug	2
P	(page 52)	Outer Housing Ass'y, Right	1
R	(page 52)	Outer Housing Ass'y, Left	1

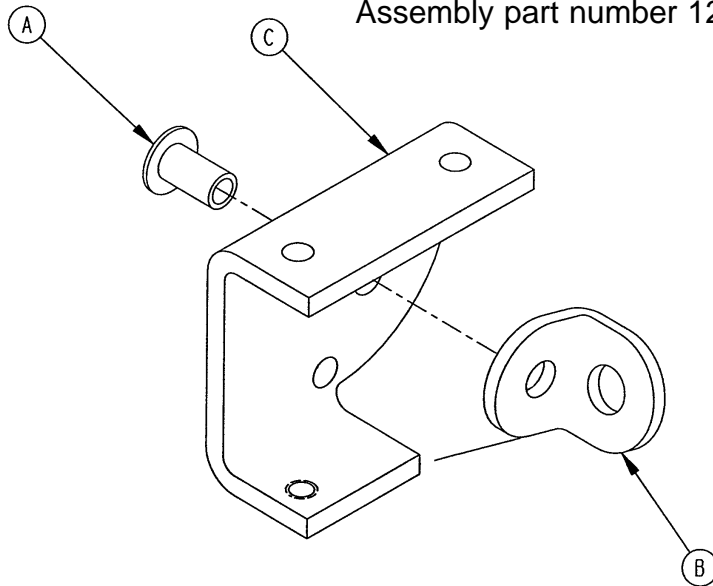
# Optional Pneumatic Fowler Outer Housing

Assembly part number 1210-31-106 (Right)



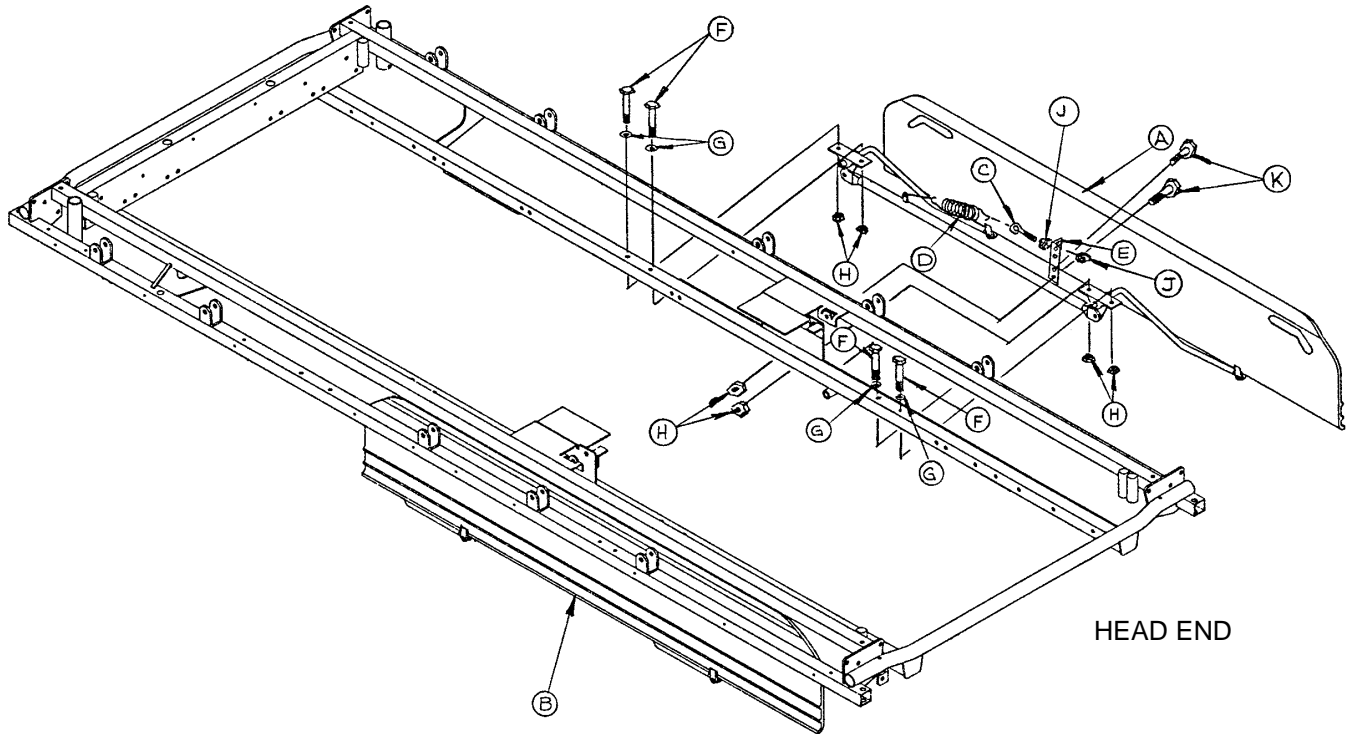
Item	Part No.	Part Name	Qty.
A	25-144	Semi-Tubular Rivet	1
B	1210-31-103	Pivot Tab	1
C	1210-31-104	Outer Housing, Right	1

Assembly part number 1210-31-107 (Left)



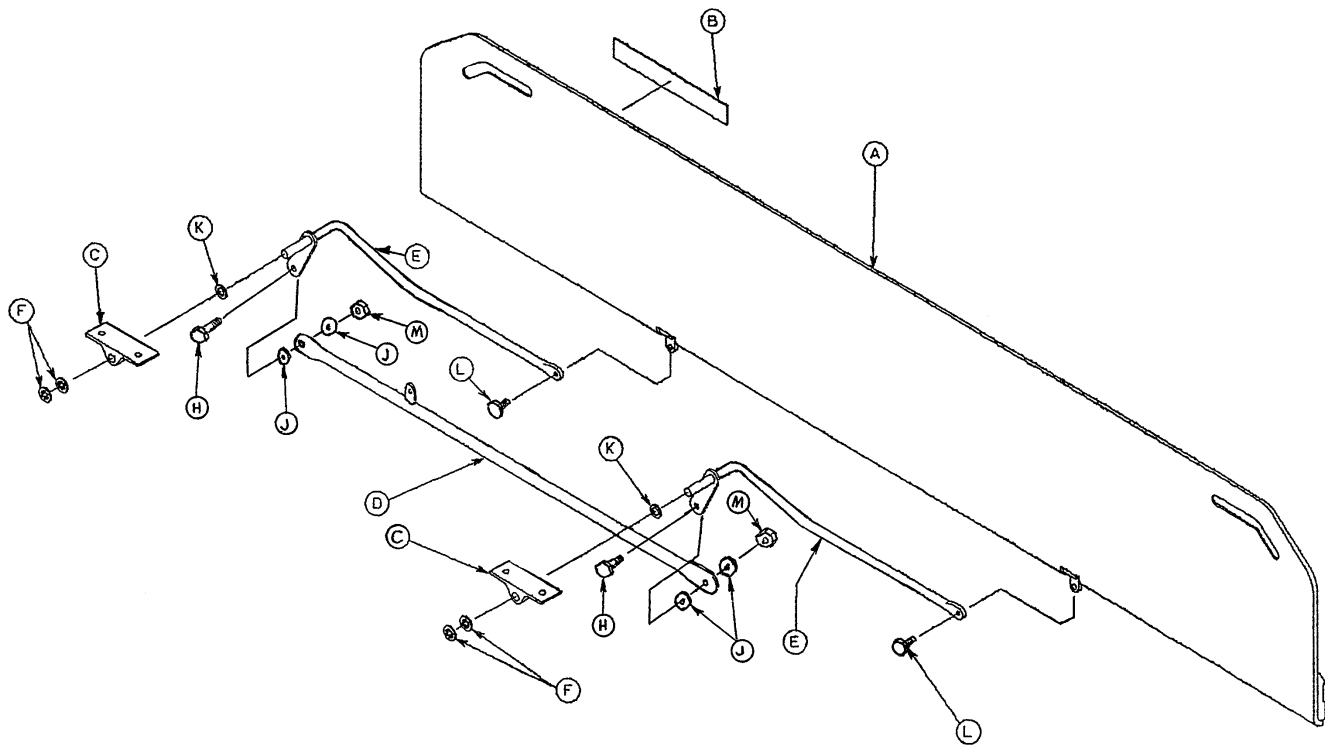
Item	Part No.	Part Name	Qty.
A	25-144	Semi-Tubular Rivet	1
B	1210-31-103	Pivot Tab	1
C	1210-31-105	Outer Housing, Left	1

# 721-239-10 Optional Short Transfer System Assembly



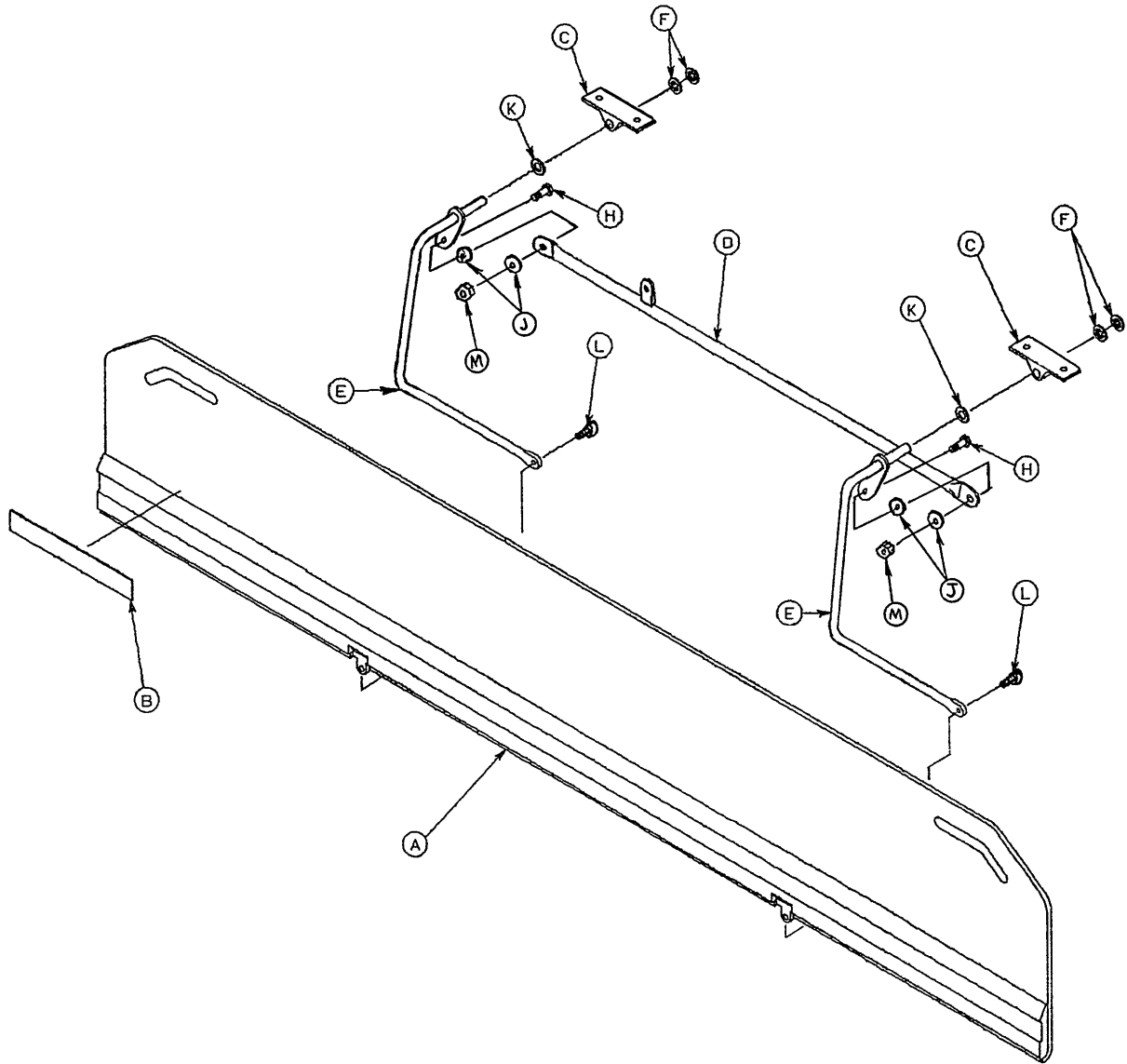
Item	Part No.	Part Name	Qty.
A	(page 54)	Transfer System Ass'y, Rt.	1
B	(page 55)	Transfer System Ass'y, Lt.	1
C	10-11	Eye Bolt	2
D	38-218	Tension Spring	2
E	1010-224-25	Spring Retainer	2
F	3-78	Hex Hd. Cap Screw	8
G	11-180	Flat Washer	8
H	16-28	Nylock Hex Nut	12
J	15-21	Jam Nut	4
K	3-5	Hex Hd. Cap Screw	4

