

Superior Shooting Systems Inc.

SSSinc.

NOVEMBER 2013

SUPERIOR CHROME SILICON ALLOY

BALANCES TORQUE-INDUCED TWISTING

VIRTUALLY ELIMINATES VIBRATIONS

FASTER LOCK-TIME

LIFETIME PERFORMANCE STANDARD



DUO FIRING PIN SPRING SET

FROM SUPERIOR SHOOTING SYSTEMS INC.

HIGH-PERFORMANCE PRODUCTS engineered by 11-time NRA National High Power Rifle Champion and 6-time National High Power Long Range Rifle Champion, DAVID TUBB

FOR IMMEDIATE RELEASE

Call (806) 323-9488 or visit www.DavidTubb.com

High-resolution images and product text descriptions are available for web and print [CLICK HERE](#)



Your rifle runs on springs. Make it run better.

Perfect Balance

Our CS Firing Pin Springs have been the standard for performance since their introduction. Our new two-piece CS Duo Firing Pin Spring Set represents a radical improvement in striker performance.

The CS Duo Firing Pin Spring Set is composed of two coil springs wound in different directions. One spring is wound clockwise, the other is wound counterclockwise. When arrayed as a set, these springs coordinate to eliminate the radial biasing imparted by a single spring that is coiled in only one direction. In other words, they remove the twisting motion associated with the firing pins fall to impact. When a single coil spring is compressed, it twists, like a screw turning. When it's compressed, it winds in the "opening" direction. This twist is unavoidable. The effect from this twisting, however, is completely offset by providing a set of differently wound springs. Each spring still twists, but each in opposite directions. Because they are wound in different directions, the springs cannot intertwine. Both coil spring ends are flat-ground to ensure perfect consolidation when installed.

Call 806/323-9488 with questions or to order. www.DavidTubb.com

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DUO FIRING PIN SPRING SET

The Effect

Dryfire a bolt-action rifle and watch the bolt handle jump. Everyone has seen and questioned this. Some of this movement is from there being nothing to stop forward striker travel (no primer to hit), but a portion of the forces that induce this movement come from radial bias in the wound coil spring.

Try this same test with our CS Duo springs installed and there will be significantly less perceptible movement in the bolt.

Vibrations introduced from such impacts in the firing system travel outward at 20,000 feet per second, cycling through the end of the muzzle long before the bullet exits. There will always be questions about the influence of these harmonic disturbances, but why not eliminate them?

CS DUO Firing Pin Springs Features

CS Material Superiority

Constructed of superior Chrome Silicon material, our firing pin springs provide factory-spec power longer than any other spring on the market. Rigid 9002 Quality Control Standards in materials and post-production enhancements such as heat-treating, stress-relieving, and shot-peening produce a spring that provides perfectly consistent performance for the life of your rifle.

Through 500,000 compression cycles in our CS springs, a change in spring loading of less than 2% occurs. A conventional music wire spring can change by as much as 7% *the very first time it is compressed!* As a result, after just a little use it will lose over an

inch in its free length, accompanied by a decrease in power. Our CS spring loses only about a half-coil length over its life! Performance never decreases, striking energy stays consistent. CS is unaffected by temperatures that soar far beyond those ever encountered in a firearm. It's the same material Indy car valve springs are made from.



No firing pin interference, less resistance

Conventional “extra power” springs must use larger diameter wire. This reduces clearance between the firing pin and inside bolt walls — friction is created, lock time is slowed. Our superior CS material means smaller diameter wire, more room inside the bolt body, less chance of binding. Additionally, since there is less torsional resistance encountered when twisting a coil spring “closed” (making it coil smaller), if they are correctly arrayed on the striker, there is a slight reduction in bolt lift effort using our CS Duo Firing Pin Spring Set.

Other Products

Complete Remington® 700 striker assemblies featuring duo springs and a lightweight SpeedLock™ firing pin are also available, as well as a re-engineered Cocking Piece Set for Winchester Mod. 70.

New products are always in the works! Please visit us at www.DavidTubb.com for product purchase and warranty information. Other innovative products developed by David Tubb and Superior Shooting Systems Inc. include the revolutionary DTR reticle and FinalFinish™ barrel treatment system.

CS DUO FIRING PIN SPRING SET —
RETAIL, REM. OR WIN. (SHORT OR LONG) \$19.95

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