

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 Murano OEM Service and Repair Workshop Manual

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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	
P1B38	62	Module temperature sensor 9	Diagnosis condition	Power switch ON
			Signal (terminal)	Module temperature sensor temperature
			Threshold	Deviation in module temperature sensor characteristics.
			Diagnosis delay time	More than 2 seconds continuously

POSSIBLE CAUSE

- Module temperature sensor 9 circuit
- Module temperature sensor 9

FAIL-SAFE

Not applicable

Sample

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 P1B38-62 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	
P1B18	11	Interlock detecting switch 1	Diagnosis condition	Power switch ON
			Signal (terminal)	Interlock detecting switch signal
			Threshold	When malfunction of inter-lock detection circuit is detected.
			Diagnosis delay time	2 seconds or less

POSSIBLE CAUSE

- Interlock detecting switch (service plug) circuit
- Interlock detecting switch (service plug)
- Service plug improper connection
- Interlock detecting switch (high voltage harness FR) circuit
- Interlock detecting switch (high voltage harness FR)
- High voltage harness (FR) improper connection

FAIL-SAFE

Pattern D: 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 P1B18-11 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 INTERLOCK DETECTING SWITCH CIRCUIT (SERVICE PLUG)

Check interlock detecting switch circuit (service plug). Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Repair or replace malfunctioning parts.

2. CHECK INTERLOCK DETECTING SWITCH CIRCUIT (HIGH VOLTAGE HARNESS FRONT)

Check interlock detecting switch circuit (high voltage harness front). Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

Perform intermittent incident. Refer to [Intermittent Incident](#).

NO>>

Repair or replace malfunctioning parts.

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
P1B18	12	Interlock detecting switch 1	Diagnosis condition	Power switch ON
			Signal (terminal)	Interlock detecting switch signal
			Threshold	When malfunction of inter-lock detection circuit is detected.
			Diagnosis delay time	2 seconds or less

POSSIBLE CAUSE

- Interlock detecting switch (service plug) circuit
- Interlock detecting switch (service plug)
- Service plug improper connection
- Interlock detecting switch (high voltage harness FR) circuit
- Interlock detecting switch (high voltage harness FR)
- High voltage harness (FR) improper connection

FAIL-SAFE

Pattern D: 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 P1B18-12 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