

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **RB20DE(T)**

PART NUMBER **SET** - **IN** 1411270088 **EX** 1412270088

GRIND	IN	270° / 8.80mm	LASH	BACE	IN	Φ32.0	ROCKER ARM RATIO*	VALVE CLEARANCE	IN	-
	EX	270° / 8.80mm	LASH	CIRCLE(Φ)	EX	Φ32.0			WHEN COLD	EX

LIFT	IN	@CAM 10.25mm	@VALVE 8.80mm	LOBE	IN	115.0
	EX	@CAM 10.25mm	@VALVE 8.80mm		CENTER(°)	EX

* 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 19.0	ABDC 71.0	270.0
	EX	BBDC 71.0	ATDC 19.0	270.0

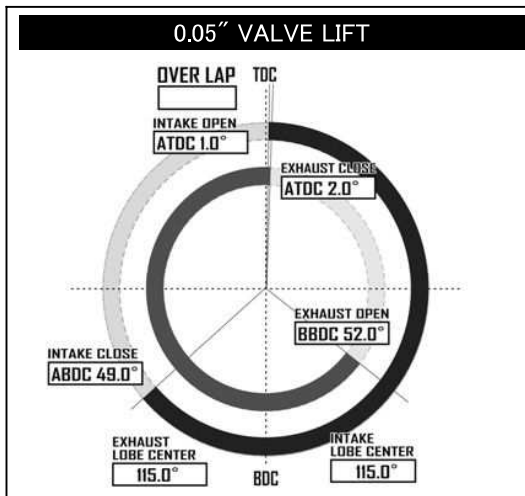
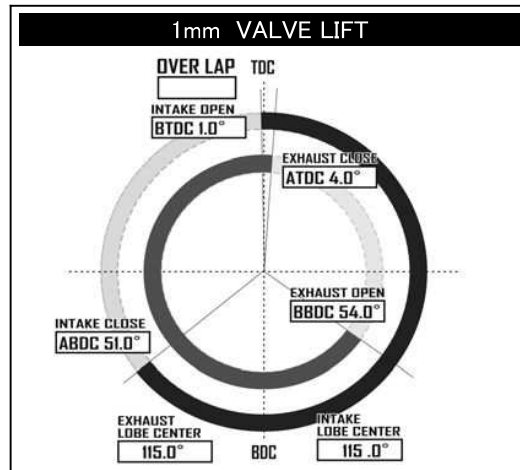
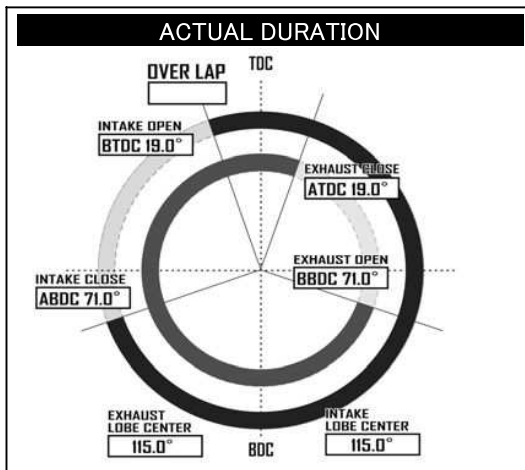
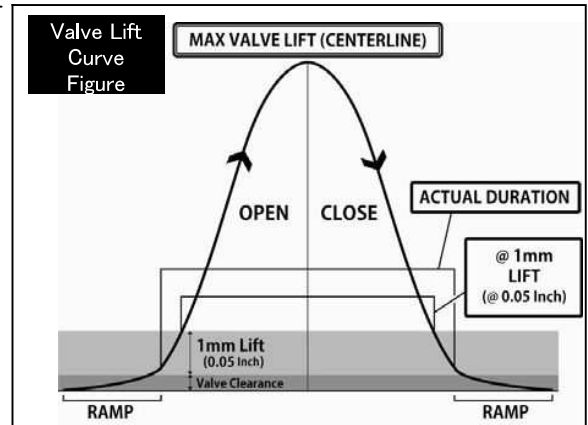
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm Valve Lift	IN	BTDC 1.0	ABDC 51.0	232.0
	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" Valve Lift	IN	ATDC 1.0	ABDC 49.0	228.0
	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

TOMEI
The Engine Specialist