

Subject: Engineering Information – Smoke or Burning Odor from Underhood with Malfunction Indicator Lamp (MIL) Illuminated with DTC P305F or P058D

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	Impala Malibu	2014	2018			All	All

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 a smoke or burning smell originating from the underhood area with a malfunction indicator lamp (MIL) illuminated.</p> <p>During diagnosis, a technician may find DTC P305F (Dual Battery Control Module Performance) or P058D (Battery Monitor Module Voltage Monitoring Performance) set in the Engine Control Module (ECM).</p>
Cause	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.

Correction

If you encounter a vehicle with the above concern, prior to completing any repairs, perform the following steps:

1. Visually inspect for signs of deformation from overheating of the Dual Battery Isolation Module (DBIM).
2. Check ground resistance from DBIM connector to chassis.
3. Check main and auxiliary battery state of charge.
4. Contact engineer for further instructions.

Contact Information

Engineer Name	Phone Number
Eric Bonn	(586) 879-8569

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
4086228*	Engineering Information – Smoke or Burning Odor from Underhood	0.5 hr
*This is a unique labor Operation for Bulletin use only.		

Version	1
Modified	Released April 30, 2018