

# 7105140

tarmac rally - race

Toyota 4A-GE

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



### intake

### exhaust

#### camshaft data:

lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 282°	275°
duration @ 1.0mm	: 254°	246°
valve lift	: 10.50mm	10.00mm
cam lift	: 10.50mm	10.00mm
lobe angle	: 106°	106°
timing @ 1.0mm	: 21° / 53°	49° / 17°
valve lift @ TDC	: 3.25mm	2.85mm

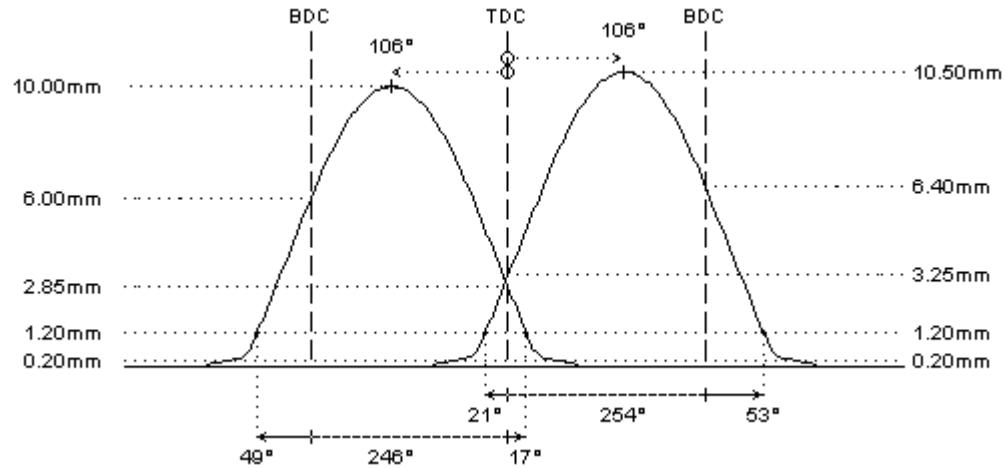
#### parts setup:

cam wheels :	: <b>CTTO018</b>	: <b>CTTO018</b>
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	: <b>99372/s</b>	: <b>99372/s</b>
lower retainer	: <b>✗ remove</b>	: <b>✗ remove</b>
exterior spring	: <b>PAC-E99862</b>	: <b>PAC-E99862</b>
interior spring		

fitted load / length	: 33kg @ 34.0mm	: 37kg @ 33.0mm
max. load / lift	: 87kg @ 12.5mm	: 87kg @ 11.5mm

#### REMARKS :

# retainers [ref. 99372] can only be used with original followers



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