

INSPECTION

1. INSPECT DRIVER'S POWER SEAT SWITCH CONTINUITY

Slide switch:

Switch position	Tester connection	Specified condition
FRONT	11 - 14 12 - 13	Continuity
OFF	11 - 13 12 - 13	Continuity
BACK	11 - 13 12 - 14	Continuity

Front vertical switch:

Switch position	Tester connection	Specified condition
UP	9 - 14 10 - 13	Continuity
OFF	9 - 13 10 - 13	Continuity
DOWN	9 - 13 10 - 14	Continuity

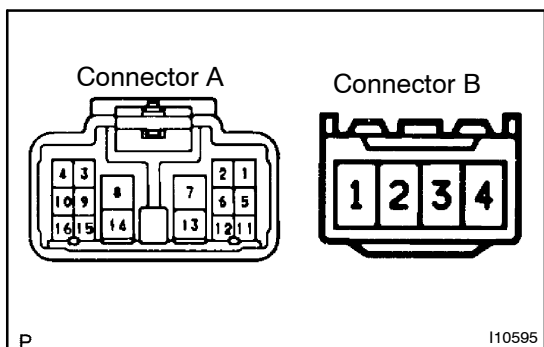
Lifter switch:

Switch position	Tester connection	Specified condition
UP	5 - 14 6 - 13	Continuity
OFF	5 - 13 6 - 13	Continuity
DOWN	5 - 13 6 - 14	Continuity

Reclining switch:

Switch position	Tester connection	Specified condition
FORWARD	4 - 14 3 - 13	Continuity
OFF	4 - 13 3 - 13	Continuity
REAR	4 - 13 3 - 14	Continuity

If continuity is not as specified, replace the switch.

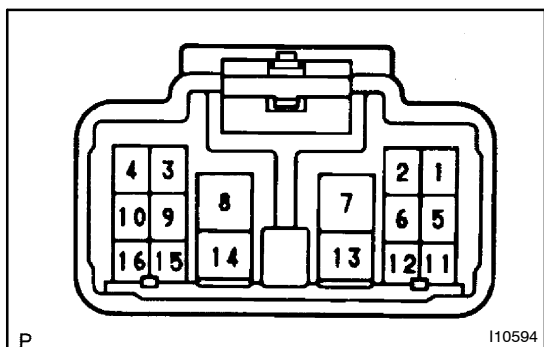


2. INSPECT POWER SEAT SWITCH AND LUMBER SUPPORT SWITCH CONTINUITY

Inspect continuity between power seat switch and lumbar support switch.

Terminals	Specified condition
A1 - B4	Continuity
A2 - B3	Continuity
A7 - B2	Continuity
A8 - B1	Continuity

If continuity is not as specified, replace the wire harness.



3. INSPECT PASSENGER'S POWER SEAT SWITCH CONTINUITY

Slide switch:

Switch position	Tester connection	Specified condition
FRONT	7 - 12	Continuity
OFF	-	No continuity
BACK	7 - 11	Continuity

Front vertical switch:

Switch position	Tester connection	Specified condition
UP	10 - 14	Continuity
	9 - 13	
OFF	9 - 13	Continuity
	10 - 13	
DOWN	10 - 13	Continuity
	9 - 14	

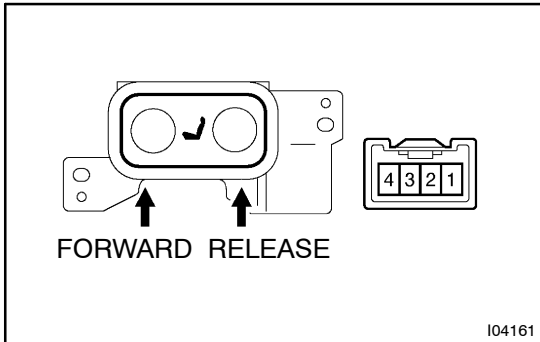
Lifter switch:

Switch position	Tester connection	Specified condition
UP	4 - 14	Continuity
	3 - 13	
OFF	3 - 13	Continuity
	4 - 13	
DOWN	4 - 13	Continuity
	3 - 14	

Reclining switch:

Switch position	Tester connection	Specified condition
FORWARD	5 - 7	Continuity
OFF	-	No continuity
REAR	6 - 7	Continuity

If continuity is not as specified, replace the switch.



