IMPORTANT Keep manual on file at all times.

stryker[®] ENS



Model 6082

⊿RUGGED Ambulance Cot

OPERATIONS/MAINTENANCE MANUAL

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

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Introduction

INTRODUCTION

This manual is designed to assist you with the operation and maintenance of the 6082 **ARUGGEDX** MX–PRO Ambulance Cot. Read it thoroughly before using the equipment or beginning any maintenance on it.

SPECIFICATIONS

Overall Length/Minimum Length/Width	80"/61"/23"
Height1 – Position 1 Position 2 Position 3 Position 4 Position 5 Position 6 Position 7	13.5" 21.0" 25.5" 29.0" 32.0" 34.5" 37.0
Backrest Articulation/Shock Position	2° to 73° / +14°
Weight ²	81 pounds
Maximum Weight Capacity	600 pounds
Caster Diameter/Width	6"/2"
Minimum Operators Required for Loading/Unloading an Occupied Cot	2
Recommended Fastener Systems	Model 6370/6374/6377/6378 Floor Mount Type Model 6371/6375 Wall Mount Type
Recommended Floor Height3	Up to 32"
Roll-In Style	Yes
Single Wheel Lock / Double Wheel Lock	Optional

¹ Height measured from bottom of mattress at seat section to ground level.

The MX-PRO is designed to conform to the Federal Specification for the Star-of-Life Ambulance KKK-A-1822-D.

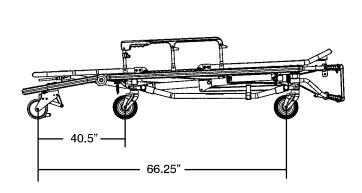


Figure 1 – Lowest Height Position

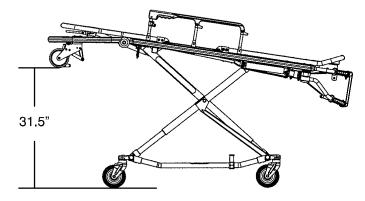


Figure 2 - Highest Height Position

² Cot is weighed without mattress and restraints.

³ Cot may be loaded from any height and a height limiting kit (p/n 6060–202) is available to limit the load height of the cot. Stryker reserves the right to change specifications without notice.

Introduction

WARNING / CAUTION / NOTE DEFINITION

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

WARNING

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

CAUTION

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

NOTE

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

Warranty

Limited Warranty:

Stryker Medical Division, a division of Stryker Corporation, warrants to the original purchaser that its products should be free from defects in material and workmanship for a period of one (1) year after date of delivery. Stryker's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product which is, in the sole discretion of Stryker, found to be defective. Stryker warrants to the original purchaser that the frame and welds on its beds will be free from structural defects for as long as the original purchaser owns the bed. If requested by Stryker, products or parts for which a warranty claim is made shall be returned prepaid to Stryker's factory. Any improper use or any alteration or repair by others in such manner as in Stryker's judgement affects the product materially and adversely shall void this warranty. 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's entire warranty with respect to the aforesaid equipment. STRYKER MAKES NO OTHER WARRANTY OR REPRESENTATION, EITHER EXPRESSED OR IMPLIED, EXCEPT AS SET FORTH HEREIN. THERE IS NO WARRANTY OF MERCHANTABILITY AND THERE ARE NO WARRANTIES OF FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT SHALL STRYKER BE LIABLE HEREUNDER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM OR IN ANY MANNER RELATED TO SALES OR USE OF ANY SUCH EQUIPMENT.

To Obtain Parts and Service:

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

Service Contract Coverage:

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

A SERVICE CONTRACT HELPS TO:

- Ensure equipment reliability
- Stabilize maintenance budgets
- · Diminish downtime
- Establish documentation for JCAHO
- Increase product life
- · Enhance trade-in value
- · Address risk management and safety

Warranty

Stryker offers the following service contract programs:

Program Levels:

- PLATINUM Preventive Maintenance Inspection Three Times Annually (includes free annual mattress upgrade)
- GOLD Preventive Maintenance Inspection Twice Annually
- SILVER Preventive Maintenance Inspection Annually

All Program Levels Include the Following:

- Unlimited Emergency Service Calls
- Priority Contact Two Hour Phone Response
- Most Repairs Will Be Completed Within Three Business Days
- JCAHO Documentation
- On-Site Maintenance Log Book with Preventative Maintenance & Emergency Service Records
- Factory Trained Stryker Service Technicians with Fully Stocked Vans
- · Stryker Authorized Parts
- End of Year Summary

Not included:

- Any disposable items
- I.V. Poles
- Mattresses
- Damage resulting from abuse

For more information on our service contracts, please call your local representative or call (800) 327–0770 (option #2).

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

Rugged Products are manufactured under the following patents:

United States 5,575,026 5,537,700

Other Patents Pending

Summary of Safety Precautions

The following is a list of safety precautions that must be observed when operating or servicing this unit. The precautions are repeated throughout the manual, where applicable. Carefully read this list before using or servicing the unit.

WARNING

- Improper usage of the **ARUGGED** Cot can cause injury to the patient or operator. Operate the cot only as described in this manual.
- Always use all restraint straps to secure the patient on the cot. An unrestrained patient may fall from the cot and be injured.
- Siderails are not intended to serve as a patient restraint device. Refer to pages 13 and 14 for proper restraint strap usage. Failure to utilize the siderails properly could result in patient injury.
- Never leave a patient unattended on the cot or injury could result. Hold the cot securely while a patient
 is on the cot.
- Never apply the optional wheel lock(s) while a patient is on the cot. Tipping could occur if the cot is moved
 while wheel locks are applied, resulting in injury to the patient or operator and/or damage to the cot.
- 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.
- 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.
- Be sure the undercarriage has engaged and 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 and/or operator could result.
- Do not allow untrained helpers to assist in the operation of the cot. Untrained technicians/helpers can cause injury to the patient or themselves.
- Grasping the ▲RUGGEDN Cot improperly can cause injury. Grasp only the lifting bars to lift the cot. Keep hands, fingers and feet away from moving parts. To avoid injury, use extreme caution when placing your feet near the base tubes while raising and lowering the cot.
- Have the vehicle safety hook installed by a certified mechanic. Improper safety hook installation can cause injury to the patient or operator or damage to the unit.
- Failure to use the vehicle safety hook can cause injury to the patient or operator. Install and use the safety hook as described in this manual.
- When the optional head end storage pouch is being used, ensure it does not interfere with the operation
 of the safety bar and safety hook. Injury to the patient or operator could occur.
- 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.
- Do not modify the ▲RUGGED™ Cot. Modifying the cot can cause unpredictable operation resulting in injury to the patient or operator. Modifying the cot will also void its warranty (see page 5).
- Improper maintenance can cause injury or damage to the unit. Maintain the cot as described in this manual. Use only Stryker approved parts and maintenance procedures. Using unapproved parts and procedures could cause unpredictable operation and/or injury and will void the product warranty.
- Do not ride on the base of the **ARUGGEDN** cot. Damage to the cot could occur, resulting in injury to the patient or operator.
- 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.
- To avoid accidental release of the Pedi–Mate[™], and possible injury to the infant, ensure the buckle is located away from obstructions on the cot or head end storage pouch.

Summary of Safety Precautions

CAUTION

- Damage to the cot can occur if the cot is lowered in the shortened position. Use only positions 5–7 (see page 12) when the cot is shortened.
- Lifting the cot by the safety bar can cause damage to the cot. Lift the cot only by the lifting bars.
- 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 will cause premature wear or damage to the cot.

Set-Up Procedures

Unpack the cartons and check all items for proper operation. It is important that the **ARUGGED** Cot is working properly before it is put into service. Have a qualified service person use the following list and the operation instructions to check the cot before it is put into service.

- All fasteners secure (reference all assembly drawings)
- All welds intact, not cracked or broken
- No bent or broken tubing or sheet metal
- No debris in wheels
- All wheels secure, rolling and swivelling properly
- 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
- Breakaway head section operating properly
- Safety bar operating properly
- Foot rest operating properly
- No rips or cracks in mattress cover
- Body restraints intact and working properly
- Wheel lock(s) operating properly (optional equipment)
- Does the vehicle safety hook engage the safety bar so that the cot loads and unloads easily from the vehicle?
- Is there an approved crash–stable fastener (Stryker part number 6370/6374/6377/6378 or 6371/6375 not included) installed in the vehicle?

The patient compartment of the vehicle in which the **ARUGGED** Cot will be used must have:

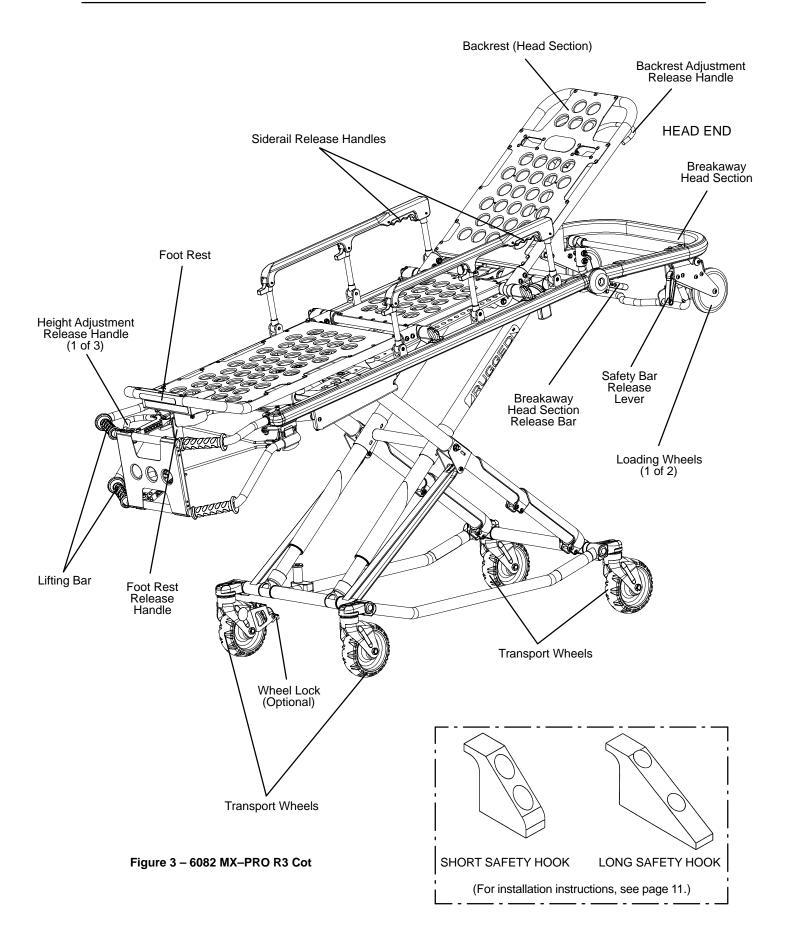
- A smooth rear edge for cot loading.
- A level floor large enough for the folded cot.
- Stryker 6370/6374/6377/6378 or 6371/6375 crash stable cot fastener (not included).
- 32" (81 cm.) maximum loading height.
- Space to install the safety hook.

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

WARNING

Do not modify the **RUGGED** Cot. Modifying the cot can cause unpredictable operation resulting in injury to the patient or operator. Modifying the cot will also void its warranty (see page 5).

Component Identification



Vehicle Safety Hook Installation

The vehicle safety hook is a device shipped with the cot. The safety hook activates the safety bar and prevents the cot from being removed from the vehicle accidently.

Installation of the safety hook should be done by a certified mechanic familiar with ambulance construction. Consult the vehicle manufacturer before installing the safety hook and be sure the installation of the safety hook does not damage or interfere with the brake lines, oxygen lines, fuel lines, fuel tank or electrical wiring of the vehicle.

Required Hardware for Installation of the Safety Hook (Not Supplied)

- (2) Grade 5, 1/4"-20 Socket Head Cap Screws*
- (2) 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 long enough to go completely through the patient compartment floor, washer and nut by at least two full threads.

Positioning and Installing the Safety Hook

- 1. Place the cot in the cot fastener.
- Remove the cot from the fastener and unload it from the vehicle. While the cot is being removed, note the position of the loading wheels and the safety bar.
- Center the safety hook (Figure 4) on the cot safety bar. Be sure the hook is facing the front of the vehicle.
- 4. Mark the position of the safety hook on the patient compartment floor. The safety hook should be installed as close as possible to the rear of the vehicle while allowing the vehicle doors to close (Figure 5). Be sure the bumper and bumper step don't interfere with the folding and unfolding of the cot's undercarriage.
- 5. Drill the holes for the socket head cap screws.
- Attach the safety hook to the patient compartment floor
- Verify the safety hook always engages the cot safety bar when the cot is unloaded from the vehicle (Figure 6).

WARNING

Improper safety hook installation can cause injury to the patient and/or operator or damage to the cot. Have a certified mechanic install the safety hook. Failure to install the safety hook can cause injury to the patient or operator. Install and use the safety hook as described in this manual.

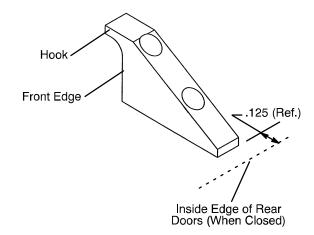


Figure 4 - Safety Hook

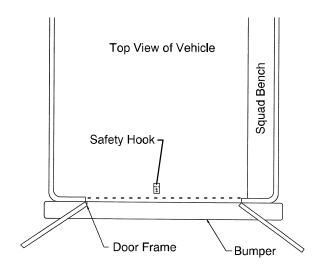


Figure 5 – Safety Hook Placement

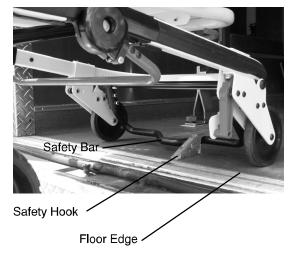
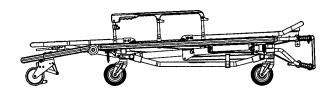
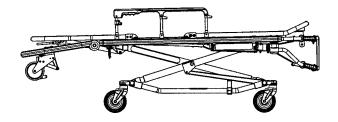


Figure 6 - Safety Bar Engaging Safety Hook

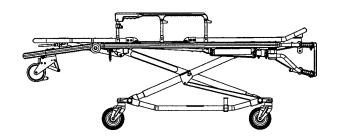
Cot Positions



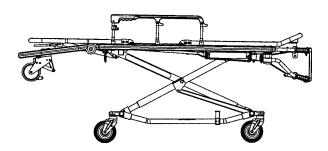
Position 1 – Use for patient transfer.



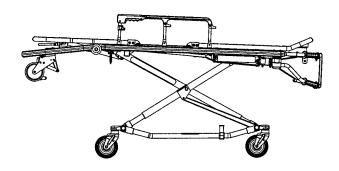
Position 2 – Use for patient transfer/cot rolling.



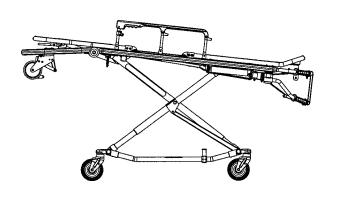
Position 3 – Use for patient transfer/cot rolling.



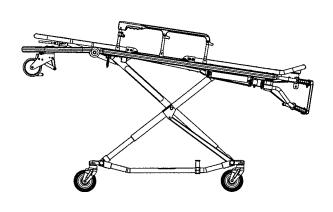
Position 4 – Use for patient transfer/cot rolling.



Position 5 – use for patient transfer/cot rolling.



Position 6 – Use for patient transfer/cot rolling.



Position 7 – Use for patient transfer/cot rolling.



Use for cot rolling in position 5–7 when space is limited.

