

2290312

hot street - dirt track

Ford Zeta 1.8 - 2.0L, mech (blacktop)

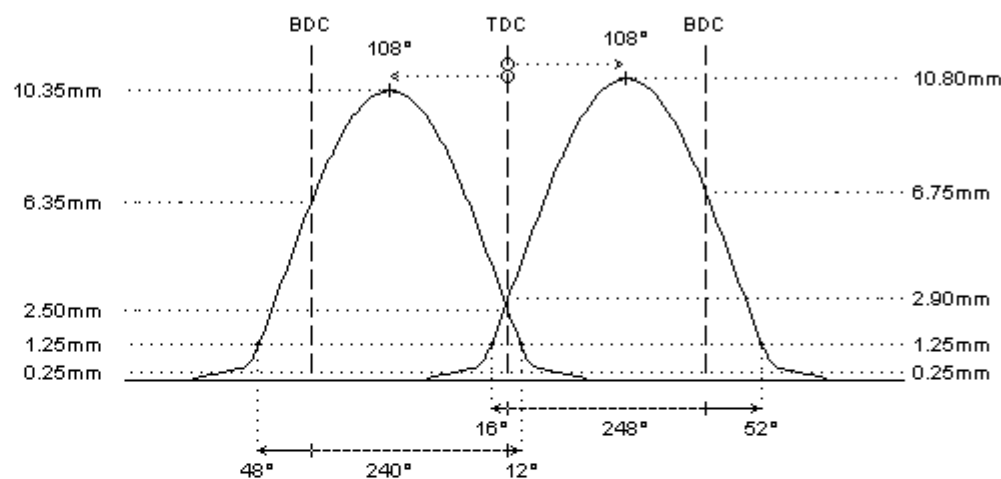
I-4cyl 2.0L 16v DOHC (DTs/DTs)



	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 294°	286°
duration @ 1.0mm	: 248°	240°
valve lift	: 10.80mm	10.35mm
cam lift	: 10.80mm	10.35mm
lobe angle	: 108°	108°
timing @ 1.0mm	: 16° / 52°	48° / 12°
valve lift @ TDC	: 2.90mm	2.50mm
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 :	O.E.M.	O.E.M.
lower retainer :	O.E.M.	O.E.M.
exterior spring :	O.E.M.	O.E.M.
interior spring :		
fitted load / length :	14kg @ 35.0mm	14kg @ 35.0mm
max. load / lift :	37kg @ 11.0mm	37kg @ 11.0mm

REMARKS :

- # original setup with conical valve springs
- # original springs not suited for extended rpm range



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