

744A/744E TUBE INSERT NOTICE

The tubing insert included in the 744A and 744E kits is no longer available. This item has been discontinued from our vendor. Although the tube insert provided extra protection, TeeJet has completed extensive testing to confirm the insert is not necessary for installation or operation. Effective November 1st, 2014, the 744A and 744E kits will no longer include these brass tubing inserts. Please continue to follow the installation directions of the pressure gauge tubing in the corresponding 744A/744E manual and disregard the references to the tubing inserts.

NOTE: The tube nut needs to be fully tightened to form an effective connection. If problems occur during reinstallation, it may be beneficial to trim the tube for a new connection.

Changes to Installation Instructions

Tube Assembly

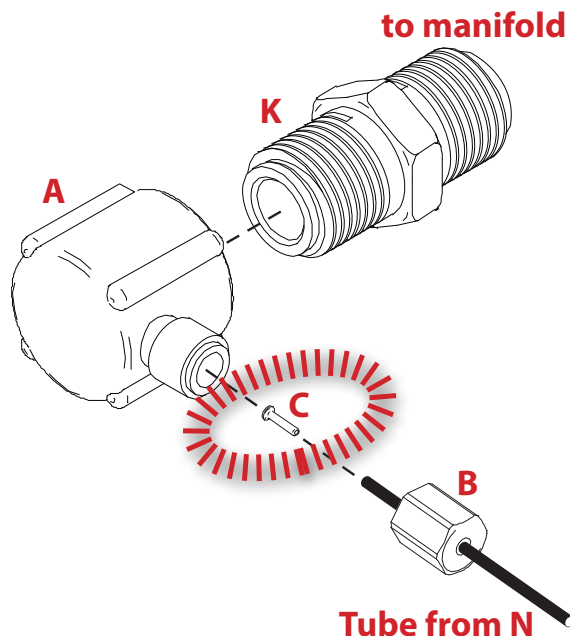
Fluid leakage around the gauge indicates a poor connection or a defective gauge.

NOTE: All cables and tubes must be placed in a way, so that they cannot be snagged or pulled with the operator's feet. Tubes and cables must be routed around sharp metal objects, edges and moving parts with enough slack so that they will not be pulled apart when sharp turns are made.

Connection to Manifold

1. Connect 1/4" NPT fitting (K) to the manifold.
2. Connect the gauge elbow (A) to the 1/4" NPT fitting (K).
3. Locate the tubes on the 744 harness (N).
4. Remove the tube nuts (B) from the gauge elbow (A) and slide the tubing through the nut. The threaded portion of the nut should face its respective gauge elbow. The tube should protrude approximately 1/2" (1 cm) beyond the nut.
5. Insert the brass tube insert (G) into the end of the tube. This must be used with the gauge elbow assembly.
6. Connect tube nut (B) to the gauge elbow (A).

Figure 6: Pressure gauge tube assembly to a TeeJet manifold



Connection to 744E Console

1. Locate the gauge elbow (A) on the 744 console (M).
2. Remove the tube nuts (B) from the gauge elbow (A) and slide the tubing through the nut. The threaded portion of the nut should face its respective gauge elbow. The tube should protrude approximately 1/2" (1 cm) beyond the nut.
3. Insert the brass tube insert (G) into the end of the tube. This must be used with the gauge elbow assembly.
4. Connect tube nut (B) to the gauge elbow (A).

Figure 7: Pressure gauge tube assembly to the 744E console

