

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.

2016 NISSAN Titan Crew Cab OEM Service and Repair Workshop Manual

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DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
U1DB7	82	EPS C/U	Diagnosis condition	Vehicle: READY
			Signal (terminal)	CAN communication signal
			Threshold	If around view monitor control unit detects an error signal that is received from power steering control module via CAN communication
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- Power steering control module
- Around view monitor control unit

FAIL-SAFE

The following systems are canceled.

- Lane keep function*¹
- Lane keep function*²
- Lane change support function
- Overtaking support function
- Route driving support function
- AEB
- RAB
- I-FCW
- I-LI
- I-BSI
- TSR

*1 : ProPILOT Assist 2.0 display is green

*2 : ProPILOT Assist 2.0 display is blue

1. CHECK DTC PRIORITY

If DTC “U1DB7-82” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

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2. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U1DB7-82” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U1DB7-82” detected as the current malfunction?

YES>>

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. CHECK DTC PRIORITY

If DTC “U1DB7-82” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

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2. POWER STEERING CONTROL MODULE SELF-DIAGNOSIS RESULTS

Check if any DTC is detected in “Self Diagnostic Result” of “EPS/DAST 3”.

Is any DTC detected?

YES>>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to [DTC Index](#).

NO>>

Replace the around view monitor control unit. Refer to [Removal and Installation](#).

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
U1DB7	83	EPS C/U	Diagnosis condition	Vehicle: READY
			Signal (terminal)	CAN communication signal
			Threshold	If around view monitor control unit detects an error signal that is received from power steering control module via CAN communication
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- Power steering control module
- Around view monitor control unit

FAIL-SAFE

The following systems are canceled.

- Lane keep function*1
- Lane keep function*2
- Lane change support function
- Overtaking support function
- Route driving support function
- AEB
- RAB
- I-FCW
- I-LI
- I-BSI
- TSR

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1. CHECK DTC PRIORITY

If DTC “U1DB7-83” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

[GO TO 2.](#)

2. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U1DB7-83” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U1DB7-83” detected as the current malfunction?

YES>>

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. CHECK DTC PRIORITY

If DTC “U1DB7-83” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

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2. POWER STEERING CONTROL MODULE SELF-DIAGNOSIS RESULTS

Check if any DTC is detected in “Self Diagnostic Result” of “EPS/DAST 3”.

Is any DTC detected?

YES>>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to [DTC Index](#).

NO>>

Replace the around view monitor control unit. Refer to [Removal and Installation](#).

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
U1DB7	87	EPS C/U	Diagnosis condition	Vehicle: READY
			Signal (terminal)	CAN communication signal
			Threshold	If around view monitor control unit detects an error signal that is received from power steering control module via CAN communication
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- Power steering control module
- Around view monitor control unit

FAIL-SAFE

The following systems are canceled.

- Lane keep function*1
- Lane keep function*2
- Lane change support function
- Overtaking support function
- Route driving support function
- AEB
- RAB
- I-FCW
- I-LI
- I-BSI
- TSR

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*2 : ProPILOT Assist 2.0 display is blue

1. CHECK DTC PRIORITY

If DTC “U1DB7-87” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

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2. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U1DB7-87” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U1DB7-87” detected as the current malfunction?

YES>>

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. CHECK DTC PRIORITY

If DTC “U1DB7-87” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

[GO TO 2.](#)

2. POWER STEERING CONTROL MODULE SELF-DIAGNOSIS RESULTS

Check if any DTC is detected in “Self Diagnostic Result” of “EPS/DAST 3”.

Is any DTC detected?

YES>>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to [DTC Index](#).

NO>>

Replace the around view monitor control unit. Refer to [Removal and Installation](#).