



# Preliminary Information

## PIT5992 Diagnostic Aid: Intermittent No Start. Keyless Entry Inoperative Possible B3031 Or Customer May Note Ready For Fob Message

### Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Equinox	2018 - 2023	All	All	All	All
GMC	Terrain	2018 - 2023	All	All	All	All

<b>Involved Region or Country:</b>	<b>North America</b>
<b>Condition:</b>	<b>Remote Keyless Entry inoperative, no crank/start, B3031 stored , possible Ready For Fob "X" message on the DIC.</b>
<b>Cause:</b>	<b>Intermittent door lock cylinder input sent to the BCM causing entry into manual fob learn mode.</b>

### Correction:

If you have a vehicle that presents as a no crank, no start with the active and passive keyless entry inoperative , a "Ready For Fob "X" message on the DIC and possibly a B3031 stored in the BCM, complete the fob learn for both fobs using SPS.

Then monitor the Drivers Door Window Switch data in the BCM for a Door Lock Cylinder Switch input that intermittently flashes "Active".

Cycling the drivers door lock cylinder 5 times in 10 seconds will put the BCM in manual fob learn mode.

This condition is likely caused by an anomaly in the drivers window switch sending an errant message to the BCM via the LIN bus.

Suspect the drivers window switch as being the cause.

### Warranty Information

For vehicles repaired under the bumper to bumper warranty use published labor times.

### Version History

<b>Version</b>	<b>1</b>
<b>Modified</b>	<b>03/17/2023 - Created.</b>



GENERAL MOTORS