

1302465

turbo conversion

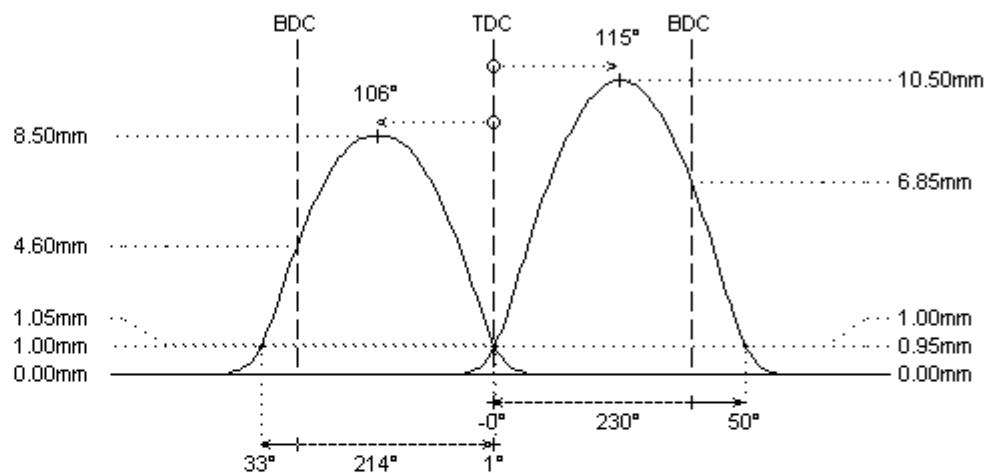
Bmw R53 Mk I - MINI Cooper S

I-4cyl 1.6L 16v SOHC (RPRH/RPRH)



	intake	exhaust
camshaft data:		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 270°	259°
duration @ 1.0mm	: 230°	214°
valve lift	: 10.50mm	8.50mm
cam lift	: 6.55mm	6.05mm
lobe angle	: 115°	106°
timing @ 1.0mm	: -0° / 50°	33° / 1°
valve lift @ TDC	: 0.95mm	1.05mm
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	: 36kg @ 42.5mm	: 36kg @ 42.5mm
max. load / lift	: 96kg @ 10.5mm	: 96kg @ 10.5mm

REMARKS :



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- # adjustable chain sprocket TBM024 available 🔍
 - # ECU reprogramming required
 - # 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!