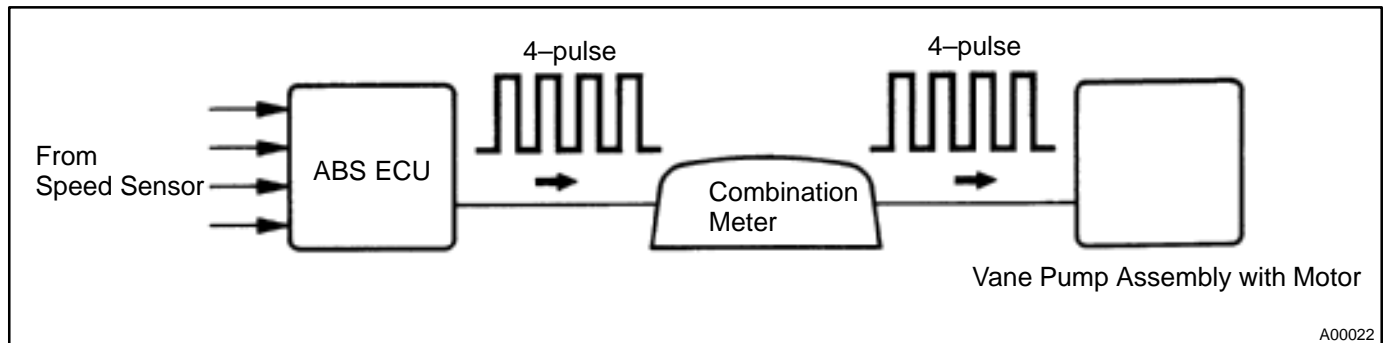


DTC	C1572/72	Speed Sensor Signal Malfunction
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CIRCUIT DESCRIPTION

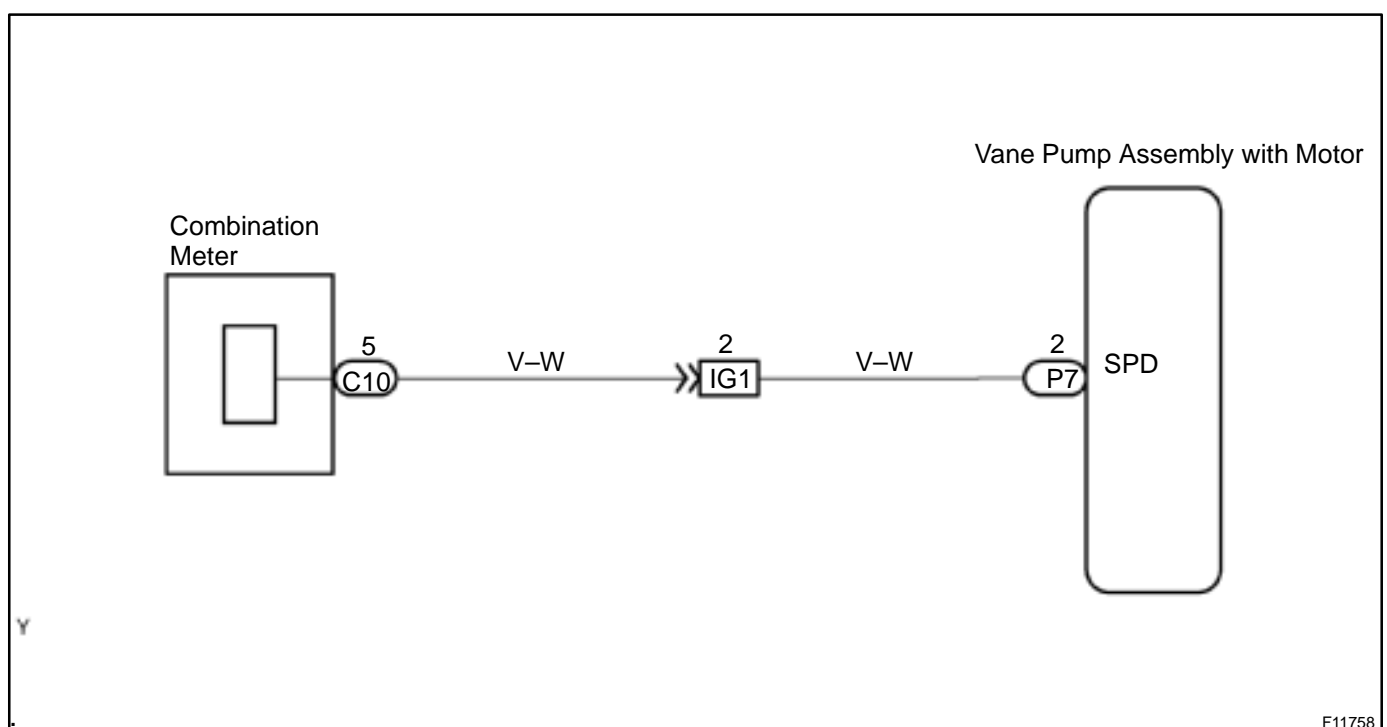
The speed sensor for ABS detects the wheel speed and sends the appropriate signals to the ABS ECU. The ECU converts these signals into a 4-pulse signal and outputs it to the combination meter. After this signal is converted into a more precise rectangular waveform by the waveform shaping circuit inside the combination meter, it is then transmitted to the vane pump assembly with motor. The vane pump assembly with motor determines the vehicle speed based on the frequency of these pulse signals.



