

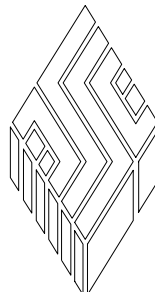


Stationary and Mobile Regal Cage Bases

- *Strong, durable stainless steel*
- *Sizes to fit all cage arrangements*
- *Adaptable to Aristocrat and Kitty Suite cages*
- *Mobile bases have casters with brakes*

New Model Numbers: Bases: 12115-00-CTAHEI, 12115-00-DRAHEI, 12115-00-EPAHEI, 12115-00-FNAHEI, 12115-00-GLAHEI, 12115-00-HJAHEI, 12115-00-IHAHEI, 12115-00-JFAHEI, 12115-00-KDAHEI, 12115-00-LBAHEI, 12115-00-LZAHEI, 12115-00-MXAHEI, 12115-00-NVAHEI, 12115-00-OTAHEI, 12115-00-PRAHEI, 12115-00-QPAHEI, 12115-00-RNAHEI, 12115-00-SLAHEI
Casters: C008-21081110-FNF00, C008-21081111-FNF00

Former Model Numbers: Bases: 102378, 102368, 102379, 102369, 102380, 102370, 102381, 102371, 102382, 102372, 102383, 102373, 102384, 102374, 102385, 102375, 102386, 102376
Casters: 851152, 851151



SSCI

Wheeling, IL (800) 323 7366

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Table of Contents

Chapter 1 - General Information	5
Introduction	5
About this Manual	5
Information and Safety Notices	6
Notes	6
CAUTIONS	6
SSCI Contact Information	6
Model Numbers	7
Stationary and Mobile Bases	7
Casters (for Mobile Bases Only)	7
Accessories	8
Care and Cleaning of Stainless Steel	8
Introduction	8
Cleaning and Cleansers	8
Deodorizing Agents, Disinfectants and Sanitizers	9
Effect on Warranty	9
Cleaning Requirements	9
Warranty	10
 Chapter 2 - Assembly	 11
General	11
Pre-Assembly Procedure	11
Unpacking and Inspection	11
Parts Included	11
Assembly Procedures	11
Assembling the Stationary Base	13
Tools Required	13
Procedure	13
Assembling the Mobile Base	15
Tools Required	15
Procedure	15
Disposition of the Shipping Carton	16
Adapting the Base for Aristocrat or Kitty Suite Laminated Cages	17
Adapter Kits	17
Parts Included	18
Tool Required	19
Procedure	19

Chapter 3 - Operation and Care	21
Operation	21
Moving the Base and Cages (Mobile Bases Only)	21
Using the Wheel Brakes (Mobile Bases Only)	21
Cleaning Your Stationary/Mobile Base	22
Introduction	22
Cleaning Procedures	22
 Chapter 4 - Maintenance and Repairs	 23
Replacement Parts	23
General Information	23
Parts Ordering Procedure	24
Care of Wheel/Caster Assemblies	24
Overview	24
Inspection	25
Equipment Frames and Fasteners	25
Casters	25
Wheels	25
Brakes	25
Lubrication	25
Recommended Lubricants	26
Power Towed Operation	26
Replacing a Wheel/Caster Assembly	27
Overview	27
Procedure	27
 Chapter 5 - Troubleshooting	 29
General	28
Returning the Base for Repairs	28
RMA Numbers	28
Packing and Shipment	28
The base does not roll freely (mobile bases only).	29
The base rolls when the brakes are on (mobile bases only).	30

Chapter 1 - General Information



Introduction

SSCI's stainless steel bases are designed for use with the company's fine line of Regal stainless steel cages. Bases are available to fit cage arrangements from 1 ft, 6 in. through 10 ft wide. Heavy-gauge, flanged, front, rear and side structural elements and diagonal braces combine to give you the strongest, most durable bases you can find. With easy to use adapter kits, the bases can be modified for use with SSCI Aristocrat and Kitty Suite laminated cages.

The stationary bases are fitted with leveling legs to help adapt your cages to uneven floors. Nickel-plated, 5 in. casters can be fitted to the stationary bases to make handy mobile bases that you can easily move from place to place in your facility. Four casters are used with the shorter width mobile bases, and six casters are fitted to bases 6 ft, 6 in. and wider for total support. Stainless steel casters are available as optional accessories.

About this Manual

Every attempt has been made to insure that the information in this manual is correct and complete. SSCI, however, always welcomes our customer's suggestions for improvements to our products and associated publications.

Information and Safety Notices

In this manual you will find text under the headings **Note:**, and **CAUTION:**.

Notes

Under **Note:** headings, you will be given additional information pertinent to the subject discussed in that paragraph or step.

Example:

Put the caster threaded shafts up through the screw holes in the frame rails and crossmembers.

Note: Make sure that the grease fittings on the ball-bearing covers point outward.

CAUTIONS

Under **CAUTION:** headings, you will be alerted to potentially hazardous conditions which, if ignored or mishandled, could result in injury to yourself, or damage to the equipment.

Example:

CAUTION: Unpacking and assembling the base is not difficult. The base is heavy, however, and handling it can be awkward for one person. We recommend that unpacking and assembly be done by at least two people.

SSCI Contact Information

Contact SSCI Customer Service by mail, telephone, or fax. The department is available from 8:30am to 5:00pm, Central Time, Monday through Friday. Closed holidays.

Address: Suburban Surgical Co., Inc.
275 Twelfth Street
Wheeling, Illinois 60090

Telephone: Illinois - (847) 537-9320, ext. 3518
Toll Free - (800) 323-7366

Fax: (847) 537-9061

Web: www.suburbansurgical.com

Model Numbers

Stationary and Mobile Bases

Table 1 shows the new and former model numbers for all SSCI stainless steel stationary bases. Mobile bases are the same as the stationary bases, but include the 5 in. casters listed in Table 2.

