

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.

2022 NISSAN Micra Service and Repair Manual

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CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC “C2529-86” 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. Turn the power switch ON, and then wait for 5 seconds or more.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C2529-86” is detected as the current malfunction on the self-diagnosis results of “LANE CAMERA”.

Is “C2529-86” 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

1. CHECK DTC PRIORITY

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Is applicable DTC detected?

YES >>

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

NO >>

[GO TO 2.](#)

2. CHECK AIR BAG DIAGNOSIS SENSOR UNIT SELF DIAGNOSTIC RESULT

Perform “Self Diagnostic Result” of “AIR BAG” using CONSULT.

Are any DTCs detected?

YES >>

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

NO >>

Replace front camera unit. Refer to [Removal and Installation](#)(Without ProPILOT Assist 2.0) or [Removal and Installation](#)(With ProPILOT Assist 2.0).

DTC DETECTION LOGIC

DTC No.	CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
		Diagnosis condition	
C2529-87	Air bag diagnosis sensor unit	Diagnosis condition	When power switch is ON.
		Signal (terminal)	CAN communication signal
		Threshold	Front camera unit detects that air bag diagnosis sensor unit has a malfunction.
		Diagnosis delay time	5 seconds or more

POSSIBLE CAUSE

Air bag diagnosis sensor unit

FAIL-SAFE

The following functions are suspended.

- Vehicle-to-vehicle distance control mode^{*1}
- Steering wheel assistance function^{*1}
- Conventional (fixed speed) cruise control mode^{*1}
- Vehicle speed & vehicle-to-vehicle control function^{*2}
- Lane keep function^{*2,3}
- Lane keep function^{*2,4}
- Lane change support function^{*2}
- Overtaking support function^{*2}
- Route driving support function^{*2}
- AEB
- LDW
- I-LI
- I-BSI
- TSR

*1: With ProPILOT Assist, Without ProPILOT Assist 2.0

*2: With ProPILOT Assist 2.0

*3: ProPILOT Assist 2.0 display is green

*4: ProPILOT Assist 2.0 display is blue

CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC “C2529-87” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES >>

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NO >>

[GO TO 2.](#)

2. PERFORM DTC CONFIRMATION PROCEDURE

1. Turn the power switch ON, and then wait for 5 seconds or more.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C2529-87” is detected as the current malfunction on the self-diagnosis results of “LANE CAMERA”.

Is “C2529-87” 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

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If DTC “C2529-87” is displayed with Network-DTC, first diagnose the Network-DTC.

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

NO >>

Replace front camera unit. Refer to [Removal and Installation](#)(Without ProPILOT Assist 2.0) or [Removal and Installation](#)(With ProPILOT Assist 2.0).

1. CHECK FUSE

Check that the following fuse is not blown:

Signal name	Fuse No.
Ignition power supply	53 (10 A)

Is the fuse blown?

YES>>

Replace the blown fuse after repairing the affected circuit.

NO>>

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2. CHECK DISTANCE SENSOR POWER SUPPLY CIRCUIT

Check voltage between distance sensor harness connector and ground.

(+)		(-)		Condition	Standard voltage	Voltage (Approx.)
Distance sensor				Power switch		
Connector	Terminal					
B194	4	Ground		OFF	0 - 0.1 V	0 V
				ON	9.5 - 16 V	Battery voltage

Is the inspection result normal?

YES>>

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NO>>

Repair the distance sensor power supply circuit.

3. CHECK DISTANCE SENSOR GROUND CIRCUIT

1. Turn the power switch OFF.
2. Disconnect the distance sensor connector.
3. Check for continuity between distance sensor harness connector and ground.

Distance sensor		Ground	Continuity
Connector	Terminal		
B194	1		Yes

Is the inspection result normal?

YES>>

Inspection End.

NO>>

Repair the distance sensor ground circuit.

Sample

1. CHECK BRAKE HOLD RELAY

Apply battery voltage to brake hold relay terminals 1 and 2, and then check for continuity under the following conditions.

Brake hold relay		Condition	Continuity
Terminals			
3	5	When the battery voltage is applied	Yes
		When the battery voltage is not applied	No

Is the inspection result normal?

YES>>

Inspection End.

NO>>

Replace brake hold relay.

Sample

1. CHECK FUSES

Check if any of the following fuses are blown:

Signal name	Fuse No.
Power switch power supply	53 (10 A)

Is the inspection result normal?

YES>>

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NO>>

Replace the blown fuse after repairing the affected circuit if a fuse is blown.

2. CHECK FRONT CAMERA UNIT POWER SUPPLY CIRCUIT

Check voltage between front camera unit harness connector and ground.

Terminal		Condition	Voltage (Approx.)
(+)	(-)		
Front camera unit		Power switch	
Connector	Terminal		
R24 ^{*1}	8 ^{*1}	OFF	0 V
R201 ^{*2}	6 ^{*2}	ON	Battery voltage

*1 : Without ProPILOT Assist 2.0

*2 : With ProPILOT Assist 2.0

Is the inspection result normal?

YES>>

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NO>>

Repair the front camera unit power supply circuit.

3. CHECK FRONT CAMERA UNIT GROUND CIRCUIT

1. Turn the power switch OFF.
2. Disconnect the front camera unit connector.
3. Check for continuity between front camera unit harness connector and ground.

Front camera unit		Ground	Continuity
Connector	Terminal		
R24 ^{*1}	5 ^{*1}		Existed