

# CHEVROLET BIG BLOCK, GEMINI

**Chev, 396,400,427,454 1965-86 \*See Fitting Notes\***

<b>Hydraulic Lifter Camshafts</b>					<i>For standard replacement cams see front of catalogue</i>			
<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>
<b>2602</b>	IN. 26/64 EX.66/24	270 270	208 208	112	.484" .484"	1100 3900	K201	Mild street cam with smooth idle and good low end torque.
<b>2666<sup>1</sup></b>	IN. 25/65 EX.74/26	270 280	204 214	112	.484" .510"	1200 4200	K202	Dual pattern economy/performance cam for stock to mild engines.
<b>2605<sup>1</sup></b>	IN. 33/67 EX.75/37	281 291	222 235	115	.508" .512"	1900 4700	K202	Fair idle requires only minor engine modifications.
<b>2778<sup>1</sup></b>	IN. 34/70 EX.74/30	284 284	230 230	110	.530" .530"	2200 5100	K202	Mid range power cam to suit strong street engines.

<b>Custom Ground Flat Tappet &amp; Roller Camshafts</b>	
<b>PART NO</b>	<b>DESCRIPTION</b>
<b>2902</b>	Custom ground profile ground on heavy duty high chrome billet SOLID or HYDRAULIC.
<b>2950</b>	Custom ground ROLLER profile on induction hardened 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>TIMING SET</b>	<b>COMMENTS</b>
<b>K201</b>	HT969C	7737 <sup>a</sup>	12702	12708	CS8454T	Mild street kit.
<b>K202</b>	HT969R	8337	12700	12708	CS8454T	Hot street kit.

<b>Performance Valve Train Components</b>			
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>
<b>CS8454T</b>	9 Keyway 2 Row Chain Set with thrust brg	<b>HT817C-16</b>	Hydraulic Lifter, Chilled iron base
<b>5210H</b>	Roller Hydraulic Lifters.	<b>AT992-16</b>	Solid Lifter set.
<b>5210</b>	Roller Lifters. (Mechanical)	<b>AT992L-16</b>	Pressure Lubricated Solid Lifter set.

**FITTING NOTES.** Pre 1967 engines must have cam or rear bearing grooved for correct oiling.

1. Must use performance valve springs.

a. When using standard retainers care must be taken so that the inner damper does not coil bind.

\* Maximum spring diameter for cast iron heads is 1.550"