

# 1030413

hot street - dirt track

Alfa Romeo

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



**intake**                      **exhaust**

**camshaft data:**

lash ramp	: 0.20mm	0.25mm
duration @ 0.1mm	: 293°	286°
duration @ 1.0mm	: 262°	252°
valve lift	: 12.20mm	11.65mm
cam lift	: 12.20mm	11.65mm
lobe angle	: 104°	104°
timing @ 1.0mm	: 27° / 55°	50° / 22°
valve lift @ TDC	: 4.75mm	4.20mm

**parts setup:**

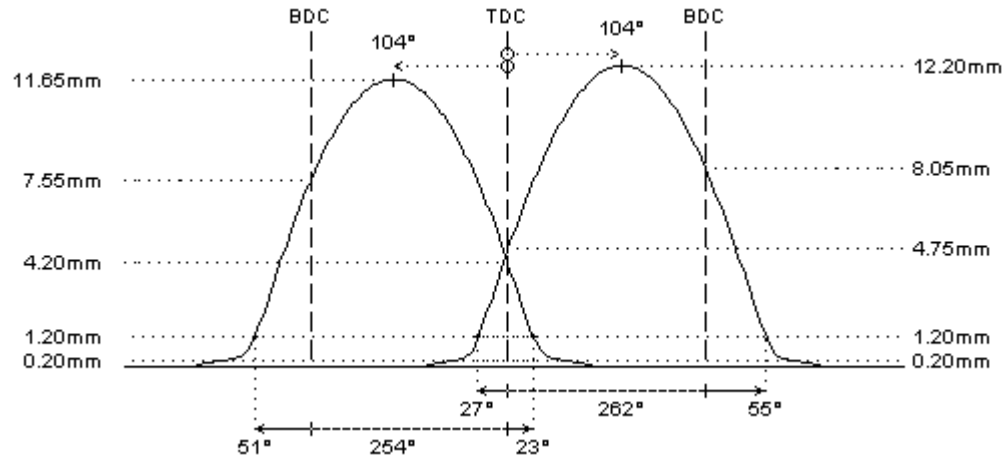
cam wheels :	:	:
follower	: <b>✗ N/A</b>	: <b>✗ N/A</b>
valve lash	: <b>✗ N/A</b>	: <b>✗ N/A</b>
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: <b>✗ not available</b>	: <b>✗ not available</b>
lower retainer	: <b>✗ not available</b>	: <b>✗ not available</b>
exterior spring	: <b>✗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

# 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 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
  
- # double carburettors or throttle bodies with free programmable ECU advised