

HOLDEN GEMINI

Parts Kit includes items marked in black to suit selected camshaft

Application	RPM Range	Part No.	Adv. Duration		.050" Duration		Valve Lift		Lash Intake	Lash Exhaust	Lobe L/C	Parts Kit	Lifters	Valve Spring	Retainer	Locks	Stem Seal	Timing Kit	Pushrods	Rockers
			Intake	Exhaust	Intake	Exhaust	Intake	Exhaust												
1600 1800 2000																				
Mild cam to suit standard engine	2000 - 6000	782507	276	276	212	212	.425"	.425"						5840				CS41600		
Medium performance suit modified engine needs extractors	2500 - 6500	782508	284	284	218	218	.425"	.425"						5840				CS41600		
Hot street engine needs comp, carbies and good exhaust system	3000 - 7000	782509	288	288	225	226	.466"	.466"						5833				CS41600		
Race cam needs cyl.head mods, comp, carbies & good exhaust	3500 - 7800	782510	297	297	235	235	.490"	.490"						5833				CS41600		

NOTE: 1800cc and 2000cc engines use timing kit CS41800

HOLDEN 6 CYLINDER

RED/BLUE & BLACK HYDRAULIC

STD replacement cam, suit carbie	800 - 3200	35002	258	269	197	199	.350"	.385"				108	Red K3501 Blk K3507	HT969C-12 HT969C-12	4719 4028	11707-12 11707-12	11703 11703	KG819-12 KG819-12	44HP 44HP	PR-105 PR-422	CRHL6153 CRHL6153
STD replacement cam, suit EFI	850 - 3500	35678	264	264	196	196	.380"	.384"				109	Red K3501 Blk K3507	HT969C-12 HT969C-12	4719 4028	11707-12 11707-12	11703 11703	KG819-12 KG819-12	44HP 44HP	PR-105 PR-422	CRHL6153 CRHL6153
Hi torque cam, suit towing good economy	1200 - 3900	35613	254	264	194	202	.382"	.408"				112	Red K3501 Blk K3507	HT969C-12 HT969C-12	4719 4028	11707-12 11707-12	11703 11703	KG819-12 KG819-12	44HP 44HP	PR-105 PR-422	CRHL6153 CRHL6153
Mild cam for LPG, good power suit STD motor minium mods.	1400 - 4200	35631	255	260	200	204	.400"	.415"				112	Red K3501 Blk K3507	HT969C-12 HT969C-12	4719 4028	11707-12 11707-12	11703 11703	KG819-12 KG819-12	44HP 44HP	PR-105 PR-422	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 K3502 Blk K3507	HT969C-12 HT969C-12	4823 4028	11707-12 11707-12	11703 11703	KG819-12 KG819-12	44HP 44HP	PR-105 PR-422	CRHL6153 CRHL6153
Mild cam, increased mid range , good on economy suits LPG. smooth idle	1900 - 4800	35666	270	280	204	214	.420"	.442"				112	Red K3502 Blk K3507	HT969C-12 HT969C-12	4823 4028	11707-12 11707-12	11703 11703	KG819-12 KG819-12	44HP 44HP	PR-105 PR-422	CRHL6153 CRHL6153
Mild cam, good performance & driveability needs headers, carbies, ignition mods	2000 - 5000	35603	280	280	214	214	.442"	.442"				110	Red K3502 Blk K3507	HT969C-12 HT969C-12	4823 4028	11707-12 11707-12	11703 11703	KG819-12 KG819-12	44HP 44HP	PR-105 PR-422	CRHL6153 CRHL6153
Performance street cam good driveability needs headers carbies, ignition & hi stall	2200 - 5200	35665	280	290	214	224	.440"	.465"				112	Red K3502 Blk K3507	HT969C-12 HT969C-12	4823 4028	11707-12 11707-12	11703 11703	KG819-12 KG819-12	44HP 44HP	PR-105 PR-422	CRHL6153 CRHL6153
Performance street cam good driveability needs headers carbies, ignition & hi stall (See Fitting notes 1, 2, 3 & 4)	2500 - 5800	35667	286	286	224	224	.467"	.467"				110	Red K3502 Blk K3507	HT969C-12 HT969C-12	4823 4028	11707-12 11707-12	11703 11703	KG819-12 KG819-12	44HP 44HP	PR-105 PR-422	CRHL6157 CRHL6157
Performance street cam good mid range & upper RPM needs carbies headers etc similar to XU1 (See Fitting notes 1, 2, 3 & 4)	2500 - 5800	35604	304	304	226	226	.423"	.423"				110	Red K3502 Blk K3507	HT969C-12 HT969C-12	4823 4028	11707-12 11707-12	11703 11703	KG819-12 KG819-12	44HP 44HP	PR-105 PR-422	CRHL6157 CRHL6157
Hot street cam, wide power range, choppy idle, needs headers carbies, ignition & hi stall (See Fitting notes 1, 2, 3 & 4)	2800 - 6200	35619	286	290	226	232	.459"	.475"				109	Red K3503 Blk K3508	HT969R-12 HT969R-12	4327 4327	11707-12 11717-12	11703 11703	S2-SD6 S2-SD6	CS6202 CS6202	PR-926 PR-990	CRHL6157 CRHL6157
Performance street/strip cam needs head headers carbies, ignition & hi stall (See Fitting notes 1, 2, 3 & 4)	3200 - 6500	35672	280	280	231	231	.480"	.480"				108	Red K3503 Blk K3508	HT969R-12 HT969R-12	4327 4327	11707-12 11717-12	11703 11703	S2-SD6 S2-SD6	CS6202 CS6202	PR-926 PR-990	CRHL6157 CRHL6157
Performance street/strip cam, great mid range Bathurst XU-1 grind (See Fitting notes 1, 2, 3 & 4)	3500 - 6800	35616	300	300	240	240	.450"	.450"				110	Red K3503 Blk K3508	HT969R-12 HT969R-12	4823 4327	11707-12 11717-12	11703 11703	S2-SD6 S2-SD6	CS6202 CS6202	PR-926 PR-990	CRHL6157 CRHL6157
Aggressive hyd cam great upper RPM need good breathing & engine combo See Fitting notes 1, 2, 3 & 4)	3700 - 6800	35802	294	294	246	246	.507"	.507"				108	Red K3503 Blk K3508	HT969R-12 HT969R-12	4327 4327	11707-12 11717-12	11703 11703	S2-SD6 S2-SD6	CS6202 CS6202	PR-926 PR-990	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 pressure before installation.

FITTING NOTES: • Converter stall speed should be equal to or greater than the minimum rpm of the cam power range. • All lash settings quoted are measured hot. • The use of high volume oil pumps may cause premature wear of the distributor gear.