





### COMPANY

King Shocks, the industry leader for over a decade, continues to leave the competition in the dust by providing the level of quality, consistency and performance that champions demand. Our ongoing product development has led the way long before we opened our doors in 1996. The original designs drawn by Lance King back in the early 80's were created to fill the needs of the top level racers of the day. Nothing existed at the time that could stand up to the punishment dished out by racers like Bill Stroppe, Parnelli Jones and Walker Evans. The faster cars and trucks ran several shocks on each wheel which were often changed at pit stops along with the tires. Our original 3" shock was designed with pure function in mind from only the best quality materials available. King has remained true to that formula to this day.

Every facet of design and manufacturing is continuously refined and then put to the test with winning results from Baja to Dakar. In addition to the quality and innovative design features you will find on all King shocks we provide you with the highest level of customer support. Our depth of knowledge when it comes to shock tuning and suspension set—up is second to none. We are in the dirt on a weekly basis at races, offroad events and tuning sessions helping you attain the most effective performance from your suspension.

Every part we sell is the product of constant testing and development done with top racers in all classes world wide. This real world testing exposes our designs to a level of abuse and destructive forces that cannot be duplicated in a laboratory or on a computer spreadsheet. Our "hands on" experience enables us to make rapid advancements others haven't even dreamed up yet. Racecars have become heavier, faster and more powerful over the years. King's exclusive damping technology and precision componentry have made possible the rapid evolution of offroad suspension design.

Many of the high performance features available today such as bypass tubes, seal technology, shaft diameters and tube construction were pioneered by King's product development team working to give our customers the competitive edge they need. Our understanding of fluid dynamics and piston design alone has created performance levels unlike all others. Nothing rides like a King.

We don't stock "off the shelf" shocks, everything we make is custom made to fit your application from the finest raw materials and billet stock obtainable. You won't find any cast pieces on a King shock, they don't measure up to our demanding standards. All parts used in our products are machined in house right here in the U.S.A. on precision equipment to exacting standards and hand assembled by our technicians. Regardless which of our products you purchase they all contain the latest technology and materials used in our top of the line racing shocks. When you choose to ride on Kings you can rest assured you will have the finest shocks available.





### R & D

At King, our ultimate goal is unparalleled performance. We don't count on others to supply us with yesterdays off the shelf technology and we aren't constrained by conventional wisdom. We have already incorporated technology into our shocks that others haven't even dreamed up yet. We seek out the latest advances in materials and processes to maintain our commitment of providing you with the very best. We are constantly working with designers, builders, crew chiefs and drivers to develop the next level of ground breaking advances. This constant interaction with real world conditions allows us firsthand knowledge of how our products perform on a wide array of vehicles and allows us to make rapid progress testing new designs. Our 100% custom made for your application process allows us the flexibility to incorporate improvements rapidly to evolve with our latest advancements and changing conditions.

Bypass shock design, large diameter bodies and shafts, advanced fluid dynamics, seal and wear band efficiency and tight tolerance control have all been developed on a hyper intensive schedule. Our theories and practices are constantly tested in the dirt and on the rocks under race conditions day in and day out.

Unlimited race vehicles have gotten bigger, faster and heavier. Tire sizes and weights continue to expand and horsepower has increased to staggering levels. None of these advancements would be possible without Kings technological breakthroughs in strength, performance and function. This commitment to research and development sets King apart from the competition and goes way beyond what other manufacturers offer.

### SERVICE

King shocks attain unprecedented levels of performance and functionality. Our strict adherence to critical tolerances and our attention to detail combine to create a shock capable of producing real results with even minute adjustments. Convenient regularly scheduled shock servicing can be performed at our facility with minimal turnaround times. Our experienced shock experts can easily spot unusual wear patterns and other anomalies that could lead to reduced performance before they become an issue.

Service procedures include precision honing and polishing of shock cylinders, micro polishing of shafts, seal and wear band replacement, all using original replacement parts and precision processes for a perfect fit. Each factory serviced shock is pressure tested after assembly to verify proper sealing.

If you choose to do your own maintenance all of our shocks are serviceable with our fully stocked rebuild kits that contain all necessary original parts. All Kings are easily adjustable by anyone with simple tools and an understanding of shock construction and valving.

For those of you who wish to take advantage of our depth of knowledge in setting up your new shocks or optimizing your existing set-up we offer weekly in the field shock servicing and tuning. Many teams plan their test sessions around our service schedule and when it comes to race weekend we are there too, in the dirt, where you need us, with our fully stocked support trailer to handle any last minute needs. At King, our service to our customers is second to none.







.650+-.003 - .685±.010

MICH COME

2.093±,005

- 1.231±.003

### KING OPTIONS



**Chrome Cylinder**, available option for all smoothie and bypass shocks.



**Polished or Anodized Reservoir,** available option for all shocks with reservoir.



**Polished or Color Anodized Components,** available option for all King products.



**45 Degree Hose Fitting at End Cap,** available option on all remote reservoir shocks for restrictive mounting location.



**90 Degree Hose Fitting at End Cap,** available option on all remote reservoir shocks for restrictive mounting location



**45 Degree Hose Fitting at Reservoir,** available option on all remote reservoir shocks for restrictive mounting location.



**90 Degree Hose Fitting at Reservoir,** available option on all remote reservoir shocks for restrictive mounting location.



**45 Degree Piggy Back Mounting,** available option on 2.0 Performance Race Series shocks and coilovers with restrictive reservoir mounting location.



**90 Degree Piggy Back Mounting**, available option on 2.0 & 2.5 Performance Race Series shocks and coilovers with restrictive reservoir mounting location.



**Longer Remote Reservoir Hose**, available option on all remote reservoir shocks



**Black Remote Reservoir Hose**, available option on all remote reservoir shocks



Stainless Steel Braided Remote Reservoir Hose, available option on all remote reservoir shocks



**Viton Seals,** seals withstand tempetures up to 450 degress. Available option on Performance Race series shocks. Standard on all Pure Race Series shocks.



Compression Adjuster, available option for 20 positions of adjustablity for all piggyback and remote 2.0" & 2.5" Performance Race and Pure Race Series.



**Spherical Bearing Reducers / Spacers,** available to fit 1/2" & 5/8" bolt sizes and 1 1/4" & 1 1/2" mounting tab widths, some metric sizes available.



**Pop -off Rebound Valving**, makes shock a compression dampening only. Available option on all Performance Race and Pure Race Series shocks.



**Additional Bypass Tube,** available option for all bypass shocks.



**Custom Cylinder Length**, available option for all shocks.



Custom Shaft Length, available option for all shocks.



**Lighter 3/4" Shock Shaft**, available option for all 2.0 and 2.5 Performance Race Series shocks.



**Rubber Bump**, available option for all Performance Race and Pure Race Series shocks.



**Foam Bump**, available option for all Performance Race and Pure Race Series shocks.



**Longer Rod Ends**, optional available sizes -3/8" (3/4" shaft only), +1/2", +3/4", +1", +2", +3", available option for most Performance Race and Pure Race Series shocks.



**Welded Loop Rod End**, available option for all Performance Race and Pure Race Series shocks.



**Black Coil Slider**, available option for all 2.0 & 2.5 Performance Race Series coil over shocks.



Billet Nylon Coil Slider, withstands temperature up to 450 degrees. Available option for all 2.0, 2.5, Performance Race Series coil over shocks. Standard on Pure Race Series coil over shocks.



**Aluminum Coil Slider Cover**, option available in countless colors for all 2.0 & 2.5 Performance Race & Pure Race Series coil over shocks.



**Triple Rate Spring Assembly**, available option for all Performance Race & Pure Race Series coil over shocks.



Raised Spring Plate, available option for all Performance Race & Pure Race Series coil over shocks.



**Black King Logos,** available option for all King products.

### KING CUSTOM At King Shocks "custom" is our normal procedure. If you don't see it, ask for it. Every shock we make is built for your particular application. When you order your shocks, our sales consultants review the information provided on your pre-order form to come up with the basic configuration you will need. They then guide you through the over thirty different options

desire. If you can dream it, King can build it. We provide solutions to any damping demands you might have regardless of what you are building or your vehicles intended use. Whether you are restoring a vintage racer, building a monster truck, or in the conceptual stage of a brand new chassis, we have the knowhow and the tools necessary to help you accomplish your goals. Don't let your ideas become compromised by having to run shocks designed for who knows what. King can provide whatever you need to fit your unique design with the ease of adjustment, serviceability and controlled ride quality that we are known for. When it comes time to prove your design in the dirt, King will be there too with our unmatched service and support.

available to come up with the ultimate set of shocks

tailored to your vehicle, driving style, and personal preferences. Almost every component on our shocks has a custom option available. Body and shaft lengths

and diameters, rod end styles, hose materials and

lengths, bump stops, seals, single or dual rate springs

and of course custom colors and finishes to make your vehicle stand out from the crowd or blend into the terrain, we even offer camouflage if that is what you

### KING COILPASS

The King, Coilpass shock, is another prime example of King's ability to conceive and build shocks to fit your application no matter what the design parameters are.

