

Nordex / Acciona AW3000

ABB Generator Ground Holder Upgrade W65002882 Kit

The Challenges

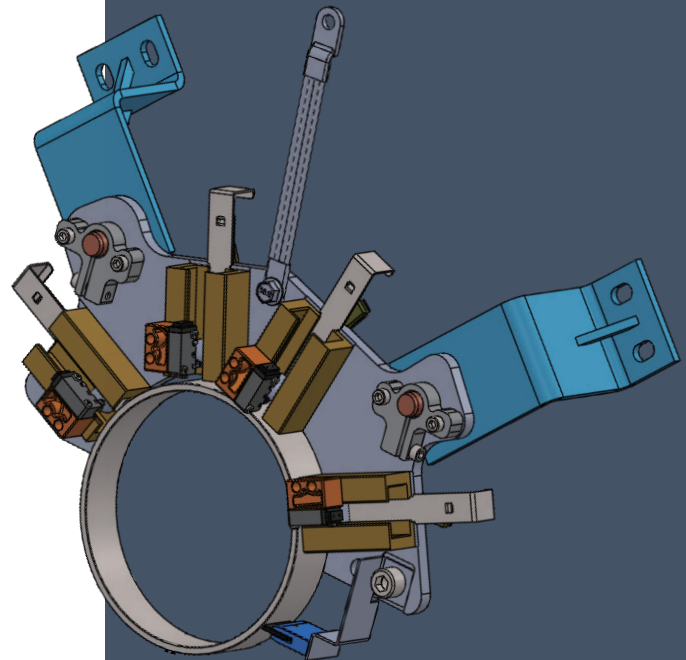
- Unstable 2-brush system
- Arcing damages the shaft sleeve (ground ring)
- Current is not effectively shunted away from bearing
- Ring and brushes need premature replacement
- Parts are inaccessible and difficult to replace
- Costly parts and downtime are results of the failures

Morgan Solution Kit Advantages

- 4-brushes spread around ring shunts current without arcing
- Stability of brush contact eliminates ring damage and reduces potential of current damage to bearing
- Downtime and parts replacement greatly reduced or eliminated
- Brush replacement is easy and no tools required!
- Grease wiper reduces contaminants improving bearing protection
- Operating costs are greatly reduced

The Science

- Morgan's 4-brush system improves contact, reduces arcing
- Spread of contact eliminates brush bounce overlap
- Intimate contact prevents shaft sleeve and bearing damage



Website

Innovative & Customized Solutions
for Wind Power Generation

Morgan Upgrade Kit W65002882

Key Performance Advantages

- **Plug and Play System** – Plugs into existing wiring harness and utilizes the existing grounding strap
- **Adjustable Clamp & Yoke** – Precise alignment to the shaft sleeve
- **Constant-Force Replaceable Springs** – Consistent pressure
- **EZ Quick-Disconnect Terminals** – Tool-free brush changes
- **Limit Switches** – Real-time indication of short brushes
- **Grease Wiper** – Keeps contact surface cleaner

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Website

Kit Contents

- 1 X W65002872 Shaft Sleeve (Ground Ring)
- 1 X W65002873P Yoke Assembly
- 4 X W61052576AZ Ground Brushes
- Springs, Limit Switches, Wiring
- Complete Mounting Hardware Set

