

Performance-PRO™ XT

REF Model 6085

# stryker®

## Operations/Maintenance Manual



For parts or technical assistance:  
USA: 1-800-327-0770





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# Symbols and Definitions

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## SYMBOLS

	Warning, consult accompanying documentation
	Pinch Point
	Safe Working Load Symbol

## WARNING / CAUTION / NOTE DEFINITION

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

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### **WARNING**

Alerts the reader about a situation, which if not avoided, could result in death or serious injury. It may also describe potential serious adverse reactions and safety hazards.

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### **CAUTION**

Alerts the reader of a potentially hazardous situation, which if not avoided, may result in minor or moderate injury to the user or patient or damage to the equipment or other property. This includes special care necessary for the safe and effective use of the device and the care necessary to avoid damage to a device that may occur as a result of use or misuse.

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### **NOTE**

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

# Introduction

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This manual is designed to assist you with the operation and maintenance of the Performance-PRO™ XT Cot. Carefully read this manual thoroughly before using the equipment or beginning maintenance on it. To ensure safe operation of this equipment, it is recommended that methods and procedures be established for educating and training staff on the safe operation of this cot.

## PRODUCT DESCRIPTION


The model 6085 Performance-PRO™ XT is a manual X-frame ambulance cot.

## INTENDED USE OF PRODUCT

The model 6085 Performance-PRO™ XT is a non-powered wheeled stretcher that consists of a platform mounted on a wheeled frame that is designed to support patients in a horizontal position for transport or administration of medical care. The device has side rails, supports for fluid infusion equipment, and patient restraint straps. The frame is collapsible for use in an ambulance.

# Introduction

## SPECIFICATIONS

 <b>Safe Working Load</b> <b>Note:</b> Safe Working Load indicates the sum of the patient mattress and accessory weight.		700 pounds	317,5 kg
Backrest Articulation/Shock Position		2° to 73° / +15°	
Overall Length/Minimum Length/Width		81" / 64" / 23"	205,7 cm / 162,6 cm / 58,4 cm
Height <sup>1</sup>	Position 1	13.8"	35,1 cm
	Position 2	22"	55,9 cm
	Position 3	25.8"	65,5 cm
	Position 4	28.1"	71,4 cm
	Position 5	31.9"	81 cm
	Position 6	34.6"	87,9 cm
	Position 7 (LOW)	37.3"	94,7 cm
	Position 8 (MID)	40"	101,6 cm
	Position 9 (HIGH)	42.2"	107,2 cm
Weight <sup>2</sup>		89 lb	40,37 kg
Caster Diameter/Width		6" / 2"	15,2 cm / 5,1 cm
Minimum Operators Required for an Occupied Cot		2	
Minimum Operators Required for an Unoccupied Cot		1	
Recommended Fastener Systems		Model 6370 or 6377 Floor Mount Type Model 6371 Wall Mount Type	
Maximum Loading Height <sup>3</sup>		Up to 34"	Up to 86,4 cm
Roll-In Style		Yes	
Single Wheel Lock / Double Wheel Lock		Optional	

<sup>1</sup> Height is measured from the bottom of the mattress at seat section to ground level.

<sup>2</sup> Cot is weighed without mattress and restraints.

<sup>3</sup> Load wheel height can be set between 27.25" (69,2 cm) and 34" (86,4).

Stryker reserves the right to change specifications without notice.

The Performance-PRO™ XT is designed to conform to the Federal Specification for the Star-of-Life Ambulance (KKK-A-1822).

The Performance-PRO™ XT is designed to be compatible with competitive cot fastener systems.

Patents pending.

**The yellow and black color scheme is a proprietary trademark of Stryker Corporation.**

# Introduction

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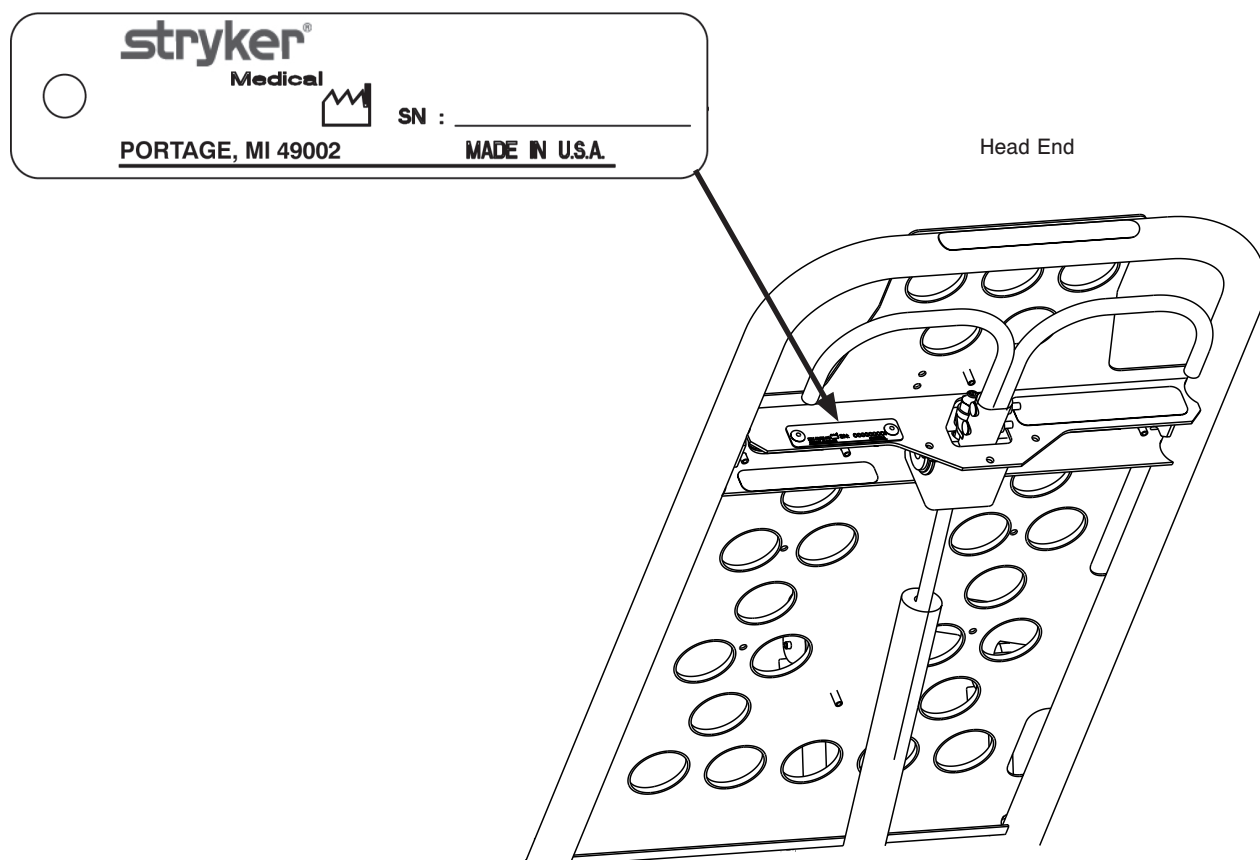
## CONTACT INFORMATION

Contact Stryker Customer Service or Technical Support at: (800) 327-0770 or (269) 324-6500.

Stryker Medical  
3800 E. Centre Avenue  
Portage, MI 49002  
USA

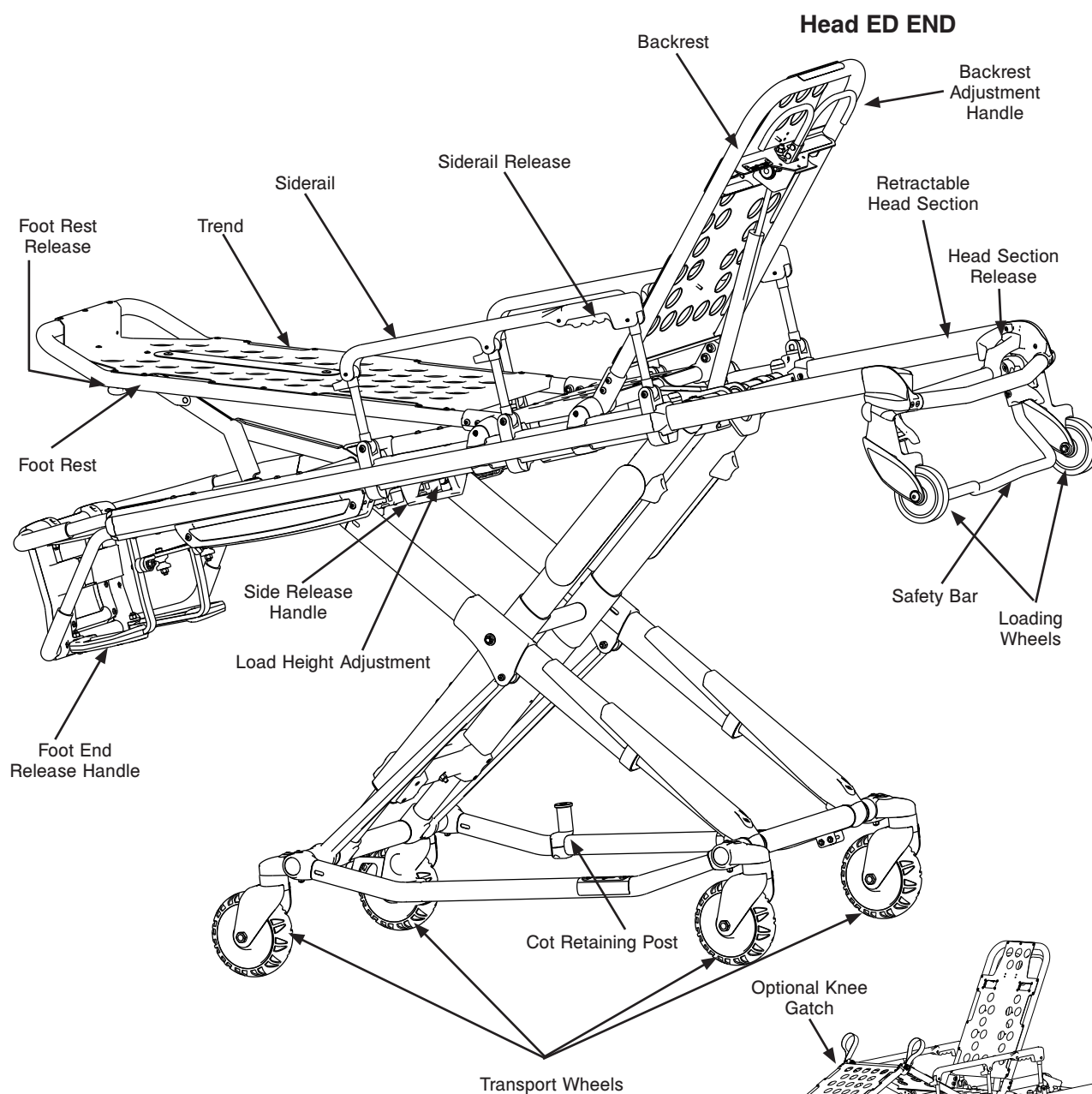
## SERIAL NUMBER LOCATION

Please have the serial number (see Figure 1) of your Stryker product available when calling Stryker Customer Service or Technical Support. Include the serial number in all written communication.

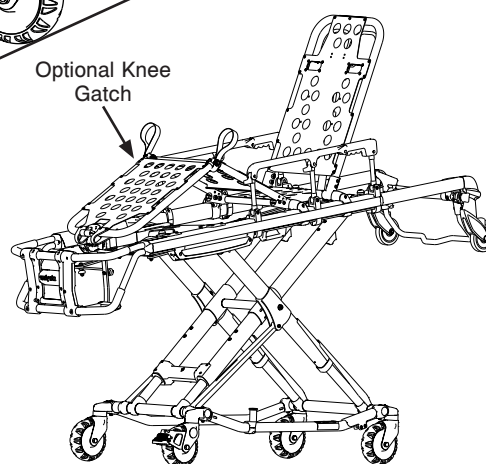


**Figure 1 - Cot Serial Number & Location**

# Component Identification



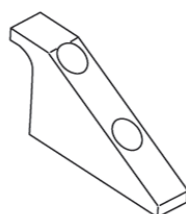
**Figure 2 - Cot Components**



**Figure 3 - Cot with Knee Gatch Option**



J Safety Hook  
Stryker part number  
6092-036-018



Long Safety Hook  
Stryker part number  
6060-036-018



Short Safety Hook  
Stryker part number  
6060-036-017



# Warranty

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**Stryker EMS**, a division of the Stryker Corporation, offers two distinct warranty options in the United States:

**One (1) year parts and labor.** Under this option, Stryker EMS warrants to the original purchaser that its products should be free from manufacturing non-conformances that affect product performance and customer satisfaction for a period of one (1) year after date of delivery. Stryker's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product that is, in the sole discretion of Stryker, found to be defective.

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

Under either warranty option, Stryker EMS products are designed for a 7 year expected service life under normal use, conditions, and with appropriate periodic maintenance as described in the maintenance manual for each device. Stryker warrants to the original purchaser that the welds on its EMS products will be free from structural defects for the expected 7 year life of the EMS product as long as the original purchaser owns the product. Original purchasers will also obtain a three (3) year limited parts warranty for the X-frame components.

If Stryker requests, products or parts for which an original purchaser makes a warranty claim, the purchaser shall return the product or part prepaid freight to Stryker's factory.

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

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

# Warranty

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## STRYKER EMS RETURN POLICY

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

### Prior to 30 Days

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

### Prior to 90 Days

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

### Prior to 180 Days

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

## RETURN AUTHORIZATION

Merchandise cannot be returned without approval from the Stryker Customer Service Department. An authorization number will be provided which must be printed on the returned merchandise. Stryker reserves the right to charge shipping and restocking fees on returned items.

**SPECIAL, MODIFIED, OR DISCONTINUED ITEMS NOT SUBJECT TO RETURN.**

## DAMAGED MERCHANDISE

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

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

## INTERNATIONAL WARRANTY CLAUSE

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

## PATENT INFORMATION

Stryker products are covered by one or more of the following patents:

United States	5,575,026	6,276,010	6,648,343	6,908,133	6,796,757
	5,537,700	6,125,485	6,735,794	7,100,224	7,398,571
	D527,103				

Other Patents Pending

# Summary of Safety Precautions

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Carefully read and strictly follow the warnings and cautions listed on this page. Service only by qualified personnel.

---

## **WARNING**

- Improper usage of the cot can cause injury to the patient or operator. Operate the cot only as described in this manual.
  - Do not modify the Performance-PRO™ XT cot or any components of the cot. Modifying the product can cause unpredictable operation resulting in injury to the patient or operator. Modifying the product also voids its warranty (see [page 11](#)).
  - It is the responsibility of the cot operator to ensure that the cot being used in the Stryker Cot Fastener system meets the installation specifications listed on [page 18](#). Injury may result if a non-compatible cot is used in the Stryker Cot Fastener system.
  - Have the vehicle safety hook installed by a certified mechanic. Improper safety hook installation can cause injury to the patient or operator and/or damage to the cot.
  - Failure to install the safety hook can cause injury to the patient or operator. Install and use the safety hook as described on [page 21](#).
  - The face of the safety hook that engages the safety bar should be located at least 3-3/4" from the leading edge of the door sill. After installation, verify that the cot legs lock into the load position without contacting the vehicle bumper.
  - To avoid injury, verify that the safety bar has engaged the safety hook before removing the cot from the patient compartment.
  - The cot must have at least 5/8" of clearance between the vehicle bumper and the cot to disengage the safety bar when unloading the cot from the vehicle. Verify that the cot legs lock into the load position before disengaging the safety bar from the safety hook. Failure to properly lock the cot into position can cause injury to the patient or operator and/or damage to the cot.
  - Before placing the cot into service, confirm that the cot load height is set correctly for your vehicle.
  - Always use all restraint straps to secure the patient on the cot. An unrestrained patient may fall from the cot and be injured.
  - Do not attach restraints to the base or cross-tubes, improper restraint attachment could result in damage to the cot further resulting in injury to the patient or operator.
  - To avoid accidental release of the Pedi-Mate® and possible injury to the infant, ensure that the buckle is located away from obstructions on the cot or accessories.
  - Never apply the optional wheel lock(s) while a patient is on the cot. Tipping could occur if the cot is moved while wheel locks are applied, resulting in injury to the patient or operator and/or damage to the cot.
  - Never leave a patient unattended on the cot or injury could result. Hold the cot securely while a patient is on the cot.
  - Never install or use wheel locks on a cot with excessively worn wheels. Installing or using wheel locks on wheels with less than a 6" diameter could compromise the holding ability of the wheel lock, resulting in injury to the patient or operator and/or damage to the cot or other equipment.
  - Siderails are not intended to serve as a patient restraint device. See [page 34](#) for proper restraint strap usage. Failure to utilize the siderails properly could result in patient injury.
  - When the optional head-end storage flat is being used, ensure that it does not interfere with the operation of the retractable head section, safety bar and safety hook. Injury to the patient or operator could result.
  - When the optional backrest storage pouch is being used, make sure that it does not interfere with the operation of the safety bar and safety hook. Injury to the patient or operator could occur.
  - If the cot is equipped with the optional retractable head section oxygen bottle holder, use caution while the oxygen bottle holder is installed to avoid pinching your fingers between the fowler bracket and the oxygen bottle.
  - Stryker recommends that a two person operation is used when using the kickstand.
  - Make sure that the patient weight is centered on the cot before using the kickstand.
  - Engage the kickstand with your foot only.
  - Lower cot height prior to engaging kickstand for increased stability.
  - Make sure that the kickstand remains in the retracted position and does not engage during transport.
  - Do not use the kickstand as a brake.
  - Do not engage kickstand on a sloped surface.
-

# Summary of Safety Precautions

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## WARNING (CONTINUED)

- Do not allow untrained helpers to assist in the operation of the cot. Untrained technicians/helpers can cause injury to the patient or themselves.
  - Ensure proper hand placement on hand grips. Hands should be clear of red safety bar pivots while loading and unloading the cot or whenever changing height position of the cot with two or more operators.
  - The one person loading and unloading procedures are for use only with an empty cot. Do not use the procedures when loading or unloading a patient. Injury to the patient or operator could result.
  - Do not pull or lift on the safety bar when unloading the cot. Damage to the safety bar could result and injury to the patient or operator could occur.
  - Be sure the undercarriage has engaged and is locked before removing the loading wheels from the patient compartment floor of the vehicle. An unlocked undercarriage will not support the cot and injury to the patient or operator could result.
  - Grasping the cot improperly can cause injury. Keep hands, fingers and feet away from moving parts. Use extreme caution when placing your hands and feet near the base tubes while raising and lowering the cot to avoid injury.
  - When operating the side release handle, keep hands away from the foot end release handle to avoid injury.
  - To avoid injury, always verify that the head section is locked into place prior to operating the cot.
  - When using a standard cot fastener, do not attempt to load the cot into the patient compartment with the head section retracted. Loading the cot with the head section retracted may cause the product to tip or not engage properly in the cot fastener, possibly causing injury to the patient or operator and/or damage to the product.
  - If lowering the cot to the lowest position (position 1), remove your foot from the base tube or injury could result.
  - Use any appropriate personal safety equipment (goggles, respirator, etc.) to avoid the risk of inhaling contagion. Use of power washing equipment can aerate contamination collected during the use of the cot.
  - **SOME CLEANING PRODUCTS ARE CORROSIVE IN NATURE AND MAY CAUSE DAMAGE TO THE PRODUCT IF USED IMPROPERLY.** If the products described above are used to clean Stryker patient care equipment, measures must be taken to ensure that the cots are wiped with clean water and thoroughly dried following cleaning. Failure to properly rinse and dry the cots leaves a corrosive residue on the surface of the cots, possibly causing premature corrosion of critical components.
  - Failure to properly clean or dispose of contaminated mattress or cot components increases the risk of exposure to bloodborne pathogens and may cause injury to the patient or the operator.
- 



## CAUTION

- Set the cot load height to the proper stop height prior to operation.
- Installation of the safety hook should be done by a certified mechanic familiar with ambulance vehicle construction. Consult the vehicle manufacturer before installing the safety hook and be sure that the installation of the safety hook does not damage or interfere with the brake lines, oxygen lines, fuel lines, fuel tank or electrical wiring of the vehicle.
- Ensure that the restraints are not entangled in the base frame when raising and lowering the cot.
- Wheel locks are only intended to help prevent the cot from rolling while unattended. Wheel locks may not provide sufficient resistance on all surfaces or under loads.
- The cot fastener is configured for an X-frame cot. If the fastener has been configured for an H-frame style cot, adjust the cot retaining post to accommodate the fastener.
- Do not store items under the cot mattress. Storing items under the mattress can interfere with the operation of the cot.
- The weight of the equipment in the head end storage flat (if equipped) must not exceed 40 pounds (18 kg).
- The weight of the equipment in the pocketed backrest storage pouch (if equipped) must not exceed 20 pounds (9 kilograms).
- To avoid damage to the optional equipment hook, the weight of the accessories or equipment must not exceed 20 pounds (9 kilograms).
- To avoid damage to the retractable head section oxygen bottle holder (if equipped), the weight of the equipment must not exceed 40 pounds (18 kg).
- Do not use two head end oxygen bottle holders at the same time.
- To avoid damage to the I.V. pole, the weight of the I.V. bags or equipment must not exceed 40 pounds (18 kg).

# Summary of Safety Precautions

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## CAUTION (CONTINUED)

- Do not allow the cot undercarriage to drop unassisted (commonly known as a “hot drop”) when removing the cot from the vehicle. Repeated hot dropping causes premature wear or damage to the cot.
  - When cleaning the unit:
    - DO NOT STEAM CLEAN OR ULTRASONICALLY CLEAN THE UNIT
    - Maximum water temperature should not exceed 180°F/82°C.
    - Maximum air dry temperature (cart washers) is 240°F/116°C.
    - Maximum water pressure should not exceed 1500 psi/130.5 bar. If a hand held wand is being used to wash the unit, the pressure nozzle must be kept a minimum of 24 inches (61 cm) from the unit.
    - Towel dry all casters and interface points.
    - Failure to comply with these instructions may invalidate any/all warranties.
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# Summary of Safety Precautions

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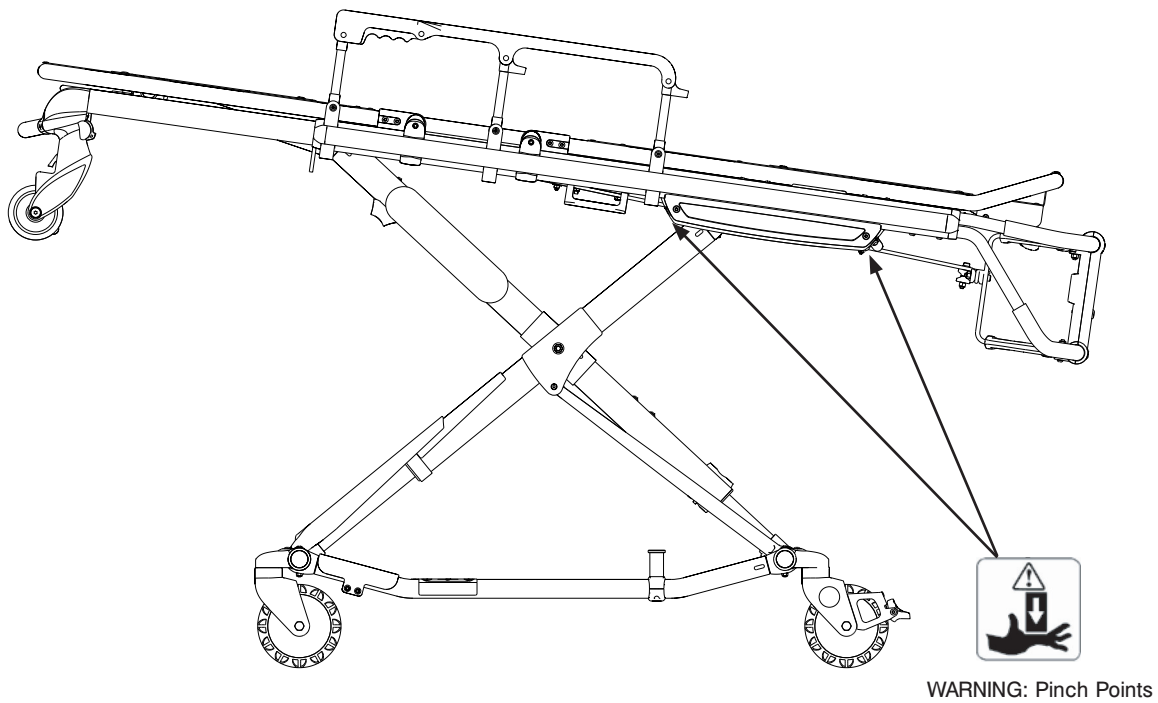


Figure 4 - Potential Pinch Points

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## WARNING

Ensure proper hand placement on hand grips. Hands should be clear of red safety bar pivots while loading and unloading the cot or whenever changing height position of the cot with two or more operators.

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# Setup Procedures

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**Ensure that all shipping and packaging materials have been removed from the product(s) prior to use.**

Unpack the cartons and check all items for proper operation. It is important that the cot is working properly before it is put into service. Have a qualified service person use the following list and the operation instructions to check the cot before it is put into service. See Figure 3 on [page 10](#) to identify all of the cot components.

Before placing the Performance-PRO™ XT cot into service, check these components:

- All fasteners are secure
- All welds are intact (not cracked or broken)
- No bent or broken tubing or sheet metal
- No debris in wheels
- All wheels are secure, and rolling and swivelling properly
- Both siderails move and latch properly
- Backrest operates properly
- Optional accessories are intact and operate properly
- Height positioning latch function operates properly
- Cot secure in each height position (see [page 25](#))
- Undercarriage folds properly
- Retractable head section operates properly
- Safety bar operates properly
- Foot rest operates properly
- No rips or cracks in the mattress cover
- Body restraints are intact and operate properly
- Wheel lock(s) operate properly (optional equipment)
- Vehicle safety hook engages the safety bar so that the cot loads and unloads properly from the vehicle (see [page 21](#))
- Approved cot fastener (Stryker Model 6370/6377/6378/6379 or 6371 Cot Fastener – Not included) installed in the vehicle (see [page 18](#))
- Adjust cot load height (see [page 24](#))

The patient compartment of the vehicle in which the cot will be used must have a:

- Smooth rear edge for cot loading.
- Level floor large enough for the folded cot.
- Stryker Model 6370/6377/6378/6379 or 6371 Cot Fastener System (not included).
- 34" (86,4 cm) maximum loading height.
- Space to properly install the safety hook.

**Note:** Loose items or debris on the patient compartment floor can interfere with the operation of the safety hook and cot fastener. Keep the patient compartment floor clear.

When necessary, modify the vehicle to fit the cot. Do not modify the cot.



## **WARNING**

- Improper usage of the cot can cause injury to the patient or operator. Operate the cot only as described in this manual.
  - Do not modify the Performance-PRO™ XT cot or any components of the cot. Modifying the product can cause unpredictable operation resulting in injury to the patient or operator. Modifying the product also voids its warranty (see [page 11](#)).
-

# Cot Fastener Installation

---

The Stryker Cot Fastener Systems are designed to be compatible only with cots that conform to the installation specifications as shown in Figures 5 and 6 on [page 19](#).

---

## **WARNING**

It is the responsibility of the cot operator to ensure that the cot being used in the Stryker Cot Fastener System meets the installation specifications listed on [page 19](#). Injury may result if a non-compatible cot is used in the Stryker Cot Fastener System.

---

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

For more detailed instruction and operation instructions for the Stryker Cot Fastener Systems, see the Ambulance Cot Fastener Operations/Maintenance manual (part number 6370-090-010).



# Cot Fastener Installation

## INSTALLATION SPECIFICATIONS

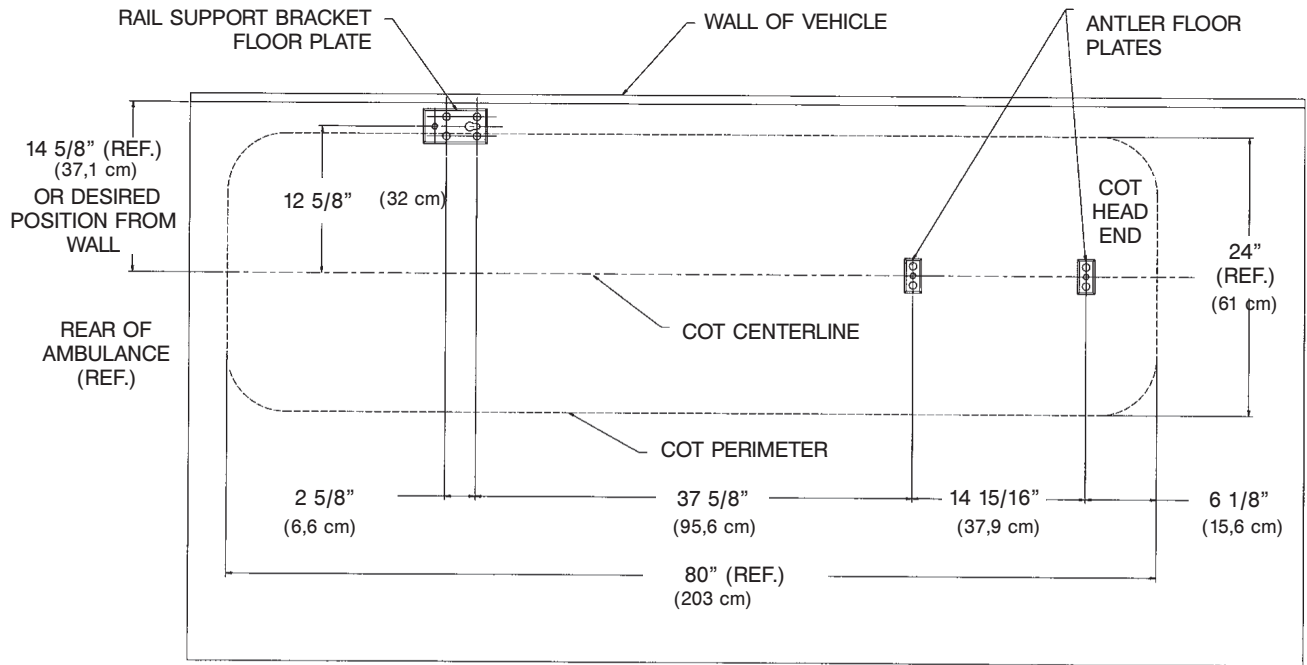


Figure 5 - Installation Specifications - Floor Mount Fastener

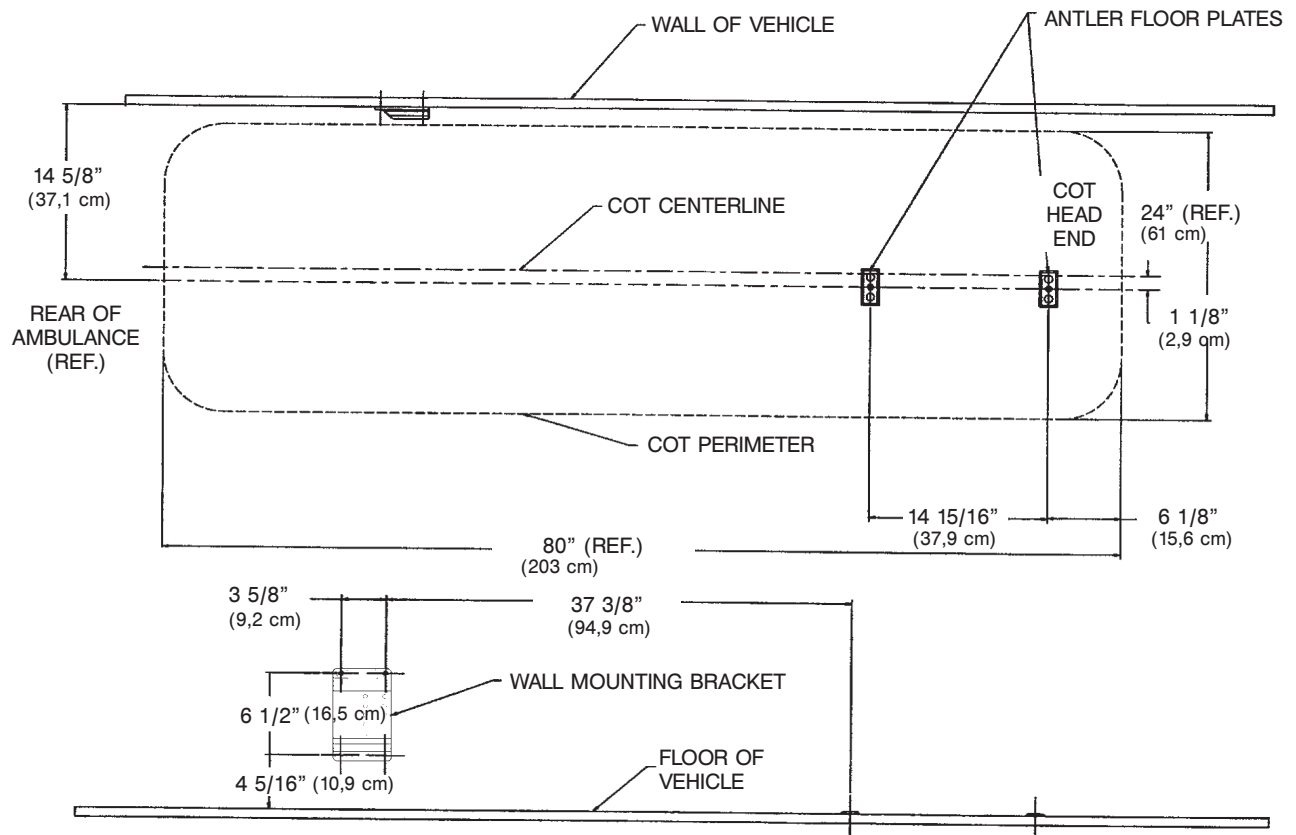


Figure 6 - Installation Specifications - Wall Mount Fastener

# Vehicle Safety Hook Selection

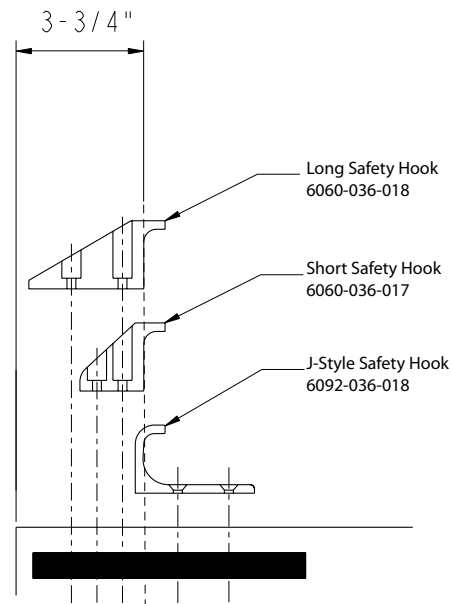
The vehicle safety hook is a device that ships with the cot. The cot safety bar and vehicle safety hook are designed to keep the cot from being accidentally removed from the vehicle and to provide increased operator assurance and confidence when loading and unloading. The safety hook was designed for compatibility and proper operation when loading and unloading the cot from a vehicle that is compliant with Federal Regulation KKK-A-1822.

Stryker offers three different types of safety hooks (see Figure 7) that are ordered and shipped with your ambulance cot. These safety hook types are designed to meet the needs of various emergency vehicle configurations, specifically the length and location of the floor structure support that is located in the rear of the vehicle.

Consider the following information when selecting which safety hook is appropriate for your vehicle configuration:

- Determine the location of the floor structure support where there is adequate room to mount the safety hook.
- Ensure that the safety hook can be securely mounted into the back of the vehicle while providing adequate bumper clearance to allow the cot to be loaded and unloaded from the vehicle.
- Note the differences in vehicle design. Each safety hook provides a different mounting location option to maintain the appropriate distance between the face of the safety hook and the edge of the door sill.

Due to the differences in vehicle dimensions and the floor structure support locations, each safety hook requires a different mounting location. See “Vehicle Safety Hook Installation” on [page 21](#) to determine the correct positioning for safety hook installation.



**Figure 7 - Safety Hook Types**

**Note:** When replacing an existing safety hook with a new style, adjust the mounting location to maintain the proper position of the safety hook face (see Figure 7).

# Vehicle Safety Hook Installation

## VEHICLE CONFIGURATION

According to federal regulations (reference KKK-A-1822), the bumper height of the vehicle shall be installed equidistant  $\pm 5$  cm (2 inches) from the vehicle floor to the ground level, which is defined as the vehicle deck height (see Figure 8a). The bumper step shall have a minimum depth of 13 cm (5 inches) and a maximum depth of 25 cm (10 inches). If the bumper depth is greater than 18 cm (7 inches), then the bumper must be able to fold. Installation of the safety hook into any vehicle compliant with this federal specification provides adequate clearance for the cot base to lower to its fully extended position (see Figure 8b). The cot is compatible with all vehicle deck heights (see the Maximum Load Height for Performance-PRO™ XT on [page 8](#)) as long as the vehicle meets the federal specifications that are outlined in KKK-A-1822.

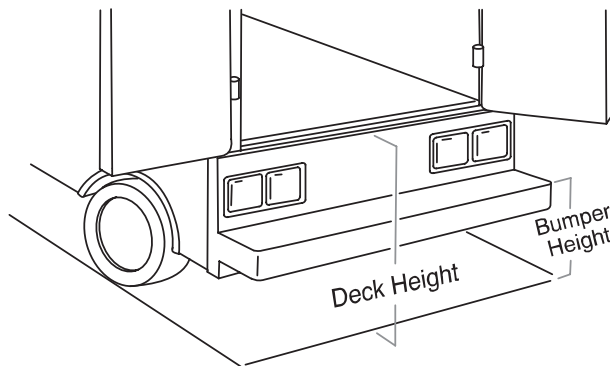


Figure 8a - Vehicle Deck Height

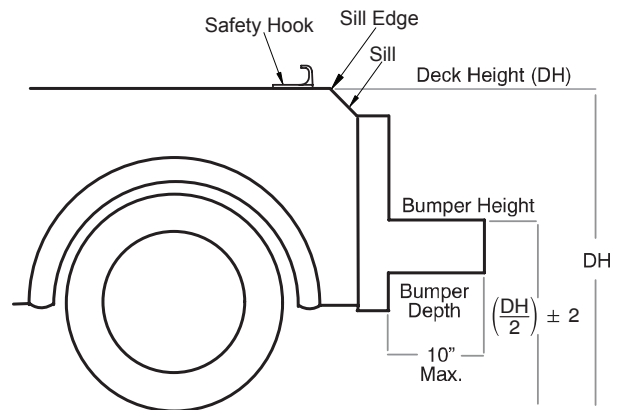


Figure 8b - Vehicle Deck Height

### CAUTION

- Set the cot load height to the proper stop height prior to operation.
- Installation of the safety hook should be done by a certified mechanic familiar with ambulance vehicle construction. Consult the vehicle manufacturer before installing the safety hook and be sure that the installation of the safety hook does not damage or interfere with the brake lines, oxygen lines, fuel lines, fuel tank or electrical wiring of the vehicle.

## REQUIRED HARDWARE FOR INSTALLATION OF THE SAFETY HOOK (NOT SUPPLIED)

- (2) Grade 5, 1/4"-20 Socket Head Cap Screws\*
- (2) Grade 5, 1/4"-20 Flat Socket Head Cap Screws\*
- (2) Flat Washers
- (2) Lock Washers
- (2) 1/4"-20 Nuts

\* The length of the socket head cap screws depends on the thickness of the vehicle floor. Use screws that are long enough to go completely through the patient compartment floor, washer and nut by at least two full threads.

# Vehicle Safety Hook Installation

## WARNING

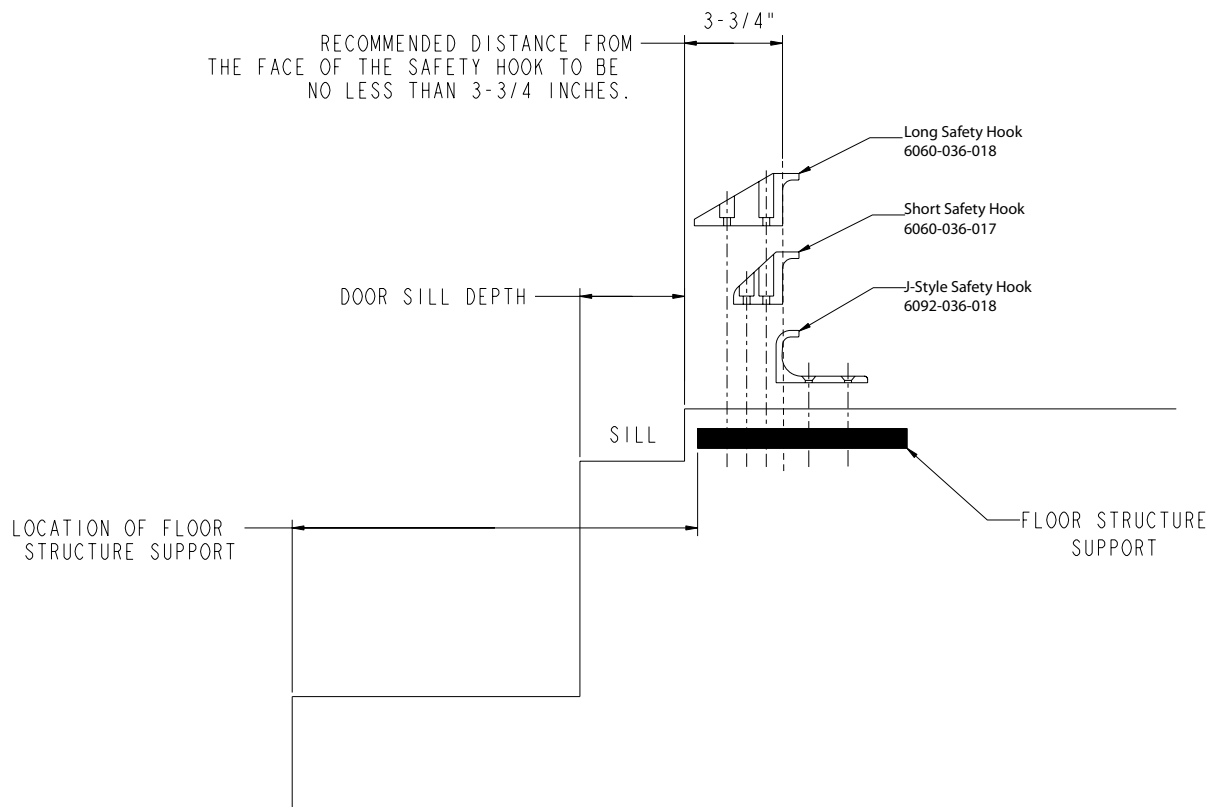
- Have the vehicle safety hook installed by a certified mechanic. Improper safety hook installation can cause injury to the patient or operator and/or damage to the cot.
- Failure to install the safety hook can cause injury to the patient or operator.
- The face of the safety hook that engages the safety bar should be located at least 3-3/4" from the leading edge of the door sill. After installation, verify that the cot legs lock into the load position without contacting the vehicle bumper.
- To avoid injury, verify that the safety bar has engaged the safety hook before removing the cot from the patient compartment.

