

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 Sentra SE-R Service and Repair Manual

[Go to manual page](#)

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 REAR LH POWER SUPPLY AND GROUND CIRCUIT

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

Is the inspection result normal?

YES >>

Replace the side radar rear 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	
		Diagnosis condition	When vehicle is READY
C1E12-17	Power supply circuit	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 rear 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
- 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 “C1E12-17” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is “C1E12-17” 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 REAR LH POWER SUPPLY AND GROUND CIRCUIT

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

Is the inspection result normal?

YES >>

Replace the side radar rear 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	
C1E01-12	Incorrect installation location	Diagnosis condition	When power switch is ON.
		Signal (terminal)	Switching signal
		Threshold	When there are multiple side radars with the same installation location information due to an abnormality in the switching signal circuit
		Diagnosis delay time	1 second or less

POSSIBLE CAUSE

Side radar LH installation location is incorrect

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 “C1E01-12” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is the “C1E01-12” detected as the current malfunction?

YES >>

[DTC Diagnosis Procedure](#)

NO-1 >>

To check malfunction symptom before repair: [Intermittent Incident](#)

NO-2 >>

Confirmation after repair: INSPECTION END

Sample

1. CHECK SIDE RADAR LH INSTALL CONDITION

Check side radar LH installation condition (installation position, properly tightened, a bent bracket).

Is the inspection result normal?

YES >>

Replace the side radar 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	
U2156	81	CAN communication error (steering angle sensor)	Diagnosis condition	When power switch is ON.
			Signal (terminal)	CAN communication signal
			Threshold	Side radar rear LH detects that steering angle sensor has a malfunction
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

Steering angle sensor

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 "U2156-81" is detected as the current malfunction in "Self Diagnostic Result" of "Side radar (Rear left)".

Is the "U2156-81" detected as the current malfunction?

YES>>

Refer to [DTC Diagnosis Procedure](#).