Fits Cage Arrangement		New Part Number	Former Part Number
Feet	Meters		
1'6" W	.46 W	12115-00-CTAHEI	102378
2' W	.61 W	12115-00-DRAHEI	102368
2'6" W	.76 W	12115-00-EPAHEI	102379
3' W	.91 W	12115-00-FNAHEI	102369
3'6" W	1.07 W	12115-00-GLAHEI	102380
4' W	1.22 W	12115-00-HJAHEI	102370
4'6" W	1.37 W	12115-00-IHAHEI	102381
5' W	1.52 W	12115-00-JFAHEI	102371
5'6" W	1.68 W	12115-00-KDAHEI	102382
6' W	1.83 W	12115-00-LBAHEI	102372
6'6" W	1.98 W	12115-00-LZAHEI	102383
7' W	2.13 W	12115-00-MXAHEI	102373
7'6" W	2.29 W	12115-00-NVAHEI	102384
8' W	2.44 W	12115-00-OTAHEI	102374
8'6" W	2.59 W	12115-00-PRAHEI	102385
9' W	2.74 W	12115-00-QPAHEI	102375
9'6" W	2.90 W	12115-00-RNAHEI	102386
10' W	3.05 W	12115-00-SLAHEI	102376

Table 1. Stationary Base Model Numbers

Casters (for Mobile Bases Only)

Stationary bases and mobile bases are identical. The only difference is that mobile bases are mounted on casters. Four casters are used on bases from 1'6" wide through 6' wide. Six casters are used on bases from 6'6" wide through 10' wide. Model numbers for casters are found in Table 2.

Caster Type	New Part Number	Former Part Number
Plain (no brake)	C008-21081110-FNF00	851152
With Brake	C008-21081111-FNF00	851151
Four casters used on bases from 1'6" through 6' wide. Six casters used on bases from 6'6" through 10' wide.		

Table 2. Caster Model Numbers

Accessories

Stainless steel casters can be installed in place of the standard copper/nickel-plated casters.

Care and Cleaning of Stainless Steel

Introduction

Stainless steel is steel alloyed with chromium to make it highly resistant to stain, rust, and corrosion. **Note:** This does NOT mean that stainless steel will *never* rust or corrode. Science has not yet developed a steel which is completely stainless or corrosion PROOF.

The type of stainless steel and finish selected by SSCI for this product is the best available for the intended use.

Cleaning and Cleansers

The basic rule of thumb is to use the mildest cleaning agent that will do the job effectively. After cleaning, always rinse thoroughly with clear water, and dry completely. Frequent cleaning will prolong the service life of stainless steel equipment and will help maintain a bright, pleasing appearance.

Ordinary deposits of waste and fluids can usually be removed with soap and water. More stubborn deposits or tightly adhering debris may require harder scrubbing and possibly the use of commercial cleaning products acceptable for use on metal surfaces. When using any cleaning agent, rub in the direction of the polish lines or “grain” of the metal. For high luster finishes, clean soft cloths or pads should be used.

If especially rough cleaning is necessary, use “stainless steel” wool, nylon, or plastic scrubbers. Test these scrubbers in an inconspicuous area first to be sure they do not mar or scratch the stainless steel finish.

Minor scale build-up and some hard water spotting may be removed by washing with vinegar, followed by a neutralizing rinse with clear water and a thorough drying with a soft cloth. For heavy deposits of scale, 5% oxalic acid (use warm), 5-15% sulfamic acid, or 5-10% phosphoric acid may be used. Always follow with a neutralizing rinse of clean water and a thorough drying.

Deodorizing Agents, Disinfectants and Sanitizers

The large selection of brands and combinations of chemicals available for deodorizing, disinfecting, and sanitizing is staggering. Select one or more agents for use in your facility only after weighing all the benefits claimed by each product. Often this choice is made without adequate consideration of the effects these agents may produce on equipment or furnishings.

CAUTION: Before selecting a chemical to employ in your facility, review label statements regarding use with metals (stainless steel). Always consult the chemical supplier if there are any doubts.

Avoid prolonged use of chlorides (such as chlorine bleach), bromides, iodides, and thiocyanates on stainless steel surfaces as these chemicals will cause pitting, corrosion, and metal discoloration. Allowing salty solutions to evaporate and dry on stainless steel may also contribute to corrosive conditions.

In summary, select chemical deodorizers, disinfectants, and/or sanitizers only after weighing all possible benefits and known adverse effects.

Effect on Warranty

The warranty for this product is void if the care and cleaning instructions provided in this manual are not followed.

Cleaning Requirements

Clean the base exactly in accordance with the cleaning instructions provided in this manual.

Failure to follow these instructions can void your warranty.

Warranty

Suburban Surgical Company, Inc. warrants the original purchaser that our products are of the highest standards in material and workmanship. Our stainless steel components are guaranteed to last a lifetime assuming they are used as intended, properly maintained and cared for. Mechanical, electrical, electronic, hydraulic, and any product's devices carry a one year warranty.

Items purchased by Suburban Surgical Company, Inc. from other manufacturers and incorporated into our equipment are covered by the respective manufacturer's warranties.

Warranties will not apply if it is determined by Suburban Surgical Company, Inc. that the equipment became defective due to an accident, misuse, abuse, improper maintenance or alteration. Warranty freight charges are covered for the first year only.

Chapter 2 - Assembly

General

This section guides you in assembling the SSCI stationary and mobile Regal cage bases. Information is also provided on adapting your base to SSCI Aristocrat or Kitty Suite cages. If you have problems or require additional assistance, please feel free to call SSCI Customer Service at (800) 323-7366.

Pre-Assembly Procedure

CAUTION: Unpacking and assembling the base is not difficult. The base is heavy, however, and handling it can be awkward for one person. We recommend that unpacking and assembly be done by at least two people.

Unpacking and Inspection

The base is packed in a large shipping tube. Casters, if included, are shipped in a separate carton. If the shipping containers appear damaged in any way, contact the shipping company immediately. Save all damaged packing materials to assist in proving liability for damage.

Carefully inspect your base while you unpack it. If any damage is noted, or if parts appear to be missing, call SSCI Customer Service at (800) 323-7366.

Parts Included

The following parts are included in the shipment. Refer to Table 3 for part numbers and quantities of all parts for each size base. Figure 1 shows a 10 ft base as a typical example.

- (A) Crossmember (2 or 3) - P/N 608281
- (B) Diagonal brace (1 or 2) - P/N - refer to Table 3
- (C) Front frame rail (1) - P/N - refer to Table 3
- (D) Rear frame rail (1) - P/N - refer to Table 3
- (E) Plastic bag, containing:
 - Cap screw (4 or 6) - P/N 850026
 - Jam nut (8 or 12) - P/N 850502

The cap screws are 1/2-13 x 1-1/4" hex-head, stainless steel. The jam nuts are 1/2-13 hex-head, stainless steel.

