

# 4903274

tarmac rally - race

Citroën XU10J4RS 167hp

I-4cyl 2.0L 16v DOHC (DTH/DTH)



**intake**                      **exhaust**

**camshaft data:**

lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 290°	282°
duration @ 1.0mm	: 252°	244°
valve lift	: 12.00mm	11.50mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 20° / 52°	48° / 16°
valve lift @ TDC	: 3.75mm	3.20mm

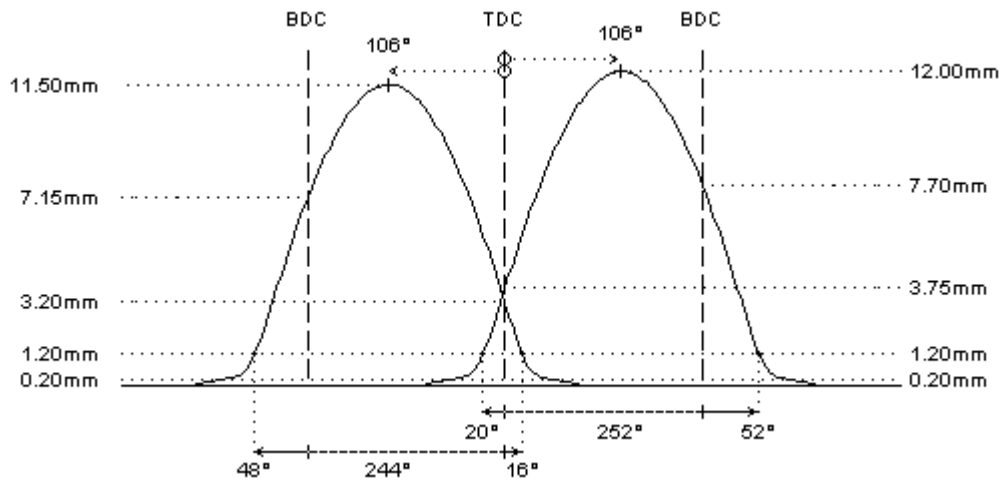
**parts setup:**

cam wheels :	: <b>CTPE003</b>	: <b>CTPE003</b>
follower	: <b>CC004</b>	: <b>CC004</b>
valve lash	: <b>TS101</b>	: <b>TS101</b>
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: <b>99317/s</b>	: <b>99317/s</b>
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: <b>PAC-E92009</b>	: <b>PAC-E92009</b>
interior spring	: <b>PAC-I92009</b>	: <b>PAC-I92009</b>

fitted load / length	: 30kg @ 34.0mm	: 33kg @ 33.5mm
max. load / lift	: 100kg @ 14.0mm	: 100kg @ 13.5mm

**REMARKS :**

#		#
Inlet Valves:		#
9249001 d6.00 // D34.1 // L106.4		#
Exhaust Valves:		#
9249004 d6.00 // D31.0 // L102.9		#



**REMARKS :**

- # - cast iron camshafts
- groove on exhaust camshaft
  
- # 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
  
- # valve clearance is to be adjusted using mechanical lash caps. these can have different shapes according the application:
  - plates available in different diameters and thickness
  - cups for different valve stem diameters. these center on either tappet or valve stem
  - other specific shapes available on request

# ONLY for use in competition engines with independent engine management (throttle position sensor) or carburettors