

# 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.

## 2002 NISSAN Primera Wagon OEM Service and Repair Workshop Manual

[Go to manual page](#)

## 1. PRECONDITIONING

---

If “Confirmation Procedure” has been previously conducted, always power switch OFF, get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors before conducting the next test.

>>

[GO TO 2](#)

## 2. CHECK DTC DETECTION

---

 With CONSULT

1. Power switch OFF (Auto ACC is ON).
2. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

**CAUTION:**  
**Never operate the vehicle.**

3. Power switch ON without depressing the brake pedal.

**CAUTION:**  
**Never set the vehicle to READY.**

4. Push the parking brake switch.

**CAUTION:**

- Set the shift position in the P.
- Depress the brake pedal.

5. Pull the parking brake switch.
6. Perform self-diagnosis for “ABS”.

Is DTC “C10B6-68” detected?

YES-1>>

“CRNT” is displayed: Refer to [DTC Diagnosis Procedure](#).

YES-2>>

“PAST” is displayed: INSPECTION END (Erase the memory of self-diagnosis results.)

NO-1>>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2>>

Confirmation after repair: INSPECTION END

## 1. CHECK REAR BRAKE COMPONENT PARTS

---

1. Apply and release the parking brake.
2. Disconnect 12V battery negative terminal.
3. Check rear brake component parts.
  - Rear brake pad: Refer to [REAR BRAKE PAD : Periodic Maintenance Operation](#).
  - Rear brake caliper assembly and parking brake actuator: Refer to [REAR BRAKE CALIPER ASSEMBLY : Inspection](#).
  - Rear disc rotor: Refer to [REAR DISC ROTOR : Periodic Maintenance Operation](#).

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Repair or replace error-detected parts. [GO TO 2.](#)

## 2. PERFORM SELF-DIAGNOSIS

---

 With CONSULT

1. Connect 12V battery negative terminal.
2. Power switch OFF (Auto ACC function ON).
3. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

**CAUTION:**  
**Never operate the vehicle.**

4. Power switch ON without depressing the brake pedal.

**CAUTION:**  
**Never set the vehicle to READY.**

5. Apply and release the parking brake five times.
6. Perform self-diagnosis for "ABS".

Is DTC "C10B6-68" detected?

YES-1>>

"CRNT" is displayed: Replace the ABS actuator and electric unit (control unit). Refer to [ABS ACTUATOR AND ELECTRIC UNIT \(CONTROL UNIT\) : Removal & Installation](#).

YES-2>>

"PAST" is displayed: INSPECTION END (Erase the memory of self-diagnosis results.)

NO>>

INSPECTION END

## DTC DETECTION LOGIC

DTC No.		CONSULT screen terms	DTC detection condition	
C10B8	77	Parking brake system	Diagnosis condition	<ul style="list-style-type: none"><li>Power switch is ON.</li><li>When the power supply voltage is normal.</li></ul>
			Signal (terminal)	—
			Threshold	When a motor of parking brake actuator does not reach the target position.
			Diagnosis delay time	30 seconds or more

## POSSIBLE CAUSE

**NOTE:**

Confirm if DTC is PAST or CRNT. If DTC is CRNT, proceed with Diagnosis Procedure. If DTC is PAST, clear DTC. Do not replace the ABS actuator and electric unit (control unit) for a PAST DTC.

PAST DTC	CRNT DTC
<ul style="list-style-type: none"><li>Harness or connector</li><li>Parking brake actuator</li></ul>	<ul style="list-style-type: none"><li>Harness or connector</li><li>Parking brake actuator</li><li>ABS actuator and electric unit (control unit)</li></ul>

## FAIL-SAFE

The following functions are suspended.

Electric parking brake function

## 1. PRECONDITIONING

---

If “Confirmation Procedure” has been previously conducted, always power switch OFF, get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors before conducting the next test.

>>

[GO TO 2](#)

## 2. CHECK DTC DETECTION

---

 With CONSULT

1. Power switch OFF (Auto ACC is ON).
2. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

**CAUTION:**  
**Never operate the vehicle.**

3. Power switch ON without depressing the brake pedal.

**CAUTION:**  
**Never set the vehicle to READY.**

4. Push the parking brake switch.

**CAUTION:**

- Set the shift position in the P.
- Depress the brake pedal.

5. Pull the parking brake switch.
6. Perform self-diagnosis for “ABS”.

Is DTC “C10B8-77” detected?

YES-1>>

“CRNT” is displayed: Refer to [DTC Diagnosis Procedure](#).

YES-2>>

“PAST” is displayed: INSPECTION END (Erase the memory of self-diagnosis results.)

NO-1>>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2>>

Confirmation after repair: INSPECTION END

## 1. CHECK REAR BRAKE COMPONENT PARTS

---

1. Apply and release the parking brake.
2. Disconnect 12V battery negative terminal.
3. Check rear brake component parts.
  - Rear brake pad: Refer to [REAR BRAKE PAD : Periodic Maintenance Operation](#).
  - Rear brake caliper assembly and parking brake actuator: Refer to [REAR BRAKE CALIPER ASSEMBLY : Inspection](#).
  - Rear disc rotor: Refer to [REAR DISC ROTOR : Periodic Maintenance Operation](#).

