

INSPECTION

1. INSPECT DRIVER'S SEAT SWITCH CONTINUITY

Slide switch:

Tester connection	Switch position	Specified condition
5 - 10	FRONT	Continuity
8 - 9		
5 - 9	OFF	Continuity
8 - 9		
5 - 9	BACK	Continuity
8 - 10		

Rear vertical switch:

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

Reclining switch:

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

If the continuity is not as specified, replace the switch.

2. INSPECT PASSENGER'S SEAT SWITCH CONTINUITY

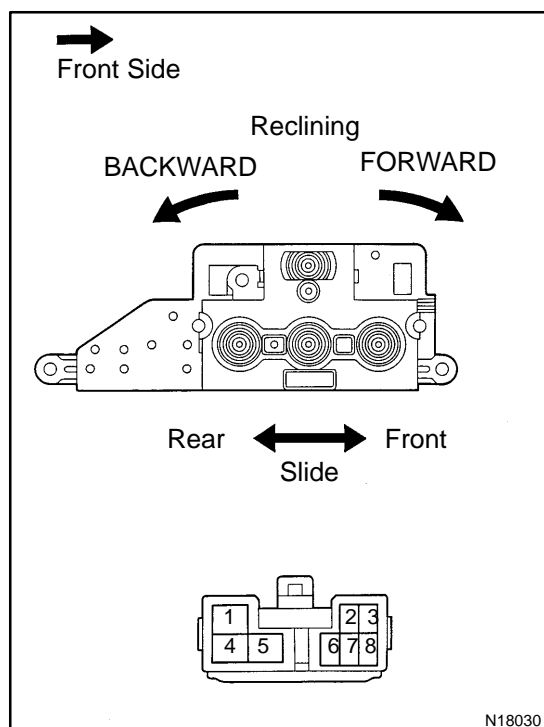
Slide switch:

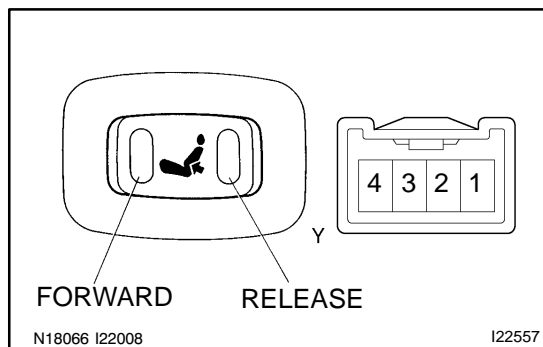
Tester connection	Switch position	Specified condition
4 - 8	FRONT	Continuity
5 - 7		
4 - 7	OFF	Continuity
4 - 8		
4 - 7	REAR	Continuity
8 - 8		

Reclining switch:

Tester connection	Switch position	Specified condition
2 - 5	FORWARD	Continuity
3 - 4		
2 - 4	OFF	Continuity
3 - 4		
2 - 4	BACKWARD	Continuity
3 - 5		

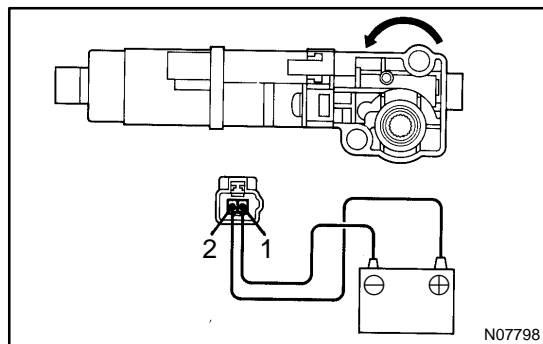
If the continuity is not as specified, replace the switch.



**3. INSPECT LUMBAR SUPPORT SWITCH CONTINUITY**

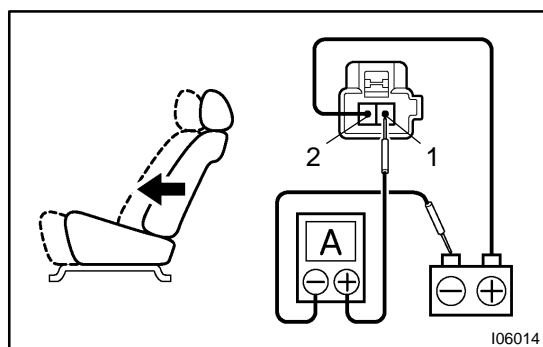
Tester connection	Switch position	Specified condition
1 - 4	FORWARD	Continuity
2 - 3		
1 - 2 - 3	OFF	Continuity
1 - 3	RELEASE	Continuity
2 - 4		

If the continuity is not as specified, replace the switch.

