Holden, Torana, Commodore, 253-308 1970-88 (suits carby heads only)

Hydraulic Lifter Camshafts

PART NO.	VALVE TIMING	DUR	.050" DUR.	L/C	VALVE LIFT	POWER RANGE	PART KIT.	COMMENTS
5613	IN.16/58 EX.65/19	254 264	194 202	112	0.420" 0.448"	1100 3900	K501	High torque, fuel efficient cam with smooth idle. Excellent for towing. Use for stock replacement.
5631	IN. 17/59 EX.63/17	258 262	202 206	112	0.440" 0.450"	1200 4000	K501	L.P.Gas cam for good power and fuel economy in standard motor.
5602	IN. 26/64 EX.66/24	270 270	208 208	110	0.462" 0.462"	1500 4400	K502	Improves throttle response, good highway cam for mild or stock engines.
5666[1]	IN. 25/65 EX.74/26	270 280	204 214	112	0.462" 0.486"	1600 4600	K502	Increased mid range power with minimal effect on fuel economy and idle quality.
5603[1]	IN. 32/68 EX.72/28	280 280	214 214	110	0.486" 0.486"	2000 4800	K503	Designed to give maximum performance and driveability in street modified engines.
5770[1]	IN. 31/69 EX.68/32	280 290	214 224	111	0.483" 0.490"	2100 5000	K503	Medium performance street cam, easy on valve train.
5665[1]	IN. 30/70 EX.79/31	280 290	214 224	112	0.484" 0.511"	2100 5000	K504[3]	Medium performance street cam, easy on valve train.
5651[1]	IN. 29/73 EX.77/25	282 282	223 223	114	0.493" 0.493"	2400 5400	K503	Fair idle, needs only limited engine modifications.
51367[5]	IN. 35/75 EX.84/36	290 300	224 234	112	0.511" 0.536"	2500 5500	K504[3]	Maximum performance, street/strip cam. Good driveability with top performance.
5761[1]	IN. 38/74 EX.76/36	292 292	230 230	109	0.495" 0.495"	2700 5700	K503	Hot street performance. For budget street/race engines.
5620[5]	IN. 36/74 EX.76/34	290 290	234 234	110	0.521" 0.521"	2700 5700	K504[3]	Broad power range cam suitable for hot street performance. Use big springs and roller rockers
5616[1]	IN. 40/80 EX.80/40	300 300	240 240	109	0.495" 0.495"	2900 5900	K503	Lumpy idle, good power. Needs exhaust system and improved heads.
5690[5]	IN. 43/77 EX.79/41	300 300	240 240	108	0.524" 0.524"	3000 6000	K504[3]	High acceleration with strong mid range/top end power. Need big springs & roller rockers
5802[5]	IN. 40/74 EX.78/36	294 294	246 246	108	0.558" 0.558"	3500 6500	K505[3]	Aggressive street/race hydraulic cam for all out performance. Need big springs & rollers rockers
5675[5]	IN. 48/82 EX.84/46	310 310	258 258	108	0.538" 0.538"	3800 6800	K505[3]	Maximum performance hydraulic camshaft Needs big springs & roller rockers

Solid Lifter Camshafts

PART NO.	VALVE TIMING	DUR	.050" DUR.	L/C	VALVE LIFT	POWER RANGE	PART KIT	COMMENTS
5626[5]	IN. 30/68 EX.72/30	278 282	238 244	109	0.534" 0.544"	2700 5700	K506[3]	Street/race cam for well prepared engines.
5803[5]	IN. 34/68 EX.72/32	282 282	246 246	108	0.540" 0.540"	3100 6100	K506[3]	Street/race cam for well prepared engines.
5806[5]	IN. 41/75 EX.81/43	295 305	245 255	109	0.537" 0.557"	3300 6300	K506[3]	Street/race cam for well prepared engines.
5731[5]	IN. 43/77 EX.81/43	300 305	253 261	108	0.585" 0.595"	3500 6500	K507[3]	Race cam for occasional street use.
5647[5]	IN. 38/72 EX.74/36	290 290	254 254	107	0.569" 0.569"	3800 6800	K507[3]	Maximum performance for pro street engines.

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

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.

Custom ground Camshafts

PART NO.	DESCRIPTION
5900	Custom ground billet using one master Solid or Hydraulic.
5901	Custom ground billet cam using two masters or modified lobe centres. Solid or Hydraulic.
5950	Custom profile roller cam ground on induction hardened steel billet.

NOTE *For to suit EFI engines and engines fitted with EFI heads,* *see page 35, for Camshaft and Memcal kits see page 34.*

Performance Matched Valve Train Kits

KIT NO.	VALVE LIFTER	VALVE SPRING	SPRING RETAINER	VALVE COLLETS	VALVE SEALS	PUSH RODS	TIMING SET	COMMENTS
K501	HT969	4931	11707	11701	HR245	PR-387	CS8308	Suit towing cams.
K502	HT969	4833	11707	11701	HR245	PR-964	CS8308	Suit mild cams.
K503	HT969R	4833	11707	11701	HR245	PR-964	CS8308	Suit high performance to .500" lift.
K504	HT969R	7333[3]	11710	4133	S2[3]	PR-964	CS8308	High performance street.
K505	HT969R	7333[3]	13101	11101	S2[3]	PR-964	CS8308	High performance street/strip.
K506	AT992	7333[3]	13101	11101	S2[3]	PR-974	CS8308	High performance solid lifter.
K507	AT992	7342[1]	13101	11101	S2[3]	PR5855	CS8308	Competition solid lifter kit.

Performance Valve Train Components

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
DG4	Treated oil pump gear suit roller cams	**CS8308**	Multi Keyway Roller Chain Set
HT969	Hydraulic Lifter	**PR-387**	Hardened Steel P'rod +0.030" (OK for std)
HT969R	High Performance Hydraulic Lifter	**PR-964**	Superduty Street-Race Pushrod
AT992	Solid Lifter	**PR-974**	Superduty Street-Race Pushrod +0.100"
GP308	Guide Plates Suit 5/16" Hardened P'Rods.	**PR-990**	VL Group A Superduty Pushrod 9.00"
GP304	EFI Guide Plates Suit 5/16" Hard P'Rods.	**PR5875**	Chromoly Pushrod +0.050"
34301	Valve Lash Cap 0.080"	**PR5885**	Chromoly Pushrod Suit Solid Lifters

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

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.

Holden 253,308. Chev 350

PART NO.	INSTALLED HEIGHT	INSTALLED PRESSURE	PRESSURE @.5 LIFT	MAX. LIFT	SOLID HEIGHT	SPRING RETAINER	VALVE LOCKS
4931	1.700"	85	230	.500"	1.150"	Std.	11701
4828	1.700"	120	250	.520"	1.010"	Std	11701
4833	1.700"	95	295	.550"	1.010"	11707	11701
4328[3]	1.700"	115	250	.600"	0.960"	11707	11701
4843	1.700"	120	320	.500"	1.150"	11707	11701
4844[2]	1.800"	100	300	.600"	1.150"	11717	11701
4438	1.800"	140	325	.650"	0.950"	11717	4133
7736[2,3]	1.700"	110	288	.550"	1.100"	11700	11701
7328[2,3]	1.700"	130	275	.710"	0.950"	11700	11701
7333[2,3]	1.800"	130	295	.680"	1.010"	13101/11710	11101/4133
7342[2,3]	1.800"	135	340	.680"	0.980"	13101	11101
7437[,3]	1.850"	130	295	.680"	1.010"	13102	11150
7331[2,3]	1.800"	170	330	.750"	1.010"	13101	11101
8945[2,3]	1.800"	210	440	.720"	1.040"	13102	11101