

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **EJ255 JDM/ EJ257 WRX STI 04-07 USDM**

PART NUMBER **SET** IN EX **142215**

GRIND IN EX **264° /10.0mm SOLID** BASE CIRCLE IN EX **φ 37.0** ROCKER ARM RATIO※ **-** VALEVE CLEARANCE WHEN COLD IN EX **0.25**

LIFT IN EX **@CAM 10.00mm @VALVE 9.75mm** LOBE CENTER(°) IN EX **115.0**

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

CAM TIMING		OPENS(°)	CLOSES(°)	A CTUAL DURATION @OPENING(°)
A CTUAL DURATION	IN			
VALVE LIFT	EX	BBDC 67.0	ATDC 17.0	264.0

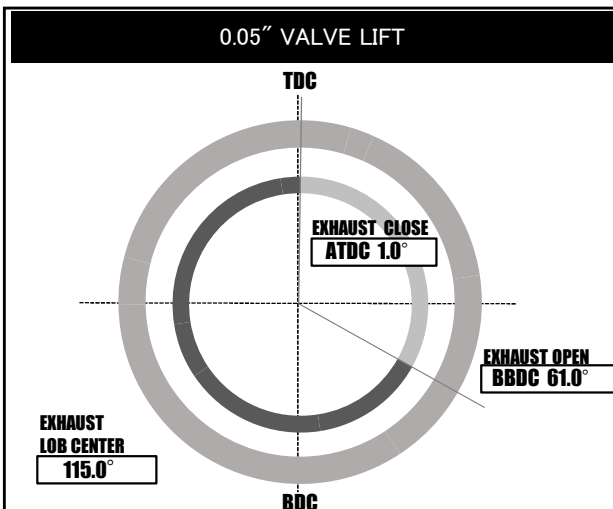
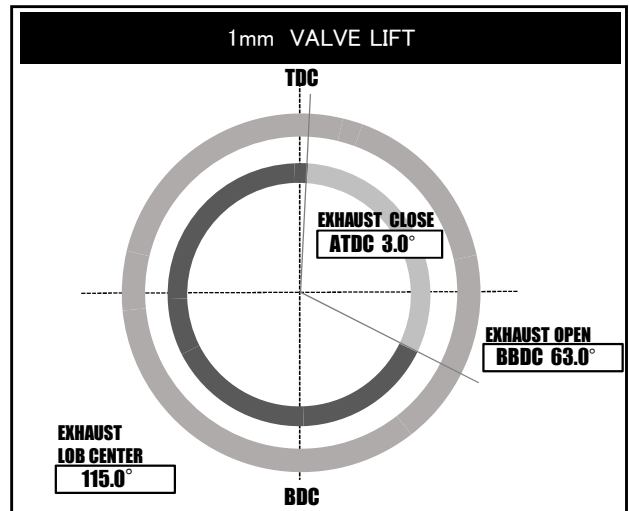
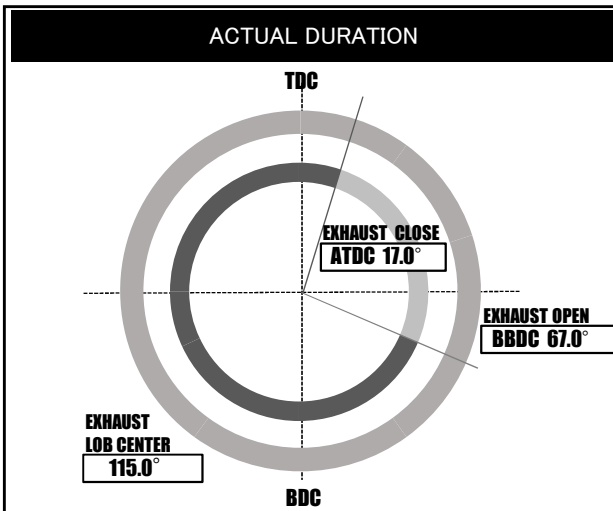
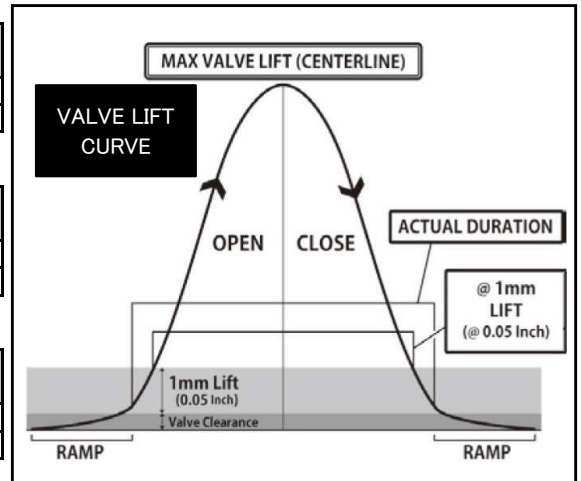
*Values shown are,from start to the end of actual duration.(Excluding rht ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN			
VALVE LIFT	EX	BBDC 63.0	ATDC 3.0	246.0

*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			
VALVE LIFT	EX	BBDC 61.0	ATDC 1.0	242.0

*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	36.2mm
LIFT LENGTH	25.5mm
COMPRESSED HEIGHT	23.9mm
SET LAOD	32.0kgf ± 6%
LIFT LOAD	85.0kgf ± 6%
TOMEI PART NUMBER	163057

REQUIRED PARTS	
PRODUCT NAME	TOMEI P/N