Service Bulletin

Bulletin No.: 19-NA-181
Date: December, 2021

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**

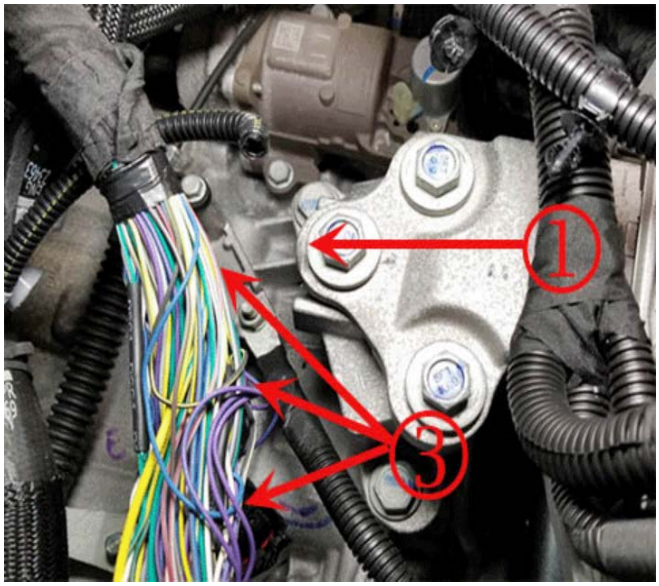
This bulletin combines PIP5563. Please discard PIP5563.

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

Involved Region or Country	North America, Middle East, Israel, S. America, S. Korea, Thailand, Australia, New Zealand, Egypt and Africa
Condition	Some customers may comment on, but not limited to, one or more of the following conditions: **Note:** 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. • MIL illuminated • Service Transmission message displayed on DIC • Service Parking Brake/Parking Brake Warning on • Parking Brake remains on causing no vehicle movement • Transmission will not shift • No Reverse • Stabilitrac message on • Vibration on rough roads or on acceleration or deceleration (torque related) Some technicians may find one or more of the following DTCs in history: • P057D • P057E • P0658 • P0700 • P073D • P07E4 • P16F4 • P175F • P1778 • P1789 • P2760 • U0073 • U0101 • U0121
Cause	This condition may be caused by one or more of the following conditions. • Engine wiring harness contacting the transmission mount bracket • Engine wiring harness contacting a transmission control valve body cover stud.
Correction	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.

Service Procedure at Transmission Mount Bracket

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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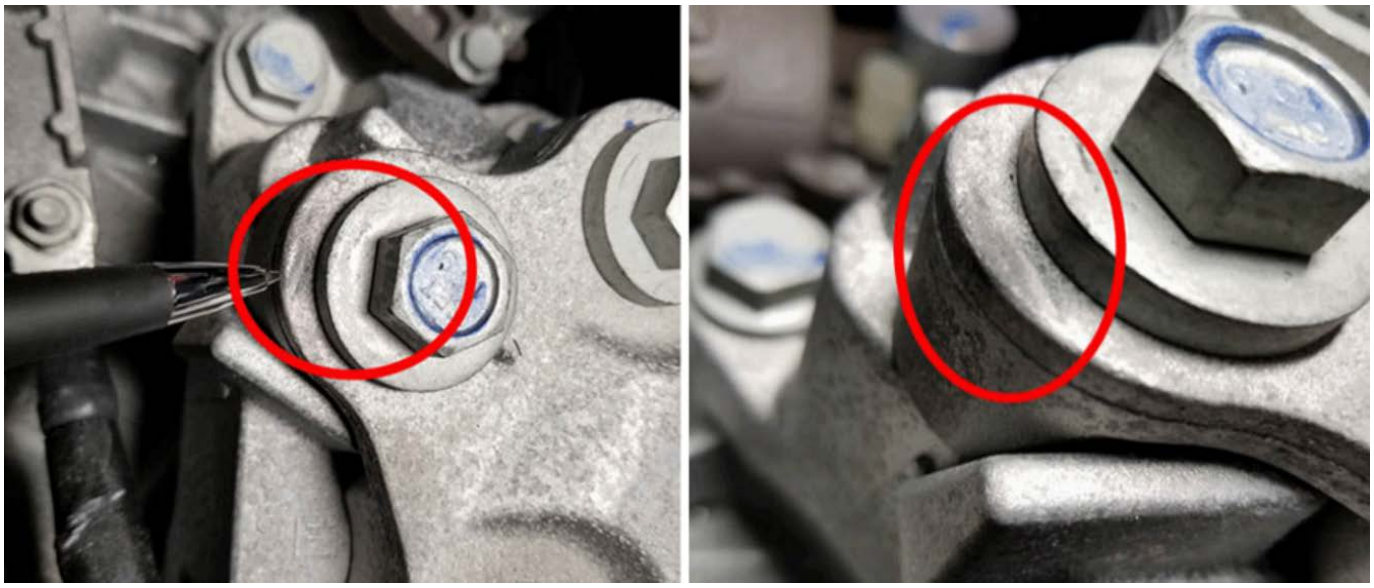
1. Inspect engine harness for proper routing and circuit 6387 for damaged wiring.
   - Wrap removed, point of contact (1) and chafed wire.



