



# Service Bulletin

Bulletin No.: 20-NA-043

Date: November, 2020

## INFORMATION

**Subject:** Information on Reduced Engine Power Message Displayed on the Driver Information Center (DIC), Malfunction Indicator Light (MIL) Illuminated - DTC P0106 and/or P140C Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado	2017	2018			L5P	
	Silverado 2500/3500	2019	2021				
GMC	Sierra	2017	2018				
	Sierra 2500/3500	2019	2021				

<b>Involved Region or Country</b>	North America
<b>Condition</b>	<p>Some customers may comment on one or more of the following conditions:</p> <ul style="list-style-type: none"> <li>• Reduced engine power displayed on the DIC</li> <li>• MIL Illuminated</li> </ul> <p>Some technicians may find one or more of the following DTCs set in the Engine Control Module (ECM):</p> <ul style="list-style-type: none"> <li>• P0106: Manifold Absolute Pressure (MAP) Sensor Performance</li> <li>• P140C: HO2S Slow Response Rich to Lean Sensor 1</li> </ul>
<b>Cause</b>	This condition may be caused by ice forming on the TMAP sensor.
<b>Information</b>	<p><b>Important:</b> It is recommended to use a winter cover on 2020 model year vehicles in temperatures below 24F (-5C).</p> <p>During a 1-2 hour drive in below freezing temperatures, ice may form on the MAP sensor. This could cause drivability issues and reduced power message along with the MIL. Once the vehicle is stopped and allowed to idle, the ice on the sensor melts. The next key cycle, the reduced power should be gone, but the MIL (P0106/P140C) will remain.</p> <p><b>Important:</b> Due to the sensitivity of the sensor, <b>Do Not</b> use any chemical cleaners including water and <b>Do Not</b> use compressed air to remove contaminants.</p> <p>If P0106 is set in history and there is evidence that the code may have set due to icing, inspect the TMAP sensor. If it is clean and dry, there is no need to replace the sensor.</p> <p>Installing a winter grill cover may reduce the possibility of future occurrences. Please note on the repair order if a winter grill cover was on the vehicle when it arrived.</p> <p><b>Important:</b> If sensor is covered in soot, this should not prevent the sensor from functioning properly and it should not be replaced. Do not attempt to clean soot off the sensor. This could cause damage to the Thermistor</p>

## Parts Information

No parts are required for this repair.

<b>Version</b>	3
<b>Modified</b>	Released February 26, 2020 Revised May 04, 2020 - Add Important statement to install a winter cover in Information section. Revised October 27, 2020 - Add 2021 Model Year.

