

Enhanced Mechanism/Maintenance Kit for 5 kV Vacuum Replacement Circuit Breakers

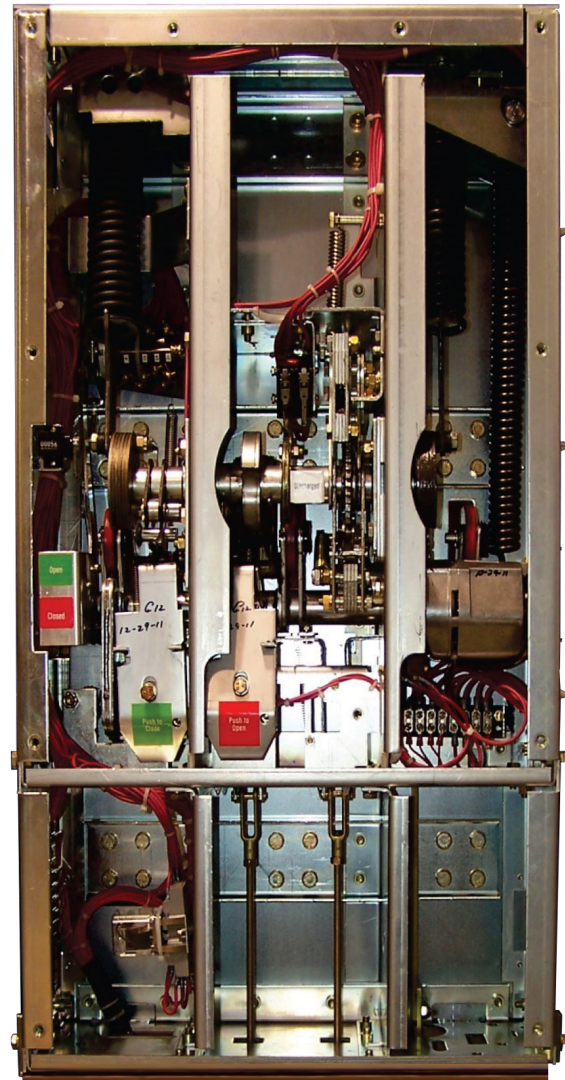
Background

Westinghouse, a leading supplier of nuclear-safety-related products and services, has developed an improved circuit breaker element and a field maintenance parts upgrade kit for 5 kV vacuum replacement circuit breakers. The kit contains newly enhanced parts that are improvements to several of the original components and provide increased durability and reliability.

Description

Westinghouse designed and tested the 5 kV enhanced mechanism/maintenance kits, which contain complete mechanism assemblies and individual hardware and piece parts for installation, to upgrade the existing fleet of vacuum replacement circuit breakers.

The kits meet nuclear-safety-related, medium voltage breaker requirements. Westinghouse has performed extensive testing of the components to provide maximum quality and reliability. All the enhanced components meet the original qualifications for vacuum circuit breakers.



5 kV enhanced mechanism/maintenance kit (10072C80G01) with electrical accessories kit installed

Benefits

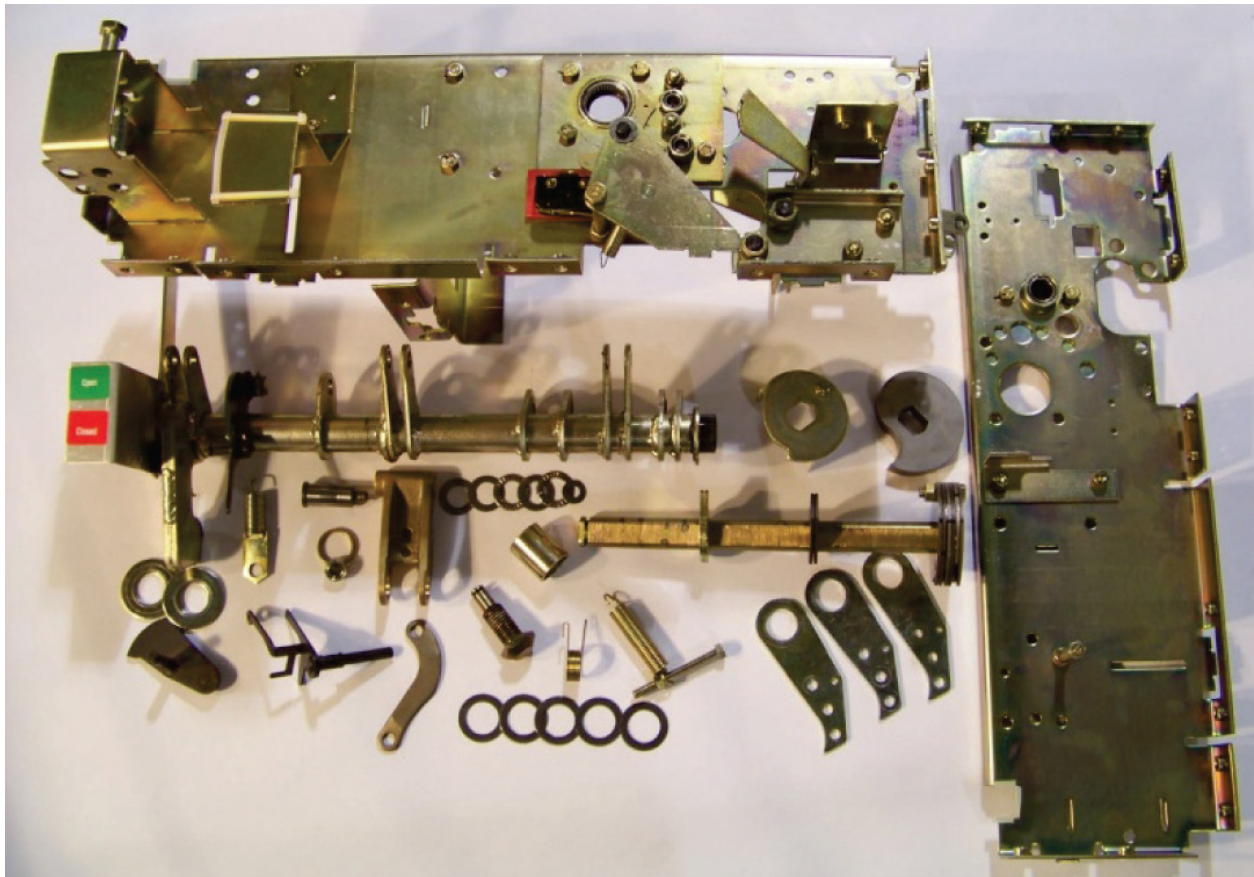
Lower Maintenance Costs

The vacuum replacement circuit breakers enhanced mechanism/maintenance kit reduces the maintenance associated with vacuum circuit breakers by improving upon the originally installed components. The kit's new components are held to tighter tolerances and are more structurally robust than are their older counterparts, therefore requiring less maintenance.

Improved Reliability

The vacuum replacement circuit breakers enhanced mechanism/maintenance kit improves the overall reliability of vacuum circuit breakers. Westinghouse's detailed inspections, testing and improved parts provide greater vacuum circuit breaker reliability. Westinghouse rigorously inspects and tests each kit, providing a high-quality product.

Westinghouse offers an instructive training class for installation and maintenance of the enhanced mechanism/maintenance kit.



Typical 5 kV mechanism components