



Service Bulletin

File in Section: -

Bulletin No.: PIT5292

Date: June, 2014

PRELIMINARY INFORMATION

Subject: A/C Blows Warm During High Ambient Temperatures

Models: 2015 Cadillac Escalade Models
2015 Chevrolet Suburban, Tahoe
2015 GMC Yukon Models

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

Some owners may comment that the A/C is inoperative. This concern may only occur during high ambient temperatures. When using GDS2 to review reasons for A/C compressor disengagement, it may indicate an A/C high pressure issue. This concern may be caused by one of the following issues:

1. **A/C high side pressure sensor connector not fully seated or poor terminal tension**
2. **A/C refrigerant has been overcharged**
3. **A/C high side pressure sensor reading may be skewed**

Recommendation/Instructions

1. **Check the A/C high side pressure sensor connector for proper terminal tension and to make sure that it is fully connected. Repair as necessary.**
2. **Check the A/C refrigerant charge. System capacity is 2.0 lbs. If system charge is found to be incorrect, recharge system to 2.0 lbs.**
3. Connect a set of A/C pressure gages to the vehicle and open GDS2. Compare the high side pressure gage reading to the A/C high side pressure sensor reading in GDS2. Monitor the pressure when first connected to the vehicle while the system is off, and also while the A/C is operating. The high side gage reading and the data displayed in GDS2 should read relatively close. If the readings vary greatly, a wiring concern may be present or the sensor may be skewed. Repair any wiring issues present or, if none found, replace the A/C high side pressure sensor.

Warranty Information

For vehicles repaired under warranty use:

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.