**Note:** Stryker recommends that, prior to installation, the certified mechanic plan the placement of the safety hook in the rear of the vehicle.

Before installing the safety hook into your vehicle, check the front to back and side to side positioning when unloading and loading the cot to ensure that the safety hook will be installed properly. The cot safety bar must engage the safety hook every time, regardless of cot position.

## FRONT TO BACK POSITIONING OF THE SAFETY HOOK

1. Select the appropriate safety hook for your vehicle configuration. For more information about the safety hook types and their positioning, see Figure 7 on [page 20](#).
2. Position the safety hook at least 3-3/4" from the leading edge of the door sill (see Figure 9).
3. Ensure that the safety hook can be securely mounted into the back of the vehicle while providing adequate bumper clearance to allow the cot to be loaded and unloaded from the vehicle.
4. See "Side to Side Positioning of the Safety Hook" on [page 23](#) to confirm the side to side placement.



**Figure 9 - Safety Hook Placement**

# Vehicle Safety Hook Installation

## SIDE TO SIDE POSITIONING OF THE SAFETY HOOK

1. Remove the cot from the fastener and unload it from the vehicle.
2. While the cot is being removed, note the position of the load wheels and the safety bar.
3. Mark the center of the cot safety bar on the vehicle floor (see Figure 10).
4. Verify that the position marked in Step 3 is where the safety bar engages the safety hook every time when unloading the cot in a variety of positions (all the way to the left and all the way to the right), regardless of cot position.
  - If the cot safety bar does not engage the safety hook in any of these positions (left, center, or right), modify the vehicle, not the cot or safety hook.
  - If the cot safety bar engages the safety hook every time, install the safety hook.

## INSTALLING THE SAFETY HOOK

1. Determine the correct safety hook front to back and side to side positioning, so the cot safety bar engages the safety hook every time.
2. Drill the holes for the socket head cap screws.
3. Fasten the safety hook to the patient compartment floor and verify that the safety hook always engages the cot safety bar regardless of how the cot is unloaded from the vehicle (see Figure 11).

### WARNING

Verify that the safety hook always engages the cot safety bar regardless of how the cot is unloaded from the vehicle or injury to the patient or operator and/or damage to the cot may occur.

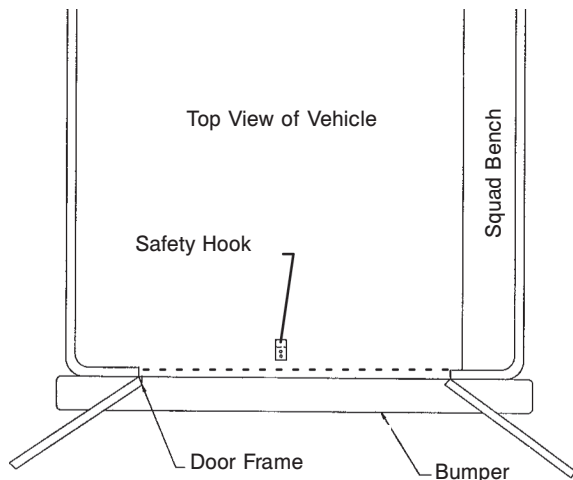


Figure 10 - Safety Hook Placement

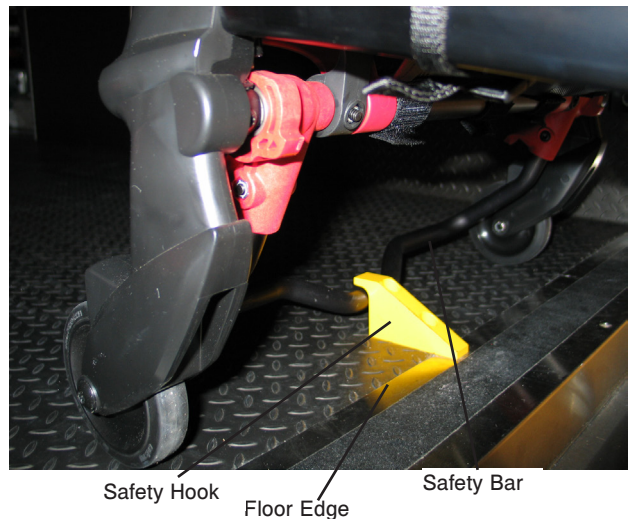


Figure 11 - Safety Bar Engaging Safety Hook

### WARNING

The cot must have at least 5/8" of clearance between the vehicle bumper and the cot to disengage the safety bar when unloading the cot from the vehicle. Verify that the cot legs lock into the load position before disengaging the safety bar from the safety hook. Failure to properly lock the cot into position can cause injury to the patient or operator and/or damage to the cot.

# Adjusting Cot Load Height

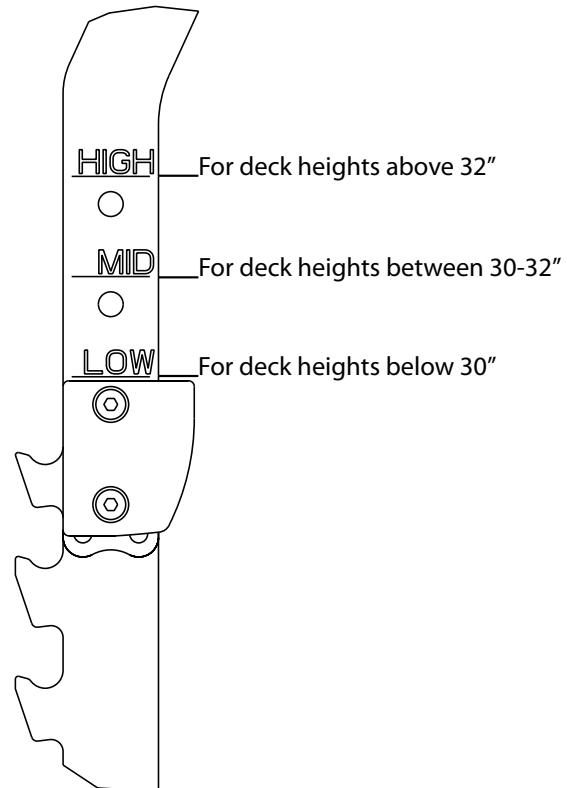
Before placing the cot into service, confirm that the cot load height is set correctly for your vehicle. The cot load height can be adjusted to match the height of the vehicle deck. If the cot does not line up correctly, adjustments may need to be made to the cot load height.

## **WARNING**

Before placing the cot into service, confirm that the cot load height is set correctly for your vehicle.

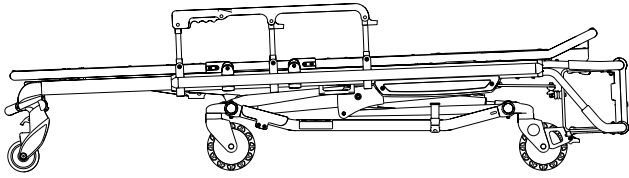
To check the load height of the Performance-PRO™ cot:

1. Roll the cot up to the loading area of your vehicle.
2. Compare the difference between the deck height of the vehicle and the load height of the cot.
3. Select HIGH, MID or LOW depending on the cot load height requirements (see Figure 12). For example:
  - The HIGH marking on the rack is recommended for vehicle deck heights above 32 inches.
  - The MID marking on the rack is recommended for vehicle deck heights between 30 and 32 inches.
  - The LOW marking on the rack is recommended for vehicle deck heights below 30 inches.
4. Verify that the safety hook always engages the cot safety bar, regardless of how the cot is unloaded from the vehicle. If the safety bar misses the safety hook, select the next lower height setting.

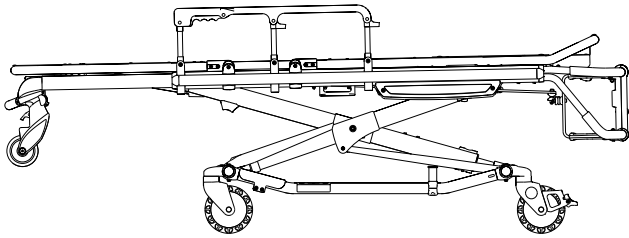


**Figure 12 - Cot Load Height**

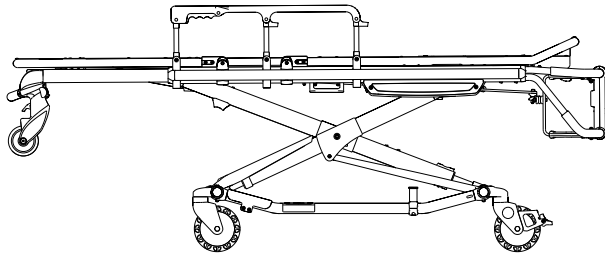
# Cot Positions



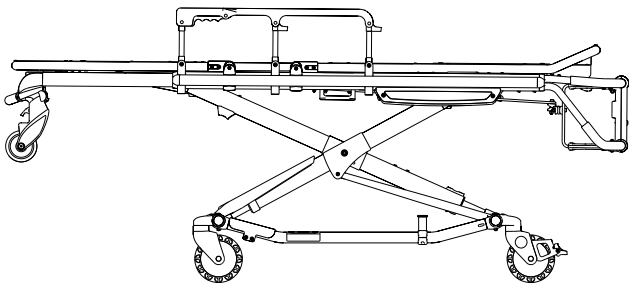
Position 1 - Use for patient transfer



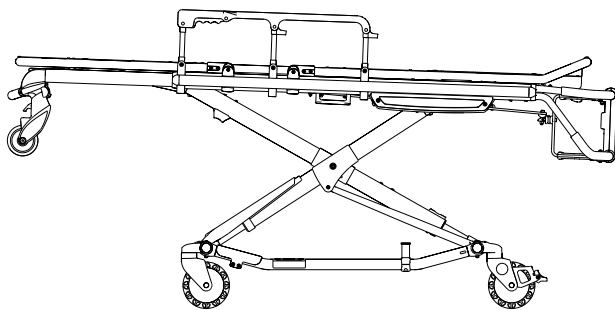
Position 2 - Use for patient transfer/cot rolling



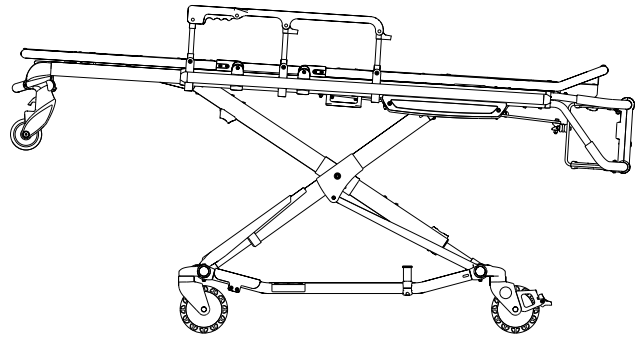
Position 3 - Use for patient transfer/cot rolling



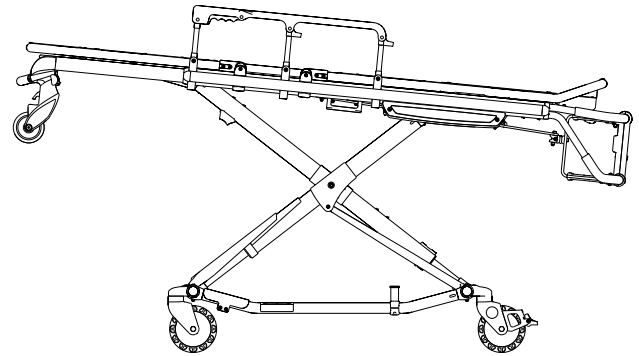
Position 4 - Use for patient transfer/cot rolling



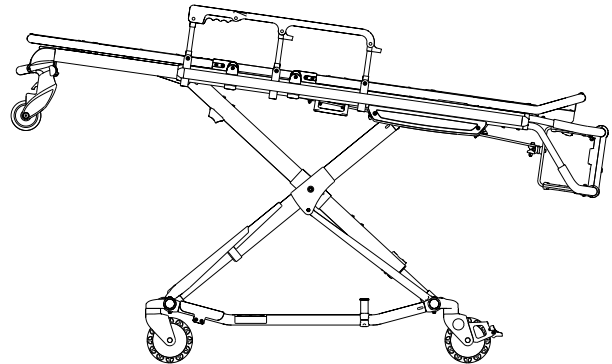
Position 5 - Use for patient transfer/cot rolling



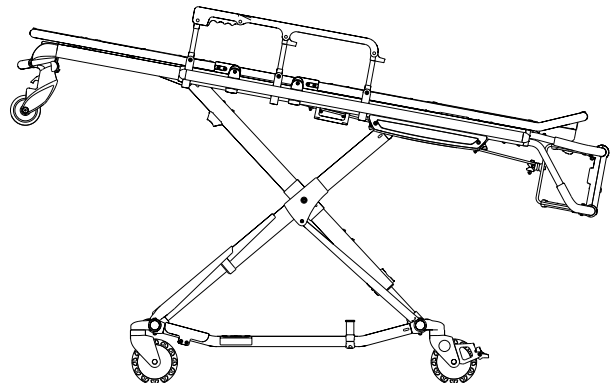
Position 6 - Use for patient transfer/cot rolling



Position 7 - Use for patient transfer/cot rolling (LOW)



Position 8 - Use for patient transfer/cot rolling (MID)



Position 9 - Use for patient transfer/cot rolling (HIGH)

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# Cot Operation

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## OPERATING GUIDELINES

Follow these guidelines when operating the cot:

- Use the cot only as described in this manual.
- Read all labels and instructions on the cot before using the cot.
- Use a minimum of two operators to manipulate the cot while a patient is on the cot.
- Do not adjust, roll or load the cot without advising the patient. Stay with the patient and control the cot at all times.
- Never apply the optional wheel lock while a patient is on the cot.
- Always use the restraint straps and keep the siderails up when a patient is on the cot.
- Use properly trained helpers when necessary to control the cot and patient.

---

### WARNING

Do not allow untrained helpers to assist in the operation of the cot. Untrained technicians/helpers can cause injury to the patient or themselves.

---

## TRANSFERRING THE PATIENT TO THE COT

To transfer the patient to the cot:

1. Roll the cot to the patient.
2. Place the cot beside the patient and raise/lower the cot to the patient's level.
3. Lower the siderails and open the restraint straps.
4. Transfer the patient to the cot using accepted EMS procedures.
5. Use all the restraints to secure the patient to the cot (see [page 34](#) for restraint strap usage instructions).
6. Raise the siderails and adjust the backrest and foot rest as necessary.

---

### WARNING

- Always use all of the restraint straps to secure the patient on the cot. An unrestrained patient may fall from the cot and be injured.
  - Never apply the optional wheel lock(s) while a patient is on the cot. Tipping could occur if the cot is moved while wheel locks are applied, resulting in injury to the patient or operator and/or damage to the cot.
- 

## ROLLING THE COT

When rolling the cot:

- Make sure that all of the restraint straps are securely buckled around the patient.
- Place the cot in any position for rolling.
- Position an operator at the foot end and one at the head end of the cot **at all times** when rolling the cot with a patient on it.
- Approach door sills and/or other low obstacles squarely and lift each set of wheels over the obstacle separately.

---

### WARNING

- High obstacles such as curbing, steps or rough terrain can cause the cot to tip, possibly causing injury to the patient or operator.
  - If the cot is equipped with the optional kickstand, make sure that the kickstand remains in the retracted position and does not engage during transport.
  - Transporting the cot in lower positions reduces the potential of a cot tip. If possible, obtain additional assistance or take an alternate route.
-



# Cot Operation

## ADJUSTING THE HEIGHT OF THE COT WITH TWO OPERATORS

Changing the height of the cot while a patient is on the cot requires a minimum of **two (2) operators** who are positioned at each end of the cot or side of the cot.

### To raise or lower the cot from the ends:

1. The operator at the foot end of the cot squeezes the release handle (A or B) while a secure grip is maintained on the lifting bars (see Figure 13).
2. Both operators must lift the cot until the weight is off the latching mechanism (approximately 1/4").
3. The operator at the foot end squeezes and holds the release handle and both operators then raise or lower the cot together. The handle is released when the desired position is reached. Both operators should maintain a secure grip on the litter frame until the latching mechanism is securely locked into position.

### To raise or lower the cot from the sides:

1. Check the cot to determine if the side release handle is on the patient left or right side.
2. The operator on the patient's right or left (depending on the location of the release handle) reaches the release handle at the midpoint of the litter (C). Both operators must lift the cot until the weight is off the latching mechanism (approximately 1/4") (see Figure 13).
3. The operator at the patient's right or left (depending on the location of the release handle) squeezes and holds the release handle. Both operators then raise or lower the cot together. The handle is released when the desired position is reached. Both operators should maintain a secure grip on the litter frame until the latching mechanism is securely locked into position.

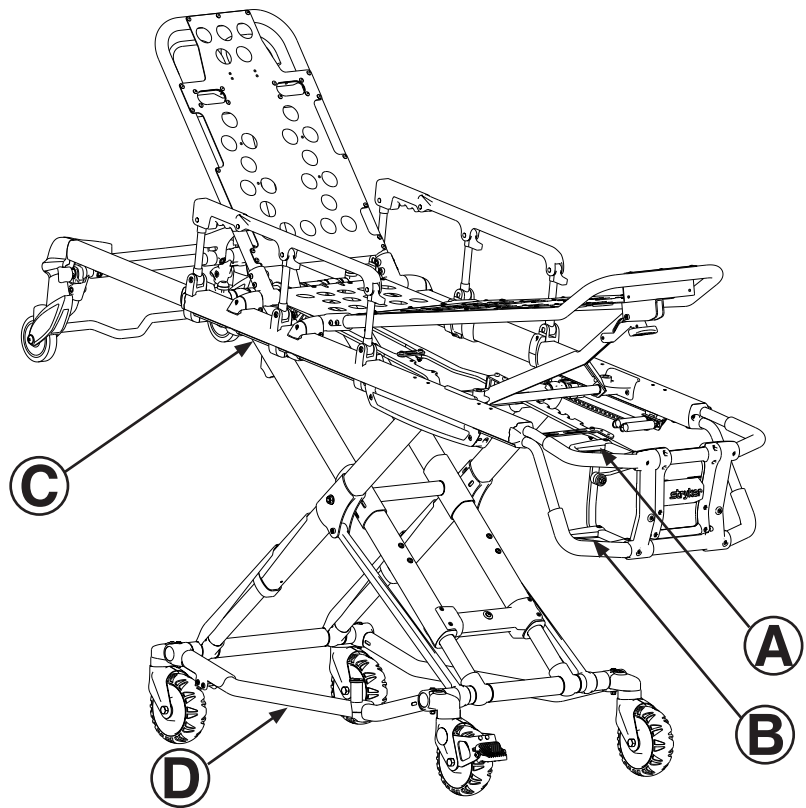


Figure 13 - Adjusting the Cot Height

### WARNING

- Grasping the cot improperly can cause injury. Keep hands, fingers and feet away from moving parts. To avoid injury, use extreme caution when placing your hands and feet near the base tubes while raising and lowering the cot.
- Ensure proper hand placement on hand grips. Hands should be clear of red safety bar pivots while loading and unloading the cot or whenever changing height position of the cot with two or more operators.
- When operating the side release handle, keep hands away from the foot end release handle to avoid injury.

# Cot Operation

## ADJUSTING THE HEIGHT OF AN EMPTY COT WITH ONE OPERATOR

### To raise or lower the cot from the foot end:

1. Standing at the foot end of the cot, grasp the lower foot end lift tube.
2. Tip the cot up onto the load wheels (see Figure 14).
3. Squeeze and hold the release handle and raise or lower the foot end to the desired position. The handle is released when the desired position is reached.
4. Lower the cot back onto the four base wheels (see Figure 15).



Figure 14 - Cot Tipped on Load Wheels



Figure 15 - Cot Lowered to Ground

### To raise or lower the cot from the side:

1. Place one foot on the outer base tube.
2. Grasp the side release handle with one hand. Place your other hand on the outer support rail to help stabilize the cot (see Figure 16).
3. Squeeze the side release handle and raise or lower the cot to the desired position. The handle is released when the desired position is reached (see Figure 17).

### WARNING

If lowering the cot to the lowest position (position 1), remove your foot from the base tube or injury could result.



Figure 16 - Holding Outer Support Rail



Figure 17 - Lowering Cot from Side

# Cot Operation

## LOADING THE COT INTO A VEHICLE WITH TWO OPERATORS

### WARNING

- Two operators must be present when the cot is occupied.
- Operators must be able to lift the total weight of the patient, cot and any items on the cot.
- The higher an operator must lift the cot, the more difficult it becomes to hold the weight. An operator may need help loading the cot if he/she is too short or if the patient is too heavy to lift safely. The operator must be able to lift the cot high enough for the cot legs to unfold completely and lock when the cot is unloaded. A shorter operator needs to raise their arms higher to enable the undercarriage to unfold.
- Ensure proper hand placement on hand grips. Hands should be clear of red safety bar pivots while loading and unloading the cot or whenever changing height position of the cot with two or more operators.
- There must be a safety hook properly installed in the vehicle so that the bumper does not interfere with the front legs of the base frame. (See [page 21](#) for safety hook installation instructions.)
- Failure to install the safety hook can cause injury to the patient or operator. Install and use the safety hook as described on [page 21](#).



Figure 18 - Safety Bar Engaging the Safety Hook



Figure 19 - 2 Operators with One Lifting the Base

### To load the cot into a vehicle with two operators:

1. Place the cot in a loading position (any position where the loading wheels meet the vehicle floor height). Roll the cot to the open door of the patient compartment. Lift the vehicle bumper to the raised position (if equipped).
2. Push the cot forward until the loading wheels are on the patient compartment floor and the safety bar passes the safety hook as shown in Figure 18.
3. For maximum clearance to lift the base, pull the cot back until the safety bar engages the safety hook. Operator 2 should verify that the bar engages the safety hook.
4. **Operator 1** – Grasp the cot frame at the foot end. Lift the foot end of the cot until the weight is off of the latching mechanism. Squeeze and hold the release handle (A or B, as shown in Figure 13 on [page 27](#)).
5. **Operator 2** – Stabilize the cot by placing your hand on the outer rail (C). Grasp the base frame where indicated (D). After the foot end operator lifts the cot and squeezes the release handle, raise the undercarriage until it stops in the uppermost position and hold it there (see Figure 19). The foot end operator should release the handle to lock the base in the retracted position.
6. **Both Operators** – Push the cot into the patient compartment (see Figure 20), engaging the cot fastener (not included).



Figure 20 - 2 Operators with Base Full Up



# Cot Operation

## LOADING AN EMPTY COT INTO A VEHICLE WITH ONE OPERATOR

### WARNING

- The one person loading and unloading procedures are for use only with an empty cot. Do not use the procedures when loading or unloading a patient. Injury to the patient or operator could result.
- Ensure proper hand placement on hand grips. Hands should be clear of red safety bar pivots while loading and unloading the cot or whenever changing height position of the cot with two or more operators.

### To load an empty cot into a vehicle with one operator:

1. Place the cot in a loading position (any position in which the load wheels meet the vehicle floor height).
2. Lift the vehicle bumper to the raised position (if equipped).
3. Roll the cot to the open door of the patient compartment.
4. Push the cot forward until the loading wheels are on the compartment floor and the safety bar passes the safety hook.
5. Pull the cot back until the safety bar engages the safety hook.
6. Grasp the cot frame at the foot end and squeeze and hold the release handle (see Figure 21).
7. Lower the foot end of the cot to the ground, making sure that the cot locks in position 1 (see Figure 22).
8. Lift the foot end of the cot until it is level with the compartment floor (see Figure 23).
9. Grasp the base of the cot with one hand and pull up the base of the cot towards the litter, reducing the space between the base and the litter.
10. Push the cot into the patient compartment by guiding it into the cot fastener.

### WARNING

Do not pull or lift on the safety bar when unloading the cot. Damage to the safety bar could result and injury to the patient or operator could occur.



Figure 21 - Squeeze the Release Handle



Figure 22 - Lower the Foot End of the Cot



Figure 23 - Pull Up the Base of the Cot

# Cot Operation

## UNLOADING THE COT FROM A VEHICLE WITH TWO OPERATORS

### WARNING

- Failure to install the safety hook can cause injury to the patient or operator. Install and use the safety hook as described on [page 21](#).
- To avoid injury, verify that the safety bar has engaged the safety hook before removing the cot from the patient compartment.
- Do not pull or lift on the safety bar when unloading the cot. Damage to the safety bar could result and injury to the patient or operator could occur.
- Ensure proper hand placement on hand grips. Hands should be clear of red safety bar pivots while loading and unloading the cot or whenever changing height position of the cot with two or more operators.

### To unload the cot from a vehicle with two operators:

1. Lift the vehicle bumper to the raised position (if equipped).
2. Disengage the cot from the cot fastener. (For more information about the cot fastener, see [page 18](#)).
3. Operator 1 – Grasp the cot frame. Pull the cot out of the patient compartment until the safety bar engages the safety hook (see Figure 24).
4. Operator 2 – Grasp the base frame where indicated, lift slightly, and lower the base frame to its fully extended position while operator 1 squeezes and holds the release handle (see Figure 25).
5. Operator 1 – Let go of the release handle and make sure that the undercarriage locks into place. Set the cot onto the ground.
6. Operator 2 – Disengage the safety bar from the safety hook by pushing the safety bar release lever forward.
7. Remove the cot loading wheels from the vehicle. Place the cot in any position, except full down for rolling.



Figure 24 - 2 Operators with Base Full Up

### CAUTION

Do not allow the cot undercarriage to drop unassisted (commonly known as a “hot drop”) when removing the cot from the vehicle. Repeated hot dropping causes premature wear or damage to the cot.

### WARNING

Be sure that the undercarriage has engaged and is locked before removing the loading wheels from the patient compartment floor of the vehicle. An unlocked undercarriage will not support the cot and injury to the patient or operator could result.



Figure 25 - 2 Operators with One Lowering the Base

# Cot Operation

## UNLOADING AN EMPTY COT FROM A VEHICLE WITH ONE OPERATOR

### WARNING

- The one person loading and unloading procedures are for use only with an empty cot. Do not use the procedures when loading or unloading a patient. Injury to the patient or operator could result.
- Do not pull or lift on the safety bar when unloading the cot. Damage to the safety bar could result and injury to the patient or operator could occur.
- Ensure proper hand placement on hand grips. Hands should be clear of red safety bar pivots while loading and unloading the cot or whenever changing height position of the cot with two or more operators.

### To unload an empty cot from a vehicle with one operator:

1. Lift the vehicle bumper to the raised position (if equipped).
2. Disengage the cot from the cot fastener. (For more information about the cot fastener, see [page 18](#)). Grasp the cot frame at the foot end; pull the cot from the vehicle until the safety bar engages the safety hook (see Figure 26).
3. Lower the foot end of the cot to the ground (see Figure 27).
4. Squeeze and hold the release handle (see Figure 28) and raise the foot end of the cot back to a level position with the compartment floor.
5. Disengage the safety bar from the safety hook by pushing the safety bar release lever forward and roll the cot out of the vehicle.



Figure 26 - Pull the Base of the Cot



Figure 27 - Lower the Foot End of the Cot



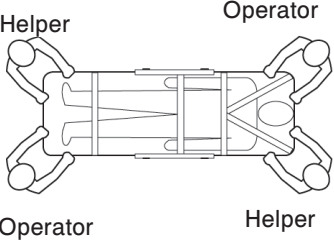
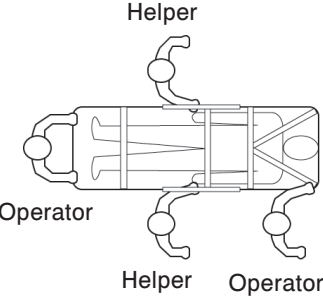
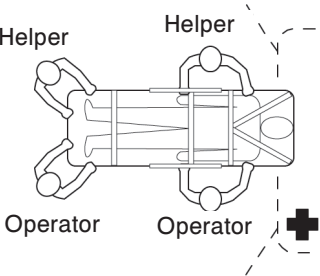
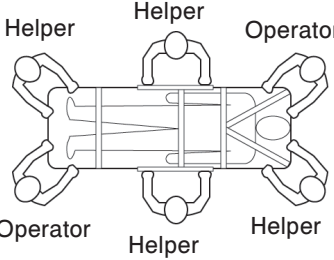
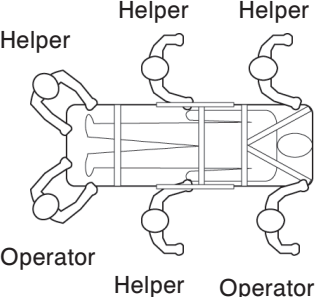
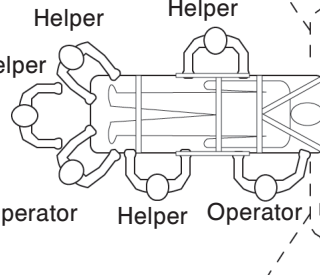
Figure 28 - Squeeze the Release Handle



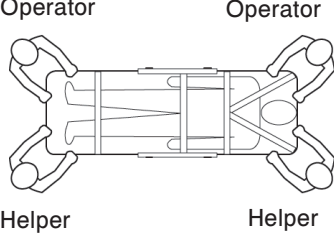
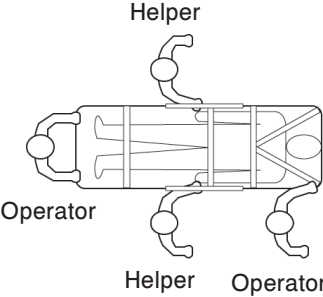
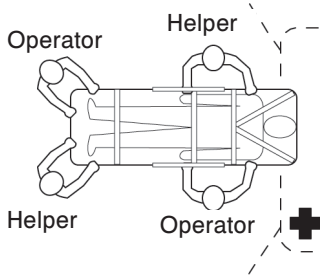
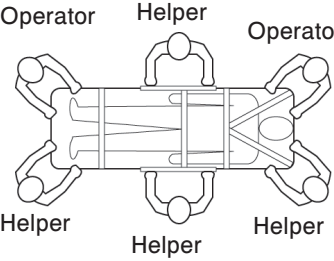
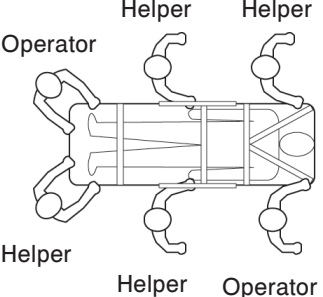
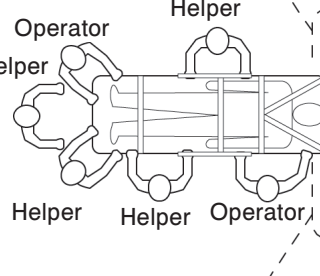
# Cot Operation

## USING ADDITIONAL ASSISTANCE

### IF EQUIPPED WITH THE RIGHT HAND RELEASE OPTION

	Changing Levels	Rolling	Loading/Unloading
Two Operators Two Helpers			
Two Operators Four Helpers			

### IF EQUIPPED WITH THE LEFT HAND RELEASE OPTION

	Changing Levels	Rolling	Loading/Unloading
Two Operators Two Helpers			
Two Operators Four Helpers			

[Return To Table of Contents](#)

# Cot Features

## USING RESTRAINT STRAPS

### WARNING

Always use all restraint straps to secure the patient on the cot. An unrestrained patient may fall from the cot and be injured.

Always secure the patient on the cot with all of the restraint straps. Buckle the restraints across the patient's chest, shoulders, waist and legs (see Figure 29). Keep the restraint straps buckled when the cot is not being used with a patient to avoid damage to the buckles and straps.

### WARNING

Do not attach restraints to the base or cross-tubes, improper restraint attachment could result in damage to the cot further resulting in injury to the patient or operator.

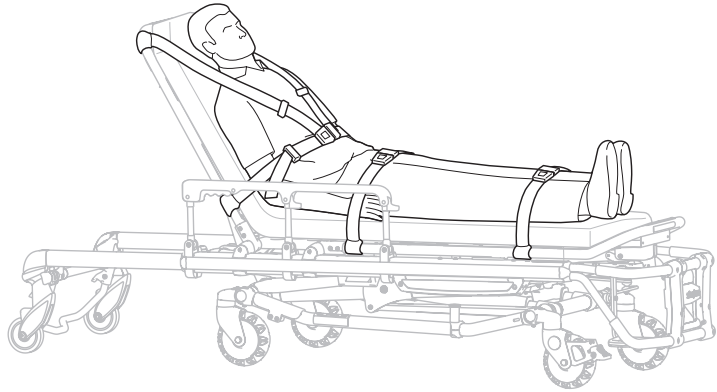


Figure 29 - Safety Restraints

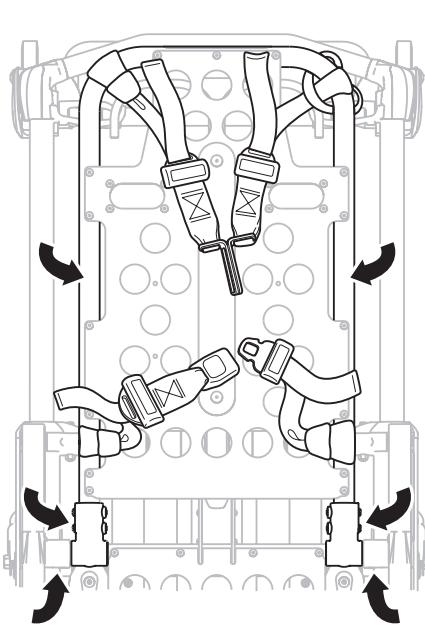


Figure 30 - Head Section Restraints

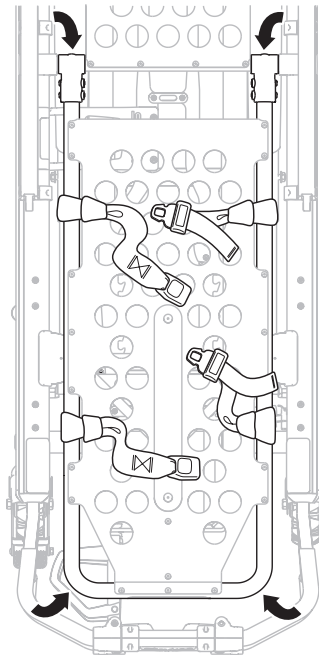


Figure 31 - Foot Section Restraints  
with Optional Trend

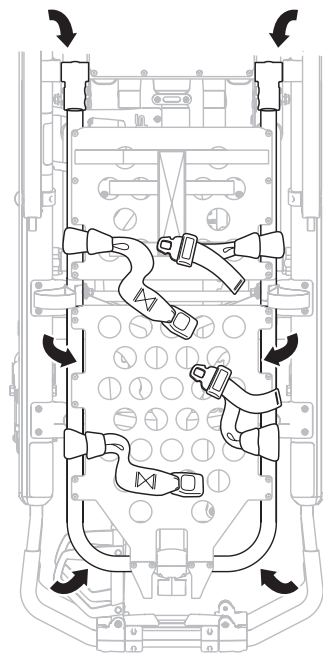


Figure 32 - Foot Section Restraints  
with Optional Knee Gatch

To attach the restraint straps to the cot, wrap the strap around the cot frame and back through the loop on the end of the strap as shown in Figures 30, 31, and 32. The arrows indicate alternate attachment areas.

When attaching the restraint straps to the cot, remember that the attachment points should provide both strong anchorage and proper restraint position while not interfering with equipment and accessories.



# Cot Features

## USING RESTRAINT STRAPS (CONTINUED)

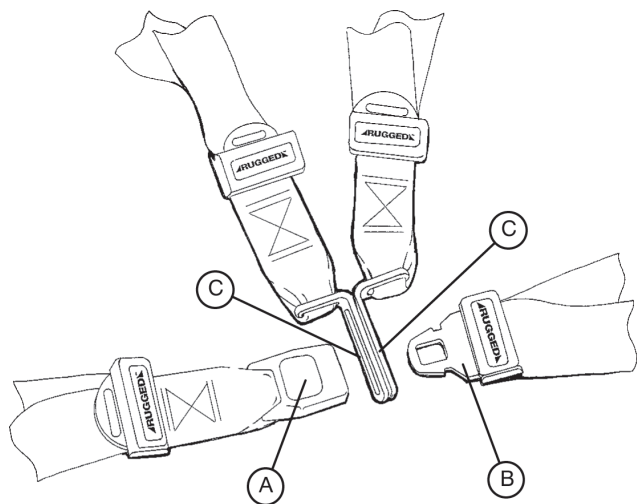


Figure 33 - Buckling the Safety Restraints

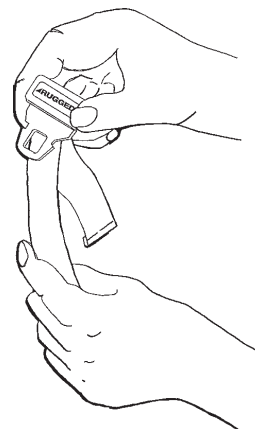


Figure 34 - Lengthening the Safety Restraint

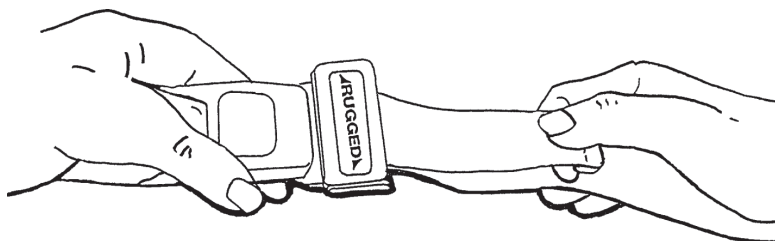


Figure 35 - Shortening the Safety Restraint

### CAUTION

Ensure that the restraints are not entangled in the base frame when raising and lowering the cot.

When the cot is put into service, open the restraints and place them at either side of the cot until the patient is positioned on the cot mattress. Lengthen the restraints, buckle them around the patient, and shorten them until the required tightness is achieved.

- **To open the restraint**, press the red button (A) on the front of the buckle “receiver”. This releases the buckle “tang” (B) which can then be pulled out of the receiver (see Figure 33).
- **To close the restraint**, push the tang into the receiver until a “click” is heard. When fastening the chest restraint ensure that the tang passes through both links (C) on the shoulder strap (see Figure 33).
- **To lengthen the restraint**, grasp the buckle tang, turn it at an angle to the webbing, then pull it out (see Figure 34). A hemmed tab at the end of the webbing prevents the tang from coming off of the strap.
- **To shorten the restraint**, grasp the hemmed tab and pull the webbing back through the tang until the required tightness is achieved (see Figure 35).

Whenever a restraint is buckled on a patient, verify that the tang is fully engaged and any extra webbing is not tangled in the cot or hanging loose.

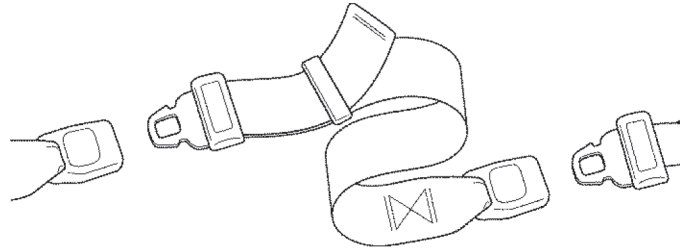
Inspect the restraints **at least** once a month (more frequently if used heavily). Check for a bent or broken receiver or tang, torn or frayed webbing, etc during inspection. Any restraint that shows wear or is not operating properly **must** be replaced immediately.

# Cot Features

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## USING THE OPTIONAL RESTRAINT BELT EXTENSION

Use the restraint belt extension, as shown in Figure 36, for extra length when buckling the lap belt around large patients.



**Figure 36 - Attaching the Restraint Belt Extension**

# Cot Features

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## ATTACHING OPTIONAL PEDI-MATE® INFANT RESTRAINT SYSTEM

Refer to the Pedi-Mate® user's manual for the manufacturer's recommendations for the use, operation and care of the Pedi-Mate® Infant Restraint System.

### SECURING THE PEDI-MATE® TO THE COT

To secure the Pedi-Mate® to the cot:

1. Remove any restraints that are already attached to the cot.
2. Raise the cot backrest to the full upright position.
3. Position the Pedi-Mate® pad flat on the backrest with the black backrest straps facing out (see Figure 37).



Figure 37 - Positioning the Pedi-Mate®

4. Wrap the black backrest straps around the backrest and insert the ends of the straps through the brackets. Securely fasten the buckle (see Figure 38).

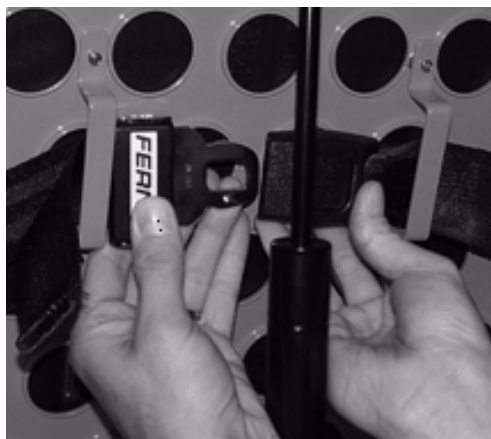


Figure 38 - Fastening the Pedi-Mate® Buckle

---

### **WARNING**

To avoid accidental release of the Pedi-Mate® and possible injury to the infant, ensure that the buckle is located away from any obstructions on the cot or accessories.

