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#PIT5735B: SES MIL With BSCM DTCs U0146 U0100 U0101 U0140 U0151 U026A U0131 and/or U0422 - (May 27, 2020)

Subject: SES MIL With BSCM DTCs U0146 U0100 U0101 U0140 U0151 U026A U0131 and/or U0422



Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 1500	2019-2020		All	All	All	All
GMC	Sierra 1500	2019-2020		All	All	All	All

Involved Region or Country	North America
Condition	<p>Some customers may comment of a SES MIL at start up or shortly after start up. When checking for DTC's, the ECM will set a P25A2 indicating that the BSCM (Brake System Control Module) has set DTCs. The BSCM will have set any combination of the following communication DTC's: U0146 U0100 U0101 U0140 U0151 U026A U0131 and/or U0422. There will be no brake related symptoms, warning messages, or lights.</p> <p>Note: This is NOT like a typical communication issue where multiple modules are setting communication DTC's. Only the BSCM will be setting communication DTC's.</p>
Cause	<p>This concern could be caused by the BSCM staying awake after the vehicle has been shut down. This concern typically happens if the vehicle gets a wheel speed sensor input within several minutes of shutting off the engine. Example: If parked on a slight incline - When the vehicle is placed in park, the ignition is turned off and then the brake pedal is released, the vehicle will roll slightly until the parking pawl engages. This slight movement may send a wheel speed sensor input to the BSCM, and as a result, cause this concern.</p> <p>© 2020 General Motors. All rights reserved.</p>

Correction

GM engineering has released updated BSCM calibrations to correct this concern. Reprogram the BSCM with the latest calibrations currently available in TIS2Web.

In certain rare instances, a customer may return with a SES MIL and the same DTC's reset even with the latest BSCM calibrations. If a customer returns with the same condition please confirm the BSCM has the latest calibrations, clear the DTC's and ask the customer to apply the parking brake before turning the ignition off. Engineering is looking into these cases and this PI will be updated when more information is available.

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
2810005	K160 Brake System Control Module Reprogramming with SPS	Use Published Time
2486088*	Check DTC's, Confirm BSCM has latest cal's, Clear DTC's and advise to set parking brake	0.3 hr.
* ONLY use this labor op if the vehicle returns with the same condition and the BSCM already had the latest calibrations.		

Version	3
Modified	03/04/2020- Created on 04/16/2020- Updated to add repair information 05/27/2020- Updated the Title, Condition, Correction and Warranty Section

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