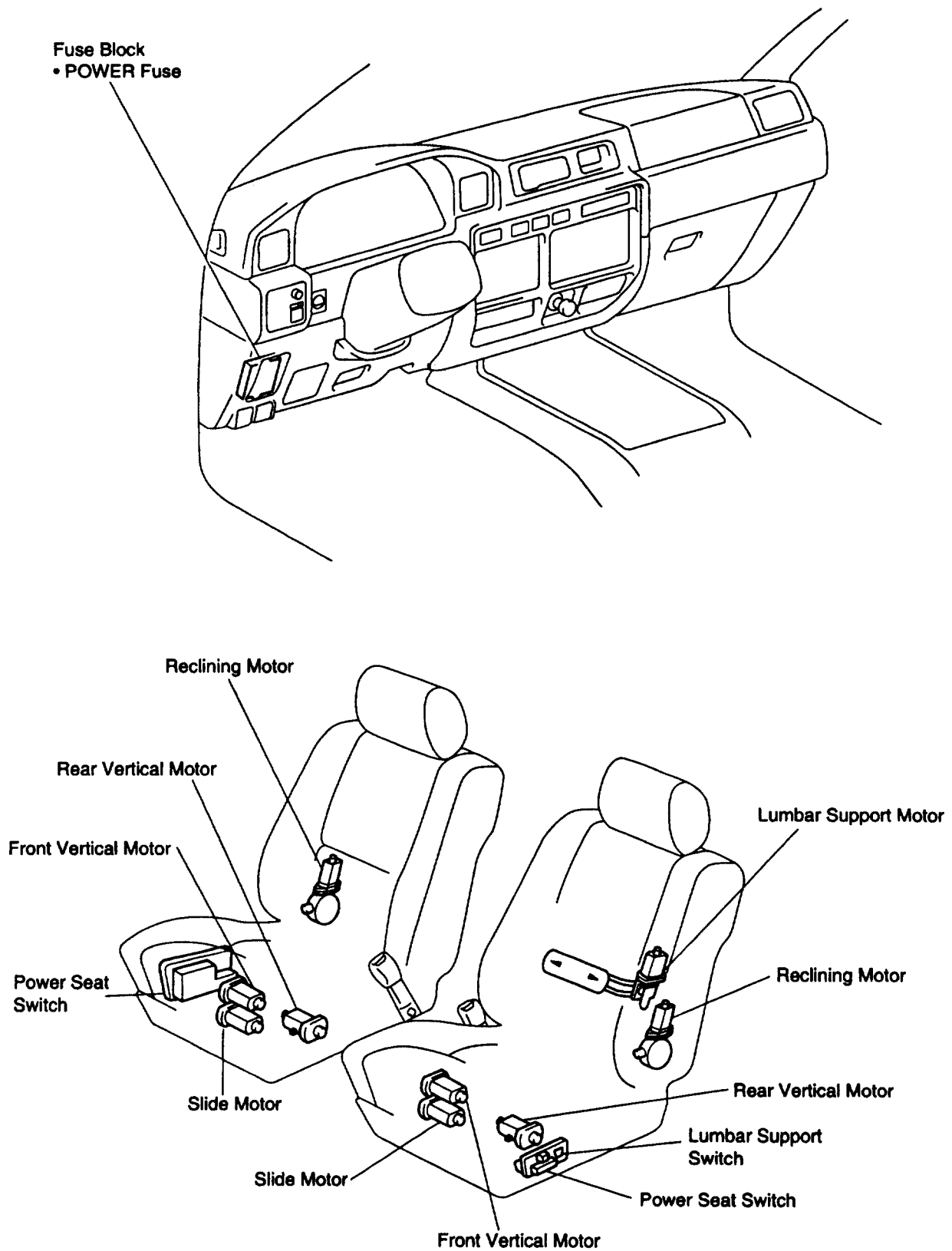


POWER SEAT CONTROL SYSTEM PARTS LOCATION



TROUBLESHOOTING

The table below will be useful for you in troubleshooting these electrical problems. The most likely causes of the malfunction are shown in the order of their probability. Inspect each part in the order shown, and replace the part when it is found to be faulty.