---

# Cot Features

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## ATTACHING OPTIONAL PEDI-MATE® INFANT RESTRAINT SYSTEM (CONTINUED)

5. Pull firmly on the end of the adjustable backrest strap and tighten it securely.
6. Insert the mainframe straps between the cot frame and the mattress. To ensure that the release button is toward the foot end of the cot, insert the buckle behind the litter cross brace and bring it up in front of the cross brace. Secure the buckle around the cross brace, leaving a little slack in the strap for final adjustment (see Figure 39).



Figure 39 - Securing the Safety Restraints on a Cot

---

### **WARNING**

To avoid accidental release of the Pedi-Mate® and possible injury to the infant, ensure that the buckle is located away from any obstructions on the cot or accessories.

---

7. Verify that all of the straps are snug and fastened securely (see Figure 40).



Figure 40 - Pedi-Mate® Strapped to a Cot

**Note:** These are general instructions for installation of the Pedi-Mate®. Safe and proper use of the Pedi-Mate® is solely at the discretion of the user. Stryker recommends that all users are trained on the proper use of the Pedi-Mate® before using it in an actual situation. Retain these instructions for future reference. Include them with the product in the event of transfer to new users. Pedi-Mate® is a registered trademark of Ferno-Washington, Inc.

# Cot Features

## OPERATING THE SIDERAILS

**To raise the siderails**, as shown in Figure 41, lift up until the latch clicks and the siderail locks into place. When a patient is on the cot, always keep the siderails in the raised position unless the patient is being transferred.

**To lower the siderails**, squeeze handle (B) to release the siderail latch. Guide the siderail down toward the foot end until flat.

### WARNING

Siderails are not intended to serve as a patient restraint device. See [page 34](#) for proper restraint strap usage. Failure to utilize the siderails properly could result in patient injury.

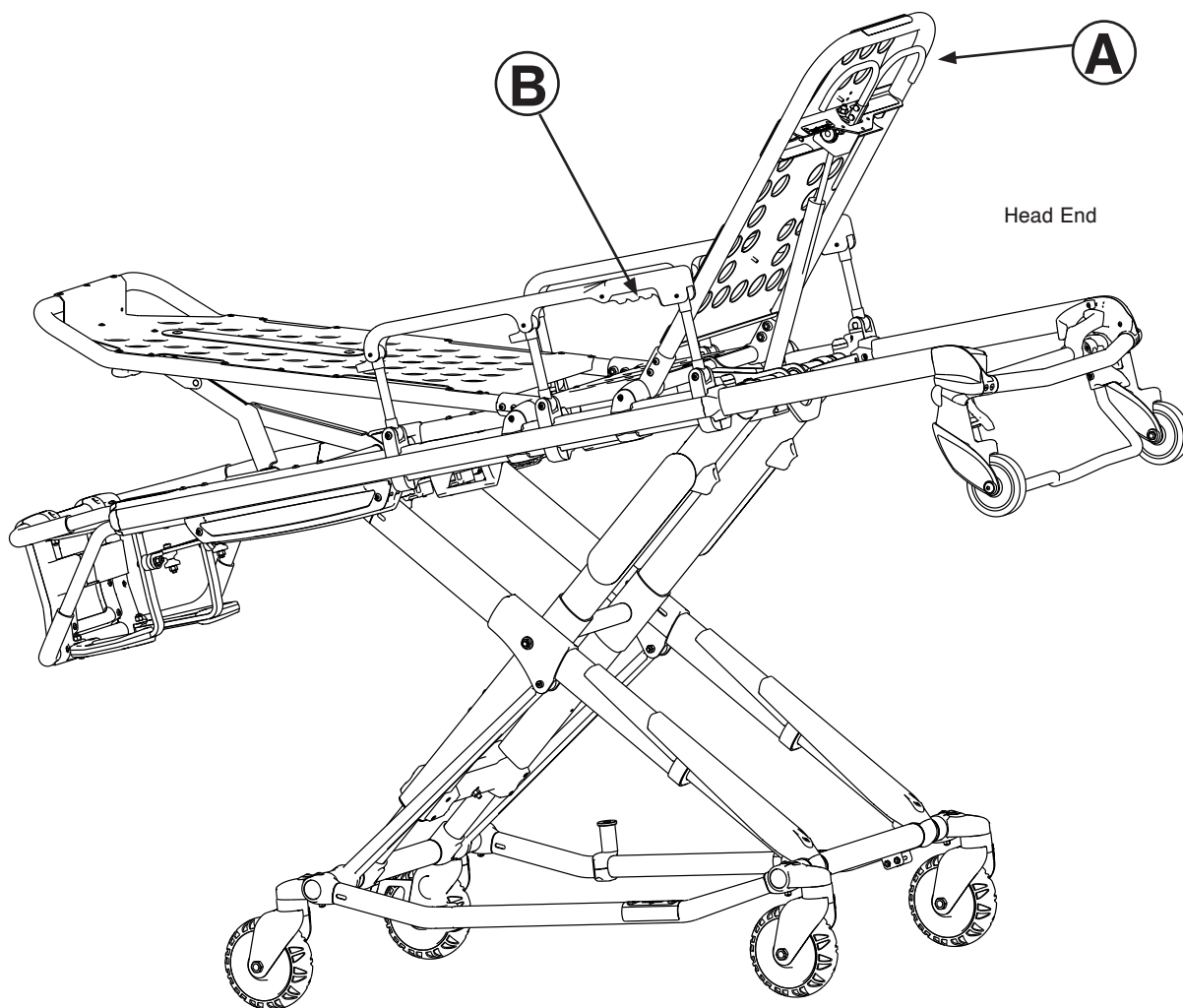


Figure 41 - Backrest Elevated and Siderails Raised

## OPERATING THE BACKREST

**To raise the backrest**, as shown in Figure 41, squeeze handle (A) for pneumatic assist in lifting the backrest to the desired height.

**To lower the backrest**, squeeze handle (A) and push down on the backrest frame until the backrest has reached the desired height.

# Cot Features

## OPERATING THE RETRACTABLE HEAD SECTION

The head section telescopes from a first position suitable for loading the cot into an emergency vehicle to a second position retracted within the litter frame. When retracted, the cot can roll in any direction on the caster wheels even in the lowest position, allowing improved mobility and maneuverability.

### To extend the head section:

1. Grasp the outer rail with one hand for support and pull the lever (A), rotating the lever towards the head end of the cot to release the head section from the locked position.
2. While holding the handle (A) in the released position, pull the head section away from the litter frame, lengthening the head section until it engages in the fully extended position.
3. Release lever (A) to lock the head section in the extended position.

### To retract the head section:

1. Grasp the outer rail with one hand for support and release the lever (A), rotate the lever towards the head end of the cot to release the head section from the locked position.
2. While holding the handle (A) in the released position, push the head section toward the litter frame, retracting the head section until it engages in the retracted position.
3. Release lever (A) to lock the head section in the retracted position.

### WARNING

- To avoid injury, always verify that the head section is locked into place prior to operating the cot.
- When using a standard cot fastener, do not attempt to load the cot into the patient compartment with the head section retracted. Loading the cot with the head section retracted may cause the product to tip or not engage properly in the cot fastener, possibly causing injury to the patient or operator and/or damage to the product.

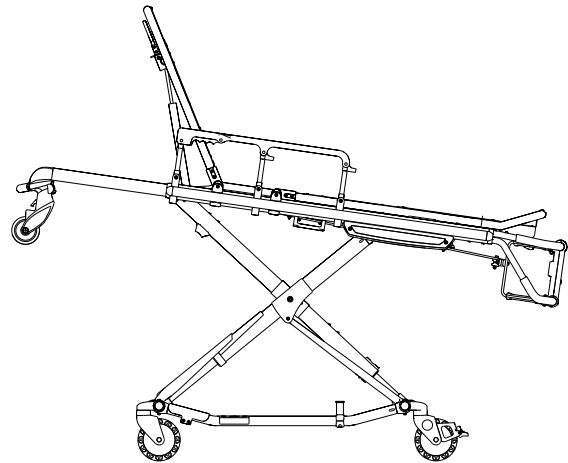


Figure 42a - Head Section Extended

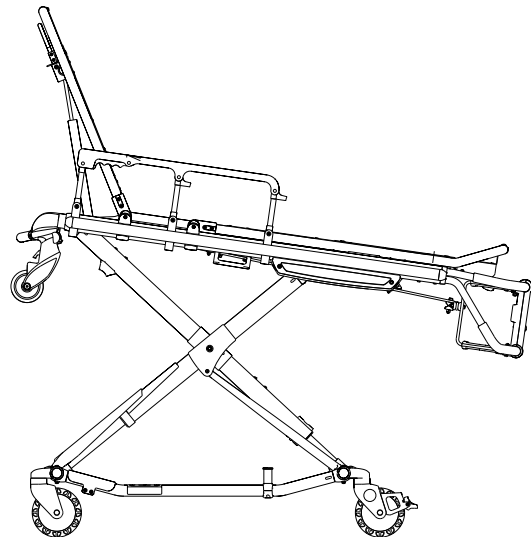


Figure 42b - Head Section Retracted

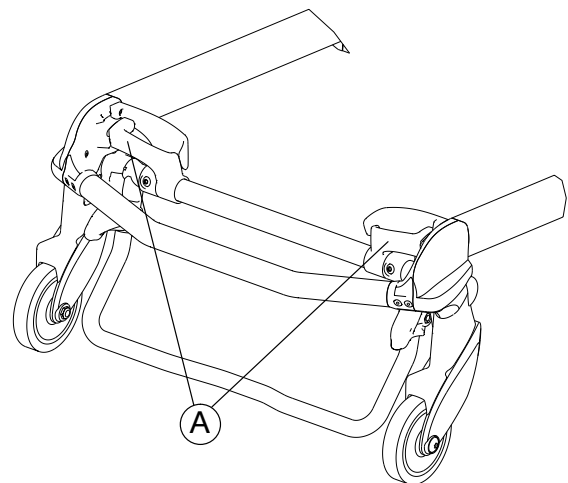


Figure 42c - Head Section Release Handles

# Cot Features

## ADJUSTING THE FOOTREST

The footrest is adjustable to allow for elevation of the patient's legs (see Figure 43).

**To raise the footrest,** lift the foot rest frame (A) as high as possible until it locks into place. The support bracket engages automatically when released.

**To lower the footrest,** lift the foot rest frame (A) and, while holding the frame, lift up on the release handle (B) until the bracket disengages. Lower the footrest until it rests flat.

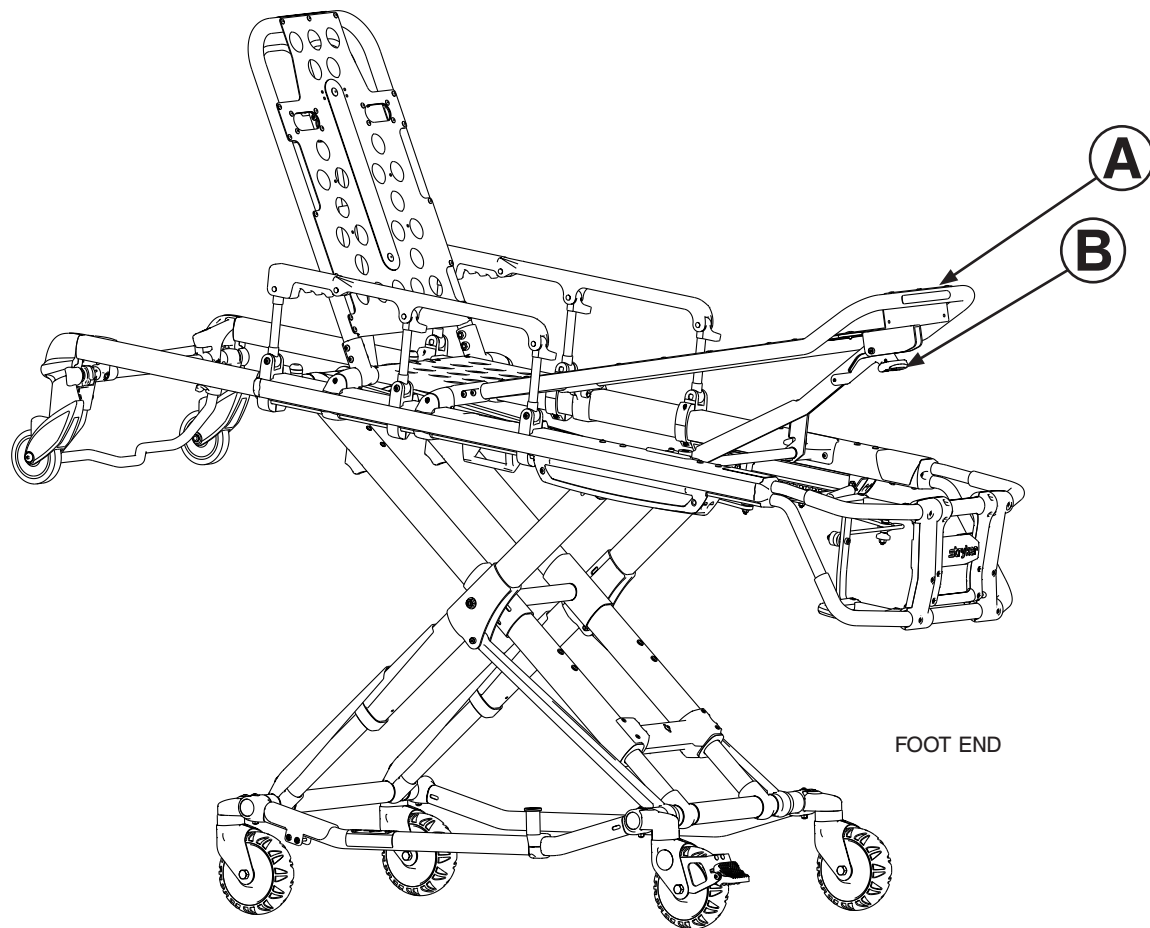


Figure 43 - Footrest Elevated

# Cot Features

## ADJUSTING THE OPTIONAL KNEE GATCH

### To raise the knee gatch (see Figure 44):

1. Lift either of the red lifting loops (A) until the knee gatch is in its fully raised position.
2. Slowly lower the knee gatch to allow the support bracket to engage in the locking mechanism.
3. Check to be sure the lock is fully engaged before releasing the lifting loop.

### To lower the knee gatch:

1. Lift either of the red lifting loops to relieve pressure on the locking mechanism and while holding the loop, push on the red release handle (B) until the bracket disengages.
2. Lower the knee gatch to the flat position.

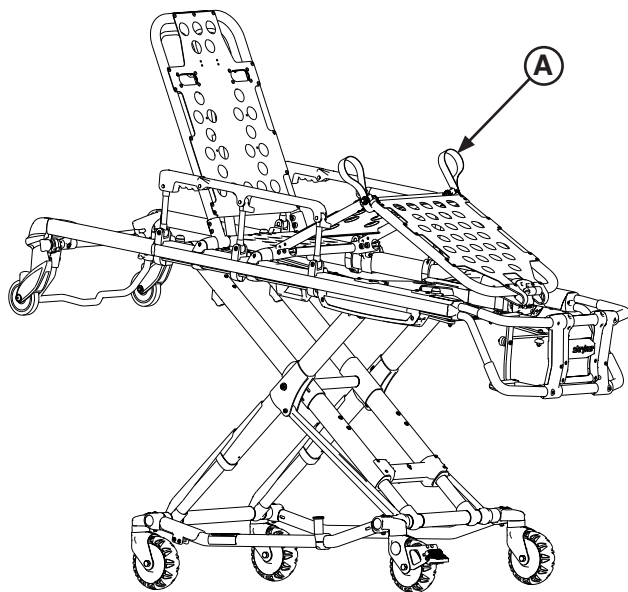


Figure 44 - Raised Knee Gatch

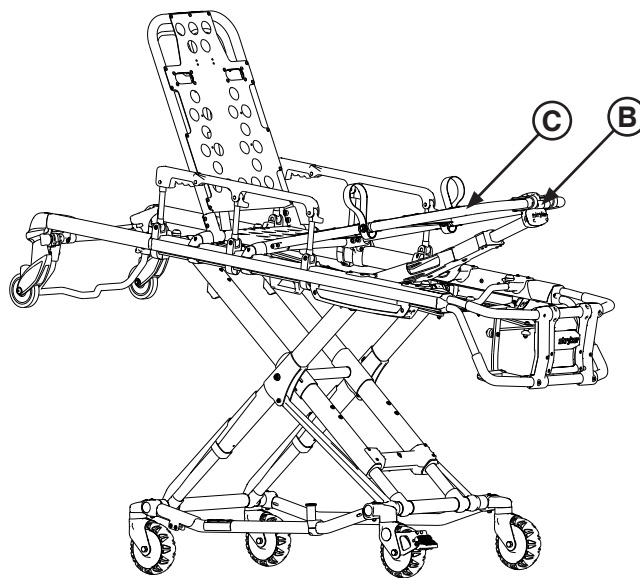


Figure 45 - Raised Knee Gatch in Trend

### To raise the knee gatch in trend (see Figure 45):

1. Lift the foot rest frame (C) as high as possible until it locks into place.
2. The support bracket engages automatically when released.

### To lower the knee gatch in trend:

1. Lift the foot rest frame (C) and, while holding the frame, lift up on the release handle (B) until the bracket disengages.
2. Lower the footrest until it rests flat.



# Cot Features

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## OPERATING THE OPTIONAL WHEEL LOCK(S)

To activate the optional wheel lock(s) (see Figure 46), press fully down on the pedal (A) until it stops and is resting firmly against the surface of the wheel.

To release the optional wheel lock(s), depress the upper face of the pedal with your foot or lift up with your toe under the pedal. The upper portion of the pedal rests against the caster frame when the wheel lock is released.

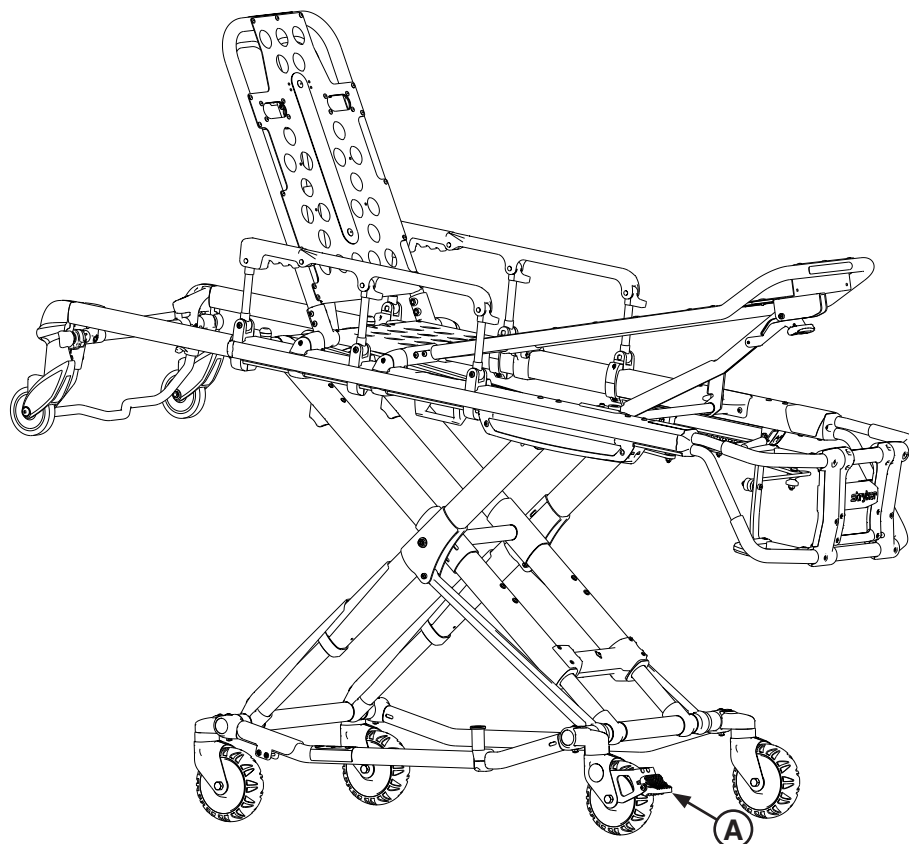


Figure 46 - Wheel Lock

---

### WARNING

- Never apply the optional wheel lock(s) while a patient is on the cot. Tipping could occur if the cot is moved while a wheel lock is applied, resulting in injury to the patient or operator and/or damage to the cot.
- Never install or use a wheel lock on a cot with excessively worn wheels. Installing or using a wheel lock on a wheel with less than a 6" diameter could compromise the holding ability of the wheel lock, possibly resulting in injury to the patient or operator and/or damage to the cot or other equipment.

---

### CAUTION

Wheel lock(s) are only intended to help prevent the cot from rolling while unattended. A wheel lock may not provide sufficient resistance on all surfaces or under loads.

---

# Cot Features

## INSTALLING THE OPTIONAL HEAD END STORAGE FLAT

To install the optional head end storage flat (see Figure 47):

1. Install the Velcro® straps (A) near the pneumatic cylinder and around the crossbar of the retractable head section.
2. Buckle the restraint straps (B) around the outer rails of the retractable head section.

### **WARNING**

When the optional head-end storage flat is being used, ensure that it does not interfere with the operation of the retractable head section, safety bar and safety hook. Injury to the patient or operator could result.

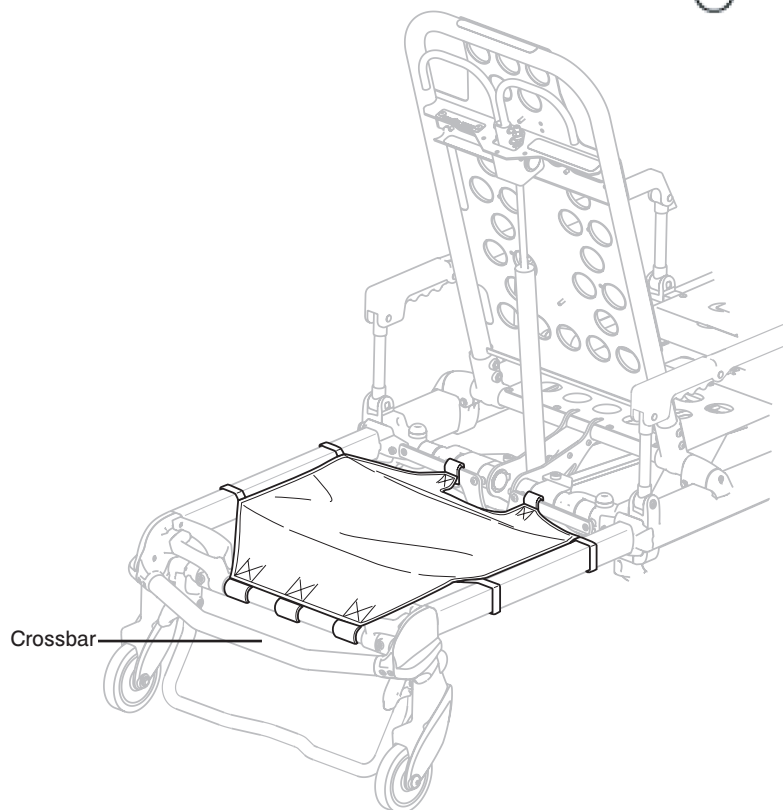
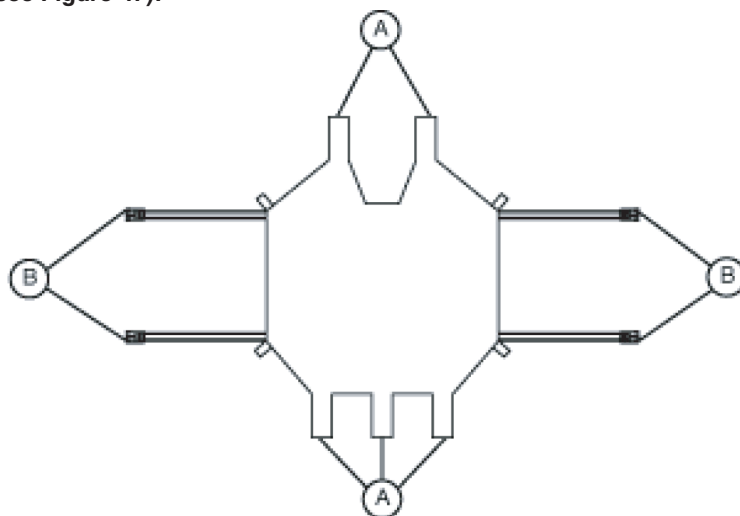


Figure 47 - Head End Storage Flat

### **CAUTION**

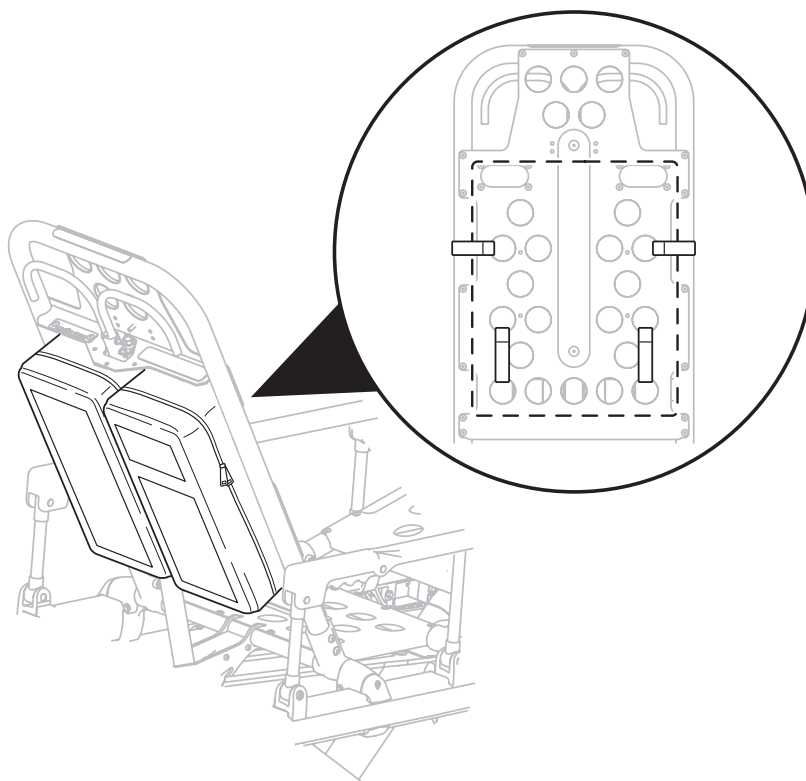
- Do not store items under the cot mattress. Storing items under the mattress can interfere with the operation of the cot.
- The weight of the equipment in the head end storage flat (if equipped) must not exceed 40 pounds (18 kg).

# Cot Features

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## INSTALLING THE OPTIONAL BACKREST STORAGE POUCH

Install the optional backrest storage pouch (see Figure 48) by using the Velcro® straps. Insert each strap through a hole in the backrest skin and mount the pouch flat against the backrest.



**Figure 48 - Backrest Storage Pouch**

---

### **WARNING**

When the optional backrest storage pouch is being used, make sure that it does not interfere with the operation of the safety bar and safety hook. Injury to the patient or operator could occur.

---

### **CAUTION**

- Do not store items under the cot mattress. Storing items under the mattress can interfere with the operation of the cot.
  - The weight of the equipment in the pocketed backrest storage pouch (if equipped) must not exceed 20 pounds (9 kilograms).
-

# Cot Features

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## USING THE OPTIONAL EQUIPMENT HOOK

Use the equipment hook (see Figure 49) to hang additional accessories or equipment, such as defibrillators or monitors.

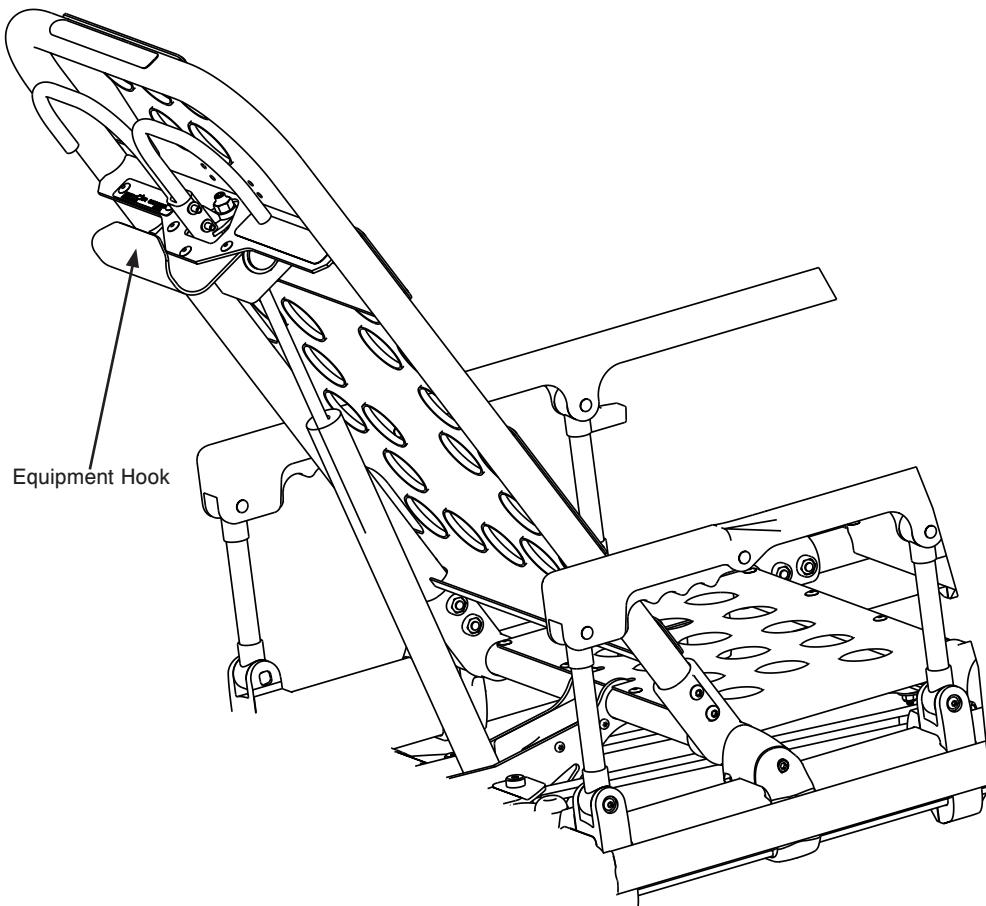


Figure 49 - Equipment Hook

---

### CAUTION

To avoid damage to the optional equipment hook, the weight of the accessories or equipment must not exceed 20 pounds (9 kilograms).

---

# Cot Features

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## USING THE OPTIONAL RETRACTABLE HEAD SECTION OXYGEN BOTTLE HOLDER

To attach an oxygen bottle to the retractable head section oxygen bottle holder:

1. Center the oxygen bottle on the cradled surface of item (A) as shown in Figure 50.
2. Tighten both straps (B) around the oxygen bottle.
3. Secure the slack on the straps to the Velcro® on the straps.

**Note:** Inspect the straps and clips for wear between use and replace the strap if it is no longer holding the oxygen bottle.

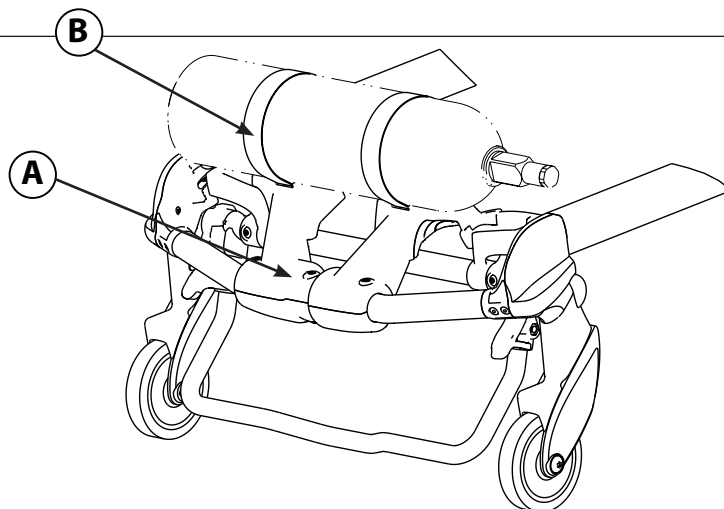


Figure 50 - Retractable Head Section Oxygen Bottle Holder

### WARNING

If the cot is equipped with the optional retractable head section oxygen bottle holder, use caution while the oxygen bottle holder is installed to avoid pinching your fingers between the fowler bracket and the oxygen bottle.

### CAUTION

- To avoid damage to the retractable head section oxygen bottle holder (if equipped), the weight of the equipment must not exceed 40 pounds (18 kg).
- Do not use two head end oxygen bottle holders at the same time.

# Cot Features

## USING THE KICKSTAND FOR DIALYSIS SCALE

The kickstand is intended for weighing patients on a scale.

### Note:

- The kickstand assembly is configured for an X-frame cot retention system only.
- The kickstand (p/n 6085-002-000) is not compatible with the optional base storage net (p/n 6500-160-000).

### WARNING

- Stryker recommends that a two person operation is used when using the kickstand.
- Make sure that the patient weight is centered on the cot before using the kickstand.
- Engage the kickstand with your foot only.
- Lower cot height prior to engaging kickstand for increased stability.
- Make sure that the kickstand remains in the retracted position and does not engage during transport.
- Do not use the kickstand as a brake.
- Do not engage kickstand on a sloped surface.

### To use the kickstand:

1. Operator 1 engages the kickstand with their foot as shown in Figure 51.1.
2. Operator 2 lifts the foot end of the cot at a height sufficient to actuate the kickstand.
3. Both operators must make sure that the kickstand is in the forward locked position as shown in Figure 51.2.

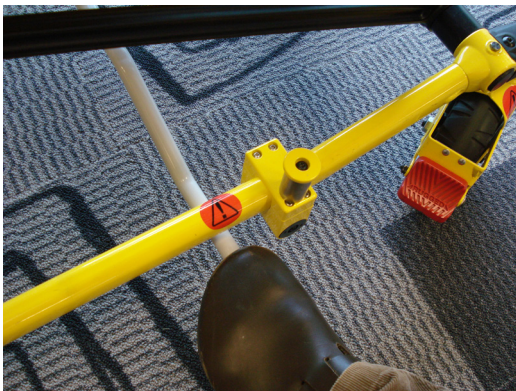


Figure 51.1



Figure 51.2

### To release the kickstand:

1. Operator 1 lifts the foot end of the cot until both wheels are off of the floor.
2. Operator 2 rolls the cot slightly forward to make sure that the kickstand retracts on its own as shown in Figure 51.3.

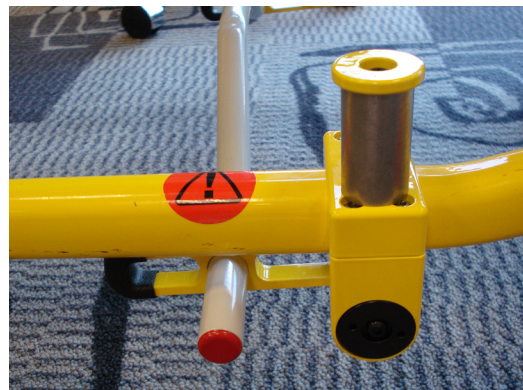


Figure 51.3

# Cot Features

## OPERATING THE OPTIONAL 2-STAGE I.V. POLE

To use the 2-stage I.V. pole (see Figure 52.2):

1. Lift and pivot the pole from the storage position and push down until it is locked into the receptacle (A).
2. To raise the height of the pole, turn the lock actuator (B) counterclockwise and pull up on the telescoping portion (C) of the pole to raise it to the desired height.
3. Turn the lock actuator (B) clockwise to lock the telescoping portion in place.
4. Hang the I.V. bags on the I.V. hook (D).
5. Turn the lock actuator (B) counterclockwise and slide section (C) into the bottom tube.
6. Turn the lock actuator (B) clockwise to tighten.
7. Lift up and pivot the pole down into the storage position (see Figure 52.1).

### CAUTION

To avoid damage to the I.V. pole, the weight of the I.V. bags or equipment must not exceed 40 pounds (18 kg).

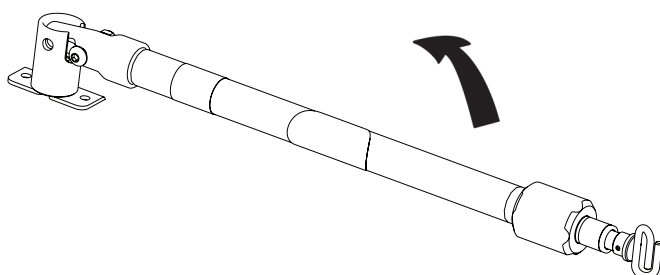


Figure 52.1 - 2-Stage I.V. Pole Storage Position

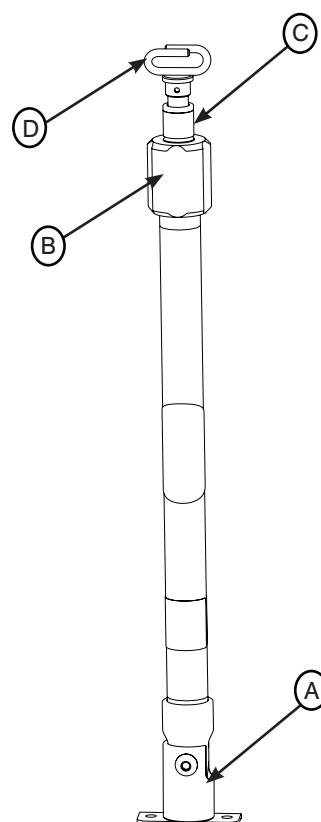


Figure 52.2 - 2-Stage I.V. Pole

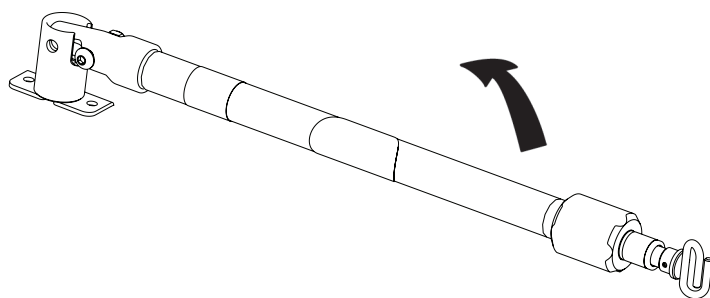
## OPERATING THE OPTIONAL 3-STAGE I.V. POLE

To use the 3-stage I.V. pole (see Figure 54):

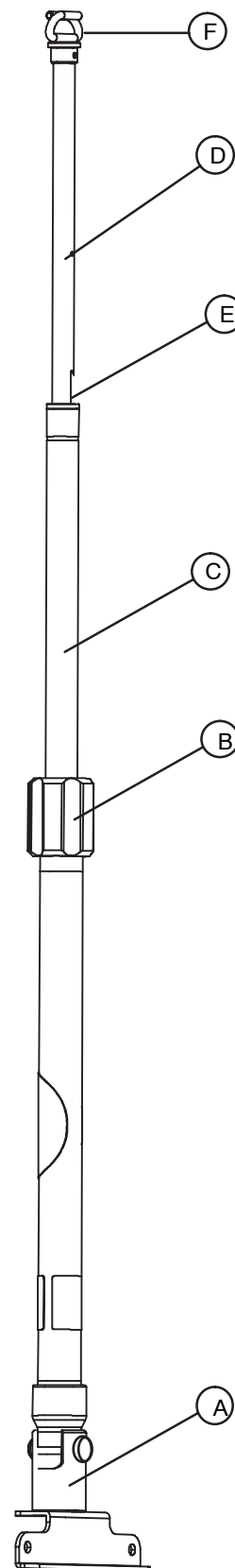
1. Lift and pivot the pole from the storage position and push down until it is locked into the receptacle (A).
2. To raise the height of the pole, turn the lock actuator (B) counterclockwise and pull up on the bottom telescoping portion (C) of the pole to raise it to the desired height.
3. Turn the lock actuator (B) clockwise to lock the bottom telescoping portion in place.
4. For a higher I.V. pole, pull up on section (D) until the spring clip (E) engages.
5. Hang I.V. bags on the I.V. hook (F).
6. To lower the I.V. pole, push in on the spring clip (E) and slide section (D) down into section (C). Turn the lock actuator (B) counterclockwise and slide section (C) into the bottom tube.
7. Turn the lock actuator (B) clockwise to tighten.
8. Lift up and pivot the pole down into the storage position (see Figure 53).

### CAUTION

To avoid damage to the I.V. pole, the weight of the I.V. bags or equipment must not exceed 40 pounds (18 kilograms).



**Figure 53 - 3-Stage I.V. Pole Storage Position**



**Figure 54 - 3-Stage I.V. Pole**



# Cleaning

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## POWER WASHING

The Performance-PRO™ XT is designed to be power washable. Stryker Medical recommends power washing the Performance-PRO™ XT cot with the standard hospital surgical cart washer or hand held wand unit. The unit may show some signs of oxidation or discoloration from continuous washing. However, no degradation of the cot's performance characteristics or functionality will occur due to power washing as long as the proper procedures are followed.

---

### WARNING

Use any appropriate personal safety equipment (goggles, respirator, etc.) to avoid the risk of inhaling contagion. Use of power washing equipment can aerate contamination collected during the use of the cot.

---

### CAUTION

When cleaning the unit:

- DO NOT STEAM CLEAN OR ULTRASONICALLY CLEAN THE UNIT.
  - Maximum water temperature should not exceed 180°F/82°C.
  - Maximum air dry temperature (cart washers) is 240°F/116°C.
  - Maximum water pressure should not exceed 1500 psi/130.5 bar. If a hand held wand is being used to wash the unit, the pressure nozzle must be kept a minimum of 24 inches (61 cm) from the unit.
  - Towel dry all casters and interface points.
  - Failure to comply with these instructions may invalidate any/all warranties.
- 

## CLEANING FREQUENCY

Thoroughly clean the cot once a month. Clean Velcro AFTER EACH USE. Saturate Velcro with disinfectant and allow disinfectant to evaporate. (Appropriate disinfectant for nylon Velcro should be determined by the service.)