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Repair or replace error-detected parts. [GO TO 2.](#)

## 2. PERFORM SELF-DIAGNOSIS

---

 With CONSULT

1. Connect 12V battery negative terminal.
2. Power switch OFF (Auto ACC function ON).
3. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

**CAUTION:**  
**Never operate the vehicle.**

4. Power switch ON without depressing the brake pedal.

**CAUTION:**  
**Never set the vehicle to READY.**

5. Apply and release the parking brake five times.
6. Perform self-diagnosis for “ABS”.

Is DTC "C10B8-77" detected?

YES-1>>

"CRNT" is displayed: Replace the ABS actuator and electric unit (control unit). Refer to [ABS ACTUATOR AND ELECTRIC UNIT \(CONTROL UNIT\) : Removal & Installation](#).

YES-2>>

"PAST" is displayed: INSPECTION END (Erase the memory of self-diagnosis results.)

NO>>

INSPECTION END

## DTC DETECTION LOGIC

DTC No.		CONSULT screen terms	DTC detection condition	
C10B9	77	Parking brake system	Diagnosis condition	<ul style="list-style-type: none"><li>Power switch is ON.</li><li>When the power supply voltage is normal.</li></ul>
			Signal (terminal)	—
			Threshold	When a malfunction is detected in electric parking brake system.
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

**NOTE:**

Confirm if DTC is PAST or CRNT. If DTC is CRNT, proceed with Diagnosis Procedure. If DTC is PAST, clear DTC. Do not replace the ABS actuator and electric unit (control unit) for a PAST DTC.

PAST DTC	CRNT DTC
<ul style="list-style-type: none"><li>Harness or connector</li><li>Parking brake actuator</li></ul>	<ul style="list-style-type: none"><li>Harness or connector</li><li>Parking brake actuator</li><li>ABS actuator and electric unit (control unit)</li></ul>

## FAIL-SAFE

The following functions are suspended.

Electric parking brake function

## 1. PRECONDITIONING

---

If “Confirmation Procedure” has been previously conducted, always power switch OFF, get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors before conducting the next test.

>>

[GO TO 2](#)

## 2. CHECK DTC DETECTION

---

 With CONSULT

1. Power switch OFF (Auto ACC is ON).
2. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

**CAUTION:**  
**Never operate the vehicle.**

3. Power switch ON without depressing the brake pedal.

**CAUTION:**  
**Never set the vehicle to READY.**

4. Push the parking brake switch.

**CAUTION:**

- Set the shift position in the P.
- Depress the brake pedal.

5. Pull the parking brake switch.
6. Perform self-diagnosis for “ABS”.

Is DTC “C10B9-77” detected?

YES-1>>

“CRNT” is displayed: Refer to [DTC Diagnosis Procedure](#).

YES-2>>

“PAST” is displayed: INSPECTION END (Erase the memory of self-diagnosis results.)

NO-1>>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2>>

Confirmation after repair: INSPECTION END



## 1. CHECK REAR BRAKE COMPONENT PARTS

---

1. Apply and release the parking brake.
2. Disconnect 12V battery negative terminal.
3. Check rear brake component parts.
  - Rear brake pad: Refer to [REAR BRAKE PAD : Periodic Maintenance Operation](#).
  - Rear brake caliper assembly and parking brake actuator: Refer to [REAR BRAKE CALIPER ASSEMBLY : Inspection](#).
  - Rear disc rotor: Refer to [REAR DISC ROTOR : Periodic Maintenance Operation](#).

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Repair or replace error-detected parts. [GO TO 2.](#)

## 2. PERFORM SELF-DIAGNOSIS

---

 With CONSULT

1. Connect 12V battery negative terminal.
2. Power switch OFF (Auto ACC function ON).
3. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

**CAUTION:**  
**Never operate the vehicle.**

4. Power switch ON without depressing the brake pedal.

**CAUTION:**  
**Never set the vehicle to READY.**

5. Apply and release the parking brake five times.
6. Perform self-diagnosis for "ABS".

Is DTC "C10B9-77" detected?

YES-1>>

"CRNT" is displayed: Replace the ABS actuator and electric unit (control unit). Refer to [ABS ACTUATOR AND ELECTRIC UNIT \(CONTROL UNIT\) : Removal & Installation](#).

YES-2>>

"PAST" is displayed: INSPECTION END (Erase the memory of self-diagnosis results.)

NO>>

INSPECTION END

## DTC DETECTION LOGIC

DTC No.		CONSULT screen terms	DTC detection condition	
C106E	54	Steering angle sensor	Diagnosis condition	<ul style="list-style-type: none"><li>Power switch is ON.</li><li>When the power supply voltage is normal.</li></ul>
			Signal (terminal)	—
			Threshold	When adjustment of steering angle sensor neutral position is not complete.
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

**NOTE:**

Confirm if DTC is PAST or CRNT. If DTC is CRNT, proceed with Diagnosis Procedure. If DTC is PAST, clear DTC. Do not replace the ABS actuator and electric unit (control unit) for a PAST DTC.

PAST DTC	CRNT DTC
Incomplete adjustment of steering angle sensor	<ul style="list-style-type: none"><li>Incomplete adjustment of steering angle sensor</li><li>Steering angle sensor</li><li>ABS actuator and electric unit (control unit)</li></ul>

## FAIL-SAFE

The following functions are suspended.

- VDC function
- TCS function
- hill start assist function
- Brake limited slip differential (BLSD) function
- Brake assist function
- Brake force distribution function
- Cooperative regenerative brake function