

# 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 GT-R Service and Repair Manual

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## 1. PERFORM VCM DIAGNOSIS

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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

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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

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**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 |  |
|-------|----|----------------------|-------------------------|--|
| B2B1D | 87 | Communication error  | Diagnosis condition     | During quick charge                                      |
|       |    |                      | Signal                  | —  |
|       |    |                      | Threshold               | When communication with the quick charger is interrupted |
|       |    |                      | Detection time          | —  |

## POSSIBLE CAUSE

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- VCM
- Quick charger
- CPLC

## FAIL-SAFE

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Stop quick charge

## 1. CHECK DTC PRIORITY

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If DTC B2B1D-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

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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

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 With CONSULT

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

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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

---

**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 |   |
|-------|----|----------------------|-------------------------|---|
| B2B1F | 04 | Communication error  | Diagnosis condition     | During quick charge                                     |
|       |    |                      | Signal                  | —   |
|       |    |                      | Threshold               | When a communication error with the charger is detected |
|       |    |                      | Detection time          | —   |

## POSSIBLE CAUSE

---

- VCM
- Quick charger
- CPLC

## FAIL-SAFE

---

Quick charge is stopped

## 1. CHECK DTC PRIORITY

---

If DTC B2B1F-04 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.

>>

[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 10 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

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

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Is the inspection result normal?

YES>>

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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?

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 |  |
|-------|----|-------------------------------|-------------------------|--|
| U214F | 87 | CAN communication error (BCM) | Diagnosis condition     | Power switch ON  |
|       |    |                               | Signal                  | —  |
|       |    |                               | Threshold               | A specified amount of time has passed since a CAN signal that should have been received from BCM was cut-off |
|       |    |                               | Detection time          | 2 seconds  |

**POSSIBLE CAUSE**

CAN communication circuit

**FAIL-SAFE**

Quick charge is stopped

Sample

## 1. CHECK DTC PRIORITY

---

If DTC U214F-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.

>>

[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