



# Factory Repair Services for Governor Pumps and PMGs

➤ **EXPERT  
SERVICE**

➤ **FAST  
TURNAROUND**



Our Training and Repair Facility offers repair services for major governor auxiliary systems like XX Herringbone Gear Pumps and Permanent Magnet Generators. Factory repairs save you money compared to a service call and allow us to perform additional services that are difficult or impossible to do in the field. Factory Repair Services available for:

## **XX Herringbone Gear Pumps (Woodward)**

These pumps are very robust and will last many more years with routine maintenance. In addition to basic pump overhaul services, we offer advanced repair services and have been able to repair some severely damaged pumps that customers thought were beyond saving.

### **Basic pump overhaul includes:**

- Disassemble, clean and inspect pump and unloader
- Replace pump (4) and motor (1) bearings
- Inspect and dress herringbone gears
- Install new gaskets, seals and O-rings
- Reassemble and adjust end clearance to OEM specs

### **Advanced repair services include:**

- Side grind the drive and idler gears to maintain proper centering of the gears when meshed
- Magnaflux inspect drive and idler gear journals for cracks
- Resurface inboard and outboard bearing plates to remove any score marks

## **Permanent Magnet Generators (Woodward or Pelton)**

PMGs also have a very long useful life, but they do need periodic maintenance and voltage can degrade over time. We offer a full range of factory services for both Woodward and Pelton units, including:

- **Overhaul**
  - Disassemble, clean and inspect
  - Upper and lower bearing replacement
  - Test and verify PMG output voltage
  - Test and verify Speed Switch settings
- **Remagnetization**
- **Stator Lead Repairs**

American Governor is committed to supporting all your governors, regardless of manufacturer or model, with parts, field service, technical support, training and engineering for as long as you wish to keep them in service.

- **Regional offices** serve you better! Call today for governor parts, service, training, or technical support.
- **Governor School** is back! **Every June in Wisconsin.** Call your Regional Office for details.
- Whether **New or Reconditioned**, all American Governor parts come with our **standard one year warranty.**
- **Got nagging governor problems?** American Governor experts are just a phone call away.
- **OEM unsupportive?** American Governor supports all types and styles of hydro governors, **produced by any manufacturer.**
- **Got an emergency?** Call us! American Governor has a **wide variety of governor assemblies and auxiliary systems** that can be sent out on short notice to get your unit running.

**Factory repairs are also available for other governor assemblies:**



Aux. Speed Switches



Brake Air Valves



Dashpots



Distributing Valve Plungers and Bushings



Analog Modules



Digital Modules

## American Governor Company - Contacts

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**[www.americangovernor.com](http://www.americangovernor.com)**