

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.

2023 NISSAN Grand Livina Service and Repair Manual

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1. PERFORM SIDE RADAR ALIGNMENT

1. Adjust the side radar alignment with CONSULT. Refer to [Work Procedure](#).
2. Erase all self-diagnosis results of “Side radar (Front left)” with CONSULT.
3. Perform “All DTC Reading”.
4. Check if the “C1E50-78” is detected in “Self Diagnostic Result” of “Side radar (Front left)”.

Is “C1E50-78” detected?

YES>>

Replace the side radar front LH. Refer to [Removal and Installation](#).

NO>>

INSPECTION END

Sample

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1E52	16	Power supply circuit	Diagnosis condition	When vehicle is READY
			Signal (terminal)	Power switch ON power supply (#8)
			Threshold	7.9 V or less
			Diagnosis delay time	5 seconds or more

POSSIBLE CAUSE

- Connector, harness, fuse
- Side radar front LH
- Power supply circuit

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

*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, and then wait for 5 seconds or more.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1E52-16” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Front left)”.

Is “C1E52-16” 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 SIDE RADAR FRONT LH POWER SUPPLY AND GROUND CIRCUIT

Check power supply and ground circuit of side radar front LH. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

Replace the side radar front LH. Refer to [Removal and Installation](#).

NO>>

Repair or replace the malfunctioning parts.

Sample

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1E52	17	Power supply circuit	Diagnosis condition	When vehicle is READY
			Signal (terminal)	Power switch ON power supply (#8)
			Threshold	19.3 V or more
			Diagnosis delay time	5 seconds or more

POSSIBLE CAUSE

- Connector, harness, fuse
- Side radar front LH
- Power supply circuit

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

*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, and then wait for 5 seconds or more.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1E52-17” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Front left)”.

Is “C1E52-17” 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 SIDE RADAR FRONT LH POWER SUPPLY AND GROUND CIRCUIT

Check power supply and ground circuit of side radar front LH. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

Replace the side radar front LH. Refer to [Removal and Installation](#).

NO>>

Repair or replace the malfunctioning parts.

Sample

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1E41	12	Incorrect installation location	Diagnosis condition	When power switch is ON.
			Signal (terminal)	—
			Threshold	When a side radar with registered position information other than the side radar front LH is connected to the side radar front LH connector
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

A side radar with registered position information other than the side radar front LH is connected to the side radar front LH connector

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

*1: ProPILOT Assist 2.0 display is green

*2: ProPILOT Assist 2.0 display is blue

CONFIRMATION PROCEDURE

1. PERFORM DTC CONFIRMATION PROCEDURE

1. Turn power switch ON.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1E41-12” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Front left)”.

Is the “C1E41-12” 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