



## Audel Small Electric Motors : Use, Selection, Repair, and Maintenance

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Audel, 1993. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface. Acknowledgments. PART ONE-Introduction. 1. Motor Repair Tools. Screwdrivers ? Pliers ? Hammers ? Hacksaws ? Wrenches ? Other Tools ? Meters and Test Devices. 2. Motor Repair Supplies. Setscrews ? Carbon Brushes ? Bushings and Bearings ? Shaft Adapters ? Rubber Mounts ? Fiber Washers ? Rubber Grommets ? Replacement Switches ? Electrolytic Capacitors ? Insulating Enamel ? Cord ? Motor Wiring for Installation. PART TWO-Fractional-Horsepower Motors (Basic Types). 3. Small DC and Universal Motors. Shunt DC Motors ? Compound Motors ? Permanent-Magnet Motors ? Series or Universal Motors ? The Hand Drill ? Portable Saws ? Repairing a Series (Universal) Motor ? Miscellaneous Information. 4. Split-Phase Motors. Starting a Single-Phase Motor ? Starting a Split-Phase Motor ? Characteristics of the Split-Phase Motor ? Dual Frequency Operation ? Motor Noise and Vibration. 5. Capacitor-Start Motors. Starting a Capacitor-Start Motor ? The Electrolytic Capacitor ? Characteristics of the Electrolytic Capacitor ? Characteristics of Capacitor Motors ? Reversing the Motor ? Dual-Frequency Operation ? Mechanical and Electrical Noises. 6. Shaded-Pole Motors. Starting the Shaded-Pole Motor ? Types of Shaded-Pole Motors ? Construction of Shaded-Pole Motors...

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