



# Service Bulletin

## TECHNICAL

**Subject:** Amber Electric Park Brake Light is On/Flashing on Instrument Panel Cluster (IPC), Parking Brake Inoperable

| Brand:   | Model:         | Model Year: |      | VIN: |                   | Engine: | Transmission: |
|----------|----------------|-------------|------|------|-------------------|---------|---------------|
|          |                | from        | to   | from | to                |         |               |
| Cadillac | XT5            | 2017        | 2017 | SOP  | December 16, 2016 |         |               |
| GMC      | Acadia (VIN N) |             |      |      |                   |         |               |

|                                   |  |
|-----------------------------------|--|
| <b>Involved Region or Country</b> | North America and N.A. Export Regions  |
| <b>Condition</b>                  | <p>Some customers may comment on one or more of the following conditions:</p> <ul style="list-style-type: none"> <li>• Amber Electric Park Brake light is on.</li> <li>• Amber Electric Park Brake light is flashing.</li> <li>• Parking brake is inoperable.</li> </ul> <p>The Technician may find the following DTCs set:</p> <ul style="list-style-type: none"> <li>• C028F.04</li> <li>• C1586.04</li> </ul> |
| <b>Cause</b>                      | This condition may be caused by the software release conditions not being met, resulting in a long release sequence.   |

### Correction

**Important:** Verify the battery voltage is more than 12.6 volts but less than 15.5 volts before proceeding with reprogramming. The battery must be fully charged **BEFORE** reprogramming.

If you encounter a vehicle with the above concern, reprogram the Electronic Brake Control Module (EBCM) with the latest calibrations available on TIS2Web.

### Service Procedure

**Important:** During reprogramming, the battery voltage must be maintained within the proper range of 12.6-15.5 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.

1. Remove the flashing light with the following sequence.
  - 1.1. Power Mode = ACCESSORY or RUN
  - 1.2. Apply the Brake Pedal.
  - 1.3. Electric Park Brake System Current State = Service Release

- 1.4. Press and hold the Electric Park Brake button for 5 seconds.
2. Reprogram the Electronic Brake Control Module (EBCM) with software 84290273 for the vehicles without RPO UGN and 84290272 for vehicles with RPO UGN. Refer to *Electronic Brake Control Module Programming and Setup* in SI.

## Warranty Information

For vehicles repaired under warranty, use:

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

|          |   |
|----------|---|
| Version  | 1 |
| Modified |   |

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



WE SUPPORT VOLUNTARY TECHNICIAN CERTIFICATION