

# 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 Cube Service and Repair Manual

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## DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1E40	46	Control unit	Diagnosis condition	When power switch is ON.
			Signal (terminal)	—
			Threshold	If side radar front left is malfunctioning
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

Side radar front LH

## 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 “C1E40-46” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Front left)”.

Is the “C1E40-46” 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 SELF-DIAGNOSIS RESULTS

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Check if any DTC other than “C1E40-44”, “C1E40-45”, “C1E40-46”, “C1E40-47”, “C1E40-48”, and “C1E40-49” is detected in “Self Diagnostic Result” of “Side radar (Front left)”.

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

Sample

## DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1E40	47	Control unit	Diagnosis condition	When power switch is ON.
			Signal (terminal)	—
			Threshold	If side radar front left is malfunctioning
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

Side radar front LH

## FAIL-SAFE

The following systems are canceled.

- Vehicle speed & vehicle-to-vehicle control function
- Lane keep function\*<sup>1</sup>
- Lane keep function\*<sup>2</sup>
- 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 “C1E40-47” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Front left)”.

Is the “C1E40-47” 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 SELF-DIAGNOSIS RESULTS

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Check if any DTC other than “C1E40-44”, “C1E40-45”, “C1E40-46”, “C1E40-47”, “C1E40-48”, and “C1E40-49” is detected in “Self Diagnostic Result” of “Side radar (Front left)”.

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

Sample

## DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1E40	48	Control unit	Diagnosis condition	When power switch is ON.
			Signal (terminal)	—
			Threshold	If side radar front left is malfunctioning
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

Side radar front LH

## FAIL-SAFE

The following systems are canceled.

- Vehicle speed & vehicle-to-vehicle control function
- Lane keep function\*<sup>1</sup>
- Lane keep function\*<sup>2</sup>
- 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 “C1E40-48” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Front left)”.

Is the “C1E40-48” 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 SELF-DIAGNOSIS RESULTS

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Check if any DTC other than “C1E40-44”, “C1E40-45”, “C1E40-46”, “C1E40-47”, “C1E40-48”, and “C1E40-49” is detected in “Self Diagnostic Result” of “Side radar (Front left)”.

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

Sample

## DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1E40	49	Control unit	Diagnosis condition	When power switch is ON.
			Signal (terminal)	—
			Threshold	If side radar front left is malfunctioning
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

Side radar front LH

## FAIL-SAFE

The following systems are canceled.

- Vehicle speed & vehicle-to-vehicle control function
- Lane keep function\*<sup>1</sup>
- Lane keep function\*<sup>2</sup>
- 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 “C1E40–49” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Front left)”.

Is the “C1E40–49” 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 SELF-DIAGNOSIS RESULTS

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Check if any DTC other than “C1E40-44”, “C1E40-45”, “C1E40-46”, “C1E40-47”, “C1E40-48”, and “C1E40-49” is detected in “Self Diagnostic Result” of “Side radar (Front left)”.

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

Sample

## DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1E40	4B	Control unit	Diagnosis condition	When power switch is ON.
			Signal (terminal)	—
			Threshold	Temperature detected by the temperature sensor integrated in side radar front LH remains more than 118 °C
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

Side radar front LH

## FAIL-SAFE

The following systems are canceled.

- Vehicle speed & vehicle-to-vehicle control function
- Lane keep function\*<sup>1</sup>
- Lane keep function\*<sup>2</sup>
- 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 the power switch ON.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1E40-4B” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Front left)”.

Is “C1E40-4B” detected as the current malfunction?

YES>>

Refer to [DTC Diagnosis Procedure](#).

NO-1>>