

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 Cube Service and Repair Manual

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DTC Diagnosis Procedure

SIEMD-7199065

Perform Configuration. Refer to [Work Procedure](#).

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detecting condition	
B2B03	96	Internal error	Diagnosis condition	Power switch ON
			Signal	—
			Threshold	When an internal error is detected
			Detection time	5 seconds

POSSIBLE CAUSE

CPLC

FAIL-SAFE

Not applicable

Sample

1. 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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2. 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

1. PERFORM DTC CONFIRMATION PROCEDURE AGAIN

 With CONSULT

Perform DTC confirmation procedure again. Refer to [Confirmation Procedure](#).

Is DTC B2B03-96 detected again?

YES>>

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

NO>>

INSPECTION END

Sample

DTC DETECTION LOGIC

CAUTION:

This DTC may be detected when there is a quick charger malfunction. Therefore, if this DTC is detected, check the quick charger for any malfunction.

DTC		CONSULT screen terms	DTC detecting condition	
B2B05	16	Voltage too low	Diagnosis condition	Power switch ON
			Signal	—
			Threshold	12V battery voltage is too low
			Detection time	5 seconds

POSSIBLE CAUSE

- VCM
- Quick charger
- CPLC
- 12V battery

FAIL-SAFE

Not applicable

1. CHECK DTC PRIORITY

If DTC B2B05-16 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>>

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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.

>>

[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

1. PERFORM VCM DIAGNOSIS

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

Is DTC detected?

YES>>

Perform the trouble shooting relevant to the DTC indicated.

NO>>

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2. CHECK 12V BATTERY

Check the 12V battery. Refer to [Work Flow](#).

Is the inspection result normal?

YES>>

[GO TO 3.](#)

NO>>

Replace 12V battery. Refer to [12V BATTERY : Removal & Installation](#).

3. CHECK QUICK CHARGER HARNESS

Check quick charger harness.

Is the inspection result normal?

YES>>

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NO>>

Repair or replace error-detected parts.

4. CHECK QUICK CHARGER

Check quick charger for any malfunction.



NOTE:

Refer to the instruction manual of the used quick charger.

Is the inspection result normal?

YES>>

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

NO>>

Repair or replace error-detected parts.

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detecting condition	
B2B05	17	Voltage too low	Diagnosis condition	Power switch ON
			Signal	—
			Threshold	12V battery voltage is too low
			Detection time	5 seconds

POSSIBLE CAUSE

- VCM
- Quick charger
- CPLC
- 12V battery

FAIL-SAFE

Not applicable

1. CHECK DTC PRIORITY

If DTC B2B05-17 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>>

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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