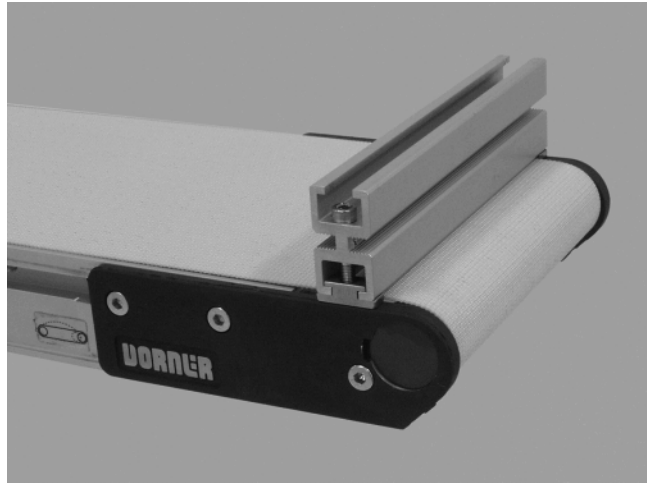


## End Stop for 2200 & MPB Series Conveyors



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# Warnings – General Safety

	<b>WARNING</b>	
<p>The safety alert symbol, black triangle with white exclamation, is used to alert you to potential personal injury hazards.</p>		

		<b>DANGER</b>
<p>Climbing, sitting, walking or riding on conveyor will cause severe injury. <b>KEEP OFF CONVEYORS.</b></p>		

		<b>DANGER</b>
<p><b>DO NOT OPERATE CONVEYORS IN AN EXPLOSIVE ENVIRONMENT.</b></p>		

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

		<b>WARNING</b>
<p>Dorner cannot control the physical installation and application of conveyors. Taking protective measures is the responsibility of the user.</p> <p>When conveyors are used in conjunction with other equipment or as part of a multiple conveyor system, <b>CHECK FOR POTENTIAL PINCH POINTS</b> and other mechanical hazards before system start-up.</p>		

		<b>WARNING</b>
<p>Exposed moving parts can cause severe injury. <b>REPLACE ALL GUARDS BEFORE RUNNING CONVEYOR.</b></p>		

		<b>DANGER</b>
<p>Use of end stop with high friction conveyor belt will cause severe injury. <b>DO NOT</b> use end stop with /03, /08, /55, /62, /64, or other high friction belts.</p>		

## 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 2200 Series conveyors are covered by Patent No. 5,174,435, 5,131,529 and corresponding patents and patent applications in other countries.

Dorner's Limited Warranty applies.



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

## Required Tools

- Hex key wrenches:  
2.5 mm, 4 mm, 5 mm
- Torque wrench

## Mounting When Ordered With Conveyor

	 <b>DANGER</b>
	<p>Use of end stop with high friction conveyor belt will cause severe injury.</p> <p><b>DO NOT</b> use end stop with /03, /08, /55, /62, /64, or other high friction belts.</p>

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

**NOTE:** End stop is designed for parts at least 1/4" thick or larger.

1. Gather components (Figure 1)

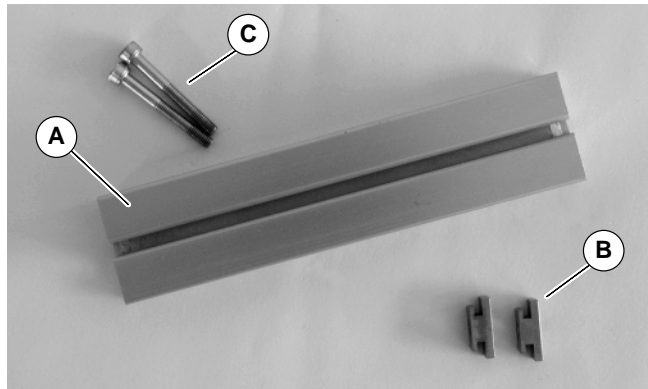


Figure 1

### Installation Component List

- |   |   |
|---|---|
| A | End Stop  |
| B | Spacer (2x)   |
| C | M5 x 40 Socket Head Screw (2x) 2200 Series<br>M5 x 50 Socket Head Screw (2x) MPB Series |

