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Enter the following ratios:

Find variables for a vehicle 

Final drive or transfer ratio (if applicable):

1.16

Axle ratio (if applicable):

3.62

Engine max speed (RPM):

8900

Tire size (ie. 255/40/17):

205/60/13

(click on graph for a larger version)

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1st gear:

3.133

Total gearing in first gear: 13.1560936
Maximum speed in first gear: 44.2 mph

2nd gear:

2.045

Total gearing in second gear: 8.587364
Maximum speed in second gear: 67.7 mph

3rd gear:

1.481

Total gearing in third gear: 6.2190152
Maximum speed in third gear: 93.4 mph

4th gear:

1.161

Total gearing in fourth gear: 4.8752712
Maximum speed in fourth gear: 119.2 mph

5th gear:

6th gear:

7th gear:

Reverse gear:
(will not be graphed)

Maximum speed in fourth gear:

Total gearing in fifth gear:

4.0774232

Maximum speed in fifth gear:

142.5 mph

Total gearing in sixth gear:

3.4055512

Maximum speed in sixth gear:

170.6 mph

Total gearing in seventh gear:

Maximum speed in seventh gear:

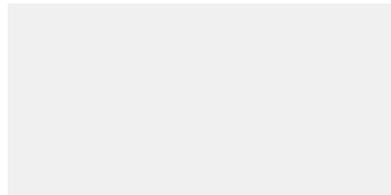
Total gearing in reverse gear:

11.75776

Maximum speed in reverse gear:

49.4 mph

Check this box to factor in for tire deformation/flex.



Keep in mind tire deformation, clutch/torque converter slippage, and wind may cause actual results to differ slightly.

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