

EAGLE SureConnect™

INSTALLATION INSTRUCTIONS

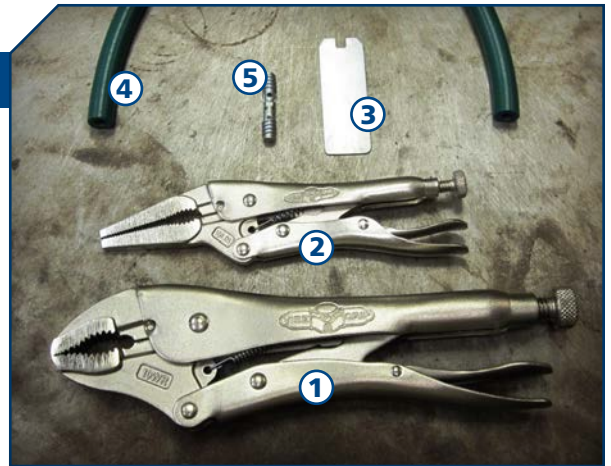
Please read all instructions prior to beginning installation.

Tools Needed:

1. Locking Pliers 1 – to clamp belt to structure
2. Locking Pliers 2 – to position Connector
3. Flat Open-Ended Wrench (included with kit)
4. Hollow Eagle SureConnect Belting
5. Connector



To view a video demonstration of the Eagle SureConnect installation process, go to bit.ly/SureConnect



1: Set up



Cut belting to the required install length, remembering to remove the appropriate amount for proper tensioning.

2: Route belt and clamp to structure



Route belt along the application path making sure the shafts are encircled. Using Locking Pliers 1, clamp belt to the guide rail or another part of the structure such that roughly 1" of belt sticks up from the surface.

Tips:

- The smaller the overhang of belt, the easier it is to insert Connector.
- There must be clearance to freely rotate Locking Pliers 2 & Flat Wrench.

3: Immobilize Connector



Position Connector so that it is centered in the jaw of Locking Pliers 2. Secure Connector, making sure both threaded ends are completely immobilized. Refer to table below for suitable Locking Pliers width ranges.

Belt Size		Locking Pliers Width Range	
inch	mm	inch	mm
3/8	10	0.2 - 0.5	5 - 12
1/2	12	0.3 - 0.6	7 - 15
9/16	15	0.4 - 0.7	9 - 17
3/4	18	0.4 - 0.8	10 - 20

4: Position Connector against belt



Position Connector against the hollow ends of the belt. Press the free end of the belt against Connector.

Tips:

- The threaded ends are threaded in opposite hands.
- Make a note of the direction to twist Connector so that it will enter the hollow belt.

5: Thread Connector into belt



While putting pressure on the free end of the belt, start to gently thread Connector into the hollow belt using Locking Pliers 2. Continue turning Locking Pliers 2 until the gap closes against the tool.

Tips:

- Engaging the first two threads into the belt needs to be done gently so that Connector is seated properly.
- Keeping Connector threaded ends immobilized using Locking Pliers 2 is key to getting the threads engaged.

6: Use Flat Wrench for final threads



Remove Locking Pliers 2. Insert Flat Wrench into the slot in the middle of Connector (top). Turn Flat Wrench in the same direction so that Connector completely enters into the hollow belt and the gap between the belt ends closes up completely (bottom).

7: Complete installation



Remove Flat Wrench and Locking Pliers 1, then roll belt onto the pulleys. This completes the installation process.



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