

FIAT P1DB2: ACTUATOR SUPPLY VOLTAGE A CIRCUIT

OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$150-\$350
Can I Still Drive?	:	Yes

What Does The FIAT P1DB2 Code Mean?

The voltage supply circuit(s) for the solenoids and pressure regulators are monitored for open circuits, shorts to ground, and shorts to voltage.

If a failure is detected, the Transmission Control Module (TCM) will deactivate the affected power supply circuit and set a corresponding Diagnostic Trouble Code (DTC) relevant to the fault that was detected.

What Are The Potential Causes Of The FIAT P1DB2 Code?

- SOLENOID 1 SUPPLY CIRCUIT OPEN
- SOLENOID 1 SUPPLY CIRCUIT SHORTED TO GROUND
- SOLENOID 2 SUPPLY CIRCUIT OPEN
- SOLENOID 2 SUPPLY CIRCUIT SHORTED TO GROUND
- DOG CLUTCH A SOLENOID OR RELATED CONTROL CIRCUIT
- DOG CLUTCH F SOLENOID OR RELATED CONTROL CIRCUIT
- PRESSURE CONTROL SOLENOID LINE PRESSURE OR RELATED CONTROL CIRCUIT
- PRESSURE CONTROL SOLENOID TORQUE CONVERTER OR RELATED CONTROL CIRCUIT
- LIMP HOME MODE (Park by cable) or HYDRAULIC PARK LOCK SOLENOID (Park by wire) OR RELATED CONTROL CIRCUIT
- HOLDING MAGNET PARK LOCK SOLENOID (Park by wire) OR RELATED CONTROL CIRCUIT
- PRESSURE CONTROL SOLENOID B OR RELATED CONTROL CIRCUIT

- PRESSURE CONTROL SOLENOID C OR RELATED CONTROL CIRCUIT
- PRESSURE CONTROL SOLENOID D OR RELATED CONTROL CIRCUIT
- PRESSURE CONTROL SOLENOID E OR RELATED CONTROL CIRCUIT
- TRANSMISSION CONTROL MODULE (TCM)

Reference Sources

[FIAT P1DB2](#), DTCDECODE.