# 1010-232-10 Short Transfer System Assembly, Right



Item	Part No.	Part Name	Qty.
A	1020-32-100	Transfer Board Ass'y	1
B	721-24-46	Label	1
C	1010-32-98	Pivot	2
D	1010-224-33	Connecting Link Ass'y, Rt.	1
E	1010-232-16	Pivot Arm Ass'y, Right	2
F	28-93	Retaining Ring	4
H	3-50	Hex Hd. Cap Screw	2
J	11-224	Nylon Flat Washer	4
K	14-21	Nylon Flat Washer	2
L	4-156	Soc. Hd. Cap Screw	2
M	16-28	Nylock Hex Nut	2

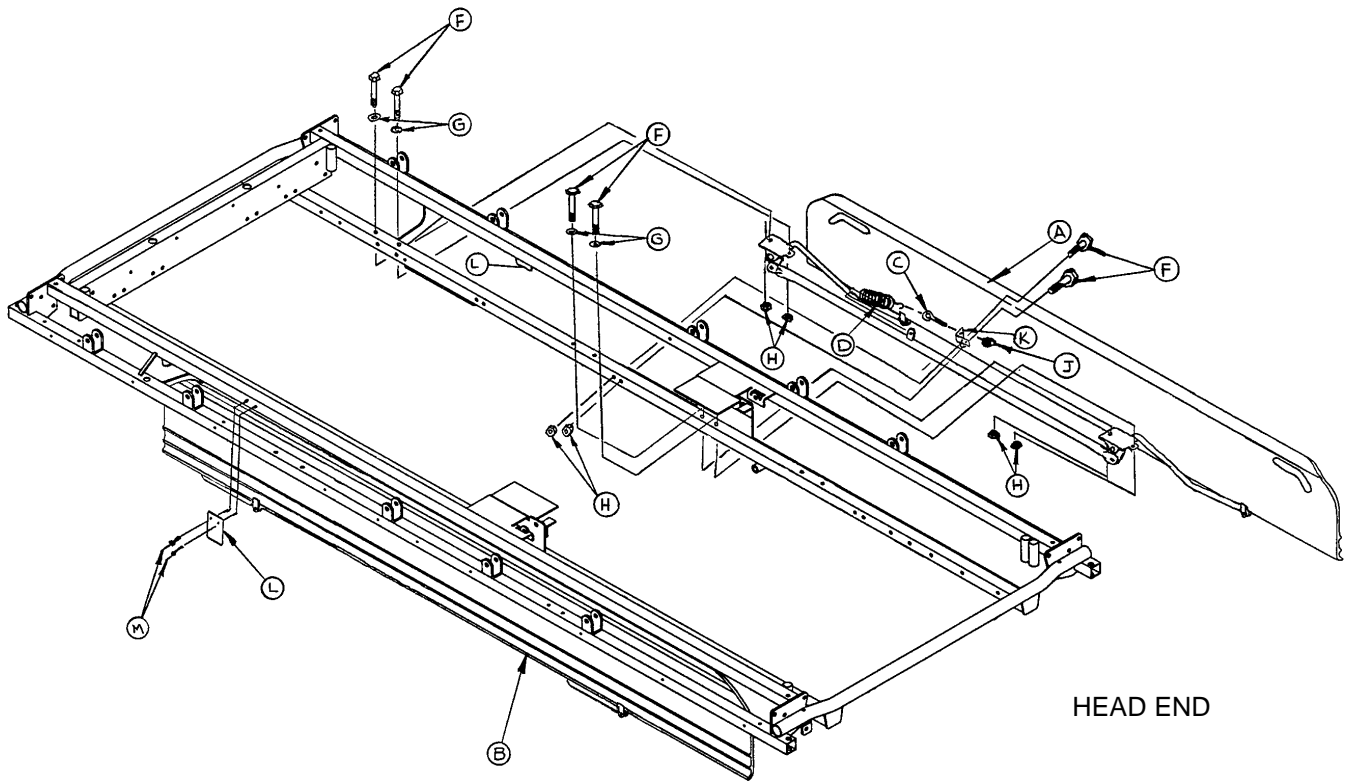
# 1010-232-11 Short Transfer System Assembly, Left



Item	Part No.	Part Name	Qty.
A	1020-32-100	Transfer Board Ass'y	1
B	721-24-46	Label	1
C	1010-32-98	Pivot	2
D	1010-224-33	Connecting Link Ass'y	1
E	1010-232-17	Pivot Arm Ass'y, Lt.	2
F	28-93	Retaining Ring	4
H	3-50	Hex Hd. Cap Screw	2
J	11-224	Nylon Flat Washer	4
K	14-21	Nylon Flat Washer	2
L	4-156	Soc. Hd. Cap Screw	2
M	16-28	Nylock Hex Nut	2

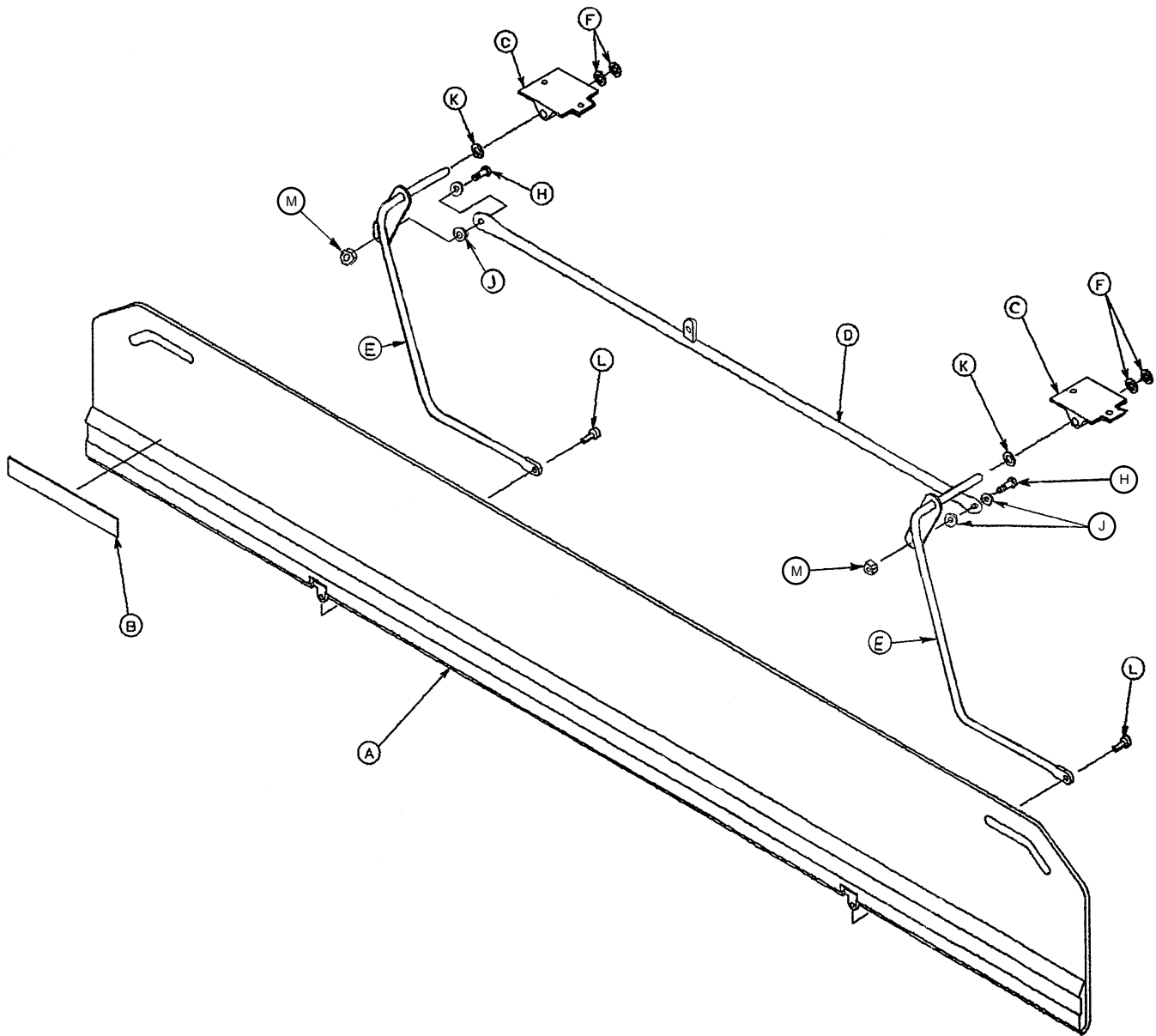


# 721-234-10 Long Transfer System to Frame Assembly



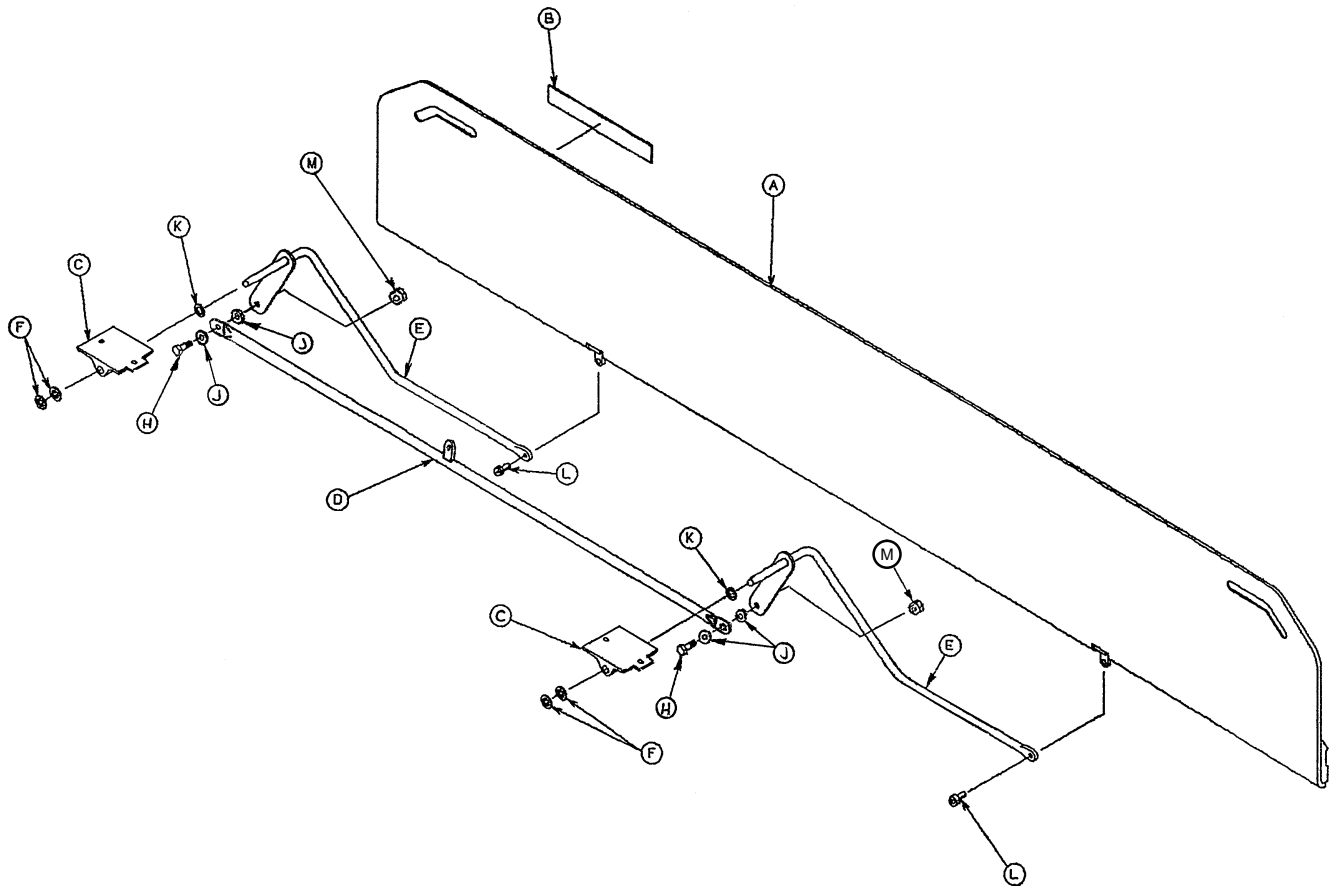
Item	Part No.	Part Name	Qty.
A	(page 58)	Transfer System Ass'y, Rt.	1
B	(page 57)	Transfer System Ass'y, Lt.	1
C	10-11	Eye Bolt	2
D	38-218	Tension Spring	2
E	721-224-25	Spring Retainer, Rt.	1
F	3-78	Hex Hd. Cap Screw	12
G	11-180	Flat Washer	8
H	16-28	Nylock Hex Nut	12
J	15-21	Jam Nut	2
K	721-224-24	Spring Retainer, Lt.	1
L	721-24-61	Pivot Arm Rest	2
M	25-79	Pop Rivet	4
N	721-201-17	Riser Tube (not shown)	2

# 721-234-12 Optional Long Transfer System Ass'y, Lt.



Item	Part No.	Part Name	Qty.
A	721-24-55	Transfer Board Ass'y	1
B	721-24-46	Label	1
C	721-224-16	Long Pivot, Machined	2
D	721-224-33	Connecting Link Ass'y	1
E	721-232-17	Pivot Arm Ass'y, Lt.	2
F	28-93	Retaining Ring	4
H	3-50	Hex Hd. Cap Screw	2
J	11-224	Nylon Flat Washer	4
K	14-21	Nylon Flat Washer	2
L	4-156	Soc. Hd. Cap Screw	2
M	16-28	Nylock Hex Nut	2

# 721-234-13 Optional Long Transfer System Ass'y, Rt.

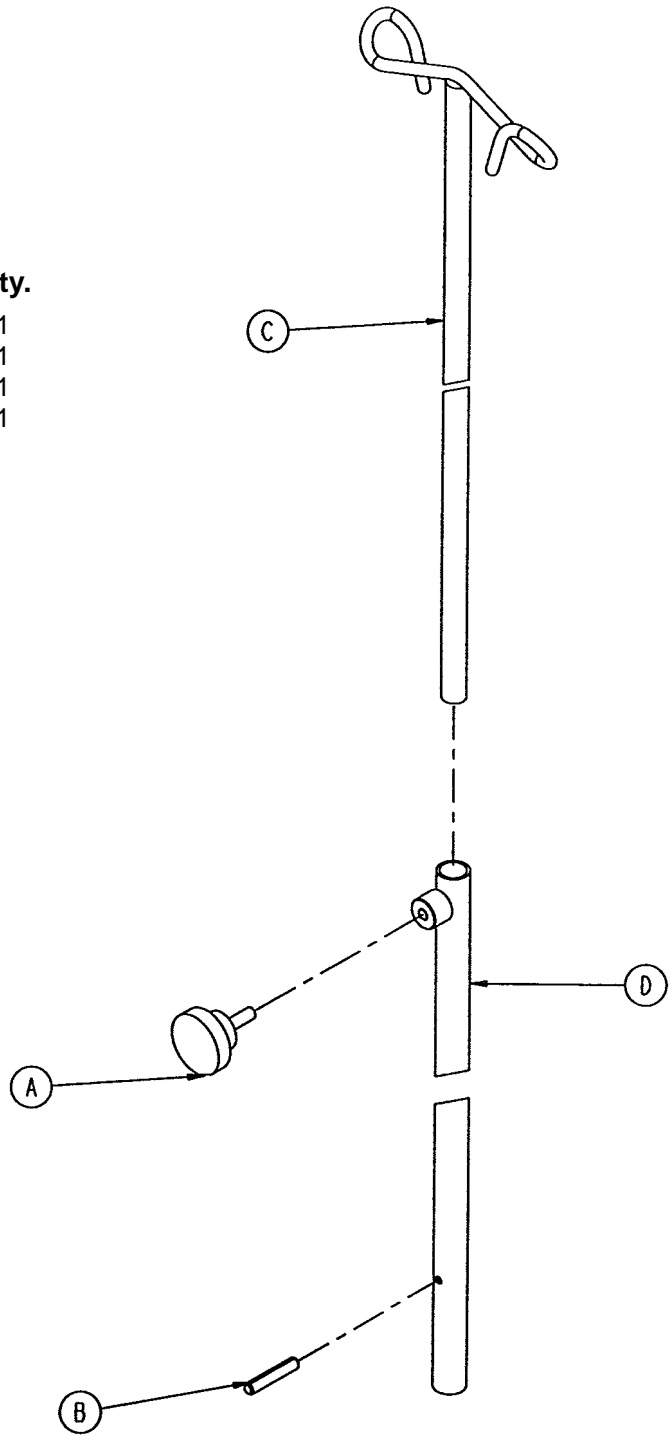


Item	Part No.	Part Name	Qty.
A	721-24-55	Transfer Board Ass'y	1
B	721-24-46	Label	1
C	721-224-16	Long Pivot, Machined	2
D	721-224-33	Connecting Link Ass'y, Rt.	1
E	721-232-16	Pivot Arm Ass'y, Right	2
F	28-93	Retaining Ring	4
H	3-50	Hex Hd. Cap Screw	2
J	11-224	Nylon Flat Washer	4
K	14-21	Nylon Flat Washer	2
L	4-156	Soc. Hd. Cap Screw	2
M	16-28	Nylock Hex Nut	2

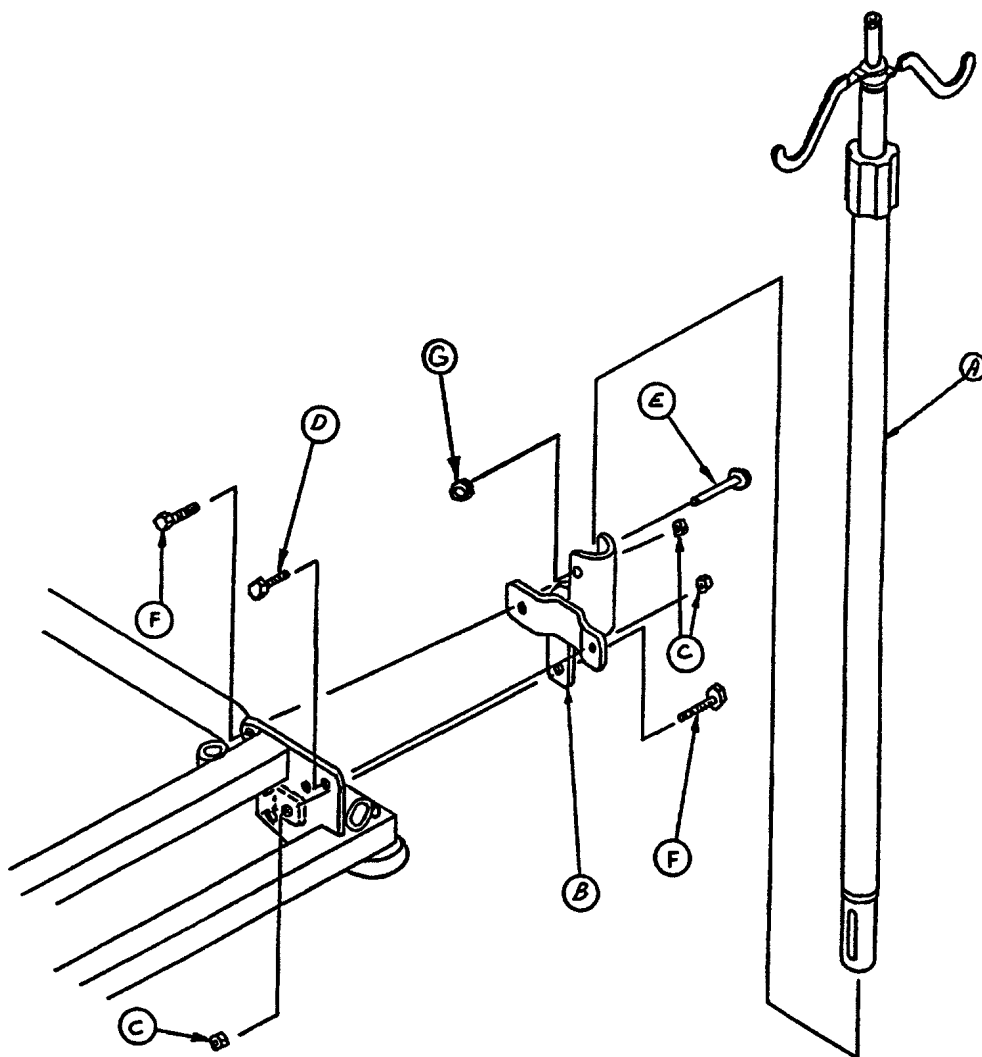
# 390-25 Standard, Removable I.V. Pole Assembly

