

Moton Suspension

Moton Suspension Product Line-up

Clubsport

The Club Sport line is designed for the serious Club racer and high performance street driver. This ultimate suspension system is by far the finest quality and best handling suspension system on the market today.

Featuring remote reservoirs for superior fluid temperature control, quick release hydraulic lines (on most models) for easy installation, separate compression and rebound damper valving adjustment and height adjustable spring perches, this kit is beyond the more common coil-over systems on the market. If your driving can benefit for the ultimate in suspension tuning, then this kit is for you.

The Clubsport damper features 15 positions of bump adjustment on the remote reservoir and 15 positions of rebound on top of the piston rod. Each adjustment done to the damper is very noticeable to the driver. Our Clubsport dampers are designed to be uncomplicated, easy to use and to deliver the absolute best performance. The Clubsport dampers perform really well at low speed as well as high speed velocities which gives you total control regardless of the conditions. The reservoir is connected by a high pressure hose and is equipped with swivel banjo's for easy installation of the canisters in the car regardless of the position. The damper bodies are produced from the highest quality steel or aluminum. The shaft are induction hardened and chrome plated. The canister pressure can be varied between 6 - 18 bar (100 - 300 psi) to help support the car in high speed cornering with soft springs.



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Benefits include: Clubsport

- Comfortable on daily roads
- Easy to adjust to a real race setup
- Easy to work with
- Every single adjustment done is very noticable to the driver
- Proven reliability
- Wide range of spring rates can be used
- Improved platform stability
- Improved traction, higher grip level
- Improved curb stone and bumpy track control
- Improved tyre wear

Features: Clubsport

- Seperate Bump (15) and rebound (15) control
- Ride height adjustable
- Unique blow off valve system in remote reservoirs
- Large piston rod diameter for more fluid displacement
- Adjustable gas pressure for added lifting force
- Large main piston for quick response
- No preloaded valve stacks needed for low speed damping control
- Swivel banjo hoses for easy installation of remote reservoirs



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3 Way Pro Motorsport Suspension

The 3-Way adjustable Moton damper features 15 positions of high speed bump, 6 positions low speed bump and 15 positions of rebound adjustment. The low speed bump adjuster is located on top of the high speed bump adjuster and can be adjusted in dependably. The low speed bump adjuster is very effective in helping to control body roll while adding to turn in and is effective in controlling pitch and squat. The 3-Way adjustable Moton damper is using, like the double adjustable damper, a unique blow off valve system in the canister to totally control curb stones and bumpy track conditions.

Benefits include: 3 Way Pro

- Improved platform stability
- Improved traction, higher grip level
- Improved curb stone and bumpy track control
- Improved tyre wear over race distance
- Easy to adjust and work with
- Every single adjustment done is very noticable to the driver
- Proven reliability

Features: 3 Way Pro

- Unique blow off valve system in canister for high speed bump control
- Large piston rod diameter for more fluid displacement
- Adjustable gas pressure for added lifting force
- Large main piston for quick response
- No preloaded valve stacks needed for low speed damping control
- Seperate Bump and Rebound control
- Swivel banjo hoses for easy installation of remote reservoirs



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4 Way Pro Motorsport Suspension

The 4-Way adjustable Motorsport damper has been developed over the last few years in conjunction with many professional racing teams all over the World. After winning the FIA European Touring Car Championship (ETCC) in 2004 with our Triple adjustable damper, we designed and developed this unique 4-Way damper with Andy Priaulx's Team in preparation of the 2005 FIA World Touring Car Championship (WTCC). The rest is history and the 2005, 2006 and 2007 FIA WTCC title was clinched by Andy Priaulx running the Moton 4-Way damper system.

The 4-Way adjustable Motorsport damper is available as a McPherson Strut in either Aluminum or Steel or as a Aluminum Coil-over damper. It can be custom built to your specifications. The Moton 4-Way damper features separate low- and high speed bump and rebound control. The 2 rebound adjusters are located on top of the piston rod and adjust completely independably from each other. Both low- and high speed rebound do have a adjustment range of 20 clicks each. The 2 bump adjusters are located on top of the reservoir, the low speed bump can be adjusted into 6 different settings by turning the small knob on top of the reservoir. The high speed bump can be adjusted into 15 different settings by turning the large knob on top of the reservoir.

The 4-Way damper is featuring a unique double piston design. The primary large main piston does have a double non preloaded valve stack on it for bump and rebound control and is designed for quick response during the smallest movement of the piston. The secondary piston is designed with the use of a unique blow off valve system for high speed rebound control. The low speed rebound is controlled by adjusting an internal needle valve.



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Benefits include: 4 Way Pro

- Improved platform stability
- Improved traction, higher grip level
- Improved curb stone and bumpy track control
- Improved tyre wear over race distance
- Easy to adjust and work with
- Every single adjustment done is very noticable to the driver
- Proven reliability

Features: 4 Way Pro

- Double piston design
- Unique blow off valve system in both bump and rebound
- Large piston rod diameter for more fluid displacement
- Adjustable gas pressure for added lifting force
- Large main piston for quick response
- No preloaded valve stacks needed for low speed damping control
- Seperate Low- (6) and High (15) speed bump control
- Seperate Low- (20) and High (20) speed rebound control
- Swivel banjo hoses for easy installation of remote reservoirs

