

INSPECTION

1. INSPECT POWER SEAT SWITCH CONTINUITY

Slide switch:

Switch Position	Tester Connection	Specified Condition
FRONT	1 – 9, 4 – 6	Continuity
OFF	4 – 6 – 9	Continuity
BACK	1 – 6, 4 – 9	Continuity

Front tilt switch:

Switch Position	Tester Connection	Specified Condition
UP	1 – 10, 4 – 5	Continuity
OFF	4 – 5 – 10	Continuity
DOWN	1 – 5, 4 – 10	Continuity

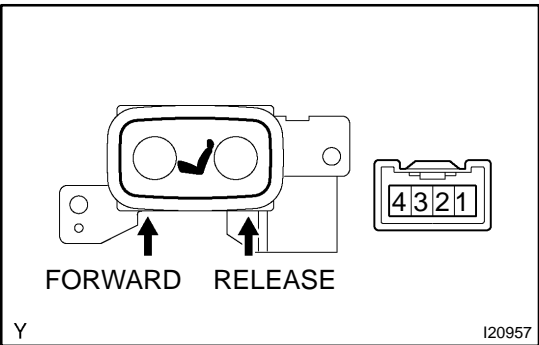
Rear lifter switch:

Switch Position	Tester Connection	Specified Condition
UP	1 – 7, 4 – 8	Continuity
OFF	4 – 7 – 8	Continuity
DOWN	1 – 8, 4 – 7	Continuity

Reclining switch:

Switch Position	Tester Connection	Specified Condition
FORWARD	1 – 3, 2 – 4	Continuity
OFF	2 – 3 – 4	Continuity
REAR	1 – 2, 3 – 4	Continuity

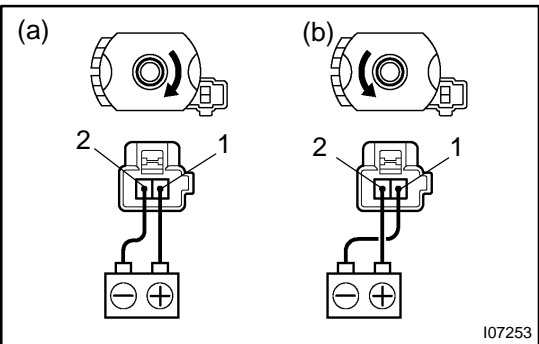
If the continuity is not as specified, replace the switch.



2. INSPECT 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

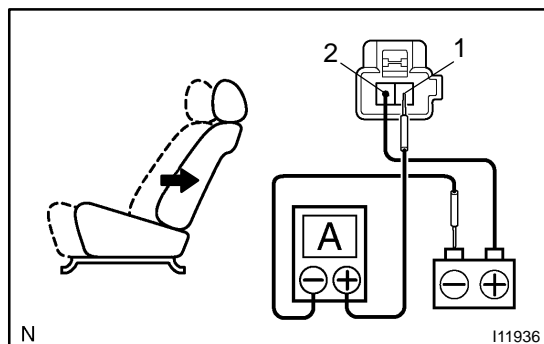
If the continuity is not as specified, replace the switch.



3. INSPECT SLIDE MOTOR OPERATION

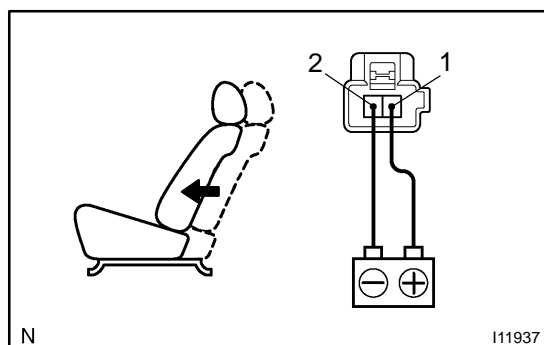
- Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2. Check that the motor turns clockwise.
- Reverse the polarity, and check that the motor turns counterclockwise.

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



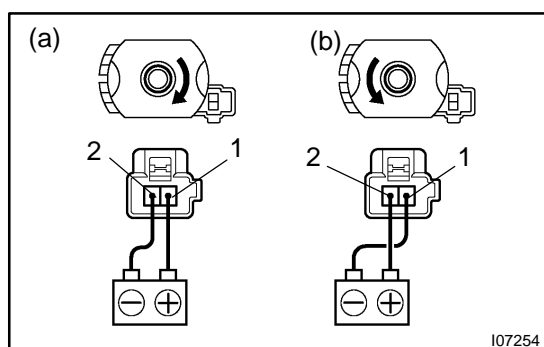
4. INSPECT SLIDE MOTOR PTC THERMISTOR OPERATION

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



- Disconnect the leads from the terminals.
- 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 cushion begins to move forward.

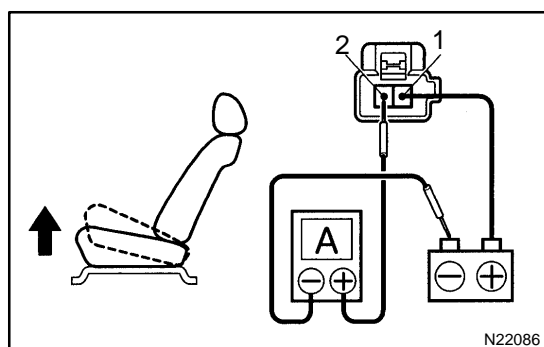
If operation is not as specified, replace the seat adjuster.



5. INSPECT FRONT TILT MOTOR OPERATION

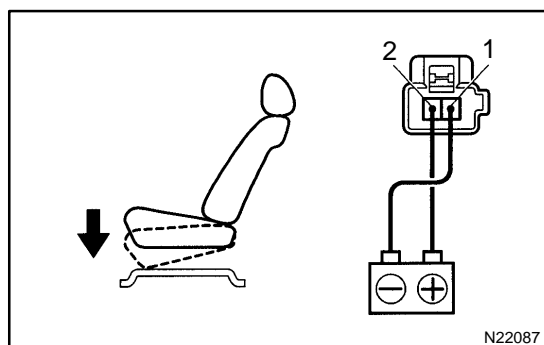
- Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2. Check that the motor turns clockwise.
- Reverse the polarity, and check that the motor turns counterclockwise.

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



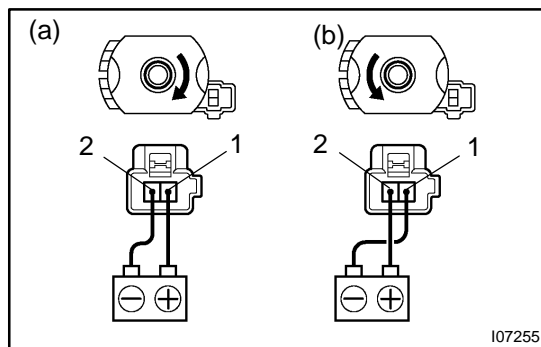
6. INSPECT FRONT TILT MOTOR PTC THERMISTOR OPERATION

- Connect the positive (+) lead from the battery to terminal 1, the positive (+) lead from the ammeter to terminal 2 and the negative (-) lead to 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 A within 4 to 90 seconds.



- Disconnect the leads from the terminals.
- 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 cushion begins to descend.

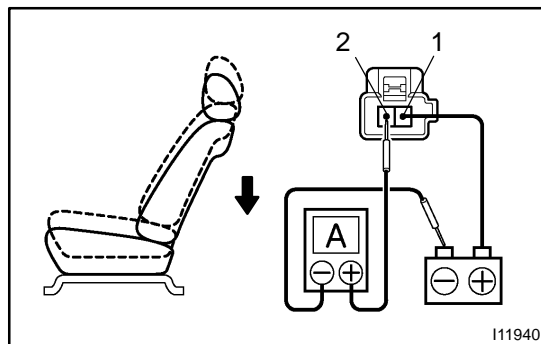
If operation is not as specified, replace the seat adjuster.



7. INSPECT LIFTER MOTOR OPERATION

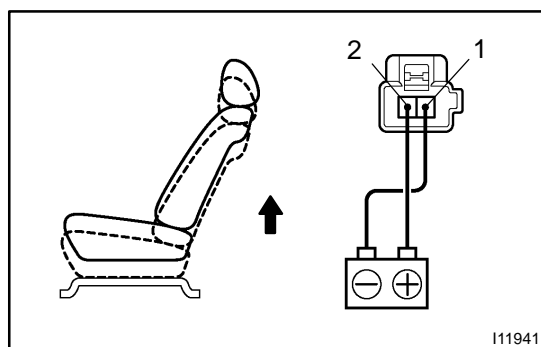
- Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2. Check that the motor turns clockwise.
- Reverse the polarity, and check that the motor turns counterclockwise.

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



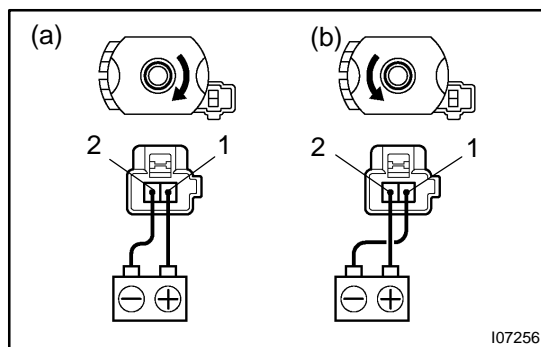
8. INSPECT LIFTER MOTOR PTC THERMISTOR OPERATION

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



- Disconnect the leads from the terminals.
- 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 cushion begins to ascend.

