

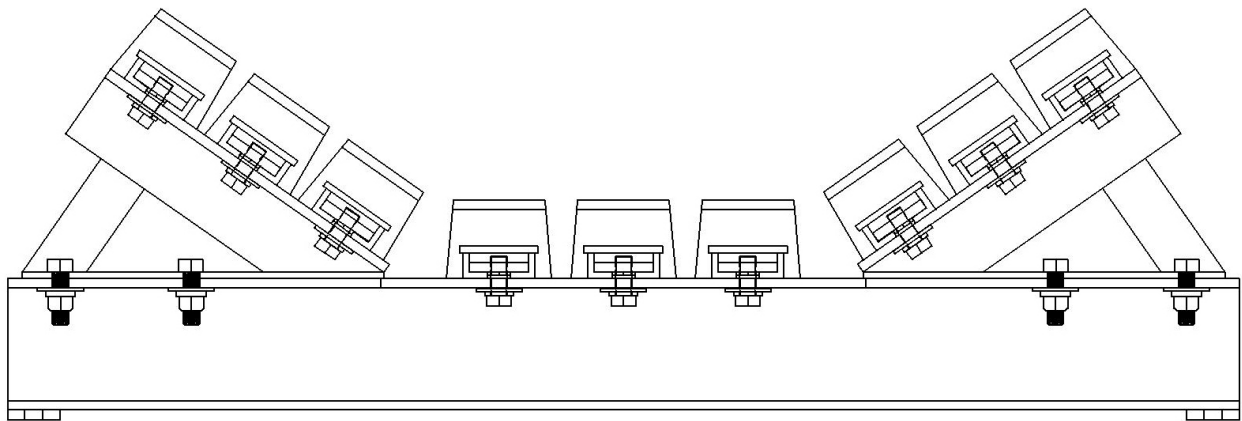


SIMPLICITY IMPACT SYSTEM

STEEL TRACK IMPACT BARS

[INSTALLATION INSTRUCTIONS]

SHUT DOWN AND LOCKOUT CONVEYOR BEFORE PERFORMING ANY MAINTENANCE

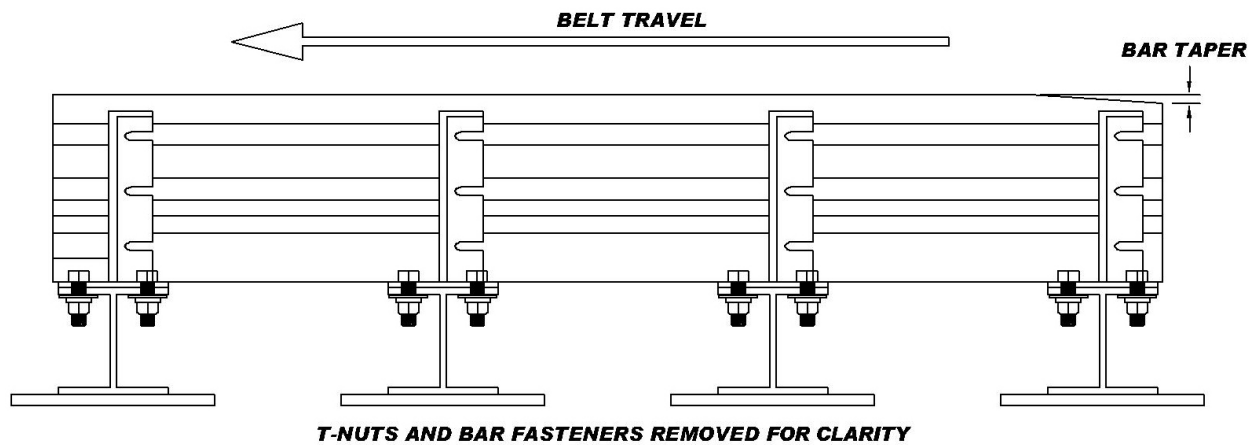


STEP 1

Remove the existing idlers from the conveyor structure. Inspect the structure for any damage or misalignment. If needed, the structure must be fixed before installation of the impact system.

