

1013669

sport

Audi AEB, AWT turbo engines

I-4cyl 1.8L 20v DOHC (DTH/DTH)



	intake	exhaust
camshaft data:		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 255°	249°
duration @ 1.0mm	: 218°	207°
valve lift	: 8.75mm	9.50mm
cam lift	:	
lobe angle	: 110°	108°
timing @ 1.0mm	: -1° / 39°	31° / -4°
valve lift @ TDC	: 0.90mm	0.60mm

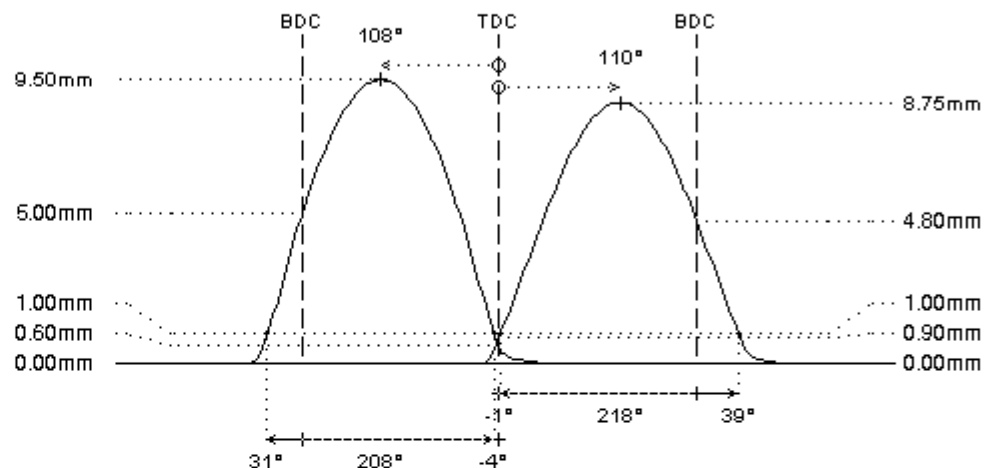
parts setup:

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	: O.E.M.	: O.E.M.
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: O.E.M.	: O.E.M.
interior spring	:	:

fitted load / length	: 19kg @ 34.5mm	: 35kg @ 31.1mm
max. load / lift	: 51kg @ 10.0mm	: 65kg @ 10.0mm

REMARKS :

225hp engines have an extra lower shim of 0.6mm at the exhaust spring due to higher turbo pressure. The maximum allowed lift when using the std spring setup is reduced to 9.4mm! It is required to modify the spring setup in this case.



REMARKS :

- # - chilled cast iron camshafts
- fitted with **2 non adjustable chain sprockets** at reference cam timing
- supplied with extra **adjustable chain sprocket** to optimize intake cam timing
- adjustable sprocket has reference hole with extra bolt

- # ECU reprogramming required