



Preliminary Information

PIT5638A Service Brake Assist Message with DTC a C058E and/or C05B0

Product Investigation Review Required

Models

| Brand: | Model: | Model Years: | VIN: | | Engine: | Transmissions: |
|-----------|----------------------------|--------------|------|-----|---------|----------------|
| | | | from | to | | |
| Chevrolet | Silverado 1500 (New Model) | 2019 | All | All | All | All |
| GMC | Sierra 1500 (New Model) | 2019 | All | All | All | All |

| | |
|----------------------------|---|
| Involved Region or Country | North America |
| Condition | In some rare situations, a customer may comment on a "Service Brake Assist" message and they may have a hard brake pedal or increased effort is needed to depress the brake pedal, which may extend stopping distances. When checking for DTC's, a current or history C05B0, and/or C058E will be set in the K160 Brake System Control Module (formerly known as the EBCM). |
| Cause | This issue could be caused by an internal software calibration. |

Correction:

Engineering has released updated Brake System Control Module calibrations to address this condition. Reprogram the K160 Brake System Control Module with the latest calibrations currently available in Tis2Web.

Important: Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install the EL-49642 SPS Programming Support Tool to maintain system voltage. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply. DO NOT connect a battery charger.

NOTE: This PI will be converted into a service bulletin shortly.

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 |
|-----------------|--|--------------------|
| 2810035 | Electronic Brake Control Module Reprogramming with SPS | Use Published Time |

Version History

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|----------|---|
| Version | 2 |
| Modified | 10/29/2018 - Created on 12/19/2018 - Supersedes to update the Title, Condition, Cause, Recommendation, and Warranty Sections |



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