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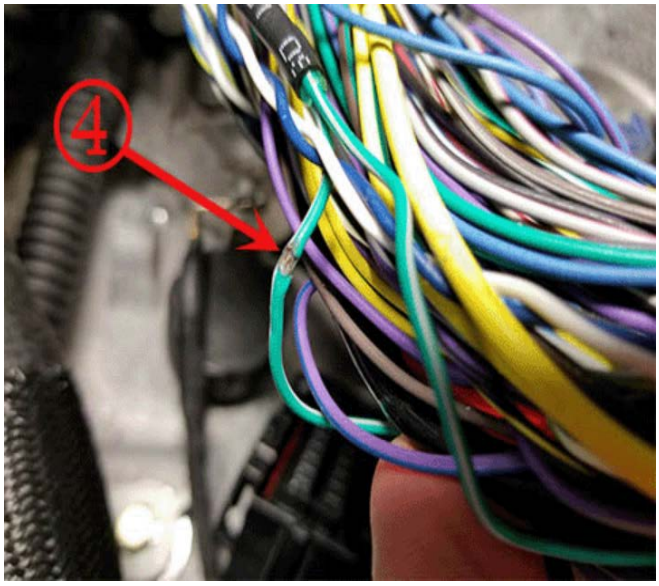
   - Witness mark from point of harness contact.



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

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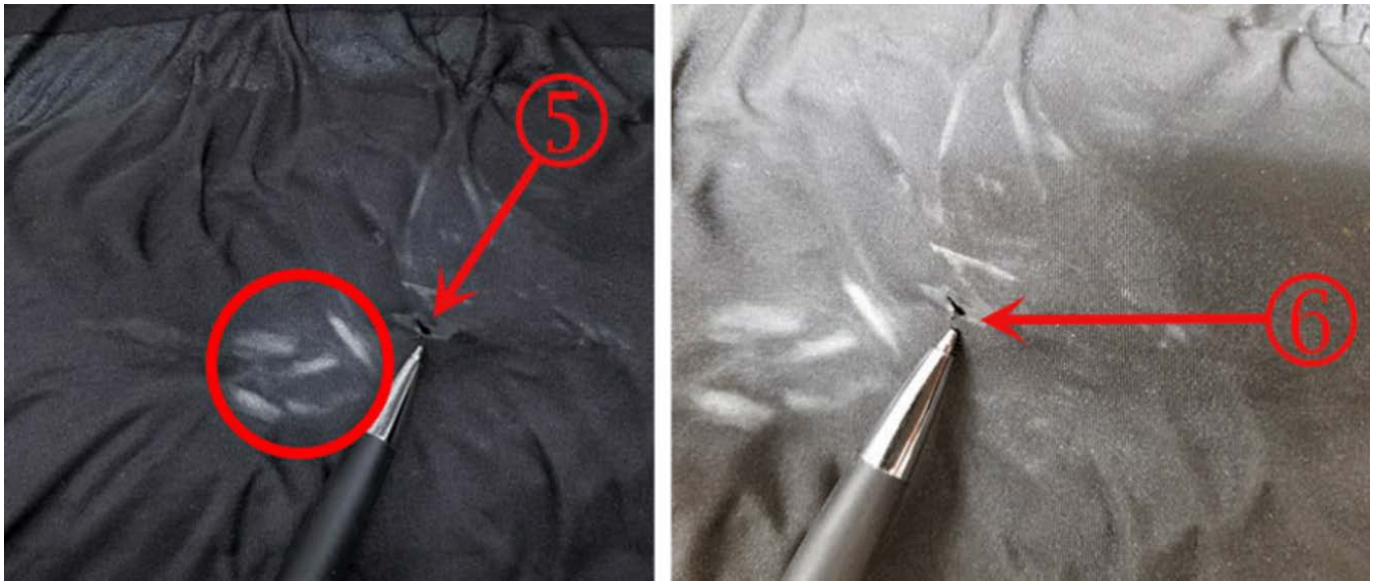
- Wire harness retainer not installed into bracket.