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Item	Part No.	Part Name	Qty.
A	24-23	Plastic Knob	1
B	26-199	Grooved Pin	1
C	390-3-53	Double I.V. Ass'y	1
D	393-3-43	Tube Assembly	1



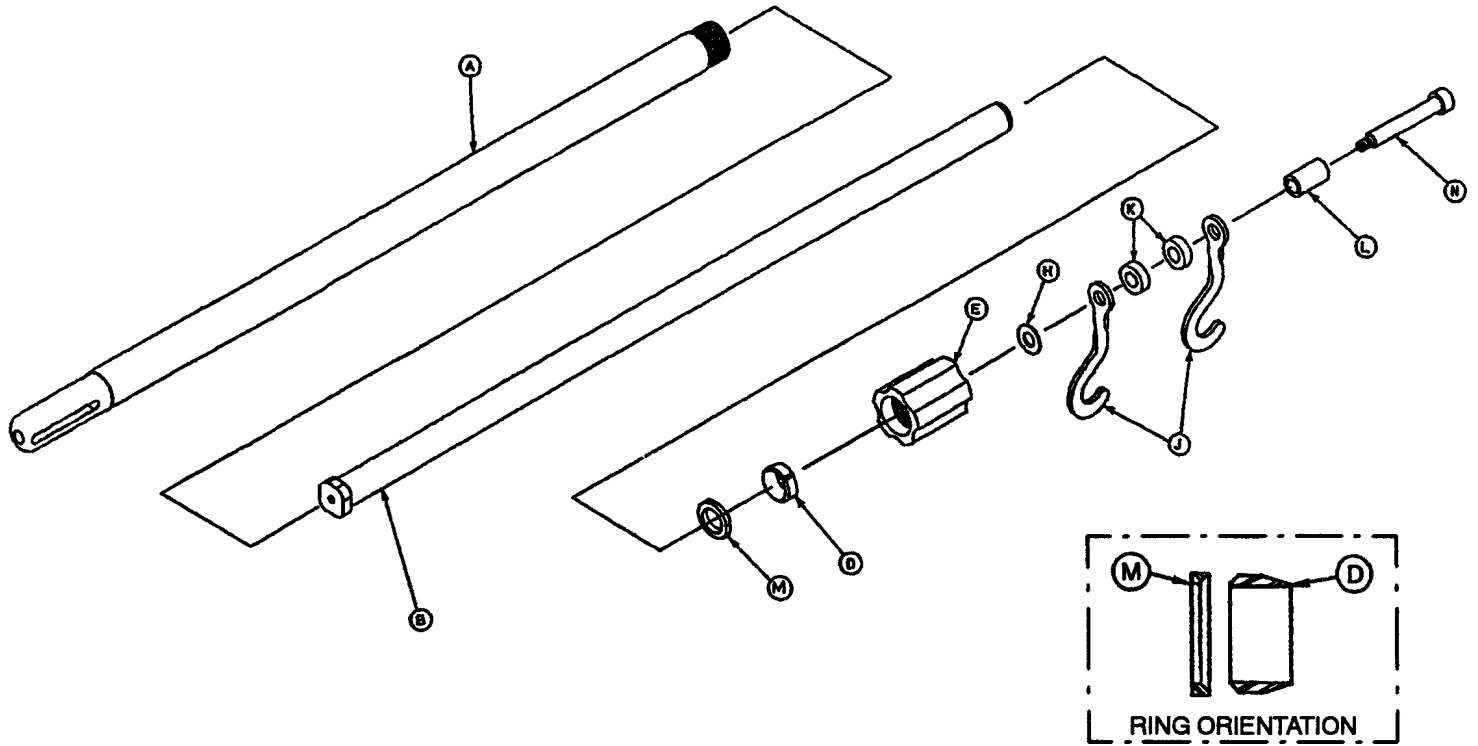
# 721-400-1 Optional 2-Stage I.V. Ass'y, Head & Foot



Assembly part number 721-280 & 721-281 (reference only)

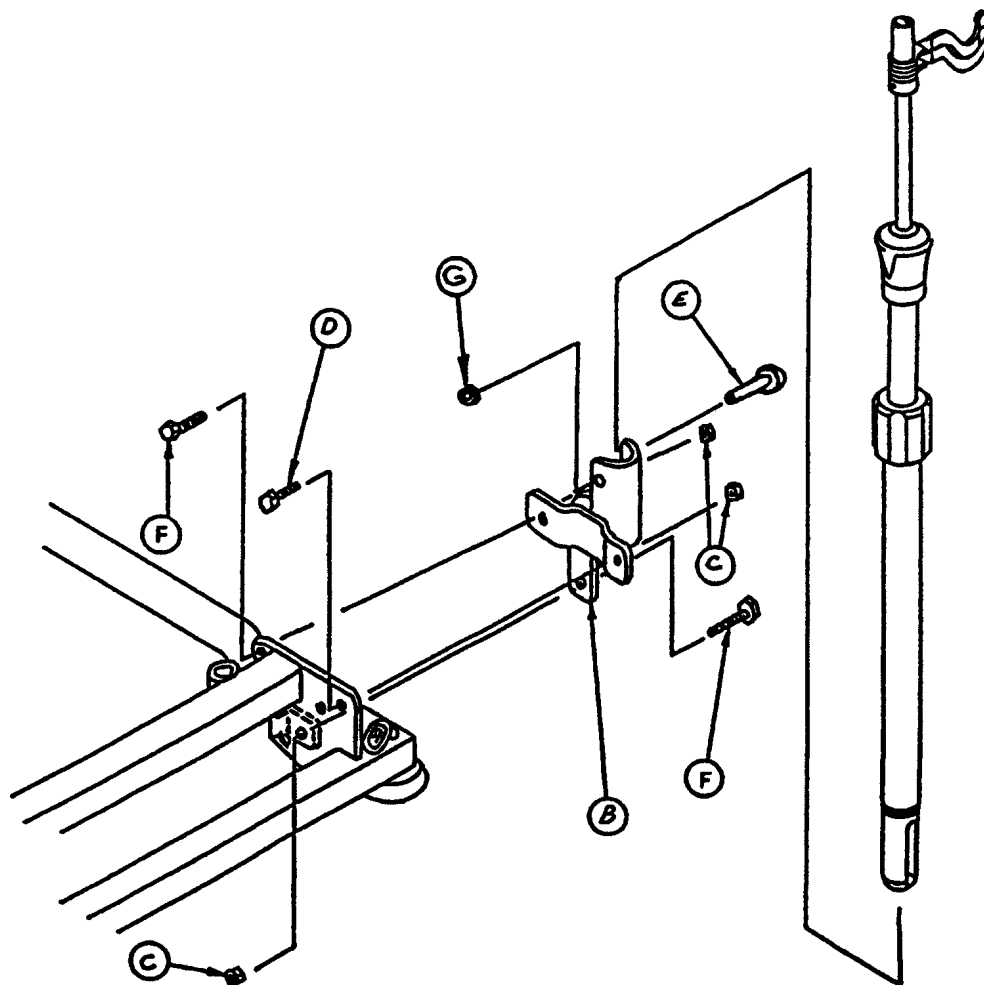
Item	Part No.	Part Name	Qty.
A	(page 61)	I.V. Pole Assembly	1
B	1001-259-5	I.V. Receptacle Ass'y	1
C	16-28	Lock Nut	3
D	3-54	Hex Hd. Cap Screw	1
E	4-91	But. Hd. Cap Screw	1
F	3-50	Hex Hd. Cap Screw	2
G	16-20	Self-Locking Nut	1
J	1001-59-40	I.V. Plug (not shown)	1

# 1211-110-10 Optional 2-Stage I.V. Pole Assembly



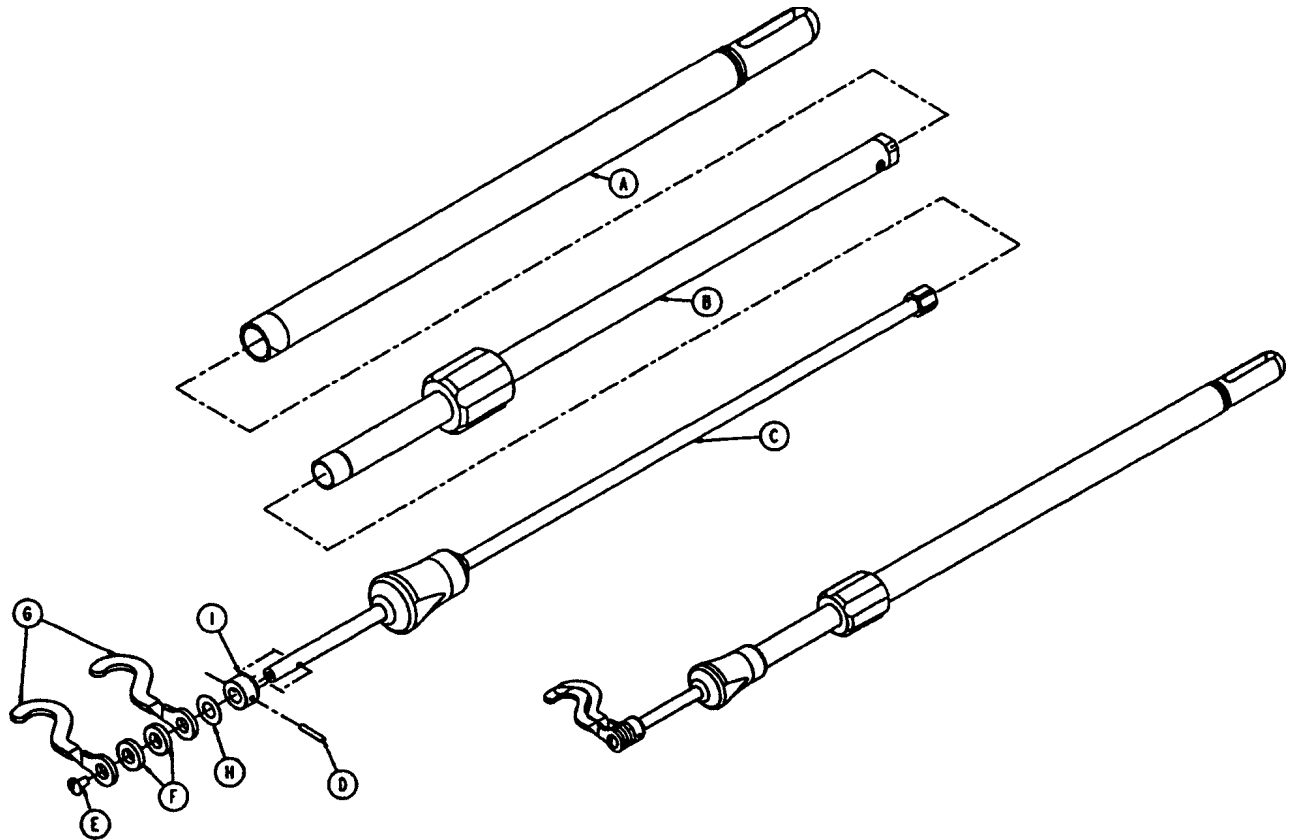
Item	Part No.	Part Name	Qty.
A	1001-59-32	Base Tube Assembly	1
B	1001-59-31	Extension Tube Assembly	1
D	1210-110-47	Lock Ring	1
E	1210-110-49	Lock Actuator	1
H	14-20	Nylon Flat Washer	As Req'd
J	1010-59-16	I.V. Hook	2
K	52-17	Nylon Spacer	2
L	926-400-62	Stop Sleeve	1
M	1211-110-46	Back-Up Ring	1
N	8-31	Shoulder Bolt	1