## CLEANING PRODUCTS

Suggested cleaners for the Performance-PRO™ XT cot surfaces include:

- Quaternary Cleaners (active ingredient - ammonium chloride)
- Phenolic Cleaners (active ingredient - o-phenylphenol)
- Chlorinated Bleach Solution (5.25% - less than 1 part bleach to 100 parts water)

Follow the cleaning solution manufacturer's dilution recommendations exactly.

In general, when used in those concentrations recommended by the manufacturer, either phenolic type or quaternary (**excluding Virex® TB**) type disinfectants can be used. Iodophor type disinfectants are not recommended for use because staining may result.

Avoid over saturation and ensure that the product does not stay wet longer than the chemical manufacturer's guidelines for proper disinfecting.

# Cleaning

---

## REMOVAL OF IODINE COMPOUNDS

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

---

### **WARNING**

SOME CLEANING PRODUCTS ARE CORROSIVE IN NATURE AND MAY CAUSE DAMAGE TO THE PRODUCT IF USED IMPROPERLY. If the products described above are used to clean Stryker patient care equipment, measures must be taken to ensure that the cots are wiped with clean water and thoroughly dried following cleaning. Failure to properly rinse and dry the cots leaves a corrosive residue on the surface of the cots, possibly causing premature corrosion of critical components.

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

---

### **WARNING**

Failure to properly clean or dispose of contaminated mattress or cot components increases the risk of exposure to bloodborne pathogens and may cause injury to the patient or the operator.

---

# Preventative Maintenance

Preventative maintenance should be performed at a minimum of annually. A preventative maintenance program should be established for all Stryker Medical equipment. Preventative maintenance may need to be performed more frequently based on the usage level of the product.

Operation	Schedule	Procedure
Cleaning and Disinfecting	Each Use.	See <a href="#">page 51</a> .
Inspection	For 1-25 calls per month, inspect cot every 6 months  For 26-200 calls per month, inspect cot every 3 months  For 201+ calls per month, inspect cot monthly.	See checklist below.

**Note:** Use the Maintenance Record form on [page 56](#) to keep up to date maintenance records.

## CHECKLIST

- \_\_\_\_\_ All fasteners secure (reference all assembly drawings).
- \_\_\_\_\_ All welds intact, not cracked or broken.
- \_\_\_\_\_ No bent or broken tubing or sheet metal.
- \_\_\_\_\_ No wear on the bumper and bumper housing.
- \_\_\_\_\_ No debris in wheels.
- \_\_\_\_\_ All wheels secure, rolling and swiveling properly.
- \_\_\_\_\_ Optional wheel lock holds wheel securely when on and clears wheel when off.
- \_\_\_\_\_ Siderails move and latch properly.
- \_\_\_\_\_ Backrest operating properly.
- \_\_\_\_\_ Optional accessories intact and operating properly.
- \_\_\_\_\_ Height positioning latch functioning properly.
- \_\_\_\_\_ Cot secure in each height position.
- \_\_\_\_\_ Undercarriage folds properly.
- \_\_\_\_\_ Retractable head section operating properly.
- \_\_\_\_\_ Safety bar operating properly.
- \_\_\_\_\_ Footrest operating properly.
- \_\_\_\_\_ No rips or cracks in mattress cover.
- \_\_\_\_\_ Body restraints intact and working properly.
- \_\_\_\_\_ Lubricate base tubes (optional).

Product Serial Number:		

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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# Preventative Maintenance

## REGULAR INSPECTION AND ADJUSTMENTS

### Maintenance Intervals

Use this schedule as a general guide to maintenance. Factors such as weather, terrain, geographical location, and individual usage will alter the required maintenance schedule. If you are unsure as to how to perform these checks, contact your Stryker service technician. If you are in doubt as to what intervals to follow when maintaining your product, consult your Stryker service technician.

Item	Routine	Every (whichever comes first)			
		One month	Three months	Six months	12 Months
Settings	Verify the cot and fastener fit and function properly	X			
	Verify the safety bar engages the vehicle safety hook properly	X			
Litter	Inspect the cot frame/litter	X			
	Verify all welds intact, not cracked or broken				X
	Verify no bent, broken or damaged components			X	
	Verify all fasteners secure (reference all assembly drawings)		X		
	Verify warning labels present, legible (reference assembly drawings)				X
	Verify no damage or tears on cot grips			X	
	Verify the siderails operate and latch properly			X	
	Verify the backrest cylinder operates properly		X		
	Adjust pneumatic cylinder for full range of motion, if required		X		
	Verify the footrest operates properly			X	
Mattress	Inspect the fowler bumper and screws				X
	Verify no cracks or tears on cot mattress			X	
Restraints	Inspect patient restraints for proper function and no excessive wear	X			
Base	Inspect the cot frame/base	X			
	Verify all welds intact, not cracked or broken				X
	Verify no bent, broken, or damaged components			X	
	Verify all fasteners secure		X		
	Verify no excessive damage to X-frame guards, replace if necessary			X	

# Preventative Maintenance

Item	Routine	Every (whichever comes first)			
		One month	Three months	Six months	12 Months
Wheels	Verify wheels are free of debris			X	
	Verify tires in good condition				X
	Verify all wheels secure, rolling and swiveling properly	X			
	Check and adjust optional wheel locks as necessary				X
X-Frame	Verify smooth operation of X-frame		X		
Head Section	Verify all fasteners secure		X		
	Verify no bent, broken, or damaged components			X	
	Verify the head section extends and locks properly		X		
	Verify the grip bar has no excessive damage or tears			X	
	Verify load wheels are secure and roll properly			X	
	Verify the safety bar operates properly	X			
	Inspect the straps and clips on the retractable head section oxygen bottle holder (optional) for wear				X
Accessories	Verify the I.V. pole (optional) operates properly		X		
	Verify the head extension & pillow (optional) operates properly		X		
	Verify the Pedi-Mate® restraint package (optional) operates properly		X		
	Verify the restraint extender (optional) operates properly		X		
	Verify the oxygen bottle holder (optional) operates properly		X		
	Verify the transfer flat (optional) operates properly		X		
	Verify the equipment hook (optional) operates properly		X		
	Verify the pocketed back rest pouch (optional) operates properly		X		
	Verify the base storage net (optional) operates properly		X		
	Verify the kickstand (optional) retracts fully to the transport position		X		
	Verify that the kickstand (optional) bolts are tightened properly		X		
	Lubricate the kickstand spring and internal spring housing (optional) using Tri-Flow® lubrication			X	
	Flow® lubrication				
	Flow® lubrication				
	Flow® lubrication				

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[illegible]

# Quick Reference Replacement Parts List

The parts and accessories listed on this page are all currently available for purchase. Some of the parts identified on the assembly drawing parts in this manual may not be individually available for purchase. Please call Stryker Customer Service USA: 1-800-327-0770 (Option 2) for availability and pricing.

Part Name	Part Number
Backrest Pouch, Pocketed Option	6500-130-000
Base Storage Net Option	6500-160-000
Transfer Flat Option	6005-001-001
Defibrillator Platform Option	6500-170-000
Equipment Hook Option	6500-147-000
Equipment Hook Kit	6500-700-003
Head Extension with Pillow Option	6100-044-000
I.V. Pole, 2-Stage, Right	6500-210-000
I.V. Pole, 2-Stage, Left	6500-211-000
I.V. Pole, 2-Stage, Dual	6500-212-000
I.V. Pole, 3-Stage, Right	6500-215-000
I.V. Pole, 3-Stage, Left	6500-216-000
I.V. Pole, 3-Stage, Dual	6500-217-000
Label, "Lift Here"	6080-090-108
Label, Side Release	6085-001-159
Manual, Installation/Operation, Cot Fastener	6370-090-010
Mattress, Bolster	6090-041-010
Mattress, Flat	6090-042-010
Mattress, Gatch Compatible Option	6550-001-084
Oxygen Bottle Holder Option, Foot End	6070-140-000
Oxygen Bottle Holder Option, Head End	6500-700-011
Oxygen Bottle Holder, Removable	6080-140-000
Oxygen Bottle Holder, Retractable Head Section	6085-046-000
Restraint Belt Extension	6082-160-050
Restraint Package, Domestic	6082-260-010
Restraint Package, Pedi-Mate®	6091-300-010
Retractable Head Section Oxygen Bottle Holder Kit	6085-700-003
Safety Hook, J	6092-936-018
Safety Hook, Long	6060-936-018
Safety Hook, Short	6060-936-017
Sensor Housing Cover	6500-001-199



## Quick Reference Replacement Parts List

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Part Name	Part Number
Sensor Housing Label	6085-001-156
Siderail Assembly	6082-026-010
Storage Flat Option, Head End	6500-128-000
Touch-Up Paint (Yellow)	6060-199-010
Touch-Up Paint (Black)	6060-199-011
Velcro Adhesive Loop Pile, Litter	6060-032-046
Wheel Lock, Single Adjustable	6082-501-010
Wheel Lock, Dual Adjustable	6082-502-010

## PNEUMATIC BACKREST ADJUSTMENT

### Tools Required:

- 1/2" Wrench
- 5/32" Allen Wrench
- Locktite
- 3/32" Allen Wrench

### Procedure:

1. For easier access, move the backrest to 75 degrees.

**Note:** Before continuing with the backrest adjustment procedure (see Figure 55), be sure that the cylinder (A) is completely threaded into the yoke (B) so no threads are showing on the shaft of the cylinder. If threads are showing, use a 3/32" Allen wrench to remove the set screw (C) in the center of the yoke and remove the E-clip and pin (D & E) that holds the bottom of the pneumatic cylinder. Thread cylinder shaft (A) completely into yoke (B). Replace the E-clip and pin (D & E) and replace the set screw (C) using Locktite.

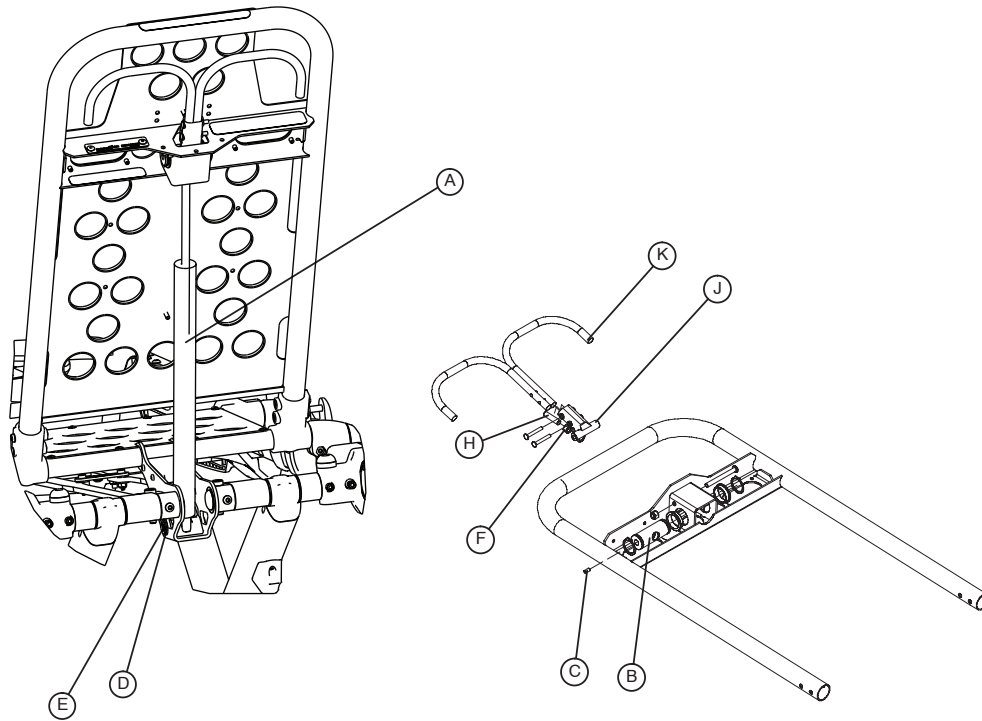


Figure 55 - Pneumatic Cylinder and Fowler Cross Brace

2. Using a 1/2" wrench, loosen the hex nut (F) on the backrest pivot (J) while holding the set screw (H) fixed in the pivot.
3. Using a 5/32" Allen wrench, turn the set screw (H) until there is no play between the backrest release handle (K) and the pneumatic cylinder release button.
4. Make sure that the backrest travels from flat to at least 75 degrees. If it does not, turn the set screw (H) clockwise 1/2 turn. Repeat until at least 75 degrees of travel is achieved.
5. Lower the backrest to a 5–10 degree angle and release the handle. Apply approximately 50 pounds of downward force to the end of the backrest. If the backrest drifts down, turn the set screw (H) counterclockwise. Repeat until the backrest does not drift downward.
6. Using the 1/2" wrench, tighten the hex nut (F) while holding the set screw (H) fixed in the pivot.

## OPTIONAL WHEEL LOCKING FORCE ADJUSTMENT

To adjust the wheel locking force (see Figure 56):

1. Remove the socket screw from the center of the lock pedal. The wheel lock is initially assembled with the pedal set at the minimum locking force. The marker on the pedal (A) is aligned with the marker on the octagonal sleeve (B).
2. Remove the sleeve (B). Rotate the sleeve counterclockwise to increase the pedal locking force and clockwise to decrease the locking force. Insert the sleeve into the pedal. Reinstall the socket screw.
3. Test the pedal locking force and verify that the pedal holds properly before returning the cot to service.



Figure 56 - Wheel Locking Force Adjustment

## COT RETAINING POST ADJUSTMENT

To adjust the cot retaining post (see Figure 57):

1. Remove the bolts that hold the two retaining post brackets to the base frame.
2. Turn the bottom bracket 180°.
3. Reinstall the bolts.

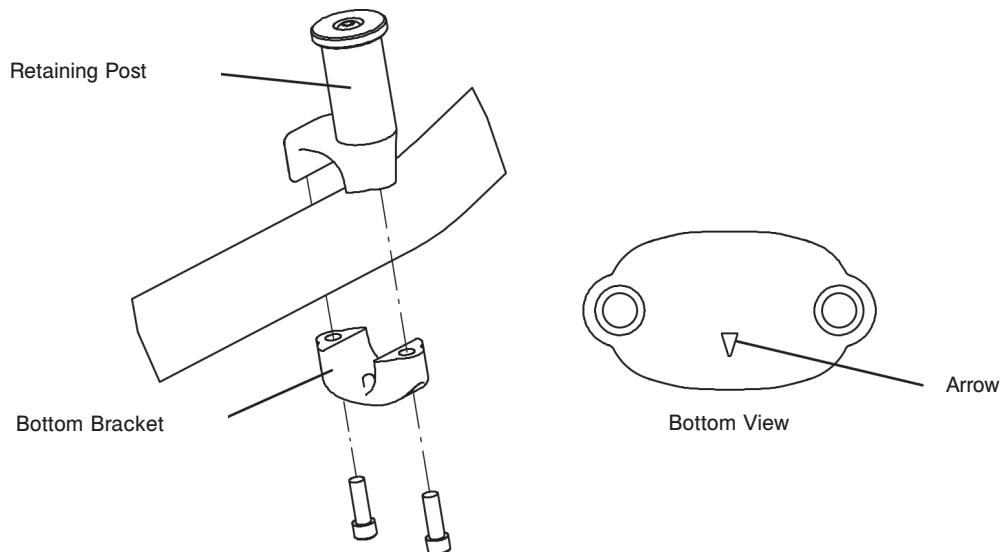


Figure 57 - Cot Retaining Post

### CAUTION

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

**Note:** If the arrow on the bottom bracket of the retaining post points toward the head end of the cot, then the retaining post is set for an X-frame style cot. If the arrow points toward the foot end of the cot, then the post is set for an H-frame style cot.

# Service Information

## HEAD SECTION ASSEMBLY REPLACEMENT

### Tools Required:

- 7/16" Combination Wrench
- 3/16" Allen Wrench

### Procedure:

1. Raise the cot and the fowler to the full upright position.
2. Using a 7/16" combination wrench and a 3/16" Allen wrench, remove the two screws that secure the cap bearings to the base litter interface bracket (one on each side) (see Figure 58).
3. Squeeze the head release handles and slowly remove the head section assembly.
4. Reverse the above procedures to install the new head section assembly.
5. Test full cot functionality prior to returning the cot to service.

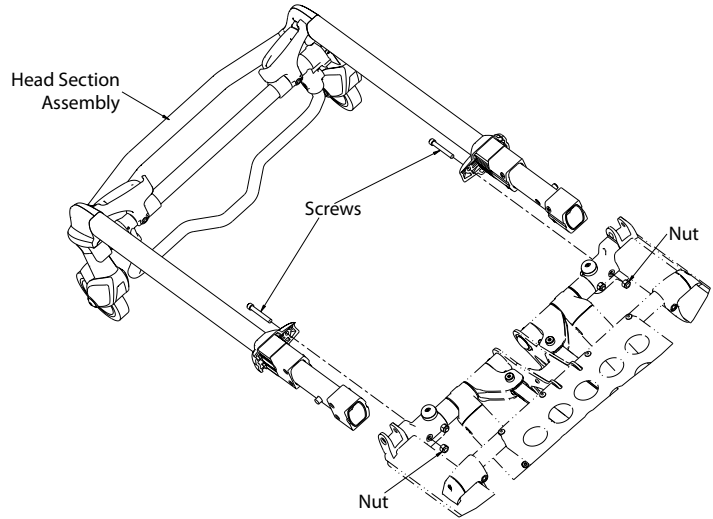


Figure 58

## FOWLER GAS CYLINDER REPLACEMENT

### Tools Required:

- 3/32" Allen Wrench
- Regular Screwdriver

### Procedure:

1. Raise the cot and the fowler to the full upright position.
2. Using a 3/32" Allen Wrench, loosen the set screw that holds the gas shaft to the yoke (see Figure 59).
3. Using a regular screwdriver, remove the e-clip from the clevis pin that secures the bottom of the gas cylinder.
4. Unscrew the gas cylinder shaft from the yoke.
5. Reverse the above procedures to install the new gas cylinder. See "Pneumatic Backrest Adjustment" on [page 60](#) for instructions.
6. Test full cot functionality prior to returning the cot to service.

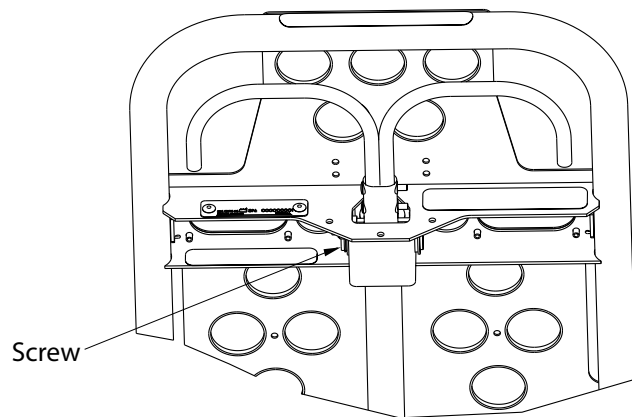


Figure 59

## INNER, INNER TUBE REPLACEMENT

### Tools Required:

- 2 - Saw Horses
- 3/8" Combination Wrench
- 7/16" Combination Wrench
- T25 Torx Driver
- 9/16" Combination Wrenches
- Dead Blow Hammer

### Procedure:

1. Using a T25 Torx driver, remove the four Torx screws from the base stiffener (see Figure 60).
2. Lower the cot to the full down position.
3. Using two saw horses, flip the cot upside down on the saw horses to support the cot.
4. Using a 3/8" and 7/16" combination wrench, remove all four shoulder bolts that secure the outer base tube assemblies to the base crosstubes (see Figure 61).
5. Using 9/16" combination wrenches and a dead blow hammer, remove the base connecting rod and nut.  
**Note:** Keep track of the bearings that fall out as the bolt is removed (see Figure 63).
6. Remove the outer base tube weldment on the side that is damaged. Leave the opposite side on to support the X-frame (see Figure 62).
7. Slide the base crosstubes through the X-frame legs to loosen the X-frame (see Figure 62).  
**Note:** The opposite side will still have the outer base tube and base crosstubes attached to the X-frame.
8. Remove the inner tube and save the tube bushings to reuse on the new tube.
9. Reverse the above procedures to install the new inner tube.
10. Test full cot functionality prior to returning the cot to service.

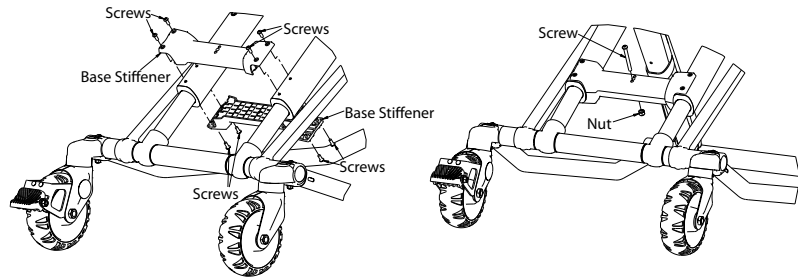


Figure 60

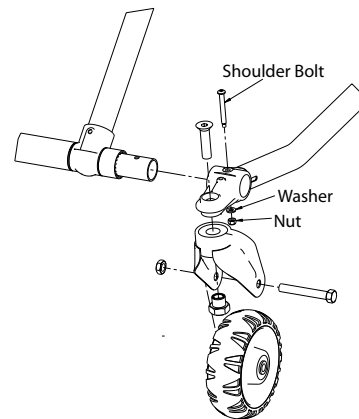


Figure 61

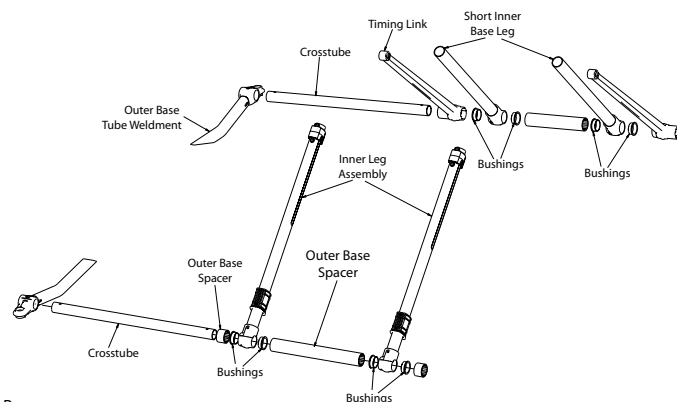


Figure 62

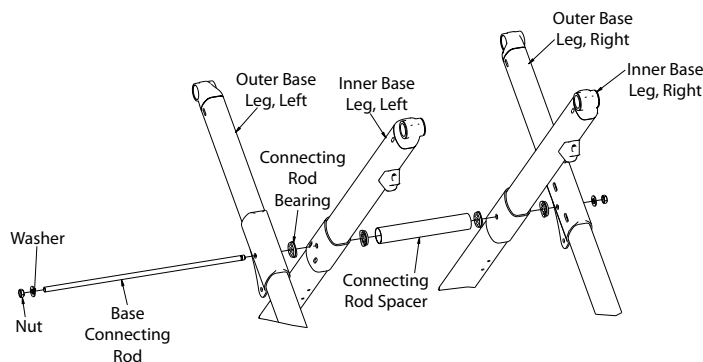


Figure 63

## OUTER, INNER TUBE REPLACEMENT

### Tools Required:

- 2 - Saw Horses
- 3/8" Combination Wrench
- 7/16" Combination Wrench
- T25 Torx Driver
- 2 - 9/16" Combination Wrenches
- Dead Blow Hammer
- T27 Torx Driver
- 

### Procedure:

1. Using a T25 Torx driver, remove the four Torx screws from the base stiffener (see Figure 60 on [page 63](#)).
2. Lower the cot to the full down position.
3. Using two saw horses, flip the cot upside down on the saw horses to support the cot.
4. Using a 3/8" and 7/16" combination wrench, remove all four shoulder bolts that secure the outer base tube assemblies to the base crosstubes (see Figure 61 on [page 63](#)).
5. Using 9/16" combination wrenches and a dead blow hammer, remove the base connecting rod and nut (see Figure 63 on [page 63](#)).  
**Note:** Keep track of the bearings that fall out as the bolt is removed.
6. Remove the outer base tube weldment on the side that is damaged. Leave the opposite side on to support the X-frame (see Figure 62 on [page 63](#)).
7. Slide the base crosstubes through the X-frame legs to loosen the X-frame (see Figure 62 on [page 63](#)).  
**Note:** The opposite side will still have the outer base tube and base crosstubes attached to the X-frame.
8. Using a T27 Torx driver, remove the screw that hold the X-frame guard to the inner tube (see Figure 64).
9. Using a T25 Torx driver, remove the two screws that secure the tube bearing.
10. Remove the inner tube and save the tube bushings to reuse on the new tube (see Figure 65).
11. Reverse the above procedures to install the new inner tube.

**Note:** Make sure that the X-frame guard screw hole on the new inner tube is facing the top of the cot when reassembling.

12. Test full cot functionality prior to returning the cot to

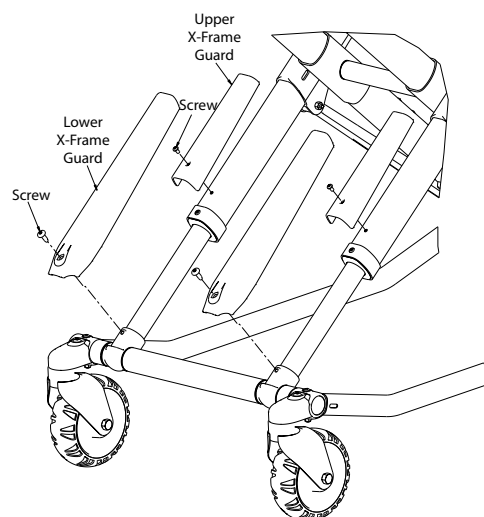


Figure 64

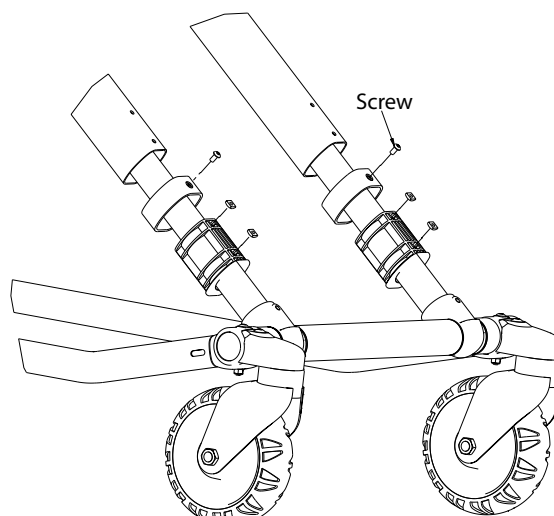


Figure 65

service.

## OUTER, OUTER TUBE REPLACEMENT

### Tools Required:

- 2 - Saw Horses
- 3/8" Combination Wrench
- 7/16" Combination Wrench
- T25 Torx Driver
- 2 - 9/16" Combination Wrenches
- Dead Blow Hammer
- 3/16" Allen Wrench
- 1/2" Combination Wrench
- Needle Nose Pliers

### Procedure:

1. Lower the cot to the full down position.
2. Using two saw horses, flip the cot upside down on the saw horses to support the cot.
3. Using a 3/8" and 7/16" combination wrench, remove all four shoulder bolts that secure the outer base tube assemblies to the base crosstubes (see Figure 61 on [page 63](#)).
4. Using 9/16" combination wrenches and a dead blow hammer, remove the base connecting rod and nut (see Figure 63 on [page 63](#)).  
**Note:** Keep track of the bearings that fall out as the bolt is removed.
5. Remove the outer base tube weldment on the side that is damaged. Leave the opposite side on to support the X-frame (see Figure 62 on [page 63](#)).
6. Slide the base crosstubes through the X-frame legs to loosen the X-frame (see Figure 62 on [page 63](#)).  
**Note:** The opposite side will still have the outer base tube and base crosstubes attached to the X-frame.
7. Using a T25 Torx driver, remove the two screws that secure the tube bearing (see Figure 65 on [page 64](#)).
8. Remove the inner tube.
9. Remove the outer tube X-frame guard and set aside to reuse on the new outer tube (see Figure 64 on [page 64](#)).
10. Using a 3/16" Allen wrench and 1/2" combination wrench, remove the bolt that holds the timing link to the outer tube and remove the timing link.
11. Depending on where your side release handle is located, you may need to remove the height adjustment rack springs. Using needle nose pliers, remove the two return springs for the height adjustment rack.
12. Using a 3/16" Allen wrench, remove the four bolts that secure the slider housing and set aside.
13. Remove the outer tube and save the tube bushings to reuse on the new tube.
14. Reverse the above procedures to install the new outer tube.  
**Note:** Make sure that the X-frame guard screw hole on the new inner tube is facing the top of the cot when reassembling.



# Service Information

---

15. Test full cot functionality prior to returning the cot to service.

## INNER, OUTER TUBE REPLACEMENT

Tools Required:

- 2 - Saw Horses
- 3/8" Combination Wrench
- 7/16" Combination Wrench
- T25 Torx Driver
- 2 - 9/16" Combination Wrenches
- Dead Blow Hammer
- 3/16" Allen Wrench

### Procedure:

1. Using a T25 Torx driver, remove the four Torx screws from the base stiffener (see Figure 60 on [page 63](#)).
2. Lower the cot to the full down position.
3. Using two saw horses, flip the cot upside down on the saw horses to support the cot.
4. Using a 3/8" and 7/16" combination wrench, remove all four shoulder bolts that hold the outer base tube assemblies to the base crosstubes (see Figure 61 on [page 63](#)).
5. Using 9/16" combination wrenches and a dead blow hammer, remove the base connecting rod and nut (see Figure 63 on [page 63](#)).  
**Note:** Keep track of the bearings which will fall out as the bolt is removed.
6. Remove the outer base tube weldment on the side that is damaged. Leave the opposite side on to support the X-frame (see Figure 62 on [page 63](#)).
7. Slide the base crosstubes through the X-frame legs to loosen the X-frame.  
**Note:** The opposite side will still have the outer base tube and base crosstubes attached to the X-frame.
8. Remove the inner tube.
9. Using a T25 Torx driver, remove the screw that secures the base dead stop from the outer tube.
10. Using a 7/16" combination wrench and a 3/16" Allen wrench, remove the two screws that secure the cap bearings to the base litter interface bracket (one on each side) (see Figure 58 on [page 62](#)).
11. Squeeze the head release handles and slowly remove the head section assembly.
12. Using a 7/16" combination wrench and 3/16" Allen wrench, remove the bolt that secures the litter interface bracket.
13. Using a 3/16" Allen wrench, remove the two screws that hold the litter interface bracket together.
14. For the trend option, using a T25 driver, remove the two screws that secure the trend support bracket.
15. For the gatch option, using a T25 driver, remove the four screws that secure the gatch support brackets.
16. Pull outward on the outer rail until the litter interface bracket is off of the litter crosstube.
17. Remove the outer tube from the litter crosstube and save the tube bushings to reuse on the new tube.
18. Reverse the above procedures to install the new outer tube.
19. **Note:** Make sure that the X-frame guard screw hole on the new inner tube is facing the top of the cot when reassembling.
20. Test full cot functionality prior to returning the cot to service.

## SIDERAIL ASSEMBLY

Tools Required:

- T25 Torx Driver

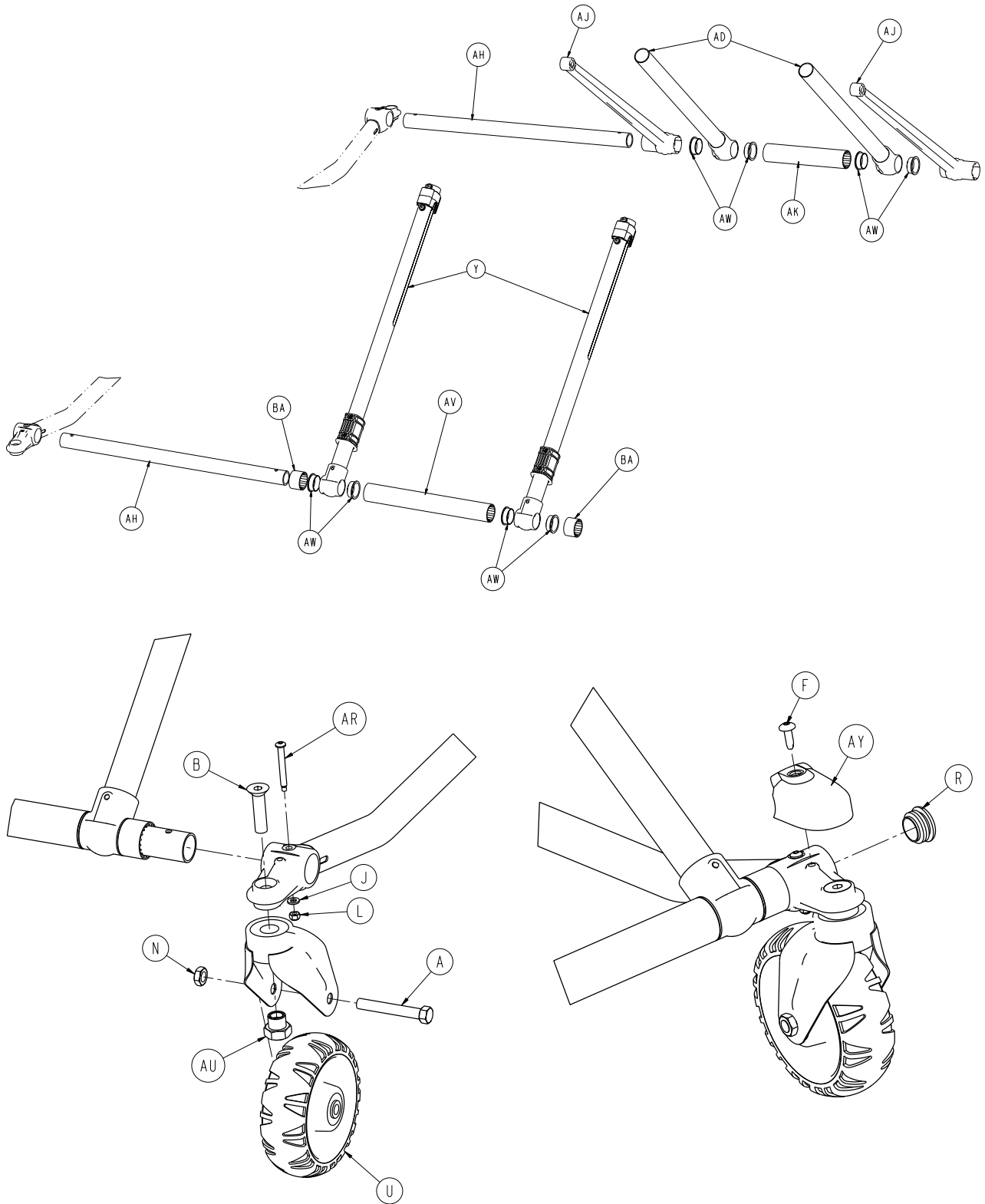
### Procedure:

1. Raise the cot to the full upright position.
2. Raise the siderail to the up and locked position.
3. Using a T25 driver, remove the three spindle screws that secure the siderail assembly.
4. Remove the siderail.
5. Reverse the above procedures to install the new siderail assembly.

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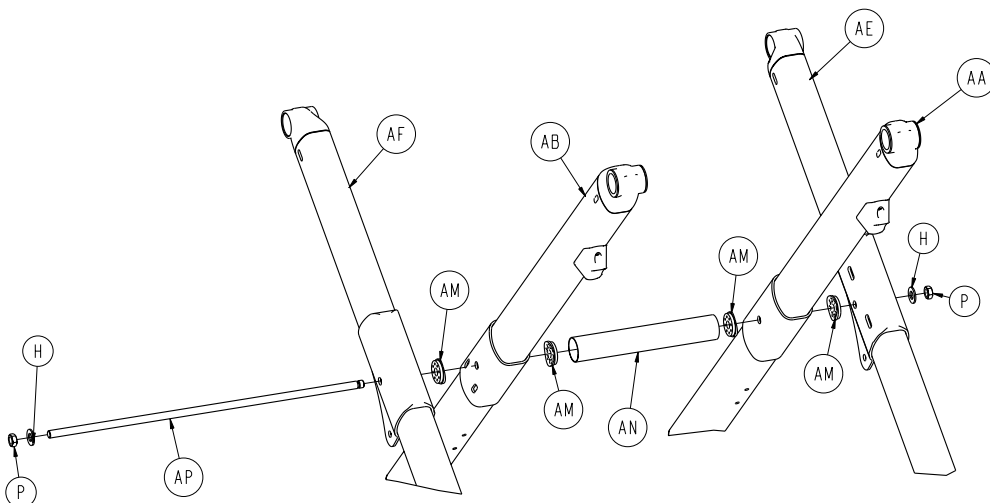
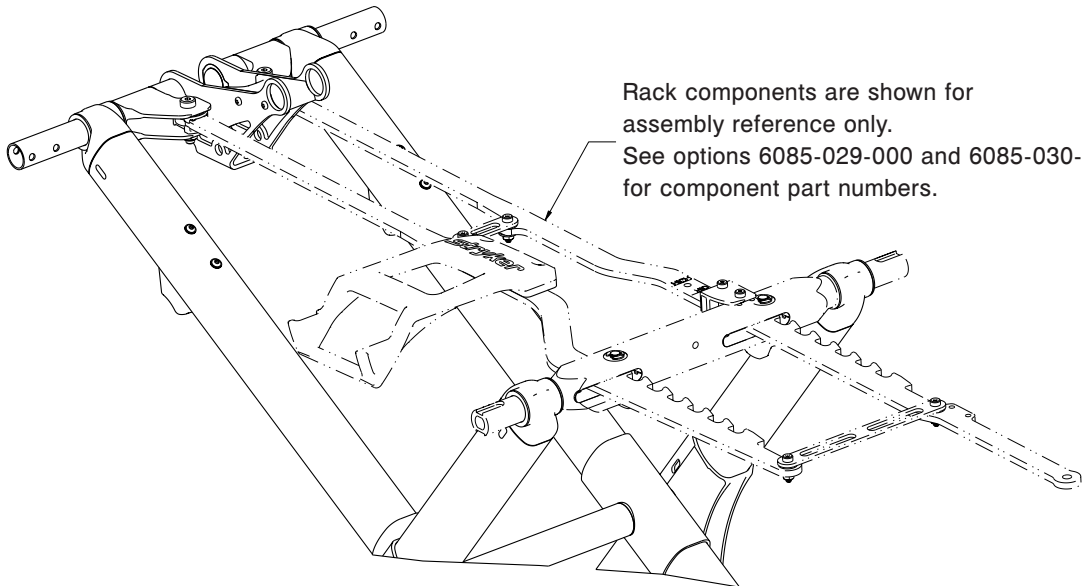
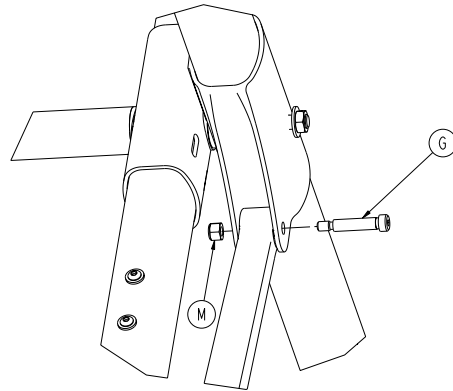
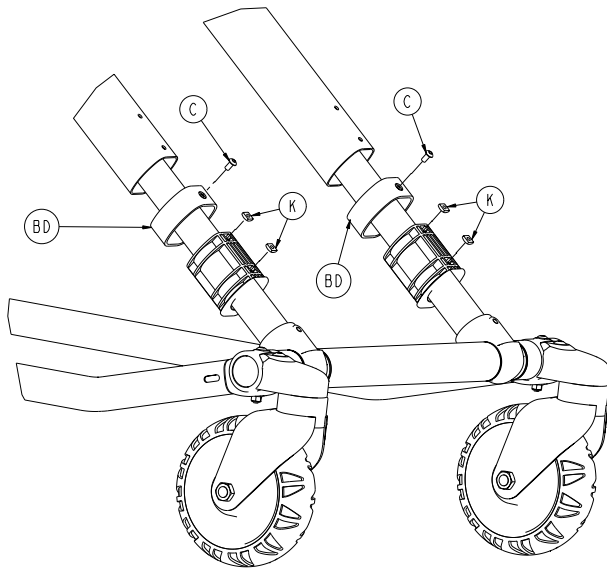
# Base Assembly

6085-001-012 Rev D (Reference Only)



