



Service Bulletin

File in Section: -

Bulletin No.: 16-NA-373

Date: July, 2017

TECHNICAL

Subject: Service Transmission Message On, Malfunction Indicator Lamp Illuminated - DTCs P17AE, P17BA, P17BB, P17BC, P17BD, P17BE, P17BF, P17B0, P17B1, P17B2, P17B3, P17B4, P17B5, P17B6, P17B7, P17B8, P17B9

| Brand: | Model: | Model Year: | | VIN: | | Engine: | Transmission: |
|----------|----------|-------------|------|------|----------|---------|---------------|
| | | from | to | from | to | | |
| Buick | LaCrosse | 2017 | 2017 | SOP | HU167667 | All | All |
| Cadillac | XT5 | | | SOP | HZ197074 | All | All |

| | |
|-----------------------------------|---|
| Involved Region or Country | North America and N.A. Export Regions |
| Condition | Some customers may comment on the following conditions: <ul style="list-style-type: none"> MIL is illuminated. Service Transmission message is on. The technician may find DTC: <ul style="list-style-type: none"> P17AE P17BA/BB/BC/BD/BE/BF P17B0/B1/B2/B3/B4/B5/B6/B7/B8/B9 |
| Cause | This condition maybe caused by a Transmission Range Control Module (TRCM) calibration anomaly. |

Correction

If the above DTCs are set in History or Current during the service evaluation, the TRCM needs to be reprogrammed with the latest calibrations available.

Service Procedure

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.

Reprogram the TRCM. Refer to *Transmission Range Control Module Programming and Setup* in SI.

Warranty Information

For vehicles repaired under warranty, use:

| Labor Operation | Description | Labor Time |
|-----------------|---|------------------------------------|
| 2810165 | Automatic Transmission Range Selector Actuator Hardware Module Reprogramming with SPS | Use Published Labor Operation Time |

| | |
|-----------------|---|
| Version | 3 |
| Modified | March 24, 2017 – Added VIN Breakpoints. July 10, 2017 – Corrected VIN Breakpoints. |

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.



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