



PINKS ALL OUT

MIKE GOLUBSKI MAKES FINAL 16 ON PINKS ALL OUT!

One of the Golubski brothers is almost famous! Our good friend and long-time customer, Mike Golubski, took out a long string of cars to make it to the final 16 and made an appearance on "http://www.speedtv.com/programs/pinks-all-out/" *Pink's All Out*. Mike and his good-looking brother, Sonny, had to put a lowly Malibu (that's a Chevy, I think) in its place to make the final 16 but they did what they had to do and

made us Mopar fans proud. Be sure and watch *Pink's All Out* on The Speed Channel, Sept. 24th, to see Mike and his mighty Hughes Engines roar down the track.

C.N.C. Ported Heads Provide Max Horsepower



By combining a state-of-the-art, 5 axis C.N.C. machining center along with years of porting experience, Hughes Engines is able to design ports that will allow your engine to create more torque and horsepower than ever. Hughes C.N.C. ports all of the Edelbrock heads for your Mopar along with the Pro Comp and Stealth heads.

Hughes Engines has mastered

the art of creating "Fat Flow." Your cam spends much more time in the mid-lift areas and this is where power can be made. By focusing on flow numbers all through the range of the cam, Hughes heads are able to make more torque and power with their "Fat Flow." Call today or visit "http://www.HughesEngines.com" to learn more.

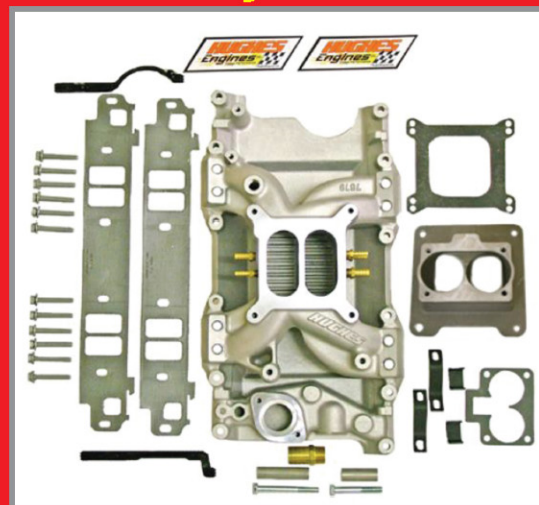
NEWSFLASH:

Hughes Engines to be at Monster Mopar Weekend!

Once again Hughes Engines will be displaying their products during the Monster Mopar Weekend at Gateway International Speedway near St. Louis Sept. 25-26 & 27th. The tent will be filled with deals and displays of the latest new parts for your Mopar. The highlight of the week-end will once again be the FREE TECH SEMINARS held by Dave Hughes. Be sure to stop by and say hi.



Hughes Engines FI AirGap takes the Magnum World by storm!



"I can't believe the difference in power!" L.D. Sacramento, CA.

"I have been getting 25mpg at 70mph since installing my FI AirGap." S.H. Wharton, New Jersey.

"I could immediately notice an improvement from idle. I really noticed a big difference from 2200 - 4000rpm." B.H. St. Louis, MO.

These are just a few of the dozens of letters Hughes Engines has received from a long list of satisfied Magnum truck owners.

This intake, designed by Hughes Engines and manufactured by Edelbrock, is the best intake available for your Dodge Magnum engine. Not only will it increase your horsepower it will also improve your mileage (if you're able to keep your foot out of it!). Now you can maintain all of the low end torque of the stock factory barrel-style intake, yet get the increased, higher RPM horsepower you've been missing.

Read more inside in the Magnum section.



Hughes Engines Celebrates 40 years in the Automotive Industry

PSRST STD
U.S. Postage
PAID
Peoria, IL
Permit No. 1160

When Dave Hughes started porting cylinder heads for himself and a few friends back in 1969, he never dreamed that someday Hughes Engines would be considered one of the premier Mopar engine specialists in the world.

Well, it's 40 years later and Hughes Engines is recognized globally as a leader in innovation and design for Mopar engines. Dave and the entire staff at Hughes Engines want to thank all of their customers for 40 great years of not only making business acquaintances, but building friendships. Hughes Engines, along with their worldwide network of dealers, looks forward to many more years of serving the Mopar community by introducing new and creative products and, as always, providing world-class tech support.

HUGHES ENGINE EXCLUSIVE ITEMS

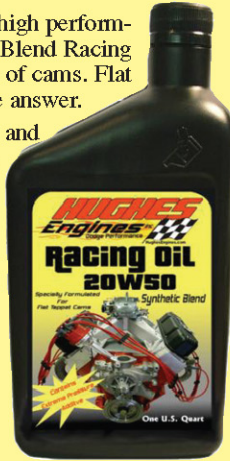
HUG 3720
20W50 RACE OIL SYNTHETIC BLEND
 ONE SINGLE QUART BOTTLE
You Asked For It ... You Got It! **\$7.75**

Finally an oil you can trust to run in your high performance engine. Hughes Engines new Synthetic Blend Racing Oil is compatible with all types of cams. Flat tappet to roller this oil is the answer.

We start with 100% PURE paraffin base oil and blend it with the highest quality PAO synthetic base stock available. The end result is a premium lubricant that not only provides cold start-up protection, it can handle the hot temperatures of your high performance beast.

The secret is a mixture of the highest quality mineral oils, the highest quality synthetic base stock and then a little pinch of three high wear additives (including our 3690 Extreme pressure Additive) to top it all off.

Also available at a discounted price in case lots of 6.



HUG 3266
INTAKE GASKET W/SILICONE SEAL **\$19.00**
Hughes Engine Exclusive!
 Side gaskets only standard and max wedge port sizes (2.375"/2.650" x 1.280" x 0.060" thick) Hughes Engines special, composition material w/silicone bead. This part number and price is for a pair of gaskets.

HUG 3422 SMALL BLOCK OIL PLATE GASKET **\$3.70**

HUG 3420S OIL PAN GASKET LB/RB **\$9.00**
Our Famous Premium Quality "Pink" Gasket

HUG 3690
EXTREME PRESSURE OIL ADDITIVE
 1 PINT
Save Those Flat Tappet Cam Lobes! **\$6.99**

Hughes Engines Extreme Pressure Lubricant is a state-of-the-art additive package that is compatible with standard (mineral-based) oils or synthetics. To complement this highly specialized additive package, a proven friction modifier, Micron Moly® is further blended into the oil treatment. Micron Moly® is a liquid-soluble type of moly that plates to the metal surfaces of the engine. Once plated, the moly forms a long-lasting lubricant film which prevents the metal surfaces from coming into contact with each other. By preventing metal to metal contact, damaging frictional wear is eliminated, which leads to less downtime and longer engine life.

This additive should be used with all flat tappet camshafts. We suggest using this with your break-in oil and at every oil change. One pint will treat up to 5 quarts of oil. Bulk orders of 72 pints or more will receive even greater discounts and must be ordered by phone. To order a case of 12 pints at a discounted price order p/n 3690C.



HUG 22401
DISTRIBUTOR COLLAR SHAFT STEEL
KEEPS THE DISTRIBUTOR FROM WALKING IN THE BLOCK **\$4.95**

Wonder why you can't seem to get your timing set correctly? Does the timing bounce around all over as you throttle up the engine? Put this collar on and it will lock the shaft in place and eliminate the play between the distributor shaft and the oil pump gear drive.



