

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 Micra 5 Doors OEM Service and Repair Workshop Manual

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1. CHECK DTC PRIORITY

If DTC “U1DB8-83” 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. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U1DB8-83” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U1DB8-83” 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 “U1DB8-83” 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. PERFORM SELF-DIAGNOSIS OF SONAR CONTROL UNIT

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	
U1DB8	87	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

None

1. CHECK DTC PRIORITY

If DTC “U1DB8-87” 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 “U1DB8-87” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U1DB8-87” 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 “U1DB8-87” 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. PERFORM SELF-DIAGNOSIS OF SONAR CONTROL UNIT

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	
B2A0B-86	Vehicle speed sensor	Diagnosis condition	When power switch is ON
		Signal (terminal)	CAN communication signal
		Threshold	Received the vehicle speed signals (wheel speed) from ABS actuator and electric unit (control unit) are inconsistent
		Diagnosis delay time	3 seconds or more

POSSIBLE CAUSE

- Wheel speed sensor
- ABS actuator and electric unit (control unit)
- Around view monitor control unit

FAIL-SAFE

MOD (Moving Object Detection) function is cancel

DTC CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC B2A0B-86 is displayed with DTC U2148-87, first perform the confirmation procedure (trouble diagnosis) for DTC U2148-87.

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. Set the vehicle to READY
2. Drive the vehicle at 30 km/h (19 MPH) or more.

CAUTION:
Always drive safely.

3. Stop the vehicle.
4. Check if the “B2A0B-86” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “B2A0B-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 “U2148-87” is detected other than “B2A0B-86” in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U2148-87” detected?

YES>>

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

NO>>

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2. CHECK ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) SELF-DIAGNOSIS RESULTS

 With CONSULT

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

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		
B2A2D	23	ProPILOT Park switch	1	Diagnosis condition	When power switch is ON
				Signal (terminal)	ProPILOT Park switch signal (terminal #9 and #12)
				Threshold	Both the ProPILOT Park switch ON signal and the ProPILOT Park switch OFF signal are Ground input (0 V)
				Diagnosis delay time	10 minutes or more
			2	Diagnosis condition	When power switch is ON
				Signal (terminal)	ProPILOT Park switch signal (terminal #9 and #12)
				Threshold	Both the ProPILOT Park switch ON signal and the ProPILOT Park switch OFF signal are Open input (Approximately 3 V or more)
				Diagnosis delay time	10 minutes or more

POSSIBLE CAUSE

- Harness
- ProPILOT Park switch
- Around view monitor control unit

FAIL-SAFE

The following systems are canceled.

- ProPILOT Park