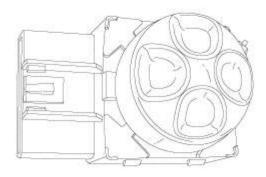
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Description & Operation

DESCRIPTION AND OPERATION

DESCRIPTION



2733809

The Power Lumbar Switch which is located at the side bottom of both driver and front passenger seat. It is used to provide a means to electrically adjust the position of the front driver and passenger seats to make it more comfortable. It is able to adjust the seat back rest lumbar support forward and rearward. It is also able to adjust the lumbar support position upward and downward. It's a high current switch driving the seat motors directly from battery feed.

OPERATION

When the lumbar control switch is actuated:

- a battery feed and a ground path are applied through the switch contacts to the power lumbar support adjuster motor.
- the lumbar support adjuster motor operates the lumbar support adjuster mechanism through its drive unit in the selected direction until the switch is released, or until the travel limit of the adjuster is reached.

• when the switch is moved in the opposite direction, the battery feed and ground path to the motor are reversed through the switch contacts. This causes the power lumbar support adjuster motor to run in the opposite direction.

On vehicles equipped with the memory seat system, the driver memory seat switch provides a resistive signal/input to the Memory Seat Module (MSM). The MSM is responsible for the 12 volt Direct Current (DC) battery feed and the ground path to the power lumbar support adjuster motor.

The lumbar control switch should NOT be held applied in any direction after the adjuster has reached its travel limit. The power lumbar support adjuster motor contains a self-resetting circuit breaker to protect it from overload. However, consecutive or frequent resetting of the circuit breaker may result in motor damage.

The lumbar control switch cannot be adjusted or repaired and must be replaced if damaged or inoperative.