



7350 Series Support Stands

Installation, Maintenance & Parts Manual



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Table of Contents

Introduction	2	Diagonal Brace Attachment.....	8
Warnings - General Safety	3	Preventive Maintenance and Adjustment	9
Product Description	4	Stand Height Adjustment	9
Specifications	4	Required Tools.....	9
Support Stand Models.....	4	Stands With Feet.....	9
Installation	5	Stands With Casters	10
Required Tools.....	5	Service Parts.....	11
Recommended Installation Sequence	5	Stand w/Feet or Casters	11
Stand Attachment To The Conveyor	5	Outrigger Stand w/Feet or Casters	12
Horizontal Mount Stand - Straight Sections	5	Notes	13
Pivot Mount Stand - Straight Sections	6	Return Policy.....	14
Horizontal Mount Stand - Straight To Curve Section. 7			

Introduction

IMPORTANT

Some illustrations may show guards removed. DO NOT operate equipment without guards.

Upon receipt of shipment:

- Compare shipment with packing slip. Contact factory regarding discrepancies.

- Inspect packages for shipping damage. Contact carrier regarding damage.
- Accessories may be shipped loose. See accessory instructions for installation.

Dorner’s Limited Warranty applies.

Dorner reserves the right to make changes at any time without notice or obligation.

Warnings - General Safety

WARNING

The safety alert symbol, black triangle with white exclamation, is used to alert you to potential personal injury hazards.

DANGER



Climbing, sitting, walking or riding on conveyor will cause severe injury.
KEEP OFF CONVEYORS.

DANGER



DO NOT OPERATE CONVEYORS IN AN EXPLOSIVE ENVIRONMENT.

DANGER



Supports marked with this symbol must be anchored to the floor. Supports not anchored to floor will tip, causing severe injury or death.
SUPPORT MUST BE ANCHORED TO FLOOR.

WARNING



Exposed moving parts can cause severe injury.
LOCK OUT POWER before removing guards or performing maintenance.

WARNING



Loosening stand height or angle adjustment screws may cause conveyor sections to drop down, causing severe injury.

SUPPORT CONVEYOR SECTIONS PRIOR TO LOOSENING STAND HEIGHT OR ANGLE ADJUSTMENT SCREWS.

WARNING



Dorner cannot control the physical installation and application of conveyors. Taking protective measures is the responsibility of the user.

When conveyors are used in conjunction with other equipment or as part of a multiple conveyor system, **CHECK FOR POTENTIAL PINCH POINTS** and other mechanical hazards before system start-up.

Product Description

Refer to **Figure 1** for typical stand components.

1	Support Stand
2	Casters
3	Diagonal Brace

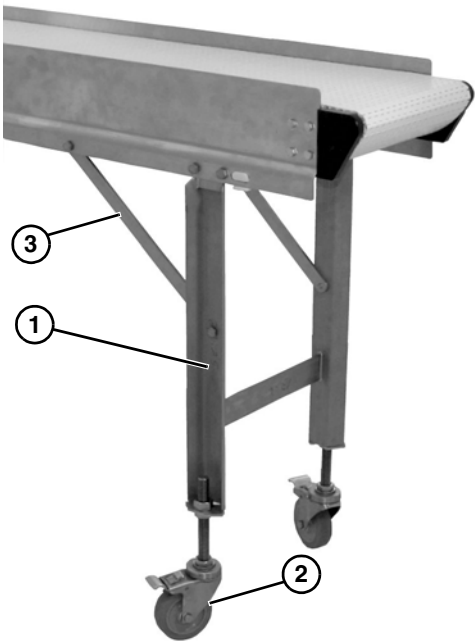
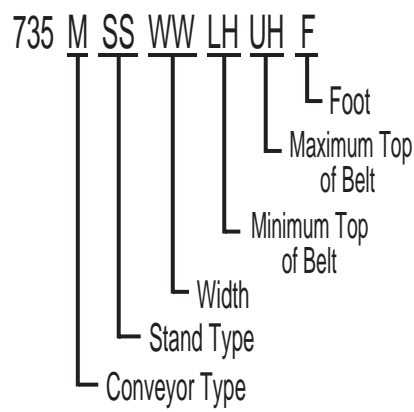


Figure 1

Specifications

Support Stand Models




Required Tools

- Level
- 17 mm wrench
- 24 mm wrench
- 30 mm wrench

Recommended Installation Sequence


- Attach the stand(s) to the conveyor.
- Attach the diagonal bracing, if applicable.
- Adjust the stand height and level.

