

The rectifier is used to convert AC voltage into DC voltage for the activation of the electromagnetic brake.

### Inspection procedure

- A visual inspection can be made to help determine if a rectifier may have blown. Look to see if the rectifier is black and has signs of damage.
- Use a multi-meter to check for proper AC voltage supply to the rectifier when the UP/DN controls are depressed.
- Use a multi-meter to check for proper DC voltage supply out of the rectifier when the UP/DN controls are depressed.
- Inspect all wire connections and contacts that are in the circuit prior to the rectifier.

*Corrective actions:* If the rectifier fails any of the above inspections, with the exception of loose wires and open circuits, replace it.

For questions or comments, contact Customer Service at 1-800-560-CLIMB (2546) or [customerservice@safeworks.com](mailto:customerservice@safeworks.com).