

# Tech Tip Tuesday

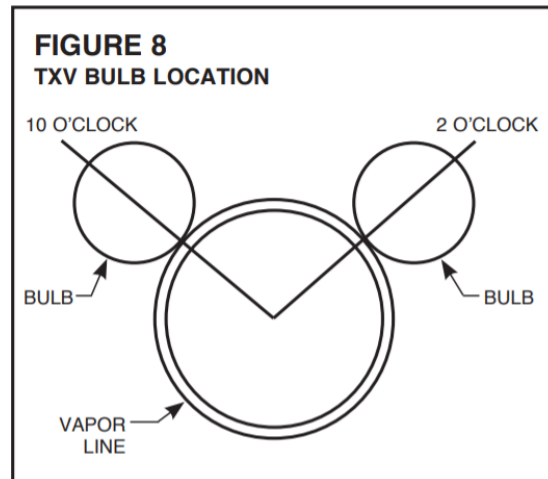
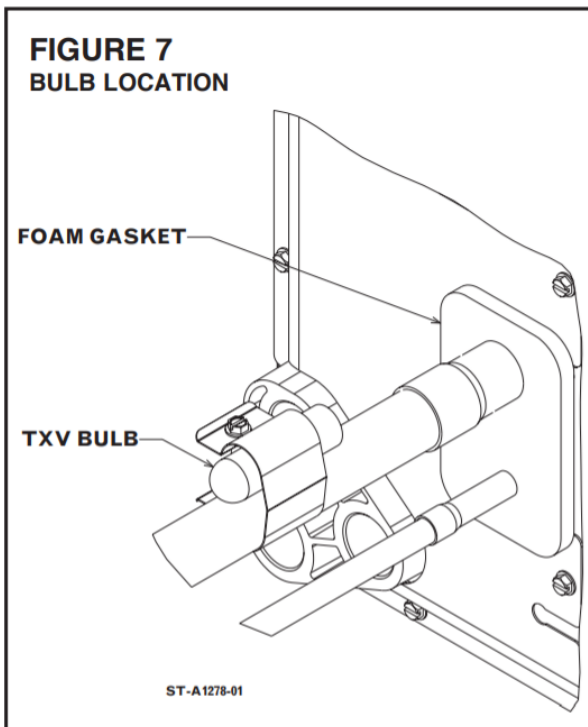
(say that really fast 5 times!)



By Michael Shiveley,  
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## Today's Tip: TXV SENSING BULB



**3.3 TXV SENSING BULB (TXV COILS ONLY) IMPORTANT: DO NOT perform any soldering with the TXV bulb attached to any line. After soldering operations have been completed, clamp the TXV bulb securely on the suction line at the 10 to 2 o'clock position with the strap provided in the parts bag. (See Figures 7 & 8)**

Insulate the TXV sensing bulb and suction line with the provided pressure sensitive insulation (size 4" x 7") and secure with provided wire ties. **IMPORTANT: TXV sensing bulb should be located on a horizontal section of copper suction line, just outside of coil box and past the braze joint. The copper sensing bulb must never be placed on any aluminum tube as this will result in galvanic corrosion and eventual failure of the aluminum tube.**

If there is no room to place the bulb horizontally, place it on the vertical run (away from the flowing oil) with the 'pig tail' facing up to prevent gravity from falsely loading the txv. The bulb can go either before or after the external equalizer as close to the equalizer as possible. Note: Any uninsulated txv/eev bulb is on the manifold for shipping purposes only. Upon installation, remove the bulb from the manifold inside the coil and install it as above.



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