

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.

2011 NISSAN Teana OEM Service and Repair Workshop Manual

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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.
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

1. ACTIVATE AUTO P FUNCTION

 With CONSULT

1. Power switch ON.
2. Select "CANCEL AUTOMATIC PARK FUNCTION" in "Work Support" of "EV/HEV".
3. Change the status of "CANCEL AUTOMATIC PARK FUNCTION" from "On" to "Off", and then touch "End".

>>

END

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detecting condition	
P2EBF	73	Immediate charging switch	Diagnosis condition	Always
			Signal	Immediate charging switch signal
			Threshold	Immediate charging switch continues to be in an ON state
			Detection time	More than 60 seconds

POSSIBLE CAUSE

- Harness and connector (Immediate charging switch circuit is shorted to ground)
- Immediate charging switch

FAIL-SAFE

Not applicable

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2. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Power switch ON and wait at least 1 minute.
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

1. CHECK IMMEDIATE CHARGING SWITCH CIRCUIT

Check immediate charging switch 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	
U2212	87	CAN communication error brake unit	Diagnosis condition	Power switch ON
			Signal	<ul style="list-style-type: none">CAN communication signalDrivetrain CAN communication 1 circuit signal
			Threshold	Communication error
			Detection time	30 seconds

POSSIBLE CAUSE

- CAN communication circuit
- Drivetrain CAN communication 1 circuit

FAIL-SAFE

Not applicable

1. PRECONDITIONING

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CAUTION:

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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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[GO TO 2](#) .

2. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Power switch ON and wait at least 1 minute.
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

1. CHECK CAN COMMUNICATION CIRCUIT

Perform trouble diagnosis for CAN communication circuit. Refer to [Trouble Diagnosis Flow Chart](#).

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	
U2379	82	CAN comm error (LBC2/VMR)	Diagnosis condition	Power switch ON
			Signal	<ul style="list-style-type: none"> CAN communication signal EV system CAN 1 circuit signal
			Threshold	CAN signal is stuck
			Detection time	2 seconds

POSSIBLE CAUSE

- CAN communication circuit
- Drivetrain CAN communication 2 circuit

FAIL-SAFE

Not applicable