



Low Height Stands

Installation, Maintenance & Parts Manual



DORNER MFG. CORP.
P.O. Box 20 • 975 Cottonwood Ave.
Hartland, WI 53029-0020 USA

INSIDE THE USA
TEL: 1-800-397-8664
FAX: 1-800-369-2440

OUTSIDE THE USA
TEL: 262-367-7600
FAX: 262-367-5827

For other service manuals visit our website at:
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Introduction

IMPORTANT

<i>Some illustrations may show guards removed. DO NOT operate equipment without guards.</i>

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.

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	Crossmember
2	Stand Mounting Bracket (with Conveyor)
3	Leg Assembly (2x)
4	Height Adjustment Point
5	Angle Adjustment Point

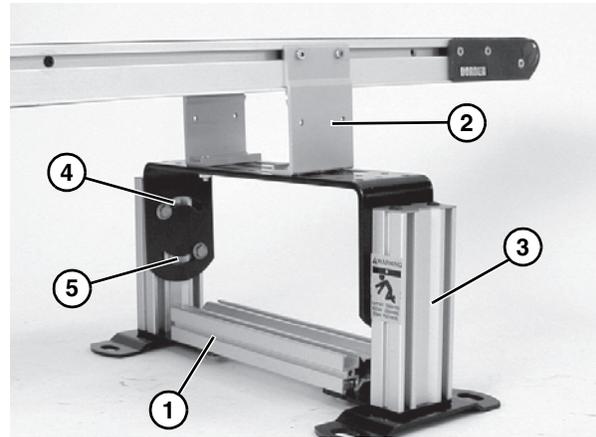
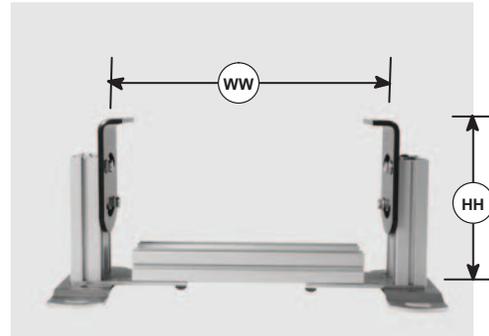
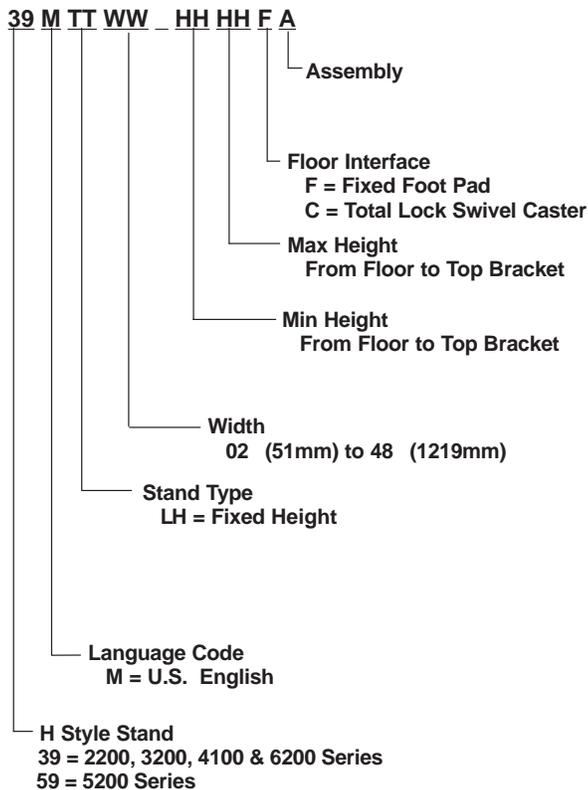


Figure 1

Specifications

Low Height Stand Models



Example: 39MLH12-1012FA

Low height, H style stand for 12" wide conveyors with a minimum height of 10" and a maximum height of 12" with fixed foot pads. It comes assembled and has U.S. English documentation.

⚠ WARNING

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

Recommended Installation Sequence (see Table of Contents for page numbers)

- Assemble stand, if required
- Attach stand(s) to conveyor (see Conveyor Installation Maintenance & Parts Manual)
- Adjust stand height and level (see Adjustment section, page 8)

Required Tools

- 6 mm Hex Key Wrench
- 10 mm Open End Wrench

Assembly

Stands Shipped Partially Assembled

1. Typical components (**Figure 2**).

1	Crossmember
2	Conveyor Mounting Brackets (2 possible configurations)
3	Leg Assembly (2x)
4	End Caps (2x)
5	Push Screws (4x)
6	Hardware Pack

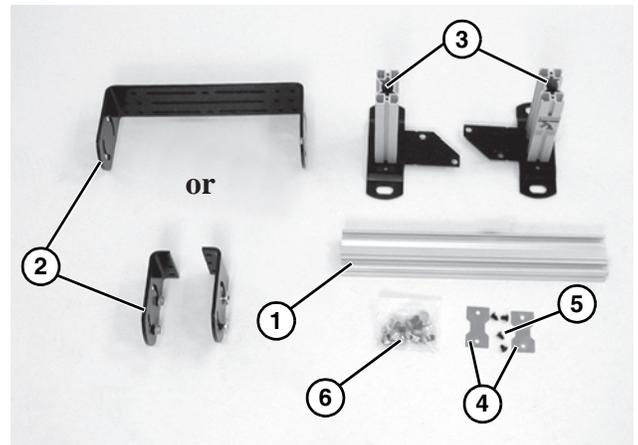


Figure 2

2. Open fastener bag (**Figure 2, item 6**).
3. Install one (1) hex nut (**Figure 3, item 1**) into each crossmember (**Figure 3, item 2**) t-slot (**Figure 3, item 3**).

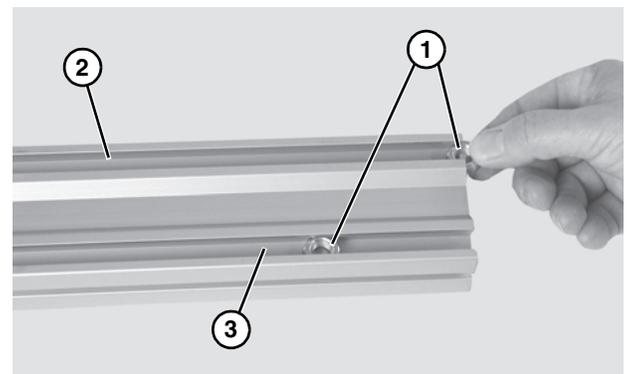


Figure 3

4. Align hex nuts (**Figure 4, item 1**) with leg holes (**Figure 4, item 2**). Attach leg assembly (**Figure 4, item 3**) to cross tube (**Figure 4, item 4**) with button screws (**Figure 4, item 5**). Do not tighten screws.

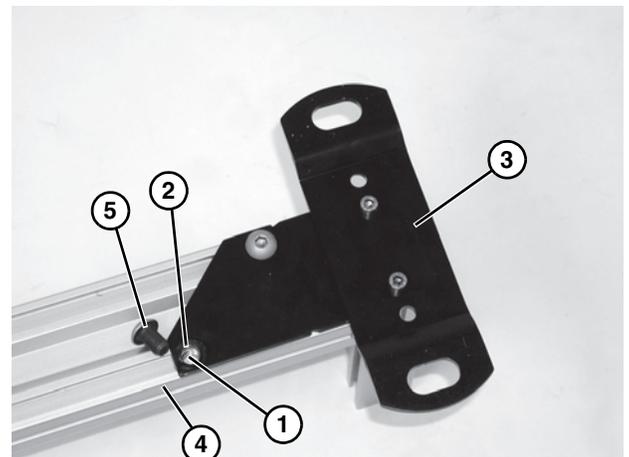


Figure 4

Installation

- Align notch (**Figure 5, item 1**) on leg assembly with edge of crossmember (**Figure 5, item 2**).

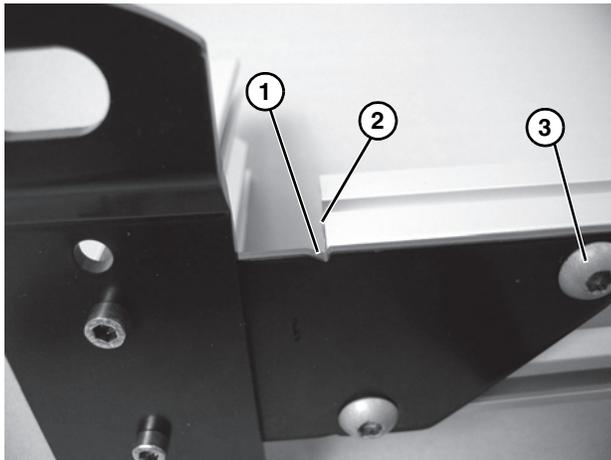


Figure 5

- Tighten button screws (**Figure 5, item 3**) to 150 in-lb (17 N-m).
- Repeat steps 3 through 6 on opposite end of crossmember.
- Attach nut (**Figure 6, item 1**) and flange head hex screw (**Figure 6, item 2**) to each slot of conveyor mounting bracket (**Figure 6, item 3**).

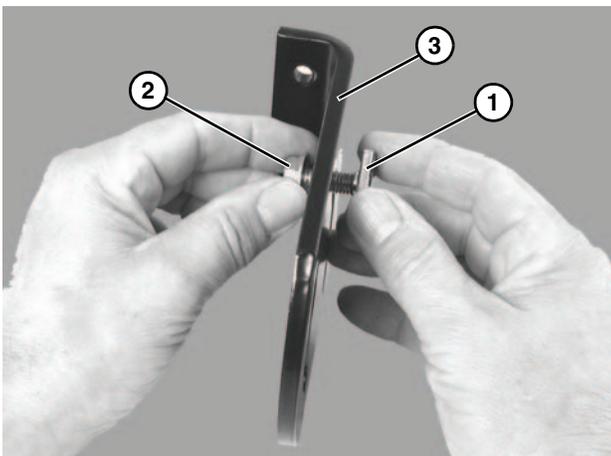


Figure 6

- Align nuts (**Figure 7, item 1**) with inside t-slots on leg assembly (**Figure 7, item 2**). Slide nut into t-slot.

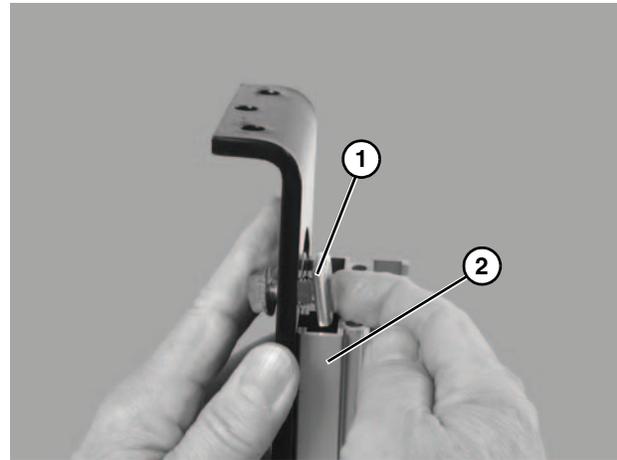


Figure 7

⚠ WARNING



Failure to secure screws (Figure 8, item 1) may cause conveyor sections to drop down causing severe injury. TIGHTEN SCREWS (Figure 8, item 1) AFTER ADJUSTMENT.

- Adjust bracket angle and height. Tighten bracket flange head hex screws (**Figure 8, item 1**). Tighten screws to 150 in-lb (17 N-m).

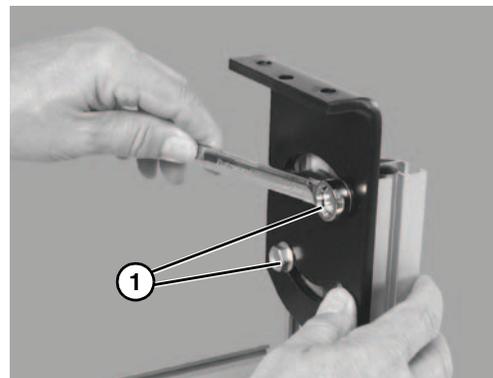


Figure 8

- Repeat steps 8 through 10 on opposite mounting bracket.

- Align end cap (**Figure 9, item 1**) with top of leg assembly (**Figure 9, item 2**).

