

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 Micra Service and Repair Manual

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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 DISTANCE SENSOR SELF-DIAGNOSIS RESULTS

Check if the “C2580-4B” is detected as the current malfunction in “Self Diagnostic Result” of “LASER/RADAR”.

Is applicable DTC detected?

YES >>

Refer to [DTC Description](#).

NO >>

Replace ADAS control unit 2. Refer to [Removal and Installation](#)(Without ProPILOT Assist 2.0) or [Removal and Installation](#)(With ProPILOT Assist 2.0).

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1F5F	4B	Distance sensor (Distance sensor)	Diagnosis condition	When vehicle is READY
			Signal (terminal)	CAN communication signal
			Threshold	Temperature around distance sensor is excessively high
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- Temperature around the distance sensor becomes extremely high
- 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. PERFORM DTC CONFIRMATION PROCEDURE

1. Turn the power switch OFF.
2. Wait for 10 minutes or more to cool the distance sensor.
3. Set the vehicle to READY.
4. Perform "All DTC Reading" with CONSULT.
5. Check if the "C1F5F-4B" is detected as the current malfunction in "Self Diagnostic Result" of "ICC/ADAS 2".

Is "C1F5F-4B" 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

DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1F5F	78	Distance sensor (Distance sensor)	Diagnosis condition	When vehicle is READY
			Signal (terminal)	Distance sensor signal
			Threshold	Distance sensor is off the alignment point
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

Radar alignment is off the aiming point

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
- I-FCW
- TSR

*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 “C1F5F-78” is detected as the current malfunction in “Self Diagnostic Result” of “ICC/ADAS 2”.

Is “C1F5F-78” 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 DISTANCE SENSOR SELF-DIAGNOSIS RESULTS

1. Perform “All DTC Reading” with CONSULT.
2. Check if the “C2581-78” is detected as the current malfunction in “Self Diagnostic Result” of “LASER/RADAR”.

Is “C2581-78” detected?

YES>>

Refer to [DTC Description](#).

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).

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1F5F	78	Distance sensor (Distance sensor)	Diagnosis condition	When vehicle is READY
			Signal (terminal)	Distance sensor signal
			Threshold	Distance sensor is off the alignment point
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

Radar alignment is off the aiming point

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
- TSR

CONFIRMATION PROCEDURE

1. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.
2. Perform "All DTC Reading" with CONSULT.
3. Check if the "C1F5F-78" is detected as the current malfunction in "Self Diagnostic Result" of "ICC/ADAS 2".

Is "C1F5F-78" 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

DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1F5F	82	Distance sensor (Distance sensor)	Diagnosis condition	When vehicle is READY
			Signal (terminal)	Distance sensor signal
			Threshold	If ADAS control unit 2 detects an error signal that is received from distance sensor via CAN communication
			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*¹
- Lane keep function*²
- 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-82” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>