



STAR ONLINE PUBLICATION



Case Number: S2508000050 REV. D

Release Date: May 2026

Symptom/Vehicle Issue: Upon Start-Up Vehicle Would Not Go into Gear, Vehicle Does not Shut Off, Turtle Lamp on, Wrench Icon on or Reduced Power

Models Affected:

2024-2025 Jeep Wagoneer S (KM)

2024-2025 Dodge Charger (LB)

Customer Complaint/Technician Observation: The owner complains after starting the vehicle the vehicle would not go into gear or shut off, and or has reduced power. The cluster may display multiple warning messages “Service Transmission, Press Brake and Push Button to Start, Stop Safely Vehicle Will Shut off Soon, Turtle Lamp On, Wrench Icon Displayed”.

The technician may find Diagnostic Trouble Codes (DTCs)

P1E18-00 Internal Control Module Electronic Park Performance,
P1626-00 Park Pawl Motor Stuck, P1625-00 Park Pawl System Failure
P0A78-00 - Drive Motor A Inverter Performance
P0A79-00 - Drive Motor B Inverter Performance
P1626-00 - Park Pawl Motor Stuck

Discussion: This condition may appear when the shift selection is being attempted, prior to the vehicles normal ready position being displayed on the cluster. Updates are available for MCP A and B for the above conditions, see available TSBs.

The below can be used as needed to get the vehicle to a driving condition, locate the PDC near the 12-volt battery, remove the two B+ feeds, fuse F58 and F71 for the Battery Pack Control Module (BPCM). Then disconnect the 12-volt battery. Reinstall the two fuses and reconnect the 12-volt battery and clear the DTCs.

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.

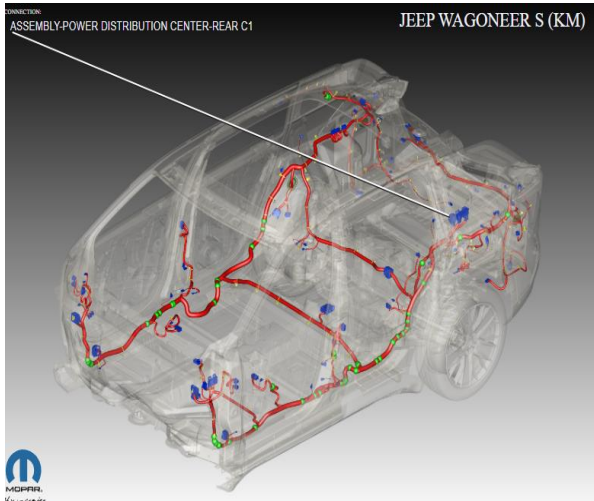
Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.



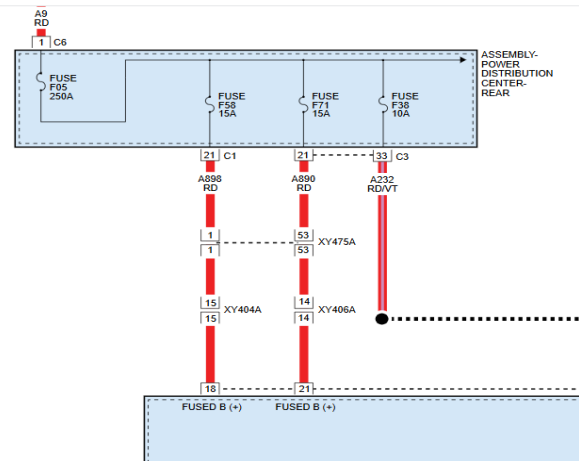
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Example: Jeep Wagoneer S Location of the PDC and 12-volt battery



BATTERY PACK CONTROL MODULE SYSTEM



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