


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 350Z Roadster OEM Service and Repair Workshop Manual

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1. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Power switch ON.
2. Erase DTC.



NOTE:

Erase DTC in order first "HIGH VOLTAGE BATTERY 2" then next "HIGH VOLTAGE BATTERY".

3. Perform DTC confirmation procedure again. Refer to [Confirmation Procedure](#).

Is P1B0E-41 detected?

YES>>

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

NO>>

INSPECTION END

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
P1B0F	49	Li-ion battery controller	Diagnosis condition	Power switch ON
			Signal (terminal)	LBC (CPU)
			Threshold	When self diagnosis program of internal LBC detects CPU malfunction.
			Diagnosis delay time	2 seconds or less

POSSIBLE CAUSE

LBC

FAIL-SAFE

Pattern B: Driving output power limit, Charge stop, 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 P1B0F-49 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 POWER SUPPLY AND GROUND CIRCUIT

Check LBC power supply and ground circuit. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

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

NO>>

Repair or replace malfunctioning parts.

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
P1BAD	41	Li-ion battery controller	Diagnosis condition	Power switch ON
			Signal (terminal)	LBC (CPU)
			Threshold	When self diagnosis program of internal LBC detects CPU malfunction.
			Diagnosis delay time	2 seconds or less

POSSIBLE CAUSE

LBC

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 P1BAD-41 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. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Power switch ON.
2. Erase DTC.



NOTE:

Erase DTC in order first "HIGH VOLTAGE BATTERY 2" then next "HIGH VOLTAGE BATTERY".

3. Perform DTC confirmation procedure again. Refer to [Confirmation Procedure](#).

Is P1BAD-41 detected?

YES>>

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

NO>>

INSPECTION END

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
P1BAE	41	Li-ion battery controller	Diagnosis condition	Power switch ON
			Signal (terminal)	LBC (CPU)
			Threshold	When self diagnosis program of internal LBC detects CPU malfunction.
			Diagnosis delay time	2 seconds or less

POSSIBLE CAUSE

LBC

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 P1BAE-41 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