



750N / 750W

ED/Trauma Stretcher

Service and Parts Manual



**FOR USE BY
PEDIGO AUTHORIZED
TECHNICIANS ONLY**

Part No. 504-0051-00 (11/07)

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(*) Indicates that there has been a serial number break for the illustration and that there are additional point page(s) following the original page.

IMPORTANT INSTRUCTIONS

General Safety Instructions

Safety First: The primary concern of Pedigo

is this stretcher is maintained with the safety of the patient and staff in mind. To assure that services and repairs are completed safely and correctly, proceed as follows:

- (1) Read this entire manual before performing any services or repairs on this stretcher.
- (2) Be sure you understand the instructions contained in this manual before attempting to service or repair this stretcher.

Safety Alert Symbols

Throughout this manual are safety alert symbols that call attention to particular procedures. These items are used as follows:



DANGER

Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations.



WARNING

Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.



CAUTION

Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.



EQUIPMENT ALERT

Indicates an imminently or potentially hazardous situation, which, if not avoided, will or may result in serious, moderate, or minor equipment damage.

NOTE

Note is used to amplify an operating procedure, practice, or condition.

Warranty Instructions:

Refer to the Pedigo

“Limited Warranty” printed on the back cover of the Installation and Operation Manual for warranty information. Failure to follow the guidelines listed below will void the warranty and / or render the 750N or 750W stretcher unsafe for operation.

- In the event of a malfunction, do not attempt to operate the stretcher until necessary repairs have been made.
- Do not attempt to disassemble stretcher, replace malfunctioning or damaged components, or perform adjustments unless you are one of Pedigo’s authorized service technicians.
- Do not substitute parts of another manufacturer when replacing inoperative or damaged components. Use only Pedigo replacement parts.

SECTION I
GENERAL INFORMATION

1.1 Scope of Manual

This manual contains detailed troubleshooting, scheduled maintenance, maintenance, and service instructions for the 750N and 750W stretchers. This manual is intended to be used by Pedigo's authorized service technicians.

1.2 How to Use Manual

A. Manual Use When Performing Scheduled Maintenance.

- (1) Perform inspections and services listed in Scheduled Maintenance Chart (Refer to para 3.1).
- (2) If a component is discovered to be faulty or out of adjustment, replace or adjust component in accordance with maintenance/service instructions (Refer to para 4.1).

B. Manual Use When Stretcher Is Malfunctioning And Cause Is Unknown.

- (1) Perform an operational test on stretcher (Refer to para 2.1).
- (2) Perform troubleshooting procedures listed in Troubleshooting Guide (Refer to para 2.2).
- (3) If a component is discovered to be faulty or out of adjustment, replace or adjust component in accordance with maintenance/service instructions (Refer to para 4.1).

C. Manual Use When Damaged Component Is Known.

- (1) Replace or adjust component in accordance with maintenance/service instructions (Refer to para 4.1).

1.3 Description of 750N and 750W Stretchers.

A. General Description (See Figure 1-1).

The 750N stretcher has a hydraulically adjustable chassis with a narrow litter top. The 750W stretcher has a hydraulically adjustable chassis with a wide litter top. The 750N and 750W stretchers use a side release style siderail.

The major non-hydraulic serviceable components of the 750N and 750W stretchers consist of a side rail latch mechanism, caster brakes, casters, Fowler cylinder (gas spring), and Trendelenburg cylinder (gas spring). The major hydraulic serviceable component of the 750N and 750W stretchers consists of a foot pedal.

SECTION I
GENERAL INFORMATION

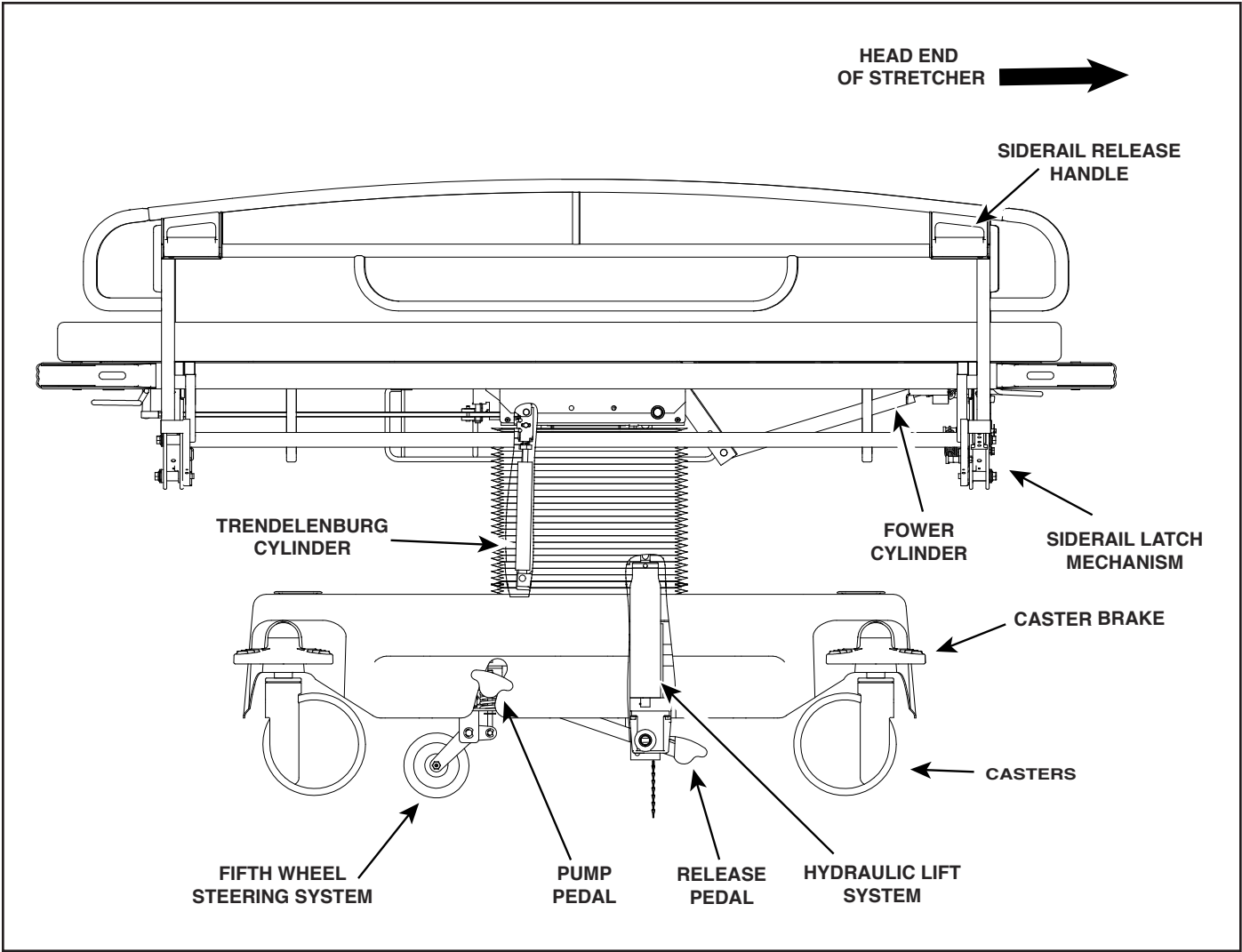


Figure 1-1. Major Components

SECTION I

GENERAL INFORMATION

1.4 SPECIFICATIONS

Factual data for the stretchers is provided in Table 1-1.

Table 1-1. Specifications

Description	Data
Maximum Patient Load:	
Models 750N and 750W	750 lbs (340 kgs)
Casters	8 in. Diameter (20.3 cm)
	Central locking of the brakes and steering may be accomplished from all four corners of the stretcher.
Fowler 0° to 90°, pneumatic assisted	
Trendelenburg	12°, pneumatic assisted
Reverse Trendelenburg	-7°, pneumatic assisted
Dimensions (Model 750N):	
Length	83 in (210.8 cm)
Width	29.5 in (74.9 cm)
Height (Adjustable)	23 in to 32.75 in (58.42 cm to 83.19 cm)
Mattress	77 in x 27.0 in (195.6 cm x 68.5 cm)
Dimensions (Model 750W):	
Length	83 in (210.8 cm)
Width	33.5 in (85.0 cm)
Height (Adjustable)	23 in to 32.75 in (58.42 cm to 83.19 cm)
Mattress	77 in x 31.0 in (195.6 cm x 78.7 cm)
Shipping Carton (all models):	
	88 in x 36 in x 40 in (223.5 cm x 91.44 cm x 101.6 cm)
Weight (750N Model):	
Normal (depends on options)	305 lb (138.34 kg)
With Shipping Carton	455 lb (206.38 kg)
Weight (750W Model):	
Normal (depends on options)	315 lb (142.88 kg)
With Shipping Carton	465 lb (210.92 kg)

1.5 Parts Replacement Ordering

If a part replacement is required, order the part directly from the factory as follows:

- (1) Refer to Figure 1-2 to determine the location of the model number and serial number of the stretcher and record this data.

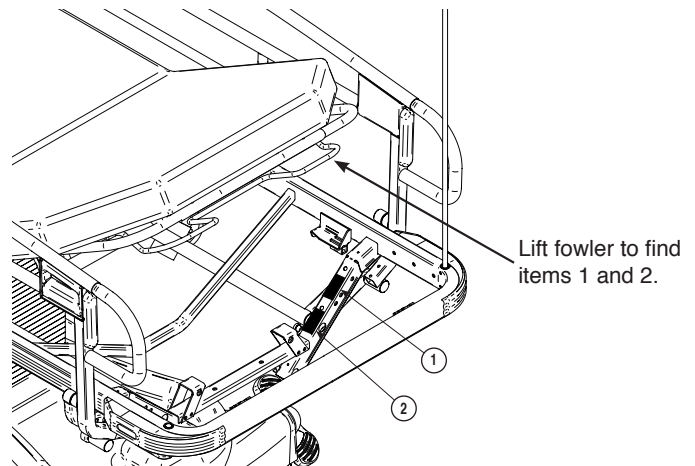


Figure 1-2. Model Number/Serial Number Location

- 2) Refer to the Parts List to determine the item numbers of the parts, part numbers of the parts, descriptions of the parts, and quantities of parts needed and record this data (Refer to para 6.1).

NOTE

Ask the Purchasing Department of the company that owns the unit for this information. Otherwise, this information may be obtained from the dealer that sold the unit.

- (3) Determine the installation date of the unit and record this data.
- (4) Call Pedigo with the recorded information and ask for the Stretcher Service Department.

1.6 Special Tools

Table 1-2 lists all the special tools needed to repair and/or service the stretcher, describes how to obtain the special tools, and describes the purpose of each special tool.

SECTION I

GENERAL INFORMATION

Table 1-2. Special Tools List

Description of Special Tool	Manufacture's Name / Address / Phone	Manufacturer's Part Number	Purpose of Special Tool
18 in. (46 cm) long wire (thin and flexible)	Commercially Available	Any Type	Used to pull cable assembly for siderail latch thru siderail.
7/16" Allen Wrench	Commercially Available	Any Type	Used to put the caster assembly in brake mode before it is installed on the stretcher and to assist in aligning the caster assembly on the stretcher.
4 mm. Allen Wrench	Commercially Available	Any Type	To install pump pedals.
6 mm. Wrench	Commercailly Available	Any type	To install pump pedals.

SECTION II TESTING AND TROUBLESHOOTING

2.1 Operational Test

In order to effectively diagnose the malfunction of the unit, it may be necessary to perform an operational test as follows:



EQUIPMENT ALERT

Refer to the Operator Manual for complete instructions on operating the unit. Failure to do so could result in damage to the unit.

- (1) Squeeze the Fowler handle and move the Fowler section up and down; then release the Fowler handle when the Fowler section is in the halfway up position and exert pressure on the Fowler section (Refer to Figure 2-1).
- (2) Observe. The Fowler section should move up and down easily when the Fowler handle is squeezed. The movement of the Fowler section should not feel spongy. The Fowler section should not drift downward by itself when pressure is exerted on the Fowler section.
- (3) Squeeze the Trendelenburg handle and move the litter top up and down; then release the Trendelenburg handle when the litter top is in the halfway up Trendelenburg position and exert pressure on the litter top.

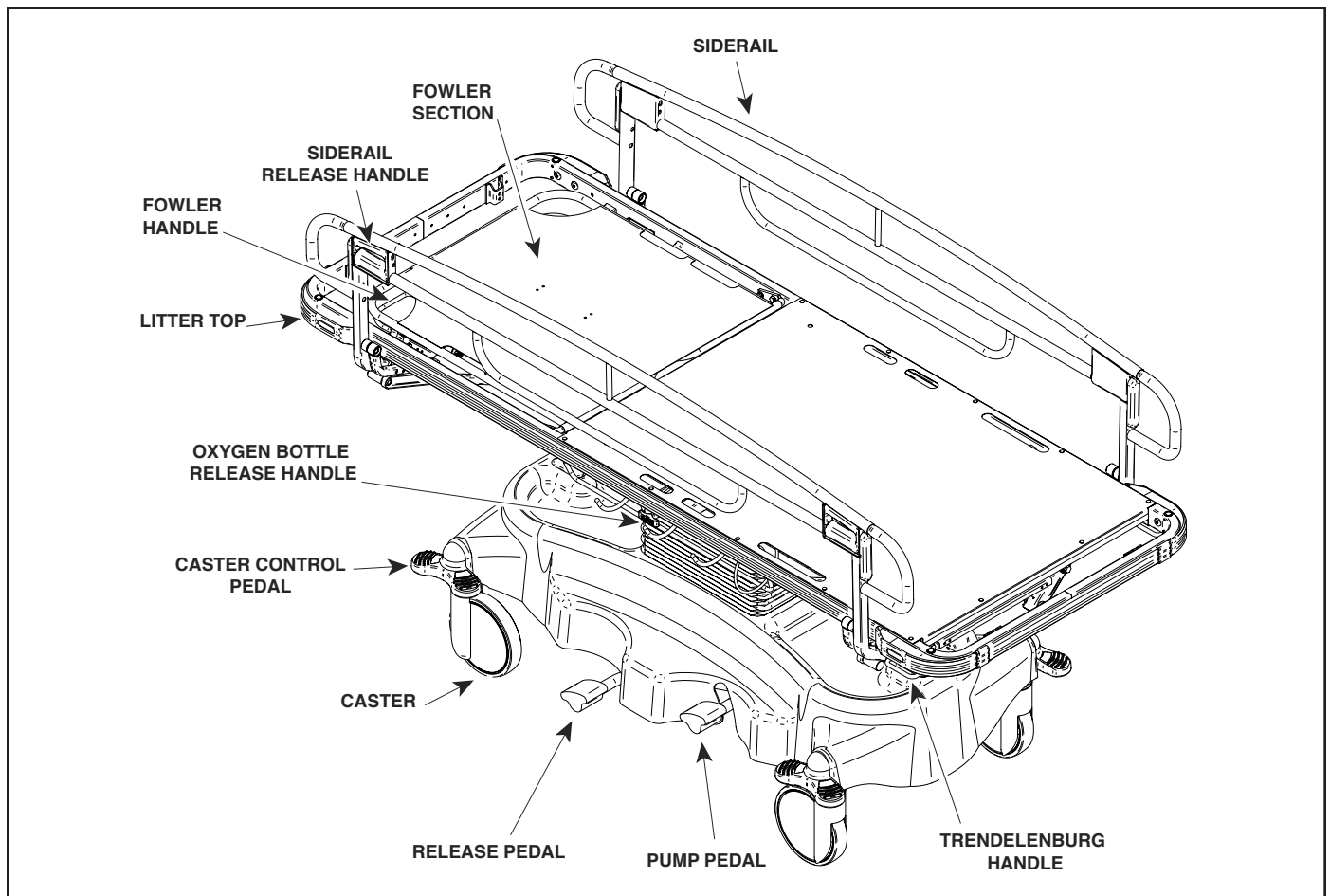


Figure 2-1. Operational Test

SECTION II

TESTING AND TROUBLESHOOTING

- (4) Observe. The litter top should move up and down easily when the Trendelenburg handle is squeezed. The movement of the litter top should not feel spongy. The litter top should not drift down by itself when pressure is exerted on the litter top.
- (5) Raise foot end of litter top above the level position. Then squeeze the Trendelenburg handle and lower the foot end of the litter top as far as it will go.
- (6) Observe. The litter top should be stopped in the level position by the level lock assembly.
- (7) Push down (do not squeeze) on Trendelenburg handle and attempt to lower the foot end of litter top.
- (8) Observe. The level lock assembly should release and allow the foot end of the litter top to lower all the way.

NOTE

On 750N and 750W stretchers, the siderail release handle is located at both ends of the siderail. See Figure 2-1.

- (9) Actuate the siderail release handles. Lower and raise the siderails.
- (10) Observe. The siderails should release and latch properly. The siderails should be able to be moved up and down without using excessive force.
- (11) Depress the caster control pedal down into the "brake" position. Attempt to move stretcher. Return the caster control pedal to the "neutral" position. Attempt to move stretcher. Repeat this step for caster control pedals on the other three corners of stretcher.
- (12) Observe. The stretcher casters should not roll and the caster forks should not rotate when the caster control pedal is in the "brake" position. It should not take excessive force to depress the caster control pedal into the "brake" position. All four casters should roll and the caster forks should rotate freely when the caster control pedal is in the "neutral" position. If the stretcher has a fifth wheel system, its caster should rotate freely in the neutral position.

- (13) Depress the caster control pedal down into the "steer" position. Push the stretcher around for a short distance.

NOTE

The steer caster, on a stretcher without a fifth wheel is usually located on the corner of the stretcher which is under the patient's right foot.

- (14) Observe. On a stretcher without a fifth wheel, three casters should rotate normally, but the steer caster should remain straight - parallel to chassis (the caster fork should not rotate, thereby providing a pivot point from which to turn the stretcher). It should not take excessive force to depress the caster control pedal into the "steer" position. On a stretcher with a fifth wheel, the fifth wheel should not rotate providing a pivot point from which to turn the stretcher.
- (15) Depress the pump pedal until the litter top reaches its maximum height. Sit on the litter top for a minute. Get off of the litter top and depress the release pedal as low as it will go.
- (16) Observe. The movement of the pump pedal should not feel spongy or take excessive pumping to raise the litter top. The litter top should stay raised and not drift downward by itself. The litter top should descend slowly and evenly (not in jerky movements) when the release pedal is depressed.

2.2 Troubleshooting Procedures

Table 2-1 is a Troubleshooting Guide which is used to determine the cause of the malfunction.

SECTION II

TESTING AND TROUBLESHOOTING

Table 2-1. Troubleshooting Guide

Problem	Symptom	Probable Cause	Check	Correction
Fowler function not working correctly.	Fowler section (backrest) will not go up or down when the Fowler handle is squeezed.	Fowler gas spring out of adjustment (not turned in far enough).	Adjustment of Fowler gas spring.	Adjust Fowler gas spring. Refer to para 4.5.
	Fowler drifts up or down without the Fowler handles being squeezed.	Gas spring out of adjustment (turned in too far).	Adjustment of gas spring.	Adjust Fowler gas spring. Refer to para 4.5.
	Fowler feels spongy or won't go all of the way down.	Internal leak in the Fowler gas spring.	—	Replace Fowler gas spring. Refer to para 4.4.
Trendelenburg function not working correctly.	Foot end of litter top drifts without squeezing the Trendelenburg handles.	Trendelenburg gas spring out of adjustment (turned in too far).	Adjustment of gas spring.	Adjust Trendelenburg gas spring. Refer to para 4.7.
	Foot end of litter top will not move when Trendelenburg handles are squeezed.	Trendelenburg gas spring out of adjustment (not turned in far enough).	Adjustment of gas spring.	spring. Adjust Trendelenburg gas spring. Refer to para 4.7.
	Trendelenburg function feels spongy or won't go all of the way down.	Internal leak in the Trendelenburg gas spring.	—	Replace Trendelenburg gas spring. Refer to para 4.6.
	Litter top will not lock in level position properly when Trendelenburg function is being used.	Trendelenburg function is not being used properly (to use Trendelenburg level lock function, foot end of stretcher must be raised above the level position. Then, when Trendelenburg handle is squeezed and foot end of litter top is lowered, litter top should be stopped in level position by the Trendelenburg level lock assembly).	Check if operator has been operating function correctly or not.	Instruct operator on correct use of function.
		Trendelenburg level lock assembly needs adjusted.	Adjustment of Trendelenburg level lock assembly.	Adjust Trendelenburg level lock assembly. Refer to para 4.15.
	Trendelenburg level lock assembly does not release properly (when Trendelenburg handle is pushed downward, the level lock assembly should release from the strike plate, allowing foot end of litter top to be lowered past level lock assembly).	Trendelenburg level lock assembly needs adjusted.	Adjustment of Trendelenburg level lock assembly.	Adjust Trendelenburg level lock assembly. Refer to para 4.15.

SECTION II

TESTING AND TROUBLESHOOTING

Table 2-1. Troubleshooting Guide - Continued

Problem	Symptom	Probable Cause	Check	Correction
Siderail difficult to latch or release	Siderail won't release when the siderail release handle is pulled out.	Siderail latch assembly out of adjustment.	Adjustment of siderail latch assembly.	Adjust siderail latch assembly. Refer to para 4.13.
	Siderail release latch won't engage when you raise the siderail.	Siderail latch assembly out of adjustment.	Adjustment of siderail latch assembly.	Adjust siderail latch assembly. Refer to para 4.13.
		Weak spring or release latch components are binding.	Check spring. Check for lack of lubrication.	Lubricate release latch components. If necessary, replace spring.
	Siderail feels heavy to raise.	Lack of lubrication at pivot points.	—	Lubricate all pivot points with silicone based lubricant or white lithium grease.
Brake caster or steer caster does not brake correctly when caster control pedal is moved to "brake" position.	When the caster control pedal is in the "brake" position, the stretcher will still roll.	Brakes are out of adjustment.	Adjustment of brake.	Adjust caster brakes. Refer to para 4.9.
	With caster control pedal in the brake position, the caster fork still rotates, making a ratcheting noise.	Brake caster or steer caster is worn.	—	If adjusting the caster does not correct the problem, replace the caster. Refer to para 4.8.
Brake pedal is difficult to engage.	Excessive force is required to lock casters in the "brake" position.	Lack of lubrication in the caster stems.	Lubrication in the stem by removing the caster forks.	Apply heavy axle grease inside the cam area with a syringe or similar device.
		Brakes are too tight.	Adjustment of brake.	Adjust caster brakes. Refer to para 4.9.
Stretcher does not steer correctly (stretcher without fifth wheel steering).	Stretcher pulls to one side.	Caster control pedal is not engaged in the "steer" mode.	—	Depress the caster control pedal down into the "steer" position.
	Stretcher pulls back and forth from one side to the other.	Caster control pedal is in the "steer" position, but the steer caster is not in the trail position.	Check which direction steer caster is pointing.	Depress the caster control pedal into the neutral position, push the stretcher a few feet in the desired direction, and then press the caster control pedal into the "steer" position. This will ensure that the steer caster is in the trail position.
	With caster control pedal in the "steer" position, the steer caster fork (usually under patient's right foot) still moves, making a ratcheting noise.	Steer caster is out of adjustment.	—	Adjust the fork controls of the caster.
	With caster control pedal in the "steer" position, the caster under the patient's right foot (the steer caster) does not lock parallel to the side of the stretcher.	Broken stem on caster.	Remove caster fork and inspect stem for broken parts.	Replace caster. Refer to para 4.8.

SECTION II

TESTING AND TROUBLESHOOTING

Table 2-1. Troubleshooting Guide - Continued

Problem	Symptom	Probable Cause	Check	Correction
Stretcher does not steer correctly (stretcher with fifth wheel steering).	Fifth wheel does not engage.	The lock pin is out of adjustment.	Check lock pin for proper engagement.	Adjust lock pin. Refer to para 4.17.
	Stretcher does not track straight.	Lock pin is not properly aligned.	Check lock pin alignment.	Adjust alignment of caster. Refer to para 4.17.
Difficult to pump up litter top and / or litter top drifts downward on its own.	Pump foot pedals feel spongy and excessive strokes are required to raise the litter top.	Air trapped in unit.	Raise litter top fully using full pump strokes. Once the litter top has reached its maximum height, pump an additional five full pump strokes. Lower the Litter Top by holding the Release Pedal constantly until it is fully lowered.	If problem still exists, replace pump assembly. Refer to para 4.3
	Litter top will not pump up or pumps up slowly (excessive pump strokes are required).	Pump check valve malfunctioning - stuck open or cylinder is leaking internally.	—	Replace pump assembly. Refer to para 4.3.
	After litter top is elevated, it drifts down by itself.	Air trapped in unit.	Raise litter top fully using full pump strokes. Once the litter top has reached its maximum height, pump an additional five full pump strokes. Lower the Litter Top by holding the Release Pedal constantly until it is fully lowered.	If problem still exists, replace pump assembly. Refer to para 4.3
		Release valve is leaking internally.	—	Replace pump assembly. Refer to para 4.3
		Pump check valve malfunctioning - stuck open.	—	Replace pump assembly. Refer to para 4.3.
	Litter top descends very quickly when released.	Restrictor valve malfunctioning.	—	Replace pump assembly. Refer to para 4.3.
	Foot pedal will not return all the way up after being depressed.	Piston return spring weak or damaged.	—	Replace pump assembly. Refer to para 4.3.
	Litter top will not descend or descends too slowly.	Release valve is malfunctioning.	—	Replace pump assembly. Refer to para. 4.3.
O2 holder won't stay in stored position.	O2 holder drops down by itself.	Latch not adjusted properly.	—	Adjust latch. Refer to para. 4.16.
	Cannot push O2 holder into stored position.	Latch not adjusted properly.	—	Adjust latch. Refer to para. 4.16.

SECTION III SCHEDULED MAINTENANCE

SECTION III SCHEDULED MAINTENANCE

3.1 Scheduled Maintenance

Table 3-1 is a Scheduled Maintenance Chart which lists the inspections and services that should be performed periodically on the stretcher. These inspections and services should be performed as often as indicated in the chart.

Table 3-1. Scheduled Maintenance Chart

Interval	Inspection or Service	What to Do
Daily	Upholstery	Condition of upholstery should be maintained with a clean, damp cloth or sponge. A mild soap and water solution should be used for hard-to-clean areas and stained areas. If disinfectant cleaners are used, do not exceed the manufacturers' recommended dilution rate or life expectancy of upholstery may be shortened.
	Obvious damage	Visually check condition of stretcher for obvious damage such as: Cracks in components, missing components, dents in components, torn upholstery, leaking fluids, or any other visible damage which would cause the stretcher to be unsafe for usage. Repair stretcher before using.
	Painted and plastic surfaces	All painted metal surfaces should be maintained by wiping clean with a soft, damp cloth.
	Unpainted or chrome surfaces	All unpainted metal surfaces should be maintained by wiping clean with a soft, damp cloth. Check all metal surfaces for dents or damage that could result in sharp edges. Replace damaged metal.
	Elevation column assembly bellows cover	Check bellows cover for rips, tears, or other obvious damage. Repair or replace bellows cover if damaged. Ensure that velcro restraints or closures are intact.
	Restraint straps	Check restraint straps for fraying, rips, and proper operation. Replace restraint straps as necessary.
	Fasteners/Hardware	Check stretcher for missing or loose fasteners / hardware. Replace any missing hardware and tighten any loose hardware as necessary using removeable threadlocking adhesive if applicable.
Semi-Annually	Moving parts	All moving parts should be lubricated with white lithium grease or petroleum jelly, except linkages. All linkages should be lubricated with Teflon or Silicone based lubricant.
	Warning and instructional decals	Check for missing or illegible decals. Replace decals as necessary.
	Siderail operation	Check for proper siderail operation, making sure that siderails release easily and latch easily and securely. Adjust siderails if necessary. Adjust or repair latching mechanism if necessary. Refer to para 4.12 or 4.13 for 750N and 750W stretchers.
	Siderail pivot points	Lubricate siderail pivot points with Teflon or Silicone based lubricant. Check that pivot points move freely during operation of siderails. Repair pivot points if necessary. If bolts / nuts are loose, remove bolts / nuts, apply removeable threadlock and re-install bolts / nuts.
	Siderail latch mechanism	Siderail latch mechanism Lubricate latch mechanism with white lithium grease or teflon grease. Check that latch mechanism releases easily and latches easily and securely. Adjust or repair latch mechanism if necessary. Refer to para 4.12 or 4.13 for 750N and 750W stretchers
	Caster stem screws	Check caster stem screws for tightness. Remove any loose screws, apply removeable threadlock, and re-install screws and lockwashers. Tighten screws to 25 to 30 ft-lbs (33.9 to 40.6 Newton-meters).

SECTION III

SCHEDULED MAINTENANCE

Table 3-1. Scheduled Maintenance Chart

Interval	Inspection or Service	What to Do
Semi-Annually (Continued)	Caster control pedal	<p>Check caster control pedal for proper operation. Make sure all four pedals work in the brake, neutral, and steer positions. If not, adjust or replace casters. Refer to para 4.8 or 4.9.</p> <p>Brake engaged (Red side of pedal down): Check that all four wheels of stretcher will not move when brake is engaged.</p> <p>Neutral engaged (Pedal in horizontal position): Check that all four wheels operate in free wheel when neutral is engaged.</p> <p>Steer engaged (Green side of pedal down): On stretchers without fifth wheel steering, check that steer caster locks in forward and reverse positions when steer is engaged.</p> <p>Adjust or repair any of the four pedals as necessary. On stretchers with fifth wheel steering, check that fifth wheel contacts floor surface positively, providing a good steer pivot point.</p>
	Caster tire nuts/bolts	Check caster tire nuts / bolts for tightness. (If loose, replace bolts / nuts with new bolts / nuts using removeable threadlocking adhesive on bolt threads.)
	Pump assembly foot pedal(s)	Check pump assembly foot pedal(s) for firmness. Check that release pedal lowers the stretcher.
	Hydraulic pump	Check hydraulic pump for leaks. Check hydraulic system for proper operation. If stretcher does not operate correctly, have full travel, or release correctly, purge air from hydraulic system or replace hydraulic pump assembly (refer to para 4.3).
	Fowler gas spring and linkage	Lubricate linkage of Fowler gas spring with Teflon or Silicone based lubricant. Check Fowler gas spring and linkage for proper operation, alignment, and engagement. Make sure Fowler gas spring releases and holds. Adjust linkage if necessary. Refer to para 4.5. Replace Fowler gas spring if it does not operate correctly. Refer to para 4.4.
	Trendelenburg gas spring and linkage	Lubricate linkage of Trendelenburg gas spring with Teflon or Silicone based lubricant. Check Trendelenburg gas spring and linkage for proper operation, alignment, and engagement. Make sure Trendelenburg gas spring releases and holds properly. Adjust linkage if necessary. Refer to para 4.7. Replace Trendelenburg gas springs if it does not operate correctly. Refer to para 4.6.
	Operational Test	Perform an Operational Test to determine if the stretcher is operating within its specifications (Refer to para 2.1). Replace any malfunctioning components.

SECTION IV MAINTENANCE / SERVICE INSTRUCTIONS

4.1 Introduction



WARNING

Refer to the Operator Manual for complete instructions on operating the stretcher. Failure to do so could result in personal injury.

NOTE

Perform an operational test on the stretcher after the repair is completed to confirm the repair was properly made and that all stretcher functions operate properly.

The following paragraphs contain removal, installation, and adjustment procedures for the stretcher.

4.2 Bellows - Raise or Lower For Access

A. Raise Bellows For Access

- (1) Pull the bottom of the bellows (1, Figure 4-1) up from four velcro strips (2).
- (2) If necessary, tie bellows (1) up out of the way with a tie strap.

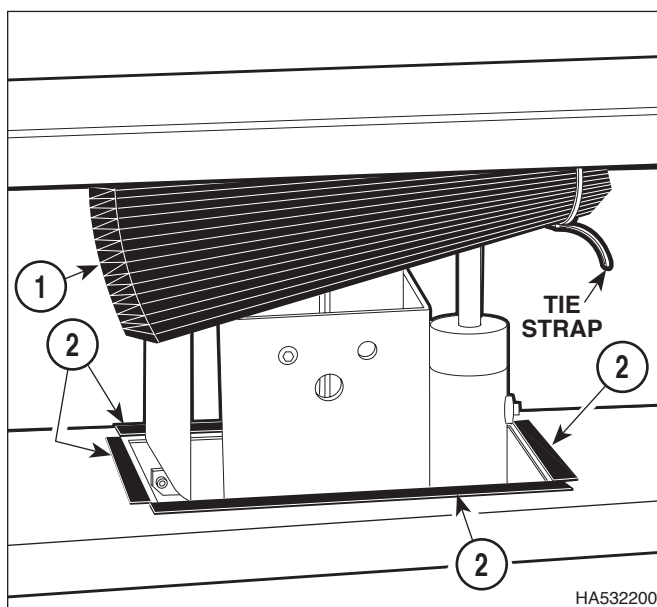


Figure 4-1. Raise Bellows For Access

B. Return Bellows From Raised Position

- (1) If used, cut tie strap.

NOTE

Push all four sides of the bellows base firmly against the four velcro strips to ensure bellows will be held tightly in place.

- (2) Lower bellows (1) onto four velcro strips (2).

C. Lower Bellows For Access

- (1) Remove four screws (1, Figure 4-2) and lower bellows (2) from litter top (3).

D. Return Bellows From Lowered Position

- (1) Position brackets of bellows (2) on litter top (3) and secure with four screws (1).

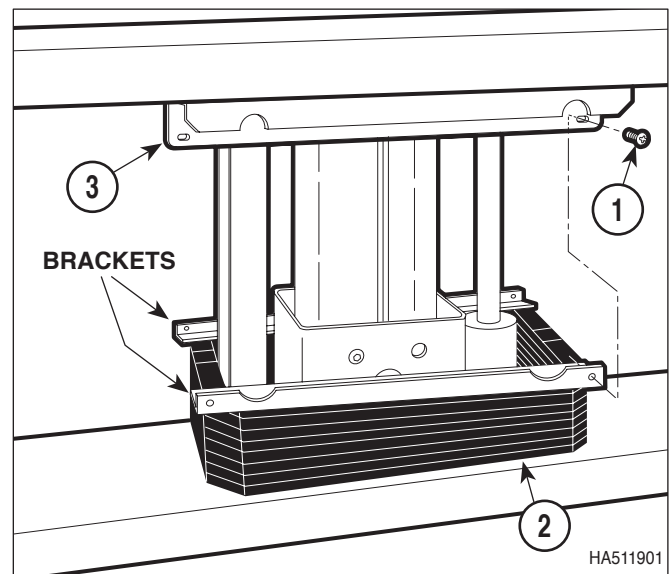


Figure 4-2. Lower Bellows For Access

SECTION IV

MAINTENANCE / SERVICE

4.3 Hydraulic Lift System Removal / Installation

The system may be removed or replaced with the litter cowl in place. It is not necessary to disassemble these items. Litter top and cowl are only removed in figure 4-3 for instructional clarity.

A. Removal

- (1) Lower Bellows for access (per para. 4.2)
- (2) Depress the caster control pedal (Figure 4-3) to the brake position.
- (3) Place a 4X4 wooden block (minimum of 4 inches tall) directly under the inner column. If possible, fully lower the litter top until it rests on the wooden block supporting the weight of the litter top. Remove pump pedals (1), shoulder bolts, nut, and washers (2).
- (4) Insure that the cylinder rod clevis pin is not under load. Remove clevis Pin (3) and E-clip (4).

B. Installation

- (1) Place pump (7 Figure 4-4) into position, install pump mount brackets (6) on pump. Insure brackets are properly seated on the mounting surfaces of the pump. Orient on pump as shown.
- (2) Lift pump into position and install using washers (8) and bolts (5). Torque bolts to 22 ft-lbs evenly.
- (3) Install pump pedals onto pump shafts using shoulder bolt, washers and nut (2). Torque nuts to 92 in-lbs.

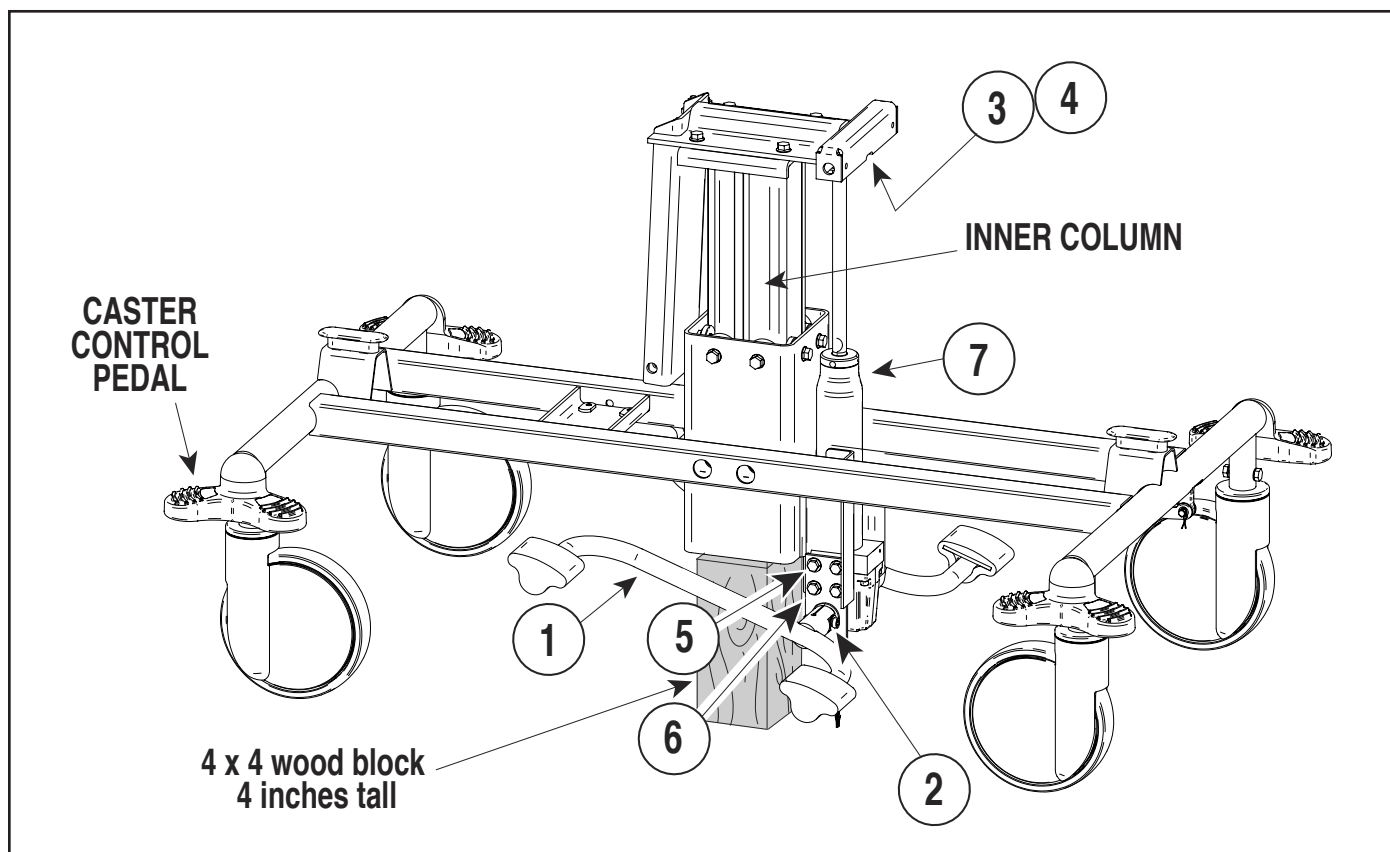


Figure 4-3 Lift Assembly / Disassembly

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- (4) Raise cylinder rod up to meet litter top and install clevis pin (3) and E-clip (4).
- (5) Install bellows (per para. 4.2)
- (6) Raise litter top fully using full pump strokes.
- (7) Once the litter top has reached its maximum height, pump an additional five full pump strokes.
- (8) Lower the Litter Top by holding the Release Pedal constantly until its fully lowered.

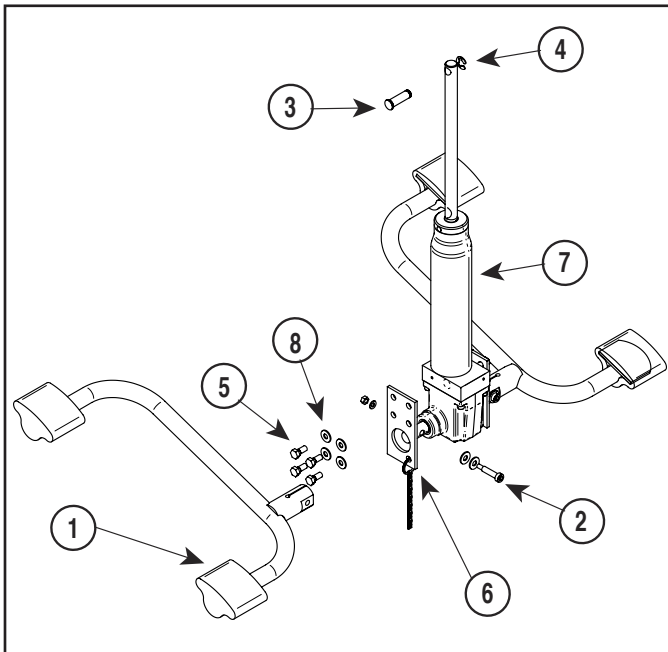


Figure 4-4 Lift Assembly / Disassembly

4.4 Fowler Gas Spring Removal / Installation

A. Removal

- (1) Raise the Fowler (1, Figure 4-5) to the “up” position if possible.

NOTE

If possible, hold the Fowler in the “up” position while removing the Fowler gas spring. Otherwise, the Fowler gas spring will have to be removed with the Fowler in the “down” position, which is more difficult.

- (2) Remove rue ring (2), clevis pin (3), two rubber springs (4), and the bottom of the Fowler gas spring (5) from Fowler bracket (6).
- (3) Loosen jam nut (7).

NOTE

Count the number of turns that it takes to unscrew the Fowler gas spring from the actuator. Use this number as reference when installing a new fowler.

- (4) Unscrew rod of Fowler gas spring (5) from actuator (8).

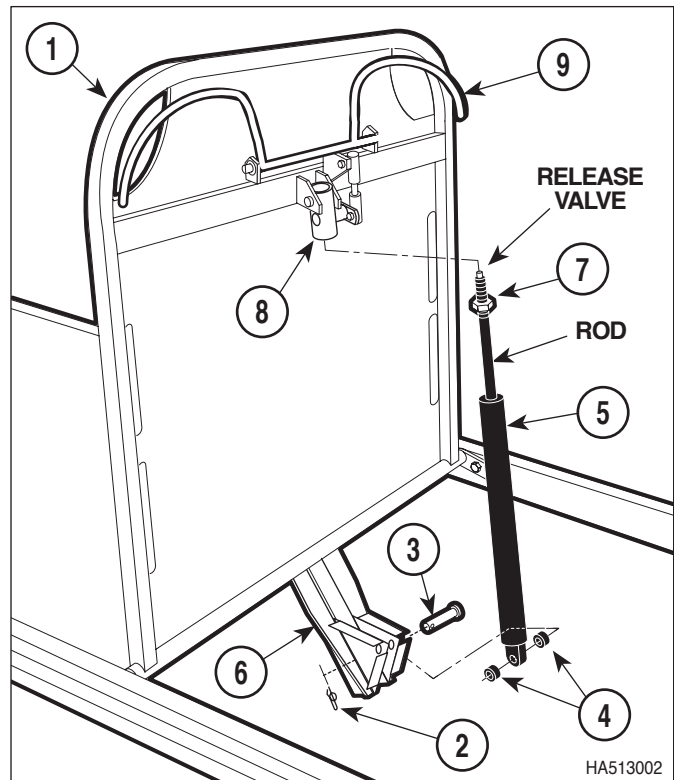


Figure 4-5. Fowler Gas Spring Removal / Installation

B. Installation

- (1) Extend rod of new Fowler gas spring (5) by turning the Fowler gas spring into the actuator body (8) until it begins to extend rapidly. Stop turning the Fowler (5).
- (2) Turn Fowler (5) back out of actuator (8) two full 360-degree turns.

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NOTE

To align the bottom of the Fowler gas spring with Fowler bracket, simply move the Fowler (1) up or down.

- (3) Position bottom of Fowler gas spring (5) on Fowler bracket (6) and secure with two rubber springs (4), clevis pin (3), and rue ring (2). See Figure 4-5.
- (4) Squeeze the Fowler handle (9). The Fowler gas spring (5) should release when the handle is squeezed - meaning the Fowler should be able to be raised and lowered. Release the Fowler handle. Put pressure on the Fowler section. The Fowler should not "drift" downward. See Figure 4-5.



EQUIPMENT ALERT

Vise grips and a soft cloth must be placed on rod of Fowler gas spring directly under jam nut (4) to prevent damage to rod. If the rod is scratched or scarred, the gas spring will malfunction.

- (5) If the Fowler gas spring (5) does not release when the Fowler handle (9) is squeezed, adjust as follows: Remove Fowler gas spring (5) from bottom bracket. Turn Fowler gas spring (5) half a turn into actuator (8) and reassemble. It might be necessary to turn only quarter turns, at which point the jam nut (7) will need to be tightened prior to rotating Fowler (Item A) to line up with lower bracket. Repeat steps 4 and 5 until the Fowler gas spring releases properly. See Figure 4-5.
- (6) If the Fowler gas spring (5) "drifts" downward when pressure is applied to the Fowler (1), adjust as follows: Remove Fowler gas spring (5) from bottom bracket. Turn Fowler gas spring (5) half a turn out of actuator (8) and reassemble. Repeat steps 4 and 6 until the Fowler gas spring does not "drift". See Figure 4-5.
- (7) Using vise grips and cloth to hold rod of Fowler gas spring (5) from rotating, tighten jam nut (7). Tighten jam nut to 12 - 17 ft-lbs (16.2 - 23.0 N·m). See Figure 4-5.

4.5 Fowler Gas Spring Adjustment

A. Adjustment

- (1) Squeeze the Fowler handle (1, Figure 4-6). The Fowler gas spring (2) should release when the handle is squeezed - meaning the Fowler (3) should be able to be raised and lowered. Release the Fowler handle. Put pressure on the Fowler. The Fowler should not "drift" downward.
- (2) Loosen jam nut (4)



EQUIPMENT ALERT

Vise grips and a soft cloth must be placed on rod of Fowler gas spring directly under jam nut to prevent damage to rod. If the rod is scratched or scarred, the gas spring will malfunction.

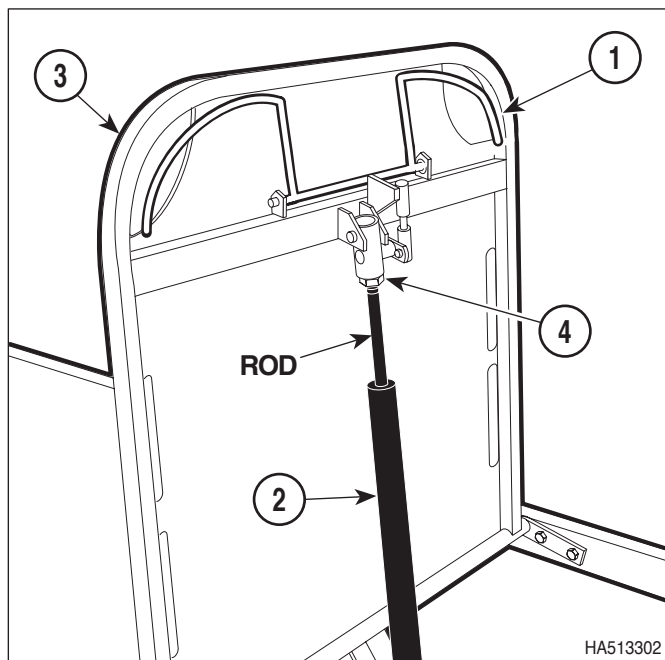


Figure 4-6. Fowler Gas Spring Adjustment

- (3) If the Fowler gas spring (2) does not release when the Fowler handle (1) is squeezed, adjust as follows: Using vise grips and cloth, screw rod of Fowler gas spring in 1/2 turn. Repeat steps 1 and 3 until the Fowler gas spring releases properly.

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- (4) If the Fowler gas spring (2) “drifts” downward when pressure is applied to the Fowler (3), adjust as follows: Using vise grips and cloth, unscrew rod of Fowler gas spring (2) 1/2 turn. Repeat steps 1 and 4 until the Fowler gas spring does not “drift”. See Figure 4-6.
- (5) Using vise grips and cloth to hold rod of Fowler gas spring (2) from rotating, tighten jam nut (4). Tighten jam nut to 12 - 17 ft-lbs (16 - 23 N•m). See Figure 4-6.

4.6 Trendelenburg Gas Spring Removal / Installation

A. Removal

- (1) Raise the litter top of the stretcher to maximum height.
- (2) Lower bellows for access (Refer to para 4.2).
- (3) Depress a caster control pedal to the “brake” position.

