

PROBLEM SYMPTOMS TABLE

FRONT POWER SEAT CONTROL SYSTEM (w/o Memory)

Symptom	Suspected area	See page
Power seat does not operate	1. P/SEAT M-fuse	-
	2. ECU-IG NO. 1 fuse	-
	3. IG1 relay	-
	4. Front power seat switch	SE-75
	5. Wire harness	-
Only slide operation function does not operate	1. Front power seat switch	SE-75
	2. Slide motor	SE-77
	3. Wire harness	-
Only front vertical operation function does not operate (Driver seat only)	1. Front power seat switch	SE-75
	2. Front vertical motor	SE-77
	3. Wire harness	-
Only lifter operation function does not operate (Driver seat only)	1. Front power seat switch	SE-75
	2. Lifter motor	SE-77
	3. Wire harness	-
Only reclining operation function does not operate	1. Front power seat switch	SE-75
	2. Reclining motor	SE-77
	3. Wire harness	-
Only lumbar support operation function does not operate (Driver seat only)	1. Power seat switch assembly (Lumbar support)	SE-80
	2. Lumbar support adjuster motor	SE-81
	3. Wire harness	-

ON-VEHICLE INSPECTION

1. CHECK POWER SEAT FUNCTION

- (a) Check the basic functions.
- (1) Check that each part functions properly (sliding, front vertical, lifter, reclining and lumbar support) when operating the power seat switches.

2. CHECK POWER SEAT MOTOR ASSEMBLY

HINT:

Sliding, front vertical, lifter, reclining functions

- (a) Inspect the PTC operation inside the power seat motor.

NOTICE:

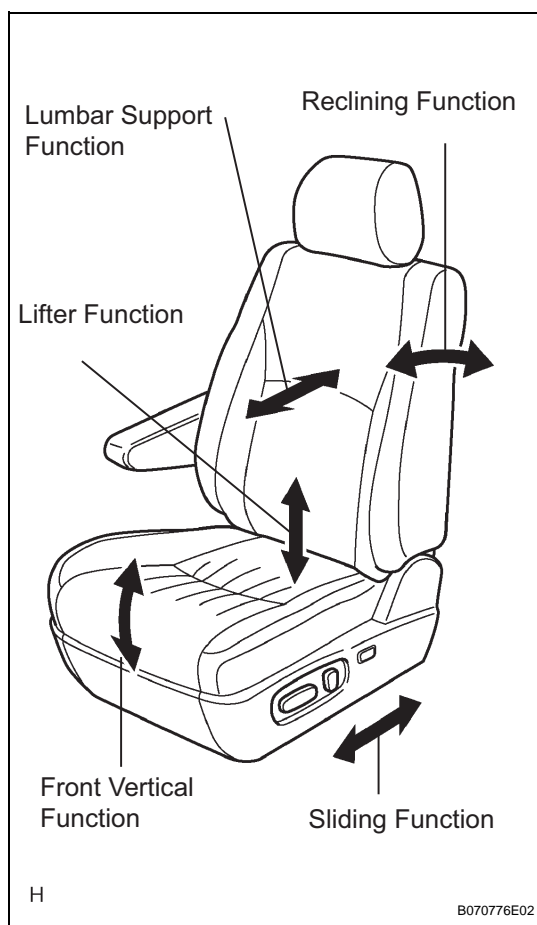
The inspection should be performed with the seat installed in the vehicle.

- (1) Move the seat to any of the maximum positions by operating the power seat switch, and keep the seat there for approx. 60 seconds.
- (2) Try to operate the power seat past the maximum position using the power seat switch and measure the time until the electrical current is shut off (motor operation sound will stop, inspection of current shut-off).

Standard:

4 to 90 seconds

- (3) Turn off the power seat switch after the inspection of current shut-off, and keep that condition for approx. 60 seconds.



- (4) Operate the power seat switch to move the seat to the opposite position and check that the motor operates.

3. CHECK LUMBAR SUPPORT ADJUSTER ASSEMBLY LH

- (a) Inspect the PTC operation inside the power seat motor.

NOTICE:

The inspection should be performed with the seat installed in the vehicle.

- (1) Move the lumbar support to either the foremost or rearmost position by operating the lumbar support switch, and keep it there for approx. 60 seconds.
- (2) Try to move the lumbar support past the maximum position using the switch and measure the time until the electrical current is shut off (motor operation sound will stop, inspection of current shut-off).

Standard:

4 to 90 seconds

- (3) Turn off the lumbar support switch after the inspection of current shut-off, and keep that condition for approx. 60 seconds.
- (4) Operate the lumbar support switch to move the lumbar support to the opposite position and check that the motor operates.