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2008 NISSAN Cube 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.

SIEMD-7377575

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
P1B32	62	Module temperature sensor 3	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 3 circuit
- Module temperature sensor 3

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 P1B32-62 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

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.

SIEMD-7377333

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
P1B33	11	Module temperature sensor 4	Diagnosis condition	Power switch ON
			Signal (terminal)	Module temperature sensor voltage
			Threshold	When short circuit of module temperature sensor circuit is detected.
			Diagnosis delay time	2 seconds or less

POSSIBLE CAUSE

- Module temperature sensor 4 circuit
- Module temperature sensor 4

FAIL-SAFE

Not applicable

SIEMD-7377505

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 P1B33-11 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 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.

SIEMD-7377304

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
P1B33	15	Module temperature sensor 4	Diagnosis condition	Power switch ON
			Signal (terminal)	Module temperature sensor voltage
			Threshold	When open circuit of module temperature sensor circuit is detected.
			Diagnosis delay time	2 seconds or less

POSSIBLE CAUSE

- Module temperature sensor 4 circuit
- Module temperature sensor 4

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 P1B33-15 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