

## Electric Motor, Power Tool, and Related Repairers

49-2092.00



**Description:** Repair, maintain, or install electric motors, wiring, or switches.

### Other Resources:

[ONET Link](#)

[MyNextMove Link](#)

**Sample of Reported Job Titles:** Electric Motor Mechanic, Electric Motor Repairman, Electric Motor Winder

### Job Zone

**Title:** 3 - Medium Preparation Needed

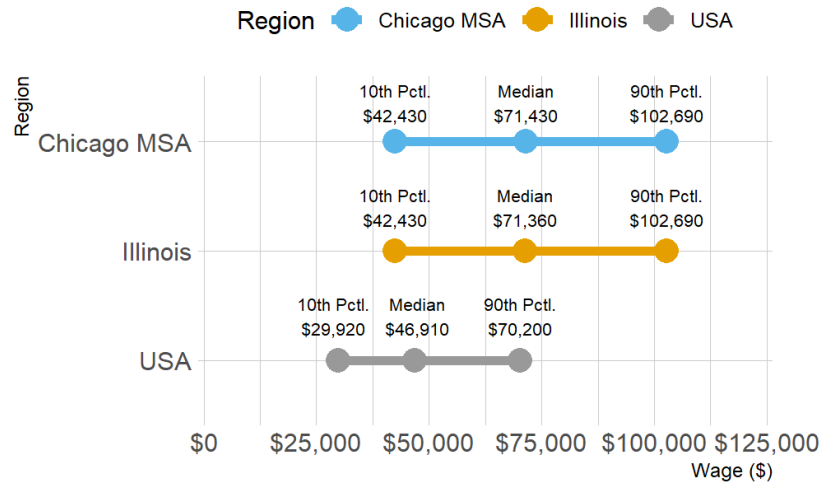
**Education:** Require training in vocational schools, related on-the-job experience, or an associate's degree.

**Experience:** Previous work-related skill, knowledge, or experience is required.

**Training:** One or two years of training involving both on-the-job experience and informal training with experienced workers needed. A recognized apprenticeship program may be associated with these occupations.

**Hot Technologies:** Autodesk AutoCAD, Microsoft Access, Microsoft Office Suite, Python, SAP business and customer relations management software

Region	Employment	Location Quotient	Median Wage
Chicago MSA	730	1.52	\$71,430
Illinois	840	1.33	\$71,360
USA	15,880	—	\$46,910



Top 5 Core Tasks According to Current Job Holders	Frequency	Importance (out of 100)
Inspect and test equipment to locate damage or worn parts and diagnose malfunctions, or read work orders or schematic drawings to determine required repairs.	Hourly or more	91
Reassemble repaired electric motors to specified requirements and ratings, using hand tools and electrical meters.	Several times daily	85
Measure velocity, horsepower, revolutions per minute (rpm), amperage, circuitry, and voltage of units or parts to diagnose problems, using ammeters, voltmeters, wattmeters, and other testing devices.	Several times daily	84
Repair and rebuild defective mechanical parts in electric motors, generators, and related equipment, using hand tools and power tools.	Hourly or more	84
Lift units or parts such as motors or generators, using cranes or chain hoists, or signal crane operators to lift heavy parts or subassemblies.	Several times daily	84