

# SP19 STUMP PULLER

Recommended Gearing:

- 18B/18T - 14/60 • 18MT - 10/60

Using the proper gearing will help give the best performance and increase the life of the motor.



## IMPORTANT

*Because your new Reedy motor is slightly longer than the stock motor, you MUST move the Electronic Speed Control (ESC) forward and relocate the switch, as shown in the picture above. A piece of double-sided tape has been included to help you do that.*

This motor was developed for the RC18T. Other applications (including similar 1/18 scale vehicles) may require additional upgrades.



3585 Cadillac Ave.  
Costa Mesa, CA 92626  
714.850.9342  
www.RC10.com/Reedy

# Mini-MOD Motor Tips

These are high RPM racing motors and as such require you to make some adjustments to your vehicle to obtain the best performance.

**Gearing:** You will need to change the gearing of the motor to achieve the proper power band, see the chart below for our recommendations. If the performance of the motor falls off after only a couple of runs you may have the motor over geared and should try using a smaller pinion.

**Maintenance:** In order to keep your motor running in top condition you should clean and inspect the motor every 4-5 runs. If you are running in very dusty conditions it might be necessary to check the motor more frequently. During your inspection of the motor, remove the motor springs and carefully slide the brushes out of the brush holders to inspect them. If they are discolored or worn excessively you should replace the brushes. The part number for replacement brushes from Reedy is 288. If the brushes look good carefully place them back into the brush holders and put the springs back on. Clean the motor with a high quality motor spray to remove dirt and grease. After cleaning the motor, add a small drop of light oil to each of the motor bearings.

18T/18B	Part #	Motor	Rec. Gearing
	21210	Stock 370 Motor	14/60
	290	SP-19 Motor	14/60
	291	17 Turn Mini-Mod Motor	12/60
	292	19 Turn Mini-Mod Motor	13/60

18MT	Part #	Motor	Rec. Gearing
	21210	Stock 370 Motor	10/60
	290	SP-19 Motor	10/60
	291	17 Turn Mini-Mod Motor	n/a*
	292	19 Turn Mini-Mod Motor	n/a*

\* We do not recommend using Mini-Mod motors #291 or #292 on the 18MT or vehicles that use monster truck size tires. Due to the high rpm nature of these motors and the extra load of the large diameter tires it is difficult to achieve the correct gearing and damage to the motor will occur. We suggest the #290 SP-19 Stump Puller motor as it has more torque for this type of application.

*This motor is guaranteed to be free from defects in materials or workmanship at the time of purchase. This limited warranty does not cover defects that are the result of normal wear, misuse, or improper maintenance.*