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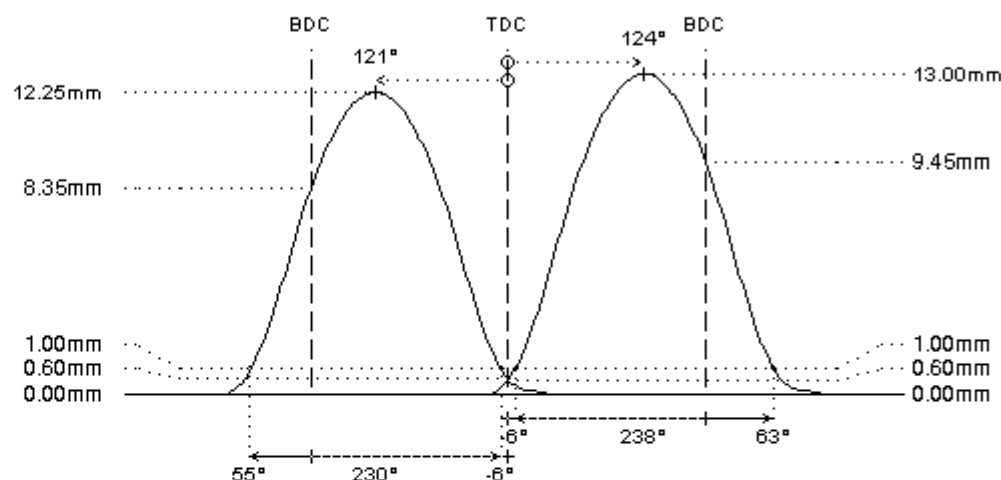
tarmac rally - race

Toyota 2GR-FE dual vvt
V-60°-6cyl 3.5L 24v QOHC



	intake	exhaust
camshaft data:		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 287°	279°
duration @ 1.0mm	: 237°	229°
valve lift	: 13.00mm	12.25mm
cam lift	: 7.55mm	7.25mm
lobe angle	: 124°	121°
timing @ 1.0mm	: -6° / 63°	55° / -6°
valve lift @ TDC	: 0.60mm	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	: PAC-S90015	: PAC-S90015
interior spring	:	:
fitted load / length	: 33kg @ 37.0mm	: 33kg @ 37.0mm
max. load / lift	: 85kg @ 13.0mm	: 85kg @ 13.0mm

REMARKS :



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- # Check distance between valves and piston to be 1mm at least with VVT engaged. Wrong installation will cause severe engine damage!
- # VVT reprogramming, operating range adjustment or even eliminating the VVT system should be considered for camshafts with increased duration
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors