



STAR ONLINE PUBLICATION



Case Number: S2508000036 REV. B

Release Date: February 2026

Symptom/Vehicle Issue: The Occupant Restraint Controller (ORC) Sets B2204-00 DTC In an Unknown Status (Pending), Sets B2204-00 ECU Configuration Mismatch Or/And DTC B222D-00 Active for ECU Unable to Configure/Configuration Not Learned

Models: 2025 RAM (DJ,DD,D2,DP)
2024-2025 Wagoneer S (KM)
2024-2025 Charger (LB)

Discussion: After a PROXI Alignment or Vehicle Restore Configuration and while clearing Diagnostic Trouble Codes (DTCs), you may receive a "B2204-00 ECU Configuration Mismatch" DTC in the ORC with an "Unknown" status. After re-flashing the ORC module to the latest SW available you may receive a "B222D-00 ECU Unable To Configure/Configuration Not Learned" DTC in the ORC with an "Active" status.

Repair Procedure: If any modules were replaced OR re-flashed, first ensure you ordered and received the correct part numbers for the Vehicle Identification Number (VIN). Then proceed with the procedure below.

Steps To Successfully PROXI Align The ORC:

1. Perform ORC PROXI alignment for the ORC module
2. Wait 5 seconds
3. Perform ORC ECU Diagnostic Reset (not to be confused with Vehicle Reset)
4. Wait 5 seconds
5. Perform 4 Key Ignition Cycles. (OFF 2sec to ON) x4
6. Airbag light will go off 30 seconds after 4th Key ignition Cycle

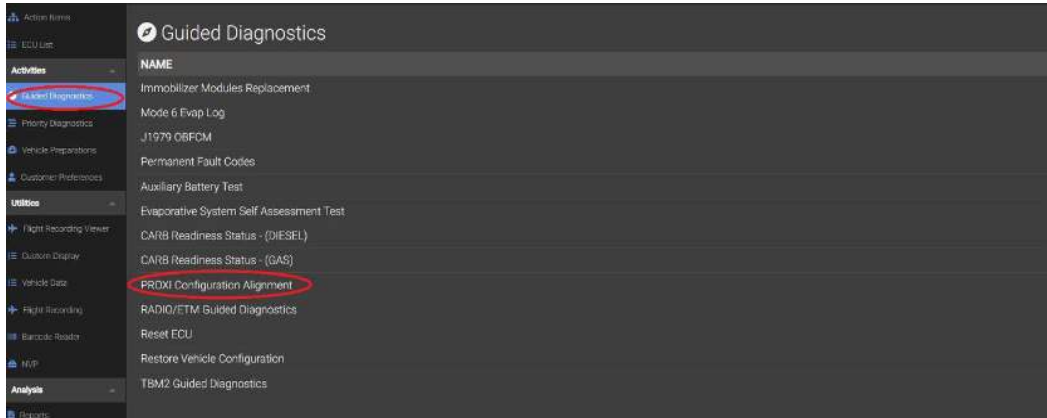
Note: These steps must be completed in the order mentioned above for a successful result see pg-1 and 2.

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.

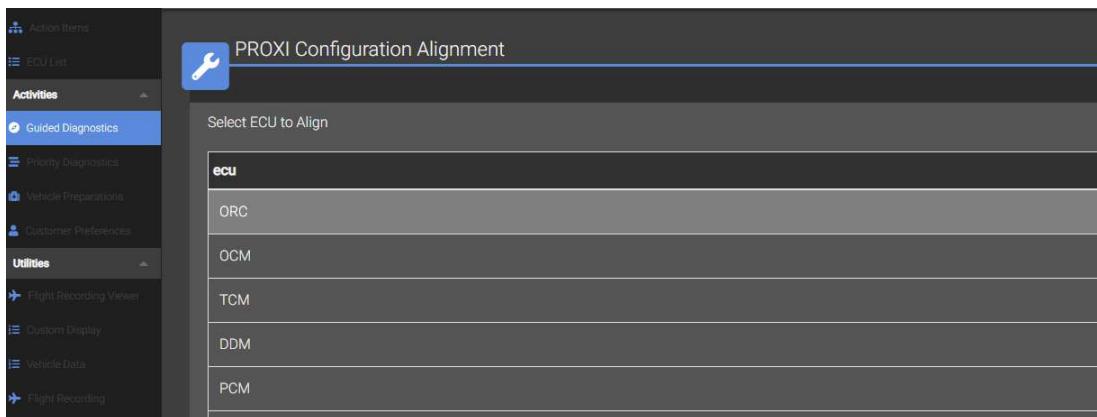
Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.



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1- In Guided Diagnostics, Perform “PROXI Configuration Alignment”



Select ORC and click Continue to perform the alignment

2. Wait 5 seconds

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2024 DODGE CHARGER 400V G2500 FR/RR ELEC DRIVE MOTORS
2C3CDBDKXRR106150 1 Alerts

Guided Diagnostics

NAME
Immobilizer Modules Replacement
PROXI Configuration Alignment
Reset ECU
Restore Vehicle Configuration

3- Select Reset ECU

2024 DODGE CHARGER 400V G2500 FR/RR ELEC DRIVE MOTORS
2C3CDBDKXRR106150 1 Alerts

Reset ECU

Select the ECU to reset from the list of the active ECUs below:

ECU
ORC
OCM
DDM
AMP
MSMD
PDM
ITM
BPCM
MCPA
BCM

Select ORC and click Continue to reset ORC successfully

4. Wait 5 seconds
5. Perform 4 Key Ignition Cycles. (OFF 2sec to ON) x4
6. Airbag light will go off 30 seconds after 4th Key Ignition Cycle

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