

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 Teana OEM Service and Repair Workshop Manual

[Go to manual page](#)

Sample

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms	DTC detection condition	
U2176	87	CAN communication error (chassis control module/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 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.**

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[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 “U2176-87” 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	
C1601	16	Battery voltage	Diagnosis condition	When power switch is ON.
			Signal (terminal)	Power supply voltage signal
			Threshold	8V or less
			Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

- Harness or connector
- Power steering control module
- Power supply system
- Fuse
- Fusible link
- 12V battery

FAIL-SAFE

Manual steering 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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[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 “C1601-16” 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

1. CHECK POWER STEERING CONTROL MODULE POWER SUPPLY CIRCUIT

Check power steering control module power supply circuit. [DTC Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Repair / replace harness, connector, terminal, fuse, or fusible link.

2. CHECK TERMINAL

Check the power steering control module terminals for damage or loose connection with harness connector.

Is the inspection result normal?

YES>>

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

NO>>

Repair/replace harness, connector or terminal.

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms	DTC detection condition	
C1601	17	Battery voltage	Diagnosis condition	When power switch is ON.
			Signal (terminal)	Power supply voltage signal
			Threshold	18.2 V or more
			Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

- Harness or connector
- Power steering control module
- Power supply system
- Fuse
- Fusible link
- 12V battery

FAIL-SAFE

Manual steering 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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[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 “C1601-17” 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