

# 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 Frontier Service and Repair Manual

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## 1. PERFORM BCM DIAGNOSIS

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

Is DTC detected?

YES>>

Perform the trouble shooting relevant to the DTC indicated.

NO>>

[GO TO 2.](#)

## 2. PERFORM DTC CONFIRMATION PROCEDURE AGAIN

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 With CONSULT

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

Is DTC B2B02-87 detected again?

YES>>

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

NO>>

INSPECTION END

## DTC DETECTION LOGIC

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DTC		CONSULT screen terms	DTC detecting condition	
B2B0C	68	Communication error	Diagnosis condition	During quick charge
			Signal	—
			Threshold	When a PLC communication parameter error is detected
			Detection time	—

## POSSIBLE CAUSE

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- VCM
- CPLC
- Quick charger

## FAIL-SAFE

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Quick charge is stopped

## 1. CHECK DTC PRIORITY

---

If DTC B2B0C-68 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

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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. Perform quick charge for at least 10 seconds.
2. Power switch ON and wait for at least 5 seconds.
3. 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>>

[GO TO 2.](#)

## 2. CHECK QUICK CHARGER HARNESS

---

Check quick charger harness.

Is the inspection result normal?

YES>>

[GO TO 3.](#)

NO>>

Repair or replace error-detected parts.

## 3. 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>>

[GO TO 4.](#)

NO>>

Repair or replace error-detected parts.

## 4. CHECK CPLC

---

Perform CPLC inspection. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

Check intermittent incident. Refer to [Intermittent Incident](#).

NO>>

Repair or replace error-detected parts.

**DTC DETECTION LOGIC**

DTC		CONSULT screen terms	DTC detecting condition	
B2B0D	68	Communication error	Diagnosis condition	During quick charge
			Signal	—
			Threshold	When a PLC communication parameter error is detected
			Detection time	—

**POSSIBLE CAUSE**

- VCM
- CPLC
- Quick charger

**FAIL-SAFE**

Quick charge is stopped

## 1. CHECK DTC PRIORITY

---

If DTC B2B0D-68 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.

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[GO TO 3.](#)

## 3. PERFORM DTC CONFIRMATION PROCEDURE

---

 With CONSULT

1. Perform quick charge for at least 10 seconds.
2. Power switch ON and wait for at least 5 seconds.
3. 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>>

[GO TO 2.](#)

## 2. CHECK QUICK CHARGER HARNESS

---

Check quick charger harness.

Is the inspection result normal?

YES>>

[GO TO 3.](#)

NO>>

Repair or replace error-detected parts.

## 3. CHECK QUICK CHARGER

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Check quick charger for any malfunction.



**NOTE:**

**Refer to the instruction manual of the used quick charger.**

Is the inspection result normal?

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[GO TO 4.](#)

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Repair or replace error-detected parts.

## 4. CHECK CPLC

---

Perform CPLC inspection. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

Check intermittent incident. Refer to [Intermittent Incident](#).

NO>>

Repair or replace error-detected parts.



## DTC DETECTION LOGIC

---

DTC		CONSULT screen terms	DTC detecting condition	
B2B0E	68	Communication error	Diagnosis condition	Power switch ON
			Signal	—
			Threshold	When a PLC communication parameter error is detected
			Detection time	—

## POSSIBLE CAUSE

---

- VCM
- CPLC
- Quick charger

## FAIL-SAFE

---

Quick charge is stopped

## 1. CHECK DTC PRIORITY

---

If DTC B2B0E-68 is displayed with B2B03-96, first perform the trouble diagnosis for B2B03-96.

Is applicable DTC detected?

YES>>

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NO>>

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## 2. PRECONDITIONING

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## 3. PERFORM DTC CONFIRMATION PROCEDURE

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NO-1>>

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NO-2>>

Confirmation after repair: INSPECTION END