

45cc 11:1
47cc 10:1

CC ING FORT 5/4/18

$$\begin{array}{r}
 42.4 \text{ cc} \\
 - 2.2 \text{ (SPARK PLUG HOLE)} \\
 \hline
 40.2 \text{ cc}
 \end{array}
 \quad
 \pi r^2 h \quad r = 4.5 \text{ cm} \quad h = 7.04 \text{ cm}$$

$$3.143 \times (4.5 \times 4.5) \times 7.04 \text{ (SWEPT VOL)}$$

$$448.07 \text{ cc}$$

CR = SWEEP VOL + Comb. CHAMBER VOL

$$\frac{448.07 + 40.2}{40.2} = \frac{488.27}{40.2} = 12.1$$

$$\begin{array}{r}
 42.4 \\
 - 2.2 \\
 + 3.29 \\
 \hline
 43.4
 \end{array}
 \quad
 \frac{448.07 + 43.4}{43.4} = \frac{491.47}{43.4} = 11.32$$

$$\begin{array}{r}
 42.0 \\
 - 2.2 \\
 \hline
 39.8 \\
 + 3.2 \\
 \hline
 43.0
 \end{array}
 \quad
 \frac{448.07 + 39.8}{39.8} = \frac{487.87}{39.8} = 12.3$$

$$\frac{448.07 + 43}{43} = \frac{491.07}{43} = 11.4$$

.5mm MORE SPACER $3.143 \times 20.25 \times .05 \text{ cm} = 3.18 \text{ cm}$
 1.0mm $3.143 \times 20.25 \times .10 \text{ cm} = 6.36$

(OVER)