

LOCKWIRE INSTALLATION INSTRUCTIONS

ACI Services, Inc.

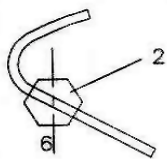
PB-0105 Rev. 0; August 19, 2011

This type of locking device is used on fasteners so that they remain in place. Properly installed lockwire uses one fastener to keep another secure. Lockwire **must be tight** and **never over-stressed**. When lockwiring, confirm that the location of the wires will not obstruct pathways of other components.

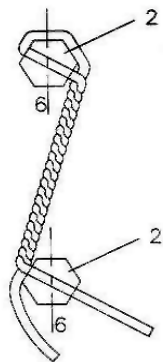
INSTALLATION: Only use wire exclusively designed for this purpose.

- 1) Always wire fasteners in pairs. If there is an odd number, only one (1) group of three is permitted.
- 2) The hole in the fastener must be positioned between a 2 and 6 o'clock position in relation to a plane passing through the centers of two (2) fasteners (right-hand threads).
- 3) Insert one end of the wire through the hole; wrap the other end around the fastener in a clockwise direction (for right-hand threads). See **Step 1** below.
- 4) Twist the wire in a clockwise direction, keeping tension on the wire. See **Step 2** below.
- 5) Push one end of the wire through the hole in the second fastener and wrap the other end around the fastener in a counterclockwise direction, then finish twisting both ends of the wire counterclockwise. See **step 3** below.
- 6) Trim off excess wire and turn twisted ends inward, along side of the fastener (avoid sharp projections). See **step 4** below.

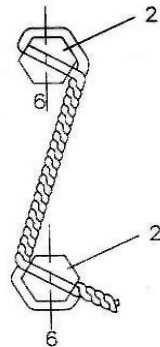
NOTE For left-hand threads: Reverse all clockwise and counterclockwise stated directions in the above instructions.



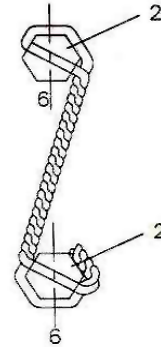
STEP #1



STEP #2



STEP #3



STEP #4