

1003503

tarmac rally - race

Audi ABC 1st generation: 8mm valves

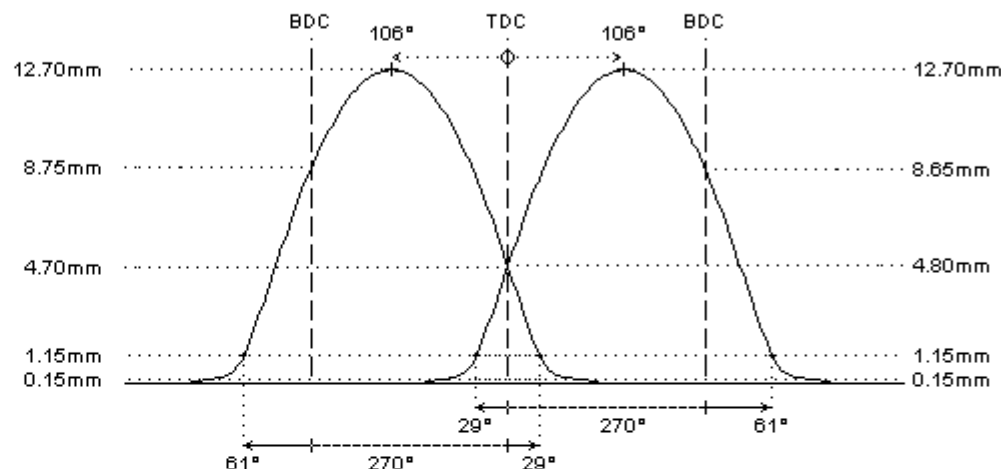
V-6cyl 2.6L 12v SOHC (DTH/DTH)



	intake	exhaust
camshaft data:		
lash ramp	: 0.15mm	0.15mm
duration @ 0.1mm	: 308°	308°
duration @ 1.0mm	: 270°	270°
valve lift	: 12.70mm	12.70mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 29° / 61°	61° / 29°
valve lift @ TDC	: 4.80mm	4.70mm
parts setup:		
cam wheels :	:	:
follower	: CC005	: CC005
valve lash	: TS103	: TS103
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99379	: 99379
lower retainer	: not available	: not available
exterior spring	: PAC-E99859	: PAC-E99859
interior spring	: PAC-I99859	: PAC-I99859
fitted load / length	: 36kg @ 35.0mm	: 36kg @ 35.0mm
max. load / lift	: 103kg @ 12.5mm	: 103kg @ 12.5mm

REMARKS :

- # if required, machine cylinder head and / or use solid shims to adjust spring load
- # check distance between valve seal and retainer to be at least 0.6mm at full lift



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 carburettors