

2500414

tarmac rally - race

Honda D16A9/Z5 129 hp

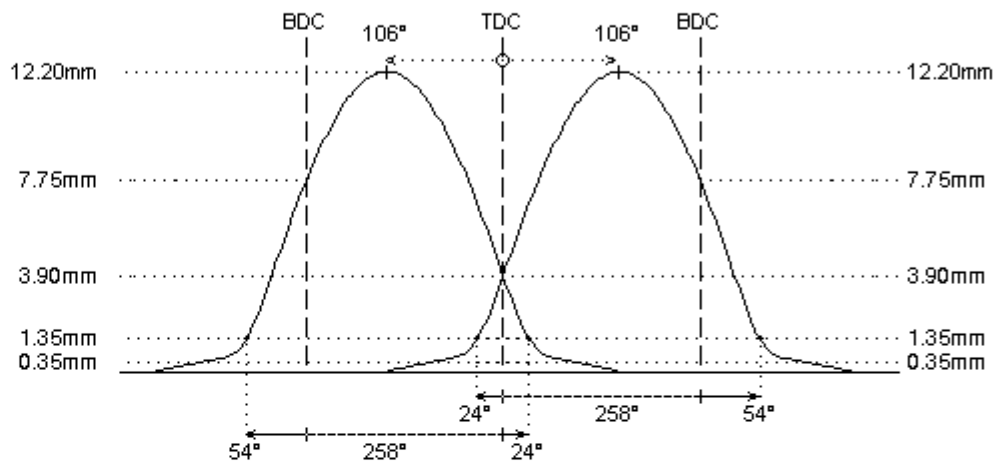
I-4cyl 1.6L 16v DOHC (RP/RP)



	intake	exhaust
camshaft data:		
lash ramp	: 0.35mm	0.35mm
duration @ 0.1mm	: 330°	330°
duration @ 1.0mm	: 258°	258°
valve lift	: 12.20mm	12.20mm
cam lift	: 6.80mm	6.80mm
lobe angle	: 106°	106°
timing @ 1.0mm	: 24° / 54°	54° / 24°
valve lift @ TDC	: 3.90mm	3.90mm
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	: 99412	: 99412
lower retainer	: 99538/O	: 99539/O
exterior spring	: PAC-S90015	: PAC-S90015
interior spring		
fitted load / length	: 31kg @ 37.5mm	: 31kg @ 37.5mm
max. load / lift	: 79kg @ 12.5mm	: 79kg @ 12.5mm

REMARKS :

- # check distance between valve seal and retainer to be at least 0.6mm at full lift
- # use 'GOLD quality' springs for applications over 12.5mm valve lift / 8500rpm



REMARKS :

- # we can repair the rocker arms if the wear is not excessive
- # engine with rocker arms
- # 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