LOCKWIRE INSTALLATION INSTRUCTIONS
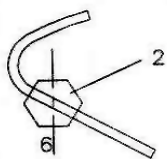## ACI Services, Inc.
PB-0105 Rev. 0; August 19, 2011

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.
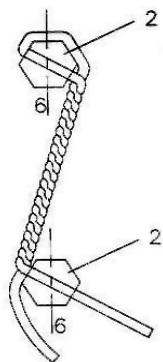
INSTALLATION: Only use wire exclusively designed for this purpose.

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.

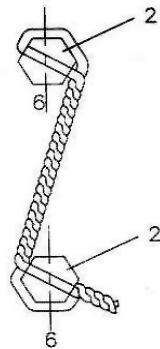***NOTE*** For left-hand threads: Reverse all clockwise and counterclockwise stated directions in the above instructions.
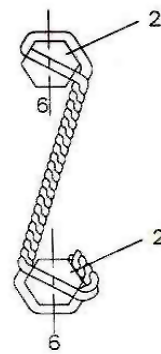

STEP #1   STEP #2   STEP #3   STEP #4