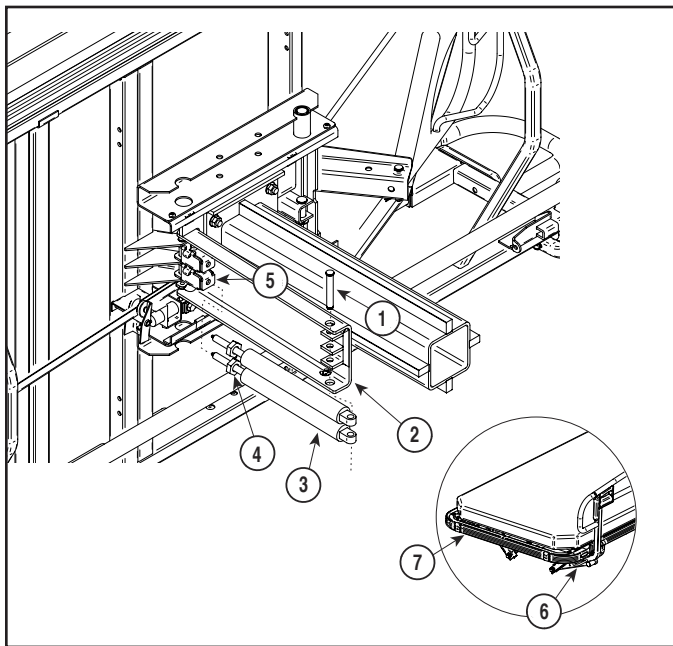


Figure 4-7 Trendelenburg Gas Spring Removal / Installation

B. Installation

- (4) Support litter top of stretcher, then remove clevis pin and E-ring (1, Figure 4-7) from pivot plate (2) and separate bottom of Trendelenburg gas springs (3) from pivot plate.
 - (5) Loosen jam nut (4) of Trendelenburg gas spring that is to be replaced.
 - (6) Unscrew rod of Trendelenburg gas springs (3) from actuator (5).
- (1) Extend rod of new Trendelenburg gas spring (3) by screwing it into the actuator (5) until it begins to extend rapidly.
 - (2) Prior to installing on stretcher. Turn cylinder back two full 360 degree turns. Align bottom clevis pin holes of both cylinders. Clevis pin should slide freely through both.
 - (3) Position bottom of Trendelenburg gas spring (3) on pivot plate (2). Insert clevis pin and secure with e-ring.
 - (4) Squeeze the Trendelenburg handle (6). The Trendelenburg gas springs (3) should release when the handle is squeezed - meaning the litter top (7) should be able to be raised and lowered. Release the Trendelenburg handle. Put pressure on one end of the litter top and then on the other end. The litter top should not “drift” upward or downward.
 - (5) If the Trendelenburg gas spring (5) does not release when the Trendelenburg handle (6) is squeezed, adjust as follows: Support litter top of stretcher, then remove lower clevis pin from pivot plate (1, Figure 4-7) out of pivot plate (2) and separate bottom of Trendelenburg gas springs (3) from pivot plate. Screw rod of Trendelenburg gas springs (3) from actuator (5) in 1/2 turn. Repeat steps 4 and 5 until the Trendelenburg gas spring releases properly.
 - (6) If the Trendelenburg gas spring (5) “drifts” downward when pressure is applied to either end of the litter top (7), adjust as follows: Support litter top of stretcher, then remove lower clevis pin (1) from pivot plate (2) and separate bottom of Trendelenburg gas springs

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(3) from pivot plate. Unscrew rod of Trendelenburg gas springs (3) from actuator (5) 1/2 turn. Repeat steps 4 and 6 until the Trendelenburg gas spring releases properly.

- (7) Using vise grips and cloth to hold rod of Trendelenburg from rotating, tighten jam nut (4). Tighten jam nut to 12 - 17 ft-lbs (16.2 - 23.0 N•m).

4.7 Trendelenburg Gas Spring Adjustment

A. Adjustment

- (1) Squeeze the Trendelenburg handle (1, Figure 4-8). The Trendelenburg gas spring (2) should release when the handle is squeezed - meaning the litter top (3) should be able to be raised and lowered. Release the Trendelenburg handle. Put pressure on one end of the litter top and then the other end. The litter top should not “drift” upward or downward.
- (2) Lower bellows for access (Refer to para 4.2).
- (3) Loosen jam nut (4).



CAUTION

The Trendelenburg gas spring could release when it is being adjusted, allowing the litter top to lower. Have an assistant support the litter top or block the litter top up before adjusting the Trendelenburg gas spring. Failure to do so could result in personal injury.



EQUIPMENT ALERT

Vise grips and a soft cloth must be placed on rod of Trendelenburg gas spring directly under jam nut to prevent damage to rod. If the rod is scratched or scarred, the gas spring will malfunction.

- (4) If the Trendelenburg gas spring (2) does not release properly when the Trendelenburg

handle (1) is squeezed, adjust as follows: Using a vise grips, screw rod of Trendelenburg gas spring in 1/2 turn. Repeat steps 1 and 4 until the Trendelenburg gas spring releases properly.

- (5) If the Trendelenburg gas spring (2) “drifts” downward when pressure is applied to either end of the litter top (3), adjust as follows: Using a vise grips, unscrew rod of Trendelenburg gas spring (2) 1/2 turn. Repeat steps 1 and 5 until the Trendelenburg gas spring does not “drift”.
- (6) Using vise grips and cloth to hold the rod of Trendelenburg gas spring (2) from rotating, tighten jam nut (4). Tighten jam nut (4) to 12 - 17 ft-lbs (16.2 - 23.0 N•m).
- (7) Return bellows to raised position (Refer to para 4.2).

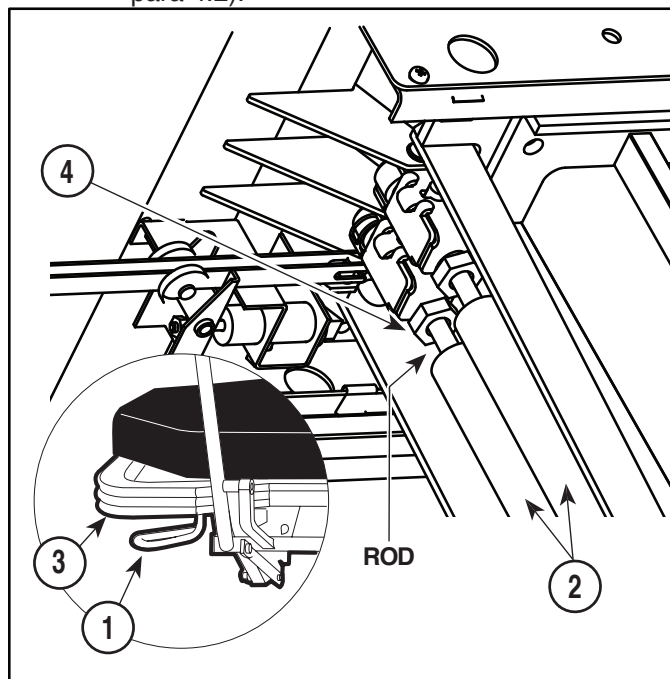


Figure 4-8. Trendelenburg Gas Spring Adjustment

4.8 Caster Assembly Removal / Installation

A. Removal

NOTE

This note only applies to stretchers which do not have a fifth wheel. Determine if the caster assembly you are removing is a steer caster or standard caster. This is important to remember, especially if removing more than one caster at a time. Make sure you replace the caster assembly that you remove with the same type of caster assembly. The steer caster is typically located under the patient's right foot.

- (1) Depress a caster control pedal (1, Figure 4-9) to the brake position.
- (2) Elevate end of stretcher from which caster is being removed at least 6 in. (15.2 cm) and secure with blocks.
- (3) Loosen setscrew (2) and remove caster control pedal (1) from actuator bar (3).
- (4) Loosen setscrew (4) which secures transfer lever (5) to actuator bar (3).
- (5) Remove two screws (6) and lockwashers (7) from chassis (8).



EQUIPMENT ALERT

Do not hit end of actuator bar with steel hammer. The end of the actuator bar will deform making installation difficult or impossible.

NOTE

The caster control pedal on the other end of the actuator bar may be pushed on to assist in driving the actuator bar into the chassis.

- (6) Using a soft faced mallet, drive actuator bar (3) into chassis (8) until the caster assembly (9) is able to be removed from the chassis.

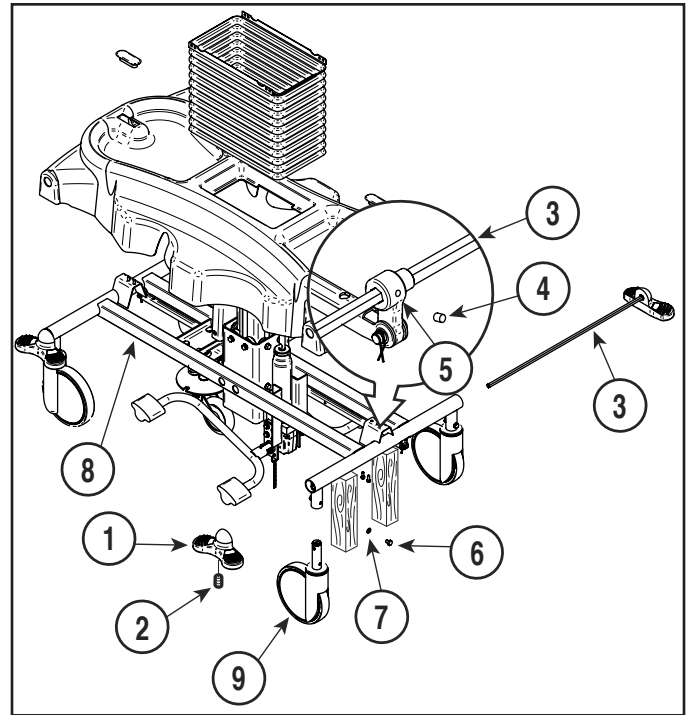


Figure 4-9. Caster Removal / Installation

B. Installation

NOTE

Steps 1 thru 5 describe how to prepare and orient the caster assembly for proper installation.

- (1) Insert a 7/16 inch Allen Wrench in actuator hole of new caster assembly (9) and turn Allen Wrench in one direction as far as it will go. Check if the caster assembly brake is engaged (if the caster assembly brake is engaged, the caster fork will not rotate and caster wheel will not turn). If it is determined that the caster assembly brake is not engaged, turn the Allen Wrench in the opposite direction as far as it will go; this will be the brake position.
- (2) Turn the Allen Wrench back one "click". This is the caster assembly's (9) neutral position. Remove the Allen Wrench and re-insert it so the long end of the Allen Wrench is in a straight line with the stem of the caster assembly.

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- (3) Return the caster assembly (9) to the brake position (the Allen Wrench should be at an angle now).
- (4) With the Allen Wrench still inserted in the caster assembly (9), partially install the caster assembly in caster support of chassis (8) so that the long end of the Allen Wrench is pointing in the same direction as the red pedal inserts in the caster control pedals. If not, remove the caster assembly, rotate it 180°, and re-install caster assembly. Now the long end of the Allen Wrench should be pointing in the same direction as the red pedal inserts in the caster control pedals, indicating the caster assembly is oriented properly.
- (5) Remove Allen Wrench from caster assembly (9) and install caster assembly in caster support of chassis (8).



EQUIPMENT ALERT

Make sure the caster control pedals are completely in the "brake" position before performing step 6 or the caster assembly will not operate properly when installation procedure is completed.

- (6) Push the actuator bar (3) through the actuator hole of the caster assembly (9).
- (7) Coat threads of two screws (6) with removable threadlocking adhesive (Loctite 242).
- (8) Install two new lockwashers (7) and screws (6) to secure caster assembly (9) in chassis (8). Tighten screws (6) to 25 to 30 ft-lbs. (33.9 to 40.6 N•m).
- (9) Install caster control pedal (1) on end of the actuator bar (3) and secure by tightening setscrew (2).
- (10) Making sure the transfer lever (5) is not binding, secure in position by tightening set screw (4).
- (11) Check the newly installed caster assembly (9) for proper operation.

4.9 Caster Brake Adjustment

A. Adjustment

- (1) Depress the caster control pedal to the neutral position.
- (2) Using a 1/4 inch drill, remove the protective tab on the back of the caster to gain access to the adjustment screw. (See Figure 4-10)
- (3) If the brake needs to be tightened, using a flat head Phillips screw driver, turn the screw clockwise in 1/4 turn increments, which moves the brake shoe towards the caster wheel.
- (4) If the brake needs to be loosened, turn the screw counter clockwise in 1/4 turn increments, which moves the brake shoe away from the caster wheel. Only rotate a maximum of 3/4 turn from its original position. If still loose, replace caster per Section 4.8.
- (5) Depress the caster control pedal (1) to the brake position and check the braking action of the caster assembly (3).
- (6) Repeat steps 2 thru 5 until brakes are adjusted properly.

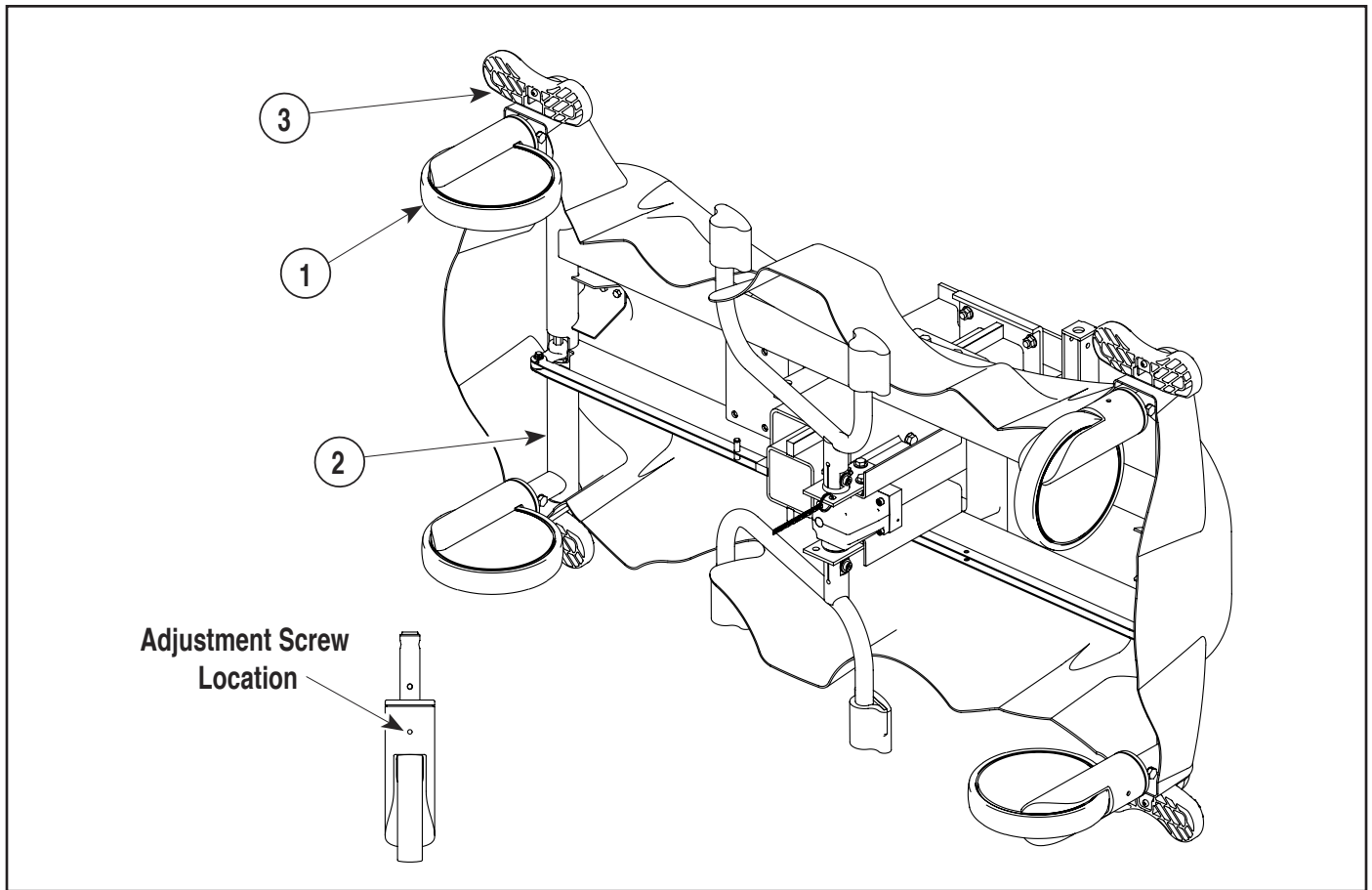


Figure 4-10 Caster Brake Adjustment

4.10 Litter Top Removal / Installation

A. Removal



WARNING

Failure to lower litter top as far as it will go before attempting removal could result in personal injury.

NOTE

Note the location of the head end of the litter top and the head end of the chassis for proper installation.

- (1) Lower litter top (1, Figure 4-11) as far as it will go.
- (2) Lower bellows for access (Refer to para 4.3).
- (3) Remove C-clip ring (2) and clevis pin (3) which attaches litter top (1) to hydraulic pump.

- (4) With the help of an assistant, lift evenly at each end of the litter top (1) until the inner slide is free of the outer slide.

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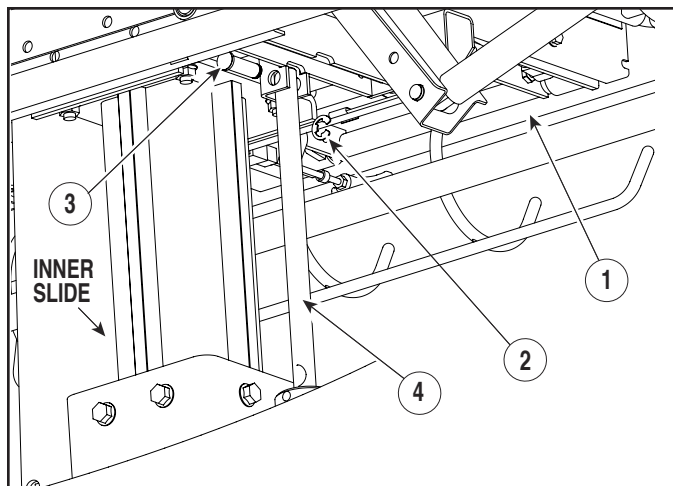


Figure 4-11. Litter Top Removal / Installation

B. Installation

NOTE

Make sure that the head end of the litter top is installed toward the head end of the chassis.

- (1) With the help of an assistant, position the litter top over outer slide and then, lowering evenly at each end of the litter top (1), insert the inner slide of the litter top (1) into the outer slide, and lower litter top down gently as far as it will go.
- (2) Position rod of hydraulic lift system (4) on litter top (1) and secure with clevis pin (3) and C-clip ring (2).
- (3) Return bellows from lowered position (Refer to para 4.3).

4.11 Siderail Removal / Installation

A. Removal

- (1) Lower siderail (1, Figure 4-12).
- (2) Remove four shoulder bolts (2) and bushings (3) from two upper links (4) and two lower links (5) and then remove siderail (1).

B. Installation

- (1) Coat four bushings (3) with Silicone or Teflon based lubricant.

- (2) Coat threads of four shoulder bolts (2) with removable threadlocking adhesive (Loctite 242).
- (3) Install one bushing (3) in each upper link (4) and lower link (5).

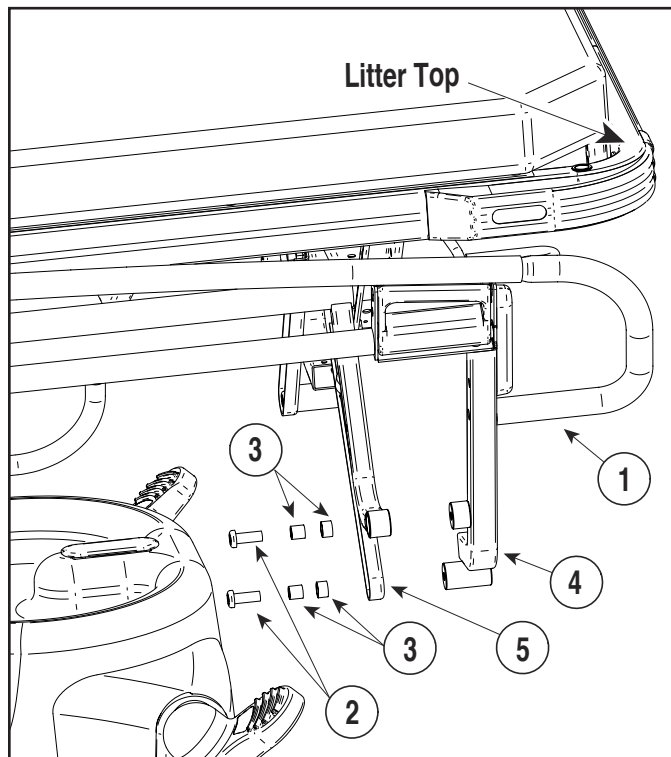


Figure 4-12. Siderail Removal / Installation



EQUIPMENT ALERT

Make sure that the shoulder bolts slide into bushings perfectly when installing the shoulder bolts. Failure to do so could result in crushed bushings which will cause the siderail to be hard and noisy to operate.

- (4) Position one end of siderail (1) on lower link (5) and upper link (4) and secure with two shoulder bolts (2).
- (5) Repeat step 4 for other end of siderail (1).
- (6) Check the operation of the siderail (1).
- (7) Adjust the siderail latch (Refer to para 4.11).

4.12 750N and 750W Siderail Latch Assembly Removal / Installation

A. Removal

NOTE

Each siderail has one latch located at the head end of the stretcher.

- (1) Remove screw (1, Figure 4-13), screw (2), spacer (3), and end cap (4) from siderail (5).
- (2) Remove two screws (6) securing lockout body of cable assembly (7) in siderail (5).
- (3) Push lockout body of cable assembly (7) into siderail as far as it will go.

NOTE

The following step may require the help of an assistant.

- (4) While pushing in on bolt of lockout body to relieve spring tension, simultaneously lower siderail handle (8) and pull locking ball of cable assembly (7) from socket in siderail handle.
- (5) While pulling outward on siderail handle (8) slightly to allow it to flex, pull cable assembly (7) down past siderail handle, thru the siderail (5) and remove.

B. Installation

- (1) Coat lockout body and bolt of cable assembly with White Lithium grease.
- (2) Run a thin wire, approximately 18 in. (45.7 cm) in length, thru the siderail (5). Then secure the wire to the locking ball of cable assembly (7).
- (3) While pulling outward on siderail handle (8) slightly to allow it to flex, simultaneously pull on wire to pull cable assembly (7) thru siderail (5).

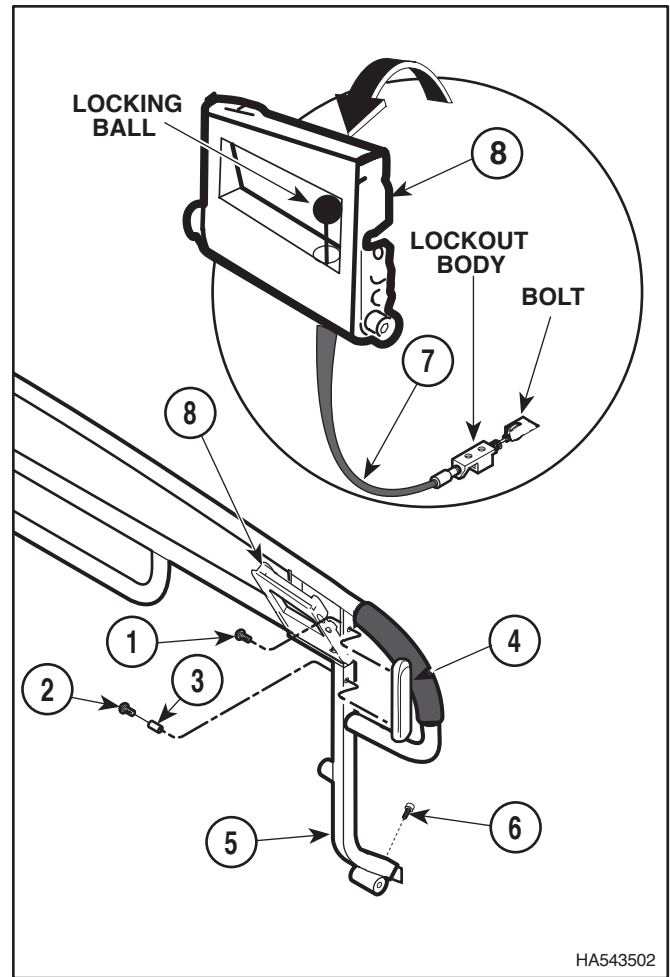


Figure 4-13. 750N and 750W Siderail Latch Assembly Removal / Installation

- (4) While pushing in on bolt of lockout body to relieve spring tension, simultaneously lower siderail handle (8) and insert locking ball of cable assembly (7) into socket in siderail handle.
- (5) Coat threads of two screws (6) with removable threadlocking adhesive (Loctite 242).
- (6) Position lockout body of cable assembly (7) in end of siderail (5) and secure with two screws (6).
- (7) Install end cap (4) on siderail (5) and secure with spacer (3) and screws (2 and 1).
- (8) Adjust siderail latch (Refer to para 4.11).

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4.13 750N and 750W Siderail Latch Adjustment

A. Adjustment

NOTE

Each siderail has one latch located at the head end of the stretcher.

- (1) Loosen two screws (1, Figure 4-14).
- (2) Slide latch plate (2) in or out until latch bolt (3) has a minimum of 3/16 in. (4.8 mm) engagement with latch plate.
- (3) Tighten two screws (1).

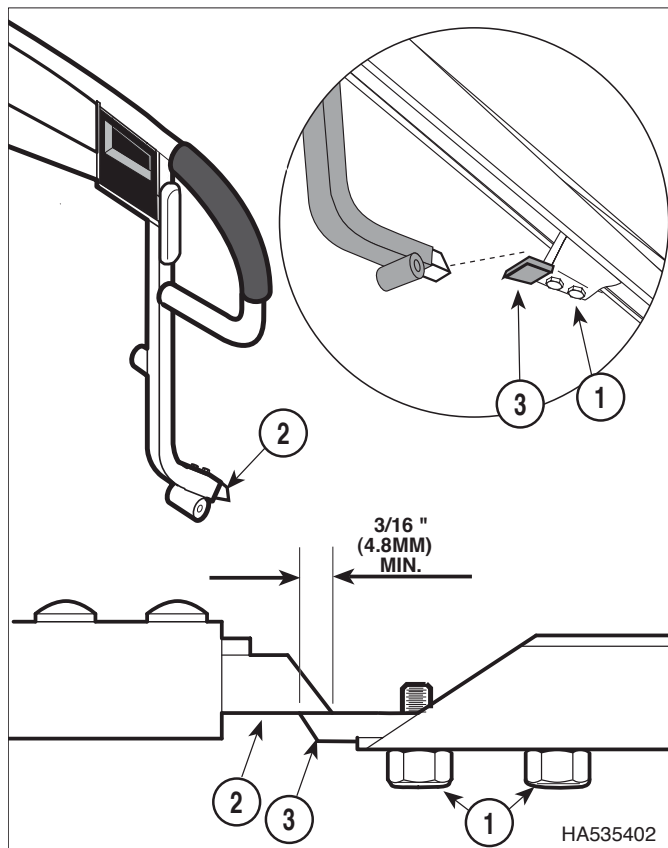


Figure 4-14. 750N and 750W Siderail Latch Adjustment

4.14 Tire Bearing Replacement / Adjustment

A. Concentric Tire Bearing Adjustment

- (1) There is no adjustment for concentric tire bearings (see letter "A" for location of concentric tire bearings). Their center spindle is concentric (round) and does not affect the tightness of the column. See Figure 4-15.

