

7608003

tarmac rally - race

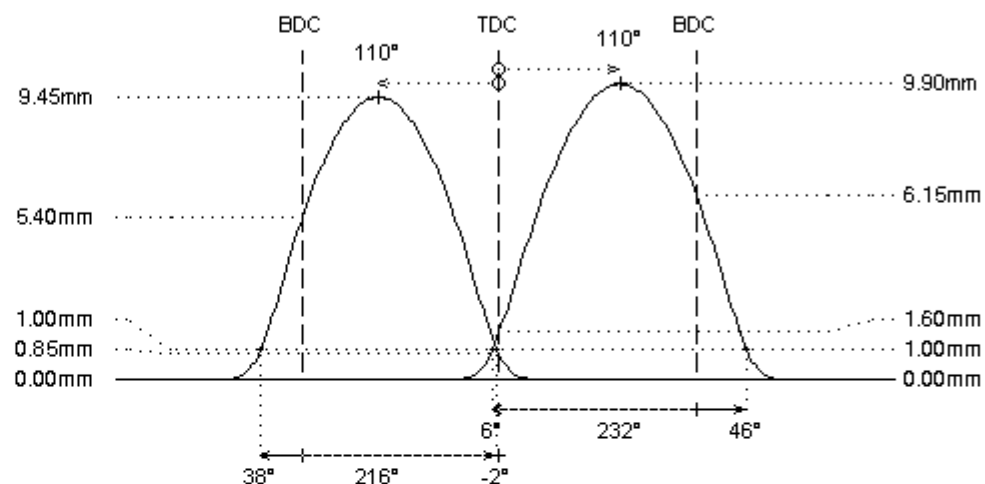
Volkswagen CAVE,CAVD,CTHE 1.4 TSI 170hp twincharged

I-4cyl 1.4L 16v DOHC



	intake	exhaust
camshaft data:		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 273°	257°
duration @ 1.0mm	: 232°	216°
valve lift	: 9.90mm	9.45mm
cam lift	: 5.30mm	5.05mm
lobe angle	: 110°	110°
timing @ 1.0mm	: 6° / 46°	38° / -2°
valve lift @ TDC	: 1.60mm	0.85mm
parts setup:		
cam wheels :	:	:
follower	: O.E.M.	: O.E.M.
valve lash	: O.E.M.	: O.E.M.
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99480/s	: 99480/s
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: PAC-E99864	: PAC-E99864
interior spring		
fitted load / length	: 26kg @ 31.3mm	: 26kg @ 31.3mm
max. load / lift	: 60kg @ 12.0mm	: 60kg @ 12.0mm

REMARKS :



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- # The exact valve timing data of the original camshafts are not known. Valve timing data are illustrated on estimated peak angle of 110°. The actual valve timing in the engine may be different, as well as the indicated lift at TDC.
- # Distance between valve and piston should be 1.0mm at least:
 - check 5-15° after TDC on intake
 - check 5-15° before TDC on exhaustMachine pistons if required. Wrong installation can cause severe engine damage!
- # VVT reprogramming, operating range adjustment or even eliminating the VVT system should be considered for camshafts with increased duration
- # ONLY for dirt track applications and pro street use with adjustable engine management or carburetors