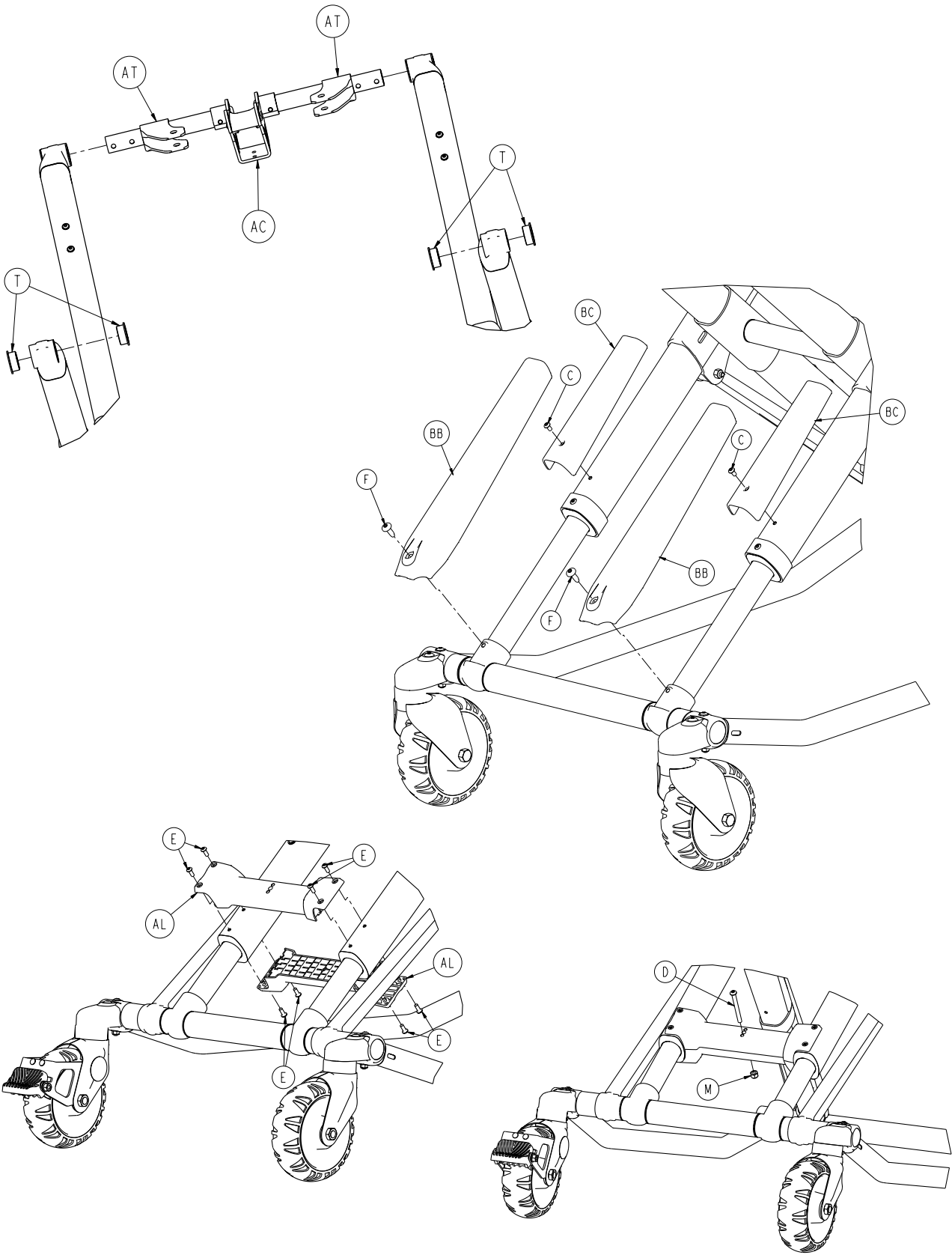
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# Base Assembly



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# Base Assembly



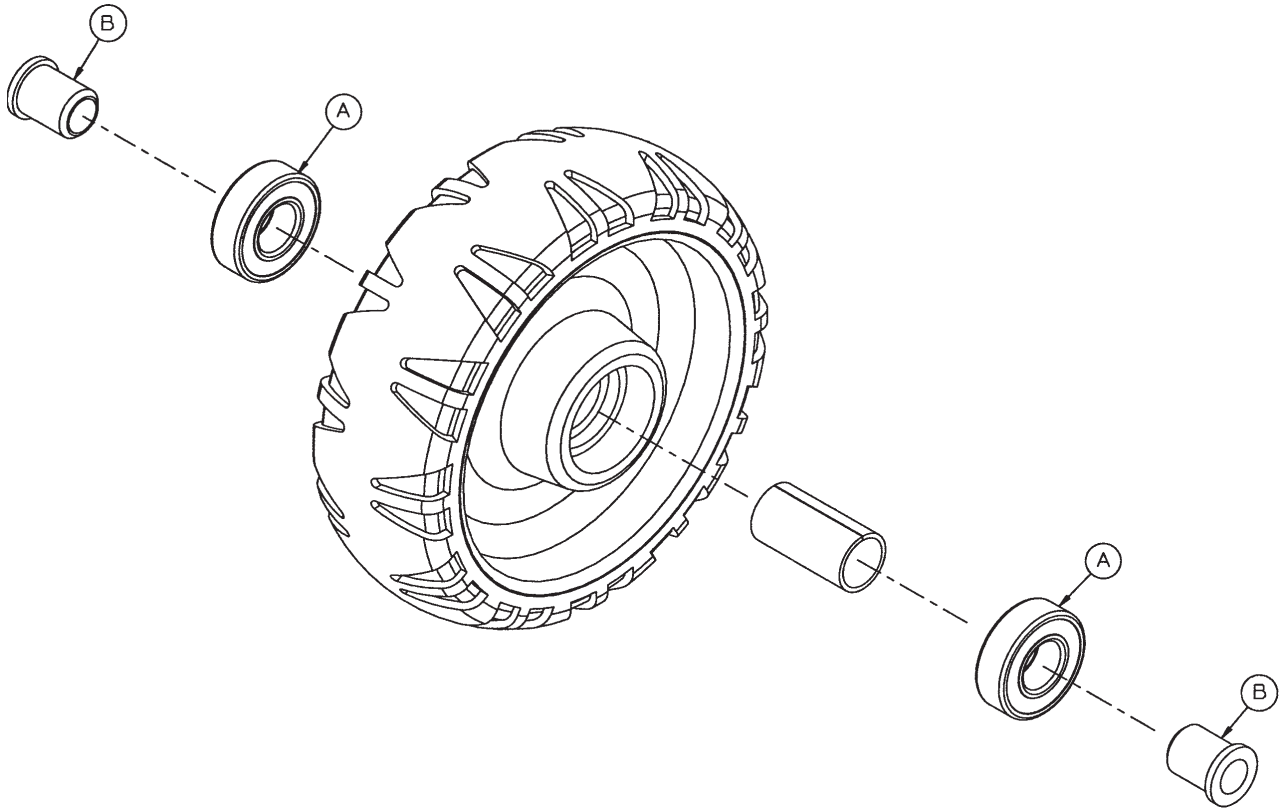
# Base Assembly

## Base Assembly - 6085-001-012 Rev D (Reference Only)

Item	Part No.	Part Name	Qty.
A	0003-205-000	Hex Head Cap Screw	4
B	0004-319-000	Flat Head Shoulder Screw	4
C	0004-587-000	Button Head Cap Screw	4
D	0004-597-000	Button Head Cap Screw	1
E	0004-634-000	Button Head Cap Screw	8
F	0007-086-000	Truss Head Screw	6
G	0008-057-000	Socket Head Shoulder Screw	2
H	0011-004-000	Washer	2
J	0014-002-000	Washer	4
K	0015-051-000	Square Nut	4
L	0016-002-000	Fiberlock Hex Nut	4
M	0016-028-000	Fiberlock Hex Nut	3
N	0016-060-000	Toplock Hex Nut	4
P	0016-089-000	Centerlock Hex Jam Nut	2
R	0037-083-000	Tube Plug	4
T	0081-244-000	Flange Bearing	4
U	6060-002-010	Molded Wheel Assembly ( <a href="#">page 71</a> )	4
Y	6085-001-017	Inner Leg Assembly ( <a href="#">page 76</a> )	2
AA	6085-001-023	Outer Lift Tube Assy., Right ( <a href="#">page 77</a> )	1
AB	6085-001-024	Outer Lift Tube Assy., Left ( <a href="#">page 78</a> )	1
AC	6085-001-026	Litter Base Assembly ( <a href="#">page 79</a> )	1
AD	6085-001-051	Short Inner Base Leg Weldment	2
AE	6085-001-052	Outer Base Leg Weldment, Right, Foot End	1
AF	6085-001-053	Outer Base Leg Weldment, Left, Foot End	1
AH	6500-001-229	Foot Base Tube	2
AJ	6085-001-082	Timing Link	2
AK	6085-001-086	Mid Base Spacer, Foot End	1
AL	6085-001-087	Base Stiffener	2
AM	6085-001-088	Connecting Rod Bearing	4
AN	6085-001-090	Connecting Rod Spacer	1
AP	6085-001-091	Base Connecting Rod	1
AR	6085-001-097	Caster Mount Bolt	4
AT	6085-001-129	Litter Base Extrusion	2
AU	6090-001-009	EMS Cot Caster Nut	4
AV	6500-001-129	Outer Base Spacer, Head End	1
AW	6500-001-166	Flange Bearing	8
AY	6500-001-177	Caster Mount Cover	4
BA	6500-001-178	Outer Base Spacer, Head End	2
BB	6500-001-179	Lower X-Frame Guard	2
BC	6500-001-180	X-Frame Guard Assembly	2
BD	6500-001-228	Inner Lift Tube Sleeve	2

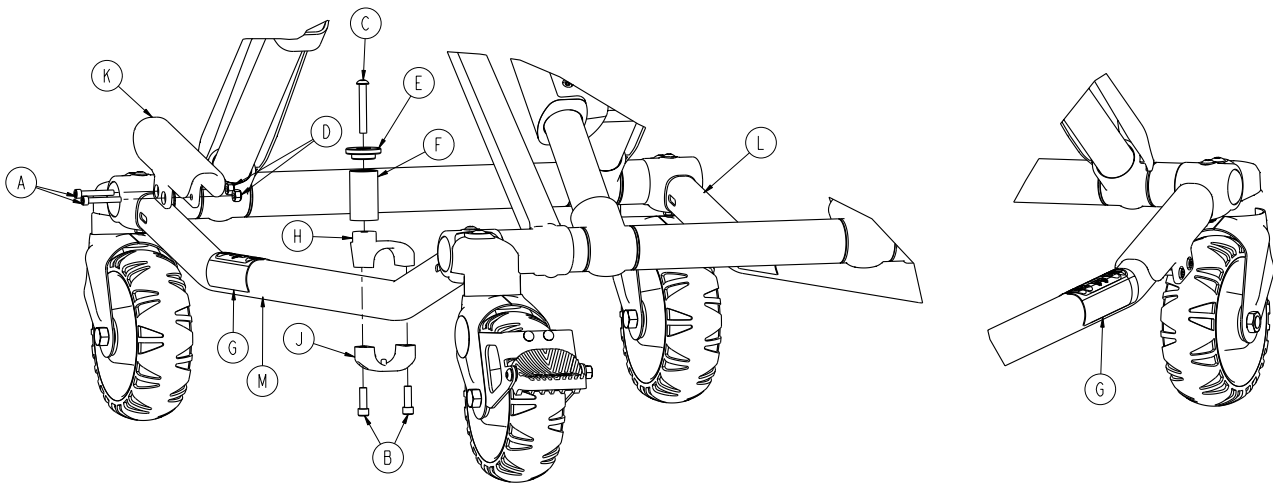
## Wheel Assembly - 6060-002-010

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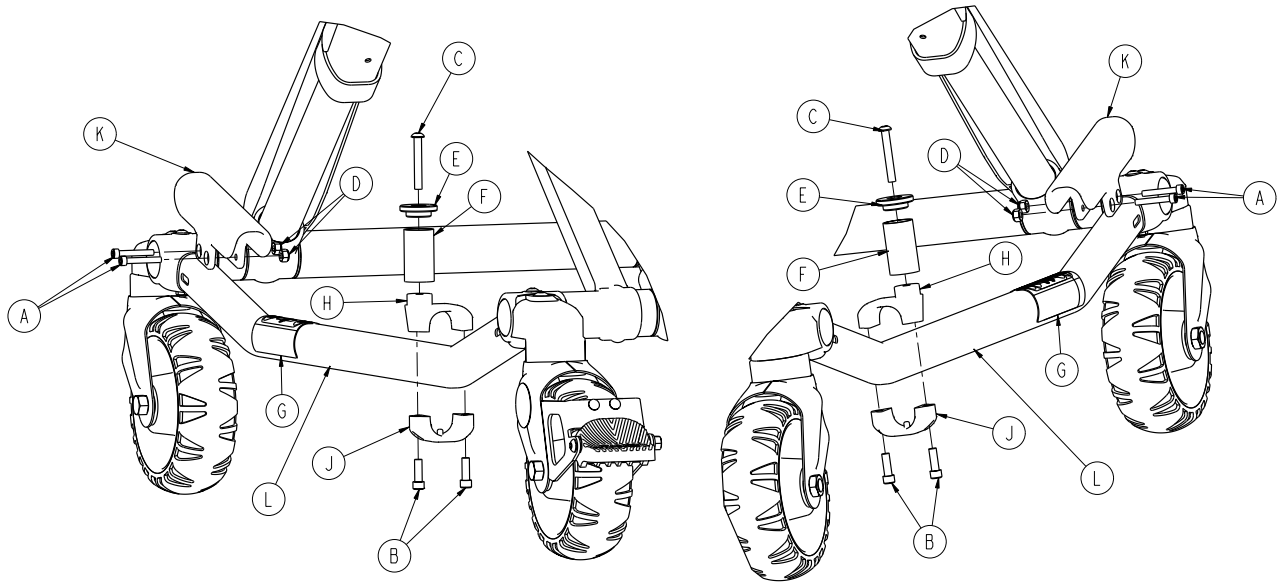
Item	Part No.	Part Name	Qty.
A	0081-226-000	Bearing	2
B	0715-001-255	Wheel Bushing	2

## Optional Cot Retaining Post, Right - 6085-033-000



Item	Part No.	Part Name	Qty.
A	0004-160-000	Socket Head Cap Screw	2
B	0004-591-000	Socket Head Cap Screw	2
C	0004-631-000	Button Head Cap Screw	1
D	0016-003-000	Nylock Hex Nut	2
E	6060-004-043	Retaining Post Cap	1
F	6060-004-044	Post Tube	1
G	6080-090-108	Lift Here Label	2
H	6500-001-189	Top Pin Bracket	1
J	6500-001-190	Bottom Pin Bracket	1
K	6500-001-302	Base Tube Protector	1
L	6085-001-056	Outer Base Tube Weldment	1
M	6085-001-057	Outer Base Tube Weldment	1

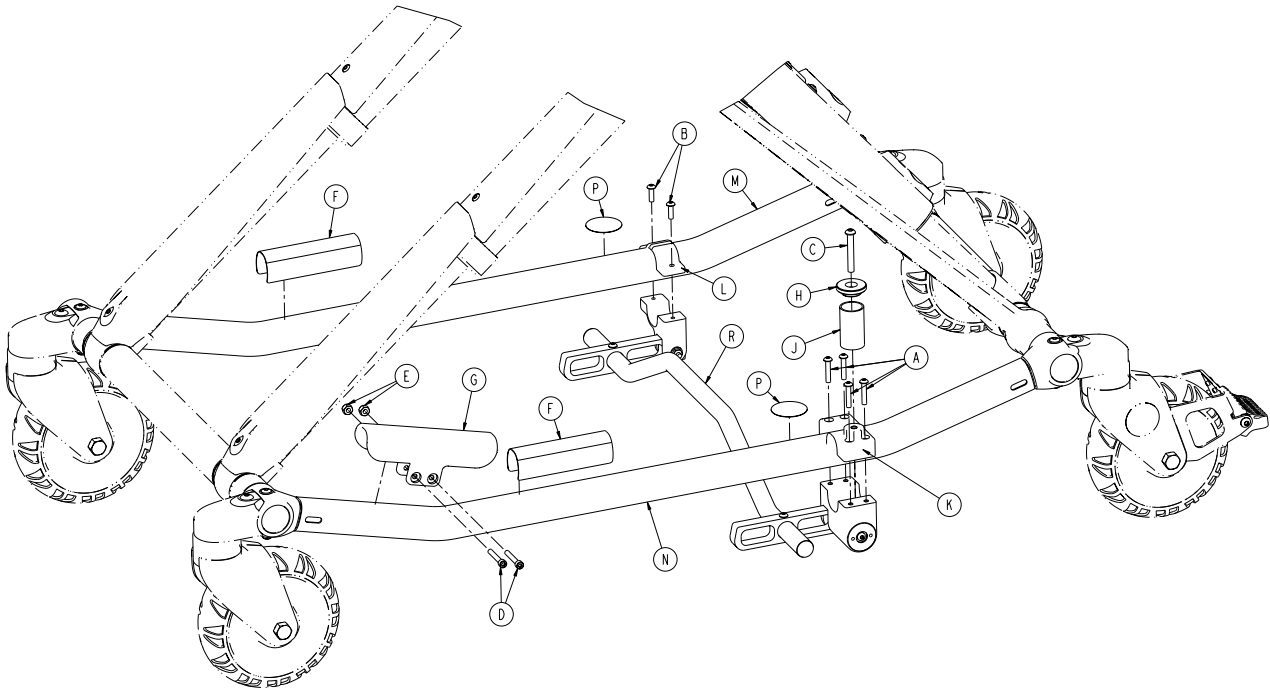
## Optional Dual Cot Retaining Post - 6085-034-000



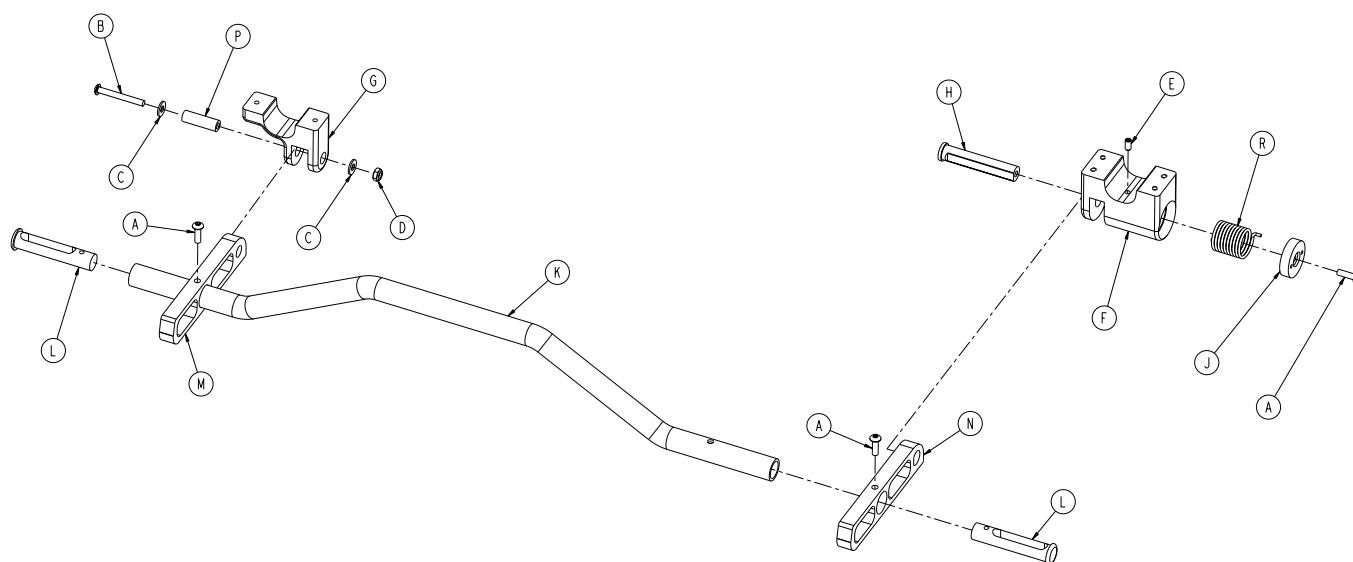
Item	Part No.	Part Name	Qty.
A	0004-160-000	Socket Head Cap Screw	4
B	0004-591-000	Socket Head Cap Screw	4
C	0004-631-000	Button Head Cap Screw	2
D	0016-003-000	Nylock Hex Nut	4
E	6060-004-043	Retaining Post Cap	2
F	6060-004-044	Post Tube	2
G	6080-090-108	Lift Here Label	2
H	6500-001-189	Top Pin Bracket	2
J	6500-001-190	Bottom Pin Bracket	2
K	6500-001-302	Base Tube Protector	2
L	6085-001-057	Outer Base Tube Weldment	2



# Kickstand Assembly - 6085-002-000

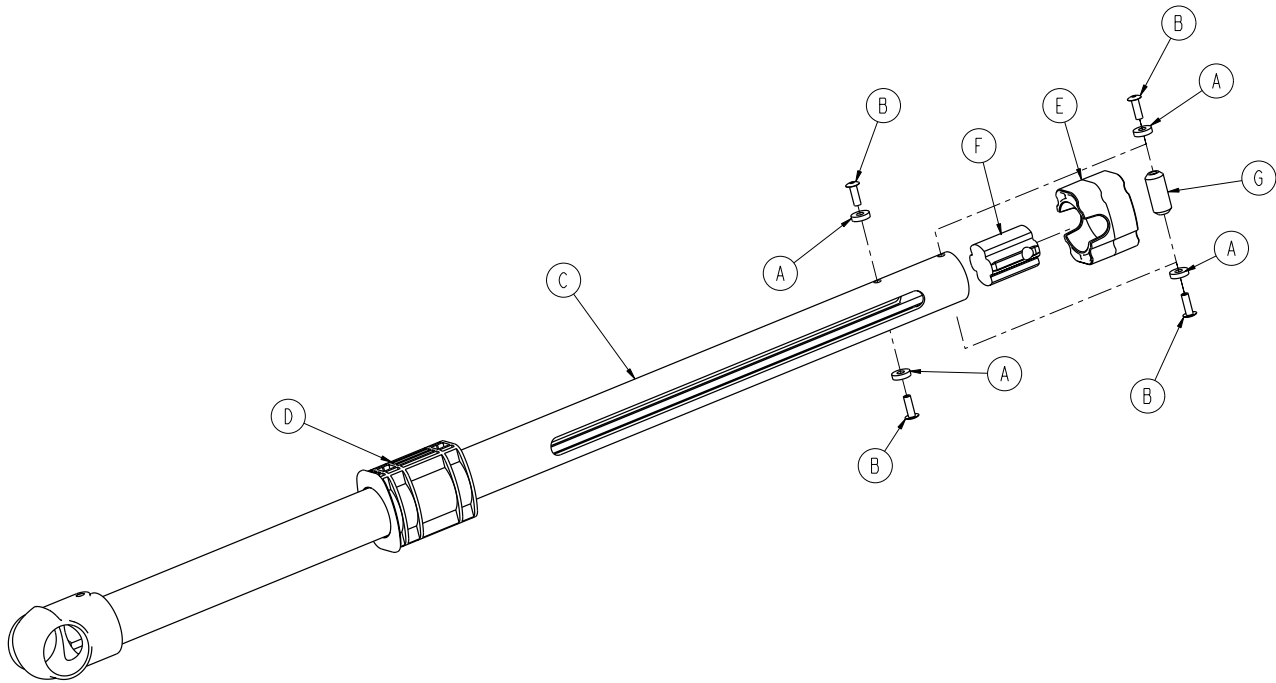


Item	Part No.	Part Name	Qty.
A	0004-460-000	Button Head Socket Screw	4
B	0004-515-000	Button Head Cap Screw	2
C	0004-631-000	Button Head Cap Screw	1
D	0004-160-000	Socket Head Cap Screw	2
E	0016-003-000	Nylock Hex Nut	2
F	6080-090-108	Label, Lift Here	2
G	6500-001-302	Base Tube Protector	1
H	6060-004-043	Retaining Post Cap	1
J	6060-004-044	Post Tube	1
K	6085-002-001	Kickstand Cot Retaining Post Bracket	1
L	6085-002-002	Kickstand Top Pin Bracket	1
M	6085-001-056	Outer Base Tube Weldment	1
N	6085-001-057	Outer Base Tube Weldment	1
P	6080-090-101	Label, Warning	2
R	6085-002-016	Kickstand Sub-Assembly ( <a href="#">page 75</a> )	1



Item	Part No.	Part Name	Qty.
A	0004-515-000	Button Head Cap Screw	3
B	0004-636-000	Button Head Cap Screw	1
C	0011-302-000	Plain Washer	2
D	0016-131-000	Nylock Hex Nut	1
E	0021-180-000	Set Screw	1
F	6085-002-003	Kickstand Spring Housing	1
G	6085-002-004	Kickstand Bottom Bracket	1
H	6085-002-006	Kick Bolt	1
J	6085-002-007	Kick Bolt Head	1
K	6085-002-008	Kick Tube	1
L	6085-002-009	Kick Tube Cap	2
M	6085-002-011	Rocker Strut, Left	1
N	6085-002-012	Rocker Strut, Right	1
P	6085-002-013	Kickstand Spacer	1
R	6085-002-014	Kickstand Torsion Spring	1

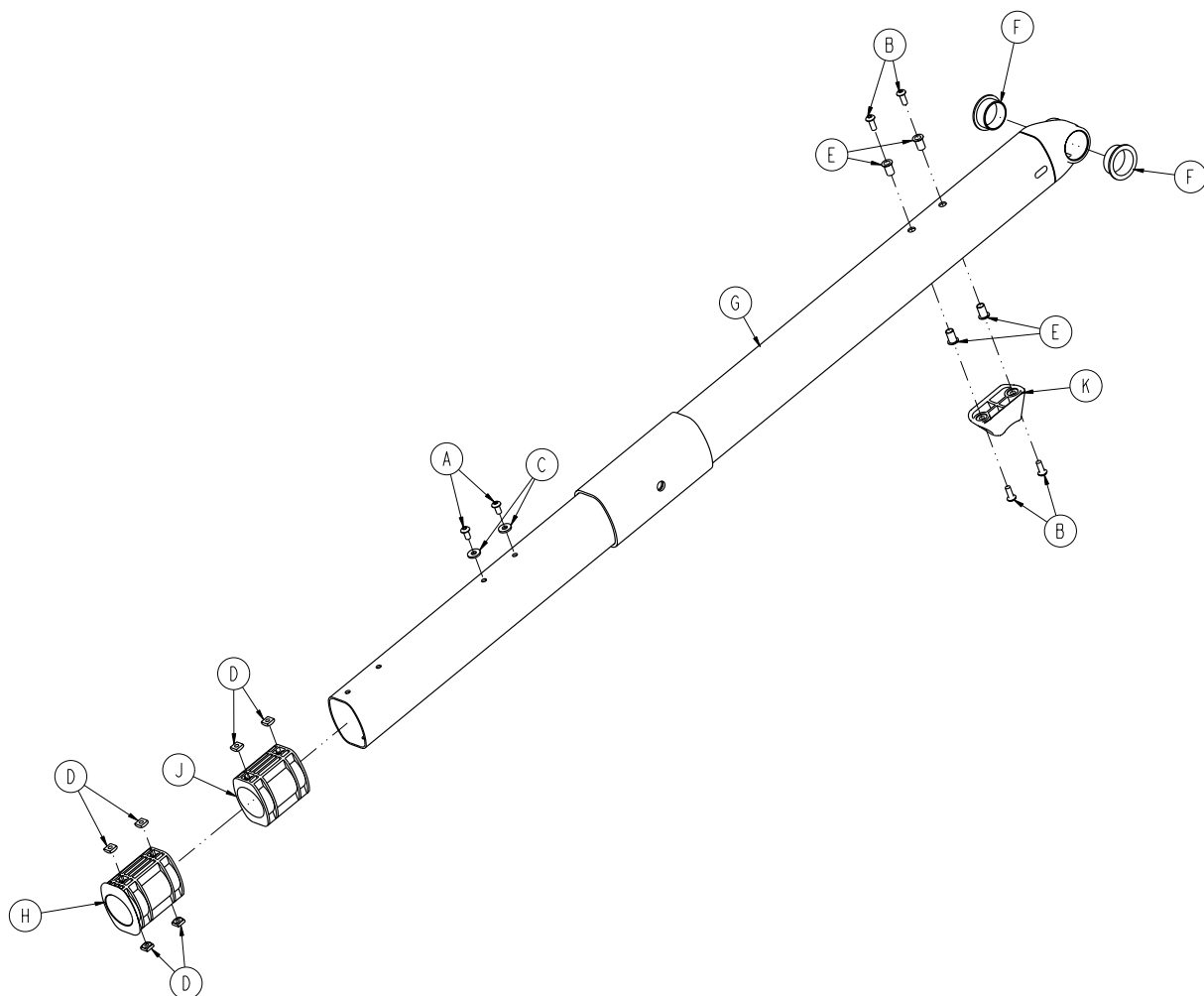
## Inner Leg Assembly - 6085-001-017



Item	Part No.	Part Name	Qty.
A	0014-115-000	Washer	4
B	0025-133-000	Dome Head Rivet	4
C	6085-001-050	Inner Base Leg Weldment	1
D	6085-001-095	Lower Frame Tube Bearing	1
E	6085-001-102	Upper Frame Tube Bearing	1
F	6085-001-112	Inner Leg Bumper	1
G	6085-001-126	Hot Drop Dampener Retainer	1

# Outer Lift Tube Assembly, Litter Pivot, Right

For Reference Only: 6085-001-023

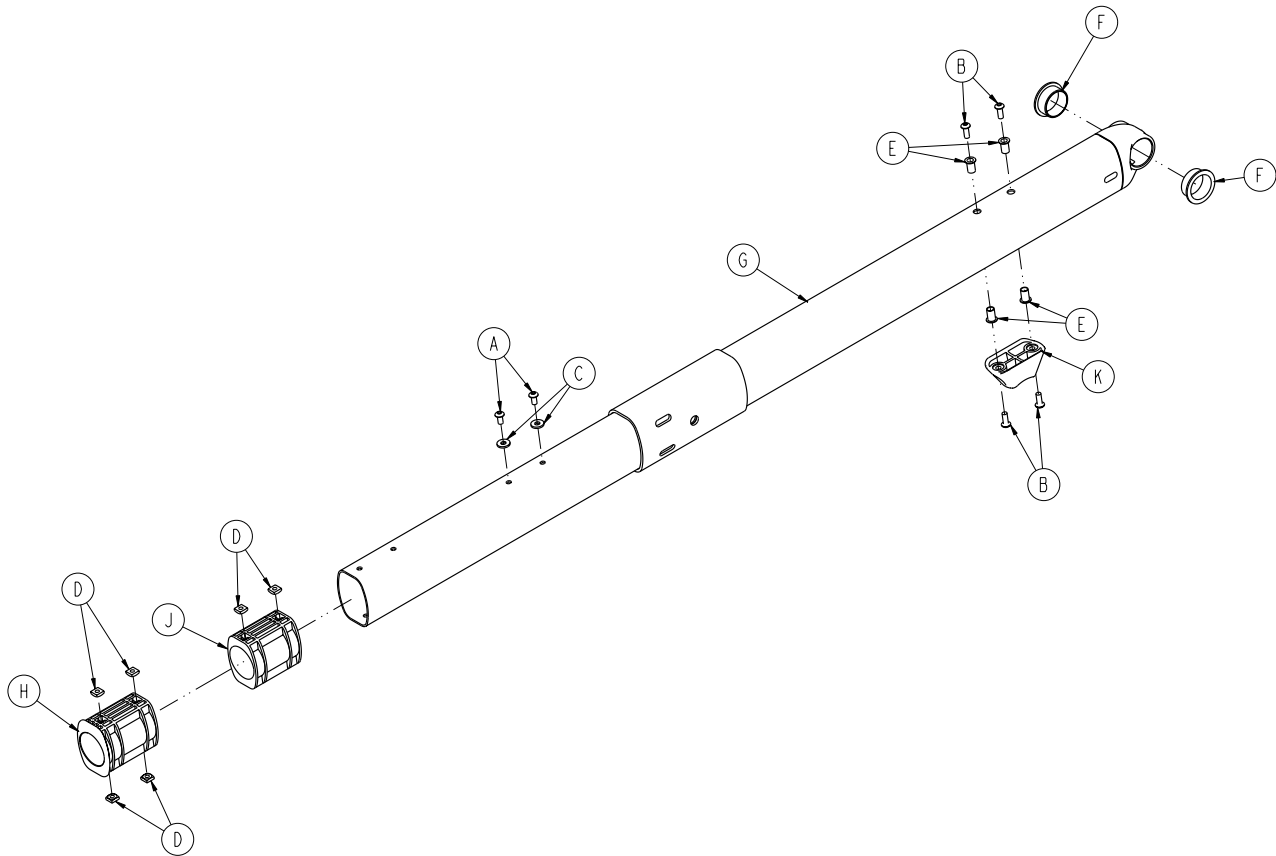


Item	Part No.	Part Name	Qty.
A	0004-587-000	Button Head Cap Screw	2
B	0004-634-000	Button Head Cap Screw	4
C	0014-030-000	Washer	2
D	0015-051-000	Square Nut	6
E	0055-100-075	Riv Nut	4
F	0081-244-000	Flange Bearing	2
G	6085-001-054	Inner Base Leg Weldment	1
H	6085-001-095	Lower Frame Tube Bearing	1
J	6085-001-096	Slide Bearing	1
K	6500-001-125	Base Dead Stop	1

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# Outer Lift Tube Assembly, Litter Pivot, Left

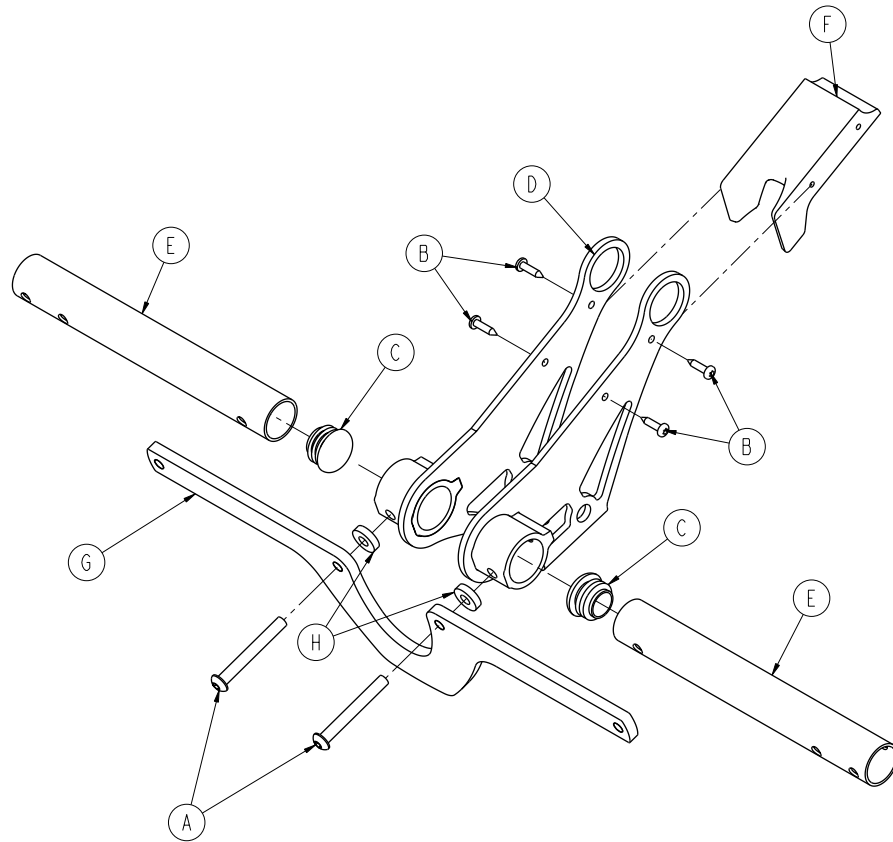
For Reference Only: 6085-001-024



Item	Part No.	Part Name	Qty.
A	0004-587-000	Button Head Cap Screw	2
B	0004-634-000	Button Head Cap Screw	4
C	0014-030-000	Washer	2
D	0015-051-000	Square Nut	6
E	0055-100-075	Riv Nut	4
F	0081-244-000	Flange Bearing	2
G	6085-001-054	Inner Base Leg Weldment	1
H	6085-001-095	Lower Frame Tube Bearing	1
J	6085-001-096	Slide Bearing	1
K	6500-001-125	Base Dead Stop	1

# Litter Base Assembly

For Reference Only: 6085-001-026

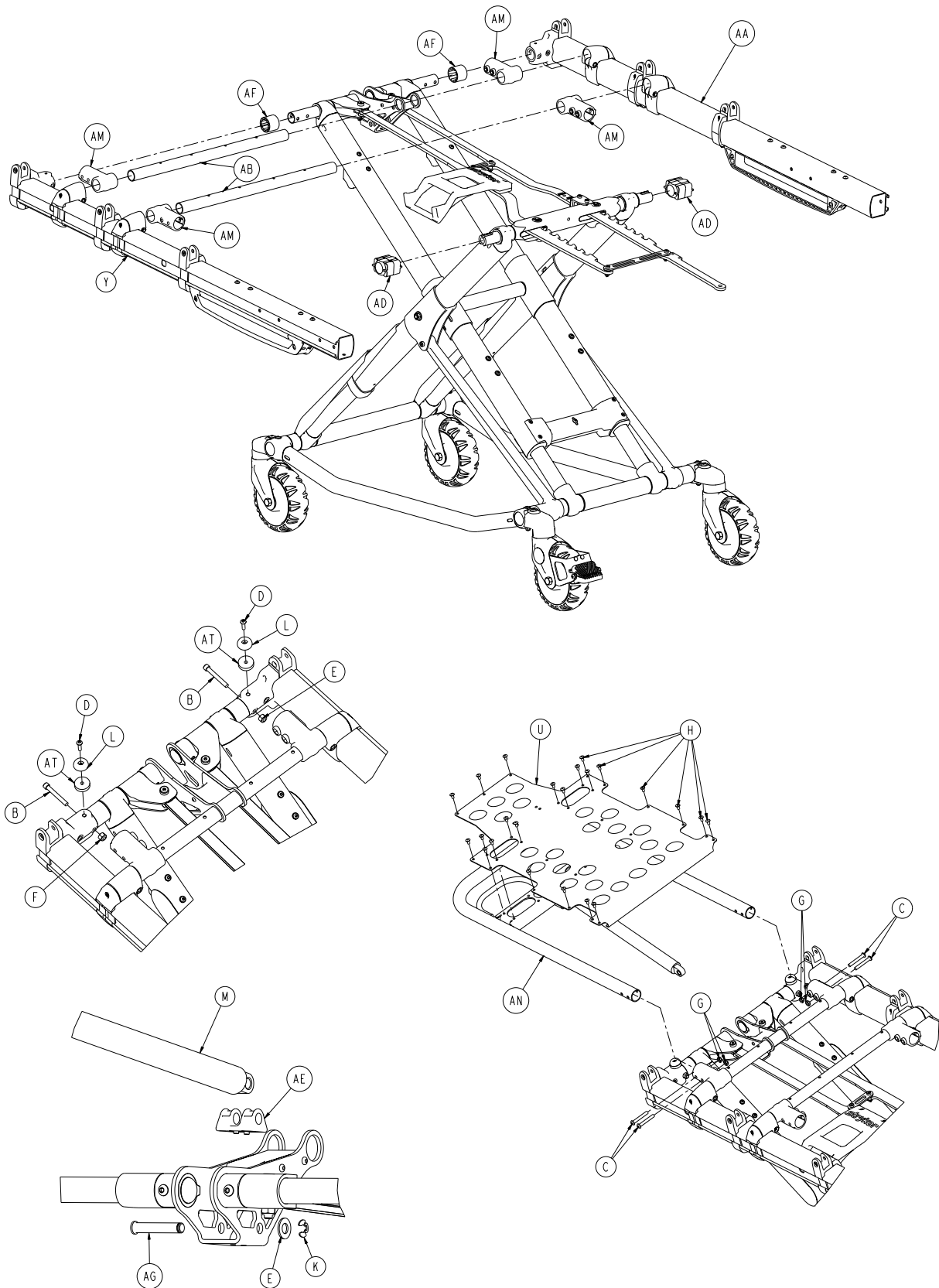


Item	Part No.	Part Name	Qty.
A	0004-511-000	Button Head Cap Screw	2
B	0023-162-000	Delta Screw	4
C	0037-243-000	Tube Plug	2
D	6085-001-055	Litter Base Interface Weldment	1
E	6085-001-131	Litter Base Tube	2
F	6085-001-140	Litter Base Stiffener Cover	1
G	6085-001-176	Litter/Base Stiffener	1
H	6085-001-178	Litter/Base Spacer	2

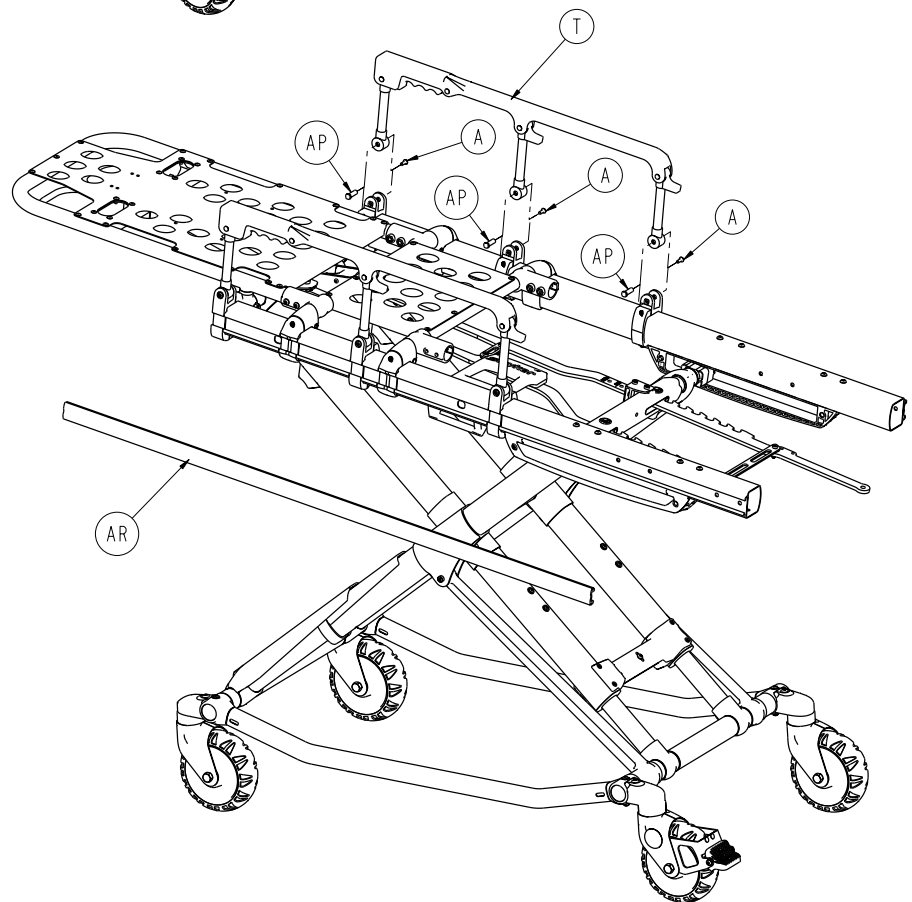
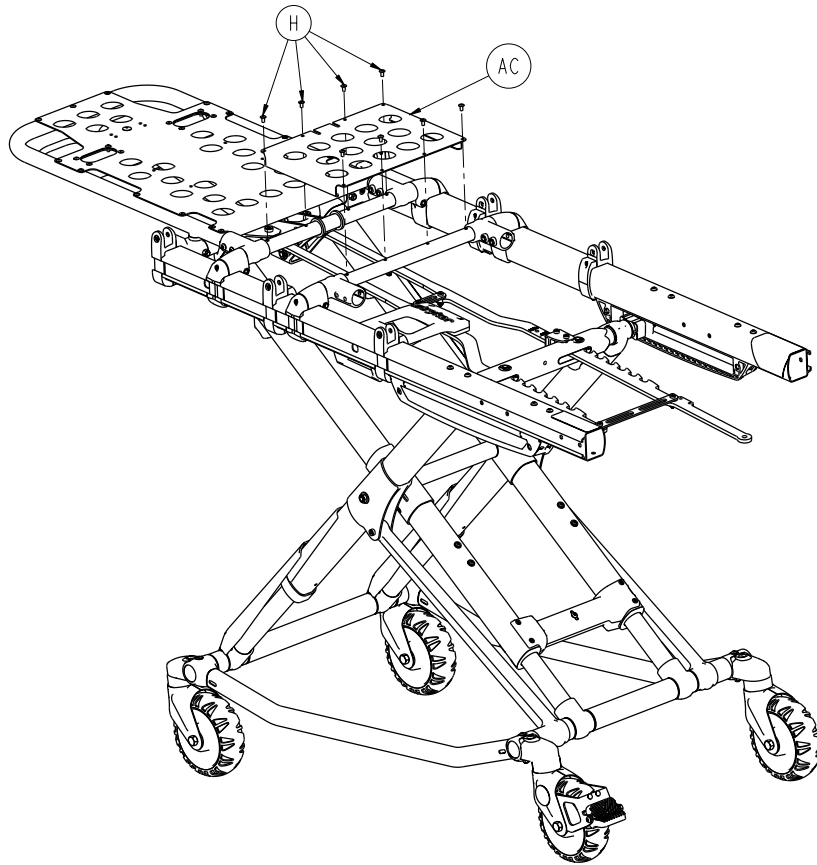
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# Cot Assembly

