

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.

1996 NISSAN Almera / Pulsar 3 Doors OEM Service and Repair Workshop Manual

[Go to manual page](#)

Diagnosis Description

SIEMD-7262791

Chassis control module: Refer to [Diagnosis Description](#).

Sample

e-Step SWITCH : Removal & Installation

RPR-002038463



NOTE:

The e-Step switch is integrated with the center console finisher.

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

Sample

REMOVAL

CAUTION:

When replacing chassis control module, configuration of chassis control module is required. Refer to [Work Procedure](#).

1 Remove the instrument panel. Refer to [Removal and Installation](#).

2 Disconnect chassis control module harness connector.

3 Remove the chassis control module.

CAUTION:

Never drop the chassis control module.

INSTALLATION

Note the following, install in the reverse order of removal.

- When replacing the chassis control module, be sure to perform the configuration of chassis control module. Refer to [Work Procedure](#).

List of ECU Reference

SIEMD-7307169

ECU	Reference
Chassis control module	DTC Index
	Physical Values
	Values On The Diagnosis Tool
	Fail-safe
	DTC Inspection Priority Chart

Sample

1. CHECK e-Step SWITCH OPERATION

Check that information display in combination meter switched when e-Step switch is operated. Refer to [System Description](#).

Is the inspection result normal?

YES>>

INSPECTION END

NO>>

Refer to [Diagnosis Procedure](#).

Sample

**NOTE:**

The e-Step switch is integrated with the center console finisher.

1. PERFORM SELF-DIAGNOSIS

With CONSULT

Perform “All DTC Reading”.

Is DTC detected?

YES>>

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

NO-1>>

When there is a symptom: [GO TO 3.](#)

NO-2>>

When there is a not symptom: INSPECTION END

2. CHECK EACH SYSTEM

Perform the trouble diagnosis of system that DTC indicated.

>>

[GO TO 10.](#)

3. CHECK e-Step DISPLAY

1. Power switch OFF and wait at least 1 minute.
2. Power switch ON.
3. By operating e-Step switch, turn ON/OFF e-Step function. Refer to [Operation](#).
4. Confirm that the e-Step display is displayed and that ON / OFF is switched. Refer to [System Description](#).

Is the e-Step display displayed and ON / OFF switched?

YES>>

[GO TO 10.](#)

NO>>

[GO TO 4.](#)

4. CHECK DATA MONITOR

With CONSULT

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

Is the “Malfunction” displayed?

YES>>

[GO TO 9.](#)

NO>>

[GO TO 5.](#)

5. CHECK COMBINATION METER

 With CONSULT

Perform self-diagnosis for "COMBINATION METER".

Is DTC detected?

YES>>

[GO TO 2.](#)

NO>>

[GO TO 6.](#)

6. CHECK e-Step SWITCH SIGNAL CIRCUIT

1. Power switch OFF (Auto ACC function OFF).
2. Disconnect VCM harness connector.
3. Disconnect center console finisher harness connector.
4. Check the continuity between VCM harness connector and center console finisher harness connector.

VCM		Center console finisher		Continuity
Connector	Terminal	Connector	Terminal	
E47	54	M204	6	Existed

5. Perform the trouble diagnosis for center console finisher power supply and ground circuit. Refer to [Diagnosis Procedure](#).

Is the inspection result normal?

YES>>

[GO TO 7.](#)

NO>>

Repair / replace harness or connector. [GO TO 10.](#)

7. CHECK e-Step SWITCH GROUND CIRCUIT

Check the continuity between center console finisher harness connector and ground.

Center console finisher		—	Continuity
Connector	Terminal		
M204	16	Ground	Existed

Is the inspection result normal?

YES>>

[GO TO 8.](#)

NO>>

Repair / replace harness or connector. [GO TO 10.](#)

8. REPLACE e-Step SWITCH

Replace the center console finisher. Refer to [Removal & Installation.](#)

>>

[GO TO 10.](#)

9. CHECK VCM

 With CONSULT

Perform self-diagnosis for "EV/HEV".

Is DTC detected?

YES>>

[GO TO 2.](#)

NO>>

[GO TO 10.](#)

10. FINAL CHECK

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

Is the inspection result normal?

YES>>

INSPECTION END

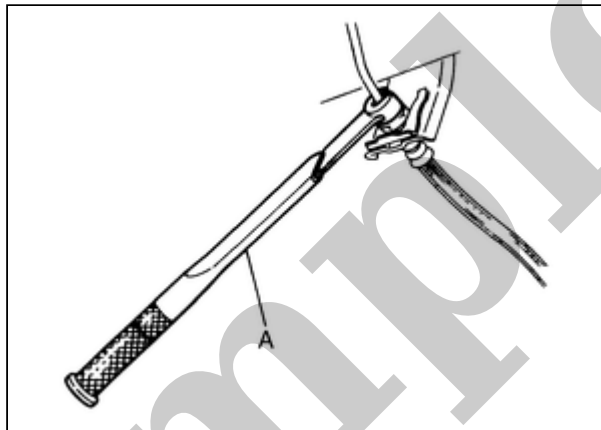
NO>>

[GO TO 1.](#)

WARNING:

Since dust covering the front and rear brakes has an affect on human body, the dust must be removed with a dust collector. Never splatter the dust with an air blow gun.

- Brake fluid use refer to [MAINTENANCE : Recommended Fluid and Lubricants](#).
- Never reuse drained brake fluid.
- Never spill or splash brake fluid on painted surfaces. Brake fluid may seriously damage paint. Wipe it off immediately and wash with water if it gets on a painted surface.
- Never use mineral oils such as gasoline or light oil. They may damage rubber parts and cause improper operation.
- Always loosen the brake tube flare nut with a flare nut wrench.
- Tighten the brake tube flare nut to the specified torque with a flare nut torque wrench (A).



RDE-001952904-01-PFIA0061ZZ

- Always conform the specified tightening torque when installing the brake pipes.
- Brake system is an important safety part. If a brake fluid leak is detected, always disassemble the affected part. If a malfunction is detected, replace part with a new one.
- Turn the ignition switch OFF and disconnect the ABS actuator and electric unit (control unit) harness connector or the 12V battery negative terminal before performing the work.