

# 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.

## 2004 NISSAN Sentra OEM Service and Repair Workshop Manual

[Go to manual page](#)

8. Wait 65 seconds or more.



**NOTE:**

- Check to make sure that the parking brake switch indicator is turned OFF.
- If the rear brake calipers are hot, wait up to an hour until parking brake switch indicator on the switch turns OFF. Once indicator on the switch turns OFF, move to next step.

9. Set the vehicle to READY.

**CAUTION:**

**Never drive the vehicle.**

10. Perform self-diagnosis for “EPS/DIRECT ADAPTIVE STEERING 3”.

Is DTC “C163E-86” detected?

YES>>

Replace the power steering control module. Refer to [Removal and Installation](#).

NO>>

INSPECTION END

Sample

**DTC DETECTION LOGIC**

DTC No.		CONSULT screen terms	DTC detection condition	
C1608	43	Control unit	Diagnosis condition	When power switch is ON.
			Signal (terminal)	—
			Threshold	When the internal malfunction (memory malfunction) is detected in power steering control module.
			Diagnosis delay time	1 second or less

**POSSIBLE CAUSE**

Power steering control module

**FAIL-SAFE**

Normal state (Depends on the calibration status)

## 1. PRECONDITIONING

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1. Pull the parking brake switch.

**NOTE:**

**Check to make sure that the parking brake switch indicator is turned ON.**

2. Power switch OFF.
3. Get out of the vehicle and close all doors.
4. Wait 65 seconds or more.

**NOTE:**

- **Check to make sure that the parking brake switch indicator is turned OFF.**
- **If the rear brake calipers are hot, wait up to an hour until parking brake switch indicator on the switch turns OFF. Once indicator on the switch turns OFF, move to next step.**

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[GO TO 2.](#)

## 2. DTC REPRODUCTION PROCEDURE

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 With CONSULT

1. Power switch ON.
2. Perform self-diagnosis for “EPS/DIRECT ADAPTIVE STEERING 3”.

Is DTC “C1608-43” detected?

YES>>

Proceed to diagnosis procedure. [DTC Diagnosis Procedure](#).

NO-1>>

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

NO-2>>

Confirmation after repair: INSPECTION END

## 1. PERFORM SELF-DIAGNOSIS

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 With CONSULT

1. Power switch OFF to ON.
2. Erase self-diagnostic results for “EPS/DIRECT ADAPTIVE STEERING 3”.
3. Pull the parking brake switch.



**NOTE:**

**Check to make sure that the parking brake switch indicator is turned ON.**

4. Power switch OFF.
5. Get out of the vehicle and close all doors.
6. Wait 65 seconds or more.



**NOTE:**

- **Check to make sure that the parking brake switch indicator is turned OFF.**
- **If the rear brake calipers are hot, wait up to an hour until parking brake switch indicator on the switch turns OFF. Once indicator on the switch turns OFF, move to next step.**

7. Set the vehicle to READY.

**CAUTION:**

**Never drive the vehicle.**

8. Perform self-diagnosis for “EPS/DIRECT ADAPTIVE STEERING 3”.

Is DTC “C1608-43” detected?

YES>>

Replace the power steering control module. Refer to [EPS CONTROL UNIT : Removal & Installation](#).

NO>>

INSPECTION END

**DTC DETECTION LOGIC**

DTC No.		CONSULT screen terms	DTC detection condition	
C1608	46	Control unit	Diagnosis condition	When power switch is ON.
			Signal (terminal)	—
			Threshold	When the malfunction is detected in power steering control module calibration data.
			Diagnosis delay time	1 second or less

**POSSIBLE CAUSE**

Power steering control module

**FAIL-SAFE**

Normal state (Depends on the calibration status)

## 1. PRECONDITIONING

---

1. Pull the parking brake switch.

**NOTE:**

**Check to make sure that the parking brake switch indicator is turned ON.**

2. Power switch OFF.
3. Get out of the vehicle and close all doors.
4. Wait 65 seconds or more.

**NOTE:**

- **Check to make sure that the parking brake switch indicator is turned OFF.**
- **If the rear brake calipers are hot, wait up to an hour until parking brake switch indicator on the switch turns OFF. Once indicator on the switch turns OFF, move to next step.**

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[GO TO 2.](#)

## 2. DTC REPRODUCTION PROCEDURE

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 With CONSULT

1. Power switch ON.
2. Perform self-diagnosis for “EPS/DIRECT ADAPTIVE STEERING 3”.

Is DTC “C1608-46” detected?

YES>>

Proceed to diagnosis procedure. [DTC Diagnosis Procedure](#).

NO-1>>

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

NO-2>>

Confirmation after repair: INSPECTION END

## 1. PERFORM SELF-DIAGNOSIS

---

 With CONSULT

1. Power switch OFF to ON.
2. Erase self-diagnostic results for “EPS/DIRECT ADAPTIVE STEERING 3”.
3. Pull the parking brake switch.



**NOTE:**

**Check to make sure that the parking brake switch indicator is turned ON.**

4. Power switch OFF.
5. Get out of the vehicle and close all doors.
6. Wait 65 seconds or more.



**NOTE:**

- **Check to make sure that the parking brake switch indicator is turned OFF.**
- **If the rear brake calipers are hot, wait up to an hour until parking brake switch indicator on the switch turns OFF. Once indicator on the switch turns OFF, move to next step.**

7. Set the vehicle to READY.

**CAUTION:**

**Never drive the vehicle.**

8. Perform self-diagnosis for “EPS/DIRECT ADAPTIVE STEERING 3”.

Is DTC “C1608-46” detected?

YES>>

Replace the power steering control module. [EPS CONTROL UNIT : Removal & Installation.](#)

NO>>

INSPECTION END



**DTC DETECTION LOGIC**

DTC No.		CONSULT screen terms	DTC detection condition	
C1608	49	Control unit	Diagnosis condition	When power switch is ON.
			Signal (terminal)	—
			Threshold	When the internal malfunction is detected in power steering control module.
			Diagnosis delay time	1 second or less

**POSSIBLE CAUSE**

Power steering control module

**FAIL-SAFE**

- Manual steering state (Depends on the DTC detection status)
- Limit steering assist level state (Depends on the DTC detection status)

## 1. PRECONDITIONING

---

1. Pull the parking brake switch.

**NOTE:**

**Check to make sure that the parking brake switch indicator is turned ON.**

2. Power switch OFF.
3. Get out of the vehicle and close all doors.
4. Wait 65 seconds or more.

**NOTE:**

- **Check to make sure that the parking brake switch indicator is turned OFF.**
- **If the rear brake calipers are hot, wait up to an hour until parking brake switch indicator on the switch turns OFF. Once indicator on the switch turns OFF, move to next step.**

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[GO TO 2.](#)

## 2. DTC REPRODUCTION PROCEDURE

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 With CONSULT

1. Power switch ON.
2. Perform self-diagnosis for “EPS/DIRECT ADAPTIVE STEERING 3”.

Is DTC “C1608-49” detected?

YES>>

Proceed to diagnosis procedure. [DTC Diagnosis Procedure.](#)

NO-1>>

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

NO-2>>

Confirmation after repair: INSPECTION END