4100Kv 5300Kv 8200Kv 2S LiPo 2S LiPo 2S LiPo 6 cell NiMH 6 cell NiMH 6 cell NiMH 3S LiPo **3S LiPo 3S LiPo** BATTERY 8 cell NiMH 8 cell NiMH 8 cell NiMH 4 POLE SENSORLESS BRUSHLESS MOTOR Stock or Smallest Stock or Stock or Smallest Stock or Smallest Stock, possibly larger PINION smaller possible possible smaller smaller possible smaller Stock or Stock or Stock or Stock or Stock or Largest Largest SPUR. Stock, possibly larger RECOMMENDATIONS possible larger larger larger large large possible



N/A

N/A

0808 MOTOR GEARING RECOMMENDATIONS

Sidewinder Micro - recommended for 2WD vehicles and smaller 4WD (up to 2lbs), i.e. Mini-T, RC18B2, RC18T2 **Mamba Micro X** - recommended for heavier, 4WD vehicles (over 1.5lbs and up to 2.25 lbs), i.e. Mini-LST, Half-Eight, Mini-Quake, Spyder

Always start with the stock gearing, or the smallest pinion and largest spur available for your application. Pinion and spur gear sizes refer to tooth count. The pinion is the smaller gear on the motor and the spur is the large one attached to the car. If you wish to change the gearing, you must check your motor temperature frequently on the first run. If the motor starts to get close to 180° (maximum temperature), reduce the pinion size, increase the spur size, or reduce the pack voltage.

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