

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **2JZ-GTE Early model**

PART NUMBER SET **0** IN **1402270108** EX **1403270108**

GRIND	IN	270° / 10.8mm	SOLID	BASE CIRCLE	IN	34.8	ROCKER ARM RATIO※	-	VALEVE CLEARANCE WHEN COLD	IN	0.20
	EX	270° / 10.8mm	SOLID		EX	34.8				EX	0.30

LIFT	IN	@CAM 10.8mm	@VALVE 10.6mm	LOBE CENTER(°)	IN	113.0
	EX	@CAM 10.8mm	@VALVE 10.5mm		EX	118.0

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

CAM TIMING		OPENS(°)		CLOSES(°)		A CTUAL DURATION @OPENING(°)
A CTUAL DURATION	IN	BTDC	22.0	ABDC	68.0	270.0
VALVE LIFT	EX	BBDC	70.0	ATDC	20.0	270.0

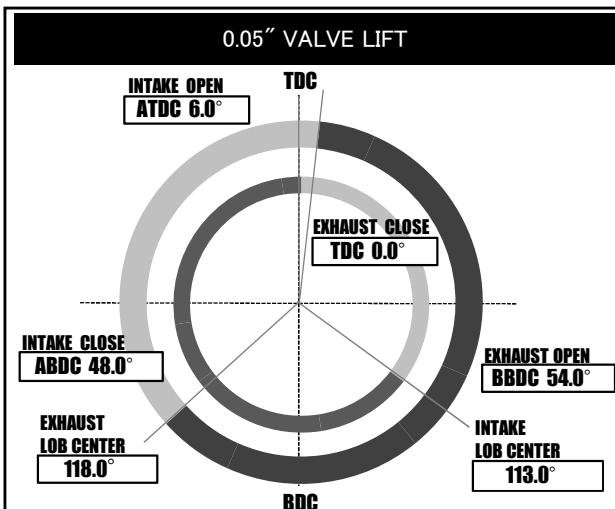
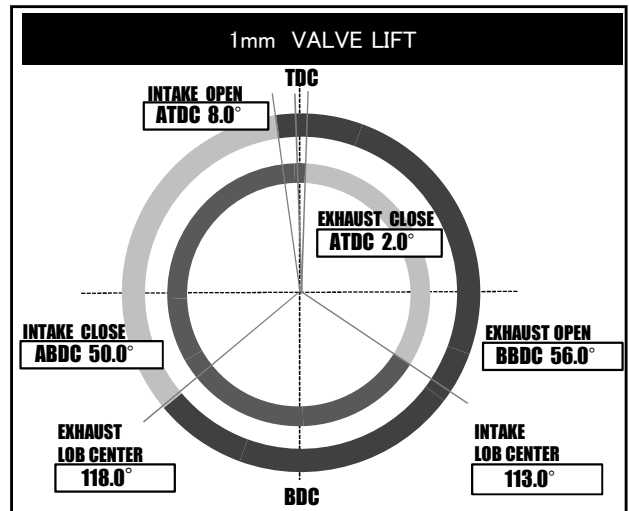
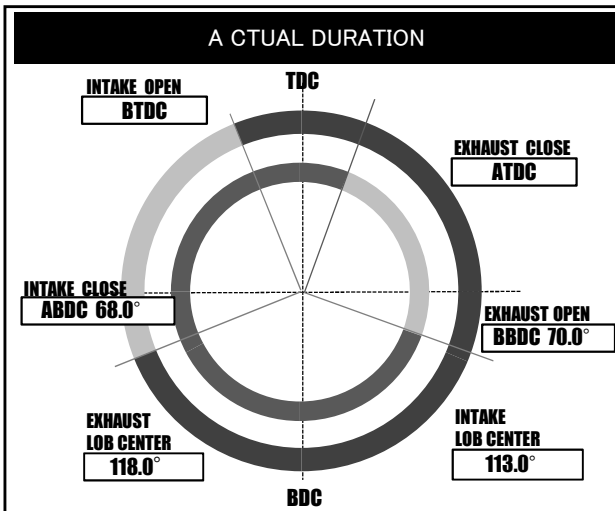
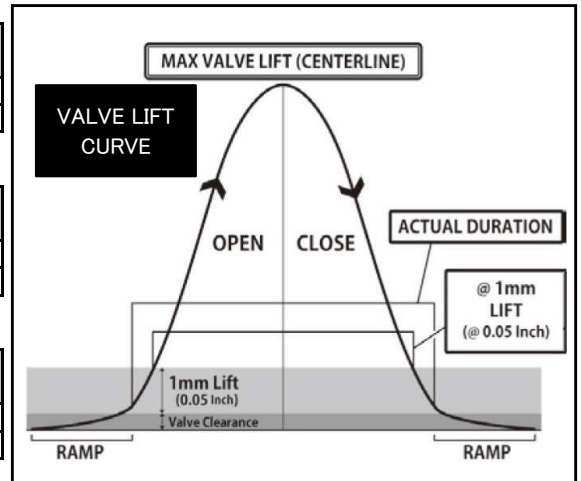
*Values shown are,from start to the end of actual duration.(Excluding rht ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	BTDC	8.0	ABDC	50.0	238.0
VALVE LIFT	EX	BBDC	56.0	ATDC	2.0	238.0

*Values are of actual duration from start to end of 1mm value points.(Ezcluding ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 0.05"	IN	ATDC	6.0	ABDC	48.0	234.0
VALVE LIFT	EX	BBDC	54.0	TDC	0.0	234.0

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



REQUIRED VALVE SPRING SPEC	
NOMAL HIGHT	45.1mm
SET LENGTH	35.0mm
LIFT LENGTH	24.5mm
COMPRESSED HEIGHT	23.0mm
SET LAOD	27.0kgf ± 7%
LIFT LOAD	78.0kgf ± 7%
TOMEI PART NUMBER	163058

REQUIRED PARTS	
PRODUCT NAME	TOMEI P/N
INNER SHIM KIT 2JZ	163501