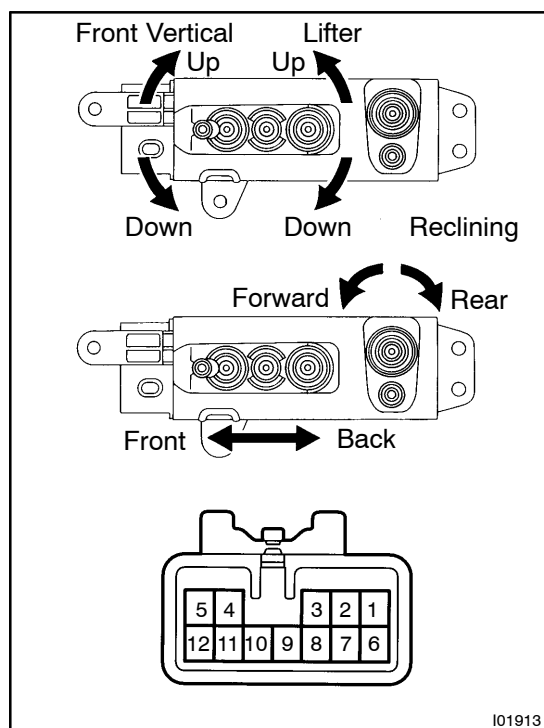


INSPECTION

1. INSPECT DRIVER'S POWER SEAT SWITCH CIRCUIT (See page [DI-1141](#))



2. INSPECT PASSENGER'S POWER SEAT SWITCH CONTINUITY

Slide switch:

Switch position	Tester connection	Specified condition
FRONT	4 - 7 - (6) 8 - 11 - (12)	Continuity
OFF	4 - 7 - (6) - 8	Continuity
BACK	4 - 11 - (12) (6) - 7 - 8	Continuity

Front vertical switch:

Switch position	Tester connection	Specified condition
UP	(6) - 7 - 10 9 - 11 - (12)	Continuity
OFF	(6) - 7 - 9 - 10	Continuity
DOWN	6 - (7) - 9 10 - 11 - (12)	Continuity

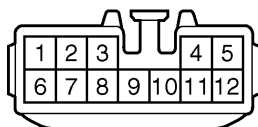
Lifter switch:

Switch position	Tester connection	Specified condition
UP	2 - (6) - 7 3 - 11 - (12)	Continuity
OFF	2 - 3 - (6) - 7	Continuity
DOWN	2 - 11 - (12) 3 - (6) - 7	Continuity

Reclining switch:

Switch position	Tester connection	Specified condition
FORWARD	1 - 11 - (12) 5 - (6) - 7	Continuity
OFF	1 - 5 - (6) - 7	Continuity
REAR	1 - (6) - 7 5 - 11 - (12)	Continuity

If continuity is not as specified, replace the switch.

Wire Harness Side

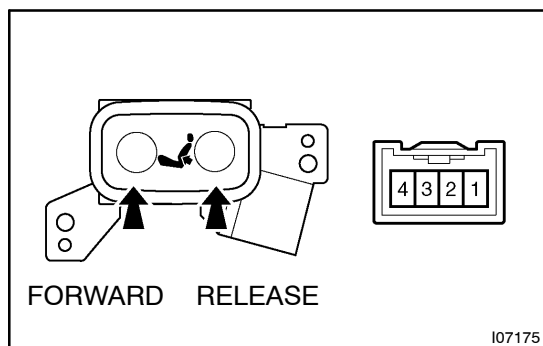
I07173

3. INSPECT PASSENGER'S POWER SEAT SWITCH CIRCUIT

- (a) Disconnect the switch connector and connect the seat wire harness to the floor wire harness.
- (b) Inspect the connector on the wire harness side.

Tester connection	Condition	Specified condition
7 – Ground	Always	Continuity
11 – Ground	Always	Battery positive voltage

If circuit is not as specified, inspect the circuits connected to other parts.

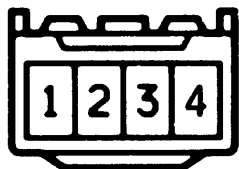


I07175

4. INSPECT DRIVER'S LUMBAR SUPPORT SWITCH CONTINUITY

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

If continuity is not as specified, replace the switch.

