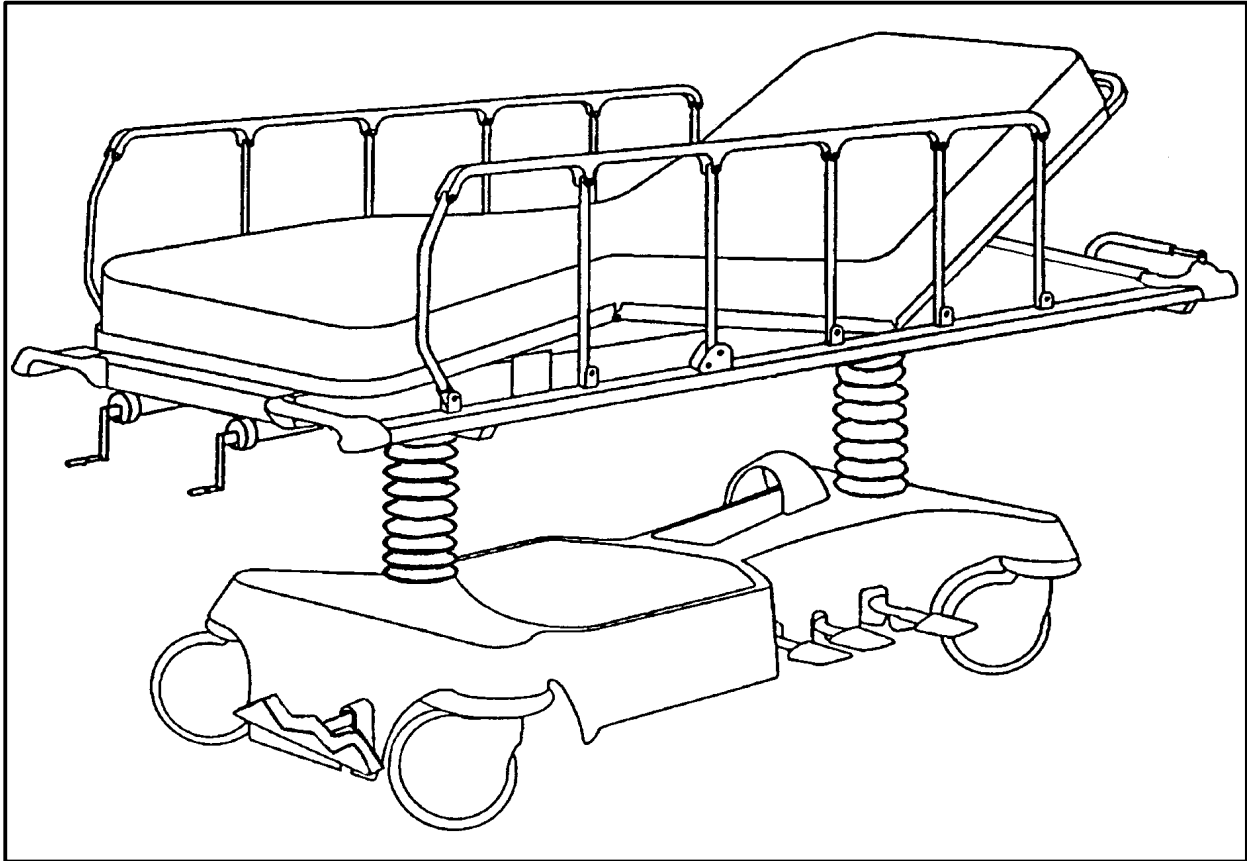

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stryker[®]
Medical



Synergy Series

1550 Extended Stay Stretcher

MAINTENANCE MANUAL

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

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Introduction

INTRODUCTION

This manual is designed to assist you with the operation and maintenance of the 1550 Synergy Series Extended Stay Stretcher. Read it thoroughly before using the equipment or beginning any maintenance on it.

SPECIFICATIONS

| | |
|-------------------------------------|---|
| Maximum Weight Capacity | 500 pounds |
| Overall Bed Length/Width | 83.5"/34" |
| Minimum/Maximum Bed Height | 22"/35" |
| Knee Gatch Angle | 0° to 30° |
| Fowler Angle | 0° to 70° (Electric), 0° to 90° (Crank) |
| Trendelenberg/Reverse Trendelenberg | +12°/-18° |
| Electrical Requirements | 110 VAC, 60 Hz, 5.0 Amp |

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.

Preventative Maintenance

CLEANING

1. Hand wash all surfaces of the stretcher with warm water and mild detergent. Dry thoroughly.

CAUTION

Do not steam clean or hose off the Synergy Series Extended Stay Stretcher. Do not immerse any part of it. Some of the internal parts of the stretcher are electric and may be damaged by exposure to water.

2. 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.)

NOTE

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.

BIANNUAL CHECKLIST

- _____ All fasteners secure (reference all assembly prints)
- _____ Siderails move and latch properly (page 5)
- _____ All casters lock with brake pedal engaged (page 15)
- _____ Steer function working properly
- _____ All casters secure and swivel properly
- _____ Body restraints working properly
- _____ I.V. pole intact and operating properly (page NO TAG & NO TAG)
- _____ Oxygen bottle holder intact and operating properly (page NO TAG)
- _____ Fowler operates properly
- _____ Knee Gatch operates properly
- _____ Trendelenberg/Reverse Trendelenberg operates properly
- _____ No rips or cracks in mattress cover
- _____ Ground chain intact
- _____ No leaks at hydraulic connections
- _____ Hydraulic jacks holding properly (page 9)
- _____ Hydraulic drop rate set properly (page 11)
- _____ Hydraulic oil level sufficient (page 10)
- _____ Lubricate where required, including the brake adjuster assembly and brake cam (page 15)

Serial No. _____

Completed By: _____ Date: _____

Service Information

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

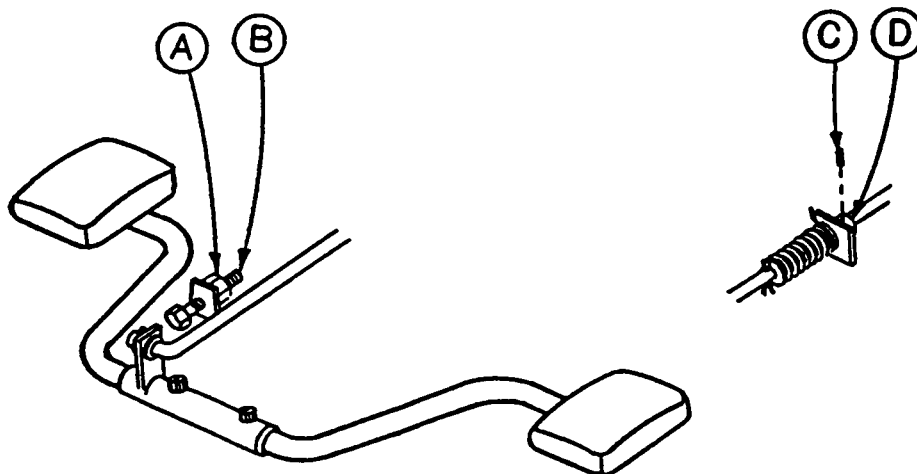
7/16 Open End Wrench

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

CASTER ASSEMBLY REPLACEMENT*

Required Tools:

1/8 Roll Pin Punch

Flat Punch (any size larger than 1/8)

Needle Nose Pliers

3/4 Inch Wrench

1 Inch Wrench

Drill with 1/8 inch Drill Bit

Hammer

Floor Jack

(2) Wooden Blocks (10 – 12 inches 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 plastic wheel covers.
5. Using a floor jack, lift base frame approximately 4 inches off the ground.
6. While holding cap screw with a 3/4 inch wrench, turn lug nut with a 1 inch wrench to loosen wheel assembly from base frame. Remove 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

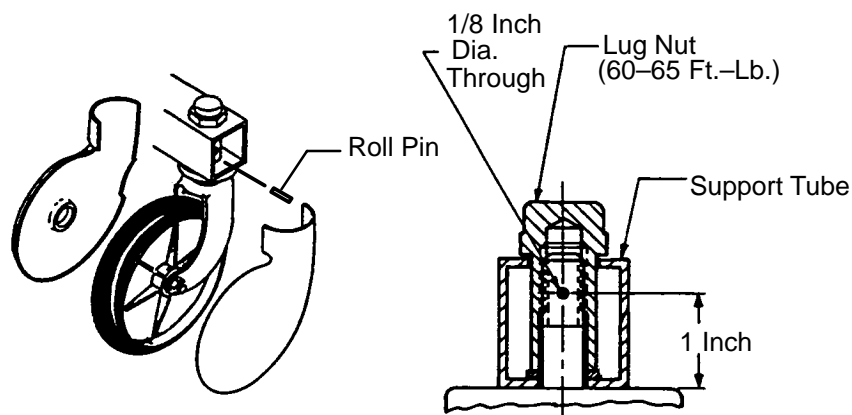
Be careful not to "oblong" the hole in the lug nut when drilling.

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.

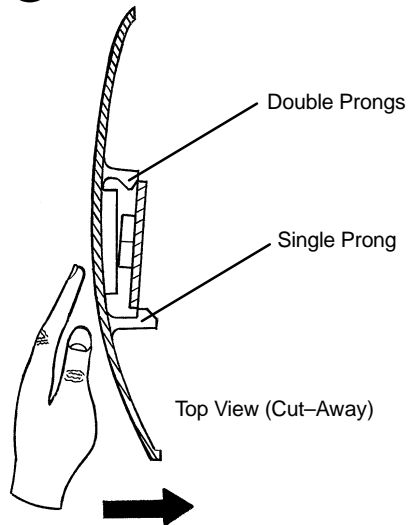
***See page 35 for replacement part numbers.**



Service Information

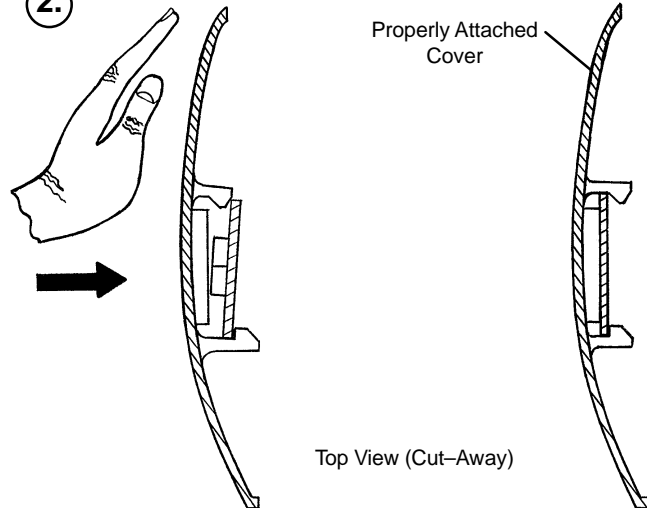
CASTER COVER INSTALLATION AND REMOVAL

1.



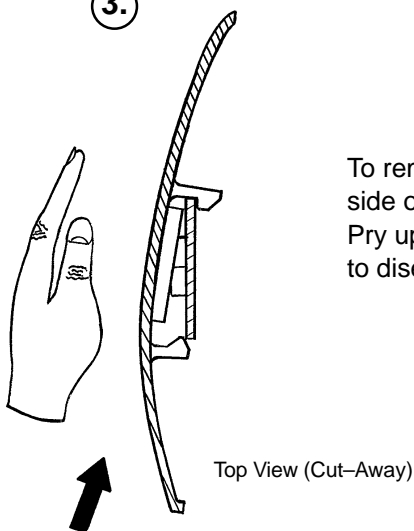
Looking through the larger of the two side cut-outs, align cover with axle nut or bolt head, as shown. Push down on the opposite side of the cover until single prong engages with caster horn.

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.

Service Information

HYDRAULIC SYSTEM TROUBLESHOOTING

NOTE

Be sure the pedal linkage has been adjusted properly before beginning service on the jacks (see page 6).

| PROBLEM/SYMPTOM | SOLUTION |
|--|--|
| Jack will not raise to full height. | Add hydraulic fluid (see p.10). Check for leaks. |
| Jack will not hold in raised position. | Close the needle valve completely. If the jack holds, replace valve #1 (see p. 12). If the jack does not hold, replace valve #2 (see p. 13). |
| 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. 13). |
| Jack will not pump up but the jack actuator rod does move when the pump pedal is activated. | Replace valve #2 (see p. 13). |
| Jack will not pump up and the jack actuator rod may or may not move. | Remove excess air (vacuum) in system (see p. 10). |

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

ELECTRICAL TROUBLESHOOTING

| PROBLEM/SYMPTOM | SOLUTION |
|--|--|
| Power light not on after power cord is plugged in. | Check wall receptacle for power. Remove control board cover & check for voltage (12 VDC) – test point 12 VDC ref. to gnd. If voltage is present, check power cord and replace, if necessary. Check fuses F1, F2, F3, F4 on logic board. |
| Bed will not raise electrically. | Check fuse F4 on logic control board. Replace, if necessary. Plug power cord in, depress pump pedal fully and listen for switch activation. Check adjustment of switch inside the motor enclosure at the foot end of the stretcher. Replace switch (see page 19), if necessary. Check power cord and replace, if necessary. Replace capacitor (see page 20). Replace pump motor (see page 20). |
| No Gatch/Fowler function in either siderail. | Check if lockout switch is on at either end of the stretcher. Be sure siderail controls are activated. Plug in power cord, press Gatch/Fowler switch and listen for switch activation – replace switch, if necessary. If only one siderail is not working, replace switch board in that siderail (see page 26). Check fuses F2 (Gatch) and F3 (Fowler) on logic control board. Check patient control switch cable and replace, if necessary. Replace Gatch and/or Fowler motors (see page 21-23). |

Service Information

CHECKING HYDRAULIC FLUID LEVEL

Required Tools:

| | | |
|----------------------------|------------------------------|-------------------------------|
| 3/8 Box End Wrench | 3/4 Open End Wrench | (2) Sawhorses (or equivalent) |
| Large Phillips Screwdriver | Bungee Cords (or equivalent) | Hydraulic Fluid (p/n) |

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. Raise the litter to the full up position.
 2. Support both ends of the litter using sawhorses or the equivalent.
 3. Using a 3/8 box end wrench, remove the square head set screws from both head and foot end jack support tubes.
 4. Press down on the release pedal for the end of the stretcher you are working on and, at the same time, push down on the jack actuator until it is fully down.
 5. Using a large Phillips screwdriver, remove the four screws securing the base hood. Using bungee cords or the equivalent, lift and support the base hood high enough to access the fill plug on the side of the jack.
 6. Be sure there are no hydraulic leaks. If there are, jack replacement will be necessary.
 7. Using a 3/4 open end wrench, slowly turn the fill plug counterclockwise to allow excess system pressure to vent. Remove the fill plug.
 8. The hydraulic fluid should be visible at the bottom of the fill hole. If it is not, add Mobil AW-32 hydraulic fluid (Stryker part number 1550-570-10) 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.

9. Replace the hood and reattach 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 6).
2. Hold down the descent pedals and the pump pedal and allow the system to circulate for approximately 10 seconds. This will force the air through the system and the jack should now pump up.

Service Information

JACK DESCENT RATE ADJUSTMENT

Required Tools:

Standard Screwdriver

Large Phillips Screwdriver

(2) 10 – 12 Inch Wooden Blocks

Adjustment Procedure:

1. Pump the litter up to full height.
2. Using a large Phillips screwdriver, remove the four Phillips screws securing the base hood. Lift the base hood and support it using the wooden blocks.
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. Check all wires and cables to assure none were pulled loose.
6. Remove the wooden blocks supporting the base hood and replace the screws securing 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

HYDRAULIC CHECK VALVE REPLACEMENT – NON ELECTRIC LIFT BASE

Required Tools:

3/8 Box End Wrench
3/4 Open End Wrench
7/32 Hex Allen Wrench

Stiff Wire (with bent, pointed end)
Torque Wrench (with Ft. Lbs. adjust.)
1/2 Inch Diameter Rod

Small Needle Nose Pliers

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.

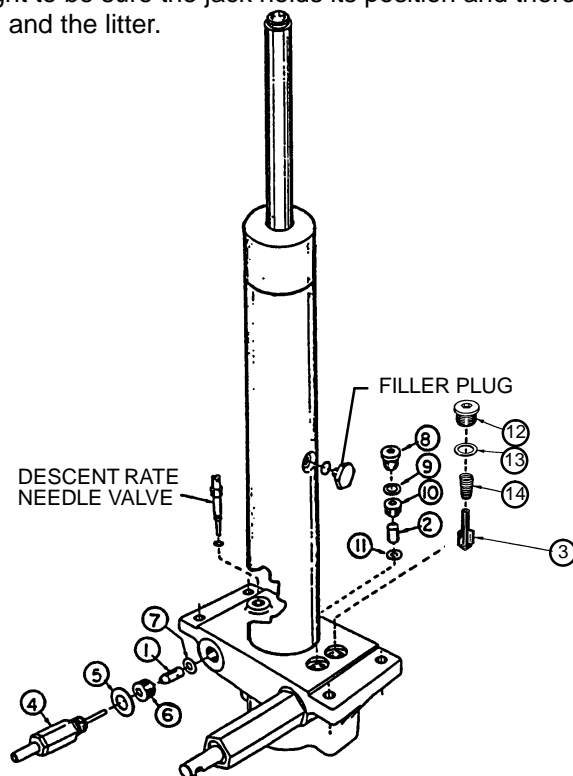
1. Using a 3/8 box end wrench, remove square head set screws from both head and foot end jack support tubes. Remove litter top and set aside.
2. Lift base hood off base frame and set aside.
3. Lower the jack to full down position. The actuator must be manually lowered while depressing the appropriate 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 |



Service Information

HYDRAULIC CHECK VALVE REPLACEMENT – NON ELECTRIC LIFT BASE (CONTINUED)

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

HYDRAULIC PRESSURE HOSE REPLACEMENT

Required Tools:

| | | |
|----------------------------|--|------------------------|
| Large Phillips Screwdriver | 9/16" Open End Wrench | 11/16" Open End Wrench |
| 6" 3/8 Drive Extension | 3/8" Drive Ratchet | Paper Towels or Rags |
| String or Bungee Cord | Modified Flair Nut Wrench – p/n 1550–570–5 | |

Procedure:

1. Raise the litter to the full up position. Unplug the stretcher power cord from the wall socket.

NOTE

If the hydraulic system is completely disabled, manually lift up on the litter to raise the jack actuator.

2. Remove the four Phillips head screws securing the base hood to the base frame. Lift the hood and secure it to the litter using string or bungee cords. Use caution when lifting the hood so none of the wires leading to the litter are pulled loose.
3. Locate the black pressure hose leading from the top of the jack casting to the head of the pump. Using a 9/16" open end wrench, remove the hose from the 90° fitting. Before removing the hose from the jack base, pack a paper towel or rag around the fitting to soak up the hydraulic oil that will run out of the hose. Using a modified flair nut wrench, loosen the hose fitting and remove the hose.
4. To install the new hose, pass it behind the jack brace and thread it onto the jack base fitting.

CAUTION

Do not over-tighten the fitting. Thread the brass nut by hand and tighten approximately 60° or one flat of the nut.

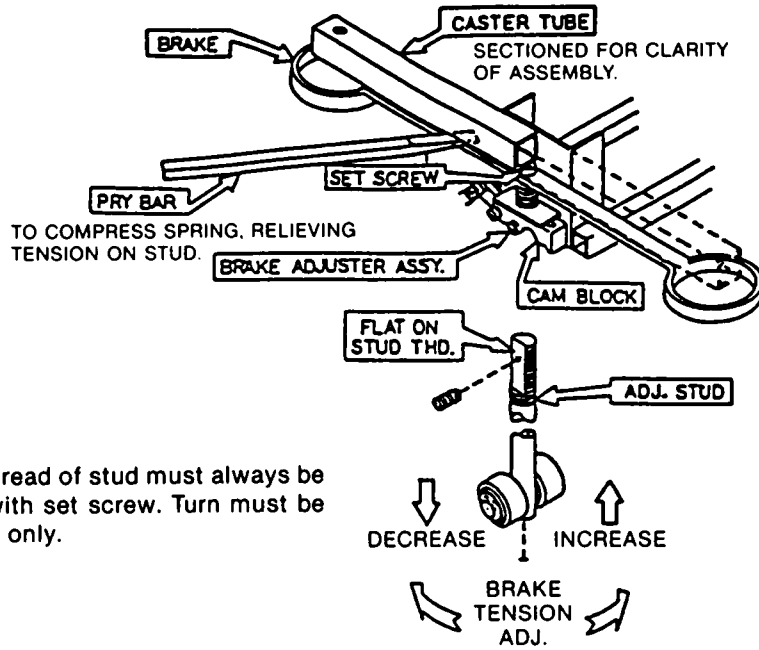
5. Attach the other end of the hose to the pump and tighten as described above. If the hose is tight or stressed, it may be necessary to change the angle of the fitting on the pump. Using an 11/16" open end wrench, loosen the nut against the pump 1/2 turn, reposition the fitting and tighten the nut. Remove the paper towel or rag used to soak up the hydraulic oil.
6. To replace the hydraulic oil lost when the hose was removed, remove the jack filler plug and add approximately 1 ounce of Mobil AW-32 hydraulic oil (Stryker part number). Do not fill to the bottom of the fill hole because most of the oil is in the actuator cylinder when the litter is raised.
7. After the new hydraulic hose or hoses have been installed, plug the stretcher power cord into a properly grounded wall receptacle. Cycle the litter up and down approximately 10 times and inspect the hose(s) and fittings for leaks.
8. Before installing the base hood, inspect all wires and connectors and be sure none have pulled loose. Position the hood and assure no wires are hanging out or pinched. Replace the four screws to hold the hood in place.

Service Information

BRAKE ADJUSTMENT

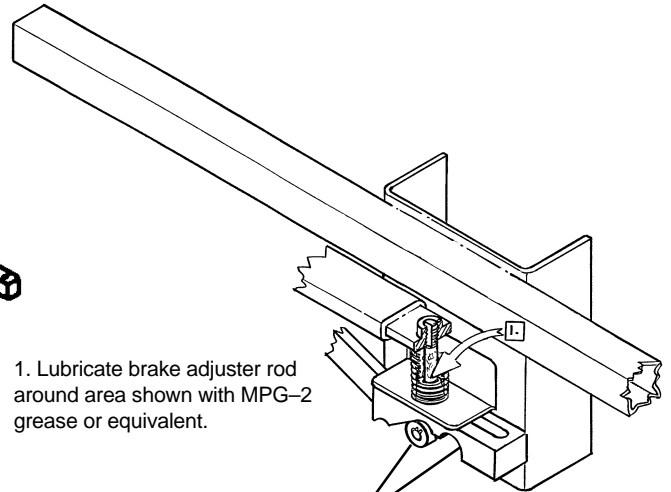
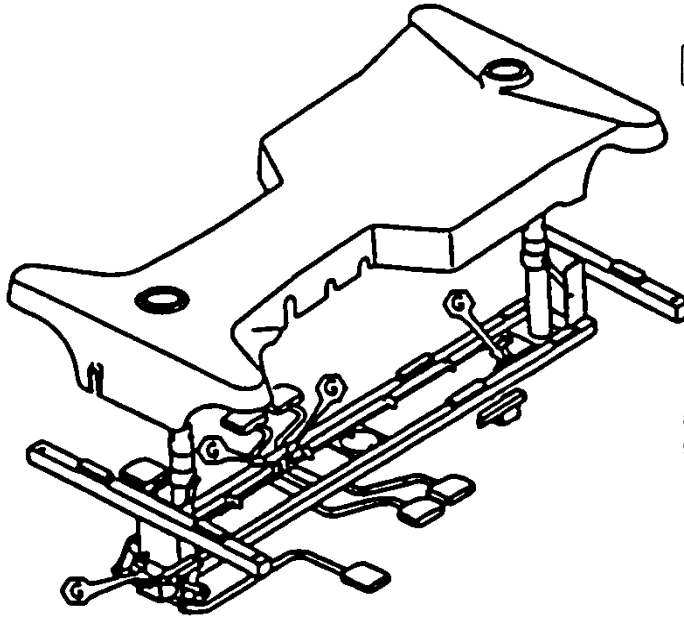
Required Tools:

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 POINTS



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

Do not grease area shown.

Service Information

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. Unplug the power cord from the wall socket.
2. Remove the four Phillips screws holding the base hood to the frame. Lift and support the base hood using string or bungee cord.
3. 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.
4. Using a 1/8" Allen wrench, remove the shoulder bolt and nut holding the brake link on the cam and remove the cam.
5. Reverse steps 3 and 4 to install the new cam. Apply and release the brakes to assure 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. Unplug the power cord from the wall socket.
2. 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.
3. 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.
4. Remove the wheel covers on both casters (see page 8).
5. Remove one of the caster assemblies (see page 7). 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.
6. Using two 7/16" wrenches, remove the power cord bracket from the base.

Service Information

BRAKE RING REPLACEMENT (CONTINUED)

- Using needle-nose pliers, carefully squeeze and remove the spring between the brake cam and the brake ring.

WARNING

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

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

POWER CORD REPLACEMENT

Power Cord Part Number 1550-85-10

Required Tools:

| | | |
|----------------------------|-----------------------|--------------|
| Large Phillips Screwdriver | String or Bungee Cord | Wire Cutters |
| Pliers | 5/32" Allen Wrench | 3/8" Wrench |

Procedure:

- Unplug the power cord from the wall socket. Press fully down on the brake pedal to set the brakes. Pump the lift pedal and raise the litter fully. Remove the four Phillips screws holding the base hood to the base frame. Lift and support the base hood using string or bungee cord. Properly ground yourself (see page 18).
- Disconnect the black and white wires from the motor cable inside the motor enclosure and clip off the connectors. Using a 5/32" Allen wrench and a 3/8" wrench, remove the nut and screw holding the green ground wire to the base tube.
- Using pliers, squeeze and pull the cord strain relief out of the motor enclosure and pull the cord through the hole in the enclosure. Remove and save the strain relief. Using a 15/16" wrench, remove the plastic nut on the connector side of the cord and pull the cord out through the mounting bracket.
- Remove the plastic nut from the connector side of the new power cord. Thread the new power cord through the bracket and replace and tighten the plastic nut. Clamp on the strain relief and push it back into the enclosure.
- Connect the black and white wires to the motor cable. Reattach the green ground wire.
- Reattach the base hood using the four Phillips screws. Plug the power cord into a properly grounded wall receptacle and be sure the stretcher has power before returning it to service.

Service Information

STATIC DISCHARGE PRECAUTIONS

The electronic circuits in the 1550 are completely protected from static electricity damage only while the stretcher is assembled. It is extremely important that all service personnel always use adequate static protection when servicing the electronic systems of the 1550. *Whenever you are touching wires, you should be using static protection.*

Static Protection Equipment

The necessary equipment for proper static protection is:

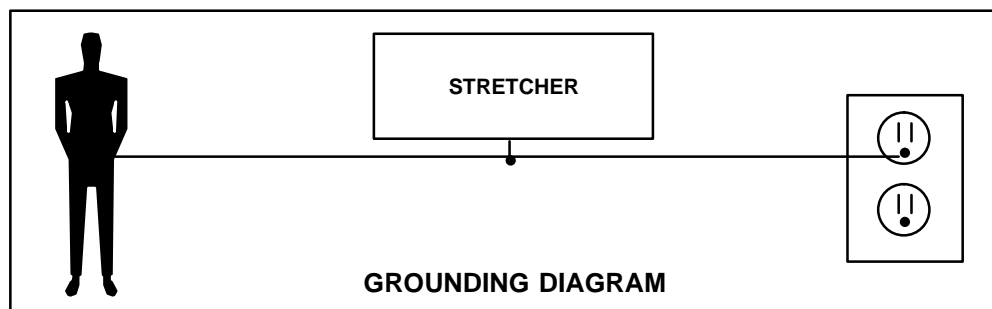
- 1 static wrist strap; 3M part number 2214 or equivalent,
- 1 grounding plug; 3M part number 61038 or equivalent,
- 1 test lead with a banana plug on one end and an alligator clip on the other; Smith part number N132B699 or equivalent.

CAUTION

All electronic service parts will be shipped in static shielding bags. Do not open the bags until you have completed steps 2 and 3 of the following procedure. Do not place unprotected circuit boards on the floor. All circuit boards to be returned to Stryker Medical should be shipped in the static shielding bags the new boards were shipped in.

Static Protection Procedure

1. Turn off the main power switch at the foot end of the stretcher and unplug the power cord from the wall receptacle.
2. Insert the grounding plug into a properly grounded hospital grade wall receptacle. Plug the banana plug of the test lead into the receptacle on the grounding plug. Connect the alligator clip on the other end of the test lead to the ground chain of the stretcher.
3. Place the static control wrist strap on your wrist. Connect the alligator clip at the other end of the wrist strap cord to the ground chain of the stretcher.



