

RETURN ROLLER GUARD

Installation Guide

Safety First!

Before installing this kit, be sure all power to the conveyor system has been disconnected and all controls are locked out.

Disclaimer: Remove return roller for ease of installation of the Argonics Return Roller Guard.

Step 1. Clamp or support the return roller mounting bracket to the conveyor framework. Loosen one of the $\frac{1}{2}$ " return roller bracket mounting bolts $\frac{1}{4}$ "; slide the Argonics mounting bracket between the OEM return roller bracket and the washer. Remove the other $\frac{1}{2}$ " nut and slide the mounting bolt up enough to swing the mounting bracket into place. Center it between the two mounting bolts and tighten both bolts to the specified torque recommendations. Repeat this step on the other side.

Note: You may need to replace the return roller mounting bracket bolts with longer ones.

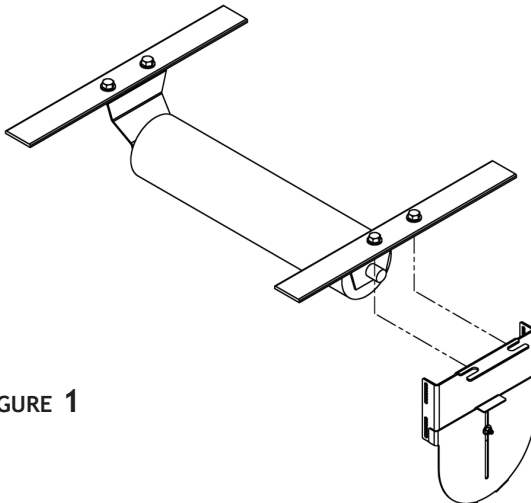


FIGURE 1

Step 2. Slide half of the supplied $\frac{1}{4}$ "-20 \times 1- $\frac{1}{4}$ " bolts onto the web support. Mount the web support to the inside of the Argonics mounting bracket using the proper hole according to roller diameter and idler drop (see figures 2 & 3). For other idler/bracket configurations, contact Argonics. Repeat this step on the other side.

FIGURE 2

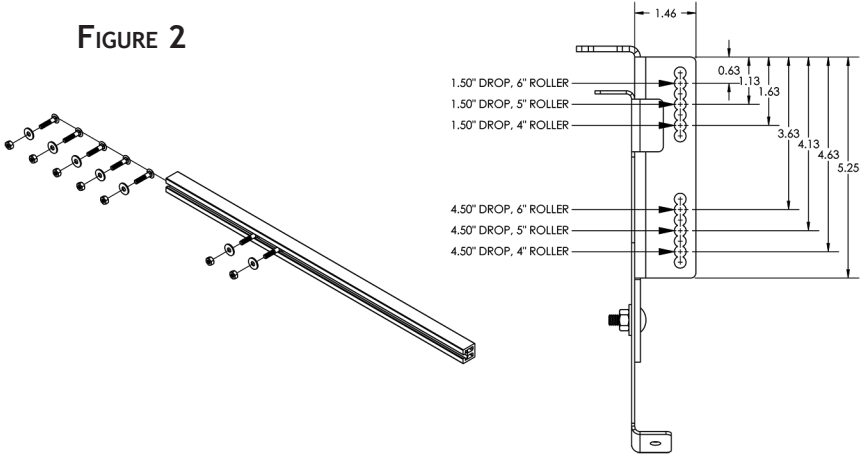
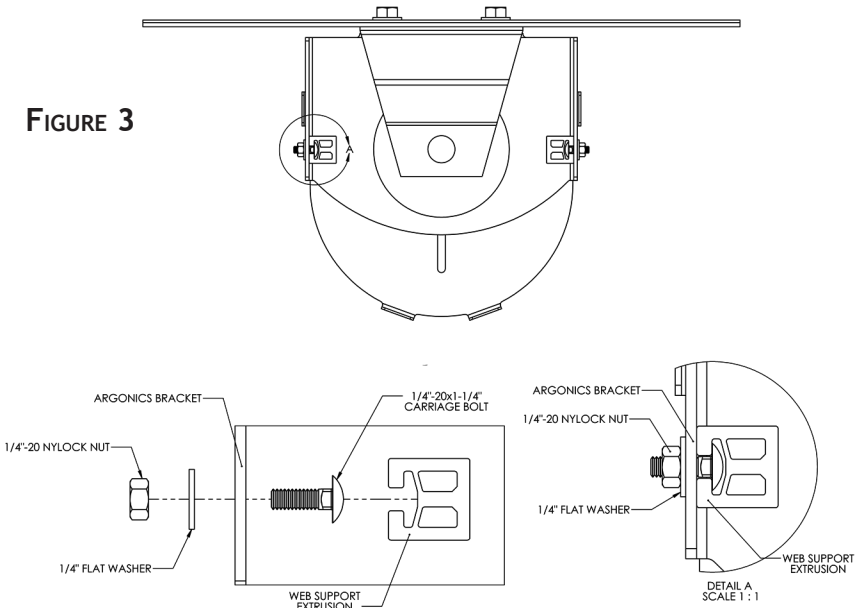
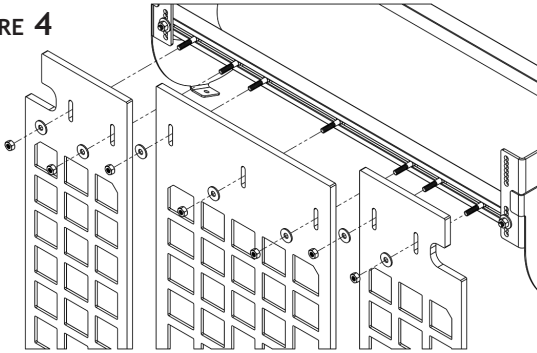


FIGURE 3



Step 3. Starting with one of the 7" end webs, install the supplied webs by sliding them over the carriage bolts and install the flat washer and nylock nut. Leave them loose enough for adjustment. Next, bend the web under the roller and attach to the opposite webbing support using the same method as before (see figure 4).

FIGURE 4



Step 4. Adjust the webbing so that it is centered between the mounting brackets and maintains proper clearance between the top of the webs and the belt using either the holes on the mounting bracket or the slots in the web (see figure 5). Tighten all webbing hardware has been properly installed and torque to the recommended specification.

Note: For belts with bad carryback, the leading edge of the return roll guard should make contact with the belt. Mount the trailing edge of the web one hole lower than the leading edge.

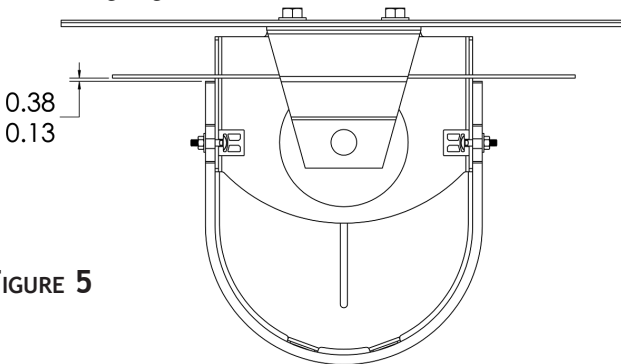


FIGURE 5

Step 5. Loosen the 1/4" nut and lower the end plate until it rests against the bottom of the webbing. Repeat on the other side.

Note: All hardware must be periodically checked and re-tightened if necessary to maintain proper and safe function.

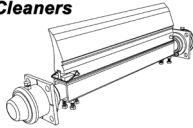
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The Return Roll Guard is protected by the following patents: 6,318,545
and 7,284,658.