

Delphi Manual Selectable Ride (MSR) System

The Delphi Manual Selectable Ride (MSR) System is a two-position variable damping system that is actuated by a driver input switch. In this very simply designed system with excellent entry-level value, the driver selects from two suspension-damping levels, depending on the performance desired for on-road isolation, off-road traction, trailering, or other road or performance conditions.

The Delphi Manual Selectable Ride System is production-proven and consists of four two-position monotube shock absorbers with internal solenoid valve and optional airlift capability. It also includes a driver preference switch.



Delphi Manual Selectable Ride System Shock Absorbers

Features	Benefits
Two independent levels of damping	Allows driver to select the damping character based on vehicle usage
Wide range of rebound and jounce damping capability	Supports enhanced ride and handling motion control when trailering
Air/oil separation	Allows lag-free performance
Optional hydraulic rebound cutoff	Permits damper to be packaged as suspension travel stop
Dead-length minimization	Allows packaging in place of most conventional shock absorbers

▶ Typical Applications

The Delphi Manual Selectable Ride System is designed for sport utility vehicles, vehicles used for trailering, and other vehicles with shock absorber suspension systems that could benefit from two distinct damper performance curves.