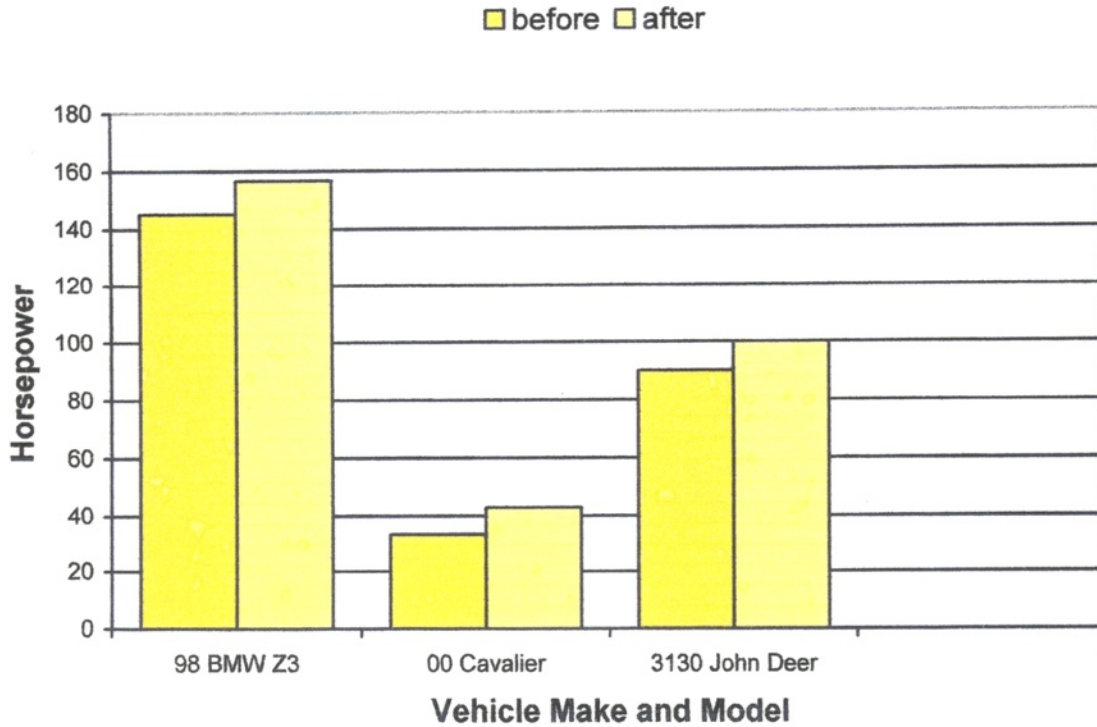


# SAE Horsepower



## SAMPLE CALCULATION

i)  $X - Y = Z$   
 $42.8 - 33.4 = 9.4$

ii)  $(Z/Y) 100\% = \text{hp Gain}$   
 $(9.4/33.4) 100\% = (0.281437) 100\%$   
 $= 28.1\%$

LEGEND  
 X=after install  
 Y=before install  
 Z=hp gain

Vehicle	Before Install hp	After Install hp	RPM	hp Gain
98 BMW Z3	145.3	156.8	5200	7.9%
00 Cavalier	33.4	42.8	3000	28.1%
3130 John Deere	90	100	540	11.1%