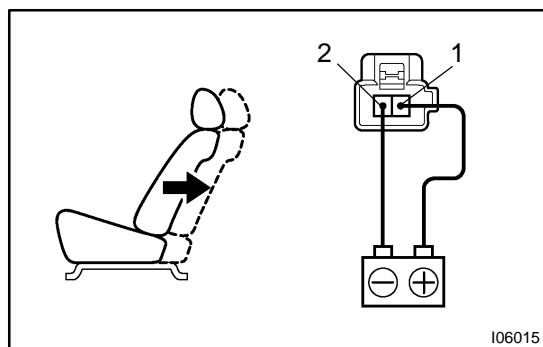
**4. INSPECT SEAT SLIDE MOTOR OPERATION**

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

If the operation is not as specified, replace the motor.

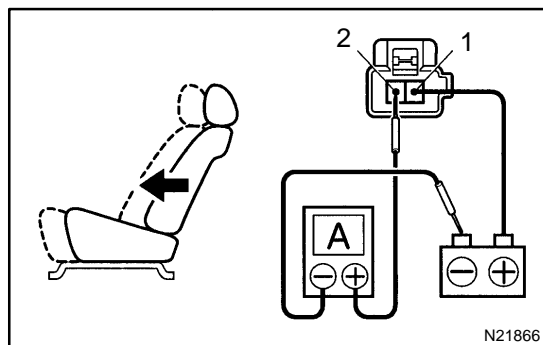
**5. INSPECT DRIVER'S SEAT SLIDE MOTOR PTC THERMISTOR OPERATION**

- Connect the positive (+) lead from the battery to terminal 2, the positive (+) lead from the ammeter to terminal 1, and the negative (-) lead to battery negative (-) terminal, and move the seat front end position.
- Continue to apply voltage, check the current changes to less than 1 ampere within 4 to 90 seconds.

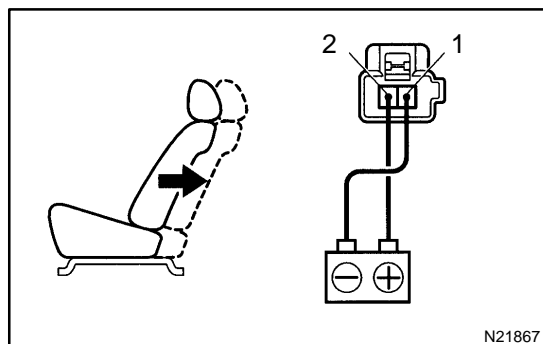


- Disconnect the lead from the terminals.
- Approximately 60 seconds later, connect the positive (+) lead from battery to terminal 1 and the negative (-) lead to terminal 2, then check that the seat begins to move backwards.

If operation is not as specified, replace the motor.

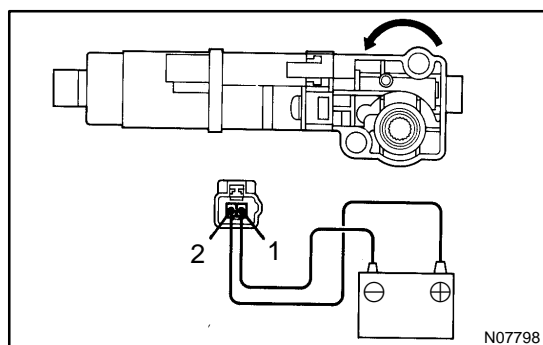
**6. INSPECT PASSENGER'S SEAT SLIDE MOTOR PTC THERMISTOR OPERATION**

- Connect the positive (+) lead from the battery to terminal 1, the positive (+) lead from the ammeter to terminal 2, and the negative (-) lead to battery negative (-) terminal, and move the seat to the front end position.
- Continue to apply voltage, check the current changes to less than 1 ampere within 4 to 90 seconds.



