

PARILLA TUNING CHART

1 mm = 0.040"

TYPE OF MOTORCYCLE	EXPIOSION CHAMBER VOLUME	COMPRESSION RATIO	INLET OPEN BTDC	INLET CLOSE ABDC	EXHAUST OPEN BBDC	EXHAUST CLOSE ATDC	VALVE TAPPET PLAY ENGINE COLD		IGN. ADVANCE BTDC	POINTS GAP
							INLET	EXHAUST		
49cc MOTORBIKE	7cc	7.9	35°	55°	65°	25°	0.002"	0.003"	5mm	0.020"
98cc PHANTOM	15cc	7.54	30°	60°	60°	30°	0.005"	0.006"	45	0.020"
150cc GREY. SCOOTER	30cc	6	134°	130°	150°				7mm	0.020"
125cc SCRAMBLER	20.5cc	8	56°	70°	80°	50°	0.003"	0.004"	45°	0.016"
175cc SCRAMBLER & GRAND SPORT	23.5cc	8.4	50°	80°	80°	50°	0.003"	0.004"	48°	0.016" t 0.018"
175cc SPEEDSTER	31.5cc	6.5	55°	65°	85°	35°	0.005"	0.006"	57°	0.016" 0.018"
350cc TWIN	32cc	6.5	40°	70°	70°	40°	0.003"	0.004"	45°	0.016" 0.018"
98cc IMPALA & RANJET	15cc	7.5	52°	74°	82°	44°	0.004"	0.005"	45°	0.020"
200cc SPEEDSTER & TRAILMASTER	27cc	8.5	55°	65°	85°	35°	0.005"	0.006"	57°	0.016" t 0.018"
200cc SCRAMBLER & GRAND SPORT	24cc	9.5	50°	80°	80°	50°	0.003"	0.004"	48°	0.016" 0.018"
250cc Trailmaster	33cc	8.5	50°	80°	80°	50°	0.003"	0.004"	48°	0.016" to 0.018"
250cc Scrambler & Grand Sport	29cc	9.5	50°	80°	80°	50°	0.003"	0.004"	52°	.016" to .018"

For ease of checking the distribution we are giving the degree of distribution with 0.020" clearance between VALVE & ROCKER ARM  
 S cam- In. open BTDC 36° In. close ABDC 46° Ex. open BBDC 66° Ex. close ATDC 36°  
 SS, X2, X1 cam 38° 68° 68° 38°  
 After checking, the play between valve & rocker must be brought back to original value