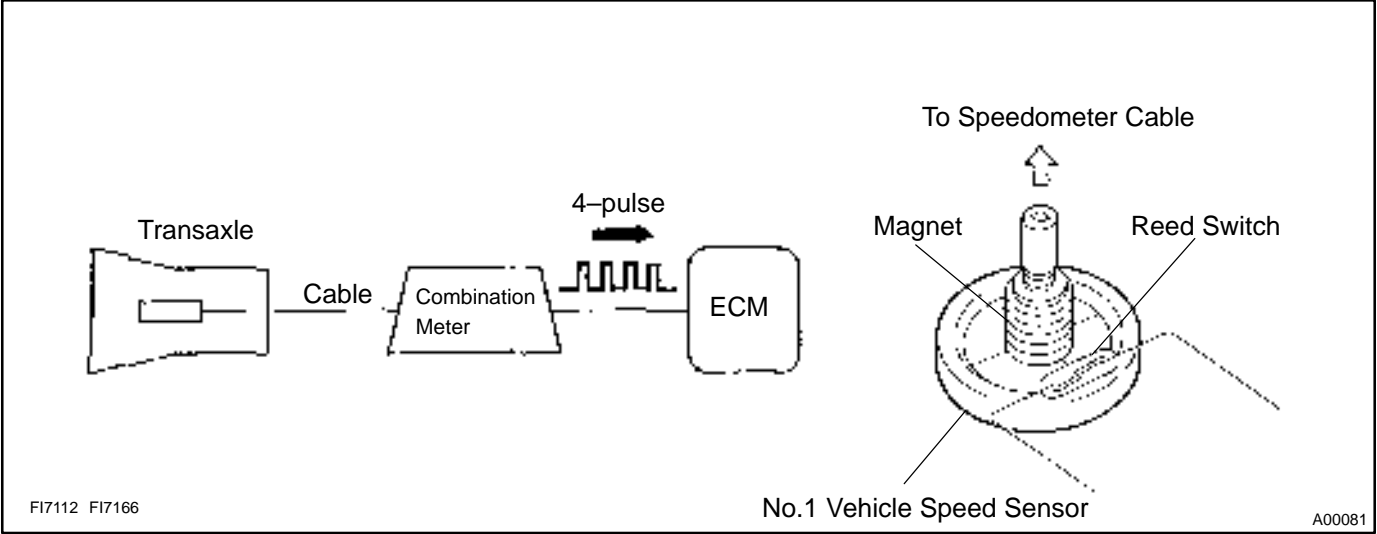


DTC	P0500	Vehicle Speed Sensor Malfunction
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CIRCUIT DESCRIPTION

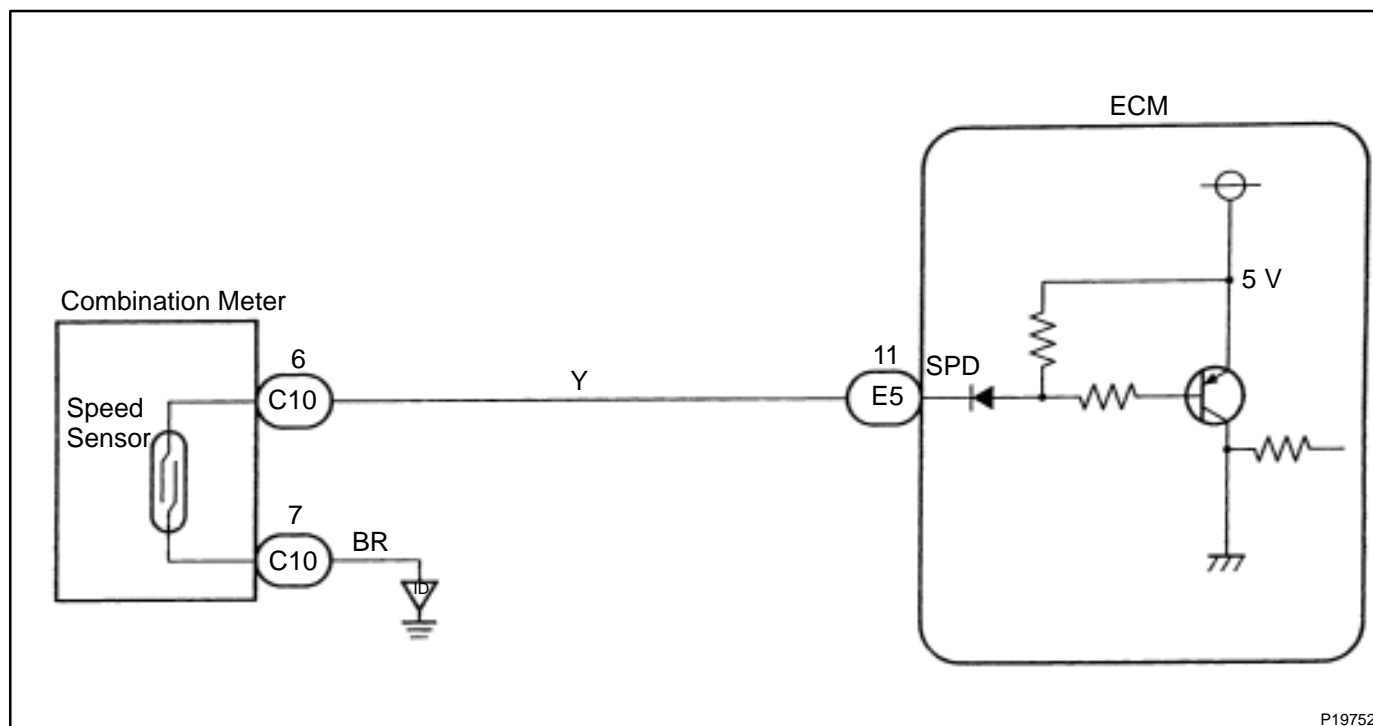
This sensor is mounted in the combination meter. It contains a magnet witch is rotated by the speedometer cable.

