



Product Support Bulletin 2019-002

245 W. Forest Hill Avenue
Oak Creek, WI 53154

Contact: Technical Support Phone: 800-445-9258 or Email: TechSupport@Nordco.com

Maintenance of Way ~ Work Equipment Bulletin

DATE: December 19, 2019

SUBJECT: Electrical Repairs of CGS Brake Circuit

RATING: **DIRECTIVE**
(Action is required) **ALERT**
(Potential Problem)

INFORMATION
(Action is optional) **PRODUCT IMPROVEMENT**
(Enhance Product)

MACHINE MODEL(S): CGS Spiking Machine

SERIAL NUMBER(S): ALL – NORDCO S/N'S STARTING WITH S/N 480xxx

SUMMARY: Repair the Brake circuit to remove the PLC (Programmable Logic Controller) and the RPC (Remote Power Controller) from controlling the Brakes Off Relay to prevent potential release of brakes.

OPERATIONAL IMPACT: The Deadman Brake relay (CR12) is wired in a normally closed state, meaning a power signal is required to activate CR12 and apply the brakes. The power is sourced from the PLC output #14 via the RPC #14. If either the PLC or the RPC loses power with the engine running and the hydraulic main pump engaged, Relay CR12 would de-energize and the brakes would release.
NOTE: THE BRAKES WILL APPLY IF THE BRAKE PEDAL IS DEPRESSED, THE PUMP IS TURNED OFF OR THE ENGINE IS SHUTDOWN.

ACTION: The brake circuit repairs will be performed by Nordco personnel. Contact the Nordco Service Department at 1-800-445-9258 to arrange for Nordco Service Personnel to come out and perform the repairs. At that time, please have the machine serial number, location and contact information available to begin the process of setting up a no charge service call.

The Interim Action should be to continue the practice of turning off the main pump at the toggle switch along with pushing in the yellow Interlock button anytime you are getting off the machine.

WARRANTY: Only Nordco Service Personnel will perform the repairs. Once again, contact the Nordco Service Department at 1-800-445-9258 to set up a no charge service call.