



Service Bulletin

File in Section: -

Bulletin No.: 18-NA-083

Date: March, 2018

TECHNICAL

Subject: Service Transmission Message Displayed On Drivers Information Center (DIC), Malfunction Indicator Lamp Illuminated (MIL) - DTCs P073D, P073E, P07E4, P07E5, and/or P1769 Set

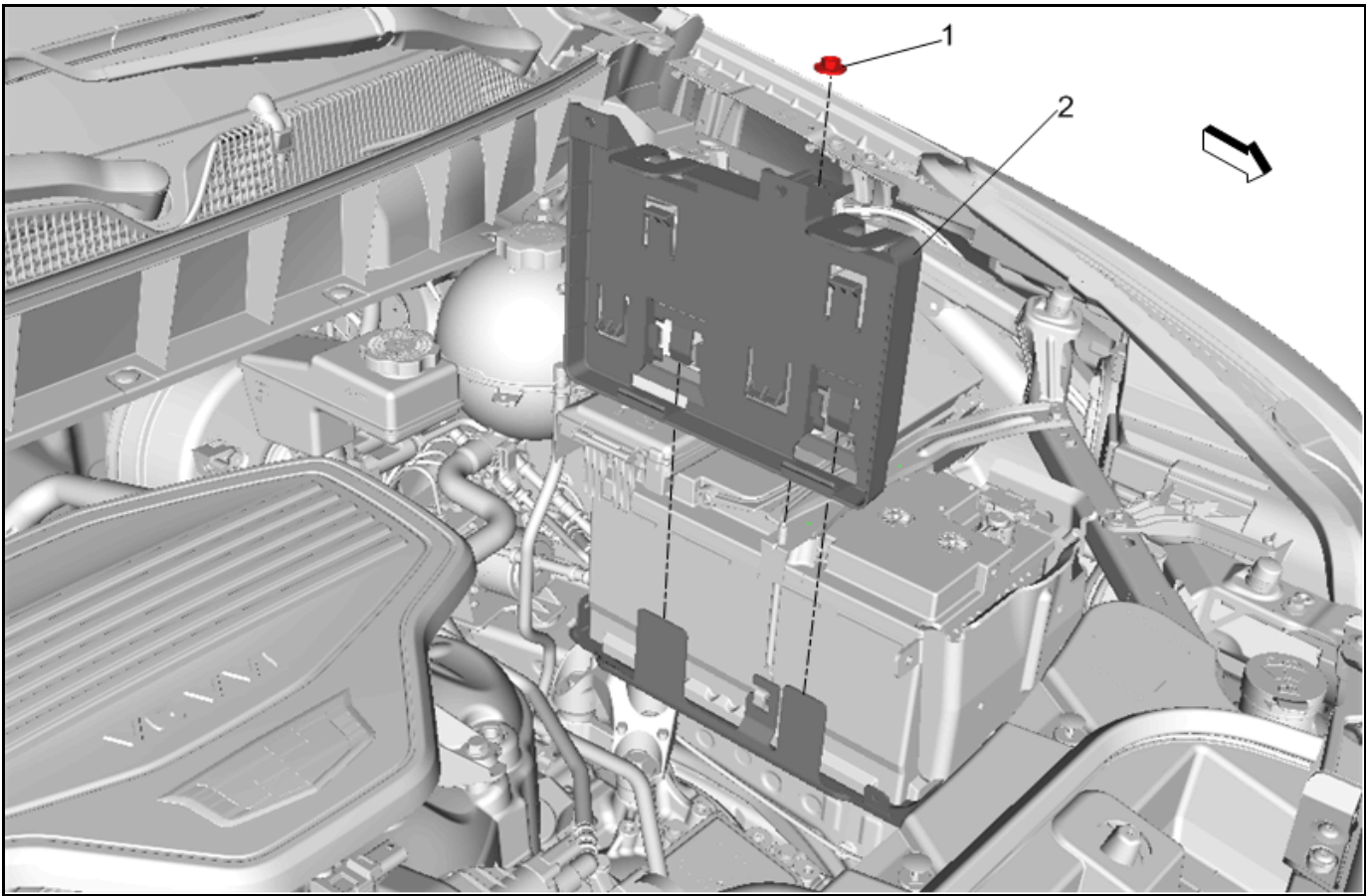
Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Lacrosse	2017	2017				MRC
Cadillac	XT5	2017	2018				