Turning the reed switch ON and OFF 4 times for every revolution of the speedometer. It is then transmitted to the ECM. The ECM determines the vehicle speed based on the frequency of these pulse signals.



DTC No.	DTC Detecting Condition	Trouble Area
P0500	No vehicle speed sensor signal to ECM when vehicle is being driven (2 trip detection logic)	<ul style="list-style-type: none">• Open or short in No.1 vehicle speed sensor circuit• Vehicle speed sensor• Speedometer cable• ECM

WIRING DIAGRAM



P19752

INSPECTION PROCEDURE

1	Check operation of speedometer.
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CHECK:

Drive the vehicle and check if the operation of the speedometer in the combination meter is normal.

HINT:

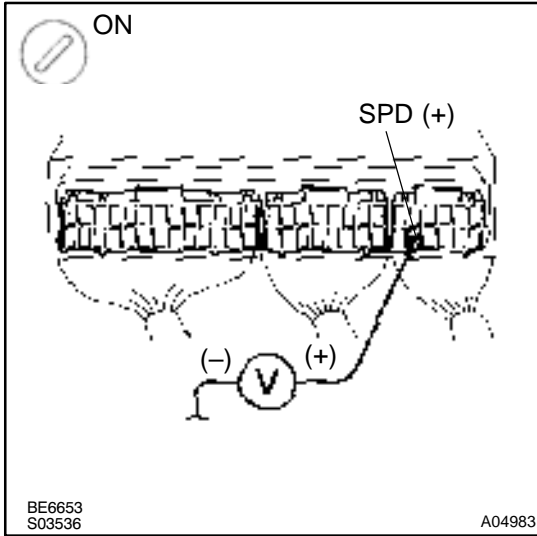
The vehicle speed sensor is operating normally if the speedometer display is normal.

NG

Check speedometer circuit. See combination meter troubleshooting.

OK

2

Check voltage between terminal SPD of ECM connector and body ground.**PREPARATION:**

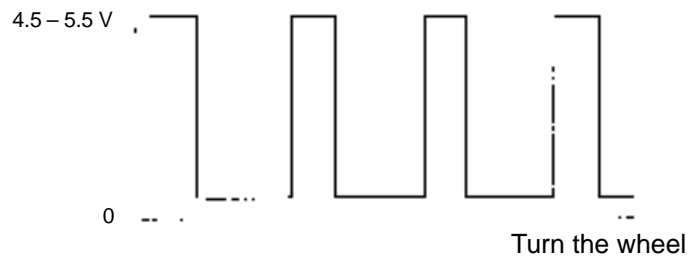
- Remove the lower finish panel.
- Shift the shift lever to neutral.
- Jack up one of the front wheels.
- Turn ignition switch ON.

CHECK:

Measure voltage between terminal SPD of ECM connector and body ground when the wheel is turned slowly.

OK:

Voltage is generated intermittently.



AT7809

NG

Check and repair harness and connector between combination meter and ECM.

OK

Check and replace ECM (See page [IN-27](#)).