

Your Ultimate Source for OEM Repair Manuals

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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.

<u>Is the inspection result normal?</u>

YES>>

Perform intermittent incident. Refer to Intermittent Incident.

NO>>

Repair or replace malfunctioning parts.

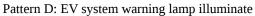
DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
	15	Interlock detecting switch 2	Diagnosis condition	Power switch ON
D1D10			Signal (terminal)	Interlock detecting switch signal
PIDIS			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





1. PERFORM DTC CONFIRMATION PROCEDURE

(I) 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



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.

<u>Is the inspection result normal?</u>

YES>>

Perform intermittent incident. Refer to Intermittent Incident.

NO>>

Repair or replace malfunctioning parts.

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
	11	Interlock detecting switch 3	Diagnosis condition	Power switch ON
P1B1A			Signal (terminal)	Interlock detecting switch signal
FIDIA			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

(I) 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



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.

<u>Is the inspection result normal?</u>

YES>>

Perform intermittent incident. Refer to Intermittent Incident.

NO>>

Repair or replace malfunctioning parts.

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
	12	Interlock detecting switch 3	Diagnosis condition	Power switch ON
P1B1A			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

(I) 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

