

# Your Ultimate Source for OEM Repair Manuals

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## 2003 NISSAN Micra 5 Doors OEM Service and Repair Workshop Manual

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# List of ECU Reference

SIEMD-7307159

ECU	Reference
Chassis control module	<a href="#">DTC Index</a>
	<a href="#">Physical Values</a>
	<a href="#">Values On The Diagnosis Tool</a>
	<a href="#">Fail-safe</a>
	<a href="#">DTC Inspection Priority Chart</a>

Sample

## 1. CHECK AUTOMATIC BRAKE HOLD SWITCH INDICATOR

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1. Power switch ON.
2. Check that automatic brake hold switch indicator turns ON/OFF when automatic brake hold switch is pressed.

**NOTE:**

**When automatic brake hold switch is pressed, the indicator turns ON, and it turns OFF when pressed again.**

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Refer to [Diagnosis Procedure](#).

## 2. CHECK AUTOMATIC BRAKE HOLD INDICATOR LAMP

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Check the automatic brake hold indicator lamp. Refer to [Component Function Check](#).

Is the inspection result normal?

YES>>

INSPECTION END

NO>>

Refer to [Diagnosis Procedure](#).

## 1. PERFORM SELF-DIAGNOSIS

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 With CONSULT

Perform "All DTC Reading".

Is DTC "ABS", "CHASSIS CONTROL", "BCM", or "EV/HEV" detected?

YES>>

Record or print self-diagnosis results and freeze frame data (FFD). [GO TO 2.](#)

NO>>

[GO TO 3.](#)

## 2. CHECK EACH SYSTEM

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Perform the trouble diagnosis of system that DTC indicated.

- "ABS": Refer to [DTC Index](#).
- "CHASSIS CONTROL": Refer to [DTC Index](#).
- "BCM": Refer to [DTC Index](#).
- "EV/HEV": Refer to [DTC Index](#).

>>

[GO TO 7.](#)

## 3. CHECK AUTOMATIC BRAKE HOLD SWITCH INDICATOR

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1. Power switch OFF and wait at least 1 minute.
2. Power switch ON.
3. Automatic brake hold switch ON.

Is automatic brake hold switch indicator illuminated?

YES>>

Check automatic brake hold indicator lamp. Refer to [Component Function Check](#).

NO>>

[GO TO 4.](#)

## 4. CHECK CONNECTOR AND TERMINAL

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1. Power switch OFF.
2. Check the automatic brake hold switch harness connector for disconnection or looseness.
3. Check the chassis control module harness connector for disconnection or looseness.
4. Disconnect automatic brake hold switch harness connector.
5. Disconnect chassis control module harness connector.

6. Check the automatic brake hold switch harness connector terminals for damage or loose connection.

7. Check the chassis control module harness connector terminals for damage or loose connection with harness connector.

Is the inspection result normal?

YES>>

[GO TO 5.](#)

NO>>

Repair / replace harness, connector, or terminal. [GO TO 7.](#)

## 5. CHECK AUTOMATIC BRAKE HOLD SWITCH CIRCUIT

1. Check the continuity between chassis control module harness connector and automatic brake hold switch harness connector.

Chassis control module		Automatic brake hold switch		Continuity
Connector	Terminal	Connector	Terminal	
M38 <sup>*1</sup>	22 <sup>*1</sup>	M138	6	Existed
	7 <sup>*2</sup>		1	
M39 <sup>*2</sup>	24 <sup>*1</sup>			
	21 <sup>*2</sup>			

\*1: Without ProPILOT Assist 2.0

\*2: With ProPILOT Assist 2.0

2. Check the continuity between chassis control module harness connector and ground.

Chassis control module		—	Continuity
Connector	Terminal		
M38 <sup>*1</sup>	22 <sup>*1</sup>	Ground	Not existed
	7 <sup>*2</sup>		
M39 <sup>*2</sup>	24 <sup>*1</sup>		
	21 <sup>*2</sup>		

\*1: Without ProPILOT Assist 2.0

\*2: With ProPILOT Assist 2.0

Is the inspection result normal?

YES>>

[GO TO 6.](#)

NO>>

Repair / replace harness or connector. [GO TO 7.](#)

## 6. CHECK AUTOMATIC BRAKE HOLD SWITCH

Check the automatic brake hold switch. Refer to [Component Inspection](#).

Is the inspection result normal?

YES>>

Replace the chassis control module. Refer to [CHASSIS CONTROL MODULE : Removal & Installation](#). [GO TO 7](#).

NO>>

Replace the automatic brake hold switch. Refer to [AUTOMATIC BRAKE HOLD SWITCH : Removal & Installation](#). [GO TO 7](#).

## 7. FINAL CHECK

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Recheck the symptom and check that the symptom is not reproduced under the same conditions.

Is the inspection result normal?

YES>>

INSPECTION END

NO>>

[GO TO 1](#).

Sample

## 1. CHECK AUTOMATIC BRAKE HOLD SWITCH

1. Power switch OFF.
2. Disconnect automatic brake hold switch harness connector.
3. Check the continuity between terminals of automatic brake hold switch connector.

