



Service Bulletin

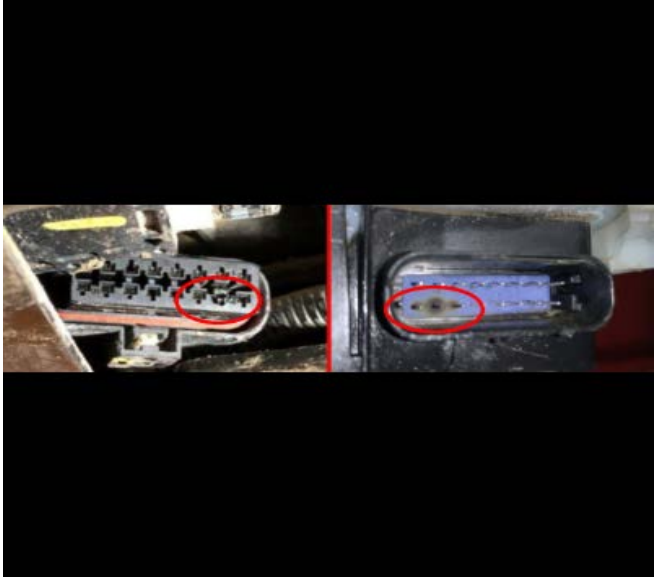
Bulletin No.: 21-NA-006

Date: October, 2022

INFORMATION

Subject: Diagnostic Tip to Diagnose Emission Reduction Fluid Tank Electrical Connector Inspection, Reduced Power Message, Service Emissions System, System Displayed on the Drivers Information Center (DIC) Malfunction Indicator Lamp (MIL) Illuminated - DTC P20C1, P21DD, P221C, P10D9, P10F3, P143C, P20B9, and/or P221E

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	Escalade Models	2021	2022			LM2	
Chevrolet	Silverado 1500	2020	2021			LM2	
	Silverado 1500 - (LTD, RPO J21, 12th VIN Digit = 4 or less)	2022	2022			LM2	
	Silverado 1500 - (RPO J22, 12th VIN Digit = 5 or greater)					LM2	
	Silverado 2500HD/3500HD	2020	2021			L5P	
	Suburban	2021	2022			LM2	
	Tahoe	2021	2022			LM2	
	GMC	Sierra 1500	2020	2022			LM2
Sierra 1500 - (Limited, RPO J21, 12th VIN Digit = 4 or less)		2022	2022			LM2	
Sierra 1500 - (RPO J22, 12th VIN Digit = 5 or greater)						LM2	
Sierra 2500HD/3500HD		2020	2021			L5P	
Yukon Models		2021	2022			LM2	

<p>Involved Region or Country</p>	<p>North America, Uzbekistan, Russia, Middle East, Israel, Palestine, Chile (West), Colombia (West), Ecuador (West), Paraguay (West), Peru (West), Uruguay (West), Japan, Cadillac Korea (South Korea), Thailand (ASEAN), Australia/New Zealand</p>
<p>Condition</p>	<p>Some customers may comment that the MIL is illuminated and a reduced power message with a Service Emissions System message as well.</p> <p>Some technicians may one or more of the following DTCs set in the Engine Control Module (ECM):</p> <ul style="list-style-type: none"> • P20C1: Reductant Heater 3 Control Circuit • P21DD: Reductant Tank Heater 1 Low Current • P221C: Reductant Tank Heater 2 High Current • P10D9: Reductant Heater 1 Control Circuit Shorted • P10F3: Reductant Heater 2 Control Circuit Shorted Reductant Heater 2 Control Circuit • P143C: Reductant Heater 3 Control Circuit Shorted Reductant Heater 2 Control Circuit • P20B9: Reductant Heater 1 Control Circuit • P221E: Reductant Tank Heater 3 Low Current <p>Some technicians may also find when commanding one of the heaters on, that there is no current, 0 amps in GDS2 or unable to command the heaters on.</p>
<p>Cause</p>	<p>This condition may be caused by a poor connection at the Emission Reduction Fluid Tank electrical connector.</p>
<p>Correction</p>	<div style="text-align: center;">  </div> <p style="text-align: right;">5708899</p> <p>Inspect the A38 - Reductant Pump and Sensor Assembly electrical connector for any signs of damage and repair as necessary.</p> <p>– If this condition is not found, refer to Service Information section.</p> <p>Note: If this condition is found on a Silverado HD or Sierra HD, check for an update to the Emissions Reductant Fluid Controller. Updating the controller will prevent this from happening again.</p>

Service Information

On all vehicles, replace the *Emission Reduction Fluid Tank Replacement in SI*.

Parts Information

Causal Part	Description	Part Number	Qty
X	L5P: TANK, EMIS RDCN FLUID (INCLS 3,5-10) CK209,309 (43-53) (L5P) 2020 - 2022 01 8D 5305A	85138746	1
X	LM2 P/U: TANK, EMIS RDCN FLUID CK105, 107 (43) (LM2) 2020 - 2022 01 8D 5305B	84914535	1
X	LM2 SUV: TANK, EMIS RDCN FLUID CK1 (06) (LM2) 2021 - 2022 01 8D 5305B	86772598	1

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
4025130	Emission Reduction Fluid Tank Replacement	Use the Published Labor Operations Time

Version	2
Modified	Released January 20, 2021 Revised October 10, 2022 – Fixed typo in Subject, Added Reference to A38 Pump and Sensor Assembly, and the Part number for Which Vehicle in the Correction section.