CAM SNOOT EXTENSION (MAGNUM) **\$18.50**

87-02 V6 & V8 EXTENDS LENGTH OF CAM SNOOT FOR FUEL PUMP ECCENTRIC
 HUG 7013 V8 Extends Length Of Cam Snout For Fuel Pump Eccentric Most hydraulic roller-cammed small blocks have a short snout (nose) on the front of the cam because they are normally used with in-tank electric fuel pumps. If a mechanical fuel pump is to be used, this cam snout extension is required to provide a mounting for the fuel pump eccentric. (P/N 10003)



HUG 7712 For Magnum V6 \$82.00
HUG 7714 For Magnum V8 \$86.00
Attention Magnum Truck Owners!
V6 AND V8 PLENUM REINFORCEMENT KITS

Replace the plenum plate with a one piece, high strength, 1/4" thick aluminum plate. It is supplied with all new, Grade 8 fasteners, new plenum gasket and detailed instructions. No factory fasteners are reused.



SUPER DEAL
HUG 426-RACE-KFH STROKER KIT
 360/426 SMALL BLOCK **\$2,575.00**

SMALL BLOCK 426 CUBIC INCH 'HEMISIZED'
 Small Block 426 Cubic Inch "hemisized" A premium kit including forged pistons, "H" beam billet rods, and a forged crankshaft. All of the correct rings, main & rod bearings are included. This kit is internally precision race-balanced.
 For hot street/bracket racing where maximum torque is needed and a light bob weight for quick acceleration. Can be installed in the 360 "LA" block or the Magnum blocks that can clean up at a 4.030" bore.
 Forged pistons are a step dish design, giving a compression ratio of 10.39:1 with a 58cc chambered head and 9.74:1 with 65cc chambers. Our goal in designing this was a premium pump gas ratio with iron or aluminum heads. The forged crankshaft has a standard 360 main bearing with NASCAR sized rod journals (1.988"). The stroke is 4.180". The lightweight rods will use lighter weight 0.912" pin diameter and will naturally be full floating. Minimal notching will be required to allow this kit to drop in. These kits will be internally, race balanced.



TECH TIPS CAMSHAFT
FREQUENTLY ASKED QUESTIONS

Q. Why should I use your cams?
A. Our cams are designed to take maximum advantage of Chrysler's large diameter (.904") lifter size.

Q. Why should I care about the lifter diameter?
A. A flat tappet camshaft's design is based on lifter diameter. The larger the lifter diameter the faster the rate-of-lift that can be designed into the cam lobe.

Q. What does rate-of-lift mean?
A. The rate-of-lift is the amount of tappet (or valve) lift in relation to the amount of degrees of crankshaft rotation.

SUPER DEAL
HUG 5955 BILLET STAGE 3 THROTTLE BODY **\$469.00**

55MM THROTTLE PLATES; FLOWS 1050CFM @ 1.5" HG; SUPPORTS 650 HP +
 Designed to flow more air than is possible with the limits of the OEM units. Made from 6061 billets and CNC machined to exacting tolerances. Throttle bodies are a direct replacement* for the OEM units and will accept all factory hookups without modification. These units are the ultimate in 2bbl throttle body adaptability, appearance, performance and tune-ability.
 The throttle lever is designed for 1996 and later, stock cable hook-ups. Earlier trucks will require a cable change. Order part number 5960 for these applications. Jeeps require cable part number 5962 and slight modifications to the mounting bracket.
MODIFIED OEM THROTTLE BODY \$179.00
 Flows 15% More than Stock! Available for V6 and V8 engines.



HUG 2904B X-LARGE/BLACK HUGHES T-SHIRT **\$13.00**
 GILDAN 6.1OZ. 100% COTTON SHORT SLEEVE TAGLESS T-SHIRT
 An awesome big block Mopar engine is emblazoned across the back and our fiery Hughes Racing logo on the front. Adult medium-5XL. Children's by special order.



HUG BANNER08 HUGHES ENGINES RACING BANNER **\$39.95**
 Fly the Hughes Engines Racing banner in your own garage! Features our bright orange & black flamed logo on a brilliant white background and 4 steel grommets to hang it from. Measures 42" long by 20" high.



HUG DECALBIG 16X5 HUGHES VINYL RACING STICKER **\$4.95**
 Printed on heavy-duty, UV-resistant vinyl with adhesive backing.



HUG DECALSMALL 2 X 7 HUGHES RACING STICKER **50¢**
 Printed on heavy-duty paper with adhesive backing. (Indoor use.)



HUGHES ENGINES LOGO ENGRAVED VALVE COVERS
 MOST OF OUR ALUMINUM VALVE COVERS ARE AVAILABLE WITH OUR HUGHES RACING LOGO C.N.C ENGRAVED INTO THEM.

HUG 1850L SMALL BLOCK "LA" \$99.00
 Fits "LA" small blocks, Chryslers, CNC engraved Hughes logo.

HUG 1855L BIG BLOCK P/N \$129.00
 Fits all non-hemi big block engines.



HUG 6960 QUICK DISCONNECT DIPSTICK FITTING **\$6.00**
 Converts factory dipstick into a quickly removable piece.



SMALL BLOCK "LA"

HEADS YOU WIN!
We Port Iron and Aluminum Heads
▶▶▶ Ask about FAT FLOW ◀◀◀

HUG 360STROKERKIT LA
STROKER KITS
Turn your little small block into a ground-pounding monster!
Our kits all feature premium, quality parts and precision, internalrace balancing.

- 318 to 390 Kit **\$1,632.00**
- 340 to 416 Kit **\$1,552.00**
- 360 to 408 Kit **\$1,531.00**
- 360 to 426 Kit **\$2,575.00**



MELLING
HUG 6602
STANDARD OIL PUMP
Manufactured from high-quality steel. Used on all of our small blocks.

HUG 6605
HIGH VOLUME OIL PUMP
High-volume oil pumps give an additional 20-25% of oil volume. Built using a proprietary casting process for maximum performance and reliability.

HUG 6440
TIMING CHAIN SET
All timing adjustments are made on the cam sprocket. 3 Keyways: -2°, zero, +2°. Lightweight single unit construction cannot come apart. No bolts to come loose or off.

HUG 1824
TIMING COVER
318/360 UP TO 1990
This is a beautiful brand new piece, not a used cover.

HUG 11050
OIL FILTER
NO BYPASS HI-PERF SPIN ON OIL FILTER. 5.50" IN LENGTH. Hi-Flow filtration system - 100%. This is the only MOPAR filter available with no internal bypass valve!

HUG 7011
CAM BOLT & WASHER
WITH OR W/OUT FUEL PUMPECCENTRIC
Features a grade 8 bolt with a built-in flange. This bolt & washer kit works in "LA" and small block applications & all Big Blocks using a 1-bolt timing chain gear.

HUG 7013
CAM SNOOT EXTENSION
(MAGNUM) 87-02 V6 & V8 Extends Length Of Cam Snout For Fuel Pump Eccentric.



HUG AR208
COIL BRACKET
Single Billet Vertical Mount.

HUG AR211
BILLET ALUM. PULLEY
Denso 210-0106.

HUG AR180
SB MOTOR DOLLY KIT
With 5 inch casters.

FOG 903644180
HEAD GASKET

COPPER .040" X 4.180"
No add'l. prep before installation. Made w/Rubber Coated Copper, RCC, assemble directly from package, seal fluids & combustion better than any other copper gaskets, & remove effortlessly (messy clean up).

NGK
SPARK PLUGS
Available in your choice of heat ranges. Each **\$2.99**

HUG TTI TTI340A-C0
1 5/8" STEP 67-76 A-BODY UNPLATED BARE HEADERS
Header sets include (2) 1/16" thick header gaskets, (2) 1/16" reducer gaskets, (12) 5/16-18x1 header bolts, 1-set header reducers, all hardware & instructions needed for installation. Compatible w/TTI's 2.5" or 3" Exhaust Systems.
Starting at Only **\$605.00**

HUG 8506
BUILD BIG INCH MOPAR SMALL BLOCK
Get more hp, boring & stroking your Mopar small block to get up to 476 cubes! This is one of the easiest engines to increase displacement w/out extensive modifications or specialized machine work. Shows you how to get big cube power & optimize a small block's other systems (induction, heads, valvetrain, ignition, exhaust, and more) to make the most of the extra cubic inches.
\$24.95

HUG 4600
EDELBROCK RPM
Fully Assembled. **\$1,433.00**

HUG 4600-P
ALUMINUM SB EDELBROCK HEAD
Edelbrock RPM. Prepped & Assembled. **\$1,815.00**

HUG 4600-S3
ALUMINUM SB EDELBROCK HEAD
Edelbrock RPM. Fully C.N.C. Ported. **\$2,254.00**

WE ARE ALSO A FULL-LINE INDY DEALER!