- (c) Disconnect the lead from terminals.
- (d) Approximately 60 seconds later, connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 1, then check that the seat begins to move backwards.

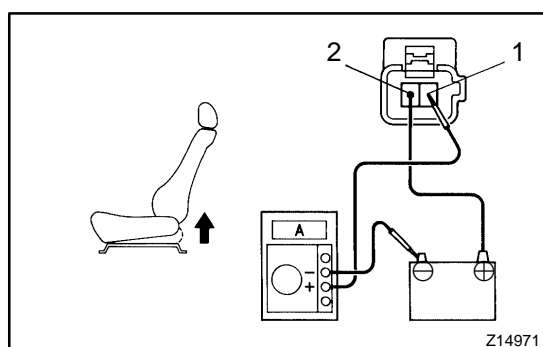
If the operation is not as specified, replace the motor.



7. INSPECT REAR VERTICAL MOTOR OPERATION

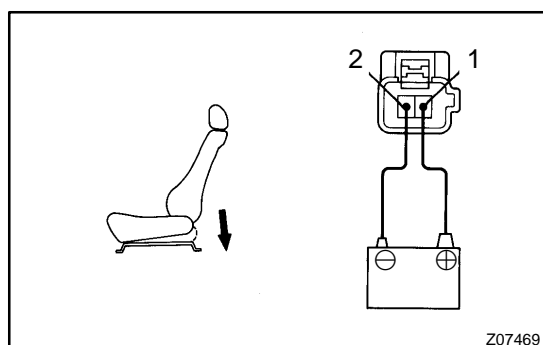
- (a) Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 1, then check that the motor turns clockwise.
- (b) Reverse the polarity, then check that the motor turns counterclockwise.

If the operation is not as specified, replace the motor.



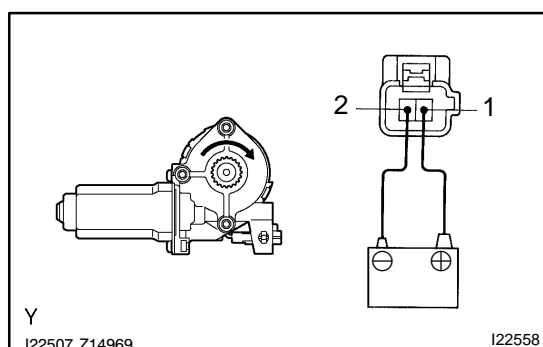
8. INSPECT REAR VERTICAL MOTOR PTC THERMISTOR OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 2, the positive (+) lead from the ammeter to terminal 1 and the negative (-) lead to battery negative (-) terminal, and move the rear edge of the seat cushion to the highest position.
- (b) Continue to apply voltage, check the current changes to less than 1 ampere within 4 to 90 seconds.



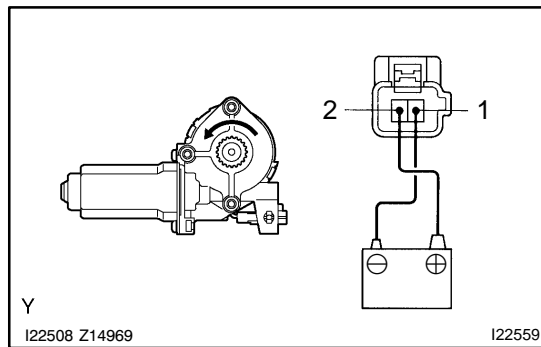
- (c) Disconnect the leads from the terminals.
- (d) Approximately 60 seconds later, connect the positive (+) lead from battery to terminal 1 and the negative (-) lead to terminal 2, then check that the seat cushion begins to descend.

If the operation is not as specified, replace the motor.



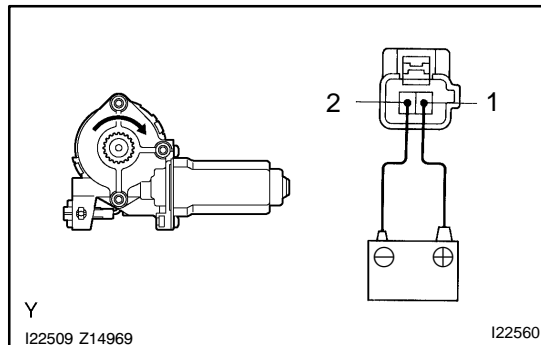
9. INSPECT DRIVER'S SEAT RECLINING MOTOR OPERATION

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



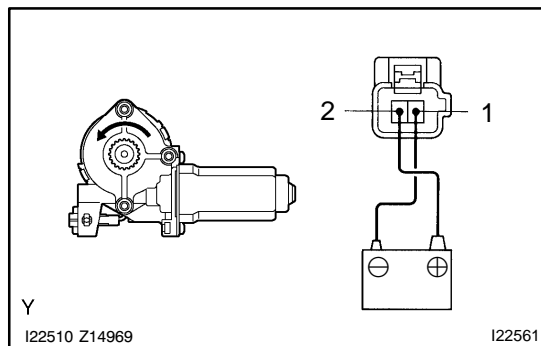
- (b) Reverse the polarity, check that the motor turns counter-clockwise.

If the operation is not as specified, replace the motor.



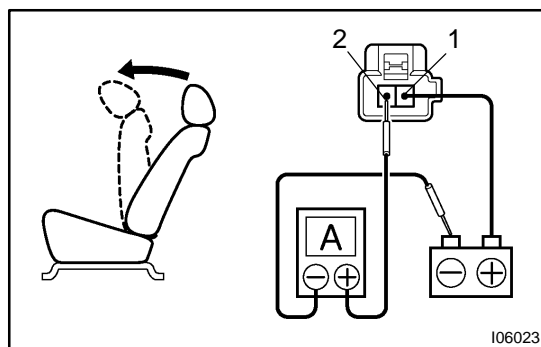
10. INSPECT PASSENGER'S RECLINING MOTOR OPERATION

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



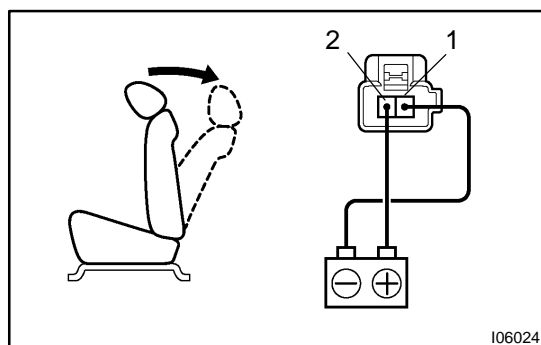
- (b) Reverse the polarity, check that the motor turns counter-clockwise.

If the operation is not as specified, replace the motor.



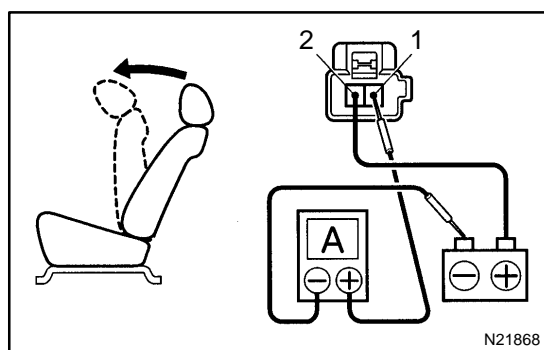
11. INSPECT DRIVER'S SEAT RECLINING MOTOR PTC THERMISTOR OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 1, the positive (+) lead from the ammeter to terminal 2, and the negative (-) lead to battery negative (-) terminal, and recline the seat back to the most forward position.
- (b) Continue to apply voltage, check the current changes to less than 1 ampere within 4 to 90 seconds.
- (c) Disconnect the lead from the terminals.



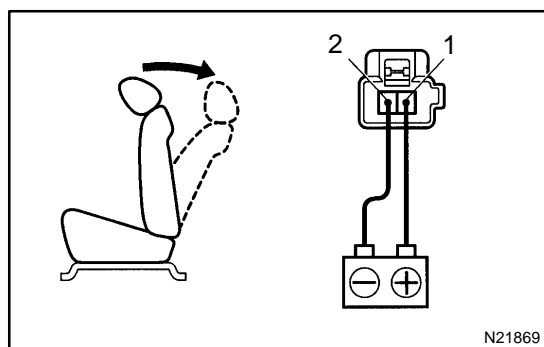
- (d) Approximately 60 seconds later, connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 1, check that the seat back starts to fall backwards.

