

2701855

tarmac rally - race

Hyundai G4GF Beta 2

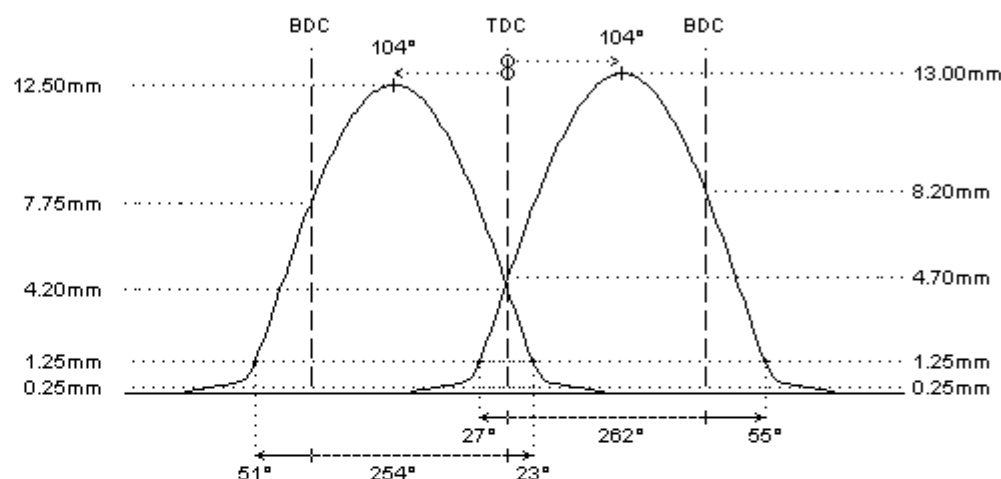
I-4cyl 2.0L 16v DOHC

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

lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 305°	301°
duration @ 1.0mm	: 262°	254°
valve lift	: 13.00mm	12.50mm
cam lift	:	
lobe angle	: 104°	104°
timing @ 1.0mm	: 27° / 55°	51° / 23°
valve lift @ TDC	: 4.70mm	4.20mm

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 use in competition engines with independent engine management (throttle position sensor) or carburetors