

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **EJ207 GDB JDM**

PART NUMBER **SET** IN **142203** EX **142202**

GRIND	IN	256° / 9.80mm	SOLID	BACE CIRCLE(Φ)	IN	Φ37.0	ROCKER ARM RATIO*	-	VALVE CLEARANCE WHEN COLD	IN	0.20
	EX	256° / 9.80mm	SOLID		EX	Φ37.0				EX	0.25

LIFT	IN	@CAM 9.80mm	@VALVE 9.60mm	LOBE CENTER(°)	IN	127.0
	EX	@CAM 9.80mm	@VALVE 9.55mm		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	1.0	ABDC	75.0	256.0
Valve Lift	EX	BBDC	63.0	ATDC	13.0	256.0

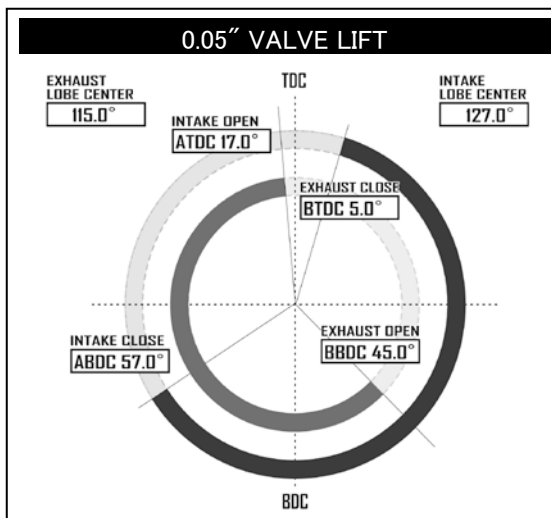
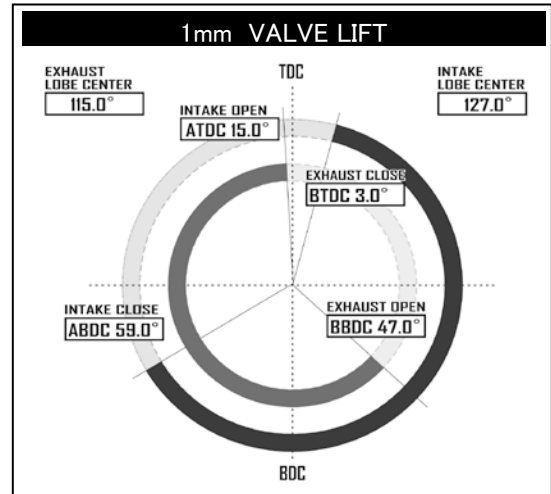
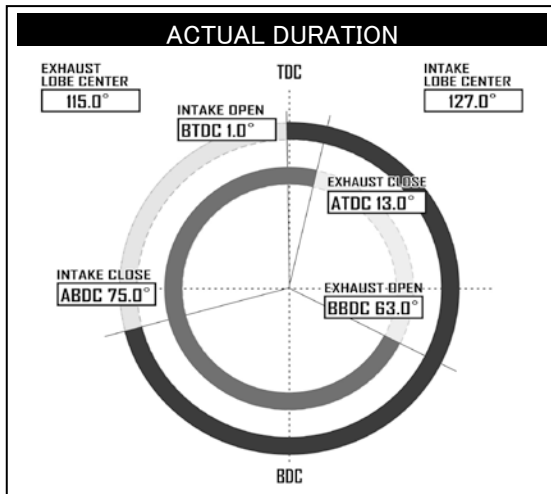
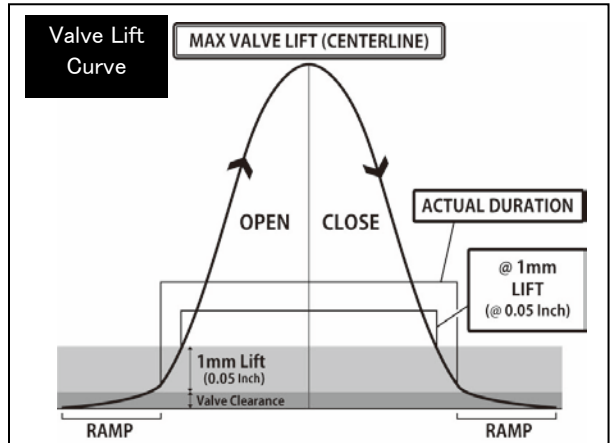
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	ATDC	15.0	ABDC	59.0	224.0
Valve Lift	EX	BBDC	47.0	BTDC	3.0	224.0

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	17.0	ABDC	57.0	222.0
Valve Lift	EX	BBDC	45.0	BTDC	5.0	220.0

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



REQUIRED VALVE SPRING SPEC	
NOMAL HEIGHT	45.1mm
SET LENGTH	36.2mm
LIFT LENGTH	25.5mm
COMPRESSED HEIGHT	23.9mm
SET LOAD	32.0kgf ± 6%
LIFT LOAD	85.0kgf ± 6%
TOMEI PART NUMBER	163057

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER