



KINNAIRD  
BAGPIPES  
& REEDS

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### Drone Reed Troubleshooting Guide

<u>Problem</u>	<u>Possible Cause</u>	<u>Possible Solution</u>
Reed Squeals	<ol style="list-style-type: none"> <li>1. Bridle is too tight.</li> <li>2. Tongue is too heavy.</li> <li>3. Reed is curved up too far.</li> <li>4. Reed curves away from the reed body suddenly and not evenly.</li> </ol>	<ol style="list-style-type: none"> <li>1. Re-tie bridle looser.</li> <li>2. Shave reed tongue.</li> <li>3. Move bridle back, slide paper under curved section and push end of tongue to straighten.</li> </ol>
Reed Double Tones	Tongue too open or curved.	Move bridle up or straighten with paper. Make bridle wider.
Reed Rough and Unstable.	Reed sprung too far open. Bridle tied too loosely.	Move bridle back and spring tongue. Retie bridle tighter.
Reed too weak.	Reed closed up.	Move bridle back and spring tongue.

### Chanter Reed Troubleshooting Guide

<u>Problem</u>	<u>Possible Cause</u>	<u>Possible Solution</u>
Double Tone on F	Mouth size too large or small. Blades too long.	Pinch open or closed with mandrel. Shorten reed with knife.
Flat F	Mouth too large. Reed too long.	Pinch closed. Shorten with knife.
Sharp F	Too much cane on tongues. Mouth too small.	Shave blades. Open with mandrel.
High G sharp, top hand thin		Scrape upper centre of blades
High A Flat		Sand top 1/4" of lips lightly.
High A Sharp		Sand tip of reed.
Top Hand Sharp		Scrape top 1/5 of blades.
Bottom Hand Flat		Scrape above binding on tone box.
Reed too Hard.	Mouth too open. Too much cane on tongues.	Pinched closed or squeeze staple. Scrape sides of blades.