

Hyperco High-Performance Chassis Springs and Spring Accessories



All Chassis Springs are sold as matched pairs.

Chassis springs are one of the most critical components affecting the handling of a race car. Poor quality springs with inconsistent spring rates and lengths that continually change over time can prevent the most talented driver and crew from getting a car dialed in. Hyperco springs are manufactured using aerospace-quality 9254 Silicon steel. They have a proven track record going back three decades and are used by nearly all of the teams at the upper echelons of motor racing including CART, IMSA, and Formula 1.

Springs are just as important on lighter weight cars since the internal design stresses are virtually the same in a spring designed for Formula Ford as in one designed for an Indy car. With Hyperco springs, you can be assured that your results will be repeatable. Don't waste your racing budget on a spring that won't hold its rate through half a season. Spend a few dollars more and get a pair of Hyperco springs that will perform season after season.

We carry 2", 2 1/4", 2 1/2", 36mm, and 60mm inside diameter springs. They are finished with a tough blue epoxy powder coat that offers unmatched durability.

Hyperco Chassis Springs – 2 inch I.D.			
I.D. x Length (inches)	Spring Rates Available (pounds per inch)	Part No. (specify rate)	Price (pair)
2 x 4	700 to 1300 (50 lb. increments) 1500 to 2000 (100 lb. increments)	184-4-rate	\$214.99 per pair
2 x 5	250 to 1550 (50 lb. increments) 1600 to 2300 (100 lb. increments)	184-5-rate	\$214.99 per pair
2 x 6	400 to 900 (50 lb. increments) plus 1000, 1400, 1500, 1800, 1900, and 2000	184-6-rate	\$214.99 per pair

Hyperco Chassis Springs – 36mm I.D.				
I.D.	Length (inches)	Spring Rates Available (pounds per inch)	Part No. (specify rate)	Price (pair)
36mm	4"	800 to 2000 (100 lb. increments)	183-4-rate	\$182.99 per pair
36mm	5"	500 to 2000 (100 lb. increments)	183-5-rate	\$182.99 per pair

Hyperco Chassis Springs – 60mm I.D.				
I.D.	Length (inches)	Spring Rates Available (pounds per inch)	Part No. (specify rate)	Price (pair)
60mm	6"	500 to 1100 (100 lb. increments)	187-6-rate	\$154.99 per pair
60mm	7"	500 to 1100 (100 lb. increments)	187-7-rate	\$154.99 per pair
60mm	8"	800 to 1000 (100 lb. increments)	187-8-rate	\$154.99 per pair

Hyperco Chassis Springs – 2 1/4 inch I.D.			
I.D. x Length (inches)	Spring Rates Available (pounds per inch)	Part No. (specify rate)	Price (pair)
2 1/4 x 4	400 to 1500 (50 lb. increments) 1600 to 2000 (100 lb. increments)	185-4-rate	\$169.99 per pair
2 1/4 x 5	300 to 1600 (50 lb. increments) 1700 to 2200 (100 lb. increments)	185-5-rate	\$169.99 per pair
2 1/4 x 6	200 to 1000 (50 lb. increments) 1100 to 2000 (100 lb. increments)	185-6-rate	\$169.99 per pair
2 1/4 x 7	250 to 900 (50 lb. increments) 1000 to 1400 (100 lb. increments)	185-7-rate	\$169.99 per pair
2 1/4 x 8	200 to 275 (25 lb. increments) 300 to 700 (50 lb. increments) 800 to 1000 (100 lb. increments), plus 1200	185-8-rate	\$169.99 per pair
2 1/4 x 9	175 to 600 (25 lb. increments)	185-9-rate	\$169.99 per pair

Hyperco Chassis Springs – 2 1/2 inch I.D.			
I.D. x Length (inches)	Spring Rates Available (pounds per inch)	Part No. (specify rate)	Price (pair)
2 1/2 x 6	600, 850, 900 to 1100 (100 lb. increments)	186-6-rate	\$147.99 per pair
2 1/2 x 7	350 to 900 (50 lb. increments)	186-7-rate	\$147.99 per pair
2 1/2 x 8	200 to 500 (25 lb. increments) 550 to 1000 (50 lb. increments), plus 1100	186-8-rate	\$147.99 per pair
2 1/2 x 10	95, 110 125 to 575 (25 lb. increments) 600 to 900 (50 lb. increments)	186-10-rate	\$147.99 per pair
2 1/2 x 12	85, 95, 110 125 to 600 (25 lb. increments) 600 to 900 (50 lb. increments)	186-12-rate	\$147.99 per pair

Digital Spring Rate Tester



Digital Spring Rate Tester Take the guess work out of choosing springs. With this heavy-duty test stand from Intercomp, you can measure exact spring rates, keep track of every set season after season, and spot any that have "given up." Simply place the spring on the test bed, adjust the upper perch height, and operate the hydraulic ram. A linear travel indicator and a digital scale are used to measure compression and compression force. This allows for very fast set-up and easy testing. Tests springs up to 6" diameter by 18" long (very short springs under 6" long may require fabrication of a spacer). The capacity is 5000 pounds, displayed in 1 pound increments.

Intercomp Digital Spring Rate Tester Part No. 3778 \$995.00

Hydraulic Load Centering Spring Perches

These precision devices allow the spring end coils to tilt as much as 4° when the spring is compressed, reducing the bending loads on your shocks by up to 96%. This reduction in side force and friction allows more force and energy to be directed to the car's mechanical grip. It also reduces wear on your shocks. Hydraulic perches have proven themselves on the track with rave reviews and reduced lap times. Installing a hydraulic perch at one end of the spring will reduce shock bending loads significantly. However, for greatest effect, both ends of the spring should be equipped with hydraulic perches.



2" Universal Add-On Style (fits top or bottom) Part No. 1870-2.00 \$194.99

2 1/4" Universal Add-On Style (fits top or bottom) Part No. 1870-2.25 \$194.99

2 1/2" Universal Add-On Style (fits top or bottom) Part No. 1870-2.50 \$194.99

"Universal" style gets installed between the spring and your stock spring perch. They can be used at either the shaft end or the body end. This style works with virtually any coil-over shock. Each perch adds approximately 3/4" to the overall length of the spring.

Zero-Rate Helper Springs and Spring Dividers

Below: Top and Bottom Views of 2 1/4" Divider
Part No. 1877-2.25 (sold individually)



Left:
Zero Rate Spring
Part No. 1876-4

Right:
Spring Divider
for 2 1/2" Springs
Part No. 1877-2.50

Zero-Rate (or "Tender") Springs are used on suspensions which can travel farther than the chassis spring. When the suspension droops, these springs expand to take up the slack between the chassis spring and the spring perch. This keeps the chassis spring centered on the perch and prevents the ride height from suddenly changing. These short coils have very low spring rates (virtually zero pounds per inch) and will not affect the rate of your chassis springs. They are coil bound (solid) when the suspension is at normal ride height. You must use a Spring Divider (sold separately) between the chassis spring and the tender spring. Sold individually.

2 1/4" Diameter x 4" Long Zero-Rate Spring, each Part No. 1875-4 \$28.99

2 1/2" Diameter x 4" Long Zero-Rate Spring, each Part No. 1876-4 \$32.99

60mm Diameter x 4" Long Zero-Rate Spring, each Part No. 1878-4 \$32.99

We recommend installing the Zero-Rate Spring above your chassis spring. The weight of a chassis spring is enough to keep these very soft springs from extending.

A Spring Divider is required between your chassis spring and the tender spring. Spring Dividers help to keep the two springs centered on the shock. Sold individually.

2 1/4" Spring Divider, Short Aluminum Design, each Part No. 1877-2.25 \$42.99

2 1/2" Spring Divider, Long Non-metallic Design, each Part No. 1877-2.50 \$48.99

60mm Spring Divider, Short Aluminum Design, each Part No. 1877-60mm \$42.99

Fixed Spring Platform Wrench



This tool was originally designed for platforms commonly used with 2 1/2 inch I.D. springs. However, a little modification with a bench grinder will allow it to work with most 2 1/4 inch I.D. spring platforms.

Spring Platform Wrench Part No. 3134 \$13.99

3/8" Drive Spring Platform Wrench



Put away the hammer and screwdriver. This compact tool can get into the most cramped chassis. It will even fit inside footboxes of cars with pullrod suspension. Use a 3/8" drive ratchet with an extension to reach almost anywhere.

3/8" Drive Spring Wrench Part No. 3140 \$14.29

Adjustable Spring Platform Wrench



This adjustable tool fits all spring platform nuts up to 3 1/4 inch diameter as used on many coil-over racing shocks. The cast steel design is a comfortable fit to your hand. It sure beats the hammer and screwdriver method.

Adjustable Spring Wrench Part No. 3106 \$37.99

SUSPENSION