Service Information

SWITCH REPLACEMENT/ADJUSTMENT

Switch Part Number 59-78

Required Tools:

Large Phillips Screwdriver

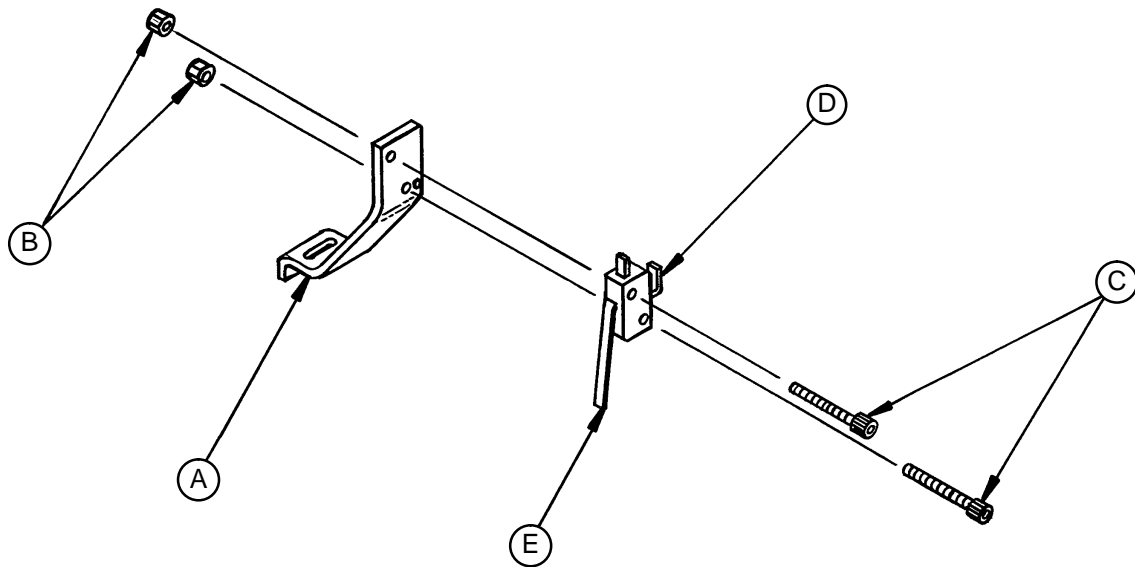
String or Bungee Cord

5/32" Allen Wrench

3/8" Box End Wrench

3/32" Allen Wrench

1/4" Socket



Procedure:

1. Unplug the power cord from the wall socket. Press fully down on the brake pedal to set the brakes. Pump the lift pedal and raise the litter fully. Remove the four Phillips screws holding the base hood to the base frame. Lift and support the base hood using string or bungee cord.
2. Using a 5/32" Allen wrench and a 3/8" box end wrench, remove the nut and screw holding the switch bracket (A) inside the motor enclosure at the foot end of the stretcher.
3. Using a 3/32" Allen wrench and a 1/4" socket, remove the two nuts (B) and screws (C) holding the switch (D) to the bracket.
4. Properly ground yourself (see page 18). Disconnect the red and black wires from the top and side of the switch.
5. Reverse the above steps to install the new switch. Before tightening the screw and nut holding the switch bracket (A) to the base frame, move the bracket to advance or retard the switch trigger as needed. The switch should close when the pump pedal is approximately 1/2" from the floor. Reattach the base hood.

Service Information

JACK/MOTOR REPLACEMENT

Head (Control) End Jack/Motor Assembly Part Number 1550-70-30, Foot End Jack/Motor Assembly Part Number 1550-70-35, Jack Part Number 1550-70-25, Motor Part Number 1550-70-10, Capacitor Part Number 1550-70-9

Required Tools:

| | | |
|----------------------------|----------------------------|---------------------------|
| Large Phillips Screwdriver | String or Bungee Cord | Sawhorses (or equivalent) |
| 5/16" Open End Wrench | 1/2" Socket w/6" Extension | 1/2" Box End Wrench |
| 5/32" Allen Wrench | 3/8" Box End Wrench | 1/4" Allen Wrench |
| Small Standard Screwdriver | 7/16" Box End Wrench | |

Procedure:

1. Unplug the power cord from the wall socket. Press fully down on the brake pedal to set the brakes. Pump the lift pedal and fully raise the litter. Remove the four Phillips screws holding the base hood to the frame. Lift and support the base hood using string or bungee cord. Using sawhorses or the equivalent, support the litter at the end of the stretcher that needs service.
2. Using a 3/8" box end wrench, remove the screw holding the jack to the litter support tube.
3. Press down on the release pedal for the end of the stretcher you are working on and, at the same time, push down on the jack actuator until it is fully down.
4. Put the brake/steer pedal in neutral and move the end of the base you are working on out from under the litter to allow better access to the jack and motor. Press fully down on the pedal to reset the brakes.

WARNING

Move only the base. Be very careful not to move the litter. Personal injury could result if the litter falls off the sawhorses (or equivalent) supporting it.

5. Using a 1/2" socket and a 1/2" wrench, remove the nuts and bolts holding the jack support bracket on both sides of the jack. Using a 1/2" socket, remove the two nuts and bolts holding the support bracket on the base tube bracket.
6. Properly ground yourself (see page 18). Disconnect the motor cables.
7. Using a 1/2" ratchet with a 6" extension and a 1/2" wrench, remove the five nuts and bolts holding the jack, motor and enclosure on the base frame,
8. Using a 5/32" Allen wrench and a 3/8" box end wrench, remove the nut and screw holding the switch bracket inside the motor enclosure.
9. Using a 1/4" Allen wrench and a 1/2" box end wrench, remove the nut and bolt holding the jack pump piston to the linkage. If you are replacing the head (control) end jack, remove the nut and compress the jack spring before removing the bolt. Carefully release the spring and remove it from the spring holder.
10. Pull out the jack and motor. Using a 7/16" wrench, loosen the four fiberlock nuts under the bottom mounting bracket and slide the motor out of the two "U" brackets.
11. If the capacitor needs to be replaced, use a small, standard screwdriver to remove it from the bracket on the bottom of the enclosure.
12. Place the new jack/motor assembly in the enclosure. Reinstall the jack support brackets. Reinstall the jack pump piston to the linkage.
13. Line up the enclosure and motor with the holes in the base frame and reinstall the five nuts and bolts.
14. If the capacitor is being replaced, push the new capacitor into the bracket inside the enclosure. Reinstall the switch (see page 19 for adjustment instructions). Reconnect all wires and cables.
15. Pump the lift pedal to raise the jack actuator and reattach the jack to the litter support tube. Reattach the base hood. Test the bed lift functions before returning the stretcher to service.

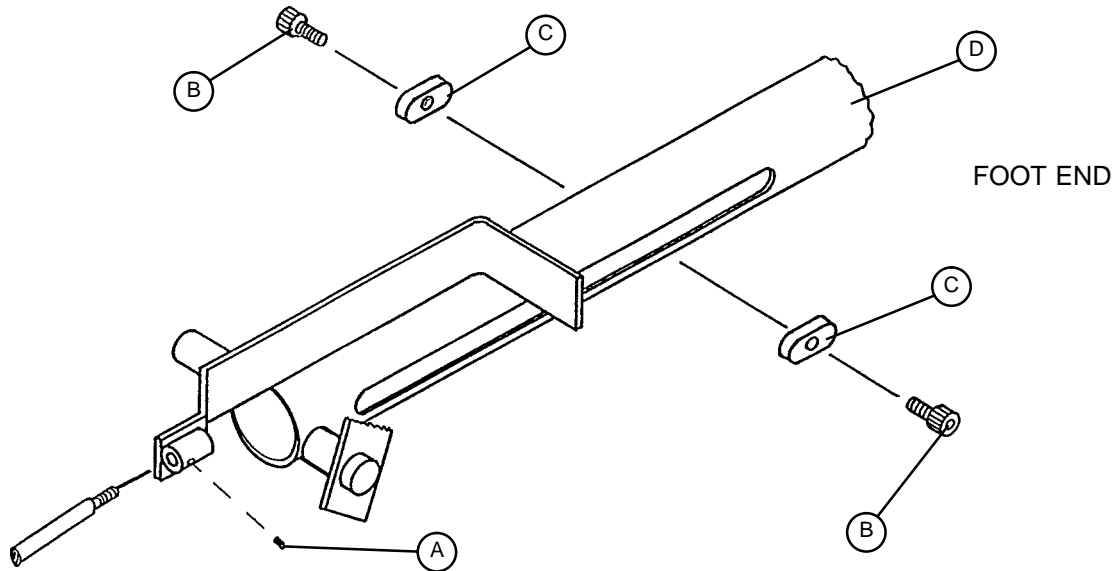
Service Information

FOWLER LIFT MOTOR/ACTUATOR REPLACEMENT

Fowler Lift Motor Kit Part Number 1550-533-45

Required Tools:

| | | |
|------------------------------|--------------------|--------------------------------------|
| (2) 7/16" Open End Wrenches | 5/32" Allen Wrench | Standard Screwdriver (12" or longer) |
| Two 1/2" Wrenches or Sockets | 1/4" Nut Driver | 5/16" Ratchet and Extension |
| 5/64" Allen Wrench | String or Cord | Sawhorse (or equivalent) |



Procedure:

1. Raise the litter, Fowler and Knee Gatch to the full up position. Remove the mattress and unplug the power cord from the wall socket. Properly ground yourself (see page 18).
2. Lift the foot section and pivot it back, securing it with string or cord. Using a 5/32" Allen wrench, remove the four screws and the two Knee Gatch guides from the sides of the motor/board cover. Using a standard screwdriver, remove the two sheet metal screws holding the cover to the foot end frame tube and remove the cover.
3. Disconnect the black cable connecting the Fowler motor to the logic circuit board.
4. Remove and save the small black cap from the end of the quick drop release cable. With two 7/16" open end wrenches, loosen the nuts on the cable retainer until the end of the quick drop release cable will slide out. Using a 5/64" Allen wrench, loosen the set screw (A) securing the cable cover at both ends of the cable and pull off the cable cover.
5. Using a screwdriver, pry off the ball retainers at each end of the black gas cylinder and remove the gas cylinder. Using a 5/32" Allen wrench, remove the screws (B) holding the stop (C) on each side of the Fowler tube (D). Trip the Fowler quick drop lever **on the end of the actuator*** and at the same time manually lift the Fowler. Use string or cord to secure the Fowler out of the way.

CAUTION

*Do not use the red quick drop release handle because the Knee Gatch will come down.

Service Information

FOWLER LIFT MOTOR/ACTUATOR REPLACEMENT (CONTINUED)

6. Using two 1/2" wrenches or sockets, remove the two nuts and bolts from each side of the "Y" shaped Fowler bracket at the head end of the stretcher. Be sure to catch the Fowler lift motor tube (D) so it does not fall and damage the storage tray.
7. Using a 7/16" wrench, remove the two inner nuts and bolts fastening the motor to the mounting brackets inside the motor/board enclosure at the foot end of the stretcher. Only the two inner bolts need to be removed.
8. Using a 5/16" ratchet and extension, remove the two screws from the bottom mounting bracket under the actuator assembly. Support the foot end of the stretcher using a sawhorse or the equivalent. Using a 1/2" wrench or socket, remove the bolt holding the litter support tube on top of the jack to the litter roller assembly and swing the litter support aside. Using a 7/16" socket, remove the bolt holding the foot section to the Gatch motor tube and pivot the foot section completely back.
9. Pull the "Y" shaped bracket off the end of the lift motor tube and remove the actuator assembly from the enclosure. Install the new actuator assembly and the two screws in the bottom mounting bracket. Install the two inner bolts to the motor mounting brackets. Reattach the litter support tube to the litter roller assembly. Reattach the Gatch motor tube to the Gatch. Lift the Fowler and install the "Y" shaped Fowler bracket onto the end of the Fowler motor tube. (It will be necessary to trip the quick drop latch). Grease the motor tube, if necessary. Install the two stops (E) on the sides of the Fowler motor tube using the screws and adhesive provided with the new actuator.
10. Install the gas cylinder with the large diameter end toward the foot end of the stretcher. Install the small (head) end first, then move the Fowler until the foot end of the cylinder can be popped on. Plug the black motor cable into the logic circuit board and plug the stretcher power cord into a properly grounded wall receptacle. Inspect and test the lift and quick drop systems. (Trip the quick drop at the latch under the Gatch. Do not attach the cable yet.) If the Fowler or Gatch do not lower or raise properly and the limit switches need to be adjusted, see page 24 for the procedure.
11. Insert the cable outer cover into the Fowler actuator bracket and secure it with the set screw. Thread the cable through the quick drop release lever on the actuator then through the cable cover and the release lever. Keep the cable taut between the two washers on the release lever (but not holding the latch open) and tighten the nut and bolt holding it in place. Rotate the red lever to test the quick drop function for proper operation. Glue the black cap on the end of the cable.
12. Reinstall the enclosure cover and Knee Gatch guides with the four socket head cap screws. When reinstalling the Knee Gatch guides, be sure the large hole in the guide is toward the foot (crank) end with the ridged side of the guide facing out. Install the two sheet metal screws. Inspect and test the stretcher before returning it to service.

Service Information

GATCH LIFT MOTOR/ACTUATOR REPLACEMENT

Required Tools:

| | | |
|----------------|-----------------------------|-----------------------|
| 7/16" Socket | Ratchet | 1/4" Socket or Wrench |
| Inclinometer | 5/16" Socket | 5/64" Allen Wrench |
| 3" Extension | Medium Standard Screwdriver | 1/2" Wrench or Socket |
| 1/2" Socket | 5/32" Wrench | (2) 7/16" Wrenches |
| String or Cord | Sawhorse (or equivalent) | |

Procedure:

1. Unplug the power cord from the wall socket. Properly ground yourself (see page 18).
2. Using a 1/2" wrench and socket, disconnect the bolts holding the Gatch motor assembly to the Knee Gatch mounting bracket underneath the litter midsection.
3. Lift the foot section and pivot it back, securing it with a string or cord. Using a 5/32" Allen wrench, remove the four screws and two Knee Gatch guides from the sides of the motor/board enclosure cover. Using a standard screwdriver, remove the two sheet metal screws holding the cover to the foot end frame tube and remove the cover.
4. Manually crank up the Fowler (head end) to expose the quick drop lever assembly. Remove and save the small black cap from the end of the quick drop release cable. With two 7/16" open end wrenches, loosen the nut on the cable retainer until the quick drop release cable will slide out. Using a 5/64" Allen wrench, loosen the set screw securing the cable cover at both ends of the cable and pull off the cable cover.
5. Using a 7/16" wrench, remove the two inner nuts and bolts fastening the Gatch motor to the mounting brackets inside the motor enclosure. Only the two inner bolts need to be removed.
6. Using a 5/16" socket and extension, remove the two bolts from the bottom mounting bracket under the actuator assembly inside the motor enclosure.
7. Unplug the black Gatch motor cable from the logic circuit board.
8. Support the foot end of the stretcher using a sawhorse or the equivalent. Using a 1/2" wrench or socket, remove the bolt holding the litter support tube on top of the jack to the litter roller assembly and swing the litter support aside. Using a 7/16" socket, remove the bolt holding the foot section to the Gatch motor tube and pivot the foot section completely back.
9. Remove Gatch motor.
10. Reverse steps 2–8 to install new Gatch motor.
11. Plug the stretcher power cord into a properly grounded wall socket and use siderail control to raise the Gatch until the motor stops.
12. Using an inclinometer, assure the Gatch is at a 30° angle. If it is not, run the motor until a 30° angle is achieved, then disconnect the motor from the Gatch mounting bracket and quick drop release cable.
13. Using the siderail controls, run the motor up, allowing the motor to spin freely, until it stops.
14. Reattach the motor to the Gatch mounting bracket and quick drop release cable and assure the Gatch is now at a 30° angle. Run the Gatch fully down and assure it reaches the full down position. If the motor stops before the Gatch is fully down or continues to run after the Gatch is resting on the rubber Gatch stops, see page 24 for limit switch adjustment.

Service Information

FOWLER AND KNEE GATCH MOTOR/ACTUATOR ADJUSTMENT

Procedure:

1. Electrically raise the Fowler and/or Knee Gatch until it stops. Use an inclinometer to check the angle of the Fowler/Knee Gatch. If the angle is not 70°– 80° for the Fowler and 28°– 30° for the Gatch, the actuator(s) will need to be adjusted.
2. Lower the Fowler down flat and remove the socket head cap screws and spacers holding the drive bar to the crankscrew/actuator assembly.
3. Standing at the head end of the bed, turn the outer drive tube **clockwise** if the Fowler angle is less than 70°. Turn the outer drive tube **counterclockwise** if the Fowler angle is more than 80°. Reattach the drive bar to the crankscrew/actuator assembly. Electrically raise the Fowler fully and check the angle.
4. If the Knee Gatch angle is not correct, disconnect the pivot bolt from the Gatch. Standing at the head end of the bed, turn the drive tube **clockwise** if the Gatch angle is less than 28°. Turn the drive tube **counterclockwise** if the Gatch angle is more than 30°. Reattach the drive bar to the crankscrew/actuator assembly. Electrically raise the Gatch fully and check the angle.

NOTE

One turn of the drive tube is equal to approximately 2° of Fowler/Gatch angle.

5. After the Fowler and Gatch upper limits are set properly, rotate the quick drop release lever to lower the Fowler and Gatch. Press and hold the Fowler and Gatch down buttons until the motor stops to reset the quick drop Fowler and Gatch. The Fowler and Gatch should stop on the rests. So there isn't any tension on the actuators, you should be able to pull up slightly on the Fowler and Knee Gatch. See the procedure below for limit switch adjustment if the Gatch limits are not properly set.

FOWLER AND KNEE GATCH LIMIT SWITCH ADJUSTMENT

Procedure:

1. If the motor does not stop when the Fowler or Gatch reaches the full down position or stops before the Fowler or Gatch is fully down on the rests, the limit switch needs to be adjusted.
2. Lower the Fowler and/or Gatch to the full down position being careful not to exceed the downward limit on the rubber stops.
3. Raise the Fowler/Gatch approximately 1". Rotate the quick drop release lever and run the Fowler/Gatch motor down to reset the quick drop.
4. Lift the foot section and pivot it back, securing it with a string or cord. Using a 5/32" Allen wrench, remove the four screws and two Knee Gatch guides from the sides of the motor/board enclosure cover. Using a standard screwdriver, remove the two sheet metal screws holding the cover to the foot end frame tube and remove the cover.
5. Using a 1/4" wrench, remove the two screws on the end of the actuator holding the round limit switch cover plate and remove the plate to expose the limit switches.
6. Loosen the two screws on the outer limit switch cam and turn the cam by hand until it just contacts the limit switch. The switch will click when the cam contacts it.
7. Tighten the screws on the cam.
8. Raise the Fowler/Gatch fully then rotate the quick drop lever and hold down the lowering button on the siderail to reset the quick drop. The Fowler/Gatch should lower fully down on the rests and the motor should stop. If it doesn't, repeat steps 6–8.
9. Reattach the switch cover plate and motor enclosure cover when the switch is set properly.

Service Information

LOGIC CIRCUIT BOARD REPLACEMENT

Logic Circuit Board Part Number 1550–80–900

Required Tools:

Standard Screwdriver

5/32" Allen Wrench

7/64" Allen Wrench

Procedure:

1. Unplug the power cord from the wall socket. Properly ground yourself (see page 18).
2. Lift the foot section and pivot it back, securing it with a string or cord. Using a 5/32" Allen wrench, remove the four screws and two Knee Gatch guides from the sides of the motor/board enclosure cover. Using a standard screwdriver, remove the two sheet metal screws holding the cover to the foot end frame tube and remove the cover.
3. Disconnect all cables and connectors from the logic circuit board, noting their locations so they will be re-connected properly.
4. Using a 7/64" Allen wrench, remove the 6 Allen screws on the bottom of the motor/board enclosure. Lift the logic circuit board out of the enclosure.
5. Reverse the above steps to install the new circuit board. Reinstall the enclosure cover and Knee Gatch guides with the four socket head cap screws. When reinstalling the Knee Gatch guides, be sure the large hole in the guide is toward the foot (crank) end with the ridged side of the guide facing out. Install the two sheet metal screws. Test all bed functions before returning the stretcher to service.

PATIENT CONTROL LOCKOUT SWITCH REPLACEMENT

Rocker Switch Part Number 59–68

Required Tools:

Standard Screwdriver

5/32" Allen Wrench

Procedure:

1. Unplug the power cord from the wall socket. Properly ground yourself (see page 18).
2. Lift the foot section and pivot it back, securing it with a string or cord. Using a 5/32" Allen wrench, remove the four screws and two Knee Gatch guides from the sides of the motor/board enclosure cover. Using a standard screwdriver, remove the two sheet metal screws holding the cover to the foot end frame tube and remove the cover.
3. Disconnect the three cables leading from the rocker switch to the lockout cable on the logic circuit board.
4. From inside the enclosure, squeeze the sides of the rocker switch and push the switch out of the frame tube.
5. Push the new switch into the frame tube, threading the three cables through the tube. Connect the cables to the lockout cable, being sure the white cable is connected in the center.
6. Reinstall the enclosure cover and Knee Gatch guides with the four socket head cap screws. When reinstalling the Knee Gatch guides, be sure the large hole in the guide is toward the foot (crank) end with the ridged side of the guide facing out. Install the two sheet metal screws.
7. Plug the stretcher power cord into a properly grounded wall receptacle and test the lockout function before returning the stretcher to service.

Service Information

PATIENT CONTROL LOCKOUT LED REPLACEMENT

Required Tools:

Standard Screwdriver

5/32" Allen Wrench

Wire Cutters

Procedure:

1. Unplug the power cord from the wall socket. Properly ground yourself (see page 18).
2. Lift the foot section and pivot it back, securing it with a string or cord. Using a 5/32" Allen wrench, remove the four screws and two Knee Gatch guides from the sides of the motor/board enclosure cover. Using a standard screwdriver, remove the two sheet metal screws holding the cover to the foot end frame tube and remove the cover.
3. Disconnect the red and black LED wires from the lockout cable. Clip the red and black wires and push the LED out of the litter frame tube.
4. Thread the new LED wires through the frame tube. Push the new LED into the frame tube. Crimp new connectors on the red and black wires on the new LED. Connect the new LED to the lockout cable on the logic circuit board.
5. Reinstall the enclosure cover and Knee Gatch guides with the four socket head cap screws. When reinstalling the Knee Gatch guides, be sure the large hole in the guide is toward the foot (crank) end with the ridged side of the guide facing out. Install the two sheet metal screws.
6. Plug the stretcher power cord into a properly grounded wall receptacle and be sure the LED lights when the lockout function is activated before returning the stretcher to service.

SIDERAIL PATIENT CONTROL REPLACEMENT

Required Tools:

5/64" Allen Wrench

Procedure:

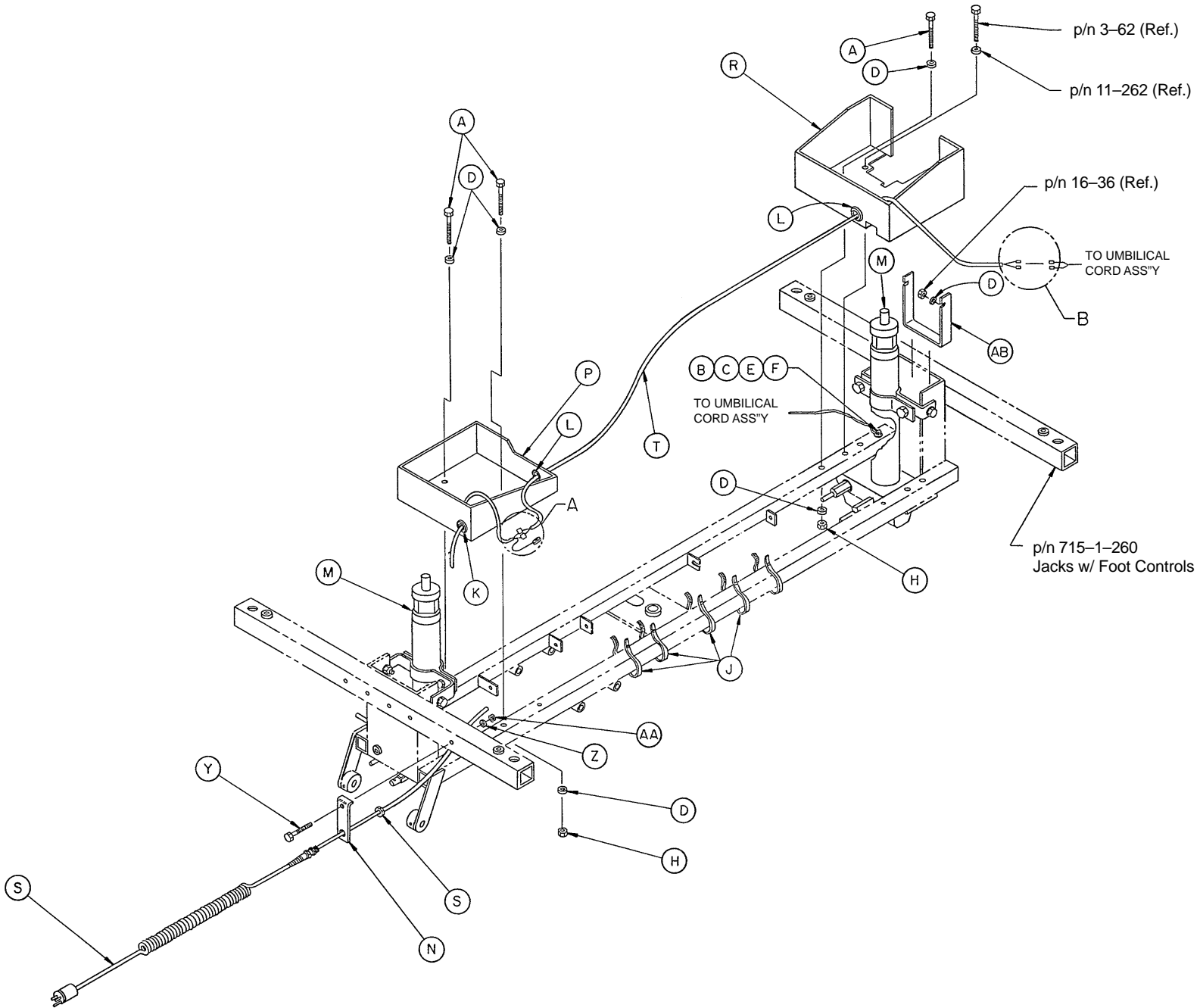
1. Unplug the power cord from the wall socket. Properly ground yourself (see page 18). Lower the siderail.
2. Peel the label off the siderail top rail.
3. Using a 5/64" Allen wrench, remove the two screws from the top rail.
4. Pull the control assembly out of the inside of the top rail and disconnect the cable from the switch board inside the rail.
5. Reverse the above steps to install the new control assembly, being sure the cable is aligned with the groove in the switch housing and doesn't get pinched.
6. Plug the stretcher power cord into a properly grounded wall receptacle and be sure the siderail control is working properly before returning the stretcher to service.