Stand Attachment To The Conveyor

⚠ WARNING

Exposed moving parts can cause severe injury. LOCK OUT POWER before removing guards or performing maintenance.

Horizontal Mount Stand - Straight Sections

1. Properly support the conveyor or place the conveyor upside down on a flat surface.

⚠ WARNING

Failure to secure screws (Figure 2, item 3) may cause conveyor sections to drop down causing severe injury. TIGHTEN SCREWS (Figure 2, item 3) AFTER ADJUSTMENT.

2. Attach the stand (**Figure 2, item 1**) to the conveyor (**Figure 2, item 2**) and tighten the four bolts (**Figure 2, item 3**).

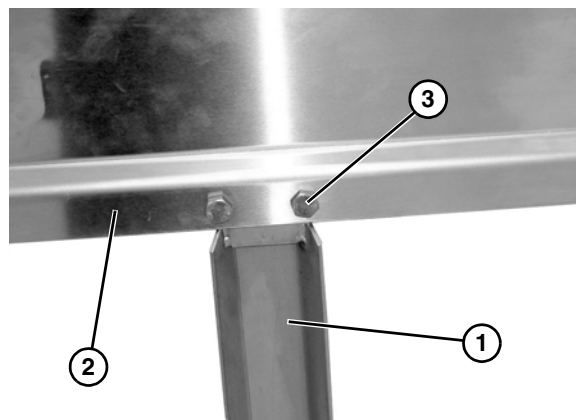


Figure 2

3. Repeat for other stands.
4. Adjust the stand height. Refer to “Stand Height Adjustment” on page 9.

Installation

Pivot Mount Stand - Straight Sections

1. Properly support the conveyor or place the conveyor upside down on a flat surface.
2. For slotted brackets, loosen the two bracket bolts (**Figure 3, item 1**) and adjust the bracket (**Figure 3, item 2**) so that the top is at approximately the same angle as the conveyor. Do not tighten the bolts.

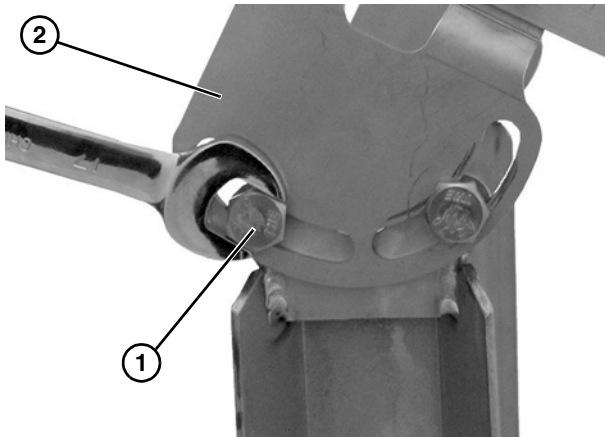


Figure 3

3. Attach the bracket (**Figure 4, item 1**) to the conveyor (**Figure 4, item 2**) and tighten the four bolts (**Figure 4, item 3**).

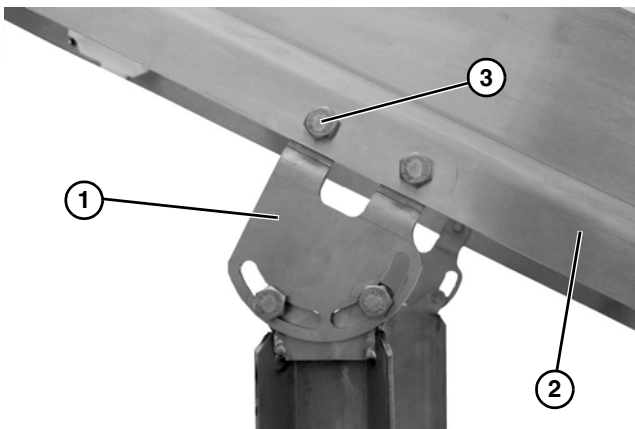


Figure 4

⚠ WARNING



Failure to secure screws (Figure 5, item 2) may cause conveyor sections to drop down causing severe injury.

TIGHTEN SCREWS (Figure 5, item 2) AFTER ADJUSTMENT.

