

GearShifter Game Parameters

Max RPM: 6,500

Axel Ratio: 3.15

Tire Height (in): 26.02755905511811

| | Ratio | MPH |
|----------------------|-------|--------|
| 1 st Gear | 4.110 | 38.88 |
| 2 nd Gear | 2.315 | 69.02 |
| 3 rd Gear | 1.542 | 103.62 |
| 4 th Gear | 1.179 | 135.52 |
| 5 th Gear | 1.000 | 159.78 |
| 6 th Gear | 0.846 | 188.87 |

Torque (ft-lbs) per RPM:

| | | | | | | | | | | |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Torque | 335 | 410 | 405 | 395 | 380 | 365 | 355 | 323 | 285 | 250 |
| RPM (x1000) | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 |

Optimal shift point:

| | | | | | |
|-------------------------------|-----|-----|------|------|------|
| Shift @ rpm(x1000) | 6.5 | 6.5 | 6.10 | 5.75 | 5.75 |
| MPH | 39 | 69 | 97 | 120 | 141 |

Time to redline:

| | Time (sec) |
|----------------------|--------------------|
| 1 st Gear | 2.884645161290323 |
| 2 nd Gear | 5.120838709677418 |
| 3 rd Gear | 7.687935483870968 |
| 4 th Gear | 10.054709677419355 |
| 5 th Gear | 11.854645161290321 |
| 6 th Gear | 14.012935483870965 |