

5221212

tarmac rally - race

Porsche 944 S2

I-4cyl 3.0L 16v DOHC (DTH/DTH)



intake

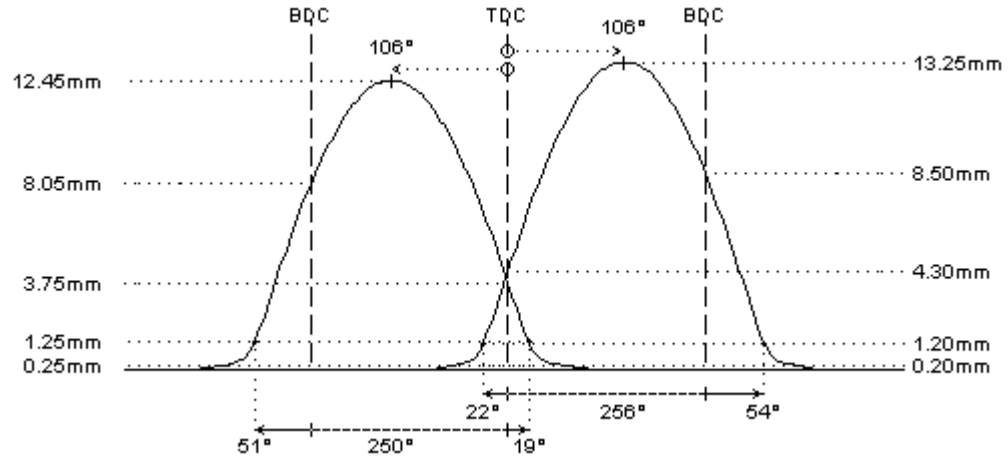
exhaust

camshaft data:

lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 289°	285°
duration @ 1.0mm	: 255°	250°
valve lift	: 13.25mm	12.45mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 22° / 53°	51° / 19°
valve lift @ TDC	: 4.30mm	3.80mm

parts setup:

cam wheels :	:	:
follower	: CC005	: CC005
valve lash	: TS102	: TS102
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99322/s	: 99322/s
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: PAC-E95009	: PAC-E95009
interior spring	: PAC-I95009	: PAC-I95009
fitted load / length	: 34kg @ 36.0mm	: 39kg @ 35.0mm
max. load / lift	: 109kg @ 14.0mm	: 109kg @ 13.0mm



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 carburettors

REMARKS :