

# 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 Patrol LWB 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

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Check the wiring harness externals.

Is the inspection result normal?

YES>>

[GO TO 3.](#)

NO>>

Replace malfunctioning harness and connector.

## 3. REPLACE FRONT DOOR SATELLITE SENSOR LH OR RH

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1. Replace front door satellite sensor LH or 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 FRONT DOOR SATELLITE SENSOR RH OR LH

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1. Replace remained front door satellite sensor RH or LH. Refer to [Removal & Installation](#).

2. Perform DTC confirmation procedure. Refer to [DTC Description](#).

Is DTC detected?

YES>>

[GO TO 5.](#)

NO>>

INSPECTION END

## **5. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT**

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

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INSPECTION END

## DTC DETECTION LOGIC

DTC No.	CONSULT screen items	DTC Detection Condition	
		Diagnosis condition	When power switch is ON.
B0021-09	Left Curtain Deployment Control 1	Signal (terminal)	Curtain air bag module LH signal
		Threshold	Curtain air bag module LH circuit is shorted to other
		Diagnosis delay time	2 seconds or more.

## POSSIBLE CAUSE

- Connection malfunction or short circuit of harness and connector
- Internal malfunction of curtain air bag module LH
- 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 CURTAIN AIR BAG MODULE LH

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1. Replace curtain air bag module 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

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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	
		Diagnosis condition	When power switch is ON.
B0021-11	Left Curtain Deployment Control 1	Signal (terminal)	Curtain air bag module LH signal
		Threshold	Curtain air bag module LH circuit is shorted to ground
		Diagnosis delay time	2 seconds or more.

## POSSIBLE CAUSE

- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of curtain air bag module LH
- 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 CURTAIN AIR BAG MODULE LH

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1. Replace curtain air bag module 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](#).

>>



Sample

## DTC DETECTION LOGIC

DTC No.	CONSULT screen items	DTC Detection Condition	
		Diagnosis condition	When power switch is ON.
B0021-12	Left Curtain Deployment Control 1	Signal (terminal)	Curtain air bag module LH signal
		Threshold	Curtain air bag module LH circuit is shorted to power supply circuit
		Diagnosis delay time	2 seconds or more.

## POSSIBLE CAUSE

- Connection malfunction or short circuit to power supply of harness and connector
- Internal malfunction of curtain air bag module LH
- 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