	File in Section: -
Service Bulletin	Bulletin No.: PI0683
	Date: March, 2012

PRELIMINARY INFORMATION

Subject: **Tail and Stop Lamp Bulb Burned Out**

Models: **2012 Buick Verano**
Built Prior to VIN Breakpoint C4156940

Condition/Concern

Some customers may comment that a stop and tail lamp bulb is burned out.

A revised BCM calibration has been developed that will lengthen the life of the bulb.

Recommendation/Instructions

Replace the affected stop and tail lamp bulb and reprogram the body control module (BCM).

BEFORE beginning the programming/reprogramming event, please refer to the Programming/Reprogramming Checklist section in this bulletin.

1. Verify the battery voltage is more than 12 volts but less than 16 volts before proceeding with reprogramming. The battery must be fully charged **BEFORE** reprogramming a control module.

2. During reprogramming, the battery voltage must be maintained within the proper range of 12-15.5 volts. **CONNECT** the approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool (EL-49642) to the vehicle or the GR8 (EL50313) in the power supply mode.

   ⇒ If the above recommended tools are not available, **DO NOT** connect a battery charger to the vehicle. **CONNECT** a fully charged 12V jumper or booster pack that is disconnected from the AC voltage supply.

Notice: **It is essential that the TIS terminal, MDI, Tech 2® and/or Scan Tool are updated with the latest software available.**

3. Verify that the devices being used are updated with the latest available software version **BEFORE** beginning the reprogramming event.

4. **BEFORE** beginning reprogramming you **MUST** refer to **Control Module References** in SI for the appropriate Programming and Setup procedures.

5. If a wireless connection will be used for reprogramming, a secure service department connection **MUST** be used. **DO NOT** use any public WiFi connection from the customer lounge.

6. Reprogram the BCM using the Service Programming System (SPS) with the latest calibrations available on TIS2WEB. Refer to the SPS procedures in SI.

7. After reprogramming the BCM, the BPP (brake pedal position) learn procedure must be performed.

Programming/Reprogramming Checklist

- Turn OFF or disable any electrical system, accessory or component that may put an additional electrical load on the vehicle battery during reprogramming.

- Only program a module when you have been instructed to by Service Information (SI), a Bulletin, TAC or a Techline operator.

- You **MUST** refer to **Control Module References** in SI for the appropriate Programming and Setup procedures.

- Thoroughly review the Service Programming System (SPS) in SI **BEFORE** reprogramming any module.

- Some modules will require specific additional programming setup events to be performed **BEFORE** reprogramming. Refer to **Control Module References** for the appropriate Programming and Setup procedures in SI.

- Capture and record the Engine Oil Life Remaining information. Record the Engine Oil Life Remaining as a percentage (%).

- Follow all on-screen instructions in SPS. Verify that the ignition switch is in the proper position.

- If a wireless connection will be used for reprogramming, a secure service department connection **MUST** be used. **DO NOT** use any public WiFi connection from the customer lounge.

- **DO NOT** run other programs on the computer while reprogramming.

- Use the approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool EL-49642) or the GR8 (EL50313) in the power supply mode.
- **DO NOT** disturb the vehicle, programming device(s) or operate any of its features during reprogramming.
- Some modules will require specific additional programming setup events to be performed **AFTER** reprogramming. Refer to **Control Module References** for the appropriate Programming and Setup procedures in SI.
- Use a Scan Tool to reset the Engine Oil Life Remaining information to the previous percentage (%) that was recorded before starting the reprogramming event.
- Verify that all DTCs are cleared after performing the reprogramming event.
- In the event of an interrupted or unsuccessful reprogramming event, document the SPS Error. DO NOT cycle the ignition. DO NOT replace the BCM. Refer to PI0592A – Service Programming System (SPS) Errors in SI.
- If further assistance is required, call Techline at 1-800-828-6860 (English) or 1-800-503-3222 (French).

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Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
N9680*	Replace Tail Lamp Bulb and Reprogram BCM	0.6 hr
*This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.		