



Service Bulletin

Bulletin No.: 18-NA-217

Date: January, 2019

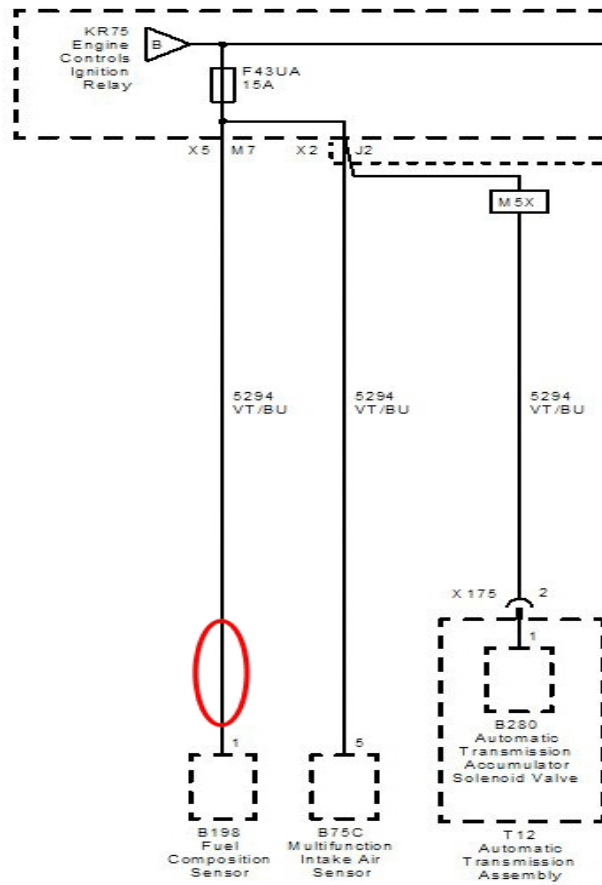
TECHNICAL

Subject: Cruise Control Inoperative, Malfunction Indicator Lamp (MIL) Illuminated - DTCs P0097, P00F4, P0102 and/or P2199 Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado	2017	2018			L83, L86	
	Silverado LD	2019	2019				
GMC	Sierra	2017	2018				
	Sierra Limited	2019	2019				

Involved Region or Country	North America, Middle East, Israel, Thailand and Chile
Condition	<p>Some customers may comment that:</p> <ul style="list-style-type: none">• MIL is illuminated• Cruise control inoperative <p>Some technicians may find one or more of the following DTCs set:</p> <ul style="list-style-type: none">• P0097: Intake Air Temp (IAT) Sensor 2 Circuit Low Voltage in the Engine Control Module (ECM).• P00F4: Intake Air Humidity Sensor Circuit Low Voltage in the ECM.• P0102: Mass Air Flow (MAF) Sensor Circuit Low Frequency in the ECM.• P2199: Intake Air Temp (IAT) Sensor 1-2 Not Plausible in the ECM. <p>Some technicians may also find fuse #43 open.</p>


Cause



5118293

This condition may be caused by a short in circuit 5294 near the fuel composition sensor electrical connector.

⇒ Refer to Document ID: 4694347 in SI.

<p>Correction</p>	<div style="text-align: right; margin-bottom: 10px;">  </div> <p style="text-align: right; margin-bottom: 10px;">5118301</p> <p>If the above condition has been validated, inspection of the engine wiring harness must be done at the fuel composition sensor (Flexible Fuel Sensor).</p> <ol style="list-style-type: none"> 1. Raise the vehicle. 2. With a suitable light, inspect the wiring harness point of contact. 3. Repair the harness as needed. <p>⇒ Refer to <i>Wire to Wire Repair</i> in SI.</p> <ol style="list-style-type: none"> 4. 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. <p>⇒ If required, replace the blown fuse in regards to repair performed on the engine harness.</p>
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Parts Information

No parts are required for this repair.

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 June 28, 2018 Revised January 10, 2019 - Added 2019 K2's to Model section.

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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