



## Remanufactured Eddy Current Brakes

The Better Alternative for Brake Repair and Rebuilds

GCI's has provided remanufactured Eddy Current Brakes to the drilling industry for over 20 years. This makes GCI the preferred and most experienced independent supplier of remanufactured brakes, brake repair and service to the drilling industry.

The brakes are remanufactured at our plant in Lafayette, Louisiana, USA. We offer brake rebuilds using new or refurbished parts depending on the condition of the brake and customer preference.

As an independent supplier we take great pride in our ability to manufacture our own replacement parts. Our rotors, magnet castings, coils and complete magnet assemblies are manufactured with the aim to meet or exceed the performance of the original parts. Our long and successful service to the drilling industry comes as a direct result of our continued focus on workmanship and our use of high quality parts.

With over 20 years experience in remanufacturing eddy current brakes we have learned that the key to a reliable quality product lies in the material selection, manufacturing process and workmanship. We take great pride in sharing this know-how with our customers. The decision regarding material selection and the use of remanufactured or repaired parts is always made in consultation with the customer.

All of our remanufactured brakes are delivered with new fasteners, bearings, seals, and seal sleeves and are surface coated externally and internally for maximum corrosion resistance.

If you are looking for an Eddy Current Brake repair or a complete rebuild GCI is simply the Better Alternative. We bring together world class technology with local service and support.



# The Better Alternative for Brake Repair and Rebuilds

## Remanufactured Brakes

- Remanufactured equal to or better than new condition
- Exclusive High Performance Coil Design
- Magnets Remanufactured to original specification
- Improved Internal Corrosion Resistance
- Quality Workmanship
- Short Delivery Time
- Competitive pricing



## New or Refurbished Magnets & Rotors

- New High Performance Magnet Castings made exclusively for GCI
- Coils manufactured using High Performance Materials and GCI specific winding processes
- New or Repaired Rotor according to customer requirements
- New Rotor manufactured to the Highest Quality Standards



## Brake Control System

- PLC Controlled
- Output Voltage matches all models of Eddy Current Brakes
- SCR Based Power Output
- Equipped with internal Surge Suppression
- Improved Short Circuit Protection
- Drill Assist/Brake Saver Feature
- Utilizes Standard Voltage Isolation Transformer
- Robust and Reliable Driller Control



## Brake Cooling System

- Certified to meet Brake Cooling Requirements
- Matched to Specific Rig Design
- Improved Corrosion Resistance
- Plate Type Heat Exchangers
- Pump and Motor Brand to Customer Specification
- Flow and Temperature Monitoring



**“GCI brings together world class technology with local assembly, service and support.”**

**GCI (Gulf Coast International) was formed in 2003, through the merger of Gulf Coast Electric and Gulf Coast Brake and Motor. Both companies have successfully served the drilling industry since 1987.**

**The company is specializing in the supply, upgrade, refurbishment and repair of Drives, Brakes and Control Systems for the drilling industry.**

**GCI can offer a unique combination of drill rig know-how and Service and Support Capability with an unmatched product offering through our exclusive alliance agreements with ABB, the world’s premium supplier of drilling drives and motors.**

**If you are looking for a New System, Upgrade, Rebuild or Repair, GCI is simply the Better Alternative.**

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