

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **VQ35DE EARLY model (-05.09)**

PART NUMBER **SET - IN 142027 EX 142028**

GRIND **IN 280° / 11.30mm - BACE IN Φ35.4 ROCKER ARM RATIO* - VALVE CLEARANCE IN 0.30**
EX 280° / 11.00mm - CIRCLE(Φ) EX Φ35.4 WHEN COLD EX 0.33

LIFT **IN @CAM 11.30mm @VALVE 11.00mm LOBE IN 125.0**
EX @CAM 11.00mm @VALVE 10.67mm CENTER(°) EX 112.0

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

CAM TIMING		OPENS(°)	CLOSES(°)	Actual Duration @ Opening(°)
Actual Duration	IN	BTDC 15.0	ABDC 85.0	280.0
Valve Lift	EX	BBDC 72.0	ATDC 28.0	280.0

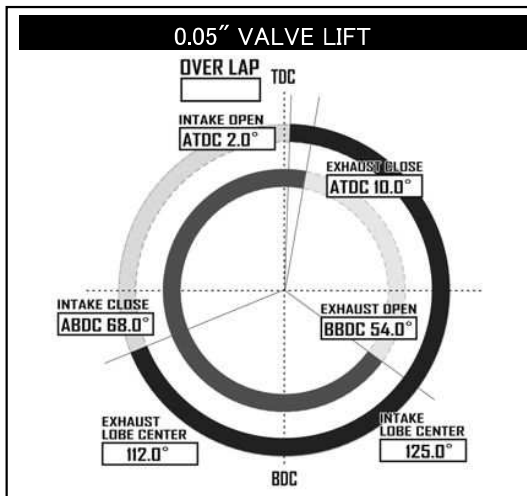
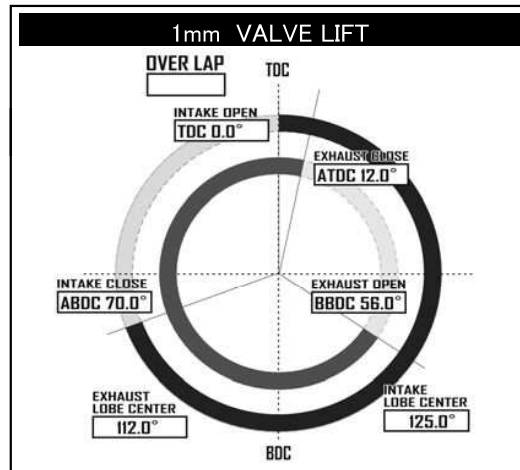
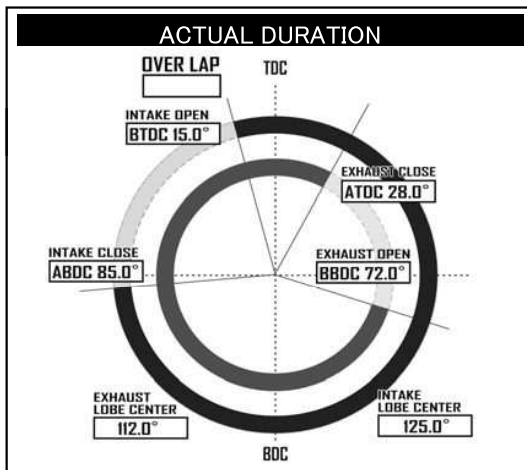
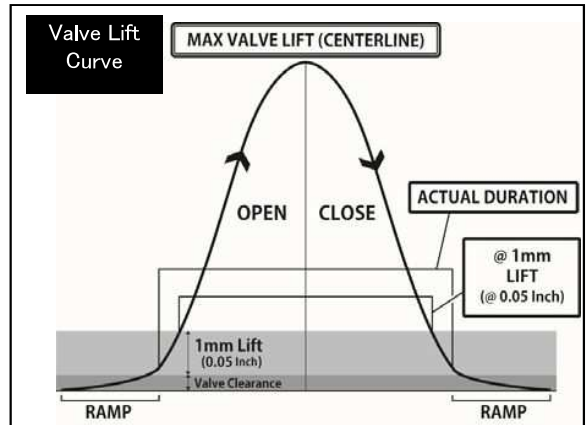
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN	TDC	ABDC 70.0	250.0
Valve Lift	EX	BBDC 56.0	ATDC 12.0	248.0

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 2.0	ABDC 68.0	246.0
Valve Lift	EX	BBDC 54.0	ATDC 10.0	244.0

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