



## STAR ONLINE PUBLICATION



**Case Number:** S2308000042 Rev.A

**Release Date:** July 2023

**Symptom/Vehicle Issue:** EPS And Other CAN C Modules Offline, U0001 And U0002 Can C Bus Diagnostic Trouble Codes (DTCs).

**Discussion:** When connecting wiTECH and viewing topology the Electric Power Steering (EPS) is offline along with other CAN C Modules. Scanning the vehicle for DTC's you may find U0001 – CAN C Bus and U0002 – CAN C Bus Off Performance. The vehicle may be unresponsive at times.

**Diagnosis:** To confirm the root cause is related to the EPS wiring perform the below.

1. Complete the following steps and evaluate after each step if CAN-C bus comes back online (check for active DTCs).
  - A. Verify EPS jumper harness has no damage or grounding.
  - B. Wiggle the connector and ensure it is fully seated.
  - C. Check EPS connector for any sign of corrosion, bent pins, shorted pin, loose connection. If damage is found, replace damaged component. EPS C1 connector repair kit is available 68358151AA.

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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### MODULE-EPS C1

Full Repair Kit: 68358151AA

No terminal repair kits have been identified.

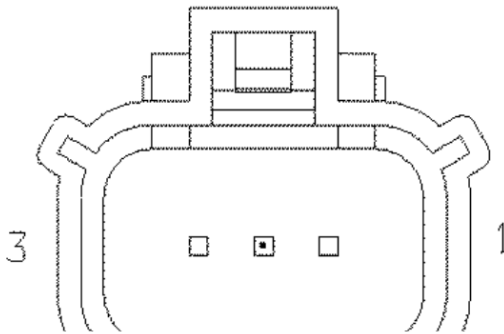
End View

#### Removal Tools

A specific removal tool has not been identified.

#### Pin Information

Cav	Circuit	Gauge	Color	Function
1	D138	0.35	YE	CAN C (-)
2	D139	0.35	YE/BN	CAN C (+)
3	F942	0.50	PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN-START)



D. Unplug connector, wait for 5 minutes, plug it back.

E. Bypass EPS jumper harness using the overlay wires. If this resolves the issue, replace EPS jumper harness.

F. If issue is still present after completing above steps, replace EPS gear as a last step.

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