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4. INSPECT PASSENGER'S POWER SEAT SWITCH CONTINUITY

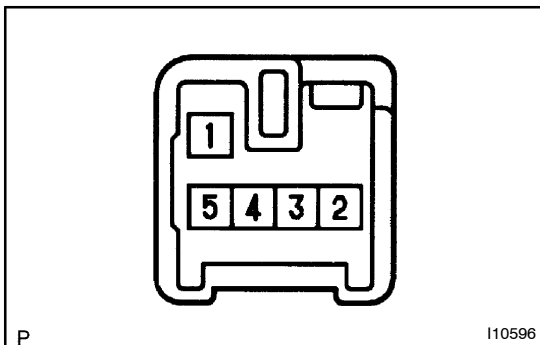
Slide switch:

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

5. INSPECT POWER SEAT FOR LH SEAT CONTINUITY (IN CENTER CONSOLE, FOR RECLINING)

Switch position	Tester connection	Specified condition
FRONT	2 - 5	Continuity
OFF	-	No continuity
REAR	2 - 3	Continuity
Illumination	1 - 4	Continuity

If continuity is not as specified, replace the switch.

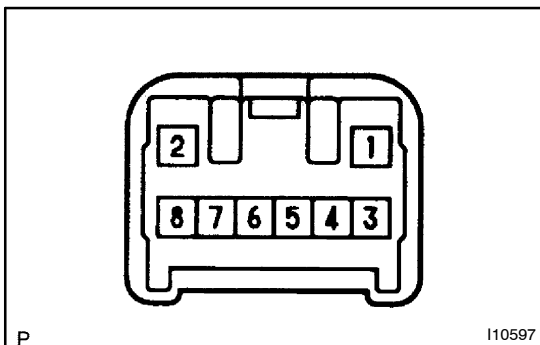


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6. INSPECT POWER SEAT FOR LH SEAT CONTINUITY (IN CENTER CONSOLE, FOR SLIDE)

Switch position	Tester connection	Specified condition
FRONT	6 - 8	Continuity
OFF	-	No continuity
REAR	5 - 6	Continuity
Illumination	2 - 7	Continuity

If continuity is not as specified, replace the switch.

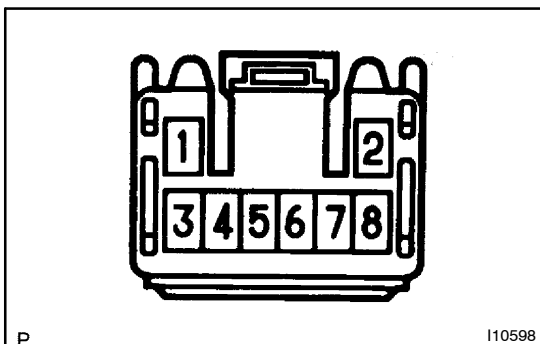


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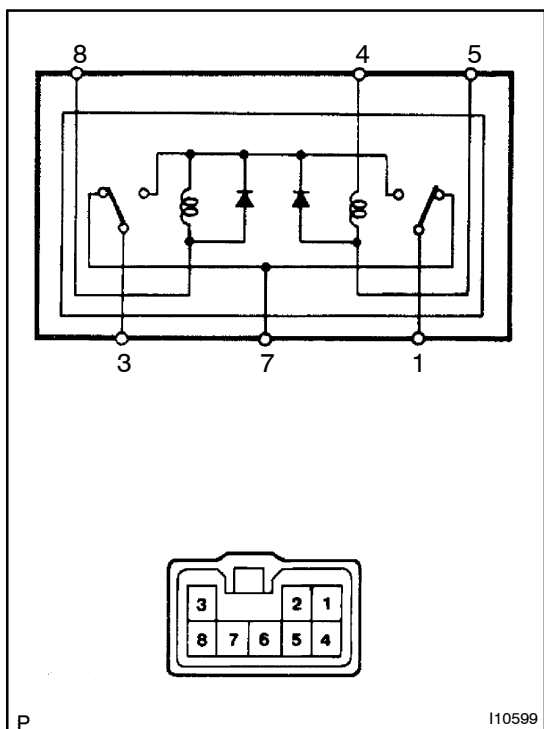
7. INSPECT POWER SEAT SWITCH LH SEAT CONTINUITY (IN REAR SEAT CENTER ARM REST)

Switch position	Tester connection	Specified condition
FRONT	2 - 5	Continuity
OFF	-	No continuity
REAR	2 - 6	Continuity
Illumination	1 - 8	Continuity

If continuity is not as specified, replace the switch.



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8. INSPECT POWER SEAT RELAY CONTINUITY

Condition	Tester connection	Specified condition
Constant	1 - 7	Continuity
	3 - 7	
	4 - 5	
	4 - 8	

If continuity is not as specified, replace the relay.

9. INSPECT POWER SEAT RELAY VOLTAGE

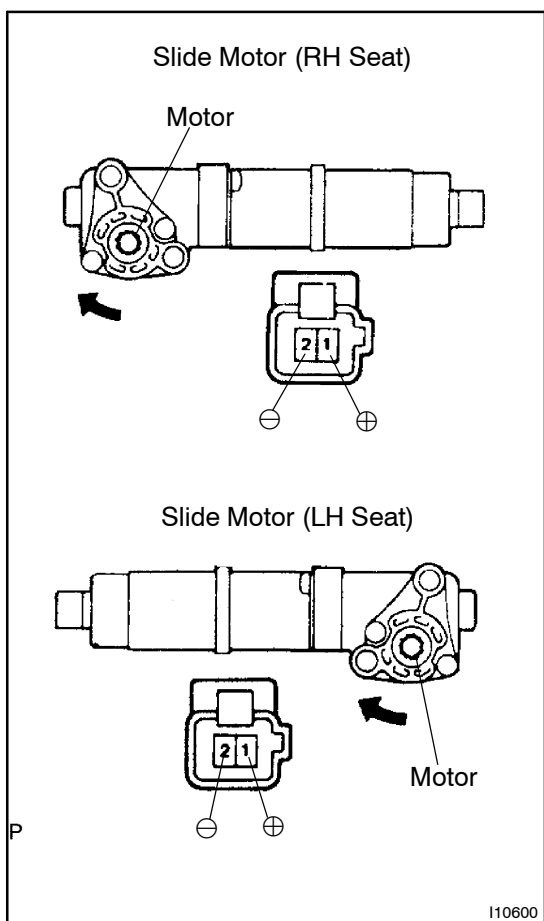
Condition	Tester connection	Specified condition
Apply B+ between terminals 4 and 5.	1 - Ground	Battery positive voltage
Apply B+ between terminals 4 and 8.	1 - Ground	Battery positive voltage