Assembly Procedures

- Assembling the stationary base - *Page 13*
- Assembling the mobile base - *Page 15*
- Adapting the base for Aristocrat or Kitty Suite laminated cages - *Page 17*

New P/N	Former P/N	For Cage Width	Cross-member (A)	Diagonal Brace (B)	Front Frame Rail (C)	Rear Frame Rail (D)	Cap Screw*	Jam Nut**
12115-00-CTAHEI	102378	1'6" .46 M	608281 (2)	617310 (1)	617311 (1)	617312 (1)	850026 (4)	850502 (8)
12115-00-DRAHEI	102368	2' .61 M	608281 (2)	615361 (1)	615352 (1)	615343 (1)	850026 (4)	850502 (8)
12115-00-EPAHEI	102379	2'6" .76 M	608281 (2)	615362 (1)	615353 (1)	615344 (1)	850026 (4)	850502 (8)
12115-00-FNAHEI	102369	3' .91 M	608281 (2)	608327 (1)	608319 (1)	608319-1 (1)	850026 (4)	850502 (8)
12115-00-GLAHEI	102380	3'6" 1.07 M	608281 (2)	615363 (1)	615354 (1)	615345 (1)	850026 (4)	850502 (8)
12115-00-HJAHEI	102370	4' 1.22 M	608281 (2)	608328 (1)	608315 (1)	608315-1 (1)	850026 (4)	850502 (8)
12115-00-IHAHEI	102381	4'6" 1.37 M	608281 (2)	615364 (1)	615355 (1)	615346 (1)	850026 (4)	850502 (8)
12115-00-JFAHEI	102371	5' 1.52 M	608281 (2)	608329 (1)	608314 (1)	608314-1 (1)	850026 (4)	850502 (8)
12115-00-KDAHEI	102382	5'6" 1.68 M	608281 (2)	615365 (1)	615356 (1)	615347 (1)	850026 (4)	850502 (8)
12115-00-LBAHEI	102372	6' 1.83 M	608281 (2)	608330 (1)	608313 (1)	608313-1 (1)	850026 (4)	850502 (8)
12115-00-LZAHEI	102383	6'6" 1.98 M	608281 (3)	615366 (2)	615357 (1)	615348 (1)	850026 (6)	850502 (12)
12115-00-MXAHEI	102373	7' 2.13 M	608281 (3)	608331 (2)	608311 (1)	608311-1 (1)	850026 (6)	850502 (12)
12115-00-NVAHEI	102384	7'6" 2.29 M	608281 (3)	615367 (2)	615358 (1)	615349 (1)	850026 (6)	850502 (12)
12115-00-OTAHEI	102374	8' 2.44 M	608281 (3)	608332 (2)	608309 (1)	608309-1 (1)	850026 (6)	850502 (12)
12115-00-PRAHEI	102385	8'6" 2.59 M	608281 (3)	615368 (2)	615359 (1)	615350 (1)	850026 (6)	850502 (12)
12115-00-QPAHEI	102375	9' 2.74 M	608281 (3)	608333 (2)	608308 (1)	608308-1 (1)	850026 (6)	850502 (12)
12115-00-RNAHEI	102386	9'6" 2.90 M	608281 (3)	615369 (2)	615360 (1)	615351 (1)	850026 (6)	850502 (12)
12115-00-SLAHEI	102376	10' 3.05 M	608281 (3)	608334 (2)	608283 (1)	608283-1 (1)	850026 (6)	850502 (12)

* Cap Screw = 1/2-13 x 1-1/4" Hex-head, Stainless Steel

** Jam Nut = 1/2-13 Hex-head, Stainless Steel

Table 3. Parts and Quantities for Stationary and Mobile Bases (refer to Figure 1)

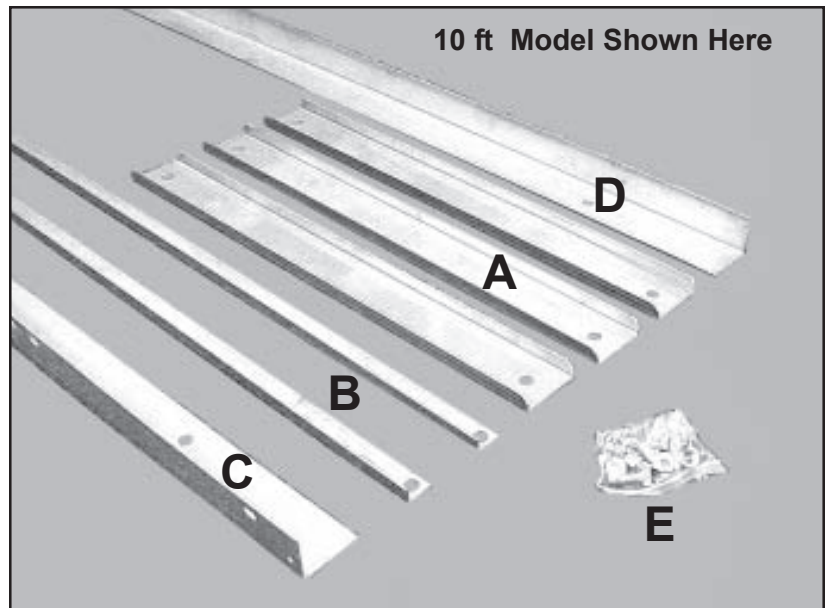


Figure 1. Parts Included With Stationary/Mobile Base

Assembling the Stationary Base

- Tools Required**
- Two 3/4 in. wrenches
 - Carpenter's level

- Procedure**
1. Take the L-shaped front and rear frame rails (**C** and **D** in Figure 1). Both rails have two or three *round* screw holes in the *bottom* side. The front rail also has a series of *oval* holes in the *front* side. Lay the rails on the floor, parallel to each other, and about 2 ft apart (Figure 2). The sides with the round holes go on the bottom. The vertical sides go toward the outside.

