

Engine Codes & Calculations – The Ultimate Guide

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Engine CC Year Variations + Calculations

How to calculate Compression Ratio

Formula – Head cc = Deck cc = 1 cylinder volume Head cc + Deck cc Example – 69mm X 90.5mm engine size = $1775 \div 4 = 443.75\text{cc}$.060" Deck = 9.80cc Head = _____ 50.00cc 503.55cc How to calculate Engine CC's Formula – Bore (mm) X Bore (mm) X Stroke (mm) X 3.1416" = Engine cc Example – $90.5 \times 90.5 \times 69\text{mm} \times 3.1416 = 1775\text{cc}$ (to get the Volume of 1 cylinder in CC divide by 4) Example – $1775 \div 4 = 443.75$ How to calculate Compression Ratio

How to calculate Engine CC's

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