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tarmac rally - race

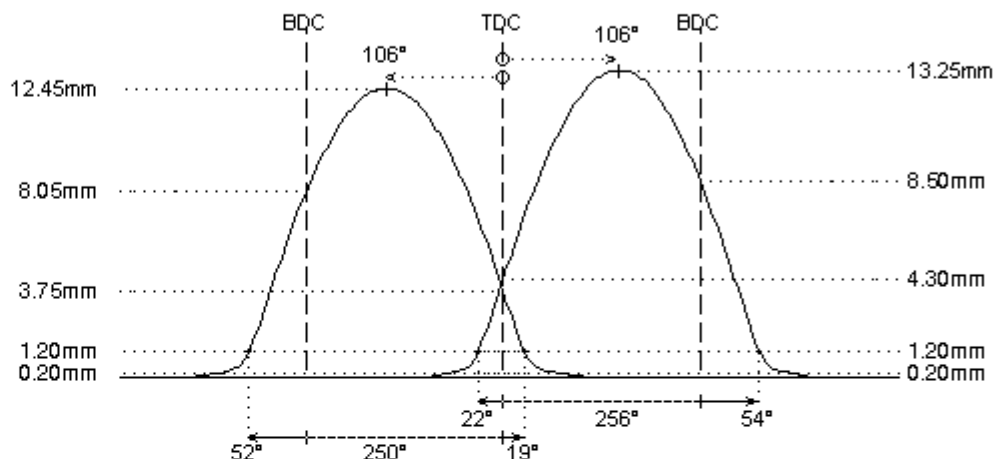
Porsche 944 S2

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



	intake	exhaust
camshaft data:		
lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 299°	292°
duration @ 1.0mm	: 256°	251°
valve lift	: 13.25mm	12.45mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 22° / 54°	52° / 19°
valve lift @ TDC	: 4.30mm	3.75mm
parts setup:		
cam wheels :	CTP0968	CTP0968
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 :



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- # Both intake and exhaust cam driven by adjustable belt pulley (like oem exhaust cam). Without sprockets in the middle of the camshafts for connecting chain.

Pulley kit CTP0968 includes 2 cam pulleys, 1 crankshaft pulley and a Gates distribution belt.
- # 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