

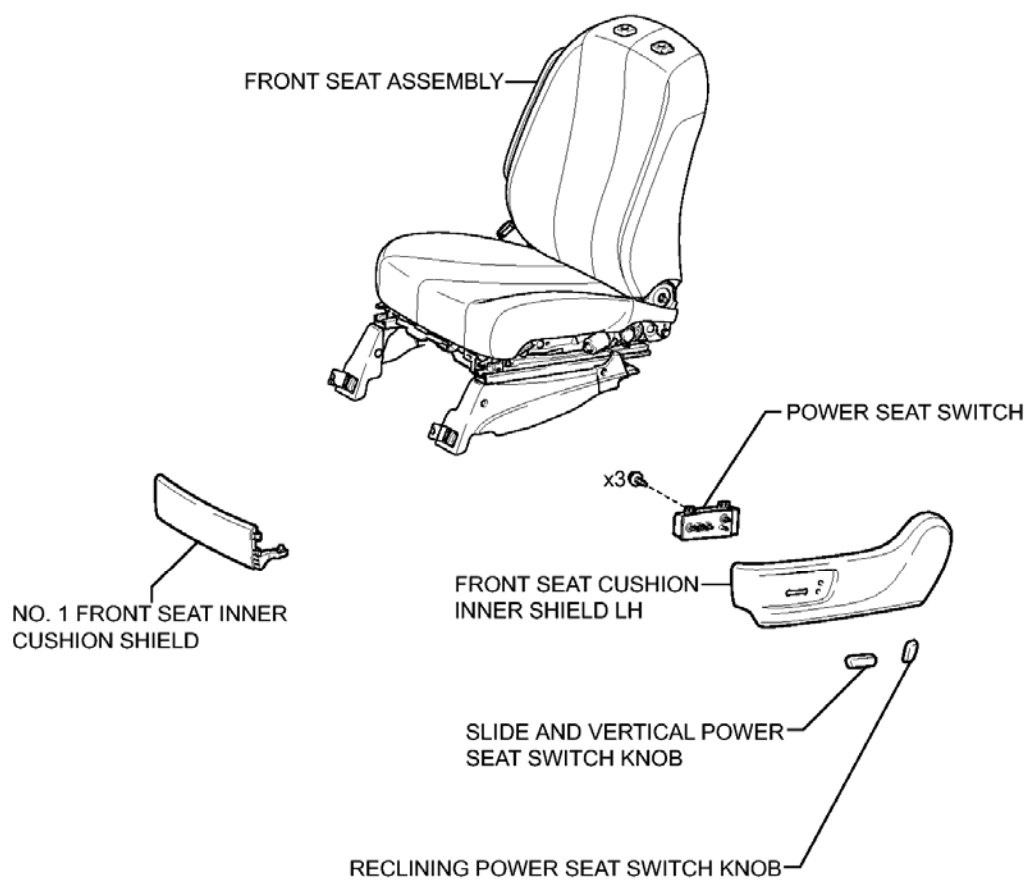
ACCESSORIES & EQUIPMENT

Power Seat Switch (w/o Memory) (Service Information) - Sienna

POWER SEAT SWITCH (W/O SEAT POSITION MEMORY SYSTEM)

COMPONENTS

ILLUSTRATION



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Fig. 1: Power Seat Switch Replacement Components (w/o Seat Position Memory System)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REMOVAL

REMOVAL

WARNING: Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

REMOVAL

1. REMOVE FRONT SEAT ASSEMBLY

- a. Remove the front seat assembly. Refer to **REMOVAL - Step 3** .

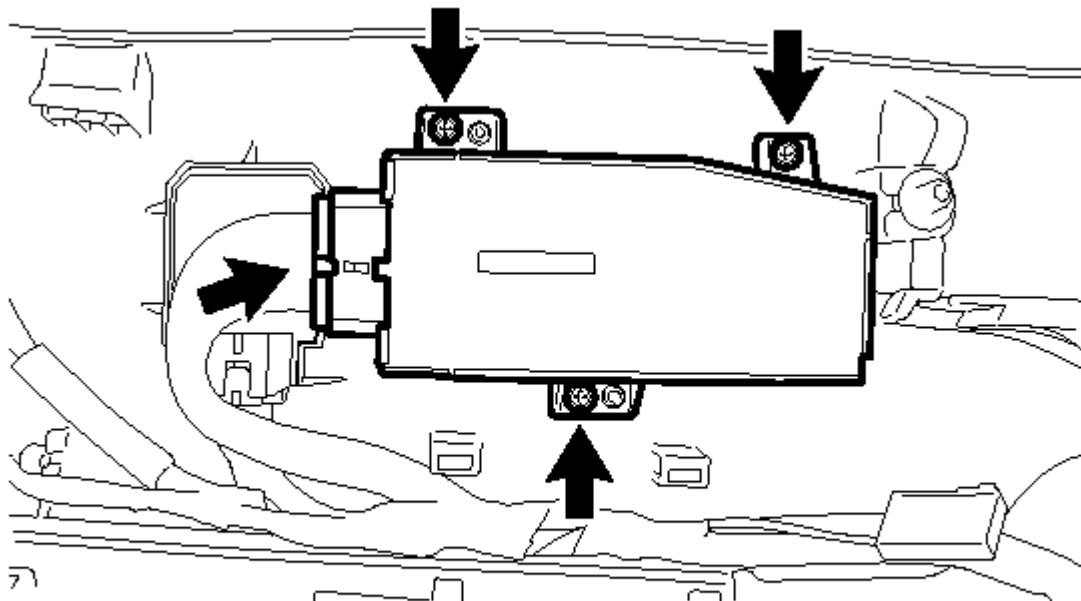
2. REMOVE NO. 1 FRONT SEAT INNER CUSHION SHIELD . Refer to **DISASSEMBLY - Step 6**

3. REMOVE RECLINING POWER SEAT SWITCH KNOB . Refer to **DISASSEMBLY - Step 11**

4. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB . Refer to **DISASSEMBLY - Step 12**

