

Camshaft Accessories



ADVANCE & RETARD CAMSHAFT BUSHINGS

Using Crower camshaft bushings is the easy way to "tune" your camshaft timing. You'll receive five advance or retard bushings that are individually stamped to display amounts advance/retard in cam degrees (0°, 1°, 2°, 3°, 4°). Features a shouldered lip that retains the bushing and eliminates fallout.

Part No.	Description
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72000	CHEVROLET 0° (1 only)
72001	CHEVROLET 1° (1 only)
72002	CHEVROLET 2° (1 only)
72003	CHEVROLET 3° (1 only)
72004	CHEVROLET 4° (1 only)
72005	CHEVROLET BUSHING KIT 0°-4°(set/5)
72011	FORD 289-460 V8 (set/4 - 1° not included)

Note: Ford kits come with special dowel pin.



LIGHTWEIGHT FUEL PUMP PUSHROD

The Crower fuel pump pushrod is manufactured from lightweight steel tubing that is heat-treated for added strength. The bronze tip insures proper surface mating with the fuel pump eccentric lobe on 8620 steel billet camshafts. This surface compatibility eliminates the wear problems associated with stock designs. For cast iron hydraulic and solid cams we offer a lightweight model with a steel tip at each end to protect against wear.

Part No.	Description
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76200	CHEVROLET 262-454 V8 (8620 steel cams)
76201	CHEVROLET 262-454 V8 (cast iron cams)
76202	CHEVROLET 90° V6 (8620 steel billet cams)



CAM THRUST PLUGS

Roller cam lobes are ground flat, without the taper found in hydraulic and solid lobes. The cam thrust plug sits between the front of the timing gear and the back of the front cover and prevents forward cam travel and ignition flutter in roller grinds.

Available in choice of two styles: phenolic (non-galling material) or fully rollerized for reduced friction.

Part No.	Description	Style
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86085	CHEVROLET 262-400 V8	Solid
86086	CHEVROLET 396-454 V8	Solid
86087	MOPAR 426 Hemi V8	Solid
86089	CHEVROLET 262-400 V8	Rollerized
86090	CHEVROLET 396-454 V8	Rollerized
86091	MOPAR "B"	Rollerized
86099	CHEVROLET 262-400 (Late Model)	



ULTRA-LOCK CAMSHAFT BOLTS

Crower ultra-lock cam bolts are special "grade 8" tempered steel aircraft bolts that feature nylock inserts for positive holding. Their unique design eliminates the possibility of loose bolts in both the sprockets and the gears.

Part No.	Description
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86060-3	CHEVROLET V8 5/16 (set/3)
86059-3	VW - Air Cooled (set/3)



CAM GEAR & BLOCK PROTECTOR KIT

Friction reducing needle bearing design eliminates the cam gear from scuffing or galling your block face.

Back of cam timing gear must be machined. Machining specs included.

See Timing Gear Kits for pre-machined, race-ready applications.

Part No.	Description
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76400	CHEVROLET 90° V6 & 262-400 V8
76401	CHEVROLET 396-454 V8
76410	CHEVROLET V8 Captive Assembly (Oversize)

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CLOYES TIMING GEAR SETS

Crower offers Cloyes Timing Chains. The high performance Cloyes True roller chain is intended for high performance racing applications. Comes with three position bottom crank sprocket keyway and extra tough billet steel gears.

CLOYES TRUE ROLLER

Part No.	Description
76555	AMC 4 cyl (2.5L), 6 cyl (4.0L)
76551	AMC 290-401 V8
76569	BUICK 181, 196, 252 V6 w/integral D-gear
76567	BUICK 198, 225, 231 V6 w/o gear and V8
76501	CHEVROLET 262-400 V8 and 90° V6
76504	CHEVROLET LT1 V8 '94-'97
76505	CHEVROLET LT4 V8 1996
76513	CHEVROLET 262-400 V8 1985-up
76511	CHEVROLET 396-454 V8 1965-up
76523	FORD 221-289, 302, 351W V8 '62-'84
76531	FORD 351C, 351M, 400 V8 '70-'82
76525	FORD 332-428 V8 '64-'74
76533	FORD 429-460 V8 '68-'71
76535	FORD 429-460 V8 '72-up
76541	MOPAR 273 318 392 V8 Magnum
76543	MOPAR 361, 440, 426 "B" V8 (1 bolt)
76545	MOPAR 350,361,383,400,413,426-H,440
76561	OLDSMOBILE 260-455 V8 '64-'83
76565	PONTIAC 287-455 V8
76567	ROVER 215 (3.5L) V8
86061	VW Cam Gear - Air Cooled



CLOYES HEX-A-JUST TIMING GEAR SETS

Crower offers Cloyes patented timing adjustment system for precise installation without machining or fumbling with a variety of offset bushings. Simply dial in the timing and lock the gear in place.

