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Case Number: S2523000088 Rev. B

Release Date: July 2026

Symptom/Vehicle Issue: Vehicle Shifter Will Not Shift Out Of Park.

Models Affected:

2025-2026 RAM 2500 (DJ),
2025-2026 RAM 3500 (D2/DD),
2025-2026 RAM 4500/5500 (DP)

Customer Complaint/Technician Observation: Shifter will not move out of park while engine running. Technician may find diagnostic trouble code(s) (DTC) relating to the electronic shift module (ESM):

P1C8B-16 -BATTERY VOLTAGE - CIRCUIT VOLTAGE BELOW THRESHOLD
P1C8B-17 -BATTERY VOLTAGE - CIRCUIT VOLTAGE ABOVE THRESHOLD
P1C8C-16 -SYSTEM VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD
P1C8C-17 -SYSTEM VOLTAGE-CIRCUIT VOLTAGE ABOVE THRESHOLD
U1056-00 -HIGH SPEED FD-CAN3 COMMUNICATION BUS
U1057-00 -HIGH SPEED FD-CAN3 COMMUNICATION BUS PERFORMANCE
U106A-00 -HIGH SPEED FD-CAN10 COMMUNICATION BUS PERFORMANCE
U11E3-00 -TCM LOST COMMUNICATION WITH ESM ON D-PT CAN

Discussion: Prior to replacement of any parts for a shifter not moving complaint, review the below information.

1. Verify the customer complaint:
 - Is the shifter not moving with the engine running?
Yes- go to step 2.

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No- this document does not apply, continue standard diagnostics.

2. Read DTC(s). Save a Vehicle Scan Report (VSR).
 - Review environmental data from any DTC(s) set.
 - a. Look low voltage readings from the modules (including ESM).
 - b. If voltage is indicated to be low or lower than expected, test the battery(s) with the Mopar Maximus battery tester. Correct any voltage/battery issues before continuing to step 3.

<<< Note >>> The ESM will not shift from park if the voltage drops to 8 or below during a shifter position change. If there are DTC(s) set for voltage the ESM is not the cause of the shifter not coming out of park.

3. Perform a shifter hard reset by doing one of the two options:
 - using wiTECH perform an ecu reset.
 - Locate and remove Fuse F16 from the under-dash power distribution center.

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4. After saving a VSR, clear the DTC(s) set. Perform a test drive and attempt to duplicate the condition. Test drive should consist of 5 off/start engine ignition key cycles over 5 miles or less of driving with 5 events of bus sleep cycles (key off and cluster back lighting/radio time out).

Did the no shift with engine complaint duplicate?

Yes- Review and follow the DTC(s). Also follow diagnostics for any loss of communication codes if set.

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No- Do not replace the ESM. Inspect pins at both the ESM and Transmission Control Module (TCM). Verify connections, power, ground and bus.

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