

2290306

tarmac rally - race

Ford Zeta 1.8 - 2.0L, mech (blacktop)

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



intake

exhaust



camshaft data:

lash ramp	: 0.10mm	0.15mm
duration @ 0.1mm	: 282°	266°
duration @ 1.0mm	: 255°	242°
valve lift	: 11.80mm	11.05mm
cam lift	: 11.80mm	11.05mm
lobe angle	: 105°	105°
timing @ 1.0mm	: 22° / 53°	46° / 16°
valve lift @ TDC	: 3.75mm	3.05mm

parts setup:

cam wheels :	:	:
follower :	O.E.M.	O.E.M.
valve lash :	O.E.M.	O.E.M.
valve :	O.E.M.	O.E.M.
valve locks :	O.E.M.	O.E.M.
upper retainer :	99312/H	99312/H
lower retainer :	O.E.M.	O.E.M.
exterior spring :	PAC-E99862	PAC-E99862
interior spring :	:	:

fitted load / length	: 29kg @ 35.0mm	: 29kg @ 35.0mm
max. load / lift	: 80kg @ 12.0mm	: 80kg @ 12.0mm

REMARKS :

- # for 2nd generation engines with mechanic tappets 30mm / shim 27.5mm on top, tripple groove valves and conical valve springs (from '98)
- # 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 carburettors

REMARKS :