

# Innovative Solutions For All Your Repair Needs

Repair. Replace. Remanufacture.

**PSI REPAIR SERVICES, INC.**

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**United States**  
11900 Mayfield  
Livonia, Michigan 48150-1710  
Phone:800.325.4774

**Canada—Ship to:**  
PSI Repair Services Inc.  
C/O WWD - Kuehne & Nagel  
3950 Malden Road Unit #5  
Windsor Ont. CN N9C 2G4

**Canada—Submit Payments to:**  
PSI Repair Services, Inc.  
P.O. Box 21073  
Windsor, Ontario N9B 3T4

psi-repair.com

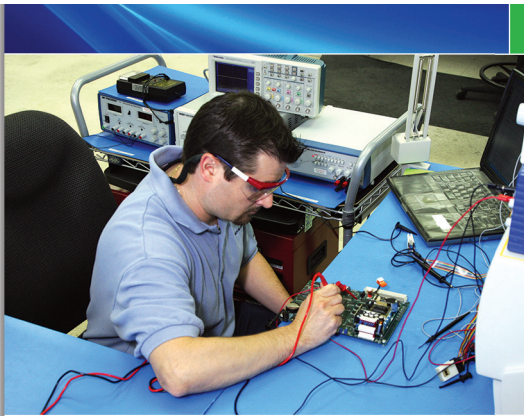
ISO 9001:2008  
CAGE CODE 5N884  
FAA FAR-145 Repair Station Certified

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CAGE 5N884

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Electronic Repair Capabilities

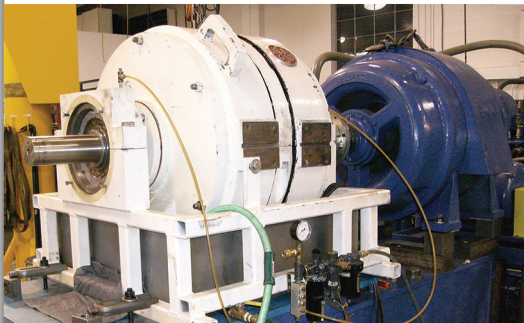
- Printed Circuit Boards
Programmable Controllers
I/O Cards
Distributive Controllers
Process Controllers
Robot Controllers
Teach Pendants
Welder Controls
Touchscreens
Monitors and Displays
Computer Numeric Controls
Industrial Workstations
Power Supplies
Test Equipment
Automated Guided Vehicles
...and many more

Mechanical Repair Capabilities

- On-Site Services
Warranty Tracking
Trend Analysis
Storeroom Staffing
Field Service
Integrated Supply
Stocking Programs
...and many more

Just Some of The Manufacturers We Repair

- Allen Bradley
General Electric
Fanuc
Santasalo
Pratt & Whitney
Mazak Ball Screw
Honeywell
Siemens
Kuka
...and many more



Why choose PSI Repair Services to repair your worn and broken components?

Because PSI Repair Services offers Cost Savings, Engineering Solutions, and World-Class Responsiveness. Everything we do is designed to improve your bottom line—by repairing rather than replacing expensive parts, by understanding your manufacturing process—then engineering new and better ways to keep your equipment at peak efficiency.

ELECTRONICS

- In addition to replacing hard failed parts we go a step further by identifying stressed and degraded parts. The result is a repair that provides Maximum Mean Time Between Failure and is in like-new condition!
Temperature-controlled enclosures allow for heat testing components.
PSI can repair and system-test individual robot components or rebuild the complete robot.
Expertise on repair and sustainment of obsolete equipment
Monitors, operator interface, and display repair
PSI can create schematics when not available.

BALL SCREWS

- Precision, rolled, and Acme
Emergency reload
Manufacture new screw when part is beyond economical repair
Design enhancement

SERVO MOTORS & DRIVES

- High-voltage surge testing stresses motor windings to check for breakdown under heavy load.
Dynamometer load testing for AC and DC servo motors
Encoder testing with servo motor as complete unit

PRECISION MECHANICAL ASSEMBLIES

- Dynamic testing for hydraulic servo actuators, up to 3,000 psi
Hydraulic test capabilities of up to 5,000 psi and 150 gpm
Proportional valves repairs include inspection, cleaning, calibration and part replacement if needed.
Vacuum pumps tested for maximum vacuum draw, air flow characteristics
Nut runner and control repair
Blower impeller balancing on IRD mechanalysis equipment
Speed reducers, gearboxes, variators, and clutch repairs

SPINDLES

- Vibration analysis and precision balancing
Class 9 bearings



PSI Repair Services, Inc. has 56,500 square feet of repair space.

Are equipment failures hurting your bottom line?
Make Informed Decisions and Extend The Life Of Your Critical Equipment.

ENGINEERING SERVICES



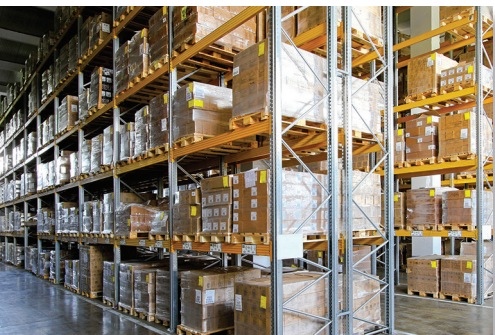
Do you rely on older, obsolete equipment to keep your business productive? Are you puzzled as to why certain production equipment/components continuously fail?

If you answered “yes” to any of these questions, there is hope. PSI’s Engineering Services Department is home to the most talented engineering minds and advanced diagnostic equipment in the industry. We help our customers get to the source of performance problems so they can make better, more cost-effective decisions. Options include PSI’s Custom

Test Program, Component Upgrade Services, Remanufacturing Services, Legacy Product Manufacturing Services and First Article/Prototype Design Services. No other repair company on the planet has an Engineering Services Department quite like PSI. It’s what separates PSI from the competition. Call us now to learn more about PSI’s Engineering Services at 800-325-4774.

We’re not just a repair company—we also offer surplus parts.
Service options: buy surplus, sell us your surplus or let us sell your parts on consignment.

SURPLUS SERVICES



Buying surplus parts from PSI is quick and easy. We have thousands of parts in stock. PSI offers huge savings, simply tell us the part number or name, manufacturer, or component type. A PSI Customer Service Representative will take care of the rest. If we don’t have the particular part you’re looking for in stock, we will find it for you. For added convenience, we offer rush and after-hours service. All surplus parts from PSI are tested, and come with a warranty. PSI buys and sells everything from PCB’s, drives, motors and inverters to robotic components, servo drives and pumps. Call our Surplus Services experts today to learn more about

PSI’s cost saving options over the price of buying new parts at 800-325-4774 or visit our eBay site at http://stores.ebay.com/PSI-Repair-and-Surplus-Services.

PSI can fabricate replacement printed circuit boards for your obsolete equipment.