

# 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 Skyline Coupe OEM Service and Repair Workshop Manual

[Go to manual page](#)

Sample

**DTC DETECTION LOGIC**

| DTC No. |    | CONSULT screen terms                          | DTC detection condition |   |
|---------|----|---|-------------------------|---|
| U2148   | 87 | CAN communication error<br>brake control unit | Diagnosis<br>condition  | When power switch is ON.  |
|         |    |   | Signal<br>(terminal)    | CAN communication signal  |
|         |    |   | Threshold               | When CAN communication signal is not continuously received<br>from ABS actuator and electric unit (control unit). |
|         |    |   | Diagnosis<br>delay time | 2 seconds or more   |

**POSSIBLE CAUSE**

- CAN communication line
- ABS actuator and electric unit (control unit)
- Power steering control module

**FAIL-SAFE**

Normal control or constant steering assist level state

## 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 “U2148-87” detected?

YES>>

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

NO-1>>

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

NO-2>>

Confirmation after repair: INSPECTION END

Sample

**DTC DETECTION LOGIC**

| DTC No. |    | CONSULT screen terms          | DTC detection condition |  |
|---------|----|-------------------------------|-------------------------|--|
| U214F   | 87 | CAN communication error (BCM) | Diagnosis condition     | When power switch is ON.   |
|         |    |                               | Signal (terminal)       | CAN communication signal   |
|         |    |                               | Threshold               | When CAN communication signal is not continuously received from BCM. |
|         |    |                               | Diagnosis delay time    | 2 seconds or more  |

**POSSIBLE CAUSE**

- CAN communication line
- BCM
- Power steering control module

**FAIL-SAFE**

Normal state

## 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 “U214F-87” detected?

YES>>

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

NO-1>>

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

NO-2>>

Confirmation after repair: INSPECTION END

Sample



**DTC DETECTION LOGIC**

| DTC No. |    | CONSULT screen terms   | DTC detection condition |  |
|---------|----|--|-------------------------|--|
| U2152   | 87 | CAN communication error advanced driver assistant systems control unit | Diagnosis condition     | When power switch is ON.   |
|         |    |  | Signal (terminal)       | CAN communication signal   |
|         |    |  | Threshold               | When CAN communication signal is not continuously received from ADAS control unit 2. |
|         |    |  | Diagnosis delay time    | 2 seconds or more  |

**POSSIBLE CAUSE**

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

**FAIL-SAFE**

Normal state

## 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 “U2152-87” detected?

YES>>

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

NO-1>>

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

NO-2>>

Confirmation after repair: INSPECTION END