

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 Navara / Frontier King Cab OEM Service and Repair Workshop Manual

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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	
P1B19	15	Interlock detecting switch 2	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 (battery PTC) circuit
- Interlock detecting switch (battery PTC)
- High voltage harness (battery PTC) 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 P1B19-15 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 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	
P1B1A	11	Interlock detecting switch 3	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 (high voltage harness quick charge) circuit
- Interlock detecting switch (high voltage harness quick charge)
- High voltage harness (quick charge) 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 P1B1A-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 CONNECTOR (REAR)]

Check interlock detecting switch circuit [high voltage harness (rear)]. 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	
P1B1A	12	Interlock detecting switch 3	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 (high voltage harness quick charge) circuit
- Interlock detecting switch (high voltage harness quick charge)
- High voltage harness (quick charge) 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 P1B1A-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