Dietz Electric Highlights Servo Motor Repair Services for Industrial Equipment

October 30, 2026

MILWAUKEE, WI - October 30, 2026 -
Dietz Electric of Milwaukee, WI announced an update to its list of servo motor repair services, detailing the company's diagnostic, rebuilding, and testing procedures for AC, DC servo, and stepper motors used across industrial and manufacturing operations. The announcement outlines the repair process the company follows and the one-year comprehensive warranty that accompanies completed work.

The company services motors from numerous manufacturers, including ABB, Allen Bradley, Baldor, Fanuc, and Yaskawa, along with more than 25 additional brands. By supporting equipment from a wide range of original equipment manufacturers, Dietz Electric aims to give plant maintenance teams and facility operators a repair option for motors that might otherwise require costly replacement or long lead times for new units.

Each servo motor repair begins with disassembly, cleaning, and a full inspection of the motor's internal components. Technicians replace worn seals and bearings and evaluate feedback and control components, repairing or replacing brakes, encoders, resolvers, tachometers, and hall-effect devices as needed. This component-level approach is intended to restore both the mechanical and electronic functions that servo motors rely on for precise motion control.

Testing forms a central part of the company's process. Completed units are run on test stations at the company's equipped facility to confirm they meet original manufacturer performance specifications, and brakes undergo torque testing before a motor is returned to service. Dietz Electric noted that this verification step is designed to reduce the risk of repeat failures once a repaired motor is reinstalled in production equipment.

"Servo motors sit at the heart of a lot of automated equipment, so when one fails, the whole line can come to a stop," said Mark Henson, Owner of Dietz Electric. "Our goal with every servo motor repair is to get the motor back to the way it performed when it left the factory, and the only way to know we've done that is to test it against the manufacturer's own specifications before it goes back to the customer."

The company maintains an inventory of parts and complete units for high-demand models to support faster turnaround on common repairs. Because of the volume of ABB work the shop handles, Dietz Electric stocks components and finished units for more than 50 ABB servo motor models, a step the company says helps it respond to repair requests without waiting on hard-to-source parts.

Servo motor repair differs from standard AC motor service because of the sensitive feedback devices and control electronics involved. Encoders and resolvers must be aligned correctly for a motor to hold position and speed accurately, and a small error in reassembly can affect the performance of an entire automated system. Dietz Electric's process is built around addressing both the electromechanical and electronic elements of these motors so that a rebuilt unit behaves predictably once it is placed back into a control loop.

The company holds membership and affiliation with industry organizations including NEMA, EASA, and IEEE, reflecting an alignment with recognized standards for electrical apparatus and motor repair practices. These affiliations connect the shop's procedures to broader industry guidelines for winding, testing, and rebuilding rotating equipment.

Downtime associated with a failed servo motor can extend beyond the cost of the motor itself, affecting production schedules and output. By offering repair as an alternative to replacement, Dietz Electric positions its services as a way for manufacturers to extend the life of existing equipment while managing maintenance budgets. Repaired motors can often be returned to service at a fraction of the cost of new units, particularly for older or discontinued models that are difficult to replace.

"A lot of the motors we see are on machines that are still perfectly capable of running for years," Henson said. "Replacing the whole unit isn't always necessary or even possible when a model has been discontinued, and a properly executed repair keeps that equipment productive."

Dietz Electric operates from its facility at 4329 W Lincoln Ave in Milwaukee, Wisconsin, and provides personalized quotes for repair work based on the specific motor and the scope of the required service. The company's warranty covers all repairs for one year unless otherwise noted on the quote.

Additional information about the company's servo motor repair services, supported manufacturers, and quote requests is available at www.dietzelectric.com.

###

For more information about Dietz Electric Co. Inc., contact the company here:Dietz Electric Co. Inc.Mark Henson4146453000info@dietzelectric.com4329 W Lincoln AveMilwaukee, WI 53219

Dietz Electric Co. Inc.

Dietz Electric is an expert in electrical and mechanical repair, machine shop services, motor testing and electronic drive and controller repairs.

Website: https://www.dietzelectric.com/

Email: info@dietzelectric.com

Phone: 4146453000