B. Eccentric Tire Bearing Replacement / Adjustment

- (1) Lower bellows for access (Refer to para 4.2).
- (2) Install any concentric tire bearings being installed before installing any eccentric bearings.
- (3) Loosen screw and rotate eccentric spindle of the eccentric tire bearing which needs adjusted (see letter "B" and "C" for location of eccentric tire bearings) in clockwise direction as viewed from outside of outer slide, until the eccentric tire bearing becomes harder to rotate (meaning the eccentric spindle in the bearing is forcing the outer race of the tire bearing against the inner slide as desired). Secure eccentric tire bearing in this position by tightening screw.
- (4) Return bellows from lowered position (Refer to para 4.2).

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4.15 750N / 750W Trendelenburg Level Lock Adjustment

A. Adjustment

- (1) Lower bellows for access (Refer to para 4.2).
- (2) Tighten or loosen nut (1, Figure 4-16) until end of lockout bolt (2) is 1/4 in. (6.3 mm) from sleeve (3).
- (3) Loosen two screws and nuts (4); then slide lockout strike (5) in or out until it has a minimum engagement of 3/16 in. (4.8 mm) with lockout bolt (2).

NOTE

Lockout bolt only releases from lockout strike when Trendelenburg handle is pushed downward. When Trendelenburg handle is squeezed, nothing happens.

- (4) If lockout bolt is not releasing from lockout strike properly when Trendelenburg handle is pushed downward, tighten nut (6) a few turns. Repeat step until lockout bolt is releasing properly.

If lockout bolt is releasing from lockout bolt too easily, loosen nut (6) a few turns. Repeat step until lockout bolt is releasing properly.

- (5) Return bellows to lowered position (Refer to para 4.2).

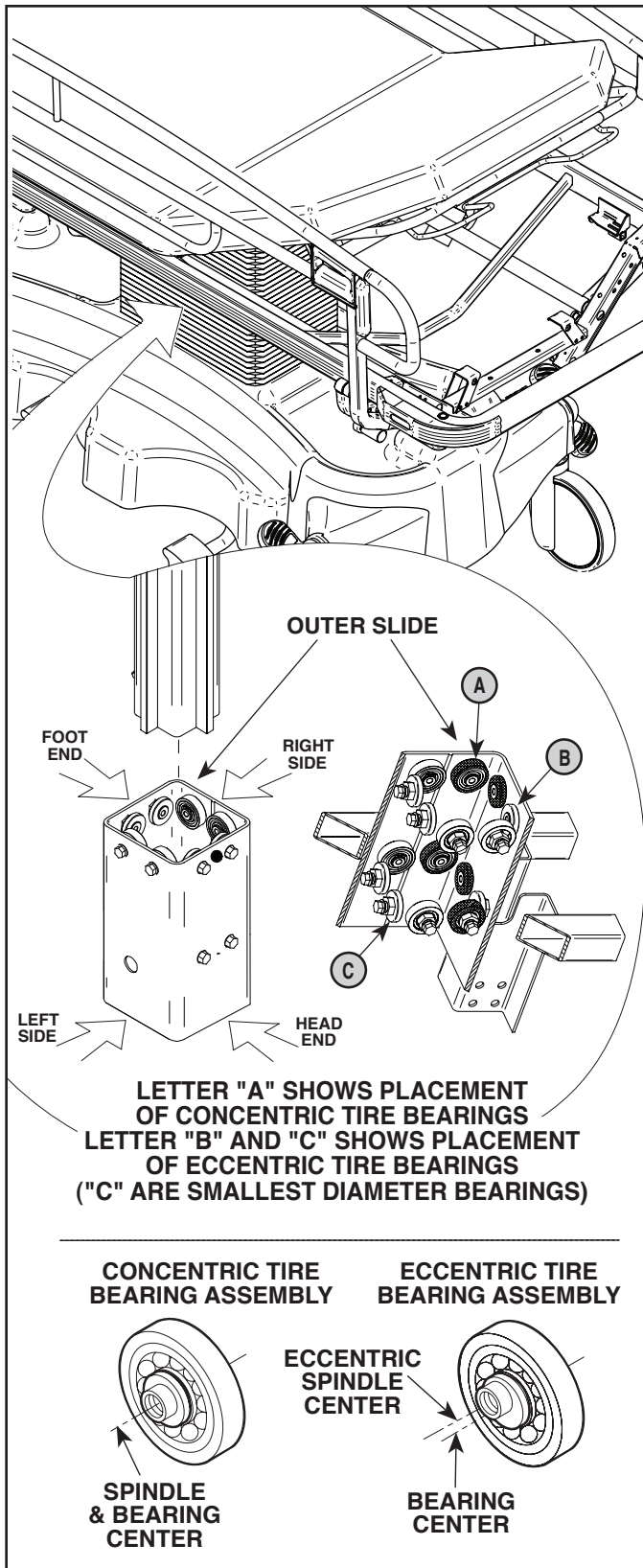


Figure 4-15. Tire Bearing Adjustment

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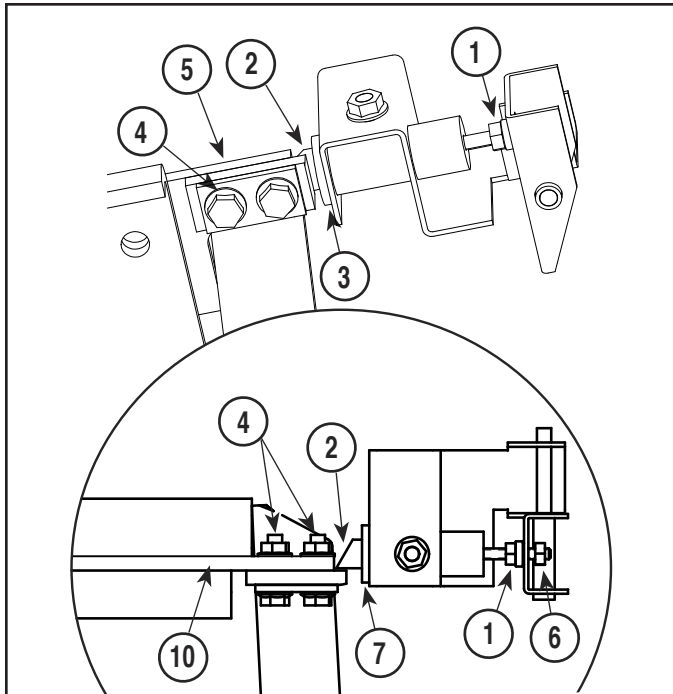


Figure 4-16. Trendelenburg Level Lock Adjustment

4.16 O2 Bottle Holder Adjustment

- (1) The latch should extend past the bar (approximately .075")
- (2) To increase the amount of latch engagement, turn the poly nut item (1, Figure 4-17) counter clockwise. Take care not to rotate the threaded rod or pull handle.
- (3) Operate the O2 holder. The latch should move smoothly past the rod.
- (4) Once latched, the latch should not release while in the storage position without pulling the release handle.
- (5) If the latch releases on its own, repeat steps 2-4.

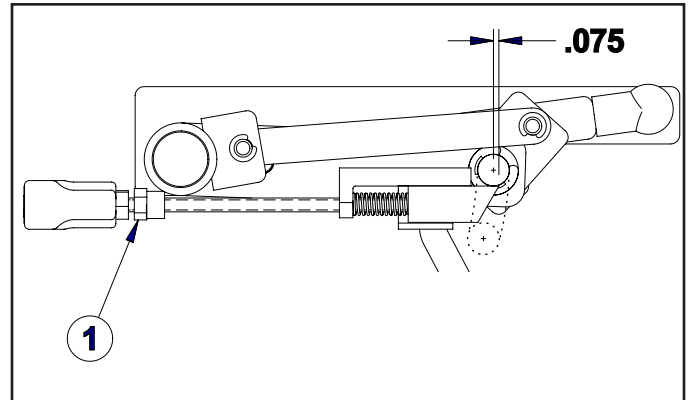


Figure 4-17. O2 Bottle Holder Adjustment

4.17 Fifth Wheel Adjustment

- (1) Depress Caster Control Pedal to the Steer Position.
- (2) To adjust alignment of the steer caster, loosen bracket Item #1 in Figure 4-18
- (3) Move Item #1 toward the head end or the foot end of the stretcher. This will cause Item #2 to rotate CW or CCW. Move until Caster is aligned as shown in Figure 4-19.
- (4) Verify Lock Pin Item # 3 has a minimum of 1/16 of an inch of engagement (i.e. that the bottom face of Lock Pin #3 passes below the round plate of Item #2).
- (5) If the latch does not have enough engagement, lower latch bracket #6 by loosening screws Item #5 until Lock Pin Item #3 has proper engagement.

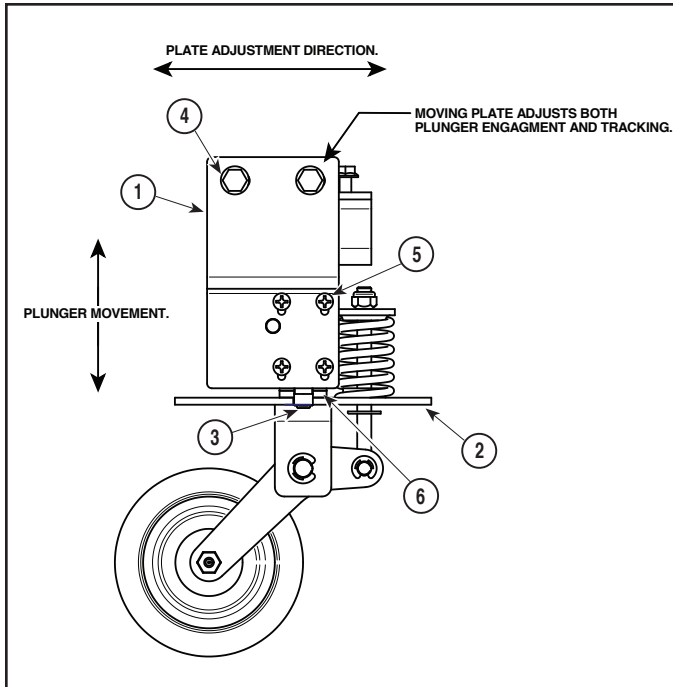


Figure 4-18. Fifth Wheel Adjustment

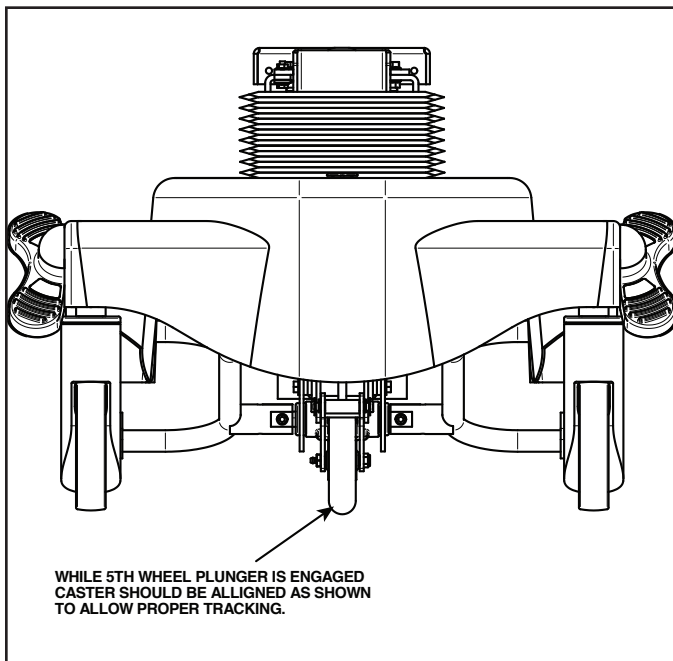


Figure 4-19. Fifth Wheel Alignment

SECTION V

PARTS LIST

5.1 Introduction

The illustrated parts list provides information for identifying and ordering the parts necessary to maintain the unit in peak operating condition. Refer to paragraph 1.5 for parts ordering information. The parts list also illustrates disassembly and assembly relationships of parts.

5.2 Description of Columns

The *Item* column of the parts list gives a component its own unique number. The same number is given to the component in the parts illustration. This allows a part number of a component to be found if the technician can visually spot the part on the illustration. The technician simply finds the component in question on the illustration and notes the item number of that component. Then, he finds that item number in the parts list. The row corresponding to the item number gives the technician the part number, a description of the component, and quantity of parts per subassembly. Also, if a part number is known, the location of that component can be determined by looking for the item number of the component on the illustration.

The *Part No.* column lists the Pedigo part number for that component.

The *Description* column provides a physical description of the component.

The *Qty.* column lists the number of units of a particular component that is required for the subassembly. The letters "AR" denote "as required" when quantities of a particular component cannot be determined, such as: adhesive.

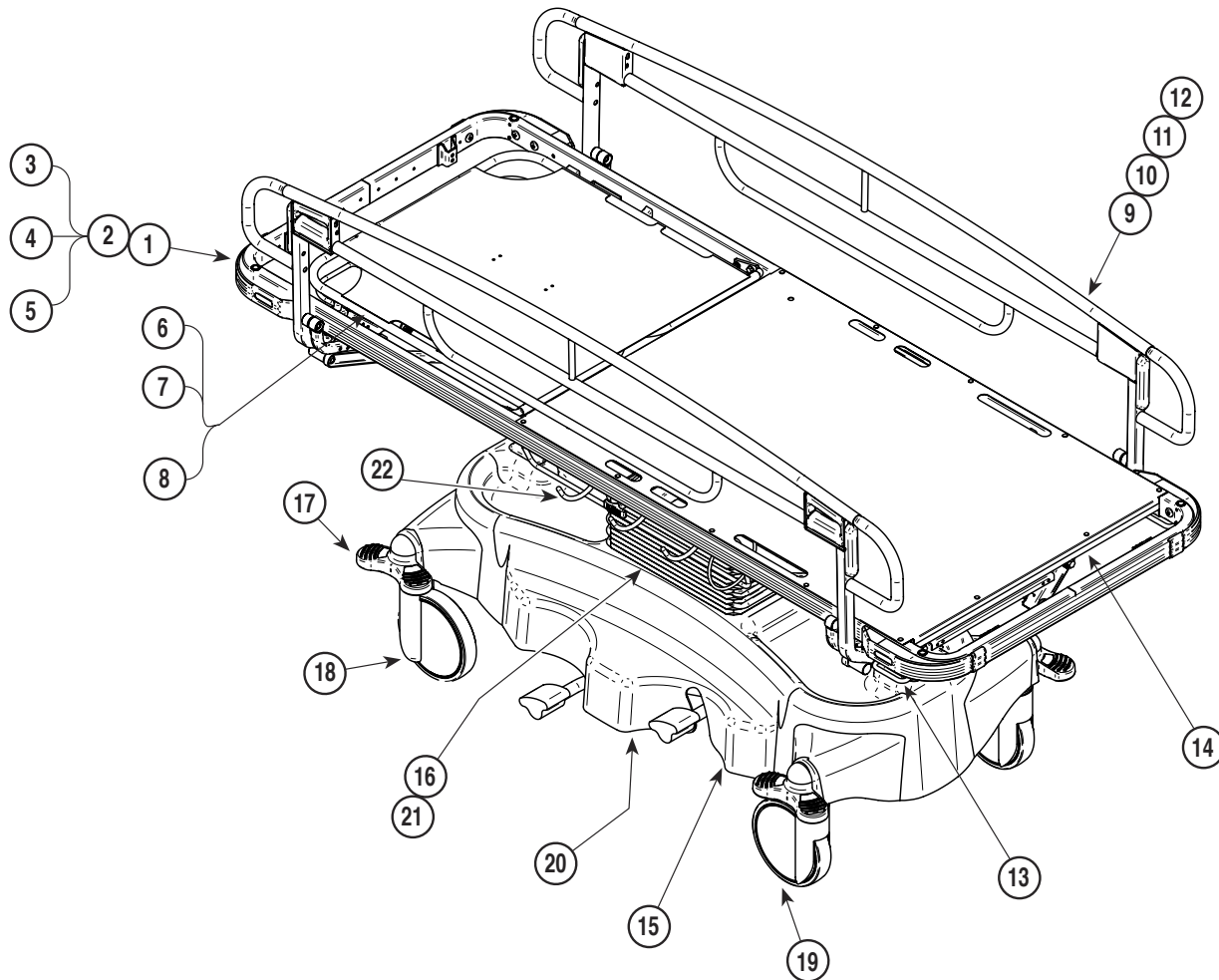
Bullets [•] in the *Part No.* column and the *Description* column show the indenture level of a component. If a component does not have a bullet, it is a main component of that illustration. If a component has a bullet, it is a subcomponent of the next component listed higher in the parts list than itself that does not have a bullet. Likewise, if a component has two bullets, it is a subcomponent of the next component listed higher in the parts list than itself that has only one bullet.

5.3 Torque Specifications and Important Assembly Notes

When specific assembly torque specifications, measurements, or procedures have been identified, by our engineering department, as required to assure proper function of the unit, those torque specifications measurements, and procedures will be noted on the parts illustrations. Adherence to these requirements is essential.

750N / 750W Pictorial Index

SECTION V PARTS LIST

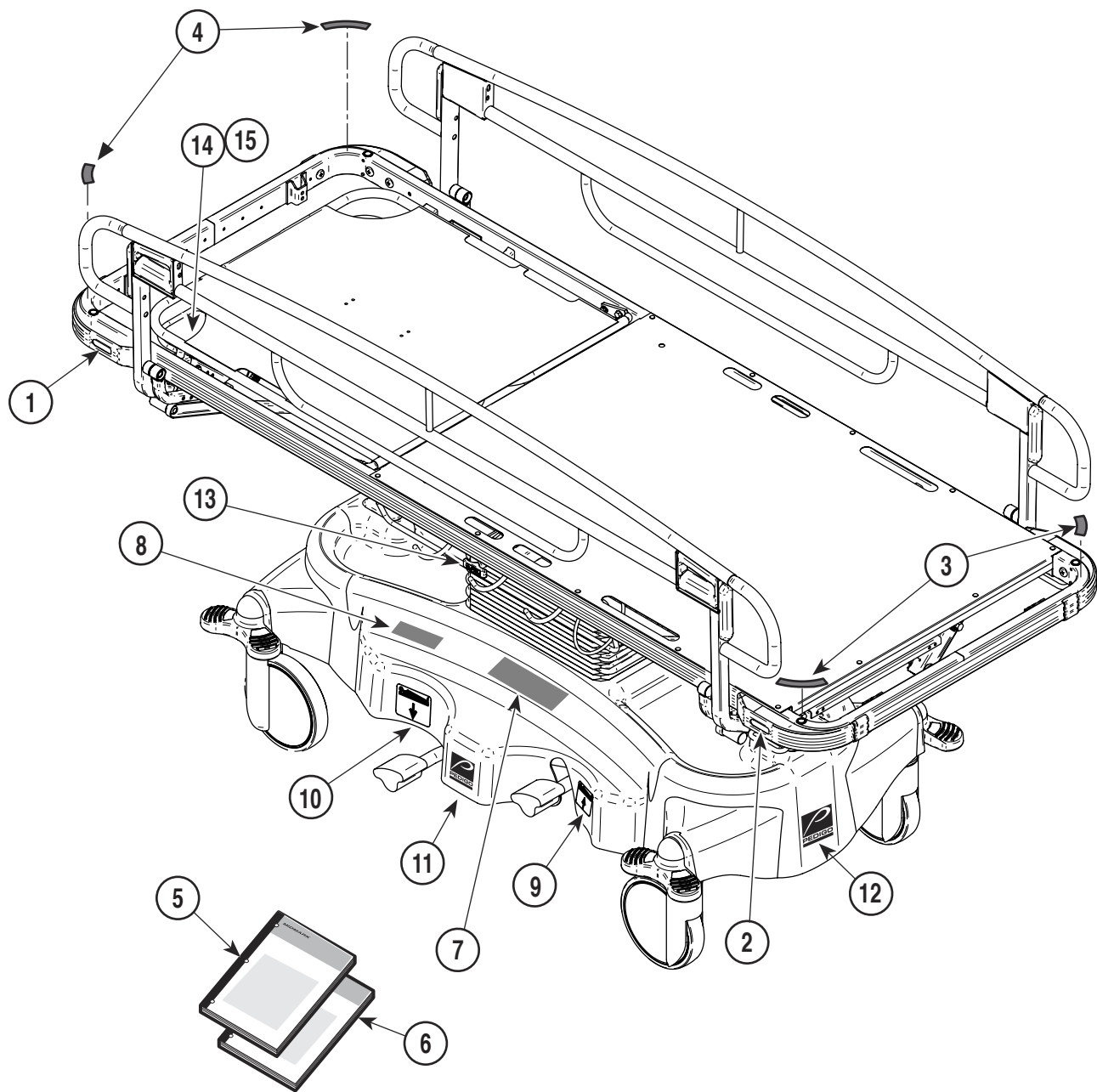


Item	Part No.	Description	Page	Item	Description	Option #
		750N / 750W Stretcher			OPTIONAL ACCESSORIES	
1	•	• Labels and Decals	5-3	24	• Mattresses	
•	•	• Litter Frame Assembly	5-4	25	• Restraint Straps (velcro)	5903001
		LITTER TOP OPTIONS (3, 4 or 6)			• Restraint Straps (buckle)	5904001
3	•	• Standard Litter Top (750N/750W)	5-5	26	• Paper Roll Holder Kit	5966001
4	••	•• Knee Flex Litter Top (750N/750W) .	5-6	27	• Chart Holder Assembly	5967001
5	•	• Knee Flex Crank Assembly	5-7	28	• I.V. Pole	2101
		FOWLER OPTIONS (6, 8, or 9)		29	• 7/8" Adjustable I.V. Pole	5984001
6	••	•• Pneumatic Fowler Comp.	5-8	30	• Easiloc I.V. Pole Ass. w/storage tube for 750N	750501
7	••	•• Fowler Actuator Assembly	5-9	31	• Easiloc I.V. Assembly w/storage tube for 750W ...	750502
8	••	•• Partial X-Ray Fowler Comp.	5-10	32	• Fold Down I.V. Assembly	59175002
9	•	• Siderail and Linkage Comp.	5-11	33	• Vertical Oxygen Tank Holder	5981001
10	•	• Siderail Components	5-12	34	• Push/Pull Bar Assembly 750N	5985001
11	••	•• Siderail Latch Components	5-13		• Push/Pull Bar Assembly 750W	5986001
12	••	•• Siderail Counter Balance Comp. .	5-14	35	• Crutch/Stirrup Adapter Assembly	5994001
13	••	•• Trendelenburg Handle Comp.	5-15	36	• Head/Foot Extension 750N	5996001
14	••	•• Trendelenburg Actuator Comp.	5-16		• Head/Foot Extension 750W	5997001
15	••	•• Chassis Components	5-17	37	• Stirrup Set	59100001
16	••	•• Elevation Column Assembly	5-18	38	• Foot/Monitor Tray Board (Narrow)	59115001
17	••	•• Caster Linkage Components	5-19		• Foot/Monitor Tray Board (Wide)	59116001
18	••	•• Caster Assembly	5-20	39	• Arm Board Assembly (3")	59121001
		STEERING OPTIONS (20 or 21)			• Arm Board Assembly (4")	59122001
19	••	•• True Direction Steering System ...	5-21	40	• Knee Crutch Assembly	5911001
20	••	•• Fifth Wheel Steering System	5-22	41	• I.V. Caddy	59163001
21	••	•• Hydraulic Lift Components	5-23	42	• Siderail Pad	5716001
22	••	Oxygen Bottle Assembly	5-24	43	• Headend Trendelenburg Control 750N	750210
					• Headend Trendelenburg Control 750W	750211