Field Replacement Parts

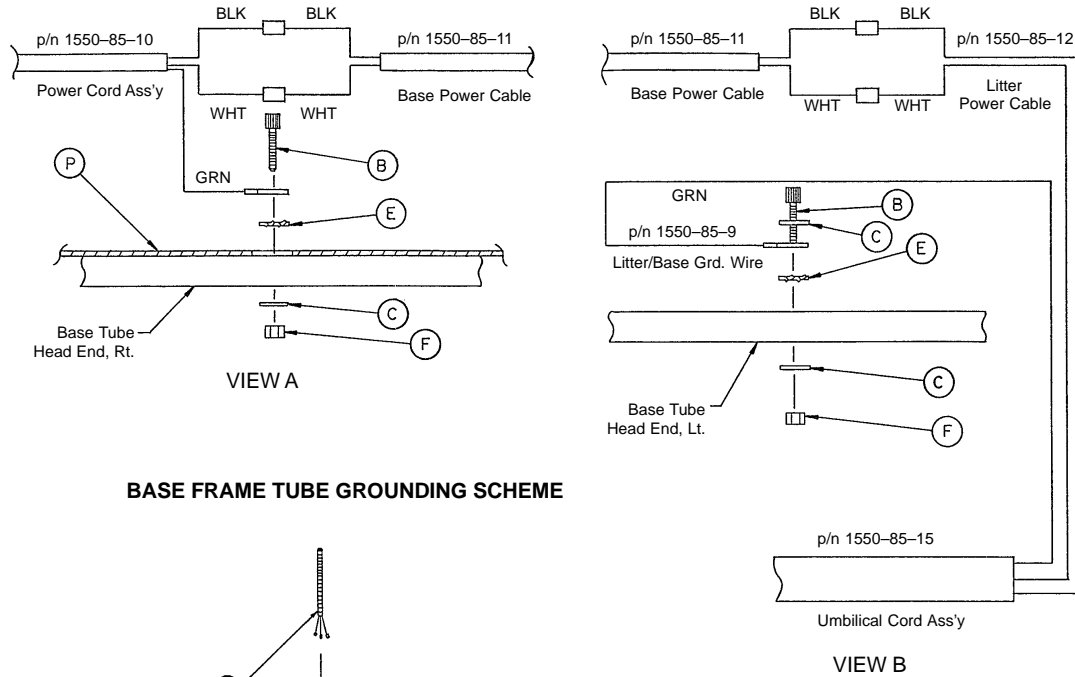
REPLACEMENT PARTS

| <u>ITEM</u> | <u>PART NUMBER</u> |
|------------------------------|--------------------|
| Brake Cam | 715-1-221 |
| Brake Ring | 715-1-61 |
| Power Cord | 1550-85-10 |
| Switch | 59-78 |
| Hydraulic Jack | 1550-70-25 |
| Capacitor | 1550-70-9 |
| Logic Circuit Board | 1550-80-900 |
| Rocker Switch | 59-68 |
| Brake Adjuster | 715-1-150 |
| Rubber Pedal (Release) | 721-40-25 |
| Side Control Pedal Pad | 715-1-126 |
| Hydraulic Oil Kit | 1550-570-10 |

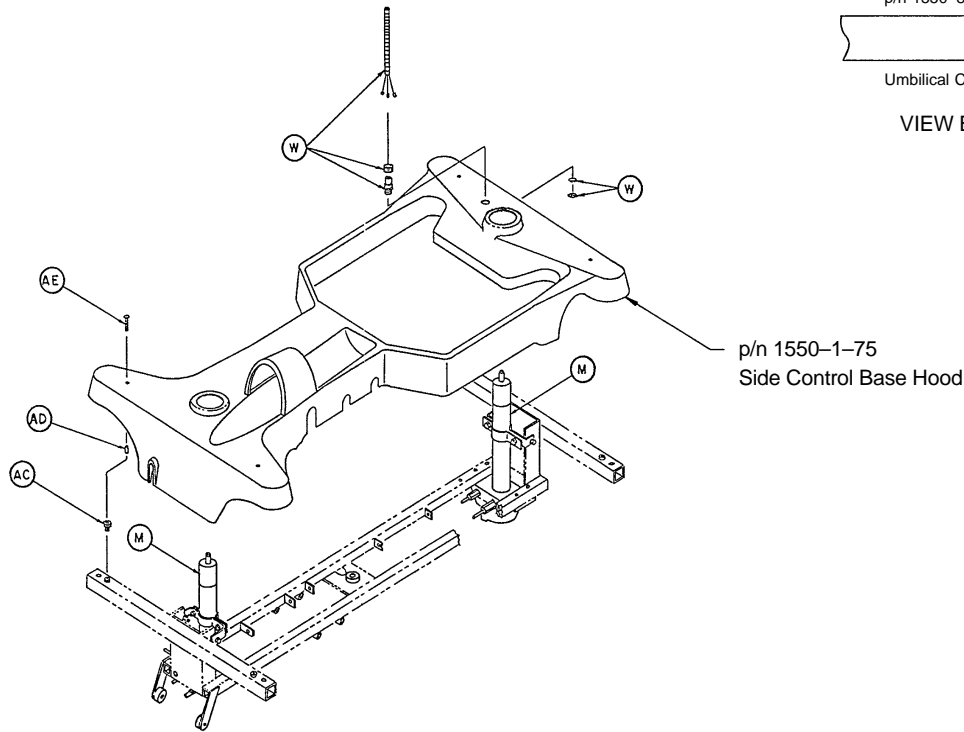
1550-1-1 Base/Hood Assembly (Without Lift Option)



1550-1-1 Base/Hood Assembly (Without Lift Option)

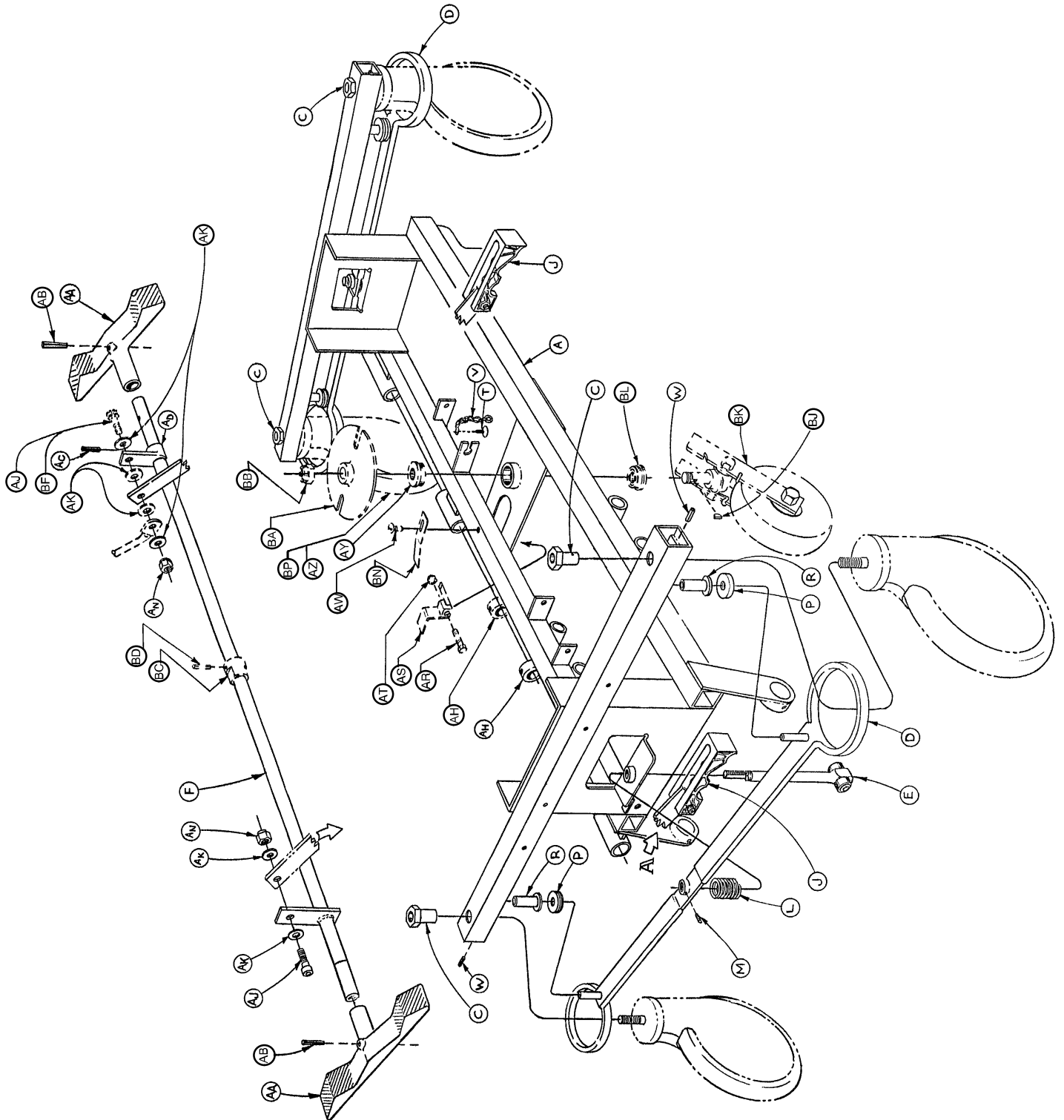


BASE FRAME TUBE GROUNDING SCHEME



| Item | Part No. | Part Name | Qty. | Item | Part No. | Part Name | Qty. |
|------|-----------|------------------------|------|------|------------|---------------------------|------|
| A | 3-68 | Hex Hd. Cap Screw | 3 | P | 1550-1-20 | Pump Enclosure, Hd. | 1 |
| B | 4-85 | Soc. Hd. Cap Screw | 1 | R | 1550-1-21 | Pump Enclosure, Ft. | 1 |
| C | 11-1 | Washer | 3 | S | 1550-85-10 | Power Cord Ass'y | 1 |
| D | 11-3 | Washer | 6 | T | 1550-85-11 | Base Power Cable | 1 |
| E | 13-10 | Ext. Tooth Lock Washer | 1 | W | 1550-85-15 | Umbilical Cord (w/o Lift) | 1 |
| F | 16-3 | Fiberlock Nut | 1 | Y | 3-20 | Hex Hd. Cap Screw | 1 |
| H | 16-36 | Fiberlock Nut | 3 | Z | 11-65 | Washer | 1 |
| J | 59-75 | Cable Tie | 5 | AA | 16-28 | Fiberlock Nut | 1 |
| K | 59-107 | Strain Relief | 1 | AB | 1550-1-30 | U-Channel Encl., Foot | 2 |
| L | 59-108 | Strain Relief | 2 | AC | 55-18 | Threaded Insert | 4 |
| M | (page 42) | Jack Assembly | 2 | AD | 52-263 | Tubular Spacer | 4 |
| N | 1550-1-9 | Power Cord Bracket | 1 | AE | 7-35 | Truss Hd. Mach. Screw | 4 |

715-1-250 Side Control Base Assembly (with Wheels)



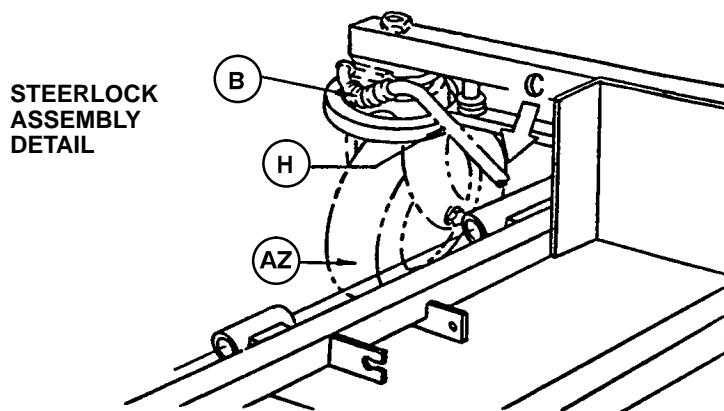
715-1-250 Side Control Base Assembly (with Wheels)

| Item | Part No. | Part Name | Qty. |
|------|------------|-----------------------------|------|
| A | 715-1-245 | 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 32) | Brake Adjuster Assembly | 2 |
| F | 715-1-231 | Brake/Steering Rod Assembly | 1 |
| H | 1000-10-62 | Steering Lock Linkage Bar | 1 |
| J | (Page 33) | 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 | 1 |
| V | 715-1-156 | Grounding Chain | 1 |
| W | 26-5 | Roll Pin | 4 |
| AA | 715-1-201 | Brake/Steer Pedal | 2 |
| AB | 26-196 | Groove Pin | 1 |
| 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 |
| AW | 7-4 | Truss Hd. Mach. Screw | 1 |
| AY | 715-1-157 | Fifth Wheel Bearing | 1 |
| AZ | (Page 34) | 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 36) | Fifth Wheel Assembly | 1 |
| BL | 81-219 | Bearing | 1 |
| BN | 715-1-136 | Fifth Wheel Spring | 1 |
| BP | (Page 35) | Caster Wheel Assembly | 3*** |

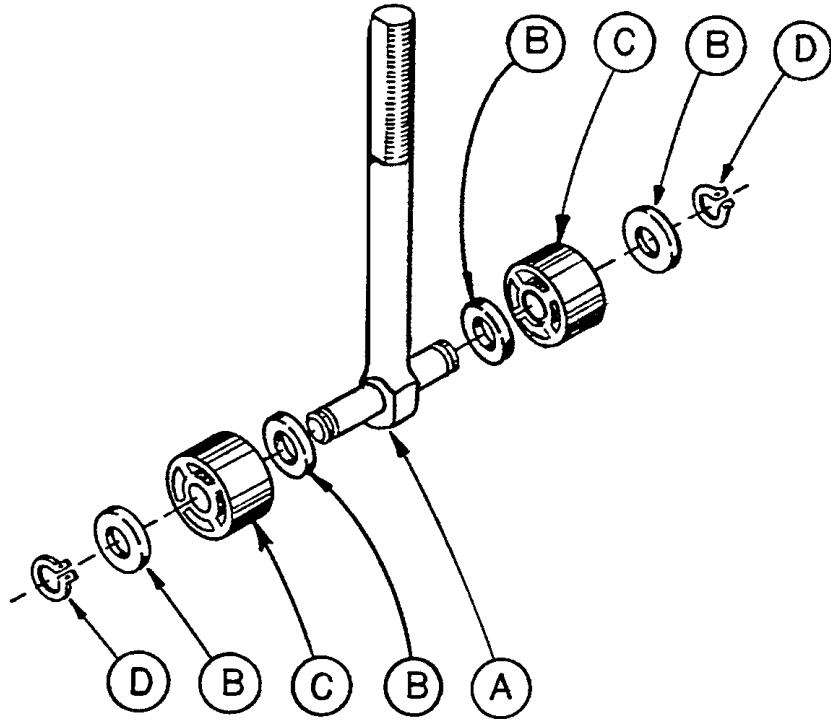
* Item AJ to be used only when fifth wheel is ordered.

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

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

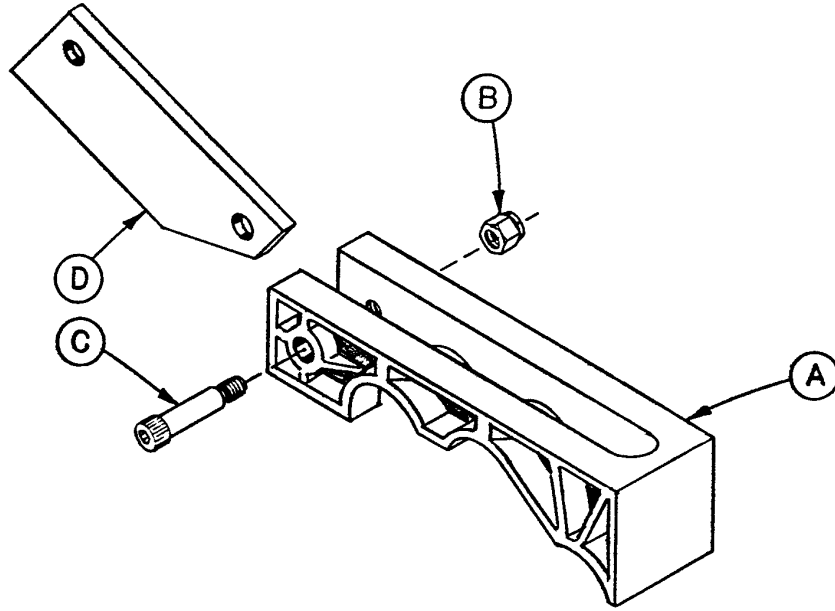


715-1-150 Brake Adjuster Assembly



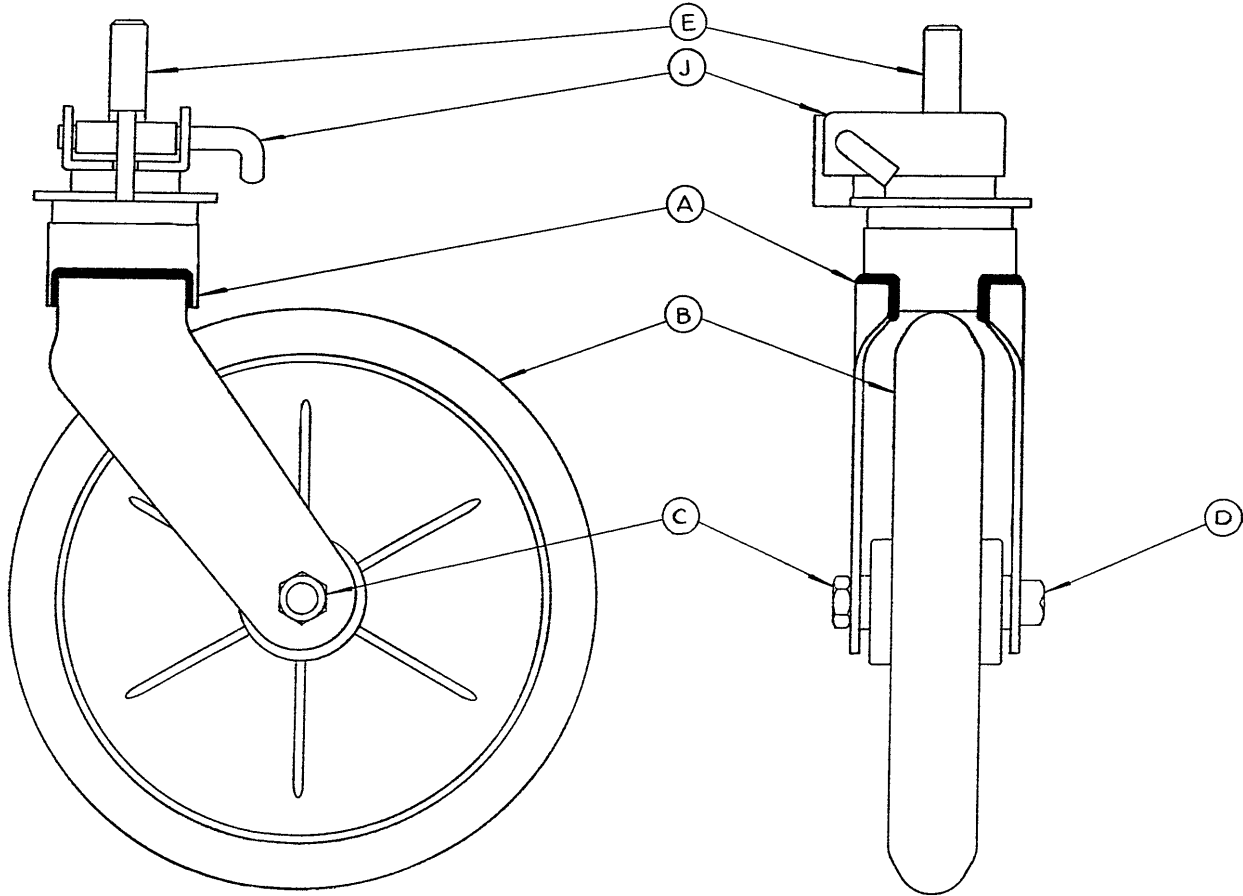
| Item | Part No. | Part Name | Qty. |
|------|-----------|------------------------|------|
| A | 715-1-62 | Threaded Stud Assembly | 1 |
| B | 14-4 | Nylon Washer | 4 |
| C | 715-1-180 | Bearing | 2 |
| D | 28-8 | Retaining Ring | 2 |

715-1-213 Brake Cam Assembly



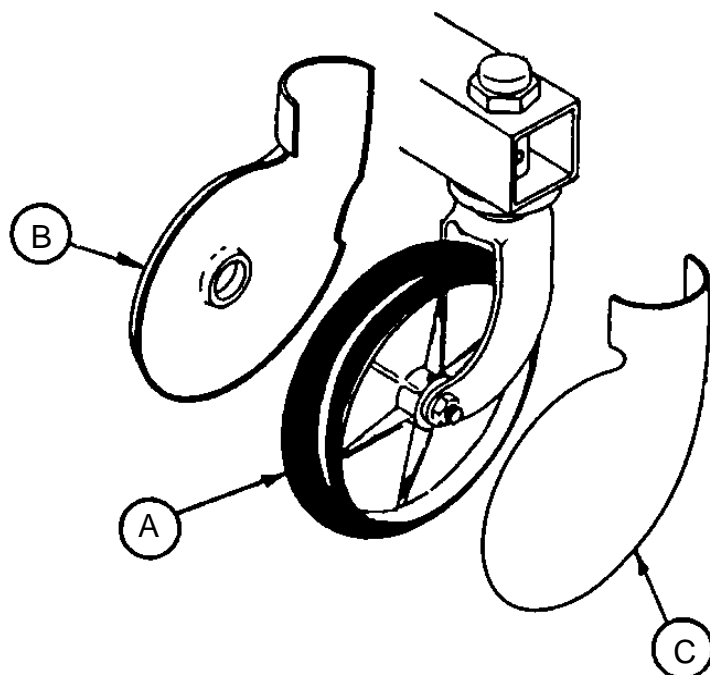
| Item | Part No. | Part Name | Qty. |
|------|-----------|-----------------------|------|
| A | 715-1-221 | Brake Cam | 1 |
| B | 16-59 | Fiberlock Nut | 1 |
| C | 8-21 | Soc. Hd. Cap Screw | 1 |
| D | 715-1-173 | Brake Connecting Link | 1 |

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 |

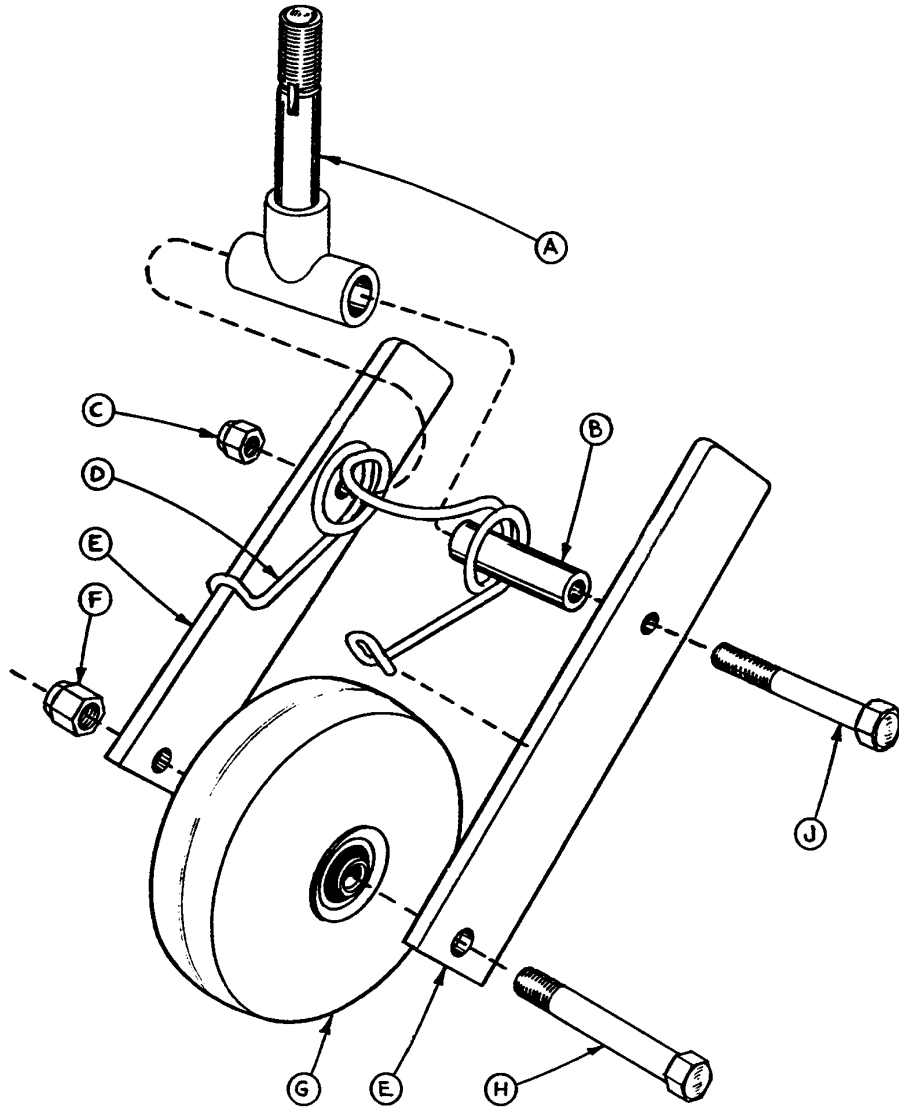
P/N 715-259-400 – Kit to replace 4 standard caster assemblies with necessary hardware – no caster covers.

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.

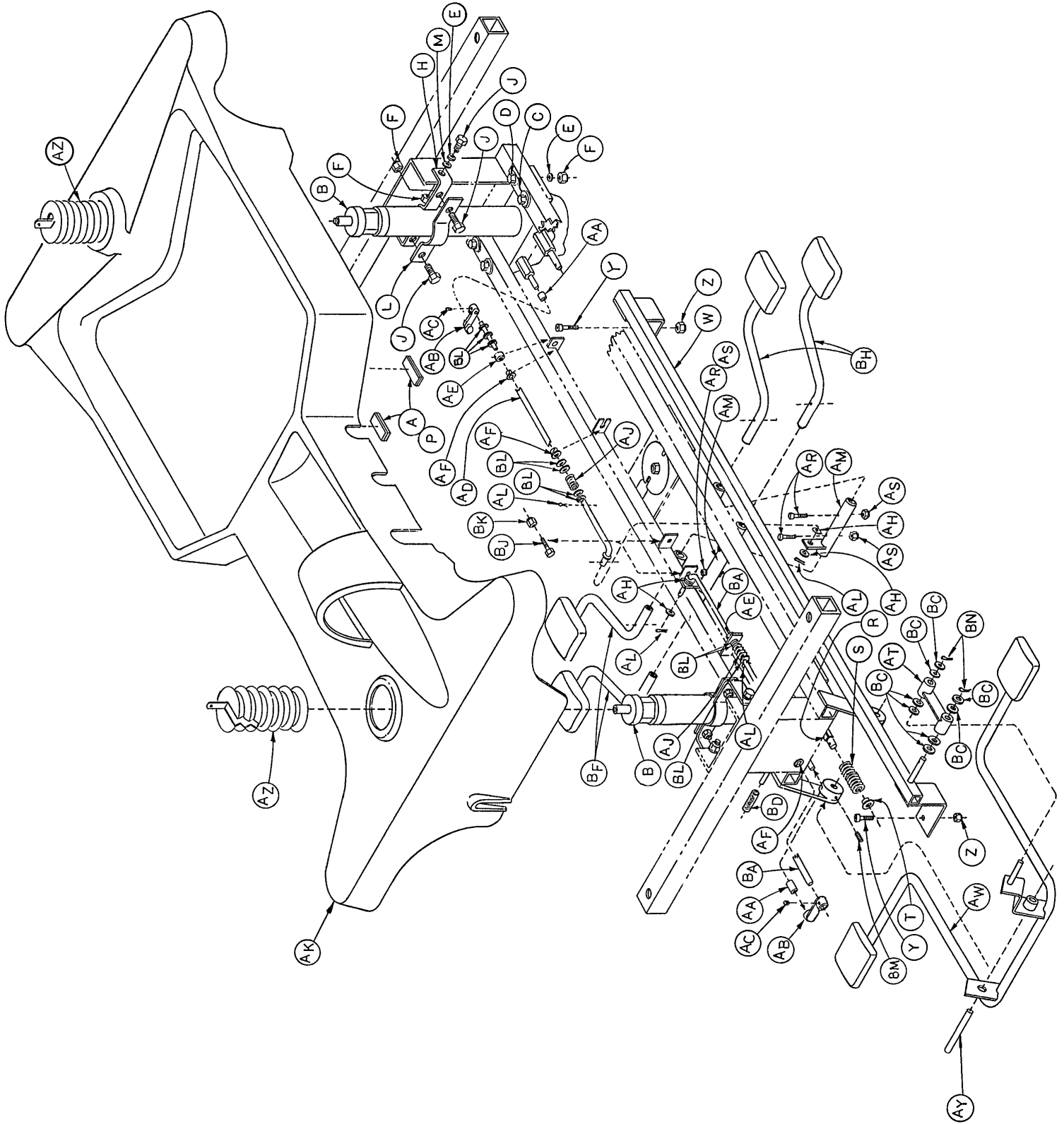
715-1-25 Fifth Wheel Assembly



| 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 |

Notes

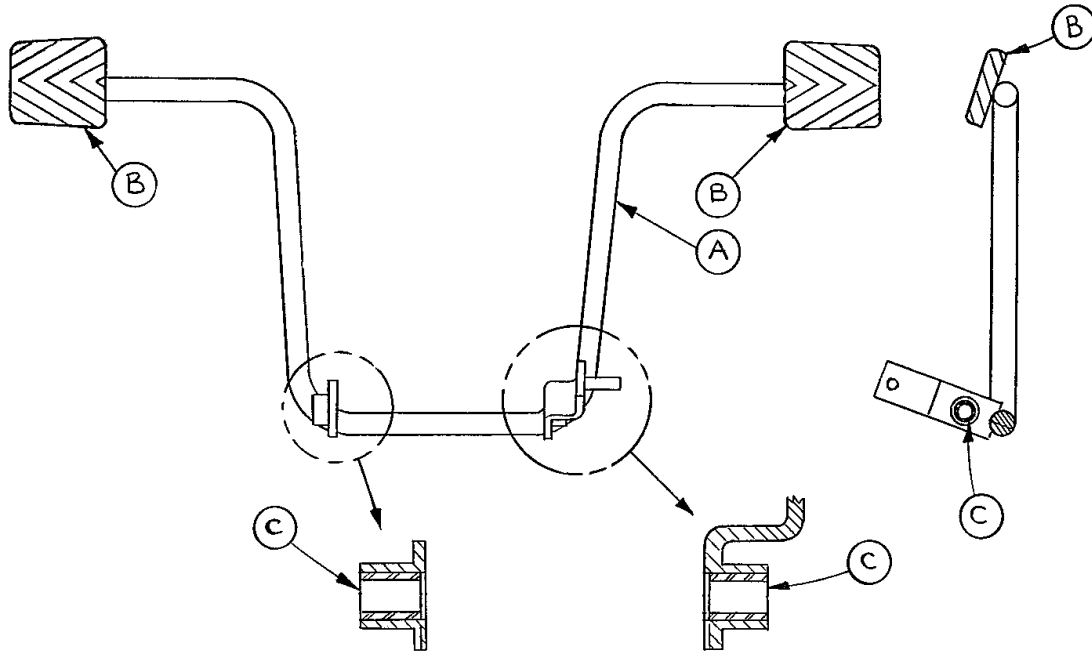
715-1-260 Side Control Base Assembly (with Jacks)



715-1-260 Side Control Base Assembly (with Jacks)

