

Holden, Torana, Commodore, 149,161,173,179,186,202 1964-87

Hydraulic Lifter Camshafts

PART NO.	VALVE TIMING	DUR	.050" DUR.	L/C	VALVE LIFT	POWER RANGE	PART KIT	COMMENTS
35002	IN. 22/56 EX.63/25	258 269	187 199	108	.350" .385"	800 3200	K3501 K3507 ⁹	Standard replacement cam for carburettor engines.
35678	IN. 23/61 EX.61/23	264 264	196 196	109	.380" .384"	850 3500	K3501 K3507 ⁹	Standard replacement cam for fuel injected engines.
35613	IN. 16/58 EX.65/19	254 264	194 202	112	.382" .408"	1200 3900	K3501 K3507 ⁹	High torque, fuel efficient cam with smooth idle. Excellent for towing.
35631	IN. 17/58 EX.63/17	255 260	200 204	112	.400" .415"	1400 4200	K3501 K3507 ⁹	L.P.Gas cam for good power and fuel economy in standard motor.
35602 ¹	IN. 26/64 EX.66/24	270 270	208 208	110	.420" .420"	1700 4500	K3502 K3507 ⁹	Improves throttle response, good highway cam for mild or stock engines.
35666 ¹	IN. 25/65 EX.74/26	270 280	204 214	112	.420" .442"	1900 4800	K3502 K3507 ⁹	Increased mid range power with good economy and idle.
35603 ¹	IN. 32/68 EX.72/28	280 280	214 214	110	.442" .442"	2000 5000	K3502 K3507 ⁹	Maximum performance and driveability in street modified engines.
35665 ¹	IN. 30/70 EX.79/31	280 290	214 224	112	.440" .465"	2200 5200	K3502 K3507 ⁹	High performance street cam, needs improved carburation.
35667 ¹	IN. 33/73 EX.75/31	286 286	224 224	110	.467" .467"	2500 6000	K3502 K3507 ⁹	High performance street. Also suits hot custom EFI applications.
35604 ¹	IN. 43/81 EX.83/41	304 304	226 226	110	.423" .423"	2500 5800	K3502 K3507 ⁹	High performance street cam, needs improved carburation and exhaust.
35619 ⁵	IN. 32/74 EX.78/32	286 290	226 232	109	.459" .475"	2800 6200	K3503 K3508 ⁹	Hot street cam which delivers wide power band. Also suit small supercharger or NOS
35672 ⁵	IN. 34/66 EX.70/30	280 280	231 231	108	.480" .480"	3200 6500	K3503 K3508 ⁹	Strong mid range performance cam, needs improved breathing for maximum effect.
35616 ⁵	IN. 40/80 EX.80/40	300 300	240 240	110	.450" .450"	3500 6800	K3502 K3507 ⁹	Broad power cam for serious street engines.
35802 ⁵	IN. 40/74 EX.78/36	294 294	246 246	108	.507" .507"	3700 7000	K3503 K3508 ⁹	Aggressive street/race hydraulic cam for all out performance.
35900	Custom ground billet, Hydraulic profile using selected master.							
35901	Custom ground billet, Hydraulic profile using 2 masters or modified lobe centres.							

Performance Valve Train Components

PART NO	DESCRIPTION	PART NO	DESCRIPTION
PR-105	186 Replacement Pushrod Std Length	PR-422	202 Replacement Pushrod Std Length
PR-926	Superduty Pushrod, 186 Std Length	PR-990	Superduty Pushrod 202 Std Length
PR5925	9.25" Race suit 186 with Solid Lifters	PR5902	Chromoly 202 Race Pushrod Std Length
44HP	Multi Keyway Helical Alloy Timing Set	PR5915	9.15" Race Pushrod, 202 with Solid Lifters
CS6202	Multi Keyway Straightcut Steel Gear Set	HT969C-12	Chilled Iron Hydraulic Lifter
11703	Hardened valve collets	HT969R-12	Anti Pump up hydraulic lifters
34301	Valve Lash Cap	AT992-12 ⁹	High performance Solid Lifter
GP186	Hardened Guide Plate	AT992L-12 ⁹	Pressure Lube High performance Solid Lifter

FITTING NOTES Converter stall speed should equal or exceed minimum rpm of cam power range.
Maximum cam for EFI engines without computer modification is 35631.

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.
7. Pushrod length varied in this model.
8. Check valves before ordering retainers and locks.
9. Valve train kit to suit Blue/Black motors

HOLDEN SIX continued

Solid Lifter Camshafts								
PART NO.	VALVE TIMING	DUR	.050" DUR.	L/C	VALVE LIFT	POWER RANGE	PART KIT	COMMENTS
35609 ¹	IN. 33/72 EX.73/32	285 285	229 229	109	.442" .442"	2500 5000	K3504 K3509 ⁹	Solid lifter cam for warm street performance
35872 ¹	IN. 32/60 EX.68/24	272 272	231 231	108	.480" .480"	2500 6000	K3504 K3509 ⁹	High torque mid to top end power cam, ideal for speedway or hot street.
35626 ⁵	IN. 30/68 EX.72/30	278 282	238 244	109	.486" .495"	2800 6200	K3505 K3509 ⁹	High lift, short duration cam for maximum mid range power.
35803 ⁵	IN. 34/68 EX.70/32	282 282	246 246	108	.490" .490"	3000 6400	K3505 K3509 ⁹	High lift, short duration cam for maximum mid range power.
35647 ⁵	IN. 41/69 EX.75/35	290 290	254 254	107	.517" .517"	3600 6600	K3505 K3509 ⁹	Competition performance camshaft for full house engines only.
35731 ⁵	IN. 42/79 EX.83/45	301 308	253 261	108	.533" .548"	3800 6800	K3505 K3509 ⁹	Competition performance camshaft for full house engines only.
35900	Custom ground billet, Solid profile using selected master.							
35901	Custom ground billet, Solid profile using 2 masters or modified lobe centres.							

Performance Matched Valve Train Kits Suit Red Motor								
KIT NO.	VALVE LIFTER	VALVE SPRING	SPRING RETAINER	VALVE COLLETS	VALVE SEALS	PUSH RODS	TIMING SET	COMMENTS
K3501	HT969	4719	11707-12	11703	HR245	PR-105 ^A	44HP	Mild street kit.
K3502	HT969R	4823	11707-12	11703	HR245	PR-105 ^A	44HP	Hot street kit
K3503	HT969R	4327 ³	11707-12	11703	S2 ³	PR-926 ²	CS6202	Street/race kit.
K3504	AT992 ^D	4823	11707-12	11703	HR245	PR-926 ²	CS6202	Solid lifter hot street
K3505	AT992 ^D	4327 ³	11707-12	11703	S2 ³	PR-926 ²	CS6202	Solid lifter street / race kit.

Performance Matched Valve Train Kits Suit Blue/Black Motor								
KIT NO.	VALVE LIFTER	VALVE SPRING	SPRING RETAINER	VALVE COLLETS	VALVE SEALS	PUSH RODS	TIMING SET	COMMENTS
K3507	HT969	4028	11707-12	11703	HR245	PR-422	44HP	Mild street kit.
K3508	HT969R	4823	11717-12	11703	HR245	PR-990	44HP	Hot street kit
K3509	AT992 ^D	4327	11717-12	11703	HR245	PR-926	CS6202	Hot street solid Lifter kit.

FITTING NOTES

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.

- A. PR-105 suits 186,specify PR-422 for 202 engines.
D. 0.190" shorter than standard lifter.

Holden 6 Cylinder Red Motor Valve Springs								
PART NO.	INSTALLED HEIGHT	INSTALLED PRESSURE	PRESSURE @ .5" LIFT	MAX. LIFT	SOLID HEIGHT	SPRING RETAINER	VALVE LOCKS	
4719	1.625"	105	215	0.625"	.960"	Std	11703	
4326-12 ³	1.625"	110	240	0.650"	.930"	Std	11703	
4823	1.625"	120	250	0.650"	.930"	Std	11703	
4327	1.660"	125	270	0.660"	.960"	11707-6	11703	
7328-12 ⁵	1.755"	130	270	0.770"	.950"	12710-6	11705	
7333-12 ⁵	1.760"	130	300	0.680"	1.050"	13101	11101	
7331-12 ⁵	1.760"	185	340	0.710"	1.000"	13101	11101	
8945-12 ⁵	1.810"	210	450	0.680"	1.040"	13102	11150	

Holden 6 Cylinder Blue & Black Motor Valve Springs

PART NO.	INSTALLED HEIGHT	INSTALLED PRESSURE	PRESSURE @.5 LIFT	MAX. LIFT	SOLID HEIGHT	SPRING RETAINER	VALVE LOCKS
4028	1.470"	85	225	0.580"	0.850"	Standard	11703
4336 ²	1.505"	105	285	0.600"	0.850"	11707-6	11703
4823 ²	1.605"	125	250	0.615"	0.950"	11717-6	11703
4327 ²	1.655"	125	265	0.700"	0.900"	11717-6	4134