A00022

DTC No.	DTC Detection Condition	Trouble Area
C1572/72	Vehicle speed 12 mph (20 km/h) or higher signal is not input (Test mode)	<ul style="list-style-type: none"> • Right front, left front, right rear, left rear or speed sensor • Sensor installation • Right front, left front, right rear, left rear or speed sensor rotor • Right front, left front, right rear, left rear or speed sensor circuit • ABS ECU • Combination meter • Vane pump assembly with motor

WIRING DIAGRAM



F11758

INSPECTION PROCEDURE

1 Check operation of speedometer.

CHECK:

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

HINT:

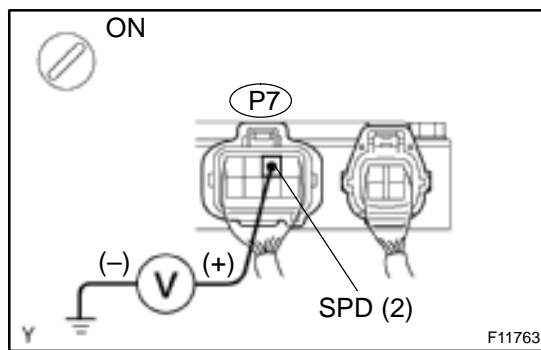
The vehicle speed sensor is operating normally if the speedometer display is normal.

NG

Check speedometer circuit.

OK

2 Check voltage between terminal SPD (P7-2) of vane pump assembly with motor connector and body ground.

**PREPARATION:**

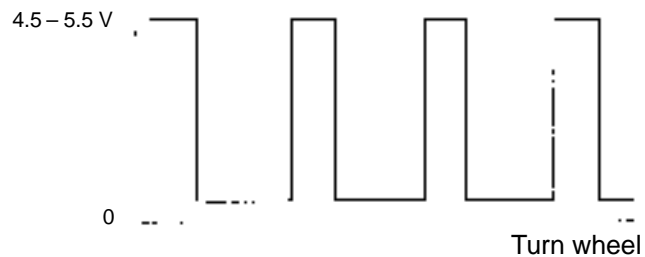
Turn the ignition switch ON.

CHECK:

Measure the voltage between terminal SPD (P7-2) of the vane pump assembly with motor connector and body ground.

OK:

Voltage is generated intermittently



AT7809

NG

Check and replace for open circuit in harness and connector between combination meter and vane pump assembly with motor.

OK

Check and replace vane pump assembly with motor.