

# 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 Maxima Service and Repair Manual

[Go to manual page](#)

## 1. CHECK STOP LAMP CIRCUIT

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Check the stop lamp circuit. Refer to [Component Inspection](#).

Is the inspection result normal?

YES >>

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

NO >>

Repair or replace the malfunction part.

Sample

## DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1F03	73	OPERATION SW CIRC (Operation switch circuit)	Diagnosis condition	When vehicle is READY
			Signal (terminal)	Stop lamp request signal
			Threshold	Stop lamp inactive state despite the outputting of a stop lamp request signal from ADAS control unit 2
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

- BCM
- 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. CHECK DTC PRIORITY

If DTC “C1F03-73” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES >>

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

NO >>

## 2. PERFORM DTC CONFIRMATION PROCEDURE

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 **NOTE:**  
**To prevent the possibility of accident, perform component function check instead of DTC confirmation procedure.**

1. Set the vehicle to READY.
2. Perform the active test items “STOP LAMP 1” and “STOP LAMP 2” of “BCM” with CONSULT.

Is the inspection result normal?

YES-1>>

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

YES-2>>

Confirmation after repair: INSPECTION END

NO >>

Refer to [DTC Diagnosis Procedure](#).

Sample

## 1. CHECK STOP LAMP CIRCUIT

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Check the stop lamp circuit. Refer to [Component Function Check](#).

Is the inspection result normal?

YES >>

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

NO >>

Repair or replace the malfunction part.

Sample

## DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1F5F	04	Distance sensor (Distance sensor)	Diagnosis condition	<ul style="list-style-type: none"> <li>When vehicle is READY</li> <li>When MAIN switch of ProPILOT Assist 2.0 system is ON</li> </ul>
			Signal (terminal)	CAN communication signal
			Threshold	Distance sensor is malfunctioning
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

- Distance sensor
- ADAS control unit 2

## FAIL-SAFE

The following systems are canceled.

- Vehicle speed & vehicle-to-vehicle control function
- Lane keep function<sup>\*1</sup>
- Lane keep function<sup>\*2</sup>
- Lane change support function
- Overtaking support function
- Route driving support function
- AEB
- I-FCW
- TSR

\*1: ProPILOT Assist 2.0 display is green

\*2: ProPILOT Assist 2.0 display is blue

## CONFIRMATION PROCEDURE

### 1. CHECK DTC PRIORITY

If DTC "C1F5F-04" is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

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

NO>>

[GO TO 2.](#)

## 2. PERFORM DTC CONFIRMATION PROCEDURE

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1. Set the vehicle to READY.
2. Turn the MAIN switch of ProPILOT Assist 2.0 system ON.
3. Perform “All DTC Reading” with CONSULT.
4. Check if the “C1F5F-04” is detected as the current malfunction in “Self Diagnostic Result” of “ICC/ADAS 2”.

Is “C1F5F-04” 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 DTC PRIORITY

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If DTC “C1F5F-04” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#)(Without ProPILOT Assist 2.0) or [DTC Index](#)(With ProPILOT Assist 2.0).

NO>>

[GO TO 2.](#)

## 2. PERFORM SELF-DIAGNOSIS OF DISTANCE SENSOR

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Check if any DTC is detected in “Self Diagnostic Result” of “LASER/RADAR”.

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](#)(Without ProPILOT Assist 2.0) or [Removal and Installation](#)(With ProPILOT Assist 2.0).



## DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1F5F	04	Distance sensor (Distance sensor)	Diagnosis condition	<ul style="list-style-type: none"> <li>When vehicle is READY</li> <li>When MAIN switch of ProPILOT Assist system is ON</li> </ul>
			Signal (terminal)	CAN communication signal
			Threshold	Distance sensor is malfunctioning
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

- Distance sensor
- 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
- I-FCW
- RAB
- I-LI
- I-BSI
- TSR
- I-DA

## CONFIRMATION PROCEDURE

### 1. CHECK DTC PRIORITY

If DTC "C1F5F-04" is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

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

NO>>

[GO TO 2.](#)

## 2. PERFORM DTC CONFIRMATION PROCEDURE

---

1. Set the vehicle to READY.
2. Turn the MAIN switch of ProPILOT Assist system ON.
3. Perform “All DTC Reading” with CONSULT.
4. Check if the “C1F5F-04” is detected as the current malfunction in “Self Diagnostic Result” of “ICC/ADAS 2”.

Is “C1F5F-04” 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