Using Restraint Straps

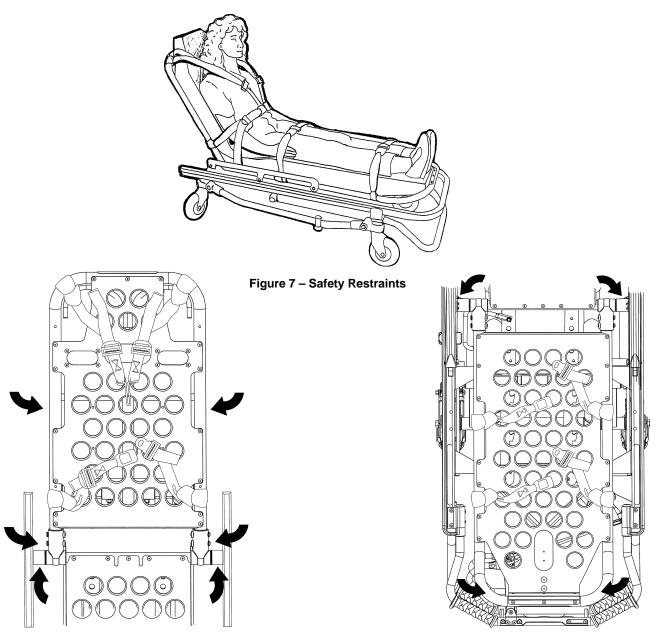


Figure 8 - Head Section Restraints

Figure 9 - Foot Section Restraints

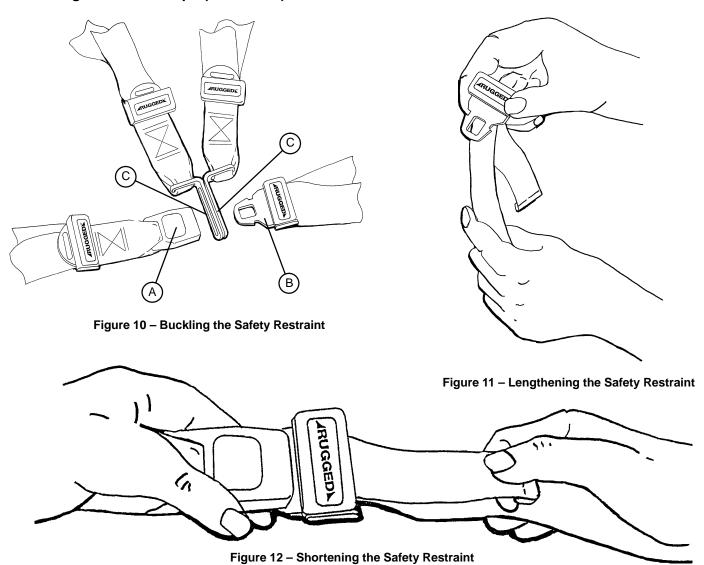
WARNING

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 the restraint straps. Buckle the restraints across the patient's chest/shoulders, waist and legs (Figure 7). Keep the restraint straps buckled when the cot is not being used with a patient to avoid damage to the buckles and straps.

When attaching the restraint straps to the cot, keep in mind the attachment points should provide strong anchorage and proper restraint position while not interfering with equipment and accessories. Wrap the strap around the cot frame and back through the loop on the end of the strap as shown in Figures 8 and 9. The arrows indicate alternate attachment areas.

Using Restraint Straps (Continued)



When the cot is put into service, the restraints are opened and placed to either side of the cot until the patient is positioned on the cot mattress. The restraint is lengthened, buckled around the patient and shortened until the required tightness is achieved.

To open the restraint, press the red button (A) on the front of the buckle "receiver". This releases the buckle "tang" (B) which can then be pulled out of the receiver (Figure 10).

To close the restraint, push the tang into the receiver until a "click" is heard. When fastening the chest restraint be sure the tang passes through both links (C) on the shoulder strap (Figure 10).

To lengthen the restraint, grasp the buckle tang, turn it at an angle to the webbing, then pull it out (Figure 11). A hemmed tab at the end of the webbing prevents the tang from coming off the strap.

To shorten the restraint, grasp the hemmed tab and pull the webbing back through the tang until the required tightness is achieved (Figure 12).

Whenever a restraint is buckled on a patient, the attendant should check to be sure the tang is fully engaged and that the extra webbing is not tangled in the cot or hanging loose.

Inspection of the restraints should be done at least once a month (more frequently if used heavily). Inspection should include checking for a bent or broken receiver or tang, torn or frayed webbing, etc. Any restraint showing wear or not operating properly must be replaced immediately.

Pedi-Mate™ Infant Restraint System Attachment Instructions

Refer to the Pedi–Mate $^{\text{m}}$ users manual for the manufacturer's recommendations for the use, operation and care of the Pedi–Mate $^{\text{m}}$ Infant Restraint System.

Securing the Pedi–Mate[™] to the cot

- 1. Remove any restraints 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 13).



Figure 13 - Positioning the Pedi-Mate™

4. Wrap the straps around the backrest and insert the ends of the straps through the brackets. Securely fasten the buckle (see Figure 14).



Figure 14 - Fastening the Pedi-Mate™ Buckle

WARNING

To avoid accidental release of the Pedi–Mate $^{\text{\tiny M}}$, and possible injury to the infant, ensure the buckle is located away from obstructions on the cot or head end storage pouch.

Pedi-Mate™ Infant Restraint System Attachment Instructions

- 5. Pull firmly on the end of the adjustable backrest strap and tighten it securely.
- 6. Thread the mainframe straps down between the cot frame and the mattress. To be sure the release button is toward the foot end of the cot, insert the buckle behind the crossbrace and bring the it up in front of the crossbrace. Secure the buckle around the litter crossbrace leaving a little slack in the strap for final adjustment (see Figure 15).



Figure 15 - Securing the Safety Restraints on a Rugged ™ Cot

WARNING

To avoid accidental release of the Pedi–Mate $^{\text{\tiny M}}$, and possible injury to the infant, ensure the buckle is located away from obstructions on the cot.

7. Verify all the straps are snug and fastened securely (see Figure 16).



Figure 16- Pedi-Mate™ Strapped to a Rugged™ Cot

These are general instructions for installation of the Pedi–Mate $^{\text{™}}$. Safe and proper use of the Pedi–Mate $^{\text{™}}$ is solely at the discretion of the user. Stryker recommends all users be trained on the proper use of the Pedi–Mate $^{\text{™}}$ before using it in an actual situation.

Retain these instructions for future reference. Include them with the product in the event of transfer to new users. $Pedi-Mate^{T}$ is a trademark of Ferno-Washington Inc.

Operating Guidelines

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

Transferring the Patient to the **△RUGGED** Cot

- 1. Roll the cot to the patient.
- 2. Place the cot beside the patient and raise/lower the cot to the patient's level.
- 3. Lower the siderails and open the restraint straps.
- 4. Transfer the patient to the cot using accepted EMS procedures.
- 5. Use all the restraints to secure the patient to the cot (see page 13 for restraint strap usage instructions).
- 6. Raise the siderails and adjust the backrest and leg rest as necessary.

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 apply the optional wheel lock 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.

Rolling the **⊿RUGGED** Cot

- 1. Make sure all the restraint straps are securely buckled around the patient (see page 13 & 14 for restraint strap usage instructions).
- 2. Place the cot in positions 2–7 for rolling (see page 12 for cot positions).
- 3. When rolling the cot, position an operator at the foot end and one at the head end at all times.

NOTES

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.

The cot can be loaded with the siderails down only if the restraint belts are properly buckled around the patient.

Loading the **△RUGGED** Cot into a Vehicle with Two Operators

When loading the cot into a vehicle, an operator should remember the following important issues:

- Two operators must be present when the cot is occupied.
- 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 11 for safety hook installation instructions.)
- 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's legs to unfold completely and lock when the cot is unloaded. A shorter operator will have to raise his/her arms higher to enable the undercarriage to unfold.
- 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 possible).
- Push the cot forward until the loading wheels are on the patient compartment floor and the safety bar passes the safety hook (Figure 17).
- 3. For maximum clearance to lift the base, pull the cot back until the safety bar engages the safety hook.

WARNING

Failure to use the safety hook can result in injury. Install and use the hook as described in this manual.

- 4. Operator 1 Grasp the cot frame at the foot end. Lift the foot end of the cot until the weight is off the latching mechanism. Squeeze and hold the release handle (location A or B).
- Operator 2 Stabilize the cot by placing your hand on the outer rail (location C). Grasp the base frame where indicated (location D). After the foot end operator has lifted the cot and squeezed the release handle, raise the undercarriage until it stops in the uppermost position and hold it there (Figure 18).
- 6. <u>Both Operators</u> Push the cot into the patient compartment (Figure 19), engaging the cot fastener (not included).



Figure 17 - Safety Bar Engaging Safety Hook



Figure 18 - 2 Operators - One Lifting the Base



Figure 19 - 2 Operators - Base Full Up

Loading an Empty **△RUGGED** Cot into a Vehicle with One Operator

WARNING

This procedure is for use only with an empty cot. Do not use this procedure when loading a patient. Injury to the patient and/or operator could result.

- Place the cot in a loading position (any position in which the load wheels meet the vehicle floor height – see page 12).
- 2. Roll the cot to the open door of the patient compartment.
- 3. Lift the vehicle bumper to the raised position (if possible).
- 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 (A or B) (Figure 20).
- 7. Lower the foot end of the cot to the ground, making sure the cot locks in position 1 (Figure 21).
- 8. Lift the foot end of the cot until it is level with the compartment floor.
- 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 (Figure 22).
- 10. Push the cot into the patient compartment, guiding it into the cot fastener.



Figure 20 - Squeeze the Release Handle



Figure 21 - Lower the Foot End of the Cot



Figure 22 - Pull Up the Base of the Cot

Unloading the Cot from a Vehicle with Two Operators

- 1. Disengage the cot from the cot fastener. (For more detailed instructions, reference the cot fastener installation/operation manual Stryker part number 6370–90–10).
- 2. Operator 1 Grasp the cot frame. Pull the cot out of the patient compartment until the safety bar engages the safety hook.

WARNING

Failure to use the safety hook can cause injury to the patient or operator. Install and use the safety hook as described in this manual.

- 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.
- 4. Operator 1 Let go of the release handle and be sure the undercarriage locks into place.
- Operator 2 Disengage the safety bar from the safety hook by pushing the safety bar release lever forward.

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.

6. Remove the cot loading wheels from the vehicle. Place the cot in a rolling position (positions 2–7 – see page 12).

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 will cause premature wear or damage to the cot.

WARNING

Be sure the undercarriage has engaged 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.

Unloading an Empty **△RUGGED** Cot from a Vehicle with One Operator

WARNING

This procedure is for use only with an empty cot. Do not use this procedure when unloading a patient. Injury to the patient and/or operator could result.

- 1. Lift the vehicle bumper to the raised position (if possible).
- 2. Grasp the cot frame at the foot end; pull the cot from the vehicle until the safety bar engages the safety hook.
- 3. Lower the foot end of the cot to the ground (see Figure 21).
- Squeeze and hold the release handle (A or B see Figure 22) 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.

Using Additional Assistance

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

Notes

OPERATING THE OPTIONAL WHEEL LOCK(S)

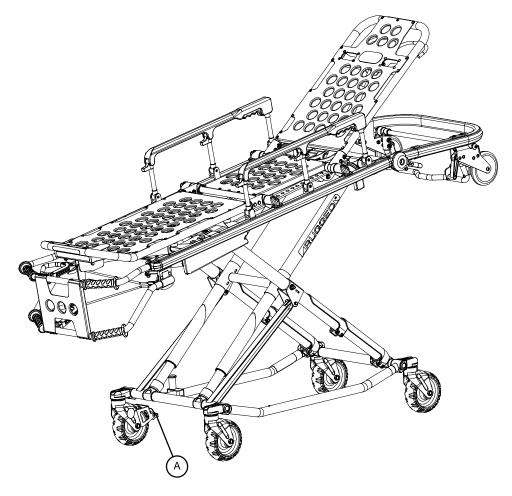


Figure 23 - Rugged™ Wheel Lock

- 1. To activate the optional wheel lock(s), press fully down on the pedal (A) until it stops.
- 2. To release the optional wheel lock(s), depress the upper face of the pedal with your foot or lift up with your toe under the pedal. The upper portion of the pedal will rest against the caster frame when the wheel lock is released.

WARNING

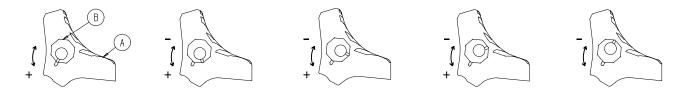
Never apply the optional wheel lock(s) while a patient is on the cot. Tipping could occur if the cot is moved while a wheel lock is applied, resulting in injury to the patient or operator and/or damage to the cot.

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

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 a wheel lock on a cot with excessively worn wheels. Installing or using a wheel lock on a wheel with less than a 6" diameter could compromise the holding ability of the wheel lock, resulting in injury to the patient or operator and/or damage to the cot or other equipment.

ADJUSTING THE WHEEL LOCKING FORCE



MINIMUM Figure 24 – Wheel Locking Force Adjustment

1. To adjust the wheel locking force, remove the hex 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 (item A) is aligned with the marker on the octagonal sleeve (item B).

MAXIMUM

- 2. Remove the sleeve (B). Rotate the sleeve counterclockwise to increase the pedal locking force and clockwise to decrease the locking force. Insert the sleeve into the pedal. Reinstall the hex socket screw.
- 3. Test the pedal locking force and verify it holds properly before returning the cot to service.

Changing Cot Height with Two Operators

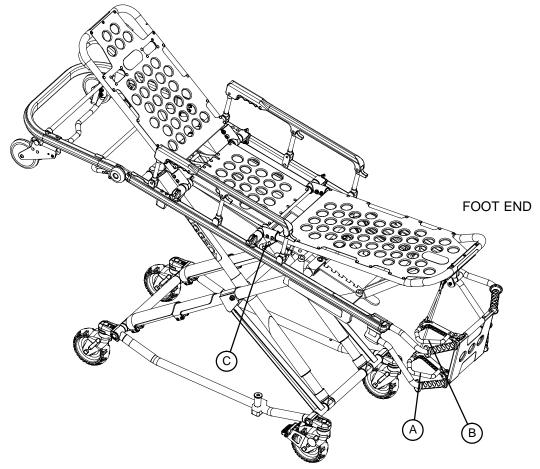


Figure 25 - Release Handle Locations

NOTE

Changing the height while a patient is on the cot requires a minimum of two operators, positioned at both ends or on each side of the cot. Each operator must grasp the cot frame securely.

To lower the cot from the ends, the operator at the foot end of the cot positions his/her hands so the release handle (A or B) can be squeezed while a secure grip is maintained on the lifting bars. Both operators must lift the cot until the weight is off the latching mechanism (approximately 1/4"). 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 lower the cot from the sides, the operator on the patient's right positions his/her hands so he/she can reach 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"). The operator at the patient's right 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.

WARNING

Grasping the **ARUGGED** Cot improperly can cause injury. Grasp only the litter frame or the lifting bar to lift the cot. Keep hands, fingers and feet away from moving parts. To avoid injury, use extreme caution when placing your feet near the base tubes while raising and lowering the cot.

Changing the Height of an Empty Cot with One Operator

To raise/lower the cot from the foot end:

- Standing at the foot end of the cot, grasp the lower foot end lift tube.
- 2. Tip the cot up onto the load wheels (Figure 26).
- 3. Squeeze and hold the release handle and raise or lower the foot end to the desired position.
- 4. Lower the cot back onto the four base wheels (Figure 27).



Figure 26 - Cot Tipped on Load Wheels



Figure 27 - Cot Lowered to Ground

To raise/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 (Figure 28).
- 3. Squeeze the side release handle and raise or lower the cot to the desired position.

WARNING

If lowering the cot to the lowest position (position 1), remove your foot from the base tube or injury could result (Figure 29).



Figure 28 – Holding Outer Support Rail



Figure 29 – Lowering Cot From Side

Adjusting Leg Rest

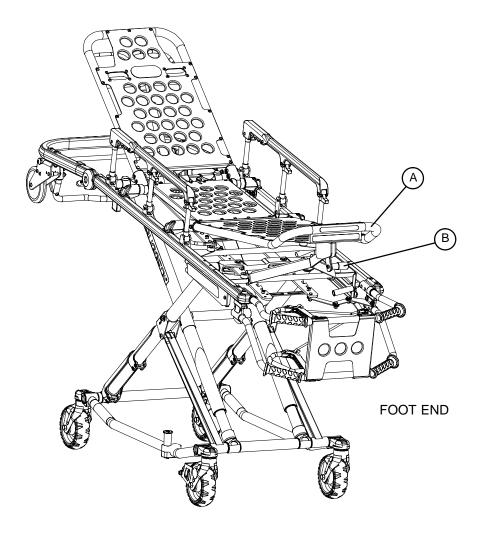


Figure 30 - Leg Rest Elevated

The leg rest is adjustable to allow for elevation of the patient's legs.

To raise the leg rest, lift the leg rest frame (A) as high as possible. The support bracket will engage automatically. Release the frame after the support bracket has engaged.

