

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.

2017 NISSAN Leaf OEM Service and Repair Workshop Manual

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DTC CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC B2A0A-86 is displayed with DTC U2165-87, first perform the confirmation procedure (trouble diagnosis) for DTC U2165-87.

Is applicable DTC detected?

YES>>

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

NO>>

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2. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Turn the power switch ON.
2. Check if the “B2A0A-86” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “B2A0A-86” 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 SELF-DIAGNOSIS RESULTS

 With CONSULT

Check if “U2165-87” is detected other than “B2A0A-86” in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U2165-87” detected?

YES>>

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

NO>>

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2. CHECK SONAR CONTROL UNIT SELF-DIAGNOSIS RESULTS

 With CONSULT

Check if any DTC is detected in “Self Diagnostic Result” of “SONAR”.

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	
U1D9C	82	Side radar rear RH	Diagnosis condition	Vehicle: READY
			Signal (terminal)	CAN communication signal
			Threshold	If around view monitor control unit detects an error signal that is received from side radar rear RH via CAN communication
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- Side radar rear RH
- Around view monitor control unit

FAIL-SAFE

None

1. CHECK DTC PRIORITY

If DTC “U1D9C-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 “U1D9C-82” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U1D9C-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 “U1D9C-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>>

[GO TO 2.](#)

2. CHECK SIDE RADAR REAR RH SELF-DIAGNOSIS RESULTS

Check if any DTC is detected in “Self Diagnostic Result” of “Side radar (Rear right)”.

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	
U1DAE	82	Sonar control unit	Diagnosis condition	Vehicle: READY
			Signal (terminal)	—
			Threshold	If around view monitor control unit detects an error signal that is received from sonar control unit via CAN communication
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- Sonar control unit
- Around view monitor control unit

FAIL-SAFE

The following systems are canceled.

- Lane keep function*
- Lane change support function
- Overtaking support function
- Route driving support function
- AEB
- RAB
- I-FCW
- TSR

*: ProPILOT Assist 2.0 display is blue

1. CHECK DTC PRIORITY

If DTC “U1DAE-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>>

[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 “U1DAE-82” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U1DAE-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 “U1DAE-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. CHECK SONAR CONTROL UNIT SELF-DIAGNOSIS RESULTS

Check if any DTC is detected in “Self Diagnostic Result” of “SONAR”.

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	
U1DAE	83	Sonar control unit	Diagnosis condition	Vehicle: READY
			Signal (terminal)	—
			Threshold	If around view monitor control unit detects an error signal that is received from sonar control unit via CAN communication
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- Sonar control unit
- Around view monitor control unit

FAIL-SAFE

The following systems are canceled.

- Lane keep function*
- Lane change support function
- Overtaking support function
- Route driving support function
- AEB
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*: ProPILOT Assist 2.0 display is blue