

HOLDEN GEMINI

Application	RPM Range	Part No.	Adv. Duration		.050" Duration		Valve Lift		LSA	Lash Intake	Lash Exhaust	Lifters	Valve Spring	Installed Height	Retainer	Locks	Stem Seal	Timing Kit	Pushrods	Rockers
			Intake	Exhaust	Intake	Exhaust	Intake	Exhaust												
1600 1800 2000 NOTE: 1800cc and 2000cc engines use timing kit CS41800 USE ZDDP100 OIL ADDITIVE AND QUALITY MINERAL ENGINE OIL ONLY																				
Mild cam to suit standard engine	2000 - 6000	782507	276	276	212	212	.425"	.425"	107				5840-8 ^D	1.550"	Standard	Standard		CS41600		
Medium performance suit modified engine needs extractors	2500 - 6500	782508	284	284	218	218	.425"	.425"	105				5840-8 ^D	1.550"	Standard	Standard		CS41600		
Hot street engine needs comp, carbies and good exhaust system	3000 - 7000	782509	288	288	225	226	.466"	.466"	109				5833-8 ^D	1.550"	Standard	Standard		CS41600		
Race cam needs cyl.head mods, comp, carbies & good exhaust	3500 - 7800	782510	297	297	235	235	.490"	.490"	107				5833-8 ^D	1.550"	Standard	Standard		CS41600		

HOLDEN 6 CYLINDER

ROCKER RATIO 1.50

RED/BLUE & BLACK HYDRAULIC USE ZDDP100 OIL ADDITIVE AND QUALITY MINERAL ENGINE OIL ONLY																						
STD replacement cam, suit carbie	800 - 3200	35002	258	269	187	199	.350"	.385"	108				Red Black/Blue	HT969C-12 HT969C-12	4719-12 4028-12	1.625" 1.470"	11707-12 11707-12	11703-12 11703-12	KG819-12 KG819-12	44HP 44HP	PR-105-12 PR-422-12	CRHL6153 CRHL6153
STD replacement cam, suit EFI	850 - 3500	35678	260	260	197	197	.381"	.381"	109				Red Black/Blue	HT969C-12 HT969C-12	4719-12 4028-12	1.625" 1.470"	11707-12 11707-12	11703-12 11703-12	KG819-12 KG819-12	44HP 44HP	PR-105-12 PR-422-12	CRHL6153 CRHL6153
Hi torque cam, suit towing good economy	1200 - 3900	35613	260	267	194	202	.390"	.408"	112				Red Black/Blue	HT969C-12 HT969C-12	4719-12 4028-12	1.625" 1.470"	11707-12 11707-12	11703-12 11703-12	KG819-12 KG819-12	44HP 44HP	PR-105-12 PR-422-12	CRHL6153 CRHL6153
Mild cam for LPG, good power suit STD motor minium mods.	1400 - 4200	35631	269	269	202	207	.395"	.395"	112				Red Black/Blue	HT969C-12 HT969C-12	4719-12 4028-12	1.625" 1.470"	11707-12 11707-12	11703-12 11703-12	KG819-12 KG819-12	44HP 44HP	PR-105-12 PR-422-12	CRHL6153 CRHL6153
Mild cam, improves throttle response good hyway cam suit STD to mild engine	1700 - 4500	35602	270	270	208	208	.420"	.420"	110				Red Black/Blue	HT969C-12 HT969C-12	4719-12 4028-12	1.625" 1.470"	11707-12 11707-12	11703-12 11703-12	KG819-12 KG819-12	44HP 44HP	PR-105-12 PR-422-12	CRHL6153 CRHL6153
Mild cam, increased mid range, good economy suits LPG. smooth idle (See Fitting notes 1)	1900 - 4800	35666	270	280	204	214	.420"	.442"	112				Red Black/Blue	HT969C-12 HT969C-12	4719-12 4028-12	1.625" 1.470"	11707-12 11707-12	11703-12 11703-12	KG819-12 KG819-12	44HP 44HP	PR-105-12 PR-422-12	CRHL6153 CRHL6153
Mild cam, good performance & driveability needs headers, carbies, ignition mods (See Fitting notes 1)	2000 - 5000	35603	280	280	214	214	.442"	.442"	110				Red Black/Blue	HT969C-12 HT969C-12	4823-12 4028-12	1.625" 1.470"	11707-12 11707-12	11703-12 11703-12	KG819-12 KG819-12	44HP 44HP	PR-105-12 PR-422-12	CRHL6153 CRHL6153
Performance street cam good driveability needs headers carbies, ignition & hi stall (See Fitting notes 1 & 2)	2200 - 5200	35665	280	290	214	224	.440"	.465"	112				Red Black/Blue	HT969C-12 HT969C-12	4823-12 4823-12	1.625" 1.605"	11707-12 11717-12	11703-12 11703-12	KG819-12 KG819-12	44HP 44HP	PR-105-12 PR-422-12	CRHL6153 CRHL6153
Performance street cam good driveability needs headers carbies, ignition & hi stall (See Fitting notes 1 & 2)	2500 - 5800	35667	286	286	224	224	.467"	.467"	111				Red Black/Blue	HT969C-12 HT969C-12	4823-12 4823-12	1.625" 1.605"	11707-12 11717-12	11703-12 11703-12	KG819-12 KG819-12	44HP 44HP	PR-105-12 PR-422-12	CRHL6157 CRHL6157
Performance street cam good mid range & upper RPM needs carbies headers etc similar (See Fitting notes 1 & 2)	2500 - 5800	35604	304	304	228	228	.423"	.423"	110				Red Black/Blue	HT969C-12 HT969C-12	4823-12 4823-12	1.625" 1.605"	11707-12 11717-12	11703-12 11703-12	KG819-12 KG819-12	44HP 44HP	PR-105-12 PR-422-12	CRHL6157 CRHL6157
Hot street cam, wide power range, choppy idle, needs headers carbies, ignition & hi stall (See Fitting notes 5)	2800 - 6200	35619	286	290	226	232	.459"	.475"	109				Red Black/Blue	HT969R-12 HT969R-12	4327-12 ^D 4327-12 ^D	1.660" 1.660"	11707-12 11717-12	11703-12 11703-12	VSV530-12 VSV530-12	44HP 44HP	PR-926-12 PR-990-12	CRHL6157 CRHL6157
Performance street/strip cam needs head headers carbies, ignition & hi stall (See Fitting notes 5)	3200 - 6500	35672	280	280	231	231	.480"	.480"	108				Red Black/Blue	HT969R-12 HT969R-12	4327-12 ^D 4327-12 ^D	1.660" 1.660"	11707-12 11717-12	11703-12 11703-12	VSV530-12 VSV530-12	44HP 44HP	PR-926-12 PR-990-12	CRHL6157 CRHL6157
Performance street/strip cam, great mid range Bathurst XU-1 grind (See Fitting notes 5)	3500 - 6800	35616	300	300	240	240	.450"	.450"	110				Red Black/Blue	HT969R-12 HT969R-12	4823-12 4327-12 ^D	1.625" 1.660"	11707-12 11717-12	11703-12 11703-12	VSV530-12 VSV530-12	44HP 44HP	PR-926-12 PR-990-12	CRHL6157 CRHL6157
Aggressive hyd cam great upper RPM need good breathing & engine combo (See Fitting notes 5)	3700 - 6800	35802	295	295	246	246	.507"	.507"	108				Red Black/Blue	HT969R-12 HT969R-12	4327-12 ^D 4327-12 ^D	1.660" 1.660"	11707-12 11717-12	11703-12 11703-12	VSV530-12 VSV530-12	44HP 44HP	PR-926-12 PR-990-12	CRHL6157 CRHL6157

FITTING NOTES: 1. Must use performance springs. 2. Must use performance retainers. 3. Machining required to fit these components. 4. Must use performance seal. 5. Notes 1 to 4 all apply to this part number. 6. Check valve train geometry before ordering pushrod. 7. Pushrod length varied in this model. Check length before ordering. 8. Spring height varies in models, check spring pressure before installation.

FITTING NOTES:

• Converter stall speed should be equal to or greater than the minimum rpm of the cam power range. • The use of high volume oil pumps may cause premature wear of the distributor gear.

Note: Springs marked with xxxx-xx^D denotes that it is a double spring.