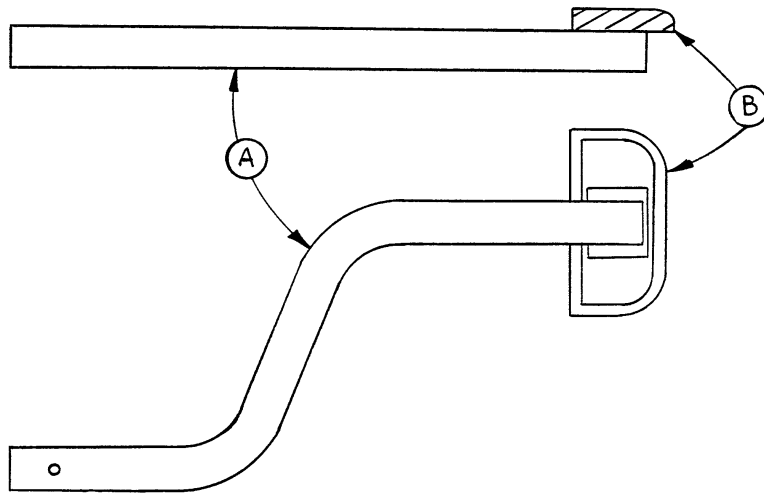
| Item | Part No. | Part Name | Qty. |
|------|-----------|-----------------------------|------|
| A | 29-7 | Dual Lock | 2 |
| B | (Page 42) | Jack Assembly | 2 |
| C | 715-1-55 | Jack Base Mounting Plate | 4 |
| D | 3-62 | Hex Hd. Cap Screw | 8 |
| E | 11-3 | Flat Washer | 12 |
| F | 16-36 | Nylock Hex Nut | 16 |
| H | 715-1-192 | Jack Support | 2 |
| J | 3-85 | Hex Hd. Cap Screw | 8 |
| L | 715-1-193 | Jack Support Clamp | 2 |
| M | 13-38 | Ext. Tooth Lock Washer | 4 |
| P | 29-9 | Dual Lock | 2 |
| R | 763-1-16 | Spring Holder | 1 |
| S | 38-246 | Jack Spring | 1 |
| T | 715-1-133 | Collar | 1 |
| W | 715-1-27 | Pump Connect. Rod Ass'y | 1 |
| Y | 4-146 | Hex Socket Hd. Cap Screw | 2 |
| Z | 16-48 | Nylock Hex Nut | 2 |
| AA | 715-1-333 | Release Rod Stop Sleeve | 2 |
| AB | 715-1-346 | Release Paddle | 2 |
| AC | 21-50 | Hex Socket Set Screw | 2 |
| AD | 715-1-40 | Release Rod Ass'y, Ft. End | 1 |
| AE | 42-13 | Shaft Collar w/ Set Screw | 2 |
| AF | 52-245 | Nyliner | 4 |
| AH | 14-4 | Nylon Washer | 4 |
| AJ | 38-234 | Compression Spring | 2 |
| AK | (Page 55) | Hood | 1 |
| AL | 27-4 | Cotter Pin | 4 |
| AM | 715-1-187 | Rel. Pedal Sleeve Ass'y | 2 |
| AR | 4-85 | Soc. Hd. Cap Screw | 4 |
| AS | 16-3 | Fiberlock Nut | 4 |
| AT | 715-1-214 | Connector Link, Mach'd | 1 |
| AW | (Page 40) | Pedal Base Assembly | 1 |
| AY | 715-1-92 | Pump Pedal Shaft | 1 |
| AZ | 715-1-134 | Bellows | 2 |
| BA | 715-1-46 | Rel. Rod Ass'y, Hd. End | 1 |
| BC | 14-9 | Nylon Washer | 8 |
| BD | 715-1-140 | Raufilam Braid Tubing | 1 |
| BF | (Page 41) | Pedal Base Ass'y, Hd. Left | 2 |
| BH | (Page 41) | Pedal Base Ass'y, Hd. Right | 2 |
| BJ | 3-3 | Hex Hd. Cap Screw | 2 |
| BK | 15-11 | Fiberlock Nut | 2 |
| BL | 11-53 | Washer | 10 |
| BM | 21-22 | Set Screw | 2 |
| BN | 27-15 | Cotter Pin | 2 |

715-1-108 Pedal Base Assembly, Pump

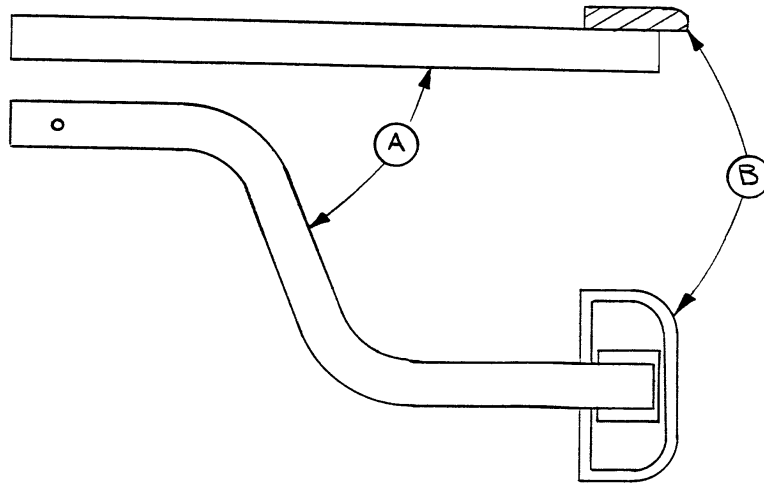


| Item | Part No. | Part Name | Qty. |
|------|-----------|---------------------------|------|
| A | 715-1-83 | Pedal Ass'y Weldm't, Pump | 1 |
| B | 715-1-126 | Side Control Pedal Pad | 2 |
| C | 81-44 | Bearing, Bronze | 2 |

715-1-109 & 110 Pedal Base Assembly, Left & Right

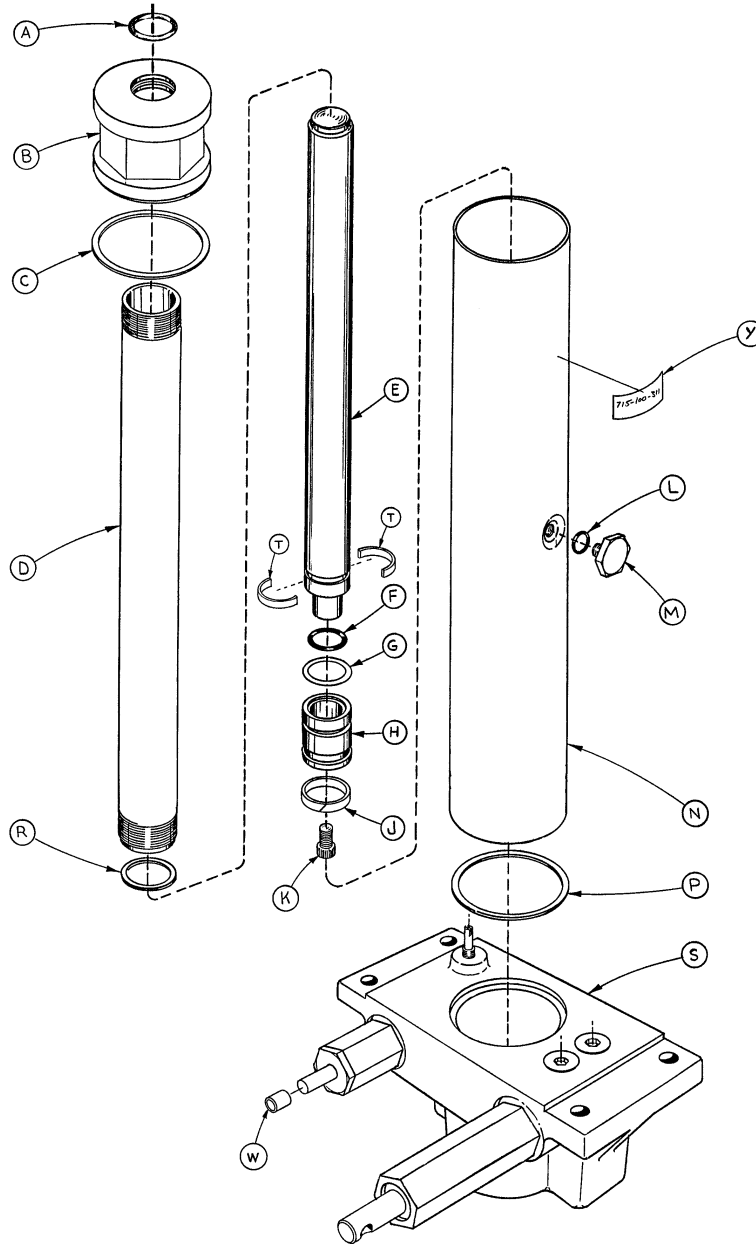


| Item | Part No. | Part Name | Qty. |
|------|-----------|------------------------------|------|
| A | 715-1-98 | Release Ped. Wldmt., Hd. Lt. | 1 |
| B | 721-40-25 | Pedal | 1 |



| Item | Part No. | Part Name | Qty. |
|------|-----------|------------------------|------|
| A | 715-1-97 | Release Pedal Weldment | 1 |
| B | 721-40-25 | Pedal | 1 |

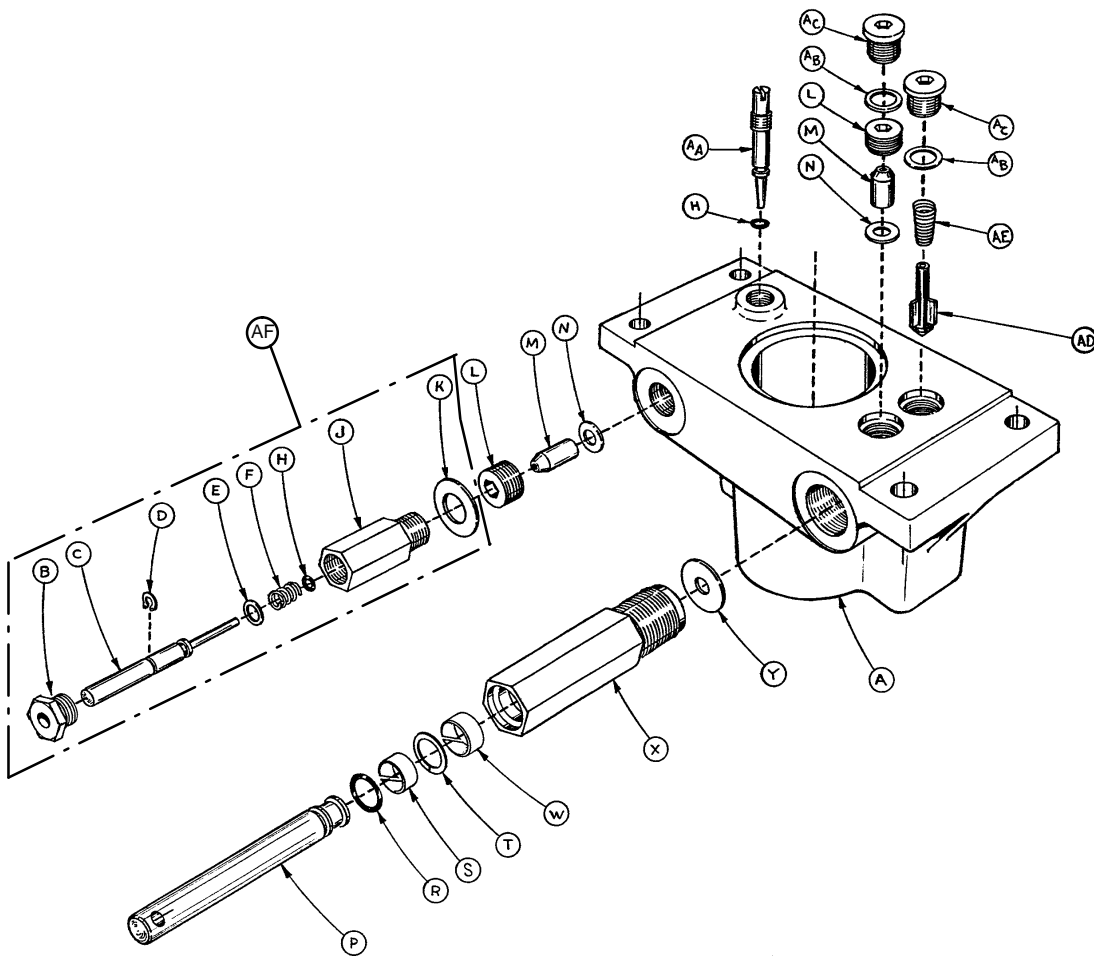
715-1-310 Jack Assembly, Non-Electric Lift Base*



| 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 43) | 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 | 715-100-311 | Label | 1 |
| K | 4-14 | Soc. Hd. Cap Screw | 1 | | | | |

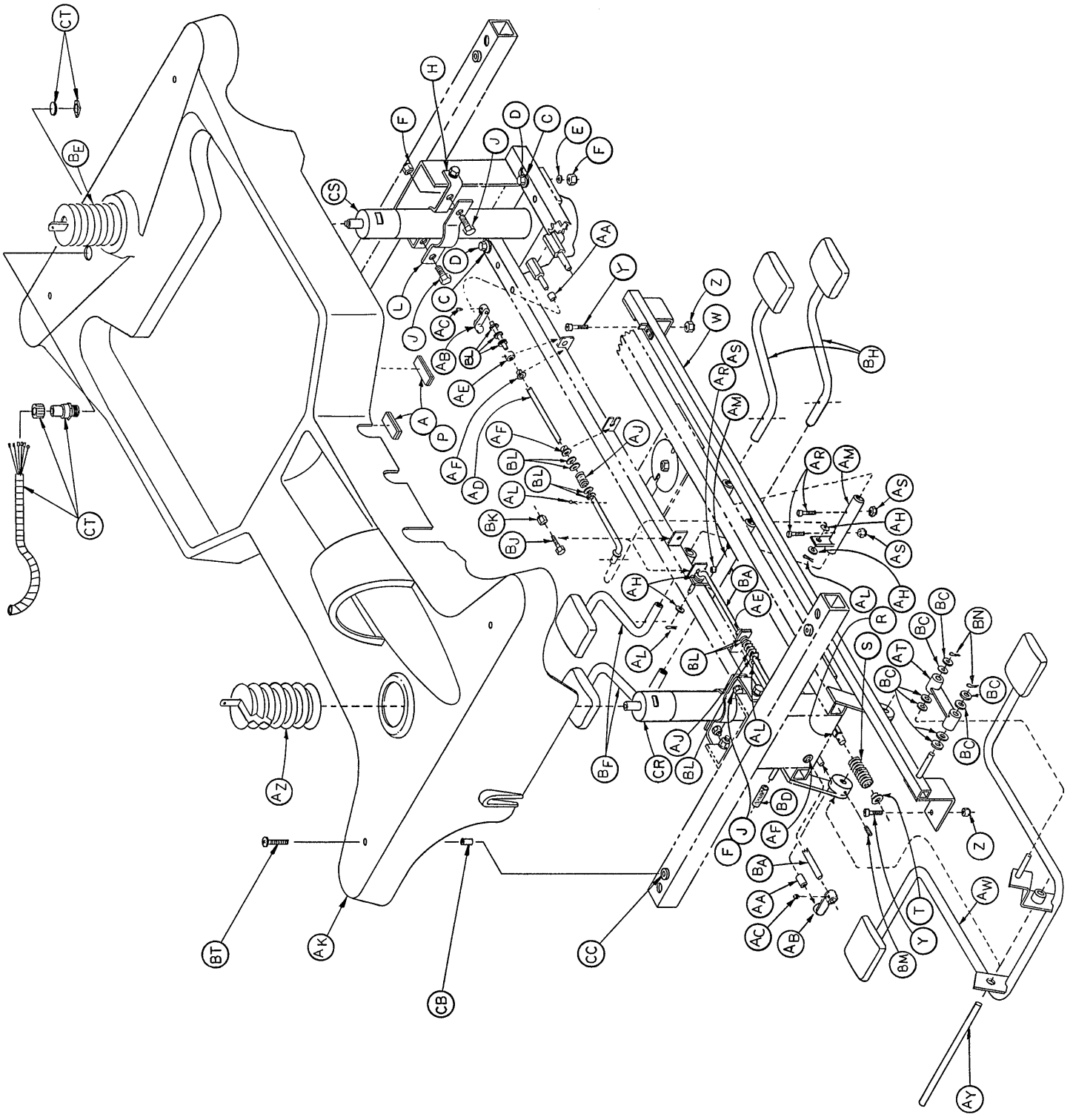
*Replacement Part Number 715-100-310.

715-1-300 Jack Base Assembly, Non-Electric Lift Base

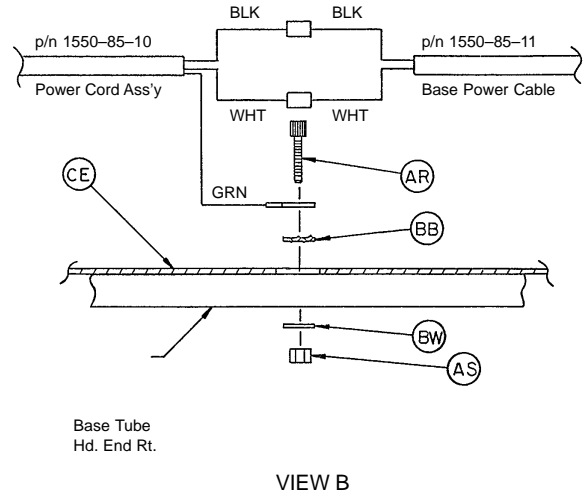
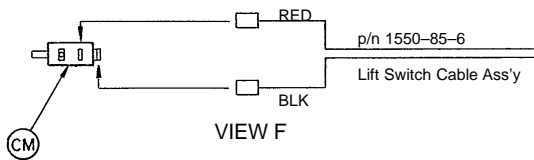
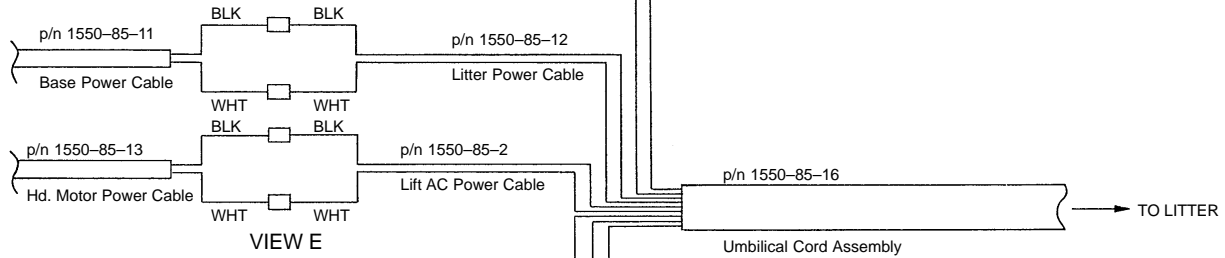
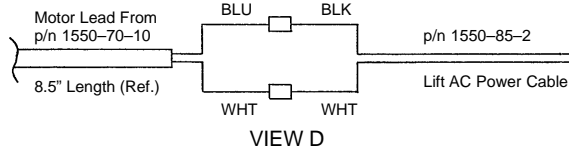
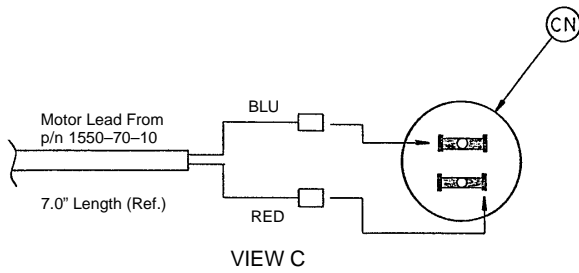
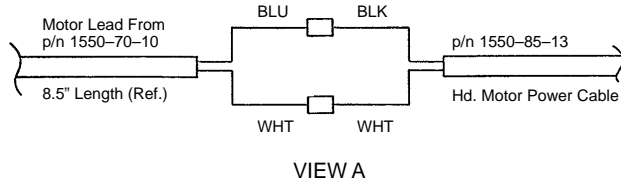


| Item | Part No. | Part Name | Qty. | Item | Part No. | Part Name | Qty. |
|------|------------|--------------------|------|------|-------------|----------------------|------|
| A | 715-1-312 | Base, Machined | 1 | R | 45-110 | O-Ring | 1 |
| B | 715-1-308 | Base Plug | 1 | S | 715-1-328 | Piston Wear Ring | 1 |
| C | 715-1-306 | Pin | 1 | T | 14-50 | Bearing Retainer | 1 |
| D | 28-8 | Snap Ring | 1 | W | 715-1-327 | Cylinder Wear Ring | 1 |
| E | 390-2-176 | Washer | 1 | X | 715-1-316 | Pump Cylinder | 1 |
| F | 38-231 | Compression Spring | 1 | Y | 715-1-329 | Pump Seal | 1 |
| H | 45-6 | O-Ring | 2 | AA | 715-1-307 | Needle Valve | 1 |
| J | 715-1-305 | Pin Housing | 1 | AB | 926-20-156 | Seal | 2 |
| K | 715-1-330 | Housing Gasket | 1 | AC | 715-1-301 | Base Plug | 2 |
| L | 715-1-309 | Valve Plug | 2 | AD | 715-1-341 | Poppet | 1 |
| M | 926-20-153 | Check Valve | 2 | AE | 390-2-134 | Conical Comp. Spring | 1 |
| N | 926-20-154 | Seal | 2 | AF | 715-100-312 | Pin Housing Assembly | 1 |
| P | 715-1-318 | Pump Piston | 1 | | | | |

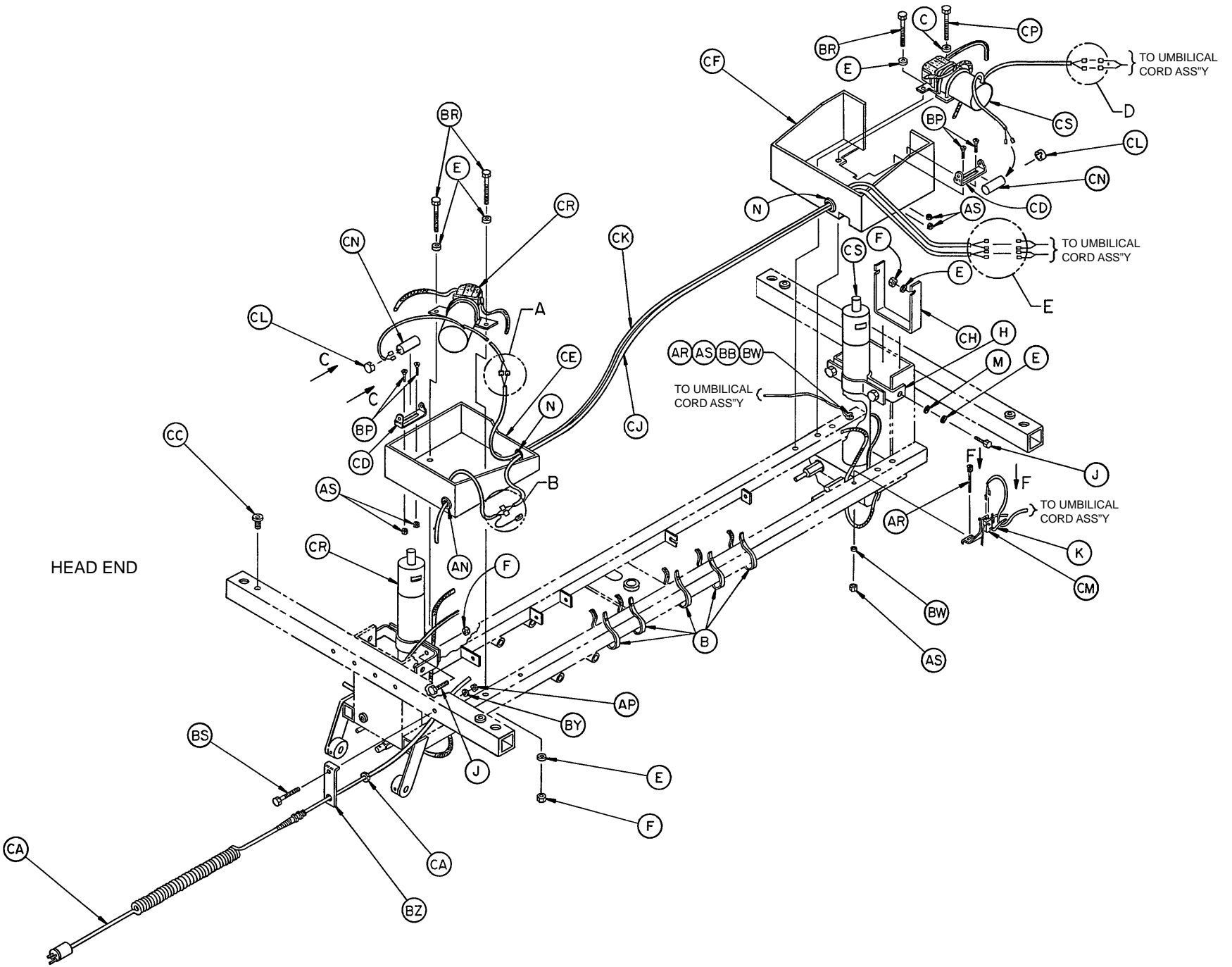
1550-70-1 Electric Lift Base Assembly (With Jacks)



1550-70-1 Electric Lift Base Assembly (With Jacks)



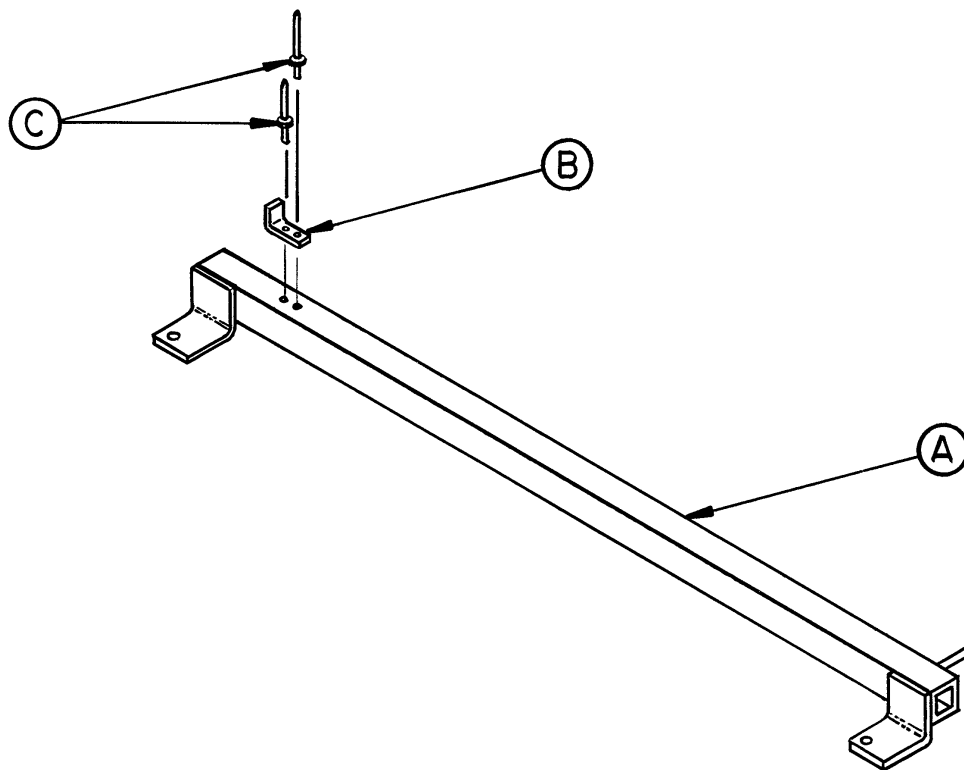
1550-70-1 Electric Lift Base Assembly (With Jacks)



1550-70-1 Electric Lift Base Assembly (With Jacks)