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

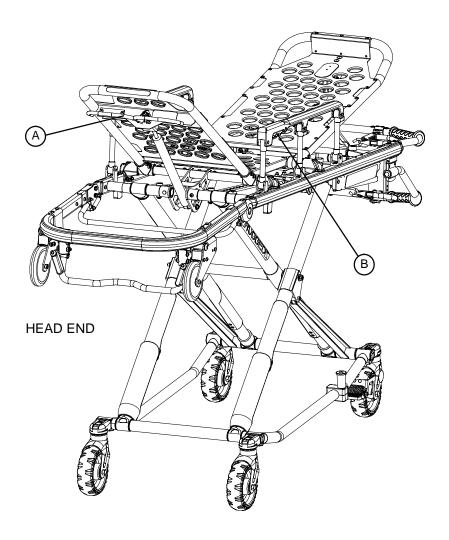


Figure 31 - Backrest Elevated and Siderails Raised

Operating Backrest

To raise, squeeze handle (A) for pneumatic assist in lifting the Backrest to the desired height. Remove hand(s) from handle when desired height is achieved.

To lower, squeeze handle (A) and push down on the Backrest frame until the Backrest has reached the desired height. Remove hand(s) from handle when desired height is achieved.

Operating Siderails

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

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

WARNING

Siderails are not intended to serve as a patient restraint device. Refer to pages 13 and 14 for proper restraint strap usage. Failure to utilize the siderails properly could result in patient injury.

Operating Breakaway Head Section

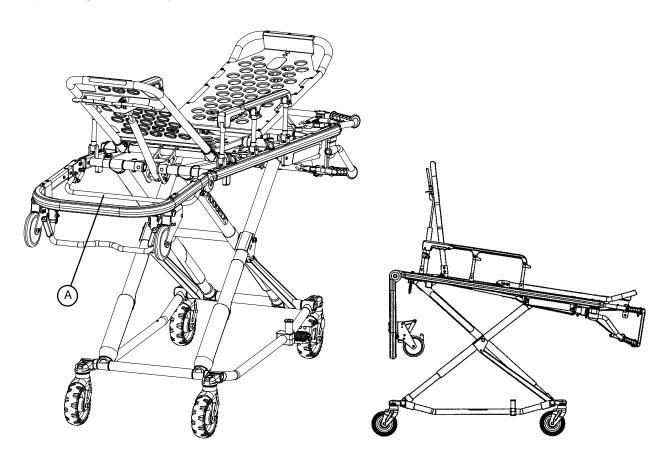


Figure 32 – Breakaway Head Section ReleaseBar

Figure 33 – Lowered Breakaway HeadSection

The head end of the cot litter folds down to shorten the length of the cot and allow for maneuvering when space is limited in elevators, halls, etc.

The breakaway head section should only be used when the cot is in positions 5–7 (see page 12).

To lower the breakaway head section, raise the backrest to its uppermost position (see page 26 for backrest operation instructions). Squeeze the release bar (A) at the head end of the cot with one hand while supporting the head section with the other hand. Lower the head section.

To raise the breakaway head section, lift the break—away head section until the release bar clicks and the head section locks into place.

CAUTION

Damage to the cot can occur if the cot is lowered in the shortened position. Use only positions 5–7 (see page 12) when the cot is shortened.

Operating 2-Stage I.V. Pole

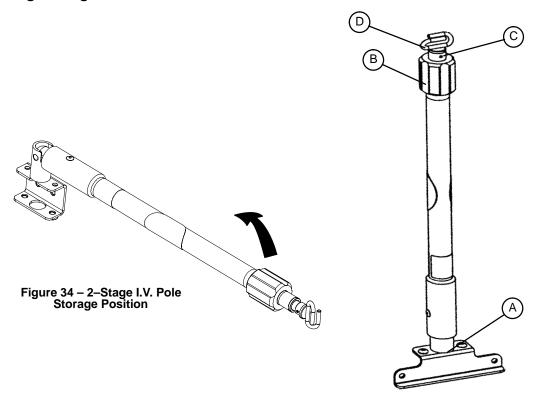


Figure 35 - 2-Stage I.V. Pole

- 1. Lift and pivot the pole from the storage position and push down until it is locked into 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 I.V. bags on the I.V. hook (D).

CAUTION

The weight of the I.V. bags or equipment must not exceed 40 pounds.

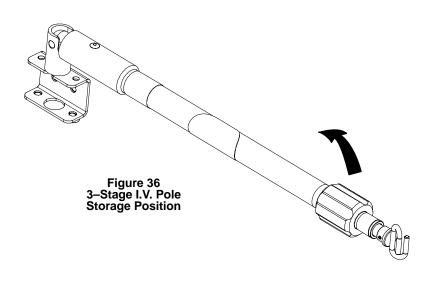
Operating 3-Stage I.V. Pole (Optional Equipment)

- 1. Lift and pivot the pole from the storage position and push down until it is locked into 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).

CAUTION

The weight of the I.V. bags or equipment must not exceed 40 pounds.

- 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. Lift up and pivot the pole down into the storage position.



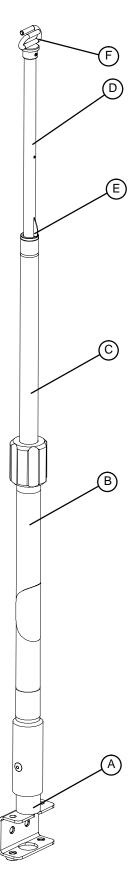


Figure 37 - 3-Stage I.V. Pole

Cleaning

Hand wash all surfaces of the cot with warm water and mild detergent. Dry thoroughly. DO NOT STEAM CLEAN, PRESSURE WASH OR ULTRASONICALLY CLEAN. Using these methods of cleaning is **not** recommended and may void this product's warranty.

Clean Velcro **AFTER EACH USE**. Saturate Velcro with disinfectant and allow disinfectant to evaporate. (Appropriate disinfectant for nylon Velcro should be determined by the hospital.)

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

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

Quaternary Germicidal Disinfectants, used as directed, and/or Chlorine Bleach products, typically 5.25% Sodium Hypochlorite in dilutions ranging between 1 part bleach to 100 parts water, and 2 parts bleach to 100 parts water are not considered mild detergents. These products are corrosive in nature and may cause damage to your cot if used improperly. If these types of products are used to clean Stryker patient handling equipment, measures must be taken to insure the cots are rinsed 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.

REMOVAL OF IODINE COMPOUNDS

1. Use a solution of 1–2 tablespoons Sodium Thiosulfate in a pint of warm water to clean the stained area. Clean as soon as possible after staining occurs. If stains are not immediately removed, allow solution to soak or stand on the surface. 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.

Preventative Maintenance

Operation	Schedule	Procedure
Cleaning & Disinfecting	Each use.	See page 30.
Inspection	For 1–25 calls per month, inspect cot every 6 months.	See below for checklist.
	For 26–200 calls per month, inspect cot every 3 months.	
	For 201+ calls per month, inspect cot monthly.	

NOTE

Keep up-to-date maintenance records using the form on page 34.

Parts, Service or Technical Assistance:

Contact Stryker Customer Service at 1-800-327-0770 or

Stryker Medical 6300 Sprinkle Road Kalamazoo, MI 49001 ATTN: Customer Service

CHECKLIST

—— All fasteners secure (reference all asser	nbly drawings)
All welds intact, not cracked or broken	
No bent or broken tubing or sheet metal	
No debris in wheels	
All wheels secure, rolling and swivelling	properly
Optional wheel lock holds wheel securel	y when on and clears wheel when off
Siderails move and latch properly	
Backrest operating properly	
Optional accessories intact and operating	g properly
Height positioning latch functioning prop	erly
Cot secure in each height position	
Undercarriage folds properly	
Breakaway head section operating prop	erly
Safety bar operating properly	
Foot rest operating properly	
No rips or cracks in mattress cover	
Body restraints intact and working prope	rly
Lubricate base tubes (optional)	
Serial No	
Completed By:	Date:

Preventative Maintenance

BASE LUBRICATION

NOTE

The **ARUGGED**™ MX–PRO has been designed to operate without the need for lubrication. Tri–Flow with Teflon® lubricant may be used to reduce the force required to raise the undercarriage and to minimize wear. Do not use silicone, WD–40™, or lithium grease. They could harm the moving parts of the cot.

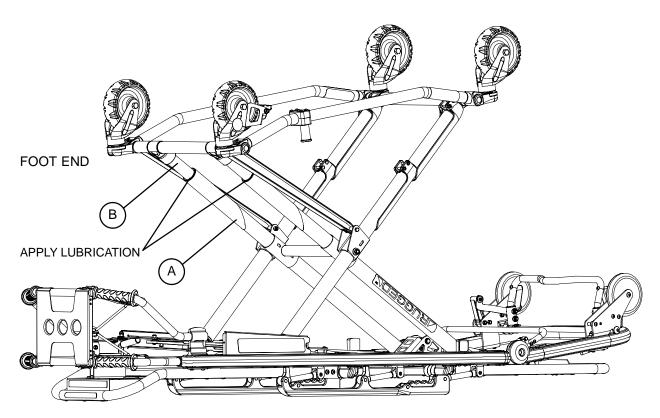


Figure 38 - Base Lubrication Locations

- 1. Place the cot in the highest position.
- 2. Turn the cot upside down with the base legs facing up.
- 3. Using the plastic applicator tube, spray Tri–Flow™ with Teflon® lubricant (Stryker part number 6082–199–12) in the gap between the upper (item A) and lower lift tubes (item B) on both foot end legs.
- 4. Let the cot sit for 5 minutes.
- 5. Turn the cot back over. Raise and lower the cot a few times to work the lubricant through the base tubes.
- 6. Wipe any excess lubricant from the base tubes.

Preventative Maintenance

PNEUMATIC BACKREST ADJUSTMENT

Required Tools:

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

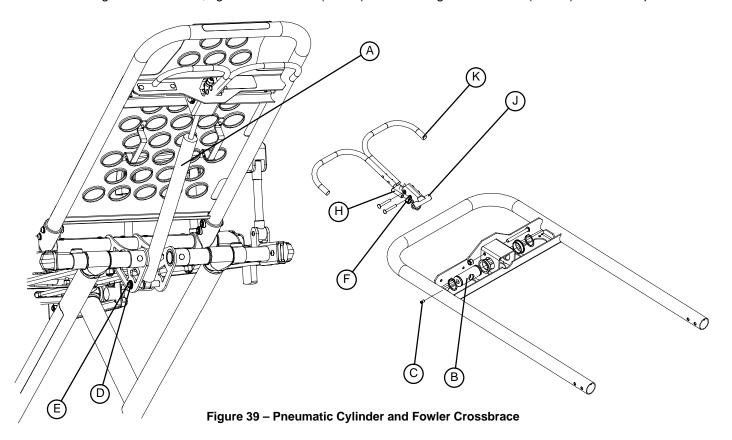
Adjustment Procedure:

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

NOTE

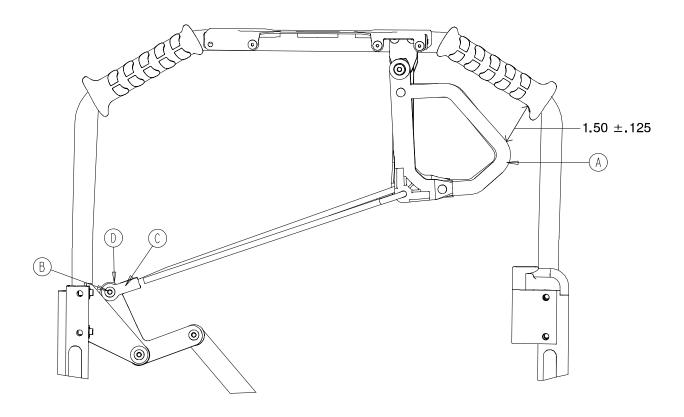
Before continuing with the backrest adjustment procedure, be sure the pneumatic cylinder (item A) is completely threaded into the yoke (item B) so no threads are showing on the shaft of the cylinder. If threads are showing, use a 3/32" Allen wrench to remove the set screw (item C) in the center of the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

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



Service Information

FOOT END RELEASE HANDLE ADJUSTMENT



- 1. Measure the perpendicular distance from the base of the grip radius to item A on both the upper and lower release handles. If this distance is greater/less than 1.50±.125" the handle needs adjustment.
- 2. If the handle requires adjustment, remove screw (B), turn rod ends (C and D), and replace screw (B). Repeat steps 1 and 2 until a distance of 1.50±.125" is achieved for each of the handles.

