Strange Engineering

Rev. 1-11

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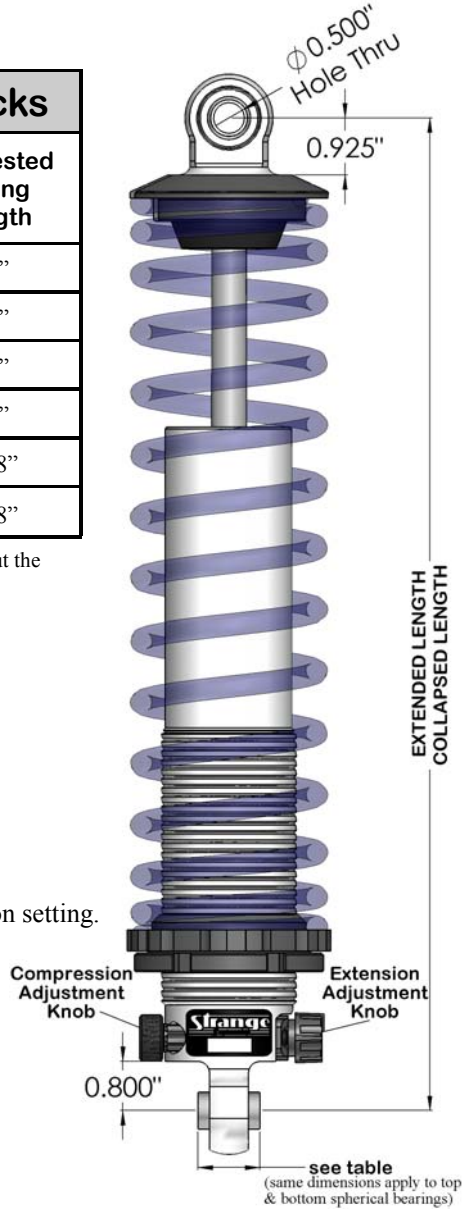
Strange Engineering Superior Suspension

Strange Engineering has been a leader in driveline and suspension components for nearly 40 years. Strange lightweight aluminum coil-over shocks are designed to reduce weight, optimize suspension performance and allow for easy tuning for changing track conditions. We strongly recommend that shock installation is performed by or with the consultation of a qualified and experienced chassis builder.

Strange Double Adjustable Aluminum Coil-Over Shocks

Part Number	Extended Length	Collapsed Length w/out Bumper	Recommended Ride Height	*Stroke	Suggested Spring Length
S5007	19.15”	12.64”	15.25”-16.00”	6.52”	14”
S5006	17.15”	11.64”	13.875”-14.50”	5.52”	12”
S5005	15.40”	10.76”	12.625”-13.250”	4.64”	12”
S5004	13.84”	10.00”	11.750”-12.125”	3.86”	10”
S5003	12.84”	9.50”	11.00”-11.375”	3.36”	7”-8”
S5002	11.36”	8.74”	10.00”-10.375”	2.62”	7”-8”

***Note:** Stroke is stated without the bump rubber to compare with other brands. Most manufacturers list stroke without the bump rubber; however, the shock should never be used without the bump rubber. Deduct .563” from the listed stroke.



Compression (bump) Adjustment:

- Nine compression settings.
- Strange shocks are assembled, inspected and remain at softest setting.
- Adjust the knob gently by hand and never force the knob beyond the eight settings.
- Turning knob **clockwise** will increase (stiffen) compression forces.
- Turning knob **counter-clockwise** will decrease (soften) compression forces.
- The compression knob “clicks” every 1/8th of a turn for fine adjustments.

Extension (rebound) Adjustment:

- Ten extension settings.
- Performance is maximized by correlating each extension adjustment to an internal compression setting.
- Adjust the knob gently by hand and never force the knob beyond the ten settings.
- Turning knob **clockwise** will increase (stiffen) extension forces.
- Turning knob **counter-clockwise** will decrease (soften) extension forces.
- Strange shocks are assembled, inspected and remain at softest setting.

Important Notes:

- Spring seat bearings are recommended to ease spring adjustment.
- Never cut or remove bump rubber– shock failure and breakage will occur.
- Apply an anti-seize lubricant to the spring seat jam nut threads (or shock body threads).
- Jack up the car when adjusting ride height (i.e. turning spring seat).
- After installation make sure the shock is moving smoothly and freely up and down and is NOT binding at any point during its travel.
- Do not open shock assembly, each shock is assembled and calibrated by Strange designed fixtures and gauges.
- Strange shocks are rebuildable and may be revalved to a different “range” of adjustments– this should only be done by Strange Engineering.

Spherical Bearings	
Strange Part #	**Width**
S5000KU (optional)	0.50”
S5000KT (standard, teflon)	1.00”
S5000KAS (optional)	1.50”

Warranty/Disclaimer:

Shocks are warranted free from defects in material and workmanship. Liability is limited to repair or replacement. This warrany shall not apply to any product which has been repaired or altered in anyways so as in our judgement affects its performance; nor which has been subject to misuse, abuse, negligence or any other occurrence beyond the control of Strange Engineering. Strange shocks are designed for competition purposes. Accordingly, use of said product, or modification to or construction of a vehicle for those purposes may create dangerous condition which could cause bodily injury, and the buyer hereby assumes all risks associated with any such modifications.

Optional Remote Kit-

adds remote adjustability to shocks.
The user can set the shocks stiffer at launch and remotely trigger the shocks to become softer thru the 1/4 mile
-Call for more information.

Related Components- “Remote” Air Control Kit ● Hypercoil Springs ● Spring Seat Bearings ● Spring Seat Wrench
OTHER Components– Axles ● Brakes ● Gears ● Posi-units ● Struts & More