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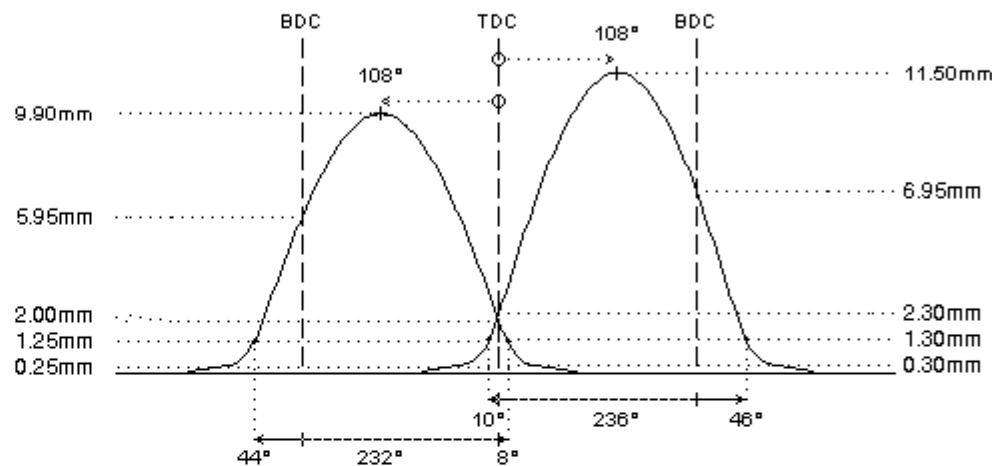
hot street - dirt track

Subaru H4SO

B-4cyl 2.5L 16v SOHC (RPR/RPR)



	intake	exhaust
camshaft data:		
lash ramp	: 0.28mm	0.23mm
duration @ 0.1mm	: 274°	273°
duration @ 1.0mm	: 236°	232°
valve lift	: 11.50mm	9.90mm
cam lift	: 6.25mm	6.25mm
lobe angle	: 108°	108°
timing @ 1.0mm	: 10° / 46°	44° / 8°
valve lift @ TDC	: 2.30mm	2.00mm
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	: 99365	: 99365
lower retainer	: 99433/O	: 99433/O
exterior spring	: PAC-S90019	: PAC-S90019
interior spring	:	:
fitted load / length	: 31kg @ 35.5mm	: 31kg @ 35.5mm
max. load / lift	: 80kg @ 12.5mm	: 80kg @ 12.5mm

REMARKS :**REMARKS :**

- # - roller rocker arms with lash adjustment screw
- bearing diameters: 32.0mm
- cam base diameter: 34.0mm (1 bearing cap for complete camshaft)
- 2 intake + 1 exhaust cam lobes per cylinder
- no VVTL

- # 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