

Subject: **Engineering Information – Wheel Speed Sensor Inoperative, DTCs C0035, C0040, C0045 and/or C0055 Set**

Attention: **Proceed with this EI ONLY if the customer has commented about this concern AND the PIE number is listed in the Global Warranty Management / Investigate History link (GWM/IVH). If the customer has not commented about this condition or the EI does not show in GWM/IVH, disregard the PI and proceed with diagnostics found in published service information. THIS IS NOT A RECALL — refer to the latest version of Service Bulletin 04-00-89-053 for more details on the use of Engineering Information bulletins.**

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Malibu	2019	2020				
	Impala						

Involved Region or Country	North America
Condition	<p>Important: If the customer did not bring their vehicle in for this concern, DO NOT proceed with this EI.</p> <p>Some customers may comment on the wheel speed sensor being inoperative.</p> <p>Technicians may find the following DTCs set:</p> <ul style="list-style-type: none"> • C0035: Left Front Wheel Speed Sensor Circuit • C0040: Right Front Wheel Speed Sensor Circuit • C0045: Left Rear Wheel Speed Sensor Circuit • C0055: Right Rear Wheel Speed Sensor Circuit
Cause	<p>GM Engineering is attempting to determine the root cause of the above condition. Engineering has a need to gather information on vehicles PRIOR to repair that may exhibit this condition. As a result, this information will be used to "root cause" the customer's concern and develop/validate a field fix.</p>

Correction

If you encounter a vehicle with the above concern, perform the following checks listed below and contact the engineer below with your findings.

- Check the routing for the wheel speed sensor harness to ensure no twists and/or is not touching any components.
- Visually inspect the wheel speed sensor harness for damage (cut or rubbed through).
- Take pictures of the wheel speed sensor and the clip orientation.

Contact Information

Engineer Name	Phone Number
Kevin Connor	586-922-8803

Please include the following information if leaving a message:

- Technician name
- Dealer name and phone number
- Complete VIN and repair order (R.O) number

On the repair order, document the date and time the call was placed (even if the engineer was not reached).

If engineering is unable to return the call within one hour, proceed with diagnosis and repair based on information found in SI.

Warranty Information

If engineer was contacted or required information was provided, use:

Labor Operation	Description	Labor Time
2486008*	Engineering Information – Wheel Speed Sensor Inoperative, Multiple DTCs Set	0.4 hr
*This is a unique Labor Operation for Bulletin use only.		

Version	1
Modified	Released August 13, 2019