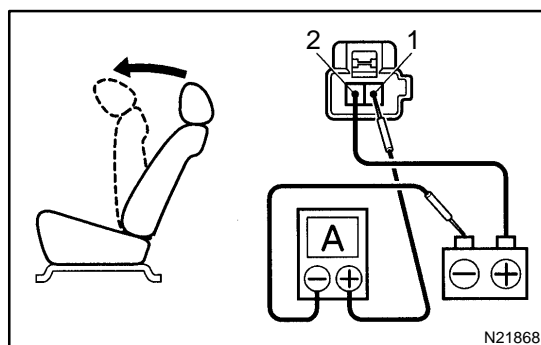
If operation is not as specified, replace the seat adjuster.



9. INSPECT RECLINING MOTOR OPERATION

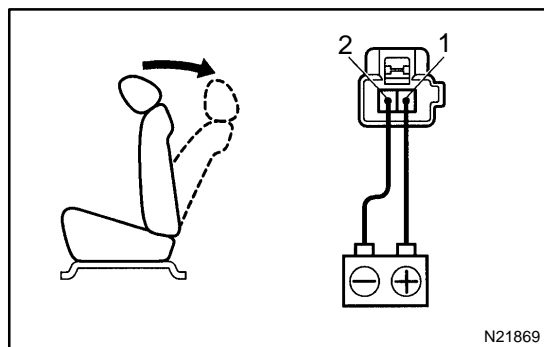
- Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2. Check that the motor turns clockwise.
- Reverse the polarity, and check that the motor turns counterclockwise.

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



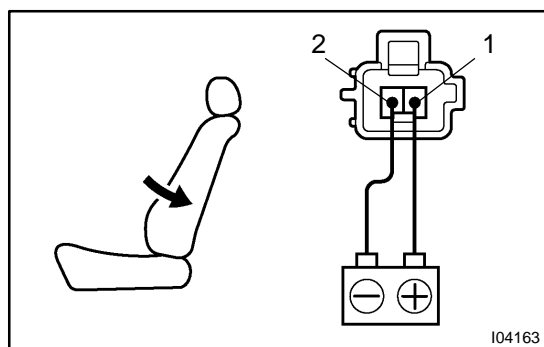
10. INSPECT RECLINING MOTOR PTC THERMISTOR OPERATION

- Connect the positive (+) lead from the battery to terminal 2, the positive (+) lead from the ammeter to terminal 1 and the negative (-) lead to the battery negative (-) terminal. Then recline the seatback to the most forward position.
- Continue to apply voltage, and check that the current changes to less than 1 A within 4 to 90 seconds.



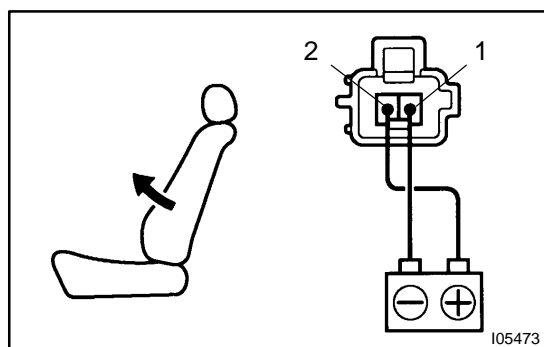
- (c) Disconnect the leads from the terminals.
- (d) Approximately 60 seconds later, connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2. Check that the seatback begins to fall backward.

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



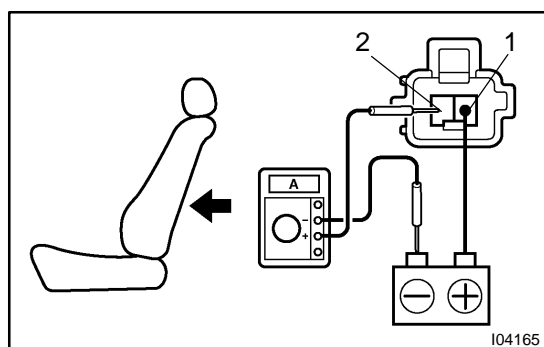
11. INSPECT LUMBAR SUPPORT MOTOR OPERATION

- (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 the release side.



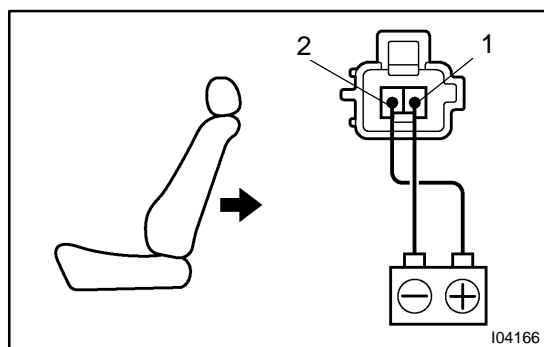
- (b) Reverse the polarity, and check that the lumbar support moves forward.

If operation is not as specified, replace the lumbar support adjuster.



12. INSPECT LUMBAR SUPPORT MOTOR 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. Move the lumbar support to the 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, and check that the lumbar support begins to move to the release side within approximately 60 seconds.

If operation is not as specified, replace the lumbar support adjuster.