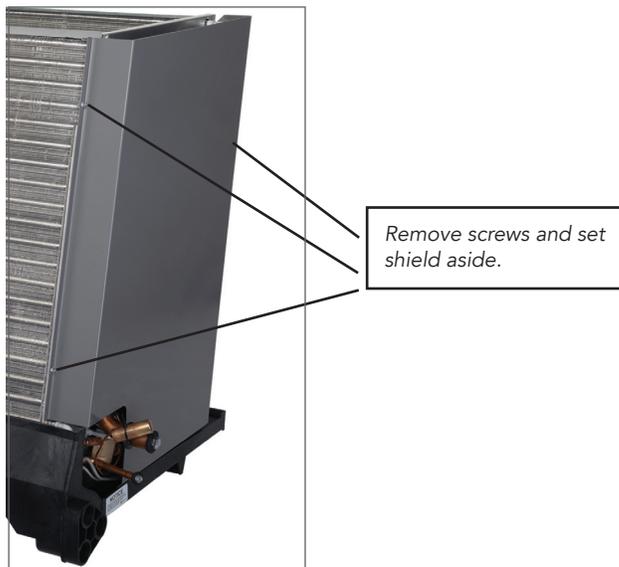


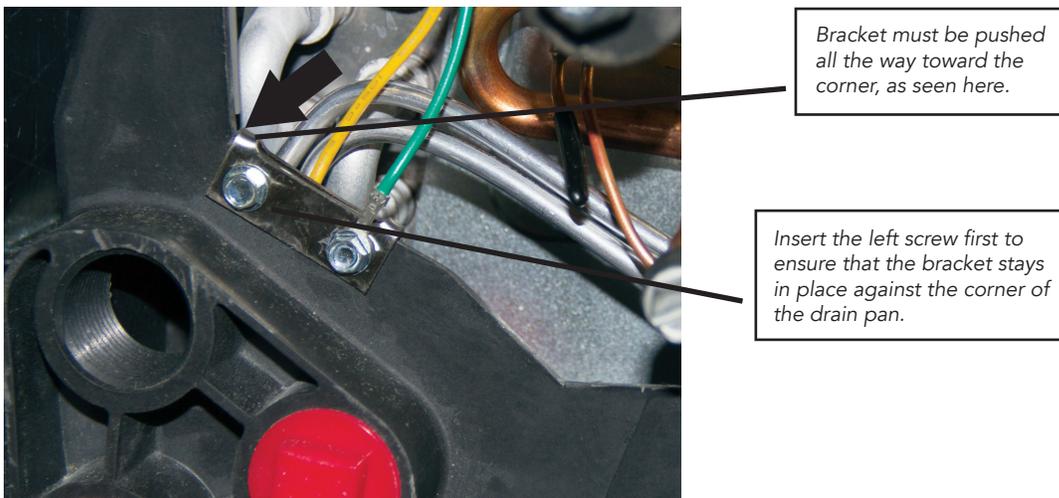
Instructions for properly installing an aluminum replacement coil into a TAH.

DANGER! DISCONNECT ALL POWER SUPPLIES TO THE UNITS PRIOR TO INSTALLATION.

- 1) Remove the existing copper-tube/aluminum fin coil and drain pan after performing the appropriate refrigerant recovery or containment. Do not reuse the existing drain pan from the copper-tube coil. Remove the condensate sensor bracket by removing the two screws attaching it to the drain pan. The current purple lead LT2 sensor is not required and can be discarded.
- 2) Remove the screws holding the shield from the front side of the replacement coil and set the shield aside.



- 3) Install the new coil and drain pan into the air handler cabinet.
- 4) Re-install the condensate sensor bracket. Align the corner of the bracket with the corner of the plastic drain pan and push the bracket down. This process has to be done properly or otherwise the tip of the sensor is not going to be located correctly in the unit.



- 5) Install a new R410A approved liquid line filter drier. While brazing coil connections to the refrigerant lines nitrogen should be circulated through the system at 2-3 psi [13.8-20.7 kPa] to prevent oxidation inside the refrigerant tubing. Use a low silver phos-copper braze alloy on all brazed connections. Use a brazing shield to protect all heat sensitive and painted parts. DO NOT perform any brazing with the TXV bulb attached to any line.
- 6) After brazing operations have been completed, clamp the TXV bulb securely on a horizontal section of copper suction line at the 10 to 2 o'clock position. Insulate the bulb and line with pressure sensitive tape. NEVER place the copper sensing bulb on any aluminum tube as this will result in galvanic corrosion and eventual failure of the aluminum tube.
- 7) Insulate the refrigerant line set with ½" [13mm] thick closed cell insulation.
- 8) Install the new LT2 thermistor as detailed in the included instructions.
- 9) Re-install the protective shield on the front side of the coil.
- 10) Refer to the Tranquility Digital Split IOM (number 97B0047N05) for proper leak test and refrigerant charge information. Evacuate the system using the deep vacuum method to at least a 500 micron vacuum. If a vacuum pump capable of pulling at least a 500 micron vacuum is not available the triple vacuum method may be used. Refer to the EarthPure R410a Application and Service Guide (number 97B0036N01) for additional system evacuation information.



Part # 97B0125N01



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