# 721-61 & 721-62 Optional 3-Stage I.V. Ass'y, Hd. & Ft.



Item	Part No.	Part Name	Qty.
A	(page 63)	I.V. Pole Assembly	1
B	1001-259-5	I.V. Receptacle Ass'y	1
C	16-28	Lock Nut	3
D	3-54	Hex Hd. Cap Screw	1
E	4-91	But. Hd. Cap Screw	1
F	3-50	Hex Hd. Cap Screw	2
G	16-20	Self-Locking Nut	1

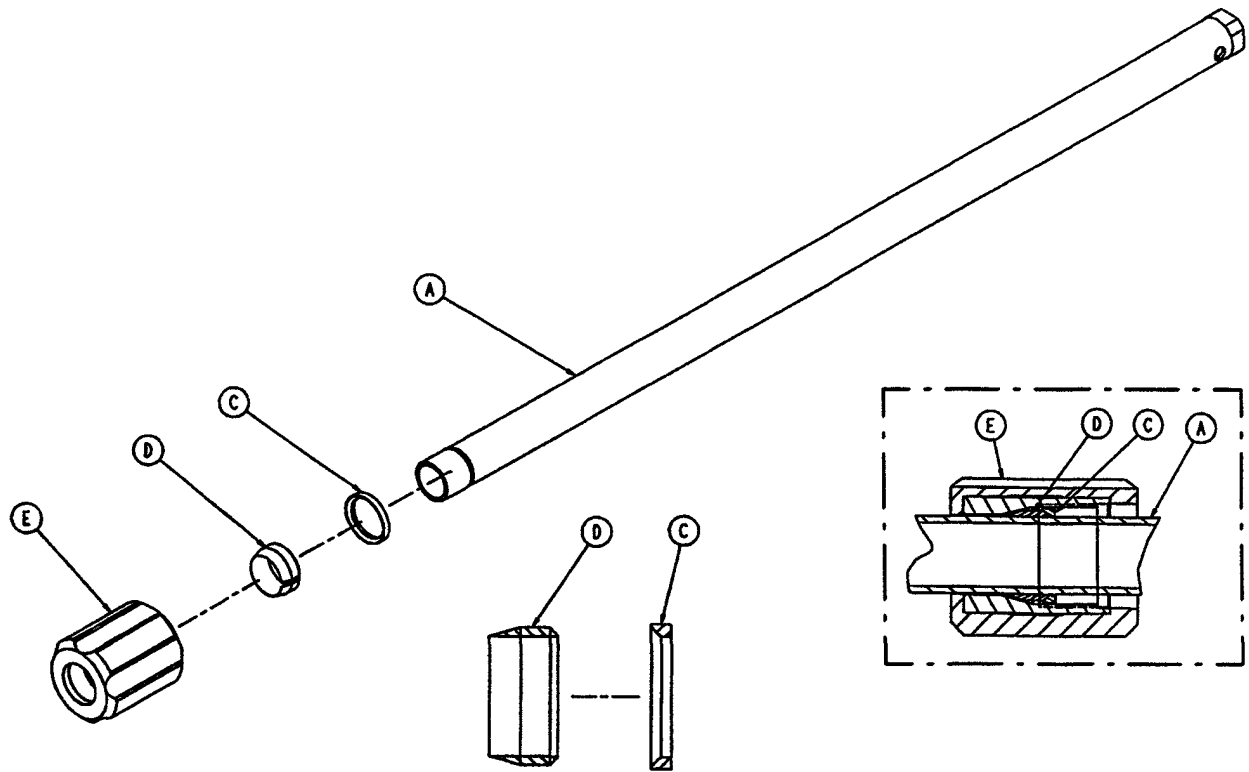
# 721-61-10 Optional 3-Stage I.V. Pole Assembly



Item	Part No.	Part Name	Qty.
A	721-61-24	Base Tube Assembly	1
B	(page 64)	2nd Stage Assembly	1
C	(page 65)	3rd Stage Assembly	1
D	26-6	Roll Pin	1
E	7-4	Truss Hd. Mach. Screw	1
F	52-17	Nylon Spacer	2
G	1010-59-16	I.V. Hook	2
H	14-20	Nylon Flat Washer	1
I	1010-61-14	Collar	1



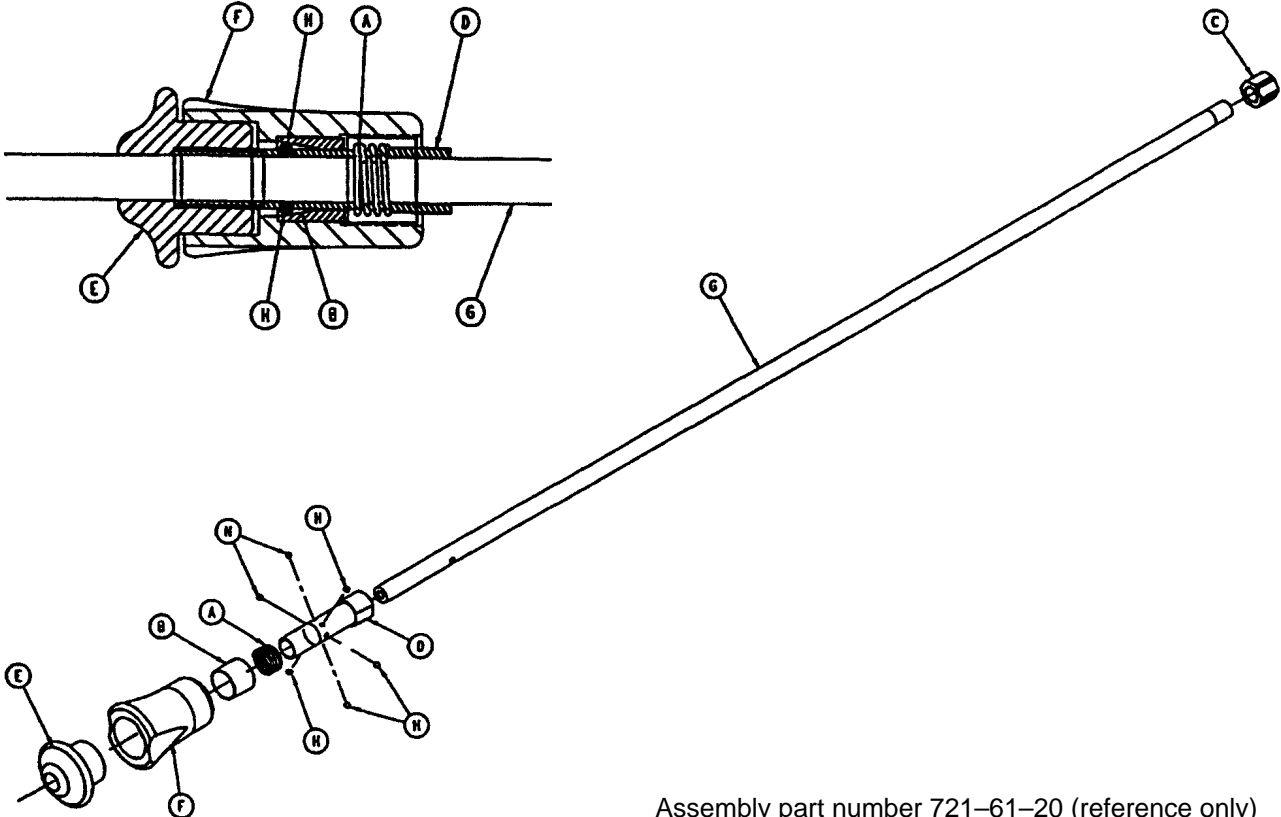
# Optional 2nd Stage Assembly



Assembly part number 721-61-25 (reference only)

Item	Part No.	Part Name	Qty.
A	721-61-30	2nd Tube Assembly	1
C	1210-110-46	Back-Up Ring	1
D	1210-110-47	Lock Ring	1
E	1210-110-49	Lock Actuator	1

