

1003502

tarmac rally - race

Audi ABC 1st generation: 8mm valves

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



intake

exhaust

camshaft data:

lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 289°	289°
duration @ 1.0mm	: 256°	256°
valve lift	: 12.15mm	12.15mm
cam lift	:	
lobe angle	: 108°	108°
timing @ 1.0mm	: 20° / 56°	56° / 20°
valve lift @ TDC	: 3.70mm	3.65mm

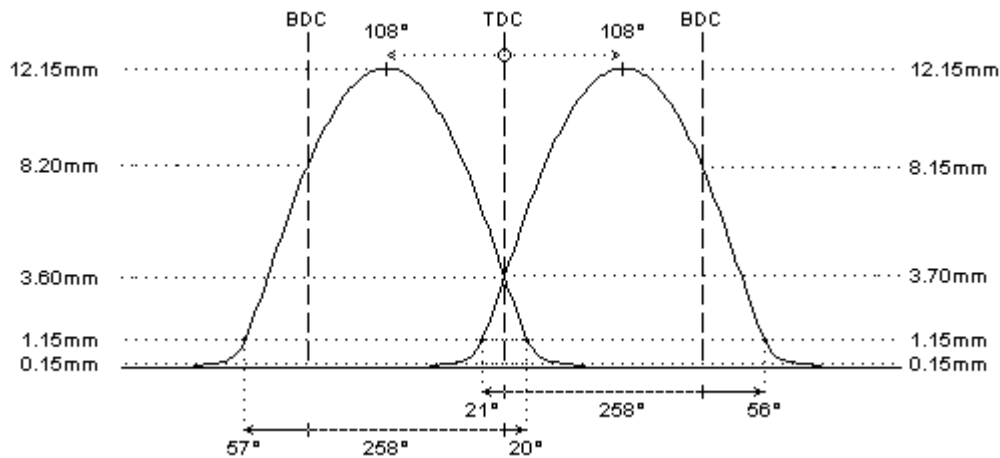
parts setup:

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 :

- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors
- # 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. these can have different shapes according the application:
 - plates available in different diameters and thickness
 - cups for different valve stem diameters. these center on either tappet or valve stem
 - other specific shapes available on request