DODGE P162C: SUPERCHARGER BYPASS VALVE CONTROL CIRCUIT

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	**$300-$400**
Can I Still Drive?	:	**Yes**

What Does The Dodge P162C Code Mean?

The Supercharger boost pressure is managed by the use of a Supercharger Bypass (SCB) Valve. The PCM can vary the position of the SCB Valve to control the amount of boost. The SCB system uses two Position Sensors to monitor the SCB blade position. Position Sensors are located within the SCB Valve assembly.

Each sensor has its own Signal circuit. Both sensors share a 5-Volt reference circuit (Supply) and a low reference circuit (Sensor Return). The Powertrain Control Module (PCM) monitors the SCB Valve Sensor data. Each Signal circuit provides the PCM with a signal voltage proportional to SCB blade movement. The PCM monitors the data to verify that the indicated SCB position is correct.

What Are The Potential Causes Of The Dodge P162C Code?

- LOW BATTERY VOLTAGE
- SCB VALVE CONTROL (+) CIRCUIT SHORTED TO 5.0 VOLTS
- SCB VALVE CONTROL (-) CIRCUIT SHORTED TO 5.0 VOLTS
- SCB VALVE CONTROL (+) CIRCUIT SHORTED TO GROUND
- SCB VALVE CONTROL (-) CIRCUIT SHORTED TO GROUND
- SCB VALVE CONTROL (+) CIRCUIT SHORTED TO THE SCB VALVE CONTROL (-) CIRCUIT
- SUPERCHARGER BYPASS VALVE
- POWERTRAIN CONTROL MODULE (PCM)

Reference Sources

Dodge P162C, DTCDECODE.