



You guessed it! Every vehicle pictured here is running on parts, kits or engines supplied by Hughes Engines, inc. We supply parts for street rods, drag strip, truck & tractor pullers, oval track, hill climb, land speed records, mud drags, rock climbing, swamp boats and even an Alaskan crabbing boat. If it has a Mopar engine in it, we got you covered, oil pan to carb. Our trained technicians can help you choose parts to best fit your specific application. To see even more or our customers sweet rides check the customer photo section on our website at www.HughesEngines.com.

Hughes Engines, Inc. Show Schedule

Hughes Engines will be hitting the road once again and plans on attending the events featured below. There will be show specials, new product displays and tech seminars. As always, we'll have the entire technical staff on hand to answer your questions and help you choose the best parts for your particular application. We look forward to seeing you all there!

Just Announced...
MONSTER Mopar Weekend
NEW 2011 LOCATION!
Lucas Oil Raceway
 INDIANAPOLIS, IN
LUCAS OIL RACEWAY
 FRIDAY, SATURDAY, SUNDAY
SEPTEMBER 23, 24, 25
 MARK YOUR CALENDARS
 FOR THE MIDWEST'S LARGEST MOPAR ONLY EVENT

5th ANNUAL
RACE & PERFORMANCE EXPO
MARK YOUR CALENDARS!
FEBRUARY 25TH & 26TH, 2012
AT PHEASANT RUN RESORT
 4091 East Main St., St. Charles, IL 60174

The 17th Annual
 Chrysler Performance
 Two Day Trade Show
 and Parts Swap Meet
 Indiana State Fairgrounds 1202 E. 38 St. Indianapolis, IN 46205
March 3-4, 2012
 150,000 Sq. Ft.
 Heated Arena

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 Peoria, IL
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TOOLS, CHEMICALS, BOOKS & PROMOTIONAL

BOOKS: We offer a huge selection of current & interesting titles.

<p>CTB CT47 CHRYSLER CONCEPT CARS 1940-1970 By David Fetherston & Tony Thacker Dodge, Chrysler & Plymouth concept cars between 1940 and 1970. \$22.00</p> <p>CTB CT497 JERRY HEASLEY'S RARE FINDS Rare muscle cars in barns, garages, fields & other unexpected places. \$24.95</p> <p>CTB SA08 SUPER TUNING AND MODIFYING HOLLEY CARBS / By Dave Emanuel For street racing, off-road turbocharging and economy. \$19.95</p> <p>CTB SA130 REBUILD & MODIFY CARTER/ EDELBROCK CARBS / By Dave Emanuel The ins and outs of Edelbrock carburetors. \$24.95</p> <p>CTB SA143 HOW TO REBUILD THE SMALL-BLOCK MOPAR / By William Burt On SB Mopar engines 273, 318, 340 & 360-ci LA eng. & 5.2 & 5.9L Mag. V-8s. \$19.95</p>	<p>CTB SA164 HOW TO BUILD MAX-PERFORMANCE HEMI ENGINE / By Richard Nedbal Extract more HP out of second-generation Hemi engines. \$19.95</p> <p>CTB SA167 MUSCLE CAR INTERIOR RESTORATION By Daniel Strohl Tools, materials, techniques & procedures to restore muscle cars. \$26.95</p> <p>CTB SA17 A COMPLETE GUIDE TO STREET SUPERCHARGING / By Pat Ganahl Blower basics, background & history. \$22.95</p> <p>CTB SA171 HOW TO BUILD MAX-PERFORMANCE MOPAR BIG B / By Andy Finkbeiner Mopar 383-, 400-, 413-, 426-, & 440-ci engines to levels of 600 to 900 hp. \$19.95</p> <p>CTB SA24-5 HOW TO BUILD HORSEPOWER VOL. #1 By David Vizard Though written from a Chevy point of view, this author's authority can't be dismissed. \$19.95</p>	<p>CTB SA60 CHRYSLER PERFORMANCE UPGRADES By Frank Adkins 10 chapters cover 60s and 70s Chrysler muscle & performance cars. \$17.95</p> <p>HUG 8504 REBUILD A BIG BLOCK MOPAR Guide to rebuilding and restoring these engines to factory specs. \$19.95</p> <p>HUG HP1302 BIG BLOCK PERFORMANCE BOOK Extracting max. HP & torque from low deck "B" & raised deck "RB" Mopar engines. \$19.95</p> <p>HUG HP1405 HOW TO HOTROD SMALL BLOCK MOPAR / By Larry Shepard HUG HP1431 HOW TO REBUILD A MAGNUM V8 By Larry Shepard HUG HP1528 MOPAR SIX-PACK ENGINE HANDBOOK Rebuild & modify Mopar 6-Pack engines on 1969-1971 Chrysler musclecars. \$19.95</p>
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TOOLS

SAP 66831
CYLINDER HEAD CC KIT
Accurately cc's most cylinder head combustion chambers. **\$129.95**

ARE AR319
SB VALVETRAIN CHECKING PLATE **\$19.00**

ARE AR083
VALVETRAIN CHECKING PLATE BB & HEMI **\$19.00**

AR180
SB MOTOR DOLLY KIT W/ 5' CASTERS
Zinc-plated 10-gauge steel. 1,200 Lb. capacity. Made in U.S.A. **\$135.00**

ARE AR042
DAMPER HOLDER TOOL SB, BB AND HEMI **\$18.00**

ARE AR303
CRANKSHAFT HOLDING TOOL **\$19.00**

HUG 4799
CRANKSHAFT TURNING TOOL
Specially designed 1/2" drive sockets let you rotate the engine assembly. **\$39.95**

HUG 6214
BRASS PRIMING SHAFT BB AND SB
Use this 14" shaft to prime your oil pump prior to initial engine startup. Shaft fits all Small Block & Big Block engines (B/RB). **\$8.50**

HUG 62385
UNIV/PLUG AIR HOLDING TOOL KIT **\$29.95**
Air hose kit makes it easy to pressurize the cylinder to hold the valve closed when changing a valve spring. Fits 14mm 18mm spark plug holes. Includes 12" hose and 3 spark plug adapters.

HUG 66766
PISTON RING COMPRESSOR 4.00-4.090 **\$32.00**
Simply place the piston (with rings) into the tapered end of the ring.

SAP 67655
PISTON RING COMPRESSOR 2.50-5.00' **\$24.95**
Universal, adjustable band-style, stainless steel construction.

HUG 66514
HARMONIC BALANCER INSTALLER/PULLER **\$69.95**
Easily remove and install dampers and steering wheels.

HUG 66775
VALVE SPRING PRESSURE TESTER
Heavy-duty bench type. Good up to 700 lbs. **\$239.95**

HUG 8312
SB SPRING COMPRESSOR
Use on engine; designed for high open pressures of double valve springs. **\$59.95**

HUG 8314
BB SPRING COMPRESSOR **\$59.95**

HUG 8319
LIFTER BURNISHING BALL .906 DIAMETER
Smooth and straighten the lifter bores. This promotes lifter rotation. **\$64.00**

HUG 8324
LEAK DOWN GAUGE
Measures the condition of your head gaskets, piston rings, and valves. **\$74.95**

HUG 8338
VALVE SPRING HEIGHT MICROMETER
Tall valve spring height micrometer. Range: 1.600" - 2.100" (most V8s). **\$49.95**

HUG 8370
LIFT PLATE ALL ENGINES
Makes lifting the engine out an easy job instead of a struggle. **\$15.00**

HUG 8372
ROD SPLITTING TOOL
Features a built-in area to clamp into your vise or clamp down to the corner of your work bench. **\$110.00**

HUG 8374
CONNECTING ROD VISE
Designed for aluminum or steel rods. **\$89.00**

HUG 8380
VALVE LASH WRENCH SET 7/16" X 1/8"
For use on adjustable rocker arms. **\$19.95**

MOR 89650
POWER SPEED CALCULATOR
Helps calculate E.T. & MPH. **\$12.95**

QFT 36-E85
E-85 FUEL TEST KIT
Checks the percentage of ethanol content in E85 pump gas. **\$15.75**

PROGEAR
TIMING CHAIN SETS
By ProGear
Precision cold formed seamless rollers, Chromized pins for longer wear life & chemically hardened & black-oxidized gears. These are the only chain sets we use or sell.

SMALL BLOCK		
#6440	3 KeyWays	\$ 92.00
#6442	7 KeyWays	\$122.00
BIG BLOCK		
#6427	Single Bolt 3 Keyways	\$ 79.95
#6434	Single Bolt 9 Keyways	\$118.00
#6428	3 Bolt / 3 Bolt Keyways	\$ 89.95
#6430	3 Bolt / 9 Keyways	\$125.00

PROMO

HUG 2904B
X-LARGE BLACK HUGHES T-SHIRT
Hanes 6.1 oz., 100% cotton, short-sleeved, tagless t-shirt. **\$13.00**

HUG DECAL
BIG 16x5 HUGHES VINYL RACING STICKER
Heavy-duty, UV resistant vinyl with adhesive backing. **\$3.95**

HUG DECAL
SMALL 2x7, HUGHES RACING STICKER
On heavy-duty paper with adhesive backing (indoor use). **50¢**

HUG BANNER 08
HUGHES ENGINES RACING BANNER
A vinyl 20"x42" banner w/steel grommets. **\$39.95**

CHEMICALS

ARP 100-9910
ARP ULTRA-TORQUE ASSY LUBE .5 PINT
.5 pint jar of ARP's ultra-torque assembly lube. **\$17.95**

HUG 3630
6 OZ. HYLOMAR SPRAY SEALANT **\$14.95**

HUG 3648
HYLOMAR SEALANT 1.5 OZ TUBE
Gasket dressing/thread sealant. Seals gaps up to .010". **\$9.00**

HUG 3658
HYLOMAR SEALANT 100G TUBE
Gasket dressing/thread sealant. Seals gaps up to .010". **\$14.95**

HUG 3660
GASGACINCH GASKET SEALER 4 OZ.
Great for oil pans, valve covers, etc. **\$5.00**

Permatex HUG 3662
BLACK SILICONE -80° TO 500° F 3.35 OZ.
Sensor safe RTV, gasketmaker, O2 sensor safe, solvent resistant. **\$5.99**

Permatex HUG 3672
ULTRA COPPER SILICONE SEALANT
Hi-temp RTV gasketmaker. Good up to 700°. Great for exhausts! **\$6.75**

HUG 3666
ENGINE ASSEMBLY LUBE LUBRIPLATE
Very light grease, won't run. Not to be used for cam lube! **\$9.95**

HUG 3674
COOLING SYSTEM SEALER
Irontite all-weather ceramic seal. **\$18.95**

MORASO HUG 3684
BLOCK FILL
Stiffen up the block! JGP 50030 **\$15.95**

CSP
COOLANT SYSYTEM PROTECTOR
12-oz. bottle. Holds harmful contaminants in suspension and lubes. **\$8.99**

WALSH
TOT 901-QP1 QUICKSEAT DRY FILM LUBE W/ AL4
For quicker, more effective ring seating. **\$32.00**

MORASO MOR 35581
RACE WHITE WINDOW/TIRE MARKER
Goes on smoothly and evenly with a bright white finish. **\$11.95**

JOE GIBBS DRIVEN RACING OIL We use and recommend Joe Gibbs Driven lubricants in all of our engines!

ENGINE PAINTS & PRIMERS Available in a variety of colors. Starting at \$7.35

VALVE TRAIN AND COMPONENTS



HUGHES "REAL CHRYSLER" ROCKER ARM KITS

Made in USA

Hughes Engines rockers feature correct geometry & correct ratios for your Mopar. These rockers feature all the quality and precision you would expect from a Made-in-the-USA product.

SMALL BLOCK LA **BIG BLOCK B/RB**

HUG15023 15103/1.5 Ratio Standard Offset \$497.00
 1.5 Ratio 15203/1.6 Ratio Standard Offset

HUG15063 15153/1.5 Ratio .600" offset (Victor Style) \$595.00
 1.6 Ratio 15253/1.6 Ratio .600" offset (Victor Style)

SMALL BLOCK MAGNUM (93-03)

HUG1550 Iron Heads. 1.6 Ratio Stainless Steel. 335.00
 HUG1560 Aluminum Heads. 1.6 Ratio Stainless Steel. \$225.00
 HUG1555 1.65 Ratio \$475.00
 Hughes Exclusive shaft-mounted.

ROCKER ARM BILLET STEEL HOLD DOWN KIT

#7440 / Small Block \$85.00
 #7442 / Big Block
 #1710

ROCKER SHAFT SADDLE SHIM KIT \$29.95

#7436 / 3/8"-24 x 1.50" x 1/8" Hex
 #7437 / 3/8"-24 x 1.50" x 3/16" Hex

ROCKER ARM ADJUSTER SCREWS \$8.00
 #1540 / 3/8" or 7/16"

MAGNUM ROCKER ARM STUD GIRDLE KIT \$212.00

ROCKER ARM SHAFTS

These beauties are a thick wall chromoly steel and are straighter, rounder, smoother, stiffer & harder than any other shaft on the market.

#1600 \$108.95/pair
 Small Block Big Block \$108.95/pair

VALVES

#1013 11/32" Stems \$11.25
 1.60" Head x 5.011"

#1024S 1.81" Head \$11.25

#1037 1.81" Head x 5.250" \$11.75

#1052 1.81" Head x 5.375" \$12.95 #1018 2.14" Head X 4.873" \$11.25
 #1006 2.02" Head x 5.011" \$11.25 #1034 2.19" Head x 4.873" \$13.50
 #1007 2.055" Head x 5.021" \$12.50 #1035 2.19" Head x 5.250" \$13.50
 #1009 2.08" Head x 5.026" \$12.50 #1054 2.20" Head x 5.335" \$11.25
 #1060 2.125" Head x 5.00" \$10.80 #1039 2.250" Head x 5.375" \$13.50

3/8" Valves

#1010 1.60" Head X 5.010" \$ 9.75 #1002 1.88" Head \$ 6.00
 #1043 1.60" Head x 5.075" \$12.00 #1004 2.02" Head x 4.985" \$ 8.00
 #1027 1.60" Head \$10.00 #1042 2.02" Head x 5.030" \$11.25
 #1021 1.74" Head \$11.00 #1026 2.08" Head x 4.865" \$10.00
 #1025 1.74" Head x 4.865" \$10.00 #1017 2.14" Head x 4.873" \$11.25

VALVE LOCKS

7"x11/32" Stem

#1302 CASE HARDENED STAMPED STEEL (Single groove) \$ 8.00/set
 #1322 CASE HARDENED MACHINED STEEL (Single groove) \$32.00/set
 #1340 FORGED HEAT TREATED STEEL +.050" height. Single groove. \$32.00/set

7" x 3/8" Stem

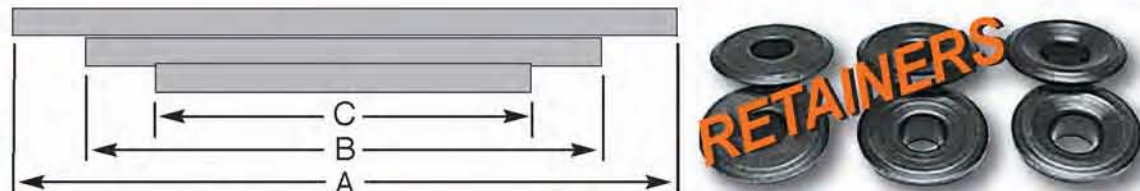
#1304 CASE HARDENED STAMPED STEEL (1 groove) \$ 8.00/set
 #1305 CASE HARDENED STAMPED STEEL (2 groove) \$ 8.00/set
 #1306 CASE HARDENED STAMPED STEEL (4 groove) \$ 8.00/set
 #1324 CASE HARDENED MACHINED STEEL (1 groove) \$32.00/set
 #1325 CASE HARDENED MACHINED STEEL Single groove + .040" height. \$32.00/set
 #1342 CASE HARDENED MACHINED STEEL 1 groove +.050" height. \$32.00/set

10° X 11/32" Stem

#1332 CASE HARDENED MACHINED ALLOY STEEL 1 groove. \$32.00/set

10° X 3/8" Stem

#1334 CASE HARDENED MACHINED ALLOY STEEL 1 groove. \$32.00/set
 #1335 CASE HARDENED MACHINED ALLOY STEEL 2 groove. \$48.00/set
 #1336 CASE HARDENED MACHINED ALLOY STEEL 4 groove. \$48.00/set



VALVE STEM SIZE	DIMENSION			CHANGE IN INSTALLED HEIGHT	PART NUMBER	PRICE PER SET
	A	B	C			
7" LOCK ANGLE						
5/16"	1.050"	-	-	0.150"	1278	\$62.00
11/32"	1.375"	1.035"	0.100"	0.100"	1201	\$62.00
11/32"	1.375"	1.060"	0.100"	0.100"	1202	\$62.00
11/32"	1.370"	1.065"	0.150"	0.100"	1203	\$62.00
11/32"	1.370"	1.060"	0.000"	0.100"	1205	\$62.00
3/8"	1.375"	1.025"	0.075"	0.100"	1252	\$62.00
3/8"	1.375"	1.060"	0.150"	0.100"	1254	\$62.00
3/8"	1.375"	1.030"	0.075"	0.100"	1256	\$62.00
3/8"	1.375"	1.030"	0.115"	0.100"	1258	\$62.00

BEEHIVE RETAINERS						
11/32"	.950"	.640"	.515"		1280R	\$62.00
8mm (5/16)	.950"	.640"	.485"		1286R	\$62.00

10" LOCK ANGLE (For Use with Jumbo-style Locks Only)						
5/16", 11/32", 3/8"	1.00"	1.050"	0.690"	0.075"	1270	\$64.00
11/32"	1.500"	1.095"	0.710"	0.075"	1272	\$64.00

LASH CAPS

Heat-treated alloy steel, minimum valve tip length .250", adds .0840" overall length.

#1352 11/32" VALVE STEM \$34.95 #1354 3/8" VALVE STEM \$39.95

VALVE SPRING CUPS AND LOCATORS

PART #	THICKNESS O.D.	OVERALL O.D.	SPRING PAD I.D.	SPRING PAD O.D.	TYPE
1370	.060"	1.640"	1.530"	0.645"	Outer Lip
1372	.060"	1.640"	1.520"	1.031"	Outer Lip
1373	.062"	1.650"	1.525"	0.640"	Outer Lip
1375	.062"	1.550"	1.440"	.680"	Outer Lip
1378	.060"	1.700"	1.550"	.570"	Outer Lip
1380	.060"	1.613"	1.470"	.570"	Outer Lip
1384	.060"	1.540"		.640"	Inner Locator

VALVE STEM SEALS

ULTRA BLEND FLUOROELASTOMER (KNOWN AS VITON)

- Full, metal clad outer shell
- Ultra blend fluoroelastomer sealing material
- Fluoroelastomer rubber seal ID which provides worry-free seal retention to the valve guide boss & controls oil creep
- Low drag single lip wiper with low tension stainless garter spring to control seal lip throughout valve motion
- Unlike Teflon® ('PC' style seals), fluor elastomer material stays soft, flexible and offers excellent abrasion resistance
- This fluoroelastomer material will perform well at 400°F continuously & will live with intermittent temps up to 550°F

PART #	STEM DIAMETER	GUIDE DIAMETER	PRICE
3802	5/16"	.415"	\$1.99
3804	5/16"	.500"	\$1.99
3806	5/16"	.530"	\$1.99
3808	11/32"	.500"	\$1.99
3810	11/32"	.530"	\$1.99
3812	11/32"	.562"	\$1.99
3814	3/8"	.620"	\$1.99
3816	3/8"	.530"	\$1.99
3818	3/8"	.562"	\$1.99
3820	3/8"	.625"	\$1.99

MAGNUM INTAKE & FUEL

Intake

#5409 Hughes FI AirGap \$599.99
 This intake, designed by Hughes Engines & manufactured by Edelbrock, is the best intake available for 1996-2003 5.2 & 5.9 Dodge Magnum engines.

THROTTLE BODIES

The Hughes Stage 1 throttle body will be a great improvement for any stock, mild performance or towing application. For hotter performance applications or stroked engines our Stage 2 "Big Gulp" should satisfy all of your needs for air without the expense of upgrading to a 4bbl throttle body.

#5500 Air Flow cfm@1.5" Hg/Stage 1 Modified O.E.M. \$165.00
 #5502 728cfm/Stage 2 Modified O.E.M./"BIG GULP" 907 cfm \$225.00

AIR FILTER & COLD AIR KITS

#11000 Use w/Cold Air Kits. 14" overall length. Gains of up to 8HP. \$59.95

ULTRA STREET AVENGER

Anodized billet aluminum metering blocks/base plate w/ colored hardware; Aluminum Construction; Electric Choke; Vacuum Secondary.

#0-86670BK Black, 670cfm, Vacuum Secondary Electric Choke \$499.95
 #0-86670BL Blue, 670cfm, Vacuum Secondary Electric Choke \$499.95
 #0-86670RD Red, 670cfm, Vacuum Secondary Electric Choke \$499.95
 #0-86770BK Black, 770cfm, Vacuum Secondary Electric Choke \$499.95
 #0-86770BL Blue, 770cfm, Vacuum Secondary Electric Choke \$499.95
 #0-86770RD Red, 770cfm, Vacuum Secondary Electric Choke \$499.95

Holley HP SERIES

#0-80670 670cfm, Vacuum Secondary Electric Choke \$365.95
 #0-80528-1 750cfm, Mechanical Secondary, No Choke \$675.95
 #0-80509-1 830cfm, Mechanical Secondary, No Choke \$715.95
 #0-80511-1 830cfm, Mechanical Secondary, Annular Discharge, No Choke \$725.95

Holley ORIGINAL SERIES

0-80531 850 cfm, Vacuum Secondary Electric Choke \$465.95

DOMINATOR SERIES

0-8896-1 1050, 4500 style Mechanical Secondary \$725.00

COMPETITION SERIES

0-9380 850cfm, Mechanical Secondary \$595.95
 No Choke, Annular Discharge

FUEL PUMPS & ECCENTRICS

SMALL BLOCK

#12-360-11 Mechanical 110gph \$119.95
 #12-812-1 Electric 110gph No Regulator \$129.95
 #12-802-1 Electric 110gph with Regulator \$134.95
 #10003 Eccentric (super tough moly coating) \$42.00

BIG BLOCK

#12-440-11 Mechanical 110gph \$119.95
 #12-812-1 Electric 110gph No Regulator \$129.95
 #12-802-1 Electric 110gph with Regulator \$134.95

CARBS & ACCESSORIES

HOLLEY CARBURETORS

STREET AVENGER

Holley #0-80670 670cfm Vacuum Secondary Electric Choke \$365.95
 #0-80770 770cfm Vacuum Secondary Electric Choke \$399.95
 #0-80870 870cfm Vacuum Secondary Electric Choke \$395.95

FUEL INJECTOR ADAPTERS

These adapters are needed for all 2000-2003 Dodge trucks when upgrading to the new Accel injectors.

#5580 Wireless EV1 to EV6 Adapters \$39.95 set

ACCEL FUEL INJECTORS

#5522 21lb \$285.95 #5532 32lb \$289.95
 #5524 24lb \$281.95 #5536 36lb \$399.95
 #5526 26lb \$285.95 #5540 40lb \$415.00
 #5530 30lb \$279.75

FUEL PUMP PUSHROD

#10010 4140 steel tool hardened to Rc30 \$19.95
 #4646 Comp Brand with Bronze tips \$22.00



CYLINDER HEADS & TOP END KITS

IRON SMALL BLOCK MAGNUM STYLE FOR MAGNUM INTAKE & MAGNUM ROCKERS



Head Description	Iron Ram (EQ) #	Price	RHS "X" #	Price
Bare single Head	4666	\$ 311.50/ea	20300	\$ 320.00/ea
Assembled w/stock style valves and 1110 springs	4670B	\$ 775.00/pr	20300A	\$ 925.00/pr
Assembled w/stainless valves and 1110 springs	4670C	\$ 845.00/pr	20300B	\$ 995.00/pr
Assembled w/2.02" stainless valves and 1110 Springs	4672	\$1050.00/pr	20300C	\$1200.00/pr
Super Prepped w/2.02" int and 1.620" exh NO Springs	HPHD-MAG-SP	\$1320.00/pr	20300SP	\$1395.00/pr
Fully Ported w/2.055" int and 1.620" exh NO Springs	HPHD-MAG-S1	\$1925.00/pr	20300FP	\$1999.00/pr



IRON SMALL BLOCK MAGNUM STYLE FOR "LA" INTAKE & MAGNUM ROCKERS

Head Description	Iron Ram (EQ) #	Price
Bare single head	4668	\$ 311.50
Assembled w/stock style valves and 1110 springs	4675B	\$ 775.00/pr
Assembled w/stainless valves and 1110 springs	4675	\$ 885.00/pr
Assembled w/2.02" int & 1.620" ex and 1110 springs	4677	\$1025.00/pr



IRON SMALL BLOCK MAGNUM STYLE FOR "LA" INTAKE AND "LA" ROCKERS

Head Description	RHS "X" #	Price
Bare Single Head	20301	\$ 320.00/ea
Assembled w/stock style valves & 1110 springs	20301A	\$ 925.00/pr
Assembled w/stainless valves & 1110 springs	20301B	\$ 995.00/pr
Assembled w/2.02" intake & 1.620" ex & 1110 springs	20301C	\$1200.00/pr
Super Prepped w/2.02" int & 1.620" exh NO Springs	20301SP	\$1395.00/pr
Fully Ported w/2.02" int & 1.620" exh NO Springs	20301FP	\$1999.00/pr



ALUMINUM SMALL BLOCK MAGNUM EDELBROCK RPM

Head Description	Part #	Price
Stock from Edelbrock (61779)	4610	\$1560.00
Prepped (supplied by Hughes)	4610-P	\$2001.00
Prepped (new supplied by customer)	4610-P-C	\$ 450.00
C.N.C. Super Prepped (new supplied by Hughes)	4610-SCP	\$2200.00
C.N.C. Super Prepped (new supplied by customer)	4610-SCP-C	\$ 649.00
Fully C.N.C. Ported (supplied by Hughes)	4610-S3	\$3016.00
Fully C.N.C. Ported (new supplied by customer)	4610-S3-C	\$1457.00

HUG 2094 SMALL BLOCK MAGNUM TOP END POWER PACKAGE
Gain HP and Torque.
\$2899.00

HUG 2090 SMALL BLOCK "LA" TOP END POWER PACKAGE
Gains approximately 70 HP and 45 ft/lb torque.
\$2175.00



ALUMINUM SMALL BLOCK "LA" EDELBROCK RPM

Head Description	Part #	Price
Stock from Edelbrock (60779)	4600	\$1440.00/pr
Prepped (supplied by Hughes)	4600-P	\$1880.00/pr
Prepped (new supplied by customer)	4600-P-C	\$ 450.00/pr
C.N.C. Super Prepped (supplied by Hughes)	4600-SCP	\$2074.00/pr
C.N.C. Super Prepped (new supplied by cust)	4600-SCP-C	\$ 649.00/pr
Fully C.N.C. Ported (new supplied by Hughes)	4600-S3	\$2821.00/pr
Fully C.N.C. Ported (new supplied by customer)	4600-S3-C	\$1381.84/pr
Fully C.N.C Ported (used supplied by customer)	4600-S3-U	\$1506.84/pr



ALUMINUM BIG BLOCK EDELBROCK RPM

Head Description	Part #	Price
Stock from Edelbrock (60779)	4650	\$1479.00/pr
Prepped (supplied by Hughes)	4650-P	\$1920.00/pr
Prepped (new supplied by customer)	4650-P-C	\$ 450.00/pr
Fully C.N.C. Ported (new supplied by Hughes)	4650-S3	\$2869.00/pr
Fully C.N.C. Ported (new supplied by customer)	4650-S3-C	\$1389.84/pr
Fully C.N.C. Ported (used supplied by customer)	4650-S3-U	\$1515.00/pr
C.N.C. Super Prepped (new supplied by Hughes)	4650-SCP	\$1673.00/pr
C.N.C. Super Prepped (new supplied by customer)	4650-SCP-C	\$ 649.00/pr



ALUMINUM BIG BLOCK EDELBROCK VICTOR STANDARD 440 PORT SIZE

Head Description	Part #	Price
Stock from Edelbrock (77919) no valves or springs	4654	\$1379.00/pr
Stock from Edelbrock w/valves only (77929)	4656	\$1511.00/pr
Prepped (new supplied by Hughes) no springs	4656-P	\$1952.00/pr
Prepped (new customer supplied heads)	4656-P-C	\$ 550.00/pr
C.N.C. Super Prepped (new supplied by Hughes)	4656-SCP	\$2146.00/pr
C.N.C. Super Prepped (new customer supplied)	4656-SCP-C	\$ 744.00/pr
Fully C.N.C. Ported (new supplied by Hughes) no springs	4656-S3	\$2792.00/pr
Fully C.N.C. Ported (new customer supplied) no springs	4656-S3-C	\$1282.00/pr
Fully C.N.C. Ported (used customer supplied) no springs	4656-S3-U	\$1407.00/pr



ALUMINUM BIG BLOCK EDELBROCK VICTOR MAX WEDGE PORT SIZE

Head Description	Part #	Price
Stock from Edelbrock w/valves only (77949)	4658	\$1520.00/pr
Prepped (new supplied by Hughes) no springs	4658-P	\$1961.00/pr
Prepped (new customer supplied heads)	4658-P-C	\$ 550.00/pr
C.N.C. Super Prepped (new supplied by Hughes)	4658-SCP	\$2155.00/pr
C.N.C. Ported (new customer supplied)	4658-SCP-C	\$ 744.00/pr
Fully C.N.C. Ported (new supplied by Hughes) no springs	4658-S3	\$2801.00/pr
Fully C.N.C. Ported (new customer supplied) no springs	4658-S3-C	\$1282.00/pr
Fully C.N.C. Ported (used customer supplied) no springs	4658-S3-U	\$1407.00/pr

BIG BLOCK VICTOR HEADS WITH INSTALLATION KIT

All kits listed here include the following parts: A Pair of Edelbrock Heads; Valley cover (low deck #3292 or raised deck #3290); Hughes 5698 Pushrod material with ends (unassembled); Intake Gaskets (3266); and ARP Head Bolts (7188).

Description of heads in kit	Part #	Kit Price
Stock from Edelbrock w/valves only (77929) 440 ports	4656K	\$1795.95
Prepped (new supplied by Hughes) 440 ports	4656K-P	\$2205.95
Fully C.N.C. Ported (new supplied by Hughes) 440 ports	4656K-S3	\$3045.95
Stock from Edelbrock w/valves only (77949) Max Wedge	4658K	\$1804.95
Prepped (new supplied by Hughes) Max Wedge	4658K-P	\$2214.95
Fully C.N.C. Ported (new supplied by Hughes) Max Wedge	4658K-S3	\$3085.00

INDY EZ STANDARD 440 PORT SIZE

Head Description	Part #	Price
Stock from INDY (bare)	4951	\$1575.95
Stock from INDY (assembled with springs)	4950	\$1885.00
Prepped (assembled with springs)	4950-P	\$2327.00

INDY EZ WITH MAX WEDGE PORTS

Head Description	Part #	Price
Stock from INDY (bare)	4951MW	\$1785.00/pr
Stock from INDY (assembled with springs)	4950MW	\$2095.00/pr
Prepped (assembled with springs)	4950MW-P	\$2536.00/pr
Fully C.N.C. Ported (assembled with springs)	4950MW-S3	\$3377.00/pr



INDY EZ HEADS WITH INSTALLATION KIT

All kits listed here include the following parts: 1 pair of assembled 440EZ heads; Complete set of head bolts; Valley plate (Indicate low deck or raised deck when ordering); Intake gasket facings; Pushrod kit (unassembled).

Description of heads in kit	Part #	Kit Price
Stock from INDY (assembled with springs)	4950K	\$2095.00
Prepped (assembled with springs)	4950K-P	\$2537.00
Stock from INDY (assembled with springs)	4950KMW	\$2305.00
Prepped and assembled	4950KMW-P	\$2747.00
Fully C.N.C. Ported & Assembled with springs	4950KMW-S3	\$3587.00



HUG 2087 BIG BLOCK TOP END POWER PACKAGE
Bolt-on 482HP/528 ft/lb torque with a simple bolt-on package.
\$2225.00

INTAKES, STROKER KITS & COMPONENTS



PISTONS

Keith Black & ICON Pistons available in oversizes by adding ".020, .030" etc. to the end of the part number. Diamond Pistons are shown in .030" bore sizes and may be available in other bore sizes.



Part #	Brand	Type	Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	Compression	Price
2005	Keith Black	Hypereutectic	3.910"	3.310"	6.123"	1.810"	507 gr	.984"	-5.0	9.5 w/65cc	\$320.00
2007	Keith Black	Hypereutectic	3.910"	3.310"	6.123"	1.810"	541 gr	.984"	+6.0	11.0 w/65cc	\$346.00
2354	ICON	Forged	3.910"	3.310"	6.123"	1.810"	492 gr	.984"	-4.7	9.5 w/65cc	\$476.00
2358	ICON	Forged	3.910"	3.310"	6.123"	1.810"	525 gr	.984"	+4.9	10.7 w/65cc	\$476.00
2350	ICON	Forged	3.910"	4.00"	6.123"	1.465"	525 gr	.984"	-4.7	11.3 w/65cc	\$476.00
2352	ICON	Forged	3.910"	4.00"	6.123"	1.465"	439 gr	.984"	-23.0	9.3 w/65cc	\$476.00
50001	Diamond	Forged	3.940"	4.00"	6.123"	1.457"	480 gr	.984"	-6.8	10.3 w/65cc	\$718.17
50010	Diamond	Forged	3.940"	4.00"	6.123"	1.457"	486 gr	.984"	-16.7	9.5 w/65cc	\$741.84

SMALL BLOCK 340

Part #	Brand	Type	Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	Compression	Price
2006	Keith Black	Hypereutectic	4.040"	3.310"	6.123"	1.840"	507 gr	.984"	-6.0	10.0 w/65cc	\$275.00
51001	Diamond	Forged	4.070"	3.310"	6.123"	1.802"	566 gr	.984"	-6.8	9.2 w/65cc	\$699.97
2020+040	Keith Black	Hypereutectic	4.040"	4.00"	6.123"	1.465"	483 gr	.984"	-23.5	9.7 w/65cc	\$362.00
2026+040	Keith Black	Hypereutectic	4.040"	4.00"	6.123"	1.465"	479 gr	.984"	-25.0	9.6 w/65cc	\$362.00
2308+040	ICON	Forged	4.040"	4.00"	6.123"	1.465"	517 gr	.984"	-20.5	9.9 w/65cc	\$476.00
2310+040	ICON	Forged	4.040"	4.00"	6.123"	1.465"	507 gr	.984"	-5.0	11.6 w/65cc	\$476.00
2318+040	ICON	Forged	4.040"	4.00"	6.123"	1.465"	505 gr	.984"	+5.0	12.3 w/65cc	\$476.00
51007	Diamond	Forged	4.070"	4.00"	6.123"	1.457"	512 gr	.984"	-6.8	10.9 w/65cc	\$699.97
51409	Diamond	Forged	4.070"	4.00"	6.123"	1.457"	525 gr	.984"	-21.5	9.5 w/65cc	\$741.84
51411	Diamond	Forged	4.070"	4.00"	6.123"	1.457"	516 gr	.984"	-9.3	10.6 w/65cc	\$741.84

SMALL BLOCK 360

Part #	Brand	Type	Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	Compression	Price
2012	Keith Black	Hypereutectic	4.00"	3.580"	6.123"	1.675"	560 gr	.984"	-18.0	9.3 w/65cc	\$380.00
2022	Keith Black	Hypereutectic	4.00"	3.580"	6.123"	1.675"	474 gr	.984"	-19.4	9.1 w/65cc	\$362.00
2014	Keith Black	Hypereutectic	4.00"	3.580"	6.123"	1.675"	502 gr	.984"	-5.0	10.7 w/65cc	\$248.00
2015	Keith Black	Hypereutectic	4.00"	3.580"	6.123"	1.675"	512 gr	.984"	+2.8	11.0 w/65cc	\$279.00
2016	Keith Black	Hypereutectic	4.00"	3.580"	6.123"	1.675"	529 gr	.984"	+1.2	11.5 w/65cc	\$279.00
2018	Keith Black	Hypereutectic	4.00"	3.580"	6.123"	1.675"	555 gr	.984"	+11.2	13.2 w/65cc	\$306.00
2302	ICON	Forged	4.00"	3.580"	6.123"	1.675"	548 gr	.984"	+9.6	10.0 w/65cc	\$476.00
2304	ICON	Forged	4.00"	3.580"	6.123"	1.675"	530 gr	.984"	-5.0	10.5 w/65cc	\$476.00
2306	ICON	Forged	4.00"	3.580"	6.123"	1.675"	492 gr	.984"	+11.2	13.0 w/65cc	\$476.00
51021	Diamond	Forged	4.030"	3.580"	6.123"	1.667"	532 gr	.984"	-6.8	9.7 w/65cc	\$699.97
2020	Keith Black	Hypereutectic	4.00"	4.00"	6.123"	1.465"	483 gr	.984"	-23.5	9.7 w/65cc	\$362.00
2026	Keith Black	Hypereutectic	4.00"	4.00"	6.123"	1.465"	479 gr	.984"	-25.0	9.6 w/65cc	\$362.00
2308	ICON	Forged	4.00"	4.00"	6.123"	1.465"	517 gr	.984"	-20.5	9.9 w/65cc	\$476.00
2316	ICON	Forged	4.00"	4.00"	6.123"	1.445"	480 gr	.984"	-20.5	9.9 w/67cc	\$476.00
2314	ICON	Forged	4.00"	4.00"	6.123"	1.445"	482 gr	.984"	-27.0	9.3 w/67cc	\$476.00
2312	ICON	Forged	4.00"	4.00"	6.123"	1.445"	489 gr	.984"	-34.0	8.8 w/65cc	\$476.00
2310	ICON	Forged	4.00"	4.00"	6.123"	1.465"	507 gr	.984"	-5.0	11.6 w/65cc	\$476.00
2318	ICON	Forged	4.00"	4.00"	6.123"	1.465"	505 gr	.984"	+5.0	12.3 w/65cc	\$476.00
51405	Diamond	Forged	4.030"	4.00"	6.123"	1.457"	502 gr	.984"	-20.0	9.5 w/65cc	\$741.84
51026	Diamond	Forged	4.030"	4.00"	6.123"	1.457"	495 gr	.984"	-6.8	10.7 w/65cc	\$699.97

BIG BLOCK 388

Part #	Brand	Type	Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	Compression	Price
2050	Keith Black	Hypereutectic	4.250"	3.375"	6.358"	1.908"	738 gr	1.094"	-5	9.0 w/84cc	\$295.00
2048	Keith Black	Hypereutectic	4.250"	3.375"	6.358"	1.908"	779 gr	1.094"	+6	10.0 w/84cc	\$325.00
51900	Diamond	Forged	4.280"	3.375"	6.358"	1.916"	630 gr	1.094"	-4.0	8.8 w/84cc	\$699.98
51907	Diamond	Forged	4.280"	3.375"	6.760"	1.516"	N/A	.990"	-4.0	8.9 w/84cc	\$699.88
51910	Diamond	Forged	4.280"	3.750"	6.358"	1.720"	579 gr	1.094"	-4.0	9.5 w/84cc	\$699.98
51950	Diamond	Forged	4.280"	3.750"	6.760"	1.320"	N/A	.990"	-4.0	9.6 w/84cc	\$699.88

BIG BLOCK 400

Part #	Brand	Type	Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	Compression	Price
2058	Keith Black	Hypereutectic	4.342"	3.380"	6.358"	1.908"	690 gr	1.094"	-5	9.3 w/84cc	\$350.00
2074	Keith Black	Hypereutectic	4.342"	3.750"	6.358"	1.722"	740 gr	1.094"	-1.5	10.9 w/84cc	\$345.00
2078	Keith Black	Hypereutectic	4.342"	3.750"	6.358"	1.722"	705 gr	1.094"	-4.4	11.2 w/84cc	\$260.00
2076	Keith Black	Hypereutectic	4.342"	3.750"	6.760"	1.327"	550 gr	1.094"	0.0	10.4 w/84cc	\$390.00
2324	ICON	Forged	4.342"	3.750"	6.760"	1.322"	709 gr	.990"	-12.0	9.6 w/84cc	\$476.00
2326	ICON	Forged	4.342"	3.750"	6.760"	1.322"	542 gr	.990"	-4.5	10.4 w/84cc	\$476.00
52407	Diamond	Forged	4.375"	3.750"	6.760"	1.320"	530 gr	.990"	-12.5	9.3 w/84cc	\$741.84
52007	Diamond	Forged	4.375"	3.750"	6.760"	1.320"	526 gr	.990"	-4.0	10 w/84cc	\$699.88
2338	ICON	Forged	4.342"	4.150"	6.760"	1.122"	507 gr	.990"	-23.7	9.8 w/84cc	\$476.00
2340	ICON	Forged	4.342"	4.150"	6.760"	1.122"	498 gr	.990"	-4.5	11.4 w/84cc	\$476.00
52408	Diamond	Forged	4.375"	4.150"	6.760"	1.120"	N/A	.990"	-20.0	9.6 w/84cc	\$741.84
52008	Diamond	Forged	4.375"	4.150"	6.760"	1.120"	480 gr	.990"	-4.0	10.8 w/84cc	\$699.98
52409	Diamond	Forged	4.375"	4.250"	6.535"	1.305"	N/A	.990"	-24.0	9.5 w/84cc	\$741.84
52015	Diamond	Forged	4.375"	4.250"	6.535"	1.305"	N/A	.990"	-4.0	11.2 w/84cc	699.88

BIG BLOCK 440

Part #	Brand	Type	Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	Compression	Price
2064	Keith Black	Hypereutectic	4.320"	3.750"	6.760"	1.992"	765 gr	1.094"	-5	9.3 w/84cc	\$345.00
2068	Keith Black	Hypereutectic	4.320"	3.750"	6.760"	2.057"	775 gr	1.094"	+6	10.5 w/84cc	\$345.00
2070	Keith Black	Hypereutectic	4.320"	3.750"	6.760"	2.067"	770 gr	1.094"	-4.0	9.7 w/84cc	\$355.00
2320	ICON	Forged	4.320"	3.750"	6.760"	2.067"	709 gr	.990"	-4.0	9.7 w/84cc	\$476.00
2322	ICON	Forged	4.320"	3.750"	6.760"	2.067"	686 gr	.990"	-4.0	10.3 w/84cc	\$476.00
2356	ICON	Forged	4.320"	3.750"	6.760"	2.067"	685 gr	1.094"	-4.0	10.3 w/84cc	\$476.00
52402	Diamond	Forged	4.350"	3.750"	6.760"	2.065"	668 gr	.990"	+6	9.3 w/84cc	\$741.84
52002	Diamond	Forged	4.350"	3.750"	6.760"	2.065"	648 gr	.990"	-4.0	10.0 w/84cc	\$699.88
52440	Diamond	Forged	4.350"	3.750"	6.760"	2.029"	702 gr	1.094"	-4.0	10.3 w/84cc	\$766.82
52446	Diamond	Forged	4.350"	3.750"	6.760"	2.065"	673 gr	.990"	-4.0	12.5 w/84cc	\$766.82
2334	ICON	Forged	4.320"	4.150"	6.760"	1.867"	683 gr	.990"	-4.0	9.7 w/84cc	\$476.00
2336	ICON	Forged	4.320"	4.150"	6.760"	1.867"	651 gr	.990"	+6	11.3 w/84cc	\$476.00
52415	Diamond	Forged	4.350"	4.150"	6.760"	1.865"	635 gr	.990"	-4.0	10.1 w/84cc	\$741.84
52005	Diamond	Forged	4.350"	4.150"	6.760"	1.865"	614 gr	.990"	-4.0	10.9 w/84cc	\$699.88
52452	Diamond	Forged	4.350"	4.150"	6.760"	1.865"	673 gr	.990"	-4.0	12.5 w/84cc	\$766.82
2342	ICON	Forged	4.320"	4.250"	7.100"	1.485"	592 gr	.990"	-4.0	9.7 w/84cc	\$476.00
2344	ICON	Forged	4.320"	4.250"	7.100"	1.485"	577 gr	.990"	+6	11.4 w/84cc	\$476.00
52424	Diamond	Forged	4.350"	4.250"	6.760"	1.815"	658 gr	.990"	-4.0	9.5 w/84cc	\$741.84
52460	Diamond	Forged	4.350"	4.250"	7.100"	1.480"	N/A	.990"	-4.0	9.5 w/84cc	\$766.82
52017	Diamond	Forged	4.350"	4.250"	6.760"	1.815"	N/A	.990"	-4.0	11.2 w/84cc	\$699.88
52030	Diamond	Forged	4.350"	4.250"	7.100"	1.480"	N/A	.990"	+6	11.2 w/84cc	\$699.88
2346	ICON	Forged	4.320"	4.375"	7.100"	1.423"	582 gr	.990"	-4.0	9.7 w/84cc	\$476.00
2348	ICON	Forged	4.320"	4.375"	7.100"	1.423"	564 gr	.990"	-4.0	11.7 w/84cc	\$476.00
2324	ICON	Forged	4.320"	4.500"	7.100"	1.322"	709 gr	.990"	-4.0	10.3 w/84cc	\$476.00
2360	ICON	Forged	4.500"	4.500"							



"REAL" CHRYSLER CAMSHAFTS

HYDRAULIC LIFTER CAMS \$215.00

SOLID LIFTER CAMS \$215.00



CAMSHAFT P/N	DURATION @		SB	BB	GENERAL CAM USAGE
	050° TAPPETT LIFT INTAKE/EXHAUST	LIFT @1.5:1 INTAKE/EXHAUST			
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. cruiser. Hot daily driver.
HEH1928	219°/228°	.489" / .524"	1400 to 5200	IDLE to 5200	Mild street performance, hot resto, Some idle. 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.

CAMSHAFT P/N	DURATION @		SB	BB	GENERAL CAM USAGE
	050° TAPPETT LIFT INTAKE/EXHAUST	LIFT @1.5:1 INTAKE/EXHAUST			
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	2400 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 7500	3300 to 7400	Drag strip. Very light dragsters or big displacement stroker.
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!!!

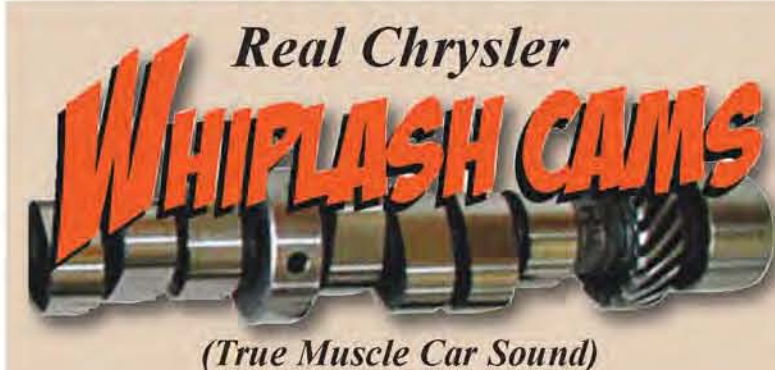
NOTE: With any hydraulic camshaft larger than our 1523AL grind, we strongly encourage using adjustable rocker arms. The stock stamped rockers do not have a true 1.5:1 ratio. They will check somewhere between 1.38:1 and 1.45:1 ratio. This will yield a loss of lift (up to .045"), 2°/3° duration loss and 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 manufactures 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.

**NEED HELP CHOOSING A CAM?
CALL TODAY
FOR EXPERT ADVICE!**



Real Chrysler

WHIPLASH CAMS

(True Muscle Car Sound)

FLAT TAPPETS

\$215.00

ROLLERS \$365.00

(Use Lifters P/N 5001 or 5003)

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 ARE ALSO AVAILABLE AS SOLIDS!

ENGINE	FLAT TAPPET	DURATION @ .050"	LIFT W/1.5 RATIO	SWEET SPOT
318	HMC1326AL	213°/226°	.485" / .518"	Idle - 5800
340/360	HMC2336AL	223°/236°	.512" / .518"	Idle - 5800
383/400	HMC2942BL	229°/242°	.518" / .518"	Idle - 5500
440	HMC3245BL	232°/245°	.518" / .518"	Idle - 5500

ENGINE	FLAT TAPPET	DURATION @ .050"	LIFT W/1.5 RATIO	SWEET SPOT
318	HMR0814ALN	208°/214°	.480" / .487"	Idle - 5800
340/360	HMR2228ALN	222°/228°	.510" / .510"	Idle - 5800
383/400	HMR2228BL	222°/228°	.510" / .510"	Idle - 5500
440	HMR2836BL	228°/236°	.510" / .520"	Idle - 5500

LIFTERS

FLAT TAPPET HYDRAULIC SMALL BLOCK AND BIG BLOCK

- #5001 / Standard By Hy-Lift Johnson \$ 88.00/set
- #5003/Race w/heavy duty Retaining Clip By Hy-Lift Johnson \$143.20/set
- #5016X/Rhoads V-Max Series \$159.00/set

FLAT TAPPET MECHANICAL (Solid) for SMALL BLOCK & BIG BLOCK

- #5012EDM/By Hy-Lift Johnson Oil thru with .012" EDM oil hole at cam lobe surface interface area. 101 grams. \$168.00/set
- #5013 XL/Same as 5012EDM only super lightweight. 78 grams. \$208.00/set

HYDRAULIC ROLLER for 3.9/5.2/5.9L MAGNUM ENGINES

- #5006/Standard Replacements by Hy-Lift Johnson. \$168.00/set
- #5007/High Performance Replacements by Hy-Lift Johnson. \$200.00/set
- #5018X/Rhoads V-Max Series Lifters \$299.00/set

HYDRAULIC ROLLER RETRO-FIT SMALL BLOCK & BIG BLOCK

- #5321/Small block OR #5319/Big Block. \$354.00/set

SOLID ROLLER RETRO-FIT SMALL BLOCK & BIG BLOCK

- #5323/Small block OR #5326/Big Block. \$305.00/set

REAL CHRYSLER HYDRAULIC ROLLER CAMSHAFTS

Available for LA and Magnum Small Blocks as well as Custom Big Block Application

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!

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
HER4652	246°/252°	.592" / .576"	2000 - 7000
HER5258	252°/258°	.576" / .576"	2100 - 7100
HER5864	258°/264°	.576" / .592"	2200 - 7200
HER6468	264°/268°	.592" / .583"	2400 - 7300
HER6872	268°/272°	.583" / .592"	2500 - 7400
HER7278	272°/278°	.592" / .656"	2600 - 7500



HYD ROLLER CAMSHAFT

SB HEMI

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

REGRIND CAMS / NEW CAMS
\$199.00 / \$365.00



ENGINE COMPONENTS



GASKETS

COMPLETE ENGINE KITS

Magnum 3.9L V6			
#3009	Fits 1987-1989 Engines Fel Pro	\$68.95 set	
#3009A	1990 Engines Fel Pro	\$77.95 set	
#3009B	Fits 1991 Engines Fel Pro	\$95.00 set	
#3009C	Fits 1992-2003 Engines Fel Pro	\$114.95 set	
Magnum 5.2L/5.9L			
#3017	Fits all 5.2 Magnum Engines Fel Pro	\$119.95 set	
#3018	Fits all 1992 5.9L Fel Pro	\$115.00 set	
#3013	Fits all 1993-1996 5.9L Fel Pro	\$139.95 set	
#3019	Fits all 1997-2003 5.9L Fel Pro	\$145.95 set	
Small Block "LA" 318/340/360			
#5998	Fits 273/318 Eng. Mr. Gasket High Perf. Ultra-Seal	\$124.95 set	
#5999	Fits 340/360 Eng. Mr. Gasket High Perf. Ultra-Seal	\$126.95 set	
#3010	Fits 340 Engines Fel Pro	\$58.95 set	
#3012	Fits 360 Engines Fel Pro	\$72.00 set	
Big Block 383/400/413/426/440			
#5994	Mr. Gasket High Performance Ultra-Seal	\$139.95 set	
#3014	Fel Pro	\$55.95 set	

CYLINDER HEAD GASKETS

Magnum 3.9L V6			
#3130	Fel Pro Printo Seal Severe Duty 4.050"x.054"	\$29.95 ea.	
Magnum 5.2L/5.9L			
#3106	Fel-Pro Permatorque 4.172"x.054"	\$19.00 ea.	
#3106	PT Fel-Pro Premium Permatorque "SD" Gasket 4.172"x.054"	\$30.95 ea.	
#3104	Fel-Pro Performance w/Pre-flattened Wire O-Ring 4.180"x.039"	\$44.00 ea.	
#1121	Mr. Gasket Ultra-Seal-Graphite/Steel Construction, Elastomer Coated 4.140"x.028"	\$22.95 ea.	
#3103	Mopar Performance Composition 4.140"x.029"	\$52.95 pr.	
#S69064	SCE Titan Copper with built in coolant seals and combustion seals, does not require o-rings. 4.060"x.043"	\$175.50 pr.	
#S69154	SCE Titan Copper with built in coolant seals and combustion seals, does not require o-rings. 4.160"x.043"	\$175.50 pr.	
#C5554-040	Cometic Multi-Layer-Steel 4.040"x.040"	\$90.47 ea.	
#C5565-120	Cometic Multi-Layer-Steel "Supercharger" 4.040"x.120"	\$230.69 ea.	
#7371	Edelbrock Head Set Includes intake, exhaust, head, waterneck, distributor and valve cover gaskets.	\$99.95 set	
Small Block "LA" 318/340/360			
#3102	Fel-Pro Permatorque 4.180"x.054"	\$18.00 ea.	
#3104	Fel-Pro Performance w/Pre-flattened Wire O-Ring 4.180"x.039"	\$44.00 ea.	
#1121	Mr. Gasket Ultra-Seal - Graphite/Steel Construction, Elastomer Coated 4.140"x.028"	\$22.95 ea.	
#3103	Mopar Performance Composition 4.140"x.029"	\$52.95 pr.	
#S69064	SCE Titan Copper with built in coolant seals and combustion seals, does not require o-rings. 4.060"x.043"	\$175.50 pr.	
#S69154	SCE Titan Copper with built in coolant seals and combustion seals, does not require o-rings. 4.160"x.043"	\$175.50 pr.	
#C5633-040	Cometic Multi-Layer-Steel 4.040"x.040"	\$90.47 ea.	
#C5622-040	Cometic Multi-Layer-Steel 4.080"x.040"	\$90.47 ea.	
#C5457-040	Cometic Multi-Layer-Steel 4.125"x.040"	\$90.47 ea.	
#C5456-040	Cometic Multi-Layer-Steel 4.180"x.040"	\$90.47 ea.	
#7370	Edelbrock Head Set Includes intake, exhaust, head, waterneck, distributor and valve cover gaskets.	\$101.95 set	
Big Block 383/400/426/440			
#3108	Fel-Pro Permatorque 4.410"x.054"	\$24.95 ea.	
#3112	Fel-Pro Performance w/Pre-flattened Wire O-Ring 4.410"x.039"	\$44.00 ea.	
#3113	Oversize Fel-Pro Permatorque 4.540"x.051"	\$75.00 ea.	
#3218G	Mr. Gasket Ultra-Seal - Graphite/Steel Construction, Elastomer Coated 4.410"x.040"	\$79.95 ea.	
#1135G	Mr. Gasket Embossed steel shim, Elastomer coated 4.400"x.020"	\$22.95 ea.	
#C5459-040	Cometic Multi-Layer-Steel 4.250"x.040"	\$99.20 ea.	
#C5460-040	Cometic Multi-Layer-Steel 4.350"x.040"	\$99.20 ea.	
#C5461-040	Cometic Multi-Layer-Steel 4.380"x.040"	\$99.20 ea.	
#C5462-040	Cometic Multi-Layer-Steel 4.410"x.040"	\$99.20 ea.	
#C5464-040	Cometic Multi-Layer-Steel 4.500"x.040"	\$99.20 ea.	
#C5799-040	Cometic Multi-Layer-Steel 4.600"x.040"	\$99.20 ea.	
#3122	Edelbrock Head Set Includes intake, exhaust, head, waterneck, distributor and valve cover gaskets.	\$101.95 set	

EXHAUST GASKETS

Magnum 3.9L V6			
#3324	Fel Pro	\$12.95 set	
Magnum 5.2L/5.9L			
#3308	Fel-Pro, Hi-temp Fiber w/Perforated Steel Core	\$15.95 set	
#3322	SCE Copper Embossed	\$29.95 set	
Small Block "LA" 318/340/360			
#3310	Fel Pro High Temp Fiber w/Perforated steel core and anti-stick coating	\$23.95 set	
#3320	SCE Copper Embossed	\$34.95 set	
#66037	Percy's "Dead Soft" multi layered aluminum	\$34.90 set	
#3309	Mopar Performance W-2 High Temp Fiber	\$36.95 set	
Big Block 383/400/426/440			
#3314	Fel Pro High Temp Fiber with Perforated steel core and anti-stick coating	\$22.95 set	
#3316	SCE Copper Embossed	\$29.95 set	
#66036	Percy's "Dead Soft" multi layered aluminum	\$34.90 set	

INTAKE GASKETS & PLATES

Magnum 3.9L V6			
#3228	Fel Pro Kit 1992-2003	\$37.69 set	
#3224A	Throttle Body base gasket \$2.50 each		
Magnum 5.2L/5.9L (1998-2003)			
#3215	Victor Reintz	\$27.99	
#MS95392-1	Fel Pro	\$29.95	
	Throttle Body Base Gasket	\$2.50 ea.	
Small Block "LA" 318/340/360			
#5840	Mr. Gasket Ultra-Seal Cellulose/Nitrile Composition	\$17.00 set	
#3210	Fel Pro Racing set with composition material w/Printoseal and blocked heat cross-over	\$21.95 set	
#3220	Mopar Performance Composition Type, for W-2 Heads up to 1991, .045" thick	\$29.95 set	
#3222	Mopar Performance Composition-type, for W-2 Heads up to 1991, .060" thick	\$29.95 set	
Big Block 383/400 - #3266			
	Hughes Engines exclusive composition material with silicone bead .060" thick Fits standard & Max/Wedge ports	\$15.00 set	

#3250	Fel-Pro Steel Bathtub-type w/Open Crossover	\$18.40 set
#3252	Fel-Pro Steel Bathtub-type w/Blocked Crossover, and 1/32" Paper Facings	\$28.00 set
#3254	Fel-Pro Paper Facings Only (4)	\$17.95 set

#3271MA2	Piece Stainless Steel Valley Plate w/hardware	\$59.95 set
#3292	Edelbrock Valley Tray for Victor Heads	\$37.95 set

Big Block 440

#3266	Hughes Engines exclusive composition material with silicone bead .060" thick Fits standard and Max/Wedge ports	\$15.00 set
#AR182	AR Engineering Billet Aluminum Valley Plate with removable center.	\$225.00 ea.

#3254	Fel-Pro Paper Facings Only (4)	\$17.95 set
#3256	Fel-Pro, Steel Bathtub-type w/Open Crossover	\$22.95 set
#3258	Fel-Pro, Steel Bathtub-type w/Blocked Crossover and 1/32" Paper Facings	\$28.00 set
#3262	Fel-Pro PrintoSeal Max Wedge Intake Gaskets	\$19.95 set

#3271MA	2-Piece Stainless Steel Valley Plate w/hardware	\$59.95 set
#3273SS	1-Piece Stainless Steel Valley Plate w/hardware	\$34.95
#3290	Edelbrock Valley Tray for Victor Heads	\$36.95 set

VALVE COVER GASKETS

Magnum 5.2L/5.9L (1998-2003)			
#3516	Fel-Pro Molded rubber with steel core (10 bolt)	\$34.99 set	
Small Block "LA" 318/340/360			
#3508	Fel-Pro, 3/16" Thick, Cork-Rubber	\$17.95 set	
#3510	Fel-Pro, 1/8" Thick, Rubber	\$15.95 set	
#3512	Fel-Pro, 3/16" Thick, Rubber-Fiber	\$21.95 set	
#3514	Fel-Pro, 5/16" Thick, Cork-Rubber w/Steel Core	\$35.95 set	
#93050	Moroso Perm-Align Rubber with Steel Core	\$39.00 set	
Big Block 383/400/426/440			
#3532	Fel-Pro Racing Late 6-bolt only, 1/8" thick, Rubber	\$16.95 set	
#3534	Fel-Pro, Late 6-bolt only, 3/16" thick, Rubber-Fiber	\$28.95 set	
#264075	SCE ACCU Seal-Pro Steel Core/Composite, Cork/Composite Laminate	\$45.00 set	
#93055	Moroso Oil-resistant/Vulcanized 100% Silicone to Rigid Steel Frame. Re-usable.	\$39.00 set	

TIMING COVER GASKETS

Magnum 3.9L/5.2L/5.9L (1998-2003)			
#3003	Fel-Pro	\$10.95 set	
Small Block "LA" 273/318/340/360			
#3002	Fel-Pro	\$26.95 set	
Big Block 383/400/426/440			
#3001	Fel-Pro	\$16.99 set	

FREEZE PLUGS

Magnum 3.9L/5.2L/5.9L (1998-2003)			
#4504	3.9L V6 F/M Brass Kit	\$11.95	
#4500	5.2/5.9L F/M Brass Kit	\$15.95	
Small Block "LA" 273/318/340/360			
#4500	F/M Brass Kit	\$15.95	
Big Block 383/400/426/440			
#4502	F/M Brass Kit	\$14.25	

OIL PAN GASKETS

Magnum 3.9L/5.2L/5.9L (1998-2003)			
#3411	3.9L V6 Fel-Pro PermaDryPlus molded silicone-rubber construction	\$29.95	
#3410	5.2L Fel-Pro PermaDryPlus molded silicone-rubber construction	\$29.95	
#3414	5.9L Fel-Pro PermaDryPlus molded silicone-rubber construction	\$29.95	
Small Block "LA" 273/318/340			
#3408	Fel-Pro 3-piece Rubber Fiber	\$16.95	
Small Block "LA" 360			
#3416	Fel-Pro 3-piece Rubber Fiber	\$17.95	
Big Block 383/400/426/440			
#3420S	Hughes Engines Famous, Premium Quality Pink Gasket	\$10.75	
#3419	Fel Pro Perma Dry Rubber-coated/steel core 3/32" thick	\$32.95	
#5010	Flat Out Steel Core Laminate w/Silicone Coating (.050" thick)	\$22.95	
#5020	Flat Out Steel Core Laminate w/Silicone Coating (.050" thick)	\$43.00	

MISCELLANEOUS GASKETS

#7725	3.9L V6 Magnum Plenum Intake Plenum Repair Kit stops ping and excessive oil consumption. \$119.95 kit	\$119.95 kit
#7720	5.2/5.9 V8 Magnum Plenum Intake Plenum Repair Kit	\$119.95 kit
#4424	Small Block "LA" Cam Change Kit	\$35.95 set
#3015	318/340 "LA" R.A.C.E. (Remainder to Assemble Complete Engine)	\$32.95 set
#3016	383/400/426/440 R.A.C.E. (Remainder to Assemble Complete Engine)	\$29.95 set
#3422	Small Block Oil Plate Gasket	\$5.35 ea.
#3424	Big Block Oil Pump Gasket	\$1.95 ea.
#3450	Big Block Water Pump To Block Gasket	\$1.95 ea.

FASTENERS / CAM BOLTS

Magnum 3.9L/5.2L/5.9L (1998-2003)			
#7011	Bolt & Washer for use with or without a fuel pump eccentric	\$17.99	
#7013	Cam Snout Extension extends length of cam snout for fuel pump eccentric	\$26.00	
Small Block "LA" 273/318/340/360			
#7011	Bolt & Washer	\$17.99	
Big Block 383/400/426/440			
#7007	Single Bolt & Washer Grade 8 with heavy duty \ washer	\$3.50	
#7008	Hex Head 3 Bolt. Grade 8	\$3.25	
#7009	12 point Heads 3 Bolt Grad 8	\$5.50	

HEAD BOLTS & STUDS

Magnum 3.9L			
#7185	V6 ARP for Iron Heads	\$78.00	
Magnum 5.2L/5.9L (1998-2003)			
#7183S	Stock Replacement Style for Iron Heads Hex Head	\$39.00	
#7183	ARP for Iron Heads 170,000 psi- 15 percent stronger than Grade 8 fasteners Hex Head	\$65.95	
#7181M	ARP For Aluminum Edelbrock Heads 170,000 psi- 15 percent stronger than Grade 8 fasteners Hex Head	\$78.95	
Small Block "LA" 273/318/340/360			
#7180	ARP for Iron Heads 170,000 psi Hex Head Bolts	\$73.95	
#7181	ARP for Edelbrock & W2 Heads Hex Head Bolts	\$62.95	
#7300	ARP for Iron Heads Hex Head, Studs	\$116.95	
#7302	ARP for Iron Heads 12 Pt., Studs	\$167.95	
Big Block 383/400/426/440			
#7100	Mopar Performance OEM replacement for Iron Heads	\$65.95	
#7184	ARP Hex Head Bolts for OEM Iron or Edelbrock RPM Heads	\$85.95	
#7186	ARP 12 pt Head Bolts for OEM Iron or Edelbrock RPM Heads	\$77.95	
#7188	ARP Hex Head Bolts for Edelbrock Victor or Pro Comp Heads	\$89.95	
#7312	ARP Hex Head, Studs for OEM Iron or Edelbrock RPM Heads	\$169.95	
#7314	ARP 12 pt Head, Studs for OEM Iron or Edelbrock RPM Heads	\$203.95	
#7326	ARP Hex Head, Studs for Edelbrock Victor or Pro Comp Heads	\$163.95	

COMPLETE ENGINE FASTENER KITS FROM ARP

Hex Black Oxide	12 Pt Black Oxide	Hex Stainless	12 Pt Stainless
318-340-360	#7334/\$149.95	#7336/\$149.95	#7338/\$192.00
383-400-440	#7342/\$142.00	#7344/\$142.00	#7346/\$182.00
			#7348/\$182.95

MAIN BEARING STUD GIRDLE KITS

Never worry about the bottom end holding together again! Adding our new girdle kit to your Mopar will greatly increase its strength. Illustrated instructions are included.

5.2L Magnum, 318 & 340 "LA" Engines	#7384K/\$279.00
5.9L Magnum & 360 "LA" Engines	#7382K/\$279.00
All Big Blocks except Hemi	#7380K/\$329.00

ARP MAIN CAP BOLTS & STUDS

Small Block	Big Block
Bolts #7352/\$37.95	#7352/\$37.95
Studs #7400/\$64.00 (with windage tray use #7404)/\$89.95	#7406/\$67.95

ROCKER ARM HOLD DOWN KITS

#7440 Small Block "LA"	\$85.00
#7442 Big Block	\$85.00

MELTING OILING SYSTEM

Melling Oil Pumps			
Small Block	Standard Volume	High Volume	
Big Block	#6602/\$31.95	#6605/\$62.00	
	#6610/\$62.95	#6612/\$72.95	

OIL FILTERS FITS SMALL BLOCK & BIG BLOCK

#11050	Jomar 100% NO-Bypass design protects engine from debris resulting from components failure. 5.50" Long	\$14.00 ea.
#HP-2004	K&N Performance Gold® Oil Filter 4.00" Long	\$10.95 ea.
#20-253	Royal Purple 100% Synthetic micro-glass media 3.50"	\$14.95

MISCELLANEOUS OIL SYSTEM PRODUCTS

#21550	Milodon Externally Adjustable Oil Pressure Regulator	\$46.00
#6940	Oil Slinger	\$ 9.25
#6960	Dipstick Quick Disconnect	\$ 6.00
#7604	Standard Magnetic Drain Plug 1/2"-20	\$ 4.50
#7606	Super Strong Rare Earth Magnetic Drain Plug 1/2"-20	\$13.95

OIL PUMP DRIVE SHAFTS

Small Block	Steel Gear Pinned to Shaft with Hardened Tip	Bronze Gear Pinned to Shaft with Hardened Tip
Big Block	#6204/\$64.95	#6206/\$214.95
	#6210/\$75.00	#6212/\$145.00

OIL PANS

Street & Strip Pans & Pick Ups			
#30760	B/RB Center Sump 5 Qt	\$139.95	
#18660	3/8" Pick up	\$ 39.95	
#18662	1/2" Pick up	\$ 39.95	
#30931	B/RB & Hemi Lo Pro	\$254.95	



ENGINE COMPONENTS, IGNITION PARTS & MORE

VALVE COVERS

- SMALL BLOCK**
- #4495 Chrome Stamped Steel, Edelbrock Brand \$39.95 pr.
 - #1801 Cast Aluminum Mopar Performance Polished \$159.95 pr.
 - #1802 Cast Aluminum Mopar Performance, Black Wrinkle \$122.95 pr.
 - #1850 Fabricated Aluminum (Clearcoated), ProComp Brand \$99.00 pr.
 - #1850L Fabricated Aluminum Pro Comp (w/Hughes Logo engraved) \$129.00 pr.
 - #1850P Fabricated Aluminum (Polished), ProComp Brand \$165.00 pr.
 - #4031800 Fabricated Aluminum PRW Brand (Silver anodized) \$180.00 pr.
 - #4031807 Fabricated Aluminum PRW Brand (Black anodized) \$180.00 pr.
 - #4031807L Fabricated Aluminum PRW Brand (Black anodized w/Hughes Logo engraved) \$210.00 pr.
- MAGNUM**
- #1805 Cast Aluminum Mopar Performance, Black Wrinkle \$195.00 pr.
 - #1807 Cast Aluminum Mopar Performance, Polished \$239.95 pr.
 - #4036007 Fabricated Aluminum PRW Brand, Black Anodized \$189.95 pr.
 - #4036000 Fabricated Aluminum PRW Brand, Silver Anodized \$189.95 pr.
 - #4036001 Fabricated Aluminum PRW Brand, Polished \$264.95 pr.
- BIG BLOCK**
- #4491 Chrome Stamped Steel, Edelbrock Brand \$47.95 pr.
 - #1855 Fabricated Aluminum (Clearcoated), ProComp Brand \$99.00 pr.
 - #1855L Fabricated Aluminum, Pro Comp (w/Hughes Logo engraved) \$129.00 pr.
 - #1855P Fabricated Aluminum (Polished), ProComp Brand \$165.00 pr.
 - #4044000 Fabricated Aluminum PRW Brand, (Silver anodized) \$190.00 pr.
 - #4044007 Fabricated Aluminum PRW Brand, (Black anodized) \$190.00 pr.
 - #4044007L Fabricated Aluminum, PRW Brand (Black anodized w/Hughes Logo engraved) \$220.00 pr.
 - #1804 Cast Aluminum Mopar Performance, Black Wrinkle \$125.00 pr.
 - #1809 As-Cast Aluminum Mopar Performance \$125.00 pr.
 - #1808 Cast Aluminum Mopar Performance, Polished \$169.95 pr.
 - #440-V2-8 Cast Aluminum, INDY \$169.00 pr.
 - #440-V2-7 Cast Aluminum, INDY (w/Indy Logo) \$169.00 pr.
 - #1818 Cast Aluminum, INDY (w/Hughes Logo) \$195.00 pr.

DAMPERS

- SMALL BLOCK "LA"**
- #24277 Non-SFI Internal Balance, Pro/Street \$119.00
 - #61278 Non-SFI External Balance, Pro/Race \$359.00
 - #64196 SFI Approved Internal Balance, PRW \$134.95
 - #64277 SFI Approved Internal Balance, Pro/Race \$310.00
- MAGNUM**
- #64229 OEM Replacement Internal Balance \$109.95
 - #64230 OEM Replacement External Balance \$149.95
 - #24277 Non-SFI Internal Balance, Pro/Street \$119.00
 - #61278 Non-SFI External Balance, Pro/Race \$359.00
 - #64196 SFI Approved Internal Balance, PRW \$134.95
 - #64277 SFI Approved Internal Balance, Pro/Race \$310.00
- BIG BLOCK**
- #24279 Non SFI Internal Balance, Pro Street \$129.00
 - #64183 Non SFI Internal Balance, BHJ \$204.00
 - #64190 SFI Approved Internal Balanced Polished, PRW \$129.95
 - #64192 SFI Approved Internal Balanced Black, PRW \$119.50
 - #64279 SFI Approved Internal Balanced Pro/Race \$310.00

RACE PREPPED KIT BLOCKS

- SMALL BLOCK** \$1866.00
- BIG BLOCK** \$1839.00

Fully Machined Ready To Assemble Block. This is based on a customer supplied Block.

These are exactly the same modifications and preparations we do to all of the engines we build in-house.

HERE ARE THE DETAILS:

- We give the block a good visual inspection for obvious damage or reasons for rejection.
- Strip and hot tank: The block is stripped of all removable parts, soaked and jet spray cleaned.
- Magnaflux®: The entire block is checked for cracks with magnetic particle inspection.
- Sonic thickness test: Each cylinder wall is tested for thickness, offset and condition. A graphic report is provided to the customer when the block is shipped.
- Pressure test: The cooling system is pressure tested for leaks, porosity, etc. The block can leak without being cracked. If it does, we'll find it!
- De-Burr block: All rough edges and casting seams are ground down to remove stress risers and eliminate casting flash.
- Tap all threaded holes: Chase all threads and check for proper depth and condition. Repair as required.
- Oil system modifications: The oil system is blueprinted and modified to be suitable for at least a 600HP Small Block or a 750HP Big Block. NOTE: An optional 1/2" (Hemi) pick up can be added to the Big Blocks.
- Square Deck Block: The block is square decked true to the main bores with a BHJ Bloc-Tru® fixture. All corners of the block will be within 0.002". As an option you can even order a specific block height. Along with the square decking we also chamfer all of the bolt holes and install new cylinder head dowel pins.
- Align hone mains: The main bores are align honed for accurate size and alignment. We chamfer the parting lines to keep from peeling the back of the main bearings during installation.
- Bore and hone: The cylinders are bored in square alignment with the main bore and honed to size with a BHJ® race stress plate. The main caps are torqued in place during the honing procedure.
- Final hone: We final hone the block with a soft hone. This is a special, plateau finish on the cylinder walls for quicker & longer ring sealing. No ring break-in is necessary.
- Notch top of the cylinders: For increased air flow (Big Block only)
- Broach lifter bores: A special sizing ball broach is forced through the lifter bores for proper sizing, shape & clearance. This helps insure proper lifter rotation & cam lobe life
- Hand wash block: The block is jet spray cleaned, final hand washed and power-rinsed with very, very hot and clean water.
- Install cam bearings: The cam bearings are properly modified as required & installed. They are also properly located & sized for smooth, free camshaft rotation. Two fingers will turn the cams when they leave our shop.
- Remove & replace lower shaft bushing: Install & broach to size the lower shaft bushing. Your local shop doesn't even know this needs to be done, let alone how to do it!
- Install freeze plugs: All freeze plugs and oil passage plugs are located and sealed. Does your local shop know about the two hidden plugs in the small blocks?
- Degaussing: This is the process of checking for & removing magnetism from the block. Ask a good Chevy shop about this one.
- Parts: Included in these kits are cam bearings, brass freeze & oil passage plugs, lower shaft bushing, & cylinder head dowel pins.
- Advice: All you need is a torque wrench. If you have any questions during your assembly using our race prepped kit block help will only be a phone call away. Our expertise and experience in building Mopars is at your disposal. We build a lot of engines over the phone.

SHORT BLOCKS

Stroker Short Blocks available, starting as low as \$4175.00, for the following engines:
 Small Block 318-340-360
 Small Block Magnum 5.2L & 5.9L
 Modern 5.7 & 6.1 Hemi
 383/400 & 440 Big Blocks

All Hughes Engines short block assemblies are machined and assembled in-house by our trained technicians. Each short block receives all of the work listed in our kit block section as well as being internally race balanced and assembled. Popular options include:
 Installing and degreasing in camshaft
 Installing Oil pump, pick up and pan
 Installing main bearing stud girdle kit
 Upgrade Big Block Oiling System to Hemi style (1/2") Pick up

IGNITION PRODUCTS

- COILS (LA, B/RB)**
- MSD BLASTER 2 COILS**
- | | | | |
|---------------|---------------|---------------|----------------|
| Chrome | Red | Red w/Ballast | High Vibration |
| #8200/\$43.95 | #8202/\$37.95 | #8203/\$43.95 | #8222/\$47.95 |
- MSD MISCELLANEOUS COILS (LA, B/RB)**
- | | | | |
|----------------|---------------|----------------|------------------------|
| Pro Power | Blaster SS | 10 Plus | Blaster 3 w/Tall Tower |
| #8201/\$107.95 | #8207/\$42.95 | #8208/\$242.95 | #8223/\$42.95 |
- MSD HVC COILS (LA, B, RB)**
- | | | | |
|----------------|----------------|----------------|----------------|
| HVC | ProPower | Blaster | Blaster 2 |
| #8250/\$124.95 | #8251/\$126.95 | #8252/\$124.95 | #8253/\$179.95 |
- MAGNUM 3.9/5.2/5.9 (92-03)**
- Both Fit 97 & Older-98 & Newer / Need Accell Harness #22046
 - #8228 MSD \$46.95
 - #140021 ACCEL \$48.95
 - #22046 ADAPTER - Used to adapt both coils to 98 and Newer Magnum Trucks \$24.00

MSD IGNITION CONTROL MODULES

- #5520 Street Fire CD Perfect for budget minded enthusiasts \$134.95
- #6200 "6A" Base Model Capacitive Discharge Multiple Spark Design \$171.95
- #6425 "6AL" Same as #6200 only with Soft Touch Rev Control, higher output \$214.95
- #6421 "6AL-2" Higher output / 2-step Rev Limiter \$251.95
- #6400 "6T" Great for Oval Track! Extra Internal Bracing \$189.95
- #6401 "6TN/6ALN" Compacitive Discharge, Universal Points/Electric Circle Track/NASCAR, 6TN, Analog \$213.50
- #6460 "6M-2" CD Marine Ignition \$259.95
- #6462 "6 Series" Retard the ignition timing 1 degree-3 degrees per pound of boost, maximum of 15 degrees, with dash mounted adjustable control knob. \$374.95
- #6470 "6 Off-Road" Potted w/ an epoxy compound creating a water and vibration resistant ignition, this box is made to battle the harsh off-road elements. \$239.95

WATER PUMPS & HOUSINGS

- #1836 Small Block "LA" Engines \$65.00
- #1836P Small Block "LA" Polished \$75.00
- #1836L Small Block Magnum 3.9/5.2/5.9 (92-03) Engines \$79.95
- #1830 Big Block Pump & Housing \$129.95
- #1830P Big Block Pump & Housing Polished \$235.00
- #1832 Big Block Pump Only \$54.95
- #1834 Big Block Housing Only \$75.00
- #66219 Big Block Electric Pump Only \$225.00

WE OFFER A FULL LINE OF EXHAUST HEADERS AND COMPONENTS FROM TTI.

COMPLETE ENGINES

Complete Stroker Long Blocks available starting at \$9500.00, for the following engines:
 • Small Block 318-340-360
 • Small Block Magnum 5.2L & 5.9L
 • Modern 5.7 & 6.1 Hemi
 • 383/400 & 440 Big Blocks

Here at Hughes Engines each block receives all of our Kit Block Prep work as well assembly & start up by our in-house trained technicians. We do not build "crate" engines. Each of our engines are custom built to your specs for your particular application. Each engine starts with us getting to know you and you and your expectations. From there, we will work with you to build an engine that will meet your goals & your budget. Call Today!

SPARK PLUGS FROM NGK

Available in various Heat ranges Only \$2.99 each

MISCELLANEOUS IGNITION PARTS

#22041	Distributor Lock Collar	\$5.95
#22080	Universal Knock Controller	\$595.00
#6218	Bronze Distributor Gear	\$34.95

POWERMASTER MINI-STARTERS

- #9613 180 ft/lb torque with a 4.4:1 ratio to fire up engines with as high as 12:1 compression \$179.95
- #9513 200 ft/lb torque with a 4.4:1 ratio to fire up engines with as high as 18:1 compression \$224.95

MSD PLUG WIRES (P/N shown is red in color)

Stock Dist Cap	MSD Ignition Box	Stock Dist Cap
Super Conductor	Super Conductor	Street Fire
8mm	8mm	8mm
SMALL BLOCK "LA" #31199 \$87.95	#32749 \$84.95	#5530 \$36.95
BIG BLOCK #31199 \$87.95	#32739 \$96.95	#5531 \$36.95

ACCEL MAGNUM 3.9/5.2/5.9L TUNE UP KITS

- All kits include:
 Spark Plugs, 8mm Spark Plug Wires, Cap & Motor. MSD Wires, NGK Plugs, Accel Cap & Rotor
- 3.9L V6 Magnum (92-03) #22056/\$79.95
 - 5.2L/5.9L Magnum (92-98) #22047/\$119.00
 - 5.2L/5.9L Magnum (99-03) #22048/\$115.00
- Fits all 92-03 \$79.95

HUGE SELECTION OF PLUG WIRE BRACKETS, SEPARATORS AND I.D. TAGS!

MSD DISTRIBUTORS

"BILLET"

CNC-machined Billet Aluminum Housing and Dupont Rynite Base.

- Maintenance-free magnetic pickup and precision reluctor create stable trigger signals throughout the rpm range
- Polished steel shaft is QPQ coated and guided by two sealed ball bearings
- Advance plate and weights are fine blanked from chrome moly steel and QPQ coated for friction reduction
- Mechanical advance assembly can be locked out for crank trigger systems
- Advance weight pins are staked and tig welded to the plate
- Nylon pads ensure smooth operation of the advance weights
- Supplied with an HEI style distributor cap and rotor (accepts Cap-A-Dapts)
- Must be used with an MSD Ignition Control
- No CARB Exemption Order Number

"READY-TO-RUN"

- Simple & clean installation with only three wires to connect
- Powerful built-in module produces a 7.5 amp single spark through high rpm
- Easy-to-adjust mechanical advance with supplied springs and stop bushings
- Vacuum advance canister for improved economy (can be locked out)
- CNC machined billet aluminum housing and billet aluminum base
- Maintenance-free magnetic pickup and precision reluctor create stable trigger signals throughout the rpm range
- Polished steel shaft is QPQ coated & guided by sealed ball bearings
- Advance plate and weights are fine blanked from chrome moly steel and QPQ coated for friction reduction
- Mechanical advance assembly can be locked out for crank trigger systems

- Advance weight pins are staked and tig welded to the plate
- Nylon pads ensure smooth operation of the advance weights
- Supplied with a HEI style distributor cap and rotor (accepts Cap-A-Dapts)
- Does not require an MSD Ignition Control
- CARB E.O. Approved
- Now includes built-in Rev Limiter

"DIGITAL E-CURVE"

- Digitally controlled, stand-alone distributor.
- Adjustable electronic advance with vacuum advance.
- Select up to 100 different curves through two rotary dials.
- High output ignition module for a powerful spark.
- Set a rev limit to protect your engine

"PRO-BILLET"

- Smaller diameter CNC-machined Billet Aluminum Housing and Billet Aluminum Base clears Aftermarket Heads and Valve Covers.
- Easy-to-adjust mechanical advance with supplied springs & stop bushings
- Maintenance-free magnetic pickup & precision reluctor create stable trigger signals throughout the rpm range
- Polished steel shaft is QPQ coated and guided by 2 sealed ball bearings
- Advance plate and weights are fine blanked from chrome moly steel and QPQ coated for friction reduction
- Mechanical advance assembly can be locked out for crank trigger systems
- Advance weight pins are staked and tig welded to the plate
- Nylon pads ensure smooth operation of the advance weights
- Supplied with small diameter cap with HEI style terminals and race rotor (will accept 8441 Cap-A-Dapt)
- Must be used with an MSD Ignition Control
- No CARB Exemption Order Number

	Billet	Ready-to-Run	Digital E-Curve	Pro-Billet
Small Block "LA"	#8534 \$204.95	#8388 \$356.95	#8504 \$376.95	
Big Block "B" (Low Deck)	#8545 \$266.95	#8386 \$379.95		#8545 \$266.95
Big Block "RB" (Raised Deck)	#8546 \$266.95	#8387 \$379.95		#8546 \$266.95