



Product Support Bulletin 2003-011

NORDCO Inc. 182 W. Oklahoma Avenue, Milwaukee, WI 53207

Contact: Gary D. Van Deluyster, Service Manager – Phone: 800-445-9258 – Fax: 414-769-2140

Maintenance of Way ~ Work Equipment Bulletin

DATE: October 28, 2003

SUBJECT: Propelling Valve Improvement Kit - 98330024

RATING: **DIRECTIVE**
(Action is required)

ALERT
(Potential Problem)

INFORMATION
(Action is optional)

PRODUCT IMPROVEMENT
(Enhance Product)

MACHINE MODEL(S): Grabber LS-1.5 Spike Puller
Grabber LS-2 Spike Puller
Grabber LS-3 Spike Puller

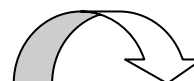
SERIAL NUMBER(S): Grabber LS-1.5 Spike Puller: 330601
Grabber LS-2 Spike Puller: 330602-330647
Grabber LS-3 Spike Puller: 331001

SUMMARY: There have been several instances of cracks at the pressure port of the Propulsion Valve (p/n 83404831) used on these machines. These cracks can result from hydraulic pressure spikes higher than 2500 PSI. There have also been reports of failures of the 40 GPM Propulsion Flow Control (p/n 1603768) due to system pressure fluctuations. This kit replaces the original Propulsion Valve with a **4000 PSI pressure rating Propulsion Valve (p/n 83404837)** and the 40 GPM Propulsion Flow Control with a more reliable **Flow Control Valve (p/n 1603775)**.

OPERATIONAL IMPACT: Prevent cracking of the propel valve pressure port and damage caused by the flow control disintegration.

ACTION: Replacement of the Propel Valve and Flow Control requires removal of the valves and Propel Valve Mounting Bracket. New brackets are then welded to the frame. The kit includes valves, brackets, hoses, fittings and instructions. Time to install is about 4 hours.

WARRANTY: Propel valves on all machines produced in 2003 (s/n 330628-330647 and 331001) will be replaced with this kit under warranty. Contact the NORDCO Service Department at 1-800-445-9258 for additional information.



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4000 PSI Propel Valve
Note angled actuator rod.

Angled actuator rod

Improved Propel Flow Control Valve