4. Adjust the bracket angle on the slotted brackets (**Figure 5, item 1**) to match the conveyor angle until the legs are vertical and tighten the bolts (**Figure 5, item 2**).

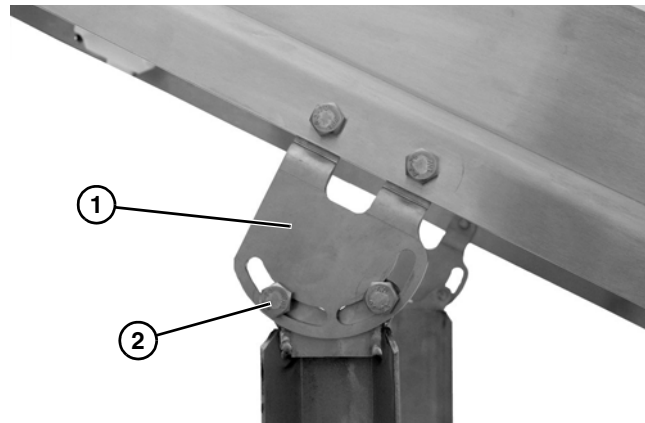
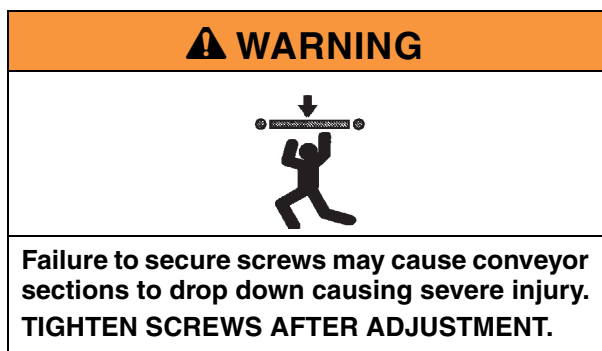


Figure 5

5. Repeat steps 2 through 4 for the other stands.
6. Adjust the stand height. Refer to "Stand Height Adjustment" on page 9.

Horizontal Mount Stand - Straight To Curve Section

1. Properly support the conveyor or place the conveyor upside down on a flat surface.



2. When attaching stand (**Figure 6, item 1**) to curved section on inside curve, make sure mounting hole on stand (**Figure 6, item 2**) is to the outside of curve section and head of bolt is on the inside of curve section.

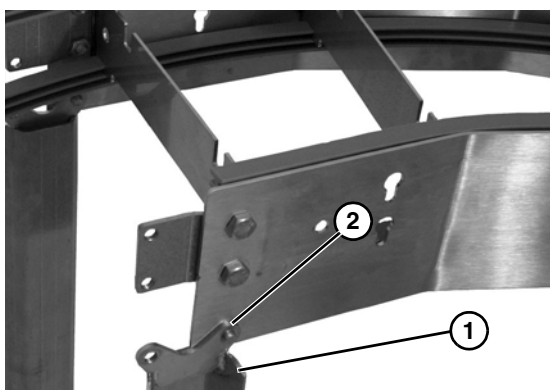


Figure 6

3. When attaching stand (**Figure 7, item 1**) to curved section on outside curve, make sure mounting hole on stand is to the inside of curve section and head of bolt is on the outside of curve section (**Figure 7, item 2**).

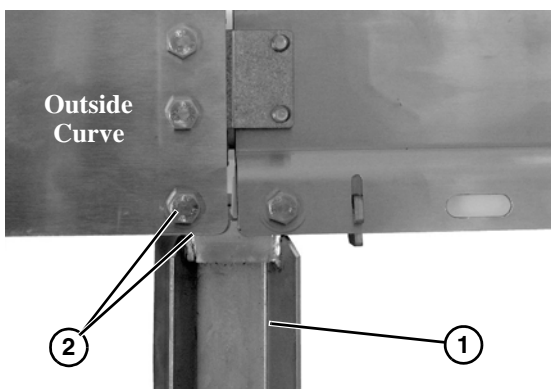


Figure 7

4. Connect the straight section (**Figure 8, item 1**) making sure that the stand mounting hole (**Figure 8, item 2**) is to the inside of the straight section on both sides.

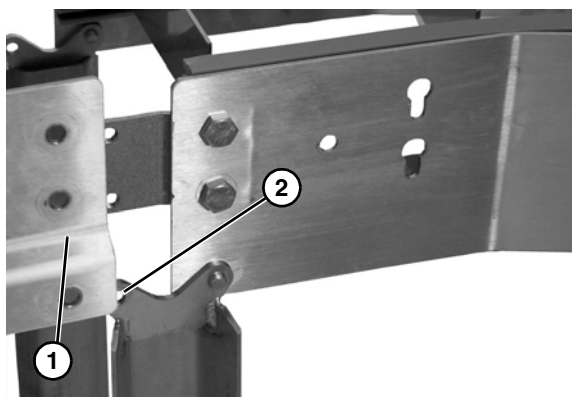


Figure 8

5. Tighten bolts on both sides of sections (**Figure 9, item 1**).

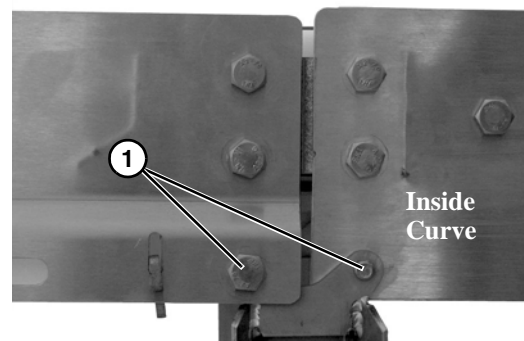


Figure 9

6. Repeat as needed for other stands.
7. Adjust the stand height. Refer to "Stand Height Adjustment" on page 9.

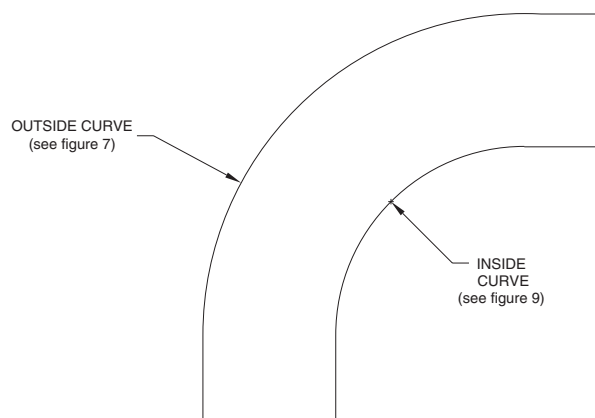


Figure 10

Installation

Diagonal Brace Attachment

1. Install the end of brace with non-threaded hole (**Figure 11, item 1**) onto the inside of the stand (**Figure 11, item 2**).

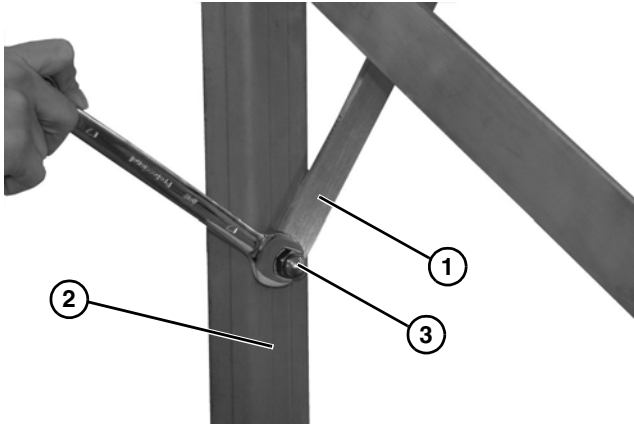


Figure 11

2. Secure the brace with a hex head bolt and nut (**Figure 11, item 3**).
3. Attach the end of brace with threaded hole (**Figure 12, item 1**) to the conveyor with hex head bolt (**Figure 12, item 2**).

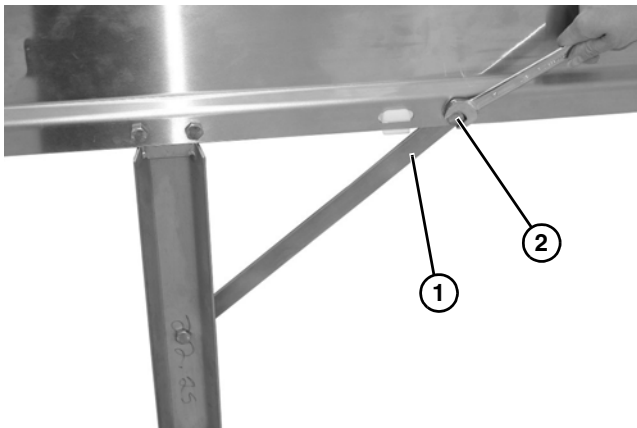


Figure 12

4. Repeat steps 1 through 3 for opposite leg.
5. Tighten all hardware.

Preventive Maintenance and Adjustment

Stand Height Adjustment

Required Tools

- Level
- 17 mm wrench
- 24 mm wrench
- 30 mm wrench

Stands With Feet

⚠ WARNING

SEVERE HAZARD! LOCK OUT POWER before removing guards or performing maintenance. Exposed moving parts can cause serious injury.

1. Loosen the upper nut (Figure 13, item 1) on the foot stem (Figure 13, item 2).

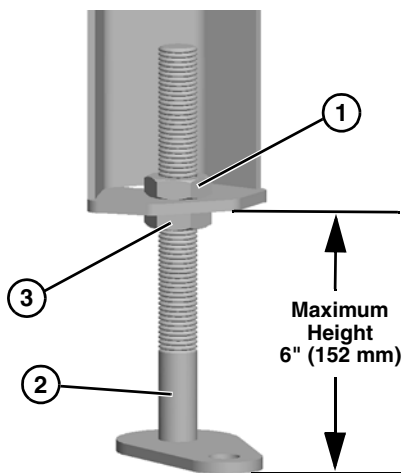


Figure 13

⚠ WARNING

SEVERE HAZARD! DO NOT EXCEED THE MAXIMUM HEIGHT OF 6" (152 mm) from the floor to the bottom of the stand. Exceeding the maximum height will allow parts to separate and may cause serious injury.

2. Rotate the lower nut up or down (Figure 13, item 3) to raise or lower the stand to the desired height.
3. Repeat steps 1 and 2 on the opposite stand leg.
4. Use a level (Figure 14, item 1) to verify that both stand legs are the same height.

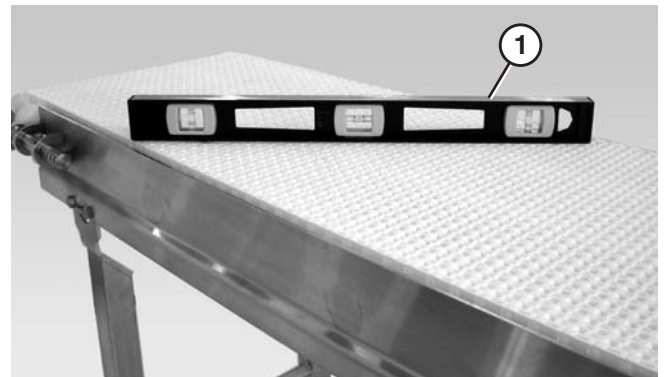


Figure 14

5. Tighten the upper nut (Figure 13, item 1) on the foot stem (Figure 13, item 2) to secure each foot assembly.

Preventive Maintenance and Adjustment

Stands With Casters

WARNING



SEVERE HAZARD!

LOCK OUT POWER before removing guards or performing maintenance. Exposed moving parts can cause serious injury.

1. Loosen the upper nut (**Figure 15, item 1**) on the caster stem (**Figure 15, item 2**).

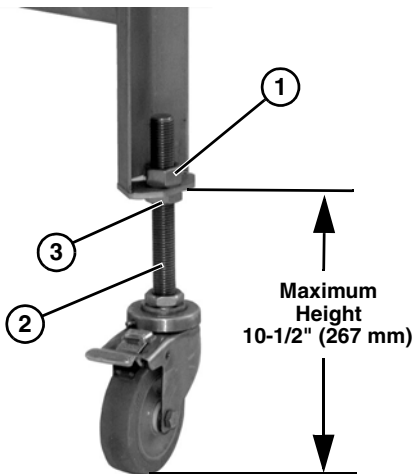


Figure 15

WARNING



SEVERE HAZARD!

DO NOT EXCEED THE MAXIMUM HEIGHT OF 10-1/2" (267 mm) from the floor to the bottom of the stand.

Exceeding the maximum height will allow parts to separate and may cause serious injury.

2. Rotate the lower nut up or down (**Figure 15, item 3**) to raise or lower the stand to the desired height.
3. Repeat steps 1 and 2 on the opposite stand leg.

4. Use a level (**Figure 16, item 1**) to verify that both stand legs are the same height.

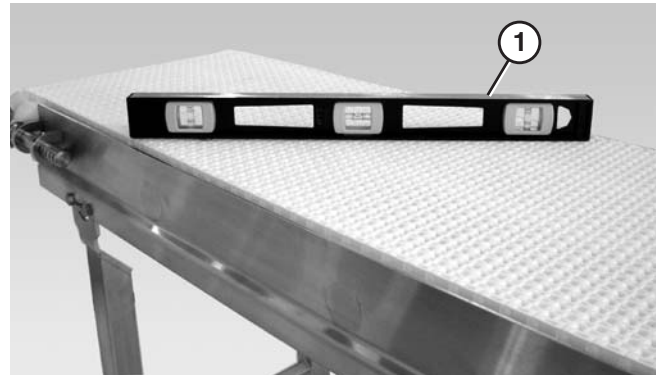



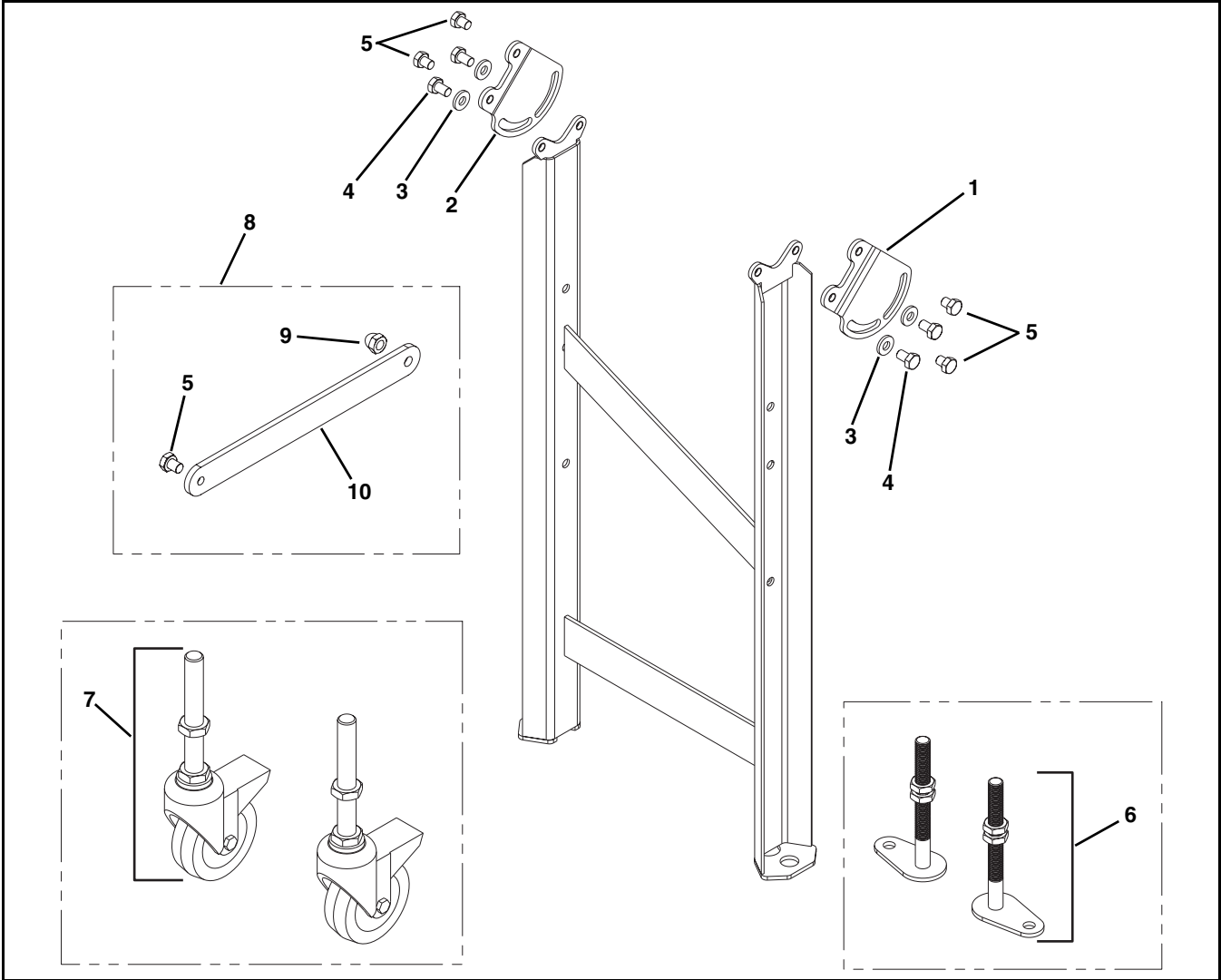
Figure 16

5. Tighten the upper nut (**Figure 15, item 1**) on the caster stem (**Figure 15, item 2**) to secure each foot assembly.

NOTE

For replacement parts other than those shown in this section, contact an authorized Dorner Service Center or the factory. Key Service Parts and Kits are identified by the Performance Parts Kits logo . Dorner recommends keeping these parts on hand.