The Coilpass shock is used as a primary suspension member to carry the weight of the vehicle and maintain ride height while providing precise adjustability and the high quality ride characteristics King is famous for. It gives you the same performance as a traditional dual shock set-up but with greater simplicity and less weight. The Coilpass also conforms to single shock per wheel rules mandated in certain racing classes.

The King Coilpass may look exotic but it uses the same time tested components as the rest of our shock line. This unique design can be built in a dual piston configuration offering both velocity and position sensitive damping. You get all the function of dual shocks in one package. Let King's engineering prowess and depth of knowledge provide creative solutions to your suspension design challenges. Nothing rides like a King.



24kt GOLD PLATED SHOCK CYLINDER

AND RUBBER BUMP OPTIONS

WITH RED ANODIZED COMPONENTS & RESERVOIR,

ertain racing classes

## BRIDGESTONE PERFORMANCE RACE SERIES 2.5"x 12" COIL OVER RED BULL EXPERIMENT- NEW YEARS EVE

### PERFORMANCE RACE SERIES

King's Performance Race series shocks are brimming with technological breakthroughs conceived during strenuous testing in the harshest environments. Utilizing only the highest quality materials and strict precision tolerances they deliver unparalleled performance. Our understanding of fluid dynamics and piston design has created unmatched levels of ride quality and superior control.

We offer a wide range of shock types and configurations such as bypass shocks, coilovers, smooth bodies with reservoir, or pure emulsion. Our shocks don't sit on a shelf looking for a home but instead are 100% custom made for your application. All our shocks are easily tunable with simple tools to provide the level of damping you need.

When you choose to ride on Kings you can rest assured you will have the finest shocks available. A set of King, Performance Race series shocks, are all you need to make your suspension perform to its full potential.

100% made in the USA under the strictest tolerances from the highest quality materials obtainable. Easily tunable and serviceable with simple hand tools.

High quality fittings are mated to Aeroquip high pressure hoses, when remote reservoirs are used. which resist abrasion and allow a tighter bend radius without kinking like braided stainless or cloth lines do.

Lightweight hard anodized 6063 aluminum alloy reservoirs dissipate heat quickly and will not rust due to gas charging contamination.

Shock cylinders are precision bored to within +/- .001, then honed after cadmium plating to remove buildup for a tight piston seal and optimum valving function. Coilover shocks are machined with our own truncated thread design for ultimate strength and trouble free spring adjustments.

The heat treated 6061 aluminum alloy piston has our highly developed port configurations that contribute to the famous king damping performance.

Heat treated stainless alloy valve shims have a unique grain structure that does not fracture and remains stable at high temperatures.

Wear bands are made from an exclusive Rulon composite that wears longer than any other material available.

Large 3/4" or 7/8" diameter shafts have a minimum tensile strength of 100,000 pounds per square inch. They are hard chromed and micro-polished to a 6 RA finish for extended seal life.

Aluminum components are machined from aircraft quality billet.

Steel, Teflon lined, spherical bearings for smooth articulation and long life with no metal to metal contact.

### STANDARD STROKE LENGTHS



_	IK	JKE	ı
	СОМР	EXT	ı
6″	13	19	ı
8″	15	23	ı
10"	17.05	27.05	ı
12"	19.585	31.585	ı
14"	21.585	35.585	ı
16"	23.6	39.5	ı
		J	

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TROKE				S	TRO	ΟK
	COMP	EXT			COMP	E
	14	20		8″	16	2
	16	24			18.375	28.37
ס"	18.375	28.375		12"	20.65	32.6
2"	20.65	32.65			23.25	37.2
	23.25	37.25		16"	26	4
3"	26	42	П	18"	28	4
3"	28	46		l		
		$-\!\!-\!\!\!-$				

\*CUSTOM LENGTHS AVAILABLE

### **STEERING STABILIZER** PERFORMANCE RACE "PR"





### **SMOOTHIE PIGGYBACK RESERVOIR** PERFORMANCE RACE "PR"



**SMOOTHIE EMULSION** 

PERFORMANCE RACE "PR"

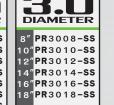














-STANDARD STROKE LENGTHS ON PAGE 8 \*CUSTOM OPTIONS AVAILABLE

\*OPTIONS SHOWN: ANODIZED BLACK COMPONENTS, BLACK HOSE, CHROME SHOCK BODY, POLISHED RESERVOIR, AND RESERVOIR BRACK

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**BYPASS REMOTE RESERVOIR** PERFORMANCE RACE "PR"

> 2.0
> DIAMETER 2 TUBE BYPASS PR2006-BP2H PR2008-BP2H **PR**2010-**BP**2H 12" PR2012-BP2H 4" PR2014-BP2H

> > PR2006-BP3H

PR2008-BP3H

10" PR2010-BP3H

12" PR2012-BP3H

14" PR2014-BP3H

3 TUBE BYPASS

PR2518-BP2H 3 TUBE BYPASS PR2506-BP3H PR2508-BP3H

3.0
DIAMETER DIAMETER 2 TUBE BYPASS 2 TUBE BYPASS

3 TUBE BYPASS SHOWN, 2-5 TUBE CONFIGURATIONS AVAILABLE

PR2506-BP2H PR2508-BP2H " **PR**2510**-BP**2H 12" PR2512-BP2H 14" PR2514-BP2H 6" PR2516-BP2H

10" PR2510-BP3H 12" **PR**2512**-BP**3H 14" **PR**2514**-BP**3H 16" PR2516-BP3H 18" PR2518-BP3H

4" PR3014-PB2H 8" **PR**3018**-BP**2H 3 TUBE BYPASS PR3008-BP3H " **PR**3010**-BP**3H 2" PR3012-BP3H 14" **PR**3014**-BP**3H 16" **PR**3016**-BP**3H 18" PR3018-BP3H

10" **PR**3010-**BP**2H

2" PR3012-BP2H

**BYPASS PIGGYBACK RESERVOIR** PERFORMANCE RACE "PR

PR2006-BP2P

PR2008-BP2P PR2010-BP2P PR2012-BP2P PR2014-BP2P PR2016-BP2P 3 TUBE BYPASS PR2006-BP3P PR2008-BP3P PR2010-BP3P PR2012-BP3P 14" **PR**2014**-BP**3**P** 6" **PR**2016**-BP**3**P** 

2 TUBE BYPASS 6" PR2506-BP2P

PR2508-BP2P PR2510-BP2P **PR**2512**-BP**2**P** 14" PR2514-BP2P 16"PR2516-BP2P PR2518-BP2P 3 TUBE BYPASS PR2506-BP3P PR2508-BP3P **PR**2510**-BP**3**P** 12" PR2512-BP3P 14" PR2514-BP3P 16" PR2516-BP3P 18" PR2518-BP3P

3.0
DIAMETER 2 TUBE BYPASS

PR3008-BP2P

"PR3010-BP2P

14" **PR**3014**-PB**2**P** 16"PR3016-BP2P 18"<mark>PR</mark>3018**-BP**2P **3 TUBE BYPASS** "PR3010-BP3P 14" PR3014-BP3P 16" PR3016-BP3P 18" PR3018-BP3P 2 TUBE BYPASS SHOWN, 2-5 TUBE CONFIGURATIONS AVAILABLE

ASCAR SPRINT CUP SERIES DRIVER

\*SHOWN OPTIONS: ANODIZED BLACK COMPONENTS & RESERVIOR, BLACK HOSE, CHROME SHOCK BODY, BLACK COIL SPACER, AND CUSTOMER POWDER COATED BLACK SPRINGS



### **COIL OVER EMULSION** PERFORMANCE RACE "PR

**COIL OVER PIGGYBACK RESERVOIR** PERFORMANCE RACE "PR"







**COIL OVER REMOTE RESERVOIR** PERFORMANCE RACE "PR"



2.5
DIAMETER 6" PR2506-COHS 8" PR2508-COHS 10"PR2510-COHS "PR2512-COHS "PR2514-COHS



PERFORMANCE RACE "PR" 2.0
DIAMETER

**COIL CARRIER** 

PR2006-CCNRS PR2008-CCNRS 1 [] " PR2010-CCNRS 12" PR2012-CCNRS 14" PR2014-CCNRS

### **OVERVIEW & FEATURES** PURE RACE SERIES **MULTIPLE SCORE TROPHY TRUCK CHAMPIONSHIPS** RACE SERIES 4.0"x 16" 6 TUBE BYPASS WITH PIGGYBACK RESERVIOR 15

### **PURE RACE SERIES**

King's Pure Race Series shocks represent the highest level of race shock development; they are designed with one purpose in mind, all out racing. Our constant process of research and development has allowed us to dominate in the toughest races on the planet like the legendary Baja 1000 and the Dakar Rally.

The Pure Race series have unique materials and design features to withstand blistering temperatures up to 450 degrees and the immense forces encountered by the fastest competition only vehicles. Every aspect of these shocks has been optimized to deliver brute strength, unparalleled performance and precision adjustability. King Pure Race series shocks deliver the control you need whether you are floating through the whoops in a high strung screamer or punishing the dirt in your big bore heavyweight. If your goal is to dominate the competition you need to experience the level of control a set of Kings will provide.

100% made in the USA under the strictest tolerances from the highest quality materials obtainable. Easily tunable and serviceable with simple hand tools.