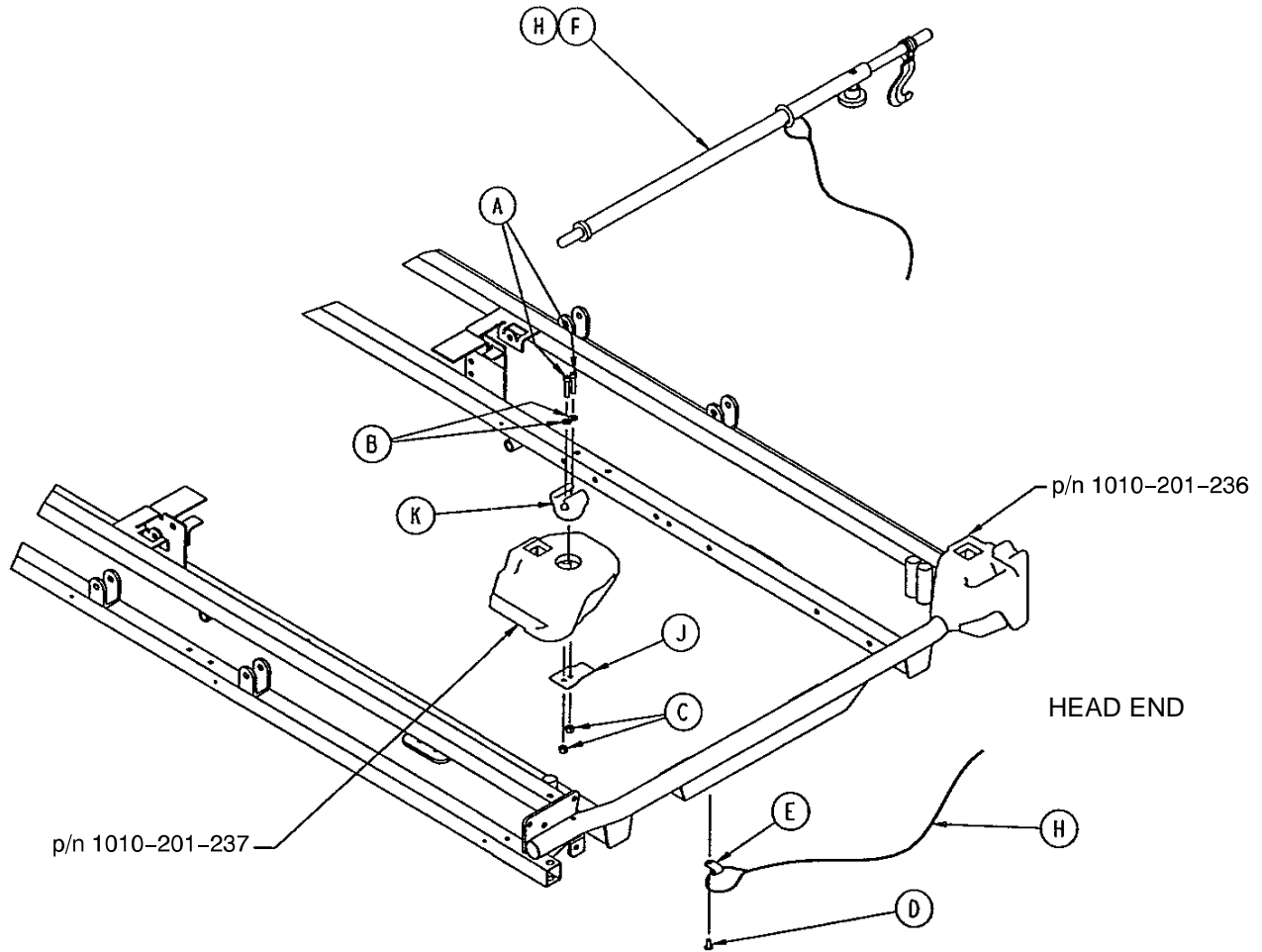
# Optional 3rd Stage Assembly



Assembly part number 721-61-20 (reference only)

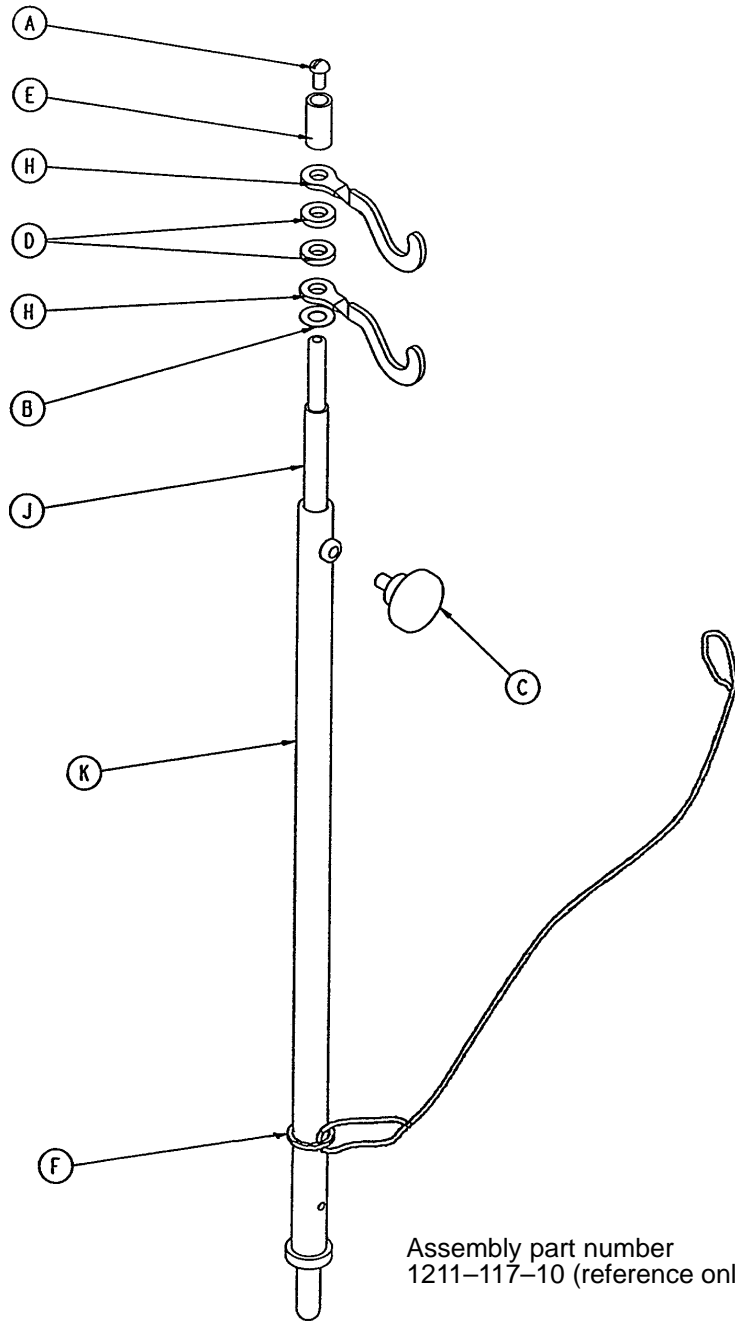
Item	Part No.	Part Name	Qty.
A	38-303	Spring	1
B	1010-61-13	Ball Retainer	1
C	1010-61-15	Stop Nut	1
D	1010-61-16	Retaining Shaft	1
E	1010-61-17	Thumb Knob	1
F	1010-61-18	Hand Guard	1
G	721-31-69	3rd Extension Rod	1
H	31-21	Ball	6

# 721-117 Optional Tethered I.V. Assembly



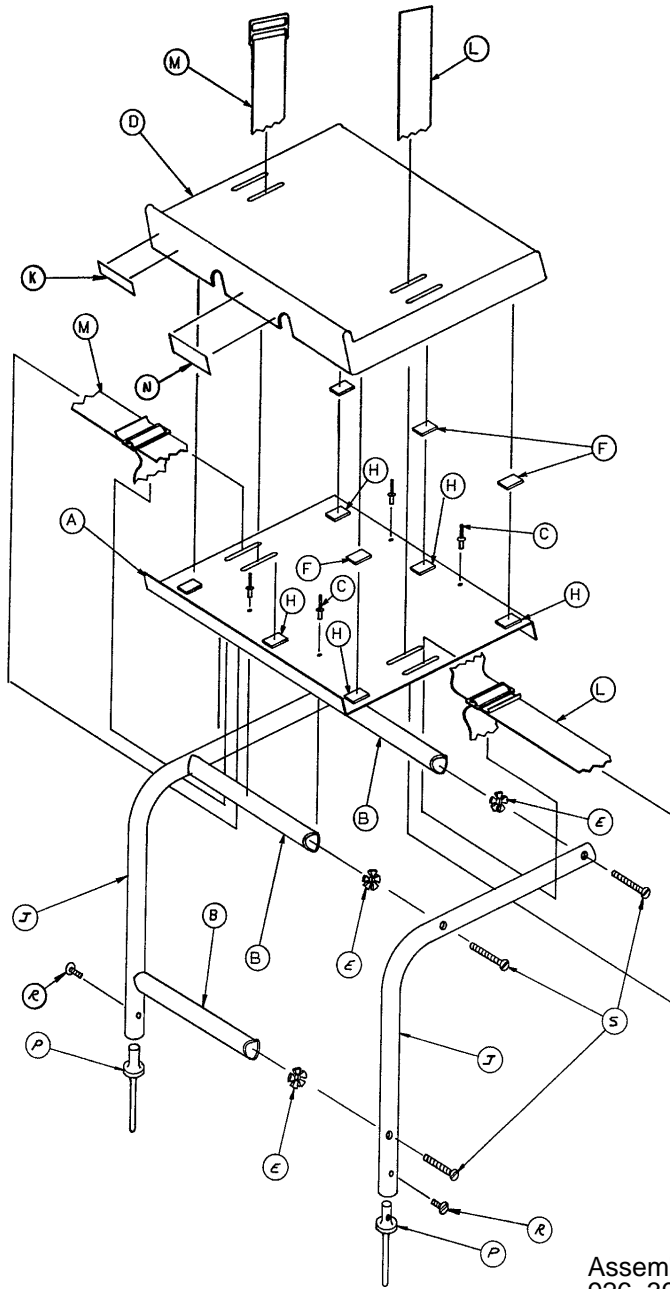
Item	Part No.	Part Name	Qty.
A	4-66	Soc. Hd. Cap Screw	2
B	11-16	Washer	2
C	16-3	Fiberlock Nut	2
D	25-79	Rivet	1
E	34-22	Cable Clamp	1
F	1001-59-40	I.V. Plug	1
H	(page 67)	Tethered I.V. Pole Assembly	1
J	1211-117-21	Backing Plate	1
K	1211-117-22	I.V. Clip	1

# 1211-117 Optional Tethered I.V. Pole Assembly



Item	Part No.	Part Name	Qty.
A	4-232	Button Hd. Cap Screw	1
B	14-20	Nylon Washer	1
C	24-53	Knob	1
D	52-17	Spacer	2
E	926-400-62	Stop Sleeve	1
F	1010-22-27	Cable Assembly	1
H	1010-59-16	I.V. Hook	2
J	1211-117-11	Extension Rod	1
K	1211-117-12	Base Tube Weldment	1

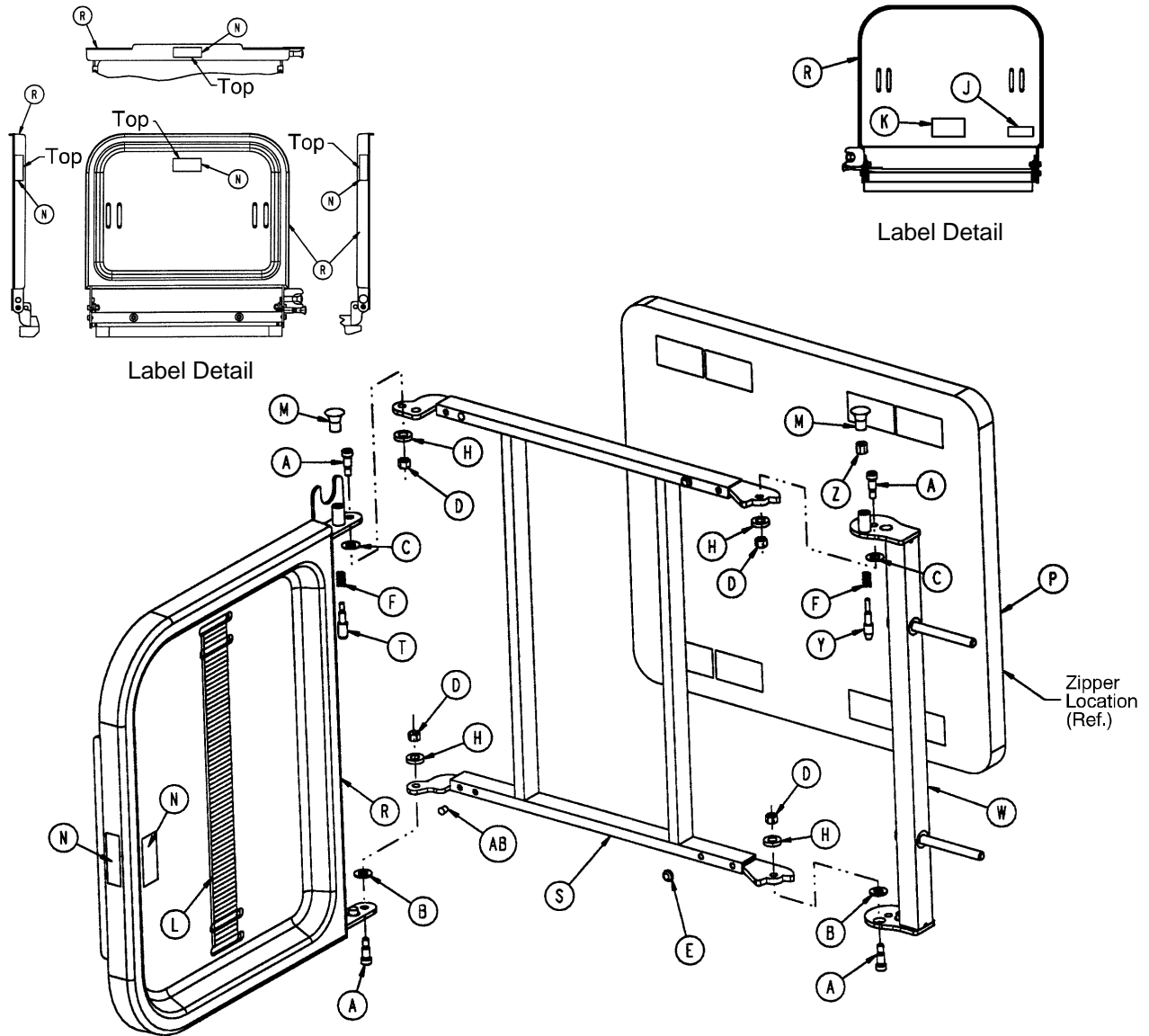
# 926-39 Defibrillator Tray Assembly



Assembly part number  
926-39-10 (reference only)

Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	946-39-4	Tray	1	K	926-1-82	Label	1
B	926-39-16	Crosstube	3	L	390-57-12	Long Strap	1
C	25-55	Rivet	4	M	390-57-13	Short Strap	1
D	926-39-9	Cover	1	N	946-1-283	Label	1
E	18-6	Umbrella Nut	6	P	926-39-15	Holder	2
F	7900-1-143	Dual Lock	6	R	2-44	Screw	2
H	7900-1-145	Dual Lock	6	S	2-25	Rd. Hd. Mach. Screw	6
J	946-39-3	Support Tube	2				

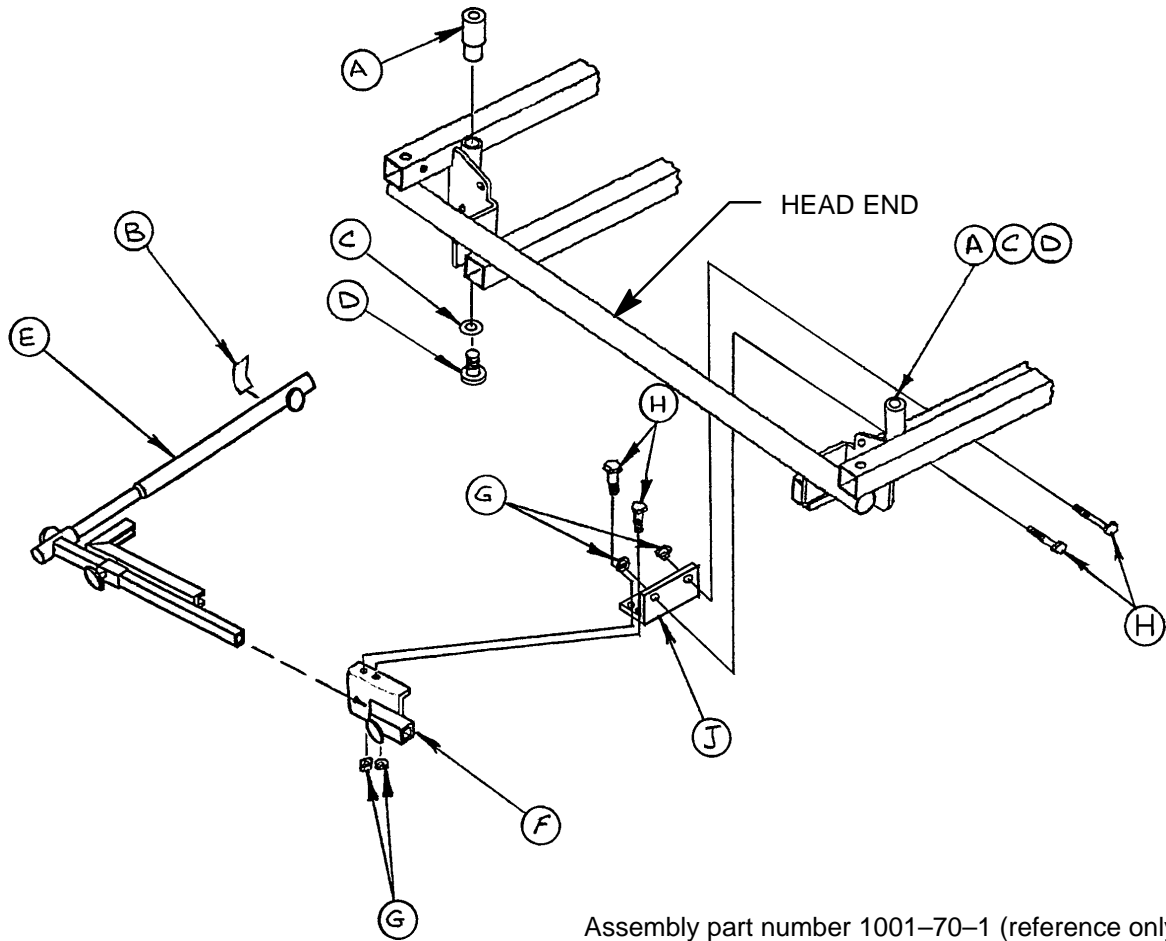
# 1010-50-100 Optional Foot Ext./Defib. Tray Assembly



Assembly part number 1010-50-210 (reference only)

Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	8-49	Socket Hd. Shoulder Bolt	4	M	1010-50-50	Knob	2
B	14-20	Nylon Washer	2	N	1010-50-57	"Max. Weight" Label	4
C	14-21	Nylon Washer	2	P	1010-50-205	Cushion Assembly	1
D	16-28	Fiberlock Nut	4	R	1010-50-218	Foot & Tray Board	1
E	37-52	Rubber Bumper	2	S	1010-50-225	Pivot Frame Weldment	1
F	38-133	Spring	2	T	1010-50-242	Pin Lock	1
H	52-17	Spacer	4	W	1010-50-246	Base Mounting Ass'y	1
J	1010-50-17	Specification Label	1	Y	1010-50-248	Lower Pin Lock	1
K	1010-50-19	"Push/Pull" Label	1	Z	1010-50-250	Pin Adjuster	1
L	1010-50-21	Long Strap	1	AB	721-31-65	Hole Plug	2

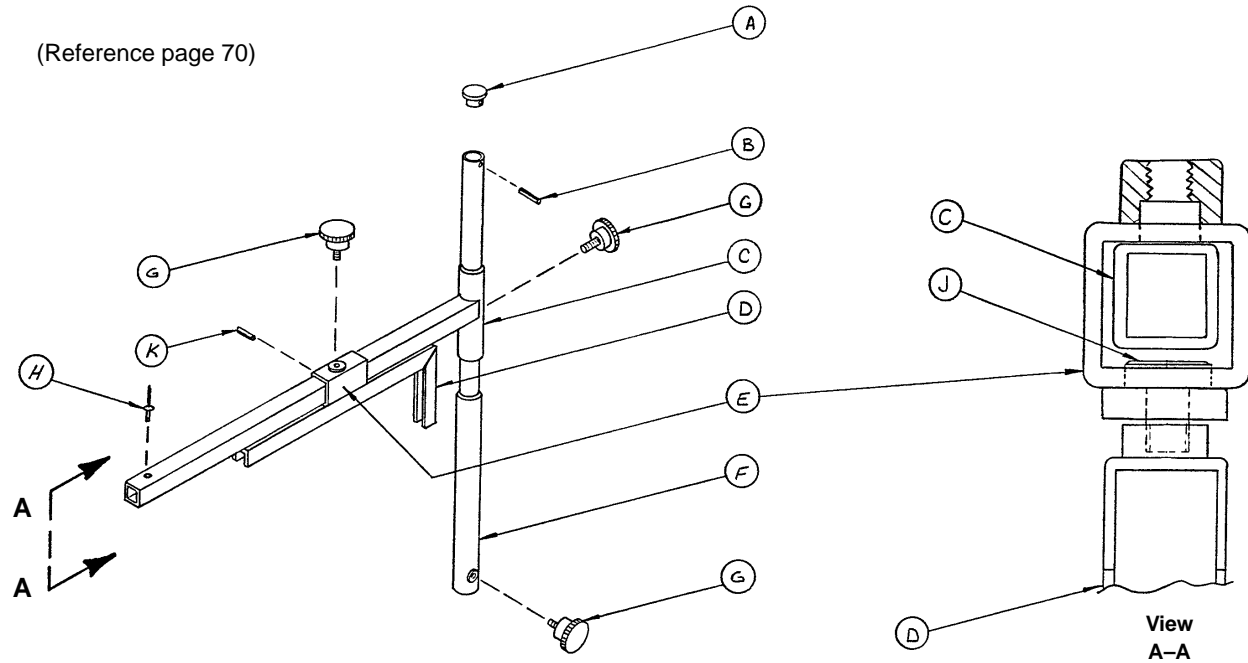
# 1001-70 C-Spine Cassette Holder Assembly



Assembly part number 1001-70-1 (reference only)

Item	Part No.	Part Name	Qty.
A	1010-70-25	I.V. Adaptor	2
B	1010-70-18	Specification Label	1
C	11-3	Flat Washer	2
D	4-91	Soc. Hd. Cap Screw	2
E	(page 71)	Support Pole Assembly	1
F	(page 72)	Storage Bracket Ass'y	1
G	16-5	Conelock Nut	4
H	3-50	Hex Hd. Cap Screw	4
J	1001-70-11	Attachment Bracket	1

