

2394103

tarmac rally - race

Ford modular 2v

V-6cyl 4.0L 12v SOHC (RPRH/RPRH)

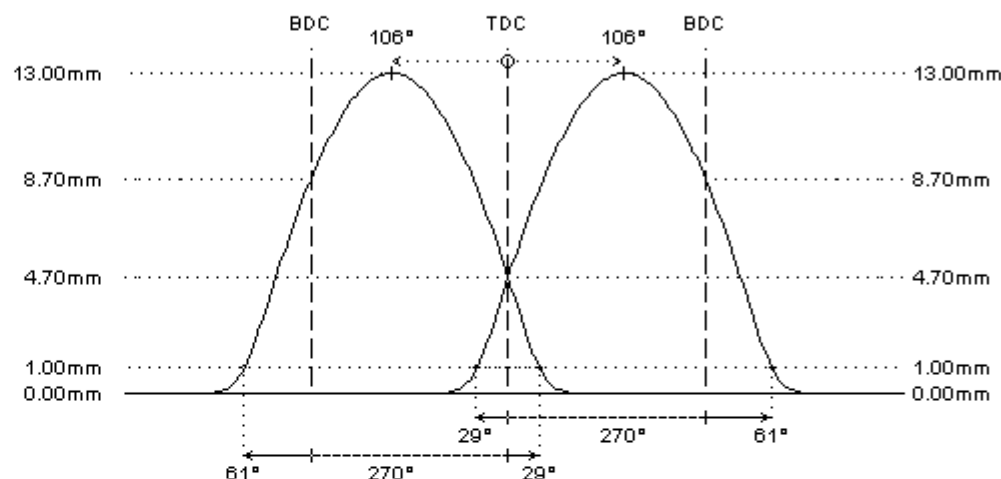
**intake****exhaust****camshaft data:**

lash ramp	: hydro	hydro
duration @ 0.1mm	: 310°	310°
duration @ 1.0mm	: 270°	270°
valve lift	: 13.00mm	13.00mm
cam lift	: 7.15mm	7.15mm
lobe angle	: 106°	106°
timing @ 1.0mm	: 29° / 61°	61° / 29°
valve lift @ TDC	: 4.70mm	4.70mm

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 :	99322/s	99322/s
lower retainer :	99428/O	99428/O
exterior spring :	PAC-E95009	PAC-E95009
interior spring :	PAC-I95009	PAC-I95009

fitted load / length	: 31kg @ 35.0mm	: 33kg @ 34.8mm
max. load / lift	: 104kg @ 13.5mm	: 104kg @ 13.3mm

REMARKS :**REMARKS :**

- # steel billet camshafts
- # 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