

|         |       |      | Axle rotation/min at specified engine RPM |        |        |        |         |         |         |         |         |         | MPH at specified engine RPM with 33" tires (assumes no tire load) |       |       |       |        |        |        |        |        |        |
|---------|-------|------|---|--------|--------|--------|---------|---------|---------|---------|---------|---------|---|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 8speed  | Ratio | Rear | 500                                       | 1000   | 1500   | 2000   | 2500    | 3000    | 3500    | 4000    | 4500    | 5000    | 500   | 1000  | 1500  | 2000  | 2500   | 3000   | 3500   | 4000   | 4500   | 5000   |
| 1st     | 4.71  | 3.21 | 33.07                                     | 66.14  | 99.21  | 132.28 | 165.35  | 198.42  | 231.50  | 264.57  | 297.64  | 330.71  | 3.25  | 6.49  | 9.74  | 12.98 | 16.23  | 19.47  | 22.72  | 25.96  | 29.21  | 32.45  |
| 2nd     | 3.14  | 3.21 | 49.61                                     | 99.21  | 148.82 | 198.42 | 248.03  | 297.64  | 347.24  | 396.85  | 446.46  | 496.06  | 4.87  | 9.74  | 14.60 | 19.47 | 24.34  | 29.21  | 34.07  | 38.94  | 43.81  | 48.68  |
| 3rd     | 2.1   | 3.21 | 74.17                                     | 148.35 | 222.52 | 296.69 | 370.86  | 445.04  | 519.21  | 593.38  | 667.56  | 741.73  | 7.28  | 14.56 | 21.83 | 29.11 | 36.39  | 43.67  | 50.95  | 58.23  | 65.50  | 72.78  |
| 4th     | 1.67  | 3.21 | 93.27                                     | 186.54 | 279.81 | 373.09 | 466.36  | 559.63  | 652.90  | 746.17  | 839.44  | 932.71  | 9.15  | 18.30 | 27.46 | 36.61 | 45.76  | 54.91  | 64.07  | 73.22  | 82.37  | 91.52  |
| 5th     | 1.29  | 3.21 | 120.75                                    | 241.49 | 362.24 | 482.99 | 603.73  | 724.48  | 845.23  | 965.97  | 1086.72 | 1207.47 | 11.85   | 23.70 | 35.54 | 47.39 | 59.24  | 71.09  | 82.94  | 94.79  | 106.63 |        |
| 6th     | 1     | 3.21 | 155.76                                    | 311.53 | 467.29 | 623.05 | 778.82  | 934.58  | 1090.34 | 1246.11 | 1401.87 | 1557.63 | 15.28   | 30.57 | 45.85 | 61.14 | 76.42  | 91.71  | 106.99 |        |        |        |
| 7th     | 0.84  | 3.21 | 185.43                                    | 370.86 | 556.30 | 741.73 | 927.16  | 1112.59 | 1298.03 | 1483.46 | 1668.89 | 1854.32 | 18.20   | 36.39 | 54.59 | 72.78 | 90.98  | 109.17 |        |        |        |        |
| 8th     | 0.67  | 3.21 | 232.48                                    | 464.96 | 697.45 | 929.93 | 1162.41 | 1394.89 | 1627.38 | 1859.86 | 2092.34 | 2324.82 | 22.81   | 45.62 | 68.44 | 91.25 |        |        |        |        |        |        |
| 8speed  | Ratio | Rear | 500                                       | 1000   | 1500   | 2000   | 2500    | 3000    | 3500    | 4000    | 4500    | 5000    | 500   | 1000  | 1500  | 2000  | 2500   | 3000   | 3500   | 4000   | 4500   | 5000   |
| 1st     | 4.71  | 3.55 | 29.90                                     | 59.81  | 89.71  | 119.61 | 149.52  | 179.42  | 209.32  | 239.23  | 269.13  | 299.03  | 2.93  | 5.87  | 8.80  | 11.74 | 14.67  | 17.61  | 20.54  | 23.47  | 26.41  | 29.34  |
| 2nd     | 3.14  | 3.55 | 44.86                                     | 89.71  | 134.57 | 179.42 | 224.28  | 269.13  | 313.99  | 358.84  | 403.70  | 448.55  | 4.40  | 8.80  | 13.20 | 17.61 | 22.01  | 26.41  | 30.81  | 35.21  | 39.61  | 44.01  |
| 3rd     | 2.1   | 3.55 | 67.07                                     | 134.14 | 201.21 | 268.28 | 335.35  | 402.41  | 469.48  | 536.55  | 603.62  | 670.69  | 6.58  | 13.16 | 19.74 | 26.32 | 32.91  | 39.49  | 46.07  | 52.65  | 59.23  | 65.81  |
| 4th     | 1.67  | 3.55 | 84.34                                     | 168.68 | 253.02 | 337.35 | 421.69  | 506.03  | 590.37  | 674.71  | 759.05  | 843.38  | 8.28  | 16.55 | 24.83 | 33.10 | 41.38  | 49.65  | 57.93  | 66.21  | 74.48  | 82.76  |
| 5th     | 1.29  | 3.55 | 109.18                                    | 218.36 | 327.55 | 436.73 | 545.91  | 655.09  | 764.28  | 873.46  | 982.64  | 1091.82 | 10.71   | 21.43 | 32.14 | 42.85 | 53.57  | 64.28  | 74.99  | 85.71  | 96.42  | 107.14 |
| 6th     | 1     | 3.55 | 140.85                                    | 281.69 | 422.54 | 563.38 | 704.23  | 845.07  | 985.92  | 1126.76 | 1267.61 | 1408.45 | 13.82   | 27.64 | 41.46 | 55.28 | 69.10  | 82.92  | 96.74  |        |        |        |
| 7th     | 0.84  | 3.55 | 167.67                                    | 335.35 | 503.02 | 670.69 | 838.36  | 1006.04 | 1173.71 | 1341.38 | 1509.05 | 1676.73 | 16.45   | 32.91 | 49.36 | 65.81 | 82.26  | 98.72  |        |        |        |        |
| 8th     | 0.67  | 3.55 | 210.22                                    | 420.43 | 630.65 | 840.87 | 1051.08 | 1261.30 | 1471.52 | 1681.73 | 1891.95 | 2102.17 | 20.63   | 41.25 | 61.88 | 82.51 | 103.14 |        |        |        |        |        |
| 8speed  | Ratio | Rear | 500                                       | 1000   | 1500   | 2000   | 2500    | 3000    | 3500    | 4000    | 4500    | 5000    | 500   | 1000  | 1500  | 2000  | 2500   | 3000   | 3500   | 4000   | 4500   | 5000   |
| 1st     | 4.71  | 3.92 | 27.08                                     | 54.16  | 81.24  | 108.32 | 135.40  | 162.49  | 189.57  | 216.65  | 243.73  | 270.81  | 2.66  | 5.31  | 7.97  | 10.63 | 13.29  | 15.94  | 18.60  | 21.26  | 23.92  | 26.57  |
| 2nd     | 3.14  | 3.92 | 40.62                                     | 81.24  | 121.86 | 162.49 | 203.11  | 243.73  | 284.35  | 324.97  | 365.59  | 406.21  | 3.99  | 7.97  | 11.96 | 15.94 | 19.93  | 23.92  | 27.90  | 31.89  | 35.87  | 39.86  |
| 3rd     | 2.1   | 3.92 | 60.74                                     | 121.48 | 182.22 | 242.95 | 303.69  | 364.43  | 425.17  | 485.91  | 546.65  | 607.39  | 5.96  | 11.92 | 17.88 | 23.84 | 29.80  | 35.76  | 41.72  | 47.68  | 53.64  | 59.60  |
| 4th     | 1.67  | 3.92 | 76.38                                     | 152.76 | 229.13 | 305.51 | 381.89  | 458.27  | 534.64  | 611.02  | 687.40  | 763.78  | 7.49  | 14.99 | 22.48 | 29.98 | 37.47  | 44.97  | 52.46  | 59.96  | 67.45  | 74.95  |
