

7607605

turbo conversion

Volkswagen AQP-AUE 150kW, connecting chain with VVT tensioner

VR-6cyl 2.8L 24v DOHC



camshaft data:

	intake	exhaust
lash ramp	: hydro	hydro
duration @ 0.1mm	: 280°	268°
duration @ 1.0mm	: 233°	221°
valve lift	: 12.00mm	11.00mm
cam lift	: 5.95mm	5.50mm
lobe angle	: 110°	120°
timing @ 1.0mm	: 6° / 47°	50° / -9°
valve lift @ TDC	: 1.65mm	0.45mm

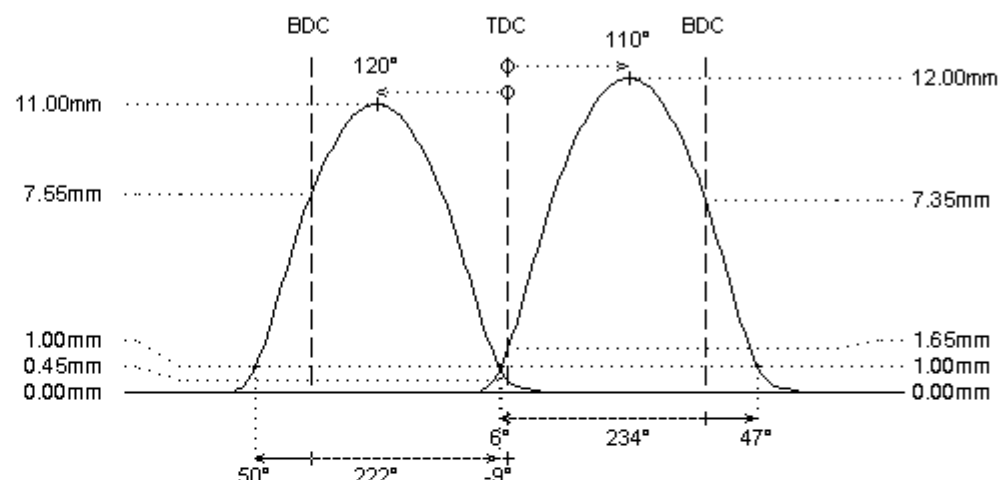
parts setup:

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	: 99312/s	: 99312/s
lower retainer	: INFO	: INFO
exterior spring	: PAC-S90015	: PAC-S90015
interior spring	:	:

fitted load / length	: 30kg @ 38.0mm	: 30kg @ 38.0mm
max. load / lift	: 79kg @ 13.0mm	: 79kg @ 13.0mm

REMARKS :

In order to fit the PAC-S90015 springs, machine outer diameter (+1mm) of valve spring groove in cylinder head.



REMARKS :

- camshafts for use in AQP-AUE (2.8L) engines with connecting chain and VVT tensioner between intake and exhaust

for TURBO conversion (atmospheric to turbo)

check distance between valve seal and retainer to be at least 0.6mm at full lift

Distance between valve and piston should be 1.0mm at least:

- check 5-15° after TDC on intake
- check 5-15° before TDC on exhaust

Machine pistons if required. Wrong installation can cause severe engine damage!

ONLY for dirt track applications and pro street use with adjustable engine management or carburetors