Always Specify Model & Serial Number

Labels and Decals

SECTION V PARTS LIST

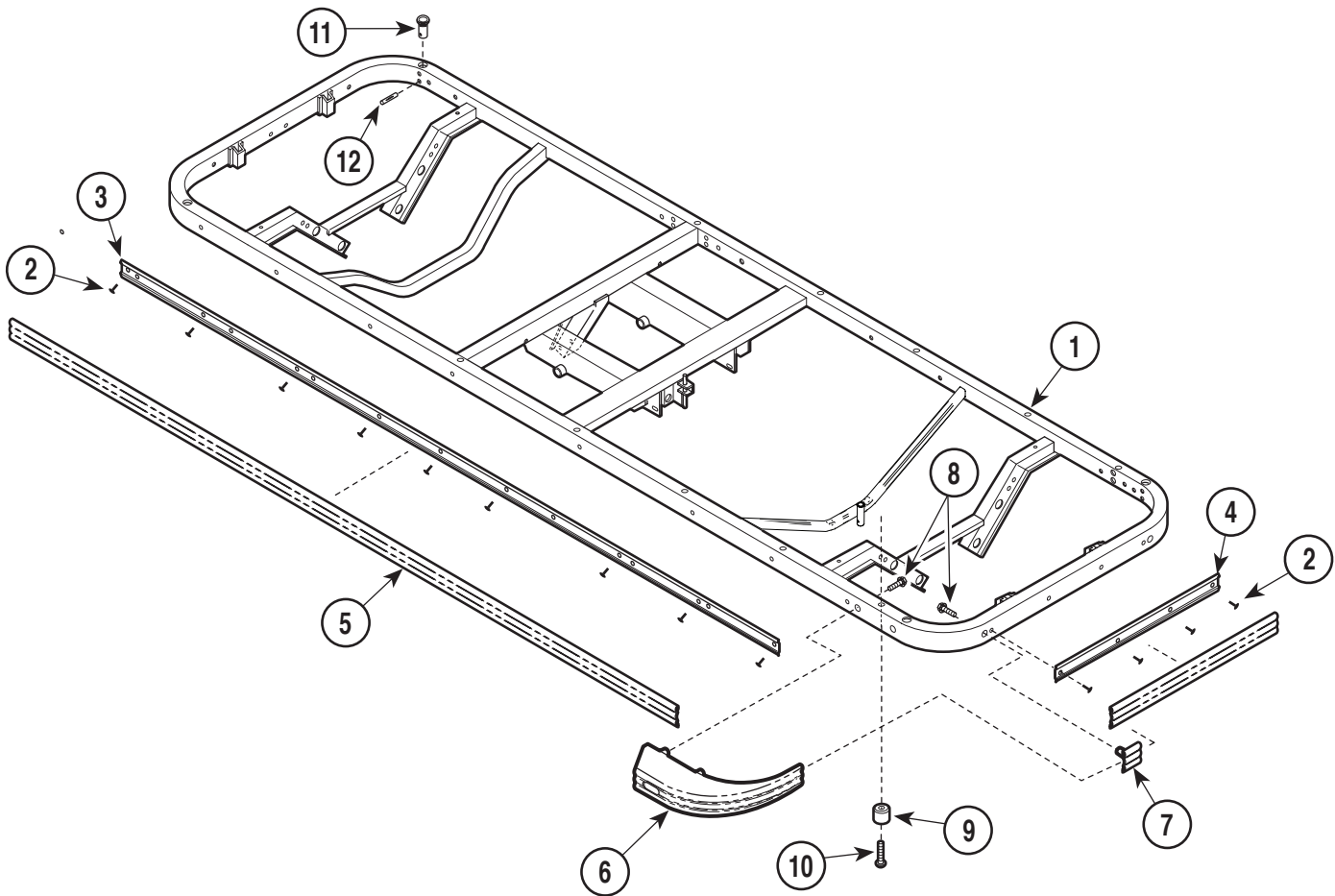


Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
	561-0383-00	Stretcher Label Set (Includes Items 1 thru 4)		8	561-0258-00	Recovery Graphics	
•1		•Head Decal	2		561-0257-00	Emergency Graphics	1
•2		•Foot Decal	2	9	561-0426-00	Pump Up Label	2
•3		•Trendelenburg Decal	2	10	561-0427-00	Pump Down Label	2
•4		•Fowler Decal	2	11	1200-00062	Pedigo Label Small	2
		•Fluid Label (not shown)	1	12	1200-00063	Pedigo Label Large	2
5	503-0393-00	750N/750W I/O Manual	1	13	561-0425-00	O ₂ Label	1
6	504-0051-00	Service and Parts Manual	Ref	14	561-0424-00	Max Weight Capacity	1
7	561-0429-00	750 N Label	2	15		Serial Number	Ref
	561-0428-00	750W Label	2				

Always Specify Model & Serial Number

Litter Frame Assembly

SECTION V PARTS LIST

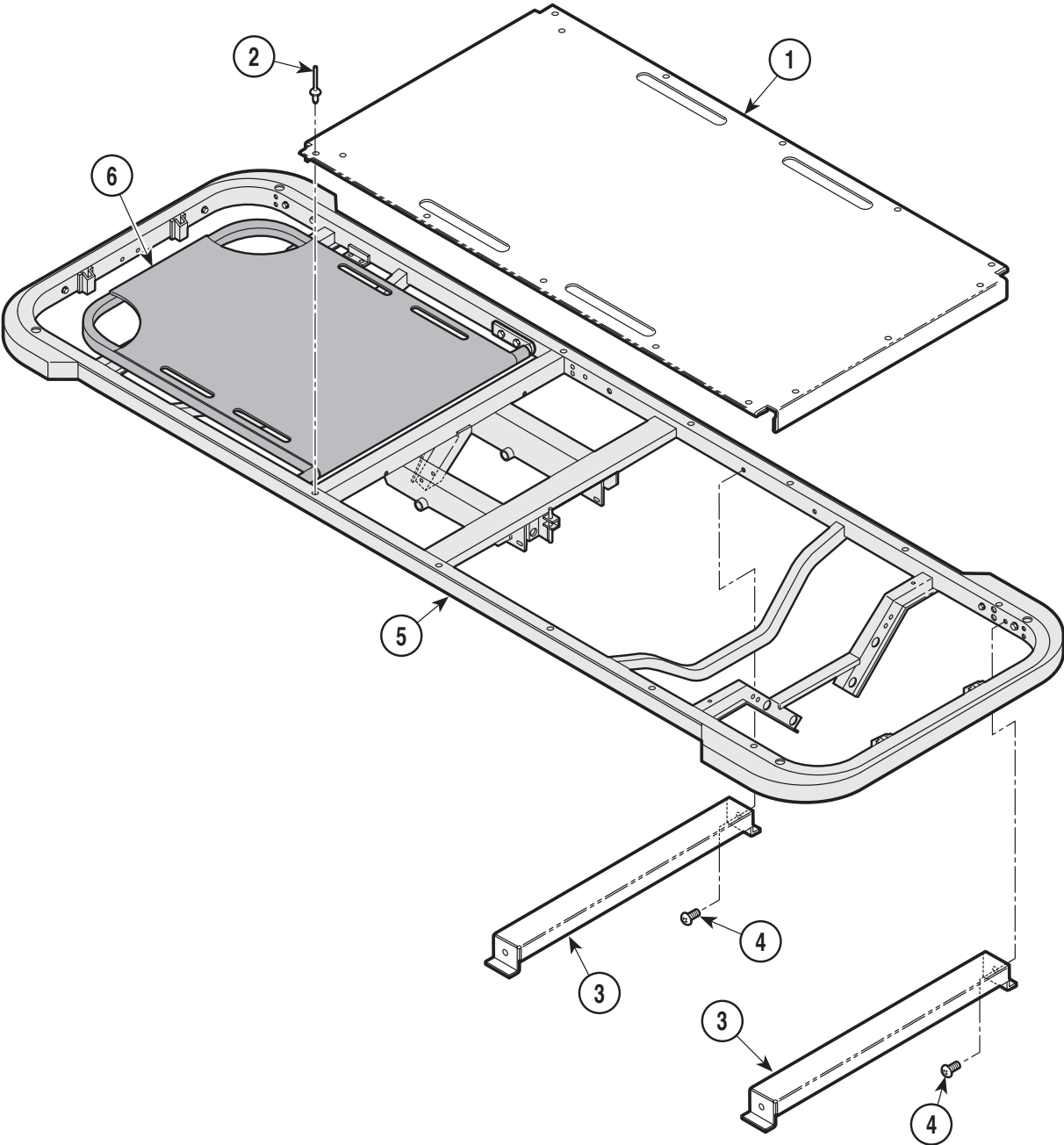


Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
		Litter Frame Assembly Grey (Includes Items 2 thru 8)	1	6	• 553-0359-02	• Corner Bumper Grey	4
1	• 530-1531-00	• Litter Frame (750 Narrow)		7	• 553-0358-02	• Bumper Clamp Grey	4
2	• 530-1532-00	• Litter Frame (750 Wide)		8	• 040-0275-00	• Screw	12
3	• 042-0010-23	• Rivet	26	9	016-0523-01	Bumper	2
4	• 521-0075-02	• Side Extrusion	2	10	040-0010-07	Screw	2
5	• 521-0075-00	• End Extrusion (Narrow)		11	552-0879-00	I.V. Socket	4
	• 521-0075-01	• End Extrusion (Wide)	2	12	042-0011-07	Spirol Pin	4
	• 553-0365-03	• Side Bumper Grey	2			Apply super glue in place of pop rivets	

Always Specify Model & Serial Number

Standard Litter Top

SECTION V PARTS LIST

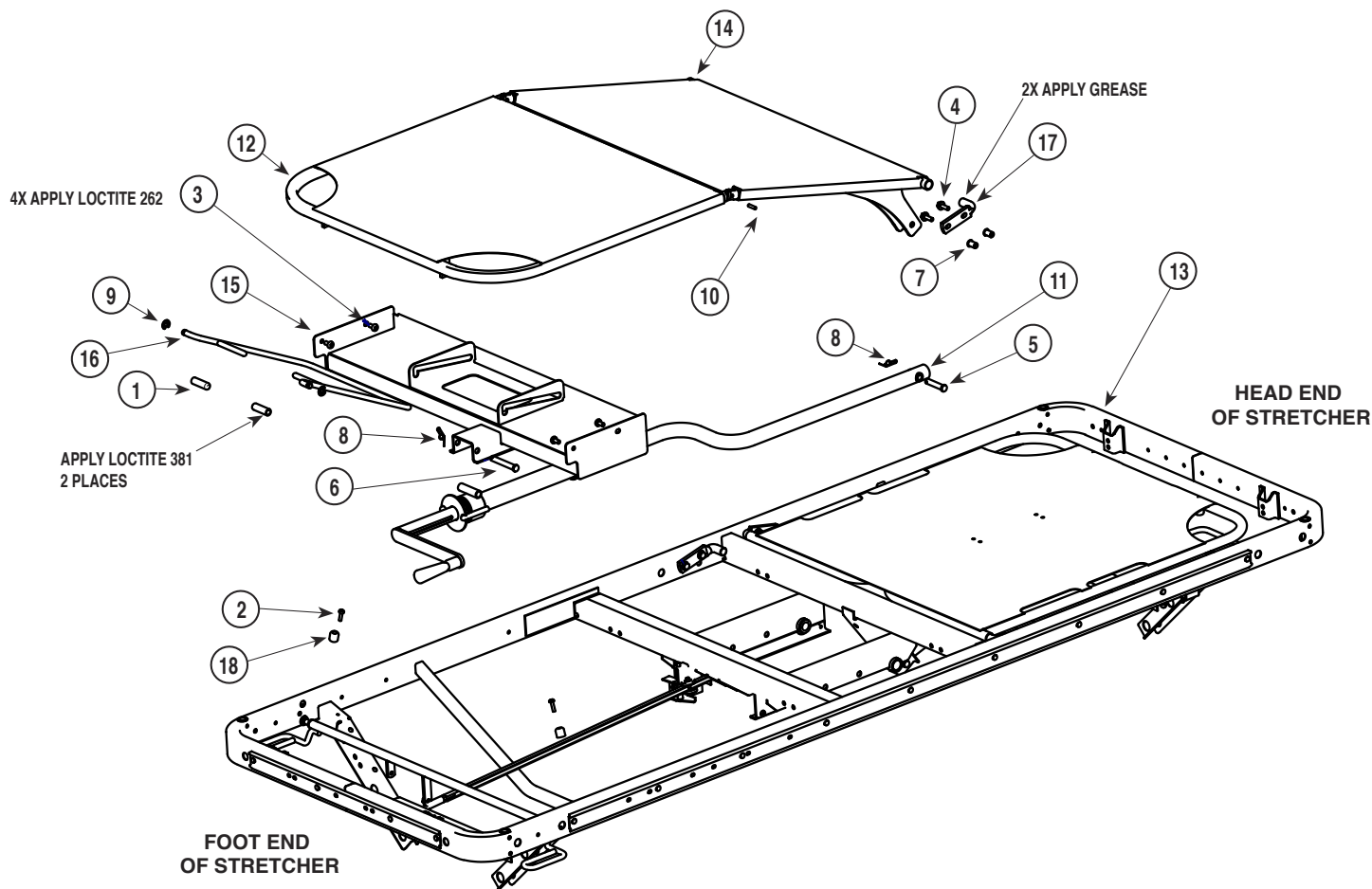


Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	550-1007-10	Full Skin (Narrow)	1	5		Litter Frame (Refer to "Litter Frame Assembly" Elsewhere)	1
	550-1007-11	Full Skin (Wide)	1	6		Fowler Components (Refer to "Fowler Components" or "Partial X-Ray Fowler Components" Elsewhere)	Ref
2	042-0010-23	Rivet	12				
3	550-0309-10	Skin Support (Narrow)	2				
	550-0309-11	Skin Support (Wide)	2				
4	040-0250-83	Screw	4				

Always Specify Model & Serial Number

Knee Flex Litter Top

SECTION V PARTS LIST



TORQUE LEGEND

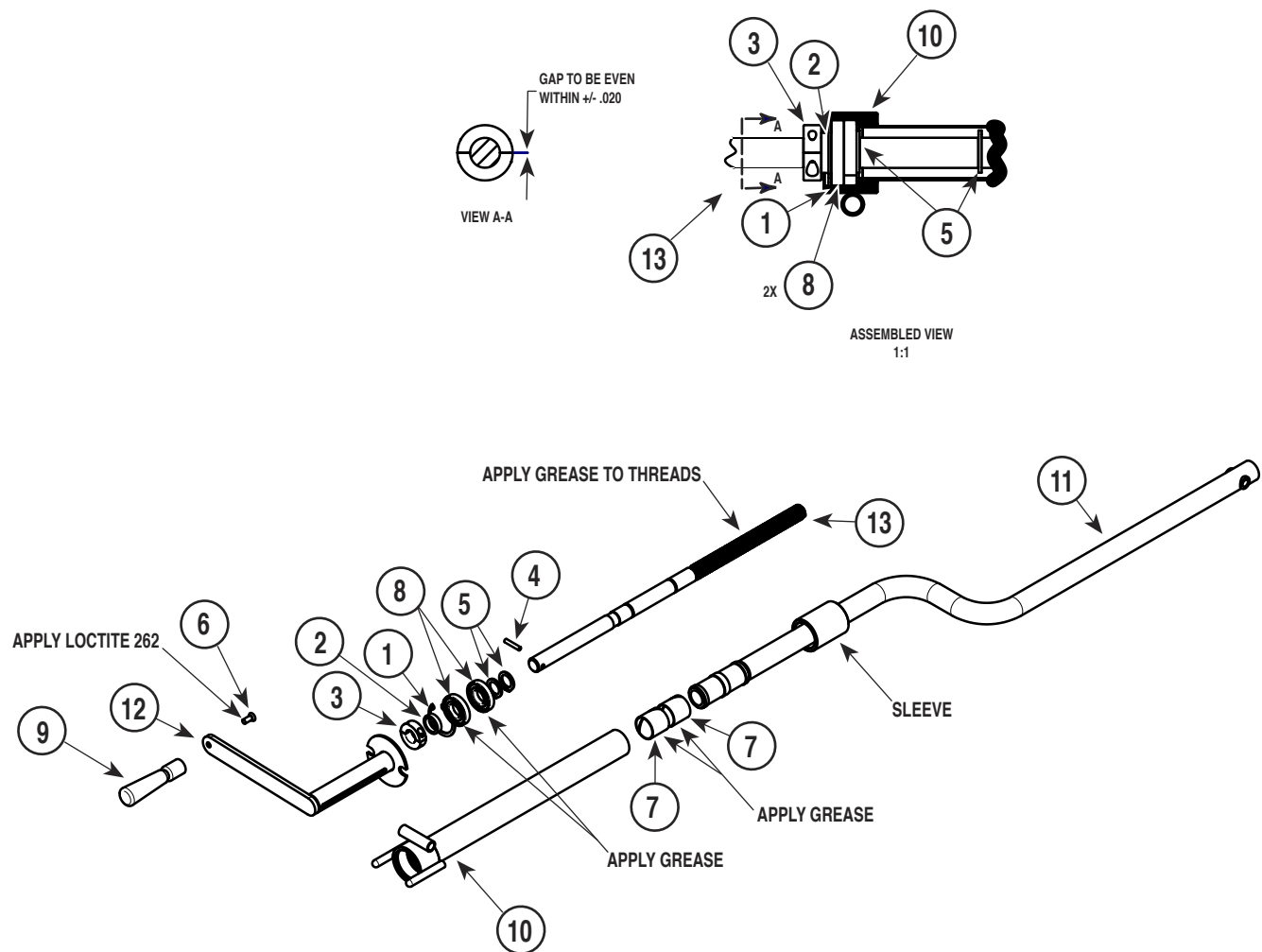
ITEM #	TORQUE
4	10 FT-LBS 13.6 N-M

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	016-0816-00	Cap.....	2	13		Litter Frame (Refer to "Litter Frame Assembly" Elsewhere)	1
2	040-0010-07	Self Tap	4	14	530-1552-20	Thigh Section Wide	1
3	040-0250-83	Screw	4		530-1553-10	Thigh Section Narrow	1
4	040-0250-95	Flange Bolt	8	15	530-1555-10	Knee Flex Shelf - Wide	1
5	042-0005-05	Clevis Pin	1		530-1554-10	Knee Flex Shelf - Narrow	1
6	042-0005-10	Clevis Pin	1	16	530-1563-02	Bail Rod Wide	1
7	042-0045-06	Nutsert	8		530-1563-00	Bail Rod Narrow	1
8	042-0063-00	Rue Ring	2	17	551-0700-10	Fowler Hinge	4
9	042-0065-01	Klip Ring	2	18	553-0065-01	Recess Bumper	4
10	042-0067-02	Pin	2				
11	529-0881-00	Knee Flex Crank Assembly	1				
12	530-0405-11	Foot Section Wide	1				
	530-0405-10	Foot Section Narrow	1				

Always Specify Model & Serial Number

Knee Flex Crank Assembly

SECTION V PARTS LIST



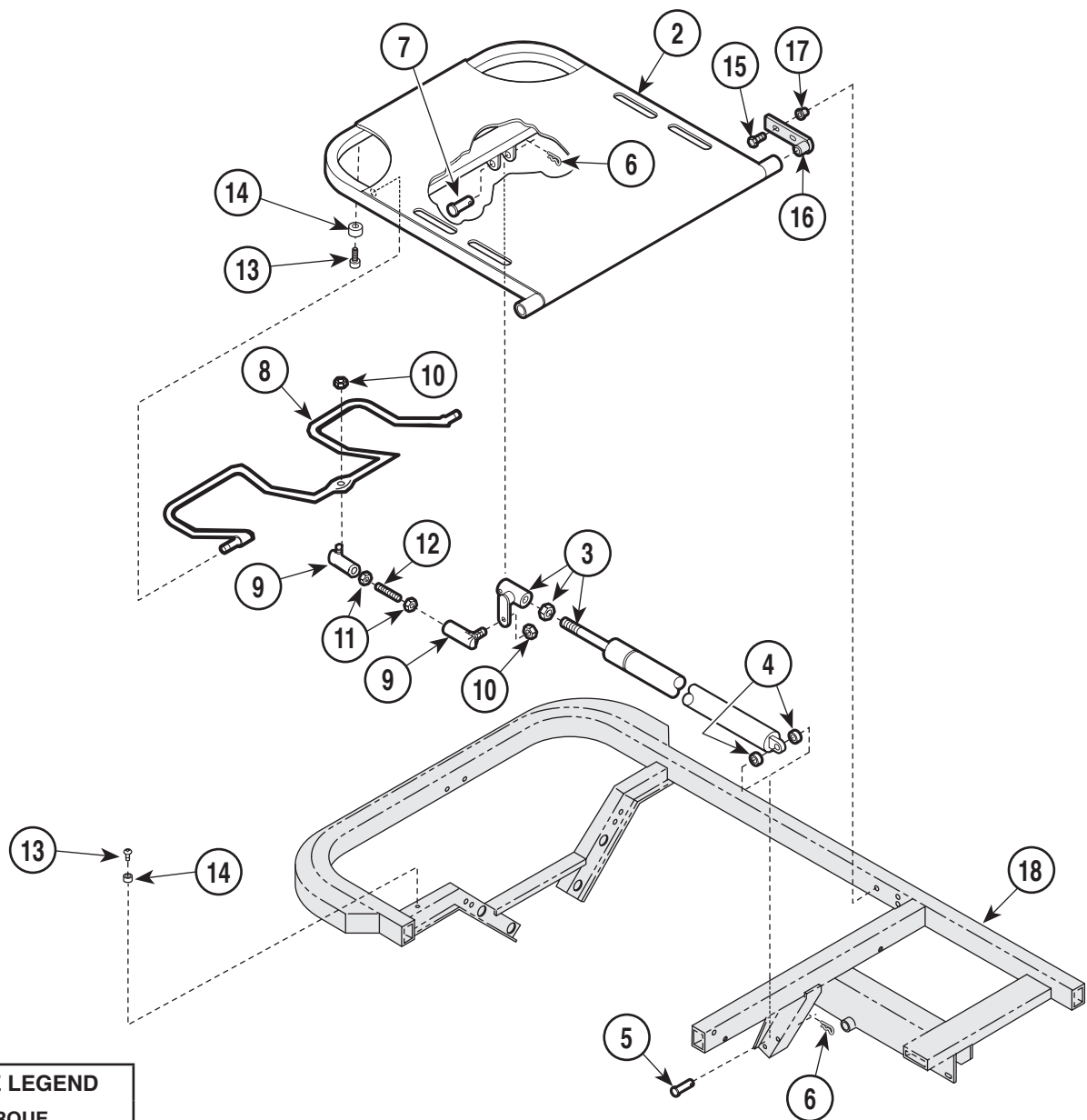
TORQUE LEGEND	
ITEM #	TORQUE
3	50 - 65 IN-LBS 5.6 - 7.3 N-M

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
	529-0881-00	Knee-Flex Crank Assembly (Includes Items 1 thru 13)	1	7	• 053-0250-01	• Nyliner Bushing	2
1	• 016-0299-02	• Internal Retaining Ring	1	8	• 516-0012-00	• Ball Bearing	2
2	• 016-0808-00	• Spacer	1	9	• 516-0041-00	• Knee Flex Crank Assembly	1
3	• 016-0815-00	• Shaft Collar	1	10	• 530-1556-00	• Outer Tube Weldment	1
4	• 042-0043-06	• Groove Pin	1	11	• 530-1561-00	• Inner Tube	1
5	• 042-0056-03	• External Retaining Ring	2	12	• 530-1565-00	• Crank Weldment	1
6	• 042-0062-04	• Screw	1	13	• 557-0126-10	• Shaft	1

Always Specify Model & Serial Number

Fowler Components

SECTION V PARTS LIST



TORQUE LEGEND

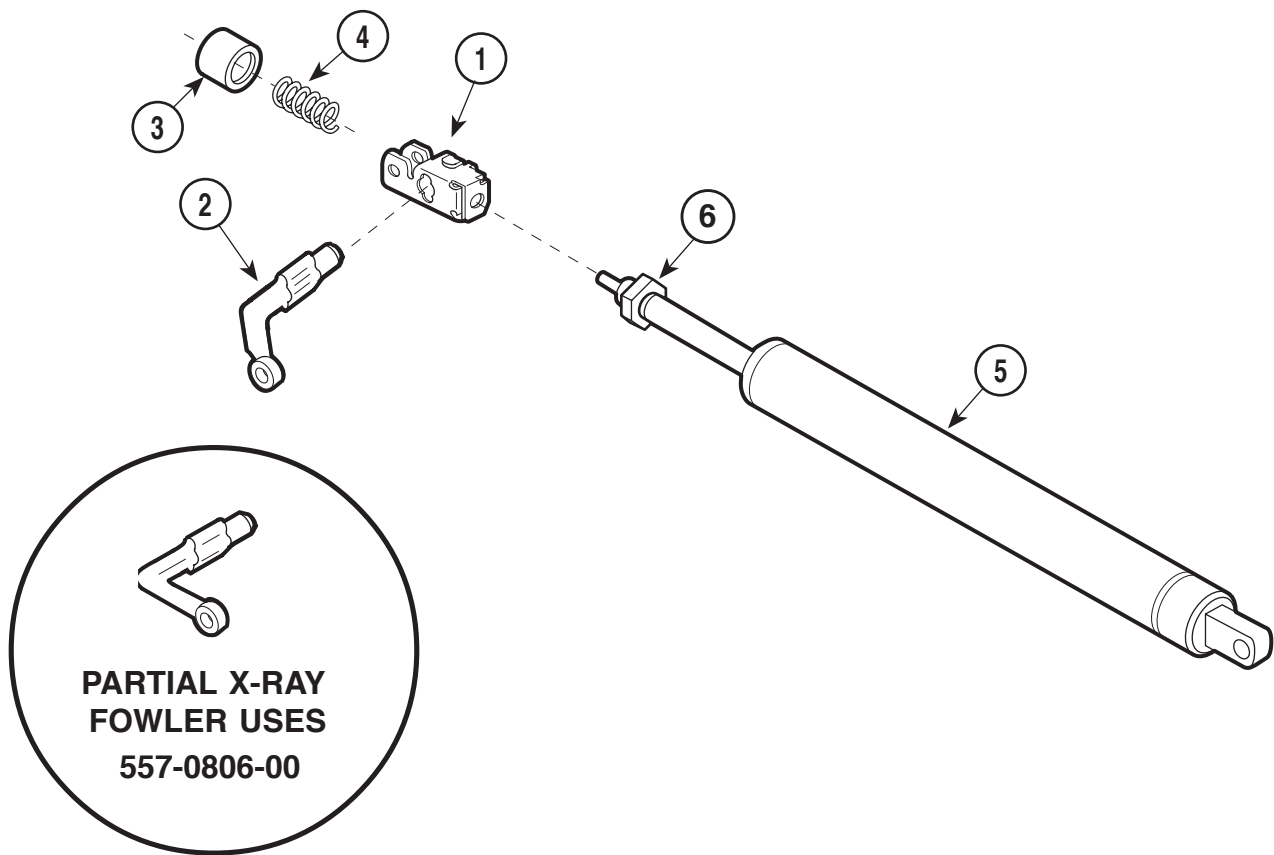
ITEM #	TORQUE
15	120 - 140 IN-LBS 13.6 - 15.8 N-M