Trouble	Parts name	(See page)
Power seat does not operate. (Door lock does not operate.)	1. AM1 H-Fuse 2. POWER Fuse 3. Wire Harness 4. Power Seat Switch (D) 4. Power Seat Switch (P)	(BE-5) (BE-5) (BE-79) (BE-80)
Driver's seat does not operate.	1. Power Seat Switch (D) 2. Wire Harness	(BE-79)
Passenger's seat does not operate.	1. Power Seat Switch (P) 2. Wire Harness	(BE-80)
"Slide operation" does not operate.	1. Power Seat Switch (D) 1. Power Seat Switch (P) 2. Wire Harness 3. Slide Motor (D,P)	(BE-79) (BE-80) (BE-81)
"Front vertical operation" does not operate.	1. Power Seat Switch (D) 2. Wire Harness 3. Front Vertical Motor (D)	(BE-79) (BE-81)
"Rear vertical operation" does not operate.	1. Power Seat Switch (D) 2. Wire Harness 3. Rear Vertical Motor (D)	(BE-79) (BE-82)
"Reclining operation" does not operate.	1. Power Seat Switch (D) 1. Power Seat Switch (P) 2. Wire Harness 3. Reclining Motor (D,P)	(BE-79) (BE-80) (BE-83)

(D): Driver's Seat

(P): Passenger's Seat

POWER SEAT SWITCH INSPECTION (DRIVER'S SIDE)

INSPECT SWITCH CONTINUITY

Slide switch

Switch position	Tester connection to terminal number	Specified condition
FORWARD	5 - 10 8 - 9	Continuity
OFF	5 - 8 - 9	Continuity
BACKWARD	5 - 9 8 - 10	Continuity

Front vertical switch

Switch position	Tester connection to terminal number	Specified condition
UP	4 - 11 10 - 12	Continuity
OFF	4 - 11 - 12	Continuity
DOWN	4 - 12 10 - 11	Continuity

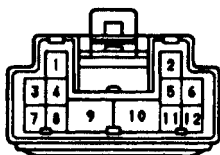
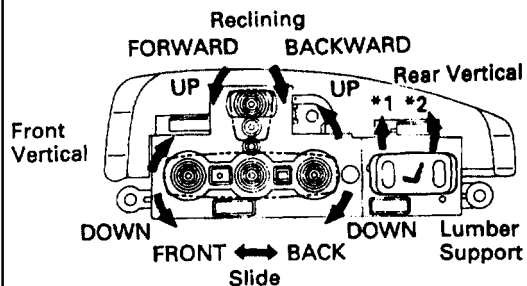
Rear vertical switch

Switch position	Tester connection to terminal number	Specified condition
UP	2 - 10 6 - 7	Continuity
OFF	2 - 6 - 7	Continuity
DOWN	2 - 7 6 - 10	Continuity

Reclining switch

Switch position	Tester connection to terminal number	Specified condition
FORWARD	4 - 10 7 - 9	Continuity
OFF	4 - 7 - 9	Continuity
BACKWARD	4 - 9 7 - 10	Continuity

- *1 FORWARD
*2 BACKWARD



N06201 eg-12-1

Z06996

Lumbar support switch

Switch position	Tester connection to terminal number	Specified condition
FORWARD	4 – 10 7 – 9	Continuity
OFF	4 – 7 – 9	Continuity
BACKWARD	4 – 9 7 – 10	Continuity

If continuity is not as specified, replace the switch.

POWER SEAT SWITCH INSPECTION (PASSENGER'S SIDE)

INSPECT SWITCH CONTINUITY

Inspect the switch continuity between terminals.

Slide switch

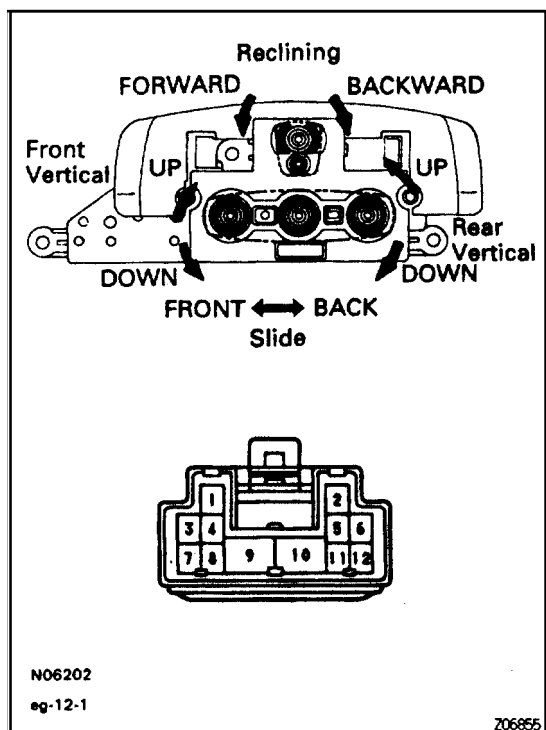
Switch position	Tester connection to terminal number	Specified condition
FORWARD	5 – 10 8 – 9	Continuity
OFF	5 – 8 – 9	Continuity
BACKWARD	5 – 9 8 – 10	Continuity

