

PARTS & SERVICE

Convert your slow speed brush type synchronous motor to a brushless design. We retrofit motors of EM manufacture and other manufacturing origins. Below are stand-alone conversions for Allis Chalmers and GE. Other configurations are available to meet your requirements considering space, enclosures, and construction. We also retrofit EM diode wheels to other manufacturer's exciters.



Complete Exciter with Enclosure (located at Philips 66 in California. Attached to GE Motor)



Exciter Rotor with Diode Wheel



Diode Wheel



Complete Exciter without Enclosure



Exciter Stator



Special Tools Available

Customer Service is basic...

We provide parts and service to keep your equipment productive.



Electric Machinery Company
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Brushless Exciter Conversions



Electric Machinery requires the following information to properly retrofit your equipment with our brushless exciter:

Make of Motor(s) _____

Horsepower/KVA _____

Application _____

Power Factor _____

Field Amps _____

Field Volts _____

Field Discharge Amps _____

Field Resistance _____

Shaft Torsional _____

Diameter of Shaft where
Exciter is to be Mounted _____

Space limitations which may interfere with exciter mounting:

Drawing or sketch showing shaft dimensions: