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tarmac rally - race

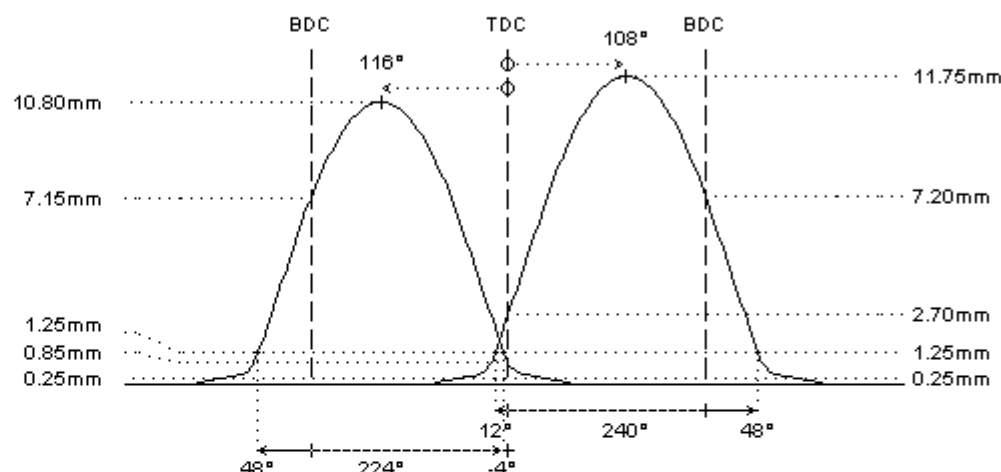
Subaru

B-4cyl 2.5L 16v DOHC (DTs/DTs)



	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 274°	262°
duration @ 1.0mm	: 240°	224°
valve lift	: 11.75mm	10.80mm
cam lift	:	
lobe angle	: 108°	116°
timing @ 1.0mm	: 12° / 48°	48° / -4°
valve lift @ TDC	: 2.70mm	0.85mm
parts setup:		
cam wheels :	:	:
follower	: CC002	: CC002
valve lash	: TS101	: TS101
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: O.E.M.	: O.E.M.
lower retainer	: 99502/O	: 99502/O
exterior spring	: PAC-S90015	: PAC-S90015
interior spring	:	:
fitted load / length	: 30kg @ 38.0mm	: 30kg @ 38.0mm
max. load / lift	: 77kg @ 12.5mm	: 77kg @ 12.5mm

REMARKS :



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- # - bearing diameters: 32.0mm - 28.0mm - 28.0mm
- cam base diameter: 34.0mm
- cam followers: mechanic tappet 33mm with 30mm shim
- # 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
- # These profiles require race cam followers with shim between cam follower and valve (shim under follower). It is not possible to use these profiles on std cam followers with the shim between the follower and the cam (shim over follower).