For Reference Only: 6085-001-010



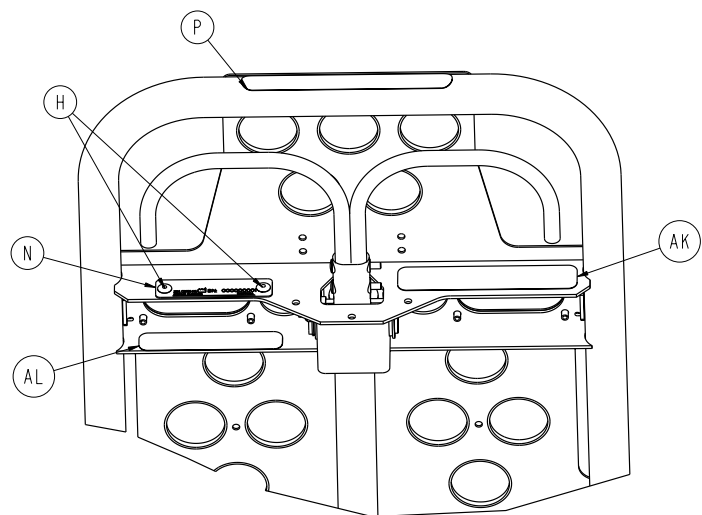
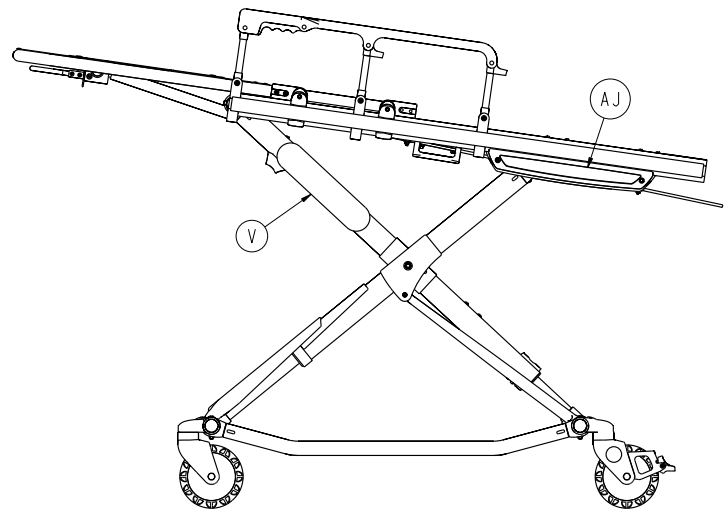
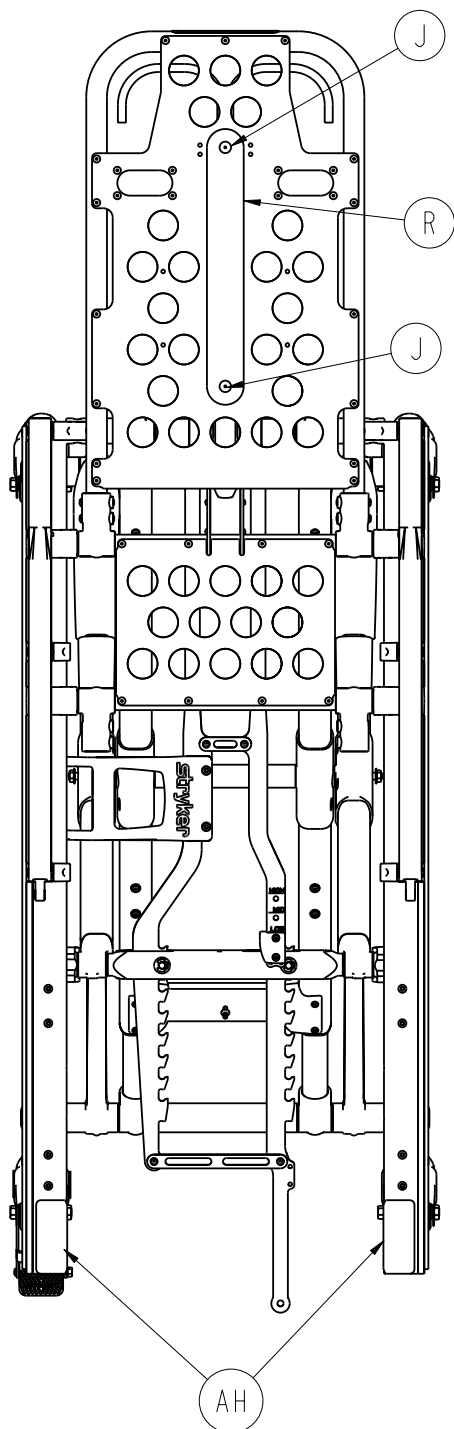
# Cot Assembly



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# Cot Assembly

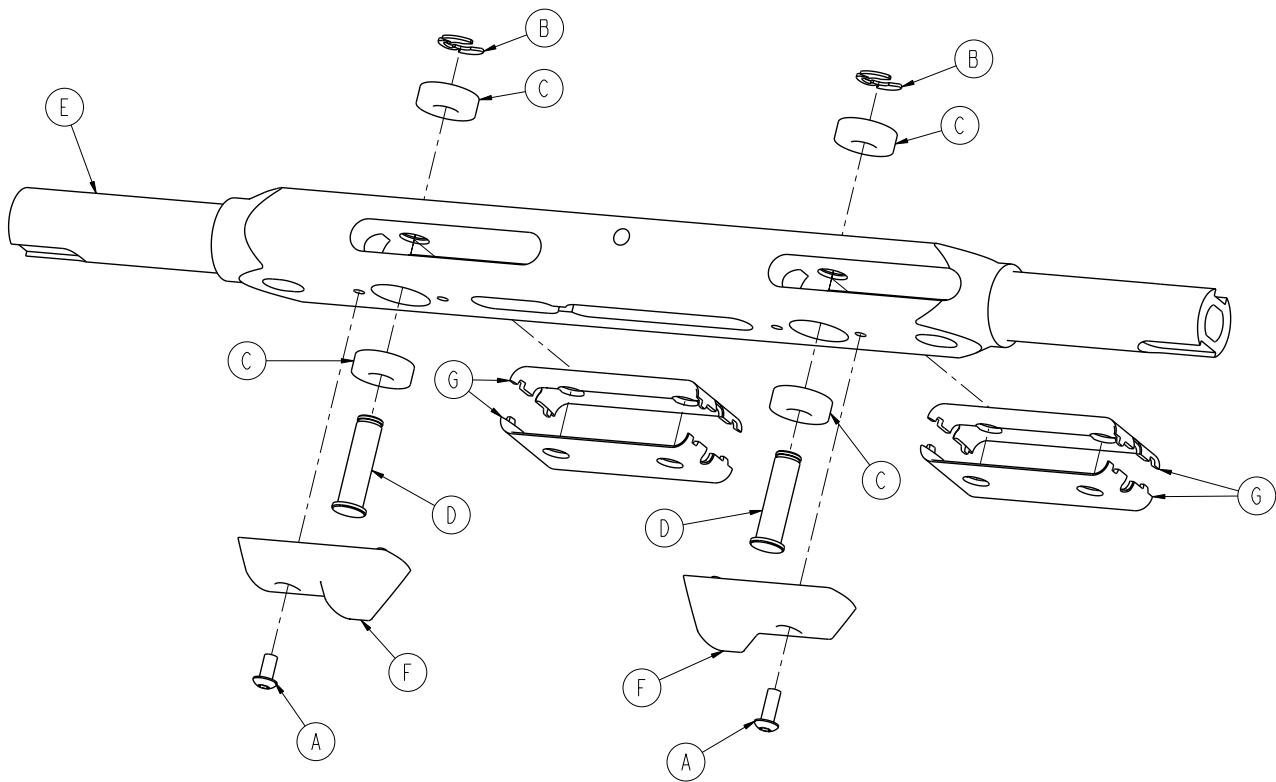


# Cot Assembly

## Cot Assembly - 6085-001-010 (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-585-000	Button Head Cap Screw	6
B	0004-595-000	Socket Head Cap Screw	2
C	0004-596-000	Button Head Cap Screw	4
D	0004-614-000	Button Head Cap Screw	2
E	0011-004-000	Flat Washer	1
F	0016-028-000	Nylock Hex Nut	2
G	0016-102-000	Nylock Hex Nut	4
H	0025-079-000	Dome Head Rivet	33
J	0025-132-000	Dome Head Rivet	2
K	0028-181-000	Truarc Ring	1
L	0946-001-155	Bumper	2
M	1010-031-077	Gas Spring	1
N	6060-090-002	Serial Number Tag	1
P	6060-090-004	Small Label	1
R	6082-001-085	2" Adhesive Loop Pile	1
T	6082-026-010	Siderail Assembly ( <a href="#">page 100</a> )	2
U	6082-032-045	Fowler Skin	1
V	6082-090-043	Stryker Label	2
W	6085-001-012	Base Assembly ( <a href="#">page 67</a> )	1
Y	6085-001-025	Outer Rail, Right ( <a href="#">page 85</a> )	1
AA	6085-001-027	Outer Rail, Left ( <a href="#">page 86</a> )	1
AB	6085-001-110	Litter Support Cross Tube	2
AC	6085-001-113	Mid-Section Skin	1
AD	6085-001-127	Rack Bar Slider	2
AE	6085-001-132	Fowler Cylinder Support	1
AF	6085-001-134	Plastic Extrusion	2
AG	6085-001-143	Fowler Cylinder Pin	1
AH	6085-001-155	Weight Capacity Label	1
AJ	6085-001-156	Slider Housing Label	1
AK	6085-001-157	Performance-PRO™ XT Spec Label	1
AL	6085-001-165	Manual Warning Label	1
AM	6100-003-125	Straight T Pivot	4
AN	6500-001-018	Fowler Assembly ( <a href="#">page 103</a> )	1
AP	6500-001-118	Siderail Nut	1
AR	6500-001-127	Outer Rail Bumper	2
AT	6500-001-185	Fowler Bumper Spacer	2
AU	0004-594-000	Button Head Cap Screw	8

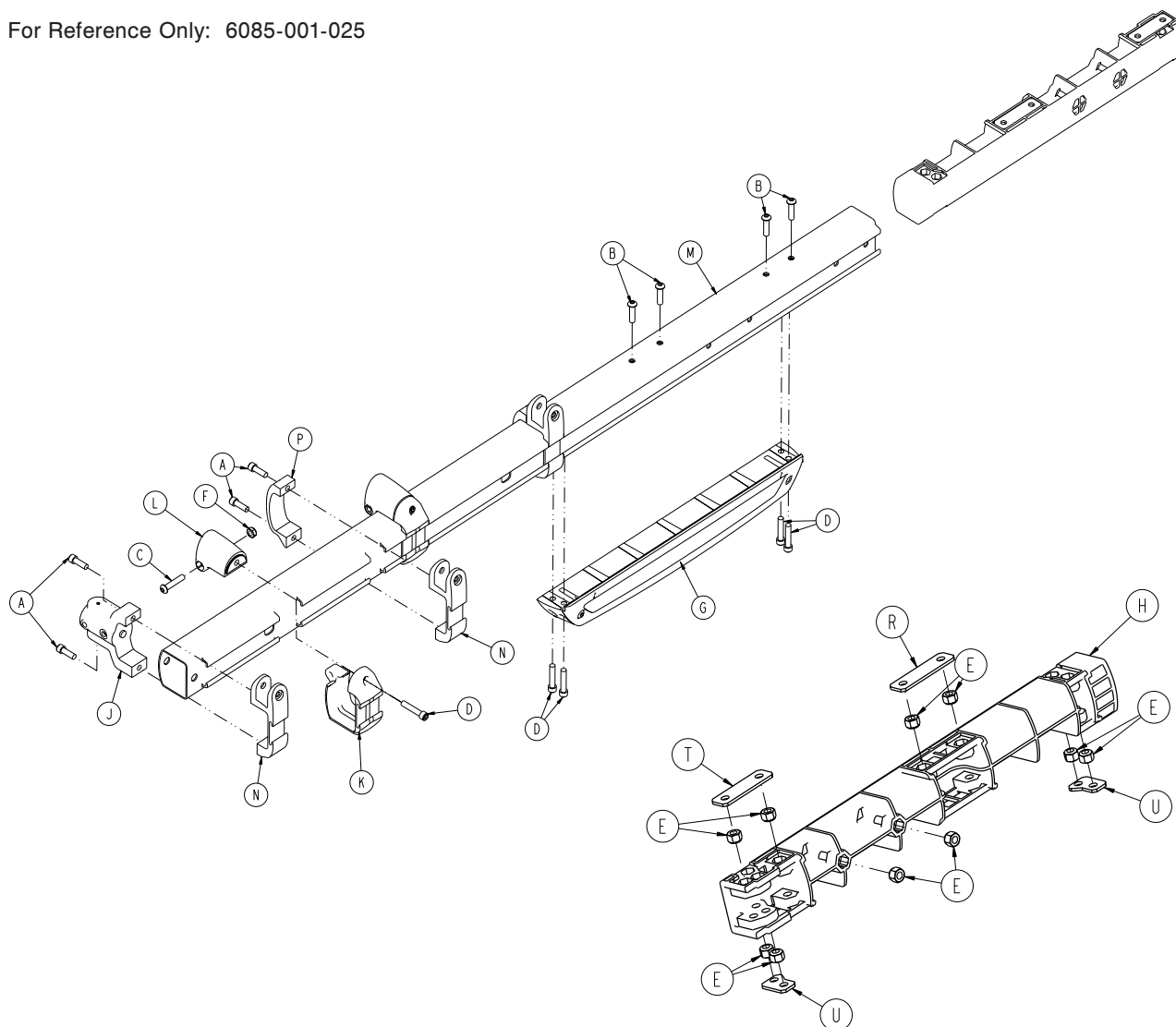
# Lock Bar Assembly - 6085-001-013



Item	Part No.	Part Name	Qty.
A	0004-634-000	Button Head Cap Screw	2
B	0028-181-000	Truarc Ring	2
C	0081-248-000	Bearing	4
D	6082-005-096	Height Adjustment Rack Latch Pin	2
E	6085-001-093	Height Adjustment Rack Lock Bar	1
F	6085-001-094	Base Dead Stop	2
G	6085-001-136	Lock Bar Slide Bushing	4

# Outer Rail, Right Assembly

For Reference Only: 6085-001-025

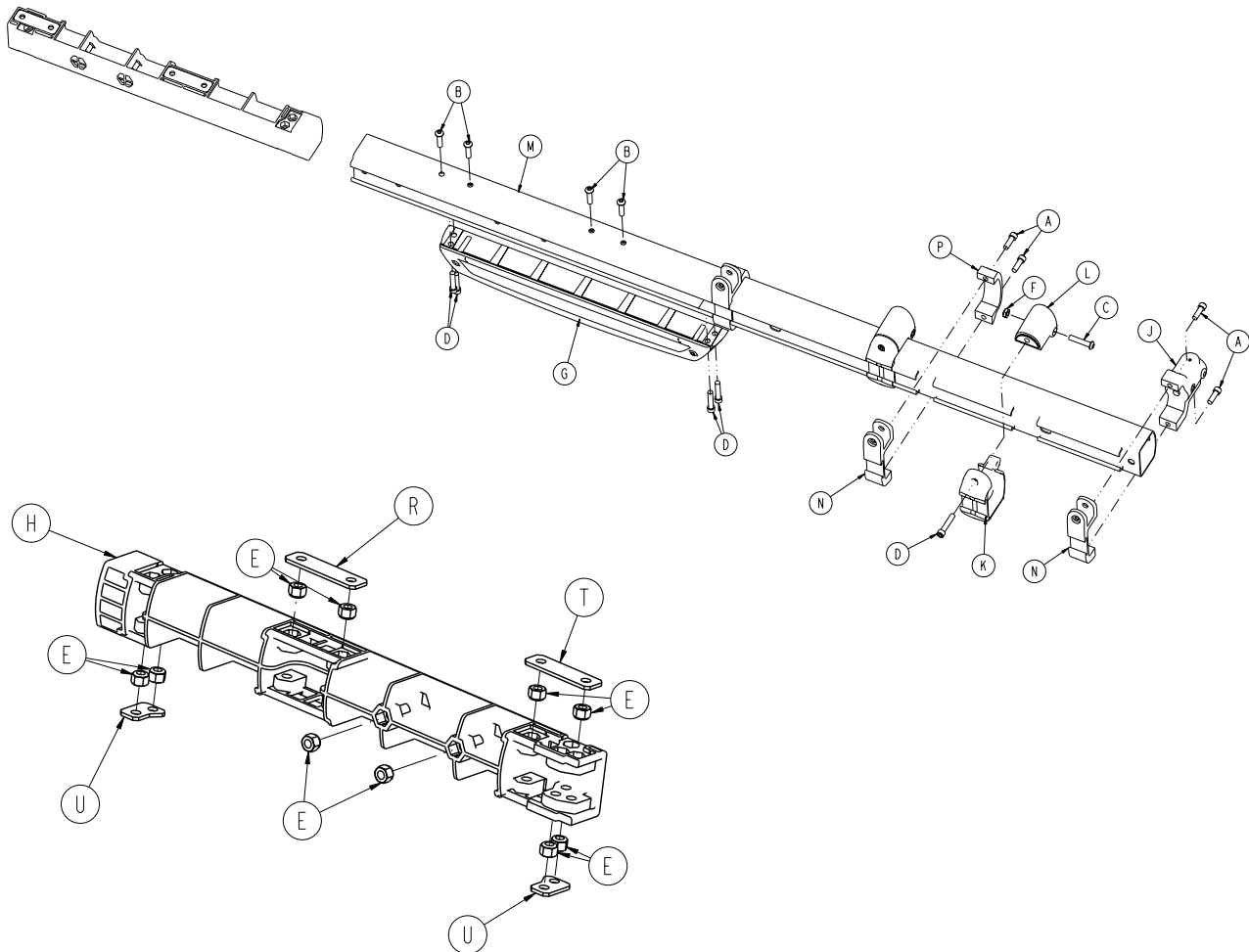


Item	Part No.	Part Name	Qty.
A	0004-591-000	Socket Head Cap Screw	6
B	0004-594-000	Button Head Cap Screw	4
C	0004-612-000	Button Head Cap Screw	2
D	0004-613-000	Socket Head Cap Screw	6
E	0016-028-000	Fiberlock Hex Nut	10
F	0016-102-000	Nylock Hex Nut	2
G	6085-001-029	Slide Housing Assembly ( <a href="#">page 102</a> )	1
H	6500-001-098	Litter Dead Stop, Internal	1
J	6500-001-102	Base/Litter Interface Bracket	1
K	6500-001-104	Litter Support Bracket, Outside	2
L	6500-001-106	Litter Support Bracket, Inside	2
M	6500-001-114	Extrusion Outer Rail	1
N	6500-001-116	Siderail Bracket	3
P	6500-001-117	Siderail Clamp	2
R	6500-001-243	I.V. Pole Backer Plate	1
T	6500-001-244	I.V. Clip Backer Plate	1
U	6500-001-245	Sensor Housing Backer Plate	2

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# Outer Rail, Left Assembly

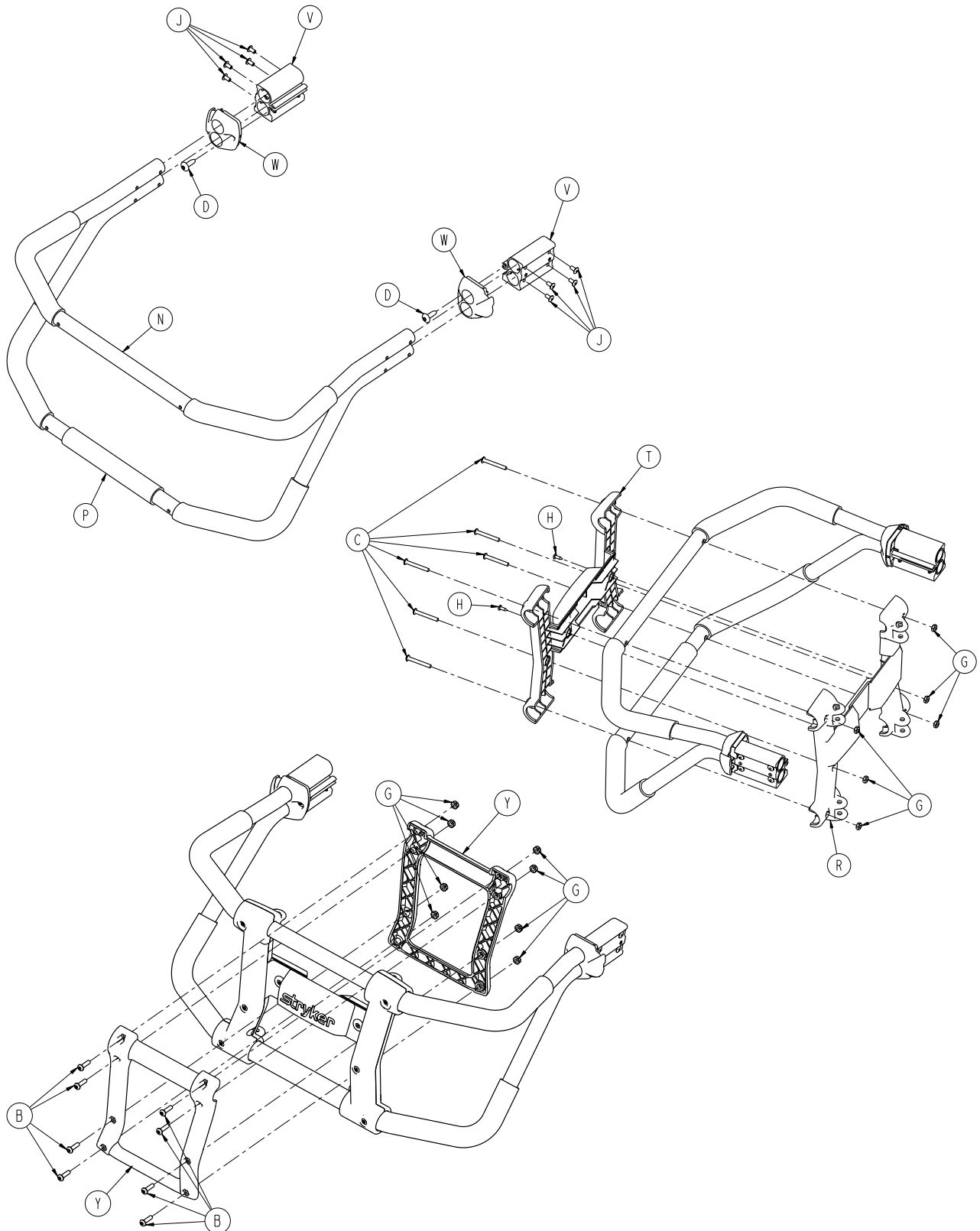
For Reference Only: 6085-001-027



Item	Part No.	Part Name	Qty.
A	0004-591-000	Socket Head Cap Screw	6
B	0004-594-000	Button Head Cap Screw	4
C	0004-612-000	Button Head Cap Screw	2
D	0004-613-000	Socket Head Cap Screw	6
E	0016-028-000	Fiberlock Hex Nut	10
F	0016-102-000	Nylock Hex Nut	2
G	6085-001-028	Slide Housing Assembly ( <a href="#">page 101</a> )	1
H	6500-001-098	Litter Dead Stop, Internal	1
J	6500-001-102	Base/Litter Interface Bracket	1
K	6500-001-104	Litter Support Bracket, Outside	2
L	6500-001-106	Litter Support Bracket, Inside	2
M	6500-001-115	Extrusion Outer Rail	1
N	6500-001-116	Siderail Bracket	3
P	6500-001-117	Siderail Clamp	2
R	6500-001-243	I.V. Pole Backer Plate	1
T	6500-001-244	I.V. Clip Backer Plate	1
U	6500-001-245	Sensor Housing Backer Plate	2

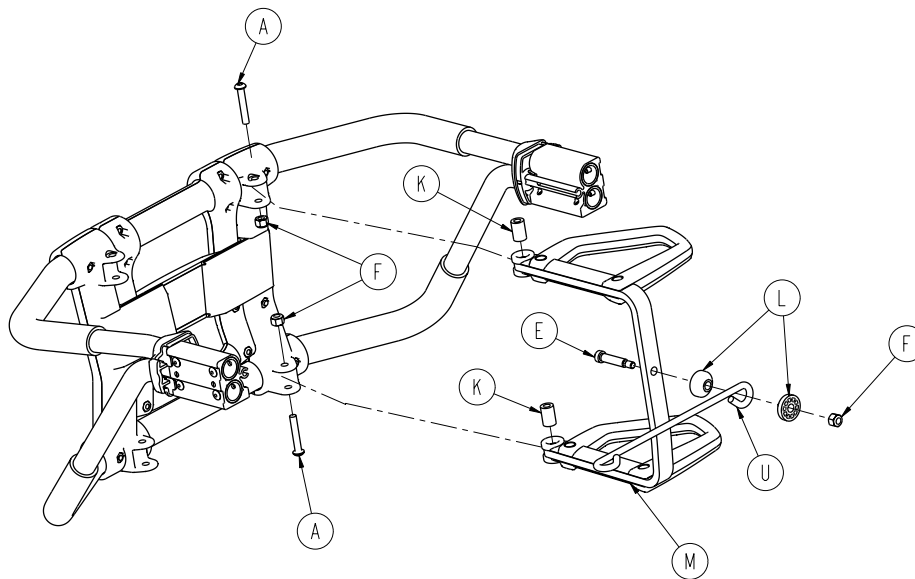
# Foot End Assembly, Left

For Reference Only: 6085-001-015



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# Foot End Assembly, Left

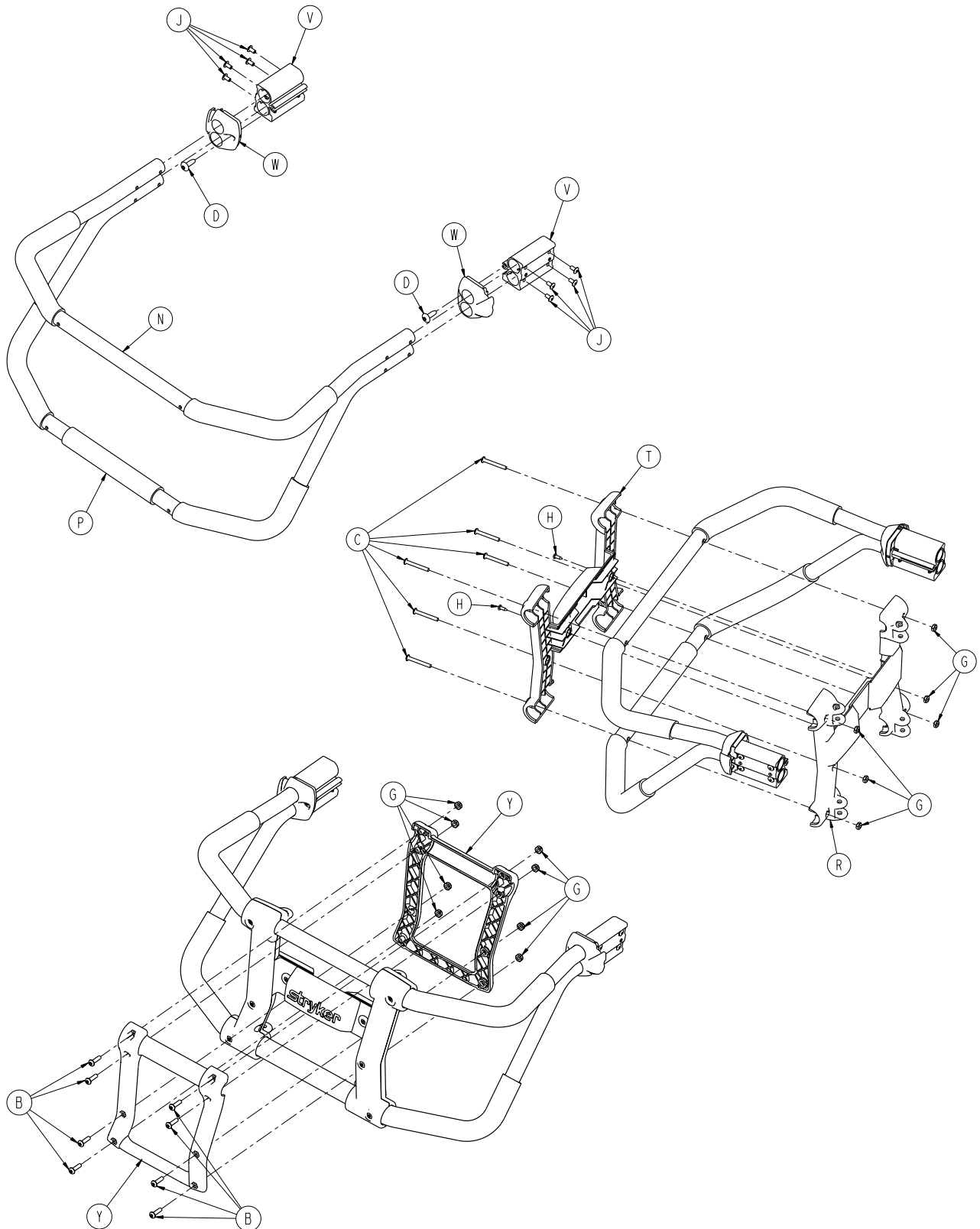


## Foot End Assembly, Left - 6085-001-015 (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-376-000	Button Head Cap Screw	2
B	0004-614-000	Button Head Cap Screw	8
C	0004-615-000	Button Head Cap Screw	6
D	0007-086-000	Truss Head Screw	2
E	0008-033-000	Socket Head Shoulder Screw	1
F	0016-028-000	Fiberlock Hex Nut	3
G	0016-131-000	Nylock Hex Nut	14
H	0023-167-000	Delta Screw	2
J	0025-079-000	Dome Head Rivet	8
K	6080-040-044	Link Release Spacer	2
L	6082-040-025	End Link Bushing	2
M	6082-040-061	Release Handle Assembly	1
N	6085-001-106	Upper Lift Bar	1
P	6085-001-107	Lower Lift Bar	1
R	6085-001-108	Rear Plate Lift Support Tube	1
T	6085-001-109	Face Plate Lift Support Tube	1
U	6085-001-111	Pull Handle Link	1
V	6500-001-133	Machined Extruded Bracket	2
W	6500-001-144	Transition Cap	2
Y	6500-001-154	Outside Pull Handle	2

# Optional Foot End Assembly, Right

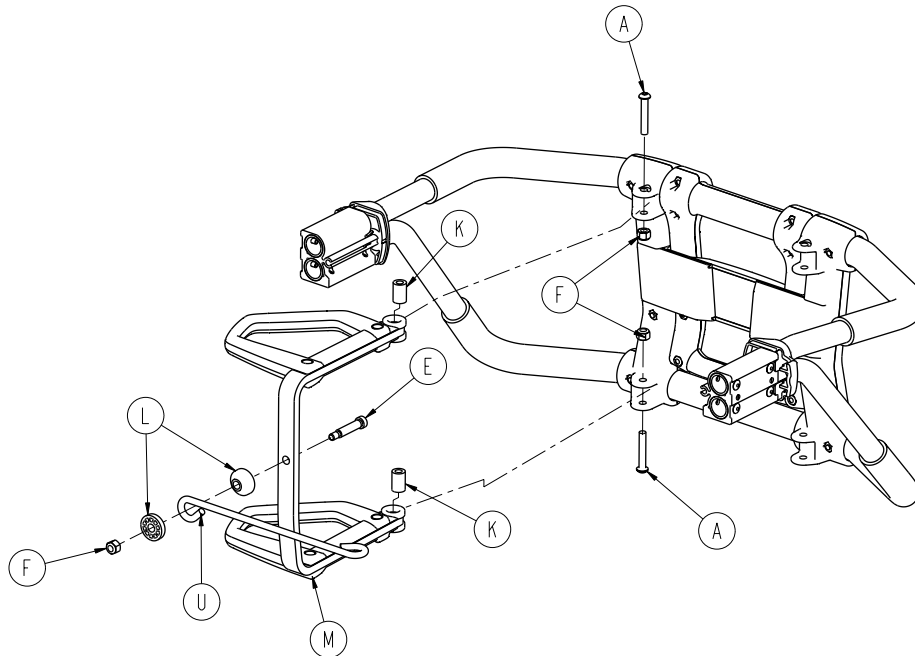
For Reference Only: 6085-001-016



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## Optional Foot End Assembly, Right

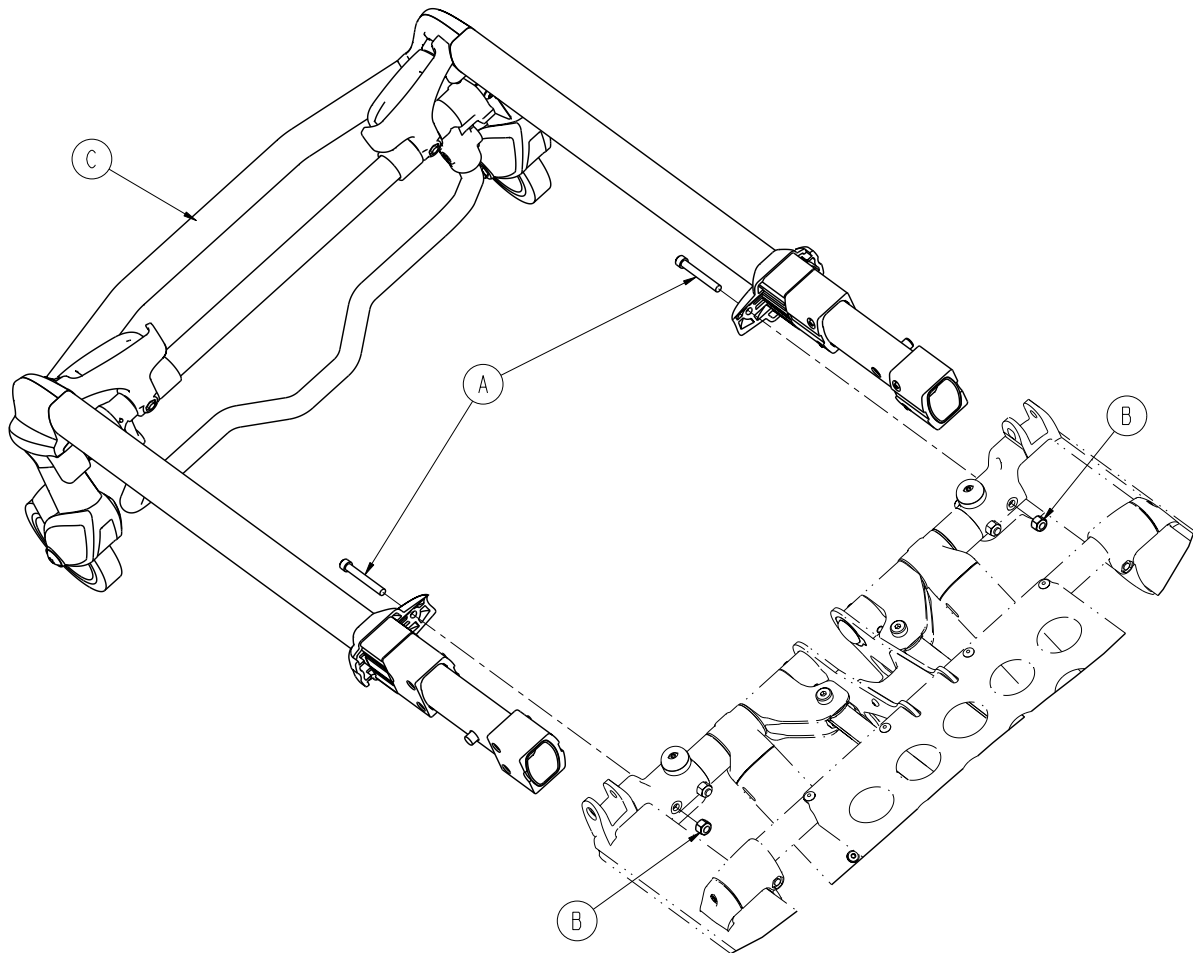


### Optional Foot End Assembly, Right - 6085-001-016 (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-376-000	Button Head Cap Screw	2
B	0004-614-000	Button Head Cap Screw	8
C	0004-615-000	Button Head Cap Screw	6
D	0007-086-000	Truss Head Screw	2
E	0008-033-000	Socket Head Shoulder Screw	1
F	0016-028-000	Fiberlock Hex Nut	3
G	0016-131-000	Nylock Hex Nut	14
H	0023-167-000	Delta Screw	2
J	0025-079-000	Dome Head Rivet	8
K	6080-040-044	Link Release Spacer	2
L	6082-040-025	End Link Bushing	2
M	6082-040-062	Release Handle Assembly	1
N	6085-001-106	Upper Lift Bar	1
P	6085-001-107	Lower Lift Bar	1
R	6085-001-108	Rear Plate Lift Tube Support	1
T	6085-001-109	Face Plate Lift Tube Support	1
U	6085-001-111	Pull Handle Link	1
V	6500-001-133	Machined Extruded Bracket	2
W	6500-001-144	Transition Cap	2
Y	6500-001-154	Outside Pull Handle	2

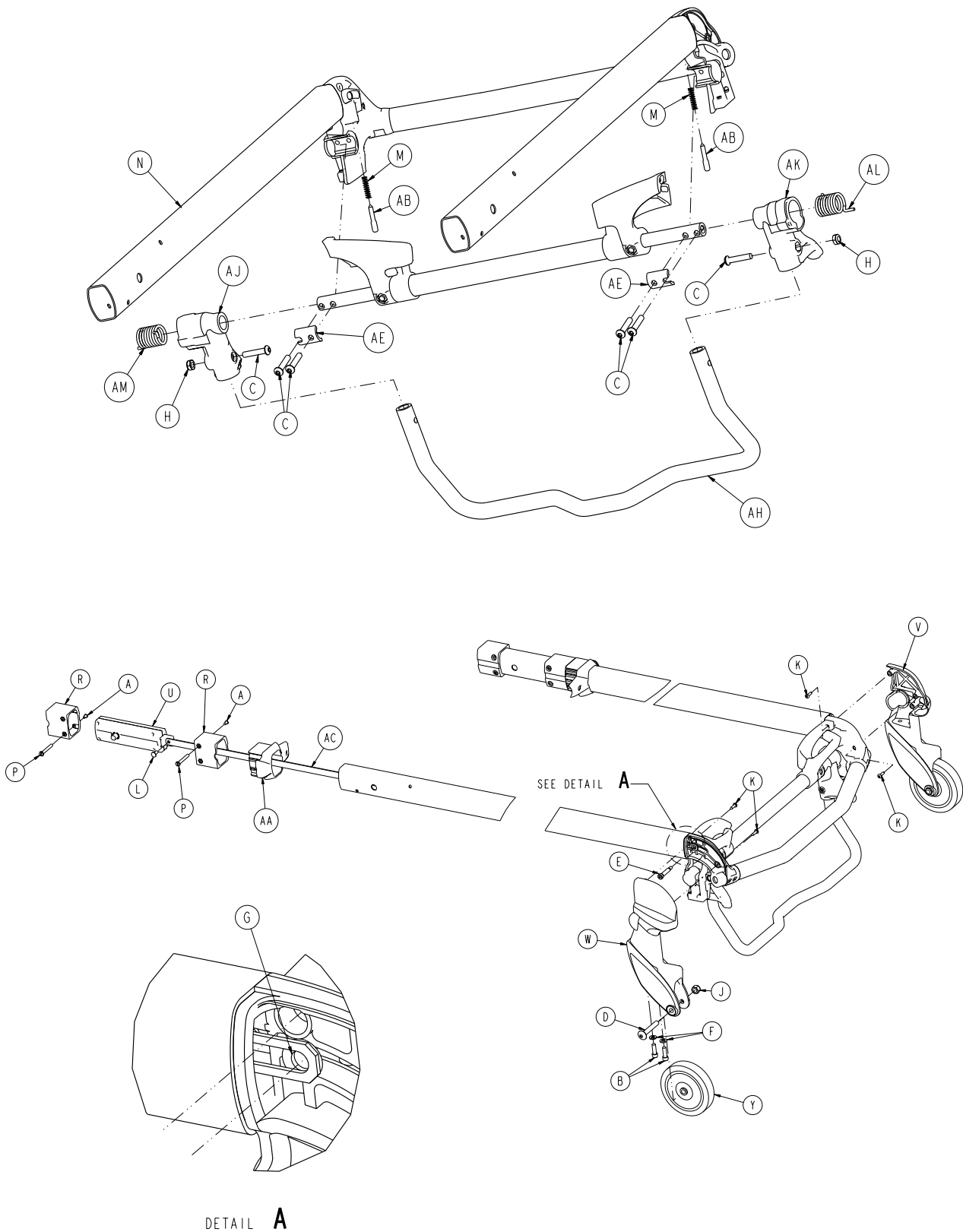
# Retractable Head Section

For Reference Only: 6085-027-000

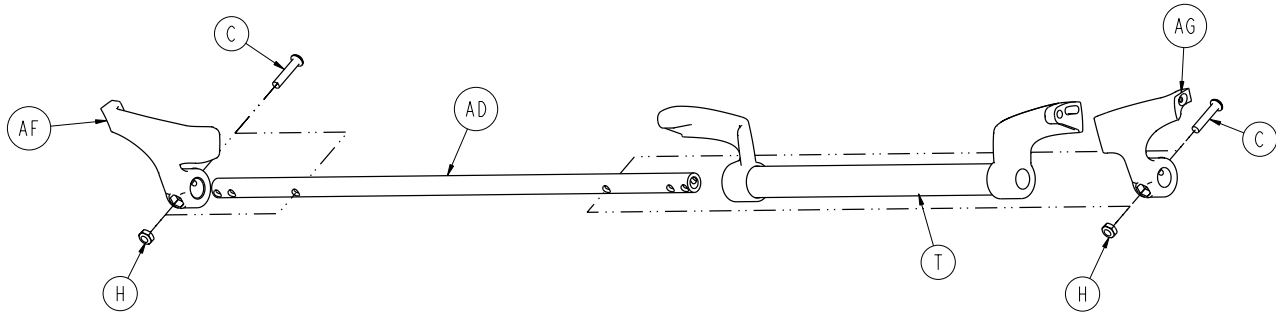


Item	Part No.	Part Name	Qty.
A	0004-595-000	Socket Head Cap Screw	2
B	0016-028-000	Fiberlock Hex Nut	2
C	6085-001-037	Head Section Assembly ( <a href="#">page 92</a> )	1

