



AMERICAN GOVERNOR

- **LOCAL AND REMOTE CONTROL OF GATE LIMIT**

- **ADJUSTABLE RAMP RATE**

- **FEEDBACK POTENTIOMETER**

- **RE-USES ORIGINAL GATE LIMIT DIAL AND POINTER**

- **PARTIAL GOVERNOR UPGRADE KITS**

- **PRESERVES MANUAL CONTROL**

- **INSTALLATION AND OPERATION MANUAL**

GATE LIMIT ACTUATOR

For Remote Control of Gateshaft Startup and Shutdown

Most Gateshaft governors already have a Speed Adjust motor for remote control, but many do not have the corresponding Gate Limit motor that is necessary for remote control of unit startup and shutdown. Our bolt-on kit enables remote control of Gate Limit via Raise/Lower pulses and includes a potentiometer for feedback of Gate Limit setting.

Gate Limit Actuator Features:

- DC motor actuator (Input: 24VDC – 125VDC)
- Adjustable ramp rate (via external rheostat)
- Adjustable end-of-travel limit switches
- Linear potentiometer for feedback
- Re-uses original dial and pointer
- New manual control knob
- New gate limit cam for linear response
- Detailed Installation & Operation manual



Gate Limit Actuator

American Governor Company offers a complete line of pre-engineered retrofit kits, partial upgrade kits, and digital governor systems:

Governor Retrofit Kits Available:

- Solenoid-Operated Pump Unloader Kits and Lead/Lag Operator Panels
- Selsyn Replacement Kits (substitutes 4-20mA transducers, new remote indicators)
- 3D Cam Replacement Kits (eliminates obsolete mechanical and early-digital designs)
- PLC-based Speed Switch Replacement Kits (eliminates auxiliary switches)
- Digital Governor Interface Kits (for remote control of mechanical and analog governors)
- Kidney Loop Oil Filtration Systems (to maintain oil cleanliness and extend component life)
- Ballhead Drive Simulator (for simulated on-line governor testing while unit is off-line)

Governor Upgrade Kits Available:

- Partial Upgrade Kits (includes PLC and Pilot Valve Replacement Kits)
- Complete Governor Upgrade Systems (includes PLC, valves, HPU units and pressure tanks)
- American Governor Upgrade Kits are available for governors made by:

Woodward:

*Mechanical Cabinet Actuators
Analog Electric Actuators (Mod I and II)
Gateshaft Governors
Type A Actuators*

Other Manufacturers: *Pelton, Cheston, Allis-Chalmers, Voith, ASEA, SM Smith, Lombard, others*

While we do offer upgrade kits, American Governor is also **proud to support your legacy governors** with high-quality replacement parts at reasonable prices, expert field service on short notice, knowledgeable technical support, and professional training classes.



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!

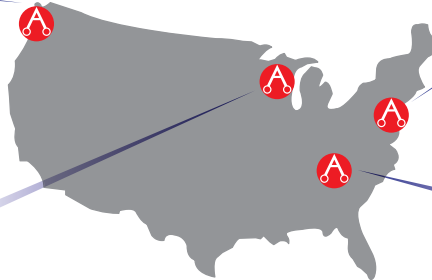
American Governor has a wide variety of governor assemblies and auxiliary systems that can be sent out on short notice to get your unit running.



Wisconsin Training and Repair Facility

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