Shock cylinders are precision bored to within +/- .001, then honed after cadmium plating to remove buildup for a tight piston seal and optimum valving function. Coilover shocks are machined with our own truncated thread design for ultimate strength and trouble free spring adjustments.

Lightweight hard anodized 6063 aluminum alloy reservoirs dissipate heat quickly and will not rust due to gas charging contamination. Threaded end caps withstand high pressures and ease in maintenance.

O-ring Schrader cover that mounts to the cap, not the valve itself, creates a positive seal and keeps dirt and moisture out.

The heat treated 2024 aluminum alloy piston has our highly developed port configurations that contribute to the unique damping performance.

Heat treated stainless alloy valve shims have a unique grain structure that does not fracture and remains stable at high temperatures to maintain consistent valve function.

Wear bands are made from an exclusive Teflon bronze composite that wears longer than any other material available.

Viton rod seals withstand temps up to 450 degrees. Wiper seals are machined with diamond tooling from a high temperature resistant carbon composite material.

Large diameter shafts are induction heat treated, hard chromed and micro polished to a mirror finish. The 58-62 Rockwell hardness and 100,000 psi tensile strength shafts require expensive, specialized machining operations but the additional effort eliminates rock damage and creates a superior sealing surface.

Aluminum components are machined from aircraft quality billet.

### STANDARD STROKE LENGTHS

COMP EXT
8" 17.81 25.81
10" 19.81 29.81
12" 21.81 33.81
14" 24.56 38.56
16" 27.31 43.06
18" 30.06 48.06
20" 32.06 52.06
26" 38.06 64.06

### BYPASS PIGGYBACK RESERVOIR PURE RACE SERIES

2 TUBE BYPASS RS2508-BP2P RS2510-BP2P

RS2512-BP2F RS2514-BP2F RS2516-BP2F RS2518-BP2P

TUBE BYPAS RS2508-BP3F RS2510-BP3F RS2512-BP3P RS2514-BP3F RS2516-BP3P RS2518-BP3F

RS3012-BP3F RS3016-BP3F RS3020-BP3F RS3026-BP3F

3 TUBE BYPASS RS3008-BP3P RS3010-BP3P RS3014-BP3P RS3018-BP3P

5 TUBE BYPASS RS3008-BP5F RS3010-BP5P **RS**3012**-BP**5**P RS**3014-**BP**5**P** RS3016-BP5P 18" RS3018-BP5P RS3020-BP5P RS3026-BP5F

RS4010-BP5F RS4012-BP5F RS4014-BP5I RS4016-BP5F RS4018-BP5F RS4020-BP5F RS4026-BP5I 6 TUBE BYPASS RS4010-BP6F RS4012-BP6F RS4014-BP6F

RS4016-BP6F

RS4018-BP6F

" **RS**4020**-BP**6**P** 

"RS4026-BP6P

### WHY PURE RACE SERIES?

King, Pure Race series bypass and coil over shocks are built to exacting standards with one thing in mind; performance above all else. Bypass shock tubes are made from 4130 Chromoly material. The bypass ports are cnc drilled then hand de-burred and polished. The bypass tubes are beautifully tig welded in their designated locations before the completed assemblies are pressure tested to 300 psi. The welded and plated bodies are then precision bored to +/- .001 of an inch before honing. The ports consist of an array of smaller holes to help maintain piston seal. The piston slides over the fluid passages without scuffing the wear band or seals. The port openings are meticulously flow matched to the bypass tubes to provide unrestricted fluid flow to the valves. Tube locations are determined using your vehicle specifics and our knowledge base accumulated through years of testing. They are designed as a left and right and come with your choice of reservoir mounting options to fit your chassis like a glove.

King bypass valves are built to critical tolerances using high-temp 17-4 stainless steel alloy. Our adjusters offer a level of functional adjustability that is unmatched. The first turn of the high strength heat treated adjusting screw offers the same precise metering as the last. Each bypass stage is separately tunable, position sensitive and operates independently from the others. King's cold drawn 2024 billet aluminum piston design incorporates our deep understanding of fluid dynamics and precision machining abilities. The gapless, Teflon impregnated bronze wear band is pre-loaded in the piston groove with a Viton o-ring so it fits tightly into the bore and creates a double seal. This optimizes valving function and on the bypass shock seals so well that it allows the final compression stage to be used as a hydraulic bump stop. King bypass and coil over shocks contain stainless alloy heat treated valve shims that remain stable at high temperatures to maintain consistent damping and avoid fatique cracks like carbon steel shims.

King Pure Race coil over shock bodies are machined with our own truncated thread design to produce ultimate strength and trouble free spring adjustments. Our three piece adjusting nut assembly has a unique pinch bolt design that offers superior clamping force to retain your coil preload adjustments without crushing the threads like set screw style collars do. It also includes an upper spring centering ring and nylon antifriction disc to make quick work of adjusting even the heaviest springs under substantial preload. Our machined billet nylon coil sliders maintain proper spring alignment and silent operation while withstanding temperatures up to 450 degrees. Progressive dual rate spring applications use a set of lockable secondary nuts threaded onto the body to allow precise adjustment of secondary spring engagement.

### BYPASS REMOTE RESERVOIR

### PURE RACE SERIES

3 TUBE BYPASS

RS3010-BP5H

RS3012-BP5H

**RS**3014-**BP**5H

RS3016-BP5H

18" RS3018-BP5H RS3020-BP5H RS3026-BP5H



TUBE BYPASS RS2508-BP2H RS2510-BP2H RS2512-BP2H RS2514-RP2H RS2516-BP2H

RS2518-BP2H 3 TUBE BYPASS **RS**2508-**BP**3**H** RS2510-BP3H RS2512-BP3H 14" **RS**2514**-BP**3H RS2516-BP3H RS2518-BP3H



RS4010-BP5H RS3008-BP3H RS4012-BP5H RS3010-BP3H RS4014-BP5H RS3012-BP3H RS4016-BP5H RS3014-BP3H RS4018-BP5H RS3016-BP3H RS4020-RP5H RS3018-BP3H RS4026-RP5H RS3020-BP3H RS3026-BP3H 6 TUBE BYPASS 5 TUBE BYPASS RS4010-BP6F RS3008-BP5H

RS4012-BP6H RS4014-BP6F RS4016-BP6H **RS**4018-**BP**6H 20" RS4020-BP6H 26" RS4026-BP6H

Springs twist during extension and compression. The King 3 Piece coil nut allows the springs natura

RS2008-CCS RS2010-CCS RS2012-CCS RS2014-CCS

**COIL OVER REMOTE RESERVOIR** PURE RACE SERIES

8" RS2508-COS

12" RS2512-COS

14"RS2514-COS

16"**RS**2516**-COS** 

**COIL CARRIER** 

PURE RACE SERIES

"RS2510-COS

2.0
DIAMETER 8" RS2508-CCS 10" RS2510-CCS 12" RS2512-CCS 14" RS2514-CCS RS2016-CCS 16" RS2516-CCS

8" RS3008-COS

12" RS3012-COS

16" RS3016-COS

18" RS3018-COS RS3020-COS 26" **RS**3026-**COS** 

RS3010-COS

RS3014-COS

COIL SPRINGS SOLD SEPARATELY

COIL OVER REMOTE RESERVOIR SHOW

8" RS2008-COS

12" RS2012-COS 14" RS2014-COS

RS2010-C0S

STANDARD STROKE LENGTHS ON PAGE 16 \*CUSTOM LENGTHS AVAILABLE

### **MONSTER TRUCK SHOCKS**

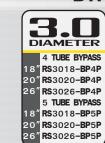
King Shocks is the leader when it comes to custom design and engineering. King air springs, coilovers and bypass shocks for Monster Trucks contain the same proven technology constantly being developed in brutal competition from stadiums across America to Baja and Dakar. Monster Trucks have evolved from merely a spectacle, performing slow speed car crushing, into highly engineered, competitive race trucks.

The unique demands placed on Monster Truck suspensions in competition require the highest level of damping performance and brute strength that only King custom shocks provide. King's constant progression in damping function, quality of materials and ultimate strength of components make us the natural choice if your goal is to dominate the competition. King's easily serviceable and tunable designs give you the adjustability you need to maintain your competitive edge and if needed, our tuning expertise is only a phone call or email away. Once you experience the performance and ride quality of King Shocks you will know there really is a difference. Nothing rides like a King.

