



Hoosier
RACING TIRES

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RACING

CHAMP
DESIGN

2021 PRODUCT GUIDE **HYPER RACING**

INNOVATION NEVER STOPS!

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600CC/270CC

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ACCESSORIES

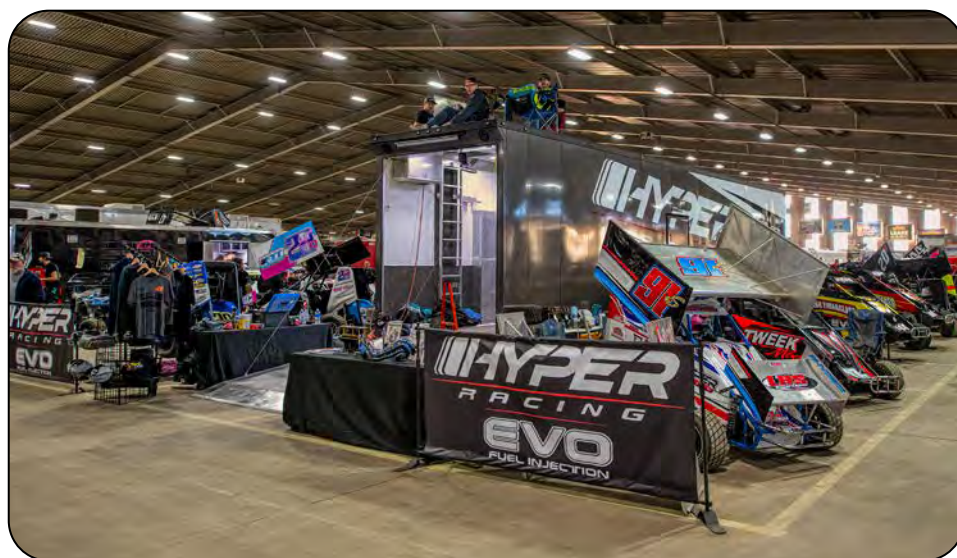
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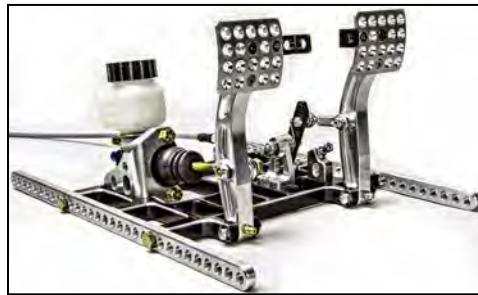
CHRIS SNYDER'S 600 SPRINT
DRIVER: HEATH HEHNLY
LETTERING: BRANDON RAHMER/CHOP DESIGNS



TEAM HYPER RACING AT THE 2020 TULSA SHOOTOUT

In our 27 year history, we've built 1,335 chassis and we're not lifting!

INNOVATION NEVER STOPS!



Since 1994, all of these major developments in 600 Sprint technology have been the work of Hyper Racing:

• *EVO Fuel Injection and other methanol conversions for electronic fuel injections*

• *Jacob's Jacker*

• *Tri-Lock steering system*

• *Adjustable seat mounting system*

• *Adjustable upper seat belt bar*

• *Fuel Forward tank tail system*

• *Adjustable pedal assembly*

• *Adjustable seat height*

• *Deluxe spindle*

• *Sliding adjustable engine mount for 600cc*

• *Left front brake caliper in 2-piston design*

• *Chassis squaring method*

• *2" rear axle assembly*



CUSTOMER SERVICE



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FUEL INJECTION

EVO



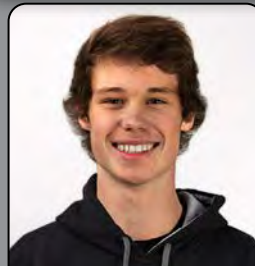
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brian@hyperracing.com
Direct Line: 717-220-4780



LOGAN SPAHR

Fuel Injection Assistant



shop talk

the best in the business!

All of our Hyper Racing team members have vast experience racing and supporting 600 Sprints, Lightning Sprints, and other classes. Get to know us by reading our full team member bios at www.hyperracing.com.

WELDING & FABRICATION



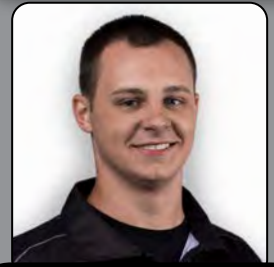
CHRIS SNYDER

Fabrication



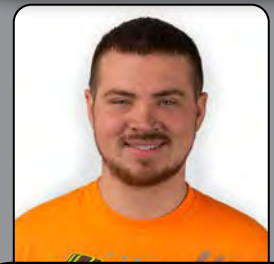
BILL SIMCO

Welding/Fabrication



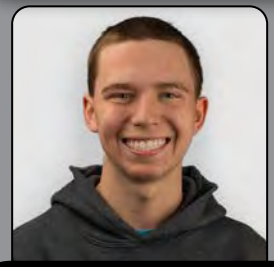
MIKE FAUCI

Welding/Fabrication



MASON CHANEY

Welding/Fabrication

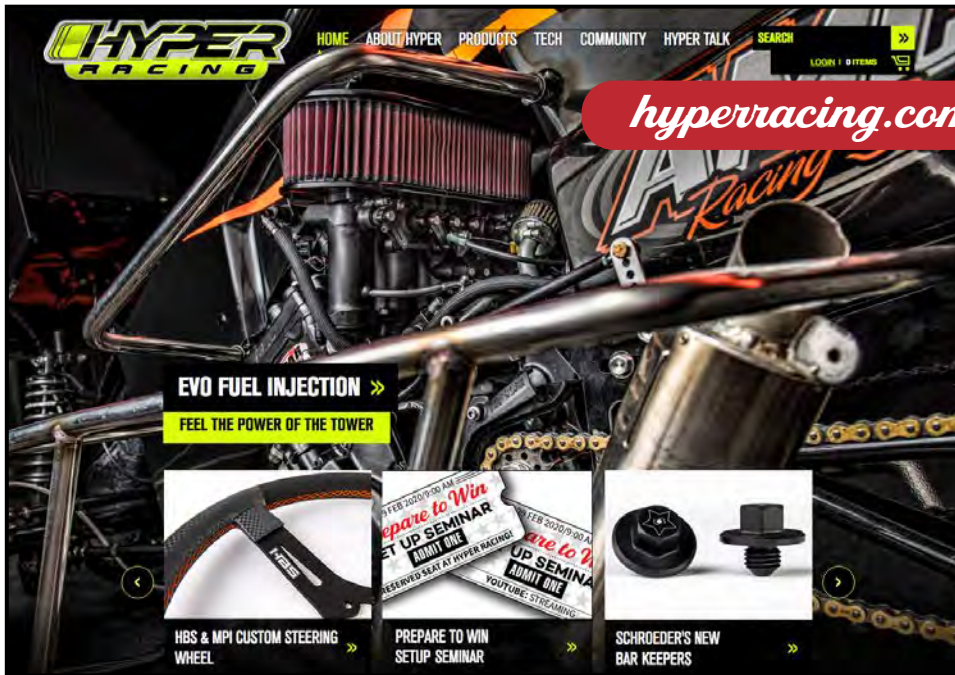


CHASE DONLEY

Welding/Fabrication



shop talk
shop/order desk hours
Monday & Tuesday: 8:30 a.m.-8 p.m.
Wednesday & Thursday: 8:30 a.m.-6 p.m.
Friday: 8:30 a.m.-noon
Saturday: 9:00 a.m.-noon

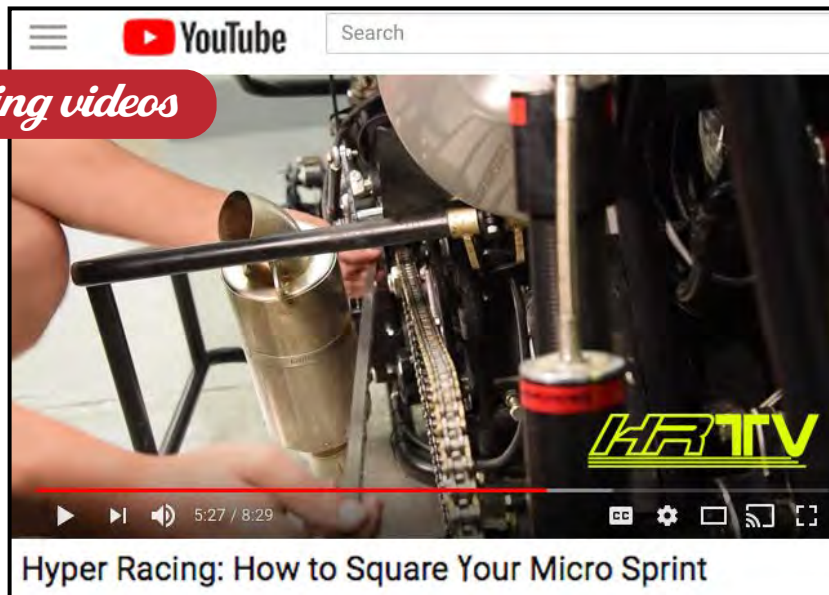


hyperracing.com is always open

- 24/7 ordering
- extended product information
- manage your account
- purchase and redeem gift cards
- new products
- tech support
- much, much more!

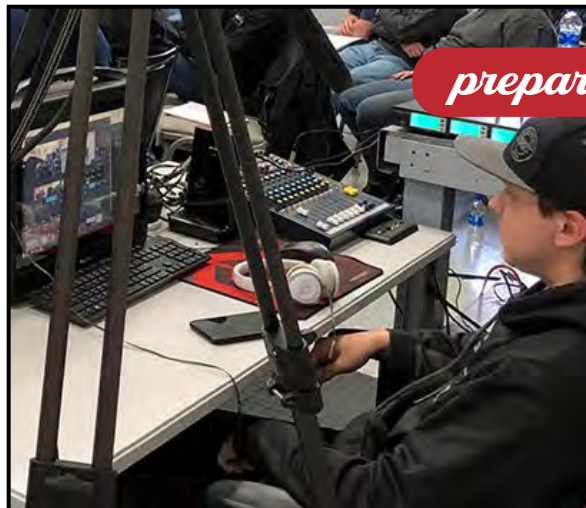
set-up / tech / racing videos

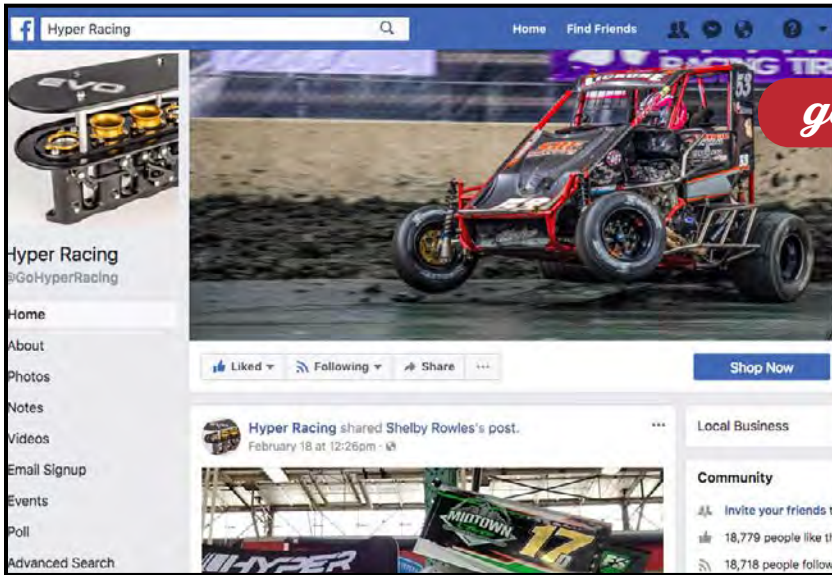
- instructional videos
- product information videos
- creative videos



prepare to win seminar

- basic or advanced
- live or streaming





get social with us

- events, sales
- new products
- photos
- breaking news
- like, follow, subscribe

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- Instagram @hyperracing44
- Twitter @HyperRacing44

- support from experts
- stocked with spares
- order pick up

factory support trailer

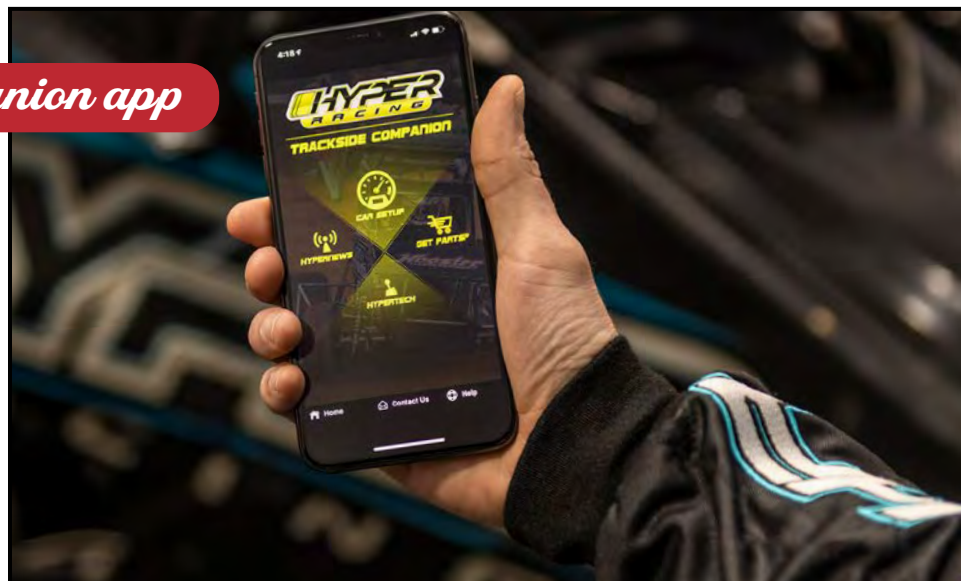


walk-in / phone / email / text

- orders
- technical questions
- product info
- racers helping racers

trackside companion app

- save set up sheets
- recall and edit any time, anywhere on phone, tablet or pc
- can be used for many different race cars
- android or iOS



PROJECT



X7 Aerodynamic Body Look

Aero hood and arm guards with a side wicker bill provide a more enclosed look on the right and more surface area for yaw resistance. The left side features fully enclosed cockpit option (perfect for wingless racing). Both are two-piece designs for cost effective shipping.



Since 1994, Hyper Racing has been innovating, designing and perfecting our chassis to be light years ahead of the competition.

**2007:
A TURNING POINT**

2007 was a turning point for our 600cc Sprint chassis. We created the base frame geometry, pick up points, and jigs and fixtures that the X7 chassis is still built on today. The 2007 Chassis is known as the X4. It was the 4th generation 600 in the family's heritage. Many new innovations were unveiled that year and we continue to refine and revolutionize our prized child. Read all about the history and the many changes made to the Hyper 600 Sprint on our website under the Chassis Tour section.

**2013:
LAUNCH OF THE X6**

In 2013 the X6 was launched. Among many changes, the biggest ones were a coil over front suspension option (yes, 4-bar is still available), and a Jacob's ladder configuration that works with wishbones. This was an industry first, and it is now our favorite and most recommended configuration. (Yes, the panhard bar configuration is also still available!)

**2017:
PROJECT X7
600CC CHASSIS**

In 2017 we connected our brains to SolidWorks again and revealed the Project X7 600cc Chassis. This evolution includes many of the features on the next four pages.

**2019:
MORE X7 DEVELOPMENT**

For 2019, an incremental year in the lineage, there are three highlighted changes to the dominating X7 600 Sprint chassis in addition to several other small changes.

- Adjustable upper seat clamps makes mounting the seat much easier
- Adjustable upper seat belt bar
- Cage gussets added for strength/safety (We recommend this update for all Hyper Chassis.)

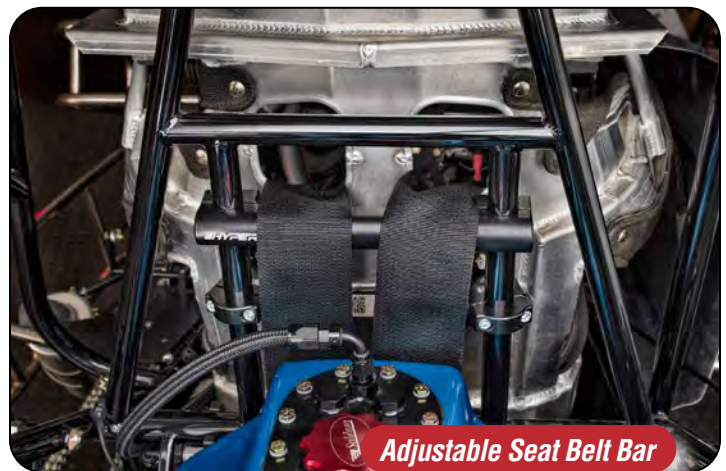
**2020 & BEYOND:
INNOVATION NEVER STOPS!**

In 27 years of history, we've built 1,335 chassis and we're not lifting!



Adjustable Upper Seat Clamps

One of the most difficult procedures to building your new race car is mounting the seat. These new adjustable upper seat clamps makes mounting and change over of the seat much easier.



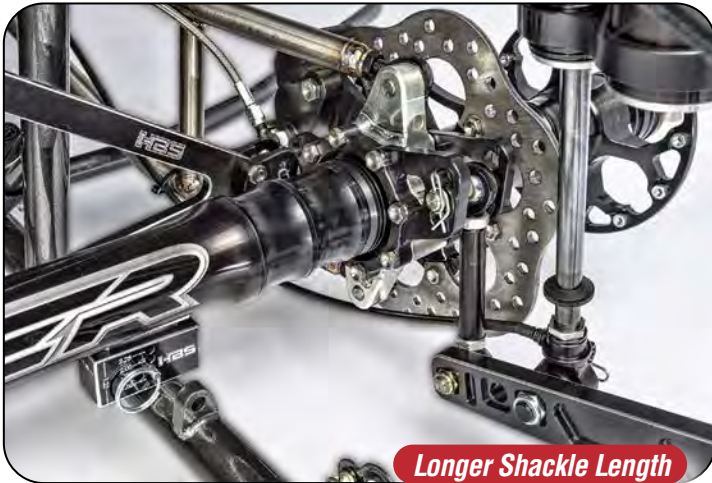
Adjustable Seat Belt Bar

The adjustable upper seat belt bar is a safety update. The shoulder belt upper bar should be located even with the drivers shoulders for maximum protection.



Cage Gussets

Cage gussets added to the long span of unsupported top frame rail will help make the frame stronger.



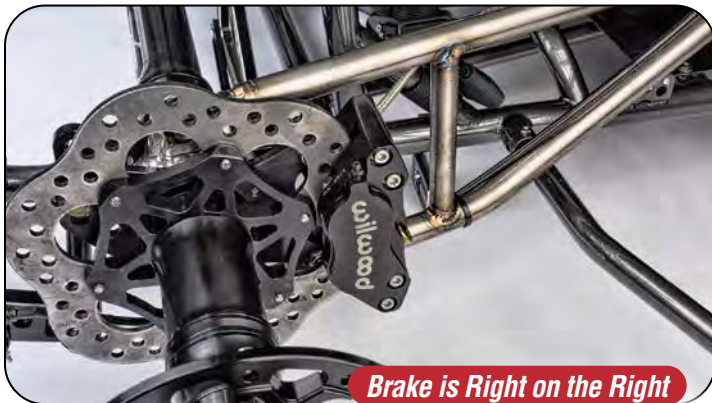
Longer Shackle Length

Front to back shackle angle influences spring rate: a greater angle equates to less spring rate. The X7 shackles are 2" longer allowing for greater front to back misalignment between the torsion arm and the bearing carrier with minimal angle change to the shackle. This reduction in angle equates to a more consistent handling chassis.



Adjustable Rear Axle Position

Capability to move the rear axle forward 1" from the standard position increasing rear weight bias for more forward drive which has been proven valuable on slick tracks, with lightweight drivers, and in wingless racing.



Brake is Right on the Right

Brake caliper can mount on the right bearing carrier which eliminates the inboard brake floater when using a Jacob's ladder:

- Allows the rear axle to be moved forward or the seat to be moved back without the brake rotor hitting the seat.
- Saves 4 pounds by eliminating the brake floater, brake rod, frame boss, and extra rear axle spacers. Brilliant.
- Less cost for those converting from the panhard bar to the Jacob's ladder/wishbone setup. No need to purchase a universal rear axle and a brake floater setup.



Front Shock Sliders

Since all shock brands are different, it is necessary to have an adjustable shock height system on the front of the chassis to allow for these changes in lengths. All X7 frames have adjustable front shock towers and use the HBS 1" Shock Slider, allowing for quick shock changes. Incorrect shock height mounting can lead to handling problems.



Wing Position Improvement

The X7 positions the top wing 4" front further. This more forward position of the top wing provides a better handling balance.



4-Piston Caliper

An optional Wilwood GP320 4-piston caliper with larger pad size will help reduce rotor warping and increase braking performance.



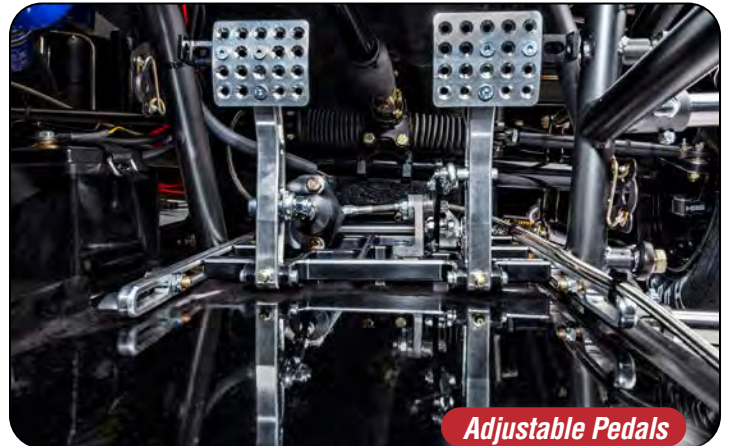
Adjustable Steering

Tilts up and down, and moves front to back.



Controlled Torsion Arm Angles

Instead of raising or lowering the car by adjusting the torsion stop, the ride height can be changed by moving the shackle to a higher or lower hole in the bearing carrier plate. This allows the torsion arm angle to remain constant while the whole car, or one corner, is raised or lowered.



Adjustable Pedals

Fit any height driver, make changes in minutes. An industry first, designed and brought to you by Hyper Racing. Also, this system may help prevent injuries caused by traditional tube type pedals.



Longer Rear Axle

New 55" long x 1 3/4" and a 57" long x 2" rear axle offers the ability to change to a less offset right rear wheel (7" on 6", or 7" on 7") for better tire wear and increased traction in certain situations. Provides flexibility to increase the rear width by moving the right rear and/or left rear wheel out.



Elbow and Leg Room

More room for bigger drivers. 30" plus elbow room and 13 1/2" of leg room. Fits up to an 18" seat.



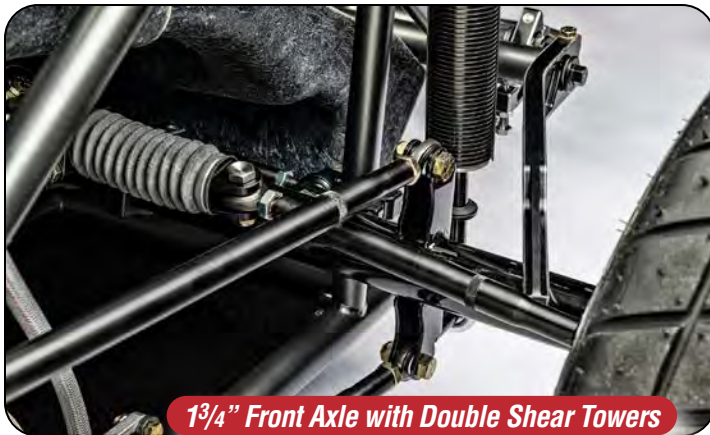
Innovative Radiator Design

Keeps the heat off the driver, and off the engine. Why didn't we think of this before?



Rear Geometry with 7" Shocks

Get over the bumps and transfer weight better. 7" rear shocks prevent bottoming and topping out. Whenever a shock reaches the end of its travel (in or out), the result is loss of traction.



1 3/4" Front Axle with Double Shear Towers

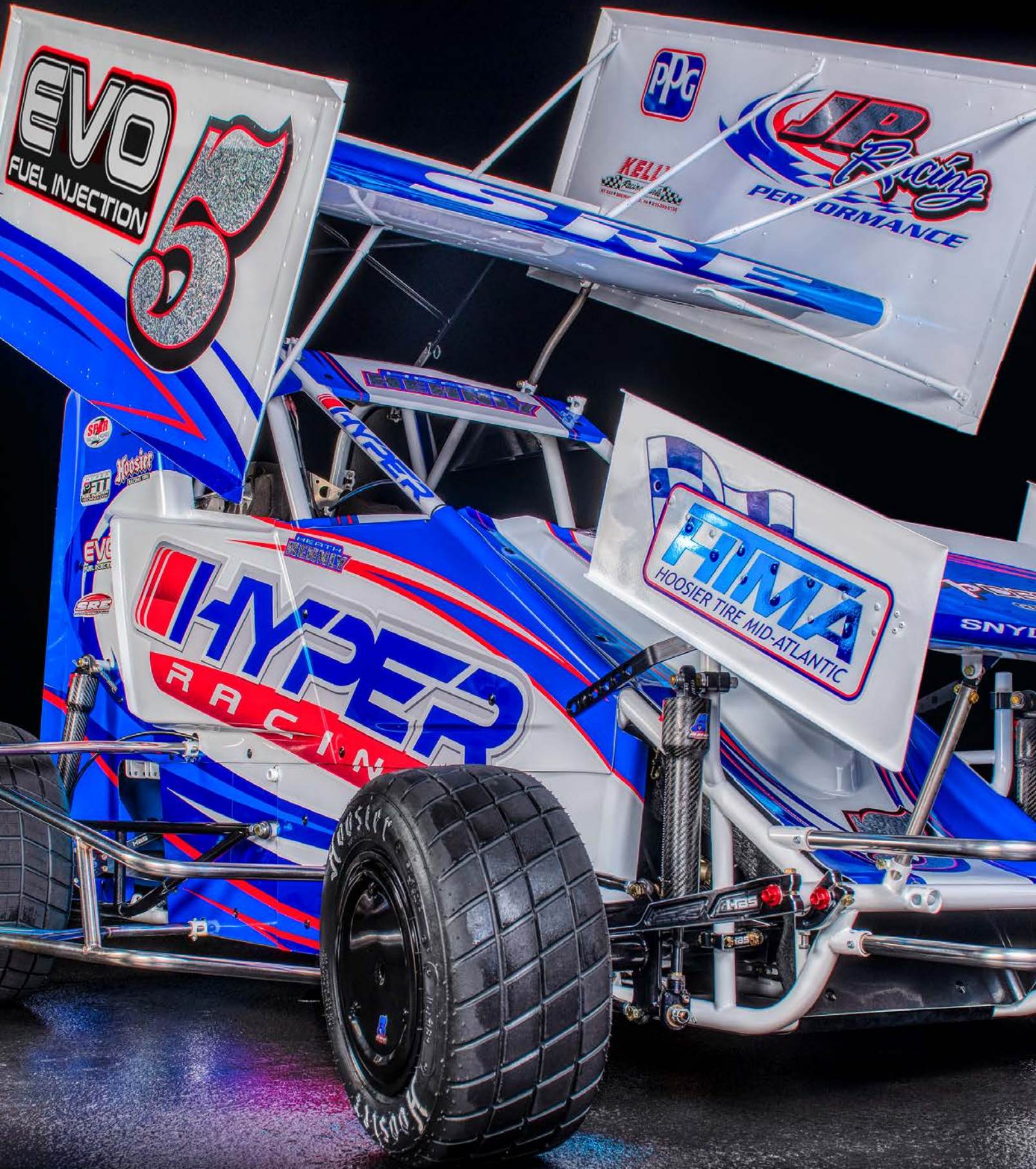
Offers proportionally more strength.

PAGES 6, 11:

CHRIS SNYDER'S 600 SPRINT

PAGES 7-10:

JIM RADNEY'S 600 SPRINT



Ordering the Hyper X7 is an easy process thanks to our new simplified system. Choose your base kit, and then add your options. Get everything just the way you want it.

**WANT MORE?
VISIT
HYPERRACING.COM
FOR MORE
OPTIONS!**



X7 600CC

600cc X7 Kit 3

KIT 3

- Hyper chromoly TIG welded frame with all tabs and mounts, specify panhard bar or Jacob's ladder suspension
- 5-piece hood, right and left fiberglass arm guards, fiberglass radiator shroud, sun visor, body panels, firewall and belly pans
- Adjustable pedal assembly
- 55" Splined rear axle assembly
- Complete 40.5" long x 1 3/4" diameter front axle assembly with HBS wheel centers, dust caps, tapered roller bearings, powder coated front axle, and deluxe spindles
- Complete torsion rear and coil over or torsion front suspension package featuring hollow torsion bars
- Steering system featuring adjustable tilt steering includes: Rack and pinion steering with universal joints, splined Tri-Lock quick release hub with clamp assembly, collapsible steering shaft and 15" dished aluminum steering wheel
- Throttle cable
- Fuel forward tank tail with alcohol bladder and raised cap assembly
- Chain guide
- Stainless steel front bumper, hoop rear bumper, nerf bars and injector protector bar
- Front mount radiator assembly with fan, fittings and cap
- Wilwood master cylinder and Wilwood brake caliper with steel braided brake line and aluminum fittings
- Jacob's ladder and front sliding panhard bar clamp
- Left front brake
- Adjustable upper seat clamps
- Adjustable upper seat belt bar
- Simpson 5-point harness
- Aluminum swaged radius rods
- Powdercoated chromoly wishbones
- Rod ends
- Hardware kit
- Direct shifter assembly

11-0072

\$9,695.00

"When we started in 600 Sprints we were pretty new to them. Mike and his team made sure we understood what we needed and what spares we would need. Even when we had electrical issues he and his team were able to diagnose them over the phone and fix our issue. The Hyper Team has helped us become a top running team at any track."

STEPHAN PERLMUTTER

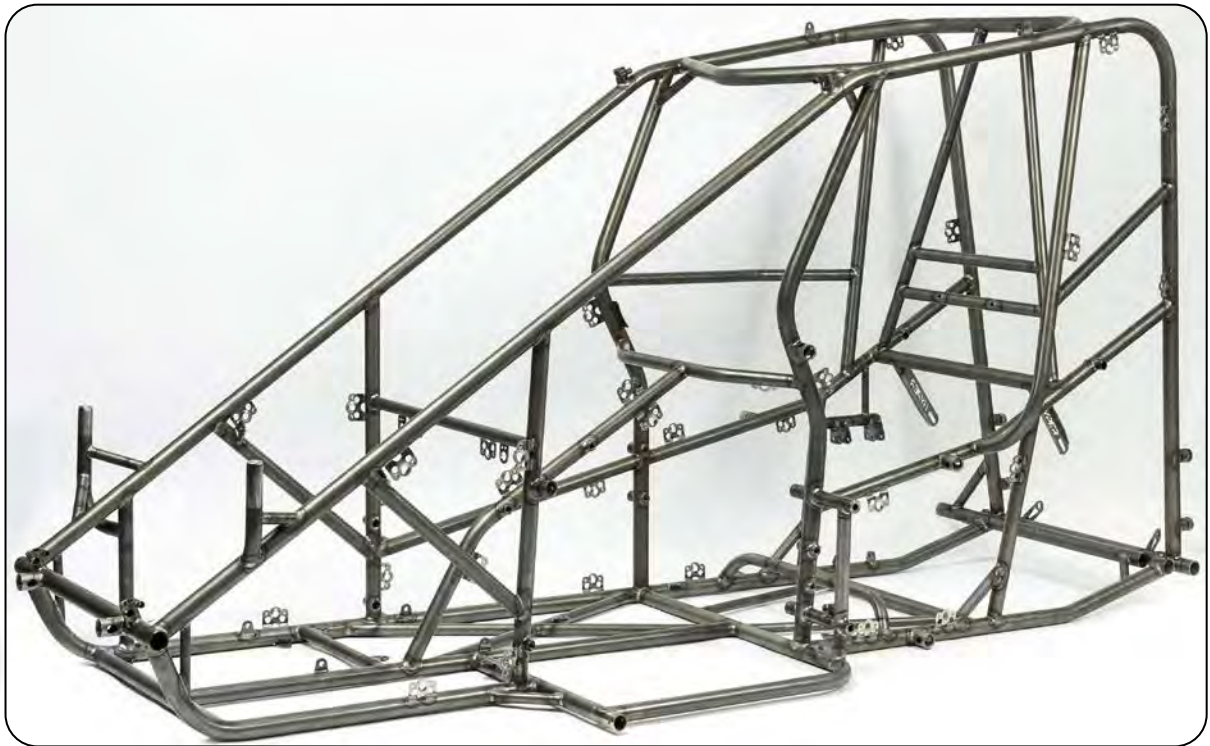
**PRESTON PERLMUTTER RACING
SAN ANTONIO, TX**

? know the code

**chassis model
names and years**

X7 2017 and up
X6 2013-2017
X4 2007-2012

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



WE WORK WITH ALL MAJOR ENGINE BUILDERS. CALL FOR DETAILS!



X7 600CC

600cc X7 Frame

FRAME

- Hyper chromoly TIG welded frame with all tabs and mounts
- X7 frame features wishbone configuration with choice of panhard bar or Jacob's ladder (w-link). Available in 4-bar torsion or coil front, torsion rear

11-022X7

\$2,385.00

X7 600CC

600cc X7 Kit 1

KIT 1

- Hyper chromoly TIG welded frame
- 5-piece hood, right and left fiberglass arm guards, fiberglass radiator shroud, sun visor, body panels, chain guard with clamp, ignition panel, firewall and belly pans
- Stainless steel bumpers, nerf bars and injector protector bar

11-0022

\$4,320.00



shop talk

have it your way!

Custom quotes are available in any configuration. Call the shop at 717.220.4470 and the Hyper team can help!

2" SPLINED REAR AXLE ASSEMBLIES

2" Splined Rear Axle Assemblies are custom configured by you to fit your exact needs. Weighs only ½ pound more than our 1¾" axle. Includes axle, nuts, all spacers, sprocket carrier, HBS wheel centers, 6-bolt brake hub, lightweight brake rotor, and bearing carriers. 31 splines.

Optional black anodized axle shown.



2" X7 Splined Rear Axle Assembly

Includes bearing carriers for X7 (wishbone long shackle).

06-040

\$1,199.00



2" Splined Rear Axle Assembly

Includes bearing carriers for X4/X6 or trailing arm (Z-link).

06-050

\$1,195.00

+ - CUSTOMIZE IT!

Choose your axle:

- 2" x 53" axle included
- 2" x 57" axle \$39.00
- make it black anodized axle \$20.00

Choose your wheel centers:

- HBS wheel centers included
- credit for no wheel centers -\$90.00

Choose two bearing carriers:

- Select two bearing carriers included
- Add Jacob's Jacker option \$105.00

Brake Floater:

- Add brake floater \$134.00

? know the code

chassis model names and years

- X7 2017 and up
- X6 2013-2017
- X4 2007-2012

STEVEN SNYDER JR.
GREENWOOD VALLEY
ACTION TRACK

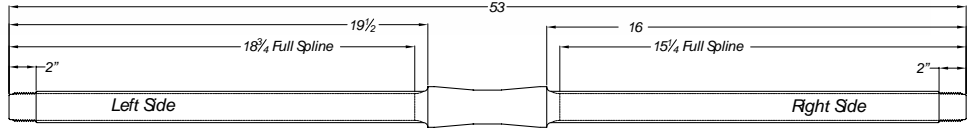


2" Splined Rear Axles are CNC machined, 2" x 55" or 57" long 7075 T-6 aluminum. 31 splines. Choose black anodized or mill finish.



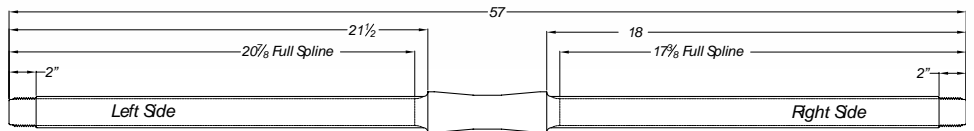
2" x 53" Splined Rear Axle

- 06-100** **\$360.00**
- 06-100-BLACK** **\$380.00**



2" x 57" Splined Rear Axle

- 06-102** **\$399.00**
- 06-102-BLACK** **\$419.00**



JOE AMANTEA
JOEY AMANTEA JR.
CLYDE MARTIN
MEMORIAL SPEEDWAY



CHASSIS
KITS
REAR END
FRONT END
PAN/ARO/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG MOUNT
BUMPER/
BODY
HARDWARE/
TABS/TT
COOLING
FUEL
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

1 3/4" REAR AXLE ASSEMBLIES

1 3/4" Spined Rear Axle Assemblies are custom configured by you to fit your exact needs. Spined rear axle assemblies include: 1 3/4" spined rear axle, nuts, spacers, sprocket carrier, HBS wheel centers, brake hub, lightweight brake rotor, bearing carriers, bearing reducers and hardware.



1 3/4" X7 Spined Rear Axle Assembly
Includes bearing carriers for X7 (wishbone long shackle).
05-002 **BASE PRICE \$895.00**



1 3/4" Spined Rear Axle Assembly
Includes bearing carriers for coil over, X4/X6 or trailing arm (Z-link).
05-000 **BASE PRICE \$874.00**

+ - CUSTOMIZE IT!

Choose your axle:

- 1 3/4" x 51" standard axle *included*
- 1 3/4" x 53" standard axle *included*
- 1 3/4" x 53" universal axle *included*
- 1 3/4" x 53" fully spined axle *included*
- 1 3/4" x 55" standard axle **\$20.00**
- 1 3/4" x 55" universal axle **\$20.00**
- make it black anodized axle **\$20.00**

Choose your wheel centers:

- HBS wheel centers *included*
- 4-bolt hubs **\$40.00**

Choose two bearing carriers:

- Select two bearing carriers *included*
- Add Jacob's Jacker option **\$120.00**

Choose your brake hub:

- 6-bolt brake hub *included*
- 4-bolt brake hub for 8" or 9 1/4" rotor *included*

Choose your spacers:

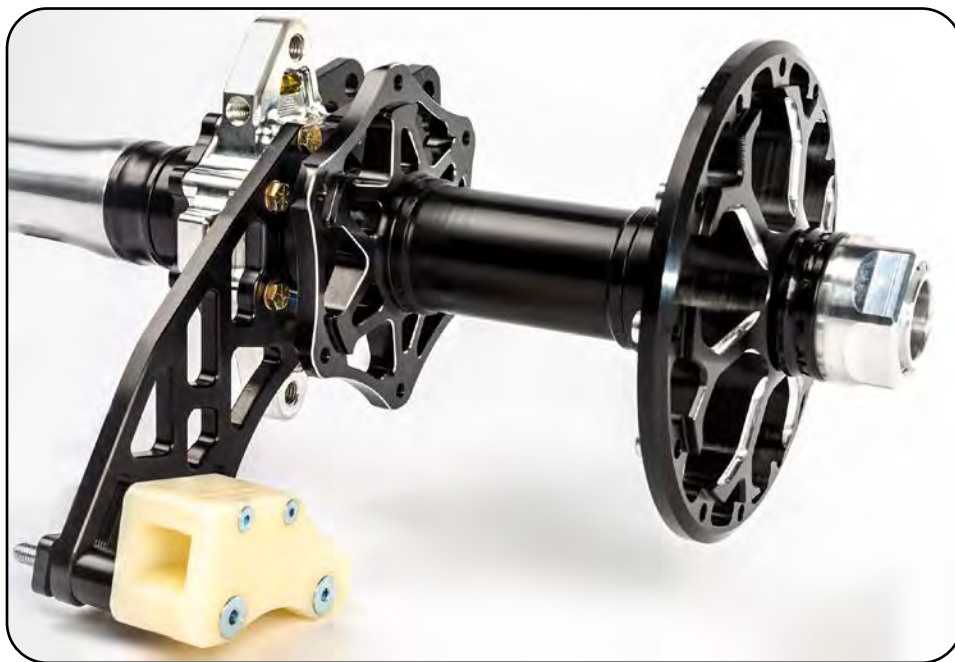
- standard spacers *included*
- double tapered spacers **\$49.00**

Brake Floater:

- Add brake floater **\$134.00**

Choose your brake rotor:

- 8" rotor for 4-bolt hub *included*
- 9 1/4" rotor for 4-bolt or 6-bolt hub *included*



BEARING CARRIER X7LCS ON 1 3/4" AXLE

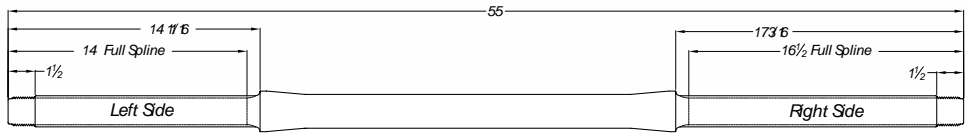
CHASSIS KITS
 REAR END
 FRONT END
 PANHARD/W-LINK
 SPROCKETS/CHAIN
 STEERING/RODS/ENDS
 TIRES/WHEELS
 BRAKES/THROTTLE
 SHIFTER
 SHOCKS/TORSION
 SEATS/BELTS
 WING/ENG MOUNT
 BUMPER/BODY
 HARDWARE/TABS/TI
 COOLING
 FUEL DELIVERY
 INJECTION/600 ENGINE
 270 ENGINE

1 3/4" Splined Rear Axles are CNC machined 7075 T-6 aluminum. 27 splines. Black anodized or mill finish.



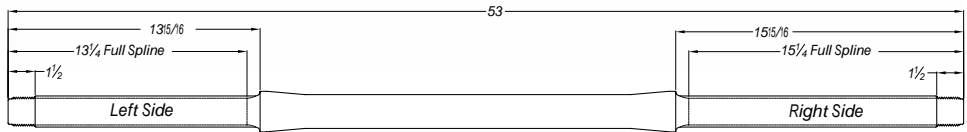
1 3/4" x 55" Standard Splined Rear Axle
05-1018 **\$339.00**

1 3/4" x 55" Standard Splined Rear Axle
05-1018-BLACK **\$359.00**



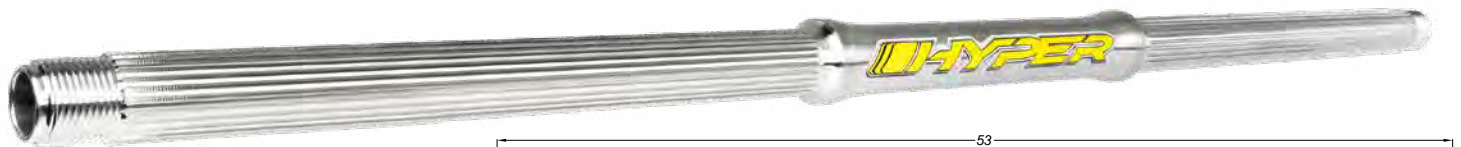
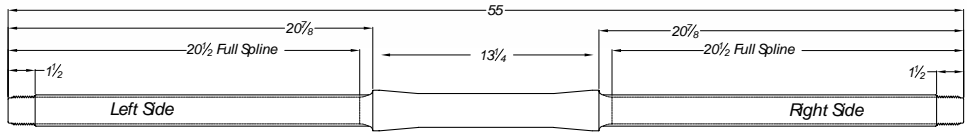
1 3/4" x 53" Standard Splined Rear Axle
05-1012 **\$323.00**

1 3/4" x 53" Standard Splined Rear Axle
05-1012-BLACK **\$343.00**



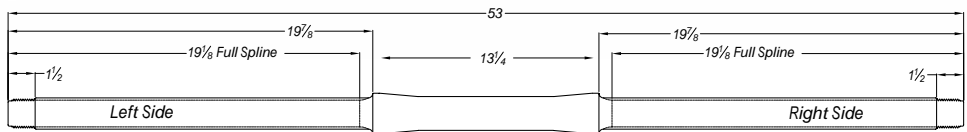
1 3/4" x 55" Universal Splined Rear Axle
05-1019 **\$339.00**

1 3/4" x 55" Universal Splined Rear Axle
05-1019-BLACK **\$359.00**



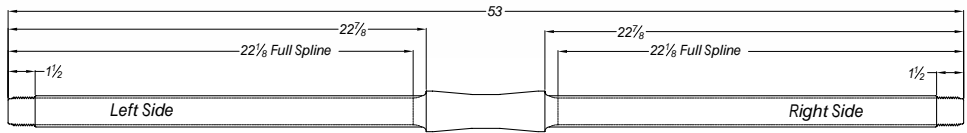
1 3/4" x 53" Universal Splined Rear Axle
05-1015 **\$323.00**

1 3/4" x 53" Universal Splined Rear Axle
05-1015-BLACK **\$343.00**



1 3/4" x 53" Fully Splined Rear Axle
05-1017 **\$323.00**

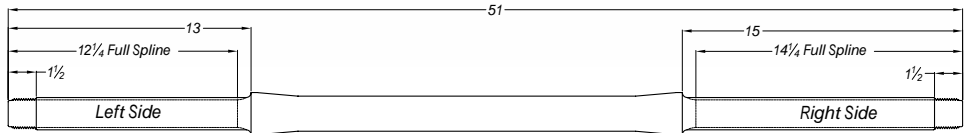
1 3/4" x 53" Fully Splined Rear Axle
05-1017-BLACK **\$343.00**



1 3/4" x 51" Standard Splined Rear Axle
 Fits 270cc Chassis.

05-1013 **\$323.00**

05-1013-BLACK **\$343.00**



CHASSIS
 KITS
 REAR END
 FRONT END
 PANHARD/
 W-LINK
 SPROCKETS/
 CHAIN
 STEERING/
 RODS/ENDS
 TIRES/
 WHEELS
 BRAKES/
 THROTTLE
 SHIFTER
 SHOCKS/
 TORSION
 SEATS/
 BELTS
 WING/
 ENG MOUNT
 BUNNERS/
 BODY
 HARDWARE/
 TABS/IT
 COOLING
 FUEL
 DELIVERY
 INJECTION/
 600 ENGINE
 270 ENGINE

Hyper Racing's Jacob's Jacker allows the driver to overcome missed set-up or adapt to changing track conditions with remote cockpit adjustment of the Jacob's Ladder roll center. Available for wishbone and z-link style rear configurations.

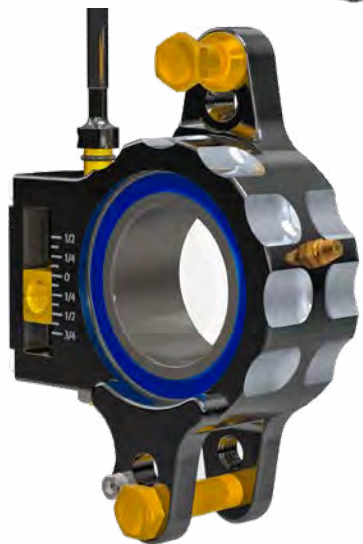
Designed to use a CSI shock cable (sold separately) or other cables with an adapter pin, and a 7/16" rod end with 3/8" hole, #71-PMX6-7.



CSI SHOCK CABLES FOUND ON PAGE 80.

JACOB'S JACKER BEARING CARRIERS, WISHBONE

1 3/4" Axle, Long Wheelbase		
Standard, No Brake Mount	05-12501	\$239.00
9 1/4" 4-Piston Brake Mount	05-12503	\$239.00
1 3/4" Axle, Short Wheelbase		
No Brake Mount	05-12511	\$249.00
9 1/4" 2-Piston Brake Mount	05-12512	\$249.00
9 1/4" 4-Piston Brake Mount	05-12513	\$249.00
8" 2-Piston Brake Mount	05-12514	\$249.00
2" Axle, Long Wheelbase		
No Brake Mount	06-12501	\$239.00
9 1/4" 4-Piston Brake Mount	06-12503	\$239.00
2" Axle, Short Wheelbase		
No Brake Mount	06-12511	\$249.00
9 1/4" 2-Piston Brake Mount	06-12512	\$249.00
9 1/4" 4-Piston Brake Mount	06-12513	\$249.00
8" 2-Piston Brake Mount	06-12514	\$249.00



Fits Z-link style rear configuration on Pace, PMP, D1, CS9, Triple X, Farrell and many other brands. Features dual mounting position with 4 1/2", 5", and 5 1/2" spread. The 5 1/2" spread measures 2 3/4" from center of rear axle.



JACOB'S JACKER ON THE X7.

shop talk

bearing carriers

- CNC machined
- include bearing and snap ring
- 6" control arm mount distance
- holds double bearing
- wishbone styles include levels and grease fittings
- right side bearing carriers include angled control arm holes to prevent binding.
- newer bearing carriers use hex head cap screws while older ones use flat head cap screws.

know the code

x7 bearing carriers
Last digit of part number:

S=short wheel base, rear axle forward position
L=long wheel base, standard rear axle position
J=Jacob's ladder only

JACOB'S JACKER BEARING CARRIERS, Z-LINK

Z-Link		
1 3/4" Axle	05-199	\$244.00
2" Axle	06-199	\$244.00



Jacob's Jacker Adjuster Knob
6AL4V titanium knob can be used to adjust the Jacob's Jacker when an in-cockpit adjuster cable is not allowed.

05-325 \$6.00



3/8" x 7/16"-20 Heavy Duty Male Right Hand Rod End
71-PMX6-7 \$15.95

WISHBONE X7 LONG SHACKLE

- *Change ride heights without adding turns to the torsion arms, keeping torsion arm angles constant.*
- *Longer shackle allows greater misalignment angle*
- *Choice of plates based on long or short wheelbase. Standard (long) wheel base-same as standard X4/X6 and short wheel base for added forward drive.*
- *X7 long shackle bearing carriers are compatible with X4 and X6.*



Bearing Carrier X7LCS
Fits left side panhard or Jacob's ladder. Choose short or standard (long) wheel base. Specify 1/2", 1", 1 1/4", 1 1/2" chain guide spacers.

06-1205S	2"	\$199.00
05-1205S	1 3/4"	\$199.00
06-1205L	2"	\$199.00
05-1205L	1 3/4"	\$199.00
05-1248S	1 3/4" X7 270	\$199.00
05-1248L	1 3/4" X7 270	\$199.00



Bearing Carrier X7LCL
Fits left side Jacob's ladder. Choose short or standard (long) wheel base. Specify 1/2", 1", 1 1/4", 1 1/2" chain guide spacers.

06-1204S	2"	\$199.00
05-1204S	1 3/4"	\$199.00
06-1204L	2"	\$199.00
05-1204L	1 3/4"	\$199.00



Bearing Carrier X7RJL
Fits right side Jacob's ladder, long wheel base, brake floater.

06-1253L	2"	\$154.00
05-1253L	1 3/4"	\$154.00



Bearing Carrier X7RJB4S
Fits right side Jacob's ladder, 3 1/4" brake mount for 4-piston caliper, short wheel base.

06-1252S	2"	\$154.00
05-1252S	1 3/4"	\$154.00

Bearing Carrier X7RJBS
Fits right side Jacob's ladder, 3 1/4" brake mount for 2-piston caliper, short wheel base.

06-1254S	2"	\$154.00
05-1254S	1 3/4"	\$154.00



Bearing Carrier X7RPB4S
Fits right side panhard bar, 3 1/2" brake mount for 4-piston caliper, short wheel base.

06-1255S	2"	\$154.00
05-1255S	1 3/4"	\$154.00

Bearing Carrier X7RPBS
Fits right side panhard bar, 3 1/4" brake mount for 2-piston caliper, short wheel base.

06-1256S	2"	\$154.00
05-1256S	1 3/4"	\$154.00



Bearing Carrier X7RJS
Fits right side Jacob's ladder, short wheel base, brake floater.

06-1253S	2"	\$154.00
05-1253S	1 3/4"	\$154.00



Bearing Carrier X7RPB4L
Fits right side panhard bar, 3 1/2" brake mount for 4-piston caliper, long wheel base.

06-1255L	2"	\$154.00
05-1255L	1 3/4"	\$154.00

Bearing Carrier X7RPBL
Fits right side panhard bar, 3 1/4" brake mount for 2-piston caliper, long wheel base.

06-1256L	2"	\$154.00
05-1256L	1 3/4"	\$154.00



Bearing Carrier X7RJB4L
Fits right side Jacob's ladder, 3 1/2" brake mount for 4-piston caliper, long wheel base.

06-1252L	2"	\$154.00
05-1252L	1 3/4"	\$154.00

Bearing Carrier X7RJBL
Fits right side Jacob's ladder, 3 1/4" brake mount for 2-piston caliper, long wheel base.

06-1254L	2"	\$154.00
05-1254L	1 3/4"	\$154.00



Bearing Carrier X7RJ8BS
Fits right side Jacob's ladder, with brake mounts for 8" rotor, short wheel base, 270cc chassis.

05-1258S	\$154.00
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Bearing Carrier X7RJ8BL
Fits right side Jacob's ladder, with brake mounts for 8" rotor, long wheel base, 270cc chassis.

05-1258L	\$154.00
-----------------	-----------------



Bearing Carrier X7RP8BS
Fits right side panhard bar, with brake mounts for 8" rotor, short wheel base, 270cc chassis.

05-1257S	\$154.00
-----------------	-----------------



Bearing Carrier X7RP8BL
Fits right side panhard bar, with brake mounts for 8" rotor, long wheel base, 270cc chassis.

05-1257L	\$154.00
-----------------	-----------------

WISHBONE SHORT SHACKLE

• Original equipment on our X4/X6 Hyper Chassis.



Bearing Carrier LC
Specify 1/2", 1" 1/4", 1 1/2" spacers for chain guide block.

06-1131	2"	\$199.00
05-1126	1 3/4"	\$199.00
06-1131J	2"	\$199.00
05-1126J	1 3/4"	\$199.00



Bearing Carrier TR9
3/4" caliper spacing.

06-1128	2"	\$154.00
05-1128	1 3/4"	\$154.00

"The unmatched quality, technical support, knowledge and customer service from the staff at Hyper Racing has led me to over 100 victories in their cars. They have developed a winning combination that cannot be denied, and I'm proud to be a part of Team Hyper!"

DUSTY YOUNG

BENTON, AR



Bearing Carrier TRJX6
Fits X6 Jacob's ladder, right.

06-1127	2"	\$154.00
05-1125	1 3/4"	\$154.00



Bearing Carrier TL
Fits X6 Jacob's ladder, on left without chain guide.

06-1130	2"	\$154.00
05-1130	1 3/4"	\$154.00



1 3/4" Bearing Carrier TR8
8" brake mount, angled control arm holes.

05-1129	\$154.00
---------	----------



DayLube™ NanoCeramic Racing Grease, 16 oz. Tube
77-800 \$54.00

Z-LINK

- Also called trailing arm
- 4 1/2", 5" and 5 1/2" spread fits many different chassis brands
- Shown with optional titanium bolts. Top titanium rod end spacer is standard on left side carriers.



Bearing Carrier TLZC
Fits z-link, left, with chain guide plate. Specify 1/2", 1" 1/4", 1 1/2" spacers for chain guide block.

06-205	2"	\$215.00
05-205	1 3/4"	\$215.00



Bearing Carrier TLZ
Fits z-link, left.

06-210	2"	\$154.00
05-210	1 3/4"	\$154.00



Bearing Carrier TRZ
Fits z-link, right.

06-200	2"	\$154.00
05-200	1 3/4"	\$154.00



Bearing Carrier TRZ9
Fits z-link, right.

05-201	1 3/4"	\$154.00
--------	--------	----------

shop talk

bearing carriers

- CNC machined
- include bearing and snap ring
- 6" control arm mount distance
- holds double bearing
- wishbone styles include levels and grease fittings
- right side bearing carriers include angled control arm holes to prevent binding.
- newer bearing carriers use hex head cap screws while older ones use flat head cap screws.



KENNY MILLER III
ACTION TRACK USA

COIL OVER



Bearing Carrier E2 (Torsion)
8" brake and shock mounts.
05-1122 1 3/4" \$154.00



Bearing Carrier A3 (Coil Over)
3" drop shock, 2 panhard mounts.
05-1143 1 3/4" \$154.00
06-1143 2" \$154.00



Bearing Carrier H2 (Coil Over)
8" brake mount, angled control arm holes.
05-1092 1 3/4" \$154.00



Bearing Carrier B2 (Coil Over)
Shock and 8" brake mounts.
05-1152 1 3/4" \$154.00



Bearing Carrier H4 (Coil Over)
9 1/4" brake mount, angled control arm holes, 3" drop shock mount.
05-1094 1 3/4" \$154.00
06-1094 2" \$154.00



Bearing Carrier B3 (Coil Over)
3" drop shock, 8" brake mounts.
05-1153 1 3/4" \$154.00



Bearing Carrier A2 (Coil Over)
Shock and panhard mounts. Panhard clevis sold separately.
05-1142 1 3/4" \$154.00



Bearing Carrier A4 (Coil Over)
Fits left rear of the Asphalt 600. Control arm mount 6", 4 holes for panhard mount.
05-1143-2 1 3/4" \$154.00
06-1143-2 2" \$154.00



Bearing Carrier H3 (Coil Over)
8" brake mount, angled control arm holes, 3" drop shock mount.
05-1093 1 3/4" \$154.00

shop talk
maintenance tip
Grease bearings before first use with 74-332 Champion Poly-7 Red, Tacky High Temp Lithium Grease or DayLube.

know the code
x7 bearing carriers
Last digit of part number:
S=short wheel base, rear axle forward position
L=long wheel base, standard rear axle position
J=Jacob's ladder only

shop talk
like, follow, subscribe
@Hyper Racing
@GoHyper Racing
@hyperracing44
@Hyper Racing44



WE RACE WHAT WE SELL, SO WE CAN SUPPORT YOU!

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/T
COOLING
FILE DELIVERY
INJECTION/600 ENGINE
270 ENGINE

BEARING CARRIER PLATES/CENTERS

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



Bearing Carrier Center TLJ
Left side, Jacob's ladder, wishbone.
05-1130ATLJ \$117.00



Bearing Carrier Center TR
Right side, wishbone.
05-1130ATR \$117.00



Bearing Carrier Center TL
Left side, panhard, wishbone.
05-1130ATL \$117.00



Bubble Level
05-165 \$5.25



X7 Plate, 8" Rotor, 3/4" Brake Mount for Dynalite 2-Piston Caliper, Short Wheel Base
05-1133E8S \$22.50

X7 Plate, 8" Rotor, 3/4" Brake Mount for Dynalite 2-Piston Caliper, Long Wheel Base
05-1133E8L \$22.50



X7 Plate, 9/4" Rotor, 3/4" Brake Mount for Dynalite 2-Piston Caliper, Short Wheel Base
05-1133E9S \$22.50

X7 Plate, 9/4" Rotor, 3/4" Brake Mount for Dynalite 2-Piston Caliper, Long Wheel Base
05-1133E9L \$22.50



X7 Plate, 9/4" Rotor, 3/2" Brake Mount for GP-320 4-Piston Caliper, Short Wheel Base
05-1133S9S \$22.50

X7 Plate, 9/4" Rotor, 3/2" Brake Mount for GP-320 4-Piston Caliper, Long Wheel Base
05-1133S9L \$22.50



X7 Plate, Jacob's Ladder, Short Wheel Base
05-1134S \$22.50

X7 Plate, Jacob's Ladder, Long Wheel Base
05-1134L \$22.50



X7 Plate, Threaded, Short Wheel Base
05-1135S \$22.50

X7 Plate, Threaded, Long Wheel Base
05-1135L \$22.50

X7 Plate, Non-threaded, Short Wheel Base
05-1136S \$22.50

X7 Plate, Non-threaded, Long Wheel Base
05-1136L \$22.50



X7 Plate, TLC, Chain Guide, Short Wheel Base, 45-58 Sprockets
05-11302S \$39.95

X7 Plate, TLC, Chain Guide, Long Wheel Base, 45-58 Sprockets
05-11302L \$39.95

X7 Plate, 270cc, TLC, Chain Guide, Short Wheel Base, 33-48 Sprockets
05-11303S \$39.95

X7 Plate, 270cc, TLC, Chain Guide, Long Wheel Base, 33-48 Sprockets
05-11303L \$39.95



Bearing Carrier Plate for TRJX6,
05-1130J \$21.50



Bearing Carrier Plate for TR9 9/4" rotor, 3/4" brake mount.
05-1130E \$21.00

Bearing Carrier Plate for TR9 9/4" rotor, 3/4" brake mount.
05-1130R \$21.00

Bearing Carrier Plate for TR9 9/4" rotor, 3/2" brake mount for GP320 4-piston caliper.
05-1130S \$21.00



Bearing Carrier Plate for TR8, 8" Rotor
05-1130D \$20.00



Bearing Carrier Plate, Threaded Fits TR8, TR9, TL, & TLC bearing carriers. Features threaded holes.
05-1130C \$19.00



Bearing Carrier Plate for TL
05-1130F \$19.00

Bearing Carrier Plate for TL on X5 Fits TLC on the panhard X5.
05-1130F-2 \$19.00



TLC Chain Guide Plate
05-11301 \$39.95

TLC Chain Guide Plate for X5
05-11301-2 \$39.95



TLZ-2 Chain Guide Plate Fits TLZC bearing carrier.
05-216 \$26.00



TLZ Chain Guide Plate Fits older TLZC bearing carrier.
05-215 \$22.00



GREASE FITTINGS

- 1/4"-28 Grease Fitting 01-132 \$1.00
- 1/4"-28 Grease Fitting, 45 degree 01-1325 \$1.99

Bearing Carrier Bolt Kits fit our X7 bearing carriers. Titanium Kits contain (8) specially made 6AL4V highest quality titanium bolts with flange (no washer needed).



Titanium Bearing Carrier Bolt Kit, X7, Jacob's Ladder
(8) 1/4"-20 x 2 1/8" Ti flanged bolts.
05-129 \$47.00

Titanium Bearing Carrier Bolt Kit, X7, No Jacob's Ladder
(8) 1/4"-20x1 5/16" Ti flanged bolts.
05-1291 \$44.00



Bearing Carrier Bolt Kit, X7, Jacob's Ladder
Contains (8) 1/4"-20 x 2" long bolts with washers.
05-800 \$8.00

Bearing Carrier Bolt Kit, X7, No Jacob's Ladder
Contains (8) 1/4"-20 x 2 1/4" long bolts with washers.
05-801 \$8.00

Bearing Carrier Bolt
Fastens plate to bearing carrier. Use the longer 1/4"-20 x 2 1/4" bolts on the Jacob's ladder plates.
971-04-20-2.00 \$8.5
971-04-20-2.25 \$9.5



Shackle Assemblies include shackle rod, two 4130 high strength rod ends and jam nuts. For center to center distance between rod end holes add 2" to the rod length.

Shackle Assembly		
03-020-1	2" ROD/4"	\$19.95
03-025-1	2.5" ROD/4.5"	\$19.95
03-030-1	3" ROD/5"	\$19.95
03-035-1	3.5" ROD/5.5"	\$19.95
03-040-1	4" ROD/6"	\$19.95



3/4" x 7/16" Thread Shackle Rod for Rear Torsion Arm
Black anodized rod connects two 7/16" rod ends with jam nuts together to make the rear shackles. Note: On 2" rod, cut 1/4" off each rod end so rod ends thread in far enough.

03-020	2" LONG	\$9.25
03-025	2.5" LONG	\$9.25
03-030	3" LONG	\$9.25
03-035	3.5" LONG	\$9.25
03-040	4" LONG	\$9.75

? know the code

shackle rod lengths

Measurements below refer to shackle rod lengths.
 X7 wingless left rear: 3"
 X7 wingless right rear: 2.5"
 X7 winged left rear: 4"
 X7 winged right rear: 3"
 X7 winged right rear (dry slick): 3.5" or 4"
 X4-X6 left rear: 2"
 X4-X6 right rear: no rod *
 *connect 71-CMR7 and 71-CFR7 male and female rod ends with 70-325 jam nut.

? know the code

shackle rod lengths

Torsion arm angle is a function of shackle length in combination with bearing carrier plate and use or non-use of torsion standoff. Approximately 1/2" to 1" difference in length between the left rear shackle and the right rear shackle is recommended for proper torsion arm angle.

For Hyper X7: Use the 40-400 Torsion Standoff with the shackle to get the arm angles and the chassis height correct. Mount the shackle in the middle hole of the X7 bearing carrier plate for normal track conditions.

Why Longer Shackles?

Front to back shackle angle has an effect on spring rate. A greater angle equates to less spring rate. The X7 shackles are longer allowing for greater front to back misalignment between the torsion arm and the bearing carrier with minimal angle change to the shackle. This reduction in angle equates to a more consistent handling chassis.

? know the code

x7 bearing carriers

Last digit of part number:
S=short wheel base, rear axle forward position
L=long wheel base, standard rear axle position
J=Jacob's ladder only

Shackle Pin connects shackle to bearing carrier plates enabling rear torsion arms to be disconnected for quick bar maintenance. Includes rue clip.



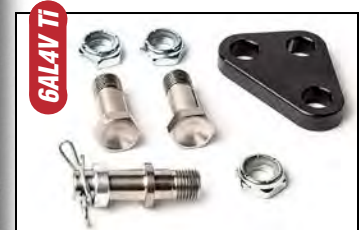
7/16" O.D. x 2 1/4" Pin for Rear Shackle, Titanium (each)
04-624TI \$9.99



7/16" O.D. x 2 1/4" Pin for Rear Shackle, (each)
04-624 \$2.95



Rue Clip for 7/16" Shackle Pin 072" wire diameter, zinc plated.
04-6242 \$1.00



Torsion Arm Standoff Kit, Titanium Pin, Bolts
40-402 \$28.00

? know the code

shackle pin height

Raising the shackle pin up one hole on the bearing carrier plate is equivalent to adding 1 turn on the torsion stop. It will raise the car 1/2" on that corner.

TORSION ARMS & STOPS ARE FOUND ON PAGE 86

CHASSIS
REAR END
FRONT END
PAN/ARD/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG MOUNT
BUMPER/
BODY
HARDWARE/
TABS/T
COOLING
FILE/
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

Chain Guide Blocks fit our bearing carriers. New design reduces chain skipping by increasing the lead-in angle.



Guide Block, 520 Chain, 600cc
08-700 \$36.00

Guide Block, 530 Chain, 1000cc
08-701 \$39.00



CHAIN GUIDE BLOCK SPACERS

1/8" Spacers (pair) 08-729 \$6.50

5/16" Spacers (pair) 08-728 \$6.50

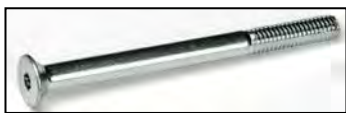
1/2" Spacers (pair) 08-727 \$6.50

3/4" Spacers (pair) 08-726 \$7.95

1" Spacers (pair) 08-720 \$7.95

1 1/4" Spacers (pair) 08-722 \$7.95

1 1/2" Spacers (pair) 08-725 \$7.95



CHAIN GUIDE BLOCK BOLTS

5/16"-18 x 2" 973-05-18-2.00 \$1.39

5/16"-18 x 2.5" 973-05-18-2.50 \$1.39

5/16"-18 x 3" 973-05-18-3.00 \$1.39

5/16"-18 x 3.5" 973-05-18-3.50 \$1.95

5/16"-18 x 4" 973-05-18-4.00 \$2.09

5/16" Hard Flat Washers 4/pk 975-05-HARDFW4 \$1.40



Chain Guide Nut Bar
08-719 \$8.50



Panhard Bar Clevis
04-162 \$15.95



**WATCH:
FR85
TREATMENT
VIDEO**

RF85 is a treatment that embeds calcium into the molecules of the bearing metal surface. The result is 85% less friction for greater durability and extended life.

Since RF85 is a treatment and not a coating, it becomes part of the metal and wears with the metal. It does not wear off like a coating. RF85 holds up far better than ceramic because if grit gets in a ceramic bearing, the balls are destroyed.

DAYLube™ Nanoceramic Racing Grease is highly recommended for the RF85 Bearing since it does not fling off and is compatible with the treatment.



1 1/4" RF85 Double Wide Bearing
05-120 \$106.00

2" RF85 Double Wide Bearing
06-119 \$114.00



2" Splined RF85 Double Wide Bearing, 31 Spline
06-120 \$120.00



1 1/4" Angular Contact Bearing
Fits double bearing carriers, with grease groove.
05-118 \$39.00

2" Angular Contact Bearing
Fits double bearing carriers, with grease groove.
06-116 \$39.00



1 1/4" Bearing
Fits older single bearing carriers and brake floater.
05-116 \$19.00



Snap Ring for Double Bearing Carriers
05-1615 \$7.85



Snap Ring for Single Bearing Carriers
05-161 \$8.45



2" Splined Bearing Reducer
06-114 \$23.50



1 1/4" Splined Reducer for Double Bearing
05-131 \$19.95



1 1/4" Splined Reducer for Bearing
05-130 \$19.95



Champion Poly-7 Red Grease
74-332 \$6.85

DayLube™ NanoCeramic Racing Grease, 16 oz. Tube
77-800 16 OZ TUBE \$54.00

77-805 1 OZ SYRINGE \$19.95



shop talk

splined bearings

These bearings are splined in the center so you do not need to use a bearing reducer.

shop talk

maintenance tip

Grease bearings before the first use with 74-332 Champion Poly-7 Red, Tacky High Temp Lithium Grease or DayLube.

2" Axle Nuts have a 2.25" hex.



2" Splined Axle Nut, Right Thread
06-132 **\$29.00**

2" Splined Axle Nut, Left Thread
06-134 **\$29.00**



2" INNER AXLE SPACERS

1/8" x 2" Inner	061-0125	\$5.50
1/4" x 2" Inner	061-025	\$5.90
1/2" x 2" Inner	061-050	\$6.50
1" x 2" Inner	061-100	\$8.50
1 1/2" x 2" Inner	061-150	\$9.50
3" x 2" Inner	061-300	\$12.90
3 1/2" x 2" Inner	061-350	\$16.90



2" OUTER AXLE SPACERS

1/2" x 2" Outer	062-050	\$19.50
1" x 2" Outer	062-100	\$21.95
1 1/2" x 2" Outer	062-150	\$22.95
2" x 2" Outer	062-200	\$22.95
2 1/2" x 2" Outer	062-250	\$22.95
3 1/2" x 2" Outer	062-350	\$22.95



Rear Axle Safety Pin
Drill a hole in the end of the axle, then use this pin to secure axle nut.
05-999 **\$1.50**



1 3/4" Rear Axle Flat Spacer Kit
Choose axle size. Black anodized.
1 3/4" axle kit includes (2) 1/8", (4) 1/4", (3) 1/2", (1) 3/4", and (1) 1" spacers.
2" axle kit includes (2) 1/8", (5) 1/4", (4) 1/2", and (1) 1" spacers.
055-0000 **FOR 1 3/4" AXLE** **\$59.00**
055-0000 **FOR 2" AXLE** **\$107.00**



One Piece Wheel Wrench for 2" Axle
2.25" hex.
06-800 **\$156.00**

One Piece Wheel Wrench for 1 3/4" Axle, 05-Series Nuts
1" pilot shaft, 1.9" hex.
05-138 **\$156.00**

One Piece Wheel Wrench for 1 3/4" Axle, 054-Series Nuts
7/8" pilot shaft, 2.0" hex.
05-139 **\$156.00**

1 3/4" Unsplined Rear Axle Spacers have a flat face, no taper. Inside diameter is unsplined. Use with 05-series axle nuts and 30° tapered end spacer.



1 3/4" UNSPLINED AXLE SPACERS

1/8" Axle Spacer	055-0125	\$4.90
1/4" Axle Spacer	055-0250	\$5.50
1/2" Axle Spacer	055-0500	\$6.40
3/4" Axle Spacer	055-0750	\$6.90
1" Axle Spacer	055-1000	\$7.50
2" Axle Spacer	055-2000	\$8.99
2 1/2" Axle Spacer	055-2500	\$8.99
3" Axle Spacer	055-3000	\$10.99
3.5" Axle Spacer	055-3500	\$11.99
4" Axle Spacer	055-4000	\$12.99
5" Axle Spacer	055-5000	\$13.50



1 3/4" Axle Spacer Material (per ft)
Material is mill finish.
05-153 **\$25.00**



Radiused Shoulder Axle Spacers fit against axle shoulder.

1 3/4" Splined 3/4" Radiused Spacer
055-0751 **\$6.90**

1 3/4" Splined 1" Radiused Spacer
055-1001 **\$7.50**



05-series Axle Nuts have a 1.9" hex and fit 1 3/4" axle.

1 3/4" Axle Nut, Right Hand Thread
05-132 **\$24.00**

1 3/4" Axle Nut, Left Hand Thread
05-134 **\$24.00**



Splined 5/8" x 30° Tapered End Spacer
05-155 **\$16.50**



054-series Axle Nuts have a 2" hex and fit many other brand's 1 3/4" axle. Requires splined tapered spacers between the nut and the wheel center.

1 3/4" Axle Nut, Right Hand Thread, Inverted Taper
054-0001 **\$24.00**

1 3/4" Axle Nut, Left Hand Thread, Inverted Taper
054-0002 **\$24.00**

1 3/4" Splined Double Tapered Rear Axle Spacers are for use with 054-series axle nuts.



1 3/4" SPLINED DOUBLE TAPERED AXLE SPACERS

1/2" Axle Spacer	054-0500	\$17.50
3/4" Axle Spacer	054-0750	\$17.50
1 3/4" Axle Spacer	054-1750	\$18.50

HBS Wheel Centers are all about style with black anodizing and post machining. Just so happens they're forged aluminum to be both lightweight and strong. Improved design provides even more strength where you need it.

Sprocket Carrier/Brake Hub has six 1/4"-28 or 5/16"-18 threaded holes on a 5 1/4" bolt circle. Improved design provides even more strength where you need it.



- 2" HBS Splined Wheel Center, Rear**
25-605 **\$94.00**
- 1 1/4" HBS Splined Wheel Center, Rear**
25-528 **\$89.00**

- 2" Sprocket Carrier/ Brake Hub**
Uses 1/4" bolts, not included.
06-300 **\$75.50**
- 2" Sprocket Carrier**
Uses 5/16" bolts, not included.
06-302 **\$75.50**
- 1 1/4" Splined Sprocket Carrier/6-Bolt Brake Hub**
05-102 **\$75.00**



- Keizer 1 1/4" Splined Wheel Center, Rear**
841-800 **\$89.00**
- Keizer 2" Splined Wheel Center, Rear**
841-801 **\$97.00**

Titanium Bolt Kit for Deluxe Wheel Center
Includes (12) 1/4"-20 x 7/8" titanium with flange so no washer is needed. Used on all rear HBS wheel centers.
25-5065TI **\$43.50**



Sprocket Carrier Bolt Kit fastens carrier to sprocket when using chain guide assembly. Contains 6 bolts and 6 nuts.



- Sprocket Bolt Kit, 1/4"**
08-760 **\$5.75**
- Sprocket Bolt Kit, 5/16"**
08-761 **\$5.75**

1 1/4" Splined 4-Bolt Brake Hub
Four 5/16"-18 threaded holes on a 3" bolt circle diameter.
05-107 **\$49.50**



1 1/4" Rear Wheel Hub, Four Bolt, Splined
Includes studs. 1/2"-20 nuts sold separately. 4" bolt circle diameter.
05-108 **\$89.00**

HBS Rear Center Bolt Kit
Fits HBS centers. Bolts one wheel center to the two wheel halves. Includes 1/4"-20 x 1" grade 8 bolts and 1/4" washers.
25-5065 **\$4.95**



Wheel Center Gasket
Seals wheel halves to wheel center without the use of silicone.
852-572 **\$3.75**



Flash Drive T-Shirt, Black
43-200 SPECIFY SIZE **\$18.00**

- Lug Nuts, (pack of 4)**
25-131 1/2"-20 **\$5.80**
- Self Clinching 1/4"-20 Nut**
Fits HBS and deluxe wheel centers and Weld bead locks.
25-550 **\$1.09**

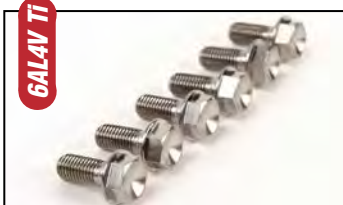
New V2 Brake Rotor design makes working on the X7 Jacob's ladder car easier with strategically located holes to enable removal of shackle pin no matter what wheelbase or pin location is used. Allows access to use a socket to remove brake caliper bolts. Available in lightweight steel or titanium. Fits 1 3/4" or 2" splined rear axle on 6-bolt sprocket carrier 05-102 or 06-300.



9 1/4" x 1 1/4"
Lightweight Steel Brake Rotor V2
 06-1421 \$34.50



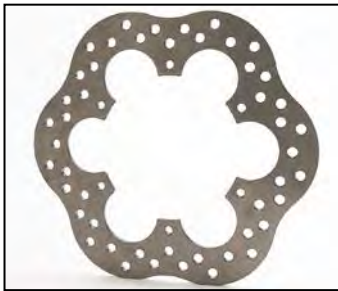
9 1/4" x 1 1/4" **Titanium Brake Rotor**
 Weighs in at almost a full pound lighter than its steel counterpart. Use with brake pad 36-306.
 06-1421TI \$349.00



Brake Rotor Bolt Kit, Titanium
 Contains (6) 1/4"-28 x 5/8" bolts with flange. No washer needed.
 06-1437TI \$19.00



6-Bolt Brake Rotor Bolt Kit
 Includes (6) 1/4"-28 x 5/8" Grade 8 bolts.
 06-143 \$4.40



Lightweight Steel Brake Rotor
 9 1/4" x 3/16", 6-Bolt
 06-142 \$34.50



Lightweight Steel Brake Rotor
 7 7/8" x 3/16"
 04-1425 \$28.95



Lightweight Steel Brake Rotor
 9 1/4" x 3/16", 4-Bolt
 046-041 \$36.50



Lightweight Steel Brake Rotor
 10" x 1/4"
 046-142 \$23.50



MIKE DICELY'S "PREPARE TO WIN" SEMINAR IS PRESENTED IN-PERSON TO A STANDING ROOM ONLY CROWD AND TO THE WATCH ONLINE AUDIENCE.

shop talk

hyper pride

As of December 2020, Hyper Drivers racked up over **6,000** wins in the last 12 years! In 2019 alone, our drivers had **559** feature wins with **179** different winners and **38** point championships. Visit hyperracing.com and check out our complete **Feature Winners List** by year.

CHASSIS KITS

REAR END

FRONT END

PANHARD/W-LINK

SPROCKETS/CHAIN

STEERING/RODS/ENDS

TIRES/WHEELS

BRAKES/THROTTLE

SHIFTER

SHOCKS/TORSION

SEATS/BELTS

WING/ENG MOUNT

BUMPERS/BODY

HARDWARE/TABS/TI

COOLING

FUEL DELIVERY

INJECTION/600 ENGINE

270 ENGINE

BRAKE FLOATERS

Brake Floaters hold brake caliper inboard. Includes bearing and snap ring.



Brake Floater for 8" Rotor, Double Bearing
Caliper spacing is 3 3/4".

06-1063 2" AXLE \$114.00

05-1063 1 3/4" AXLE \$109.00

Brake Floater, 9 1/4" Rotor, Dynalite 2-Piston, Double Bearing
Caliper spacing is 3 3/4".

06-1061 2" AXLE \$114.00

05-1062 1 3/4" AXLE \$109.00



Brake Floater, 9 1/4" Rotor, GP320 4-Piston Caliper, Double Bearing
Caliper spacing is 3 1/2".

06-1064 2" AXLE \$114.00

05-1064 1 3/4" AXLE \$109.00



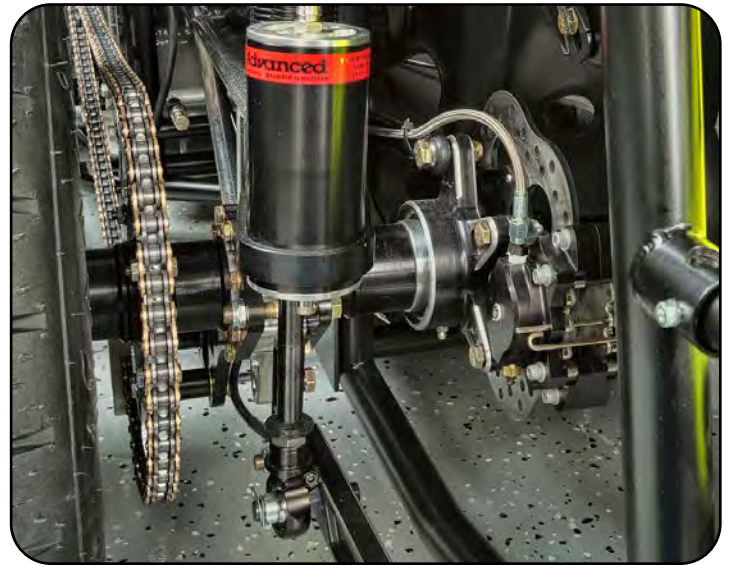
1 3/4" Brake Floater for 8" Rotor
Single bearing.

05-106 \$104.00



Champion Poly-7 Red Grease

74-332 \$6.85



BRAKE FLOATER SET-UP WITH INBOARD CALIPER ON X6 CHASSIS

shop talk

maintenance tip

Grease bearings before the first use with 74-332 Champion Poly-7 Red, Tacky High Temp Lithium Grease or DayLube.

KEYED REAR END AXLE COMPONENTS



HBS 4-Pin Center
Fits 4-bolt hubs. 1/2" thick, black anodized with post machining.
25-650 \$75.00



1/4" x 12" Keystick
04-080 \$6.75



Rear Wheel Hubs include studs and pinch bolt. 1/2"-20 nuts sold separately. 4" bolt circle diameter.

Rear Wheel Hub for 1 3/8" Axle
04-100 \$74.00

Rear Wheel Hub for 1 1/4" Axle
04-101 \$74.00



Lug Nuts, (pack of 4)
25-131 1/2"-20 \$5.80



Brake Hub for 1 3/8" Axle
04-140 \$54.75

Brake Hub for 1 1/4" Axle
04-141 \$57.00



1/4" Keyed Aluminum Collar
04-135 \$11.95



Sprocket Carrier for 1 3/8" Axle
04-105 \$74.00

Sprocket Carrier for 1 1/4" Axle
04-106 \$74.00

WANT MORE?
VISIT
HYPERRACING.COM
FOR MORE
PRODUCTS!



Rear Traction Bar controls the rear roll stiffness. Increasing the rear roll stiffness will make the chassis looser. Add this bar in combination with softer rear torsion bars. On slick tracks, adjust the bar out, resulting in a tighter car, and on wet tracks, adjust the bar in, making the car looser and more stable.

Rear Traction Bar Assembly
04-705 **\$355.00**

+ - CUSTOMIZE IT!
Remote Traction Bar Option \$49.00



Rear Traction Bar Non-Splined Arm, Straight
04-752 **\$32.50**



Rear Traction Bar Non-Splined Arm, Offset
04-751 **\$33.50**



Rear Traction Bar Splined Arm
04-751 **\$34.90**

Traction Bar Clamps fit 1/4" tube and frame member.



Rear Traction Bar Clamp, Right
04-738 **\$59.00**

Rear Traction Bar Clamp, Left
04-739 **\$59.00**



Front Traction Bar Splined Arm, Straight
04-751 **\$34.50**



Front Traction Bar Splined Arm, Offset
04-7511 **\$34.90**



Front Traction Bar Non-Splined Arm, Straight
04-753 **\$32.50**



Front Traction Bar Non-Splined Arm, Bent
04-7531 **\$33.50**



Front Traction Bar Clamp, Left
04-730 **\$59.00**

Front Traction Bar Clamp, Right
04-731 **\$59.00**



Front Traction Bar controls the front roll stiffness. Increasing the front roll stiffness makes the car tighter and more stable. On slick tracks, adjust the bar in, and on wet tracks, adjust the bar out.