Stand w/Feet or Casters

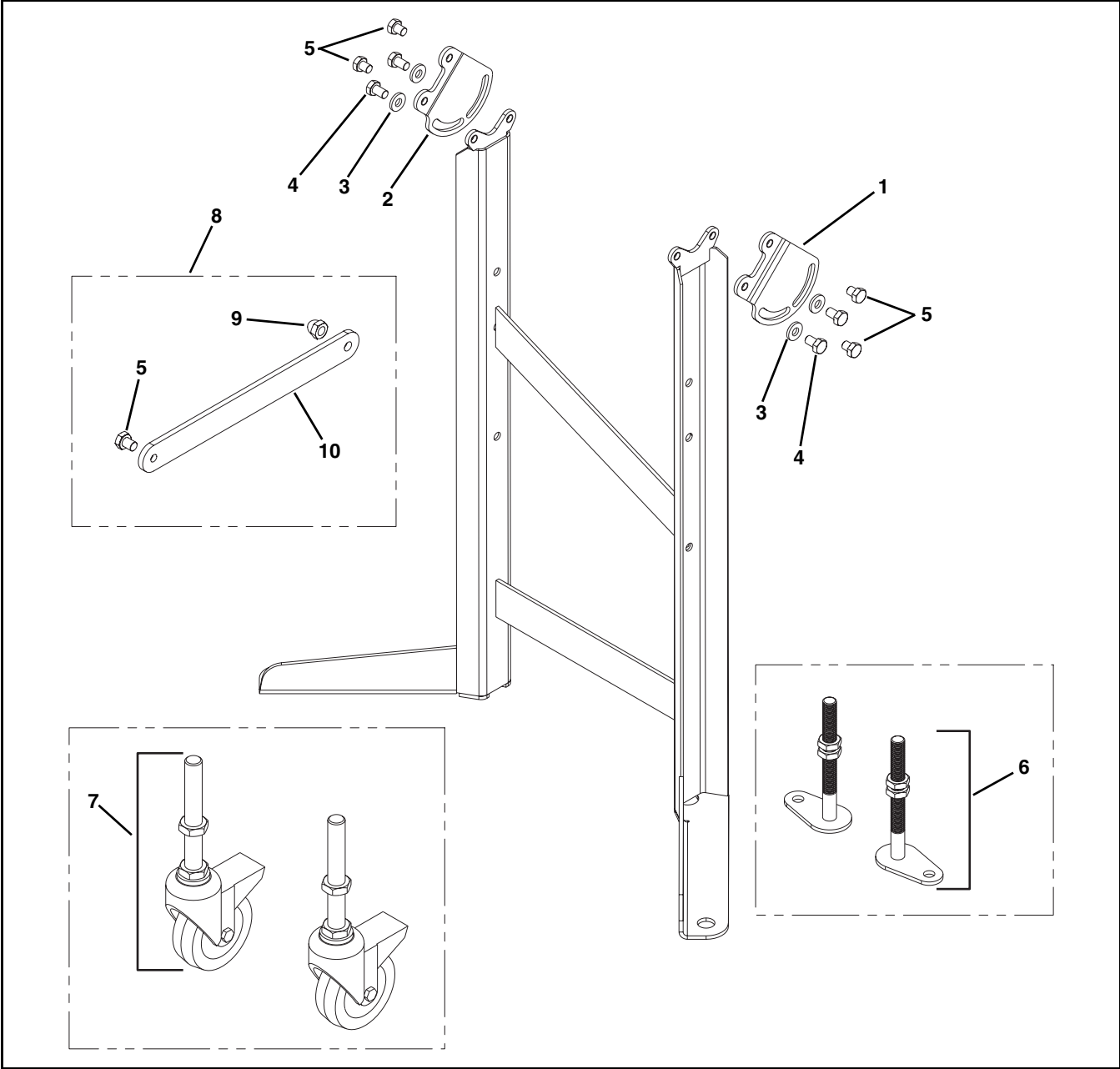


Item	Part Number	Description
1	532212	Pivot Mounting Bracket Left Hand (for angled conveyors)
2	532213	Pivot Mounting Bracket Right Hand (for angled conveyors)
3	807-1821	Washer
4	961016MSS	Hex Head Cap Screw M10-1.5 x 16 mm
5	961012MSS	Hex Head Cap Screw M10-1.5 x 12 mm
6	532036	Foot Assembly
7	458309	Caster Assembly
8	39MB- <u>LLL</u>	Bracing Assembly (Includes Items 5, 9 and 10)
9	991008MSS	Acorn Nut M10-1.50
10	500287- <u>LLLLL</u>	Bracing Bar

Item	Part Number	Description
<u>LLLLL</u> = Length in inches with 2 decimal places. Length Example: Length = 95.25" <u>LLLLL</u> = 09525		
LLL Length Formula $\underline{LLL} = \frac{\underline{LLLLL} - 125}{100}$ with one decimal place Example: $\underline{LLL} = \frac{02175 - 125}{100} = 20.5$ $\underline{LLL} = 205$		

Service Parts

Outrigger Stand w/Feet or Casters



Item	Part Number	Description
1	532212	Pivot Mounting Bracket Left Hand (for angled conveyors)
2	532213	Pivot Mounting Bracket Right Hand (for angled conveyors)
3	807-1821	Washer
4	961016MSS	Hex Head Cap Screw M10-1.5 x 16 mm
5	961012MSS	Hex Head Cap Screw M10-1.5 x 12 mm
6	532036	Foot Assembly
7	458309	Caster Assembly
8	39MB- <u>LLL</u>	Bracing Assembly (Includes Items 5, 9 and 10)
9	991008MSS	Acorn Nut M10-1.50
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LLL Length Formula $\underline{LLL} = \frac{\underline{LLLLL} - 125}{100}$ with one decimal place Example: $\underline{LLL} = \frac{02175 - 125}{100} = 20.5$ $\underline{LLL} = 205$		

Return Policy

Returns must have prior written factory authorization or they will not be accepted. Items that are returned to Dorner without authorization will not be credited nor returned to the original sender. When calling for authorization, please have the following information ready for the Dorner factory representative or your local distributor:

1. Name and address of customer.
