

2290642

full race

Ford CJBA, CJBB, N4JA, N4JB 145hp duratec

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



intake exhaust

camshaft data:

lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 307°	292°
duration @ 1.0mm	: 268°	259°
valve lift	: 13.50mm	13.00mm
cam lift	: 13.50mm	13.00mm
lobe angle	: 106°	106°
timing @ 1.0mm	: 28° / 60°	56° / 23°
valve lift @ TDC	: 4.70mm	4.15mm

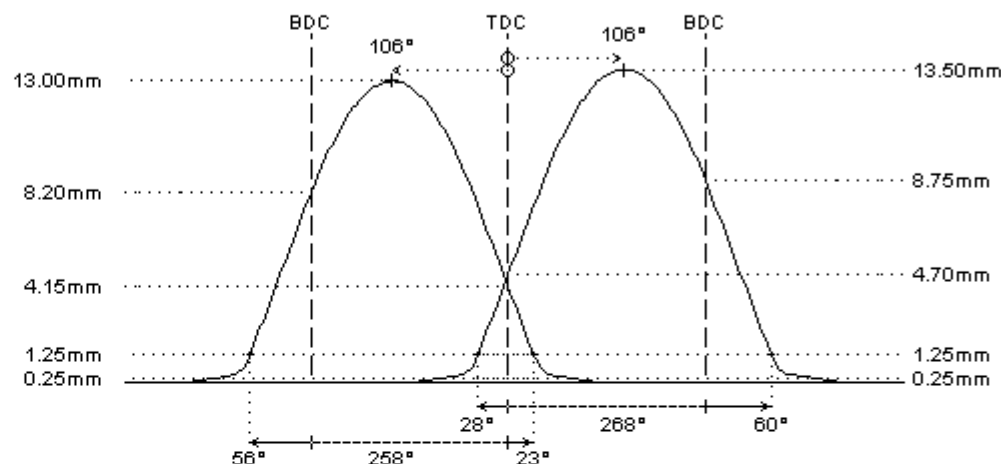
parts setup:

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	: 99423/s	: 99423/s
lower retainer	: 99528/O	: 99528/O
exterior spring	: PAC-E19864	: PAC-E19864
interior spring	: PAC-I19864	: PAC-I19864

fitted load / length	: 25kg @ 34.0mm	: 25kg @ 34.0mm
max. load / lift	: 86kg @ 14.5mm	: 86kg @ 14.5mm

REMARKS :

replace valve seals.



REMARKS :

- # available on casting or steel billet (without trigger on intake)
- # 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