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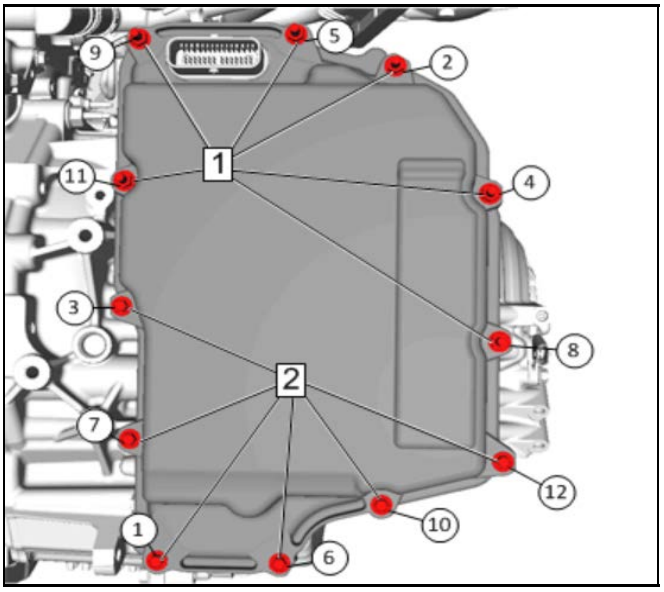
- Witness mark (hole) from removed wrap (5, 6).

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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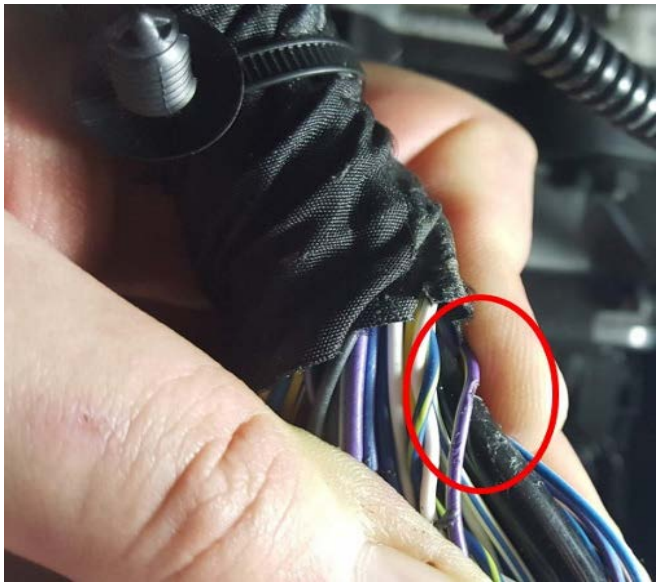
- Point of contact and chaffed wire.



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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 though website www.wurthusa.com, by e-mail at www.customer.service@wurthusa.com, or by calling 1-800-987-8487.

For Canada, contact Wurth though their website at www.wurth.ca/, by e-mail at 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

Version	2
Modified	Released August 13, 2019 Revised December 08, 2021 - Update Labor Operation number.

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