

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 OEM Service and Repair Workshop Manual

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1. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Turn power switch ON.
2. Turn power switch OFF and wait at least 30 seconds.
3. Turn power switch ON and wait at least 2 seconds.
4. Select “Self Diagnostic Result” mode of “AROUND VIEW MONITOR” using CONSULT.
5. Check DTC.

Is DTC B2A01-52 detected?

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. PERFORM CALIBRATING CAMERA IMAGE

Perform camera calibration. Refer to [Work Procedure](#).

>>

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2. PERFORM DTC CONFIRMATION PROCEDURE AGAIN

 With CONSULT

1. Turn power switch ON.
2. Erase DTC.
3. Perform DTC confirmation procedure again. Refer to [Confirmation Procedure](#).

Is DTC “B2A01-52” detected again?

YES>>

Replace side camera RH. Refer to [Removal and Installation](#).

NO>>

INSPECTION END

DTC DETECTION LOGIC

DTC	CONSULT screen terms	DTC detection condition	
B2A1B-31	Side camera right-hand	Diagnosis condition	When power switch is ON
		Signal (terminal)	LVDS (side camera RH)
		Threshold	Communication error with side camera RH
		Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

- LVDS cable (between around view monitor control unit and side camera RH)
- Side camera RH
- Around view monitor control unit

FAIL-SAFE

Camera image not displayed

DTC CONFIRMATION PROCEDURE

1. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Turn power switch ON.
2. Turn power switch OFF and wait at least 30 seconds.
3. Turn power switch ON and wait at least 2 seconds or more.
4. Select “Self Diagnostic Result” mode of “AROUND VIEW MONITOR” using CONSULT.
5. Check DTC.

Is DTC B2A1B-31 detected?

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 LVDS CABLE 1

1. Turn power switch OFF.
2. Check the connection status of the LVDS cable connector. (around view monitor control unit side, wire to wire, and side camera RH side)

Is inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Connect the LVDS cable connector correctly.

2. CHECK LVDS CABLE 2

1. Turn power switch OFF.
2. Disconnect around view monitor control unit connector and side camera RH connector.
3. Check continuity between around view monitor control unit harness connector and side camera RH harness connector.

Around view monitor control unit		Side camera RH		Continuity
Connector	Terminals	Connector	Terminals	
B68	33	D26	17	Existed
	34		18	

4. Check continuity between around view monitor control unit harness connector and ground.

Around view monitor control unit		Ground	Continuity
Connector	Terminal		
B68	33		Not existed

Is inspection result normal?

YES>>

Replace side camera RH. Refer to [Removal and Installation.](#)

NO>>

Replace LVDS cable.

DTC DETECTION LOGIC

DTC	CONSULT screen terms	DTC detection condition	
B2A1D-31	Side camera left-hand	Diagnosis condition	When power switch is ON
		Signal (terminal)	LVDS (side camera LH)
		Threshold	Communication error with side camera LH
		Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

- LVDS cable (between around view monitor control unit and side camera LH)
- Side camera LH
- Around view monitor control unit

FAIL-SAFE

Camera image not displayed

DTC CONFIRMATION PROCEDURE

1. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Turn power switch ON.
2. Turn power switch OFF and wait at least 30 seconds.
3. Turn power switch ON and wait at least 2 seconds or more.
4. Select “Self Diagnostic Result” mode of “AROUND VIEW MONITOR” using CONSULT.
5. Check DTC.

Is DTC B2A1D-31 detected?

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 LVDS CABLE 1

1. Turn power switch OFF.
2. Check the connection status of the LVDS cable connector. (around view monitor control unit side, wire to wire, and side camera LH side)

Is inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Connect the LVDS cable connector correctly.

2. CHECK LVDS CABLE 2

1. Turn power switch OFF.
2. Disconnect around view monitor control unit connector and side camera LH connector.
3. Check continuity between around view monitor control unit harness connector and side camera LH harness connector.

Around view monitor control unit		Side camera LH		Continuity
Connector	Terminals	Connector	Terminals	
B68	39	D66	17	Existed
	40		18	

4. Check continuity between around view monitor control unit harness connector and ground.

Around view monitor control unit		Ground	Continuity
Connector	Terminal		
B68	39		Not existed

Is inspection result normal?

YES>>

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

NO>>

Replace LVDS cable.

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
C21FE	76	NP RANGE	Diagnosis condition	Vehicle: READY
			Signal (terminal)	<ul style="list-style-type: none"> Shift position signal Current gear position signal
			Threshold	A mismatch between a shift position signal transmitted from VCM via CAN communication and an current gear position signal continues
			Diagnosis delay time	60 seconds or more

POSSIBLE CAUSE

VCM

FAIL-SAFE

None

Sample