### **AIR SPRINGS**



### **BYPASS**



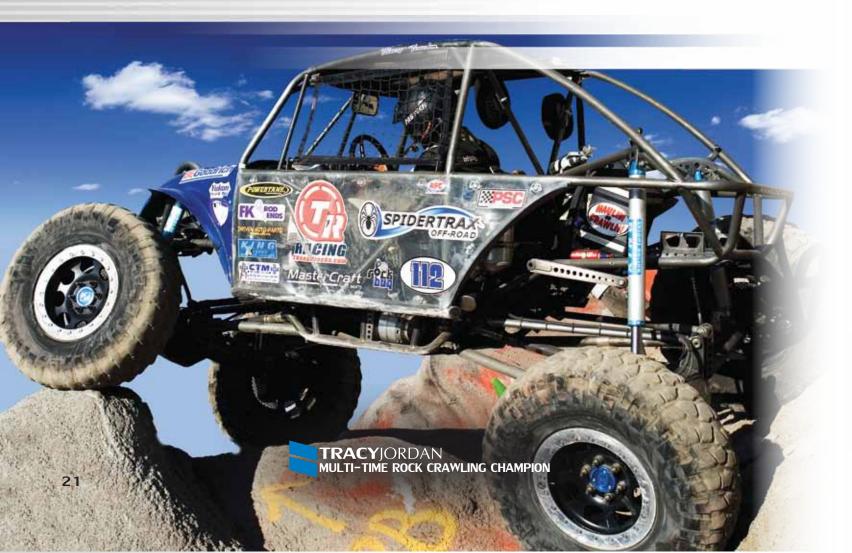


4 TUBE BYPASS 18" RS4018-BP4P 20" RS4020-BP4P 26" RS4026-BP4P 5 TUBE BYPASS 18" RS4018-BP5P 20" RS4020-BP5P 26" RS4026-BP5P

### **COIL OVER**









### **AIR SHOCK SERIES**

Air shocks have been around for a long time. King's quality materials, unique design features and precise tolerances are what set our air shocks apart. King air shocks offer infinite height and pressure settings in addition to our easily adjustable valving. Tubular, hard chromed shafts further reduce the weight and urethane seals insure proper sealing and long life. The quality of our internal sealing allows you to set-up your air shock to also function as a bumpstop if needed.

King's air bypass shock provides the features of our air shock with the position sensitive damping control of our bypass design. This shock is a prime example of King's custom built for your application approach. If you don't see it, ask for it. Once you experience King shocks you will know there really is a difference. Nothing rides like a King.

100% made in the USA under the strictest tolerances from the highest quality materials obtainable. Easily tunable and serviceable with simple hand tools.

O-ring Schrader cover that mounts to the cap, not the valve itself creates a positive seal and keeps dirt and moisture out. Not available on air bypass.

Shock cylinders are precision bored to within +/-.001, then honed after cadmium plating to remove buildup for a tight piston seal and optimum valving function.

Aluminum components are machined from aircraft

The heat treated 6061 aluminum alloy piston has our highly developed port configurations that contribute to the unique damping performance and famous King ride quality.

Heat treated stainless alloy valve shims have a unique grain structure that does not fracture and remains stable at high temperatures to maintain consistent valve function.

Wear bands are made from an exclusive Teflon bronze composite that wears longer than any other material available. The same material is used on beds and ways of precision cnc machines.

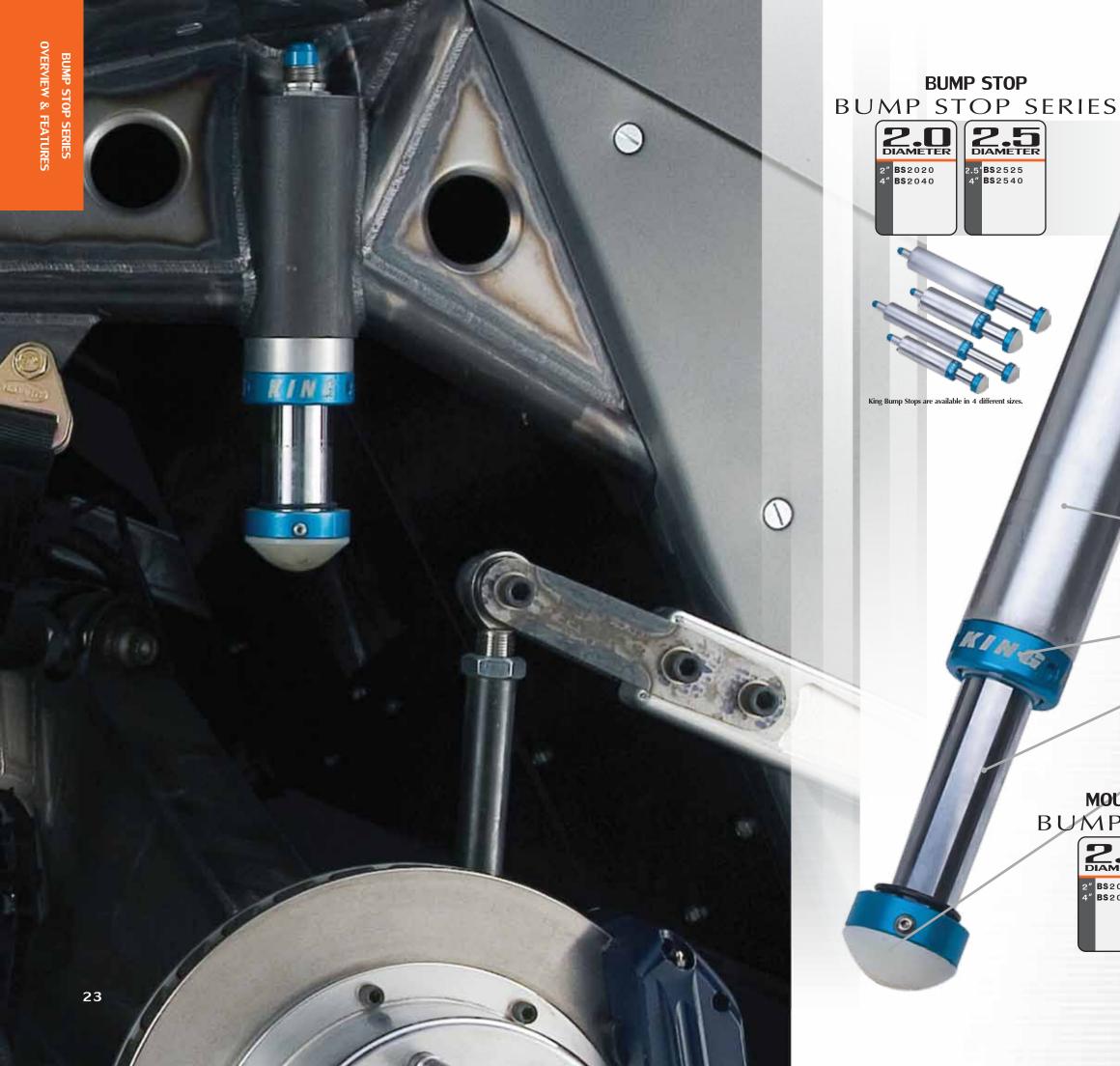
Large 1-1/4" or 1-5/8" diameter shafts have a minimum tensile strength of 75,000 pounds per square inch. They are hard chromed and micropolished to a 6 RA finish for extended seal life.

Steel Teflon lined spherical bearings for smooth articulation and long life with no metal to metal

### STANDARD STROKE LENGTHS



\*CUSTOM LENGTHS AVAILABLE



### **BUMP STOP SERIES**

King bump stops provide an additional level of bottoming control when you are using every bit of suspension travel available. We offer 2.0 and 2.5 inch diameter bodies with stroke lengths from 2 to 4 inches to fit any mounting location requirements and handle any suspension arresting loads. Our 4130 Chromoly mounting sleeves are precision machined to size and offer a secure and sturdy mount without pinching the bump stop body. Our unique Schrader cover mounts to the housing not the Schrader valve itself to protect it and acts as a double seal to keep dust and moisture out. Our bump stops contain a unique piston design that offers superior flow characteristics and the same quality micro polished shafts and advanced seal technology as our race shocks. Our long wearing nylon contact pad insures quiet operation and mounts with a simple yet effective single bolt design.

King bump stops help you use all the suspension travel you have to get the most out of your vehicle. They are easily tuned and serviceable with simple hand tools. You really need to experience the comfort and control a set of King bump stops provide. Nothing rides like King.

100% made in the USA under the strictest tolerances from the highest quality materials obtainable. Easily tunable and serviceable with simple hand tools.

Double o-ring Schrader cover that mounts to the body, not the valve itself creates a positive seal and keeps dirt and moisture out.

Unique mounting boss design with locating pin securely locates the bump stop without pinching the outside of the tube.

Bump stop bodies are precision bored to within +/-.001, then honed after cadmium plating to remove buildup for a tight piston seal and optimum valving

Aluminum components are machined from aircraft quality billet.

Large 1-1/4" or 1-5/8" diameter shafts have a minimum tensile strength of 75,000 pounds per square inch. They are hard chromed and micropolished to a 6 RA finish for extended seal life.

long wearing nylon contact pad insures quiet operation and mounts with a simple yet effective single bolt

4130 Chromoly bump stop mounting sleeve is bored to size after tig welding to provide a precise fit



**BUMP STOP** 

2.5"B\$2525 4" B\$2540



**MOUNTING SLEEVE** 





### **OEM PERFORMANCE KITS**

King's new line of Original equipment manufacturer, (OEM), shock upgrade kits provide a bolt on suspension system that elevates your on and off-road performance to unmatched levels. Each kit has been subjected to punishing real world testing to develop the optimal damping curves and spring rates for your vehicle. Built with the same quality of materials and precise tolerances found on our high end race shocks our OEM upgrade kits enable you to experience the famous King ride quality on your daily driver.

Built with race winning design features our kits come complete and provide simple 100% bolt on installation with no cutting or welding done to your vehicle. Our front kits provide an adjustable ride height and up to a 25% increase in wheel travel. Rear kits typically allow a 15% travel increase. Large 2.5" diameter shock bodies and external reservoirs dramatically increase fluid capacity and heat dissipation to provide sustained damping performance even under the most punishing conditions. Our OEM upgrade shocks feature the same serviceable design that allows for valve adjustments with simple hand tools just like our race shocks.

Our experienced shock technicians are a phone call away to help should any questions arise during installation or use. Our kits are available ready to bolt into stock vehicles or with custom length rod end for vehicles running lifted aftermarket suspensions.

100% made in the USA under the strictest tolerances from the highest quality materials obtainable. Easily tunable and serviceable with simple hand tools.

Lightweight hard anodized 6063 aluminum alloy reservoirs dissipate heat quickly and will not rust due to gas charging contamination. High quality fittings are mated to Aeroquip high pressure hoses which resist abrasion and kinking.

2.5" Shock cylinders are precision bored to within +/-.001, then honed after cadmium plating to remove buildup for a tight piston seal and optimum valving function. Coilover shocks are machined with our own truncated thread design for ultimate strength and trouble free spring preload and height adjustments.

The heat treated 6061 aluminum alloy piston has our highly developed port configurations that contribute to the unique damping performance and famous King ride quality.

Wear bands are made from an exclusive Rulon composite that wears longer than any other material available.

Large 3/4" or 7/8" diameter shafts have a minimum tensile strength of 100,000 pounds per square inch. They are hard chromed and micro-polished to a 6 RA finish for extended seal life.

Aluminum components and vehicle specific mounts are machined from aircraft quality billet.

Steel Teflon lined spherical bearings for smooth articulation and long life with no metal to metal contact.

Front and rear kits all include the necessary vehicle specific mounting brackets and hardware along with detailed installation instructions.

### **All Available Performance Series Kits**

NEW KITS CONTINUOUSLY DEVELOPED CHECK WEBSITE OR CALL FOR UPDATES

"International valving, increased damping for heavy duty use.

		*	International valving, increased damping for heavy duty use.				
	Part #	International Valving Part #	Product Description	Reservoir Type	Max Tire	Lift	
						- "	
	25001-259	25001-259E	Land Cruiser HDJ100, Toyota 98-02 Front Shocks	Piggyback	N/A	0"	
	25001-258	25001-258E	Land Cruiser HDJ100, Toyota 98-02 Rear Shocks	Piggyback	N/A	0"	
	25001-261	25001 2615	Land Cruiser HD L120 Toyota 02-07 Front Coil Overs	Hose Remote	N/A	2"-3.5"	6
	25001-261	25001-261E	Land Cruiser HDJ120, Toyota 03-07 Front Coil Overs Land Cruiser HDJ120, Toyota 03-07 Rear Shocks	Hose Remote	N/A	0"	
	25001-262	25001-262E	Land Cruiser Tib5120, Toyota 05-07 Real Shocks	nose kemote	IN/A	U	-
	25001-266	25001-266E	Land Cruiser HDJ200, Toyota 08+ Front ?	Hose Remote	N/A	2"-3.5"	6
-	25001-267	25001 200E	Land Cruiser HDJ200, Toyota 08+ Rear ?	Hose Remote	N/A	0"	1
		20001 2072					
	25001-151	N/A	Tacoma, Toyota 96-04 (6 Lug) Front Coil Overs	Internal	32"	2"-3.5"	
							6
	25001-119	N/A	Tacoma, Toyota 05+ (6 Lug) Front Coil Overs	Hose Remote	32″	2"-3.5"	/
	25001-121	N/A	Tacoma, Toyota 05+ (6 Lug) Rear Shocks	Hose Remote	32"	0"	
					"	0" 0 ="	
	25001-138	N/A	Tundra, Toyota 99-06 Front Coil Overs	Internal	33"	2"-3.5"	6
	05001 110	N/A	Tunden Touris 07   Front Coll Overs	Hans Damaka	33"	3"-4"	/
-	25001-143 25001-144	N/A N/A	Tundra, Toyota 07+ Front Coil Overs Tundra, Toyota 07+ Rear Shocks	Hose Remote Hose Remote	33"	0"	
	25001-144	N/A	Tulidia, Toyota 07+ Real Shocks	nose kemote	33		
-	25001-124	25001-124E	FJ Cruiser, Toyota 06-08 Front Coil Overs	Hose Remote	33″	2"-3.5"	6
×	25001-125	25001 124E	FJ Cruiser, Toyota 06-08 Rear Shocks	Hose Remote	33″	0"	1
		20001 1202					
	25001-263	25001-263E	Hilux, Toyota 05-09 Front Coil Overs	Hose Remote	N/A	2"-3.5"	
	25001-260	25001-260E	Hilux, Toyota 05-09 Rear Shocks	Piggyback	N/A	0"	6
							1
	25001-168	N/A	F150, Ford 04-08 2wd Front Coil Overs	Internal	33″	2"-3.5"	
=	25001-170	N/A	F150, Ford 04-08 2wd Rear Shocks	Piggyback	33"	0"	
			F450 F. w.   04 00 4 w.   F. w.   6 1 0 w. w.	II Dt.	22"	2"-3.5"	6
-	25001-167	N/A	F150, Ford 04-08 4wd Front Coil Overs	Hose Remote	33″ 33″	0"	1
	25001-169	N/A	F150, Ford 04-08 4wd Rear Shocks	Piggyback	33	U	
-	25001-211	N/A	F150, Ford 09+ 2wd Front Coil Overs	Internal	33"	2"-3.5"	
	25001-212	N/A	F150, Ford 09+ 2wd Rear Shocks	Piggyback	33"	0"	6
	2000. 2.2	1077		33,			1
	25001-213	N/A	F150, Ford 09+ 4wd Front Coil Overs	Hose Remote	33"	2"-3.5"	
	25001-214	N/A	F150, Ford 09+ 4wd Rear Shocks	Piggyback	33"	0"	
н							6
	25001-146	N/A	F250 /350, Ford 05+ Front Coil Over	Hose Remote	37″	2"-3.5"	1
	25001-171	N/A	F250 /350, Ford 05+ Rear Shocks	Piggyback	37"	0"	
			TIL NI	5	22"	2"-3.5"	
	25001-039 25001-142	N/A	Titan, Nissan 04+ Front Coil Overs	Hose Remote	33″ 33″	0"	6
	25001-142	N/A	Titan, Nissan 04+ Rear Shocks	Piggyback	33	U	6
-	25001-111	25001-111E	Frontier, Nissan 05-08 Front Coil Overs	Hose Remote	32"	2"-3.5"	
	25001-110	25001 111E	Frontier, Nissan 05-08 Rear Shocks	Piggyback	32"	0"	
=		20001 1102		337			6
	25001-156	25001-156E	Patrol, Nissan 05-09 Front Shocks	Hose Remote	N/A	0"	6
	25001-257	25001-157E	Patrol, Nissan 05-09 Rear Shocks	Piggyback	N/A	0"	
	25001-264	25001-264E	Pajero / Montero / DID, Mitsubishi 06+ Front Coil Overs	Hose Remote	N/A	2"-3.5"	1
	25001-265	25001-265E	Pajero / Montero / DID, Mitsubishi 06+ Rear Shocks	Hose Remote	N/A	0"	6
			Woods TI I as a Section Chair	D'ambada	BI / A	0"	
-	25001-160	25001-160E	Wrangler TJ, Jeep 97-06 Front Shocks Wrangler TJ, Jeep 97-06 Rear Shocks	Piggyback Piggyback	N/A N/A	0″	
×	25001-161	25001-161E	Wangier 13, Seep 97 00 Real Shocks	Figgyback	IN/A		/
	25001-180	25001-180E	Wrangler JK, Jeep 07+ Front Shocks	Piggyback	N/A	0"	(
Ŧ	25001-181	25001-181E	Wrangler JK, Jeep 07+ Rear Shocks	Piggyback	N/A	0"	ı
		2000. 1012		337			
	25001-166	25001-166E	Wrangler JK, Jeep 07+ 2.0 FP Front Shocks	Piggyback	N/A	0"	
	25001-167	25001-167E	Wrangler JK, Jeep 07+ 2.0 FP Rear Shocks	Piggyback	N/A	0″	
	25001-163	25001-163E	Grand Cherokee WK, Jeep 05+ Front Coil Overs	Hose Remote	N/A	2"-3.5"	
	25001-166	25001-166E	Grand Cherokee WK, Jeep 05+ Rear Shocks	Piggyback	N/A	0″	
	05001	N/ *	1500/Tohen Chang 074 Front C-!! O	Hear Down	22"	2"-2 ="	
	25001-148	N/A	1500 Chevy 07+ Pear Shocks	Hose Remote	33″ 33″	2"-3.5" 0"	
	25001-154	N/A	1500, Chevy 07+ Rear Shocks Tahoe, Chevy 07 Rear Shocks	Piggyback Piggyback	33″ 33″	0"	
	25001-150	N/A	rande, enery or hear shocks	riggyback	33	0	
	25001-184	N/A	2500/3500HD, Chevy 01+ Front Shocks	Hose Remote	33″	0"	
	25001-201	N/A	2500/3500HD, Chevy 01+ Rear Shocks	Piggyback	33"	0"	
				55,			
	25001-270	25001-270E	H2, Hummer 03+ Front Shocks	Hose Remote	35"	0"	
	25001-271	25001-271E	H2, Hummer 03+ Rear Shocks	Piggyback	35″	0″	



