

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **VQ35HR**

PART NUMBER SET - IN 142043 EX 142044

GRIND IN 272° / 11.30mm - BACE IN $\Phi 35.4$ ROCKER ARM RATIO* - VALVE CLEARANCE IN 0.30
 EX 272° / 11.00mm - CIRCLE(Φ) EX $\Phi 35.4$ WHEN COLD EX 0.33

LIFT IN @CAM 11.30mm @VALVE 11.00mm LOBE IN 122.0
 EX @CAM 11.00mm @VALVE 10.67mm CENTER(°) EX 124.0

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

CAM TIMING		OPENS(°)		CLOSES(°)		Actual Duration @ Opening(°)
Actual Duration	IN	BTDC	14.0	ABDC	78.0	272.0
Valve Lift	EX	BBDC	80.0	ATDC	12.0	272.0

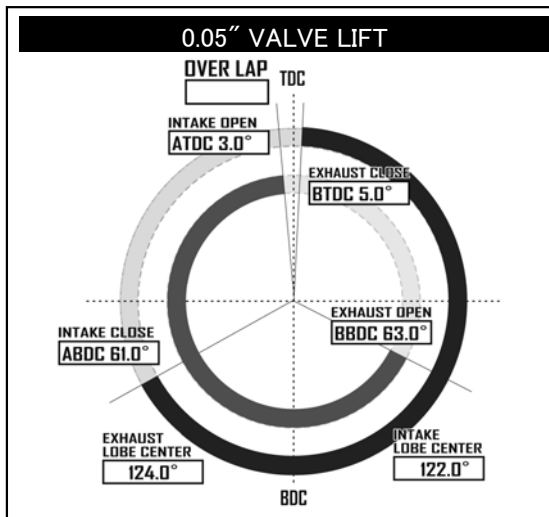
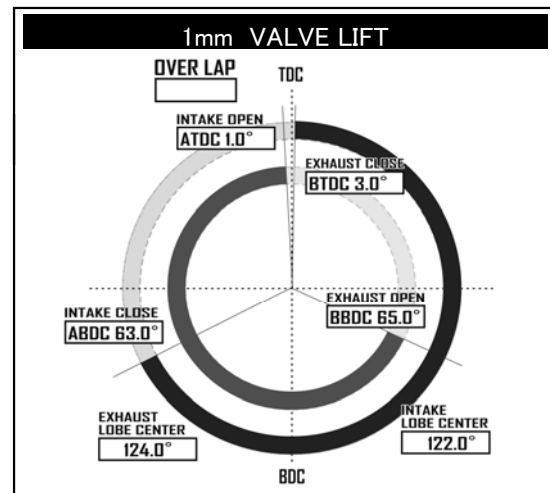
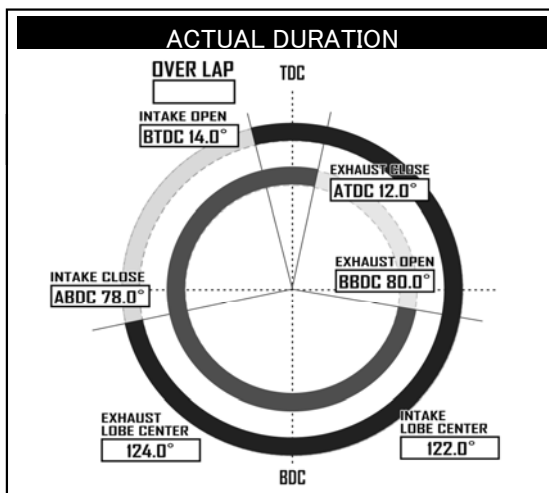
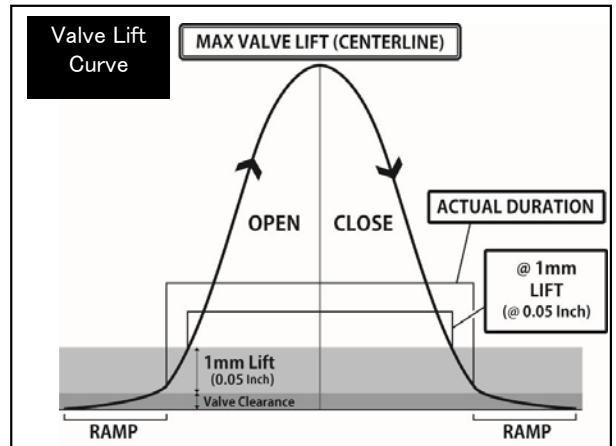
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	ATDC	1.0	ABDC	63.0	242.0
Valve Lift	EX	BBDC	65.0	BTDC	3.0	242.0

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	3.0	ABDC	61.0	238.0
Valve Lift	EX	BBDC	63.0	BTDC	5.0	238.0

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

