

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 NV200 Service and Repair Manual

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NO-1>>

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

NO-2>>

Confirmation after repair: INSPECTION END

Sample

1. CHECK DTC PRIORITY

If DTC “U215B-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 IPDM E/R SELF DIAGNOSTIC RESULT

Check if any DTC is detected in “Self Diagnostic Result” of “IPDM E/R”.

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

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
U215B	82	CAN communication error (IPDM E/R)	Diagnosis condition	When power switch is ON.
			Signal (terminal)	CAN communication signal
			Threshold	Side radar rear LH detects that IPDM E/R has a malfunction
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

IPDM E/R

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 “U215B-82” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is the “U215B-82” 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

If DTC “U215B-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. CHECK IPDM E/R SELF DIAGNOSTIC RESULT

Check if any DTC is detected in “Self Diagnostic Result” of “IPDM E/R”.

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

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
U215B	83	CAN communication error (IPDM E/R)	Diagnosis condition	When power switch is ON.
			Signal (terminal)	CAN communication signal
			Threshold	Side radar rear LH detects that IPDM E/R has a malfunction
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

IPDM E/R

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

1. Turn power switch ON.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U215B-83” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is the “U215B-83” 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

If DTC “U215B-83” 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 IPDM E/R SELF DIAGNOSTIC RESULT

Check if any DTC is detected in “Self Diagnostic Result” of “IPDM E/R”.

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

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
U215B	86	CAN communication error (IPDM E/R)	Diagnosis condition	When power switch is ON.
			Signal (terminal)	CAN communication signal
			Threshold	Side radar rear LH detects that IPDM E/R has a malfunction
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

IPDM E/R

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

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*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 “U215B-86” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is the “U215B-86” detected as the current malfunction?

YES>>

Refer to [DTC Diagnosis Procedure](#).