Edelbrock INTAKES

HUG 5302
INTAKE MANIFOLD PERFORMER RPM
We also offer this intake with our deep port matching or our exclusive full port services. **\$224.95**

HUG 5303
INTAKE PERF RPM MANIFOLD AIRGAP
The first dual-plane manifold design for high-performance street with our proven, air-gap feature designed for 340-360 c.i.d. Chrysler V8s and 318 c.i.d. engines with 340-360 cylinder heads, the RPM Air-Gap incorporates the same technology that's been used on our Victor series competition intakes for years. **\$259.95**

HUG 5316
SUPER VICTOR INTAKE SMALL BLOCK
For use with conventional, rectangular port heads, this single-plane Air-Gap style manifold operates from 5000 to 8000 RPM. Peak torque occurs at 5500-6000 RPM and peak power at 7000 RPM. Runners insure enough metal thickness for gasket matching & porting. **\$329.95**

▶ Ask about PORTED INTAKES ◀

TECH TIPS

#1) When hand-priming your oil system, use the TDC mark on the damper as a reference point. The Big Block cylinder heads will receive oil when the timing mark corresponds to the 10 o'clock and 1 o'clock positions. The small block cylinder heads will receive oil at the 10 o'clock and 7 o'clock positions.

HUG 64194
HUG 64277
PRW BLACK NEUTRAL BALANCE DAMPER
Neutral Balance 7.25 SFI approved. **\$119.50**

HUG 1502S-16
HUG 1506S-16
ROCKER ARM
Designed exclusively for Hughes Engines and made in the USA. **\$440.00**
HUG 7440
ROCKER HOLD DOWN KIT **\$85.00**

HUG 1836
ALUMINUM WATER PUMP
A heavy-duty bearing system withstands higher torsion loads at high RPM & reduces horizontal movement to extend the pump life and minimize shaft vibration. Endurance tested for 4 hours before leaving the factory to ensure peak performance. **\$46.00**

HUG 6304C
NEUTRAL BALANCE FLEXPLATE
727 TRANS FLEXPLATE 11.100"/10.010" CAT BRAND, SFI CERTIFIED, NO COUNTER-WEIGHT, DUAL 6 BOLT PATTERN
Tested to 12,500 RPM, surface is yellow dichromate finished for rust-resistance & appearance. **\$24.95**

HUG 4670B
IRON RAM
Available with "LA" or Magnum intake bolt pattern. Fully Assembled. **STARTING AT ... \$699.99**

HUG HPHD-MAG1-S1
IRON RAM
Fully Ported. **STARTING AT ... \$1,899.00**

A pair of our famous Iron Ram cylinder heads with the Magnum intake bolt pattern. These are replacement heads for your stock Magnum truck heads and will accept all of the stock valvetrain and accessories. Our Iron Ram heads feature pressed-in hardened seats and modern port design to enhance airflow.

HUG 20301
RHS INDY "X" HEADS
• AVAILABLE AS STOCK REPLACEMENT
• SUPER PREPPED OR FULLY PORTED
Starting at Only ... **\$875.00**
Assembled

Uses the standard "LA" intake manifold & shaft style rocker system. Drilled for the proper valve cover & gasket & contains both Chrysler LA and Magnum accessory holes on both ends of the head. Designed for use with 8mm intake (1.92" diameter) and exhaust valves (1.625" diameter). These heads are an easy way to get 400 to 550 HP out of your Mopar-powered street machine. Features include 179cc intake and 67cc exhaust runners, a 62cc combustion chamber, hardened multi-angle intake and radiused exhaust valve seats, an improved valve guide design and a highly-efficient water jacket to prevent engine hot spots. Also come with an extra-thick deck surface to enable angle milling for compression.

MAIN STUD GIRDLER KIT
FITS ALL SMALL BLOCKS
Designed to work with the stock crank or a 4.00" stroke crank with no modifications and requires your block has been or will be line-honed with main studs. 7384K (318/340) and 7382K (360) **\$279.00**

BARRY GRANT CARBS
HUG 1282020 VE
750 SPEED DEMON
575CFM SPEED DEMON VAC SEC, ELECT CHOKE, VACUUM SECONDARIES, ELECTRIC CHOKE
Stock and mild performance 283-390 CID V8 engines

A wide range of sizes & VE-series or twin-squirter designs. Sizes 575 cfm to 850 cfm. Speed Demons deliver balanced, high-velocity airflow & exceptional fuel-metering capacity. Ideal for muscle cars, stock rebuilds, tow trucks, mild performance applications & crate motors. **\$459.99**

HUG 1802
VALVE COVERS
BLACK WRINKLE CAST ALUMINUM
Ribbed, cast design allows for better gasket sealing & durability. In polished aluminum black wrinkle painted, or "as-cast" finishes. **\$122.95**

HUG 1850
FAB ALUMINUM VALVE COVERS SB
FITS 'LA' SMALL BLOCKS CHRYSLERS **\$99.00**

HUG 4295
ELITE SERIES VALVE COVER SET SB
EDELBROCK ELITE SERIES. ALUMINUM 3-13/16" HEIGHT
Covers come with a handsome, polished finish for a custom look. Our tall profile valve covers will clear most roller rockers & valvetrain components and clear all air-conditioning, alternator brackets and aluminum rockers. **\$125.00**

HUG 1850P
POLISHED FAB ALUM VALVE COVERS SB
POLISHED FITS 'LA' SMALL BLOCKS CHRYSLERS **\$165.00**

HUG 4495
VALVE COVERS **\$39.95**
CHROME VALVE COVER SET SB
EDELBROCK SIGNATURE SERIES 3.20" OVERALL HEIGHT **BREATHERS & GROMMETS**

HUG 70138
PUSH-IN BREATHER CHROME SHIELD **\$14.00**
Chrome-plated steel top. High flow open element design with shield.

HUG 70135
BREATHER/FILLER CAP CHROME **\$5.95**
PUSH-IN TYPE FOR USE WITH A GROMMET
Chrome-plated steel. 1" O.D. Neck for valve covers w/1-1/4" holes.

HUG 70125
BREATHER GROMMET **\$2.50**
Pair of closed grommets, cut to open for push-in breather. 1-1/4" hole breather grommets (pair).

