

# 3701259

hot street - dirt track

Mazda B6 /turbo hydraulic cam followers

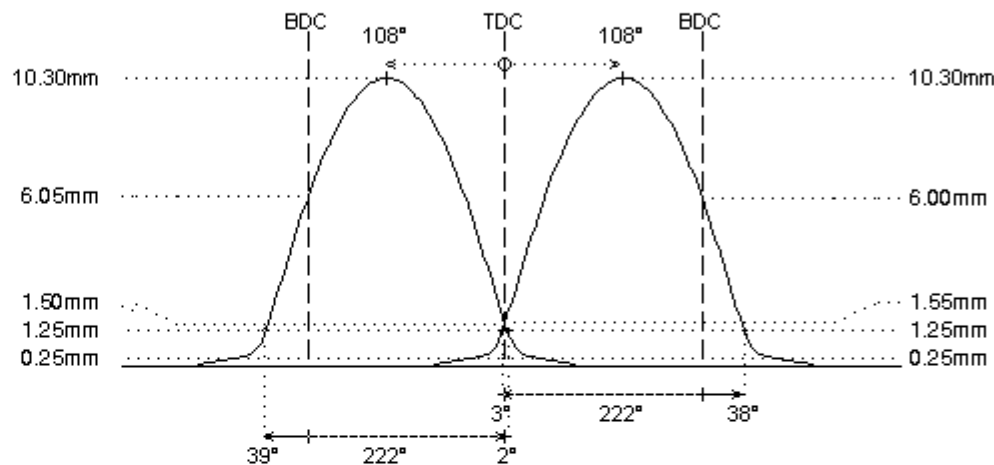
I-4cyl 1.6L 16v DOHC (DTH/DTH)



|                       | intake          | exhaust         |
|-----------------------|-----------------|-----------------|
| <b>camshaft data:</b> |                 |                 |
| lash ramp             | : 0.25mm        | 0.25mm          |
| duration @ 0.1mm      | : 257°          | 257°            |
| duration @ 1.0mm      | : 221°          | 221°            |
| valve lift            | : 10.30mm       | 10.30mm         |
| cam lift              | :               |                 |
| lobe angle            | : 108°          | 108°            |
| timing @ 1.0mm        | : 3° / 38°      | 39° / 2°        |
| valve lift @ TDC      | : 1.55mm        | 1.50mm          |
| <b>parts setup:</b>   |                 |                 |
| cam wheels :          | :               | :               |
| follower              | :  CC017        | :  CC017        |
| valve lash            | :  TS102        | :  TS102        |
| 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
- # massflow or throttle position sensor required for reprogramming, MAP sensor will not function properly
- # 31mm cam followers are required
- # 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