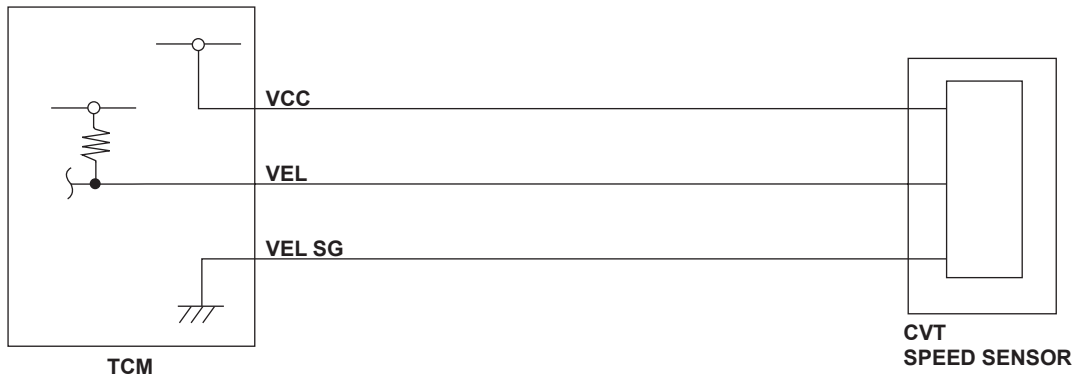


Advanced Diagnostics

DTC P1888: Problem in CVT Speed Sensor Circuit



P1888-0101

General Description

The CVT speed sensor detects the number of revolutions of the secondary gear and sends a pulsing signal to the transmission control module (TCM). The TCM converts the pulsing signal into CVT speed.

If the vehicle speed measured by the CVT speed sensor is lower than the value that is estimated based on the vehicle speed measured by the vehicle speed sensor (VSS), a malfunction in the CVT speed sensor is detected and a DTC is stored.

Monitor Execution, Sequence, Duration, DTC Type

Execution	Under the Enable Conditions
Sequence	None
Duration	10 seconds
DTC Type	One drive cycle, MIL ON, D indicator blinks

Enable Conditions

Condition	Minimum	Maximum
Vehicle speed	8 mph (13 km/h)	—

Malfunction Threshold

The vehicle speed measured by the VSS > the vehicle speed measured by the CVT speed sensor by a factor of 1.8 for at least 10 seconds.

Driving Pattern

Start the engine. Drive the vehicle at a speed of 8 mph (13 km/h) or more for at least 10 seconds.

- If you have difficulty duplicating the DTC, retest after turning off electrical components such as the audio system and the A/C.
- Drive the vehicle in this manner only if the traffic regulations and ambient conditions allow.

Diagnosis Details

Conditions for illuminating the MIL

When a malfunction is detected, the MIL comes on and the DTC and the freeze frame data are stored.

Conditions for clearing the MIL

The MIL, the DTC, and the freeze frame data can be cleared by using the scan tool Clear command or by disconnecting the battery.