# 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.

## 2021 NISSAN Tiida/Versa Sedan Service and Repair Manual

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## DTC DETECTION LOGIC

| DTC No. | CONSULT screen terms (Trouble diagnosis content) | DTC detection condition | |
|---------|---|---|---|
| C2520-82 | BCM | Diagnosis condition | When power switch is ON. |
| | | Signal (terminal) | CAN communication signal |
| | | Threshold | Front camera unit detects that BCM has a malfunction. |
| | | Diagnosis delay time | 5 seconds or more |

## POSSIBLE CAUSE

BCM

## FAIL-SAFE

The following functions are suspended.

- Vehicle-to-vehicle distance control mode[1]

- Steering wheel assistance function[1]

- Conventional (fixed speed) cruise control mode[1]

- Vehicle speed & vehicle-to-vehicle control function[2]

- Lane keep function[2,3]

- Lane keep function[2,4]

- Lane change support function[2]

- Overtaking support function[2]

- Route driving support function[2]

- AEB

- LDW

- I-LI

- I-BSI

- TSR

*1: With ProPILOT Assist, Without ProPILOT Assist 2.0

*2: With ProPILOT Assist 2.0

*3: ProPILOT Assist 2.0 display is green

*4: ProPILOT Assist 2.0 display is blue

## CONFIRMATION PROCEDURE

## 1. CHECK DTC PRIORITY

If DTC "C2520-82" 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. Turn the power switch ON, and then wait for 5 seconds or more.

2. Perform "All DTC Reading" with CONSULT.

3. Check if the "C2520-82" is detected as the current malfunction on the self-diagnosis results of "LANE CAMERA".

Is "C2520-82" 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

# DTC Diagnosis Procedure

## 1. CHECK DTC PRIORITY

If DTC "C2520-82" 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

Perform "Self Diagnostic Result" of "BCM" using CONSULT.

Are any DTCs detected?

YES >>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to DTC Index.

NO >>

Replace front camera unit. Refer to Removal and Installation(Without ProPILOT Assist 2.0) or Removal and Installation(With ProPILOT Assist 2.0).

# DTC DETECTION LOGIC

| DTC No. | CONSULT screen terms (Trouble diagnosis content) | DTC detection condition | |
|---------|---------------------------------------------------|--------------------------|---|
| C2520-83 | BCM | Diagnosis condition | When power switch is ON. |
| | | Signal (terminal) | CAN communication signal |
| | | Threshold | Front camera unit detects that BCM has a malfunction. |
| | | Diagnosis delay time | 5 seconds or more |

# POSSIBLE CAUSE

BCM

# FAIL-SAFE

The following functions are suspended.

- Vehicle-to-vehicle distance control mode[1]

- Steering wheel assistance function[1]

- Conventional (fixed speed) cruise control mode[1]

- Vehicle speed & vehicle-to-vehicle control function[2]

- Lane keep function[2,3]

- Lane keep function[2,4]

- Lane change support function[2]

- Overtaking support function[2]

- Route driving support function[2]

- AEB

- LDW

- I-LI

- I-BSI

- TSR

*1: With ProPILOT Assist, Without ProPILOT Assist 2.0

*2: With ProPILOT Assist 2.0

*3: ProPILOT Assist 2.0 display is green

*4: ProPILOT Assist 2.0 display is blue

# CONFIRMATION PROCEDURE

## 1. CHECK DTC PRIORITY

If DTC "C2520-83" 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

1. Turn the power switch ON, and then wait for 5 seconds or more.

2. Perform "All DTC Reading" with CONSULT.

3. Check if the "C2520-83" is detected as the current malfunction on the self-diagnosis results of "LANE CAMERA".

Is "C2520-83" 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

# DTC Diagnosis Procedure

## 1. CHECK DTC PRIORITY

If DTC "C2520-83" 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 BCM SELF DIAGNOSTIC RESULT

Perform "Self Diagnostic Result" of "BCM" using CONSULT.

Are any DTCs detected?

YES >>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to DTC Index.

NO >>

Replace front camera unit. Refer to Removal and Installation(Without ProPILOT Assist 2.0) or Removal and Installation(With ProPILOT Assist 2.0).

# DTC DETECTION LOGIC

| DTC No. | CONSULT screen terms (Trouble diagnosis content) | DTC detection condition | |
|---------|--------------------------------------------------|-------------------------|---|
| C2520-86 | BCM | Diagnosis condition | When power switch is ON. |
| | | Signal (terminal) | CAN communication signal |
| | | Threshold | Front camera unit detects that BCM has a malfunction. |
| | | Diagnosis delay time | 5 seconds or more |

# POSSIBLE CAUSE

BCM

# FAIL-SAFE

The following functions are suspended.

- Vehicle-to-vehicle distance control mode[1]

- Steering wheel assistance function[1]

- Conventional (fixed speed) cruise control mode[1]

- Vehicle speed & vehicle-to-vehicle control function[2]

- Lane keep function[2,3]

- Lane keep function[2,4]

- Lane change support function[2]

- Overtaking support function[2]

- Route driving support function[2]

- AEB

- LDW

- I-LI

- I-BSI

- TSR

*1: With ProPILOT Assist, Without ProPILOT Assist 2.0

*2: With ProPILOT Assist 2.0

*3: ProPILOT Assist 2.0 display is green

*4: ProPILOT Assist 2.0 display is blue

# CONFIRMATION PROCEDURE

## 1. CHECK DTC PRIORITY

If DTC "C2520-86" 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. Turn the power switch ON, and then wait for 5 seconds or more.

2. Perform "All DTC Reading" with CONSULT.

3. Check if the "C2520-86" is detected as the current malfunction on the self-diagnosis results of "LANE CAMERA".

Is "C2520-86" 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 "C2520-86" is displayed with Network-DTC, first diagnose the Network-DTC.

<u>Is applicable DTC detected?</u>

YES >>

Perform diagnosis of applicable. Refer to <u>DTC Index</u>.

NO >>

<u>GO TO 2</u> .

## 2. CHECK BCM SELF DIAGNOSTIC RESULT

Perform "Self Diagnostic Result" of "BCM" using CONSULT.

<u>Are any DTCs detected?</u>

YES >>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to <u>DTC Index</u>.

NO >>

Replace front camera unit. Refer to <u>Removal and Installation</u>(Without ProPILOT Assist 2.0) or <u>Removal and Installation</u>(With ProPILOT Assist 2.0).