

# OVERHEAD CAM ENGINES

The specifications listed below have been checked in a cylinder head to ensure the timing listed is the actual valve timing. The .075" duration is checked at .075" valve lift with zero tappet clearance.

<b>Gemini G161Z, G180Z, G200Z 1967-82</b>							
<b>PART NO.</b>	<b>VALVE TIMING</b>	<b>DUR</b>	<b>.075" DUR.</b>	<b>L/C</b>	<b>VALVE LIFT</b>	<b>POWER RANGE</b>	<b>COMMENTS</b>
<b>782507</b>	IN.33/63 EX.67/29	276 276	212 212	107	.425" .425"	2000 6000	Mild performance cam for standard engines.
<b>782508</b>	IN.39/65 EX.69/35	284 284	218 218	105	.425" .425"	2500 6500	Medium performance cam for modified engines.
<b>782509</b>	IN.38/70 EX.74/34	288 288	225 226	109	.466" .466"	3000 7000	Hot street cam for modified engines.
<b>782510</b>	IN.44/74 EX.78/40	297 297	235 235	107	.490" .490"	3500 7800	Street / Race cam for highly modified engines.
<b>78900</b>	Custom ground billet, using selected master.						

<b>Mitsubishi Sigma, Magna, Astron Eng. 1850-2600 1977-Apr 91 *See Fitting Notes*</b>							
<b>PART NO.</b>	<b>VALVE TIMING</b>	<b>DUR</b>	<b>.075" DUR.</b>	<b>VALVE LIFT</b>	<b>POWER RANGE</b>	<b>COMMENTS</b>	
<b>107704<sup>1</sup></b> <b>108704<sup>2</sup></b>	IN. 18/54 EX.54/18	252 252	204 204	0.454" 0.454"	2000 5800	Mild street cam.	
<b>107704<sup>1</sup></b> <b>108704<sup>2</sup></b>	IN. 14/58 EX.58/14	252 252	204 204	0.454" 0.454"	2000 6200	Mild TURBO cam suit street applications.	
<b>107701<sup>1</sup></b> <b>108701<sup>2</sup></b>	IN. 31/69 EX.70/30	280 280	230 230	0.460" 0.460"	3000 7000	Hot cam for street/race performance in modified motor.	
<b>107729<sup>1</sup></b> <b>108729<sup>2</sup></b>	IN. 23/57 EX.59/21	260 260	205 205	0.450" 0.450"	2000 5800	Mild cam for use in engines with hydraulic lash adjusters. To April 1991	
<b>107900<sup>1</sup></b> <b>108900<sup>2</sup></b>	Custom ground billet using one master.						

<b>Performance Valve Train Components</b>			
<b>PART NO</b>	<b>DESCRIPTION</b>	<b>PART NO</b>	<b>DESCRIPTION</b>
<b>5833</b>	Heavy duty springs suit Gemini	<b>CS41600</b>	1600 Gemini 3 Keyway Timing Set
<b>5825</b>	Heavy duty spring suit Mitsubishi	<b>CS41800</b>	1800,2000 Gemini 3 Keyway Timing Set.

\*FITTING NOTE. Not suitable for EFI engines. 1 Suits Sigma. 2. Suits Magna with extended drive for water pump. Does not suit roller followers

<b>Holden Gemini Valve Springs</b>							
<b>PART NO.</b>	<b>INSTALLED HEIGHT</b>	<b>INSTALLED PRESSURE</b>	<b>PRESSURE @.5 LIFT</b>	<b>MAX. LIFT</b>	<b>SOLID HEIGHT</b>	<b>SPRING RETAINER</b>	<b>VALVE LOCKS</b>
<b>5840</b>	1.550"	85	235	.580"	.880"	Standard	Std.
<b>5833</b>	1.550"	100	250	.510"	.900"	Standard	Std.
<b>5832</b>	1.650"	86	247	.580"	.950"	Standard	Std.

<b>Sigma Valve Springs</b>							
<b>PART NO.</b>	<b>INSTALLED HEIGHT</b>	<b>INSTALLED PRESSURE</b>	<b>PRESSURE @.5 LIFT</b>	<b>MAX. LIFT</b>	<b>SOLID HEIGHT</b>	<b>SPRING RETAINER</b>	<b>VALVE LOCKS</b>
<b>5840</b>	1.560"	105	275	0.710"	0.810"	Std.	Std.