

HYDRAULIC FLAT TAPPET

Oldsmobile

Non Roller 1967-up

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

Description	Part Number	C.I.D. Group	Grind	Lobe Sep.	Advertised Duration Intake Exhaust	Duration @ .050" Intake Exhaust	Gross Lift 1.6 / 1.6 Intake Exhaust	Suitable Component Kit
BAJA BEAST / PERFORMANCE LEVEL 2 Low to mid-range torque for daily drivability. Economical price. RPM Power Range: 1500 - 4250 / Redline: 5500+	56915	260 350	280H	112°	280° 289°	204° 214°	.450" .474"	84057
POWER BEAST / PERFORMANCE LEVEL 3 Delivers impressive mid-range and top end power. Healthy sound. Economical price. RPM Power Range: 1750 - 4500 / Redline: 5750+	56903	350 425	289H	112°	289° 300°	214° 224°	.474" .498"	84057
ULTRA BEAST / PERFORMANCE LEVEL 4 Upper mid-range to top end power. Emphasis on top end. RPM Power Range: 2000 - 4800 / Redline: 6200+	56919	455	304H	112°	304° 316°	234° 244°	.520" .542"	84057
POWER COMPU-PRO / Performance Level 2 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+	56262	455	276HDP	112°	276° 281°	215° 221°	.488" .494"	84057
HIGH PERFORMANCE COMPU-PRO / Performance Level 3 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+	56263	400 425	280HDP	112°	280° 286°	220° 227°	.485" .496"	84157
	56264	455	284HDP	112°	284° 290°	229° 236°	.520" .528"	84157
ULTRA-PERFORMANCE COMPU-PRO / Performance Level 4 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	56263	260	280HDP	112°	280° 286°	220° 227°	.485" .496"	84157
	56264	350	284HDP	112°	284° 290°	229° 236°	.520" .528"	84157
	56265	400 425	297HDP	112°	297° 308°	237° 240°	.538" .533"	84157
HI-DRAULIC HAULER / PERFORMANCE LEVEL 3 Lope at idle. Hot street/strip cam with strong mid-range power. RPM Power Range: 2500 - 6500	56270	400	284HDP	108°	288° 298°	228° 238°	.464" .482"	84157
HI-DRAULIC HAULER / PERFORMANCE LEVEL 4 Rough idle. Explosive mid-range power and torque. RPM Power Range: 3000 - 6500	56271	400	296HDP	108°	296° 304°	229° 241°	.505" .532"	84157
HI-DRAULIC HAULER / PERFORMANCE LEVEL 4 Rough idle. Violent mid-range acceleration. RPM Power Range: 3500 - 6500	56272	400	304HD	108°	304° 312°	244° 249°	.540" .568"	84157
CUSTOM GROUND HYDRAULIC Special order hydraulic lifter camshaft ground to your specifications. Call our technical support staff for personalized camshaft assistance.	00156H	ALL CID	Refer to www.crower.com for camshaft recommendation					

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

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

Part numbers no longer listed may be available as custom grinds.
Please contact Crower.

ENGINEERED COMPONENT KITS

Part No.	Lifters	Springs	Retainers	Seals	Remarks
84157	66056-16	68405-16	87048-16	86072-16	Hydraulic Lifter. 6500 rpm.
84157X3	66056X3-16	68405-16	87048-16	86072-16	CamSaver Hydraulic Lifter. 6500 rpm.
84056	66056-16	68100X200-16	87062-16	86072-16	Hydraulic Lifter. 6000 rpm.
84057	66056-16	68305X1-16	87048-16	86072-16	Hydraulic Lifter.

ACCESSORIES

Description	See Page (s)
Camshaft Accessories	Pg's. 117-119

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Description	Part Number	C.I.D. Group	Grind	Lobe Sep.	Advertised Duration Intake Exhaust	Duration @ .050" Intake Exhaust	Gross Lift 1.6 / 1.6 Intake Exhaust	Suitable Component Kit
COMPU-PRO / PERFORMANCE LEVEL 4 Super torque wih explosive mid-range power. RPM Power Range: 3500 - 7500+	56361	400 455	284FDP	108°	284° 290°	248° 255°	.552" .568"	84357
CUSTOM GROUND SOLID Special order solid lifter camshaft ground to your specifications. Call our technical support staff for personalized camshaft assistance.	00156M				<i>Refer to www.crower.com for camshaft recommendation</i>			
CUSTOM GROUND SOLID Special order camshaft using a custom core or 4-7-3-2 firing order or any special configuration. Call our technical support staff for personalized camshaft assistance.					<i>Refer to www.crower.com for camshaft recommendation</i>			Call Crower

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

ENGINEERED COMPONENT KITS

Part No.	Lifters	Springs	Retainers	Seals	Remarks
84357	66963-16	68405-16	87048-16	86072-16	Solid Lifter. 7500 plus rpm.
84357X980	66963X980-16	68405-16	87048-16	86072-16	CoolFace Solid Lifter. 7500 plus rpm.

Spring pressure:

68405-16 Seat: 1.700" @ 110 lbs / Nose: 1.100" @ 338 lbs / Coil bind: 0.980" (Machine work required).

* Machine work required

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

ACCESSORIES

Description	See Page (s)
Rocker Arms	Pg's.134-146
Cranks	Pg's.170-183
Rods	Pg's. 185-206
Accessories	Pg's. 117-119

Crower Recommends ZDDPlus for all Flat Tappet Cams

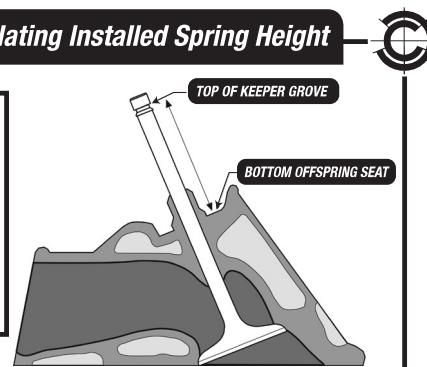
ZDDPlus™ contains 42,700 ppm of phosphorus and 57,300 ppm of zinc. When a 4-ounce bottle of ZDDPlus™ is added to 5 quarts of oil, it is diluted 41:1, which contributes 1047 ppm of phosphorus and 1397ppm of zinc to whatever the oil may or may not already contain.

Part #86092 - 4oz Bottle of ZDDPlus & Paste

Part numbers no longer listed may be available as custom grinds. Please contact Crower.

Diagram 1. Calculating Installed Spring Height

Measure the height from top of keeper groove to bottom of spring seat. Refer to the "height" column of your retainer and add or subtract the amount given from the original overall measurement. *See Page 148*



Note: If heads have been extensively modified (machined spring pockets, longer valves, etc.) contact Crower for proper spring, keeper, cup and retainer recommendations. Have your keeper/seat measurement available.