



Gate Limit Actuator

for remote control of Gateshaft start-up and shutdown

➤ Local and Remote Control of Gate Limit

➤ Adjustable Ramp Rate

➤ End-of-Travel Limit Switches

➤ Feedback Potentiometer

➤ Re-uses Original Gate Limit Dial and Pointer

➤ Preserves Manual Control

➤ Installation and Operation Manual

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 start-up 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 Kit 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. Our motto: "No governor is obsolete."

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

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