

2290208

tarmac rally - race

Ford Zeta 1.8 - 2.0L, hydro (silvertop)

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



intake **exhaust**

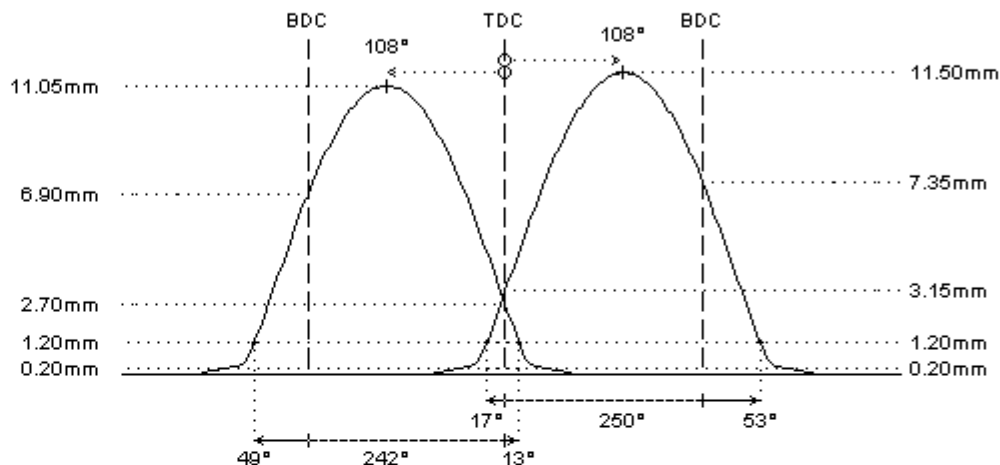
camshaft data:

| | | |
|------------------|-------------|-----------|
| lash ramp | : 0.20mm | 0.20mm |
| duration @ 0.1mm | : 279° | 273° |
| duration @ 1.0mm | : 250° | 242° |
| valve lift | : 11.50mm | 11.05mm |
| cam lift | : | |
| lobe angle | : 108° | 108° |
| timing @ 1.0mm | : 17° / 53° | 49° / 13° |
| valve lift @ TDC | : 3.15mm | 2.70mm |

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
- please make sure that the lash cap does not touch the valve locks !
- # 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