

# 7900149

tarmac rally - race

Volvo B20

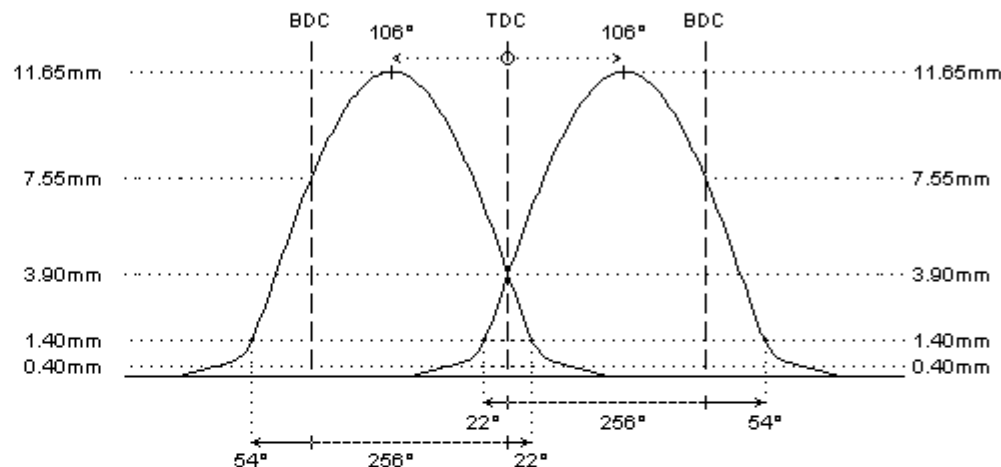
I-4cyl 2.0L 8v OHV



	intake	exhaust
<b>camshaft data:</b>		
lash ramp	: 0.40mm	0.40mm
duration @ 0.1mm	: 306°	306°
duration @ 1.0mm	: 256°	256°
valve lift	: 11.65mm	11.65mm
cam lift	: 7.75mm	7.75mm
lobe angle	: 106°	106°
timing @ 1.0mm	: 22° / 54°	54° / 22°
valve lift @ TDC	: 3.90mm	3.90mm
<b>parts setup:</b>		
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	: <b>✗ not available</b>	: <b>✗ not available</b>
lower retainer	: <b>✗ not available</b>	: <b>✗ not available</b>
exterior spring	: <b>✗ not available</b>	: <b>✗ not available</b>
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 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