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2019 NISSAN Navara NP300 Double Cab Service and Repair Manual

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DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C1F62	82	Intelligent key system circuit (Intelligent key system circuit)	Diagnosis condition	<ul style="list-style-type: none"> When vehicle is READY When MAIN switch of ProPILOT Assist 2.0 system is ON
			Signal (terminal)	CAN communication signal
			Threshold	Signal receiving from intelligent key unit via CAN communication is malfunction
			Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

- Intelligent key unit
- ADAS control unit 2

FAIL-SAFE

None

CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC “C1F62-82” 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

- Set the vehicle to READY.
- Turn the MAIN switch of ProPILOT Assist 2.0 system ON and wait at least 2 seconds.
- Perform “All DTC Reading” with CONSULT.
- Check if the DTC “C1F62-82” is detected as the current malfunction in “Self Diagnostic Result” of “ICC/ADAS 2”.

Is “C1F62-82” 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 “C1F62-82” 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 SELF-DIAGNOSIS OF INTELLIGENT KEY UNIT

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

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	
C1F62	83	Intelligent key system circuit (Intelligent key system circuit)	Diagnosis condition	<ul style="list-style-type: none"> When vehicle is READY When MAIN switch of ProPILOT Assist 2.0 system is ON
			Signal (terminal)	CAN communication signal
			Threshold	Signal receiving from intelligent key unit via CAN communication is malfunction
			Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

- Intelligent key unit
- ADAS control unit 2

FAIL-SAFE

None

CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC “C1F62-83” 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. PERFORM DTC CONFIRMATION PROCEDURE

- Set the vehicle to READY.
- Turn the MAIN switch of ProPILOT Assist 2.0 system ON and wait at least 2 seconds.
- Perform “All DTC Reading” with CONSULT.
- Check if the DTC “C1F62-83” is detected as the current malfunction in “Self Diagnostic Result” of “ICC/ADAS 2”.

Is “C1F62-83” 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 “C1F62-83” 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. PERFORM SELF-DIAGNOSIS OF INTELLIGENT KEY UNIT

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

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	
C1F00	62	CONTROL UNIT (Control unit)	Diagnosis condition	When vehicle is READY
			Signal (terminal)	—
			Threshold	Steering Torque Calibration is not completed
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

Steering Torque Calibration is not adjusted

FAIL-SAFE

The following systems are canceled.

- Vehicle-to-vehicle distance control mode
- Conventional (fixed speed) cruise control mode
- Steering wheel assistance function
- AEB
- RAB
- I-FCW
- I-LI
- I-BSI
- TSR
- I-DA

CONFIRMATION PROCEDURE

1. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C1F00-62” is detected as the current malfunction in “Self Diagnostic Result” of “ICC/ADAS 2”.

Is “C1F00-62” 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 >>

Sample

1. PERFORM STEERING TORQUE CALIBRATION

Perform Steering Torque Calibration when DTC “C1F00-62” is detected.

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Perform Steering Torque Calibration. Refer to [Work Procedure](#).

Sample