Universal Tuning Process

1. All
   - Sing a Bb
   - Play a Bb
   - Adjust your instruments and check again

2. Woodwinds
   - Sing an A
   - Play an A
   - Adjust your instruments and check again

3. Clarinets
   - Sing an open G
   - Plan an open G
   - Adjust your barrel and check again
   - Sing an E
   - Play a low E
   - Adjust your bell and check again
   - Add your register key
   - Adjust your embouchure to sound an octave and a 5th above the E

4. Tubas
   - Play a low Bb
   - Adjust your instruments and check again
   - Keep playing

5. Low Woodwinds
   - Play a low Bb Concert
   - Adjust your instruments and check again
   - Keep playing

6. Euphoniums and Tenor Saxes
   - Play a middle Bb Concert
   - Adjust your instruments and check again
   - Keep playing

7. Trombones
   - Play an F (a 5th above the low Bb)
   - Adjust your instrument and check again
   - Keep playing

8. Horns
   - Play a low C
   - Adjust the F side of your instrument and check again
   - Play low C with trigger
   - Adjust the Bb side of your instrument and check again
   - Keep playing

9. Trumpets
   - Play a G
   - Adjust your instrument and check again
   - Slowly play your G-A-B-C
   - Adjust your instrument and check again
   - Keep Playing

10. Clarinets, Oboes and Altos
    - Play a concert F
    - Adjust your instruments and check again
    - Slowly play concert F-G-A-Bb
    - Adjust your instruments and check again
    - Keep playing

11. Flutes and Piccolo
    - Play an F
    - Adjust your instrument and check again
    - Slowly play an F-G-A-Bb
    - Keep playing

12. All
    - Play your full band tuning chord (next page)
    - Shift down ½ step to Concert A triad…. Adjust embouchure to tune
    - Shift back up to Bb
    - Shift up ½ step to Concert B triad... Adjust embouchure to tune
    - Shift back down to Bb
Full Band Bb Tuning Triad

- Tubas, low Bb
- Bass Clarinet, low C
- Bari, middle G
- Bassoon, low Bb & middle Bb
- Euphonium, low Bb
- Tenor, low C
- Bone 3, low Bb
- Bone 2, F
- Bone 1, high D
- Horn 1 & 3, middle C
- Horn 2 & 4, low C
- Trumpet 3, low C
- Trumpet 2, middle G
- Trumpet 1, middle C
- Alto 2, low G
- Alto 1, middle B
- Clarinet 3, middle C
- Clarinet 2, 4th space (high) E
- Clarinet 1, high G
- Oboe 2, middle Bb
- Oboe 1, middle D
- Flute 3, middle Bb
- Flute 2, high F
- Flute 1, high Bb
- Piccolo, high Bb