

Your Ultimate Source for OEM Repair Manuals

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1987 NISSAN Micra 3 Doors OEM Service and Repair Workshop Manual

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Never operate the vehicle.

6. Power switch OFF to ON without depressing the brake pedal.

CAUTION:

Never set the vehicle to READY.

7. Erase self-diagnosis result for "BRAKE".
8. Power switch OFF and disconnect CONSULT from data link connector.
9. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

CAUTION:

Never operate the vehicle.

10. Power switch OFF to ON without depressing the brake pedal.

CAUTION:

Never set the vehicle to READY.

11. Perform self-diagnosis for "BRAKE".

Is DTC "C18F3-4B" detected?

YES>>

[GO TO 5.](#)

NO>>

INSPECTION END

5. CHECK ELECTRICALLY-DRIVEN INTELLIGENT BRAKE UNIT POWER SUPPLY AND GROUND CIRCUIT

1. Power switch OFF and disconnect CONSULT from data link connector.
2. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

CAUTION:

Never operate the vehicle.

3. Disconnect 12V battery cable from negative terminal.
4. Disconnect electrically-driven intelligent brake unit harness connector.
5. Check the electrically-driven intelligent brake unit power supply and ground circuit. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

[GO TO 6.](#)

NO>>

Repair / replace harness, connector, terminal, fuse, or fusible link. [GO TO 6.](#)

6. PERFORM SELF-DIAGNOSIS (3)

 With CONSULT

1. Power switch OFF to ON without depressing the brake pedal.

CAUTION:
Never set the vehicle to READY.

2. Power switch OFF and disconnect CONSULT from data link connector.
3. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

CAUTION:
Never operate the vehicle.

4. Power switch OFF to ON without depressing the brake pedal.

CAUTION:
Never set the vehicle to READY.

5. Erase self-diagnosis result for "BRAKE".
6. Power switch OFF and disconnect CONSULT from data link connector.
7. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

CAUTION:
Never operate the vehicle.

8. Power switch OFF to ON without depressing the brake pedal.

CAUTION:
Never set the vehicle to READY.

9. Perform self-diagnosis for "BRAKE".

Is DTC "C18F3-4B" detected?

YES>>

[GO TO 7.](#)

NO>>

INSPECTION END

7. CHECK DATA MONITOR

 With CONSULT

1. Power switch OFF to ON without depressing the brake pedal.

CAUTION:
Never set the vehicle to READY.

2. Select "BRAKE", "Data monitor" according to this order.

3. Check "Temperature 1" and "Temperature 2". Refer to [Values On The Diagnosis Tool](#).

Is "Temperature " -50°C (-58°F) or less, or 125°C (257°F) or more?

YES>>

[GO TO 8.](#)

NO>>

[GO TO 9.](#)

8. CHECK MOTOR ROOM

Check for any locations of abnormal heating around the electrically-driven intelligent brake unit.

Are there any heated locations?

YES>>

Perform diagnosis of the heated locations, and wait for the temperature to fall. [GO TO 9.](#)

NO>>

Replace the electrically-driven intelligent brake unit. Refer to [ELECTRICALLY-DRIVEN INTELLIGENT BRAKE UNIT : Removal & Installation](#).

9. PERFORM SELF-DIAGNOSIS (4)

 With CONSULT

1. Power switch OFF to ON without depressing the brake pedal.

CAUTION:
Never set the vehicle to READY.

2. Power switch OFF and disconnect CONSULT from data link connector.

3. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

CAUTION:
Never operate the vehicle.

4. Power switch OFF to ON without depressing the brake pedal.

CAUTION:
Never set the vehicle to READY.

5. Erase self-diagnosis result for "BRAKE".

6. Power switch OFF and disconnect CONSULT from data link connector.

7. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

CAUTION:
Never operate the vehicle.

8. Power switch OFF to ON without depressing the brake pedal.

CAUTION:
Never set the vehicle to READY.

9. Perform self-diagnosis for “BRAKE”.

Is DTC "C18F3-4B" detected?

YES>>

Replace the electrically-driven intelligent brake unit. Refer to [ELECTRICALLY-DRIVEN INTELLIGENT BRAKE UNIT : Removal & Installation](#).

NO>>

INSPECTION END

1. CHECK BRAKE WARNING LAMP FUNCTION (1)

Check that brake warning lamp turns ON for several second after power switch is turned ON.

CAUTION:

Never set the vehicle to READY.

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Refer to [Diagnosis Procedure](#).

2. CHECK BRAKE WARNING LAMP FUNCTION (2)

Check that brake warning lamp in combination meter turns ON or OFF when brake fluid level switch is operated while brake fluid level in reservoir tank is at the specified level.



NOTE:

Brake warning lamp turns ON when brake fluid is less than the specified level (when brake fluid level switch is ON).

Is the inspection result normal?

YES>>

INSPECTION END

NO>>

Check the brake fluid level switch system. Refer to [Component Inspection](#).

1. CHECK ELECTRICALLY-DRIVEN INTELLIGENT BRAKE UNIT POWER SUPPLY AND GROUND CIRCUIT

Perform the trouble diagnosis for electrically-driven intelligent brake unit power supply and ground circuit. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Repair / replace harness, connector, terminal, fuse, or fusible link.

2. PERFORM SELF-DIAGNOSIS

 With CONSULT

Perform self-diagnosis for “BRAKE” and “ABS”.

Is malfunction detected?

YES>>

Check the error-detected system.

- “BRAKE”: Refer to [DTC Index](#).
- “ABS”: Refer to [DTC Index](#).

NO>>

[GO TO 3.](#)

3. CHECK THAT BRAKE WARNING LAMP TURNS ON

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

Is the inspection result normal?

YES>>

Replace the electrically-driven intelligent brake unit. Refer to [ELECTRICALLY-DRIVEN INTELLIGENT BRAKE UNIT : Removal & Installation](#).

NO>>

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

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms	DTC detection condition	
C18F1	08	VDC system	Diagnosis condition	When power switch is ON.
			Signal (terminal)	CAN communication signal
			Threshold	When a malfunction is detected in vehicle speed signal.
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

ABS actuator and electric unit (control unit)

FAIL-SAFE

The following functions are suspended.

- Cooperative regenerative brake function
- e-Step function
- Boost function [Boost operation by the ABS actuator and electric unit (control unit) is activated]

1. PRECONDITIONING

If “Confirmation Procedure” has been previously conducted, always power switch OFF, get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

CAUTION:
Never operate the vehicle.

>>

[GO TO 2.](#)

2. CHECK DTC DETECTION

 With CONSULT

1. Power switch OFF to ON without depressing the brake pedal.

CAUTION:
Never set the vehicle to READY.

2. Power switch OFF and disconnect CONSULT from data link connector.
3. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

CAUTION:
Never operate the vehicle.

4. Power switch ON without depressing the brake pedal.

CAUTION:
Never set the vehicle to READY.

5. Erase self-diagnosis result for “BRAKE”.
6. Power switch OFF and disconnect CONSULT from data link connector.
7. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

CAUTION:
Never operate the vehicle.

8. Power switch ON without depressing the brake pedal.

CAUTION:
Never set the vehicle to READY.

9. Perform self-diagnosis for “BRAKE”.

Is DTC “C18F1-08” 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

Sample