

TOMEI Camshaft Spec Card

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

PART NUMBER **SET 143062 IN 142205 EX 142206**

GRIND **IN 252° / 10.30mm SOLID BACE IN Φ37.0 ROCKER ARM RATIO* - VALVE CLEARANCE IN 0.20**
EX 252° / 10.30mm SOLID CIRCLE(Φ) EX Φ37.0 WHEN COLD EX 0.35

LIFT **IN @CAM 10.30mm @VALVE 10.10mm LOBE IN 125.0**
EX @CAM 10.30mm @VALVE 9.95mm CENTER(°) 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	ATDC	1.0	ABDC	73.0	252.0
Valve Lift	EX	BBDC	61.0	ATDC	11.0	252.0

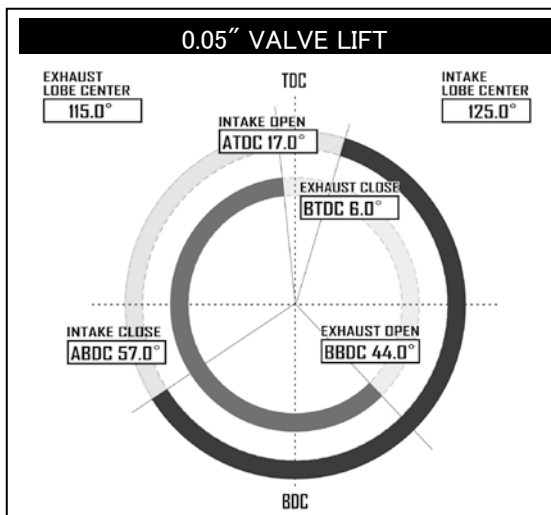
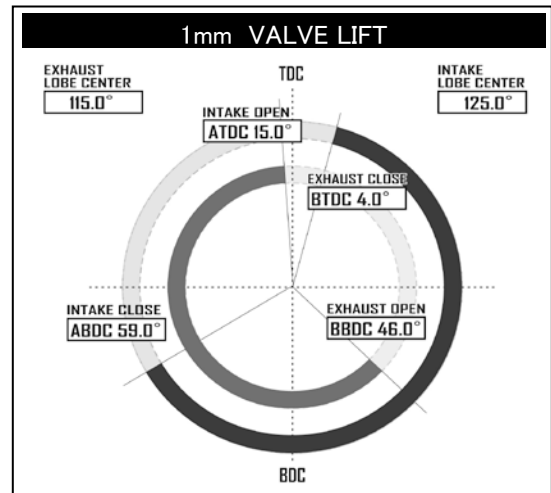
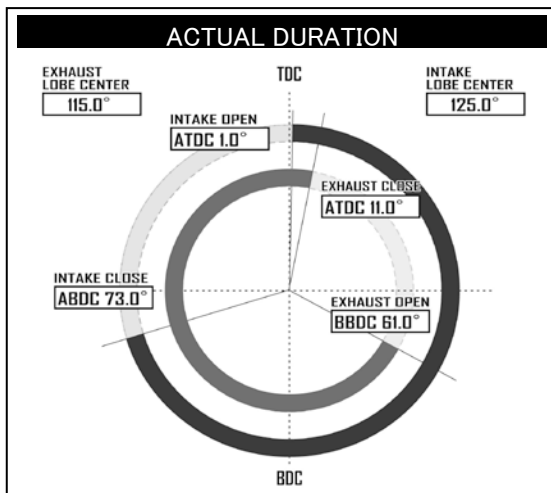
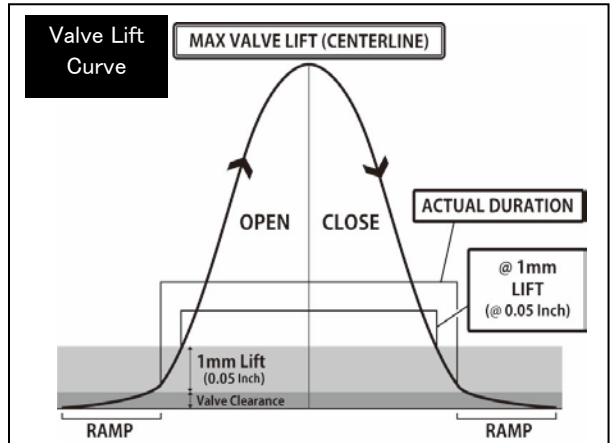
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	ATDC	15.0	ABDC	59.0	224.0
Valve Lift	EX	BBDC	46.0	BTDC	4.0	220.0

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	220.0
Valve Lift	EX	BBDC	44.0	BTDC	6.0	218.0

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