

# 4900375

tarmac rally - race

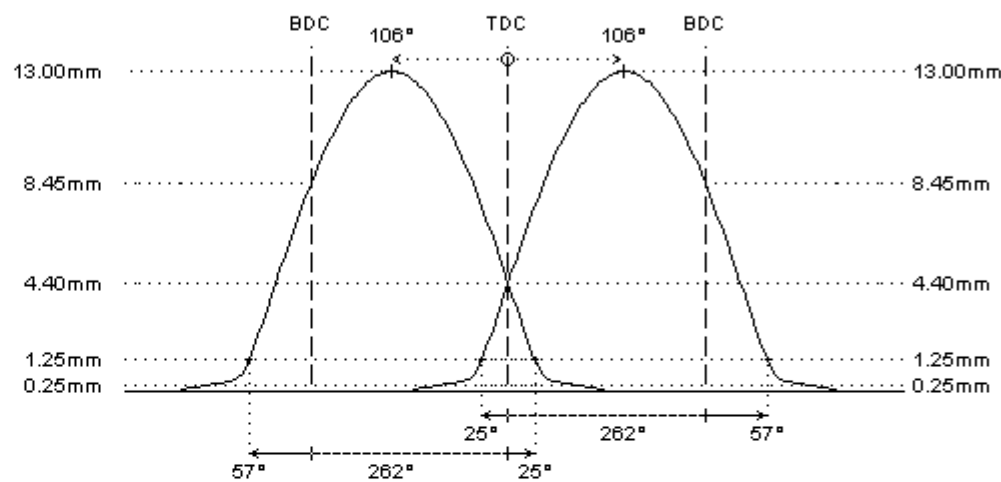
Citroën XU9J2 (D6A) 105mm valves

I-4cyl 1.9L 8v SOHC (DT/DT)



|                       | intake           | exhaust          |
|-----------------------|------------------|------------------|
| <b>camshaft data:</b> |                  |                  |
| lash ramp             | : 0.25mm         | 0.25mm           |
| duration @ 0.1mm      | : 305°           | 305°             |
| duration @ 1.0mm      | : 262°           | 262°             |
| valve lift            | : 13.00mm        | 13.00mm          |
| cam lift              | :                |                  |
| lobe angle            | : 106°           | 106°             |
| timing @ 1.0mm        | : 25° / 57°      | 57° / 25°        |
| valve lift @ TDC      | : 4.40mm         | 4.40mm           |
| <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        | :  99331         | :  99331         |
| lower retainer        | :  99331/O       | :  99331/O       |
| exterior spring       | :  PAC-E99859    | :  PAC-E99859    |
| interior spring       | :  PAC-I99859    | :  PAC-I99859    |
| fitted load / length  | : 41kg @ 34.0mm  | : 41kg @ 34.0mm  |
| max. load / lift      | : 118kg @ 14.0mm | : 118kg @ 14.0mm |

REMARKS :



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- # without fuel pump lobe
- # XU engines: 2 different valve length steems have been used (109mm & 105mm). This has an influence on the fitted length of the valve spring.  
The lower retainer supplied with the upper retainer [ref. 99331] will in most cases provide the proper fitted length of 35-36mm for the springs [ref.99859]. If not please machine or adapt the lower retainer
- # 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