

Falcon, Fairlane, 260, 289, 302,351

Hydraulic Lifter Camshafts 302w timing, for 351w timing see custom grinds below

| PART NO. | VALVE TIMING | DUR | .050" DUR | L/C | VALVE LIFT | POWER RANGE | PART KIT | COMMENTS |
|-----------------------|-----------------------|------------|------------|-----|------------------|--------------|----------|--|
| 15613 | IN. 16/58 EX.65/19 | 254 264 | 194 202 | 112 | 0.413" 0.440" | 1100 3900 | K1501 | High torque, fuel efficient cam. Excellent for towing. Can be used as standard cam |
| 15631 | IN. 17/59 EX.63/17 | 255 260 | 200 204 | 112 | 0.433" 0.448" | 1200 4000 | K1501 | L.P.G Cam, good power and fuel economy. |
| 15602 | IN. 26/64 EX.66/24 | 270 270 | 208 208 | 110 | 0.453" 0.453" | 1600 4500 | K1501 | Improves throttle response, good highway cam for stock or mild engines. |
| 15666 ^{1,2} | IN. 25/65 EX.74/26 | 270 280 | 204 214 | 112 | 0.454" 0.478" | 1700 4700 | K1501 | Increased mid range power with good fuel economy and idle. |
| 15665 ^{1,2} | IN. 30/70 EX.79/31 | 280 290 | 214 224 | 112 | 0.475" 0.502" | 2100 5200 | K1503 | Maximum performance & driveability in street modified engines. |
| 151365 ^{1,2} | IN. 36/71 EX.79/35 | 287 294 | 218 224 | 110 | 0.458" 0.466" | 2400 5400 | K1503 | High performance street cam, needs improved carburation. |
| 151367 ^{1,2} | IN. 35/75 EX.84/36 | 290 300 | 224 234 | 112 | 0.502" 0.526" | 2800 6000 | K1503 | Hot street cam for performance and mid range power. |

Custom Ground Camshafts, Hydraulic, Solid & Roller

| 302W Timing | 351W Timing | DESCRIPTION |
|-------------|-------------|---|
| 15900 | 62900 | Custom ground camshaft using single selected master, HYDRAULIC or SOLID |
| 15901 | 62901 | Custom ground cam. 2 masters or modified lobe centres, HYDRAULIC or SOLID |
| 15950 | 62950 | Custom Roller on induction hardened steel billet. HYDRAULIC or SOLID |

Performance Matched Valve Train Kits Check installed spring height before ordering.

| KIT NO. | VALVE LIFTER | VALVE SPRING | SPRING RETAINER | VALVE COLLETS | VALVE SEALS | PUSH RODS | TIMING SET | COMMENTS |
|---------|--------------|-------------------|-----------------|---------------|---------------------|---------------------|------------|-------------------------------|
| K1501 | HT900 | 5092 ⁹ | 11700 | 11701 | KG317 | PR-281 | CS8302W | Suit mild cams. |
| K1502 | HT900R | 7328 ⁴ | 11700 | 11701 | S2-SD8 ³ | PR-948 ⁶ | CS8302W | Suit performance street cams. |
| K1503 | HT900R | 7736 ⁹ | 11700 | 11701 | S2-SD8 ³ | PR-948 ⁶ | CS8302W | Suit performance street cams. |
| K1504 | AT2000 | 7733 ⁹ | 11700 | 4133 | S2-SD8 ³ | PR-905 ⁶ | CS8302W | Suit solid lifter cams. |

Performance Valve Train Components see notes below.

| PART NO. | DESCRIPTION | PART NO | DESCRIPTION |
|---------------------|---|------------|---|
| PR-963 | 6.80" Superduty P'rod suit 289, | 7736-16 | Heavy Duty spring suit 1.70" Installed height |
| PR-948 ⁶ | 6.90" Superduty P'rod suit late 302 '69-85 | 7738-16 | Heavy Duty spring suit 1.82" installed height |
| PR-905 ⁶ | 7.05" Superduty P'rod suit solid lifter in '69-85 | HT900-16 | Hydraulic Lifter set |
| CS8302W | Multi Keyway Double Row Timing Chain Set | HT900R-16 | High Performance Hydraulic Lifter set |
| CS8302EFI | Timing set suit Falcon V8 EB on | AT2000-16 | High Performance Solid Lifter set |
| GP302 | Pushrod Guide Plates | AT2000L-16 | Pressure Lubricated Race Solid Lifter set |

FITTING NOTES Converter stall speed should equal or exceed minimum rpm of cam power range.

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| 1. Must use performance springs | 5. Notes 1 to 4 all apply to this part number. |
| 2. Must use performance retainers | 6. Check valve train geometry before ordering pushrod. |
| 3. Machining req'd to fit these components | 7. Pushrod length varied in this model. |
| 4. Must use performance seal | 9. Spring height varies in models check pressure before installation |

Before ordering performance parts for Windsor engines check valve spring installed height and pushrod length to ensure correct parts for your model.

Ford Windsor Valve Springs *Check installed height before selecting springs as models vary*

| PART NO. | INSTALLED HEIGHT | INSTALLED PRESSURE | PRESSURE @.5 LIFT | MAX. LIFT | SOLID HEIGHT | SPRING RETAINER | VALVE LOCKS |
|-------------------|-------------------------|---------------------------|--------------------------|------------------|---------------------|------------------------|--------------------|
| 5091 | 1.700" | 80 | 245 | .600" | 1.062" | 11700 | 11701 |
| 6426 ⁴ | 1.700" | 95 | 210 | .760" | 0.891" | 11700 | 11701 |
| 7736 | 1.700" | 120 | 300 | .550" | 1.100" | 11700 | 11701 |
| 7738 | 1.800" | 115 | 200 | .640" | 1.140" | 11700 | 11701 |
| 7333 ⁵ | 1.800" | 130 | 300 | .650" | 1.100" | 11710 | 11701 |
| 7437 ⁵ | 1.800" | 145 | 335 | .680" | 1.100" | 13102 | 11101 |
| 8945 ⁵ | 1.800" | 180 | 380 | .620" | 1.140" | 13102 | 11101 |