



# Service Bulletin

Bulletin No.: 19-NA-181

Date: July, 2022

## TECHNICAL

**Subject:** Multiple Electrical Concerns, Intermittent Multiple Instrument Panel Cluster (IPC) Warning Lamps Illuminated, Intermittent Multiple Message on Drivers Information Center (DIC) and Malfunction Indicator Lamp (MIL) Illuminated - DTC P057D, P057E, P0658, P0700, P073D, P07E4, P16F4, P175F, P1778, P1789, P2760, U0073, U0101 and/or U0121

This bulletin combines PIP5563. Please discard PIP5563.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Equinox	2018	2020				
GMC	Terrain						
Holden	Equinox						

<b>Involved Region or Country</b>	North America, Middle East, Israel, S. America, S. Korea, Thailand, Australia, New Zealand, Egypt and Africa
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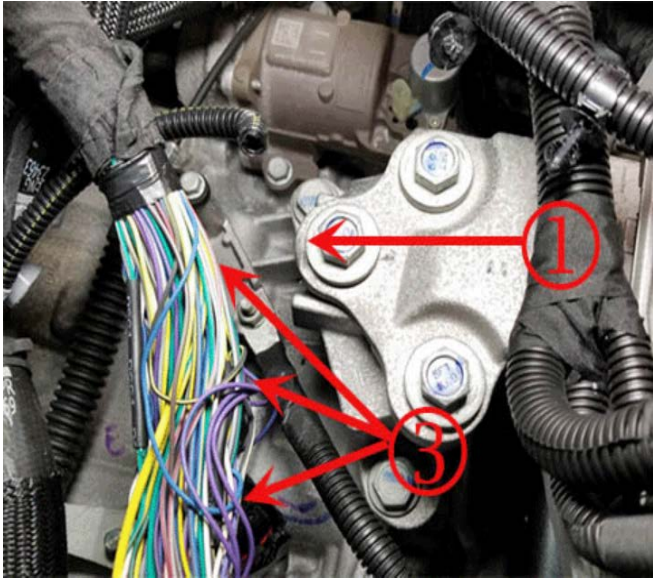
<p><b>Condition</b></p>	<p>Some customers may comment on, but not limited to, one or more of the following conditions:</p> <p><b>Note:</b> This is a multi-wire bundled harness and depending on which wire is damaged, can set a variety of DTCs. Not all of the effects or driver notifications listed have been experienced. However, the different effects and driver notifications may be caused by one of the wires in the harness being chafed or cut. Components on different lines in the list below are in different circuits. Due to the cause of the condition, and the positions of the wires in the harness, it is unlikely that more than one circuit and/or fuse will be affected by the condition.</p> <ul style="list-style-type: none"> <li>• MIL illuminated</li> <li>• Service Transmission message displayed on DIC</li> <li>• Service Parking Brake/Parking Brake Warning on</li> <li>• Parking Brake remains on causing no vehicle movement</li> <li>• Transmission will not shift</li> <li>• No Reverse</li> <li>• Stabilitrac message on</li> <li>• Vibration on rough roads or on acceleration or deceleration (torque related)</li> </ul> <p>Some technicians may find one or more of the following DTCs in history:</p> <ul style="list-style-type: none"> <li>• P057D</li> <li>• P057E</li> <li>• P0658</li> <li>• P0700</li> <li>• P073D</li> <li>• P07E4</li> <li>• P16F4</li> <li>• P175F</li> <li>• P1778</li> <li>• P1789</li> <li>• P2760</li> <li>• U0073</li> <li>• U0101</li> <li>• U0121</li> </ul>
<p><b>Cause</b></p>	<p>This condition may be caused by one or more of the following conditions.</p> <ul style="list-style-type: none"> <li>• Engine wiring harness contacting the transmission mount bracket</li> <li>• Engine wiring harness contacting a transmission control valve body cover stud.</li> </ul>
<p><b>Correction</b></p>	<p>Validate and inspect the engine wiring harness at the engine bracket or at the transmission control valve cover stud, refer to the Service Procedure below.</p>

**Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.**

**Note:** Possible multiple effects or driver notifications may be experienced by one of the wires in the engine harness being chafed or cut in different circuits. Due to the cause of the condition, and the positions of the wires in the engine harness, it is unlikely that more than one circuit and/or fuse will be affected by the condition.

