

2013



HYPERCO
PRECISION SUSPENSION COMPONENTS

CHECK OUT
OUR NEW
PRODUCTS
INSIDE...

PRECISION
ENGINEERED.
TRACK TESTED.
RACE PROVEN.



HYPERCO

CONTACT US...



Web
www.hypercoils.com



Email
info@hypercoils.com



Phone
574.753.6622



Toll-Free
800.365.2645



Fax
574.753.8161



Custom Springs
574.753.6622
CustomSprings@hypercoils.com



Mail
131 Godfrey St.
Logansport, IN 46947



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The Hyperco Performance Advantage...

A history of unrivaled racing success that is built into every product for every application!

All of us at Hyperco are just like you – we are in motor racing to **WIN!** And just like you we are always looking for ways to improve performance. In your hands is our new 2013 catalog containing valuable information on our complete product line and our **NEWEST** products and performance enhancements.

NEW!

New 16" Free Length Ultra High Travel (UHT) coil overs!

The results are in and Hyperco UHT coil overs are a winner. Designed specifically for applications where packaging allows for a larger OD that provides maximum travel, rate consistency and durability. Hyperco now offers 12", 14", 15" and 16" free lengths in select rates that meet the demands of light rate / high travel applications – **and maintain their free length/installed height to ensure consistent and optimum performance.**

NEW!

New spring rates added to the range of "Dynamic Travel and Response" Conventional Springs! Hyperco continues to raise the bar with the enhanced performance of our Conventional Springs. Hyperco's unique "Dynamic Travel Response" design technology has enabled Hyperco to significantly reduce the physical weight while maintaining Hyperco's legendary durability and consistency. And once again... the results are in and Hyperco's Dynamic Travel Response enhancement is a winner at every level (Dirt and Pavement).

NEW!

New spring rates/free lengths in the 36MM, 1.875", 2", 60 mm and 2.5" ID categories! These new designs will provide additional tuning options and enable you to further enhance and optimize your suspension system.

Hyperco continues to evolve our unique line of **Hydraulic (load centering) Spring Perches**. Advancements in design and assembly have lead to increased performance and service life. Teams of all types are benefiting from a reduction in friction in the shock/spring assembly and the increase in mechanical grip (Oval and Road Racing – Dirt & Pavement).

Hyperco Composite Spring Technology continues to expand. From our traditional line of Light-Weight/High-Performance Composite Leaf Springs to our Patent Pending line of Carbon Composite Bellows Springs – our products are proving to be game changers in everything from Formula One and Sports Cars to Drag Racing and Dirt Late Models. Hyperco composite springs provide a significant performance advantage over steel and other traditional materials. **Hyperco composite suspension products... Lighter, Stronger and Faster!**

Hyperco innovation-combined with our extensive product line and legendary customer service-results in a **Winning Performance Advantage!**

Join all of us at Hyperco... **where the most important race is the one you're in.**

Sincerely,
Kelly Falls
Kelly Falls
General Manager

P.S. Additional information is available by visiting our website at
www.hypercoils.com



HIGH PERFORMANCE CONVENTIONAL SPRINGS FOR ALL APPLICATIONS... LESS WEIGHT – MORE PERFORMANCE!



Hyperco's never ending pursuit of Performance has lead to yet another breakthrough in Conventional Motorsports Spring Design — the "Dynamic Travel Response" enhancement!

Hyperco Engineers analyzed the Dynamic Characteristics essential in Conventional Spring performance and utilized this data to develop the Dynamic Travel Response design concept. Unlike coil over springs that are available in a multitude of free lengths, Conventional Springs are limited in their free length offerings (often as a result of sanctioning bodies / rules). Hyperco's Dynamic design concept ensures all springs exceed the Dynamic performance requirements for travel and rate linearity placed on them in the race car.

The Dynamic Travel Response enhancement does this in a manner that significantly reduces physical weight. Spring travel and total load requirements are part of the Dynamic Travel design criteria, thus enabling Hyperco to reduce weight and improve performance without compromising consistency and durability.



Fewer Coils, Less Weight and More Performance than the Competition!

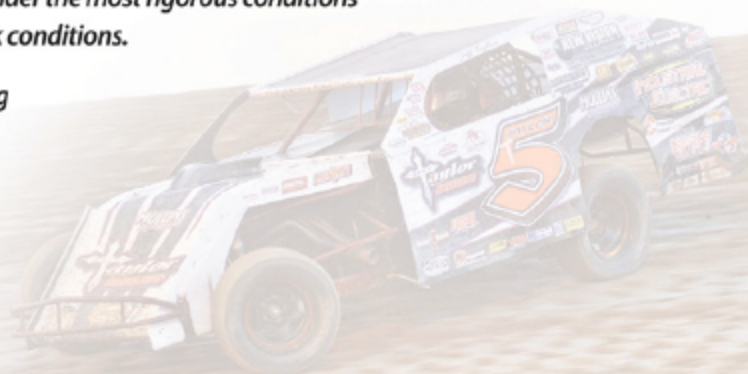


CONVENTIONAL REAR COIL SPRINGS... MORE CHOICES. MAXIMUM TRAVEL. MAXIMUM PERFORMANCE!

Hyperco has once again expanded its range of high-performance conventional rear springs for all applications... Late Models, Modifieds, Street Stocks (Dirt and Pavement). Hyperco conventional rear springs are developed and tested under the most rigorous conditions and are optimized for all setup and track conditions.

5" OD x 11", 13", 15", 16" and 20" – along with single and double pigtail designs are now available. All designed and manufactured for the lightest weight, maximum travel and linear rate.

See page 16 for a complete list of available rates/lengths.





