

Technical Service Bulletin (TSB)

Stop/Start Disabled

REFERENCE:	TSB: 08-138-23 GROUP 08 - Electrical	Date:	June 9, 2023	REVISION:	–
VEHICLES AFFECTED:	2022 - 2023 (WS) Grand Wagoneer/Wagoneer This bulletin applies to vehicles built on or after August 24, 2022 (MDH 0824XX) and built on or before March 08, 2023 (MDH 0308XX).			MARKET APPLICABILITY: ☒ NA ☐ SA ☐ EE ☐ MEA ☐ IAP ☐ CH	
CUSTOMER SYMPTOM:	Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following Diagnostic Trouble Code (DTC) have been set: - P2AF6-00 - Starter Relay 3 Stuck Off. Customers may also experience: - Start/Stop disabled.				
CAUSE:	Connector not fully seated.				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-164, date of issue June 09, 2023. All applicable RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty. This RSU will expire 18 months after the date of issue.

REPAIR SUMMARY:

This bulletin involves checking connector D3157A is properly connected to the Power Distribution Center (PDC).

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-94-TC-92	Connector, Inspect and Reconnect (2 - Skilled)	6 - Electrical and Body Systems	0.8 Hrs
Failure code	ZZ	Service Action	

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the one listed are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RSU VIN list, perform the repair. If any vehicle not on the VIN list exhibits any of the symptoms listed above in the customer symptom section, perform the Repair Procedure.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–

REPAIR PROCEDURE:

1. Remove the Power Distribution Center (PDC) in the engine compartment. Refer to the detailed procedures available in DealerCONNECT > Service Library> under: 08 - Electrical / 8W - Power Distribution / Center, Power Distribution (PDC) / Removal .
2. Locate connector D3157A ([Fig. 1](#)) .

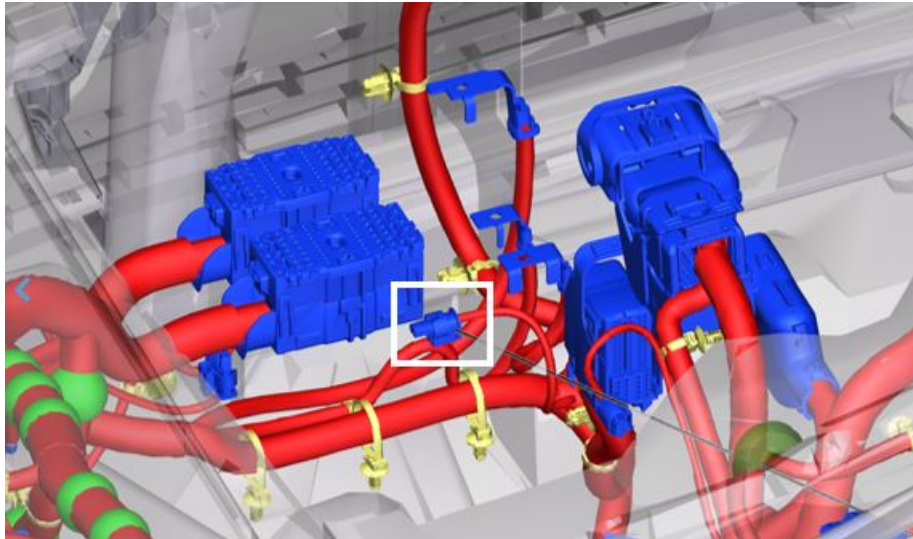


Fig. 1
Location of D3157A

3. Check if the connector D3157A is fully seated and/or connected properly to the PDC ([Fig. 2](#)) .

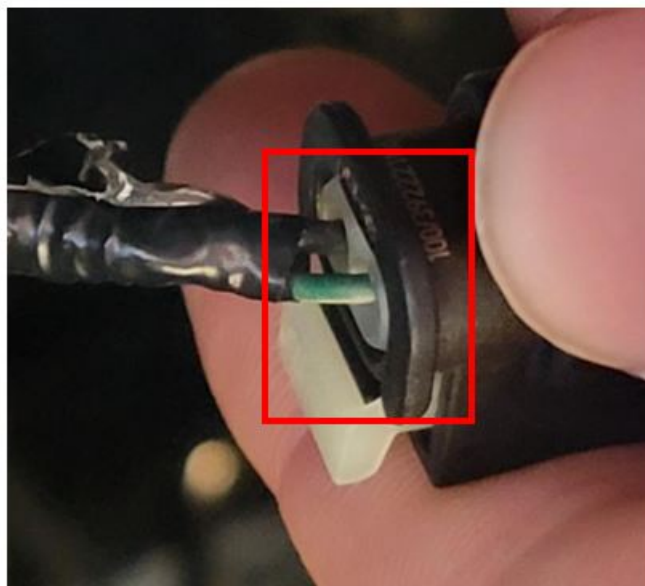


Fig. 2
Connector (D3157A) Fully Seated

4. Was connector D3157A properly connected to the PDC?
 - YES>>> Proceed to [Step 6](#).
 - NO>>> Proceed to [Step 5](#).

5. If not properly seated and/or not connected to the PDC, properly reconnect D3157a to the PDC (Fig. 3) .



Fig. 3
Connector (D3157A) Not Fully Seated

6. Install the Power Distribution Center (PDC) in the engine compartment. Refer to the detailed procedures available in DealerCONNECT > Service Library> under: 08 - Electrical / 8W - Power Distribution / Center, Power Distribution (PDC) / Installation.
7. Clear all DTCs that may have been set in any module during this repair procedure.
8. Take the vehicle for a test drive and perform five Engine Start\Stop events in a single drive cycle:
 - Verify no check engine lights or other warning lights appear.
 - Verify that DTC P2AF6 does not appear as pending.
 - Verify that the Engine Start\Stop feature works as intended.

NOTE: If DTC P2AF6 resets, normal DTC diagnostic must be performed.

POLICY:

Reimbursable within the provisions of the warranty.

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