

2701856

turbo conversion

Hyundai G4GF Beta 2

I-4cyl 2.0L 16v DOHC

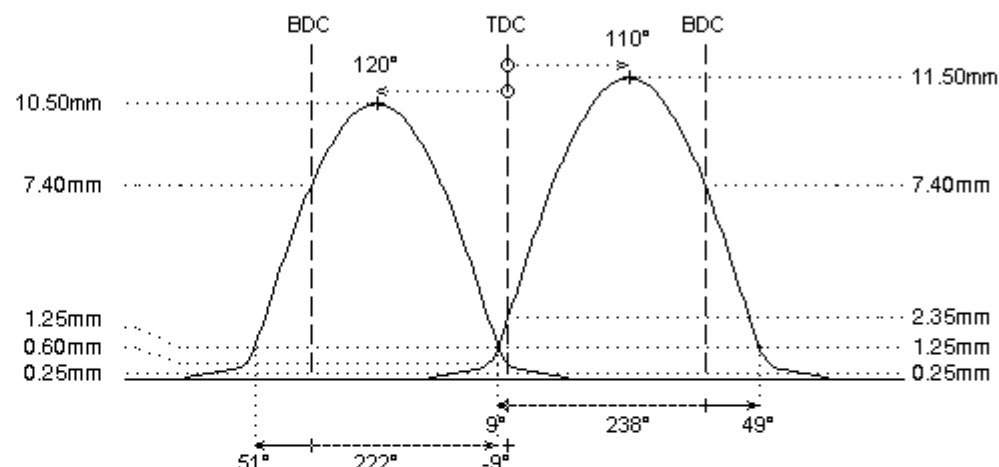
**intake****exhaust****camshaft data:**

lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 284°	269°
duration @ 1.0mm	: 238°	222°
valve lift	: 11.50mm	10.50mm
cam lift	:	
lobe angle	: 110°	120°
timing @ 1.0mm	: 9° / 49°	51° / -9°
valve lift @ TDC	: 2.35mm	0.60mm

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	: 99651/S	: 99651/S
lower retainer	: 99652/O	: 99652/O
exterior spring	: PAC-E12009	: PAC-E12009
interior spring	: PAC-I12009	: PAC-I12009

fitted load / length	: 33kg @ 33.3mm	: 35kg @ 32.8mm
max. load / lift	: 103kg @ 14.0mm	: 103kg @ 13.5mm

REMARKS :**REMARKS :**

- # Supplied with adjustable cam sprockets (only for non CVVT engines)
- # 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 dirt track applications and pro street use with adjustable engine management or carburetors
- # for TURBO conversion (atmospheric to turbo)