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1		Pneumatic Fowler Option (Narrow) (Includes Items 2 thru 20)	1		• 557-0873-01	• Fowler Handle Weldment (Wide)	1
		Pneumatic Fowler Option (Wide) (Includes Items 2 thru 20) 1		9	• 516-0007-00	• Ball Joint	2
2	• 530-1045-10	• Fowler Weldment (Narrow)	1	10	• 041-0250-08	• Nut	2
	• 530-1045-11	• Fowler Weldment (Wide)	1	11	• 041-0250-07	• Nut	2
3	•	• Fowler Actuator (Refer to "Fowler Actuator Assembly" Elsewhere)	1	12	• 040-0250-146	• Hex Socket Set Screw	1
4	• 553-0106-01	• Elastomer Spring	2	13	040-0010-07	Screw	4
5	• 042-0005-04	• Clevis Pin	1	14	553-0065-01	Recess Bumper	4
6	• 042-0063-00	• Rue Ring Cotter	2	15	040-0250-95	Screw	4
7		• Clevis Pin	1	16	551-0700-10	Hinge	2
8	• 557-0873-00	• Fowler Handle Weldment (Narrow)	1	17	042-0045-06	Nutsert	4
				18		Litter Frame (Refer to "Litter Frame Assembly" Elsewhere)	Ref

Always Specify Model & Serial Number

Fowler Actuator Assembly

SECTION V PARTS LIST



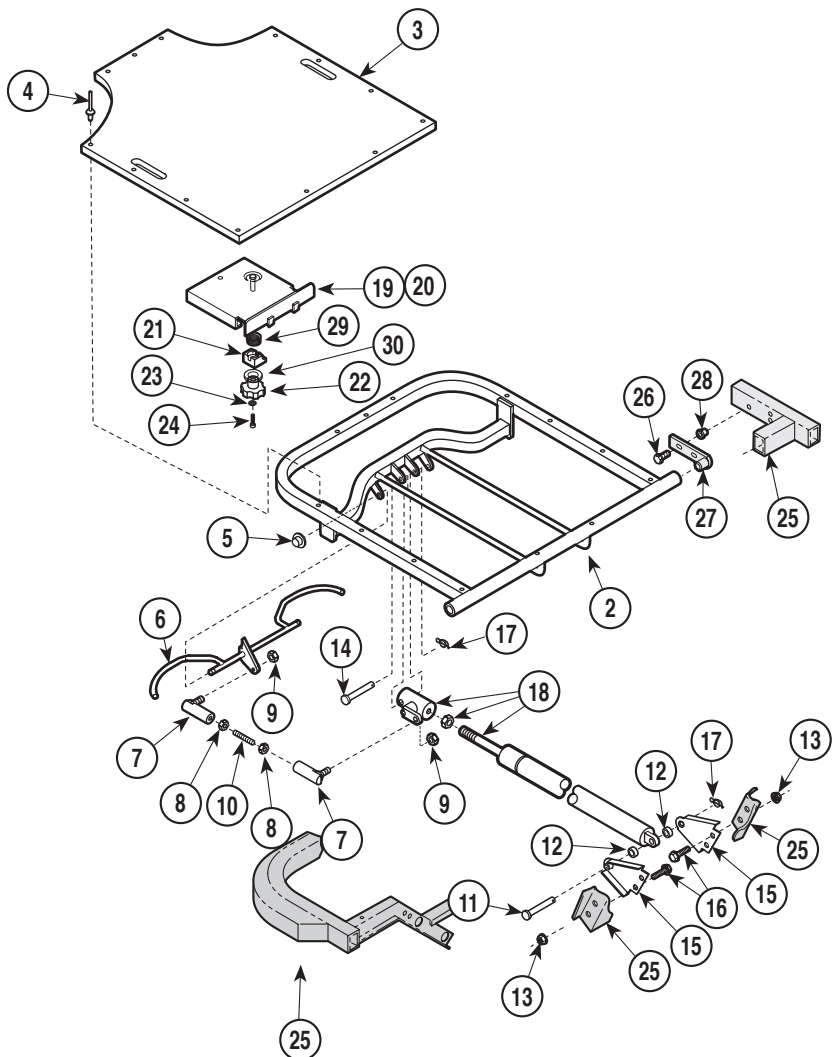
TORQUE LEGEND	
ITEM #	TORQUE
6	12 - 17 FT-LBS 16.3 - 23.1 N-M

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
	529-0647-00	Fowler Actuator Assembly		3	• 553-0448-00	• Piston	1
	529-0647-02	X-Ray Fowler Actuator Assembly	1	4	• 525-0001-00	• Spring	1
1	• 550-0841-00	• Actuator Body	1	5	516-0100-09	Fowler Gas Spring (600N.....	1
2	• 557-0806-02	• Fowler Actuator		6	•	• Nut	1
	• 557-0806-00	• X-Ray Fowler Actuator	1				

Always Specify Model & Serial Number

Partial X-Ray Fowler Components

SECTION V PARTS LIST



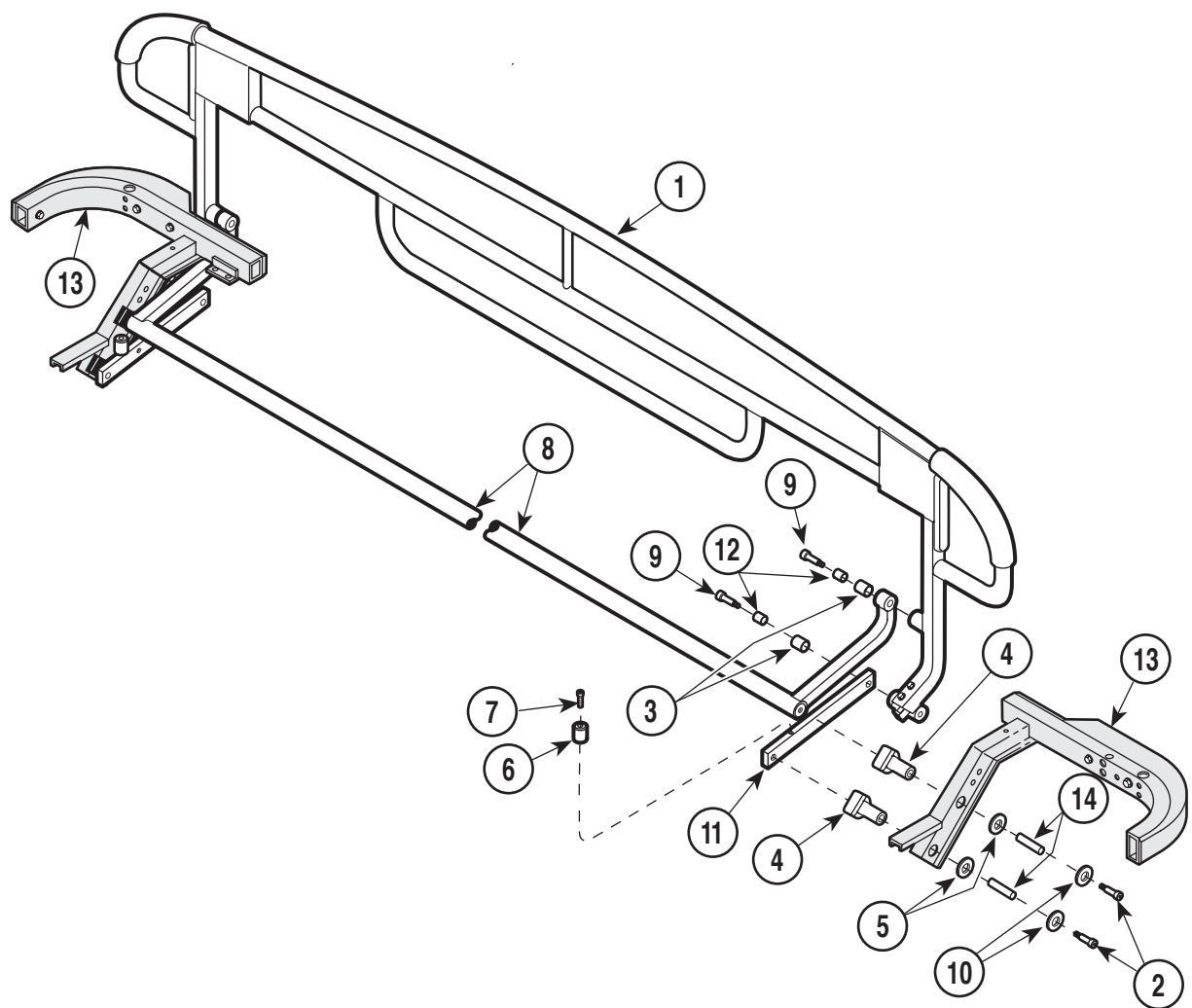
TORQUE LEGEND	
ITEM #	TORQUE
15	120 - 140 IN-LBS 13.6 - 15.8 N-M

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	59176001	Partial X-Ray Fowler [Narrow] (Includes Items 2 thru 25)	1	14	• 042-0005-05	• Clevis Pin	1
	59177001	Partial X-Ray Fowler [Wide] (Includes Items 2 thru 25)	1	15	• 550-0695-10	• Cylinder Bracket	2
2	• 530-1054-10	• Fowler Frame (Narrow)	1	16	• 040-0375-00	• Screws	4
	• 530-1054-11	• Fowler Frame (Wide)	1	17	• 040-0063-00	• Rue Ring	2
3	• 553-0290-00	• Fowler Top (Narrow)	1	18	•	• Fowler Actuator (Refer to "Fowler Actuator Assembly" Elsewhere)	Ref
	• 553-0290-01	• Fowler Top (Wide)	1	19	• 530-0812-10	• Plate Assembly Slide	1
4	• 042-0010-22	• Pop Rivet	13	20	• 053-0018-00	• Nylon Tape	30
5	• 904190	• Pushnut	2	21	• 551-0658-10	• Clamp	1
6	• 530-0781-02	• Fowler Handle (Narrow)	1	22	• 516-0059-00	• Clamping Knob	1
	• 530-0781-03	• Fowler Handle (Wide)	1	23	• 045-0001-87	• Washer	1
7	• 516-0007-00	• Ball Joint	2	24	• 040-0010-80	• Screw	1
8	• 041-0250-07	• Nut	2	25		Litter Frame (Refer to "Litter Frame Assembly" Elsewhere)	Ref
9	• 041-0250-08	• Nut	2	26	040-0250-88	Screw	4
10	• 040-0250-102	• Set Screw	1	27	551-0700-00	Hinge	2
11	• 042-0005-04	• Clevis Pin	1	28	042-0045-06	Nutsert	4
12	• 553-0106-01	• Elastomer Spring	2	29	525-0001-00	Spring	1
13	• 041-0375-10	• Nut	4	30	553-0024-00	Spacer	1

Always Specify Model & Serial Number

Siderail and Linkage Components

SECTION V PARTS LIST



Note: Quantities listed are per side.

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1		Siderail Assembly (Refer to "Siderail Component" Elsewhere)	Ref	8	530-1042-10	Upper Link (w/ Latch Holes)	1
2	040-0375-64	Shoulder Screw	4	9	040-0375-70	Shoulder Screw	4
3	016-0076-00	Bushing	4	10	045-0001-01	Washer	4
4	553-0103-00	Male Pivot Bearing	4	11	550-0989-10	Lower Link	2
5	553-0104-00	Pivot Bearing Spacer	3	12	551-0699-00	Spacer	4
6	553-0529-00	Bumper	4	13		Litter Frame (Refer to "Litter Frame Assembly" Elsewhere)	Ref
7	040-0008-79	Screw	4	14	551-0698-00	Spacer	4

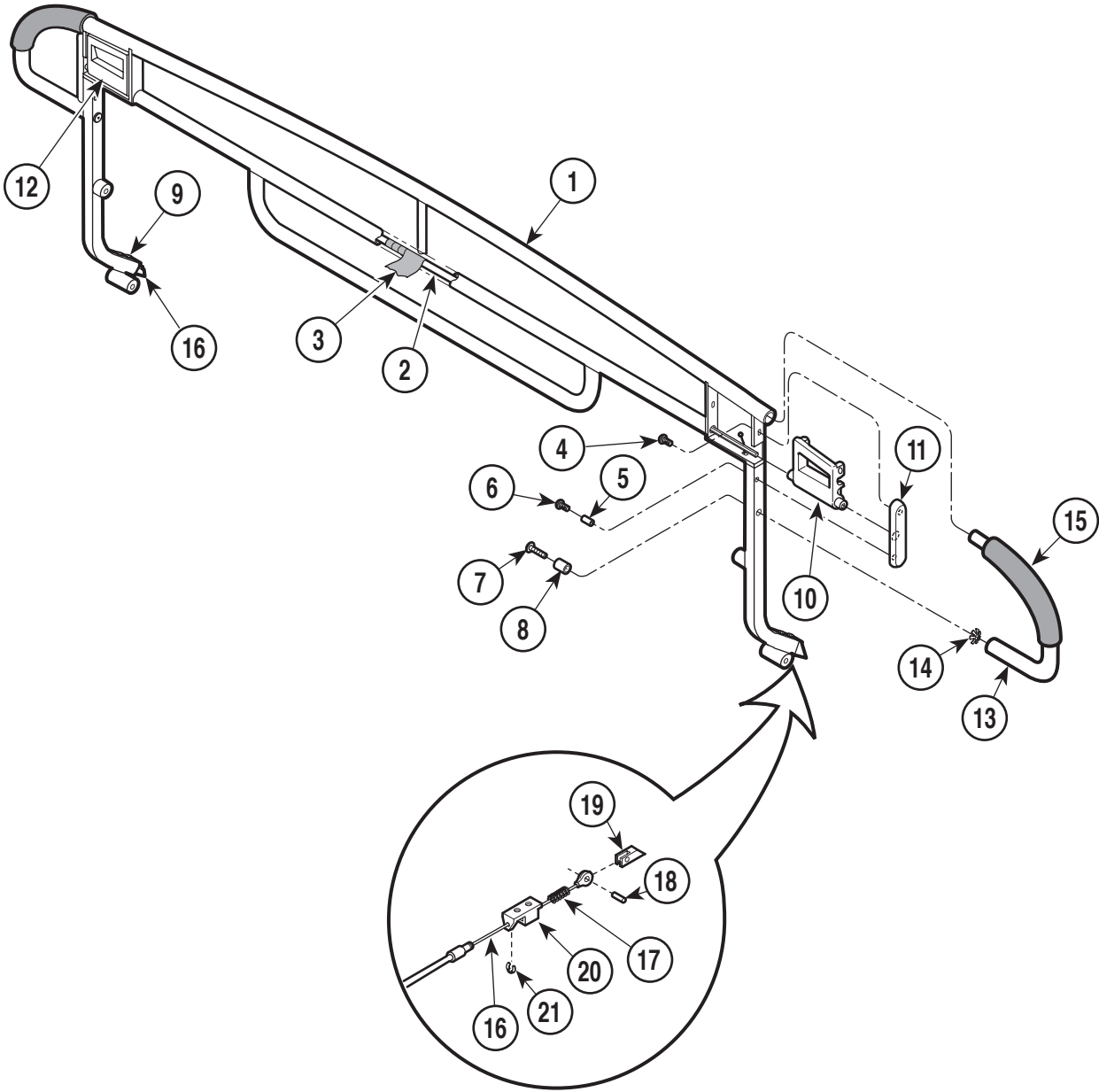
Always Specify Model & Serial Number

Siderail Components

750N / 750W

SECTION V

PARTS LIST



Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
	• 502-0181-00	Siderail Kit R.H.		11	553-0419-00	Endcap RH	1
	502-0181-01	Siderail Kit L.H.			553-0420-00	Endcap LH	1
1	530-1518-00	Siderail	1	12	553-0338-00	Siderail Handle (L.H.)	1
2	529-0526-01	Release Shaft Assembly	1	13	552-0877-00	End Tube	2
3	050-0006-00	Duct Tape	AR	14	042-0085-01	Tube Connector	2
4	040-0010-109	Screw	2	15	553-0466-00	Hand Grip	2
5	016-0138-16	Spacer	2	16	516-0300-00	Siderail Cable Assembly	1
6	040-0010-116	Screw	2	17	101191	Spring	1
7	042-0059-07	Screw	2	18	042-0001-15	Roll Pin	1
8	016-0138-17	Spacer	2	19	520-0004-00	Lockout Bolt	1
9	040-0010-117	Screw	2	20	520-0003-00	Lockout Body	1
10	553-0337-00	Siderail Handle	1	21	042-0065-00	Klipring	1

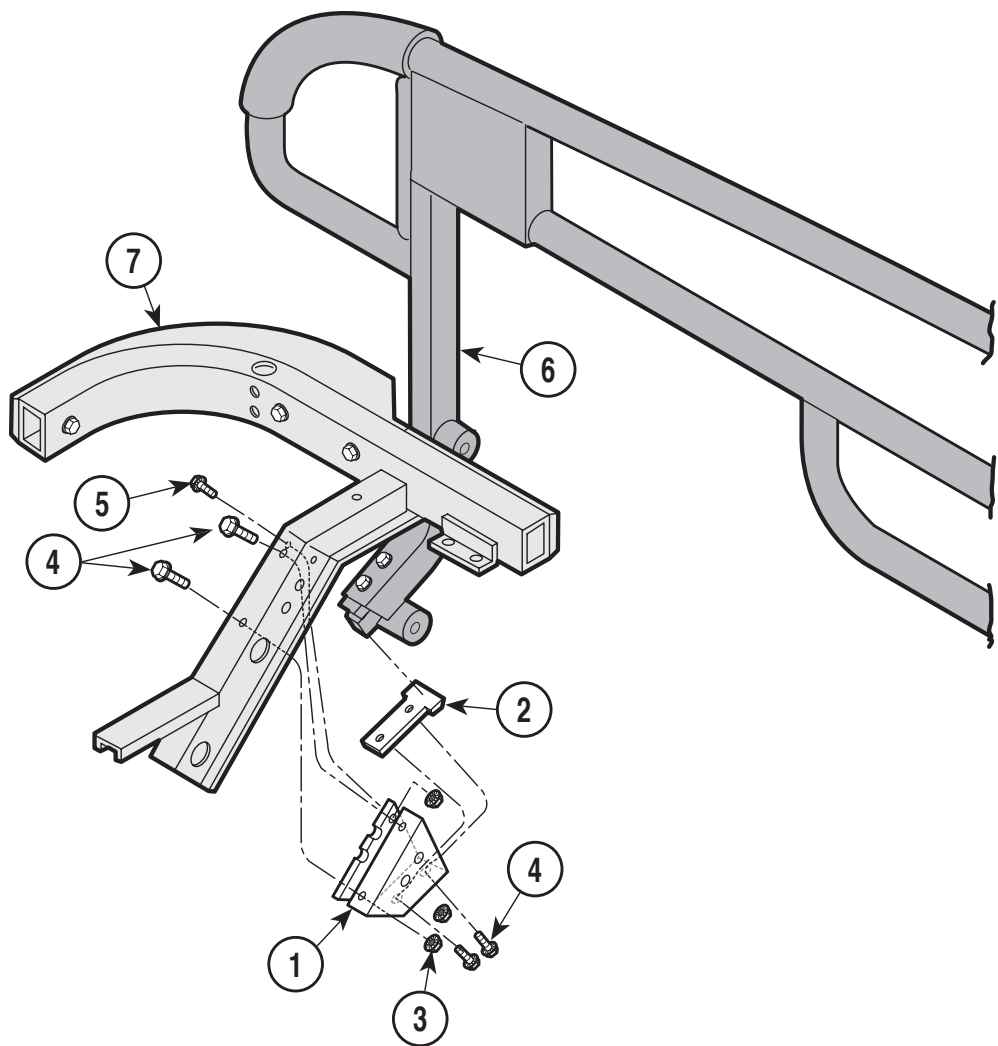
Always Specify Model & Serial Number

Siderail Latch Components

750N / 750W

SECTION V

PARTS LIST

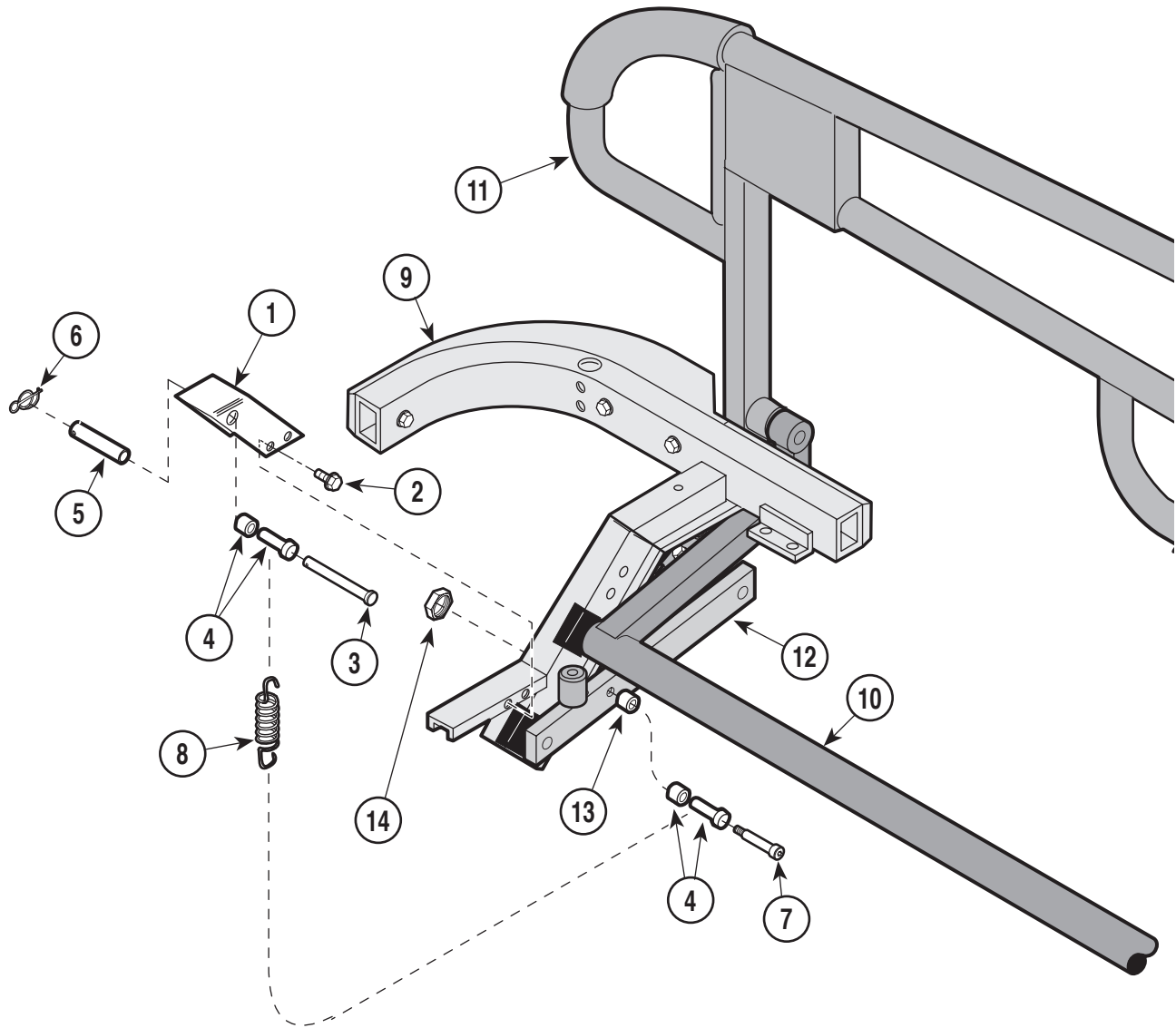


Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	550-0843-10	Strike Plate Bracket	1	6		Siderail (Refer to "Siderail Components"	
2	551-0582-00	Strike Plate	1			Elsewhere)	Ref
3	041-0250-13	Nut	3	7		Litter Frame (Refer to "Litter Frame	
4	040-0250-88	Screw	4			Assembly" Elsewhere)	Ref
5	040-0250-68	Screw	1				