Front Traction Bar Assembly
04-710 **\$355.00**

+ - CUSTOMIZE IT!
Remote Traction Bar Option \$49.00



Traction Bar U-Stop for 7/8" Bar
04-750 **\$27.50**



Traction Bar Tube, Aluminum
04-760 **\$28.00**



Traction Bar Bushing
40-226 **\$5.95**



TORSION BARS FOR TRACTION BAR

7/8" x 26" Solid Schroeder Bars

7/8" x 26" x .475	40-0475	\$95.99
7/8" x 26" x .500	40-0500	\$95.99
7/8" x 26" x .550	40-0550	\$95.99
7/8" x 26" x .575	40-0575	\$95.99
7/8" x 26" x .600	40-0600	\$95.99



Brake Caliper Spacer, 1/2"
95-600 **\$4.15**



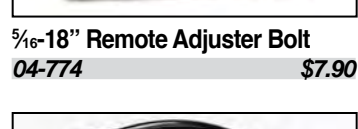
1 1/8" OD x 7/8" ID x 5/8" Spacer
04-775 **\$2.90**



1 1/8" OD x 7/8" ID x 1/4" Spacer
04-776 **\$2.90**



1 1/8" OD x 7/8" ID x 1/2" Spacer
04-777 **\$2.90**



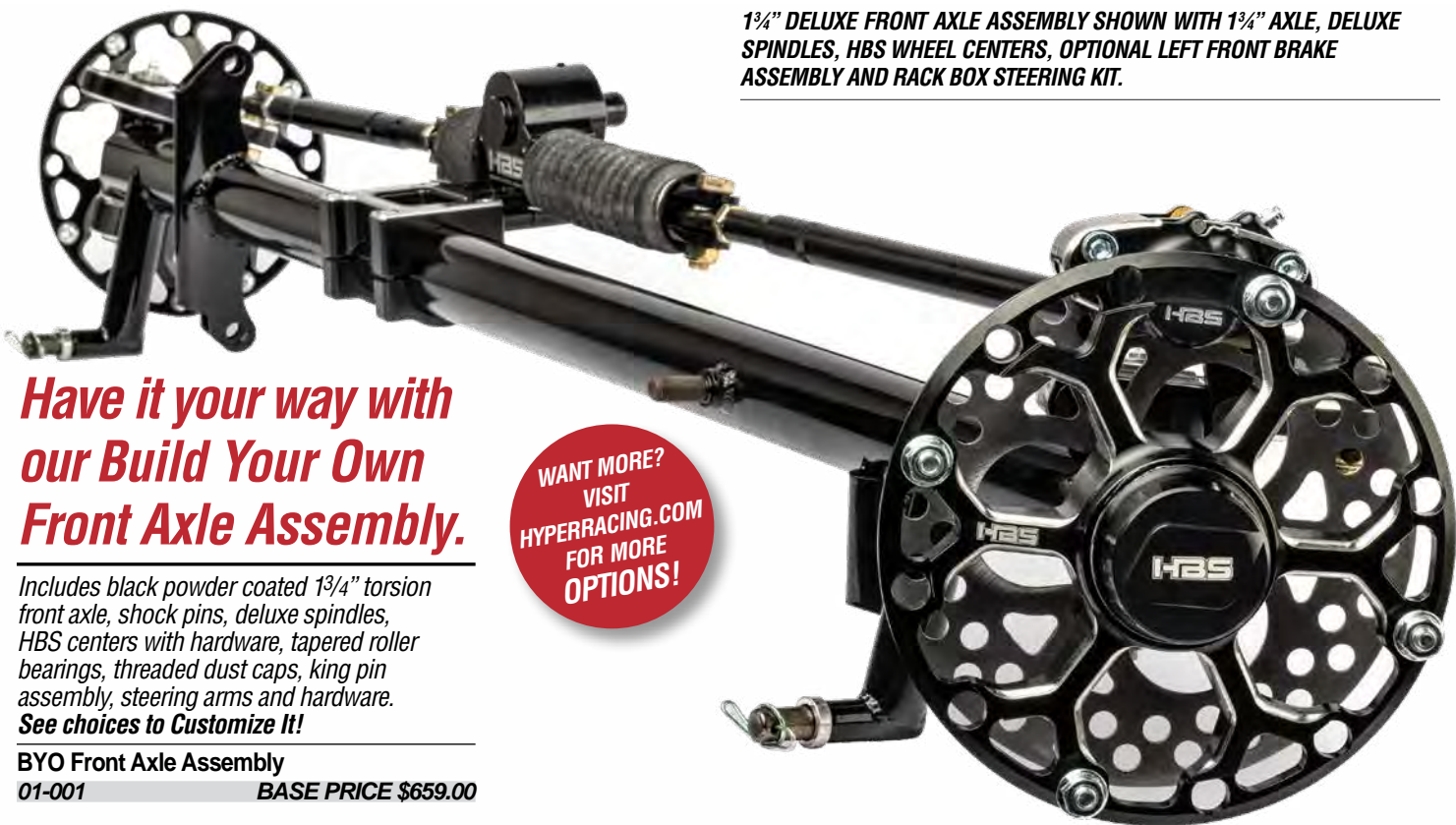
5/16-18" Remote Adjuster Bolt
04-774 **\$7.90**



48" Remote Adjustable Shock Cable
38-460 **\$59.00**

CHASSIS KITS
REAR END
FRONT END
PAN-ARM/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/ST
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

1 3/4" DELUXE FRONT AXLE ASSEMBLY SHOWN WITH 1 3/4" AXLE, DELUXE SPINDLES, HBS WHEEL CENTERS, OPTIONAL LEFT FRONT BRAKE ASSEMBLY AND RACK BOX STEERING KIT.



Have it your way with our Build Your Own Front Axle Assembly.

WANT MORE? VISIT HYPERRACING.COM FOR MORE OPTIONS!

Includes black powder coated 1 3/4" torsion front axle, shock pins, deluxe spindles, HBS centers with hardware, tapered roller bearings, threaded dust caps, king pin assembly, steering arms and hardware. **See choices to Customize It!**

BYO Front Axle Assembly
01-001 **BASE PRICE \$659.00**

+ - CUSTOMIZE IT!

1 1/2" or 1 3/8" axle	-\$15.00
1 3/4" coil over X6 axle	\$10.00
Left front brake assembly	\$139.00
Switch to array nuts	\$19.00
Rack box steering kit: 16-500 steering box, clamp, steering rods (2), and rod ends (4)	\$355.00
Rack box steering kit with aluminum rod ends	\$367.00



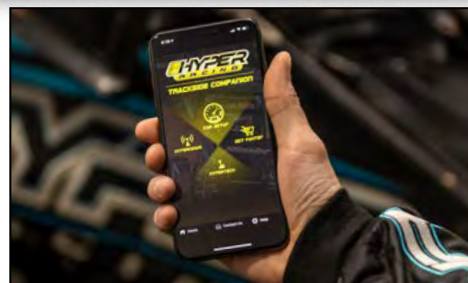
Set-Up Blocks are adjustable from 1" to 3 1/4" at 1/4" increments with many 1/8" increments. 1 5/8", 1 7/8", 2 1/8", 2 5/8", 2 7/8", 3 1/8" heights are provided. CNC machined aluminum, anodized.

Set-Up Blocks (set, as shown)
80-600 **\$79.50**

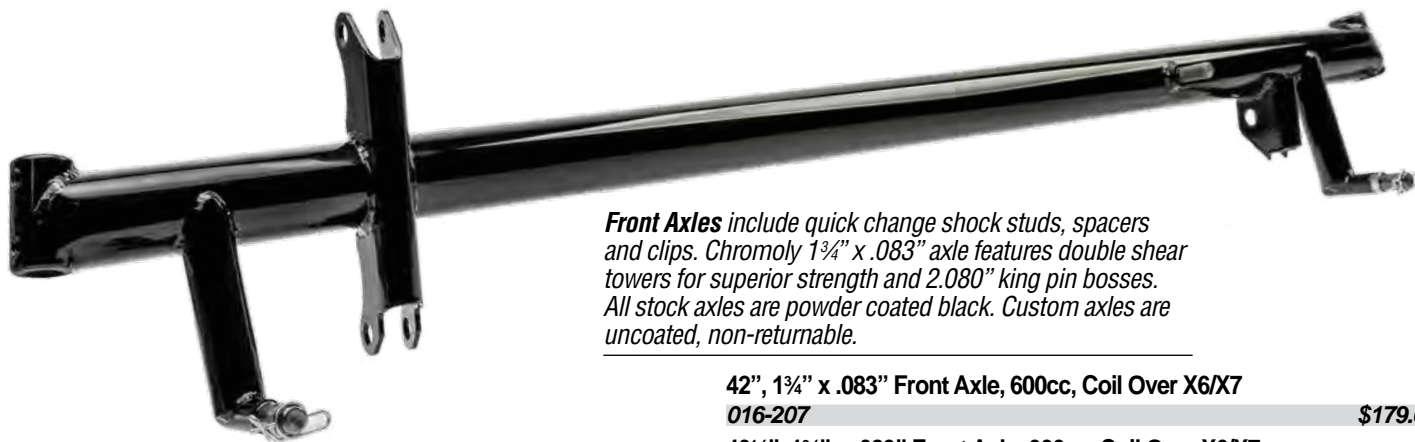
DELUXE FRONT SPINDLE WITH LEFT FRONT BRAKE ASSEMBLY



Wrench for Threaded Dust Cap
Designed to take the threaded dust caps off of the front wheel centers. Longer reach than a standard wrench. Crafted from aluminum to minimize marring of the nut. Anodized black.
25-540 **\$17.50**



Trackside Companion
APP STORE FOR iOS OR ANDROID \$1.99



Front Axles include quick change shock studs, spacers and clips. Chromoly 1 3/4" x .083" axle features double shear towers for superior strength and 2.080" king pin bosses. All stock axles are powder coated black. Custom axles are uncoated, non-returnable.

shop talk
custom built front axles
 We can custom build a front axle to fit your specifications! Visit www.hyperracing.com and click on Products>Online Store. View item number 016-250 or 01-008 and click on the .pdf button to download the template. All custom axles are sold uncoated and are not returnable.

know the code
measure your front axle
 Measure axle length from the top of the kingpin bosses, center to center rounding up to the nearest quarter inch.

42", 1 3/4" x .083" Front Axle, 600cc, Coil Over X6/X7	016-207	\$179.00
40 1/2", 1 3/4" x .083" Front Axle, 600cc, Coil Over X6/X7	016-200	\$168.00
40 1/2", 1 3/4" x .083" Front Axle, 600cc, Torsion X4/X6	016-180	\$164.00
40 1/2", 1 3/4" x .083" Front Axle, 600cc, Torsion, Traction Bar Tabs	016-182	\$168.00
42", 1 3/4" x .083" Front Axle, 600cc, Wingless, Torsion	016-190	\$168.00
36", 1 3/4" x .083" Front Axle, 2010 and up 270cc	01-0223	\$169.00
Custom Front Axle, 1 3/4", Uncoated (Customer must provide form)	016-250	\$230.00



Front Axles with standard towers are chromoly and feature 2.080" king pin bosses. All stock axles are powder coated black. Custom axles are uncoated, non-returnable.

40 1/2", 1 1/2" x .083" Front Axle, 600cc, Torsion	016-055	\$158.00
38", 1 1/2" x .095" Front Axle, 600cc, Coil Over	016-042	\$158.00
35", 1 1/2" x .095" Front Axle, 270cc, Coil Over	01-0201	\$158.00
35", 1 1/2" x .095" Front Axle, 270cc, Torsion	01-0205	\$158.00

Set-Up Blocks are adjustable from 1" to 3 1/4" at 1/4" increments with many 1/8" increments. 1 5/8", 1 7/8", 2 1/8", 2 5/8", 2 7/8", 3 1/8" heights are provided. CNC machined aluminum, anodized, post machined.



Set-Up Blocks (set, as shown)	80-600	\$79.50
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TOMMY KUNSMAN
 SPIRIT AUTO SPEEDWAY

CHASSIS KITS
 REAR END
 FRONT END
 PANHARD/W-LINK
 SPROCKETS/CHAIN
 STEERING/RODS/ENDS
 TIRES/WHEELS
 BRAKES/THROTTLE
 SHIFTER
 SHOCKS/TORSION
 SEATS/BELTS
 WING/ENG MOUNT
 BUNNERS/BODY
 HARDWARE/TABS/T
 COOLING
 FUEL DELIVERY
 INJECTION/270 ENGINE

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



HBS Front Wheel Centers have been redesigned with a threaded dust cap. Forged aluminum makes them lightweight and strong. Black anodizing and secondary post machining gives them that HBS signature style. Available with or without front brake mounts. Includes tapered roller bearings with sealed inner bearing, two inner bearing races, two 25-5041 2" O.D. outer bearing races, studs and nuts. Accepts 25-544 threaded dust cap (not included). Standard spindles require spacer 25-548. Grease bearings before first use with 74-332 Champion Poly-7 Red Grease. Can be used with 25-502 bearings if race is removed.

HBS Wheel Center Front
25-520 **NO BRAKE MOUNTS** \$99.00
25-522 **WITH BRAKE MOUNTS** \$99.00



Keizer 4-Spoke Front Wheel Centers include Keizer threaded dust cap, bearings and studs.

Keizer 4-Spoke Front Wheel Center
841-805 \$99.00
Keizer 4-Spoke Front Wheel Center with Brake Mount
841-806 \$99.00

shop talk

dust caps
Remove and tighten threaded dust caps with wrench 25-540. Don't over tighten right front cap.



Lug Nuts, 5/16"-18 (pack of 4)
Fits HBS and Keizer wheel studs.
25-133 5/16"-18 \$3.80



Titanium Lug Nut, 5/16"-18 (each)
Fits HBS and Keizer wheel studs and airbox post.
987-05-18-FLANG \$5.95



Front Wheel Center Stud, 5/16"-18 (each)
978-05-18-1.00 \$.55



Threaded Dust Cap fits threaded HBS or Keizer Centers. Cap screws tightly into the wheel center with an o-ring seal to keep water and dirt out. Does not fit older non-threaded wheel hubs.

Threaded Dust Cap for HBS or Keizer Wheel Center
25-544 \$12.50
O-Ring for Dust Cap 25-544
25-547 \$.50



Wrench for Threaded Dust Cap
Designed with longer reach to take the threaded dust caps off of the front wheel centers. Crafted from aluminum to minimize marring of the nut. Anodized black.

25-540 \$17.50



1" Tapered Bearing, Inner with Seal
25-5043 \$12.00



1" Tapered Bearing, Outer
25-5044 \$9.80



Outer Bearing Race for Tapered Bearings (each)
1.980" O.D. fits press fit caps and 2.0" O.D. fits threaded caps.
25-5042 1.980" O.D. \$4.25
25-5041 2" O.D. \$4.25



Dust Cap for Non-Threaded Wheel Center
25-545 \$12.00
O-Ring for Dust Cap 25-545
25-546 \$.50

4-Bolt Front Wheel Hubs include studs. 1/2"-20 nuts sold separately. 4" bolt circle diameter.



4-Bolt Front Wheel Hub, Standard Spindles
Accepts two 1" bearings, included.
01-120 \$114.00



Lug Nuts, 1/2"-20 (pack of 4)
25-131 1/2"-20 \$5.80



1" I.D. Bearing x 2.0" O.D.
25-502 \$9.80

3/4" I.D. Bearing
25-503 \$8.95



1/4" Spacer for LF Brake Rotor
366-2962 \$10.75

HBS Front Side Kit completes one side less axle. Includes HBS center with studs, nuts and tapered roller bearings, deluxe spindle, threaded dust cap, kingpin assembly, c-ring, spacer, steering arm and hardware. If you have any questions or need options, our staff can assist you.



HBS Front Side Kit
01-0050 **BASE PRICE \$249.00**



1/2" Weld-On Shock Stud
38-8087 **\$9.45**



1 1/4" Axle Tower, Left
01-177 **\$24.00**



1 1/4" Axle Tower, Right
01-178 **\$27.00**



Heavy Duty Rue Clip for 1/2" Shock Stud
New heavy duty rue clip has a thicker wire and a built-in handle for easy removal. Fits all of our new shock studs, but in older pins, the hole must be drilled out to .149" (#25 drill).
38-8024 **\$1.25**



Aluminum Spacer for HD Rue Clip
38-8021 **\$2.20**



Front Axle Tab, Left, with Boss for 1 1/2" Axle
01-175 **\$17.50**



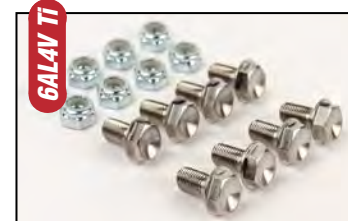
Front Axle Tab, Right, with Boss for 1 1/2" Axle
01-176 **\$19.25**



1 1/8" O.D. x 2.08" x 5/8" I.D. King Pin Boss, for Short (Standard or Deluxe) Spindles
01-030 **\$10.95**



Front Wheel Center Bolt Kit
Bolt two wheel halves together.
25-507 **\$4.95**



Titanium Bolt Kit for Front Wheel Center
Bolt two wheel halves together for use with spindle mount front hubs/centers.
25-507TI **\$25.75**
1/4"-28 x 5/8" Titanium Front Wheel Center Bolt (each)
981-04-28-62 **\$3.18**

**WANT MORE?
VISIT
HYPERRACING.COM
FOR MORE
OPTIONS!**

+ - CUSTOMIZE IT!
Left front brake assembly **\$139.00**
Switch to array nut **\$9.50**



HBS Left Front Brake Assembly includes caliper, HBS wheel center, pads, mounting plate, rotor and hardware.

HBS Left Front Brake Assembly
366-299 **SPECIFY HBS OR MCP CALIPER** **\$249.00**



HBS Deluxe Spindles are lightweight and strong. Accepts front brake system. Fits 2.080" king pin boss on right or left side.



HBS Deluxe Spindle
10° spindle with machined aluminum body and 1" 7075 T-6 aluminum keyed snout.
01-090 **\$89.00**

5/8" Kingpins for HBS deluxe spindles include grease fitting and c-clip. Titanium kingpin weighs 2.5 ounces and saves 1.5 ounces over standard kingpins.



Keyed Spindle Snout
1.00" diameter press-in snout. Fits HBS deluxe and standard spindles. Designed for use with our Array Spindle Nut.
01-0915 **\$19.95**



Kingpin for HBS Deluxe Spindles (each)
01-092 **\$17.99**



Kingpin for HBS Deluxe Spindles Titanium (each)
01-092TI **\$112.50**



Kingpin Assembly for HBS Deluxe Spindles
01-0921 **\$42.95**



Spindle C-Ring
01-137 HBS DELUXE **\$1.45**
01-137-1 STANDARD **\$1.45**



Thrust Bearing Assembly utilizes needle bearings between two hardened shims as the loading surface. Eliminates wear on the spindle and keeps play to a minimum. Fits HBS deluxe spindle.
01-095 **\$6.99**
Hardened Shim (each)
01-0951 **\$2.50**
Needle Bearing (each)
01-0952 **\$4.70**



Allen Set Screw 5/16"-18 x 3/8" (each)
01-133 **\$5.00**
Snap Ring for 01-092 Kingpin
01-0925 **\$9.00**
1/4"-28 Grease Fitting
01-132 STRAIGHT **\$1.00**
01-1325 45° **\$1.99**



Array Nut design enables precise bearing load and stays locked in place!

Requires keyed spindle. Most Hyper spindles since mid-2017 have the keyway. If your spindle is not keyed, replace the snout in your spindle with the 01-0915 Keyed Spindle Snout or cut the keyway using a mill.

This elegant design will lock in place every 2 3/4 degrees of rotation by using screws to secure, enabling the nut to be tightened to the exact load preference. The locator ring, secured by the key, keeps the nut locked in place.

Array Nut Assembly, for Spindle
01-1304 **\$19.95**



Array Nut Locator Ring
01-1306 **\$7.45**
Array Nut for Spindle
01-1305 **\$14.99**



Threaded Pinch Collar for Spindle
01-1315 **\$10.99**

press play

WATCH: ARRAY NUT VIDEO



Kingpin Bushing Tool
01-1261 **\$9.00**



Bronze Spindle Bushing
Long lasting. S-groove and side hole for grease optimization.
01-1255 **\$3.95**



1" x 3/16" Spindle Spacer
Use with HBS centers on standard spindles.
25-548 **\$2.95**
1" x .094" Spindle Spacer
01-136 **\$2.45**



10° Standard Spindle
01-105 LEFT **\$139.00**
01-108 RIGHT **\$139.00**



5/8" Kingpin Assembly, for Standard Spindles
01-1265 **\$44.00**

5/8" KINGPIN COMPONENTS FOR STANDARD SPINDLES		
Kingpin, Standard	01-127	\$19.50
1/2" I.D. O-Ring	01-134	\$.75
Oilite Washer	01-135	3.25



1" Spindle Nut
01-130 **\$2.95**



Bell Crank Remote Panhard Adjuster Assembly
Includes slider tube, slider, weld-on bosses and tabs, 1/4" male rod ends (4), bell crank, short lever adjuster, long and short rods and hardware.
04-510 \$189.00



Remote Panhard Bar Adjuster Assembly, Shoulder Mount
Includes slider tube, slider rod, weld-on tabs for slider (4), threaded bosses (2), slider, 1/4" male rod ends (2), long or short adjuster, hardware.
04-499 SPECIFY LONG OR SHORT HANDLE ADJUSTER \$149.00



Cockpit Mount Remote Panhard Sliders include cable, weld-on tabs for cable and slider, short lever adjuster, slider tube, threaded bosses (2), 1/4" female rod ends (2) and hardware.

Cockpit Mount Remote Panhard Slider Assembly, Right Side
Includes 35" cable.
04-500 \$219.00

Cockpit Mount Remote Panhard Slider Assembly, Left Side
Includes 60" cable.
04-5005 \$229.00

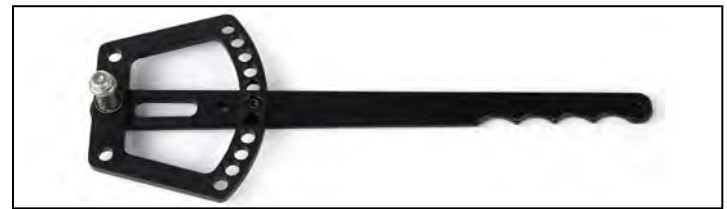


Bell Crank
04-519 \$14.50



1/4" I.D. Bearing for 04-519
04-520 \$3.00

Lever Adjusters double as panhard or wing adjusters. Anodized black.



Lever Adjuster, Long
30-225 \$39.70



Lever Adjuster, Short
30-221 \$39.00



Lever Adjuster Spring
30-230 \$6.25



Panhard Slider Sleeve Tube
04-504 \$26.50



Slider
04-507 \$29.00



Panhard Slider Quick Pin
04-163 \$5.95



RODS		
Upper Crank Rods		
1/4"-28 x 10" (X6/X7)	04-512	\$10.95
1/4"-28 x 11" (X4)	04-515	\$10.95
1/4"-28 x 9 1/4"	04-514	\$10.00
1/4"-28 x 14" (PDX5)	04-513	\$10.95
Lower Crank Rod		
1/4"-28 x 5 1/2" (X4/X6)	04-516	\$10.00
Slider Rod		
1/4"-28 x 22" fits 04-499	04-400	\$29.00



60" Cable
04-502 \$102.00

35" Cable
04-501 \$95.00



Panhard Bar Slider Clamp A
1" frame rail, 7/16" rod end.
04-160 \$21.00

Panhard Bar Slider Clamp B
1 1/8" frame rail, 7/16" rod end.
04-161 \$21.00

Panhard Bar Slider Clamp C
1" frame rail, 3/8" rod end.
01-160 \$21.00

DIAL IT IN

panhard bar height

- Affects chassis in the middle and coming out of the turn
- Raise to loosen chassis
- Lower to tighten chassis



64L4V TT
7/16"-20 x 2" Hex Head Cap Screw, Titanium (each)
Used on 04-160/161 panhard clamp.
981-07-20-2.00 \$7.90

Multi-Point Jacob's Ladder adjusts roll center right and left by 4", providing a big advantage when running wingless or on a slick track.

This Jacob's ladder is considered a 5"-5"-10" ladder, meaning 5" long straps, 5" between strap holes on the paddle, and designed for 10" between mounting holes on the frame tabs. Using these dimensions virtually eliminates the side to side movement of the rear axle when moving up and down.

Standard kit includes choice of 9", 9½", 10", 10½"-11", or 12" paddle, four 5" standard straps, hardware and single hole end tab. Configure it exactly how you want it with our options below.



Shown with 9" paddle, optional ribbed straps, 3-point tab, and quick release pin kit.



Shown with 10" paddle, standard straps, single hole end tab and hardware.

Multi Point Jacob's Ladder, 9"-12" x 10"
04-601

STARTING AT \$77.50

shop talk

roll center diagram

Visit our tech department at www.hyperracing.com for .pdf diagram of strap configurations and roll center locations.

+ - CUSTOMIZE IT!

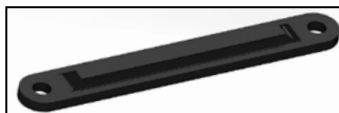
Choose paddle size	included
Quick Release Pin Kit	\$15.50
Titanium Quick Release Pin Kit	\$27.00
3 Point End Tab	\$5.00
Titanium Straps	\$78.00
Ribbed Straps	\$6.20



MULTI POINT PADDLES FOR 04-601

9" Paddle	04-6031	\$34.00
9½" Paddle	04-6032	\$34.00
10" Paddle	04-603	\$34.00
10½" Paddle	04-6033	\$34.00
11" Paddle	04-6034	\$34.00
12" Paddle	04-6035	\$34.00

Strap lengths are measured from center to center of holes. 3/16" thick x 3/4" wide with 3/16" holes.



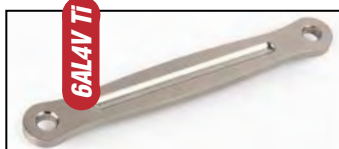
Ribbed Strap (each)

04-6072	4 5/8" RIBBED	\$6.75
04-605	5" RIBBED	\$6.75
04-6071	5 3/8" RIBBED	\$6.75



Standard Strap (each)

04-606	5" STANDARD	\$4.75
04-607	5 3/8" STANDARD	\$4.95



Ti-FX Titanium Strap (each)

04-6063	4 5/8"	\$25.00
04-6061	5"	\$25.00
04-6062	5 3/8"	\$25.00



End Tab for 04-601, 3-Hole

04-604-2	\$9.95
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Paddle End Tab for 04-601

04-604	\$8.90
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Standard 10" x 10" Jacob's Ladder

04-600	\$73.00
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Paddle for 04-600

04-602	\$27.00
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shop talk

Jacob's Ladder Adjustments

- On the Hyper Chassis, use the top and bottom straps in the 3 holes for winged (go to 1 holes for wet heavy, and 5 holes for extreme smooth/slick). For wingless, use the 5 holes as your starting point and go to the 3 or 1 holes for wet heavy or a big cushion. Using the 5 holes will make the car tighter while using the 1 holes will make the car looser.
- Using other manufacturer paddles is exactly like running this paddle in the 1 holes (5" between enters) and our 10" long paddle.
- The length of the paddle will determine the position of the right rear bearing carrier. Hyper Chassis with the brake caliper on the right will need the 9 1/2", and if using a brake floater we recommend the 10" or 11".

Super lightweight titanium pins save weight. Fits the X6 or X7 Hyper Chassis with Jacob's Ladder. Also fits other brand chassis. Made from highest quality 6AL4V titanium alloy. Strong and light weight.



6AL4V TI

SEE PAGES 112-114 FOR MORE TITANIUM!

Titanium Pin and Bolt Set for Jacob's Ladder
04-608TI \$32.00

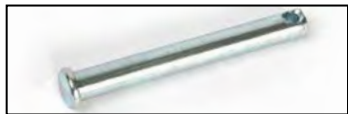


5/16" O.D. x 1 1/8" Bottom Pin, Titanium
04-615TI \$6.70

5/16" O.D. x 1 3/8" Top Pin for X6, Titanium
04-617TI \$7.20

3/8" O.D. x 1 1/16" Pin for Bearing Carrier, Titanium
04-620TI \$6.95

5/16" O.D. x 1" Pin for Jacob's Ladder Strap, Titanium
04-618TI \$6.95



5/16" O.D. x 2 5/8" Top Pin for X4 and Z-link
04-610 \$2.80



5/16" O.D. x 1 1/8" Bottom Pin
04-615 \$1.10

5/16" O.D. x 1 3/8" Top Pin for X6/X7
04-617 \$1.35

3/8" O.D. x 1 1/16" Pin for Bearing Carrier
04-620 \$3.83

5/16" O.D. x 1" Pin for Jacob's Ladder Strap
04-618 \$1.25



Pin Set for Jacob's Ladder
04-608 \$19.00



3/8" Heavy Duty Rod End, Male Right
71-PMX6 \$11.25

3/8" x 7/16" Heavy Duty Rod End, Male Right
71-PMX6-7 \$15.95



5/16"-18 x 3/4" Shoulder Bolt
974-05-18-.75 \$2.75



Spring for Jacob's Ladder
04-612 \$2.95



5/16" Rue Clip
04-625 \$1.25

3/8" Rue Clip
04-630 \$1.25



1/4"-28 x 1 1/4" Hex Head Cap Screw, Titanium
Fastens the Jacob's ladder 3-hole tab to the paddle.
981-04-28-1.25 \$5.25



Top Jacob's Lower Tab
3/8" thick, 5/16" hole, 1-1/4" notch, 1/2" from center of hole to edge of notch. Used to go between the Jacob's ladder paddles on the bottom rail.

T-59 \$5.50



Jacob's Ladder Top Outer Tab, X6/X7
T-58 \$6.25



Top Jacob's Ladder Tab, X6/X7
T-56 \$6.25



9" MULTI POINT JACOB'S LADDER ON AN X7 CHASSIS



CHASSIS
KITS
REAR END
FRONT END
PAN/ARO/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG MOUNT
BUMPERS/
BODY
HARDWARE/
TABS/TI
COOLING
FUEL
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

Sprocket Guides are machined from aluminum. Hardware kit sold separately.



Sprocket Guides, 36-49 Gears
04-107 **\$74.00**



Sprocket Guides, 47-55 Gears
04-108 **\$87.00**



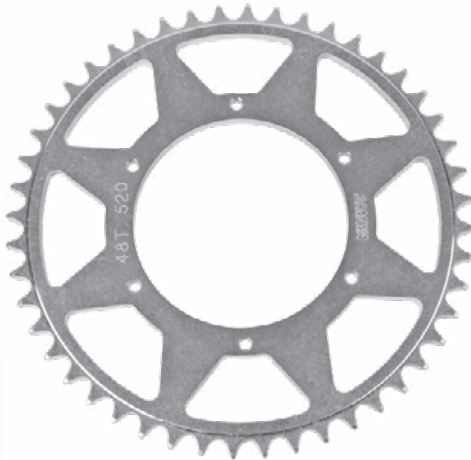
NYLON GUIDE BLOCK PREVENTS CHAIN SKIPPING

shop talk

gearing

Diameter of the right rear tire affects gearing. Generally, 1½" in circumference on the right rear tire equals one tooth on the rear sprocket. A 1½" larger tire will require one tooth larger on the rear sprocket to maintain the same engine rpm's.

081-Series, 5.25" Bolt Circle 520 Rear Sprockets are machined from 7075 aluminum.



081 REAR SPROCKETS 520 CHAIN

33 Sprocket/520	081-033	\$43.00
34 Sprocket/520	081-034	\$43.00
35 Sprocket/520	081-035	\$43.00
36 Sprocket/520	081-036	\$43.00
37 Sprocket/520	081-037	\$43.00
38 Sprocket/520	081-038	\$43.00
39 Sprocket/520	081-039	\$43.00
40 Sprocket/520	081-040	\$43.00
41 Sprocket/520	081-041	\$43.00
42 Sprocket/520	081-042	\$43.00
43 Sprocket/520	081-043	\$47.50
44 Sprocket/520	081-044	\$47.50
45 Sprocket/520	081-045	\$47.50
46 Sprocket/520	081-046	\$47.50
47 Sprocket/520	081-047	\$47.50
48 Sprocket/520	081-048	\$47.50
49 Sprocket/520	081-049	\$49.00
50 Sprocket/520	081-050	\$49.00
51 Sprocket/520	081-051	\$49.00
52 Sprocket/520	081-052	\$52.00
53 Sprocket/520	081-053	\$52.00
54 Sprocket/520	081-054	\$52.00
55 Sprocket/520	081-055	\$52.00
56 Sprocket/520	081-056	\$57.00
57 Sprocket/520	081-057	\$59.90
58 Sprocket/520	081-058	\$59.90

24-7 support

Get 24-7 access to set-up notes, assembly manuals, and tech information at www.hyperracing.com.

081-Series, 6.43" Bolt Circle 520 Rear Sprockets are machined from 7075 aluminum. Fit Sawyer, Pace, Factor 1, Concept and Bailey Chassis. 083-series sprockets do not fit Hyper Chassis.



083 REAR SPROCKETS 520 CHAIN

42 Sprocket/520	083-042	\$47.50
43 Sprocket/520	083-043	\$47.50
44 Sprocket/520	083-044	\$47.50
45 Sprocket/520	083-045	\$47.50
46 Sprocket/520	083-046	\$47.50
47 Sprocket/520	083-047	\$47.50
48 Sprocket/520	083-048	\$47.50
49 Sprocket/520	083-049	\$47.50
50 Sprocket/520	083-050	\$47.50
51 Sprocket/520	083-051	\$49.00
52 Sprocket/520	083-052	\$49.00
53 Sprocket/520	083-053	\$49.00
54 Sprocket/520	083-054	\$49.00
55 Sprocket/520	083-055	\$49.00



Motion Pro Chain Alignment Tool

Quick and accurate. Tool body clamps squarely to rear sprocket. 7¼" Alignment rod indicates sprocket alignment to chain.

80-313 **\$19.45**

Extended Rod for 80-313

15¾ long rod for ease of use.

80-314 **\$10.95**



Sprocket Carrier Assembly for 1 1/4" Axle
05-103 36-49 TOOTH \$159.00
05-104 47-55 TOOTH \$169.00
Sprocket Carrier Assembly for 2" Axle
06-304 47-55 TOOTH, 5/16" BOLTS \$169.00

Sprocket Carrier/Brake Hub has six 1/4"-28 or 5/16"-18 threaded holes on a 5/4" bolt circle.



2" Sprocket Carrier/ Brake Hub
 Uses 1/4" bolts, not included.
06-300 \$75.50



1 1/4" Splined Sprocket Carrier/ 6-Bolt Brake Hub
 Uses 1/4" bolts, not included.
05-102 \$75.00



2" Sprocket Carrier
 Uses 5/16" bolts, not included.
06-302 \$75.50

Sprocket Nuts/Washers retain front sprockets. Splined washer goes on before the nut, then is crimped over to secure the nut.



SPROCKET NUTS, WASHERS & BOLTS

'03 and Up Kawasaki ZX-6R Nut	636-201	\$15.95
'03 and Up Kawasaki ZX-6R Washer, Splined	636-200	\$7.95
'06 and Up Yamaha YZF-R6 Nut	636-206	\$15.50
'06 and Up Yamaha YZF-R6 Washer, Thick	636-207	\$7.10
'99-'05 Yamaha YZF-R6 Washer, Splined	636-205	\$7.55
'03-'05 Yamaha YZF-R6 Nut	636-204	\$15.25
'99-'02 Yamaha YZF-R6 Nut	636-203	\$15.50
'07 and up Honda 600RR Bolt	636-210	\$9.34
'07 and up Honda 600RR Washer	636-211	\$7.55
'06 and Up Suzuki GSX-R Nut	636-208	\$19.16
'06 and Up Suzuki GSX-R Washer	636-209	\$6.79



Sprocket Guide Hardware Kit
 6 each: screws, nuts, spacers.
04-109 \$15.95



Sprocket Guide Hardware Kit
 is used to bolt sprocket to carrier when using chain guide assembly. Contains 6 nuts and bolts.

Sprocket Guide Hardware Kit for Chain Guide 1/4"
08-760 \$5.75

Sprocket Guide Hardware Kit for Chain Guide 5/16"
08-761 \$5.75



Sprocket Guide Screw (each)
04-209 \$2.60



3/8" Aluminum Spacer, 1/4" I.D. (each)
04-211 \$1.45

3/8" Aluminum Spacer, 5/16" I.D. (each)
04-212 \$2.15



1/4"-28 Flanged Nut (each)
04-210 \$6.55



Lug Nuts, 5/16"-18 (pack of 4)
25-133 \$3.80



1" x .094" Spindle Spacer
 Use 3 spacers to adapt the R6 front sprocket to ZX-6R Engine.
01-136 \$2.45



600CC FRONT SPROCKETS 520 CHAIN

Yamaha YZF-R6, Suzuki GSX-R, or Kawasaki ZX-6R '03-'06: use with (3) 01-136 spacers

11 Tooth	636-1163	\$28.00
12 Tooth	636-1164	\$28.00
13 Tooth	636-1165	\$28.00
14 Tooth	636-117	\$28.00
15 Tooth	636-118	\$28.00
16 Tooth	636-119	\$28.00

Kawasaki ZX-6R '03-'06

14 Tooth	636-214	\$29.50
15 Tooth	636-215	\$29.50
16 Tooth	636-216	\$29.50

Kawasaki ZX-6R '07 & up

11 Tooth	636-217	\$28.00
12 Tooth	636-218	\$28.00
13 Tooth	636-219	\$28.00

Honda CBR600 F2/3

13 Tooth	636-013	\$31.50
16 Tooth	636-016	\$31.50

Honda CBR600 F4/F4i/RR

11 Tooth	636-111	\$31.50
12 Tooth	636-112	\$31.50
13 Tooth	636-113	\$31.50
14 Tooth	636-114	\$31.50
15 Tooth	636-115	\$31.50
16 Tooth	636-116	\$31.50

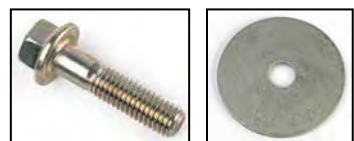
250CC & 125CC FRONT SPROCKETS 520 CHAIN

Honda CR250 '88-'01 Sprocket

13 Tooth	63-201	\$23.00
14 Tooth	63-202	\$23.00
15 Tooth	63-203	\$26.80

Honda CR125 Sprocket

13 Tooth	63-302	\$26.80
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CR250 Sprocket Bolt 61-131 \$6.95
CR250 Sprocket Washer 61-130 \$9.95

SEE PAGE 194 FOR GEARING CHARTS & INFO

CHAIN TENSIONERS

HBS Double Chain Tensioner Assemblies are used on Hyper Jacob's ladder chassis and not generally needed on Hyper panhard chassis. Also fits many other chassis brands. Use the outer holes on 600cc chassis and the inner holes on the 270cc chassis.



HBS Double Chain Tensioner Assembly for 520 Chain

08-800 **\$77.00**



HBS Double Chain Block Tensioner Assembly for 530/520 Chain

08-802 **\$92.00**

spring tab sold separately



CHAIN GUIDE BLOCK SPACERS

1/8" Spacers (pair)	08-729	\$6.50
1/4" Spacers (pair)	08-728	\$6.50
1/2" Spacers (pair)	08-727	\$6.50
3/4" Spacers (pair)	08-726	\$7.95
1" Spacers (pair)	08-720	\$7.95
1 1/4" Spacers (pair)	08-722	\$7.95
1 1/2" Spacers (pair)	08-725	\$7.95



Chain Tensioner Wheel, Grooved, HBS, 5/16", 520 Chain

08-8051 **\$19.95**



Guide Block for 08-802

08-830 3 1/4" (SHORT) **\$18.00**
08-831 4 5/8" (LONG) **\$25.00**



Chain Tensioner Assembly 08-805 wheel, spring, arm, cotter pins, hardware, and instructions.

08-600 **\$59.50**



CHAIN GUIDE BLOCK BOLTS

5/16"-18 x 2"	973-05-18-2.00	\$1.39
5/16"-18 x 2.5"	973-05-18-2.50	\$1.39
5/16"-18 x 3"	973-05-18-3.00	\$1.39
5/16"-18 x 3.5"	973-05-18-3.50	\$1.95
5/16"-18 x 4"	973-05-18-4.00	\$2.09
5/16" Hard Flat Washers 4/pk	975-05-HARDFW4	\$2.25

Chain Tensioner Wheel, Grooved, 3/8", 520 Chain

08-8052 **\$19.95**



Chain Wheel Strap

08-810 **\$13.50**



Chain Tensioner Arm

08-603 **\$34.00**



Chain Guide Nut Bar

08-719 **\$8.50**



Chain Tensioner Wheel, HBS, 5/16", 520 Chain

08-806 **\$19.95**



Double Tensioner Arm

08-815 8" LONG **\$15.50**
08-816 11" LONG **\$15.90**
08-817 20" LONG **\$16.90**



Adjustable Chain Tensioner Spring 3 3/8" free length, 3/4" O.D., cut 10" long end to desired length.

08-608 **\$13.25**



Nerf Bar Spring Hanger

Holds chain tensioner springs onto the nerf bar. Innovative design floats to allow springs to self-align eliminating premature failure. Fits 7/8" or 3/4" diameter nerf bar.

08-900 **\$6.40**

Chain Tensioner Wheel, 3/8", 520 Chain

08-805 **\$19.95**



Chain Strap Spacer

08-822 **\$5.25**



Chain Tensioner Spring, Long 4 3/8" free length, 3/4" O.D.

08-6025 **\$6.97**

5/16" Bearing for 08-806/8051

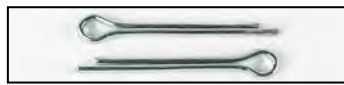
08-825 **\$3.29**



Chain Spring Tab

Mount the spring to the chain wheel on double tensioners without binding.

08-826 **\$4.75**



Chain Tensioner Cotter Pins (pair)

08-606 **\$.85**



Guide Block, 520 Chain, 600cc

08-700 **\$36.00**

Guide Block, 530 Chain, 1000cc

08-701 **\$39.00**



BikeMaster BMXR Series Chain has been upgraded to average tensile strength of 9,000 pounds for increased durability. BikeMaster chains have been tested and improved to provide exceptional quality, performance and overall lifespan. Q4 seal ring and reinforced pin and roller provide superior wear resistance, higher impact resistance and fatigue strength. BMXR Chain includes both rivet link and clip master link.

BIKEMASTER BMXR CHAIN		
BikeMaster BMXR 520 120	08-525	\$99.99
BikeMaster BMXR 520 130	08-526	\$104.50



BikeMaster 520 BMXR Rivet Link
08-520 \$9.95



Motion Pro Chain Alignment Tool
Quick and accurate. Tool body clamps squarely to rear sprocket. 7 1/4" Alignment rod indicates sprocket alignment to chain.
80-313 \$19.45
Extended Rod for 80-313
15 3/4" long rod for ease of use.
80-314 \$10.95



BikeMaster 520H Gold Series Chain is rated at an average tensile strength of 8,000 pounds. Includes master link. 120 link length is perfect for 270's. Not recommended for 600cc.

BIKEMASTER 520H CHAIN		
Bikemaster 520H 120	08-501	\$59.50
Bikemaster 520H 110	08-500	\$54.00



BikeMaster 520H Gold Clip-Style Master Link
08-550 \$3.99

shop talk

chain maintenance

Dirt causes premature wear and increased friction, resulting in losses in speed.

After Every Race

1. Remove chain by removing the front sprocket, not by taking off the master link.
2. Clean the chain using a brush and then dry it with a cloth or compressed air.
3. Lay chain on a flat surface and stretch it out so that the stamp is visible from the top. A new chain will only flex about 90°, while a worn chain will begin to flex in a semicircle about 180°.
4. Press links toward each other to look for play between the links.
5. Hold chain at one end, so the entire length hangs straight down. If a chain begins to twist or spiral, replace it.
6. If it passes the above tests, replace chain and re-lube.



Motion Pro PBR Chain Tool
Press, break and rivet with one convenient, professional grade tool. Storage case and spare pin included.
80-311 \$104.00



Motion Pro PBR Breaker Pin
80-312 \$8.90



Motion Pro Chain Breaker
80-300 \$34.50



Motion Pro Chain Breaker Pin
80-301 \$6.50



Motul C3 Off Road Chain Lube, 9.3 oz.
74-101 \$12.55



Champion Chain Lube, 14 oz.
74-095 \$9.75

Delta Hat with Flash Drive Patch features 3.5" wide patch on FlexFit 180 Delta cap. Closed back, stretch fitted. Choose S-M, or L-XL.



Flash Drive Patch Hat, Delta Flexfit
43-264 SPECIFY SIZE \$21.00

shop talk

clip or rivet?

- Master or connection links are available in rivet and clip styles.
- When assembled onto the chain using the Motion Pro Chain Tool 80-311 or 80-300, the rivet link becomes a permanent link in the chain. We highly recommend the use of rivet links over clip-style links.
- Clip-style master links are designed to have a very tight and secure press fit. Use a chain breaker to install them.
- The master link is the weakest point of the chain. NEVER use more than one master link per chain. Always use a new master link to re-assemble the chain each time for maximum strength.

MPI shaped the wheel based on the form your hand takes when you make a fist.

The oval grip shape feels steady and firm when you hold an MPI product.



All MPI wheels are designed and engineered in the USA and built in ITALY using the latest steering wheel technology and materials.

MPI takes every aspect of construction and safety to heart, in the most accurate and dedicated way possible. MPI designers push the technology of weight, safety, and driver feel of MPI Steering Wheels to the limits.

The MPI Difference is its superior structure:

- Double hand applied rivets on winged spoke channel, no welding
- U-shaped channel for steady, firm feel
- Less vibration, more feeling for better feedback
- High quality grip applied by hand

"MPI has revolutionized the dirt racing world with its new wheel. It has great feel, awesome looks, and is definitely the safest wheel on the market. It has given me front end feel like never before!"

DONNY SCHATZ

5-TIME WORLD OF OUTLAWS SPRINT CAR CHAMPION



MPI-KMD-15 Micro Sprint Steering Wheel

Designed and made for Hyper Racing with laser etched HBS Logo in the spokes.

2 1/4" dish, 15" diameter, 1.4 pounds, 3-hole pattern, 3 slotted spokes

- Dirt friendly/washable
- Extended padding on spokes
- Includes Hyper Steering Wheel Pad

16-0229 \$199.00



MPI-DM-15-A Steering Wheel

2 1/4" dish, 15" diameter, 2 pounds, 3-hole (NASCAR Style), 3 slotted spokes

- Designed specifically for dirt track racing.
- Finger bumps/indentation on entire wheel
- Bright orange stripe/marker
- Polyurethane grip is dirt friendly/washable
- Includes MPI Steering Wheel Pad

16-0232 \$225.00



MPI/Hyper A-CP-D Steering Wheel Pad

Polyurethane centerpiece fits the following:

MPI-KMD-15 MPI-KD-15
MPI-D-15 (Sprint Car) MPI-KP-12/13
MPI-KD-14 (Mini Outlaw) MPI-QQS/QQR-11 (QM)

16-0246 HYPER & MPI LOGO \$20.00

16-0245 MPI LOGO \$20.00

MPI/Hyper A-CP-DM-D2 Steering Wheel Pad

Polyurethane centerpiece fits the following:

MPI-D2-15 (Sprint Car) MPI-D-15 (Sprint Car)

16-0247 HYPER & MPI LOGO \$20.00



MPI 3- to 6-Bolt Center Hole Cover

Allows use of quick release hub. Fits all 6-bolt pattern MPI Wheels. Black anodized aircraft aluminum. Includes hardware.

16-0243 \$38.00



MPI-DMR-15 Steering Wheel

2 1/8" dish, 15" diameter, 2.5 pounds, 3-hole pattern, 3 solid spokes

- Designed specifically for dirt track racing.
- Dirt-style finger bumps/indentation on entire steering wheel
- Polyurethane grip is dirt friendly/washable

16-0230 \$139.00



MPI Center Hole Cover

Fits all 6-bolt pattern MPI Wheels. Black anodized aircraft aluminum with center detail.

16-0244 \$29.00

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



MPI-D2-15 Steering Wheel

Non-dished, 15" diameter, 2 pounds, 3-hole (NASCAR Style), 3 slotted spokes

- Enhanced vibration absorption foam
- Includes lighter, reduced height center pad
- Dirt-style finger bumps/indentation
- Polyurethane grip is dirt friendly/washable
- Extended padding on spokes

16-0231 \$249.00



MPI-F-14-HG Steering Wheel

1 1/4" depth, 13.75" diameter, 1.25 pounds, 6 hole, 3 solid spokes.

- Bright orange stripe/marker
- High grip material
- Dirt friendly/washable
- Oval/extreme ergonomic grip
- Parallel orange stitching: unique look/durability

16-0233 \$185.00



MPI-KD-14-A Steering Wheel

2" dish, 13.75" diameter, 1 pound, 3-hole (NASCAR Style), 3 slotted spokes.

- 3 synthetic materials: Lederfylon high-grip, orange synthetic, carbon synthetic
- Hand sewn for unique look/durability
- Dirt-style finger bumps/indentation
- Flat-top for improved visibility

16-0239 \$189.00



Center pad sold separately

MPI-QS-11 Steering Wheel

Designed for the quarter midget racer.

1.25" dish, 10.75" diameter, .92 pounds, 3-hole pattern

Features aluminum frame, dirt friendly/washable covering and square shape for comfort and control. Covered in 3 different synthetic materials: Lederfylon high-grip, orange synthetic, and carbon synthetic.

Q16-149 \$185.00

HBS Steering Wheel features shot peened, no slip surface. Drilled for weight savings and black anodized to keep your gloves from turning black, this 2 1/2" dish positions the wheel perfectly for most drivers. Use with our steering wheel wrap if desired.



HBS Lightweight 15" Aluminum 2 1/2" Dished Steering Wheel

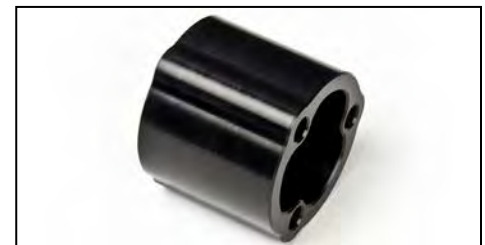
16-024 \$79.00



Steering Wheel Wrap

Use with uncoated wheels to get a grip and protect your gloves. One pack is enough to cover 7" on each side of your wheel.

16-0242 \$19.96



Steering Wheel Extension, 2"

16-019 \$21.50



Steering Wheel Pad

3-spoke, black.

16-025 \$19.50



MPI GIVES BACK TO RACERS!
CHRISTIAN BRUNO, WITH OWNERS BROOKE AND MIKE FAUCI, RECEIVED THE MPI PASSING MASTER AWARD AT HYPER RACING 600 SPEEDWEEK.

CHASSIS KITS
 REAR END
 FRONT END
 PAN-ARD/W-LINK
 SPROCKETS/CHAIN
 STEERING/ROOSENDS
 TIRES/WHEELS
 BRAKES/THROTTLE
 SHIFTER
 SHOCKS/TORSION
 SEATS/BELTS
 WING/ENG MOUNT
 BUMPERS/BODY
 HARDWARE/TABS/T
 COOLING
 FILE DELIVERY
 INJECTION/600 ENGINE
 270 ENGINE

Woodward Universal Joints are made to exacting standards from hardened chrome vanadium tool steel. They feature ball bearing with grease seal design, stainless truss-head screws, and two set screws at each end. 16-600 is standard on Hyper Chassis.



Woodward 3/4"-20 x 5/8"-36 U-Joint
16-600 \$89.00

Woodward 3/4"-20 x 3/4"-20 U-Joint
16-610 \$89.00

Woodward 3/4"-20 x 1 1/16"-36 U-Joint, for Power Steering
16-620 \$95.00

Borgeson Universal Joint has a 5/8"-36 spline on one end and a 5/8" hole to weld in a shaft. This universal joint is used on Hyper Chassis that use the frame mounted rack box.



Borgeson 3/4"-20 x 5/8"-36 U-Joint
16-032 \$99.00



U-Joint Bolt Kit
Remove the set screws that come in the universal and replace them with these bolts and jam nuts. Set screws can loosen over time. Upgrading to these bolts with jam nuts can provide added security.
16-601 \$4.25

HBS Steering Arms now feature 7/16"-20 threaded hole for steering rod bolt.



HBS Steering Arm, Deluxe Spindle, Axle Mounted Steering Box
Steering rod to king pin center distance is 3". 3/8"-24 thread for spindle bolt.
16-194 7/16" HOLE \$24.00



Steering Arm, Deluxe Spindle
Steering rod to king pin center distance is 3 3/4". 3/8"-16 thread for spindle bolts.
16-1965 3/8" HOLE \$29.00



3/8"-24 x 1 1/2" Hex Head Cap Screw, Titanium (each)
Fastens steering arms to spindle (2 per car).
981-06-24-1.50 \$5.95



7/16"-20 x 1 3/4" Hex Head Cap Screw, Titanium (each)
Fastens steering arms to steering rods (2 per car).
981-07-20-1.75 \$7.25



7/16"-20 x 1 1/2" Hex Head Cap Screw, Titanium (each)
Fastens steering arms to steering box (2 per car).
981-07-20-1.50 \$7.50



Steering Arm, Standard Spindles, Axle Mounted Box, Left, 3"
16-1996 \$24.00

Steering Arm, Standard Spindles, Axle Mounted Box, Right, 3"
16-1995 \$24.00



Steering Arm, Slow Ratio, Standard Spindles, Left, 4 1/2"
16-201 \$24.00

Steering Arm, Slow Ratio, Standard Spindles, Right, 4 1/2"
16-200 \$24.00

Flat Head Screws connect HBS left front caliper to the steering arm.



3/8"-24 x 2.00 Flat Head Cap Screw
Fits 16-194 steering arm.
973-06-24-2.00 \$1.95



3/8"-24 x 2" Flat Head Cap Screw, Titanium (each)
Fits 16-194 steering arm.
983-06-24-2.00 \$6.90



3/8"-16 x 2" Flat Head Cap Screw
Fits 16-196, 16-1965 steering arm.
973-06-16-2.00 \$1.60



3/8"-16 x 2.00 Flat Head Cap Screw, Titanium
Fits 16-196, 16-1965 steering arm.
983-06-16-2.00 \$6.90



Steering Arm, Quick Ratio, Standard Spindles, Left, 3 3/4"
16-198 \$24.00

Steering Arm, Quick Ratio, Standard Spindles, Right, 3 3/4"
16-199 \$24.00



Direct Steering Arm, Deluxe Spindle, Left
Use 16-1965 on right side.
16-190 \$29.00



Combo Arm for Pitman Type Steering, Deluxe Spindle
Center distance is 5" and 4 3/4" from center of kingpin to center of mounting hole.
16-220 \$34.00

shop talk

shipping notes

- Due to our high volume, we have earned great shipping rates from UPS, FedEx, and US Postal and we pass those rates along to you!
- Shipping costs are charged by weight, size of package, shipping speed and zip code.
- Deliveries to commercial address are more economical. (Home businesses are usually considered residential by shippers.)

Axle Mounted Rack and Pinion Steering Boxes feature:

- Spline: 5/8"-36 spline
- Total stroke of rack=4 1/8"
- Ratio: 1 turn of steering wheel=4.8" rack travel

16-500, 16-499 and 16-495 fit Hyper Chassis with 7/16" clevis holes and 16-498 fits many other chassis with 3/8" clevis holes.



HBS Axle Mounted Steering Box, 7/16"
16-500 \$319.00



K2W Axle Mounted Steering Box
16-499 7/16" CLEVIS HOLES \$275.00
16-498 3/8" CLEVIS HOLES \$275.00



Racinrack Frame Mounted Steering Box
Mounts onto frame and features aluminum case with steel gear and rack. Ratio: 1 full turn=8". Maximum travel is 6". Fits many manufacturer's chassis. **Does not fit Hyper Chassis.**
16-010 \$265.00



Axle Clamp for Steering Box
Use with axle mounted box instead of welding bosses onto axle. 6061 T-6 aluminum.
16-525 1 1/2" AXLE \$45.00
16-526 1 1/4" AXLE \$45.00
16-527 1 3/4" AXLE \$45.00

dial it in
rack and pinion steering
Rack systems provide a constant steering ratio as you turn the wheel. Direct steering systems have a diminishing steering ratio due to the radial path of the lower steering rod. Rack systems also allow you to adjust the ratio from quick to slow.



Steering Rack End Tab, (each)
16-5021 HBS, 7/16" \$36.00
16-5023 K2W, 3/8" \$36.00
16-5022 K2W, 7/16" \$36.00



Rack Cover (each)
Black molded rubber bellows for the axle mounted steering box's rack gear. Two needed per unit.
16-501 HBS BOX \$37.00
16-5011 K2W BOX \$17.50



Fast Ratio Pinion Gear
16-502 HBS BOX \$120.00
16-5012 K2W BOX \$75.00



Steering Rack Shaft
16-5025 HBS BOX \$154.00
16-50251 K2W BOX \$85.00



Steering Rack Bushing
16-503 HBS BOX \$28.00
16-5031 K2W BOX \$28.00

WANT MORE?
VISIT
HYPERRACING.COM
FOR MORE
PRODUCTS!



BUDDY SCHWEIBINZ
CLYDE MARTIN
MEMORIAL SPEEDWAY

Having trouble hanging onto the steering wheel on a wet or rough track? Power Steering Assembly will enable you to steer with one hand! While this unit is designed for the Hyper 600cc chassis, it may fit other brands. When installing on Hyper Chassis, use Steering Column 16-5755/5756, since it is 3" shorter than the standard steering column. Existing steering column can be modified. Add variable assist option and we will modify the harness and include set of 3 variable assist caps that can be changed to allow you to dial in the exact amount of assist being applied. Adjusts from 100% to 50%.



Power Steering Assembly

Includes power steering unit and ECU, 16-620 universal joint, upper shaft with hub and hex, clamp, and ignition switch.

16-710 SPECIFY OPTIONS STARTING AT \$1,128.00



Power Steering Unit

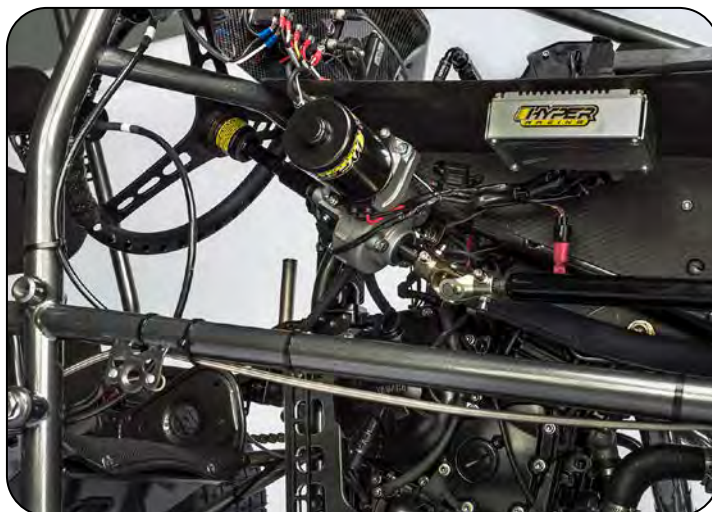
Includes motor and ECU for power steering. Choose standard or variable assist with mods and power steering caps.

16-701 VARIABLE \$892.00
16-700 STANDARD \$735.00



ECU for Power Steering Unit

16-690 \$290.00



POWER STEERING UNIT MOUNTED IN THE X7 CHASSIS



Lightweight Sliding Power Steering Column for use with our power steering unit on our 600cc. 23.5" long fully extended. Includes welded in splined end. Use with the 16-500 steering box, and 16-620, 16-600 or 16-610 universal. Has 8.5" of travel. Fits Hyper 600. 3/4"-20 splines.

Power Steering Column for '07 and up

16-5755 \$178.00

Power Steering Column for '99-'06

16-5756 \$178.00

Power Steering Clamps hold power steering unit on the steering bar. Fits a 1" bar.



Power Steering Clamp

16-675 \$75.00



Power Steering Clamp, Top Mount
 Holds the box on top of the steering bar for more knee clearance.

16-6751 \$75.00



Power Steering Variable Assist Cap (each)

Choose white for high power/assist, red for medium power/assist or black for low/power/assist. Replacement caps for variable assist unit. Cannot be used to convert standard to variable.

16-680 WHITE \$19.50

16-681 RED \$19.50

16-682 BLACK \$19.50



Rubber Boot for Steering Shaft

16-587 \$25.00



1 1/16" x 36 Spline Coupler

Fits power steering unit. 11/16" x 36 spline on one end, 3/4" bore on other.

16-630 \$38.00



Upper Steering Shaft for Power Steering with Hub & Hex

Includes a high quality quick release hub. Available in 5.5", 6.5" or 7.5" lengths.

16-673 7.5" \$119.00

16-672 6.5" \$119.00

16-671 5.5" \$119.00



Woodward 3/4"-20 x 1 1/16"-36 U-Joint, for Power Steering

16-620 \$95.00

CHASSIS KITS
 REAR END
 FRONT END
 PANHARD/W-LINK
 SPRING/SHOCK/STEERING/ROCKERS/RODS/ENDS
 TIRES/WHEELS
 BRAKES/THROTTLE
 SHIFTER
 SHOCKS/TORSION
 SEATS/BELTS
 WING/ENG MOUNT
 BUMPERS/BODY
 HARDWARE/TABS/T
 COOLING
 FUEL DELIVERY
 INJECTION/600 ENGINE
 270 ENGINE

Tri-Lock Steering System
provides a super secure way to attach hex to shaft.



No more welding! Unique design uses a tri-safety factor to attach quick release steering hex to the upper steering shaft:

- The shaft is spline-fitted to the hex.
- The hex is held on by set screws into machined undercuts.
- The hex is bolted to the shaft.



HBS Upper Tri-Lock Upper Steering Shaft Clamp Assembly
 Includes Tri-Lock upper shaft, 5/8" shaft collar, HBS splined quick release, shaft housing with bushings, and upper steering shaft clamp. Fits '07 and up 600cc chassis. Clamps onto 1" diameter frame tube.

6" Length	16-508	\$192.00
8" Length	16-5081	\$192.00
12" Length	16-5082	\$199.00



Tri-Lock HBS Upper Steering Shaft with HBS Quick Release Hub & Hex
 Includes 5/8" shaft collar.

6" Length	16-0975	\$124.00
8" Length	16-0976	\$124.00
12" Length	16-0977	\$129.00



Tri-Lock HBS Upper Steering Shaft with Hex
 Includes shaft, hex and hardware.

6" Length	16-1014	\$79.00
8" Length	16-1015	\$79.00
12" Length	16-1016	\$85.00



Tri-Lock Upper Steering Shaft

6" Length	16-112A	\$39.95
8" Length	16-112B	\$39.95
12" Length	16-112C	\$43.95



Tri-Lock Internal Splined Hex
16-649 \$42.50



Tri-Lock HBS Splined Quick Release with 16-649 Splined Hex
16-6452 \$78.00



Upper Steering Shaft Clamp
16-510 \$46.00



Long Upper Steering Shaft Clamp
 Positions wheel closer to driver.
16-511 \$52.00

Lightweight Sliding Steering Column weighs in about 1½ pounds lighter than the traditional style. Use with the 16-500 steering box and 16-600 or 16-610 universal. Features 3/4"-20 spline on both ends.



Lightweight Sliding Steering Column for 600cc
16-575 29½" FULLY EXTENDED/9" TRAVEL \$178.00

Lightweight Sliding Steering Column for '94-'15 250cc
16-576 29½" FULLY EXTENDED/9" TRAVEL \$178.00

Custom Length Sliding Steering Column, Uncoated
16-574 SPECIFY FULLY EXTENDED LENGTH \$194.00



Upper Steering Shaft Housings
 are plated chromoly or titanium and include two 01-140 bushings.

6" Length	01-141	\$17.25
8" Length	01-1415	\$17.25
8" Titanium	01-1415TI	\$35.00
12" Length	01-142	\$18.25



Upper Steering Shaft Bushing
01-140 \$3.55



5/8" Weld-On Upper Steering Shaft

6" Length	16-1115	\$32.00
8" Length	16-111A	\$38.00
12" Length	16-111C	\$38.00



HBS Weld-On Quick Release

Hub & Hex, 5/8" Shaft	16-645	\$59.00
Hex, 5/8" I.D. Shaft	16-647	\$38.00
Hub & Hex, 3/4" Shaft	16-646	\$64.00
Hex, 3/4" I.D. Shaft	16-648	\$38.00



Woodward Quick Release Hub & Weld-on Hex

5/8" shaft	16-651	\$134.00
3/4" shaft	16-650	\$134.00



Bicknell Quick Release Hub & Hex
 Welds onto 5/8" steel shaft, features hard anodized aluminum pin.
16-016 \$49.40



Bicknell Hex for 16-016
16-017 \$11.95



5/8" Shaft Collar
16-018 \$11.50



Adjustable Reamer for 5/8" Steering Shaft Bushing
80-324 \$59.00

JOE B. MILLER
TULSA SHOOTOUT



BRENDEN BRIGHT
GREENWOOD VALLEY
ACTION TRACK





Swaged Steering, Panhard and Radius Rods are 3/4" O.D., 6061 T-6 swaged aluminum. Longer 7/16" thread rods are now made from 7/8" O.D. material for strength.

+ - CUSTOMIZE IT!

Black Anodizing available. Add **B** to part number.

\$5.00

SWAGED RODS, 1/16" THREAD

1/16" Thread, 3/4" O.D.		
03-065	6.5" x 1/16"	\$11.00
03-070	7" x 1/16"	\$11.00
03-075	7.5" x 1/16"	\$11.00
03-080	8" x 1/16"	\$11.00
03-085	8.5" x 1/16"	\$11.00
03-090	9" x 1/16"	\$11.00
03-095	9.5" x 1/16"	\$11.00
03-100	10" x 1/16"	\$11.00
03-105	10.5" x 1/16"	\$11.00
03-110	11" x 1/16"	\$11.00
03-115	11.5" x 1/16"	\$11.00
03-120	12" x 1/16"	\$11.00
03-1225	12.25" x 1/16"	\$11.00
03-125	12.5" x 1/16"	\$11.00
03-130	13" x 1/16"	\$11.00
03-135	13.5" x 1/16"	\$11.00
03-1375	13.75" x 1/16"	\$11.00
03-140	14" x 1/16"	\$11.00
03-145	14.5" x 1/16"	\$11.00
03-150	15" x 1/16"	\$11.00
03-155	15.5" x 1/16"	\$11.00
03-160	16" x 1/16"	\$11.00
03-165	16.5" x 1/16"	\$11.00
03-170	17" x 1/16"	\$11.00
03-175	17.5" x 1/16"	\$11.00
03-180	18" x 1/16"	\$11.50
03-185	18.5" x 1/16"	\$14.50
03-190	19" x 1/16"	\$14.50
03-195	19.5" x 1/16"	\$14.50

SWAGED RODS, 1/16" THREAD

1/16" Thread, 7/8" O.D.		
03-200	20" x 1/16"	\$14.50
03-205	20.5" x 1/16"	\$14.50
03-210	21" x 1/16"	\$14.50
03-215	21.5" x 1/16"	\$14.50
03-220	22" x 1/16"	\$14.50
03-230	23" x 1/16"	\$14.50
03-240	24" x 1/16"	\$14.50
03-250	25" x 1/16"	\$14.50
03-260	26" x 1/16"	\$22.00
03-280	28" x 1/16"	\$22.00
03-290	29" x 1/16"	\$22.00
03-300	30" x 1/16"	\$22.00
03-310	31" x 1/16"	\$22.00
03-320	32" x 1/16"	\$22.00
03-330	33" x 1/16"	\$22.00
03-340	34" x 1/16"	\$22.00
03-350	35" x 1/16"	\$22.00
03-360	36" x 1/16"	\$22.00
03-370	37" x 1/16"	\$22.00
03-380	38" x 1/16"	\$22.00
03-395	39.5" x 1/16"	\$22.00

SWAGED RODS, 3/8" THREAD

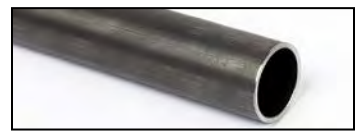
3/8" Thread, 3/4" O.D.		
02-030	3" x 3/8"	\$9.95
02-055	5.5" x 3/8"	\$11.00
02-060	6" x 3/8"	\$11.00
02-080	8" x 3/8"	\$11.00
02-090	9" x 3/8"	\$11.00
02-100	10" x 3/8"	\$11.00
02-105	10.5" x 3/8"	\$11.00
02-110	11" x 3/8"	\$11.00
02-115	11.5" x 3/8"	\$11.00
02-120	12" x 3/8"	\$11.00
02-125	12.5" x 3/8"	\$11.00
02-130	13" x 3/8"	\$11.00
02-135	13.5" x 3/8"	\$11.00
02-140	14" x 3/8"	\$11.00
02-145	14.5" x 3/8"	\$11.00
02-150	15" x 3/8"	\$11.50
02-155	15.5" x 3/8"	\$11.50
02-160	16" x 3/8"	\$11.50
02-165	16.5" x 3/8"	\$11.50
02-170	17" x 3/8"	\$11.50
02-175	17.5" x 3/8"	\$11.50
02-180	18" x 3/8"	\$11.50
02-190	19" x 3/8"	\$13.00
02-200	20" x 3/8"	\$13.00
02-235	23.5" x 3/8"	\$13.00
02-280	28" x 3/8"	\$22.00
02-290	29" x 3/8"	\$22.00
02-300	30" x 3/8"	\$22.00
02-310	31" x 3/8"	\$22.00
02-320	32" x 3/8"	\$22.00
02-330	33" x 3/8"	\$22.00
02-340	34" x 3/8"	\$22.00
02-350	35" x 3/8"	\$22.00
02-360	36" x 3/8"	\$22.00
02-380	38" x 3/8"	\$23.00



STEEL RODS, 1/16" THREAD

7/8" x .058" Chromoly, Black

03-145-1	14.5" x 1/16"	\$59.00
03-191-1	19.25" x 1/16"	\$59.00
03-205-1	20.5" x 1/16"	\$59.00
03-205-1 BENT	20.5" x 1/16"	\$59.00
03-215-1	21.5" x 1/16"	\$59.00



Make Your Own Steel Rods
7/8" x .058 4130 chromoly is sold by the foot. Use with tube inserts.
MAT 7/8X058 CR \$4.93
MAT 1X065 CR \$4.75

Weld-in Threaded Tube Inserts
fit 7/8" x .058 or 1" x .065 tubing.



THREADED TUBE INSERTS

7/16"-20, LH thread	95-775	\$8.25
7/16"-20, RH thread	95-770	\$8.25
1/2"-20, LH thread	95-755	\$15.25
1/2"-20, RH thread	95-750	\$15.25

? *know the code*

steel rod lengths

- 14.5" LF radius rod for X4-X7
- 19.25" Brake floater rod for short wheel base X7
- 20.5" Brake floater rod for long wheel base X7
- 20.5" Angled brake floater rod for long wheel base X7 with adjustable seat
- 21.5" Brake floater rod for X4 z-link geometry



RADIUS ROD TAPS

3/8" Right Hand Tap	01-551	\$8.03
3/8" Left Hand Tap	01-552	\$9.99
1/16" Right Hand Tap	01-553	\$9.95
1/16" Left Hand Tap	01-554	\$13.90
1/2" Right Hand Tap	01-555	\$14.00
1/2" Left Hand Tap	01-5551	\$15.25

shop talk

shipping notes

- Due to our high volume, we have earned great shipping rates from UPS, FedEx, and US Postal and we pass those rates along to you!

shop talk

shop/order desk hours

Monday & Tuesday:
8:30 a.m.-8 p.m.

Wednesday & Thursday:
8:30 a.m.-6 p.m.

Friday:
8:30 a.m.-noon

Saturday:
9:00 a.m.-noon

HYPER CHASSIS RADIUS ROD LENGTHS

Hyper Chassis 600cc		
X7, X6, X4 Front Radius (3)	14.5" x 7/16"	03-145
X7, X6, X4 Left Front Radius, Steel	14.5" x 7/16"	03-145-1
X5 Z-link, X4 Front Radius (3)	13.5" x 7/16"	03-135
'02-'06 Right Front Radius (2)	12" x 7/16"	03-120
'02-'06 Torsion Left Front Radius (1)	11.5" x 7/16"	03-115
'95-'06 Coil Over Right Front Radius (2)	13" x 7/16"	03-130
'95-'06 Coil Over Left Front Radius (1)	12" x 7/16"	03-120
'95 and up Front Steering for Rack (2)	see chart	
'02-'06 & X4 Rear Panhard (1)*	19" x 7/16"	03-190
X4 Rear Panhard (1)**	18" x 7/16"	03-180
X4 Rear Panhard (1)*†	20" x 7/16"	03-200
X4 Rear Panhard (1)*	19" x 7/16"	03-190
X7, X6 Rear Panhard (1)**	20" x 7/16"	03-200
X7, X6, X5 Rear Panhard (1)*	21" x 7/16"	03-210
'95-'01 Rear Panhard (1)*	17" x 7/16"	03-170
'02-'06 Front Panhard (1)	16.5" x 7/16"	03-165
X4, X5, & X6 Torsion Front Panhard (1)	16.5" x 7/16"	03-165
X7 Torsion and Coil Over Front Panhard	16.5" x 7/16"	03-165
X5, X6 Coil Over Front Panhard (1)	20" x 7/16"	03-200
'95-'01 Front Panhard (1)	15.5" x 7/16"	03-155
X4 Z-link Steel Brake Floater Rod (1)	21.5" x 7/16"	03-215-1
X7 Steel Brake Floater Rod, short wheelbase (1)	19.25" x 7/16"	03-191-1
X7 Steel Brake Floater Rod, long wheelbase (1)	20.5" x 7/16"	03-205-1
X7 Steel Brake Floater Rod, long wheelbase, Bent (1)	20.5" x 7/16"	03-205-1BENT

* panhard rod mounted in top hole in A3 or TLC Bearing Carrier
 **panhard rod mounted in clevis in TLC Bearing Carrier

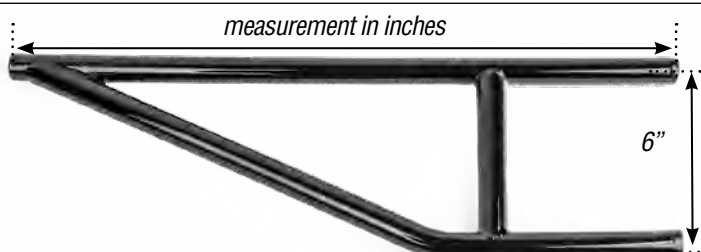
† using offset left rear torsion arm

Hyper Chassis 270cc		
'10-'15 Left Front Radius (1)	13.5" x 7/16"	03-135
'96-'09 Left Front Radius (1)	12" x 7/16"	03-120
'10-'15 Right Front Radius (2)	14" x 7/16"	03-140
'96-'09 Right Front Radius (2)	11" x 7/16"	03-110
'96-'15 Front Panhard (1)	13.5" x 7/16"	03-135
'96-'15 Front Steering, Rack (2)	see chart	
'95-'15 Left Rear Radius (2)	15.5" x 7/16"	03-155
'95-'15 Right Rear Radius (2)	16.5" x 7/16"	03-165
'95-'15 Rear Panhard Bar (1)	17" x 7/16"	03-170
'95-'15 Rear Panhard Bar, Remote Adjustable (1)	15" x 7/16"	03-150
'95 Left Front Radius (1)	12" x 3/8"	02-120
'95 Right Front Radius (2)	11" x 3/8"	02-110
'95 Front Panhard (1)	14" x 3/8"	02-140
'95 Front Steering, Rack (2)	see chart	

FRONT STEERING RODS

Frame Mounted Rack Box			Axle Mounted Rack Box		
Length	Left	Right	Length	Left	Right
34"	03-130	03-140	34" (270cc)	03-090	03-090
35"	03-1375	03-145	35" (270cc)	03-090	03-100
37" (600cc)	03-150	03-160	36" (270cc)	03-100	03-100
38" (600cc)	03-155	03-165	38" (600cc)	03-150	03-075
			39 1/2" (600cc)	03-155	03-080
			40 1/2" (600cc)	03-160	03-080
			42" (600cc)	03-160	03-100

Wishbones accept 1/2" male right hand rod end on front and (2) 7/16" male right hand rod ends on the rear. Powder coated black. Rod ends are not included.



600CC WISHBONES

Wishbone, Right, X7, 20"	03-410	\$99.00
Wishbone, X7 forward position, 19"	03-409	\$99.00
Wishbone, Left, X6 & X4, 20"	03-410	\$99.00
Wishbone, Right, X7 forward position, right hole, 20.75"	03-411	\$99.00
Wishbone, Right for X6 & X4, bottom hole, 21"	03-400	\$99.00
Wishbone, Right, X6 upper hole, 21.5"	03-401	\$99.00
Wishbone, Right, X5, 18.25"	03-412	\$99.00
Wishbone, Left, X5, 17.75"	03-413	\$99.00
Wishbone, Right, Asphalt, 26"	03-416	\$109.00
Wishbone, Left, Asphalt, 25"	03-415	\$109.00

Titanium Wishbone saves 1 pound over standard wishbone. Visit www.hyperracing.com to order.



ROD END SPACERS

7/16" I.D. x 1/4" Spacer, Titanium	70-5012	\$4.95
7/16" I.D. x 1/2" Spacer, Aluminum	70-501	\$2.50
7/16" I.D. x 1" Spacer, Aluminum	70-502	\$4.95
3/8" I.D. x 1/4" Spacer, Aluminum	70-500	\$2.50
5/16" I.D. x 1/4" Spacer	70-499	\$2.50
5/16" I.D. x 1/4" Spacer, Aluminum	70-498	\$2.50
1/2" I.D. x 1/4" Spacer, Aluminum	70-510	\$2.95
1/2" I.D. x 1/2" Spacer, Aluminum	70-511	\$2.95
1/4" I.D. x 5/8" Spacer, Aluminum Bell Crank	95-035	\$5.00



Wishbone Insert (each)
95-104 1/2"-20 \$6.50
95-103 7/16"-20 \$6.50

4130 Rod Ends are 4130 chromoly heat treated black oxide coated. Ball is 52100 bearing steel. 12,650 ULT radial load, 21 degree misalignment.

Steel Rod Ends offer high strength without the high cost. Body is zinc plated, ball is 52100 bearing steel. Chrome plated, heat treated and precision ground on all surfaces.

Aluminum Rod Ends are lightweight and black anodized. Body is 7075 aluminum, ball is 52100 bearing steel and race is low friction injection molded nylon fiber matrix.



4130 CHROMOLY ROD ENDS

3/8" 4130 Male Right, Black	71-CMR6BLK	\$5.95
3/8" 4130 Male Left, Black	71-CML6BLK	\$5.95
7/16" 4130 Male Right, Black	71-CMR7BLK	\$7.25
7/16" 4130 Male Left, Black	71-CML7BLK	\$7.25
1/2" 4130 Male Right, Black	71-CMR8	\$8.25
1/2" 4130 Male Left, Black	71-CML8	\$8.25

STEEL ROD ENDS & JAM NUTS

Plated Steel Rod Ends

10-32 (#10) Steel Female Right	71-CFR3	\$3.90
10-32 (#10) Steel Male Right	71-CMR3	\$3.90
1/4" Steel Male Right	71-CMR4	\$3.89
1/4" Steel Male Left	71-CML4	\$3.89
1/4" Steel Female Right	71-CFR4	\$3.89
1/4" Steel Female Left	71-CFL4	\$3.89
5/16" Steel Male Right	71-CMR5	\$3.89
5/16" Steel Male Left	71-CML5	\$3.89
5/16" Steel Female Right	71-CFR5	\$3.89
5/16" Steel Female Left	71-CFL5	\$3.89
3/8" Steel Male Right	71-CMR6	\$3.99
3/8" Steel Male Left	71-CML6	\$3.99
3/8" Steel Female Right	71-CFR6	\$3.99
3/8" Steel Female Left	71-CFL6	\$3.99
7/16" Steel Male Right	71-CMR7	\$5.49
7/16" Steel Male Left	71-CML7	\$5.49
7/16" to 1/2" Steel Male Right	71-CMR7-8	\$8.25
7/16" Steel Female Right	71-CFR7	\$5.49
7/16" Steel Female Left	71-CFL7	\$5.49
1/2" Steel Female Right	71-CFR8	\$5.95

ALUMINUM ROD ENDS & JAM NUTS

Aluminum Rod Ends

1/4" Aluminum Male Right*	71-AMR4	\$6.70
1/4" Aluminum Male Left*	71-AML4	\$6.70
1/4" Aluminum Female Right*	71-AFR4	\$6.70
5/16" Aluminum Male Right	71-AMR5	\$7.60
5/16" Aluminum Male Left	71-AML5	\$7.60
5/16" Aluminum Female Right	71-AFR5	\$7.60
3/8" Aluminum Male Right	71-AMR6	\$10.95
3/8" Aluminum Male Left	71-AML6	\$10.95
7/16" Aluminum Male Right	71-AMR7	\$12.95
7/16" Aluminum Male Left	71-AML7	\$12.95
7/16" Aluminum Female Right*	71-AFR7	\$12.95

* clear anodized, not black

Aluminum Jam Nuts

3/8"-24 Aluminum Right Nut	70-420	\$1.30
3/8"-24 Aluminum Left Nut	70-421	\$1.30
7/16"-20 Aluminum Right Nut	70-425	\$1.45
7/16"-20 Aluminum Left Nut	70-426	\$1.45



Rod End 6-Packs include: 6 right hand rod ends, 6 left hand rod ends, 6 right hand jam nuts and 6 left hand jam nuts.

4130 Chromoly Male Rod End 6-Pack, Black
71-1112 7/16" 4130 \$82.50
71-1115 1/2" 4130 \$94.50



1/2" Heavy Duty Male Rod Ends for torsion arms and Jacob's ladder are precision 4130 chromoly heat treated and chrome plated. Ball is 52100 bearing steel, heat treated and hard chrome plated. Right hand thread.

HEAVY DUTY ROD ENDS

Heavy Duty Rod Ends for Rear Torsion

7/16" x 1/2" PMX 4130 Male Right	71-PMX7-8	\$17.25
1/2" PMX 4130 Male Right	71-PMX8	\$16.95

Heavy Duty Rod End for Jacob's Ladder

3/8" x 1/8" PMX 4130 Male Right	71-PMX6-7	\$15.95
3/8" PMX 4130 Male Right	71-PMX6	\$11.25

know the code

left & right

Hold the rod end up with the bearing at the top. If the threads point up and to the right, it is a right hand thread; up and to the left, it is a left hand thread. Left jam nuts are gold. The left ends on the radius rods are knurled.



Rod End 6-Packs include: 6 right hand rod ends, 6 left hand rod ends, 6 right hand jam nuts and 6 left hand jam nuts.

Steel Male Rod End 6-Pack

71-1111 7/16" STEEL \$59.50
71-0000 3/8" STEEL \$48.50



7/16" Aluminum Male Rod End 6-Pack
71-1113 \$139.00

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



69-70"

HOOSIER 69/10-10 WIDE

69/10-10 Wide RD12	22-211	\$156.50
69/10-10 Wide D12	22-2115	\$156.50
69/10-10 Wide RD15	22-212	\$156.50
69/10-10 Wide D20	22-213	\$156.50
69/10-10 Wide RD20	22-2135	\$156.50
69/10-10 Wide D25	22-214	\$156.50
69/10-10 Wide KS1	22-2151	\$156.50
69/10-10 Wide ASCS2 Stamp	22-216	\$156.50
69/10-10 Wide U6SA Stamp	22-217	\$156.50



69"

HOOSIER 69/10-10

69/10-10 RD15	22-203	\$152.00
69/10-10 D25	22-205	\$152.00



dial it in

how to measure stagger

Set the tire pressure. Elevate the rear end so that the tires spin freely. Measure the circumference of each side using a stagger tape. Right tire circumference minus left tire circumference equals the amount of stagger.

- More stagger will loosen chassis
- Less stagger will tighten chassis



65"

HOOSIER 65/10-10

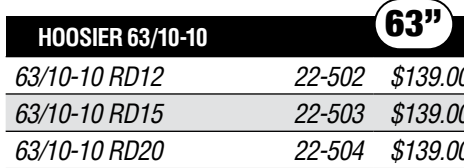
65/10-10 D12	22-402	\$144.00
65/10-10 RD12	22-4025	\$144.00
65/10-10 RD15	22-403	\$144.00
65/10-10 RD20	22-4045	\$144.00



64"

HOOSIER 64/10-10

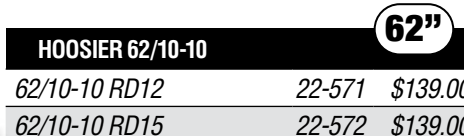
64/10-10 RD12	22-421	\$139.00
64/10-10 RD15	22-422	\$139.00



63"

HOOSIER 63/10-10

63/10-10 RD12	22-502	\$139.00
63/10-10 RD15	22-503	\$139.00
63/10-10 RD20	22-504	\$139.00



62"

HOOSIER 62/10-10

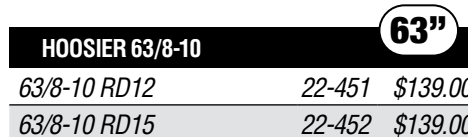
62/10-10 RD12	22-571	\$139.00
62/10-10 RD15	22-572	\$139.00



64"

HOOSIER 64/8-10

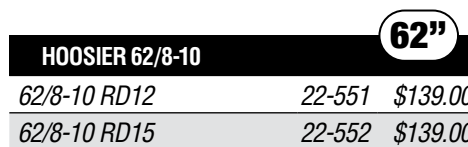
64/8-10 RD12	22-410	\$139.00
64/8-10 RD15	22-411	\$139.00



63"

HOOSIER 63/8-10

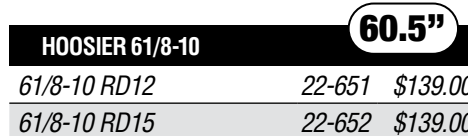
63/8-10 RD12	22-451	\$139.00
63/8-10 RD15	22-452	\$139.00



62"

HOOSIER 62/8-10

62/8-10 RD12	22-551	\$139.00
62/8-10 RD15	22-552	\$139.00



60.5"

HOOSIER 61/8-10

61/8-10 RD12	22-651	\$139.00
61/8-10 RD15	22-652	\$139.00



60.5"

HOOSIER 61/10-10

61/10-10 RD12	22-602	\$139.00
61/10-10 RD15	22-603	\$139.00



dial it in

tire sizes

Tire sizes are provided for comparison purposes and are approximate!



60"

HOOSIER 60/7-10

60/7-10 D12	22-702	\$135.00
60/7-10 D15	22-703	\$135.00
60/7-10 D20	22-704	\$135.00



57"

HOOSIER 57/6.5-10

57/6.5-10 D12	22-901	\$137.00
57/6.5-10 D15	22-902	\$137.00
57/6.5-10 D20	22-904	\$137.00



58.5"

HOOSIER 59/8-10

59/8-10 RD12	22-851	\$137.00
59/8-10 RD15	22-852	\$137.00



57"

HOOSIER 57/6-10

57/6-10 D12	22-951	\$105.00
57/6-10 D15	22-952	\$105.00
57/6-10 D20	22-953	\$105.00



57"

HOOSIER 58/7-10

58/7-10 D12	22-860	\$109.00
58/7-10 D15	22-861	\$109.00

know the code

tire compounds

	Hoosier	American Racer
Soft	D10	SD23/SD30
	RD12	
	D12	SD33/SD35
	RD15	
	SP2	SD38/SD40
SP3	RD20	
	D25	SD48
	KS1	
	ASCS2	D30
Hard	SP4	MD50/MD57

Van Alstine Groover is a beast. Blade heats up in three seconds and cools fast. Cuts like butter. Change blades in seconds. One head fits all blade sizes. Four heat ranges. Includes two of each blade: #4, #6, #8, #10.



Professional Tire Grooving Iron 80-219 \$389.00



Professional Tire Siping Tool 80-222 \$219.00
Make the small close sipes that really make a difference in how your tire performs. Sipes easily and accurately with control and visibility. Cut sipes and small grooves. Adjust and change blades quickly.



Bead Breaker for 10" Wheels 80-003 \$79.00



Longacre Digital Tire Pressure Gauge, 0-60 psi 80-0013 \$39.99

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TT
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



69.5"

AMERICAN RACER 70 X 13-10 GT

70 x 13-10 SD23 GT	20-190	\$153.00
70 x 13 SD33 GT	20-192	\$153.00
70 x 13 SD40 GT	20-194	\$153.00
70 x 13 SD44 GT	20-199	\$153.00
70 x 13 SD48 GT	20-196	\$153.00
70 x 13 MD57 GT/SPEC Stamp	20-200	\$153.00



66"

AMERICAN RACER 20.5/10-10 GT

20.5/10-10 SD23 GT	20-010	\$139.00
20.5/10-10 SD33 GT	20-011	\$139.00
20.5/10-10 SD44 GT	20-013	\$139.00



63"

AMERICAN RACER 63/10-10 GTW

63/10-10 SD23 GT	20-026	\$139.00
63/10-10 SD33 GT	20-027	\$139.00
63/10-10 SD38 GT	20-028	\$139.00



69.5"

AMERICAN RACER 21.5/10-10 GTW

21.5/10-10 SD23 GTW	20-150	\$153.00
21.5/10-10 SD44 GTW	20-153	\$153.00
21.5/10-10 SD48 GTW	20-154	\$153.00



63"

AMERICAN RACER 20/10-10 GT

20/10-10 SD23 GT	20-020	\$139.00
20/10-10 SD33 GT	20-021	\$139.00
20/10-10 SD40 GT	20-022	\$139.00



61"

AMERICAN RACER 19/10-10 GTW

19/10-10 SD23 GT	20-031	\$133.00
19/10-10 SD44 GT	20-034	\$133.00

dial it in

how to measure stagger

Set the tire pressure. Elevate the rear end so that the tires spin freely. Measure the circumference of each side using a stagger tape. Right tire circumference minus left tire circumference equals the amount of stagger.

- More stagger will loosen chassis
- Less stagger will tighten chassis



PROS LIKE LAMAR SHAFFER OF LHS ENGINES KNOW TIRE PREP IS ESSENTIAL. GRINDING RENEWS OLDER TIRES.



60"

AMERICAN RACER 19/8-10 GT

19/8-10 SD23/SD30 GT	20-050	\$129.00
19/8-10 SD33/SD35 GT	20-051	\$129.00
19/8-10 SD40 GT	20-0515	\$129.00



57"

AMERICAN RACER 18/8-10 GT

18/8-10 SD23 GT	20-070	\$111.00
18/8-10 SD35 GT	20-071	\$111.00
18/8-10 SD40 GT	20-072	\$111.00



57"

AMERICAN RACER 18/6-10 GT

18/6-10 SD23 GT	20-080	\$105.00
18/6-10 SD40 GT	20-082	\$105.00
18/6-10 SD44 GT	20-083	\$105.00



57"

AMERICAN RACER 18/10-10 GT

18/10-10 SD23 GT	20-068	\$122.00
18/10-10 SD33 GT	20-069	\$122.00



57"

AMERICAN RACER 57/6.5-10 GT

57/6.5-10 SD23 GT	20-100	\$105.00
57/6.5-10 SD33 GT	20-101	\$105.00
57/6.5-10 SD38 GT	20-102	\$105.00



Tire Offset Stick

Used to measure the offset of your tires.

80-417 \$28.00



10' x 1/4" Stagger Tape

80-002 \$6.95

Grinding Accessories are the ultimate tool in tire prep. Grinding the worn surface makes edges sharp again and adds new life



24 Grit 7" Grinding Wheel

80-650 \$22.50



7" Backing Pad

80-651 \$65.00

5/8"-11 Retainer Nut

80-658 \$13.95

know the code

tire compounds

	Hoosier	American Racer
Soft	D10	SD23/SD30
	RD12	
	D12	SD33/SD35
	RD15	
SP2	D15	SD38/SD40
	D20	SD44
	SP3	RD20
	D25	SD48
Hard	KS1	
	ASCS2	D30
	SP4	MD50/MD57



Longacre Analog Pressure Gauge, 0-15 psi
80-0012 \$49.99

dial it in

tire sizes

Tire sizes are provided for comparison purposes and are approximate!

CHASSIS KITS
REAR END
FRONT END
PAN/ARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/T
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

Build your own Keizer 10" Wheels! Save when you buy complete wheels and get them exactly the way you want!

Everything is configurable with *BYO* Wheels!

Want one half black, the other polished? Don't need bead lock rings? No problem! Build it how you want it. Check out all the options and get creative.

These custom configured wheels will save you over 10% when compared to purchasing the parts individually.

Ring Mount Halves do not include the bead lock ring. Add the ring you want in the **Select Ring** option. If you do not choose a ring, you will not get one.

Keizer presents a great looking, strong wheel at an economical price. Pair it with the well-designed, lightweight HBS Wheel Center for an unbeatable combination of performance and affordability! Keizer non-bead lock wheels feature a rolled lip for strength on the outer rim. Wheels and halves are polished unless you specify black.

These wheels will come un-assembled. Valve stem holes are never drilled, so you can place your valve stem on the inner or outer half.

**KEIZER WHEELS
10" X 13" BEAD LOCK
POLISHED. SHIPPED
UNASSEMBLED.**

? know the code

rear wheel sizes

Typically the left rear wheel on a 600 is a 6" on 4" or a 7" on 3" if you run 10", or a 5" on 3" or 4" on 4" if you run an 8". Many teams are starting to run an inner bead lock on the left rear to keep the tire from peeling off the bead on a rough track.

The 600's right rear offsets can vary even more. Axle width is a determining factor. For standard 53" axles, 8" on 5" is normal. Many z-link rear suspension cars use a 7" on 5". For the wider 55" or 57" wide rear axles, you can also use wheels with less offset which moves the wheel center in by running a 7" on 6" or even a 6" on 7".

If you want to get the right rear out but don't have enough axle length, you can go to a 9" or 10" outer wheel half with a 2", 3" or 4" inner.

270's typically run 5" on 3" on the left rear and a 6" on 4" on the right rear.

? know the code

offset and backspacing

Always refer to the wheel width stating the outer half first and the inner half last. Example: a 10" wide wheel with a 6" outer half and a 4" inner half would be referred to as a 6" on 4" wheel. You'll also hear the term "Offset" or "Backspacing", these refer to the inner wheel half size. A 6" on 4" could be stated as a "10" wheel with 4" backspacing or 4" offset".

**WANT MORE?
VISIT
HYPERRACING.COM
FOR MORE
PRODUCTS!**





842-000

**BUILD YOUR OWN KEIZER
10" REAR WHEEL**

1. SELECT INSIDE WHEEL HALF:

- 2"-7" Polished
- 2"-7" Black
- 2"-6" Ring Mount Polished
- 2"-6" Ring Mount Black
- 3"-5" Bell Polished
- 3"-5" Bell Black

2. SELECT OUTSIDE WHEEL HALF:

- 2"-9" Polished
- 2"-9" Black
- 2"-10" Ring Mount Polished
- 2"-10" Ring Mount Black

3. SELECT REAR WHEEL CENTER:

- 1³/₄" HBS Rear Wheel Center
- 2" HBS Rear Wheel Center
- 1³/₄" Keizer Rear Wheel Center
- 2" Keizer Rear Wheel Center

**4. SELECT INSIDE RING
(if a ring mount was selected on
inside half)**

- No Bead Lock Ring
- Polished Bead Lock Ring
- Polished Bead Lock Ring for Mud Cover (No Mud Cover included)
- Polished Bead Lock Ring for Mud Cover including Mud Cover
- Black Bead Lock Ring
- Black Bead Lock Ring for Mud Cover (No Mud Cover included)
- Black Bead Lock Ring for Mud Cover including Mud Cover

**5. SELECT OUTSIDE RING
(if a ring mount was selected on
outside half)**

- No Bead Lock Ring
- Polished Bead Lock Ring
- Polished Bead Lock Ring for Mud Cover (No Mud Cover included)
- Polished Bead Lock Ring for Mud Cover including Mud Cover
- Black Bead Lock Ring
- Black Bead Lock Ring for Mud Cover (No Mud Cover included)
- Black Bead Lock Ring for Mud Cover including Mud Cover

6. SELECT VALVE STEM:

- Chrome Valve Stem
- Lightweight Aluminum Valve Stem
- Rubber Valve Stem

7. SELECT WHEEL CENTER BOLT KIT:

- Grade 8 Wheel Center Bolt Kit
- Titanium Wheel Center Bolt Kit

**8. SELECT BEAD LOCK BOLT KIT:
(if a bead lock ring was selected)**

- Grade 8 Bead Lock Bolt Kit
- Titanium Bead Lock Bolt Kit

**9. ADD WHEEL CENTER GASKET:
(not needed if using silicone)**

- None
- Add Wheel Center Gasket

842-001

**BUILD YOUR OWN KEIZER
10" FRONT WHEEL**

1. SELECT INSIDE WHEEL HALF:

- 2"-6" Polished
- 2"-6" Black
- 3"-6" Bell Polished
- 3"-6" Bell Black

2. SELECT OUTSIDE WHEEL HALF:

- 2"-7" Polished
- 2"-7" Black
- 2"-7" Ring Mount Polished
- 2"-7" Ring Mount Black

3. SELECT FRONT WHEEL CENTER:

- 1³/₄" HBS Front Wheel Center
- 2" HBS Front Wheel Center
- 1³/₄" Keizer Front Wheel Center
- 2" Keizer Front Wheel Center

**5. SELECT OUTSIDE RING
(if a ring mount was selected on
outside half)**

- No Bead Lock Ring
- Polished Bead Lock Ring
- Polished Bead Lock Ring for Mud Cover (No Mud Cover included)
- Polished Bead Lock Ring for Mud Cover including Mud Cover
- Black Bead Lock Ring
- Black Bead Lock Ring for Mud Cover (No Mud Cover included)
- Black Bead Lock Ring for Mud Cover including Mud Cover

6. SELECT VALVE STEM:

- Chrome Valve Stem
- Lightweight Aluminum Valve Stem
- Rubber Valve Stem

7. SELECT WHEEL CENTER BOLT KIT:

- Grade 8 Wheel Center Bolt Kit
- Titanium Wheel Center Bolt Kit

**8. SELECT BEAD LOCK BOLT KIT:
(if a bead lock ring was selected)**

- Grade 8 Bead Lock Bolt Kit
- Titanium Bead Lock Bolt Kit

**9. ADD WHEEL CENTER GASKET:
(not needed if using silicone)**

- None
- Add Wheel Center Gasket

? know the code

front wheel sizes

Typically the front wheels on a 600 dirt car are 5" on 2" (5" outer with a 2" inner half) or a 4" on 3" with a bell half on the inner for the left front. The 270's typically run a 3" on 3".



KEIZER'S ROLLED LIP WHEEL ADDS STRENGTH AT THE RIM

KEIZER 10" NON-BEAD LOCK WHEEL HALVES

Select options from list below.

Keizer 10" x 2" Wheel Half	841-1020	\$44.00
Keizer 10" x 3" Wheel Half	841-1030	\$47.00
Keizer 10" x 3" Big Bell Wheel Half*	841-1030B	\$47.00
Keizer 10" x 4" Wheel Half	841-1040	\$49.00
Keizer 10" x 4" Big Bell Wheel Half*	841-1040B	\$49.00
Keizer 10" x 5" Wheel Half	841-1050	\$50.00
Keizer 10" x 5" Big Bell Wheel Half*	841-1050B	\$51.00
Keizer 10" x 6" Wheel Half	841-1060	\$55.00
Keizer 10" x 6" Big Bell Wheel Half*	841-1060B	\$55.00
Keizer 10" x 7" Wheel Half	841-1070	\$55.00
Keizer 10" x 8" Wheel Half	841-1080	\$61.00
Keizer 10" x 9" Wheel Half	841-1090	\$66.00

*Big Bell Wheel Half for use with front brake



KEIZER 5" BEAD LOCK WHEEL HALF

KEIZER 10" RING MOUNT WHEEL HALVES

Select options from list below.

Keizer 10"x 2" Bead Lock Wheel Half	841-1021X	\$73.00
Keizer 10"x 3" Bead Lock Wheel Half	841-1031X	\$78.00
Keizer 10"x 4" Bead Lock Wheel Half	841-1041X	\$81.00
Keizer 10"x 5" Bead Lock Wheel Half	841-1051X	\$83.00
Keizer 10"x 6" Bead Lock Wheel Half	841-1061X	\$84.00
Keizer 10"x 7" Bead Lock Wheel Half	841-1071X	\$87.00
Keizer 10"x 8" Bead Lock Wheel Half	841-1081X	\$94.00
Keizer 10"x 9" Bead Lock Wheel Half	841-1091X	\$97.00
Keizer 10"x 10" Bead Lock Wheel Half	841-1011X	\$99.95

shop talk

lighten up

Each bead lock wheel half adds 1 1/2 pounds of rotating weight.

shop talk

ring mount halves

Ring mount wheel halves are simply bare beadlock half without ring or bolts. Ring mount half part numbers end in "X."

know the code

offset and backspacing

Always refer to the wheel width stating the outer half first and the inner half last. Example: a 10" wide wheel with a 6" outer half and a 4" inner half would be referred to as a 6" on 4" wheel. You'll also hear the term "Offset" or "Backspacing", these refer to the inner wheel half size. A 6" on 4" could be stated as a "10" wheel with 4" backspacing or 4" offset".

+ - CUSTOMIZE IT!

WHEEL HALF FINISH

- Polished
- Black \$15.00

BEAD LOCK RING (if ring mount half was selected)

- No Bead Lock Ring
- Polished Bead Lock Ring \$40.00
- Polished Bead Lock Ring for Mud Cover \$40.00
- Black Bead Lock Ring \$40.00
- Black Bead Lock Ring for Mud Cover \$40.00

MUD COVER FINISH (if mudcover ring was selected)

- Polished Mud Cover Plate \$39.00
- Black Mud Cover Plate \$39.00

BEAD LOCK BOLT KIT: (if a bead lock ring was selected)

- Grade 8 Bead Lock Bolt Kit
- Titanium Bead Lock Bolt Kit \$28.95



KEIZER 5" RING MOUNT WHEEL HALF



Keizer 10" Bead Lock Ring
 841-990 **POLISHED \$40.00**
 841-990-BLK **BLACK \$40.00**



Keizer Inner Wheel Mud Cover
 Keeps mud off the inner right rear wheel. This mud cover will replace a 1/2" axle spacer. Choose 1 3/4" or 2" axle version.
 841-980 **1 3/4" AXLE \$19.50**
 841-981 **2" AXLE \$27.00**



Keizer 10" Mud Cover System
 Includes the bead lock ring with tabs and panel fasteners and mud cover plate with buttons.
 841-9995 **POLISHED \$76.00**
 841-9995-BLK **BLACK \$76.00**



Keizer 10" Bead Lock Ring for Mud Cover with Tabs
 Ring (only) with springs attached.
 841-9990 **POLISHED \$40.00**
 841-9990-BLK **BLACK \$40.00**



Keizer 10" Mud Cover Plate
 Plate (only) with buttons.
 841-9998 **POLISHED \$35.00**
 841-9998-BLK **BLACK \$35.00**



3/8" Black Panel Fastener for Keizer Mud Cover (each)
 841-985 **\$2.75**



Conversion Kit for Mud Cover
 Clip-on insert replaces your panel fastener spring for when track requires bolt-on mudcover.
 841-979 **\$11.70**



SPRINGS
 1 3/8" Spring (each) 15-105 **\$.94**



3/8" Nylon Washer, for Keizer Mud Cover (each)
 841-986 **\$.65**

know the code

rear wheel sizes
 Typically the left rear wheel on a 600 is a 6" on 4" or a 7" on 3" if you run 10", or a 5" on 3" or 4" on 4" if you run an 8". Many teams are starting to run an inner bead lock on the left rear to keep the tire from peeling off the bead on a rough track.

The 600's right rear offsets can vary even more. Axle width is a determining factor. For standard 53" axles, 8" on 5" is normal. Many z-link rear suspension cars use a 7" on 5". For the wider 55" or 57" wide rear axles, you can also use wheels with less offset which moves the wheel center in by running a 7" on 6" or even a 6" on 7".

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270's typically run 5" on 3" on the left rear and a 6" on 4" on the right rear.

know the code

front wheel sizes
 Typically the front wheels on a 600 dirt car are 5" on 2" (5" outer with a 2" inner half) or a 4" on 3" with a bell half on the inner for the left front. The 270's typically run a 3" on 3".



FOR BOBBY BUTLER, HARD WORK PAYS OFF AND SO DOES THE EVO INJECTION WITH SPEEDWEEK SUCCESS.

Weld Racing, a pioneer in racing technology, has developed the strongest, lightest and most efficient bead lock available. Halves are cold forged from a proprietary aluminum alloy stronger than 6061-T6, an exclusive of Weld Racing. Cold forged rim halves are formed perfectly smooth and are designed to be thin where needed for weight savings and thick in the tire mounting areas. Weld 3-Piece Wheels are polished and unassembled. Offset or backspacing (width of inner half) is shown in parenthesis.



WELD 10" BEAD LOCK WITH HBS CENTER (ASSEMBLY REQUIRED)



WELD 10" FRONT WHEEL (ASSEMBLY REQUIRED)

shop talk

hyper university

To further your education, read our setup manuals, assembly manuals, set-up theory and much more on our website at www.hyperracing.com.

shop talk

lighten up

Each bead lock wheel half adds 1 1/2 pounds of rotating weight.

WELD 3-PIECE REAR WHEEL KITS

Weld 3-Piece Wheel Kit includes: inner and outer wheel half, HBS Splined Rear Wheel Center, wheel center bolt kit, and valve stem.

Weld 3-Piece Rear Wheels with 1 1/4" HBS Wheel Center, Splined Rear		
Weld 10" x 8" w/ HBS Center (3")	560-1813	\$241.00
Weld 10" x 8" Bead Lock w/ HBS Center (3")	560-1823	\$351.00
Weld 10" x 10" w/ HBS Center (3")	560-1013	\$245.00
Weld 10" x 10" w/ HBS Center (4")	560-1014	\$245.00
Weld 10" x 10" Bead Lock w/ HBS Center (3")	560-1023	\$360.00
Weld 10" x 10" Bead Lock w/ HBS Center (4")	560-1024	\$374.00
Weld 10" x 11" Bead Lock w/ HBS Center (4")	560-1124	\$365.00
Weld 10" x 12" Bead Lock w/ HBS Center (4")	560-1224	\$372.00
Weld 10" x 13" Bead Lock w/ HBS Center (5")	560-1325	\$376.00
Weld 10" x 13" Bead Lock w/ HBS Center (4")	560-1324	\$379.00
Weld 10" x 14" Bead Lock w/ HBS Center (5")	560-1425	\$380.00
Weld 3-Piece Rear Wheels with 2" HBS Wheel Center, Splined Rear		
Weld 10" x 8" w/ 2" HBS Center (3")	563-1813	\$241.00
Weld 10" x 8" Bead Lock w/ 2" HBS Center (3")	563-1823	\$351.00
Weld 10" x 10" w/ 2" HBS Center (3")	563-1013	\$245.00
Weld 10" x 10" w/ 2" HBS Center (4")	563-1014	\$243.00
Weld 10" x 10" Bead Lock w/ 2" HBS Center (3")	563-1023	\$364.00
Weld 10" x 10" Bead Lock w/ 2" HBS Center (4")	563-1024	\$379.00
Weld 10" x 13" Bead Lock w/ 2" HBS Center (4")	563-1324	\$384.00
Weld 10" x 13" Bead Lock w/ 2" HBS Center (5")	563-1325	\$384.00
Weld 10" x 14" Bead Lock w/ 2" HBS Center (5")	563-1425	\$388.00

WELD FRONT WHEEL KITS

Weld Front Wheel Kit includes: inner half (select big bell for left front brake), outer half, bolt kit, and valve stem. Front wheel centers sold separately.

Weld 10" x 6" Front Wheel (3" big bell inner)	860-1613B	\$150.00
Weld 10" x 6" Front Wheel (3")	860-1613	\$150.00
Weld 10" x 6" Bead Lock Front Wheel (3" big bell inner)	860-1623B	\$275.00
Weld 10" x 6" Bead Lock Front Wheel (3")	860-1623	\$275.00
Weld 10" x 7" Front Wheel (3" big bell inner)	860-1713B	\$155.00
Weld 10" x 7" Front Wheel (3")	860-1713	\$155.00
Weld 10" x 7" Front Wheel (4" big bell inner)	860-1714B	\$155.00
Weld 10" x 7" Front Wheel (4")	860-1714	\$155.00
Weld 10" x 7" Bead Lock Front Wheel (3" big bell inner)	860-1723B	\$290.00
Weld 10" x 7" Bead Lock Front Wheel (3")	860-1723	\$290.00
Weld 10" x 7" Bead Lock Front Wheel (4" big bell inner)	860-1724B	\$281.00
Weld 10" x 7" Bead Lock Front Wheel (4")	860-1724	\$281.00
Weld 10" x 8" Front Wheel (3" big bell inner)	860-1813B	\$161.00
Weld 10" x 8" Front Wheel (3")	860-1813	\$161.00
Weld 10" x 8" Front Wheel (4")	860-1814	\$164.00
Weld 10" x 8" Bead Lock Front Wheel (3")	860-1823	\$293.00
Weld 10" x 8" Bead Lock Front Wheel (4")	860-1824	\$295.00

WHEEL BOLT KITS, VALVE STEMS & MORE FOUND ON PAGE 64

+ - CUSTOMIZE IT!

Mud Cover Option on Weld bead lock wheel or half
650-9999 **\$45.00**

Weld Wheel Halves are finished to a mirror polish. Valve stem holes are never drilled, so you can place your valve stems on the inner or outer half. As always, non-bead lock styles feature rolled lip for strength.



WELD WHEEL HALF

WELD BIG BELL WHEEL HALF

WELD WHEEL HALVES

Weld 10" x 2" Wheel Half	851-1020	\$68.00
Weld 10" x 2" Bead Lock Wheel Half	851-1021	\$168.00
Weld 10" x 3" Big Bell Wheel Half*	851-1030B	\$74.00
Weld 10" x 3" Wheel Half	851-1030	\$74.00
Weld 10" x 3" Bead Lock Wheel Half	851-1031	\$197.00
Weld 10" x 4" Big Bell Wheel Half*	851-1040B	\$80.00
Weld 10" x 4" Wheel Half	851-1040	\$80.00
Weld 10" x 4" Bead Lock Wheel Half	851-1041	\$211.00
Weld 10" x 5" Wheel Half	851-1050	\$84.00
Weld 10" x 5" Bead Lock Wheel Half	851-1051	\$214.00
Weld 10" x 6" Wheel Half	851-1060	\$88.50
Weld 10" x 6" Bead Lock Wheel Half	851-1061	\$239.00
Weld 10" x 7" Wheel Half	851-1070	\$97.00
Weld 10" x 7" Bead Lock Wheel Half	851-1071	\$229.00
Weld 10" x 8" Wheel Half	851-1080	\$99.00
Weld 10" x 8" Bead Lock Wheel Half	851-1081	\$237.00
Weld 10" x 9" Wheel Half	851-1090	\$104.00
Weld 10" x 9" Bead Lock Wheel Half	851-1091	\$245.00

*Big Bell Wheel Half for use with front brake



Weld Bead Lock Ring
650-5202 \$78.00



Weld Mud Cover System
Includes bead lock ring and cover.
650-5310 \$125.00

Weld Bead Lock Ring for Mud Cover
650-6000 \$78.00

Weld Mud Cover
650-5160 \$45.00



Bead Breaker for 10" Wheels
80-003 \$79.00



3/8" Undercut Panel Fastener (each)
For Weld mud cover.
851-2002 \$1.99



1 1/2" Spring, for Weld Bead Lock (each)
Fits Weld bead lock ring tabs.
Does not fit Keizer.
851-2000 \$1.05



3/8" Nylon Washer, for Weld Bead Lock (each)
851-2001 \$0.29



Set-Up Blocks are adjustable from 1" to 3/4" at 1/4" increments with many 1/8" increments. 15/8", 17/8", 21/8", 25/8", 27/8", and 31/8" heights are provided. CNC machined aluminum, anodized, post machined and laser etched.
Set-Up Blocks (set, as shown)
80-600 \$79.50



AUSTIN QUICK
CLYDE MARTIN
MEMORIAL SPEEDWAY

CHASSIS KITS
REAR END
FRONT END
PAN-ARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/T
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

BILLY PAUCH JR.
ACTION TRACK USA



JOEY KAY
GREENWOOD VALLEY
ACTION TRACK



BRANDON ROSE
TULSA SHOOTOUT



COLIN WHITE
KENNY MILLER III
ACTION TRACK USA



CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPERS/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



Aluminum Valve Stem
Lightweight, quality aluminum valve stem weighs only 12 grams! Less than half the weight of chrome valve stem (27 grams). Requires 7/16" hole and valve stem puller.
25-128 \$3.50



Chrome Valve Stem
Drill a 7/16" hole.
25-130 \$3.25



Rubber Valve Stem
25-129 \$1.75



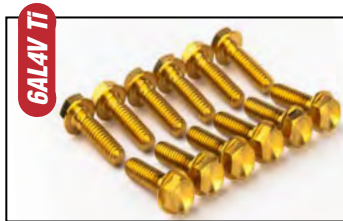
Self Clinching 1/4"-20 Nut
Fits HBS or newer Keizer centers and Weld or Keizer bead locks.
25-550 \$1.09



Valve Stem Removal Tool
Screwdriver style tool removes valve stem cores for rapidly inflating or deflating a tire.
25-120 \$5.50



Valve Stem Tool
25-125 \$3.50



HBS Rear Wheel Center Bolt Kit Titanium
Includes (12) 1/4"-20 x 7/8" titanium with flange so no washer is needed. Fastens one wheel center to two wheel halves.
25-5065TI \$43.50



Beadlock Bolt Kit, Titanium
Fits Weld, Keizer and other brands. 10 each: 1/4"-20 x 7/8" titanium flanged bolts. With flanged bolts, no washer is needed, so changing tires in a hurry is easier since you do not need to search for the washers you dropped on the floor!
601-3005TI \$37.30

1/4"-20 x 7/8" Flanged Bolt for Beadlock, Titanium (each)
981-04-20-.88 \$5.58



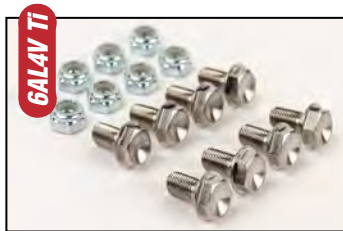
Bolt Kit for HBS Rear Center
Bolts one wheel center to the two wheel halves. Includes 1/4"-20 x 1" grade 8 bolts and 1/4" washers.
25-5065 \$4.95



Bead Lock Bolt Kit
10 each: 1/4"-20 x 3/4" bolts, washers.
601-3005 \$4.95



Lug Nuts, 5/16"-18 (pack of 4)
25-133 \$3.80



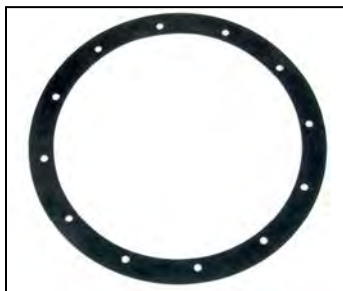
Front Wheel Center Bolt Kit, Titanium
Bolt two wheel halves together for use with spindle mount front hubs/centers.
25-507TI \$25.75
1/4"-28 x 5/8" Front Wheel Center Bolt, Titanium (each)
981-04-28-.62 \$3.18



Front Wheel Center Bolt Kit
Bolt two wheel halves together for use with centers.
25-507 \$4.95



Rear Wheel Center Bolt Kit
For older wheel centers that use nuts rather than inserts. Bolts one wheel center to two wheel halves. Includes 1/4"-28 x 1" grade 8 bolts, 1/4"-28 nylock nuts and 1/4" washers.
25-506 \$6.80



Wheel Center Gasket
Seals wheel halves to wheel center without the use of silicone.
852-572 \$3.75



3AN to 1/8" NPT T-Fitting
41-982503 \$13.45



3AN Plug Cap (each)
41-592903 \$6.95



3AN Flare Plug
41-5913 \$3.95



Earl's Aluminum 1/8" to 3AN Elbow Fitting
41-982203 \$10.45



Earl's Aluminum 1/8" to 3AN Straight Fitting
41-981603 \$4.95



3AN T-Fitting
41-982403 \$13.45



3AN to 3AN Elbow Fitting
Fits Tilton master cylinder.
41-982103 \$11.75



Loctite Anti-Seize, 1 oz.
Use on titanium bolts.
77-790 \$11.95



new

Color Coated PTFE Brake Line with black anodized aluminum -3 fittings features:

- 4,000 psi operating pressure
- Over 8,000 psi burst pressure
- Stainless steel braided cover
- Improved brake system performance through near elimination of hose expansion
- Coated cover for improved abrasion resistance
- Choose length and color: red, blue, yellow, clear, carbon, or black.

COLOR COATED PTFE BRAKE LINE

-3 Brake Line with -3 Ends		
18" (specify color)	37-200	\$9.95
20" (specify color)	37-200	\$10.35
22" (specify color)	37-200	\$10.75
<i>Hyper 600cc LF</i>		
24" (specify color)	37-200	\$11.25
30" (specify color)	37-200	\$11.85
<i>'07 600cc LF</i>		
36" (specify color)	37-200	\$12.70
48" (specify color)	37-200	\$14.50
65" (specify color)	37-200	\$17.10
<i>Hyper 600cc</i>		
72" (specify color)	37-200	\$18.30
85" (specify color)	37-200	\$19.35
<i>Hyper 600cc</i>		



Steel Braided Brake Line is precut and available in -2 or -3 diameters. Smaller diameter -2 brake line is less susceptible to expanding under high pressure. This may lead to better braking response.

STEEL BRAIDED BRAKE LINE

-3 Brake Line with -3 Ends		
18" -3 Line/-3 End	37-097	\$9.95
20" -3 Line/-3 End	37-098	\$11.95
22" -3 Line/-3 End	37-099	\$12.95
<i>Hyper 600cc LF</i>		
24" -3 Line/-3 End	37-100	\$12.95
30" -3 Line/-3 End	37-110	\$13.50
<i>'07 600cc LF</i>		
36" -3 Line/-3 End	37-120	\$14.50
48" -3 Line/-3 End	37-130	\$17.25
65" -3 Line/-3 End	37-135	\$24.00
<i>Hyper 600cc</i>		
72" -3 Line/-3 End	37-140	\$24.00
85" -3 Line/-3 End	37-145	\$29.50
<i>Hyper 600cc</i>		
-2 Brake Line with -3 Ends		
24" -2 Line/-3 End	372-018	\$21.00
30" -2 Line/-3 End	372-024	\$23.00
36" -2 Line/-3 End	372-032	\$28.00
48" -2 Line/-3 End	372-048	\$36.00
72" -2 Line/-3 End	372-072	\$47.00



Compact Proportioning Valve
This small inexpensive valve has a 100% adjustment range, and can be shut off completely or set wide open. Used on the Hyper Hugger and TQ where brake bias is important. Inlet: 1/8" NPT port, outlet: 1/8" NPT port.

366-158 \$49.00



Wilwood Proportioning Valve 366-155 \$89.95



Wilwood EXP 600 Plus Super HiTemp Brake Fluid, 16.9 oz. 36-116 \$19.95



Wilwood HiTemp 570 Brake Fluid, Dot 3, 12 oz. 36-115 \$8.10



V2 Brake Rotor design makes working on the X7 Jacob's ladder car easier with strategically located holes to enable removal of shackle pin no matter what wheelbase or pin location is used. Allows access to use a socket to remove brake caliper bolts. Available in lightweight steel or titanium. Fits 1 3/4" or 2" splined rear axle on 6-bolt sprocket carrier 05-102 or 06-300.

9 1/4" x 1/4" Lightweight Steel Brake Rotor V2 06-1421 \$34.50



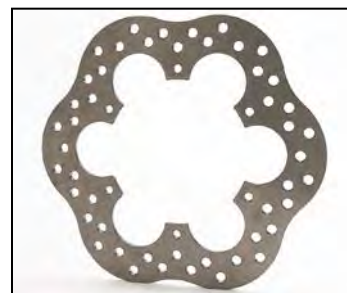
9 1/4" x 1/4" Titanium Brake Rotor
Weighs in at almost a full pound lighter than its steel counterpart. Use with brake pad 36-306.
06-1421TI \$349.00



Titanium Bolt Kit for Brake Rotors
Contains (6) 1/4"-28 x 5/8" bolts with flange. No washer needed.
06-143TI \$19.00



6-Bolt Brake Rotor Bolt Kit
Includes (6) 1/4"-28 x 5/8" Grade 8 bolts.
06-143 \$5.35



Lightweight Steel Brake Rotor 9 1/4" x 3/16", 6-Bolt 06-142 \$34.50



Lightweight Steel Brake Rotor 9 1/4" x 3/16", 4-Bolt 046-041 \$36.50



Lightweight Steel Brake Rotor 7 7/8" x 3/16" 04-1425 \$28.95



Lightweight Steel Brake Rotor 10" x 1/4" 046-142 \$23.50



Champion 600 Series Racing Brake Fluid, 12 oz. 36-114 \$13.50

CHASSIS
REAR END
FRONT END
PAN/ARM/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG MOUNT
BUMPER/
BODY
HARDWARE/
TABS/TI
COOLING
FUEL
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

new



Wilwood GP320 4-Piston Caliper
Billet aluminum, 3.50" mounting hole distance. Pads sold separately. Designed to be used with 3/16" rotors, so no need for spacers. (4) 1.250" diameter pistons. Will work with Hyper's X7 style bearing carriers with correct brake mounting plate. Also works with 4-piston brake floater. Wilwood GP320 brake caliper is a compact, high-efficiency performer, weighing in at just 1.70 lbs. Features increased pad size over 2-piston calipers. Bridge configuration will accommodate rotors between 0.19 in. and 0.25 in. thick.
36-101 \$149.99



Wilwood Dynalite Single 2-Piston Caliper
Billet aluminum, 3.25" mounting hole distance. Pads sold separately.
36-100 \$114.00

new

Hyper Racing's own Titanium Brake

Caliper Pistons are made from extremely low heat conductive titanium material to significantly reduce the chances of boiling your brake fluid. Titanium piston will transfer 3 times less heat than Wilwood's stainless steel piston. Saves 62 grams per pair and eliminates the need for a brake pad spacer. What are you waiting for?

Brake Pad Spacers should be used at all times to prolong the life of brake pads and prevent damage to the caliper. If using a 3/16" (thin) rotor, these spacers are mandatory. If the caliper is not designed to use a 3/16" rotor, the caliper pistons will come out of the pockets, get forced sideways, and ruin the rotor and caliper.



Titanium Piston for Dynalite Caliper, 3/8" Rotor (each)
36-105TI \$39.50

Titanium Piston for Dynalite Caliper, 3/16" or 1/4" Rotor (each)
36-1051TI \$39.50

Titanium Piston for GP320 Caliper (each)
36-1051TI \$39.50



Pad Spacers for Dynalite Single, Plated Steel .125 (pair)
36-280 \$7.80



Pad Spacers for Dynalite Single, Aluminum .050 (pair)
36-281 \$3.80



Wilwood GP320 Pads, BP-40 (pair)
Use with titanium or steel rotors.
36-311 \$69.00

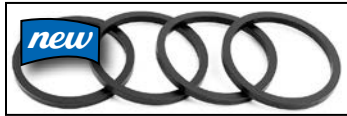


Dynalite Single Polymatrix B Pads for Steel Rotors (pair)
Hard compound. Use for steel rotors. Good braking, longer wear.
36-304 \$45.00

Dynalite Single Polymatrix E Pads for Steel Rotors (pair)
Medium compound. Use for steel rotors. Best braking, shorter wear.
36-305 \$39.90

Dynalite Single Polymatrix Q Pads for Aluminum Rotors (pair)
Soft compound. Use with aluminum rotors only.
36-301 \$43.90

Dynalite Single BP-40 Pads for Titanium or Steel Rotors (pair)
Hard compound. Use for titanium or steel rotors.
36-306 \$59.00



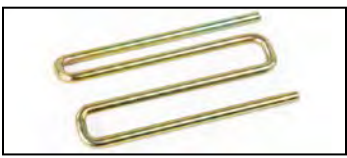
Square O-Rings, GP320 (4-pack)
36-103 \$6.90



Champion 600 Series Racing Brake Fluid, 12 oz.
580° high performance brake fluid. Meets and exceeds DOT4 specs.
36-114 \$13.50



Brake Pad Retaining Pin (each)
36-108 \$5.50



Brake Pad Retaining Pin (each)
36-107 \$7.45



Piston for Dynalite Caliper (each)
36-105 \$16.50



Square O-Ring, Dynalite (pair)
36-106 \$5.90



Billet Caliper Body O-Ring
36-112 \$3.40



Bleeder Valve for Dynalite (each)
36-111 \$4.30



Tube Adapter for Dynalite Caliper (each)
36-110 \$9.75



Cross Feeder Tube for Cast Dynalite Single
36-109 \$7.25



Now includes Titanium Pistons!

HBS 2-Piston Front Brake Caliper

is another Hyper Racing original designed by Mike Dickey, specifically for the micro sprint application. Needs no adapter plate and bolts right on to your deluxe spindle. With the two 1" titanium pistons, it offers more braking power. The included high quality brake pads last a long time. Requires big bell inner wheel half. Available unbranded.



HBS Front Brake Caliper

- 366-050 HBS BRANDED \$139.99
- 366-051 UNBRANDED \$139.99



HBS Left Front Brake Assembly includes caliper, HBS wheel center, pads, mounting plate, rotor and hardware.

HBS Left Front Brake Assembly

- 366-299 \$249.00



- HBS LF Caliper Brake Pads (pair) 366-052 \$26.60



- HBS LF Brake Caliper Front Half 366-075 \$29.00



- HBS LF Brake Caliper Back Half 366-070 \$59.00



- HBS LF Titanium Caliper Piston 366-060 EACH \$13.50
- HBS LF Caliper Body O-Ring 366-057 EACH \$1.50



- HBS LF Square O-Ring (pair) 366-056 \$5.00
- HBS LF Caliper Bleeder (each) 366-058 \$4.95



- HBS LF Caliper Pin 366-054 EACH \$5.00
- HBS LF Caliper Hairpin Clip 366-055 EACH \$.75



- MCP LF Brake Caliper 366-297 \$119.50



- MCP LF Brake Soft Pads (pair) 366-148 \$25.98



Mounting Plate, MCP LF Caliper

- Deluxe Spindle 366-2985 \$19.50
- Standard Spindle 366-298 \$19.50



- MCP LF Brake Piston with O-Ring 366-149 \$10.40



- MCP LF Caliper Spring 366-292 \$1.95
- MCP LF Caliper Sleeve 366-290 \$2.90



- MCP Brake Pad Screw 366-2911 PISTON SIDE \$.98
- 366-291 ANVIL SIDE \$2.19



- MCP LF Caliper Shim (each) 366-295 \$2.90
- MCP LF Caliper Bleeder (each) 36-506 \$2.15

3-Bolt Rotors fit HBS Center and other brands, and 5-bolt fits Magnesium Star Center and other brands. Use 3/16" rotor on heavy dirt or asphalt.



Titanium LF Brake Rotor, 3-Bolt, 7 1/8" x 1 1/8"
Designed to add strength to the ears to prevent warping. Titanium features lighter weight and better braking. Use 366-052 brake pad. 366-2966TI \$195.00



- LF Brake Rotor, 3-Bolt, HBS Center 7 1/8" x 1 1/8" 366-2966 \$21.60
- 7 1/8" x 3/16" 366-2967 \$32.00



- Front Brake Rotor Bolt Kit, 3 Bolt 366-2969 \$3.50



- LF Brake Rotor, 5-Bolt, 7 1/8" x 1 1/8" 366-296 \$16.00



- LF Brake Rotor, 5-Bolt, 7 1/8" x 3/16" 366-2961 \$32.00



- Front Brake Rotor Bolt Kit, 5 Bolt 366-2970 \$3.50

CHASSIS KITS
 REAR END
 FRONT END
 PAN/ARM/W-LINK
 SPROCKETS/CHAIN
 STEERING/RODS/ENDS
 TIRES/WHEELS
 BRAKES/THROTTLE
 SHIFTER
 SHOCKS/TORSION
 SEATS/BELTS
 WING/ENG MOUNT
 BUNNERS/BODY
 HARDWARE/TABS/T
 COOLING
 FUEL DELIVERY
 INJECTION/600 ENGINE
 270 ENGINE

Short Body 5/8" Wilwood Master Cylinders feature lightweight aluminum design, corrosion resistant coating, 1.12" piston stroke, 1/8" NPT outlet ports, (no need to re-thread), 3.37" body length (mounting flange to outlet port).

Short Body Tilton Master Cylinders feature lightweight aluminum design, corrosion resistant coating, 1.1" piston stroke, 3/8"-24 (3AN) outlet ports, and 3.2" body length (mounting flange to outlet port).



Wilwood 5/8" Short Body Master Cylinder Kit, Lightweight
36-005 **\$84.00**

Wilwood 3/4" Short Body Master Cylinder Kit, Lightweight
36-0051 **\$84.00**



Wilwood 36-005 Rebuild Kit
36-006 **\$27.00**



MCP Master Cylinder
36-500 **\$99.99**



Wilwood Reservoir
36-0093 7 OUNCE **\$11.02**
36-009 10 OUNCE **\$10.50**



MCP Master Cylinder Rebuild Kit
36-501 **\$16.50**



Wilwood Reservoir Cap
36-007 **\$9.89**



MCP Cup Seal for Piston
36-503 **\$2.90**

Wilwood Remote Inlet Adapter
36-008 **\$4.95**

MCP Master Cylinder Cap Plug
36-505 **\$1.50**



Wilwood Clamp
36-0091 **\$2.90**

Wilwood Remote Mounting Bracket with O-Ring
36-0092 **\$8.90**



Tilton 5/8" Short Body Master Cylinder Kit
36-003 **\$109.95**

Tilton 5/8" Master Cylinder Kit
36-001 **\$89.00**

Tilton 3/4" Master Cylinder Kit
36-000 **\$89.00**



Tilton 5/8" Short Body Master Cylinder Kit Rebuild Kit
36-004 **\$29.00**

Tilton 5/8" Master Cylinder Kit Rebuild Kit
36-002 **\$29.00**



Tilton Reservoir Cap
36-012 **\$10.25**



Tilton Remote Inlet Adapter
36-014 **\$7.50**



Tilton Clamp
36-915 **\$6.75**



Tilton Remote Mounting Bracket with O-Ring
36-015 **\$16.80**

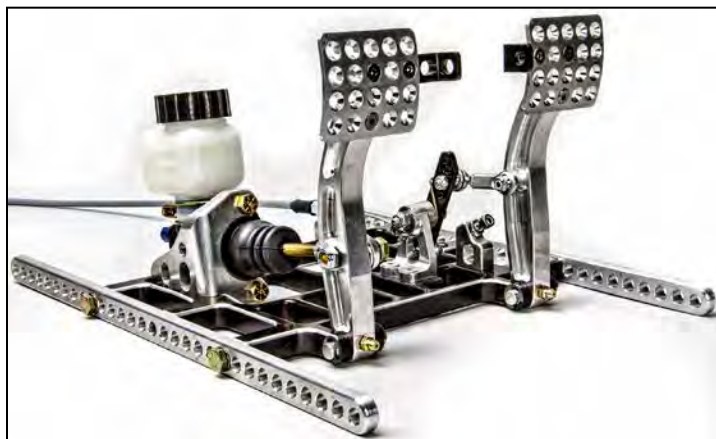


Tilton 4 oz. Reservoir
36-010 **\$13.15**



Master Cylinder Return Spring
Keeps the driver from burning the brakes off the car. Features high strength zinc coil spring with black anodized billet retainer. Fits Tilton and Wilwood master cylinders.
36-030 **\$23.95**





Adjustable Pedal Assembly enables the adjustment of both pedals to be moved front or back as far as you need in minutes. Adjustable throttle pedal throw provides a quick or slow pedal feel. Adjustable pedal pads can be moved up, down, left or right to fit feet of any size. Adjustable foot stop can be moved up, down, left or right for driver comfort. Adjustable pedal stop eliminates stressing or stretching the throttle cable. 11 $\frac{1}{8}$ " overall width.

Dual Master Cylinders allow one master cylinder for the front and one for the rear. The balance (bias) bar on the brake pedal allows adjustment to the amount of bias, enabling more front or more rear brake bias. This is crucial for asphalt racing and works much better than a proportioning valve. Some dirt track racers will like the adjustable brake bias as well. The balance bar incorporates a positive detent stop every full turn to maintain adjustment position and driver awareness. It can be locked in place, or used with an optional remote cable for quick on-track adjustments.



**WANT MORE?
VISIT
HYPERRACING.COM
FOR MORE
PRODUCTS!**

Adjustable Pedal Assembly
34-599 **\$359.00**

ADD OPTIONAL MASTER CYLINDER & T-FITTING **\$94.00**

Dual Master Cylinder Adjustable Pedal Assembly
34-599-2 **STARTING AT \$489.00**

Dual Master Cylinder Upgrade Kit
Upgrade your existing adjustable pedal assembly to our dual master cylinder setup. Includes 34-6001 brake pedal, 34-621 base plate, 34-661 master cylinder mount, and 34-760 balance bar.
34-599-8 **\$239.00**



Pedal Base Plate
34-620 **\$98.00**



Pedal Base Plate, for Dual Master Cylinders
34-621 **\$98.00**



Balance Bar for Dual Master Cylinders
34-760 **\$58.00**



Brake Pedal for Dual Master Cylinders (bare)
34-6001 **\$31.00**



Wilwood Bias Adjuster Cable
36-018 **\$69.00**



Billet Brake Pedal
34-6005 **\$49.00**



Billet Throttle Pedal
34-602 **\$49.00**



Brake Mount, for Dual Master Cylinders
34-661 **\$49.00**



Pedal Pin
34-735 **\$9.50**



Pedal Assembly Rail
34-690 **\$14.95**



Pedal Push Plate
34-610 **\$15.50**



Foot Stop
34-611 **\$14.00**



Pedal Assembly Tab
T-60 **\$3.60**

Pedal Assembly Tab/Rear Wing Upright, Notched
T-61 **\$3.60**



Throttle Cable Base
34-680 **\$9.50**



Throttle Cable Retainer
34-650 **\$16.50**



10-32 Female Right Hand Rod End
71-CFR3 **\$3.90**



10-32 Male Right Hand Rod End
71-CMR3 **\$3.90**

Throttle Cable Retainer Set Screw
34-750 **EACH \$1.95**



Torsion Throttle Return Spring
34-730 **\$13.25**



Throttle Linkage Support
34-640 **\$19.00**



Throttle Linkage Bearing
04-520 **\$3.00**



TRADITIONAL PEDALS

Traditional Brake & Throttle Pedals are chromoly.



Throttle Pedal, 600cc
346-110 \$44.00



Brake Pedal, 600cc
366-400 \$44.00



Throttle Pedal, 270cc
34-110 \$42.00



Brake Pedal, 270cc
36-400 \$44.00



3" Pedal Extension
36-410 \$45.00



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THROTTLE

Throttle Cables are specified by length of the plastic housing followed by the free length. Free length is the distance that the cable extends beyond the housing.



600cc Throttle Cable 60", 6.5"
Fits stock carburetors and fuel injection.
346-101 \$25.95

600cc Throttle Cable 60", 6.5" for EVO Fuel Injection
346-102 \$28.95

600cc Throttle Cable 60", 3"
Fits FCR carburetors.
346-100 \$24.95



Heavy Duty Throttle Cable 57", 6"
Fits Hyper Chassis 270cc.
34-100 \$22.95

Heavy Duty Throttle Cable 47", 6"
34-102 \$22.95



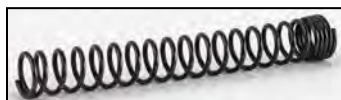
Throttle Pull Rod Assembly
34-115 \$19.50



Cable Stop
34-140 \$1.95



1/4" Split Shaft Collar, Aluminum
34-130 \$5.75



Throttle Return Spring
34-120 \$2.50



1/4" Split Shaft Collar, Steel
34-131 \$5.15

*"If you want to be the best,
you gotta have the best."*

JOEY AMANTEA

MOUNT POCONO, PA



1/4" One Piece Collar, Steel
34-132 \$2.55

Direct Shifter Assemblies include: clamp, black powder coated handle, rod, 1/2" pinch collar; (2) 1/4" rod ends and nuts. Clamp fits 1 1/8" diameter tube. Inside cockpit mount is available for the tracks that mandate shifter handle inside the cockpit.

Super Lightweight Titanium Shifter Handles weigh 5 1/4 ounces and save 5 ounces over plated steel handles.

Direct Shifter Assembly for Kawasaki, Honda F2/F3/F4, '97-'05 Suzuki
35-053 **HORIZONTAL** \$119.00
Direct Shifter Assembly for '06 and up Suzuki, Yamaha & Honda RR
35-052 **VERTICAL** \$119.00



Direct Shifter Handle, Horizontal, Titanium
35-215TI \$119.00



Direct Shifter Handle, Vertical, Titanium
35-216TI \$119.00

Direct Shifter Handles are powder coated black.



Direct Shifter Handle, Horizontal
35-215 **STANDARD** \$47.00
35-2155 **INSIDE MOUNT** \$47.00



Direct Shifter Handle, Vertical
35-216 **STANDARD** \$47.00
35-2165 **INSIDE MOUNT** \$47.00



Clamp for Direct Shifter 1 1/4"
Fits 1 1/4" vertical tube on the 2007 and up Hyper 600cc.
35-212 \$48.00

Clamp for Direct Shifter 1 1/8"
Fits 1 1/8" horizontal tube above the wishbone on the left side of 2007 and up 600 Chassis.
35-210 \$48.00



Shifter Clamp Cap, Short
35-2106 \$7.50



1/2" Pinch Collar
30-270 \$10.25



Rod for 35-052 or 35-053
6 1/4" or 8" long with 1/4"-28 threads.
35-220 **8"** \$9.00
35-221 **6 1/4"** \$9.00
35-222 **5"** \$9.00



Shifter Assemblies include: cable, handle, slotted shifter tab, 1/4" rod ends, 1/4" jam nuts and 2 weld-on tabs.

Cable Shifter Assembly for 270cc
35-050 \$139.00
Cable Shifter Assembly for 600cc, Right Side
35-051 \$145.00



Shifter Handle for Cable Shifted 600cc, Right Side
Includes boss for shift lever.
35-102 \$24.50



Shifter Arm, Honda F2/3, Yamaha R6, Kawasaki ZX-6R 636
600-730 \$54.50

Shifter Arm, Suzuki GSX-R600
600-731 \$56.50



Shifter Handle for 270cc
35-100 \$15.00



Clutch Perch and Lever
Forged aluminum construction with rubber boot. Bearing provides smooth lever feel.
600-8501 \$39.00



Shifter Cable
35-101 1/4" x 70" \$115.00
04-502 1/4" x 60" \$102.00



Billet Clutch Handle, Short
Short billet aluminum clutch handle gives you more room to work with. Handle only. Use perch from 600-8501.
600-8505 \$23.25



Slotted Shifter Tab
Bolts onto 270cc engine plate.
35-505 \$7.95

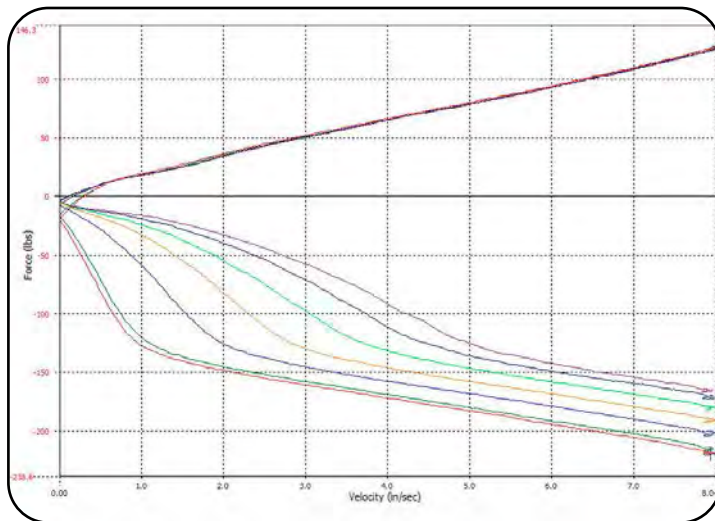


Clutch Bracket
600-789 **KAWASAKI '03-'05** \$25.50
600-790 **YAMAHA R6 '08&UP** \$16.98

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

Hyper Racing's Shock Lab will come to the rescue! A run on the Roehrig Shock Dyno can detect malfunctioning shock(s), identify problems with chassis handling, plot rebound and compression dampening curves, and compare your shock to a standard shock of the same valving. If a problem is found, or if you just wish to revalve, we will service the shock in-house. We are authorized rebuilders for ARS, FK, AFCO and CSI Shocks.

Shock Dyno Run		
38-830 PER SHOCK		\$10.00
38-830 PER SHOCK FOR 4 OR MORE		\$8.00
Shock Dyno Run for Adjustable Shocks		
38-8307 PER SHOCK		\$14.00
38-8307 PER SHOCK FOR 4 OR MORE		\$11.50



SHOCK REBUILD PARTS ON PAGE 77



ARS Shock Oil		
382-980 GALLON		\$45.00
382-981 QUART		\$14.25

shop talk
authorized rebuilders
Hyper Racing is recognized as an authorized rebuilder for all of the major shock brands.

shop talk
shock lab
We can get you on the fast track with the Hyper Racing Shock Lab. Whether you want to correct handling problems or gain that extra tenth, shocks are a great place to start. We can test, rebuild and revalve monotube and twin tube shocks. We can even create a custom shock package to fit your needs and budget. Call us or email Austin Quick in the Shock Lab at austin@hyperracing.com.

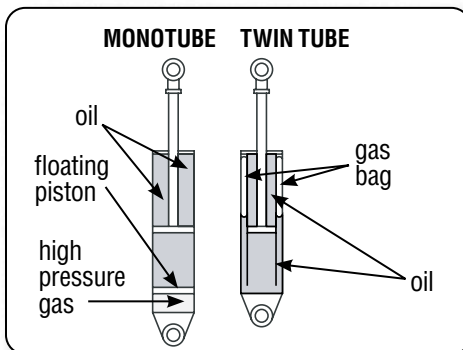


Shock Absorbers: Monotube vs. Twin Tube

• Monotube shocks are also incorrectly known as gas shocks. Both monotube and twin tube shocks use gas pressure. Monotube shocks use high pressure gas (nitrogen) on the opposite side of a floating piston to keep a constant pressure and volume of oil in the shock body as the shaft adds and subtracts volume when the shock oscillates. Twin tube shocks use a lower pressure gas in a bag to achieve the same result.

• Monotube shocks have an advantage of control, since their larger pistons displace more oil for a given stroke. This is especially true for the rebound stroke. The greater the amount of oil moving through a shock's piston, the easier it becomes to regulate the flow and thus control the dampening forces of the shock. Although fading is generally not a problem for micro sprints, monotube shocks also will not fade due to heat. They stay cooler because the piston and oil are in direct contact with the outside wall of the cylinder allowing for better dissipation of heat. Monotube shocks also last longer because they have less moving parts to wear out.

• Twin tube shocks use a rupture-prone gas bag to hold the nitrogen. When this bag breaks the nitrogen mixes with the oil making the shock skip as the gas moves through the piston orifices. Bubbling noise can be heard when the shock is actuated by hand. In contrast, an advantage for twin tube shocks is they can still function properly with small dents in the housing because of the use of their inner cylinder.



• Rod pressure is the amount of force that pushes the shaft of the shock out. Rod pressure is undesirable because it essentially increases spring rate. This makes the car feel like it is on top of the race track. Another advantage of twin tube shocks is that they have less rod pressure due to the smaller piston and the lower gas pressure.

• So whether you choose the high performance monotube or the economical twin tube shock, remember that it is much more important to select the correctly valved shock for your car.

600cc Chassis Shock Recommendations: WINGED				
	Left Front		Right Front	
Slick	1062	Twintube	106 1/4	Slick
Normal	106 4/2		106 1/3	Normal
Wet	106 5/2		1062	Wet
Slick	3262	Monotube	326 1/4	Slick
Normal	326 H4/2		326 H1/3	Normal
Wet	326 5/2		3262	Wet
	A326 H1-5/2	Monotube Adjustable	B326 H1 / 5-1	
	B1065-.05/2	Twintube Adjustable	B1065-.05/2	
	Left Rear		Right Rear	
Slick	1075/2	Twintube	1072	Slick
Normal	1075/2		1073	Normal
Wet	1076/2		1074	Wet
Slick	3275/2	Monotube	327 7/3 wx	Slick
Normal	3275/2		327 4.5/3 wx	Normal
Wet	3276/2		3274 wx	Wet
	B327 7-2/2 wx	Monotube Adjustable	B327 7-4/3 wx or B3274.5/4.5-2 wx	
	B1078-2/2 or ERC1078-2/2	Twintube Adjustable	BRC1176-3 or ERC1176-2	

know the code

setting gas pressures

Nitrogen gas pressure in a monotube shock is required at all times for it to function properly. Gas pressure can be adjusted to suit different track conditions.

The pressure in monotube shocks can be adjusted from 10 psi to 100 psi. To start, set the front shocks at 20 psi and the rear shocks at 10 psi.

- Back the wing nut off all the way on the inflation unit before screwing it on the Schrader valve of the shock.
- Tighten the hex nut coupler onto the valve of the shock.
- Screw the wing nut all the way clockwise so it opens up the shock valve.
- Pressurize the shock to the desired pressure using nitrogen gas only.
- Screw the wing nut counter clockwise all the way to seal the shock valve.
- Gas pressure can be heard escaping from the shock as the inflation unit is removed.
- 5 to 7 psi will be lost every time the inflation unit is applied to the shock.

shop talk

hyper university

To further your education, read our setup manuals, assembly manuals, set-up theory and much more on our website at www.hyperracing.com. Our Tech Department section has a lifetime of work documented for your support.

know the code

shock terminology

"Dampening" or "damping" is a term used in shock technology meaning "to depress, reduce or lessen." These terms can be used interchangeably.

"Compression" is when the shock gets shorter; "rebound" is when the shock gets longer. For example, when you step on the front bumper you are compressing the shocks, when you release your foot off, the shocks rebound.

shop talk

shocks 101

Read Mike Dicely's article "Shocks: A Mystery No More" at www.hyperracing.com.



ARS SHOCKS: MONOTUBE

ARS Shocks contain the highest quality components for maximum performance. Hyper Racing is the world's largest distributor of ARS Shocks. We work with ARS through extensive track testing to develop new and better valving combinations.



ARS
MONOTUBE
SHOCK

ARS Aluminum Body Monotube Shocks are rebuildable. Remote adjustable cable is sold separately. Choose 7" stroke rear shocks for the '07 and up Hyper 600cc.

CALL US AT
717-220-4470
FOR A
CUSTOM BUILT
SHOCK
PACKAGE!

ARS REMOTE ADJUSTABLE MONOTUBE SHOCK



ARS EYE ADJUSTABLE MONOTUBE SHOCK



shop talk
shocks 101
Read Mike Dicely's article "Shocks: A Mystery No More" at www.hyperracing.com.



+ - CUSTOMIZE IT!
ARS already has very low rod pressure through its unique base valve design, but the optional canister lowers it even more.
Add canister to ARS monotube shock
382-820 **\$126.00**

ARS ALUMINUM BODY MONOTUBE SHOCKS

ARS ALUMINUM BODY MONOTUBE SHOCKS		
Remote Adjustable Monotube, 7" Stroke		
B337 7-2/2 Remote Adjustable 7" Left Rear	383-300	\$459.99
B337 7-5/3 Remote Adjustable 7" Right Rear	383-198	\$459.99
B337 4.5/4.5-2 Remote Adjustable 7" Right Rear	383-205	\$459.99
B337 6-2/2 Remote Adjustable 7" Left Rear	382-779	\$459.99
B327 4.5/7-2 Remote Adjustable 7" Right Rear	382-786	\$459.99
Remote Adjustable Monotube, 6" Stroke		
B326 H1/5-1 Remote Adjustable 6" Right Front	383-190	\$459.99
B326 4-0.5/3 Remote Adjustable 6" Right Front	383-191	\$459.99
A326 H1-5/2 Remote Adjustable 6" Left Front	383-192	\$459.99
A326 5-0.5/3.5 Remote Adjustable 6" Left Front	383-193	\$459.99
B336 3.5/4.5-2 Remote Adjustable 6" Right Rear/270cc	383-208	\$459.99
B336 7-2/2 Remote Adjustable 6" Left Rear	383-301	\$459.99
BRC336 6-3 Remote Adjustable 6" Right Rear	382-760	\$459.99
B326 8-1/2 Remote Adjustable 6" Left Rear	382-765	\$459.99
Eye-Adjustable Monotube, 6" Stroke		
E326 H1-5/2 Eye Adjustable 6" Left Front	383-188	\$449.00
E326 H1/5-1 Eye Adjustable 6" Right Front	383-189	\$449.00
Non-Adjustable Monotube, 7" Stroke		
327H4.5/3 Non-Adjustable 7" Right Rear	383-170	\$299.99
3274 Non-Adjustable 7" Right Rear	382-751	\$299.99
3273 Non-Adjustable 7" Right Rear	382-752	\$299.99
3276/2 Non-Adjustable 7" Left Rear	382-755	\$299.99
3275/2 Non-Adjustable 7" Left Rear	382-756	\$299.99
Non-Adjustable Monotube, 6" Stroke		
3252 Non-Adjustable 6" Front or Rear	382-602	\$299.99
326H4/2 Non-Adjustable 6" Left Front	383-100	\$299.99
326H1/2 Non-Adjustable 6" Front	383-105	\$299.99
326H1/3 Non-Adjustable 6" Right Front	383-110	\$299.99
3261 Non-Adjustable 6" Front	382-700	\$299.99
3264 Non-Adjustable 6" Rear	382-715	\$299.99
3260.5/1 Non-Adjustable Front	382-725	\$299.99
3260.5/2 Non-Adjustable Front	382-730	\$299.99
3260.5/3 Non-Adjustable 6" Front	382-735	\$299.99
3262/1 Non-Adjustable 6" Front	382-740	\$299.99
3266/2 Non-Adjustable 6" Left Rear	382-749	\$299.99



ARS ALUMINUM BODY SHOCK



REMOTE COCKPIT ADJUSTABLE TWIN TUBE, 6" STROKE



quality counts
building a quality shock

- ARS dynos every shock built and allows no overlap in valving numbers, maintaining the tightest tolerances in the industry.
- ARS removes all air bubbles and pressurizes the shock through the small screw at the bottom of the shock.
- Each valve is individually flow tested to ensure consistent dampening.

ARS Aluminum Body Twin Tube Shocks are rebuildable. Remote adjustable cable is sold separately. Choose 7" stroke shocks for the '07 and up Hyper 600cc.

ARS ALUMINUM BODY TWIN TUBE SHOCKS

Remote Adjustable, Twin Tube, 7" Stroke

BRC117 6-3 Remote Adjustable 7"	38-454	\$429.00
B107 8-2/2 Remote Adjustable 7"	38-4543	\$429.00

Remote Adjustable Twin Tube, 6" Stroke

B106 5-0.5/2 Remote Adjustable 6"	38-445	\$429.00
BRC116 6-2 Remote Adjustable 6"	38-449	\$429.00
BRC106 8-2/2 Remote Adjustable 6"	38-453	\$429.00

Eye Adjustable Twin Tube

ERC106 5-.05/2 Eye Adjustable 6"	38-456	\$364.00
ERC107 8-2/2 Eye Adjustable 7"	38-458	\$364.00

Non-Adjustable Twin Tube, 7" Stroke

1074 Non-Adjustable 7"	38-419	\$224.00
1075/2 Non-Adjustable 7"	38-429	\$224.00
1076/2 Non-Adjustable 7"	38-430	\$224.00

Non-Adjustable Twin Tube, 5" Stroke

1051 Non-Adjustable 5"	38-380	\$224.00
1052 Non-Adjustable 5"	38-382	\$224.00
1053 Non-Adjustable 5"	38-384	\$224.00
1054 Non-Adjustable 5"	38-386	\$224.00

Non-Adjustable Twin Tube, 6" Stroke

1061 Non-Adjustable 6"	38-400	\$224.00
1062 Non-Adjustable 6"	38-401	\$224.00
1064RT Non-Adjustable 6"	38-4017	\$224.00
1063 Non-Adjustable 6"	38-402	\$224.00
1064 Non-Adjustable 6"	38-403	\$224.00
1065 Non-Adjustable 6"	38-4035	\$224.00
1060.5/1 Non-Adjustable 6"	38-405	\$224.00
1060.5/2 Non-Adjustable 6"	38-406	\$224.00
106.05/3 Non-Adjustable 6"	38-407	\$224.00
1061/3 Non-Adjustable 6"	38-408	\$224.00
1061/4 Non-Adjustable 6"	38-409	\$224.00
1064/2 Non-Adjustable 6"	38-4095	\$224.00
1065/2 Non-Adjustable 6"	38-410	\$224.00
1063/1 Non-Adjustable 6"	38-413	\$224.00
1062/1 Non-Adjustable 6"	38-414	\$224.00
1066/2 Non-Adjustable 6"	38-416	\$224.00

know the code

ARS shock numbers

'07 and up Hyper Chassis 600cc: 7" stroke shocks on rear, 6" on front.
 96-'06 Hyper Chassis 600cc and 270cc use 6" stroke all around.

Shock Series
 32/33 = monotube
 10/11 = twin tube

Rebound Valving
 If adjustable, this is shown as a range

B 32 6 8-2 /2

Adjustable Shock Type Prefix

- A = Cockpit adjustable, cable attaches parallel to shock eye hole
- B = Cable adjustable, cable attaches perpendicular to shock eye hole
- E = Eye adjustable rebound
- ERC = Eye adjustable compression & rebound
- BRC = Cable adjustable compression & rebound

Shock Stroke
 in inches
 6=6"
 7=7"
 8=8"

Compression Valving
 If adjustable, this is shown as a range



CHASSIS KITS
 REAR END
 FRONT END
 PAN/ARO/W-LINK
 SPROCKETS/CHAIN
 STEERING/RODS/ENDS
 TIRES/WHEELS
 BRAKES/THROTTLE
 SHIFTER
 SHOCKS/TORSION
 SEATS/BELTS
 WING/ENG MOUNT
 BUNNERS/BODY
 HARDWARE/TABS/71
 COOLING
 FILE DELIVERY
 INJECTION/600 ENGINE
 270 ENGINE

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



REMOTE ADJUSTABLE SHOCK CABLES WITH KNOB

72" Cable/Knob	38-4587	\$64.00
60" Cable/Knob	38-459	\$61.00
48" Cable/Knob	38-460	\$59.00
41" Cable/Knob	38-461	\$58.00

REMOTE ADJUSTABLE SHOCK CABLES (NO KNOB)

36" Cable (only)	38-4611	\$43.00
41" Cable (only)	38-4612	\$43.00
48" Cable (only)	38-4613	\$45.00
60" Cable (only)	38-4614	\$46.00
72" Cable (only)	38-4615	\$48.00
78" Cable (only)	38-4616	\$49.00



O-Ring for Shock Cable
38-464 \$7.5



Pin for Shock Cable
38-463 \$1.00



Tab for Shock Cable
38-462 \$4.95



Direct Mount Adjuster Knob
Use on remote adjustable shocks instead of remote adjuster cable. Screws onto adjuster after removal of the screw on spud.
38-470 \$14.95



Remote Adjuster Bolt Kit
Bolts the shock adjuster cable handle bracket to the frame tab. Includes (2) 10-24 socket head bolts and nylock half nuts.
38-465 \$2.40

No need to weld!



Adding a shock adjuster or Jacob's Jacker cable is quick and easy with our **Shock Cable Mount Clamp**. Offers flexibility of shock adjuster handle position and the ability to fine tune the position. Fits all major cable brands. Choose from 4 different tube size to fit various locations.

SHOCK CABLE MOUNT CLAMPS

1" Frame Tube Hyper 600 cross steering bar tube	38-4584	\$28.40
1 1/8" Frame Tube Hyper 600 side arm rail	38-4583	\$28.40
1 1/4" Frame Tube Hyper 600 main frame rail	38-4582	\$28.40
1 3/8" Frame Tube Other uses/Sprint Cars	38-4581	\$28.40

This awesome little titanium adapter will allow you to use your CSI or FK shock cables on ARS shocks.

ARS o-ring, pin and CSI hair pin clip sold separately. Made from 6AL4V grade 5 titanium and gold vacuum coated.



Shock Cable Adapter from ARS Shock to CSI/FK Shock Cable
381-101 EACH \$6.99
381-101 4 OR MORE \$5.99



ARS Decal for Adjuster Knob
38-020 \$2.50

shop talk
shocks 101
Read Mike Dicy's article "Shocks: A Mystery No More" at www.hyperracing.com.



Monotube Shock Inflation Unit
Used to properly inflate monotube (gas) shocks. Schrader valve lock out eliminates any nitrogen from escaping when the unit is removed from the shock. Works with ARS, AFCO and CSI Shocks.
382-550 \$119.00



Loop Label Cuff Beanie
43-460 ATHLETIC \$21.50



Aluminum Shock End
38-821 MONOTUBE \$34.50
38-820 TWIN TUBE \$34.50



2" Shock End for Monotube
3/16-18 thread, fits monotube.
38-8210 \$34.50
2" Shock End for Twin Tube/Steel
1/2-20 thread, fits twin tube shocks and steel shocks.
38-8205 \$34.50



ARS Steel Shock End
1/2-20 thread, fits twin tube shocks and steel shocks.
38-825 \$22.50



ARS Spherical Bearing
38-850 \$11.50



Spiral Ring for Shock Eye
Holds the spherical bearing in place on the monotube shock.
38-822 \$1.95



Shock Extensions are necessary if the shock is extending to full travel.
2" Shock Extension for Monotube
38-813 \$17.00
1" Shock Extension for Monotube
38-812 \$15.50
1" Shock Extension for Twin Tube
38-810 \$17.00



Coil Over Kit mounts spring onto shock.



ARS Coil Kit, Cone
38-550 \$54.00



ARS Coil Kit, Flat
38-551 \$54.00



ARS Adjuster Nut uses a pinch bolt to lock into position.

ARS Adjuster Nut for Monotube
382-805 \$34.50



Spring Seat, Cone
38-871 \$21.00



Spring Seat, Flat
38-870 \$19.90



Diaper Pin
38-800 \$1.99



Spanner Wrench
Tightens coil over kit nuts.
38-815 \$16.00

ARS Shock Rebuild Parts are offered for the technically advanced racers who want to perform repairs and rebuilds. Consult our instructional information at www.hyperracing.com to insure that your rebuild will be successful. Be sure to choose correct tube style (monotube or twin tube) for your rebuild parts.



ARS B Eye
38-8211 \$125.00



ARS A Eye
38-8212 \$125.00



ARS E Eye
Adjustments are made from the eye of the shock by spinning the wheel. Use if remote adjustments are not allowed or desired.
38-8213 \$69.00



ARS Shock Cable Spud
382-974 \$6.50



ARS Closure Nut O-Ring
382-926 MONO \$0.75
38-845 TWIN \$1.25

? *know the code*
shock rebuild parts
M Monotube
T Twin Tube

FK, AFco & CSI REBUILD PARTS ARE AVAILABLE. CALL OUR SHOCK LAB TO ORDER!



ARS Schrader Valve
382-940 \$8.50



ARS Monotube Shock Bleeder Screw
382-925 \$2.90



ARS Shock Bushing
382-910 MONO \$7.25



ARS Bronze Cylinder Head
38-838 TWIN 1/2" \$19.95
38-838-1 TWIN 9/16" \$21.96



ARS Shock Wiper
382-922 MONOTUBE \$5.75
38-843 TWIN 1/2" \$4.90
38-843-1 TWIN 9/16" \$4.90



ARS Shock Seal
382-920 MONOTUBE \$8.50
38-844 TWIN 1/2" \$6.50
38-844-1 TWIN 9/16" \$6.50



ARS Shock Oil
382-980 GALLON \$45.00
382-981 QUART \$14.25



ARS Shock Shaft
For non-adjustable shocks. Specify 5", 6" or 7" stroke and choose monotube or twin tube.
SPECIFY \$45.00



ARS Shock Outer Shaft
For adjustable shocks. Specify 5", 6" or 7" stroke and choose monotube or twin tube.
SPECIFY \$67.00



ARS Shock Inner Shaft
For adjustable shocks. Specify 5", 6", or 7" stroke and monotube or twin tube. Choose 10° taper for narrow range adjustment or 30° taper for wide range adjustment.
SPECIFY \$45.00



ARS Spur Gear for A or B Eye
382-972 \$38.00



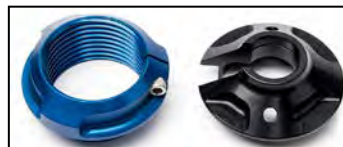
ARS Worm Gear for A or B Eye
382-973 \$38.00

CHASSIS
KITS
REAR END
FRONT END
PAN-ARM/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG MOUNT
BUNNERS/
BODY
HARDWARE/
TABS/T
COOLING
FILE/
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE



WANT MORE?
VISIT
HYPERRACING.COM
FOR MORE
PRODUCTS!

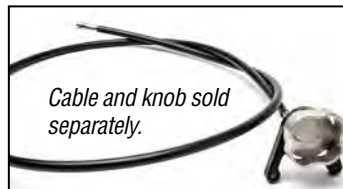
Factory Kahne (FK) Monotube Shocks include the FK DDM piston technology for maximum dampening response which increases grip and stability. FK base valve allows very low rod pressure to maximize driver feel. Utilizes internal schrader valve to eliminate dirt and damage. 100% owner rebuildable. Most tunable piston configuration in the industry. Accepts 1 7/8" coil springs.



FK Coil Over Assembly
389-100 \$85.00



FK Internal Shock Inflation Tool
389-430 \$159.00



Cable and knob sold separately.

FK Remote Adjuster Cables are used with the FK Shocks for remote adjustability.

FK Remote Adjuster Cable 3'
389-400 \$42.00



FK Carbon Fiber Shock Cover includes billet aluminum clamp and hardware for lightweight protection and style.

FK Remote Adjuster Cable 4'
389-401 \$42.00

FK Remote Adjuster Cable 5'
389-402 \$42.00

FK Remote Adjuster Cable 6'
389-403 \$42.00

FK Remote Adjuster Knob
389-435 \$59.00

FK 6" Shock Cover (each)
389-410 \$55.00

FK 7" Shock Cover (each)
389-420 \$55.00



FK Manual Adjuster Knob
389-436 \$16.50



FK Manual Adjuster Knob
389-520 \$12.98

FK ALUMINUM BODY MONOTUBE SHOCKS

Adjustable Monotube ADJUSTER CABLE SOLD SEPARATELY

FK 3.1 Adjustable Monotube 6" <i>Left Rear</i>	389-203	\$575.00
FK 3.1 Adjustable Monotube 6" <i>Right Rear</i>	389-204	\$575.00
FK 3.1 Adjustable Compression Monotube 6" <i>Right Rear</i>	389-205	\$575.00
FK 3.1 Adjustable Rebound Monotube 6" <i>Left Front</i>	389-200	\$575.00
FK 3.1 Adjustable Rebound Monotube 6" <i>Right Front</i>	389-201	\$575.00
FK 3.1 Adjustable Compression 6" <i>Right Front</i>	389-202	\$575.00
FK 3.1 Adjustable Monotube 7" <i>Left Rear</i>	389-206	\$575.00
FK 3.1 Adjustable Rebound Monotube 7" <i>Right Rear</i>	389-207	\$575.00
FK 3.1 Adjustable Compression Monotube 7" <i>Right Rear</i>	389-208	\$575.00

Non-Adjustable Monotube 6"

FK 3.0 2-6 Non-Adjustable Monotube 6" <i>Left Rear</i>	389-107	\$419.00
FK 3.0 2-8 Non-Adjustable Monotube 6" <i>Left Rear</i>	389-108	\$419.00
FK 3.0 3-5 Non-Adjustable Monotube 6" <i>Right Rear</i>	389-111	\$419.00
FK 3.0 4-5 Non-Adjustable Monotube 6" <i>Right Rear</i>	389-112	\$419.00
FK 3.0 Non-Adjustable Monotube 6" <i>Left Front</i>	389-105	\$419.00
FK 3.0 Non-Adjustable Monotube 6" <i>Right Front</i>	389-106	\$419.00
FK 3.0 2-6 Non-Adjustable Monotube 7" <i>Left Rear</i>	389-109	\$419.00
FK 3.0 2-8 Non-Adjustable Monotube 7" <i>Left Rear</i>	389-110	\$419.00
FK 3.0 3-5 Non-Adjustable Monotube 7" <i>Right Rear</i>	389-113	\$419.00
FK 3.0 4-5 Non-Adjustable Monotube 7" <i>Right Rear</i>	389-114	\$419.00

Adjustable Comp/Reb Monotube ADJUSTER CABLE SOLD SEPARATELY

FK 3.1 Adjustable Comp/Reb Monotube 6" <i>Right Rear</i>	389-209	\$575.00
FK 3.1 Adjustable Comp/Reb Monotube 7" <i>Right Rear</i>	389-210	\$575.00

Custom Adjustable Monotube ADJUSTER CABLE SOLD SEPARATELY Specify stroke and valving.

FK 3.1 Custom Adjustable Monotube	389-211	\$575.00
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Custom Non-Adjustable Monotube Specify stroke and valving.

FK 3.0 Custom Non-Adjustable Monotube	389-212	\$419.00
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**CALL US AT
717-220-4470
FOR A
CUSTOM BUILT
SHOCK
PACKAGE!**



AFCO's 63/64 Series Monotube Shocks are engineered to maximize low speed control and grip. Features a low friction sealing system. Each shock is hand crafted and dyno tested. Base valve design with 1/2" shaft for minimal rod pressure to maximize grip.

AFCO's 16 Series Twin Tube shocks are an excellent choice for the economic racer. The twin tube construction enhances driver feel and the deflective disk construction promotes consistency and long term reliability.

AFCO Double Adjustable Monotube Shock with compression adjustable 2-5 valve and rebound adjustable 1-5 valve features 5/8" durable shaft for strength, with gas canister and 18" hose.

AFCO ALUMINUM BODY TWIN TUBE SHOCKS

Adjustable Twin Tube ADJUSTER CABLE SOLD SEPARATELY

AFCO 1662-14 Adjustable Twin Tube 6" Left Front	386-1662-14	\$321.00
AFCO 1662-48 Adjustable Twin Tube 6" Left Rear	386-1662-48	\$321.00
AFCO 16623-36 Adjustable Twin Tube 6" Right Rear	386-1663-36	\$321.00
AFCO 1663-41 Adjustable Twin Tube 6" Right Front	386-1663-41	\$321.00
AFCO 16635-4 Adjustable Twin Tube 6" Right Rear	386-16635-4	\$321.00
AFCO 1672-48 Adjustable Twin Tube 7" Left Rear	386-1672-48	\$321.00
AFCO 1673-36 Adjustable Twin Tube 7" Right Rear	386-1673-36	\$321.00
AFCO 16735-4.5 Adjustable Twin Tube 7" Right Rear	386-16735-4	\$321.00

Custom Adjustable Twin Tube

ADJUSTER CABLE SOLD SEPARATELY Specify stroke and valving.

AFCO Custom Adjustable Twin Tube	386-16CUSTOMADJ	\$321.00
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Double Adjustable Twin Tube, ADJUSTER CABLE SOLD SEPARATELY

AFCO1662528 Double Adjustable Twin Tube 6"	387-1662528	\$428.00
AFCO1672528 Double Adjustable Twin Tube 7"	387-1672528	\$428.00

Non-Adjustable Twin Tube

AFCO 1662-1 Non-Adj Twin Tube 6" LF Wingless	386-1662-1	\$203.00
AFCO 1662-4 Non-Adj Twin Tube 6" Left Front	386-1662-4	\$203.00
AFCO 1662-6 Non-Adj Twin Tube 6" Left Rear	386-1662-6	\$203.00
AFCO 1662-8 Non-Adj Twin Tube 6" Left Rear	386-1662-8	\$203.00
AFCO 1663-1 Non-Adj Twin Tube 6" Right Front	386-1663-1	\$203.00
AFCO 1663-5 Non-Adj Twin Tube 6" Right Rear	386-1663-5	\$203.00
AFCO 1664-5 Non-Adj Twin Tube 6" Right Rear	386-1664-5	\$203.00
AFCO 1672-6 Non-Adj Twin Tube 7" Left Rear	386-1672-6	\$203.00
AFCO 1672-8 Non-Adj Twin Tube 7" Left Rear	386-1672-8	\$203.00
AFCO 1673-5 Non-Adj Twin Tube 7" Right Rear	386-1673-5	\$203.00
AFCO 1674-5 Non-Adj Twin Tube 7" RightRear	386-1674-5	\$203.00

Custom Non-Adjustable Twin Tube Specify stroke and valving.

AFCO Custom Non-Adjustable Twin Tube	386-16CUSTOM	\$203.00
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AFCO ALUMINUM BODY MONOTUBE SHOCKS

Adjustable Monotube ADJUSTER CABLE SOLD SEPARATELY

AFCO 63-6-2-14 Adj Reb Monotube 6" Left Front	387-63-6-2-14	\$369.99
AFCO 63-6-2-48 Adj Reb Monotube 6" Left Rear	387-63-6-2-48	\$369.99
AFCO 63-6-3-14 Adj Reb Monotube 6" Right Front	387-63-6-3-14	\$369.99
AFCO 63-6-3-35 Adj Reb Monotube 6" Right Rear	387-63-6-3-35	\$369.99
AFCO 63-6-35-4 Adj Reb Monotube 6" Right Rear	387-63-6-35-4	\$369.99
AFCO 63-7-2-48 Adj Reb Monotube 7" Left Rear	387-63-7-2-48	\$369.99
AFCO 63-7-3-35 Adj Reb Monotube 7" Right Rear	387-63-7-3-35	\$369.99
AFCO 63-7-35-4 Adj Reb Monotube 7" Right Rear	387-63-7-35-4	\$369.99

Custom Adjustable Monotube

ADJUSTER CABLE SOLD SEPARATELY Specify stroke and valving.

AFCO Custom Adjustable Rebound Monotube	387-63CUSTOM	\$369.99
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Non-Adjustable Monotube

AFCO 64-6-2-4 Non-Adj Monotube 6" Left Front	387-64-6-2-4	\$265.99
AFCO 64-6-2-6 Non-Adj Monotube 6" Left Rear	387-64-6-2-6	\$265.99
AFCO 64-6-2-8 Non-Adj Monotube 6" Left Rear	387-64-6-2-8	\$265.99
AFCO 64-6-3-1 Non-Adj Monotube 6" Right Front	387-64-6-3-1	\$265.99
AFCO 64-6-3-5 Non-Adj Monotube 6" Right Rear	387-64-6-3-5	\$265.99
AFCO 64-6-4-5 Non-Adj Monotube 6" Right Rear	387-64-6-4-5	\$265.99
AFCO 64-6-2-6 Non-Adj Monotube 7" Left Rear	387-64-7-2-6	\$265.99
AFCO 64-6-2-8 Non-Adj Monotube 7" Left Rear	387-64-7-2-8	\$265.99
AFCO 64-6-3-5 Non-Adj Monotube 7" Left Rear	387-64-7-3-5	\$265.99
AFCO 64-6-4-5 Non-Adj Monotube 7" Left Rear	387-64-7-4-5	\$265.99

Custom Non-Adjustable Monotube Specify stroke and valving.

AFCO Custom Non-Adj Monotube	387-64CUSTOM	\$265.99
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AFCO Coil Over Kit
386-0123A \$59.99



AFCO Remote Adjuster Cable 7'
386-20150 \$98.00

CHASSIS KITS
REAR END
FRONT END
PAN/ARO/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG MOUNT
BUMPER/
BODY
HARDWARE/
TABS/T
COOLING
FUEL
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



The **CSI RS-17 Monotube Adjustable Shock** boasts a revised body cap for better clearance, new piston for better compression control, and a lighter rod end that comes ready for eye or cock pit adjustment. All of this adds up to a high quality monotube shock.



CSI RS-15 Twin Tube Shock features a lightened body cap, upgraded shaft seal, and improved piston. A completely re-designed basevalve assembly results in a more robust and repeatable unit.

CALL US AT 717-220-4470 FOR A CUSTOM BUILT SHOCK PACKAGE!



CSI Remote Adjuster Cables offer lightweight and precise cockpit adjustability. The billet aluminum handle has 8 detents per turn of adjustment. Custom lengths can be made. Fits: CSI, AFCO, JRI, and Penske.

- CSI Remote Adjuster Cable 3'**
388-400 \$97.00
- CSI Remote Adjuster Cable 4'**
388-401 \$97.00
- CSI Remote Adjuster Cable 5'**
Fits Jacob's Jacker.
388-402 \$97.00
- CSI Remote Adjuster Cable 6'**
388-403 \$97.00

CSI Helper Spring Sleeves are billet aluminum, anodized black. Fits CSI RS-series, AFCO and ARS.



CSI Helper Spring Sleeve, Short
388-451 \$38.50



CSI Lock Nuts (pair)
Pre-load your helper spring.
388-452 \$42.72



CSI Deluxe Coil Over Kit
388-404 \$89.99



CSI Hairpin Clip for Shock Cable
381-106 \$.50

shop talk
shock lab
We can get you on the fast track with the Hyper Racing Shock Lab. Whether you want to correct handling problems or gain that extra tenth, shocks are a great place to start. We can test, rebuild and revalve monotube and twin tube shocks. We can even create a custom shock package to fit your needs and budget. Call us or email Austin Quick in the Shock Lab at austin@hyperracing.com.

CSI ALUMINUM BODY MONOTUBE SHOCKS

Adjustable Monotube ADJUSTER CABLE SOLD SEPARATELY

CSI RS-17 Adjustable Rebound Monotube 6" Left Rear	388-203	\$549.00
CSI RS-17 Adjustable Rebound Monotube 6" Right Rear	388-204	\$549.00
CSI RS-17 Adjustable Comp Monotube 6" Right Rear	388-205	\$549.00
CSI RS-17 Adjustable Rebound Monotube 6" Left Front	388-200	\$549.00
CSI RS-17 Adjustable Rebound Monotube 6" Right Front	388-201	\$549.00
CSI RS-17 Adjustable Comp Monotube 6" Right Front	388-202	\$549.00
CSI RS-17 Adjustable Rebound Monotube 7" Left Rear	388-208	\$549.00
CSI RS-17 Adjustable Rebound Monotube 7" Right Rear	388-206	\$549.00
CSI RS-17 Adjustable Comp Monotube 7" Right Rear	388-207	\$549.00

Custom Adjustable Monotube ADJUSTER CABLE SOLD SEPARATELY! Specify stroke and valving.

