

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 Sedan OEM Service and Repair Workshop Manual

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Intermittent Incident

Sample

DTC DETECTION LOGIC

| DTC No. | | CONSULT screen terms | DTC detection condition | |
|---------|----|--|-------------------------|--|
| U2154 | 87 | CAN communication error multimedia interface unit | Diagnosis condition | When power switch is ON. |
| | | | Signal (terminal) | CAN communication signal |
| | | | Threshold | When CAN communication signal is not continuously received from AV control unit. |
| | | | Diagnosis delay time | 2 seconds or more |

POSSIBLE CAUSE

- CAN communication line
- AV control unit
- 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.**

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2. DTC REPRODUCTION PROCEDURE

 With CONSULT

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

Is DTC “U2154-87” 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 | |
|---------|----|---|-------------------------|--|
| U2156 | 87 | CAN communication error steering angle sensor | Diagnosis condition | When power switch is ON. |
| | | | Signal (terminal) | CAN communication signal |
| | | | Threshold | When CAN communication signal is not continuously received from steering angle sensor. |
| | | | Diagnosis delay time | 2 seconds or more |

POSSIBLE CAUSE

- CAN communication line
- Steering angle sensor
- 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.**

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2. DTC REPRODUCTION PROCEDURE

 With CONSULT

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

Is DTC “U2156-87” 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 | |
|---------|----|------------------------------------|-------------------------|---|
| U215B | 87 | CAN communication error (IPDM E/R) | Diagnosis condition | When power switch is ON. |
| | | | Signal (terminal) | CAN communication signal |
| | | | Threshold | When CAN communication signal is not continuously received from IPDM E/R. |
| | | | Diagnosis delay time | 2 seconds or more |

POSSIBLE CAUSE

- CAN communication line
- IPDM E/R
- 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.**

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2. DTC REPRODUCTION PROCEDURE

 With CONSULT

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

Is DTC “U215B-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