

## DODGE P162B: SUPERCHARGER BYPASS VALVE ACTUATOR CONTROL SYSTEM - TEMPORARY PWM/RPM MAX EXCEEDED

### OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$300-\$400
Can I Still Drive?	:	<b>Yes</b> (Short-term only)

### What Does The Dodge P162B 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 P162B Code?

- Intermittent loss of connection at the supercharger bypass valve harness connector
- Coking or debris blocking the supercharger bypass valve plate
- Supercharger bypass valve plate binding inside the bore
- Supercharger bypass valve
- Powertrain control module (PCM)

## Reference Sources

[Dodge P162B](#), DTCDECODE.