

CHEVROLET SMALL BLOCK

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

Hydraulic Lifter Camshafts

PART NO.	VALVE TIMING	ADV. DUR	.050" DUR.	L/C	VALVE LIFT	POWER RANGE	PART KIT	COMMENTS
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.
1631¹	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.
1602¹	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.
1666¹	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.
1892¹	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.
1665¹	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
1651¹	IN. 29/73 EX.77/25	282 282	223 223	114	.448" .448"	2200 5000	K103	Fair idle, needs only limited engine modifications.
1801¹	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.
11367¹	IN. 31/75 EX.78/35	286 293	224 234	112	.465" .488"	2600 5800	K104 ³	Broad power range cam suitable for street /race performance. Suit hot S/C engines or NOS
1650¹	IN. 34/78 EX.80/32	292 292	230 230	113	.453" .453"	2700 5500	K104 ³	Medium idle, good mid range power. Needs modified heads and exhaust system.
1622¹	IN. 31/69 EX.71/29	280 280	230 230	110	.480" .480"	2800 5600	K104 ³	Short duration, high lift cam for mid range acceleration. Wide power band.
1672¹	IN. 34/66 EX.70/30	280 280	231 231	108	.480" .480"	3000 6000	K104 ³	Mid range torque cam, needs good heads to perform to maximum. Suit speedway applications
1802⁵	IN. 39/75 EX.77/37	294 294	246 246	109	.508" .508"	3700 6700	K104 ³	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							

Custom Roller Lifter Camshafts, Solid or Hydraulic Profile

PART NO.	DESCRIPTION
1950	Custom profile roller cam ground on induction hardened steel billet.
Some custom grinds are also available with needle roller bearings 4 x 7 timing swap and cast distributor gears	

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

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Solid Lifter Camshafts								
PART NO.	VALVE TIMING	DUR	.050" DUR.	L/C	VALVE LIFT	POWER RANGE	PART KIT	COMMENTS
1872⁵	IN. 32/60 EX.68/24	272 272	231 231	108	.480" .480"	2800 5500	K106 ³	Mild street cam for strong mid range power.
1803⁵	IN. 34/68 EX.70/32	282 282	246 246	108	.480" .480"	3300 6000	K106 ³	Street/race cam for well prepared engines.
1902	Custom profile ground on heavy duty high chrome billet.							

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

Performance Valve Train Components			
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
PR-937	Std Length 5/16" Superduty Pushrod	CS8350	Double Row Roller Timing Chain Set
PR5780	Std Length 5/16" Race Pushrods	CS8350T	Double Row Roller Chain Set, roller thrust washer
PR-977⁶	+.100" Long 5/16" Superduty Pushrod	HT817C-16	Hydraulic Lifter, Chilled Iron base
PR5790⁶	+.100" Long 5/16" Race Pushrod	HT817R-16	High Performance Hydraulic Lifter
PR8775-210⁶	+.050" Long 3/8" Race Pushrod	AT992-16	Solid Lifter
PR8780-210	Std Length 3/8" Race Pushrod	AT992L-16	Positive Lube Solid Lifter . Race applications
PR8790-210⁶	+.100" Long 3/8" Race Pushrod	5200C	Roller Lifter Set
E9-200	Roller Cam Thrust Button	5200H	Hydraulic Roller Lifter Set
BG4	Bronze Distributor Gear	GP350	Stepped Guide Plate for 5/16" Pushrods
34301	0.080" thick valve lash cap	GP3503	Stepped Guide Plate for 3/8" Pushrods

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 *

Chev Small Block 283-400							
PART NO.	INSTALLED HEIGHT	INSTALLED PRESSURE	PRESSURE @.5 LIFT	MAX. LIFT	SOLID HEIGHT	SPRING RETAINER	VALVE LOCKS
4931	1.700"	85	230	.500"	1.150"	Std.	11701
4828	1.700"	120	250	.520"	1.010"	Std	11701
4833	1.700"	95	295	.550"	1.010"	11707	11701
4328 ³	1.700"	115	250	.600"	0.960"	11707	11701
4843	1.700"	120	320	.500"	1.150"	11707	11701
4844 ²	1.800"	100	300	.600"	1.150"	11717	11701
4438	1.800"	140	325	.650"	0.950"	11717	4133
7736 ^{2,3}	1.700"	110	288	.550"	1.100"	11700	11701
7328 ^{2,3}	1.700"	130	275	.710"	0.950"	11700	11701
7333 ^{2,3}	1.800"	130	295	.680"	1.010"	13101/11710	11101/4133
7342 ^{2,3}	1.800"	135	340	.680"	0.980"	13101	11101
7437 ³	1.850"	130	295	.680"	1.010"	13102	11150
7331 ^{2,3}	1.800"	170	330	.750"	1.010"	13101	11101
8945 ^{2,3}	1.800"	210	440	.720"	1.040"	13102	11101