

REDEFINE
YOUR LIMITS



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FOX TRUCK & OFFROAD DIVISION
750 Vernon Way Suite 101, El Cajon, CA 92020
619.768.1800 or 1.800.FOX.SHOX

SALES orsales@ridefox.com
SERVICE orservice@ridefox.com

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REDEFINING RIDE DYNAMICS



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TRUCK & SUV

FACTORY SERIES

- BYPASS
- COIL-OVER
- SMOOTH BODY

PERFORMANCE SERIES

- COIL-OVER
- SMOOTH BODY
- STABILIZERS

EVOLUTION SERIES

- SMOOTH BODY

Redefine your ride with our complete line of hassle-free, bolt-on coil-overs, shocks and steering stabilizers that maximize your performance on and off the road. Our truck and SUV shocks offer upgraded handling performance and control for your vehicle. Every application has been extensively tested and expertly tuned by our ride quality engineers to bring out the hidden performance from your truck or SUV. FOX has dominated the top levels of professional racing for decades by providing quality and performance that racers rely on. The same meticulous attention to detail, rugged construction and technically advanced suspension damping is applied to your vehicle's specific needs. Leave the pavement behind with total confidence, and find out just how good your truck or SUV can be. Experience the ride you've been dreaming of with a set of FOX shocks.



FACTORY SERIES

BYPASS

At FOX, racing has always been the cornerstone of our product development. Our complete line of bolt-on Factory Series, position-sensitive bypass shocks give you precisely controlled damping performance in any terrain. These heavy-duty, steel-bodied shocks are loaded with anodized billet aluminum components and

race-bred internal valving. They are designed to bolt right on to your factory mounts. Whether you choose a factory tuned, Internal Bypass or an infinitely adjustable, external bypass shock, you get the same highly advanced, race-proven performance and position-sensitive control.

FAMILY FEATURES

BODY	BODY PLATING	COMPONENTS	PISTON	VALVING
Large, smooth bore and honed seamless alloy bodies	Zinc-plated for a long lasting finish	Black-anodized, CNC-machined 6061-T6 billet aluminum	6061-T6 hard-anodized, high-flow aluminum piston	Application specific to maximize performance
SEALS	OIL	SHAFT	BEARING	MOUNTING
Redundant sealing pack system, main seal, wiper seal, scraper seal	JM92 Advanced Suspension Fluid for improved performance at variable temperatures	17-4 H900 stainless steel hard-chrome plated	PTFE-lined, heat-treated, alloy steel spherical	Direct replacement for stock and aftermarket lift kits

MODEL FEATURES

MODEL	RESERVOIR	SPRING	OPTIONS	ADJUSTMENTS
3.0 Coil-Over Internal Bypass	External	Application specific, adjustable 3.625 Eibach racing spring	DSC adjuster	Ride height preload ring Optional DSC adjuster
3.0 Bypass	External		QAB knobs	2 compression tubes 1 rebound tube
2.5 Internal Bypass	External		DSC adjuster	Optional DSC adjuster

SMOOTH BODY INTERNAL BYPASS

POSITION-SENSITIVE INTERNAL-BYPASS uses FOX-patented technology to precisely control the damping force as the shock compresses and extends.



OPTIONAL DSC ADJUSTER gives remarkable versatility and precise tuning. A simple twist of either two adjuster knobs allows twelve separate low-speed and ten high-speed compression levels.

COIL-OVER INTERNAL BYPASS

COIL-OVER INTERNAL BYPASS combines FOX-patented position sensitive internal bypass technology with integrated coil spring to suspend the vehicle.

OPTIONAL DSC ADJUSTER gives remarkable versatility and precise tuning. A simple twist of either two adjuster knobs allows twelve separate low-speed and ten high-speed compression levels.

EXTERNAL BYPASS

POSITION-SENSITIVE technology allows adjustment of multiple stages of compression and rebound damping bypass tubes. Each stage is independently controlled without affecting any other.

OPTIONAL QAB KNOBS technology allows you to manually adjust bypass tubes by hand quickly and easily.



FACTORY SERIES

COIL-OVER

Before any of our shocks reach production, they've had to stand the test of time and live up to incredible abuse by the fastest athletes in racing. We push the boundaries to give you that same precise control and race-proven performance you can feel. Our complete line of bolt-on, Factory Series coil-over shocks provide improved damping in any terrain.

Coil-over shocks provide suspension damping and suspend the weight of the vehicle. The integrated coil spring can be adjusted for preload and ride height or swapped out to change the spring rate if you choose to modify your vehicle. Experience for yourself the incredible performance and precise control that Factory Series coil-overs deliver.