5. REMOVE FRONT SEAT CUSHION INNER SHIELD LH . Refer to **DISASSEMBLY - Step 13**

6. REMOVE POWER SEAT SWITCH



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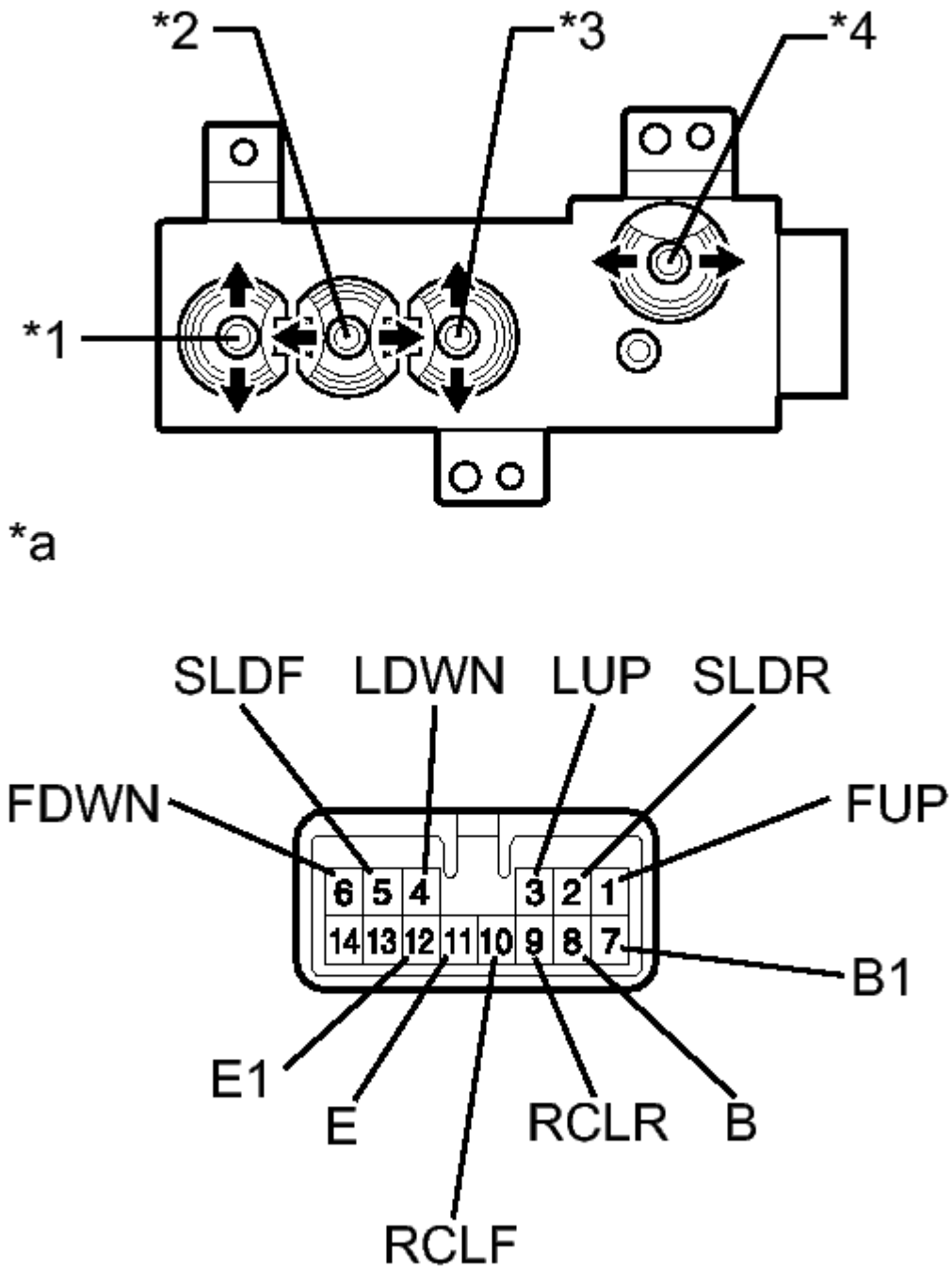
Fig. 2: Identifying Power Seat Switch, Connector & Screws
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- a. Remove the 3 screws.
- b. Disconnect the power seat switch connector and remove the switch.

INSPECTION

INSPECTION

1. INSPECT FRONT POWER SEAT SWITCH LH



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Fig. 3: Measuring Front Power Seat Switch LH Resistance

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- a. Measure the resistance according to the value(s) in the table below.

Standard Resistance

Slide Switch

Front Vertical Switch

Lifter Switch

Reclining Switch

Tester Connection	Switch Condition	Specified Condition
5 (SLDF) - 8 (B) 5 (SLDF) - 7 (B1)	Front	Below 1 ohms
2 (SLDR) - 11 (E) 2 (SLDR) - 12 (E1)		
5 (SLDF) - 11 (E) 5 (SLDF) - 12 (E1)		
2 (SLDR) - 11 (E) 2 (SLDR) - 12 (E1)	Off	
5 (SLDF) - 11 (E) 5 (SLDF) - 12 (E1)		
2 (SLDR) - 8 (B) 2 (SLDR) - 7 (B1)	Rear	
5 (SLDF) - 11 (E) 5 (SLDF) - 12 (E1)		

Tester Connection	Switch Condition	Specified Condition
1 (FUP) - 8 (B) 1 (FUP) - 7		

(B1)	Up	Below 1 ohms
6 (FDWN) - 11 (E)		
6 (FDWN) - 12 (E1)		
1 (FUP) - 11 (E)	Off	
1 (FUP) - 12 (E1)		
6 (FDWN) - 11 (E)		
6 (FDWN) - 12 (E1)	Down	
1 (FUP) - 11 (E)		
1 (FUP) - 12 (E1)		
6 (FDWN) - 8 (B)		
6 (FDWN) - 7 (B1)		

