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Case Number: S2208000005

Release Date: January 2022

Symptom/Vehicle Issue: D-Pillar 2nd And 3rd Row Power Folding Seat Switch Inop

Discussion: The D-Pillar power folding seat switch may be inoperative. There may not be any related faults present. The PLGM may properly report liftgate position (as open/closed) however if the BCM does not see the liftgate in the open position it will lock out the FSM D-Pillar switch resulting in customer complaint.



This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found



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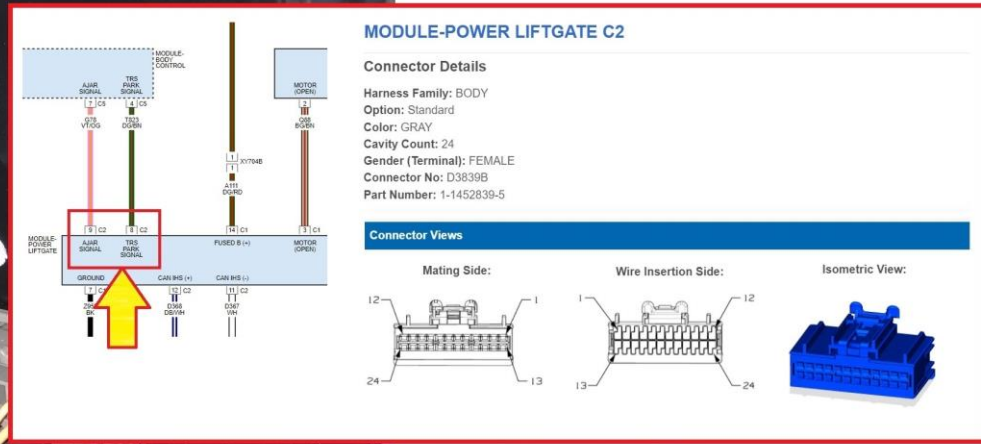
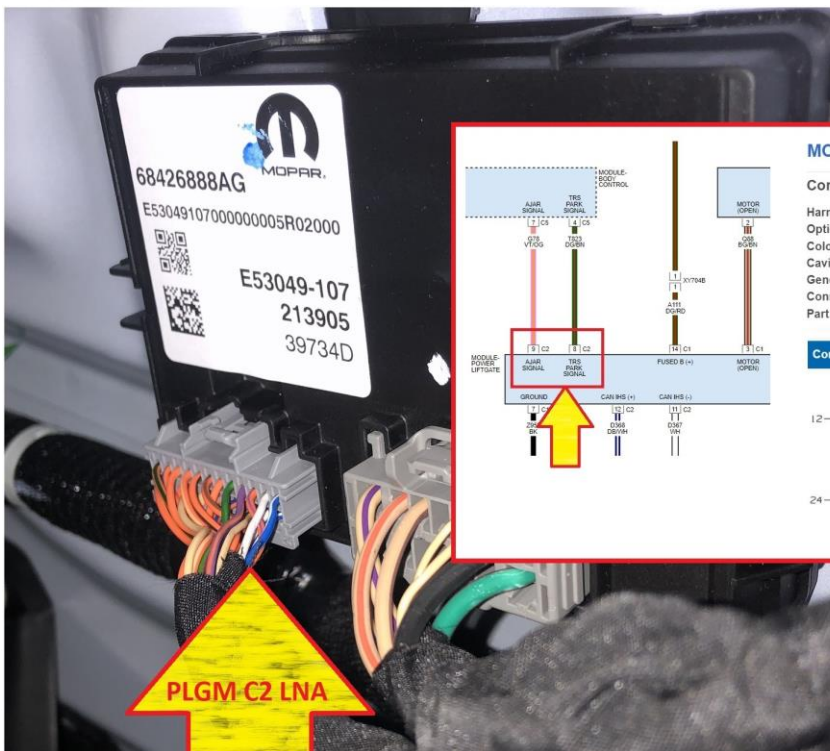
Diagnostics: Using WiTech, review the power liftgate status in the BCM. Determining if the BCM believe it is open or closed. If the BCM status does not match the physical position of the power liftgate. Verify continuity on liftgate ajar signal circuit G78 between PLGM and BCM, check for opens/shorts or loose connections at the BCM or PLGM.

PLGM LIFGATE OPEN

Ungrouped Data				
NAME^	VALUE	UNIT	TYPE	
Battery Voltage Input	14.36	V	Busse Inputs	
Chime Activation	Off		Busse Output	
Gear Position 1 Switch Closed	Yes		Sensors	
Gear Position 2 Switch Closed	Yes		Sensors	
Latch Motor Current Sense	0.000	A	Sensors	
Latch Sector Status	SECTOR_READY_TO_CINCH		Sensors	
Latch Status	Unlatched		Sensors	
Liftgate Status	Open		Sensors	
Number of FlashRom re-writings (F-ROM)	255	Number	Busse Inputs	
Pawl Detent Switch Closed	Yes		Sensors	
PLGM Direction	Stationary Position		Sensors	

BCM LIFTGATE CLOSED

Pin D28 - Brake Pedal Switch	Off		Sensors
Pin E03 / G09 - Internal Trunk Liftgate Switch	Reserved		Sensors
Pin E03 / G09 - Internal Trunk Liftgate Switch Voltage	8.0314	Volts	Sensors
Pin E07 - Liftgate Ajar	Not Ajar		Sensors
Pin E07 - Liftgate Ajar Voltage	16.0000	Volts	Sensors
Pin E09 - Driver Door Ajar	Not Ajar		Sensors
Pin E09 - Driver Door Ajar Voltage	16.0000	Volts	Sensors
Pin E17 - Right Rear LED Diagnostic	Not Short		Sensors
Pin E17 - Right Rear LED Diagnostic Voltage	16.0000	Volts	Sensors
Pin E18 - Passenger Door Lock Position	Unlock		Sensors
Pin E18 - Passenger Door Lock Position Voltage	16.0000	Volts	Sensors
Pin E29 - Driver Secondary Door Ajar	Open Circuit		Sensors



PLGM C2 (D3839B) LNA RESULTING IN D-PILLAR SWITCH LOCKOUT

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Repair Procedure: Secure PLGM/BCM connections or repair circuit G78 as needed.

Verification: Confirm the 2nd and 3rd row power folding seats operate normally.

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