FAMILY FEATURES

BODY	BODY PLATING	COMPONENTS	SPRING	PISTON	VALVING
Large, smooth bore and honed seamless alloy bodies	Zinc-plated for a long-lasting finish	Black anodized, CNC-machined 6061-T6 billet aluminum	Application-specific, adjustable 3.0 Eibach racing spring	6061-T6 hard-anodized, high flow aluminum piston	Application-specific to maximize performance
SEALS	OIL	SHAFT	BEARING	MOUNTING	
Redundant sealing pack system, main seal, wiper seal, scraper seal	JM92 Advanced Suspension Fluid for improved performance at variable temperatures	7/8 inch hardened NitroSteel® Steel carbon shafts	PTFE-lined, heat-treated, alloy steel spherical	Direct replacement for stock and aftermarket lift kits	

MODEL FEATURES

MODEL	RESERVOIR	OPTIONS	ADJUSTMENTS
2.5 Coil-Over IFP	Internal		Ride height preload ring
2.5 Coil-Over Reservoir	External	DSC adjuster	Optional DSC adjuster Ride height preload ring

2.5 COIL-OVER RESERVOIR

APPLICATION-SPECIFIC MOUNTS provide maximum support and simple bolt-on installation.

EXTERNAL RESERVOIR allows additional oil and nitrogen capacity and further enhances cooling. 2.5 reservoir size comes with mounting hardware included.



OPTIONAL DSC ADJUSTER gives remarkable versatility and precise tuning. A simple twist of either two adjuster knobs allows twelve separate low-speed and ten high-speed compression levels.

2.5 COIL-OVER IFP

LOCKING PRELOAD RINGS are fully adjustable for ride height leveling and precise coil preload adjustment.

INTERNAL FLOATING PISTON (IFP) isolates the shock fluid from the high-pressure nitrogen charge assuring maximum damping and sustained fade-free performance.



FACTORY SERIES

SMOOTH BODY

Factory Series smooth body shocks give you enhanced ride quality and the control you need when heading off the pavement. They take their design from our Offroad race shocks, so they've been thoroughly perfected in brutal conditions that you will probably never see. Our athletes push the boundaries in competition to develop race-proven performance you can bolt onto your truck or SUV. Most include remote reservoirs, and their

race-style construction allows factory servicing to make them good as new when they show signs of wear. Applications are available to fit most stock and lifted trucks and SUVs. Our complete line of bolt-on, Factory Series smooth body shocks provide improved damping in any terrain. Experience for yourself the incredible performance and precise control that Factory Series smooth body shocks deliver.

FAMILY FEATURES

BODY	BODY PLATING	RESERVOIR	COMPONENTS	PISTON
Smooth bore and honed seamless alloy bodies	Zinc-plated and double-clear coated for a long-lasting finish	Smooth bore 6061-T6 Aluminum is hard anodized black	Black-anodized, CNC-machined 6061-T6 billet aluminum	6061-T6 hard-anodized, high-flow aluminum piston
OIL	SHAFT	MOUNTING	VALVING	SEALS
JM92 Advanced Suspension Fluid for improved performance at variable temperatures	Hard chrome-plated heat-treated alloy steel	Direct replacement for stock and aftermarket lift kits	Application-specific to maximize performance	Redundant sealing pack system, main seal, wiper seal, scraper seal

MODEL FEATURES

MODEL	RESERVOIR	SHAFT	OPTIONS	ADJUSTMENTS
2.0 Reservoir	External	5/8"	CD Adjuster Aluminum clamp	Optional CD Adjuster
2.5 Reservoir	External	7/8"	DSC Adjuster	Optional DSC Adjuster

2.0 RESERVOIR
 WITH OPTIONAL CD ADJUSTER



OPTIONAL CD ADJUSTER gives remarkable versatility and precise tuning. A simple twist of the adjuster knob allows eight separate compression levels.

2.5 RESERVOIR



OPTIONAL DSC ADJUSTER gives remarkable versatility and precise tuning. A simple twist of either two adjuster knobs allows twelve separate low-speed and ten high-speed compression levels.



PERFORMANCE SERIES

COIL-OVER

Our bolt-on, Performance Series coil-over shock is loaded with advanced technology and a long list of features that set it apart. The precision, metal impact extruded aluminum body increases cooling capacity and is rust resistant. The vehicle-specific upper mount includes a composite bushing that isolates noise and vibration. Locking, spring preload rings that allow easy ride height and preload adjustment retain a top quality racing coil, selected to deliver the optimal spring rate. Performance Series Coil-Overs bolt on with no modifications and are designed to level your truck

front-to-rear. Applications are available for stock and lifted trucks that re-use the stock shock.

Inside is an internal reservoir with Internal Floating Piston (IFP) to separate the shock oil from the high-pressure, nitrogen-charged gas chamber. The IFP eliminates oil aeration allowing maximum performance from the factory-tuned, precision valving. The easy-to-install, 2.0 Performance Series coil-over provides a comfortable on-road ride and predictable offroad handling in even the toughest conditions.

