



# Automotive Seats



Lubricating seat tracks, control cables, lumbar actuators, position motors, reclining mechanisms, headrest posts, and power seat switches to deliver a "quality" feel for seat adjustment.

## LUMBAR ACTUATOR

Both the driver and passenger seat contain lumbar support systems that adjust to desired comfort levels. Lubricating the gears in the lumbar actuator will reduce noise and friction.

**Lumbar Actuator** - Rheolube® 365F

## SEAT POSITION MOTORS

With as many as three motors underneath the seat, a transmission should exhibit efficient power-transfer capability, yet never leak, drip, or stain. A PTFE-fortified, synthetic hydrocarbon grease is a proven formula for gears inside the seat transmission housing.

**Seat Motor Gearbox** - Rheolube® 363F

## POWER SEAT SWITCHES

Adjusting the angles and position of a seat requires the use of switch to actuate the seat motors. These sliding contact switches require a lubricant that exhibits wear protection, corrosion resistance, and good plastic compatibility.

**Switches** - Rheolube® 362F

## HEADREST

The headrest sliding parts stay at rest for long periods - a difficult duty for grease, which tends to get squeezed out of the surfaces that are in contact. Additionally, due to the headrest location, lubricants cannot leak oil or emit odor. A lubricant enables the headrest to remain in place for extended periods, yet move smoothly when activated.

**Headrest Pivot** - UniFlor™ 8472

**Headrest Post** - UniFlor™ 8470

## CONTROL CABLES

Control cables actuate all seat movements, and can be under high loads and constant cycling. A lubricant will improve cable efficiency by reducing friction, allowing the cable to move under a broad range of operating conditions in a quick, smooth manner.

**Control Cables** - Fluorocarbon Gel 990A

## RECLINING MECHANISMS

Seat recliner mechanisms must be able to move forward and backward with a smooth, controlled motion. A properly selected lubricant that stays in place will ensure a quality feel of operation when passengers either manually or automatically adjust the angle of the back, while also reducing noise generated by vibration and friction from the reclining mechanisms.

**Recliner Mechanisms** - UniFlor™ 8172

## SEAT TRACKS

Lubricating seat tracks is an aesthetic and mechanical challenge. When seats are pushed completely forward or back, a portion of the tracks is exposed, so neutral colored greases are preferred. Because of the track's proximity to seat fabric and carpeting, the grease cannot stain or leak oil. Finally, the seat track assembly has to allow for play without rattling or vibrating at high speeds.

**Seat Tracks** - Rheotemp™ 662

