

The electromagnetic brake holds the hoist in position while suspended under load. It is activated when the UP/DN controls are depressed and voltage is supplied to the rectifier.

Inspection Procedure

- Use a multi-meter and measure if the brake is getting the proper DC voltage when the UP/DN controls are depressed.
- Use a multi-meter and measure the ohms of the brake winding. Use the manufacture's specifications for tolerance.
- Check for proper adjustments of the air gaps on the brake.
- Check for a worn friction disc.
- Check for heavy corrosion around the friction surfaces of the brake.
- Inspect all wire connections and contacts that are in the circuit prior to the brake. Any open circuit will allow for improper operation.

Corrective actions: Replace worn parts as required. Make necessary adjustments, but if the brake coil is an open circuit, replace it.

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