

FORD P1815: 4X4 MODE SELECT SHORT CIRCUIT TO GROUND

OVERVIEW

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

What Does The Ford P1815 Code Mean?

Short to ground sensed by 4X4 control module. 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 halfshafts. Check all circuits for opens and shorts to power or ground.

Reference Sources

- [Pinpoint Test A for P1812](#) - 1997 F150 & F250
- [Technical Service Bulletins SSM 50322](#) - 2012-2022 F-Super Duty 4x4