"GET REAL" CHRYSLER FLAT TAPPET CAMS

HYDRAULIC LIFTER CAMS



CAMSHAFT P/N	DURATION @.050" TAPPET LIFT INTAKE/EXHAUST	LIFT @1.5:1 INTAKE/EXHAUST	SB	BB	GENERAL CAM USAGE
HEH0515	205°/215°	.446" / .470"	IDLE to 3600	IDLE to 3600	Very stock engine, 2 bbl or small 4 bbl carb, single or dual exhaust.
HEH1019	210°/219°	.461"/.489"	IDLE to 4200	IDLE to 4200	Light to medium towing or RV, street 4x4, dual exhaust, 2 bbl or 4 bbl carb.
HEH1523	215°/223°	.470" / .506"	1200 to 4800	IDLE to 4800	Light car, mild street: Good idle, resto/cruiser. Hot daily driver.
HEH1928	219°/228°	.489" / .524"	1400 to 5200	IDLE to 5200	Mild street performance, hot resto, Some idle. Hotter daily driver.
HEH2328	223°/228°	.506" / .524"	1600 to 5700	1600 to 5500	Street performance and strip: Idles so you know it's in there. Very hot daily driver.
HEH2832	228°/232°	.524" / .540"	2000 to 5900	2000 to 5800	Serious street and strip: oval track, mud racers. Noticeable idle.
HEH3237	232°/237°	.540" / .548"	2200 to 6000	2100 to 6000	Some street, serious strip. Noticeable idle. Lot of torque in a stroker.
HEH3742	237°/242°	.548" / .555"	2400 to 6400	2400 to 6200	Drag strip where rules demand a hydraulic camshaft. Noticeable idle.
HEH4246	242°/246°	.555" / .569"	3300 to 6600	2600 to 6500	Drag strip or Hot street in a stroker. Noticeable idle.
HEH4650	246°/250°	.569" / .576"	3000 to 6600	2600 to 6500	Drag strip. 3400rpm+ stall. 4.10:1 gear. Single plane or 2x4 intake. Headers req. Ported heads. Hot street for stroker engines.
HEH5055	250°/255°	.576" / .593"	3200 to 6800	2800 to 6600	Use where rules demand a hydraulic camshaft. 3800rpm+ stall. 4.56:1 gear, large single plane or 2x4 intake.
HEH5561	255°/261°	.593" / .606"	3400 to 7000	3000 to 7000	Use where rules demand a hydraulic camshaft. 4000 rpm+ stall 4.56:1 gear, large single plane or 2x4 intake. Great in 500+ c.i. Stokers.

NOTE: With any hydraulic camshaft larger than our 1523AL grind, we strongly encourage using adjustable rocker arms. The stock stamped rockers do not have a true 1.5:1 ratio. They will check somewhere between 1.38:1 and 1.45:1 ratio. This will yield a loss of lift (up to .045"), 2°/3° duration loss and also slow the rate-of-lift resulting in a possible 25HP loss. Any camshaft using double valve springs must use adjustable rocker arms to prevent damage when the stock rocker arms break.

POWER RANGES: These are the "sweet spot" in the power range. Generally we suggest shifting at 300-500 RPM above the "sweet spot" for the best ET's.

SPRING WARNING: Our camshafts are not comparable to other manufacturers and require special valve spring pressures to operate and live satisfactorily. ONLY USE springs meeting the specifications listed here or on the provided cam cards. Valve spring pressures and installed heights are supplied with each camshaft.

CUSTOM CAMSHAFTS: We can supply custom cam grinds for many special applications. The various lobes listed in this catalog can be mixed and matched and the lobe separation angles changed. New lobes can also be developed if the customer chooses. Engines possibly requiring a custom cam are nitrous oxide, turbo charged, supercharged, limited or restricted oval track. All of our lobes are Real Chrysler lobes designed for .904" diameter lifters. Call for information and recommendations.

SOLID LIFTER CAMS

HTL3742	237°/242°	.534" / .543"	1800 to 5600	1600 to 5600	Street performance.
HTL4248	242°/248°	.543"/.563"	2000 to 6000	2000 to 5800	Street/Strip.
HTL4852	248°/252°	.563" / .572"	2100 to 6100	2100 to 5900	Street/Strip.
HTL5256	252°/256°	.572" / .579"	2400 to 6200	2200 to 6200	Hot Street/Bracket Racing.
HTL5660	256°/260°	.579" / .587"	2600 to 6400	2400 to 6300	Hot Street/Bracket Racing.
HTL6064	260°/264°	.587" / .594"	2900 to 6700	2700 to 6600	Drag Strip. Vehicles up to 3400lbs.
HTL6468	264°/268°	.594" / .611"	3000 to 6800	2800 to 6600	Drag Strip Max weight of 3100lbs. 4400rpm stall & 4.10 minimum gear.
HTL6872	268°/272°	.611" / .620"	3200 to 7000	3000 to 6800	Drag Strip Max weight of 2900lbs. 5,000+ rpm stall.
HTL7276	272°/276°	.620" / .629"	3400 to 7200	3200 to 7200	Drag strip. Very light cars or dragsters. 5,000rpm minimum stall.
HTL7680	276°/280°	.629" / .633"	3600 to 7400	3300 to 7300	Drag strip. Very light dragsters or big displacement stroke.
HTL8087	280°/287°	.633" / .644"	3700 to 7500	3400 to 7400	Drag Strip. Very light dragsters with big displacement strokers and fully ported heads.
HTL8287	282°/287°	.638" / .644"	3800 to 7500	3600 to 7400	Drag Strip. Very light dragsters, very high stall, very low gears, very wide tires! HOLD ON!!!



HUG 3690
EXTREME PRESSURE OIL ADDITIVE
 1 PINT TREATS UP TO 5 QTS. OF OIL
SAVE THOSE FLAT TAPPET CAM LOBES!

Hughes Engines extreme pressure lubricant is a state-of-the-art additive package compatible w/standard (mineral-based) oils or synthetics. Micron Moly® is further blended into the oil treatment, eliminating frictional wear leading to less downtime and longer engine life.

\$6.99



Hy-LIFT HUG 5001 STANDARD HYDRAULIC LIFTER

An oil metering type, this lifter is used in engines that oil through the pushrods. Tappets adjusted to .000" preload will operate as an "anti-pump up" lifter. However, when using a lifter with a small wire retaining ring such as OEM lifter, there is a higher probability of the retainer ring failing w/this amount of pre-load. When max. RPM is needed & a minimum tappet preload or lash is used, racing lifters are suggested..

\$5.50

HUG 5003 RACING LIFTER ASSEMBLED W/ HEAVY DUTY RETAINER



Racing hydraulic lifters for use w/an adjustable valve train utilize heavy duty pressed-in retainer in place of wire clip. This oil metering type lifter can be used in engines that oil through the pushrods. Any tappet adjusted to .000" preload will operate as an "anti-pump up" lifter. However, when using a lifter with a small wire retaining ring, a higher probability of the retainer ring failing exists w/this amount of pre-load. Anytime maximum RPM is necessary and a minimum tappet preload or lash is used, racing lifters with heavy duty retaining rings (#5003) are strongly suggested.

\$7.25



HUG 5016X RHOADS VMAX RACE LIFTERS

Deliver max revs for engines running over 6,000 rpm, max low & mid-range torque, provide max top end hp & give max flexibility and a revolutionary "lope" adjustment for the hotrod sound with no power loss.

\$159.00

REAL CHRYSLER WHIPLASH & ROLLER CAMSHAFTS

Real Chrysler "Whiplash" Camshafts (True Muscle Car Sound)

ENGINE	CAM P/N	DURATION @ .050"	LIFT W/1.5 RATIO	SWEET SPOT
318	HMC1326AL	213°/226°	.485" / .518"	IDLE - 5300
340/360	HMC2336AL	223°/236°	.512" / .518"	IDLE - 5300
383/400	HMC2942BL	229°/242°	.518" / .518"	IDLE - 5200
440	HMC3245BL	232°/245°	.518" / .518"	IDLE - 5200

A cam designed for each specific engine. No machine work, leave the heads on, raises cylinder pressure. Ground on true .904" cam lobes. Gives max area under the curve. Has low lift to clear guides. These cams are designed to drive better than the sound would imply. Awesome lumpy idle with tons of low-end torque.

