

1030412

hot street - dirt track

Alfa Romeo

B-4cyl 1.7L 8v SOHC (DT/DT)



intake **exhaust**

camshaft data:

lash ramp	: 0.25mm	0.30mm
duration @ 0.1mm	: 286°	287°
duration @ 1.0mm	: 252°	245°
valve lift	: 11.65mm	11.25mm
cam lift	: 11.65mm	11.25mm
lobe angle	: 106°	106°
timing @ 1.0mm	: 20° / 52°	49° / 16°
valve lift @ TDC	: 3.90mm	3.30mm

parts setup:

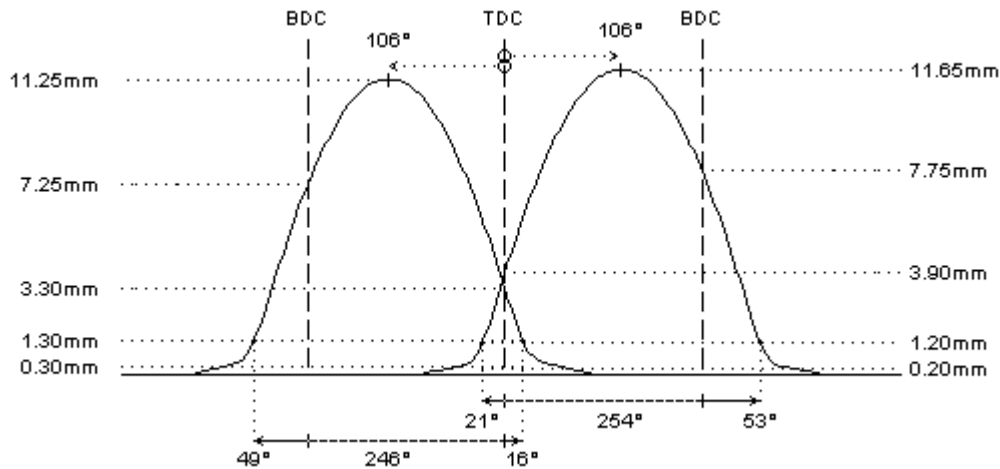
cam wheels :	:	:
follower	: ✗ N/A	: ✗ N/A
valve lash	: ✗ N/A	: ✗ N/A
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: ✗ not available	: ✗ not available
lower retainer	: ✗ not available	: ✗ not available
exterior spring	: ✗ not available	: ✗ not available
interior spring	:	:

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

REMARKS :

original valve spring info is not available
valve spring kit can be developed on request

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REMARKS :

- # - steel billet camshafts
- bearing dimensions: 34.94 - **46.44** - 46.94mm
- cam followers: mechanic (used in early 1.7L engines, replaced by hydraulic lash adjustment afterwards)
- # 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
- # double carburetors or throttle bodies with free programmable ECU advised