Performance-PRO™ XT

REF 6086

stryker®

Operations/Maintenance Manual

CE

Symbols

	Refer to instruction manual/booklet
	Operating instructions
	CE Mark
	Manufacturer
	Safe working load
	General warning
	Caution
	Warning; crushing of hands
	No pushing

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Warning/Caution/Note Definition

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

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.

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.

NOTE

Provides special information to make maintenance easier or important instructions clearer.

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Introduction

This manual is designed to assist you with the operation and maintenance of the Stryker **Performance-PRO™ XT** cot. 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 Stryker Model 6086 **Performance-PRO™ XT** is a manual ambulance cot that consists of a platform mounted on a wheeled X-frame designed to support and transport a maximum weight of 700 lb (318 kg) in pre-hospital and hospital environments. The device is collapsible for use in emergency vehicles and has an adjustable load height feature to allow the device to be set to different ambulance deck heights for proper body mechanics during loading and unloading. Duplicate foot-end controls on the upper and lower lift bars accommodate different operator positions or sizes and the side release handle allows a single operator to raise and lower an unoccupied cot. The device is equipped with the following: a retractable head section for 360-degree mobility in any height position, side rails, patient securement straps, an adjustable pneumatic backrest and various optional accessories that assist with transport of the patient. Maximum patient comfort is attainable with the three different litter positions of shock, flat leg and optional knee gatch positioning.

INTENDED USE OF PRODUCT

The Stryker Model 6086 **Performance-PRO™ XT** is a non-powered wheeled stretcher, which is intended to support and transport the entire body of a traumatized, ambulatory or non-ambulatory human patient (includes infants and adults). The device is designed to support patients in a supine (horizontal) or sitting position and facilitate the transportation of associated medical equipment (i.e. oxygen bottles, monitors, and/or pumps) in emergency/transport vehicles. This ambulance cot is intended to be used in pre-hospital and hospital environments, in emergency and non-emergency applications. It is rated to a maximum capacity of 700 lb (318 kg) (sum of the patient, mattress and accessory weight) and the intended operators of the device are trained professionals including: emergency medical service and medical care center personnel, as well as medical first responders. The expected service life of the product is 7 years.

Ambulance cots are intended for transportation purposes. They are not intended for extended stay or to be used as hospital beds. They are also not intended to be used in devices which modify air pressure, such as hyperbaric chambers.

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SPECIFICATIONS

Safe Working Load **Note:** Safe Working Load indicates the sum of the patient mattress and accessory weight.		700 lb	318 kg
Backrest Articulation/Shock Position		0˚ to 73˚ / +15˚	
Overall Length/Minimum Length/Width		80" / 64" / 23"	203,2 cm / 162,6 cm / 58,4 cm
Height[1]	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[2]		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[3]		Up to 34"	Up to 86,4 cm
Single Wheel Lock / Double Wheel Lock		Optional	
Standards[4]		BS EN 1789 KKK-A-1822	

[1] Height is measured from the bottom of the mattress at seat section to ground level.

[2] Cot is weighed without mattress and restraints.

[3] Load wheel height can be set between 27.25” (69,2 cm) and 34” (86,4 cm).

[4] To meet BS EN 1789 crash-test standards with the use of a crash-rated fastener, such as Power-LOAD (Model 6390), you must install the EMS restraint package (6500-002-030) and knee gatch bolster mattress (6500-002-150).

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.

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CONTACT INFORMATION

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

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

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

SERIAL NUMBER LOCATION

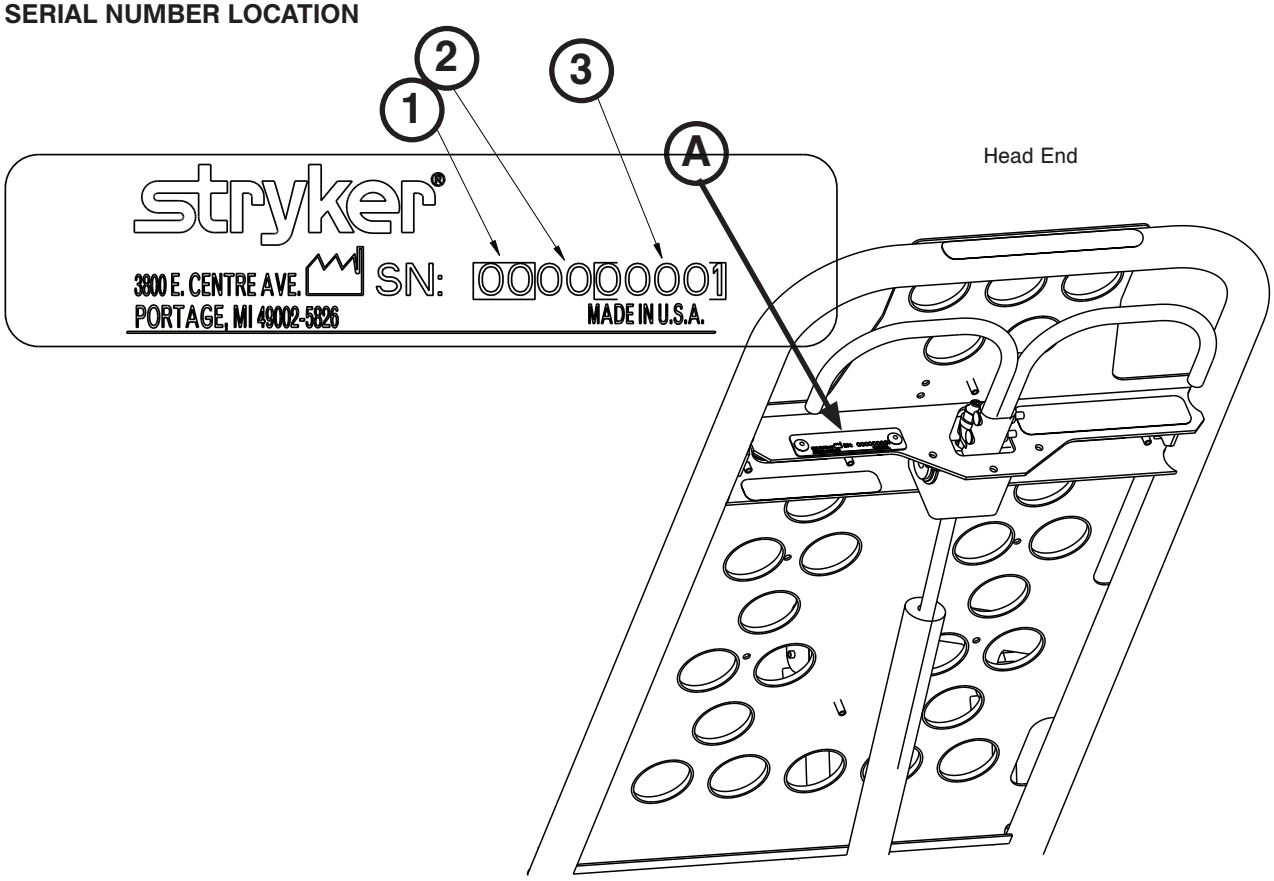

Figure 1

SERIAL NUMBER KEY

See Figure 1 and the following key for additional serial number information:

1	2 digit month
2	2 digit year
3	5 digit sequence that starts with 39000 each month

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PRODUCT ILLUSTRATION

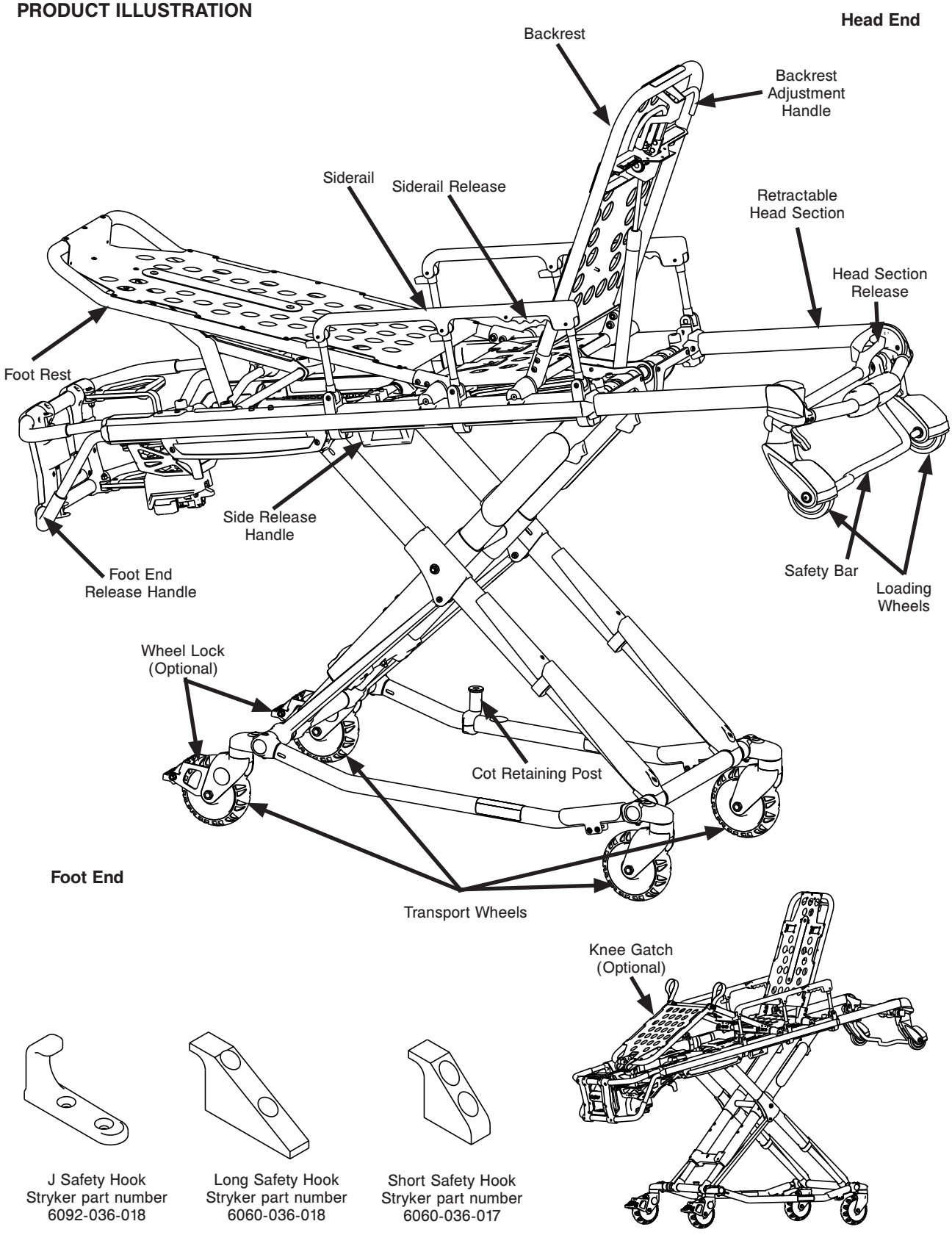

Figure 2

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Summary of Safety Precautions

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

⚠ 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.
- 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 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 171).
- 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 20. 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.
- 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.
- 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 height 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.
- Practice changing height positions and loading the cot until operation of the product is fully understood. Improper use can cause injury.
- Do not allow untrained assistants to assist in the operation of the cot. Untrained technicians/assistants can cause injury to the patient or themselves.
- Do not ride on the base of the cot. Damage to the product could occur, resulting in injury to the patient or operator.
- Transporting the cot sideways can cause the cot to tip, resulting in possible damage to the product and/or injury to the patient or operator. Transporting the cot in a lowered position, head or foot end first, minimizes the potential of a cot tip.
- 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.
- Always use all restraint straps to secure the patient on the cot. An unrestrained patient may fall from the cot and be injured.
- Never leave a patient unattended on the cot or injury could result. Hold the cot securely while a patient is on the product.
- Never apply the optional wheel locks while a patient is on the cot. Tipping could occur if the cot is moved while the wheel lock is applied, resulting in injury to the patient or operator and/or damage to the cot.
- Siderails are not intended to serve as a patient restraint device. See page 44 for proper restraint strap usage. Failure to use the restraint straps properly could result in patient injury.
- 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.

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⚠ WARNING (CONTINUED)

- Transporting the cot in lower positions reduces the potential of a cot tip. If possible, obtain additional assistance or take an alternate route.
- When operating the side release handle, keep hands away from the foot end release handle to avoid injury.
- If lowering the cot to the lowest position (position 1), remove your foot from the base tube or injury could result.
- Power-LOAD is designed to be compatible with the 6085/6086 Performance-PRO XT, 6500/6506 Power-PRO XT, and 6510/6516 Power-PRO IT cots with the Power-LOAD option only. In certain situations, you can use Power-LOAD as a standard antler for most X-frame cots, but a rail clamp assembly is required for all cots without the Power-LOAD option.
- It is the responsibility of the cot operator to ensure that the cot being used in the Stryker Model 6390 Power-LOAD system is a Power-LOAD compatible cot. Injury may result if a non-compatible cot is used in the Stryker Model 6390 Power-LOAD system.
- 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.
- 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.
- The one person loading and unloading procedures are for use only with an empty cot. Do not use the procedures when loading/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.
- To avoid injury, always verify that the head section is locked into place prior to operating the cot.
- 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.
- Siderails are not intended to serve as a patient restraint device. See page 44 for proper restraint strap usage. Failure to utilize the siderails properly could result in patient injury.
- 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.
- 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.
- Do not attach restraints to the base tubes, cross tubes, or fowler skin. Improper restraint attachment could result in damage to the cot further resulting in injury to the patient or operator.
- Stryker recommends a two person operation 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.
- 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.
- 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.
- 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.

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⚠ WARNING (CONTINUED)

- When cleaning, 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.
- Before operating the cot, clear any obstacles that may interfere and cause injury to the operator or patient.
- 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.
- 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.
- Do not use the XPS option with a standard mattress. Use the wider gatch bolster mattress (6500-003-130) with the XPS option.
- Do not sit or stand on the siderails (XPS option).
- Do not use the siderails (XPS option) as a patient transfer device or surface (for example, to slide a patient from the cot to another surface).
- Do not position patients with full weight on the siderails (XPS option).
- Do not use the siderails (XPS option) as a push/pull device or to steer the unit.Ensure that the restraints are not entangled in the base frame when raising and lowering the cot.
- The weight of the equipment in the base storage net (if equipped) must not exceed 20 lb (9 kg).
- Be careful when retracting the base to avoid damaging items stored in the base storage net.
- To avoid the risk of cot tipping, do not install the defibrillator platform on a Model 6086 **Performance-PRO™ XT** cot with the Power-LOAD option.
- To avoid damage to the equipment hook, the weight of the accessories or equipment must not exceed 35 lb (15.8 kg).
- To avoid damage to the I.V. pole, the weight of the I.V. bags or equipment must not exceed 25 lb (11.3 kg).
- To avoid damage to the oxygen bottle holder (if equipped), the weight of the equipment must not exceed 15 lb (6.8 kg).
- Do not use two head end oxygen bottle holders at the same time.
- 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 lb (9 kg).
- The weight of the equipment in the head end storage flat (if equipped) must not exceed 40 lb (18 kg).
- DO NOT STEAM CLEAN OR ULTRASONICALLY CLEAN THE UNIT.
- Maximum water temperature should not exceed 180˚F/82˚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.
- Allow cot to air dry.
- Towel dry all casters and interface points.
- Failure to comply with these instructions may invalidate any/all warranties.
- The cot retaining post is shipped preconfigured for an X-frame cot. If the cot fastener has been configured for an H-frame cot, you must adjust the cot retaining post to accommodate the cot fastener.

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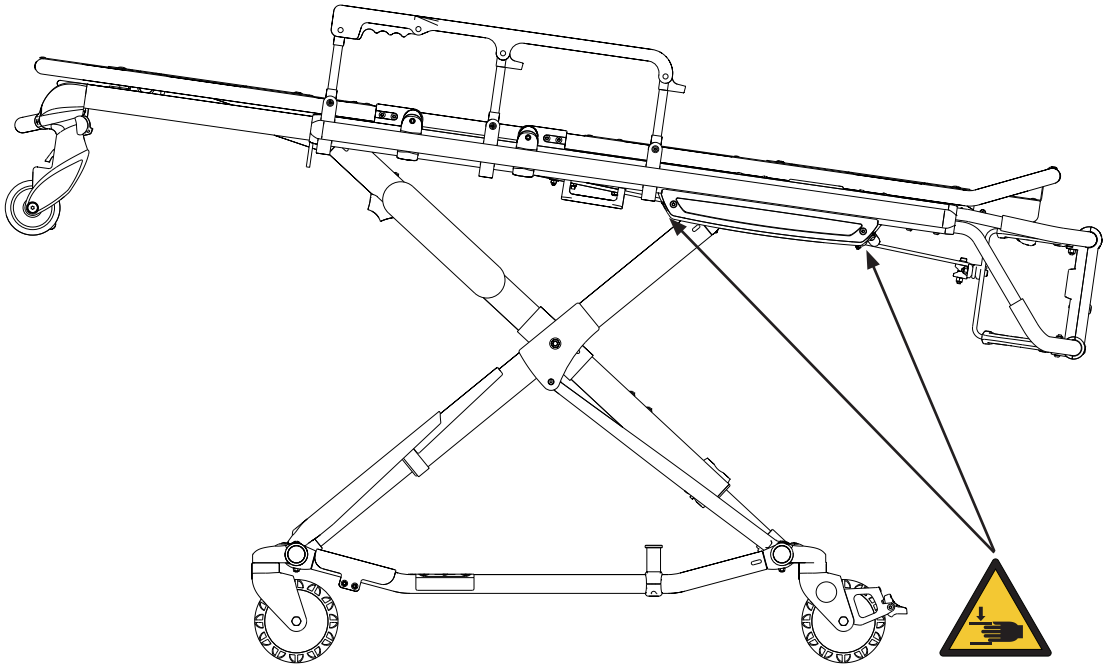

Figure 3

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

Ensure that all shipping and packaging materials have been removed from the products 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. See Figure 2 on page 13 to identify all of the cot components.

Before placing the cot into service, check these components:

- Check for loose fasteners. Replace if loose. Reference all assembly drawings.
- 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 26)
- 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 locks 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 19)
- Adjust cot load height (see page 25)

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 or Stryker Model 6390 Power-LOAD (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 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 171).

Cot Fastener Installation

Note: The Cot Fastener Installation instructions on page 19 through page 24 are intended for cots that you will NOT use with Power-LOAD. For Model 6086 cots with the Power-LOAD option, see the Power-LOAD Operations/ Maintenance Manual for installation instructions.

The Stryker Cot Fastener Systems are designed to be compatible only with cots which conform to the installation specifications listed on page 20.

⚠ WARNING

It is the responsibility of the cot operator to ensure that the cot being used in the Stryker Cot Fastener Systems meets the installation specifications listed on page 20. Injury may result if a non-compatible cot is used in the Stryker 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 information about the Stryker Cot Fastener Systems, see the Cot Fastener Operations/Maintenance Manual.

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Cot Fastener Installation

Note: These installation instructions are intended for cots that you will NOT use with Power-LOAD. For Model 6086 cots with the Power-LOAD option, see the Power-LOAD Operations/Maintenance Manual (6390-009-001) for installation instructions.

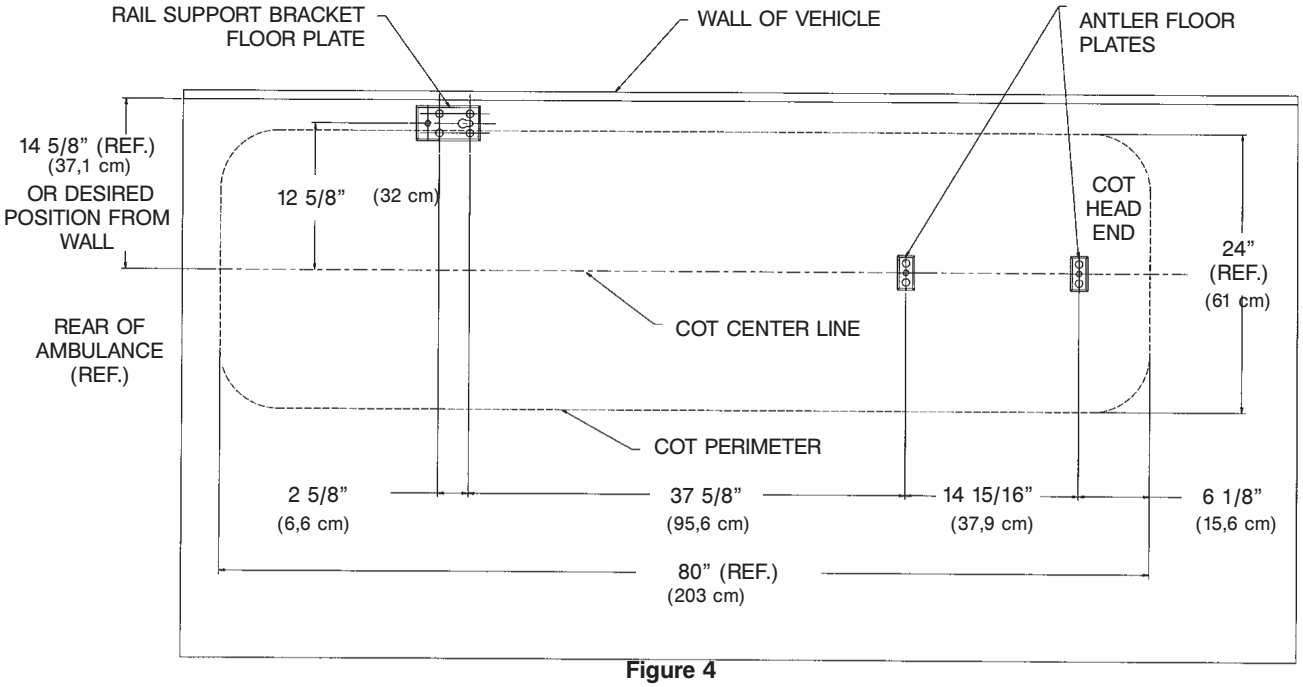

Figure 4

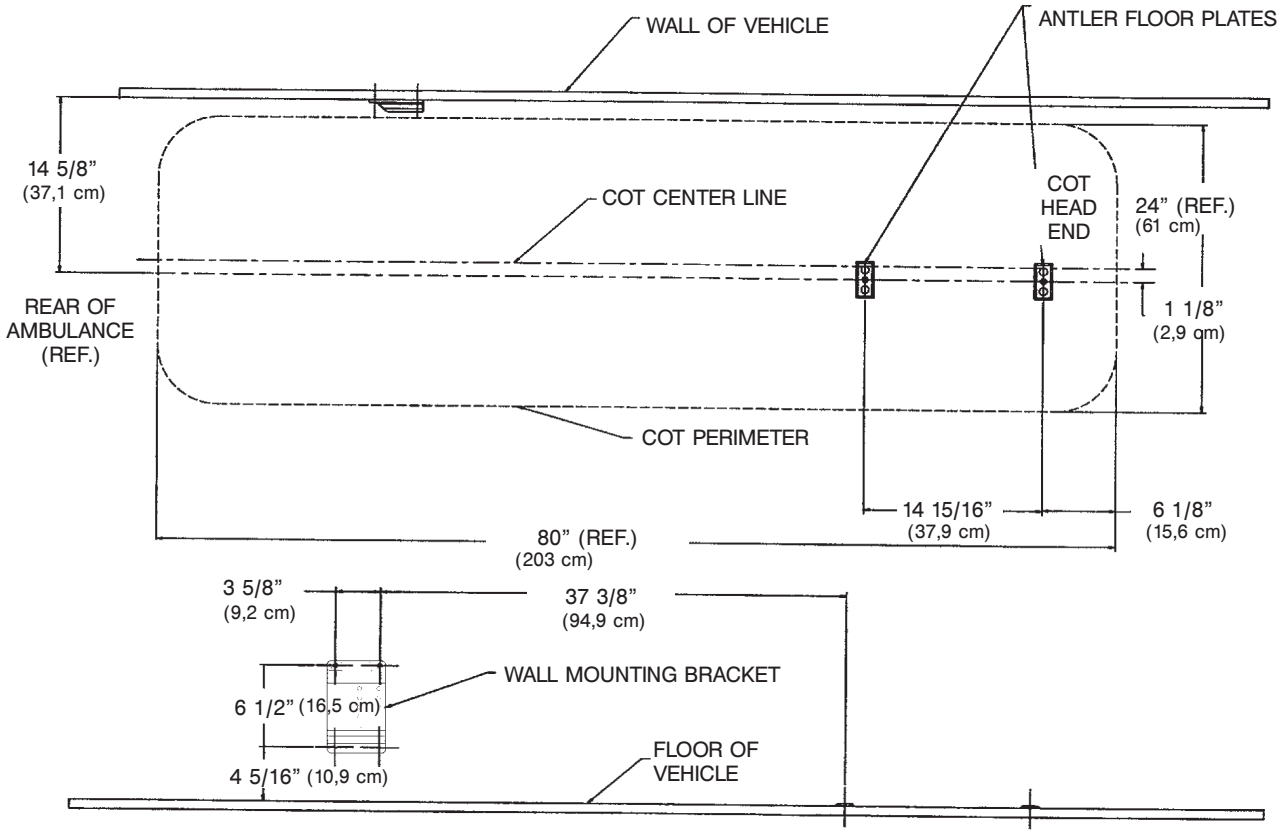

Figure 5

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Vehicle Safety Hook Selection

Note: The Vehicle Safety Hook Selection and Installation instructions on page 21 through page 24 are intended for cots that you will NOT use with Power-LOAD. For Model 6086 cots with the Power-LOAD option, see the Power-LOAD Operations/Maintenance Manual for installation instructions. Power-LOAD ships and is installed with its own safety hook, thus no additional hook is needed.

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 that are ordered and shipped with your 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.

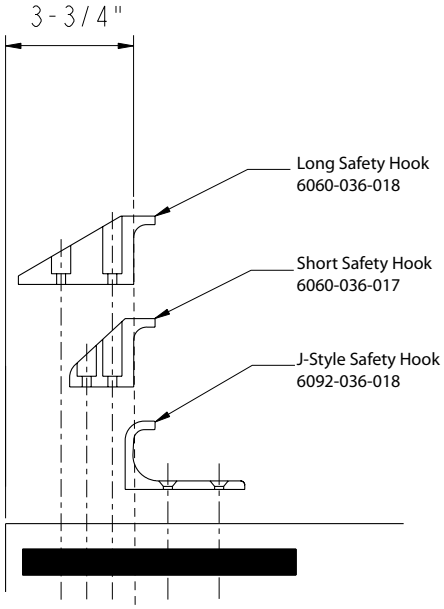

Figure 6

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” to determine the correct positioning for safety hook installation.

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.

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Vehicle Safety Hook Installation

Note: These installation instructions are intended for cots that you will NOT use with Power-LOAD. For Model 6086 cots with the Power-LOAD option, see the Power-LOAD Operations/Maintenance Manual for installation instructions.

VEHICLE CONFIGURATION

According to federal regulations (reference KKK-A-1822), the bumper height of the vehicle shall be installed equidistant ± 5 cm (2 inches) from the vehicle floor to the ground level, which is defined as the vehicle deck height. 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. The cot is compatible with all vehicle deck heights (see specifications for maximum load height) as long as the vehicle meets the federal specifications that are outlined in KKK-A-1822.

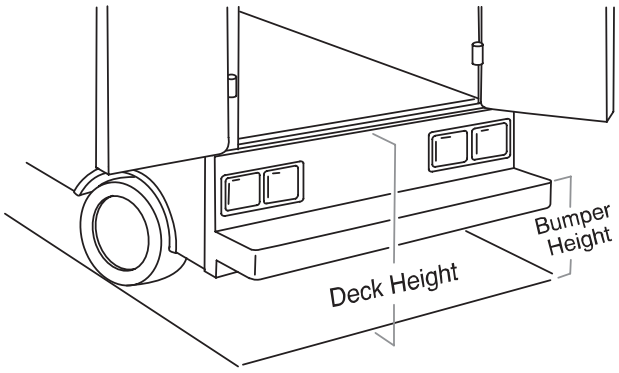

Figure 7

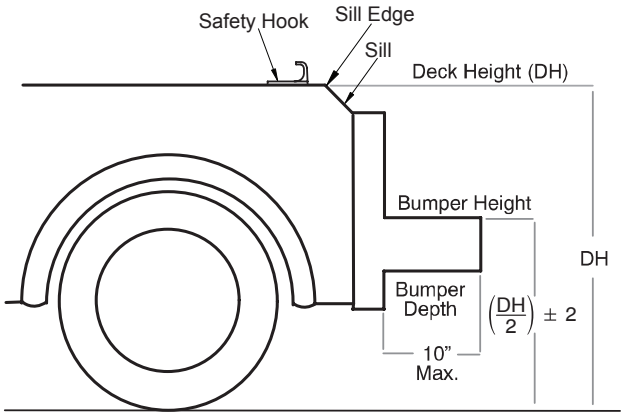

Figure 8

⚠ 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, Minimum 1/4”-20 Socket Head Cap Screws* for the short or long safety hook
(2) Grade 5, Minimum 1/4”-20 Flat Socket Head Cap Screws* for the J hook
(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.

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Vehicle Safety Hook Installation

Note: These installation instructions are intended for cots that you will NOT use with Power-LOAD. For Model 6086 cots with the Power-LOAD option, see the Power-LOAD Operations/Maintenance Manual for installation instructions.

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.
2. Position the safety hook at least 3-3/4” from the leading edge of the door sill.
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” to confirm the side to side placement.

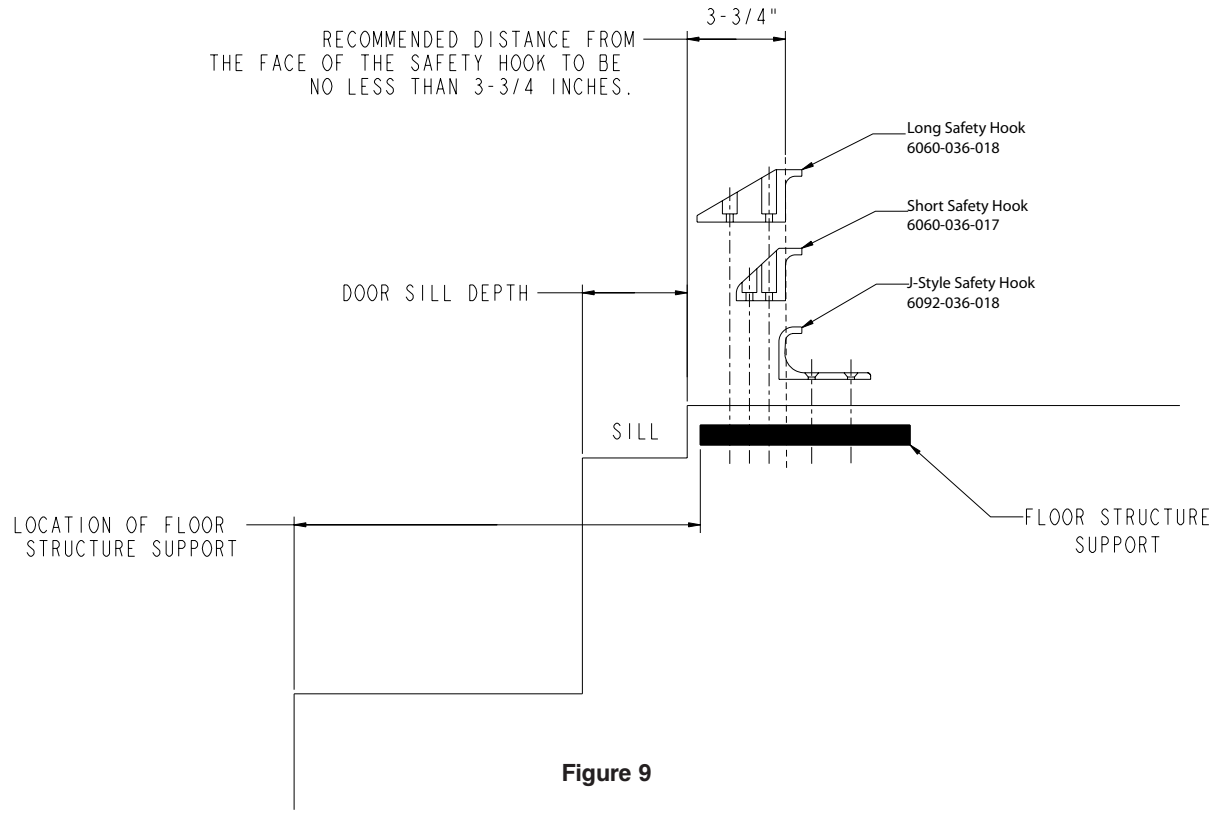

Figure 9

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Vehicle Safety Hook Installation

Note: These installation instructions are intended for cots that you will NOT use with Power-LOAD. For Model 6086 cots with the Power-LOAD option, see the Power-LOAD Operations/Maintenance Manual for installation instructions.

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.
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 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.

⚠ 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.
- 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 height into position can cause injury to the patient or operator and/or damage to the cot.

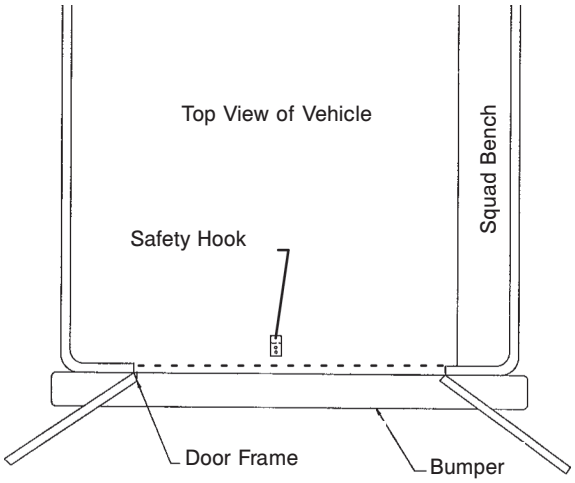

Figure 10

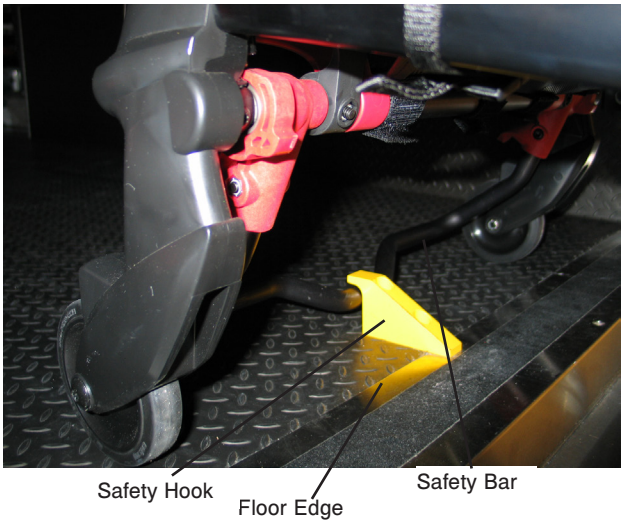

Figure 11

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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™ XT** 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.

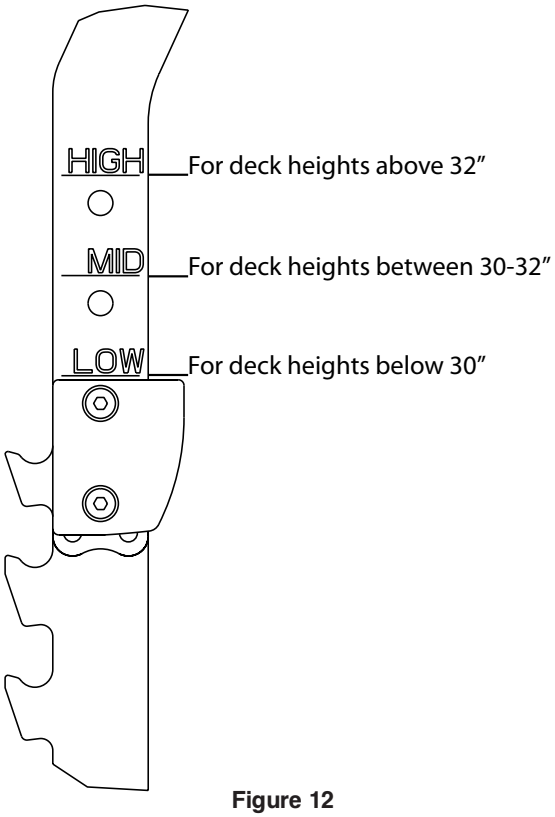

Figure 12

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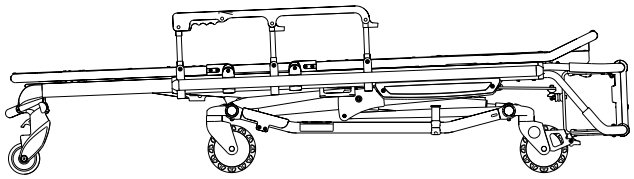
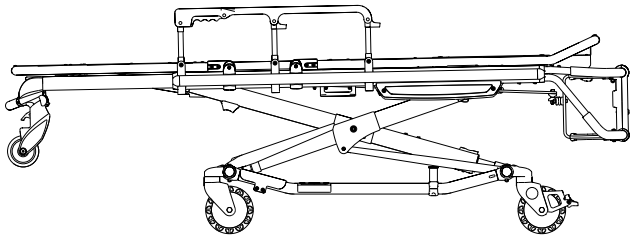
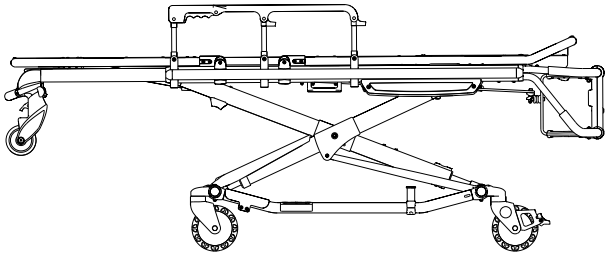
Cot Positions



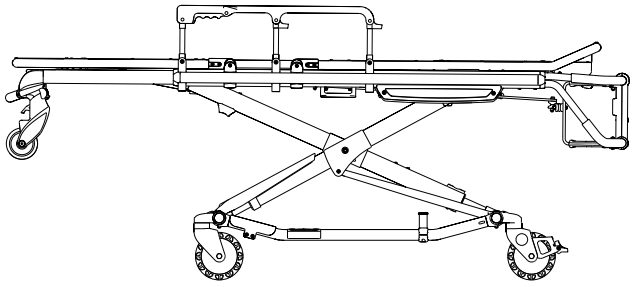
Position 1 - Use for patient transfer



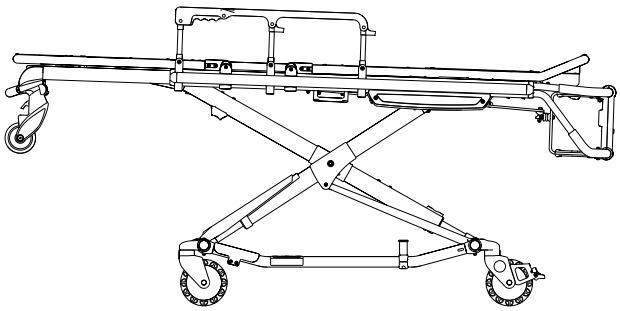
Position 2 - Use for patient transfer/cot rolling



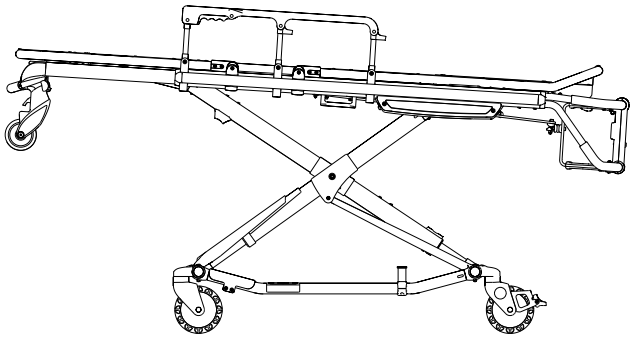
Position 3 - Use for patient transfer/cot rolling



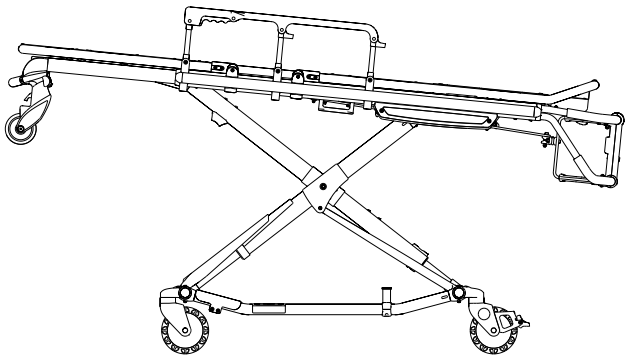
Position 4 - Use for patient transfer/cot rolling



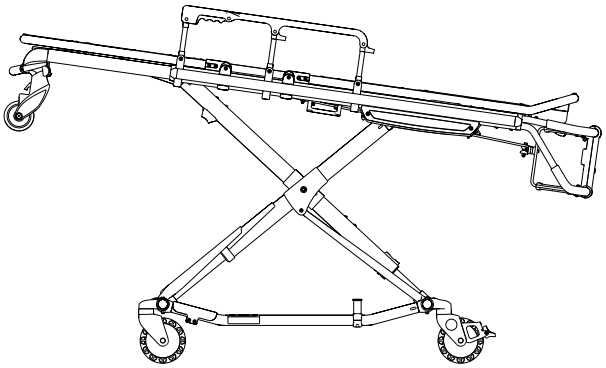
Position 5 - Use for patient transfer/cot rolling



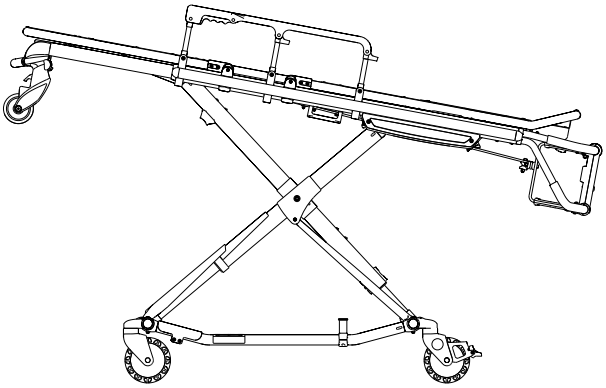
Position 6 - Use for patient transfer/cot rolling



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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OPERATING GUIDELINES

- Use the cot only as described in this manual.
- Read all labels and instructions on the cot before using the cot.
- Loading an occupied cot into a vehicle requires a minimum of **two (2) trained operators**. One or two operators can lift from the foot end of the cot. Stryker recommends that both operators are at the foot end to reduce the load on each operator. If additional assistance is needed, see “Using Additional Assistance” on page 36.
- Do not adjust, roll or load the cot into a vehicle without advising the patient. Stay with the patient and control the cot at all times.
- The cot can be transported in any position. Stryker recommends that the operators transport the patient in the lowest comfortable position to maneuver the cot.
- Only use the wheel locks during patient transfer or without a patient on the cot.
- Do not leave wheel locks engaged while transporting the cot. Failure to do so may cause wheel damage.
- Always use the restraint straps.
- Use properly trained helpers, when necessary, to control 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.
- Practice changing height positions and loading the cot until operation of the product is fully understood. Improper use can cause injury.
- Do not allow untrained assistants to assist in the operation of the cot. Untrained technicians/assistants 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.
- Do not ride on the base of the cot. Damage to the product could occur, resulting in injury to the patient or operator.
- Transporting the cot sideways can cause the cot to tip, resulting in possible damage to the product and/or injury to the patient or operator. Transporting the cot in a lowered position, head or foot end first, minimizes the potential of a cot tip.
- 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.

⚠ CAUTION

Before operating the cot, clear any obstacles that may interfere and cause injury to the operator or patient.

PROPER LIFTING TECHNIQUES

When lifting the cot and patient, there are five basic guidelines to help you avoid injury:

- Keep your hands close to your body.
- Keep your back straight.
- Coordinate your movements with your partner and lift with your legs.
- Avoid twisting.
- Always operate the cot as described in this manual.

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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 or lower the cot to the level of the patient.
3. Lower the siderails and open the restraint straps.
4. Transfer the patient to the cot using accepted EMS procedures.
5. Use all the restraint straps to secure the patient to the cot (see page 44).
6. Adjust the backrest and foot rest as necessary.

Note: When transferring larger patients, use of the Transfer Flat (6005-001-001) is recommended.

⚠ WARNING

- Always use all restraint straps to secure the patient on the cot. An unrestrained patient may fall from the cot and be injured.
- Never leave a patient unattended on the cot or injury could result. Hold the cot securely while a patient is on the product.
- Never apply the optional wheel locks while a patient is on the cot. Tipping could occur if the cot is moved while the wheel lock is applied, resulting in injury to the patient or operator and/or damage to the cot.
- Siderails are not intended to serve as a patient restraint device. See page 44 for proper restraint strap usage. Failure to use the restraint straps properly could result in patient injury.

ROLLING THE COT

When rolling the cot:

- Make sure that all of the restraint straps are securely buckled around the patient (see page 44).
- 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.

ADJUSTING THE HEIGHT OF THE COT WITH TWO OPERATORS

⚠ 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.

You can raise or lower an unoccupied cot with one operator. If a patient is on the cot, a minimum of **two (2) trained operators** (one located at each end of the cot) are required to raise or lower the 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.

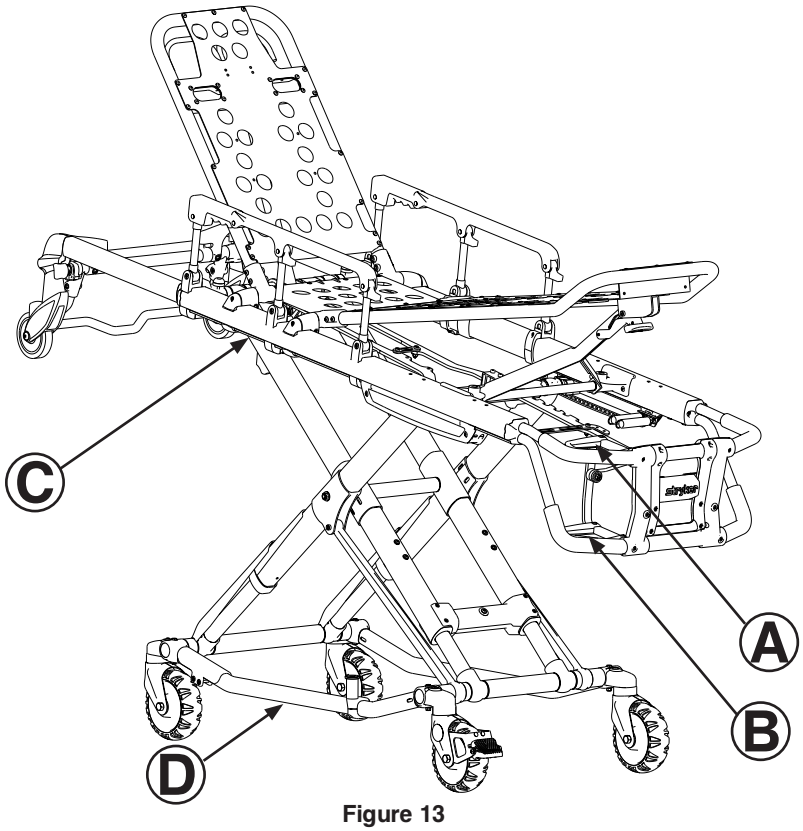

Figure 13

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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

Figure 15

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

Figure 17

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LOADING OR UNLOADING THE COT

The cot loading and unloading instructions on page 32 through page 35 are intended for cots that you will NOT use with Power-LOAD. For Model 6086 cots with the Power-LOAD option, see the Power-LOAD Operations/Maintenance Manual for loading and unloading instructions.

LOADING OR UNLOADING THE COT WITH THE POWER-LOAD OPTION

The Model 6086 **Performance-PRO™ XT** cot is fully compatible with the Model 6390 Power-LOAD system if it is ordered with the Power-LOAD option or compatibility kit.

For more information about using your Power-LOAD compatible cot, see the Power-LOAD Operations/Maintenance Manual.

⚠ WARNING

- Power-LOAD is designed to be compatible with the 6085/6086 Performance-PRO XT, 6500/6506 Power-PRO XT, and 6510/6516 Power-PRO IT cots with the Power-LOAD option only. In certain situations, you can use Power-LOAD as a standard antler for most X-frame cots, but a rail clamp assembly is required for all cots without the Power-LOAD option.
- It is the responsibility of the cot operator to ensure that the cot being used in the Stryker Model 6390 Power-LOAD system is a Power-LOAD compatible cot. Injury may result if a non-compatible cot is used in the Stryker Model 6390 Power-LOAD system.

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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 22 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 22.

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 29).
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 18

Figure 19

Figure 20

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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

Figure 22

Figure 23

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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 22.
- 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 19).
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

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.

Figure 25

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.

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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 19). 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

Figure 27

Figure 28

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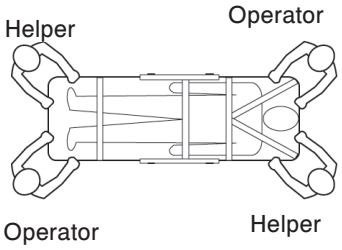
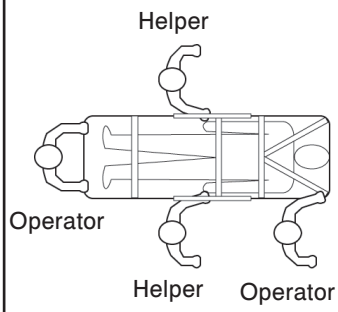
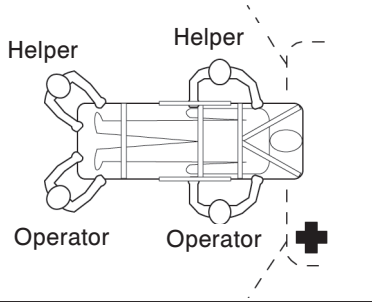
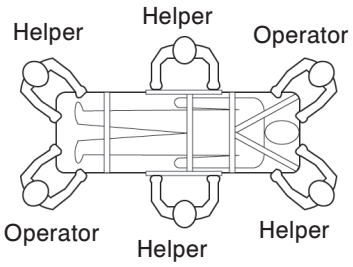
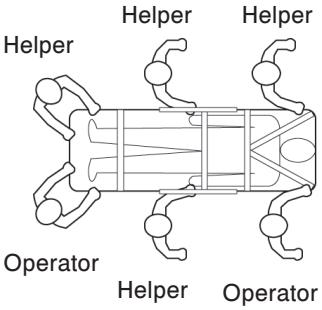
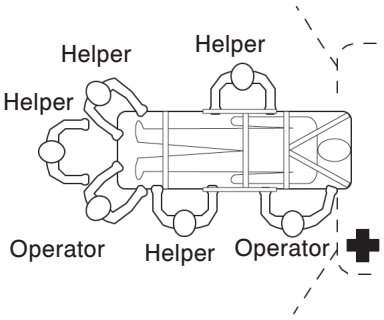
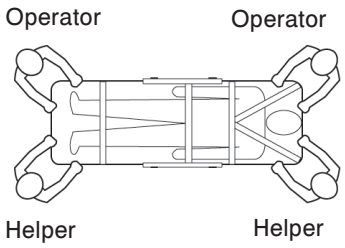
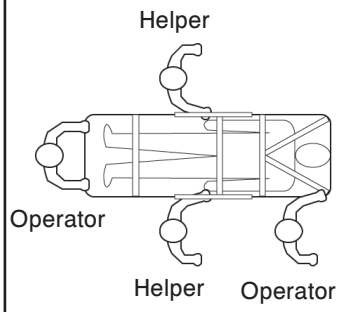
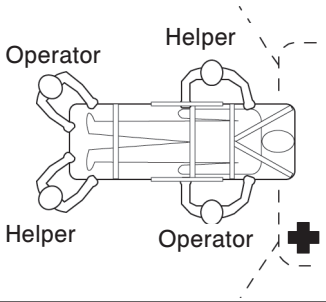
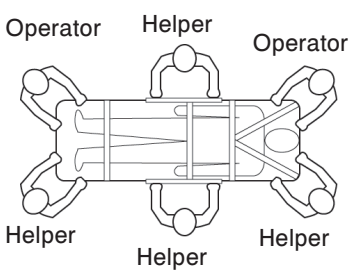
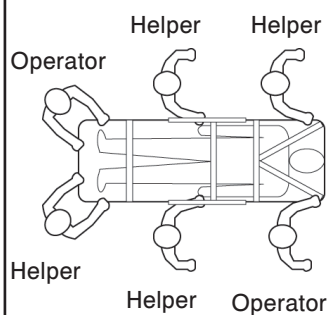
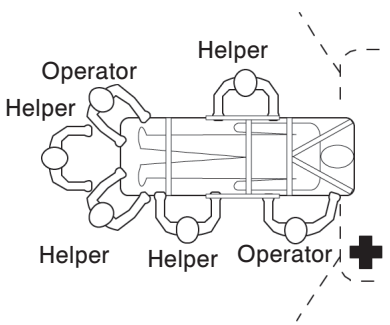
USING ADDITIONAL ASSISTANCE

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			

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OPERATING THE BACKREST

To raise the backrest, as shown in Figure 29, 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.

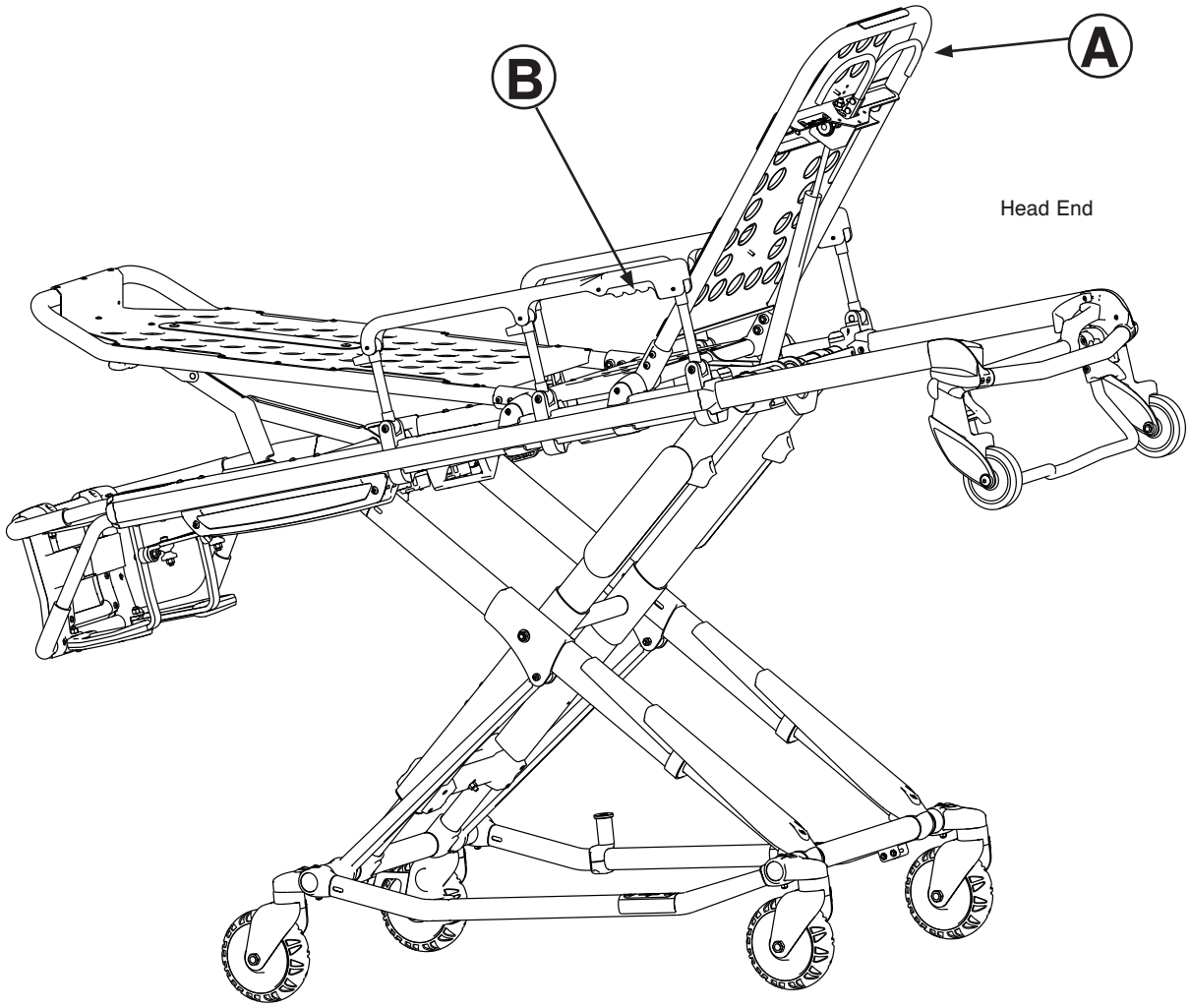

Figure 29

RAISING AND LOWERING THE SIDERAILS (STANDARD)

To raise the siderails, as shown in Figure 29, lift up on the siderail until the latch clicks and the siderail locks into place.

To lower the siderails, squeeze handle (B) to release the siderail latch. Guide the siderail down toward the foot end until flat. Ensure that the siderails are lowered when a patient is being transferred to or from the cot.

⚠ WARNING

Siderails are not intended to serve as a patient restraint device. See page 44 proper restraint strap usage. Failure to use the siderails properly could result in patient injury.

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RAISING AND LOWERING THE SIDERAILS (XPS OPTION)

⚠ WARNING

Siderails are not intended to serve as a patient restraint device. See page 44 proper restraint strap usage. Failure to use the siderails properly could result in patient injury.

You can order your cot with the eXpandable patient surface (XPS) option or upgrade your cot to add the XPS option. Siderails (XPS option) are attached to the cot and are always available for your use. The siderails (XPS option) adjust according to patient size and lock into seven positions. The siderails also adjust to fit through standard doorways or elevators.

To raise the siderails, lift up on the siderail until it locks into the desired position.

To lower the siderails, lift up to relieve the weight, then pull the red lever (A) (Figure 30).

The XPS option is not a primary patient support surface. It includes a wider mattress and is intended to enhance patient comfort.

⚠ CAUTION

- Do not use the XPS option with a standard mattress. Use the wider gatch bolster mattress (6500-003-130) with the XPS option.
- Do not sit or stand on the siderails (XPS option).
- Do not use the siderails (XPS option) as a patient transfer device or surface (for example, to slide a patient from the cot to another surface).
- Do not position patients with full weight on the siderails (XPS option).
- Do not use the siderails (XPS option) as a push/pull device or to steer the unit.

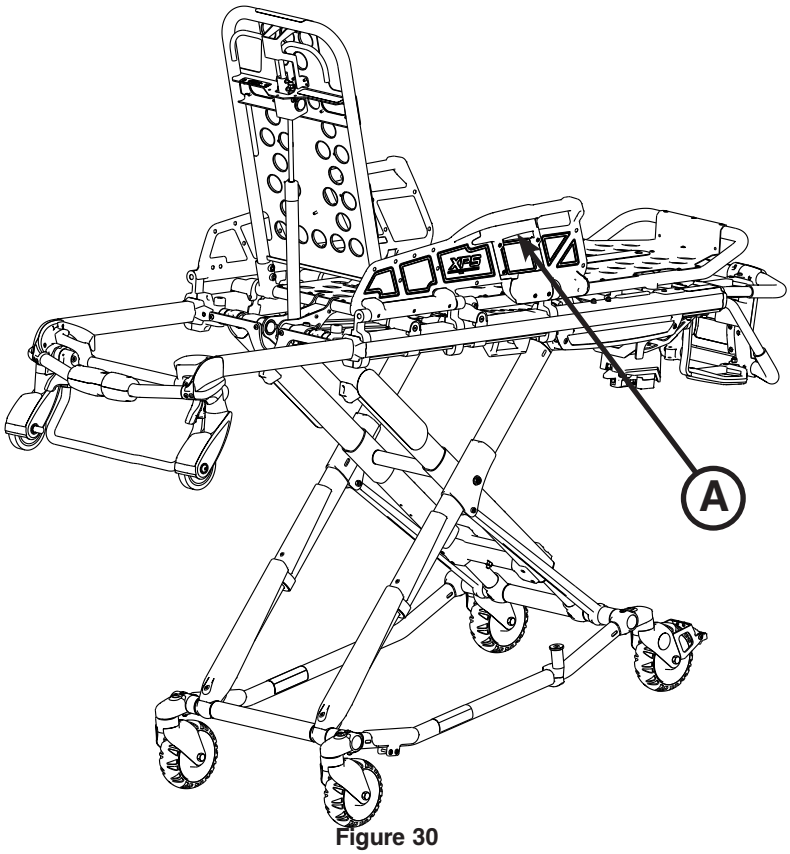

Figure 30

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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 handle (A), rotating the handle 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 handle (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 handle (A), rotate the handle 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 handle (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.
- 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.

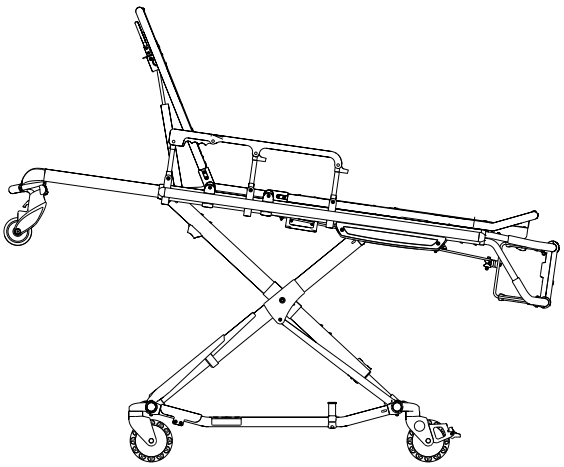

Figure 31

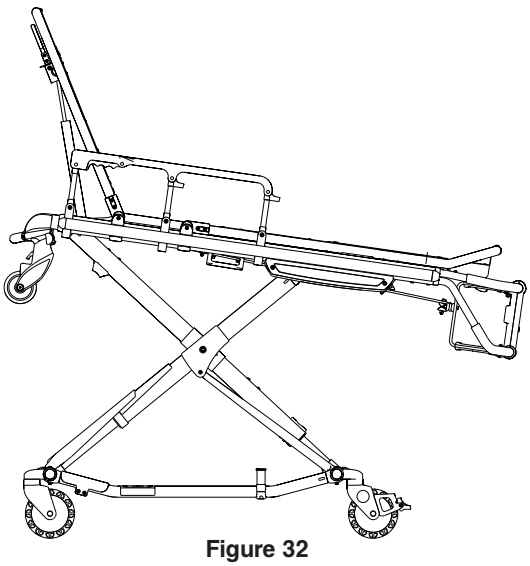

Figure 32

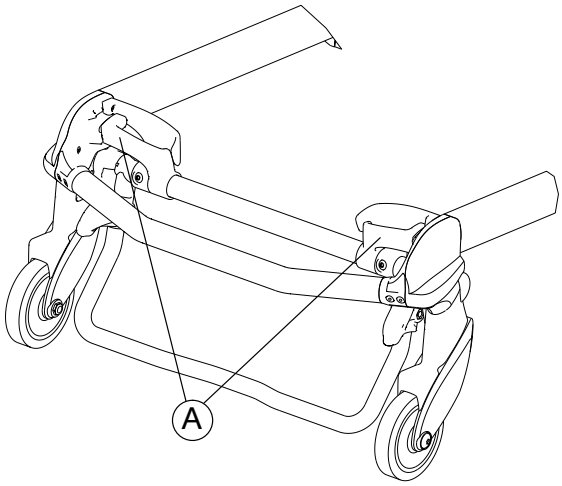

Figure 33

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ADJUSTING THE FOOTREST

The footrest is adjustable to allow for elevation of the patient's legs (see Figure 34).

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. Carefully lower the footrest until it rests flat.

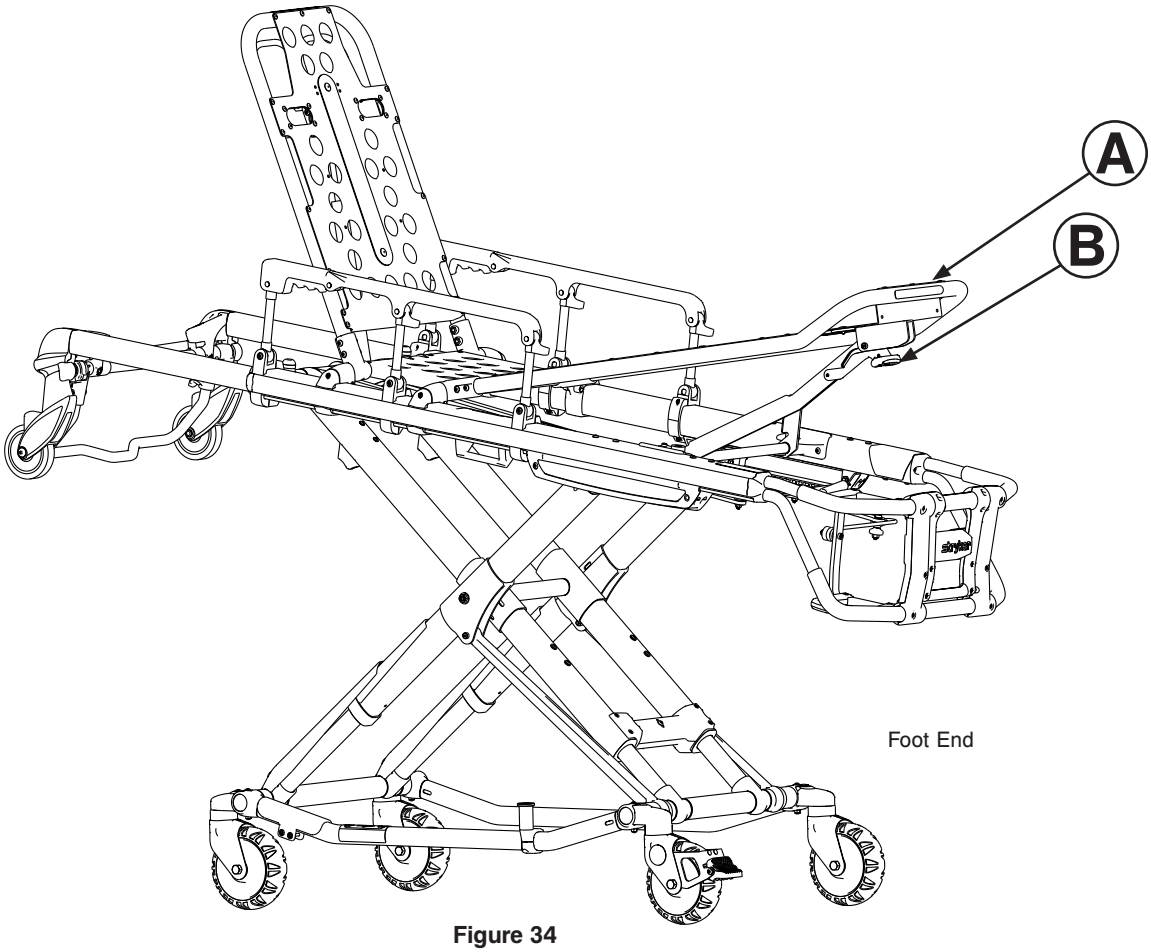

Figure 34

ADJUSTING THE OPTIONAL KNEE GATCH

To raise the knee gatch (see Figure 35):
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. Carefully lower the knee gatch to the flat position.

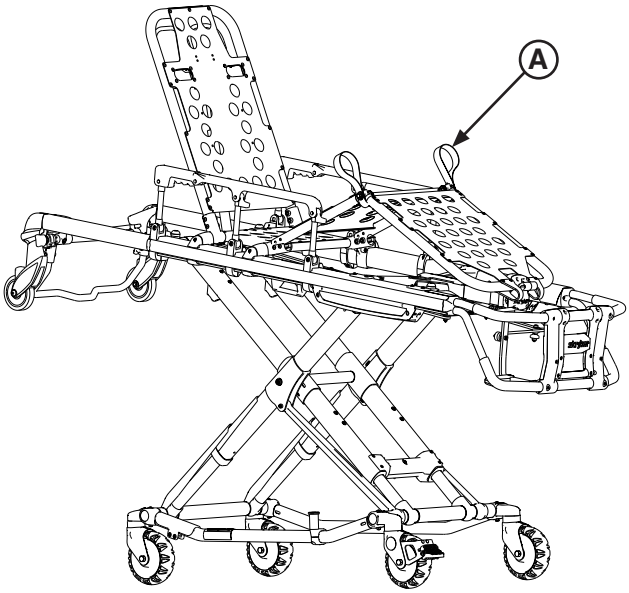

Figure 35

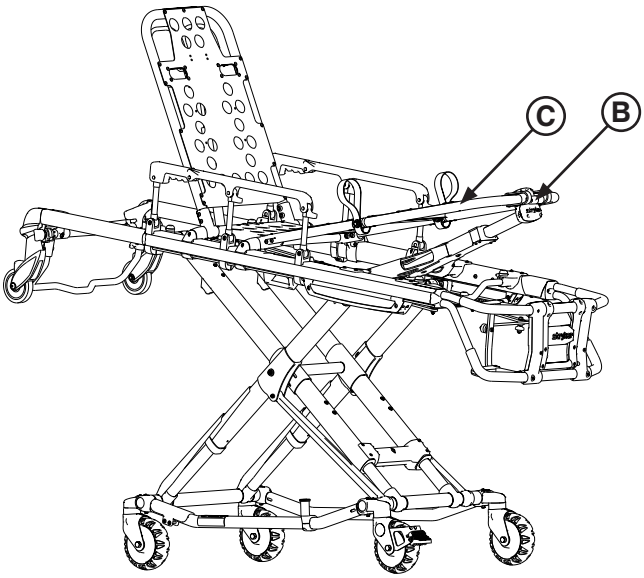

Figure 36

To raise the knee gatch in trend (see Figure 36):
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. Carefully lower the footrest until it rests flat.

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OPERATING THE OPTIONAL WHEEL LOCKS

To activate the optional wheel locks, press fully down on the pedal (A) as shown in Figure 37 until it stops and is resting firmly against the surface of the wheel.

To release the optional wheel locks, 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 will rest against the caster frame when the wheel lock is released.

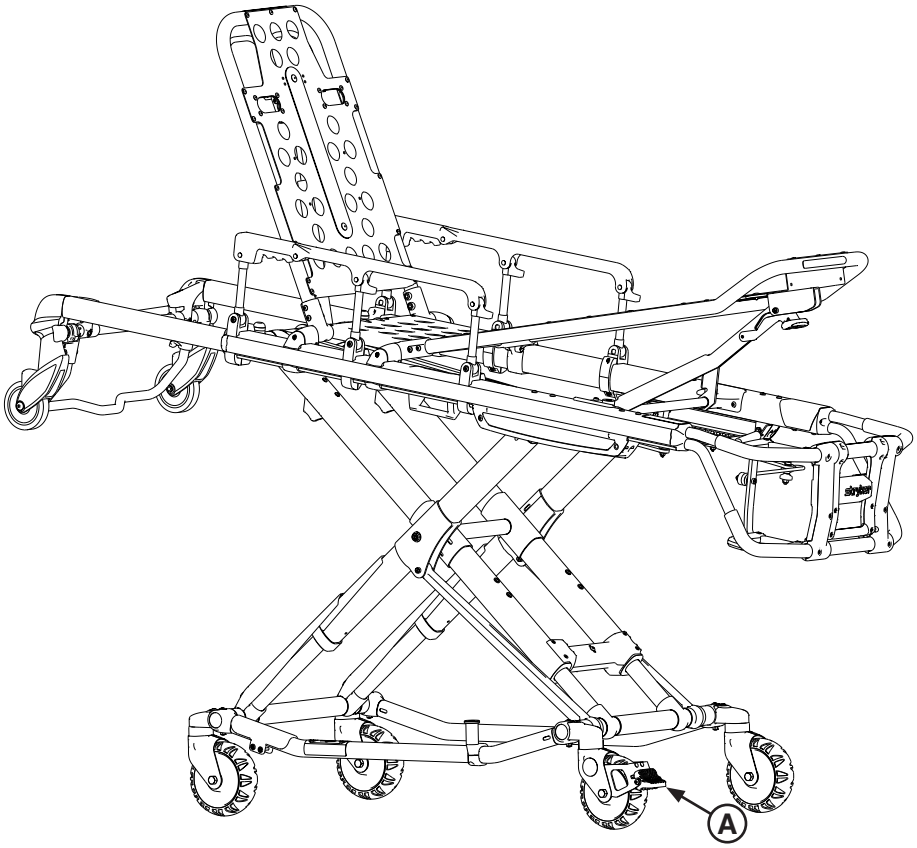

Figure 37

⚠ WARNING

- Never apply the optional wheel locks 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 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.

⚠ CAUTION

Wheel locks are only intended to help prevent the cot from rolling while unattended and to aid in patient transfer. A wheel lock may not provide sufficient resistance on all surfaces or under loads.

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USING THE OPTIONAL KICKSTAND FOR DIALYSIS SCALE

The kickstand is intended for weighing patients on a scale.

Note:

- The optional kickstand assembly is configured for an X-frame cot retention system only.
- The optional kickstand (6085-102-000) is not compatible with the optional base storage net (6500-160-000).

⚠ WARNING

- Stryker recommends a two person operation 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 38.
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 39.

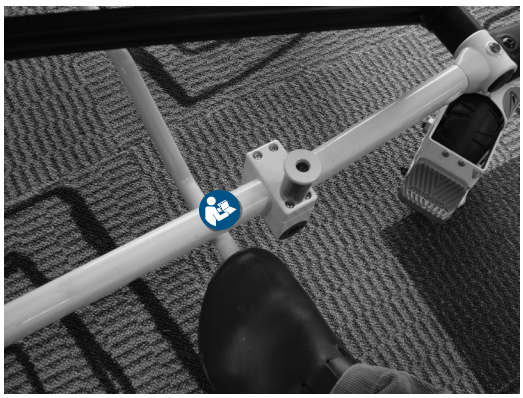

Figure 38

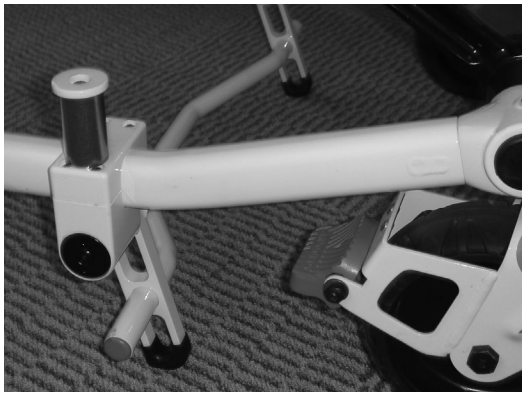

Figure 39

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 40.

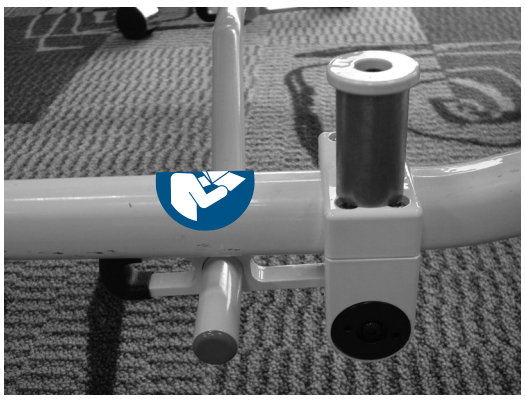

Figure 40

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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.

To attach the restraint strap to the cot:

1. Wrap the restraint strap around the cot frame as shown in Figure 41.
2. Push the restraint strap buckle through the loop as shown in Figure 42.
3. Pull the buckle through the loop to secure the restraint strap to the cot as shown in Figure 43.

Figure 41

Figure 42

Figure 43

4. Repeat steps 1-3 until all restraint straps are securely attached to the cot in the required attachment locations as shown in Figure 44.

Buckle the restraints across the patient's chest/shoulders, waist and legs. Note the attachment locations in Figure 44.

Keep the restraint straps buckled (as shown in Figure 44) when the cot is not being used with a patient to avoid damage to the buckles and straps.

Figure 44

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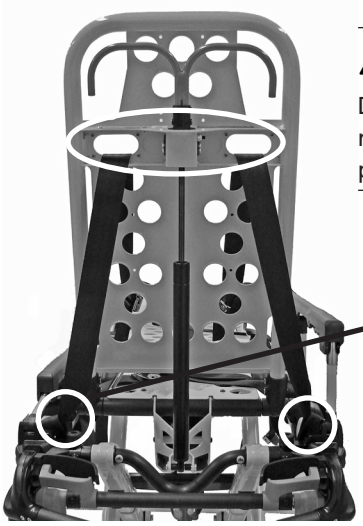
USING RESTRAINT STRAPS (CONTINUED)

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



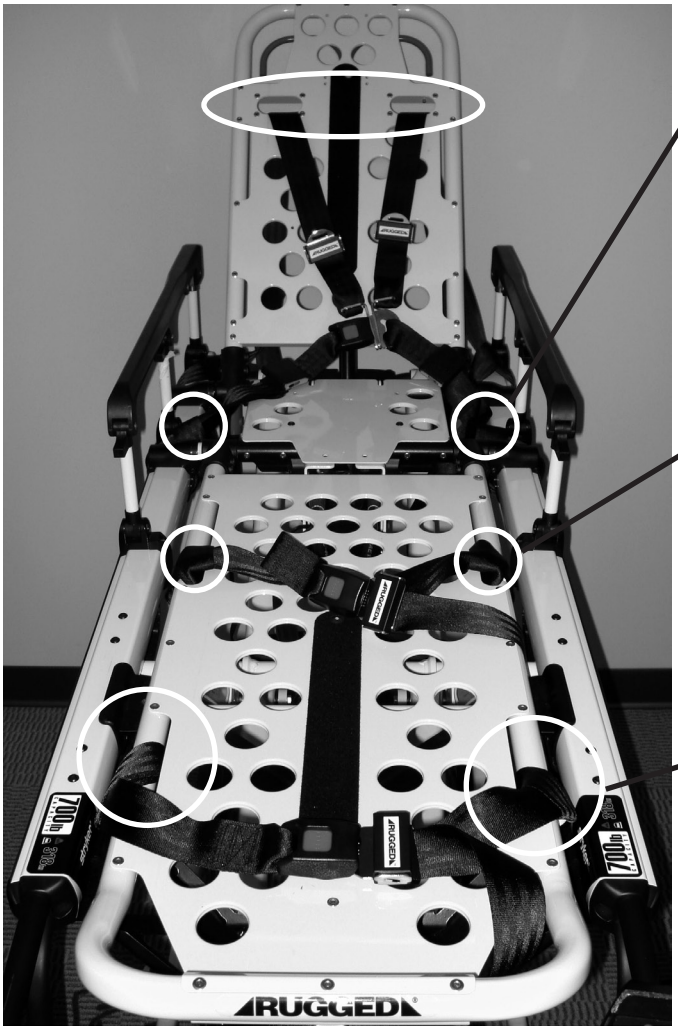
(Back View)

⚠ WARNING

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

Shoulder/Chest Restraint Straps

Knee Restraint Straps



Foot Restraint Straps

Figure 45

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USING RESTRAINT STRAPS (CONTINUED)

⚠ 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 latch plate (B) which can then be pulled out of the receiver (Figure 46).
- **To close the restraint**, push the latch plate into the receiver until a "click" is heard. When fastening the chest restraint ensure that the latch plate passes through both links (C) on the shoulder strap (Figure 47).
- **To lengthen the restraint**, grasp the buckle latch plate, turn it at an angle to the webbing, then pull it out (Figure 48). A hemmed tab at the end of the webbing prevents the latch plate from coming off of the strap.
- **To shorten the restraint**, grasp the hemmed tab and pull the webbing back through the latch plate until the required tightness is achieved (Figure 48).

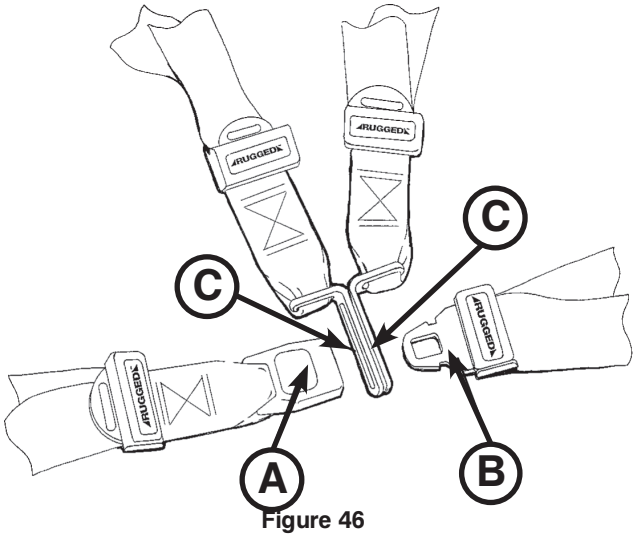

Figure 46

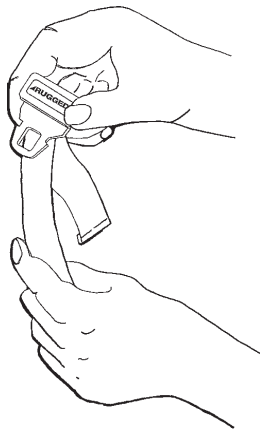

Figure 47

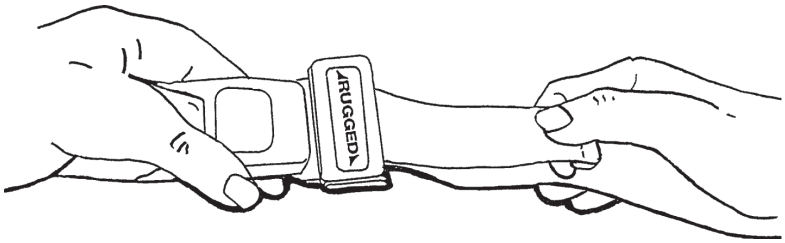

Figure 48

Whenever a restraint is buckled on a patient, verify that the latch plate 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). Inspection should include checking for a bent or broken receiver or latch plate, torn or frayed webbing, etc. Any restraint showing wear or not operating properly **must** be replaced immediately.

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USING THE RESTRAINT EXTENDER

Use the restraint extender, as shown in Figure 49, for extra length when buckling the lap belt around large patients.

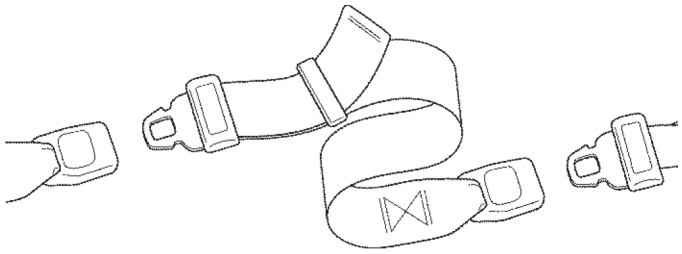

Figure 49

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ATTACHING THE PEDI-MATE® INFANT RESTRAINT SYSTEM

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

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 out (see Figure 50).

Figure 50

4. Wrap the straps around the backrest and insert the ends of the straps through the brackets. Securely fasten the buckle (see Figure 51).

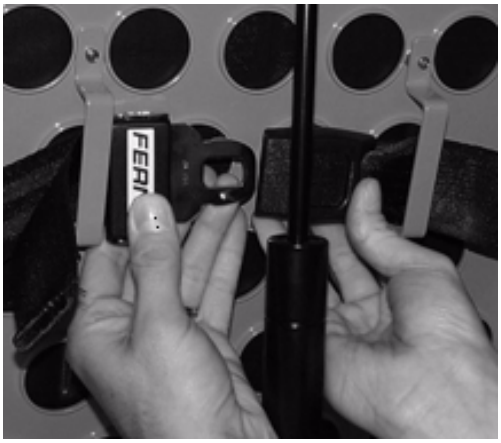

Figure 51

⚠ WARNING

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.

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ATTACHING THE 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 located 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 52).

Figure 52

⚠ WARNING

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.

7. Verify that all of the straps are snug and fastened securely (see Figure 53).

Figure 53

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 be 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.

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USING THE DEFIBRILLATOR PLATFORM

To install the defibrillator platform:

1. Place the defibrillator platform in the stored position as shown in Figure 54.
2. Open and expand the defibrillator platform legs as shown in Figure 55.

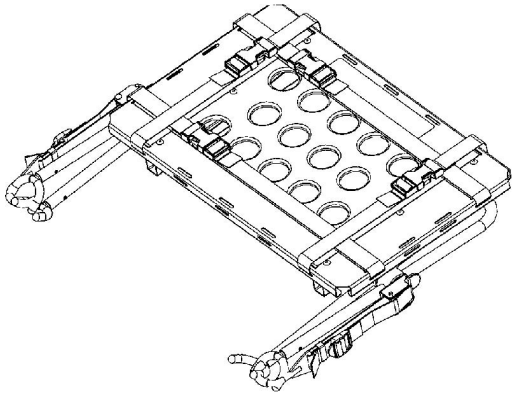

Figure 54

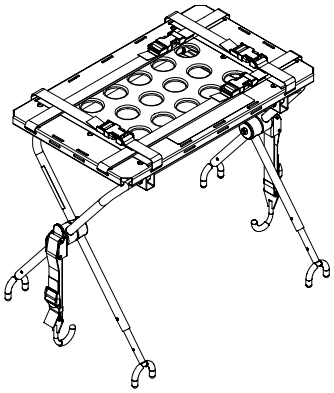

Figure 55

3. If the cot is equipped with an I.V. pole, raise the I.V. pole (A) to the up position as shown in Figure 56.
4. Place the defibrillator platform on the cot frame as shown in Figure 56. Position the inside legs (B) of the defibrillator platform toward the head end of the cot to properly fit the defibrillator platform on the cot frame.

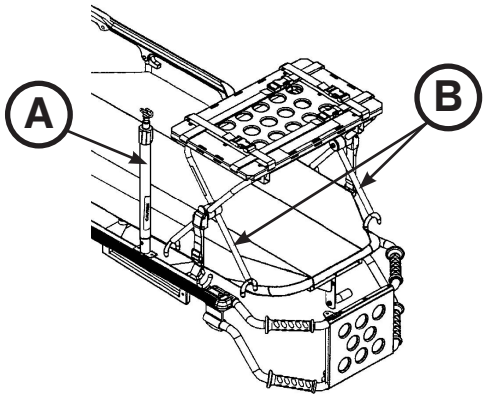

Figure 56

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USING THE DEFIBRILLATOR PLATFORM (CONTINUED)

5. Place the latch hook (C) under the cot litter frame or foot end fastener and push the tab (D) up until it locks into place with an audible click as shown in Figure 57. Repeat on the other side of the defibrillator platform.

   Notes:
   - For Power-LOAD compatible cots, you must lengthen and attach the straps to the foot end fastener as indicated in Figure 58.
   - If the defibrillator platform is not securely attached to the cot when both latch hooks are engaged or if you cannot secure the latch hooks around the cot litter frame, unlatch the tab (E), loosen or tighten the strap (F) until the proper adjustment is achieved, and then push the tab (E) up until it locks into place with an audible click (Figure 59).

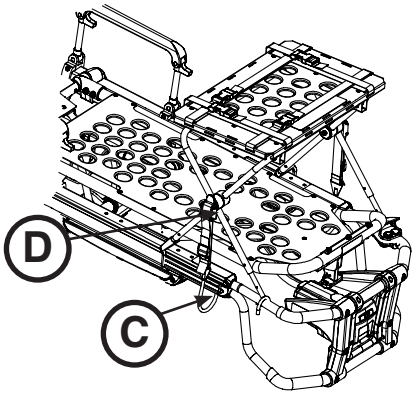

Figure 57

⚠ WARNING

To avoid the risk of patient injury or equipment damage, ensure that you properly mount and secure the defibrillator platform to the cot.

6. Ensure that the defibrillator platform is properly secured to the cot.
7. Place the defibrillator on the defibrillator platform and secure the straps.

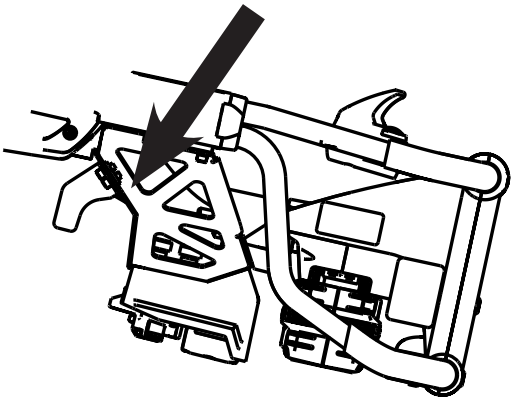

Figure 58

⚠ WARNING

- To avoid the risk of patient injury or equipment damage, you must use the provided straps to secure the defibrillator to the defibrillator platform.
- Due to the difference in sizes and shapes of available defibrillators, you may have to change the location and adjustment of the straps that secure the defibrillator to the defibrillator platform. To avoid the risk of patient injury or equipment damage, use and adjust all straps properly to ensure the security of the defibrillator.
- To avoid the risk of patient injury or equipment damage, the weight placed on the defibrillator platform must not exceed 30 lb (13.6 kg).

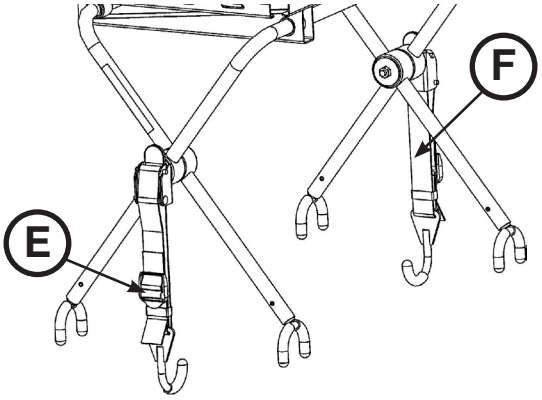

Figure 59

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USING THE EQUIPMENT HOOK

Use the equipment hook (A) (see Figure 60) to hang additional accessories or equipment, such as defibrillators or monitors.

⚠ CAUTION

To avoid damage to the equipment hook, the weight of the accessories or equipment must not exceed 35 lb (15.8 kg).

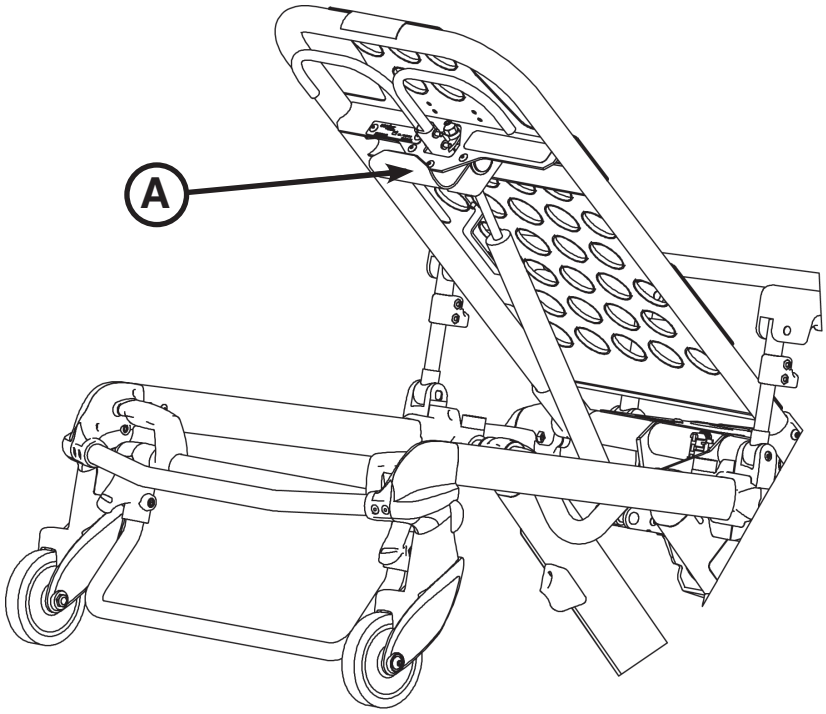


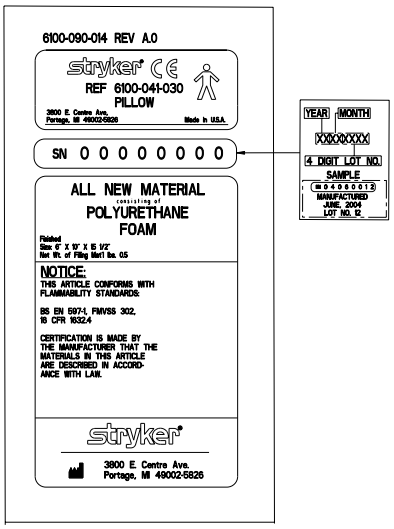
Figure 60

USING THE HEAD EXTENSION WITH PILLOW

You can install the head extension assembly over the fowler to provide head end support.

Attach the pillow to the head extension by placing the support into the flap on the bottom of the pillow. Secure the pillow to the Velcro® on the bottom of the support.

Note: The head extension with pillow (6100-044-000) is not compatible with the optional equipment hook (6500-147-000) or optional fowler oxygen bottle holder (6500-241-000).



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OPERATING THE OPTIONAL TWO-STAGE I.V. POLE

To use the two-stage I.V. pole (see Figure 62):

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 61).

⚠ CAUTION

To avoid damage to the I.V. pole, the weight of the I.V. bags or equipment must not exceed 25 lb (11.3 kg).

Note: The dual two-stage I.V. poles (6500-312-000) are not compatible with either the patient right (6500-310-000) or patient left (6500-311-000) two-stage I.V. pole options.

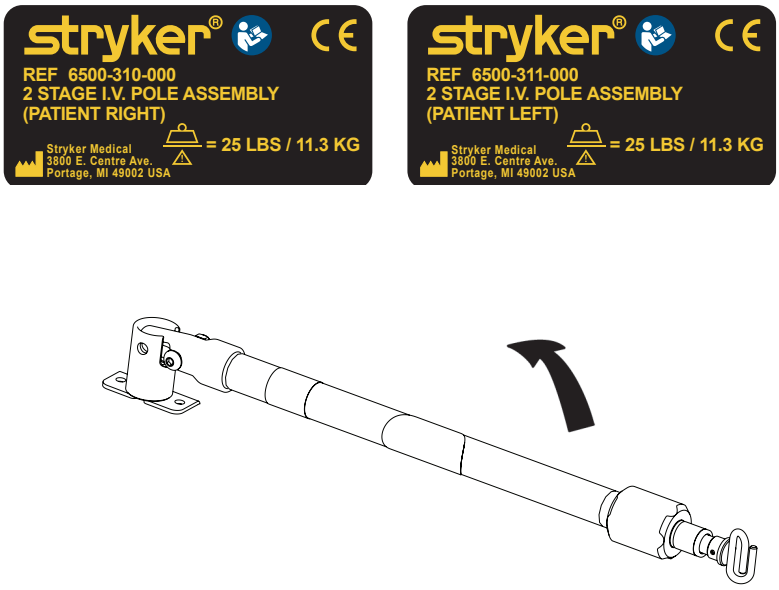

Figure 61

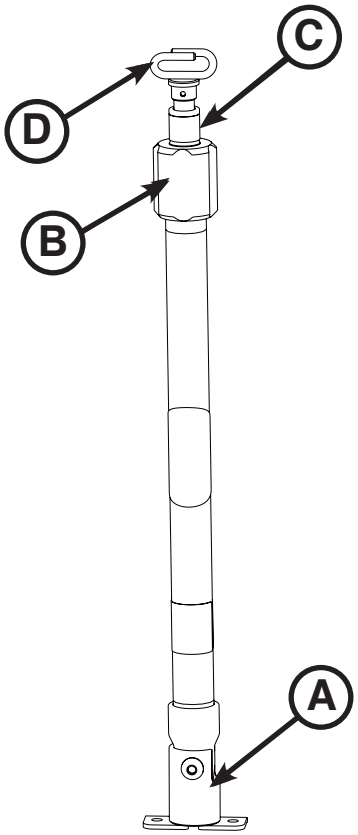

Figure 62

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OPERATING THE OPTIONAL THREE-STAGE I.V. POLE

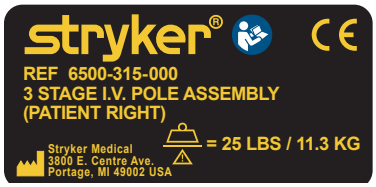
To use the three-stage I.V. pole (see Figure 64):

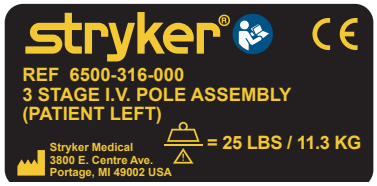
1. Lift and pivot the pole from the storage position and push down until it is locked into the receptacle (A).
2. To raise the height of the pole, turn the lock actuator (B) counterclockwise and pull up on the bottom telescoping portion (C) of the pole to raise it to the desired height.
3. Turn the lock 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 63).

⚠ CAUTION

To avoid damage to the I.V. pole, the weight of the I.V. bags or equipment must not exceed 25 lb (11.3 kg).

Note: The dual three-stage I.V. poles (6500-317-000) are not compatible with either the patient right (6500-315-000) or patient left (6500-316-000) two-stage I.V. pole options.





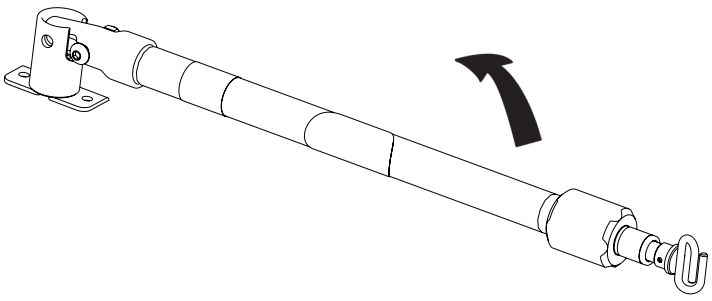


Figure 63

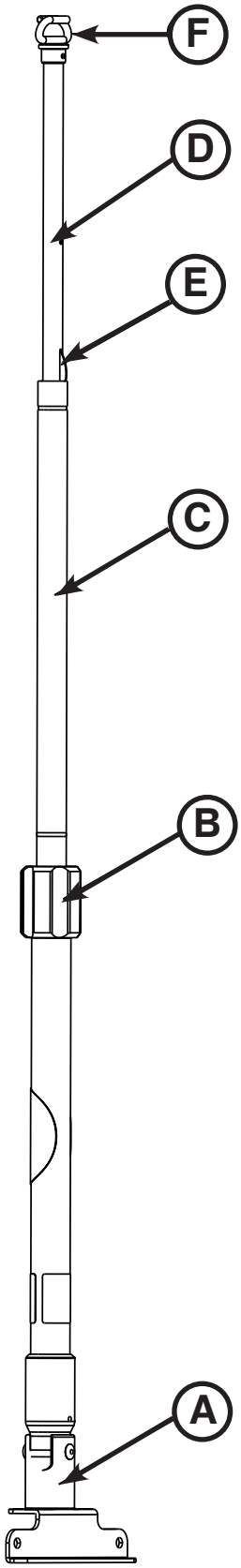


Figure 64

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ATTACHING AN OXYGEN BOTTLE TO AN OXYGEN BOTTLE HOLDER

To attach an oxygen bottle:

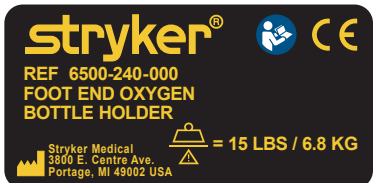
1. Place an oxygen bottle in the holder.
2. Insert the lower strap through the buckle and affix the strap onto itself to secure the oxygen bottle to the holder.

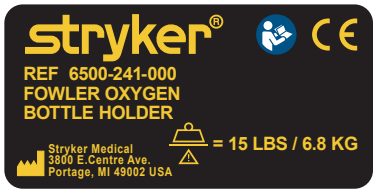
Note: Inspect the straps and clips for wear between use and replace the strap if it is no longer holding the oxygen bottle.

⚠ CAUTION

- To avoid damage to the oxygen bottle holder (if equipped), the weight of the equipment must not exceed 15 lb (6.8 kg).
- Do not use two head end oxygen bottle holders at the same time.
-

Note: The optional fowler oxygen bottle holder (6500-241-000) is not compatible with the optional retractable head section oxygen bottle holder (6085-046-000).





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USING THE 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 65.
2. Tighten both straps (B) around the oxygen bottle.
3. Secure the slack on the straps to the Velcro® on the straps.

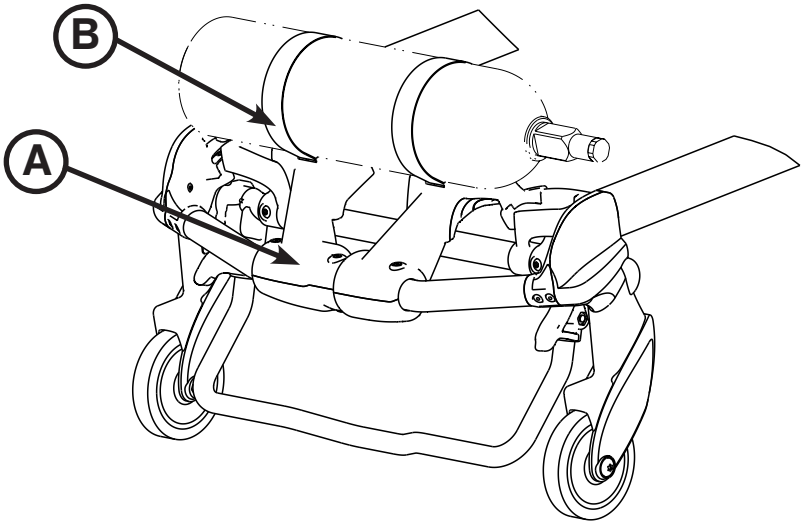

Figure 65

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

⚠ 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 oxygen bottle holder (if equipped), the weight of the equipment must not exceed 15 lb (6.8 kg).
- Do not use two head end oxygen bottle holders at the same time.

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INSTALLING THE BASE STORAGE NET

To install the base storage net, wrap the Velcro® straps around the base tubes.

⚠ CAUTION

- The weight of the equipment in the base storage net (if equipped) must not exceed 20 lb (9 kg).
- Be careful when retracting the base to avoid damaging items stored in the base storage net.

Note: The optional kickstand (6085-102-000) is not compatible with the optional base storage net (6500-160-000).

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INSTALLING THE BACKREST STORAGE POUCH

Install the optional backrest storage pouch using the Velcro® straps as shown in Figure 66. Insert each strap through a hole in the backrest skin and mount the pouch flat against the backrest.

⚠ 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 lb (9 kg).

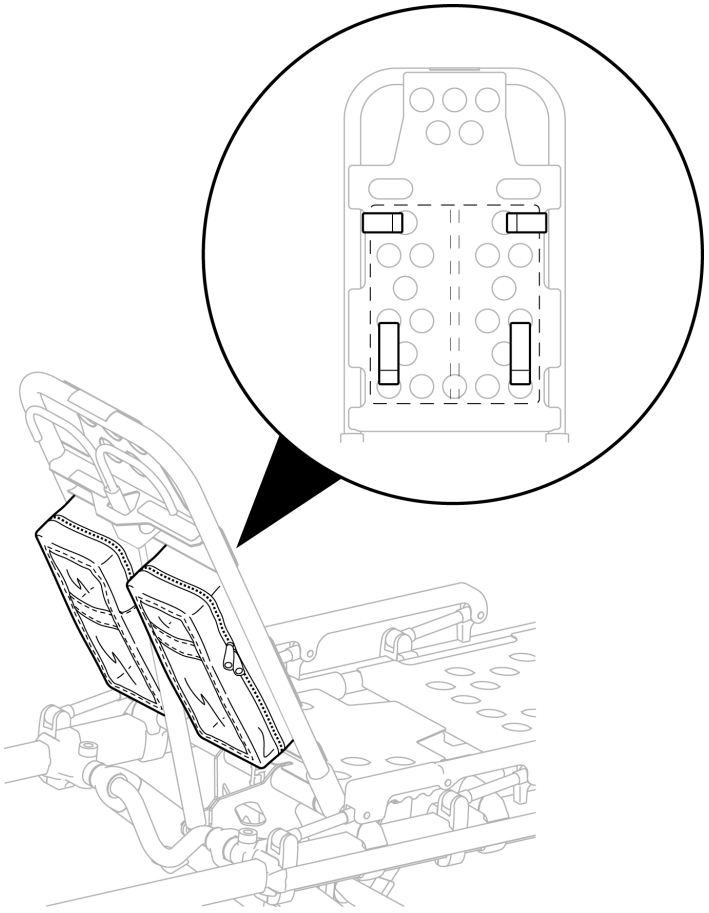

Figure 66

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INSTALLING THE HEAD END STORAGE FLAT

⚠ 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.

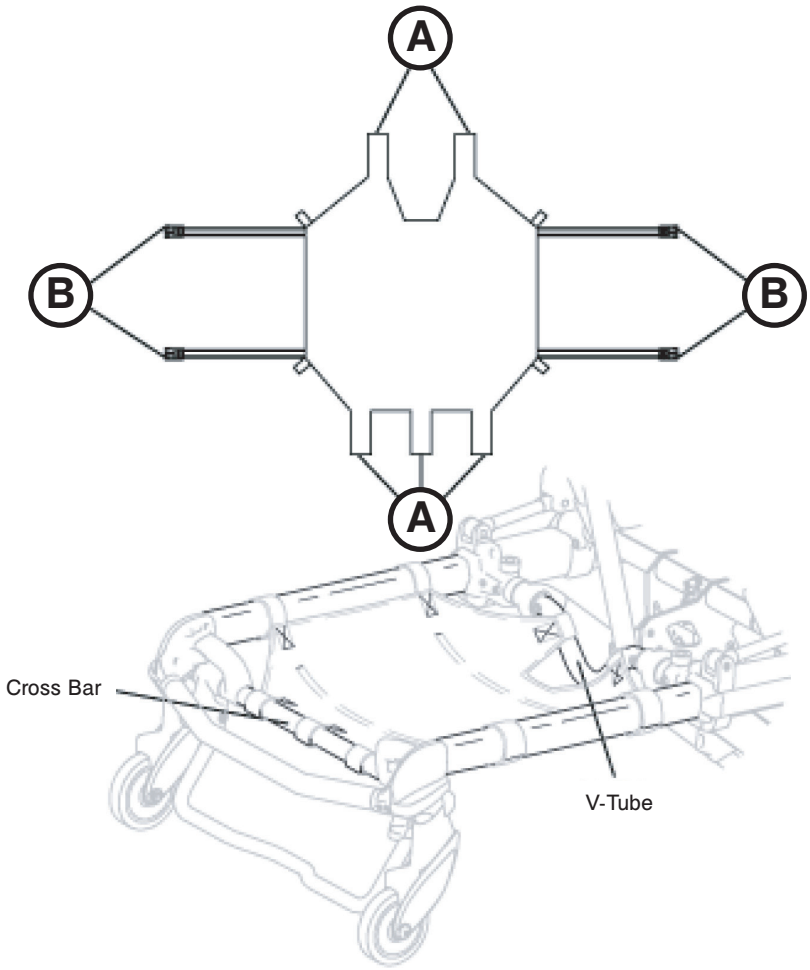

Figure 67

To install the optional head end storage flat (see Figure 67):

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

⚠ CAUTION

The weight of the equipment in the head end storage flat (if equipped) must not exceed 40 lb (18 kg).

USING THE TRANSFER FLAT

When transferring larger patients, use of the Transfer Flat (6005-001-001) is recommended.

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ATTACHING THE MATTRESS

You have two mattress options for use with this unit. Use the standard gatch bolster mattress (6506-034-000) with the standard siderail. Use the wider gatch bolster mattress (6500-003-130) with the optional eXpandable patient system (XPS).

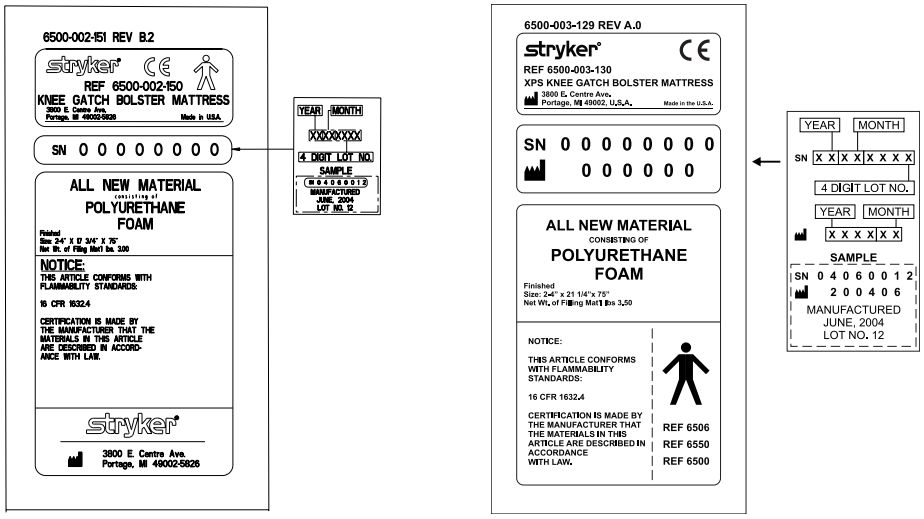
To attach the mattress to the cot:

1. Align the Velcro® on the back of the mattress with the Velcro® on the cot litter.
2. Attach the strap at the foot end of the mattress through the two holes in the foot end skin on the cot litter.
3. Pull the strap through the buckle and attach the Velcro® to secure the strap.

Note: The optional gatch bolster mattress for XPS (6500-003-130) is not compatible with the standard siderail (6086-058-000).

⚠ CAUTION

Do not store items under the cot mattress. Storing items under the mattress can interfere with the operation of the cot.



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Cleaning

The **Performance-PRO™** XT cot is designed to be power washable. 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.

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.

WASHING PROCEDURE

- Follow the cleaning solution manufacturer's dilution recommendations exactly.
- The preferred method Stryker Medical recommends for power washing the cot is with the standard hospital surgical cart washer or hand held wand unit.

WASHING LIMITATIONS

⚠ WARNING

When cleaning, 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

- DO NOT STEAM CLEAN OR ULTRASONICALLY CLEAN THE UNIT.
- Maximum water temperature should not exceed 180˚F/82˚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.
- Allow cot to air dry.
- Towel dry all casters and interface points.
- Failure to comply with these instructions may invalidate any/all warranties.

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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.

Suggested cleaners for the cot surfaces and restraint straps:

- 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)

Note: Do not immerse the restraint strap metal buckle components in water. Rinse with clean water. Allow to air dry.

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

⚠ 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 EMS equipment, measures must be taken to ensure the cots are wiped with clean water and thoroughly dried following cleaning. Failure to properly rinse and dry the cots will leave a corrosive residue on the surface of the cots, possibly causing premature corrosion of critical components.

Note: Failure to follow the above directions when using these types of cleaners may void this product's warranty (see page 171).

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 unit to service.

⚠ WARNING

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

Preventive Maintenance

Preventive maintenance should be performed at a minimum of annually. A preventive maintenance program should be established for all Stryker Medical equipment. Preventive 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 page 61.
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 66 to keep up to date maintenance records.

CHECKLIST

_____ All fasteners secure (reference 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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REGULAR INSPECTION AND ADJUSTMENTS

Maintenance Intervals

Use this schedule as a general guide for 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. Check each routine and replace damaged or worn parts if necessary.

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 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	
	Inspect the fowler bumper and screws				X
	Inspect the dead stop (6085-001-094) for wear. Replace if necessary		X		
Mattress	Verify no cracks or tears on cot mattress			X	
Restraints	Inspect patient restraints for proper function and no excessive wear (bent or broken receiver or latch plate, torn or frayed webbing, etc.)	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 (reference assembly drawings)		X		
	Verify that the cot retaining post is secure. If not secure, replace the screw. See “Cot Retaining Post Screw Replacement” on page 72.			X	
	Verify no excessive damage to X-frame guards			X	

Item	Routine	Every (whichever comes first)			
		One month	Three months	Six months	12 Months
Wheels	Verify wheels are free of debris			X	
	Verify rubber is 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 (reference assembly drawings)		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. Pull toward the head section to ensure that it swings and rotates freely and pulls back to home position.	X			
Accessories	Inspect the straps and clips on the retractable head section oxygen bottle holder (optional) for wear				X
	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 Flow® lubrication			X	

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Maintenance Record

Date	Maintenance Operation Performed	By	Hours

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Training Record

	Training Date		Training Method
Trainee Name	Basic Training	Refresher Update	Owner’s Manual, In-Service, Formal Class, Etc.

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Quick Reference Replacement Parts List

The parts and accessories listed on these pages 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 for availability and pricing.

Part Name	Part Number
Dead Stop	6085-001-094
Gas Spring	1010-031-077
Head Extension - Pillow Only	6100-045-000
Head Section	6500-002-020
I.V. Pole, Two-Stage, Right	6500-310-000
I.V. Pole, Two-Stage, Left	6500-311-000
I.V. Pole, Two-Stage, Dual	6500-312-000
I.V. Pole, Three-Stage, Right	6500-315-000
I.V. Pole, Three-Stage, Left	6500-316-000
I.V. Pole, Three-Stage, Dual	6500-317-000
Kit, Retractable Head Section Oxygen Bottle Holder	6085-700-003
Label, “Lift Here”	6080-090-108
Label, Side Release	6085-001-159
Label, Slider Housing	6085-101-156
Mattress	6506-034-000
Mattress, XPS Option	6500-003-130
Restraint Belt Extension	6082-160-050
Restraint, Leg	6500-001-395
Restraint, Waist	6500-001-393
Restraint Package, Domestic	6500-002-030
Restraint, Shoulder Harness	6500-001-391
Safety Hook, J	6092-936-018
Safety Hook, Long	6060-936-018
Safety Hook, Short	6060-936-017
Sensor Housing Cover	6500-001-199
Siderail, Standard	6082-026-010
Siderail, XPS Option (XPS Siderail and XPS Mattress Kit)	6506-700-004
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

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BACKREST ADJUSTMENT

Tools Required:

- 1/2” Combination Wrench
- 5/32” Hex Wrench
- 3/32” Hex Wrench
- Small Slotted Screwdriver

Procedure:

1. For easier access, move the backrest to 73 degrees.

   Note: Before continuing with the backrest adjustment procedure, 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” hex wrench to remove the set screw (C) in the center of the yoke. Using a small slotted screwdriver, remove the E-clip and pin (D & E) that holds the bottom of the pneumatic cylinder. Thread the cylinder shaft (A) completely into the yoke (B). Replace the E-clip and pin (D & E) and replace the set screw (C) using Loctite®. (Figure 68 and Figure 69)

2. Using a 1/2” combination wrench, loosen the hex nut (F) on the backrest pivot (J) while holding the set screw (H) fixed in the pivot (Figure 69).
3. Using a 5/32” hex wrench, turn the set screw (H) until there is no play between the backrest release handle (K) and the pneumatic cylinder release button (Figure 69).

   Note: Make sure that the backrest travels from flat to at least 73 degrees. If it does not, turn the set screw clockwise 1/2 turn. Repeat until at least 73 degrees of travel is achieved.

4. Lower the backrest to a 5–10 degree angle and release the handle. Apply approximately 50 lb of downward force to the end of the backrest. If the backrest drifts down, turn the set screw counterclockwise. Repeat until the backrest does not drift downward.
5. Using the 1/2” combination wrench, tighten the hex nut (F) while holding the set screw fixed in the pivot (Figure 69).
6. Verify proper operation of the unit before returning it to service.

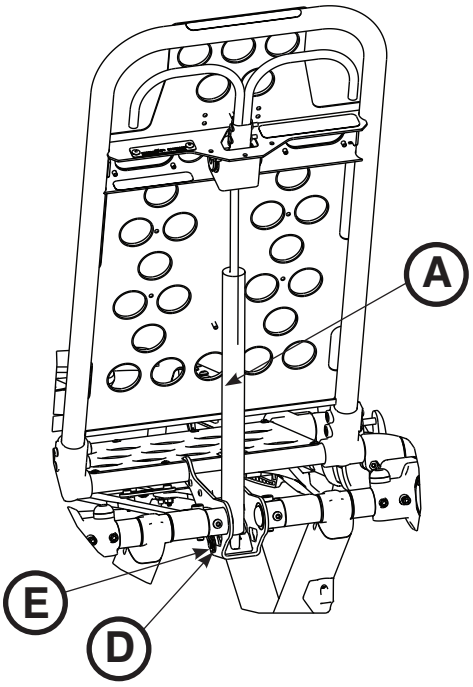

Figure 68

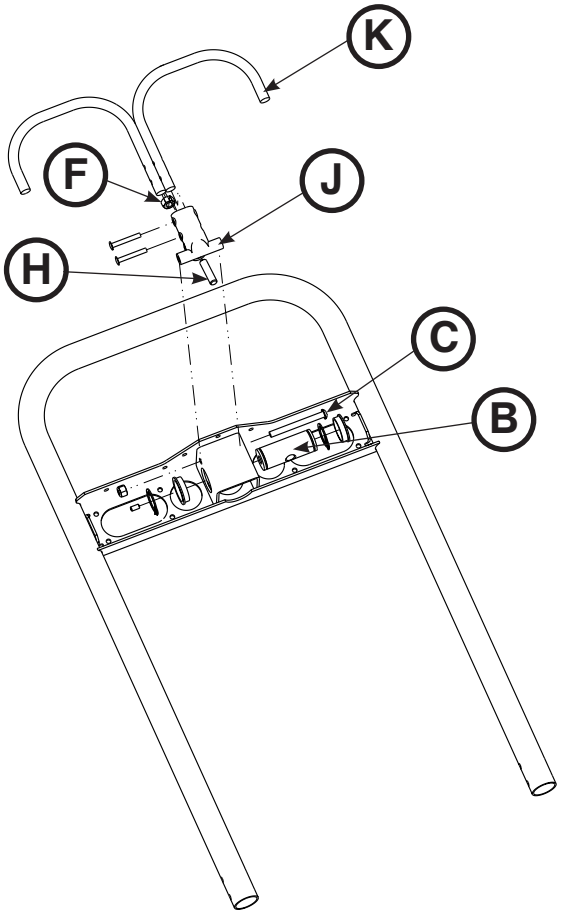

Figure 69

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WHEEL LOCKING FORCE ADJUSTMENT

Tools Required:

- 5/32” Hex Wrench
- 7/16” Combination Wrench or Socket

Procedure:

1. Using the 5/32” hex wrench and 7/16” combination wrench or socket, 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) (Figure 70).
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 (Figure 70).
3. Using the 5/32” hex wrench and 7/16” combination wrench or socket, reinstall the socket screw.
4. Test the pedal locking force and verify that the pedal holds properly before returning it to service.

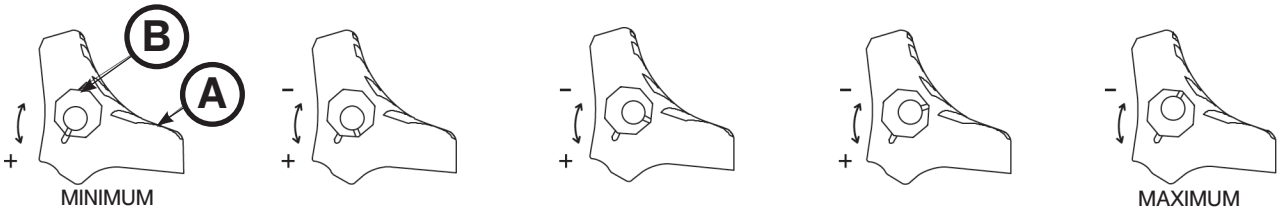

Figure 70

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COT RETAINING POST ADJUSTMENT

Tools Required:

- T30 Torx Driver

⚠ CAUTION

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

Procedure:

1. Using a T30 Torx driver, remove the two socket head cap screws (A) that hold the brackets (B) to the base frame (C) (Figure 71). Save both screws for reinstallation.
2. Turn the bottom bracket 180˚.
3. Using a T30 Torx driver, reinstall the two socket head cap screws that were removed in step 1.
4. Verify proper operation of the unit before returning it to service.

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

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

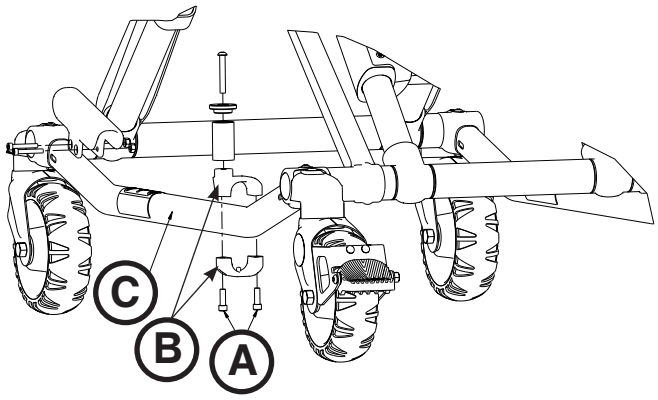

Figure 71

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COT RETAINING POST REPLACEMENT

Tools Required:

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

Procedure:

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

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

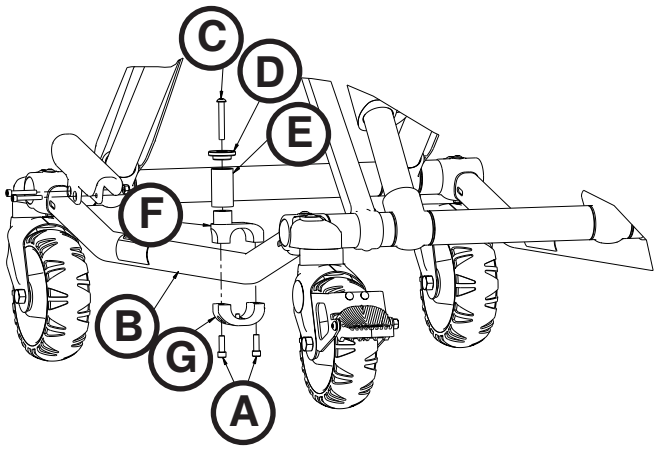

Figure 72

3. Using a T30 Torx driver, remove the two socket head cap screws (A) that secure the current cot retaining post to the base tube (B) (Figure 72). Discard the screws and cot retaining post.
4. Insert the button head cap screw (C) through the retaining post cap (D) and post tube (E), and then into the top pin bracket (F) (Figure 72).
5. Using a 5/32” hex wrench, tighten the button head cap screw (C) completely to secure the retaining post cap (D) and post tube (E) to the top pin bracket (F) (Figure 72). Using a torque wrench, torque the screw to 100-140 in-lb.
6. Assemble the cot retaining post across the base tube. Align the holes of the brackets and insert two socket head cap screws (A) into the threaded holes of the bottom pin bracket (G) (Figure 72).
7. Using a T30 Torx driver, tighten the two socket head cap screws completely.
8. Verify proper operation of the unit before returning it to service.

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

COT RETAINING POST SCREW REPLACEMENT

Tools Required:

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

Procedure:

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

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

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

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HEADSECTION REPLACEMENT

Tools Required:

- 7/16” Combination Wrench
- 3/16” Hex Wrench

Procedure:

1. Raise the cot and the backrest to the full upright position.
2. Using a 7/16” combination wrench and a 3/16” hex wrench, remove the two screws (A) that secure the cap bearings to the base litter interface bracket (one on each side) (Figure 73).
3. Squeeze the head release handles and slowly remove the head section assembly.
4. Reverse steps to reinstall.
5. Verify proper operation of the unit before returning it to service.

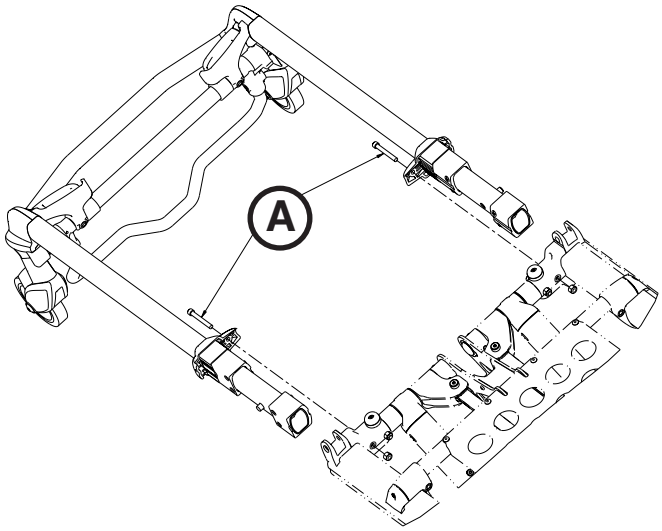

Figure 73

BACKREST GAS CYLINDER REPLACEMENT

Tools Required:

- 3/32” Hex Wrench
- Slotted Screwdriver

Procedure:

1. Raise the cot and the backrest to the full upright position.
2. Using a 3/32” hex wrench, loosen the set screw (A) that holds the gas shaft to the yoke (Figure 74).
3. Using a slotted 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 “Backrest Adjustment” on page 69.
6. Verify proper operation of the unit before returning it to service.

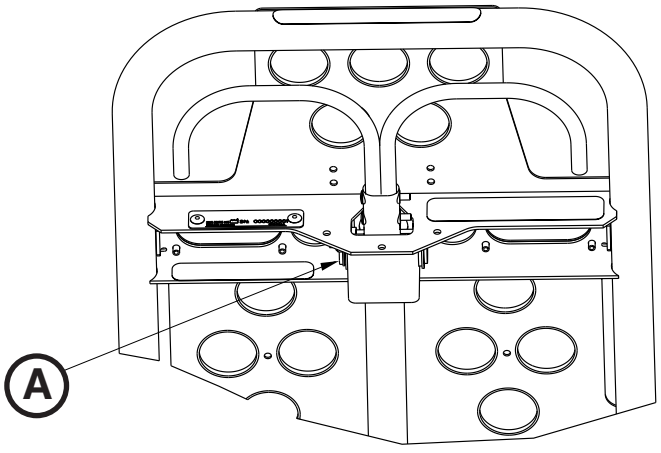

Figure 74

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INNER, INNER TUBE REPLACEMENT

Tools Required:

- (2) Saw Horse
- 3/8” Combination Wrench
- 7/16” Combination Wrench
- T25 Torx Driver
- (2) 9/16” Combination Wrench
- Dead Blow Hammer

Procedure:

1. Using a T25 Torx driver, remove the four button head cap screws (A) from the base stiffener (B) (Figure 75).
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 caster mount bolts (C) that secure the outer lift tube assemblies to the foot base tubes (Figure 76).
5. Using two 9/16” combination wrenches and a dead blow hammer, remove the base connecting rod (D) and centerlock hex jam nut (E).

   Note: Save the bearings (F) that fall out. (Figure 78).

6. Remove the outer base tube weldment (G) on the side that is damaged. Leave the opposite side on to support the X-frame (Figure 77).
7. Slide the foot base tubes (H) through the X-frame legs to loosen the X-frame (Figure 77).

   Note: The opposite side will still have the outer base tube and foot base tubes attached to the X-frame.

8. Remove the inner tube and save the bushings (J) to reuse on the new tube (Figure 77).
9. Reverse the above procedures to install the new inner tube.
10. Verify proper operation of the unit before returning it to service.

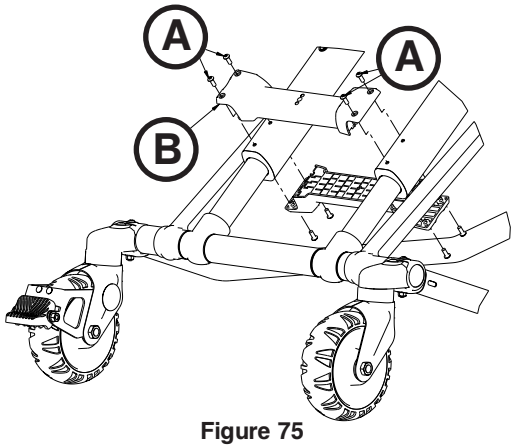

Figure 75

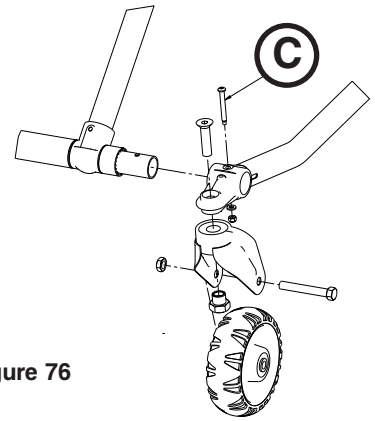

Figure 76

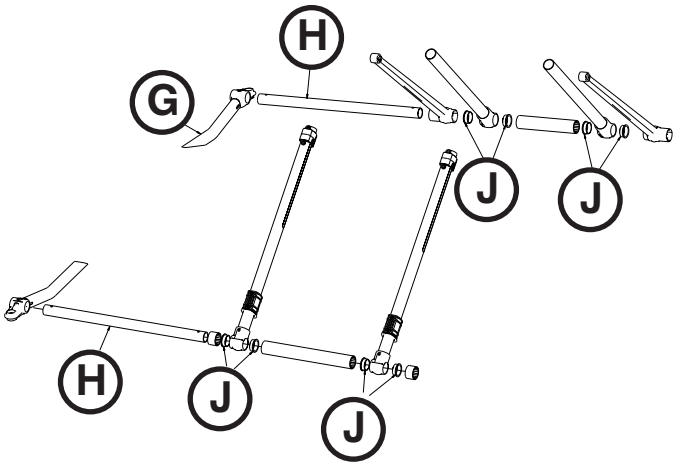

Figure 77

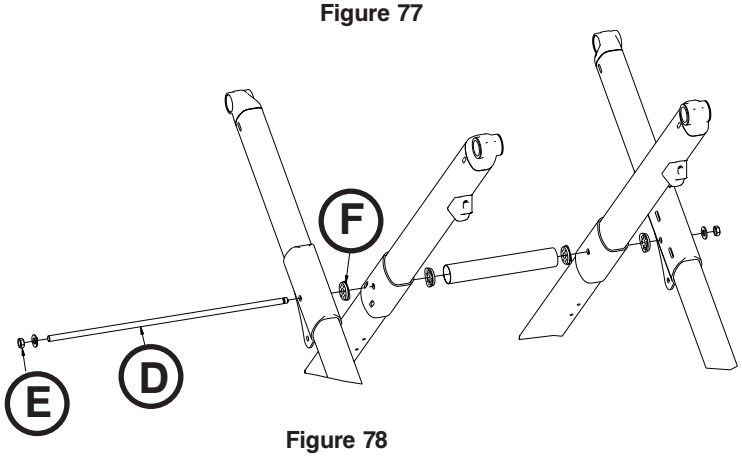

Figure 78

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OUTER, INNER TUBE REPLACEMENT

Tools Required:

- (2) Saw Horse
- 3/8” Combination Wrench
- 7/16” Combination Wrench
- T25 Torx Driver
- (2) 9/16’ Combination Wrench
- Dead Blow Hammer
- T27 Torx Driver
-

Procedure:

1. Complete steps 1-7 from “Inner, Inner Tube Replacement” on page 74.
2. Using a T27 Torx driver, remove the truss head screw (A) that secures the X-frame guard (B) to the inner tube (see Figure 79)
3. Using a T25 Torx driver, remove the two button head cap screws (C) that secure the tube bearing (Figure 80).
4. Remove the inner tube and save the tube bushings to reuse on the new tube.
5. 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.

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

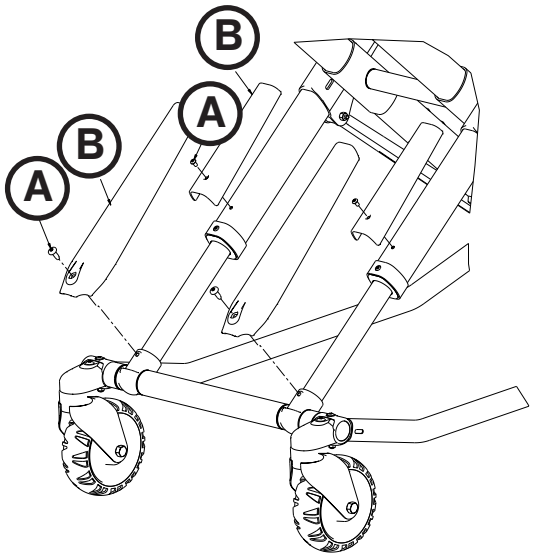

Figure 79

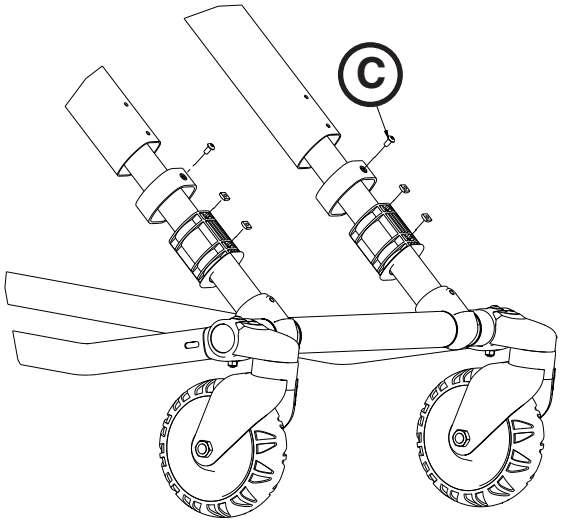

Figure 80

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OUTER, OUTER TUBE REPLACEMENT

Tools Required:

- (2) Saw Horse
- 3/8” Combination Wrench
- 7/16” Combination Wrench
- T25 Torx Driver
- (2) 9/16” Combination Wrench
- Dead Blow Hammer
- 3/16” Allen Wrench
- 1/2” Combination Wrench
- Needle Nose Pliers

Procedure:

1. Complete steps 2-7 from “Inner, Inner Tube Replacement” on page 74.
2. Using a T25 Torx driver, remove the two button head cap screws that secure the tube bearing (see Figure 80 on page 75).
3. Remove the inner tube.
4. Remove the outer tube X-frame guard and set aside to reuse on the new outer tube (see Figure 79 on page 75).
5. 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.
6. 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.
7. Using a 3/16” Allen wrench, remove the four bolts that secure the slider housing and set aside.
8. Remove the outer tube and save the tube bushings to reuse on the new tube.
9. 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.

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

INNER, OUTER TUBE REPLACEMENT

Tools Required:

- (2) Saw Horse
- 3/8” Combination Wrench
- 7/16” Combination Wrench
- T25 Torx Driver
- (2) 9/16” Combination Wrench
- Dead Blow Hammer
- 3/16” Allen Wrench

Procedure:

1. Complete steps 1-7 from “Inner, Inner Tube Replacement” on page 74.
2. Remove the inner tube.
3. Using a T25 Torx driver, remove the screw that secures the base dead stop from the outer tube.
4. 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).
5. Squeeze the head release handles and slowly remove the head section assembly.
6. Using a 7/16” combination wrench and 3/16” Allen wrench, remove the bolt that secures the litter interface bracket.
7. Using a 3/16” Allen wrench, remove the two screws that hold the litter interface bracket together.
8. For the trend option, using a T25 driver, remove the two screws that secure the trend support bracket.
9. For the gatch option, using a T25 driver, remove the four screws that secure the gatch support brackets.
10. Pull outward on the outer rail until the litter interface bracket is off of the litter crosstube.
11. Remove the outer tube from the litter crosstube and save the tube bushings to reuse on the new tube.
12. 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.

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

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SIDERAIL ASSEMBLY REPLACEMENT (STANDARD)

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

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SIDERAIL ASSEMBLY REPLACEMENT (XPS OPTION)

Tools Required:

- T25 Torx Driver
- 1/4” Hex Wrench
- 3/16” Hex Wrench
- Slotted Screwdriver
- Deadblow Hammer
- Torque Wrench (ft-lb)

Procedure:

1. Raise the cot and the fowler to the full upright position.
2. Remove the mattress.
3. Using a T25 Torx driver, remove the button head cap screw (A) and black bumper (B) on the side where you are replacing the siderail (Figure 81). Save the screw and bumper for reinstallation.
4. Using a slotted screwdriver, remove the outer rail bumper.

   Note: When removing the outer rail bumper, hold on to the siderail main assembly, so it does not fall off. Also, note that the head end and middle siderail pivots may be loose and could fall off of the main assembly.

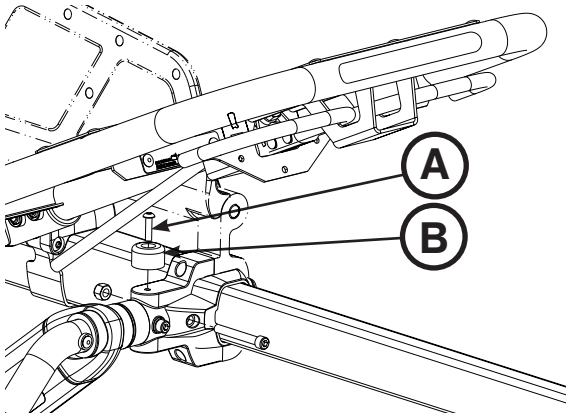

Figure 81

5. Using a 1/4” hex wrench, remove the socket head cap screws (C) that secure the siderail clamp (D) to the ratchet assembly at the foot end of the main assembly (Figure 82). During installation, torque both new screws to 22 ± 3.3 ft-lb.

   Note: The siderail will be loose, so do not operate or pull on the siderail.

6. Using a 3/16” hex wrench, remove the two socket head cap screws (E) that secure the middle siderail clamp (F) to the outer rail assembly (Figure 82).
7. Using a 3/16” hex wrench, remove the two socket head cap screws (G) that secure the top and bottom of the base/ litter interface bracket to the outer rail assembly (Figure 82).
8. Reverse steps to reinstall. Use a deadblow hammer to reinstall the outer rail bumper.
9. Verify proper operation of the unit before returning it to service.

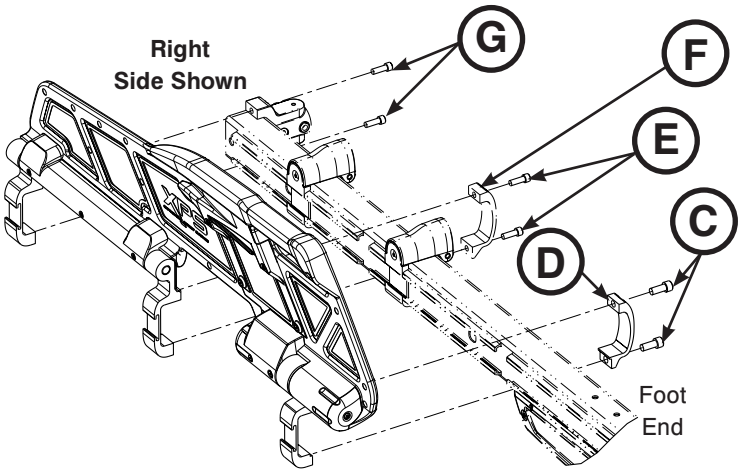

Figure 82

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RATCHET ASSEMBLY REPLACEMENT (XPS OPTION)

Tools Required:

- 3/32” Hex Wrench
- 1/4” Hex Wrench
- 3/16” Hex Wrench
- Torque Wrench (ft-lb)

Procedure:

1. Raise the cot and the fowler to the full upright position.
2. Raise the siderail to the up and locked position.
3. Using a 3/32” hex wrench, remove the two screws (A) that secure the ratchet cover (B) to the ratchet assembly. Remove the cover (Figure 83).
4. Using a 1/4” hex wrench, remove the socket head cap screws (C) that secure the siderail clamp (D) to the ratchet assembly at the foot end of the main assembly (Figure 83). During installation, torque both new screws to 22 ± 3.3 ft-lb.
5. Using a 3/16” hex wrench, remove the four screws (E) that secure the ratchet assembly (F) to the overmold assembly and discard, then remove the ratchet assembly (Figure 83). During installation, torque the four new screws to 9.5 ± 1.5 ft-lb.
6. Grasp the ratchet assembly and pull it toward the head end of the cot to remove.
7. Reverse steps to reinstall.
8. Verify proper operation of the unit before returning it to service.

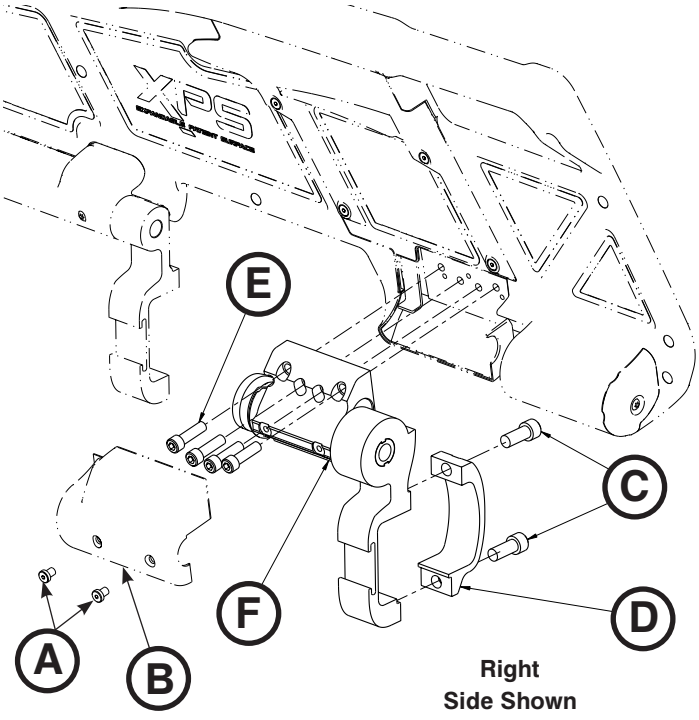

Figure 83

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RELEASE HANDLE ASSEMBLY REPLACEMENT (XPS OPTION)

Tools Required:

- 3/32” Hex Wrench
- Small Slotted Screwdriver

Procedure:

1. Raise the cot and the fowler to the full upright position.
2. Raise the siderail to the up and locked position.
3. Using a 3/32” hex wrench, remove the four screws (A) that secure the release cover (B) to the overmold assembly to remove the release cover (Figure 84).
4. Using a small slotted screwdriver, pry the release handle return spring (C) up to remove the spring (Figure 84).
5. Grasp the release handle assembly (D), and hinge it upward on the spring side to remove it from the cover (Figure 84).
6. Reverse steps to reinstall.
7. Verify proper operation of the unit before returning it to service.

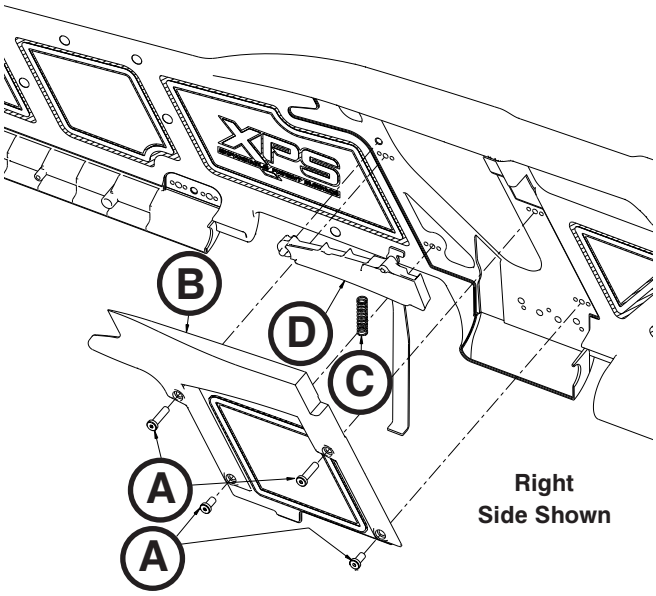

Figure 84

SPRING HANDLE ASSEMBLY REPLACEMENT (XPS OPTION)

Tools Required:

- 3/32” Hex Wrench
- Small Slotted Screwdriver

Procedure:

1. Raise the cot and the fowler to the full upright position.
2. Raise the siderail to the up and locked position.
3. Using a 3/32” hex wrench, remove the four screws (A) that secure the release cover (B) to the overmold assembly to remove the release cover (Figure 84).
4. Using a small slotted screwdriver, pry the release handle return spring (C) up to remove the spring (Figure 84).
5. Reverse steps to reinstall.
6. Verify proper operation of the unit before returning it to service.

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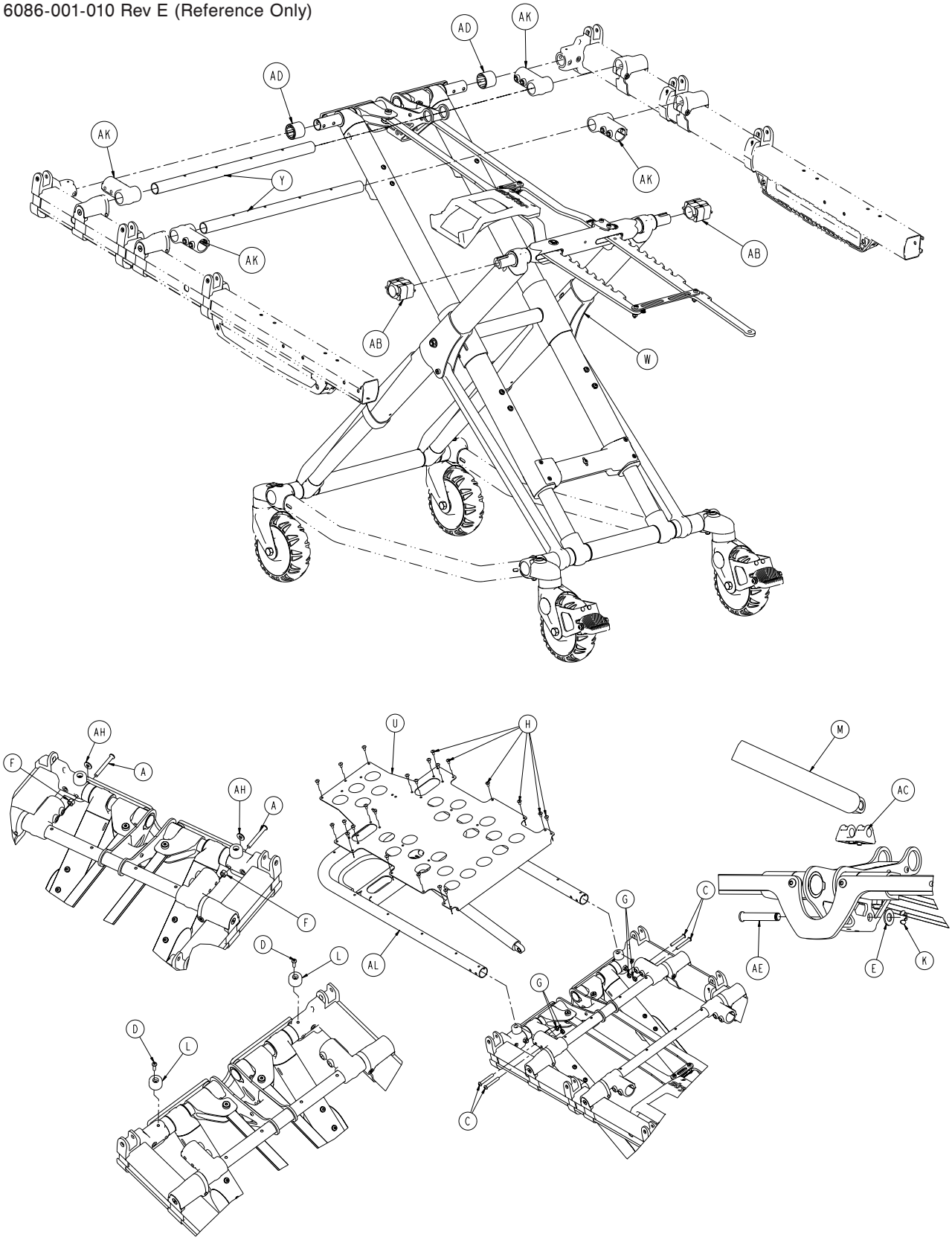
Cot Assembly

6086-001-010 Rev E (Reference Only)



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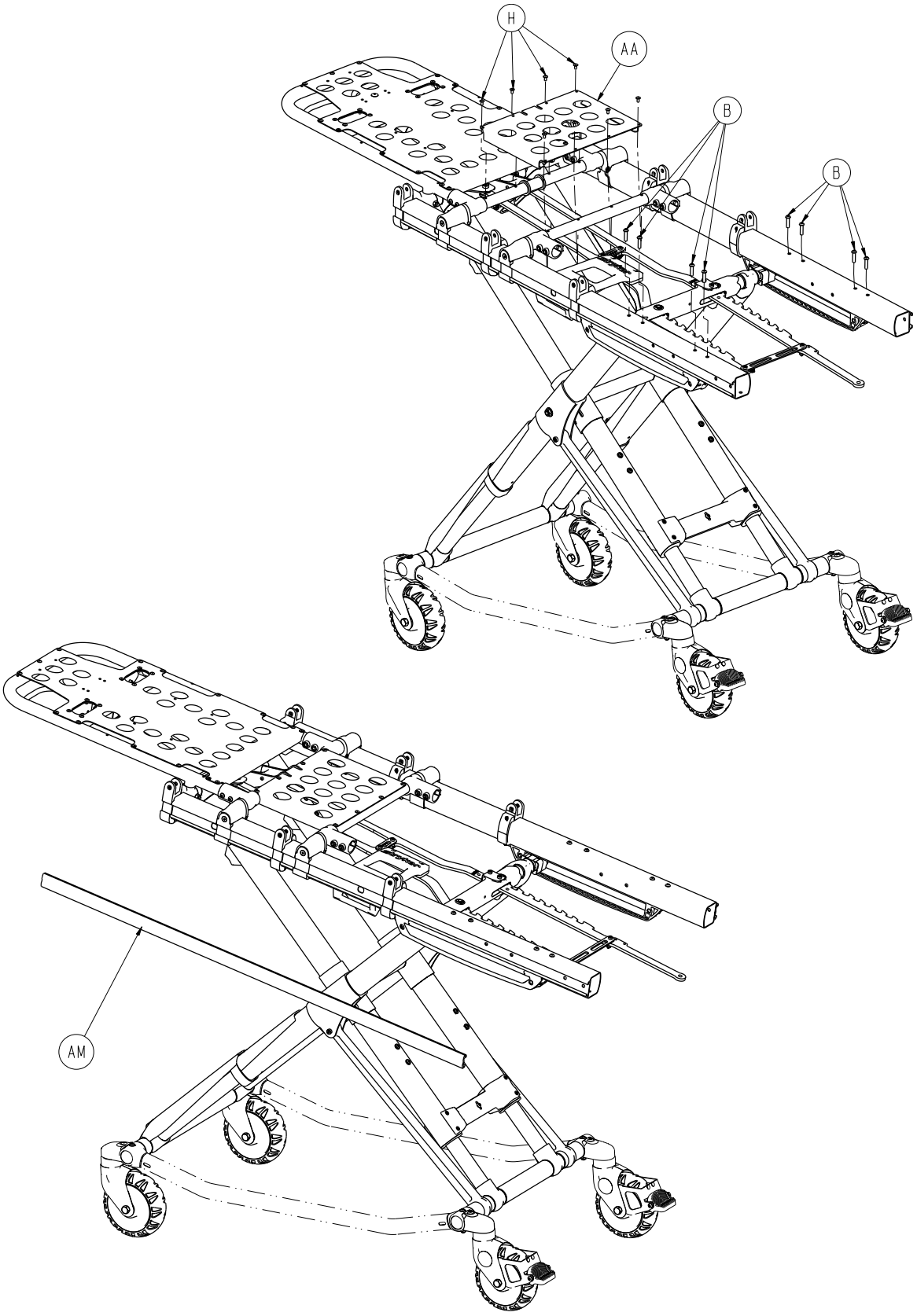
Cot Assembly



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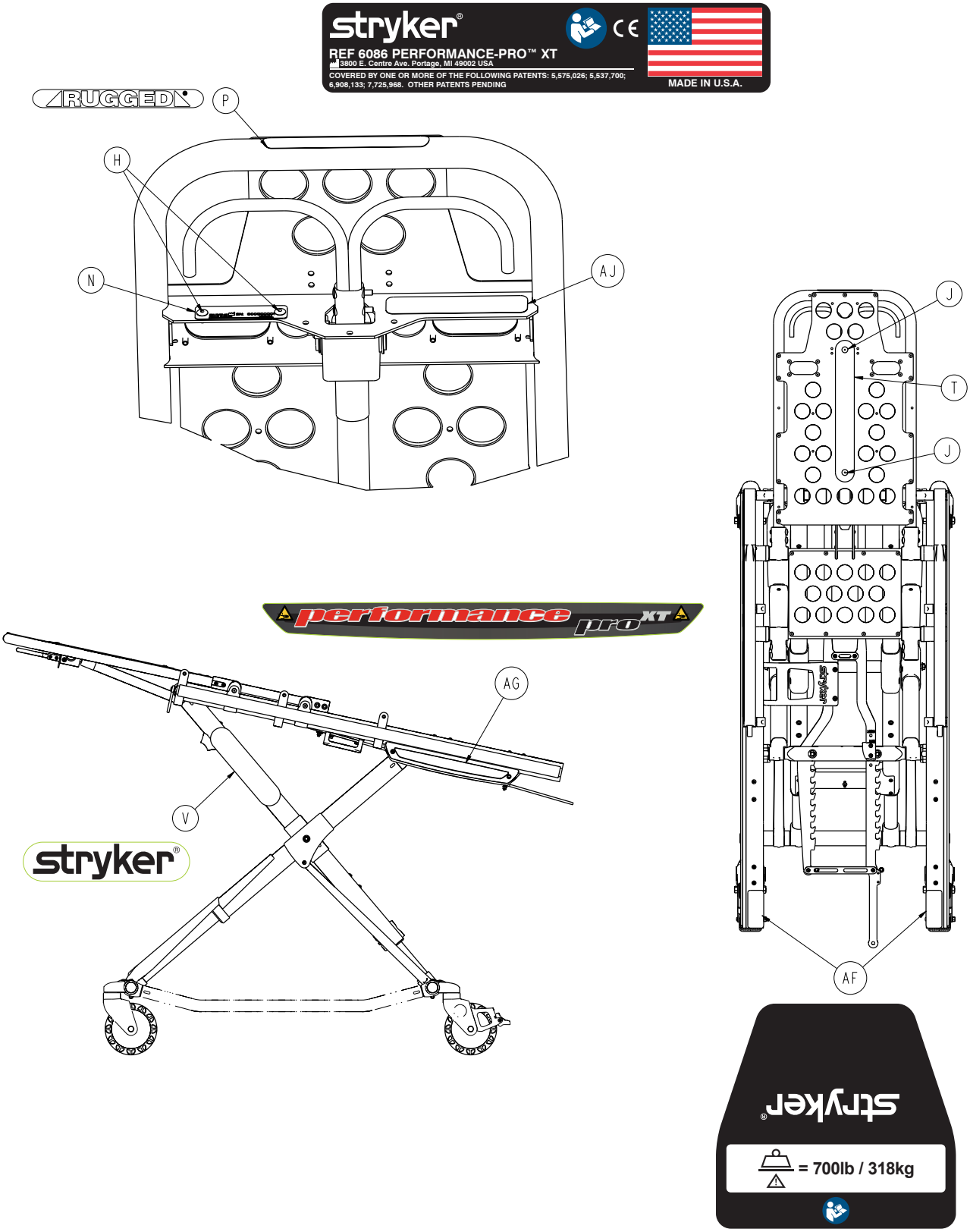
Cot Assembly



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Cot Assembly - 6086-001-010 Rev E (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-163-000	Button Head Cap Screw	2
B	0004-594-000	Button Head Cap Screw	8
C	0004-596-000	Button Head Cap Screw	4
D	0004-614-000	Button Head Cap Screw	2
E	0011-004-000	Washer	1
F	0016-028-000	Fiberlock 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	0056-028-000	Bumper, Black	2
M	6500-031-077	Gas Spring	1
N	6060-090-002	Serial Number Tag	1
P	6060-090-004	Label, Small	1
T	6082-001-085	2” Adhesive Loop Pile	1
U	6082-032-045	Fowler Skin	1
V	6082-090-043	Label, 11”	2
W	6086-001-012	Base Assembly (page 86)	1
Y	6085-001-110	Litter Support Cross Tube	2
AA	6085-001-113	Mid-Section Skin	1
AB	6085-001-127	Rack Bar Slider	2
AC	6085-001-132	Fowler Cylinder Support	1
AD	6085-001-134	Plastic Extrusion - Spacer	2
AE	6085-101-143	Fowler Cylinder Pin	1
AF	6085-101-155	Label, Weight Capacity	2
AG	6085-101-156	Label, Slider Housing	2
AH	6085-001-177	Litter/Base Spacer - Small	2
AJ	6086-101-100	Label, **Performance-PRO™ XT** Spec	1
AK	6100-003-125	Straight “T” Pivot	4
AL	6500-001-018	Fowler Assembly (page 128)	1
AM	6500-001-127	Outer Rail Bumper	2

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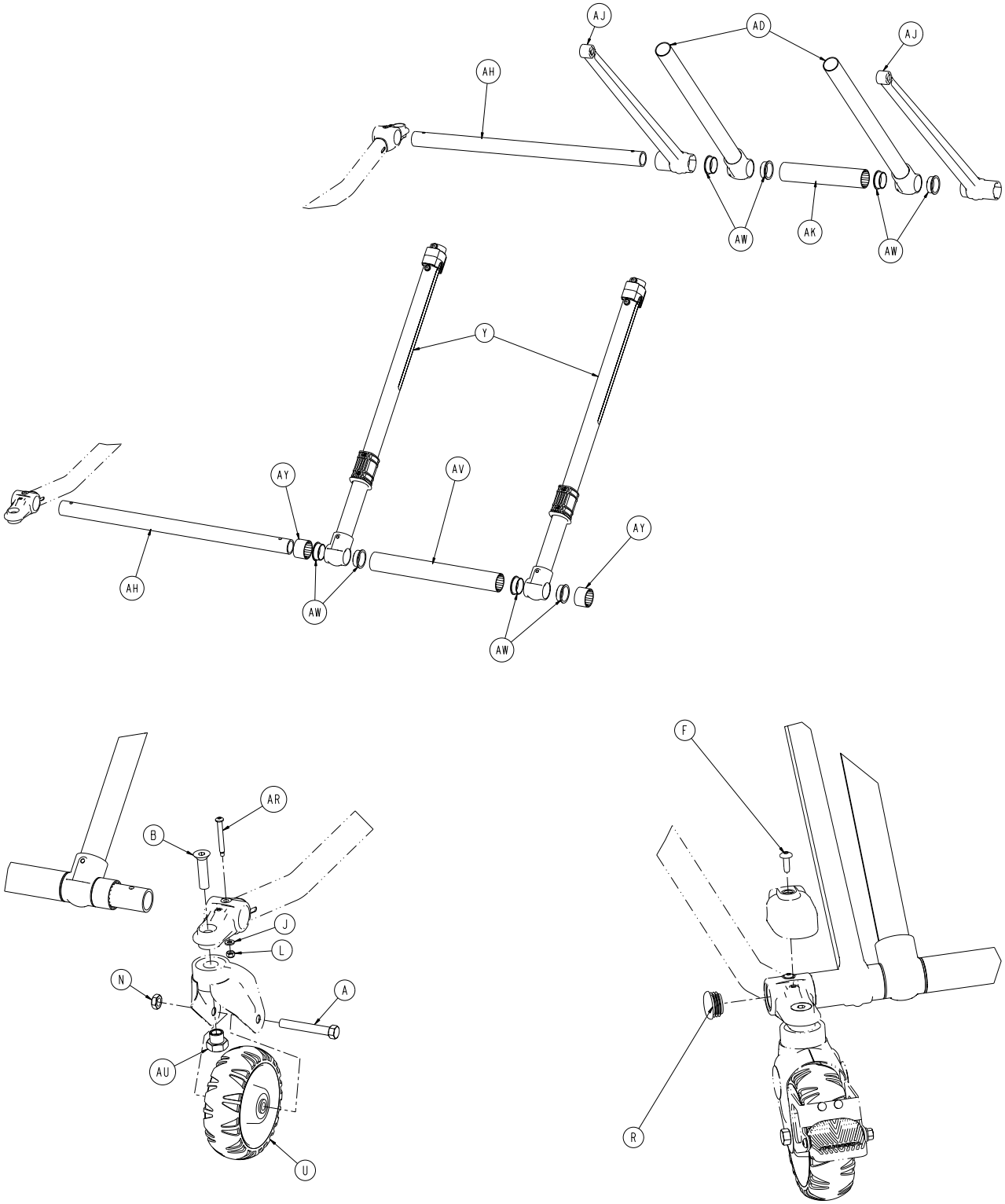
Base Assembly

6086-001-012 Rev A (Reference Only)



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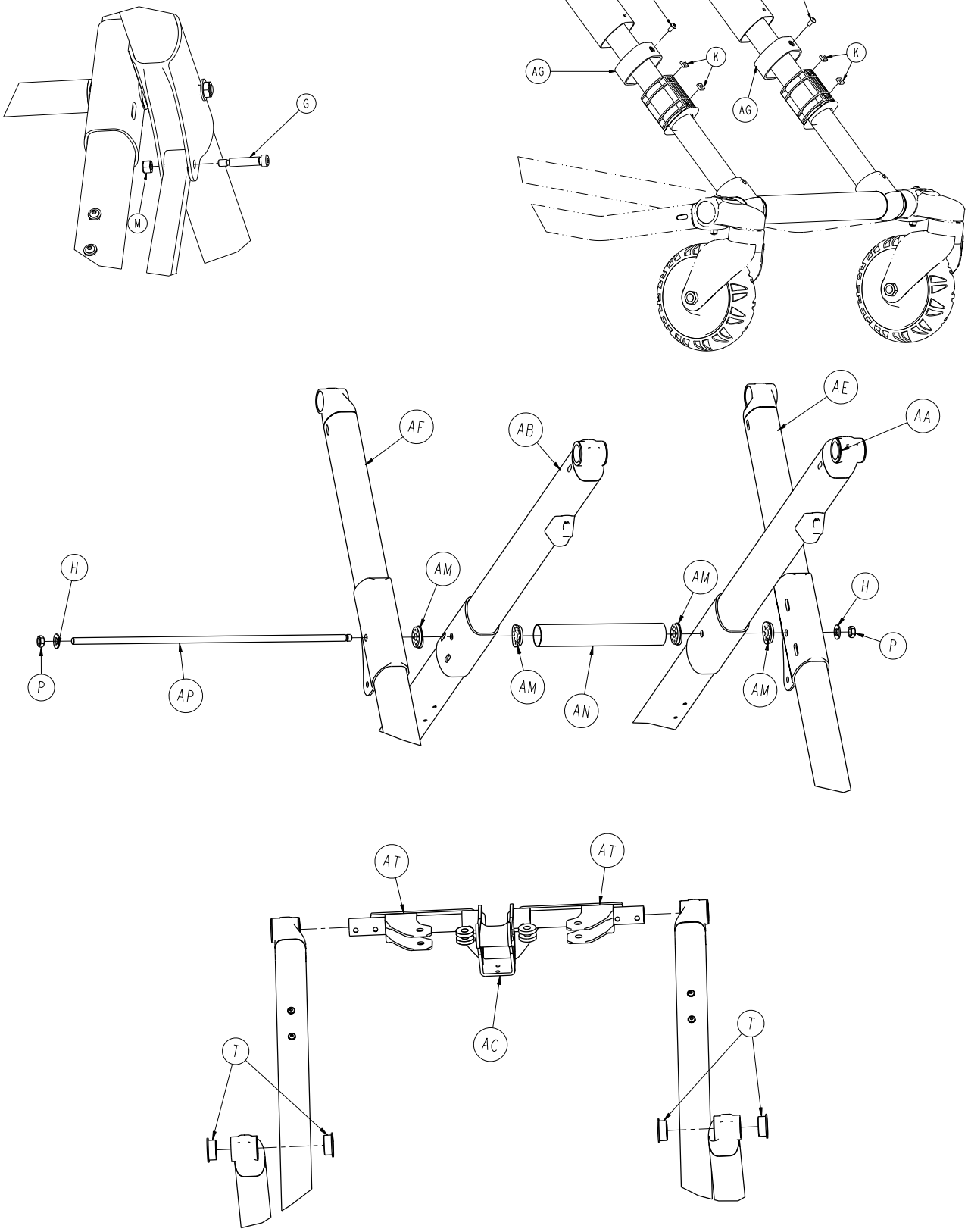
Base Assembly