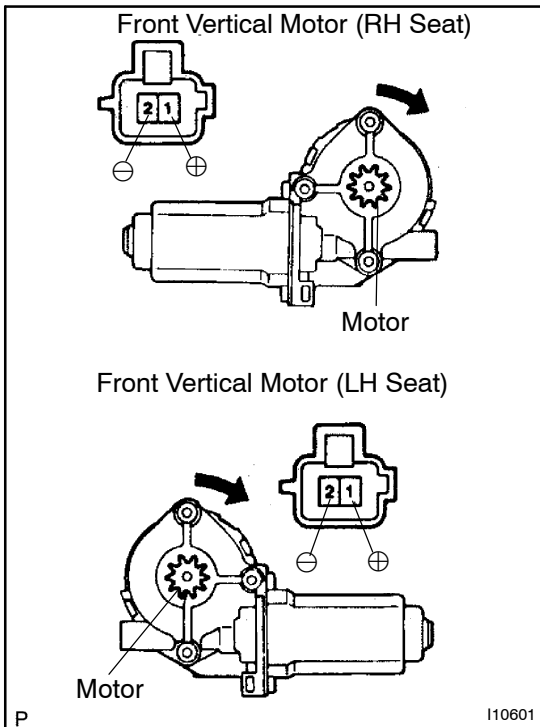
If continuity is not as specified, replace the relay.

10. INSPECT SLIDE MOTOR OPERATION

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

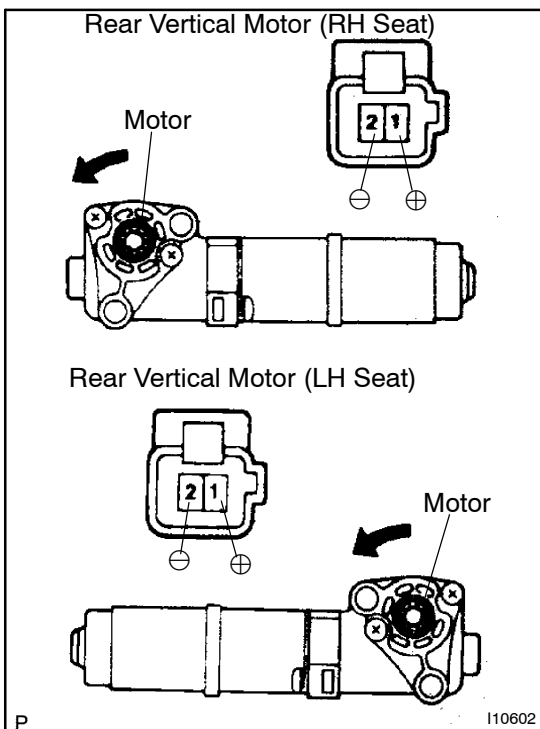
If operation is not as specified, replace the seat adjuster.



**11. INSPECT FRONT VERTICAL MOTOR OPERATION**

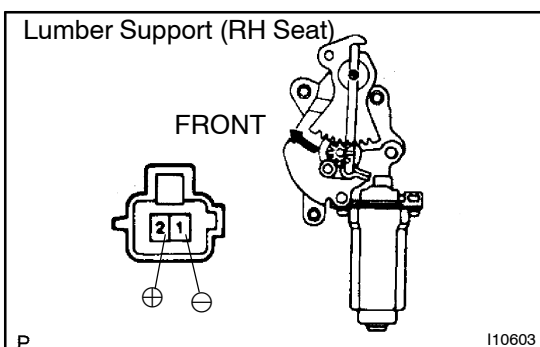
- Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2, check that the motor turns clockwise.
- Reverse the polarity, check that the motor turns counter-clockwise.

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

**12. INSPECT REAR VERTICAL MOTOR OPERATION**

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

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

**13. 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, check that the motor turns counter-clockwise.

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

14. INSPECT PTC IN POWER SEAT MOTOR**NOTICE:**

Check with the PTC being assembled to the adjuster assembly.

- (a) Set the seat to the front-, rear-, up- or down- most position and wait for about 60 seconds.
- (b) Measure the time until the current is shut down (the motor operating sounds stop) when the power seat switch is operated further in the same direction.

Standard: Shut-down by approx. 4 – 40 sec

- (c) Wait for about 60 sec after the above shut-down check, and check that the motor activates when the power seat switch is operated in the reverse direction.