

TOMEI Camshaft Spec Card

PART NAME	PROCAM			ENGINE	RB20DE(T)		
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PART NUMBER	SET	-	IN	1411270088	EX	1412270088
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GRIND	IN	270° / 8.80mm	LASH	BACE	IN	Φ32.0	ROCKER ARM RATIO*	VALVE CLEARANCE	IN	-
	EX	270° / 8.80mm	LASH		EX	Φ32.0			-	WHEN COLD

LIFT	IN	@CAM 10.25mm	@VALVE 8.80mm	LOBE	IN	115.0
	EX	@CAM 10.25mm	@VALVE 8.80mm		EX	115.0

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

CAM TIMING		OPENS(°)		CLOSES(°)		Actual Duration @ Opening(°)
Actual Duration	IN	BTDC	19.0	ABDC	71.0	270.0
Valve Lift	EX	BBDC	71.0	ATDC	19.0	270.0

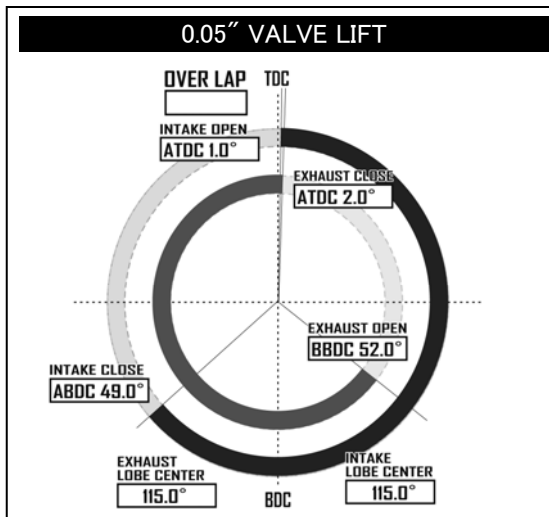
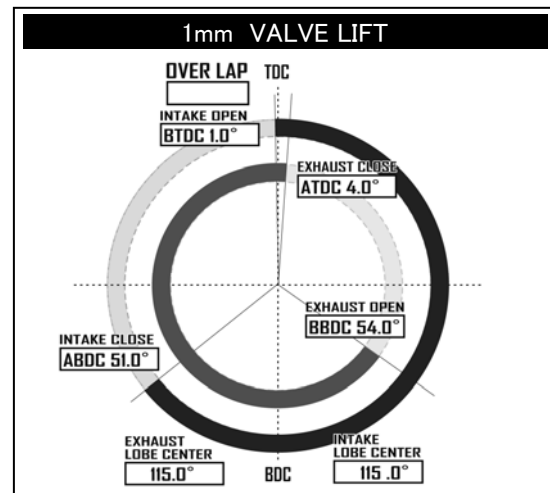
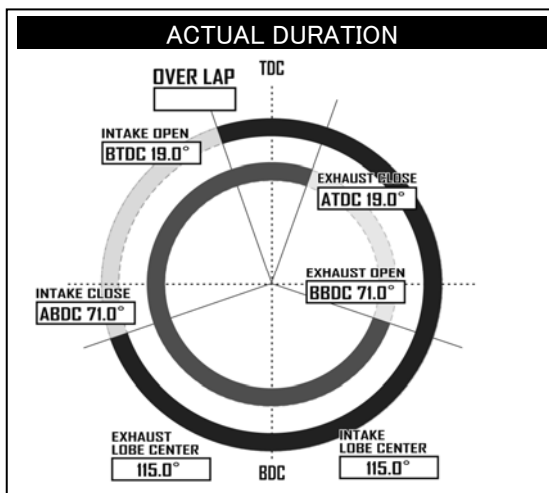
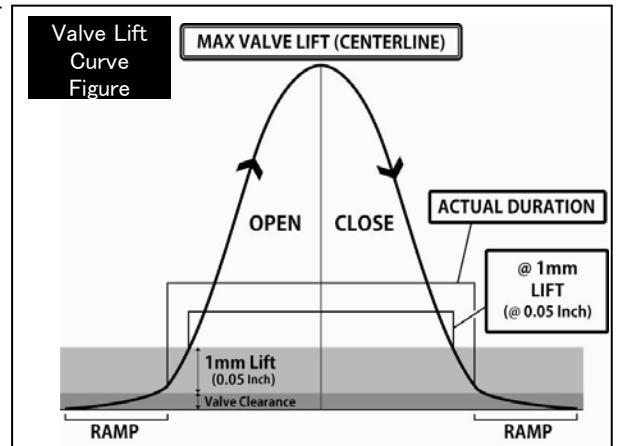
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	BTDC	1.0	ABDC	51.0	232.0
Valve Lift	EX	BBDC	54.0	ATDC	4.0	238.0

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	1.0	ABDC	49.0	228.0
Valve Lift	EX	BBDC	52.0	ATDC	2.0	234.0

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



REQUIRED VALVE SPRING SPEC	
NOMAL HEIGHT (mm)	41.0
SET LENGTH (mm)	35.0
LIFT LENGTH (mm)	25.0
COMPRESSED HEIGHT (mm)	24.0
SET LOAD (kgf)	24.2 ± 7%
LIFT LOAD (kgf)	80.6 ± 7%
TOMEI PART NUMBER	13203R800

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER
ADJUSTABLE CAM PULLEYS IN	152009
ADJUSTABLE CAM PULLEYS EX	152010