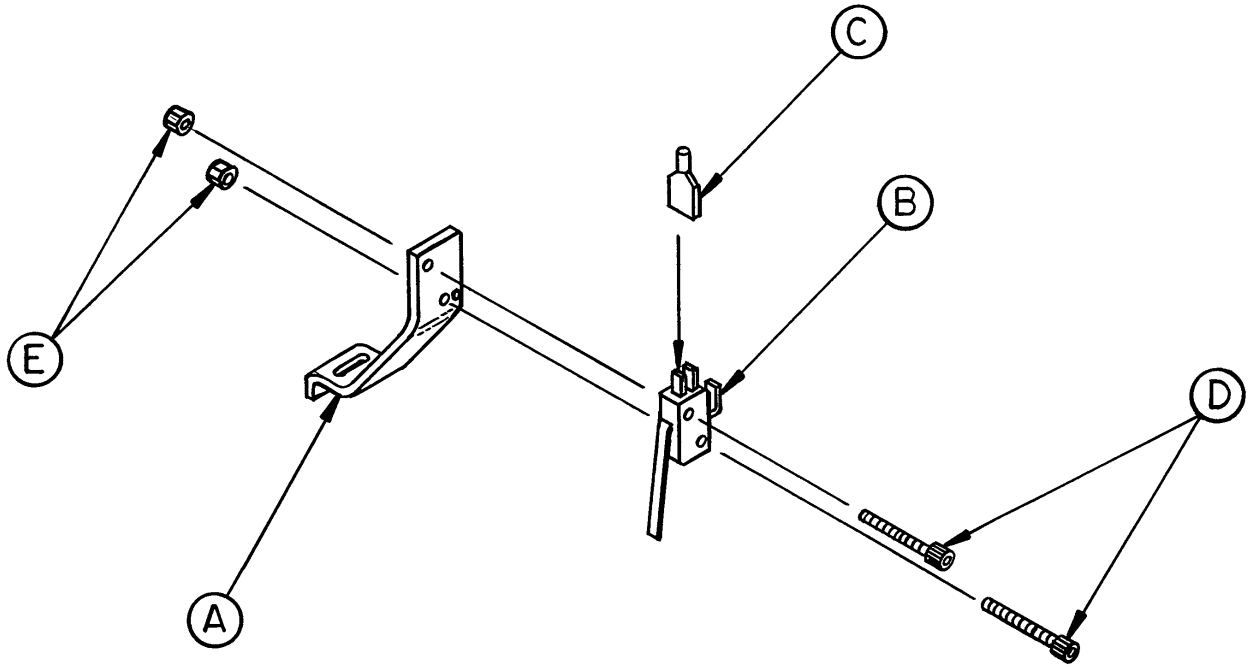
| Item | Part No. | Part Name | Qty. | Item | Part No. | Part Name | Qty. |
|------|-----------|--------------------------|------|------|------------|---------------------------|------|
| A | 29-7 | Dual Lock | 2 | AZ | 715-1-95 | Bellows, Hd. End | 1 |
| B | 59-75 | Cable Tie | 5 | BA | 715-1-46 | Release Rod Ass'y, Hd. | 1 |
| C | 11-262 | Flat Washer | 8 | BB | 13-10 | Ext. Tooth Lock Washer | 2 |
| D | 3-62 | Hex Hd. Cap Screw | 7 | BC | 14-9 | Nylon Washer | 8 |
| E | 11-3 | Flat Washer | 15 | BD | 715-1-140 | Raufilam Braid Tubing | 1 |
| F | 16-36 | Nylock Hex Nut | 19 | BE | 715-1-134 | Bellows, Ft. End | 1 |
| H | 715-1-192 | Jack Support | 2 | BF | (page 41) | Pedal Base Ass'y, Lt. | 2 |
| J | 3-85 | Hex Hd. Cap Screw | 8 | BH | (page 41) | Pedal Base Ass'y, Rt. | 2 |
| K | 59-76 | Cable Tie | 1 | BJ | 3-3 | Hex Hd. Cap Screw | 2 |
| L | 715-1-193 | Jack Support Clamp | 2 | BK | 15-11 | Hex Nut | 2 |
| M | 13-38 | Ext. Tooth Lock Washer | 4 | BL | 11-53 | Washer | 10 |
| N | 59-106 | Strain Relief | 2 | BM | 21-22 | Set Screw | 2 |
| P | 29-9 | Dual Lock | 2 | BN | 27-15 | Cotter Pin | 2 |
| R | 763-1-16 | Spring Holder | 1 | BP | 1-21 | Flat Hd. Mach. Screw | 4 |
| S | 38-246 | Jack Spring | 1 | BR | 3-68 | Hex Hd. Cap Screw | 3 |
| T | 715-1-133 | Collar | 1 | BS | 3-20 | Hex Hd. Cap Screw | 1 |
| W | (page 48) | Pump Conn. Rod Ass'y | 1 | BT | 7-35 | Truss Hd. Mach. Screw | 4 |
| Y | 4-146 | Hex Soc. Hd. Cap Screw | 2 | BW | 11-1 | Washer | 3 |
| Z | 16-48 | Nylock Hex Nut | 2 | BY | 11-65 | Washer | 1 |
| AA | 715-1-333 | Release Rod Stop Sleeve | 2 | BZ | 1550-1-9 | Power Cord Bracket | 1 |
| AB | 715-1-346 | Release Paddle, Mach. | 2 | CA | 1550-85-10 | Power Cord Assembly | 1 |
| AC | 21-50 | Hex Soc. Hd. Set Screw | 2 | CB | 52-263 | Tubular Spacer | 4 |
| AD | 715-1-40 | Release Rod Ass'y, Ft. | 1 | CC | 55-18 | Threaded Insert | 4 |
| AE | 42-13 | Shaft Collar w/Set Screw | 2 | CD | 59-80 | Capacitor Mtg. Bracket | 2 |
| AF | 52-245 | Nyliner | 4 | CE | 1550-1-20 | Pump Encl., Hd. | 1 |
| AH | 14-4 | Nylon Washer | 4 | CF | 1550-1-21 | Pump Encl., Ft. | 1 |
| AJ | 38-234 | Compression Spring | 2 | CH | 1550-1-30 | U-Channel Encl., Ft. | 1 |
| AK | 1550-1-75 | Base Hood | 1 | CJ | 1550-85-11 | Base Power Cable | 1 |
| AL | 27-4 | Cotter Pin | 4 | CK | 1550-85-13 | Hd. Motor Power Cable | 1 |
| AM | 715-1-187 | Rel. Ped. Sleeve Ass'y | 2 | CL | 59-79 | End Cap | 2 |
| AN | 59-107 | Strain Relief | 1 | CM | (page 49) | Switch Assembly | 1 |
| AP | 16-28 | Nylock Hex Nut | 1 | CN | 1550-70-9 | Capacitor | 2 |
| AR | 4-85 | Soc. Hd. Cap Screw | 7 | CP | 3-82 | Hex Hd. Cap Screw | 1 |
| AS | 16-3 | Fiberlock Nut | 7 | CR | (page 50) | Jack/Pump Mtr. Ass'y, Hd. | 1 |
| AT | 715-1-214 | Connector Link, Mach. | 1 | CS | (page 51) | Jack/Pump Mtr. Ass'y, Ft. | 1 |
| AW | (page 40) | Pedal Base Assembly | 1 | CT | 1550-85-16 | Umbilical Cord Ass'y | 1 |
| AY | 715-1-92 | Pump Pedal Shaft | 2 | | | | |

1550-1-15 Pump Connecting Rod Assembly



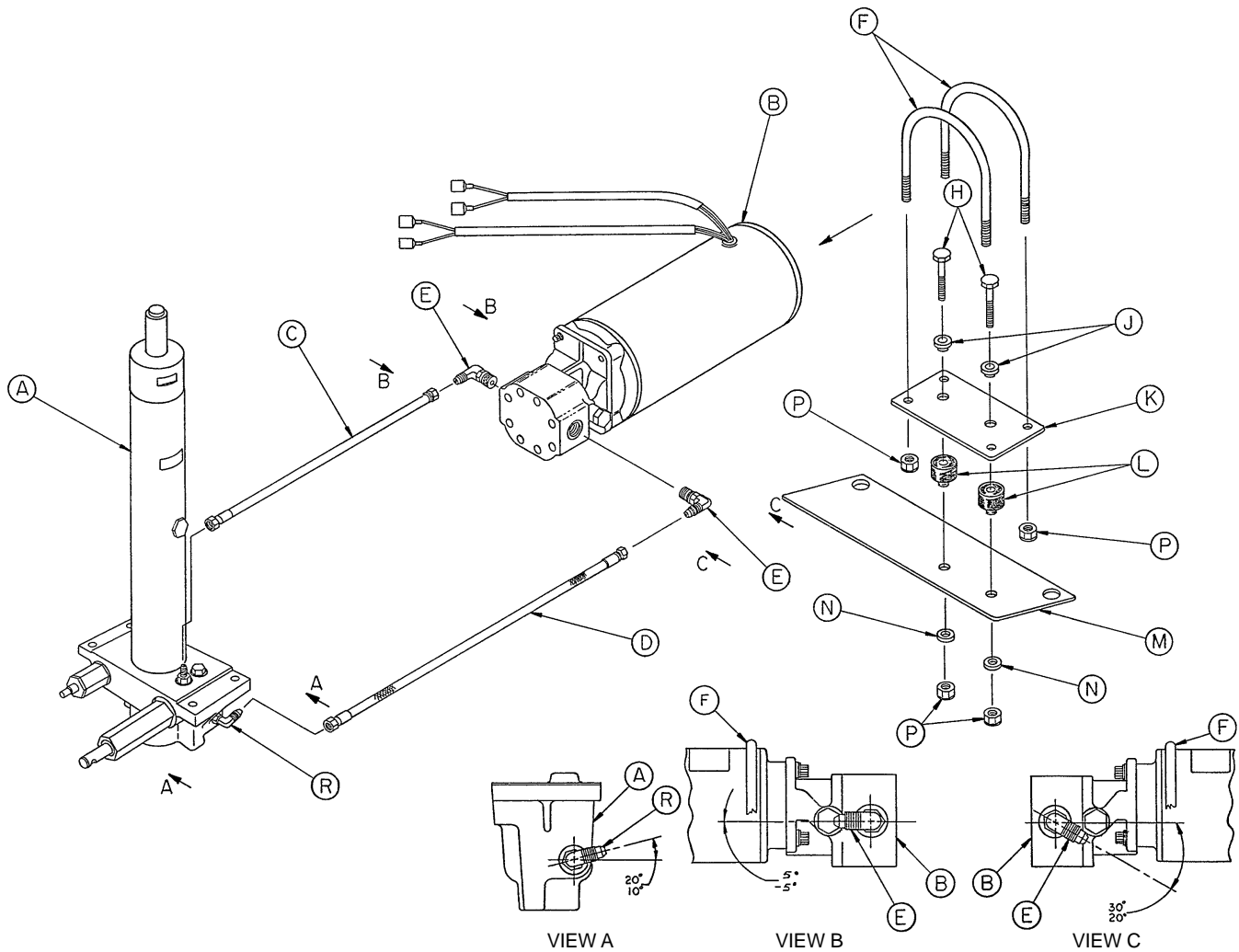
| Item | Part No. | Part Name | Qty. |
|------|----------|---------------------|------|
| A | 715-1-27 | Pump Connecting Rod | 1 |
| B | 1550-1-8 | Trigger Bracket | 1 |
| C | 25-38 | Pop Rivet | 2 |

1550-1-35 Switch Assembly



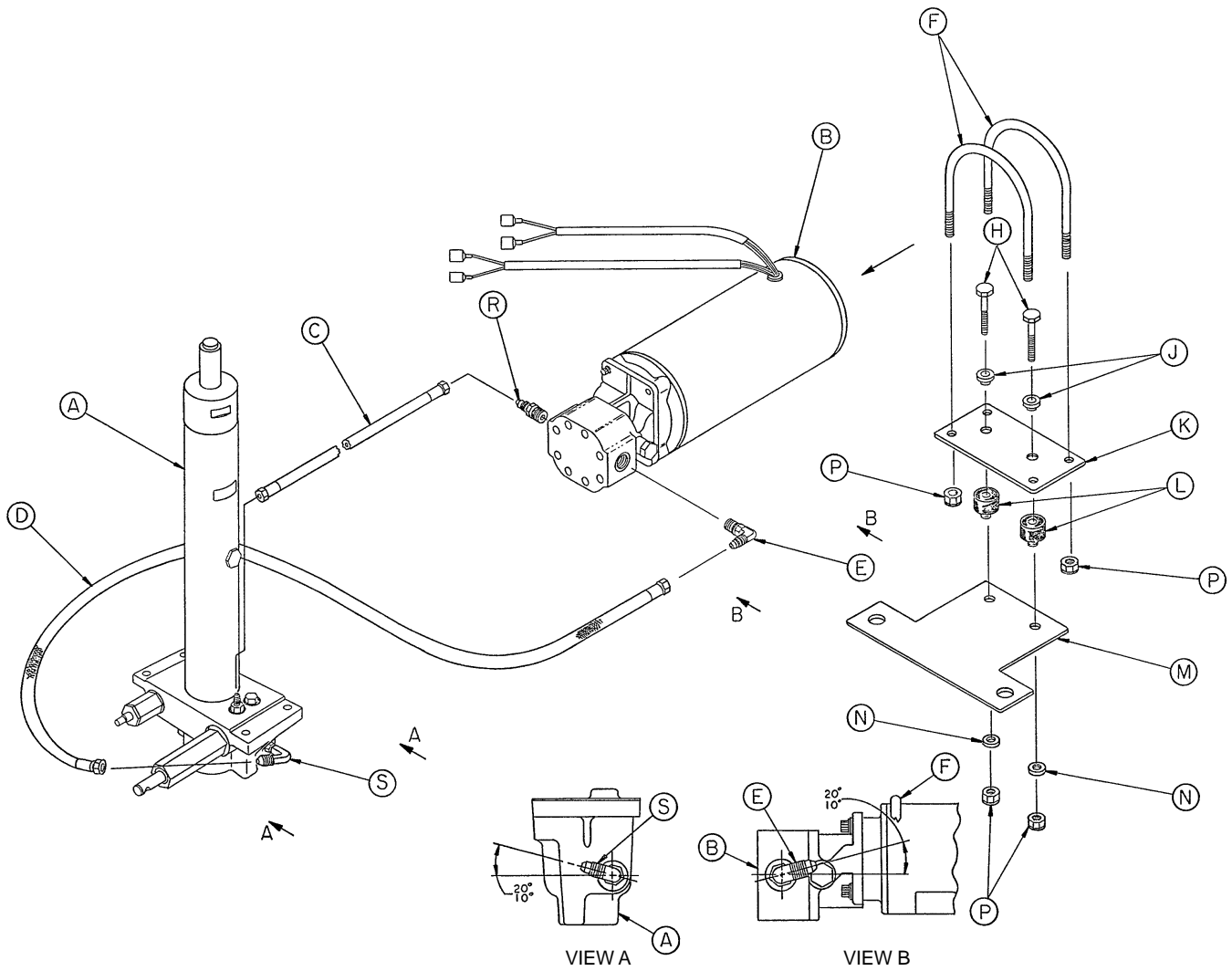
| Item | Part No. | Part Name | Qty. |
|------|----------|--------------------|------|
| A | 1550-1-7 | Bracket | 1 |
| B | 59-78 | Switch | 1 |
| C | 59-71 | Female Faston | 1 |
| D | 4-141 | Soc. Hd. Cap Screw | 2 |
| E | 16-7 | Fiberlock Nut | 2 |

1550-70-30 Jack/Pump Motor Assembly, Head End



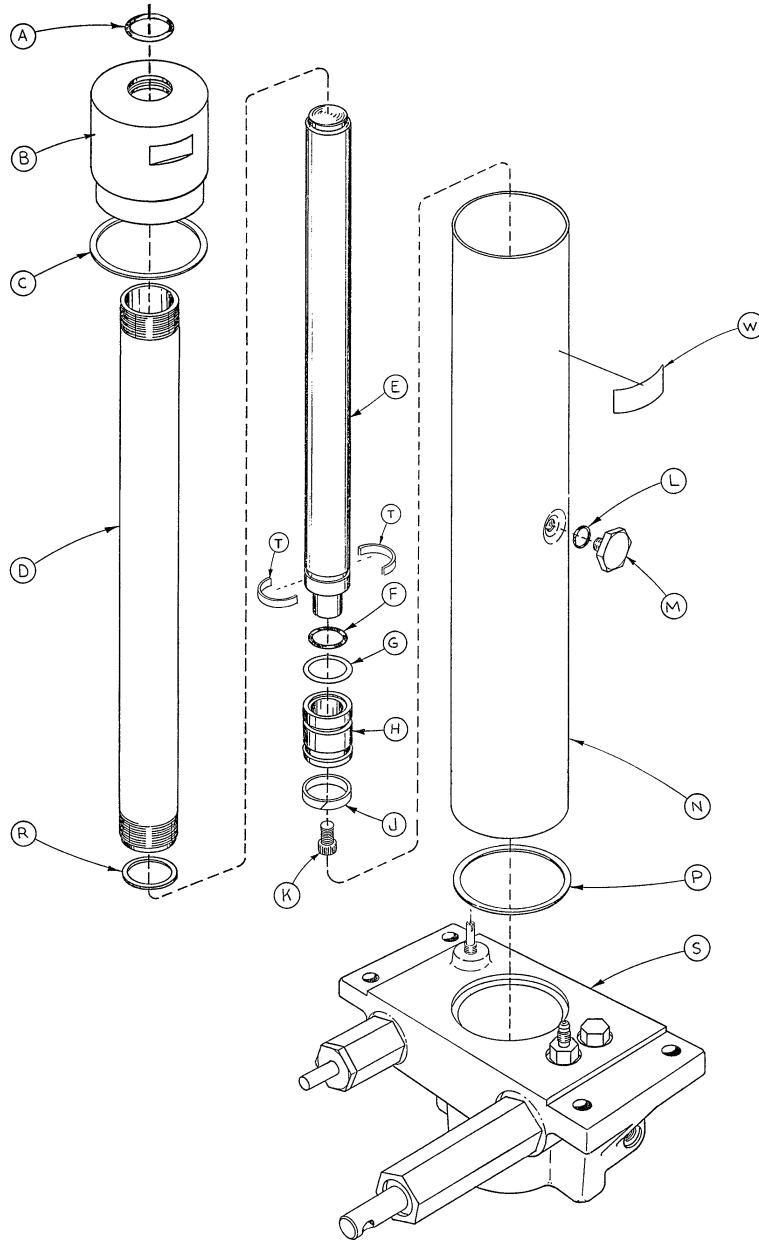
| Item | Part No. | Part Name | Qty. |
|------|------------|--------------------------|------|
| A | (page 52) | Jack Assembly | 1 |
| B | 1550-70-10 | Pump/Motor Assembly | 1 |
| C | 1550-70-2 | Pressure Line | 1 |
| D | 1550-70-3 | Return Line | 1 |
| E | 48-144 | 90° Elbow O-Ring Fitting | 2 |
| F | 1550-1-29 | U-Bolt, Pump/Motor | 2 |
| H | 3-47 | Hex Hd. Cap Screw | 2 |
| J | 52-70 | Nylon Shoulder Washer | 2 |
| K | 1550-1-28 | U-Bracket Mount | 1 |
| L | 1550-1-22 | Pump Mount Stand-Off | 2 |
| M | 1550-1-26 | Pump Bracket, Hd. End | 1 |
| N | 11-224 | Nylon Washer | 2 |
| P | 16-28 | Fiberlock Hex Nut | 6 |
| R | 48-146 | 90° Elbow O-Ring Fitting | 1 |

1550-70-35 Jack/ Pump Motor Assembly, Foot End



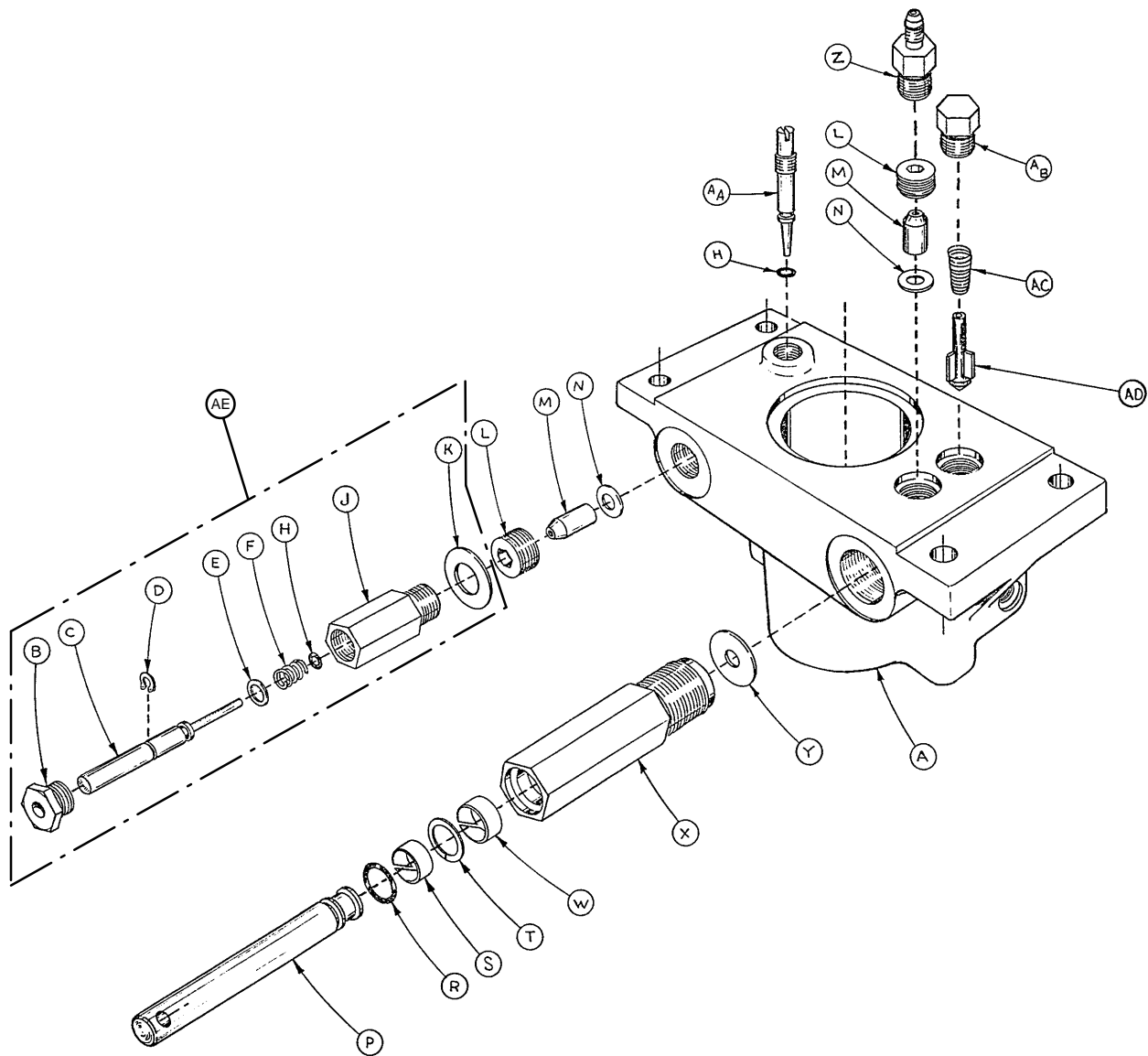
| Item | Part No. | Part Name | Qty. |
|------|------------|--------------------------|------|
| A | (page 52) | Jack Assembly | 1 |
| B | 1550-70-10 | Pump/Motor Assembly | 1 |
| C | 1550-70-2 | Pressure Line | 1 |
| D | 1550-70-3 | Return Line | 1 |
| E | 48-144 | 90° Elbow O-Ring Fitting | 1 |
| F | 1550-1-29 | U-Bolt, Pump/Motor | 2 |
| H | 3-47 | Hex Hd. Cap Screw | 2 |
| J | 52-70 | Nylon Shoulder Washer | 2 |
| K | 1550-1-28 | U-Bracket Mount | 1 |
| L | 1550-1-22 | Pump Mount Stand-Off | 2 |
| M | 1550-1-27 | Pump Bracket, Ft. End | 1 |
| N | 11-224 | Nylon Washer | 2 |
| P | 16-28 | Fiberlock Hex Nut | 6 |
| R | 48-145 | Straight O-Ring Fitting | 1 |
| S | 48-146 | 90° Elbow O-Ring Fitting | 1 |

1550-70-25 Jack Assembly, Electric Lift Base



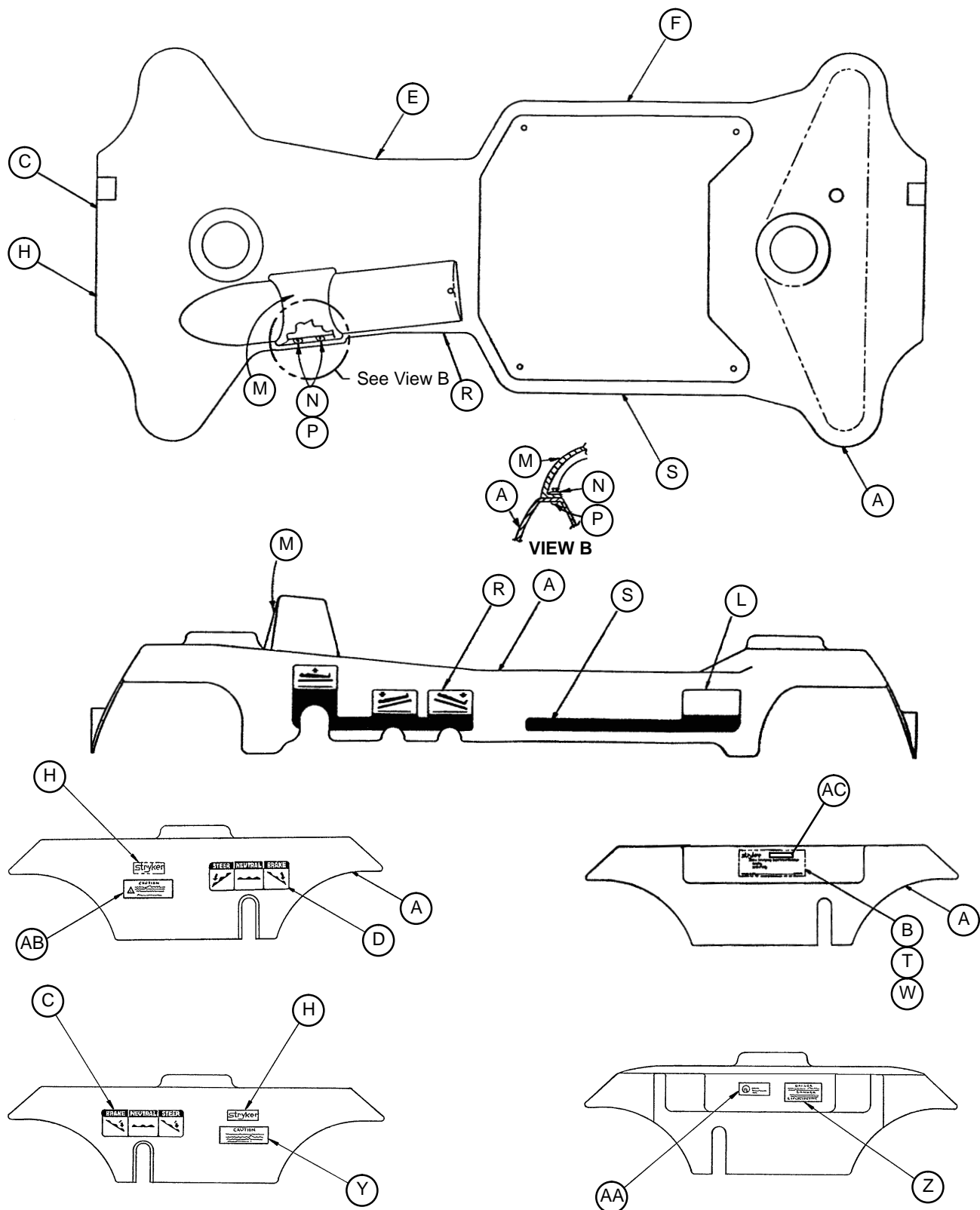
| Item | Part No. | Part Name | Qty. | Item | Part No. | Part Name | Qty. |
|------|------------|-------------------|------|------|------------|--------------------|------|
| A | 45-904 | O-Ring | 1 | K | 4-14 | Soc. Hd. Cap Screw | 1 |
| B | 1550-70-6 | Cap Assembly | 1 | L | 45-110 | O-Ring | 1 |
| C | 390-1-243 | Gasket | 1 | M | 388-1-38 | Plug | 1 |
| D | 1550-70-4 | Actuator Cylinder | 1 | N | 715-1-322 | Reservoir | 1 |
| E | 715-1-325 | Actuator | 1 | P | 390-1-244 | Gasket | 1 |
| F | 45-14 | O-Ring | 1 | R | 390-1-238 | Gasket, Actuator | 1 |
| G | 926-20-161 | Parker Packing | 1 | S | (page 53) | Jack Base Assembly | 1 |
| H | 715-1-331 | Piston End | 1 | T | 390-2-139 | Retaining Collar | 2 |
| J | 926-20-162 | Wear Ring | 1 | W | 1550-90-11 | Label | 1 |

1550-70-15 Jack Base Assembly, Electric Lift Base



| Item | Part No. | Part Name | Qty. | Item | Part No. | Part Name | Qty. |
|------|------------|--------------------|------|------|-------------|-------------------------|------|
| A | 1550-70-12 | Base, Machined | 1 | P | 715-1-318 | Pump Piston | 1 |
| B | 715-1-308 | Base Plug | 1 | R | 45-110 | O-Ring | 1 |
| C | 715-1-306 | Pin | 1 | S | 715-1-328 | Piston Wear Ring | 1 |
| D | 28-8 | Snap Ring | 1 | T | 14-50 | Bearing Retainer | 1 |
| E | 390-2-176 | Washer | 1 | W | 715-1-327 | Cylinder Wear Ring | 1 |
| F | 38-231 | Compression Spring | 1 | X | 715-1-316 | Pump Cylinder | 1 |
| H | 45-6 | O-Ring | 2 | Y | 715-1-329 | Pump Seal | 1 |
| J | 715-1-305 | Pin Housing | 1 | Z | 48-145 | Straight O-Ring Fitting | 1 |
| K | 715-1-330 | Housing Gasket | 1 | AA | 715-1-307 | Needle Valve | 1 |
| L | 715-1-309 | Valve Plug | 2 | AB | 48-147 | Hex Hd. O-Ring Plug | 1 |
| M | 926-20-153 | Check Valve | 2 | AC | 390-2-134 | Conical Comp. Spring | 1 |
| N | 926-20-154 | Seal | 2 | AD | 715-1-341 | Poppet | 1 |
| | | | | AE | 715-100-312 | Pin Housing Assembly | 1 |