Front vertical switch

Switch position	Tester connection to terminal number	Specified condition
UP	4 – 11 10 – 12	Continuity
OFF	4 – 11 – 12	Continuity
DOWN	4 – 12 10 – 11	Continuity

Rear vertical switch

Switch position	Tester connection to terminal number	Specified condition
UP	2 – 10 6 – 7	Continuity
OFF	2 – 6 – 7	Continuity
DOWN	2 – 7 6 – 10	Continuity



Reclining switch

Switch position	Tester connection to terminal number	Specified condition
FORWARD	4 - 10 7 - 9	Continuity
OFF	4 - 7 - 9	Continuity
BACKWARD	4 - 9 7 - 10	Continuity

If continuity is not as specified, replace the switch.

SLIDE MOTOR INSPECTION**1. INSPECT MOTOR OPERATION**

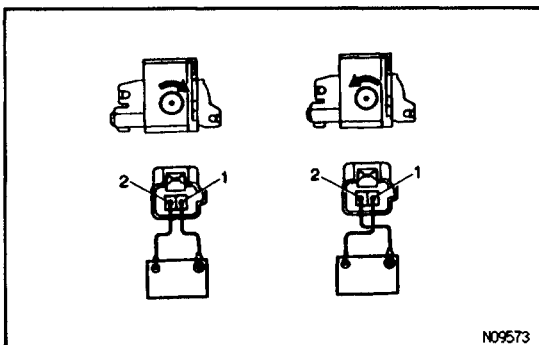
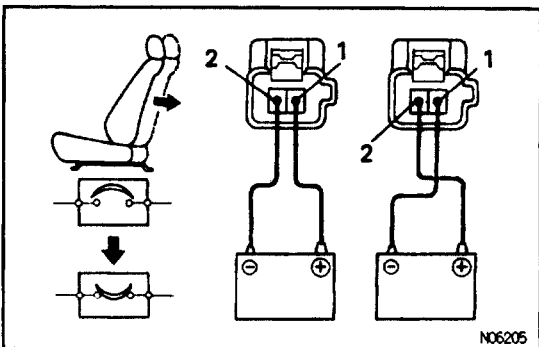
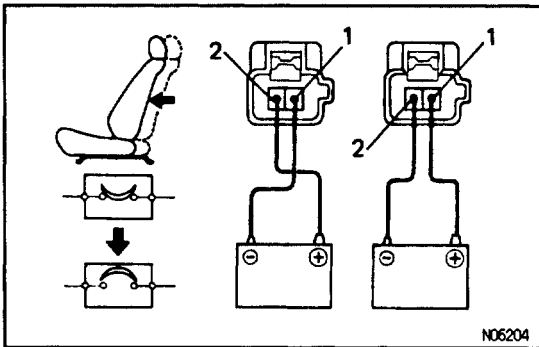
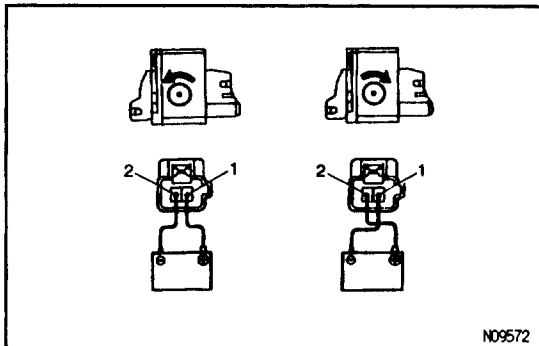
- Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2, and check that the motor turns counterclockwise.
- Reverse the polarity, and check that the motor turns clockwise.

If operation is not as specified, replace the motor.

