



## STAR ONLINE PUBLICATION



**Case Number:** S2508000018

**Release Date:** February 2025

**Symptom/Vehicle Issue:** No Crank No Start. B1112-72 - Run Relay Command - Actuator Stuck Open Is Active In The Body Control Module (BCM). Fuse F03 20A Open In The Front Power Distribution Center (PDC)

**Discussion:** The customer may indicate that the vehicle exhibits a no crank no start condition. B1112-72 - Run Relay Command - Actuator Stuck Open may be Active in the BCM. This concern may be caused by an open fuse F03 20A in the Front PDC which may occur when first starting a vehicle in colder weather conditions. Fuse F03 provides power to the starter relay.

Engineering has determined, replacing the 20 amp fuse with a 25 amp fuse will improve the circuit performance to support these conditions.

**Diagnosis:** To confirm the root cause of the no crank no start. Verify B1112-72 is set Active in the BCM and fuse F03 20A is open/blown in the Front PDC.

**Repair:** The Front PDC is located just forward of the driver's side front strut tower. Locate it and unlock the cover by rotating the ¼ turn screw, pull the cover up. Locate fuse F03 and replace the currently installed and open/blown 20 amp fuse with one rated at 25 amps. Reinstall the cover and confirm the vehicle cranks and starts.

Review Images Below

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 or eCONTACT ticket if no solution is found**



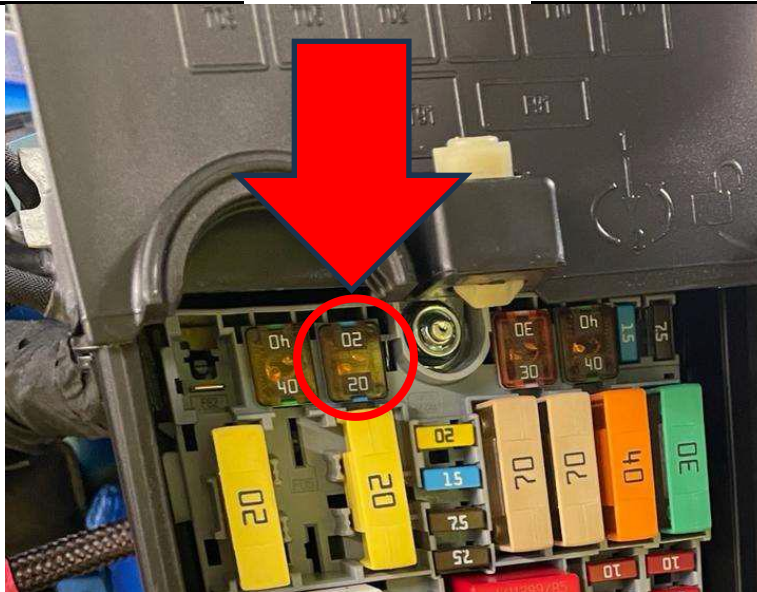
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**Front Power Distribution Center**



**1/4 Turn Screw To Unlock Cover**



**Fuse F03 20A. Replace with 25A Fuse**

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