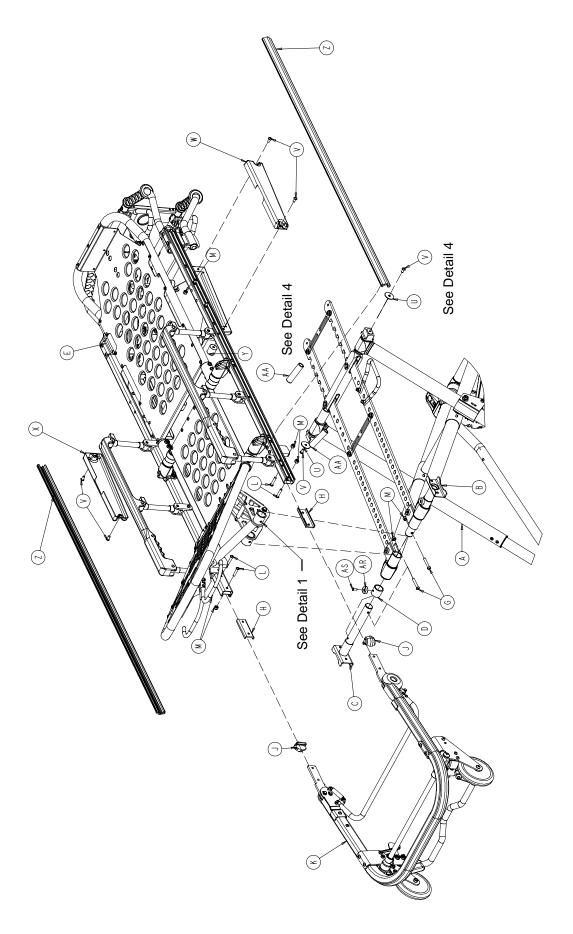
Service Information

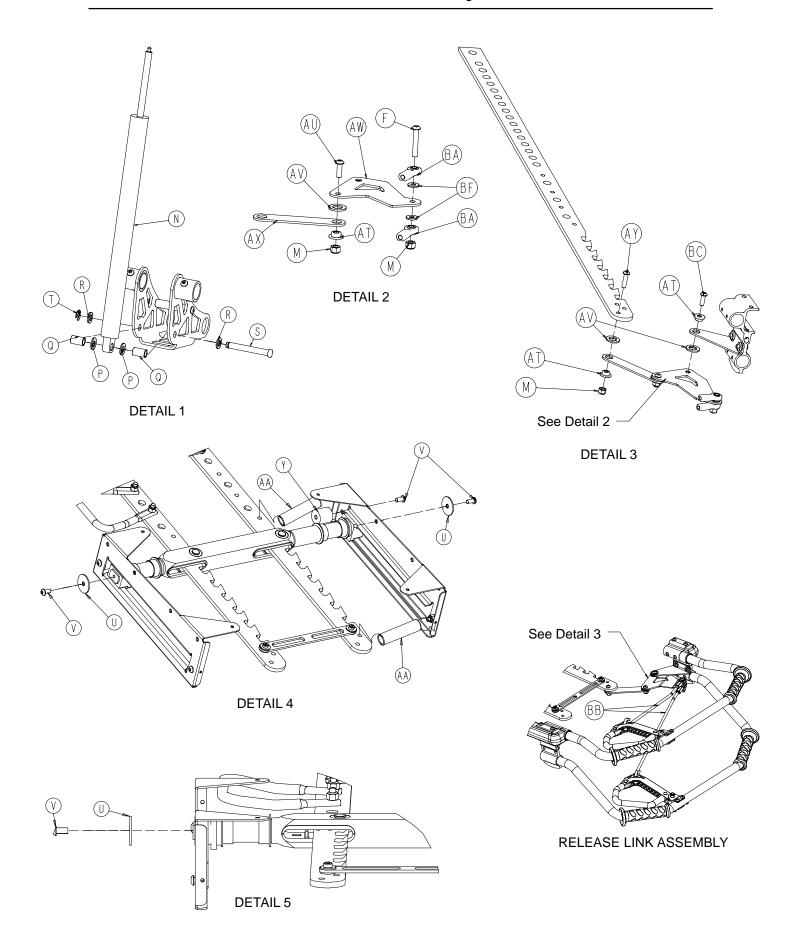
Maintenance Record

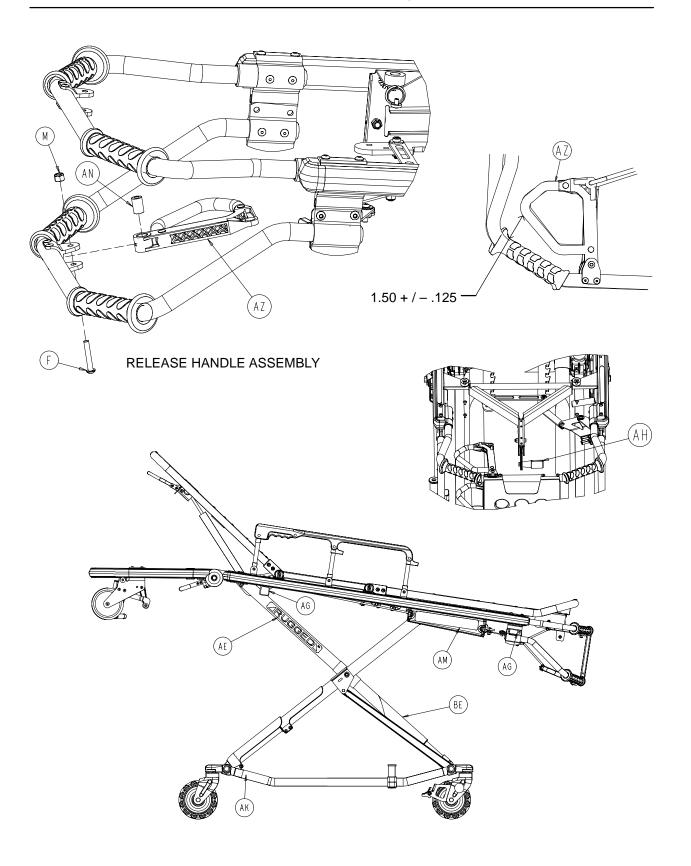
Date	Maintenance Operation Performed	Ву

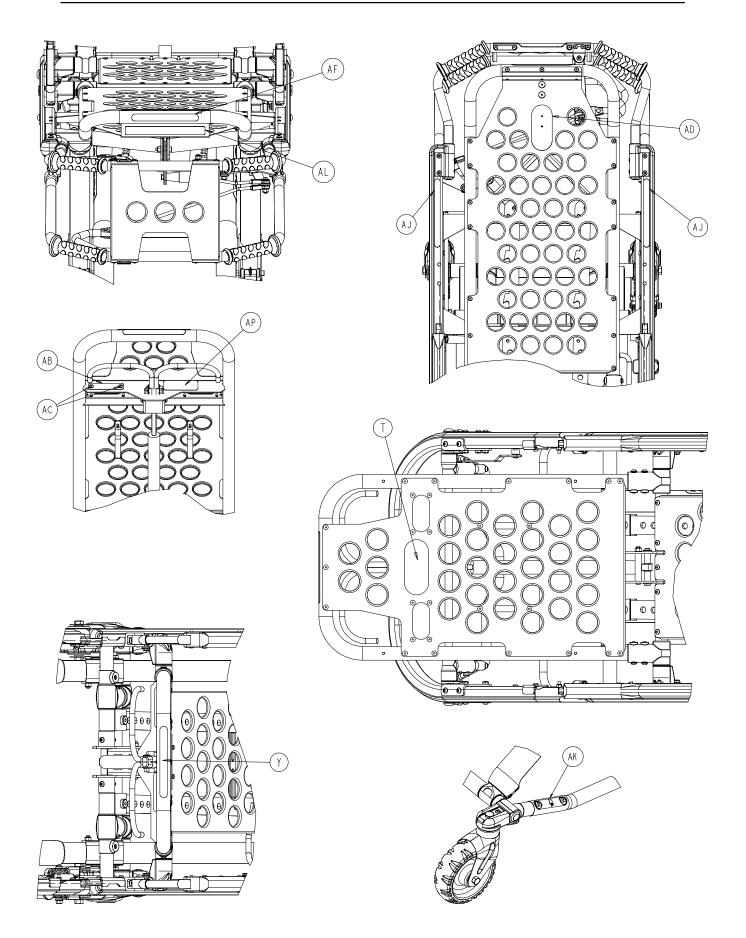
Training Record

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

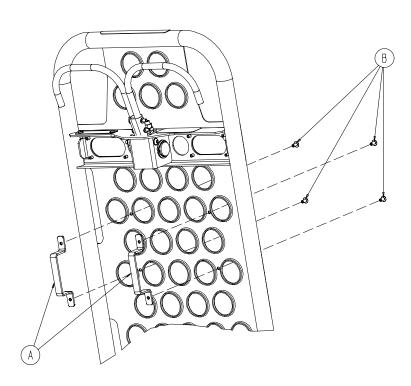


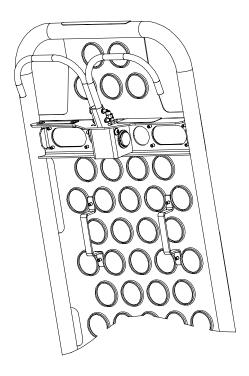






Item	Part No.	Part Name	Qty.
Α	(page 42-45)	Base Assembly	1
В	(page 52)	Litter/Base Adapter Ass'y, Right	1
C	(page 53)	Litter/Base Adapter Ass'y, Left	1
D	6082-205-60	Litter/Base Adapter Spacer Sleeve	2
E	(page 54–59)	Litter Assembly	1
F	4–135	Button Head Cap Screw	3
G	4–204	•	2
		Button Head Cap Screw	2
H	6060–37–26	Pivot Spacer Plate	2
J	6060–37–35	Outer Rail End Cap	
K	(page 62–64)	Breakaway Head Section Ass'y	1
L	4–198	Button Head Cap Screw	4
M	16–28	Hex Nut	13
N	1010–31–77	Gas Cylinder	1
P	14–21	Washer	2
Q	6082–31–46	Litter/Base Interface Pivot Spacer	2
R	11–448	Washer	2
S	6082–31–31	Clevis Pin	1
T	28–181	Retaining Ring	1
U	11–355	Washer	2
V	4–325	Button Head Cap Screw	6
W	6080–33–37	Retainer Plate Cover, Right	1
Χ	6080-33-36	Retainer Plate Cover, Left	1
Υ	37–82	Vibration Mount	2
Z	6080-30-43	Litter Frame Bumper	2 2 2
AA	38–348	Extension Spring	2
AB	6060-90-2	Serial Number Tag	1
AC	25–79	Blind Rivet	2
AD	6060–32–46	2" Adhesive Loop Pile	2
AE	6082–90–3	Large "Rugged" Label	2
AF	6060-90-4	Small "Rugged" Label	2
AG	6060–90–114	"Keep Hands Clear" Label	4
AH	6070–90–107	"Lift to Release" Label	1
AJ	6082–90–111	"600 Lb. Max" Label	1
AK	6080-90-108	"Lift Here" Label	2
AL	6080-90-9		1
AM		Damage Warning Label	2
	6082–90–110	MX-PRO Label	2
AN	6080-40-44	Link Release Spacer	
AR	946–1–155	Bumper	2
AS	25–133	Blind Rivet	2 3
AT	6082–5–92	Pivot Bushing	3
AU	4–161	Button Head Cap Screw	1
AV	11–45	Nylon Washer	3
AW	6082–105–70	Release Handle Bell Crank	1
AX	6082–5–76	Release Link	1
AY	4–197	Button Head Cap Screw	1
AZ	(page 65)	Release Handle Assembly	2
BA	6090–5–46	Rod End	2
BB	6082-40-23	Pull Handle Link	2
BC	4–468	Button Head Cap Screw	1
BE	6082-90-40	Leg Label	1
BF	11–63	Washer	2

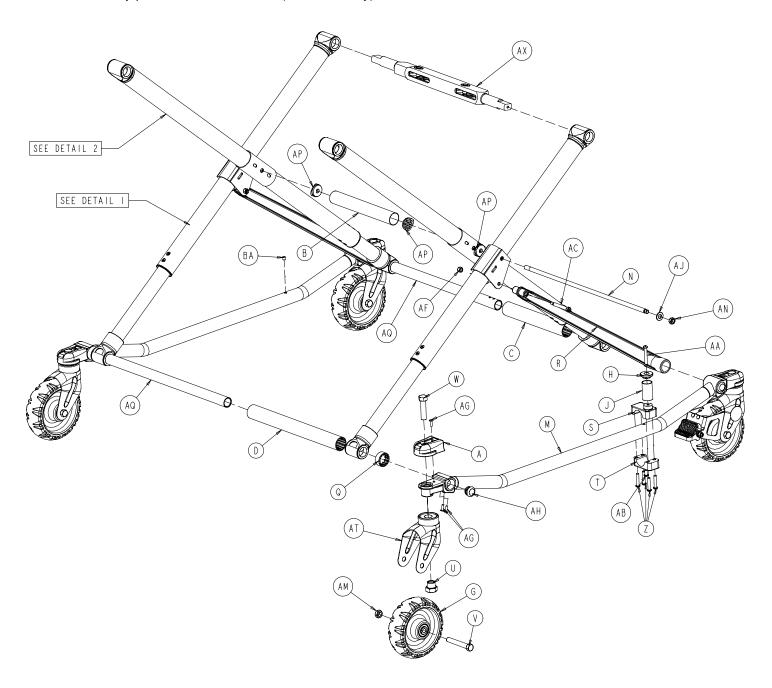


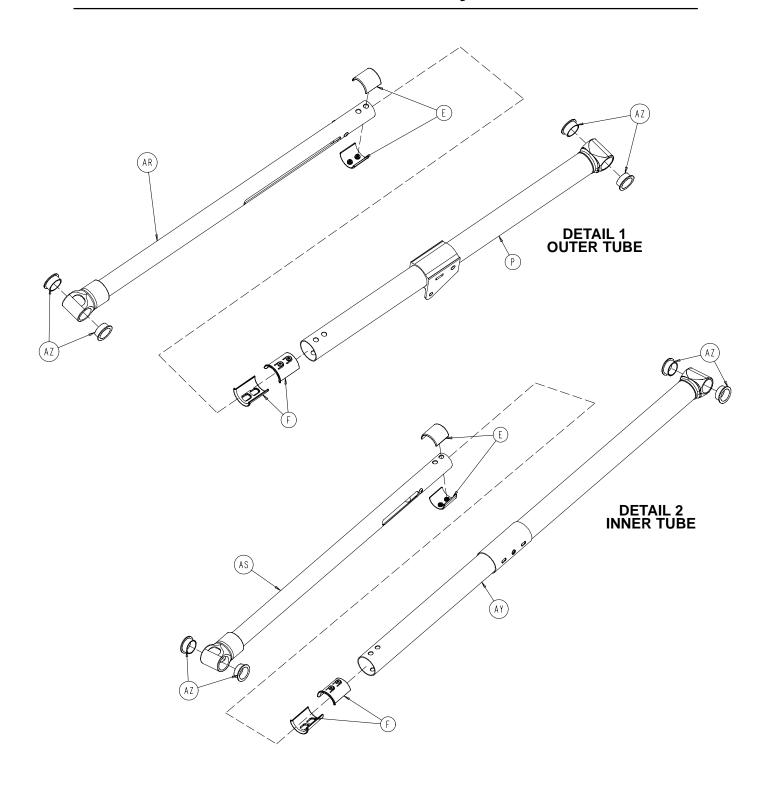


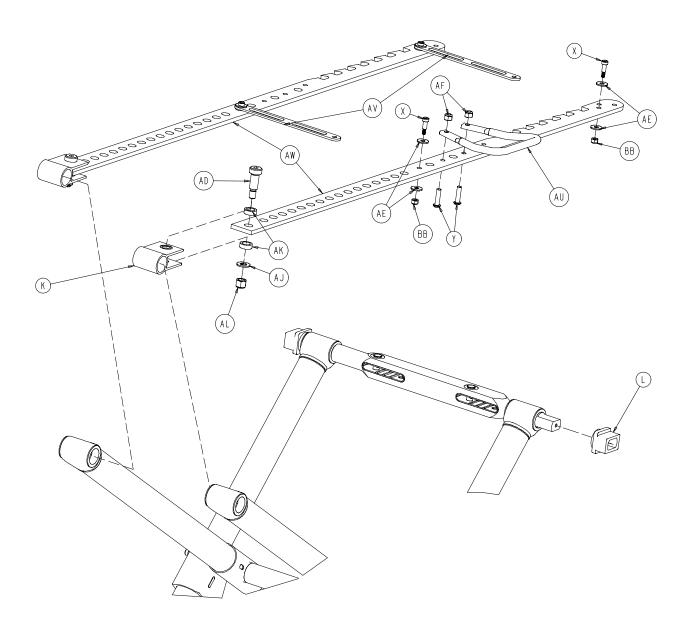
6080-300-10 Pedi-Mate[™] Restraint Bracket Option

Item	Part No.	Part Name	Qty.
Α	6080-32-60	Restraint Bracket	2
В	25-79	Rivet	4

Assembly part number 6082–1–11 (reference only)



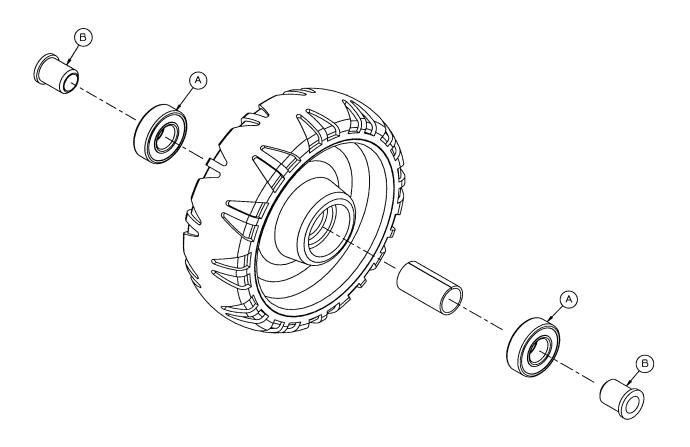




A 6060-1-21 Caster Mount Cover B 6060-1-30 Center Base Spacer C 6060-1-31 Inner Base Spacer, Foot End	4 1 1 1 8 8 4
C 6060-1-31 Inner Base Spacer, Foot End	1 1 1 8 8
C 6060-1-31 Inner Base Spacer, Foot End	1 8 8
	8 8
D 6060–1–32 Inner Base Spacer, Head End	8
E 6060–1–70 Upper Frame Tube Bearing	
F 6060–1–71 Lower Frame Tube Bearing	4
G (page 46) Wheel Assembly	
H 6060-4-43 Retaining Post Cap	1
J 6060–4–44 Retaining Post Tube	1
K 6060–5–29 Height Adj. Rack Mounting Pivot	2
L 6060-5-44 Lock Bar Slide Bearing	2 2
M 6060–101–15 Outer Base Tube Ass'y	2
N 6060–101–28 Base Connecting Rod	1
P 6060–201–53 Litter Pivot Outer Lift Tube	2
Q 6080–1–29 Outer Base Spacer, Head End	2
R 6080–1–46 Support Link	2
S 6080–4–45 Top Retaining Post Bracket	1
T 6080–4–46 Bottom Retaining Post Bracket	1
U 6090-1-9 Caster Nut	4
V 3–205 Hex Head Cap Screw	4
W 3–353 Hex Hd. Cap Screw	4
X 4–161 Button Head Cap Screw	4
Y 4–197 Button Head Cap Screw	2
Z 4–198 Button Head Cap Screw	4
AA 4–204 Button Head Cap Screw	1
AB 4–232 Button Head Cap Screw	1
AC 8–28 Hex Socket Head Shoulder Bolt	2
AD 8–45 Hex Socket Head Shoulder Bolt	2
AE 14–92 Nylon Washer	4
AF 16–28 Hex Nut	8
AG 25–133 Blind Rivet	12
AH 37–225 Tube Plug	4
AJ 11–4 Washer	4
AK 11–350 Washer	4
AL 16–35 Hex Nut	2
AM 16–60 Hex Nut	4
AN 16–89 Hex Nut	2
AP 6082–1–27 Connecting Rod Bearing	4
AQ 6082–1–43 Base Tube	2
AR (page 47) Base Pivot Outer Lift Tube Ass'y	2
AS (page 48) Base Pivot Inner Lift Tube Ass'y	2
AT 6082–2–12 Caster Horn	*
AU 6082-5-26 Side Release Handle	1
AV 6082–5–38 Height Adj. Rack Cross Brace	2
AW 6082–5–52 Height Adjustment Rack	2
AX (page 49) Lock Bar Assembly	1
AY 6082–101–55 Litter Pivot Inner Lift Tube	2
AZ 81–244 Flange Bearing	16
BA 721–31–65 Hole Plug	1

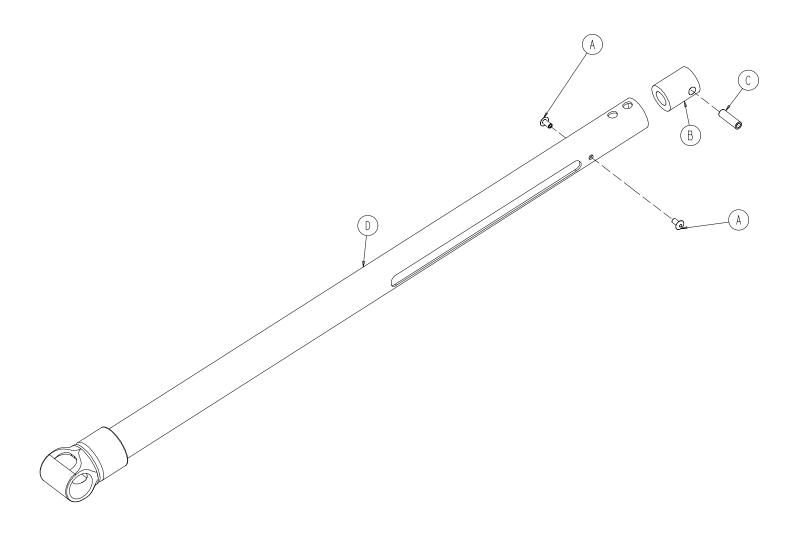
^{*} If the cot is not equipped with the wheel lock option, item AT, Caster Horn, is a quantity of 4. If the cot is equipped with the wheel lock option, item AT, Caster Horn, is a quantity of 3.

6060-2-10 Wheel Assembly



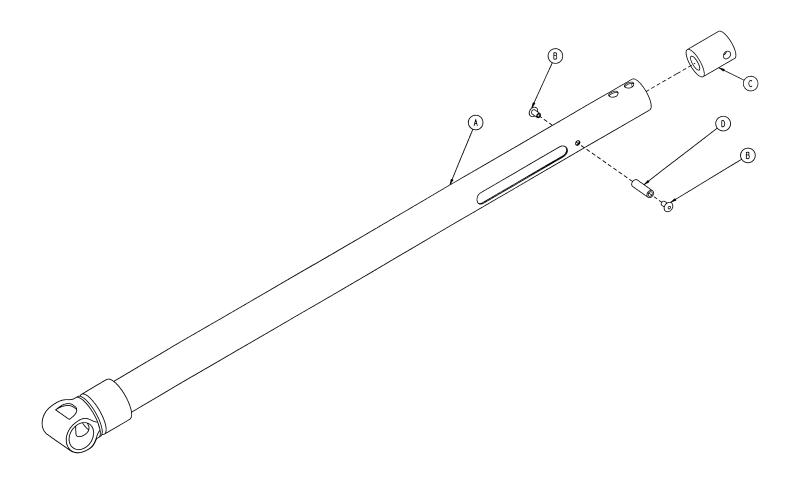
ltem	Part No.	Part Name	Qty.
Α	81–226	Bearing	2
В	715–1–255	Wheel Bushing	2

6082-1-67 Base Pivot Outer Lift Tube Assembly



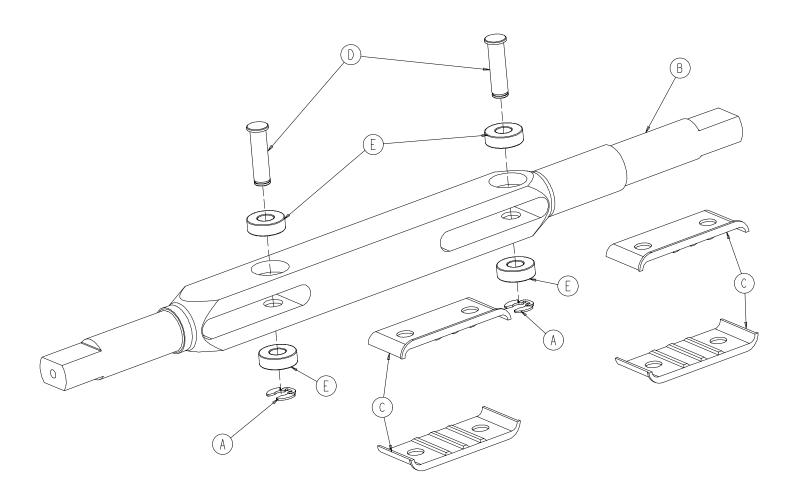
Item	Part No.	Part Name	Qty.
Α	25–79	Blind Rivet	2
В	6082-1-35	Dampener	1
С	6082-1-36	Dampener Sleeve	1
D	6082-1-57	Outer Lift Tube Weldment	1

6082-1-69 Base Pivot Inner Lift Tube Assembly



Item	Part No.	Part Name	Qty.
Α	6082-1-59	Inner Lift Tube Weldment	1
В	25–79	Blind Rivet	2
С	6082-1-35	Dampener	1
D	6082-1-36	Dampener Sleeve	1

6082-5-56 Height Adjustment Lock Bar Assembly

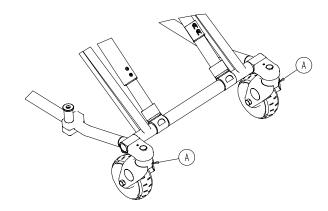


Item	Part No.	Part Name	Qty.
Α	28-181	Retaining Ring	2
В	6082-5-55	Height Adj. Rack Lock Bar	1
С	6082–5–65	Lock Bar Slide Plate	4
D	6082-5-96	Height Adj. Rack Latch Pin	2
E	81–248	Bearing	4

Wheel Lock Options

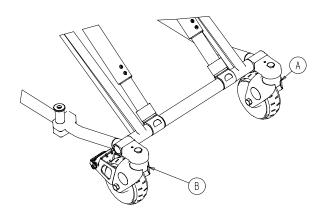
6082-500-10 No Wheel Lock Option

ltem	Part No.	Part Name	Qty.
Α	6082-2-12	Caster Horn	2



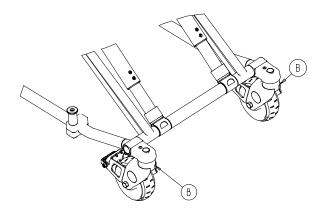
6082-501-10 One Wheel Lock Option

ltem	Part No.	Part Name	Qty.
Α	6082-2-12	Caster Horn	1
В	(page 51)	Wheel Lock Ass'y	1

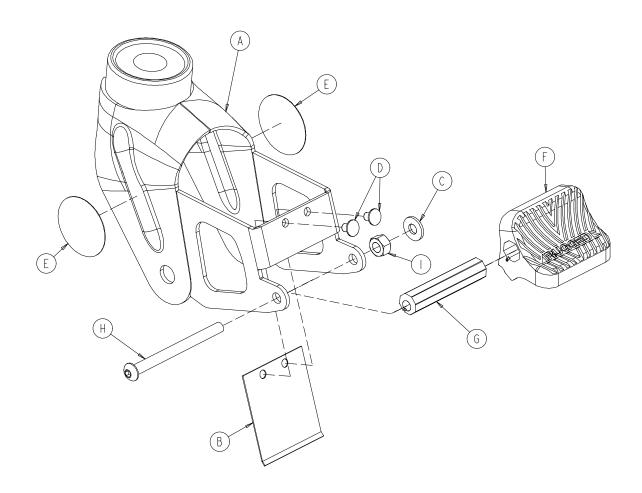


6082-502-10 Two Wheel Locks Option

ltem	Part No.	Part Name	Qty.
В	(page 51)	Wheel Lock Ass'y	2

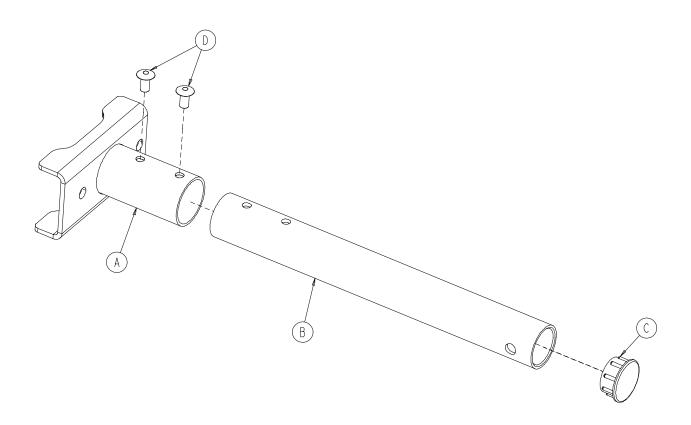


6082–200–10 Adjustable Wheel Lock Assembly



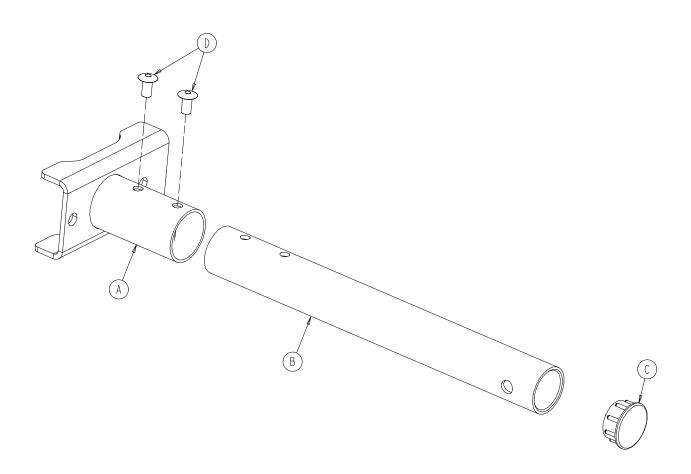
Item	Part No.	Part Name	Qty.
Α	6082-100-12	Caster Horn	1
В	6080-100-32	Spring	1
С	11–456	Washer	1
D	25–153	Semi–Tubular Rivet	2
E	6080-90-101	Warning Label	2
F	6080-200-30	Adjustable Pedal	1
G	6080-200-41	Octagonal Sleeve	1
Н	4–67	Hex Soc. But. Hd. Cap Screw	1
I	16–118	Centerlock Nut	1

6082–205–50 Litter/Base Adapter Assembly, Right

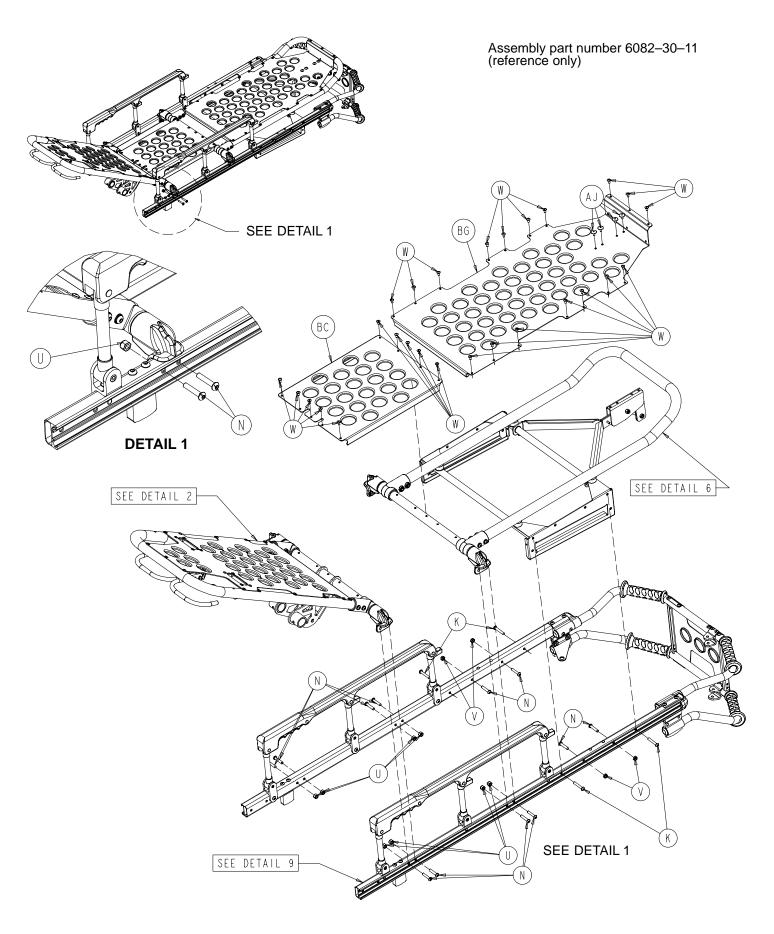


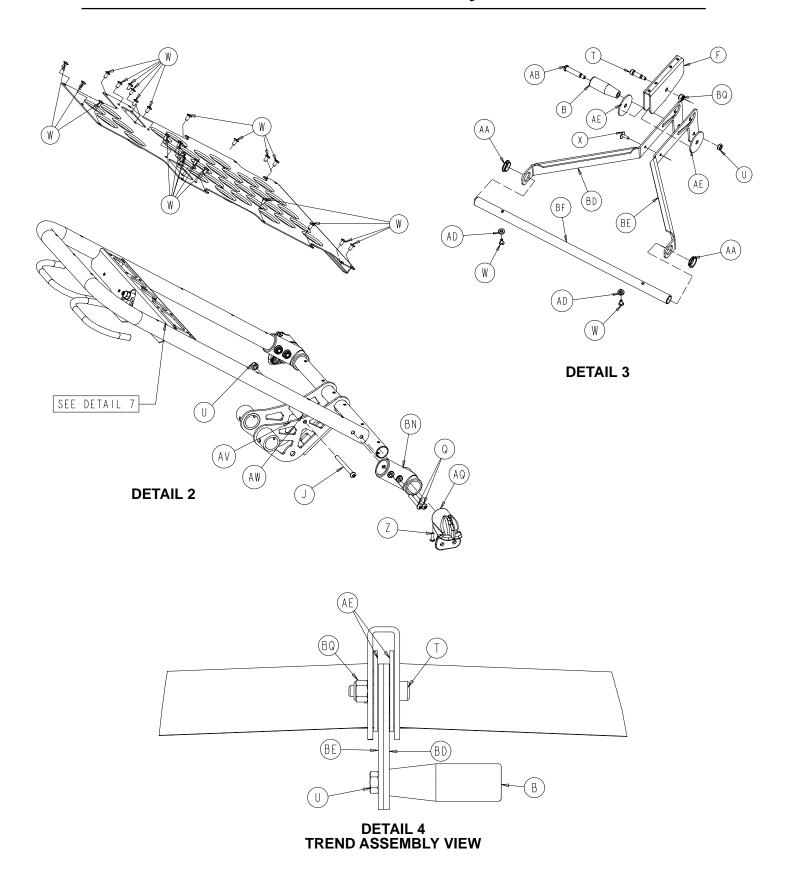
Item	Part No.	Part Name	Qty.
Α	6082-5-34	Adapter Mounting Bracket, Rt.	1
В	6082-5-51	Adapter Pivot Tube	1
С	37–204	Hole Plug	1
D	25–79	Blind Rivet	2

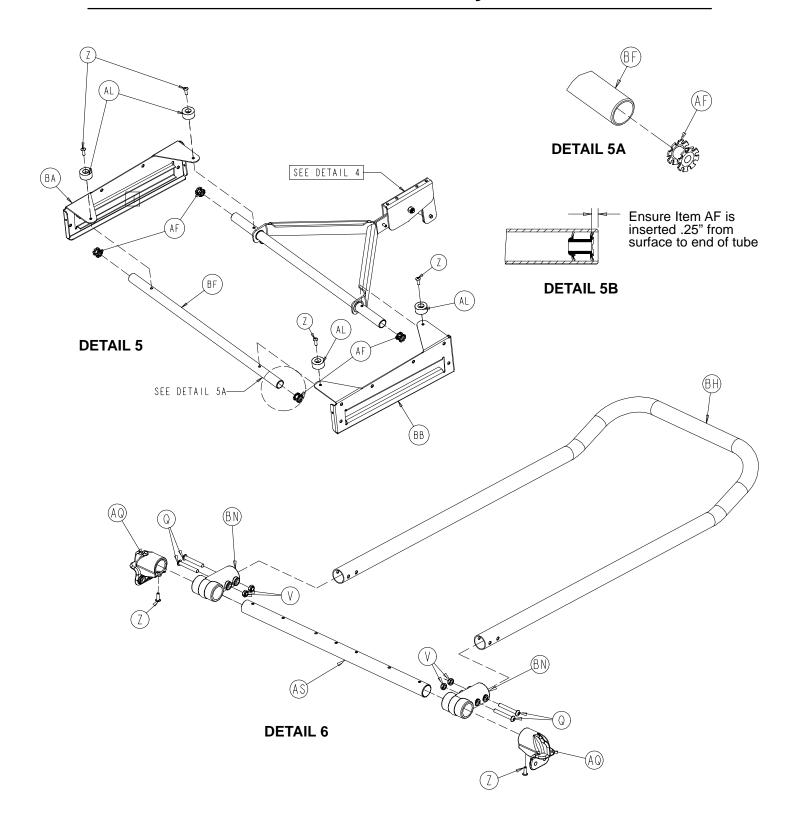
6082–205–53 Litter/Base Adapter Assembly, Left

