

INSTALLATION FOR LEADING EDGE® PERFORMANCE LINK

Tools Required: Wrench, Vise-Grips, Bolt Cutters, Hammer, Welder,
Hack Saw, File or Grinder, Safety Shield

CAUTION: Improper installation procedures can cause premature failures, damage to belt or conveyor, reduced performance, or unnecessary downtime.

SAFETY WARNING: Never attempt installation or maintenance on a moving conveyor belt. Conveyor must be "off" with the power source locked out. Always wear proper safety equipment when performing installation or maintenance. Keep clear of moving conveyor belts at all times.

Procedure

1. Leading Edge® Performance Link is normally shipped in 50-foot rolls. In order to make the belt endless, connect one or more sections of belting together. Connecting rods and nuts are supplied.
 - a. The belt should be placed on the conveyor with proper orientation to the direction of travel (Figure 1).
 - b. The threaded connector rods must be installed with the nuts located on the outside belt edge to prevent damage to the conveyor inside radius wear surface.
 - c. Insert threaded connector rod and attach nut. Insure that the nut does not protrude farther than adjacent rod button heads (Figure 2).
 - d. Remove excess threaded length with a hacksaw or hand grinder.
 - e. Fix nut from rotating by very lightly tack weld or solder nut to rod. (Do not weld nut or rod to reinforcing bars.)
 - f. Deburr sharp protrusions, so that the result is smooth and uniform with the adjacent rod welds.

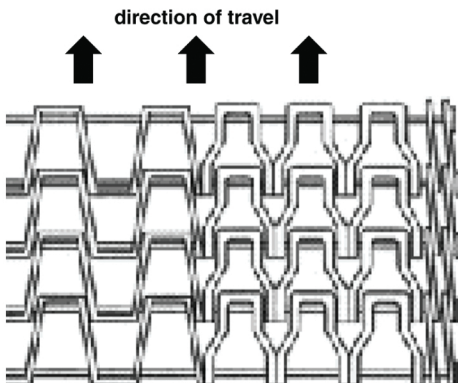


fig. 1

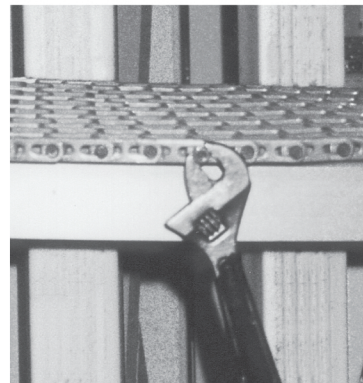


fig. 2

2. Drive Shaft Sprockets: (see fig. 3)

- The outside sprocket is located in the third link from the outside edge.
- The next sprocket is located in the fifth opening from the outside edge of the wicket, and then approximately every 6 inches across the width of the belt. ***note: Leading Edge sprockets must drive against crossrod**
- The inside drive sprocket is to be placed in the third opening from the inside edge of the belt.
- Leading Edge Belting requires support roll(s) outside of the outermost placed sprocket. (see fig. 4)

MAINTENANCE

FOR LEADING EDGE® PERFORMANCE LINK

The following are some general recommendations for achieving optimum performance from your Leading Edge® Performance Link.

- Periodically inspect belt for damage, excessive sag, or interference with the conveyor structure.
- Operation of the belt with severely worn sprockets may result in abnormal belt wear. Sprockets should be periodically checked and replaced when worn.
- Belt life is directly related to system cleanliness and lubrication. The belt should be kept clean and free from foreign objects. Under certain conditions wear strips should be lubricated on a periodic basis.

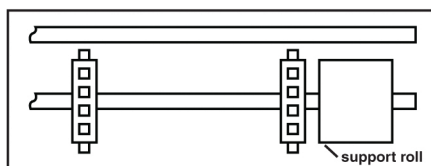
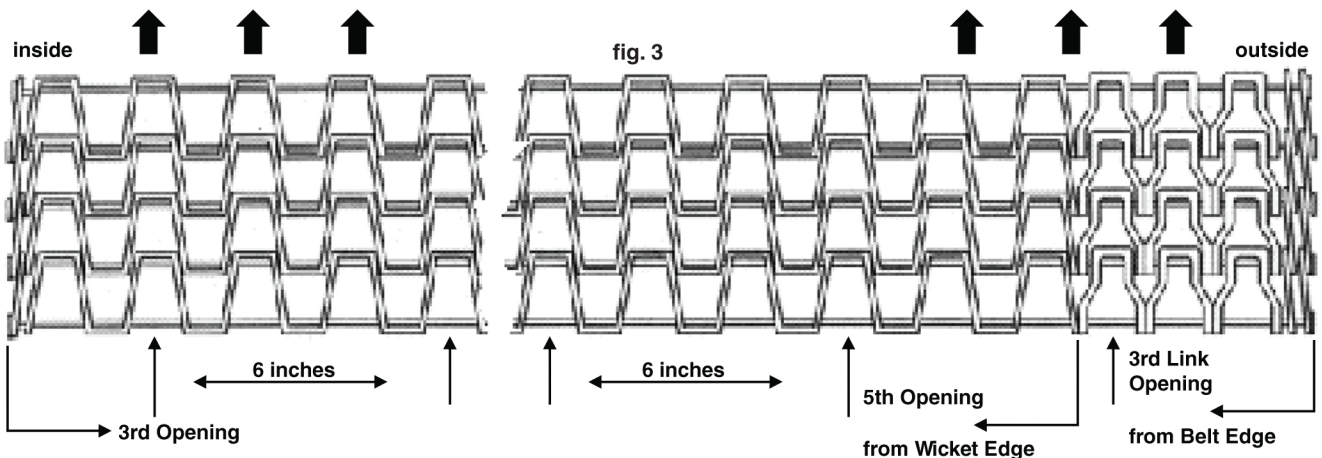


fig. 4