

# TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **VQ35DE LATEmodel (-07.01)**

PART NUMBER SET - IN 142033 EX 142034

GRIND IN 272° / 10.80mm - BACE IN  $\Phi 35.4$  ROCKER ARM RATIO\* - VALVE CLEARANCE IN 0.30  
 EX 272° / 10.80mm - CIRCLE( $\Phi$ ) EX  $\Phi 35.4$  - WHEN COLD EX 0.33

LIFT IN @CAM 10.80mm @VALVE 10.50mm LOBE IN 125.0  
 EX @CAM 10.80mm @VALVE 10.47mm CENTER(°) EX 126.0

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

CAM TIMING		OPENS(°)		CLOSES(°)		Actual Duration @ Opening(°)
Actual Duration	IN	BTDC	11.0	ABDC	81.0	272.0
Valve Lift	EX	BBDC	82.0	ATDC	10.0	272.0

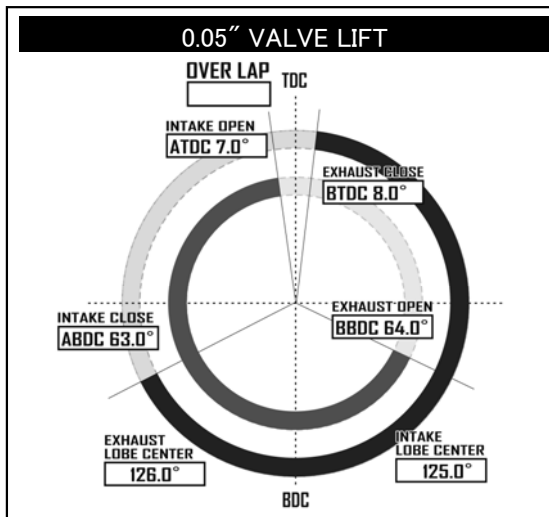
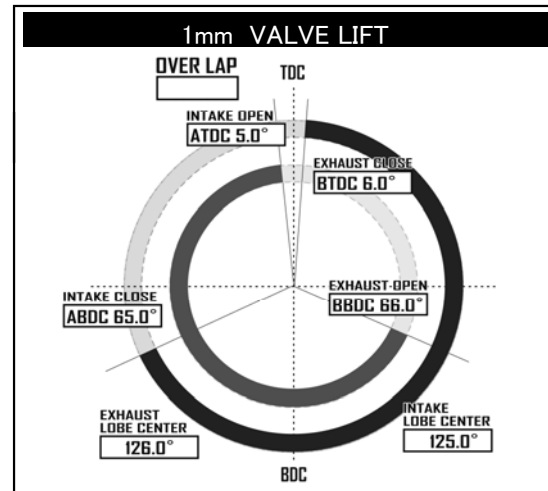
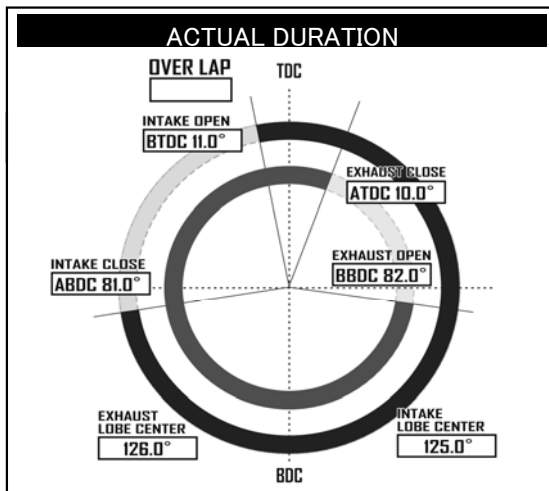
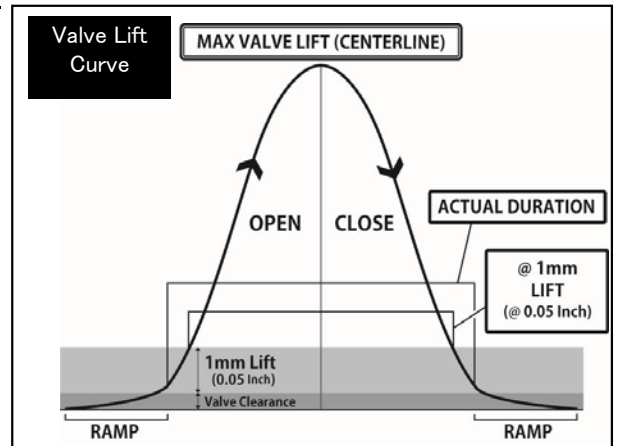
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	ATDC	5.0	ABDC	65.0	240.0
Valve Lift	EX	BBDC	66.0	BTDC	6.0	240.0

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

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 0.05"	IN	ATDC	7.0	ABDC	63.0	236.0
Valve Lift	EX	BBDC	64.0	BTDC	8.0	236.0

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



REQUIRED VALVE SPRING SPEC	
NOMAL HEIGHT	49.1
SET LENGTH	37.0
LIFT LENGTH	26.0
COMPRESSED HEIGHT	25.0
SET LOAD	24.0 ±6%
LIFT LOAD	56.8 ±6%
TOMEI PART NUMBER	163037

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER