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# Service Bulletin

# PRELIMINARY INFORMATION

**Subject:** Outside Air Temperature (OAT) Does Not Update Correctly And Or Erratic HVAC Operation

**Models:** **2013 Cadillac ATS, XTS**
**ATS models built before 9/10/2012**
**XTS models built before 9/28/2012**

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

## Condition/Concern:

A customer may comment that the outside temp shows 10 or 20 degrees F lower than expected continuously and/or does not update correctly. A customer may also comment that the HVAC outlet temperatures may be abnormally erratic, usually warmer than expected.

A dealer may find that the HVAC will only blow hot air and the compressor will not turn on, and or the OAT does not update to the correct temperature.

## Recommendation/Instructions:

**Note:** Please do not replace any modules for either concern. Instead, follow instructions below.

An Outside Air Temperature (OAT) anomaly has been identified that can affect the accuracy of the ambient temperature value the IPC displays as well as HVAC system operation.

This may cause customer concerns, and may be very intermittent.

Engineering has developed a new IPC calibration for customer concerns of OAT inaccuracies and certain HVAC concerns.

Please check the calibration for the IPC under "Identification Information" in GDS2, if the calibration is 22783208 then the IPC will need to be updated. If calibration 22783208 does not exist within the IPC, normal SI diagnostics must be performed to determine root cause otherwise.

After the IPC calibration has been updated the technician can perform the OAT update in GDS2 by following the information below.

The technician can perform the OAT update in GDS2 by selecting Ambient Air Temperature Instant Update in the Control Functions Menu for Instrument Cluster to verify the OAT is accurate.

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.