

Using the O-Ring Installation Tool

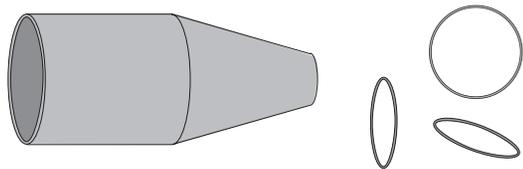


Figure 1

1. General

1.1 This procedure describes how to use the Corning Cable Systems O-ring installation tool (p/n 3000176-01) to install a 1 mm-thick O-ring on an OptiFit® access connector (Figure 1). Use of this tool minimizes stretching of the O-rings during placement on the connector plug body.

1.2 If this procedure is reissued, a summary of changes will; appear in this paragraph.

2. Tools and Materials

2.1 In addition to the O-ring installation tool, the following materials are required to complete this procedure:

- O-ring (p/n 02-026545-001)
- Lint-free tissues

3. O-ring Installation

2.1 Slide the open end of the installation tool over the end of the OptiFit plug body and its factory-installed 014 O-ring (Figure 2)

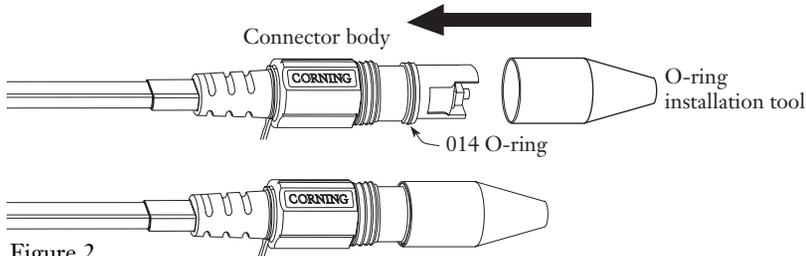


Figure 2

2.2 Slip a 1 mm O-ring over the end of the installation tool and roll the O-ring down the tool until the ring slips off the end of the tool down onto the plug body (Figure 3).

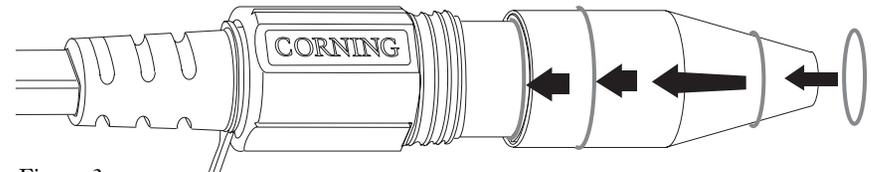


Figure 3

2.3 Remove the O-ring installation tool from the connector body. *If any lubricant from the plug body O-ring is visible inside the tool, wipe the tool dry with a lint-free tissue.*

2.4 Make sure that the O-ring is resting behind the plug body's flange. Gently slide the connectors coupling nut against the 1mm O-ring to seat it against the flange (Figure 4).

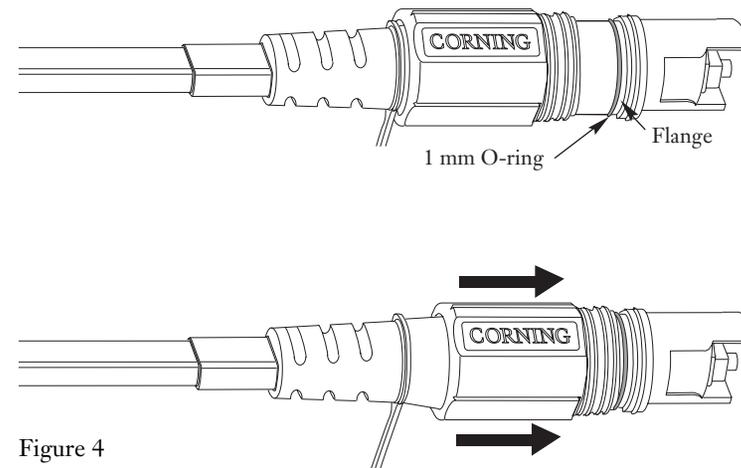


Figure 4

2.5 The O-ring installation is now complete.

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