

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 Murano Service and Repair Manual

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

NO>>

[GO TO 2](#).

2. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1F5F-82” is detected as the current malfunction in “Self Diagnostic Result” of “ICC/ADAS 2”.

Is “C1F5F-82” 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

If DTC “C1F5F-82” 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

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

CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC “C1F5F-82” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

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Is “C1F5F-82” 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	83	Distance sensor (Distance sensor)	Diagnosis condition	Set the vehicle to READY
			Signal (terminal)	Distance sensor signal
			Threshold	ADAS control unit 2 received invalid data 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

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NO-1>>

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Confirmation after repair: INSPECTION END

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

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

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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	83	Distance sensor (Distance sensor)	Diagnosis condition	When vehicle is READY
			Signal (terminal)	Distance sensor signal
			Threshold	ADAS control unit 2 received invalid data 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-to-vehicle distance control mode
- Conventional (fixed speed) cruise control mode
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CONFIRMATION PROCEDURE

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