Involved Region or Country	North America, Europe, Asia and Middle East
Condition	<p>Some customers may comment that:</p> <ul style="list-style-type: none"> MIL is illuminated Service Transmission message is displayed on the DIC <p>Some technicians may find one or more of the following DTC's set in history or current:</p> <ul style="list-style-type: none"> P073D: Unable to Engage Neutral set in the Chassis Control Module P073E: Unable to Engage Reverse set in the Chassis Control Module P07E4: Unable to Engage Park set in the Chassis Control Module P07E5: Unable to Engage Drive set in the Chassis Control Module P1769: Transmission Range Sensor TRCM Correlation set in the Chassis Control Module
Cause	This condition may be caused by the misalignment of the coupler between the TRCM and the Transmission.
Correction	If the above DTCs are set in history or current during the service evaluation, the TRCM needs to be re-centered by following the service procedure in this bulletin.

Service Procedure

Note: To perform the transmission learn procedure, it is recommended that the transmission is warmed up between 50F° to 104F° (10C° to 40C°).

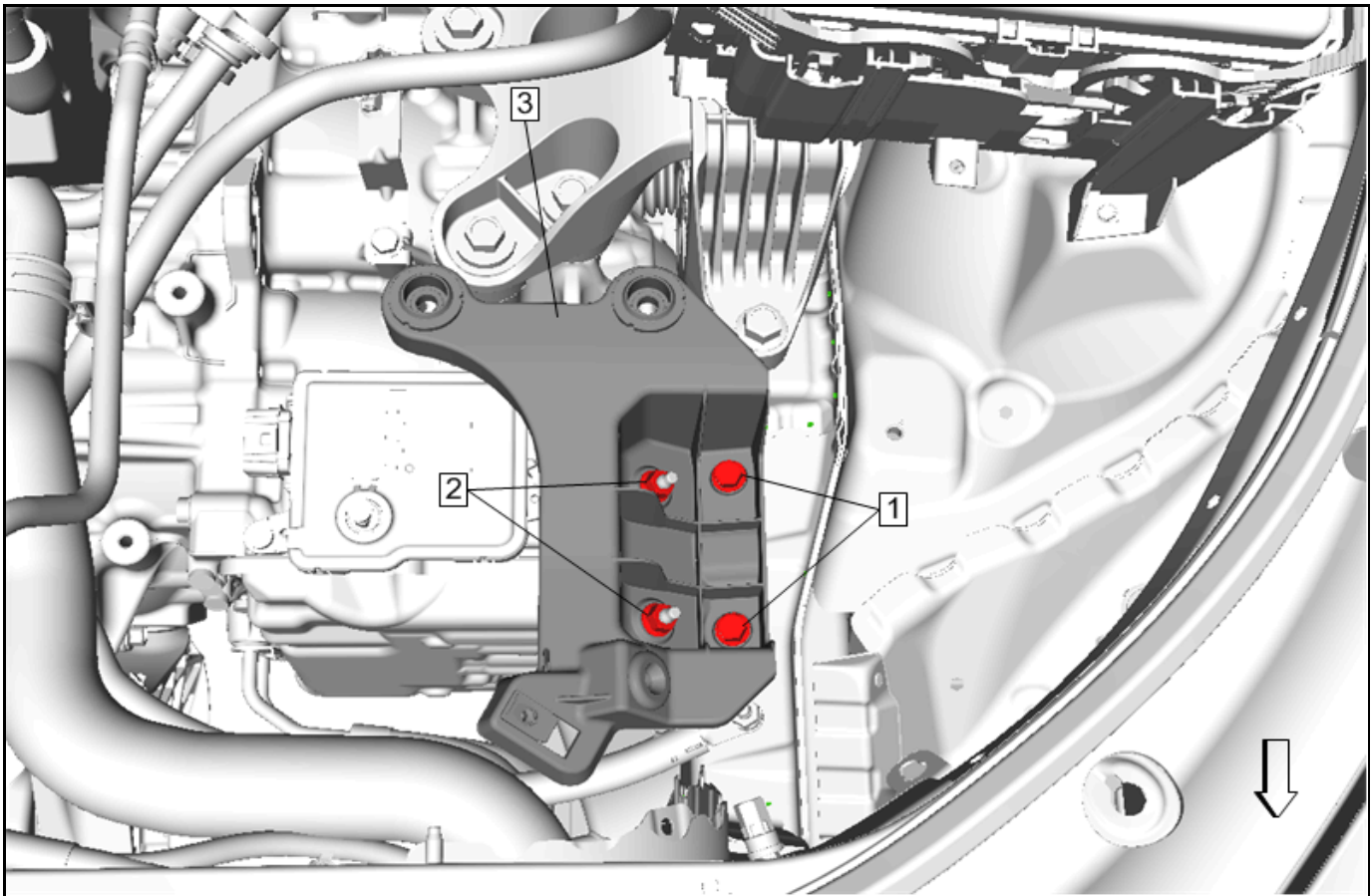
1. Apply the parking brake and place the transmission control assembly in the Park position.
2. Perform the Backup Park Lock Actuator Disarming procedure. Refer to Backup Park Lock Actuator Disarming in SI.



