

2290209

tarmac rally - race

Ford Zeta 1.8 - 2.0L, hydro (silvertop)

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



intake

exhaust

camshaft data:

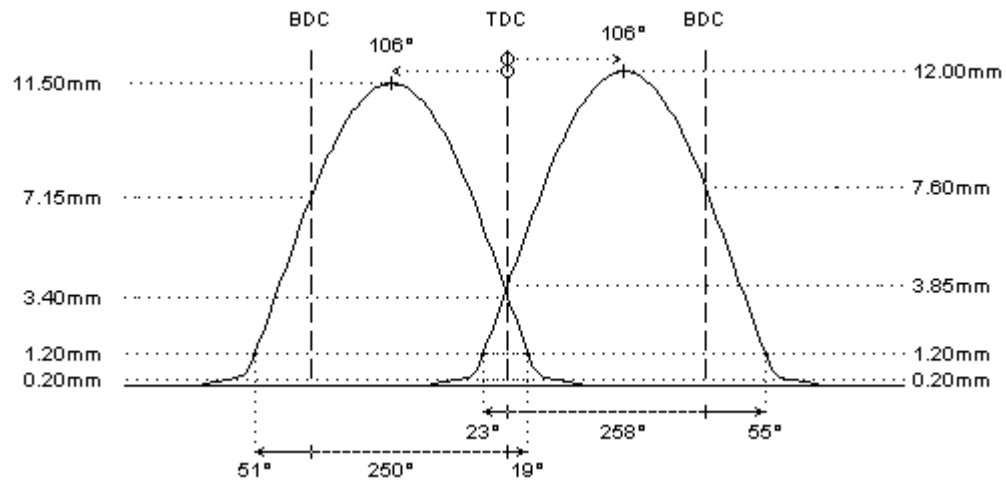
lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 286°	278°
duration @ 1.0mm	: 256°	248°
valve lift	: 12.00mm	11.50mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 22° / 54°	50° / 18°
valve lift @ TDC	: 3.85mm	3.35mm

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 :



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- # 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