FAMILY FEATURES

BODY	BODY PLATING	COMPONENTS	SPRING	PISTON	VALVING
Metal impacted 6061-T6 aluminum will not rust over time	Clear-anodized for a durable finish	Black anodized CNC machined 6061-T6 billet aluminum	Application specific, adjustable 3.0 Eibach racing spring	Race-developed high-flow design	Application-specific to maximize performance
SEALS	OIL	SHAFT	BEARING	MOUNTING	
Redundant sealing pack system, main seal, wiper seal, scraper seal	JM92 Advanced Suspension Fluid for improved performance at variable temperatures	5/8 inch hard chrome-plated heat-treated alloy steel	Large diameter, heavy-duty spherical	Direct replacement for stock and aftermarket lift kits	

MODEL FEATURES

MODEL	RESERVOIR	SHAFT	ADJUSTMENTS
2.0 Coil-Over IFP	Internal	5/8"	Ride height preload ring



2.0 COIL-OVER IFP

RACE-STYLE DESIGN allows factory servicing. Components that wear can be replaced by factory technicians, restoring the shock to peak performance.

APPLICATION SPECIFIC MOUNT with Nitrile rubber isolator pad absorbs vibration and road noise for a quiet and comfortable ride.

ALUMINUM BODY is incredibly strong and lightweight. Metal impact extruded aluminum provides superior cooling and resists rust.

INTERNAL FLOATING PISTON (IFP) isolates the shock fluid from the high-pressure nitrogen charge assuring maximum damping and sustained fade free performance

LOCKING PRELOAD RINGS are fully adjustable for ride height leveling and precise coil preload adjustment.

PERFORMANCE SERIES

SMOOTH BODY

Performance Series smooth body shocks contain the latest in shock technology to transform the performance of your truck or SUV. They use our race-proven damping control to provide a comfortable on-road ride and predictable offroad handling in even the toughest conditions.

The precision metal impact aluminum body increases cooling capacity and will never rust. Inside you will find our race-proven performance

valving technology. Depending on the application, it is available with an internal, IFP reservoir or external reservoir with trick, billet aluminum mounting clamp.

Our Internal Floating Piston (IFP) separates the shock oil from the high-pressure, nitrogen-charged gas chamber. The IFP eliminates oil aeration allowing maximum performance from the factory-tuned precision valving.

FAMILY FEATURES

BODY Metal impacted 6061-T6 aluminum will resist rust over time	BODY PLATING Clear-anodized for a durable finish	COMPONENTS Black-anodized, CNC-machined 6061-T6 billet aluminum	PISTON Race-developed high-flow design	VALVING Application-specific to maximize performance
SEALS Redundant sealing pack system, main seal, wiper seal, scraper seal	OIL Specially formulated for improved performance at variable temperatures	SHAFT 5/8 inch hard chrome-plated heat-treated alloy steel	BUSHINGS Quiet nitrile rubber allows for increased suspension articulation	MOUNTING Direct replacement for stock and aftermarket lift kits

MODEL FEATURES

MODEL	RESERVOIR	OPTIONS	ADJUSTMENTS
2.0 IFP	Internal	Roost Shield	
2.0 Reservoir	External	CD Adjuster	Optional CD Adjuster

2.0 IFP

ALUMINUM BODY is incredibly strong and lightweight. Metal impact extruded aluminum provides superior cooling and will never rust.



INTERNAL FLOATING PISTON (IFP) isolates the shock fluid from the high-pressure nitrogen charge assuring maximum damping and sustained fade-free performance.



OPTIONAL ROOST SHIELD protects the shock shaft and seals from rocks kicked up by tires

2.0 RESERVOIR

EXTERNAL RESERVOIR allows additional oil and nitrogen capacity and further enhances cooling.

INCLUDED BILLET ALUMINUM CLAMP looks clean and positively secures the reservoir.

OPTIONAL CD ADJUSTER gives remarkable versatility and precise tuning. A simple twist of the adjuster knob allows eight separate compression levels.

PERFORMANCE SERIES

STABILIZERS

Performance Series steering stabilizers help take the load off your steering components and keep your tires tracking straight and true. Oversized offroad tires have a tendency to seek out traction in any direction. The large knobs and open tread pattern can cause your front end to wander on or off the road.

Our steering stabilizers use the same advanced damping technology contained in our Performance Series shocks to tame steering feedback from even the most aggressive tires.

Our new Performance Series Adjustable Through Shaft (ATS) Stabilizer offers improved steering control and a striking high-tech appearance. Its design eliminates directional pull so no opposing stabilizer is needed and has external adjustment to custom-tune the feel. There is no reason to put up with a white-knuckle ride from your truck or SUV. FOX Performance Series steering stabilizers allow precise steering control.

FAMILY FEATURES

BODY	BODY PLATING	COMPONENTS	SPRING	PISTON
Metal impacted 6061-T6 aluminum resists rust over time	Clear-anodized for a durable finish	Black-anodized, CNC-machined 6061-T6 billet aluminum	Application-specific, adjustable 3.0 racing spring	Race-developed high-flow design
VALVING	SEALS	OIL	SHAFT	MOUNTING
Application specific to maximize performance	Redundant sealing pack system, main seal, wiper seal, scraper seal	JM92 Advanced Suspension Fluid for improved performance at variable temperatures	5/8 hard chrome-plated, heat-treated alloy steel	Direct replacement for stock and aftermarket lift kits

MODEL FEATURES

MODEL	RESERVOIR	ADJUSTMENTS
2.0 IFP Stabilizer	Internal	
2.0 ATS Stabilizer	External	24 clicks of firmness



2.0 ATS STABILIZER



ADJUSTABLE THROUGH SHAFT STABILIZER (ATS) cancels unwanted steering forces in both directions with no unwanted push back. The technologically advanced ATS takes the place of two conventional stabilizers.

ATS ADJUSTER allows 24 clicks of damping adjustment to fine-tune the feel of your steering.

ATS EXTERNAL RESERVOIR allows for normal fluid expansion when the stabilizer is hard at work.

2.0 IFP STABILIZER

RACE-PROVEN DAMPING TECHNOLOGY is used in our steering stabilizers to control unwanted steering forces.

ALUMINUM BODY is incredibly strong and lightweight. Metal impact aluminum provides superior cooling and resists rust.

INTERNAL FLOATING PISTON (IFP) isolates the shock fluid from the high-pressure nitrogen charge assuring maximum damping and sustained fade-free performance.

EVOLUTION SERIES

SMOOTH BODY

Evolution Series smooth body shocks give you increased ride quality and the control you need when heading into the unknown. They use our proven damping technology to provide a comfortable on-road ride and predictable off-road handling in a variety of conditions.

The large 5/8 inch alloy steel shock shaft adds increased strength and rigidity. The shafts are NitroSteel® hard-coated to resist pitting and scratches that can damage shaft seals.

Our Internal Floating Piston (IFP) separates the shock oil from the high-pressure, nitrogen-charged gas chamber. The IFP eliminates oil aeration allowing maximum performance from the factory-tuned precision valving.

Our bolt on, Evolution Series smooth body shocks provide increased damping in any terrain. Experience for yourself the added performance and precision control Evolution Series smooth body shocks deliver.

FAMILY FEATURES

BODY	BODY COATING	RESERVOIR	VALVING
Smooth bore seamless alloy bodies	Thick silver powder coat	IFP isolates the shock fluid from the high pressure nitrogen charge	Application specific to maximize performance
SHAFT	OIL	BUSHING	MOUNTING
5/8 inch NitroSteel® alloy steel	Specially formulated for improved performance at variable temperatures	Quiet polyurethane rubber allows increased suspension articulation	Direct replacement for stock and aftermarket lift kits

MODEL FEATURES

MODEL	RESERVOIR
2.0 IFP	Internal



2.0 IFP

INTERNAL FLOATING PISTON (IFP) isolates the shock fluid from the high-pressure nitrogen charge assuring maximum damping and sustained fade-free performance.

LARGE 5/8 INCH DIAMETER NitroSteel® coated alloy steel is hardened to resist pitting and scratches that can damage shaft seals.

LONG WEARING BUSHINGS made from polyurethane rubber allow articulation while canceling road noise and vibration.



OFFROAD RACE

FACTORY SERIES

- COIL-OVER
- BYPASS
- SMOOTH BODY
- AIR SHOCKS
- BUMP STOP

PERFORMANCE SERIES

- COIL-OVER
- SMOOTH BODY

At FOX, we race to win. Race results and championships don't lie; our domination of professional racing speaks for itself. FOX engineers and our shock-tuning gurus work countless hours with fearless athletes who endlessly push the boundaries of vehicle performance in their quest for more speed. FOX Offroad shocks endure punishing use in brutal conditions by the fastest drivers on the planet, so we can provide you with the very best. Our line of performance Offroad racing shocks includes many innovative damping solutions to fill your needs. Each design is constructed from the highest quality materials and engineered for all-out performance to put you miles ahead of the rest. Gain a performance edge to leave your competition in the dust with our race-proven performance damping technology.



FACTORY SERIES

COIL-OVER

Factory Series coil-over shocks are the foundation of a race-winning suspension. They epitomize efficiency by combining our race-proven damping technology with a means to suspend the vehicle in one easy-to-mount assembly. Regardless of whether you are flying high over the desert or struggling to

stick to a rock face on an off-camber climb, our coil-overs will give you the damping performance, suspension control and proper spring rate to get the job done. They come in several rock-solid configurations that will fit your application perfectly.

FAMILY FEATURES

BODY	BODY PLATING	COMPONENTS	PISTON	VALVING	HOSE
Smooth bore and honed seamless alloy bodies	Zinc-plated for a long-lasting finish	Black-anodized, CNC-machined 6061-T6 billet aluminum	7075 hard-anodized high-flow aluminum piston*	Tunable velocity-sensitive deburred valve shims	Reusable ORB O-ring port hose fittings for superior seal with remote reservoirs
SEALS	OIL	BEARINGS	SHAFT	ADJUSTMENTS	
Redundant sealing pack system, main seal, wiper seal, scraper seal	JM92 Advanced Suspension Fluid for improved performance at variable temperatures	PTFE-lined, heat-treated, alloy steel spherical	5/8 Alloy steel, heat-treated, hard-chrome plated 7/8 or 17-4 H900 stainless steel, hard-chrome plated**	RRB (Rotating Reservoir Bridge) Spring preload ring Dual stage crossover ring Nitrogen pressure Compression valving Rebound valving Optional DSC Adjuster	

*Excludes 2.0
** Excludes 5/8" shaft



2.5 INTERNAL BYPASS R

COIL-OVER WITH INTERNAL BYPASS does it all. Position-sensitive internal-bypass control in a coil-over body. For classes that mandate a single shock per wheel or anyone who wants it all. Provides bypass damping and suspends the vehicle in a compact lightweight package.