THE RESULTS ARE IN... OPTIMUM BODY DIAMETER (OBD) HYPERCOILS

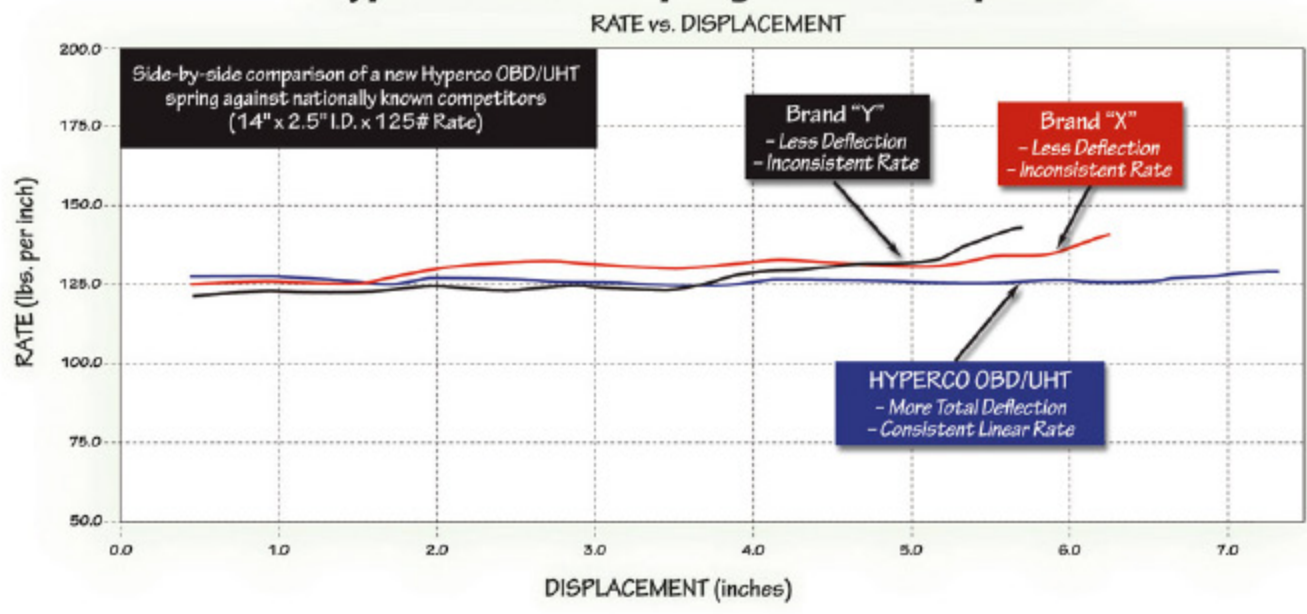
Optimum Body Diameter (OBD) Hypercoils feature a unique design concept that adjusts the body diameter of the spring relative to the end coils. The OBD design enables Hyperco to take full advantage of its ultra high tensile material by optimizing the applied stress through adjusting the springs body diameter.

The results are in and they are simply incredible...

- ✓ More Deflection
- ✓ Less Weight
- ✓ Increased Rate Linearity
- ✓ More Resistance to Bowing
- ✓ Fits All Standard Hardware
- ✓ Maintains Free Length/
Installed Height



Hyperco OBD/UHT Springs vs. The Competition



For more information on Hyperco OBD race springs, click on "The Results Are In" icon on the Hyperco home page at www.hypercoils.com and then select the "view video" icon.

PARAMETER (OBD) & ULTRA-HIGH TRAVEL ARE A WINNER!

NEW TECHNOLOGY OPTIMUM BODY DIAMETER ULTRA HIGH TRAVEL (UHT) HYPERCOILS

NEW!

Ultra High Travel (UHT) Hypercoils are designed specifically for light rate/high travel coil over applications (dirt & pavement). UHT designs meet the requirements of soft spring/big bar set ups and remain consistent in free length and installed height. The new UHT design features a larger "body bulge" over standard OBD designs allowing for additional deflection, rate linearity and resistance to bowing (available in select rates in 12", 14", 15" and 16" free lengths x 2.5" ID).

Hyperco's addition of the UHT lines enables you to choose the best design for your application and packaging requirements!

**PRECISION ENGINEERED.
TRACK TESTED.
RACE PROVEN.**



MORE GRIP. LESS FRICTION. HYDRAULIC SPRING PERCHES

What Every Serious Racer Needs to Know ...

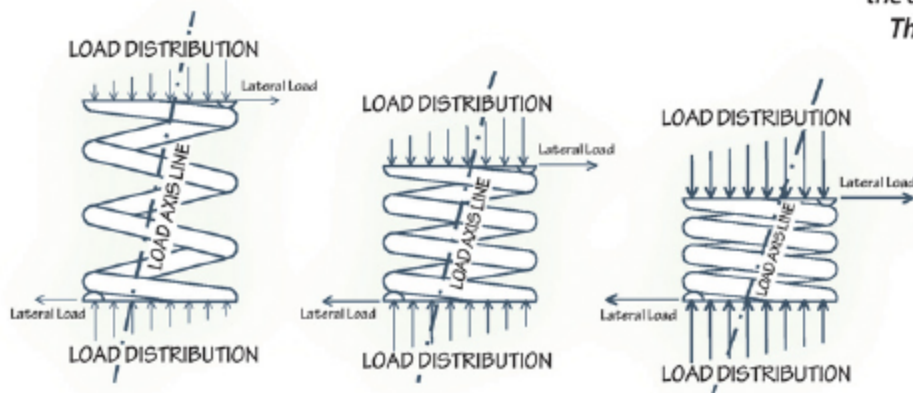
Hyperco/ICP has made an astounding breakthrough in tire grip enhancement with our Hydraulic Centering Perch. This unique patented device significantly reduces the side loads produced by suspension springs that load the shock body. These bending loads increase friction and wear in your coil-over dampers. Friction in racing suspensions reduces the performance of your race car by decreasing the grip available at the tire contact patch.

The forces in a compressed spring are NOT centered on the spring central axis. Instead, coil over spring designs lead to non-uniform load distributions around the face of the end coil. Typically, the center of that load is located near the tip of the spring. This offset center of pressure, imposes a bending moment on the damper. This moment becomes a lateral force between the damper piston and body, increasing friction within



the damper.

The more the spring is compressed, the higher the side load typically becomes. These side loads are significant and their effect on suspension behavior has been widely measured and documented.



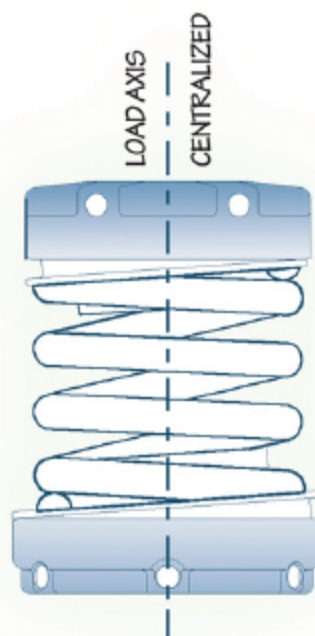
For the spring to center its forces, its endcoils must be allowed to flex as they apply load. It is ONLY through this flexing that the load can be evenly distributed about the face of the end coil.

The Hyperco/ICP Hydraulic Perch consists of an annular piston mated to an annular cylinder, sealed by O-rings, and filled with hydraulic fluid. As a load is applied to the spring, the perch tilts in response to the uneven load distribution, until the load on the coil face has been balanced. The load on the tilted piston is transferred to oil in the cavity, and is automatically transferred to damper as near the centerline as possible.

Hyperco/ICP Hydraulic Perches are currently in use in all of the world's major racing categories including F1, World Rally, IRL, F3, Formula Ford, Formula V, Dirt Late Model, Modifieds, Silver Crown, GP Motorcycle, Motocross, even snowmobiles.

