

7900149

tarmac rally - race

Volvo B20

I-4cyl 2.0L 8v OHV



intake **exhaust**

camshaft data:

lash ramp	: 0.38mm	0.38mm
duration @ 0.1mm	: 306°	306°
duration @ 1.0mm	: 256°	256°
valve lift	: 11.80mm	11.80mm
cam lift	: 7.75mm	7.75mm
lobe angle	: 106°	106°
timing @ 1.0mm	: 22° / 54°	54° / 22°
valve lift @ TDC	: 3.95mm	3.95mm

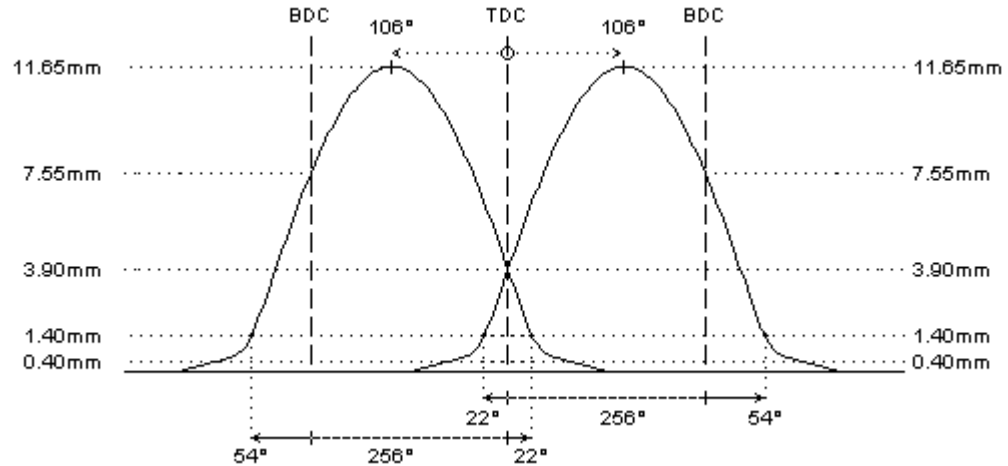
parts setup:

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	: ✗ not available	: ✗ not available
lower retainer	: ✗ not available	: ✗ not available
exterior spring	: ✗ not available	: ✗ not available
interior spring	:	:

fitted load / length	: 0kg @ 0.0mm	: 0kg @ 0.0mm
max. load / lift	: 0kg @ 0.0mm	: 0kg @ 0.0mm

REMARKS :

check std valve spring setup for coil bind length and use valve spring # kit if required
valve spring kit can be developed on request



REMARKS :

- # - These camshafts fit B18 and B20 pushrod engines. Volvo has used different camshaft specifications, please check cam base diameter and cam height when ordering sports camshafts. Depending on the engine version and application, extra modifications may be required.
 - steel billets with pump lobe between 2nd-3rd cam, and gear between 6th-7th cam
- # 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 use in competition engines with independent engine management (throttle position sensor) or carburettors