2. Insert spacer (B of Figure 2) in both ends of end stop (A).

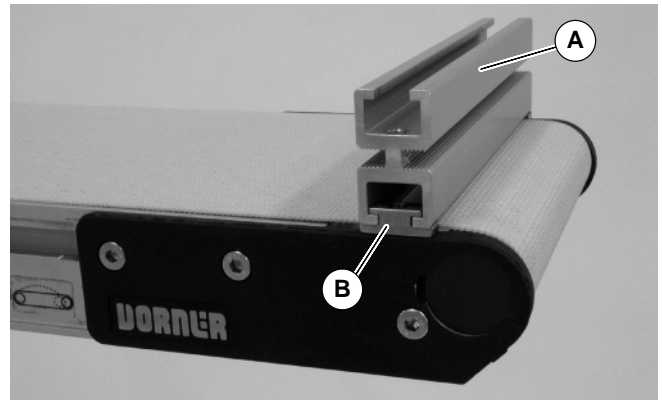


Figure 2

3. Install end stop with spacers (A of Figure 3) on end of conveyor with M5 screws (CC). Tighten screws to 30 in-lb (3.4 Nm).

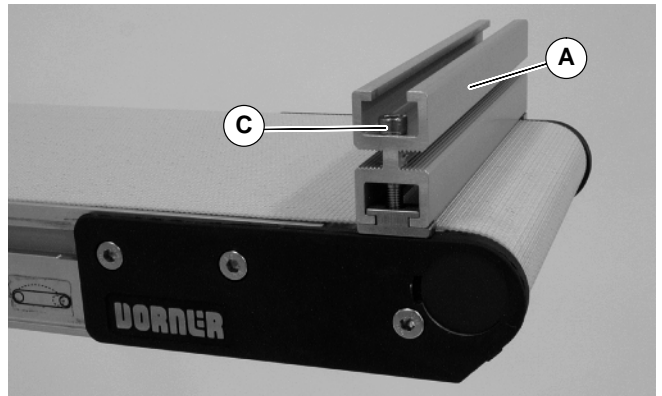






Figure 3

# Installation

## Mounting When Ordered Without Conveyor

	 <b>DANGER</b>
	<p>Use of end stop with high friction conveyor belt will cause severe injury.</p> <p><b>DO NOT</b> use end stop with /03, /08, /55, /62, /64, or other high friction belts.</p>

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

1. Gather components (Figure 4)

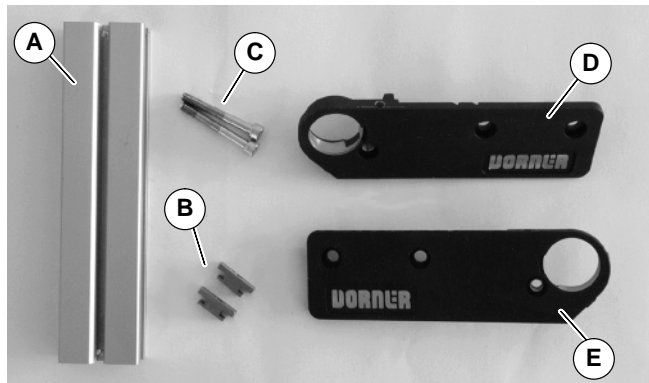


Figure 4

### Installation Component List

A	End Stop
B	Spacer (2.)
C	M5 x 40 Socket Head Screw (2x) 2200 Series M5 x 50 Socket Head Screw (2x) MPB Series
D	Headplate (LH)
E	Headplate (RH)

2. Remove conveyor end pulley. See “Pulley Removal” on page 13 of “2200 Series End Drive Conveyors” manual, part number 851-452.
3. Remove bearings from conveyor headplates and install them into new headplates (D & E of Figure 4). See “Bearing Removal and Replacement” on page 14 of “2200 Series End Drive Conveyors” manual, part number 851-452.

4. Replace end pulley and new headplates. See “Pulley Replacement” on page 15 of “2200 Series End Drive Conveyors” manual, part number 851-452.
5. Install conveyor belt. See belt installation section on page 10 of “2200 Series End Drive Conveyors” manual, part number 851-452.
6. Tension the conveyor belt. See “Conveyor Belt Tensioning” on page 11 of “2200 End Drive Conveyors” manual, part number 851-452.
7. Insert spacer (B of Figure 5) in both ends of end stop (A).

