

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.

2008 NISSAN Altima Coupe OEM Service and Repair Workshop Manual

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1. CHECK BATTERY PACK WATER TEMPERATURE SENSOR

Check battery water temperature sensor. Refer to [Component Inspection](#).

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Replace battery pack water temperature sensor. Refer to [Disassembly & Assembly](#).

2. CHECK BATTERY PACK WATER TEMPERATURE SENSOR CIRCUIT

Check each battery pack water temperature sensor circuit. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

Replace Li-ion battery controller. Refer to [Removal & Installation](#).

NO>>

Repair or replace malfunctioning parts.

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
P1B07	15	Water temperature sensor A	Diagnosis condition	Power switch ON
			Signal (terminal)	Battery pack water temperature voltage
			Threshold	When detecting open circuit in battery pack water temperature circuit.
			Diagnosis delay time	2 seconds or less

POSSIBLE CAUSE

- Battery pack water temperature sensor circuit
- Battery pack water temperature sensor

FAIL-SAFE

Pattern C: Driving output power limit, Charge limit, and EV system warning lamp illuminate

1. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Power switch ON and wait at least 2 seconds.
2. Check "Self diagnosis Results" of "HIGH VOLTAGE BATTERY" and "HIGH VOLTAGE BATTERY 2".

Is P1B07-15 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

Sample

1. CHECK BATTERY PACK WATER TEMPERATURE SENSOR

Check battery water temperature sensor. Refer to [Component Inspection](#).

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Replace battery pack water temperature sensor. Refer to [Disassembly & Assembly](#).

2. CHECK BATTERY PACK WATER TEMPERATURE SENSOR CIRCUIT

Check each battery pack water temperature sensor circuit. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

Replace Li-ion battery controller. Refer to [Removal & Installation](#).

NO>>

Repair or replace malfunctioning parts.

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
P1B30	11	Module temperature sensor 1	Diagnosis condition	Power switch ON
			Signal (terminal)	Module temperature sensor voltage
			Threshold	When short circuit of module temperature sensor circuit is detected.
			Diagnosis delay time	2 seconds or less

POSSIBLE CAUSE

- Module temperature sensor 1 circuit
- Module temperature sensor 1

FAIL-SAFE

Not applicable

1. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Power switch ON and wait at least 2 seconds.
2. Check "Self diagnosis Results" of "HIGH VOLTAGE BATTERY" and "HIGH VOLTAGE BATTERY 2".

Is P1B30-11 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

Sample

1. CHECK MODULE TEMPERATURE SENSOR CIRCUIT

Check each module temperature sensor circuit (harness connector between cell controller and module. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Repair or replace malfunctioning parts.

2. CHECK MODULE TEMPERATURE SENSOR

Check module temperature sensor. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

Replace corresponding cell controller. Refer to [Removal & Installation](#).

NO>>

Replace corresponding module. Refer to [Disassembly & Assembly](#).

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
P1B30	15	Module temperature sensor 1	Diagnosis condition	Power switch ON
			Signal (terminal)	Module temperature sensor voltage
			Threshold	When open circuit of module temperature sensor circuit is detected.
			Diagnosis delay time	2 seconds or less

POSSIBLE CAUSE

- Module temperature sensor 1 circuit
- Module temperature sensor 1

FAIL-SAFE

Not applicable

1. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Power switch ON and wait at least 2 seconds.
2. Check "Self diagnosis Results" of "HIGH VOLTAGE BATTERY" and "HIGH VOLTAGE BATTERY 2".

Is P1B30-15 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

Sample