

5220713

tarmac rally - race

Porsche 968

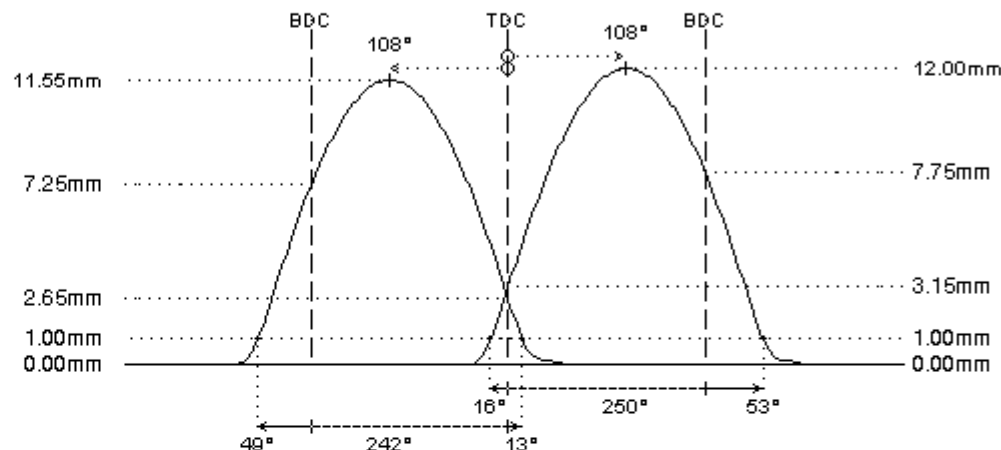
I-4cyl 3.0L 16v DOHC

**intake****exhaust****camshaft data:**

lash ramp	: hydro	hydro
duration @ 0.1mm	: 288°	283°
duration @ 1.0mm	: 249°	242°
valve lift	: 12.00mm	11.55mm
cam lift	: 12.00mm	11.55mm
lobe angle	: 108°	108°
timing @ 1.0mm	: 16° / 53°	49° / 13°
valve lift @ TDC	: 3.15mm	2.65mm

parts setup:

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	: 99322/s	: 99322/s
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: PAC-E95009	: PAC-E95009
interior spring	: PAC-I95009	: PAC-I95009
fitted load / length	: 34kg @ 36.0mm	: 39kg @ 35.0mm
max. load / lift	: 110kg @ 14.0mm	: 110kg @ 13.0mm

REMARKS :**REMARKS :**

- # - 52207xx: camshafts for use in 968 engine (18 teeth, VVT tensioner - centerlines vary, hydraulic tappets)
- 52208xx: camshafts for use in 968 engine (18 teeth, VVT tensioner - centerlines vary, mechanical tappets)
- # 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