

TOMEI Camshaft Spec Card

The Engine Specialist

PART NAME **PONCAM/PROCAM** ENGINE **VQ35DE EARLY (-05.09)**

PART NUMBER SET **TA301A-NS04B** IN **TA301C-NS04B** EX **TA301E-NS04B**

GRIND	IN	274° /11.30mm	-
	EX	274° /11.00mm	-

LIFT	IN	@CAM 11.30mm	@VALVE 11.00mm
	EX	@CAM 11.00mm	@VALVE 10.67mm

LOBE CENTER(°)	IN	125.0
	EX	112.0

BASE CIRCLE	IN	Φ35.4
	EX	Φ35.4

VALVE CLEARANCE WHEN COLD	IN	0.30
	EX	0.33

ROCKER ARM RATIO*	-
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* ALL LIFTS ARE BASED ON ZERO LASH AND THORETICAL ROCKER ARM RATIOS

CAM TIMING		OPENS(°)		CLOSES(°)		Actual Duration @ Opening(°)
Actual Duration Valve Lift	IN	BTDC	12.0	ABDC	82.0	274.0
	EX	BBDC	69.0	ATDC	25.0	274.0

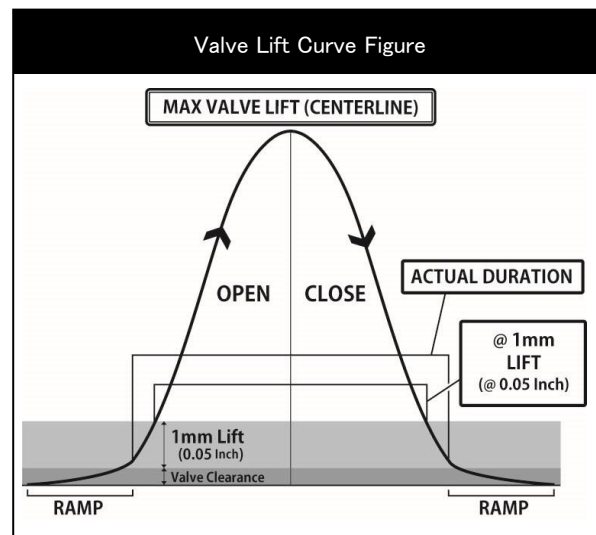
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm Valve Lift	IN	ATDC	3.0	ABDC	67.0	244.0
	EX	BBDC	54.0	ATDC	10.0	244.0

Values are of actual duration from start to end of 1mm value points. (Excluding the ramp values)

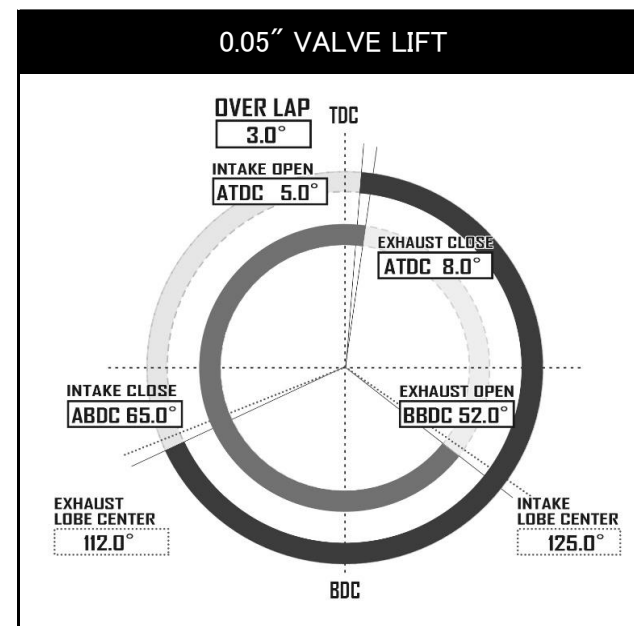
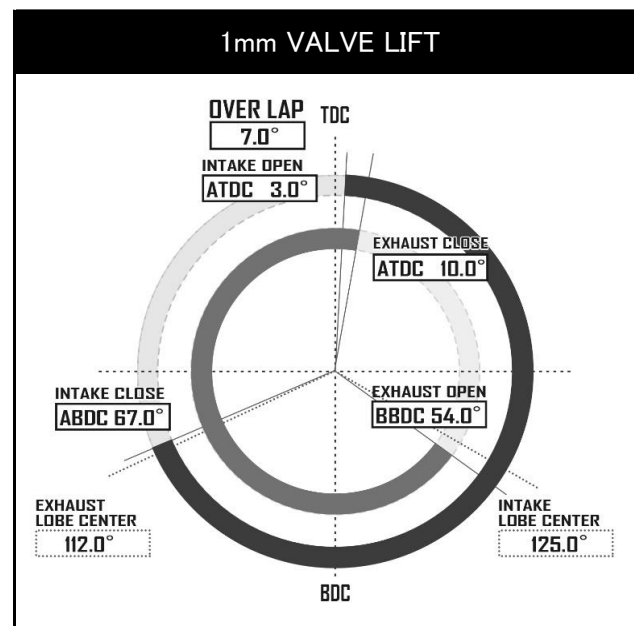
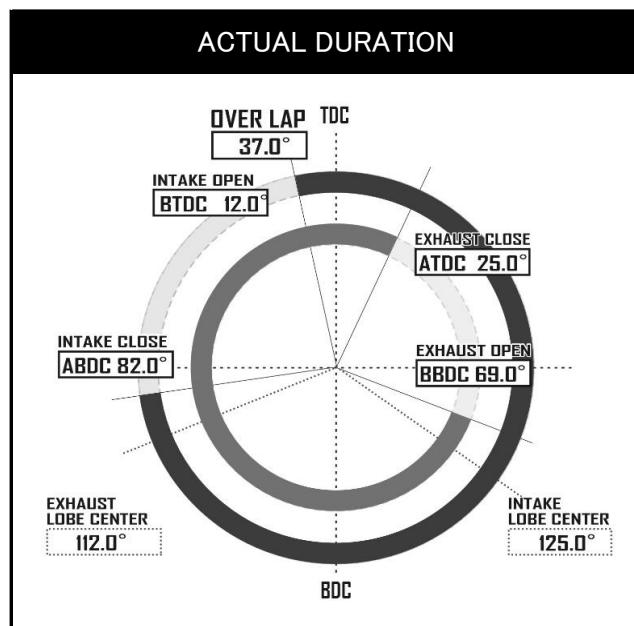
CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 0.05" Valve Lift	IN	ATDC	5.0	ABDC	65.0	240.0
	EX	BBDC	52.0	ATDC	8.0	240.0

Values are of actual duration from start to end of 0.05" value points. (Excluding the ramp values)



REQUIRED VALVE SPRING SPEC	
NORMAL HEIGHT	
SET LENGTH	
LIFT LENGTH	
COMPRESSED HEIGHT	
SET LOAD	
LIFT LOAD	
PART NUMBER	

REQUIRED PARTS	
PRODUCT NAME	PART NUMBER



Dowel pin position when first cam lobe is pointing upwards.

IN

EX
