

## HYDRAULIC CAMSHAFTS

Non Roller 1967-up

260 307 (5.0L) 350 (5.7L) 400 403 425 455 (39° bank angle)

Note: These cams use .000" intake and exhaust valve lash.

**X-TREME MILEAGE CAMS AVAILABLE!**

**CONTACT CROWER TECHNICIANS FOR MORE INFO.**

Description	C.I.D. Group	Part Number	Grind Lobe Center	Advertised Duration		Duration @ .050"		Gross Lift 1.6 / 1.6		Rec Kit
				Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	
<b>BAJA BEAST / PERFORMANCE LEVEL 2</b> - Low to mid-range torque for daily drivability. Economical price. RPM Power Range: 1500 to 4250 / Redline: 5500 plus.	260 350	<b>56915</b>	280H 112°	280°	289°	204°	214°	.450"	.474"	<b>84057</b>
<b>POWER BEAST / PERFORMANCE LEVEL 3</b> - Delivers impressive mid-range and top end power. Healthy sound. Economical price. RPM Power Range: 1750 to 4500 / Redline: 5750 plus.	350 425	<b>56903</b>	289H 112°	289°	300°	214°	224°	.474"	.498"	<b>84057</b>
<b>ULTRA BEAST / PERFORMANCE LEVEL 4</b> - Upper mid-range to top end power. Emphasis on top end. RPM Power Range: 2000 to 4800 / Redline: 6200 plus.	455 cid	<b>56919</b>	304H 112°	304°	316°	234°	244°	.520"	.542"	<b>84057</b>
<b>MILEAGE COMPU-PRO / Performance Level 1</b> - These cams are designed to enhance throttle response and low-end torque in vans, trucks and passenger cars while delivering fuel efficient motoring. High vacuum and smooth idle are characteristic of these profiles. Stock or small cfm carburetor, small diameter tube headers, dual exhaust, and ignition rework are recommended for maximum benefit. RPM Power Range: Idle to 3500-3700 / Redline: 4500 plus.	400 403	<b>56258</b>	250HDP 112°	250°	258°	192°	196°	.429"	.445"	<b>84057</b>
	425 cid	<b>56260</b>	260HDP 112°	260°	266°	203°	211°	.448"	.450"	<b>84057</b>
<b>POWER COMPU-PRO / Performance Level 2</b> - These cams provide excellent low end and mid-range power and extended rpm range for spirited street and offroad driving. A perfect combination of mileage and power. Modifications should include small diameter tube headers, low restriction dual exhaust, aftermarket manifold, increased cfm carburetor and reworked or performance ignition. Increase in compression ratio to 9.5:1 is recommended for maximum output. Works well with automatic transmission or 4-speed. RPM Power Range: 1300-1500 to 4000-4200 / Redline: 5500 plus.	260 cid	<b>56258</b>	250HDP 112°	250°	258°	192°	196°	.429"	.445"	<b>84057</b>
	350 cid	<b>56260</b>	260HDP 112°	260°	266°	203°	211°	.448"	.450"	<b>84057</b>
	400 425	<b>56261</b>	270HDP 112°	270°	276°	210°	219°	.451"	.474"	<b>84057</b>
	455 cid	<b>56262</b>	276HDP 112°	276°	281°	215°	221°	.488"	.494"	<b>84057</b>
<b>HIGH PERFORMANCE COMPU-PRO / Performance Level 3</b> - Intended for the performance oriented hot street application. These cams offer an extended rpm range with emphasis on upper bottom to top end power (strong mid-range). Performance gears, headers, dual exhaust, larger than stock cfm carburetor, performance manifold and increased compression (9.5:1 to 10.5:1) are required. Works well with automatic transmission if matched with proper ring and pinion gears and/or high stall converter. RPM Power Range: 1600-1800 to 4500-4800 / Redline: 6000 plus.	260 cid	<b>56261</b>	270HDP 112°	270°	276°	210°	219°	.451"	.474"	<b>84057</b>
	350 cid	<b>56262</b>	276HDP 112°	276°	281°	215°	221°	.488"	.494"	<b>84057</b>
	400 425	<b>56263</b>	280HDP 112°	280°	286°	220°	227°	.485"	.496"	<b>84057</b>
	455 cid	<b>56264</b>	284HDP 112°	284°	290°	229°	236°	.520"	.528"	<b>84057</b>
<b>ULTRA-PERFORMANCE COMPU-PRO / Performance Level 4</b> - The following grinds are best suited for dual purpose hot street/drag strip situations. These cams exhibit strong mid-range and top end torque and horsepower. Headers, dual exhaust, larger cfm carburetor, performance ignition and 11:1 compression are a must. Cylinder head modifications would be beneficial. Use with standard transmission or automatic with high stall converter. Low gearing a must. RPM Power Range: 2000-2200 to 6000-6200 / Redline: 6500	260 cid	<b>56263</b>	280HDP 112°	280°	286°	220°	227°	.485"	.496"	<b>84157</b>
	350 cid	<b>56264</b>	284HDP 112°	284°	290°	229°	236°	.520"	.528"	<b>84157</b>
	400 425	<b>56265</b>	297HDP 112°	297°	308°	237°	240°	.538"	.533"	<b>84157</b>
	455 cid	<b>56266</b>	311HDP 112°	311°	316°	247°	251°	.546"	.557"	<b>84157</b>

**Engineered Component Kit & Accessories refer to the following page for specs or contact CROWER for more Info.**

## HYDRAULIC CAMSHAFTS (continued)

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Note: These cams use .000" intake and exhaust valve lash.

**X-TREME MILEAGE CAMS AVAILABLE!**

CONTACT CROWER TECHNICIANS FOR MORE INFO.

Description	C.I.D. Group	Part Number	Grind Lobe Center	Advertised Duration		Duration @ .050"		Gross Lift 1.6 / 1.6		Rec Kit
				Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	
<b>HI-DRAULIC HAULER / PERFORMANCE LEVEL 3</b> - Lope at idle. Hot street/strip cam with strong mid-range power RPM Power Range: 2500 to 6500	400 cid	<b>56270</b>	284HDP 108°	288°	298°	228°	238°	.464"	.482"	<b>84157</b>
<b>HI-DRAULIC HAULER / PERFORMANCE LEVEL 4</b> - Rough idle. Explosive mid-range power and torque. RPM Power Range: 3000 to 6500	400 cid	<b>56271</b>	296HDP 108°	296°	304°	229°	241°	.505"	.532"	<b>84157</b>
<b>HI-DRAULIC HAULER / PERFORMANCE LEVEL 4</b> - Rough idle. Violent mid-range acceleration. RPM Power Range: 3500 to 6500	400 cid	<b>56272</b>	304HDP 108°	304°	312°	244°	249°	.540"	.568"	<b>84157</b>
<b>CUSTOM GROUND HYDRAULIC</b> - Special order hydraulic lifter camshaft ground to your specifications. Call our technical support staff for personalized camshaft assistance.	All cid	<b>00001</b>	<i>Refer to page 7 for camshaft recommendation form</i>						<b>See Below</b>	

## SOLID CAMSHAFTS

Note: These cams use .022" intake, .024" exhaust valve lash.

Description	C.I.D. Group	Part Number	Grind Lobe Center	Advertised Duration		Duration @ .050"		Gross Lift 1.6 / 1.6		Rec Kit
				Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	
<b>COMPU-PRO / PERFORMANCE LEVEL 3</b> - High revving, super mid to top end power. RPM Power Range: 3000 to 7000 plus.	400 455	<b>56360</b>	274FDP 110°	274°	278°	238°	242°	.526"	.539"	<b>84357</b>
<b>COMPU-PRO / PERFORMANCE LEVEL 4</b> - Super torque with explosive mid-range power. RPM Power Range: 3500 to 7500 plus.	400 455	<b>56361</b>	284FDP 108°	284°	290°	248°	255°	.552"	.568"	<b>84357</b>
<b>COMPU-PRO / PERFORMANCE LEVEL 5</b> - Upper mid-range and top end profile for added power above 7000 rpm. RPM Power Range: 4000 to 8000 plus.	400 455	<b>56362</b>	300FDP 108°	300°	308°	260	268°	.584"	.601"	<b>84357</b>
<b>CUSTOM GROUND SOLID</b> - Special order solid lifter camshaft ground to your specifications. Call our technical support staff for personalized camshaft assistance.	All cid	<b>00000</b>	<i>Refer to page 7 for camshaft recommendation form</i>						<b>84357</b>	
<b>CUSTOM GROUND ROLLER</b> - Special order roller lifter camshaft ground to your specifications. Call our technical support staff for personalized camshaft assistance.	All cid	<b>00003 or 00006</b>	<i>Refer to page 7 for camshaft recommendation form</i>						<b>Call Crower</b>	

## ENGINEERED COMPONENT KITS

Part No.	Lifters	Springs	Retainers	Seals	Remarks
<b>84057</b>	66056-16	68305X1-16	87048-16		Hydraulic Lifter. 6000 plus rpm.
<b>84157</b>	66056-16	68405-16	87048-16	86072-16	Hydraulic Lifter. 6500 rpm.
<b>84357</b>	66962-16	68405-16	87048-16	86072-16	Solid Lifter. 7500 plus rpm.

Spring pressure:

68305X1-16 Seat: 1.700" @ 68 lbs / Nose: 1.200" @ 250 lbs / Coil bind: 1.050" (Stock O.D., no machine work).

68405-16 Seat: 1.700" @ 110 lbs / Nose: 1.100" @ 338 lbs / Coil bind: 0.980" (Machine work, use cutter 68983\*).

\* Machine work required, specify 11/32 pilot shaft when ordering.

**Note:** For lifts over .480" pushrods 70049-16 or 70050-16 are required. All solid lifter profiles require adjustable pushrods.

Non-adjustable pushrods can be used if you have proper lifter preload (.050" off snap-ring). Custom length pushrods are available from Crower to achieve proper lifter preload. Customer must furnish accurate pushrod length. In order to assist in proper preload measurement, Crower offers an adjustable checking pushrod.

**Note:** 1964-66 Oldsmobile blocks require 45° cam cores and cannot be interchanged with late model (39°) cam cores. Early model 45° camshafts are available on a special order basis. Customer must furnish lifter bore diameter when ordering.

Valve timing events are available online at: [www.crower.com/valvtime.html](http://www.crower.com/valvtime.html)

For severe duty applications, Crower offers a high-lube "CamSaver" lifter that channels more oil to the cam lobe and lifter surface. **Specify X3 after corresponding component kit.**

For severe duty applications, Crower recommends using our solid lifter with the added "coolface oiling option". **Specify X980 after corresponding component kit.**

## ACCESSORIES

Part No.	Description
<b>See pg. 180</b>	Spring seat cutter
<b>Pg's. 146-149</b>	Pushrods
<b>See pg. 138</b>	Timing gear set
<b>Pg's. 150-165</b>	Rocker arms (1.6) 7/16

**Note:** If exceeding 7500 rpm, high pressure springs and titanium retainers may be required. See specs or contact Crower.

**Note:** If using longer than stock valves you may require spring and retainer modifications. See specs or contact Crower.

**Note:** If making valve train adjustable with rockers, screw-in studs and guide plates are required. Call Crower for details.