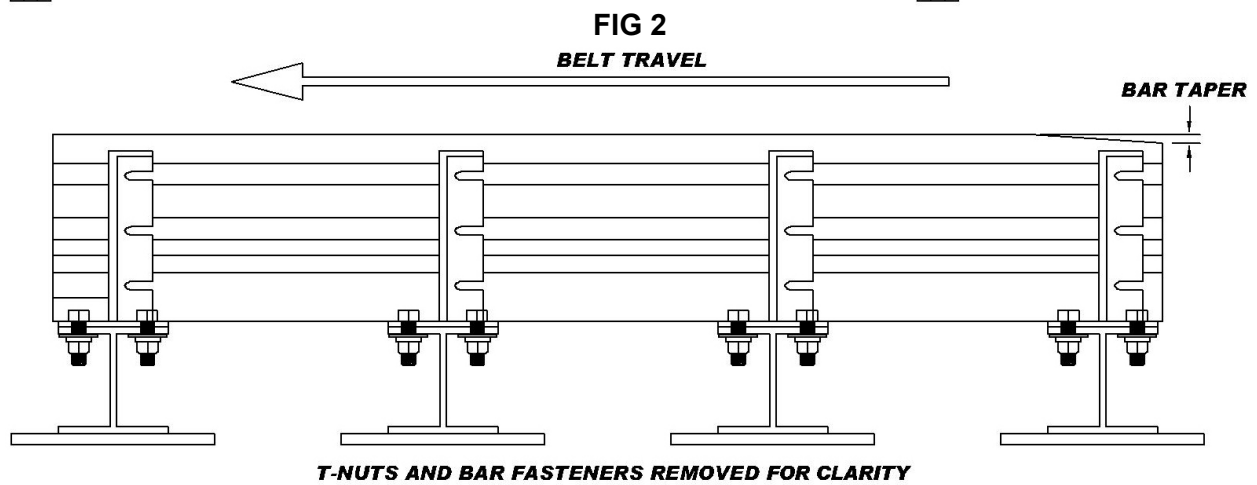
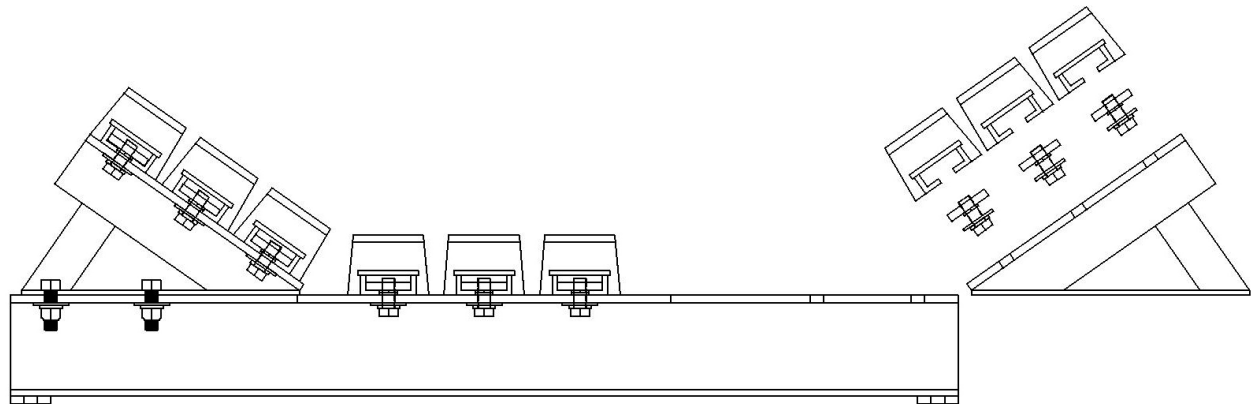
STEP 2

Check the height of the center of the stands without the bars mounted to them. This measurement should be approximately 3 1/4" less than the center roll height of the existing idlers. The first and last stand should be located to support the ends of the impact bars. Note the orientation of the slots in the stands in relation to the direction of belt travel. (See Fig 1) The wing brackets of the impact stands can be removed if needed for ease of installation, however it is not required. (Fig 2)



STEP 3

It is critical that the stands are aligned with the conveyor system. Any misalignment will cause belt training and tracking problems.

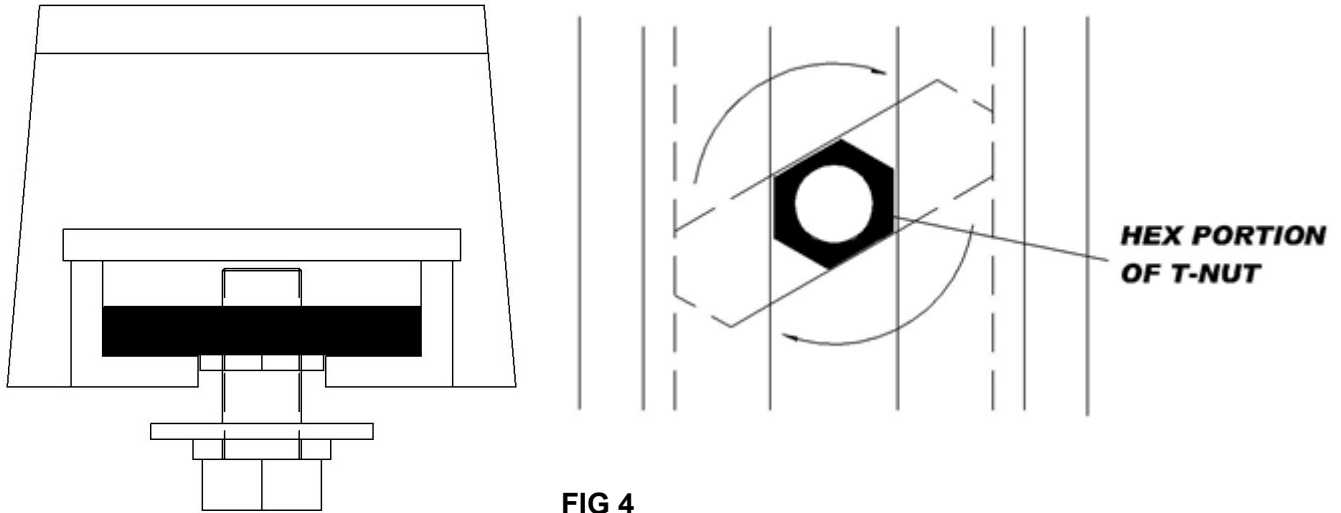


STEP 4

Mount the impact bars on the stands with the tapered end of the bar pointing away from the direction of belt travel. (Fig 3) Install the T-Nuts in the bars and ensure the T-Nuts are fully rotated in the slot when tightening the bolt. The hex portion of the T-nut should be engaged

into the open slot on the bar. A flat washer and lock washer must be used with the fastener and T-nut (Fig 4).

Tighten the bolts evenly to 85 or 90 ft. pounds of torque. As bolts are tightened again, ensure the T-nut is fully rotated into the bar and the hex portion is seated in slot of the bar (Fig 4). A 15/16" socket or wrench is required.



STEP 5

Test run the conveyor then recheck all bolts and bars for security. Inspect the bottom side of the conveyor belt for any damage or foreign object embedded in the belt.

The System should be inspected after 8 hours of operation for any loose bolts or damage. The system should then be included in the normal inspection schedule.

SIMPLICITY IMPACT BAR

Standard Length 48" – 60" – 72"



If there are any questions or comments, please contact Arch at 1.800.553.4567.

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