WHIPLASH CAMS ONLY \$160.00

(Use Lifters P/N 5001 or 5003)

Real Chrysler Hydraulic Roller Camshafts

(Available for LA and Magnum Small Blocks as well as Custom Big Block Applications)

CAM P/N	DURATION @ .050"	LIFT W/1.6 RATIO	SWEET SPOT
HER9204	192°/204°	.490" / .502"	IDLE - 4600
HER0814	208°/214°	.512" / .520"	IDLE - 5500
HER1418	214°/218°	.520" / .544"	1400 - 5800
HER1828	218°/228°	.544" / .544"	1800 - 6100
HER2228	222°/228°	.520" / .544"	2000 - 6300
HER2836	228°/236°	.544" / .568"	2300 - 6300
HER3642	236°/242°	.568" / .560"	2600 - 6800

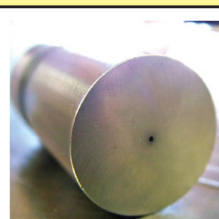
Hughes Engines hydraulic roller cams are available as shelf grinds for fuel-injected small blocks. We can quickly design a custom roller for your carbureted small block or big block. *Call today for details and pricing!*

STARTING AT \$199.00 FOR REGRINDS

WE DESIGN CUSTOM SOLID ROLLER CAMS. CALL TODAY FOR DETAILS!

TECH TIP

Maximum piston-to-valve clearance is .060" intake and .100" exhaust. If your clearance is not adequate, we have a tool rental to cut deeper valve reliefs.



HY-LIFT JOHNSON
A Division of Topline Automotive
Magnum, USA

**HUG 5012EDM
COOLFACE
SOLID OIL
THRU LIFTER**

- Solid Lifter
- Can be used as Oil-Thru or Non Oil-Thru Has a .012" EDM Hole in the Bottom

These special mechanical, flat-tappet lifters have an oil hole in the bottom of the lifter for a constant flow of cool, pressurized oil to the cam and lifter contact point. The positive supply of pressurized oil to the most highly-stressed area of the engine further insures longer cam/lifter life, even with higher valve spring pressures.



\$10.00



HY-LIFT JOHNSON
A Division of Topline Automotive
Magnum, USA

**HUG 5006
HYD
ROLLER
LIFTER**

SB MOPAR SOLID OIL

Magnum stock replacement. Oil metering design. For use in Magnum blocks only. These work in V8 & V6 Magnum engines. V8s will require that you purchase a quantity of 16, and V6's will require that you purchase 12. These lifters are installed with the oil hole facing up.



\$9.50

Rhoads Lifters



**HUG 5018X
HYD
ROLLER
RHOADS
LIFTER**

Increases Vacuum and Torque!

For all 1992-2003 magnum 3.9, 5.2 and 5.9 engines. Great when using a larger cam but still need to make

good vacuum. Sold in sets of 16 only. For maximum increases in low-end torque, engine vacuum and improved idle quality, our newly-developed & newly-patented Rhoads V-Max Variable Duration Lifters are the answer. They increase low-end torque and engine vacuum up to 50% more than original Rhoads lifters & rev higher, too, making them the best choice for hot street, performance, marine and all racing applications.

\$299.00



**HUG 6442
TIMING CHAIN
SET 7 KEYWAY
(CAM)**

KEYWAYS ARE IN THE CAM GEAR. UNIQUE & EASY TO USE!

Keyways Are In The Cam Gear. Unique & Easy To Use! All timing adjustments are made on the cam sprocket. 7 keyways: -1°, -2°, -3°, Zero, +1°, +2°, +3°. Lightweight single unit construction which cannot come apart. No bolts to come loose (or come OFF). Allows you to make crucial timing adjustments quickly and easily.

\$112.50



**HUG 6430
TIMING CHAIN
SET 3-BOLT
CAM 9-KEY**

PROGEAR BRAND TRUE DOUBLE ROLLER W/ HARDENED GEARS. 2° INCREMENTS

Progear brand true double roller with hardened gears. 2° increments. We are surprised at how many brands are out there selling so called "high performance timing sets" with crankshaft sprockets that are not even hardened. Some are just virgin steel and some have the appearance of being heat treated, but are not actually hardened. Some are powdered metal.

\$118.00



**HUG 6460
ADJ. BILLET
TIMING
POINTER BB**

LOOKS GREAT, WORKS GREAT!

Billet aluminum, adjustable, top dead center indicator for Big Block engines. These beautiful T.D.C. indicators are fully-machined & can be adjusted a total of 20° (10° each way from center position). These new indicators will forever end the problem of trying to "adjust" the timing tab, on the cover, to match the damper at top dead center. This fits all Big Blocks with 7" or 7.25" (stock) diameter dampers.

\$68.00



MAGNUM 3.9/5.2 & 5.9



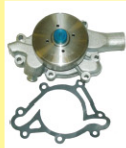
**HUG SCT TUNER
SCT TUNER
and FIRST 3
PROGRAMS**

- Plugs into your OBD2 Port.
- Stores Original Plus Up To 3 New Tunes!
- Available for most OBDII equipped Dodge vehicles
- Works with 3.9, 4.7, 5.2 & 5.9 Magnum truck engines as well as the modern Hemis

Hughes Engines & SCT offer you the most advanced and affordable reprogrammers on the market for your Chrysler product. Includes hand-held tuner & up to 3 new custom programs. Most naturally-aspirated engines get a street/daily driver tune & a race-only tune. Others opt for a towing tune & another to complement it. For those of you running Nitrous we can add a third nitrous tune. Since these are custom-tuned and we already have hundreds of programs, chances are we can set you up with a good tune right out of the box.

ON SALE FOR A LIMITED TIME ONLY!

SAVE \$100!
Regularly \$599.00 **\$499.00**



**HUG 1836L
WATER PUMP
MAGNUM ENGINES**

3.9/5.2/5.9
6-vane high-performance aluminum pump.

\$89.00



**HUG 4670B
MAGNUM IRON RAMS
STOCK REPLACEMENTS**

Magnum-style Intake Pattern w/1.92" Int. 1.620" Exh & 1110 Spring

Available with "LA" or Magnum Intake bolt pattern

A pair of our famous Iron Ram cylinder heads with the Magnum intake bolt pattern. These heads are brand new castings, cleaned and assembled with new valves (1.920" stock style alloy steel intakes & 1.620" 1-piece, non-polished exhaust). Heads come complete with Viton valve stem seals and our 1110 spring kit.

Retail value nearly \$1000.00!!! **\$699.99**



**HUG 4610
Edelbrock
MAGNUM
CYLINDER
HEADS**

58CC, INCLUDES GUIDEPLATES & ROCKER STUDS, ASSEMBLED
This stock out of the box head can support up to 480HP with a good engine combination.

\$1,513.00

HUG 4610-S3

**Edelbrock
CNC PORTED ED
MAGNUM HEADS**

INCL. HEADS W/ 2.08" VALVES AND FAT FLOW CNC PORTING
58 CC includes stage 3 CNC porting, guideplates & rocker studs.

\$2,695.00



**HUG 7181M
MAGNUM
HEAD BOLTS** **\$76.00**

170,000 PSI TENSILE STRENGTH

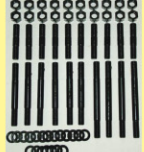
These ARP high-performance series head bolt kits are tough! 15% stronger than grade 8 fasteners and are available w/hex heads or reduced wrenching 12-point heads eliminating the need for valvetrain removal when re-torquing cylinder heads.



**HUG 7183
HEAD BOLT SET**

IRON MAGNUM, ARP BRAND
HEX HEAD, MAGNUM 318 & 360 ENGINES
170,000 PSI TENSILE STRENGTH

\$65.95



**HUG 7322
HEAD STUD KIT**

12 PT ED & IRON MAG FOR ALUMINUM & IRON MAGNUM HEADS
Fits all Magnum small blocks with aluminum heads. Includes washers, hex head, Dodge/Jeep, and 5.2/5.9L cylinder head studs kit.