If the operation is not as specified, replace the motor.



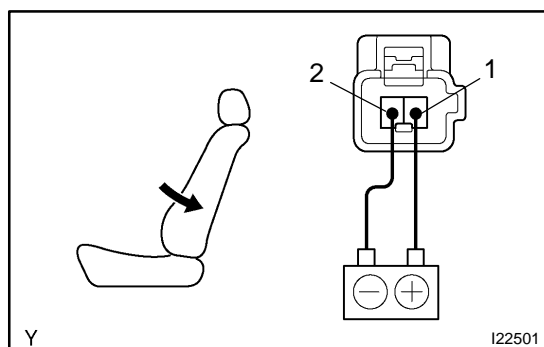
12. INSPECT PASSENGER'S SEAT RECLINING MOTOR PTC THERMISTOR OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 2, the positive (+) lead from the ammeter to terminal 1, and the negative (-) lead to battery negative (-) terminal, and recline the seat back to the most forward position.
- (b) Continue to apply voltage, check the current changes to less than 1 ampere within 4 to 90 seconds.



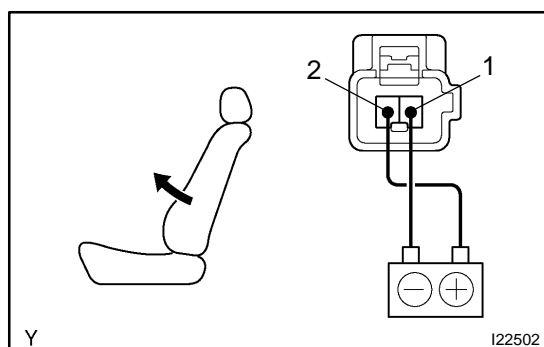
- (c) Disconnect the lead from terminals.
- (d) Approximately 60 seconds later, connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2, check that the seat back starts to fall backwards.

If the operation is not as specified, replace the motor.



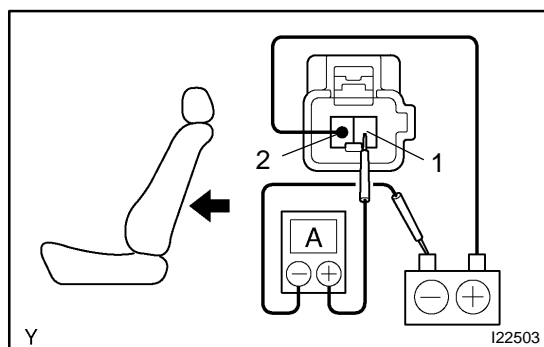
13. INSPECT LUMBAR SUPPORT MOTOR OPERATION

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



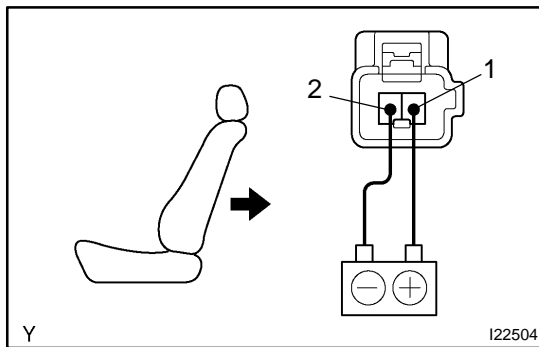
- (b) Reverse the polarity, check that the lumbar support moves forward.

If the operation is not as specified, replace the motor.



14. INSPECT LUMBER SUPPORT MOTOR CIRCUIT BREAKER OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 2, the positive (+) lead from the ammeter to terminal 1, 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, check that there is a circuit breaker operation noise within 4 to 60 seconds.
- (c) Reverse the polarity, check that the lumbar support begins to move to the release side within approximately 60 seconds.

If the operation is not as specified, replace the motor.