

- Damaged VSS

Diagnostic Aids: Check the wiring, connector, and sensor for damage.

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
F-650/F-750, F-Series Super Duty, Fiesta, Fusion, Motorhome/Stripped Chassis/Step Van	GO to Pinpoint Test DF .		
Manual Transmission	GO to Pinpoint Test DP .		
All others	The PCM uses information from the ABS control module and the TCM to calculate vehicle speed. Check these modules for DTCs.		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P1501 - VEHICLE SPEED SENSOR (VSS) OUT OF SELF-TEST RANGE - DTC CHART

P1501 - VEHICLE SPEED SENSOR (VSS) OUT OF SELF-TEST RANGE - DTC CHART

Description: This DTC sets when the VSS input signal is out of self-test range. If the PCM detects a VSS input signal any time during the self-test, this DTC sets and the test aborts.

Possible Causes:

- Electrical noise on the VSS input signal from radio frequency interference or electro magnetic interference
- External sources, such as ignition wires, the charging circuit or aftermarket equipment

Diagnostic Aids: Verify the VSS input is 0 km/h (0 mph) when the vehicle transmission is in PARK.

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All others	The PCM uses information from the ABS control module and the TCM to calculate vehicle speed. Check these modules for DTCs.		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P1502 -