Always Specify Model & Serial Number

Siderail Counter Balance Components 750N / 750W

SECTION V PARTS LIST

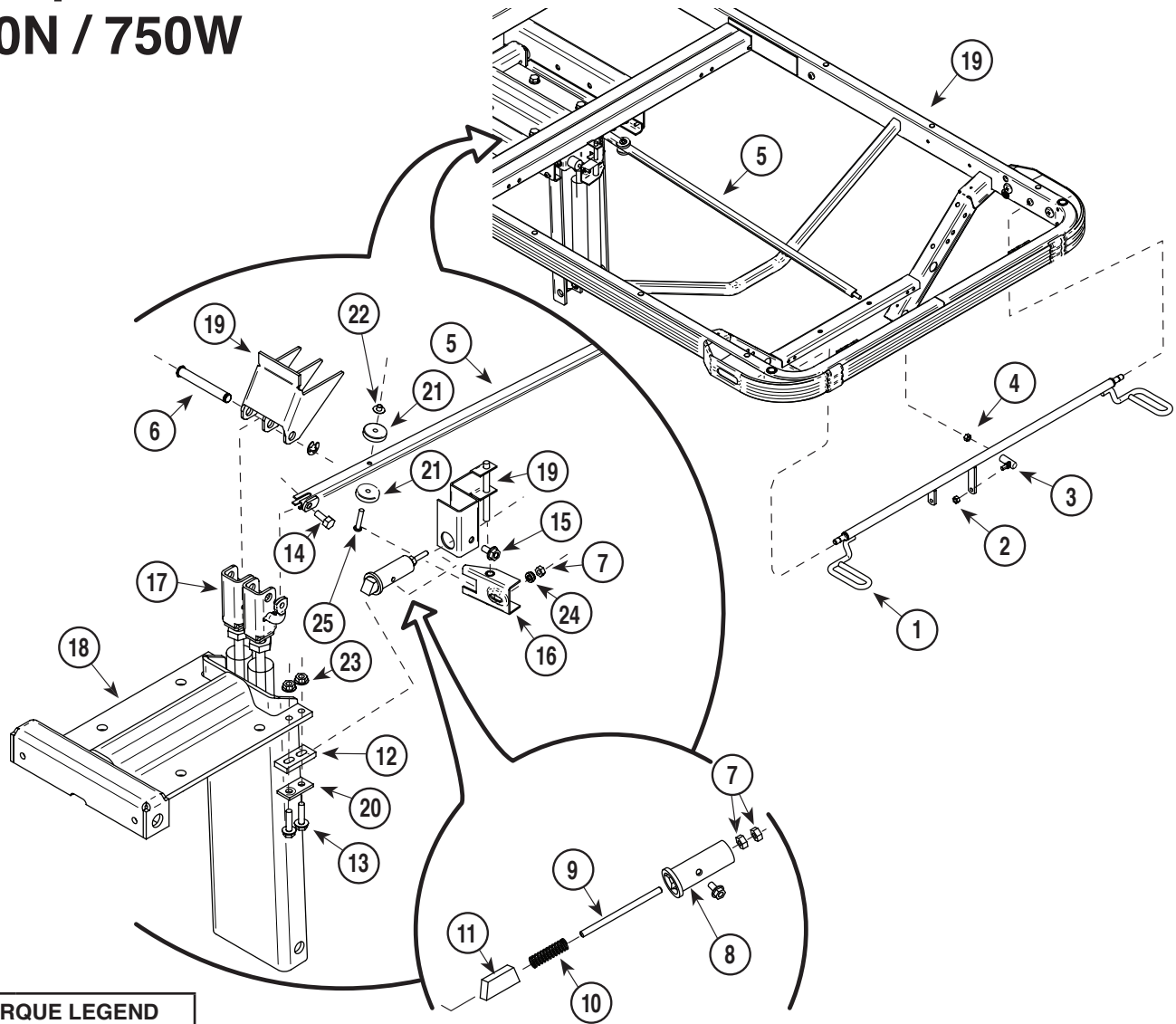


Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
		Siderail Counter Balance		9		Litter (Refer to "Litter and Base Components" Elsewhere)	Ref
1	• 550-0974-10	•Spring Channel R.H.	1	10		Upper Link (Refer to "Siderail Linkage Components" Elsewhere)	Ref
	• 550-0974-11	•Spring Channel L.H.	1	11		Siderail Assembly (Refer to "Siderail Components" Elsewhere)	Ref
2	• 040-0250-68	• Screw	8			Components" Elsewhere)	Ref
3	• 042-0602-16	• Clevis Pin	2	12		Lower Link (Refer to "Siderail Linkage Components" Elsewhere)	Ref
4	• 553-0455-00	• Spring Roller (male)	4	13	553-0417-02	Spacer	2
	• 553-0456-00	• Spring Roller (female)	4	14	041-0250-13	Nut	1
5	• 557-0866-00	• Pin Sleeve	2				
6	• 042-0063-02	• Rue Ring	2				
7	• 042-0014-42	• Shoulder Screw	2				
8	• 525-0013-00	• Spring	2				

Always Specify Model & Serial Number

Trendelenburg Handle Components 750N / 750W

SECTION V PARTS LIST



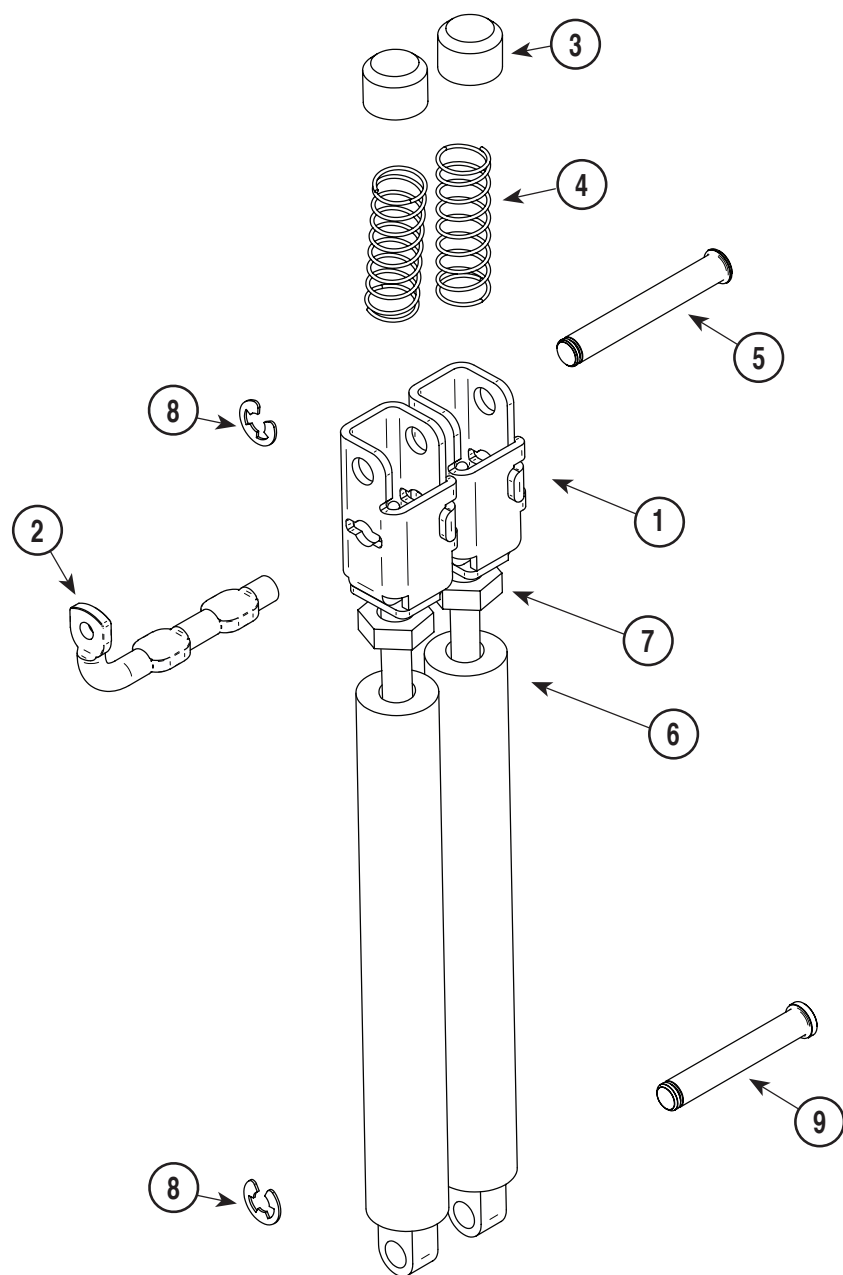
TORQUE LEGEND	
ITEM #	TORQUE
13	10 FT-LBS 13.6 N-M

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	530-0947-00	Trend Handle (Narrow)	1	15	040-0250-70	Screw	1
	530-0947-01	Trend Handle (Wide)	1	16	530-1061-00	Swivel Weldment	1
2	041-0250-08	Nylock Nut	1	17		Trendelenburg Actuator (Refer to "Trendelenburg Actuator Component" Elsewhere)	Ref
3	516-0007-00	Ball Joint	1	18		Pivot Plate (Refer to "Chassis Components" Elsewhere)	Ref
4	041-0250-07	Jam Nut	1	19		Litter Frame (Refer to "Litter Frame Assembly" Elsewhere)	Ref
5	530-1063-10	Trend Handle Link Rod	1	20	551-0015-04	Backing Plate	1
6	042-0612-02	Pin	1	21	553-0431-00	Roller	2
7	041-0010-02	Nylock Nut	3	22	041-0009-00	Push Nut	1
8	530-0088-00	Broached Sleeve	1	23	041-0250-13	Nut	3
9	557-0881-00	Trend Thd. Rod	1	24	529-0878-00	Washer Set	1
10	101191	Latch Bolt Spring	1	25	042-0602-18	Pin	1
11	551-0044-00	Latch Bolt	1				
12	551-0015-02	Strike Plate	1				
13	040-0250-89	Screw	2				
14	040-0250-145	Screw	1				

Always Specify Model & Serial Number

Trendelenburg Actuator Components

SECTION V PARTS LIST



TORQUE LEGEND	
ITEM #	TORQUE
7	12 - 17 FT-LBS 16.3 - 23.1 N-M

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
	529-0870-00	Trend Actuator Assembly (Includes Items 1 thru 4)	1	5	042-0612-02	Clevis Pin	1
1	• 550-0841-03	• Trend Actuator Body	2	6	516-0502-00	Gas Spring (Includes Items 7)	2
2	• 557-0806-04	• Trend Actuator	1	7	•	• Nut	2
3	• 553-0448-00	• Piston	2	8	042-0007-00	E-ring	2
4	• 525-0001-00	• Spring	2	9	042-0612-01	Clevis Pin	1

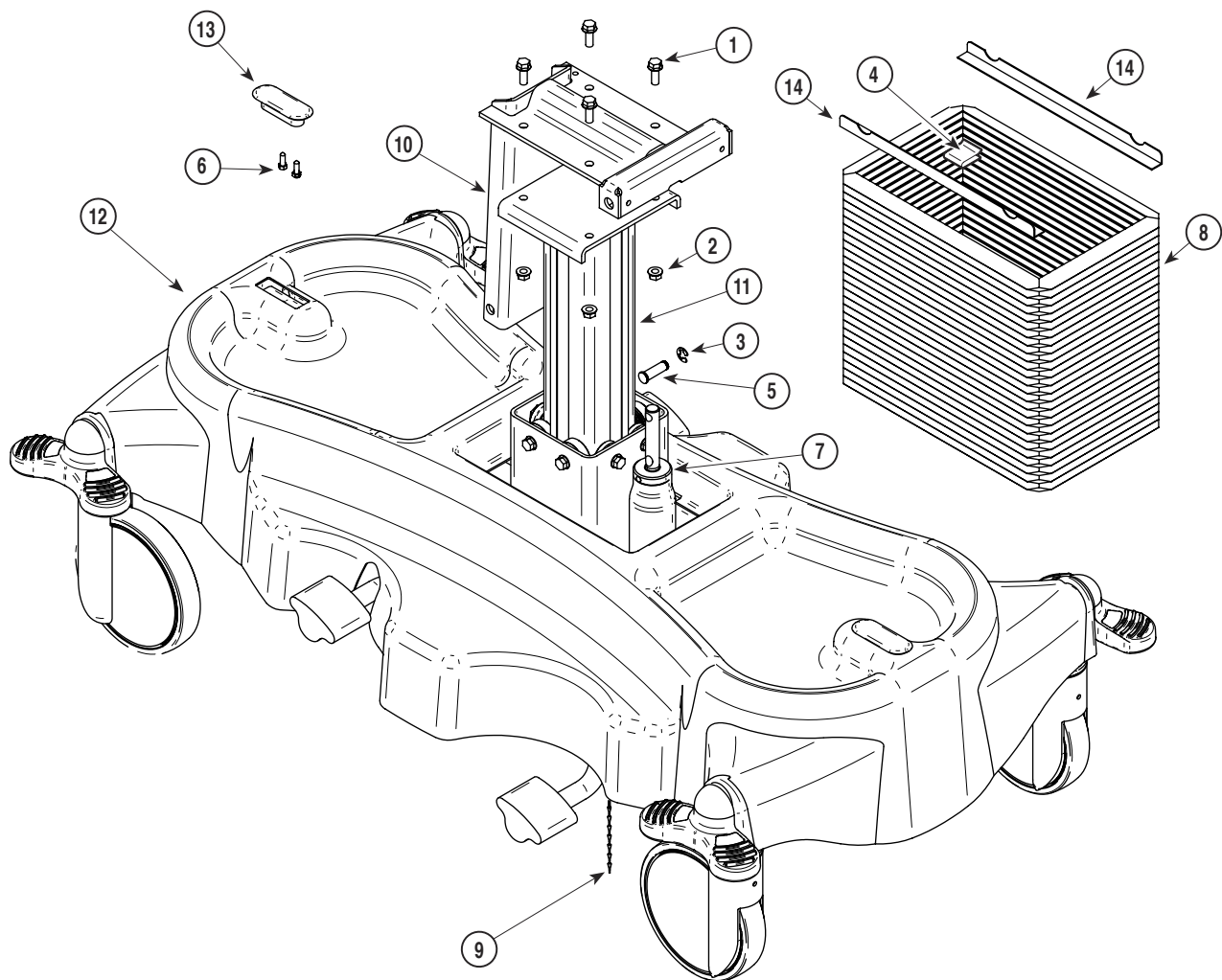
Always Specify Model & Serial Number

Chassis Components

750N/750W

SECTION V

PARTS LIST



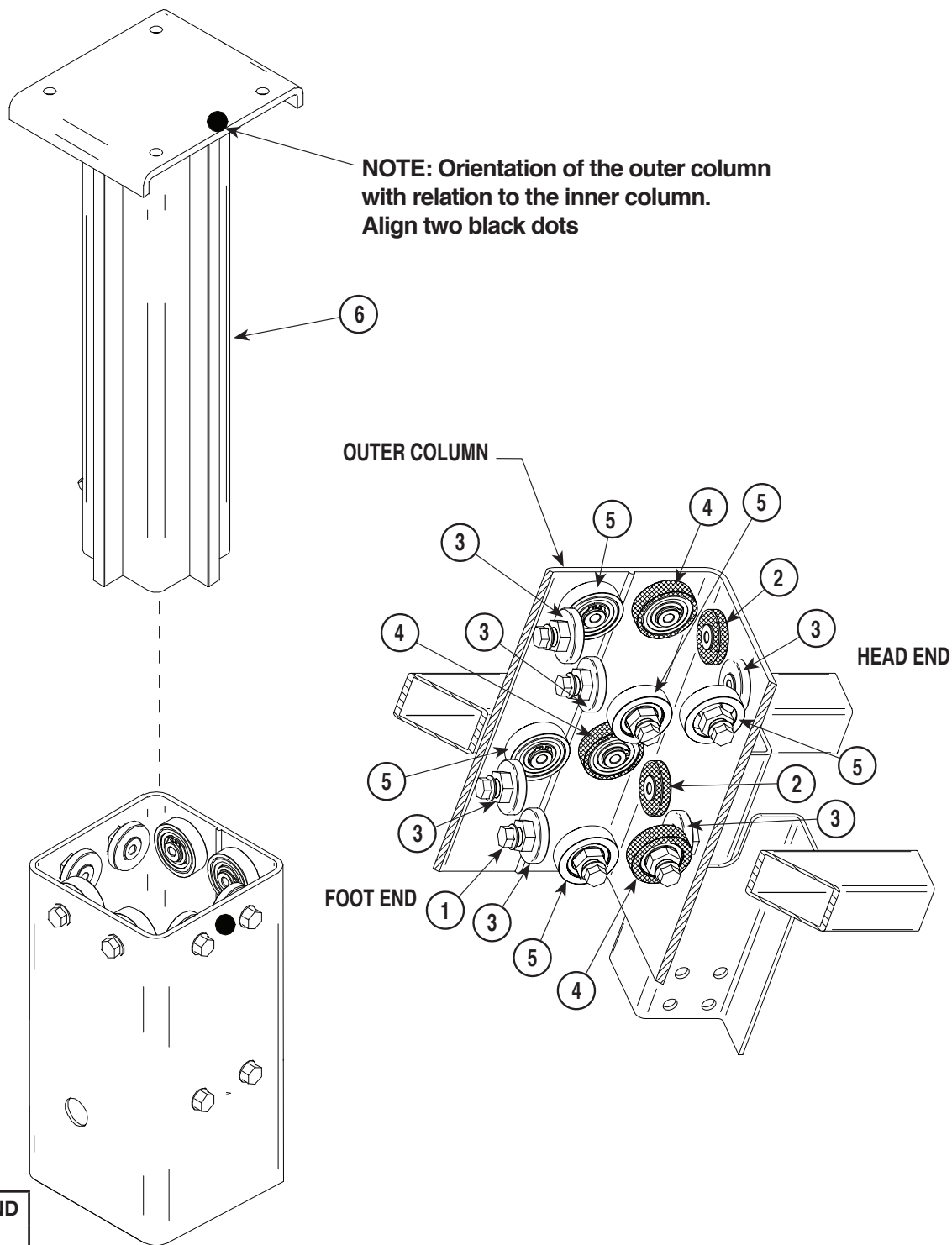
TORQUE LEGEND	
ITEM #	TORQUE
1	36 FT-LBS 48.8 N-M

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	040-0375-38	Screw	4	8	516-0494-00	Column Bellows	1
2	041-0375-10	Nut	4	9	529-0180-03	Ground Chain Assembly	1
3	042-0007-09	E-ring	1	10	530-1529-00	Pivot Plate Weldment	1
4	042-0071-00	Clip	4	11	530-1548-00	Inner Column Weldment	1
5	042-0612-03	Pin	1	12	553-0629-00	Cowling	1
6	1916-00069	Screw	4	13	553-0633-00	Low Height Bumper	2
7		Refer to Hydraulic Lift Components	1	14	550-1644-00	Bellows Bracket	2

Always Specify Model & Serial Number

Elevation Column Assembly

SECTION V PARTS LIST



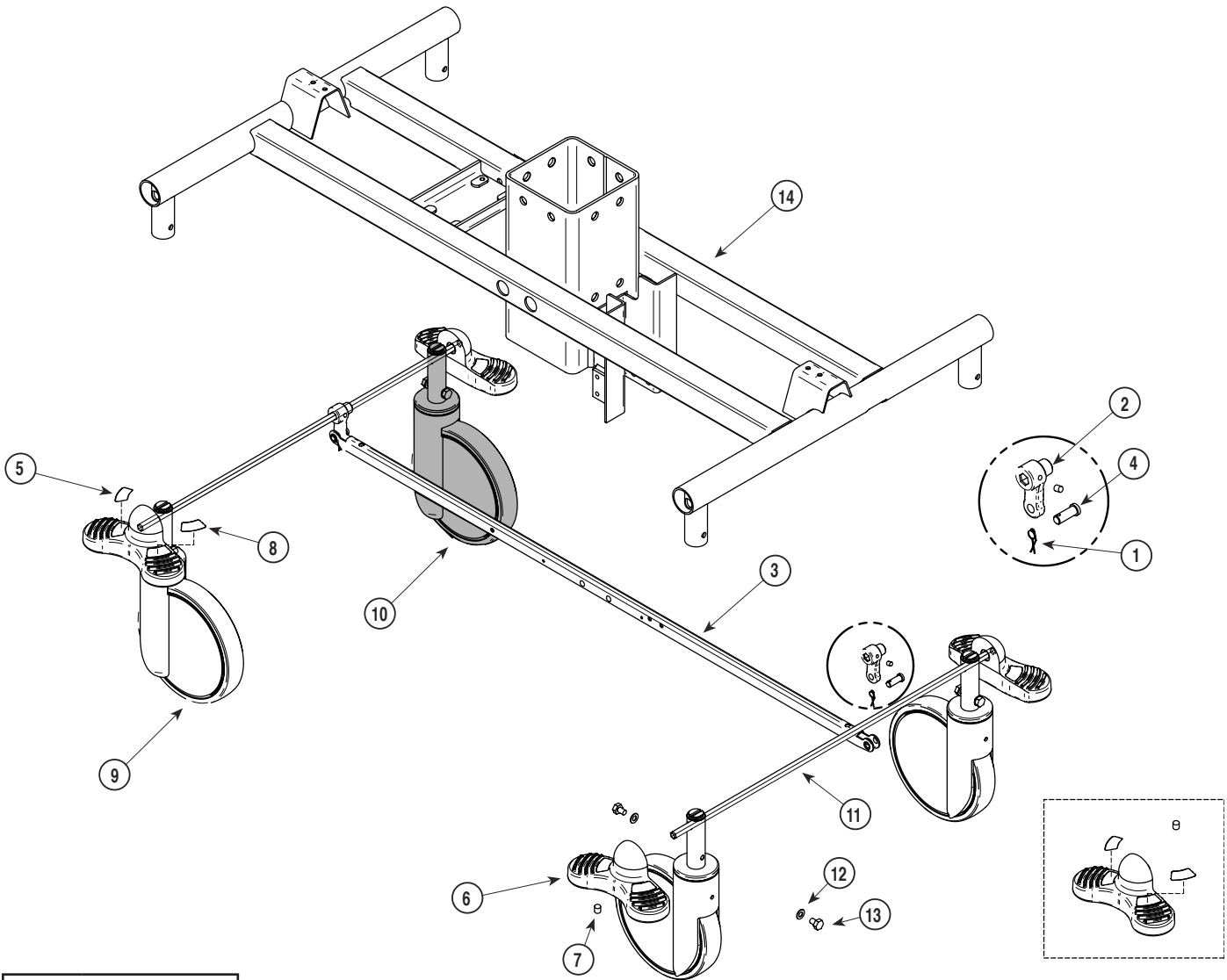
TORQUE LEGEND	
ITEM #	TORQUE
1	36 FT-LBS 48.8 N-M

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	040-0375-00	Bolt	16	4	529-0867-00	Bearing, Wide Concentric Spindle, and Tire Assembly	3
2	529-0865-00	Bearing & Narrow Concentric Spindle Assembly	2	5	529-0868-00	Bearing, Wide Eccentric Spindle, and Tire Assembly	5
3	529-0866-00	Bearing & Narrow Eccentric Spindle Assembly	6	6	530-1548-00	Inner Column	1

Always Specify Model & Serial Number

Caster Linkage Components

SECTION V PARTS LIST



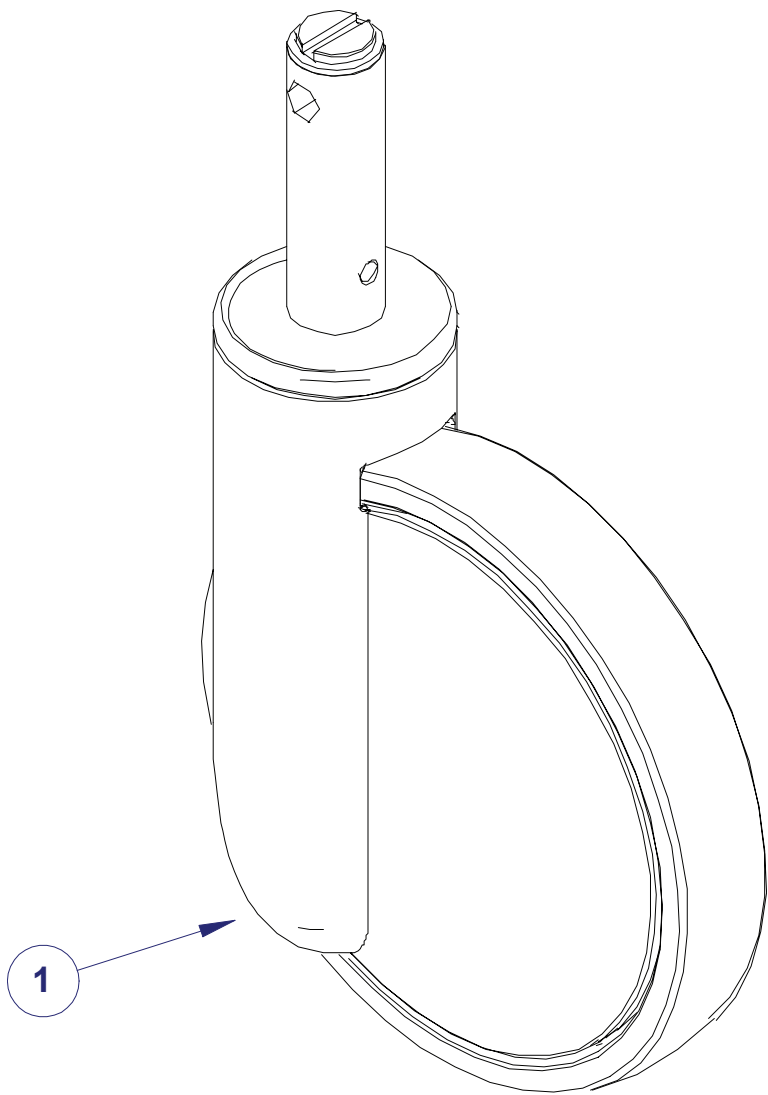
TORQUE LEGEND	
ITEM #	TORQUE
7	10 - 15 FT-LBS 13.6 - 20.3 N-M
13	25 - 30 FT-LBS 33.9 - 40.7 N-M