2. INSPECT CIRCUIT BREAKER OPERATION

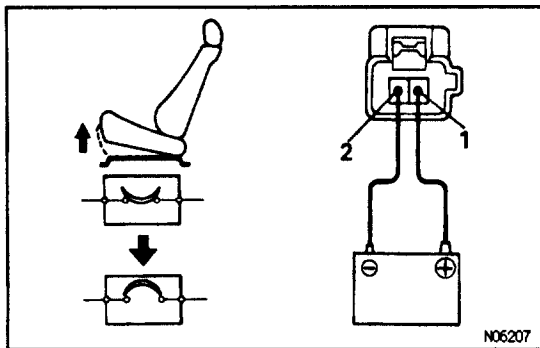
- Connect the positive (+) lead and the negative (-) lead from the battery to slide motor connector (illustrated terminals), and slide the seat to front end position.
- Continue to apply voltage, check that there is a circuit breaker operation noise within 4 to 60 seconds.

- Reverse the polarity, and check that the seat begins to move backwards within approximately 60 seconds.
- If operation is not as specified, replace the motor.

**FRONT VERTICAL MOTOR INSPECTION****1. INSPECT MOTOR OPERATION**

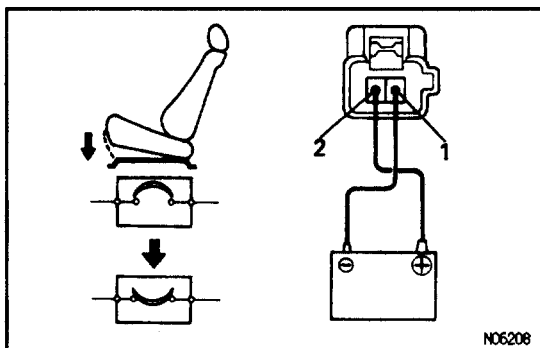
- Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2, and check that the motor turns clockwise.
- Reverse the polarity, check that the motor turns counterclockwise.

If operation is not as specified, replace the motor.

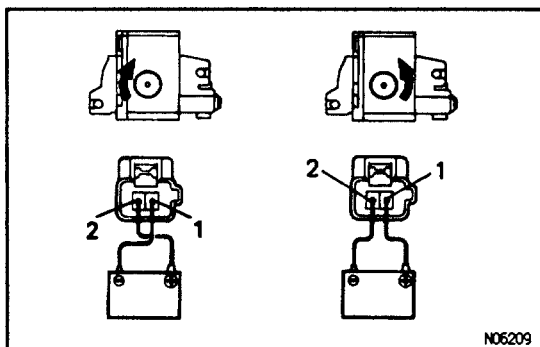


2. INSPECT CIRCUIT BREAKER OPERATION

- (a) Connect the positive (+) lead and the negative (-) lead from the battery to the front vertical motor connector (illustrated terminals), and move the front edge of seat cushion to the highest position.
- (b) Continue to apply voltage, and check that there is a circuit breaker operation noise within 4 to 60 seconds.



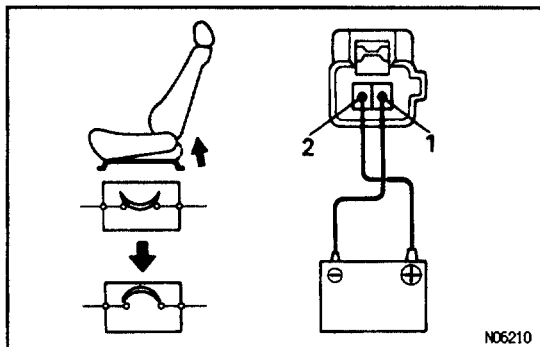
- (c) Reverse the polarity, and check that the seat cushion begins to descend within approximately 60 seconds. If operation is not as specified, replace the motor.



REAR VERTICAL MOTOR INSPECTION

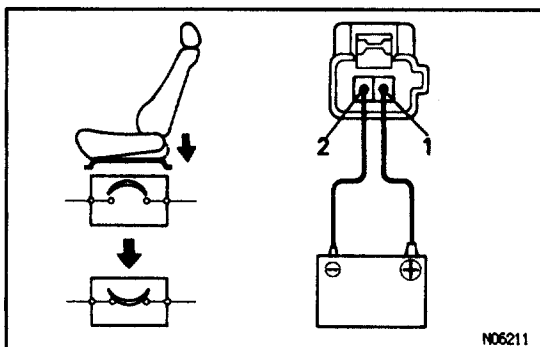
1. INSPECT MOTOR OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 1, and check that the motor turns clockwise.
- (b) Reverse the polarity, and check that the motor turns counterclockwise. If operation is not as specified, replace the motor.

