



| Fault  | Area                    | Tool                     | Remarks  |
|--|-------------------------|--------------------------|--|
| Too soft .....                                       | Tip .....               | Trimmer .....            | Clip small amount. Test after each clip.   |
| Buzzy or edgy .....                                  | Tip .....               | Trimmer .....            | Same as above.   |
| Lack of resonance .....                              | 1 & 2 .....             | Dutch Rush .....         | Balance  |
| Dull sound when playing soft .....                   | 1 & 2 .....             | Dutch Rush .....         | Balance; take more off both sides if still to hard.  |
| Blows hard .....                                     | 2 .....                 | Dutch Rush .....         | Thin both sides and balance.   |
| Lower register lacks resonance .....                 | 2 .....                 | Dutch Rush .....         | Balance and thin if necessary.   |
| Tip too thick after clipping .....                   | under side of tip ..... | Sandpaper .....          | Lay sandpaper on glass and stroke lightly with grain on the flat table side of reed to about 3/8 inch back from tip. |
| Reed whistles .....                                  | 2 .....                 | Dutch Rush .....         | Balance.   |
| High tones hard to attack softly.....                | 2 & 1 .....             | Dutch Rush .....         | Thin gradually with light strokes.   |
| Thin high register .....                             | 3 .....                 | Dutch Rush .....         | Test after each few strokes.   |
| Lacks projection in upper register .....             | 3 .....                 | Dutch Rush .....         | Move 3 back from the tip. ( This may shorten the life of the reed )  |
| Lack of resonance in middle register .....           | 4 .....                 | Dutch Rush .....         | Lightly on 3 also.   |
| Heavy low register .....                             | 6 .....                 | Scraping knife .....     | Finish with dutch rush.  |
| General lack of resonance .....                      | 7 & 8 .....             | Sandpaper on glass ..... | Sand rails of reed if reed is too wide for the mouthpiece.   |
| After balancing reed plays well but blows hard ..... | 6-5-4-3 .....           | Scraper .....            | Thin evenly all indicated areas.   |
| Table not flat .....                                 | Table .....             | Razor blade .....        | Stroke lightly toward tip.   |
| Table not smooth.....                                | Table.....              | Sandpaper on glass ..... | Rub lightly back and forth, always in the direction of the grain.  |