190,000 PSI TENSILE STRENGTH **\$165.95**



**HUG 1880
GAT
UNDERDRIVE
PULLEY SET**

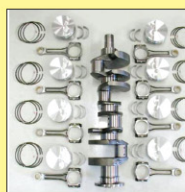
3.9/5.2/5.9-7 RIBS, 25% CRANK/25% ALT, 2PCS, '91-01
Manufactured from 1035 nonresulfurized carbon billet steel. 25% under drive ratio allows extra engine horsepower. Epoxy coating for the best rust prevention. **\$46.95**



The World Series of Off-Road Racing Superstar ... **Don Demeny**



**HUG 1555
NEW! SHAFT-MOUNTED
ROCKER ARM
KIT** **\$475.00**



**360STROKERKIT MAG
360 TO 408 RACE-BALANCED
MAG STYLE
STROKER KIT**

OUR BASIC 4.00" STROKER KIT W/ DISH PISTONS FOR CLOSED CHAMBER HEADS

Convert your little 360 into a 408 cubic-inch monster. Approximately 10:1 w/64cc heads or 10:6 w/58cc heads. Pistons are based on a +.030" bore size 360. (4.030")

This kit includes the following components:

- Crankshaft: SCAT 4.00" Stroke Cast #SCT 9-360-4000-6123-2125
- Pistons: Keith Black Forged (Approx 10:1 w/ 64cc #2308+030)
- Connecting Rods: SCAT "I" Beam #SCT 2-ICR6123-2124-7/16
- Piston Rings: Total Seal Brand #09024030NF
- Main Bearing Set: 1/2 groove F/M4948MA
- Rod Bearing Set: Narrowed Clevis tri-metal alloy CB-481HN-8
- Crank Key: #7540
- Precision Race Balancing by Hughes Engines, Inc.

ATTENTION! TOW VEHICLES AND SUPER-CHARGED APPLICATIONS:
NEW LOW-COMPRESSION PISTONS NOW AVAILABLE!

\$1,723.00



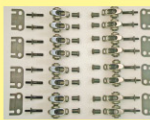
**HUG 20300A
MAGNUM**

RHS 'X' HEADS

w/1.92" ALLOY MAGNUM STYLE INTAKE PATTERN W/1.92" INT, 1.620" EXH and 1110 SPRING

Available as stock replacement, super prepped or fully ported.

Fully Assembled **\$875.00 /Pair**



**HUG 1550
ROCKER ARM KIT**

1.6:1 (IRON HEADS) STAINLESS STEEL KIT W/STUDS & GUIDEPLATES FOR MAGNUM ENGINES

Includes poly-locks, guideplates and studs. For use with our Iron Ram heads, stock iron heads or iron R/T heads. The most accurate 1.6 ratio rockers available for Magnum engines. **\$245.00**

Also available for Edelbrock Heads #1560 - \$225.00



**HUG 1805
MAGNUM
VALVE COVER
BLK WRNKL ALUM** **\$195.00**



**MSD 32189
PLUG WIRE SET**

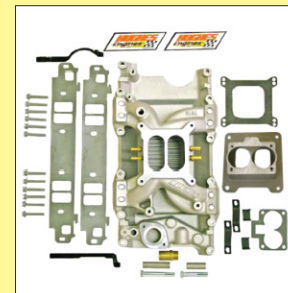
94-00 RAM: 5.2/5.9 ENGINES
8.5mm SUPER CONDUCTOR

The MSD 8.5mm Super Conductor Wire is "the" performance wire. Engineered from the inside out, the 8.5 offers everything you ever wanted in a wire; incredibly low resistance without electronic interference! **\$75.95**



**HUG 6450
CHAIN TENSIONER SB MOPAR
REDUCES CHAIN WHIP, ESPECIALLY IN OVAL TRACK AND ROAD APPLICATIONS**

A must-have for all race applications and a great addition for your street car. **\$43.00**



**HUG 5409
HUGHES
Edelbrock
FI AirGap
KIT**

The Best Magnum Intake Available!

This intake is the best for your Dodge Magnum engine. Not only will it increase horsepower, it will improve mileage. Now you can maintain all of the low-end torque of the stock factory barrel-style intake yet get the increased higher horsepower you've been missing. **\$599.99**



**HUG 1540
PRO-MODEL 3/8"
MAG STUD GIRDLES** **\$212.00**

Jomar rocker arm stud girdle kit w/polylocks.



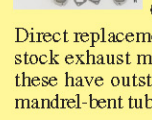
**HUG 7714
V8 PLENUM
REINFORCEMENT KIT**

Tired of the gasket blowing out on your plenum cover? Don't want to weld the cover to the intake? Worried about turning up the boost on your supercharger? Here's the answer! This kit will replace the plenum plate with a 1-piece, high-strength 1/4" thick aluminum plate. **\$86.00**



**HUG 7712
V6 PLENUM
REINFORCEMENT KIT** **\$82.00**

Full Line of Magnum Gaskets Available
Sealed power gasket sets are perfect for a high-performance or stock rebuild. Includes non-stick head gaskets, intake-manifold gaskets w/ exhaust crossover provisions, steel-core header gaskets, & all gaskets to complete your rebuild. **\$144.95**



**EDL 65643
SHORTY HEADER EXHAUST**

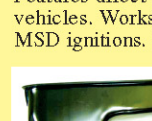
95-03 DAK/DUR & R/T & RAM 5.2/5.9 (NON EGR) 2 & 4WD TI-TECH HEADERS

Direct replacements that deliver seat-of-the-pants performance over stock exhaust manifolds. For truck and sport utility applications, these have outstanding performance features i.e. mandrel-bent tubes & laser-cut or stamped flanges. **\$334.00**



**HUG 22048
V8 MAG 1999-02
SUPER TUNE-UP KIT**

V8 Magnum Accel Spark Plugs, 8mm Spark Plug Wires, Cap & Rotor. **\$99.95**



**MSD 8228
3.9/5.2/5.9 COIL**

**DODGE TRUCKS
FITS 97 & OLDER-
NEED ACCELL HARNESS 140021AH
FOR 98 & NEWER** **\$44.95**



**HUG 6101
REAR SUMP
OIL PAN**

360 MAGNUM
Use w/pick up tube 6908 2WD magnum-style trucks. **\$99.95**



**HUG 6303
10.010' FLEXPLATE
6 BOLT
INTERNAL BALANCE** **\$45.00**



FULL LINE OF BEEHIVE SPRINGS, LOCKS RETAINERS & SEALS!

5.7/6.1 MODERN HEMI



HUGHES Engines
Dodge Performance
EXCLUSIVE

HYD ROLLER CAMSHAFT SB HEMI (REGRIND)

CAM P/N	DURATION @ .050"	LIFT W/ 1.65 RATIO
HER0913MHL	209°/213°	.536"/.545"
HER1318MHL	213°/218°	.545"/.545"
HER1823MHL	218°/223°	.545"/.554"
HER2327MHL	223°/227°	.554"/.558"
HER2731MHL	227°/231°	.558"/.564"
HER3136MHL	231°/236°	.564"/.571"
HER3641MHL	236°/241°	.571"/.581"
HER4146MHL	241°/246°	.581"/.591"

Hughes legendary camshafts ground specifically to enhance the performance of your new 5.7 or 6.1 Hemi. These cams are designed in house and then precision ground to ensure quality and performance. This cam is reground from a factory original camshaft. Be sure to get the matching springs, locks and retainers.

This price is based on you supplying a regrindable core. The core price is refundable when you return your usable core to us.



