



# RETURN ROLL GUARD


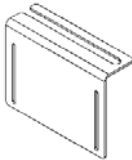

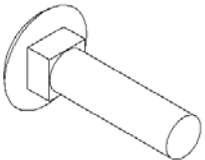



## IMPORTANT – SAFETY INSTRUCTIONS

Compliance with safety standards, including OSHA and other federal, state and local codes or regulations, is the responsibility of the user of the conveyor installation. Placement of guards and other safety equipment in accordance with safety standards is dependent upon the area and use of the system. A safety study should be made of the conveyor application and guards should be installed wherever appropriate. *Safety Standards for Conveyors and Related Equipment* ANSI B20.1 is a guide for safe construction, installation, operation and maintenance of conveyors and related equipment.

The stated purpose of ANSI Standard B20.1 is to present certain guidelines and safety practices that will assist in establishing a safe work place. It is important to realize that the best design and safety features can be useless in conjunction with faulty maintenance and operating practices.

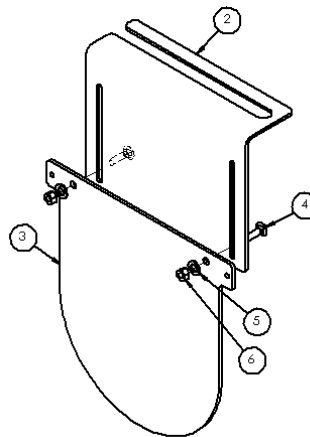
The broad scope of ASME/ANSI Standard B20.1 precludes its inclusion in this manual. However, it is highly recommended that those responsible for assuring safety in the installation, operation and maintenance of belt conveyors and equipment, acquire and use Standard B20.1 as a reference and guide.

## PARTS

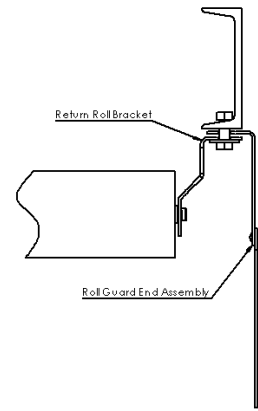
|   |   |  |  |
|---|---|--|--|
|  <p>1. Trough Shield 1X</p>      |  <p>2. Drop Bracket 2X</p>   |  <p>3. Trough End 2X</p>                 |  <p>4. 1/4" x 1" Carriage Bolt 4X</p> |
|  <p>5. 1/4" Flat Washer 4x</p> |  <p>6. 1/4" Hex Nut 4X</p> |  <p>7. 3/16" x 1 1/4" Linch Pin 4X</p> |  |

## ASSEMBLY/INSTALLATION

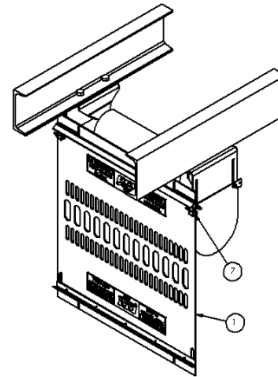
1. Assemble the 2 end assemblies as shown, snugging the 4 nuts finger tight.



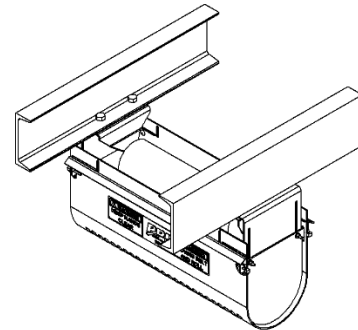
2. Loosen the bolts that hold the return idler bracket to the conveyor framework.
3. Slide the roll guard end assembly between the conveyor framework and the return idler bracket as shown. Center the end assembly about the return roll bracket.
4. Retighten the bolts that hold the return roll bracket to the conveyor framework.
5. Repeat for the other side of the conveyor.



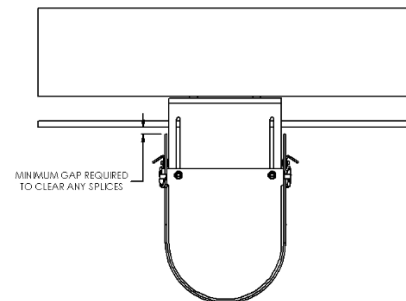
6. Fasten one side of the shield on both ends using 2 of the linch pins.



7. Roll the shield around the bottom of the end assemblies and fasten the other side using the remaining 2 linch pins.



8. Adjust the height of the guard so that there is just enough clearance between the top of the guard and belt for any splices that may be in the belt. The corners of the shield may be removed for clearance if the shield interferes with the framework, preventing the shield from being adjusted close enough to the belt. Tighten the four 1/4" nuts.



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