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	042-0063-00	Rue Ring	2	10		Caster Assembly- Steer (Refer to "Caster Assembly" Elsewhere)	Ref
2	529-0879-00	Transfer Link , Includes Set Screw				Caster Assembly - Brake (Used with Fifth Wheel Option. Refer to "Caster Assembly" Elsewhere)	Ref
3	550-0918-00	Transfer Channel	1	11	551-0020-06	Actuator Bar	2
	530-1547-00	Transfer Channel (Fifth Wheel)	1	12	045-0001-59	Washer	8
4	042-0602-22	Clevis Pin	2	13	042-0081-00	Screw	8
5	561-0422-00	Brake Label	4	14		Chassis Weldment	Ref
6	553-0632-00	Caster Control Pedal - R.H. (order Caster Control Pedal Kit)	2	15	529-0869-00	Caster Control Pedal Kit:	
7	040-0312-56	Screw	4			1 Steer Label, 1 Brake Label, 1 Caster Control Pedal, and 1 Set Screw	
8	561-0423-00	Steer Label	4				
9		Caster Assembly - Brake (Refer to "Caster Assembly" Elsewhere)	3				

Always Specify Model & Serial Number

Caster Assembly

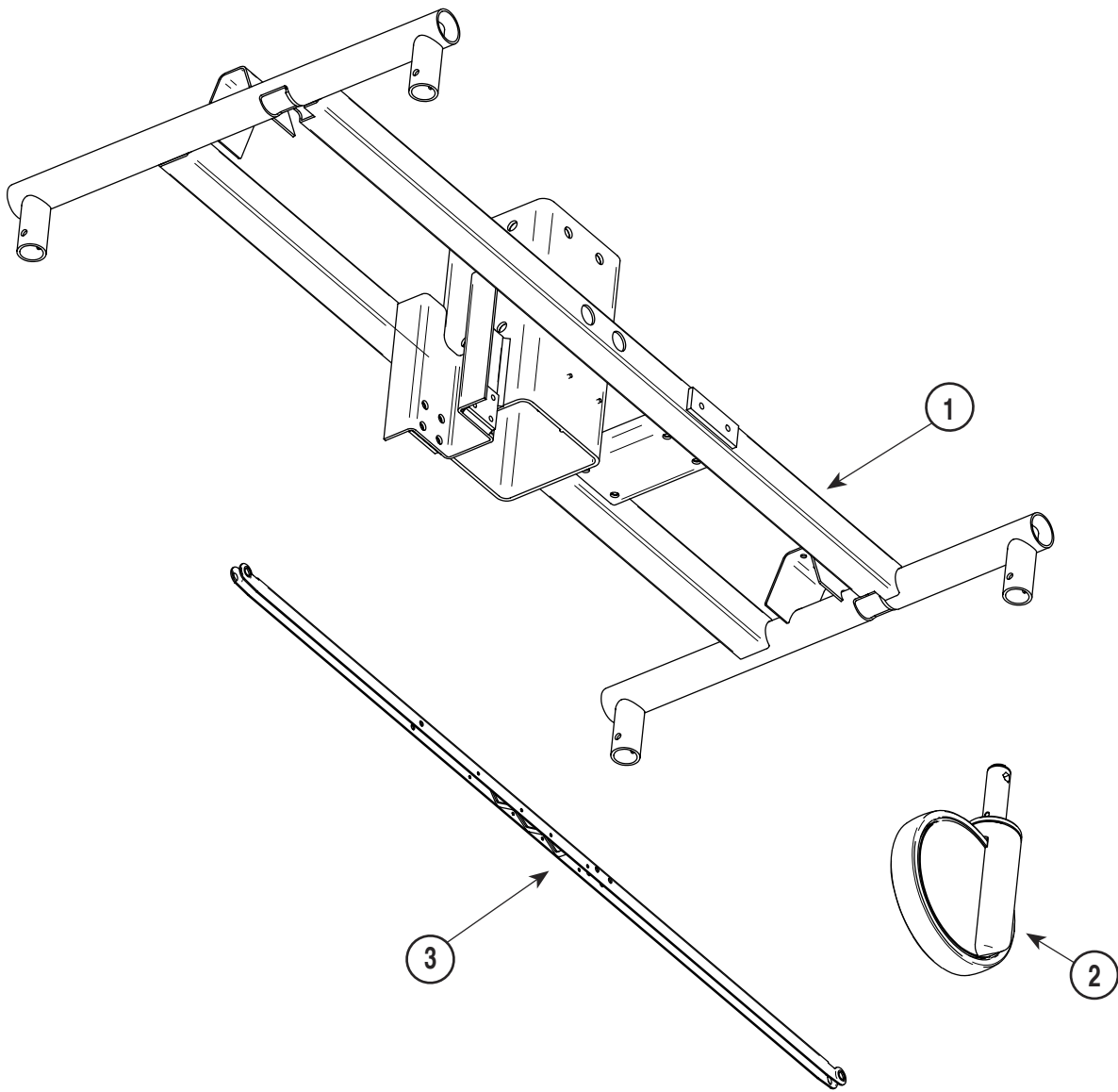
SECTION V PARTS LIST



Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	516-0497-00	Steer Caster	1	516-0497-01	Brake Caster	1	
Always Specify Model & Serial Number							

True Direction Steering System

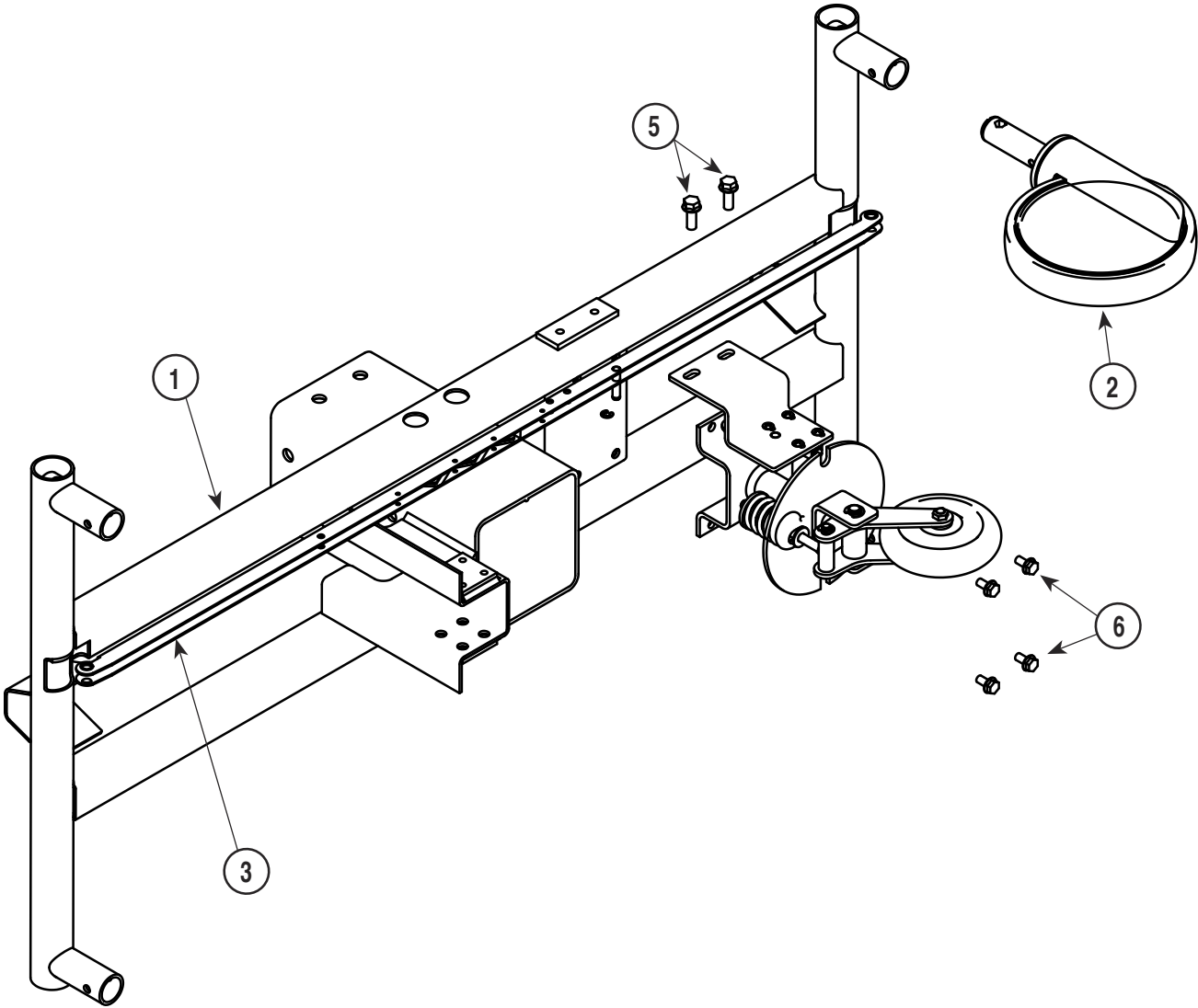
SECTION V PARTS LIST



Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1		True Direction Steering Assembly		2	• 516-0497-00	• Steer Caster	1
		• Chassis Weldment	Ref	3	• 550-0918-00	• Transfer Channel	1
Always Specify Model & Serial Number							

Fifth Wheel Steering System

SECTION V PARTS LIST



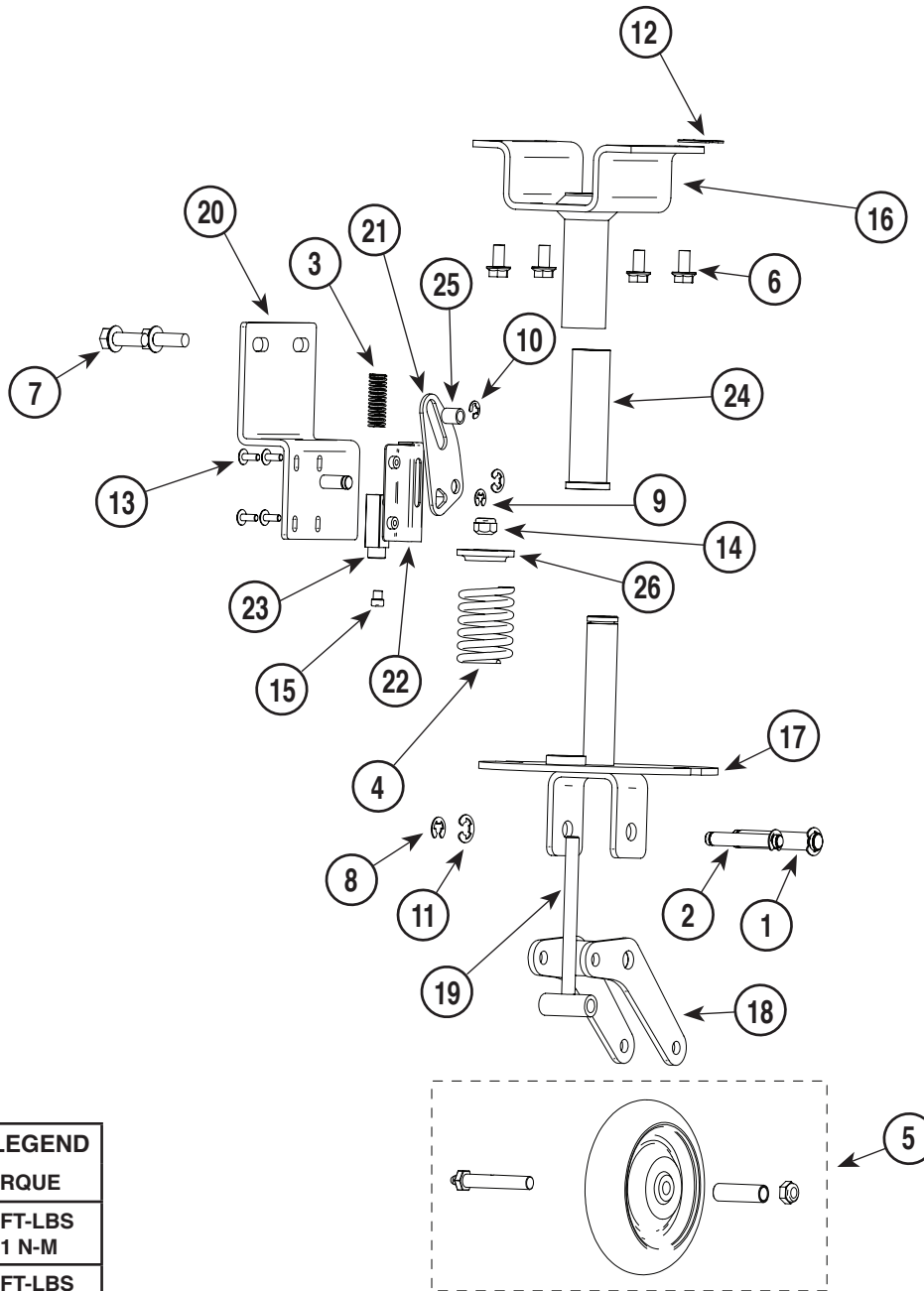
TORQUE LEGEND	
ITEM #	TORQUE
6	20 FT-LBS 27.1 N-M
7	36 FT-LBS 48.8 N-M

Item	Part No.	Description	Page	Item	Part No.	Description	Page
1		Chassis Weldment	Ref	5	042-0007-05	E-ring	1
2	516-0497-01	Brake Caster	1	6	040-0312-25	Bolt	4
3	530-1547-00	Transfer Channel Fifth Wheel	1	7	040-0375-38	Bolt	2
4		Refer to "Fifth Wheel Assembly" elsewhere	Ref				

Always Specify Model & Serial Number

Fifth Wheel Assembly

SECTION V PARTS LIST



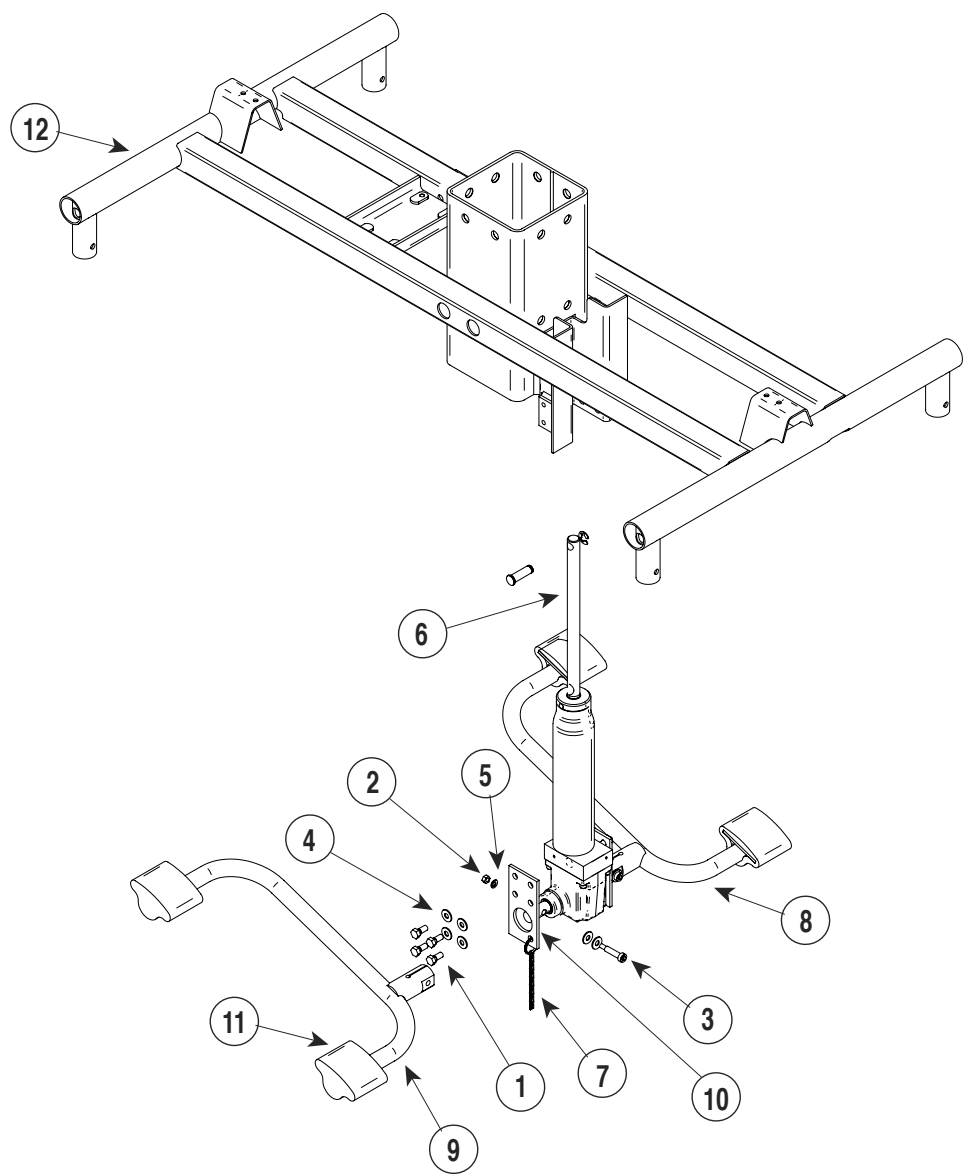
TORQUE LEGEND	
ITEM #	TORQUE
6	20 FT-LBS 27.1 N-M
7	36 FT-LBS 48.8 N-M

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	042-0006-08	Clevis Pin	1	14	516-0499-00	Nut	1
2	042-0006-09	Clevis Pin	1	15	516-0500-00	Glide	1
3	025-0055-00	Spring	1	16	530-1534-00	5th Wheel Mount Weldment	1
4	025-0056-00	Spring	1	17	530-1535-00	5th Wheel Weldment	1
5	0306-00144	Caster Kit	1	18	530-1536-00	Trailing Arm Weldment	1
6	040-0312-25	Bolt	4	19	530-1537-00	Spring Stud Weldment	1
7	040-0375-38	Screw	2	20	530-1543-00	Pivot Plate Weldment	1
8	042-0007-00	E-Ring	3	21	530-1544-00	Pivot Link Weldment	1
9	042-0007-03	E-Ring	1	22	530-1545-00	Guide Lock Weldment	1
10	042-0007-05	E-Ring	1	23	530-1546-00	Lock Pin Weldment	1
11	042-0007-09	E-Ring	2	24	553-0630-00	Bushing	1
12	042-0007-10	E-Ring	1	25	553-0631-00	Pivot Plate Bushing	1
13	1916-00026	Screw	4	26	557-1233-00	Retainer	1

Always Specify Model & Serial Number

Hydraulic Lift Components

SECTION V PARTS LIST



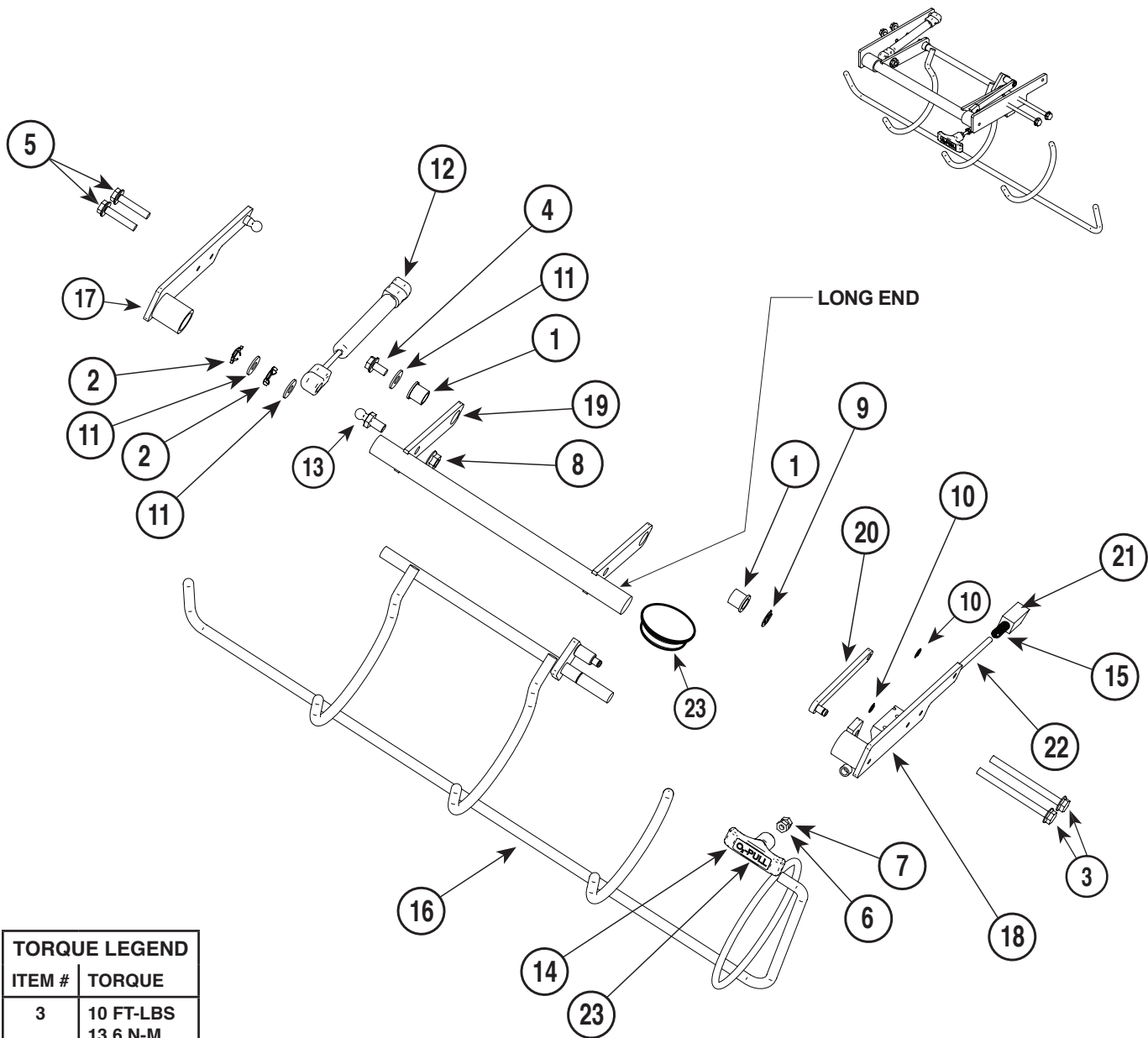
TORQUE LEGEND	
ITEM #	TORQUE
1	22 FT-LBS 29.8 N-M
2	92 IN-LBS 10.4 N-M

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	040-0312-69	Bolt	8	7	529-0180-03	Ground Chain Assembly	1
2	041-0032-01	Nut	2	8	530-1527-10	Pump Pedal Weldment (R.H.)	1
3	042-0081-08	Bolt	2	9	530-1527-11	Pump Pedal Weldment (L.H.)	1
4	045-0001-02	Washer	8	10	551-1064-00	Pump Bracket	2
5	2206-00016	Flat Washer	2	11	553-0482-00	Bumper - Pump Pedal	4
6	514-0148-00	Pump	1	12		Chassis Weldment	Ref

Always Specify Model & Serial Number

O₂ Holder Assembly

SECTION V PARTS LIST



TORQUE LEGEND	
ITEM #	TORQUE
3	10 FT-LBS 13.6 N-M
5	10 FT-LBS 13.6 N-M

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	016-0814-00	Flange Bearing	2	13	1977-00004	Ball Stud	1
2	025-0054-00	Disc Spring	2	14	516-0501-00	T-Handle Knob	1
3	040-0250-158	Bolt	2	15	525-0016-00	Latch Spring	1
4	040-0250-88	Whizlock	1	16	530-1538-00	Oxygen Bottle Clamp Weldment	1
5	040-0250-92	Screw	2	17	530-1539-00	Tube Locator Weldment	1
6	041-0010-00	Nut	1	18	530-1540-00	Tube Locator Weldment Locator Side ...	1
7	041-0010-02	Nut	1	19	530-1541-00	Lifting Arm Weldment	1
8	041-0312-05	Nut	1	20	530-1542-00	Link Weldment	1
9	042-0007-07	E-Ring	1	21	551-0044-00	Latch Bolt	1
10	042-0065-00	Kipring	2	22	551-1073-00	Rod	1
11	045-0001-02	Flat Washer	3	23	553-0635-00	Bumper	1
12	0707-00006	Damper	1				

Always Specify Model & Serial Number

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