Cars with the 6 speed could have a chafing issue at the mount location as well, it might not be for the specific circuit noted. The transmission studs in the 2nd section are for 9 speed only. The 6 speed has bolts, not studs.

### Service Procedure at Transmission Mount Bracket



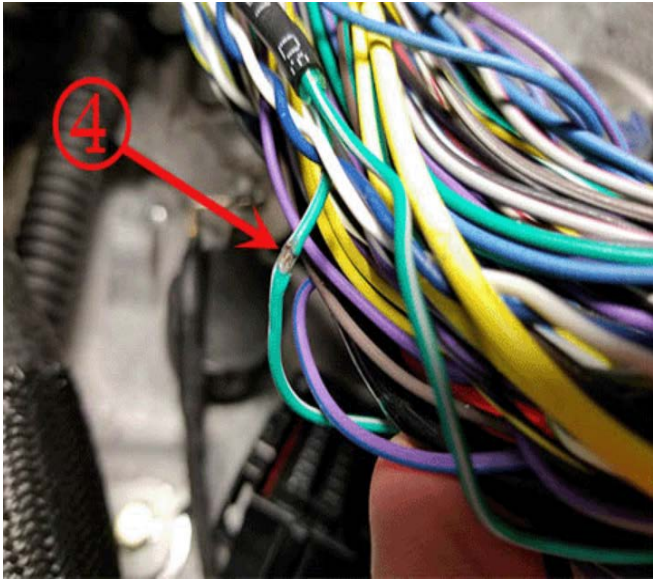
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1. For **M3H/M3U**, inspect engine harness for proper routing and circuit 6387 for damaged wiring.
  - Wrap removed, point of contact (1) and chafed wire.



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- Witness mark from point of harness contact.



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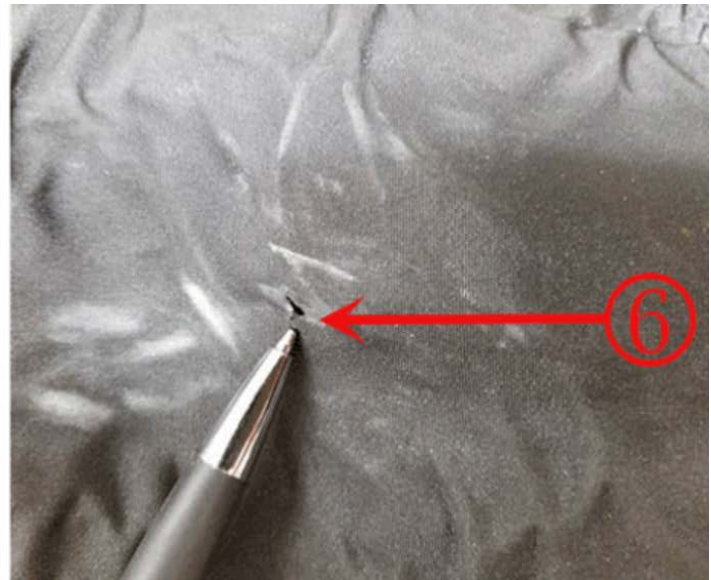
- Damaged wire (4) at circuit 6387 TCM high side driver.



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- Wire harness retainer not installed into bracket.



