

## Speed Chart For Each Gear At 1000RPM Increments and a 7000 RPM Max

|           |                |                     |        |                                     |         |         |         |         |                 |       |
|-----------|----------------|---------------------|--------|-------------------------------------|---------|---------|---------|---------|-----------------|-------|
| 27        |                | <-----Tire Diameter |        | Gearbox: 950 Super Street Transaxle |         |         |         |         | 675 #/ft Torque |       |
| RPM-----> |                | 1000                | 2000   | 3000                                | 4000    | 5000    | 6000    | 7000    | Diff. Ratio     |       |
| Gear      | Ratio          |                     |        |                                     |         |         |         |         | 3.73            |       |
|           |                | MPH                 | MPH    | MPH                                 | MPH     | MPH     | MPH     | MPH     | Overall Ratio   |       |
| 1st       | 41/17<br>2.412 | 8.913               | 17.826 | 26.739                              | 35.652  | 44.565  | 53.478  | 62.391  | 8.997           |       |
| 2nd       | 35/24<br>1.458 | 14.770              | 29.540 | 44.310                              | 59.080  | 73.850  | 88.621  | 103.391 | 40%             | 5.438 |
| 3rd       | 30/29<br>1.034 | 20.827              | 41.653 | 62.480                              | 83.307  | 104.133 | 124.960 | 145.787 | 29%             | 3.857 |
| 4th       | 33/26<br>0.788 | 27.328              | 54.657 | 81.985                              | 109.314 | 136.642 | 163.971 | 191.299 | 24%             | 2.939 |
| 5th       | 20/39<br>0.611 | 35.245              | 70.490 | 105.736                             | 140.981 | 176.226 | 211.471 | 246.716 | 22%             | 2.279 |

|     |             |             |             |                                       |
|-----|-------------|-------------|-------------|---------------------------------------|
|     | RPM @ 45MPH | RPM @ 60MPH | RPM @ X MPH | 70                                    |
| 1st | 5048.805    | 6731.740    | 7853.696    | Place desired MPH<br>in the box above |
| 2nd | 3051.889    | 4062.262    | 4747.384    |                                       |
| 3rd | 2164.372    | 2880.918    | 3366.800    |                                       |
| 4th | 1649.444    | 2195.516    | 2565.801    |                                       |
| 5th | 1278.947    | 1702.361    | 1989.473    |                                       |

### SETUP:

**Values needed are:** Tire Diameter, Ratio of each gear, Differential Ratio.  
Place these values in A2,B6,8,10,12,14 and L3 respectively.  
Note: fractional ratios are only for reference.