2.5 PIGGYBACK R

ROTATING RESERVOIR BRIDGE (RRB) technology allows quick and easy positioning of the shock reservoir with spanner wrench for chassis clearance issues.

OFFROAD SHAFTS use the finest 17-4, H900 stainless steel with hard chrome finish for one of the strongest and toughest shaft materials available.



OPTIONAL DSC ADJUSTER gives remarkable versatility and precise tuning. A simple twist of either two adjuster knobs allows twelve separate low-speed and ten high-speed compression levels.

PERFORMANCE SERIES

COIL-OVER

Offroad Performance Series coil-over shocks take advantage of our tried-and-true coil-over design and incorporates features found in the entire Performance Series line like braided stainless hoses with high-flow fittings for maximum durability and performance. Locking spring preload rings allow easy ride height and preload adjustment and retain the top quality racing coil

selected to deliver your optimal spring rate. Our Offroad Performance Series coil-over shock will suspend your vehicles weight and provide our race-proven, performance damping technology to tame the toughest terrain. If you are looking for a comfortable ride and predictable offroad handling, look no further.

FAMILY FEATURES

BODY

Smooth bore and honed seamless alloy bodies

BODY PLATING

Zinc-plated for a long-lasting finish

COMPONENTS

Black-anodized, CNC-machined 6061-T6 billet aluminum

VALVING

Tunable velocity-sensitive deburred valve shims

SEALS

Redundant sealing pack system, main seal, wiper seal, scraper seal

OIL

JM92 Advanced Suspension Fluid for improved performance at variable temperatures

BEARINGS

PTFE-lined, heat-treated, alloy steel spherical

SHAFT

7/8 inch hard-chrome plated heat-treated alloy steel

ADJUSTMENTS

Spring preload ring
Dual stage crossover ring
Nitrogen pressure
Compression valving
Rebound valving
Optional CD Adjuster



2.5 REMOTE

REMOTE RESERVOIR allows additional fluid capacity and further enhances cooling.

BRAIDED STEEL hose for maximum durability features high-flow fittings.

REPLACEABLE SPHERICAL BEARINGS are PTFE-lined and heat-treated alloy steel. They provide a firm attachment and long wear in brutal offroad conditions.



OPTIONAL DSC ADJUSTER gives remarkable versatility and precise tuning. A simple twist of either two adjuster knobs allows twelve separate low-speed and ten high-speed compression levels.



COIL-OVER

MODEL FEATURES

FACTORY SERIES

2.0 EMULSION		2.0 REMOTE		2.0 PIGGYBACK		2.5 EMULSION R	
OPTIONS							
1 1/2 mounting width spacers		1 1/2 mounting width spacers		1 1/2 mounting width spacers		1 1/4 mounting width spacers	
Multiple eyelet mounting lengths		Multiple eyelet mounting lengths		Multiple eyelet mounting lengths		Multiple eyelet mounting lengths	
-10 Hiems, select travel lengths		-10 Hiems, select travel lengths		-10 Hiems, select travel lengths		High-temp Viton® seals	
High-temp Viton® seals		High-temp Viton® seals		High-temp Viton® seals		High or low flow piston	
Stainless Steel Shaft		Stainless Steel Shaft		Stainless Steel Shaft			
High or low flow piston		High or low flow piston		High or low flow piston			
SPRING							
2 1/2 I.D.		2 1/2 I.D.		2 1/2 I.D.		3 I.D.	
SHAFT TRAVELS		SHAFT TRAVELS		SHAFT TRAVELS		SHAFT TRAVELS	
5/8	3.5, 5.0, 6.5, 8.5, 10.0	5/8	3.5, 5.0, 6.5, 8.5, 10.0	5/8	3.5, 5.0, 6.5, 8.5, 10.0	7/8	8.0, 10.0, 12.0, 14.0, 16.0
7/8	10.0, 12.0, 14.0, 16.0, 18.0	7/8	10.0, 12.0, 14.0, 16.0, 18.0	7/8	10.0, 12.0, 14.0, 16.0, 18.0		

