

Belvac Production Machinery Technical Bulletin

Information for Customers Operating and Maintaining Belvac Machines

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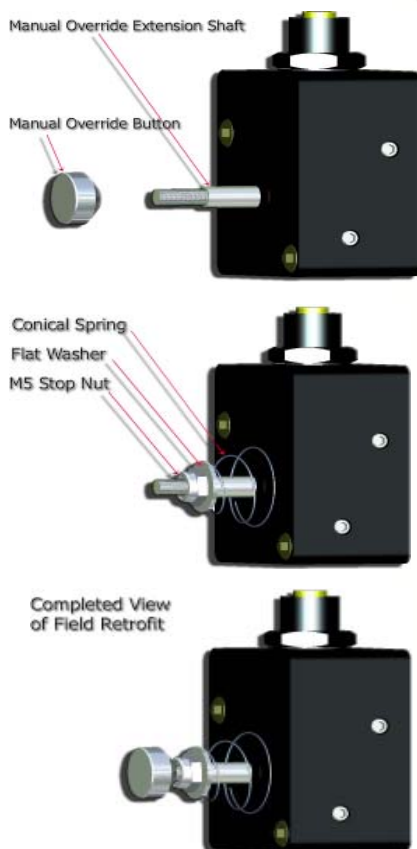
NECKER BRAKE VALVE FIELD KIT

This technical bulletin introduces a field upgrade kit for the 595K/SK, BCMS, and 810K Necker brake valves that are fitted with manual override option. If your equipment has Belvac part# C28864 installed as a brake valve, and you have not received a field upgrade kit, contact your Belvac service representative and request part # 2755012. Belvac is shipping these at no charge.

This field kit is being supplied by our vendor, to prevent nuisance tripping of the safety circuit. Due to a design deficiency in the valve's manual override, the weight of the hardware overcomes the micro-switch spring tension thus causing the contact to open prematurely, interrupting the safety circuit and stopping the machine. This happens when the valve is energized.

The steps outlined below describe how to install this field upgrade kit.

Installation Procedure



1.) Grasp manual override extension shaft with locking needle nose plier below shaft threads. Grasp manual override button with second set of pliers and gently rotate override button counterclockwise to remove. The button is installed with vibraloc and thread lock, so application of heat may be necessary.

2.) Install conical spring (from upgrade Kit) over extension shaft with larger diameter end of spring located against black cover and small diameter of spring located at thread end of extension shaft. Install flat washer on top of conical spring. Next install M5 stop nut on top of flat washer. Tighten M5 stop nut until it comes to rest against shoulder on manual override extension shaft. Install manual override button on extension shaft and tighten.

3.) Depress manual override button and rotate $\frac{1}{4}$ turn to engage manual override locking function. If flat washer comes into contact with black cover and does not allow manual override to lock, remove manual override button, loosen M5 stop nut two turns, reinstall manual override button and re-test.

Contact Belvac Sales or Service Representatives for additional information.