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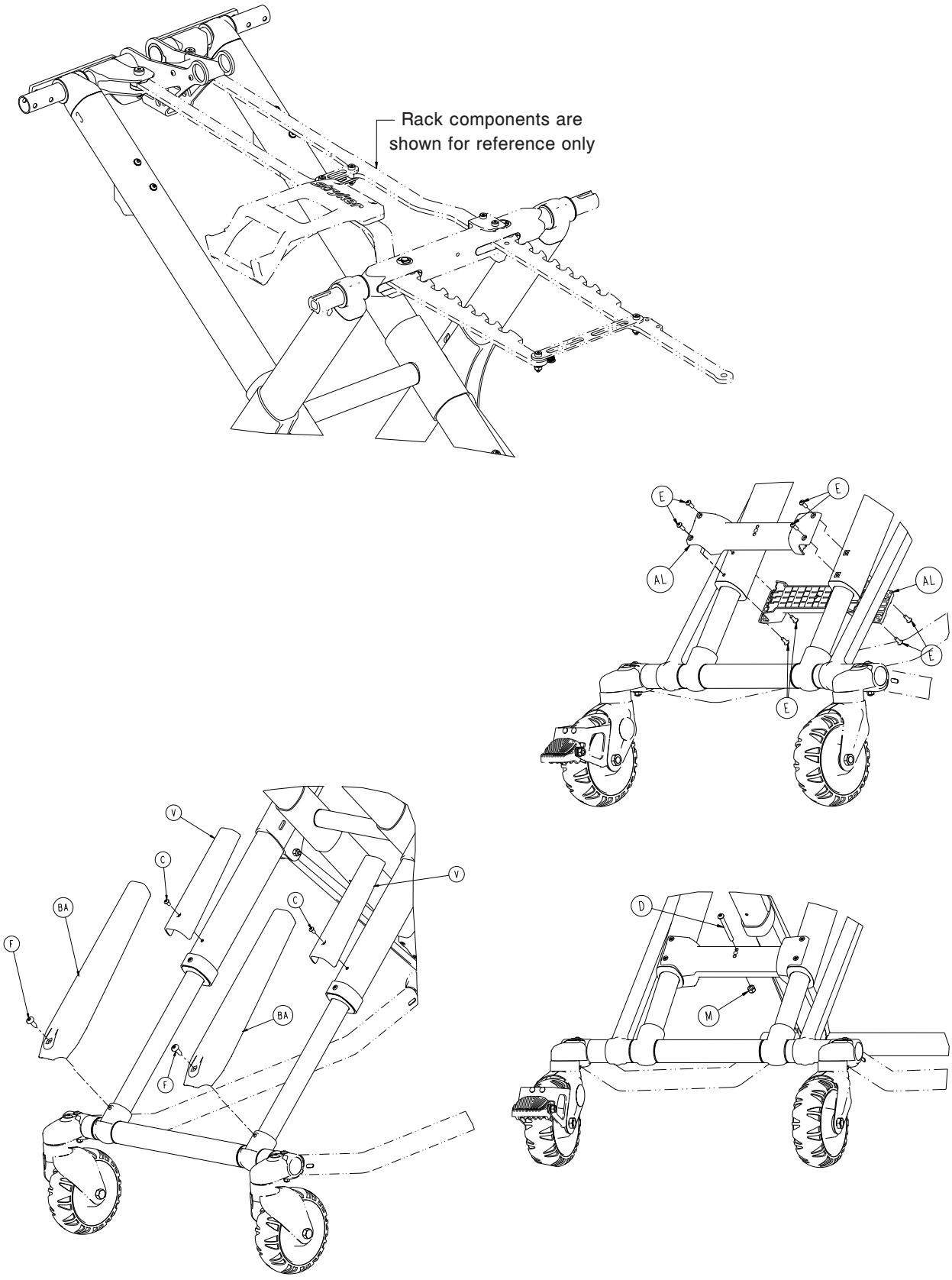
Base Assembly



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Base Assembly - 6086-001-012 Rev A (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 (page 96)	4	
V	6500-001-180	X-Frame Guard Assembly	2	
Y	6085-001-017	Inner Leg Assembly (page 24)	2	
AA	6085-001-023	Outer Lift Tube Assy, Right (page 102)		1
AB	6085-001-024	Outer Lift Tube Assy, Left (page 19)	1	
AC	6085-001-026	Litter Base Assembly (page 22)	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	
AG	6500-001-228	Inner Lift Tube Sleeve	2	
AH	6500-001-229	Foot Base Tube	2	
AJ	6085-101-082	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	6500-001-178	Outer Base Spacer, Head End	2	
BA	6500-001-179	Lower X-Frame Guard	2	
BB	6500-001-183	Plastic Extrusion - Spacer	2	
BC	6500-001-230	Plastic Extrusion - Spacer	1	

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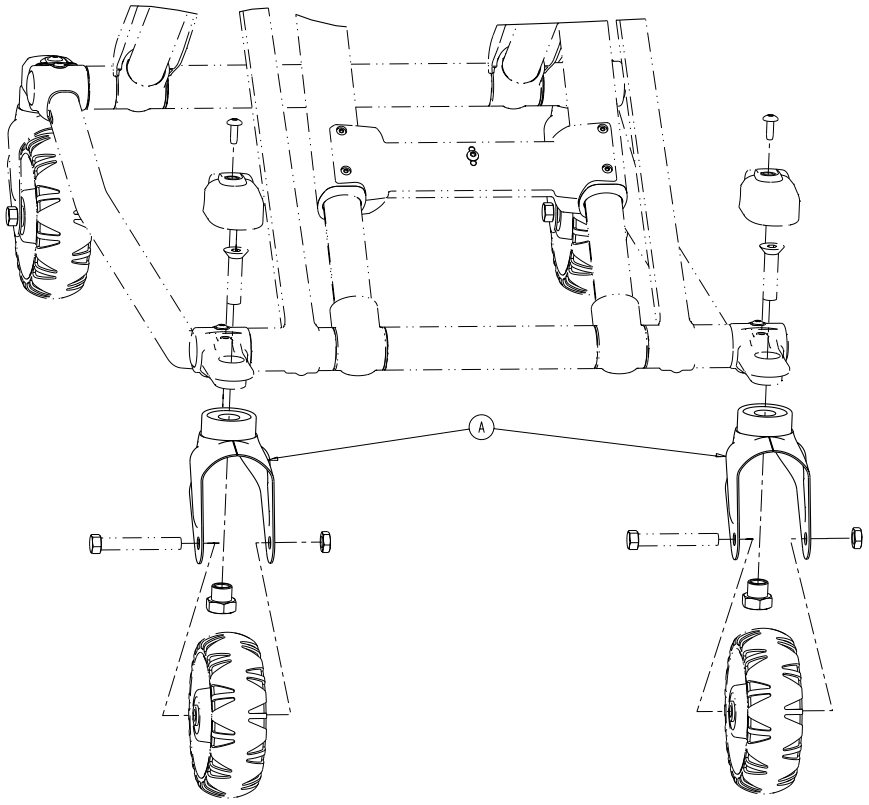
No Wheel Lock Option

6086-500-010 Rev A (Reference Only)



Item	Part No.	Part Name	Qty.
A	6082-002-012	Caster Horn Assembly (page 93)	2

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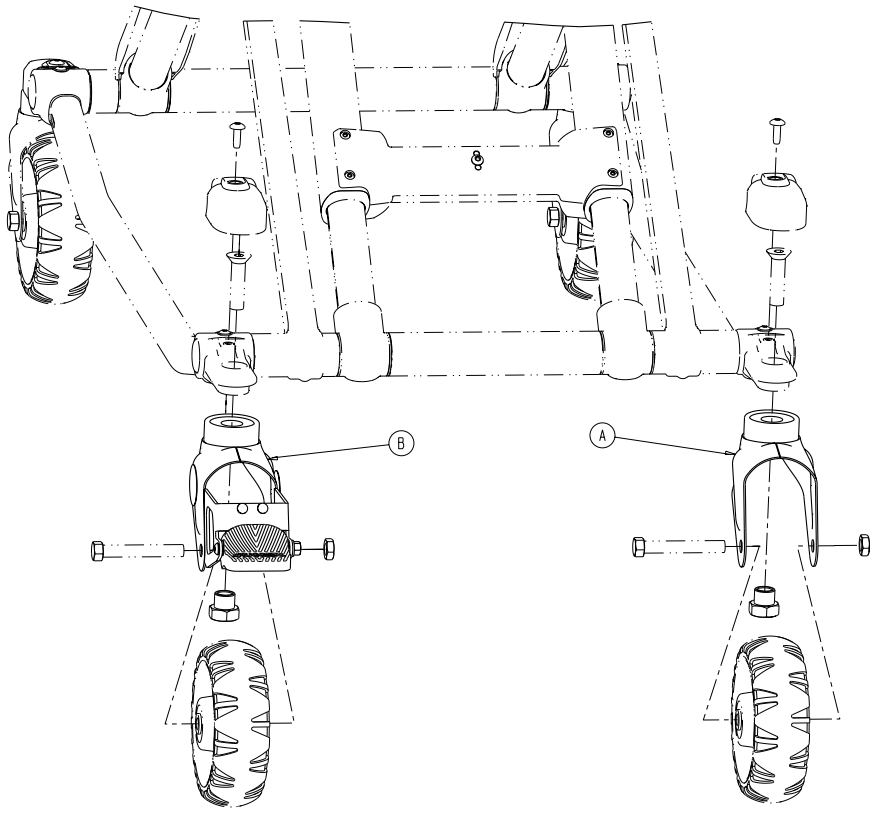
Single Wheel Lock Option

6086-601-010 Rev A (Reference Only)



Item	Part No.	Part Name	Qty.
A	6082-002-012	Caster Horn Assembly (page 93)	1
B	6086-200-010	Adjustable Caster Lock Assembly (page 94)	1

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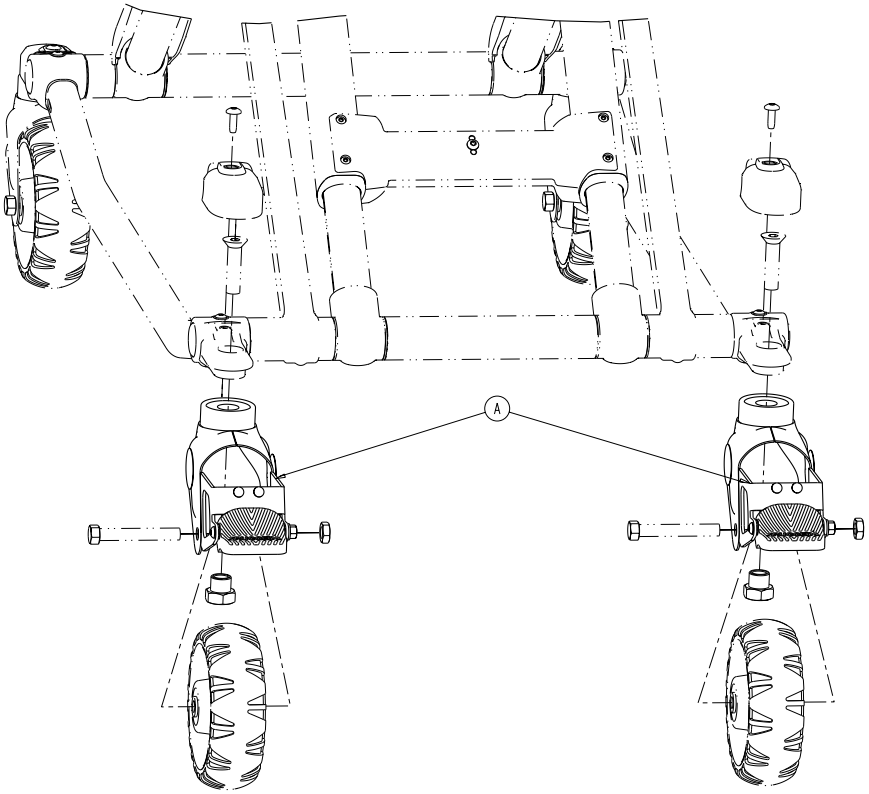
Dual Wheel Lock Option

6086-602-010 Rev A (Reference Only)



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

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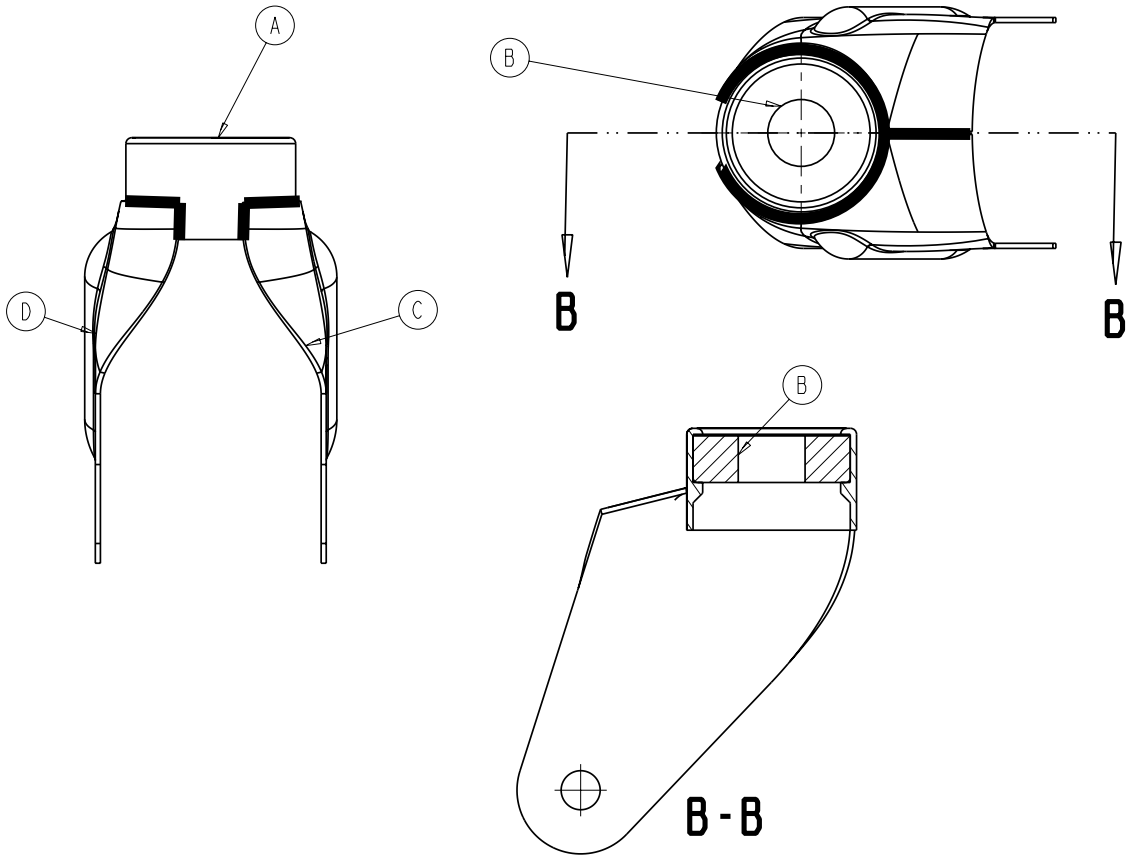
Caster Horn Assembly

6082-002-012 Rev C (Reference Only)



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

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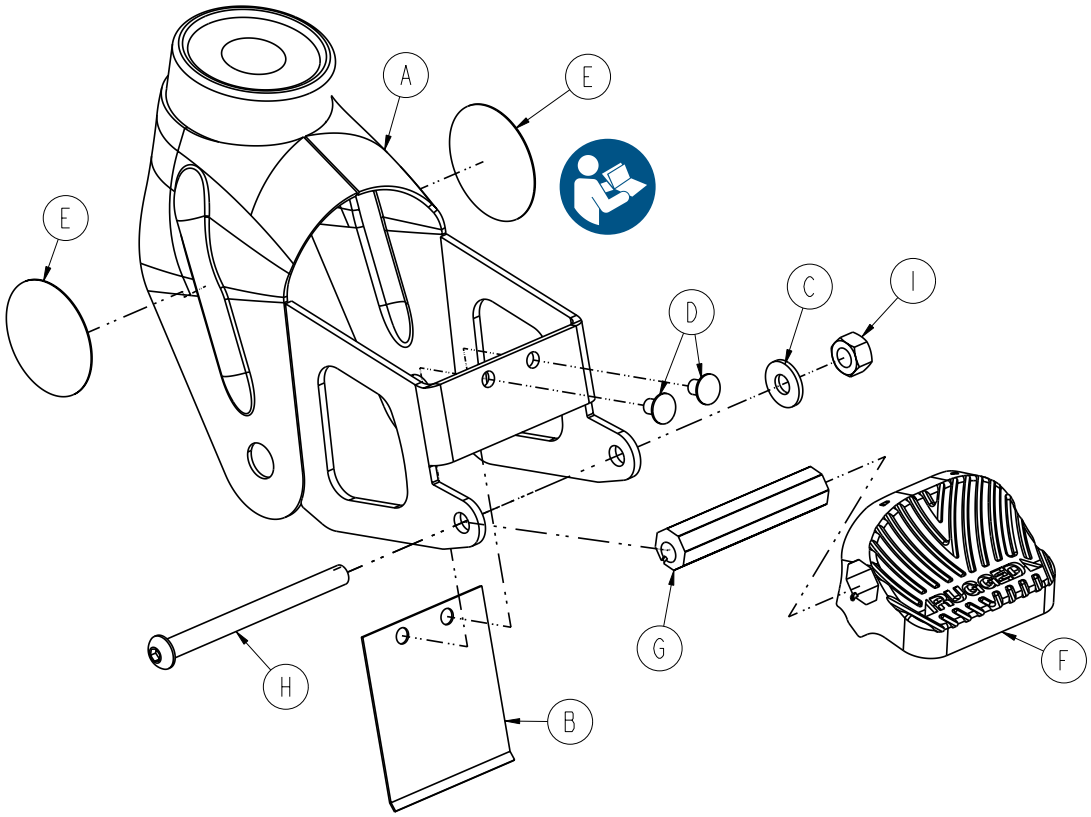
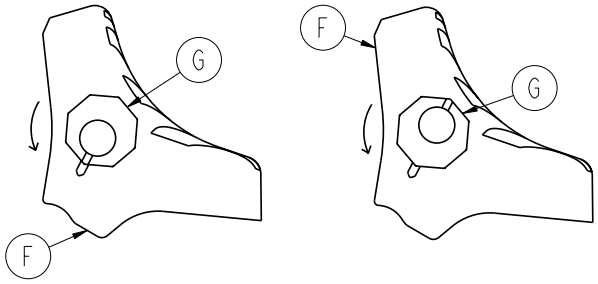
Adjustable Caster Lock Assembly

6086-200-010 Rev A (Reference Only)





Item	Part No.	Part Name	Qty.
A	6082-100-012	Caster Horn	1
B	6080-100-032	Spring	1
C	0011-456-000	Washer	1
D	0025-153-000	Semi-Tubular Rivet	2
E	6506-001-900	Label	2
F	6080-300-030	Pedal, Adjustable Caster Lock	1
G	6080-200-041	Octagonal Sleeve, Adj Caster Lock	1
H	0004-098-000	Hex Socket Button Head Cap Screw	1
I	0016-118-000	Centerlock Nut	1

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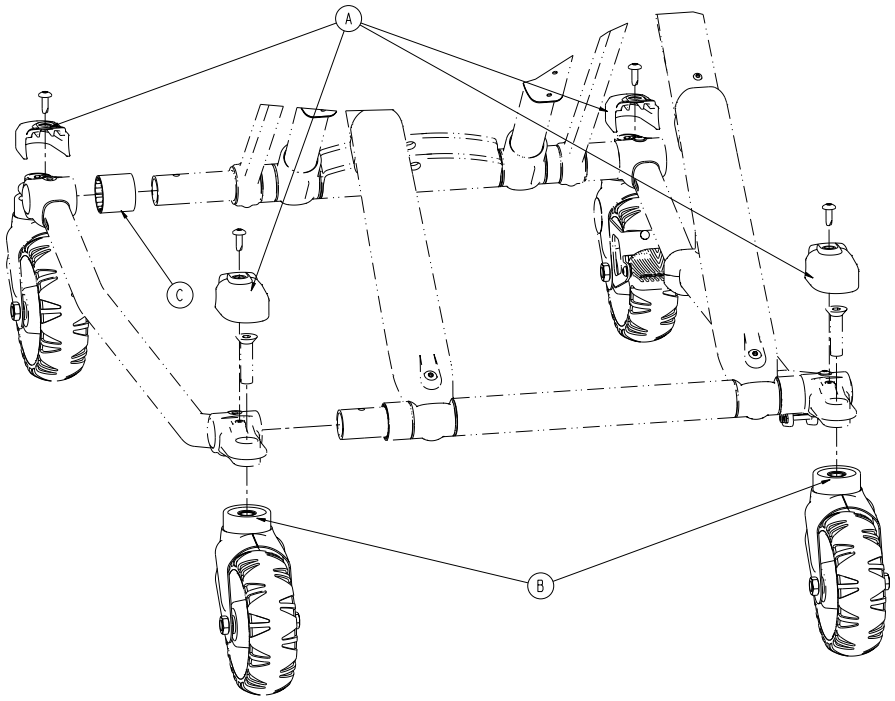
No Steer-Lock Option

6506-037-000 Rev A (Reference Only)



Item	Part No.	Part Name	Qty.
A	6500-001-177	Caster Mount Cover	4
B	6082-002-012	Caster Horn Assembly (page 93)	2
C	6500-001-230	Plastic Extrusion - Spacer	1

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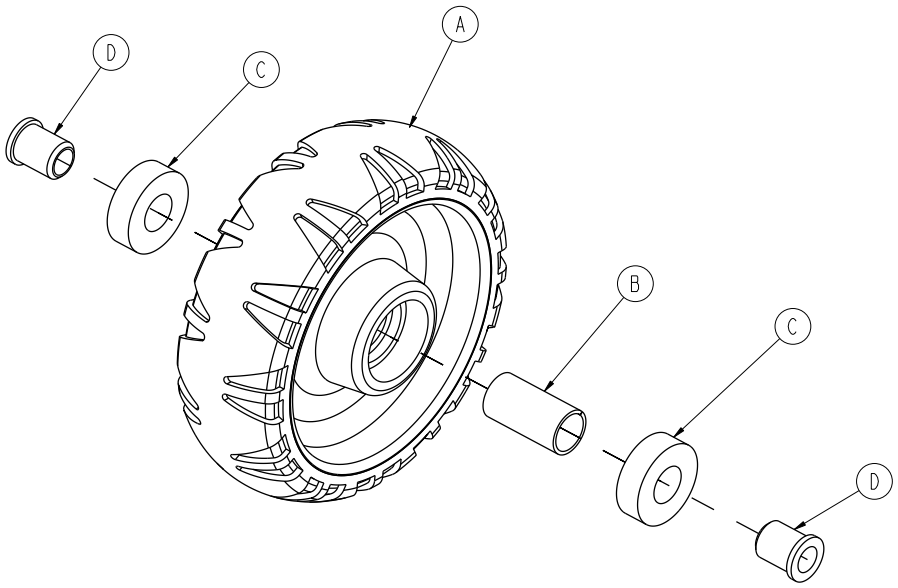
Wheel Assembly - 6060-002-010

Rev B



Item	Part No.	Part Name	Qty.
A	6060-002-045	6” Molded Wheel	1
B	6060-002-046	Bearing Spacer	1
C	0081-226-000	Bearing	2
D	0715-001-255	Wheel Bushing	2

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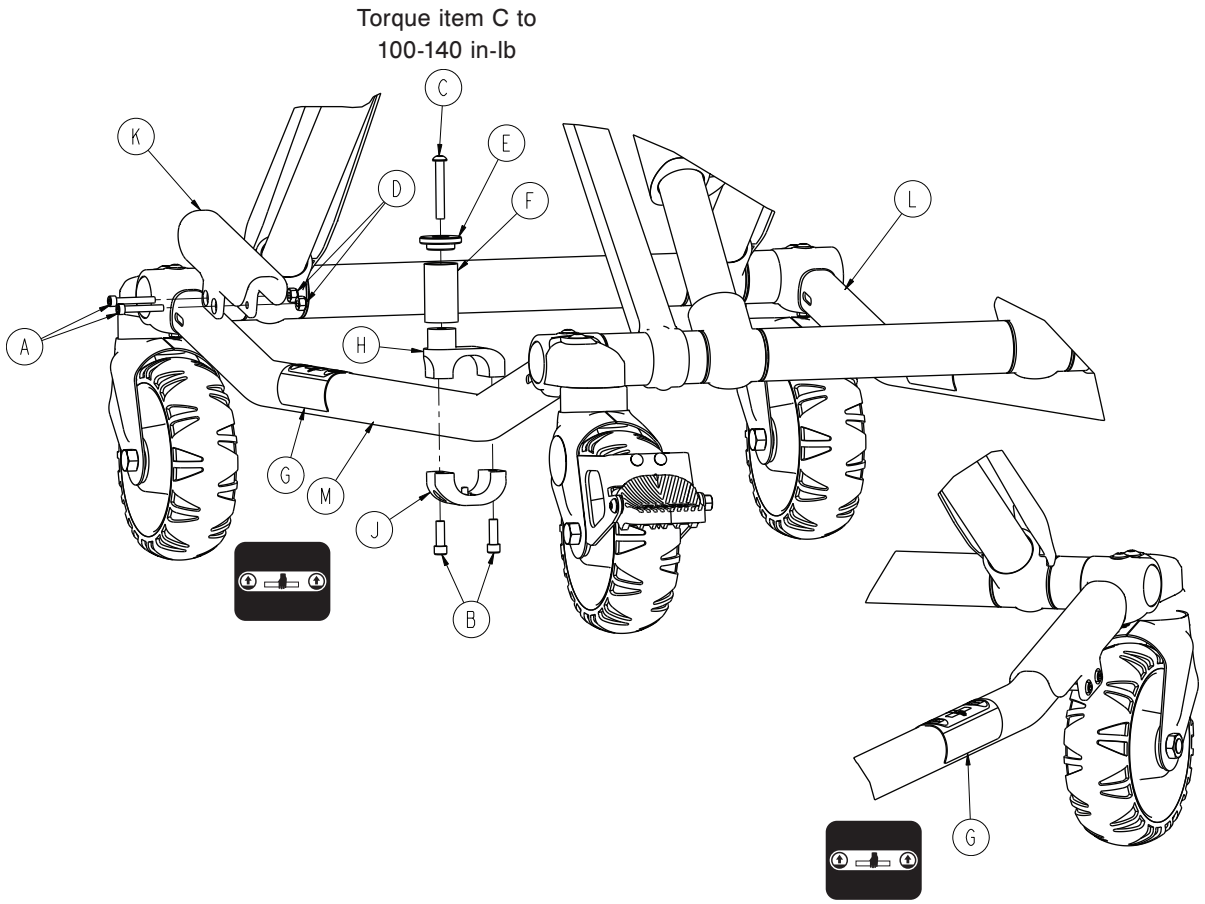
Cot Retaining Post, Right - 6085-033-000

Rev E



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

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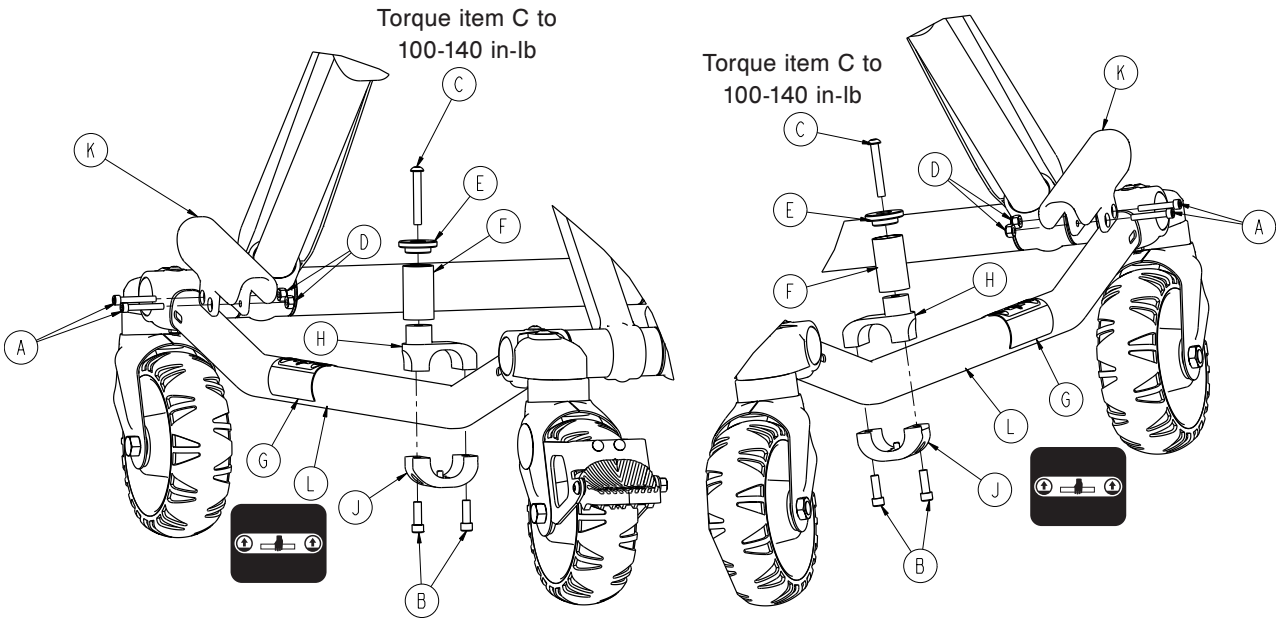
Optional Dual Cot Retaining Post - 6085-034-000

Rev D



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	0004-503-000	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	Label, Lift Here	2
H	6500-101-189	Top Pin Bracket	2
J	6500-101-190	Bottom Pin Bracket	2
K	6500-001-302	Base Tube Protector	2
L	6085-001-057	Outer Base Tube Weldment	2

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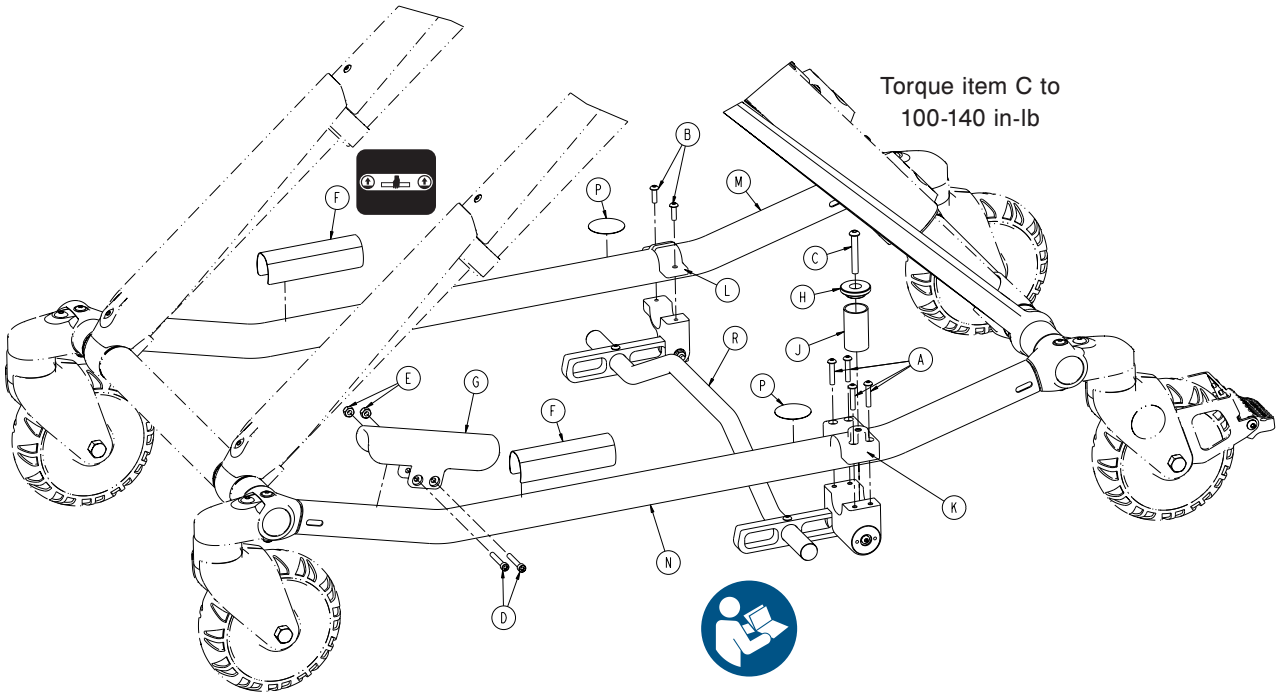
Optional Kickstand Assembly - 6085-102-000

Rev A



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	0004-503-000	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	6506-001-900	Label	2
R	6085-002-016	Kickstand Sub-Assembly (page 100)	1

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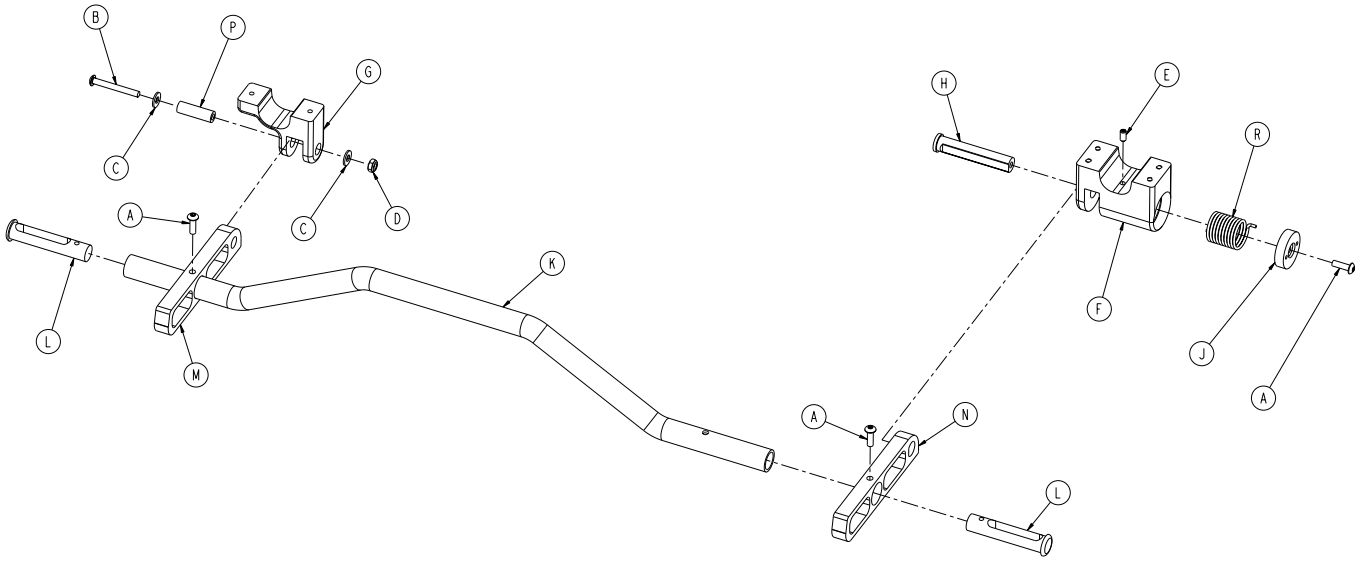
Kickstand Sub-Assembly - 6085-002-016

Rev A



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

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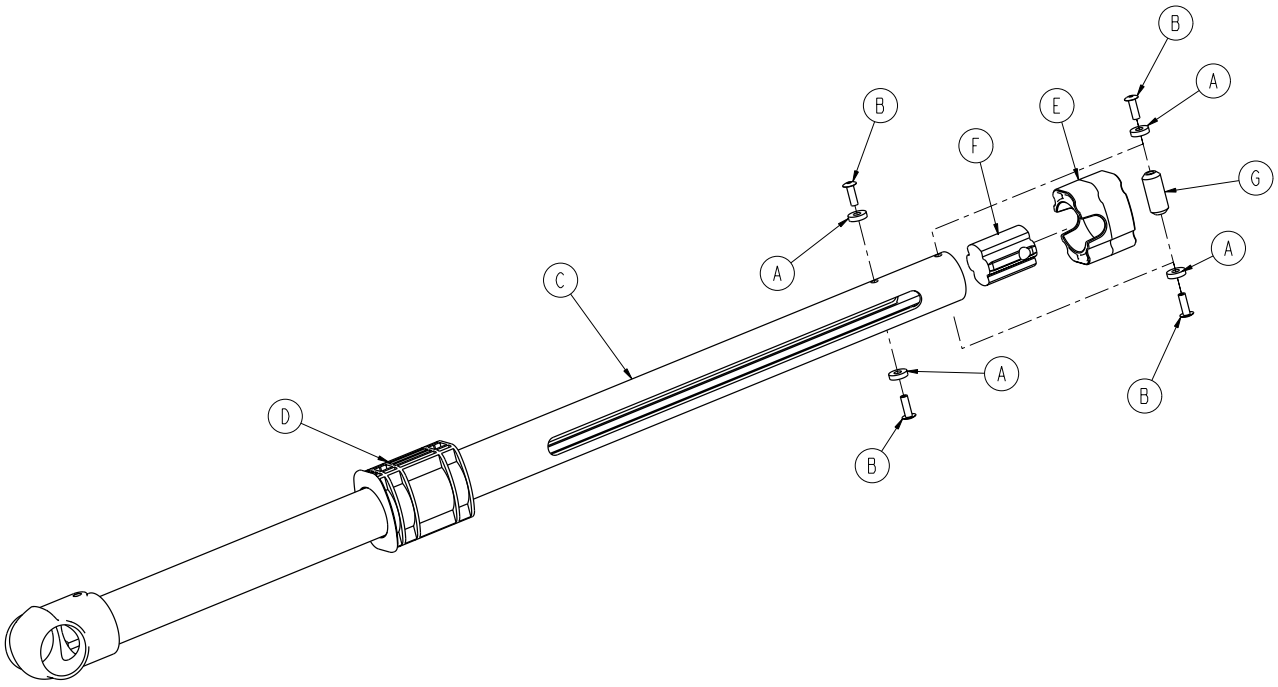
Inner Leg Assembly - 6085-001-017

Rev A



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

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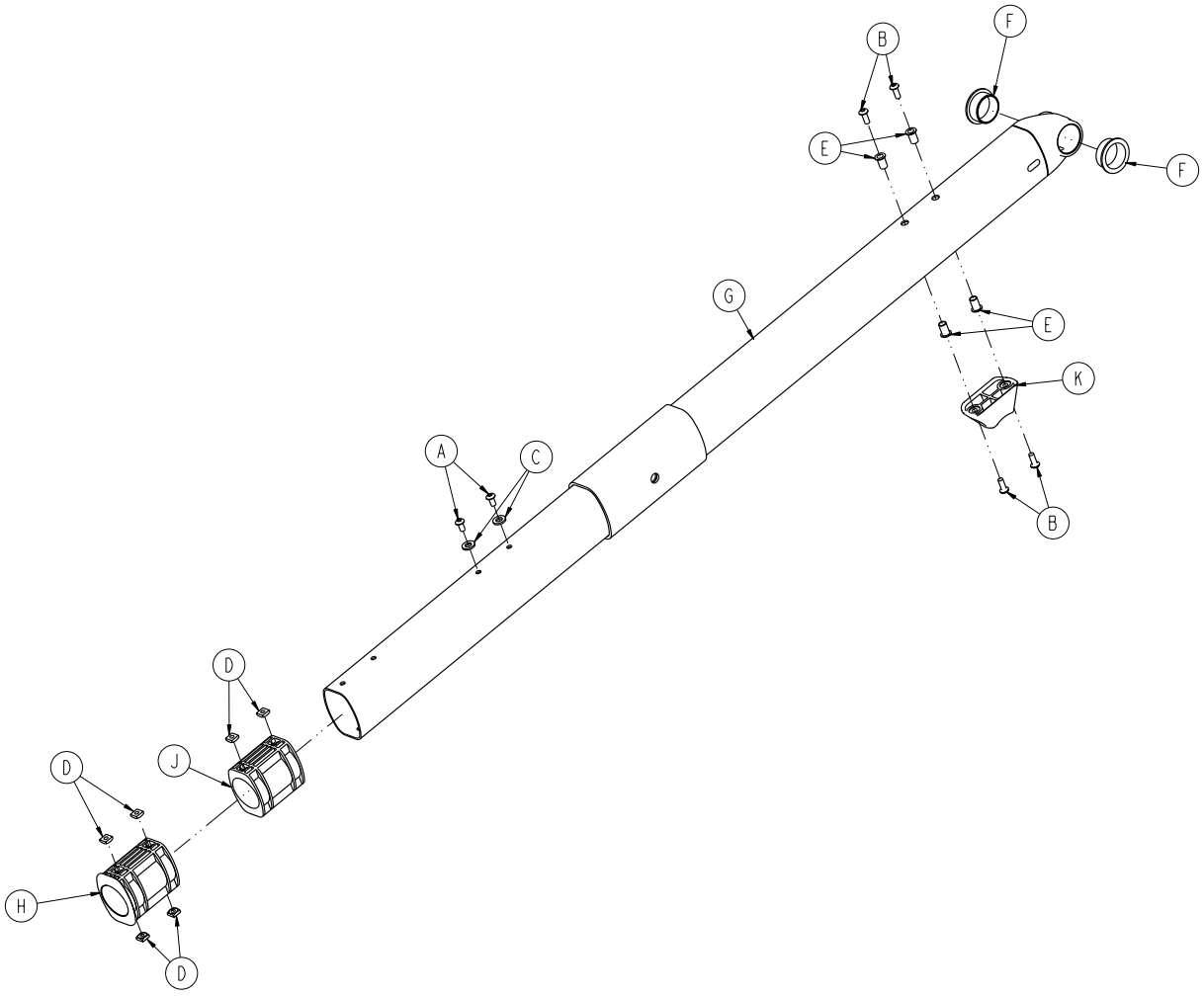
Outer Lift Tube Assembly, Litter Pivot, Right

6085-001-023 Rev B (Reference Only)



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	0014-002-000	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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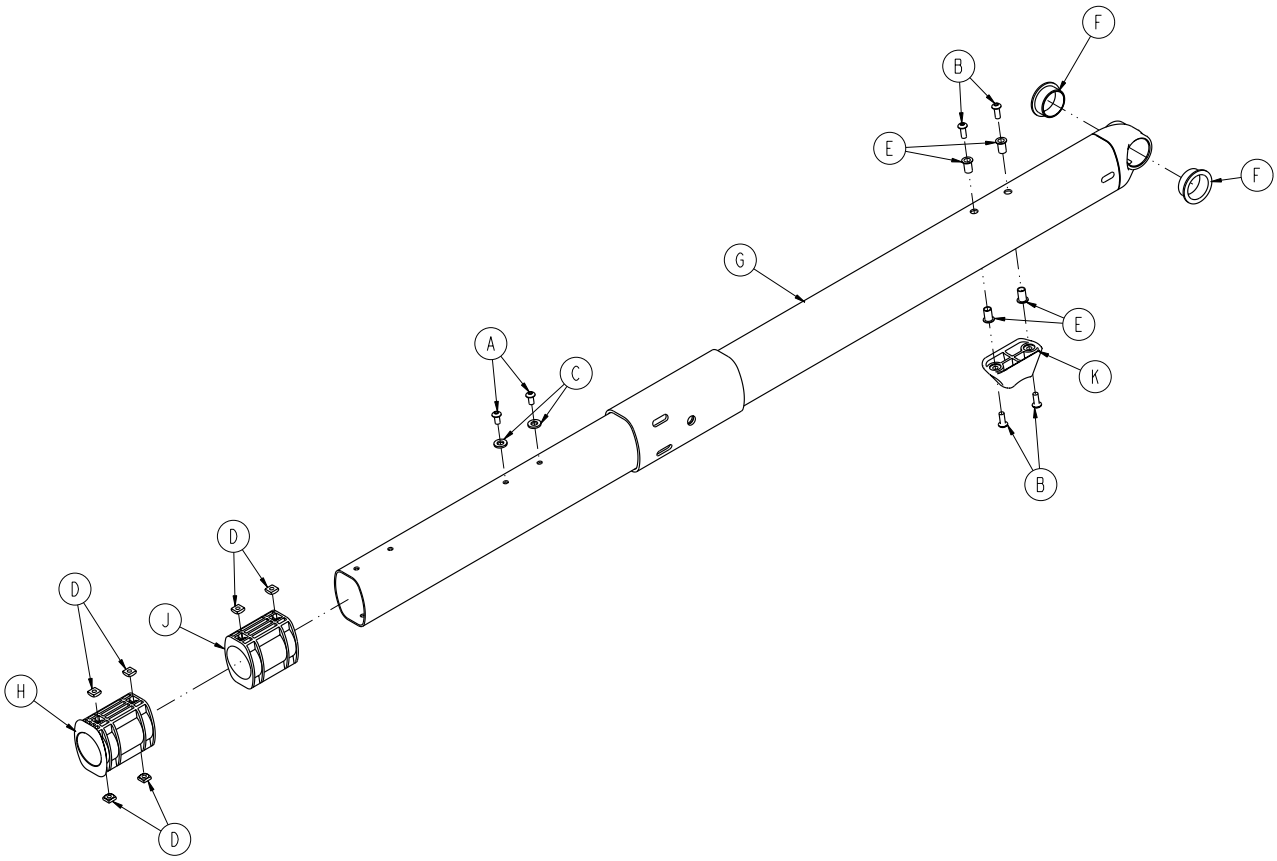
Outer Lift Tube Assembly, Litter Pivot, Left

6085-001-024 Rev B (Reference Only)



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	0014-002-000	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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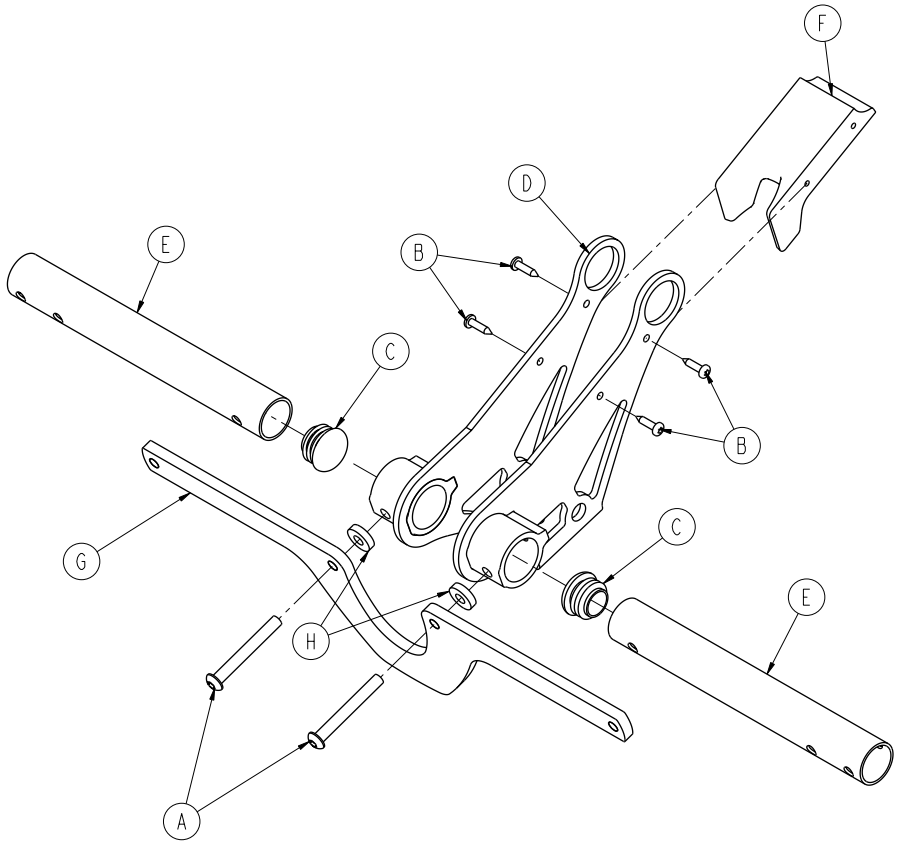
Litter Base Assembly

6085-001-026 Rev D (Reference Only)



Item	Part No.	Part Name	Qty.
A	0004-388-000	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, Large	2

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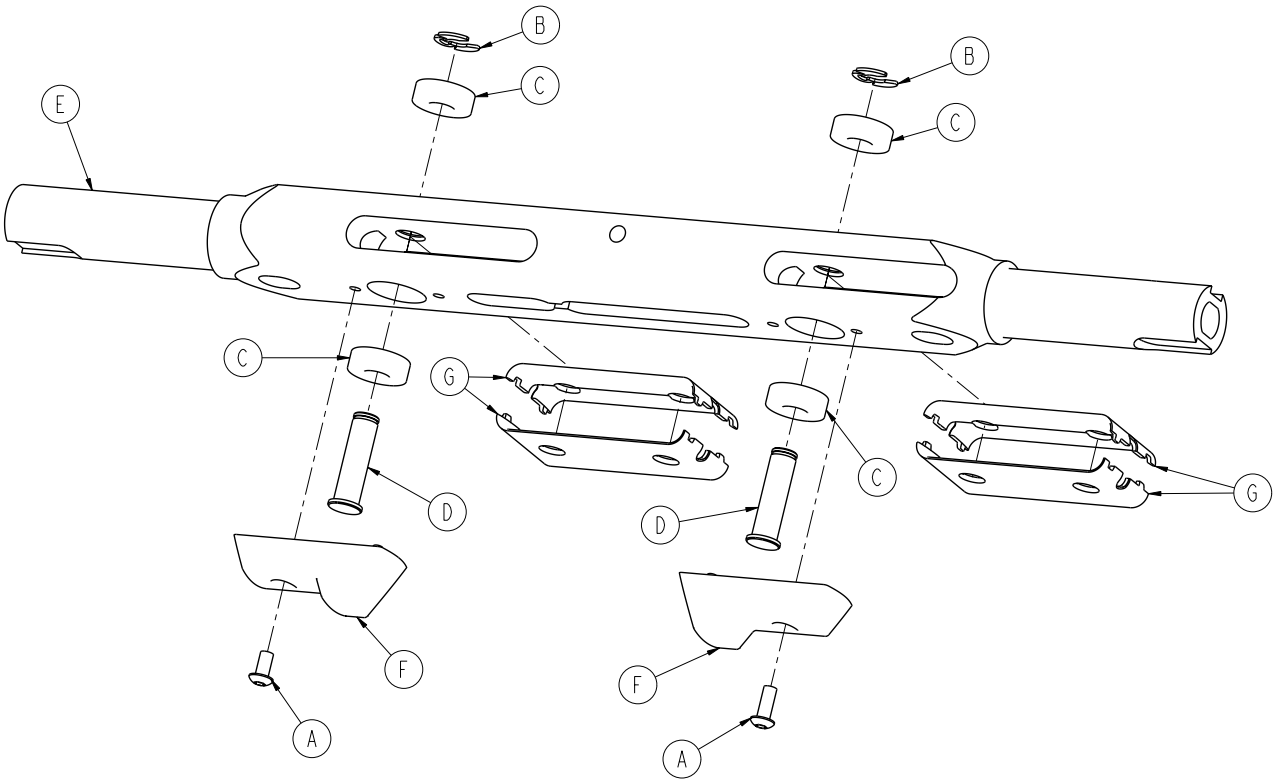
Lock Bar Assembly - 6085-001-013

Rev A



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

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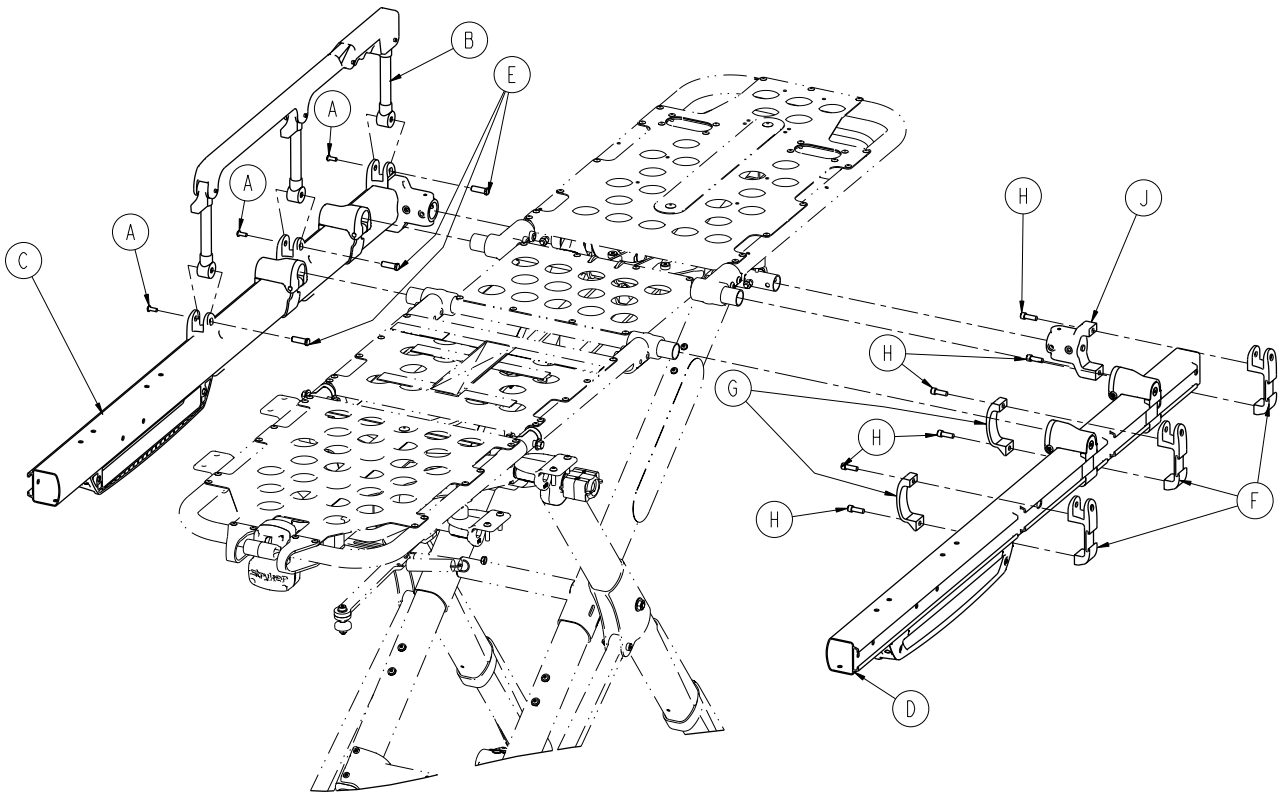
Standard Siderail

6086-058-000 Rev B (Reference Only)



Item	Part No.	Part Name	Qty.
A	0004-585-000	Button Head Cap Screw	6
B	6082-026-010	Siderail Assembly (page 107)	2
C	6086-001-025	Outer Rail, Right (page 108)	1
D	6086-001-027	Outer Rail, Left (page 109)	1
E	6500-001-118	Siderail Nut	6
F	6500-001-116	Siderail Bracket	6
G	6500-001-117	Sideril Clamp	4
H	0004-591-000	Socket Head Cap Screw	12
J	6500-001-102	Base/Litter Interface Bracket	2

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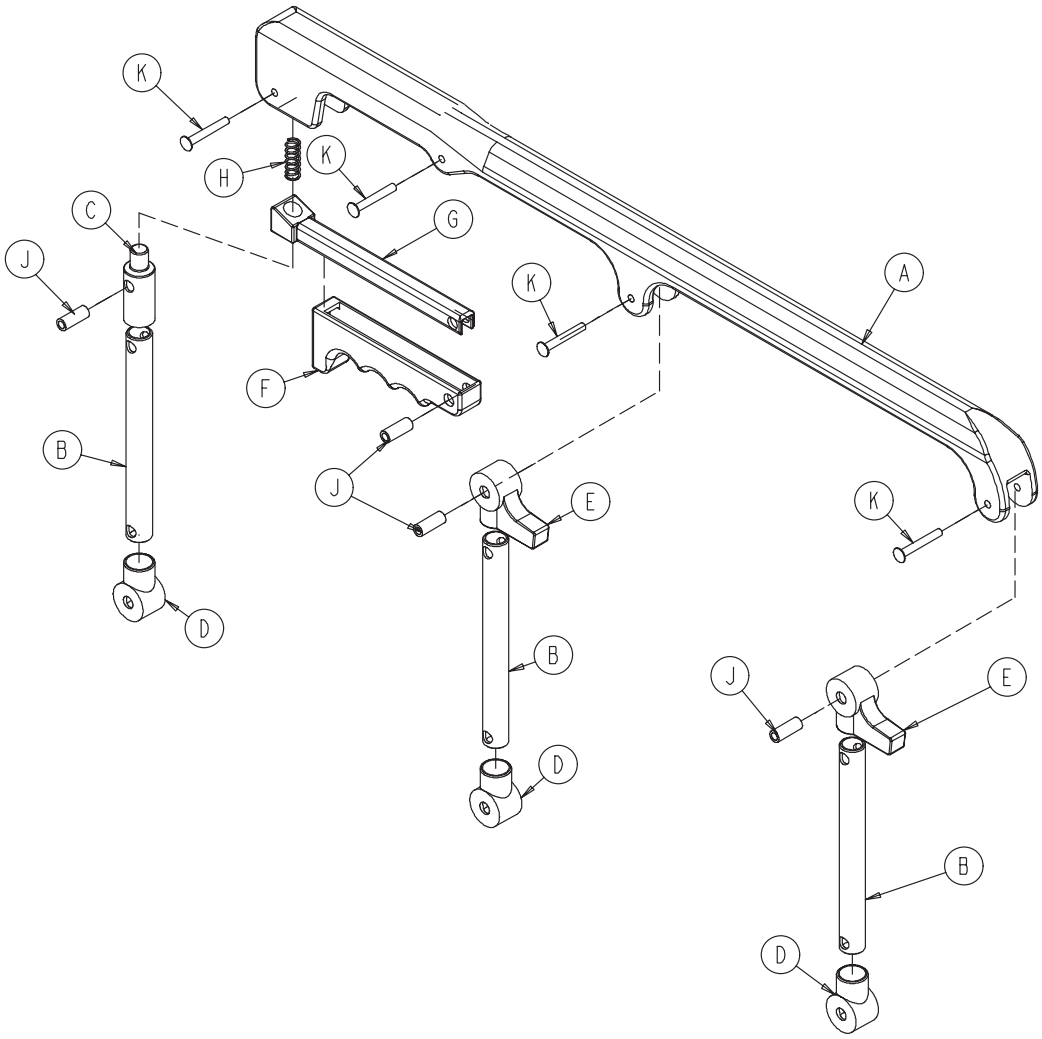
Siderail Assembly - 6082-026-010

Rev B



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 Casting	1
H	0038-344-000	Lock Release Compression Spring	1
J	6060-025-035	Pivot Bushing	4
K	0025-131-000	Rivet	4

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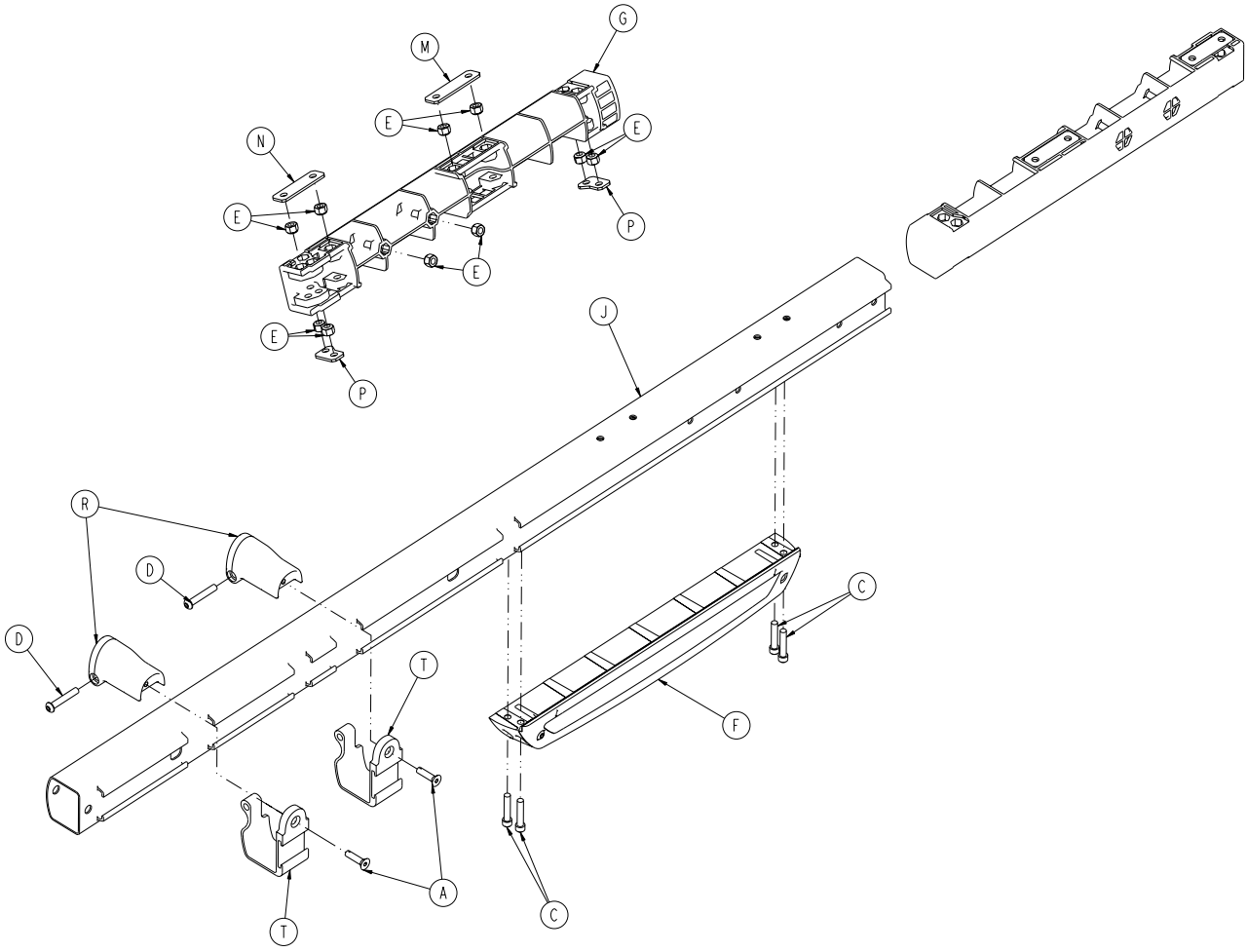
Outer Rail Subassembly, Right

6086-001-025 Rev C (Reference Only)



Item	Part No.	Part Name	Qty.
A	0001-004-011	Flat Head Cap Screw	2
C	0004-613-000	Socket Head Cap Screw	4
D	0004-848-000	Button Head Cap Screw	2
E	0016-028-000	Fiberlock Hex Nut	10
F	6085-001-029	Slide Housing Assy, Right (page 111)	1
G	6500-001-098	Litter Dead Stop, Internal	1
J	6500-001-114	Outer Rail Extrusion	1
M	6500-001-243	I.V. Pole Backer Plate	1
N	6500-001-244	I.V. Clip Backer Plate	1
P	6500-001-245	Sensor Housing Backer Plate	2
R	6500-002-130	Litter Support Bracket	2
T	6500-002-131	Litter Support Bracket, Inner	2

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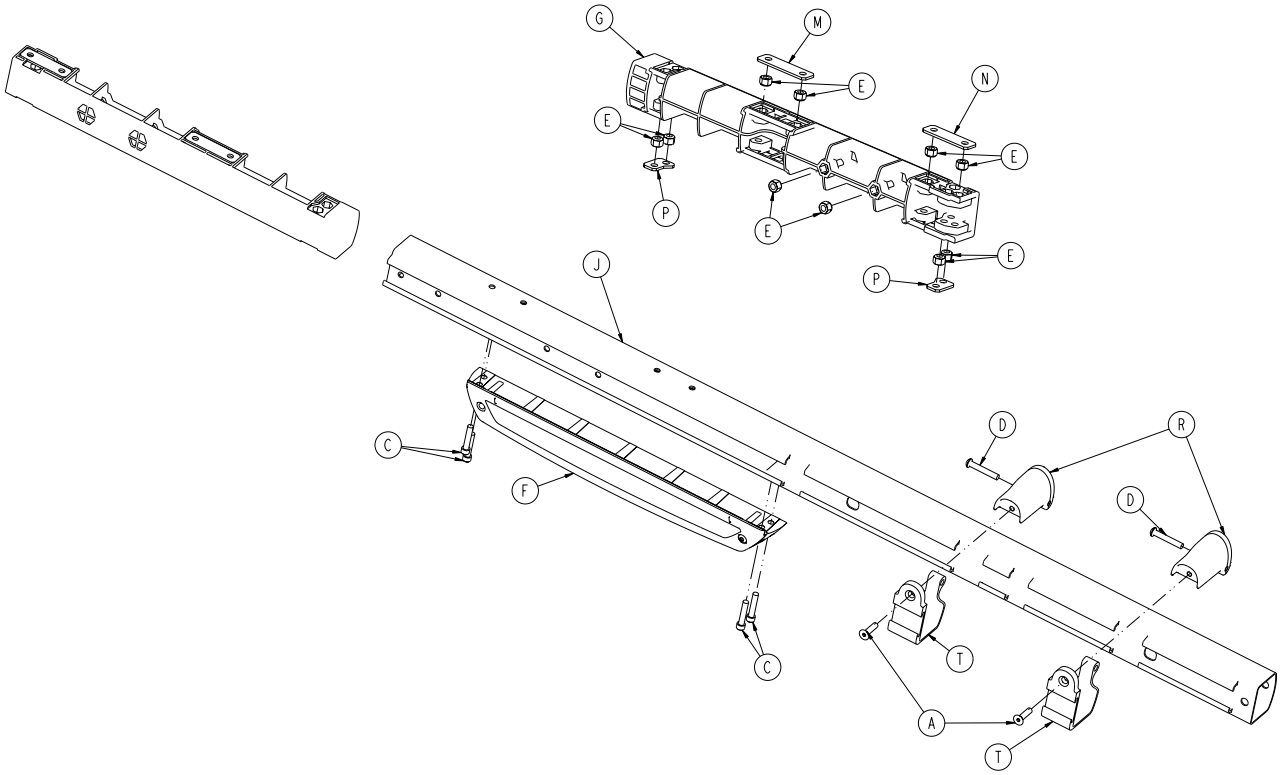
Outer Rail Subassembly, Left

6086-001-027 Rev C (Reference Only)



Item	Part No.	Part Name	Qty.
A	0001-004-011	Flat Head Cap Screw	2
C	0004-613-000	Socket Head Cap Screw	4
D	0004-848-000	Button Head Cap Screw	2
E	0016-028-000	Fiberlock Hex Nut	10
F	6085-001-028	Slide Housing Assy, Left (page 110)	1
G	6500-001-098	Litter Dead Stop, Internal	1
J	6500-001-115	Outer Rail, Right	1
M	6500-001-243	I.V. Pole Backer Plate	1
N	6500-001-244	I.V. Clip Backer Plate	1
P	6500-001-245	Sensor Housing Backer Plate	2
R	6500-002-130	Litter Support Bracket	2
T	6500-002-131	Litter Support Bracket, Inner	2

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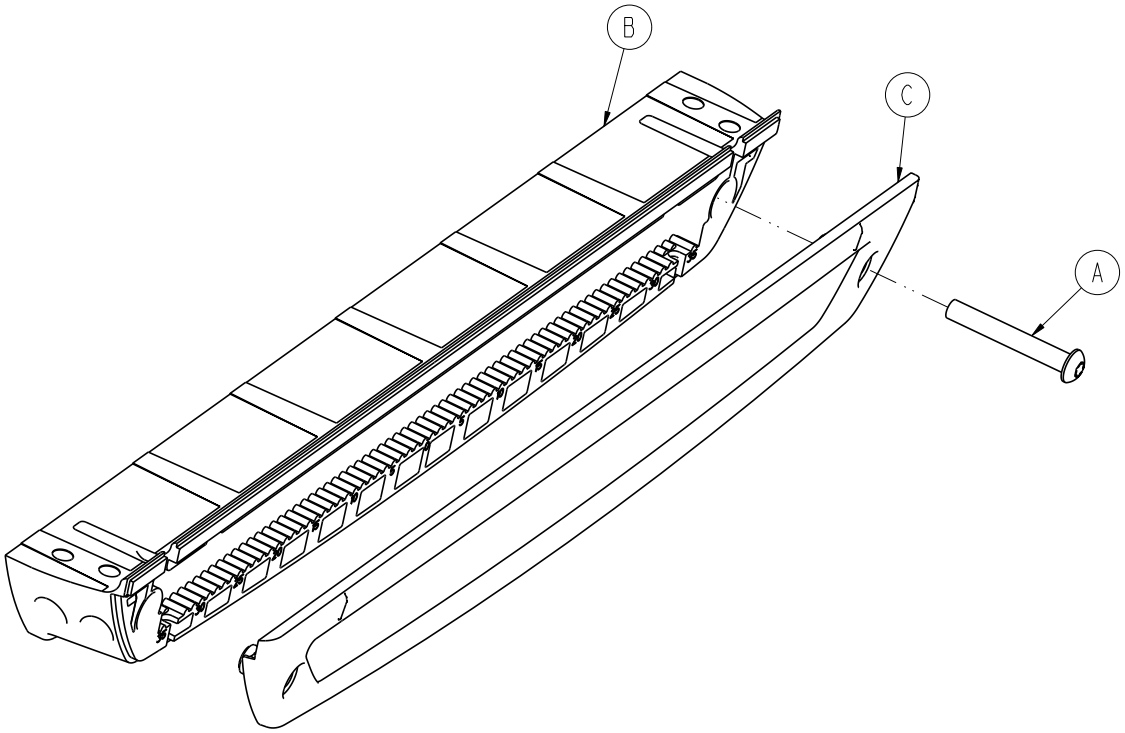
Slide Housing Assembly, Left

6085-001-028 Rev A (Reference Only)



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

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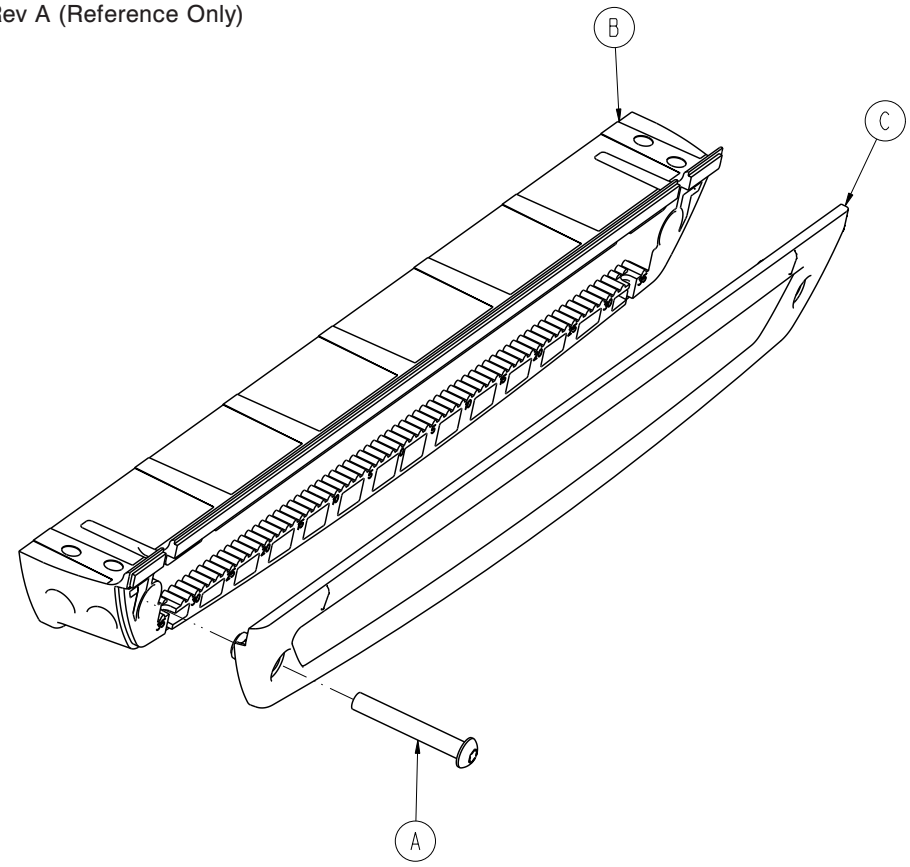
Slide Housing Assembly, Right

6085-001-029 Rev A (Reference Only)



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

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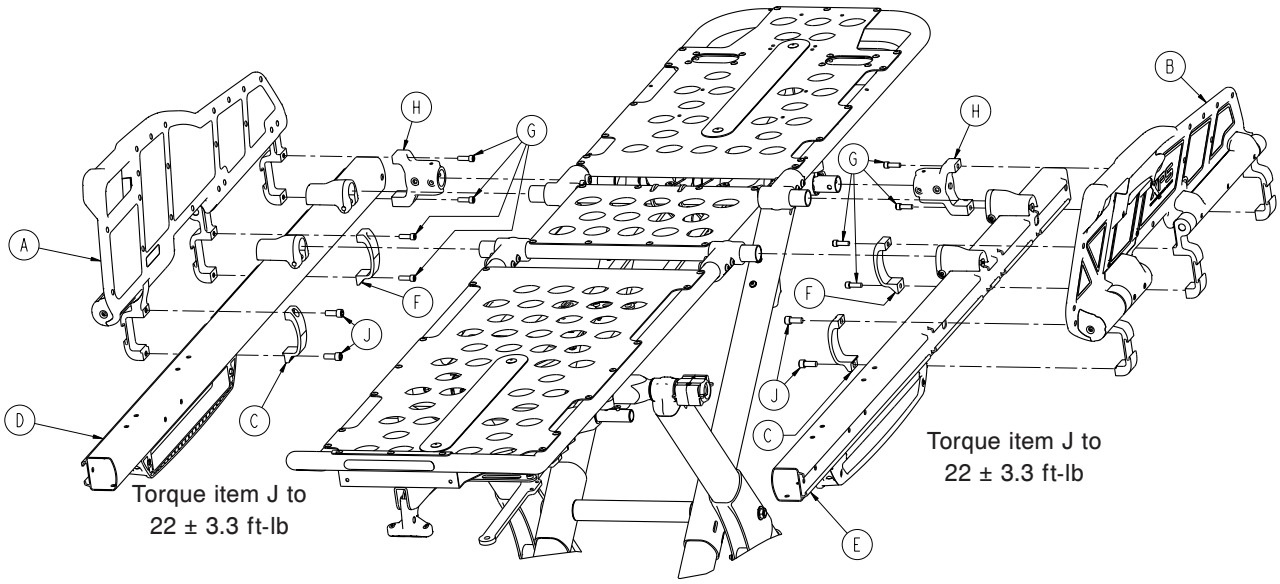
Optional Siderail (XPS Option)

6086-032-000 Rev A (Reference Only)



Item	Part No.	Part Name	Qty.
A	6500-003-034	XPS Main Assy, Right (page 113)	1
B	6500-003-044	XPS Main Assembly, Left (page 114)	1
C	6500-003-099	XPS Siderail Clamp	2
D	6086-001-025	Outer Rail Subassy, Right (page 108)	1
E	6086-001-027	Outer Rail Subassy, Left (page 109)	1
F	6500-001-117	Siderail Clamp	2
G	0004-591-000	Socket Head Cap Screw	8
H	6500-001-102	Base/Litter Interface Bracket	2
J	0004-900-000	Socket Head Cap Screw	4

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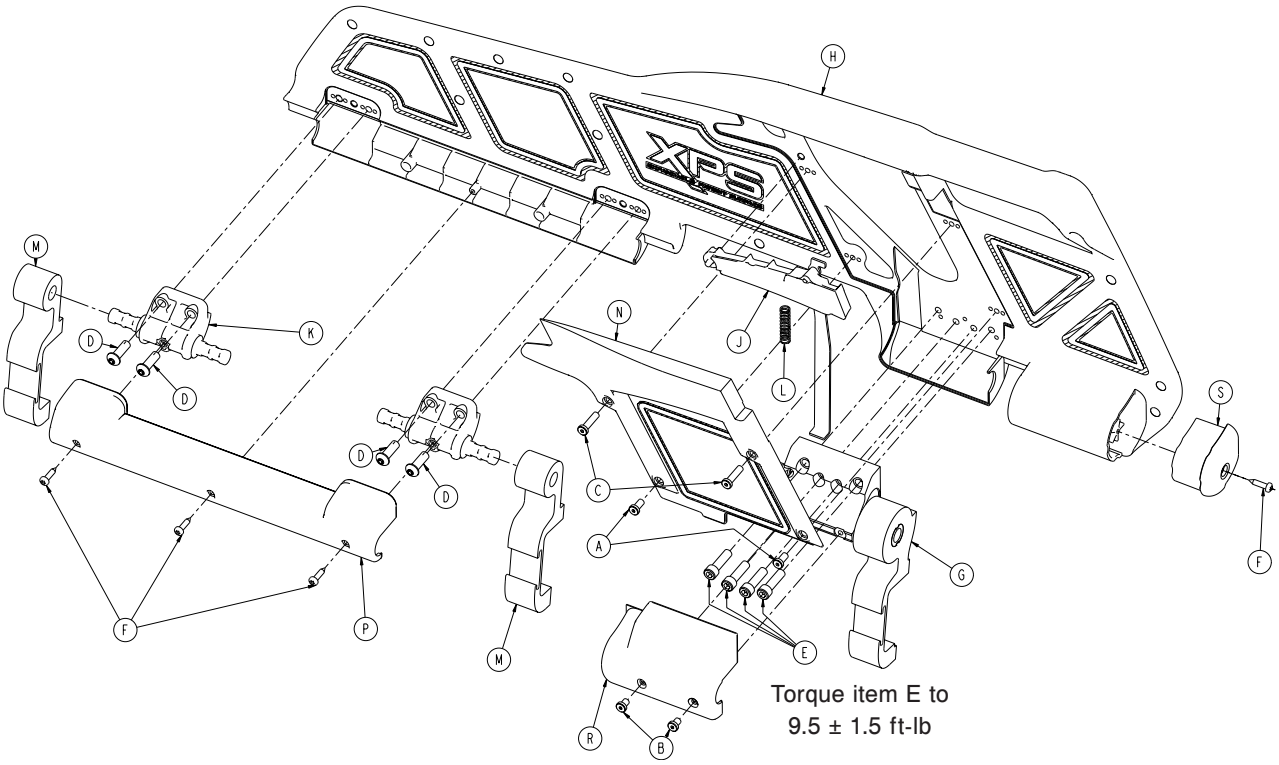
XPS Main Assembly, Right - 6500-003-034

Rev B



Item	Part No.	Part Name	Qty.
A	0004-400-000	Socket Head Cap Screw	2
B	0004-402-000	Socket Head Cap Screw	2
C	0004-403-000	Socket Head Cap Screw	2
D	0004-468-000	Button Head Cap Screw	4
E	0004-661-000	Socket Head Cap Screw	4
F	0023-162-000	Delta Screw	4
G	6500-003-035	XPS Ratchet Assembly, Right	1
H	6500-003-037	XPS Overmold Assembly, RIght	1
J	6500-003-043	XPS Handle Assembly, Right	1
K	6500-003-084	Support Pivot	2
L	6500-003-085	XPS Spring Handle	1
M	6500-003-086	XPS Siderail Pivot	2
N	6500-003-094	XPS Release Cover, Right	1
P	6500-003-097	XPS Pivot Cover	1
R	6500-003-119	XPS Ratchet Cover, Right/Left	1
S	6500-003-121	End Cap Cover, Right	1

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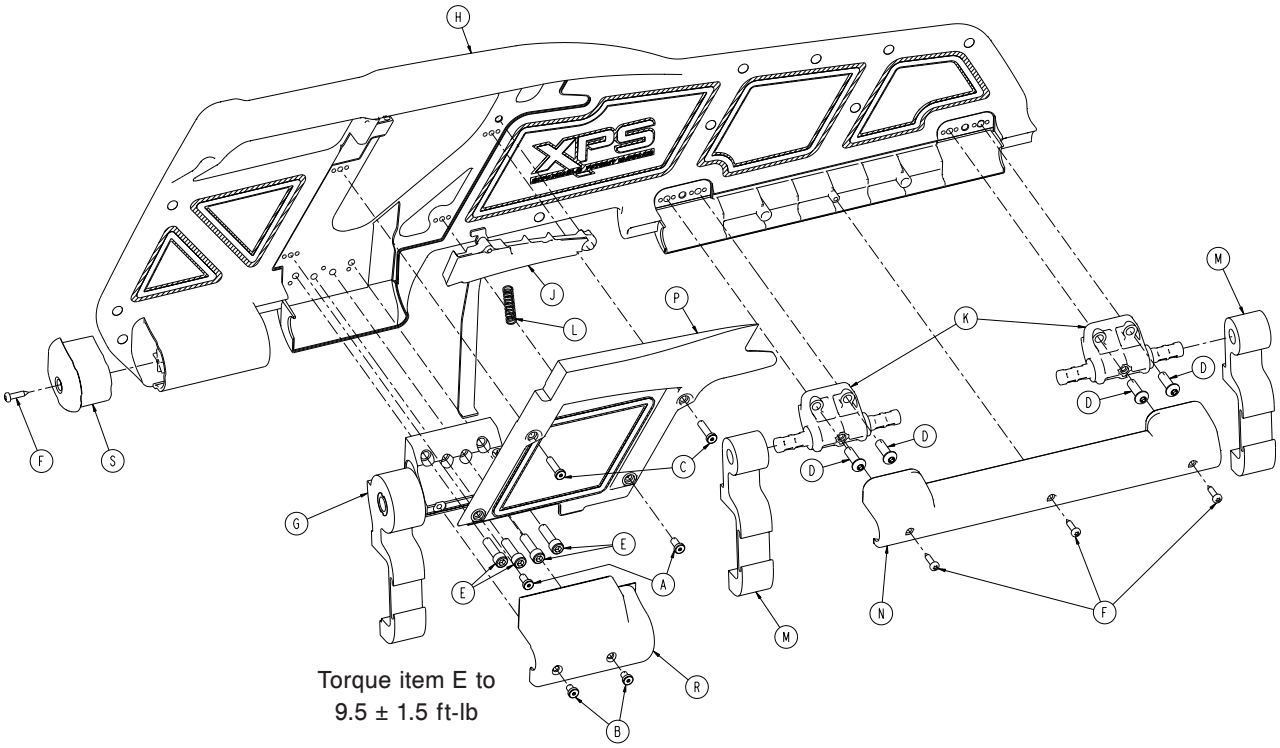
XPS Main Assembly, Left - 6500-003-044

Rev B



Item	Part No.	Part Name	Qty.
A	0004-400-000	Socket Head Cap Screw	2
B	0004-402-000	Socket Head Cap Screw	2
C	0004-403-000	Socket Head Cap Screw	2
D	0004-468-000	Button Head Cap Screw	4
E	0004-661-000	Socket Head Cap Screw	4
F	0023-162-000	Delta Screw	4
G	6500-003-036	XPS Ratchet Assembly, Right	1
H	6500-003-038	XPS Overmold Assembly, RIght	1
J	6500-003-045	XPS Handle Assembly, Right	1
K	6500-003-084	Support Pivot	2
L	6500-003-085	XPS Spring Handle	1
M	6500-003-086	XPS Siderail Pivot	2
N	6500-003-097	XPS Pivot Cover	1
P	6500-003-102	XPS Release Cover, Left	1
R	6500-003-120	XPS Ratchet Cover, Right/Left	1
S	6500-003-122	End Cap Cover, Right	1

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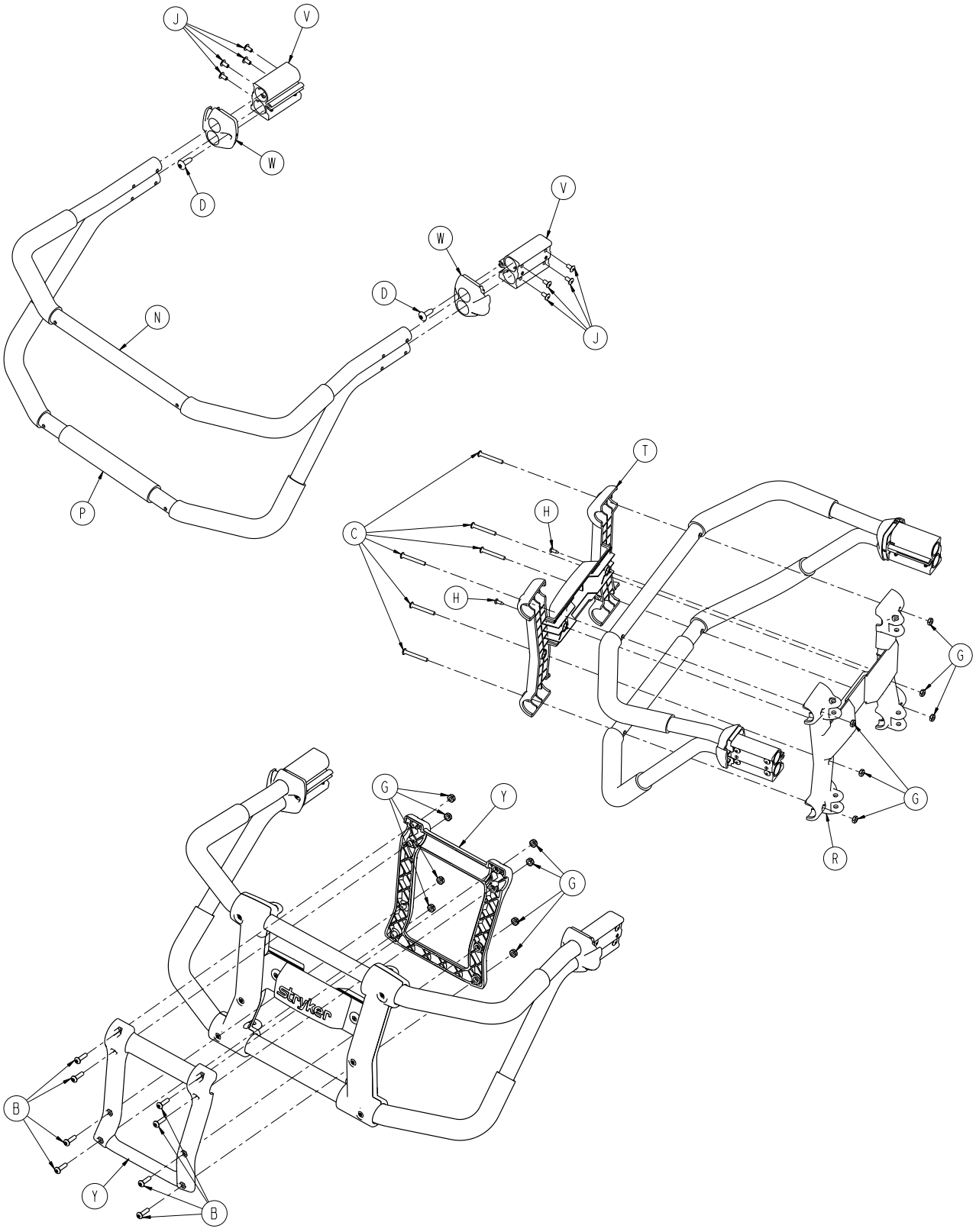
Foot End Assembly, Left

6085-001-015 Rev B (Reference Only)



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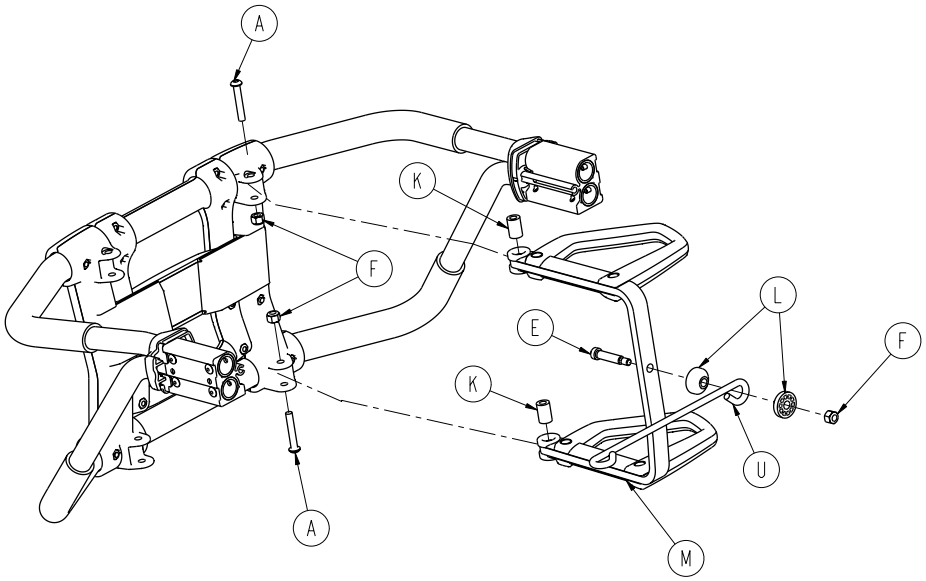
Foot End Assembly, Left



Foot End Assembly, Left - 6085-001-015 Rev B (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

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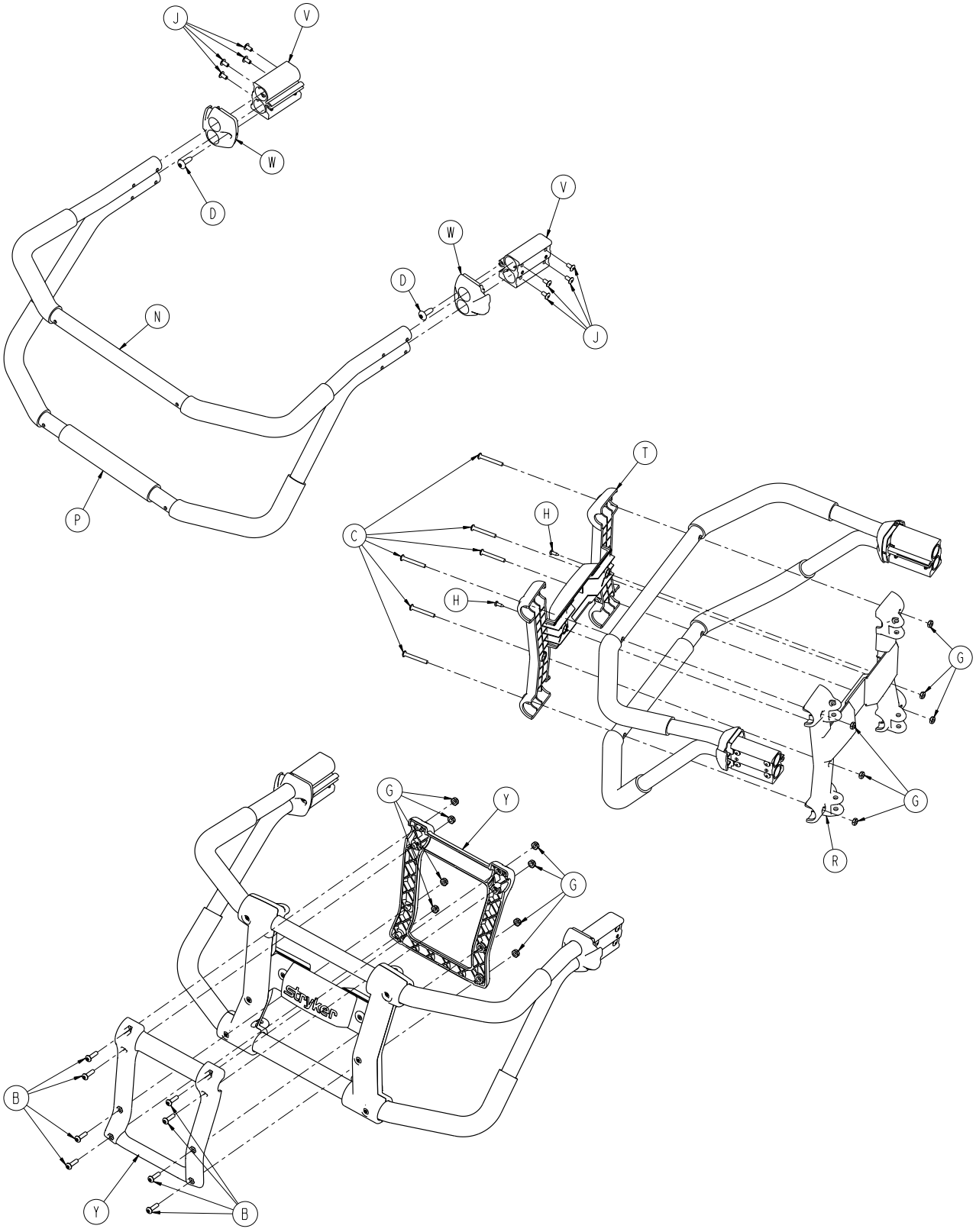
Optional Foot End Assembly, Right

6085-001-016 Rev B (Reference Only)



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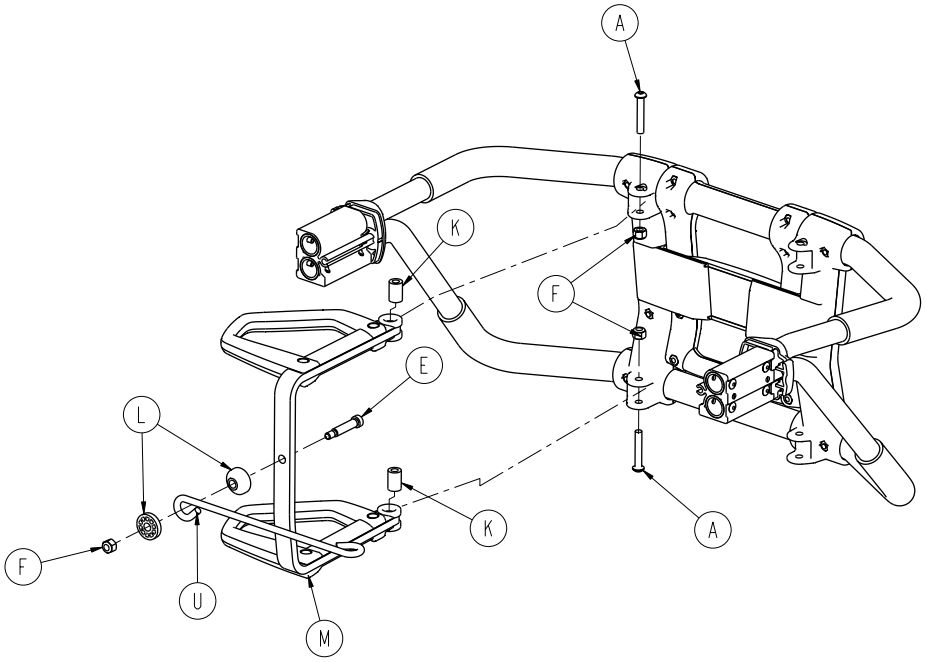
Optional Foot End Assembly, Right



Optional Foot End Assembly, Right - 6085-001-016 Rev B (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

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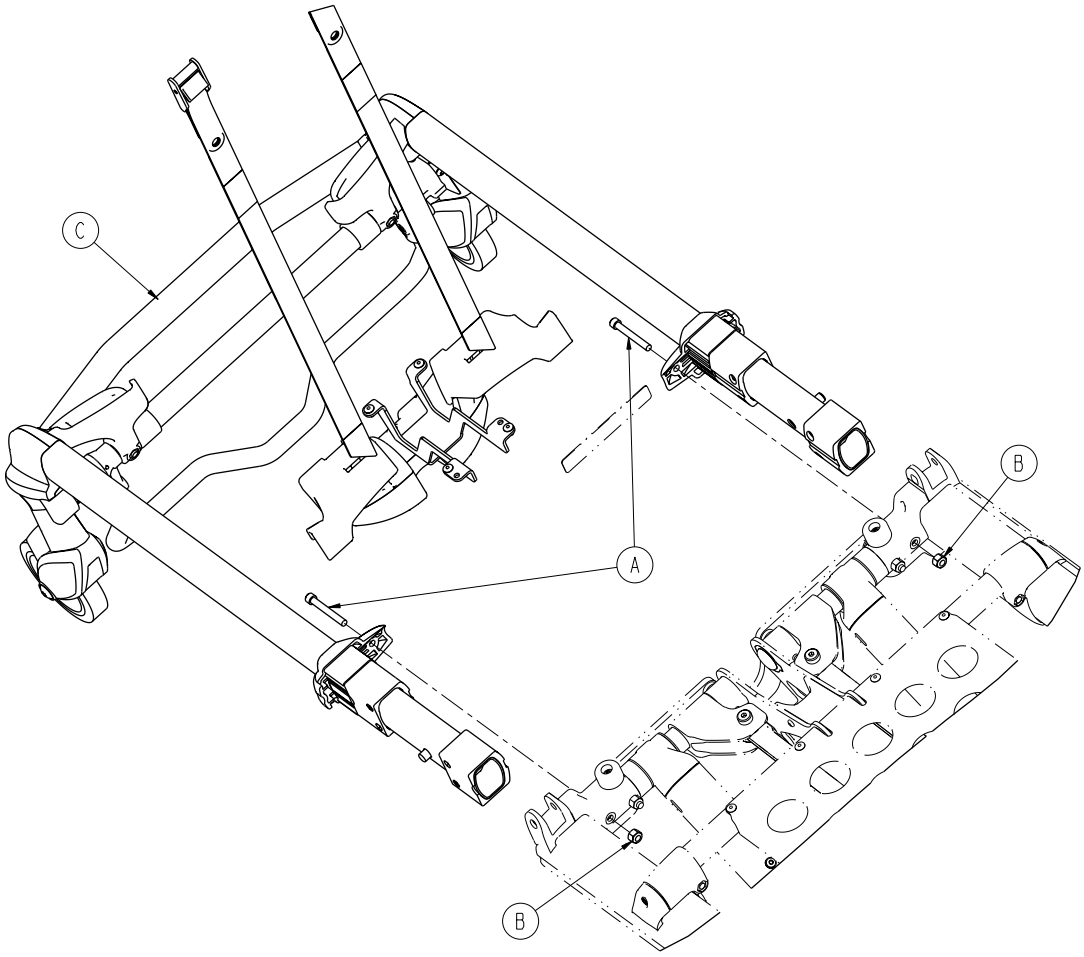
Retractable Head Section

6085-027-000 Rev B (Reference Only)



Item	Part No.	Part Name	Qty.
A	0004-595-000	Socket Head Cap Screw	2
B	0016-028-000	Fiberlock Hex Nut	2
C	6500-002-023	Head Section Assembly (page 120)	1

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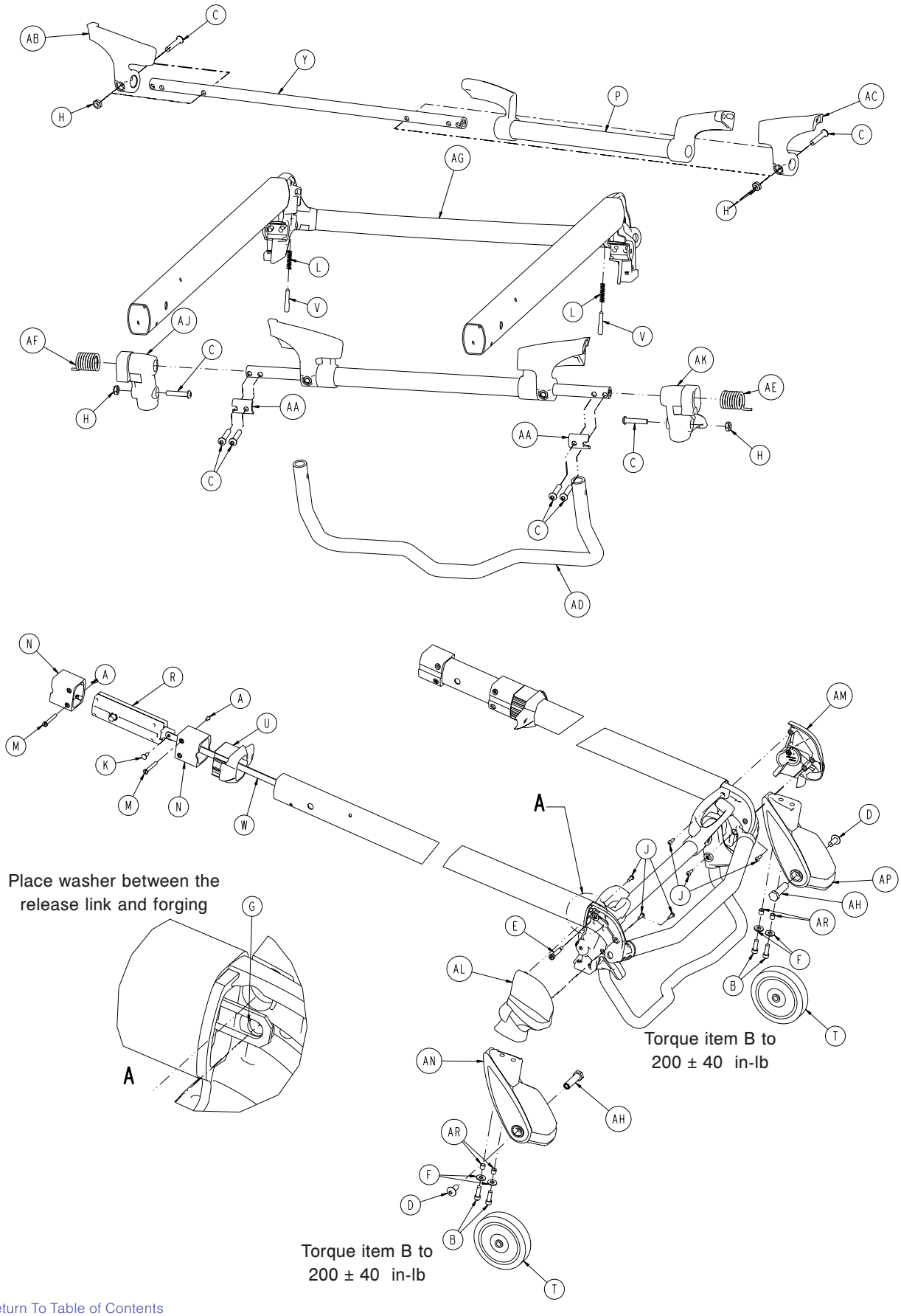
Head Section Assembly - 6500-002-023

Rev C



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Head Section Assembly - 6500-002-023

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	0007-556-000	Truss Head Machine Screw	2
E	0008-030-000	Socket Head Shoulder Screw	2
F	0011-624-000	Washer	4
G	0014-002-000	Washer	2
H	0016-102-000	Nylock Hex Nut	4
J	0023-162-000	Delta Screw	4
K	0025-126-000	Rivet	2
L	0038-570-000	Compression Spring	2
M	6085-001-169	Head Section Nut	4
N	6085-001-170	Internal Bearing	4
P	6500-001-023	Head Trigger Assembly	1
R	6500-001-026	Head Section Lock Assy (page 123)	2
T	6500-001-086	Front Wheel	2
U	6500-001-087	Cap Bearing	2
V	6500-001-093	Safety Bar Lock Pin	2
W	6500-001-096	Head Section Release Link	2
Y	6500-001-220	Head Section Pivot Cross Tube	1
AA	6500-001-221	Cross Tube Clamp	2
AB	6500-001-280	Head Section Guard, Right	1
AC	6500-001-281	Head Section Guard, Left	1
AD	6500-001-322	Sliding Head Section Safety Bar	1
AE	6500-001-325	Safety Bar Torsion Spring, Left	1
AF	6500-001-326	Safety Bar Torsion Spring, Right	1
AG	6500-002-024	Telescoping Tube Assy (page 122)	1
AH	6500-002-106	Load Wheel Spacer	2
AJ	6500-002-107	Safety Bar Pivot, Right	1
AK	6500-002-108	Safety Bar Pivot, Left	1
AL	6500-002-109	Load Wheel Horn, Cover, Left	1
AM	6500-002-110	Load Wheel Horn, Cover, Right	1
AN	6500-002-120	Load Wheel Horn, Left	1
AP	6500-002-121	Load Wheel Horn, Right	1
AR	6500-002-114	Compression Limiter Sleeve	4

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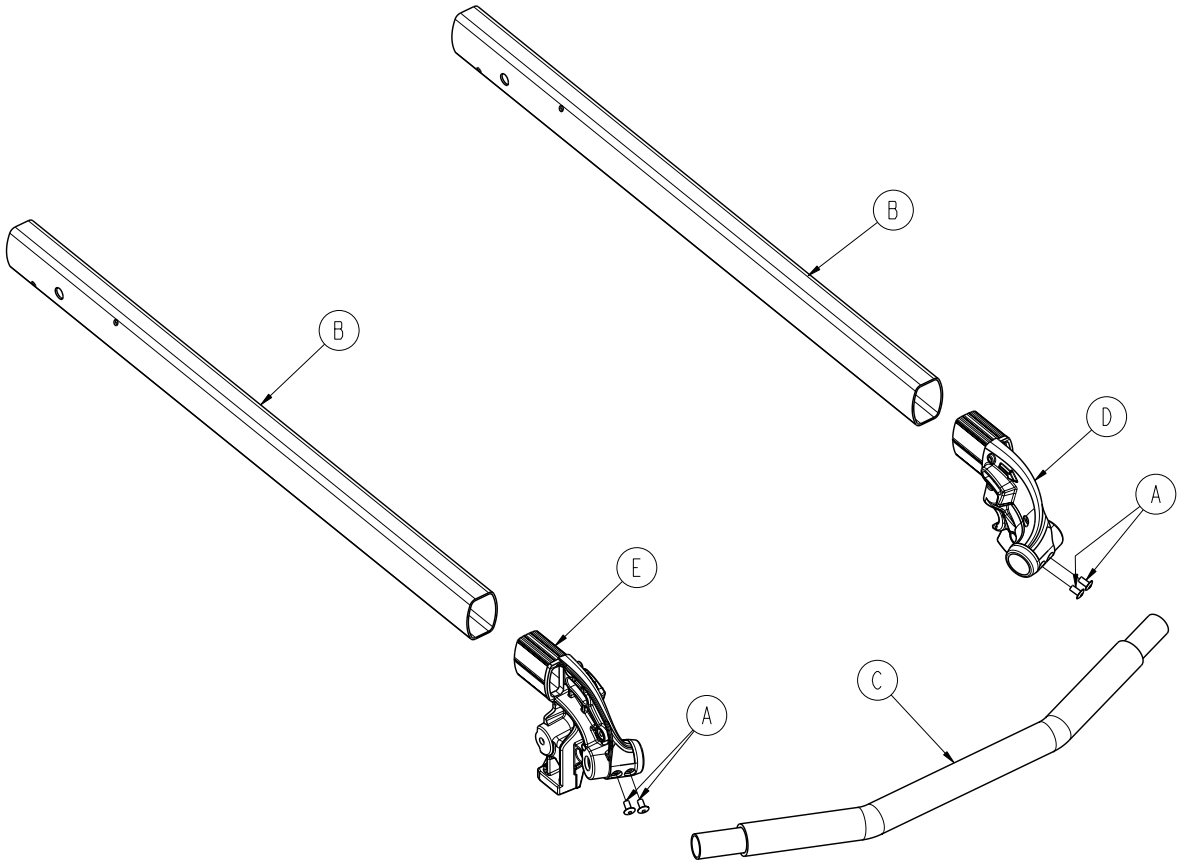
Telescoping Tube Assembly - 6500-002-024

Rev C



Item	Part No.	Part Name	Qty.
A	0025-079-000	Dome Head Rivet	4
B	6085-001-144	Head Section Telescoping Tube	2
C	6500-001-084	Front Lifting Bar	1
D	6500-002-080	Load Wheel Forging, Right	1
E	6500-002-081	Load Wheel Forging, Left	1