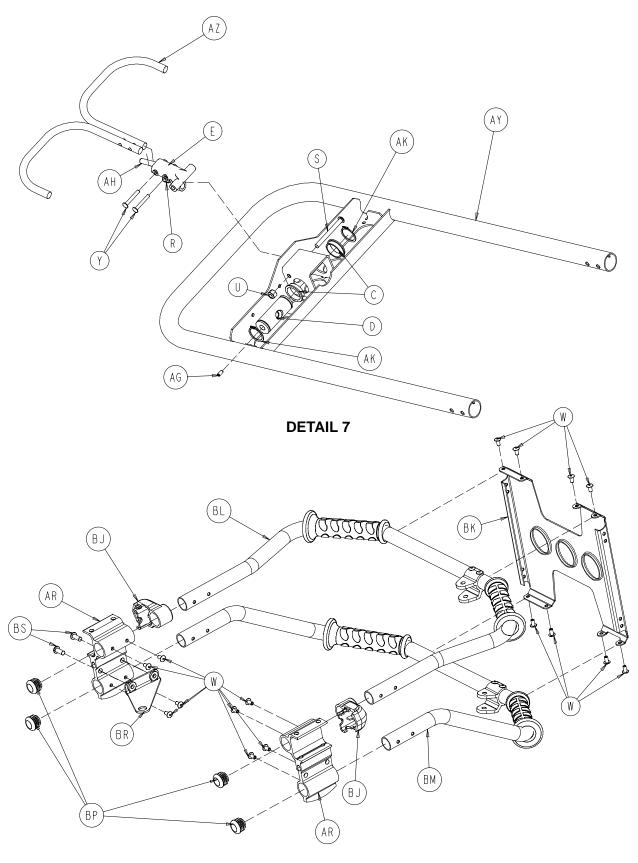


Item	Part No.	Part Name	Qty.
Α	6082-5-35	Adapter Mounting Bracket, Lt.	1
В	6082–5–51	Adapter Pivot Tube	1
С	37–204	Hole Plug	1
D	25–79	Blind Rivet	2

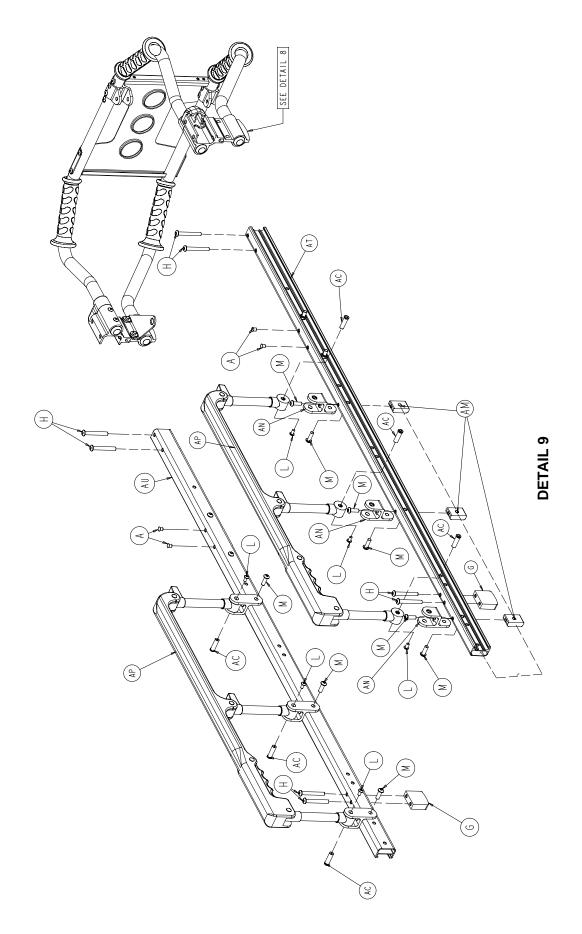






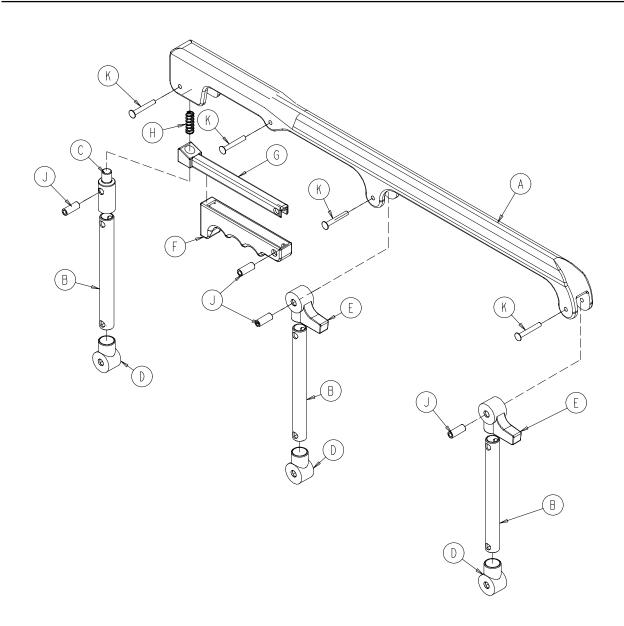


DETAIL 8



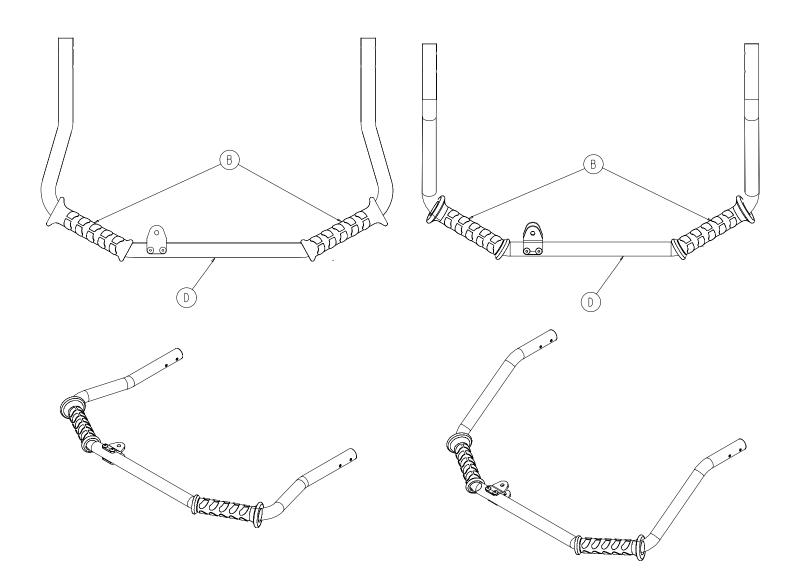
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
Α	721-31-65	Hole Plug	4	AK	28-76	External Retaining Ring	2
В	938-1-177	Knob	1	AL	56-16	Bumper	4
С	946-35-25	Liner	2	AM	6082-25-33	Pivot Mount Spacer	6
D	6060-32-38	Gas Cylinder Yoke	1	AN	6082-25-55	Pivot Mount	6
E F	6060-32-40	Fowler Lift Pivot	1	AP	(page 60)	Siderail Assembly	2
F	6070-38-33	Calf Stand Retainer	1	AQ	6082-30-31	Crossbrace Supt. Mount	4
G	6080-30-40	Litter Stop	2	AR	6082-30-38	Foot End Litter Stop	2
Н	4–97	Button Head Cap Screw	8	AS	6082-30-42	Litter Cross Brace	2
J	4–98	Button Head Cap Screw	1	AT	6082-30-46	Outer Support Rail, Right	1
K	4-135	Button Head Cap Screw	4	AU	6082-30-47	Outer Support Rail, Left	1
L	4-136	Button Head Cap Screw	6	AV	6082-31-30	Litter/Base Interface	1
M	4-161	Button Head Cap Screw	12	AW	6082-31-47	Lit./Base IF Pivot Spacer	1
N	4-198	Button Head Cap Screw	12	AX	6082-32-45	Fowler Skin	1
Q	4-204	Button Head Cap Screw	9	AY	6082-32-50	Fowler Weldment	1
R	15-50	Hex Nut	1	ΑZ	6082-32-52	Fowler Lift Rel. Handle	1
S	4-234	Button Head Cap Screw	1	BA	6082-33-32	Slide Plate, Left	1
Т	8–27	Shoulder Bolt	1	BB	6082-33-33	Slide Plate, Right	1
U	16–28	Hex Nut	12	BC	6082-34-46	Midsection Skin	1
V	16-102	Hex Nut	12	BD	6082-38-31	Calf Stand Support, Lt.	1
W	25-79	Blind Rivet	68	BE	6082-38-32	Calf Stand Support, Rt.	1
Χ	25-128	Blind Rivet	1	BF	6082-38-35	Litter Crossbrace	2
Υ	25-131	Semi–Tubular Rivet	2	BG	6082-38-45	Foot Section Skin	1
Z	25-133	Blind Rivet	8	BH	6082-38-46	Foot Section Tube	1
AA	81-255	Split Bearing	2	BJ	6080-40-12	Outer Rail End Cap, Ft.	2
AB	378-24-29	Shoulder Bolt	1	BK	6082-40-30	Lift Brace	1
AC	721-26-66	Pivot Screw	6	BL	(page 61)	Upper Lift Tube Ass'y	1
AD	14–67	Washer	2	BM	(page 61)	Lower Lift Tube Ass'y	1
ΑE	14–73	Washer	2	BN	6100-3-125	Straight "T" Pivot	4
AF	18–38	Umbrella Nut	1	BP	37-238	Hole Plug	4
AG	21-119	Set Screw	1	BQ	16–78	Centerlock Nut	1
AH	21-138	Set Screw	1	BR	6082-5-73	Bracket	1
AJ	25–132	Blind Rivet	4	BS	4–455	But. Hd. Cap Screw	2

6082-26-10 Siderail Assembly



Item	Part No.	Part Name	Qty.
Α	6060-25-24	Top Rail	1
В	6060-25-43	Spindle	3
С	6060-25-47	Spindle Lock	1
D	6060-25-41	Spindle Pivot	3
E	6060-25-40	Spindle Pivot Stop	2
F	6060-25-29	Lock Release Grip	1
G	6061-125-30	Lock Bar	1
Н	38-344	Compression Spring	1
J	6060-25-35	Pivot Bushing	4
K	25–131	Rivet	4

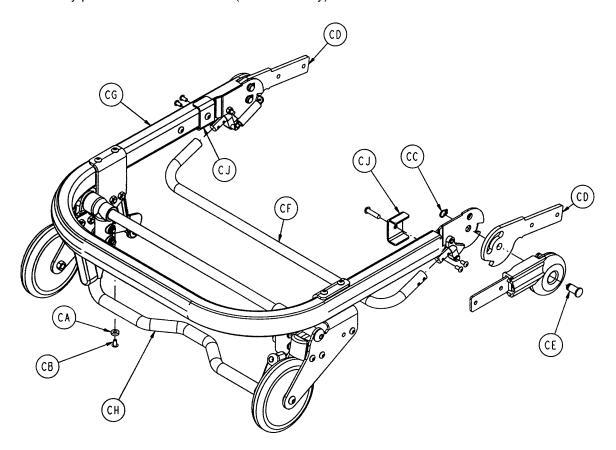
Upper & Lower Lift Tube Assembly



6082-40-53 Upper Lift Tube Assembly			6082-40-54 Lower Lift Tube Assembly				
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
В	6080-40-11	Grip	2	В	6080-40-11	Grip	2
D	6082-40-51	Upper Lift Tube Assembl	y 1	D	6082-40-52	Lower Lift Bar Assembly	1

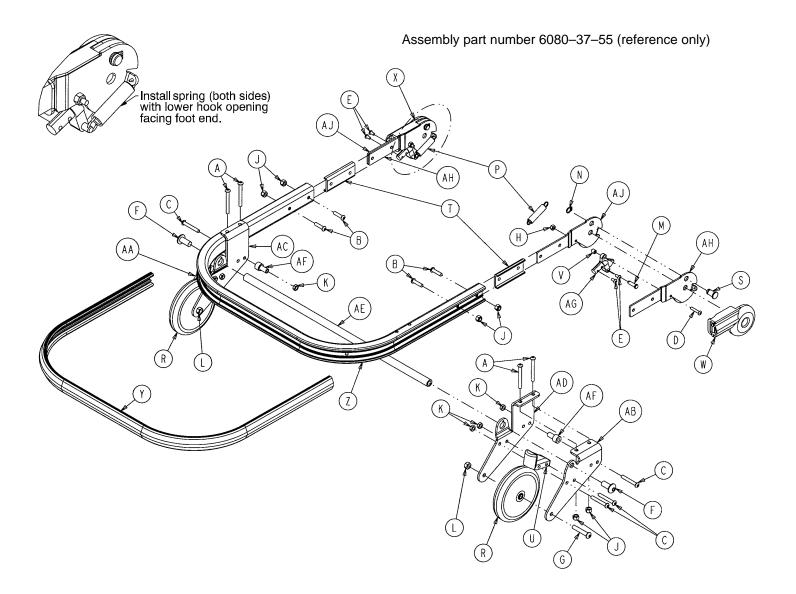
Breakaway Head Assembly

Assembly part number 6080–37–10 (reference only)



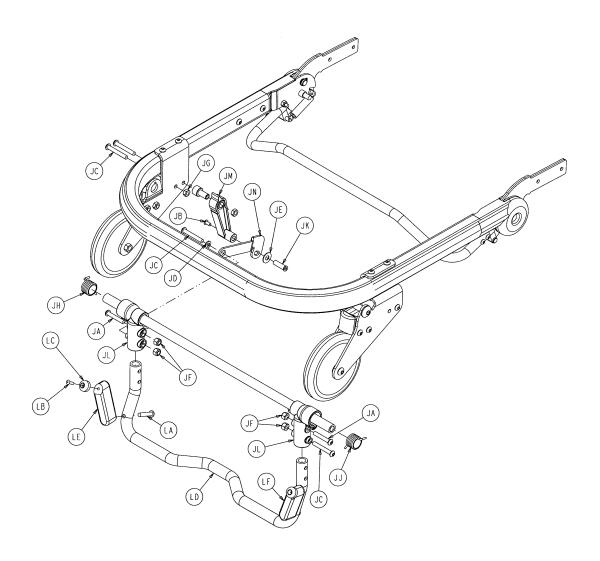
Item	Part No.	Part Name	Qty.
CA	14–67	Nylon Flat Washer	2
СВ	25–79	Rivet	2
CC	28-138	Retaining Ring	2
CD	6082-37-40	Center Pivot	4
CE	6080–36–25	Pivot Pin	2
CF	6080-36-47	Bent Release Crossbar	1
CG	(page 63)	Breakaway Head Section	1
CH	(page 64)	Safety Hook Option	1
CJ	6082-37-25	Strength Bracket	2

Breakaway Head Assembly



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
Α	4–163	H. Soc. But. Hd. Cap Scr.	4	Т	6060-37-26	Pivot Spacer Plate	2
В	4–197	H. Soc. But. Hd. Cap Scr.	4	U	6060-37-33	Horn Stop Block	2
С	4-204	H. Soc. But. Hd. Cap Scr.	9	V	6060-37-36	Trigger Lock Spacer	2
D	4-222	H. Soc. But. Hd. Cap Scr.	2	W	6060-37-37	Pivot Cover, Right	1
E	4-231	H. Soc. But. Hd. Cap Scr.	4	Χ	6060-37-38	Pivot Cover, Left	1
F	4–310	But. Hd. Cap Screw	2	Υ	6080-36-44	Bumper	1
G	4–54	But. Hd. Cap Screw	2	Z	6080-36-45	Outer Rail	1
Н	16–3	Fiberlock Hex Nut	2	AA	6080-37-27	Outer Caster Horn, Left	1
J	16–28	Fiberlock Hex Nut	12	AB	6080-37-28	Outer Caster Horn, Right	1
K	16–78	Centerlock Hex Nut	7	AC	6080-37-29	Inner Caster Horn, Left	1
L	16–114	Centerlock Hex Nut	2	AD	6080-37-30	Inner Caster Horn, Right	1
M	26-269	Clevis Pin	2	ΑE	6080-37-34	Safety Hook Pivot Tube	1
Ν	28-138	Retaining Ring	4	AF	6080-37-49	Release Handle Spacer	2
Р	38–410	Extension Spring	2	AG	6090-37-39	Trigger Lock	2
R	6060-36-20	Five Inch Wheel Ass'y	2	AH	6082-37-42	Hd. Section Pivot, Right	2
S	6060-36-24	Pivot Stop Pin	2	AJ	6082-37-43	Hd. Section Pivot, Left	2

