**High Voltage Parts**

Whether it’s scheduled maintenance or emergency situations, OEM parts are ultimately the most economical choice, and effectively protects the operational reliability of your fleet.

ABB maintains an extensive inventory of spare parts that not only supports current ABB production but also supports our legacy products (ABB, ASEA, ITE, Brown Boveri, Gould, and Westinghouse).

Spare parts may be individual equipment items or complete and full-range package deals for your inventory.

**Features:**
- ABB is the largest provider of authentic OEM aftermarket parts for circuit breakers (38kV to 800kV) and GIS in the high voltage industry.
- 38kV and above SF6 or oil circuit breakers
- $20M of current production and all legacy brand circuit breaker parts in stock and ready for same day shipping
- Spare parts inventory dating back to 1920
- Ongoing support for heritage brands
- 1,000,000 design records in print and microfilm
- Most lineage parts exceed OEM specifications
- Every kit ABB builds is individually tailored to the shop order and breaker serial number for precise fit and application
- Parts shipped via UPS, LTL, and internationally
- Assembly kits are available to life extend and increase reliability of HV switchgear

**Benefits:**
- OEM parts ensure form, fit, and function
- Same day shipping on many parts
- Expertise & ability to remanufacture and life extend all legacy and current production high voltage breakers and components
- Factory-based resources ensure exact replacement parts are supplied
- Expertise to develop strategic and critical parts program with customers

Call now to schedule an evaluation of your fleet for inventory cost reduction or life extension opportunities at 724-696-1300.
Why perform maintenance?
Regular maintenance provides: high equipment reliability and increased uptime; a substantially extended mechanical and electrical life; improved performance, safety, and operating capability; and reduced overall maintenance costs.

Routine Maintenance Parts Kits
ABB offers maintenance kits that provide all the parts and materials that may be required for time and condition-based maintenance routines. These packaged kits include o-rings, seals, desiccant and other parts that may require replacing during maintenance and inspection.

Interrupter rebuild kits are also available that allow you to replace worn contacts and nozzles if the internal inspection shows replacement is needed. Interrupters can also be uprated (40kA to 63kA) during maintenance.

Retrofit & Upgrade Kits:
Maximize your maintenance budget by integrating major maintenance with upgrading / retrofitting the internal components to current production standards which increases system/plant reliability.

Most common retrofits and upgrades for oil and SF₆ circuit breakers:
- Interrupter upgrade/up-rate
- Operating mechanism retrofit
- Dual pressure to single puffer retrofit
- Copper tubing to stainless steel retrofit
- Replacement bushings
- Pilot valve replacements
- Upgraded desity monitor

Advantages of a spare parts life extension over equipment replacement
- Equipment knowledge is preserved.
- ABB provides the engineering support to ensure the correct parts are identified and fabricated to OEM specifications.
- Requirements are fulfilled in a significantly shorter amount of time due to the extensive inventory and full-service shop ABB manages compared to months needed to plan and execute replacement of existing installed equipment.
- 20 to 25 year spare parts life extension kits cost approximately 70% to 80% less than the cost of replacement equipment

Strategic and Critical Parts Program
Based on the specific equipment spectrum in your plant, we will make recommendations for an optimal combination of spare part packages and cost-saving stock levels.

Please ask your ABB sales representative for further information on developing a strategic parts program.

For more information please contact:

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