

5502551

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	: 0.20mm	0.20mm
duration @ 0.1mm	: 288°	288°
duration @ 1.0mm	: 251°	251°
valve lift	: 11.50mm	11.50mm
cam lift	: 11.50mm	11.50mm
lobe angle	: 106°	106°
timing @ 1.0mm	: 19° / 52°	52° / 19°
valve lift @ TDC	: 3.35mm	3.35mm
parts setup:		
cam wheels :	:	:
follower	: CC083	: CC083
valve lash	: TS103	: TS103
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-E99862	: PAC-E99862
interior spring	:	:
fitted load / length	: 31kg @ 34.5mm	: 31kg @ 34.5mm
max. load / lift	: 85kg @ 12.5mm	: 85kg @ 12.5mm

REMARKS :

modify hydraulic elements to mechanic or replace by solid mechanic elements with lash caps TS103 underneath

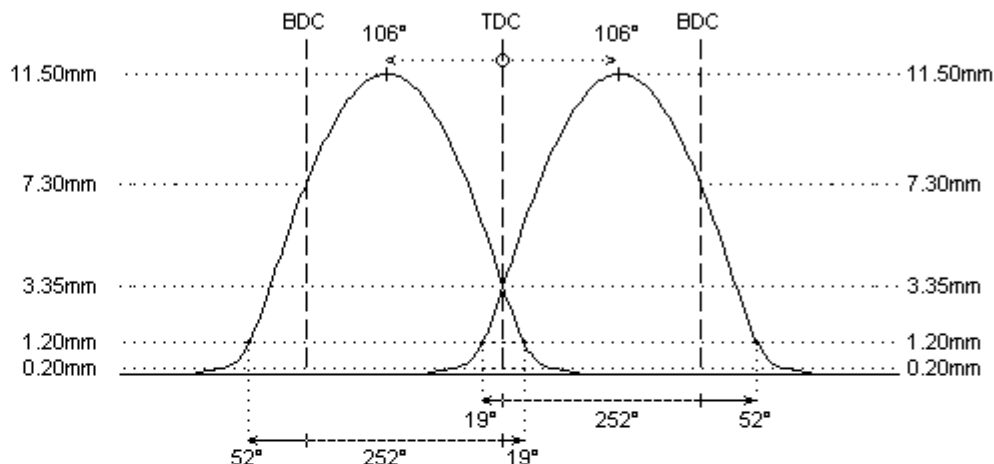
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Inlet Valves:

9255001 d5.50 // D33.4 // L110.0

Exhaust Valves:

9255002 d5.50 // D29.1 // L109.0



REMARKS :

camshafts for use with VVT on intake (like original)

to use double spring [ref. 902-2009] on retainer [ref. 99388]:
remove O.E.M. valve seal and use flat shim to adjust fitted spring length

convert O.E.M. hydraulic rocker arm stud to mechanic by fitting solid element

The original intake camshaft is equipped with a VVT (vanos) system. Catcams can supply this camshaft
1/ for use with VVT system (similar to original intake camshaft)
- > 55024xx (hydro) / 55025xx (mech)

2/ for use without VVT system an adjustable pulley ref. CTRE006 (similar to exhaust camshaft)
- > 55034xx (hydro) / 55035xx (mech)

IMPORTANT:

- the timing data are shown for use without VVT system and fixed pulley
- **when ordering, please indicate the type of intake cam you need by using the correct partnumber code**

ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors