

SERVICE NOTE

# Reduce ACS800 drive module operating cost with ABB drive rotation services



At ABB maximizing up-time and minimizing down-time of our customer's drive assets is highly important which is why ABB recommends its preventive maintenance and reconditioning services to help control and reduce operating costs associated with drives.

The failure probability of industrial products equipped with electronic components, such as drives, increases over time. The main reason for failure is aging of components, but it is also greatly affected by operational conditions. A demanding environment, such as high ambient temperature, humidity, dirt, dust, and cyclic heavy loads can shorten component life. A component failure may cause consequential damage to other parts of the drive, including power semiconductors.

Motion Service is offering Drive Rotation Services, which combines both the replacement of preventive maintenance parts and other aged components to maximize customer up-time.

Our Drive Rotation Services approach should be considered when you have a fleet of four or more drive modules that are at least 7-years old. The service is performed at ABB's clean, static free, ISO-certified service workshop located in New Berlin, Wisconsin.

Upon arrival at our ABB workshop the drives are fully reconditioned to like-new condition, load tested and backed by our 36-month warranty.

**Drive modules that currently qualify for this program:**

- ACS800-01/U1 (R6)
- ACS800/U4/04 (R7 & R8)
- ACS800-104 (R7i & R8i)
- ACS800-104LC (R8i)
- ACS800-704 (DSU)

**The following parts are replaced during our reconditioning process**

DC bus capacitors	Power resistors
IGBT	Discharge resistors
Diode bridge (if applicable)	Filter capacitors
Main circuit interface	Charging resistors
Power supply	Current transducers
Insulators	Fan
Cables / wire harness	Bus bars if discolored or corroded

For more information, please contact your local ABB Motion Services.

**ABB**

For more information and local contacts, please visit:

[www.abb.com/drives](http://www.abb.com/drives)

**US Motion Services | ABB**

or call

**(800) 752-0696**

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