



Belvac Production Machinery Technical Bulletin

Information for Customers Operating & Maintaining Belvac Machines

ISSUE 11, VOLUME 9, DECEMBER 2006

595 Necker Brake System SOLENOID VALVE UPGRADE

The 595 Necker brake system solenoid valve upgrade offers override functionality with safety tattle-tail contacts for valve position feedback. (See Figure 1.)

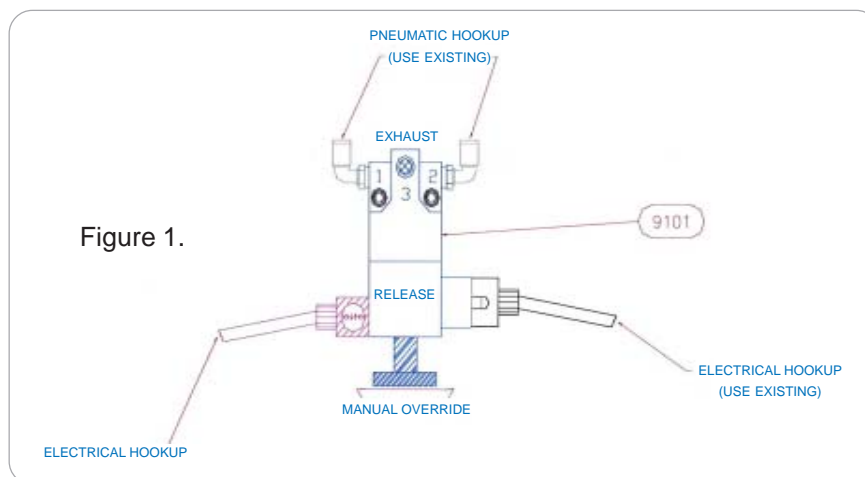
In addition to the Electrical Brake System Upgrade, as outlined in Technical Bulletin Issue 10, volume 9, dated December 2006, this solenoid valve upgrade will simplify deactivation of all machine brake solenoids while the machine is in Safe mode.

The safety tattle-tail contacts will provide:

- ◆ Safety integration -- assurance that the machine will not operate with any valve left in the override state (customer connection required after field upgrade installation)
- ◆ PLC monitored contacts on the solenoid look at the "on state" of the valve. In the event of electrical connectivity loss, a system fault should occur. By placing the machine in "Safe," the fault condition will be ignored and the valve can be overridden for brake bypass.

The major advantage of integrating this new valve is realized through simplified operation during maintenance handwheel.

Use part no. 2753789 to order this solenoid valve upgrade for your machine. Order 1 kit per brake.



Contact Belvac Sales or Service Representatives for additional information.