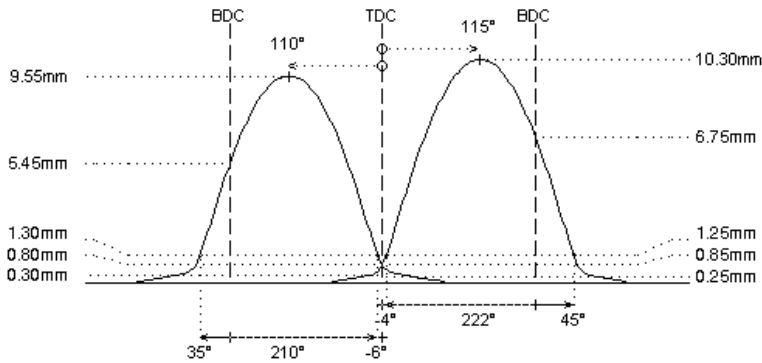




	intake	exhaust
<strong>camshaft data:</strong>		
lash ramp	: 0.25mm	0.30mm
duration @ 0.1mm	: 257°	254°
duration @ 1.0mm	: 221°	209°
valve lift	: 10.30mm	9.55mm
cam lift	: 10.30mm	9.55mm
lobe angle	: 115°	110°
timing @ 1.0mm	: -4° / 45°	35° / -6°
valve lift @ TDC	: 0.85mm	0.80mm
<strong>parts setup:</strong>		
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	: 0kg @ 0.0mm	: 0kg @ 0.0mm
max. load / lift	: 0kg @ 0.0mm	: 0kg @ 0.0mm

**REMARKS :**  
# original valve spring info is not available



**REMARKS :**

- # The VANOS (VVT) system on the intake camshaft changes the PD from 115° to 72°. The data are shown for full intake retard (disengaged VVT). Check distance between valves and piston to be 1mm at least. Wrong installation will cause severe engine damage!
- # ECU reprogramming required