Hyperco/ICP Hydraulic Perches are currently manufactured to fit directly onto most of the world's major dampers as replacements for the OEM spring support. We also manufacture a complete line of "Add-On" perches that sit on the OEM spring support.

For maximum side load reduction, Hyperco/ICP Hydraulic Perches should be used on both ends of the spring as the same condition exists at both ends. The use of a single Perch will reduce transmitted side load on the order of 50-65%, while their use at both ends results in reductions of 94-98%. If a single perch is to be used, testing has shown it to be most effective at the shaft end.



Load equalized about endcoil face as it tilts (flexes) to accept load

Please note: When using springs with a free length of 10" or more, we recommend using a single perch.

LIGHTER. STRONGER. FASTER. COMPOSITE TECH!

Composite Leaf Springs

Hyperco Composite Leaf Springs are significantly lighter than steel (70% on average), retain their design arch (no sagging/chassis inconsistency) and provide more side bite off the corners.

Hyperco Composite Leaf Springs provide a cost-effective, high-performance alternative to steel, allowing teams running leaf spring suspension to be consistent race after race without having to measure, monitor and change their spring for loss of arch and sagging.

Available in all popular Chrysler and GM rates for Late Model, Street Stock, Modified and Drag Racing applications.

Also available... Corvette C-3, C-4, C-5 and C-6 Composite



CARBON-COMPOSITE BELLOWS SPRING SYSTEM

The Game Changer!

- ✓ Race-Tested Winning Technology – Replaces Traditional Springs
- ✓ Substantially Less Weight
- ✓ Absolute Minimum Sideforce
- ✓ Tunable/Configurable (Rate & Deflection)
- ✓ High-Performance Alternative to Titanium

Contact Hyperco directly regarding composite products.

3-piece end assembly is serviceable

Rubber and steel bushings are replaceable

Rolled flared lead ensures improved durability

Composite material eliminates "sagging" that occurs in steel springs

Spring is configured to "optimize" severe stress point

Locating pin is permanently bonded to the spring

Composite material is resistant to moisture, temperature and the environment

HYPERCO... A PART OF WINNING!

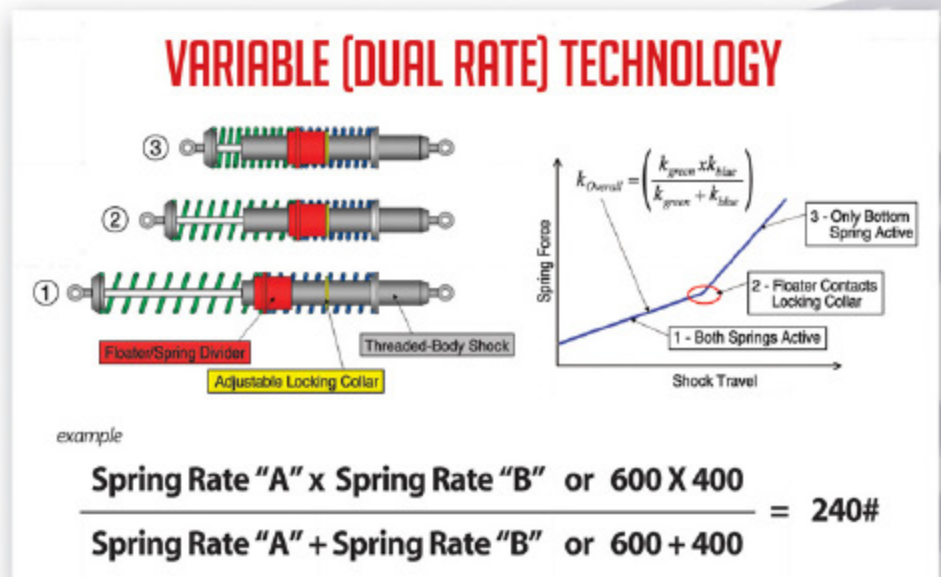
Dual Rate / Stacked Spring System. The Hyperco Advantage... It's Tunable!

This secret is definitely out!
The Stacked Spring / Dual Rate
system provides a winning
advantage!

Championship winning teams in both
Dirt and Pavement are benefiting
from the tunability of the Stacked
Spring/Dual Rate system. The stack
spring system enables the suspension
to be soft-light in the early travel and
tuned with precision to transfer to a
stiffer secondary rate for optimum
performance.

Adjusting the locking collar on the threaded shock body enables the car to be tuned
for loose or tight conditions (and can ensure the suspension does not travel to absolute solid).
It lets you control the transition from a relatively soft combined / dual spring rate for
desired weight transfer and wheel movement while also enabling you to tune
the suspension to a higher secondary rate that provides for maximum
compliance and wheel / tire loading.

The Stacked Spring / Dual Rate system is not limited to oval track racing.
It is being utilized in a wide variety of high performance coil over
applications – from Drag Racing and
Road Racing to Off Road
and Snowmobiles.
Any and all coil over
applications can
benefit the tunable
Dual Rate system.



TECHNICAL INFORMATION

COIL SPRINGS

Solid Height = number of coils – 0.25 wire diameter

Example: For a spring with 14 coils and a wire diameter of 0.5"
the Solid Height is calculated as follows:
 $(14 - 0.25) \times 0.5 = 6.875$ Solid Height

Rate = Load (lbs.) ÷ by Spring Deflection (in.)

Example: If a spring deflects by 2.75" under a load of 300 lbs.,
the Rate would be calculated as follows:
 $300 \div 2.75 = 109\#$ Rate

Deflection = Load (lbs.) ÷ Rate

Example: A spring under a load of 300 lbs., with a 109 # rate,
the Deflection would be calculated as follows:
 $300 \div 109 = 2.75"$ Deflection

Load = Deflection x Rate

Example: A spring with a 109# rate and a 2.75" deflection,
the Load would be calculated as follows:
 $2.75 \times 109 = 300$ lb. Load

Stacked Springs / Combined Spring Rate

(Spring Rate "A" x Spring Rate "B") ÷ (Spring Rate "A" + Spring Rate "B")

This is used when two springs are stacked on top of each other.
Example: If the rate for a spring "A" is 200# and the rate for spring
"B" is 500#, the combined rate is calculated as follows:
 $(200 \times 500) \div (200 + 500) = 143\#$ combined rate

PORTABLE SPRING RATE CHECKERS

Portable rate checkers are adequate for general testing and for comparing springs of 1000# rate or less. When using portable checking equipment, follow these tips to help you achieve more favorable results.

- Use calibration springs and keep them for reference
- Use a strong, sturdy frame for your equipment
 - one that will not bow or flex
- Make certain the top and bottom plates are parallel
- Inspect for hydraulic leaks on a regular basis
- Use a consistent set of operating procedures:
 1. Orient the springs the same way each time
 2. Compress the springs to the pre load and do not "bleed" back to it

For more technical information, visit us on-line at

www.hypercoils.com

IT'S NOT JUST A LIST.
IT'S A LEGACY OF
WINNING...

- ALMS
- NASCAR SPRINT CUP
- FORMULA ONE
- INDIANAPOLIS 500
- INDY CAR SERIES
- USAC MIDGETS
- DAYTONA 500
- SCCA PRO RACING
- USMTS MODIFIED
- USAC SPRINT
- JAPAN GTCS
- SCORE OFF-ROAD
- GRAND-AM PROTOTYPES
- NASCAR NATIONWIDE SERIES
- EAST COAST DIRT MODIFIED
- DAYTONA 24 HOURS
- SEBRING 12 HOURS
- LUCAS SERIES
- CAMPING WORLD TRUCK SERIES
- LEGEND CAR SERIES
- STEEDA MUSTANGS
- NHRA PRO STOCK
- WORLD OF OUTLAWS
- SHOW ME "100"
- BRICKYARD 400
- LE MANS 24 HOURS
- MONACO GRAND PRIX
- AMA ROAD RACING MOTORBIKES
- AMRA
- FIA RALLY
- WORLD 100
- ELDORA "DREAM"
- IMCA MODIFIED
- USAC SILVER CROWN
- MAZDA PRO SERIES

PRECISION SUSPENSION COILS | MORE MAJOR WINS. MORE MAJOR CHAMPIONSHIPS.

From Formula Ford to F1, late model to Sprint Cup — Hyperco provides a Performance Advantage. That's why Hyperco Suspension Coils are the recognized leader among top championship racing teams... worldwide. Join the winner's circle and be sure to insist on Genuine Hypercoils!

HYDRAULIC LOAD CENTERING SPRING PERCH HARDWARE

ADD ON/SLIDE ON PERCH		THREAD ON (O.E. REPLACING) SHOCK BODY PERCH		THREAD ON (O.E. REPLACING) TOP PERCH	
Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
HHPERCH-2.00	180.00/ea.	AST5200BOD-2.25 NEW!	192.00/ea.	HHTOPPENSKE-2.00	192.00/ea.
HHPERCH-2.25L	180.00/ea.			HHTOPPENSKE-2.25	192.00/ea.
HHPERCH-2.50	180.00/ea.	HHBODPENSKE-2.25	192.00/ea.	HHTOPOHLINS-2.00	192.00/ea.
		HHBODOHLINS-2.25	192.00/ea.	HHTOPOHLINS-2.25	192.00/ea.
		HHBODOHLINS-2.00 (TT40/TTX)	192.00/ea.		
		HHBODPENSKE8175-2.25	192.00/ea.	HCD-PERCH COVERS	22.00/ea.
		HHBODPENSKE8175-2.50	192.00/ea.		
		HHBODOHLINS(LMJ)-2.50	192.00/ea.		

SPRING PERCH MAINTENANCE KITS

Perch Part #	Kit Part #	Racer \$
HHPERCH-2.50	HH-2.50-MTKT (Services HHPERCH-2.50) <i>* This unit requires Gap Setting Ring-.126 (not included/sold separately)</i>	11.50
HHPERCH-2.25L	HH-2.25L-MTKT (Services HHPERCH-2.25L) <i>* This unit requires Gap Setting Ring-.113 (not included/sold separately)</i>	11.50
HHPERCH-2.00	HH-2.00-MTKT (Services HHPERCH-2.00) <i>* This unit requires Gap Setting Ring-.109 (not included/sold separately)</i>	11.50
HHTOPPENSKE-2.25 & 2.00	HH-TOP-MTKT (Services HHTOPPENSKE-2.25 & 2.00)	11.50
HHTOPOHLINS-2.25 & 2.00	HH-TOP-MTKT (Services HHTOPOHLINS-2.25 & 2.00) <i>* This unit requires Gap Setting Ring-.101 (not included/sold separately)</i>	11.50
HHBODPENSKE-2.25	HH-BOD-MTKT (Services HHBODPENSKE-2.25)	13.00
HHBODOHLINS-2.25	HH-BOD-MTKT (Services HHBODOHLINS-2.25)	13.00
HHBODOHLINS-2.00 (TT40/TTX)	HHBODTT40.MTKT (Services HHBODOHLINS-2.00 (TT40/TTX))	13.00
HHBODPENSKE8175-2.25	HH-BOD-MTKT (Services HHBODPENSKE8175-2.25)	13.00
HHBODPENSKE8175-2.50	HH-BOD-MTKT (Services HHBODPENSKE8175-2.50)	13.00
HHBODOHLINS(LMJ)-2.50	HH-BOD-MTKT (Services HHBODOHLINS(LMJ)-2.50) <i>* This unit requires Gap Setting Ring-.113 (not included/sold separately)</i>	13.00
HHPERCH-1.875	HH-1.875-MTKT (Services HHPERCH-1.875) <i>* This unit requires Gap Setting Ring-.096 (not included/sold separately)</i>	11.50
ASSEMBLY GREASE		11.50
<i>* Note: Only one container of assembly grease is necessary when you purchase multiple maintenance kits. Therefore, we are selling it as a separate item. It is necessary to use the assembly grease when rebuilding a unit, however, one container is enough to rebuild several kits.</i>		
GAP SETTING RINGS (All sizes)		45.00

IMPORTANT NOTICE: There are other blue springs on the market, but HYPERCOILS are the only springs that are consistently in the winner's circle of major races. Be sure to insist on Genuine HYPERCOILS.

