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2020 NISSAN Micra Service and Repair Manual

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3. Check if the "C1F89-97" is detected as the current malfunction in "Self Diagnostic Result" of "ICC/ADAS 2".

Is "C1F89-97" 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

DTC Diagnosis Procedure

1. CHECK DTC PRIORITY

If DTC "C1F89-97" 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 SIDE RADAR REAR LH SELF-DIAGNOSIS RESULTS

Check if any DTC 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 malfunctioning parts. Refer to DTC Index.

NO>>

Replace the ADAS control unit 2. Refer to Removal and Installation.

DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1F8A	97	Side radar rear RH (Side radar rear right hand)	Diagnosis condition	When vehicle is READY
			Signal (terminal)	CAN communication signal
			Threshold	ADAS control unit 2 detects an error signal that is received from side radar rear RH
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- Side radar rear RH

- ADAS control unit 2

FAIL-SAFE

The following system are cancelled.

- Lane keep function[*]

- Lane change support function

- Overtaking support function

- Route driving support function

*: ProPILOT Assist 2.0 display is blue

CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC "C1F8A-97" 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. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.

2. Perform "All DTC Reading" with CONSULT.

3. Check if the "C1F8A-97" is detected as the current malfunction in "Self Diagnostic Result" of "ICC/ADAS 2".

Is "C1F8A-97" 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

DTC Diagnosis Procedure

1. CHECK DTC PRIORITY

If DTC "C1F8A-97" 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 SIDE RADAR REAR RH SELF-DIAGNOSIS RESULTS

Check if any DTC is detected in "Self Diagnostic Result" of "Side radar (Rear 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 ADAS control unit 2. Refer to Removal and Installation.

DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1F49	04	Side radar front LH (Side radar front left hand)	Diagnosis condition	• When vehicle is READY • When AEB system is ON
			Signal (terminal)	—
			Threshold	If the front left side radar is malfunction
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- Side radar front LH

- ADAS control unit 2

FAIL-SAFE

None

CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC "C1F49-04" 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. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.

2. Turn the AEB system ON.

3. Perform "All DTC Reading" with CONSULT.

4. Check if the "C1F49-04" is detected as the current malfunction in "Self Diagnostic Result" of "ICC/ADAS 2".

Is "C1F49-04" 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

DTC Diagnosis Procedure

1. CHECK DTC PRIORITY

If DTC "C1F49-04" 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 FRONT LEFT SIDE RADAR SELF-DIAGNOSIS RESULTS

Check if any DTC 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 ADAS control unit 2. Refer to Removal and Installation.

DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1F49	82	Side radar front LH (Side radar front left hand)	Diagnosis condition	• When vehicle is READY • When AEB system is ON
			Signal (terminal)	—
			Threshold	If ADAS control unit 2 detects an error signal that is received from front left side radar via CAN communication
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

Side radar front LH

FAIL-SAFE

The following system are cancelled.

- Lane keep function[*]

- Lane change support function

- Overtaking support function

- Route driving support function

*: ProPILOT Assist 2.0 display is blue

CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC "C1F49-82" 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. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.