PROCEDURE:
1. Remove Rigid Filler Pipe.
2. Inspect Tendon for voids as necessary.
3. Vacuum inject as required. If grout is used, allow grout to cure. If flexible filler is used, replace filler displaced by inspection.
4. Remove pipe used for vacuum injecting.
5. Clean threads and rethread as required.
6. Install Threaded Plug into Outlet to form a tight fit.
7. Over-ream hole (\( \frac{1}{4} \)" Ø over-ream). Clean and roughen sides.

NOTES:
1. Holes used for the Inspection and Filler Inlets/Outlets may be formed using tapered pipes or mandrels.
2. Where a vacuum system is connected to an anchorage, connect both the anchorage outlet and the cap outlet to the vacuum system.
**INLET END**
(EMBEDDED ANCHORAGE SHOWN; ANCHORAGE AT CONCRETE SURFACE SIMILAR)

**OUTLET END**

**NOTES:**
1. Anchor or Nut to allow for flow of Filler into Cap.
2. Where a vacuum system is connected to an anchorage, connect both the anchorage outlet and the cap outlet to the vacuum system.

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**FILLER INLET AND OUTLET DETAILS FOR BAR TENDONS**
(VERTICALLY ORIENTED TENDON SHOWN; HORIZONTALLY ORIENTED TENDON SIMILAR)

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**FILLER OUTLET DETAIL AT VERTICAL SURFACES**

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**PROCEDURE:**
1. Remove Rigid Filler Pipe or drill Grout in Flexible Pipe.
2. Inspect tendon for voids.
3. Vacuum inject as required. If grout is used, allow grout to cure. If flexible filler is used, replace filler displaced by inspection. Remove pipe used for vacuum injecting.
4. Install Threaded Plug into Outlet to form a tight fit.
5. Over-ream hole (1/4" Ø over-ream). Clean and roughen sides.
6. Fill pocket with epoxy grout.

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**FILLER INLET AND OUTLET DETAILS FOR I-GIRDERS**

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**FILLER INLET AND OUTLET DETAILS FOR BAR TENDONS**

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**NOTES:**
1. Anchor or Nut to allow for flow of Filler into Cap.
2. Where a vacuum system is connected to an anchorage, connect both the anchorage outlet and the cap outlet to the vacuum system.