



## THE 3597 GATE MECHANISM FROM WESTERN-CULLEN-HAYES, INC.

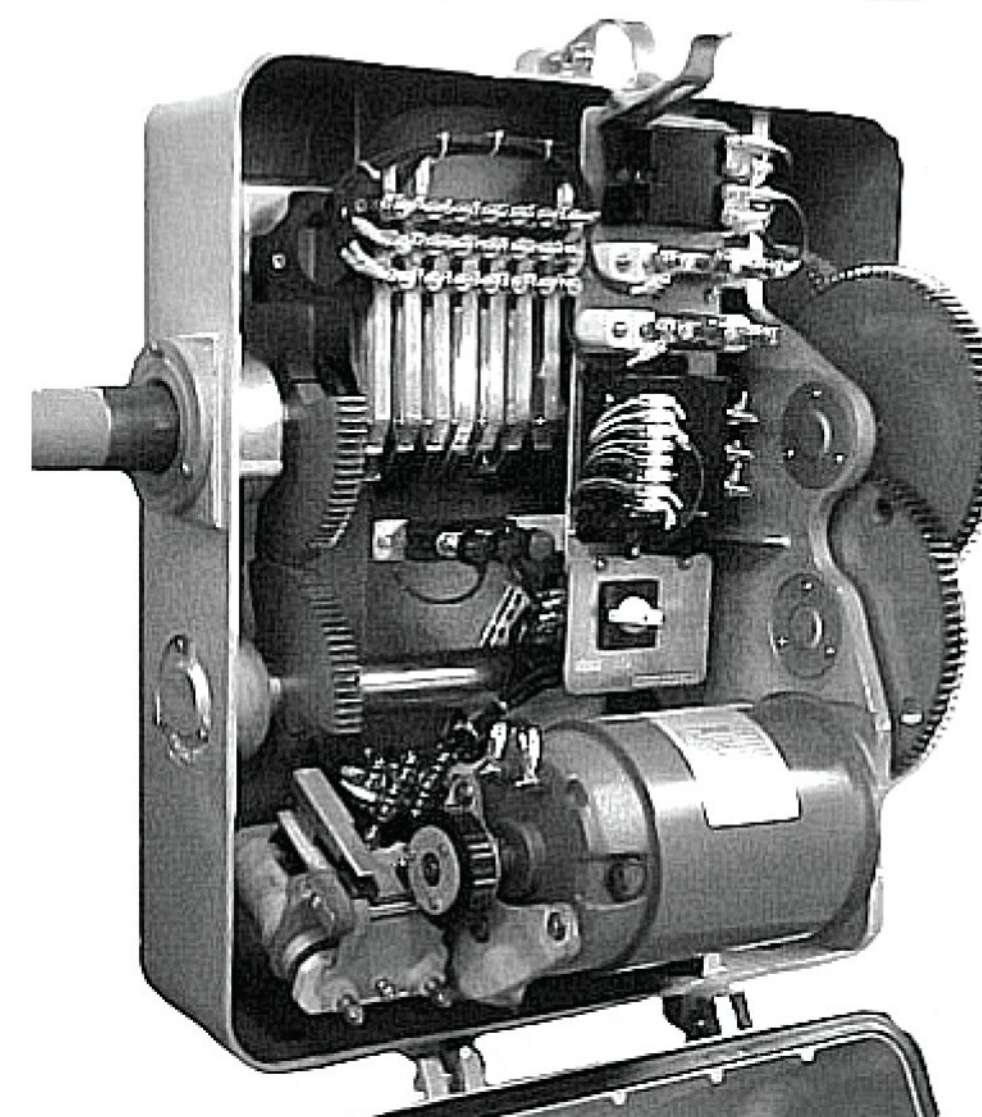
U.S. Patent 6,307,339

The 3597 offers the same proven reliability as previous Western-Cullen-Hayes mechanisms but with the added performance of our patented Electronic Gate Monitor (EGM), and a new high torque permanent magnet motor.

The Electronic Gate Monitor protects the mechanism from damage if:

- The counterweights crash after the gate arm is knocked off.
- The gate arm crashes down caused by loss of power.
- The gate arm pumps.
- The motor overloads due to an obstructed gate arm.

The Model 3597 also features, as standard, a power down and test switch that operates the mechanism to the horizontal position without a gate arm in place. This switch enables signal maintenance personnel to replace a damaged gate arm safely.



The set up and service of the 3597 is quite different than any other mechanism. Carefully read and follow the instructions in this manual to insure the proper set up and operation of the 3597 Gate Mechanism.