

# 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 Grand Livina Service and Repair Manual

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## 1. CHECK DTC PRIORITY

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If DTC “C2545-82” 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. CHECK ADAS CONTROL UNIT 2 SELF-DIAGNOSIS RESULTS

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Check if any DTC 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](#) (Without ProPILOT Assist 2.0) or [DTC Index](#) (With ProPILOT Assist 2.0).

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	
C2545	83	ADAS control unit	Diagnosis condition	When power switch is ON
			Signal (terminal)	CAN communication signal
			Threshold	Front camera unit detects that ADAS control unit 2 has a malfunction
			Diagnosis delay time	5 seconds or more

## POSSIBLE CAUSE

ADAS control unit 2

## FAIL-SAFE

The following systems are cancelled.

- Vehicle-to-vehicle distance control mode<sup>\*1</sup>
- Steering wheel assistance function<sup>\*1</sup>
- Conventional (fixed speed) cruise control mode<sup>\*1</sup>
- Vehicle speed & vehicle-to-vehicle control function<sup>\*2</sup>
- Lane keep function<sup>\*2,3</sup>
- Lane keep function<sup>\*2,4</sup>
- Lane change support function<sup>\*2</sup>
- Overtaking support function<sup>\*2</sup>
- Route driving support function<sup>\*2</sup>
- 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. PERFORM DTC CONFIRMATION PROCEDURE

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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 “C2545-83” is detected as the current malfunction on the self-diagnosis results of “LANE CAMERA”.

Is “C2545-83” 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 “C2545-83” 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. CHECK ADAS CONTROL UNIT 2 SELF-DIAGNOSIS RESULTS

---

Check if any DTC 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](#) (Without ProPILOT Assist 2.0) or [DTC Index](#) (With ProPILOT Assist 2.0).

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	
C2545	86	ADAS control unit	Diagnosis condition	When power switch is ON
			Signal (terminal)	CAN communication signal
			Threshold	Front camera unit detects that ADAS control unit 2 has a malfunction
			Diagnosis delay time	5 seconds or more

## POSSIBLE CAUSE

ADAS control unit 2

## FAIL-SAFE

The following systems are cancelled.

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

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\*3: ProPILOT Assist 2.0 display is green

\*4: ProPILOT Assist 2.0 display is blue

## CONFIRMATION PROCEDURE

# 1. 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 “C2545-86” is detected as the current malfunction on the self-diagnosis results of “LANE CAMERA”.

Is “C2545-86” 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

Sample

## 1. CHECK DTC PRIORITY

---

If DTC “C2545-86” 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. CHECK ADAS CONTROL UNIT 2 UNIT SELF-DIAGNOSIS RESULTS

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Check if any DTC 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](#) (Without ProPILOT Assist 2.0) or [DTC Index](#) (With ProPILOT Assist 2.0).

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	
C2545	87	ADAS control unit	Diagnosis condition	When power switch is ON
			Signal (terminal)	CAN communication signal
			Threshold	Front camera unit detects that ADAS control unit 2 has a malfunction
			Diagnosis delay time	5 seconds or more

## POSSIBLE CAUSE

ADAS control unit 2

## FAIL-SAFE

The following systems are cancelled.

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

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\*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. 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 “C2545-87” is detected as the current malfunction on the self-diagnosis results of “LANE CAMERA”.

Is “C2545-87” 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

Sample