| 5th     | 1.29  | 3.92 | 98.88                                     | 197.75 | 296.63 | 395.51 | 494.38  | 593.26  | 692.14  | 791.01  | 889.89  | 988.77  | 9.70  | 19.40 | 29.11 | 38.81 | 48.51  | 58.21  | 67.92  | 77.62  | 87.32  | 97.02  |
| 6th     | 1     | 3.92 | 127.55                                    | 255.10 | 382.65 | 510.20 | 637.76  | 765.31  | 892.86  | 1020.41 | 1147.96 | 1275.51 | 12.52   | 25.03 | 37.55 | 50.06 | 62.58  | 75.10  | 87.61  | 100.13 |        |        |
| 7th     | 0.84  | 3.92 | 151.85                                    | 303.69 | 455.54 | 607.39 | 759.23  | 911.08  | 1062.93 | 1214.77 | 1366.62 | 1518.46 | 14.90   | 29.80 | 44.70 | 59.60 | 74.50  | 89.40  | 104.30 |        |        |        |
| 8th     | 0.67  | 3.92 | 190.37                                    | 380.75 | 571.12 | 761.50 | 951.87  | 1142.25 | 1332.62 | 1523.00 | 1713.37 | 1903.75 | 18.68   | 37.36 | 56.04 | 74.72 | 93.40  |        |        |        |        |        |
| 6 Speed | Ratio | Rear | 500                                       | 1000   | 1500   | 2000   | 2500    | 3000    | 3500    | 4000    | 4500    | 5000    | 500   | 1000  | 1500  | 2000  | 2500   | 3000   | 3500   | 4000   | 4500   | 5000   |
| 1st     | 3     | 3.21 | 51.92                                     | 103.84 | 155.76 | 207.68 | 259.61  | 311.53  | 363.45  | 415.37  | 467.29  | 519.21  | 5.09  | 10.19 | 15.28 | 20.38 | 25.47  | 30.57  | 35.66  | 40.76  | 45.85  | 50.95  |
| 2nd     | 1.67  | 3.21 | 93.27                                     | 186.54 | 279.81 | 373.09 | 466.36  | 559.63  | 652.90  | 746.17  | 839.44  | 932.71  | 9.15  | 18.30 | 27.46 | 36.61 | 45.76  | 54.91  | 64.07  | 73.22  | 82.37  | 91.52  |
| 3rd     | 1.5   | 3.21 | 103.84                                    | 207.68 | 311.53 | 415.37 | 519.21  | 623.05  | 726.90  | 830.74  | 934.58  | 1038.42 | 10.19   | 20.38 | 30.57 | 40.76 | 50.95  | 61.14  | 71.33  | 81.52  | 91.71  | 101.90 |
| 4th     | 1     | 3.21 | 155.76                                    | 311.53 | 467.29 | 623.05 | 778.82  | 934.58  | 1090.34 | 1246.11 | 1401.87 | 1557.63 | 15.28   | 30.57 | 45.85 | 61.14 | 76.42  | 91.71  | 106.99 |        |        |        |
| 5th     | 0.75  | 3.21 | 207.68                                    | 415.37 | 623.05 | 830.74 | 1038.42 | 1246.11 | 1453.79 | 1661.47 | 1869.16 | 2076.84 | 20.38   | 40.76 | 61.14 | 81.52 | 101.90 |        |        |        |        |        |
| 6th     | 0.67  | 3.21 | 232.48                                    | 464.96 | 697.45 | 929.93 | 1162.41 | 1394.89 | 1627.38 | 1859.86 | 2092.34 | 2324.82 | 22.81   | 45.62 | 68.44 | 91.25 |        |        |        |        |        |        |
| 6 Speed | Ratio | Rear | 500                                       | 1000   | 1500   | 2000   | 2500    | 3000    | 3500    | 4000    | 4500    | 5000    | 500   | 1000  | 1500  | 2000  | 2500   | 3000   | 3500   | 4000   | 4500   | 5000   |
| 1st     | 3     | 3.55 | 46.95                                     | 93.90  | 140.85 | 187.79 | 234.74  | 281.69  | 328.64  | 375.59  | 422.54  | 469.48  | 4.61  | 9.21  | 13.82 | 18.43 | 23.03  | 27.64  | 32.25  | 36.85  | 41.46  | 46.07  |
