

Adjustments	Pitch	Tone	Volume	Strength	Striking-in Difficulty
Pull Reed Out of Seat	Lower	Smoother	Quieter		
Push Reed In to Reed Seat	Higher	More Robust	Louder		
Pull Tuning Plug Out	Lower	Smoother	Quieter		
Push Tuning Plug In	Higher	More Robust	Louder		
Move Bridle Towards Plug	Higher	Smoother	Quieter	Weaker	Increases
Move Bridle Towards Reed Seat	Lower	More Robust	Louder	Stronger	Decreases

## Crozier Drone Reeds

Crozier Drone Reeds are manufactured from the highest quality materials, are precision machined for accuracy and tested in bagpipes prior to distribution. Crozier Bagpipes have developed a reed with a unique design which is very stable and produces an excellent cane like tonal quality. Crozier Drone Reeds are very easy to set up using the airtight tuning plug and bridle for tonal alterations and have been designed for pipers ranging from beginners to the most advanced pipers.

## Setting Up the Reeds

Introduce the Crozier Drone Reeds one at a time to allow comparison of their pitch and tone to the reeds currently being played.

When inserting Crozier Drone Reeds into the drones, add or remove some black waxed hemp for a secure fit.

The above chart lists all the adjustments and their effects to ensure a desired set up.

It is recommended that minor adjustments be made as they all have a significant effect on tone. Depending on the bag system

and/or make of drones being used, there may be some alterations needed to remedy striking-in difficulties in the bass drone.

It is usually caused by having the bottom drone slide tuning too high and the top drone slide tuning too low, but striking-in difficulties can also be caused by having the reed set up either too strong or too weak and can be remedied by installing an air flow control device i.e. McCallum Drone Valves, they will adjust the air flow to the reed and eliminate striking-in difficulties.