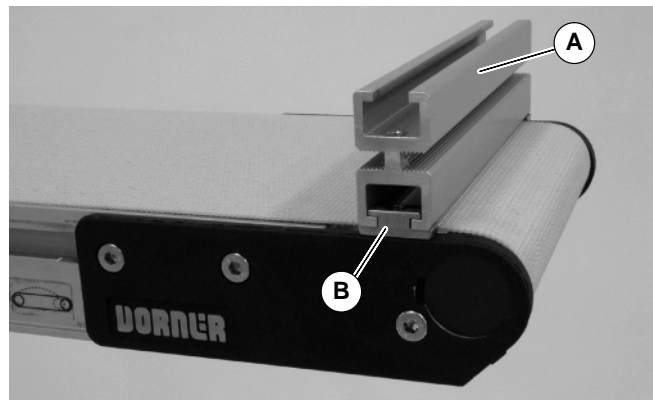


Figure 5

8. Install end stop with spacers (A of Figure 6) on end of conveyor with M5 screws (C). Tighten screws to 30 in-lb (7 Nm).

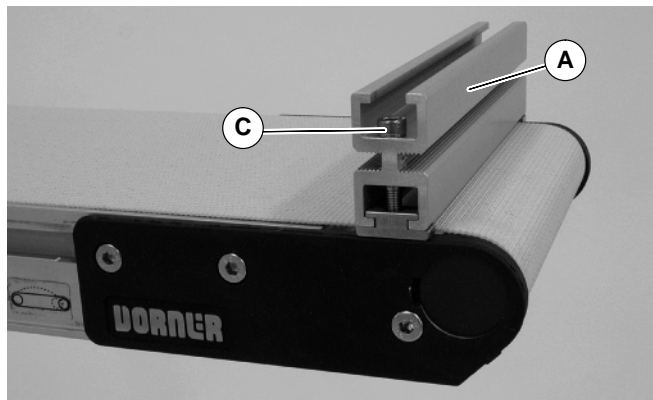
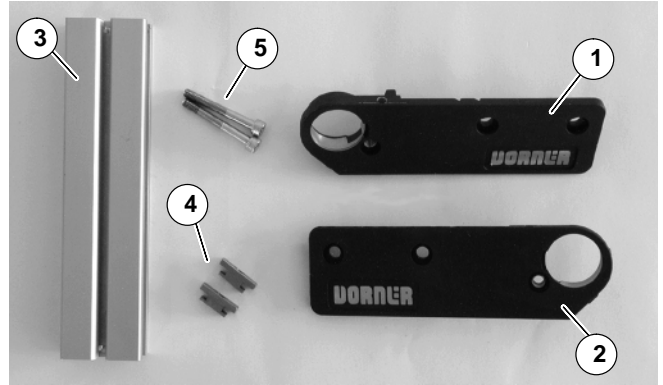


Figure 6

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

Item	Part No.	Part Description
1	240335	Headplate, Left Hand
2	240336	Headplate, Right Hand
3	243002	End Stop, 2" (51mm)
	243003	End Stop, 3" (76mm)
	243004	End Stop, 4" (102mm)
	243005	End Stop, 5" (127mm)
	243006	End Stop, 6" (152mm)
	243008	End Stop, 8" (203mm)
	243010	End Stop, 10" (254mm)
	243012	End Stop, 12" (305mm)
	243018	End Stop, 18" (457mm)
	243021	End Stop, 21" (533mm)
	243024	End Stop, 24" (610mm)
4	243025	Stand-off Spacer (2200 Series)
	245855	Stand-off Spacer (MPB Series)
5	920540M	M5 x 40mm Socket Head Screw (2200 Series)
	920550M	M5 x 50mm Socket Head Screw (MPB Series)



**Figure 7**

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## Return Policy

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No returns will be accepted without prior written factory authorization. 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. 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 to reference.

There will be a 15% restocking charge on all new items returned for credit where Dorner was not at fault. These will not be accepted after 60 days from original invoice date. The restocking charge covers inspection, cleaning, disassembly, and reissuing 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. Feel free to contact Dorner for the name of your local representative. Our technical sales and service staff will gladly help with your questions on Dorner products.

For a copy of Dorner's Limited Warranty, contact factory, distributor, service center or visit our website @ [www.dorner.com](http://www.dorner.com)

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

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