

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.

2007 NISSAN Sentra OEM Service and Repair Workshop Manual

[Go to manual page](#)

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 P1BB6-49 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

Sample

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 P1BB6-49 detected?

YES>>

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

NO>>

INSPECTION END

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
U3D00	06	FOTA	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
- Software automatic update function (OTA)

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 U3D00-06 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. 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 U3D00-06 detected?

YES>>

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

NO>>

INSPECTION END

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
U3D00	41	FOTA	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
- Software automatic update function (OTA)

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 U3D00-41 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

Sample

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 U3D00-41 detected?

YES>>

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

NO>>

INSPECTION END

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
U3D00	51	FOTA	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
- Software automatic update function (OTA)

FAIL-SAFE

Not applicable