

# 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 370Z Coupe Service and Repair Manual

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**NOTE:**

With the detection of “U214E-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 RH 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 “U214E-87” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear right)”.

Is “U214E-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 right)” with CONSULT.
2. Perform DTC confirmation procedure again. Refer to [DTC Description](#).
3. Check if the “U214E-87” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear right)”.

Is “U214E-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	
U2152	81	CAN communication error (ADAS control unit)	Diagnosis condition	When power switch is ON.
			Signal (terminal)	CAN communication signal
			Threshold	Side radar rear RH detects that ADAS control unit 2 has a malfunction
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

ADAS control unit 2

## 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. Turn power switch ON.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U2152-81” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear right)”.

Is the “U2152-81” 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 “U2152-81” 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 DIAGNOSTIC RESULT

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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 malfunction part. Refer to [DTC Index](#)(Without ProPILOT Assist 2.0) or [DTC Index](#) (With ProPILOT Assist 2.0).

NO>>

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

## DTC DETECTION LOGIC

DTC No.	CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
		Diagnosis condition	When power switch is ON.
C1E83-62	BSW	Signal (terminal)	CAN communication signal
		Threshold	Side radar RH detects that BSW system has a malfunction
		Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

- Side radar RH
- Side radar 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
- 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. Turn the power switch ON.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1E83-62” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear right)”.

Is the “C1E83-62” 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 “C1E83-62” 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 SELF-DIAGNOSIS RESULT

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Check if any DTC other than “C1E83-62” is detected in “Self Diagnostic Result” of “Side radar (Rear left)”

Is any DTC detected?

YES >>

Perform diagnosis on the detected DTC and repair or replace the malfunction part. Refer to [DTC Index](#).

NO >>

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

## DTC DETECTION LOGIC

DTC No.	CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
		Diagnosis condition	When vehicle is READY
C1E92-16	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 RH
- 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

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## CONFIRMATION PROCEDURE

### 1. PERFORM DTC CONFIRMATION PROCEDURE

1. Turn the vehicle is READY, and then wait for 5 seconds or more.
2. Perform "All DTC Reading" with CONSULT.
3. Check if the "C1E92-16" is detected as the current malfunction in "Self Diagnostic Result" of "Side radar (Rear right)".

Is "C1E92-16" detected as the current malfunction?

YES >>