PERFORMANCE

2.5 REMOTE R		2.5 PIGGYBACK R		2.5 INTERNAL BYPASS R		3.0 REMOTE R		2.5 REMOTE	
OPTIONS									
1 1/4 mounting width spacers		1 1/4 mounting width spacers		1 1/4 mounting width spacers		Multiple eyelet mounting lengths		DSC Adjuster	
Multiple eyelet mounting lengths		Multiple eyelet mounting lengths		Multiple eyelet mounting lengths		-12 Hiems, select travel lengths			
High-temp Viton® seals		High-temp Viton® seals		High-temp Viton® seals		Reservoir hose fittings and lengths			
CD Adjuster		High or low flow piston		High or low flow piston		High or low flow piston			
Reservoir hose fittings and lengths									
High or low flow piston									
SPRING									
3 I.D.		3 I.D.		3 I.D.		3 I.D.		3 I.D.	
SHAFT TRAVEL		SHAFT TRAVEL		SHAFT TRAVEL		SHAFT TRAVEL		SHAFT TRAVEL	
7/8	8.0, 10.0, 12.0, 14.0, 16.0	7/8	8.0, 10.0, 12.0, 14.0, 16.0	7/8	10.0, 12.0, 14.0, 16.0	7/8	12.0, 14.0, 16.0	7/8	6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0

FACTORY SERIES

BYPASS

At FOX, racing has always been the cornerstone of our product development. FOX devotes countless hours of research and development to design suspension that withstands incredible punishment and provide consistent performance you can rely on.

Our diverse line of bypass shocks, from the 2.5 coil-over with internal bypass to the massive 4.4 inch external bypass, are made with one goal in mind: to win races.

FAMILY FEATURES

BODY	BODY PLATING	COMPONENTS	PISTON	VALVING
Smooth bore and honed seamless alloy bodies	Zinc-plated for a long-lasting finish	Black-anodized, CNC-machined 6061-T6 billet aluminum	Stainless steel for improved performance at high temperatures*	Tunable velocity-sensitive deburred valve shims

SEALS	OIL	BEARINGS	SHAFT	ADJUSTMENTS
Redundant sealing pack system, High-temp Viton® seals, main seal, wiper seal, scraper seal	JM92 Advanced Suspension Fluid for improved performance at variable temperatures	PTFE-lined, heat-treated, alloy steel spherical	17-4 H900 stainless steel hard-chrome plated	Rotating Body Cap Compression bypass adjusters Rebound bypass adjusters Free bleed bypass adjuster Nitrogen pressure Compression valving Rebound valving

*2.0, 2.5, 3.0, and 3.5 are 7075 hard-anodized aluminum

4.4 BYPASS R

HUGE 3.5 INCH RESERVOIR is the largest in the industry. It negates “shock pump” due to fluid expansion during extreme use for consistent peak performance.

EXTERNAL BYPASS TECHNOLOGY allows precise adjustment of multiple stages of compression and rebound damping. Each position-sensitive stage is independently controlled without affecting any other.

ROTATING BODY CAP (RBD) technology allows positioning with simple hand tools to achieve shock body rotation for chassis clearance issues.



EXTERNAL COOLING SYSTEM (ECS) does much more than any finned reservoir. Code-named “Cactus Cooler” during development, this optional cooler uses the natural motion to push fluid through a one-way check valve into the deeply finned heat exchanger to reduce fluid temperatures up to 150 degrees.

2.5 INTERNAL BYPASS R

COIL-OVER INTERNAL BYPASS combines FOX- patented position-sensitive internal-bypass technology with integrated coil spring to suspend the vehicle.

See coil-over section for additional information





BYPASS

MODEL FEATURES

FACTORY SERIES

2.0 PIGGYBACK R	2.5 REMOTE R	2.5 PIGGYBACK R	3.0 REMOTE R	3.0 PIGGYBACK R	3.5 PIGGYBACK R	4.0 PIGGYBACK R	4.4 PIGGYBACK
OPTIONS				OPTIONS			
1 1/2 mounting width spacers Multiple eyelet mounting lengths Chrome body Custom bypass layout High or low flow piston	QAB knobs 1 1/4 mounting width spacers Multiple eyelet mounting lengths Chrome body Custom bypass layout Reservoir hose-fittings and lengths High or low flow piston	1 1/4 mounting width spacers Multiple eyelet mounting lengths High-temp Viton® seals Chrome body Custom bypass layout	QAB knobs 1 1/4 mounting width spacers Multiple eyelet mounting lengths Chrome body Custom bypass layout Reservoir hose-fittings and lengths High or low flow piston	QAB knobs 1 1/4 mounting width spacers Multiple eyelet mounting lengths -12 Hiems, select travel lengths Chrome body Custom bypass layout Reservoir hose-fittings and lengths External Cooling System (ECS) Short Course specs High or low flow piston	QAB knobs 1 1/4 mounting width spacers Multiple eyelet mounting lengths Chrome body Custom bypass layout Remote Reservoir External Cooling System (ECS) High or low flow piston	1/2 mounting bolt Multiple eyelet mounting lengths Custom bypass layout Remote Reservoir External Cooling System (ECS)	1/2 mounting bolt Multiple eyelet mounting lengths Chrome body Custom bypass layout Remote Reservoir External Cooling System (ECS)
TUBE				TUBE			
2 Tube, 3 Tube	3 Tube	2 Tube, 3 Tube, 4 Tube	3 Tube	3 Tube, 4 Tube	5 Tube	4 Tube, 5 Tube	4 Tube, 5 Tube
SHAFT TRAVELS				SHAFT TRAVEL			
7/8 10.0, 12.0, 14.0, 16.0	7/8 10.0, 12.0, 14.0, 16.0, 18.0	7/8 8.0, 10.0, 12.0, 14.0, 16.0, 18.0	7/8 10.0, 12.0, 14.0, 16.0, 18.0	7/8 10.0, 12.0, 14.0, 16.0, 18.0	1 14.0, 16.0, 18.0	1 1/8 12.0, 14.0, 16.0, 18.0	1 1/4 12.0, 14.0, 16.0, 18.0

FACTORY SERIES

SMOOTH BODY

Offroad Factory Series smooth body shocks provide everything you need for all-out offroad performance. Their race construction allows servicing when they show signs of wear and custom tuning to the valving so you can dial them in to match track conditions or your favorite terrain. Every component has been race-proven to provide maximum damping performance. They are designed with highly

durable parts that can also be replaced to extend the shocks life for many more years of reliable service. These shocks are built to survive the rigors of competition or the outer reaches of desolate wilderness. Experience for yourself the incredible performance and precise control that Offroad Factory Series smooth body shocks deliver.

FAMILY FEATURES

BODY	BODY PLATING	COMPONENTS	PISTON	VALVING
Smooth bore and honed seamless alloy bodies	Zinc-plated and double-clear coated for a long-lasting finish	Black-anodized, CNC-machined 6061-T6 billet aluminum	6061-T6 hard anodized high-flow aluminum piston	Tunable velocity-sensitive deburred valve shims
SEALS	OIL	BEARINGS	SHAFT	ADJUSTMENTS
Redundant sealing pack system, main seal, wiper seal, scraper seal	JM92 Advanced Suspension Fluid for improved performance at variable temperatures	PTFE-lined, heat-treated, alloy steel spherical	5/8 Alloy steel, heat-treated, hard-chrome plated 7/8 17-4 H900 stainless steel hard-chrome plated	Nitrogen pressure Compression valving Rebound valving Optional DSC Adjuster



2.5 REMOTE R

ORB, O-RING PORT FITTINGS, provide an optimal seal when used in hose remote reservoir applications.

REBUILDABLE AND SERVICEABLE race shock design allows you to take the shock apart for rebuilding and/or internal valving adjustments if desired.

OFFROAD SHAFTS use the finest 17-4, H900 stainless steel with hard chrome finish for one of the strongest and toughest shaft materials available.



OPTIONAL DSC ADJUSTER gives remarkable versatility and precise tuning. A simple twist of either two adjuster knobs allows twelve separate low-speed and ten high-speed compression levels.

PERFORMANCE SERIES

SMOOTH BODY

Our Offroad Performance Series smooth body shock has the durable race-proven internal parts and performance damping technology you expect with unique features found only in the Performance Series line. The Rebuildable and serviceable race shock design allows you to take the shock apart for

rebuilding and/or internal valving adjustments if desired. You can count on FOX to provide the exceptional damping you demand in any terrain. Experience for yourself the incredible performance and precise control that our Offroad Performance Series smooth body shocks deliver.

FAMILY FEATURES

BODY	BODY PLATING	COMPONENTS	HOSE	VALVING	RESERVOIR
Smooth bore and honed seamless alloy bodies	Zinc-plated and double-clear coated for a long lasting finish	Black-anodized, CNC-machined 6061-T6 billet aluminum	Braided steel hose for improved durability. Features high-flow fittings	Tunable velocity-sensitive deburred valve shims	Smooth bore 6061-T6 Aluminum is hard anodized black
SEALS	OIL	BEARINGS	SHAFT	ADJUSTMENTS	
Redundant sealing pack system, main seal, wiper seal, scraper seal	JM92 Advanced Suspension Fluid for improved performance at variable temperatures	PTFE-lined, heat-treated, alloy steel spherical	7/8 inch hard-chrome plated, heat-treated alloy steel	Nitrogen pressure Compression valving Rebound valving Optional DSC Adjuster	

2.5 REMOTE

REMOTE RESERVOIR allows additional fluid capacity and further enhances cooling.

BRAIDED STEEL hose for maximum durability features high-flow fittings.



OPTIONAL DSC ADJUSTER gives remarkable versatility and precise tuning. A simple twist of either two adjuster knobs allows twelve separate low-speed and ten high-speed compression levels.





2.0 EMULSION

2.0 REMOTE

2.5 REMOTE R



3.0 REMOTE R

2.5 REMOTE

SMOOTH BODY

MODEL FEATURES

FACTORY SERIES

2.0 EMULSION

OPTIONS

- 1 1/2 mounting width spacers
- Chrome body
- High-temp Viton® seals
- Stainless steel shaft
- High or low flow piston

SHAFT	TRAVELS
5/8	5.0, 6.5, 8.0, 8.5, 10.0, 11.0, 12.0, 14.0
7/8	12.0, 14.0, 16.0

2.0 REMOTE

- 1 1/2 mounting width spacers
- High-temp Viton® seals
- Chrome body
- CD Adjuster
- Stainless steel shaft
- High or low flow piston