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3. For the XT5 vehicles:

- 3.1. Without disconnecting the electrical connectors, detach the ECM from the bracket assembly and position aside.
- 3.2. Remove the ECM bracket (2).
- 3.3. Proceed to step 5.



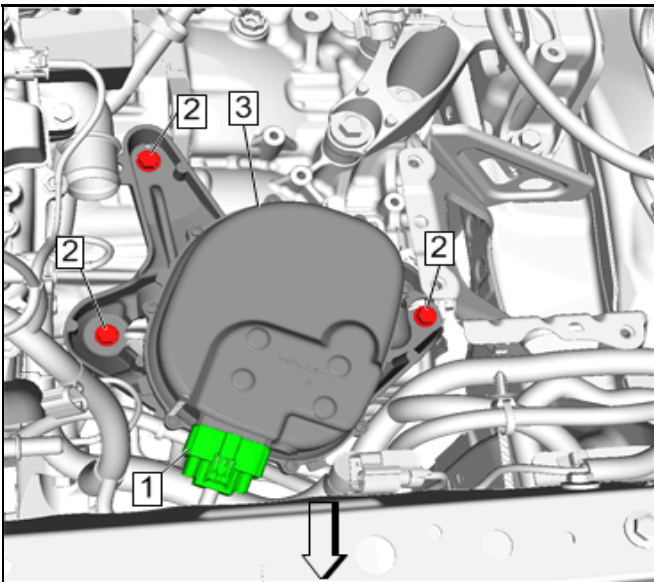
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4. For the Lacrosse vehicles:

