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TECH CORNER

Installing Solder on Pinion

Step 1. Oil around motor bushing liberally and completely saturate the steel pinion. The oil will help keep excess solder out of the motor and gear teeth.

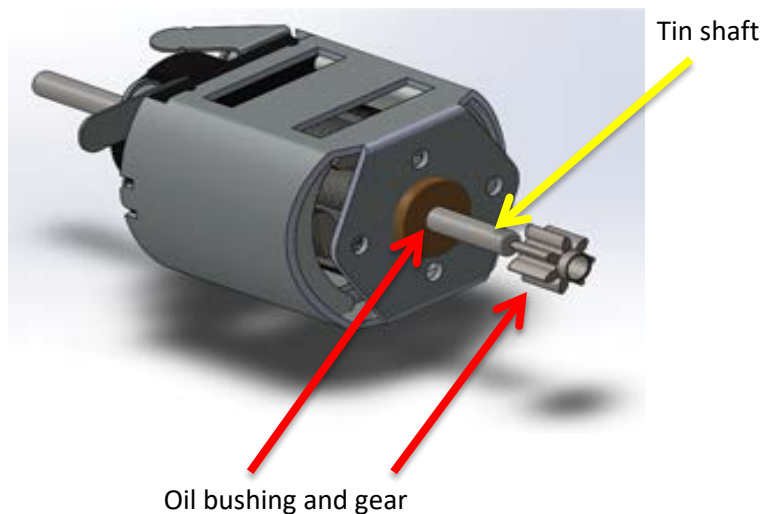
Step 2. Pre-tin the end of the motor shaft using liquid flux and solder.

Step 3. Clean the tip of the soldering iron completely.

Step 4. Stand the motor up, put pinion on the end of the shaft, holding it with the flat end of the soldering iron and keep it there until the pinion slides down over the shaft.

Step 5. Cool quickly by pressing the hot pinion on a damp sponge.

Step 6. Re-oil the gear and the end bearing.



Press down
while heating
Pinion with soldering iron



Now Get out... Go racing... and most of all enjoy!