

6101210

tarmac rally - race

Saab 900, 9000

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

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

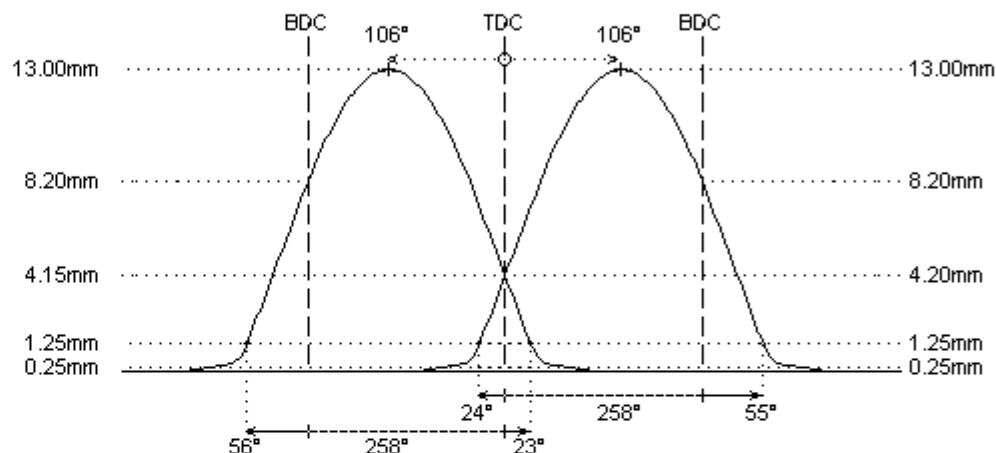
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 293°	293°
duration @ 1.0mm	: 259°	259°
valve lift	: 13.00mm	13.00mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 24° / 55°	56° / 23°
valve lift @ TDC	: 4.20mm	4.15mm

parts setup:

cam wheels :	:	:
follower	: CC002	: CC002
valve lash	: TS102	: TS102
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99341	: 99341
lower retainer	: remove	: remove
exterior spring	: PAC-E12009	: PAC-E12009
interior spring	: PAC-I12009	: PAC-I12009
fitted load / length	: 35kg @ 33.0mm	: 35kg @ 33.0mm
max. load / lift	: 107kg @ 14.5mm	: 107kg @ 14.5mm

REMARKS :

if required, machine cylinder head and / or use solid shims to adjust spring load

**REMARKS :**

- # - valve clearance is to be adjusted using mechanical lash caps
- please make sure that the lash cap does not touch the valve locks !
- # 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
- # for ATMO engines