



## **CORE RETURN GUIDELINES**

Dear valued customer,

We have put together this information to assist you in correctly evaluating and identifying the cores that you will be returning to us. Most of you are experts in your field and have been identifying cores and determining their worth for many years. For all manufacturing purposes the core needs to be in excellent condition to ensure that the remanufactured unit developed from it functions perfectly and without fail. You can't expect to purchase a quality alternator or stator if it is built from a bad core.

We have outlined some guidelines for you to utilize so that you can ensure that you are identifying and only returning cores that you will receive full credit for. We want to avoid you incurring shipping expenses for something that you will receive no value for.

## **ALTERNATOR CORES:**

- We will not accept any "Junk Yard" cores that have been stored outside and exposed to the elements causing the alternator to rust and corrode.
- The rotor must turn freely inside the alternator.
- The threads on the rotor shaft must be intact and cannot be damaged.
- The unit cannot show any significant signs of damage as a result of being dropped.

## **50DN STATOR CORES:**

We use only new cases in the production of our stators so it does not matter if the case is damaged. We do however require that the lamination stack be in perfect reusable condition.

- Check to ensure that all stacks are even and not misaligned due to over use or rubbing from the rotor. Every stack must be perfectly aligned.
- Ensure there are no signs of the rotor rubbing against the lamination and cutting a groove.
- Ensure there are no signs of burnt wire having caused the lamination to burn. The wire can be burnt so long as it has not damaged the lamination.
- Ensure that the grooves that the wires are in are even and do not have areas where the gaps are larger or that the lams are chipped or pieces broken off.

Should we receive a core that our technicians deem as unacceptable for remanufacturing, we will contact you to see what you would like done with the core. We can either scrap it or return it to you at your expense.

Note: All cores are returned to Elreg at the customer's expense.

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