

CHEV, HOLDEN V8 LS1, LS2, LS6

Commodore, 5.7, 6.0 Gen III Engine 1999-on

Hydraulic Roller Lifter Camshafts

PART NO.	VALVE TIMING	DUR	.050" DUR.	L/C	VALVE LIFT	POWER RANGE	PART KIT.	COMMENTS
871265 ^{1a}	IN. 21/65 EX.72/20	266 273	214 221	114	.518" .525"	1500 6000	K871	Increased mid range power with minimal effect on fuel economy and idle quality.
871275 ^{1a}	IN. 22/68 EX.73/22	287 282	218 224	114	.525" .525"	1800 6200	K871	Medium street performance
871202 ^{1a}	IN. 32/74 EX.80/30	285 290	219 224	113	.554" .564"	2000 6300	K871	Medium street performance
871203 ^{1a}	IN. 31/73 EX.81/31	284 292	226 231	113	.550" .550"	2200 6400	K873	Hot street cam
871223 ^{1a}	IN. 32/74 EX.79/33	286 291	227 231	112	.585" .585"	2300 6500	K872	Hot street cam
871285 ^{1a}	IN. 31/79 EX.85/33	289 297	233 237	115	.550" .550"	2500 7000	K873	Street / Race cam
871232 ^a	IN. 33/79 EX.83/33	292 297	239 244	114	.585" .590"	2800 7200	K872	Hot Street / Race cam

Custom ground Camshafts

PART NO.	DESCRIPTION
871950	Custom profile roller cam ground on induction hardened steel billet. Solid or hydraulic profile.

Performance Matched Valve Train Kits

KIT NO.	VALVE LIFTER	VALVE SPRING	SPRING RETAINER	SPRING SEAT	PUSH RODS	TIMING SET	COMMENTS
VTKLS8		4438-16	10708	VSS1251			With shims and seals
K871		4231			PR-957	CS8LS1	Suit Mild cams
K873		4918			PR-957	CS8LS1	Suit medium –hot cams
K872		4438-16	10708		PR5740 ⁶	CS8LS1	Suit hot – race cams
KLS1-1 ^b	5250	4918	10707	VSS1258	PR957	CS8LS1	Engine kit for medium cams
KLS1-2 ^b	5257	4918	10707	VSS1258	PR5740	CS8LS1	Engine kit for hot street cams
KLS1-3 ^b	5257	4438-16	10708	VSS1251	PR5740	CS8LS1	Engine kit for street / race cams

Performance Valve Train Components suit LS1 engine

PART NO	DESCRIPTION	PART NO.	DESCRIPTION
VTKLS8	Double springs, retainers, locks seals & shims	PR-614	Standard Replacement Pushrod
4231	High Performance conical Valve Springs	PR-957	Superduty Pushrod Std Length
4918	Street /Race conical Valve Springs	PR-956	Superduty Pushrod -0.050
4438-16	Street / Race double spring	PR-958	Superduty Pushrod +0.050
10707	Chromoly retainers suit 4231 & 4918 spring	PR-959	Superduty Pushrod -.025
10708	Chromoly retainers suit 1.25" dual spring	PR5740 ⁶	Chromoly Pushrod Std Length
10701	Valve Locks (set)	PR5745 ⁶	Chromoly Pushrod +0.050" Long
10702-16	Machined valve locks (set)	5250	Std Replacement Roller Hydraulic Lifters
VSS1258	Spring seat suit single springs	5251	Hydraulic Roller Lifter with Tie Bar
VSS1251	Spring seat suit double springs	5257	Heavy Duty Roller Hydraulic Lifters
VS250	Valve spring shim. 0.015", 0.030", 0.060"	5258	Short travel hydraulic roller lifter.
S9-16	Valve Stem Seals (without spring seat)	5260	Solid roller lifters
CS8LS1	Multi Keyway Timing set LS1 5.7	5261	Solid Roller Lifters with Tie Bar
CS8LS2	Multi Keyway Timing set LS2 6.0	CS8LS1-SR	Single Row Multi Keyway Timing set LS1
CS8LS7	Multi Keyway Timing set LS7 7.0	CS8LS7-SR	Single Row Multi Keyway Timing set LS7
CS8LS1-VE	VE 3 Bolt cam gear. For use with 3 bolt cam	CS8LS2-SRV	Vernier Cam Sprocket. LS1,LS2,LS3. 1 row

FITTING NOTES

Converter stall speed should be equal to or greater than the minimum rpm of the cam power range.

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| 1. Must use performance springs | 6. Check valve train geometry before ordering p'rod |
| 2. Must use performance retainers | 7. Suits sedan only. For other models contact Crow Cams |
| 4. Must use performance seal | a. Recalibration of computer required |
| | b. Also available with LS2 and LS7 timing sets |