

# Your Ultimate Source for OEM Repair Manuals

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## 2023 NISSAN Maxima Service and Repair Manual

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## 1. PERFORM THE SELF-DIAGNOSIS OF SIDE RADAR FRONT RH

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1. Erase all self-diagnosis results of “Side radar (Front right)” with CONSULT.
2. Perform DTC confirmation procedure again. Refer to [DTC Description](#).
3. Check if the “U215B-87” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Front right)”.

Is “U215B-87” detected as the current malfunction?

YES>>

Refer to [Trouble Diagnosis Flow Chart](#).

NO>>

INSPECTION END

Sample

## DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1EC0	44	Control unit	Diagnosis condition	When power switch is ON.
			Signal (terminal)	—
			Threshold	If side radar front RH is malfunctioning
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

Side radar front RH

## 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 “C1EC0-44” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Front right)”.

Is the “C1EC0-44” 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 “C1EC0-44”, “C1EC0-45”, “C1EC0-46”, “C1EC0-47”, “C1EC0-48”, and “C1EC0-49” is detected in “Self Diagnostic Result” of “Side radar (Front right)”.

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 RH. Refer to [Removal and Installation](#).

Sample

## DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1EC0	45	Control unit	Diagnosis condition	When power switch is ON.
			Signal (terminal)	—
			Threshold	If side radar front RH is malfunctioning
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

Side radar front RH

## 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

1. Turn power switch ON.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1EC0-45” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Front right)”.

Is the “C1EC0-45” 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 “C1EC0-44”, “C1EC0-45”, “C1EC0-46”, “C1EC0-47”, “C1EC0-48”, and “C1EC0-49” is detected in “Self Diagnostic Result” of “Side radar (Front right)”.

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 RH. Refer to [Removal and Installation](#).

Sample

## DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1EC0	46	Control unit	Diagnosis condition	When power switch is ON.
			Signal (terminal)	—
			Threshold	If side radar front RH is malfunctioning
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

Side radar front RH

## 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

1. Turn power switch ON.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1EC0-46” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Front right)”.

Is the “C1EC0-46” 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 “C1EC0-44”, “C1EC0-45”, “C1EC0-46”, “C1EC0-47”, “C1EC0-48”, and “C1EC0-49” is detected in “Self Diagnostic Result” of “Side radar (Front right)”.

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 RH. Refer to [Removal and Installation](#).

Sample



## DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC検出条件	
C1EC0	47	Control unit	Diagnosis condition	When power switch is ON.
			Signal (terminal)	—
			Threshold	If side radar front RH is malfunctioning
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

Side radar front RH

## 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

1. Turn power switch ON.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1EC0-47” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Front right)”.

Is the “C1EC0-47” 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 “C1EC0-44”, “C1EC0-45”, “C1EC0-46”, “C1EC0-47”, “C1EC0-48”, and “C1EC0-49” is detected in “Self Diagnostic Result” of “Side radar (Front right)”.

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 RH. Refer to [Removal and Installation](#).

Sample