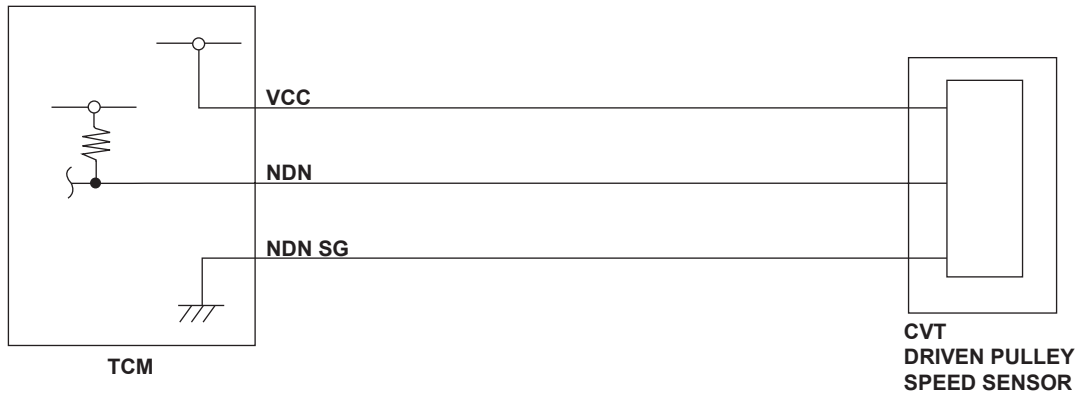
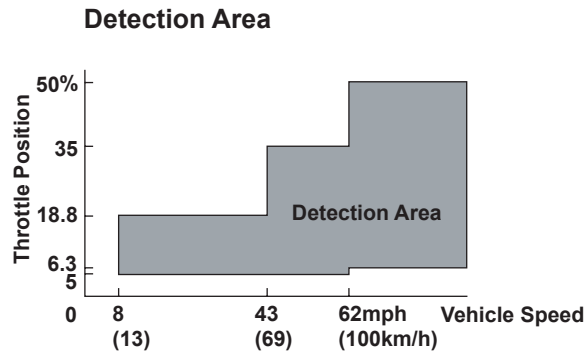


# Advanced Diagnostics

## DTC P1886: Problem in CVT Driven Pulley Speed Sensor Circuit



P1886-0101



P1886-9875

### General Description

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

Pattern 1

If no signals from the CVT driven pulley speed sensor are detected at a set engine speed or more in D, L, or R position, a malfunction in the CVT driven pulley speed sensor is detected and a DTC is stored.

Pattern 2

If no signals from the CVT driven pulley speed sensor are detected when driving the vehicle at a steady speed (a set value) within a set engine speed range in D or L position (with the start clutch engaged), a malfunction in the driven pulley speed sensor is detected, and a DTC is stored.

### Monitor Execution, Sequence, Duration, DTC Type

Execution	Under the Enable Conditions
Sequence	None
Duration	15 seconds
DTC Type	One drive cycle, MIL ON, D indicator blinks

## Enable Conditions

### Pattern 1

Condition	Minimum	Maximum
Engine speed	600 rpm	—
Shift lever position	D, L, or R	
Other	The engine speed is equal to the drive pulley speed	

### Pattern 2

Condition	Minimum	Maximum
Engine speed	600 rpm	6,800 rpm
Shift lever position	D or L	
Others	The vehicle speed measured by the CVT speed sensor is equal to the vehicle speed	
	Both the vehicle speed measured by the CVT speed sensor and the vehicle speed are 8 mph (13 km/h) or more	
	The vehicle speed and the throttle position are in the Detection Area shown in the graph	

## Malfunction Threshold

No signals from the driven pulley speed sensor are detected for at least 15 seconds during Pattern 1 or Pattern 2.

## Driving Pattern

### Pattern 1

Start the engine. Hold the engine at 600 rpm or more in D position for at least 15 seconds.

### Pattern 2

Start the engine. Drive the vehicle on a flat road at a steady speed between 43 - 62 mph (69 - 100 km/h) in D position for at least 15 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.