| 2nd     | 1.67  | 3.55 | 84.34                                     | 168.68 | 253.02 | 337.35 | 421.69  | 506.03  | 590.37  | 674.71  | 759.05  | 843.38  | 8.28  | 16.55 | 24.83 | 33.10 | 41.38  | 49.65  | 57.93  | 66.21  | 74.48  | 82.76  |
| 3rd     | 1.5   | 3.55 | 93.90                                     | 187.79 | 281.69 | 375.59 | 469.48  | 563.38  | 657.28  | 751.17  | 845.07  | 938.97  | 9.21  | 18.43 | 27.64 | 36.85 | 46.07  | 55.28  | 64.50  | 73.71  | 82.92  | 92.14  |
| 4th     | 1     | 3.55 | 140.85                                    | 281.69 | 422.54 | 563.38 | 704.23  | 845.07  | 985.92  | 1126.76 | 1267.61 | 1408.45 | 13.82   | 27.64 | 41.46 | 55.28 | 69.10  | 82.92  | 96.74  |        |        |        |
| 5th     | 0.75  | 3.55 | 187.79                                    | 375.59 | 563.38 | 751.17 | 938.97  | 1126.76 | 1314.55 | 1502.35 | 1690.14 | 1877.93 | 18.43   | 36.85 | 55.28 | 73.71 | 92.14  |        |        |        |        |        |
| 6th     | 0.67  | 3.55 | 210.22                                    | 420.43 | 630.65 | 840.87 | 1051.08 | 1261.30 | 1471.52 | 1681.73 | 1891.95 | 2102.17 | 20.63   | 41.25 | 61.88 | 82.51 | 103.14 |        |        |        |        |        |
| 6 Speed | Ratio | Rear | 500                                       | 1000   | 1500   | 2000   | 2500    | 3000    | 3500    | 4000    | 4500    | 5000    | 500   | 1000  | 1500  | 2000  | 2500   | 3000   | 3500   | 4000   | 4500   | 5000   |
| 1st     | 3     | 3.92 | 42.52                                     | 85.03  | 127.55 | 170.07 | 212.59  | 255.10  | 297.62  | 340.14  | 382.65  | 425.17  | 4.17  | 8.34  | 12.52 | 16.69 | 20.86  | 25.03  | 29.20  | 33.38  | 37.55  | 41.72  |
| 2nd     | 1.67  | 3.92 | 76.38                                     | 152.76 | 229.13 | 305.51 | 381.89  | 458.27  | 534.64  | 611.02  | 687.40  | 763.78  | 7.49  | 14.99 | 22.48 | 29.98 | 37.47  | 44.97  | 52.46  | 59.96  | 67.45  | 74.95  |
| 3rd     | 1.5   | 3.92 | 85.03                                     | 170.07 | 255.10 | 340.14 | 425.17  | 510.20  | 595.24  | 680.27  | 765.31  | 850.34  | 8.34  | 16.69 | 25.03 | 33.38 | 41.72  | 50.06  | 58.41  | 66.75  | 75.10  | 83.44  |
| 4th     | 1     | 3.92 | 127.55                                    | 255.10 | 382.65 | 510.20 | 637.76  | 765.31  | 892.86  | 1020.41 | 1147.96 | 1275.51 | 12.52   | 25.03 | 37.55 | 50.06 | 62.58  | 75.10  | 87.61  | 100.13 |        |        |
| 5th     | 0.75  | 3.92 | 170.07                                    | 340.14 | 510.20 | 680.27 | 850.34  | 1020.41 | 1190.48 | 1360.54 | 1530.61 | 1700.68 | 16.69   | 33.38 | 50.06 | 66.75 | 83.44  | 100.13 |        |        |        |        |
| 6th     | 0.67  | 3.92 | 190.37                                    | 380.75 | 571.12 | 761.50 | 951.87  | 1142.25 | 1332.62 | 1523.00 | 1713.37 | 1903.75 | 18.68   | 37.36 | 56.04 | 74.72 | 93.40  |        |        |        |        |        |