

# CHEVROLET SMALL BLOCK

**Holden, Chev,283,302,327,350,400 1957-86**

<b>Hydraulic Lifter Camshafts</b>								
<b>PART NO.</b>	<b>VALVE TIMING</b>	<b>ADV. DUR</b>	<b>.050" DUR.</b>	<b>L/C</b>	<b>VALVE LIFT</b>	<b>POWER RANGE</b>	<b>PART KIT</b>	<b>COMMENTS</b>
1613	IN. 16/58 EX.65/19	254 264	194 202	112	.382" .408"	1000 3800	K101	High torque, fuel efficient cam with smooth idle. Excellent for towing. Can be used as std cam.
1631 <sup>1</sup>	IN. 19/61 EX.66/20	260 266	200 208	112	.401" .415"	1200 4200	K102	L.P.Gas cam for good power and fuel economy in standard motor.
1602 <sup>1</sup>	IN. 26/64 EX.66/24	270 270	208 208	110	.420" .420"	1500 4500	K102	Improves throttle response, good highway cam for mild or stock engines.
1666 <sup>1</sup>	IN. 25/65 EX.74/26	270 280	204 214	112	.420" .442"	1700 4700	K102	Increases mid range power, retains good idle and fuel economy.
1892 <sup>1</sup>	IN. 30/70 EX.74/26	280 280	214 214	112	.442" .442"	1800 4800	K103	Designed to give maximum performance and driveability in street modified engines.
1665 <sup>1</sup>	IN. 30/70 EX.79/31	280 290	214 224	112	.440" .465"	1900 4900	K103	High performance street cam for modified motor with improved carburation. Suit mild S/C engine
1651 <sup>1</sup>	IN. 29/73 EX.77/25	282 282	223 223	114	.448" .448"	2200 5000	K103	Fair idle, needs only limited engine modifications.
1801 <sup>1</sup>	IN. 27/73 EX.76/26	280 280	224 224	114	.450" .458"	2500 5500	K103	High performance street cam, requires improved breathing. Ideal turbo cam.
11367 <sup>1</sup>	IN. 31/75 EX.78/35	286 293	224 234	112	.465" .488"	2600 5800	K104 <sup>3</sup>	Broad power range cam suitable for street /race performance. Suit hot S/C engines or NOS
1650 <sup>1</sup>	IN. 34/78 EX.80/32	292 292	230 230	113	.453" .453"	2700 5500	K104 <sup>3</sup>	Medium idle, good mid range power. Needs modified heads and exhaust system.
1622 <sup>1</sup>	IN. 31/69 EX.71/29	280 280	230 230	110	.480" .480"	2800 5600	K104 <sup>3</sup>	Short duration, high lift cam for mid range acceleration. Wide power band.
1672 <sup>1</sup>	IN. 34/66 EX.70/30	280 280	231 231	108	.480" .480"	3000 6000	K104 <sup>3</sup>	Mid range torque cam, needs good heads to perform to maximum. Suit speedway applications
1802 <sup>5</sup>	IN. 39/75 EX.77/37	294 294	246 246	109	.508" .508"	3700 6700	K104 <sup>3</sup>	High lift cam for maximum mid range and top end performance.
1900	Custom ground billet Hydraulic cam using one master.							
1901	Custom ground billet Hydraulic cam using two masters or with modified lobe centres.							
1902	Custom ground Profile on High Chrome billet							

<b>Custom Roller Lifter Camshafts, Solid or Hydraulic Profile</b>	
<b>PART NO.</b>	<b>DESCRIPTION</b>
1950	Custom profile roller cam ground on induction hardened steel billet.
Some custom grinds are also available with 4 x 7 timing swap and cast distributor gears	

**LS1,LS2, Roller Hydraulic cams see Holden LS1 V8 Page 37**

# CHEVROLET SMALL BLOCK cont.

<b>Solid Lifter Camshafts</b>								
<b>PART NO.</b>	<b>VALVE TIMING</b>	<b>DUR</b>	<b>.050" DUR.</b>	<b>L/C</b>	<b>VALVE LIFT</b>	<b>POWER RANGE</b>	<b>PART KIT</b>	<b>COMMENTS</b>
<b>1872<sup>5</sup></b>	IN. 32/60 EX.68/24	272 272	231 231	108	.480" .480"	2800 5500	K106 <sup>3</sup>	Mild street cam for strong mid range power.
<b>1803<sup>5</sup></b>	IN. 34/68 EX.70/32	282 282	246 246	108	.480" .480"	3300 6000	K106 <sup>3</sup>	Street/race cam for well prepared engines.
<b>1902</b>	Custom profile ground on heavy duty high chrome billet.							

<b>Performance Matched Valve Train Kits</b>								
<b>KIT NO.</b>	<b>VALVE LIFTER</b>	<b>VALVE SPRING</b>	<b>SPRING RETAINER</b>	<b>VALVE COLLETS</b>	<b>VALVE SEALS</b>	<b>PUSH RODS</b>	<b>TIMING SET</b>	<b>COMMENTS</b>
<b>K101</b>	HT817	4931	11707	11701	HR245	PR-34B	CS8350	To suit std & towing cams
<b>K102</b>	HT817R	4830	11707	11701	HR245	PR-937 <sup>6</sup>	CS8350	To suit mild cams
<b>K103</b>	HT817R	4843	11707	11701	HR245	PR-937 <sup>6</sup>	CS8350	To suit hot cams to .510" lift.
<b>K104</b>	HT817R	7333 <sup>2,3</sup>	11710	4133	S2 <sup>3</sup>	PR-937 <sup>6</sup>	CS8350	Hot street hydraulic.
<b>K105</b>	HT817R	7333 <sup>2,3</sup>	13101	11101	S2 <sup>3</sup>	PR-937 <sup>6</sup>	CS8350	Race hydraulic.
<b>K106</b>	AT992	7333 <sup>2,3</sup>	11710	4133	S2 <sup>3</sup>	PR-977 <sup>6</sup>	CS8350	Street / race solid.
<b>K107</b>	AT992	7437 <sup>2,3</sup>	13101	11150	S2 <sup>3</sup>	PR-977 <sup>6</sup>	CS8350	Race solid.
<b>K108</b>	5200C	9950 <sup>2,3</sup>	13102	11101	S2 <sup>3</sup>	PR-977 <sup>6</sup>	CS8350	Roller kit up to .580" lift.

<b>Performance Valve Train Components</b>			
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>
<b>PR-34B</b>	Standard Replacement Pushrod	<b>CS8350</b>	Double Row Roller Timing Chain Set
<b>PR-937</b>	Std Length 5/16" Superduty Pushrod	<b>CS8350T</b>	Double Row Roller Chain Set, roller thrust washer
<b>PR5780</b>	Std Length 5/16" Race Pushrods	<b>HT817C-16</b>	Hydraulic Lifter, Chilled Iron base
<b>PR-977<sup>6</sup></b>	+.100" Long 5/16" Superduty Pushrod	<b>HT817R-16</b>	High Performance Hydraulic Lifter
<b>PR5790<sup>6</sup></b>	+.100" Long 5/16" Race Pushrod	<b>AT992-16</b>	Solid Lifter
<b>PR8775-210<sup>6</sup></b>	+.050" Long 3/8" Race Pushrod	<b>AT992L-16</b>	Positive Lube Solid Lifter . Race applications
<b>PR8780-210</b>	Std Length 3/8" Race Pushrod	<b>5200C</b>	Roller Lifter Set
<b>PR8790-210<sup>6</sup></b>	+.100" Long 3/8" Race Pushrod	<b>5200H</b>	Hydraulic Roller Lifter Set
<b>BG4</b>	Bronze Distributor Gear	<b>GP350</b>	Stepped Guide Plate for 5/16" Pushrods
<b>34301</b>	0.080" thick valve lash cap	<b>E9-200</b>	Cam Thrust Button, roller bearing.

**FITTING NOTES.** Converter stall speed must be equal to or greater than min. rpm of cam power range.

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| 1. Must use performance springs.              | 4. Must use performance seal                           |
| 2. Must use performance retainers             | 5. Notes 1-4 apply to this part no.                    |
| 3. Machining required to fit these components | 6. Check valve train geometry before ordering pushrod. |

• FOR TECHNICAL SPECIFICATIONS OF VALVE TRAIN COMPONENTS SEE REAR OF CATALOGUE \*