

VEHICLE SPEED SENSOR (VSS) INTERMITTENT - DTC CHART

P1502 - VEHICLE SPEED SENSOR (VSS) INTERMITTENT - DTC CHART

Description: This DTC sets when there is a concern with the vehicle speed data. Vehicle speed data is received from either the VSS or anti-lock brake system (ABS) control module. This DTC sets the same way as P0500. However, it is intended to flash the transmission control indicator lamp (TCIL) for first time VSS circuit error.

Possible Causes:

- Noisy VSS input signal from the radio frequency interference/electromagnetic interference (RFI/EMI) external sources, such as ignition wires, the charging circuit or after market equipment

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

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 module and the TCM to calculate vehicle speed. Check these modules for DTCs.		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P1548 - ENGINE AIR FILTER RESTRICTION - DTC CHART

P1548 - ENGINE AIR FILTER RESTRICTION - DTC CHART

Description: This DTC sets when the airflow is out of range at various engine speeds and during wide open throttle (WOT) operation when compared to the calibrated value.

Possible Causes:

- Intake air restriction
- Clogged air filter

Diagnostic Aids: If this DTC sets, inspect the intake air system and replace the air filter if no restrictions are found. Refer to the service information , Intake Air Distribution and Filtering for air filter replacement.

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	Refer to the Description, Possible Causes and Diagnostic Aids for the DTC.		