CSI MT-X Custom Adjustable Monotube	388-209	\$549.00
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Double Adjustable Monotube ADJUSTER CABLE SOLD SEPARATELY

CSI RS-X2 Double Adjustable Monotube 6" Left Rear	388-301	\$779.00
CSI RS-X2 Double Adjustable Monotube 6" Right Rear	388-300	\$779.00
CSI RS-X2 Double Adjustable Monotube 7" Left Rear	388-303	\$779.00
CSI RS-X2 Double Adjustable Monotube 7" Right Rear	388-302	\$779.00

CSI ALUMINUM BODY TWIN TUBE SHOCKS

Adjustable Twin Tube ADJUSTER CABLE SOLD SEPARATELY

CSI RS-15 Adjustable Rebound Twin Tube 6" Left Front	388-100	\$449.00
CSI RS-15 Adjustable Rebound Twin Tube 6" Right Front	388-101	\$449.00
CSI RS-15 Adjustable Comp Twin Tube 6" Right Front	388-102	\$449.00
CSI RS-15 Adjustable Rebound Twin Tube 6" Left Rear	388-103	\$449.00
CSI RS-15 Adjustable Rebound Twin Tube 6" Right Rear	388-104	\$449.00
CSI RS-15 Adjustable Comp Twin Tube 6" Right Rear	388-105	\$449.00
CSI RS-15 Adjustable Rebound Twin Tube 7" Left Rear	388-106	\$449.00
CSI RS-15 Adjustable Rebound Twin Tube 7" Right Rear	388-107	\$449.00
CSI RS-15 Adjustable Comp Twin Tube 7" Right Rear	388-108	\$449.00

Non-Adjustable Twin Tube

CSI RS-15 2/4 Non-Adjustable Twin Tube 6" Left Front	388-109	\$259.00
CSI RS-15 1/3 Non-Adjustable Twin Tube 6" Right Front	388-110	\$259.00
CSI RS-15 2/6 Non-Adjustable Twin Tube 6" Left Rear	388-111	\$259.00
CSI RS-15 2/8 Non-Adjustable Twin Tube 6" Left Rear	388-112	\$259.00
CSI RS-15 3/5 Non-Adjustable Twin Tube 6" Right Rear	388-115	\$259.00
CSI RS-15 4/5 Non-Adjustable Twin Tube 6" Right Rear	388-116	\$259.00
CSI RS-15 2/6 Non-Adjustable Twin Tube 7" Left Rear	388-113	\$259.00
CSI RS-15 2/8 Non-Adjustable Twin Tube 7" Left Rear	388-114	\$259.00
CSI RS-15 3/5 Non-Adjustable Twin Tube 7" Right Rear	388-117	\$259.00
CSI RS-15 4/5 Non-Adjustable Twin Tube 7" Right Rear	388-118	\$259.00

Custom Adjustable Twin Tube ADJUSTER CABLE SOLD SEPARATELY Specify stroke and valving.

CSI RS-15 Custom Adjustable Twin Tube	388-120	\$449.99
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Custom Non-Adjustable Twin Tube, Specify stroke and valving.

CSI RS-15 Custom Non-Adjustable Twin Tube	388-119	\$259.90
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6AL4V TI



Titanium Quick Change Shock Pins allow fast, easy removal of shocks.

Due to our bulk purchasing power, we are able to offer highest quality Titanium Shock Pins at Aluminum Shock Pin pricing. Length measurements are taken from the back side of the machined hex to the end of the threads.

- highest quality 6AL4V titanium stays straighter longer
- 250% stronger than 6061 T6 alloy aluminum shock pins
- precision machined for ease of shock removal
- includes our new heavy duty (HD) rue clip and spacer



1/2" Shock Stud, Titanium, 3 1/8"
38-701 \$16.25



1/2" Shock Stud, Titanium, 1 7/8"
38-704 \$15.50



1/2" Shock Stud, Titanium, 2 1/4"
38-702 \$15.50



1/2" Shock Stud, Titanium, 3/4"
Fits torsion arm standoff.
38-8085 \$14.50



1/2" Shock Stud, Titanium, 1 5/16"
38-703 \$15.50



1/2"-20 x 1 1/4" Hex Head Cap Screw, Titanium (each)
Fits torsion arm standoff.
981-08-20-1.25 \$4.50

Now with titanium shock pin and nut!

HBS 1" Shock Slider fits a 1" tube, and does not move or slide when the shock is removed. Includes quick change shock pin with heavy duty rue clip.

Since all shock brands are different, it is necessary to have an adjustable shock height system on the front of the chassis to allow for these changes in lengths.

All X7 frames have adjustable front shock towers and use the HBS 1" Shock Slider, allowing for quick shock changes. Incorrect shock height mounting can lead to handling problems.



Shock Slider for 1" Tube

38-901

\$37.00



1/2" Weld-On Shock Stud

38-8087

\$9.45



Shouldered Reducer 1/2" to 7/16" (each)

38-860

\$2.80

Shouldered Reducer 1/2" to 3/8" (each)

38-861

\$2.80



Aluminum Spacer for HD Rue Clip

38-8021

\$2.20



1/2" -20 Nylock Half Nut

976-08-20 HALF

\$3.30



Reducer 1/2" to 7/16" (each)

38-865

\$2.80

Reducer 1/2" to 3/8" (each)

38-866

\$2.80



Heavy Duty Rue Clip for 1/2" Shock Stud

Thicker wire and built in handle for easy removal. Fits all of our shock studs with use of 38-8021 spacer.
38-8024 \$1.25

shop talk

shocks 101

Read Mike Dicely's article "Shocks: A Mystery No More" at www.hyperracing.com.



CHASSIS
KITS
REAR END
FRONT END
PAN-ARD/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG MOUNT
BUMPERS/
BODY
HARDWARE/
TABS/TI
COOLING
FUEL
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

Bump Rubber technology is utilized to keep the car from bottoming out and to add spring rate and therefore dynamic corner weight. Bump rubbers are used on the left rear shock during winged racing to keep the car from bottoming out the left rear on entry.

A bump rubber can also be used on the left rear of a wingless car to add traction on corner exit. As the car squats on the left rear under acceleration, if set correctly, it will compress the bump rubber and add left rear weight, which can add traction.

The timing of when the chassis hits the bump rubber is very critical. Spacers can be added to adjust when the car hits the bump rubber.

The purpose of a bump rubber cup is to keep the bump rubber from expanding and deforming. When the bump rubber cannot expand, its effective spring rate is progressively increased.



Progressive Bump Kit, Full

The 26 piece kit comes complete with everything you need. Detailed instruction sheet included.

388-390 \$239.00



FK Bump Cup 2.125" ID

389-425 \$55.00



FK Black Bump Rubber, Super Soft

Rate at 1" of compression is 50-75.
389-426 \$24.00



FK Packer Kit

389-427 \$20.00



Flash Drive Patch Hat, Retro Trucker Flexfit

43-270 TURQUOISE/WHITE \$21.00

shop talk

shock lab

We can get you on the fast track with the Hyper Racing Shock Lab. Whether you want to correct handling problems or gain that extra tenth, shocks are a great place to start. We can test, rebuild and revalve monotube and twin tube shocks. We can even create a custom shock package to fit your needs and budget. Call us or email Austin Quick in the Shock Lab at austin@hyperracing.com.



CSI Bump Rubber Cup

Lightweight CSI Bump Rubber Cup clips onto eyelet of CSI RS-series small body shocks.

388-454 \$54.00



ARS Bump Rubber Assembly

38-001 \$49.00

ARS Bump Rubber

Rate at 1" of compression is 175-199.

38-006 \$33.00

ARS Steel Washer for Bump Rubber

38-010 \$5.95

1/8" Bump Rubber Spacer

38-012 \$4.85

shop talk

authorized rebuilders

Hyper Racing is recognized as an authorized rebuilder for all of the major shock brands.



torsion only

Carbon Fiber Shock Cover, 11" Black (each)

Protect your investment with our lightweight carbon fiber-look shock covers. Cut to fit your ARS, FK, AFCO, or CSI monotube shocks. If the outer tube of a monotube shock gets a dent, it will not work properly. Plastic shock covers cannot be used with coil over suspension. These cover the canister as well as the threaded body.

39-109 \$65.00



torsion only

Hyper Clip-On Plastic Shock Cover (each)

Inexpensive and effective.

39-105 \$6.00

Tough Nylon Shock Covers feature a hook and loop closure along the length, so they stay on, yet remove easily for spring changes.



Hyper Shock Covers for 8" Spring (pair)

Black with white logo.

39-100 \$39.50



Shockwears for 8" Spring (pair)

Black with white logo.

39-100-BLACK \$33.50



Hyper Racing Springs are:

- proudly made in the USA
- developed for improved consistency, rate tolerance, travel uniformity, and load capability.
- crafted from premium material for endurance and better ride height consistency.
- manufactured using state of the art CNC machine coiling for batch consistency and tolerances.
- durability-tested and benchmarked.
- available in 8" or 10" free length, 17/8" I.D., gloss graphite grey powder coat.

10" HYPER RACING SPRINGS

80# Spring, 10"	39-002	\$54.99
95# Spring, 10"	39-003	\$54.99
105# Spring, 10"	39-004	\$54.99
115# Spring, 10"	39-005	\$54.99
125# Spring, 10"	39-006	\$54.99
140# Spring, 10"	39-007	\$54.99
150# Spring, 10"	39-008	\$54.99
165# Spring, 10"	39-009	\$54.99
175# Spring, 10"	39-010	\$54.99
185# Spring, 10"	39-011	\$54.99
200# Spring, 10"	39-012	\$54.99

8" HYPER RACING SPRINGS

60# Spring, 8"	39-205	\$54.99
80# Spring, 8"	39-210	\$54.99
95# Spring, 8"	39-212	\$54.99
100# Spring, 8"	39-215	\$54.99
105# Spring, 8"	39-216	\$54.99
115# Spring, 8"	39-217	\$54.99
125# Spring, 8"	39-218	\$54.99
130# Spring, 8"	39-220	\$54.99
140# Spring, 8"	39-225	\$54.99
150# Spring, 8"	39-230	\$54.99
165# Spring, 8"	39-235	\$54.99
175# Spring, 8"	39-240	\$54.99
185# Spring, 8"	39-245	\$54.99
200# Spring, 8"	39-250	\$54.99
220# Spring, 8"	39-255	\$54.99
250# Spring, 8"	39-260	\$54.99

10" ARS SPRINGS

225# ARS Spring, 10"	39-013	\$54.99
250# ARS Spring, 10"	39-014	\$54.99
275# ARS Spring, 10"	39-015	\$54.99



ARS 25# Helper Spring
39-400 \$32.00

ARS 50# Helper Spring
39-405 \$32.00



Helper Spring Slider Kit
38-575 \$47.00



Spanner Wrench
Tightens coil over kit nuts.
38-815 \$16.00

know the code

helper springs

Helper Springs are used on wingless cars on the front to tighten the car. Use Helper Spring Slider Kit and 8" Spring.



shop talk

hyper university

To further your education, read our setup manuals, assembly manuals, set-up theory and much more on our website at www.hyperracing.com. Check out our YouTube Channel for helpful how-to videos:

@HyperRacing

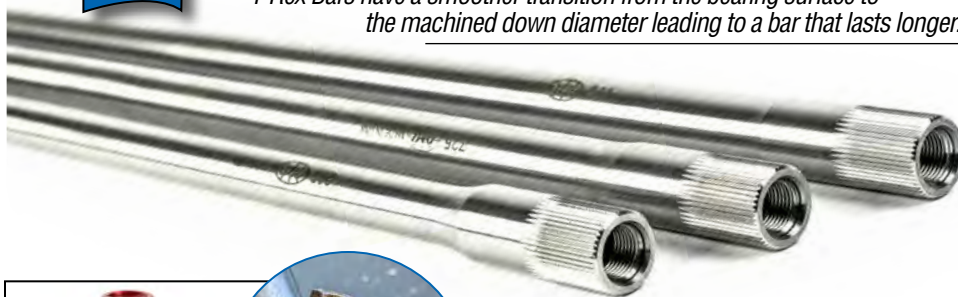


DMI T-Rex Torsion Bars are made from 4340 steel and adhere to the same stringent standards as their popular full size sprint car bars.

DMI Torsion Bars are heat treated first and then machined for more consistency. Other bar manufacturers heat treat the bar after it is machined. When the bar is heat treated after machining, the different thicknesses in material can cool at different rates leading to areas of different hardness and inconsistent sprint rates.

T-Rex Bars have a smoother transition from the bearing surface to the machined down diameter leading to a bar that lasts longer.

new



DMI 3/8" Torsion Stop Retainer (each)

Designed to prevent arms and stops from being pulled off the bar. Screws into all 7/8" x 26" Hollow T-Rex Torsion Bars. Easy to install and remove.

405-990 **\$10.99**



7/8" Torsion Bushing Reamer, with Pilot Shaft

With its pilot shaft, this reamer will locate accurately for a perfect fit. Hardened cutter will last years. 3/4" hex easily cuts through nylon, aluminum, bronze.

40-230 **\$239.99**

Hyper Racing Logo Decals are available in white, red, blue, or yellow and are printed on quality vinyl to last the season. Stick them everywhere! Black outlines make these decals pop on any color.



Logo Decal, 2 3/4" wide (each)

44-012 SPECIFY COLOR **\$.35**

Logo Decal, 10" wide (each)

44-012 SPECIFY COLOR **\$1.90**

Logo Decal, 18" wide (each)

44-012 SPECIFY COLOR **\$2.20**

Logo Decal, 36" wide (each)

44-012 SPECIFY COLOR **\$3.85**

shop talk

bar none!

Hyper Racing is an authorized retailer for all the major torsion bar brands.



DMI TORSION BARS			
7/8" x 26" Hollow			
7/8" x 26" x .600 Hollow	405-0600	\$105.97	
7/8" x 26" x .625 Hollow	405-0625	\$105.97	
7/8" x 26" x .650 Hollow	405-0650	\$105.97	
7/8" x 26" x .675 Hollow	405-0675	\$105.97	
7/8" x 26" x .700 Hollow	405-0700	\$105.97	
7/8" x 26" x .712 Hollow	405-0712	\$105.97	
7/8" x 26" x .725 Hollow	405-0725	\$105.97	
7/8" x 26" x .737 Hollow	405-0735	\$105.97	
7/8" x 26" x .750 Hollow	405-0750	\$105.97	
7/8" x 26" x .775 Hollow	405-0775	\$105.97	
7/8" x 26" x .800 Hollow	405-0800	\$105.97	
7/8" x 14" Solid			
7/8" x 14" x .550 Hollow	404-550	\$105.97	
7/8" x 14" x .575 Hollow	404-575	\$105.97	
7/8" x 14" x .600 Hollow	404-600	\$105.97	

Schroeder Torsion Bars are made of aircraft alloy steel, precision machined, heat treated and ground to size.



SCHROEDER TORSION BARS, 23" SOLID

<i>3/4" x 23" Solid</i>		
3/4" x 23" x .525 Solid	40-005	\$89.00
3/4" x 23" x .630 Solid	40-008	\$89.00
3/4" x 23" x .670 Solid	40-010	\$89.00
3/4" x 23" x .690 Solid	40-011	\$89.00
3/4" x 23" x .700 Solid	40-012	\$89.00
3/4" x 23" x .710 Solid	40-013	\$89.00
3/4" x 23" x .720 Solid	40-014	\$89.00
3/4" x 23" x .730 Solid	40-015	\$89.00
3/4" x 23" x .740 Solid	40-016	\$89.00
3/4" x 23" x .750 Solid	40-017	\$89.00
3/4" x 23" x .775 Solid	40-018	\$89.00

SCHROEDER TORSION BARS, 26" SOLID

<i>7/8" x 26" Solid</i>		
7/8" x 26" x .475 Solid	40-0475	\$95.99
7/8" x 26" x .500 Solid	40-0500	\$95.99
7/8" x 26" x .550 Solid	40-0550	\$95.99
7/8" x 26" x .575 Solid	40-0575	\$95.99
7/8" x 26" x .600 Solid	40-0600	\$95.99
7/8" x 26" x .625 Solid	40-0625	\$95.99
7/8" x 26" x .650 Solid	40-0650	\$95.99
7/8" x 26" x .675 Solid	40-0675	\$95.99
7/8" x 26" x .700 Solid	40-0700	\$95.99
7/8" x 26" x .725 Solid	40-0725	\$95.99
7/8" x 26" x .750 Solid	40-0750	\$95.99
7/8" x 26" x .775 Solid	40-0775	\$95.99
7/8" x 26" x .800 Solid	40-0800	\$95.99
7/8" x 26" x .825 Solid	40-0825	\$95.99
7/8" x 26" x .850 Solid	40-0850	\$119.00
7/8" x 26" x .875 Solid	40-0875	\$119.00
7/8" x 26" x .900 Solid	40-0900	\$119.00

SCHROEDER TORSION BARS, 26" HOLLOW

<i>7/8" x 26" Hollow</i>		
7/8" x 26" x .600 Hollow	406-0600	\$119.95
7/8" x 26" x .625 Hollow	406-0625	\$119.95
7/8" x 26" x .650 Hollow	406-0650	\$119.95
7/8" x 26" x .675 Hollow	406-0675	\$119.95
7/8" x 26" x .700 Hollow	406-0700	\$119.95
7/8" x 26" x .712 Hollow	406-0712	\$119.95
7/8" x 26" x .725 Hollow	406-0725	\$119.95
7/8" x 26" x .735 Hollow	406-0735	\$119.95
7/8" x 26" x .750 Hollow	406-0750	\$119.95
7/8" x 26" x .775 Hollow	406-0775	\$119.95
7/8" x 26" x .800 Hollow	406-0800	\$119.95
7/8" x 26" x .825 Hollow	406-0825	\$119.95
7/8" x 26" x .850 Hollow	406-0850	\$119.95
7/8" x 26" x .875 Hollow	406-0875	\$119.95

Chalk Stix Torsion 26" Bars are gun-drilled and carefully heat treated. 14" bars are solid and heat treated.



Torsion Bar Keeper, Schroeder (pair)
Designed to screw into the end of newer threaded Schroeder torsion bars virtually guaranteeing that your torsion bar never comes out. Not compatible with older non-threaded bars.
40-405 \$20.00

24-7 support
Tech information available 24-7 awaits you at www.hyperracing.com.

CHALK STIX TORSION BARS

<i>7/8" x 26" Hollow</i>		
7/8" x 26" x .675 Hollow	407-0675	\$119.95
7/8" x 26" x .700 Hollow	406-0700	\$119.95
7/8" x 26" x .715 Hollow	407-0715	\$119.95
7/8" x 26" x .725 Hollow	406-0725	\$119.95
7/8" x 26" x .737 Hollow	407-0737	\$119.95
7/8" x 26" x .750 Hollow	406-0750	\$119.95
7/8" x 26" x .775 Hollow	407-0775	\$119.95
<i>7/8" x 14.5" Solid</i>		
7/8" x 14.5" x .550 Solid	407-0550	\$99.99
7/8" x 14.5" x .575 Solid	407-0575	\$99.99
7/8" x 14.5" x .600 Solid	407-0600	\$99.99

Set-Up Blocks are adjustable from 1" to 3 1/4" at 1/4" increments with many 1/8" increments. 15/8", 17/8", 2 1/8", 25/8", 27/8", 3 1/8" heights are provided. CNC machined aluminum, anodized, post machined.



Set-Up Blocks (set, as shown)
80-600 \$79.50



Torsion Bushing Installation Tool
Fits 40-226 or any 7/8" torsion bar bushing. This tool works really well for installing the left rear bushing on the Hyper X6 and X7 Chassis.
40-227 \$12.00

CHASSIS KITS
REAR END
FRONT END
PAN-ARD/ W-LINK
SPROCKETS/ CHAIN
STEERING/ RODS/ENDS
TIRES/ WHEELS
BRAKES/ THROTTLE
SHIFTER
SHOCKS/ TORSION
SEATS/ BELTS
WING/ ENG MOUNT
BUMPER/ BODY
HARDWARE/ TABS/ST
COOLING
FILE/ DELIVERY
INJECTION/ 600 ENGINE
270 ENGINE

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPERS/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



New Torsion Stop design features a raised boss to provide extra thickness for the splines.

Add the Titanium Jacker Bolt with undercut threaded end to eliminate thread damage during adjustments.

Torsion Stops include hardware. The distance between the two torsion bars, center to center is called "split."

7/8" Torsion Stop, 1 1/2" Split
Fits Hyper Chassis 600cc and some 270cc. Choose version with grade 8 nut and bolt or with titanium nut and bolt.

40-220 GR 8 BOLT/NUT \$29.50

40-220 TI BOLT/NUT \$38.45



Torsion Bushing, 7/8"
Fits 1 1/4" O.D. x .083" tube, 7/8" bar.
40-226 \$5.95



5/16"-18 x 1 1/2" Torsion Jacker Bolt, Titanium
5/16"-18 x 1-1/2" all-thread highest quality titanium bolt.
40-2221 \$8.95

5/16"-18 Nut for Jacker Bolt, Ti
40-2222 \$3.20



7/8" Torsion Bushing Reamer, with Pilot Shaft
With its pilot shaft, this reamer will locate accurately for a perfect fit. Hardened cutter will last years. 3/4" hex easily cuts through nylon, aluminum, bronze.
40-230 7/8" \$239.99



Adjustable Reamer for 7/8" Torsion Bushing
80-320 \$59.00

Adjustable Reamer for 3/4" Torsion Bushing
80-322 \$57.00



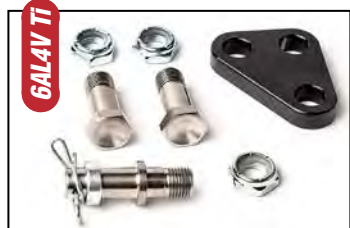
3/4" Torsion Stop, 1 1/2" Split
40-110 \$27.50



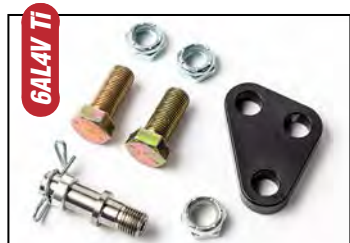
Large Torsion Bushing, 3/4"
Fits 1 1/4" O.D. x .083" tube, 3/4" bar.
40-122 \$6.95

Small Torsion Bushing, 3/4"
Fits 1 1/8" O.D. x .083" tube, 3/4" bar.
40-121 \$6.50

Torsion Arm Standoff Kit bolts onto the rear torsion arms to allow proper arm angle and provide adequate shock length enabling the rear axle to drop more. Allows higher ride heights without the shocks topping out.



Torsion Arm Standoff Kit, Titanium Pin, Bolts
40-402 \$28.00



Torsion Arm Standoff Kit, Titanium Pin
40-401 \$21.50



Torsion Arm Standoff
40-400 \$10.25



1/2"-20 x 1 1/4" Hex Head Cap Screw, Titanium
Used on torsion arm shock standoff.
981-08-20-1.25 EACH \$7.75



1/2" Shock Stud, Titanium, 3/4"
This pin fits our torsion arm standoff.
38-8085 \$14.50



Front Torsion Rack for 7/8" Bar Pre-Welded
40-300 \$129.00



Rear Torsion Rack fits all Hyper 600cc chassis manufactured between 2013 and current, and may fit others as well. This kit is not welded together, as it can not be put into position if welded.

Rear Torsion Rack for 7/8" Bar, X4, Un-Welded
40-310 \$99.00

Rear Torsion Rack for 7/8" Bar, X6/X7, Un-Welded
40-311 \$99.00



Torsion Tube, Chromoly
Repair a bent 1 1/4" x .083" wall torsion bar tube for 7/8" x 26" bar.
04-772 \$25.00



Torsion Rack Spacer, 1 1/2"
95-340 \$5.50



Torsion Rack Pad, Hardened
95-341 \$5.50



Frame Rail Decals are available in white, red, blue, or yellow. Grey outlines make these decals pop on any color frame.

Hyper Frame Rail Decals (each)
44-050 SPECIFY COLOR \$1.60

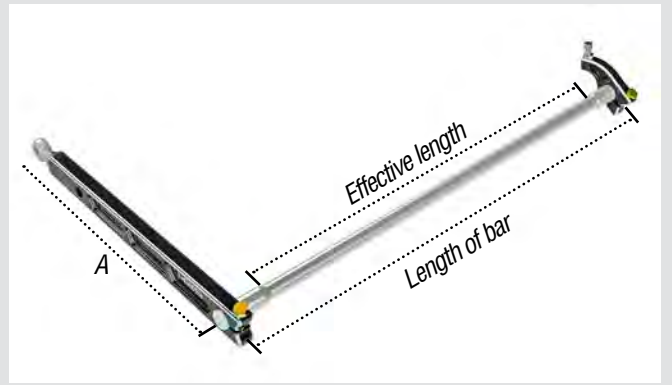
shop talk

torsion bar spring rates

$$\text{Spring Rate} \left(\frac{\text{lbs}}{\text{in}} \right) = \pi \left(\frac{\text{OD}^4}{2} \right) \cdot \left(\frac{\text{Arcsin} \left(\frac{1}{A} \right) \cdot 11,290,000}{A \cdot B} \right)$$

Notes: The effective length of the bar is the length of the turned down part of the torsion bar. For 26" bars, we use 21", because it matches our real-world spring rate tests. For 23" bars use 18.5". The length of the arm is the distance from center of torsion bar to center of rod end.

Based on our real-world comparisons, we have found that the formula seems to be slightly softer than what the real rate of the bar is. But this is a good way to get a close number. The exact type of material and the hardening process the manufacturer uses will affect the actual spring rate of the bar.



Spring rates (lbs/in) for 7/8" x 26"

Effective Rate 21 (B)

		Length of Arm (A)														
		8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0
Bar Size (OD)	0.475	42.1	37.3	33.2	29.8	26.9	24.4	22.2	20.3	18.7	17.2	15.9	14.8	13.7	12.8	12.0
	0.500	51.7	45.8	40.8	36.6	33.0	30.0	27.3	25.0	22.9	21.1	19.5	18.1	16.8	15.7	14.7
	0.550	75.7	67.0	59.8	53.6	48.4	43.9	40.0	36.6	33.6	30.9	28.6	26.5	24.7	23.0	21.5
	0.575	90.4	80.0	71.4	64.0	57.8	52.4	47.7	43.7	40.1	37.0	34.2	31.7	29.5	27.5	25.7
	0.600	107.2	94.9	84.6	75.9	68.5	62.1	56.6	51.8	47.6	43.8	40.5	37.6	34.9	32.6	30.4
	0.625	126.2	111.7	99.6	89.4	80.7	73.2	66.7	61.0	56.0	51.6	47.7	44.2	41.1	38.3	35.8
	0.650	147.6	130.7	116.6	104.6	94.4	85.6	78.0	71.3	65.5	60.4	55.8	51.7	48.1	44.8	41.9
	0.675	171.7	152.0	135.6	121.6	109.8	99.5	90.7	83.0	76.2	70.2	64.9	60.2	56.0	52.2	48.7
	0.700	198.5	175.8	156.8	140.7	126.9	115.1	104.9	95.9	88.1	81.2	75.1	69.6	64.7	60.3	56.4
	0.712	212.5	188.2	167.8	150.6	135.9	123.2	112.3	102.7	94.3	86.9	80.3	74.5	69.3	64.6	60.3
	0.725	228.4	202.3	180.4	161.9	146.1	132.5	120.7	110.4	101.4	93.4	86.4	80.1	74.5	69.4	64.9
	0.737	244.0	216.0	192.6	172.9	156.0	141.5	128.9	117.9	108.3	99.8	92.2	85.5	79.5	74.1	69.3
	0.750	261.6	231.7	206.6	185.4	167.3	151.7	138.2	126.4	116.1	107.0	98.9	91.7	85.3	79.5	74.3
	0.775	298.3	264.1	235.6	211.4	190.7	173.0	157.6	144.2	132.4	122.0	112.8	104.6	97.2	90.6	84.7
	0.800	338.7	299.9	267.5	240.0	216.6	196.4	178.9	163.7	150.3	138.5	128.0	118.7	110.4	102.9	96.2
0.825	383.0	339.2	302.5	271.4	244.9	222.1	202.4	185.1	170.0	156.7	144.8	134.3	124.9	116.4	108.8	
0.850	431.6	382.2	340.8	305.8	276.0	250.3	228.0	208.6	191.6	176.5	163.2	151.3	140.7	131.1	122.5	

Spring rates (lbs/in) for 7/8" x 14" Solid Bars

Effective Rate 10.5

		Length of Arm														
		8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0
Bar Size	0.550	151.3	134.0	119.5	107.2	96.8	87.7	79.9	73.1	67.2	61.9	57.2	53.1	49.3	46.0	43.0
	0.575	180.8	160.1	142.8	128.1	115.6	104.8	95.5	87.4	80.2	73.9	68.3	63.4	58.9	54.9	51.3
	0.600	214.3	189.8	169.2	151.9	137.0	124.3	113.2	103.6	95.1	87.7	81.0	75.1	69.9	65.1	60.8

Spring rates (lbs/in) for 3/4" x 23" Solid Bars

Effective Rate 18.5

		Length of Arm														
		8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0
Bar Size (OD)	0.600	121.6	107.7	96.1	86.2	77.8	70.5	64.3	58.8	54.0	49.7	46.0	42.6	39.6	37.0	34.5
	0.630	147.9	130.9	116.8	104.8	94.5	85.7	78.1	71.5	65.6	60.5	55.9	51.8	48.2	44.9	42.0
	0.670	189.1	167.5	149.4	134.0	120.9	109.7	99.9	91.4	83.9	77.4	71.5	66.3	61.7	57.5	53.7
	0.690	212.8	188.4	168.0	150.8	136.0	123.4	112.4	102.8	94.4	87.0	80.4	74.6	69.3	64.6	60.4
	0.700	225.4	199.6	178.0	159.7	144.1	130.7	119.0	108.9	100.0	92.2	85.2	79.0	73.5	68.5	64.0
	0.710	238.5	211.2	188.4	169.0	152.5	138.3	126.0	115.3	105.9	97.5	90.2	83.6	77.7	72.5	67.7
	0.720	252.2	223.4	199.2	178.7	161.3	146.3	133.2	121.9	111.9	103.2	95.4	88.4	82.2	76.6	71.6
	0.730	266.5	236.0	210.5	188.9	170.4	154.6	140.8	128.8	118.3	109.0	100.8	93.4	86.9	81.0	75.7
	0.740	281.5	249.2	222.3	199.4	180.0	163.2	148.7	136.0	124.9	115.1	106.4	98.7	91.7	85.5	79.9
0.750	297.0	263.0	234.5	210.4	189.9	172.2	156.9	143.5	131.8	121.5	112.3	104.1	96.8	90.2	84.3	
0.775	338.6	299.8	267.4	239.9	216.5	196.3	178.9	163.6	150.3	138.5	128.0	118.7	110.4	102.9	96.1	

CHASSIS KITS
 REAR END
 FRONT END
 PANHARD/W-LINK
 SPROCKETS/CHAIN
 STEERING/RODS/ENDS
 TIRES/WHEELS
 BRAKES/THROTTLE
 SHIFTER
 SHOCKS/TORSION
 SEATS/BELTS
 WING/ENG MOUNT
 BUMPER/BODY
 HARDWARE/TABS/T
 COOLING
 FUEL DELIVERY
 INJECTION/600 ENGINE
 270 ENGINE

Torsion Arms are machined from 2024 aluminum for superior strength.

Steel arms are 1" x .083 chromoly, powder coated black. Rear torsion arms are measured from the center of the splined torsion bar hole to the center of the shackle mount hole. Front torsion arms are measured from the center of the splined torsion bar hole to the end of the arm. Squeeze bolt kit is included. Send us your old torsion arms or a drawing, and we will offset torsion arms to your specifications at no charge.



RR Torsion Arm, Straight
 $\frac{7}{8}$ " spline x 11 $\frac{1}{2}$ " length. Choose $\frac{3}{4}$ " thick heavy duty or $\frac{5}{8}$ " standard thickness. Fits Hyper 600cc 2013 X6 panhard and '04-'06 on right rear.
40-1725HD $\frac{3}{4}$ " HEAVY DUTY \$47.00
40-1725 $\frac{5}{8}$ " STANDARD \$45.00

LR Torsion Arm, Straight
 $\frac{7}{8}$ " spline x 13" length. Choose $\frac{3}{4}$ " thick heavy duty or $\frac{5}{8}$ " standard thickness. Fits X4, X6, and X7 Hyper 600cc.
40-175HD $\frac{3}{4}$ " HEAVY DUTY \$47.00
40-175 $\frac{5}{8}$ " STANDARD \$45.00



RR Torsion Arm, Offset 2 $\frac{1}{16}$ ", Traction Bar
 $\frac{7}{8}$ " spline x 11 $\frac{3}{4}$ " length, $\frac{5}{8}$ " thick. Fits X4 Hyper 600cc with traction bar.
40-172 \$45.00



RR Torsion Arm, Offset 1 $\frac{1}{8}$ "
 $\frac{7}{8}$ " spline x 11 $\frac{3}{4}$ " length, $\frac{5}{8}$ " thick. Fits X6 Jacob's ladder and some X4 Hyper 600cc.
40-171 \$45.00

LR Torsion Arm, Offset 1"
 $\frac{7}{8}$ " spline x 13 $\frac{1}{2}$ " length, $\frac{5}{8}$ " thick. Fits some X4 Hyper 600cc. Offset 1" to get the bearing carrier closer to the sprocket carrier for tighter corner entry and greater stability.
40-176 \$45.00



RR Steel Torsion Arm, Offset
 $\frac{7}{8}$ " spline x 11 $\frac{3}{4}$ " length, 1 $\frac{1}{8}$ " thick. Fits '07 and up Hyper 600cc on right rear. Slightly offset.
40-171-1 \$110.00



LR Steel Torsion Arm, Straight
 $\frac{7}{8}$ " spline x 13" length, 1 $\frac{1}{8}$ " thick. Fits X4, X6 and X7 Hyper 600cc on left rear. Straight.
40-175-1 \$110.00



RR Torsion Arm, Offset
 $\frac{7}{8}$ " spline x 10 $\frac{1}{2}$ " length, $\frac{5}{8}$ " thick, 5° bend. Fits '04-'06 Hyper 600cc.
40-173 \$41.00



RR Torsion Arm, Straight
 $\frac{7}{8}$ " spline x 10 $\frac{1}{2}$ " length, $\frac{5}{8}$ " thick.
40-174 \$41.00



RR Torsion Arm, Offset, Z-Link/Trailing Arm
 Fits X4 Hyper Z-Link. $\frac{7}{8}$ " spline x 10" length, $\frac{3}{4}$ " thick, 3" offset. Includes $\frac{1}{2}$ " rod end with $\frac{7}{16}$ " hole.
40-199 \$74.00

RR Torsion Arm, Offset, Z-Link/Trailing Arm
 $\frac{7}{8}$ " spline x 11 $\frac{1}{8}$ " length, $\frac{3}{4}$ " thick, 3" offset. Includes $\frac{1}{2}$ " rod end with $\frac{7}{16}$ " hole.
40-194 \$74.00



LR Torsion Arm, Straight, Z-Link/Trailing Arm
 Fits X4 Hyper Z-Link. $\frac{7}{8}$ " spline x 11 $\frac{1}{2}$ " length, $\frac{3}{4}$ " thick. Includes $\frac{1}{2}$ " rod end with $\frac{7}{16}$ " hole.
40-202 \$74.00

LR Torsion Arm, Straight, Z-Link/Trailing Arm
 $\frac{7}{8}$ " spline x 12 $\frac{3}{4}$ " length, $\frac{3}{4}$ " thick. Includes $\frac{1}{2}$ " rod end with $\frac{7}{16}$ " hole.
40-192 \$74.00



24-7 support

Get 24-7 access to set-up notes, assembly manuals, and tech information at www.hyperracing.com.



CHASSIS KITS
 REAR END
 FRONT END
 PANHARD/W-LINK
 SPROCKETS/CHAIN
 STEERING/RODS/ENDS
 TIRES/WHEELS
 BRAKES/THROTTLE
 SHIFTER
 SHOCKS/TORSION
 SEATS/BELTS
 WING/ENG MOUNT
 BUMPER/BODY
 HARDWARE/TABS/TI
 COOLING
 FUEL DELIVERY
 INJECTION/600 ENGINE
 270 ENGINE



LF Torsion Arm, Offset 3/4"
 7/8" spline x 12 1/2" length, 5/8" thick. Fits '04 and up Hyper 600cc.
40-180 \$45.00



RF Torsion Arm, Offset 3/4"
 7/8" spline x 11 1/2" length, 5/8" thick. Fits '04 and up Hyper 600cc.
40-185 \$45.00



Front Torsion Arm, Extra Long
 7/8" spline x 13 1/2" length, 5/8" thick.
40-190 \$45.00



RF Torsion Arm, Straight
 7/8" spline x 11 1/2" length, 5/8" thick.
40-186 \$45.00



LF Torsion Arm, Straight
 7/8" spline x 12 1/2" length, 5/8" thick.
40-181 \$45.00



LR Torsion Arm, Straight, 270cc
 3/4" spline x 11 3/8" length, 3/4" thick. Fits '04 and up Hyper 270cc.
40-140 \$41.00



RR Torsion Arm, Offset, 270cc
 3/4" spline x 10 5/8" length, 3/4" thick, 18° bend. Fits '04 and up Hyper 270cc.
40-143 \$41.00



RR Torsion Arm, Straight, 270cc
 3/4" spline x 10 5/8" length, 3/4" thick.
40-144 \$41.00



LF Torsion Arm, Offset, 270cc
 3/4" spline x 13 1/2" length, 3/4" thick, 1 1/8" offset. Fits '04 and up Hyper 270cc.
40-150 \$41.00



LF Torsion Arm, Straight, 270cc
 3/4" spline x 13 1/2" length, 3/4" thick.
40-151 \$41.00



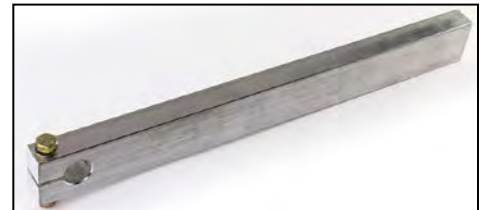
RF Torsion Arm, Straight, 270cc
 3/4" spline x 12 1/2" length, 3/4" thick. Fits '04 and up Hyper 270cc.
40-155 \$41.00



LR Torsion Arm, 5/8"
 11 3/4" length, 5/8" thick. Use with 7/16 rod end.
40-100 \$41.00



RR Torsion Arm, 5/8"
 10 3/4" length, 5/8" thick. Use with 7/16 rod end.
40-101 SPECIFY OFFSET \$41.00



Blank Torsion Arm
40-215 12.5" LENGTH, 7/8" BAR \$48.00
40-104 12.5" LENGTH, 3/4" BAR \$38.00

shop talk

hyper pride

As of December 2020,
 Hyper Drivers racked up over
6,000 wins in the last 12 years!
 In 2019 alone, our drivers had:
559 Feature Wins with 179 different winners
38 Point Championships
 Visit hyperracing.com and check out our
complete Feature Winners List by year.



Seat Mounting
Clamps allow precise placement of seat for maximum comfort.



Measurements are from center of 1" tube to face of end tab.

Seat Mounting Clamp Assembly		
18-745	1 5/8" SHORT	\$28.00
18-746	2 5/8" MEDIUM	\$31.00
18-747	3 5/8" LONG	\$34.00



Seat Mounting Clamp Body		
18-751	1 5/8" SHORT	\$10.75
18-752	2 5/8" MEDIUM	\$14.15
18-753	3 5/8" LONG	\$15.95

Upper Seat Belt Bar
 18-775 \$44.75



Upper Seat Bolt Kit
 For use with our upper seat Clamps. 2 bolts are included with this kit. (2) 5/16"-18 x 1" button head cap screws, (2) 5/16"-18 nyloc nuts, (2) 3/8" hard washers.
 18-754 \$2.25



Seat Adjuster Assembly enables the seat height to be changed easily to compensate for driver height and comfort. Handling can be improved by raising and lowering center of gravity (driver weight).

Seat Adjuster Assembly	
Includes right side support, left side support, seat bar and hardware kit.	
18-799	\$129.00
Left Side Seat Bar Support	
18-801	\$31.50
Right Side Seat Bar Support	
18-800	\$31.50
Seat Bar	
18-805	\$39.00
Seat Adjuster Hardware Kit	
Includes 10 bolts and 4 tabs.	
18-810	\$19.00

shop talk
adjustable upper seat belt bar
 Most of the welded-in upper seat belt bars are in a "one size fits all" position. We designed the adjustable upper seat belt bar to accommodate variation in driver shoulder heights. This bar should be located level with the driver's shoulders for improved safety.

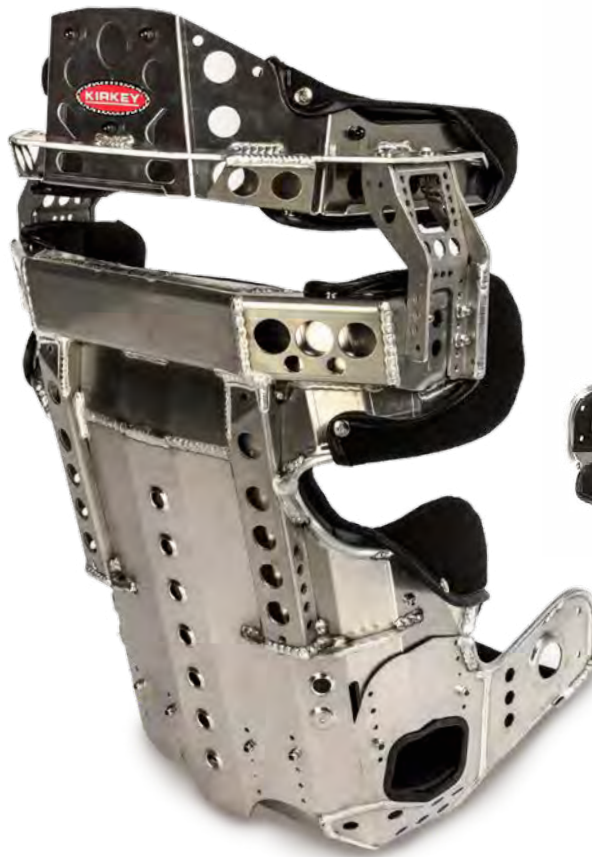
WANT MORE?
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 PRODUCTS!



Kirkey Adjustable Full Containment Seat is designed for 600 Sprints.

Features unique 3-part design for maximum vertical customization adjustment. Available in 12", 13", 14", 15" and 16" sizes with 10° layback.

- Seat has 3" of vertical torso and shoulder height adjustment.
- Head restraint has 2" of vertical adjustment, 1½" of lateral adjustment. Head restraint has ½" horizontal adjustment so right head pad can be moved closer to helmet. Head restraint can be pivoted down for additional peripheral vision.
- Constructed of .080" 5052 grade aluminum.
- Lap and sub belt openings have rubber grommets to eliminate belt wear.
- Accommodates all head and neck restraints.
- High impact low rebound pad on bottom, ribs and shoulders.
- Energy absorbing comfort pad on cover bottom and lumbar area.
- Head restraint has 1½" impact absorbing padding on both sides. |
- Includes black cloth cover and 1" C-clamps for additional head restraint support.
- Mounting instructions and drawing with measurements found at hyperracing.com.



NEED MEASUREMENTS?
VISIT
HYPERRACING.COM
FOR DRAWING!

KIRKEY ADJUSTABLE FULL CONTAINMENT SEATS & COVERS

Adjustable Full Containment Seat with Cloth Cover

12" Kirkey Seat with Cover	18-005	\$639.00
13" Kirkey Seat with Cover	18-001	\$639.00
14" Kirkey Seat with Cover	18-002	\$639.00
15" Kirkey Seat with Cover	18-003	\$639.00
16" Kirkey Seat with Cover	18-004	\$639.00

Kirkey Black Cloth Seat Cover

Cover for 12" Kirkey Seat	18-009	\$159.00
Cover for 13" Kirkey Seat	18-010	\$159.00
Cover for 14" Kirkey Seat	18-011	\$159.00
Cover for 15" Kirkey Seat	18-012	\$159.00
Cover for 16" Kirkey Seat	18-013	\$159.00

Kirkey Head Support can be easily installed on any non containment seat and make it even safer and more comfortable. This side support is made out of the same grade of aluminum as the Kirkey seats. Cover sold separately.



Kirkey Head Support, Right
18-500 \$25.90



Black Tweed Cover for 18-500
18-502 \$15.50



Complete Simpson Lightweight Belt Kit weights just 4 pounds! Saves 1.2 pounds over regular belt kit.

Simpson Lightweight Seat Belts by Safety Solutions adjust with ease and feature pull-down style 2" shoulder belts and weight saving forged aluminum shoulder latch. Lap belt is also lightweight forged aluminum. These truly are the best quality seat belts available.



Simpson Lightweight Seat Belts
90-020 \$299.00



Simpson Floor Mount Kit
90-31020 \$25.50



Simpson Bolt-in Hardware Kit (pair)
90-29078 \$17.95



Simpson 62" Latch F/X 5-Way Seat Belts
Latch F/X System is lightweight and compact. Pull down style, wrap around 3" shoulder and lap belts with 2" bolt-in sub belt.
90-29072-BLAC \$139.95

Simpson's Hybrid Series Head Restraints feature the trusted low profile design which disappears into the seat when worn and allows for easy in and out of the race car, eliminating the danger of becoming caught in other gear. Both models ship race ready with standard quick release and D-ring helmet anchors. M61 QR Tether is optional.



Hybrid Pro Lite
Lightweight design and carbon fiber construction for maximum comfort and maneuverability with superior strength. Includes Seatbelt Anchor System.
90-015 SPECIFY SIZE \$995.00



Hybrid Sport
Lightweight DuPont carbon/polymer construction.
90-018 SPECIFY SIZE \$599.00

? know the code

hybrid size chart

Chest strap size with driving suit on, shown as a range from smallest to largest adjustment:

- X-Small 32"-36"
- Small 36"-40"
- Medium 40"-44"
- Large 44"-48"
- X-Large 48"-52"



STANDARD QR TETHER

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

Ti-FX Wing Post Kits for Internal Slider Wings and Nose Wings include titanium post, 7075 T651 alloy aluminum insert for maximum strength, bearings (top wing kit) and gold plated titanium bolts and nuts to hold fast. If the post bends, purchase just the post and re-use the insert.

- Steel ball bearing load surface on the top wing kit
- 7075 T651 alloy aluminum insert for maximum strength
- Titanium post is lightweight and strong
- Titanium bolts and nuts are gold coated
- Ti-FX branding looks great



Choose from 3 post lengths or custom cut to desired length. The posts will fit both the top wing insert and the nose wing insert.



- Ti-FX Internal Top Wing Post Kit**
- | | | |
|--------|---|-----------------|
| 30-032 | 9" LENGTH/FIXED OR ADJUSTABLE | \$39.90/44.90 |
| 30-031 | 10 ³ / ₄ " LENGTH/FIXED OR ADJUSTABLE | \$42.90/47.90 |
| 30-030 | 12" LENGTH/FIXED OR ADJUSTABLE | \$47.00/\$52.00 |



- Ti-FX Nose Wing Post Kit**
- | | | |
|--------|---|---------|
| 30-042 | 9" LENGTH | \$34.95 |
| 30-041 | 10 ³ / ₄ " LENGTH | \$34.95 |
| 30-040 | 12" LENGTH | \$34.95 |

? *know the code*

top post lengths
 9" overall = 7" post length
 10³/₄" overall = 8³/₄" post length
 12" overall = 10" post length



3/8" Bearing for 30-050/052
08-824 \$2.99



Ti-FX Internal Top Wing Post Insert, Fixed
30-050 \$16.00



Ti-FX Internal Top Wing Post Insert, Adjustable
30-052 \$21.00



Ti-FX Nose Wing Post Insert
30-051 \$12.50



Ti-FX Wing Post, Titanium
Fits nose wing and top wing kits.

30-057	7"	\$15.95
30-056	8 ³ / ₄ "	\$17.20
30-055	10"	\$18.80



1/4"-20 x 1.00" Hex Head Cap Screw, Titanium
Use on Ti-FX system.

- | | | |
|----------------|-----------------------------------|--------|
| 981-04-20-1.00 | POST | \$5.46 |
| 981-04-20-1.25 | BEARINGS | \$5.64 |
| 986-04-20 | 1/4"-20 Nylock Half Nut, Titanium | \$5.30 |

Roller Wing Posts fit internal slider wings and utilize nylon rollers to provide cushion as well as a wider spread contact area for the runner. Cap is cast from 4140 high carbon steel for durability. Powder coated black or plated. Includes post, rollers and hardware.



Roller Wing Post, Straight
30-060 7¹/₂" \$32.00
30-061 12" \$33.00



X7 to X6 Conversion Roller Post
30-063 10¹/₂" \$39.00



Roller Post Long, Bent Forward
30-062 \$38.00



Roller Post Nylon Wheel (pair)
30-066 \$5.00

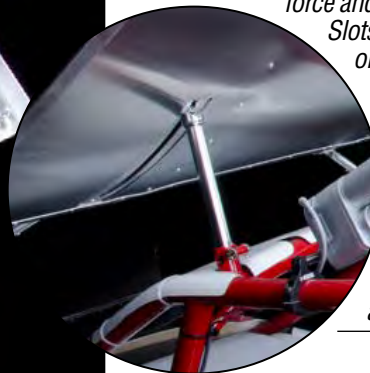


Roller Wing Post Cap, Weld-On
95-319 \$10.95

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



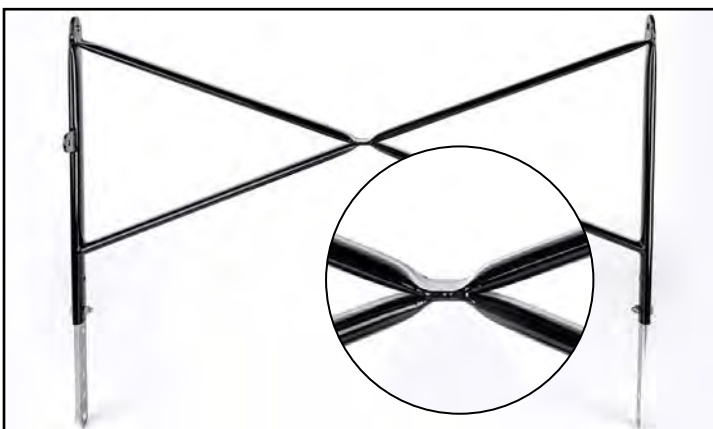
Internal Slider Wing is constructed from durable and strong 6061 T-6 aluminum in our own unique Offset Wide design. Right and left side panels are 54" x 24" for maximum side force and excellent cornering. Slots are 23" or 25" center on center. X7 uses the 25" channel width and all other Hyper Chassis use the 23" channel width. Internal Slider Wing lends itself perfectly for use with our dual wing adjuster assembly.



HYPER WINGS 12' SQUARE INTERNAL SLIDER WING WITH 54" SIDE PANELS AND DUAL WING ADJUSTER ASSEMBLY

HYPER WINGS INTERNAL SLIDER WINGS		
16' Square 54" Internal Slider Wing, 23"	30-085	\$469.00
14' Square 54" Internal Slider Wing, X7, 25"	30-087	\$469.00
12' Square 54" Internal Slider Wing, X7, 25"	30-091	\$419.00
12' Square 54" Internal Slider Wing, 23"	30-090	\$419.00
12' Square 48" Internal Slider Wing, 23"	30-089	\$334.00
10' Square 48" Internal Slider Wing, X7, A Class, 25"	30-1093	\$355.00

INTERNAL SLIDER WING SIDE PANELS AND CENTER SECTIONS		
48" x 24" Left Side Panel for 12' Wing	30-115	\$79.00
54" x 24" Left Side Panel for 12' Wing	30-1155	\$112.00
48" x 21" / 17" Right Side Panel for 12' Wing	30-118	\$79.00
54" x 24" Right Side Panel for 12' Wing	30-1185	\$112.00
Center Section for 54" & 48" Internal Slider Wing	30-094	\$249.00



Aero Rear Wing Upright is aerodynamic and stronger than the 30-075 upright. The wide but narrow cross section of the aero tubing in combination with the X that forms the cross brace makes for a very rigid upright. Aero Upright does not flex, preventing binding from the wing adjuster motor pushing just one side of the wing. Includes black powder coated upright, inserts, and bolts.

Aero Rear Wing Upright Assembly for Internal Slider Wing
30-074 **\$219.00**



Internal Slider Upright is designed for wings that have a 25" spread between tabs and for frames that are 24 3/4" between the inside of the tabs, or 23 5/8" on the outside of the tabs. Uses 5/16" bolts top and bottom. Black powder coated 4130 chromoly "H" section with black aluminum inserts. Includes upright, clips, inserts, black aluminum rod ends and jam nuts.

Adjustable Rear Wing Upright Assembly for Internal Slider Wing
30-075 **COATED CHROMOLY** **\$99.00**
30-075TI **TITANIUM** **\$279.00**
Adjustable Rear Wing Upright for Internal Slider Wing
30-076 **\$69.00**



Rear Wing Upright Inserts (pair)
30-0751 **\$48.00**



Insert for Rear Wing Upright for Internal Slider Wing
Fits 30-165, 30-199, 30-075.
30-0775 **\$9.95**

HYPER WINGS 12' SQUARE 4-POST WING WITH 54" SIDE PANELS



**WANT MORE?
VISIT
HYPERRACING.COM
FOR MORE
PRODUCTS!**

Hyper Wings 4-Post Offset Wide Wings feature 54" x 24" right and left side panels for maximum side force and excellent cornering. All wings are constructed from durable and strong 6061 T-6 aluminum. Center section mounting posts are 16" apart.

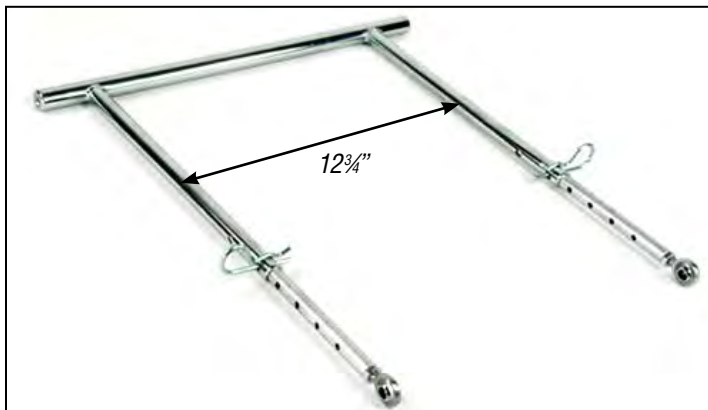
Unassembled Wings are pre-cut, fitted and ready to assemble. All you need is a pop rivet gun.



HYPER WINGS 4-POST WINGS		
12' Square 54" 4-Post Wing	30-107	\$365.00
12' Square 48" 4-Post Wing	30-105	\$265.00
10' Square 48" 4-Post Wing	30-110	\$310.00

SIDE PANELS AND CENTER SECTIONS -12'SQUARE		
48" x 24" Left Side Panel for 12' Wing	30-115	\$79.00
54" x 24" Left Side Panel for 12' Wing	30-1155	\$112.00
48" x 21"/17" Right Side Panel for 12' Wing	30-118	\$79.00
54" x 24" Right Side Panel for 12' Wing	30-1185	\$112.00
Center Section for 12' 4-Post Wing	30-114	\$225.00

Front and Rear Wing Uprights are 3/4" plated chromoly. Measurements given are center to center distances between posts.



Adjustable Rear Wing Upright, for 4-Post Wing
Does not fit internal slider wing.
30-165 \$94.50

HYPER WINGS, UNASSEMBLED

Internal Slider Wings, Unassembled		
16' Sq. 54" Internal Slider Wing, Unassembled, 23"	30-1130	\$476.00
14' Sq. 54" Internal Slider Wing, Unassembled, X7, 25"	30-0871	\$469.00
12' Sq. 54" Internal Slider Wing, Unassembled, X7, 25"	30-1086	\$426.00
12' Sq. 54" Internal Slider Wing, Unassembled, 23"	30-1085	\$426.00
12' Sq. 48" Internal Slider Wing, Unassembled, 23"	30-1084	\$345.00
10' Sq. 48" Int Slider Wing, Unassembled, X7, A Class, 25"	30-1094	\$355.00
10' Sq. 48" Internal Slider Wing, Unassembled, 23"	30-1089	\$355.00
4-Post Wings, Unassembled		
16' Sq 54" 4-Post Wing, Unassembled, 23"	30-1125	\$436.00
12' Sq. 54" 4-Post Wing, Unassembled, 23"	30-1124	\$382.00
12' Sq. 48" 4-Post Wing, Unassembled, 23"	30-1123	\$310.00
10' Sq. 48" 4-Post Wing, Unassembled, 23"	30-1121	\$310.00

SIDE PANELS AND CENTER SECTIONS, UNASSEMBLED-12' SQUARE		
Center Section for 12', Unassembled	30-1145	\$225.00
54" x 24"/20" Right Side Panel, Unassembled	30-1187	\$119.00
54" x 24" Left Side Panel, Unassembled	30-1157	\$119.00
48" x 24" Left Side Panel, Unassembled	30-1152	\$84.00
48" x 21"/17" Right Side Panel, Unassembled	30-1182	\$84.00



Front Wing Upright, 4-Post Wing
30-150 \$49.00



Hairpin for Wing Posts
30-078 \$1.30



Champion High Gloss Sprint Wax, 22 oz.
74-340 \$9.85



Socket Pinch Assembly uses 5/16-24 x 1 1/2" long HHCS bolt with nylock full nut, not included.

Top Wing/Nose Wing Socket Pinch Assembly
1 1/4" notch, 3/4" I.D.
95-312 \$19.95

10° Top Wing Socket Pinch Assembly for X7
1 1/4", 10° notch, 3/4" I.D.
95-312-2 \$19.95

CHASSIS KITS
REAR END
FRONT END
PAN/ARO/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG INDOUT
BUMPER/BODY
HARDWARE/TABS/T
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

WING ADJUSTERS

Dual Wing Adjuster Assembly works with our internal slider wings and allows 22 degrees of vertical adjustment as well as the usual front to back. If you start at 15 degrees it will adjust it to an insane 37 degrees! Not compatible with post wings.



Dual Wing Adjuster Assembly

Includes (2) electric wing adjuster motors, (2) sealed switches, (2) clamps, pivot bracket, 30-075 rear wing upright assembly, wiring, and hardware. Front posts not included.

30-300 \$479.00

Dual Wing Adjuster Assembly Upgrade Kit

Upgrade internal slider wing adjuster to dual wing adjuster with this upgrade kit. Includes (1) electric wing adjuster motor, (1) sealed switch, (1) clamp, pivot bracket, wiring, and hardware. Uprights not included.

30-302 \$239.00

Go from winged to wingless faster!

Pinned Wing Adjuster Motor Clamps utilize a clevis pin to hold the wing motor in place. Strong design enables quick removal of the wing motor when switching from winged to wingless racing. We know our customers will find other creative ways to use these versatile clamps!



Pinned Wing Motor Clamp

30-2071 3/4" \$19.50

30-2072 7/8" \$19.50



Pinned Wing Motor Clamp

30-2074 1 1/4" \$19.50

30-2075 1 3/8" \$19.50



Wing Adjuster Clamp enables wing to be mounted in the exact position needed to utilize the motor's full travel without binding.

1 1/4" Wing Adjuster Motor Clamp
30-2065 \$17.50

1 3/8" Wing Adjuster Motor Clamp
30-2068 \$17.50



Pivot Bracket for Dual Wing Adjuster

30-305 \$99.00



Electric Wing Adjusters are designed to use your 12 volt power source such as a cordless drill battery.

Deluxe Electric Wing Adjuster Assembly

Includes motor, 30-215 switch and 608-050 wiring harness.

30-208 \$104.00



Electric Wing Adjuster Motor

7" of travel.

30-2067 \$64.00



Cable Wing Adjuster Assembly

Simple, light and strong. Includes 1/4" push-pull cable with twist-lock handle, two weld-on tabs, 1/4" rod end and instructions.

30-200 \$158.00



Environmentally Sealed Switch for Electric Wing Adjuster

Double pole, double throw.

30-215 \$28.00



Wing Adjuster Cable 1/4"

30-201 \$149.00



Electric Wing Adjuster Harness

608-050 \$20.00



Wing Upright Cable Tab

T-14 \$3.50

Wing Upright Cable with Notch

T-14N \$3.50

Long Cable Tab with Notch

T-45 \$3.50



Telescoping Wing Positioner

30-199 \$54.00



Rear Wing/Lower Panhard Tab

T-05 \$3.25



WATCH:
**DUAL WING
ADJUSTER
VIDEO**



Nose Wing Assemblies include: wing, posts, straps, bolts and nuts.

Nose Wing Assembly

30-119 24"	\$139.00
30-1195 28"	\$144.00
30-1196 32"	\$149.00



24" Front Nose Wing

Side board: 8" x 20", center section: 18" long x 24" wide.
30-120 \$79.00

28" Front Nose Wing

Side board: 10" x 24", center section: 18" long x 28" wide.
30-1205 \$88.00

32" Front Nose Wing

Side board: 10" x 24", center section: 18" long x 32" wide.
30-1207 \$99.00

SIDE PANELS FOR NOSE WINGS

Side Panel for 24"	30-1209	\$15.00
Side Panel for 28", 32"	30-1211	\$18.50



Nose Wing Angle Bracket
Fits all of our nose wings.

30-1208 \$10.95

shop talk
shipping notes

• Due to our high volume, we have earned great shipping rates from UPS, FedEx, and US Postal and we pass those rates along to you!



Nose Wing Strap, 6-Hole, Offset
30-1216 \$14.75



Nose Wing Strap, 6-Hole, Straight (each)
30-1217 \$14.75



Nose Wing Strap, Offset (each)
30-121 \$13.95



Nose Wing Strap, Straight (each)
30-1215 \$13.95

shop talk
wing position

Adjustments to wing angle can make a big difference in your handling. Moving the wing up will tighten the car and moving the wing down will loosen the car. Moving the wing back will tighten the car and moving the wing forward will loosen the car.



1/2" Nose Wing Post, '98-'08
30-122 \$15.95

3/4" Nose Wing Post, '09 and up
30-123 \$15.50



3/4" Nose Wing Post, Bent
30-124 \$17.50



1/2" Split Two Piece Collar, Aluminum (each)
30-270 \$10.25



Strut Sockets (each)
30-1189 \$4.95



Strut Material (4 foot length)
30-1188 \$16.95



Socket Pinch Assembly uses 5/16"-24 x 1-1/2" long HHCS bolt with nylock full nut, not included.

Top Wing/Nose Wing Socket Pinch Assembly
1 1/4" notch, 3/4" I.D.
95-312 \$19.95

10° Top Wing Socket Pinch Assembly for X7
1 1/4", 10° notch, 3/4" I.D.
95-312-2 \$19.95



Aluminum Wing Runner (pair)
Bolts onto wing posts, 5/8" slots, inserts sold separately.
30-254 \$68.00



5/16"-18 Shoulder Bolt, Front (each)
30-262 \$2.50

1/4"-20 Shoulder Bolt, Rear (each)
30-263 \$2.15



5/16"-18 Shoulder Bolt, for Electric Wing Adjuster Motor (each)
Drill out the electric wing motor to 5/16" hole for this bolt to fit through. 5/16 x 7/8" long with 1/4-20 threads.
30-205 \$3.45



Nylon Wing Runner/Slider Inserts, 5/8" Slots (pair)
30-267 \$15.90



Rear Wing Pinch Clamp (each)
30-250 \$13.25



Wing Cap, Carbon Fiber Look
30-280 NOSE WING \$45.00
30-281 TOP WING \$72.00

ENGINE MOUNTS

Engine Mount Slider Kits for 600cc include plates, spacers and bolts. Engine Mount Plates are $\frac{3}{8}$ " thick aluminum with radiused edges.
Note: Short engine plates moves engine back about 1" and can only be used on 2018 and newer chassis.



ENGINE MOUNT SLIDER KITS FOR 600CC

'09-'18 Kawasaki ZX-6R 600/636	656-204-2	\$179.00
'09-'18 Kawasaki ZX-6R 600/636 Short	656-204-3	\$179.00
'07-'08 Kawasaki ZX-6R 600	656-204	\$179.00
'05-'06 Kawasaki ZX-6R 636	656-203	\$179.00
'03-'04 Kawasaki ZX-6R 636	656-202	\$179.00
'06 and up Yamaha YZF-R6	656-210	\$179.00
'06 and up Yamaha YZF-R6 Short	656-211	\$179.00
'03-'05 Yamaha YZF-R6	656-201	\$179.00
'03-'05 Yamaha YZF-R6 Short	656-2012	\$179.00
'99-'02 Yamaha YZF-R6	656-200	\$179.00
'06 and up Suzuki GSX-R600/750	656-157	\$179.00
'01-'05 Suzuki GSX-R600/750	656-155	\$179.00
'97-'00 Suzuki GSX-R600	656-150	\$179.00
Honda CBR600 F2/F3	656-100	\$179.00
'07 and up Honda CBR600 RR	656-301	\$179.00
'03-'06 Honda CBR600 RR	656-300	\$179.00



ENGINE MOUNT SPACER KITS FOR 600CC

Engine Mount Spacer Kit, ZX-6R '09 and up	656-205D	\$25.00
Engine Mount Spacer Kit, ZX-6R '07-'08	656-204D	\$25.00
Engine Mount Spacer Kit, ZX-6R '05	656-203D	\$25.00
Engine Mount Spacer Kit, ZX-6R '03-'04	656-202D	\$25.00
Engine Mount Spacer Kit, R6 '06 and up	656-210D	\$25.00
Engine Mount Spacer Kit, Short, R6 '06 and up	656-211D	\$25.00
Engine Mount Spacer Kit, R6 '03-'05	656-201D	\$25.00
Engine Mount Spacer Kit, R6 '99-'02	656-200D	\$25.00
Engine Mount Spacer Kit, GSX-R '06 and up	656-157D	\$25.00
Engine Mount Spacer Kit, GSX-R '01-'05	656-155D	\$25.00
Engine Mount Spacer Kit, GSX-R '97-'00	656-150D	\$25.00
Engine Mount Spacer Kit, Honda F4	656-101D	\$25.00
Engine Mount Spacer Kit, Honda F3	656-100D	\$25.00



6AL4V Ti

Engine Bolt Kit for 600cc/1000cc Rear, Titanium

Includes $\frac{3}{8}$ "-16 x $8\frac{1}{4}$ " (3), $\frac{3}{8}$ " nuts (3), $\frac{7}{16}$ "-20 x $8\frac{1}{4}$ " (2), $\frac{7}{16}$ " nuts (2), $\frac{7}{16}$ " hardened washers (4), $\frac{3}{8}$ " washers (6) and nut bar. Only the bolts are titanium. See torque recommendations on hyperracing.com.

656-206Ti

\$79.00



COMPLETE ENGINE BOLT KITS FOR 600CC

Engine Bolt Kit, ZX-6R '07 and up	656-204E	\$44.50
Engine Bolt Kit, ZX-6R '05-'06	656-203E	\$44.50
Engine Bolt Kit, R6 '06 and up	656-210E	\$44.50
Engine Bolt Kit, R6 '03-'05	656-201E	\$44.50
Engine Bolt Kit, GSX-R '06 and up	656-157E	\$44.50



6AL4V Ti

$\frac{3}{8}$ "-16 x $8\frac{1}{4}$ " Hex Head Cap Screw, Titanium (each)

981-06-16-8.25 \$17.80

$\frac{7}{16}$ "-20 x $8\frac{1}{4}$ " Hex Head Cap Screw, Titanium (each)

981-07-20-8.25 \$19.90



Engine Bolt Kit, for 600cc/1000cc Rear, Grade 8

656-206 \$39.50



$\frac{3}{8}$ "-16 x $8\frac{1}{4}$ " Hex Head Cap Screw, Grade 8 (each)

971-06-16-8.25 \$12.30

$\frac{7}{16}$ "-20 x $8\frac{1}{4}$ " Hex Head Cap Screw, Grade 8 (each)

971-07-20-8.25 \$13.95

shop talk

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@HyperRacing44

Engine Jacker Bolts fit all 270cc, 600cc and 100cc on Hyper Chassis. 7/16"-14 fully threaded bolt available in titanium or grade 8 with jam nut.



Engine Jacker Bolt, Titanium
Super lightweight and strong.
65-300TI **\$9.50**



Engine Jacker Bolt, Grade 8
65-300 **\$4.50**



3/8" AN Flat Washer,
(pack of 4)
975-06-ANFW(25) **\$4.00**

7/16" Hardened Flat Washer,
(pack of 4)
975-07-HARDFW4 **\$2.00**

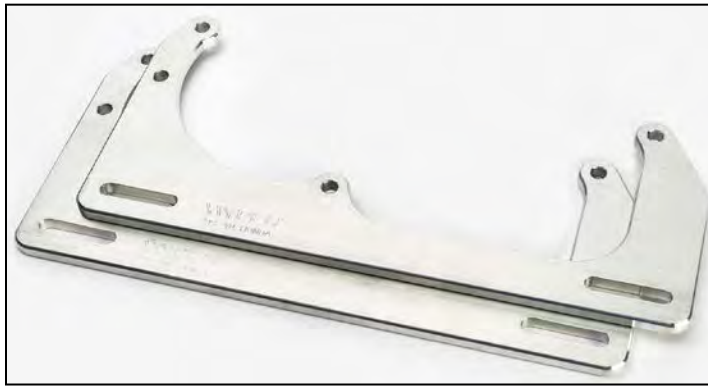
1/2" Hardened Flat Washer,
(pack of 4)
975-08-HARDFW4 **\$2.40**



1/2" Lock Washer, (each)
975-08-LCKWSHR **\$.50**



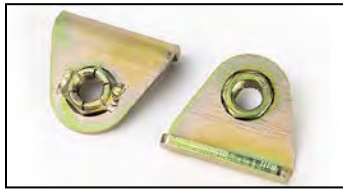
Set-Up Blocks are adjustable from 1" to 3 1/4" at 1/4" increments with many 1/8" increments. 1 5/8", 1 7/8", 2 1/8", 2 5/8", 2 7/8", 3 1/8" heights are provided. CNC machined aluminum, anodized.
Set-Up Blocks (set, as shown)
80-600 **\$79.50**



2-STROKE ENGINE SLIDER PLATES		
'92-'01 Honda CR250 Slider Plate (pair)	65-100	\$79.00
Yamaha YZ250 4-Stroke Slider Plate (pair)	65-150	\$79.00
'92-'01 Honda CR125 Slider Plate (pair)	65-120	\$79.00



Engine Bolt Kit, 270cc
65-206 **\$14.50**



Nut Retaining Brackets (pair)
Plated steel. Holds 3/8"-16 nuts in place as you tighten.
65-0115 **\$21.00**



Spacer Kit '92-'01 CR250, 4 1/2"
Fits Hyper or any 4 1/2" channel.
65-203 **\$16.50**



Spacer Kit '92-'01 CR250, 5 1/4"
Fits 5 1/4" channel.
65-2031 **\$16.50**



Engine Mount Rubber Bushings, (pack of 4)
Fits 2010 and up Hyper Chassis 270cc. Reduces vibrations to help stop frame crack and component fatigue. These should be replaced about every 20 races; they will begin to disintegrate.
65-320 **\$16.95**



Engine Mount Sleeve Outside, (each)
Use with our rubber bushings.
65-326 **\$11.50**



Engine Mount Sleeve Inside, (each)
Use with our rubber bushings.
65-325 **\$11.50**

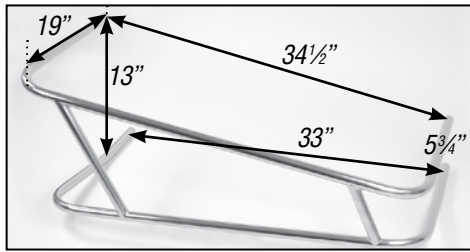


**BRIGHT, PAUL,
SNYDER, CARBER**
**CLYDE MARTIN
MEMORIAL SPEEDWAY**

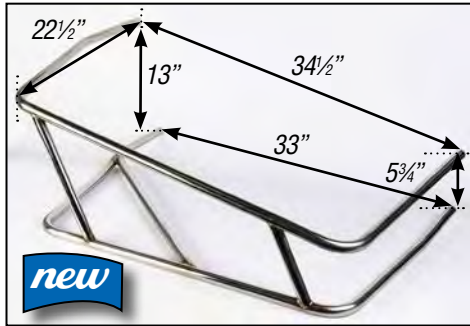
CHASSIS
KITS
REAR END
FRONT END
PAN-ARM/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG MOUNT
BUMPER/
BODY
HARDWARE/
TABS/T
COOLING
FUEL
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

NERF BARS/BUMPERS

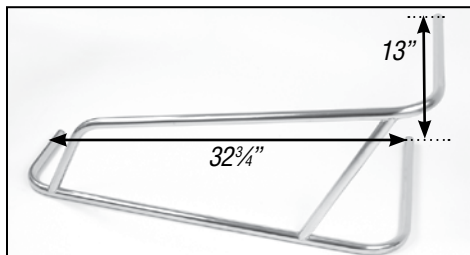
Bumpers, Nerf Bars and Protector Bars are constructed from $\frac{7}{8}$ " stainless steel. Measurements given are center to center distances between posts.



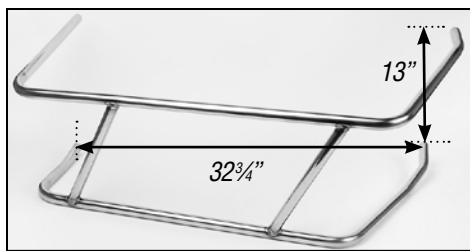
600cc/270cc Right Nerf Bar
Our standard right side nerf bar is now made $1\frac{1}{2}$ " longer! Can be cut down if desired.
12-255 \$104.00



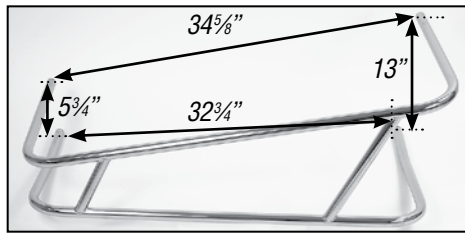
600cc Long Right Nerf Bar
Our longest nerf bar is made to be even with the right rear tire. Added gusset supports the nerf bar both from getting pushed back into the tire and from being pushed up. Can be cut down if desired.
12-257 \$119.00



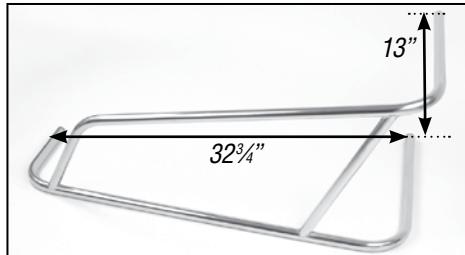
600cc Left Nerf Bar
12-350 \$94.00



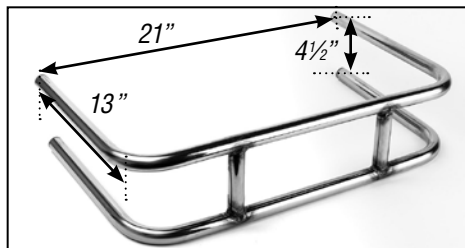
600cc Left Nerf Bar, 4-Post
Extra protection for the injection and engine. Pre-2007 frame requires 95-310 socket.
12-351 \$104.00



270cc Left Nerf Bar
12-205 \$104.00



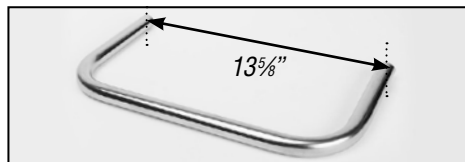
X7 270cc Short Left Nerf Bar
12-352 \$94.00



Dual Rail Front Bumper
Four posts design fits front bumper socket 95-3101 and 95-3102.
12-153 \$105.00



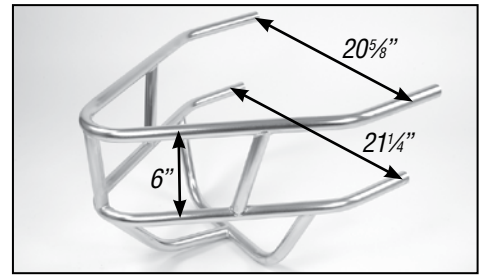
Hoop Front Bumper
Heavy duty bumper is taller and wider.
12-154 \$119.00



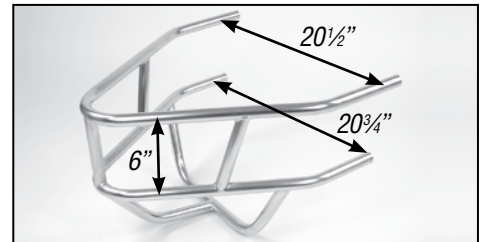
Front Bumper
12-155 \$24.50

BUMPER AND NERF BAR SOCKETS FOUND ON PAGE 110

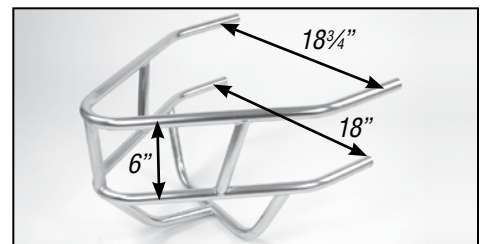
Note: '07 and up Hyper Chassis with the Fuel Forward Tank Tail System use the 12-184 rear bumper for maximum ground clearance.



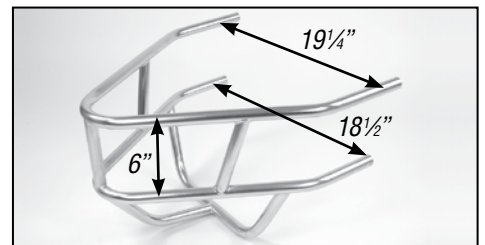
600cc Rear Bumper, '07 and up, Hoop
12-184 FUEL FORWARD TAIL \$134.00
12-180 CLASSIC TAIL \$134.00



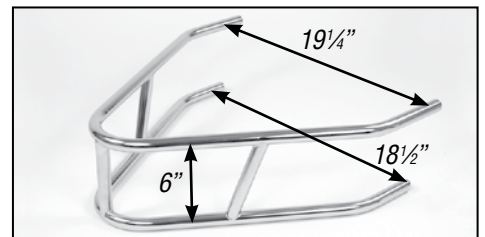
600cc Rear Bumper, '02-'06, Hoop
12-170 \$134.00



600cc Rear Bumper, '97-'01, Hoop
12-168 \$134.00



270cc Rear Bumper, Hoop
12-110 '10 AND UP \$135.00
12-106 '96-'09 \$135.00



270cc Rear Bumper, '96-'09
12-105 \$104.00

6AL4V Ti



Bumper/Nerf Bar Bolt Kit, Titanium

Features (4) 10-24 x 1³/₈" titanium hex head cap screws and (4) 10-24 nyloc half nuts, enough for one nerf bar or one rear bumper. 4 kits are needed to do the whole car. These bolts are the perfect length.

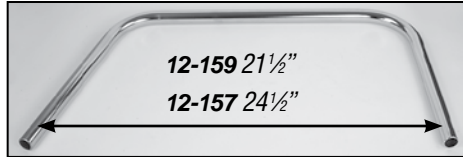
12-050TI \$14.80



Bumper/Nerf Bar Bolt Kit

(4) 10-24 x 1¹/₂" stainless steel, with nuts.

12-050 \$3.59

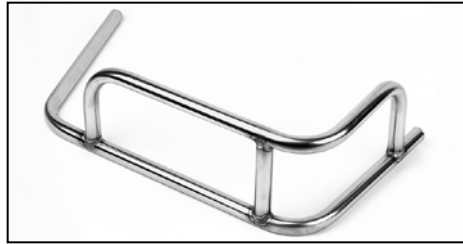


'07 and up Injector Protector Bar

12-159 \$26.00

'02-'06 Injector Protector Bar

12-157 \$26.00



'07 and up Hoop Injector Protector Bar

12-1596 \$88.00

Bolt-On Halos are constructed from chromoly steel and powder coated black.

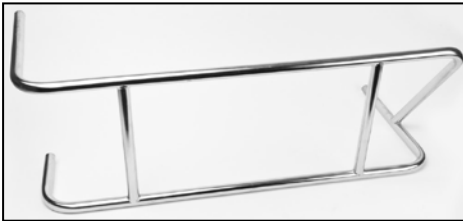


Reinforced Bolt-On Cage Halo for '07 & up Hyper 600cc

12-405 \$220.00

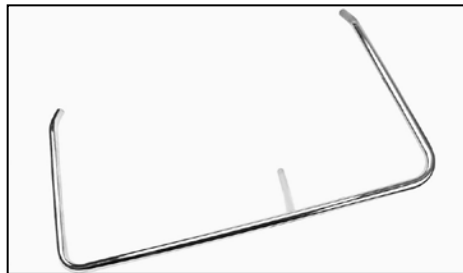
HUGGER & HUGGER V2 BUMPERS/NERF BARS

Bumpers and Nerf Bars for Hugger and Hugger V2 are constructed from stainless steel.



Hugger Left Nerf Bar

12-595 \$135.00



Hugger Right Nerf Bar

12-590 \$135.00



Hugger V2 Square Rear Bumper

12-597 \$125.00



Hugger V2 Front Bumper

12-580 \$105.00



**KYLE SPENCE
TULSA SHOOTOUT**



Set-Up Blocks are adjustable from 1" to 3¹/₄" at 1/4" increments with many 1/8" increments. 15/8", 17/8", 21/8", 25/8", 27/8", 31/8" heights are provided. CNC machined aluminum, anodized, post machined, and laser etched.

Set-Up Blocks (set, as shown)

80-600 \$79.50

CHASSIS KITS
REAR END
FRONT END
PAN/ARO/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPERS/BODY
HARDWARE/TABS/T
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

BILLY KOCH
CHAD SANDT
DAMON PAUL
ACTION TRACK USA



JARID KUNKLE
CLYDE MARTIN
MEMORIAL SPEEDWAY



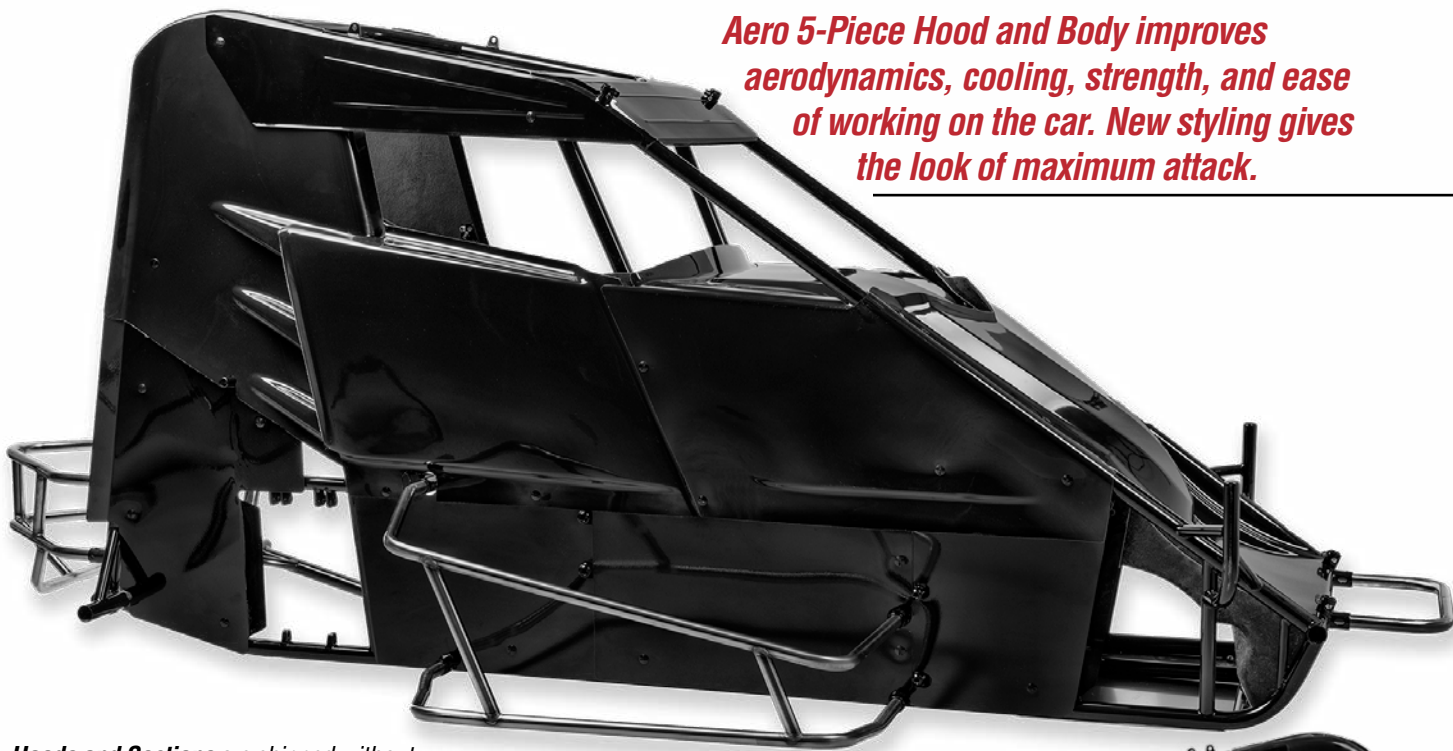
JOEY JAROWICZ
ACTION TRACK USA



RYAN STANGLE
PRESTON LATTOMUS
ACTION TRACK USA



Aero 5-Piece Hood and Body improves aerodynamics, cooling, strength, and ease of working on the car. New styling gives the look of maximum attack.



Hoods and Sections are shipped without holes. Use your panels as a guide and drill your own holes.

Carbon Fiber Panels are made from prepreg vacuum formed carbon fiber for maximum strength and minimum weight. Fits 2007 and up Hyper 600cc (X4/X6/X7). Choose white fiberglass, black fiberglass or carbon fiber. The lower center section removes with four panel fasteners giving access to the radiator. The upper center section removes with three panel fasteners and offers much stronger construction. The right side section can be removed without taking the top panels off to give access to the pedal assembly, radiator, and electronics. The left side section removes for access to the battery and cooling lines.

