

SUSPENSION!

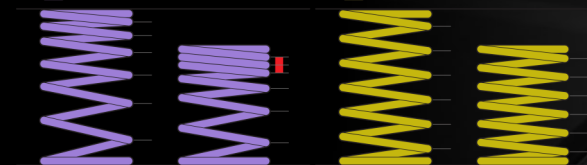
You may be surprised that the answer is **not extra power**. The greatest gain is to be faster through the corners, not just in a straight line. Improving the suspension allows you to brake later, carry more corner speed, accelerate earlier, and reach your top speed quicker.

On the street, good suspension will lead to shorter stopping distance, reduced tyre wear and a more controlled and comfortable ride under all conditions. The ride height even determines how comfortable you are standing still. *Good suspension will boost your confidence!*

Why compromise?

Springs are the basis of suspension. A spring needs to be soft enough to be comfortable, but also hard enough to prevent the suspension from bottoming out, for instance under hard braking.

Linear springs are always a compromise. This can be fine for a short race on the track, where comfort can be sacrificed for performance, but on the street a wider operating range is required.



On **progressive springs**, each coil is spaced progressively wider apart. As the spring is compressed, more of the coils will touch and no longer be an active part of the spring, resulting in a spring rate that is constantly rising. This “constant rising rate” progressively slows down the suspension travel before it reaches the end of its stroke. The spring absorbs the bumps instead of the tyre, giving a more controlled ride, with dramatically reduced tyre wear.

The soft beginning of the spring is comfortable and keeps the tyre in contact with the road more. The middle part of the spring absorbs bumps and uneven surfaces of the road. The hard end controls the chassis under braking and acceleration better.

Purple Perfection

WWW.HYPERPRO.COM

Hulsenboschstraat 26, 4251 LR, Werkendam, The Netherlands
+31-183-678867, info@hyperpro.com

HYPERPRO
Suspension Technology



***What bike modification
has the most impact on
performance?***

HYPERPRO Suspension Technology

PROGRESSIVE SPRING KITS

Progressive replacement springs to fit your original fork and shock absorber.

- **Fork springs** are polished and come with the correct fork oil for less friction and improved damping.
- **Rear springs** are available in purple or black color.
- **Combi kit** contains front and rear; recommended for the perfect balance.

Lifetime warranty against breaking!

STREET BOX

The one-package solution!

A progressive fork spring kit and an emulsion shock absorber in one convenient package.

SHOCK ABSORBERS

High quality shock absorbers, designed for durability with a rigid 16mm spindle.

- **Emulsion shocks** with adjustable rebound damping and spring preload.
- **Fully adjustable shocks** also have 2-way adjustable compression damping (hi and low speed) and a separated gas reservoir.
- **Options:** hydraulic preload adjuster, length adjustment, rider weight/ height compensation and spring color (purple or black).

Every Hyperpro shock is built-to-order!



Twin shocks
(36mm piston)
in all black color



Fully adjustable mono shock
(46mm piston) with reservoir
and optional length adjuster

HEIGHT ADJUSTMENT KITS

Lower the motorcycle to suit your height / raise the rear end to improve handling.

CNC cut replacement parts are easy to install.

For the best result use a **lowering spring kit**. The progressive lowering springs not only reduce the ride height, but also improve the handling!



STEERING DAMPERS

Stop that headshake before it even starts! Available in two versions:

CSC (Constant Safety Control)

linear damping, constant control.

RSC (Reactive Safety Control)

progressive damping, increases as the steering speed increases. More damping when you need it, less when you do not.



Huge range of bolt-on mounting kits and universal mounting parts available.

FRONT FORKS

The ultimate RSU fork is available in two sizes:

H43 (43mm for Japanese muscle bikes/ R NineT)

H49 (49mm for Harley Davidson Dyna/ Touring)

Features:

- Black (DLC) or Gold (TiN) coated inner tube.
- adjustable hi/ low speed compression damping
- adjustable rebound damping
- adjustable spring preload
- progressive springs
- low friction seals and oil

Fender brackets available and brake adapters for OEM and radial calipers.



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