

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.

2016 NISSAN Tiida/Versa Sedan OEM Service and Repair Workshop Manual

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1. CHECK DTC PRIORITY

If DTC “C21FE-76” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

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2. PERFORM DTC CONFIRMATION PROCEDURE (1)

1. Set the vehicle to READY.
2. Wait for approximately 5 minutes or more after shifting the selector lever to “P” position.
3. Perform “All DTC Reading” with CONSULT.
4. Check if the “C21FE-76” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “C21FE-76” detected as the current malfunction?

YES>>

Refer to [DTC Diagnosis Procedure](#).

NO>>

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3. PERFORM DTC CONFIRMATION PROCEDURE (2)

1. Wait for approximately 5 minutes or more after shifting the selector lever to “N” position.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C21FE-76” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “C21FE-76” 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

1. CHECK DTC PRIORITY

If DTC “C21FE-76” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

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2. CHECK VCM SELF-DIAGNOSIS RESULTS

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

Is any DTC detected?

YES>>

Check if any DTC is detected in “Self Diagnostic Result” of “EV/HEV”. Refer to [DTC Index](#).

NO>>

Replace the around view monitor control unit. Refer to [Removal and Installation](#).

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
C21F1	72	Stop lamp relay	Diagnosis condition	When vehicle is READY
			Signal (terminal)	Stop lamp request signal
			Threshold	Stop lamp inactive state despite the outputting of a stop lamp request signal from around view monitor control unit
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- BCM
- Around view monitor control unit

FAIL-SAFE

The following systems are canceled.

- Vehicle-to-vehicle distance control mode
- Lane keep function^{*1}
- Lane keep function^{*2}
- Lane change support function
- Overtaking support function
- Route driving support function
- AEB
- RAB
- I-FCW
- TSR

*1: ProPILOT Assist 2.0 display is green

*2: ProPILOT Assist 2.0 display is blue

CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC “C21F1-72” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?


YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

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2. PERFORM COMPONENT FUNCTION CHECK 1

 **NOTE:**
To prevent the possibility of vehicle accident, perform Component Function Check instead of DTC Confirmation Procedure.

1. Set the vehicle to READY.
2. Perform the active test item “Stop lamp 1” and “Stop lamp 2” of “BCM” with CONSULT.

Is the inspection result normal?

YES>>

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NO>>

Check the stop lamp circuit. Refer to [Component Function Check](#).

3. PERFORM COMPONENT FUNCTION CHECK 2

Perform the active test item “Stop lamp ON” of “CHASSIS CONTROL” with CONSULT.

Is the inspection result normal?

YES-1>>

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

YES-2>>

Confirmation after repair: INSPECTION END

NO>>

Refer to [DTC Diagnosis Procedure](#).

1. CHECK BCM SELF-DIAGNOSIS RESULTS

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 malfunctioning parts. Refer to [DTC Index](#).

NO>>

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2. CHECK CHASSIS CONTROL MODULE SELF-DIAGNOSIS RESULTS

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

Is any DTC detected?

YES>>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to [DTC Index](#).

NO>>

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3. CHECK BRAKE HOLD RELAY POWER SUPPLY CIRCUIT

Check voltage between brake hold relay harness connector and ground.

Brake hold relay		Ground	Reference voltage
Connector	Terminal		(Approx.)
E140	2		Battery voltage
	3		

Is the inspection result normal?

YES>>

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NO>>

Repair or replace harness or connector.

4. CHECK BETWEEN BRAKE HOLD RELAY AND CHASSIS CONTROL MODULE HARNESS

1. Turn power switch OFF.
2. Disconnect chassis control module harness connector.
3. Check for continuity between brake hold relay harness connector and chassis control module harness connector.

Brake hold relay	Chassis control module	Continuity
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Connector	Terminal	Connector	Terminal	
E140	1	M39	24	Existed

4. Check for continuity between chassis control module harness connector and ground.

Chassis control module		Ground	Continuity
Connector	Terminal		
M39	24		Not existed

Is the inspection result normal?

YES>>

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NO>>

Repair or replace harness or connector.

5. CHECK BRAKE HOLD RELAY

1. Disconnect brake hold relay.

2. Check the brake hold relay. Refer to Component Function Check.

Is the inspection result normal?

YES>>

Replace around view monitor control unit. Refer to [Removal and Installation](#).

NO>>

Replace the brake hold relay.

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
U1DA3	82	EPS control unit	Diagnosis condition	Vehicle: READY
			Signal (terminal)	CAN communication signal
			Threshold	If power steering control module is not transmitting or receiving CAN communication signal
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- Power steering control module
- Around view monitor control unit

FAIL-SAFE

The following systems are canceled.

- Vehicle-to-vehicle distance control mode
- Lane keep function*¹
- Lane keep function*²
- Lane change support function
- Overtaking support function
- Route driving support function
- AEB
- RAB
- I-FCW
- I-LI
- I-BSI
- TSR

*1: ProPILOT Assist 2.0 display is green

*2: ProPILOT Assist 2.0 display is blue

1. CHECK DTC PRIORITY

If DTC “U1DA3-82” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

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2. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U1DA3-82” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U1DA3-82” 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

1. CHECK DTC PRIORITY

If DTC “U1DA3-82” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

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2. CHECK POWER STEERING CONTROL MODULE SELF-DIAGNOSIS RESULTS

Check if any DTC is detected in “Self Diagnostic Result” of “EPS/DIRECT ADAPTIVE STEERING 3”.

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 around view monitor control unit. Refer to [Removal and Installation](#).