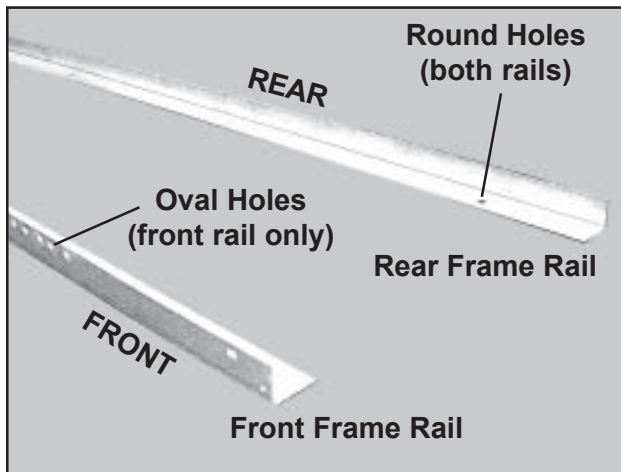


Figure 2. Front and Rear Frame Rails Laid Out for Assembly.

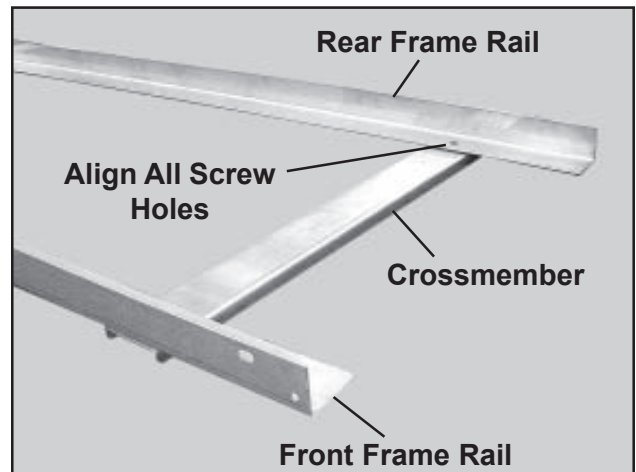


Figure 3. Crossmember Placed Under the Frame Rails

2. Take the U-shaped crossmembers (**A** in Figure 1). The smaller bases have two crossmembers; the larger bases have three (Table 3). Place the crossmembers under the front and rear frame rails with the screw holes aligned (Figure 3). The flanges on the crossmembers should point down.
3. Thread one jam nut about halfway up each cap screw (Figure 4). The smaller bases have four cap screws, the larger bases have six (Table 3).



Figure 4. Jam Nut on Cap Screw

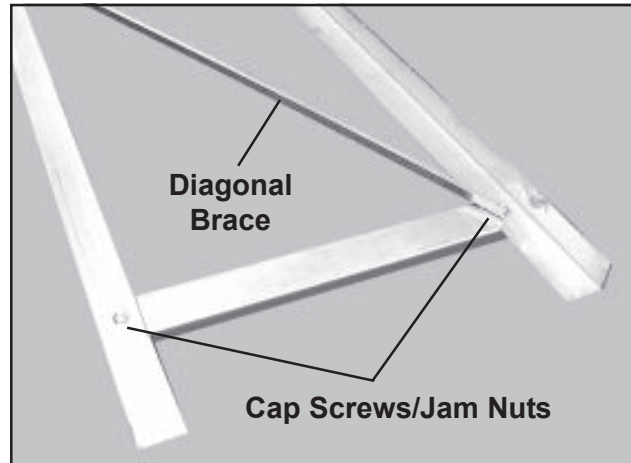


Figure 5. Diagonal Brace and Cap Screws/Nuts in Place

4. From the underside, place one cap screw/jam nut up through each of the frame rail/crossmembers screw holes (Figure 5).
5. Place the holes in the diagonal brace(s) over the cap screws (Figure 5). The smaller bases have one diagonal brace, the larger bases have two (Table 3). The diagonal braces can be installed in either direction, but if there are two, they must be parallel to each other.
6. From the top, thread one jam nut loosely onto each cap screw to secure the entire assembly together. **DO NOT** fully tighten the nuts at this time.
7. Using a carpenter's level, level the base left-to-right. To adjust the level, turn the cap screws as necessary to raise or lower each corner (or center). **Note:** Level the base at the location where it will be used. Due to differing floor conditions, leveling procedures carried out elsewhere may not be valid at the new location.

8. When the base is level left-to-right, level it front-to-rear.
9. Recheck the level both ways, and continue to adjust the cap screws until the level is correct both ways.
10. When the base is completely level, use two 3/4 in. wrenches to tighten all the jam nuts, top and bottom, tightly against the frame. **Note:** All cap screws must make firm contact with the floor for proper support.

To adapt your stationary base to SSCI Aristocrat or Kitty Suite laminated cages, refer to *Page 17*.

***Your stationary base is now ready for
the cages to be installed.***

Assembling the Mobile Base

Tools Required ■ Two 3/4 in. wrenches

- Procedure**
1. Take the L-shaped front and rear frame rails (**C** and **D** in Figure 1). Both rails have two or three *round* screw holes in the *bottom* side. The front rail also has a series of *oval* holes in the *front* side. Lay the rails on the floor, parallel to each other, and about 2 ft apart (Figure 2). The sides with the two or three round holes go on the bottom. The vertical sides go toward the outside.
 2. Take the U-shaped crossmembers (**A** in Figure 1). The smaller bases have two crossmembers; the larger bases have three (Table 3). Place the crossmembers under the front and rear frame rails with the screw holes aligned (Figure 3). The flanges on the crossmembers should point down.

Note: Install the casters with the brakes on the *front* of the base.

3. Take the casters (the smaller bases use four casters; the larger cages use six) and put the threaded shafts up through the screw holes in the frame rails and crossmembers (Figure 6). **Note:** Make sure that the ball-bearing grease fittings point outward (Figure 10). If they point inward, greasing these fittings will be very difficult indeed.