### **TOYOTA TRUCKS FRONT** PERFORMANCE SERIES

**OEM** TOTOTA

Tornt 25001–151 Tacoma 96–04 (6 Lug) Front Coil Overs
Tornt 25001–119 Tacoma 05+ (6 Lug) Front Coil Overs

ront 25001–138 Tundra 99–06 Front Coil Overs ront 25001–143 Tundra 07+ Front Coil Overs

\*Custom Lengths Available For Aftermarket Lift Kits

KITS COME COMPLETE WITH BRACKETS AND HARDWARE

### **TOYOTA TRUCKS REAR** PERFORMANCE SERIES

**OEM** TOTOTA

Tacoma 05+ (6 Lug) Rear Shocks Rear 25001-121

Tundra DB+ Rear Shocks Rear 25001-144

KITS COME COMPLETE WITH BRACKETS AND HARDWARE

### TOYOTA FJ CRUISER FRONT



ront 25001-124 FJ Cruiser D6+ Front Coil Overs

\*Custom Lengths Available For Aftermarket Lift Kits

KITS COME COMPLETE WITH BRACKETS AND HARDWARE

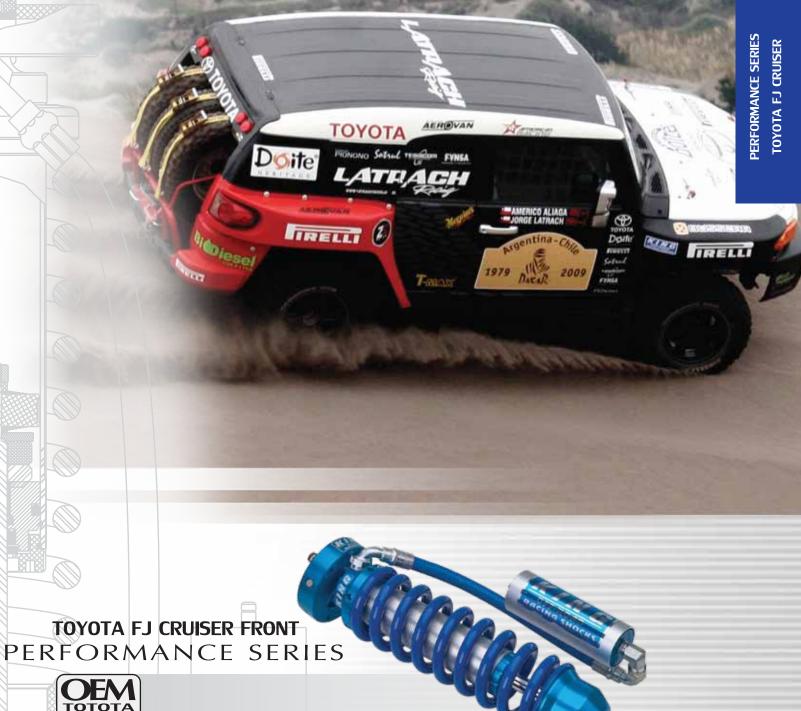
### **TOYOTA FJ CRUISER REAR** PERFORMANCE SERIES

FJ Cruiser D6+ Rear Shocks Rear 25001-125

\*\*Custom Lengths Available For Aftermarket Lift Kits

KITS COME COMPLETE WITH BRACKETS AND HARDWARE









FORD

25001-168 F150 04-08 2wd Front Coil Overs

ont 25001-211 F150 09+ 2wd Front Coil Overs ont 25001-213 F150 09+ 4wd Front Coil Overs

KITS COME COMPLETE WITH BRACKETS AND HARDWARE



FORD

F150 04-08 2wd Rear Shocks F150 04-08 4wd Rear Shocks Rear 25001-170

F150 09+ 2wd Rear Shocks F150 09+ 4wd Rear Shocks Rear 25001-212 \*\*Custom Lengths Available For Aftermarket Lift Kits

### **FORD SUPER DUTY FRONT** PERFORMANCE SERIES



Front 25001-146 F250/350 05+ 4wd Front Coil Overs

\*Custom Lengths Available For Aftermarket Lift Kits

VEHICLE SHOWN WITH AFTERMARKET LIFT KIT AND CUSTOM SHOCK CONFIGURATION

KITS COME COMPLETE WITH BRACKETS AND HARDWARE





F250/350 05+ 4wd Rear Shocks Rear 25001-171

\*\*Custom Lengths Available For Aftermarket Lift Kits





Wrangler TJ 97-06 2.5" Front Shocks
Wrangler JK 07+ 2.5" Front Shocks
Front 25001-180

\*\*Available For All Aftermarket Lift Kits Rear 25001–161 Wrangler TJ 97–06 2.5" Rear Shocks Wrangler JK 07+ 2.5" Rear Shock

KITS COME COMPLETE WITH BRACKETS AND HARDWARE

### **JEEP WRANGLER 2.0" SHOCKS** PERFORMANCE SERIES

Front 25001–166 Wrangler JK 07+ 2.0" Floating Piston Front Shocks

\*\*Available For All Aftermarket Lift Kits

Wrangler JK 07+ 2.0" Floating Piston Rear Shocks Rear 25001-167

KITS COME COMPLETE WITH BRACKETS AND HARDWARE

### **JEEP GRAND CHEROKEE FRONT** PERFORMANCE SERIES

XITS COME COMPLETE WITH BRACKETS AND HARDWARE

OEM, Grand Cherokee WK 05 + Front Coil Overs Front 25001-163

\*\*Custom Lengths Available For Aftermarket Lift Kits

SHOCK BOLTS TO EXISTING FACTORY MOUNT AS SHOWN

### **JEEP GRAND CHEROKEE REAR** PERFORMANCE SERIES



Rear 25001–167 Grand Cherokee WK 🛛 5 + Rear Shocks \*Custom Lengths Available For Aftermarket Lift Kits





### **NISSAN TRUCKS FRONT** PERFORMANCE SERIES



Titan 04 + Front Coil Overs Front 25001-039

Frontier 05 + Front Coil Overs Front 25001-111

\*\*Custom Lengths Available For Aftermarket Lift Kits

ITS COME COMPLETE WITH BRACKETS AND HARDWARE

### **NISSAN TRUCKS REAR** PERFORMANCE SERIES



ear 25001-142 Titan 04 + Rear Shocks

25001-110 Frontier 05+ Rear Shocks

\*Custom Lengths Available For Aftermarket Lift Kits





Front 25001-148 Silverado / Sierra / Tahoe / Yukon 07+ Front Coil Overs

25001-184 Chevy 2500/3500HD 01+ Front Shocks

lummer H2 03+ Front Shocks \*Custom Lengths Available For Aftermarket Lift Kits

KITS COME COMPLETE WITH BRACKETS AND HARDWARE





### CHEVY / GMC / HUMMER REAR PERFORMANCE SERIES

Silverado / Sierra / 07+ Rear Shocks Rear 25001-154 Tahoe / Yukon 07+ Rear Shocks Rear 25001-150

Chevy 2500/3500HD 01+ Front Shocks Rear 25001-201

Hummer H2 03+ Rear Shocks Rear 25001-271 \*\*Custom Lengths Available For Aftermarket Lift Kits

36



### **UTV SERIES**

After a year of extensive research to develop a UTV shock capable of winning the Baja 1000 and 500, (which we were the first to do), King's full line of performance shock systems for side by sides are now available to the public. Whether you're working on the farm, hitting the dunes or in the heat of competition, few vehicles offer the versatility and enjoyment that the modern UTV provides.

Designing a shock to work under such diverse conditions is no easy task. King's shock engineers utilized their extensive knowledge designing shocks that perform on all types of vehicles in some of the world's toughest environments to produce a shock line that fits the needs of UTV enthusiasts and racers. Our UTV shocks come in lengths to fit your stock suspension or custom versions to work with long travel kits. Our UTV shocks are built with the same quality materials and strict precision tolerances that we use in our high end race shocks. King UTV shocks with our optional Wide Range Compression Adjuster give you the ability to precisely adjust compression from super soft to super firm with a simple twist. The clearly marked billet knob offers 20 positive clicks of finely tuned adjustment.

Our shocks are easily serviceable with simple hand tools and offer machined billet construction, tunable valving, nitrogen pressure adjustable external reservoirs, and ride height adjustment. Now you can experience the ultimate performance and famous King ride quality on your UTV. Regardless if you are just out cruising or battling for the lead in competition the same set of King Shock's will give you the damping control you need. Nothing rides like a King.

100% made in the USA under the strictest tolerances from the highest quality materials obtainable. Easily tunable and serviceable with simple hand tools.

Bolt on installation available in stock lengths or extended versions for long travel suspensions.