Tester Connection	Switch Condition	Specified Condition
3 (LUP) - 8 (B) 3 (LUP) - 7 (B1)	Up	Below 1 ohms
4 (LDWN) - 11 (E) 4 (LDWN) - 12 (E1)		
3 (LUP) - 11 (E) 3 (LUP) - 12 (E1)		
4 (LDWN) - 11 (E) 4 (LDWN) - 12 (E1)	Off	
3 (LUP) - 11 (E) 3 (LUP) - 12 (E1)		
4 (LDWN) - 11 (E) 4 (LDWN) - 12 (E1)		
3 (LUP) - 11 (E) 3 (LUP) - 12 (E1)	Down	
4 (LDWN) - 8 (B)		

4 (LDWN) - 7 (B1)		
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Tester Connection	Switch Condition	Specified Condition
10 (RCLF) - 8 (B) 10 (RCLF) - 7 (B1)	Front	Below 1 ohms
9 (RCLR) - 11 (E) 9 (RCLR) - 12 (E1)		
10 (RCLF) - 11 (E) 10 (RCLF) - 12 (E1)		
9 (RCLR) - 11 (E) 9 (RCLR) - 12 (E1)	Off	
10 (RCLF) - 11 (E) 10 (RCLF) - 12 (E1)		
9 (RCLR) - 8 (B) 9 (RCFR) - 7 (B1)		
	Rear	

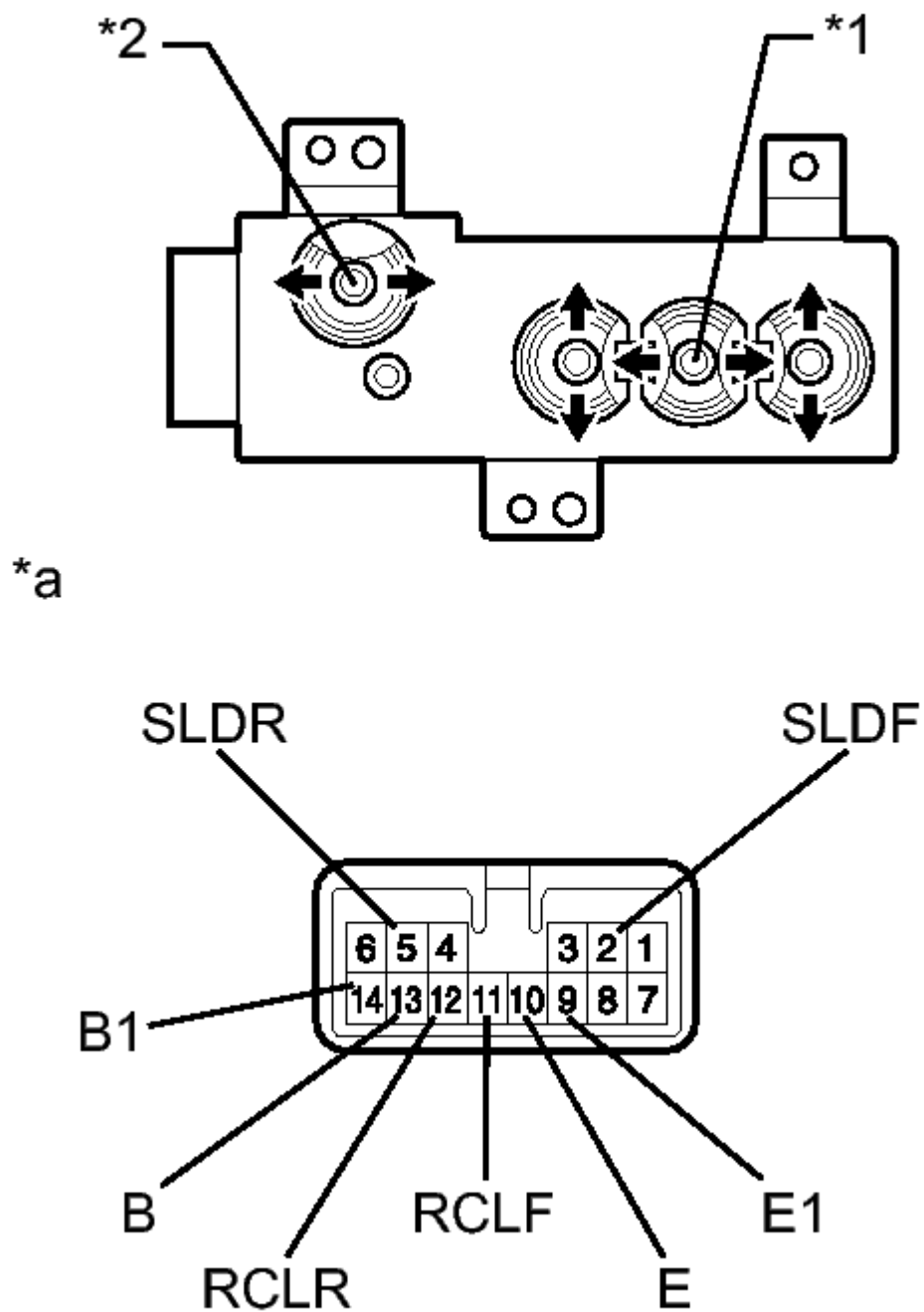
If the result is not as specified, replace the front power seat switch.

