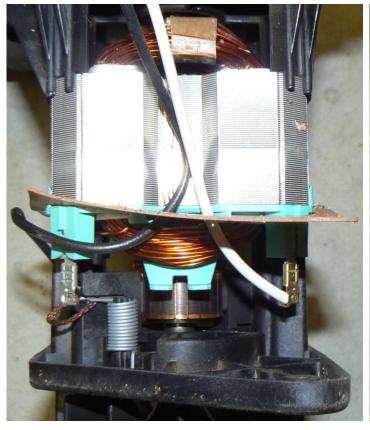
## Repair Chain Saw

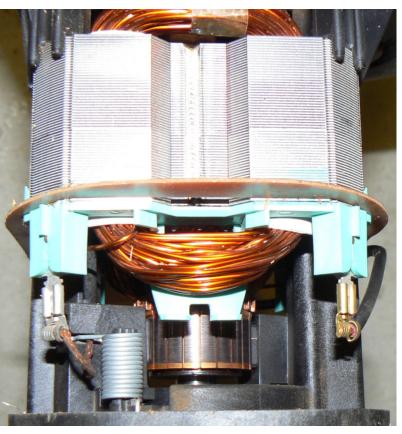
Chain saw stopped working all of sudden. It is common knowledge that the cause is carbon brush contact failure. Carbon brushes must be replaced. Tools with AC (Alternate Current) motor such as chain saw is sold with spare carbon brushes but this chain saw was exclusive.



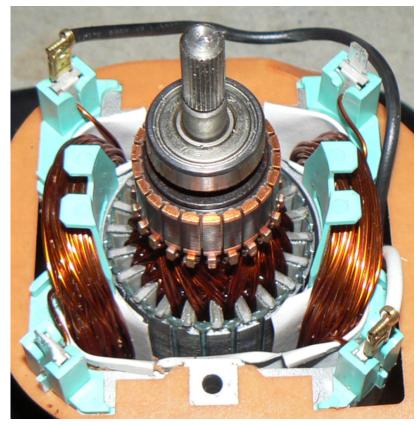
Disassembled



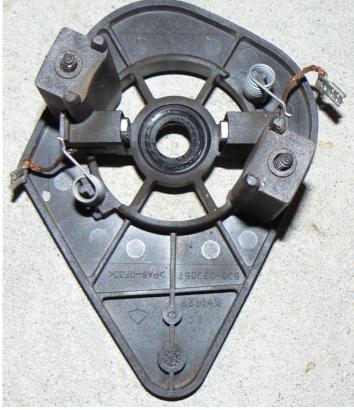
Side View (AC 120V Supply; Black & White Wire)



Side View (180 Degrees Reversed Direction)



Rotor with Windings & Commutator, Stator Windings, Ports



Two Carbon Brushes & Guides & Push Springs

Two bolts (Right) go through the holes (Left). Brush female terminals (Right) are connected to each stator windings through male terminal pins (Left).



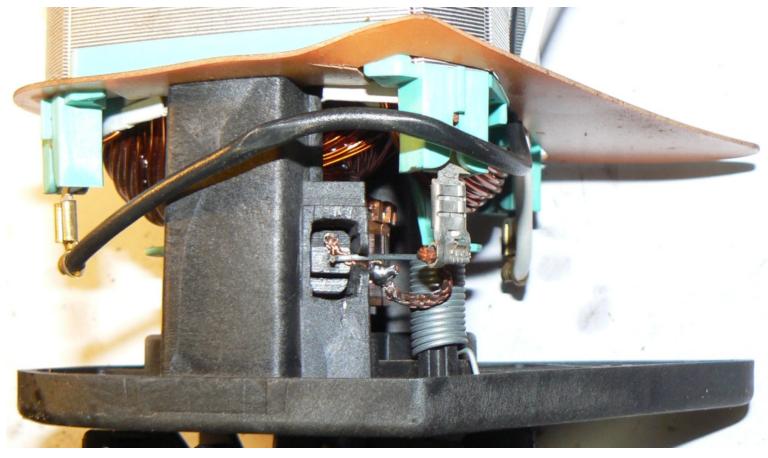
Inside Brush Guide (Burnt Carbon Clagged)



Old Carbon Brush with Female Terminal & Wire



New Carbon Brush with Female Terminal & Wire



Replaced Carbon Brushes & Connected to the Terminal