



AMERICAN GOVERNOR

GOVERNOR KITS AND UPGRADE SYSTEMS **Using Industry-Standard PLC and Hydraulic Systems**

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 OEM-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™, Modicon™ and Siemens™. 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 Interface Kits
- 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 Governor PLC, Electronic Feedback and Pilot Valve Replacement)
- 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

• **SOLENOID-OPERATED PUMP UNLOADER KITS**

• **KIDNEY LOOP OIL FILTRATION SYSTEMS**

• **RETROFIT KITS**
- SELSYN METERS
- 3D CAM CONTROL
- SPEED SWITCHES
- DIGITAL INTERFACE
- DASHPOT BYPASS
- ACTUATOR RETROFITS

• **PARTIAL GOVERNOR UPGRADE KITS**

• **COMPLETE DIGITAL GOVERNOR SYSTEMS**

• **HIGH PRESSURE HYDRAULIC POWER UNITS (HPUs)**



AMERICAN GOVERNOR

We Provide Parts and Service for:



Gateshaft Governors



Mechanical Cabinet Actuators



Analog Cabinet Actuators



Digital Governors

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.

New and Reconditioned Parts Available

American Governor parts meet or exceed OEM standards.

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.

Have an Emergency? Call Us!

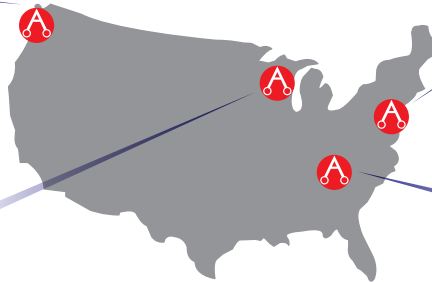
American Governor has a wide variety of governor assemblies and auxiliary systems that can be sent out on short notice to get your unit running.



Wisconsin Training and Repair Facility

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For more information, visit us on-line:

