

LIBERTY'S HIGH PERFORMANCE PRODUCTS, INC.  
 PRO STOCK MOTORCYCLE

## BUELL RATIOS

Tooth Count	Ratio
<b>1st Gear</b>	
32 - 11	2.909
31 - 11	2.818
30 - 11	2.727
32 - 12	2.667
29 - 11	2.636
26 - 10	2.600
31 - 12	2.583
28 - 11	2.545
30 - 12	2.500
<b>2nd Gear</b>	
34 - 16	2.125
33 - 16	2.063
34 - 17	2.000
29 - 15	1.933
32 - 17	1.882
<b>3rd Gear</b>	
29 - 18	1.611
28 - 18	1.556
27 - 18	1.500
<b>4th Gear</b>	
28 - 20	1.400
<i>4-Lug / Requires 4-Lug 6th</i>	
25 - 18	1.389
27 - 20	1.350
24 - 18	1.333
26 - 20	1.300
23 - 18	1.278
<b>5th Gear</b>	
23 - 19	1.211
24 - 20	1.200
25 - 21	1.190
22 - 19	1.158
24 - 21	1.143
25 - 22	1.136
24 - 22	1.091
29 - 27	1.074
<b>6th Gear</b>	
20 - 19	1.053
21 - 21	1.000

## SUZUKI RATIOS

Tooth Count	Ratio
<b>1st Gear</b>	
28-11	2.55
27-11	2.45
26-11	2.36
<b>2nd Gear</b>	
25-14	1.79
24-14	1.71
<b>3rd Gear</b>	
25-18	1.39
<b>4th Gear</b>	
23-20	1.15
<b>5th Gear</b>	
20-20	1.00
<b>6th Gear</b>	
20-18	0.90
24-21	0.875



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