

2290210

full race

Ford Zeta 1.8 - 2.0L, hydro (silvertop)

I-4cyl 2.0L 16v DOHC (DTH/DTH)



intake

exhaust

camshaft data:

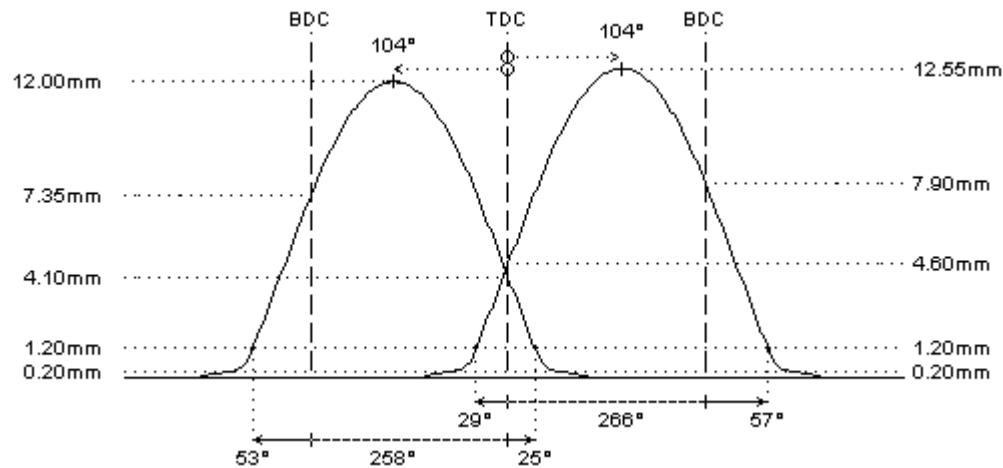
| | | |
|------------------|-------------|-----------|
| lash ramp | : 0.20mm | 0.20mm |
| duration @ 0.1mm | : 294° | 286° |
| duration @ 1.0mm | : 264° | 256° |
| valve lift | : 12.50mm | 12.00mm |
| cam lift | : | |
| lobe angle | : 104° | 104° |
| timing @ 1.0mm | : 28° / 56° | 52° / 24° |
| valve lift @ TDC | : 4.55mm | 4.10mm |

parts setup:

| | | |
|-----------------|---------------|---------------|
| cam wheels : | : | : |
| follower | : CC018 | : CC018 |
| valve lash | : TS101 | : TS101 |
| valve | : O.E.M. | : O.E.M. |
| valve locks | : O.E.M. | : O.E.M. |
| upper retainer | : O.E.M. | : O.E.M. |
| lower retainer | : O.E.M. | : O.E.M. |
| exterior spring | : PAC-S90015 | : PAC-S90015 |
| interior spring | : | : |

| | | |
|----------------------|-----------------|-----------------|
| fitted load / length | : 33kg @ 37.0mm | : 33kg @ 37.0mm |
| max. load / lift | : 79kg @ 12.0mm | : 79kg @ 12.0mm |

REMARKS :



REMARKS :

- # for 1st generation engines with hydraulic tappets, single groove valves and cylindrical valve springs (until '97)
- # valve clearance is to be adjusted using mechanical lash caps. these can have different shapes according the application:
 - plates available in different diameters and thickness
 - cups for different valve stem diameters. these center on either tappet or valve stem
 - other specific shapes available on request
- # FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
 - the camshafts must turn smooth in the cylinderhead, provide free travel by machining where needed
 - distance between valve seal and retainer at full lift must be 0.6mm at least
 - minimum valve spring travel of 1.0mm at full lift must be provided
 - distance between valve and piston 1.0mm (pref. 1.5mm). check 5-15° before TDC on exhaust, and after TDC on intake
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors