

AEGIS WTG[™] Wind Turbine Bearing Protection Ring Patented Technology







Caution: Do Not Crush Fibers

US Patent No. 7136271, 7193836

The shaft must be rust-free during operation. Shaft should be periodically inspected for potential rust build-up.

Installation Guide:

- 1. Remove paint and any rust from the shaft. Shaft must be clean, bare metal. Use Scotch-Brite to give final clean finish to the shaft.
- 2. Apply Ted Pella Fast Drying Silver Paint: Shake bottle well. Apply to a clean dry shaft. Apply a light coat, with the brush provided, to the area where the AEGIS microfibers are in contact with the motor shaft. Apply evenly all around the shaft. Allow paint to dry before installing AEGIS WTG.
- 3. <u>Solid Ring WTG</u> slide ring over the shaft and ensure contact of fiber all around. Secure using bolt through mounting hardware or custom brackets. Do not use locktite as it will interupt the grounding path.
- 4. <u>Split Ring WTG</u> Disassemble WTG by removing screws from the face. Reassemble WTG on shaft using locktite. Take care to prevent fiber damage during installation. Ensure contact of fiber all around. Secure to motor with bolt through mounting hardware or custom brackets. DO NOT USE locktite to secure WTG to motor because it will interupt the grounding path.

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