

1305003

tarmac rally - race

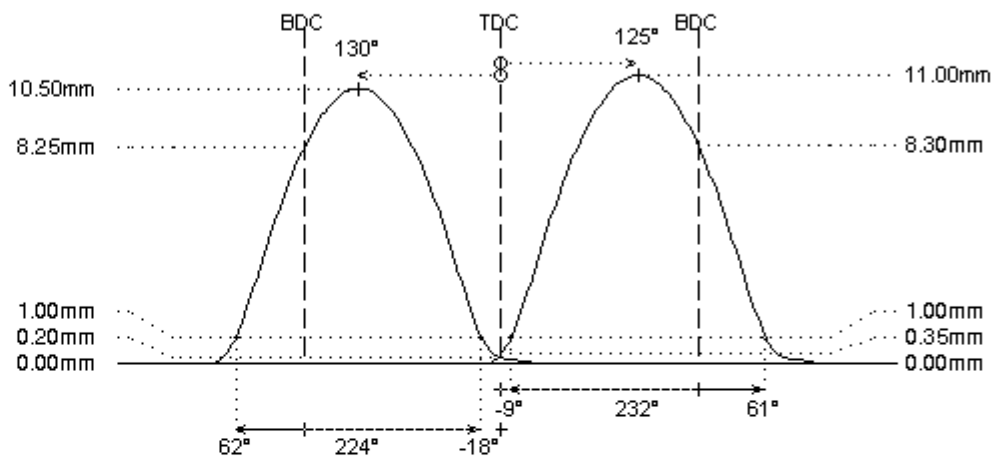
Bmw N54 306hp, vanos in+ex, biturbo

I-6cyl 3.0L 24v DOHC



	intake	exhaust
camshaft data:		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 283°	274°
duration @ 1.0mm	: 232°	224°
valve lift	: 11.00mm	10.50mm
cam lift	: 6.65mm	6.35mm
lobe angle	: 125°	130°
timing @ 1.0mm	: -9° / 61°	62° / -18°
valve lift @ TDC	: 0.35mm	0.20mm
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	: 27kg @ 37.5mm	: 30kg @ 35.7mm
max. load / lift	: 63kg @ 11.0mm	: 63kg @ 10.5mm

REMARKS :



REMARKS :

- # The VANOS (VVT) system on the intake camshaft changes the PD from 125° to 70°. The data are shown for full intake retard (disengaged VVT).
The VANOS (VVT) system on the exhaust camshaft changes the PD from 130° to 85°. The data are shown for full exhaust advance (disengaged VVT).
- # Check distance between valves and piston to be 1mm at least with VVT engaged. Wrong installation will cause severe engine damage!
- # ECU reprogramming required