

Parts Bulletin

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Originator: Kirk Holzner, Parts Engineer

Supersedes:

Low Pressure Transducer Capillary

In some coastal areas with high humidity, condensate may form on the low pressure transducer on air-cooled outdoor equipment, like the ALR, ALS, AGS, AGZ, and ACZ products built with transducer parts #071568501 and #L129150068.

To eliminate condensate on the transducer, kit 332561901 is now available for use with the existing transducers. We recommend adding the kit where the condition is observed, and with all warranty replacements.

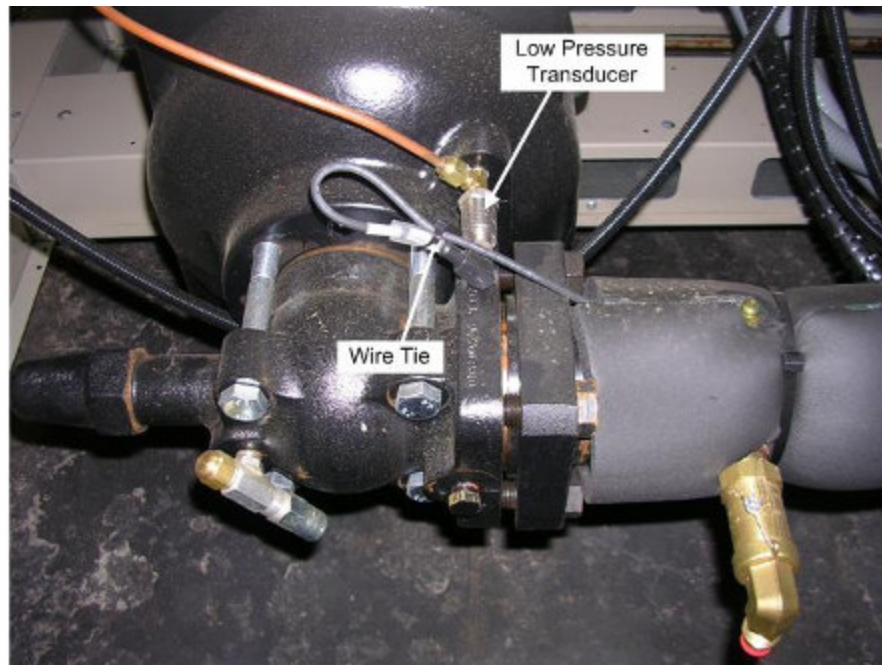
Kit 332561901K includes:

- 332561701 Qty 1 capillary tube
- 735044201 Qty 1 brass ¼ inch flare fitting
- 330558503 Qty 4 wire tie
- 332561801 Instructions

*Photos below are representative of an AGSD unit. Installation detail may vary on other unit models.

Before capillary installation: Instruction showing typical low pressure transducer installation

1. Cut wire tie on pressure transducer cable
2. Unscrew/Unplug cable from transducer. L129150068(shown at right) uses a M12 connector that unscrews from transducer. 071568501 uses a Packard style connector that unplugs from transducer.
3. Unscrew transducer from ¼ inch Schrader fitting. Technician should notice refrigerant leaking then stopping as the Schrader valve closes. If Schrader valve does not close then pump out refrigerant on the low side, and replace or add Schrader valve.



After capillary installation

4. With ¼ flare end of armored capillary tube (332561701), attach flare to flare brass fitting 735044201. Make fitting thumb tight, do not tighten until step 9.
5. Attach and tighten low pressure transducer onto ¼ flare brass fitting (10ft-lb).
6. Connect M12 connector or connect Packard style connector to pressure transducer.
7. Locate transducer to outside of tubing insulation a distance up to 20 inches from previous transducer mounting site. Wire tie(330558503) transducer and cable to outside of tubing insulation. Two cables will need to be joined together to make circumference of pipe. Be sure to wire tie cable to insulation to act as strain relief.
8. Connect ¼ flare w/Schrader depressor end of cap tubing to suction pressure fitting. Tighten to 10ft-lb.
9. Bleed air from cap tube, then tighten ¼ flare end to brass fitting. Tighten to 10 ft-lb.