# Head Section Assembly, 6085-001-037

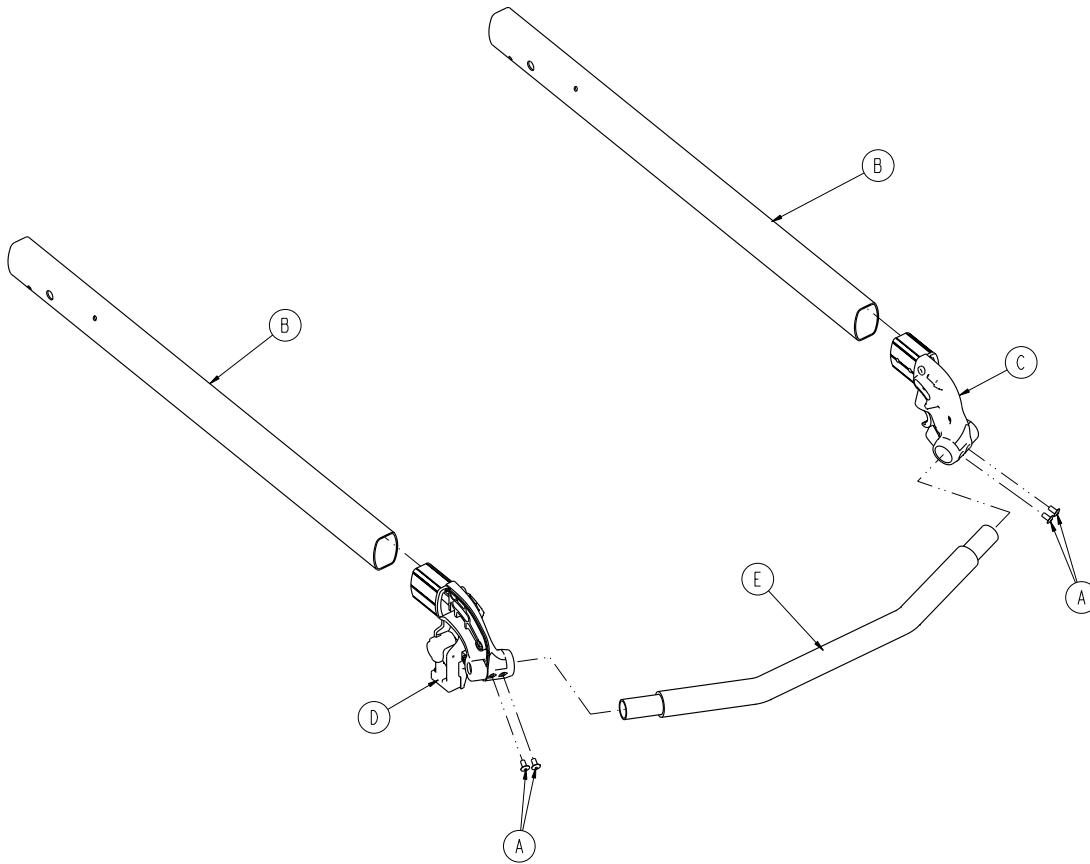


# Head Section Assembly - 6085-001-037



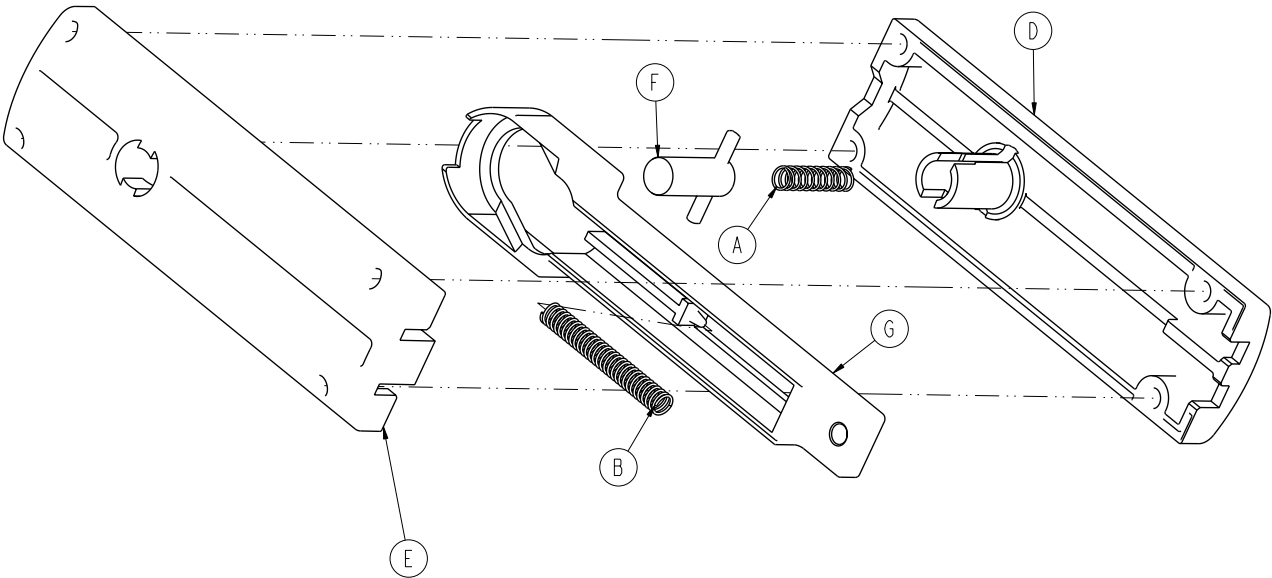
Item	Part No.	Part Name	Qty.
A	0004-168-000	Button Head Cap Screw	4
B	0004-591-000	Socket Head Cap Screw	4
C	0004-612-000	Button Head Cap Screw	8
D	0007-036-000	Truss Head Machine Screw	2
E	0008-030-000	Socket Head Shoulder Screw	2
F	0011-065-000	Washer	4
G	0014-002-000	Washer	2
H	0016-102-000	Nylock Hex Nut	4
J	0016-123-000	Nylock Hex Nut	2
K	0023-162-000	Delta Screw	4
L	0025-126-000	Rivet	2
M	0038-570-000	Compression Spring	2
N	6085-001-036	Telescoping Tube Assy ( <a href="#">page 94</a> )	1
P	6085-001-169	Head Section Nut	4
R	6085-001-170	Internal Bearing	4
T	6500-001-023	Head Trigger Assembly	1
U	6500-001-026	Head Section Lock Assy ( <a href="#">page 95</a> )	2
V	6500-001-082	Load Wheel Horn	1
W	6500-001-083	Load Wheel Casting	1
Y	6500-001-086	Front Wheel	2
AA	6500-001-087	Cap Bearing	2
AB	6500-001-093	Safety Bar Lock Pin	2
AC	6500-001-096	Head Section Release Link	2
AD	6500-001-220	Head Section Pivot Cross Tube	1
AE	6500-001-221	Cross Tube Clamp	2
AF	6500-001-280	Head Section Guard, Right	1
AG	6500-001-281	Head Section Guard, Left	1
AH	6500-001-322	Sliding Head Section Safety Bar	1
AJ	6500-001-323	Safety Hook Pivot, Right	1
AK	6500-001-324	Safety Hook Pivot, Left	1
AL	6500-001-325	Safety Bar Torsion Spring, Left	1
AM	6500-001-326	Safety Bar Torsion Spring, Right	1

# Telescoping Tube Assembly - 6085-001-036



Item	Part No.	Part Name	Qty.
A	0025-079-000	Dome Head Rivet	4
B	6085-001-144	Head Section Telescoping Tube	2
C	6500-001-080	Load Wheel Casting	1
D	6500-001-081	Load Wheel Casting	1
E	6500-001-084	Front Lifting Bar	1

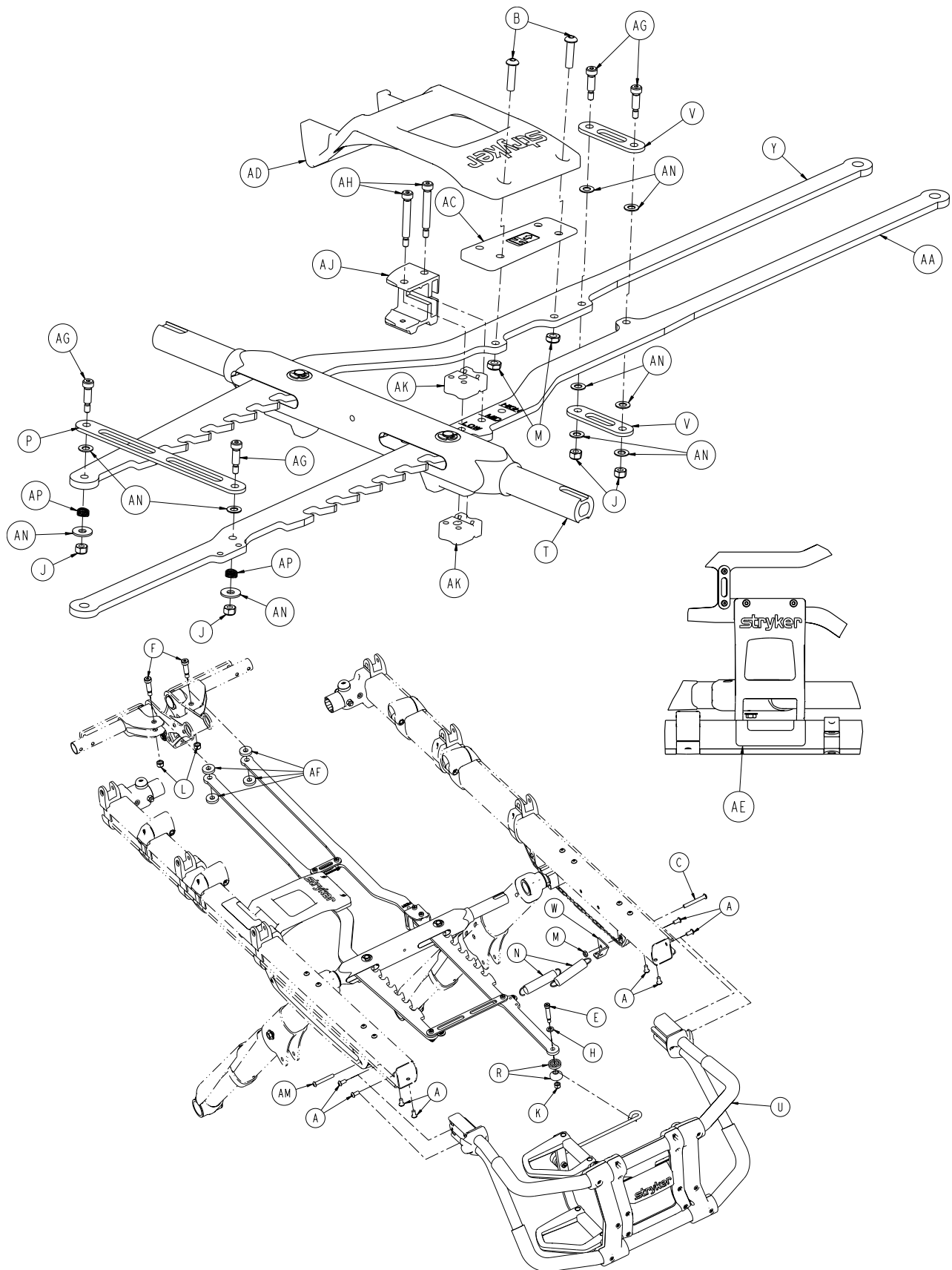
# Head Section Lock Assembly - 6500-001-026



Item	Part No.	Part Name	Qty.
A	038-570-000	Compression Spring	1
B	038-134-000	Compression Spring	1
D	6500-001-091	Top Latch Housing	1
E	6500-001-092	Bottom Latch Housing	1
F	6500-001-025	Latch Assembly	1
G	6500-001-095	Actuation Slide	1

# Left Hand Release Handle

For Reference Only: 6085-029-000



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# Left Hand Release Handle

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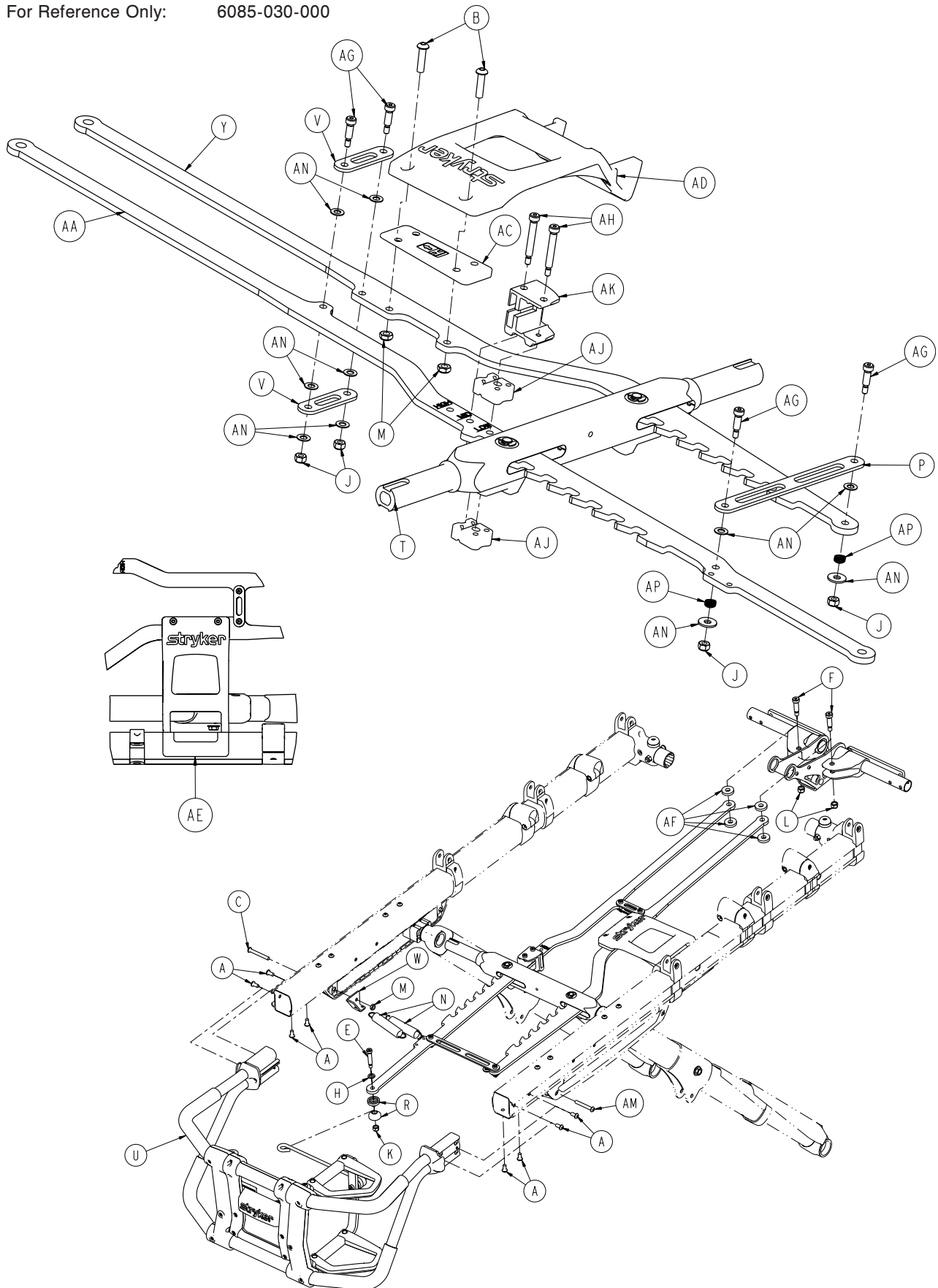
## Left Hand Release Handle - 6085-029-000 (For Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-589-000	Button Head Cap Screw	8
B	0004-594-000	Button Head Cap Screw	2
C	0004-097-000	Button Head Cap Screw	1
E	0008-033-000	Socket Head Shoulder Screw	1
F	0008-081-000	Socket Head Shoulder Screw	2
H	0011-352-000	Washer	1
J	0016-002-000	Fiberlock Hex Nut	4
K	0016-028-000	Fiberlock Hex Nut	1
L	0016-036-000	Nylock Hex Nut	2
M	0016-102-000	Nylock Hex Nut	3
N	0038-508-000	Extension Spring	2
P	6082-005-038	Cross Brace	1
R	6082-040-025	End Link Bushing	2
T	6085-001-013	Lock Bar Assembly ( <a href="#">page 84</a> )	1
U	6085-001-015	Foot End Assembly, Left ( <a href="#">page 87</a> )	1
V	6085-001-089	Cross Brace	2
W	6085-001-092	Rack Spring Bracket	1
Y	6085-001-099	Rack, Right	1
AA	6085-001-100	Rack, Left	1
AC	6085-001-141	Side Release Spacer	1
AD	6085-001-142	Side Release Handle	1
AE	6085-001-159	Side Release Label	1
AF	6085-001-175	Rack Washer	4
AG	0008-020-000	Socket Head Shoulder Screw	4
AH	0008-079-000	Socket Head Shoulder Screw	2
AJ	6085-001-098	Bumper Housing	1
AK	6085-001-101	Rack Bumper Deadstop	2
AM	0004-596-000	Button Head Cap Screw	1
AN	0014-004-000	Washer	10
AP	0038-374-000	Crest-to-Crest Spring	2



# Optional Right Hand Release Handle

For Reference Only: 6085-030-000



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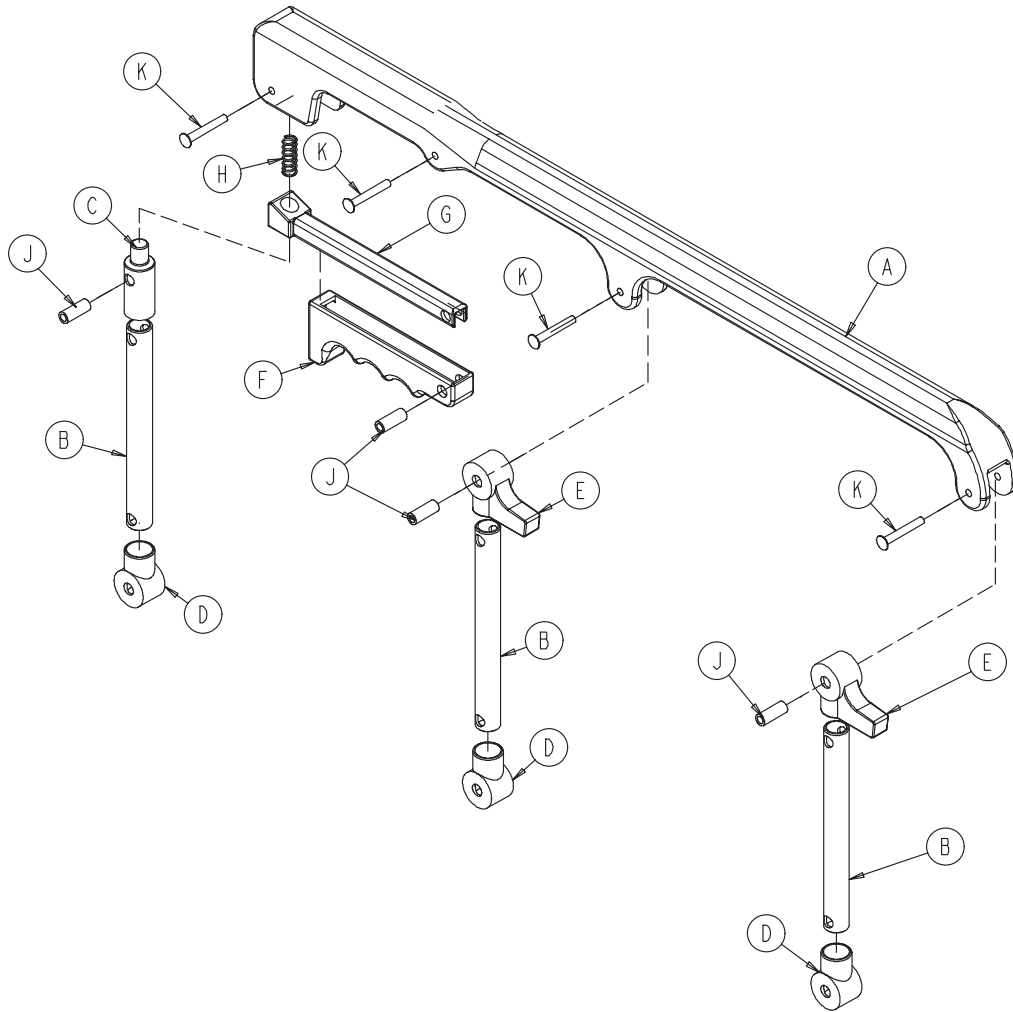
## Optional Right Hand Release Handle

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### Optional Right Hand Release Handle - 6085-030-000 (For Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-589-000	Button Head Cap Screw	8
B	0004-594-000	Button Head Cap Screw	2
C	0004-097-000	Button Head Cap Screw	1
E	0008-033-000	Socket Head Shoulder Screw	1
F	0008-081-000	Socket Head Shoulder Screw	2
H	0011-352-000	Washer	1
J	0016-002-000	Fiberlock Hex Nut	4
K	0016-028-000	Fiberlock Hex Nut	1
L	0016-036-000	Nylock Hex Nut	2
M	0016-102-000	Nylock Hex Nut	3
N	0038-508-000	Extension Spring	2
P	6082-005-038	Cross Brace	1
R	6082-040-025	End Link Bushing	2
T	6085-001-013	Lock Bar Assembly ( <a href="#">page 84</a> )	1
U	6085-001-016	Foot End Assembly, Right ( <a href="#">page 89</a> )	1
V	6085-001-089	Cross Brace	2
W	6085-001-104	Rack Spring Bracket	1
Y	6085-001-099	Rack, Right	1
AA	6085-001-100	Rack, Left	1
AC	6085-001-141	Side Release Spacer	1
AD	6085-001-142	Side Release Handle	1
AE	6085-001-159	Side Release Label	1
AF	6085-001-175	Rack Washer	4
AG	0008-020-000	Socket Head Shoulder Screw	4
AH	0008-079-000	Socket Head Shoulder Screw	2
AJ	6085-001-098	Bumper Housing	1
AK	6085-001-101	Rack Bumper Deadstop	2
AM	0004-596-000	Button Head Cap Screw	1
AN	0014-004-000	Washer	10
AP	0038-374-000	Crest-to-Crest Spring	2

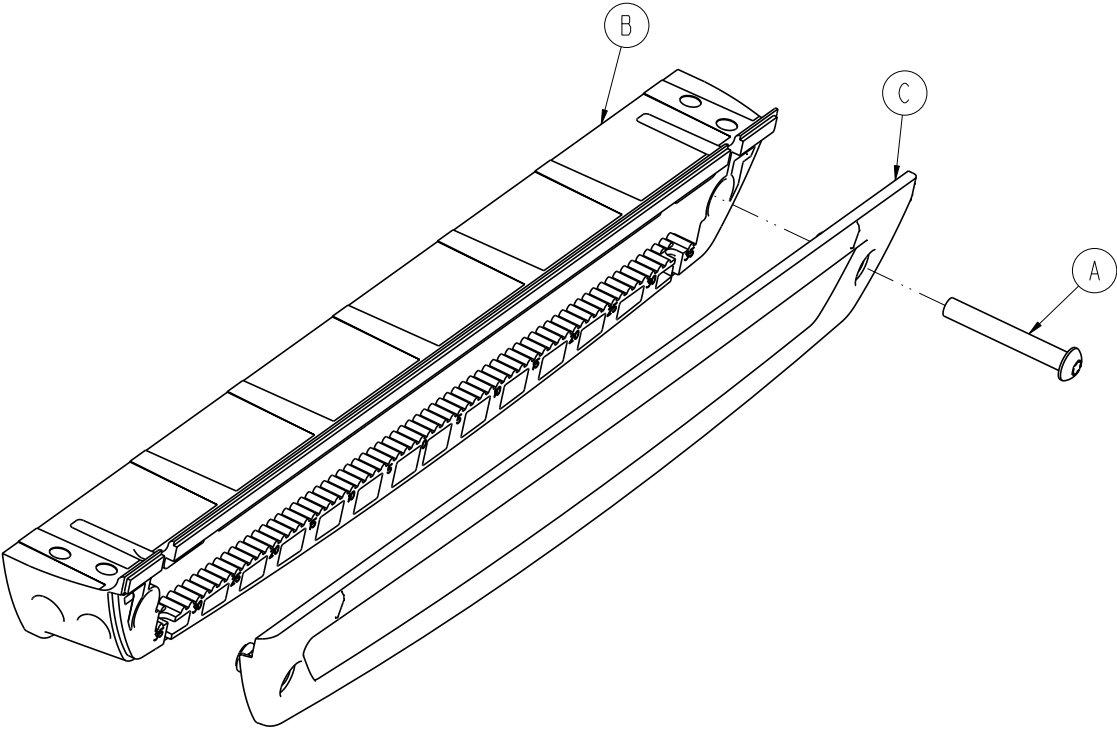
# Siderail Assembly - 6082-026-010



Item	Part No.	Part Name	Qty.
A	6060-025-024	Top Rail	1
B	6060-025-043	Spindle	3
C	6060-025-047	Spindle Lock	1
D	6060-025-041	Spindle Pivot	3
E	6060-025-040	Spindle Pivot Stop	2
F	6060-025-029	Lock Release Grip	1
G	6061-125-030	Lock Bar	1
H	0038-344-000	Compression Spring	1
J	6060-025-035	Pivot Bushing	4
K	0025-131-000	Rivet	4

# Slide Housing Assembly, Left

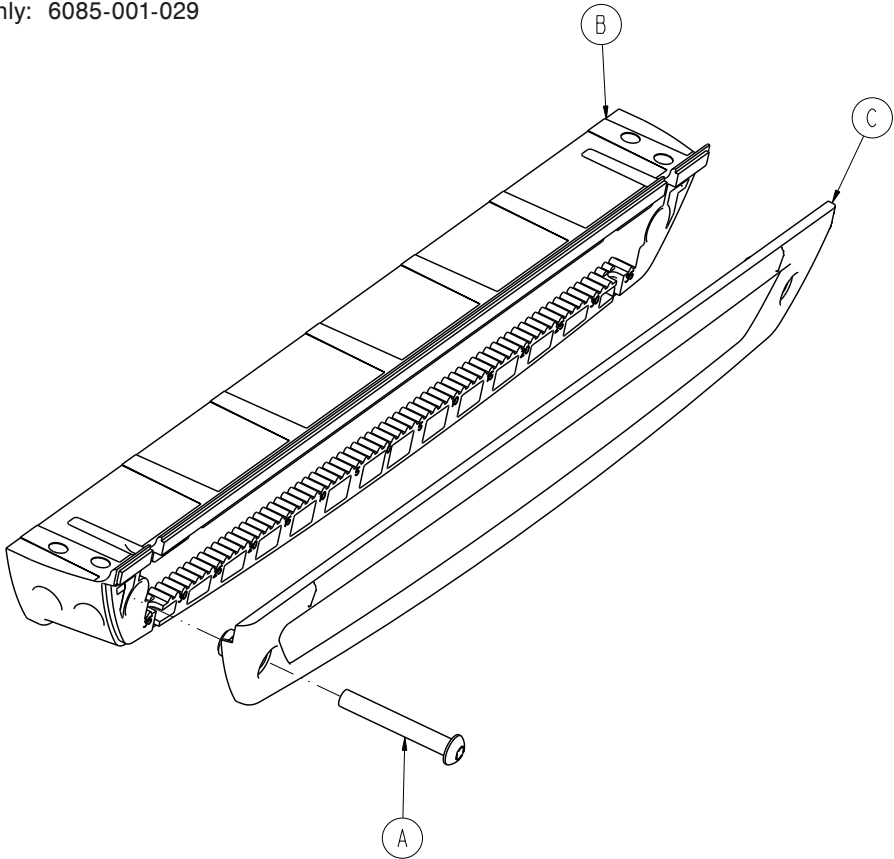
For Reference Only: 6085-001-028



Item	Part No.	Part Name	Qty.
A	0004-596-000	Button Head Cap Screw	1
B	6500-001-124	Sensor Housing	1
C	6500-001-199	Sensor Housing Cover	1

# Slide Housing Assembly, Right

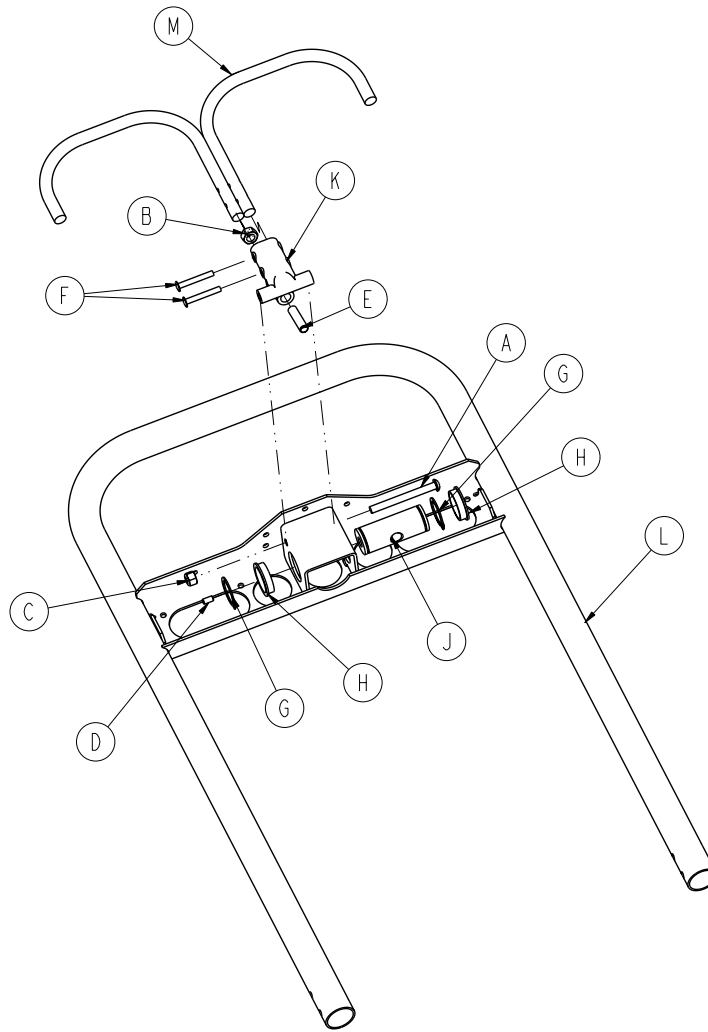
For Reference Only: 6085-001-029



Item	Part No.	Part Name	Qty.
A	0004-596-000	Button Head Cap Screw	1
B	6500-001-124	Sensor Housing	1
C	6500-001-199	Sensor Housing Cover	1

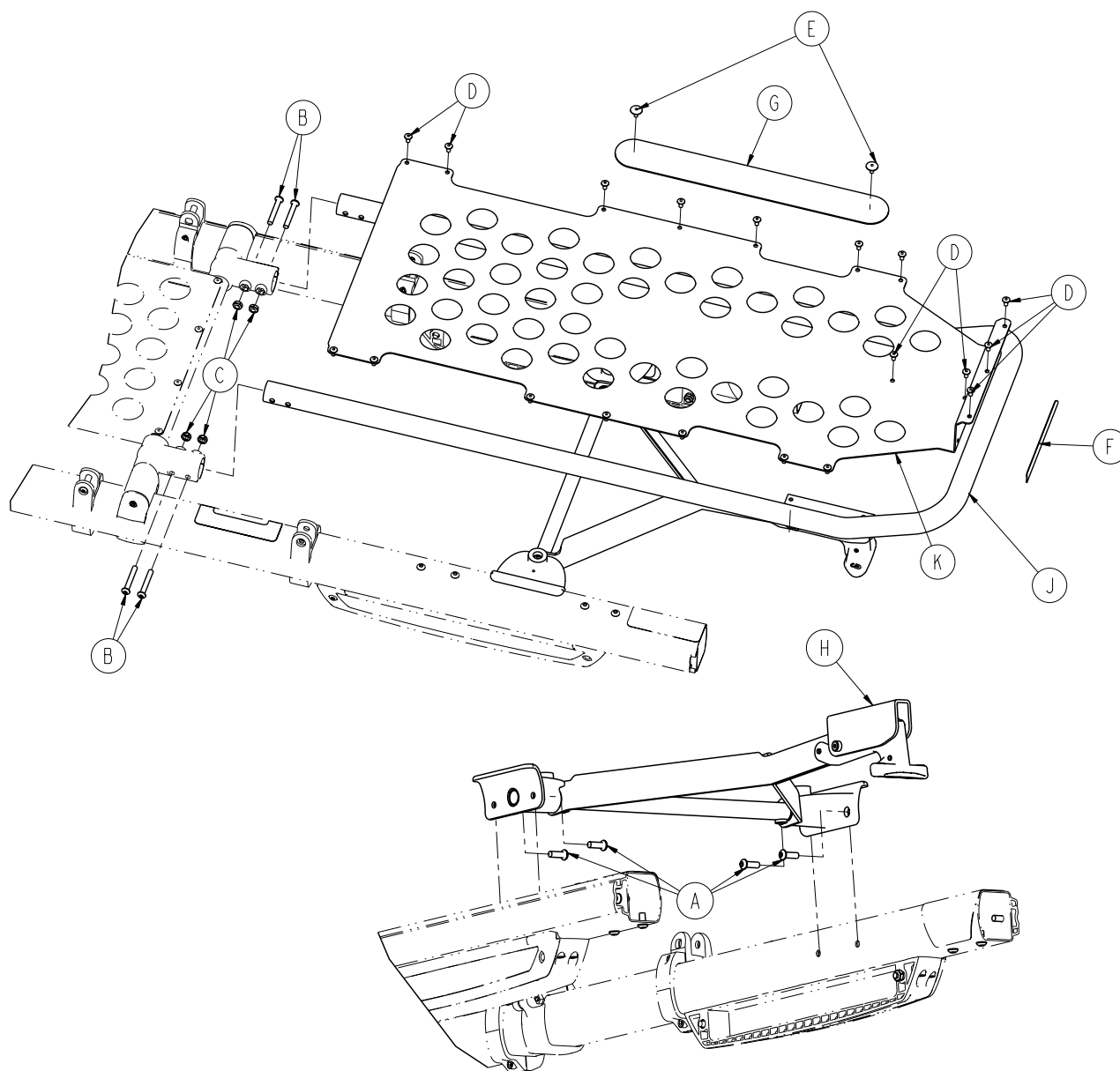
# Fowler Assembly

For Reference Only: 6500-001-018



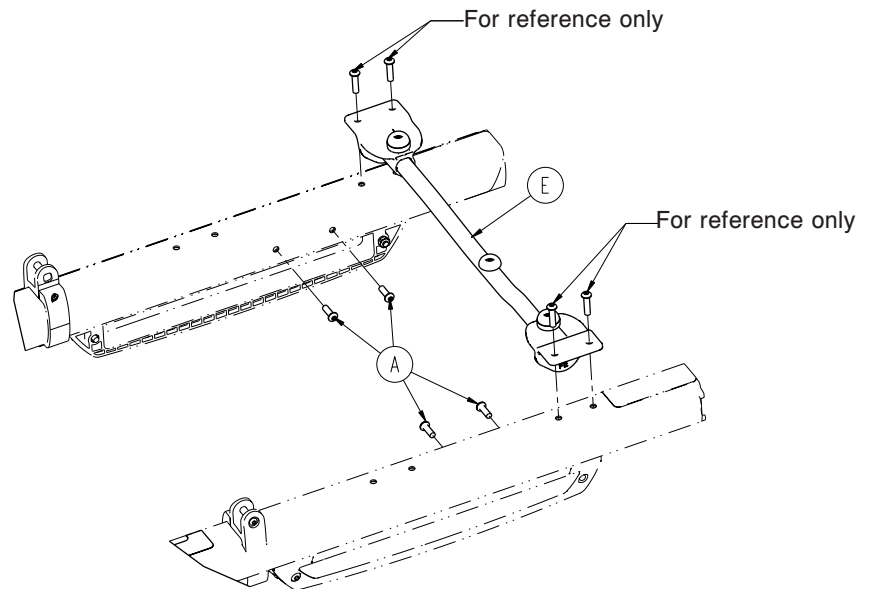
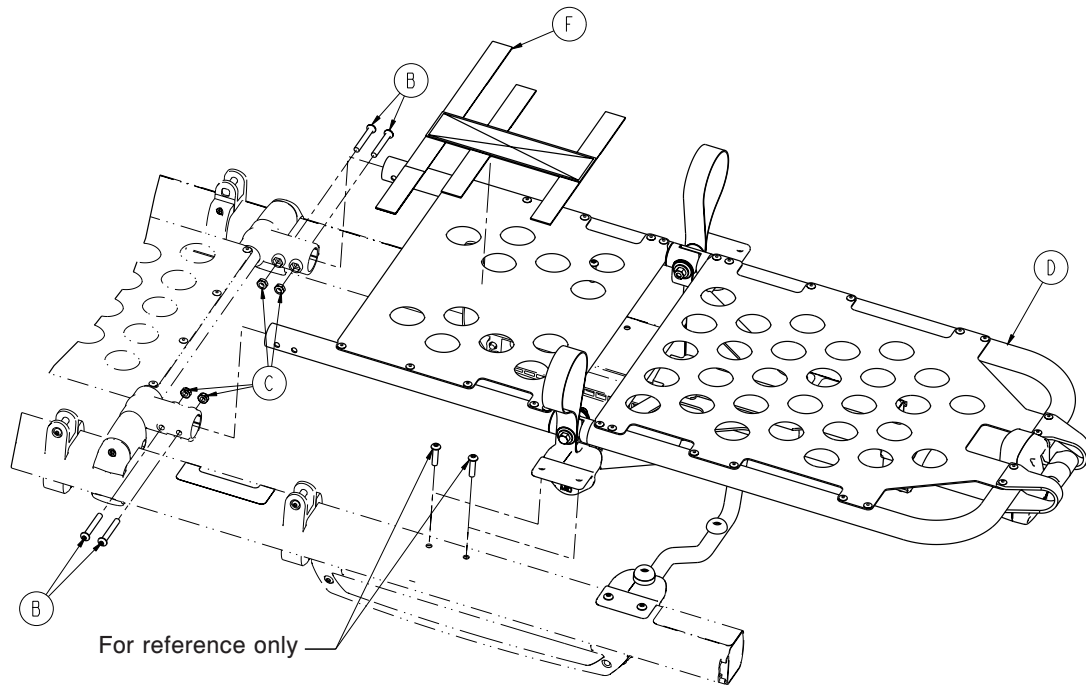
Item	Part No.	Part Name	Qty.
A	0004-597-000	Button Head Cap Screw	1
B	0015-050-000	Hex Nut	1
C	0016-028-000	Hex Nut	1
D	0021-119-000	Set Screw	1
E	0021-138-000	Set Screw	1
F	0025-131-000	Rivet	2
G	0028-076-000	External Retaining Ring	2
H	0946-035-025	Liner	2
J	6060-032-038	Gas Spring Yoke	1
K	6060-032-040	Fowler Lift Pivot	1
L	6082-032-050	Fowler Weldment	1
M	6082-032-052	Release Handle Weldment	1

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Item	Part No.	Part Name	Qty.
A	0004-592-000	Button Head Cap Screw	4
B	0004-596-000	Button Head Cap Screw	4
C	0016-102-000	Nylock Hex Nut	4
D	0025-079-000	Dome Head Rivet	19
E	0025-132-000	Dome Head Rivet	2
F	6060-090-004	Small Label	1
G	6082-001-085	2" Adhesive Loop Pole	1
H	6500-001-019	Trend Assembly	1
J	6500-001-197	Foot Section Tube	1
K	6500-001-198	Foot Section Skin	1