\$199.00

JET 10183
180°
JET PERFORMANCE
THERMOSTAT
\$33.95

HUG 1811
CHROME HEMI VALVE COVER SET
Mopar performance cast aluminum w/gaskets & spark plug seals.
\$428.00

HUG 3004
5.7 TIMING COVER GASKET KIT
\$49.95

HUG 4605
CNC PORTED HEADS
Starting at ... **\$999.50**
HUG 4607
CNC PORT 5.7/6.1 HEMI w/New Parts **\$1,475.50**

HUG 7311
HEAD STUDS 12 PT NUT
5.7/6.1HEMI **\$325.00**

HUG 7412
12 PT. MAIN STUD KIT 5.7/6.1 HEMI
\$151.00

HUG 6130
5.7/6.1 HEMI 6 QT. MILODON OIL PAN
A/B/C/E-Body, Steel - Gold iridited.
\$209.95

M/P P5153643
7 QT. CENTER SUMP OIL PAN **\$500.00**

IND 5.7-R6-392 / IND 6.1-R6-426
5.7 HEMI 392
6.1 HEMI 426
STROKER KITS
Unbalanced crank, rods, pistons, rings & bearings.
\$2,692.00

Make your 6.1 Modern Hemi and 426 cubic inch monster! Kit includes Compstar Crank (4.050" X 2.100"), Compstar "H" Beam Rods (6.125" X .927"), Mahle coated pistons (10.3:1); Rings, Rod bearings and Main bearings.

MEL 10342
OIL PUMP
5.7 / 6.1 HEMI (HI-PERF) PERFORMANCE OIL PUMP ADJUSTABLE
Standard volume performance upgrade. The 10342 features a hardcoat anodized body with a cast iron phosphate coated cover for improved pump performance and durability. Adjustable bypass pressure using optional springs. The cup plugs have been replaced with threaded fittings. Uses 1-1/8" bolt on screen.
\$152.00

MRG 7594
5.7 HEMI EXHAUST MANIFOLD GASKETS
\$18.00

MSD 32033
8.5MM SUPER COND PLUG WIRE SET
5.7 hemi super conductor, spiral core, 8.5mm, black, stock boots
\$89.95

The MSD 8.5mm Super Conductor Wire is "the" performance wire. Engineered from the inside-out, the 8.5 offers everything you have ever wanted in a wire- incredibly low resistance without electronic interference! In a single 12-inch length of super-conductor wire, there is only 40-50 ohms of resistance! That is the lowest resistance of any helically-wound wire. The MSD 8.5mm Super Conductor Plug Wire is available in Universal Kits & Bulk Lengths.

FOG 7137C
6.1 HEMI COPPER HEAD GASKET SET **\$49.95**

HUG 5434
DUAL QUAD INTAKE 5.7 HEMI
Edelbrock's Performer RPM Air-Gap intake manifolds incorporate race-winning technology that's been used on Victor series competition intakes for years. The open-air space from the Air-Gap design separates the runners from the heat of the lifter-valley cover. So, the air/fuel mixture stays cooler all the way to the heads, which produces a denser charge for more power. Runners are tuned to move the power band 1,000 rpm higher than performer air gap manifolds, from idle-5,500 rpm up to 1,500-6,500 rpm.
\$399.95

AER 14146
HEMI FUEL RAILS
(AEROMOTIVE) **\$219.95**

LOK 1220147
ANCHOR-TIGHT LOCKING FLEXIBLE DIPSTICK **\$79.95**

LOK ED-5015
5.7 HEMI FLEXIBLE DIPSTICK **\$51.95**

M/P P5249822
LONG CRANK KEYS (Sold as pair) **\$4.95**

NGK 2313
5.7 HEMI NGK IRIIDIUM IX SPARK PLUG **\$7.99**

NGK 2314
6.1 HEMI NGK IRIIDIUM IX SPARK PLUG ... **\$7.99**

NGK 4306
6.1 HEMI NGK V-POWER SPARK PLUG **\$3.39**

NGK 4998
NGK LASER PLATINUM SPARK PLUG **\$12.39**

NGK 5017
5.7 HEMI G-POWER PLATINUM SPARK PLUG **\$3.39**

NGK 5306
5.7 HEMI NGK V-POWER SPARK PLUG **\$3.39**

DIABLOSPORT CUSTOM PROGRAMMED
DIABLO TUNERS

TTI HEADERS
Starting at ... **\$718.00**
TTI's 6.1L Hemi Crate Headers are constructed of 16 gauge mild steel tubing, mandrel bent on sophisticated computer controlled bending machines for precise fit and uninterrupted exhaust flow. The mandrel bending process maintains a constant inside diameter of the tube for a smoother finish with no restriction of flow and no crimping of the tubes.

- 1-3/4" O.D. tubes / merged into 3" collectors
- 3/8" thick laser-cut header and collector flanges, contoured for a leak free fit
- Above the steering center link design (under chassis) offers maximum header to ground clearance
- Full length header design for proven power gains
- One piece header tubes / No slip tubes
- Header Sets Include: 1/16" Header & Collector Gaskets, Header Bolts (16pcs) & Reducers/Adapters for hook-up to your Exhaust System

XVM 11-2101
5.7 HEMI SINGLE PLANE INTAKE (EFI) **\$599.00**
XV Motorsports has developed single plane intake manifolds to create serious horsepower with the 5.7 and 6.1 HEMI. Our manifolds were CAD designed, rapid proto-type tested and built to deliver maximum performance. The manifolds feature a Holley 4150 mounting pattern, to allow you to run a 4-BBL throttle body or carburetor. Manifolds are being offered in a carbureted or EFI version, with the EFI version machined to accept fuel injectors. Factory manifolds were optimized to make power at factory levels. If you're running a bigger cam, worked heads or have a stroker, you've only been seeing part of the power you could be making. Our manifolds are designed to flow much more airflow - the missing link to making big HP with the new HEMI engines! Don't want a cone filter under the hood? If you're putting a new HEMI into an older vehicle or hot rod, this manifold will allow you to run carb style air cleaners, factory air cleaners, functional shaker hoods, etc. We also offer fuel rails to work with this manifold, 4-BBL EFI throttle bodies, and complete engine management systems. This manifold is not suitable for use on pollution controlled motor vehicles and is intended only for racing and off-road applications.

WE OFFER MODERN HEMI PISTONS FROM



BIG BLOCK B/RB

CAT HUG 10056 CON ROD SET
1.094" pin x 6.760" CAT 2.500" journal forged T beam connecting rods. (Bushed small end.)
Set of 8. **\$199.00**

PEP HUG 10101 CONN RODS
Manufactured from 4340 steel, rods are light but don't sacrifice strength. Rod bodies & caps are forged in separate processes for optimum int. grain flow & structural integrity.
\$369.00

CAT HUG 1830 ALUM WATER AND HOUSING KIT BB
INCLUDES 6 VANE PUMP, HOUSING, WATER NECK, BOLTS and GASKETS
Cast aluminum housing will cut up to 10 lbs. from your engine. Easy-to-install direct replacement for the stock unit.
\$99.00

HUG 9116B BILLET ADJ. THERM HOUSING
BLUE, SWIVEL NECK CNC-MACHINED BILLET 6061-T6 ALUMINUM. O-RING TYPE SEAL CSR swivel thermostat housings are CNC-machined of 6061-T6 Billet Aluminum. Swivels a full 360° for easy connection in any position. Flange sealed at the manifold w/an O-ring, eliminating the gasket.
\$99.99

HUG 7380K MAIN STUD GIRDLE KIT BIG BLOCK
Also available for Small Blocks
\$299.00

HOL 12-440-11 110 GPH MECH FUEL PUMP
FOR CARBED BB/BIG BLOCK CHRYSLER V8 ENGINES
Features high output fuel flow; 110 GPH 8 PSI; free flow; shutoff pressure pre-set from 6.5 to fuel pressure regulator not required; heavy-duty construction for continuous high RPM operation; fuel body casting rotates to accommodate various plumbing situations; and inlet & outlet tapped for 1/4" NPT.
\$114.95

ROCKER ARM KITS FOR STANDARD OFFSET & VICTOR STYLE

HUG 1510S-16 BB 1.5 ROCKER ARM KIT WITH SHAFTS
CNC'd aluminum rockers include spacers, shims and grooved shafts.
\$460.00

HUG 1525S-16 1.6 RATIO/VICTOR HEADS ROCKER KIT
Includes rocker arms, spacers & banana-grooved shafts. Designed exclusively to give correct geometry w/the Edelbrock BB Victor cylinder heads. The exhaust are standard offset & the intakes have a .600" offset. Available w/cryogenic treatment.
\$595.00

HUG 1710 ROCKER SHAFT SHIMS
(10) OF THE .020" 1708 & (10) OF THE .040" 1709 SHIMS
Adjust rocker shaft height to achieve proper valve train geometry and pushrod length.
\$30.00

Mopar HUG 1804 M/P VALVE COVER BLK WRINKLE CAST ALUMINUM
\$125.00

HUG 1855 FAB ALUM VALVE COVERS BB
Fits all non-hemi Big Block engines. Now available with Hughes Racing Logo C.N.C. engraved.
\$99.00

HUG BBPROPOCKETOPEN BB PORTED HEAD
2.14" X 1.81" PRO-POCKET PORTED, ASSEMBLED OPEN CHAMBER HEAD
No cores required. Selected O.E.M. cast iron, open chamber heads have bronze guides, 2.14" intake valves, 1.81" exhaust valves & chrome stem, swirl polished, single-groove stainless steel racing valves.
\$799.00

WE CARRY A FULL LINE OF AR ENGINEERING PARTS!

ARE AR002 THROTTLE BRACKET KIT 440
Adjust to different carburetor spacer height and flexible enough to work with Holley or Edelbrock carburetors.
\$55.00

ARE AR008 BB THROTTLE RETURN BRKT DUAL SPRINGS
Big block throttle return spring & bracket works with the tall AR throttle bracket kit to give an OEM look. Includes 2 return springs.
\$25.00

ARE AR208 COIL BRKT SINGLE BELT VERTICAL MOUNT
\$15.00



WINNER OF MULTIPLE NATIONAL EVENTS... Jay Bunce
Uses Hughes Engines CNC Ported Victor Heads & Intake

Edelbrock HUG 4650 CYLINDER RPM HEADS
84cc CLOSED CHAMBER ASSEMBLED PAIR
• Phosphor-bronze valve guides
• Interlocking, ductile iron valve seats
• 1-pc. stainless steel 2.19" intake valves, 11/32" stem
• 1-pc. stainless steel 1.81" exhaust valves, 11/32" stem
• Heat treated, machined steel retainers
\$1,479.00

Edelbrock HUG 4656 VICTOR HEADS BB WITH VALVES 440 PORT SIZE HEADS W/ VALVES
Finished heads w/valves fitted to the guides, a valve job and seat work, but no porting work. The heads comes w/2.20" intake valves and 1.81" exhaust valves.
\$1,479.00

HUG 4950 INDY 440 EZ HEADS
Designed for A body cars, the Indy 440 EZ head is an aluminum high performance/racing cylinder head and is a direct replacement for OEM cast iron heads and all the latest port design technology. Exceeds the performance of any presently-existing cylinder head that meets stock head replacement criteria.
\$1,750.00

Milodon HUG 21550 OIL PSI REGULATOR
Works Great for Setting Big Block Oil Pressure!
Stainless steel, adjustable, spring-activated regulator allows you to adjust oil pump pressure without removing oil pan or oiling system.
\$46.00

PRO STREET HUG 24279 INTERNAL BALANCE DAMPER
Stock Type Cyc Systems ProRace 8.00 Lbs.
To be used on internally balanced Big Block engines, this is Cyc System's Pro/Street® Performance products, bonded OE-Style crankshaft damper for street performance. The high-strength bonded nodular iron crankshaft damper is designed to be a bolt on replacement for the original stock damper and is 30% stronger than ordinary gray iron.
\$129.00

PRW HUG 21550 BLK INTERNAL BALANCE DAMPER
PRW Platinum Series SFI Certified Steel Dampers
PRW continues the evolutionary process on our existing line of SFI certified steel vibration dampers with the introduction of our new series of high quality products. Available in polished steel in either black or a clear coat automotive finish with laser-etched numerals that are easy to read.
\$119.95

FELPRO HUG 3014 FULL GASKET SET
3108 head gaskets, 3418 oil pan gaskets, 3312 exhaust gaskets, and 3524 valve cover gaskets.
\$55.95

HUG 3271MA 2-PIECE VALLEY COVER
Made of powder-coated 19-gauge steel. Features extra ribbing across the span of the plate to prevent flexing. Designed to work with stock iron or Edelbrock RPM and low or raised deck engines.
\$65.00

HUG 3272 440 DUAL PLANE VALLEY COVER
RB Only
\$54.95

HUG 3273 1-PC. VALLEY COVER BB SNGL PLANE
RB Only
\$49.95

HUG 3424 BB OIL PUMP GASKET
\$1.95

MSD HUG 440500-1 500 STROKER W/ STREET BALANCE CRANK, RODS, PISTONS, RINGS, ROD and MAIN BEARINGS w/STREET BALANCE
Build your 440 into a 493 cubic inch pavement pounder with this Hughes Engines Street balanced stroker kit.
\$1,896.00

HUG 440500-2 500 STROKER WITH RACE BALANCE CRANK, RODS, PISTONS, RINGS, ROD & MAIN BEARINGS WITH RACE BALANCE
\$2,064.00

Edelbrock HUG 5400 PERFORMER RPM 440 HIGH RISE DUAL PLANE #7193 FOR 440RB
For 413-426-440 c.i.d. Chrysler V8s. Dual-plane design results in excellent low-rpm torque & high-rpm hp. For high-performance street/strip applications.
\$214.00

Edelbrock HUG 5415 VICTOR 440 440 INTAKE MANIFOLD HIGH RISE SINGLE PLANE #2954 RB ENGINE
For competition & high-rpm 413-426-440 c.i.d. Chrysler V8s, the Victor 440 has an all-new runner design that delivers maximum power from 3500 to 7500 rpm.
\$252.00

HUG 6110 Mopar CENTER SUMP OIL PAN
6 qt 5.5" depth, slosh baffles, uses screen #6912 Perf P50007807AB.
\$159.00

HUG 6127 BB 6-QT. REAR SUMP OIL PAN
Mopar Performance oil pan pkgs. include everything you need to restore the bottom end of your engine and improve oil system performance.
\$105.00

HUG RPC R7117P OIL PAN, BLACK 7 QT. CENTER SUMP
7" deep, for all Big Blocks. Black 1966-up Chrysler BB 361-440 and Hemi 426 deep sump oil pan (7 qts).
\$102.05

TTI HEADERS
Starting at ... **\$691.00**

CAT HUG 6304C 727 TRANS FLEXPLATE
11.100"/10.010", SFI CERTIFIED, NO COUNTERWEIGHT, DUAL 6 BOLT PATTERN
Manufactured from stamped, cold-rolled and non-resulfurized carbon steel plate. 5/32" thickness of the stamped plate is heavier than OEMs for superior strength.
\$24.95

HUG 6430 TIMING CHAIN SET
3 bolt cam, 9 key true double roller w/hardened gears. 2° increments.
\$118.00

HUG 6428 ROLLER TIMING SET BB
3 bolt key Pro Gear true double roller w/hardened gears. 4° increments.
\$79.95

MELLING HUG 6610 STANDARD OIL PUMP
Manufactured from high-quality steel with all-new components and are individually hand-turned and pressure-tested to guarantee they'll perform as good as OEM.
\$59.95

HUG 6612 HIGH VOLUME OIL PUMP
Melling high-volume oil pumps give you an additional 20-25% of much-needed oil volume for your performance application.
\$69.95

ARP HUG 7342 ENGINE FASTENERS BLACK HEX HD
Chr. Moly Blk Oxide, 170,000 Psi TnsI Str., twelve Groups In Kit. Each and every fastener is superior in strength to the OEM bolts & also significantly better than hardware grades.
\$125.95

SPEED PRO FULL LINE OF CLEVITE & SPEED PRO BEARINGS CLEVITE