

# 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.

## 2017 NISSAN Micra OEM Service and Repair Workshop Manual

[Go to manual page](#)

## 1. PERFORM DTC CONFIRMATION PROCEDURE

---

1. Turn the power switch ON, and then wait for 10 minutes or more.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “B2A2D-23” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “B2A2D-23” 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 CENTER CONSOLE FINISHER POWER SUPPLY AND GROUND CIRCUIT

---

Check power supply and ground circuit of center console finisher. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

Replace the center console finisher. Refer to [Disassembly & Assembly](#).

NO>>

[GO TO 2.](#)

## 2. CHECK ProPILOT PARK SWITCH CIRCUIT

---

1. Turn the power switch ON.
2. Select the DATA MONITOR item “Switch1” and “Switch2” of “AROUND VIEW MONITOR” with CONSULT.

Monitor Item	Condition	Value/Status
Switch1	When ProPILOT Park switch is not pressed	Released
	When ProPILOT Park switch is pressed	Pushed
Switch2	When ProPILOT Park switch is not pressed	Released
	When ProPILOT Park switch is pressed	Pushed

Is the inspection result normal?

YES>>

[GO TO 3.](#)

NO>>

[GO TO 4.](#)

## 3. PERFORM DTC CONFIRMATION PROCEDURE

---

1. Erases all self-diagnosis results.
2. Perform DTC confirmation procedure again. Refer to [Confirmation Procedure](#).

Is DTC “B2A2D-23” detected?

YES>>

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

NO>>

INSPECTION END

## 4. CHECK ProPILOT PARK SWITCH CIRCUIT

---

1. Disconnect the around view monitor control unit connector.
2. Disconnect the center console finisher connector.

3. Check for continuity between the around view monitor control unit harness connector and center console finisher harness connector.

Around view monitor control unit		Center console finisher		Continuity
Connector	Terminal	Connector	Terminal	
B65	9	M204	10	Existed
	12		11	

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

Around view monitor control unit		Ground	Continuity
Connector	Terminal		
B65	9		Not existed
	12		

Is the inspection result normal?

YES>>

Replace the center console finisher. Refer to [Disassembly & Assembly](#).

NO>>

Repair or replace harness or connectors.

Sample

## DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
C21F9	64	Vehicle speed sensor	Diagnosis condition	Vehicle: READY
			Signal (terminal)	<ul style="list-style-type: none"> <li>Wheel speed sensor signal</li> <li>Vehicle speed sensor signal</li> </ul>
			Threshold	Mismatch of the following value <ul style="list-style-type: none"> <li>Vehicle speed signal (wheel speed) from ABS actuator and electric unit (control unit)</li> <li>Output shaft revolution signal (output speed sensor) from VCM</li> </ul>
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

- Wheel speed sensor
- ABS actuator and electric unit (control unit)
- Output speed sensor
- VCM
- Around view monitor control unit

## FAIL-SAFE

The following systems are canceled.

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

- I-DA

\*1: ProPILOT Assist 2.0 display is green

\*2: ProPILOT Assist 2.0 display is blue

Sample

## 1. CHECK DTC PRIORITY

---

If DTC “C21F9-64” 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. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C21F9-64” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “C21F9-64” 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 “C21F9-64” 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 VCM SELF-DIAGNOSIS RESULTS

---

Check if any DTC is detected in “Self Diagnostic Result” of “EV/HEV”.

Is any DTC detected?

YES>>

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

NO>>

[GO TO 3.](#)

## 3. CHECK ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) SELF-DIAGNOSIS RESULTS

---

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

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](#).



## DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
C21FA	A2	Power supply circuit	Diagnosis condition	Vehicle: READY
			Signal (terminal)	Battery power supply
			Threshold	Less than 7.9 V
			Diagnosis delay time	5 seconds or more

## POSSIBLE CAUSE

- Connector, harness, fuse
- Around view monitor control unit
- Power supply circuit

## FAIL-SAFE

The following systems are canceled.

- Vehicle-to-vehicle distance control mode
- Lane keep function<sup>\*1</sup>
- Lane keep function<sup>\*2</sup>
- 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. PERFORM DTC CONFIRMATION PROCEDURE

---

1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C21FA-A2” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “C21FA-A2” 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