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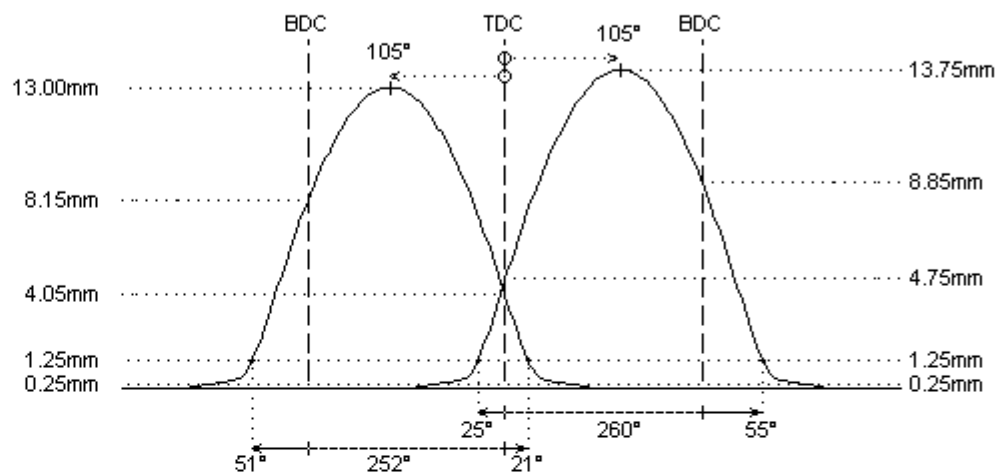
tarmac rally - race

Renault F4R.730 Clio II (VVT in, 172/180hp)

I-4cyl 2.0L 16v DOHC (RPRH/RPRH)



	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 302°	294°
duration @ 1.0mm	: 260°	252°
valve lift	: 13.75mm	13.00mm
cam lift	: 9.65mm	9.20mm
lobe angle	: 105°	105°
timing @ 1.0mm	: 25° / 55°	51° / 21°
valve lift @ TDC	: 4.75mm	4.05mm
parts setup:		
cam wheels :	: CTRE006	: CTRE006
follower	: CAT005	: CAT005
valve lash	: TS100	: TS100
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99536	: 99536
lower retainer	: 99528	: 99528
exterior spring	: PAC-E19864	: PAC-E19864
interior spring	: PAC-I19864	: PAC-I19864
fitted load / length	: 29kg @ 33.5mm	: 29kg @ 33.5mm
max. load / lift	: 90kg @ 14.5mm	: 90kg @ 14.5mm



REMARKS :

- # - camshafts for use with **CATCAMS** slipper kit (cam lobes are not compatible with other rocker arm systems)
- cylinder head need to be machined to fit the rocker arm system (service available from CATCAMS)
- please indicate if VVT on intake (like original) should be remained
- # **FOR COMPETITION APPLICATIONS ONLY.** Following details must be verified:
 - the camshafts must turn smooth in the cylinderhead, provide free travel by machining where needed
 - distance between valve seal and retainer at full lift must be 0.6mm at least
 - minimum valve spring travel of 1.0mm at full lift must be provided
 - distance between valve and piston 1.0mm (pref. 1.5mm). check 5-15° before TDC on exhaust, and after TDC on intake
- # **ONLY** for use in competition engines with independent engine management (throttle position sensor) or carburetors

REMARKS :

- # cam follower setup for CAT CAMS slipper follower kit:
- # slipper cam follower: CAT005
- connector shaft: CAT006
- cam follower post: CAT007
- lash cap: TS-100 (lash adjustment on valve tip)

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