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2007 NISSAN Altima OEM Service and Repair Workshop Manual

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SIEMD-7084641

DTC DETECTION LOGIC

DTC No.	CONSULT screen items	DTC Detection Condition	
B0093-25	Left Side Restraints Sensor 3	Diagnosis condition	When power switch is ON.
		Signal (terminal)	C-pillar satellite sensor LH signal
		Threshold	Diagnosis malfunction of C-pillar satellite sensor LH
		Diagnosis delay time	2 seconds or more.

POSSIBLE CAUSE

- Connection malfunction of harness and connector
- Internal malfunction of C-pillar satellite sensor LH
- Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

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DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Power switch ON.
2. Perform “Self Diagnostic Result” mode of “AIR BAG” using CONSULT.

Is malfunctioning part detected?

YES>>

Refer to Diagnosis Procedure.

NO-1>>

To check malfunction symptom before repair: Refer to Intermittent Incident.

NO-2>>

Confirmation after repair: INSPECTION END

Diagnosis Procedure

SIEMD-7084324

WARNING:

- **Before servicing, power switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1. CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES>>

GO TO 2.

NO–1>>

Damage: Replace malfunctioning harness and connector.

NO–2>>

Disconnection or looseness: Securely lock the connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES>>

GO TO 3.

NO>>

Replace malfunctioning harness and connector.

3. REPLACE C-PILLAR SATELLITE SENSOR LH

1. Replace C-pillar satellite sensor LH. Refer to Removal & Installation.
2. Perform DTC confirmation procedure. Refer to DTC Description.

Is DTC detected?

YES>>

GO TO 4.

NO>>

INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

Replace air bag diagnosis sensor unit. Refer to Removal & Installation.

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INSPECTION END

SIEMD-7084471

DTC DETECTION LOGIC

DTC No.	CONSULT screen items	DTC Detection Condition	
B0093-28	Left Side Restraints Sensor 3	Diagnosis condition	When power switch is ON.
		Signal (terminal)	C-pillar satellite sensor LH signal
		Threshold	Offset malfunction of C-pillar satellite sensor LH
		Diagnosis delay time	2 seconds or more.

POSSIBLE CAUSE

- Connection malfunction of harness and connector
- Internal malfunction of C-pillar satellite sensor LH
- Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

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DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Power switch ON.
2. Perform “Self Diagnostic Result” mode of “AIR BAG” using CONSULT.

Is malfunctioning part detected?

YES>>

Refer to Diagnosis Procedure.

NO-1>>

To check malfunction symptom before repair: Refer to Intermittent Incident.

NO-2>>

Confirmation after repair: INSPECTION END

Diagnosis Procedure

SIEMD-7084406

WARNING:

- **Before servicing, power switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1. CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES>>

GO TO 2.

NO–1>>

Damage: Replace malfunctioning harness and connector.

NO–2>>

Disconnection or looseness: Securely lock the connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES>>

GO TO 3.

NO>>

Replace malfunctioning harness and connector.

3. REPLACE C-PILLAR SATELLITE SENSOR LH

1. Replace C-pillar satellite sensor LH. Refer to Removal & Installation.
2. Perform DTC confirmation procedure. Refer to DTC Description.

Is DTC detected?

YES>>

GO TO 4.

NO>>

INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

Replace air bag diagnosis sensor unit. Refer to Removal & Installation.

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INSPECTION END

SIEMD-7084710

DTC DETECTION LOGIC

DTC No.	CONSULT screen items	DTC Detection Condition	
B0093-55	Left Side Restraints Sensor 3	Diagnosis condition	When power switch is ON.
		Signal (terminal)	C-pillar satellite sensor LH signal
		Threshold	When a mismatch is detected between in the configuration data stored in the air bag diagnosis sensor unit and vehicle specification.
		Diagnosis delay time	2 seconds or more.

POSSIBLE CAUSE

- Connection malfunction of harness and connector
- Mistake of configuration for air bag diagnosis sensor unit
- Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

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DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Power switch ON.
2. Perform “Self Diagnostic Result” mode of “AIR BAG” using CONSULT.

Is malfunctioning part detected?

YES>>

Refer to Diagnosis Procedure.

NO-1>>

To check malfunction symptom before repair: Refer to Intermittent Incident.

NO-2>>

Confirmation after repair: INSPECTION END

Diagnosis Procedure

SIEMD-7084741

WARNING:

- **Before servicing, power switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1. CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES>>

GO TO 2.

NO–1>>

Damage: Replace malfunctioning harness and connector.

NO–2>>

Disconnection or looseness: Securely lock the connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES>>

GO TO 3.

NO>>

Replace malfunctioning harness and connector.

3. PERFORM CONFIGURATION

1. Perform configuration for air bag diagnosis sensor unit. Refer to Description.
2. Perform DTC confirmation procedure. Refer to DTC Description.

Is DTC detected?

YES>>

GO TO 4.

NO>>

INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

Replace air bag diagnosis sensor unit. Refer to Removal & Installation.

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INSPECTION END