

# 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 Micra 3 Doors OEM Service and Repair Workshop Manual

[Go to manual page](#)

## 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.**

>>

[GO TO 2.](#)

## 2. DTC REPRODUCTION PROCEDURE

---

 With CONSULT

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

Is DTC “C1615-4B” 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. CHECK THE POWER STEERING CONTROL MODULE SIGNAL (1)

---

 With CONSULT

1. Set the vehicle to READY.

**CAUTION:**  
**Never drive the vehicle.**

2. Turn steering wheel from full left stop to full right stop.
3. Select “EPS/DIRECT ADAPTIVE STEERING 3”, “Data monitor” and “Assist level” in this order. [Values On The Diagnosis Tool](#).

Dose the item in “Data monitor” indicate “99%”?

YES>>

[GO TO 2.](#)

NO>>

[GO TO 3.](#)

## 2. 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 "C1615-4B" detected?

YES>>

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

NO>>

Check terminals and connection of each harness connector for malfunctioning conditions. Repair/replace error-detected parts.

### 3. CHECK THE POWER STEERING CONTROL MODULE SIGNAL (2)

---

 With CONSULT

1. Select "EPS/DIRECT ADAPTIVE STEERING 3", "Data monitor" and "Assist level" in this order. [Values On The Diagnosis Tool](#).
2. Stop the EPS system until the item becomes "99%".



**NOTE:**

**While stopping the EPS system, do not turn steering wheel.**

3. Check that the symptom continues.

Dose the symptom continue?

YES>>

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

NO>>

The assist torque decreases because of protection function. This is not malfunction. INSPECTION END

## DTC DETECTION LOGIC

---

| DTC No. |    | CONSULT screen terms | DTC detection condition |   |
|---------|----|----------------------|-------------------------|---|
| C161F   | 86 | AV system            | Diagnosis condition     | When power switch is ON.                                  |
|         |    |                      | Signal (terminal)       | CAN communication signal                                  |
|         |    |                      | Threshold               | When a malfunction is detected in chassis control module. |
|         |    |                      | Diagnosis delay time    | 2 seconds or more   |

## POSSIBLE CAUSE

---

- CAN communication line
- Chassis control module
- Power steering control module

## FAIL-SAFE

---

Lock the drive mode function to the STANDARD position

## 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.**

>>

[GO TO 2.](#)

## 2. DTC REPRODUCTION PROCEDURE

---

 With CONSULT

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

Is DTC “C161F-86” detected?

YES>>

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

NO-1>>

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

NO-2>>

Confirmation after repair: INSPECTION END

## 1. PERFORM CHASSIS CONTROL MODULE SELF-DIAGNOSIS

---

 With CONSULT

1. Power switch OFF to ON.
2. Perform self-diagnosis for "CHASSIS CONTROL".

Is any DTC detected?

YES>>

Check the DTC. [DTC Index](#).

NO>>

[GO TO 2.](#)

## 2. CHECK CONNECTOR AND TERMINAL

---

1. Power switch OFF.
2. Disconnect chassis control module harness connector.
3. Disconnect power steering control module harness connector.
4. Check the connector for disconnection or looseness.
5. Check the terminals for damage or loose connection with harness connector.

Is the inspection result normal?

YES>>

[GO TO 3.](#)

NO>>

Repair or replace harness, connector, or terminal, securely lock the connector.

## 3. PERFORM SELF-DIAGNOSIS

---

 With CONSULT

1. Connect chassis control module harness connector.
2. Connect power steering control module harness connector.
3. Power switch OFF to ON.
4. Erase self-diagnostic results for "EPS/DIRECT ADAPTIVE STEERING 3".
5. Pull the parking brake switch.



**NOTE:**

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

6. Power switch OFF.
7. Get out of the vehicle and close all doors.

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 “C161F-86” detected?

YES>>

Replace the EPS control unit. Refer to [Removal & Installation](#).

NO>>

INSPECTION END

Sample



## DTC DETECTION LOGIC

---

| DTC No. |    | CONSULT screen terms | DTC detection condition |  |
|---------|----|----------------------|-------------------------|--|
| C1636   | 87 | AV system            | Diagnosis condition     | When power switch is ON.                               |
|         |    |                      | Signal (terminal)       | CAN communication signal                               |
|         |    |                      | Threshold               | When a malfunction is detected in ADAS control unit 2. |
|         |    |                      | Diagnosis delay time    | 1 second or less                                       |

## POSSIBLE CAUSE

---

- CAN communication line
- ADAS control unit 2
- Power steering control module

## FAIL-SAFE

---

Normal state

## 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.**

>>

[GO TO 2.](#)

## 2. DTC REPRODUCTION PROCEDURE

---

 With CONSULT

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

Is DTC “C1636-87” detected?

YES>>

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

NO-1>>

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

NO-2>>

Confirmation after repair: INSPECTION END