

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.

2014 NISSAN Juke Nismo OEM Service and Repair Workshop Manual

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DTC Diagnosis Procedure

SIEMD-7199143

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

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detecting condition	
U2143	87	CAN communication error (VCM/HCM)	Diagnosis condition	Power switch ON
			Signal	—
			Threshold	A specified amount of time has passed since a CAN signal that should have been received from HEVC was cut-off
			Detection time	2 seconds

POSSIBLE CAUSE

CAN communication circuit

FAIL-SAFE

Quick charge is stopped

1. CHECK DTC PRIORITY

If DTC U2143-87 is displayed with B2B03-96, first perform the trouble diagnosis for B2B03-96.

Is applicable DTC detected?

YES>>

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

NO>>

[GO TO 2](#).

2. PRECONDITIONING

1. Erase “self-diagnostic result” in “CALCULATOR POWER LINE COMMUNICATION” using CONSULT.
2. Turn the power switch OFF with the driver's side door open, get out of the vehicle, close the driver's side door and wait for at least 3 minutes.

CAUTION:

Since the auto ACC function causes the accessory power to be turned ON, do not perform any vehicle operation including locking the doors or opening and closing of the doors while waiting.

3. Check that 12V battery voltage is 11 V or more.

>>

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3. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Power switch ON and wait for at least 5 seconds.
2. Check “self-diagnostic result” in “CALCULATOR POWER LINE COMMUNICATION” using CONSULT.

Is DTC 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

DTC Diagnosis Procedure

SIEMD-7199136

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

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detecting condition	
U0079	00	Control module communication Bus G Off	Diagnosis condition	Power switch ON
			Signal	—
			Threshold	When a vehicle CAN communication system error is detected
			Detection time	2 seconds

POSSIBLE CAUSE

CAN communication circuit

FAIL-SAFE

Quick charge is stopped

1. CHECK DTC PRIORITY

If DTC U0079-00 is displayed with B2B03-96, first perform the trouble diagnosis for B2B03-96.

Is applicable DTC detected?

YES>>

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

NO>>

[GO TO 2](#).

2. PRECONDITIONING

1. Erase “self-diagnostic result” in “CALCULATOR POWER LINE COMMUNICATION” using CONSULT.
2. Turn the power switch OFF with the driver's side door open, get out of the vehicle, close the driver's side door and wait for at least 3 minutes.

CAUTION:

Since the auto ACC function causes the accessory power to be turned ON, do not perform any vehicle operation including locking the doors or opening and closing of the doors while waiting.

3. Check that 12V battery voltage is 11 V or more.

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[GO TO 3](#).

3. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Power switch ON and wait for at least 5 seconds.
2. Check “self-diagnostic result” in “CALCULATOR POWER LINE COMMUNICATION” using CONSULT.

Is DTC 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

DTC Diagnosis Procedure

SIEMD-7199133

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

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detecting condition	
P1ABF	05	Internal error	Diagnosis condition	READY, AUTO ACC or power switch ON
			Signal	—
			Threshold	An error in the DC/DC converter internal system is detected.
			Detection time	1 second

POSSIBLE CAUSE

DC/DC converter

FAIL-SAFE

DC/DC converter output is stopped

Sample

1. PRECONDITIONING

- Press the power switch OFF with the driver's side door open, get out of the vehicle, close the driver's side door and wait for at least 4 minutes.

CAUTION:

Since the auto ACC function causes the accessory power to be turned ON, do not perform any vehicle operation including locking the doors or opening and closing of the doors while waiting.

- Check that 12 V battery voltage is 11 V or more.

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2. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Erase “self-diagnostic result” in “DC/DC CONVERTER” using CONSULT.
2. Set the vehicle to READY and wait at least 1 second.
3. Check “self-diagnostic result” in “DC/DC CONVERTER” using CONSULT.

Is DTC 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