



STAR ONLINE PUBLICATION



Case Number: S2008000103 REV. A

Release Date: August 2022

Symptom/Vehicle Issue: No Start, Stop Start Inoperative, Battery or Check Engine Light (CEL) Illuminated

Customer Complaint/Technician Observation: Owner has one or more of the above issues. Technician observed, the vehicle is setting one or multiple Diagnostic Trouble Codes (DTC's) P2AF5, P2504, P063A, P2503, P0562.

Repair Procedure: Inspect all connections at the High Current Fuse Array (HCFA) and Power Control Relay (PCR) Locations. Clean and secure all HCFA and PCR connections and test the HCFA as needed.

HCFA/PCR Locations, on the passenger side, header location Fig 1, 2, and 3.



Fig 1

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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High Current Fuse Array (HCFA)



Eyelet No.	Sales Code(s)	Function	Population
1	Standard	Aux. B+ or Crank B+	Aux. B+ on non-BSG / Crank B+ on BSG (Always)
2	EXI, EC1, EBH or ERC	Crank B+	Only connected on ESS equipped vehicles.
3	EXI, EC1, EBH or ERC	PCR Feed (Power Control Relay)	Only connected on ESS equipped vehicles.
4	EXI, EC1, EC3, EBH	Auxiliary PDC	Only connected on diesel and I4 engine equipped vehicles.
5	Standard	Rad Fan	Always connected.
6	Standard	EHPS (Electric Hydraulic Power Steering)	Always connected.
7	EXI, EC1, EBH or ERC	Alternator	Only connected on ESS equipped vehicles.
8	EC3 or ERG	PPM	Only connected on BSG equipped vehicles.



Fig 2

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Fuse Array Testing

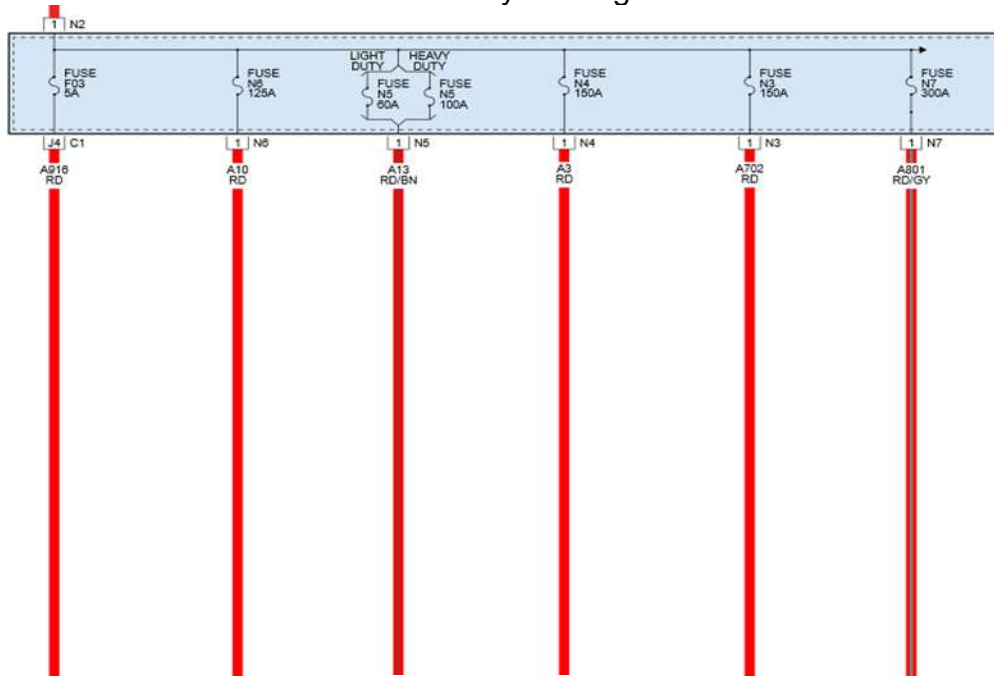


Fig 3

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