Wire Harness Side

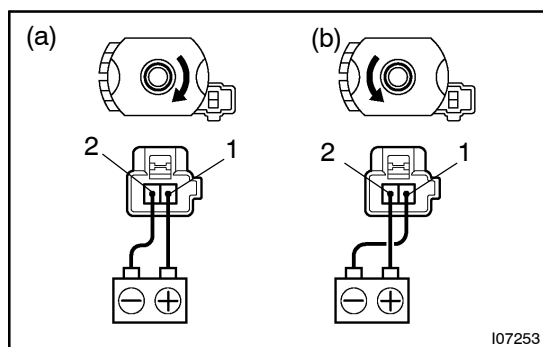
I04162

5. INSPECT DRIVER'S LUMBAR SUPPORT SWITCH CIRCUIT

- (a) Disconnect the switch connector and connect the seat wire harness to the floor wire harness.
- (b) Inspect the connector on the wire harness side.

Tester connection	Condition	Specified condition
3 – Ground	Always	Continuity
4 – Ground	Always	Battery positive voltage

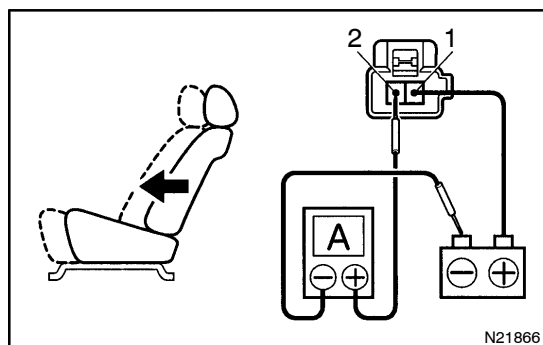
If circuit is not as specified, inspect the circuits connected to other parts.



6. INSPECT SLIDE MOTOR OPERATION

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

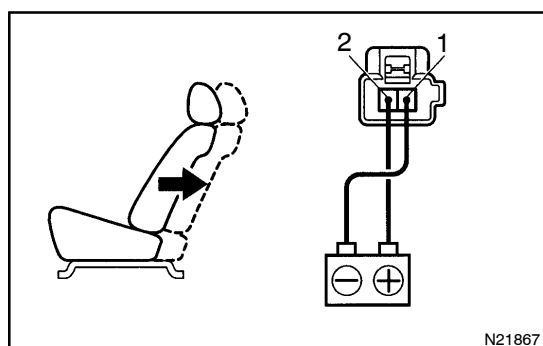
If operation is not as specified, replace the seat adjuster.



7. INSPECT SLIDE MOTOR PTC THERMISTOR OPERATION

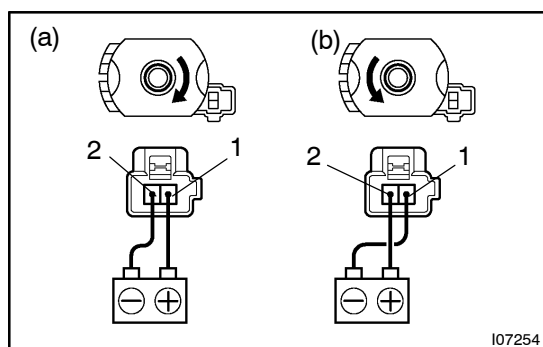
(): Passenger side

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



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

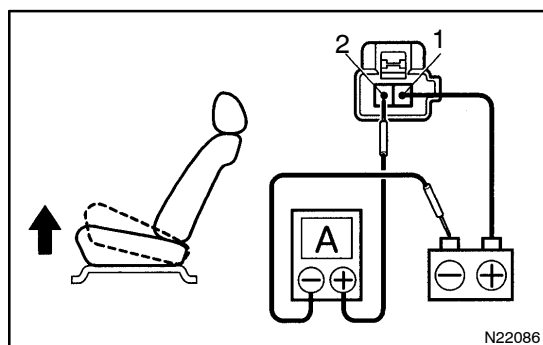
If operation is not as specified, replace the seat adjuster.



8. INSPECT FRONT VERTICAL MOTOR OPERATION

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

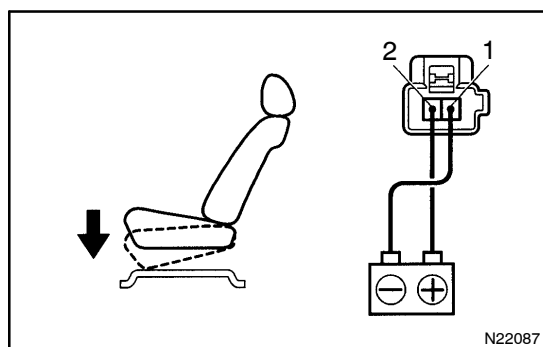
If operation is not as specified, replace the seat adjuster.



