

# 7607314

tarmac rally - race

Volkswagen AAA

VR-6cyl 2.8L 12v DOHC (DTH/DTH)



**intake**                      **exhaust**

**camshaft data:**

lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 317°	317°
duration @ 1.0mm	: 270°	270°
valve lift	: 13.50mm	13.50mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 29° / 61°	61° / 29°
valve lift @ TDC	: 4.95mm	4.95mm

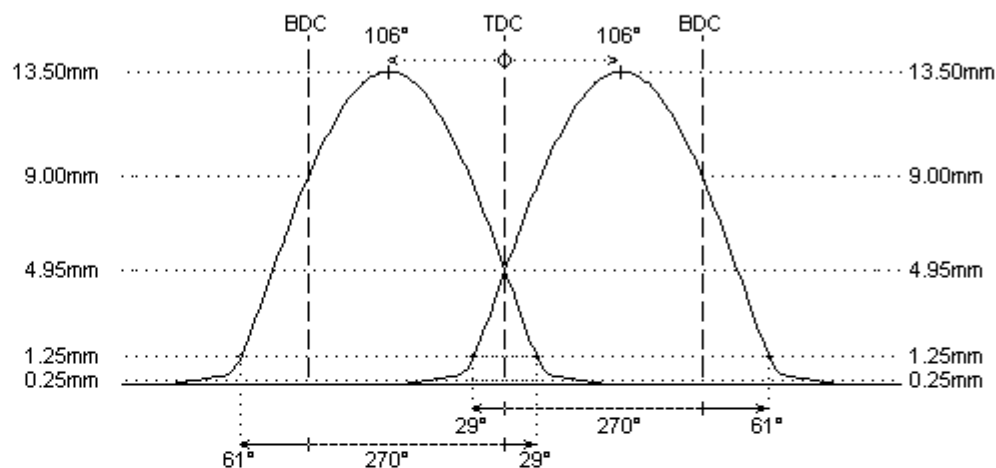
**parts setup:**

cam wheels :	TVW034	TVW034
follower	CC005	CC005
valve lash	TS102	TS102
valve		
valve locks	: O.E.M.	: O.E.M.
upper retainer	: O.E.M.	: O.E.M.
lower retainer	: O.E.M.	: O.E.M.
exterior spring	PAC-E99860	PAC-E99860
interior spring	PAC-I99860	PAC-I99860

fitted load / length	: 31kg @ 33.0mm	: 31kg @ 33.0mm
max. load / lift	: 99kg @ 13.0mm	: 99kg @ 13.0mm

**REMARKS :**

# check interference between valve seal and retainer over 10,5mm lift



**REMARKS :**

- # 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
- # - valve clearance is to be adjusted using mechanical lash caps
  - please make sure that the lash cap does not touch the valve locks !
- # stand alone ECU based on throttle position sensor required