

# 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.

## 2006 NISSAN Altima OEM Service and Repair Workshop Manual

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**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

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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 FRONT SIDE AIR BAG MODULE RH

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1. Replace front side air bag module RH. 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

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Replace air bag diagnosis sensor unit. Refer to [Removal & Installation](#).

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Sample

## DTC DETECTION LOGIC

DTC No.	CONSULT screen items	DTC Detection Condition	
B0028-13	Right Side Airbag Deployment Control	Diagnosis condition	When power switch is ON.
		Signal (terminal)	Front side air bag module RH signal
		Threshold	Front side air bag module RH circuit is open
		Diagnosis delay time	2 seconds or more.

## POSSIBLE CAUSE

- Connection malfunction or open circuit of harness and connector
- Internal malfunction of front side air bag module RH
- Internal malfunction of air bag diagnosis sensor unit

## FAIL-SAFE

## 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

**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 FRONT SIDE AIR BAG MODULE RH

---

1. Replace front side air bag module RH. 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](#).

>>

Sample

## DTC DETECTION LOGIC

DTC No.	CONSULT screen items	DTC Detection Condition	
		Diagnosis condition	
B0028-1A	Right Side Airbag Deployment Control	Diagnosis condition	When power switch is ON.
		Signal (terminal)	Front side air bag module RH signal
		Threshold	Front side air bag module RH circuits are shorted to each other
		Diagnosis delay time	2 seconds or more.

## POSSIBLE CAUSE

- Connection malfunction or short circuit of harness and connector
- Internal malfunction of front side air bag module RH
- Internal malfunction of air bag diagnosis sensor unit

## FAIL-SAFE

## 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

**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 FRONT SIDE AIR BAG MODULE RH

---

1. Replace front side air bag module RH. 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](#).

>>



Sample

## DTC DETECTION LOGIC

DTC No.	CONSULT screen items	DTC Detection Condition	
		B0028-1B	Right Side Airbag Deployment Control
Signal (terminal)	Front side air bag module RH signal		
Threshold	Front side air bag module RH circuit resistance is above threshold		
Diagnosis delay time	2 seconds or more.		

## POSSIBLE CAUSE

- Connection malfunction of harness and connector
- Internal malfunction of front side air bag module RH
- Internal malfunction of air bag diagnosis sensor unit

## FAIL-SAFE

## 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