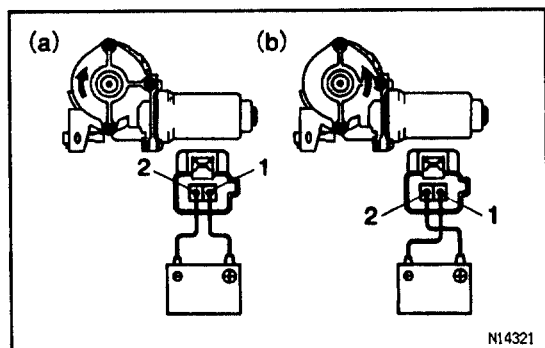


2. INSPECT CIRCUIT BREAKER OPERATION

- (a) Connect the positive (+) lead and the negative (-) lead from the battery to the rear vertical motor connector (illustrated terminals), and move the front edge of seat cushion to the highest position.
- (b) Continue to apply voltage, and check that there is a circuit breaker operation noise within 4 to 60 seconds.



- (c) Reverse the polarity, check that the seat cushion begins to descend within approximately 60 seconds. If operation is not as specified, replace the motor.



RECLINING MOTOR INSPECTION (DRIVER'S SIDE)

1. INSPECT MOTOR OPERATION

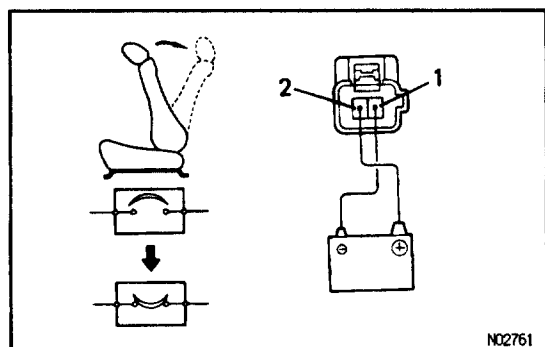
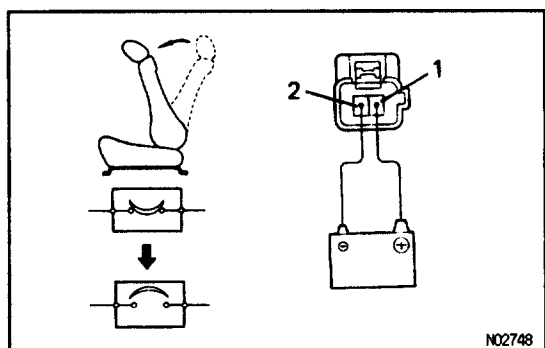
- Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2, and check that the motor turns clockwise.
- Reverse the polarity, and check that the motor turns counterclockwise.

If operation is not as specified, replace the motor.

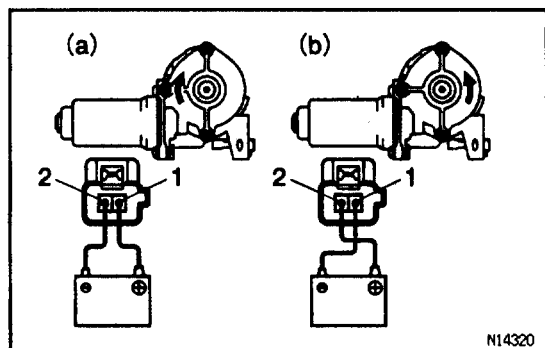
2. INSPECT CIRCUIT BREAKER OPERATION

- Connect the positive (+) lead from terminal 1 and negative (-) lead to terminal 2.

Check that the seat back reclines to the most forward position.



- Continue to apply voltage, and check that there is a circuit breaker operation noise within 4 to 40 seconds.
 - Reverse the polarity, and check that the seat back starts to fall backwards within approximately 60 seconds.
- If operation is not as specified, replace the motor.



RECLINING MOTOR INSPECTION (PASSENGER'S SIDE)

1. INSPECT MOTOR OPERATION

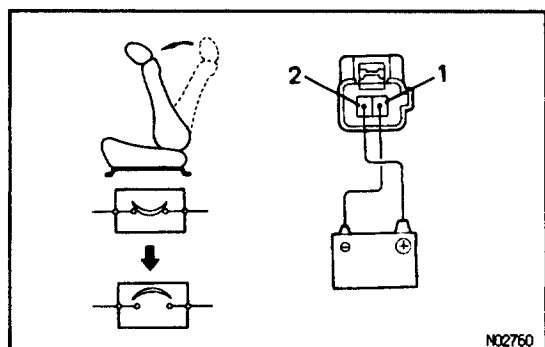
- Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2, and check that the motor turns counterclockwise.
- Reverse the polarity, and check that the motor turns clockwise.

