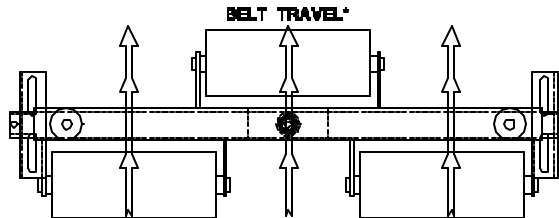


Arch Environmental Equipment, Inc.
TRI-RETURN TRAINING IDLER
INSTALLATION INSTRUCTIONS

SHUT DOWN AND LOCKOUT CONVEYOR BEFORE PERFORMING ANY MAINTENANCE

Tips for selecting the mounting location of the Tri-Return:

- If installing near the tail pulley, be sure there is at least one standard return idler between the Tri-Return and the tail pulley.
- If installing in the middle of the conveyor system, the Tri-Return should be located prior to the point of worse deflection.



STEP 1

Once you have determined the location where the Tri-Return will be installed, you must remove the existing return idler.

STEP 2

After the old idler is removed, you must mount the hanger brackets. For now, thread the nuts on the bracket bolts the depth of the nut.

STEP 3

Now insert one end of the Tri-Return assembly into the hanger bracket. You must now lift the opposite end and insert it into the opposite side hanger bracket. (see figure 1)

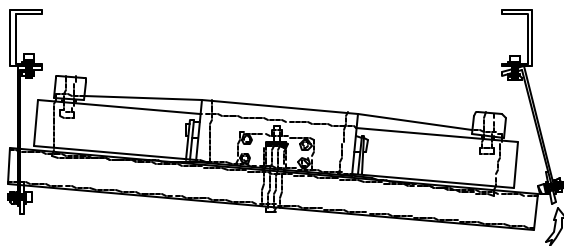


Fig. 1

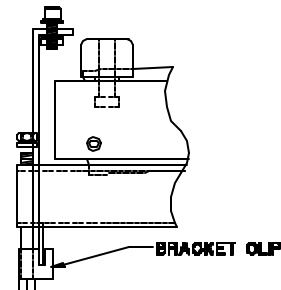


Fig. 2

STEP 4

At this point, completely tighten the mounting bolts in the hanger brackets.

STEP 5

Now install the bracket clips & bolts. Be sure the threaded end of the bolt is pointed upward. Now completely tighten the nut on the bolt. (see figure 2)

STEP 6

Before startup, inspect the installation to be sure that the Tri-Return is completely supporting the belt. You should not be able to see light between the belt and the Tri-Return rolls.

NOTE: The Tri-Return Training Idler is just as effective on reversing belts