

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **EJ207 GRB /GVB JDM EJ257 WRX STI '08- USDM**

PART NUMBER **SET** IN **142211** EX **142212**

GRIND IN **270° / 11.00mm** - BACE IN **Φ37.0** ROCKER ARM RATIO* - VALVE CLEARANCE IN **0.20**
 EX **270° / 10.80mm** - CIRCLE(Φ) EX **Φ37.0** WHEN COLD EX **0.40**

LIFT IN **@CAM 11.00mm @VALVE 10.80mm** LOBE IN **131.0**
 EX **@CAM 10.80mm @VALVE 10.40mm** CENTER(°) EX **130.0**

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

CAM TIMING		OPENS(°)	CLOSES(°)	Actual Duration @ Opening(°)
Actual Duration	IN	BTDC 3.0	ABDC 87.0	270.0
Valve Lift	EX	BBDC 86.0	ATDC 4.0	270.0

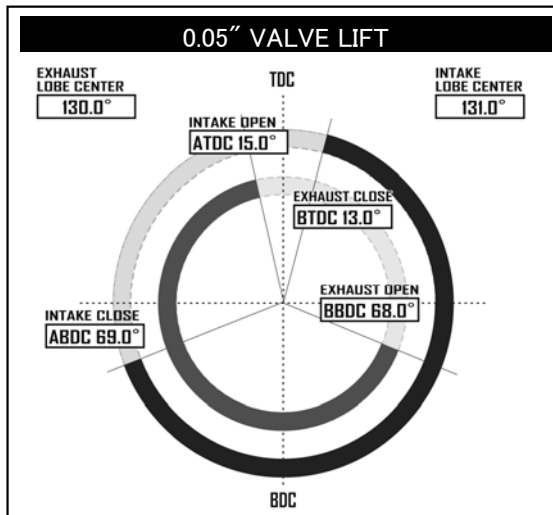
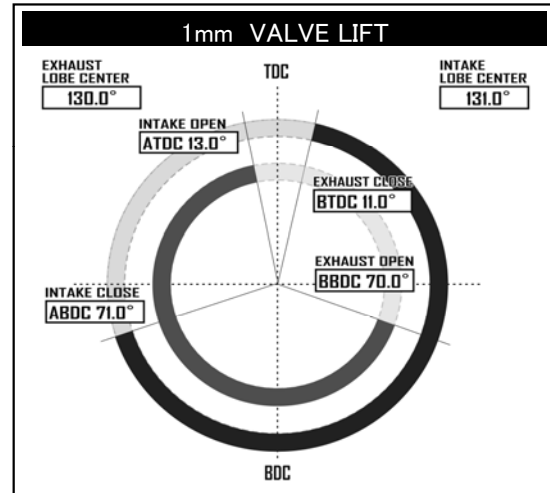
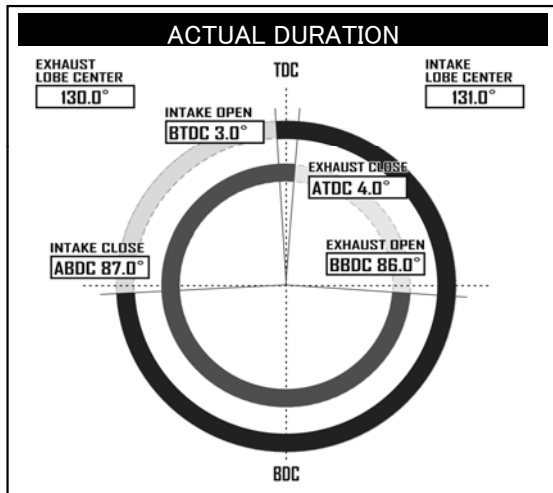
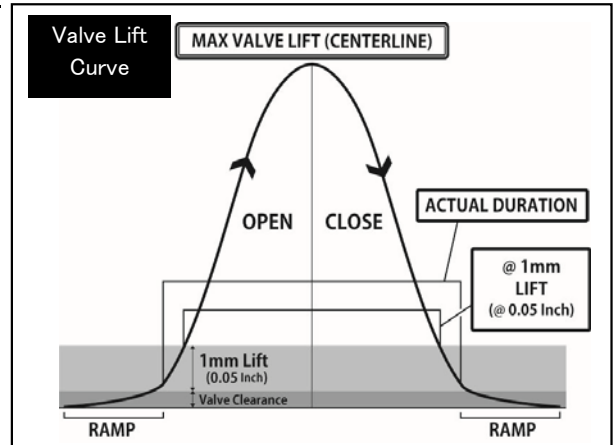
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN	ATDC 13.0	ABDC 71.0	238.0
Valve Lift	EX	BBDC 70.0	BTDC 11.0	239.0

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 15.0	ABDC 69.0	234.0
Valve Lift	EX	BBDC 68.0	BTDC 13.0	235.0

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



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

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER