



FORD OHC 6

| Application | RPM Range | Part No. | Adv. Duration | | .050" Duration | | Valve Lift | | LSA | Lash | Oil Additive | Lifters | Valve Spring | Installed Height | Retainer | Locks | Stem Seal | Timing Kit | Pushrods | Rockers |
|--|-------------|----------|---------------|---------|----------------|---------|------------|---------|-----|------|--------------|-----------|--------------|------------------|----------|-------|-----------|------------|----------|---------|
| | | | Intake | Exhaust | Intake | Exhaust | Intake | Exhaust | | | | | | | | | | | | |
| DOHC 6 CYLINDER BA - FG FOR TURBO APPLICATIONS, USE 323XXXT INLET CAMS NOTE: PARTS KIT VTKBA6T-24 INCLUDES 1809-24 SPRINGS AND 10703-24 RETAINERS | | | | | | | | | | | | | | | | | | | | |
| Mild cam, good mid range, choppy idle suit standard springs, needs computer mods & headers. Not suitable for FG. N/A Use 3231393 & 3241393 Turbo applications use 3231393T & 3241393 | 2700 - 6200 | 3231393 | 259 | | 195 | | .452" | | 112 | | | BA-ADJ-24 | 1808-24 | 1.480" | | | | | | |
| | | 3231393T | | | | | | | 112 | | | | | | | | | | | |
| Performance street cams, great mid range and upper RPM, needs valve springs, headers, computer & high stall N/A Use 3232591 & 3242591 Turbo applications use 3232591T & 3242591 | 2700 - 6200 | 3232591 | 260 | | 204 | | .470" | | 112 | | | BA-ADJ-24 | VTKBA6T-24 | 1.520" | | | | | | |
| | | 3232591T | | | | | | | 112 | | | | | | | | | | | |
| Mild performance street cams, great mid range and upper RPM, Standard valve springs, headers, computer & high stall. N/A Use 3232590 & 3242590 Turbo applications use 3232590T & 3242590 | 2800 - 6500 | 3232590 | 262 | | 208 | | .471" | | 112 | | | BA-ADJ-24 | VTKBA6T-24 | 1.520" | | | | | | |
| | | 3232590T | | | | | | | 112 | | | | | | | | | | | |
| High performance street cams, great mid range and upper RPM, needs valve springs, headers, computer & high stall. Check valve to piston clearance. N/A Use 3232592 & 3242592 Turbo applications use 3232592T & 3242592 | 3200 - 6500 | 3232592 | 268 | | 214 | | .475" | | 112 | | | BA-ADJ-24 | VTKBA6T-24 | 1.520" | | | | | | |
| | | 3232592T | | | | | | | 112 | | | | | | | | | | | |
| High performance street /strips cams, great upper RPM range,needs valve springs, high stall, headers and computer N/A Use 3232593 & 3242593 Turbo applications use 3232593T & 3242593 | 3500 - 6800 | 3232593 | 275 | | 218 | | .495" | | 112 | | | BA-ADJ-24 | VTKBA6T-24 | 1.520" | | | | | | |
| | | 3232593T | | | | | | | 112 | | | | | | | | | | | |
| Street /strip application, serious engine only, needs head work, valve springs, high stall headers, computer & vernier gears N/A Use 3232562 & 3242562 Turbo applications use 3232562T & 3242562 | 3700 - 7000 | 3232562 | 282 | | 223 | | .500" | | 112 | | | BA-ADJ-24 | VTKBA6T-24 | 1.520" | | | | | | |
| | | 3232562T | | | | | | | 112 | | | | | | | | | | | |
| Race application only not for street use N/A Use 3232565 & 3242565 Turbo applications use 3232565T & 3242565 | 4000 - 7800 | 3232565 | 309 | | 237 | | .516" | | 112 | | | BA-ADJ-24 | VTKBA6T-24 | 1.520" | | | | | | |
| | | 3232565T | | | | | | | 112 | | | | | | | | | | | |

FORD DOHC 4.0L BARRA BA-FG SPRING TOOL & VERNIER GEAR

| Part Number | Description | |
|------------------|--|---|
| SRT-BARRA | Ford DOHC 4L Barra Spring Compressor/Removal Tool. With this tool you do not need to remove the cylinder head. Made in Australia |  |
| VG-BARRA | Ford DOHC 4L Barra Vernier camshaft gear set. |  |

VTKBA6T-24 INCLUDES 1809-24 SPRINGS AND 10703-24 RETAINERS. LOCKS NOT INCLUDED

10703-24 RETAINER HAS A + .040" OFFSET TO INSTALL AT 1.520"

| Part Number | Installed Height | Installed Pressure | Pressure @ .5 Lift | Max. Lift | Solid Height | Spring Retainer | Valve Locks |
|----------------|------------------|--------------------|--------------------|-----------|--------------|-----------------|-------------|
| 1808-24 | 1.480" | 90 | 200 | .550" | .880" | Std | Std |
| 1809-24 | 1.520" | 105 | 205 | .570" | .900" | 10703 | Std |

FITTING NOTES:

- Converter stall speed should be equal to or greater than the minimum rpm of the cam power range.
- All lash settings quoted are measured hot. • The use of high volume oil pumps may cause premature wear of the distributor gear.

- FITTING NOTES:** 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. 7. Pushrod length varied in this model. Check length before ordering. 8. Spring height varies in models, check spring pressure before installation.