9. INSPECT FRONT VERTICAL MOTOR PTC THERMISTOR OPERATION

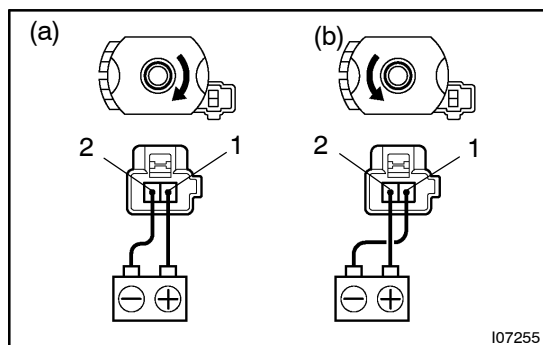
(): Passenger side

- Connect the battery positive (+) lead to terminal 1 (2), the ammeter positive (+) lead to terminal 2 (1) and the ammeter negative (-) lead to the battery negative (-) terminal, then move the seat cushion to the highest position.
- Continue to apply voltage, and check that 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 battery positive (+) lead to terminal 2 (1) and the battery negative (-) lead to terminal 1 (2), and check that the seat cushion begins to descend.

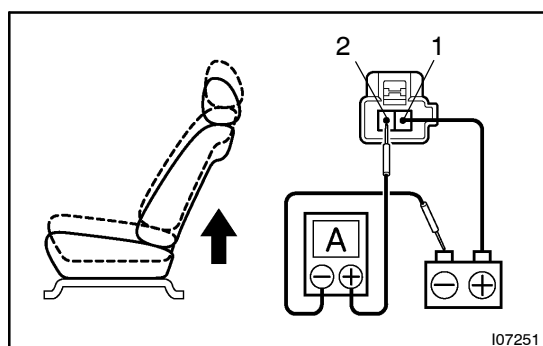
If operation is not as specified, replace the seat adjuster.



10. INSPECT LIFTER MOTOR OPERATION

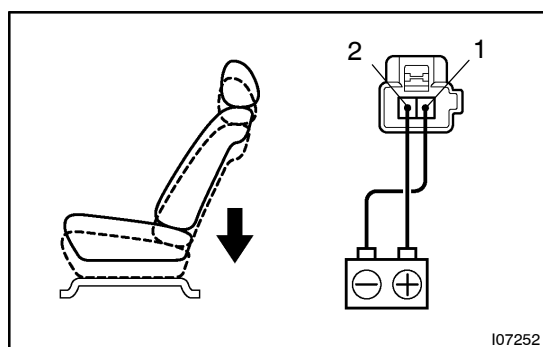
- (a) Connect the battery positive (+) lead to terminal 1 and the battery negative (-) lead to terminal 2, and check that the motor turns clockwise.
- (b) Reverse the polarity, and check that the motor turns counterclockwise.

If operation is not as specified, replace the seat adjuster.



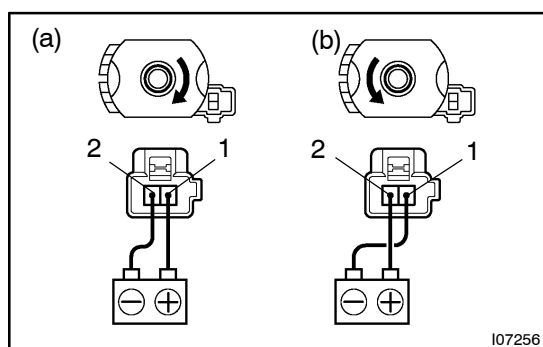
11. INSPECT LIFTER MOTOR PTC THERMISTOR OPERATION

- (a) Connect the battery positive (+) lead to terminal 1 (2), the ammeter positive (+) lead to terminal 2 (1) and the ammeter negative (-) lead to the battery negative (-) terminal, then move the seat to the highest position.
- (b) Continue to apply voltage, and check that 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 battery positive (+) lead to terminal 2 (1) and the battery negative (-) lead to terminal 1 (2), and check that the seat begins to descend.

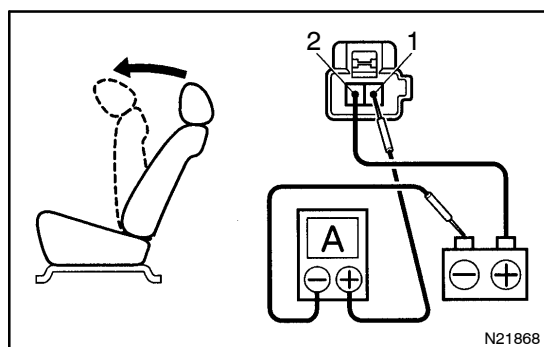
If operation is not as specified, replace the seat adjuster.



12. INSPECT RECLINING MOTOR OPERATION

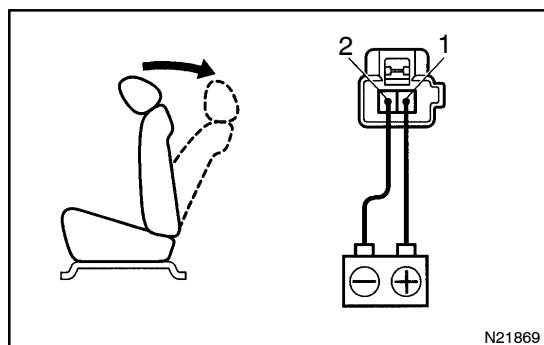
- (a) Connect the battery positive (+) lead to terminal 1 and the battery negative (-) lead to terminal 2, and check that the motor turns clockwise.
- (b) Reverse the polarity, and check that the motor turns counterclockwise.

If operation is not as specified, replace the seat adjuster.



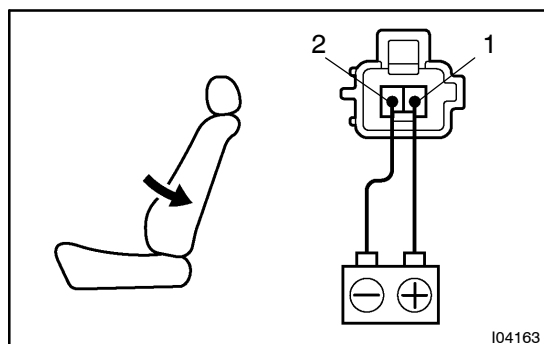
13. INSPECT RECLINING MOTOR PTC THERMISTOR OPERATION

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



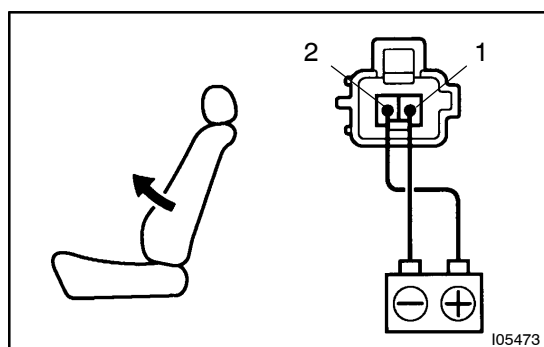
- (c) Disconnect the leads from the terminals.
- (d) Approximately 60 seconds later, connect the battery positive (+) lead to terminal 1 and the battery negative (-) lead to terminal 2, and check that the seat back begins to fall backward.

If operation is not as specified, replace the seat adjuster.



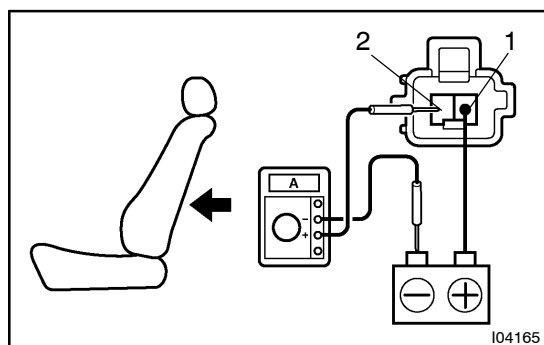
14. INSPECT LUMBAR SUPPORT MOTOR OPERATION

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



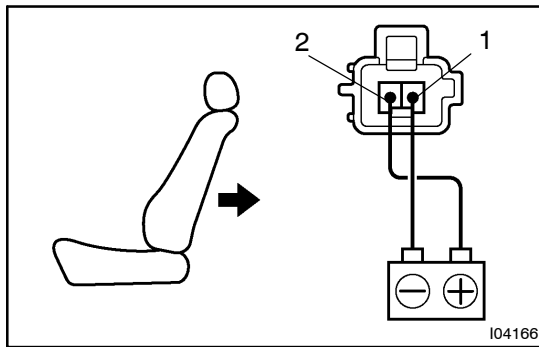
- (b) Reverse the polarity, check that the lumbar support moves forward.

If operation is not as specified, replace the seat adjuster.



15. INSPECT LUMBAR SUPPORT MOTOR CIRCUIT BREAKER OPERATION

- (a) Connect the battery positive (+) lead to terminal 2 and the battery 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 a circuit breaker operation noise can be heard 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 operation is not as specified, replace the motor.