2. Dorner part number(s) of item(s) being returned.
3. Reason for return.
4. Customer's original order number used when ordering the item(s).
5. Dorner or distributor invoice number.

A representative will discuss action to be taken on the returned items and provide a Returned Goods Authorization number for reference.

There will be a return charge on all new undamaged items returned for credit where Dorner was not at fault. Dorner is not responsible for return freight on such items.

Conveyors and conveyor accessories

Standard catalog conveyors	30%
MPB Series, cleated and specialty belt conveyors	50%
AquaGard & AquaPruf Series conveyors	non-returnable items
Engineered special products	case by case
Drives and accessories	30%
Sanitary stand supports	non-returnable items

Parts

Standard stock parts	30%
MPB, cleated and specialty belts	non-returnable items

Returns will not be accepted after 60 days from original invoice date.

The return charge covers inspection, cleaning, disassembly, disposal and reissuing of components to inventory.

If a replacement is needed prior to evaluation of returned item, a purchase order must be issued. Credit (if any) is issued only after return and evaluation is complete.

Dorner has representatives throughout the world. Contact Dorner for the name of your local representative. Our Technical Sales, Catalog Sales and Service Teams will gladly help with your questions on Dorner products.

For a copy of Dorner's Warranty, contact factory, distributor, service center or visit our website at www.dorner.com.

For replacement parts, contact an authorized Dorner Service Center or the factory.



Dorner Mfg. Corp. reserves the right to change or discontinue products without notice. All products and services are covered in accordance with our standard warranty. All rights reserved. © Dorner Mfg. Corp. 2008

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