The Aero design provides extra strength and stability over the injection. Front scoop aides downforce in winged and wingless application. The scoop also helps cooling as it forces more air through the radiator by blocking areas where air would bypass the radiator.



X7 BACK RIGHT ARM GUARD IN CARBON FIBER

shop talk

hyper university

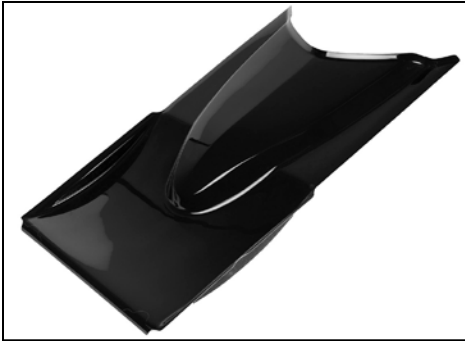
To further your education, read our set-up manuals, assembly manuals, and set-up theory on our website at hyperracing.com. Our Tech Department section has a lifetime of work documented for your support.

- CHASSIS KITS
- REAR END
- FRONT END
- PANHARD/W-LINK
- SPROCKETS/CHAIN
- STEERING/RODS/ENDS
- TIRES/WHEELS
- BRAKES/THROTTLE
- SHIFTER
- SHOCKS/TORSION
- SEATS/BELTS
- WING/ENG MOUNT
- BUMPERS/BODY
- HARDWARE/TABS/TT
- COOLING
- FUEL DELIVERY
- INJECTION/600 ENGINE
- 270 ENGINE



Aero 5-Piece Hood, Complete, '07 & Up

146-696	BLACK	\$499.00
146-696	WHITE	\$499.00
146-697	CARBON FIBER	\$953.00



Aero Lower Center Hood Section

146-700	WHITE	\$129.00
146-700B	BLACK	\$129.00
146-700C	CARBON FIBER	\$249.00



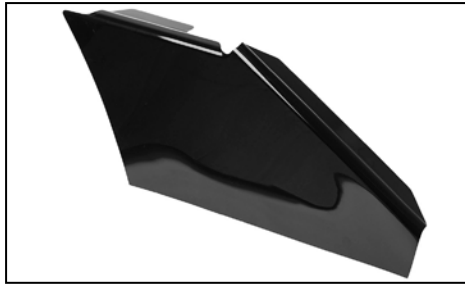
Aero Upper Center Hood Section

146-705	WHITE	\$99.00
146-705B	BLACK	\$99.00
146-705C	CARBON FIBER	\$204.00



Aero Left Side Hood Section

146-711	WHITE	\$79.00
146-711B	BLACK	\$79.00
146-711C	CARBON FIBER	\$178.00



Aero Right Side Hood Section

146-710	WHITE	\$95.00
146-710B	BLACK	\$95.00
146-710C	CARBON FIBER	\$199.00

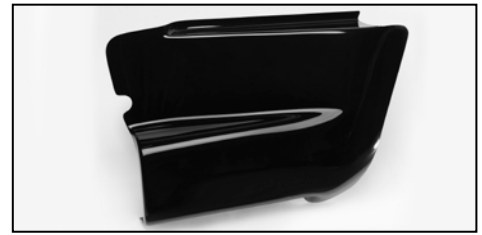


Dash, Aero and all '07 & Up 600cc Hoods

146-173	WHITE	\$119.00
146-173B	BLACK	\$119.00
146-903	CARBON FIBER	\$189.00

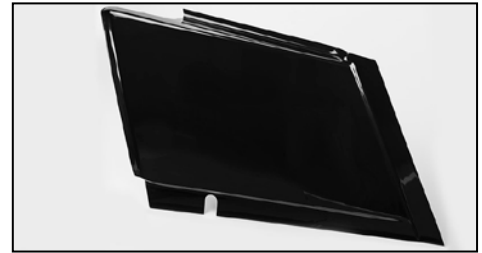
"It is not just a good car owner, a good driver and a good crew chief that gives you even a chance to win such a big event as the Tulsa Shootout. It all starts right there in Lewisberry, PA at Hyper Racing. From the welders, to fitting the body on the car, to building the shocks, to dyno tuning the motors and everything else, a winning team starts with you all. Never thought I would be part of a team that would win a Golden Driller and now that I am part of a team that has won two, well that's pretty damn cool."

JASON BROWN
HOPE MILLS, NC



X7 Front Left Arm Guard, '07 and up

146-231	WHITE	\$99.00
146-231B	BLACK	\$99.00
146-231C	CARBON FIBER	\$244.00



X7 Front Right Arm Guard, '07 and up

146-227	WHITE	\$97.00
146-227B	BLACK	\$97.00
146-227C	CARBON FIBER	\$229.00



X7 Back Left Arm Guard, '07 and up

146-232	WHITE	\$107.00
146-232B	BLACK	\$107.00
146-232C	CARBON FIBER	\$244.00



X7 Back Right Arm Guard, '07 and up

146-228	WHITE	\$107.00
146-228B	BLACK	\$107.00
146-228C	CARBON FIBER	\$244.00

Hoods and Sections are shipped without holes. Use your panels as a guide and drill your own holes. Choose white fiberglass, black fiberglass or carbon fiber.



600cc Right Arm Guard, X4/X6		
146-220	WHITE	\$129.00
146-220B	BLACK	\$129.00
146-920	CARBON FIBER	\$299.00



600cc Left Arm Guard, X4/X6		
146-221	WHITE	\$99.00
146-221B	BLACK	\$99.00
146-930	CARBON FIBER	\$244.00



600cc Classic Sun Visor, X4/X6		
146-225	WHITE	\$82.50
146-225B	BLACK	\$82.50
146-990	CARBON FIBER	\$178.00



600cc Rear Fire Wall '07 and up		
146-276	WHITE	\$79.00
146-276B	BLACK	\$79.00
146-940	CARBON FIBER	\$158.00



Note: '07 Hyper Chassis can update to the '08 and up radiator set-up by ordering part #'s 146-175, 146-271, 146-176 and 146-273.

600cc Radiator Shroud '08 and up, Front		
146-175	WHITE	\$79.00
146-175B	BLACK	\$79.00
146-945	CARBON FIBER	\$169.00
600cc Radiator Shroud '08 and up, Back		
146-176	WHITE	\$79.00
146-176B	BLACK	\$79.00
146-946	CARBON FIBER	\$169.00

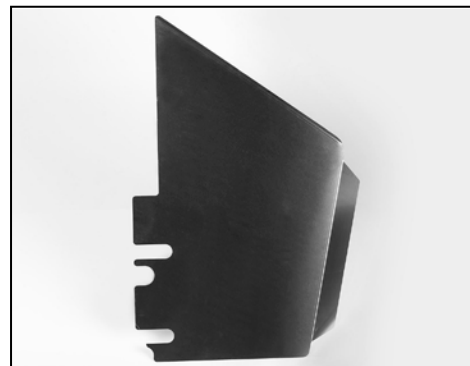
Fire Walls and Belly Pans are constructed from aluminum unless otherwise specified. **Carbon Fiber Panels** are made from prepreg vacuum formed carbon fiber for maximum strength and minimum weight. Sheet metal panels are cut and formed. Panels are not drilled. Use your old parts as a pattern and drill your own holes. We will mount body parts for an additional charge. Belly pans are below rail unless specified.



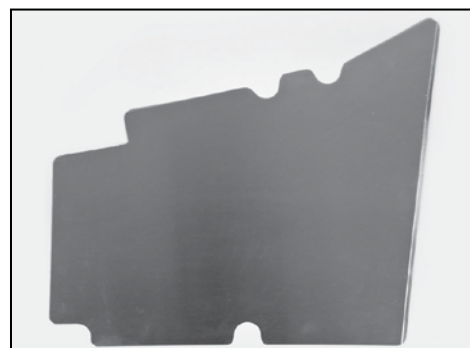
600cc Left Front Panel, '07 and up Not used with Aero Hood.		
146-262		\$16.00
146-262C	CARBON FIBER	\$169.00



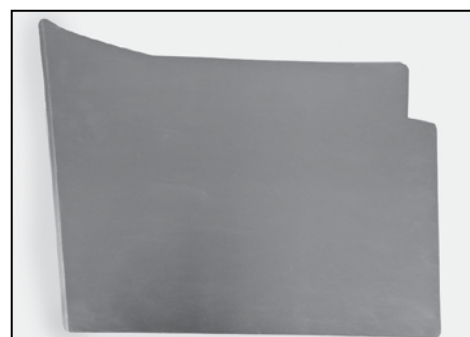
600cc Right Front Panel, X4/X6		
146-266		\$19.00



X7 Right Front Panel, '07 and up Features mud deflector (2" bent-in section at the front) to help keep mud and dirt out of the pedal assembly and cockpit.		
146-266-3		\$29.00
146-266-3C	CARBON FIBER	\$189.00



600cc Left Rear Panel, '07 and up		
146-260		\$16.00
146-260C		\$169.00
600cc Left Rear Panel, X4 Jacob's Ladder		
146-261		\$29.00



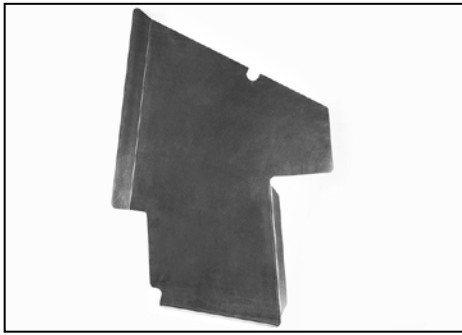
600cc Right Rear Panel, '07 and up		
146-264		\$16.00
146-264C	CARBON FIBER	\$169.00
600cc Right Rear Panel, Jacob's Ladder, X4		
146-265		\$32.00



600cc Right Middle Panel, '07 and up for Sprint Hood
146-267 \$18.67
146-267C CARBON FIBER \$175.00



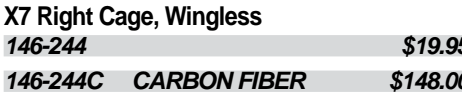
600cc Front Fire Wall, '07 and up
146-274 \$14.84
146-274C CARBON FIBER \$154.00
600cc Front Fire Wall, '07 and up, R6
146-274-R6 \$21.00



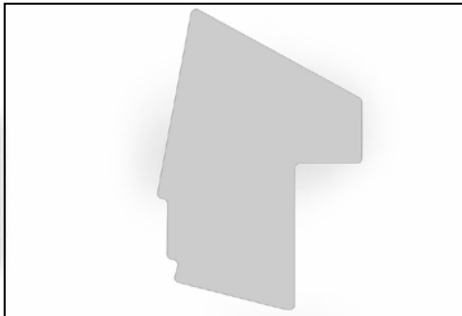
X7 Lower Back Right, Wingless
 Fits all X7 and '07 & up Hyper 600cc if using the X7 arm guards.
146-2491 \$22.00
146-2491C CARBON FIBER \$204.00



X7 Left Cage, Wingless
146-242 \$19.95
146-242C CARBON FIBER \$148.00



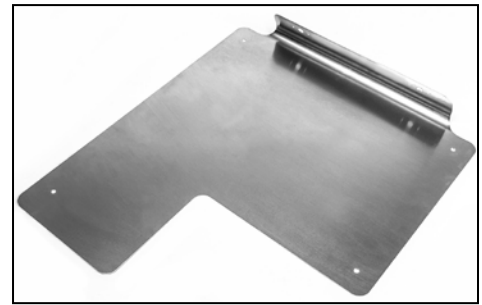
X7 Right Cage, Wingless
146-244 \$19.95
146-244C CARBON FIBER \$148.00



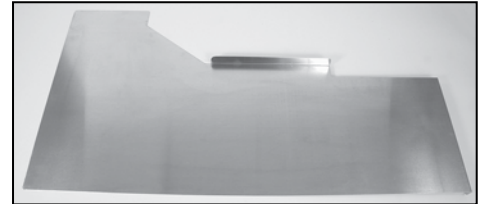
X4/X6 Lower Back, Wingless
 Fits the left side on X7 and the right side when using the X4/X6 arm guard.
146-248 \$21.00
146-248C CARBON FIBER \$194.00



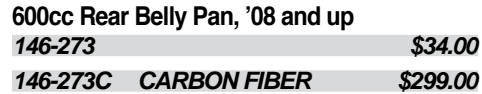
600cc Ignition Panel, '07 and up
146-591 \$25.95
146-591C CARBON FIBER \$179.00



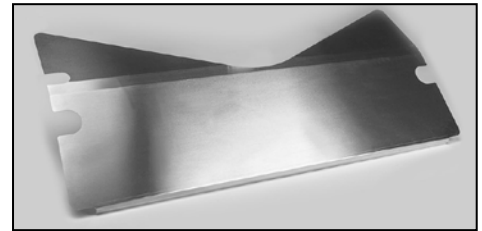
600cc Front Belly Pan, '07 and up
146-271 \$36.00
146-271C CARBON FIBER \$250.00



600cc Rear Belly Pan, '07
146-272 \$45.00



600cc Rear Belly Pan, '08 and up
146-273 \$34.00
146-273C CARBON FIBER \$299.00



Sun Visor, Sheet Metal
146-224 X7 \$25.50
146-224C X7-CARBON FIBER \$219.00
146-225S X4, X6 \$26.00



600cc Chain Guard, '98 and up
146-602 \$26.00
146-602C CARBON FIBER \$114.00

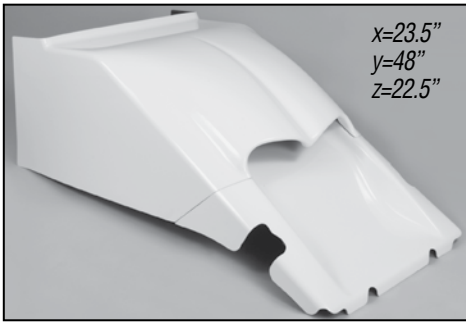


Clamp for Nerf Bar/Chain Guard/Exhaust
 Clamps onto 7/8" nerf bar.
60-501 7/8" NERF BAR \$19.50

? know the code
chassis model names and years
 X7 2017 and up
 X6 2013-2017
 X4 2007-2012



CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



x=23.5"
y=48"
z=22.5"

2-Piece Air Scoop Hood, 600cc '02-'06

For use with the front mount radiator.

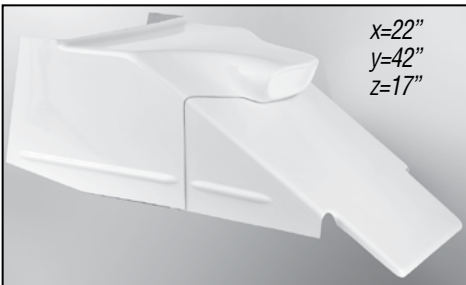
146-160 \$283.00

Upper Section for 146-160

146-161 \$158.00

Lower Section for 146-160

146-162 \$142.00



x=22"
y=42"
z=17"

2-Piece Air Scoop Hood, 600cc '97-'01

146-120 \$249.00

Upper Section for 146-120

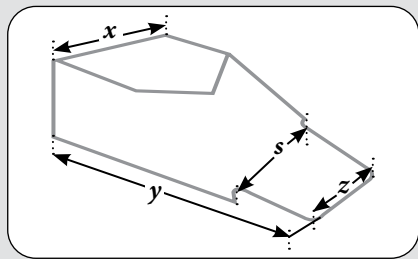
146-121 \$144.00

Lower Section for 146-120 and 146-111

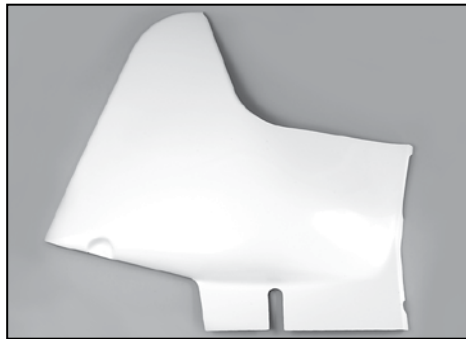
146-113 \$125.00

shop talk

hood dimensions



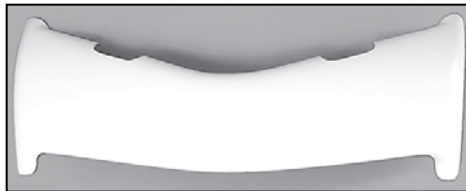
FULL LINE OF PANEL FASTENERS FOUND ON PAGE 111



600cc Right Arm Guard, Fiberglass, '98-'06

'98-'00 chassis require modification to shock tower area of panel to make this fit.

146-420 \$119.00



600cc Sun Visor, Fiberglass, '02-'06

146-450 \$59.00

600CC SHEET METAL PANELS

600cc Left Rear Panel, '01-'06	146-311	\$32.00
600cc Right Front Panel, '01-'06	146-321	\$37.00
600cc Right Rear Panel, '01-'06	146-331	\$37.00
600cc Left Rear Panel, '98-'00	146-310	\$32.00
600cc Right Front Panel, '98-'00	146-320	\$37.00
600cc Right Rear Panel, '98-'00	146-330	\$37.00
600cc Above Rail Belly Pan, '02-'06	146-5005	\$45.00
600cc Above Rail Belly Pan, '98-'01	146-500	\$45.00
600cc Front Belly Pan, '02-'06	146-502	\$45.00
600cc Front Belly Pan, '98-'01	146-501	\$45.00
600cc Fire Wall, '01-'06	146-506	\$95.00
600cc Fire Wall, '98-'00	146-505	\$95.00



600cc Ignition Panel, '98-'06

146-590 \$26.00



600cc Dash Panel, '96-'01

146-616 \$32.00

600cc Dash Panel, '02-'06

146-615 \$32.00



x=21"
y=44.5"
z=15"

2-Piece Hood, 270cc, '02-'09

14-101 \$199.00

Upper Section for 14-101

14-102 \$125.00

Lower Section for 14-101

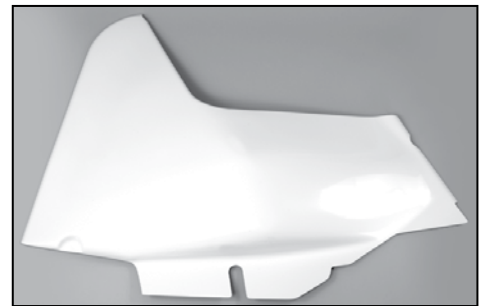
14-103 \$78.00



x=21"
y=44.50"
z=15"

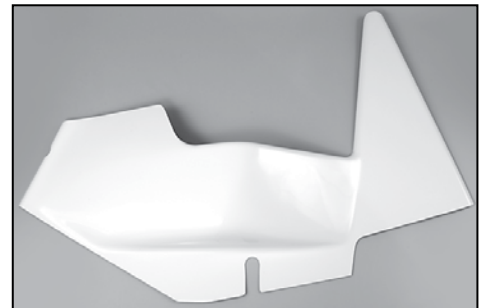
Wedge Hood, 270cc, '95-'01

14-110 \$165.00



270cc Right Arm Guard, Fiberglass, '02-'15

14-415 \$119.00



270cc Left Arm Guard, Fiberglass, '02-'15

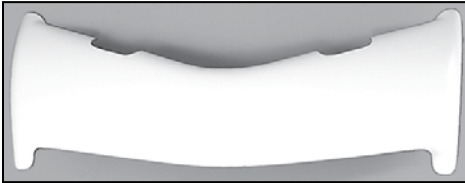
14-405 \$119.00



270cc Right Arm Guard, Fiberglass, '95-'01
14-410 \$89.00



270cc Left Arm Guard, Fiberglass, '95-'01
14-400 \$89.00



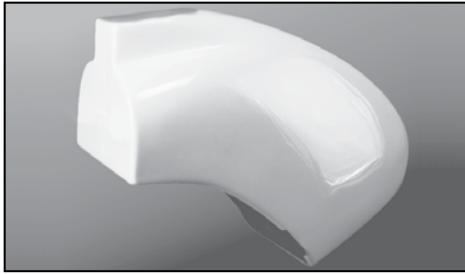
270cc Sun Visor, Fiberglass, '98-'15
14-510 \$57.00



1/16" Big Head Panel Fastener, Black, Aluminum (each)
Big head covers large holes. 7075 aluminum, anodized black.
15-151 EACH \$2.97



1/16" x .500" Torx Panel Fastener, Black, Aluminum (each)
Eliminates the chance of scratching your ride with a screwdriver! These Torx drive quarter turn panel fasteners are so easy to put in.
15-155 EACH \$2.97



Tail, Fiberglass
14-200 \$195.00

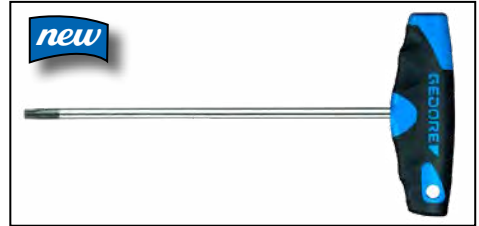


Tail Tank Mounting Bar
Can be used to mount fiberglass tail.
14-206 \$19.00

270CC SHEET METAL PANELS		
270cc Left Front Panel, '95-'01	14-300	\$32.00
270cc Left Front Panel, '02-'15	14-301	\$32.00
270cc Left Rear Panel, '95-'01	14-310	\$32.00
270cc Left Rear Panel, '02-'15	14-311	\$32.00
270cc Right Panel, '95-'01	14-320	\$53.00
270cc Right Panel, '02-'15	14-321	\$53.00
270cc Belly Pan, '97-'03, Fr. Rad.	14-501	\$82.00
270cc Belly Pan, '97-'03, Rear Rad. and '04-'15 Fr. Radiator	14-5011	\$82.00
270cc Above Rail Belly Pan	14-502	\$47.00
270cc Fire Wall, '95-'15	14-505	\$49.00



Panel Fastener Spring Adjusting Tool
This tool is designed to pull on the spring in either direction to make minor adjustments and fine tune the fit of panel fasteners without kinking or breaking the springs.
15-192 \$57.12



T-30 Torx Driver for Panel Fastener
Hexalobular star pattern, aka Torx driver, fits our 15-155 buttons. Chrome-vanadium steel. Made in Germany.
15-190 \$17.00

shop talk
chassis model names and years
X7 2017 and up
X6 2013-2017
X4 2007-2012



GARYT SMITH
CLYDE MARTIN
MEMORIAL SPEEDWAY

? know the code
why use torx?
Hexalobular screw heads, commonly referred to as Torx, 6-lobe, or star drive, offer higher torque transfer by increasing the surface area between the driver and tool. This feature reduces tool damage and wear which, in turn, increases tool life and preserves surface treatments.

CHASSIS KITS
REAR END
FRONT END
PAN/ARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/7
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

TABS/SOCKETS/BOSSSES

Tabs are laser cut from hot rolled steel. **Sockets** are laser cut from DOM steel. **Bosses** are machined from cold rolled steel.



Upper Tank Tail Mounting Tab, Fuel Forward
T-358-1 LEFT \$12.95
T-358-2 RIGHT \$12.95



Top Wing/Nose Wing Socket Pinch Assembly
 1 1/4" notch, 3/4" I.D.
95-312 \$19.95

10° Top Wing Socket Pinch Assembly for X7
 1 1/4", 10° notch, 3/4" I.D.
95-312-2 \$19.95



Direct Shifter Tab
T-50 \$5.25



Lower Tank Tail Tab
T-352 \$3.70



Master Cylinder Wedge
T-03 \$3.97

Master Cylinder Main Tab
T-04 \$6.25

Know the code

socket sizes

'07 & up Hyper 600cc,
 '10 & up 270cc, Midget,
 Lightning Sprint rear bumper 95-306
 Front bumper/nerf bars 95-310
 Dual rail front bumper, top 95-3101
 Dual rail front bumper,
 bottom 95-3102
 Older Hyper midrail 600cc,
 270cc rear bumper 95-305



Panhard Slider Tab
95-1055 \$3.30

Front Mount Radiator Tab for '07 and up 600cc
95-1057 \$3.75



Lower Panhard Bar/Rear Wing Tab
T-05 \$3.25



Torsion Stand-Off Plate
95-200 \$4.75



Upper Tank Tail Tab, Classic/ Front Mount Radiator Tab '02-'06
T-35 \$3.70



Tab for Shock Cable
38-462 \$4.95



Throttle Tab
T-17 FRONT \$3.50
T-20 REAR \$3.50



Pedal Assembly Tab
T-60 \$3.60

Pedal Assembly Tab/Rear Wing Upright Tab, Notched
T-61 \$3.60



Seat Bar Support Tab
T-80 \$5.95



SOCKETS

Front Wing Socket, 3/4" I.D., 1 1/4" notch	95-315	\$6.95
Rear Bumper Socket, 7/8" I.D., 1 1/4" notch, 20°	95-305	\$6.75
Rear Bumper Socket, 7/8" I.D., 1 1/4" notch, 10°	95-306	\$6.75
Front Bumper/Nerf Bar Socket, 7/8" I.D., 1 1/4" notch	95-310	\$6.75
Dual Rail Front Bumper Socket, Top, 7/8" I.D.	95-3101	\$9.75
Dual Rail Front Bumper Socket, Bottom, 7/8" I.D.	95-3102	\$9.75

BOSSSES

5/8" O.D. x 1 1/8" x 3/8"-24 Threaded Boss	95-1115	\$7.50
5/8" O.D. x 1 3/8" x 3/8"-24 Threaded Boss	95-111	\$7.50
5/8" O.D. x 1" x 5/16"-24 Threaded Boss	95-116	\$7.95
3/4" O.D. x 1" x 3/8"-24 Threaded Boss	95-119	\$8.25
3/4" O.D. x 1" x 7/16"-14 Threaded Boss	95-109	\$7.25
3/4" O.D. x 1 3/8" x 7/16"-20 Threaded Boss	95-115	\$7.75
3/4" O.D. x 1 7/8" x 7/16"-20 Threaded Boss	95-110	\$8.50
7/8" O.D. x 1 1/8" x 1/2"-20 Threaded Boss	95-1107	\$8.50
1/2" O.D. x 1 1/4" x 1/4" I.D. Boss	95-132	\$3.50
1/2" O.D. x 1 3/8" x 1/4" I.D. Boss (throttle pedal insert)	95-133	\$3.95
5/8" O.D. x 1 1/4" x 3/8" I.D. Boss	95-130	\$4.20
3/4" O.D. x 1 7/8" x 1/2" I.D. Boss	95-140	\$7.50
3/4" O.D. x 2 3/4" x 1/2" I.D. Boss	95-142	\$6.75
1 1/8" O.D. x 2.08" x 5/8" I.D. King Pin Boss	01-030	\$10.95

Weld-in Threaded Tube Inserts
 Make your own steel radius rods from 7/8 x .058 or 1" x .065 tubing.



Cable Tabs have a 5/8" hole.

Wing Upright Cable Tab
T-14 \$3.50

Wing Upright Cable with Notch
T-14N \$3.50

Long Cable Tab with Notch
T-40 \$4.95



Belly Pan Tab
T-22 \$2.80

Upper Panhard Bar Tab
T-45 \$3.50



Side Tank Tab
T-15 \$3.75

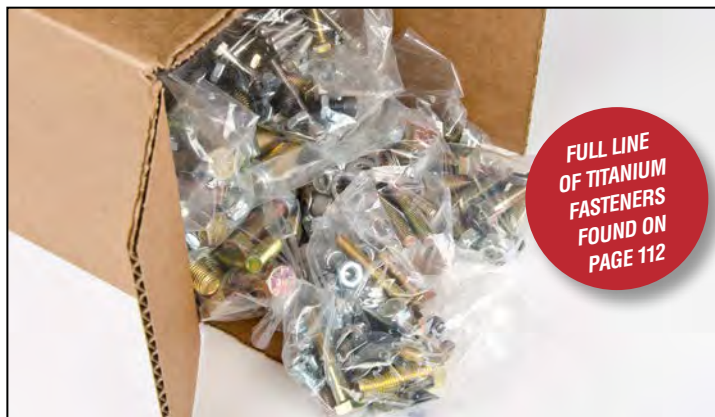
T-15N WITH NOTCH \$3.75



1/2" Weld-On Shock Stud
38-8087 \$9.45

THREADED TUBE INSERTS		
7/16"-20, LH thread	95-775	\$8.25
7/16"-20, RH thread	95-770	\$8.25
1/2"-20, LH thread	95-755	\$15.25
1/2"-20, RH thread	95-750	\$15.25
Wishbone Insert 1/2"-20	95-104	\$6.50
Wishbone Insert 7/16"-20	95-103	\$6.50

Bolt Kit contains the bolts, nuts and washers needed to rebuild your chassis during the off season or to take to the track as spares. Spacers, Engine bolt kits and wing upright shoulder bolts sold separately.



FULL LINE OF TITANIUM FASTENERS FOUND ON PAGE 112

BOLT KITS		
'07 and up Hyper Chassis 600cc Bolt Kit	156-453	\$96.00
'04-'06 Hyper Chassis 600cc Torsion Bolt Kit	156-452	\$96.00
'03-'06 Hyper Chassis 600cc Coil Over Bolt Kit	156-451	\$96.00
'98-'02 Hyper Chassis 600cc Bolt Kit	156-450	\$96.00
'03-'15 Hyper Chassis 250cc Bolt Kit	15-401	\$96.00
'95-'02 Hyper Chassis 250cc Bolt Kit	15-400	\$96.00



HOSE CLAMPS		
Hose Clamp, Fuel Line 3/32" to 5/8"	15-303	\$1.88
Hose Clamp, Carburetor 1 1/16" to 2 1/4"	15-305	\$2.19
Hose Clamp, Air Filter 2 3/16" to 3 1/4"	15-306	\$2.38
Hose Clamp, Exhaust Pipe 2 1/2" to 5 1/2"	15-307	\$3.45
Hose Clamp, Exhaust Pipe 5 7/8" to 8 1/2"	15-311	\$4.55
Hose Clamp, 600cc Coolant Line 1" to 1 1/2"	51-3022	\$9.99



Long Spring for Pipe Cradle (each)
15-320 \$4.95



Panel Reinforcer (each)
15-210 \$1.35



1/8" Pop Rivet (pack of 80)
Used on wings, and to attach panel fasteners.
15-355 \$7.20

Panel Fasteners are available in lightweight aluminum or plated steel for strength and durability. Check out www.hyperracing.com to view quantity discounts on our most popular fasteners, plates and springs.



PANEL FASTENERS

Aluminum Panel Fasteners		
7/16" x .500" Aluminum Panel Fastener (each)	15-127	\$1.99
7/16" x .500" Alum Panel Fastener, Black Anodized (each)	15-140	\$2.24
7/16" x .650" Aluminum Panel Fastener (each)	15-129	\$2.19
7/16" x .650" Alum Panel Fastener, Black Anodized (each)	15-150	\$2.24

Plated Steel Panel Fasteners		
5/16" x .450" Steel Panel Fastener (each)	15-121	\$2.39
7/16" x .450" Steel Panel Fastener (each)	15-123	\$1.89
7/16" x .500" Steel Panel Fastener (each)	15-124	\$1.89
7/16" x .550" Steel Panel Fastener (each)	15-125	\$2.19
7/16" x .650" Steel Panel Fastener (each)	15-126	\$2.25



7/16" Big Head Panel Fastener, Black, Aluminum (each)
Big head covers large holes. 7075 aluminum, anodized black.
15-151 EACH \$2.97



SPRINGS		
1" Spring (each)	15-100	\$94
1 1/8" Spring (each)	15-105	\$94



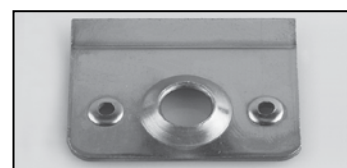
7/16" x .500" Torx Panel Fastener, Black, Aluminum (each)
Eliminates the chance of scratching your ride with a screwdriver! These Torx drive quarter turn panel fasteners are so easy to put in.
15-155 EACH \$2.97



LIGHTWEIGHT PLATES
1 1/8" Plate, Light (each) 15-203 \$5.99



7/16" Button, Winged (each)
15-122 \$2.69



STANDARD PLATES
1" Plate (each) 15-200 \$8.1
1 1/8" Plate (each) 15-202 \$5.99



Plastic Panel Fasteners (10 pack)
15-2509 \$3.00

shop talk
complete bolt list
Visit www.hyperracing.com. and click on Tech Department.

shop talk
grip length
Measured from the bottom of the head to the bottom of the spring locking area.

CHASSIS KITS
REAR END
FRONT END
PAN-ARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPERS/BODY
HARDWARE/TABS/T
COOLING
FILE DELIVERY
INJECTION/600 ENGINE
270 ENGINE

Titanium alloy fasteners are both lightweight and strong!

6AL4V Ti



'07 and Up Hyper 600cc Full Bolt Kit, Titanium

Includes every bolt on the car available in titanium. Includes plastic case and Moly Paste titanium lubricant.

156-500TI \$1,645.00

Bearing Carrier Bolt Kits are made to fit our X7 bearing carriers. Kit contains (8) specially made 6AL4V highest quality titanium bolts with flange (no washer needed).

6AL4V Ti



Bearing Carrier Bolt Kit, X7, Jacob's Ladder, Titanium

Contains (8) 1/4"-20 x 2 1/8" long bolts with flange.

05-129 KIT \$47.00

Bearing Carrier Bolt Kit, X7, No Jacob's Ladder, Titanium

Contains (8) 1/4"-20 x 1 15/16" long bolts with flange.

05-1291 KIT \$44.00

6AL4V Ti



3/8"-24 x 1 1/2" Hex Head Cap Screw, Titanium

Fastens the steering arms to the spindle (2 per car), Jacob's Ladder to the bearing carrier (through the rod end), the brake caliper to the brake floater (2 per car), and depending on spacers it can bolt in the seat.

981-06-24-1.50 EACH \$5.95

6AL4V Ti



7/16"-20 x 1 1/4" Hex Head Cap Screw, Titanium

Fastens front radius rods to front axle (3 per car), front radius rod to frame (3 per car), and brake floater rod to frame.

981-07-20-1.25 EACH \$7.25

6AL4V Ti



7/16"-20 x 1 1/2" Hex Head Cap Screw, Titanium

Fastens steering arms to steering box (2 per car), shackle to torsion arm (when using rod end spacer), and floater rod to brake floater.

981-07-20-1.50 EACH \$7.50

6AL4V Ti



7/16"-20 x 1 3/4" Hex Head Cap Screw, Titanium

Fastens the steering arms to steering rods (2 per car).

981-07-20-1.75 EACH \$7.80

6AL4V Ti



'07 and Up Hyper 600cc Partial Bolt Kit, Titanium

Includes only the bolts that we purchase in bulk for considerable savings! This bolt kit is worth over \$512.00 if the bolts were purchased separately. Visit hyperracing.com to view complete list of bolts.

156-510TI \$395.00

6AL4V Ti



7/16"-20 x 2" Hex Head Cap Screw, Titanium

Used on 04-160 and 04-161 panhard bar pinch clamp.

981-07-20-2.00 EACH \$7.90

6AL4V Ti



1/2"-20 x 1 1/4" Hex Head Cap Screw, Titanium

Used on torsion arm shock standoff.

981-08-20-1.25 EACH \$7.75

6AL4V Ti



7/16"-14 x 1 1/4" Hex Head Cap Screw, Titanium

Fasten the wishbones to the bearing carrier (4 per car), the panhard bar to the bearing carrier when mounting in the top hole, and on 270cc to mount the rear radius rods to the bearing carrier.

981-07-14-1.25 EACH \$5.95

6AL4V Ti



7/16" I.D. x 1/4" Rod End Spacer, Titanium

Prevents binding. Standard on Z-Link Jacob's Jacker.

70-5012 EACH \$4.95

Custom Titanium Shoulder Bolts are designed to perfectly fit our chain tensioners.

6AL4V Ti



5/16" x 1/4"-20 x 2.09" Shoulder Bolt, Titanium

Holds the HBS double chain tensioner wheel on when not using the spring tabs.

984-04-20-2.09 EACH \$7.15

5/16" x 1/4"-20 x 2.33" Shoulder Bolt, Titanium

Holds the HBS double chain tensioner wheel on when using the spring tabs. Can also be used with the 530 Chain Block.

984-04-20-2.33 EACH \$7.65

5/16" x 1/4"-20 x 2.57" Shoulder Bolt, Titanium

Holds the chain block on when using the spring tabs.

984-04-20-2.57 EACH \$8.25



Loctite Anti-Seize, 1 oz.

77-790 \$11.95

shop talk
complete bolt list
 Visit www.hyperracing.com. and click on Tech Department.

CHASSIS KITS
 REAR END
 FRONT END
 PANHARD/W-LINK
 SPROCKETS/CHAIN
 STEERING/RODS/ENDS
 TIRES/WHEELS
 BRAKES/THROTTLE
 SHIFTER
 SHOCKS/TORSION
 SEATS/BELTS
 WING/ENG MOUNT
 BUMPER/BODY
 HARDWARE/TABS/TI
 COOLING
 FUEL DELIVERY
 INJECTION/600 ENGINE
 270 ENGINE



Front Wheel Center Bolt Kit, Titanium
Bolt two wheel halves together for use with spindle mount front hubs/centers.
25-507TI KIT \$25.75



1/4"-28 x 5/8" Hex Head Cap Screw, Titanium
Fastens the top of the EVO airbox to the posts (4 needed). Also used in the front wheel bolt kit (8) and the rear brake rotor bolt kit (6).
981-04-28-.62 EACH \$3.18



HBS Rear Wheel Center Bolt Kit, Titanium
Includes (12) 1/4-20 x 7/8" titanium with flange so no washer is needed. Fastens one wheel center to two wheel halves.
25-5065TI KIT \$43.50



Titanium 10" Wheel Bolt Kit
Fits Weld, Keizer and other manufacturers. 10 each: 1/4"-20 x 7/8" titanium flanged bolts. With flanged bolts, no washer is needed, so changing tires in a hurry is easier since you do not need to search for the washers you dropped on the floor!
601-3005TI KIT \$37.30



1/4"-20 x 7/8" Hex Head Cap Screw, Titanium
Flanged bolt fastens wheel center to wheel half.
981-04-20-.88 EACH \$5.58



Titanium 13" Wheel and Beadlock Bolt Kit
(15) 5/16"-18 x 1" 6AL4V titanium gold vacuum coated flanged bolts.
257-5061 KIT \$59.95



5/16"-18 x 1.00" Hex Head Cap Screw, Titanium
Used on the 13" wheels as bead lock or wheel center bolts.
981-05-18-1.00 EACH \$5.95



Titanium Flange Nut, 5/16"-18
Fits HBS and Keizer wheel studs and airbox post.
987-05-18-FLANG EACH \$5.95



Bumper/Nerf Bar Bolt Kit, Titanium
Features (4) 10-24 x 1 3/8" titanium hex head bolts and (4) 10-24 nyloc half nuts, enough for one nerf bar or one rear bumper. 4 kits are needed to do the whole car. These bolts are the perfect length.
12-050TI KIT \$14.80



5/16"-18 x 1.00" Socket Head Cap Screw, Titanium
Used on our fuel pump clamp and our 1/2" wide fuel filter clamp.
982-05-18-.875 EACH \$5.90



1/4"-20 x 1.00" Hex Head Cap Screw, Titanium
For use with the Ti-FX wing mounting system to hold the insert onto the posts and the bearings onto the insert.
981-04-20-1.00 EACH \$5.46
981-04-20-1.25 EACH \$5.46



1/4"-20 Nylock Half Nut, Titanium
986-04-20 EACH \$5.30



1/4"-28 x 1 1/4" Hex Head Cap Screw, Titanium
Fastens the Jacob's ladder 3-hole tab to the paddle.
981-04-28-1.25 EACH \$5.25



Titanium Flange Nut, 1/2"-20
Use on our shock sliders or as a lug nut on the 4 bolt hubs.
987-08-20-FLANG EACH \$9.90



3/8"-16 x 8 1/4" Hex Head Cap Screw, Titanium (each)
Fits our 600cc/1000cc engine mount from the back engine plate to the engine. 3 are needed.
981-06-16-8.25 \$17.80



7/16"-20 x 8 1/4" Hex Head Cap Screw, Titanium (each)
Fits our 600cc/1000cc engine mount from the back engine plate to the frame. 2 are needed.
981-07-20-8.25 \$19.90



3/8"-24 x 2" Flat Head Cap Screw, Titanium
Fastens HBS Left Front Caliper to 16-194 steering arm.
983-06-24-2.00 EACH \$6.90



3/8"-16 x 2" Flat Head Cap Screw, Titanium
Fastens HBS Left Front Caliper to 16-196, 16-1965 steering arm.
983-06-16-2.00 EACH \$6.90



3/8"-24 x 1 1/2" Hex Head Cap Screw, Titanium
Fastens the steering arms to the spindle (2 per car).
981-06-24-1.50 EACH \$5.95



7/16"-20 x 1 3/4" Hex Head Cap Screw, Titanium
Fastens the steering arms to steering rods (2 per car).
981-07-20-1.75 EACH \$7.80



7/16"-20 x 1 1/2" Hex Head Cap Screw, Titanium
Fastens the steering arms to steering box (2 per car).
981-07-20-1.50 EACH \$7.50



3/8"-16 x 2 1/4" Hex Head Cap Screw, Titanium
Connects the steering box to the axle clamp. 2 needed.
981-06-16-2.25 EACH \$7.50

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
M/W/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



6AL4V TI
5/16"-18 x 1 1/2" Torsion Jacker Bolt, Titanium
5/16"-18 x 1-1/2" all-thread highest quality titanium bolt.

40-2221 \$8.95

5/16"-18 Nut for Jacker Bolt, Titanium
40-2222 \$3.20



6AL4V TI
5/16"-18 x 1 1/2" Hex Head Cap Screw, Titanium (each)
Used as the pinch bolt on our torsion stops. 1 needed per stop.

981-05-18-1.50 \$5.25



6AL4V TI
5/16"-18 x 1 3/4" Hex Head Cap Screw, Titanium (each)
Used as the pinch bolt on our torsion arms. 1 needed per arm.

981-05-18-1.75 \$5.50



6AL4V TI
Kingpin for HBS Deluxe Spindles Titanium (each)
01-092TI \$112.50

Engine Jacker Bolts fit all 270cc, 600cc and 100cc on Hyper Chassis. 7/16"-14 fully threaded bolt in titanium with jam nut is super lightweight and strong.



6AL4V TI
Engine Jacker Bolt, Titanium
65-300TI \$9.50



6AL4V TI
9 1/4" x 1/4" Titanium Brake Rotor
Weighs in at almost a full pound lighter than its steel counterpart. Use with brake pad 36-306.

06-1421TI \$349.00



6AL4V TI
Titanium LF Brake Rotor, 3-Bolt, 7 1/8" x 1/8"
Fits HBS Center and other brands. Designed to add strength to the ears to prevent warping. Titanium features lighter weight and better braking. Use 366-052 brake pad.

366-2966TI \$195.00



6AL4V TI
Titanium Bolt Kit for Brake Rotors
Contains (6) 1/4"-28 x 5/8" bolts with flange. No washer needed.

06-143TI \$19.00



6AL4V TI
1/4"-28 x 5/8" Hex Head Cap Screw, Titanium (each)
Fastens the top of the EVO airbox to the posts (4 needed). Also used in the front wheel bolt kit (8) and the rear brake rotor bolt kit (6).

981-04-28-62 \$3.18

Super lightweight Titanium Wishbone saves 1 pound over standard wishbone. Visit www.hyperracing.com to order.



Super Lightweight Titanium Pins save weight. Fits the X6 or X7 Hyper Chassis with Jacob's Ladder. Also fits other brand chassis. Made from highest quality 6AL4V Titanium alloy. Strong and light weight.



6AL4V TI
Titanium Pin and Bolt Set for Jacob's Ladder
04-608TI \$32.00

Direct Shifter Handle, Horizontal, Titanium
35-215TI \$119.00



Direct Shifter Handle, Vertical, Titanium
35-216TI \$119.00



6AL4V TI
5/16" O.D. x 1 1/8" Bottom Pin, Titanium
04-615TI \$6.70

5/16" O.D. x 1 3/8" Top Pin for X6, Titanium
04-617TI \$7.20

3/8" O.D. x 1 1/16" Pin for Bearing Carrier, Titanium
04-620TI \$6.95

5/16" O.D. x 1" Pin for Jacob's Ladder Strap, Titanium
04-618TI \$6.95

Shackle Pin connects shackle to bearing carrier plates enabling rear torsion arms to be disconnected for quick bar maintenance. Includes rue clip.



6AL4V TI
7/16" O.D. x 2 1/4" Pin for Rear Shackle, Titanium (each)
04-624TI \$9.99



Loctite Anti-Seize, 1 oz.
Anti-Seize helps the screw force be translated to clamping force to keep clamps from moving. Use on titanium bolts and radiator fittings to keep them from galling.
77-790 \$11.95



Flash Drive Patch Hat, Retro Trucker Flexfit
43-258 CAMEL/BLACK \$21.00

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@HyperRacing44

Silicone Hoses maintain shape under pressure for better flow and better cooling.

High quality, flexible HBS Silicone Heater Hoses are sold in 40" lengths and custom configurations. Performing at a wider temperature range of -65°F to 350°F, these hoses are less susceptible to heat aging. They carry a higher pressure rating than conventional rubber hoses and remain flexible at very low temperatures, yet stiff at high temps for proper flow. This leads to less deformity, providing better flow and better cooling. Over time, sustained high temperatures will cause organic rubber hoses to stiffen, crack, and fail. HBS Silicone Hoses will be in service longer than conventional hoses.



- 1" I.D. Silicone Heater Hose, 40" Length**
- 81-0301 BLACK \$25.50
 - 81-0302 RED \$25.50
 - 81-0303 BLUE \$25.50



- 1" Silicone Elbow for Coolant**
- 816-1201 BLACK \$11.75
 - 816-1202 RED \$11.75
 - 816-1203 BLUE \$11.75



- 1/2" I.D. Silicone Heater Hose, 40" Length**
- 81-0311 BLACK \$17.50
 - 81-0312 RED \$17.50
 - 81-0313 BLUE \$17.50



- 1" Silicone 180° for Coolant**
- 816-1251 BLACK \$14.75
 - 816-1252 RED \$14.75
 - 816-1253 BLUE \$14.75

High Quality Hose Clamps are Mercedes style 304 stainless steel worm drive with a rolled thread that will not cut hose.



- 1/8" I.D. Silicone Heater Hose, 40" Length**
- 81-041 BLACK \$7.00
 - 81-042 RED \$7.00
 - 81-043 BLUE \$7.00



- Mercedes Style Clamp, 1"-1 5/8"**
 15-3023 FOR 1" HOSE \$1.65
- Mercedes Style Clamp, 5/8"-1"**
 15-3026 FOR 1/2" HOSE \$1.60



- '06 and Up Yamaha R6R Complete Silicone Hose Kit**
- 816-1171 BLACK \$64.50
 - 816-1172 RED \$64.50
 - 816-1173 BLUE \$64.50

- '05-'06 Kawasaki ZX-6R Complete Silicone Hose Kit**
- 816-1151 BLACK \$69.50
 - 816-1152 RED \$69.50
 - 816-1153 BLUE \$69.50

- '06 and Up Suzuki GSXR Complete Silicone Hose Kit**
- 816-1141 BLACK \$89.00
 - 816-1142 RED \$89.00
 - 816-1143 BLUE \$89.00

- '07 and Up Kawasaki ZX-6R Complete Silicone Hose Kit**
- 816-1181 BLACK \$86.50
 - 816-1183 RED \$86.50
 - 816-1182 BLUE \$86.50



Radiators are aluminum. Fittings sold separately.



600cc Front Mount Radiator '07 and up, X7 270cc
19 3/4" x 10 1/4", with two 3/4" NPT outlets. Fittings sold separately. Also fits the Asphalt/Hugger V2 Chassis. Includes fan and radiator cap.
816-016 \$350.00



600cc Front Mount Radiator Mounting Bar '07 and up
146-607 \$22.00



Rear/Front Mount Radiator
6" x 14" x 2" with two 3/4" outlets. Includes 81-027 cap. Fits '04-'15 270cc (front mount) and all 270cc (rear mount).
81-018 \$369.00



600cc Front Mount Radiator '02-'06
19 3/4" x 10 1/4" with two 3/4" NPT outlets. Includes 4 grommets and cap.
816-015 \$389.00



Front Mount Radiator
12 1/2" x 8 1/2" with two 3/4" outlets. Use with 81-020 reservoir, sold separately.

'95-'01 Hyper 270	81-015	\$275.00
'02-'03 Hyper 270	81-016	\$260.00



600cc Rear Mount Radiator
17 1/2" x 13" roll cage mount with two 3/4" NPT outlets. Includes 3 grommets and 816-027 cap.
816-018 \$395.00



600cc Rear Mount Radiator Tray
146-609 \$24.00



600cc Front Mount Radiator Mounting Bars, '02-'06 (pair)
146-608 \$27.50



Rubber Radiator Grommet
816-103 \$8.50



Electric Tornado Fan, 9"
816-200 \$86.00

Small Caps fit the mini (32mm I.D., 16mm deep) filler neck.



Stant Small Radiator Cap
816-027 22-24 POUND \$22.30
816-028 28-32 POUND \$21.50



Small Radiator Cap
816-027122-24 POUND \$11.50
Small Radiator Cap, for 270
81-027 13 POUND \$15.95



Large Caps fit the full size SAE "A" size (2 1/8" O.D., 3/4" deep) filler necks.



Large Radiator Cap
817-205 21-25 POUND \$21.50
817-205-1 21-25 POUND \$8.99



Large Radiator Cap
81-026 13 POUND \$15.20
81-025 16 POUND \$14.95



Champion Poly Freeze Coolant
74-380 \$22.95



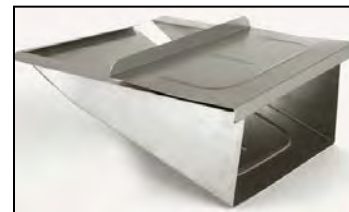
90° Hose
81-100 3/4" \$17.40
816-110 1" \$14.25



1" I.D. Heater Hose
81-030 PER FOOT \$7.25
1/2" I.D. Heater Hose
81-031 PER FOOT \$3.55



3/4" I.D. Braided Radiator Line
81-028 PER FOOT \$3.50



Front Mount Radiator Air Scoop/Shroud for 270cc
81-022 '94-'01 \$56.00
81-021 '02-'03 \$56.00



Front Mount Radiator Air Scoop/Shroud for 270cc
81-023 '04-'09 \$54.00
81-024 '10-'15 \$45.00



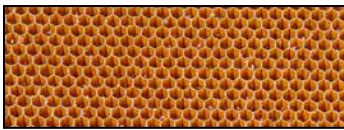
Aluminum Radiator Reservoir
3/4" barbed fittings. 81-025 cap included.
81-020 \$129.00



Autometer In-Dash Coolant Temperature Gauge for 600cc
 1/2" NPT fitting. Liquid filled.
816-102 \$149.00



1/2" NPT Adapter for 816-102
816-205 \$14.95



Radiator Honeycomb
816-300 \$29.00



600cc Air Deflector for Radiator
 Mounts to front mount radiator for '07-'10 hoods. Forces air through the radiator for increased cooling.
146-610 \$32.00



3/4" NPT to 12AN Straight Fitting
41-981612 \$12.95



1" Barbed Union Fitting, Aluminum
81-151 \$10.25



3/4" Barbed Union Fitting, Steel
81-150 \$12.95



1" Inline Coolant Fitting, Oil Cooler and Mychron Water Temperature Sensor
 Designed for engines that have an external oil cooler (includes Yamaha and Suzuki 600cc) that needs to be T'd into the coolant line going from the head to the radiator. Inline fitting features 1" barbed ends, M10 x 1.00 port for the MyChron water temp sensor 604-201 and a 1/2" NPT port used for the oil cooler line. Choose 1/2" or 3/8" barbed to 1/2" NPT fitting.

1/2" Hose	816-096	\$49.00
3/8" Hose	816-0961	\$41.00



1" Inline Coolant Fitting, Mychron Water Temperature Sensor
 Inline fitting features 1" barbed ends and M10 x 1.00 port to accept the MyChron water temperature sensor 604-201.
816-095 \$38.00

Mercedes Style Hose Clamps are high quality stainless steel worm drive with a rolled thread that will not cut hose.



Mercedes Style Clamp, 1"-1 1/2"
15-3023 FOR 1" HOSE \$1.65

Mercedes Style Clamp, 5/8"-1"
15-3026 FOR 1/2" HOSE \$1.60



HOSE CLAMPS		
1"-1 1/2"	15-3022	\$9.99
5/8" to 1"	15-3025	\$9.99



In-line Oil Cooler/Coolant Temperature Fitting
 1" barbed ends, includes 3/8" or 1/2" aluminum barbed fitting.

1/2" Hose	816-097	\$41.00
3/8" Hose	816-098	\$44.00



In-line Coolant Temperature Fitting
 1" barbed ends, 1/2" NPT crosshole.
816-100 \$38.00



In-line Oil Cooler Fitting
 1" barbed ends, Includes 3/8" or 1/2" aluminum barbed fitting.

1/2" Hose	816-101	\$42.00
3/8" Hose	816-1015	\$41.00



3/4" NPT to 1" Barbed Elbow Fitting
816-023 \$33.95



3/4" NPT to 1" Barbed Straight Fitting
816-022 \$28.00

R6 Thermostat Spacer extends coolant outlet fitting out from the back of the head. Changes direction of barbed fitting so the hose points toward the right. Features female 1/2" NPT thread for temperature fitting or M10 x1.0mm thread for MyChron water temperature sensor. Fits '06 and up Yamaha R6R engines.



R6 Thermostat Spacer, 1/2" NPT
816-090 \$41.00

R6 Thermostat Spacer, M10 x 1.0 mm
816-089 \$41.00



Thermostat Washer for R6, 1/16"
 Not your stock R6 washer! Features 1/16" hole for perfect temperature. Additional bleed hole is positioned at the top to allow air to escape. Fits '06 and up Yamaha R6R engines.
816-092 \$4.95



In-Line Coolant Temperature Gauge with Housing for 2-Stroke
 3/4" barbed fittings. Liquid filled. Gauge reads 0-250.
81-050 \$79.00
Housing for 81-050
81-051 \$36.00
Gauge for 81-050
81-052 \$49.00



Radiator Reservoir
 3/4" fittings. 81-025 cap included.
81-020 \$129.00

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPERS/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



Fuel Forward design was brought to the 600 Sprint industry first by Hyper Racing!

Mike Dicely, assisted by Jarrett Seng of RaceSeng Design, created this new ultimate tail design to get the fuel weight right where you want it: forward and lower by about 12%. Forward and lower is better, because it keeps the diminishing weight of fuel closer to the center of gravity of the car, reducing the polar moment of inertia. Also, as fuel sloshes around behind the rear axle, it has a whipping effect on the car as it negotiates a turn, making the car looser. Moving the fuel load of 40 pounds for a little over 5 gallons front and down translates to better handling of a properly balanced car.

If the car needs a higher center of gravity to increase bite, the car or the driver can be raised. Keeping the fuel load down and front will keep handling consistent as the fuel load decreases as the race progresses.

The fuel bladder option of this tank takes the design intent to extreme. The flexible rubber inner bladder does not occupy the back 8" of the tank, instead it is filled with energy absorbent foam. This serves two purposes, it adds a safety crush zone, and it forces the fuel even further forward. The bladder will hold a total of 8 gallons.

The flexible rubber bladder is constructed from nylon fabric impregnated with rubber and then autoclaved, just as our Classic Bladder is made, thanks to the pros at Saldana. Why not put safety first and get the benefits of Fuel Forward technology at the same time?



CLASSIC TAIL PARTS ARE STILL AVAILABLE! VISIT OUR WEBSITE

Fuel Forward Tank Tail System features choice of bladder depending on the type of fuel you are running. Alcohol bladder is for alcohol ONLY and gasoline bladder is for gasoline ONLY. Failing to use the correct type of fuel (even if just for flushing) will destroy the bladder. Use our purge tank to safely prepare your system for off-season storage.

Fuel Forward Tank Tail System

14 gallon tank with 8 gallon bladder. Includes hard plastic FF shell, foam plug, FF bladder, flush mount cap assembly, nut rings, cover plate, gaskets, 14-140 bulkhead, pick-up hose and hardware.

- 14-125 6AN ALCOHOL (ONLY) \$1,359.00
- 14-1252 8AN ALCOHOL (ONLY) \$1,395.00
- 14-126 GASOLINE (ONLY) \$1,359.00

Fuel Forward Wet Tank

Does not use bladder. Does not have molded inserts.

- 14-129 \$349.00

Fuel Forward Bladder Shell

Pre-cut hole, ready for bladder insertion.

- 14-130 IF USING YOUR OWN BLADDER \$369.00



Upper Tank Tail Mounting Tab, Fuel Forward

- T-358-1 LEFT \$12.95
- T-358-2 RIGHT \$12.95



Lower Tank Tail Tab

- T-352 \$3.70



Access Hole Cover Plate

- 14-150 \$43.00



Fuel Forward Bladder

8 gallon capacity.

- 14-134 ALCOHOL (ONLY) \$849.00
- 14-136 GASOLINE (ONLY) \$849.00



Fire Retardant Foam Tail Plug

- 14-138 \$75.00



Fuel Forward Mounting Bolt Kit

(4) grade 8 5/16"-18 x 5/8" bolts.

- 14-155 \$3.00

shop talk

protect your investment

Use the purge tank method to safely prepare your car for off season storage so that gasoline does not come into contact with your alcohol bladder. Using incorrect type of fuel (even if just for flushing) will destroy the bladder.

shop talk

safety first!

Bladders are a super strong flexible rubber bag designed to keep fuel contained in the event of a rupture to the tail. Upon impact, bumpers and tails can be compromised, leaving the bladder as the last line of defense against fuel spillage.





Raised Fuel Cap Assembly

New lightweight design with threaded cap keeps dirt out of tank. Top plate has one -8 and two -6 threaded holes to accommodate returns. Rollover/vent valves are machined into the cap. Requires the use of (2) 41-581406 9/16" O-ring Port Plugs and a 41-985068 3/4" O-ring to 6AN Fitting for the return line. Fittings not included.

42-120 **\$195.00**



Flush Mount Fuel Cap Assembly
Filler plate with vent and cap.

42-131 **\$197.00**



Flush Mount Fuel Cap

42-132 **\$119.00**



Flush Mount Fuel Cap O-Ring

42-134 **\$1.00**



Vent/Check Valve for 42-131

42-125 **\$39.95**



Gasket for Cap Assembly

42-122 **\$10.90**



Nut Plate for Cap Assembly

42-123 **\$45.00**



Bolt Kit, Bladder Cap Assembly

42-135 **\$8.00**



-6AN Bulkhead Straight Fitting

41-983206 **\$10.45**

-8AN Bulkhead Straight Fitting

41-983208 **\$11.90**



3/4" (-12) O-Ring to 6AN Fitting

41-985068 **\$13.45**



9/16" O-Ring Port Plug

41-581406 **\$3.75**



Bladder Tank Bulkhead, -6AN

14-145 **\$54.00**

Bladder Tank Bulkhead, -8AN

14-146 **\$57.00**



Wooden Dowel Fuel Stick
Measure fuel amount in the Fuel Forward Tank Tail System with 8 gallon bladder.

80-418 **\$9.90**



Scalloped Fuel Cap

Steel cap fits 6-bolt or 12-bolt old non-vented raised filler necks.

42-111 **\$12.95**

Side Tank holds 5 gallons and mounts on the right side.



Side Tank Assembly

Includes tank and cap assembly.
42-051 **RIGHT SIDE \$425.00**



Side Tank Mounting Kit

Includes tank bolts, stand-offs, o-rings, screws, washers and bulkhead fitting with o-ring.

42-070 **\$79.00**



3/8" -16 x 1 1/8" Tank Stand Off

42-072 **\$9.00**

3/8" -16 x 3/4" Bolt for Side Tank (each)

42-071 **\$9.95**

5/8" -18 x 1" Bolt for Tank Tail (each)

42-0717 **\$9.95**



3/8" O-Ring for Tank Mount (4-pack)

42-073 **\$1.00**

5/8" O-Ring for Tank Mount (4-pack)

42-0725 **\$1.00**



600CC: FUEL DELIVERY

Fuel Delivery Systems for fuel injection come standard with HBS PTFE fittings and can be customized. Visit www.hyperracing.com for a full list of available options/upgrades, or call and our representatives will guide you through the option/upgrade selections.



8AN Inlet Fuel Delivery System

Includes FueLab regulator, Walbro pump, HBS filter with shut-off, aluminum fittings, and 40 micron filter. Shown with optional BMRS hoses, clamps, fuel pressure gauge and -8AN bulkhead. **602-005** **CONFIGURABLE FROM \$769.00**



HBS 6AN FITTING AND FUEL LINE ON EVO AIRBOX



6AN Inlet Fuel Delivery System

Includes FueLab regulator, Walbro pump, HBS filter with shut-off, aluminum fittings, and 40 micron filter. Shown with optional clamps and fuel pressure gauge. **602-0086** **CONFIGURABLE FROM \$769.00**



PUMP AND HBS FUEL FILTER WITH SHUT OFF VALVE



Fuel Delivery System for 600cc Carburetors

Includes Walbro pump, push-lock fittings, FueLab regulator and fuel filter. **600-330** **\$549.00**



FUELAB REGULATOR MOUNTED WITH REGULATOR CLAMP

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



FuelLab Regulator for Injection has 1/8 NPT fuel pressure gauge port, 3/16 o-ring inlet and 3/16 o-ring return port. Black anodized. 25-90 psi. Small, light and economical.

FuelLab Regulator for Injection, 2-Port
602-148 \$168.00

FuelLab Regulator for Injection, 3-Port
602-147 \$168.00

FuelLab Regulator for Carburetors has 1/8 NPT fuel pressure gauge port, 3/16 o-ring inlet, 3/16 o-ring outlet and 3/16 o-ring return port. 0-3 psi.

FuelLab Regulator for Carburetors, 3-Port
600-179 \$169.50



Redhorse Regulator for Injection, 3-Port Anodized finish, adjustable from 40-70 psi. (2) -6AN inlet and (1) -6AN outlet ports. 1/8 NPT fuel pressure gauge port.
602-152 \$104.87

shop talk

2-port & 3-port regulators

The 3 port design is generally used when placing the regulator between the pump and the fuel rail where a flow thru rail is not used. The bottom port in the regulator is the return line.



Regulator for Injection, 3-Port Red/clear anodized finish, adjustable 40-70 psi. (2) -6AN inlet and (1) -6AN outlet ports. 1/8 NPT fuel pressure gauge port.
602-151 \$55.00



Aeromotive Bypass Regulator for Injection, 3-Port 40-70 psi. (3) 3/16" o-ring ports.
602-150 \$199.00



-6 Fuel Pressure Gauge to Regulator Super Lightweight Pre-Made Hose
413-205 \$114.00



Steel Braided Line for Fuel Pressure Gauge 24" long, 4AN ends.
602-201 \$18.25

Regulator Clamps hold the regulator neatly and safely to the engine mount tube of the Hyper 600 Chassis with Kawasaki engine.



FuelLab Regulator Clamp
602-115 \$14.95
Aeromotive Regulator Clamp
602-116 \$14.95



FuelLab Diaphragm for 602-147/148
602-149 \$22.00

FuelLab Diaphragm for 600-179
600-1795 \$22.00



Aeromotive Diaphragm for Regulator
602-155 \$29.95



4-12 psi Spring for FuelLab Regulator for Carburetors
600-178 4-12 PSI \$14.95
600-177 0-3 PSI \$14.95



Holley Fuel Pressure Regulator for Carburetors, 3-Port (3) 3/8 NPT ports, 3-8 psi.
600-180 \$48.00



Holley Rebuild Kit for Regulator
600-185 \$11.95



Autometer Fuel Pressure Gauge for Fuel Injection
602-200 \$89.00



Fuel Pressure Gauge, 0-160 psi 0-160 PSI, 1/8 NPT port. Fits directly into all of our fuel regulators.
602-198 \$19.00



Fuel Pressure Gauge for Carburetors 0-15 psi.
600-400 \$29.50

shop talk

fuel delivery

Visit www.hyperracing.com for fuel delivery system diagrams, detailed information on fuel delivery components and maintenance instructions.



Walbro Fuel Pump

70 psi pump can be used with injection or carburetors depending on the regulator. Uses or 602-1065 or 602-1066 fittings, not included.

602-106 \$99.00

Clamp for Walbro Pump

now measures 1/2" thick for more durability and features a 5/16"-18 x 7/8" gold vacuum plated titanium fastener.



**Walbro Pump to 6AN Fitting
602-1065 \$11.95**

**Walbro Pump to 8AN Fitting
602-1066 \$15.45**



1/4" Clamp for Walbro Pump
Fits 1/4" frame tube and Walbro or 1.695" diameter pump.
602-112 \$14.95



1/4" Clamp for Aeromotive Pump
Fits 1/4" frame tube and Aeromotive or 2.450" diameter pump.
602-110 \$14.95

1/4" Clamp for FuelLab Pump
Fits 1/4" frame tube, and FuelLab fuel pump, or 2.625" diameter.
602-114 \$14.95



HBS 6AN/25 MICRON FUEL FILTER BESIDE THE SEAT BETWEEN THE PUMP AND THE INJECTION

shop talk

tired of fuel pump failure?

Cavitation is the formation of gas bubbles in the fuel where the pressure of the liquid falls below its vapor pressure point. When the pump can't pull the fuel in, it creates a vacuum forming gas bubbles. When these gas bubbles collapse it creates a shock wave that destroys the bearings and veins.

Key items that cause cavitation may include:

- Turning on the pump without first priming or bleeding the air out of the fuel system
- Clogged fuel filter
- Clogged inlet of pump (Walbro pumps have a screen on the inlet that can cause severe restriction.)
- The pick up inside the tank is suctioned to the side of the bladder, or it is clogged
- Pinched fuel line
- Shut-off valve not turned on or one that vibrated off

Prime the Pump

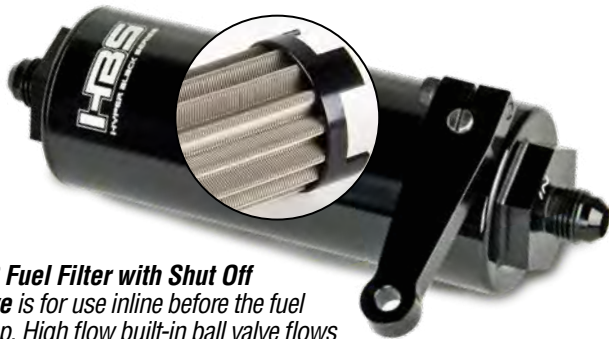
If you are turning on your pump and the fuel lines do not have fuel in them, you will need to crack the fitting loose on the outlet side of the pump. You will hear the pump run fast for about 10 seconds, then it will make a lower pitch as the fuel gets up inside the pump. When fuel starts to squirt out of the loose fitting, you can tighten it up.

Many times, the pump will work fine at idle and low fuel demand RPMs/loads, but not be able to keep up at higher RPMs/loads when the engine demands the most fuel. A problem such as this is easily diagnosed by watching the fuel pressure gauge while on the track. If issues with the engine blubbering or breaking up exist, the driver should glance at the fuel pressure gauge during race conditions and notice how far it is from the set point. If it is more than 5 pounds away from the set point, there may be a faulty fuel pump or restricted fuel filter or pickup.



IS IT ART OR IS IT A RACE CAR?

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



HBS Fuel Filter with Shut Off Valve is for use inline before the fuel pump. High flow built-in ball valve flows enough fuel for a -12AN system. Pleated, stainless steel 100 micron element is very effective at stopping debris. O-ring seal design eliminates the need for a loading spring. Shiny, durable anti-corrosion black anodizing and HBS etching finishes the perfect filter.

HBS Fuel Filter with Shut Off Valve

- 88-182 -8AN** **\$149.00**
- 88-184 -6AN** **\$149.00**

HBS Fuel Shut Off Valve is as good as they get. Incredibly smooth actuation and accurate sealing with splined indexable handle makes it top of the line.



Fuel Shut Off Valve with 5/16" Brass Barbed Fittings
42-161 **\$19.95**

Fuel Shut Off Valve with 3/8" Brass Barbed Fittings
42-162 **\$19.95**



HBS Fuel Shut Off Valve

Choice of -6 AN or -8AN male inlet and outlet.

- 41-240 6AN (3/8")** **\$65.00**
- 41-241 8AN (1/2")** **\$65.00**



Stainless Steel Ultrasonic Cleaner

80-675 **\$59.50**

Ultrasonic Cleaner Fluid Concentrate (8 oz.)

Cleans stainless steel fuel filter elements and electronic fuel injector nozzles. Use 8 oz. per gallon of water (7% solution).

80-676 **\$10.95**



Fuel Shut Off Valve with 6AN Aluminum Fittings
42-160 **\$21.50**



Earl's Fuel Shut Off Valve 6AN
3/8" NPT outlet to 6AN inlet bulkhead.
41-230502 **\$49.50**

Our Exclusive **HBS Fuel Filters** feature aluminum body with stainless steel removable element for cleaning. Housing length is 6".



HBS Fuel Filter 6AN/40 Micron, for Injection
6 AN inlet/outlet, 40 micron element. Use after the fuel pump only. Ultrasonic clean only!

88-175 **\$89.00**



HBS Fuel Filter, 6AN/120 Micron
6 AN inlet/outlet, 120 micron element. Ultrasonic clean only!

88-160 **\$79.00**

HBS Fuel Filter, 8AN/120 Micron
8 AN inlet/outlet, 120 micron element. Ultrasonic clean only!

88-159 **\$79.00**



FILTER ELEMENTS & O-RINGS

40 Micron Element for Filter 88-175	88-166	\$69.00
120 Micron Element for 88-160 or 88-159	88-161	\$49.00
Outer O-Ring, for Fuel Filter 88-167, 160 or 159	88-162	\$.90
Inner O-Ring, for Fuel Filter 88-167, 160 or 159	88-163	\$.90
Pleated Element for 88-182, 184 or 180	88-181	\$50.00
Endcap O-Ring for 88-182, 184 or 180	88-187	\$.75
Inner O-Ring for 88-182, 184 or 180	88-188	\$.75

Fuel Filter Clamps now measure 1/2" thick for more durability and feature a 5/16"-18 x 7/8" gold vacuum plated titanium fastener.



1 1/4" Clamp, for Fuel Filter
602-111 **\$14.95**

1 1/8" Clamp, for Fuel Filter
602-113 **\$14.95**

ALWAYS CLEAN FUEL FILTERS WITH ULTRASONIC CLEANER 80-675. COMPRESSED AIR AND SOLVENT WILL NOT CLEAN THE ELEMENT PROPERLY.

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPERS/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



PTFE is without a doubt the ultimate hose material because of its very unique and useful properties. This is a gamechanger!

PTFE is short for polytetrafluoroethylene, also known by the brand name Teflon, which was originally created by DuPont. It has supreme chemical resistance and will not break down even after years of use with methanol. EDM or NBR rubber, (which is what almost all fuel lines are made from) begins to break down even before one year wreaking havoc on your fuel delivery system and injector nozzles. Rubber hoses can even begin to leak or spray fuel—pretty dangerous!

Our PTFE hose:

- seals the fuel in as the PTFE acts as a vapor barrier to prevent methanol or gasoline vapors (and odors) from seeping out. When methanol evaporates out of rubber hose, it is replaced with oxygen, the enemy of methanol fuel delivery systems. This corrodes the aluminum fittings and rubber hose leaving behind the harmful white powder which can clog filters and cause injectors to stick.
- has a much higher and safer working temperature range of -76 degrees Fahrenheit to over +500 degrees.
- features black nylon on the outside with a strong stainless steel liner wrapped around the PTFE inner hose.
- is rated for really high pressures, although you'll never need it for the fuel line. The -6 hose handles 2500 PSI.
- has a smooth bore for maximum flow rate
- is available in -6 or -8 sizes with straight, 180 degree, 90 degree and 45 degree lightweight 6061 T6 aluminum black anodized HBS fittings for both hose sizes.

-6 PTFE Fuel Line
414-100 PER FOOT \$6.90

-8 PTFE Fuel Line
414-105 PER FOOT \$7.90



-6 Straight PTFE Fitting
414-120 \$7.85



-8 Straight PTFE Fitting
414-122 \$8.85



-6 45° PTFE Fitting
414-130 \$11.95



-8 45° PTFE Fitting
414-135 \$13.50



-6 90° PTFE Fitting
414-150 \$10.75



-8 90° PTFE Fitting
414-151 \$13.50



-6 180° PTFE Fitting
414-160 \$11.75



-8 180° PTFE Fitting
414-161 \$13.50



ALEX BRIGHT BRINGS HOME THE GOLDEN DRILLER AT THE 2020 TULSA SHOOTOUT FOR CAR OWNER ROBERT HUMMER.

1 **Cut to length**



Use our 414-900 Hose Cutter to cut the hose to length. Alternatively, wrap with electrical tape at cutting point and use a very sharp fine tooth hacksaw.

3 **Place nut, open hole**



Slide on the nut in the direction shown. Remove tape if used during cutting. Use a round object (such as a pen or dowel) to make the inside of the line round. It can get deformed from cutting.

5 **Insert body tube**



Insert the tube from the body of the fitting into the PTFE inner tube so that the shoulder of the body fits squarely against the ferrule.

7 **Thread nut into tube, then clamp**



Pull the nut down over the outer braid and begin to thread the nut to the body by hand. Once the nut and body start to thread together, place body in aluminum vise jaws.

2 **Set up fitting**



Disassemble the fitting. It will consist of three parts, pictured above from left to right: the nut, ferrule, and body. Set the fitting parts up as shown.

4 **Insert ferrule**




Push the aluminum ferrule onto the hose between the inner hose and the stainless/cloth outer braid. Make sure the ferrule is pushed on the entire way. Pressing it against a flat surface once started can help.

6 **Use assembly lube**



Place a drop of assembly lube onto the threads of the fitting body. The lube helps make assembly easier and keeps the threads from galling so that the fitting can be reused.

8 **Tighten**



Using the 414-905 Aluminum AN Adjustable Wrench, tighten the nut down onto the body until there is less than 1/16" gap between the nut and the body.



new
HBS Aluminum Fitting Vise Jaws
414-900 \$19.99



new
Heavy Duty Hose Cutter Tool
414-900 \$24.99



new
HBS Aluminum AN Adjustable Wrench
414-905 \$27.50



new
Redhorse Performance Assembly Lube, 8.45 oz. Highly recommended for assembly of our PTFE and other aluminum fittings.
414-899 \$14.95

shop talk
shop/order desk hours
Monday & Tuesday: 8:30 a.m.-8 p.m.
Wednesday & Thursday: 8:30 a.m.-6 p.m.
Friday: 8:30 a.m.-noon
Saturday: 9:00 a.m.-noon

CHASSIS KITS
REAR END
FRONT END
PAN/ARO/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
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HARDWARE/TABS/TT
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

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SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



Pre-assembled Hoses are lightweight, methanol compatible, and pre-made to fit your Hyper Chassis. Install the Brown and Miller (BMRS) ProBlack DR Hose now and save money and headaches in the future!

- No need to replace this fuel line every year
- Lightweight BMRS quality design
- Cut, fit, and pre-assembled to length and specific need
- Tighter bend radius than standard HBS and Super Stock Hose
- All one piece billet aluminum fittings
- Smoothbore PTFE braided aramid hose



-6 Regulator to Return on Tank Super Lightweight Pre-Made Hose
413-200 **\$97.00**



-6 Fuel Pressure Gauge to Regulator Super Lightweight Pre-Made Hose
413-205 **\$114.00**



-6 Fuel Tank to Filter Super Lightweight Pre-Made Hose
413-175 **\$84.00**



-6 Fuel Filter to Upper Fuel Rail Super Lightweight Pre-Made Hose
413-185 **\$86.00**

-8 Fuel Tank to Filter Super Lightweight Pre-Made Hose
413-170 **\$89.95**



-6 Fuel Pump to Filter Super Lightweight Pre-Made Hose
413-180 **\$61.00**



-6 Upper Fuel Rail to Lower Fuel Rail Super Lightweight Pre-Made Hose
413-190 **\$73.00**

-6 Fuel Pump to Filter Super Lightweight Pre-Made Hose /X7 5" longer than 413-180 to accommodate filter/pump mounted above seat bar on the X7.
413-182 **\$66.00**



-6 Lower Fuel Rail to Regulator Super Lightweight Pre-Made Hose
413-195 **\$75.00**

-6 EVO Fuel Rail to Regulator Super Lightweight Pre-Made Hose
413-196 **\$75.00**



24-7 support
fuel delivery
Visit hyperracing.com and click on tech>fuel delivery for more information on fuel delivery including fuel delivery diagrams.

HBS Fittings are black hard anodized for quality appearance and long life. 100% American made, Billet CNC machined. Innovative design for really easy assembly. HBS Logo is etched on the -6 and -8 sizes.



HBS STRAIGHT & ELBOW FITTINGS

HBS 6AN to 3/8" (-6) Straight Fitting	413-120	\$8.75
HBS 8AN to 1/2" (-8) Straight Fitting	413-122	\$9.25
HBS 10AN to 5/8" (-10) Straight Fitting	413-124	\$11.95
HBS 12AN to 3/4" (-12) Straight Fitting	413-125	\$13.95
HBS 16AN to 1" (-16) Straight Fitting	413-127	\$21.45
HBS 6AN to 3/8" (-6) 90° Fitting	413-130	\$16.95
HBS 8AN to 1/2" (-8) 90° Fitting	413-135	\$17.95
HBS 10AN to 5/8" (-10) 90° Fitting	413-137	\$19.95
HBS 12AN to 3/4" (-12) 90° Fitting	413-138	\$22.90
HBS 16AN to 1" (-16) 90° Fitting	413-140	\$39.50



HBS 45 & 150 DEGREE FITTINGS

HBS 6AN to 3/8" (-6) 45° Fitting	413-150	\$16.25
HBS 8AN to 1/2" (-8) 45° Fitting	413-151	\$17.45
HBS 10AN to 5/8" (-10) 45° Fitting	413-152	\$21.95
HBS 12AN to 3/4" (-12) 45° Fitting	413-153	\$24.45
HBS 16AN to 1" (-16) 45° Fitting	413-155	\$42.45
HBS 6AN to 3/8" (-6) 150° Fitting	413-160	\$18.90
HBS 8AN to 1/2" (-8) 150° Fitting	413-161	\$20.45
HBS 10AN to 5/8" (-10) 150° Fitting	413-162	\$21.95
HBS 12AN to 3/4" (-12) 150° Fitting	413-163	\$26.45
HBS 6AN to 3/8" (-6) 180° Fitting	413-165	\$26.25



HBS FITTINGS AND HOSE

? *know the code*

fittings

-3 = 3/16"	-6 = 3/8"	-10 = 5/8"
-4 = 1/4"	-8 = 1/2"	-12 = 3/4"
-5 = 5/16"	-9 = 9/16"	-16 = 1"

shop talk

cutting hose

For easy cutting, use our 414-900 Hose Cutter or wrap area to be cut with duct tape, cut with a sharp, fine tooth hacksaw, and blow hose out with compressed air.

HBS Series Hose is lightweight and super high quality. Easy to install. Makes a tight bend without kinking. Incorporates stainless steel braiding inside the hose for strength, safety, and dimensional stability.

Our HBS Stainless Hose is a true double braided stainless hose that uses the highest quality stainless wire available and a premium fuel resistant seamless NBR synthetic tube liner.

E85 HBS Lightweight Hose is compatible with E85, methanol, or pump gas. Features a lightweight nylon outer braid, a stainless steel under braid, and an advanced inner tube, you are getting a sleek, clean look without sacrificing performance.



HBS BLACK LIGHTWEIGHT, STAINLESS & E85 HOSE

HBS Lightweight 3/8" (-6) Hose (per foot)	413-100	\$6.75
HBS Lightweight 1/2" (-8) Hose (per foot)	413-105	\$8.10
HBS Lightweight 5/8" (-10) Hose (per foot)	413-106	\$9.60
HBS Lightweight 3/4" (-12) Hose (per foot)	413-107	\$11.95
HBS Lightweight 1" (-16) Hose (per foot)	413-108	\$17.45
HBS Stainless 1/4" (-4) Hose (per foot)	413-109	\$6.75
HBS Stainless 3/8" (-6) Hose (per foot)	413-110	\$6.90
HBS Stainless 1/2" (-8) Hose (per foot)	413-112	\$8.15
HBS Stainless 5/8" (-10) Hose (per foot)	413-114	\$9.75
HBS Stainless 3/4" (-12) Hose (per foot)	413-116	\$11.95
HBS Stainless 1" (-16) Hose (per foot)	413-117	\$17.45
E85 HBS Lightweight Hose 3/8" (-6) Hose (per foot)	413-118	\$8.95
E85 HBS Lightweight Hose 1/2" (-8) Hose (per foot)	413-119	\$9.95

Super Stock Hose and Fittings are the economical choice for plumbing your fuel system. Super Stock Hose is high quality synthetic rubber premium racing hose. Reinforced by a full coverage interior braided fabric sheath, withstands 250 max psi, easy to cut and assemble. Super Stock fittings will not fit HBS hose.



Super Stock 6AN to 3/8" (-6) Straight Fitting
41-700167 \$7.45

Super Stock 8AN to 1/2" (-8) Straight Fitting
41-700109 \$8.95



3/8" I.D. (-6) Super Stock Hose
41-791006-1 PER FOOT \$5.95
10' OR MORE \$4.50

1/2" I.D. (-8) Super Stock Hose
41-791008-1 PER FOOT \$6.95
10' OR MORE \$5.40



Super Stock 6AN to 3/8" (-6) Elbow
41-709167 \$17.50

Super Stock 8AN to 1/2" (-8) Elbow
41-709109 \$19.95



Super Stock 6AN to 3/8" (-6) 45°
41-704667 \$17.50

Super Stock 8AN to 1/2" (-8) 45°
41-704609 \$19.95

CHASSIS
KITS
REAR END
FRONT END
PAN-ARD/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG MOUNT
BODY
HARDWARE/
TABS/T
COOLING
FUEL
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



-3AN Bulkhead 45° Fitting
41-983703 \$11.95



-3AN Bulkhead Straight Fitting
41-983203 \$6.90



-6AN Bulkhead Straight Fitting
41-983206 \$10.45



-8AN Bulkhead Straight Fitting
41-983208 \$11.95



3AN Bulkhead Fitting Nut (each)
41-592403 \$2.50

6AN Bulkhead Fitting Nut (each)
41-592406 \$3.67

8AN Bulkhead Fitting Nut (each)
41-992408 \$4.95



3AN to 3AN Elbow Fitting
41-982103 \$11.95



1/8" NPT to 3AN Elbow Fitting
41-982203 \$10.45

1/8" NPT to 4AN Elbow Fitting
41-982204 \$10.45

1/8" NPT to 6AN Elbow Fitting
41-982262 \$10.45

1/4" NPT to 6AN Elbow Fitting
41-982206 \$12.75

3/8" NPT to 6AN Elbow Fitting
41-982266 \$14.95

3/8" NPT to 8AN Elbow Fitting
41-982208 \$13.45

1/2" NPT to 12AN Elbow Fitting
41-982213 \$24.45



6AN to 1/4" NPT 45° Fitting
41-982306 \$10.45



1/8" NPT to 3AN Straight Fitting
41-981603 \$4.95

1/8" NPT to 4AN Straight Fitting
41-981604 \$4.95

1/8" NPT to 6AN Straight Fitting
41-981662 \$4.95

1/4" NPT to 6AN Straight Fitting
41-981606 \$4.95

3/8" NPT to 6AN Straight Fitting
41-981666 \$4.95

3/8" NPT to 8AN Straight Fitting
41-981608 \$4.95

1/2" NPT to 12AN Straight Fitting
41-981613 \$12.95

3/4" NPT to 12AN Straight Fitting
41-981612 \$12.95



3AN Swivel Coupler
41-915103 \$10.95

6AN Swivel Coupler
41-915106 \$11.95

8AN Swivel Coupler
41-915108 \$13.45



3/16" O-Ring Port Plug
41-581406 \$3.75



6AN to 6AN with 1/8" NPT port
41-100192 \$13.25

? *know the code*
fittings

-3 = 3/16"	-6 = 3/8"	-10 = 5/8"
-4 = 1/4"	-8 = 1/2"	-12 = 3/4"
-5 = 5/16"	-9 = 7/16"	-16 = 1"



1/8" NPT Hex Plug
41-593202 \$3.90

1/4" NPT Hex Plug
41-593203 \$3.95

3/8" NPT Hex Plug
41-593204 \$4.95



3AN Plug Cap (each)
41-592903 \$6.95

6AN Plug Cap (each)
41-592906 \$7.45

8AN Plug Cap (each)
41-592908 \$8.45



3AN Flare Plug
41-5913 \$3.95

6AN Flare Plug
41-5916 \$4.20

8AN Flare Plug
41-5918 \$5.56



1/16" (-6) O-Ring to 6AN Fitting
41-985006 \$11.95

1/16" (-6) O-Ring to 8AN Fitting
41-985007 \$14.95

3/4" (-8) O-Ring to 8AN Fitting
41-985008 \$14.95

7/8" (-10) O-Ring to 12AN Fitting
41-985011 \$24.95

1" (-12) O-Ring to 12AN Fitting
41-985012 \$24.95

1" (-12) O-Ring to 10AN Fitting
41-985013 \$19.95

7/8" (-10) O-Ring to 6AN Fitting
41-985010 \$18.45

3/4" (-8) O-Ring to 6AN Fitting
41-985068 \$13.45

1" (-12) O-Ring to 8AN Fitting
41-9850810 \$14.95



O-Ring for 3/16" (-9)
41-176006 \$7.75

O-Ring for 3/4" (-12)
41-176008 \$17.75



Walbro Pump to 6AN Fitting
602-1065 \$11.95

Walbro Pump to 8AN Fitting
602-1066 \$15.45



3AN to 3AN Male Adapter Fitting
41-981503 \$4.25

6AN to 6AN Male Adapter Fitting
41-981506 \$5.95

6AN to 8AN Male Adapter Fitting
41-991912 \$7.45

8AN to 8AN Male Adapter Fitting
41-981508 \$7.52



1/8" NPT to -3AN Run T-Fitting
41-982603 \$13.45



3AN to 1/8" NPT T-Fitting
41-982503 \$13.45



6AN T-Fitting
41-982406 \$13.45

3AN T-Fitting
41-982403 \$13.45

Quick Disconnect Fittings are much safer than hose clamps! Use these magical fittings to connect the -6AN fuel delivery system to the stock motorcycle fuel rail on the throttle bodies. Easier and safer than welding on a fitting. Black anodized. Yeah, baby.