2.5" I.D. & 2.5" I.D. Ultra High Travel **NEW!**

Free Length / 2.5" I.D. / Rate

Part # 8 B 0400

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
4B0350	81.00	8B0175 NEW!	81.00	10B0725	81.00	14B0275	81.00
4B0400	81.00	8B0200	81.00	10B0750	81.00	14B0300	81.00
4B0450	81.00	8B0225	81.00	10B0800	81.00	14B0325	81.00
4B0500	81.00	8B0250	81.00	10B0850	81.00	14B0350	81.00
4B0600	81.00	8B0275	81.00	10B0900	81.00	14B0375	81.00
4B0700 NEW!	81.00	8B0300	81.00			14B0400	81.00
		8B0325	81.00	12B085	81.00	14B0450	115.00
6B0300 NEW!	81.00	8B0350	81.00	12B095	81.00	14B0500	115.00
6B0350 NEW!	81.00	8B0375	81.00	12B0110	81.00	14B0600	115.00
6B0400 NEW!	81.00	8B0400	81.00	12B0125	81.00	14B0650	115.00
6B0450 NEW!	81.00	8B0425	81.00	12B0150	81.00		
6B0500 NEW!	81.00	8B0450	81.00	12B0162	81.00	ULTRA HIGH TRAVEL (UHT) 14" & 15"	
6B0550 NEW!	81.00	8B0475	81.00	12B0175	81.00	14B0125UHT NEW!	95.00
6B0600	81.00	8B0500	81.00	12B0185	81.00	14B0140UHT NEW!	95.00
6B0650 NEW!	81.00	8B0525	81.00	12B0200	81.00	14B0150UHT NEW!	95.00
6B0700	81.00	8B0550	81.00	12B0225	81.00	14B0165UHT NEW!	95.00
6B0750 NEW!	81.00	8B0575	81.00	12B0250	81.00	14B0175UHT NEW!	95.00
6B0800	81.00	8B0600	81.00	12B0275	81.00	14B0185UHT NEW!	95.00
6B0850	81.00	8B0650	81.00	12B0300	81.00	14B0200UHT NEW!	95.00
6B0900	81.00	8B0700	81.00	12B0325	81.00	14B0225UHT NEW!	95.00
6B1000	81.00	8B0750	81.00	12B0350	81.00	14B0250UHT NEW!	95.00
6B1100	81.00	8B0800	81.00	12B0375	81.00		
6B1200	81.00	8B0850	81.00	12B0400	81.00	15B0110UHT NEW!	95.00
6B1300	81.00	8B0900	81.00	12B0425	81.00		
		8B0950	81.00	12B0450	81.00	16B0100	130.00
7B0100 NEW!	81.00	8B1000	81.00	12B0475	81.00	16B0150	130.00
7B0125 NEW!	81.00	8B1100	81.00	12B0500	81.00	16B0250	130.00
7B0150 NEW!	81.00	8B1200	81.00	12B0550	81.00	16B0300	130.00
7B0175	81.00			12B0600	81.00	16B0350	130.00
7B0200	81.00	10B095	81.00	12B0650	81.00	16B0450	130.00
7B0225 NEW!	81.00	10B0110	81.00	12B0700	81.00	16B0500	130.00
7B0250 NEW!	81.00	10B0125	81.00	12B0750	81.00	16B0600	130.00
7B0275	81.00	10B0150	81.00	12B0800	81.00		
7B0300	81.00	10B0162	81.00	12B0850	81.00	ULTRA HIGH TRAVEL (UHT) 16"	
7B0325 NEW!	81.00	10B0175	81.00			16B0110UHT NEW!	95.00
7B0350	81.00	10B0175/500	95.00	ULTRA HIGH TRAVEL (UHT) 12"		16B0125UHT NEW!	95.00
7B0375 NEW!	81.00	10B0200	81.00	12B0110UHT NEW!	95.00	16B0138UHT NEW!	95.00
7B0400	81.00	10B0225	81.00	12B0125UHT NEW!	95.00	16B0150UHT NEW!	95.00
7B0450	81.00	10B0250	81.00	12B0150UHT NEW!	95.00	16B0175UHT NEW!	95.00
7B0500	81.00	10B0275	81.00	12B0175UHT NEW!	95.00	16B0250UHT NEW!	95.00
7B0550	81.00	10B0300	81.00	12B0200UHT NEW!	95.00		
7B0600	81.00	10B0325	81.00	12B0225UHT NEW!	95.00		
7B0650	81.00	10B0350	81.00	12B0250UHT NEW!	95.00		
7B0700	81.00	10B0375	81.00	12B0275UHT NEW!	95.00		
7B0750	81.00	10B0400	81.00				
7B0800	81.00	10B0425	81.00	14B085	81.00		
7B0850	81.00	10B0450	81.00	14B0100	81.00		
7B0900	81.00	10B0475	81.00	14B0110	81.00		
7B0950	81.00	10B0500	81.00	14B0125	81.00		
7B1000	81.00	10B0525	81.00	14B0138	81.00		
7B1100	81.00	10B0550	81.00	14B0150	81.00		
7B1200	81.00	10B0575	81.00	14B0160	81.00		
7B1300	81.00	10B0600	81.00	14B0175	81.00		
		10B0625	81.00	14B0185	81.00		
8B0100	81.00	10B0650	81.00	14B0200	81.00		
8B0125 NEW!	81.00	10B0675	81.00	14B0225	81.00		
8B0150	81.00	10B0700	81.00	14B0250	81.00		

2.25" I.D.

