



Governor Kits and Upgrade Systems

Using Industry-Standard PLC and Hydraulic Systems

➤ Solenoid-Operated Pump Unloader Kits

➤ Retrofit Kits:

Selsyn Meters
3D Cam Control
Speed Switches
Digital Interface

➤ Kidney Loop Oil Filtration Systems

➤ XX and Series 20 Pump Overhauls

➤ Partial Governor Upgrade Kits

➤ Complete Digital Governor Systems

➤ High Pressure Hydraulic Power Units (HPU)

American Governor Company offers a complete suite of engineered products, governor retrofit kits, partial upgrade kits, and complete digital governor systems. American Governor engineers are Woodward-trained and have decades of experience in the design, engineering, and commissioning of governors and hydraulic systems.

Our digital upgrades are based on Programmable Logic Controller (PLC) hardware and software products from industry leaders like Allen-Bradley™, GE Fanuc™ and Modicon™. Our seasoned programmers have years of experience programming Woodward and PLC digital governor systems. We understand the unique characteristics that separate a true hydroelectric governor from a simple speed controller.

Retrofit Kits:

- > Solenoid-Operated Unloader Kits
- > Selsyn Replacement Kits
- > Blade Control "3D Cam" Replacement Kits
- > Electronic Speed Switch Kits
- > Digital Governor Interface (controls existing governor)
- > Actuator-to-Proportional Valve Retrofits
- > Kidney Loop Oil Filtration Systems
- > Dashpot Bypass Conversion Kits



Unloader Pilot Valve Kit

Digital Governor Upgrades:

- > Partial Upgrade Kits (includes PLC and Pilot Valve Replacement Kits)
- > Complete Governor Upgrade Systems (includes PLC, Valves, HPU, Pressure Tanks and Servos)
- > Digital governor upgrades are available for:

Mechanical Cabinet Actuators

Analog Electric Actuators (Mod I and II)

Type A Actuators

Gateshaft Governors

Other Types: Pelton, Cheston, Allis-Chalmers, Voith, Lombard, SM Smith and others



Digital Governor Cabinet

Digital Governor Features

Our systems are designed around your needs and budget:

- > Programmable Logic Controller (Simplex or Redundant)
- > Advanced remote communications (Industry-standard protocols)
- > Color Touchscreen HMI (Local, Remote, or both)
- > Electronic Position Feedback (Simplex or Redundant)
- > Electronic Speed Sensing (Simplex or Redundant)
- > Hydraulic Valve Manifolds (Simplex or Redundant)
- > Hydraulic Power Units (High and Low Pressure)
- > Pressure Accumulators and Servomotors

American Governor Company - Contacts

We Provide Parts and Service for:

- **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**.



Gateshaft Governors



Mechanical Cabinet Actuators



Analog Cabinet Actuators



Digital Governors

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Wisconsin Training and Repair Facility

For more information, visit us on-line at:

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