Integrated piggyback style mounted light weight hard anodized 6061 aluminum alloy reservoirs dissipate heat quickly and will not rust due to gas charging contamination.

Shock cylinders are precision bored to within +/- .001 to ensure seal fit. Cylinders are honed after cadmium plating for precise piston sealing. Machined with our own truncated thread design for ultimate strength and trouble free spring preload and ride height adjustments.

Optional Wide Range Compression Adjuster. Clearly marked billet adjuster knob offers 20 positive clicks of finely tuned adjustment.

Large 3/4" diameter shafts have a minimum tensile strength of 100,000 pounds per square inch. They are hard chromed and micro-polished to a 6 RA finish for extended seal life.

Urethane foam bump stop included to cushion full bottoming.

Aluminum components are machined from aircraft quality billet.

Steel Teflon lined spherical bearings for smooth articulation and long life with no metal to metal contact.





## KING JACK Part # SJ1001

### **KING JACK**

The King Race Jack was conceived as a tough lightweight jacking device to be carried onboard race vehicles as a replacement for heavy awkward floor jacks. The King jack is a mechanical design that does not rely on hydraulic pressure to lift your vehicle. It will never lose fluid and leave you stranded in the middle of nowhere. The actuating nut is the same 3/4" hex that your lug nuts use so wheel changes are quick with no additional tools needed. The jacking boss is adjustable up and down on the jack body to compensate for the height of your vehicle. The jacking range is a full 14" to provide enough clearance for even the tallest tires. A King race jack will provide peace of mind and ease of operation when you need it most, don't get caught without one. Recommended for open wheel vehicles under 4500 pounds.Part # SJ1001

100% made in the USA under the strictest tolerances from the highest quality materials obtainable. Easily serviceable with simple hand tools.

Actuation screw has the same 3/4" hex as your lug nuts for quick tire changes.

Cadmium plated steel body is sealed from the elements.

Knurled Jacking pin adjusts up or down to match the ride height of your vehicle.

Billet aircraft quality aluminum components.

Large 1-1/4" hard chromed shaft has a full 14" of travel.

Steel Teflon lined spherical bearings for smooth articulation and long life with no metal to metal contact.

Rod end attaches to large round base through stainless steel Teflon lined spherical bearings for smooth articulation when jacking on uneven terrain.

### **KING AIR JACK**

King air jacks are a simple compact solution to lift your vehicle when service is needed. The 3.0" diameter bodies are designed to be permanently mounted on your fabricated mounts to each side of the chassis so they can independently lift one entire side of your race vehicle off the ground. The jacks are extended up to 18" by either Nitrogen or CO2 gas from an onboard tank. The double acting cylinders, (pressurized extension and retraction) have a pivoting base and a unique, heat treated shaft that allows it to deflect so you can jack on un-even terrain. King air jacks will get you back racing quickly giving you the competitive edge you need. Part # AJ1001

Part # AJ1001

### 2.5 INCH INSIDE DIAMETER FITS 2.0 DIAMETER SHOCKS

250 SPR25-12-250

300 SPR25-12-300

350 SPR25-12-350

400 SPR25-12-400 450 SPR25-12-450

600 SPR25-12-600

SPR25-12-500

\*SPR25-12-700

\*SPR25-12-800

\*SPR25-12-900

\*SPR25-10-1000



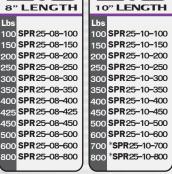












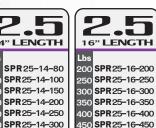


SPR25-14-350

SPR25-14-400

SPR25-14-450

500 SPR25-14-500 600 SPR25-14-600 650 \*SPR25-14-650 SPR25-14-500



SPR25-16-500

SPR 25-16-600

SPR 25-16-650

\*SPR 25-16-700

SPR25-16-750



### 3.0 INCH INSIDE DIAMETER FITS 2.5 DIAMETER SHOCKS





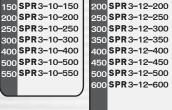








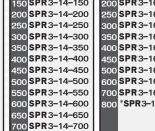










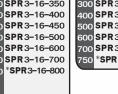




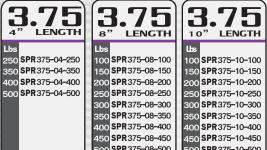
LENGIH	18 LENGIH
	Lbs
SPR3-16-200	150 SPR 3-18-150
SPR3-16-250	200 SPR 3-18-200
SPR3-16-300	250 SPR 3-18-250
SPR3-16-350	300 SPR 3-18-300
SPR3-16-400	400 SPR 3-18-400
SPR3-16-450	500 SPR 3-18-500
SPR3-16-500	600 SPR 3-18-600
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SPR3-16-700	750 *SPR3-18-750
*SPR3-16-800	

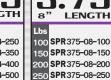


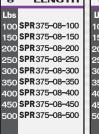




### 3.75 INCH INSIDE DIAMETER FITS 3.0 DIAMETER SHOCKS









200 SPR375-10-200 250 SPR375-10-250 300 SPR375-10-300 350 SPR375-10-350 400 SPR375-10-400 450 SPR375-10-450 500 SPR375-10-500



100 SPR375-13-100 150 SPR375-13-150 SPR 375-13-200 250 SPR375-13-250 300 **SPR**375-13-300 350 **SPR**375-13-350 400 **SPR**375-13-400 500 SPR375-13-500 600 SPR375-13-600 00 **SPR**375-13-700







### 20" LENGTH 300 SPR375-20-300

SPR375-20-350 \*SPR375-20-400 \*SPR375-20-500 \*SPR375-20-600 \*SPR375-20-650 \*SPR375-20-700 \*SPR 375-20-750

22" LENGTH \*SPR375-22-300 SPR375-24-300 SPR 375-22-350 SPR375-24-350 SPR375-22-400 SPR 375-24-400 SPR375-22-450 SPR 375-24-450 SPR 375-22-500 SPR375-24-500 SPR 375-22-550 SPR375-24-550 SPR 375-22-600 SPR375-24-600 \*SPR375-24-700 SPR375-22-700 \*SPR375-22-800

\* Spring may not come in King Blue



King has over 10,000 springs in stock. The largest and most complete spring inventory in the off-road industry.

King coil springs are manufactured to our specifications in the USA using the finest quality, high tensile, chrome silicon wire available. Our springs are specifically wound for off-road applications, not repackaged car springs. Our spring rates, wire diameters and coil lengths have been developed through extensive real world testing on all types of terrain. Our race winning designs have been put to the test in the heat of battle from Baja to Dakar.

All springs have closed and ground ends to sit flat and deflect true. We have the largest selection of springs to match your application, over 10,000 in stock, ready to go. We sell thousands of springs a month with barely a return ever, yet we offer a lifetime warranty to the original purchaser against sagging and breakage. You will have the added peace of mind knowing you're covered, just in case. In the rare occurrence that a spring does fail, it will be cheerfully replaced with no questions asked. Our customer support is second to none just like the quality and performance of our products. Nothing rides like a King.

### Decoding King coil part numbers:

Example; SPR375-22-250

375 = 3.75" internal diameter spring \* fits 3.0" shock.

22 = 22 inches long. 250 = 250 lbs. spring rate.

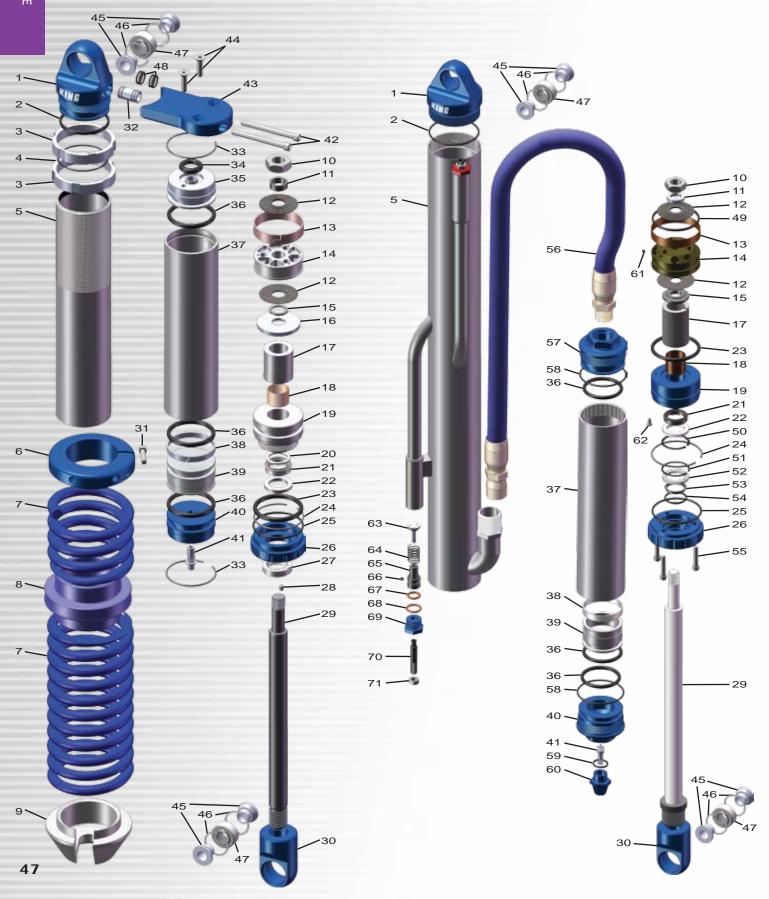
The spring rate is a number that represents the amount of force in pounds that it takes to compress the coil 1 inch.

