RCV CUSTOMER SERVICE

At RCV we understand the value of excellent service, and strive to promptly provide you with expert technical and sales support. Our staff is comprised of off-road enthusiasts fully dedicated to the products we manufacture, the vehicles in which they will be installed, and the conditions in which you will use them.

RCV HAS THE ANGLE ON ULTIMATE PERFORMANCE

Users have found our axles not only provide far better performance and reliability than universal jointed axle shafts - they have found them far easier to service as well. As a set of high performance axle shaft assemblies and spindles can cost the same as a pair of RCV Ultimate CV axles. Yet, since these welded shafts or U-Joints break they will need to be replaced, thereby exceeding the cost of the RCV axles.

So go ahead and give it all you got - big tires, big torque, big steering angles. No binding, or breakage. Only smoothness you can feel. Whether you are a hardcore competitor, or just out wheeling for fun, you can be confident RCV Ultimate CV axles won't let you down.

TESTIMONIALS

KEVIN SAGALAS
Big Stylin Racing
Ultra-Buggies Unlimited Ultra Class

Original Ultra-Champion 1st Place - BITD Vegas to Reno; The Long Way
3rd Place in the Harmony Grand Slam 1st Off-Road Racing
1 year - 5 races - 3 podiums 2700 Race Miles

I am a huge fan of RCV axles and especially like their strength and reliability when at tight steering angles. Our current RCV axles beyond belief and they are holding up with little maintenance - they are a proven value.

TIM CAMERON
Extreme Hill Climber

I used to have bad wheel hop when turning at full lock and giving it full throttle. With RCV it’s smooth as glass. I feel no shake through the steering wheel, and the steering is very smooth.

DMF COLE
Dave Cole Motorsports
Ultra Buggy

Long list of podium finishes in rock crawling
Winner Off-Road Baja Mint World Championship
Co-Founder of Hammerking Productions

I have been running RCV Performance products since 2008, and their parts have never failed. RCV products have won the most grueling desert races in the United States, and helped me win several championships.

KEVIN SACALAS
Big Stylin Racing
Ultra-Buggies Unlimited Ultra Class

Original Ultra-Champion 1st Place - BITD Vegas to Reno; The Long Way
3rd Place in the Harmony Grand Slam 1st Off-Road Racing
1 year - 5 races - 3 podiums 2700 Race Miles

I am a huge fan of RCV axles and especially like their strength and reliability when at tight steering angles. Our current RCV axles beyond belief and they are holding up with little maintenance - they are a proven value.

TIM CAMERON
Extreme Hill Climber

I used to have bad wheel hop when turning at full lock and giving it full throttle. With RCV it’s smooth as glass. I feel no shake through the steering wheel, and the steering is very smooth.

DMF COLE
Dave Cole Motorsports
Ultra Buggy

Long list of podium finishes in rock crawling
Winner Off-Road Baja Mint World Championship
Co-Founder of Hammerking Productions

I have been running RCV Performance products since 2008, and their parts have never failed. RCV products have won the most grueling desert races in the United States, and helped me win several championships.

KEVIN SACALAS
Big Stylin Racing
Ultra-Buggies Unlimited Ultra Class

Original Ultra-Champion 1st Place - BITD Vegas to Reno; The Long Way
3rd Place in the Harmony Grand Slam 1st Off-Road Racing
1 year - 5 races - 3 podiums 2700 Race Miles

I am a huge fan of RCV axles and especially like their strength and reliability when at tight steering angles. Our current RCV axles beyond belief and they are holding up with little maintenance - they are a proven value.

TIM CAMERON
Extreme Hill Climber

I used to have bad wheel hop when turning at full lock and giving it full throttle. With RCV it’s smooth as glass. I feel no shake through the steering wheel, and the steering is very smooth.

DMF COLE
Dave Cole Motorsports
Ultra Buggy

Long list of podium finishes in rock crawling
Winner Off-Road Baja Mint World Championship
Co-Founder of Hammerking Productions

I have been running RCV Performance products since 2008, and their parts have never failed. RCV products have won the most grueling desert races in the United States, and helped me win several championships.
PERFORMANCE PRODUCTS

SEALING TECHNOLOGY with confidence.

for Jeep. Even with big tires, big power, and short gears there are no worries. With RCV you can put the power down there were no existing CV joints that could be used in an axle shaft design to fit Jeep applications, and that would withstand the

While we identified the CV joint as a potential solution for the performance problems Jeep owners were experiencing, we found

RCV ULTIMATE CV AXLES ARE THE ULTIMATE SOLUTION

through the steering wheel, and the resultant smoothness is easy on driveline components.

The constant velocity (CV) joint is designed to overcome the strength

Input and output shafts always make equal angles allowing shaft speeds to

Constant Velocity Joints Overcome the Limitations of U-Joints

RCV identified the Constant Velocity joint as a potential solution for the performance problems Jeep owners are experiencing. The constant velocity (CV) joint is designed to overcome the strength

While the CV joint can allow smooth

Constant velocity joints are used in automotive applications to increase the angular velocity of the inner and outer race while maintaining the same linear velocity. The CV joint is designed to allow smooth power transfer while maintaining high strength and durability. The CV joint is composed of an inner race, an outer race, and a cage that holds the rollers in place. The rollers distribute the load over a larger surface area, resulting in a smoother power transfer. The CV joint is widely used in automotive applications due to its ability to overcome the limitations of U-joints and provide smooth, reliable power transfer.

RCV ULTIMATE CV AXLES FOR JEEP ARE TWICE AS STRONG AS JEEP OE AXLE SHAFTS.

RCV Performance Ultimate CV Axles replace the weak axle shafts on your Jeep, and are the strongest Jeep axle shaft solution available on the market - providing strength that no joints can match.

JF FRONT AXLE TEST AT 46 DEGREES OF STEERING

Test results show RCV Ultra CV Axles for Dana 44 are twice as strong as Jeep JK Rubicon Defender axle shafts. They're just as tough at a straight angle as they are at extreme angles - where U-jointed axles are at their weakest. An RCV axle set for a Jeep Wrangler Unlimited Rubicon (JK) is effectively as strong as a Dana 60, without the extra weight or loss of ground clearance. Test results show RCV Ultimate CV Axles for Dana 44 to be twice as strong as Jeep JK Rubicon OEM axle shafts They're just as tough at a straight angle as they are at extreme angles - where U-jointed axles are at their weakest. An RCV axle set for a Jeep Wrangler Unlimited Rubicon (JK) is effectively as strong as a Dana 60, without the extra weight or loss of ground clearance.

RCV ULTIMATE CV AXLES ARE THE ULTIMATE SOLUTION

Spherical Sealing Technology (SST) utilizes a cast polyurathane cap balloon. This is a patented RCV technology. Housing, bearing cage, inner race, and axle shaft are manufactured with arc-welded high Kevlar alloy. This method provides far greater resistance to punctures and tears than a traditional rubber balloon. The SST utilizes a specially designed, cast polyurethane seal that provides a high degree of resistance to bursting and fracture. The SST is a patented RCV technology and is designed to provide superior sealing performance. The SST is a proprietary seal design that provides superior sealing performance and is designed to withstand the rigors of severe off-road conditions.

Super Duty Chromoly Dome-Mass Cage and Race with Spherical Sealing Technology

Super Duty Chromoly Dome-Mass Cage and Race with Spherical Sealing Technology provides far greater resistance to punctures and tears than a traditional rubber balloon. This is a patented RCV technology. The SST utilizes a cast polyurethane cap balloon. The SST is a patented RCV technology. Housing, bearing cage, inner race, and axle shaft are manufactured with arc-welded high Kevlar alloy. This method provides far greater resistance to punctures and tears than a traditional rubber balloon. The SST utilizes a specially designed, cast polyurethane seal that provides a high degree of resistance to bursting and fracture. The SST is a patented RCV technology and is designed to provide superior sealing performance. The SST is a proprietary seal design that provides superior sealing performance and is designed to withstand the rigors of severe off-road conditions.

We are so confident in the quality and reliability of Ultimate CV Axles that we provide a “No Questions Asked” limited lifetime warranty. Your local dealer may offer an additional warranty. With our product there is no need for activation or manufacturing defect. Call us for more information.

NO QUESTIONS ASKED

LIMITED LIFETIME WARRANTY

Easy Installation

EASY INSTALLATION

RCV Ultimate CV axle sets for Jeep are designed to simply fit in place of your OE axle shafts. Minor clearance modifications are only needed for SJ, TJ, LJ and XJ models. The process is complete with use of an RCV clearance gauge included with the axle set.