2503203

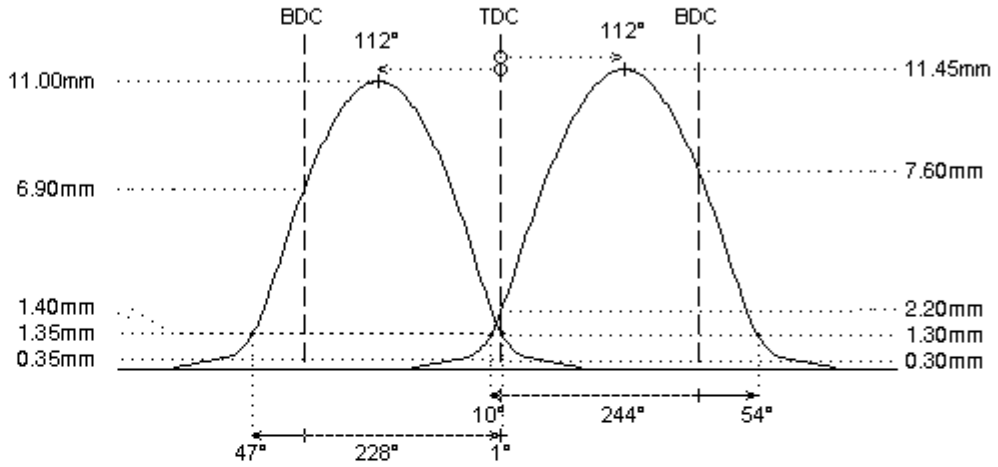
tarmac rally - race

Honda L15A7 118 hp (i-VTEC)

I-4cyl 1.5L 16v SOHC (RPR/RPR)

	intake		exhaust	
camshaft data:				
lash ramp	: 0.30mm		: 0.35mm	
duration @ 0.1mm	: 298°	(262)	: 277°	(277)
duration @ 1.0mm	: 244°	(207)	: 228°	(228)
valve lift	: 11.45mm	(10.00)	: 11.00mm	(11.00)
cam lift	: 6.70mm	(5.85)	: 6.10mm	(6.10)
lobe angle	: 112°	(112)	: 112°	(112)
timing @ 1.0mm	: 10° / 54°		: 47° / 1°	
valve lift @ TDC	: 2.20mm	(0.75)	: 1.40mm	(1.40)
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	: O.E.M.		: O.E.M.	
lower retainer	: O.E.M.		: O.E.M.	
exterior spring	: O.E.M.		: O.E.M.	
interior spring				
fitted load / length	: 18kg @ 40.2mm		: 17kg @ 42.2mm	
max. load / lift	: 45kg @ 10.5mm		: 35kg @ 9.5mm	

REMARKS :



REMARKS :

\# - ONLY for L15A7 engine with integrated exhaust manifold (not interchangeable with L15A1 cams)

\# The valve clearance ramps on these Honda profiles are very long (partly to compensate valve train flexibility on the vtec system). For this reason, the duration numbers at 0.1mm valve lift (after setting the indicated valve clearance) are extremely large and cannot be compared to any other advertised duration numbers.

\# Distance between valve and piston should be 1.0mm at least:
- check 5-15° after TDC on intake
- check 5-15° before TDC on exhaust

Machine pistons if required. Wrong installation can cause severe engine damage!

\# massflow or throttle position sensor required for reprogramming, MAP sensor will not funtion properly