Free Length / 2.25" I.D. / Rate

Part # 6 A 0400

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
4A0300	103.00	5A0900	81.00	6A0625	81.00	8A0150	81.00
4A0350	103.00	5A0950	81.00	6A0650	81.00	8A0165	81.00
4A0400	103.00	5A1000	103.00	6A0675	81.00	8A0175	81.00
4A0450	103.00	5A1050	103.00	6A0700	81.00	8A0185	81.00
4A0500	103.00	5A1100	103.00	6A0750	81.00	8A0200	81.00
4A0550	103.00	5A1150	103.00	6A0800	81.00	8A0225	81.00
4A0600	103.00	5A1200	103.00	6A0850	81.00	8A0250	81.00
4A0650	103.00	5A1250	103.00	6A0900	81.00	8A0275	81.00
4A0700	103.00	5A1300	103.00	6A0950	81.00	8A0300	81.00
4A0750	103.00	5A1350	103.00	6A1000	103.00	8A0325	81.00
4A0800	103.00	5A1400	103.00	6A1050	103.00	8A0350	81.00
4A0850	103.00	5A1450	103.00	6A1100	103.00	8A0375	81.00
4A0900	103.00	5A1500	103.00	6A1150	103.00	8A0400	81.00
4A0950	103.00	5A1550	103.00	6A1200	103.00	8A0425	81.00
4A1000	103.00	5A1600	103.00	6A1250	103.00	8A0450	81.00
4A1050	103.00	5A1650	103.00	6A1300	103.00	8A0475	81.00
4A1100	103.00	5A1700	103.00	6A1400	103.00	8A0500	81.00
4A1150	103.00	5A1750	103.00	6A1500	103.00	8A0525	81.00
4A1200	103.00	5A1800	103.00	6A1600	103.00	8A0550	81.00
4A1250	103.00	5A1850	103.00	6A1700	103.00	8A0575	81.00
4A1300	103.00	5A1900	103.00	6A1800	103.00	8A0600	81.00
4A1350	103.00	5A1950	103.00	6A1900	103.00	8A0650	81.00
4A1400	103.00	5A2000	103.00	6A2000	103.00	8A0700	81.00
4A1450	103.00	5A2050	103.00	6A2200	215.00	8A0750	81.00
4A1500	103.00	5A2100	103.00	6A2500	215.00	8A0800	81.00
4A1600	103.00	5A2150	103.00			8A0900	81.00
4A1700	103.00	5A2200	103.00	7A0250	81.00	8A1000	103.00
4A1800	103.00	5A2250	103.00	7A0275	81.00	8A1100	103.00
4A1900	103.00	5A2300	103.00	7A0300	81.00	8A1200	103.00
4A2000	103.00	5A2400	103.00	7A0325	81.00		
4A2100	103.00	5A2500	103.00	7A0350	81.00	9A0150	81.00
4A2200	103.00	5A2600	103.00	7A0375	81.00	9A0175	81.00
4A2300	103.00	5A2700	215.00	7A0400	81.00	9A0200	81.00
4A2400	103.00	5A2800	215.00	7A0425	81.00	9A0225	81.00
4A2500	103.00	5A2900	215.00	7A0450	81.00	9A0250	81.00
4A2600	103.00	5A3000	215.00	7A0475	81.00	9A0275	81.00
4A2700	103.00	5A3800	215.00	7A0500	81.00	9A0300	81.00
4A2800	103.00			7A0525	81.00	9A0325	81.00
4A2900	103.00	6A0200	81.00	7A0550	81.00	9A0350	81.00
4A3000	103.00	6A0225	81.00	7A0600	81.00	9A0375	81.00
4A3200	103.00	6A0250	81.00	7A0650	81.00	9A0400	81.00
4A3400	103.00	6A0275	81.00	7A0700	81.00	9A0425	81.00
		6A0300	81.00	7A0750	81.00	9A0450	81.00
5A0300	81.00	6A0325	81.00	7A0800	81.00	9A0475	81.00
5A0350	81.00	6A0350	81.00	7A0850	81.00	9A0500	81.00
5A0400	81.00	6A0375	81.00	7A0900	81.00	9A0525	81.00
5A0450	81.00	6A0400	81.00	7A0950	81.00	9A0550	81.00
5A0500	81.00	6A0425	81.00	7A1000	81.00	9A0575	81.00
5A0550	81.00	6A0450	81.00	7A1100	103.00	9A0600	81.00
5A0600	81.00	6A0475	81.00	7A1200	103.00	9A0750	81.00
5A0650	81.00	6A0500	81.00	7A1300	103.00		
5A0700	81.00	6A0525	81.00	7A1400	103.00		
5A0750	81.00	6A0550	81.00	7A1500	103.00		
5A0800	81.00	6A0575	81.00	7A1600	103.00		
5A0850	81.00	6A0600	81.00				

2.0" I.D.

Free Length / 2.0" I.D. / Rate



Part # 5 C 0400

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
4C0350	103.00	4C2200	103.00	5C0950	103.00	6C0350	NEW! 103.00
4C0400	103.00	4C2300	103.00	5C1000	103.00	6C0400	103.00
4C0450	103.00	4C2400	103.00	5C1050	103.00	6C0450	103.00
4C0500	103.00	4C2500	103.00	5C1100	103.00	6C0500	103.00
4C0600	NEW! 103.00	4C2600	103.00	5C1150	103.00	6C0550	103.00
4C0650	NEW! 103.00	4C2700	103.00	5C1200	103.00	6C0600	103.00
4C0700	103.00	4C2800	103.00	5C1250	103.00	6C0650	103.00
4C0750	103.00	4C2900	103.00	5C1300	103.00	6C0700	103.00
4C0800	103.00	4C3000	103.00	5C1350	103.00	6C0750	103.00
4C0850	103.00	4C3200	103.00	5C1400	103.00	6C0800	103.00
4C0900	103.00	4C3400	103.00	5C1450	103.00	6C0850	103.00
4C0950	103.00	4C3600	103.00	5C1500	103.00	6C0900	103.00
4C1000	103.00			5C1550	103.00	6C0950	103.00
4C1050	103.00	5C0250	103.00	5C1600	103.00	6C1000	103.00
4C1100	103.00	5C0300	103.00	5C1700	103.00	6C1100	103.00
4C1150	103.00	5C0350	103.00	5C1800	103.00	6C1200	103.00
4C1200	103.00	5C0400	103.00	5C1900	103.00	6C1300	103.00
4C1250	103.00	5C0450	103.00	5C2000	103.00	6C1400	103.00
4C1300	103.00	5C0500	103.00	5C2100	103.00	6C1500	103.00
4C1350	103.00	5C0550	103.00	5C2200	103.00	6C1600	103.00
4C1400	103.00	5C0600	103.00	5C2300	103.00	6C1700	103.00
4C1500	103.00	5C0650	103.00	5C2400	103.00	6C1800	103.00
4C1600	103.00	5C0700	103.00	5C2500	103.00	6C1900	103.00
4C1700	103.00	5C0750	103.00	5C2600	103.00	6C2000	103.00
4C1800	103.00	5C0800	103.00	5C2700	103.00		
4C1900	103.00	5C0850	103.00	5C2800	103.00		
4C2000	103.00	5C0900	103.00	5C3000	103.00		
4C2100	103.00						

1.875" I.D.

Free Length / 1.875" I.D. / Rate



Part # 10 D 0400

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
TRANSFER ASSIST SPRINGS		10D050	81.00	10D0375	81.00
CS-25 (4" x 25#)	21.00	10D062	81.00	10D0400	81.00
CS-50 (4" x 50#)	21.00	10D075	81.00	10D0425	81.00
		10D087	81.00	10D0450	81.00
8D075	81.00	10D0100	81.00	10D0475	81.00
8D087	81.00	10D0112	81.00	10D0500	81.00
8D0100	81.00	10D0125	81.00	10D0525	81.00
8D0112	81.00	10D0137	81.00	10D0550	81.00
8D0125	81.00	10D0150	81.00	10D0600	81.00
8D0137	81.00	10D0162	81.00	12D0125	81.00
8D0150	81.00	10D0175	81.00	12D0150	81.00
8D0165	81.00	10D0185	81.00	12D0175	81.00
8D0175	NEW! 81.00	10D0200	81.00	12D0200	81.00
8D0185	81.00	10D0225	81.00	12D0225	81.00
8D0200	NEW! 81.00	10D0250	81.00	12D0250	81.00
8D0225	NEW! 81.00	10D0275	81.00	12D0275	81.00
8D0240	NEW! 81.00	10D0300	81.00	12D0300	81.00
8D0250	NEW! 81.00	10D0325	81.00		
		10D0350	81.00		

3" I.D.

Free Length / 3" I.D. / Rate

Part # 12 E 0400

OFF ROAD SPRINGS

This range of springs is designed for the new shocks now on the market for Off-Road Racing. Now the Off-Road racer has a range of high quality suspension coils to choose from. They are available as standard inventory items at reasonable prices. Available in 5 free lengths: 10", 12", 14", 16" & 18".

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
10E0100	118.00	12E0450	118.00	14E0500	118.00	16E0700	215.00
10E0200	118.00	12E0500	118.00	14E0600	215.00		
10E0250	118.00					18E0400	118.00
10E0300	118.00	14E0150	118.00	16E0100	118.00	18E0500	215.00
10E0400	118.00	14E0225	118.00	16E0150	118.00	18E0600	215.00
10E0500	118.00	14E0250	118.00	16E0250	118.00	18E0700	210.60
		14E0275	118.00	16E0350	118.00	18E0800	215.00
12E0200	118.00	14E0300	118.00	16E0450	118.00	18E0900	215.00
12E0225	118.00	14E0350	118.00	16E0500	118.00		
12E0250	118.00	14E0400	118.00	16E0550	215.00		
12E0350	118.00	14E0450	118.00	16E0600	215.00		

3.75" I.D.

Free Length / 3.75" I.D. / Rate

Part # 20 G 0700

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
20G0500	240.00	22G0500	240.00	24G0500	240.00		
20G0600	240.00	22G0600	240.00	24G0550	240.00		
20G0700	240.00			24G0600	240.00		

Specialty Springs & Products

Part #	Description	Racer \$
184.5H0600	Penske Tracking Damper (1.18" ID x 4.5" free length)	45.00
184.5H0900	Penske Tracking Damper (1.18" ID x 4.5" free length)	45.00
18J-(1050#)	J/J3 Pull Bar Springs (.75" ID x 1.5" OD x 7")	40.00
18J3-(900#)	J/J3 Pull Bar Springs (.75" ID x 1.5" OD x 7")	40.00
18-400	6th Coil (.909 ID x 3" free length)	22.00
18DS100	Stacked Spring Divider (2.5" ID)	35.00
LOCKERSPRG	Locker Springs	30.00
CS-25	Transfer Assist Springs (25# rate)	21.00
CS-50	Transfer Assist Springs (50# rate)	21.00
CS100	Helper Springs (4" FL x 2.5" ID)	35.00
CS600	Helper Springs (6" FL x 2.5" ID)	35.00
HELPERSPRG-2.25	Helper Springs (2.25" ID)	35.00
HELPERSPRG-3.00	Helper Springs (3" ID)	35.00
HELPERSPRG-60MM	Helper Springs (60MM ID)	35.00

Note: Helper Springs keep springs indexed in platforms when flying through holes and when car is on jacks

36 MM I.D.

36mm I.D. / Rate / Material

Part # I 1000 HT

36 MM DALLARA / IRL SPRINGS

This line of springs was developed for the Dallara/IRL cars. There are other applications that use this specification, such as F-2000, F-3 series, etc.

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
I-0300-HT	NEW! 136.00	I-1300-HT	136.00	I-2700-HT	136.00	I-4000-HT	136.00
I-0350-HT	NEW! 136.00	I-1400-HT	136.00	I-2800-HT	136.00	I-4400-HT	136.00
I-0400-HT	NEW! 136.00	I-1500-HT	136.00	I-2900-HT	136.00	I-4500-HT	136.00
I-0450-HT	NEW! 136.00	I-1600-HT	136.00				
I-0500-HT	136.00	I-1700-HT	136.00	I-3000-HT	136.00	36MM - 4" FREE LENGTH	
I-0600-HT	136.00	I-1800-HT	136.00	I-3100-HT	136.00	I-0800-HT-4	105.00
I-0700-HT	136.00	I-1900-HT	136.00	I-3200-HT	136.00	I-0900-HT-4	105.00
I-0750-HT	136.00	I-2000-HT	136.00	I-3300-HT	136.00	I-1000-HT-4	105.00
I-0800-HT	136.00	I-2100-HT	136.00	I-3400-HT	136.00	I-1100-HT-4	105.00
I-0900-HT	136.00	I-2200-HT	136.00	I-3500-HT	136.00	I-1200-HT-4	105.00
I-0950-HT	136.00	I-2300-HT	136.00	I-3600-HT	136.00	I-1400-HT-4	105.00
I-1000-HT	136.00	I-2400-HT	136.00	I-3700-HT	136.00	I-1600-HT-4	105.00
I-1100-HT	136.00	I-2500-HT	136.00	I-3800-HT	136.00	I-1800-HT-4	105.00
I-1200-HT	136.00	I-2600-HT	136.00	I-3900-HT	136.00	I-2000-HT-4	105.00

60 MM I.D.

Free Length / 60mm" I.D. / Rate

Part # 6 M 0600

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
5.5M0550	81.00	6M0900	81.00	7M0700	81.00	8M0900	81.00
5.5M0650	81.00	6M1000	81.00	7M0800	81.00	8M1000	81.00
5.5M0750	81.00	6M1100	81.00	7M0900	81.00		
		6M1200	81.00	7M1000	81.00	9M0600	NEW! 81.00
6M0350	81.00	6M1300	81.00	7M1100	81.00	9M0650	NEW! 81.00
6M0450	81.00	6M1400	81.00			9M0700	NEW! 81.00
6M0500	81.00			8M0350	81.00	9M0750	NEW! 81.00
6M0550	81.00	7M0350	81.00	8M0450	81.00	9M0800	NEW! 81.00
6M0600	81.00	7M0450	81.00	8M0550	81.00	9M0850	NEW! 81.00
6M0650	81.00	7M0550	81.00	8M0600	81.00	9M0900	NEW! 81.00
6M0700	81.00	7M0600	81.00	8M0700	81.00		
6M0800	81.00	7M0650	81.00	8M0800	81.00		

70 MM I.D.

Free Length / 70mm" I.D. / Rate

Part # 8 P 0450

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
8P0450	81.00	9P0400	87.00	10P0350	92.00		
8P0500	81.00	9P0450	87.00	10P0400	92.00		
8P0550	81.00	9P0500	87.00	10P0450	92.00		
8P0600	81.00	9P0550	87.00				

8 3/4" Free Length x 5 1/2" O.D. CONVENTIONAL FRONT SPRINGS - NASCAR STYLE

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
0400-F(R5)	115.00	0750-F(R3)	115.00	1150-F(R3)	115.00	1450-F(R3)	115.00
0450-F(R5)	115.00	0800-F(R3)	115.00	1200-F(R3)	115.00	1500-F(R5)	115.00
0500-F(R5)	115.00	0850-F(R5)	115.00	1250-F(R3)	115.00		
0600-F(R3)	115.00	0900-F(R3)	115.00	1300-F(R3)	115.00		
0650-F(R3)	115.00	1050-F(R3)	115.00	1350-F(R3)	115.00		
0700-F(R3)	115.00	1100-F(R3)	115.00	1400-F(R3)	115.00		