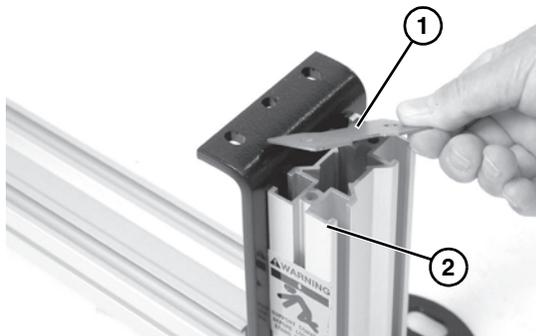


Figure 9

- Attach end cap (**Figure 10, item 1**) to leg by inserting push screws (**Figure 10, item 2**) through holes in end caps and into leg assembly holes.



Figure 10

- Repeat steps 12 and 13 on opposite leg assembly.

Stands Shipped Fully Assembled

- No assembly is required.

Optional Caster Kit

Required Tools

- 17 mm Open End Wrench

Typical Components (Figure 11):

1	Caster (2x)
2	Nut (2x)
(Discard enclosed carriage bolt)	

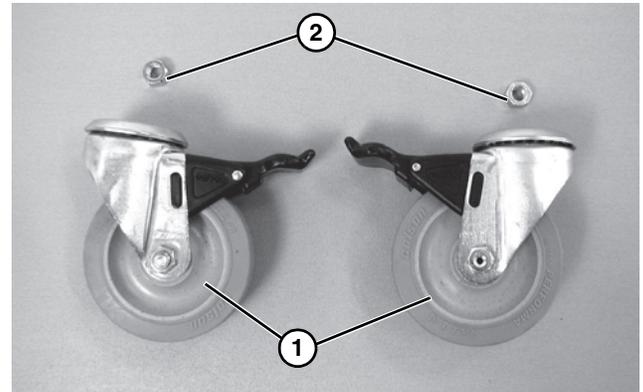


Figure 11

- Install caster (**Figure 12, item 1**) over bolt (**Figure 12, item 2**). Bolt is already assembled in stand leg (**Figure 12, item 3**) and through the tie plate (**Figure 12, item 4**).

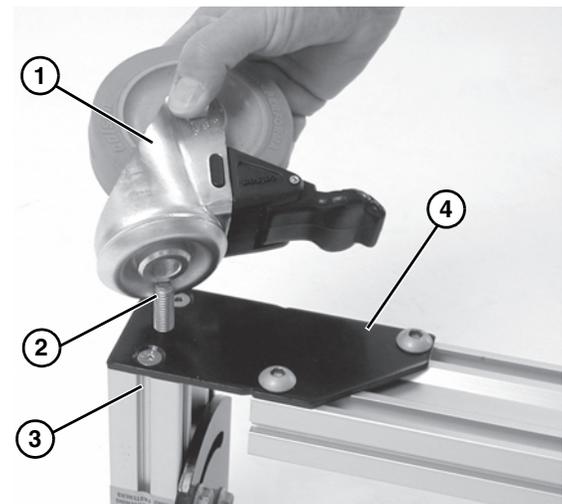


Figure 12

- Place nut (**Figure 13, item 1**) on bolt (**Figure 13, item 2**). Tighten nut to 177 in-lb (20 N-m).

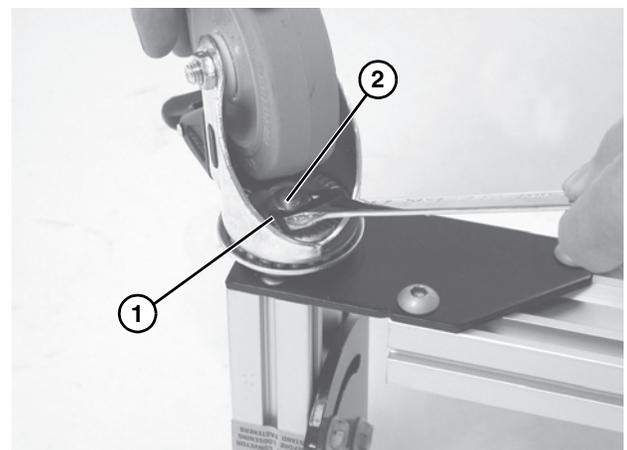


Figure 13

- Repeat steps 1 and 2 on opposite leg.

Preventive Maintenance and Adjustment

Stand Height Adjustment

Required Tools

- 10 mm Open End Wrench

⚠ WARNING

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

1. Loosen mounting bracket (Figure 14, item 1) flange head hex screws (Figure 14, item 2).

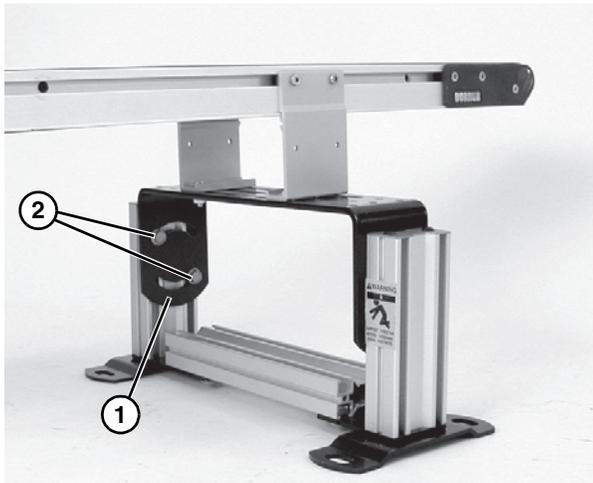


Figure 14

2. Raise or lower mounting bracket (Figure 14, item 1) to the required height.

⚠ WARNING

<p>Failure to secure screws (Figure 14, item 2) may cause conveyor sections to drop down causing severe injury. TIGHTEN SCREWS (Figure 14, item 2) AFTER ADJUSTMENT.</p>

3. Tighten flange head hex screws (Figure 14, item 2) to 150 in-lb (17 N-m).
4. Repeat steps 1 through 3 on opposite stand leg.

Conveyor Angle Adjustment

Required Tools

- 10 mm Open End Wrench

⚠ WARNING

<p>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.</p>

NOTE
<p>To rotate stand top plate, screws (Figure 15, item 1) may need to be re-located to t-slots (Figure 15, item 2).</p>

1. Loosen flange head hex screws (Figure 15, item 1) on both sides of stand.

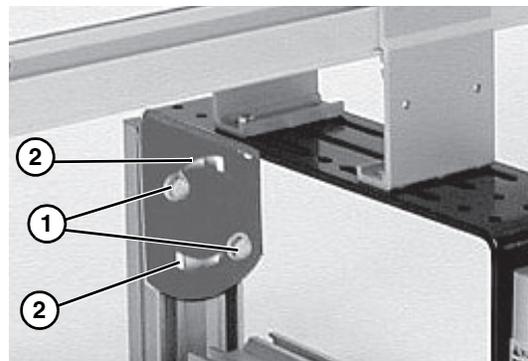


Figure 15

2. Adjust conveyor to desired angle.

⚠ WARNING

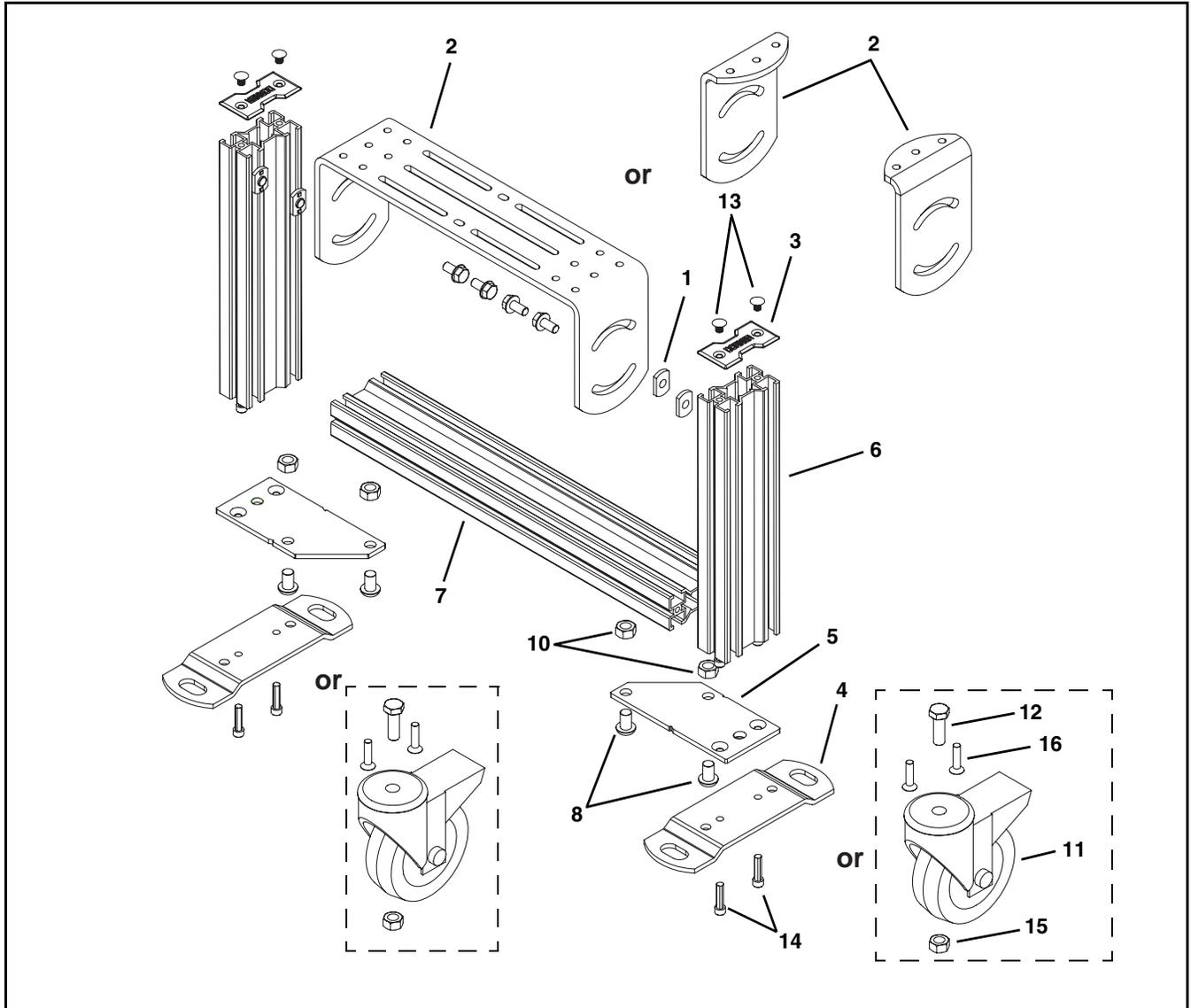
<p>Failure to secure screws (Figure 15, item 1) may cause conveyor sections to drop down, causing severe injury. TIGHTEN ALL SCREWS (Figure 15, item 1) AFTER ADJUSTMENT.</p>

3. Secure screws (Figure 15, item 1) to 150 in-lb (17 N-m).

NOTE

For replacement parts other than those shown on this page, contact an authorized Dorner Service Center or the factory.

Low Height Stand w/Feet or Casters



Item	Part Number	Description
1	807-1075	Weld Nut M8 x 1.25 - 6H
2	202148	Stand Bracket, for Stands 12" wide and under
	200697	Stand Brackets, for Stands 14" wide and over
	352310	Stand Brackets for 5200 Series Only
3	710003	Label-Cover, Stand
4	710004	Foot, Stand, Floor Mounting
5	710007	Tie Plate
6	710211-LLLLL	Stand Leg
7	710210-LLLLL	Crossmember
8	911016M	Button Head Screw, M10-1.50 x 16mm

Item	Part Number	Description
9	960883M	Flange Hex Head Screw, M8 x 16 mm
10	991001M	Nut, Hex, Full M10-1.50
11	807-640	Caster, 4"
12	961030M	Hex Head Cap Screw, M10-1.50 x 30mm
13	807-1289	Rivet, Tree, 0.22 Dia x 0.75 Lg
14	708180P	Socket Head Screw, M6-1.00 x 25 mm
15	807-1303	Lock Nut, M10-1.50
16	930625M	Flat Head Screw, M6-1.00 x 25 mm

LLLLL = Length in inches with 2 decimal places.

Length Example: Length = 95.25" LLLLL = 09525

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%
7400 & 7600 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.



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DORNER MFG. CORP.
975 Cottonwood Ave., PO Box 20
Hartland, WI 53029-0020 USA
USA
TEL 1-800-397-8664 (USA)
FAX 1-800-369-2440 (USA)
Internet: www.dorner.com

Outside the USA:
TEL 1-262-367-7600
FAX 1-262-367-5827