6AN 90° Male to 5/16" SAE Quick Disconnect Female
412-098 \$29.95



6AN Straight Male to 5/16" SAE Quick Disconnect Female
412-099 \$13.95



Y-Block
Features (3) 6AN outlets.
41-005 \$36.00



Bladder Tank Bulkhead
14-145 6AN \$54.00
14-146 8AN \$57.00
14-147 10AN \$81.00



1/2" NPT to 3/8" NPT Reducer
41-991204 \$5.95



1" Barbed Union Fitting, Aluminum
81-151 \$10.25

3/4" Barbed Union Fitting, Brass
81-150 \$12.95



3/4" NPT to 1" Barbed Straight Fitting
816-022 \$28.00



3/4" NPT to 1" Barbed Elbow Fitting
816-023 \$33.95



3/8" NPT to 1/2" Barbed Fitting
41-984008 \$8.75

Plug and Cap Kit includes 10 caps and 10 plugs. For use on fittings when disconnected so they do not leak.



6AN Plug & Cap Kit
80-100 \$11.95

6AN Plug & Cap Kit
80-101 \$11.95

It's easy when you have the right tool!

HBS Vice Jaws and AN Adjustable Wrench help prevent scratching of anodized aluminum AN hose ends during assembly or hold almost any soft part without marking. Black anodizing with HBS laser etched logo. Hyper's assembly team loves these tools and you will too!



HBS Aluminum Vice Jaws for Aluminum AN Fittings
Large magnets inside hold them to the vise.
414-900 \$19.99



BRASS FITTINGS

Barbed Straight Fittings

1/4" NPT to 5/16" Straight	42-158	\$2.75
1/4" NPT to 3/8" Straight	42-157	\$2.35
1/8" NPT to 5/16" Straight	42-155	\$1.75
1/8" NPT to 3/8" Straight	42-156	\$1.50
3/8" NPT to 3/8" Straight	42-164	\$1.75

Barbed Elbow Fittings

1/8" NPT to 5/16" Elbow	42-153	\$6.25
1/4" NPT to 3/8" Elbow	42-152	\$4.90
1/8" NPT to 3/8" Elbow	42-151	\$4.90
1/4" NPT to 5/16" Elbow	42-159	\$3.40



3/8" NPT Bulkhead Fitting with Stat-O-Seal Washer for Wet Tank
42-074 \$18.95



5/16" I.D. Stat-O-Seal Washer (pair)
41-178009 \$7.95

3/4" I.D. Stat-O-Seal Washer (pair)
41-178012 \$13.95

Mercedes Style Hose Clamps are high quality stainless steel worm drive with a rolled thread that will not cut hose.



Mercedes Style Clamp, 1"-1 5/8"
15-3023 FOR 1" HOSE \$1.65

Mercedes Style Clamp, 5/8"-1"
15-3026 FOR 1/2" HOSE \$1.60



Hose Clamps with high quality stainless steel worm drive are available to suit all your needs.

HOSE CLAMPS

3/32" to 5/8"	15-303	\$1.98
1 1/16" to 2 1/4"	15-305	\$2.19
2 5/16" to 3 3/4"	15-306	\$2.38
2 1/2" to 5 1/2"	15-307	\$3.45
5 7/8" to 8 1/2"	15-311	\$4.55
1-1 1/2"	15-3022	\$9.99



1/4" Fuel Line Polybraid (per foot)
42-148 \$1.65

5/16" Fuel Line Polybraid (per foot)
42-1495 \$1.75

3/8" Fuel Line Polybraid (per foot)
42-150 \$1.95

shop talk

teflon tape

When installing NPT fittings or plugs use teflon tape on the threads, especially when putting aluminum fittings onto aluminum NPT bungs. This helps prevent galling of the fittings. Wrap a double thickness of tape around the fitting, pull tape snug, so that it forms to the threads. The tape should not exceed the threads or pieces can break off and clog the lines.

CHASSIS
KITS
REAR END
FRONT END
PAN-ARD/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG MOUNT
BUMPERS/
BODY
HARDWARE/
TABS/T
COOLING
FUEL
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

EVOLUTION

Exquisite design, extensive R&D, and expert tuning makes the radically distinctive Hyper EVO Fuel Injection System a game changer in the 600cc Sprint Car.

The Power Tower throttle bodies by Design Engineer Mike Dicely and the Pros at Kinsler create the bore, length, shape, and volume for insane performance gains, quality design, simplicity, and incredible weight savings.

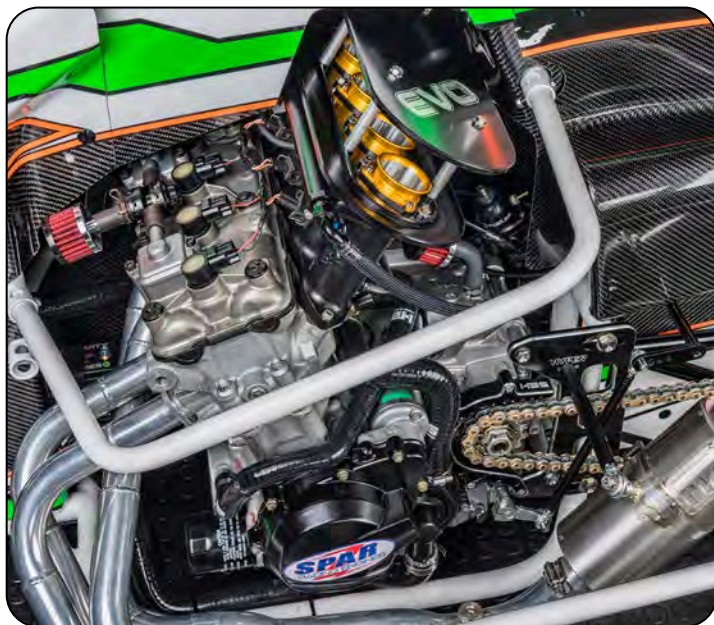
The EVO Design Team relied on 15 years of experience in dyno tuning, electronic fuel injection tuning and design, and racing 600cc engines. We partnered with Kinsler Fuel Injection, taking full advantage of their expertise and experience in building superior high-quality throttle bodies.

The EVO Design Team spent 6 months testing on the dyno and on the track. Nine different throttle body configurations were tested. Changes were made to the throttle body shape as well as velocity stack shape and height. The resulting combination is a truly amazing game changing piece of technology.

We are proud to offer you the Hyper EVO. Are you ready to evolve?



BRIAN CARBER, MIKE DICELY | HYPER FUEL INJECTION, EVO DESIGN TEAM



Evolutionary advancements include:

Quality design by Hyper Racing and Kinsler

- Made from a super lightweight one-piece magnesium casting rather than 4 individual aluminum bodies bolted together with 1/4" bar stock.
- Transverse sealed ball bearing supported throttle shafts provide super smooth throttle action for precise throttle control on slick tracks. Bearing requires no maintenance and will never need to be replaced.
- The EVO TPS sensor is also on a transverse shaft that is isolated from the throttle shafts, so no alcohol can ever get in the sensor which will make it fail quickly.
- 4 Large injectors virtually eliminate injector clogging, sticking, and failing.
- O-ring seal on airbox and engine head. We do not count on silicone or a machined face-to-face surface to keep horsepower killing dirt and fine dust out of your engine.
- Interchangeable velocity stack lengths in the airbox allows for the optimum tuned intake length for each engine.

More horsepower and torque

- Significantly more low end and midrange power and torque.
- More peak horsepower and torque

Super lightweight

- 4-7 pounds lighter than other systems.
- Magnesium construction.
- Titanium hardware.

Easier diagnostics

- Less wiring due to only 4 injectors.
- Less complicated mounting and installation.
- Eliminates Yamaha fly-by-wire
- No more rubber boots: direct bolt design keeps the throttle bodies on the engine!

Designed to perform

- Precisely tuned length, shape, volume, bore and butterfly placement provides ultimate power across entire usable RPM range
- No need for unnecessary, expensive electronic controlled velocity stacks because the performance is already in the design

shop talk

fuel injection direct line

For diagnostics, service or dyno appointments, reach Brian Carber or Mike Dickey in Fuel Injection by dialing 717-220-4780.

Since 1994, Hyper Racing has been raising the bar for service and customer relationships. Every EVO System receives our world-class support!



EVO Fuel Injection Systems includes: airbox, fuel rail, K&N filter, foam, nozzles, sensor, velocity stacks, titanium hardware and world-class support.

- EVO Injection System for '06 and Up Black Yamaha R6**
605-110 **\$3,295.00**
- EVO Injection System for '03-'05 Yamaha R6**
605-111 **\$3,295.00**
- EVO Injection System for '06 and Up Suzuki GSX-R600**
605-115 **\$3,295.00**
- EVO Injection System for '06 and Up Suzuki GSX-R750**
605-117 **\$3,295.00**
- EVO Injection System for '03-'06 Kawasaki ZX-6R 636**
605-118 **\$3,295.00**
- EVO Injection System for '13 and Up Kawasaki ZX-6R 636**
605-120 **\$3,295.00**
- EVO Injection System for '07 and Up CBR Honda 600**
605-125 **\$3,295.00**

“On back to back dyno sessions, the EVO created significantly more horsepower and torque than the stock throttle body type conversions, both peak and across wide areas of usable rpm range. Visit our website to see dyno run comparisons between the two types of systems. Your jaw will drop.”

MIKE DICELY

**CHIEF ENGINEER AND DESIGNER
EVO FUEL INJECTION**



Oval Airbox Assembly for EVO

Fits Hyper EVO Injection system. Includes airbox, velocity stacks, K&N air filter element and foam pre-filter. Specify long or short air filter.

605-305

\$345.00



Flat Airbox Assembly for EVO

Fits Hyper EVO Injection system. Includes K&N filter element, foam pre-filter, Outerwear and velocity stacks.

605-306

\$635.00



BRIAN CARBER TAKES HOME THE 2020 HYPER RACING 600 SPEEDWEEK CHAMPIONSHIP BELT.

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPERS/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

K&N Filters for the EVO Airbox are available in two heights. We recommend oiling these filters with Klotz Foam Air Filter Oil, since it is heavier and will not pull through as easily.



K&N E-1250 Air Filter
Fits Hyper's EVO airbox. Also fits many other manufacturer's airboxes. 3.5" high, 9.25" I.D., 11" O.D.
600-514 \$75.00



K&N E-1220 Short Air Filter
Fits Hyper's EVO airbox, short height configuration. Use with 605-318 short posts in airbox. This shorter air filter provides more frame clearance without hurting performance. Requires more frequent cleaning due to the decrease in surface area. 2.5" high, 9.25" I.D., 11" O.D.
600-5141 \$69.00



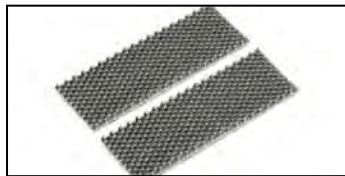
K&N Filter for Flat Filter Airbox is panel-shaped and measures 11" x 4.563" x 1.5".
K&N Flat Filter
600-5152 \$68.00
Outerwear for Flat Filter
600-520 \$31.10

Foam Prefilter is the best way to keep dirt out of the engine. We performed many back to back dyno tests with different foam types and chose this one because it show no loss of horsepower. On track testing ensured that the foam captures almost all of the dirt before it can reach the cotton element of the air filter and saves time because it allows 3 or more races in between cleaning the air filter.

Includes foam wrap and velcro® strip (for oval filters) especially selected for this application to insure that the foam can be adjusted if it stretches after cleaning with 77-507 K&N Air Filter Cleaner. To use, spray the foam prefilter with 77-260 Klotz Foam Air Filter Oil and install it in the airbox.



Foam Prefilter for EVO/Large Oval Filters
Includes two 3" strips. Make the foam as tight as you want.
600-5155-2 \$18.50



Velcro® Strips for Foam Prefilter (2) 3" strips.
600-5155-9 \$1.99



Foam Prefilter for Flat Filter
600-5153 \$11.50

WE WORK WITH ALL MAJOR ENGINE BUILDERS. CALL FOR DETAILS!



Outerwear EVO Oval Airbox
600-521 \$29.50



Scrub Bag EVO Oval Airbox
600-522 \$32.50



TPS Sensor for EVO System
Specify engine make.
605-290 SPECIFY \$159.00



TPS Set Screw, EVO
605-397 \$1.85



Velocity Stack (each)
605-320 STACK 0 \$19.50
605-325 STACK 8 \$24.50
605-330 STACK 24 \$29.50

know the code
velocity stacks
Stack 0: Standard multi-purpose
Stack 8: Increased bottom end
Stack 24: Experimental, R&D



Idle Adjuster Assembly, EVO
605-385 \$25.70



Titanium Idle Control Screw for EVO (each)
605-394 \$8.95



Idle Control Screw, SHCH, EVO
605-395 \$1.90



Idle Control Spring, EVO
605-391 \$2.70



Idle Screw Block, EVO
605-389 \$15.50



Siemens Short Nozzle 60 lb/hr
602-6058 \$73.00



Siemens Short Nozzle 42lb/hr
602-60582 \$73.00

shop talk
fuel injection direct line
For diagnostics, service or dyno appointments, reach Brian Carber or Mike Dically in Fuel Injection by dialing 717-220-4780.

CHASSIS KITS
REAR END
FRONT END
PAN/ARM/ W-LINK
SPROCKETS/ CHAIN
STEERING/ RODS/ENDS
TIRES/ WHEELS
BRAKES/ THROTTLE
SHIFTER
SHOCKS/ TORSION
SEATS/ BELTS
WING/ ENG MOUNT
BUNNERS/ BODY
HARDWARE/ TABS/T
COOLING
FUEL DELIVERY
INJECTION/ 600 ENGINE
270 ENGINE

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



EVO Electronics Package

- All electronics needed for EVO injection system on your engine:
- ECU (engine control unit)
- ECU flash, base map flashed into ECU for the EVO on your engine
- Wiring harness for the engine
- Wiring harness conversion
- Rectifier/voltage regulator
- Rectifier harness
- Atmospheric pressure sensor
- Intake air pressure sensor
- Air temperature sensor
- Starter relay
- Ignition coils (4)

SPECIFY ENGINE

\$1,195.00



EVO Throttle Control Arm

605-382 **\$28.00**



EVO Throttle Cable Mount

605-317 **\$29.50**



EVO Throttle Cable Retainer

Holds throttle cable to the EVO throttle bodies.

605-380 **\$19.50**



EVO Vacuum Tube Fitting

605-300 **\$2.95**
605-299 '13 & UP KAWI **\$8.95**



6AL4V TT
1/4"-20 x 7/8" HHCS, Titanium (each)
Fastens EVO oval airbox to throttle bodies. 8 needed per system.
981-04-20-88 **\$5.58**

1/4"-28 x 5/8" HHCS, Titanium (each)
Fastens top of oval EVO airbox to posts. 4 needed per system.
981-04-28-62 **\$3.18**



6AL4V TT
1/4"-28 x 3/4" HHCS, Titanium (each)
Fastens EVO airbox bottom plate to posts. 4 needed per unit.
983-04-28-75 **\$2.90**



Fuel Rail, EVO System

605-185 **\$159.00**



Siemens Short Nozzle 60 lb/hr
602-6058 **\$73.00**



EVO Throttle Body (only)

Does not include injectors, fuel rail, throttle cable mount, airbox, TPS sensor, or cable holder.

SPECIFY ENGINE

\$2,450.00



Top Plate, EVO Oval Airbox

605-310 **\$39.00**



Bottom Plate, EVO Oval Airbox

605-315 **\$45.00**



Injection Cover for EVO

Fiberglass cover fits over EVO Fuel Injection to protect electrical connections and throttle bodies.

146-280 **\$69.00**



Adapter for 146-280 Cover

146-281 **\$24.00**



EVO O-Ring, Throttle Bodies to Engine (4-pack)

605-350 YAMAHA R6 **\$2.00**

605-350 SUZUKI GSXR **\$2.00**

605-351 KAWASAKI **\$2.00**

605-352 HONDA **\$2.00**

EVO O-Ring, Throttle Bodies to Airbox (4-pack)

605-355 **\$2.00**



EVO Large Oval Airbox Post, Long (each)

605-319 **\$3.50**



EVO Large Oval Airbox Post, Short (each)

605-318 **\$3.50**



Stud for Airbox Post (each)

605-3191 **\$5.95**



Titanium Flange Nut, 5/16"-18 (each)

Fits wheel studs and airbox post.

987-05-18-FLANG **\$5.95**



WE WORK WITH ALL MAJOR ENGINE BUILDERS. CALL FOR DETAILS!



600cc Engine Packages

Everything you need to bolt on and go!

- stock engine
 - Hyper fuel injection conversion to alcohol
 - wiring harness conversion
 - billet airbox with outerwear
 - complete FTZ exhaust system
 - Billet aluminum oil pan
 - ECU Performance Flash Tune
 - two 1/2" K&N crankcase breathers
 - clutch cable
 - modified valve cover to prevent oil blow out
 - 4 quarts standard break-in oil
 - case saver
 - 4 exhaust gaskets
 - oil filter
 - CR10EK spark plugs (4)
- | | |
|--|------------|
| '05-'06 Kawasaki ZX-6R 636 Engine Package
607-001 | \$5,850.00 |
| '08 and Up Yamaha YZF-R6 Engine Package
607-001 | \$6,750.00 |
| '08 and Up Suzuki GSX-R600 Engine Package
607-001 | \$6,350.00 |

+ - CUSTOMIZE IT!

Add EVO Injection System (Oval Airbox)	\$1,500.00
608-010 Deluxe chassis harness assembly	\$269.00
Credit for exhaust	-\$425.00
Upgrade to Champion break-in oil	\$36.00
Fuel delivery system	\$789.00
Tune your engine kit on our engine dyno before shipping. Highly recommended!	
Engine dyno tuning on engine stand, includes labor to mount/unmount	\$420.00
Engine dyno tuning on chassis	\$195.00

600cc Outlaw Engine Packages with EVO

Everything you need to bolt on and go as listed plus EVO Injection System (Oval Airbox).

'13 and Up Kawasaki ZX-6R 636 607-001	\$8,235.00
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shop talk

hyper university

To further your education, read all of our setup manuals, assembly manuals, and set-up theory on our website at www.hyperracing.com. Our Tech Department section has a lifetime of work documented for your support.

"I just wanted to thank you and the entire Hyper Racing team for all your hard work. The craftsmanship, integrity and pure passion for what you guys do always shines above the competition. The customer support and service at Hyper goes unmatched in the industry. Thank you from the entire Askew/Sutton Motorsports Follow Your Dreams Racing camp."

JOE ASKEW

CAPE CORAL, FL



Big Performance in a Stock Throttle Body Conversion!

Hyper Racing's one of a kind Flat Filter Fuel Injection Conversion is an amazing system designed by the same design engineering team that brings you the EVO. The Flat Filter Fuel Injection Conversion is race proven all over the world, with countless race wins on all different engine platforms since 2002. It utilizes the stock throttle bodies so it is legal for the 'A' class or where stock throttle bodies are required.

Simplicity

- Air filter element can be changed in about 15 seconds without any chance of getting dirt into the engine
- Available ECU Tune is more accurate, eliminating the need for a Power Commander.
- A design that is proven to be the best at keeping dirt out of the engine
- Air filter element placement allows easy removal and replacement with only a screw driver
- Perfect element seal every time with the airbox
- O-ring seal between all applicable joints

Horsepower

- Features the under appreciated RAM (forced air) design that simulates turbo charging and produces a significant increase in on-track horsepower that can't be measured on the dyno.
- The R6 version has automatic ECU controlled adjustable velocity stacks
- In-house eddy current dyno enables full testing and optimum performance engineering.

Perfection

- All billet aluminum construction with black anodizing
- Professional product support from the Hyper Racing Team.

CONVERSION CHECKLIST

Type of Conversion:

deluxe conversion

throttle body conversion

Send the following:

Send the following:

- stock throttle bodies
- stock airbox
- wiring harness
- ECU

- stock throttle bodies
- stock airbox

Name _____

Phone number(s) _____

Shipping address _____

Payment method _____

Engine make/model/year _____



WE WORK WITH ALL MAJOR ENGINE BUILDERS. CALL FOR DETAILS!

600cc Fuel Injection Engine Conversion Packages

Send us your throttle bodies, factory airbox, wiring harness, and valve cover, and we will provide the following: (You supply the engine!)

- Hyper Flat Filter Fuel Injection Conversion to alcohol
- Flat Filter Airbox
- ECU Performance Flash Tune
- complete FTZ exhaust system
- wiring harness conversion
- valve cover modification
- billet oil pan

'05-'06 Kawasaki ZX-6R Engine Conversion Package 607-301	\$3,050.00
'08 and Up Yamaha YZF-R6 Engine Conversion Package Billet oil pan included. 607-307	\$3,150.00
'08 and Up Suzuki GSX-R600 Engine Conversion Package 607-313	\$3,050.00

Already have our R6 Stock Conversion? Upgrade to greatly increase your system's reliability with resistance to nozzle sticking and failure. It will also improve low end torque. The performance flash tune includes with this upgrade will eliminate the need for a Power Commander. Just send us your ECU and we will flash it with our Performance Tune.

Upgrade for '08 and up Yamaha YZF-R6 Conversion

- Kit includes:
- 8 nozzles
 - 1 lower fuel rail
 - 2 upper stanchions
 - ECU Performance Flash Tune
 - 4 cones for top of the airbox
- 602-741-0 \$950.00

shop talk

fuel injection direct line

For diagnostics, service or dyno appointments, reach Brian Carber or Mike Dickey in Fuel Injection by dialing 717-220-4780.

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



600cc Fuel Injection Throttle Body Conversion

Send us your stock throttle bodies and factory airbox, and we will provide the following: (You supply everything else!)

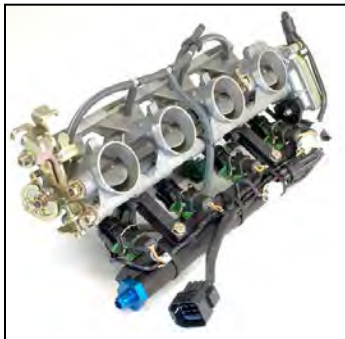
- Hyper Flat Filter Fuel Injection Conversion to alcohol
- RAM Flat Filter Airbox

Throttle Body Conversion for '08 and Up Yamaha YZF-R6 602-741	\$1,865.00
Throttle Body Conversion for '05-'06 Kawasaki ZX-6R 636 602-741-2	\$1,750.00
Throttle Body Conversion for '07 and Up Kawasaki ZX-6R 600 602-741-3	\$1,750.00
Throttle Body Conversion for '11 and Up Suzuki GSX-R600 and 750 602-741-5	\$1,750.00
Throttle Body Conversion for '08-'10 Suzuki GSX-R600 602-741-4	\$1,750.00



RAM Airbox Conversions feature 8 injector conversion and include a RAM Airbox. Great performance for the money!

'05-'06 Kawasaki ZX-6R 636 602-640	\$1,295.00
'06-'07 Suzuki GSX-R600 602-576	\$1,295.00
new '07 and up Honda RR Features oval filter system. 602-7072	\$1,895.00
'06-'07 Yamaha YZF-R6 602-740	\$1,725.00



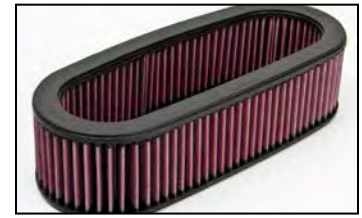
4-Injector Conversions do not include airbox.

'03-'04 Kawasaki ZX-6R 636 602-603 (NO AIRBOX)	\$750.00
'01-'03 Suzuki GSX-R600 602-600 (NO AIRBOX)	\$750.00
'04-'05 Suzuki GSX-R600 602-580 (NO AIRBOX)	\$750.00
'03-'05 Yamaha YZF-R6 602-601 (NO AIRBOX)	\$750.00
Honda CBR600 F4i 602-602 (NO AIRBOX)	\$750.00



Small Oval Airbox Kit includes K&N Filter, Outerwear and Scrub Bag.

Airbox Kit for '06-'10 Suzuki GSX-R600 Fuel Injection 602-608	\$295.00
Airbox Kit for '04-'05 Suzuki GSX-R600 Fuel Injection 602-610	\$325.00
Airbox Kit for '03-'05 Yamaha YZF-R6 Fuel Injection 602-625	\$299.00



K&N Filter for Small Oval and RAM Airbox
3.125" high, 12.875" long, 4.875" wide, open top.
600-515 \$68.00

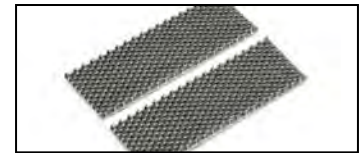


Foam Prefilter for 600-515 Small Oval Filter
Includes two 3" Velcro® strips.
600-5155 \$18.50



K&N Filter for Flat Filter Airbox is panel-shaped and measures 11" x 4.563" x 1.5".

K&N Flat Filter 600-5152	\$68.00
Outerwear for Flat Filter 600-520	\$31.10



Velcro® Strips for Foam Prefilter
600-5155-9 \$1.99



Foam Prefilter for Flat Filter
600-5153 \$11.50



Outerwear for Small Oval 8-injector Airbox
600-517 OPEN TOP \$19.95



K&N 1/2" Crankcase Breather
Fits 600-930.
88-010 \$27.50



Outerwear for Small Oval 4-injector Airbox
600-516 CLOSED TOP \$19.95

K&N 3/8" Crankcase Breather
88-009 \$26.50



Scrub Bag for Small Oval 4-Injector Airbox
88-209-BLACK \$18.95

CHASSIS
KITS
REAR END
FRONT END
PAN-ARD/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG INOUT
BUMPERS/
BODY
HARDWARE/
TABS/T
COOLING
FUEL
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

Ultrasonic Cleaner, Fluid and Pulse Tester provides the best way to clean your stainless steel fuel filters and your fuel injector nozzles at home. Blowing your filter elements out with carburetor cleaner and an air hose does not properly clean your elements.



Stainless Steel Ultrasonic Cleaner
80-675 \$59.50

Ultrasonic Cleaner Fluid Concentrate (8 oz.)
Cleans stainless steel fuel filter elements and electronic fuel injector nozzles. Use 8 oz. per gallon of water (7% solution).
80-676 \$10.95

Fuel Injection Pulse Tester pulses injectors during cleaning. Quad version pulses four nozzles at once.



Fuel Injector Quad Pulser
608-399 \$99.00



Fuel Injector Single Pulser
608-400 \$84.00



Noid Test Light
608-401 \$22.00



Methanol Purge Tank
Purge fuel system of methanol if not using for 2-3 weeks.
602-210 \$229.00



Bosch 42 lb/hr Nozzle
602-6051 \$77.00



Bosch Compact Nozzle 38 lb/hr
602-6056 \$114.00



Bosch 19 lb/hr Nozzle
602-6057 \$79.50



Siemens Short Nozzle 60 lb/hr
602-6058 \$73.00



Siemens Short Nozzle 42lb/hr
602-60582 \$73.00



Siemens Long Nozzle 60 lb/hr
602-60581 \$69.95



Delphi 42 lb/hr Nozzle
602-60599 \$95.00



Siemens Compact Nozzle 46 lb/hr
602-60591 \$75.06

Stainless Steel Injector Screens fit almost every injector made. Injectors come with plastic screens designed for gasoline. When used with alcohol, the plastic screen swells, restricting flow and leading to poor performance and damage. Replace plastic screens with 602-6049 stainless steel screens.



Stainless Steel Injector Screen
602-6049 \$5.95



Injector Connector, Bosch (each)
602-606 \$8.00



Injector Connector, Delphi (each)
602-6061 \$8.00



Injector O-Ring (4-pack)
Fits 602-6051, 602-6055, 602-6057, 602-6058, 602-5099.
602-607 \$2.95

Small Injector O-Ring (4-pack)
Fits 602-6056, 602-6059.
602-6071 \$3.80



'06-'18 R6 Intake Clamp,
600-970 \$8.95



'03-'06 Kawasaki 636 Intake Clamp Assembly (linked pair)
600-971 \$12.95

Nozzle Testing and Cleaning is performed daily at Hyper Racing with our two in-house fuel injector flow benches. These machines can pulse an injector at 10,000 rpms, while most machines can't go above 6,000. This is important in our application because we very rarely see below 10,000 rpms. Most companies flow match their nozzles either at wide open or 4,000 rpms. Nozzles perform a very differently at 10,000 than at 4,000 rpms. Of course in our micro/mini sprints the nozzles pulse to 16,000 RPM's or more.

Hyper Technicians recommend nozzles be ultrasonically cleaned then flow checked at 10,000 rpm's (duplicating corner exit) to insure that they are clean and matched for maximum performance.

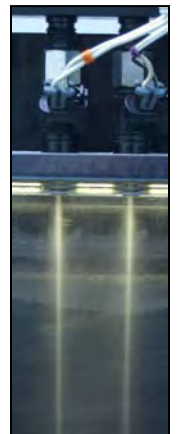


Injector Nozzle Clean and Flow Test Service (per nozzle)
602-604 \$12.00

Injector Nozzle Flow Test Service Only (per nozzle)
602-6041 \$6.00



Bosch Nozzle with optimal 10° spray pattern



Competitor's Nozzle

quality counts

fuel injector nozzle testing and diagnostics

- 1 CLEANING:**
Before being tested, the nozzles are placed in the ultrasonic tank for cleaning. They are pulsed electronically turning them on and off during cleaning. The cleaning process takes over 20 minutes. One or more testing/cleaning cycles will be performed depending on the results of the flow test.
- 2 NOZZLE SPRAY TEST:**
This test checks for correct spray pattern, shape, and fuel atomization. This directly correlates to horsepower. Real track conditions are simulated by cycling the nozzles from 0 to up to 20,000 rpm's at any duty cycle. Custom programs can be written to exactly duplicate a lap around the track.
- 3 FUEL DELIVERY VOLUME TEST:**
This test measures the precise quantity of fuel delivered to the engine. This enables us to flow rate, blueprint, and balance each nozzle, and provides us with the ability to give you a matched set of nozzles. Only some ASNU machines can test at any rpm. Nozzles are flow matched at 12,000 rpm's to duplicate corner exit. If you are sending your nozzles elsewhere, make sure you are getting this test optimized for race conditions.
- 4 DYNAMIC RESISTANCE TEST:**
Each injector coil is tested to make sure it is electrically sound.
- 5 STATIC PRESSURE TEST:**
Checks for leakage from the pintle (shaft) on the nozzle seat.

shop talk
nozzles only
Please remove and send just the nozzles for cleaning to avoid additional labor charges!

shop talk

nozzle cleaning alternative

Use 602-6045 Fuel Injector Pulse Tester to pulse the nozzles while back flushing them.

- Connect the pulser to a 12v battery and the injector and begin pulsing
- Use an air hose with a rubber tip pressed onto the outlet side of the nozzle to blow back through the nozzle while pulsing it.
- Spray injector cleaner, brake clean, or WD40 into the nozzle
- Use the air hose to blow backwards and then forwards several times to work out debris.
- Drip 77-007 Hyper Fuel System Lube or high quality air tool oil (no other oil will work) into the inlet side of the nozzle
- Pulse nozzle
- Use air hose to force the oil through the nozzle. If air tool oil is not used, the nozzle will stick and not pulse.



shop talk

protect your investment

Use the purge tank method to safely prepare your car for off season storage so that gasoline does not come into contact with your alcohol bladder. Using the incorrect type of fuel (even if just for flushing) will destroy the bladder.

shop talk

fuel injection system maintenance

Electronic fuel injection systems can function so perfectly that it is easy to forget about maintenance. Keep the fuel injection system functioning optimally with weekly maintenance and proper off-season storage. Because methanol evaporates quickly, do not leave it in the nozzles and fuel delivery system for extended periods of time. Make sure the system (fuel lines and fuel rail) is filled with methanol during the week. Oxygen is the enemy of a properly functioning fuel injection system. Do not allow oxygen (air) to get into the system. If the car will be raced on a weekly basis, the only necessary maintenance is to clean the fuel filters at least every six races. If the car has been recently painted, or is new, clean the fuel filters every week for three races. After cleaning the fuel filters, turn the pump on to circulate the methanol and remove air. Here is the best way to prepare the system if it is not going to be used for more than two to three weeks:

Storage-Purge Tank Method

- fill purge tank with gasoline and hang it from the back of the roll cage
- turn on the pump and reduce the fuel pressure to half of what is used with methanol (generally 25 psi), to keep the spark plugs from fouling
- turn the fuel off at the tank tail
- remove the fuel line attached to the shut off valve of the tank
- turn the fuel pump on for 4 seconds, this pumps most of the methanol out of the lines and into the tank
- attach the line from the bottom of the purge tank (feed line) to the line that was connected to the tank tail shut off valve (line going to pump)
- remove the return line at the top of the tank tail
- hook it up to the line from the top of the purge tank
- turn on both shut off valves of the purge tank
- start engine and let it run for several minutes
- leave the gas in the entire system until ready to race again

Race Preparation

- turn off lower shut off valve of purge tank (feed line)
 - turn pump on for 4 seconds, this pumps the gasoline from the lines into the purge tank
 - turn off upper shut off valve (return line) in purge tank
 - remove gasoline purge tank from roll cage and attach optional second purge tank filled with methanol, or attach both lines onto tank tail: second purge tank eliminates the possibility of gasoline from entering the tank tail
 - turn on shut off valve on tank tail
 - if using the second purge tank, attach lines, and turn on valves
 - turn on the pump and increase fuel pressure back to pressure used with methanol
 - if using the second purge tank, start engine, let run for several minutes, then shut off valves and attach lines back onto tank tail
- Gasoline is a petroleum product so it acts as a lubricant to preserve the engine, injector nozzles, pump, and the entire delivery system. It will also enable the components to last longer and stay corrosion free when the methanol evaporates.
- As always, when turning the engine off, turn the engine off first and then the pump. Or, preferably, hook the engine and pump up to the same switch. This insures the engine is not running with the pump off and eliminates a switch that could go bad. If the pump is turned off first, the nozzles will keep pulsing without pressure behind them and may allow air to get into the system. Whenever a liquid of any kind is in the nozzle and is allowed to evaporate (under the presence of air in the system) it will leave a fine residue behind. The injector nozzles are machined to such tight tolerances that this residue may lead to a stuck injector.

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



Our Experienced Master Tuners flash the factory ECU with the perfect tune!

- '03-'19 Yamaha 600 R6/R6R
- '05-'19 Kawasaki ZX636
- '04-'19 Yamaha R1 1000
- '04-'19 Kawasaki ZX10R
- '03-'19 Suzuki GSXR 600/750/1000
- '07-'19 Honda CBR600 RR

With this technology we can adjust ignition timing, fuel map (TPS and Pressure Table), idle speed (fly by wire systems), rev limit, velocity stack opening rpm, fly by wire settings, injector proportioning, and even import Power Commander maps so you do not need a Power Commander anymore.

With recent advances in ECU flashing technology as well as data logging of speed density and alpha N vs RPM capabilities, master tuners Mike Dicely and Brian Carber bring you the most advanced and best performing ECU performance tunes in the industry. Together they have logged countless hours tuning hundreds of engines, perfecting and dialing in the thousands of cells and variables. Their tunes have won hundreds of races in just 2018 and have received rave customer reviews.

These performance tunes are available for your advantage for all Hyper Racing injections as well as many other brands of injections including Guhl and Engler. To own one of our performance tunes, either send us your ECU or purchase one of our in stock ECU's. We will then flash the ECU with the tune. The cost for the initial flash is \$250.00. Many racers have had success just running our base maps of which we have many maps for specific engines, engine builders, and exhaust systems. If you are interested in the best possible tune for your unique engine and environment, our approach to perfecting our base maps include two possible road maps.

Dyno Tune:

A dyno tune at our shop with your engine either on your chassis or ship us your engine and we will tune it on our engine cart. If you purchased a flashed ECU from us, there is no extra charge beyond the dyno charge to tune through the ECU.

Data Tune:

Email your data (which must include O2) from your Hyper Data Tune Box, MyChron, or other data logging system. We will then evaluate your data, make the appropriate changes to your fuel map, re-flash your ECU with the new map, then ship the ECU back to you. If needed, we have an exchange system for the ECU's in order to cross ship and save time so you can race the next week. Typically we can dial in a base map in two data tunes. If you purchase a flashed ECU from us, we will provide two free data tunes.

After the initial flash, a simple change like an RPM increase is only \$25. If you like to tinker yourself, you can use a Power Commander 5 on top of our ECU flash. Read more about it at www.hyperracing.com.

ECU Performance Tune Initial Flash	
603-752	\$250.00
ECU Performance Data Tune	
603-753	\$60.00
ECU Performance Tune RPM Change	
603-754 (MUST HAVE PURCHASED INITIAL FLASH)	\$25.00



If you wish to have us tune your ECU from race track data, this is the best way to do it. With this log box, we can read and record the TPS, RPM, water temp, air temp, manifold pressure, and other data directly out of the ECU. This data can also be handy as a diagnostic tool.

Once we collect the data, we can run it through an Auto Tune algorithm which will suggest a modified fuel map based on your original Performance Tune and the recently logged data. It is an amazing system and the most accurate way to fully dial in your tune while on the track.

To find out more, contact Brian or Mike at the shop 717.220.4470 or email brian@hyperracing.com.

Hyper Data Tune Box (Specify Engine Type)

Includes: Hyper Data Tune Box, sub harness to connect the log box to your harness, oxygen sensor, and signal converter.

SPECIFY ENGINE **\$659.00**



Power Commander V features:

- -100/+250% fuel change range
- 10 throttle position columns
- Syncs with the Auto Tune Module for automatic tuning of the engine
- 2 position map switching function built in (map switch not included)
- Analog input (allows user to install any 0-5 volt sensor and build an adjustment table based on its input such as boost or temperature)

Power Commander V	
603-000 UNIVERSAL	\$345.00
603-010 '06 & UP R6	\$345.00

+ - CUSTOMIZE IT!

Add (4) injector connectors for alcohol nozzles to Power Commander V **\$36.00**



Power Commander AutoTune Module	
603-050	\$325.00
O2 Sensor for 603-050 PC Autotune	
603-550	\$139.00



3M™ Dual Lock™ Reclosable Fastener	
Positive locking, quick, easy and professional way to mount electronics. Self-adhesive 16" piece, enough for 8" of coverage.	
80-120	\$5.95

shop talk

fuel injection direct line

For diagnostics, service or dyno appointments, reach Brian Carber or Mike Dicely in Fuel Injection by dialing 717-220-4780.



Engine Dynamometer Services are a powerful aid in diagnosing engine problems.

With a session on the dyno, our Hyper Master Tuners can quickly diagnose a problem, such as a bad sensor, that could have taken weeks or months to identify out on the race track.

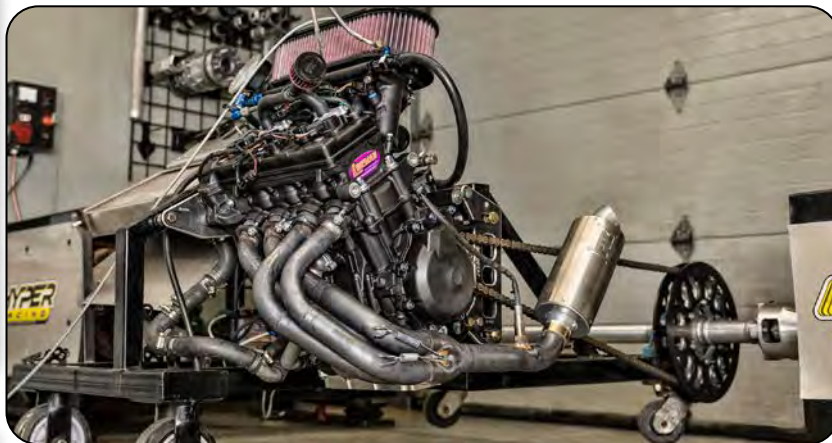
Find out how your engine compares to the competition. One pull on the dyno will reveal it all.

Generally, a custom fuel map for all throttle positions can be done in an hour. Engine Dyno Set-up Fee is charged when our technicians mount and unmount your engine on the engine stand. Set-up fee is not charged for chassis dyno.

Full Service Dynamometer First Hour (per hour)
55-100 **\$195.00**

Full Service Dynamometer Additional Hour (per hour)
55-101 **\$80.00**

Set Up Engine on Engine Cart
Labor to mount and unmount your on our engine stand.
55-101 **\$240.00**



shop talk

the hyper master tuners

- Hyper Master Tuners are experienced and trained. They are drivers themselves, so they understand the demands upon the micro sprint engine in the race environment.
- Mike Dicely or Brian Carber will tune your engine. The team has tuned over 1000 engines (and counting), so yours will pose no challenge.
- Almost all passing on the track occurs coming off the turn. When you get back on the throttle, the engine needs to hit hard. Hyper Master Tuners perfect your engine's fuel map at every throttle position and every tunable rpm. This gives you the hit when you need it. We will do at least 15 pulls to get your engine tuned correctly.

shop talk

your dyno experience

- Call the customer service team to reserve your appointment time. The dyno is open between 8:30 a.m. and 5:00 p.m. Monday-Friday.
- Check in for your appointment at the front counter.
- Unload your car and push it over to the garage bay.
- Stay and watch the dyno tune session through the glass in the dyno room.
- Take home a graph of your best run.

WE WORK WITH ALL MAJOR ENGINE BUILDERS. CALL FOR DETAILS!

shop talk

eddy current dyno

- Offers perfect control of the engine, allowing operator to create any type of run, including simulating laps on the track.
- No driver is needed in the car, the technician controls the throttle from the control center.
- No fumes! Car and dyno are in one room with ventilation system while observers and technician are in another.
- Our system utilizes the most advanced dyno tuning software from Land and Sea.



No more infrared beacons. The MyChron5 2T (2 temperature display) and MyChron 5 include internal GPS which provides lap times as well as speed, position on track (track mapping) and acceleration with precision and reliability that is unmatched.

Download data wirelessly using an easy and safe Wi-Fi connection: No more cables or Data Key.

The rechargeable lithium battery lasts more than ten hours. Charge it with a USB charger or hook it up to your car battery and race all day.

Choose optimal layout for your data: lap times, best lap, RPM, and track map. At the end of your session, automatically recall the three best lap times, max/min RPM, speed and temperature right on the screen.

To maximize readability of data, MyChron5 features a wide 268 x 128 pixel graphical display. The screen can be backlit in one of the seven colors. The incorporated light sensor makes brightness and contrast ideal in all light conditions.

MyChron5 is compatible with MyChron4 expansions and add-ons.

In the box: MyChron5 2T or MyChron 5, battery charger with cable, RPM wire, temperature sensor (or 2), CD Race Studio 3. Optic/magnetic receiver (if you don't want to use GPS).

- MyChron 5 2T (2 Temperature Display)**
604-099 \$599.00
- MyChron 5**
604-100 \$499.00



MYCHRON 5 DISPLAYS TOP 3 LAP TIMES WITH HIGH AND LOW RPM'S. EASY TO READ AND INSTANTLY AVAILABLE.



MyChron 4/5 Air/Fuel Sensor
Record and graph the air/fuel ratio while you race, then download to your lap top to view. Then make changes to your fuel map through the Power Commander software or send your data to Hyper's Master Tuners for an ECU Performance Tune.

- 604-103 \$380.00
- 02 Sensor for Mychron 604-103**
604-1031 \$99.50



MyChron 4/5 Exhaust Gas Temperature (EGT) Sensor
604-202 \$49.50



MyChron 4/5 Cylinder Head Temperature (CHT) Sensor
604-199 \$49.50



MyChron 4/5 MyChron Water Temperature Sensor
604-201 \$79.00



MyChron5 Battery
604-210 \$65.00



MyChron 4/5 Pressure Sensor
0-2000 psi. Fuel pressure cannot be displayed on the MyChron 5 screen. The data must be viewed on a laptop.
604-226 \$179.00



MyChron 4/5 EGT Extension Cable
604-203 \$39.00



MyChron 4/5 Water Temperature Patch Cable, PT-100
Connects temperature sensors to Mychron expansion box. This cable has a white PT-100 label. .
604-206 \$44.00

MyChron 4/5 Pressure Sensor Patch Cable
Connects pressure sensors and potentiometer sensors to the Mychron expansion box, 4-pin to 4-pin. This will not work for temperature sensors.
604-2061 \$44.00

MyChron 4/5 Direct Temperature Patch Cable
Connects temperature sensors directly into the back of the Mychron. 3-pin to 4-pin.
604-2062 \$44.00

shop talk

mychron reading rpm's
To acquire the RPM read out, simply solder or use a Posi-tap to connect the black RPM wire of the Mychron to the signal wire of the cylinder #1 ignition coil. The signal wire is the wire that is a different color on each coil. The Mychron 5 or 4 will not be able to read the low voltage rpm signal generated by the tach wire of the ECU.

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

MyChron Expanders add channels to your system for even more data. Analog channels can be used to record temperatures, pressures, and position sensors. The data channel can be used to add further expansions, Lambda, GPS, SmartyCam, or a Data Key.



MyChron 4/5 Channel Expansion Box
Adds 3 analog expansion channels and 1 data channel expander.
604-106 \$250.00



MyChron 4/5 Data Hub Expansion
Adds 4 data channels.
604-107 \$64.00



MyChron 4/5 Throttle Position Sensor, Non-Contact
604-105 \$119.00



MyChron 4/5 Direct Battery Cable
604-232 \$35.00



MyChron 2T Patch Cable 1TC + 1TR
604-235 \$55.00



1" Inline Coolant Fitting, for Oil Cooler and MyChron Water Temperature Sensor
Designed for engines that have an external oil cooler (includes the Yamaha and Suzuki 600cc) that needs to be T'd into the coolant line going from the head to the radiator. Inline fitting features 1" barbed ends, M10 x 1.00 port for the MyChron water temperature sensor 604-201 (not included) and a 1/2" NPT port used for the oil cooler line. Choose 1/2" or 3/8" barbed to 1/2" NPT fitting.

1/2" Hose	816-096	\$49.00
3/8" Hose	816-0961	\$41.00



1" Inline Coolant Fitting, for MyChron Water Temperature Sensor
Inline fitting features 1" barbed ends and M10 x 1.00 port to accept the MyChron water temperature sensor 604-201.
816-095 \$38.00



O-Ring for Mychron Fitting
604-2015 \$95



Posi-Tap Wire Connector
Use to connect one wire into another without splicing or soldering. Useful when connecting the Mychron 4 or 5 tach wire into the ignition coil signal wire.
608-190 \$2.75



QuickCar Digital Tachometer
This Quick Car Tachometer has high RPM recall and shift light. Gauge can be mounted in a 2 5/8" diameter hole with the bracket supplied. Basic features include:
• Single precise user-programmable shift light with adjustable brightness
• Digital RPM display
• Peak RPM recall
• Range 0-17,000 RPM
• Touch screen mode and select buttons for increased resistance to dirt and water.
To use on a Yamaha when using the signal wire from the ECU (yellow/black), a pull up resistor (80-435) is needed. This resistor will cross between the +12V terminal and the signal terminal on the back of the tachometer.
80-429 \$159.00



Acewell Digital Tachometer
Reads up to 20,000 rpm's. High rpm recall, programmable shift light, water temperature display with sensor, back lit.
80-432 \$159.00



MyChron Bracket
Q60-215 7/8" \$39.00
Q60-210 3/4" \$39.00



Tach Adapter
Adapts the Quick Car Digital Tach to plug into the U6SA connector on the engine harness.
608-900 \$15.00



U6SA Tach Connector with Tach Adapter
Connects U6SA connector to tach.
608-902 \$24.00



U6SA Tach Connector with Cap, Male, In Car
608-905 \$18.00



Cap for U6SA Tach Connector
608-901 \$8.00



R6 Pull Up Resistor for Tach
Use on the Quick Car Tachometer 80-429 to use with a Yamaha R6 ECU signal.
80-435 \$12.00

"This thing was unbelievable! We took it up to Hyper last week and got the chassis updated, put the new EVO Injection on it, and man, I'll tell you, that makes a heck of a difference!"

BOBBY BUTLER
BRIDGEPORT, NJ
(SPEEDWEEK VICTORY LANE)

CHASSIS
KITS
REAR END
FRONT END
PAN/ARM/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG INOUT
BUMPER/
BODY
HARDWARE/
TABS/T
COOLING
FUEL
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

Chassis Harnesses are a simple way to properly wire your chassis while eliminating wiring problems that can decrease horsepower. Choose 4- or 5-switch versions. Includes all environmentally sealed switches for the ignition, fan and/or pump, starter, and wing, along with HBS switch plate, fuel pump pigtail, fan harness, fan harness, battery cables, starter motor cable, chassis harness, wing motor harness, jumpers and instructions. Shown with optional 5-switch plate and one extra switch.



Deluxe Chassis Harness Assembly
608-010 **\$279.00**

+ - CUSTOMIZE IT!
Upgrade to HBS 5-switch plate and 1 additional switch **\$20.00**



Chassis Harness
608-020 **\$89.00**



Simple Chassis Harness Connector
Used on the chassis side of the main engine harness.
608-045 **\$18.00**



Electric Wing Adjuster Harness
Use short harness for single wing adjusters and long for dual adjusters.
608-050 **SHORT \$20.00**
608-055 **LONG \$21.00**



Main Engine Harness Connector
Connects engine harness to chassis harness.
608-040 **\$19.00**



Fuel Pump Harness
608-030 **\$21.00**



Fan Harness
608-032 **\$21.00**

Wiring Harness Conversion eliminates unnecessary wires. We can usually complete a wiring harness in 7-10 working days. Harnesses are completed on a first in, first out basis.

Note: If you are purchasing an '08 and Up Yamaha R6 harness, make sure the headlight harness is included. Sellers often don't include these. If you do not have them, we can provide for additional charge.



Basic Wiring Harness Conversion
600-449 **BASE PRICE, OPTIONS ARE ADDITIONAL \$240.00**

+ - CUSTOMIZE IT!

Injector connectors (4)	\$29.00
Injector connectors (8)	\$58.00
U6SA tach connector, installed	\$15.00
'08 & Up R6 barometric pressure sensor connector	\$13.72
'08 & Up R6 air temperature sensor connector	\$13.38

✂ WIRING HARNESS CONVERSION CHECKLIST

<input type="checkbox"/> Honda F2/3	<input type="checkbox"/> Kawasaki ZX-6R636	<input type="checkbox"/> Suzuki GSX-R750
<input type="checkbox"/> Honda CBR600RR	<input type="checkbox"/> Honda F4i/F4	<input type="checkbox"/> Kawasaki ZX-6R600
<input type="checkbox"/> Suzuki GSX-R600	<input type="checkbox"/> Yamaha YZF-R6	<input type="checkbox"/> Suzuki GSX-R1000

Include with harness:

Name _____
Phone number(s) _____
Shipping address _____

Payment method _____
Engine make/model/year _____

<input type="checkbox"/> alcohol	<input type="checkbox"/> gasoline
<input type="checkbox"/> fuel injection	<input type="checkbox"/> carburetors

Specify the following options (additional charge)

<input type="checkbox"/> injector connectors installed	<input type="checkbox"/> U6SA tach connector installed
<input type="checkbox"/> pressure sensor connector	<input type="checkbox"/> temperature sensor connector



Fuel Pump Pigtail
Put one of these on your fuel pump and on your spare pump to speed up pump change over.
608-031 **\$18.00**



Starter Relay with Harness
609-043 **\$49.00**



HBS Switch Panels include environmentally sealed switches to keep water and dirt out. Sealed switches meet military specifications.



HBS 5-Switch Panel

Includes plate and 5 sealed switches: wing, ignition, starter, fan, and accessory. For EFI, we highly recommend wiring the fuel pump to the ignition switch.

608-002 \$119.00



HBS 4-Switch Panel

Includes plate and 4 sealed switches: wing, ignition, starter, and fan. For EFI, we highly recommend wiring the fuel pump to ignition switch.

608-001 \$99.00



HBS 5-Switch Plate

608-006 \$15.40

HBS 4-Switch Plate

608-005 \$15.40

shop talk

switches with fuel injection

If running an electronic fuel injection system, we highly recommend wiring the fuel pump to the ignition switch to eliminate the chance of air getting into the nozzles if the pump is shut off before the engine.



Sealed Ignition Switch

600-33101 \$19.50

Sealed Starter Switch, Momentary Contact

600-340 \$27.50



Sealed Switch for Electric Wing Adjuster

30-215 \$28.00

Tanner Switch Panel is pre-wired and tested. All switches and starter buttons use silver plated contacts and sealed levers.



Tanner Standard Switch Panel with One Accessory

600-30510 \$51.00



Tanner Ignition Switch

600-33100 \$17.25



Tanner Starter Button

600-33150 \$14.80



Tanner Switch Panel Light

600-32199 \$11.50



BATTERY CABLES

Positive Cable 12"	608-100	\$7.90
Positive Cable 18"	608-101	\$7.90
Positive Cable 24"	608-102	\$7.90
Positive Cable 30"	608-103	\$7.90
Negative Cable 12"	608-110	\$7.90
Negative Cable 18"	608-111	\$7.90
Negative Cable 24"	608-112	\$7.90
Negative Cable 30"	608-113	\$7.90



'05-'06 Kawasaki TPS Sensor
609-132 \$180.73



Spacer for Kawasaki & '06-'14 Suzuki GSXR TPS Sensor
608-307 \$3.95



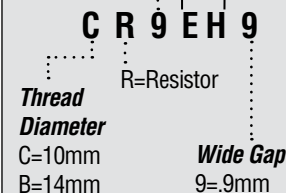
CR9EH9 (F2/3/4)	826-105	\$9.95
CR9EK (ZX-6R, R6, GSX-R)	826-108	\$8.75
CR10EK (ZX-6R, R6, GSX-R)	826-107	\$8.75

know the code

spark plugs

Use a colder plug in an engine that runs hot. If you have problems fouling plugs, try a hotter plug.

Heat Rating	Thread Reach
2-10 hot cold	E=19mm EH=Partial Thread
	Firing End
	K=2 Ground Electrodes



Thermostat Housings & Water Pump Covers

are designed to work perfectly with our HBS -12 fittings and hose.

FITTINGS AND HOSE: PAGE 124!



-12AN, '06 & Up Yamaha R6 Water Pump Cover
816-1121 \$115.00



-12AN, '06 & Up Suzuki GSXR Water Pump Cover
816-1123 \$115.00



-12AN, '06 & Up Suzuki GSXR Thermostat Housing
816-1113 \$105.00



-12AN, '07 and Up Kawasaki ZX6R Water Pump Cover
816-1127 \$115.00



-12AN, '03 & Up Kawasaki ZX6R Thermostat Housing
816-1116 \$105.00



-12AN, '03-'06 Kawasaki ZX6R Water Pump Cover
816-1125 \$115.00

Billet Oil Pans increase oil volume. Machined from billet aluminum for durability. Includes pick up, bolts, and spacer if needed.



Billet Oil Pan for '06 and up Suzuki GSX-R
556-0076 \$425.00



Billet Oil Pan for '05-'06 Kawasaki ZX-6R 636
63 oz. capacity.
556-0097 \$485.00



Billet Oil Pan for '06 & up Yamaha YZF-R6
Uses your modified stock oil pick up. 66 oz. capacity.
556-0105 \$425.00



Billet Oil Pan for '07-'13 Kawasaki ZX-6R 636
556-0098 \$465.00

Antigravity 8-Cell Lithium Battery weighs 1.5 pounds compared to Deka 9 amp battery at 7.2 pounds.



Antigravity 8-Cell Lithium Battery
600-723 \$171.00



Antigravity 16-Cell Lithium Battery
600-724 \$269.00

Battery Tray for Antigravity Battery includes strap.



Battery Tray, Antigravity 8-Cell
600-726 \$59.50



Battery Tray, Antigravity 16-Cell
600-727 \$69.00



Battery Tray Strap for AntiGravity
600-728 \$14.50



Charger for Antigravity Battery, .8 Amp
600-725 \$69.00



Deka Battery
600-720 9 AMP \$89.00
600-721 14 AMP \$104.00



Box for 9 or 14 Amp Deka Battery
146-6051 \$39.00

Restrictor Plate is billet aluminum and anodized with 3/4" restrictor hole. Includes o-rings.



600CC RESTRICTOR PLATES

Yamaha '06 & up YZF-R6 (black)	
606-200	\$60.00
Yamaha '03-'05 YZF-R6/R6S (silver and black)	
606-201	\$60.00
Yamaha '99-'02 YZF-R6 (silver)	
606-202	\$60.00
Suzuki '06 and up GSX-R600	
606-205	\$60.00
Kawasaki '05-'06 ZX-6R 600	
606-210	\$68.00



'99-05 R6 Starter Motor, Used
600-905 \$125.00



R6 Starter Motor Plate
Adapts '99-'05 R6 starter motor to the '05-'06 Kawasaki 636.
600-900 \$21.00

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPERS/BODY
HARDWARE/TABS/TI
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE

Case Savers offer greater protection than the stock cover.



Case Saver for GSXR, '06 & Up
Complete assembly includes all the factory actuating parts, shell, and guard, fully assembled.
636-492 **COMPLETE** \$289.00
636-490 **GUARD** \$105.00
636-491 **SHELL** \$190.00



Case Saver for Suzuki GSX-R
For use with stock cover.
636-495 '06 & UP \$42.50



Case Saver for Kawasaki ZX-6R
636-515 '07 & UP \$74.00



Case Saver for Kawasaki ZX-6R
636-500 '03-'06 \$45.00



Case Saver for Yamaha R6
636-510 '06 & UP \$45.00



Case Saver for Yamaha R6
636-505 '99-'05 \$69.50



Case Saver for Honda RR
636-516 '07 & UP \$59.50



AutoMeter In-Dash Coolant Temperature Gauge for 600cc
1/2" NPT fitting. Liquid filled.
816-102 \$149.00



Ultra Nite AutoMeter In-Dash Coolant Temp Gauge for 600cc
1/2" NPT fitting.
816-1021 \$152.27



1/2" NPT Adapter for 816-102
816-205 \$14.95



In-line Adapter Fitting for 816-102
1" barb outlets, 1/2" NPT crosshole.
816-100 \$38.00



Shifter Arm, Honda F2/3, Yamaha YZF-R6, and Kawasaki ZX-6R 636, Yamaha R1 600-730 \$65.56
Shifter Arm, Suzuki GSX-R600 600-731 56.50



Clutch Perch and Lever 600-8501 \$39.00



Billet Clutch Handle, Short
Use perch from 600-8501.
600-8505 \$23.25



Honda Clutch Cable 600-750 \$24.00

Suzuki GSX-R600 Clutch Cable 600-765 '06-'09 \$56.00

600-760 '01-'05 \$19.50

Yamaha YZF-R6 Clutch Cable 600-770 \$49.99

Kawasaki Clutch Cable 600-780 '05-'06 \$25.50

600-781 '07 & UP \$25.50



Clutch Bracket for '08 and Up Yamaha R6 600-790 \$16.98

Clutch Bracket for '03-'06 Kawasaki 600-789 \$25.50



K&N 1/2" Crankcase Breather Fits 600-930.

88-010 \$27.50

K&N 3/8" Crankcase Breather 88-009 \$26.50



Breather with Catch Can 600-930 \$119.00



K&N 1/2" Female Breather Fits 1/2" tube. Includes hose clamp. 88-008 \$11.95



OIL COOLER ADAPTERS
'99 & Up R6 600-9191 \$149.00
'05-'06 ZX-6R 600-9192 \$149.00
'07 & Up ZX-6R 600-9193 \$149.00
'07 & Up GSXR 600-9194 \$149.00



K&N Oil Filter
Fits all engines listed below.
600-719 \$14.95

Honda Oil Filter 600-700 \$15.95

'97 & up Suzuki GSX-R600 Oil Filter 600-710 \$24.50

'99 & up Yamaha YZF-R6 Oil Filter 600-713 \$19.95

'03 & up Kawasaki ZX-6R Oil Filter 600-715 \$14.95

CHASSIS
KITS
REAR END
FRONT END
PAN-ARM/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG MOUNT
BUMPER/
BODY
HARDWARE/
TABS/T
COOLING
FUEL
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

R&D by the Hyper Racing Experts!

Beyea Custom Headers knows how to customize your power curve to create a broader range of power, with more than 15 years in the header fabrication business. Each exhaust set up has been tried and tested. Includes oxygen sensor bung. Muffler (600-4969 or 600-4968), clamp and springs sold separately.



new

Muffler, clamp and springs sold separately.

2020 BEYEA STAINLESS 4-2-1 EXHAUST SYSTEMS		
2020 Beyea/Kawasaki '03-'06 ZX-6R 636, Stainless	600-4960	\$699.00
2020 Beyea/Yamaha '99 & up YZF-R6, Suzuki GSX-R600 & GSX-R750, '03 & up Honda CBR600RR, Stainless	600-4961	\$699.00



Hyper Straightline Muffler, Stainless Steel, 1 1/4" I.D.
600-4969 **\$215.00**



Hyper Straightline Muffler, 1 1/4" I.D., Black
600-4968 **\$128.00**



Pipe Spring Puller
60-200 **\$15.10**



Muffler Plug
600-4941 **BLACK \$6.97**
600-4942 **RED \$6.97**

FTZ Exhaust Systems features step header type primary tube with hand built merge collector. This design makes more power coming off the turn and at the end of the straightaways. Includes headers, oxygen sensor bung, lightweight silencer, clamp and springs.



FTZ 4-2-1 EXHAUST SYSTEMS		
Kawasaki '03-'06 ZX-6R 636	600-5045	\$585.00
Kawasaki '07 and up ZX-6R 600 & 636	600-5041	\$585.00
Honda F2/3	600-503	\$585.00
Suzuki '06 and up GSX-R600 & GSX-R750	600-5046	\$585.00
Yamaha '06 & up YZF-R6, Honda '03 & up CBR600RR	600-50475	\$585.00
Yamaha '99-'05 YZF-R6	600-5047	\$585.00



FTZ Silencer, 1 1/4" I.D.
Stainless steel wrap.
600-50965 **\$289.00**



FTZ 4-2-1 Collector with Oxygen Sensor Bung
600-5063 **\$229.00**



FTZ 600cc Pipe Springs (each)
600-5052 **\$6.95**



Weld-in Oxygen Sensor Bung
603-800 **\$9.95**
Plug for Oxygen Sensor Bung
603-805 **\$11.50**



Silencer Packing
60-079 16" x 11" **\$19.95**
60-078 8" x 11" **\$11.95**



Exhaust Stud Nut for Yamaha and Kawasaki (each)
61-111 **\$2.25**



Exhaust Gasket
600-506 **SUZUKI \$11.50**
600-508 **HONDA \$6.85**
600-507 **KAWASAKI \$7.60**
600-5075 **YAMAHA \$10.60**

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPERS/BODY
HARDWARE/TABS/TT
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



Pipe Mount Kit, for 600cc
Bolts to engine plate. Specify stand off length: 3 3/4", 5", 6", or 7".
60-5061 SPECIFY LENGTH \$46.00



Pipe Mount Stand Off measures 5/8" O.D., 3/8"-24 right hand threads.

Stand Off for Pipe Mount

60-528	3 3/4" LENGTH	\$9.50
60-529	5" LENGTH	\$9.50
60-530	6" LENGTH	\$9.50
60-531	7" LENGTH	\$9.50



Steel Pipe Cradle for 2 1/2"-4" Diameters
60-510 \$17.50



Steel Arm for Nerf Bar Clamp
60-503 \$5.25



Clamp for Nerf Bar

60-500	3/4" NERF BAR	\$19.50
60-501	7/8" NERF BAR	\$19.50
60-502	1" NERF BAR	\$19.50



3/16" x 1/4" Steel Mandrel Pop Rivet
15-350 10 PACK \$2.75

Keihin FCR Carburetor parts are available for your convenience.



Keihin FCR/PWK Main Jets are available every .001" from .089"-.134".



Keihin FCR/PWK Main Jet
56-SPECIFY JET SIZE \$7.00



Keihin FCR Pilot Jet (each)

600-10049	#80	\$6.95
600-1005	#85	\$6.95
600-10051	#90	\$6.95
600-10052	#95	\$6.95



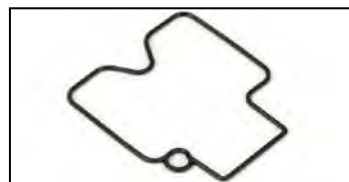
Keihin FCR Main Jet Nozzle (each)
600-1004 \$19.95



Keihin FCR Valve Seat

600-1022	2.0	\$7.50
600-1024	2.40	\$7.50
600-1025	2.60	\$7.50

Keihin FCR O-Ring for Valve Seat
600-1021 \$2.95



Keihin FCR Float Bowl Gasket (each)
600-1008 \$17.00

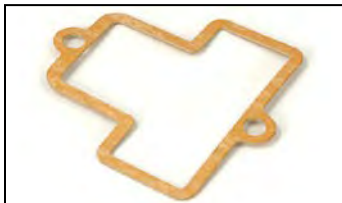


Keihin FCR Float (each)
600-1009 \$17.00



Keihin FCR Drain Bolt
600-1010 \$28.25

Keihin FCR Drain Bolt O-Ring
600-1011 \$2.25



Top Cover Gasket for Keihin FCR 33mm
600-1014 \$5.95

Top Cover Gasket for Keihin FCR 35 and 37mm
600-10145 \$5.95



Keihin FCR Arm Pin Screw (each)
600-1012 \$1.50



Keihin FCR Float Valve (each)
600-1006 \$9.95

Keihin FCR Float Valve Clip (each)
600-1007 \$4.50



Main Jet Wrench
50-501 \$7.80



Keihin FCR Accelerator Pump Diaphragm
600-1016 \$21.50

Keihin FCR Accelerator Pump Spring
600-1019 \$3.50



FCR Accelerator Pump O-Ring
600-1017 \$2.00

FCR Accelerator Pump U-Ring
600-1018 \$2.00



FBK Needle for Keihin FCR 35-41mm (each)
600-10015 \$12.50



Keihin FCR Clip for Needles (each)
600-1003 \$1.50



K&N Air Filter RU-1770, 6" 2 1/16" I.D., 20° angle, 3 3/4" diameter, 6" long.
88-000 \$48.00



Outerwears for RU-1770, RU-0620
88-200-BLACK \$12.95

Outerwears for RU-1760, RU-0210, RU-0610, RU-0410
88-204-BLACK \$12.95



Pistons include circlips, rings and wrist pin.



2-STROKE PISTONS & RINGS

DBY 68.0mm Piston (flat) 59-636	\$125.00
Rings for 68.0mm 6-2677CD	\$37.00
DBY Forged Piston for Honda CR250 Stock Bore 76mm & 77.5mm Stroker 59-634	\$115.00
Rings: 614PS, 667PS, 702PS, 728PS 6-2614CD	\$37.00
Ring: 595PS, 676PS or 641PS 6-2126CS	\$15.00
Rings: 614PS, 667PS, 702PS, 728PS or DBY 59-634 59-6355	\$39.00



Maxima Castor 927 High Performance 2-Cycle Oil, 16 oz.
77-155 \$19.95

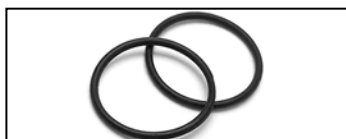


DBY CR250 Cool Head Kits include: billet aluminum head with dome, head o-rings, nuts, and washers. **DBY Cool Head Domes** include dome and dome o-rings.

DBY '92-'01 CR250 Cool Head Kit
59-540 \$199.00

DBY COOL HEAD DOMES

581-74ST	\$67.00
581-76ST	\$67.00



Dome O-Ring (each)
59-599 \$1.00



Klotz Flex Drive 30, 32 oz.
77-200 \$15.95



24-7 support

Get 24-7 access to set-up notes, assembly manuals, and tech information at www.hyperracing.com.

DBY CR250 Cylinder Kits include: ported cylinder, base gasket, spacer plate, cylinder studs and power valve.



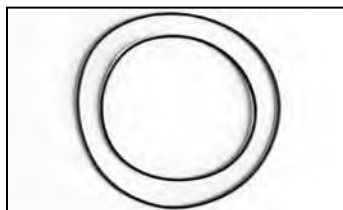
DBY 77.5mm Stroker Cylinder Kit
59-128 \$925.00

DBY 68mm Big Bore Stroker Cylinder Kit
59-151 \$1,175.00

DBY 76mm Stroker Cylinder Kit
59-129 \$925.00



Cylinder Head Acorn Nuts & Washers (6 each)
61-1001 \$54.00



Cylinder Head O-Rings
61-1000 \$8.00

BR9 ES is our choice for a methanol burning 2-stroke engine. Use a colder plug (10) in an engine that runs hot or a hotter plug (9) if you have problems fouling plugs. '97 and newer Honda ignitions require the use of a resistor plug to guard against electrical interference.



NGK SPARK PLUGS FOR 250CC

BR9 ES	82-1115	\$3.25
Box of BR9 ES (10)	82-1116	\$28.00
BR10ES	82-1145	\$3.75



Spark Plug Gap Gauge
.020-.080".
82-202 \$9.95



Taylor USA Spark Plug Wire Set
Quality silicone boot with 24" wire.
82-201 \$19.95



know the code

Heat Rating	Standard
2-10 hot cold	3/4" Thread Reach (2.5mm) Center Electrode

BR9ES

.....R=Resistor

Thread Diameter
C=10mm
B=14mm



shop talk

freshen up

For best performance, change your piston every 3-6 races and replace the rings every 3 races. Rebuild your fuel pump every 5 races.



**WANT MORE?
VISIT
HYPERRACING.COM
FOR MORE
PRODUCTS!**

DBY Alcohol Ready Carburetors provide the correct ratio of air to fuel at all throttle positions. 40.5 Big bell and bore design provides better air flow over stock PWK Carburetor. Includes: Keihin PWK Big Bell Carburetor with titanium needle, jet set and jet board.



DBY 40.5mm Big Bell Deluxe Carburetor Kit
59-660 \$459.00



Jet Board with Keihin Jet Set
8 main jets and board.
59-675 \$65.00

Jet Board for Keihin
59-676 \$24.00



Keihin PWK Float Bowl
54-101 \$65.00



Keihin PWK Float Bowl Gasket
54-102 \$6.55

Keihin FCR/PWK Main Jets are available every .001" from .089"-.134".



Keihin FCR/PWK Main Jet
56-SPECIFY SIZE \$7.00



Keihin PWK Bowl Plug Screw
54-103 \$8.20

Keihin PWK Bowl Plug O-Ring
54-104 \$1.75



Keihin PWK Pilot Jet
55-035 #35 \$5.95

55-040 #40 \$5.95

55-045 #45 \$5.95



Titanium Needles are corrosion resistant and strong. Listed from rich to lean.

244 Titanium Needle
59-678 \$36.00

245 Titanium Needle
59-679 \$36.00



Keihin PWK Jet Needle Clip
54-107 \$2.95



Keihin PWK Float
54-100 \$17.95



Keihin PWK Float Valve
54-105 \$16.95

Keihin PWK Float Valve Clip
54-115 \$4.50



Keihin PWK Cable Holder
54-109 \$9.90



Keihin PWK Throttle Valve Spring
54-114 \$7.65



Keihin PWK Float Bowl Screw
54-116 \$1.20



Overflow Hose (per foot)
54-099 \$2.45

Keihin PWK Hose Clip
54-118 \$1.25



Anchor Plate
54-106 \$6.85



Keihin PWK Throttle Valve
54-108 \$66.00



Keihin PWK Top
54-110 \$12.82

Keihin PWK Top Gasket
54-111 \$8.90



Keihin PWK Spring for Air Screw
54-113 \$3.25

Keihin PWK Air Screw
54-112 \$6.10



Keihin PWK Float Pin
Also fits Mikuni carburetors.
54-117 \$3.40



Keihin PWK Nylon Collar
54-123 \$7.75



Keihin PWK Cable Adjuster
54-119 \$2.95

Keihin PWK Cable Adjuster Nut
54-120 \$1.50



Keihin PWK Idle Adjuster
54-121 \$6.75

Keihin PWK Idle Adjuster Spring
54-122 \$3.25



Main Jet Wrench
50-501 \$7.80



Mikuni Power Jet Kit is used on Keihin carburetors.

Mikuni Power Jet Kit
50-160 \$34.00



Mikuni Power Jets: available from .042" to .085".

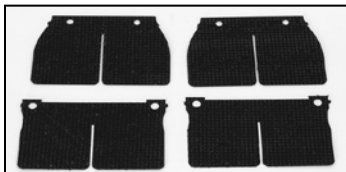
Mikuni Power Jet (specify size)
50-1615 \$7.00

CHASSIS
KITS
REAR END
FRONT END
PAN-ARD/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG MOUNT
BUNNERS/
BODY
HARDWARE/
TABS/T
COOLING
FILE/
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

V-Force Reed Block fits '88-'01 CR250. Reeds are long lasting carbon fiber.



V-Force 3 Reed Block
Fits '88-'01 CR250.
59-7509 \$169.00



V-Force 3 Reeds (4)
59-75091 \$69.00

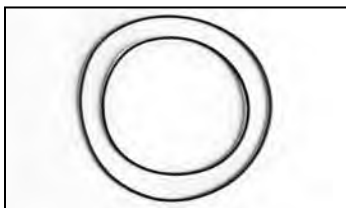
V-Force 2 Reeds (4)
59-75081 \$69.00



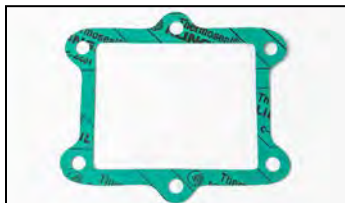
Lightweight Clutch Hub
59-850 \$110.00



Dome O-Ring (each)
59-599 \$1.00



Cylinder Head O-Rings
61-1000 \$8.00



Reed Gasket (each)
59-910 \$2.75



Base Gasket for '92-'01 CR250 (each)
59-930 \$4.95



Pro-X Rod, 76mm or 77.5mm
130mm long. Note: included thrust washers are too thick for CR250. Use (2) Honda Washers, 61-121, sold separately. Remove some of the material from the connecting rod to clear the case.
61-134 \$88.00

Pro-X Rod, 74mm
61-1355 \$108.00

Honda Connecting Rod Thrust Washer (each)
61-121 \$12.95



Honda Push Button Kill Switch
61-123 29.00



Honda CR250 '86-'01 Straight Intake Boot
61-141 \$99.00



Honda Intake Clamp
61-129 \$15.95



CR250 Sprocket Bolt
61-131 \$6.95



CR250 Sprocket Washer
61-130 \$9.95



CR250 Drain Plug
61-127 \$6.80

shop talk enlightenment

Read Mike Dically's very popular dirt track theory article "Rethink Dirt" at www.hyperracing.com.



IT'S ALL HANDS ON DECK TO GET ALL THE ORDERS OUT!



NUTS, STUDS & DOWELS

Honda CR250 Cylinder Base Stud	61-109	\$6.35
Honda CR250 Cylinder Base Nut	61-110	\$2.95
Honda CR250 '86-'96 Head Stud	61-1095	\$7.95
Cylinder Head Acorn Nuts and Copper Washers (6 each)	61-1001	\$54.00
Honda CR250 Cylinder Head Acorn Nut	61-112	\$7.50
Honda CR250 Cylinder Head Nut	61-111	\$2.25
Copper Washer for Acorn Nut	61-1125	\$3.95
Honda CR250 Cylinder Dowel	61-113	\$2.75
Suzuki RM250 Cylinder Studs (for CR250 with o-ring groove)	62-100	\$4.50

BEARINGS & TRANSMISSION

Honda CR250 Top End Bearing	61-128	\$16.95
Honda CR250 Main Crank Bearing	61-108	\$38.00
Honda CR250 Large Counter Shaft Transmission Bearing	61-190	\$14.50
Honda CR250 Small Counter Shaft Transmission Bearing	61-191	\$12.50
Honda CR250 Transmission Shaft Snap Ring	61-195	\$5.85
Honda CR250 Large Main Shaft Transmission Bearing	61-192	\$21.50
Honda CR250 '84-'01 4th Gear Main Shaft	61-171	\$75.00
Honda CR250 '89-'01 5th Gear Main Shaft	61-173	\$89.00



Sealed Ignition Switch
600-33101 \$19.50



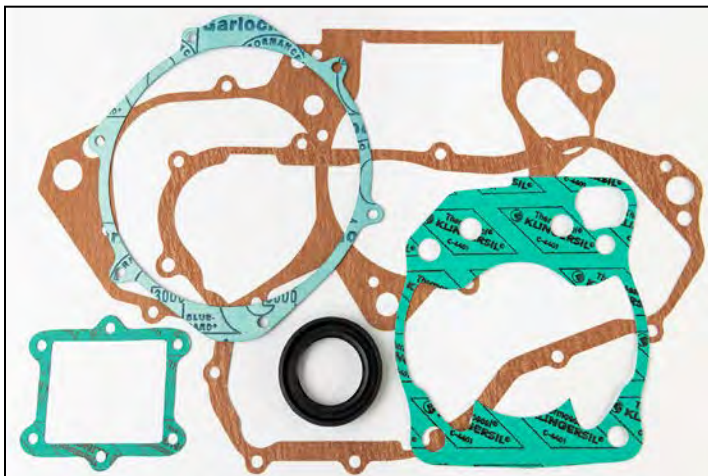
Maxima Castor 927 High Performance 2-Cycle Oil
Blend of refined castor oil, synthetic and additives. Reduces carbon and gum formation. Provides excellent rust and corrosion protection. Keeps power valves cleaner and working properly. Holds up to high temps.
77-155 16 OZ \$19.95



DBY Magneto Cover
Includes gasket and bolts.
59-840 \$58.00
Gasket for Magneto Cover
59-900 \$6.25

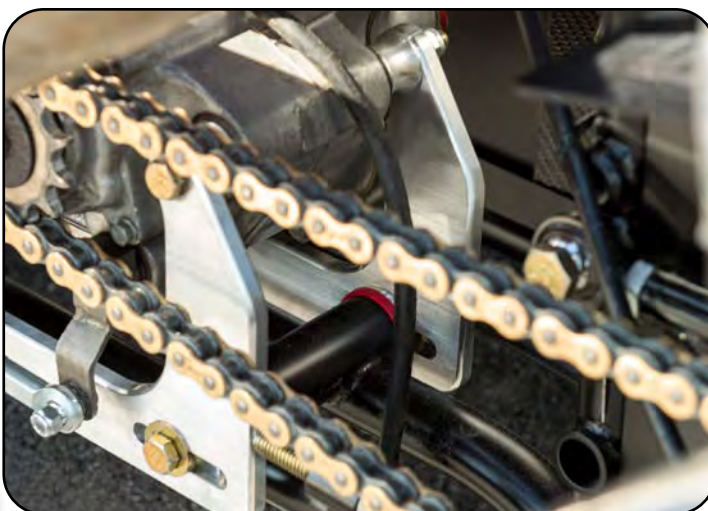
shop talk

freshen up
For best performance, change your piston every 3-6 races and replace the rings every 3 races. Rebuild your fuel pump every 5 races.



GASKETS, SEALS & FORKS

Base Gasket for '92-'01 CR250 (each)	59-930	\$4.95
Honda '92-'01 Base Gasket	61-104	\$21.00
Reed Gasket (each)	59-910	\$2.75
Honda CR250 '92-'01 Head Gasket	61-102	\$25.75
Honda CR250 '86-'91 Head Gasket, Thick	61-101	\$25.75
Honda CR250 '86-'01 Right Crank Seal	61-105	\$17.95
Honda CR250 '92-'01 Left Crank Seal	61-107	\$12.95
Honda CR250 '92-'01 Center Case Half Gasket	61-115	\$20.30
Honda CR250 '92-'01 Right Side Case Half Gasket	61-116	\$21.90
Honda CR250 '92-'01 Power Valve Cover Gasket	61-1265	\$6.85
Honda CR250 Center Shift Fork	61-220	\$51.00
Honda CR250 Right Shift Fork	61-221	\$59.00
Honda CR250 Left Shift Fork	61-223	\$54.00



270CC ENGINE MOUNTED ON THE X7 HYPER CHASSIS



Champion Chain Lube, 14 oz.
74-095 \$9.75



40 Below
77-905 32 OZ \$26.80



CHASSIS
KITS
REAR END
FRONT END
PAN/AXLE/
W-LINK
SPROCKETS/
CHAIN
STEERING/
RODS/ENDS
TIRES/
WHEELS
BRAKES/
THROTTLE
SHIFTER
SHOCKS/
TORSION
SEATS/
BELTS
WING/
ENG MOUNT
BUNNERS/
BODY
HARDWARE/
TABS/T
COOLING
FUEL
DELIVERY
INJECTION/
600 ENGINE
270 ENGINE

CHASSIS KITS
REAR END
FRONT END
PANHARD/W-LINK
SPROCKETS/CHAIN
STEERING/RODS/ENDS
TIRES/WHEELS
BRAKES/THROTTLE
SHIFTER
SHOCKS/TORSION
SEATS/BELTS
WING/ENG MOUNT
BUMPER/BODY
HARDWARE/TABS/TT
COOLING
FUEL DELIVERY
INJECTION/600 ENGINE
270 ENGINE



DBY Alcohol Ready Fuel Pump, 5/16" Fittings
Billet aluminum, anodized for corrosion resistance.
43-152 \$95.00

Fuel Pump Rebuild Kit fits the stock Mikuni DF-52 round pulse fuel pump or the higher volume DBY Billet Fuel Pump.



Mikuni Fuel Pump Rebuild Kit
43-155 \$19.50



HBS Fuel Filter, 6AN/120 Micron
6 AN inlet/outlet, 120 micron element. Ultrasonic clean only!
88-160 \$79.00



120 Micron Element for 88-160
88-161 \$49.00



Outer O-Ring for Fuel Filter
88-162 \$.90

Inner O-Ring for Fuel Filter
88-163 \$.90



HBS Fuel Filter with Shut Off Valve
88-184 -6AN \$149.00

HBS FILTER ELEMENTS & O-RING

Pleated Element for HBS Filter 88-182 88-181 \$50.00
O-Ring for HBS Fuel Filter End Cap 88-187 \$.75



Fuel Shut Off Valve with 6AN Aluminum Fitting
42-160 \$21.50



Fuel Shut Off Valve 5/16" Fittings
42-161 \$19.95

Fuel Shut Off Valve 3/8" Fittings
42-162 \$19.95



K&N Air Filter Cleaner, 32 oz.
77-507 \$13.95

K&N Air Filter Oil Spray, 12 oz.
77-506 \$10.75

Super Stock Hose is high quality synthetic rubber premium racing hose. It is reinforced by a full coverage interior braided fabric sheath, withstands 250 max psi, and is easy to cut and assemble.



3/8" I.D. (-6) Super Stock Hose
41-791006-1 PER FOOT \$5.95
41-791006-1 10' OR MORE \$4.50



1/4" Polybraided (per foot)
42-148 \$1.65
5/16" Polybraided (per foot)
42-1495 \$1.75
3/8" Polybraided (per foot)
42-150 \$1.95



Super Stock 6AN to 3/8" (-6) Straight Fitting
41-700167 \$7.45

Super Stock 8AN to 1/2" (-8) Straight Fitting
41-700109 \$8.95



Super Stock 6AN to 3/8" (-6) Elbow
41-709167 \$17.50

Super Stock 8AN to 1/2" (-8) Elbow
41-709109 \$19.95



Hyper Fuel System Lube by Champion, 4 oz.
Clean and service, fuel pumps, fuel filters, fuel lines.
77-007 \$3.95



K&N Air Filter RU-1770, 6" 27/16" I.D., 20° angle, 33/4" diameter, 6" long. Fits non-big bell Keihin PWK carburetors.
88-000 \$48.00



K&N Air Filter RB-0910
2 1/4" I.D., 10° angle, 4 1/2" diameter, 5" long. Fits Keihin PWK Big Bell carburetor.
88-015 \$46.00



Outerwears for RU-1770
88-200-BLAC BLACK \$12.95
Outerwears for RU-1760
88-204-BLAC BLACK \$12.95
Outerwears for RB 0910
88-020 BLACK \$13.50

shop talk
outerwears pre-filters
Outerwears Pre-Filters are a filter wrap made from durable polyester. Pre-filters stop dirt particles as small as .005" diameter yet add less than 10% restriction to the air flow

24-7 support
Get 24-7 access to set-up notes, assembly manuals, and tech information at www.hyperracing.com.





Deluxe Pipe Mount Kit, Rear Half
Includes cradle, nerf bar clamp, hardware and hose clamps.

- 60-527 3/4" NERF \$59.00**
- 60-5272 7/8" NERF \$59.00**
- 60-5274 1" NERF \$59.00**



Deluxe Pipe Mount Kit, Front Half
Includes cradle, stand off, rod end, hardware and 2 springs.

- 60-526 \$59.00**



Clamp for Nerf Bar

- 60-500 3/4" NERF BAR \$19.50**
- 60-501 7/8" NERF BAR \$19.50**
- 60-502 1" NERF BAR \$19.50**



Long Spring for Pipe Cradle
15-320 EACH \$4.95



Set-Up Blocks (set, as shown)
80-600 \$79.50

Pipe Cradle can be used with nerf bar clamp or stand-off.



Steel Pipe Cradle for 2 1/2"-4" Diameters
60-510 \$17.50



Steel Arm for Nerf Bar Clamp
60-503 \$5.25



Stand Off for Pipe Mount
60-528 3-3/4" LENGTH \$9.50
60-529 5" LENGTH \$9.50
60-530 6" LENGTH \$9.50
60-531 7" LENGTH \$9.50



Hose Clamp 5 5/8"-8 1/2" (each)
15-311 \$4.55



Silencer Packing
60-079 16" x 11" \$19.95
60-078 8" x 11" \$11.95



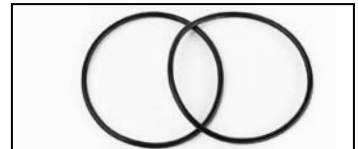
3/16" x 1/4" Steel Mandrel Pop Rivets (10 pack)
15-350 \$2.75



Pipe Springs (pair)
60-070 \$8.80



Pipe Spring Puller
60-200 \$15.10



Pipe O-Rings for Honda '92-'01 or P11 spacer flange (pair)
60-075 \$1.90

Pipe O-Rings for Honda '92-'01 or P11 spacer flange (12 pack)
60-074 \$7.80

shop talk
hyper pride
As of December 2020, Hyper Drivers racked up over **6,000 wins** in the last 12 years! In 2019 alone, our drivers had **559 feature wins** with **179 different winners** and **38 point championships**. Visit hyperracing.com and check out our complete **Feature Winners List** by year.

shop talk
pipe packing
Wrap your silencer with fresh packing every 6-9 races. This keeps the noise level down and increases power by maintaining proper flow of exhaust gasses through the silencer. Use only steel mandrel pop rivets to reassemble your silencer.