TEXT IN ILLUSTRATION

*1	Front Vertical Switch
*2	Slide Switch
*3	Lifter Switch
*4	Reclining Switch
	Component without harness

*a	connected (Front Power Seat Switch LH)
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2. INSPECT FRONT POWER SEAT SWITCH RH



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Fig. 4: Measuring Front Power Seat Switch RH Resistance
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- a. Measure the resistance according to the value(s) in the table below.

Standard Resistance

Slide Switch

Reclining Switch

Tester Connection	Switch Condition	Specified Condition
2 (SLDF) - 13 (B) 2 (SLDF) - 14 (B1)	Front	Below 1 ohms
5 (SLDR) - 10 (E) 5 (SLDR) - 9 (E1)		
2 (SLDF) - 10 (E) 2 (SLDF) - 9 (E1)	Off	
5 (SLDR) - 10 (E) 5 (SLDR) - 9 (E1)		
2 (SLDF) - 10 (E) 2 (SLDF) - 9 (E1)	Rear	
5 (SLDR) - 13 (B) 5 (SLDR) - 14 (B1)		

Tester Connection	Switch Condition	Specified Condition
11 (RCLF) - 13 (B) 11 (RCLF) - 14 (B1)	Front	
12 (RCLR) - 10 (E) 12 (RCLR) - 9 (E1)		
11 (RCLF) - 10 (E) 11 (RCLF)		

- 9 (E1)	Off	Below 1 ohms
12 (RCLR)		
- 10 (E)		
12 (RCLR)		
- 9 (E1)		
11 (RCLF)	Rear	
- 10 (E)		
11 (RCLF)		
- 9 (E1)		
12 (RCLR)		
- 13 (B)		
12 (RCFR)		
- 14 (B1)		

If the result is not as specified, replace the front power seat switch.

TEXT IN ILLUSTRATION

*1	Slide Switch
*2	Reclining Switch
*a	Component without harness connected (Front Power Seat Switch RH)

INSTALLATION

INSTALLATION

WARNING: Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

INSTALLATION

1. INSTALL POWER SEAT SWITCH

- a. Connect the power seat switch connector.
 - b. Install the power seat switch with the 3 screws.
2. **INSTALL FRONT SEAT CUSHION INNER SHIELD LH** . Refer to **REASSEMBLY - Step 24**
3. **INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB** . Refer to **REASSEMBLY - Step 25**
4. **INSTALL RECLINING POWER SEAT SWITCH KNOB** . Refer to **REASSEMBLY - Step 26**
5. **INSTALL NO. 1 FRONT SEAT INNER CUSHION SHIELD** . Refer to **REASSEMBLY - Step 31**
6. **INSTALL FRONT SEAT ASSEMBLY**
 - a. Install the front seat assembly. Refer to **INSTALLATION - Step 1** .