Automatic brake hold switch	Condition	Continuity
Terminal		
1 - 2	Automatic brake hold switch is not pressed	Not existed
	Automatic brake hold switch is pressed	Existed

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Replace the automatic brake hold switch. Refer to [AUTOMATIC BRAKE HOLD SWITCH : Removal & Installation](#).

## 2. CHECK AUTOMATIC BRAKE HOLD SWITCH INDICATOR

Apply 12 V between automatic brake hold switch connector terminals, and check the automatic brake hold switch indicator.

**CAUTION:**

- Connect fuse between terminals when applying the voltage.
- Never make the terminals short.

Automatic brake hold switch		Condition	Automatic brake hold switch indicator
Terminal			
+	-		
5	6	Apply 12 V between automatic brake hold switch connector terminals (5 and 6).	ON

Is the inspection result normal?

YES>>

INSPECTION END

NO>>

Replace the automatic brake hold switch. Refer to [AUTOMATIC BRAKE HOLD SWITCH : Removal & Installation](#).

## 1. CHECK AUTOMATIC BRAKE HOLD INDICATOR LAMP (WHITE) FUNCTION

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1. Set the vehicle to READY.
2. Press automatic brake hold switch, and check that the indicator lamp illuminates when automatic brake hold function is changed to the standby state.

**NOTE:**

**When automatic brake hold function is in the standby state, automatic brake hold indicator lamp (white) illuminates.**

3. Press automatic brake hold switch again, and check that the indicator lamp turns OFF when automatic brake hold function is stopped.

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Refer to [Diagnosis Procedure](#).

## 2. CHECK AUTOMATIC BRAKE HOLD INDICATOR LAMP (GREEN) FUNCTION

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1. Check that the indicator lamp illuminates while automatic brake hold function is being applied.

**NOTE:**

**Automatic brake hold indicator lamp (green) illuminates while automatic brake hold function is being applied.**

2. Check that the color of automatic brake hold indicator lamp changes from green to white when the vehicle is started and automatic brake hold function is released.

Is the inspection result normal?

YES>>

INSPECTION END

NO>>

Refer to [Diagnosis Procedure](#).



## 1. PERFORM SELF-DIAGNOSIS

---

 With CONSULT

Perform "All DTC Reading".

Is DTC "ABS", "CHASSIS CONTROL", "BCM", or "EV/HEV" detected?

YES>>

Record or print self-diagnosis results and freeze frame data (FFD). [GO TO 2.](#)

NO>>

[GO TO 3.](#)

## 2. CHECK EACH SYSTEM

---

Perform the trouble diagnosis of system that DTC indicated.

- "ABS": Refer to [DTC Index](#).
- "CHASSIS CONTROL": Refer to [DTC Index](#).
- "BCM": Refer to [DTC Index](#).
- "EV/HEV": Refer to [DTC Index](#).

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[GO TO 11.](#)

## 3. CHECK AUTOMATIC BRAKE HOLD INDICATOR LAMP

---

1. Power switch OFF and wait at least 1 minute.
2. Power switch ON.
3. Automatic brake hold switch ON.

Is automatic brake hold indicator lamp illuminated?

YES>>

Check automatic brake hold switch. Refer to [Component Function Check](#). [GO TO 11.](#)

NO>>

[GO TO 4.](#)

## 4. CHECK OPERATION CONDITIONS OF AUTOMATIC BRAKE HOLD

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Check operation conditions of automatic brake hold function. Refer to [System Description](#).

Is the inspection result normal?

YES>>

[GO TO 5.](#)

NO>>

Satisfy the operating conditions. [GO TO 11.](#)

## 5. CHECK DATA MONITOR (1)

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 With CONSULT

Select “CHASSIS CONTROL”, “Data monitor” according this order, check the “VDC malfunction status”. Refer to [Values On The Diagnosis Tool.](#)

Is the "ON" displayed?

YES>>

[GO TO 8.](#)

NO>>

[GO TO 6.](#)

## 6. CHECK DATA MONITOR (2)

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 With CONSULT

Select “CHASSIS CONTROL”, “Data monitor” according this order, check the “Stop hold (VDC)”. Refer to [Values On The Diagnosis Tool.](#)

Is the “impossible” displayed?

YES>>

[GO TO 8.](#)

NO>>

[GO TO 7.](#)

## 7. CHECK COMBINATION METER

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Check the combination meter. Refer to [On Board Diagnosis Function.](#)

Is the inspection result normal?

YES>>

[GO TO 11.](#)

NO>>

Repair or replace integrated interface display. Refer to [Removal and Installation.](#) [GO TO 11.](#)

## 8. CHECK DATA MONITOR (3)

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 With CONSULT

Select “CHASSIS CONTROL”, “Data monitor” according this order, check the “Accelerator pedal position”. Refer to [Values On The Diagnosis Tool.](#)

Is the “127%” or more displayed?

YES>>

[GO TO 9.](#)

NO>>