5" O.D. Conventional Rear

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
REAR - LONG		575R-L	81.00	1400R-L	159.00	REAR - SHORT	
100R-L	81.00	600R-L	81.00	1500R-L	159.00	300R-S	81.00
125R-L	81.00	625R-L	81.00	1800R-L	159.00	350R-S	81.00
150R-L	81.00	650R-L	81.00	2000R-L	159.00	375R-S	81.00
175R-L	81.00	700R-L	81.00			425R-S	81.00
200R-L	81.00	750R-L	81.00			500R-S	81.00
225R-L	81.00	800R-L	81.00			550R-S	81.00
250R-L	81.00	900R-L	81.00			600R-S	81.00
300R-L	81.00	950R-L	81.00				
350R-L	81.00	1000R-L	159.00				
375R-L	81.00	1100R-L	159.00				
525R-L	81.00	1200R-L	159.00				
550R-L	81.00	1300R-L	159.00				

Pull Bar Springs

7" F.L. x 5" O.D. PROGRESSIVE CONVENTIONAL PULL BAR SPRINGS

Part #	Racer \$	Part #	Racer \$
600#/1200#	69.00	900#/1300#	69.00

6.625" F.L. x 5" O.D. LINEAR CONVENTIONAL PULL BAR SPRINGS

Part #	Racer \$	Part #	Racer \$
1075PB	62.00	1225PB	62.00

Street Stocks / Stock Appearing

Hyperco offers various specifications of Conventional Rear Springs. (1) One end pigtail / One end closed. (2) Double pigtail. Designed for Stock Appearing classes (black powder coat finish). Available in the following rates:

11" x 5 1/2" O.D. REAR (ONE END PIGTAIL / ONE END CLOSED)

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
SNP11-175	60.00	SNP11-225	60.00	SNP11-275	60.00
SNP11-200	60.00	SNP11-250	60.00	SNP11-300	60.00

12" x 5 1/2" O.D. REAR (ONE END PIGTAIL / ONE END CLOSED)

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
SNP12-150	60.00	SNP12-225	60.00	SNP12-275	60.00
SNP12-175	60.00	SNP12-250	60.00	SNP12-300	60.00
SNP12-200	60.00				

14" x 7" O.D. REAR (DOUBLE PIGTAIL ENDS)

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
SDP-175	60.00	SDP-225	60.00	SDP-300	60.00
SDP-200	60.00	SDP-250	60.00		

You can count on Hypercoil quality for your street stock! 5 1/2" O.D. x 12" length and, 5 1/2" O.D. x 11" length. Hyperco stock appearing springs are powder coated black. Available in the following rates:

5 1/2" O.D. x 11" FRONT (ONE END OPEN / ONE END CLOSED & GROUND)

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
Z0800-11	60.00	Z1000-11	60.00	Z1200-11	60.00
Z0900-11	60.00	Z1100-11	60.00	Z1300-11	60.00

5 1/2" O.D. x 12" FRONT (ONE END OPEN / ONE END CLOSED & GROUND)

Part #	Racer \$	Part #	Racer \$	Part #	Racer \$
Z0800-12	60.00	Z1100-12	60.00	Z1400-12	60.00
Z0900-12	60.00	Z1200-12	60.00	Z1500-12	60.00
Z1000-12	60.00	Z1300-12	60.00		

Every function of your race car is translated through your suspension coils. If your springs settle, you must settle for a poor result. Don't compromise your car's handling, use Hypercoils! Depended on by Sprint® Cup Champions!

Hyperco Winning Wearables!



Embroidered
Cap \$10.00



Screen Printed
Cotton T-Shirt \$18.00



Embroidered
Heavyweight Cotton Sweatshirt
\$30.00

Corvette Composite Leaf Springs

Computer designed, track tested and race proven. Hyperco performance-tuned Corvette Composite Leaf Springs enable the serious owner to select the suspension performance level they desire for their car.

Refer to www.hypercoils.com for installation instructions and additional info.

C3 CORVETTE - HIGH PERFORMANCE STREET SERIES

Part #		Racer \$	Part #		Racer \$
12400HPS	Rear (Base)	330.00	12402HPS	Rear (Performance)	330.00
12400HPA	Ride Height Adjuster NEW!	60.00	12413HPS	Rear (EZ Ride)	330.00

C4 CORVETTE - HIGH PERFORMANCE STREET SERIES

Part #		Racer \$	Part #		Racer \$
12404HPS	Rear (Performance/Track)	430.00	12403HPS	Front (Performance)	430.00
12411HPS	Rear (EZ Ride)	430.00	12410HPS	Front (EZ Ride)	430.00
			12401HPT	Front (Track)	430.00

C5 CORVETTE - HIGH PERFORMANCE STREET SERIES

Part #		Racer \$	Part #		Racer \$
12406HPS	Rear	595.00	12405HPS	Front	595.00

C5 CORVETTE - HIGH PERFORMANCE TRACK SERIES

Part #		Racer \$	Part #		Racer \$
12408HPT	Rear	595.00	12407HPT	Front	595.00

C6 CORVETTE - HIGH PERFORMANCE TRACK SERIES

Part #		Racer \$	Part #		Racer \$
12409HPT	Rear (Performance/Track)	595.00	12407HPT	Front	595.00

Composite Leaf Springs

Lighter. Stronger. Faster. Hyperco Composite Leaf Springs are manufactured with an epoxy matrix composite material that is 70% lighter than steel, while maintaining extraordinary strength. Refer to www.hypercoils.com for installation instructions and additional info.

CHRYSLER STYLE

Part #	Front Bolt	Rear Bolt	True Arch	Rate	Racer \$
10220	5/8"	1/2"	4.5"	150	320.00
10230	5/8"	1/2"	4.5"	175	320.00
10231	5/8"	1/2"	4.5"	200	320.00
10240	5/8"	1/2"	4.5"	225	320.00

GENERAL MOTORS STYLE

Part #	Front Bolt	Rear Bolt	True Arch	Rate	Racer \$
11338	9/16"	1/2"	4.5"	150	320.00
11340	9/16"	1/2"	4.5"	175	320.00
11342	9/16"	1/2"	4.5"	200	320.00
11344	9/16"	1/2"	4.5"	225	320.00
11348	9/16"	1/2"	4.5"	250	320.00



**NORTH AMERICA'S LEADING MANUFACTURER
OF RACING SUSPENSION COMPONENTS**



HYPERCO

A Division of MW Industries, Inc.



PROUDLY ENGINEERED AND MANUFACTURED IN THE U.S.A.