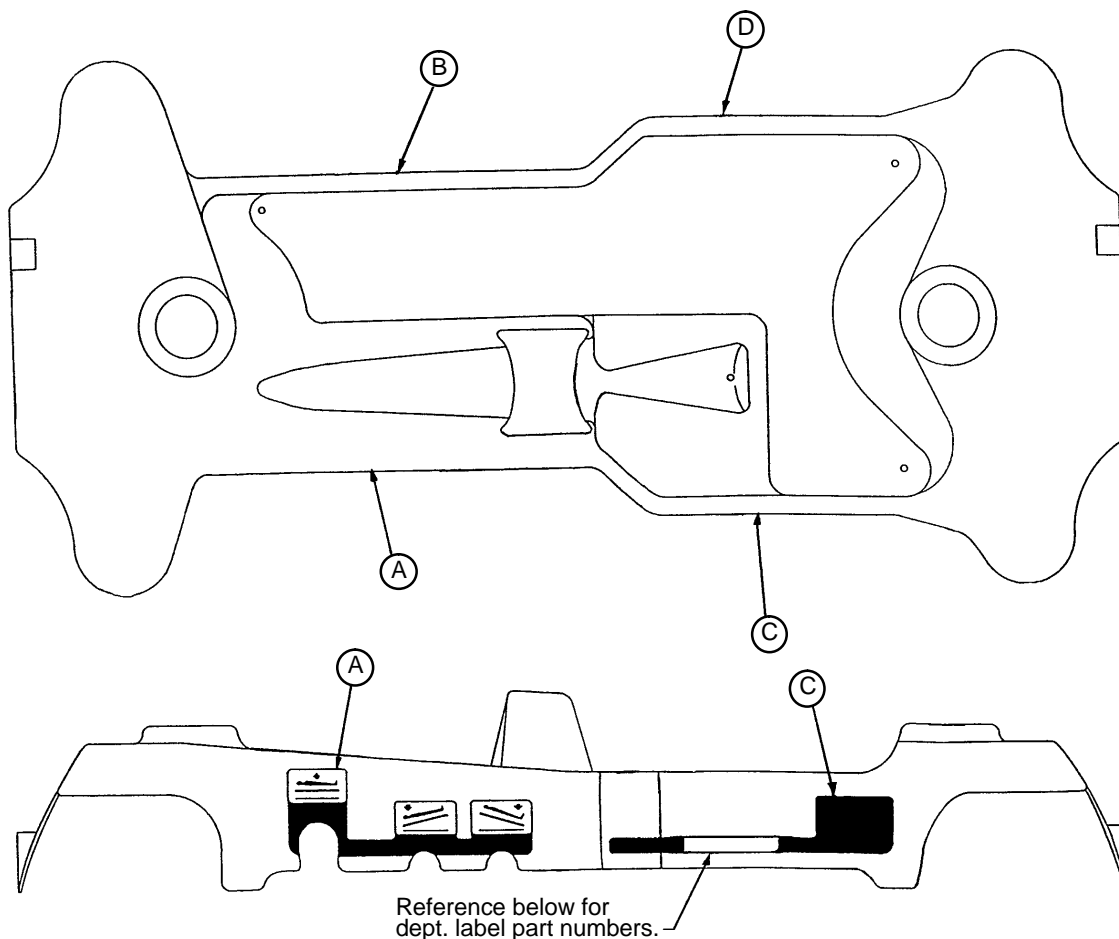
Base Hood Labeling Assembly



Base Hood Labeling Assembly

| Item | Part No. | Part Name | Qty. |
|-------------|-----------------|--------------------------------|-------------|
| A | 1550-1-75 | Hood Assembly | 1 |
| B | 1550-90-2 | Specification Label | 1 |
| C | 741-1-145 | Brake/Steer Label, Head | 1 |
| D | 741-1-146 | Brake/Steer Label, Foot | 1 |
| E | 1550-90-7 | Control Label, Left (Teal) | 1 |
| F | 1550-90-8 | Side Strip Label, Left (Teal) | 1 |
| H | 946-1-60 | Stryker Logo Label | 2 |
| L | 1550-90-3 | Synergy Series Label | 2 |
| M | 715-1-176 | Oxygen Bottle Retainer | 1 |
| N | 11-16 | Flat Washer | 2 |
| P | 25-88 | Pop Rivet | 2 |
| R | 1550-90-9 | Control Label, Right (Teal) | 1 |
| S | 1550-90-10 | Side Strip Label, Right (Teal) | 1 |
| T | 921-1-252 | Serial Number Tag | 1 |
| W | 982-1-24 | Date Label | 1 |
| Y | 1550-90-1 | Caution Label | 1 |
| Z | 1550-90-18 | Danger Label | 1 |
| AA | 1550-90-19 | UL Label | 1 |
| AB | 1550-90-13 | Caution Label | 1 |
| AC | 1030-1-61 | CSA Label | 1 |

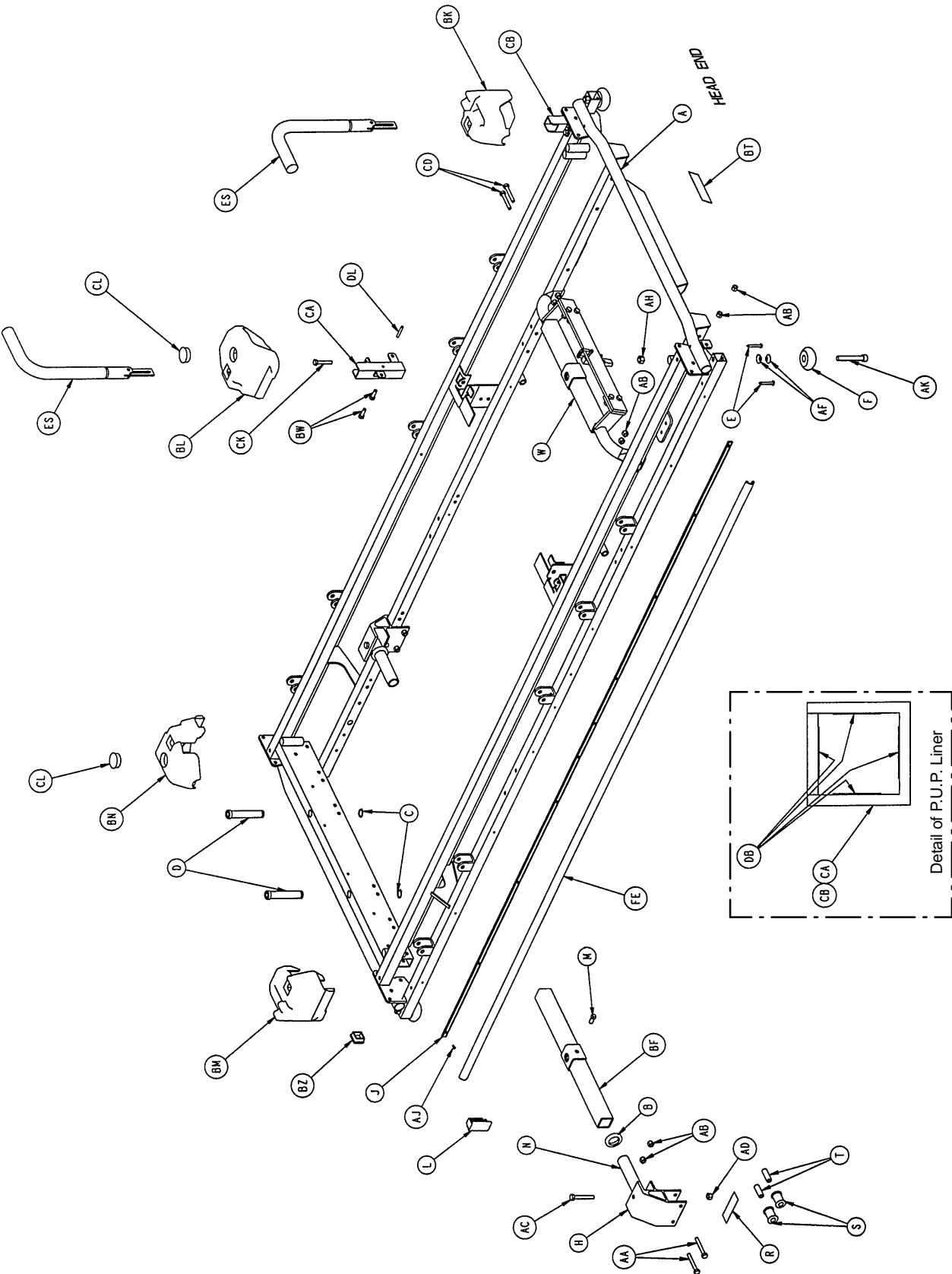
Side Control Graphics



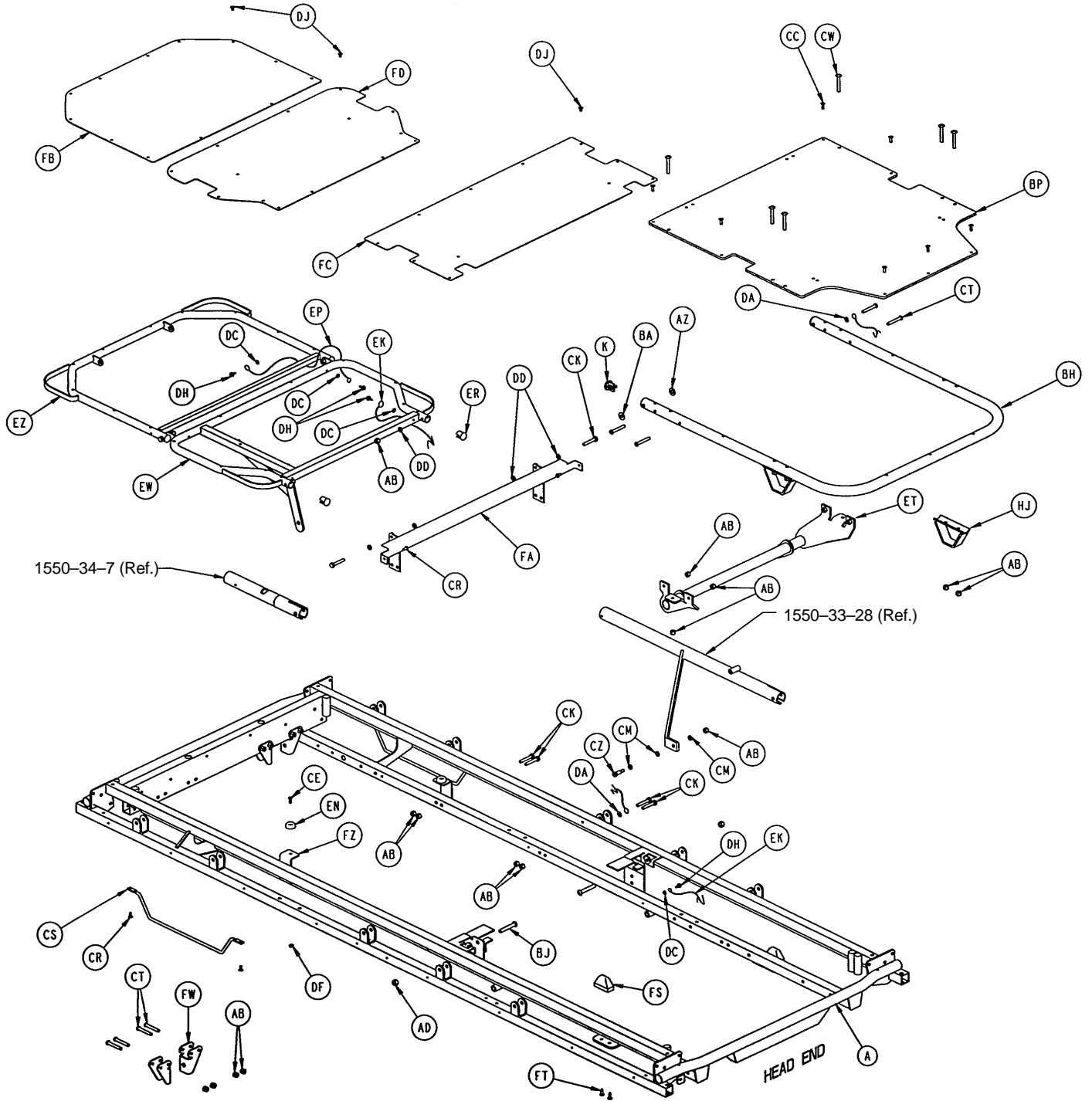
| Color | Item A Control Label, Right | Item B Control Label, Left | Item C Stripe Label, Right | Item D Stripe Label, Left | Litter Bumper |
|--------|-----------------------------|----------------------------|----------------------------|---------------------------|---------------|
| RED | 1010-700-11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

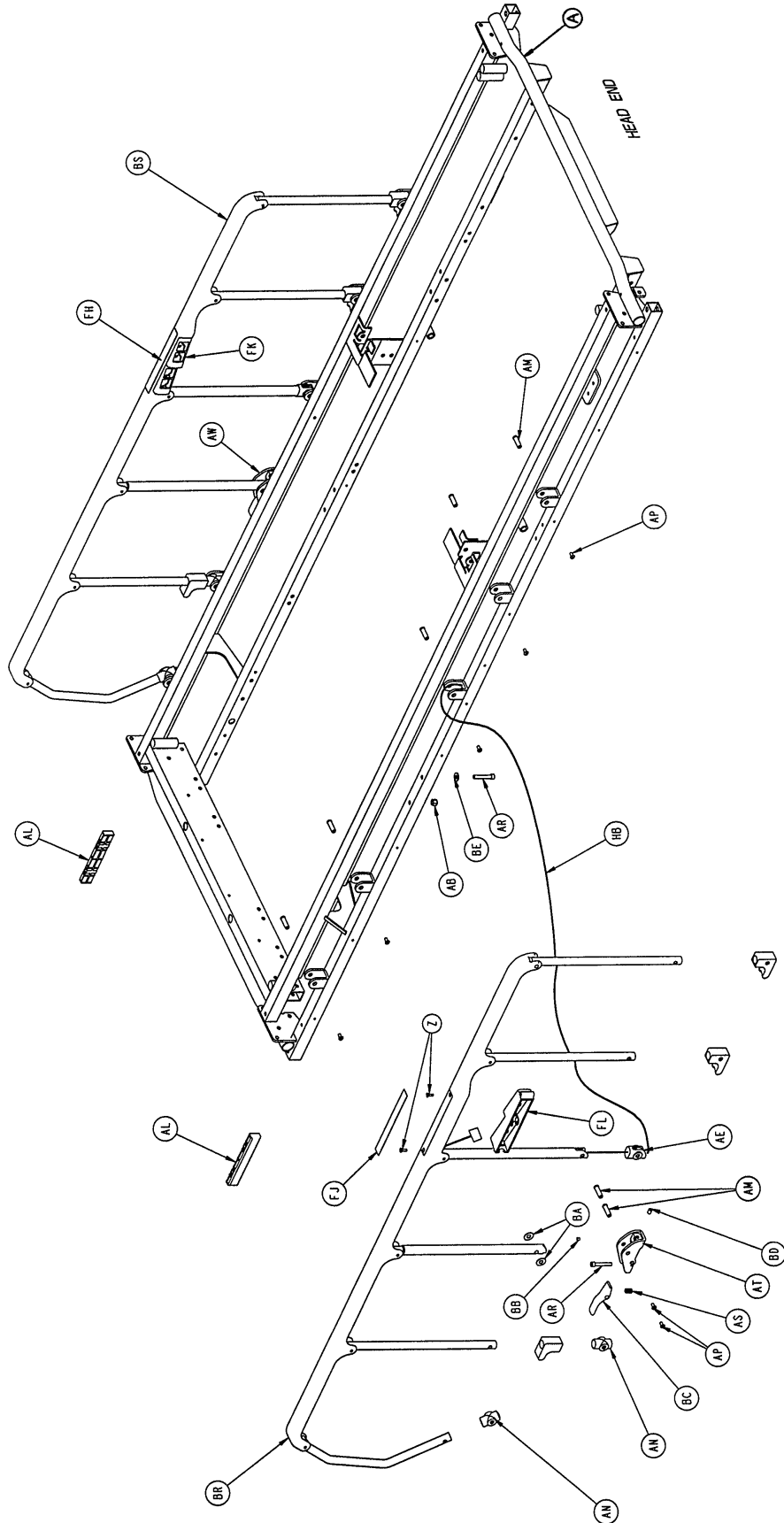
1550-30-10 Litter Assembly



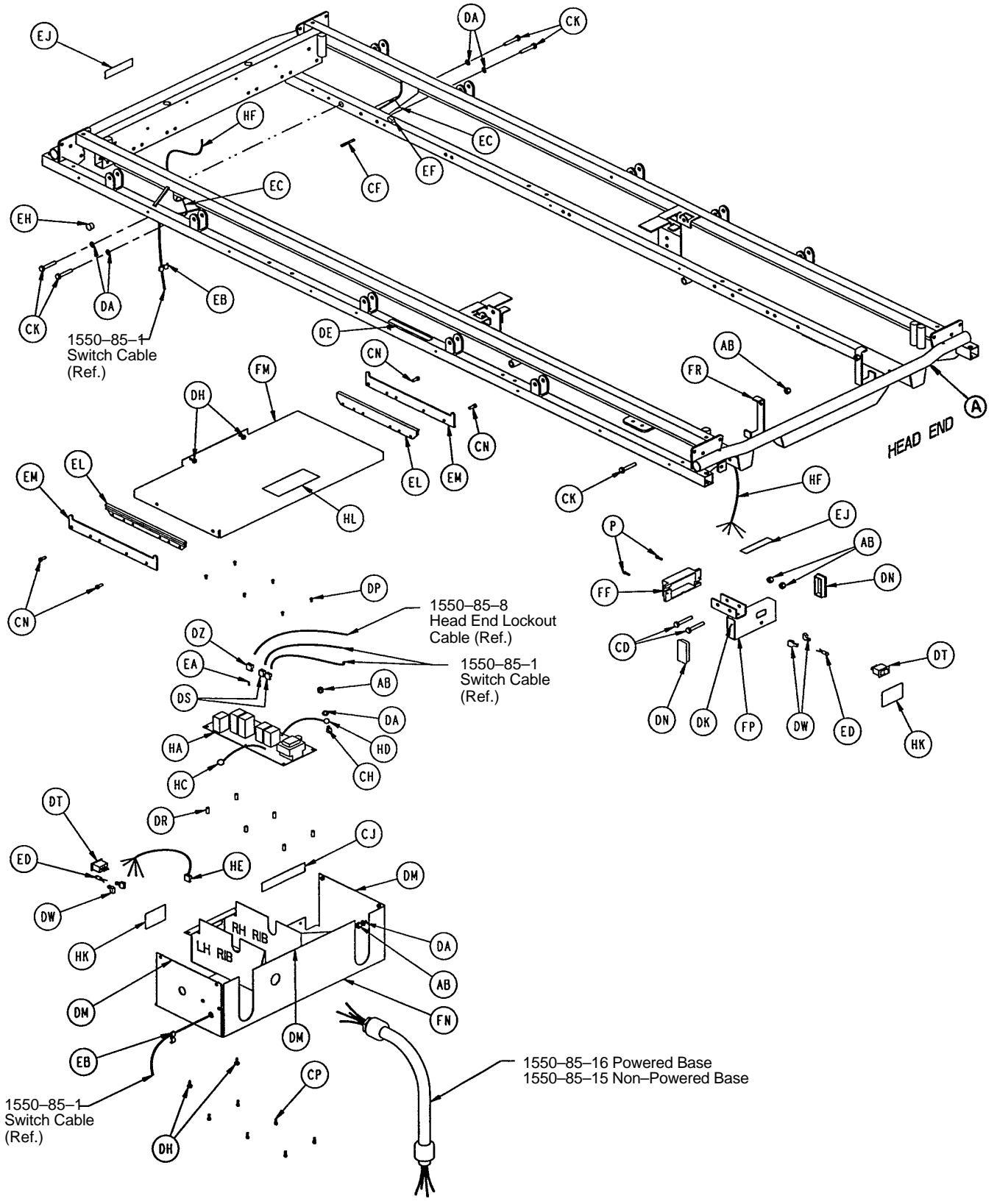
1550-30-10 Litter Assembly



1550-30-10 Litter Assembly



1550-30-10 Litter Assembly



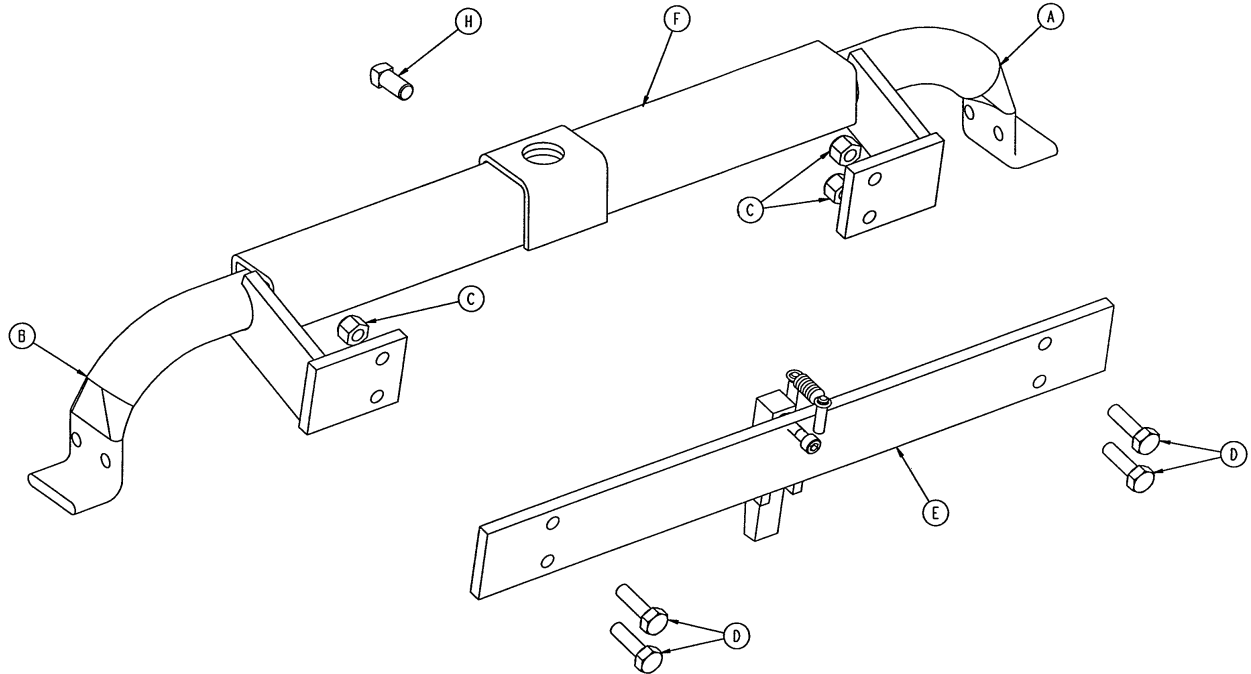
1550-30-10 Litter Assembly

| Item | Part No. | Part Name | Qty. | Item | Part No. | Part Name | Qty. |
|------|--------------|---------------------------|------|------|-------------|---------------------------|------|
| A | 1550-30-5 | Frame Assembly | 1 | CH | 3-41 | Hex Hd. Cap Screw | 2 |
| B | 938-1-401 | Collar | 2 | CJ | 1550-90-14 | Litter Fuse Label | 1 |
| C | 28-23 | Retaining Ring | 2 | CK | 3-47 | Hex Hd. Cap Screw | 20 |
| D | 1001-40-12 | Foot Board Receptacle | 2 | CL | 37-59 | Hole Plug | 2 |
| E | 23-104 | Self-Tapping Screw | 8 | CM | 14-3 | Washer | 3 |
| F | 926-400-42 | Corner Wheel | 4 | CN | 4-32 | Soc. Hd. Cap Screw | 4 |
| H | 1001-32-19 | Wheel Housing | 2 | CP | 4-101 | Soc. Hd. Cap Screw | 6 |
| J | 1010-201-27 | Bumper Extrusion | 2 | CR | 25-79 | Pop Rivet | 6 |
| K | 1001-1-36 | End Plug | 2 | CS | 1010-32-92 | Foley Bag Rack | 2 |
| L | 1001-1-41 | Tube Plug | 2 | CT | 4-173 | But. Hd. Cap Screw | 12 |
| M | 46-1 | Sq. Hd. Set Screw | 1 | CW | 7-20 | Truss Hd. Mach. Screw | 6 |
| N | 1010-32-64 | Carrier Tube, Std. | 2 | CZ | 8-15 | Shoulder Bolt | 1 |
| P | 4-100 | Soc. Hd. Cap Screw | 2 | DA | 13-10 | Ext. Tooth Lock Washer | 12 |
| R | 919-30-28 | Rack Guide | 2 | DB | 1010-254-16 | P.U.P. Liner | 8 |
| S | 1010-201-50 | Support Roller | 4 | DC | 13-18 | Ext. Tooth Lock Washer | 4 |
| T | 721-32-107 | Roller Sleeve | 4 | DD | 14-2 | Washer | 12 |
| W | (page 62) | Jack Supt./Trend. Limiter | 1 | DE | 1550-90-15 | Caution Label | 2 |
| Z | 1-110 | Flat Hd. Screw | 4 | DF | 16-14 | Nylock Nut | 2 |
| AA | 3-76 | Hex Soc. Hd. Screw | 4 | DH | 23-25 | Hex Hd. Tap. Screw | 8 |
| AB | 16-28 | Nylock Nut | 56 | DJ | 25-122 | Pop Rivet | 35 |
| AC | 3-40 | Hex Hd. Cap Screw | 2 | DK | 16-23 | Lock Nut | 2 |
| AD | 16-11 | Flexlock Nut | 4 | DL | 26-12 | Roll Pin | 2 |
| AE | 1550-26-18 | Oval Sleeve | 2 | DM | 30-33 | Grommet Edging | 2.7' |
| AF | 38-282 | Disc Spring | 8 | DN | 37-49 | Hole Plug | 2 |
| AH | 16-35 | Nylock Nut | 4 | DP | 52-89 | Fil. Slotted Nylon Screw | 6 |
| AJ | 25-38 | Pop Rivet | 20 | DR | 52-91 | Female Spacer | 6 |
| AK | 4-201 | Soc. Hd. Cap Screw | 4 | DS | 59-54 | 5- Pin Housing | 2 |
| AL | 1550-26-24 | Lock Support | 2 | DT | 59-68 | Rocker Switch | 2 |
| AM | 721-26-66 | Pivot Screw | 14 | DW | 59-69 | Terminal Faston | 4 |
| AN | 721-26-69 | Upright Sleeve | 4 | DZ | 59-70 | 6-Pin Housing | 1 |
| AP | 4-136 | But. Hd. Cap Screw | 14 | EA | 59-72 | Nylon Key Plug | 1 |
| AR | 4-135 | But. Hd. Cap Screw | 4 | EB | 59-74 | Strain Relief Bushing | 4 |
| AS | 38-220 | Compression Spring | 2 | EC | 59-76 | Nylon Cable Tie | 2 |
| AT | 1010-26-81 | Lock Hsg. Ass'y, Lt. | 1 | ED | 59-77 | Yellow LED | 2 |
| AW | 1010-26-80 | Lock Hsg. Ass'y, Rt. | 1 | EF | 36-46 | Ground Label | 1 |
| AZ | 14-21 | Nylon Flat Washer | 2 | EH | 59-100 | Dome Plug | 2 |
| BA | 11-179 | Nylon Flat Washer | 6 | EJ | 1550-90-20 | O2 Caution Label | 2 |
| BB | 37-74 | Hole Plug | 2 | EK | 460-2-32 | Ground Strap | 2 |
| BC | 721-26-74 | Lock Handle, Mach. | 2 | EL | 1510-34-90 | Slider Pad | 2 |
| BD | 21-104 | Set Screw | 2 | EM | 1510-34-94 | Calf Stand Rest | 2 |
| BE | 11-2 | Flat Washer | 2 | EN | 946-1-155 | Bumper | 2 |
| BF | 1501-27-23 | Supt. Tube Ass'y | 1 | EP | 988-2-676 | Earth Ground Jumper | 1 |
| BH | 1501-31-13 | Fowler Tube | 1 | ER | 1001-34-25 | Hole Plug | 4 |
| BJ | 4-183 | Fowler Pivot Bolt | 2 | ES | (page 73) | Push Handle Assembly | 2 |
| BK | 1010-201-236 | Corner Cover, Hole/Slot | 1 | ET | 1501-33-24 | Fowler Lever Assembly | 1 |
| BL | 1010-201-237 | Corner Cover, Hole/Hole | 1 | EW | 1501-34-21 | Thigh Frame Assembly | 1 |
| BM | 1010-201-238 | Corner Cover, Slot Only | 1 | EZ | 1501-34-22 | Calf Frame Assembly | 1 |
| BN | 1010-201-239 | Corner Cover, Hole Only | 1 | FA | 1501-34-23 | Midsection Supt. Ass'y | 1 |
| BP | 1510-231-12 | Fowler Skin | 1 | FB | 1510-234-26 | Calf Skin | 1 |
| BR | (page 74) | Siderail Assembly, Lt. | 1 | FC | 1510-234-27 | Midsection Skin | 1 |
| BS | (page 74) | Siderail Assembly, Rt. | 1 | FD | 1510-234-28 | Thigh Skin | 1 |
| BT | 946-1-60 | Logo Label | 1 | FE | 1550-30-21 | Siderail Bumper (Teal) | 2 |
| BW | 3-50 | Hex Hd. Cap Screw | 4 | FF | 1550-1-31 | Weigh Board Cover | 1 |
| BZ | 37-10 | Hole Plug | 2 | FH | 1550-26-9 | Top Rail Nurse Label, Rt. | 1 |
| CA | 1010-254-4 | Receptacle Ass'y, Lt. | 1 | FJ | 1550-26-10 | Top Rail Nurse Label, Lt. | 1 |
| CB | 1010-254-6 | Receptacle Ass'y, Rt. | 1 | FK | (page 75) | Comp. Hsg. Ass'y, Rt. | 1 |
| CC | 25-50 | Pop Rivet | 7 | FL | (page 76) | Comp. Hsg. Ass'y, Lt. | 1 |
| CD | 3-78 | Hex Hd. Cap Screw | 6 | FM | 1550-30-2 | Board Housing Top | 1 |
| CE | 2-31 | Round Hd. Mach. Screw | 2 | FN | 1550-30-8 | Board Housing Ass'y | 1 |
| CF | 26-57 | Roll Pin | 2 | FP | 1550-30-17 | Hd. End Lockout Wldmt. | 1 |

