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.

2003 NISSAN Terrano II 3 Doors OEM Service and Repair Workshop Manual

Go to manual page

RDE-001824892

Removal

Since parking brake actuator is not allowed to disassemble, replace rear brake caliper assembly if parking brake actuator needs to be replaced. Refer to Removal and Installation.

ELECTRIC PARKING BRAKE CONTROL MODULE : Removal & Installation

RPR-001824895

NOTE:
Electric parking brake control module is integrated with the ABS actuator and electric unit.

- Always perform "Additional service when replacing the ABS actuator and electric unit". Refer to Work Procedure.

List of ECU Reference

SIEMD-7262517

ECU	Reference
ABS actuator and electric unit (control unit)	Values On The Diagnosis Tool
	Fail-safe
	DTC Inspection Priority Chart
	DTC Index

Component Inspection

SIEMD-7262519

1. CHECK PARKING BRAKE SWITCH

1. Power switch OFF (Auto ACC function OFF).
2. Disconnect the 12V battery negative terminal.
3. Disconnect the parking brake switch harness connector.
4. Check the continuity when parking brake switch is operated.

Condition	Terminal	Continuity
When parking brake switch is neutral	3 − 5	Existed
	6 − 7	Existed
	3 − 6	Not existed
	5 − 7	Not existed
When parking brake switch is pull	3 − 5	Existed
	5 − 7	Existed
	3 − 6	Not existed
	6 − 7	Not existed
When parking brake switch is push	3 − 6	Existed
	6 − 7	Existed
	3 − 5	Not existed
	5 − 7	Not existed

Is the inspection result normal?

YES>>

GO TO 2.

NO>>

Replace the parking brake switch. Refer to PARKING BRAKE SWITCH : Removal & Installation.

2. CHECK PARKING BRAKE SWITCH INDICATOR

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

CAUTION:

- **Connect fuse between terminals when applying the voltage.**
- **When the polarity is incorrect, it will be damaged.**
- **Never make the terminals short.**

Parking brake switch		Condition	Parking brake switch indicator
Terminal			
+	—		
2	9	Apply 12 V between parking brake switch connector terminals (2 and 9).	ON

Is the inspection result normal?

YES>>

INSPECTION END

NO>>

Replace the parking brake switch. Refer to PARKING BRAKE SWITCH : Removal & Installation.

SIEMD-7262525

1. CHECK BRAKE SYSTEM WARNING LAMP FUNCTION

Use the on board diagnostic function of the combination meter to the brake system warning lamp turns ON. Refer to On Board Diagnosis Function.

Is the inspection result normal?

YES>>

INSPECTION END

NO>>

Refer to Diagnosis Procedure.

SIEMD-7262527

1. CHECK ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) POWER SUPPLY AND GROUND CIRCUIT

Perform the trouble diagnosis for ABS actuator and electric unit (control 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 “ABS”.

Is DTC detected?

YES>>

Check the DTC. Refer to DTC Index.

NO>>

GO TO 3.

3. CHECK COMBINATION METER

Check the combination meter. Refer to On Board Diagnosis Function.

Is the inspection result normal?

YES>>

Replace the ABS actuator and electric unit (control unit). Refer to ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) : Removal & Installation.

NO>>

Repair / replace the integrated interface display. Refer to Removal and Installation.

SIEMD-7262521

1. CHECK ELECTRIC PARKING BRAKE WARNING LAMP FUNCTION

Check that electric parking brake warning lamp turns ON/OFF when parking brake switch is operated.

NOTE:
Electric parking brake warning lamp turns ON when electric parking brake is operated (when parking brake switch is pull).

Is the inspection result normal?

YES>>

INSPECTION END

NO>>

Refer to Diagnosis Procedure.

SIEMD-7262523

1. CHECK ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) POWER SUPPLY AND GROUND CIRCUIT

Perform the trouble diagnosis for ABS actuator and electric unit (control 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

1. Power switch OFF (Auto ACC function OFF) to ON.

CAUTION:
Be sure to wait for 10 seconds or more after power switch OFF (Auto ACC function OFF) or ON.

2. Operate and release the parking brake five times.
3. Perform self-diagnosis for “ABS”.

Is DTC detected?

YES>>

Check the DTC. Refer to DTC Index.

NO>>

GO TO 3.

3. CHECK COMBINATION METER

Check the combination meter. Refer to On Board Diagnosis Function.

Is inspection result normal?

YES>>

Replace the ABS actuator and electric unit (control unit). Refer to ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) : Removal & Installation.

NO>>

Repair or replace integrated interface display. Refer to Removal and Installation.