

BLACK HAWK
9300 SERIES

**Radial Bypass
Off Road Racing
Shocks**

**BIGGER,
STRONGER,
LIGHTER,
COOLER...**

*The only thing
that can rival its
revolutionary
performance,
is its radically
innovative design.*

- One piece 6061 extruded aluminum body with hard anodized finish
- Radial Bypass Damping™ (RBD) technology*
- Incremental Bypass Flow Metering Valves™ (IFMV) with 9 adjustable settings
- 30% faster heat dissipation than steel with up to 100° cooler peak operating temperatures
- 10% - 25% lighter than similar welded bypass steel shocks without the distortion from welding
- 1-1/8" O.D. hard chromium plated piston rod
- 3" hard anodized piston with high flow ports
- Massive 4-1/2" x 12" 6061-T6 aluminum reservoir housing with anti-cavitation valve (ACV)*

For more information on the complete line of Bilstein shock absorbers, call 1-800-537-1085, or visit our web site at www.bilstein.com

*Patented

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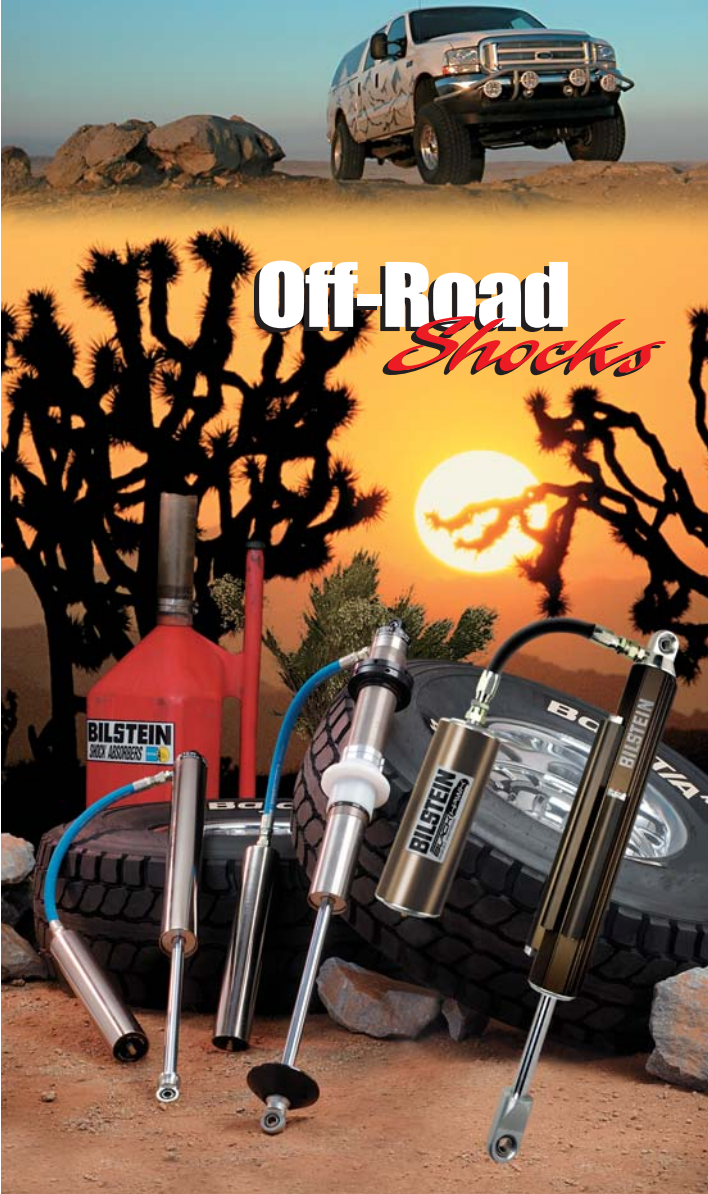
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Bilstein Gas Pressure Shock Absorbers
ThyssenKrupp Bilstein of America



BILSTEIN
SHOCK ABSORBERS



**Off-Road
Shocks**

**BILSTEIN®...THE WORLD LEADER IN
MONOTUBE GAS PRESSURE OFF ROAD
SHOCK ABSORBER TECHNOLOGY**

FOR LIFTED TRUCK, CUSTOM,
ROCK CRAWLING AND
OFF-ROAD RACING
APPLICATIONS



**Every Shock Is Filled With
Over 30 Years Of Off Road
Race Winning Domination...**

Bilstein's racing performance is legendary. And every shock we build is filled with the knowledge we've gained from over 3 decades of crossing the finish line first.

Bilstein was first to unleash the incredible performance advantage of monotube gas pressure shock absorbers over 50 years ago and still leads the way with new product development and expanded applications today.

Plus, all Bilstein Shocks are true high pressure gas shocks, no emulsion, no foam cells, just performance.

Set up your pickup, SUV, specialty or competition vehicle with Bilstein shocks. After all, with our winning performance, how can you lose.

**Race Inspired "CrossFlow"
Fixed Reservoir Design**

*Expands oil capacity for
enhanced cooling and
allows increased
rod travel.*



**High Pressure
(360 p.s.i.)
Nitrogen Gas &
"Floating"
Dividing Piston**
*Eliminates the
possibility of oil
foaming (aeration)
and performance
loss from shock fade.*

**46mm Working Piston
& Self-Adjusting
Deflective Disc Valving**

*Instantly reacts and adjusts to any
surface changes for maximum
vehicle body motion control and
superior performance.*

**Bilstein's Industry Leading
Monotube Design**

*Provides superior tube strength while
maximizing heat dissipation and shock life.*

BILSTEIN SHOCK ABSORBERS



5100 SERIES

- Developed specifically for lifted pickups and SUVs
- Large piston diameter provides superior handling and performance
- Patented digressive valving instantly reacts to changing surface conditions for maximum comfort and control, on or off road
- Split compression and rebound valving

5100 SERIES feature:

- Tuned for each specific applications
- Available for 2" - 6" suspension lifts

5125 SERIES feature:

- For custom applications
- Three valving selections
- Available in 6.63" - 14.30" travel



5150 SERIES

Utilizing the knowledge gained from winning more off road races than any other major shock manufacturer, Bilstein introduces the 5150 Series. The first production monotube high gas pressure, fixed CrossFlow reservoir shock absorber designed specifically for lifted and custom applications.

- Race inspired fixed CrossFlow reservoir
- Adjustable shock mount allows unlimited reservoir positioning
- Advanced design split valving
- Huge 46mm working piston
- Maintenance free design
- Valving for single or multiple shock applications
- Platinum powdercoat finish
- Available in 6.5" - 14" travel



Fixed CrossFlow Reservoir
Increases oil capacity for greater cooling and allows for additional shaft travel



Adjustable Shock Mount
Allows unlimited reservoir position options



Oversized Collar
Allows use of universal shock boots (not included)



7100 SERIES

- Schrader valve and remote reservoir models
- Self-adjusting deflective disc valving system
- Multiple valvings available
- 5" - 14" travel lengths
- 2" diameter nickel plated shock body
- Independent rebound & compression tuning
- High flow piston reduces harshness
- 1/2" heim ends
- Easily customer rebuildable
- True high pressure gas shock, *no emulsion*



ROCK CRAWLER 9100 SERIES



The 9100 Rock Crawler Series bridges the gap between the full race and the recreational application. Utilizing a Baja proven 2" 9100 Series damper, the shock is mated with a new purpose-built, light weight 2.5"x12" reservoir. This shock is perfect for coilover or non-coilover, long travel, rock-buggy, Jeep, and truck applications.

(Spring hardware kit sold separately.)



9100 SERIES

- Coilover, external adjustable bypass & smooth body models
- 2.5" & 2" diameter monotube shock bodies
- 2.5" reservoir
- 22mm shafts
- T6 hard anodized screwtop with Aurora spherical bearings
- Nickel plated body
- Custom valving
- 10" thru 17" travel
- Rebuildable



- 2" coilover body
- 12", 14" & 17" travel lengths
- 22mm shaft
- 2.5"x 12" remote reservoir
- Rebuildable



NEW Ride Height Adjustable 5100 Series Shocks

- Designed for front coilover style pickup suspensions
- Multiple snap-ring grooves allows different spring seat positions providing 0" to 2.5"* of front end lift
- Utilizes the vehicle's stock front coil springs
- A practical alternative to coil spring spacers with Bilstein's superior, race inspired performance characteristics
- Extremely affordable, Bilstein's new Ride Height Adjustable 5100 Series shocks are available for 2004-06 Ford F-150, Toyota Tacoma and Tundra and Nissan Titan
- Companion rear 5100 shocks with matched valving are also available

* Depending on application