FRAMES READY TO GO TO THE POWDER COATER.

PHOTO COURTESY OF:
MICHEL AUDY



LIGHTNING SPRINT

CHASSIS KIT 3

Lightning Sprint Chassis Kit 3

Chromoly TIG welded frame with all tabs and mounts

3-piece fiberglass hood, fiberglass right arm guard, left arm guard, radiator shroud, sun visor, body panels, battery box, firewall and belly pans

2" x 53" splined rear axle assembly with HBS components

Stainless steel bumpers and nerf bars

Complete 44" long x 1 1/4" diameter powder coated front axle assembly with tri-bolt wheel centers, dust caps, tapered roller bearings, steering arms and spindles

Complete torsion rear suspension and coil over front package featuring ARS aluminum body gas monotube shocks (4) and related suspension components

Throttle and brake pedals, throttle cable and pull rod

Steering system featuring adjustable tilt steering with Pitman arm, splined quick release hub assembly, drag link, and 15" HBS dished aluminum steering wheel

Fuel Forward tank tail with alcohol bladder and flush mount cap assembly

Ultra Shield full containment, lightweight sprint deluxe seat with cover

American Racer or Hoosier tires (4)

Keizer wheels with right rear bead lock and mud cover

Front mount radiator assembly with fan, fittings, cap, and radiator tray

Wilwood 1" master cylinder and 4-piston brake caliper with steel braided brake line and aluminum fittings.

Left front brake with Wilwood Dynalite single caliper, aluminum rotor, brake lines, and rock guard.

Jacob's ladder and front sliding panhard bar clamp

Hyper Wings 54" 16' square internal slider wing with plated uprights

Deluxe electric wing adjuster assembly

Wide nose wing assembly

Simpson 5-point harness

Aluminum swaged radius rods, tie rod and drag link

4130 chromoly rod ends

Hardware kit

Direct shifter assembly

Rock guard

11-530 \$14,950.00

+ - CUSTOMIZE IT!

Each additional Keizer bead lock \$75.00

Monotube remote adjustable shock, each \$200.00

Left front brake \$198.00

Keizer mud cover system (per wheel) \$30.50

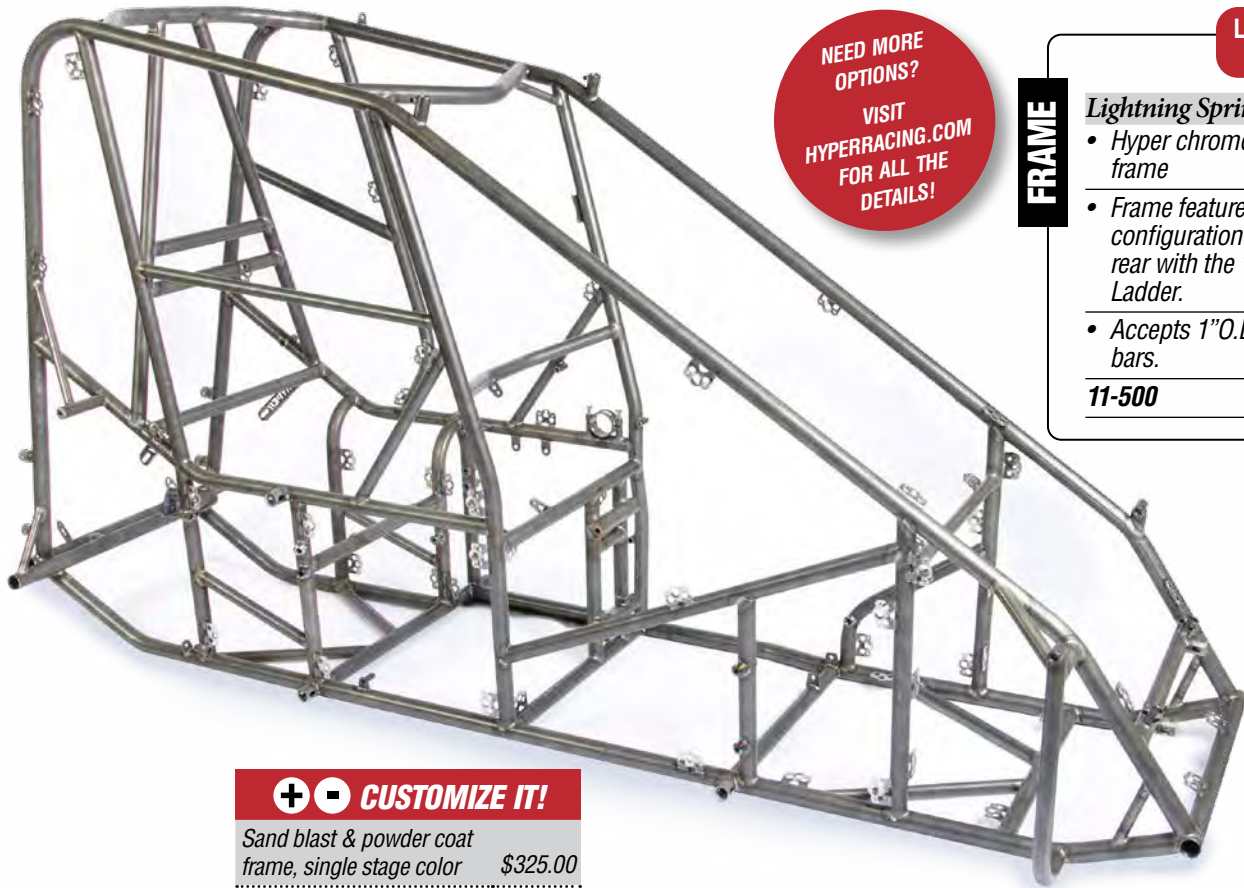
Chassis assembly (no wiring or plumbing) \$699.00

Sand blast and powder coat frame, single stage color \$325.00

Paint body solid color \$690.00

Letter Works custom lettering package starting at \$450.00





NEED MORE
OPTIONS?
VISIT
HYPERRACING.COM
FOR ALL THE
DETAILS!

LIGHTNING SPRINT

FRAME

Lightning Sprint Frame

- Hyper chromoly TIG welded frame
- Frame features standard configuration coil front torsion rear with the 12" Jacob's Ladder.
- Accepts 1" O.D. x 26" torsion bars.

11-500 \$2,685.00

+ - CUSTOMIZE IT!
Sand blast & powder coat frame, single stage color \$325.00



LIGHTNING SPRINT

KIT 1

Lightning Sprint Kit 1

- Lightning Sprint frame
- 3-piece hood, right and left fiberglass arm guards, fiberglass radiator shroud, fiberglass sun visor, body panels, battery box, chain guard with clamp, ignition panel, firewall and belly pans
- Stainless steel bumpers, nerf bars and injector protector bar

11-510 \$4,650.00

+ - CUSTOMIZE IT!
Sand blast & powder coat frame, single stage color \$325.00

REAR END

2" X 53" LIGHTNING SPRINT SPLINED REAR AXLE ASSEMBLY WITH OPTIONAL BRAKE CALIPER AND WHEEL CENTERS.



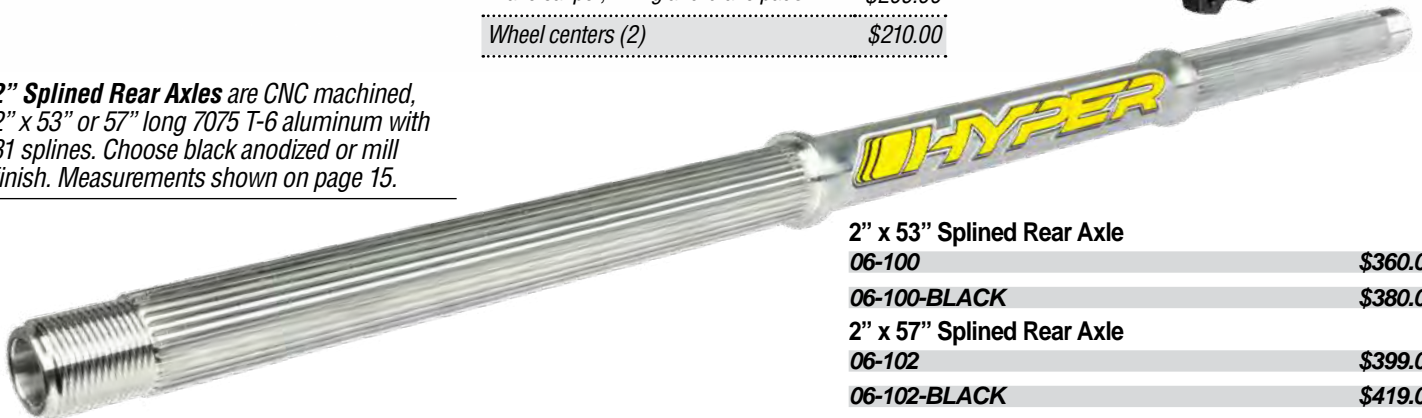
Lightning Sprint 2" Rear Axle Assembly includes axle, nuts, all spacers, sprocket carrier, 6-bolt brake hub, brake floater, 046-142 lightweight brake rotor, and bearing carriers.

Lightning Sprint 2" Rear Axle Assembly
06-055 \$1,195.00

+ - CUSTOMIZE IT!

Brake caliper and fitting	\$149.00
Brake caliper, fitting and brake pads	\$209.00
Wheel centers (2)	\$210.00

2" Splined Rear Axles are CNC machined, 2" x 53" or 57" long 7075 T-6 aluminum with 31 splines. Choose black anodized or mill finish. Measurements shown on page 15.



2" x 53" Splined Rear Axle	
06-100	\$360.00
06-100-BLACK	\$380.00
2" x 57" Splined Rear Axle	
06-102	\$399.00
06-102-BLACK	\$419.00

Lightning Sprint/Midget Right Side Jacob's Jacker Bearing Carrier
Jacob's Jacker allows the remote adjustment of the Jacob's ladder roll center while you are in the cockpit on the race track. This unique adjuster moves the rod end that the Jacob's ladder bolts to up 1/2" or down 3/4" from center for a total of 1 1/4" of adjustment! Uses a CSI shock cable (sold separately), but other cables may be used with an adapter. 4 1/2" spread. Compatible with many other chassis brands.



06-228 \$369.00

Jacob's Ladder Bearing Carriers for Lightning Sprint/Midget use a 1/2" rod end or 1/2" -20 clevis for Jacob's ladder pick-up.



2" Bearing Carrier 2TRJ
Jacob's ladder right side. 4 1/2" spread.
06-230 \$165.00



2" Bearing Carrier 2TRJM
Right side. 5 1/2" spread.
06-250 \$165.00



2" Bearing Carrier 2TLJ
Jacob's Ladder left side. 4 1/2" spread.
06-235 \$159.00



2" Bearing Carrier 2TLJM
Left side. 5 1/2" spread.
06-260 \$159.00

MORE CSI ADJUSTER CABLES ARE FOUND ON PAGE 18.



CSI Remote Adjuster Cable 5'
Fits Jacob's Jacker.
388-402 \$97.00

LIGHTNING SPRINT/MIDGET

OIL/LUBES

ACCESSORIES

HYPER RACING APPAREL

K1 SUITS & RACEGEAR

TECH DEPARTMENT

Wishbone Bearing Carriers for Lightning Sprint/Midget include grease fitting and bubble level.



2" Bearing Carrier 2WRJ
Right side, wishbone.
06-270 \$155.00



2" Bearing Carrier 2WLJ
Left side wishbone.
06-274 \$155.00



Lightning Sprint Brake Floater
06-290 \$140.00



2" Splined Bearing Reducer
06-114 \$23.50



Top Spacer for 06-250
06-255 \$7.25

Bearing Carrier Stand Off for 06-250 & 06-260
06-256 \$29.00

Bearings fit Lightning Sprint/Midget bearing carriers. 55mm ID x 90mm OD x 36mm wide.



2" Bearing, One Piece
06-298 \$38.00



2" Bearing
06-299 \$38.00



Spiral Ring for Bearing Carrier
06-296 \$6.75



Rear Axle Safety Pin
05-999 \$1.50

Grease your bearings with high quality grease for maximum performance and long life!.



Champion Poly-7 Red, Ultra Tacky High Temp Lithium Grease
74-332 \$6.85



DayLube™ NanoCeramic Racing Grease, 16 oz. Tube
77-800 \$54.00



2" INNER AXLE SPACERS

1/8" x 2" Inner	061-0125	\$5.50
1/4" x 2" Inner	061-025	\$5.90
1/2" x 2" Inner	061-050	\$6.50
1" x 2" Inner	061-100	\$8.50
1 1/2" x 2" Inner	061-150	\$9.50
3 1/2" x 2" Inner	061-350	\$16.90



2" OUTER AXLE SPACERS

1/2" x 2" Outer	062-050	\$19.95
1" x 2" Outer	062-100	\$21.95
1 1/2" x 2" Outer	062-150	\$22.95
2 1/2" x 2" Outer	062-250	\$22.95
3 1/2" x 2" Outer	062-350	\$22.95



2" Axle Nuts have a 2.25" hex.

2" Splined Axle Nut, Right Thread
06-132 \$29.00

2" Splined Axle Nut, Left Thread
06-134 \$29.00



One Piece Wheel Wrench for 2" Axle
2.25" hex.
06-800 \$156.00



5/16"-18 x 1.00" Hex Head Cap Screw, Titanium
Used on the 13" wheels as bead lock or wheel center bolts.
981-05-18-1.00 EACH \$5.95



2" Brake Hub
New stronger design and material. Uses 1/4" bolts, not included.
06-300 \$75.50

Rear Wheel Center fits Lightning Sprint/Midget rear axles with either 31 or 36 splines and 15-bolt wheel halves.



13" Rear Wheel Center 257-300 31 SPLINE \$129.00

13" Rear Wheel Center 257-305 36 SPLINE \$129.00

Bolt Kits for 13" wheels can be used for the wheel center or the beadlock ring.



13" Wheel and Beadlock Bolt Kit (15) 5/16"-18 x 1" grade 8 bolts with washers.
257-506 \$7.95



Titanium 13" Wheel and Beadlock Bolt Kit (15) 5/16"-18 x 1" 6AL4V titanium gold vacuum coated flanged bolts.
257-5061 \$59.95

LIGHTNING SPRINT/MIDGET FRONT AXLE ASSEMBLY SHOWN WITH OPTIONAL LEFT FRONT BRAKE ASSEMBLY.

+ - CUSTOMIZE IT!

Titanium kingpins	\$112.00
Add left front brake assembly	\$198.00



Lightning Sprint/Midget Front Axle Assembly features powder coated 1 1/4" axle, shock pins, spindles, 13" tri-bolt wheel hubs, heavy duty angular contact bearings with seal on back and sealed dust cap, kingpin assembly, steering arms, and hardware.

Lightning Sprint/Midget Front Axle Assembly
017-000 **\$1,196.00**



Lightning Sprint/Midget Front Axles feature double shear towers and 1 1/4" diameter tubing. Designed for coil over front end. Axles are powder coated black.

Lightning Sprint/Midget Front Axle, Powder Coated
017-105 **\$195.00**

5 1/2" Set-Up Blocks are adjustable from 2" to 5 1/2" at 1/4" increments with many 1/8" increments. Ideal for Lightning Sprints and Midgets. CNC machined aluminum, anodized, post machined and laser etched.



5 1/2" Set-Up Blocks, (set, as shown)
80-616 **\$89.99**



Lightning Sprint/Midget Spindle
017-150 **\$187.00**



Lightning Sprint/Midget Spindle Nut
017-155 **\$24.00**



Lightning Sprint/Midget Kingpin Assembly Steel
017-170 **\$84.00**

Lightning Sprint/Midget Kingpin Assembly, Titanium
017-171 **\$189.00**



Lightning Sprint/Midget Kingpin .812" diameter.
017-160 **STEEL \$23.97**
017-161 **TITANIUM \$89.50**



Kingpin Cap For 017-160/161
017-165 **\$9.95**



Kingpin Bearing and Race Kit for 017-160/161 (pair)
017-167 **\$29.50**



Lightning Sprint/Midget Single Steering Arm
Designed for right side but can be used on either side.
167-100 **\$54.00**



Lightning Sprint/Midget Combo Arm
167-105 **\$69.00**



Midget Steering Arm, Bottom
167-110 **\$65.00**

13" SQUARING KIT FOUND ON PAGE 181



Tri-Bolt Hub includes dust cap, bearings, and seals. Fits Lightning Sprint and Midget front ends with 13" wheels and 15 bolt pattern.

13" Tri-Bolt Front Hub with Brake Ears
257-100 \$189.00

13" Tri-Bolt Front Hub
257-105 \$189.00



Front Bearing Seal for 13" Tri-Bolt Hub (pack of 2)
257-155 \$22.00



Dust Cap for 13" Tribolt Hub
257-170 \$22.00



Angular Contact Bearing for 13" Tri-Bolt Hub (each)
257-150 \$19.00



JACOB'S LADDER/W-LINK



12" Multi Point Jacob's Ladder (W-Link) for Lightning Sprint
6" spread on rear holes, 12" center to center on straps. Allows the adjustment of the roll center right and left by 4". Strong and lightweight. Designed using the latest in computer modeling and stress analysis.
04-650 \$99.00



Paddle for 12" Jacob's Ladder
04-652 \$42.50



End Tab for 12" Jacob's Ladder
04-654 \$11.70



Strap for 12" Jacob's Ladder
04-656 \$9.50



Strap for 14" Jacob's Ladder, Lower
047-115 \$9.95



3/8" Bearing for 14" Jacob's Ladder
047-106 \$8.95



Lightning Sprint/Midget Bearing Carrier Clevises have a 3/8" pin hole. Pin and clip sold separately.

Bearing Carrier Clevis 1/2"
047-125 FITS HYPER \$39.95

Bearing Carrier Clevis 5/8"
047-126 \$29.00



14" Jacob's Ladder (W-Link) for Hyper Midget
Geometry designed specifically for use on the Hyper Midget. Bottom strap is machined to clear the frame when the rear axle drops.
047-100 \$108.00



14" Jacob's Ladder (W-Link) for Midget
047-101 \$108.00



Paddle for 14" Jacob's Ladder
047-100/101
047-105 \$62.00



Strap for 14" Jacob's Ladder
047-100/101
047-110 \$9.95



Panhard Slider Clamp 1 1/8" x 1/2"
1 1/8" frame rail, 1/2" rod end. Used on Lightning Sprint/Midget.
04-1611 \$25.00

STEERING

LIGHTNING SPRINT/MIDGET



Lightning Sprint Manual Half Steering Box features 100% billet construction combined with steel shafts and gears for superior strength. KSE Hub 167-208 fits this unit and is sold separately. Splined end is included. Universal design fits any lightning sprint. 8:1 ratio.

Lightning Sprint Steering Box
167-207 \$999.00



KSE Quick Release Hub, 1 1/4"
KSE billet aluminum positive lock hub. Pinless, pull type, 19 spline.
167-208 \$134.00



1000CC FRONT SPROCKETS 530 CHAIN

Yamaha R1 '98-'14		
13 Tooth	636-313	\$31.50
14 Tooth	636-314	\$31.50
15 Tooth	636-315	\$31.50
Suzuki GSXR '01-'08		
13 Tooth	636-320	\$23.00
14 Tooth	636-321	\$23.00
15 Tooth	636-322	\$23.00
16 Tooth	636-323	\$23.00
Suzuki GSXR '09 and up		
16 Tooth	636-330	\$25.00
Honda CBR 1000RR '08 and up		
14 Tooth	636-340	\$29.50
15 Tooth	636-345	\$29.50

OIL/LUBES



Lightning Sprint Drag Links and Tie Rods are 1" O.D., 6061 T-6 swaged aluminum with right and left 1/2" threads.

Lightning Sprint Drag Link 39"
031-390 \$17.00

Lightning Sprint Tie Rod 40"
031-400 \$17.00

ACCESSORIES



Lightning Sprint Mount, for 167-207 Half Steering Box
167-211 SIDE \$90.38



Lightning Sprint Steering Mount
16-820 UPPER \$23.00



Lightning Sprint Mount, for Schroeder Steering Box
16-830 SIDE \$27.00



Steering Box Bracket with Right Side Shut Off Location
Black anodized with "on" and "off" position indicated. Shutoff valve not included.
167-150 \$35.00



Midget Drag Links and Tie Rods are powder coated black 1" O.D. x .065" chromoly with right and left 1/2" threads.

Midget Chromoly Drag Link 39"
031-495 \$69.00

Midget Chromoly Tie Rod 41.5"
031-500 \$69.00

HYPER RACING APPAREL



Pitman Arm for Lightning Sprint
16-810 \$49.00



MPI Steering Wheel is made for Hyper Racing. Features custom laser etched HBS Logo in the spokes.

MPI-KMD-15 Micro Sprint Steering Wheel

- 2 1/4" dish, 15" diameter
- 3-hole pattern, 3 slotted spokes
- Includes steering wheel pad

16-0229 \$199.00

K1 SUITS & RACEGEAR

SHIFTER



Shifter Assembly, Lightning Sprint
Includes handle, 3/8" spacers, bell crank, rods (2), 1/4" rod ends, jam nuts (4) and hardware.
357-010 \$84.00



Bell Crank
04-519 \$14.50



Shifter Rod
1/4"-28 x 5 1/2" long.
04-516 \$10.00



Shifter Handle for 1000cc
357-100 \$34.00

TECH DEPARTMENT





2" Sprocket Carrier with 5/16" Bolt for Lightning Sprint
06-302 \$75.50



Sprocket Guides, 47-55 Gears
Used on Lightning Sprints. 5/16" bolt holes.
04-1081 \$87.00



HBS Double Chain Block Tensioner Assembly for 530/520 Chain
08-802 \$92.00



REAR SPROCKETS 530 CHAIN		
44 Sprocket/530	082-044	\$79.99
45 Sprocket/530	082-045	\$79.99
46 Sprocket/530	082-046	\$79.99
47 Sprocket/530	082-047	\$79.99
48 Sprocket/530	082-048	\$79.99
49 Sprocket/530	082-049	\$79.99
50 Sprocket/530	082-050	\$79.99
51 Sprocket/530	082-051	\$99.99
52 Sprocket/530	082-052	\$99.99
53 Sprocket/530	082-053	\$99.99
54 Sprocket/530	082-054	\$99.99
55 Sprocket/530	082-055	\$99.99
56 Sprocket/530	082-056	\$99.99



2" Sprocket Carrier Assembly, 47-55 Tooth Gears
Includes sprocket carrier, large sprocket guides, and hardware kit. Uses the 5/16" sprocket bolts for 530 chain.
06-304 \$159.00

11" and 20" Chain Tensioner Arms fit 08-802 and work well on the Hyper Lightning Sprint to help keep the chain from skipping.



11" Double Chain Tensioner Arm
08-816 \$15.90



20" Double Chain Tensioner Arm
08-817 \$16.90



BikeMaster BMXR Chain uses specially controlled heat treatment for more durability and 50-100% longer wear life than standard o-ring chains. Use on 1000cc engines. Rated at an average tensile strength of 9,700 pounds. Includes rivet link.

BikeMaster BMXR 530 Chain, 150 Link
08-470 \$169.00

Sprocket Guide Hardware Kit bolts sprocket to 5/16" carrier when using guides.



Sprocket Guide Hardware Kit, 5/16"
6 each: 5/16"-18 x 1" bolts and flange nuts.
08-761 \$5.75



Long Guide Block for 08-802
4 5/8" long, fits 530 size chains on lightning sprint and 520 chain on 600cc.
08-831 \$25.00



Sprocket Guide Hardware Kit, 5/16"
6 each: 5/16"-18 x 1 3/4" bolts, spacers, and flange nuts.
08-762 \$12.95



Guide Block for 08-802
08-830 \$18.00



BikeMaster BMXR 530 Rivet Link
08-476 \$8.45



74-101 **MOTUL C3 CHAIN LUBE** \$12.55



74-095 **CHAMPION CHAIN LUBE** \$9.75

new



KEIZER 13" X 10" REAR BEAD LOCK WHEEL, POLISHED



KEIZER 13" X 8" REAR BEAD LOCK WHEEL, BLACK



KEIZER 13" X 7" FRONT WHEEL, POLISHED

NEED MORE
OPTIONS? VISIT
HYPERRACING.COM
FOR ALL THE
DETAILS!

**Everything is an option
in this totally configurable
13" wheel. Check out all the
options and get creative.**

**These custom configured wheels will save you
over 8% over purchasing the parts individually.**

Keizer presents a great looking, strong wheel at an economical price. Keizer non-bead lock wheels feature a rolled lip for strength on the outer rim. Wheels and halves are polished unless you specify black.

These wheels will come un-assembled. Valve stem holes are never drilled, so you can place your valve stem on the inner or outer half.

**BUILD YOUR OWN KEIZER
13" REAR WHEEL**

Visit www.hyperracing.com or call and speak with our representatives to build your perfect wheel.

845-000 CONFIGURABLE FROM \$277.00

**BUILD YOUR OWN KEIZER
13" FRONT WHEEL**

Visit www.hyperracing.com or call and speak with our representatives to build your perfect wheel.

845-001 CONFIGURABLE FROM \$148.00

Bolt Kits for 13" wheels can be used for the wheel center or the beadlock ring.



13" Wheel and Beadlock Bolt Kit
(15) 5/16"-18 x 1" grade 8 bolts with washers.
257-506 \$7.95



Titanium 13" Wheel and Beadlock Bolt Kit
(15) 5/16"-18 x 1" 6AL4V titanium gold vacuum coated flanged bolts.
257-5061 KIT \$59.95
981-05-18-1.00 EACH \$5.95



3/8" Black Panel Fastener for Keizer Mud Cover (each)
841-985 \$2.75
3/8" Nylon Washer, for Keizer Mud Cover (each)
841-986 \$.65



SPRINGS
1 1/2" Spring (each) 15-105 \$.94



Titanium Flange Nut, 5/16"-18 (each)
Fits HBS and Keizer wheel studs and airbox post.
987-05-18 FLANG \$5.95

13" Keizer Mudcover System includes the bead lock ring with tabs and dzus springs and mud cover plate with buttons.



KEIZER 13" MUD COVER SYSTEM & COMPONENTS

Keizer 13" Bead Lock Ring, Polished	846-1200	\$45.00
Keizer 13" Bead Lock Ring, Black	846-1201	\$49.50
Keizer 13" Bead Lock Ring for Mud Cover, Polished	846-1205	\$45.00
Keizer 13" Bead Lock Ring for Mud Cover, Black	846-1206	\$50.00
Keizer 13" Mud Cover Plate, Polished	846-1300	\$30.00
Keizer 13" Mud Cover Plate, Black	846-1301	\$35.00
Keizer 13" Mud Cover System, Polished	846-1210	\$75.00
Keizer 13" Mud Cover System, Black	846-1211	\$83.00

KEIZER 13" WHEEL HALVES

Keizer 13" x 2" Wheel Half	846-1320	\$75.00
Keizer 13" x 3" Big Bell Wheel Half*	846-1330B	\$76.00
Keizer 13" x 3" Bead Lock Wheel Half	846-1331	\$159.00
Keizer 13" x 4" Wheel Half	846-1340	\$78.00
Keizer 13" x 4" Big Bell Wheel Half*	846-1340B	\$78.00
Keizer 13" x 4" Bead Lock Wheel Half	846-1341	\$159.00
Keizer 13" x 5" Wheel Half	846-1350	\$80.00
Keizer 13" x 5" Big Bell Wheel Half*	846-1350B	\$80.00
Keizer 13" x 5" Bead Lock Wheel Half	846-1351	\$164.00
Keizer 13" x 6" Wheel Half	846-1360	\$84.00
Keizer 13" x 6" Big Bell Wheel Half*	846-1360B	\$84.00
Keizer 13" x 6" Bead Lock Wheel Half	846-1361	\$169.00
Keizer 13" x 7" Wheel Half	846-1370	\$88.00
Keizer 13" x 7" Bead Lock Wheel Half	846-1371	\$175.00
Keizer 13" x 8" Wheel Half	846-1380	\$97.00
Keizer 13" x 8" Bead Lock Wheel Half	846-1381	\$179.00
Keizer 13" x 9" Bead Lock Wheel Half	846-1391	\$192.00

+ - CUSTOMIZE IT!

Keizer wheel half black (each)	\$15.00
Mud Cover Option on Keizer 13" bead lock half	\$30.00

RODS/ROD ENDS

Swaged Rods are 1" O.D., 6061 T-6 swaged aluminum with 1/2" threads.



SWAGED RODS, 1/2" THREAD, 1" O.D.

031-105	10.5" x 1/2"	\$14.50	031-210	21" x 1/2"	\$14.90
031-110	11" x 1/2"	\$14.50	031-220	22" x 1/2"	\$14.90
031-120	12" x 1/2"	\$14.50	031-225	22.5" x 1/2"	\$14.90
031-125	12.5" x 1/2"	\$14.50	031-230	23" x 1/2"	\$14.90
031-130	13" x 1/2"	\$14.50	031-232	23.25" x 1/2"	\$14.90
031-135	13.5" x 1/2"	\$14.50	031-235	23.5" x 1/2"	\$14.90
031-140	14" x 1/2"	\$14.50	031-240	24" x 1/2"	\$14.90
031-150	15" x 1/2"	\$14.50	031-295	29.5" x 1/2"	\$16.50
031-160	16" x 1/2"	\$14.50	031-3075	30.75" x 1/2"	\$19.00
031-170	17" x 1/2"	\$14.50	031-390	39" x 1/2"	\$17.00
031-180	18" x 1/2"	\$14.50	031-395	39.5" x 1/2"	\$19.00
031-190	19" x 1/2"	\$14.50	031-400	40" x 1/2"	\$17.00
031-200	20" x 1/2"	\$14.50	031-405	40.5" x 1/2"	\$19.00

+ - CUSTOMIZE IT!

Black Anodizing available. Add **B** to part number. **\$5.00**



1/2" ROD END SPACERS

1/2" x 1/4", Aluminum	70-510	\$2.95
1/2" x 1/2", Aluminum	70-511	\$2.95



Lightning Sprint Drag Links and Tie Rods are 1" O.D., 6061 T-6 swaged aluminum with right and left 1/2" threads.

Lightning Sprint Drag Link 39"	
031-390	\$17.00
Lightning Sprint Tie Rod 40"	
031-400	\$17.00



Midget Drag Links and Tie Rods are powder coated black 1" O.D. x .065" chromoly with 1/2" threads.

Midget Chromoly Drag Link 39"	
031-495	\$69.00
Midget Chromoly Tie Rod 40"	
031-500	\$69.00

Make your own **Steel Radius Rods** from 1" x .065 tubing and weld-in inserts.



1.00" x .065" Chromoly Tubing MAT 1x065 CR \$4.86/FT.



THREADED TUBE INSERTS

1/2"-20, LH thread	95-755	\$15.25
1/2"-20, RH thread	95-750	\$15.25



1/2" ROD ENDS

4130 Black Rod Ends		
1/2" Male RH, Black	71-CMR8	\$8.25
1/2" Male LH, Black	71-CML8	\$8.25
Plated Steel Jam Nuts		
1/2"-20 RH Jam Nut	70-335	\$4.45
1/2"-20 LH Jam Nut	70-336	\$7.75

SEE PAGE 49 FOR MORE RODS & ENDS



82"

HOOSIER 82/12-13		
82/12-13 SP2	22-9582	\$179.00
82/12-13 SP3	22-9592	\$179.00



68"

HOOSIER 68/7-13		
68/7-13 D12	22-9552	\$184.00
68/7-13 D15	22-9553	\$184.00
68/7-13 D20	22-9554	\$184.00



82"

AMERICAN RACER 26.0/12-13 GT		
26.0/12-13 SD48 GT	20-340	\$179.00
26.0/12-13 SD33 GT	20-335	\$179.00



78"

HOOSIER 78/10-13		
78/10-13 D12	22-9576	\$179.00
78/10-13 D20	22-9577	\$179.00

? know the code

tire compounds		
	Hoosier	American Racer
Soft	D10	SD23/SD30
	RD12	
	D12	SD33/SD35
	RD15	
	SP2	SD38/SD40
Hard	D20	SD44
	SP3	RD20
	D25	SD48
	KS1	
	ASCS2	D30
Hard	SP4	MD50/MD57



74"

AMERICAN RACER 23.5/10-13 GT		
24/10-13 SD33 GT	20-320	\$159.00

HOOSIER 77/10-13		
77/10-13 RD12	22-9574	\$179.00
77/10-13 D12	22-9573	\$179.00

77"



Bead Breaker
80-004 13" WHEELS \$79.00

AMERICAN RACER 24.0/10-13 GT		
23.5/10-13 SD33 GT	20-330	\$153.00

76"

HOOSIER 76/10-13		
76/10-13 D10	22-9571	\$179.00
76/10-13 D12	22-9572	\$179.00

75-76"

HOOSIER 74/10-13		
74/10-13 D10	22-9561	\$179.00
74/10-13 D12	22-9562	\$179.00

74"



Longacre Analog Tire Pressure Gauge, 0-15 psi
80-0012 \$49.99



67"

AMERICAN RACER 23.5/10-13 GT		
22.5/7-13 SD33 GT	20-305	\$149.00



SPRINGS,
SHOCK
ACCESSORIES &
MORE ON
PAGE 76

ARS REMOTE ADJUSTABLE MONOTUBE SHOCK

ARS Monotube Shocks do not include cable with adjustable styles. Canister upgrade available.

ARS ALUMINUM BODY MONOTUBE SHOCKS

Remote Adjustable Monotube, 7" Stroke			
B337 7-5/3 Remote Adjustable 7" Right Rear	383-198	\$459.00	
B337 4.5/4.5-2 Remote Adj. 7" Right Rear	383-205	\$459.00	
B337 8-4/3 Remote Adjustable 7" Left Rear	383-305	\$459.00	
B337 6.5-3/2.5 Remote Adjustable 7" Left Front	383-400	\$459.00	
B337 1/5-1 Remote Adjustable 7" Right Front	383-410	\$459.00	
Non-Adjustable Monotube, 7" Stroke			
327 5/2.5 Non-Adjustable 7" Left Front	383-500	\$299.99	
327 1/4 Non-Adjustable 7" Right Front	383-505	\$299.99	
327 6/3 Non-Adjustable 7" Left Rear	383-510	\$299.99	



Hyper Shock Covers for 10" Spring (pair)
Our tough nylon shock covers feature a hook and loop closure along the length to remove easily for spring changes.
39-101 \$39.50

TORSION

Lightning Sprint/Midget Torsion Arms for Z-link rear geometry are designed for 1" torsion bar. PMX8 heavy duty rod end, jam nut and pinch bolt are included. Length is measured from center of splined hole to tip of arm.



Lightning Sprint/Midget Right Rear Arm, Complete
408-012 12 7/3" **OFFSET/MIDGET** \$74.00
408-017 11 3/4"/3" **OFFSET/LT SPRINT** \$74.00



Lightning Sprint/Midget Left Rear Arm, Complete
408-022 12 1/2"/13/4" **OFFSET/LT SPRINT** \$74.00
408-027 13"/**STRAIGHT**/'13-'14 **MIDGET** \$74.00
408-028 13"/13/4" /15 & **UP MIDGET** \$74.00

Lightning Sprint/Midget Torsion Arms for wishbone rear geometry are designed for 1" torsion bar. Uses a shackle with a 1/2" bolt to bearing carrier. Length is measured from center of splined hole to shackle hole center.



Lightning Sprint/Midget Right Rear Arm for Wishbone
408-040 12.5"/3" **OFFSET** \$49.00



Lightning Sprint/Midget Left Rear Arm for Wishbone
408-045 13.75"/**STRAIGHT** \$49.00

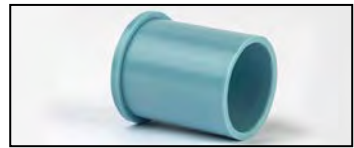


1/2" Heavy Duty Male Rod Ends for torsion arms are precision 4130 chromoly heat treated and chrome plated. 52100 bearing steel heat treated and hard chrome plated ball. 1/2" Right hand thread.

1/2" **PMX 4130 Male Right**
71-PMX8 \$16.95



1" Torsion Stop
408-220 \$26.00



1" Torsion Bar Bushing
Fits 1" torsion bar and 1 3/8 x .095 tubing.
408-000 \$7.90

Torsion Bushing Reamers help you to avoid handling problems caused by a bound up bar.



1" Torsion Bushing Reamer, with Pilot Shaft
40-231 \$239.00

Schroeder Hollow Torsion Bars are made of aircraft alloy steel, gun drilled, precision machined, heat treated and ground to size.



1" TORSION BARS, HOLLOW

1" x 26" Hollow			
1" x 26" x .650 Hollow	409-0650	\$119.99	
1" x 26" x .675 Hollow	409-0675	\$119.99	
1" x 26" x .700 Hollow	409-0700	\$119.99	
1" x 26" x .725 Hollow	409-0725	\$119.99	
1" x 26" x .750 Hollow	409-0750	\$119.99	
1" x 26" x .775 Hollow	409-0775	\$119.99	
1" x 26" x .800 Hollow	409-0800	\$119.99	
1" x 26" x .825 Hollow	409-0825	\$119.99	
1" x 26" x .850 Hollow	409-0850	\$119.99	
1" x 26" x .875 Hollow	409-0875	\$119.99	
1" x 26" x .900 Hollow	409-0900	\$119.99	
1" x 26" x .925 Hollow	409-0925	\$119.99	
1" x 26" x .950 Hollow	409-0950	\$119.99	
1" x 28" Hollow			
1" x 28" x .775 Hollow	409-0775-28	\$119.99	
1" x 28" x .800 Hollow	409-0800-28	\$119.99	
1" x 28" x .825 Hollow	409-0825-28	\$119.99	

SEE PAGES
84-89
FOR MORE
TORSION
ITEMS

LIGHTNING SPRINT/MIDGET OIL/LUBES ACCESSORIES HYPER RACING APPAREL K1 SUITS & RACEGEAR TECH DEPARTMENT



SEE PAGES
65-70
FOR MORE
BRAKE PARTS

Tilton 1" Master Cylinder Kit
366-004 \$89.00

Tilton 3/4" Master Cylinder Kit
36-000 \$89.00

TILTON KITS & PARTS		
Tilton 1" Master Cylinder Rebuild Kit	366-006	\$28.00
Tilton 4.0 oz. Reservoir	36-010	\$13.50
Tilton Clamp	36-915	\$6.75
Tilton Reservoir Cap	36-012	\$10.25
Tilton Remote Inlet Adapter	36-014	\$7.50
Tilton Remote Mounting Bracket with O-Ring	36-015	\$16.80



Wilwood Dynalite Single 2-Piston Caliper
Billet aluminum, 3.25" mounting hole distance. Pads sold separately.
36-100 \$114.00



Left Front Brake Line Guard
367-160 \$14.90



Left Front Brake Caliper Mount for Lightning Sprint/Midget
Adapts the Dynalite Single Caliper to midget spindle with a 10 1/8" rotor.
367-155 \$24.00



Aluminum Front Brake Rotor, 10 1/8"
367-150 \$54.00



Master Cylinder Return Spring
Fits Tilton and Wilwood.
36-030 \$23.95



Wilwood Dynapro 4-Piston Caliper
Billet aluminum, 5.25" mounting hole distance. Pads sold separately.
366-150 \$169.00



Hyper Racing's own Titanium Brake Caliper Pistons are made from extremely low heat conductive titanium material to significantly reduce the chances of boiling your brake fluid. Titanium piston will transfer 3 times less heat than Wilwood's stainless steel piston. Saves 62 grams per pair.

2" Brake Hub
Stronger design and material. Uses 1/4" bolts, not included.
06-300 \$75.50



Titanium Piston for Dynalite Caliper, 3/8" Rotor (each)
36-1057I \$39.50

Titanium Piston for Dynalite Caliper, 3/16" or 1/4" Rotor (each)
36-10517I \$39.50



Lightweight Steel Brake Rotor 10" x 1/4"
046-142 \$23.50



Dynapro Polymatrix Brake Pads (pair)
366-304 \$67.00

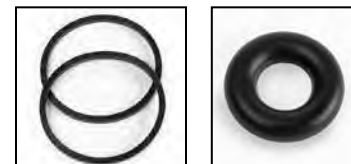


Dynalite Single Polymatrix Q Pads for Aluminum Rotors (pair)
Soft compound. Use with aluminum rotors only.
36-301 \$43.90



Piston for Dynalite Caliper (each)
36-105 \$16.50

Bleeder Valve for Dynalite Caliper (each)
36-111 \$4.30



Square O-Ring for Dynalite Caliper (pair)
36-106 \$5.90

Billet Caliper Body O-Ring
36-112 \$3.40



Brake Pad Retaining Pin (each)
36-108 \$5.50



new

Color Coated PTFE Brake Line with black anodized aluminum -3 fitting features:

- 4,000 PSI operating pressure
- Over 8,000 PSI burst pressure
- Stainless steel braided cover
- Improved brake system performance through near elimination of hose expansion
- Coated cover for improved abrasion resistance
- Choose length and color: red, blue, yellow, clear, carbon, or black.

PTFE COLOR COATED BRAKE LINE
Specify color and length.

18", specify color	37-200	\$9.95
20", specify color	37-200	\$10.35
22", specify color	37-200	\$10.75
24", specify color	37-200	\$11.25
30", specify color	37-200	\$11.85
36", specify color	37-200	\$12.70
48", specify color	37-200	\$14.50
65", specify color	37-200	\$17.10
72", specify color	37-200	\$18.30
85", specify color	37-200	\$19.35



Steel Braided Brake Line is precut and available in -2 or -3 diameters with -3 aluminum fittings on ends. Smaller diameter -2 brake line is less susceptible to expanding under high pressure. This may lead to better braking response.

STEEL BRAIDED BRAKE LINE

-3 Brake Line with -3 Ends			
18" -3 Line/-3 End	37-097	\$9.95	
20" -3 Line/-3 End	37-098	\$11.95	
22" -3 Line/-3 End	37-099	\$12.95	
24" -3 Line/-3 End	37-100	\$12.95	
30" -3 Line/-3 End	37-110	\$13.50	
36" -3 Line/-3 End	37-120	\$14.50	
48" -3 Line/-3 End	37-130	\$17.25	
65" -3 Line/-3 End	37-135	\$24.00	
72" -3 Line/-3 End	37-140	\$24.00	
85" -3 Line/-3 End	37-145	\$29.50	
-2 Brake Line with -3 Ends			
18" -2 Line/-3 End	372-018	\$21.00	
24" -2 Line/-3 End	372-024	\$23.00	
32" -2 Line/-3 End	372-032	\$28.00	
48" -2 Line/-3 End	372-048	\$36.00	
72" -2 Line/-3 End	372-072	\$47.00	



3AN Swivel Coupler
41-915103 \$10.45



-3AN Bulkhead 45° Fitting
41-983703 \$11.95



-3AN Bulkhead Straight Fitting
41-983203 \$6.90



3AN to 1/8" NPT T-Fitting
41-982503 \$13.45



1/8" NPT to -3AN Run T-Fitting
41-982603 \$13.45



Wilwood EXP 600 Plus Super HiTemp Brake Fluid, 16.9 oz.
36-116 \$19.95



3AN Bulkhead Fitting Nut (each)
41-592403 \$2.50

3AN Plug Cap (each)
41-592903 \$6.95

3AN Flare Plug
41-5913 \$3.95



1/8" NPT to 3AN Elbow Fitting
41-982203 \$10.45

1/8" NPT to 3AN Straight Fitting
41-981603 \$4.95



Proportioning Valve
366-155 \$89.95



Compact Proportioning Valve
100% adjustment range: shut off completely or set wide open. Inlet: 1/8" NPT port, outlet: 1/8" NPT port.
366-158 \$49.00

PEDALS



Lightning Sprint Throttle Pedal
347-101 \$59.99



Lightning Sprint/Midget Brake Pedal
367-100 \$52.00



Midget Throttle Pedal
347-100 \$59.99



Lightning Sprint Throttle Pull Rod
347-120 \$49.00



Midget Throttle Cable Mount
347-115 \$38.00



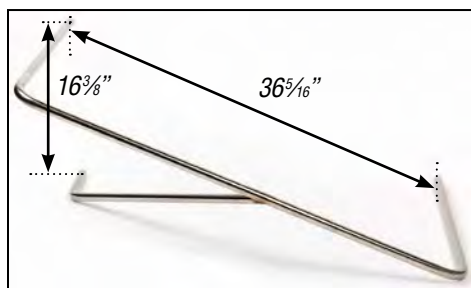
Lightning Sprint/Midget Throttle Return Spring (each)
8.0" steel spring extends to 13", .438" OD, .054" wire.
347-150 \$6.45



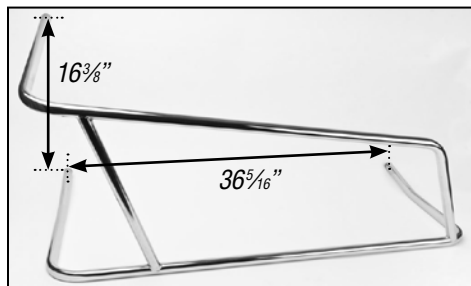
Heel Riser, 1"
148-250 \$27.00

NERF BARS/BUMPERS

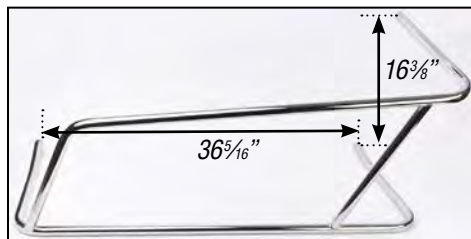
Bumpers and Nerf Bars are constructed from $\frac{7}{8}$ " stainless steel or black powdercoated 4130 chromoly (special order). Measurements given are center to center distances between posts.



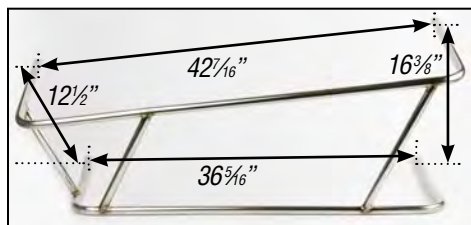
Lightning Sprint/Midget Right Nerf Bar, 3 Post
12-702 STAINLESS \$105.75



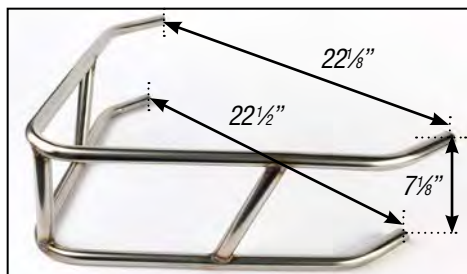
Lightning Sprint Right Nerf Bar
12-701 \$99.00
12-701BLK 4130 BLACK SP ORDER \$89.00



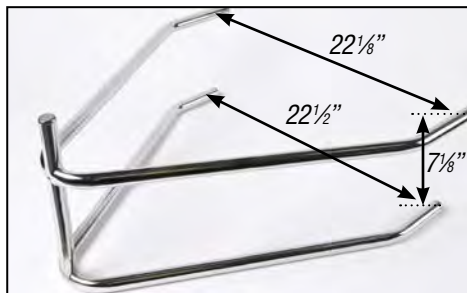
Lightning Sprint Left Nerf Bar
12-705 STAINLESS \$99.00
12-705BLK 4130 BLACK SP ORDER \$79.00



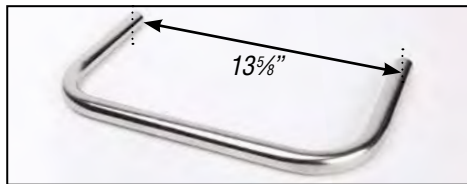
Midget Left Nerf Bar
12-708 STAINLESS \$120.00
12-708BLK 4130 BLACK SP ORDER \$95.00



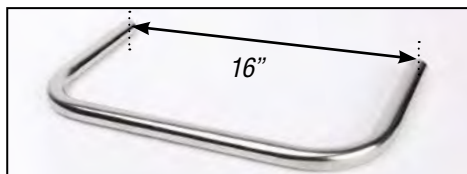
Lightning Sprint Rear Bumper, fits Fuel Forward Tank
12-711 STAINLESS \$134.00



Midget Rear Bumper
12-710 STAINLESS \$134.00



Front Bumper
12-155 STAINLESS \$24.50



Australia Front Bumper
12-156 STAINLESS \$24.50



Hoop Front Bumper
Heavy duty bumper is taller and wider.
12-154 \$115.00



Bumper/Nerf Bar Bolt Kit, Titanium
(4) 10-24 x $\frac{13}{8}$ " titanium, with nuts.
12-050TI \$14.80

Bumper/Nerf Bar Bolt Kit
(4) 10-24 x $\frac{1}{2}$ " stainless steel, with nuts.
12-050 \$3.59

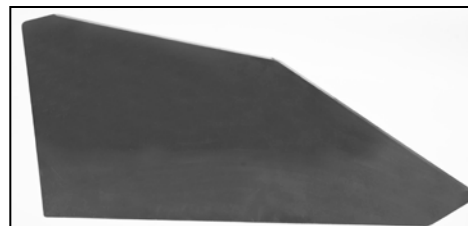
BODY



Lightning Sprint/Midget Center Hood
148-001 WHITE \$215.00
148-001B BLACK \$215.00



Lightning Sprint/Midget Front Hood
148-002 WHITE \$124.00
148-002B BLACK \$124.00



Lightning Sprint/Midget Right Side Hood
148-003 \$49.00



Lightning Sprint/Midget Left Side Hood
148-004 \$49.00

FULL LINE OF PANEL FASTENERS FOUND ON PAGE 111

LIGHTNING SPRINT/MIDGET

OIL/LUBES

ACCESSORIES

HYPER RACING APPAREL

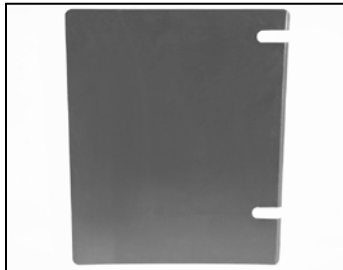
K1 SUITS & RACEGEAR

TECH DEPARTMENT

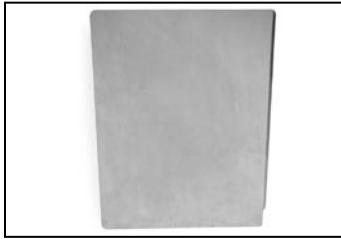
24-7 support
Get 24-7 access to set-up notes, assembly manuals, and tech information at www.hyperracing.com.



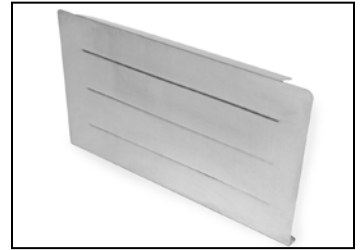
Lightning Sprint/Midget '12-'16 Right Arm Guard
 148-010 **WHITE** \$137.00
 148-010B **BLACK** \$137.00



Lightning Sprint Lower Right Rear Panel
 148-096 \$35.00
Midget Lower Right Rear Panel
 148-095 \$35.00



Lightning Sprint/Midget Lower Right Side Front Panel
 148-100 \$35.00



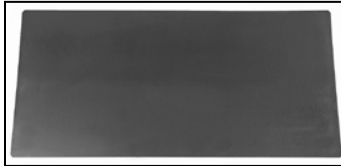
Lightning Sprint/Midget Front Firewall
 148-150 \$42.00



Lightning Sprint/Midget Upper Right Arm Guard, 2017 and Up, Aluminum
 148-0111 \$54.00



Lightning Sprint/Midget Right Rear Wingless Panel
 148-125 \$54.00



Lightning Sprint/Midget Lower Right Side Middle Panel
 148-105 \$45.00



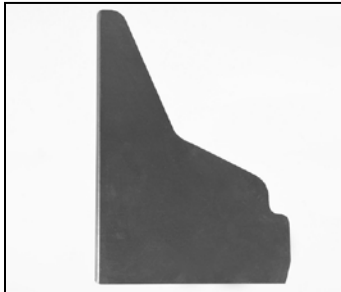
Lightning Sprint/Midget Front Belly Pan
 148-200 \$49.00



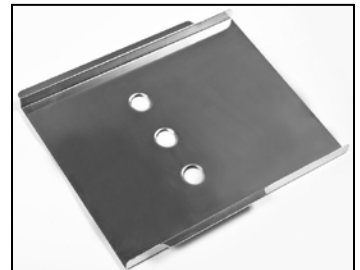
Lightning Sprint/Midget Lower Right Arm Guard, 2017 and Up Fiberglass
 148-011 **WHITE** \$137.00
 148-011B **BLACK** \$137.00



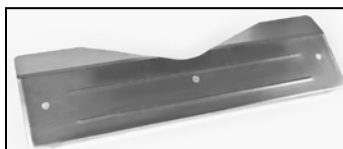
Lightning Sprint/Midget Cage Wingless Panel
 148-120 **RIGHT SIDE** \$54.00
 148-121 **LEFT SIDE** \$54.00



Lightning Sprint Lower Left Front Panel
 148-113 \$35.00



Lightning Sprint Floor Pan
 148-206 \$49.00



Lightning Sprint/Midget Sun Visor
 148-015 \$69.00



Midget Lower Left Front Panel, Esslinger
 148-112 \$35.00



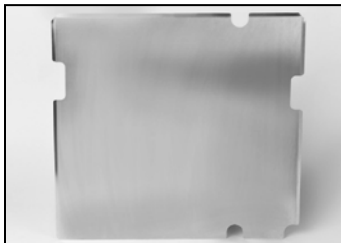
Midget Floor Pan
 148-205 \$49.00



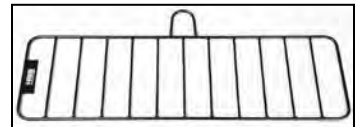
Lightning Sprint/Midget Left Arm Guard
 148-014 \$50.50



Lightning Sprint/Midget Dash Panel, Fiberglass
 148-050 **WHITE** \$126.00
 148-050B **BLACK** \$126.00



Midget Lower Left Side Rear Panel
 148-115 \$35.00



Rock Guard
 Fits Lightning Sprint, Midget, and 600cc. 25" wide x 7½" tall. Powder coated black.
 148-020 \$89.00



Lightning Sprint/Midget Lower Rock Guard/Radiator Support
 148-190 \$50.00



Rock Guard Clamp
 Better than zip ties! Aluminum, black anodized clamp fits our 148-020 Rock Guard and a tube diameter of 1¼".
 148-021 7.95

SEE PAGES
118-129
FOR MORE
FUEL
DELIVERY



FUEL FORWARD

Fuel Forward Tank Tail System

14 gallon tank with 8 gallon bladder. Includes hard plastic FF shell, foam plug, FF bladder, flush mount cap assembly, nut rings, cover plate, gaskets, 14-140 bulkhead, pick-up hose and hardware.

14-125	6AN ALCOHOL (ONLY)	\$1,359.00
14-1252	8AN ALCOHOL (ONLY)	\$1,359.00
14-126	GASOLINE (ONLY)	\$1,359.00



Raised Fuel Cap Assembly

Lightweight design with threaded cap keeps dirt out. Top plate has one -8 and two -6 threaded holes to accommodate returns. Rollover/vent valves are machined into the cap. Requires (2) 41-581406 9/16" O-ring Port Plugs and a 41-985068 3/4" O-ring to 6AN Fitting for the return line. Fittings not included.

42-120 \$195.00



Flush Mount Fuel Cap Assembly
Filler plate with vent and cap.

42-131 \$197.00



Flush Mount Fuel Cap

42-132 \$119.00



Bolt Kit for Cap Assembly

42-135 \$8.00



Flush Mount Fuel Cap O-Ring

42-134 \$1.00



Vent/Check Valve for 42-131

42-125 \$39.95

HBS Fuel Filter with Shut Off Valve is for use inline before the fuel pump. High flow built-in ball valve flows enough fuel for a -12AN system. Pleated, stainless steel 100 micron element is very effective at stopping debris. O-ring seal design eliminates the need for a loading spring. Shiny, durable anti-corrosion black anodizing and HBS etching finishes the perfect filter.



HBS Fuel Filter with Shut Off Valve

88-182 -8 AN \$149.00

HBS FILTER ELEMENTS & O-RING

Pleated Element for HBS Filter	88-181	\$45.00
O-Ring for HBS Fuel Filter End Cap	88-187	\$.75
O-Ring for Filter Element	88-188	\$.75

HBS Fuel Shut Off Valve is as good as they get. Incredibly smooth actuation and accurate sealing with splined indexable handle makes it top of the line.



HBS Fuel Shut Off Valve

Choice of -6 AN or -8AN male inlet and outlet.

41-240	6AN (3/8")	\$65.00
41-241	8AN (1/2")	\$65.00



Bladder Tank Bulkhead, 8AN

14-146 \$48.00



1" I.D. Silicone Heater Hose, 40" Length

81-0301	BLACK	\$25.50
81-0302	RED	\$25.50
81-0303	BLUE	\$25.50



1/2" I.D. Silicone Heater Hose, 40" Length

81-0311	BLACK	\$17.50
81-0312	RED	\$17.50
81-0313	BLUE	\$17.50



Champion Poly Freeze Coolant
74-380 \$22.95



40 Below

Reduces coolant temperature up to 40 degrees. Mix 1 bottle per gallon of water. Do not mix with coolant.

77-905 32 OZ. \$26.80

FULL LINE OF
FITTINGS & HOSE
LOCATED ON
PAGES 124-129



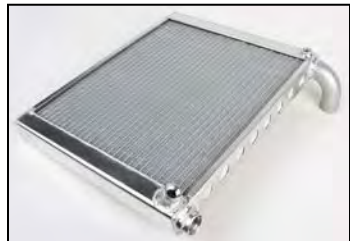
Double Thick Lightning Sprint Laydown Radiator with Fan
Includes fan and 816-027 cap.
817-111 \$613.50



Lightning Sprint Laydown Radiator with Fan
Includes fan and 816-027 cap.
817-110 \$35.00



Lightning Sprint Laydown Radiator Fan 12"
Super high quality low profile fan. 13.25" high x 12.65" wide x 2" deep. Uses 7 amps. Provides 861 CFM. Water proof, long life motor.
817-112 \$89.95



Midget Laydown Radiator
817-100 \$350.00



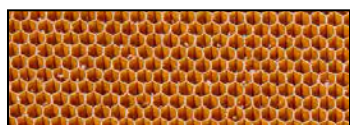
Lightning Sprint/Midget Double Thick Radiator Channel
148-183 \$50.00



Midget Radiator Reservoir
Uses full size cap: 817-205 or 817-205-1, sold separately.
817-200 \$89.00



Midget Radiator Channel
148-182 \$50.00



Radiator Honeycomb 19" x 26"
816-300 \$29.00



Lightning Sprint/Midget Radiator Tray
148-180 \$95.00



1" I.D. Heater Hose
81-030 PER FOOT \$7.25
1/2" I.D. Heater Hose
81-031 PER FOOT \$3.55



1" 90° Hose
816-110 \$14.25



Coolant Hose Clamp
Stainless steel worm drive clamp fits 1" heater hose.
15-3022 \$.99

Small Caps fit the mini (32mm I.D., 16mm deep) filler neck.

Large Caps fit the full size SAE "A" size (2 1/8" O.D., 3/4" deep) filler necks.



Stant Small Radiator Cap
816-027 22-24 POUND \$22.30
816-028 28-32 POUND \$21.50



Small Radiator Cap
816-0271 22-24 POUND \$11.50



Large Radiator Cap
817-205 21-25 POUND \$21.50
817-205-1 21-25 POUND \$8.99



Autometer In-Dash Coolant Temperature Gauge for 600cc
1/2" NPT fitting. Liquid filled.
816-102 \$149.00



1/2" NPT Adapter for 816-102
816-205 \$14.95

HBS Series Hose is lightweight and super high quality. Easy to install. Makes a tight bend without kinking. Incorporates stainless steel braiding inside for strength, safety, and dimensional stability.



HBS BLACK LIGHTWEIGHT HOSE

HBS Lightweight 3/4" (-12) Hose (per foot) **413-107 \$11.95**

HBS Lightweight 1" (-16) Hose (per foot) **413-108 \$17.45**

HBS Fittings are hard anodized for good looks and long life. 100% American made, billet CNC machined. Innovative design for really easy assembly.



HBS FITTINGS

HBS 12AN to 3/4" (-12) Straight **413-125 \$13.95**

HBS 16AN to 1" (-16) Straight **413-127 \$21.45**

HBS 12AN to 3/4" (-12) 90° **413-138 \$22.90**

HBS 16AN to 1" (-16) 90° **413-140 \$39.50**

Seat Mounting Clamps allow precise placement of seat for maximum comfort. Measurements are from center of 1" tube to face of end tab.



Seat Mounting Clamp Assembly
18-745 1 5/8" SHORT \$28.00
18-746 2 5/8" MEDIUM \$31.00
18-747 3 5/8" LONG \$34.00



Upper Seat Belt Bar
18-775 \$44.75



Seat Mounting Clamp Body
18-751 1 5/8" SHORT \$10.75
18-752 2 5/8" MEDIUM \$14.15
18-753 3 5/8" LONG \$15.95



Upper Seat Bolt Kit
 For use with our upper seat clamps. 2 bolts are included with this kit. (2) 5/16"-18 x 1" button head cap screws, (2) 5/16"-18 nyloc nuts, (2) 3/8" hard washers.
18-754 \$2.25

shop talk

adjustable upper seat belt bar

Most of the welded-in upper seat belt bars are in a "one size fits all" position. We designed the adjustable upper seat belt bar to accommodate variation in driver shoulder heights. This bar should be located level with the driver's shoulders for improved safety.



Kirkey Adjustable Full Containment Seat features unique 3-part design for maximum vertical customization adjustment. Available in 12", 13", 14", 15" and 16" sizes. 10° layback.

- Seat has 3" of vertical torso and shoulder height adjustment.
- Head restraint has 2" of vertical adjustment, 1 1/2" of lateral adjustment. Head restraint has 1/2" horizontal adjustment so right head pad can be moved closer to helmet. Head restraint can be pivoted down for additional peripheral vision.
- Mounting instructions and detailed drawing with measurements found at hyperracing.com.

KIRKEY ADJUSTABLE FULL CONTAINMENT SEATS & COVERS

Adjustable Full Containment Seat with Cloth Cover

12" Kirkey Seat with Cover	18-005	\$639.00
13" Kirkey Seat with Cover	18-001	\$639.00
14" Kirkey Seat with Cover	18-002	\$639.00
15" Kirkey Seat with Cover	18-003	\$639.00
16" Kirkey Seat with Cover	18-004	\$639.00

Kirkey Black Cloth Seat Cover

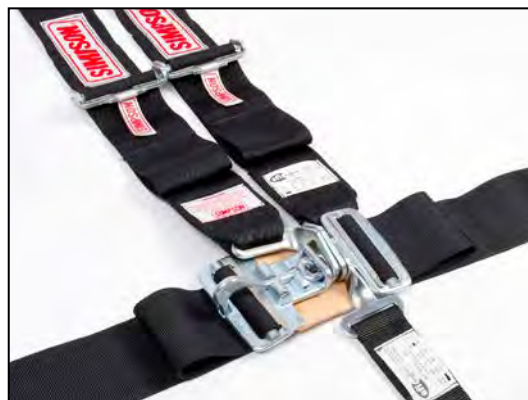
Cover for 12" Kirkey Seat	18-009	\$159.00
Cover for 13" Kirkey Seat	18-010	\$159.00
Cover for 14" Kirkey Seat	18-011	\$159.00
Cover for 15" Kirkey Seat	18-012	\$159.00
Cover for 16" Kirkey Seat	18-013	\$159.00



Simpson Lightweight Seat Belts

Complete Simpson Lightweight Belt Kit weights just 4 pounds! Saves 1.2 pounds over regular belt kit. Adjust with ease with pull-down style 2" shoulder belts and weight saving forged aluminum latch. These truly are the best quality seat belts available. Wrap around style.

90-020 \$299.00



Simpson 62" Latch F/X 5-Way Seat Belts

Latch F/X System is lightweight and compact. Pull down 3" shoulder and lap belts with 2" bolt-in sub belt. Wrap around style.

90-29072-BLAC \$139.95

Kirkey Head Support can be easily installed on any non containment seat and make it even safer and more comfortable. This side support is made out of the same grade of aluminum as the Kirkey seats. Cover sold separately.



Kirkey Head Support, Right
18-500 \$25.90

Black Tweed Cover for 18-500
18-502 \$15.50

Rear Engine Mount Slider Kits for 1000cc include $\frac{3}{8}$ " thick aluminum plates, spacers and bolts. Optional upgrade to titanium rear engine bolts saves 10 ounces! Ask your representatives or select when you order online.



REAR ENGINE MOUNT SLIDER KITS FOR 1000CC ENGINE

'04-'05 Kawasaki ZX-10R	656-500	\$169.00
'07-'08 Suzuki GSX-R1000	656-551	\$169.00
'09-'16 Suzuki GSX-R1000	656-552	\$169.00
'17 and up Suzuki GSX-R1000	656-5521	\$241.00
'04-'16 Yamaha YZF-R1	656-575	\$169.00
'17 and up Yamaha YZF-R1	656-578	\$169.00
'08 and up Honda CBR1000	656-553	\$169.00



6AL4V Ti

Engine Bolt Kit, 600cc/1000cc Rear, Titanium

Includes $\frac{3}{8}$ "-16 x $8\frac{1}{4}$ " (3), $\frac{3}{8}$ " nuts (3), $\frac{7}{16}$ "-20 x $8\frac{1}{4}$ " (2), $\frac{7}{16}$ " nuts (2), $\frac{7}{16}$ " hardened washers (4), $\frac{3}{8}$ " washers (6) and nut bar. Only the bolts are titanium. See torque recommendations on hyperracing.com.

656-206Ti \$79.00



MIDGET FRONT ENGINE MOUNT

Esslinger	148-160	\$39.00
Fontana	148-165	\$39.00
Chevrolet	148-170	\$39.00



Engine Bolt Kit, 600cc/1000cc, Rear
 $\frac{3}{8}$ "-16 x $8\frac{3}{8}$ " grade 8 bolts (2), $\frac{3}{8}$ " nuts (2), $\frac{7}{16}$ "-20 x $8\frac{3}{8}$ " grade 8 bolts (2), $\frac{7}{16}$ " nuts (2), $\frac{7}{16}$ " hardened washers (4), and $\frac{3}{8}$ " washers (2).

656-206 \$39.50



MIDGET ENGINE PLATE

Esslinger	148-152	\$195.00
Chevrolet	148-153	\$195.00
Fontana	148-154	\$195.00
Toyota	148-1541	\$195.00
SR11	148-1545	\$195.00
Ford Focus	148-1546	\$195.00



FRONT ENGINE MOUNT FOR 1000CC ENGINE

'05-'06 GSX-R1000	656-560	\$189.00
'09-'16 Up Yamaha R1	656-561	\$189.00
'07-'08 GSX-R1000	656-560-1	\$189.00
'09-'16 GSX-R1000	656-560-2	\$189.00
'17 & Up GSX-R1000	656-560-3	\$189.00
'08-'16 Honds CBR1000	656-563	\$189.00



Lightning Sprint Complete Chassis Bolt Kit

157-100 \$110.00

Engine Jacker Bolts are $\frac{7}{16}$ "-14 fully threaded. Available in titanium or grade 8 with jam nut.



6AL4V Ti

Engine Jacker Bolt, Titanium
65-300Ti \$9.50



Engine Jacker Bolt
 $\frac{7}{16}$ "-14 fully threaded bolt, jam nut.
65-300 \$4.50

MORE TITANIUM HARDWARE LOCATED ON PAGES 112-113



K&N Filter for 1000cc Airbox
600-513 \$81.00

Foam Prefilter for 1000cc Injections
601-005 \$20.00



Tel Tac II Digital Tachometer
 For Midgets. Digital readout with memory recall. Uses a 9-volt battery. Compatible with 4, 6, and 8 cylinder magnetos including MSD, Vertex, and Mallory. Glow in the dark screen.

604-050 \$359.00



Dry Sump Oil Tank Mounting Bracket, 6" (each)
807-100 \$39.00



Oil Tank Mount for Midget
807-090 \$45.00

shop talk

like, follow, subscribe

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[@GoHyperRacing](https://www.facebook.com/GoHyperRacing)
[@hyperracing44](https://www.instagram.com/hyperracing44)
[@HyperRacing44](https://www.tiktok.com/@HyperRacing44)

Hyper Racing is proud to partner with Champion Brand Oil to bring you some amazing new products and some age proven classics. Champion Brands has been a globally recognized industry leader in specialty lubricants for over 60 years. Champion also produces and blends more than 300 products for the automotive, heavy truck, agricultural and specialty markets.

Champion Brand Oils generously supports the 600 Sprints with sponsorship in Pennsylvania. Thank you Champion Brand Oils!

When asked to provide us with an oil for our unique needs, Champion was all ears. **Champion's Fully Synthetic Micro Sprint Racing Oils** are the first purpose-built engine oils specially formulated to provide unmatched protection and performance 600 Sprint engines. Hyper Racing has performed extensive testing with this oil on our dyno and on-track. It gets our enthusiastic 5-star approval. While we do see some horse power gains on the dyno, we feel the real advantage is in the protection and longevity it provides.



Champion Poly-7 Red, Ultra Tacky High Temp Lithium Grease
Incorporates polymers, premium additives, hydro-treated base oils and a lithium complex thickening system for a tacky, multi-purpose high temperature grease.
74-332 \$6.85



Champion Chain Lube, 14 oz.
We tested this chain lube on the dyno and on the race track many times under various conditions. Our tests conclude that it provides excellent lubricity and has very minimal sling-off. We give it two thumbs up. Works well with o-ring chains and roller chains and on shock adjuster cables.
74-095 \$9.75



Champion Micro Sprint 10W-40 Full Synthetic Oil, 32 oz.
74-195 \$12.95



Champion Micro Sprint 20W-50 Full Synthetic Oil, 32 oz.
74-200 \$12.95



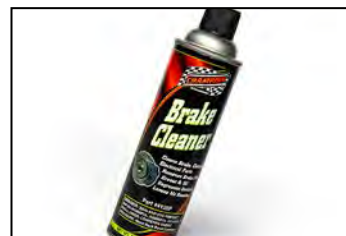
Champion Poly-7 Green, High Temp Lithium Grease
Ultra-heavy duty hi-temp grease made using refined petroleum stocks, co-polymers and advanced lithium complex additives including "A-7" for the ultimate in lubrication. Resists moisture and water washout.
74-330 \$5.95



Champion 600 Series Racing Brake Fluid, 12 oz.
580° high performance brake fluid. Meets and exceeds DOT4 specs.
36-114 \$13.50



Champion Non-Chlorinated Brake Cleaner, 15 oz.
45% VOC non-chlorinated pro-strength cleaner removes grease, oil, brake fluid and contaminants instantly. Leaves no residue.
74-300 \$3.75



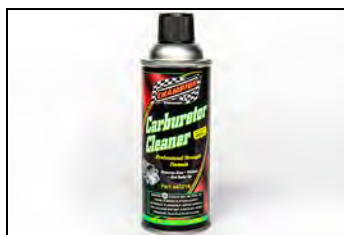
Champion Brake Cleaner, 19 oz.
Removes grease, oil, brake fluid and other contaminants instantly. Leaves no residue. Contains perchloroethylene.
74-301 \$5.95



Hyper Fuel System Lube by Champion, 4 oz.
Highly recommended for cleaning and servicing injector nozzles, fuel pumps, fuel filters, fuel lines, and injector rails. Other products can cause nozzles to stick and fail.
77-007 \$3.95



Champion High Gloss Sprint Wax, 22 oz.
74-340 \$9.85



Champion Carburetor Cleaner, 12 oz.
Professional strength 45% VOC Carburetor Cleaner restores carburetor performance by removing gum, carbon deposits and dirt build-up.
74-320 \$3.85



Champion RX-454 Penetrant, 9 oz.
Liquid spray penetrates, lubricates and stops rust.
74-325 \$4.95



Champion Glass Cleaner, 19 oz.
74-345 \$4.95



Ultrasonic Cleaner Fluid Concentrate (8 oz.)
Makes 1 gallon, mix with water.
80-676 \$10.95



Champion Poly Freeze Coolant
74-380 \$22.95

DAYLube™ delivers unmatched performance, durability and wear resistance. NanoCeramic particles act as submicroscopic ball bearings providing continuous lubrication. DAYLube™ has extraordinary staying power with adhesion that extends protection up to 10 times that of other greases and shear stability that does not soften or run out.

Try DAYLube™ and see if you like it as much as the Hyper Team does! We use it for greasing bearings, torsion bars and steering shafts.

Convenient, clean 1 oz. syringe can be refilled. 16 oz. tube fits a standard grease gun.



DayLube™ NanoCeramic Racing Grease, 16 oz. Tube
77-800 \$54.00



DayLube™ NanoCeramic Racing Grease, 1 oz. Syringe
77-805 \$19.95



K&N Air Filter Cleaner
Tried and true! Designed specifically for K&N filters. Also works really well as a multi-purpose cleaner and degreaser for around the shop.
77-507 32 OZ \$13.95

K&N Air Filter Oil Spray
Specifically for K&N filters. Formulated to improve air filter performance. Quickly penetrates and saturates the filter pleats.
77-506 12 OZ \$10.75



Motul C3 Off Road Chain Lube
74-101 9.3 OZ \$12.55



Bel-Ray Foam Filter Oil
The Hyper Racing Team uses this oil on K&N paper filter elements as well. We find it does not get pulled into the engine (carrying the dirt with it) like the paper element oil can. Easy to apply and improves airflow. Traps microscopic particles to extend engine life. Waterproof formula prevents clogging when wet.
77-505 400 ML \$11.95



Maxima Castor 927 High Performance 2-Cycle Oil
Blend of refined castor oil, synthetic and additives. Reduces carbon and gum formation. Provides excellent rust and corrosion protection. Keeps power valves cleaner and working properly. Holds up to high temps.
77-155 16 OZ \$19.95



Klotz Flex Drive 30
Bottom end lubricant for 2-stroke racing engines.
77-200 32 OZ \$15.95



Motul 300V 10W-40 Motor Oil
100% synthetic 4-Stroke motorcycle racing engine oil. Takes advantage of the ESTER Core® Technology to ensure you maximum power output of the engine without compromising the reliability and the wear. Esters combined with an innovative additive package create a perfect synergy dedicated to the engine, gearbox and clutch.
77-050 GALLON \$79.00



Rotella T 15W-40
Recommended for Spar Engines.
77-962 GALLON \$27.00



Yamalube 10W-50 Semi-Syn
77-040 32 OZ \$14.95
STP Oil Additive
77-960 15 OZ \$6.85



40 Below
Reduces coolant temperature up to 40 degrees. Mix 1 bottle per gallon of water. Do not mix with coolant.
77-905 32 OZ \$26.80

Pro Blend
Top end lube for 600/1000cc. Not compatible with oxygen sensors!
77-903 16 OZ \$23.95



Wilwood EXP 600 Plus Super HiTemp Brake Fluid
Highest ERBP dry boiling point of any brake fluid for protection against fade. Stays cleaner longer. The best racing brake fluid...period.
36-116 16.9 OZ \$19.95
Wilwood HiTemp° 570 Brake Fluid, Dot 3
36-115 12 OZ \$8.10



Loctite Anti-Seize, 1 oz.
Anti-Seize helps the screw force be translated to clamping force to keep clamps from moving. Use on titanium bolts and radiator fittings to keep them from galling.
77-790 \$11.95



Bulldog Blood Gear Oil
07-500 32 OZ \$15.95
KSE Elixir Power Steering Fluid
For hydraulic power steering systems.
167-215 QUART \$15.75

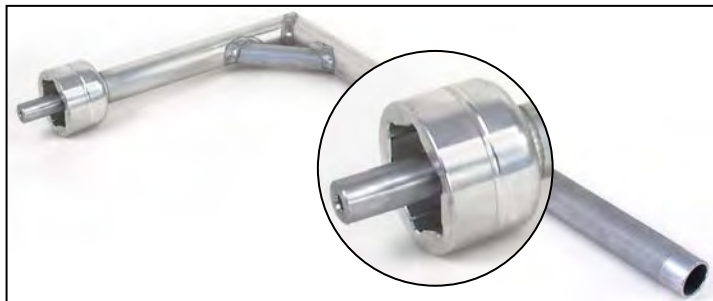


Petro Spray Polish
76-130 \$13.95
Petro Carburetor Cleaner
76-100 \$9.45



Bead Breaker

- 80-003 10" WHEELS **\$79.00**
- 80-004 13" WHEELS **\$79.00**



One Piece Wheel Wrench for 2" Axle

- 2.25" hex. **06-800 \$156.00**

One Piece Wheel Wrench for 1 3/4" Axle, 05-Series Nuts

- 1" pilot shaft, 1.9" hex. **05-138 \$156.00**

One Piece Wheel Wrench for 1 3/4" Axle, 054-Series Nuts

- 7/8" pilot shaft, 2.0" hex. **05-139 \$156.00**



Professional Tire Siping Tool

Make the small close sipes that really make a difference in how your tire performs. Sipes easily and accurately with control and visibility. Cut sipes and small grooves. Adjust and change blades quickly.

- 80-222 \$219.00**



Siping Blades for 80-222

24 break away blades for a fresh blade every time.

- 80-223 \$15.40**



10' Stagger Tape

10' x 1/4" flexible tape measures tire circumference.

- 80-002 \$6.95**

Pro Tire Groover puts the operator in complete control with pressure activated heating element. Unlike other groovers where a very hot portion of the tool makes direct contact with the tire surface, only the heated blade touches the tire. This helps to prevent heat degradation to the rubber so that the new edges created by cutting grooves are as durable as possible. Blade heats up in three seconds and cools fast. Cuts like butter. Change blades in seconds. One head fits all blade sizes. Four heat ranges. Includes 2 of each blade: #4, #6, #8, #10.



Professional Tire Grooving Iron

- 80-219 \$389.00**



PRO GROOVING BLADES

12 blades per pack.

- VF#1 Pro Blades 1/32" 80-225 \$19.95
- VF#3 Pro Blades 3/32" 80-227 \$14.95
- VF#6 Pro Blades 3/16" 80-230 \$14.95
- VF#8 Pro Blades 1/4" 80-232 \$14.95
- VF#10 Pro Blades 5/16" 80-234 \$14.95



10' Tape Measure

- 80-001 \$7.45**



Standard Tire Grooving Iron

Renew older tires! Freshly grooved tires heat up and stick quicker. Then, sipes allow heat to dissipate, avoiding tackiness. Includes #5 head and pack of blades.

- 80-250 \$109.95**

STANDARD GROOVING HEADS & BLADES

#2 Head	80-251	\$15.75
#3 Head	80-252	\$13.95
#4 Head	80-253	\$13.95
#5 Head	80-254	\$14.95
#6 Head	80-255	\$19.40

12 blades per pack.

#2 Blades 3/32"	80-256	\$12.95
#3 Blades 5/32"	80-257	\$12.95
#4 Blades 7/32"	80-258	\$12.95
#5 Blades 9/32"	80-259	\$12.95
#6 Blades 3/8"	80-260	\$14.95
#10 Blades 9/32"	80-262	\$14.95

Grinding Accessories are the ultimate tool in tire prep.



24 Grit 7" Grinding Wheel

- 80-650 \$22.50**



7" Backing Pad

- 80-651 \$65.00**



5/8"-11 Retainer Nut

- 80-658 \$13.95**

Pressure Gauges: Pick up one for the garage and one for the trailer!



Longacre Analog Tire Pressure Gauge, 0-15 psi

Reads in 1/4 lb increments, includes both angle and ball chucks and dual bleed buttons for faster setting.

80-0012 \$49.99



Longacre Digital Tire Pressure Gauge, 0-60 psi

Pressure reading always active: no hold button. 2" face, large numbers. Air pressure release button. 14" hose with angle chuck and ball chuck. Switches to metric.

80-0013 \$39.99



Tire Offset Stick

Used to measure tire offset. Bump the edge against the frame rail and measure to the center of the tire. More accurate than a tape measure because it does not have to be held at an angle to see exactly where the tire is located.

80-417 \$28.00



Wood Dowel Fuel Stick

Markings are machined and will not come off.

80-418 \$9.90

Get the same tools the pros use!



Tire Durometer easily, quickly and accurately determines a tire's hardness. Tire hardness has a huge effect on your car's performance. A tire that is too hard won't bite and a tire that is too soft will wear and feather up. Tire hardness changes during its life cycle, making this tool invaluable.

- Reads 0-100 points
- Non-slip coating for better grip
- Calibration test block included
- Dial can be zeroed
- Includes both silver hard carrying case and soft pouch.
- For the most consistent results rock the durometer from angled back past straight up to angled forward. The pointer will move up to the highest (true) reading, then back down. Record the highest reading reached.

Tire Durometer 80-005 \$68.00

Plug and Cap Kit includes 10 caps and 10 plugs. For use on fittings when disconnected so they do not leak.



6AN Plug & Cap Kit 80-100 \$11.95

6AN Plug & Cap Kit 80-101 \$11.95



5 Gallon Jug (specify color) Polyethylene construction. Cap features o-ring seal and removable plug for attaching filler hose. 9" wide, 21" tall. Actual capacity is 5.5 gallons to allow room for mixing oil. Select red or white.

80-400-1 RED \$39.50

80-400-2 WHITE \$39.50



Fuel Jug Cap 80-401 \$16.90

O-Ring for Fuel Cap 80-4011 \$1.50



Triangular Shaped Funnel 10" opening and anti-slosh lip.
80-405 \$23.95

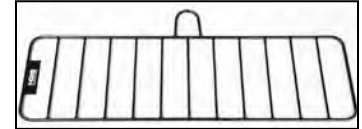


Funnel Filter Stainless steel element.
80-406 \$32.40

Bolt-On Halo is constructed from chromoly steel and powder coated black.



Reinforced Bolt-On Cage Halo for '07 & up Hyper 600cc
12-405 \$220.00



Rock Guard Fits Midget, Lightning Sprint and 600cc. 25" wide x 7 1/2" tall. Powder coated black.
148-020 \$89.00



Rock Guard Clamp Better than zip ties! Aluminum, black anodized clamp fits our 148-020 Rock Guard and a tube diameter of 1 1/4".
148-021 7.95

Crash Pad adjusts to fit seats from 18" to 14" width. Thickness can be adjusted from 2" to 1" by removing 1/2" layers.



2" Crash Pad with Lumbar Back Pad
90-200 8" LUMBAR \$254.00
90-205 20" LUMBAR \$263.00

RACEceiver is being mandated at short tracks all over the country. This small communication device is revolutionizing the industry, making the sport safer and saving time by allowing officials to talk to all the drivers simultaneously.

Virtually all tracks today use frequencies between 450-470mhz, and the RACEceiver handles all of them! Both models feature button lock and louder audio. RACEceiver Element has the rechargeable battery. Pick the earpiece (not included) that suits your needs.



RACEceiver Element
Includes belt clip holster, built-in rechargeable battery, charging cord, and instructions.
80-011 \$129.00



RACEceiver Fusion FD1600+
Includes belt clip holster and AAA battery, which provides enough power to get through an entire day of racing.
80-010 \$99.99



Earbuds for Raceiver
Universal 3.5mm jack, 42" cord. Ultra soft earbuds.
80-020 \$14.95



MyLaps Transponder Bracket
80-060 \$14.95



3M™ Dual Lock™ Reclosable Fastener
Positive locking, quick, easy and professional way to mount electronics. Self-adhesive 16" piece, enough for 8" of coverage.
80-120 \$5.95



Motion Pro PBR Chain Tool
Press, break and rivet with one convenient, professional grade tool. Case and spare pin included.
80-311 \$104.00



Motion Pro PBR Chain Breaker Pin
80-312 \$8.90



Motion Pro Chain Breaker
80-300 \$31.50



Motion Pro Chain Breaker Pin
Fits 80-300 PBR Chain Breaker.
80-301 \$6.50



Motion Pro Chain Alignment Tool
Tool body clamps squarely to rear sprocket. 7/4" rod indicates sprocket alignment to chain.
80-313 \$16.50

Extended Rod for 80-313
15 3/4 long rod for ease of use.
80-314 \$10.95

Racing Optics X Stack Laminated Tear-off System is the world's most optically advanced tear-off system composed of a 2 mil thick, 10-layer tear-off stack. Each sleeve contains 3 stacks of 10 distortion free tear-offs for a total of 30 tear-offs per sleeve. Eliminate the chance of ripping off all your tearoffs at once



**RACING OPTICS XSTACK
3 STACKS PER SLEEVE**

10201 (sleeve)	80-560	\$29.99
<i>Simpson Voyager, Side Pro Elite</i> 11 1/2"		
10204 (sleeve)	80-561	\$29.99
<i>Simpson RX, Super Bandit, Diamondback, Raider</i> 11 1/2"		
10205 (sleeve)	80-562	\$29.99
<i>Bell BR1, M4, K1 Vortex, Sport with 276/281/288 shield, Pyrotec, G-Force</i> 12 3/8"		
10206 (sleeve)	80-565	\$29.99
<i>Fits the Bell GTX .3, GTX.3 Carbon, GP3, GP.3 Carbon, GT.5 Touring, with SE03/SE05 shield</i> 11 1/2"		
10208 (sleeve)	80-568	\$29.99
<i>Bell GTX.2, Dominator.2, GP2, Star GP, Star Infusion with 287 shield, Zamp FSA/RZ</i> 12 1/8"		
10209 (sleeve)	80-569	\$29.99
<i>Simpson Shark, Vudo, Invader, Valor, Sting Ray, Sidewinder, K10, Devil Ray, Air Enforcer, Voyager Evolution, Impact Air Draft, Super Sport, Spider, Wizard, Euro Sport</i> 12 3/4"		
10218 (sleeve)	80-569-1	\$29.99
<i>Arai GP6, SK-6</i> 12 3/4"		
10230 (sleeve)	80-570	\$29.99
<i>Impact Vapor, Air Vapor, Charger, Super Charger, Draft</i> 11 7/8"		
10237 (sleeve)	80-575	\$29.99
<i>Impact Bell RS7/HP7 with SE07 Shield/Draft</i> 12 7/8"		



Racing Optics Tearoff Posts
Adjustable, tapered aluminum posts with smooth edges for snag free removal of up to 35 laminated tearoffs. Includes hardware.
80-580 \$15.65

Ultra Shield Tearoffs™ are 2 mil thick clear plastic providing a tight, wrinkle free fit and maximum visibility without distortion.



