

# PRODEMAND

YMMS: 2010 Nissan Maxima SV  
 Engine: 3.5L Eng  
 VIN:

Sep 17, 2021  
 License:  
 Odometer:

## DTC P1722: VEHICLE SPEED

### Description

The vehicle speed signal is transmitted from ABS actuator and electric unit (control unit) to TCM via CAN communication line.

### DTC Logic

### DTC DETECTION LOGIC

### DTC DETECTION LOGIC CHART

DTC	Trouble diagnosis name	DTC is detected if...	Possible cause
P1722	Vehicle Speed Signal Circuit	<ul style="list-style-type: none"> <li>CAN communication with the ABS actuator and the electric unit (control unit) is malfunctioning.</li> <li>There is a big difference between the vehicle speed signal from the ABS actuator and the electric unit (control unit), and the vehicle speed sensor signal.</li> </ul>	<ul style="list-style-type: none"> <li>Harness or connectors (Sensor circuit is open or shorted.)</li> <li>ABS actuator and electric unit (control unit)</li> </ul>

### DTC CONFIRMATION PROCEDURE

**CAUTION:** Always drive vehicle at a safe speed.

**NOTE:** Immediately after performing any "DTC CONFIRMATION PROCEDURE", always turn ignition switch OFF. Then wait at least 10 seconds before performing the next test.

#### 1. CHECK DTC DETECTION With CONSULT-III

1. Turn ignition switch ON.
2. Select "Data Monitor" in "TRANSMISSION".

3. Start engine and maintain the following conditions for at least 5 consecutive seconds.

ACC PEDAL OPEN : 1.0/8 or less

VEHICLE SPEED : 30 km/h (19 MPH) or more

**Is "P1722" detected?**

YES: Go to "DIAGNOSIS PROCEDURE".

NO: Check intermittent incident. Refer to INTERMITTENT INCIDENT .

### Diagnosis Procedure

1. CHECK DTC WITH ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)

With CONSULT-III

Perform "Self Diagnostic Results" in "ABS".

**Is the inspection result normal?**

YES: GO TO 2.

NO: Check DTC detected item. Refer to DTC NO. INDEX (VDC/TCS/ABS).

2. CHECK DTC WITH TCM

With CONSULT-III

Perform "Self Diagnostic Results" in "TRANSMISSION".

**Is "P1722" detected?**

YES: Replace TCM. Refer to "EXPLODED VIEW".

NO: GO TO 3.

3. DETECT MALFUNCTIONING ITEMS

Check TCM connector pin terminals for damage or loose connection with harness connector.

**Is the inspection result normal?**

YES: Replace TCM. Refer to "EXPLODED VIEW".

NO: Repair or replace damaged parts.