

INSTRUCTION MANUAL

PIPE REED MANIPULATION



THE SHEPHERD WAY

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THE SHEPHERD PIPE REED

A unique reed produced and finished by a combination of dedicated craftsmen and advanced machinery techniques.

Providing

Greater efficiency

Easy adjustment for weaker blowers

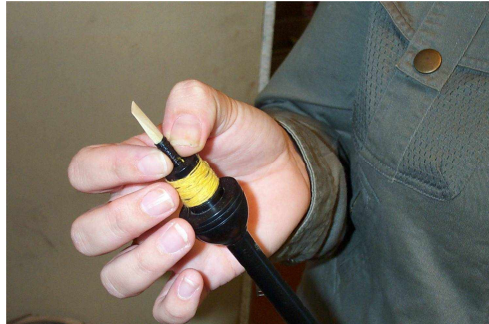
Easy adjustment to raise pitch

THE SHEPHERD WAY.

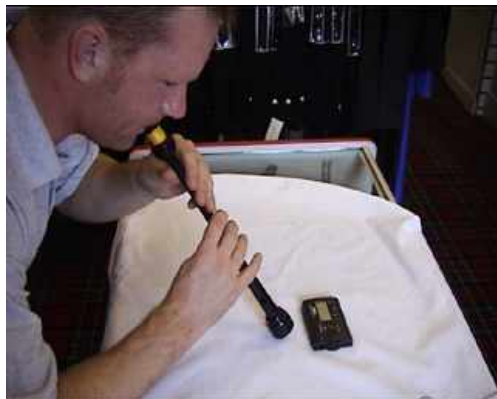
All Shepherd reeds and instruments are designed to deliver a pitch combination of 472Hz-475Hz and above depending on climatic conditions. If using the Korg CA-30 tuner as recommended in our accessory catalogue code A20, it is commonly accepted that 440 Hz = 466Hz on the bagpipe scale. Therefore a useful calibration for the Korg CA-30 TUNER is:

440 = 466	445 = 471
441 = 467	446 = 472
442 = 468	447 = 473
443 = 469	448 = 474
444 = 470	449 = 475

SHEPHERD REED/CHANTER COMBINATION

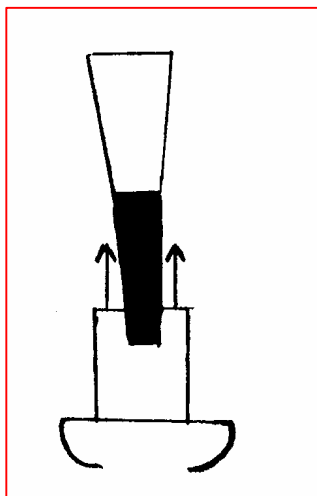


Insert the chanter reed gently but firmly into the reed seat of the chanter. Always grasp the reed between thumb and forefinger by the staple area



Mouthbow continuously on low A, C, E, high A, E, F, highG, and high A, attempt a reading of 476hz on the tuner.

BLOWABLE REED WITH GOOD STRENGTH

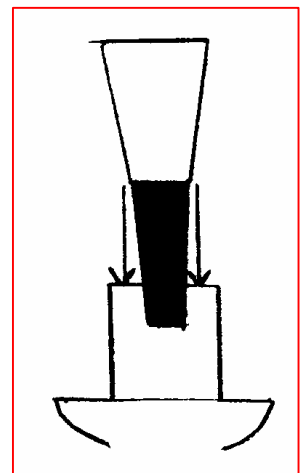


**SYMPTOM
SHARP**

**RAISE IN
CHANTER**

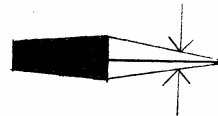
SYMPTOM FLAT

**LOWER IN
CHANTER**

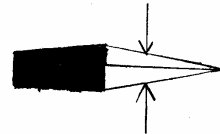
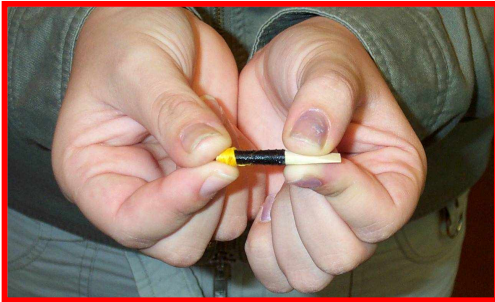


TO MAKE REED WEAKER AND RAISE PITCH

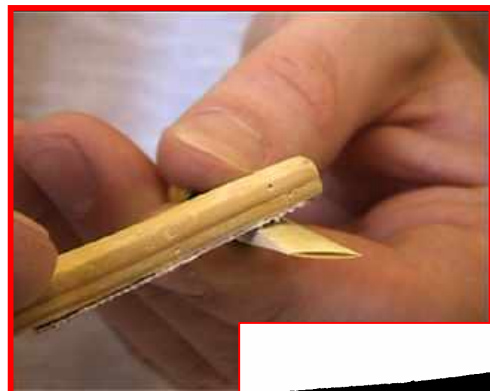
A: SQUEEZE THE TOP 1/3 OF THE REED



B: IF REED IS SLOW TO RESPOND AND IN PARTICULAR IF "F" IS FLAT, SQUEEZE MORE SEVERELY MIDWAY ABOVE THE TYING ON THE STAPLE AND THE BLADE TIP.



C: FINALLY AND ONLY IF THE REED IS BEING STUBBORN AND NOT RESPONDING TO INSTRUCTIONS A AND B, REMOVE CANE FROM THE SHADED AREAS ON BOTH BLADES USING A SANDING STICK AS SHOWN.



NOTE: SANDING STICK SHOULD BE APPROXIMATELY 6MM WIDE AND 120 GRIT SAND PAPER.