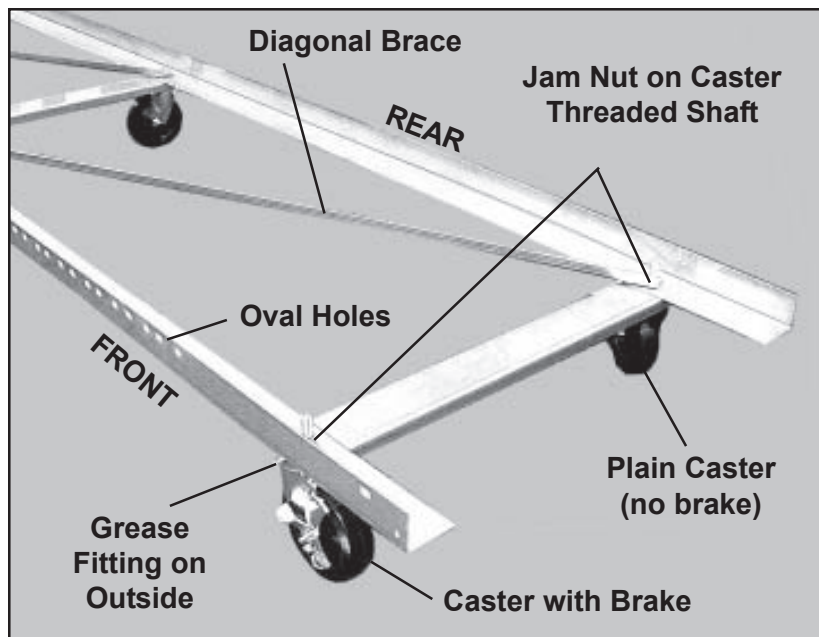


Figure 6. Casters Mounted on a Mobile Base

4. Place the holes in the diagonal brace(s) over the caster threaded shafts (Figure 5). The smaller bases have one diagonal brace, the larger bases have two (Table 3). The diagonal braces can be installed in either direction, but if there are two, they must be parallel to each other.
5. With a 3/4 in. wrench, secure the casters in place with the jam nuts provided.

Note: You will have cap screws and jam nuts left over. Don't worry about it!

Note: It is not necessary to level the mobile base.

To adapt your mobile base for SSCI Aristocrat or Kitty Suite laminated cages, refer to *Page 17*.

***Your mobile base is now ready for
the cages to be installed.***

Disposition of the Shipping Carton

The shipping tube can be thrown away. If adequate space is available, however, it might be handy to retain the tube in case reshipment of the base to the manufacturer for repairs ever becomes necessary.

Adapting the Base for Aristocrat or Kitty Suite Laminated Cages

The stainless steel stationary and mobile bases can be used with SSCI Aristocrat or Kitty Suite laminated cages. Such use requires an adapter kit to modify the bases to fit the cages.

Note: Mobile bases are not recommended for L-shaped or U-shaped Aristocrat or Kitty Suite cage arrangements.

Adapter Kits Part numbers of the required adapter kits are shown in Table 4:

Fits Cage Arrangement		New Stationary Base Part Number	Former Stationary Base Part Number	Laminated Cage Adapter Kit Part Number
Width in Feet	Width in Meters			
1'6"	.46	12115-00-CTAHEI	102378	14170-00-CTAFAH
2'	.61	12115-00-DRAHEI	102368	14170-00-DRAFAH
2'6"	.76	12115-00-EPAHEI	102379	14170-00-EPAFAH
3'	.91	12115-00-FNAHEI	102369	14170-00-FNAFAH
3'6"	1.07	12115-00-GLAHEI	102380	14170-00-GLAFAH
4'	1.22	12115-00-HJAHEI	102370	14170-00-HJAFAH
4'6"	1.37	12115-00-IHAHEI	102381	14170-00-IHAFAH
5'	1.52	12115-00-JFAHEI	102371	14170-00-JFAFAH
5'6"	1.68	12115-00-KDAHEI	102382	14170-00-KDAFAH
6'	1.83	12115-00-LBAHEI	102372	14170-00-LBAFAH
6'6"	1.98	12115-00-LZAHEI	102383	14170-00-LZAFAH
7'	2.13	12115-00-MXAHEI	102373	14170-00-MXAFAH
7'6"	2.29	12115-00-NVAHEI	102384	14170-00-NVAFAH
8'	2.44	12115-00-OTAHEI	102374	14170-00-OTAFAH
8'6"	2.59	12115-00-PRAHEI	102385	14170-00-PRAFAH
9'	2.74	12115-00-QPAHEI	102375	14170-00-QPAFAH
9'6"	2.90	12115-00-RNAHEI	102386	14170-00-RNAFAH
10'	3.05	12115-00-SLAHEI	102376	14170-00-SLAFAH

Table 4. Parts Numbers for Aristocrat and Kitty Suite Laminated Cage Adapter Kits

Parts Included

Table 5 shows the parts that are included with each adapter kit.

Adapter Kit	For Cage Width	Wood Spacer (Qty)	Double-face Tape (1")
14170-00-CTAFAH	1'6" (.46 M)	903601 (2)	756638
14170-00-DRAFAH	2' (.61 M)	903602 (2)	756638
14170-00-EPAFAH	2'6" (.76 M)	903603 (2)	756638
14170-00-FNAFAH	3' (.91 M)	903604 (2)	756638
14170-00-GLAFAH	3'6" (1.07 M)	903605 (2)	756638
14170-00-HJAFAH	4' (1.22 M)	903606 (2)	756638
14170-00-IHAFAH	4'6" (1.37 M)	903607 (2)	756638
14170-00-JFAFAH	5' (1.52 M)	903608 (2)	756638
14170-00-KDAFAH	5'6" (1.68 M)	903609 (2)	756638
14170-00-LBAFAH	6' (1.83 M)	903610 (2)	756638
14170-00-LZAFAH	6'6" (1.98 M)	903611 (2)	756638
14170-00-MXAFAH	7' (2.13 M)	903612 (2)	756638
14170-00-NVAFAH	7'6" (2.29 M)	903613 (2)	756638
14170-00-OTAFAH	8' (2.44 M)	903614 (2)	756638
14170-00-PRAFAH	8'6" (2.59 M)	903615 (4)	756638
14170-00-QPAFAH	9' (2.74 M)	903616 (4)	756638
14170-00-RNAFAH	9'6" (2.90 M)	903617 (4)	756638
14170-00-SLAFAH	10' (3.05 M)	903618 (4)	756638

Table 5. Parts Included with Adapter Kits

Tool Required

- Utility knife or scissors

Procedure

1. Apply double-faced tape to the full length of the front and rear frame rails (Figure 7). One edge of the tape should be as close to the vertical part of the frame rail as possible. **Note:** Do not place tape over the crossmember, caster, or diagonal brace connections.
2. Peel the protective cover off the tape.
3. Place the wood spacers onto the frame rails with the notches over the crossmember and diagonal brace connections (Figure 8). Make sure that the spacers are up against the vertical flanges of the frame rails. Press the spacers firmly onto the tape.
4. Apply tape to the full length of the wood spacers.
5. When you are ready to mount the cages to the base, peel the protective cover off the tape.

