

MAINTENANCE AND SERVICING

1. HEAD CONVERING:

Most machines are supplied fitted with a single aluminum grid plate. The alternative is a double fabric-safe grid plate, which gives a finer steam spray, preventing "shine" to a certain extent and safer for more delicate fabrics. These should be washed regularly using a mild soap and water solution on a soft cotton rag. Replace as necessary.

2. BUCK PADDING

Depending on the particular model buck, the padding may be a soft and resilient "Bishopad" or a firmer Pad. The buck padding be cleaned and inspected weekly. Hard, burned, powdery, worn or uneven padding should be replaced. After padding had been replaced it is necessary to reduce the pressure to be able to lock the head.

3. HEAD VALVE:

After considerable use, the head valve may not shut off completely, allowing the steam to escape. A low, gurgling sound in the head, when the press is being used, is usually the first indication.

CAUTION: TURN OFF STEAM AND ALLOW PRESS TO COOL BEFORE SERVICING HEAD VALVE.

First check the spring in the valve handle. Replace if weak or broken before disassembling the valve. To replace the valve seat, disconnect the clamp bolt on the handle support disc holder from within the valve. Replace disc or disc holder and reassemble in inverse order. Check each part for smooth operation as assembling. **DO NOT REMOVE VALVE BODY.**

Steam flow, can be adjusted by the small screw within the spring holder in the valve handle. Turn clockwise for less steam flow and counter-clockwise for more steam flow. Before adjusting steam flow, carefully adjust the spring holder to provide proper tension for closing.

4. BUCK VALVE:

After considerable use, the buck valve may not shut off completely, allowing steam to escape. A low, gurgling sound in the buck, when the press is not being used is usually the first indication. First check the buck steam linkage and closing spring. Check for loose connections or weak spring. Replace if weak or broken. Disconnect the actuating rod and remove from bottom of valve. Unscrew the locknut and remove stem guide. The stem and disc holder shoulder come out very easily. Replace worn disc or disc holder and reassemble in inverse order of disassemble. Check each part for smooth operation when assembling. Reassemble actuating rod and adjust to hold valve closed with steam pressure on. Steam flow can be adjusted by turning stem guide nut, closed for less steam and open for more steam. Tighten locknut. **DO NOT REMOVE VALVE BODY.**

5. VACUUM:

A strong, even vacuum is essential for proper pressing results. Spreading a sheet of newspaper over the padded buck, and stepping on the vacuum pedal can make a simple test of the effectiveness of the vacuum. The paper will resist a strong pull with the proper vacuum. If the paper pulls away easily, first check the bucks padding. Hard, compressed padding restricts airflow and should be replaced. Powdery padding could be sucked into the buck, vacuum valve and piping, causing problems and blockage. And should also be replaced.

6. AIR VACUUM VALVE:

This is a normally closed valve, which should close with a snap when the foot pedal is released. A constant vacuum, or a noticeable reduction in the buck steam is an indication that the vacuum valve is not closing. Due to the type of valve, if the spring is broken or weak and is replaced, it's advised to replace the gasket at the same time.

7. STEAM VACUUM VALVE:

This valve is divided into 3 sections. The first or front section is similar to the air valve. The second section is the steam valve. A constant steam leakage into the vacuum exhaust indicates a worn or broken spring or a defective seat. Remove the large hex nut on the side of the valve. The spring, disc holder and stem assembly can be easily removed. Replace a worn or defective seat or spring. It is advisable to replace both at the same time. Reassemble in inverse order of disassembly and check for smooth operation. The third section, the venturi, may become clogged with lint or powdered buck padding. A loss of vacuum on the pressing surface is the first indication. Unscrew the venturi nipple from the body and clean. This requires a socket wrench to get into the body. Remove and check the position within the valve body. Replace if worn. Reassemble in the inverse order of disassembly.

8. SHOCK ABSORBER:

The shock absorber is used to cushion the opening of the head, preventing jarring and rebound. It should be checked weekly for proper oil level. Loosen pipe plug and check oil supply. If low refill with S.A.E. 10 oil. Replace pipe plug before operating press. Adjusting the screw on the back can control the cushioning. Turn clockwise for more cushion, counter-clockwise for less.

Caution: Use only non-detergent oil. Other oils will foam and affect the shock operation.

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