

## DODGE B1D97: STEERING COLUMN TILT MOTOR CONTROL CIRCUIT PERFORMANCE

### OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	<b>\$100-\$900</b>
Can I Still Drive?	:	<b>Yes</b>

### What Does The Dodge B1D97 Code Mean?

The Memory System is made up of a Memory Seat Module-Driver (MSMD), Memory Switch, Driver Seat Switch, and multiple Seat Motors. If equipped the Memory System can also contain an Adjustable Pedal Motor, Adjustable Pedal Switch, Steering Tilt/Telescope Switch, Steering Telescope Motor and Steering Tilt Motor. The motors each contain a hall-effect position sensor. The hall-effect position sensor provides feedback to the MSMD in relation to the motors position.

### What Are The Potential Causes Of The Dodge B1D97 Code?

- TILT STEERING UP/DOWN POSITION SENSE CIRCUIT OPEN OR HIGH RESISTANCE
- SENSOR GROUND CIRCUIT OPEN OR HIGH RESISTANCE
- TILT STEERING MOTOR UP/DOWN DRIVER CIRCUIT SHORTED TO VOLTAGE
- TILT STEERING MOTOR UP/DOWN DRIVER CIRCUIT SHORTED TO GROUND
- TILT STEERING MOTOR UP/DOWN DRIVER CIRCUIT OPEN OR HIGH RESISTANCE
- STEERING MOTOR COMMON CIRCUIT SHORTED TO VOLTAGE
- STEERING MOTOR COMMON CIRCUIT SHORTED TO GROUND
- STEERING MOTOR COMMON CIRCUIT OPEN OR HIGH RESISTANCE
- STEERING COLUMN TILT MOTOR
- MEMORY SEAT MODULE-DRIVER (MSMD)

## Reference Sources

[Dodge B1D97](#), DTCDECODE.