

Oil Pressure Transducer Venting

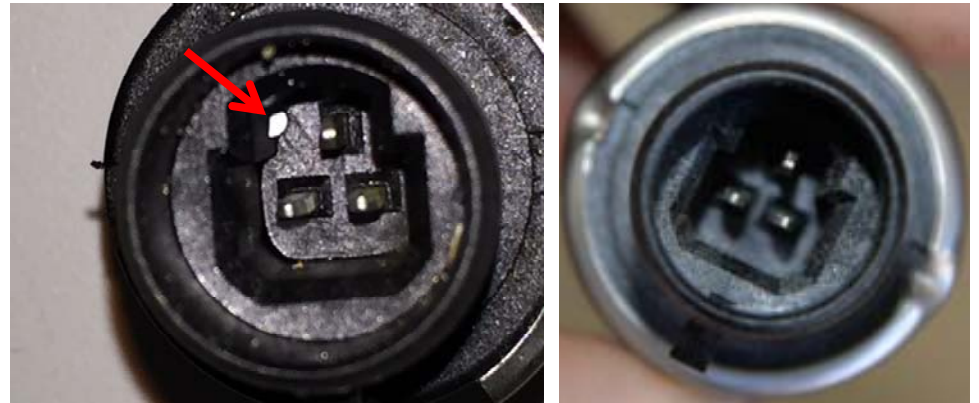
Prepared by: Brad Miller

Date: February 10, 2016

Revision: 1

Oil Pressure Transducer Venting

Intended Purpose: the transducer is vented to atmosphere through a pinhole sized vent at the base of the male connector portion of the transducer. This way when the airplane flies at altitude the readings are not affected by an induced pressure differential.



Oil Pressure Transducer Venting at the Connector

- During production a technician makes three cuts in the radial bands on the purple gasket on the female connector to allow an airway to the pinhole sized vent on the transducer at the base of the male connector well
- The cuts are offset to one another like piston rings in an engine to deny a direct path for water or contaminants to the pins
- Photos taken of the connector verify all three radial bands were cut on the gasket as per Cirrus production requirements

Cut to allow air passage



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