

Suction Regulators

Method for Diagnosing/Repairing the Intermittent Function on Boehringer Models: 3704, 3804, 7804, 3714, 3814

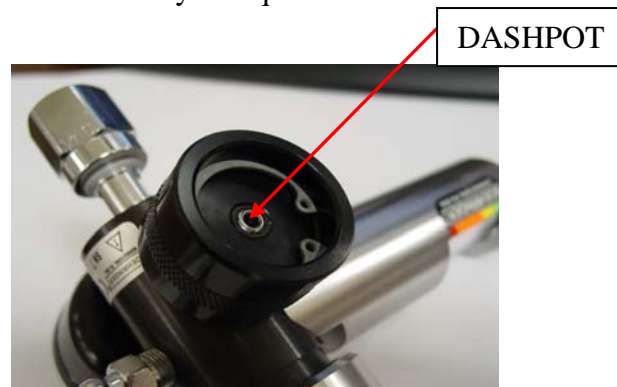
Boehringer Suction controls have been designed to require minimal maintenance throughout the lifetime of the units. However due to the nature of intermitting modules, fluid intrusion* can cause scenarios in which an intermitting module will cease to function. In the event that a Boehringer regulator fails to intermit, the following procedure may restore functionality. **Note: Please refer to the user manual for further instructions on trouble shooting and proper operation.**

EVALUATION

- Remove the dashpot cover



- Depress the dashpot. The dashpot should freely move back to its original position. In the event that the dashpot is seized or sluggish in movement, cleaning of the entire control valve assembly is required.



- If the dashpot moves freely then the intermitter should function, please refer to the user manual for further troubleshooting.

*Fluid intrusion is the leading cause of regulator malfunction. Always wear proper Personal Protective Equipment and follow your facility's protocol for handling contaminated instruments.

DISASSEMBLY AND CLEANING

- Hold the selector knob and rotate the dashpot housing counter-clockwise.



- When the components are completely unscrewed, slide the parts out of the regulator body. Ensure that the plastic detent and the detent spring are safely set aside.
Note: In the event that the dashpot is seized, removing the parts may require appropriate force.
- Clean and lubricate the parts as required.

Wash/Clean/Dry – DO NOT LUBRICATE



Lubricate as needed – must have a thin film of heavy grease (BL P/N 33214 or Dow 111)

REASSEMBLY

- Insert the dashpot assembly into the control valve.
Note: Ensure that the detent and spring are properly inserted into the regulator body. Ensure the words "INTERMIT" face towards the control knob.



- Hold the selector knob and rotate the dashpot clockwise until tight.



TEST

Ensure the Unit properly intermits when tested according to the procedure found in the Instructions for Use for the particular model. These instructions for use may be found on the Web at www.boehringerlabs.com or may be requested by contacting the factory at 1-800-642-4945.