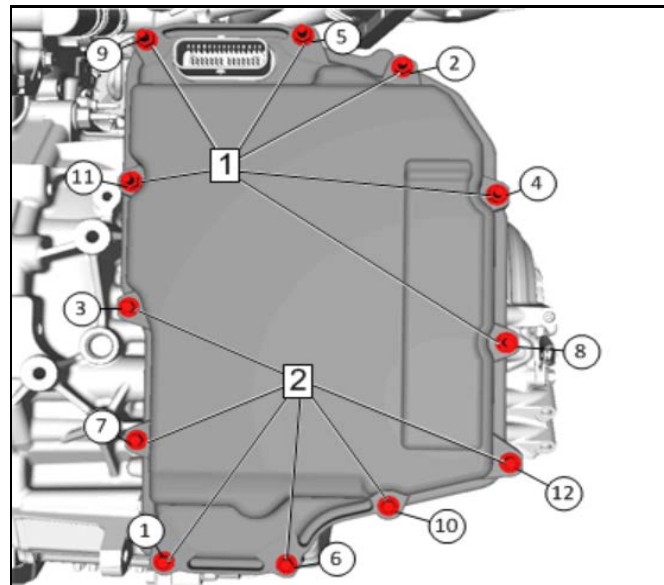


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- Witness mark (hole) from removed wrap (5, 6).
2. Repair the wires per the *Wiring Repairs* procedure in SI.
  3. Using Woven Polyester Electrical Tape (PET), tape all the contact points of the engine harness ensuring that the tape is applied in a double layer extending along the harness past the splice sleeves.
  4. Verify all straps are secured and retainers are installed.

### Service Procedure at Transmission Valve Cover Stud

**Note:** Possible multiple effects or driver notifications may be experienced by one of the wires in the engine harness being chafed or cut in different circuits. Due to the cause of the condition, and the positions of the wires in the engine harness, it is unlikely that more than one circuit and/or fuse will be affected by the condition.



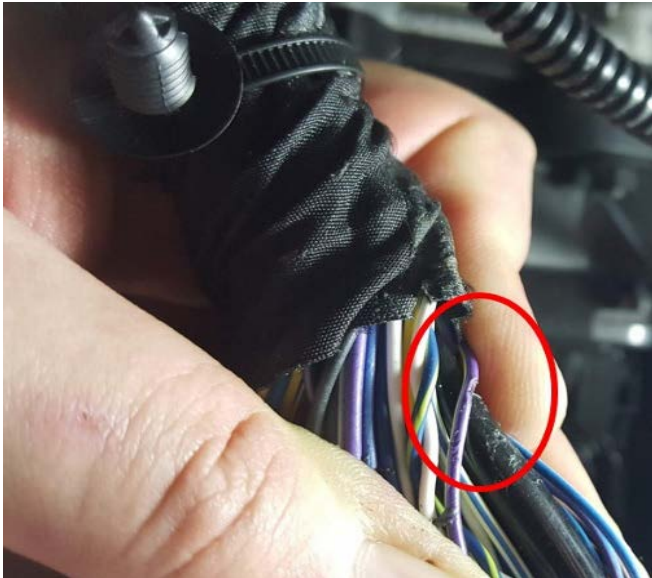
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1. Inspect the engine wiring harness conduit and wires for chaffing around the #2, 5, and/or 9 stud of the transmission control valve body cover.



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- Point of contact and chaffed wire.



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- Wrap removed, close-up picture.

2. Repair the wires per the *Wiring Repairs* procedure in SI.
3. Using Woven Polyester Electrical Tape (PET), tape all the contact points of the engine harness ensuring that the tape is applied in a double layer extending along the harness past the splice sleeves.
4. Verify all straps are secured and retainers are installed.

**Parts Information**

Causal Part	Description	Part Number	Qty
N/A	Splice Sleeve**	1559741	As Necessary
N/A	Woven Polyester (PET) Electrical Tape**	1985620 (USA)*	1
		894.1230 (Canada)*	

\*There is enough material to service multiple vehicles. Store the remaining material for future use.

\*\*For USA, contact Wurth through website [www.wurthusa.com](http://www.wurthusa.com), by e-mail at [www.customer.service@wurthusa.com](mailto:www.customer.service@wurthusa.com), or by calling 1-800-987-8487.

For Canada, contact Wurth through their website at [www.wurth.ca/](http://www.wurth.ca/), by e-mail at [info@wurth.ca](mailto:info@wurth.ca), by calling 1-800-263-5002 or your local Wurth rep.

**Warranty Information**

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
5430902	Wire-to-Wire Repair	Use the Published Labor Operations Time

<b>Version</b>	3
<b>Modified</b>	Released August 13, 2019 Revised December 08, 2021 - Update Labor Operation number. Revised July 18, 2022 - Added New Note before the Service Procedure section and Added M3H/M3U to Step 1 of Transmission Mount section.

Additional Keywords: P0651, P0641, P0697, P06A3, P06D2, P0462, U0074, U240D, P2635.

