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sport

Ford ALDA ST170, VVT

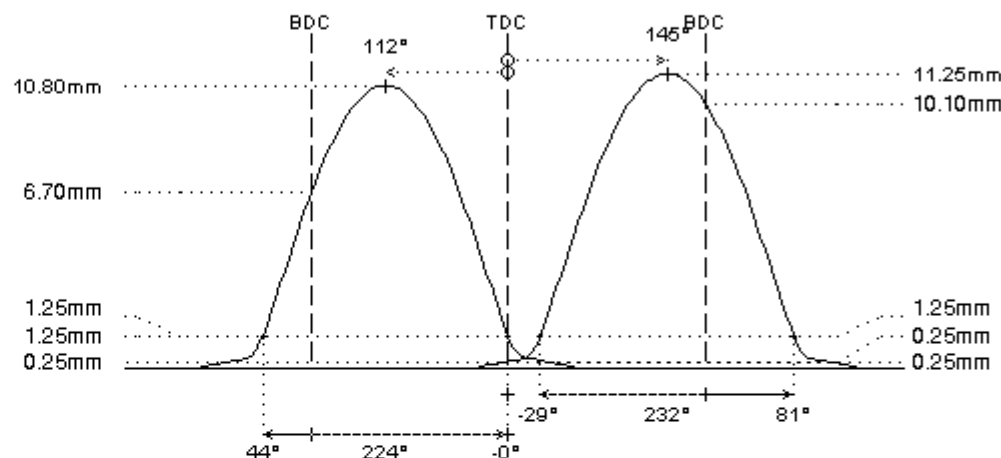
I-4cyl 2.0L 16v DOHC (DTx/DTx)

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

lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 264°	263°
duration @ 1.0mm	: 232°	224°
valve lift	: 11.25mm	10.80mm
cam lift	: 11.25mm	10.80mm
lobe angle	: 145°	112°
timing @ 1.0mm	: -29° / 81°	44° / -0°
valve lift @ TDC	: 0.25mm	1.25mm

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	: 19kg @ 0.0mm	: 21kg @ 0.0mm
max. load / lift	: 50kg @ 12.0mm	: 50kg @ 10.5mm

**REMARKS :**

- # -> intake camshaft for use with vvt system (like original intake)
- > The cam trigger will need to be transferred from oem camshaft

- # In the factory valve setup, the valve clearance is set by cam followers of individual lengths.

Cat Cams offers two options to adjust the valve clearance:

1/ camshafts with factory cam base diameter of 38.2mm: use O.E.M. tappets with appropriate inner stud length to adjust the clearance. It may be required to replace the cam followers to obtain the correct valve clearance.

2/ camshafts with reduced cam base diameter to 35.0mm: use lash caps (dia. 6mm) with appropriate thickness to adjust the clearance

- -> Please indicate the cam base diameter when ordering.

REMARKS :