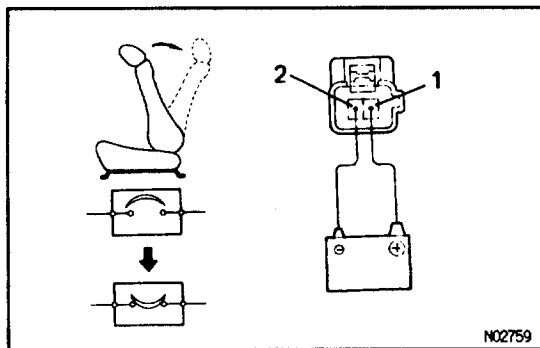
If operation is not as specified, replace the motor.

2. INSPECT CIRCUIT BREAKER OPERATION

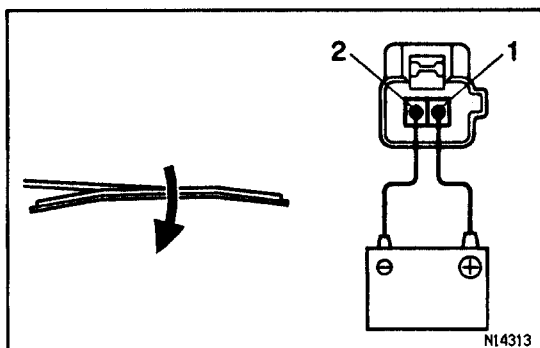
- Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 1 on the seat wire harness side connector, and recline the seat back to the most forward position.

- Continue to apply voltage, and check that there is a circuit breaker operation noise within 4 to 40 seconds.





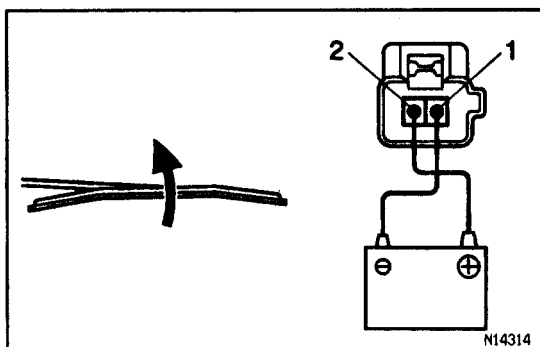
- (c) Reverse the polarity, and check that the seat back starts to fall backwards within approximately 60 seconds. If operation is not as specified, replace the motor.



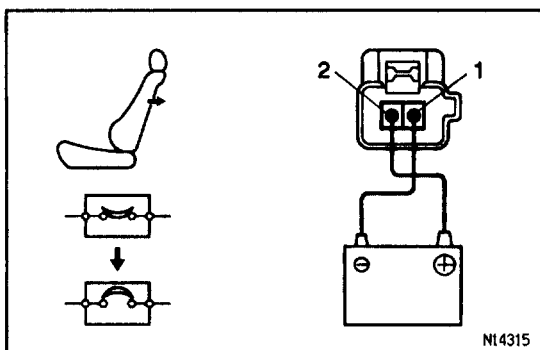
LUMBER SUPPORT MOTOR INSPECTION

1. INSPECT MOTOR OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2, and check that the lumbar support moves release side.

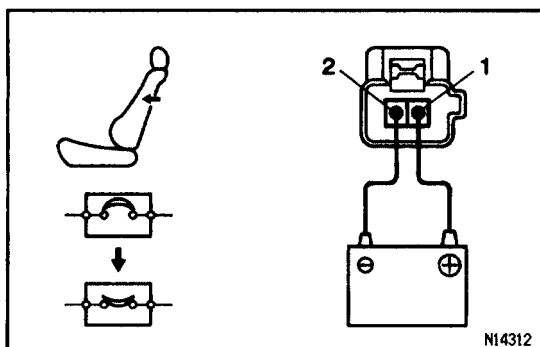


- (b) Reverse the polarity, and check that the lumbar support moves forward. If operation is not as specified, replace the motor.



2. INSPECT CIRCUIT BREAKER OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 1 on the lumbar support motor connector and move the lumbar support to front end position.
- (b) Continue to apply voltage, and check that there is a circuit breaker operation noise within 4 to 60 seconds.



- (c) Reverse the polarity, and check that the lumbar support begins to move release side within approximately 60 seconds. If operation is not as specified, replace the motor.