

6300114

tarmac rally - race

Simca / Talbot Rally 1-2-3

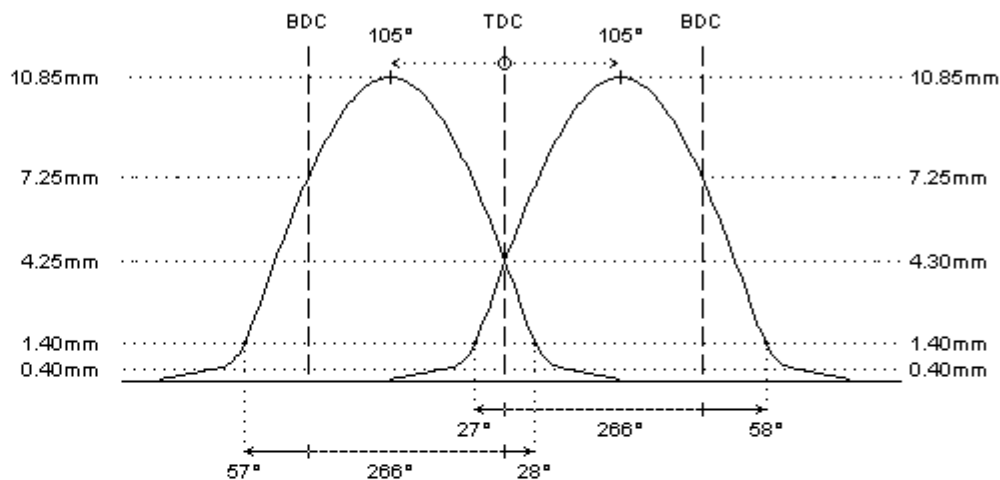
I-4cyl 1.3L 8v OHV (FT/FT)



| | intake | exhaust |
|-----------------------|-----------------|-----------------|
| camshaft data: | | |
| lash ramp | : 0.40mm | 0.40mm |
| duration @ 0.1mm | : 308° | 308° |
| duration @ 1.0mm | : 265° | 265° |
| valve lift | : 10.85mm | 10.85mm |
| cam lift | : 7.25mm | 7.25mm |
| lobe angle | : 105° | 105° |
| timing @ 1.0mm | : 27° / 58° | 57° / 28° |
| valve lift @ TDC | : 4.30mm | 4.25mm |
| parts setup: | | |
| cam wheels : | : | : |
| follower | : CAT063 | : CAT063 |
| 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-S10011 | : PAC-S10011 |
| interior spring | : | : |
| fitted load / length | : 42kg @ 36.6mm | : 42kg @ 36.6mm |
| max. load / lift | : 99kg @ 11.5mm | : 99kg @ 11.5mm |

REMARKS :

check distance between valve seal and retainer to be at least 0.6mm at full lift



REMARKS :

- # Two types of camshafts exist in the small block Simca engines:
 - 63001xx: camshaft with 2 helix gears and anti clockwise rotation (used in the Rally 1/2/3)
 - 63004xx: camshaft with 1 helix gear and clockwise rotation (used in 1100Ti/Bagheera)
- # 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