

FALCON CROSSFLOW

Falcon, Fairlane, Cortina 200-250 1976-87 *See Fitting Notes*

Hydraulic Lifter Camshafts ground on Premium High Chrome billets

PART NO.	VALVE TIMING	ADV DUR	.050" DUR	L/C	VALVE LIFT	POWER RANGE	PART KIT	COMMENTS
14002	IN. 17/58 EX.58/17	255 255	194 194	110	.410" .410"	850 3200	K1401	Standard replacement cam for carby engines.
14678	IN. 24/60 EX.60/24	264 264	196 196	109	.439" .439"	900 3400	K1401	Standard replacement EFI Cam.
14613 ^{1,2}	IN. 16/58 EX.65/19	254 264	194 202	112	.441" .470"	1000 3800	K1401	High torque, fuel efficient, smooth idle. Use for LPG in unleaded cars. Excellent for towing.
14771 ^{1,2}	IN. 19/59 EX.63/19	258 262	200 205	111	.458" .470"	1200 4000	K1401	L.P.Gas cam for good power and fuel economy in standard leaded motors.
14221 ^{1,2}	IN. 26/60 EX.66/25	266 271	205 209	109	.472" .485"	1400 4200	K1402	Improves throttle response. Highway cam for mild or stock engines. Replaces 14602
14776 ^{1,2}	IN. 25/63 EX.74/24	268 278	204 214	112	.470" .480"	1500 4500	K1402	Increased mid range power with minimal effect on fuel economy and idle quality.
14892 ^{1,2}	IN. 30/70 EX.74/26	280 280	214 214	112	.510" .510"	1800 4800	K1402	Designed to give maximum performance and driveability in street modified engines.
14770 ^{1,2}	IN. 29/71 EX.78/32	280 290	214 224	111	.510" .510"	2000 5000	K1402 ³	Good mid range power for hot street to street/race engines best 3.2 or lower gears
141550S ^{1,2}	IN. 41/69 EX.76/40	290 295	219 224	106	.510" .510"	2200 5200	K1402 ³	Speedway cam, designed for street stock applications.
14686 ^{1,2}	IN. 33/67 EX.69/31	280 280	224 224	108	.500" .500"	2400 5400	K1403 ³	Street / race cam for suits engines with good head work. Best 3.5 or lower gears
14619 ^{1,2}	IN. 32/74 EX.78/32	286 290	226 232	110	.529" .548"	2600 5500	K1403 ³	Pro Street cam, needs head work and roller rockers. Suitable for NOS and S/C applications
14650 ^{1,2}	IN. 34/78 EX.80/32	292 292	230 230	113	.522" .522"	2800 6000	K1403 ³	Rough idle, excellent mid range power. Needs improved breathing
14672 ^{1,2}	IN. 36/64 EX.72/28	280 280	231 231	108	.550" .550"	3000 6200	K1403 ³	Speedway cam. Needs good valve train & roller rockers.

Solid Lifter Camshafts ground on Premium High Chrome billets

PART NO.	VALVE TIMING	DUR	.050" DUR.	L/C	VALVE LIFT	POWER RANGE	PART KIT	COMMENTS
14872 ^{1,2}	IN. 32/60 EX.68/24	272 272	231 231	108	.550" .550"	2800 6200	K1404 ³	Speedway cam. Needs good valve train & roller rockers.
14806 ⁵	IN. 41/75 EX.81/43	295 305	245 255	108	.563" .584"	3500 6500	K1404 ³	High performance solid lifter cam for street/race applications.
14900	Custom ground high chrome billet, Solid profile using selected master.							
14901	Custom ground high chrome billet, Solid profile using 2 masters or modified lobe centres.							

Performance Matched Valve Train Kits

KIT NO.	VALVE LIFTER	VALVE SPRING	SPRING RETAINER	VALVE COLLETS	VALVE SEALS	PUSH RODS	TIMING SET	COMMENTS
K1401	HT900	7738-12	12706-12	11704	HR204	PR-917	CS6250	Suit mild street cams.
K1402	HT900R	7738-12	12706-12	11704	HR204	PR-917	CS6250	Suit performance street cams.
K1403	HT900R	7333-12 ³	12700-12	11704	S2 ¹³	PR-917	CS6250	Machining of head req'd for seals.
K1404	AT2000	7333-12 ³	12700-12	11704	S2 ¹³	PR5980	CS6250	Solid Lifter kit.

FALCON CROSSFLOW COMPONENTS

Performance Valve Train Components Suit Crossflow Engines 1976-87

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
PR-317	Std Replacement Steel Pushrod	HT900R	High Performance Hydraulic Lifter
PR-917	Superduty std length pushrod.	AT2000	Solid Lifter
PR-962	-.030" Superduty Pushrod	CS6250	Multi Keyway Roller Timing Set
PR5970	Standard length Race pushrod	DG2	Steel distributor gear suit 0.49" shaft
PR5975	+0.070" Race pushrod	DG2A	Steel dist. gear suit Points Ign. 0.53" shaft
11704	Hardened Valve Locks, Multi Groove	VS438A	0.060" Valve Spring Shim Suit Alloy Head
34301	0.080" Valve Lash Cap	VS438B	0.030" Valve Spring Shim Suit Alloy Head

FITTING NOTES

- * With high diff. ratio's, such as 2.65 or 2.78 use a high torque cam eg. 14678, 14613, 14771.
 - * We do not recommend the use of cams larger than the 14771 for EFI Engines.
 - * Converter stall speed should equal or be greater than the minimum rpm of the cam power range.
 - * Heavy duty distributor gears available for engine with gear wear problems. See above listing.
1. Must use performance springs
 2. Must use performance retainers
 3. Machining required to fit these components

Falcon Crossflow Valve Springs

PART NO.	INSTALLED HEIGHT	INSTALLED PRESSURE	PRESSURE @.5 LIFT	MAX. LIFT	SOLID HEIGHT	SPRING RETAINER	VALVE LOCKS
7739-12 ²	1.820"	90	245	.600"	1.125"	12700-6	11704
7738-12 ²	1.820"	110	280	.640"	1.140"	12702-6	11704
7328-12 ^{2,4}	1.820"	95	240	.800"	0.950"	12710-6	11704
7333-12 ^{2,4}	1.820"	125	290	.650"	1.100"	12700-6	11704