Breakaway Head Assembly

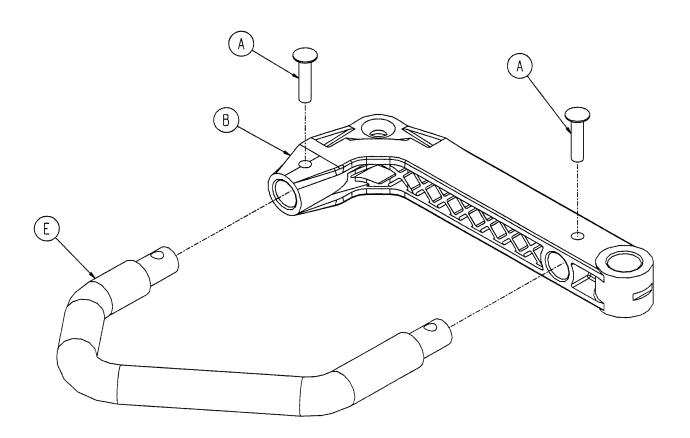


6091-156-10 Safety Hook Option

6091-156-16 Lift Option

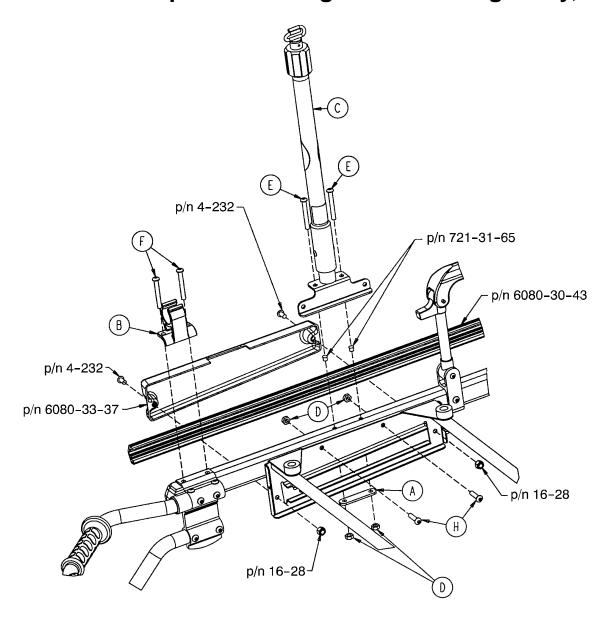
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
JA	4–135	H. Soc. But. Hd. Cap Scr.	2	LA	4-440	But. Hd. Cap Screw	2
JB	4-136	Pan Hd. Mach. Screw	1	LB	25-157	Dome Head Rivet	2
JC	4-204	Hex Soc. But. Hd. Cap So	r. 3	LC	56-19	Bumper	2
JD	11–65	Flat Washer	1	LD	6080-37-23	Lift Capable Hook Tube	1
JE	11-179	Flat Washer	1	LE	6091-160-21	Lift Nub, Left	1
JF	16–28	Fiberlock Hex Nut	4	LF	6091-160-22	Lift Nub, Right	1
JG	16–78	Centerlock Hex Nut	1			_	
JH	38-408	Torsion Spring	1				
JJ	38-409	Torsion Spring	1				
JK	721-26-66	Pivot Screw	1				
JL	6060-37-21	Safety Hook Pivot	2		6091–156	5–15 No Lift Option	
JM	6060-37-47	Safety Hook Rel. Handle	1			•	
JN	6080-237-48	Safety Hook Release Arm	n 1	LD	6080-37-22	Hook Tube	1

6080-40-40 Release Handle Assembly



Item	Part No.	Part Name	Qty.
Α	25–125	Rivet	2
В	6080-40-41	Release Handle Link	1
E	6080-40-50	Side Release Handle Ass'y	1

6080–210–10 Optional 2–Stage I.V. Mounting Ass'y, Rt. 6080–215–10 Optional 3–Stage I.V. Mounting Ass'y, Rt.

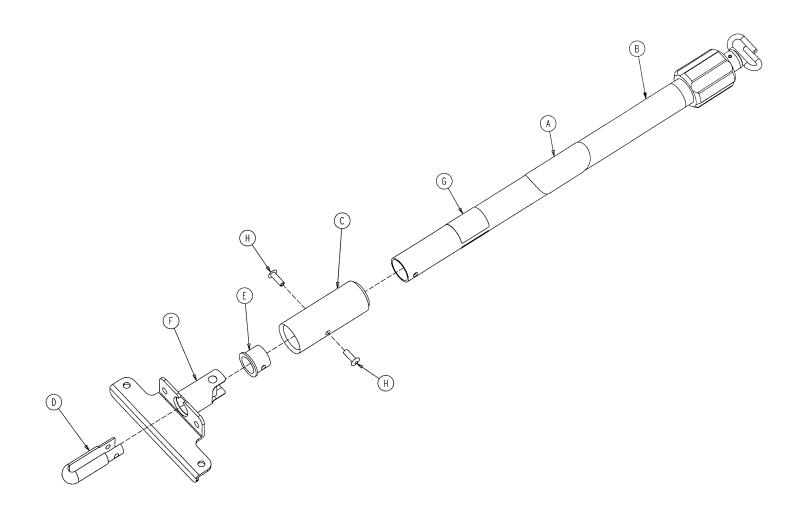


6080-210-10

6080-215-10

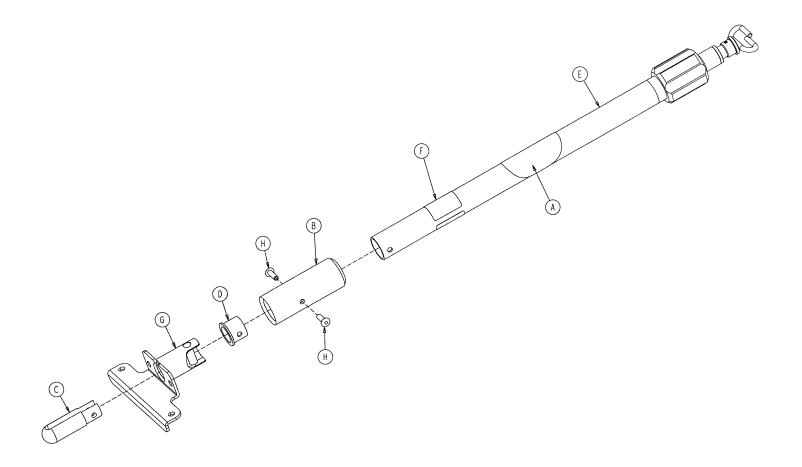
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
Α	6070-110-32	I.V. Retainer Plate	1	Α	6070-110-32	I.V. Retainer Plate	1
В	6080-110-35	I.V. Clip	1	В	6080-110-35	I.V. Clip	1
С	(page 67)	2-Stage I.V. Pole, Right	1	С	(page 68)	3-Stage I.V. Pole, Right	1
D	16–78	Centerlock Hex Nut	4	D	16–78	Centerlock Hex Nut	4
Е	4–97	Hex Soc. But. Hd. Cap Sc	r. 2	Е	4–97	Hex Soc. But. Hd. Cap Scr.	2
F	4-163	Hex Soc. But. Hd. Cap Sc	r. 2	F	4-163	Hex Soc. But. Hd. Cap Scr.	2
G	4–197	Hex Soc. But. Hd. Cap Sc	r. 2	G	4–197	Hex Soc. But. Hd. Cap Scr.	2

6080-210-20 2-Stage I.V. Assembly, Patient Right



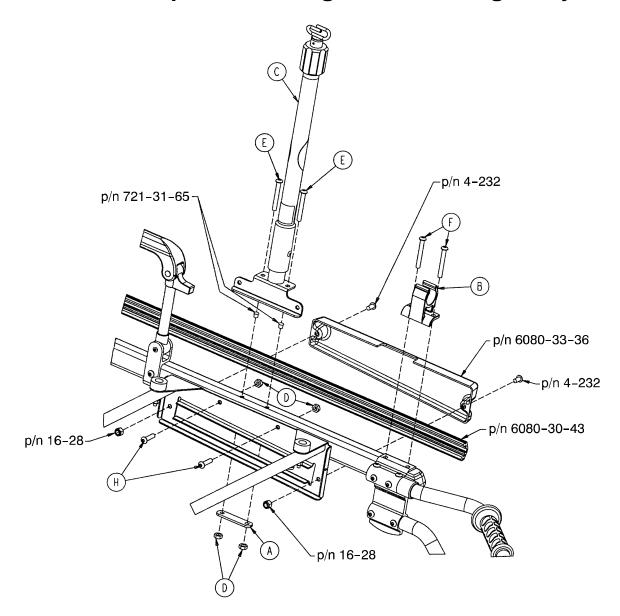
Item	Part No.	Part Name	Qty.
Α	6070-90-105	Caution Label	1
В	(page 72)	2-Stage I.V. Pole Assembly	1
С	6070-210-45	I.V. Pole Sleeve	1
D	6070-210-46	I.V. Pivot	1
Е	6070-210-49	I.V. Pivot Ring	1
F	6080-210-52	I.V. Socket Weldment, Right	1
G	6080-90-31	Specification Label	1
Н	25-133	Blind Rivet	2

6080-215-20 3-Stage I.V. Assembly, Patient Right



Item	Part No.	Part Name	Qty.
Α	6070-90-105	Caution Label	1
В	6070-210-45	I.V. Pole Sleeve	1
С	6070-210-46	I.V. Pivot	1
D	6070-210-49	I.V. Pivot Ring	1
E	(page 73)	3-Stage I.V. Pole Assembly	1
F	6080-90-33	Specification Label	1
G	6080-210-52	I.V. Socket Weldment, Right	1
Н	25-133	Blind Rivet	2

6080–211–10 Optional 2–Stage I.V. Mounting Ass'y, Left 6080–216–10 Optional 3–Stage I.V. Mounting Ass'y, Left

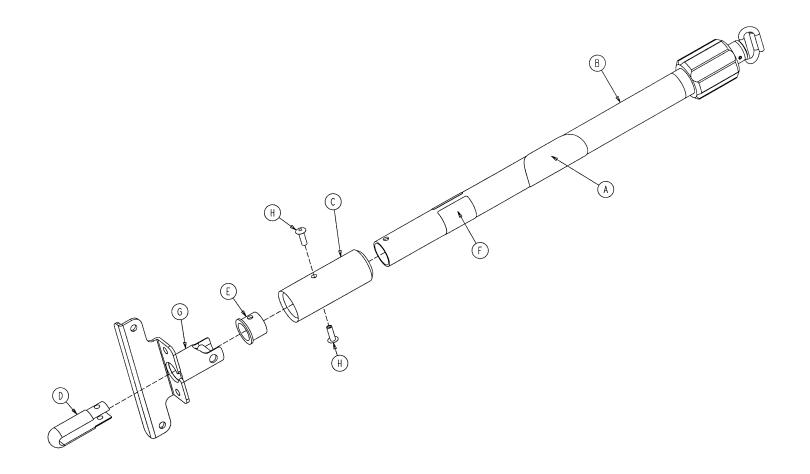


6080-211-10

6080-216-10

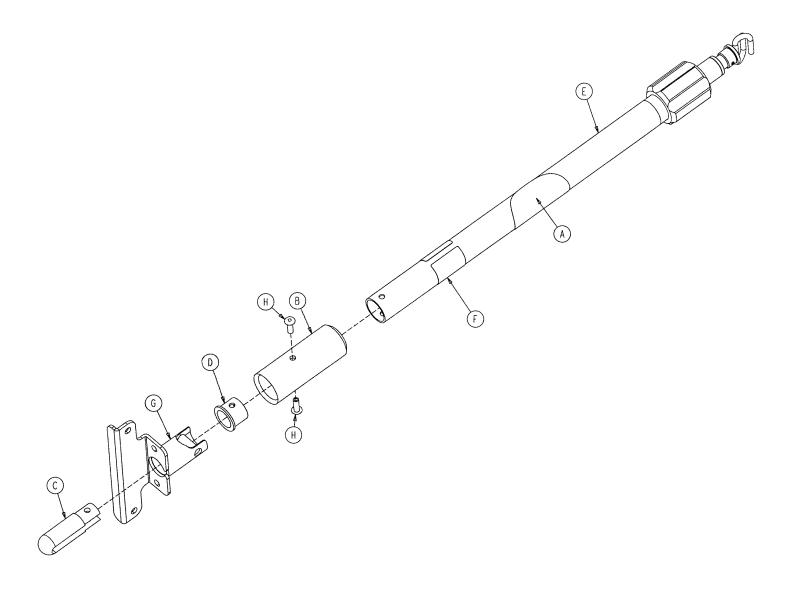
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
Α	6070-110-32	I.V. Retainer Plate	1	Α	6070-110-32	I.V. Retainer Plate	1
В	6080-110-35	I.V. Clip	1	В	6080-110-35	I.V. Clip	1
С	(page 70)	2-Stage I.V. Pole, Left	1	С	(page 71)	3-Stage I.V. Pole, Left	1
D	16–78	Centerlock Hex Nut	4	D	16–78	Centerlock Hex Nut	4
Ε	4–97	H. Soc. But. Hd. Cap Scr.	2	Е	4–97	H. Soc. But. Hd. Cap Scr.	2
F	4-163	H. Soc. But. Hd. Cap Scr.	2	F	4-163	H. Soc. But. Hd. Cap Scr.	2
G	4–197	H. Soc. But. Hd. Cap Scr.	2	G	4–197	H. Soc. But. Hd. Cap Scr.	2

6080-211-20 2-Stage I.V. Assembly, Patient Left



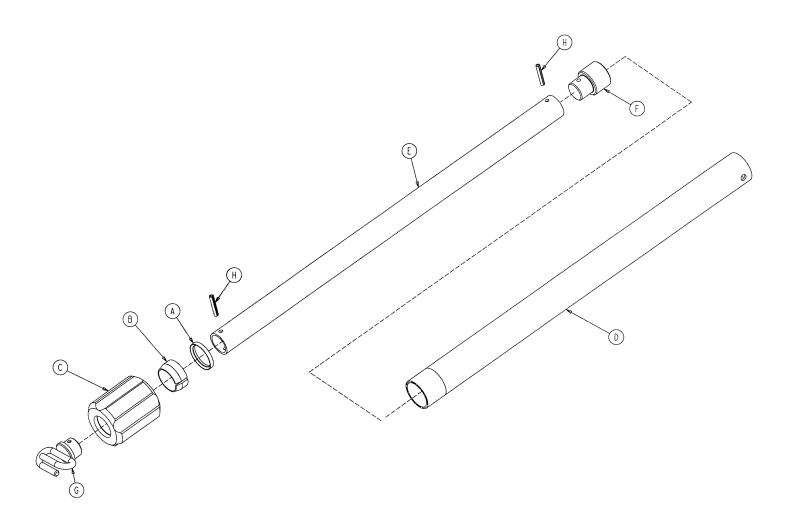
Item	Part No.	Part Name	Qty.
Α	6070-90-105	Caution Label	1
В	(page 72)	2-Stage I.V. Pole Assembly	1
С	6070-210-45	I.V. Pole Sleeve	1
D	6070-210-46	I.V. Pivot	1
Е	6070-210-49	I.V. Pivot Ring	1
F	6080-90-32	Specification Label	1
G	6080-211-52	I.V. Socket Weldment, Left	1
Н	25–133	Blind Rivet	2

