

# 7671310

tarmac rally - race

Volkswagen ABF 150hp

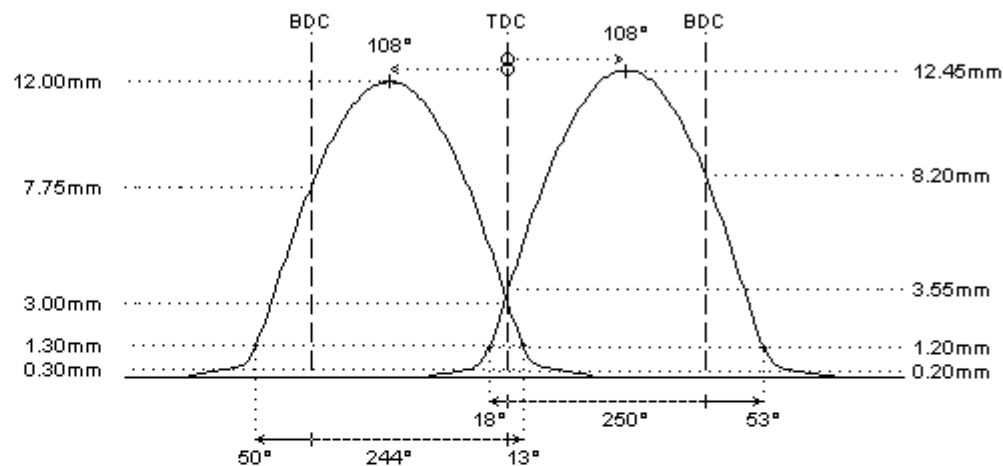
I-4cyl 2.0L 16v DOHC (DTH/DTH)



	intake	exhaust
<b>camshaft data:</b>		
lash ramp	: 0.20mm	0.30mm
duration @ 0.1mm	: 292°	279°
duration @ 1.0mm	: 251°	243°
valve lift	: 12.45mm	12.00mm
cam lift	:	
lobe angle	: 108°	108°
timing @ 1.0mm	: 18° / 53°	50° / 13°
valve lift @ TDC	: 3.55mm	3.00mm
<b>parts setup:</b>		
cam wheels :	TVW033	CTVW006
follower	CC005	CC005
valve lash	TS102	TS102
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	99315	99315
lower retainer	not available	not available
exterior spring	PAC-E12009	PAC-E12009
interior spring	PAC-I12009	PAC-I12009
fitted load / length	: 30kg @ 34.0mm	: 30kg @ 34.0mm
max. load / lift	: 100kg @ 14.0mm	: 100kg @ 14.0mm

## REMARKS :

- # check distance between valve seal and retainer to be at least 0.6mm at full lift
- # if required, machine cylinder head and / or use solid shims to adjust spring load
- # ONLY for 7mm valves with tripple groove (MK-7H valve keepers)



## REMARKS :

- # - cast iron camshafts
- # - 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