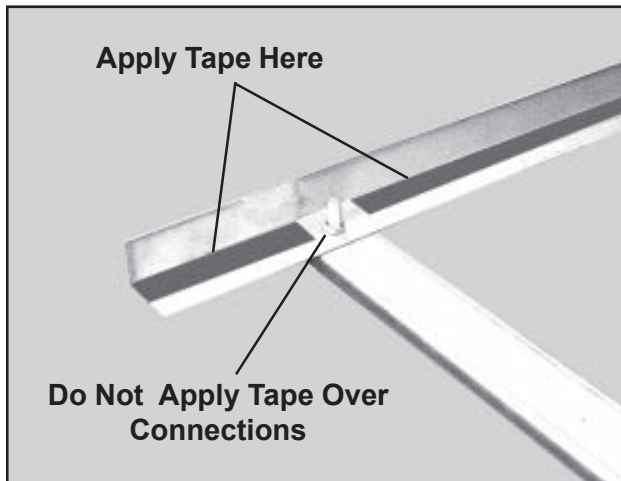


Figure 7. Placing Tape on the Frame Rails

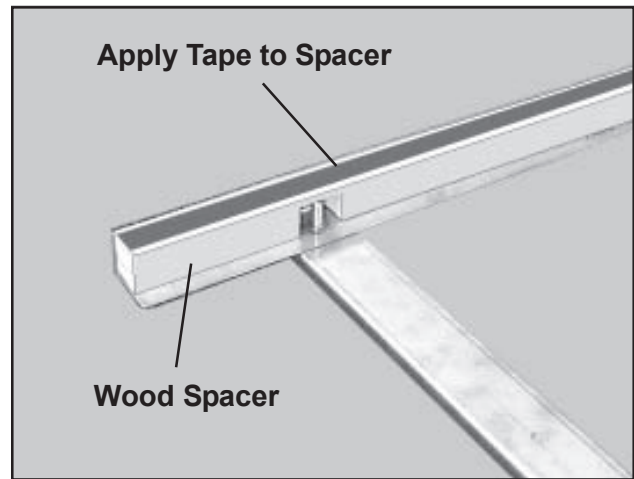


Figure 8. Wood Spacer in Place on the Frame Rail

*Your base is now ready for
the Aristocrat or Kitty Suite laminated cages
to be installed.*

Chapter 3 - Operation and Care

Operation

Moving the Base and Cages (Mobile Bases Only)

To move the mobile base and cage assembly, release the wheel brakes, push or pull the assembly to its new location, and then engage the brakes again.

CAUTION: The wheel brakes should be engaged any time the base is not actually being moved. Be especially careful when the base not on a level surface and may be free to roll uncontrolled.

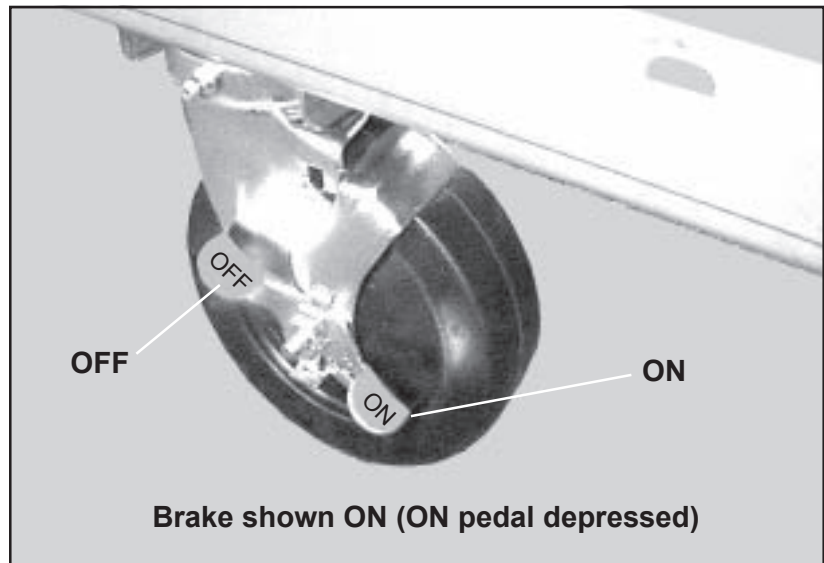


Figure 9. Wheel Brake ON/OFF Pedal

Using the Wheel Brakes (Mobile Bases Only)

Brakes are mounted on the front casters on the mobile base. The words **ON** and **OFF** are stamped onto the ends of the brake lever (Figure 9). To engage the wheel brake, step down on the end of the brake lever marked **ON**. To release the brake, step down on the end marked **OFF**.

CAUTION: The wheel brakes should be engaged any time the base is not actually being moved. Be especially careful when the base is not on a level surface and may be free to roll uncontrolled.

Cleaning Your Stationary/Mobile Base

Introduction

You will no doubt want to clean your base frequently. Maintaining high standards of sanitation will be an important priority for your facility. Refer to *Care and Cleaning of Stainless Steel* on Page 8 for more detailed information.

Cleaning Procedures

Rinse the base with clear water and dry thoroughly with clean, soft cloths.

Ordinary deposits of waste and fluids can usually be removed with soap and water. Stubborn deposits may require scrubbing with “stainless steel” wool, nylon, or plastic scrubbers and/or the use of commercial cleaning products. Always scrub in the direction of the “grain” of the metal. Rinse with clear water and dry thoroughly with clean, soft cloths.

Minor scale build-up and some hard water spotting may be removed by washing with vinegar, followed by a neutralizing rinse of clear water and a thorough drying with clean, soft cloths.

If especially rough cleaning is necessary, use “stainless steel” wool, nylon, or plastic scrubbers. Test these scrubbers in an inconspicuous area first to be sure they do not mar or scratch the stainless steel finish. NEVER power-wash the mobile base as this can wash the lubricants out of the caster grease fittings and ball-bearings.

For heavy deposits of scale, 5% oxalic acid (use warm), 5-15% sulfamic acid, or 5-10% phosphoric acid may be used. As always, rinse with clear water and dry thoroughly with clean soft cloths.

Avoid prolonged use of chlorides (such as chlorine bleach), bromides, iodides, and thiocyanates. Never allow salty solutions to dry on the stainless steel.

CAUTION: The warranty for this product is void if the care and cleaning instructions provided in this manual are not followed.

Chapter 4 - Maintenance and Repairs

Replacement Parts

The stationary base has no moving parts and, therefore, should not normally require replacement parts. The only replacement parts available are wheel/caster assemblies for mobile bases, and these part numbers are listed in Table 6. If structural elements of a base should become damaged and require replacement, refer to Table 3 on *Page 12* for part numbers. Refer to *SSCI Contact Information* on *Page 6* and *Parts Ordering Procedure* on *Page 24*.

Caster Type	New Part Number	Former Part Number
Plain (no brake)	C008-21081110-FNF00	851152
With Brake	C008-21081111-FNF00	851151
Four casters used on bases from 1'6" through 6' wide. Six casters used on bases from 6'6" through 10' wide.		

Table 6. Replacement Wheel/Caster Assemblies

General Information

- Many of the threaded fasteners used on SSCI products are secured with thread adhesive to insure structural integrity. Removing any screw or bolt may be difficult at first.
- During disassembly, retain all hardware items such as screws, nuts, lockwashers, etc. for reassembly.
- If you have problems with any procedure, please feel to call SSCI Customer Service at (800) 323-7366.

Parts Ordering Procedure

Order new equipment, accessories, and/or replacement parts directly through SSCI Customer Service. You can order by mail, telephone, or fax. Refer to *SSCI Contact Information* on Page 6 for address, telephone, and fax numbers. When ordering, please provide the following information:

- Your name
- Company name
- Company account number
- Telephone number
- Fax number
- e-mail address
- Shipping address
- Billing address (if different from shipping address)
- Names, part numbers, and quantities of items being ordered
- Credit card number and expiration date, or other payment information
- Preferred method of shipment
- Information on whether the items are required on a normal or urgent basis

Care of Wheel/Caster Assemblies

Overview

The wheel/caster assemblies on the mobile cage bases were selected by SSCI for high durability and long life. Only the front casters on each mobile cage base are equipped with brakes. Users are responsible for the proper operation, care, and maintenance of their equipment. Equipment can become damaged and unsafe if abused or subjected to improper demands. If your equipment is regularly maintained and never abused, you will get the maximum safety and service from your casters.

- Never overload the cage base.
- Do not drop heavy loads on the cage base.
- Do not use the cage base at high speeds.

The above conditions can create severe impact and shock loads on your cage base and may result in caster, wheel, or equipment failure.

CAUTION: We strongly recommend that you use, inspect, and lubricate the casters on your mobile cage arrangement carefully and in full agreement with these instructions. Replacement of a wheel/caster assembly will require full disassembly and reassembly of all, or at least part, of your cage arrangement.

Inspection Equipment Frames and Fasteners

Periodically examine the cage base and check the following:

- Look for broken welds on the base.
- Tighten any loose nuts and bolts.
- Look for distortion of the base caused by overload and impacts. Distorted bases can lead to wheel failure by placing disproportionate loads on one or two casters.
- Make sure the casters are not bent and the mounting bolts are securely fastened.

Casters

Check the swivel assembly on each caster for excessive play due to wear. If the swivel is loose, replace the caster. If the swivel does not turn freely, check for corrosion or dirt binding the raceways. Make sure the swivel nut and wheel axle nuts are tight. If a caster is not operating properly, disassemble, clean, and lubricate it. If this does not fix the problem, replace the assembly (refer to *Replacing a Wheel/Caster Assembly* on Page 27).

Wheels

Check each wheel for excessive or uneven tread wear, or badly worn or “chunked out” rubber tires. Such conditions can cause erratic steering, bumping, load shifting, and damage to floors. If a wheel binds and no longer rolls freely, or if flat spots appear on the tire, carefully inspect the wheel/caster assembly for damage or accumulated foreign matter (dirt, string, animal hair, etc.). If necessary, replace the assembly (refer to *Replacing a Wheel/Caster Assembly* on Page 27).

Brakes

Check brakes for proper operation. Apply brakes one at a time and attempt to move the equipment to make sure that each brake is not slipping or loose.

If brakes slip due to worn or damaged wheels, replace the wheels immediately and retest the brakes. If the brake mechanism itself is not operating properly, repair or replace it. Before returning the equipment to use, always retest the brakes.

Lubrication

Caster and wheel lubrication is essential. The lubrication schedule depends on your specific application. Normal conditions warrant lubrication every six months, however, for wet or corrosive applications, monthly lubrication may be necessary.

Lubrication may also be required after each piece of equipment is washed. Special high-temperature, water-resistant lubricants may be used for these applications. If necessary, SSCI can provide stainless steel casters that require less maintenance.

Each wheel/caster assembly has two grease fittings (Figure 10), one for the wheel and one for the swivel. Use enough grease to fill the bearing, but not so much that it oozes out of the grease seal. After applying the grease, turn the wheel or swivel several times in both directions to distribute the grease evenly.

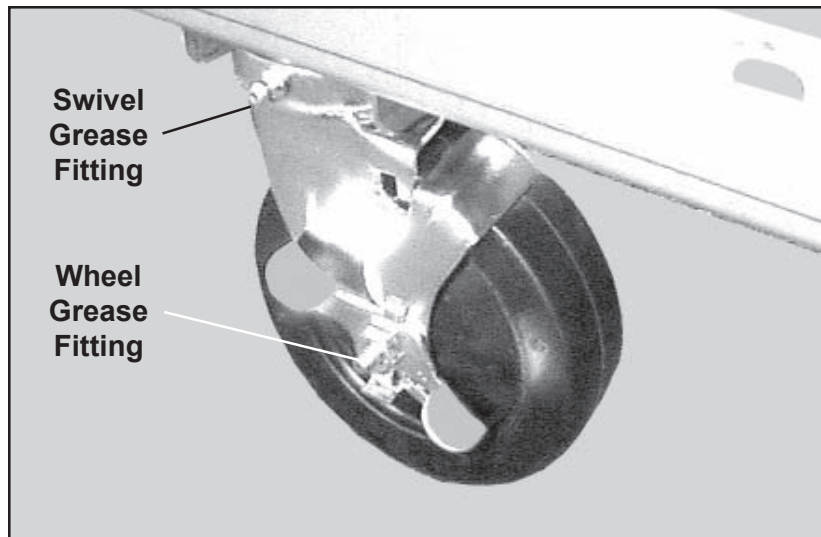


Figure 10. Caster Grease Fittings

Recommended Lubricants

SSCI recommends that you use either of the following greases when lubricating your mobile base casters:

- Citgo EP-1
- Exxon Beacon EP 1

Based on available information, these products are not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheets (MSDS) are followed. MSDS's are available via the Internet.

Power Towed Operation

Power drawn equipment such as in a tow line or mechanically moved by conveyor will require casters, wheels, and bearings specifically designed for this use. Please consult the factory for caster recommendations of each specific towing or power drawn equipment application.

Replacing a Wheel/ Caster Assembly

Overview

Replacing a wheel/caster assembly will require full or partial disassembly and reassembly of your cage arrangement.

Procedure

1. Lock all the brakes on the front caster/wheel assemblies, or block the wheels so that the cage arrangement cannot roll.
2. Disassemble as many cages on the arrangement as necessary to reach the jam nut on the concerned caster/wheel assembly (Figure 11). **Note:** It should not be necessary to remove the adapter wood spacers on laminated cage arrangements - you should be able to access the jam nuts through the notches in the spacers.

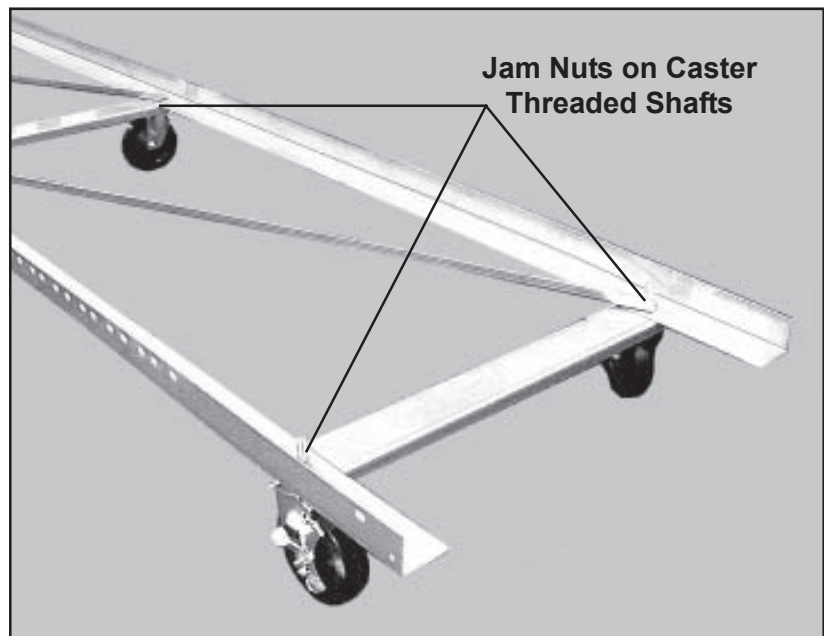


Figure 11. Jam Nuts on Casters

3. With two 3/4 in. wrenches, unscrew the jam nuts on the caster, and remove the caster from the base.
4. Install a new wheel/caster assembly into the base and secure with the jam nut removed above.
5. Reassemble the cage arrangement.

Chapter 5 - Troubleshooting

General

The following procedures will help you fix most of the problems that you might encounter with the stationary and mobile bases. If necessary, please feel free to call SSCI Customer Service at (800) 323-7366. Our experienced technical support personnel will be glad to help you.

For more information on contacting SSCI, refer to *SSCI Contact Information* on Page 6.

Part numbers for available replacement parts are shown on Page 12. To order replacement parts, refer to *Parts Ordering Procedure* on Page 24.

Possible problems are listed below along with their page references:

- The base does not roll freely (mobile bases only). -----Page 29
- The base rolls when the brakes are on (mobile bases only). -----Page 30

Returning the Base for Repairs

RMA Numbers

If your base should require return to SSCI for repairs, discuss the problem with one of our Customer Service Representatives. Obtain an RMA number (Return Merchandise Authorization) from him before shipping the unit back. **Note:** SSCI will *not* accept merchandise returned without an RMA number.

Packing and Shipment

If you were able to keep the base shipping tube, repack the base into the tube and fasten the cover securely in place.

If the shipping tube is not available, disassemble the base and package the it securely in a suitable container. Ship documentation with the base including:

- Destination
- RMA Number
- Your name, company and address
- Your telephone number
- A description of the reason for returning the base

The base does not roll freely (mobile bases only).

Remedial Action

First: You may just have a caster brake locked. Check the front casters to make sure the **OFF** side of the brake lever is down. Refer to *Using the Wheel Brakes* on Page 21.

Second: Check all casters for condition. Are they dirty, wobbly, badly bent or in any way damaged? Have they been lubricated in the last six months?

Animal hair, thread, and other materials can accumulate in the wheel bushing and prevent the wheel from turning freely. If substantial foreign matter is visible, disassemble the caster assembly, clean it thoroughly, reassemble, and lubricate it (Refer to *Lubrication* on Page 25).

If a caster is heavily rammed into a solid object, it can be bent in such a way as to jam the ball bearings. If this is the case, the caster will be unable to align itself with the table's direction of movement and will have to be replaced.

If a caster assembly is damaged or showing excess wear, replace it.

To order a new caster, contact SSCI Customer Service and order the desired caster as shown in Table 6 on Page 23.

The base rolls when the brakes are on (mobile bases only).

Remedial Action

First: Make sure the **ON** sides of the brake levers on the front casters are fully depressed.

Second: Check the front casters for condition. Are they dirty, wobbly, badly bent? Have they been lubricated in the last six months?

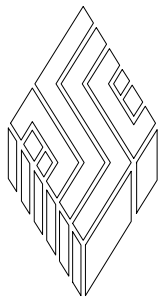
Hair, thread, and other materials can accumulate in the wheel bushing and prevent the brake from holding as it should.

If substantial foreign matter is visible, disassemble the caster assembly, clean it thoroughly, reassemble, and lubricate it (Refer to *Lubrication* on *Page 25*). If cleaning and lubricating the casters does not fix the problem, replace the front casters.

If a wheel/caster assembly is damaged or showing excess wear, replace it.

To order a new caster, contact SSCI Customer Service and order the desired caster as shown in Table 6 on *Page 23*.

***For more information on SSCI's fine line of products
and accessories, talk to your SSCI sales representative.***



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