

7105163

turbo conversion

Toyota 4A-GE

I-4cyl 1.6L 16v DOHC (DTs/DTs)



intake exhaust

camshaft data:

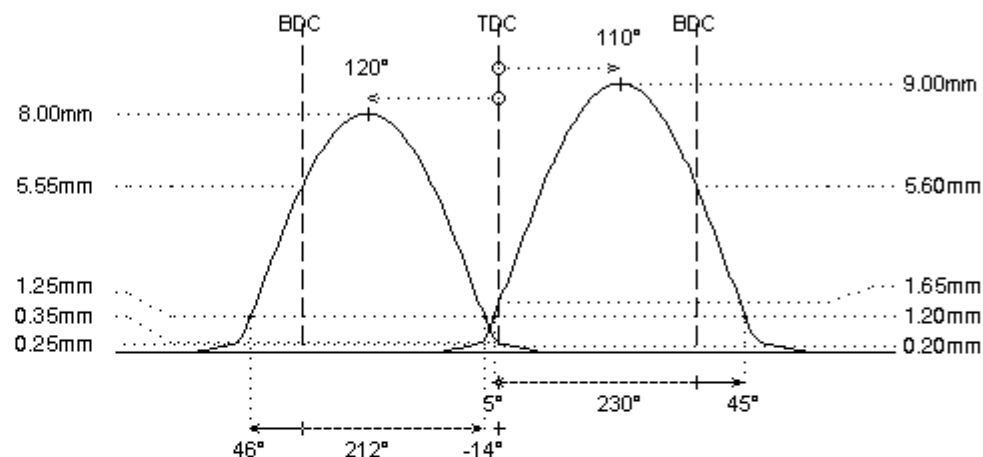
lash ramp	: 0.20mm	0.25mm
duration @ 0.1mm	: 262°	238°
duration @ 1.0mm	: 230°	212°
valve lift	: 9.00mm	8.00mm
cam lift	: 9.00mm	8.00mm
lobe angle	: 110°	120°
timing @ 1.0mm	: 5° / 45°	46° / -14°
valve lift @ TDC	: 1.65mm	0.35mm

parts setup:

cam wheels :	: CTT0018	: CTT0018
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	: 15kg @ 35.0mm	: 16kg @ 34.0mm
max. load / lift	: 45kg @ 9.0mm	: 45kg @ 8.0mm

REMARKS :



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- # ECU reprogramming required
- # for TURBO conversion (atmospheric to turbo)
- # check std valve spring setup for coil bind length and use valve spring kit if required