



Service Bulletin

File in Section: -

Bulletin No.: PIC4612

Date: March, 2014

PRELIMINARY INFORMATION

Subject: Diagnostic Tip - Side Object Detection (SOD) Concerns

Models: 2008 Buick Lucerne with RPO UFT
2008 Cadillac DTS, STS with RPO UFT

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

Condition/Concern

The side object detection (SOD) system is reported as not functioning correctly

Recommendation/Instructions

Important: B1000 SYMF2 Side Object Detection (SOD) Frequency Calibration Failure can store in early built vehicles during assembly and should be ignored if found in history; do not replace SOD sensors.

The following are trouble shooting hints to supplement normal diagnostic procedures:

Review the Object Detection Description and Operation.

Begin all diagnostics with the Circuit/System Verification in the Side Object Sensor Malfunction Diagnostic Information and Procedures if no DTC related to the system are current.

If the concern is intermittent, question the customer closely regarding the operation of the SOD icons in the mirrors and any messages displayed on the Driver Information Center (DIC).

Ensure the customer has read the entire Side Blind Zone Alert (SBZA) section of the owner's manual and understands the capabilities and limitations of the system.

Occasional missed or false alerts or poor operation in rain, are normal and do not require service; do not replace SOD sensors.

However, to ensure optimum performance, sensors should be removed for cleaning; any dirt build-up, contamination, etc. should be removed from around the sensors and brackets.

Any labels and stickers should also be removed from either side of the fascia.

If CLEAN SIDE BLIND ZONE ALERT SYSTEM is displayed, clean both sides of the fascia (inside and outside) and both sensors of any contamination (mud, snow, ice, dirt, bumper stickers, labels, etc.) and retest; do not replace SOD sensors.

SOD sensors can be swapped from left to right in order to aid in isolating the cause of a concern; they cannot be swapped from vehicle to vehicle.

DTC B1015 SYM00 Vehicle Identification Number (VIN) Information Error will store.

The VIN is learned and stored in the sensors within a few ignition cycles of having been installed for the first time.

The left SOD sensor will not communicate on the Low Speed GMLAN if the right SOD sensor does not. If neither sensor communicates, begin testing at the right sensor.

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.