

# 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.

## 2019 Nissan Frontier Service and Repair Manual

[Go to manual page](#)

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

Sample

## 1. CHECK SELF-DIAGNOSIS RESULTS

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Check if any DTC other than “C1F00-44”, “C1F00-45”, “C1F00-46”, “C1F00-47”, “C1F00-49”, “C1F00-71”, “C1F00-87” and “C1F96-29” is detected in “Self Diagnostic Result” of “ICC/ADAS 2”.

Is any DTC detected?

YES >>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to .

NO >>

Replace the ADAS control unit 2. Refer to .

Sample

## DTC DETECTION LOGIC

| DTC   |    | CONSULT screen terms<br>(Trouble diagnosis content) | DTC detection condition |  |
|-------|----|---|-------------------------|--|
| C1F00 | 49 | CONTROL UNIT<br>(Control unit)                      | Diagnosis condition     | When vehicle is READY                    |
|       |    |   | Signal (terminal)       | —  |
|       |    |   | Threshold               | ADAS control unit 2 internal malfunction |
|       |    |   | Diagnosis delay time    | 1 second or less                         |

## POSSIBLE CAUSE

ADAS control unit 2

## FAIL-SAFE

The following systems are canceled.

- Vehicle speed & vehicle-to-vehicle control function
- Lane keep function\*1
- Lane keep function\*2
- Lane change support function
- Overtaking support function
- Route driving support function
- AEB
- RAB
- I-FCW
- I-LI
- I-BSI
- TSR
- I-DA

\*1: ProPILOT Assist 2.0 display is green

\*2: ProPILOT Assist 2.0 display is blue

## CONFIRMATION PROCEDURE

### 1. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1F00-49” is detected as the current malfunction in “Self Diagnostic Result” of “ICC/ADAS 2”.

Is “C1F00-49” detected as the current malfunction?

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

Sample

## 1. CHECK SELF-DIAGNOSIS RESULTS

---

Check if any DTC other than “C1F00-44”, “C1F00-45”, “C1F00-46”, “C1F00-47”, “C1F00-49”, “C1F00-71”, “C1F00-87” and “C1F96-29” is detected in “Self Diagnostic Result” of “ICC/ADAS 2”.

Is any DTC detected?

YES >>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to [DTC Index](#).

NO >>

Replace the ADAS control unit 2. Refer to [Removal and Installation](#).

Sample

## DTC DETECTION LOGIC

| DTC   |    | CONSULT screen terms<br>(Trouble diagnosis content) | DTC detection condition |  |
|-------|----|---|-------------------------|--|
| C1F00 | 49 | CONTROL UNIT<br>(Control unit)                      | Diagnosis condition     | When vehicle is READY                    |
|       |    |   | Signal (terminal)       | —  |
|       |    |   | Threshold               | ADAS control unit 2 internal malfunction |
|       |    |   | Diagnosis delay time    | 1 second or less                         |

## POSSIBLE CAUSE

ADAS control unit 2

## FAIL-SAFE

The following systems are canceled.

- Vehicle-to-vehicle distance control mode
- Conventional (fixed speed) cruise control mode
- Steering wheel assistance function
- AEB
- RAB
- I-FCW
- I-LI
- I-BSI
- TSR
- I-DA

## CONFIRMATION PROCEDURE

### 1. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1F00-49” is detected as the current malfunction in “Self Diagnostic Result” of “ICC/ADAS 2”.

Is “C1F00-49” detected as the current malfunction?

YES >>

Refer to [DTC Diagnosis Procedure](#).

NO-1 >>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2 >>

Sample



## 1. CHECK SELF-DIAGNOSIS RESULTS

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Check if any DTC other than “C1F00-1C”, “C1F00-44”, “C1F00-45”, “C1F00-46”, “C1F00-49”, “C1F00-71” and “C1F00-87” is detected in “Self Diagnostic Result” of “ICC/ADAS 2”.

Is any DTC detected?

YES >>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to [DTC Index](#).

NO >>

Replace the ADAS control unit 2. Refer to [Removal and Installation](#).

Sample

## DTC DETECTION LOGIC

| DTC   |    | CONSULT screen terms<br>(Trouble diagnosis content) | DTC detection condition |  |
|-------|----|---|-------------------------|--|
| C1F00 | 4B | CONTROL UNIT<br>(Control unit)                      | Diagnosis condition     | When vehicle is READY                    |
|       |    |   | Signal (terminal)       | —  |
|       |    |   | Threshold               | ADAS control unit 2 internal malfunction |
|       |    |   | Diagnosis delay time    | 1 second or less                         |

## POSSIBLE CAUSE

ADAS control unit 2

## FAIL-SAFE

The following systems are canceled.

- Vehicle speed & vehicle-to-vehicle control function
- Lane keep function\*1
- Lane keep function\*2
- Lane change support function
- Overtaking support function
- Route driving support function
- AEB
- RAB
- I-FCW
- I-LI
- I-BSI
- TSR
- I-DA

\*1: ProPILOT Assist 2.0 display is green

\*2: ProPILOT Assist 2.0 display is blue

## CONFIRMATION PROCEDURE

### 1. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1F00-4B” is detected as the current malfunction in “Self Diagnostic Result” of “ICC/ADAS 2”.

Is “C1F00-4B” detected as the current malfunction?