

Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2012 NISSAN NV200 OEM Service and Repair Workshop Manual

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1. CHECK ACCELERATOR PEDAL POSITION SENSOR CIRCUIT

Check accelerator pedal position sensor circuit. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

INSPECTION END

NO>>

Repair or replace error-detected parts.

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detecting condition	
P2127	00	Accelerator pedal position sensor E	Diagnosis condition	Power switch ON
			Signal	—
			Threshold	The output voltage value of accelerator pedal position sensor 2 is smaller than the normal operating range
			Detection time	More than 1 second

POSSIBLE CAUSE

- Accelerator pedal position sensor
- Accelerator pedal

FAIL-SAFE

Not applicable

1. INSPECTION START



NOTE:

If this DTC is displayed, perform the trouble diagnosis for DTC P2126-00.

>>

Refer to [DTC Diagnosis Procedure](#).

Sample

1. INSPECTION START



NOTE:

If this DTC is displayed, perform the trouble diagnosis for DTC P2126-00.

>>

Refer to [DTC Description](#).

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detecting condition	
P2128	00	Accelerator pedal position sensor E	Diagnosis condition	Power switch ON
			Signal	—
			Threshold	The output voltage value of accelerator pedal position sensor 2 is larger than the normal operating range
			Detection time	More than 1 second

POSSIBLE CAUSE

- Accelerator pedal position sensor
- Accelerator pedal

FAIL-SAFE

Not applicable

1. INSPECTION START



NOTE:

If this DTC is displayed, perform the trouble diagnosis for DTC P2126-00.

>>

Refer to [DTC Diagnosis Procedure](#).

Sample

1. INSPECTION START



NOTE:

If this DTC is displayed, perform the trouble diagnosis for DTC P2126-00.

>>

Refer to [DTC Description](#).

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detecting condition	
P0D0A	11	Battery charge system positive contactor A	Diagnosis condition	Power switch ON
			Signal	Quick charge relay 1 drive signal
			Threshold	A short to ground in quick charge relay 1 drive circuit is detected
			Detection time	More than 4 seconds

POSSIBLE CAUSE

- Harness and connector (Quick charge relay 1 drive circuit is shorted to ground)
- Quick charge relay 1

FAIL-SAFE

Normal charge is prohibited

1. PRECONDITIONING

1. Press the power switch for at least 2 seconds to turn the high voltage system OFF and then check that the charging status indicator is not illuminated.

**NOTE:**

When the high voltage system is turned ON, the charging status indicator blinks green with a frequency of 1 second.

2. After the high voltage system is turned OFF, open the driver's side door, get out of the vehicle, close the driver's side door and wait for at least 5 minutes.

CAUTION:

- **Since the auto ACC function causes the accessory power to be turned ON, do not perform any vehicle operation including locking the doors or opening and closing of the doors during the standby state.**

If an operation is performed, wait an additional 5 minutes from that time.

- **Check that 12V battery voltage is 11 V or more.**

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2. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Power switch ON and wait at least 10 seconds.
2. Check self-diagnostic result in “EV/HEV”.

Is DTC detected?

YES>>

Refer to [DTC Diagnosis Procedure](#).

NO-1>>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2>>

Confirmation after repair: INSPECTION END