

# 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.

## 2013 NISSAN Tiida/Versa Sedan OEM Service and Repair Workshop Manual

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## DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
POAED	11	Drive Motor Inverter Temperature Sensor A	Diagnosis condition	READY state
			Signal	—
			Threshold	Any of the following was detected. <ul style="list-style-type: none"> <li>The excitation print circuit board temperature sensor value deviated from the prescribed value.</li> <li>The driver print circuit board temperature sensor value deviated from the prescribed value.</li> </ul>
			Diagnosis delay time	Within 1 second

## POSSIBLE CAUSE

Excitation print circuit board temperature sensor circuit or driver print circuit board temperature sensor circuit in the inverter (front)

## FAIL-SAFE

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## 1. PREPARATION BEFORE OPERATION

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If another "Confirmation Procedure" was performed immediately before this task, always power switch OFF exit the vehicle and close all doors (including the back door), and wait for at least 60 seconds until the combination meter turns off before starting the next test.

**CAUTION:**

**While waiting, never operate the vehicle such as locking, opening, and closing doors. Violation of this caution results in the activation of ACC power supply according to the auto ACC function.**

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## 2. PERFORM THE DTC CONFIRMATION PROCEDURE

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 With CONSULT

1. Set the vehicle to READY and wait for at least 10 seconds.
2. Check the DTC.

Is "P0AED-11 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. REPLACEMENT OF THE INVERTER (FRONT)

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Replace the inverter (front). Refer to [INVERTER \(FRONT\) : Removal & Installation](#).

>>

END

Sample

## DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
POAED	13	Drive Motor Inverter Temperature Sensor A	Diagnosis condition	READY state
			Signal	—
			Threshold	Any of the following was detected. <ul style="list-style-type: none"> <li>The excitation print circuit board temperature sensor value deviated from the prescribed value.</li> <li>The driver print circuit board temperature sensor value deviated from the prescribed value.</li> </ul>
			Diagnosis delay time	Within 1 second

## POSSIBLE CAUSE

Excitation print circuit board temperature sensor circuit or driver print circuit board temperature sensor circuit in the inverter (front)

## FAIL-SAFE

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## 1. PREPARATION BEFORE OPERATION

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If another "Confirmation Procedure" was performed immediately before this task, always power switch OFF exit the vehicle and close all doors (including the back door), and wait for at least 60 seconds until the combination meter turns off before starting the next test.

**CAUTION:**

**While waiting, never operate the vehicle such as locking, opening, and closing doors. Violation of this caution results in the activation of ACC power supply according to the auto ACC function.**

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[GO TO 2.](#)

## 2. PERFORM THE DTC CONFIRMATION PROCEDURE

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 With CONSULT

1. Set the vehicle to READY and wait for at least 10 seconds.
2. Check the DTC.

Is "P0AED-13 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. REPLACEMENT OF THE INVERTER (FRONT)

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Replace the inverter (front). Refer to [INVERTER \(FRONT\) : Removal & Installation](#).

>>

END

Sample

**DTC DETECTION LOGIC**

DTC		CONSULT screen terms	DTC detection condition	
P0AED	1C	Drive Motor Inverter Temperature Sensor A	Diagnosis condition	READY state
			Signal	—
			Threshold	The power module temperature sensor value deviated from the prescribed value.
			Diagnosis delay time	Within 1 second

**POSSIBLE CAUSE**

Power module temperature sensor circuit in the inverter (front)

**FAIL-SAFE**

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Sample



## 1. PREPARATION BEFORE OPERATION

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If another "Confirmation Procedure" was performed immediately before this task, always power switch OFF exit the vehicle and close all doors (including the back door), and wait for at least 60 seconds until the combination meter turns off before starting the next test.

**CAUTION:**

**While waiting, never operate the vehicle such as locking, opening, and closing doors. Violation of this caution results in the activation of ACC power supply according to the auto ACC function.**

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[GO TO 2.](#)

## 2. PERFORM THE DTC CONFIRMATION PROCEDURE

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 With CONSULT

1. Set the vehicle to READY and wait for at least 10 seconds.
2. Check the DTC.

Is "P0AED-1C 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. REPLACEMENT OF THE INVERTER (FRONT)

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Replace the inverter (front). Refer to [INVERTER \(FRONT\) : Removal & Installation](#).

>>

END

Sample