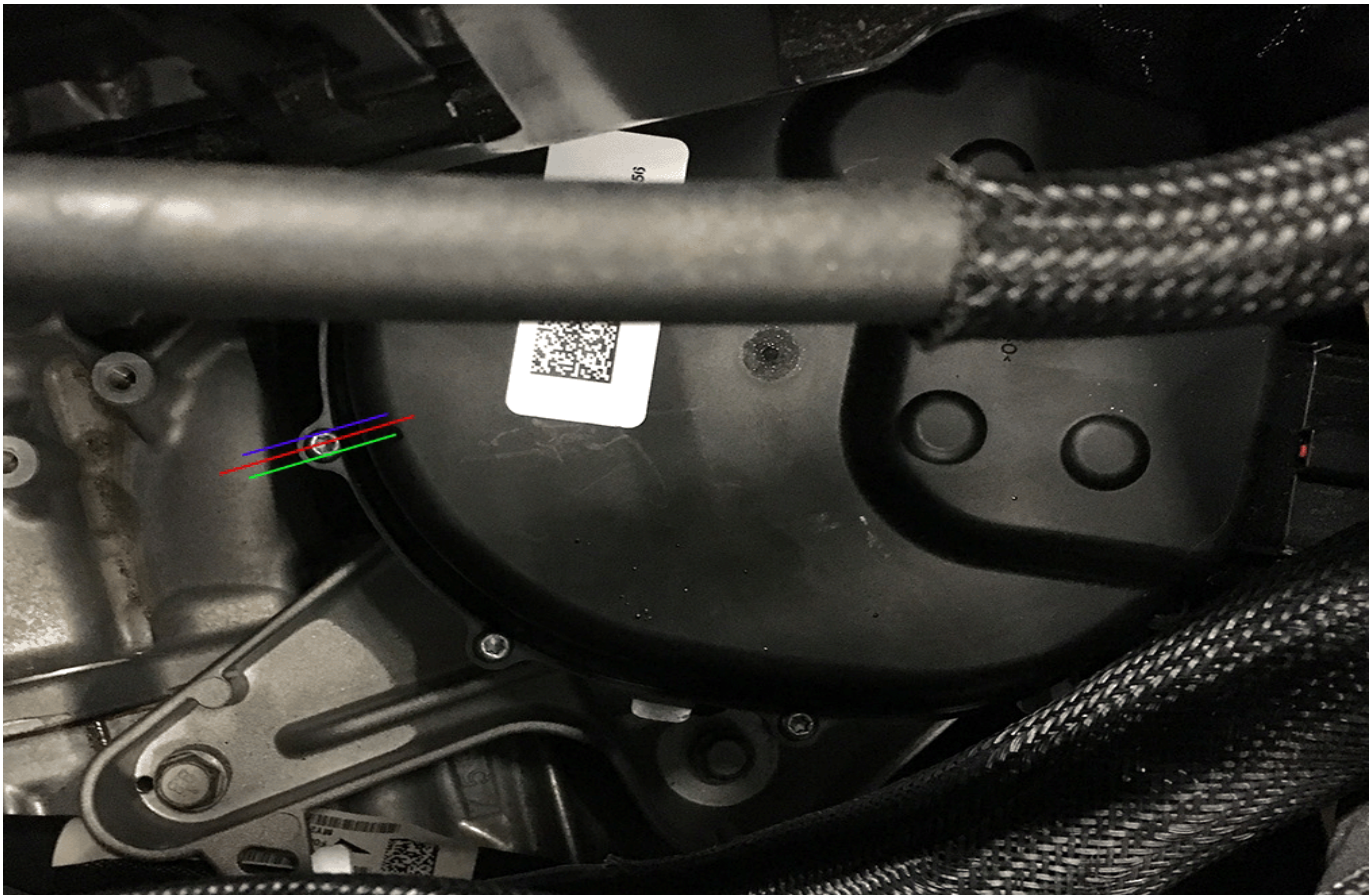
- 4.1. Remove the Air Cleaner Housing assembly. Refer to Air Cleaner Assembly Replacement in SI.
- 4.2. Remove the bolt that secures the intake air duct to the core support.
- 4.3. Remove the Air Cleaner Bracket (3).

Note: For the XT5, the actuator module bolt located under the battery tray can be accessed without removing the battery tray.

5. Loosen (approximately ¼ in.) the automatic transmission range selector actuator hardware module bolts (2).



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Note: The turning radius of the module will be very slight when centering.

6. Rotate the automatic transmission range selector actuator hardware module;
 - 6.1. Rotate clockwise until right lock position, shown with a blue line.
 - 6.2. Rotate counterclockwise until left lock position, shown with a green line.
 - 6.3. Rotate clockwise until it is centered between both full lock positions, shown with a red line.
7. While holding the automatic transmission range selector actuator hardware module with one hand, tighten hardware module bolts to prevent the actuator from moving from the center position.
8. Torque the automatic transmission range selector actuator hardware module bolts.
 - ⇒ Refer to Fastener Specifications in SI.

9. Perform the TRCM. Refer to Transmission Range Control Module Learn Procedure (Not for new modules).
 - If the test fails, re-adjust the module and retest.
 - If the test fails after re-adjusting the module, refer to SI for further diagnostics on the code set.
 - If the test passes, proceed with procedure.
10. Install previously removed components.
 - ⇒ Torque the fasteners to specifications. Refer to Fastener Specifications in SI.

Parts Information

No parts are required for this repair.

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
8480728*	Automatic Transmission Range Selector Actuator Hardware Module Adjustment	0.5 hr (XT5)
		1.0 hr (Lacrosse)
*This is a unique Labor Operation for Bulletin use only. It will not be published in the Labor Time Guide.		

Version	1
Modified	Released March 15, 2018

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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