

## FORD P1812: 4X4 MODE SELECT CIRCUIT FAILURE

### OVERVIEW

Severity	:	<div><div>High</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$80-\$350
Can I Still Drive?	:	Yes (Short-term only)

### What Does The Ford P1812 Code Mean?

Open circuit or short to battery sensed by 4×4 control module or correct mode not selected for self-test.

**Note:** The Mode Select Switch (MSS) communicates the operator's choice to the 4X4 control module. The 4X4 control module then controls the transfer case clutch and transfer case shift motor as necessary. If the vehicle is not responding to the operator's intentions, systematically check the necessary inputs and outputs of the 4X4 control module, components of the transfer case and half shafts. Check all circuits for opens and shorts to power or ground.

### What Are The Potential Causes Of The Ford P1812 Code?

- Open 4-Wheel Drive Mode Switch
- Suspect 4-Wheel Drive Mode Switch
- Suspect Generic Electronic Module

### Reference Sources

[Ford P1812](#), DTCDECODE.