

3701411

hot street - dirt track

Mazda BP-4W Solid cam followers

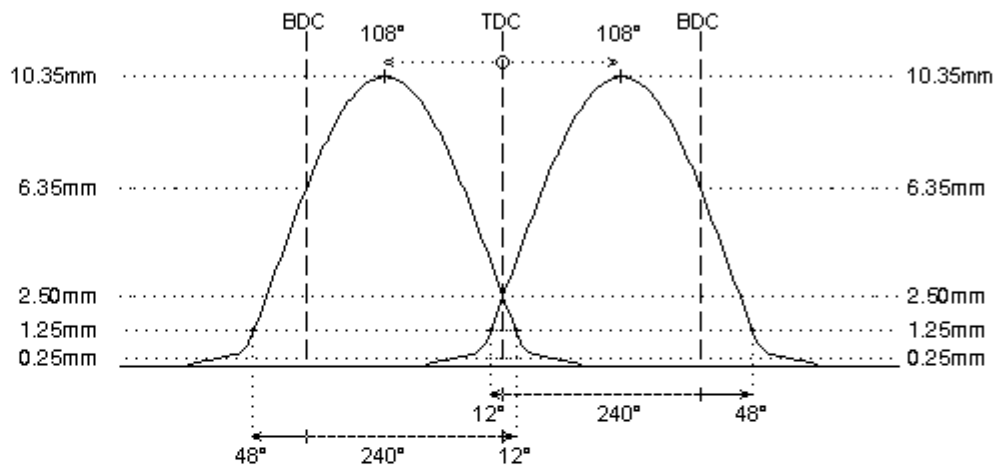
I-4cyl 1.8L 16v DOHC (DTs/DTs)



	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 286°	286°
duration @ 1.0mm	: 240°	240°
valve lift	: 10.35mm	10.35mm
cam lift	: 10.35mm	10.35mm
lobe angle	: 108°	108°
timing @ 1.0mm	: 12° / 48°	48° / 12°
valve lift @ TDC	: 2.50mm	2.50mm
parts setup:		
cam wheels :	: CTMA023	: CTMA023
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	: O.E.M.	: O.E.M.
interior spring		
fitted load / length	: 18kg @ 39.3mm	: 18kg @ 39.3mm
max. load / lift	: 55kg @ 11.0mm	: 55kg @ 11.0mm

REMARKS :

valve locks and retainers are not interchangeable with parts of the earlier BP cylinder head with hydraulic cam followers

**REMARKS :**

- # Camshafts for use with OEM mechanical cam followers. Please check the following dimensions before ordering:
 - short intake camshaft
 - long exhaust camshaft, grooves in cam bearings, slot for distributor drive
 - cam follower diameter: 30.0mm
 - shim diameter: 27.0mm (between cam and cam follower)
- # 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
- # STD valve springs can be used until STD rpm limit
- # stand alone ECU based on throttle position sensor advised