

**3701209**

tarmac rally - race

Mazda B6 /turbo hydraulic cam followers

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

**intake****exhaust****camshaft data:**

|                  |             |           |
|------------------|-------------|-----------|
| lash ramp        | : hydro     | hydro     |
| duration @ 0.1mm | : 274°      | 266°      |
| duration @ 1.0mm | : 246°      | 238°      |
| valve lift       | : 10.90mm   | 10.45mm   |
| cam lift         | :           |           |
| lobe angle       | : 106°      | 106°      |
| timing @ 1.0mm   | : 17° / 49° | 45° / 13° |
| valve lift @ TDC | : 2.95mm    | 2.50mm    |

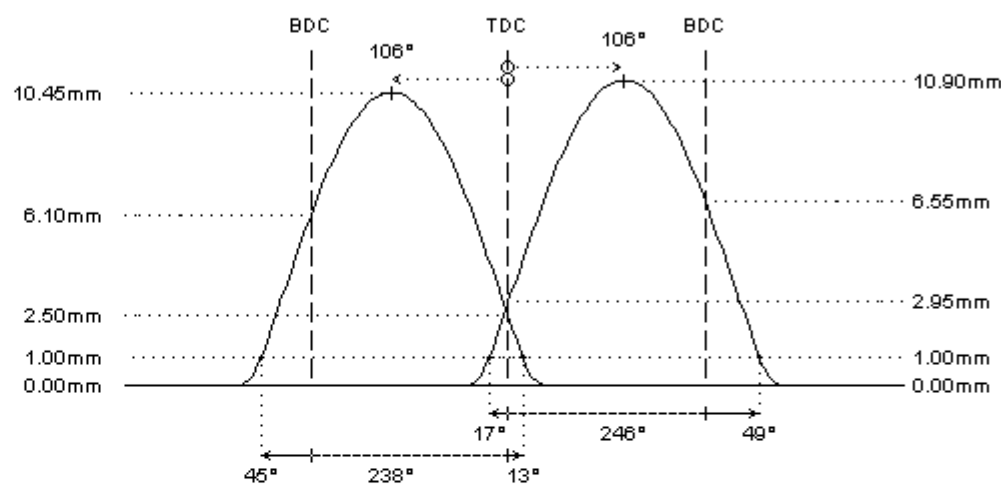
**parts setup:**

|                 |               |               |
|-----------------|---------------|---------------|
| 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 | :  PAC-S90015 | :  PAC-S90015 |
| interior spring | :             | :             |

|                      |                 |                 |
|----------------------|-----------------|-----------------|
| fitted load / length | : 25kg @ 39.5mm | : 25kg @ 39.5mm |
| max. load / lift     | : 73kg @ 13.0mm | : 73kg @ 13.0mm |

**REMARKS :**

# if required, use extra shims to increase spring load

**REMARKS :**

- # camshafts for use in 1598cc B6 engines:
  - long intake camshaft with sleeve for distributor drive
  - short exhaust camshaft
- # 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