King shocks are available with many coil spring options depending on your application. A single rate spring is a single coil on the shock. As the coil compresses the rate increases at a linear rate. If the spring rate for that coil is 300lbs per inch then compressing that coil one inch generates 300lbs., two inches generates 600lbs., 3 inches equals 900lbs. You can also have a dual rate spring which is two coils mounted to the shock. If the spring rates are equal on both coils your spring rate will be close to half that of each spring. As the coils compress equally the shock travels one inch but each coil only travels one half inch. Using our 300lb spring rate in the previous example if you have two 300lb springs and they each travel 1/2 inch then their combined force would be 150lbs.

You also have the option of more highly sophisticated dual rate configurations that use combinations of differently rated coils and secondary travel stops to give you non-linear spring rates. They can be softer initially and then reach higher levels of firmness than a linear coil of the same length. The variations and applications involved would require too lengthy an explanation to fit on this page but rest assured our experienced sales technicians can guide you through the process of configuring your shocks to provide the ultimate in ride comfort and control regardless of your application or driving

### KING FACTORY REPLACEMENT PARTS

King shocks are made from the finest materials available to provide years of trouble free service. Our shocks have evolved from pure racing designs so they are able to be tuned and serviced with simple hand tools. Any part on a King shock can be rebuilt or replaced with factory fresh pieces. When the time comes, convenient pre-packaged seal and shim kits as well as wear bands, bearings, shafts and shock oil are just a phone call away. All the parts that go into a King shock are identified below.



### **Parts Glossary**

1-Top Cap

2-Top Cap O-Ring

3-Secondary Nuts

4-Secondary Nut O-Ring

5-Shock Cylinder

6-Coil Adjustment Nut

7-Coil Spring

8-Coil Slider

9-Coil Plate

10-Piston Retaining Nut

11-Piston Retaining Washer

12-Valve Shims

13-Piston Wear band

14-Piston

15-Base Washer

16-Top Out Washer

17-Shaft Spacer

18-Shaft Guide / DU Bushing

19-Seal Cap

20-Shaft O-Ring

21-Main Seal

22-Main Seal Retainer

23-Seal Cap O-Ring

24-Shock Cylinder C-Clip

25-Wiper Cap O-Ring

26-Wiper Cap

27-Wiper Seal

28-Set Screw

29-Shock Shaft

30-Rod End

31-Coil Adjustment Pinch Bolt 32-Piggyback Mounting Sleeve

33-Reservoir C-Clip

34-Piggyback Adaptor O-Ring

35-Piggyback Reservoir Oil End Cap

36-Reservoir O-Rings

37-Reservoir Cylinder

38-Reservoir Piston Wear Band

39-Reservoir Piston

40-Remote Reservoir Air End Cap

41-Schrader Valve

42-Piggyback Mounting Plate Bolts

43-Piggyback Mounting Plate

44-Piggyback Reservoir End Cap Bolts

45-Spacer

46-Bearing C-Clips

47-Spherical bearing

48-Piggyback Mounting Sleeve O-Rings

49-Piston O-Ring

50-Main Seal C-Clip

51-Wiper Seal C-Clip

52-Wiper Seal Retainer

53-Wiper Seal

54-Wiper O-Ring

55-Wiper Cap Bolts

56-Remote Reservoir Hose 57-Remote Reservoir Oil End Cap

58-Remote Reservoir End Cap O-Ring

59-Schrader Valve Cap O-Ring

60-Schrader Valve Cap

61-Piston Bleed Screw

62-Seal Cap Bleed Screw

63-Bypass Valve

64-Bypass Spring

65-Bypass Valve Stop

66-Bypass Valve Stop Set Screw

67-Bypass Valve Stop O-Ring

68-Bypass Adjusting Nut O-Ring

69-Bypass Adjusting Nut

70-Bypass Adjusting Screw 71-Bypass Adjusting Jam Nut



Gallon size King, high performance shock fluid. Get the edge on your competition by running high quality, specially formulated, King shock oil. Shock Oil: Part # F10011 Air Shock oil: Part # F10012



### King seal replacement kit.

Rebuild your shocks with genuine factory replacement parts made from the proper materials for peak performance. Multiple kit sizes available



### King performance shim kit.

King valve shims are made from a unique stainless alloy that remains stable at high temperatures and does not crack like plain steel shims do. King shims are crucial to maintain proper, consistent performance from your King shocks. Multiple sizes available



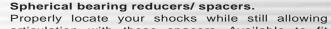
King piston wear bands are made from Teflon impregnated bronze material unlike all others. They give you a higher level of safety and performance. Multiple sizes available



### Schrader valves.

High pressure, high temperature, precision made Schrader valves.

CV2101-(short) CV2102-(long)



articulation with these spacers. Available to fit several bolt sizes and mounting tab widths. Multiple



### Cylinder and shaft clamping soft jaws.

Get a firm grip on shock bodies and shafts when doing service without scratches or dents. Part # 100-001-(3/4"shaft) 100-002-(7/8"shaft) 100-003-(1"shaft) 100-004-(1 1/4"shaft) 100-005-(2.0PR clamp) 101-002-(2.5PR clamp) 101-001-(2.5RS clamp) 101-004-(3.0RS clamp) 101-003-(2.5&3.0RES clamp)



### Coil nut adjusting spanner wrenches.

Beautifully anodized billet spanner wrenches for 2.0 and 2.5 diameter shock preload adjustments. Part # T1002-(2.0) T1002-002-(2.5)



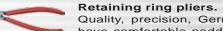
### T-Handle coil nut adjuster wrench.

Make quick work of coil nut adjustments with this textured t-handled adjuster. One size for 3.0 and bigger and another for 2.0 and 2.5 inch shocks. Part # 25308-100-(2.0 & 2.5) 30313-100-(3.0)



### Standard coil nut adjuster wrench. Simple, durable coil nut adjuster wrench for setting

preload and ride height. Part # 25308-002



Quality, precision, German made snap ring pliers have comfortable padded grips. They come in two sizes to handle a range of snap ring diameters. Part # CR2901-(small) CR2902-(large)



### King shock charging manifold

Accurate 0-400 PSI pressure gage, easy to use manifold for precise shock charging. Part # T1001-100



### King assorted decal kit.

Show your pride in running the best shocks available with King decals. Part # D13001

# CARLRENEZEDER MULTI-TIME SHORT COURSE CHAMPION

### JOIN THE KING DEALER NETWORK

King Shocks, the leader in performance damping technology, is currently expanding their dealer network. Join the team that continuously leads the way with innovative designs and the most comprehensive customer support in the industry. King shocks are designed to allow custom tuning to suit your customer's vehicle and driving style. There are over 30 custom options available to provide your customers with endless choices when purchasing their King shocks. Applications are available for UTV's, bolt on OEM upgrades, Sand cars, 4X4's, custom applications and all out racing. As a dealer, you can attend King factory technical training to provide custom tuning and rebuilding to your customers, or concentrate on sales and rely on the existing factory provided services, the choice is yours.

King Shocks are made in the USA using the finest raw materials available under the strictest precision tolerances. Not only are they the best performing shocks, they are also exquisitely finished jewels that will add appeal to any vehicle. King's quality and value will help you gain a diversified, loyal, customer base with the high level of satisfaction that comes from owning the best. Inquire today about all the benefits of becoming an authorized dealer and servicer of King performance shock absorbers.

### THE KING SHOCK WARRANTY

King Shock Technology, (King Shocks), reserves the right to change or modify any of the products and their inherent physical and technical specifications without prior notice. King Shocks and affiliates assume no responsibility or liability for any errors or inaccuracies within. Products may not be exactly as displayed; prices and specs are subject to change without notice. Plating, anodizing and other coatings used are warranted to be free from defects at time of sale only. They may degrade over time depending on environmental conditions beyond the control of King Shocks. King Shocks' products are warranted to be free from manufacturing defects for a period of 90 days from date of purchase. The warranty does not cover; crash damage, abuse, modified and/or use of non- King parts, lack of maintenance or incorrect supplied dimensions and or specifications on custom orders. The user shall determine the suitability of the product for his or her intended use and shall assume all risk and liability in connection therewith.

### **RETURN POLICY**

At King Shocks we have built our business on personal service and a commitment to 100% customer satisfaction.

All customer returns must be authorized by King Shocks. A return authorization number (RA#) will be issued which must be included with the returned parts. The RA# provides a tracking number when inquiring about shocks delivered to King for rebuilding and/or repair. Please retain this number for all inquiries pertaining to returned shocks. In the event that your King Shocks need to be returned for whatever reason there will be a 15% restocking fee. Custom orders and/or scratched or otherwise damaged parts cannot be returned to stock.

When shipping shocks to King wrap the item(s) individually with foam or bubble wrap. Pack the item(s) in a sturdy box filled with popcorn-type or bubble wrap packing material.