ULTRA SHIELD TEAR-OFFS

1201 (case of 200)	80-501	\$24.90
<i>Some Simpson, Arai, many off brand</i> 11 1/2"		
1202 (case of 200)	80-502	\$24.90
<i>Bell Vortex, GT, BR.1, M4, K1 Sport, Sport, Pyrotec, G-Force</i> 12 3/8"		
1203 (case of 200)	80-503	\$24.90
<i>Simpson SX, Voyager Jr., Shark, Shoei</i> 11 1/2"		
1204 (case of 200)	80-504	\$24.90
<i>Simpson RX, Bandits (notch nose)</i> 11 1/2"		
1208 (case of 200)	80-508	\$24.90
<i>Simpson Old Bandits, Sparco</i> 12"		
1209 (case of 200)	80-509	\$24.90
<i>Simpson Shark, Sting Ray, Voyager Evolution</i> 13"		
1213 (case of 200)	80-510	\$24.90
<i>Simpson Super Shark, Vudo, Impact Air Draft SS, SS/A, Spider, Z9-APX</i> 13"		
1214 (case of 200)	80-51011	\$29.50
<i>Impact Vapor, Charger, Z9-AKR</i> 11 3/4"		
1215B (case of 200)	80-5102	\$29.50
<i>Impact Big Champ</i> 11 3/4"		



Ultra Shield Posts, Plastic
80-550 \$4.00

Finally! Squaring done simply and easily with just one person!

Our Deluxe Chassis Squaring Kit for 10" or 13" Wheels will allow one person to quickly, accurately and easily square the axles, set toe, measure wheel base, and block the axle to set turns. As the car tilts and pitches, the axles change their position. These blocks and plates allow simulation of different ride heights, so you can square your axles in the same position the car is when it is on the track.

The front plates bolt onto your front hubs, while the rear blocks (right side is higher to simulate stagger) hold the rear axle on the gold spacers that replace the rear wheel centers. The adjustable setup blocks, set at different heights to simulate wedge and pitch, go between the bottom frame rail and the ground. A special machined rod slides perfectly into the hollow rear torsion bar to provide an accurate and easy line to measure from to square the rear axle.

Front plates and rear squaring blocks have a machined slot locating the center of the axles. Hook the included 10' tape measure on the slot

and measure to the other axle to accurately determine the wheelbase. No more calculators!

The front plates also provide an easy way to measure toe. Simply hook the tape measure over to the backside of the one plate and measure over to the backside of the opposite plate. Repeat on the front side and the difference is the toe. All done simply and accurately with just one person.

For 10" wheels, choose 1/4" or the 2" axle version of this product. If you already have set-up blocks, order 80-602 for 10" wheels or 80-627 for 13" wheels.



CHASSIS SQUARING KIT FOR 10" WHEELS

Deluxe Chassis Squaring Kit (10", specify 1/4" or 2" axle)	80-6021	\$329.00
Chassis Squaring Kit (10", specify 1/4" or 2" axle)	80-602	\$204.00
Does not include set-up blocks.		
2" Wheel Replicator Spacer	80-606	\$16.25
1/4" Wheel Replicator Spacer	80-607	\$6.50
Squaring Rod	80-610	\$31.00
Squaring Plate, Left, for 10" Wheel	80-609	\$29.00
Squaring Plate, Right, for 10" Wheel	80-6091	\$29.00
Squaring Block Assembly, Right Rear, 10" Wheel	80-6031	\$49.00
Squaring Block Assembly, Left Rear, 10" Wheel	80-603	\$49.00

Set-Up Blocks are adjustable from 1" to 3 1/4" at 1/4" increments with many 1/8" increments. 1 5/8", 1 7/8", 2 1/8", 2 5/8", 2 7/8", 3 1/8" heights are provided. CNC machined aluminum, anodized, post machined.

CHASSIS SQUARING KIT FOR 13" WHEELS

Deluxe Chassis Squaring Kit for 13" Wheels	80-626	\$399.00
Chassis Squaring Kit for 13" Wheels	80-627	\$249.00
Does not include set-up blocks.		
2" Wheel Replicator Spacer	80-606	\$16.25
Squaring Rod	80-610	\$31.00
Squaring Plate, Front Left, 13" Wheel	80-630	\$49.00
Squaring Plate, Front Right, 13" Wheel	80-631	\$49.00
Squaring Block Assembly, Right Rear, 13" Wheel	80-634	\$54.00
Squaring Block Assembly, Left Rear, 13" Wheel	80-633	\$54.00

5 1/2" Set-Up Blocks are adjustable from 2" to 5 1/2" at 1/4" increments with many 1/8" increments. Ideal for Lightning Sprints and Midgets. CNC machined aluminum, anodized, post machined and laser etched.



Set-Up Blocks (set, as shown)
80-600 **\$79.50**



5 1/2" Set-Up Blocks, (set, as shown)
80-616 **\$89.99**

press play

WATCH: CHASSIS SQUARING KIT VIDEO



Pin for Set-Up Blocks
80-601 **\$4.25**

SQUARING KIT INSTRUCTIONS ON PAGES 192-193

Torsion Bushing Reamers are a necessity. Avoid handling problems caused by a bound up bar by properly reaming your torsion bushings.



Torsion Bushing Reamer, with Pilot Shaft
With its pilot shaft, this reamer will locate accurately for a perfect fit. Hardened cutter will last years. 3/4" hex easily cuts through nylon, aluminum, bronze.

40-230 7/8" \$239.00

40-231 1" \$239.00



ADJUSTABLE REAMER FOR TORSION BUSHINGS

Reamer 7/8" Bushing 80-320 \$59.00

Reamer 3/4" Bushing 80-322 \$57.00

Reamer 5/8" Steering Bushing 80-324 \$59.00



RADIUS ROD TAPS

3/8" Right Hand Tap 01-551 \$8.03

3/8" Left Hand Tap 01-552 \$9.99

7/16" Right Hand Tap 01-553 \$9.95

7/16" Left Hand Tap 01-554 \$13.90

1/2" Right Hand Tap 01-555 \$14.00

1/2" Left Hand Tap 01-5551 \$15.25



Torsion Bushing Installation Tool
Fits 40-226 or any 7/8" torsion bar bushing. This tool works really well for installing the left rear bushing on the Hyper X6 and X7 Chassis.
40-227 \$12.00



24-7 support

Get 24-7 access to set-up notes, assembly manuals, and tech information at www.hyperracing.com.

SFI 45.1 Rated Roll Bar Padding has been proven to lessen impact forces transmitted to the head. Recommended for use on all race chassis where the helmet may contact the roll cage. Designed for installation between the helmet and the roll bar. This padding is extremely stiff and rigid. It does not give except in very hard impacts. It is intended to cover only one side of the bar (the side between the bar and your helmet).

The half-round "C" shape covers one side of a tube between 1/8" and 1/2" diameter (Hyper's roll cage diameter is 1/4"). The inside surface is lined with a peel-and-stick adhesive. We recommend backing up this adhesive with a few zip ties.



SFI Roll Bar Padding, 3' length, 1.2"-1.5" Bar
90-400 **BLACK** \$29.50

90-401 **BLUE** \$29.50

90-402 **RED** \$29.50



Stroke Gauge

Check the stroke in an engine without removing the head. Spark plug needs to be removed. Maximum stroke 100mm. 10mm x 1.0mm thread size. Adapter is available to screw on to the 10mm thread for a 14mm x 1.25mm. SPI Digital Caliper with inch and metric readout is detachable for other uses.

80-705 \$295.00

80-708 10MM TO 14MM ADAPTER \$34.00



Bore Gauge

Check the bore in a 600cc engine without removing the head. Fits through a 10mm threaded spark plug hole. Choose maximum bore 70mm or 100mm.

80-700 70MM \$295.00

80-702 100MM \$349.00

Car Stands are powder coated black and made from 4130 chromoly. Rubber pads protect frame and keep it from sliding on stand. Vertical tabs keep stands under frame and provide safety. Casters allow you to push your car around with ease.



Car Stands with Casters (pair)

80-155 \$219.00



Car Stands (pair)

80-150 \$159.00

Are you ready to take your racing program to the next level? Our **Trackside Companion App** allows you to enter a complete setup for many different types of race cars. Enter as much or as little information as you want. Log in, save the setup sheet, and recall it anywhere, anytime.

Trackside Companion can be viewed, edited and saved on your smart phone, at hyperracing.com or through our Android or iOS app. With the app you do not need a cellular connection. Once connected to cellular, your setups will be uploaded to our website where you can then view, edit and print your sheets.



Trackside Companion
VISIT THE APP STORE

\$199

Hyper Racing Logo Decals are available in white, red, blue, or yellow and are printed on quality vinyl to last the season. Stick them everywhere! Black outlines make these decals pop on any color.



Logo Decal, 2 1/4" wide (each)
44-012 SPECIFY COLOR \$3.50

Logo Decal, 10" wide (each)
44-012 SPECIFY COLOR \$1.90

Logo Decal, 18" wide (each)
44-012 SPECIFY COLOR \$2.20

Logo Decal, 36" wide (each)
44-012 SPECIFY COLOR \$3.85



Frame Rail Decals are available in white, red, blue, or yellow. Grey outlines make these decals pop on any color frame.

Hyper Frame Rail Decals (each)
44-050 SPECIFY COLOR \$7.75



2" x 30' ISC Standard Duty Racer's Tape

80-1001 RED \$6.95

80-1002 BLUE \$6.95

80-1004 BLACK \$6.95

80-1006 WHITE \$6.95

80-1007 PURPLE \$6.95

80-1008 NEON YELLOW \$6.95

80-1009 NEON PINK \$6.95



Spark Plug Gap Gauge .020-.080"
82-202 \$9.95



Pipe Spring Puller
60-200 \$15.10



Muffler Plug

600-4941 BLACK \$6.97

600-4942 RED \$6.97



Wrench for Threaded Dust Cap
25-540 \$17.50



Spanner Wrench
Tightens coil over kit nuts.
38-815 \$16.00



Valve Stem Tool
25-125 \$3.50



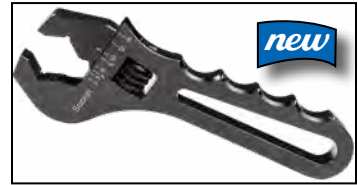
Valve Stem Removal Tool
Screwdriver style tool removes valve stem cores for rapidly inflating or deflating a tire.
25-120 \$3.50

It's easy when you have the right tools!

HBS Vice Jaws and AN Adjustable Wrench help prevent scratching of anodized aluminum AN hose ends during assembly or hold almost any soft part without marking. Black anodizing with HBS laser etched logo. Hyper's assembly team loves these tools and you will too!



HBS Aluminum Vice Jaws for Aluminum AN Fittings
Large magnets inside hold them to the vise.
414-900 \$19.99



HBS Aluminum AN Adjustable Wrench
414-905 \$27.50



Heavy Duty Hose Cutter Tool
414-900 \$24.99

Ultrasonic Cleaner and Pulse Tester provides the best way to clean your stainless steel fuel filters and your fuel injector nozzles at home. Blowing your filter elements out with carburetor cleaner and an air hose does not properly clean your elements.



Ultrasonic Cleaner
80-675 \$59.50

Ultrasonic Cleaner Fluid Concentrate (8 oz.)
Cleans stainless steel fuel filter elements and electronic fuel injector nozzles. Use 8 oz. per gallon of water (7% solution).
80-676 \$10.95



Quarter Turn Fastener Spring Adjusting Tool
15-192 \$57.12



T-30 Torx Driver for Panel Fastener
Torx driver fits 15-155 buttons. Chrome-vanadium steel. Made in Germany.
15-190 \$17.00

Fuel Injection Pulse Tester pulses injectors during cleaning. Quad version pulses four nozzles at once.



Fuel Injector Quad Pulser
608-399 \$99.00



Noid Test Light
608-401 \$22.00



Fuel Injector Single Pulser
608-400 \$84.00

HEADWEAR

Retro Trucker Hats with Flash Drive Patch features 3.5" wide patch on FlexFit 6606 YP Classics Retro Trucker cap. Snap back closure and mesh panels make this a favorite. Choose your favorite color combo.



Flash Drive Patch Hat, Retro Trucker Flexfit
43-258 CAMEL/BLACK \$21.00



Flash Drive Patch Hat, Retro Trucker Flexfit
43-271 PINK \$21.00

Delta Hat with Flash Drive Patch features 3.5" wide patch on FlexFit 180 Delta cap. Closed back, stretch fitted. Choose S-M, or L-XL.



Flash Drive Patch Hat, Delta Flexfit
43-264 SPECIFY SIZE \$21.00

Foam Trucker Cap with Switch Gears, Lightning Bolt or Speed Shop print is a summer favorite with its mesh back, lightweight mid profile design, snap back, and braid detail.



Switch Gears Foam Trucker Hat
43-425 BLACK/WHITE \$15.95



Flash Drive Patch Hat, Retro Trucker Flexfit
43-260 CHARCOAL/BLACK \$21.00



Flash Drive Patch Hat, Retro Trucker Flexfit
43-273 NAVY \$21.00

Dad Hat with Flash Drive Patch features 3.5" patch on FlexFit Dad cap. Unstructured, brass buckle closure, 100% cotton.



Flash Drive Patch Hat, Classic Dad
43-272 LIGHT BLUE \$22.00



Lightning Bolt Foam Trucker Hat
43-427 NAVY \$15.95



Flash Drive Patch Hat, Retro Trucker Flexfit
43-262 BLACK \$21.00



Flash Drive Patch Hat, Retro Trucker Flexfit
43-274 BLACK \$21.00

Multicam Hat with Flash Drive Patch features 3.5" wide patch on FlexFit 6511MC Multicam Trucker Mesh cap. Closed back, stretch fit size 67/8-71/2.



Flash Drive Patch Hat, Multicam Trucker Mesh
43-259 BLACK MULTICAM \$23.00



Speed Shop Foam Trucker Hat
43-321 GREY/BLACK \$15.95



Flash Drive Patch Hat, Retro Trucker Flexfit
43-270 TURQUOISE/WHITE \$21.00



Flash Drive Patch Hat, Retro Trucker Flexfit
43-275 CHARCOAL/WHITE \$21.00

James Cap with Speed Shop Embroidery is a mechanic's dream with low profile design in 100% cotton. Flat visor and adjustable metal buckle complete this cap.



Speed Shop Embroidered James Hat
43-320 BLACK \$23.00



THE TEAM SHOWS OFF OUR NEW APPAREL LINE IN VICTORY LANE AT HYPER RACING 600 SPEEDWEEK.

Retro Trucker Hats with Winner's Circle Patch features patch on FlexFit 6606 YP Classics Retro Trucker cap. Snap back closure and mesh panels make this a favorite. Choose your favorite color combo.

Flat Visor Flexfit Hats with Winner's Circle Patch features closed back and wool blend fabric for elevated street style in cooler weather.

Multicam Hat with Winner's Circle Patch features patch on FlexFit 6511MC Multicam Trucker Mesh cap. Put yourself in the winner's circle with this closed back, stretch fit cap that fits sizes 67/8-71/2.

Original Collection features Hyper Racing logo embroidered off center on Flexfit closed back cap in your choice of curved or flat visor. Specify S-M or L-XL. Or, for a little more ventilation, try the black/grey trucker mesh cap with snap back.



Winner's Circle Patch Hat, Retro Trucker Flexfit
43-365 CAMEL/BLACK \$21.00



Winner's Circle Patch Hat, Flat Visor Flexfit
43-375 BLACK \$23.00



Winner's Circle Patch Hat, Multicam Trucker Mesh
43-366 WHITE CAMO \$23.00



Hyper Logo Hat, Flat Visor
44-381 SPECIFY SIZE \$19.00



Winner's Circle Patch Hat, Retro Trucker Flexfit
43-370 HEATHER/BLACK \$21.00



Winner's Circle Patch Hat, Flat Visor Flexfit
43-377 DARK GREY \$23.00



Winner's Circle Patch Hat, Multicam Trucker Mesh
43-367 BLACK MULTICAM \$23.00



Hyper Logo Hat, Curve Visor
44-382 SPECIFY SIZE \$19.00



Winner's Circle Patch Hat, Retro Trucker Flexfit
43-369 TURQUOISE/WHITE \$21.00



Winner's Circle Patch Hat, Flat Visor Flexfit
43-376 BLACK CAMO \$23.00

Delta Hat with Winner's Circle Patch features patch on FlexFit 180 Delta cap. Closed back, stretch fitted. Choose S-M, or L-XL.



Flash Drive Patch Hat, Delta Flexfit
43-372 SPECIFY SIZE \$21.00



Hyper Logo Hat, Trucker Mesh
44-383 \$18.00

Flash Face Mask is 2-ply and made from 1 recycled water bottle.



Flash Face Mask
43-299 BLACK \$5.00



Winner's Circle Patch Hat, Retro Trucker Flexfit
43-371 PINK \$21.00



MIKE FAUCI AND DAMON PAUL DISCUSS SET UP BEFORE THE RACE.

? *know the code*
can't decide?
Visit hyperracing.com for more photos from different angles, sizing charts and information about cut, fabric blends and weights. New colors and styles are being added all the time!

HYPER RACING APPAREL

Flash Drive T-Shirts are printed on super soft 5 oz. cotton premium short sleeve t-shirt. Specify adult size S, M, L, XL, 2X, 3X or youth S, M.



Flash Drive T-Shirt
 43-200 **BLACK, SPECIFY SIZE** \$18.00
 43-205 **VINTAGE WHITE, SPECIFY SIZE** \$18.00

Flash Drive Zipper Hoodie is printed on not-so-standard Independent Trading Company sweatshirt in navy. Midweight fleece, full length metal zipper, jersey lined hood. Specify adult size S, M, L, XL, 2X, 3X.



Flash Drive Zipper Hoodie, Navy
 43-220 **SPECIFY SIZE** \$41.00

Hyper Flash Ladies Sleeveless T-Shirts are printed on soft, lightweight 3.5 oz. muscle tank. Hemmed, oversized armholes. Specify adult size XS, S, M, L, XL and antique gold, black or denim.



Hyper Flash Ladies Sleeveless T-Shirt
 43-210 **SPECIFY SIZE/COLOR** \$16.00

Speed Shop T-Shirts are printed on super soft 5 oz. cotton premium short sleeve t-shirt. Specify adult size S, M, L, XL, 2X, 3X or youth S, M. Choose black or white.



Speed Shop T-Shirt
 43-300 **BLACK, SPECIFY SIZE** \$18.00
 43-302 **WHITE, SPECIFY SIZE** \$18.00

LIGHTNING SPRINT/MIDGET

OIL/LUBES

ACCESSORIES

HYPER RACING APPAREL

K1 SUITS & RACEGEAR

TECH DEPARTMENT

Speed Shop Hoodies are screen printed on not-so-standard Independent Trading Company sweatshirt. Midweight fleece, full length metal zipper, jersey lined hood. Specify adult size S, M, L, XL, 2X, 3X.



Speed Shop Zipper Hoodie, Gunmetal Heather
43-311 SPECIFY SIZE \$41.00



Speed Shop Zipper Hoodie, Black
43-310 SPECIFY SIZE \$41.00



BROOKE FAUCI STAYS COOL UNDER PRESSURE IN THE LADIES HYPER FLASH SLEEVELESS T-SHIRT.

Sling It! T-Shirts: will rock your world in black or dark grey heather. Adult S, M, L, XL, 2X, 3X or youth S, M, L.



Sling It! T-Shirt
44-053 SPECIFY SIZE, COLOR \$18.00

Sling It! Hoodie is printed on black Gildan® heavy blend hoodie. Lined hood. Specify adult size S, M, L, XL, 2X, 3X.



Sling It! Hoodie
44-0531 SPECIFY SIZE \$39.00

HYPER RACING APPAREL

Winner's Circle T-Shirts are printed on super soft 5 oz. cotton premium short sleeve t-shirt. Specify adult size S, M, L, XL, 2X, 3X or youth S, M.

Winner's Circle Long Sleeve T-Shirts are printed on soft 5 oz. cotton premium long sleeve t-shirt. Specify adult size S, M, L, XL, 2X, 3X.



Winner's Circle T-Shirt, Black
43-350 SPECIFY SIZE

\$18.00

Winner's Circle Long Sleeve T-Shirt, Black
43-355 SPECIFY SIZE

\$19.95



Winner's Circle T-Shirt, Royal
43-351 SPECIFY SIZE

\$18.00

Winner's Circle Long Sleeve T-Shirt, Heather Grey
43-356 SPECIFY SIZE

\$19.95

Finish Line T-Shirts are printed on super soft 5 oz. cotton premium short sleeve t-shirt. Specify adult size S, M, L, XL, 2X, 3X or youth S, M.

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APPAREL.

shop talk
tagless comfort
Our 43-series t-shirts and hoodies feature premium cuts and fabrics and are tagless with custom care and size printed inside the back inside neck.



Finish Line T-Shirt, Black Onyx
43-400 SPECIFY SIZE \$16.00

Finish Line T-Shirt, Vintage Snow
43-402 SPECIFY SIZE \$16.00

LIGHTNING SPRINT/MIDGET

OIL/LUBES

ACCESSORIES

HYPER RACING APPAREL

K1 SUITS & RACEGEAR

TECH DEPARTMENT

EVO Hoodie is printed on black Gildan® heavyweight hoodie. Contrasting lined hood. Specify adult size S, M, L, XL, 2X, 3X.



EVO Fuel Injection Hoodie
44-0541 SPECIFY SIZE \$36.00

EVO T-Shirt: adult size S, M, L, XL, 2X, 3X. District® brand black shirt.



EVO Fuel Injection T-Shirt
44-054 SPECIFY SIZE \$16.00

Cuff Beanie with Flash Drive Patch features 3.5" wide embroidered patch on midweight tight knit acrylic beanie.



Flash Drive Cuff Beanie
43-290 ASPHALT \$22.00
43-294 NAVY \$22.00

Custom Loop Label Cuff Beanie features midweight tight knit acrylic beanie with label that wraps around the cuff so it reads correctly whether beanie is worn open or cuffed.



Loop Label Cuff Beanie
43-460 ATHLETIC \$21.50
43-462 ARMY \$21.50
43-464 ASPHALT \$21.50

Custom Loop Label Slouch Beanie is a staple for any wardrobe. Tight knit acrylic with label that wraps around the cuff so it reads correctly whether beanie is worn open or cuffed.

Flash Loop Label Slouch Beanie
43-454 BLACK \$19.00
43-452 GOLD \$19.00
43-450 HEATHER GREY \$19.00
43-456 ROYAL BLUE \$19.00



BENCH RACING IS SOME OF THE BEST RACING.

new **K1 Race Gear** began in 2003 with the philosophy of offering quality racing equipment at a reasonable price. Whether you are just starting or you have a life-long passion for racing, we have the K1 products for you.

The K1 Flex Black Series Nomex® Glove

is k1's most advanced, premium driver's glove. Complying with both FIA 8856-2000 & SFI 3.3/5 homologation standards, the Flex Glove is constructed with the absolute highest quality ultra-lightweight bonded Nomex®. Featuring a seamless, pre-curved palm and finger design, minimal external stitching and ultra-grip, fire-resistant silicon surface. Black/white or black/red. Specify size S, M, L, or XL.



K1 Flex Glove, Black Series

90-530 BLACK/WHITE, SPECIFY SIZE \$115.99

90-531 BLACK/RED, SPECIFY SIZE \$115.99

The K1 GTX-1 Nomex® Racing Shoe is a mid-top design constructed with soft leather and perforated vents for comfort and breathability. Lightweight, pre-formed rubber sole offers drivers excellent pedal feel and durability. Full canopy Nomex® lined tongue is attached to the inner base on each side of the shoe, wrapping the entire surface area of the driver's foot to ensure safety and to keep inside of shoe cleaner. Carries SFI 3.3/5 rating. Available in sizes 5-14 in red or black.



K1 GTX-1 Nomex® Racing Shoe

90-550 BLACK, SIZE \$229.99

90-551 RED, SIZE \$229.99



K1 Flex Balaclava, Black

100% Nomex® and natural viscose fibers. Two layers on front and one layer on back. Carries SFI 3.3 rating. One size fits all.

90-500 \$69.00

K1 Balaclava, Single Layer Black

Single layer, SFI approved. Sweat wicking. One size fits all.

90-505 \$39.00



K1 Nomex® Race Socks, Black

90-525 ONE SIZE FITS ALL \$22.00

K1 Track 1 Nomex® Gloves incorporate the latest, innovative materials and premium design features at an entry level cost. Made from the highest quality lightweight 2-layer bonded Nomex® with silicone printing for weight savings and grip. Pre-curved fingers with minimal externally seams help to eliminate pressure points. Certified to SFI 3.3/5 standards. Specify size S, M, L, or XL.



K1 Track 1 Glove, Black Series

90-540 BLACK/WHITE, SPECIFY SIZE \$79.00

K1 Precision Tech Layers combine cost, comfort, and protection.

This durable, soft Nomex® knit underwear is crafted using flat stitched seams with specialized flame-resistant thread. Complies with SFI Foundation 3.3 specification.

Available in pants, long sleeve and short sleeve tops. Specify size 5XS, 4XS, 3XS, 2XS, XS, S, M, L, XL, 2XL. Note: short sleeve precision Nomex® shirts are not SFI homologated.



K1 Precision Tech Layer Pant

90-520 SPECIFY SIZE \$99.00



K1 Precision Tech Layer Long Sleeve Shirt

90-510 SPECIFY SIZE \$99.00



K1 Precision Tech Layer Short Sleeve Shirt

90-512 SPECIFY SIZE \$99.00

shop talk

what not to wear

Polyester, nylon or spandex blends do not require direct flame exposure to cause melting or sticking to skin. When exposed directly to flame, spandex/polyester can become a fuel source and will not self extinguish. Stay safe by wearing only racing-specific undergarments.

new



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shop talk

suit care basics

Protect your investment with proper care between every single wearing. **Never** dry clean your suit! Instead, machine wash following these directions:

- **Make sure all zippers and velcros are closed**, so they cannot snag embroidery.
- Follow package directions and test stain removal products/detergents on a less obvious area to be sure there is no damage.
- Use "free and clear" laundry detergent with no bleach, no perfumes, no dyes and no oxy.
- Apply stain remover (again no bleach or oxy) on areas that are very dirty and wait for a few minutes, then rub into stain.
- For very tough stains such as chain lube, a small soft brush may be needed. Be very gentle.
- Wash suit by itself on normal cycle using cold or warm water (**never hot**) using recommended amount of detergent.
- If desired, add a few ounces of white distilled vinegar to the detergent as a natural booster.
- When it's finished washing, hang it up and let it air dry.
- **Store suit away from light** to help avoid fading.

K1 RaceGear Custom Hyper Racing Suit V2 features modern design for 2020 and beyond. V1 suit design is also still available. Either design includes two layers with 100% Nomex® outer layer and liner, 360° arm gussets, back and crotch stretch panels, boot cuffs, front pockets, V1 or V2 design customized in your colors, embroidery (as shown), and custom sizing. Premium colors are now included in base suit price. Not only do premium colors look nice, they are also a little lighter weight than the standard. This suit is fully custom tailored to your measurements with no setup fees. There is a 4-6 week delivery time.

- Extra layer of Nomex® \$100
- Sewn in D-rings \$50
- Arm restraint straps (pair) \$25
- RaceCeiver radio pocket \$25
- Side stretch panels \$50
- Lightweight 3D liner \$150

press play



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SUIT
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VIDEO

Visit hyperracing.com and view the suit measuring video and color charts. Click on the PDF button to view/print the K1 suit measurement form. Fill it out and email to sales@hyperracing.com.

K1 Custom Hyper Racing Suit

90-0201	VERSION 2	STARTING AT \$1099.00
90-021	VERSION 1	STARTING AT \$1099.00



K1 RACEGEAR CUSTOM HYPER SUIT: QUICK, GROFF, SPENCE, & SPAHR.

Chassis Squaring Kit Procedure

Front of Car Preparation:

- Jack up the front of the car.
- Loosen the front coil nuts or torsion jacker bolt screws all the way.
- Unhook the rear shocks, this eliminates their influence on the car.
- Remove front wheels.
- Place 2¼" block under the left front frame, between the frame and the ground (use 1¼" for the first version of the squaring blocks that used a full circle toe plate).
- Place a 3¼" block under the right front frame (2¼" for early version kit).
- Remove jack.

Rear of Car Preparation:

- Jack up rear of car.
- Loosen the rear torsion jacker bolt screws all the way.
- Remove the rear wheels.
- Slide on the gold wheel replicator spacers (either 1¾" or 2" replicators).
- Replace the outer spacers and the axle nuts.
- Hand tighten the axle nuts.
- Place the taller of the two squaring blocks under the right rear gold spacer.
- Place the other squaring block under the left rear gold spacer.
- Place 2¼" block under the left rear frame (1½" for early version).
- Place 3¼" block under the right rear frame (2½" for early version).
- Remove jack.



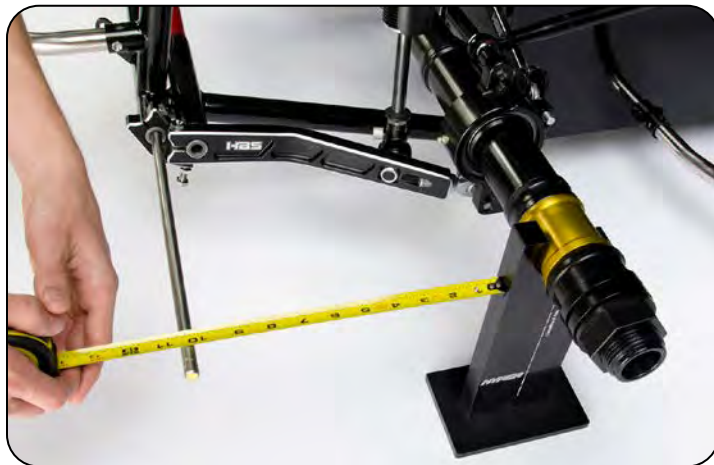
The car will now be resting on the blocks and the axles will be held up by the front plates and the rear squaring blocks.

Rear of Car:

- Set the rear panhard bar height to 6" from the center of the rod end to the top of the bottom rail.
- Adjust the threaded rods if using an adjustable panhard assembly until the handle is in the center of its adjustability.
- Set the left rear wishbone as short as it will go, threading in the rod ends the entire way.
- With the wishbone type chassis, set the bearing carrier timing until the bubble level is level.
- If using a z-link rear, place a square bumped up to the back of the bearing carrier and measure over to the top and the bottom rod end, make the top rod end ⅜" further forward than the bottom.
- Align the bearing carriers so that the torsion bar rod ends are in the center of the bearing carrier. Adjust rear panhard bar side to side, bend torsion arms, or space bearing carriers to achieve this. Right rear bearing carrier needs to be at least ½" away from the square panhard bar upright.

Squaring the Rear Axle:

- The left side wish bone should be set so that the rear panhard bar is about ½" away from the frame upright in front of it.
- Slide the squaring rod into the ⅞" hollow torsion bar of the left rear.
- Measure the distance from the front of the squaring rod to the back of the rear squaring block. Document this number. On an '07 and up Hyper 600, this number should be very close to 13¼".
- Slide the rod through the bar until it now sticks out the right side of the car, but is still in the left rear torsion bar.
- Measure the distance from the front of the rod to the back of the right rear squaring block. Make this number the same as the left rear.



- Align rear sprocket with the front sprocket, adding or removing spacers to achieve this. If you fine tune the chain alignment with the panhard bar, you will need to re-square the rear axle and check that the shackles are in the center of the bearing carrier.
- Align the chain block so that the center of the chain block through hole is centered up on the sprocket. Use different length spacers between the chain block and the left rear bearing carrier plate to achieve this.
- Make sure to use washers between the back of the plate and the nuts or nut plate of the chain guide block.
- Re-check chain alignment as final step.



Front of Car:

- Measure the front of the toe plate at the bottom along the ground.
- Measure the back of the toe plate.
- Adjust the steering rods so that the front number is 0 to ⅛" larger than the back number.

shop talk enlightenment

Read Mike Dicely's dirt track theory article "Rethink Dirt" at www.hyperracing.com.



- Set the front panhard bar height to 3¼" from the center of the rod end to the top of the bottom rail.
- Use an angle finder placed on top of the right side steering arm. Set the front caster to 8-10 degrees. More makes the car harder to steer.
- Rough measure the front axle offset by measuring from the bottom rail to the wheel mounting face of the left and right front hubs.
- Adjust the front panhard bar until the right side offset is 1" larger than the left.

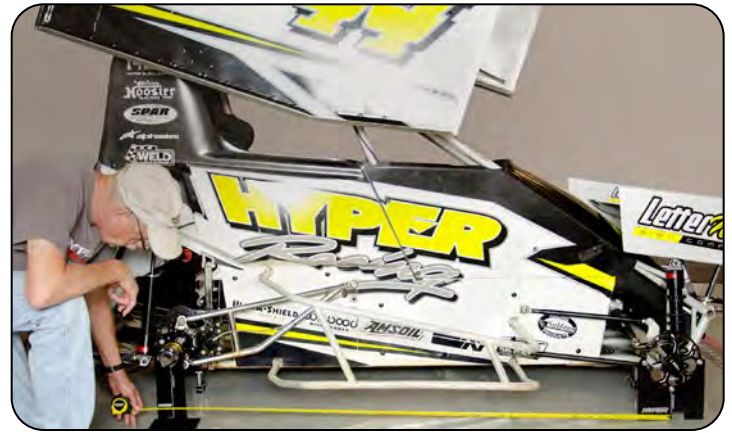
Squaring the Front of the Car:

- Hook a tape measure onto the rear squaring block center line and measure up to the center line mark on the front toe plates.
- Adjust the front radius rods until both the left and the right side are equal. This measurement is the wheelbase. On an '07 and up Hyper 600, the wheelbase should be 62½" to 62¾".



Blocking the Front of the Car:

- Jack the front of the car.
- Set the setup block to the desired height.
- Place the setup block between the front axle and the frame.
- Zero the coil nuts or the torsion jacker bolts.
- Add or remove the desired turns.



Blocking the Rear of the Car:

- Jack the rear of the car.
- Set the setup block to the desired height.
- Place the setup block between the front axle and the frame.
- Zero the torsion jacker bolts.
- Add or remove the desired turns.
- Put the wheels back on the car.
- Set the car on the ground.
- Set the final wheel offset to the desired numbers from the setup sheet.



SQUARING KIT & SQUARING BLOCKS SHOWN ON PAGE 181



'06-'21 Yamaha R6 600cc													
Ratios X:1		1	2	3	4	5	6th Gear 1.150 Primary Ratio=2.073:1						
Front	Back	1st	2nd	3rd	4th	5th	Front	Back	1st	2nd	3rd	4th	5th
11	44	21.42	16.58	13.85	11.97	10.66	14	44	16.83	13.03	10.88	9.41	8.38
11	45	21.91	16.96	14.16	12.25	10.91	14	45	17.21	13.33	11.13	9.62	8.57
11	46	22.39	17.34	14.48	12.52	11.15	14	46	17.59	13.62	11.37	9.84	8.76
11	47	22.88	17.71	14.79	12.79	11.39	14	47	17.98	13.92	11.62	10.05	8.95
11	48	23.37	18.09	15.11	13.06	11.63	14	48	18.36	14.21	11.87	10.26	9.14
11	49	23.85	18.47	15.42	13.33	11.88	14	49	18.74	14.51	12.12	10.48	9.33
11	50	24.34	18.85	15.74	13.61	12.12	14	50	19.12	14.81	12.36	10.69	9.52
11	51	24.83	19.22	16.05	13.88	12.36	14	51	19.51	15.10	12.61	10.90	9.71
11	52	25.31	19.60	16.37	14.15	12.60	14	52	19.89	15.40	12.86	11.12	9.90
11	53	25.80	19.98	16.68	14.42	12.84	14	53	20.27	15.70	13.11	11.33	10.09
11	54	26.29	20.35	16.99	14.69	13.09	14	54	20.65	15.99	13.35	11.55	10.28
11	55	26.77	20.73	17.31	14.97	13.33	14	55	21.04	16.29	13.60	11.76	10.47
12	44	19.63	15.20	12.69	10.98	9.77	15	44	15.71	12.16	10.15	8.78	7.82
12	45	20.08	15.55	12.98	11.23	10.00	15	45	16.06	12.44	10.39	8.98	8.00
12	46	20.53	15.89	13.27	11.47	10.22	15	46	16.42	12.71	10.62	9.18	8.18
12	47	20.97	16.24	13.56	11.72	10.44	15	47	16.78	12.99	10.85	9.38	8.35
12	48	21.42	16.58	13.85	11.97	10.66	15	48	17.13	13.27	11.08	9.58	8.53
12	49	21.86	16.93	14.14	12.22	10.89	15	49	17.49	13.54	11.31	9.78	8.71
12	50	22.31	17.28	14.42	12.47	11.11	15	50	17.85	13.82	11.54	9.98	8.89
12	51	22.76	17.62	14.71	12.72	11.33	15	51	18.21	14.10	11.77	10.18	9.06
12	52	23.20	17.97	15.00	12.97	11.55	15	52	18.56	14.37	12.00	10.38	9.24
12	53	23.65	18.31	15.29	13.22	11.77	15	53	18.92	14.65	12.23	10.58	9.42
12	54	24.10	18.66	15.58	13.47	12.00	15	54	19.28	14.93	12.46	10.78	9.60
12	55	24.54	19.00	15.87	13.72	12.22	15	55	19.63	15.20	12.69	10.98	9.77
13	44	18.12	14.03	11.72	10.13	9.02	16	44	14.73	11.40	9.52	8.23	7.33
13	45	18.54	14.35	11.98	10.36	9.23	16	45	15.06	11.66	9.74	8.42	7.50
13	46	18.95	14.67	12.25	10.59	9.43	16	46	15.39	11.92	9.95	8.61	7.66
13	47	19.36	14.99	12.52	10.82	9.64	16	47	15.73	12.18	10.17	8.79	7.83
13	48	19.77	15.31	12.78	11.05	9.84	16	48	16.06	12.44	10.39	8.98	8.00
13	49	20.18	15.63	13.05	11.28	10.05	16	49	16.40	12.70	10.60	9.17	8.16
13	50	20.59	15.95	13.32	11.51	10.25	16	50	16.73	12.96	10.82	9.35	8.33
13	51	21.01	16.27	13.58	11.74	10.46	16	51	17.07	13.22	11.03	9.54	8.50
13	52	21.42	16.58	13.85	11.97	10.66	16	52	17.40	13.47	11.25	9.73	8.66
13	53	21.83	16.90	14.11	12.20	10.87	16	53	17.74	13.73	11.47	9.92	8.83
13	54	22.24	17.22	14.38	12.43	11.07	16	54	18.07	13.99	11.68	10.10	9.00
13	55	22.65	17.54	14.65	12.66	11.28	16	55	18.41	14.25	11.90	10.29	9.16

'03-'06 Honda RR 600cc													
Ratios X:1		1	2	3	4	5	Primary Ratio=2.111:1						
Front	Back	1st	2nd	3rd	4th	5th	Front	Back	1st	2nd	3rd	4th	5th
11	44	23.51	16.36	13.60	11.90	10.64	14	44	17.69	12.85	10.69	9.35	8.36
11	45	23.02	16.73	13.91	12.17	10.88	14	45	18.09	13.14	10.93	9.56	8.55
11	46	23.53	17.10	14.22	12.44	11.12	14	46	18.49	13.44	11.17	9.77	8.74
11	47	24.05	17.47	14.53	12.71	11.36	14	47	18.89	13.73	11.42	9.99	8.93
11	48	24.56	17.84	14.84	12.98	11.61	14	48	19.30	14.02	11.66	10.20	9.12
11	49	25.07	18.21	15.15	13.25	11.85	14	49	19.70	14.31	11.90	10.41	9.31
11	50	25.58	18.59	15.46	13.52	12.09	14	50	20.10	14.60	12.15	10.62	9.50
11	51	26.09	18.96	15.77	13.79	12.33	14	51	20.50	14.90	12.39	10.84	9.69
11	52	26.60	19.33	16.08	14.06	12.57	14	52	20.90	15.19	12.63	11.05	9.88
11	53	27.12	19.70	16.39	14.33	12.82	14	53	21.31	15.48	12.87	11.26	10.07
11	54	27.63	20.07	16.69	14.60	13.06	14	54	21.71	15.77	13.12	11.47	10.26
11	55	28.14	20.45	17.00	14.87	13.30	14	55	22.11	16.06	13.36	11.69	10.45
12	44	20.64	14.99	12.47	10.91	9.75	15	44	16.51	11.99	9.98	8.72	7.80
12	45	21.10	15.33	12.75	11.15	9.97	15	45	16.88	12.27	10.20	8.92	7.98
12	46	21.57	15.67	13.04	11.40	10.20	15	46	17.26	12.54	10.43	9.12	8.16
12	47	22.04	16.02	13.32	11.65	10.42	15	47	17.63	12.81	10.66	9.32	8.33
12	48	22.51	16.36	13.60	11.90	10.64	15	48	18.01	13.08	10.88	9.52	8.51
12	49	22.98	16.70	13.89	12.15	10.86	15	49	18.38	13.36	11.11	9.72	8.69
12	50	23.45	17.04	14.17	12.39	11.08	15	50	18.76	13.63	11.34	9.91	8.87
12	51	23.92	17.38	14.45	12.64	11.30	15	51	19.13	13.90	11.56	10.11	9.04
12	52	24.39	17.72	14.74	12.89	11.53	15	52	19.51	14.18	11.79	10.31	9.22
12	53	24.86	18.06	15.02	13.14	11.75	15	53	19.89	14.45	12.02	10.51	9.40
12	54	25.33	18.40	15.30	13.38	11.97	15	54	20.26	14.72	12.24	10.71	9.58
12	55	25.79	18.74	15.59	13.63	12.19	15	55	20.64	14.99	12.47	10.91	9.75
13	44	19.05	13.84	11.51	10.07	9.00	16	44	15.48	11.24	9.35	8.18	7.31
13	45	19.48	14.15	11.77	10.30	9.21	16	45	15.83	11.50	9.56	8.37	7.48
13	46	19.91	14.47	12.03	10.52	9.41	16	46	16.18	11.76	9.78	8.55	7.65
13	47	20.35	14.78	12.30	10.75	9.62	16	47	16.53	12.01	9.99	8.74	7.81
13	48	20.78	15.10	12.56	10.98	9.82	16	48	16.88	12.27	10.20	8.92	7.98
13	49	21.21	15.41	12.82	11.21	10.03	16	49	17.24	12.52	10.42	9.11	8.15
13	50	21.65	15.73	13.08	11.44	10.23	16	50	17.59	12.78	10.63	9.29	8.31
13	51	22.08	16.04	13.34	11.67	10.43	16	51	17.94	13.03	10.84	9.48	8.48
13	52	22.51	16.36	13.60	11.90	10.64	16	52	18.29	13.29	11.05	9.67	8.64
13	53	22.94	16.67	13.86	12.13	10.84	16	53	18.64	13.54	11.27	9.85	8.81
13	54	23.38	16.99	14.13	12.36	11.05	16	54	18.99	13.80	11.48	10.04	8.98
13	55	23.81	17.30	14.39	12.58	11.25	16	55	19.35	14.06	11.69	10.22	9.14

'99-'05 Yamaha R6 600cc													
Ratios X:1		1	2	3	4	5	Primary Ratio=1.954:1						
Front	Back	1st	2nd	3rd	4th	5th	Front	Back	1st	2nd	3rd	4th	5th
11	44	22.24	15.22	12.15	10.42	9.30	14	44	17.48	11.96	9.55	8.19	7.31
11	45	22.75	15.56	12.43	10.66	9.51	14	45	17.87	12.23	9.77	8.37	7.47
11	46	23.26	15.91	12.71	10.89	9.72	14	46	18.27	12.50	9.98	8.56	7.64
11	47	23.76	16.26	12.98	11.13	9.94	14	47	18.67	12.77	10.20	8.74	7.81
11	48	24.27	16.60	13.26	11.37	10.15	14	48	19.07	13.04	10.42	8.93	7.97
11	49	24.77	16.95	13.54	11.60	10.36	14	49	19.46	13.32	10.63	9.12	8.14
11	50	25.28	17.29	13.81	11.84	10.57	14	50	19.86	13.59	10.85	9.30	8.30
11	51	25.78	17.64	14.09	12.08	10.78	14	51	20.26	13.86	11.07	9.49	8.47
11	52	26.29	17.98	14.36	12.31	10.99	14	52	20.66	14.13	11.29	9.67	8.64
11	53	26.79	18.33	14.64	12.55	11.20	14	53	21.05	14.40	11.50	9.86	8.80
11	54	27.30	18.68	14.92	12.79	11.41	14	54	21.45	14.67	11.72	10.05	8.97
11	55	27.81	19.02	15.19	13.02	11.63	14	55	21.85	14.95	11.94	10.23	9.13
12	44	20.39	13.95	11.14	9.55	8.53	15	44	16.31	11.16	8.91	7.64	6.82
12													

'89-'01 Honda CR250													
Ratios X:1		1	2	3	4	5	6th Gear 1.153 Primary Ratio=3.000:1						
Front	Back	1st	2nd	3rd	4th	5th	Front	Back	1st	2nd	3rd	4th	5th
13	33	13.71	11.20	9.22	7.62	6.62	14	50	19.29	15.76	12.97	10.71	9.32
13	34	14.12	11.54	9.50	7.85	6.82	14	51	19.67	16.07	13.23	10.93	9.50
13	35	14.54	11.88	9.78	8.08	7.02	15	33	11.88	9.71	7.99	6.60	5.74
13	36	14.95	12.22	10.06	8.31	7.22	15	34	12.24	10.00	8.23	6.80	5.91
13	37	15.37	12.56	10.34	8.54	7.42	15	35	12.60	10.29	8.47	7.00	6.09
13	38	15.78	12.90	10.62	8.77	7.63	15	36	12.96	10.59	8.72	7.20	6.26
13	39	16.20	13.24	10.89	9.00	7.83	15	37	13.32	10.88	8.96	7.40	6.43
13	40	16.62	13.57	11.17	9.23	8.03	15	38	13.68	11.18	9.20	7.60	6.61
13	41	17.03	13.91	11.45	9.46	8.23	15	39	14.04	11.47	9.44	7.80	6.78
13	42	17.45	14.25	11.73	9.69	8.43	15	40	14.40	11.76	9.68	8.00	6.96
13	43	17.86	14.59	12.01	9.92	8.63	15	41	14.76	12.06	9.93	8.20	7.13
13	44	18.28	14.93	12.29	10.15	8.83	15	42	15.12	12.35	10.17	8.40	7.30
13	45	18.69	15.27	12.57	10.38	9.03	15	43	15.48	12.65	10.41	8.60	7.48
13	46	19.11	15.61	12.85	10.62	9.23	15	44	15.84	12.94	10.65	8.80	7.65
13	47	19.52	15.95	13.13	10.85	9.43	15	45	16.20	13.24	10.89	9.00	7.83
13	48	19.94	16.29	13.41	11.08	9.63	15	46	16.56	13.53	11.14	9.20	8.00
13	49	20.35	16.63	13.69	11.31	9.83	15	47	16.92	13.82	11.38	9.40	8.17
13	50	20.77	16.97	13.97	11.54	10.03	15	48	17.28	14.12	11.62	9.60	8.35
13	51	21.18	17.31	14.25	11.77	10.23	15	49	17.64	14.41	11.86	9.80	8.52
14	33	12.73	10.40	8.56	7.07	6.15	15	50	18.00	14.71	12.11	10.00	8.70
14	34	13.11	10.71	8.82	7.29	6.34	15	51	18.36	15.00	12.35	10.20	8.87
14	35	13.50	11.03	9.08	7.50	6.52	16	38	12.83	10.48	8.63	7.13	6.20
14	36	13.89	11.34	9.34	7.71	6.71	16	39	13.16	10.75	8.85	7.31	6.36
14	37	14.27	11.66	9.60	7.93	6.89	16	40	13.50	11.03	9.08	7.50	6.52
14	38	14.66	11.97	9.86	8.14	7.08	16	41	13.84	11.31	9.31	7.69	6.68
14	39	15.04	12.29	10.12	8.36	7.27	16	42	14.18	11.58	9.53	7.88	6.85
14	40	15.43	12.61	10.38	8.57	7.45	16	43	14.51	11.86	9.76	8.06	7.01
14	41	15.81	12.92	10.64	8.79	7.64	16	44	14.85	12.13	9.99	8.25	7.17
14	42	16.20	13.24	10.89	9.00	7.83	16	45	15.19	12.41	10.21	8.44	7.34
14	43	16.59	13.55	11.15	9.21	8.01	16	46	15.53	12.68	10.44	8.63	7.50
14	44	16.97	13.87	11.41	9.43	8.20	16	47	15.86	12.96	10.67	8.81	7.66
14	45	17.36	14.18	11.67	9.64	8.39	16	48	16.20	13.24	10.89	9.00	7.83
14	46	17.74	14.50	11.93	9.86	8.57	16	49	16.54	13.51	11.12	9.19	7.99
14	47	18.13	14.81	12.19	10.07	8.76	16	50	16.88	13.79	11.35	9.38	8.15
14	48	18.51	15.13	12.45	10.29	8.94	16	51	17.21	14.06	11.58	9.56	8.32
14	49	18.90	15.44	12.71	10.50	9.13	16	52	17.55	14.34	11.80	9.75	8.48

'06-'10 Suzuki GSX-R600													
Ratios X:1		1	2	3	4	5	Primary Ratio=1.974:1						
Front	Back	1st	2nd	3rd	4th	5th	Front	Back	1st	2nd	3rd	4th	5th
11	44	22.00	16.21	13.53	11.84	10.64	14	44	17.28	12.74	10.63	9.31	8.36
11	45	22.50	16.58	13.84	12.11	10.89	14	45	17.68	13.03	10.88	9.52	8.55
11	46	23.00	16.95	14.15	12.38	11.13	14	46	18.07	13.32	11.12	9.73	8.74
11	47	23.50	17.32	14.46	12.65	11.37	14	47	18.46	13.61	11.36	9.94	8.93
11	48	24.00	17.68	14.76	12.92	11.61	14	48	18.86	13.89	11.60	10.15	9.12
11	49	24.50	18.05	15.07	13.19	11.85	14	49	19.25	14.18	11.84	10.36	9.31
11	50	25.00	18.42	15.38	13.46	12.10	14	50	19.64	14.47	12.08	10.58	9.50
11	51	25.50	18.79	15.69	13.73	12.34	14	51	20.03	14.76	12.33	10.79	9.69
11	52	26.00	19.16	15.99	14.00	12.58	14	52	20.43	15.05	12.57	11.00	9.88
11	53	26.50	19.53	16.30	14.27	12.82	14	53	20.82	15.34	12.81	11.21	10.07
11	54	27.00	19.89	16.61	14.54	13.06	14	54	21.21	15.63	13.05	11.42	10.26
11	55	27.50	20.26	16.92	14.81	13.30	14	55	21.61	15.92	13.29	11.63	10.45
12	44	20.17	14.86	12.41	10.86	9.76	15	44	16.13	11.89	9.92	8.69	7.81
12	45	20.62	15.20	12.69	11.10	9.98	15	45	16.50	12.16	10.15	8.88	7.98
12	46	21.08	15.54	12.97	11.35	10.20	15	46	16.87	12.43	10.38	9.08	8.16
12	47	21.54	15.87	13.25	11.60	10.42	15	47	17.23	12.70	10.60	9.28	8.34
12	48	22.00	16.21	13.53	11.84	10.64	15	48	17.60	12.97	10.83	9.48	8.52
12	49	22.46	16.55	13.82	12.09	10.87	15	49	17.97	13.24	11.05	9.67	8.69
12	50	22.91	16.89	14.10	12.34	11.09	15	50	18.33	13.51	11.28	9.87	8.87
12	51	23.37	17.22	14.38	12.58	11.31	15	51	18.70	13.78	11.50	10.07	9.05
12	52	23.83	17.56	14.66	12.83	11.53	15	52	19.07	14.05	11.73	10.26	9.22
12	53	24.29	17.90	14.94	13.08	11.75	15	53	19.43	14.32	11.95	10.46	9.40
12	54	24.75	18.24	15.23	13.32	11.97	15	54	19.80	14.59	12.18	10.66	9.58
12	55	25.21	18.57	15.51	13.57	12.20	15	55	20.17	14.86	12.41	10.86	9.76
13	44	18.61	13.72	11.45	10.02	9.01	16	44	15.12	11.14	9.30	8.14	7.32
13	45	19.04	14.03	11.71	10.25	9.21	16	45	15.47	11.40	9.52	8.33	7.48
13	46	19.46	14.34	11.97	10.48	9.42	16	46	15.81	11.65	9.73	8.51	7.65
13	47	19.88	14.65	12.23	10.71	9.62	16	47	16.15	11.90	9.94	8.70	7.82
13	48	20.31	14.96	12.49	10.93	9.83	16	48	16.50	12.16	10.15	8.88	7.98
13	49	20.73	15.28	12.75	11.16	10.03	16	49	16.84	12.41	10.36	9.07	8.15
13	50	21.15	15.59	13.01	11.39	10.23	16	50	17.19	12.66	10.57	9.25	8.32
13	51	21.58	15.90	13.27	11.62	10.44	16	51	17.53	12.92	10.78	9.44	8.48
13	52	22.00	16.21	13.53	11.84	10.64	16	52	17.87	13.17	11.00	9.62	8.65
13	53	22.42	16.52	13.79	12.07	10.85	16	53	18.22	13.42	11.21	9.81	8.81
13	54	22.84	16.83	14.05	12.30	11.05	16	54	18.56	13.68	11.42	9.99	8.98
13	55	23.27	17.15	14.31	12.53	11.26	16	55	18.90	13.93	11.63	10.18	9.15

'12-'19 Suzuki GSX-R600													
Ratios X:1		1	2	3	4	5	Primary Ratio=1.974:1						
Front	Back	1st	2nd	3rd	4th	5th	Front	Back	1st	2nd	3rd	4th	5th
11	44	21.24	16.66	13.90	12.00	10.66	14	44	16.69	13.09	10.92	9.43	8.38
11	45	21.72	17.04	14.21	12.27	10.90	14	45	17.07	13.39	11.17	9.64	8.57
11	46	22.21	17.42	14.53	12.55	11.14	14	46	17.45	13.69	11.42	9.86	8.76
11	47	22.69	17.80	14.84	12.82	11.39	14	47	17.83	13.98	11.66	10.07	8.95
11	48	23.17	18.18	15.16	13.09	11.63	14	48	18.21	14.28	11.91	10.29	9.14
11	49	23.65	18.55	15.48	13.37	11.87	14	49	18.59	14.58	12.16	10.50	9.33
11	50	24.14	18.93	15.79	13.64	12.11	14	50	18.96	14.88	12.41	10.72	9.52
11	51	24.62	19.31	16.11	13.91	12.36	14	51	19.34	15.17	12.66	10.93	9.71
11	52	25.10	19.69	16.42	14.18	12.60	14	52	19.72	15.47	12.90	11.14	9.90
11	53	25.58	20.07	16.74	14.46	12.84	14	53	20.10	15.77	13.15	11.36	10.09
11	54	26.07	20.45	17.06	14.73	13.08	14	54	20.48	16.07	13.40	11.57	10.28
11	55	26.55	20.83	17.37	15.00	13.32	14	55	20.86	16.36	13.65	11.79	10.47
12	44	19.47	15.27	12.74	11.00	9.77	15	44	15.58	12.22	10.19	8.80	7.82
12	45	19.91	15.62	13.03	11.25	9.99	15	45	15.93	12.50	10.42	9.00	7.99
12	46												

'05-'06 Kawasaki ZX-6R 636													
Ratios X:1		1	2	3	4	5	6th Gear 1.153						
Front	Back	2.923	2.055	1.666	1.45	1.272	Primary Ratio=1.891:1						
Front	Back	1st	2nd	3rd	4th	5th	Front	Back	1st	2nd	3rd	4th	5th
11	44	22.11	15.54	12.60	10.97	9.62	14	44	17.37	12.21	9.90	8.62	7.56
11	45	22.61	15.90	12.89	11.22	9.84	14	45	17.77	12.49	10.13	8.81	7.73
11	46	23.11	16.25	13.17	11.47	10.06	14	46	18.16	12.77	10.35	9.01	7.90
11	47	23.62	16.60	13.46	11.72	10.28	14	47	18.56	13.05	10.58	9.21	8.08
11	48	24.12	16.96	13.75	11.96	10.50	14	48	18.95	13.32	10.80	9.40	8.25
11	49	24.62	17.31	14.03	12.21	10.71	14	49	19.35	13.60	11.03	9.60	8.42
11	50	25.12	17.66	14.32	12.46	10.93	14	50	19.74	13.88	11.25	9.79	8.59
11	51	25.63	18.02	14.61	12.71	11.15	14	51	20.14	14.16	11.48	9.99	8.76
11	52	26.13	18.37	14.89	12.96	11.37	14	52	20.53	14.43	11.70	10.18	8.93
11	53	26.63	18.72	15.18	13.21	11.59	14	53	20.93	14.71	11.93	10.38	9.11
11	54	27.13	19.08	15.47	13.46	11.81	14	54	21.32	14.99	12.15	10.58	9.28
11	55	27.64	19.43	15.75	13.71	12.03	14	55	21.71	15.27	12.38	10.77	9.45
12	44	20.27	14.25	11.55	10.05	8.82	15	44	16.21	11.40	9.24	8.04	7.06
12	45	20.73	14.57	11.81	10.28	9.02	15	45	16.58	11.66	9.45	8.23	7.22
12	46	21.19	14.90	12.08	10.51	9.22	15	46	16.95	11.92	9.66	8.41	7.38
12	47	21.65	15.22	12.34	10.74	9.42	15	47	17.32	12.18	9.87	8.59	7.54
12	48	22.11	15.54	12.60	10.97	9.62	15	48	17.69	12.44	10.08	8.77	7.70
12	49	22.57	15.87	12.86	11.20	9.82	15	49	18.06	12.69	10.29	8.96	7.86
12	50	23.03	16.19	13.13	11.42	10.02	15	50	18.42	12.95	10.50	9.14	8.02
12	51	23.49	16.52	13.39	11.65	10.22	15	51	18.79	13.21	10.71	9.32	8.18
12	52	23.95	16.84	13.65	11.88	10.42	15	52	19.16	13.47	10.92	9.51	8.34
12	53	24.41	17.16	13.91	12.11	10.62	15	53	19.53	13.73	11.13	9.69	8.50
12	54	24.87	17.49	14.18	12.34	10.82	15	54	19.90	13.99	11.34	9.87	8.66
12	55	25.33	17.81	14.44	12.57	11.02	15	55	20.27	14.25	11.55	10.05	8.82
13	44	18.71	13.15	10.66	9.28	8.14	16	44	15.20	10.69	8.66	7.54	6.61
13	45	19.13	13.45	10.91	9.49	8.33	16	45	15.55	10.93	8.86	7.71	6.77
13	46	19.56	13.75	11.15	9.70	8.51	16	46	15.89	11.17	9.06	7.88	6.92
13	47	19.98	14.05	11.39	9.91	8.70	16	47	16.24	11.42	9.25	8.05	7.07
13	48	20.41	14.35	11.63	10.12	8.88	16	48	16.58	11.66	9.45	8.23	7.22
13	49	20.83	14.65	11.87	10.34	9.07	16	49	16.93	11.90	9.65	8.40	7.37
13	50	21.26	14.95	12.12	10.55	9.25	16	50	17.27	12.14	9.85	8.57	7.52
13	51	21.68	15.25	12.36	10.76	9.44	16	51	17.62	12.39	10.04	8.74	7.67
13	52	22.11	15.54	12.60	10.97	9.62	16	52	17.96	12.63	10.24	8.91	7.82
13	53	22.53	15.84	12.84	11.18	9.81	16	53	18.31	12.87	10.44	9.08	7.97
13	54	22.96	16.14	13.09	11.39	9.99	16	54	18.65	13.12	10.63	9.25	8.12
13	55	23.39	16.44	13.33	11.60	10.18	16	55	19.00	13.36	10.83	9.43	8.27

'13-'21 Kawasaki ZX-6R 636													
Ratios X:1		1	2	3	4	5	6th Gear 1.3						
Front	Back	2.846	2.2	1.85	1.6	1.421	Primary Ratio=1.900:1						
Front	Back	1st	2nd	3rd	4th	5th	Front	Back	1st	2nd	3rd	4th	5th
11	44	21.63	16.72	14.06	12.16	10.80	14	44	16.99	13.14	11.05	9.55	8.49
11	45	22.12	17.10	14.38	12.44	11.05	14	45	17.38	13.44	11.30	9.77	8.68
11	46	22.61	17.48	14.70	12.71	11.29	14	46	17.77	13.73	11.55	9.99	8.87
11	47	23.10	17.86	15.02	12.99	11.54	14	47	18.15	14.03	11.80	10.21	9.06
11	48	23.60	18.24	15.34	13.27	11.78	14	48	18.54	14.33	12.05	10.42	9.26
11	49	24.09	18.62	15.66	13.54	12.03	14	49	18.93	14.63	12.30	10.64	9.45
11	50	24.58	19.00	15.98	13.82	12.27	14	50	19.31	14.93	12.55	10.86	9.64
11	51	25.07	19.38	16.30	14.09	12.52	14	51	19.70	15.23	12.80	11.07	9.84
11	52	25.56	19.76	16.62	14.37	12.76	14	52	20.08	15.53	13.06	11.29	10.03
11	53	26.05	20.14	16.94	14.65	13.01	14	53	20.47	15.82	13.31	11.51	10.22
11	54	26.55	20.52	17.26	14.92	13.25	14	54	20.86	16.12	13.56	11.73	10.41
11	55	27.04	20.90	17.58	15.20	13.50	14	55	21.24	16.42	13.81	11.94	10.61
12	44	19.83	15.33	12.89	11.15	9.90	15	44	15.86	12.26	10.31	8.92	7.92
12	45	20.28	15.68	13.18	11.40	10.12	15	45	16.22	12.54	10.55	9.12	8.10
12	46	20.73	16.02	13.47	11.65	10.35	15	46	16.58	12.82	10.78	9.32	8.28
12	47	21.18	16.37	13.77	11.91	10.57	15	47	16.94	13.10	11.01	9.53	8.46
12	48	21.63	16.72	14.06	12.16	10.80	15	48	17.30	13.38	11.25	9.73	8.64
12	49	22.08	17.07	14.35	12.41	11.02	15	49	17.66	13.65	11.48	9.93	8.82
12	50	22.53	17.42	14.65	12.67	11.25	15	50	18.02	13.93	11.72	10.13	9.00
12	51	22.98	17.77	14.94	12.92	11.47	15	51	18.39	14.21	11.95	10.34	9.18
12	52	23.43	18.11	15.23	13.17	11.70	15	52	18.75	14.49	12.19	10.54	9.36
12	53	23.88	18.46	15.52	13.43	11.92	15	53	19.11	14.77	12.42	10.74	9.54
12	54	24.33	18.81	15.82	13.68	12.15	15	54	19.47	15.05	12.65	10.94	9.72
12	55	24.78	19.16	16.11	13.93	12.37	15	55	19.83	15.33	12.89	11.15	9.90
13	44	18.30	14.15	11.90	10.29	9.14	16	44	14.87	11.50	9.67	8.36	7.42
13	45	18.72	14.47	12.17	10.52	9.35	16	45	15.21	11.76	9.89	8.55	7.59
13	46	19.13	14.79	12.44	10.76	9.55	16	46	15.55	12.02	10.11	8.74	7.76
13	47	19.55	15.11	12.71	10.99	9.76	16	47	15.88	12.28	10.33	8.93	7.93
13	48	19.97	15.43	12.98	11.22	9.97	16	48	16.22	12.54	10.55	9.12	8.10
13	49	20.38	15.76	13.25	11.46	10.18	16	49	16.56	12.80	10.76	9.31	8.27
13	50	20.80	16.08	13.52	11.69	10.38	16	50	16.90	13.06	10.98	9.50	8.44
13	51	21.21	16.40	13.79	11.93	10.59	16	51	17.24	13.32	11.20	9.69	8.61
13	52	21.63	16.72	14.06	12.16	10.80	16	52	17.57	13.59	11.42	9.88	8.77
13	53	22.05	17.04	14.33	12.39	11.01	16	53	17.91	13.85	11.64	10.07	8.94
13	54	22.46	17.36	14.60	12.63	11.21	16	54	18.25	14.11	11.86	10.26	9.11
13	55	22.88	17.68	14.87	12.86	11.42	16	55	18.59	14.37	12.08	10.45	9.28

'07-'12 Kawasaki ZX-6R 636													
Ratios X:1		1	2	3	4	5	6th Gear 1.3						
Front	Back	2.714	2.2	1.85	1.6	1.421	Primary Ratio=1.900:1						
Front	Back	1st	2nd	3rd	4th	5th	Front	Back	1st	2nd	3rd	4th	5th
11	44	20.63	16.72	14.06	12.16	10.80	14	44	16.21	13.14	11.05	9.55	8.49
11	45	21.10	17.10	14.38	12.44	11.05	14	45	16.57	13.44	11.30	9.77	8.68
11	46	21.56	17.48	14.70	12.71	11.29	14	46	16.94	13.73	11.55	9.99	8.87
11	47	22.03	17.86	15.02	12.99	11.54	14	47	17.31	14.03	11.80	10.21	9.06
11	48	22.50	18.24	15.34	13.27	11.78	14	48	17.68	14.33	12.05	10.42	9.26
11	49	22.97	18.62	15.66	13.54	12.03	14	49	18.05	14.63	12.30	10.64	9.45
11	50	23.44	19.00	15.98	13.82	12.27	14	50	18.42	14.93	12.55	10.86	9.64
11	51	23.91	19.38	16.30	14.09	12.52	14	51	18.78	15.23	12.80	11.07	9.84
11	52	24.38	19.76	16.62	14.37	12.76	14	52	19.15	15.53	13.06	11.29	10.03
11	53	24.85	20.14	16.94	14.65	13.01	14	53	19.52	15.82	13.31	11.51	10.22
11	54	25.31	20.52	17.26	14.92	13.25	14	54	19.89	16.12	13.56	11.73	10.41
11	55	25.78											

'09-'16 Suzuki GSX-R1000														
		1	2	3	4	5	Primary Ratio=1.617:1							
Ratios X:1		2.563	2.053	1.714	1.500	1.360	Front		Back	1st	2nd	3rd	4th	5th
Front	Back	1st	2nd	3rd	4th	5th	Front	Back	1st	2nd	3rd	4th	5th	
11	44	16.57	13.28	11.09	9.70	8.80	14	44	13.02	10.43	8.71	7.62	6.91	
11	45	16.95	13.58	11.34	9.92	9.00	14	45	13.32	10.67	8.91	7.80	7.07	
11	46	17.33	13.88	11.59	10.14	9.20	14	46	13.61	10.91	9.11	7.97	7.23	
11	47	17.70	14.18	11.84	10.36	9.40	14	47	13.91	11.14	9.31	8.14	7.38	
11	48	18.08	14.48	12.10	10.58	9.60	14	48	14.21	11.38	9.50	8.32	7.54	
11	49	18.46	14.79	12.35	10.80	9.80	14	49	14.50	11.62	9.70	8.49	7.70	
11	50	18.83	15.09	12.60	11.03	10.00	14	50	14.80	11.85	9.90	8.66	7.85	
11	51	19.21	15.39	12.85	11.25	10.20	14	51	15.09	12.09	10.10	8.84	8.01	
11	52	19.59	15.69	13.10	11.47	10.40	14	52	15.39	12.33	10.30	9.01	8.17	
11	53	19.96	15.99	13.36	11.69	10.60	14	53	15.69	12.57	10.49	9.18	8.33	
11	54	20.34	16.29	13.61	11.91	10.80	14	54	15.98	12.80	10.69	9.36	8.48	
11	55	20.72	16.60	13.86	12.13	11.00	14	55	16.28	13.04	10.89	9.53	8.64	
12	44	15.19	12.17	10.16	8.89	8.06	15	44	12.15	9.74	8.13	7.11	6.45	
12	45	15.54	12.45	10.40	9.10	8.25	15	45	12.43	9.96	8.32	7.28	6.60	
12	46	15.88	12.72	10.63	9.30	8.43	15	46	12.71	10.18	8.50	7.44	6.74	
12	47	16.23	13.00	10.86	9.50	8.61	15	47	12.98	10.40	8.69	7.60	6.89	
12	48	16.57	13.28	11.09	9.70	8.80	15	48	13.26	10.62	8.87	7.76	7.04	
12	49	16.92	13.55	11.32	9.90	8.98	15	49	13.54	10.84	9.06	7.92	7.18	
12	50	17.26	13.83	11.55	10.11	9.16	15	50	13.81	11.06	9.24	8.09	7.33	
12	51	17.61	14.11	11.78	10.31	9.35	15	51	14.09	11.28	9.42	8.25	7.48	
12	52	17.96	14.38	12.01	10.51	9.53	15	52	14.36	11.51	9.61	8.41	7.62	
12	53	18.30	14.66	12.24	10.71	9.71	15	53	14.64	11.73	9.79	8.57	7.77	
12	54	18.65	14.94	12.47	10.91	9.90	15	54	14.92	11.95	9.98	8.73	7.92	
12	55	18.99	15.21	12.71	11.12	10.08	15	55	15.19	12.17	10.16	8.89	8.06	
13	44	14.02	11.23	9.38	8.21	7.44	16	44	11.39	9.13	7.62	6.67	6.05	
13	45	14.34	11.49	9.60	8.40	7.61	16	45	11.65	9.33	7.80	6.82	6.19	
13	46	14.66	11.74	9.81	8.58	7.78	16	46	11.91	9.54	7.97	6.97	6.32	
13	47	14.98	12.00	10.02	8.77	7.95	16	47	12.17	9.75	8.14	7.12	6.46	
13	48	15.30	12.26	10.24	8.96	8.12	16	48	12.43	9.96	8.32	7.28	6.60	
13	49	15.62	12.51	10.45	9.14	8.29	16	49	12.69	10.16	8.49	7.43	6.73	
13	50	15.94	12.77	10.66	9.33	8.46	16	50	12.95	10.37	8.66	7.58	6.87	
13	51	16.26	13.02	10.87	9.52	8.63	16	51	13.21	10.58	8.84	7.73	7.01	
13	52	16.57	13.28	11.09	9.70	8.80	16	52	13.47	10.79	9.01	7.88	7.15	
13	53	16.89	13.53	11.30	9.89	8.97	16	53	13.73	10.99	9.18	8.03	7.28	
13	54	17.21	13.79	11.51	10.08	9.13	16	54	13.98	11.20	9.36	8.19	7.42	
13	55	17.53	14.04	11.73	10.26	9.30	16	55	14.24	11.41	9.53	8.34	7.56	

'17 & Up Suzuki GSX-R1000														
		1	2	3	4	5	Primary Ratio=1.652:1							
Ratios X:1		2.563	2.053	1.714	1.500	1.360	Front		Back	1st	2nd	3rd	4th	5th
Front	Back	1st	2nd	3rd	4th	5th	Front	Back	1st	2nd	3rd	4th	5th	
11	44	16.93	13.56	11.33	9.91	8.99	14	44	13.30	10.66	8.90	7.79	7.06	
11	45	17.32	13.87	11.59	10.14	9.19	14	45	13.61	10.90	9.10	7.97	7.22	
11	46	17.70	14.18	11.84	10.36	9.40	14	46	13.91	11.14	9.31	8.14	7.38	
11	47	18.09	14.49	12.10	10.59	9.60	14	47	14.21	11.38	9.51	8.32	7.54	
11	48	18.47	14.80	12.36	10.81	9.80	14	48	14.51	11.63	9.71	8.50	7.70	
11	49	18.86	15.11	12.62	11.04	10.01	14	49	14.82	11.87	9.91	8.67	7.86	
11	50	19.24	15.41	12.87	11.26	10.21	14	50	15.12	12.11	10.11	8.85	8.02	
11	51	19.63	15.72	13.13	11.49	10.42	14	51	15.42	12.35	10.32	9.03	8.18	
11	52	20.01	16.03	13.39	11.71	10.62	14	52	15.72	12.59	10.52	9.20	8.34	
11	53	20.40	16.34	13.65	11.94	10.83	14	53	16.03	12.84	10.72	9.38	8.51	
11	54	20.78	16.65	13.90	12.16	11.03	14	54	16.33	13.08	10.92	9.56	8.67	
11	55	21.17	16.95	14.16	12.39	11.23	14	55	16.63	13.32	11.13	9.74	8.83	
12	44	15.52	12.43	10.38	9.09	8.24	15	44	12.42	9.95	8.31	7.27	6.59	
12	45	15.87	12.72	10.62	9.29	8.43	15	45	12.70	10.17	8.50	7.43	6.74	
12	46	16.23	13.00	10.86	9.50	8.61	15	46	12.98	10.40	8.68	7.60	6.89	
12	47	16.58	13.28	11.09	9.71	8.80	15	47	13.26	10.62	8.87	7.76	7.04	
12	48	16.93	13.56	11.33	9.91	8.99	15	48	13.55	10.85	9.06	7.93	7.19	
12	49	17.29	13.85	11.56	10.12	9.17	15	49	13.83	11.08	9.25	8.09	7.34	
12	50	17.64	14.13	11.80	10.33	9.36	15	50	14.11	11.30	9.44	8.26	7.49	
12	51	17.99	14.41	12.04	10.53	9.55	15	51	14.39	11.53	9.63	8.43	7.64	
12	52	18.34	14.69	12.27	10.74	9.74	15	52	14.68	11.76	9.82	8.59	7.79	
12	53	18.70	14.98	12.51	10.94	9.92	15	53	14.96	11.98	10.01	8.76	7.94	
12	54	19.05	15.26	12.74	11.15	10.11	15	54	15.24	12.21	10.20	8.92	8.09	
12	55	19.40	15.54	12.98	11.36	10.30	15	55	15.52	12.43	10.38	9.09	8.24	
13	44	14.33	11.48	9.59	8.39	7.60	16	44	11.64	9.33	7.79	6.81	6.18	
13	45	14.65	11.74	9.80	8.58	7.78	16	45	11.91	9.54	7.97	6.97	6.32	
13	46	14.98	12.00	10.02	8.77	7.95	16	46	12.17	9.75	8.14	7.12	6.46	
13	47	15.30	12.26	10.24	8.96	8.12	16	47	12.44	9.96	8.32	7.28	6.60	
13	48	15.63	12.52	10.46	9.15	8.30	16	48	12.70	10.17	8.50	7.43	6.74	
13	49	15.96	12.78	10.67	9.34	8.47	16	49	12.96	10.38	8.67	7.59	6.88	
13	50	16.28	13.04	10.89	9.53	8.64	16	50	13.23	10.60	8.85	7.74	7.02	
13	51	16.61	13.30	11.11	9.72	8.81	16	51	13.49	10.81	9.03	7.90	7.16	
13	52	16.93	13.56	11.33	9.91	8.99	16	52	13.76	11.02	9.20	8.05	7.30	
13	53	17.26	13.82	11.55	10.10	9.16	16	53	14.02	11.23	9.38	8.21	7.44	
13	54	17.58	14.09	11.76	10.29	9.33	16	54	14.29	11.44	9.56	8.36	7.58	
13	55	17.91	14.35	11.98	10.48	9.51	16	55	14.55	11.66	9.74	8.52	7.72	

'04-'11 Yamaha R1 1000cc														
		1	2	3	4	5	6th Gear 1.269 Primary Ratio=1.512:1							
Ratios X:1		2.533	2.063	1.762	1.522	1.364	Front		Back	1st	2nd	3rd	4th	5th
Front	Back	1st	2nd	3rd	4th	5th	Front	Back	1st	2nd	3rd	4th	5th	
11	44	15.32	12.48	10.66	9.21	8.25	14	44	12.04	9.80	8.37	7.23	6.48	
11	45	15.67	12.76	10.90	9.41	8.44	14	45	12.31	10.03	8.56	7.40	6.63	
11	46	16.02	13.04	11.14	9.62	8.62	14	46	12.58	10.25	8.75	7.56	6.78	
11	47	16.36	13.33	11.38	9.83	8.81	14	47	12.86	10.47	8.94	7.73	6.92	
11	48	16.71	13.61	11.63	10.04	9.00	14	48	13.13	10.69	9.13	7.89	7.07	
11	49	17.06	13.89	11.87	10.25	9.19	14	49	13.40	10.92	9.32	8.05	7.22	
11	50	17.41	14.18	12.11	10.46	9.37	14	50	13.68	11.14	9.51	8.22	7.37	
11	51	17.76	14.46	12.35	10.67	9.56	14	51	13.95	11.36	9.71	8.38	7.51	
11	52	18.10	14.75	12.59	10.88	9.75	14	52	14.23	11.59	9.90	8.55	7.66	
11	53	18.45	15.03	12.84	11.09	9.94	14	53	14.50	11.81	10.09	8.71	7.81	
11	54	18.80	15.31	13.08	11.30	10.12	14	54	14.77	12.03	10.28	8.88	7.95	
11	55	19.15	15.60	13.32	11.51	10.31	14	55	15.05	12.25	10.47	9.04	8.10	
12														

How To Use a Gearing Chart:

Use the information in the gearing charts to determine front and rear sprocket combinations. The numbers in the charts represents the final drive ratio (FDR). This gearing ratio or FDR is the number of times the crankshaft turns to every one turn of the rear axle. The formula for calculating this is very straight forward:

final drive ratio (FDR) = primary x secondary x tertiary ratio

Primary ratio = crankshaft to main transmission shaft ratio, number of teeth on the trans shaft divided by number of teeth on crank shaft

Secondary ratio = the ratio between the gears in the transmission. These will be different for each gear that you have in the transmission.

Tertiary ratio = the rear rear sprocket # of teeth divided by the front sprocket # of teeth so a 13 - 51 sprocket combination = a 3.923 ratio.

For example, if you are running in third gear and you need to add a tooth but don't have the sprockets to do it, you may be able to use second gear or a different combination with a different front tooth sprocket. Just find the same ratio you want in another combination, and the chart will tell you which sprockets use. It also can be used to find a ratio between two teeth. Look for different ratios that might fall in between two sprockets.

Does it matter which front and rear sprocket I use?

It does not matter which rear gear you use or what size front sprocket. The final drive ratio is all that matters. If a smaller front sprocket makes the car come off the corners better, we would all be running 6 tooth front sprockets. Some drivers may say, "the car comes off the turn a lot better in second gear than third". Again, the final drive is all that matters! Many races have been won using 6th gear on a small track. It takes some funky sprockets to make that work, like maybe an 11-60, but it works the same as running in 2nd gear with a 16-47.

The engine and rear axle only know how many times the crankshaft turns relative to how many times the rear axle turns.

That being said, there may be some slight advantage to running larger front sprockets because the chain does not have to wrap as tight and may be more efficient, but on the dyno it does not show an advantage. Also a bigger sprocket, front and back, adds some rotating weight. Again, these effects seem to be so small it does not matter.

Tire Size Does Matter

Rear tires can be inconsistent in diameter, so take into account how it will affect your gearing when you change tire sizes, even from a 68" to a 69". Take a common example of changing from a Hoosier 69W tire to an American Racer 70" tire (measures more like 71").

Formula:
(Old Tire Size/New Tire Size) = New Sprocket/Old Sprocket or
(New Tire Size/Old Tire Size) x Old Sprocket = New Sprocket

For example: Running a 52 tooth rear sprocket and changing from a 69" to a 71" right rear tire: (71/69) * 52 = 53.51

So, increase at least one tooth, maybe two teeth, on the rear due to the 3" increase in right rear tire circumference. It does not appear that the left rear affects the gearing nearly as much as the right rear does.

Comparing Ratio of Different Engines

If you switch engine models or manufacturers or you are trying to compare your gearing to a friend's who has a different type of engine, there is a formula to do just that. Due to different rev limiters, the final drive gear ratio will be different for each type engine.

Formula:
(New RPM Limit/Old RPM Limit) x Old Ratio = New Gearing Ratio

We try to gear our engines so we just hit the rev limiter at the end of the straight. If you have a rev limiter that is not stock and is higher than where you actually want to rev your engine, then use the RPM of your desired max rev limit.

FINAL DRIVE RATIO RECOMMENDATIONS

		Rev Limit			
		14,800	16,100	16,700	17,100
Size of Track	1/10 Mile	9.9	10.8	11.2	11.5
	3/8 Mile	11.2	12.2	12.6	12.9
	1/4 Mile	11.6	12.6	13.0	13.3
	1/8 Mile	12	13.0	13.4	13.7
	1/6 Mile	12.6	13.6	14.0	14.3
	1/8 Mile	12.9	13.9	14.3	14.6
	1/10 Mile	13.5	14.5	14.9	15.1
		Final Drive Ratio			

Above are some FDR ratios to start with based on a 69" right rear tire and winged racing. For wingless racing, you will need to drop a tooth in the rear, or subtract .3 from the final drive ratio.

Different parts of the country call their tracks different sizes. The FDR chart above is based on the track sizes listed below.

1/10 Mile or Hockey Rink Indoor	1/4 Mile
Trenton Cure Arena (NJ)	Linda's Speedway (PA)
Boardwalk Hall, Atlantic City (NJ)	Path Valley Speedway (PA)
1/8 Mile	Paradise Speedway (NY)
Action Track USA, Kutztown (PA)	Jacksonville Speedway (IL)
Charleston Speedway (IL)	1/3 Mile
Port City Raceway (OK)	Trail-Way Speedway (PA)
1/6 Mile	Clinton County Motor Speedway (PA)
Lanco (Clyde Martin) Speedway (PA)	3/8 Mile
Macon Speedway (IL)	Grandview Speedway (PA)
Cycleland (CA)	Chandler Speedway (IN)
Greenwood Valley Action Track (PA)	Lincoln Speedway (IL)
Tulsa Shootout	4/10 Mile
1/5 Mile	East Bay Raceway Park (FL)
Plaza Park Raceway (CA)	BAPS/Susquehanna (PA)
Lemoore Raceway (CA)	
Sweet Springs (MO)	

Different Rev Limiters

The FDR will be determined by the size of the track, the shape of the track, and where your rev limiter of the engine is set. The final drive gear ratio will be different if you are changing rev limiters or comparing gearing with a friend who has an engine with a different rev limiter. Here is the formula to calculate how the ratio will change for a different rev limiter setting:

(New RPM Limit/Old RPM Limit) x Old Ratio = New Gearing Ratio

We try to gear our engines so we just hit the rev limiter at the end of the straight. If you have a rev limiter that is higher than where you actually want to rev your engine, then use the RPM of your desired max rev limit.

We will set the rev limit to 17,200 for a 600cc engine and 16,700 for a Yamaha 2 mil engine, and 15,700 for a Kawasaki 636. U6SA engines by rule need to be set to 16,100 for a 600cc engine and 14,800 for any 2006 or older model year 636cc engine.



PA 600 SPEEDWEEK
CLYDE MARTIN
MEMORIAL SPEEDWAY



JOHNNY BOLAND
TULSA SHOOTOUT



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GETTING HERE

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Hyper Racing

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Lewisberry, Pennsylvania 17339

SHOP/ORDER DESK HOURS

Monday & Tuesday:

8:30 a.m.-8 p.m.

Wednesday & Thursday:

8:30 a.m.-6 p.m.

Friday:

8:30 a.m.-noon

Saturday:

9:00 a.m.-noon



shop talk

holiday closings

Memorial Day

Independence Day (July 4th)

Labor Day

Thanksgiving

Christmas Day

Christmas Eve (Close at noon)

New Year's Day

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3 WAYS TO ORDER

- **Order online at www.hyperracing.com**
- **Call (717) 220-4470 during business hours to place your order**
- **Fax your order to (717) 220-4470**

PAYMENT METHODS

Visa, MasterCard, Discover, American Express, PayPal, cash, cashier's checks, and money orders are accepted.

BACK ORDERS

Our aim is to deliver your order complete. However, keep in mind that we buy our items from many suppliers and we cannot always control their deliveries to us.

- If an item is unavailable for immediate delivery, it will be shown on the order as back ordered and shipped to you as soon as possible.
- If you have specific requests regarding back orders or what we should do if your order is unable to ship complete, let us know and we will do our best to accommodate you.

YOU WANT IT WHEN?

Most orders are ready to be shipped within 24 hours of receipt. Most orders received by 12 noon E.S.T. will ship that same day.

We will help you to select the shipping option that best fits your schedule and budget.

FAST ORDERING

Have your part numbers and quantities ready when you order.

ORDER CONFIRMATION VIA EMAIL

Provide us with your email address and we will send you an email containing:

- **website orders only-order received**
- **sales order**
- **invoice with shipping total**
- **tracking number from shipper**

Verify items/quantities, shipping speed/address, and payment type. Call us immediately if there is any discrepancy!

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The following items are eligible for return or exchange within 10 calendar days: anything purchased from Hyper Racing except special order or custom built parts, or items that have been used, modified, altered, or allowed to deteriorate to a condition where they cannot be resold as new. Credit on account or to credit card will be given. No cash refunds. Beyond the 10 day period, items may still be eligible for return/exchange, however a 20% minimum restocking fee will be charged. Proof of purchase must be included with all returns. Shipping charges are not refundable.

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Items for shipment to countries outside of the U.S. may be subject to taxes, customs duties and fees levied by the destination country ("import fees"). The recipient of the shipment is the importer of record in the destination country and is responsible for (1) ensuring the imported goods comply with local laws and regulations, (2) filing a completed duty entry and associated documents, and (3) paying the assessed import duties and other taxes on those goods.

shop talk

shipping notes

- *Due to our high volume, we have earned great shipping rates from UPS, FedEx, and US Postal and we pass those rates along to you!*
- *Shipping costs are charged by weight, size of package, shipping speed and zip code.*
- *Deliveries to commercial address are more economical. (Home businesses are usually considered residential by shippers.)*

shop talk

hyper pride

As of December 2020, Hyper Drivers racked up over 6,000 wins in the last 12 years! In 2019 alone, our drivers had 559 feature wins with 179 different winners and 38 point championships

Visit hyperracing.com and check out our complete Feature Winners List by year.



SHOWROOM AND ORDER DESK



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