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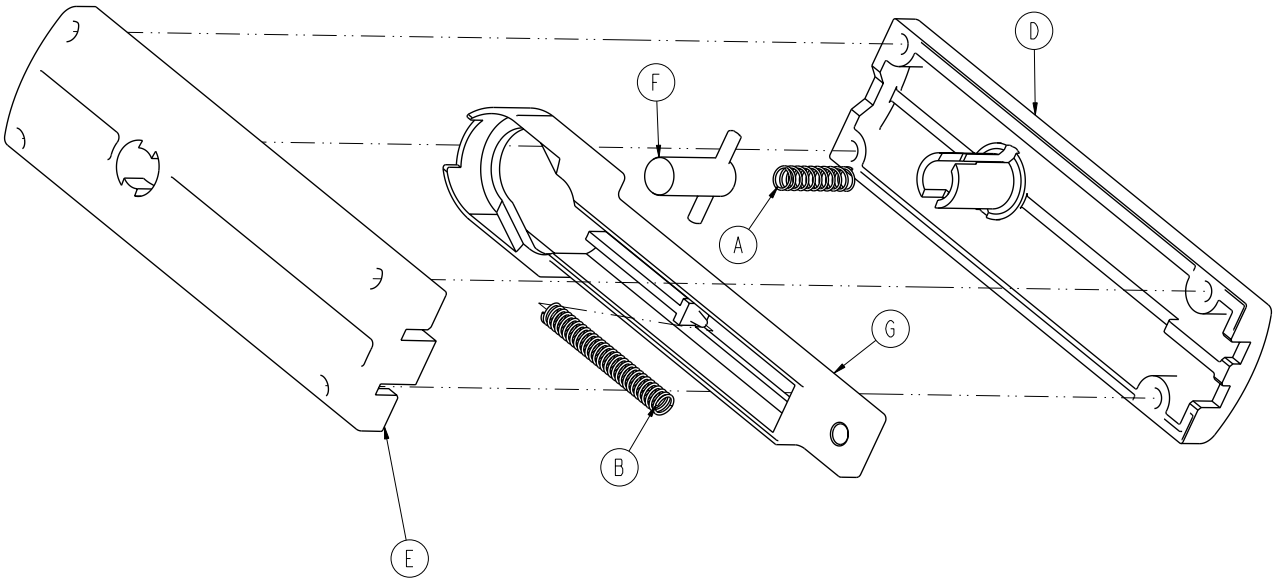
Head Section Lock Assembly - 6500-001-026

Rev C



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

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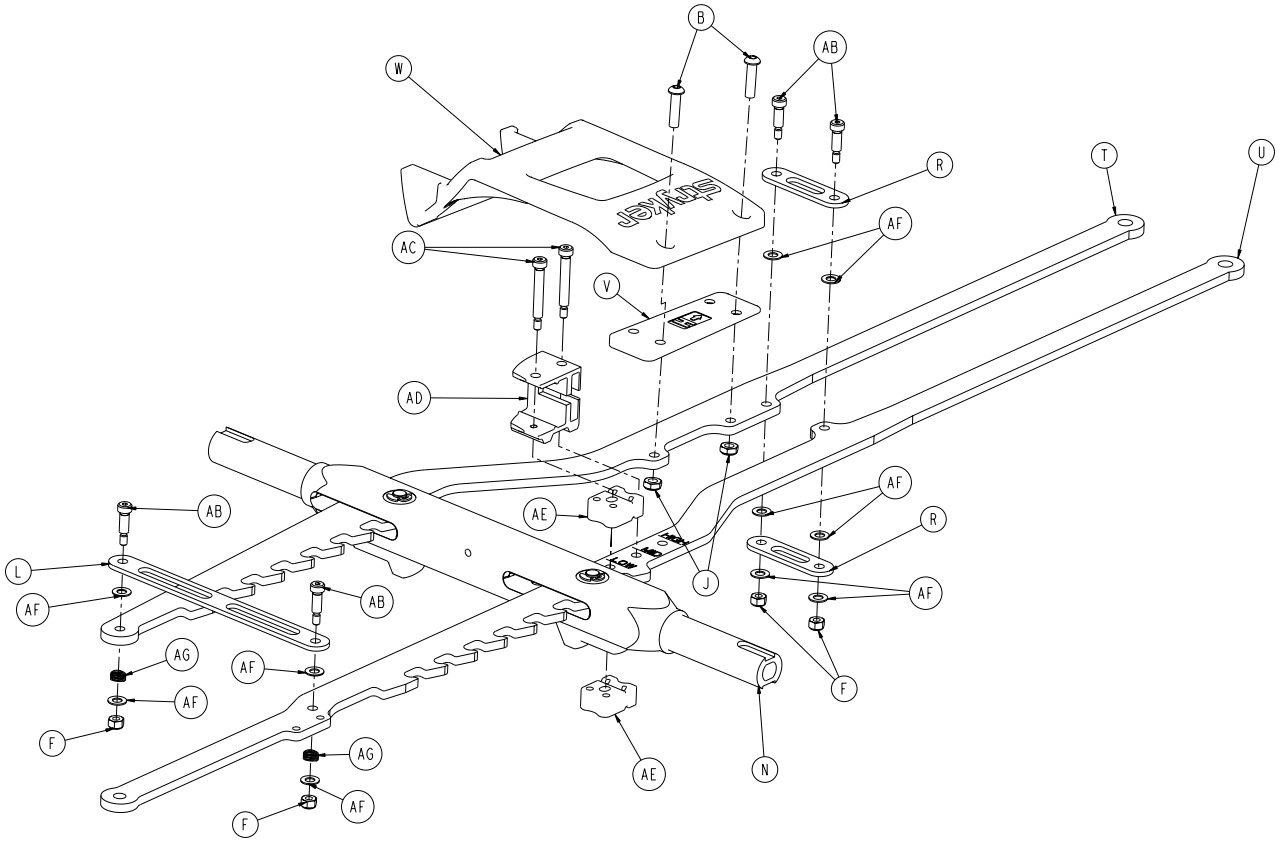
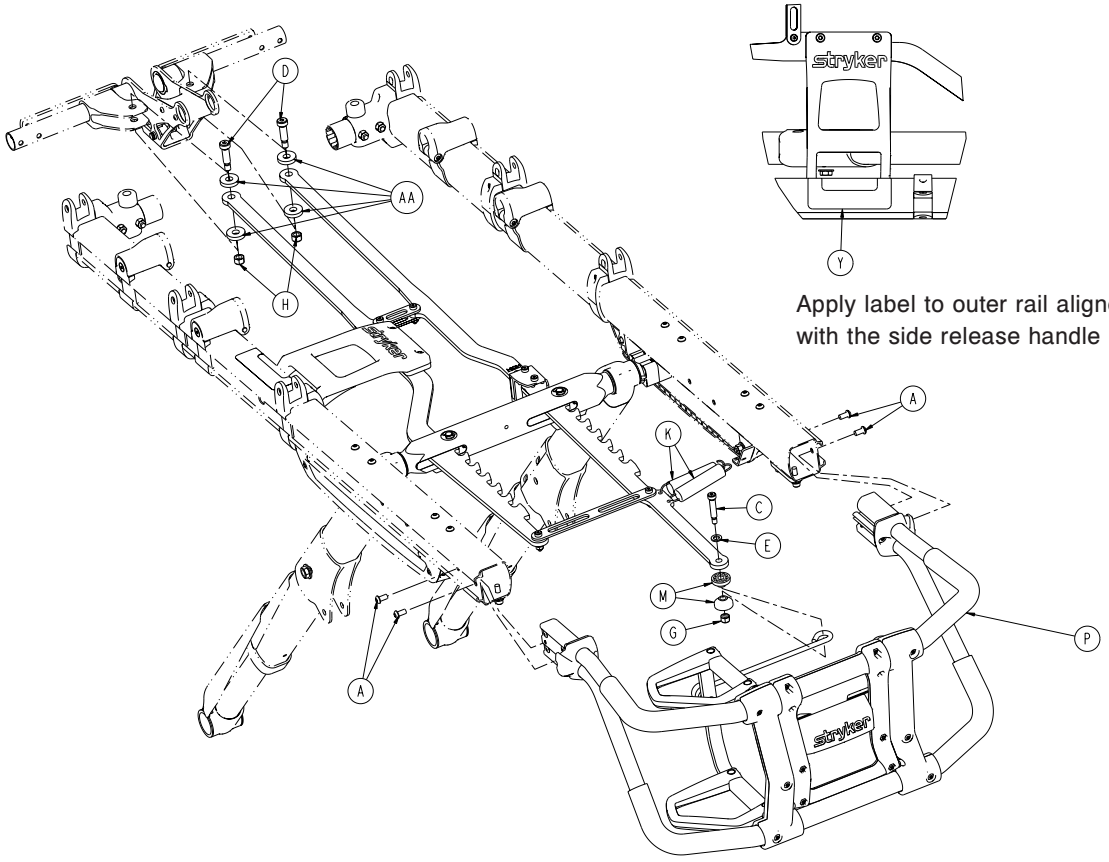
Left Hand Release Handle

6086-029-000 Rev A (Reference Only)





Apply label to outer rail aligned with the side release handle

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Left Hand Release Handle

Left Hand Release Handle - 6086-029-000 Rev A (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-589-000	Button Head Cap Screw	4
B	0004-594-000	Button Head Cap Screw	2
C	0008-033-000	Socket Head Shoulder Screw	1
D	0008-081-000	Socket Head Shoulder Screw	2
E	0011-352-000	Washer	1
F	0016-002-000	Fiberlock Hex Nut	4
G	0016-028-000	Fiberlock Hex Nut	1
H	0016-036-000	Nylock Hex Nut	2
J	0016-102-000	Nylock Hex Nut	2
K	0038-508-000	Extension Spring	2
L	6082-005-038	Cross Brace	1
M	6082-040-025	End Link Bushing	2
N	6085-001-013	Lock Bar Assembly (page 105)	1
P	6085-001-015	Foot End Assembly, Left (page 115)	1
R	6085-001-089	Cross Brace	2
T	6085-001-099	Rack, Right	1
U	6085-001-100	Rack, Left	1
V	6085-001-141	Side Release Spacer	1
W	6085-001-142	Side Release Handle	1
Y	6085-001-159	Label, Side Release	1
AA	6085-001-175	Rack Washer	4
AB	0008-020-000	Socket Head Shoulder Screw	4
AC	0008-079-000	Socket Head Shoulder Screw	2
AD	6085-001-098	Bumper Housing	1
AE	6085-001-101	Rack Bumper Deadstop	2
AF	0014-004-000	Washer	10
AG	0038-374-000	Crest-to-Crest Spring	2

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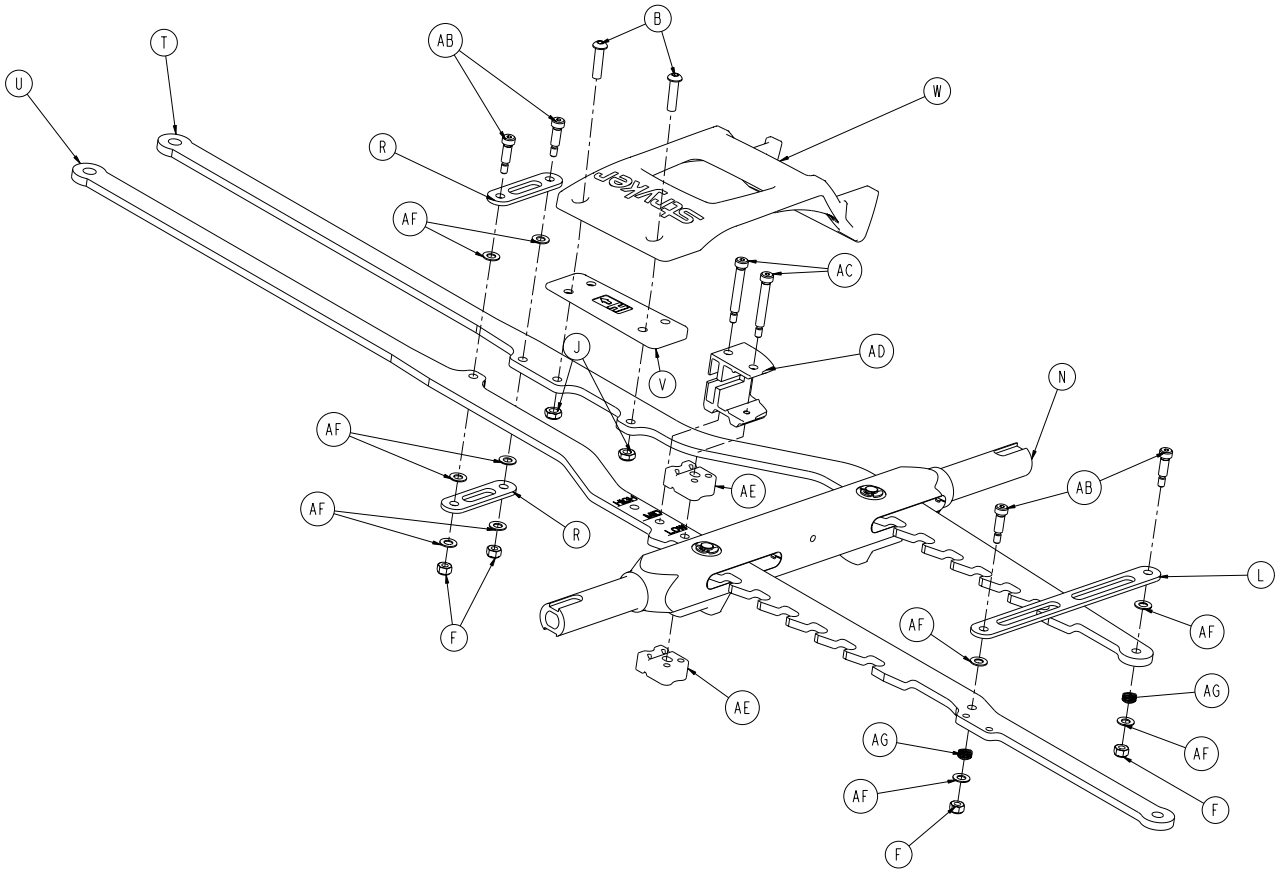
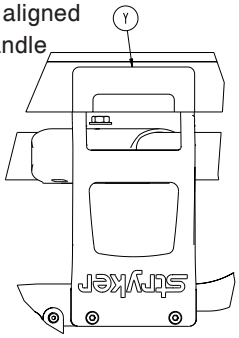
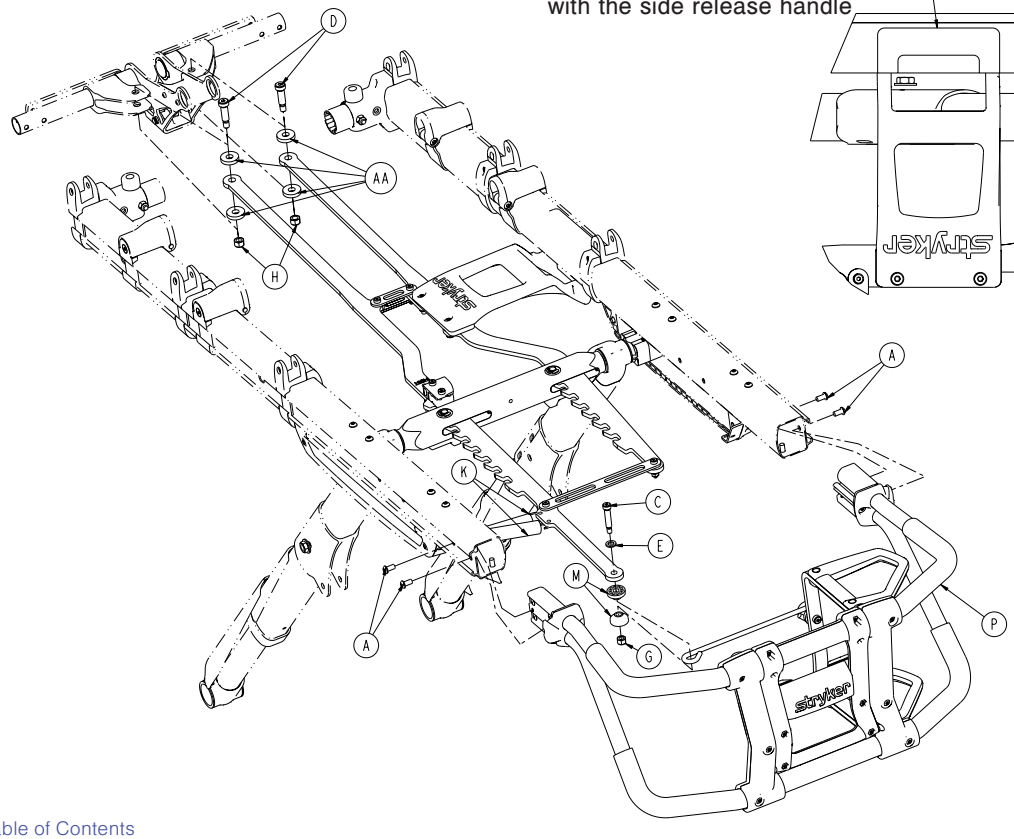
Optional Right Hand Release Handle

6086-030-000 Rev A (Reference Only)



Apply label to outer rail aligned with the side release handle





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Optional Right Hand Release Handle

Optional Right Hand Release Handle - 6086-030-000 Rev A (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-589-000	Button Head Cap Screw	4
B	0004-594-000	Button Head Cap Screw	2
C	0008-033-000	Socket Head Shoulder Screw	1
D	0008-081-000	Socket Head Shoulder Screw	2
E	0011-352-000	Washer	1
F	0016-002-000	Fiberlock Hex Nut	4
G	0016-028-000	Fiberlock Hex Nut	1
H	0016-036-000	Nylock Hex Nut	2
J	0016-102-000	Nylock Hex Nut	2
K	0038-508-000	Extension Spring	2
L	6082-005-038	Cross Brace	1
M	6082-040-025	End Link Bushing	2
N	6085-001-013	Lock Bar Assembly (page 105)	1
P	6085-001-015	Foot End Assembly, Left (page 115)	1
R	6085-001-089	Cross Brace	2
T	6085-001-099	Rack, Right	1
U	6085-001-100	Rack, Left	1
V	6085-001-141	Side Release Spacer	1
W	6085-001-142	Side Release Handle	1
Y	6085-001-159	Label, Side Release	1
AA	6085-001-175	Rack Washer	4
AB	0008-020-000	Socket Head Shoulder Screw	4
AC	0008-079-000	Socket Head Shoulder Screw	2
AD	6085-001-128	Bumper Housing	1
AE	6085-001-101	Rack Bumper Deadstop	2
AF	0014-004-000	Washer	10
AG	0038-374-000	Crest-to-Crest Spring	2

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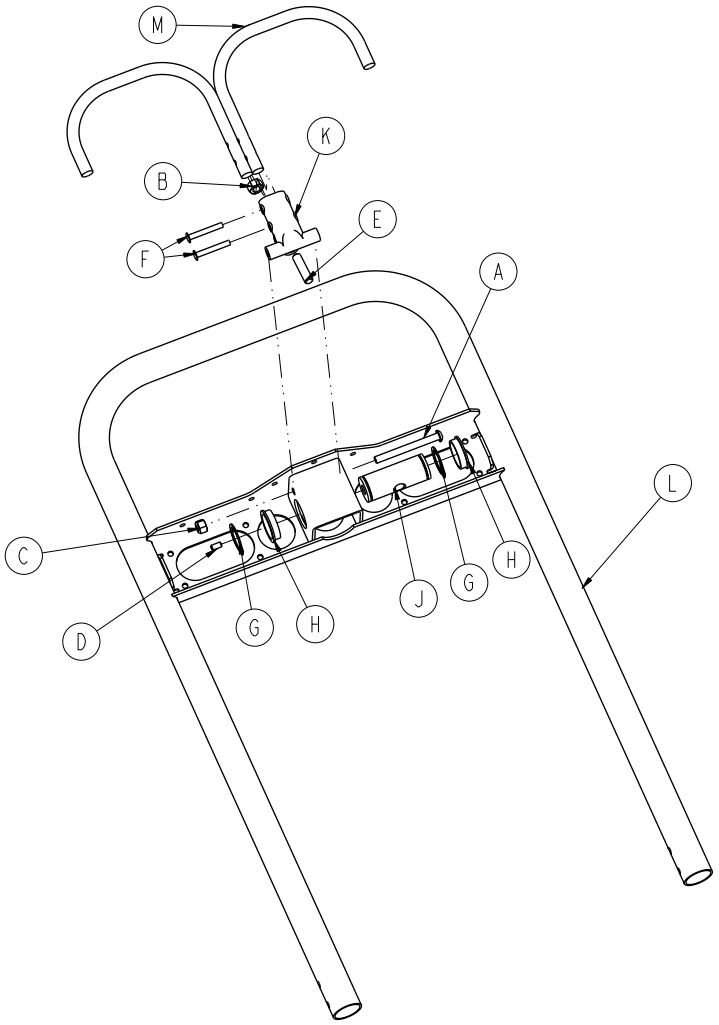
Fowler Assembly

6500-001-018 Rev C (Reference Only)



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	0021-180-000	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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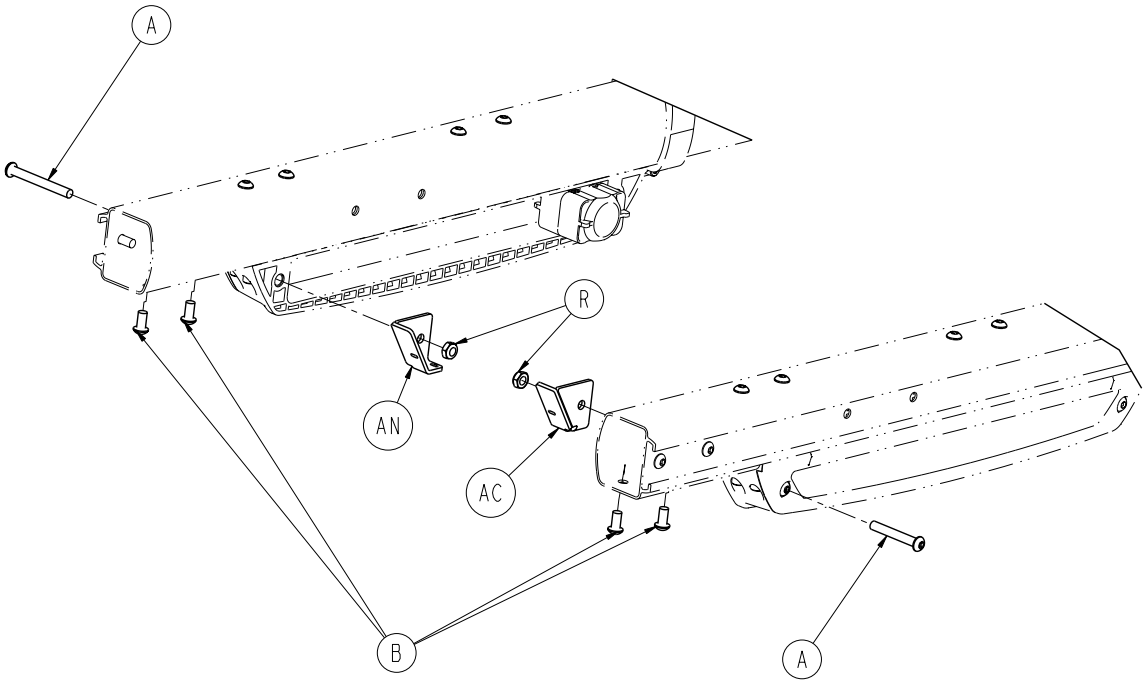
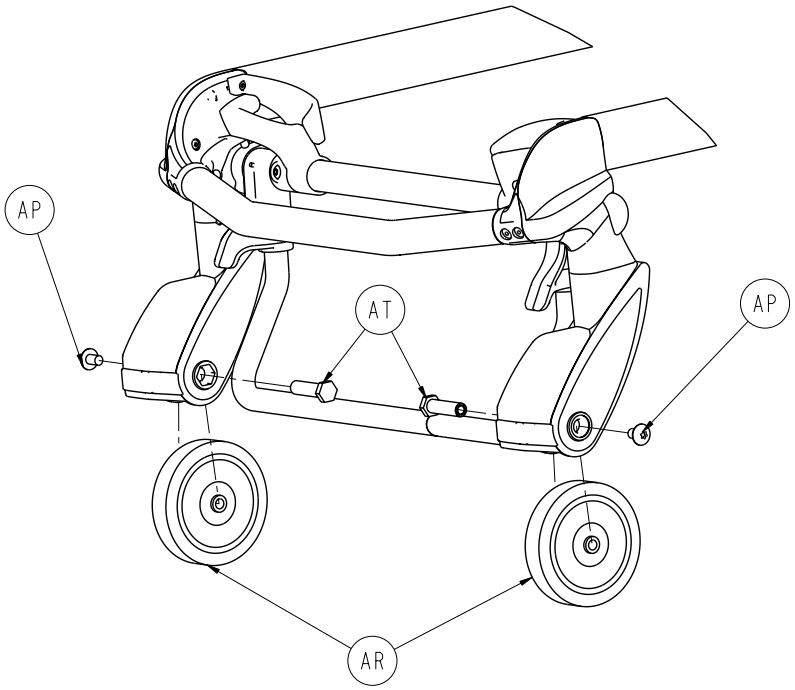
6086-050-000 Rev B (Reference Only)





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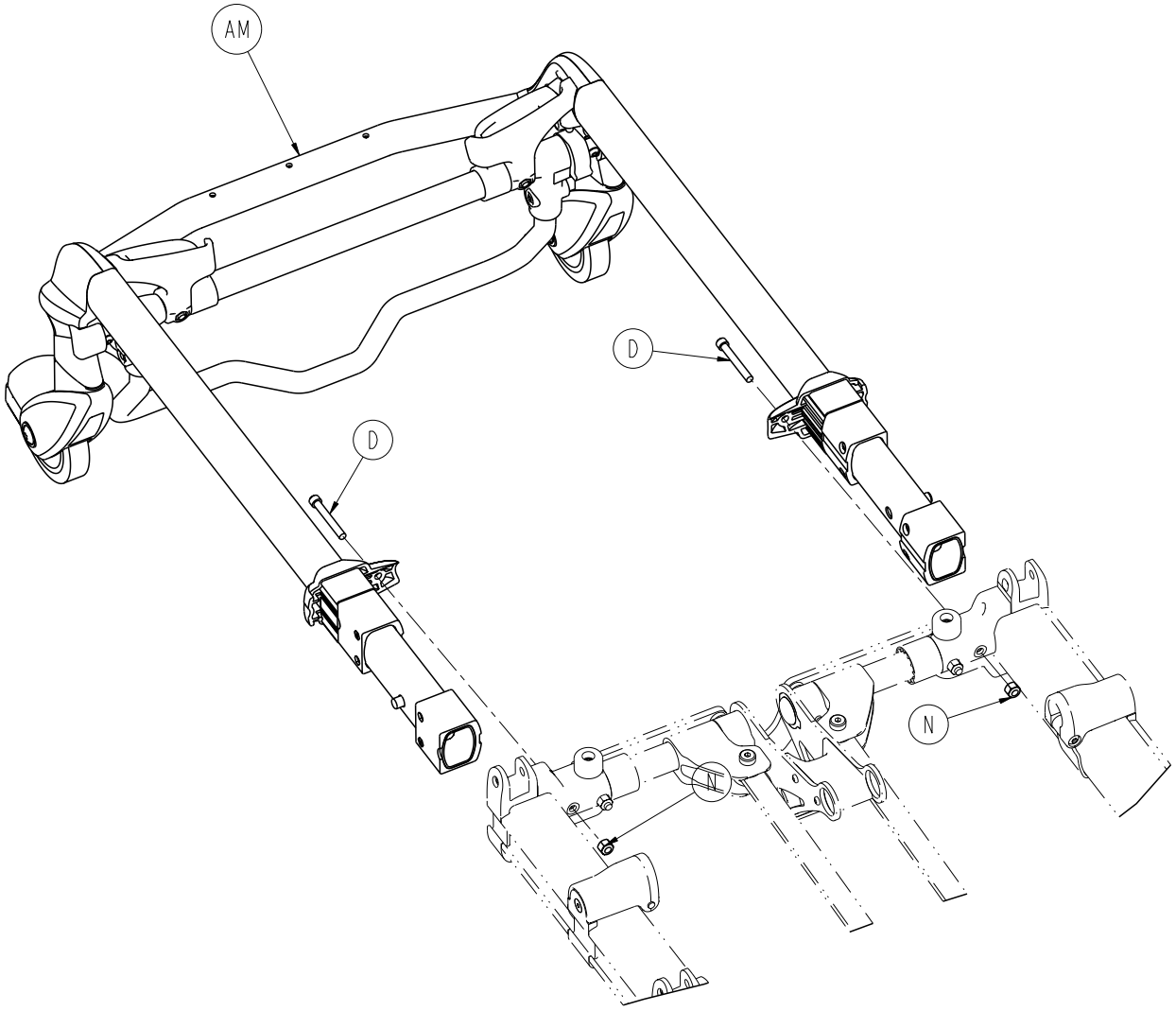
Non-Power-LOAD Compatible Option



Non-Power-LOAD Compatible Option - 6086-050-000 Rev B (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-387-000	Button Head Cap Screw	2
B	0004-589-000	Button Head Cap Screw	4
D	0004-595-000	Socket Head Cap Screw	2
N	0016-028-000	Fiberlock Hex Nut	2
R	0016-102-000	Nylock Hex Nut	2
AC	6085-001-092	Rack Spring Bracket	1
AM	6500-002-020	Headsection (page 153)	1
AN	6085-001-104	Rack Spring Bracket	1
AP	0007-556-000	Truss Head Machine Screw	2
AR	6500-001-086	Front Wheel	2
AT	6500-002-106	Load Wheel Fastener	2

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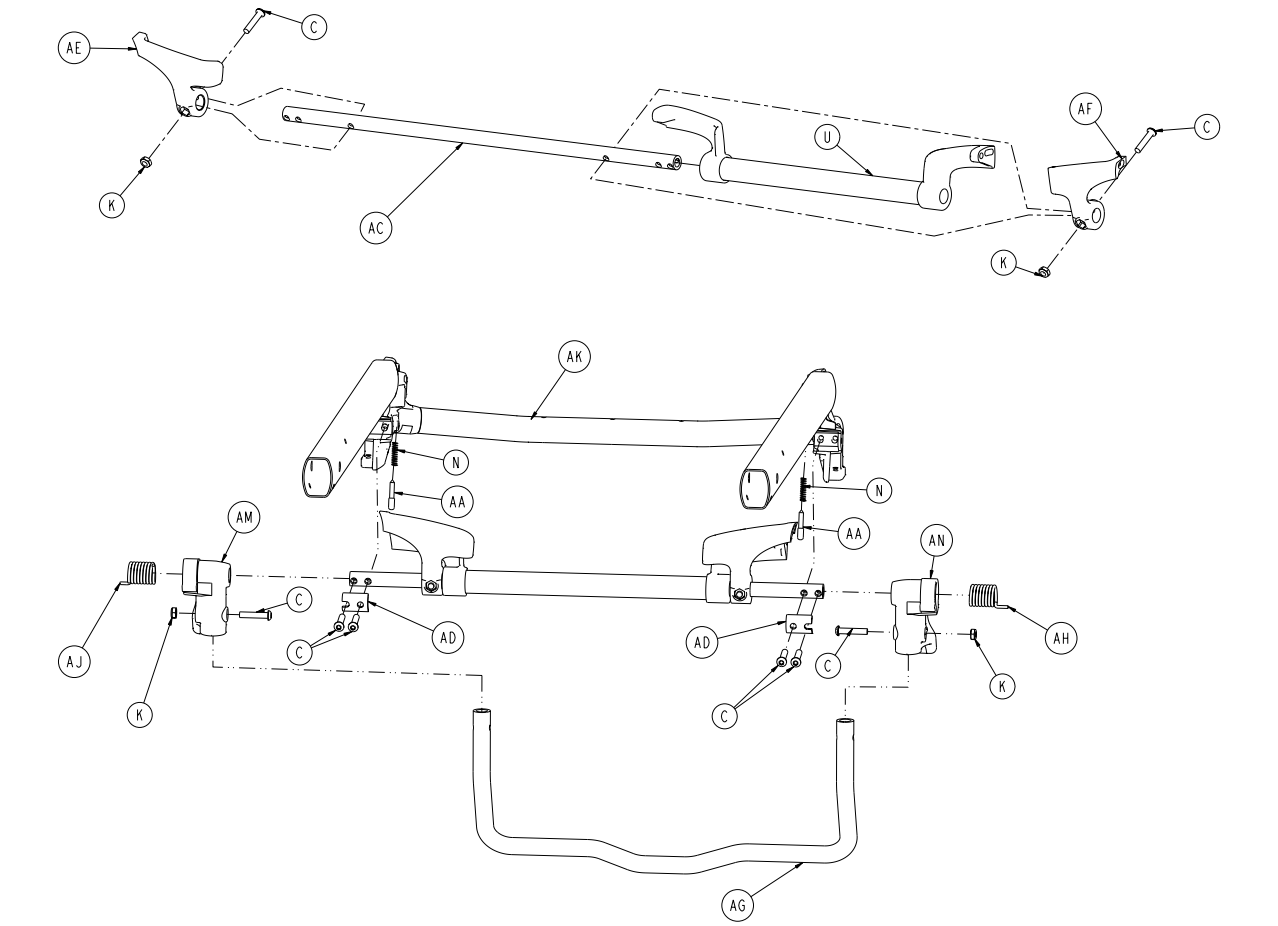
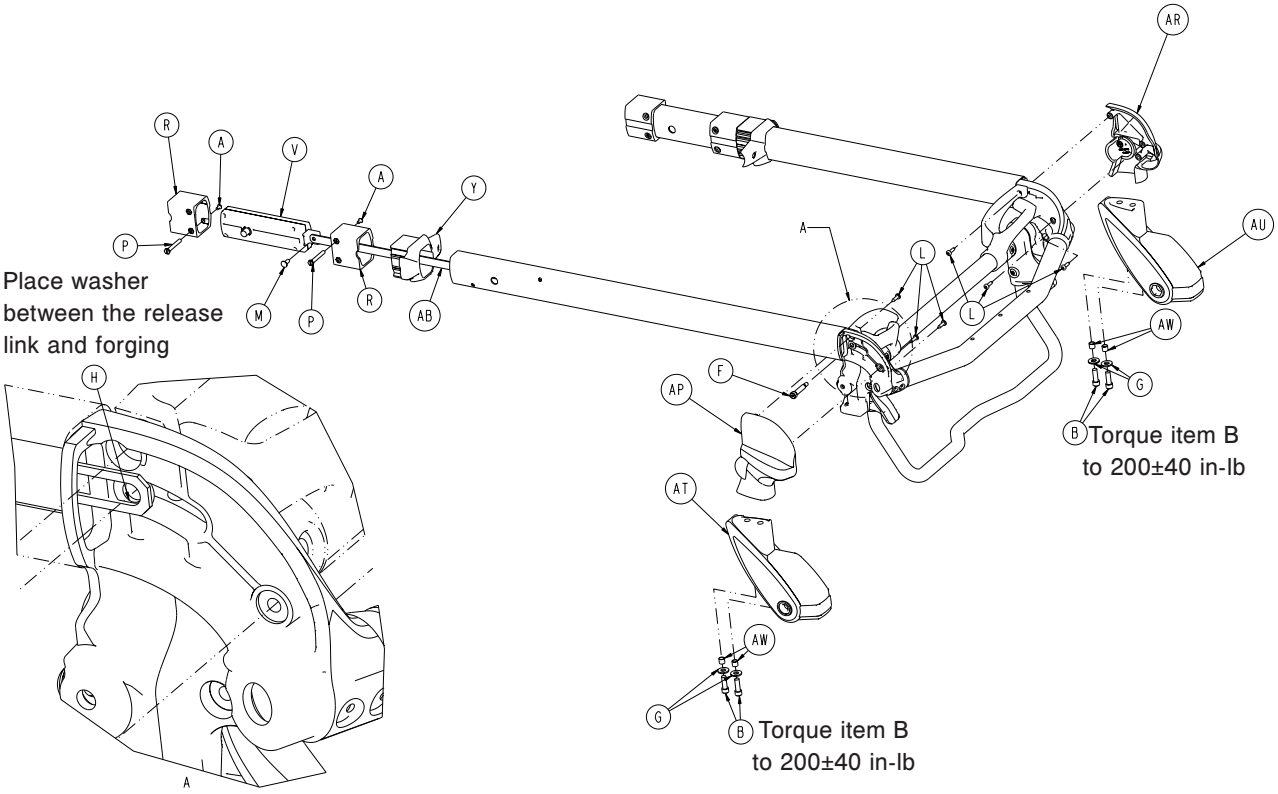
Headsection - 6500-002-020

Rev D





Place washer between the release link and forging

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Headsection - 6500-002-020

Item	Part No.	Part Name	Qty.
A	0004-168-000	Button Head Cap Screw	4
B	0004-591-000	Socket Head Cap Screw	4
C	0004-612-000	Button Head Cap Screw	8
F	0008-030-000	Socket Head Shoulder Screw	2
G	0011-624-000	Washer	4
H	0014-002-000	Washer	2
K	0016-102-000	Nylock Hex Nut	4
L	0023-162-000	Delta Screw	6
M	0025-126-000	Semi-Tubular Rivet	2
N	0038-570-000	Compression Spring	2
P	6085-001-169	Headsection Nut	4
R	6085-001-170	Internal Bearing	4
U	6500-001-023	Head Trigger Assembly	1
V	6500-001-026	Head Section Lock Assy (page 123)	2
Y	6500-001-087	Cap Bearing	2
AA	6500-001-093	Safety Bar Lock Pin	2
AB	6500-001-096	Head Section Release Link	2
AC	6500-001-220	Head Section Pivot Cross Tube	1
AD	6500-001-221	Cross Tube Clamp	2
AE	6500-001-280	Head Section Guard, Right	1
AF	6500-001-281	Head Section Guard, Left	1
AG	6500-001-322	Sliding Head Section Safety Bar	1
AH	6500-001-325	Safety Bar Torsion Spring, Left	1
AJ	6500-001-326	Safety Bar Torsion Spring, Right	1
AK	6500-002-025	Telescoping Tube Assy	1
AM	6500-002-107	Safety Bar Pivot, Right	1
AN	6500-002-108	Safety Bar Pivot, Left	1
AP	6500-002-109	Load Wheel Horn Cover, Left	1
AR	6500-002-110	Load Wheel Horn Cover, Right	1
AT	6500-002-120	Load Wheel Horn, Left	1
AU	6500-002-121	Load Wheel Horn, Right	1
AW	6500-002-114	Compression Limiter Sleeve	4

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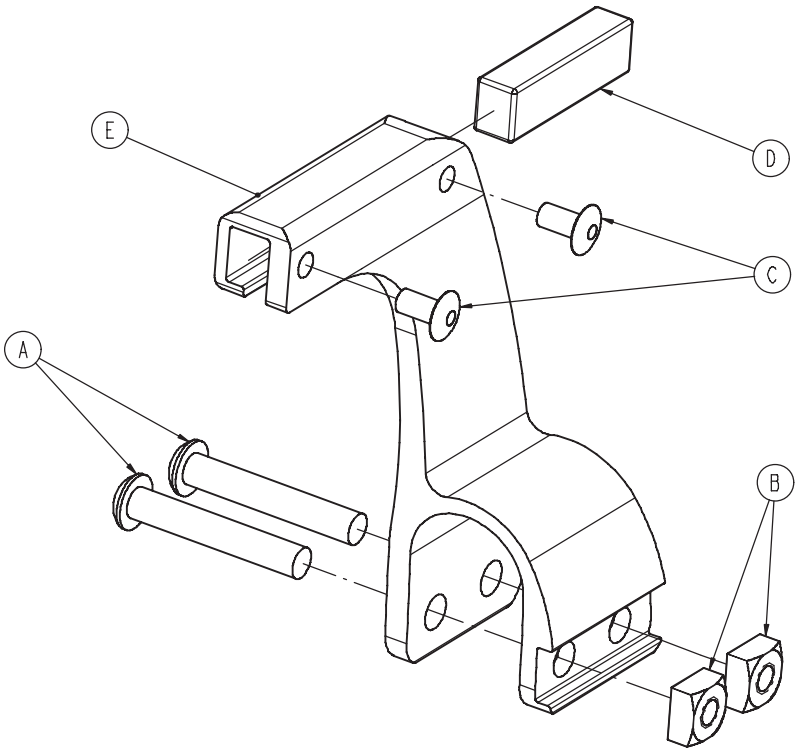
Optional In-Fastener Shut-Off Assembly - 6500-001-027

Rev C



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

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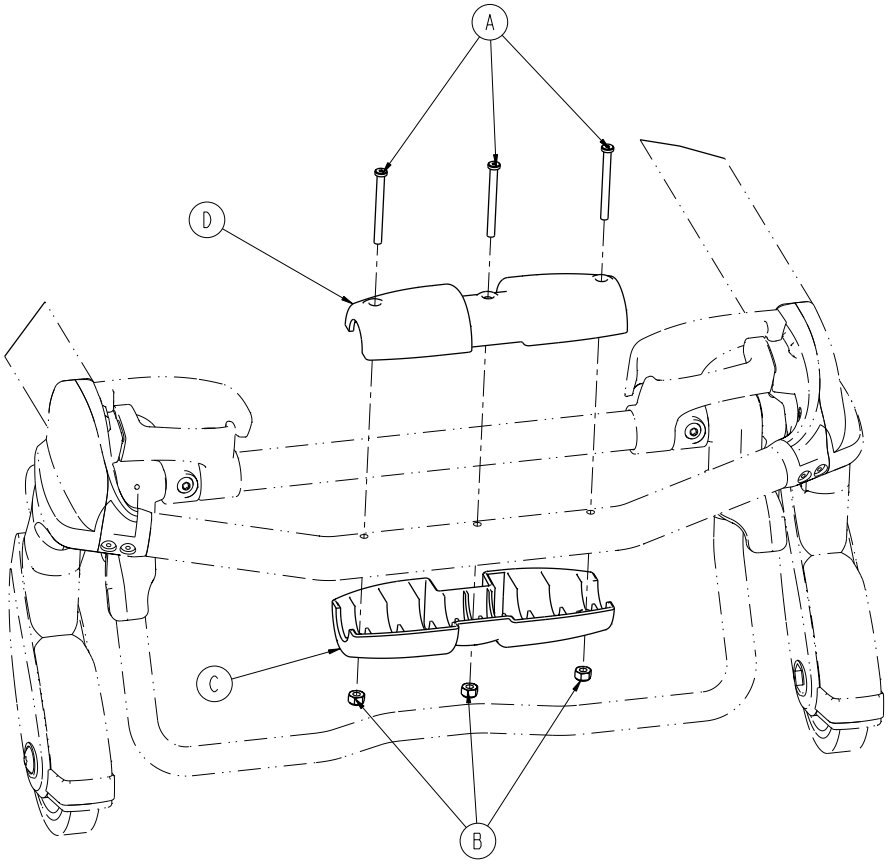
No Headsection Oxygen Bottle Holder Option - 6506-036-000

Rev A



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

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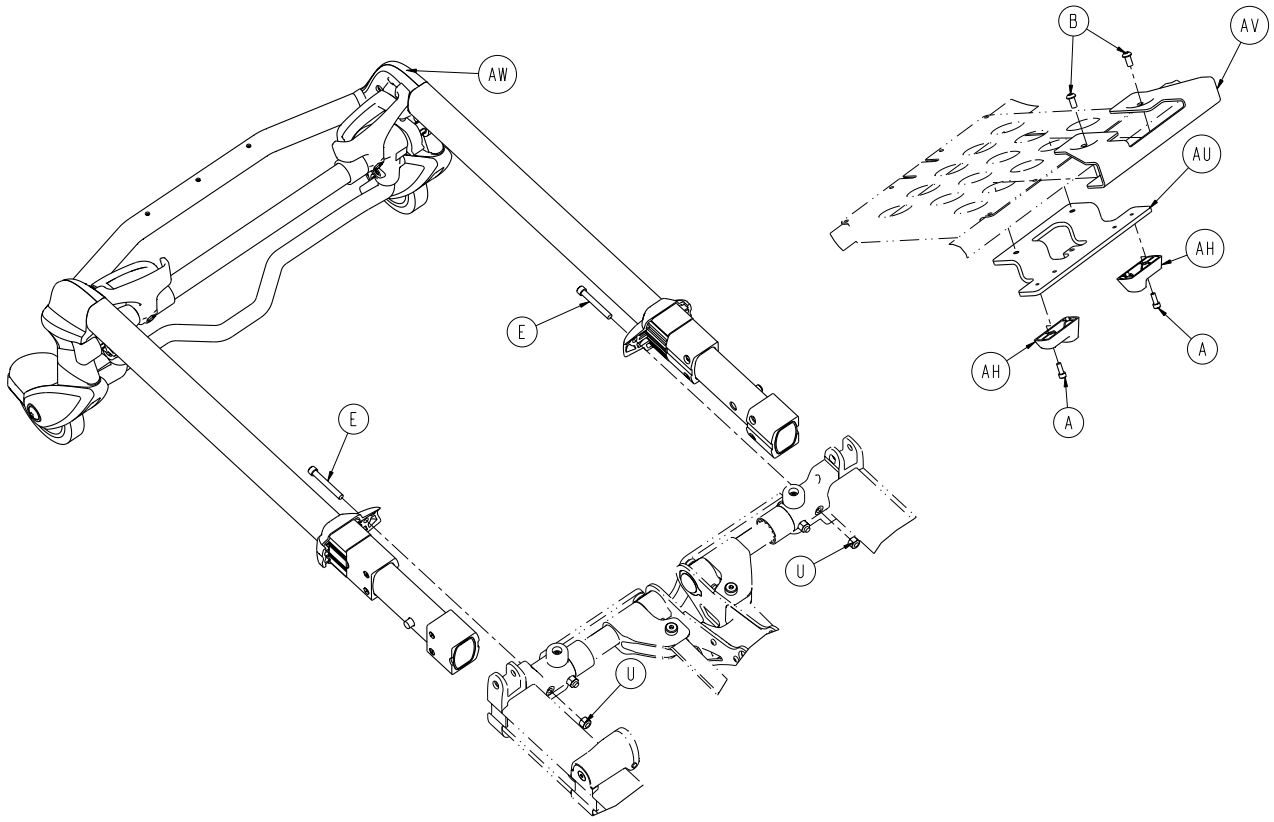
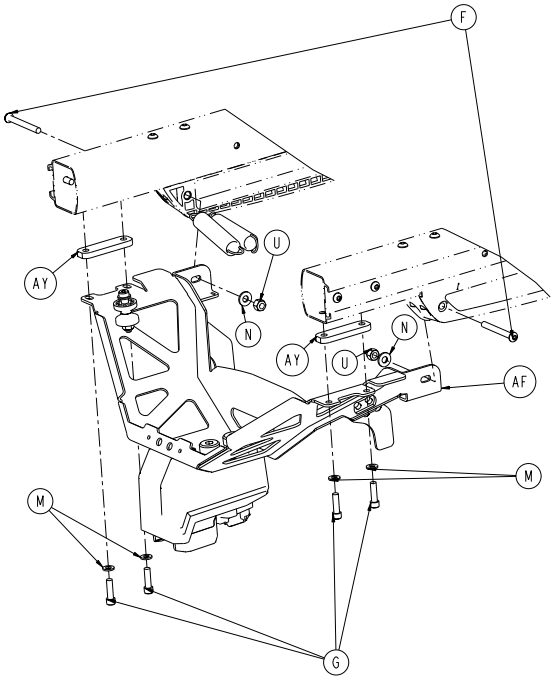
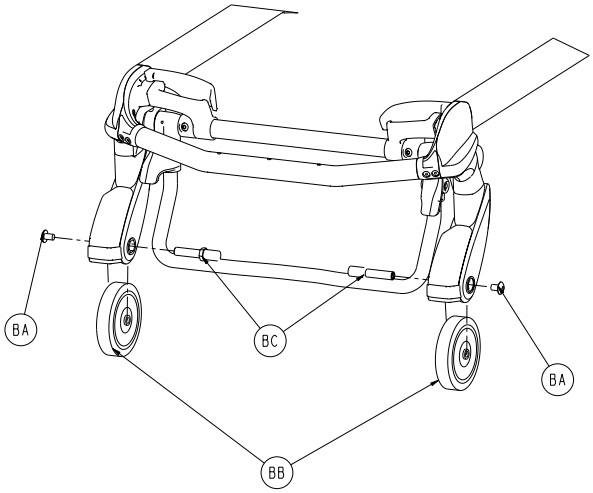
Power-LOAD Compatible Option - 6086-055-000

Rev C







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Power-LOAD Compatible Option - 6086-055-000

Item	Part No.	Part Name	Qty.
A	0004-348-000	Socket Head Cap Screw	2
B	0004-589-000	Button Head Cap Screw	2
E	0004-495-000	Socket Head Cap Screw	2
F	0004-387-000	Button Head Cap Screw	2
G	0004-661-000	Socket Head Cap Screw	4
M	0011-065-000	Washer	4
N	0011-077-000	Washer	2
U	0016-028-000	Fiberlock Hex Nut	4
AF	6085-001-032	Foot End Fastener Assy (page 163)	1
AH	6085-001-094	Base Dead Stop	2
AU	6085-001-181	Load Arm Guide Bracket, Bottom	1
AV	6085-001-182	Load Arm Guide Bracket, Top	1
AW	6500-002-020	Headsection (page 131)	1
AY	6500-002-126	Foot End Fastener Spacer Plate	2
BA	0007-556-000	Truss Head Machine Screw	2
BB	6500-001-086	Front Wheel	2
BC	6500-002-104	Load Wheel Pin	2

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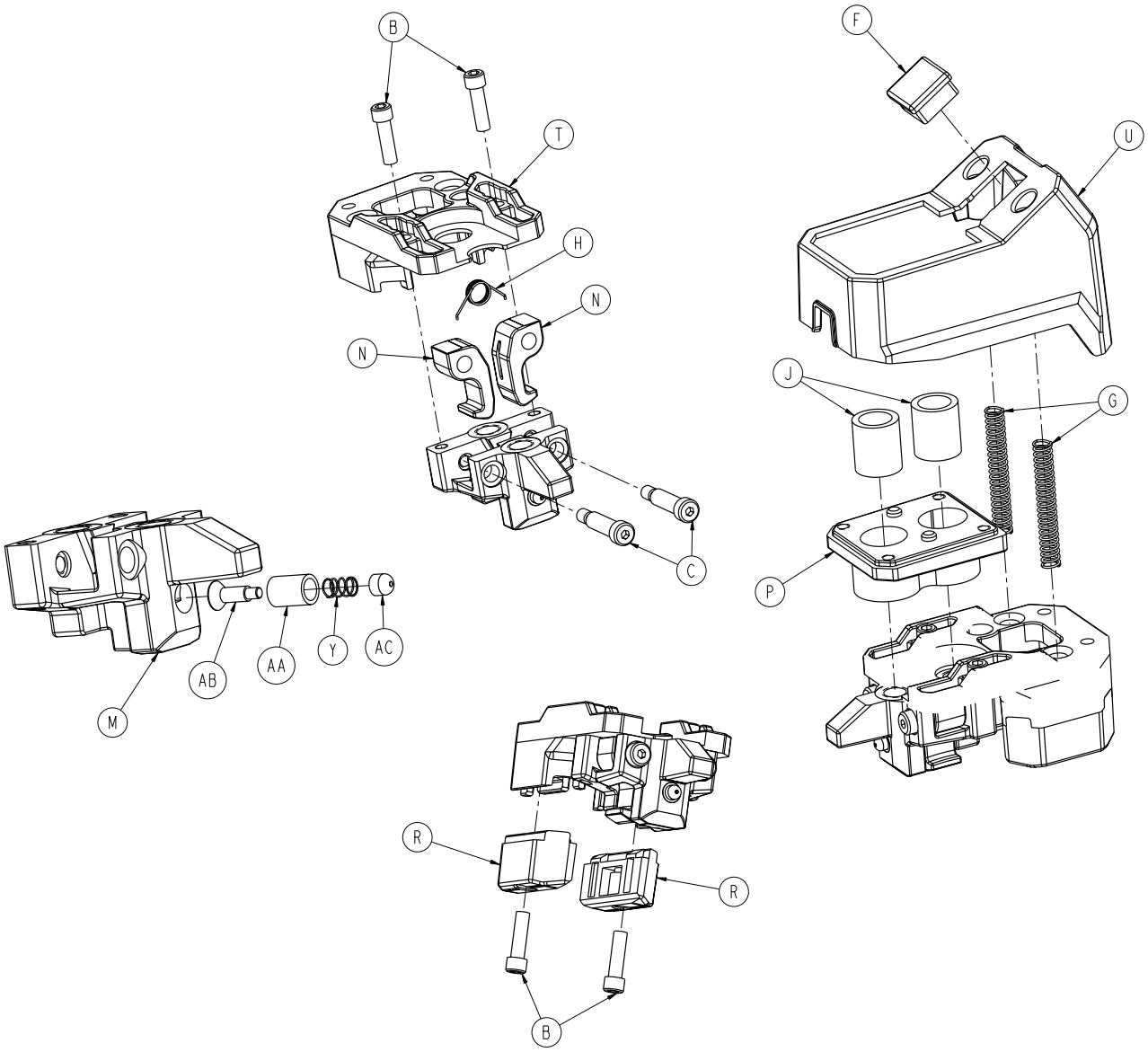
Foot End Fastener Assembly (Power-LOAD Compatible Option)

6085-001-032 Rev E (Reference Only)



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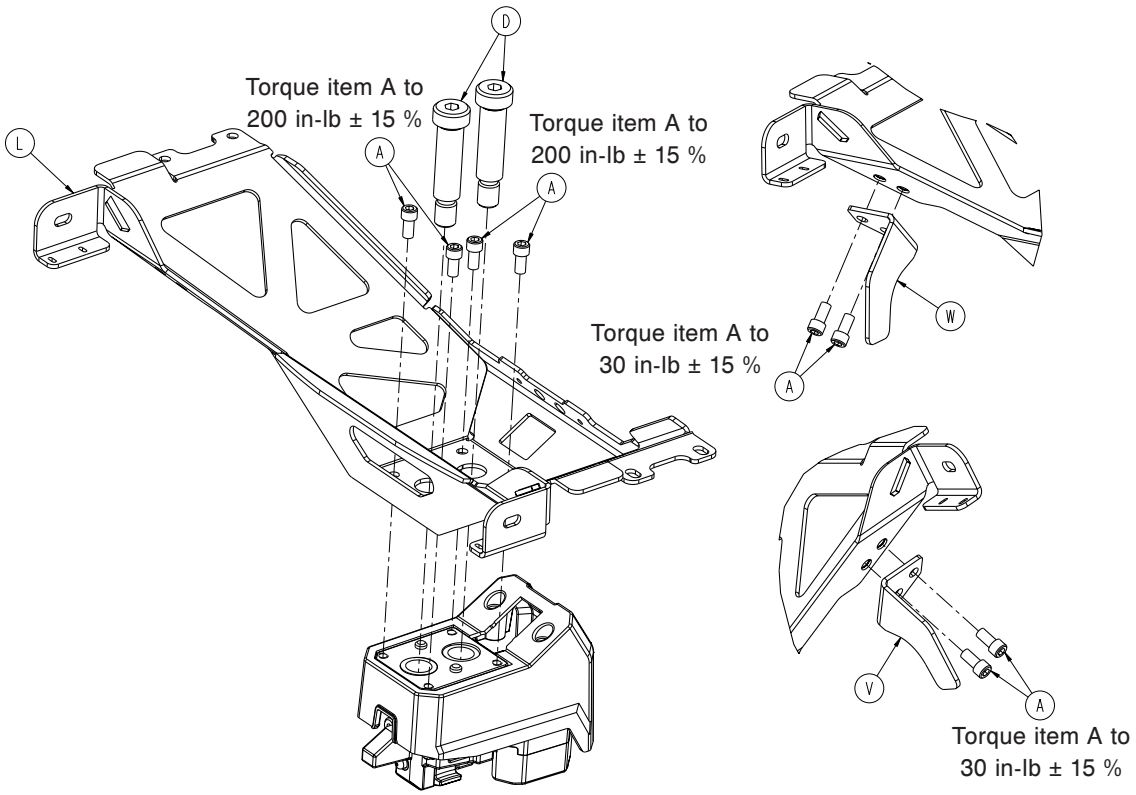
Foot End Fastener Assembly (Power-LOAD Compatible Option)



Foot End Fastener Assembly (Power-LOAD Compatible Option) - 6085-001-032 Rev E (Reference Only)

Item	Part No.	Part Name	Qty.
A	0004-660-000	Socket Head Cap Screw	8
B	0004-661-000	Socket Head Cap Screw	4
C	0008-088-000	Socket Head Set Screw	2
D	0008-087-000	Socket Head Set Screw	2
F	0037-010-000	Hole Plug	1
G	0038-889-000	Compression Spring	2
H	0038-891-000	Torsion Spring	1
J	0081-437-000	Sleeve Bearing	2
L	6500-002-050	Bracket Weldment	1
M	6500-002-111	Foot End Fastener Guide	1
N	6500-002-112	Cot Foot End Fastener Hook	2
P	6500-002-113	Foot End Fastener Bearing Plate	1
R	6500-002-122	Foot End Faster Cot Wear Pad	2
T	6500-002-129	Floating Plate	1
U	6500-002-136	Foot End Fastener Cot Housing	1
V	6500-002-146	Foot End Fastener Cot Hook, Right	1
W	6500-002-147	Foot End Fastener Cot Hook, Left	1
Y	0038-001-012	Compression Spring	1
AA	6500-002-148	Plunger Housing	1
AB	6500-002-149	Plunger	1
AC	6500-002-152	Plunger Cap	1

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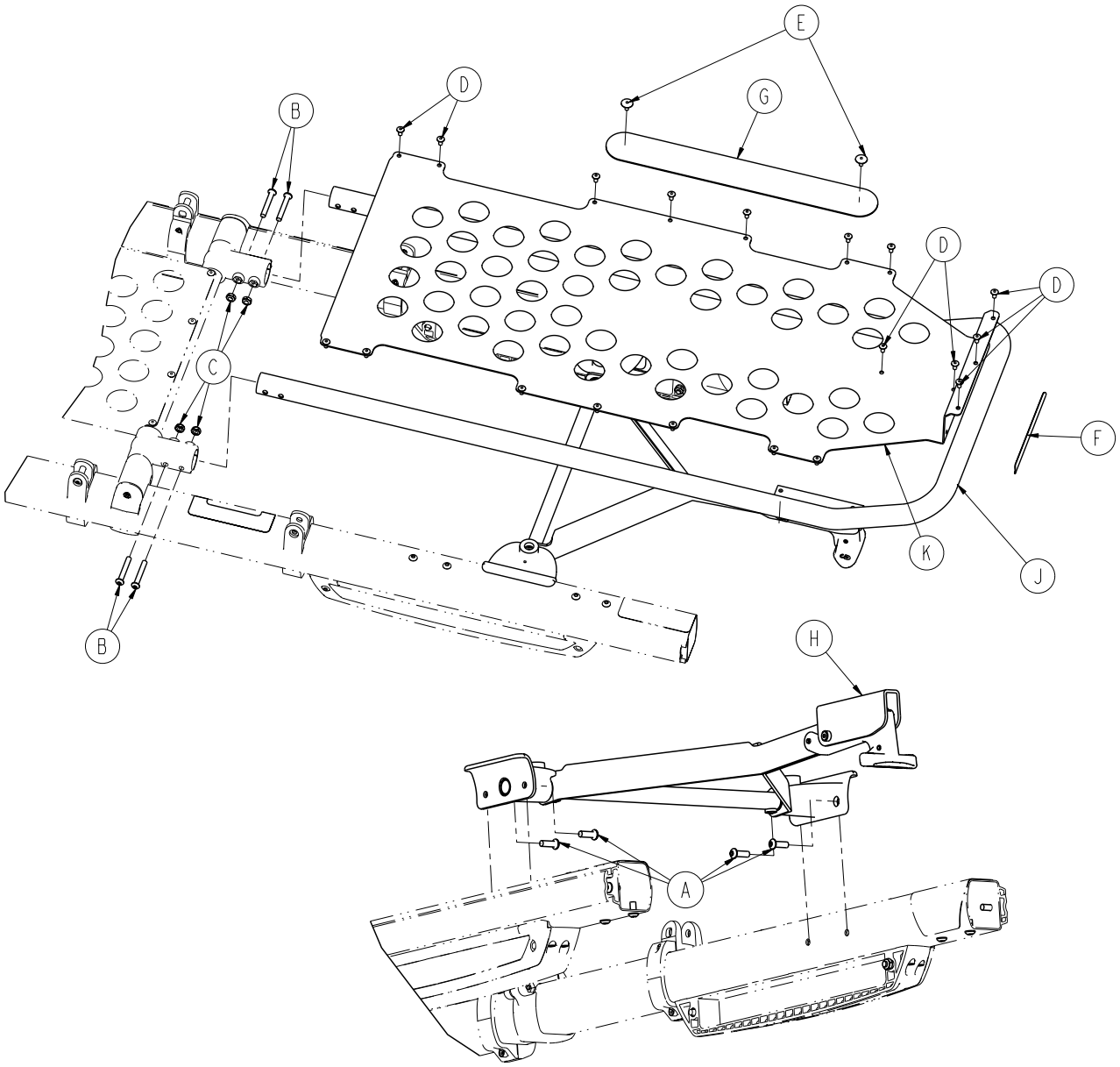
Trend - 6085-031-000

Rev A



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	Label, Small	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

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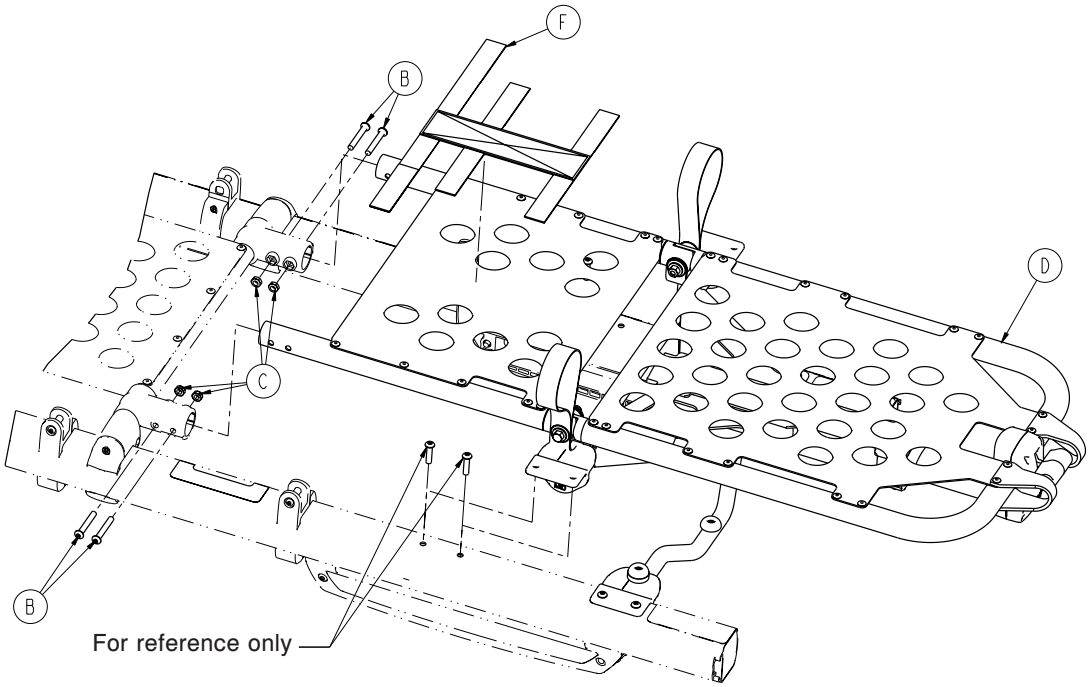
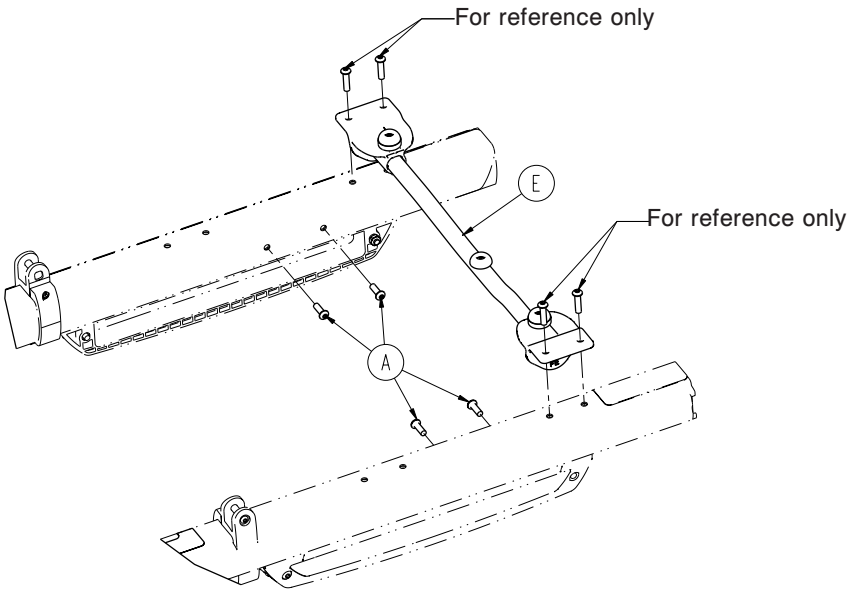
Optional Gatch - 6085-032-000

Rev A





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 (page 141)	1
E	6085-001-031	Gatch Support Assembly (page 144)	1
F	6550-001-197	Velcro Strap	1

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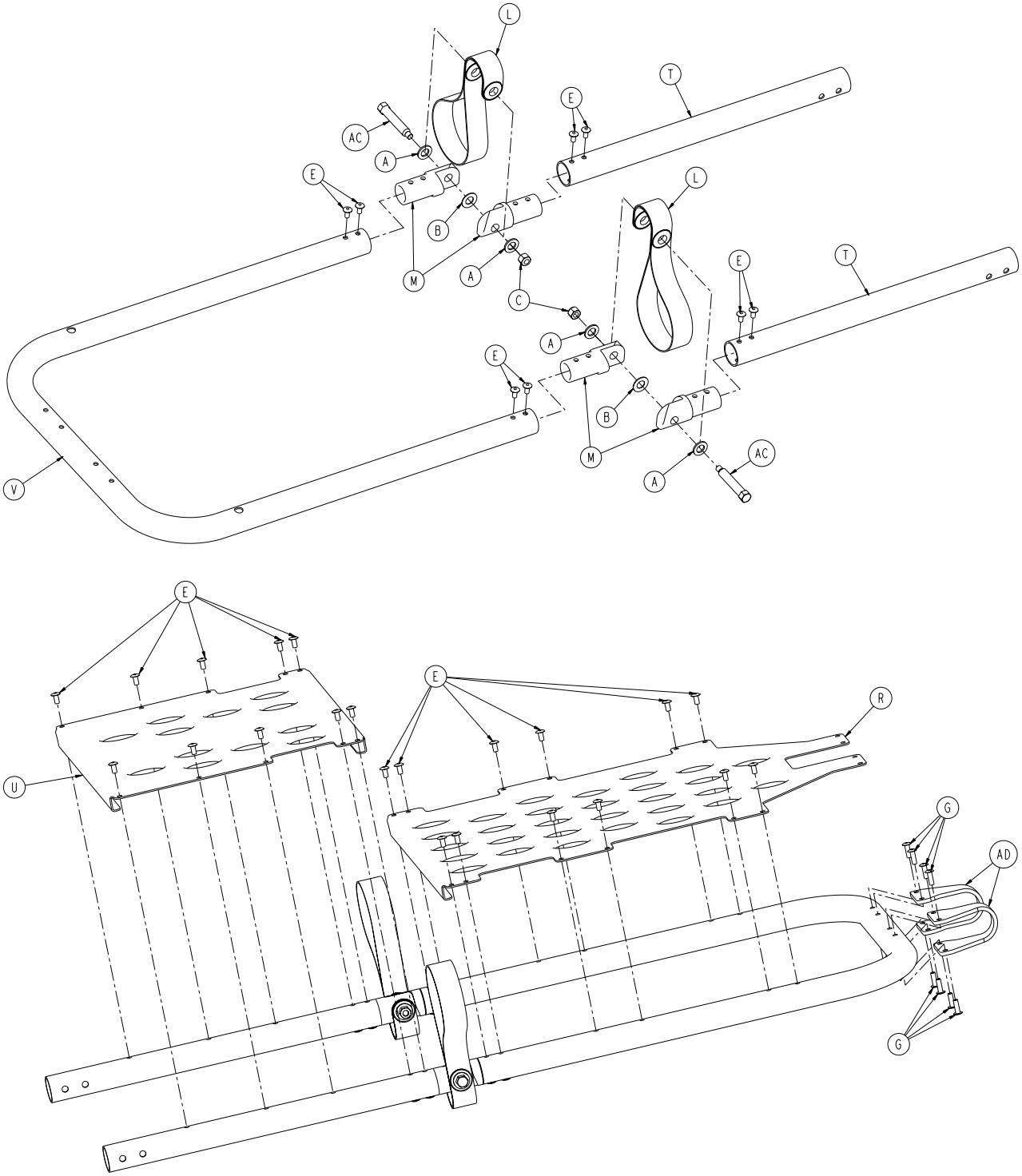
Optional Gatch Assembly

6085-001-030 Rev A (Reference Only)



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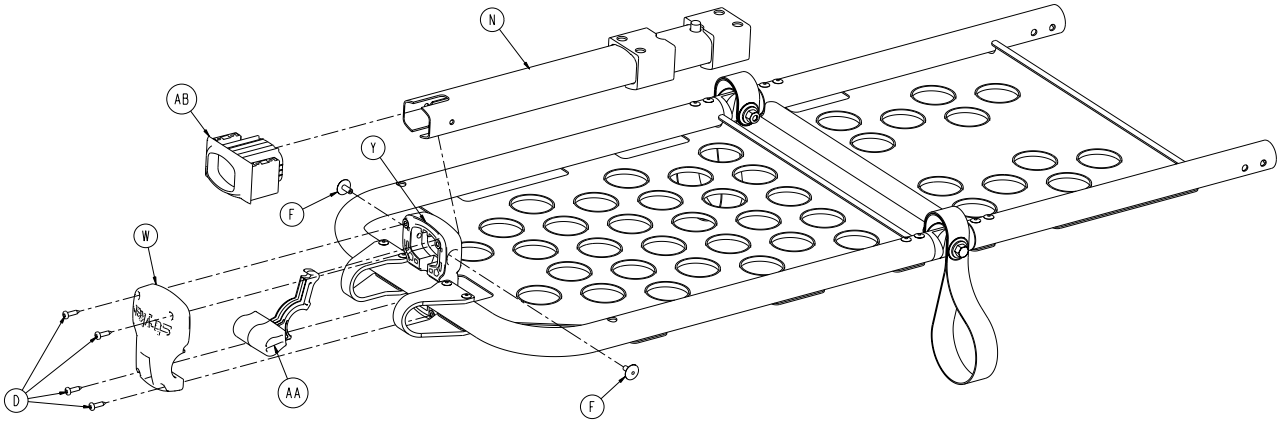
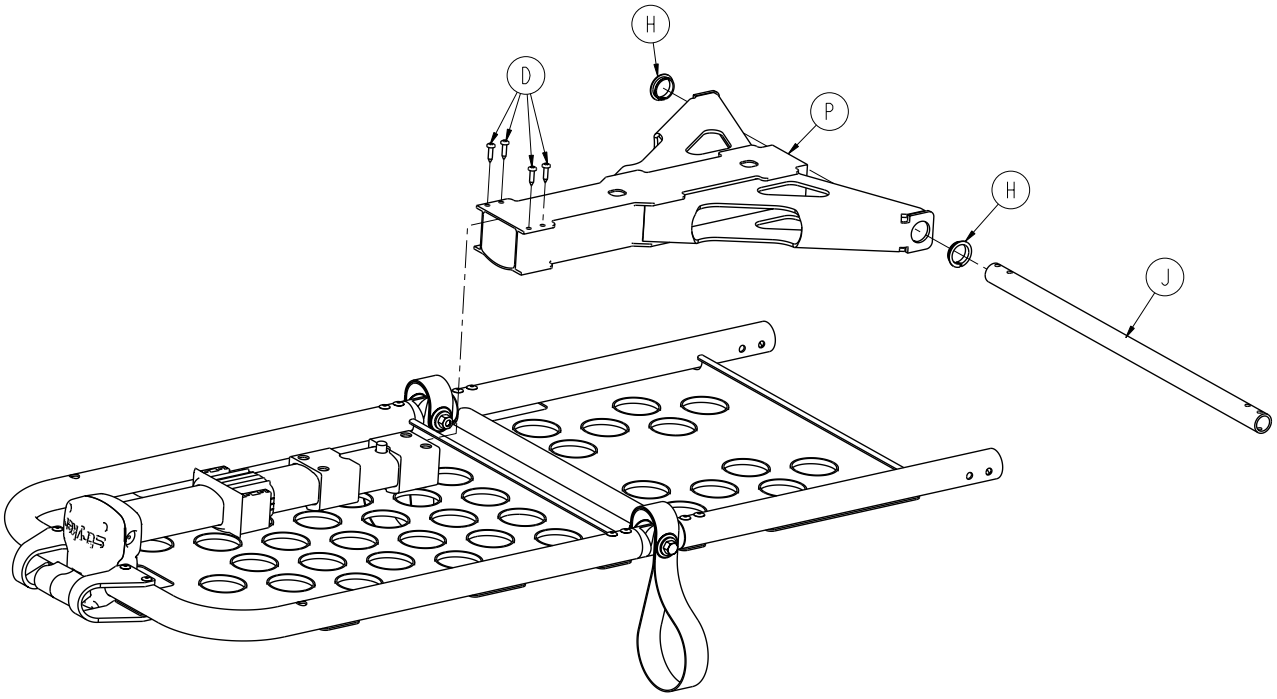
Optional Gatch Assembly





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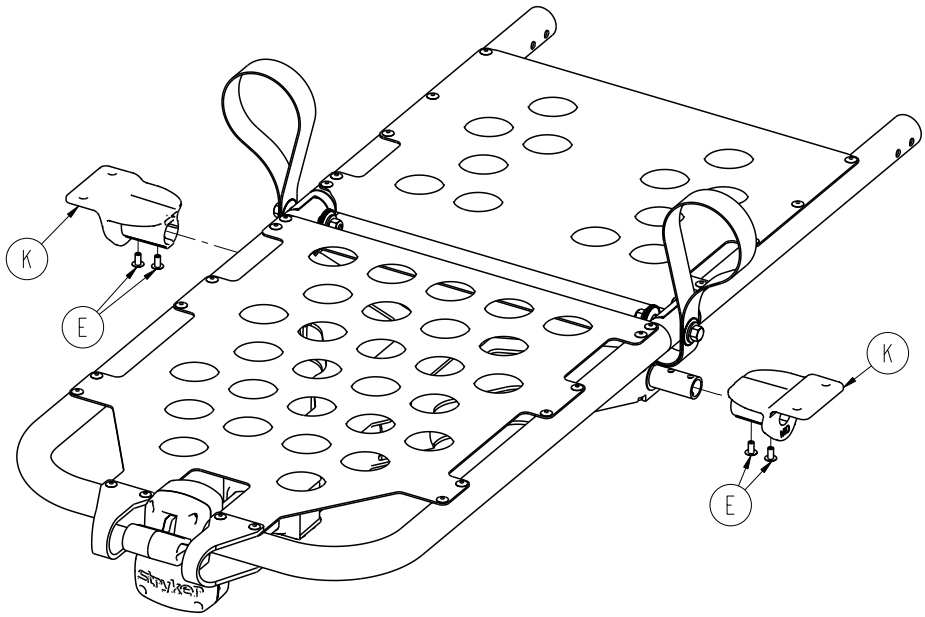
Optional Gatch Assembly



Optional Gatch Assembly - 6085-001-030 Rev A (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	6550-001-017	Gatch Telescoping Assembly	1
P	6550-001-057	Gatch Lock Tube Weldment	1
R	6550-001-110	Foot Section Skin	1
T	6550-001-111	Thigh Section Tube	2
U	6550-001-112	Thigh Section Skin	1
V	6550-001-116	Foot Section U-Tube	1
W	6550-001-124	Front Gatch Release	1
Y	6550-001-125	Back Gatch Release	1
AA	6550-001-126	Gatch Release Lever	1
AB	6550-001-131	Gatch Bearing End Cap	1
AC	6550-001-186	Gatch Pivot Pin	2
AD	6550-001-193	Gatch Handle Guard	2

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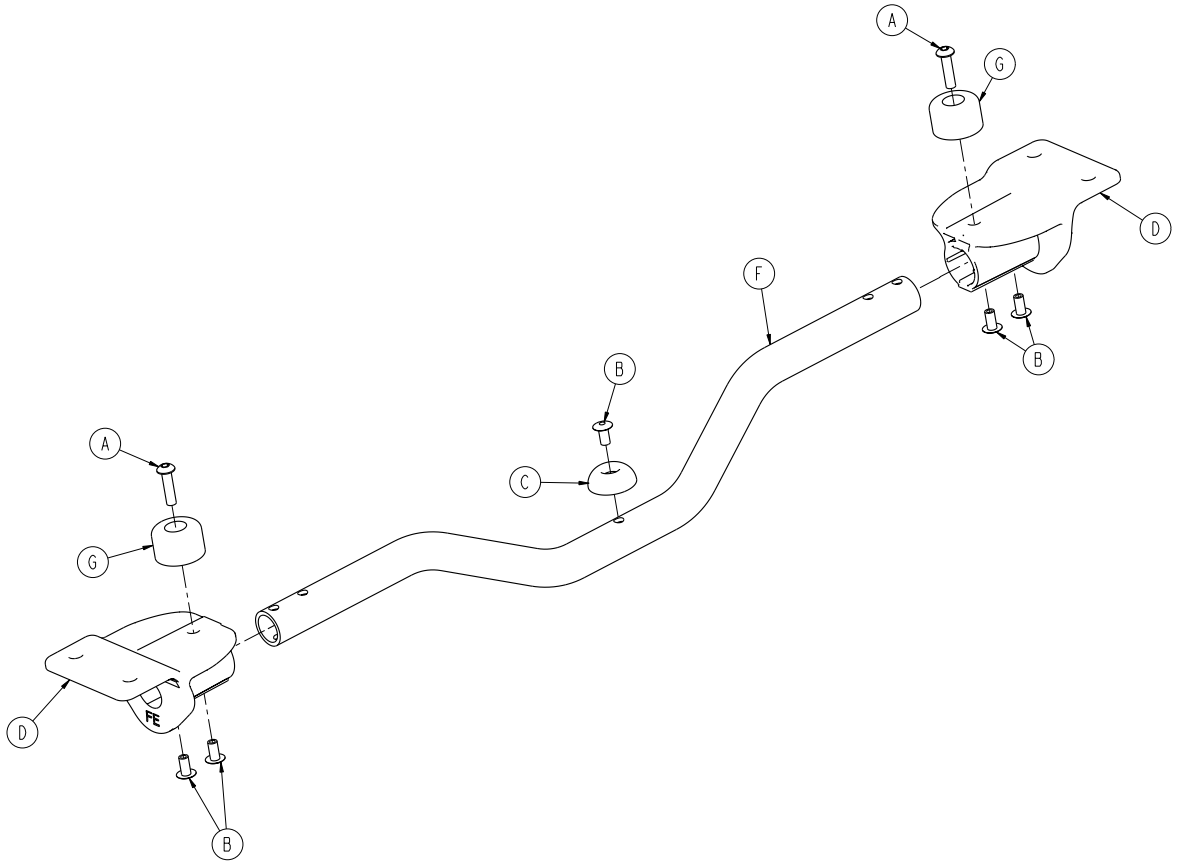
Optional Gatch Support Assembly

6085-001-031 Rev C (Reference Only)



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	1
D	6085-001-135	Gatch Support, Foot End	2
F	6500-001-346	Gatch Crosstube	1
G	0056-028-000	Bumper, Black	2

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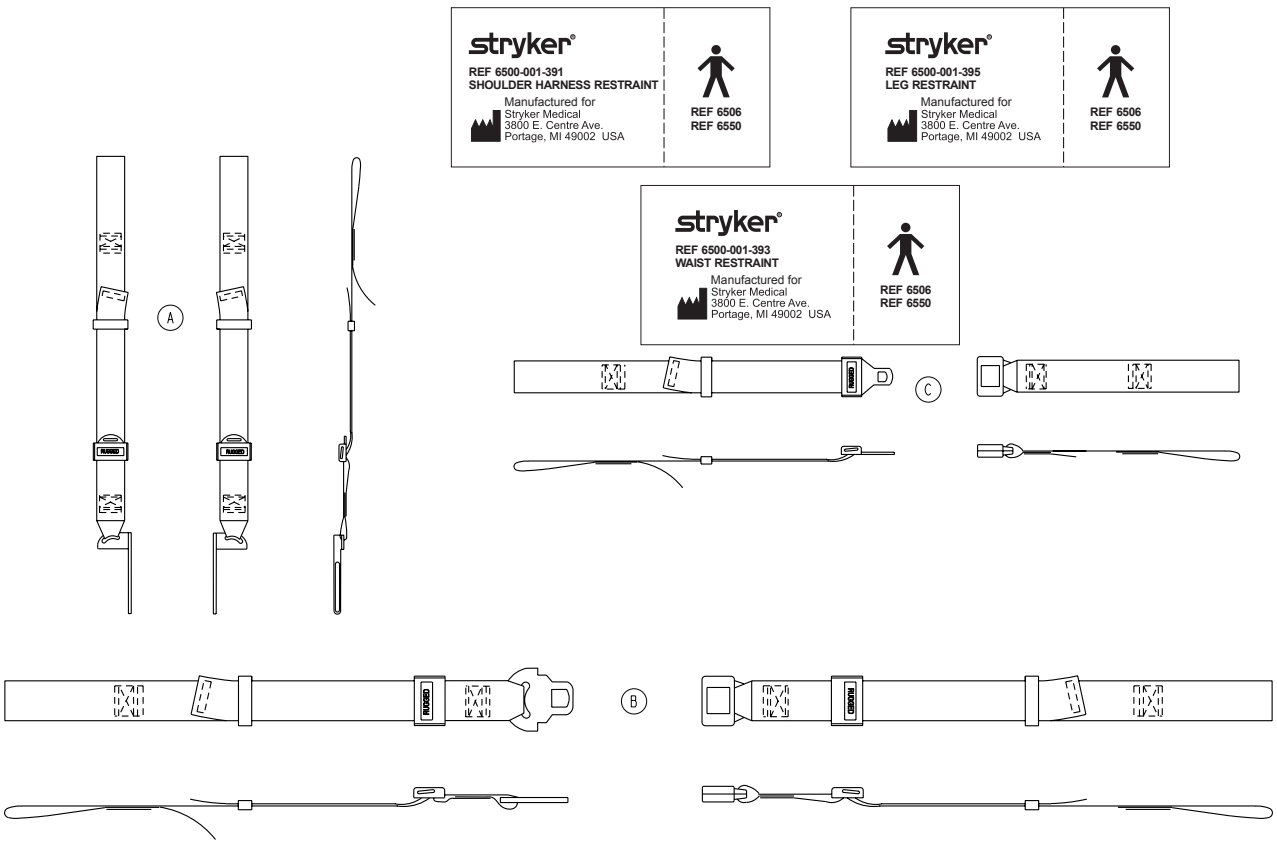
EMS Restraint Package - 6500-002-030

Rev D



Item	Part No.	Part Name	Qty.
A	6500-001-391	Shoulder Harness Restraint	1
B	6500-001-393	Waist Restraint	1
C	6500-001-395	Leg Restraint	2
D	6500-009-030	Restraint Strap Installation Instructions (not shown)	1

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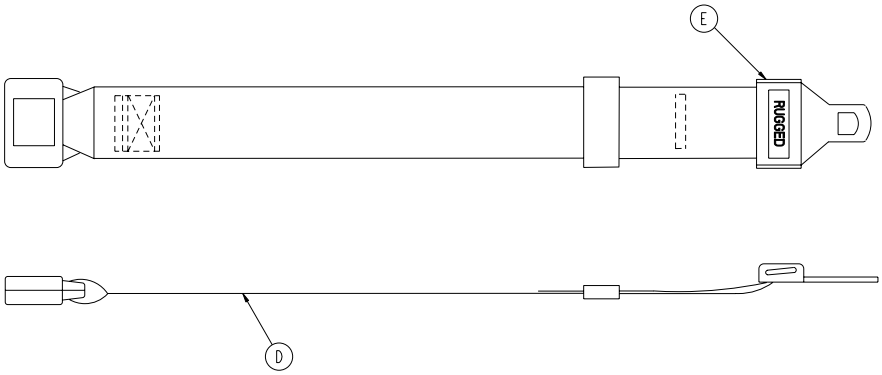
Restraint Extender, 3’ - 6082-160-050

Rev B



Item	Part No.	Part Name	Qty.
D	6082-090-001	Label, Part Number, Stryker	1
E	6060-090-011	Label	1

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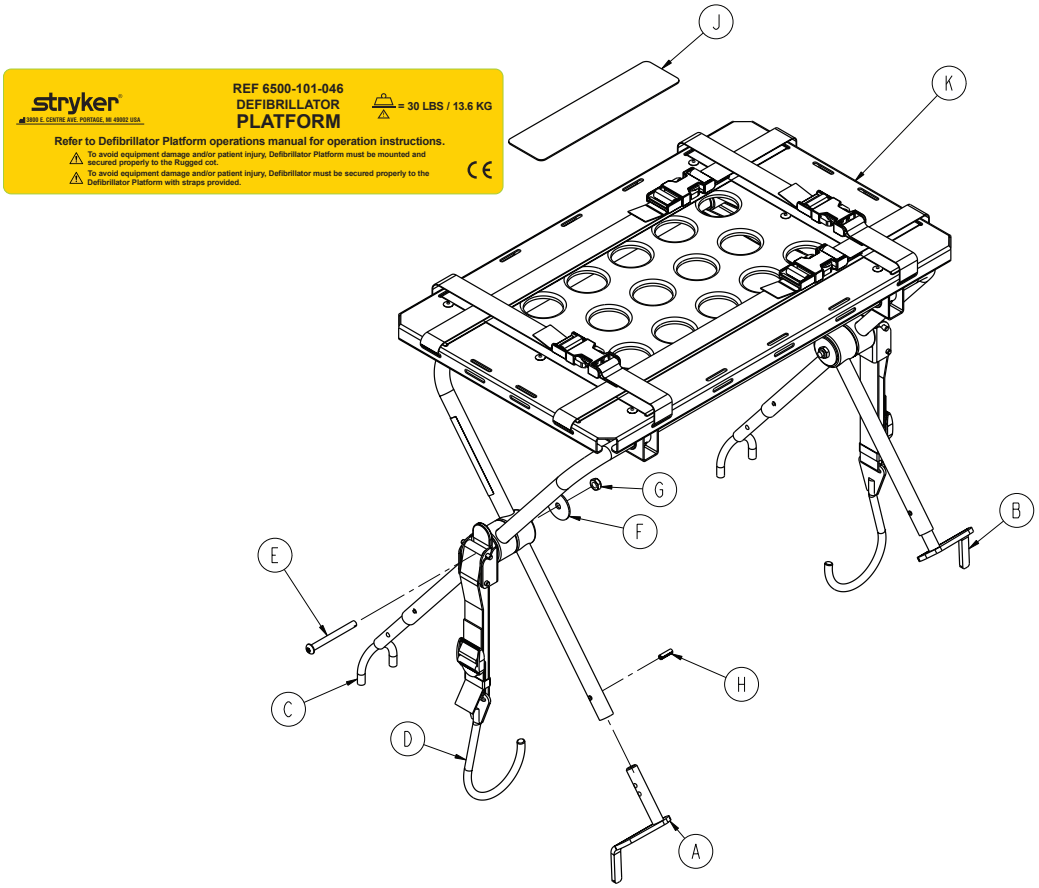
Defibrillator Platform - 6506-170-000

6500-101-046 Rev A (Reference Only)



Item	Part No.	Part Name	Qty.
A	6100-170-050	Head End Bracket Weldment, Left	1
B	6100-170-051	Head End Bracket Weldment, Right	1
C	6082-170-050	Defib U-Foot Weldment	2
D	6100-170-020	Defib Latch Strap Assembly	2
E	0004-234-000	Button Head Cap Screw	2
F	0011-355-000	Washer	2
G	0016-102-000	Nylock Nut	2
H	0026-172-000	Slotted Spring Pin	4
J	6500-101-298	Label, Defib Platform	1
K	6082-170-020	Defib Platform Common Components (page 148)	1

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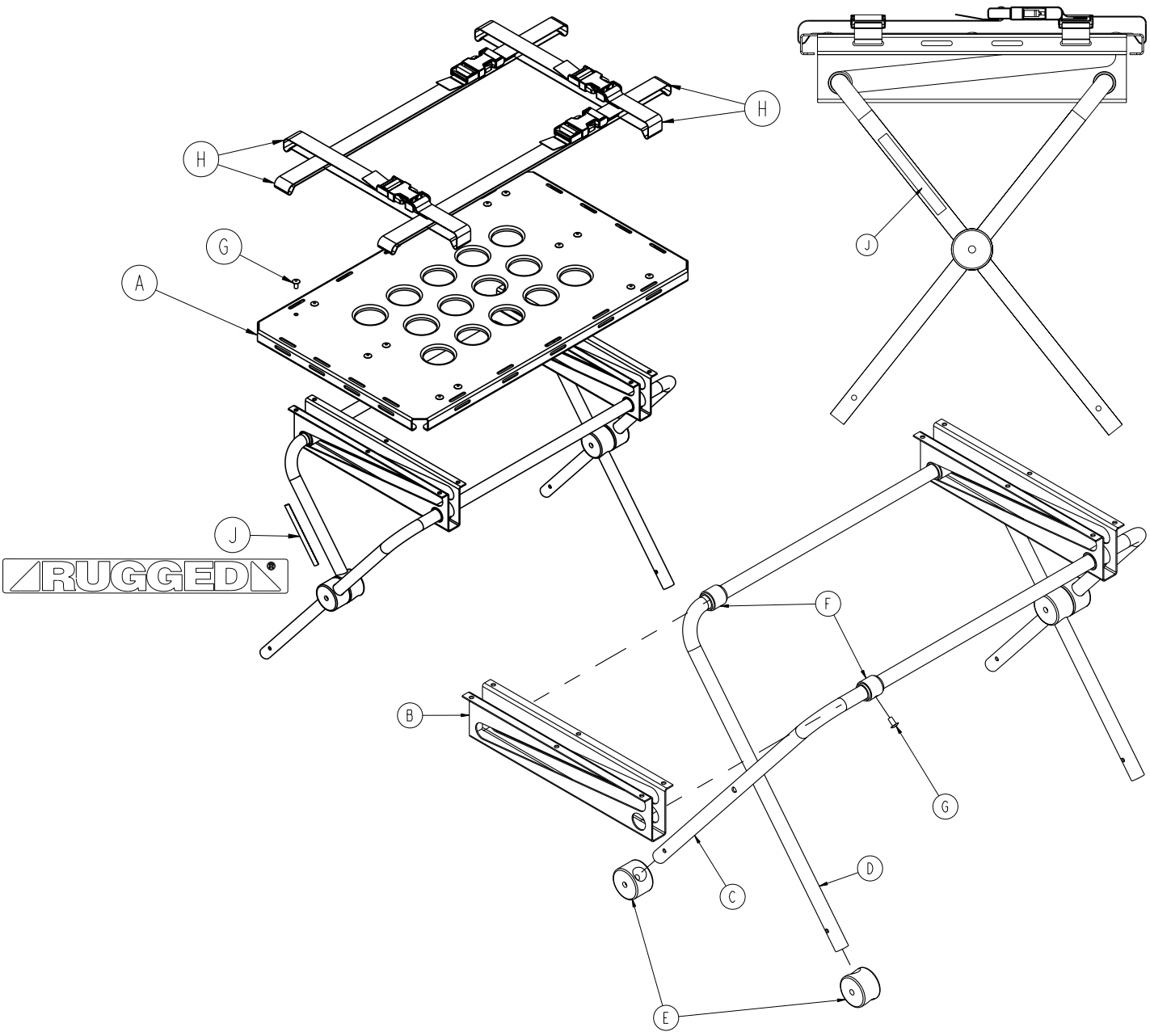
Defibrillator Platform Common Components

6082-170-020 Rev B (Reference Only)



Item	Part No.	Part Name	Qty.
A	6080-170-011	Top Panel	1
B	6080-170-012	Leg Support	2
C	6080-170-013	Statiionary Defibrillator Leg	1
D	6080-170-014	Sliding Defibrillator Leg	1
E	6080-170-015	Support Pivot Leg	4
F	6080-170-016	Leg Collar	4
G	0025-079-000	Dome Head Rivet	16
H	6060-170-022	Defibrillator Platform Strap, Long	4
J	6080-090-023	Label	2

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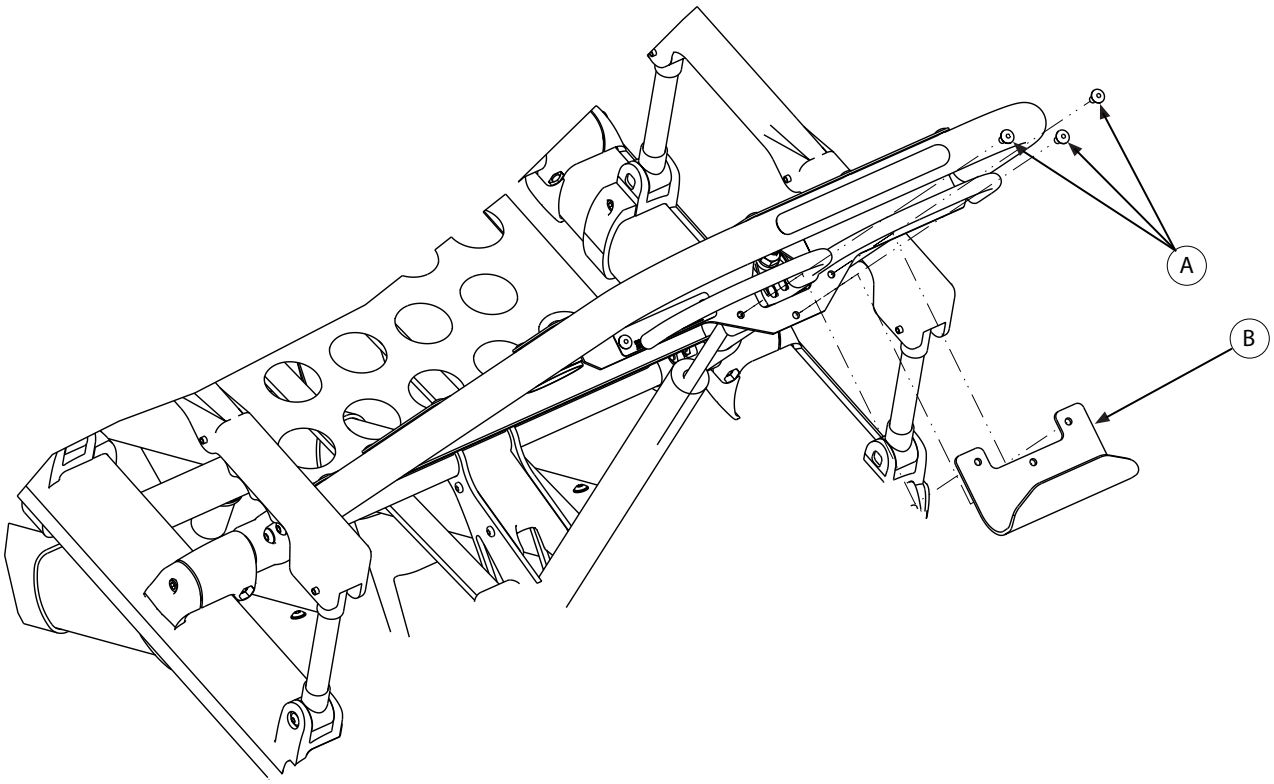
Equipment Hook - 6500-147-000

Rev B



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

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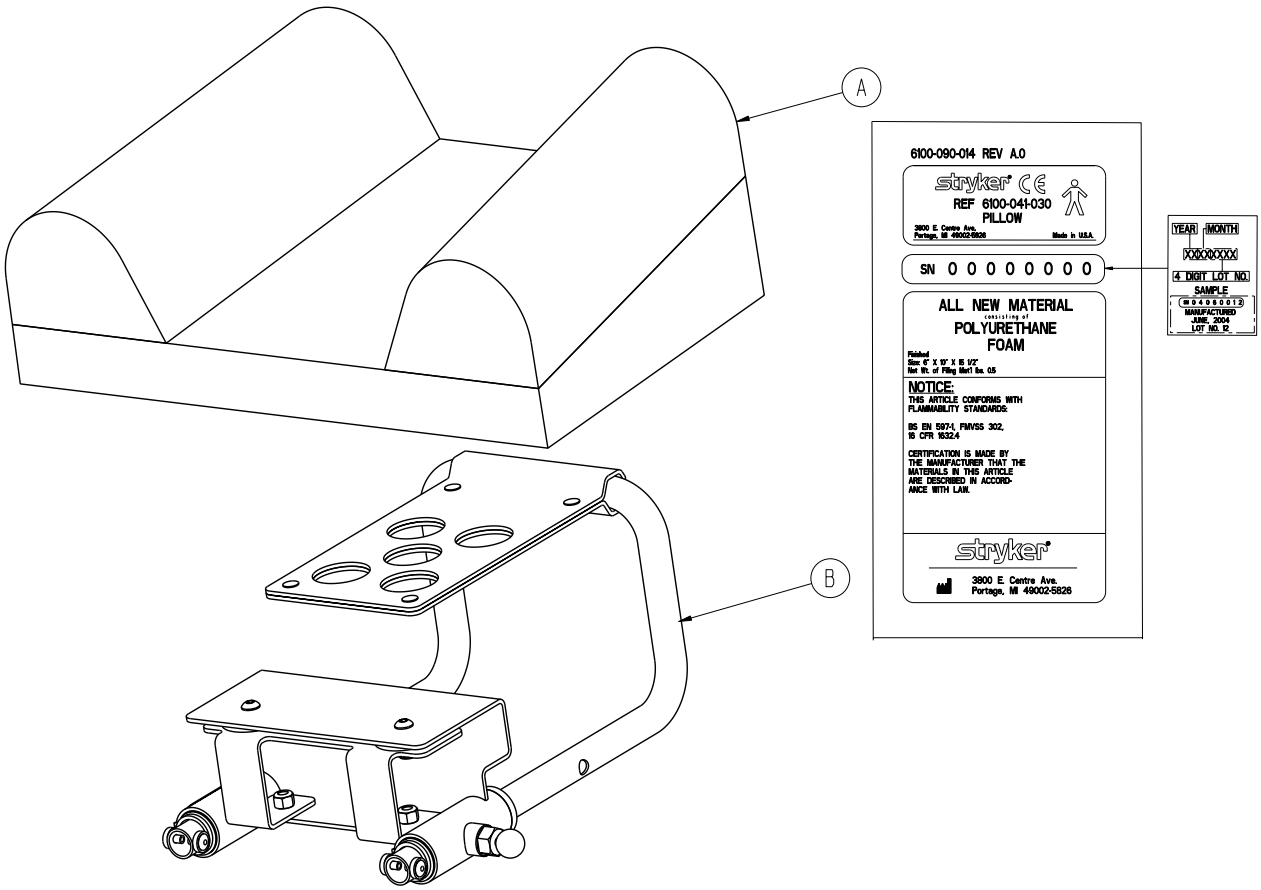
Head Extension - 6100-044-000

Rev B



Item	Part No.	Part Name	Qty.
A	6100-041-030	Pillow	1
B	6100-044-012	Head Extension Assembly (page 151)	1

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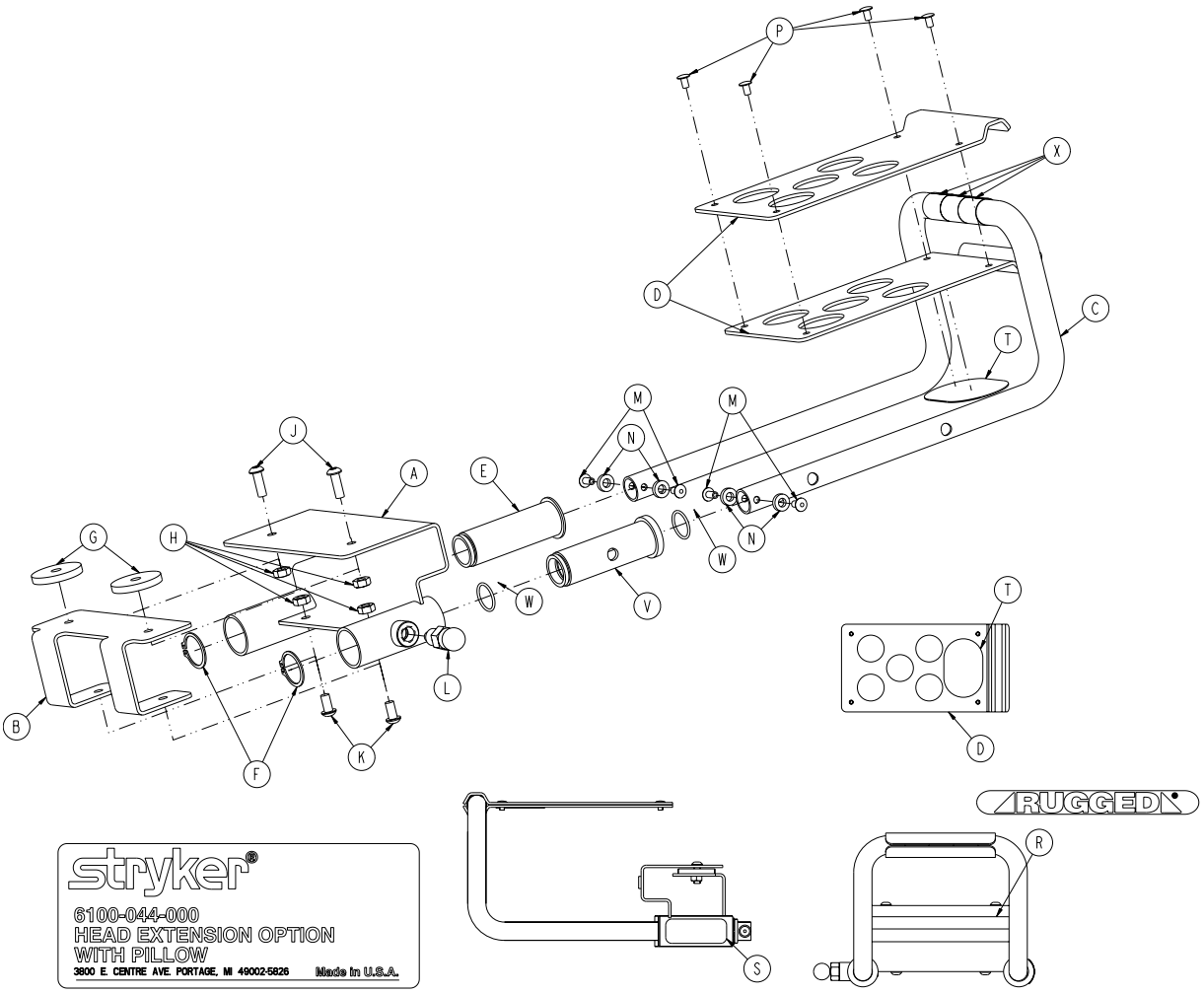
Head Extension Assembly - 6100-044-012

Rev F



Item	Part No.	Part Name	Qty.
A	6100-044-010	Bracket Weldment	1
B	6100-044-007	Support	1
C	6100-044-011	Extension Tube	1
D	6100-044-008	Pillow Support	2
E	6100-044-005	Insert	1
F	0028-076-000	Clip	2
G	6100-044-006	Spacer	2
H	0016-028-000	Nylock Nut	4
J	0004-161-000	Button Head Cap Screw	2
K	0004-232-000	Button Head Cap Screw	2
L	6372-010-016	Pull Pin Assembly	1
M	0025-079-000	Rivet	4
N	0014-067-000	Washer	4
P	0025-031-000	Semi-Tubular Rivet	4
R	6060-090-004	Label, Small	1
S	6100-090-013	Label, Spec	1
T	6100-044-013	Velcro® (Hook)	1
V	6100-044-004	Insert	1
W	0045-999-603	O-Ring	2
X	6100-044-014	Head Extension Tape	3

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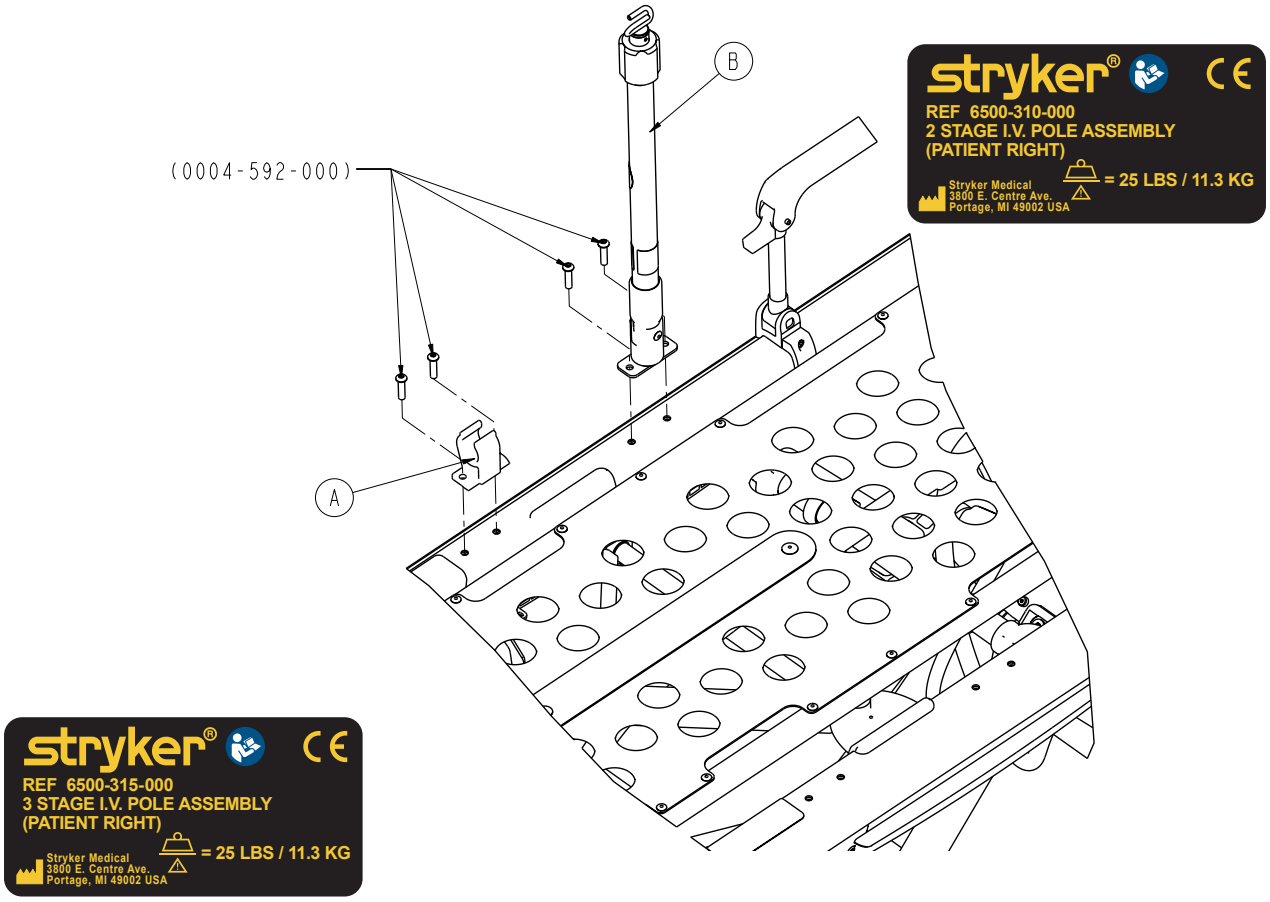
I.V. Pole Assembly, Two-Stage, Right - 6500-310-000

I.V. Pole Assembly, Three-Stage, Right - 6500-315-000

Rev A



I.V. Pole Assembly, Two-Stage, Right - 6500-310-000

Item	Part No.	Part Name	Qty.
A	6100-115-060	Clip, I.V. Pole	1
B	6500-101-041	I.V. Pole Assembly, Two-Stage, Right (page 153)	1

I.V. Pole Assembly, Three-Stage, Right - 6500-315-000

Item	Part No.	Part Name	Qty.
A	6100-115-060	Clip, I.V. Pole	1
B	6500-101-043	I.V. Pole Assembly, Three-Stage, Right (page 154)	1

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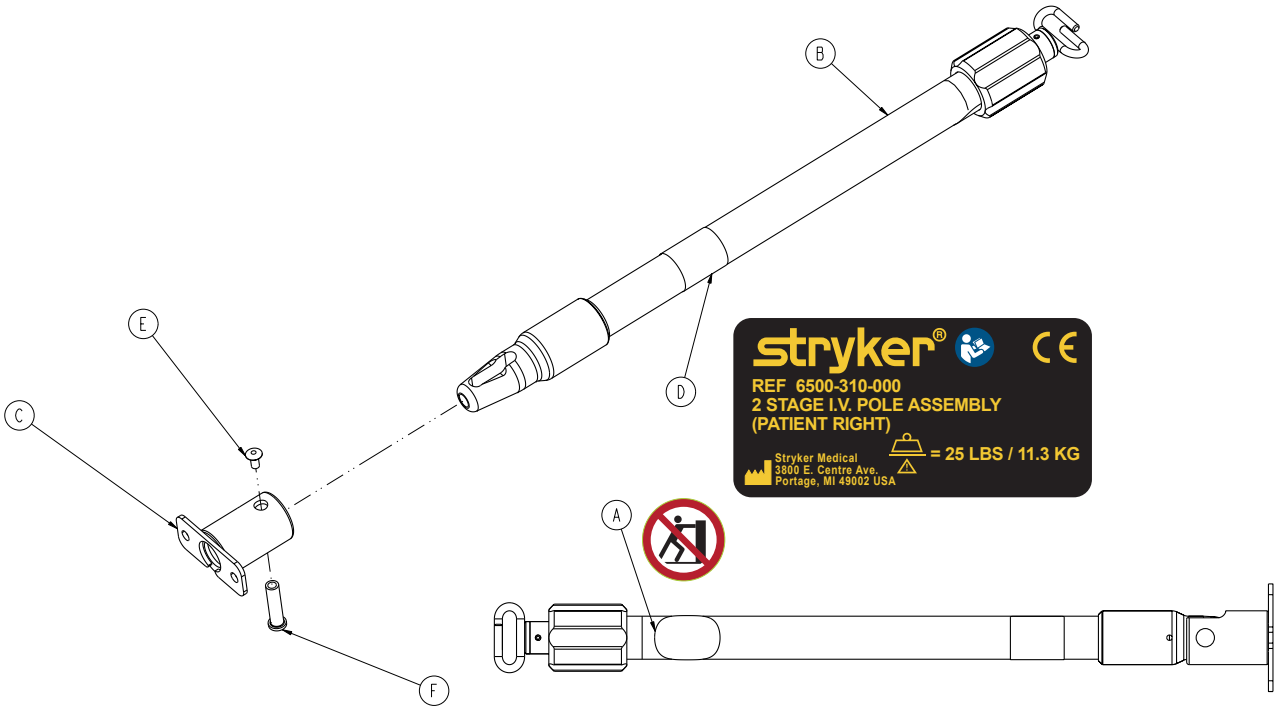
I.V. Pole Assembly, Two-Stage, Right - 6500-101-041

Rev A



Item	Part No.	Part Name	Qty.
A	6506-001-901	Label, No Pushing	1
B	6070-210-070	Pole Assembly	1
C	6100-115-051	Socket Weldment	1
D	6500-101-253	Label	1
E	0025-079-000	Dome Head Rivet	1
F	6070-110-037	I.V. Pivot Pin	1

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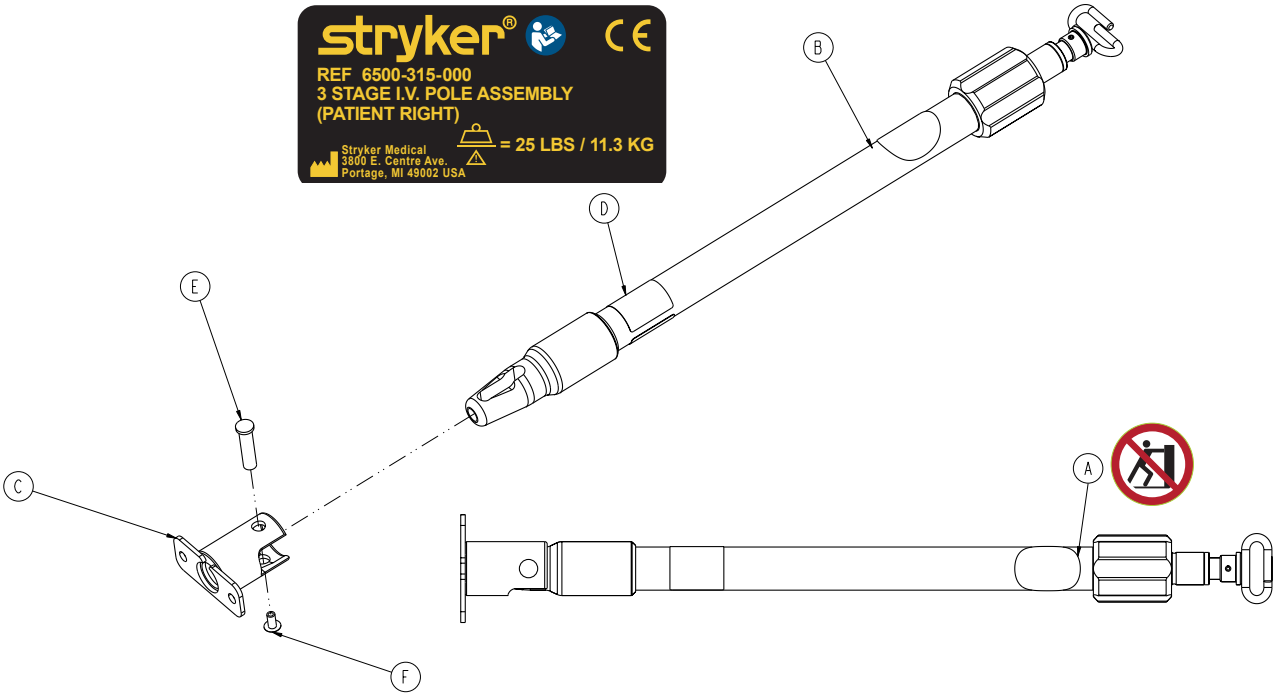
I.V. Pole Assembly, Three-Stage, Right - 6500-101-043

Rev A



Item	Part No.	Part Name	Qty.
A	6506-001-901	Label, No Pushing	1
B	6070-215-070	Pole Assembly	1
C	6100-115-051	Socket Weldment	1
D	6500-101-255	Label	1
E	6070-110-037	I.V. Pivot Pin	1
F	0025-079-000	Dome Head Rivet	1

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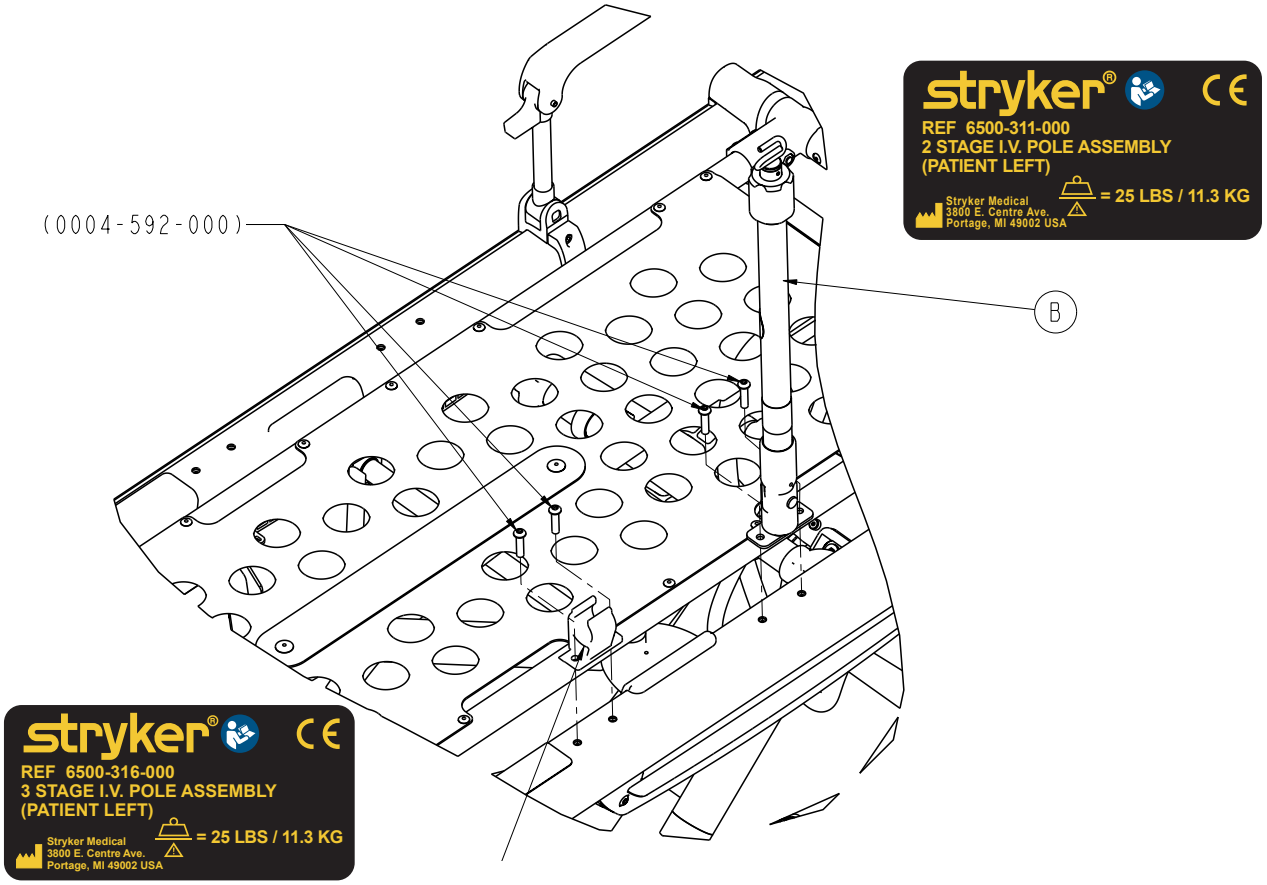
I.V. Pole Assembly, Two-Stage, Left - 6500-311-000

I.V. Pole Assembly, Three-Stage, Left - 6500-316-000

Rev A



I.V. Pole Assembly, Two-Stage, Left - 6500-311-000

Item	Part No.	Part Name	Qty.
A	6100-115-060	Clip, I.V. Pole	1
B	6500-101-042	I.V. Pole Assembly, Two-Stage, Left (page 156)	1

Three-Stage I.V Pole Assembly, Left - 6500-316-000

Item	Part No.	Part Name	Qty.
A	6100-115-060	Clip, I.V. Pole	1
B	6500-101-044	I.V. Pole Assembly, Three-Stage, Left (page 157)	1

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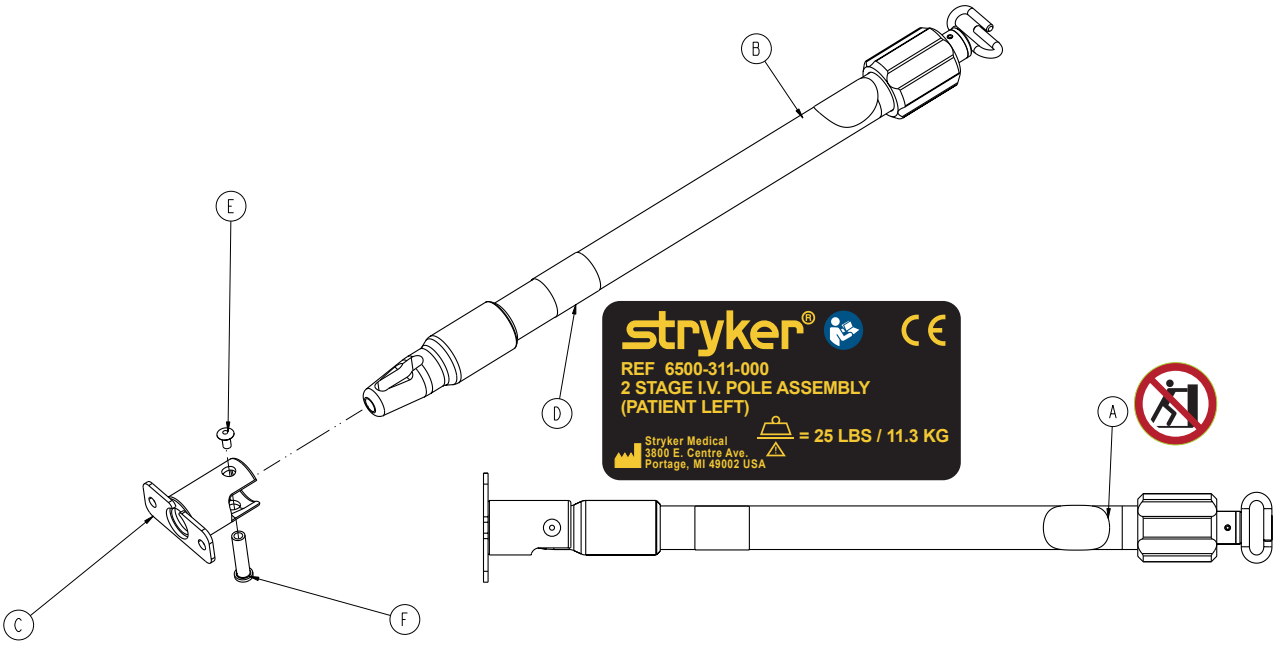
I.V. Pole Assembly, Two-Stage, Left - 6500-101-042

Rev A



Item	Part No.	Part Name	Qty.
A	6506-001-901	Label, No Pushing	1
B	6070-210-070	I.V. Pole Assembly, Two-Stage	1
C	6100-115-051	Socket Weldment	1
D	6500-101-254	Label	1
E	0025-079-000	Dome Head Rivet	1
F	6070-110-037	I.V. Pivot Pin	1

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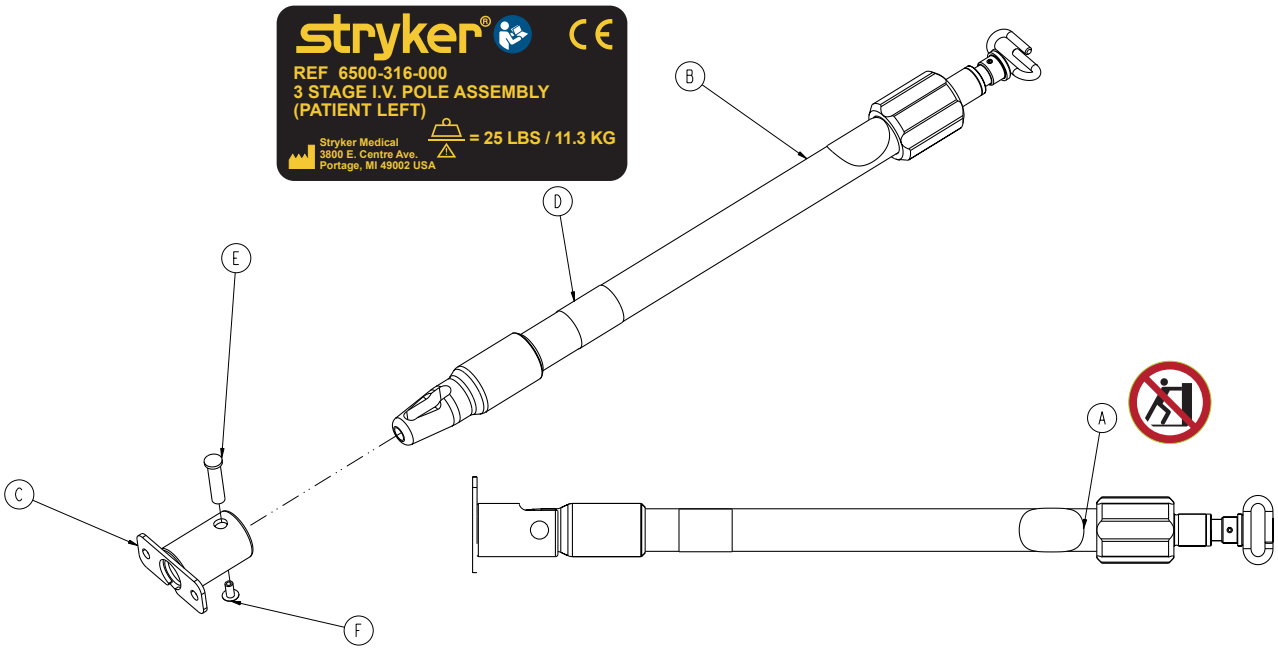
I.V. Pole Assembly, Three-Stage, Left - 6500-101-044

Rev A



Item	Part No.	Part Name	Qty.
A	6506-001-901	Label, No Pushing	1
B	6070-215-070	Pole Assembly	1
C	6100-115-051	Socket Weldment	1
D	6500-101-256	Label	1
E	6070-110-037	I.V. Pivot Pin	1
F	0025-079-000	Dome Head Rivet	1

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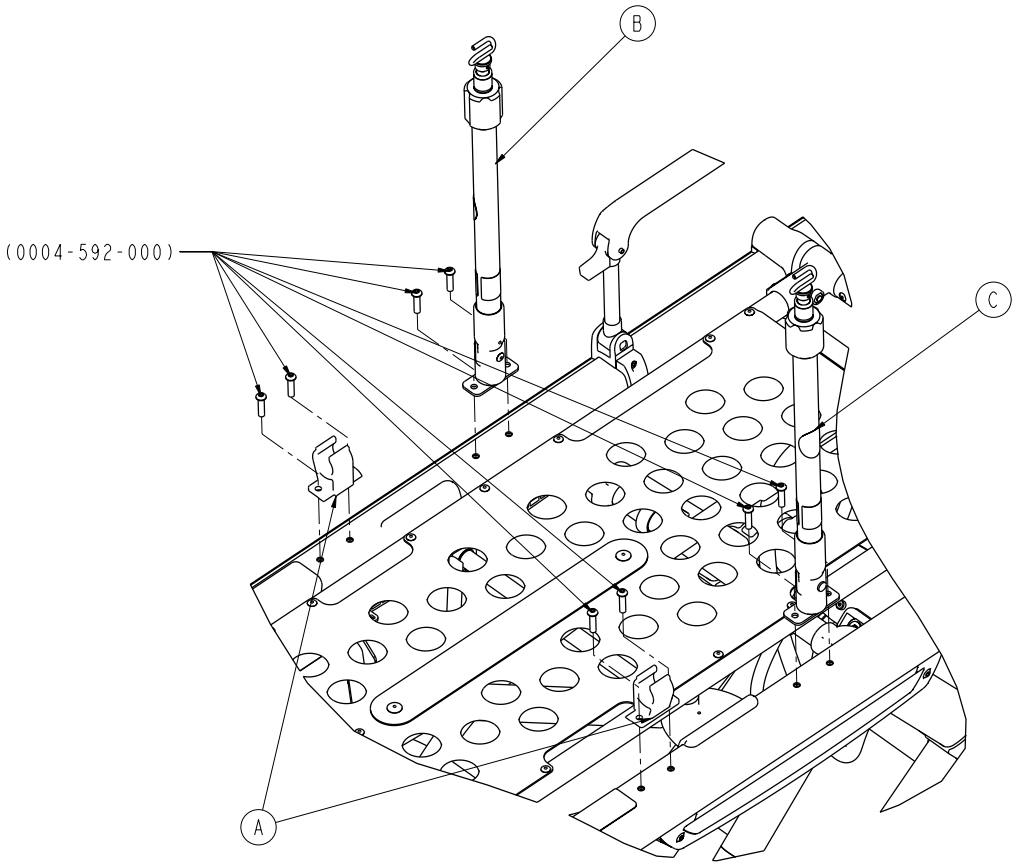
Two-Stage I.V. Pole Assembly, Dual - 6500-312-000

Three Stage I.V. Pole Assembly, Dual - 6500-317-000

Rev A



Two-Stage I.V. Pole Assembly, Dual - 6500-312-000

Item	Part No.	Part Name	Qty.
A	6100-115-060	Clip, I.V. Pole	2
B	6500-101-041	I.V. Pole Assembly, Two-Stage, Right (page 153)	1
C	6500-101-042	I.V. Pole Assembly, Two-Stage, Left (page 156)	1

Three-Stage I.V. Pole Assembly, Dual - 6500-317-000

Item	Part No.	Part Name	Qty.
A	6100-115-060	Clip, I.V. Pole	2
B	6500-101-043	I.V. Pole Assembly, Three-Stage, Right (page 154)	1
C	6500-101-044	I.V. Pole Assembly, Three-Stage, Left (page 157)	1

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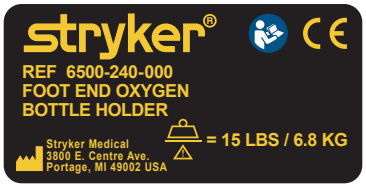
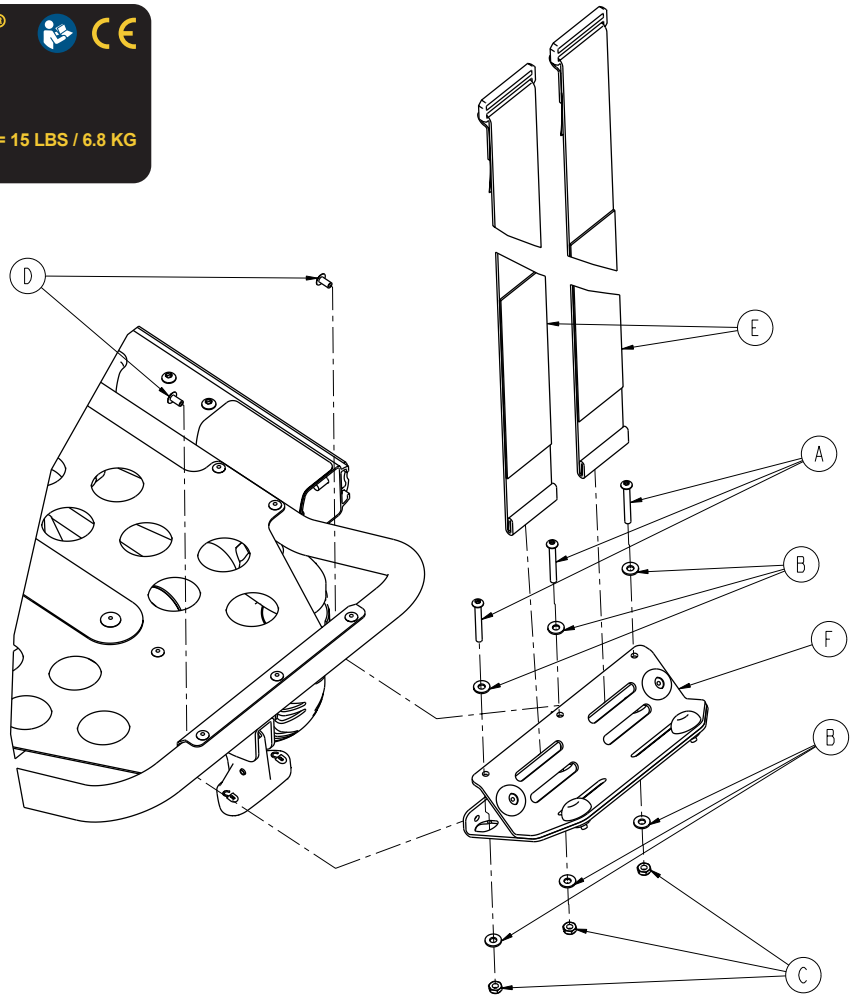
Oxygen Bottle Holder, Foot End - 6500-240-000

Rev A





Item	Part No.	Part Name	Qty.
A	0004-862-000	Button Head Cap Screw	3
B	0011-001-000	Flat Washer	6
C	0016-131-000	Nylock Hex Nut	3
D	0025-079-000	Dome Head Rivet	2
E	6060-140-013	Oxygen Bottle Restraint Strap	2
F	6500-101-040	Oxygen Bottle Holder Assembly (page 160)	1

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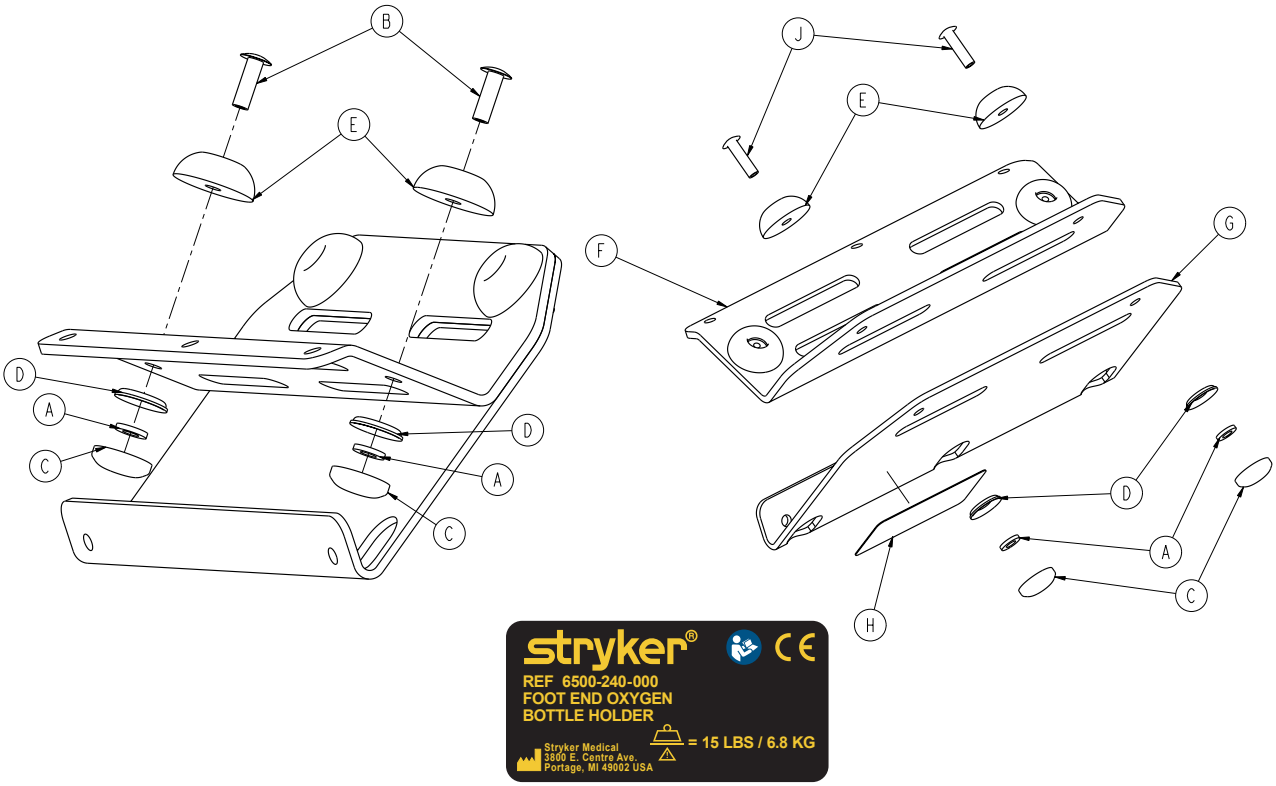
Oxygen Bottle Holder Assembly - 6500-101-040

Rev A



Item	Part No.	Part Name	Qty.
A	0011-436-000	Washer	4
B	0025-133-000	Dome Head Rivet	2
C	0037-055-000	Black Protective Cap	4
D	0037-056-000	Retaining Washer	4
E	0946-001-155	Bumper	4
F	6500-001-239	Tray	1
G	6500-001-240	Bracket	1
H	6500-101-257	Label	1
J	0025-086-000	Blind Rivet	2

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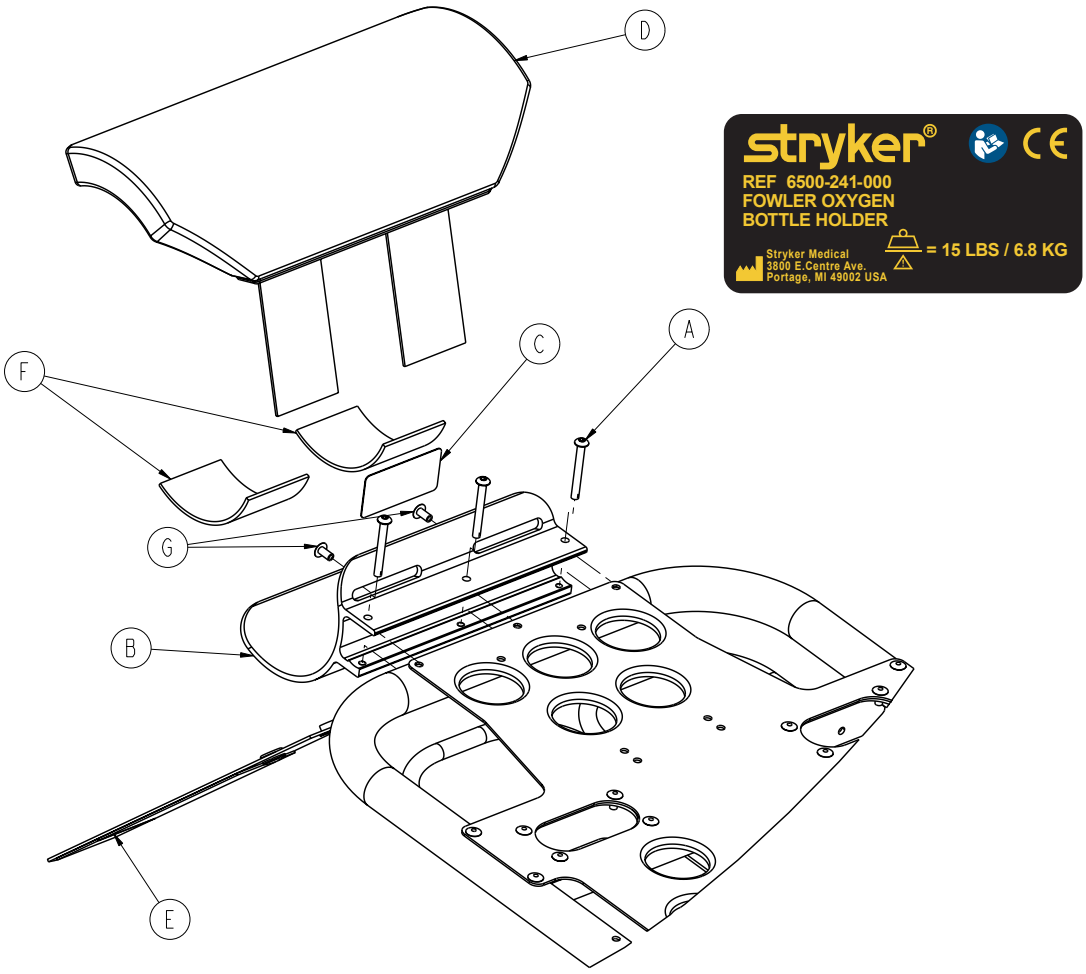
Oxygen Bottle Holder, Fowler - 6500-241-000

Rev A



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	6500-101-231	Label, Fowler Oxygen Bottle Holder	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 Rivet	2

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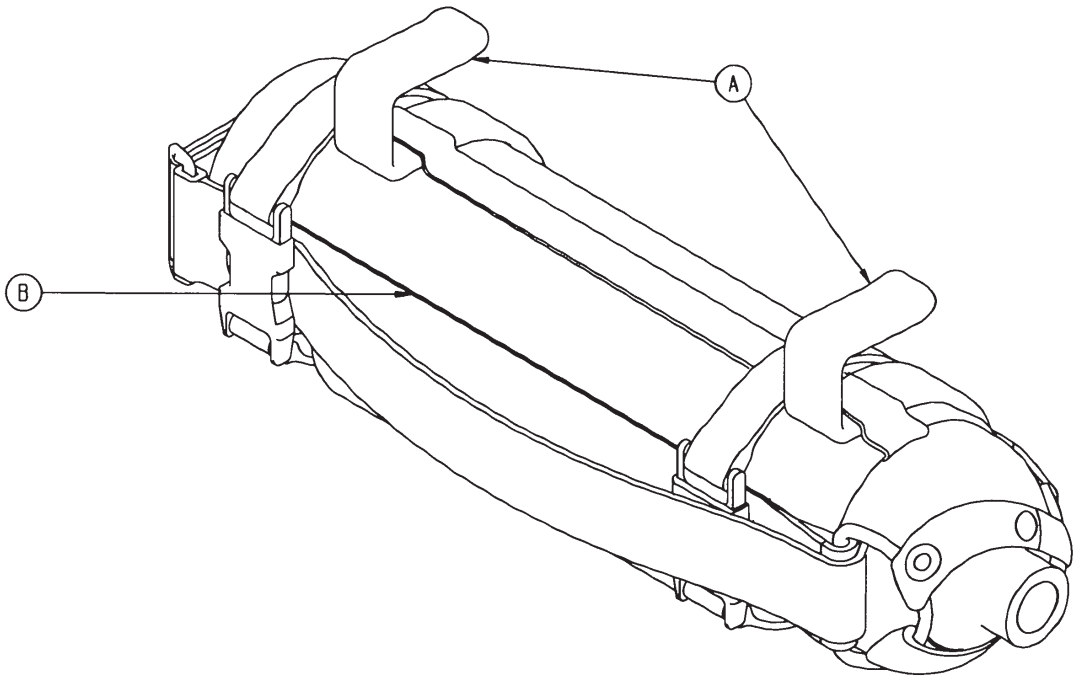
Removable Oxygen Bottle Holder - 6080-140-000

6080-140-010 Rev A (Reference Only)



Item	Part No.	Part Name	Qty.
A	6080-140-011	Oxygen Bottle Holder Hanger	2
B	6080-140-012	Oxygen Bottle Holder	1

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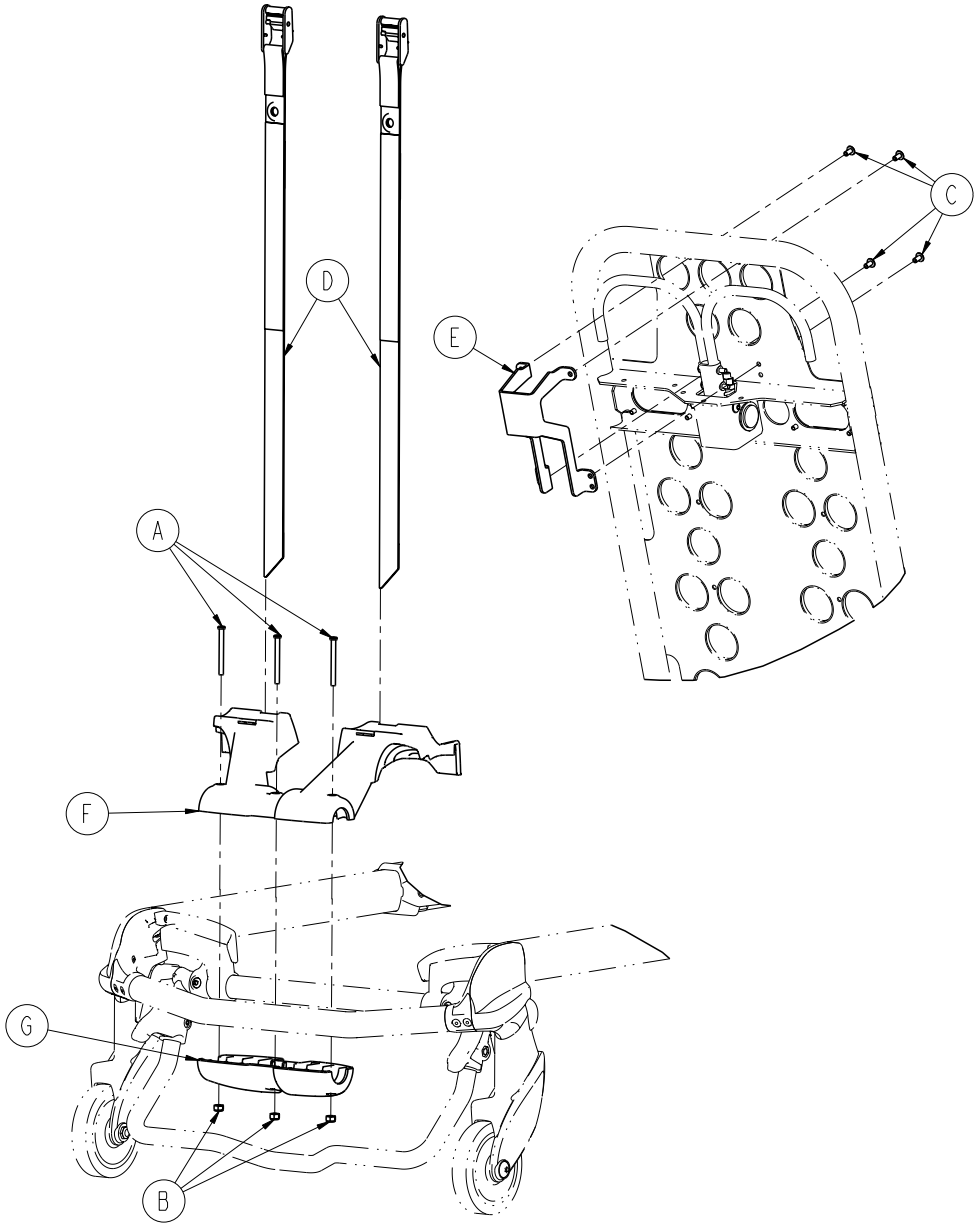
Retractable Head Section Oxygen Bottle Holder - 6085-046-000

Rev B



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

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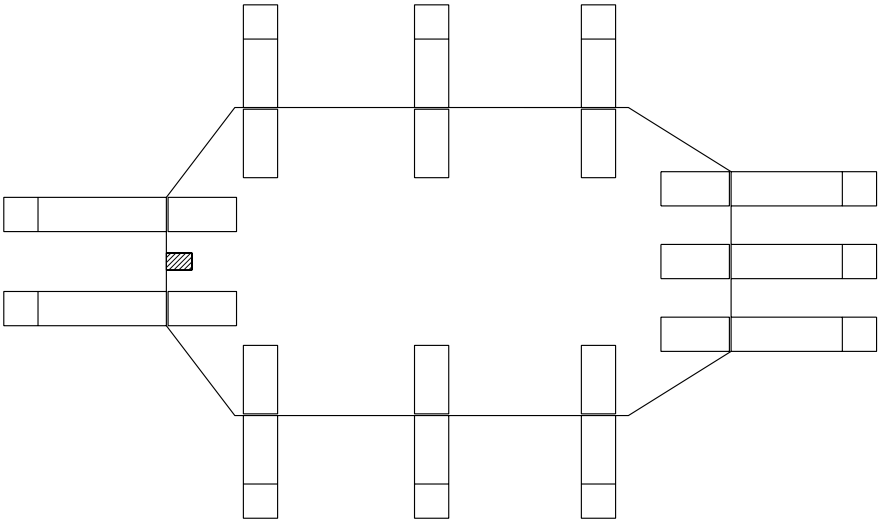
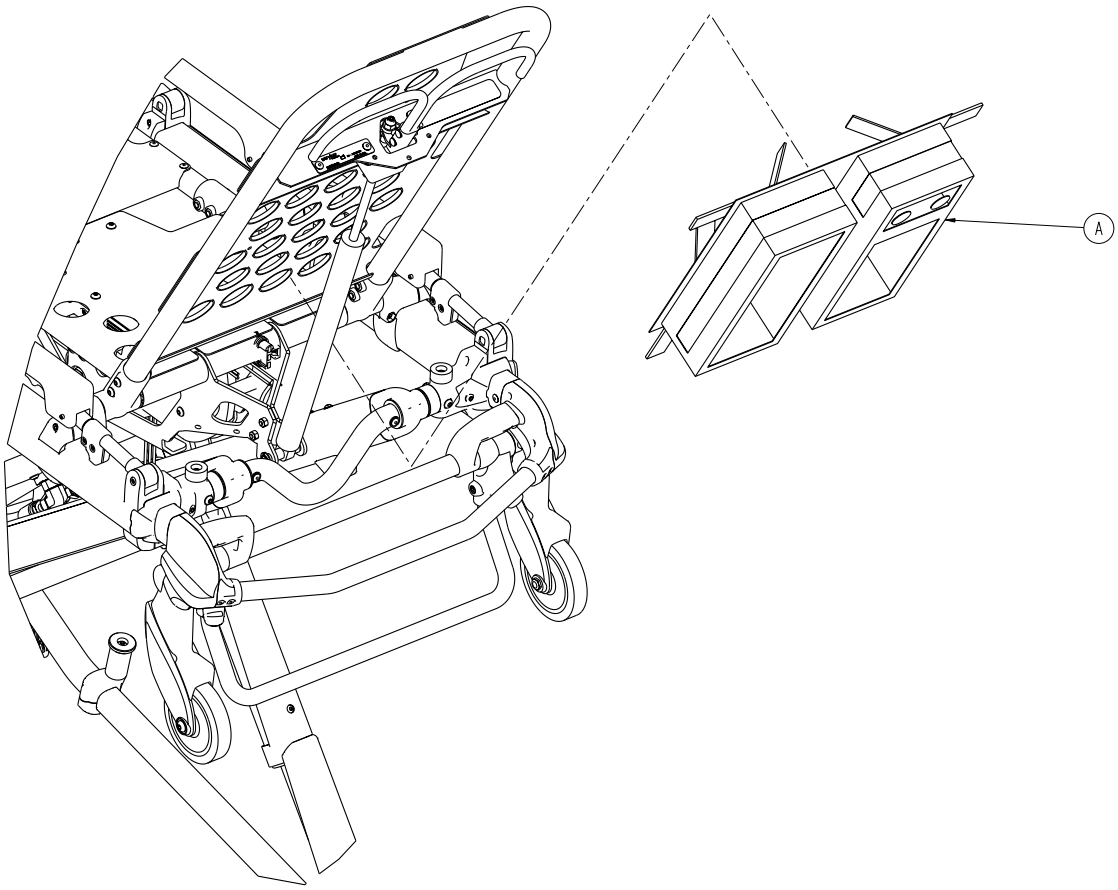
Base Storage Net - 6500-160-000

6500-001-126 Rev D (Reference Only)



Backrest Pouch - 6500-130-000

Rev A



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

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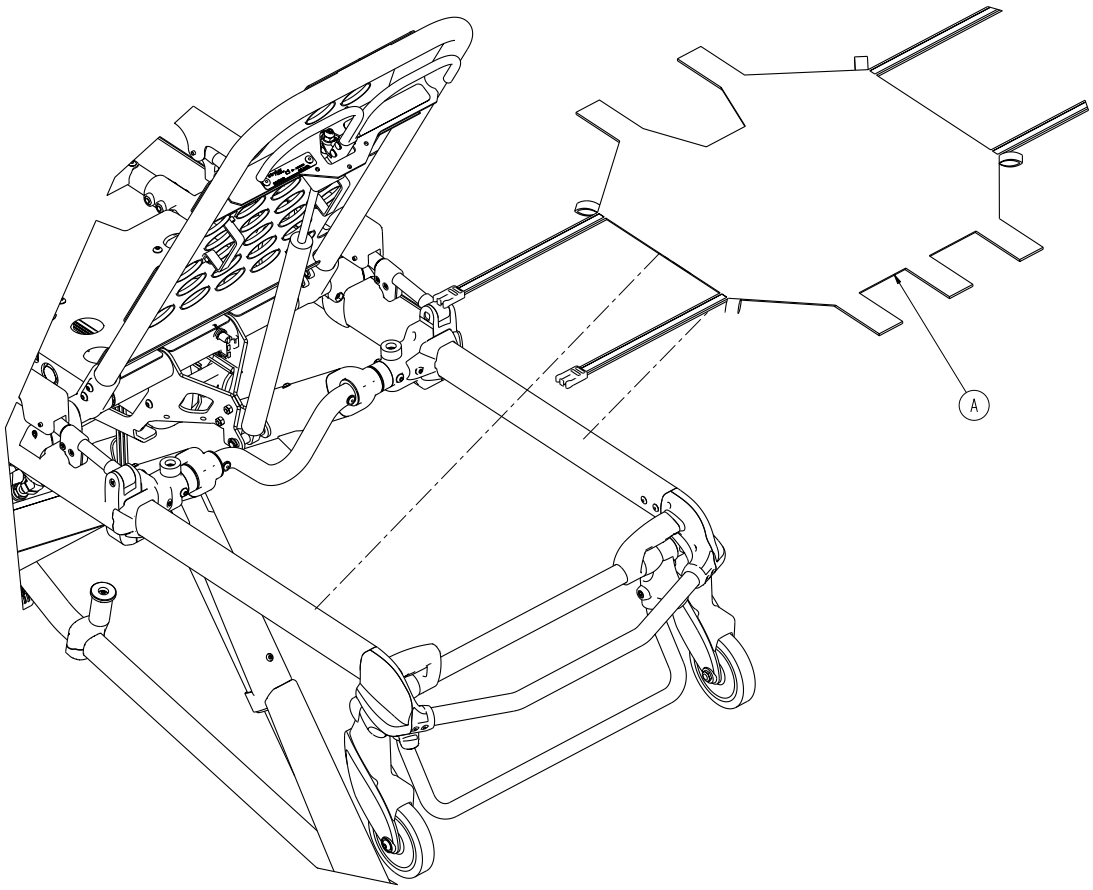
Head End Storage Flat - 6500-128-000

Rev A



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

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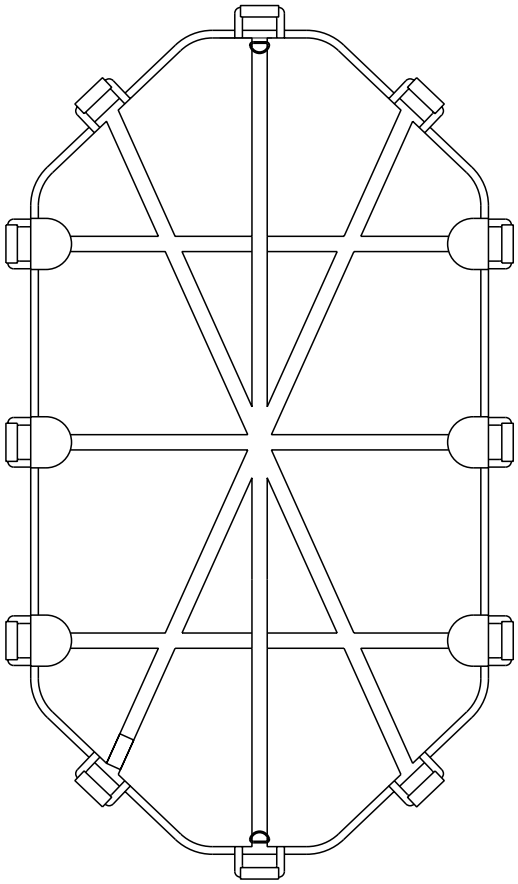
Transfer Flat - 6005-001-001

Rev E



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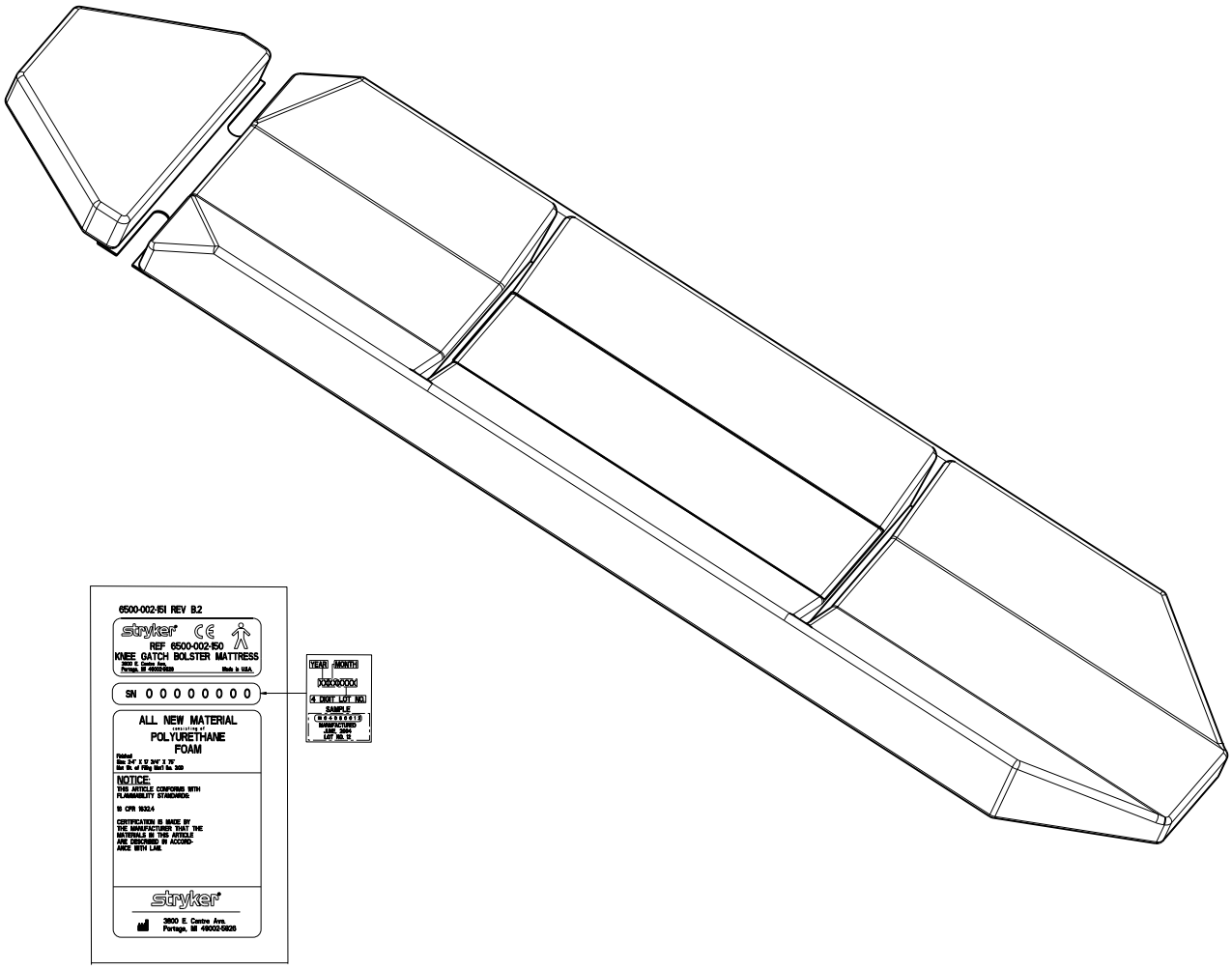
Standard Mattress - 6506-034-000

Rev A

6500-002-150 Rev F (Reference Only)



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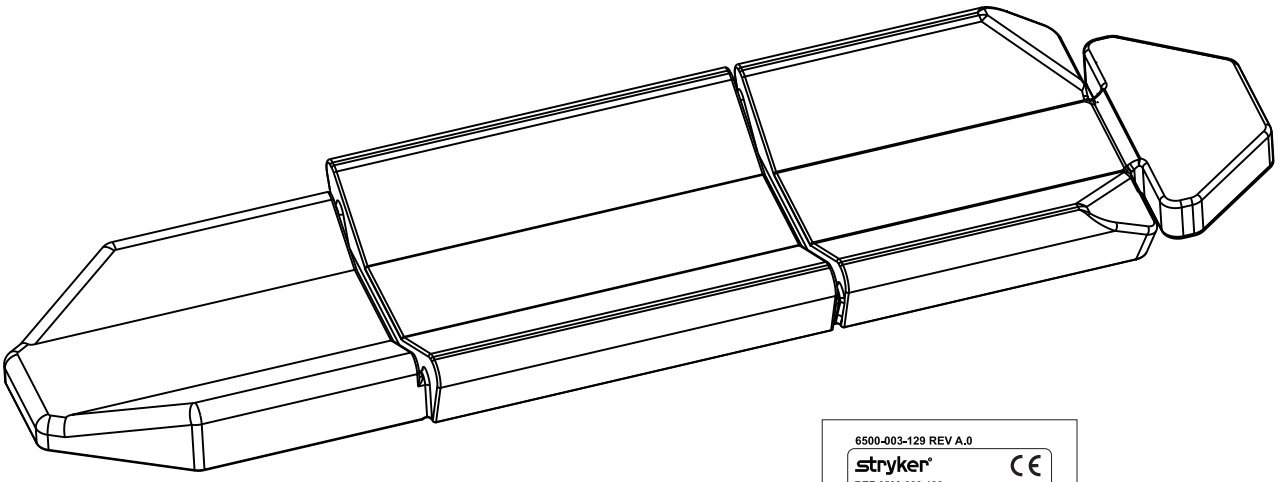
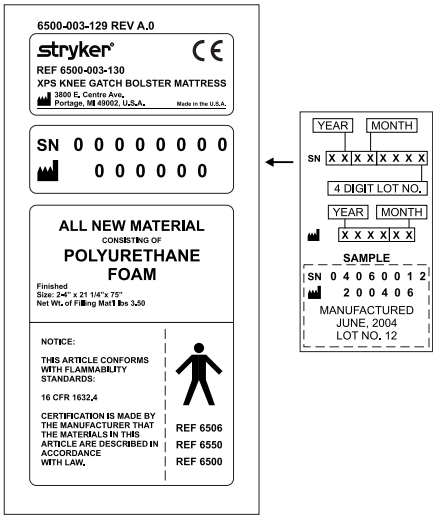
Mattress, Gatch Bolster, XPS Option - 6500-003-130

Rev E





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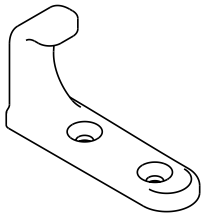
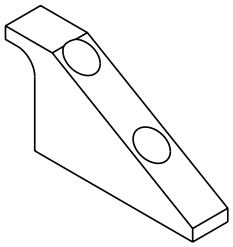
Safety Hook, Short - 6060-036-017/Safety Hook, Long - 6060-036-018/Safety Hook, J - 6092-036-018

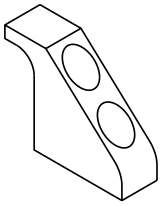
Rev A



6092-036-018
J



6060-036-018
Long



6060-036-017
Short

Warranty

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, the Stryker **Performance-PRO™ XT** is designed for a 7 year expected service life under normal use, conditions, and with appropriate periodic maintenance as described in the maintenance manual. Stryker warrants to the original purchaser that the welds on the **Performance-PRO™ XT** will be free from structural defects for the expected 7 year life of the product as long as the original purchaser owns the product. Original purchasers will also obtain a three (3) year limited parts warranty for the X-frame components.

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

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

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

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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

The Stryker **Performance-PRO™ XT** cot is 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

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Made in the U.S.A.

stryker®

2013/03 6086-109-001 REV B www.stryker.com