## Optional Gatch - 6085-032-000

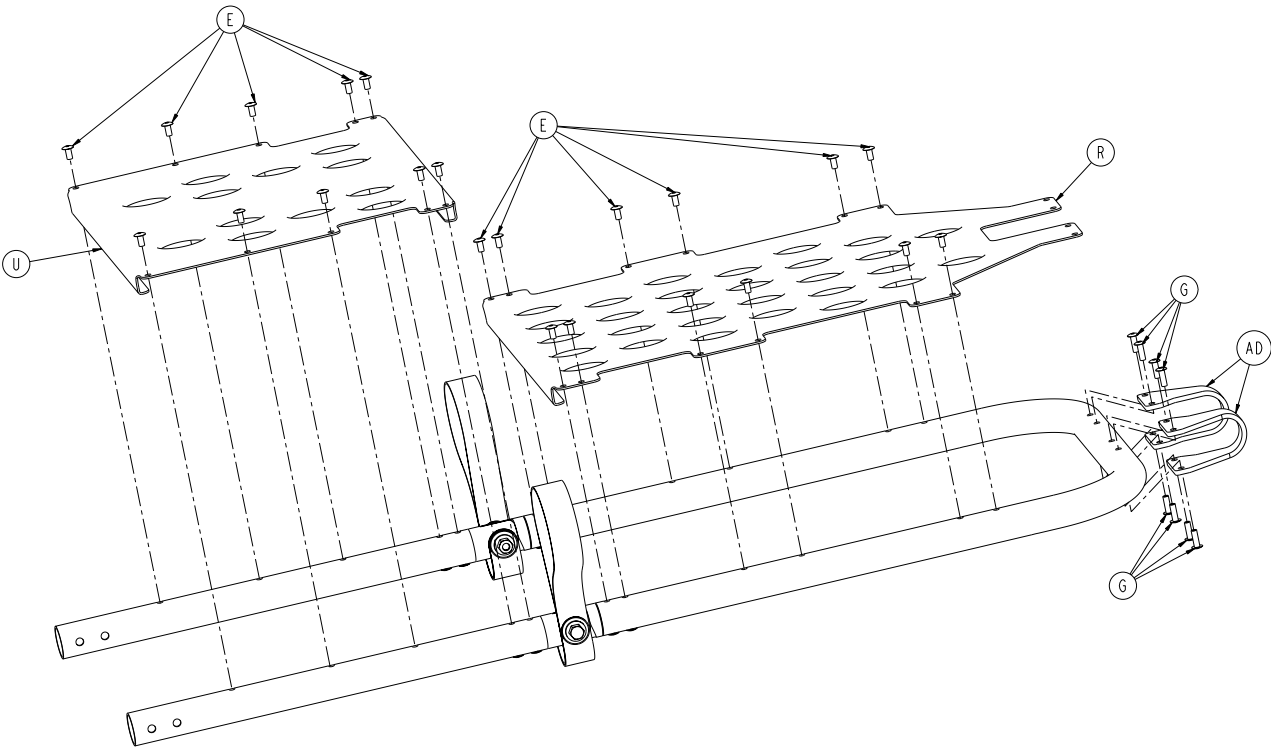
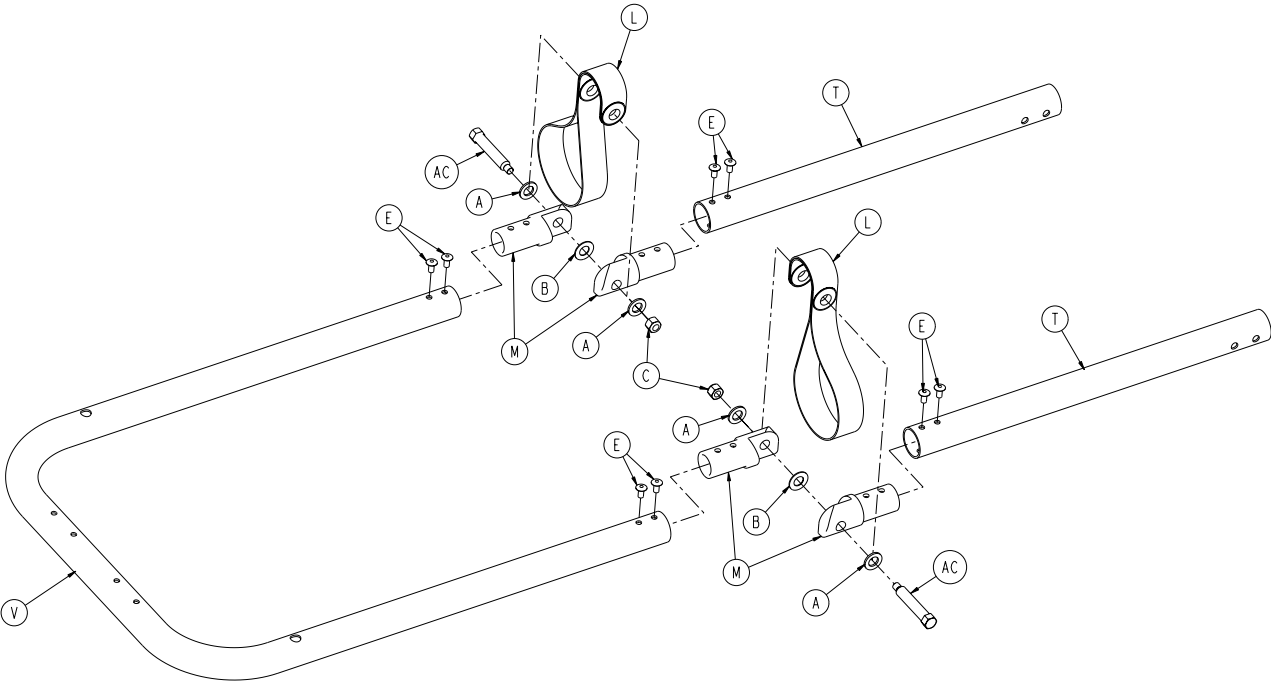


Item	Part No.	Part Name	Qty.
A	0004-592-000	Button Head Cap Screw	4
B	0004-596-000	Button Head Cap Screw	4
C	0016-102-000	Nylock Hex Nut	4
D	6085-001-030	Gatch Assembly ( <a href="#">page 106</a> )	1
E	6085-001-031	Gatch Support Assembly ( <a href="#">page 109</a> )	1
F	6550-001-197	Velcro Strap	1

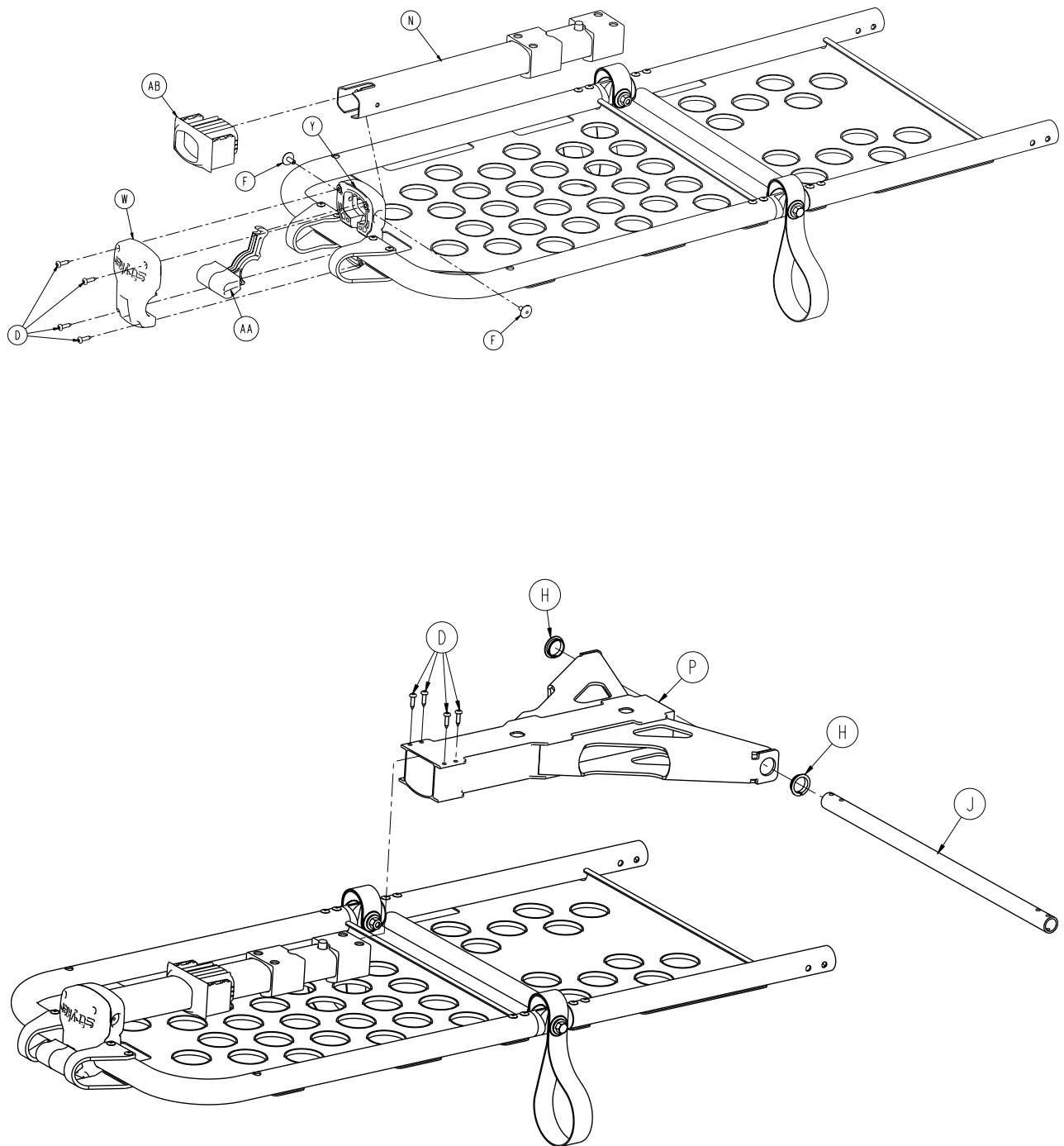


# Optional Gatch Assembly

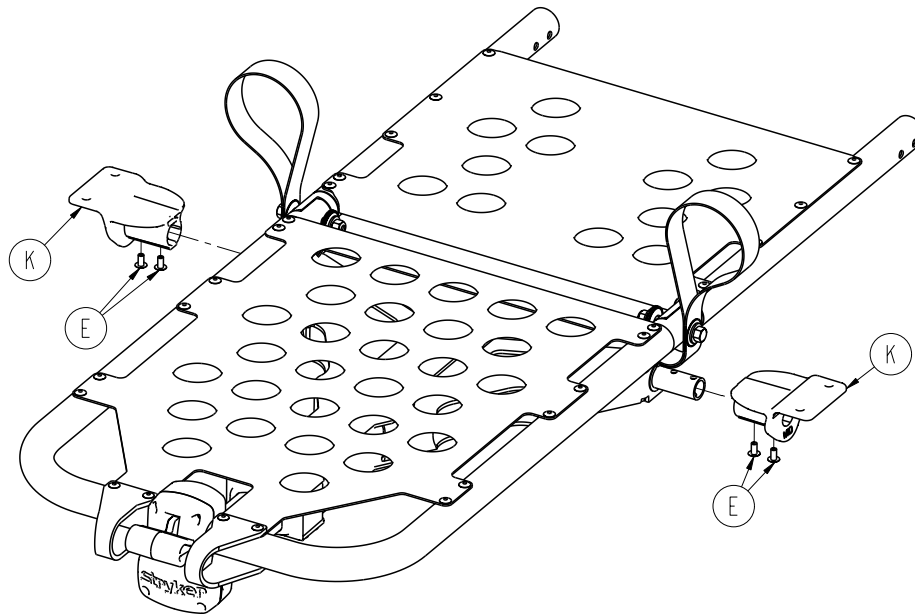
For Reference Only: 6085-001-030



# Optional Gatch Assembly



# Optional Gatch Assembly

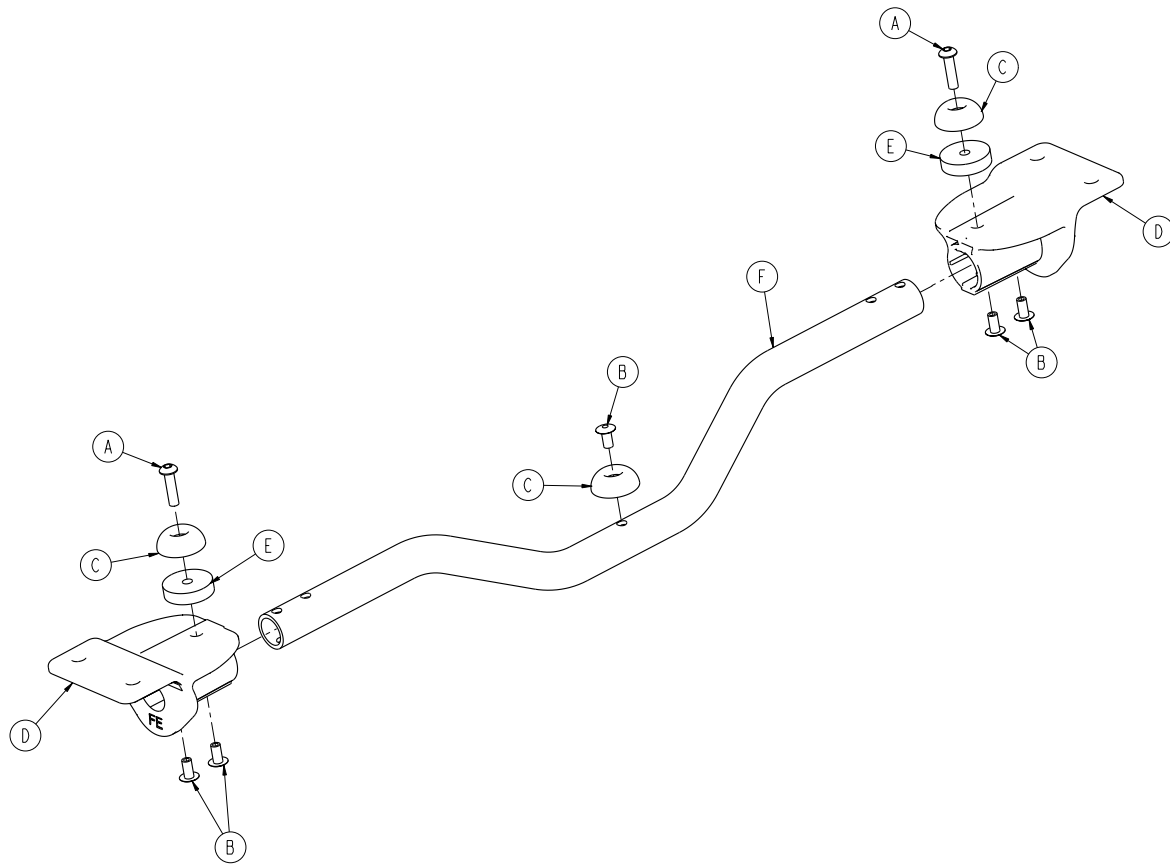


## Optional Gatch Assembly - 6085-001-030 (Reference Only)

Item	Part No.	Part Name	Qty.
A	0011-448-000	Washer	4
B	0014-020-000	Washer	2
C	0016-028-000	Fiberlock Hex Nut	2
D	0023-162-000	Delta Screw	8
E	0025-079-000	Dome Head Rivet	34
F	0025-132-000	Dome Head Rivet	2
G	0025-133-000	Dome Head Rivet	8
H	0081-255-000	Split Bearing	2
J	6085-001-123	Gatch Crosstube	1
K	6085-001-125	Gatch Support, Mid	2
L	6100-031-096	Trend Lift Strap	2
M	6100-031-108	Gatch Pivot	4
N	6500-001-017	Gatch Telescoping Assembly	1
P	6500-001-057	Gatch Lock Tube Weldment	1
R	6500-001-110	Foot Section Skin	1
T	6500-001-111	Thigh Section Tube	2
U	6500-001-112	Thigh Section Skin	1
V	6500-001-116	Foot Section U-Tube	1
W	6500-001-124	Front Gatch Release	1
Y	6500-001-125	Back Gatch Release	1
AA	6500-001-126	Gatch Release Lever	1
AB	6500-001-131	Gatch Bearing End Cap	1
AC	6500-001-186	Gatch Pivot Pin	2
AD	6500-001-193	Gatch Handle Guard	2

# Optional Gatch Support Assembly

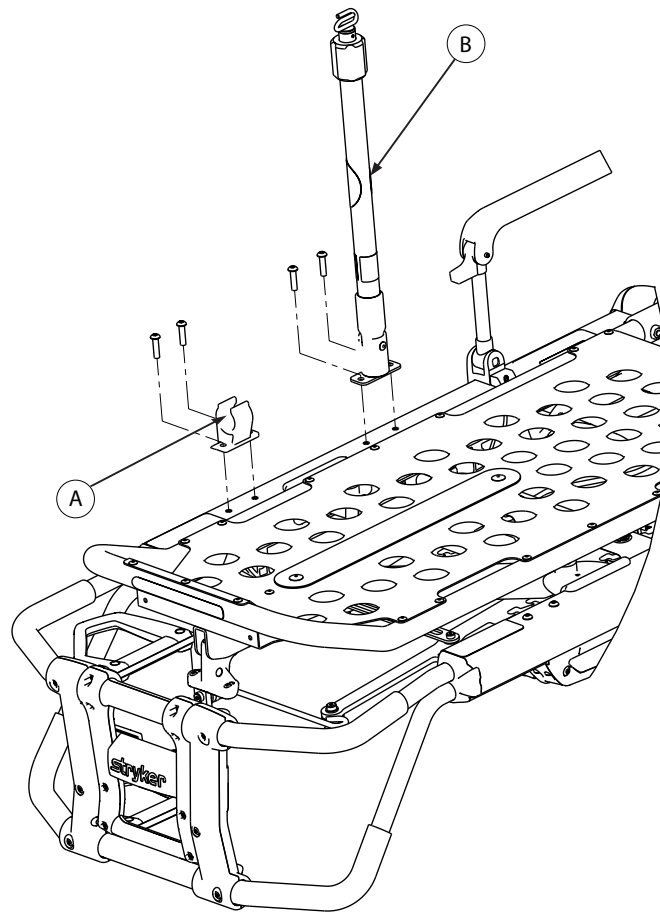
For Reference Only: 6085-001-031



Item	Part No.	Part Name	Qty.
A	0004-614-000	Button Head Cap Screw	2
B	0025-079-000	Dome Head Rivet	5
C	0946-001-155	Bumper	3
D	6500-001-135	Gatch Support, Foot End	2
E	6500-001-185	Fowler Bumper Spacer	2
F	6500-001-346	Gatch Crosstube	1

## Optional Two-Stage I.V. Pole Assembly, Right - 6500-210-000

## Optional Three-Stage I.V. Pole Assembly, Right - 6500-215-000



### Optional Two-Stage I.V. Pole Assembly, Right - 6500-210-000 (For Reference Only)

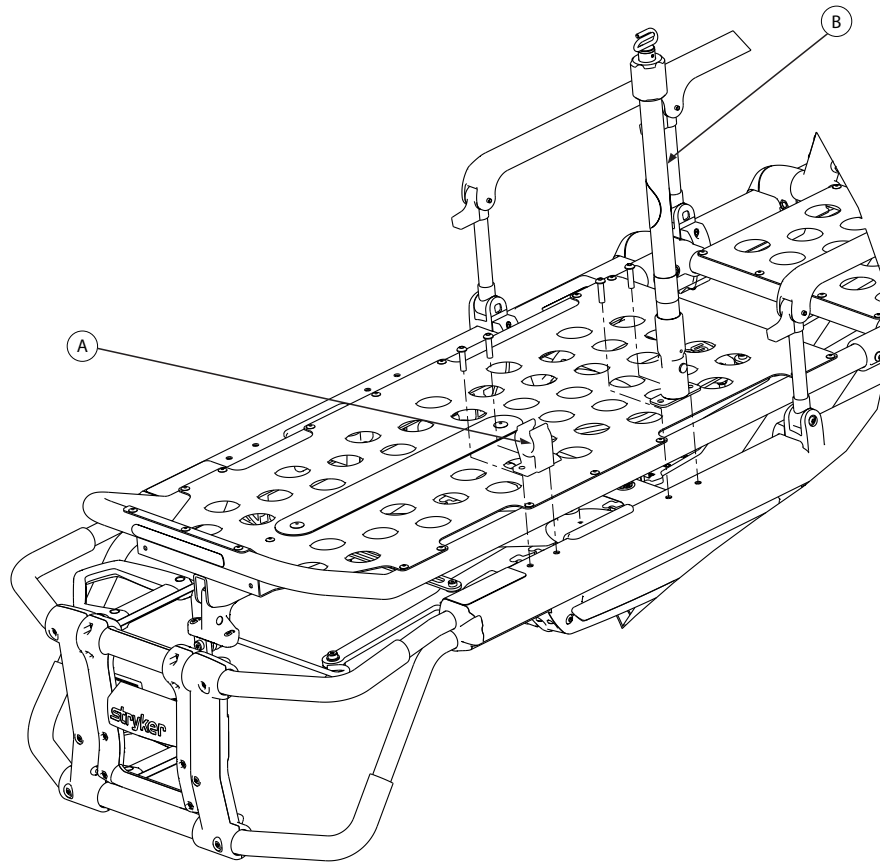
Item	Part No.	Part Name	Qty.
A	6100-115-060	I.V. Pole Clip	1
B	6500-001-041	I.V. Pole Assembly, 2-stage, Right	1

### Optional Three-Stage I.V. Pole Assembly, Right - 6500-215-000 (For Reference Only)

Item	Part No.	Part Name	Qty.
A	6100-115-060	I.V. Pole Clip	1
B	6500-001-043	I.V. Pole Assembly, 3-stage, Right	1

## Optional Two-Stage I.V. Pole Assembly, Left - 6500-211-000

## Optional Three-Stage I.V. Pole Assembly, Left - 6500-216-000



### Optional 2-Stage I.V. Pole Assembly, Left - 6500-211-000 (For Reference Only)

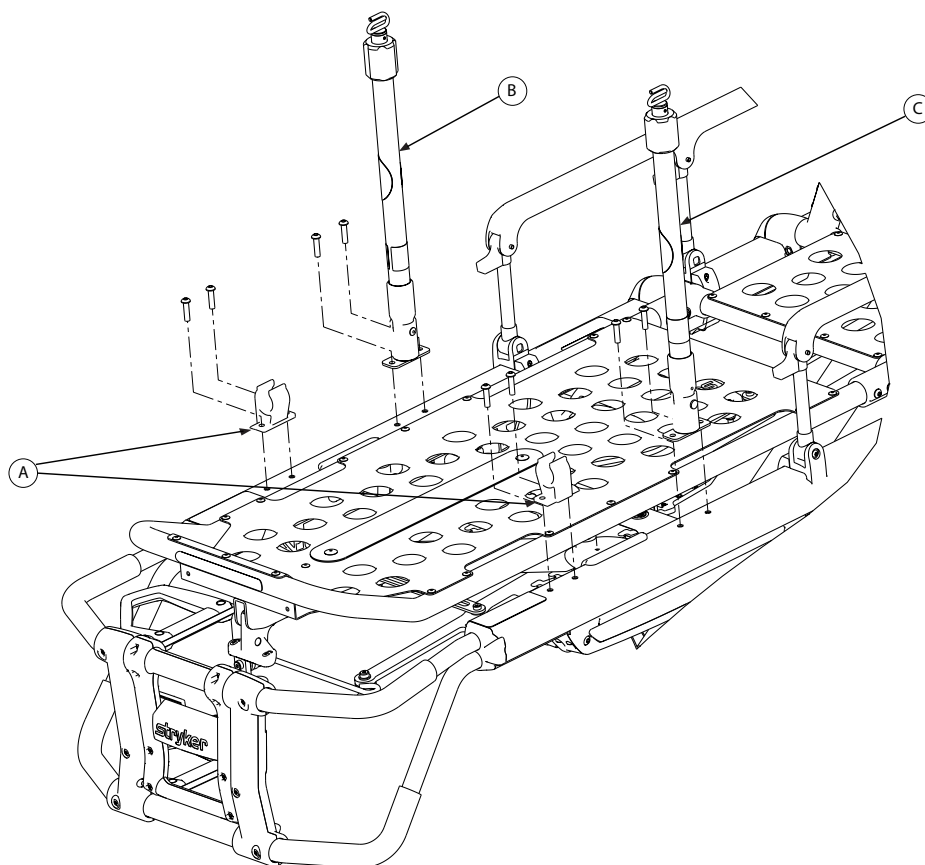
Item	Part No.	Part Name	Qty.
A	6100-115-060	I.V. Pole Clip	1
B	6500-001-042	I.V. Pole Assembly, 2-stage, Left	1

### Optional 3-Stage I.V. Pole Assembly, Left - 6500-216-000 (For Reference Only)

Item	Part No.	Part Name	Qty.
A	6100-115-060	I.V. Pole Clip	1
B	6500-001-044	I.V. Pole Assembly, 3-stage, Left	1

## Optional Two-Stage I.V. Pole Assembly, Dual - 6500-212-000

## Optional Three-Stage I.V. Pole Assembly, Dual - 6500-217-000



### Optional Two-Stage I.V. Pole Assembly, Dual - 6500-212-000 (For Reference Only)

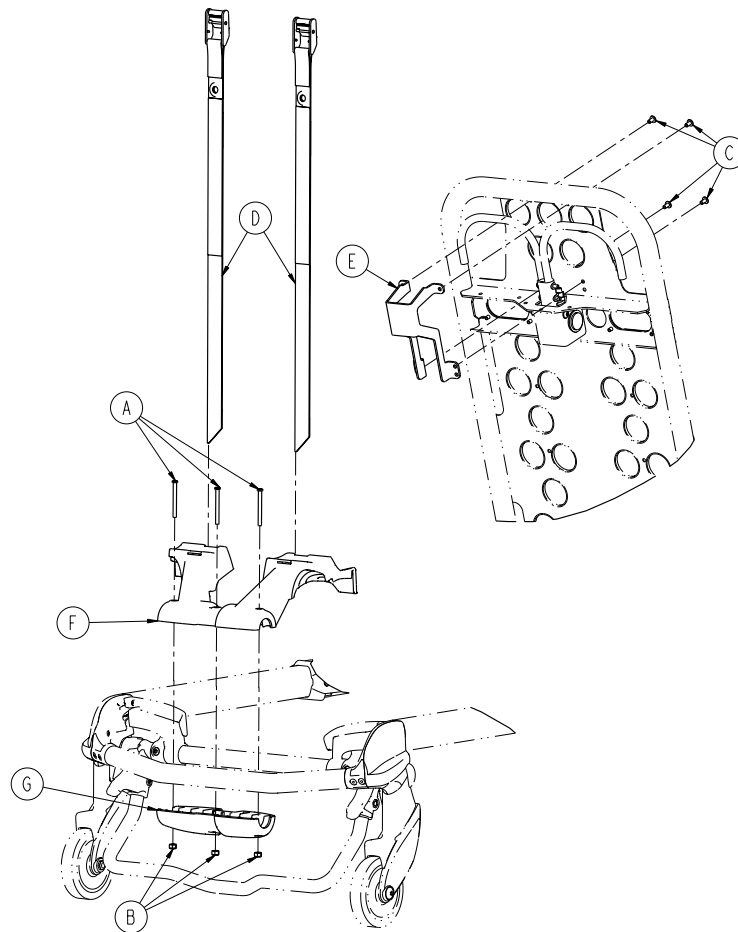
Item	Part No.	Part Name	Qty.
A	6100-115-060	I.V. Pole Clip	2
B	6500-001-041	I.V. Pole Assembly, 2-stage, Right	1
C	6500-001-042	I.V. Pole Assembly, 2-stage, Left	1

### Optional Three-Stage I.V. Pole Assembly, Dual - 6500-217-000 (For Reference Only)

Item	Part No.	Part Name	Qty.
A	6100-115-060	I.V. Pole Clip	2
B	6500-001-043	I.V. Pole Assembly, 3-stage, Right	1
C	6500-001-044	I.V. Pole Assembly, 3-stage, Left	1

# Optional Retractable Head Section

## Oxygen Bottle Holder - 6085-046-000

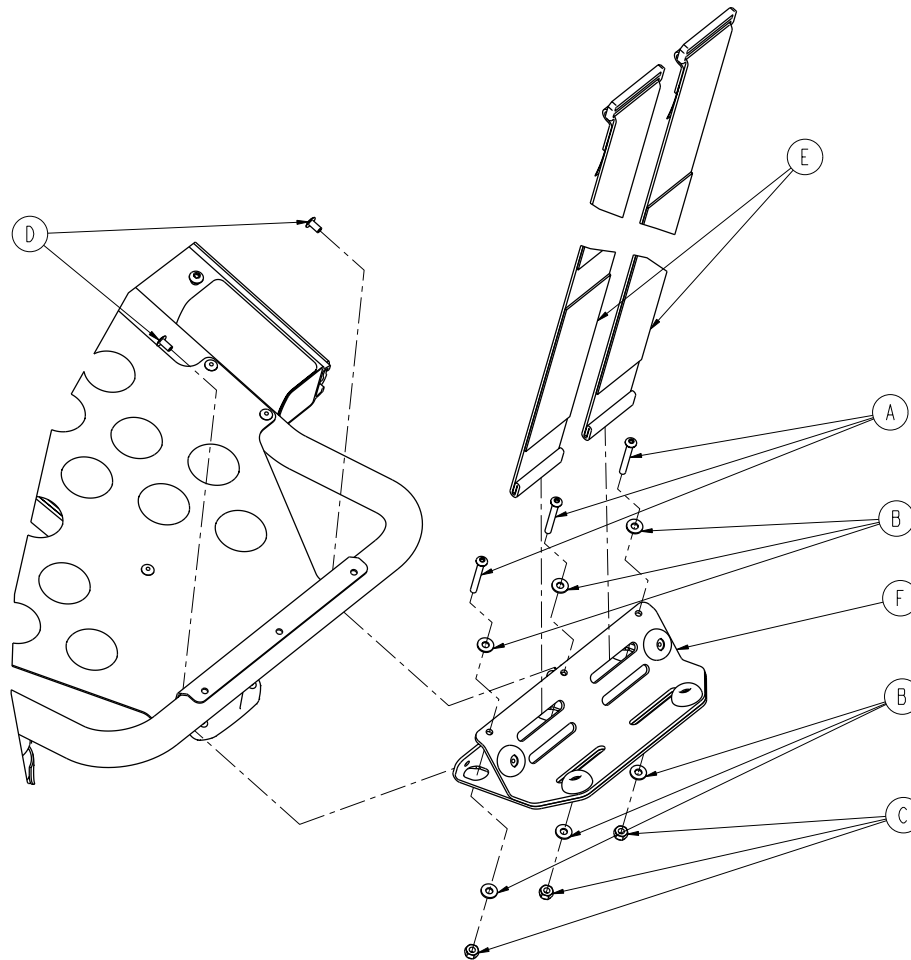


Item	Part No.	Part Name	Qty.
A	0004-656-000	Socket Head Cap Screw	3
B	0016-002-000	Fiberlock Hex Nut	3
C	0025-079-000	Dome Head Rivet	4
D	6085-001-171	Oxygen Strap, Head End	2
E	6085-001-172	Oxygen Fowler Guard	1
F	6085-001-173	Oxygen Bottle Holder, Top	1
G	6085-001-174	Oxygen Bottle Holder, Bottom	1

**Note:** Max Load = 40 pounds



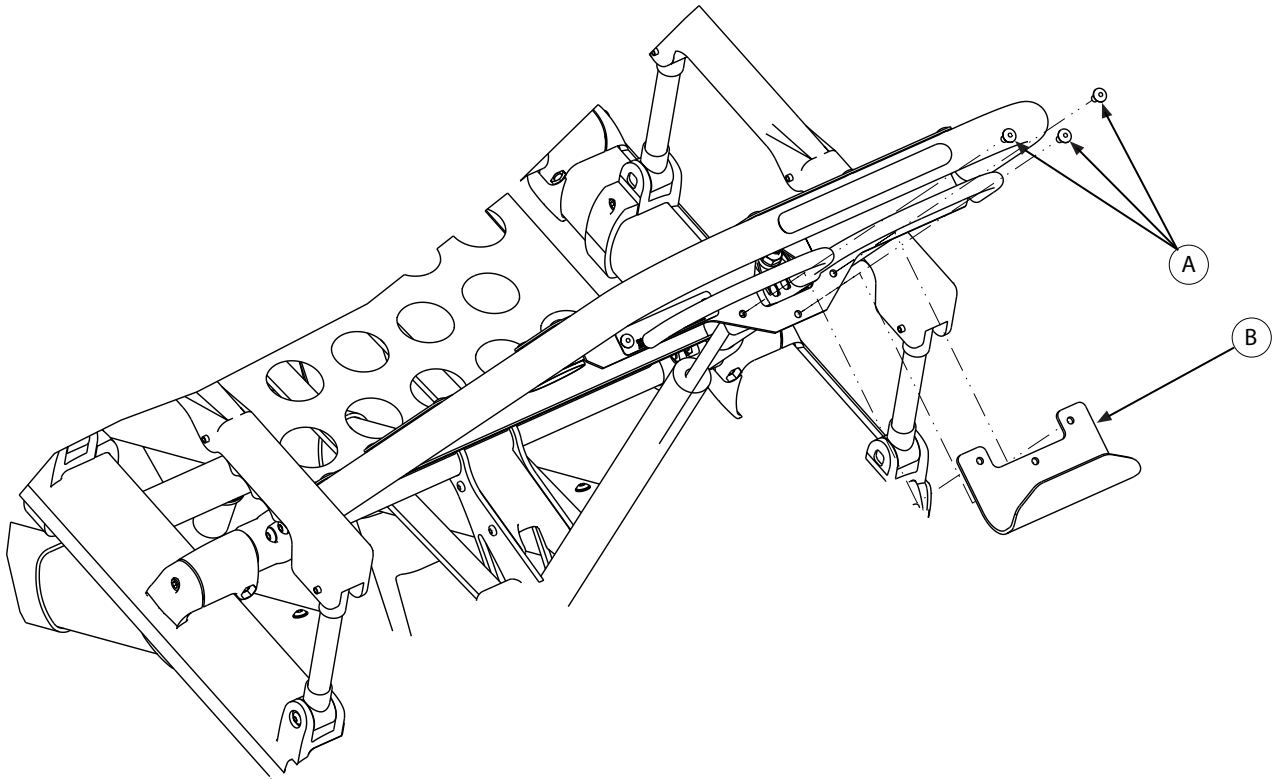
# Optional Oxygen Bottle Holder - 6500-140-000



Item	Part No.	Part Name	Qty.
A	0004-508-000	Button Head Cap Screw	3
B	0011-001-000	Washer	6
C	0016-003-000	Nylock Nut	3
D	0025-079-000	Dome Head Rivet	2
E	6060-140-013	Strap Assembly	2
F	6500-001-040	Oxygen Bottle Holder Assembly	1

## Optional Equipment Hook - 6500-147-000

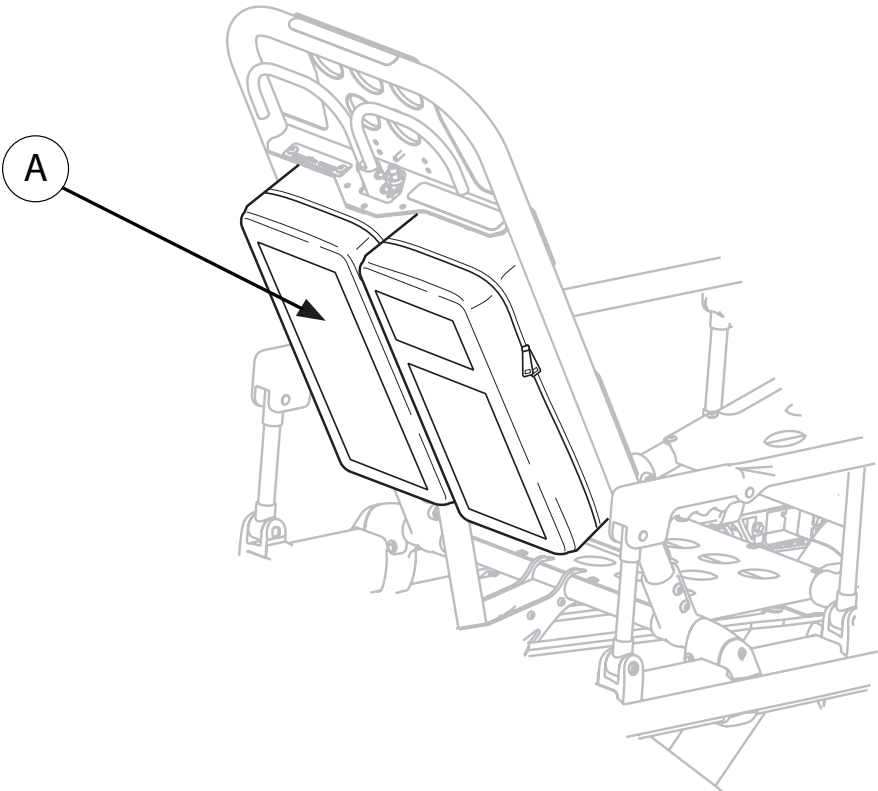
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Item	Part No.	Part Name	Qty.
A	0025-079-000	Dome Head Rivet	3
B	6500-001-237	Equipment Hook	1

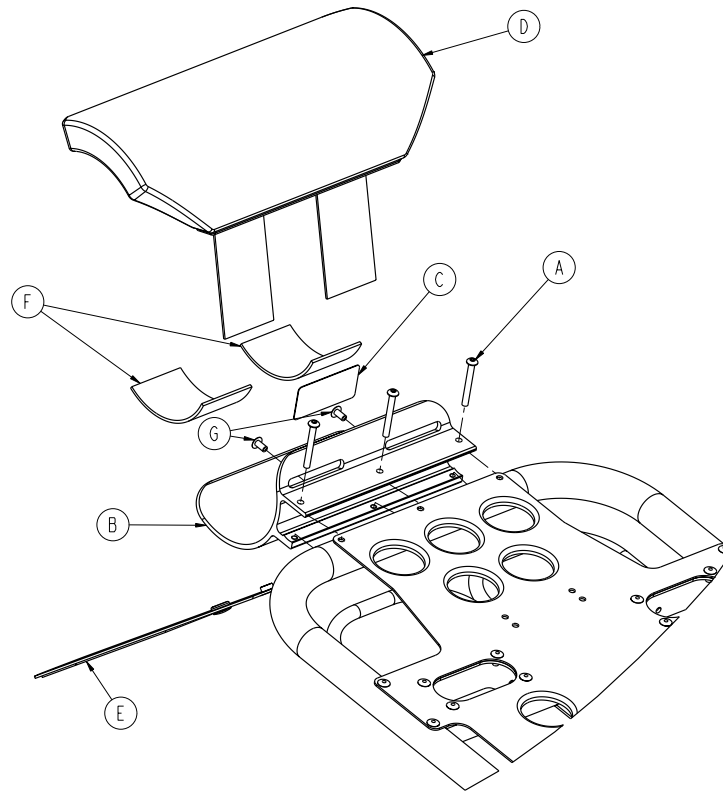
# Optional Backrest Storage Pouch - 6500-130-000

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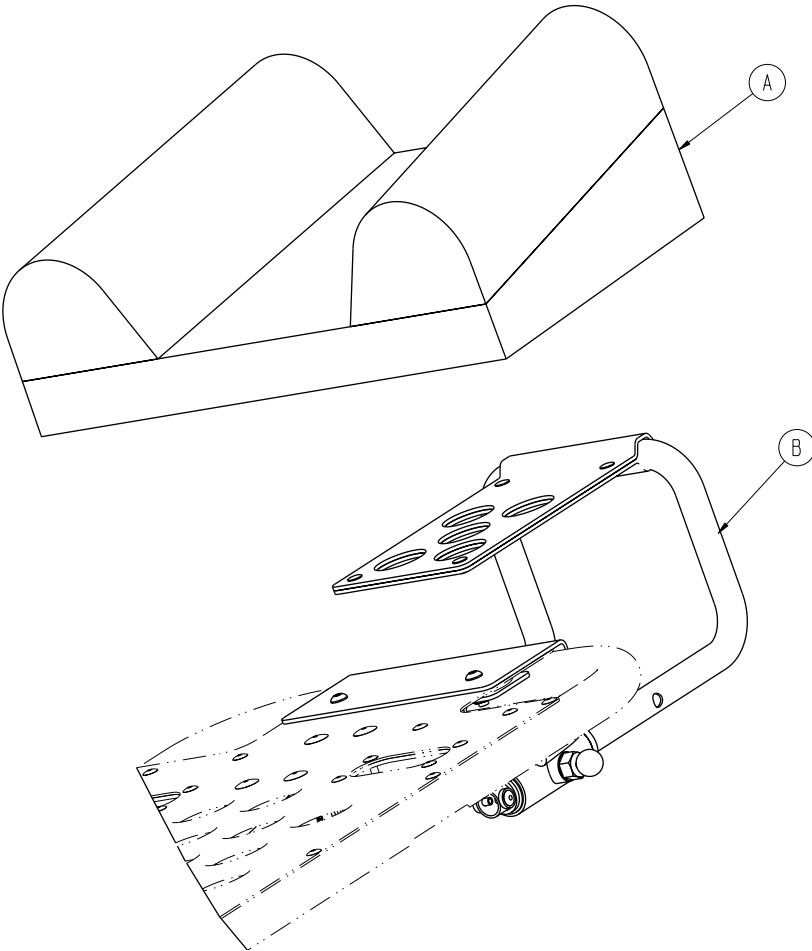
Item	Part No.	Part Name	Qty.
A	6500-001-241	Pocketed Backrest Storage Pouch	1

## Optional Fowler Oxygen Bottle - 6500-141-000



Item	Part No.	Part Name	Qty.
A	0004-636-000	Button Head Cap Screw	3
B	6500-001-119	Backrest Oxygen Holder Bracket	1
C	6500-001-231	Fowler Oxygen Bottle Holder Label	1
D	6500-001-260	Fowler Oxygen Bottle Holder Cover	1
E	6500-001-261	Fowler Oxygen Bottle Holder Strap	1
F	6500-001-262	Neoprene Pad	2
G	0025-079-000	Dome Head Pop Rivet	2

# Optional Head Extension - 6100-044-000



Item	Part No.	Part Name	Qty.
A	6100-041-030	Head Extension Pillow	1
B	6100-044-012	Head Extension Assembly	1



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