2292005

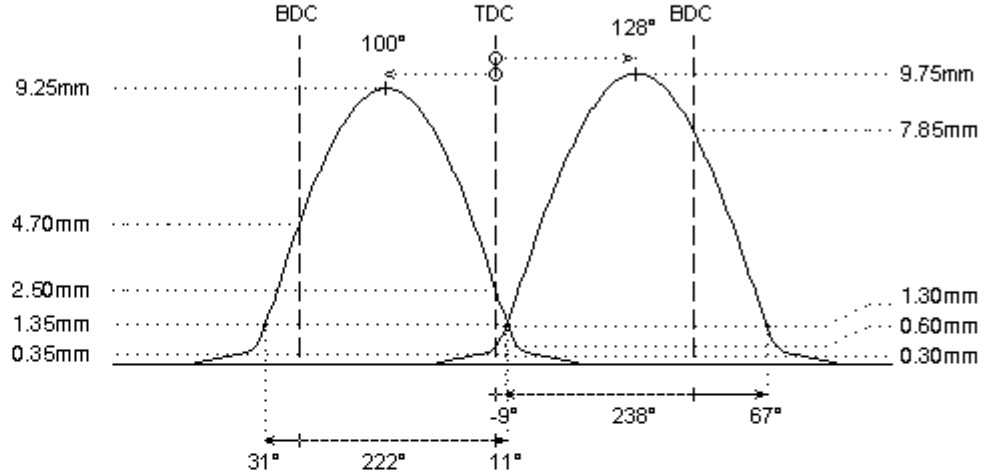
full race

Ford ST180 Ecoboost

I-4cyl 1.6L 16v DOHC

	intake	exhaust
camshaft data:		
lash ramp	: 0.30mm	0.33mm
duration @ 0.1mm	: 274°	252°
duration @ 1.0mm	: 238°	222°
valve lift	: 9.75mm	9.25mm
cam lift	: 9.75mm	9.25mm
lobe angle	: 128°	100°
timing @ 1.0mm	: -9° / 67°	31° / 11°
valve lift @ TDC	: 0.60mm	2.50mm
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	: **PAC-I99891**	: **PAC-I99891**
interior spring		
fitted load / length	: 25kg @ 35.8mm	: 25kg @ 35.8mm
max. load / lift	: 45kg @ 12.0mm	: 45kg @ 12.0mm

REMARKS :



REMARKS :

\# 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!

\# VVT reprogramming, operating range adjustment or even eliminating the VVT system should be considered for camshafts with increased duration

\# ONLY for dirt track applications and pro street use with adjustable engine management or carburettors

\# if required, use extra shims to increase spring load