



Stator Wedge Installation

CEN stators use fiberglass wedges to keep all windings and wire leads clear of moving rotors during alternator operation. When replacing one or more stators and/or field coil, some wedges may need to be removed to feed wires through and replaced afterward.

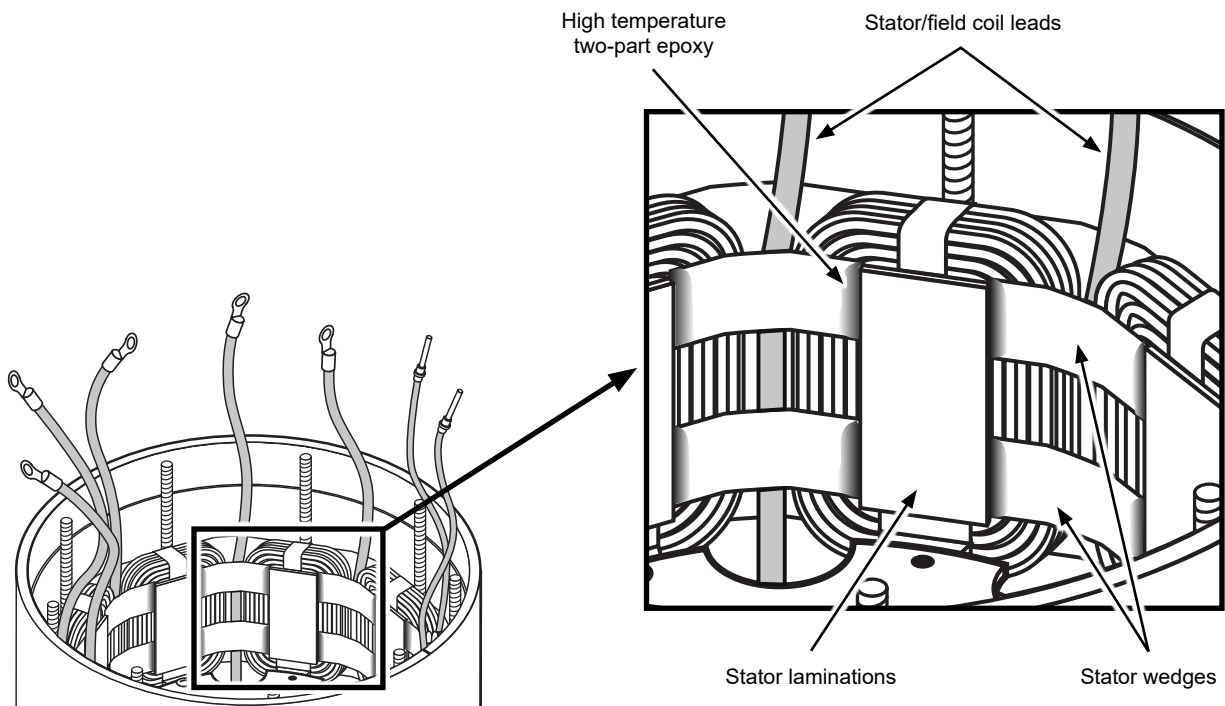
After installation, all stator wedges on both stators must be adhered to stator laminations with a high temperature, two-part epoxy to keep them from dislodging during operation.

Reference model-specific service manuals for stator and field coil installation and secure stator wedges per the following instructions:

NOTICE

New stator assemblies are shipped without epoxy on any of the wedges. Epoxy must be applied to all wedges regardless of whether they have been removed or not.

1. Install new stator(s)/field coil per instructions provided in alternator model-specific service manual.
2. After installing new stator(s) or field coil, inspect both drive end and anti-drive end stators to ensure that all stator wedges are present and fully seated. To install new or removed wedges, place wedge in between stator laminations and press in the middle of wedge until it snaps in place. Fiberglass wedge should not protrude beyond stator laminations. See Figure 1 inset.
3. Apply a thin layer of high temperature, two-part epoxy to stator wedges where they meet stator laminations to secure them in place. Wipe off any epoxy that protrudes from stator laminations before it cures so it doesn't contact alternator rotors during operation.



**Figure 1: Example CEN Alternator Stator/
Field Coil Tube Assembly**

If you have questions about your alternator or any of these instructions, or if you need to locate a Factory authorized Service Distributor, please contact us at:
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