SHAFT	TRAVELS
5/8	3.5, 5.0, 6.125, 6.5, 8.0, 8.5, 10.0, 11.0, 12.0, 14.0
7/8	12.0, 14.0, 16.0

2.5 REMOTE R

- 1 1/4 mounting width spacers
- Multiple eyelet mounting lengths
- High-temp Viton® seals
- Chrome body
- DSC Adjuster
- High or low flow piston

SHAFT	TRAVELS
7/8	8.0, 10.0, 12.0, 14.0, 16.0, 18.0

PERFORMANCE SERIES

3.0 REMOTE R

OPTIONS

- 1 1/4 mounting width spacers
- Multiple eyelet mounting lengths
- High-temp Viton® seals
- Chrome body
- CD Adjuster
- DSC Adjuster
- High or low flow piston

SHAFT	TRAVELS
7/8	9.0, 10.0, 12.0, 14.0

2.5 REMOTE

- CD Adjuster

SHAFT	TRAVELS
7/8	6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0

FACTORY SERIES

AIR SHOCKS

The design of the Offroad Factory Series air shock allows for infinite adjustability of the spring rate by varying the nitrogen charge pressure. FOX's first air shock was invented by Bob Fox back in 1974 and has been highly refined in the 30-plus years we've been producing them. The Offroad Factory Series

air shock uses the identical race-proven performance damping technology as our other Factory Series Offroad shocks, so servicing and valving adjustments are the same. Incredibly strong yet lightweight hollow shock shafts further reduce weight on these shocks that are ideal for competition rock crawlers.

FAMILY FEATURES

BODY	BODY PLATING	COMPONENTS	PISTON	VALVING
Smooth bore and honed seamless alloy bodies	Zinc-plated and double-clear coated for a long-lasting finish	Black-anodized, CNC-machined 6061-T6 billet aluminum	6061-T6 hard-anodized high-flow aluminum piston	Tunable velocity-sensitive deburred valve shims
SEALS	OIL	BEARINGS	SHAFT	ADJUSTMENTS
Redundant sealing pack system, main seal, wiper seal, scraper seal	JM92 Advanced Suspension Fluid for improved performance at variable temperatures	PTFE-lined, heat-treated, alloy steel spherical	Hard-chromed 4130 alloy steel	Nitrogen pressure Compression valving Rebound valving

MODEL FEATURES

MODEL	OPTIONS	MAX LOAD	SHAFT	TRAVEL
2.0 Air Shock	• 1 1/2 mounting width spacers	500 lbs.	1 1/4	8.0, 10.0, 12.0, 14.0, 16.0, 18.0
2.5 Air Shock	• 1 1/2 mounting width spacers	1200 lbs.	1 5/8	8.0, 10.0, 12.0, 14.0, 16.0, 18.0

*See coil-over section for additional specs



2.5 AIR

"AIR SPRING" allows infinite rate and ride height adjustments that can be made externally by varying the nitrogen pressure.

REPLACEABLE SPHERICAL BEARINGS are PTFE-lined and heat-treated alloy steel. They provide a firm attachment and long wear in brutal offroad conditions.

REBUILDABLE AND SERVICEABLE race shock design allows you to take the shock apart for rebuilding and/or internal valving adjustments if desired.

2.0 AIR

UNIQUE SHAFTS are 4130 chromoly for strength and hollow for maximum weight savings.

FACTORY SERIES

BUMP STOP

Offroad Factory Series bump stops were developed with top offroad racing teams to provide precise control of the last few inches of suspension travel. By applying our race-proven damping technology in a purpose-built, stand-alone component you can use every bit of suspension travel without harsh bottoming.

The built-in Schrader valve allows precise nitrogen charge adjustments to provide a wide range of bottoming control. The durable construction and replaceable Delrin® strike pad are built to take the abuse while providing predictable and quiet operation.

FAMILY FEATURES

BODY Smooth bore and honed seamless alloy bodies	BODY PLATING Zinc-plated for a long-lasting finish	COMPONENTS Black-anodized, CNC-machined 6061-T6 billet aluminum	PISTON 6061-T6 hard-anodized high-flow aluminum piston	VALVING Tunable velocity-sensitive deburred valve shims
SEALS Redundant sealing pack system, main seal, wiper seal, scraper seal	OIL JM92 Advanced Suspension Fluid for improved performance at variable temperatures	SHAFT Hard-chromed 4130 alloy steel	PAD Replaceable Delrin® bump pad	ADJUSTMENTS Nitrogen pressure

MODEL FEATURES

MODEL	SHAFT	TRAVEL
2.0 Bump Stop	1 1/4	2.0, 2.5, 3.0, 4.0
2.5 Bump Stop	1 5/8	2.45, 3.75



2.0 BUMP STOP

REPLACEABLE STRIKE PAD is long-wearing and provides silent operation to eliminate bottoming noise.

2.5 BUMP STOP

SECURE MOUNTING DESIGN does not rely on clamping force that will crush the cylinder.

EASY ADJUSTABILITY is provided by the Schrader valve that allows adjustment by varying the nitrogen pressure.