



Service Bulletin

File in Section: -

Bulletin No.: 16-NA-155

Date: May, 2016

TECHNICAL

Subject: Intermittent Adaptive Cruise Control (ACC)

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	CT6	2016	2016			All	All

Involved Region or Country	North America and China
Additional Options (RPO)	Equipped with Automatic Adaptive Cruise Control (RPO KSG)
Condition	Some customers may comment that the Adaptive Cruise Control (ACC) will dropout without any customer input or without the vehicle detecting the presence of a vehicle in path of travel.
Cause	This condition may be caused by the brake pedal position being out of sync with the ECM and/or BCM.

Correction

If you encounter a vehicle with the above concern, re-learn the brake pedal position sensor.

Calibration Criteria

Note: Do not apply the brake pedal during the brake pedal position sensor calibration procedure. Any movement of the brake pedal during this procedure will cause the calibration procedure to fail. If this occurs, the brake pedal position sensor calibration must be repeated.

Brake pedal position sensor calibration must be performed after the brake pedal position sensor, body control module (BCM), or engine control module (ECM) have been serviced. The calibration procedure will set the brake pedal position sensor home value. This value is used by the BCM and ECM to determine the action of the driver applying the brake system and to provide this information to the vehicle subsystems via serial data.

Calibration Procedure

1. Apply the parking brake.
2. Ignition ON, engine OFF, place the transmission in the PARK position for automatic transmission or NEUTRAL position for manual transmission.
3. Install a scan tool.
4. Clear all DTCs before proceeding.
5. Navigate to the Configuration/Reset Functions menu of the BCM.
6. Select the Brake Pedal Position Sensor Learn procedure and follow the directions displayed on the screen.
7. Navigate to the Configuration/Reset Functions menu of the ECM.
8. Select the Learn Functions menu.
9. Select the Brake Pedal Position Sensor Learn procedure and follow the directions displayed on the screen.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
2080688*	Re-Learn Brake Pedal Position Sensor	0.3 hr
*This is a unique Labor Operation for Bulletin use only.		

Version	1
Modified	

