

# 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 Sakura Service and Repair Manual

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**NOTE:**

With the detection of “U216E-87” some systems do not perform the fail-safe operation. A system controlling based on a signal received from the control unit performs fail-safe operation when the communication with the side radar LH becomes inoperable.

## CONFIRMATION PROCEDURE

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### 1. PERFORM DTC CONFIRMATION PROCEDURE

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1. Set the vehicle to READY, and then wait for 2 seconds or more.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U216E-87” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is “U216E-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

## 1. PERFORM THE SELF-DIAGNOSIS

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1. Erase all self-diagnosis results of “Side radar (Rear left)” with CONSULT.
2. Perform DTC confirmation procedure again. Refer to [DTC Description](#).
3. Check if the “U216E-87” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is “U216E-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	
		Diagnosis condition	When power switch is ON.
C1E10-54	SIDE RADAR ALIGNMENT	Signal (terminal)	CAN communication signal
		Threshold	Side radar rear LH aiming is not completed
		Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

Side radar rear LH aiming is not completed

## 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
- BSW
- I-BSI
- RCTA

\*1: ProPILOT Assist 2.0 display is green

\*2: ProPILOT Assist 2.0 display is blue

## CONFIRMATION PROCEDURE

### 1. PERFORM DTC CONFIRMATION PROCEDURE

1. When power switch is ON.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1E10-54” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is the “C1E10-54” 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. PERFORM SIDE RADAR ALIGNMENT

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1. Perform side radar alignment. Refer to [Work Procedure](#).
2. Erase all self-diagnosis results with CONSULT.
3. Perform “All DTC Reading” with CONSULT.
4. Check if the “C1E10-54” is detected in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is “C1E10-54” detected?

YES >>

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

NO >>

INSPECTION END

Sample

## DTC DETECTION LOGIC

DTC No.	CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
		Diagnosis condition	When power switch is ON.
C1E10-78	SIDE RADAR ALIGNMENT	Signal (terminal)	CAN communication signal
		Threshold	Side radar rear LH aiming is not completed
		Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

Side radar rear LH aiming is not completed

## 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
- BSW
- I-BSI
- RCTA

\*1: ProPILOT Assist 2.0 display is green

\*2: ProPILOT Assist 2.0 display is blue

## CONFIRMATION PROCEDURE

### 1. PERFORM DTC CONFIRMATION PROCEDURE

1. When power switch is ON.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1E10-78” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is the “C1E10-78” 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. PERFORM SIDE RADAR ALIGNMENT

---

1. Perform side radar alignment. Refer to [Work Procedure](#).
2. Erase all self-diagnosis results with CONSULT.
3. Perform “All DTC Reading” with CONSULT.
4. Check if the “C1E10-78” is detected in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is “C1E10-78” detected?

YES >>

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

NO >>

INSPECTION END

Sample

## DTC DETECTION LOGIC

DTC No.	CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
		Diagnosis condition	When vehicle is READY
C1E12-16	Power supply circuit	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 rear LH
- Power supply circuit

## 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
- BSW
- I-BSI
- RCTA

\*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 “C1E12-16” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is “C1E12-16” detected as the current malfunction?

YES >>