



Product Support Bulletin 2003-003

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

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Maintenance of Way ~ Work Equipment Bulletin

DATE: January 29, 2003

SUBJECT: Open-Transition Brake Valve Kits – P/N 98410142 & 98410143

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

ALERT
(Potential Problem)

INFORMATION
(Action is optional)

PRODUCT IMPROVEMENT
(Enhance Product)

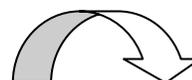
MACHINE MODEL(S): Anchor Applicator Model E
Anchor Remover
Hydra-Hammer Model B & B-2 Spike Driver
Model 44 Spike Driver
Model C & 99C Spike Driver
Grabber LS 1.5, Grabber LS 2.0 Spike Puller
Super Claws LS 1.0 Spike Puller
M3 Multi-Modular Machine

SERIAL NUMBER(S): Anchor Applicator Model E: All
Anchor Remover: All
Hydra-Hammer Model B & B-2 Spike Driver: 1009-1071
Model 44 Spike Driver: All
Model C & 99C Spike Driver: 410001-410346
Grabber LS 1.5, Grabber LS 2.0 Spike Puller: 330601-330624
Super Claws LS 1.0 Spike Puller: All
M3 Multi-Modular Machine: All

OPERATIONAL IMPACT: Brakes will apply if the Brake Valve spool does not return to the full-applied position.

ACTION: An open-transition spool replacement Brake Valve is available for the listed machines. This valve is a direct replacement for the 12-volt Brake Valve, p/n 1699110, and the 24-volt Brake Valve, p/n 1699084.

WARRANTY: None



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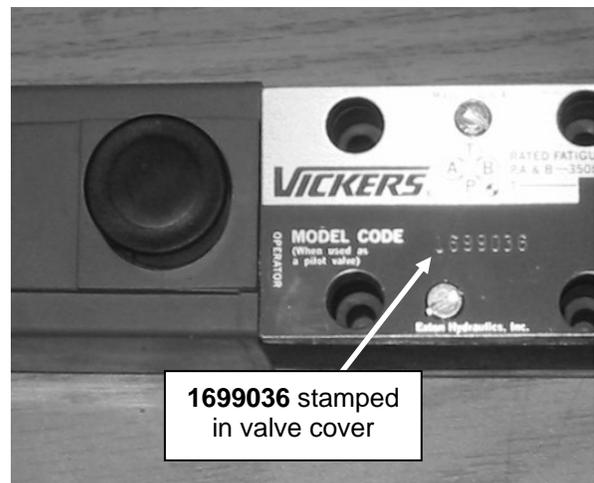
ADDITIONAL INFORMATION:

Brake Valve Kits are available both 12-volt and 24-volt versions. The **12-volt Brake Valve Kit, p/n 98410142** and includes a **12-volt Open Transition Brake Valve, p/n 1699036**, and 4 capscrews. The **24-volt Brake Valve Kit, p/n 98410143**, includes a **24-volt Open Transition Brake Valve, p/n 1699037** and 4 capscrews. The 24-volt kit and valve is only used on Model 99C Spikers s/n 410200 and above. All other listed machines use the 12-volt kit and valve.

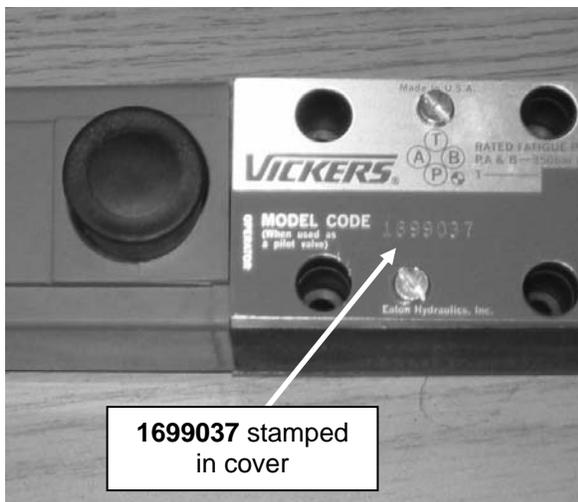
These open-transition spool valves are supplied with an orifice installed in the "P" port of the valve. This orifice **MUST** be used with the open-transition spool valves. **CAUTION** - Failure to use the orifice could result in erratic valve operation.

The open-transition valves will have 1699036 or 1699037 part numbers on the valve cover. All machines with electric Brake Valves produced in 2003 and beyond will have the open-transition spool valves installed at the factory.

12-volt Brake Valve
1699036



1699036 stamped
in valve cover



1699037 stamped
in cover

24-volt Brake Valve
1699037