

Technical Bulletin



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Subject: **Recommended Purge Valve Maintenance Procedure**

Some Bendix® AD-IS® or AD-IP™ air dryers on vehicles equipped with Caterpillar ACERT C-15 or ACERT C-13 engines with twin turbochargers, have experienced air dryer purge valves sticking open while in the purge position. This condition can slow or prevent air system recharge; however, it does not cause leakage from the reservoirs. The exact cause of this issue has not been determined, but Bendix Commercial Vehicle Systems has been and continues to conduct various tests to determine the cause. The Caterpillar ACERT C-15 and C-13 engines with twin turbochargers were sold in the United States between 2004 and 2006, and may still be available after January 2007 outside the United States.

For the AD-IS® and AD-IP™ air dryers operating in the unique operating conditions associated with these types of engines (i.e., compressors boosted with over 40 psi of pressure), Bendix recommends a preventive maintenance procedure using kit number 5018313 at intervals of 30,000 to 50,000 miles. Fleets may use other intervals based on vocation and user experience.

Bendix recommends the use of kit piece number 5018313 as part of a regular preventive maintenance routine for your AD-IS® or AD-IP™ air dryer on vehicles with Caterpillar ACERT C-15 or C-13 engines. By using the contents of this kit, at the recommended intervals, the sticking purge valve issue should be eliminated.

The contents of the Purge Valve Maintenance Kit piece number 5018313 are shown here for reference. Installation Instructions are included with each maintenance kit to ensure proper servicing.

The Purge Valve Maintenance Kit piece number 5018313 will be covered by the Bendix standard warranty for AD-IS® and AD-IP™ air dryers which are used with Caterpillar ACERT C-15 and C-13 engines. The standard warranty is 1 year/100,000 miles for parts and labor, and 3 years/350,000 miles for parts only. Claims may be submitted through your vehicle manufacturer or directly to Bendix per your normal warranty return process.

