

4603010

tarmac rally - race

Opel X20XEV big block ecotec (X18XEV-2.0L-2.2L)

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



intake

exhaust

camshaft data:

lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 288°	280°
duration @ 1.0mm	: 262°	254°
valve lift	: 12.50mm	12.00mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 25° / 57°	53° / 21°
valve lift @ TDC	: 4.45mm	3.95mm

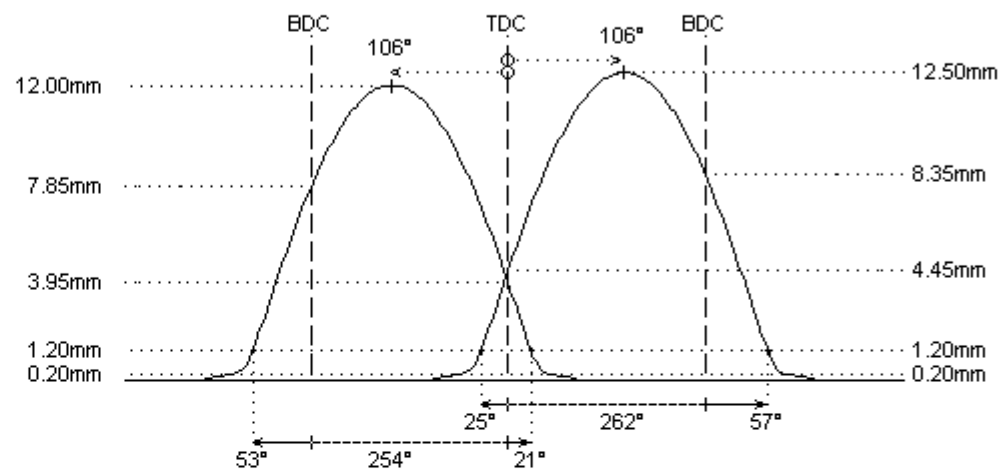
parts setup:

cam wheels :	: CTOPK01	: CTOPK01
follower	: CC004	: CC004
valve lash	: TS101	: TS101
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99145/H	: 99145/H
lower retainer	: remove	: remove
exterior spring	: PAC-E92009	: PAC-E92009
interior spring	: PAC-I92009	: PAC-I92009

fitted load / length	: 39kg @ 33.0mm	: 39kg @ 33.0mm
max. load / lift	: 101kg @ 12.5mm	: 101kg @ 12.5mm

REMARKS :

replace OEM lower retainer to obtain a correct installation / fitted length
(currently not available)



REMARKS :

- camshafts for use in X18XEV-2.0L-2.2L long block 'ecotec' engines