



SWM compression Ratio or PSI

Measuring the compression pressure of your 2-stroke engine

Fit the pressure gauge/tester into the spark plug hole

Kick at least twice and that will give you an indication of your engine condition ☺

A 1:1 ratio is equal to 0 PSI. 14.7 PSI is equal to a 2:1 ratio. Just multiply your ratio by 14.7 to get PSI, or divide PSI by 14.7 to get ratio.

RS.GS series 1977-1978:

125cc	14.9	215-220 PSI
175cc	14	195 PSI
250cc	14	195 PSI

Early TF1 1979: (Metal Tank)

250cc	14	195 PSI
347cc	11.5	170 PSI
440cc	11	160 PSI

TF1 1980-1981 (orange plastics) or TF2 MC

125cc	14.5	215 PSI
175cc	14	195 PSI
250cc	13.5	200 PSI
347cc	11.5	170 PSI
440cc	11.5	170 PSI

TF4 MC

125cc	14.5	215 PSI
175cc	N/A	
250cc	13.5	200 PSI
347cc	12	177 PSI
440cc	11	160 PSI

TF3 1981-1983

125cc	14.5	215 PSI
175cc	14	195 PSI
250cc	13.5	200 PSI
347cc	11.5	170 PSI
440cc	11	160 PSI

GTS Models:

125cc	9.5	140 PSI
315cc	8.5	125 PSI