

4601526

hot street - dirt track

Opel CIH 16v (1.6 > 2.4L)

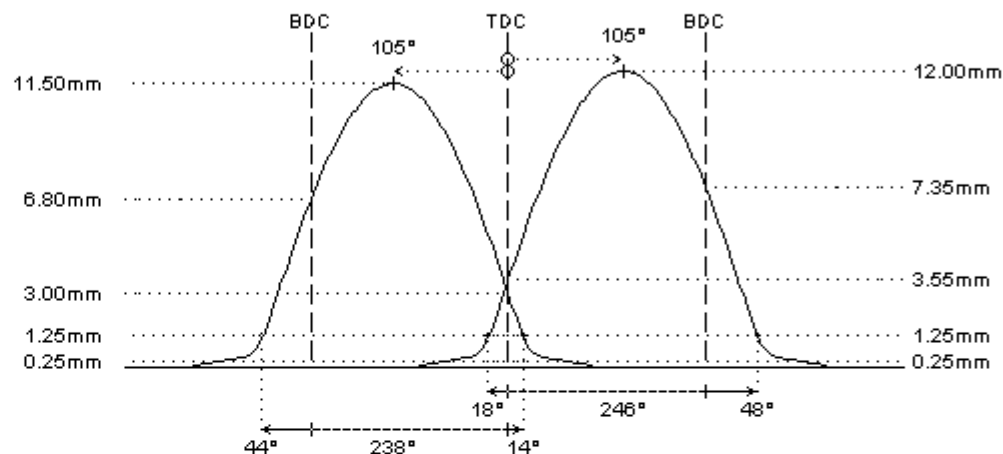
I-4cyl 2.0L 16v DOHC (DTH/DTH)



	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 293°	284°
duration @ 1.0mm	: 246°	238°
valve lift	: 12.00mm	11.50mm
cam lift	:	
lobe angle	: 105°	105°
timing @ 1.0mm	: 18° / 48°	44° / 14°
valve lift @ TDC	: 3.55mm	3.00mm
parts setup:		
cam wheels :	:	:
follower	: CC004	: CC004
valve lash	: TS102	: TS102
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99341	: 99341
lower retainer	: remove	: remove
exterior spring	: PAC-E92009	: PAC-E92009
interior spring	: PAC-I92009	: PAC-I92009
fitted load / length	: 30kg @ 34.0mm	: 30kg @ 34.0mm
max. load / lift	: 92kg @ 12.5mm	: 92kg @ 12.5mm

REMARKS :

remove std lower retainer and use solid shims to adjust spring load (1.5mm approx.)



REMARKS :

- # - steel billet camshafts
- for use in shortened 6cyl 24v head on 4cyl CIH engine block
- # - valve clearance is to be adjusted using mechanical lash caps
- please make sure that the lash cap does not touch the valve locks !
- # 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