

Your Ultimate Source for OEM Repair Manuals

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2016 NISSAN Micra OEM Service and Repair Workshop Manual

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1. PERFORM CONFIRMATION PROCEDURE AGAIN

 With CONSULT

1. Turn power switch ON.
2. Erase DTC.
3. Perform confirmation procedure again. Refer to [Confirmation Procedure](#).

Is DTC B2E61-06 detected?

YES>>

Replace TCU. Refer to [Removal & Installation](#).

NO>>

INSPECTION END

Sample

DTC DETECTION LOGIC

DTC No.	CONSULT screen terms	DTC detection condition	
U0074-00	Control module communication Bus B Off	Diagnosis condition	When power switch is ON
		Signal (terminal)	AV communication signal
		Threshold	Transmission or reception error
		Diagnosis delay time	1 second or more

POSSIBLE CAUSE


AV communication circuit

FAIL-SAFE

Telematics system does not operate

Sample

1. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Turn power switch ON.
2. Turn power switch OFF and wait at least 30 seconds.
3. Turn power switch ON and wait at least 30 seconds or more.
4. Select “Self Diagnostic Result” mode of “IVC” using CONSULT.
5. Check DTC.

Is DTC U0074-00 detected?

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 TCU POWER SUPPLY AND GROUND CIRCUIT

Check TCU power supply and ground circuit. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Repair or replace malfunctioning parts.

2. CHECK AV COMMUNICATION CIRCUIT (1)

1. Turn power switch OFF.

2. Disconnect following unit harness connector.

- AV control unit
- Display unit
- Combination meter
- Head up display unit
- Multifunction switch
- TCU

3. Check the continuity between AV control unit harness connector and TCU harness connector.

AV control unit		TCU		Continuity
Connector	Terminal	Connector	Terminal	
M51	51	M145	26	Existed
	52			
	71		27	
	72			

Is the inspection result normal?

YES>>

[GO TO 3.](#)

NO>>

Repair or replace harness or connector.

3. CHECK AV COMMUNICATION CIRCUIT (2)

Check the continuity between TCU harness connector terminals.

TCU		Continuity
Connector	Terminal	
<u>M145</u>	26 27	Not existed

Is the inspection result normal?

YES>>

Replace TCU. Refer to [Removal & Installation](#).

NO>>

Repair or replace harness or connector.

Sample

DESCRIPTION

CAN (Controller Area Network) is a serial communication line for real-time application. It is an onvehicle multiplex communication line with high data communication speed and excellent error detection ability. Many electronic control units are equipped onto a vehicle, and each control unit shares information and links with other control units during operation (not independently). In CAN communication, control units are connected with 2 communication lines (CAN-H, CAN-L) allowing a high rate of information transmission with less wiring. Each control unit transmits/receives data but selectively reads required data only. CAN Communication Signal Chart. Refer to [CAN Communication Signal Chart](#).

DTC DETECTION LOGIC

DTC No.	CONSULT screen terms	DTC detection condition	
U0079-00	Control module communication Bus G Off	Diagnosis condition	When power switch is ON
		Signal (terminal)	CAN communication signal
		Threshold	Transmission or reception error
		Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

CAN communication system

FAIL-SAFE

Telematics system does not operate

1. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Turn power switch ON.
2. Turn power switch OFF and wait at least 30 seconds.
3. Turn power switch ON and wait at least 30 seconds or more.
4. Select “Self Diagnostic Result” mode of “IVC” using CONSULT.
5. Check DTC.

Is DTC U0079-00 detected?

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. PERFORM CONFIRMATION PROCEDURE AGAIN

 With CONSULT

1. Turn power switch ON.
2. Erase DTC.
3. Perform confirmation procedure again. Refer to [Confirmation Procedure](#).

Is DTC U0079-00 detected?

YES>>

Perform the trouble diagnosis for CAN communication system. Refer to [Trouble Diagnosis Flow Chart](#).

NO>>

INSPECTION END

Sample

DESCRIPTION

CAN (Controller Area Network) is a serial communication line for real time applications. It is an on-vehicle multiplex communication line with high data communication speed and excellent error detection ability. Modern vehicle is equipped with many electronic control unit, and each control unit shares information and links with other control units during operation (not independent). In CAN communication, control units are connected with 2 communication lines (CAN H-line, CAN L-line) allowing a high rate of information transmission with less wiring. Each control unit transmits/receives data but selectively reads required data only. CAN Communication Signal Chart.

Refer to [CAN Communication Signal Chart](#).

DTC DETECTION LOGIC

DTC No.	CONSULT screen terms	DTC detection condition	
U2118-87	CAN communication error (Intelligent Key)	Diagnosis condition	When power switch ON
		Signal (terminal)	CAN communication signal
		Threshold	Transmission or reception error
		Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

CAN communication system

FAIL-SAFE

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