

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 Navara NP300 Double Cab Service and Repair Manual

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1. CHECK FUSES

Check if any of the following fuses are blown:

Signal name	Fuse No.
Ignition power supply	53 (10 A)

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Replace the blown fuse after repairing the affected circuit if a fuse is blown.

2. CHECK DRIVER MONITOR CAMERA CONTROL UNIT POWER SUPPLY CIRCUIT

Check voltage between front camera unit harness connector and ground.

Terminal		Condition	Voltage (Approx.)
(+)	(-)		
Driver monitor camera control unit		Power switch	0 V
Connector	Terminal		
M46	7	OFF	0 V
		ON	Battery voltage

Is the inspection result normal?

YES>>

[GO TO 3.](#)

NO>>

Repair the front camera unit power supply circuit.

3. CHECK DRIVER MONITOR CAMERA CONTROL UNIT GROUND CIRCUIT

1. Turn the power switch OFF.
2. Disconnect the driver monitor camera control unit connector.
3. Check for continuity between driver monitor camera control unit harness connector and ground.

Driver monitor camera control unit		Ground	Continuity
Connector	Terminal		
M46	4		Existed
	6		
	9		

Is the inspection result normal?

YES>>

INSPECTION END

NO>>

Repair the front camera unit ground circuit.

Sample

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
U214F	81	CAN communication error (BCM)	Diagnosis condition	When power switch is ON.
			Signal (terminal)	CAN communication signal
			Threshold	Side radar rear LH detects that BCM has a malfunction
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

BCM

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 "U214F-81" is detected as the current malfunction in "Self Diagnostic Result" of "Side radar (Rear left)".

Is the "U214F-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

If DTC “U214F-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 BCM SELF DIAGNOSTIC RESULT

Check if any DTC is detected in “Self Diagnostic Result” of “BCM”.

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	
U214F	82	CAN communication error (BCM)	Diagnosis condition	When power switch is ON.
			Signal (terminal)	CAN communication signal
			Threshold	Side radar rear LH detects that BCM has a malfunction
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

BCM

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 “U214F-82” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is the “U214F-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 “U214F-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 BCM SELF DIAGNOSTIC RESULT

Check if any DTC is detected in “Self Diagnostic Result” of “BCM”.

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	
U214F	83	CAN communication error (BCM)	Diagnosis condition	When power switch is ON.
			Signal (terminal)	CAN communication signal
			Threshold	Side radar rear LH detects that BCM has a malfunction
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

BCM

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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CONFIRMATION PROCEDURE

1. PERFORM DTC CONFIRMATION PROCEDURE

1. Turn power switch ON.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U214F-83” is detected as the current malfunction in “Self Diagnostic Result” of “Side radar (Rear left)”.

Is the “U214F-83” detected as the current malfunction?

YES>>

Refer to [DTC Diagnosis Procedure](#).