



# Service Bulletin

Bulletin No.: 18-NA-035

Date: February, 2020

## INFORMATION

**Subject: Information on Transmission No Command Overdrive Ranges During Cold Ambient Temperatures**

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission: (Automatic)
		from	to	from	to		
Buick	Encore	2018	2019			1.4L (LE2)	6T40 (MNH)
	Encore (VIN J)	2020	2020			1.4L (LUV)	6T40 (MNH)
Chevrolet	Cruze (Gen II - B)	2018	2019			1.4L (LE2)	6T35 (MNU)
	Equinox		2020			1.5L (LYX)	6T40 (MNH)
	Malibu					1.5L (LFV)	6T40 (MNH)
GMC	Terrain					1.5L (LYX)	9T45 (M3U)

<b>Involved Region or Country</b>	North America, Middle East, South Korea, Africa, Israel, Brazil, Colombia, Ecuador, Chile, Uruguay, Peru
<b>Condition</b>	Some customers may comment that the transmission will not shift into overdrive range during cold ambient temperatures.
<b>Information</b>	<p>This condition may be caused by the engine control system detecting conditions that indicate the freezing of moisture in the charge air cooler.</p> <p><b>Note:</b> Diagnostic aid overdrives ranges can only be commanded with GDS tool to confirm correct transmission operation.</p> <p>When the control system detects the above conditions and the ambient temperature is either below 0°C (32°F) or slightly above 0°C (32°F) with high moisture, but not frozen, it takes the following actions:</p> <ul style="list-style-type: none"> <li>• Requests a lower gear than normal (resulting in higher RPM).</li> <li>• The system will enable the condition as needed to prevent freezing.</li> </ul> <p>⇒ This strategy is to prevent a potential excessive air restriction due to an icing condition, which would lead to a P0299 DTC and reduced engine power mode.</p> <p>Explain to the customer their vehicle is operating normally. Do not attempt to repair or replace any parts to alter the original vehicle design intent. You may wish to give the customer a copy of this bulletin.</p>

<b>Version</b>	4
<b>Modified</b>	<p>Released February 2, 2018</p> <p>February 12, 2018 – Updated the temperature readings to 0°C (32°F) and removed a transmission for the Terrain.</p> <p>February 21, 2019 – Removed M3U from Equinox, revised the Subject title, added a Note and temperature slightly above 0°C (32°F) to the Information section.</p> <p>February 3, 2020 – Added the 2020 Model Year.</p>

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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