

4600547

tarmac rally - race

Opel OHC big block (1.6 > 2.0L)

I-4cyl 2.0L 8v SOHC (RPH/RPH)



intake

exhaust

camshaft data:

| | | |
|------------------|-------------|-----------|
| lash ramp | : hydro | hydro |
| duration @ 0.1mm | : 300° | 300° |
| duration @ 1.0mm | : 259° | 259° |
| valve lift | : 12.15mm | 12.15mm |
| cam lift | : 7.15mm | 7.15mm |
| lobe angle | : 111° | 111° |
| timing @ 1.0mm | : 17° / 62° | 62° / 17° |
| valve lift @ TDC | : 2.90mm | 2.90mm |

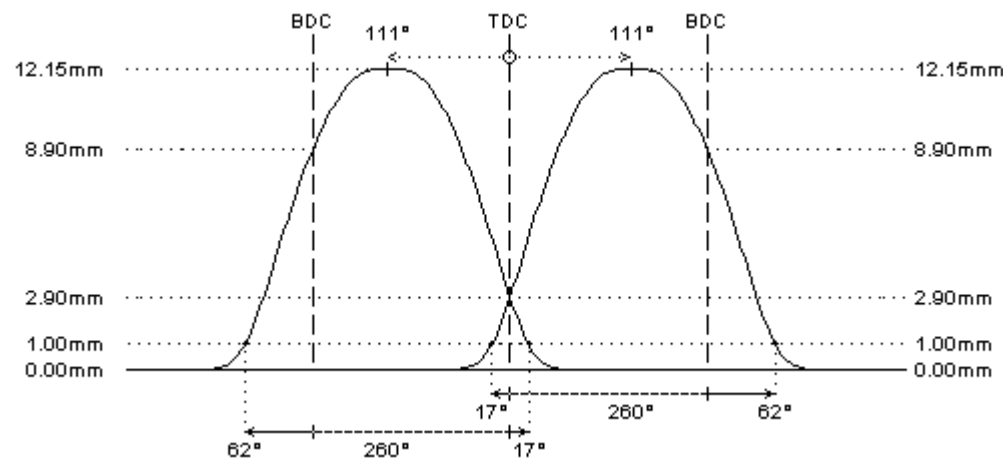
parts setup:

| | | |
|-----------------|--------------------------|--------------------------|
| 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 | : ✗ not available | : ✗ not available |
| interior spring | : | : |

| | | |
|----------------------|---------------|---------------|
| fitted load / length | : 0kg @ 0.0mm | : 0kg @ 0.0mm |
| max. load / lift | : 0kg @ 0.0mm | : 0kg @ 0.0mm |

REMARKS :

Many different valve spring setups have been used in these engines.
In most cases, the std spring can be replaced by **PAC-S99008** or **PAC-S99010** (check diameter). Please contact Cat Cams if a different setup must be used due to fitting, coil bind or valve float



REMARKS :

- # 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