Part No.	Description
76801	CHEVROLET 262-400 V8 and 90° V6
76813	CHEVROLET 262-400 V8 '85-up
76806	CHEVROLET 262-400 "Rocket"
76813	CHEVROLET 262-400 (LT1) V8 & V6
76802	CHEVROLET LS1 V8 1998-UP
76811	CHEVROLET 396-454 V8 '65-up
76827	FORD 221-289, 351W V8 '62-'84 and 302 5.0L
76831	FORD 351C, 351M, 400 V8 '70-'82
76825	FORD 352-428 "FE" '64-'74
76833	FORD 429-460 V8 '68-up
76845	MOPAR 350-426W, Hemi V8 (w/3 bolt cam)
76847	DODGE Viper V10 '95-up
76861	OLDSMOBILE 260F-455 V8 '65-'83

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CLOYES TIMING GEAR KITS

Includes rollerized cam thrust plug, rollerized cam gear and block protector kit, advance and retard camshaft bushings and specially machined Cloyes True timing chain set. The ultimate setup for precision cam timing and block protection.

Part No.	Description
76501K	CHEVROLET 200-229 90° V6
76501K	CHEVROLET 262-400 V8
76511K	CHEVROLET 396-454 V8



PRECISION CAMSHAFT GEAR DRIVES

Made from lightweight aluminum alloy, the Shaver-Wesmar gear drive is designed to provide accurate, consistent cam timing under the toughest racing conditions. Features gears precision cut from 8620 steel with 20° pressure angle, a crack resistant steel idler gear support, Torrington bearings and a tough black oxide finish. Quick and easy installation without any machine work required. The absolute highest quality available. Fully adjustable.

Part No.	Description
76600	CHEVROLET 262-400 V8

Note: Fits most small block Chevrolet applications. Call for details.

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DEGREE WHEEL

This easy to use tool is a must for determining proper valve timing when installing your camshaft. The 7" black faced wheel is made from lightweight aluminum with bright numerals and graduation lines for maximum accuracy and readability. 7/16 mounting hole in center. Includes degreasing instructions.

Part No.	Description
87600	Degree Wheel and Instructions



PROFESSIONAL DEGREE WHEEL

Crowder's new professional degree wheel features a large 11" diameter surface made from rugged .040" gauge aluminum. The unique, easy to read surface was designed by engine builders for engine builders.

Part No.	Description
87602	Degree Wheel and Instructions



DEGREE KIT

Crowder's degreasing kit contains all the components necessary for achieving optimum valve timing when installing your cam. Our kit includes a 7" degree wheel with 7/16 mounting hole, pointer, 1" travel dial indicator, indicator stand, magnetic base, TDC bolt stop and checking springs.

Part No.	Description
87601	Degree Wheel Kit and Instructions



ASSEMBLY PRELUBE

Crowder's assembly pre-lube is formulated especially for prelubrication of cam lobes and lifter surfaces (hydraulic and solid) prior to engine oil circulation. The petroleum based compound increases the load carrying capacity of the engine oil during break-in to prevent scuffing and galling. Includes special additives that withstand the extreme pressures exerted on cams and lifters. Also recommended for use on valve stems, rocker arms and pushrod tips.



DISTRIBUTOR GEARS

Made from premium aluminum bronze alloy, these precision machined gears are highly recommended for performance cam applications and are mandatory when running 8620 steel billet roller camshafts.

Part No.	Description	Shaft Dia.
76000	CHEVROLET V8 & 90° V6 (Accel BE1)	.491"
76001	CHEVROLET V8 & 90° V6	.500"
76003	CHEVROLET V8 & 90° V6 (Accel)	.500"
76002	CHEVROLET V8 & 90° V6	.427"
76005	CHEVROLET V6 & 60°	.427"
76006	CHEVY II & CHEVY 4 & 6 cyl.	.491"
76010	DONOVAN V8	.484"
76013	FORD 351C-400, Boss 351, 429-460	.530"
76014	FORD 289-302 & Boss 302 V8	.500"
76015	FORD SVO 302-351W V8	.530"
76016	FORD 351C-400, Boss 351, 429-460	.500"
76017	FORD 352-428 V8	.500"
76018	FORD 289-302 & Boss 302 V8	.467"
76019	FORD 240-300 6 cyl.	.530"
76020	FORD 352-428 V8	.467"
76030	OLDSMOBILE V8	.491"
76040	MOPAR "B", 426 Hemi V8	.484"
76010	MOPAR "LA" V8	.484"
76060	PONTIAC V8	.489"
76006	PONTIAC 4 cyl. 151 (77-78)	.491"
76062	PONTIAC 4 cyl. 151 (79-85)	.491"
76063	PONTIAC 4 cyl. 151 (86-89)	.500"
76100	CHEVROLET V8 Reverse Rotation	.491"

Warning: If 8620 steel billet cam core, bronze gear is mandatory. If cast iron cam or cast iron gear, Crowder recommends factory gear.

Crowder does not recommend high volume oil pumps when running aluminum/bronze distributor gears.

Part No.	Description
86093	Cam & Lifter Prelube (1 oz.)
86094	Cam & Lifter Prelube (8 oz.)
86095	Cam & Lifter Prelube (16 oz.)