

Governor Products

Gate Limit Actuator

For Remote Control of Gateshaft Startup & Shutdown

LOCAL AND
REMOTE CONTROL
OF GATE LIMIT

ADJUSTABLE
RAMP RATE

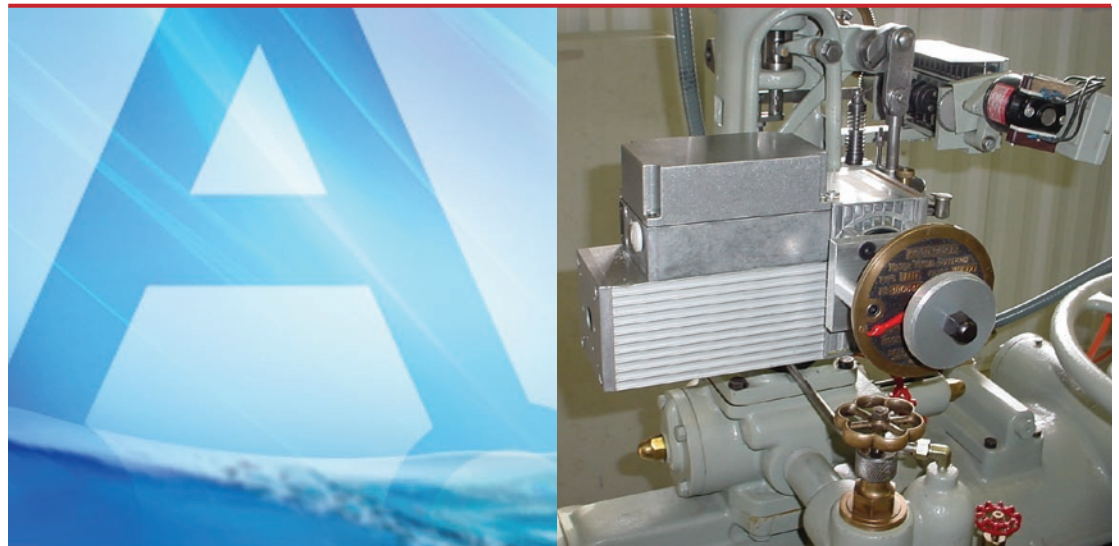
FEEDBACK
POTENTIOMETER

RE-USES ORIGINAL
GATE LIMIT DIAL
AND POINTER

PARTIAL
GOVERNOR
UPGRADE KITS

PRESERVES
MANUAL
CONTROL

INSTALLATION
AND OPERATION
MANUAL



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

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.



CORPORATE HEADQUARTERS

27 Richard Road
Ivyland, PA 18974
Phone: (215) 354-1144
Fax: (215) 354-1782
Email: info@americangovernor.com

NORTHWEST OFFICE

Contact: Roger Clarke-Johnson
Lori Bergren
Kirkland, WA
Phone: (425) 821-8076
Fax: (425) 821-4127
Email: rogercj@americangovernor.com
lorib@americangovernor.com

BRAZIL REGIONAL OFFICE

Contact: Suzane Frisselli
São Paulo, Brazil
Phone: +55 (11) 3449 0881
Fax: +55 (11) 3666 9016
Email: sfrisselli@americangovernor.com

MIDWEST TRAINING & REPAIR CENTER

Contact: Sara Karolus
Amherst, WI
Phone: (715) 824-3800
Fax: (715) 824-5979
Email: sarak@americangovernor.com

SOUTHEAST OFFICE

Contact: Alan Fox
Tandi Trent
Maynardville, TN
Phone: (865) 992-1123
Fax: (865) 992-2921
Email: alanfox@americangovernor.com
ttrent@americangovernor.com



For more information, visit us on-line at www.AmericanGovernor.com