6080-216-20 3-Stage I.V. Assembly, Patient Left



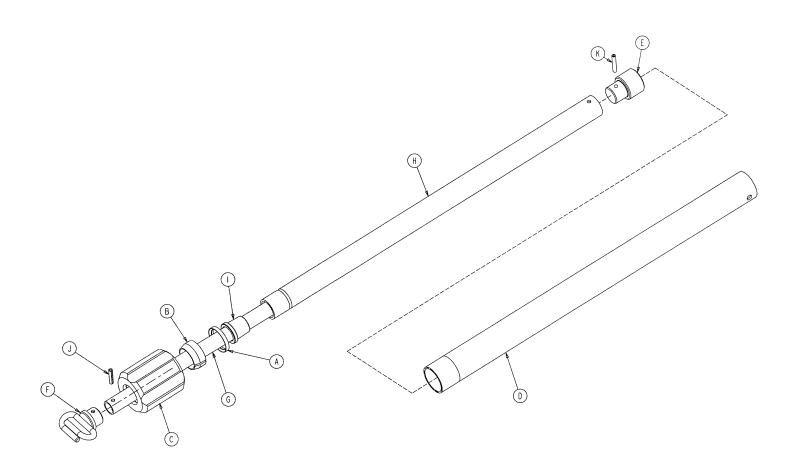
Item	Part No.	Part Name	Qty.
Α	6070-90-105	Caution Label	1
В	6070-210-45	I.V. Pole Sleeve	1
С	6070-210-46	I.V. Pivot	1
D	6070-210-49	I.V. Pivot Ring	1
E	(page 73)	3-Stage I.V. Pole Assembly	1
F	6080-90-34	Specification Label	1
G	6080-211-52	I.V. Socket Weldment, Left	1
Н	25–133	Blind Rivet	2

6070-210-40 2-Stage I.V. Pole Assembly



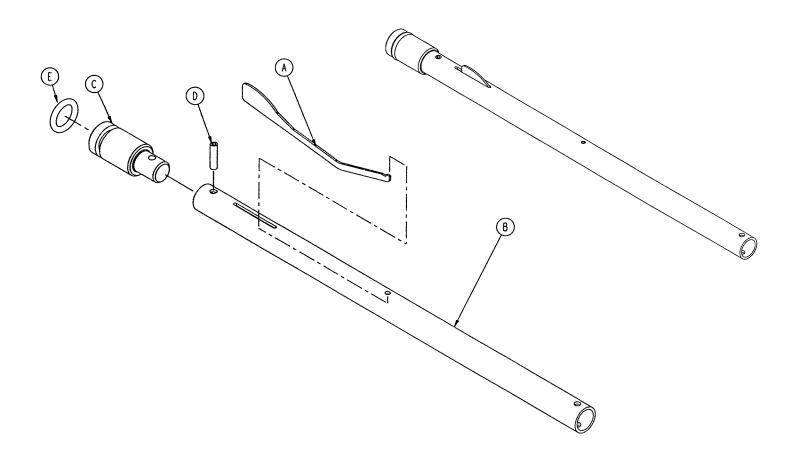
Item	Part No.	Part Name	Qty.
Α	1210-110-46	Back-Up Ring	1
В	1210-110-47	Lock Ring	1
С	1210-110-49	Molded Actuator	1
D	6070-210-41	Base Tube	1
E	6070-110-42	2nd Stage Tube	1
F	6070-110-44	2nd Stage Slide Plug	1
G	6070-110-50	Hook Weldment	1
Н	26–6	Roll Pin	2

6070-215-40 3-Stage I.V. Pole Assembly



Item	Part No.	Part Name	Qty.
Α	1210–110–46	Back–Up Ring	1
В	1210-110-47	Lock Ring	1
С	1210-110-49	Molded Actuator	1
D	6070-210-41	Base Tube	1
Е	6070-110-44	2nd Stage Slide Plug	1
F	6070-110-50	Hook Weldment	1
G	(page 74)	3rd Stage Assembly	1
Н	6070-115-42	2nd Stage Tube	1
I	6070-115-45	Bearing Plug	1
J	26–5	Spring Pin	1
K	26–6	Spring Pin	1

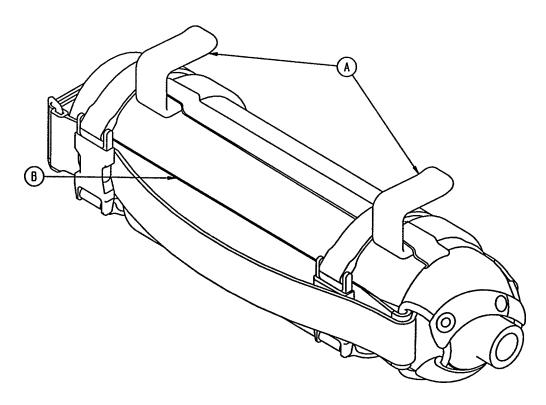
6070-115-30 3rd Stage Ass'y - Optional 3-Stage I.V. Pole



Item	Part No.	Part Name	Qty.
Α	6070–115–141	Spring Clip	1
В	6070-115-143	3rd Stage Tube	1
С	6070-115-44	3rd Stage Slide Plug	1
D	26–4	Roll Pin	1
Е	45–139	O–Ring	1

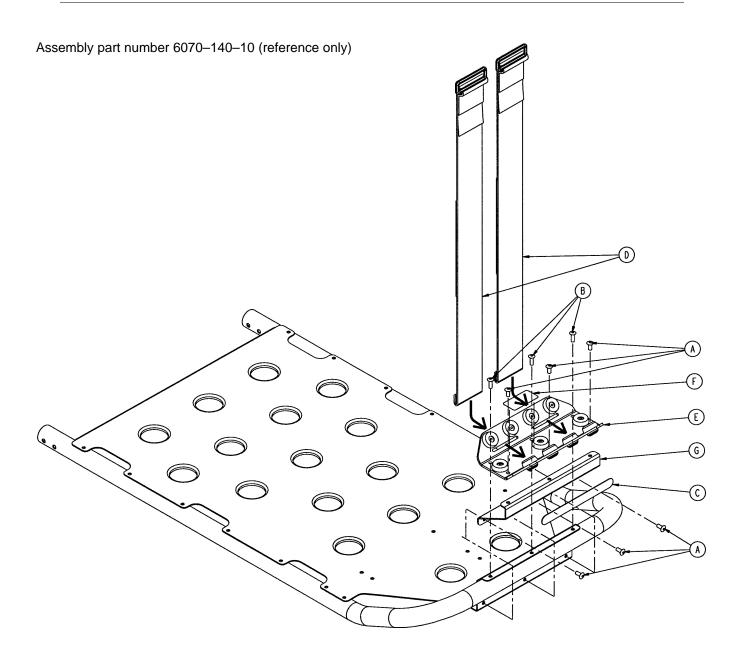
6080-140 Optional Hanging Oxygen Bottle Holder Ass'y

Assembly part number 6080–140–10 (reference only)



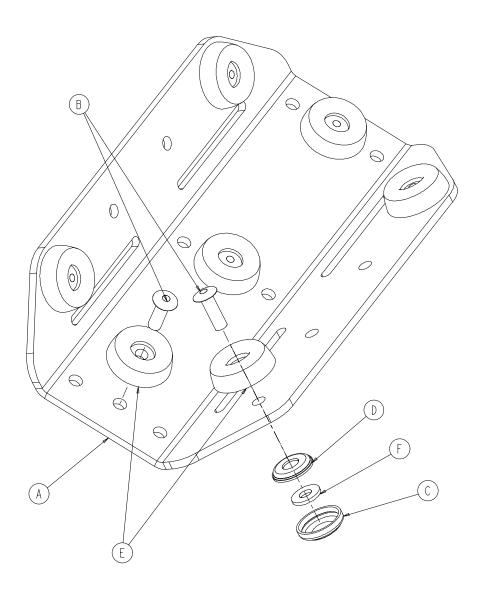
Item	Part No.	Part Name	Qty.
Α	6080-140-11	Bottle Holder Hanger	2
В	6080-140-12	Oxygen Bottler Holder	1

6070–140 Optional Oxygen Bottle Holder Assembly



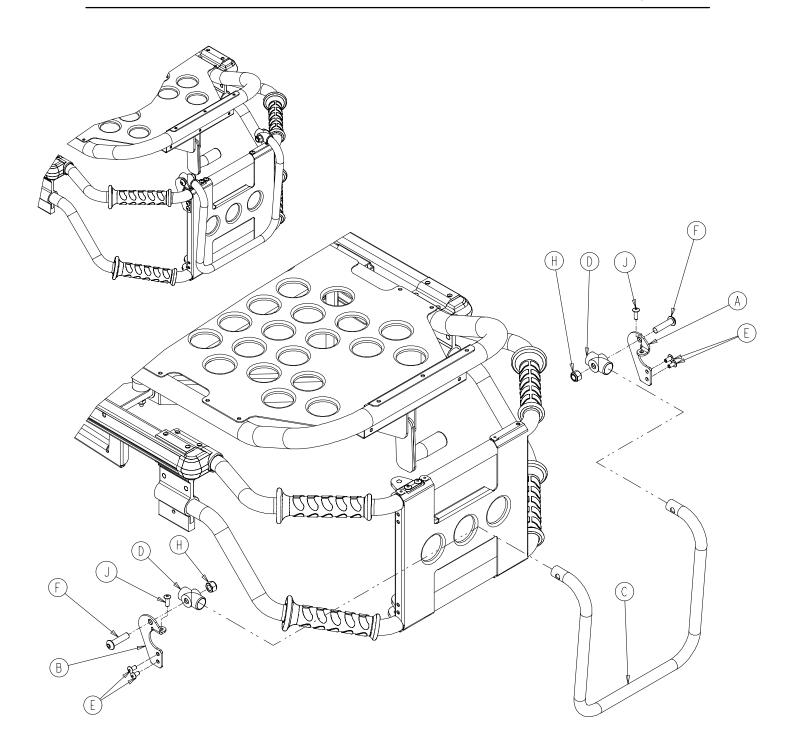
Item	Part No.	Part Name	Qty.
Α	25–79	Rivet	6
В	25-133	Rivet	3
С	6060-90-4	"Rugged" Label	1
D	6060-140-13	Strap Assembly	2
E	(page 77)	Bottle Holder Tray Ass'y	1
F	6070-90-14	Specification Label	1
G	6070-140-17	Support Bracket	1

6060-140-20 Optional Oxygen Bottle Hldr. Tray Ass'y



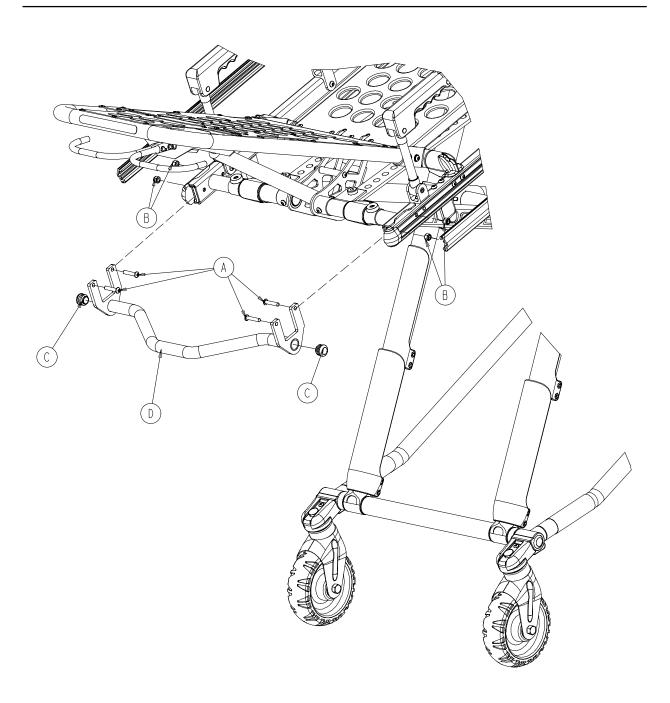
Item	Part No.	Part Name	Qty.
Α	11–436	Flat Washer	4
В	25-133	Rivet	7
С	37–55	Cap	4
D	37–56	Washer	4
E	946–1–155	Bumper	7
F	6060-140-15	Bottle Holder Tray	1

6080–155–20 Optional Pull Handle Assembly



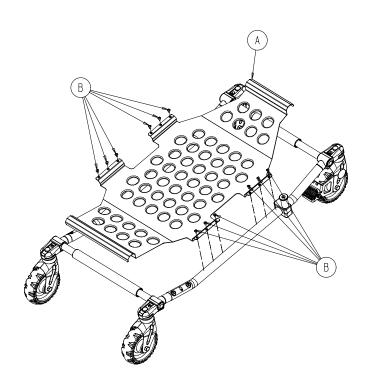
Item	Part No	Part Name	Qty.
Α	6080-255-1	Pull Handle Bracket, Left	1
В	6080–255–2	Pull Handle Bracket, Right	1
С	6080-255-3	Pull Handle	1
D	721–26–69	Upright Sleeve	2
E	25–79	Dome Hd. Rivet	4
F	4–130	Hex Soc. But. Hd. Cap Screw	2
Н	16–36	Nylock Hex Nut	2
J	23–133	Rivet	2

6080–157 Optional Base Lift Bar Assembly



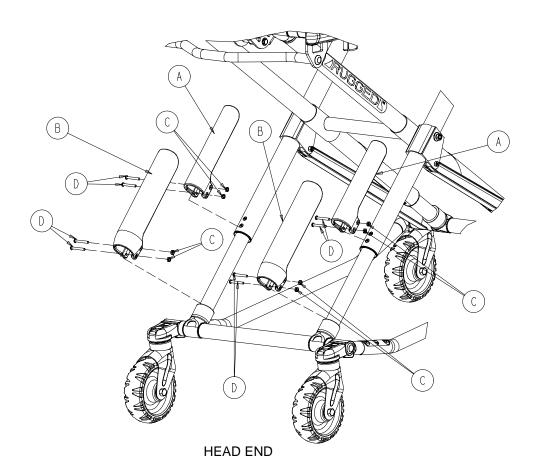
ltem	Part No.	Part Name	Qty.
Α	4–135	Hex Soc. But. Hd. Cap Screw	4
В	16–28	Nylock Hex Nut	4
С	37–238	Tube Plug	2
D	6080-157-13	Breakaway Lift Bar Weldment	1

6080-150-15 Optional Base Storage Tray Assembly



Item	Part No.	Part Name	Qty.
Α	6080-150-20	Storage Tray	1
В	25–79	Rivet	12

6080–145 Optional X–Frame Guard Assembly



Item	Part No.	Part Name	Qty.
Α	6080-145-1	Upper Frame Guard	2
В	6080-145-2	Lower Frame Guard	2
С	16–111	Hex Nut	8
D	4–508	Button Hd. Cap Screw	8

Quick Reference Part Numbers

<u>ITEM</u>	PART NUMBER
Breakaway Head Torsion Spring Kit	6080-700-1
Bumper, Fowler	946-1-155
Bumper, Litter Foot Section	6080-30-43
Bumper, Litter Break-Away Head Section	6080-36-44
Extension Spring, Height Adjustment	38-348
Gas Cylinder, Fowler	1010-31-77
Handle, Pull	6080-155
Height Limit Kit	6060-202
I.V. Pole Kit, 2–Stage, Right	6080-210
I.V. Pole Kit, 2–Stage, Left	6080-211
I.V. Pole Kit, 3–Stage, Right	6080-215
I.V. Pole Kit, 3–Stage, Left	6080-216
I.V. Pole Upgrade Kit, Patient Left	6080-700-13
I.V. Pole Upgrade Kit, Patient Right	6080-700-14
Label, Base, "Lift Here"	6080-90-8
Label, I.V. Pole Caution	6070-90-5
Label, Damage Warning	6080-90-9
Lubricant, Tri–Flow™ with Teflon®	6082-199-12
Manual, Maintenance/Operations, Cot	6082-90-11
Manual, Installation/Operation, Cot Fastener	6370-90-10
Mattress, Bolster, Standard	6090-41-10
Mattress, Flat, Optional	6090-42-10
Oxygen Bottle Holder, Permanently Attached	
Oxygen Bottle Holder, Hanging	6080-140
Restraint Belt Extension	6082-160-50
Restraint, Lap Belt (2 Used per Unit)	6060–160–44
Restraint Package, Domestic	
Restraint Package, Extended	6082-260-11
Restraint, Shoulder Harness	
Safety Hook, Long	
Safety Hook, Short	
Siderail Assembly (Complete)	
Storage Net, Base	
Storage Pouch, Head End	
Storage Tray, Base	
Touch-Up Paint (Yellow)	
Touch-Up Paint (Black)	
Velcro Adhesive Loop Pile, Litter	
Video, In-Service	
Wheel Assembly, Base	
Wheel Bearing	
Wheel Lock	
Wheel Mount Cover	
Wheel Mount Cover Rivet	25–133



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