# Optional C-Spine Support Pole Assembly

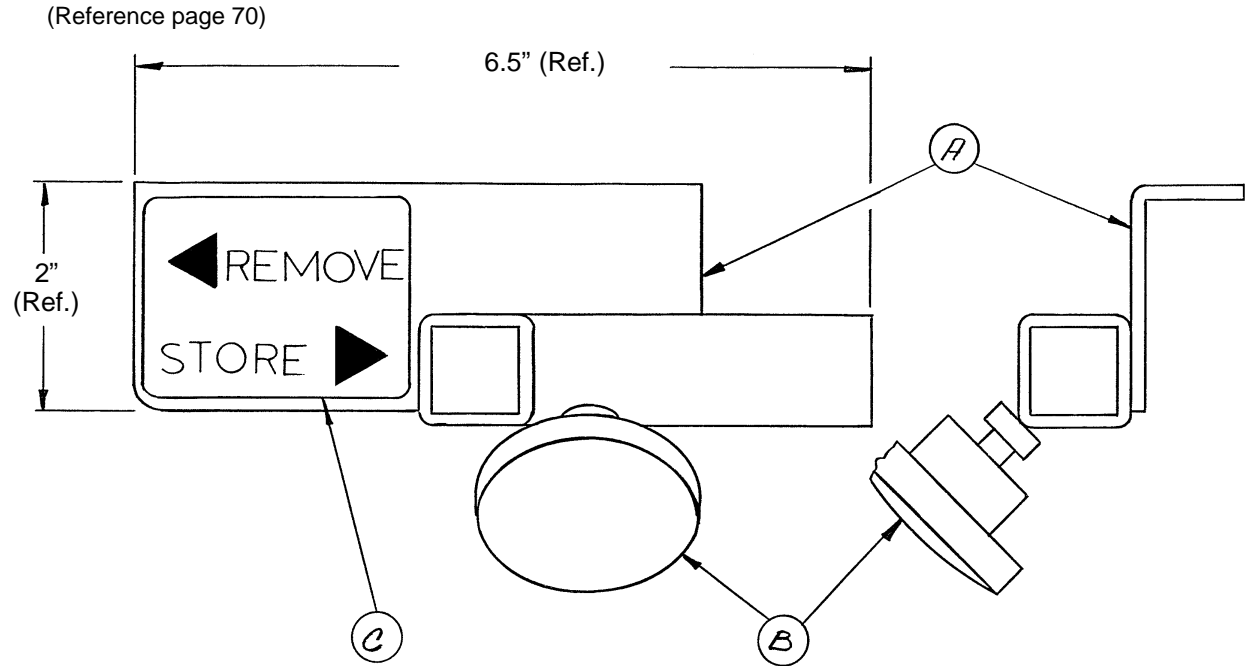


Assembly part number 1010-70-10 (reference only)

Item	Part No.	Part Name	Qty.
A	1010-70-33	Support Tube Cap	1
B	26-6	Roll Pin	1
C	1010-70-34	Support Arm Weldment	1
D	1010-70-42	Cassette Holder Weldment	1
E	1010-70-50	Adjustment Tube Weldment	1
F	1010-70-30	Base Tube Weldment	1
G	1010-70-45	Knob	3
H	25-55	Pop Rivet	1
J	1010-70-44	Pivot Pin	1
K	26-5	Roll Pin	1



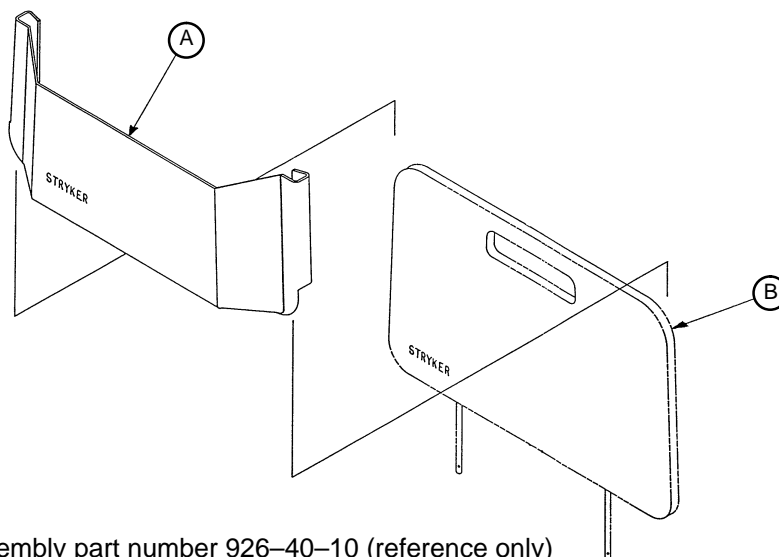
# Optional C–Spine Storage Bracket Assembly



Assembly part number 1010–70–19 (reference only)

Item	Part No.	Part Name	Qty.
A	1010–70–20	Storage Bracket Weldment	1
B	1010–70–45	Knob	1
C	1010–70–23	Storage Label	1

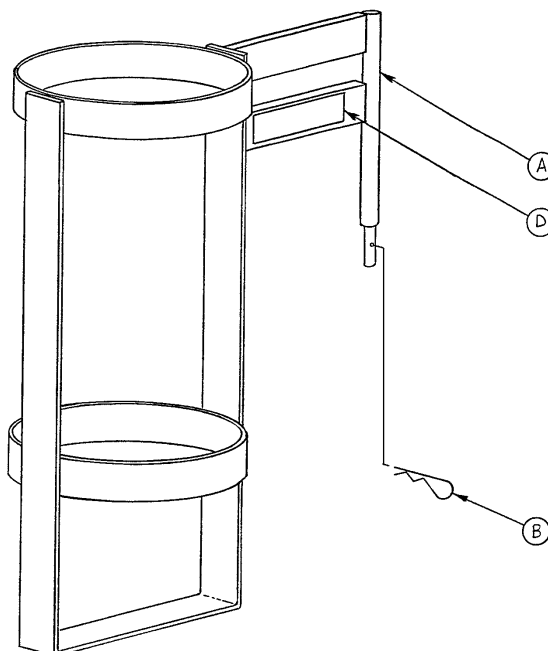
## 926-40-100 Optional Foot Board/Chartholder Ass'y



Assembly part number 926-40-10 (reference only)

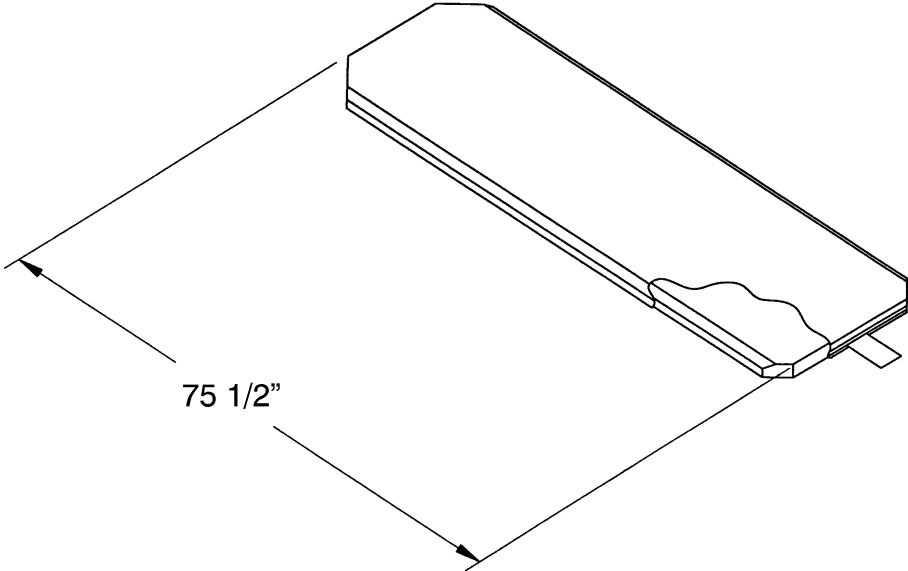
Item	Part No.	Part Name	Qty.
A	946-28-100	Chart Holder	1
B	946-29-1	Foot Board	1

## 1020-30 Optional Upright Oxygen Bottle Holder Ass'y

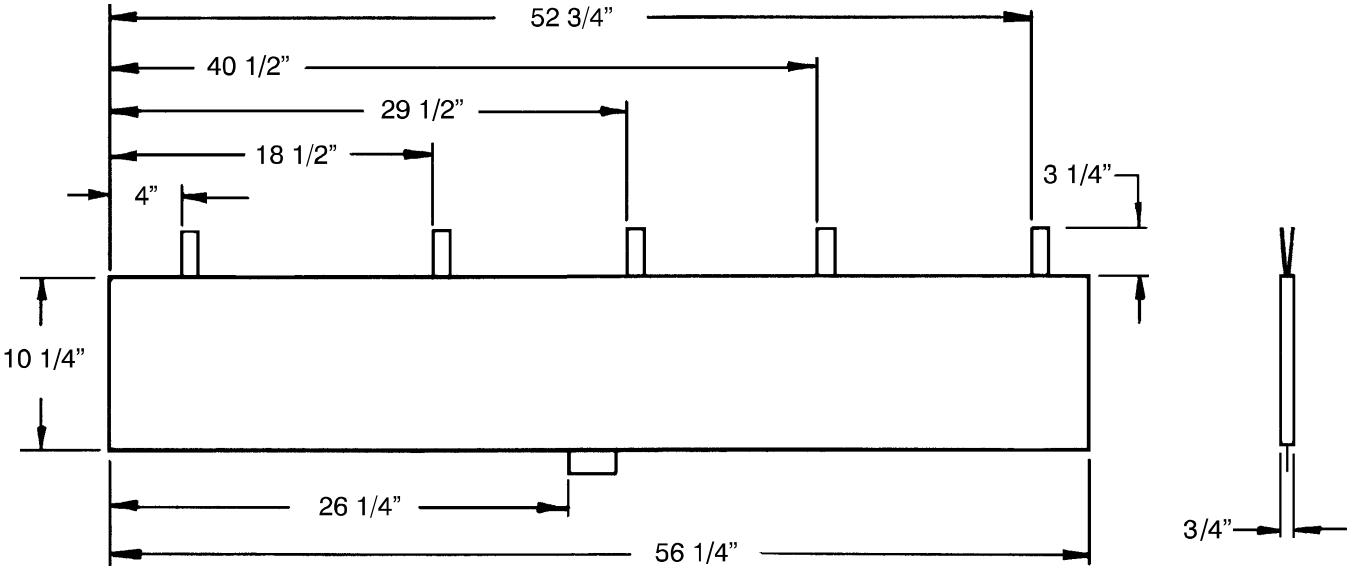


Item	Part No.	Part Name	Qty.
A	1020-30-11	Upright Bottle Holder	1
B	27-12	Cotter Pin	1
D	1020-30-17	Specification Label	1

# Mattresses and Siderail Pads



- Mattress, 3" Thick x 24" Wide with Enhanced Comfort Cover ..... part # 721-248-6
- Mattress, 4" Thick x 24" Wide with Enhanced Comfort Cover ..... part # 721-247-6
- Mattress, 3" Thick x 26" Wide with Enhanced Comfort Cover ..... part # 1001-48-6
- Mattress, 4" Thick x 26" Wide with Enhanced Comfort Cover ..... part # 1001-47-6
- Mattress, 3" Thick x 24" Wide with Low Friction Cover ..... part # 1059-324-40
- Mattress, 4" Thick x 24" Wide with Low Friction Cover ..... part # 1059-424-40
- Mattress, 3" Thick x 26" Wide with Low Friction Cover ..... part # 1059-326-40
- Mattress, 4" Thick x 26" Wide with Low Friction Cover ..... part # 1059-426-40



- Siderail Pad Set ..... part # 1010-52

# Warranty

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## **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
- Biannual 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**

# Warranty

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## **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.



6300 Sprinkle Road, Kalamazoo, MI 49001-9799

(800) 327-0770