# 3701208

**tarmac rally - race**

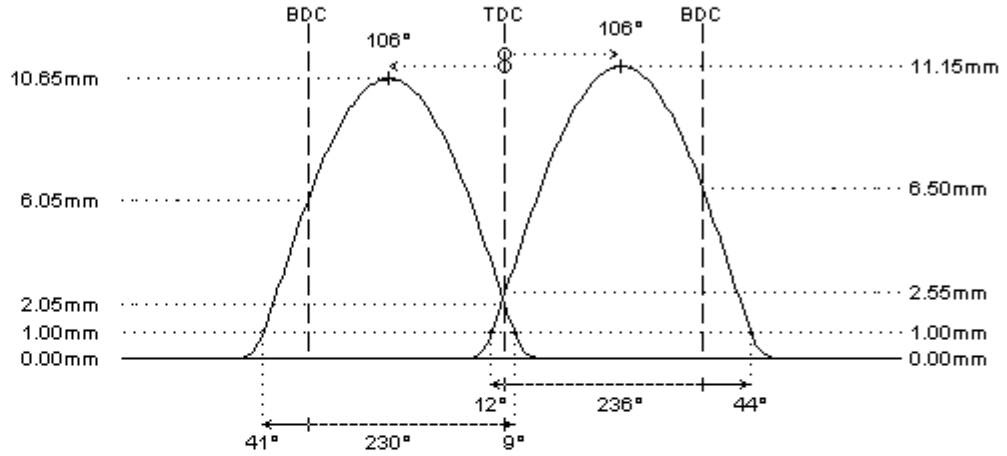
Mazda B6 /turbo hydraulic cam followers

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

| | intake | exhaust |
|---|---|---|
| **camshaft data:** | | |
| lash ramp | : hydro | hydro |
| duration @ 0.1mm | : 264° | 258° |
| duration @ 1.0mm | : 236° | 230° |
| valve lift | : 11.15mm | 10.65mm |
| cam lift | : | |
| lobe angle | : 106° | 106° |
| timing @ 1.0mm | : 12° / 44° | 41° / 9° |
| valve lift @ TDC | : 2.55mm | 2.05mm |
| **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 camshafs 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 dirt track applications and pro street use with adjustable engine management or carburettors