1550-30-10 Litter Assembly

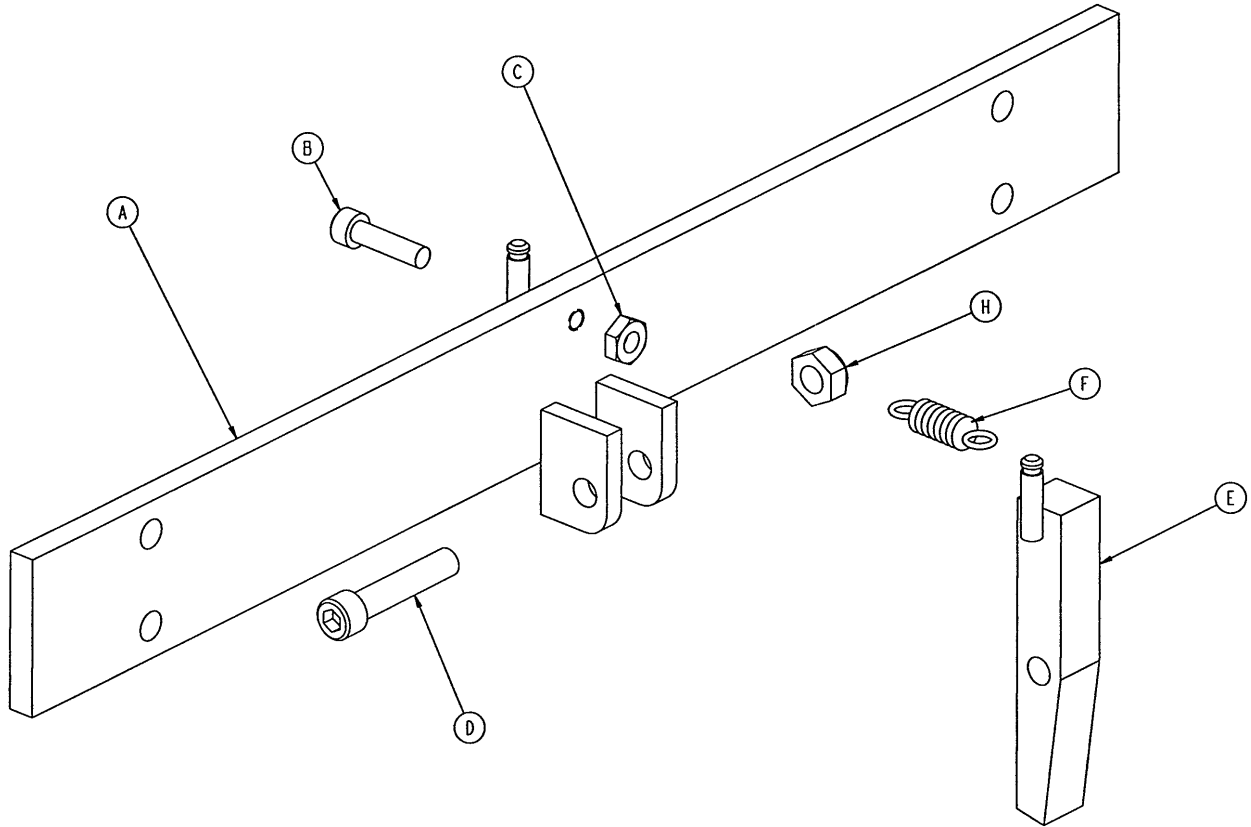
| Item | Part No. | Part Name | Qty. | Item | Part No. | Part Name | Qty. |
|-------------|-----------------|-----------------------|-------------|-------------|-----------------|-----------------------|-------------|
| FR | 1550-30-25 | Power Cord Hook | 2 | HD | 1550-85-5 | AC Motor Ground | 1 |
| FS | 1001-31-31 | Pneumatic Fowler Rest | 2 | HE | 1550-85-7 | Ft. End Lockout Cable | 1 |
| FT | 23-100 | Self-Tapping Screw | 4 | HF | 1550-85-8 | Hd. End Lockout Cable | 1 |
| FW | 1550-34-20 | Crankscrew Mtg. Brkt. | 4 | HJ | 1550-33-31 | Fowler Supt. Ass'y | 2 |
| FZ | 1550-34-21 | Thigh Support | 2 | HK | 1550-90-5 | Lockout Label | 2 |
| HA | 1550-80-900 | Logic Control Board | 1 | HL | 1550-90-13 | Caution Label | 1 |
| HB | 1550-85-1 | Switch Cable | 2 | | | | |
| HC | 1550-85-3 | DC Ground | 1 | | | | |

1550-35-1 Jack Support & Trend. Limiter Assembly



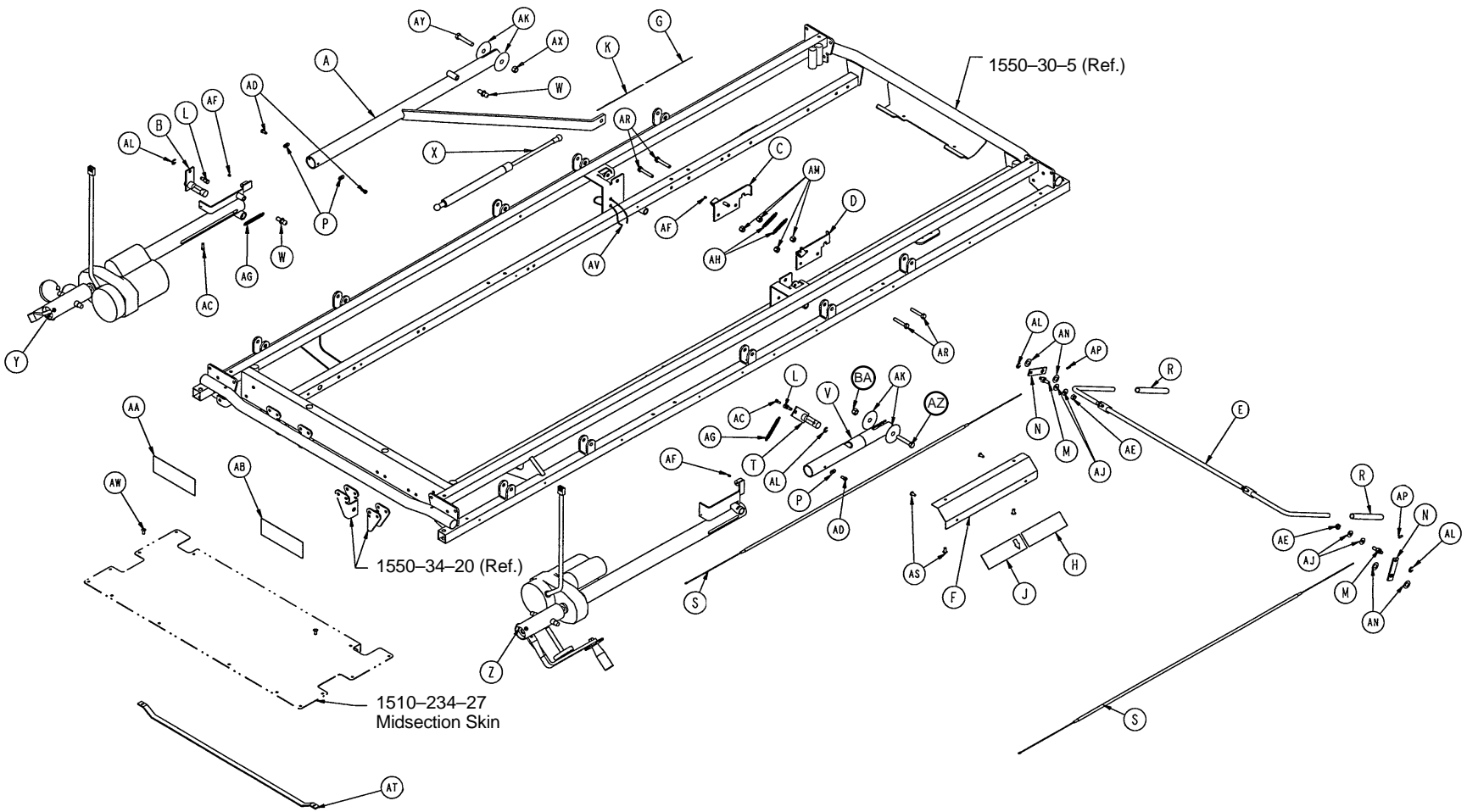
| Item | Part No. | Part Name | Qty. |
|------|------------|-----------------------|------|
| A | 1550-35-2 | Jack Supt. Ass'y, Rt. | 1 |
| B | 1550-35-3 | Jack Supt. Ass'y, Lt. | 1 |
| C | 16-28 | Nylock Nut | 4 |
| D | 3-15 | Hex Hd. Cap Screw | 4 |
| E | (page 63) | Trend. Limiter Ass'y | 1 |
| F | 1510-32-20 | Support Tube Ass'y | 1 |
| H | 46-1 | Set Screw | 1 |

1550-35-5 Trend. Limiter Assembly



| Item | Part No. | Part Name | Qty. |
|------|-----------|------------------------|------|
| A | 1550-35-6 | Limiter Plate Assembly | 1 |
| B | 4-8 | Hex Soc. Mach. Screw | 1 |
| C | 15-23 | Hex Nut | 1 |
| D | 4-142 | Hex Soc. Hd. Cap Screw | 1 |
| E | 715-1-114 | Limiter Pin Assembly | 1 |
| F | 38-233 | Extension Spring | 1 |
| H | 16-28 | Fiberlock Nut | 1 |

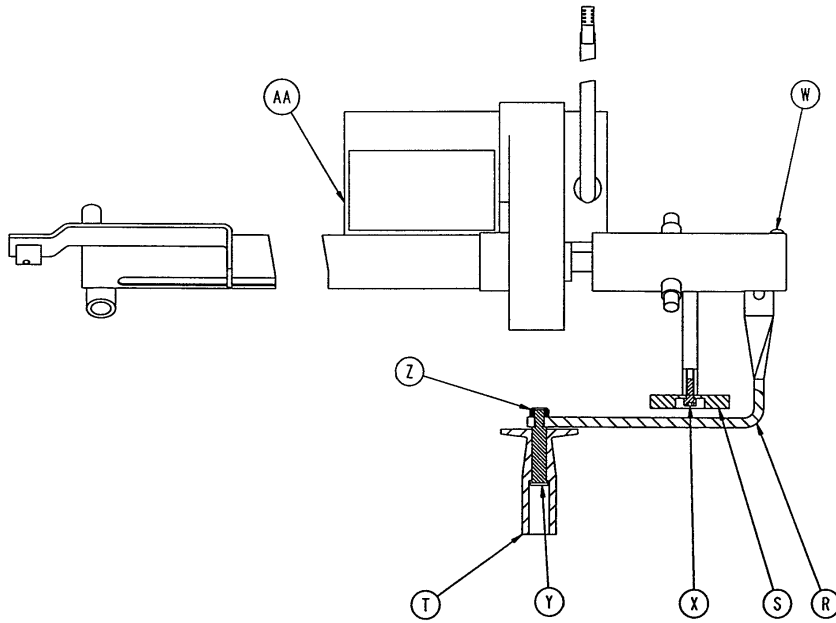
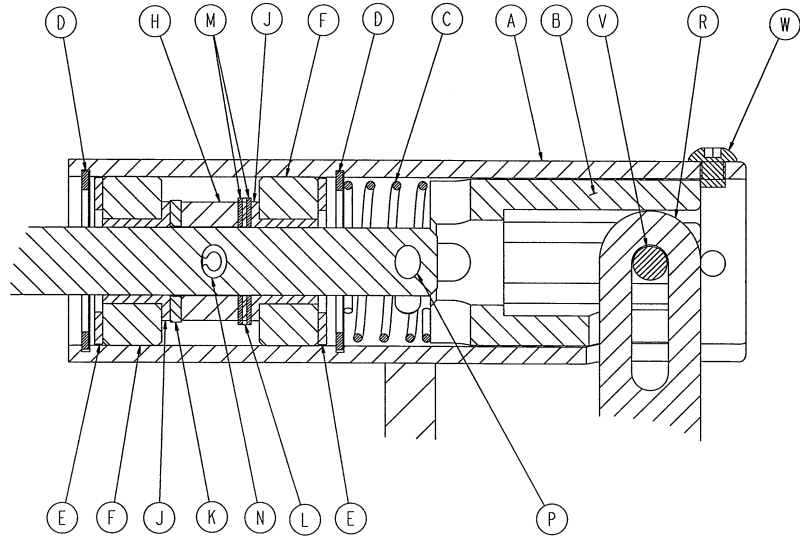
1550-33-42 Fowler/Gatch Quick Drop Assembly



1550-33-42 Fowler/Gatch Quick Drop Assembly

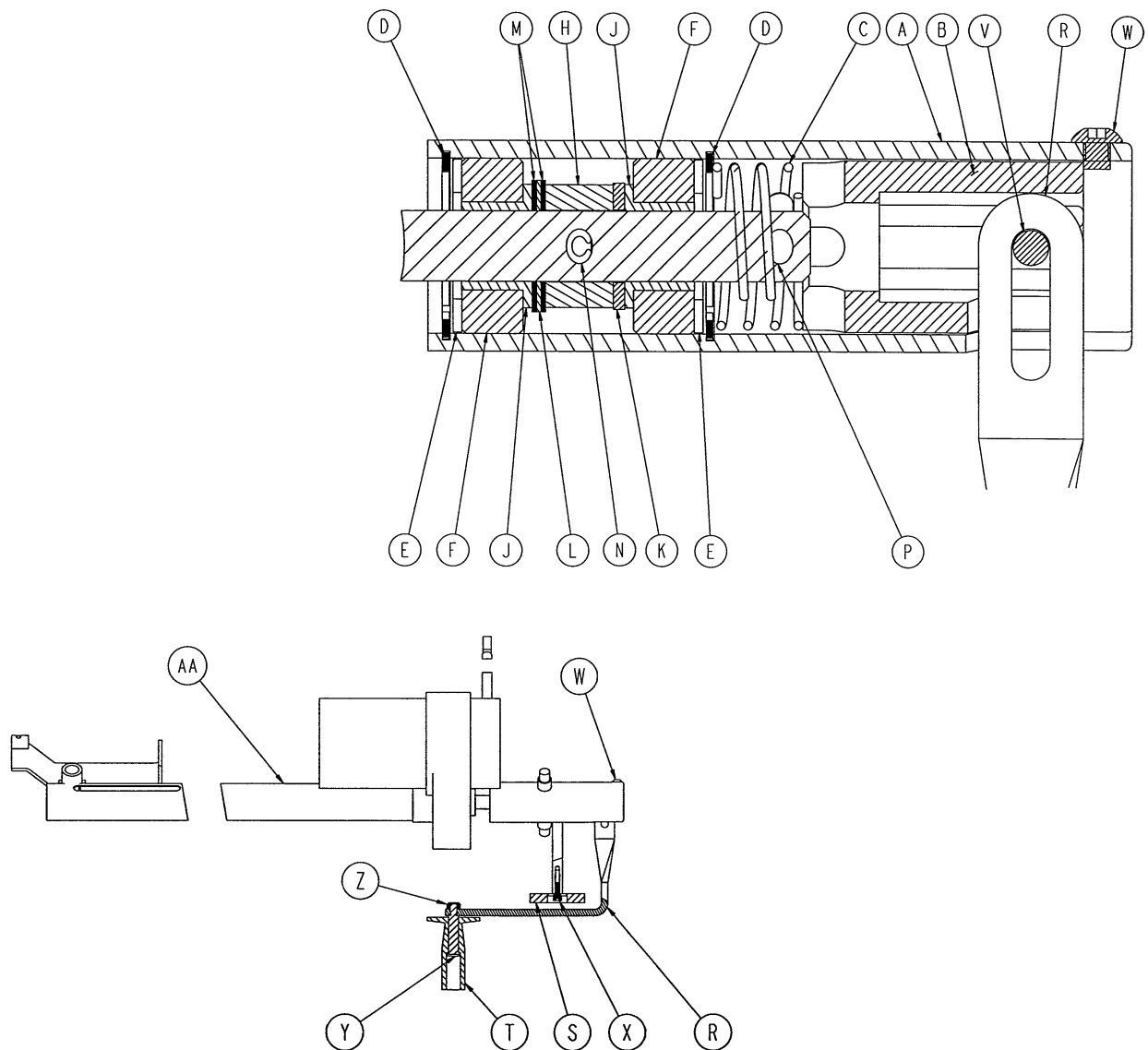
| Item | Part No. | Part Name | Qty. |
|------|------------|-----------------------------|------|
| A | 1550-33-28 | Drive Bar Weldment | 1 |
| B | 1550-33-14 | Fowler Crkscr. Detent Ass'y | 1 |
| C | 1550-33-25 | Quick Drop Brkt. Ass'y, Rt. | 1 |
| D | 1550-33-26 | Quick Drop Brkt. Ass'y, Lt. | 1 |
| E | 1550-33-19 | Release Arm Weldment | 1 |
| F | 1550-33-20 | Handle Guard | 2 |
| G | 1550-33-36 | Right Release Label | 1 |
| H | 1550-33-37 | Left Release Label | 1 |
| J | 1550-33-38 | E-Drop Release Label, Left | 1 |
| K | 1550-33-43 | E-Drop Release Label, Right | 1 |
| L | 1550-33-11 | Spring/Cable Pin | 2 |
| M | 1550-33-18 | Cable Retainer | 2 |
| N | 1550-33-16 | Cable Return Arm | 2 |
| P | 1550-33-29 | Drive Tube Stop | 3 |
| R | 1550-33-8 | Quick Drop Handle Grip | 2 |
| S | 1550-33-9 | Fowler/Gatch Release Cable | 2 |
| T | 1550-34-16 | Gatch Detent Arm Ass'y | 1 |
| V | 1550-34-7 | Knee Gatch Ckscr. Extension | 1 |
| W | 1550-31-2 | Threaded End Fitting | 2 |
| X | 1550-31-1 | Fowler Gas Cylinder | 1 |
| Y | (page 66) | Fow. Ckscr. Ass'y, w/ Act. | 1 |
| Z | (page 67) | Gat. Ckscr. Ass'y, w/ Act. | 1 |
| AA | 1550-90-23 | Reset Label, Fowler | 1 |
| AB | 1550-90-24 | Reset Label, Gatch | 1 |
| AC | 4-5 | Soc. Hd. Cap Screw | 2 |
| AD | 4-219 | Soc. Hd. Cap Screw | 3 |
| AE | 16-47 | Nylock Nut | 2 |
| AF | 21-8 | Set Screw | 4 |
| AG | 38-285 | Extension Spring | 2 |
| AH | 38-284 | Extension Spring | 2 |
| AJ | 11-2 | Washer | 4 |
| AK | 14-55 | Washer | 4 |
| AL | 28-114 | Retaining Ring | 4 |
| AM | 16-28 | Nylock Nut | 4 |
| AN | 14-20 | Washer | 4 |
| AP | 37-95 | End Cap | 2 |
| AR | 3-47 | Hex Hd. Cap Screw | 4 |
| AS | 25-79 | Pop Rivet | 8 |
| AT | 1550-34-22 | Cable Guide | 1 |
| AV | 59-76 | Nylon Cable Tie | 2 |
| AW | 25-50 | Pop Rivet | 2 |
| AX | 16-11 | Flexlock Nut | 1 |
| AY | 3-68 | Hex Hd. Cap Screw | 1 |
| AZ | 4-105 | Hex Hd. Cap Screw | 1 |
| BA | 16-35 | Nylock Nut | 1 |

1550-33-30 Fowler Crankscrew Assembly w/Actuator



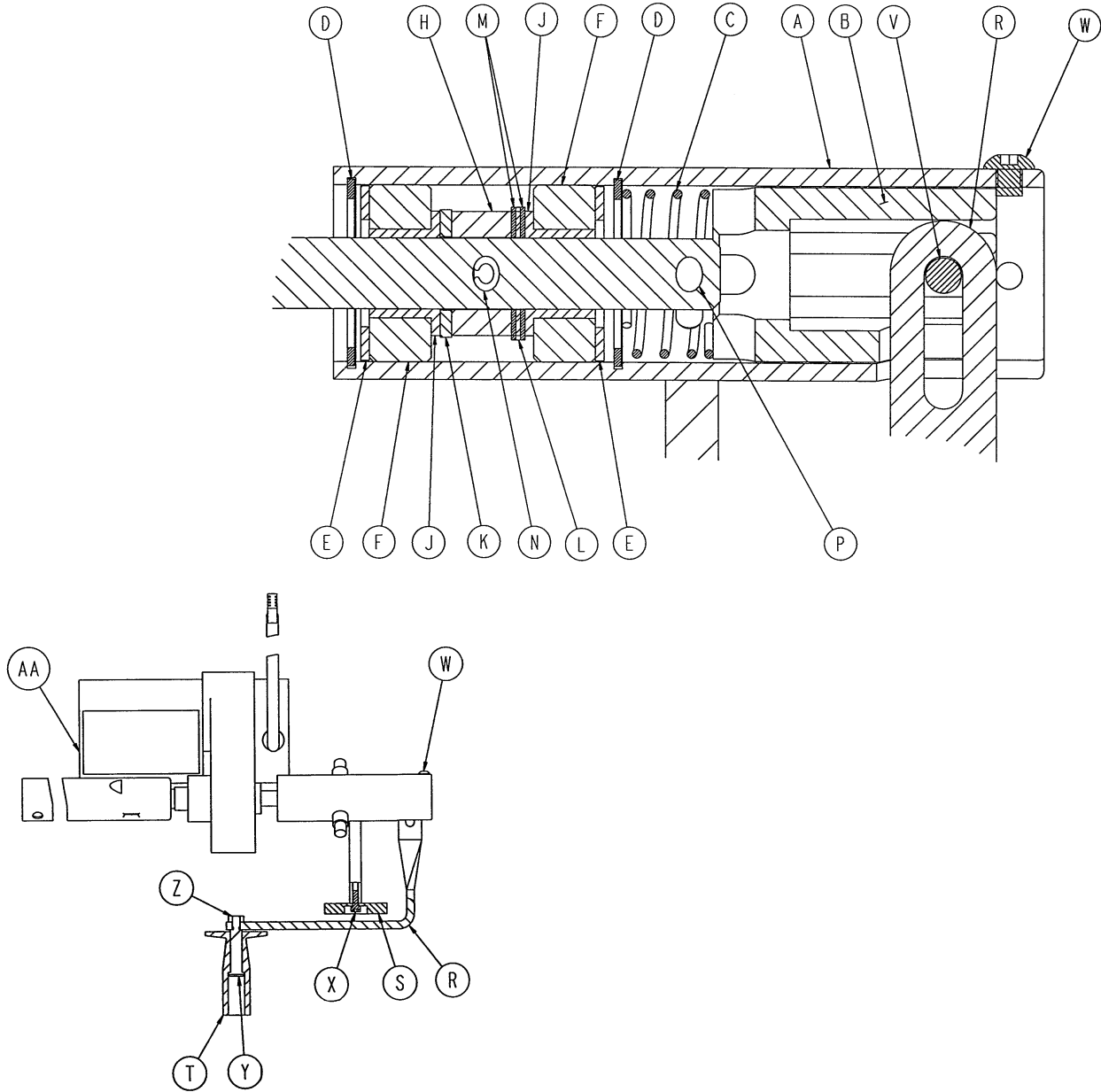
| Item | Part No. | Part Name | Qty. | Item | Part No. | Part Name | Qty. |
|------|------------|-----------------------------|------|------|------------|------------------------|------|
| A | 1550-34-13 | Crk/Coupler Hsg. Ass'y, Rt. | 1 | N | 26-149 | Roll Pin | 1 |
| B | 1550-34-1 | Crank Coupler | 1 | P | 26-179 | Spiral Pin | 1 |
| C | 38-286 | Compression Spring | 1 | R | 1550-1-16 | Crank Handle | 1 |
| D | 28-88 | Snap Ring | 2 | S | 1550-1-14 | Magnet | 1 |
| E | 81-174 | Washer | 2 | T | 1550-1-19 | Crank Knob | 1 |
| F | 1550-1-18 | Nylon Spacer | 2 | V | 26-168 | Spiral Pin | 1 |
| H | 1550-1-17 | Bearing Collar | 1 | X | 4-148 | But. Hd. Cap Screw | 2 |
| J | 81-213 | Bronze Shoulder Bushing | 2 | Y | 4-32 | Soc. Hd. Cap Screw | 1 |
| K | 11-45 | Nylon Washer | 1 | Z | 378-24-29 | Shoulder Bolt | 1 |
| L | 81-212 | Thrust Bearing | 1 | | 16-78 | Centerlock Nut | 1 |
| M | 14-44 | Steel Thrust Washer | 2 | AA | 1550-33-45 | Fow. Act. w/Drive Tube | 1 |

1550-34-5 Gatch Crankscrew Assembly w/Actuator



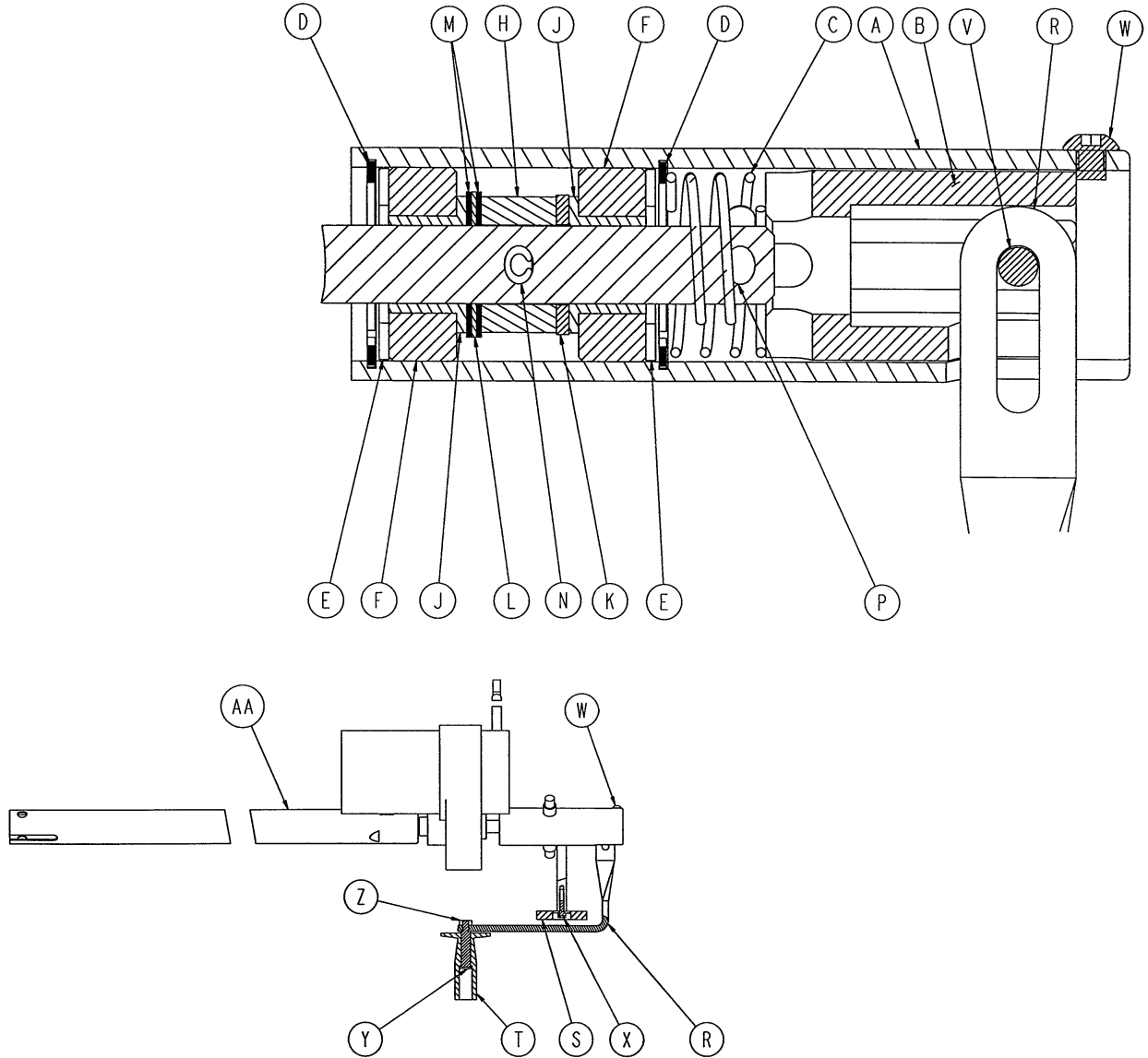
| Item | Part No. | Part Name | Qty. | Item | Part No. | Part Name | Qty. |
|------|------------|-----------------------------|------|------|------------|------------------------|------|
| A | 1550-34-14 | Crk/Coupler Hsg. Ass'y, Lt. | 1 | N | 26-149 | Roll Pin | 1 |
| B | 1550-34-1 | Crank Coupler | 1 | P | 26-179 | Spiral Pin | 1 |
| C | 38-286 | Compression Spring | 1 | R | 1550-1-16 | Crank Handle | 1 |
| D | 28-88 | Snap Ring | 2 | S | 1550-1-14 | Magnet | 1 |
| E | 81-174 | Washer | 2 | T | 1550-1-19 | Crank Knob | 1 |
| F | 1550-1-18 | Nylon Spacer | 2 | V | 26-168 | Spiral Pin | 1 |
| H | 1550-1-17 | Bearing Collar | 1 | W | 4-148 | But. Hd. Cap Screw | 2 |
| J | 81-213 | Bronze Shoulder Bushing | 2 | X | 4-32 | Soc. Hd. Cap Screw | 1 |
| K | 11-45 | Nylon Washer | 1 | Y | 378-24-29 | Shoulder Bolt | 1 |
| L | 81-212 | Thrust Bearing | 1 | Z | 16-78 | Centerlock Nut | 1 |
| M | 14-44 | Steel Thrust Washer | 2 | AA | 1550-34-25 | Gat. Act. w/Drive Tube | 1 |

1550-233-30 Fowler Crankscrew Ass'y, Non-Quick Drop



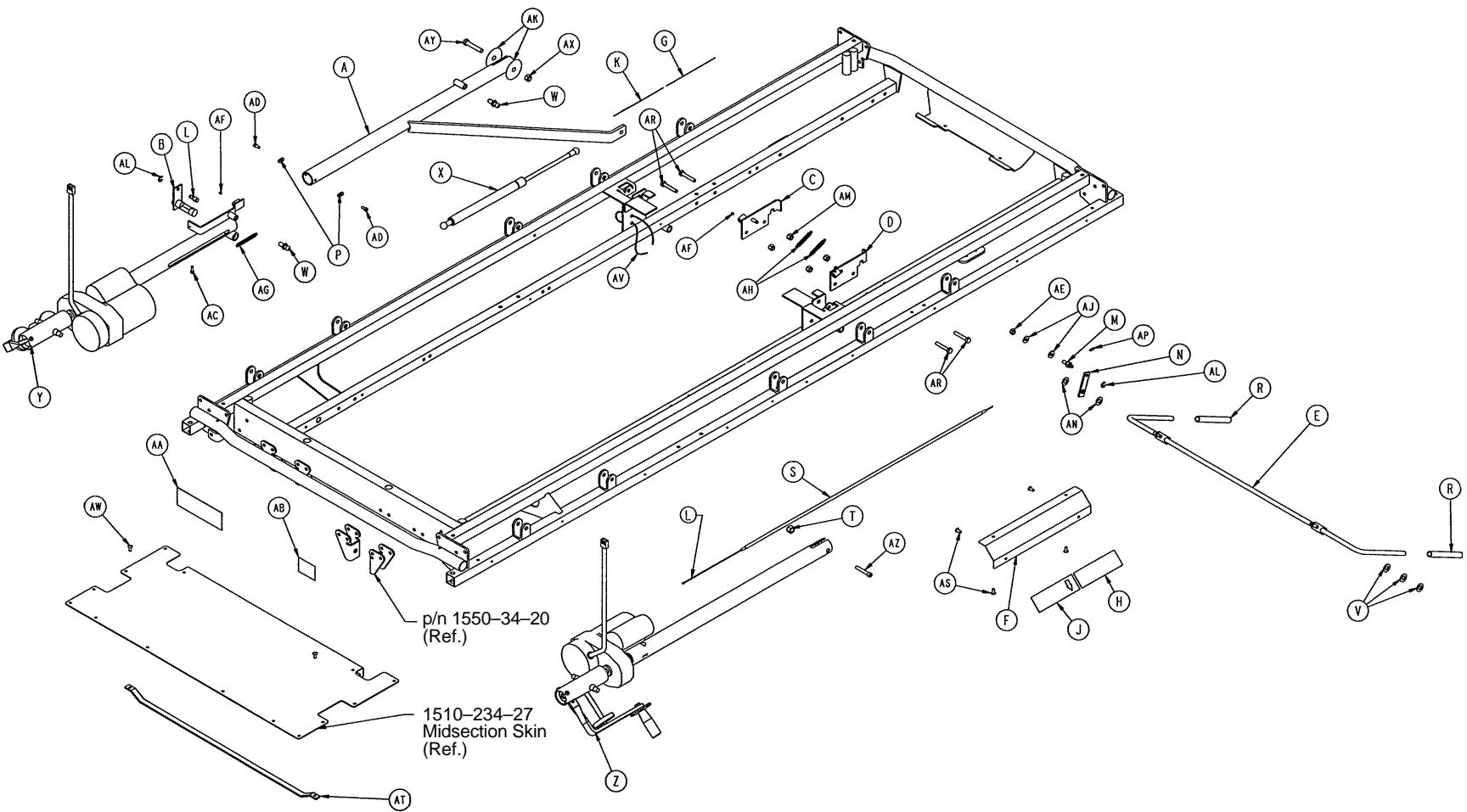
| Item | Part No. | Part Name | Qty. | Item | Part No. | Part Name | Qty. |
|------|------------|-----------------------------|------|------|-------------|------------------------|------|
| A | 1550-34-13 | Crk/Coupler Hsg. Ass'y, Rt. | 1 | N | 26-149 | Roll Pin | 1 |
| B | 1550-34-1 | Crank Coupler | 1 | P | 26-179 | Spiral Pin | 1 |
| C | 38-286 | Compression Spring | 1 | R | 1550-1-16 | Crank Handle | 1 |
| D | 28-88 | Snap Ring | 2 | S | 1550-1-14 | Magnet | 1 |
| E | 81-174 | Washer | 2 | T | 1550-1-19 | Crank Knob | 1 |
| F | 1550-1-18 | Nylon Spacer | 2 | V | 26-168 | Spiral Pin | 1 |
| H | 1550-1-17 | Bearing Collar | 1 | W | 4-148 | But. Hd. Cap Screw | 2 |
| J | 81-213 | Bronze Shoulder Bushing | 2 | X | 4-32 | Soc. Hd. Cap Screw | 1 |
| K | 11-45 | Nylon Washer | 1 | Y | 378-24-29 | Shoulder Bolt | 1 |
| L | 81-212 | Thrust Bearing | 1 | Z | 16-78 | Centerlock Nut | 1 |
| M | 14-44 | Steel Thrust Washer | 2 | AA | 1550-233-45 | Fow. Act. w/Drive Tube | 1 |

1550-234-5 Gatch Crankscrew Ass'y, Non-Quick Drop



| Item | Part No. | Part Name | Qty. | Item | Part No. | Part Name | Qty. |
|------|------------|-----------------------------|------|------|-------------|------------------------|------|
| A | 1550-34-14 | Crk/Coupler Hsg. Ass'y, Lt. | 1 | N | 26-149 | Roll Pin | 1 |
| B | 1550-34-1 | Crank Coupler | 1 | P | 26-179 | Spiral Pin | 1 |
| C | 38-286 | Compression Spring | 1 | R | 1550-1-16 | Crank Handle | 1 |
| D | 28-88 | Snap Ring | 2 | S | 1550-1-14 | Magnet | 1 |
| E | 81-174 | Washer | 2 | T | 1550-1-19 | Crank Knob | 1 |
| F | 1550-1-18 | Nylon Spacer | 2 | V | 26-168 | Spiral Pin | 1 |
| H | 1550-1-17 | Bearing Collar | 1 | W | 4-148 | But. Hd. Cap Screw | 2 |
| J | 81-213 | Bronze Shoulder Bushing | 2 | X | 4-32 | Soc. Hd. Cap Screw | 1 |
| K | 11-45 | Nylon Washer | 1 | Y | 378-24-29 | Shoulder Bolt | 1 |
| L | 81-212 | Thrust Bearing | 1 | Z | 16-78 | Centerlock Nut | 1 |
| M | 14-44 | Steel Thrust Washer | 2 | AA | 1550-234-25 | Gat. Act. w/Drive Tube | 1 |

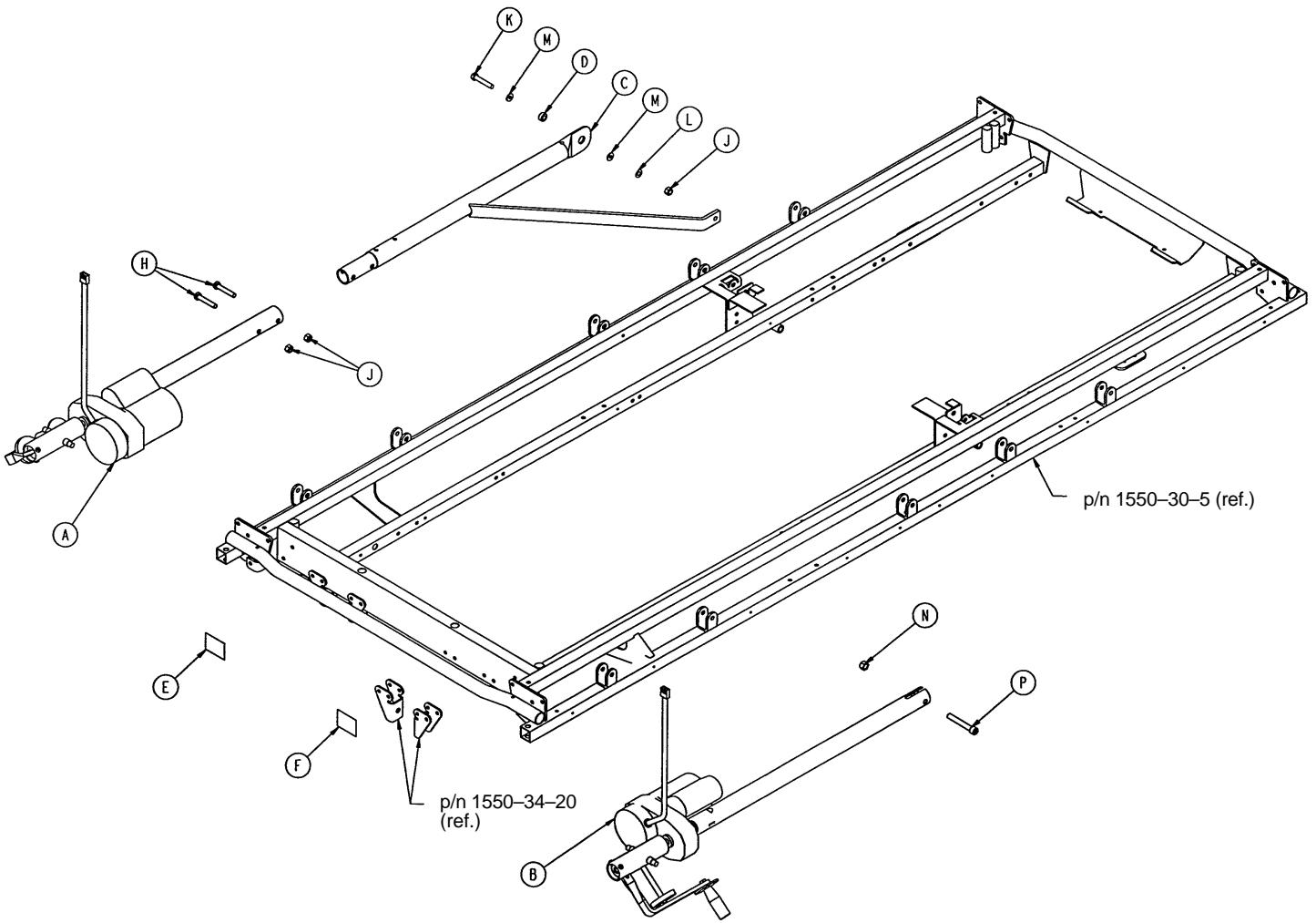
1550-37-10 Quick Drop Assembly, Fowler Only



1550-37-10 Quick Drop Assembly, Fowler Only

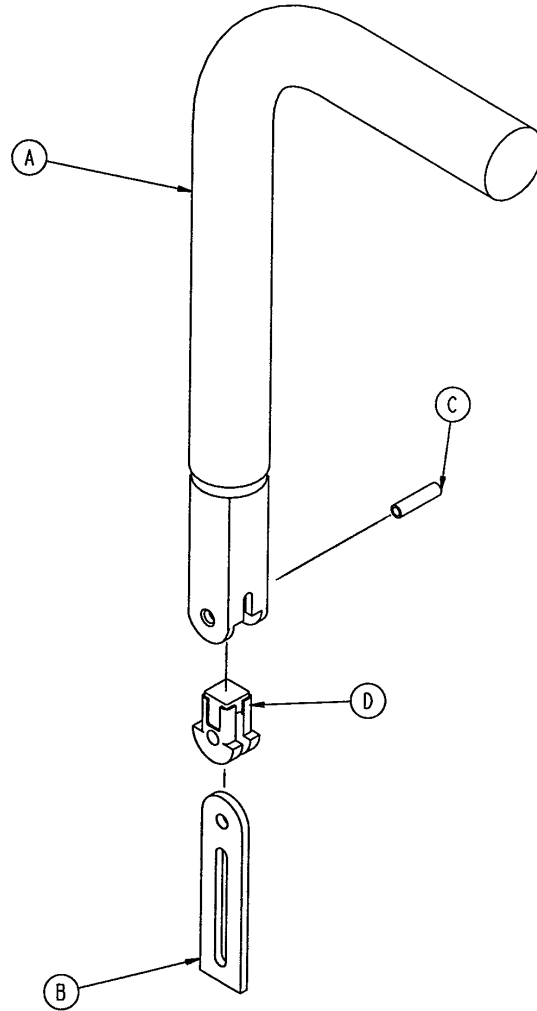
| Item | Part No. | Part Name | Qty. |
|------|------------|-----------------------------|------|
| A | 1550-33-28 | Drive Bar Weldment | 1 |
| B | 1550-33-14 | Fowler Crkscr. Detent Ass'y | 1 |
| C | 1550-33-25 | Quick Drop Brkt. Ass'y, Rt. | 1 |
| D | 1550-33-26 | Quick Drop Brkt. Ass'y, Lt. | 1 |
| E | 1550-33-19 | Release Arm Weldment | 1 |
| F | 1550-33-20 | Handle Guard | 2 |
| G | 1550-33-36 | Release Label, Rt. | 1 |
| H | 1550-33-37 | Release Label, Lt. | 1 |
| J | 1550-37-15 | Fow. Emer. Drop Label, Lt. | 1 |
| K | 1550-37-16 | Fow. Emer. Drop Label, Rt. | 1 |
| L | 1550-33-11 | Spring/Cable Pin | 1 |
| M | 1550-33-18 | Cable Retainer | 1 |
| N | 1550-33-16 | Cable Return Arm | 1 |
| P | 1550-33-29 | Drive Tube Stop | 2 |
| R | 1550-33-8 | Quick Drop Handle Grip | 2 |
| S | 1550-33-9 | Fowler/Gatch Release Cable | 1 |
| T | 16-35 | Nylock Nut | 1 |
| V | 14-21 | Nylon Washer | 3 |
| W | 1550-31-2 | Threaded End Fitting | 2 |
| X | 1550-31-1 | Fowler Gas Cylinder | 1 |
| Y | (page 66) | Fowler Crankscrew Ass'y | 1 |
| Z | (page 69) | Gatch Crankscrew Ass'y | 1 |
| AA | 1550-90-23 | Fow. Quick Drop Reset Label | 1 |
| AB | 946-1-65 | Gatch Symbol Label | 1 |
| AC | 4-5 | Soc. Hd. Cap Screw | 1 |
| AD | 4-219 | Soc. Hd. Cap Screw | 2 |
| AE | 16-47 | Nylock Nut | 1 |
| AF | 21-8 | Set Screw | 2 |
| AG | 38-285 | Extension Spring | 1 |
| AH | 38-284 | Extension Spring | 2 |
| AJ | 11-2 | Washer | 2 |
| AK | 14-55 | Washer | 2 |
| AL | 28-114 | Retaining Ring | 2 |
| AM | 16-28 | Nylock Nut | 4 |
| AN | 14-20 | Washer | 2 |
| AP | 37-95 | End Cap | 1 |
| AR | 3-47 | Hex Hd. Cap Screw | 4 |
| AS | 25-79 | Pop Rivet | 8 |
| AT | 1550-34-22 | Cable Guide | 1 |
| AV | 59-76 | Cable Tie | 1 |
| AW | 25-50 | Pop Rivet | 2 |
| AX | 16-11 | Flexlock Nut | 1 |
| AY | 3-68 | Hex Hd. Cap Screw | 1 |
| AZ | 4-105 | Hex Hd. Cap Screw | 1 |

1550-36-10 Powered Fowler & Knee Gatch Assembly



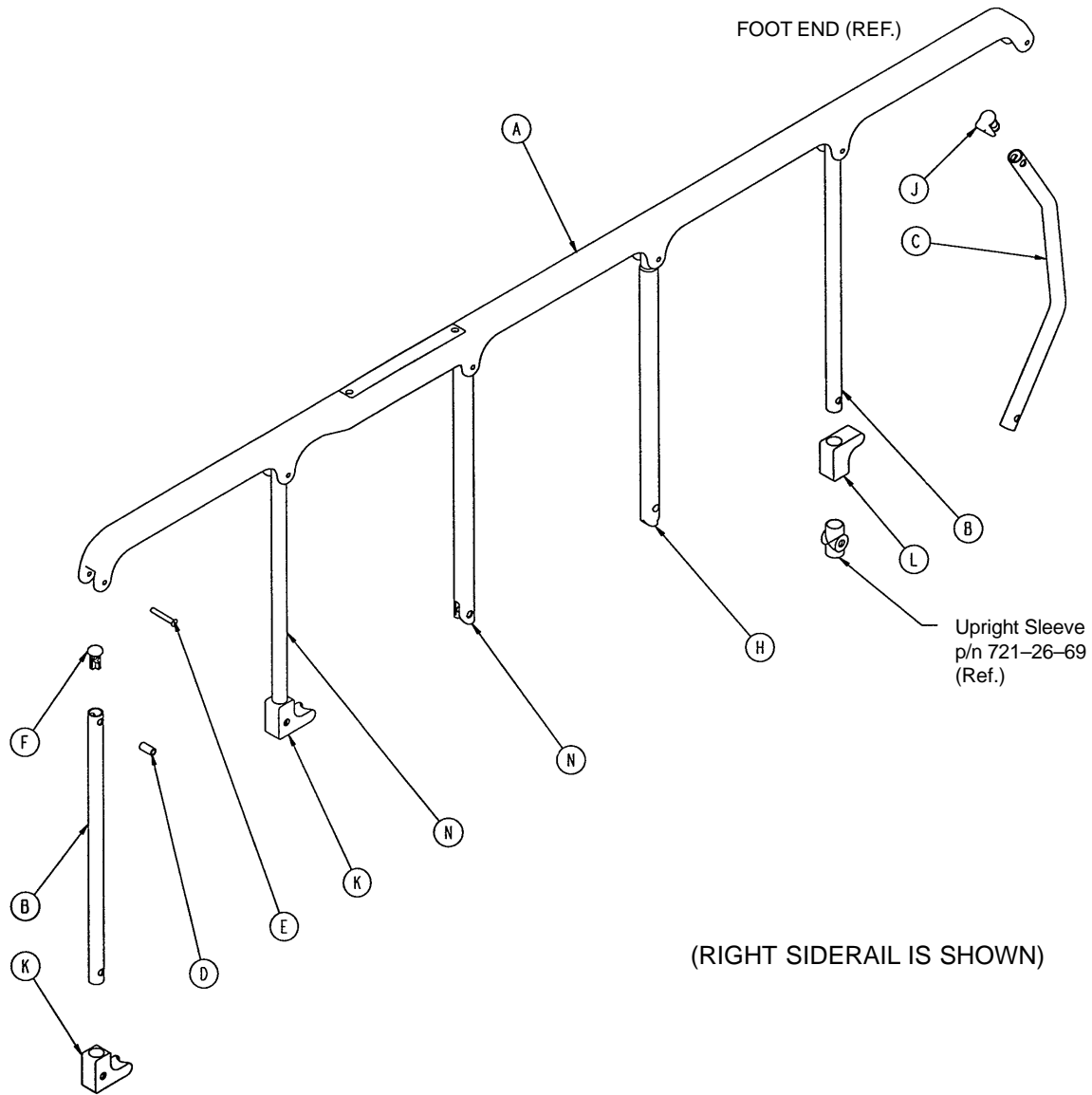
| Item | Part No. | Part Name | Qty. |
|------|------------|---------------------------|------|
| A | (page 68) | Fowler Crankscrew Ass'y | 1 |
| B | (page 69) | Gatch Crankscrew Ass'y | 1 |
| C | 1550-33-54 | Fowler Drive Bar Weldment | 1 |
| D | 1550-33-55 | Spacer | 1 |
| E | 946-1-64 | Fowler Symbol Label | 1 |
| F | 946-1-65 | Gatch Symbol Label | 1 |
| H | 3-68 | Hex Hd. Cap Screw | 2 |
| J | 16-36 | Nylock Nut | 3 |
| K | 3-85 | Hex Hd. Cap Screw | 1 |
| L | 11-193 | Washer | 1 |
| M | 14-62 | Plastic Flat Washer | 2 |
| N | 16-35 | Nylock Nut | 1 |
| P | 4-105 | Hex Hd. Cap Screw | 1 |

1010-1-30 Push Handle Assembly



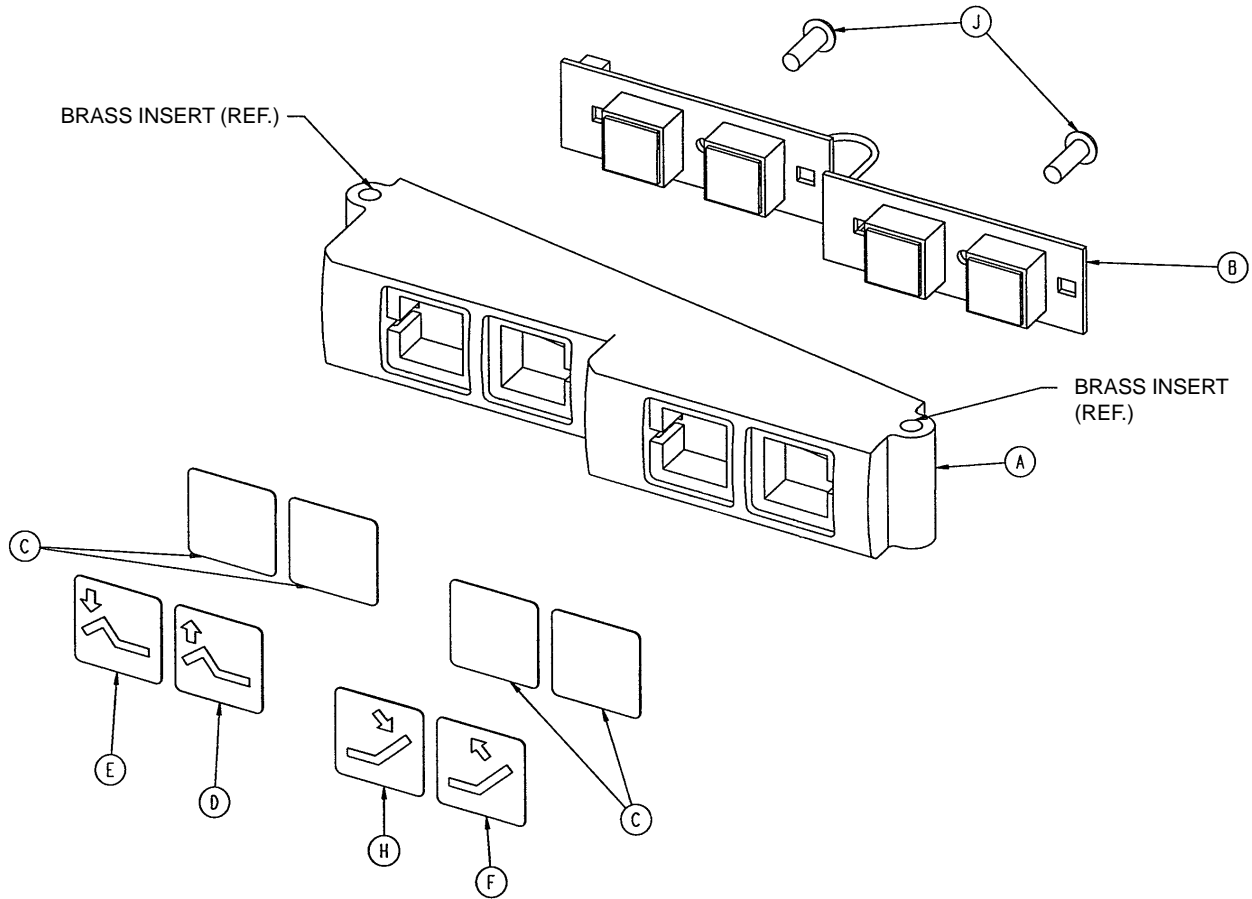
| Item | Part Name | Part No. | Qty. |
|------|-------------|-----------------|------|
| A | 1010-254-18 | Sleeve Assembly | 1 |
| B | 1010-254-24 | Stop Link | 1 |
| C | 26-10 | Roll Pin | 1 |
| D | 1010-254-23 | Link Support | 1 |

1550-26-20 & 1550-26-22 Siderail Ass'y, Left & Right



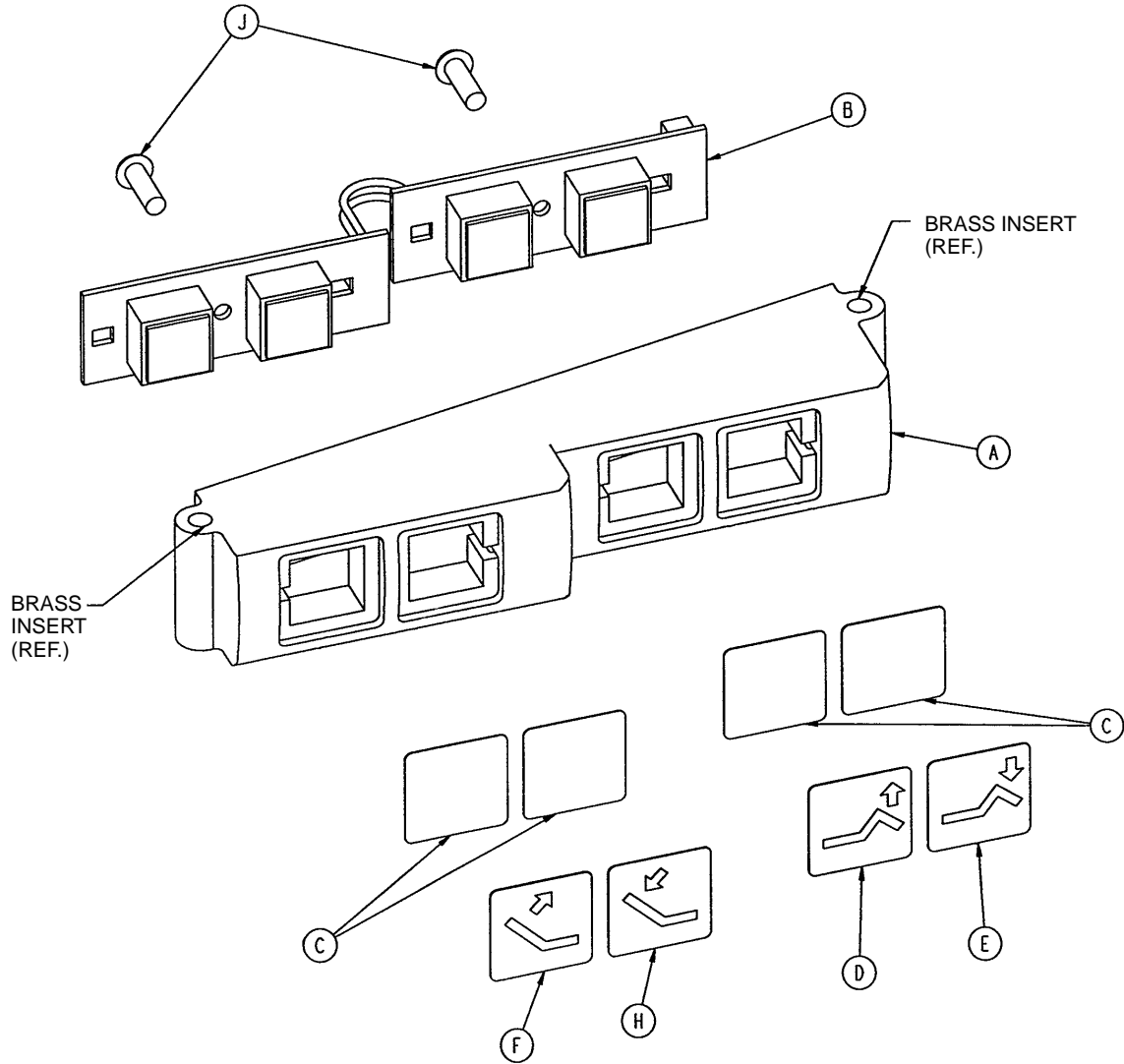
| Item | Part No. | Part Name | Qty. |
|------|------------|--------------------|------|
| A | 1550-26-21 | Top Rail, Left | 1 |
| | 1550-26-23 | Top Rail, Right | 1 |
| B | 1010-26-83 | Upright | 3 |
| C | 1010-26-84 | Upright, Bent | 1 |
| D | 1010-26-82 | Sleeve Bearing | 6 |
| E | 25-106 | Semi-Tubular Rivet | 6 |
| F | 1010-26-10 | Round Hole Plug | 3 |
| H | 1010-26-85 | Upright, Latch | 1 |
| J | 1010-26-12 | Bent Spindle Rest | 1 |
| K | 1010-95-32 | Siderail Rest | 2 |
| L | 1010-95-22 | Bent Rail Rest | 1 |
| M | 25-40 | Pop Rivet | 1 |
| N | 1550-26-19 | Oval Upright | 1 |

1550-26-16 Component Housing Assembly, Right



| Item | Part No. | Part Name | Qty. |
|------|-------------|--------------------------|------|
| A | 1550-26-14 | Component Housing, Rt. | 1 |
| B | 1550-80-930 | Switch Board Assembly | 1 |
| C | 1550-26-11 | Lexan Shield | 4 |
| D | 1550-26-2 | Gatch Up Label, Rt. | 1 |
| E | 1550-26-4 | Gatch Down Label, Rt. | 1 |
| F | 1550-26-6 | Fowler Up Label, Rt. | 1 |
| H | 1550-26-8 | Fowler Down Label, Right | 1 |
| J | 2-5 | Round Hd. Screw | 2 |

1550-26-17 Component Housing Assembly, Left



| Item | Part No. | Part Name | Qty. |
|------|-------------|------------------------|------|
| A | 1550-26-13 | Component Housing, Lt. | 1 |
| B | 1550-80-930 | Switch Board Assembly | 1 |
| C | 1550-26-11 | Lexan Shield | 4 |
| D | 1550-26-1 | Gatch Up Label, Lt. | 1 |
| E | 1550-26-3 | Gatch Down Label, Lt. | 1 |
| F | 1550-26-5 | Fowler Up Label, Lt. | 1 |
| H | 1550-26-7 | Fowler Down Label, Lt. | 1 |
| J | 2-5 | Round Hd. Screw | 2 |



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DH 12/93 1550-90-22 REV__