

# Band and Orchestra Repair Price List & Guide

**JANUARY 2023**

## Bench Rate

Services or repairs which do not have a fixed rate will be billed at the bench rate of $90 per hour, with a minimum charge of $30.

## Fixed Rates

Most common services and repairs have a fixed rate listed in the sections below.

Some repairs or services can present unexpected complications and may require additional labour charges beyond the fixed rate, in these cases you will be contacted with a revised estimate.

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**IInstrument Repair Rates**

 **Repair Rates**

## Flute & Piccolo

* We will provide estimates only if the repair will exceed $150.
* All prices listed below include parts.

|  |  |  |
| --- | --- | --- |
|  | DESCRIPTION OF REPAIR | TOTAL ESTIMATE |
| # 1Play Condition | * Clean and seat necessary pads
* Precision key adjustment
* Tuning cork checked and adjusted
* Oil and play test.
 | Flute Open HolePiccolo | **$90** **$104**  **$104** |
| # 2Minor Alignment | * Minimal cleaning
* Replace necessary pads (up to three)
* Replace necessary key corks
* Clean and seat all pads
* Precision key adjustment
* Tuning cork checked and adjusted
* Oil and play test.
 | Flute Open HolePiccolo | **$145****$160****$160** |
| # 3Major Alignment | * Major cleaning
* Hand polish body and keys
* Replace necessary pads (four to eight),
* Replace necessary key corks
* Minor joint refitting
* Clean and seat all pads
* Precision adjust, oil, and regulate keys
* Tuning cork adjusted or replaced
* Play test.
 | Flute Open HolePiccolo | **$250****$280****$280** |
| # 4Overhaul (student level) | * ***Ultrasonic*** or chemical cleaning
* Silver dip and hand polish body and keys
* Replace all pads
* Replace all key corks
* Springs replacement where necessary
* Dents removed
* Joints refitted
* Clean and seat all pads
* Precision adjust, oil, and regulate keys
* Tuning cork replaced
* Play test.
 | Flute Piccolo  | **Est.****Est.** |
| Add $25 for instruments with B foot.Professional instruments by estimate only. |
|  | DESCRIPTION OF REPAIR | TOTAL ESTIMATE |
| # 1 | * Clean and seat necessary pads
 | Bb Clarinet | **$90** |
| Play Condition | * Adjust and regulate keywork
 | Alto Clarinet | **$214** |
|  | * Oil and play test.
 | Bass Clarinet | **$214** |
|  |  | Oboe | **$214** |
|  |  | Bassoon | **$250** |
| # 2 | * Minimal cleaning
 | Bb ClarinetAlto Clarinet Bass ClarinetOboe Bassoon | **$128****$340****$340****$340****$400** |
| Minor Alignment | * Replace necessary pads (up to 4)
 |
|  | * Replace necessary key corks
 |
|  | * Clean and seat necessary pads
 |
|  | * Replace one tenon cork
 |
|  | * Adjust and regulate keywork
 |
|  | * Oil and play test.
 |
| # 3 | * Major cleaning
 | Bb Clarinet | **$225** |
| Major Alignment | * Replace necessary pads (5 to 8)
 |  |  |
|  | * Replace necessary key and tenon corks
 | Alto Clarinet | **$560** |
|  | * Check and tighten loose posts
 |  |  |
|  | * Straighten twisted keys and rods
 | Bass Clarinet | **$560** |
|  | * Clean and seat all pads
* Precision adjust, oil and regulate keys
 | Oboe | **$560** |
|  | * Play test.
 | Bassoon | **$841** |
| # 4 | * ***Ultrasonic*** or chemical cleaning
 | Bb Clarinet | **Est.** |
| Overhaul (Student Level) | * Silver dip and hand polish keys
 |  |  |
|  | * Replace all pads
 | Alto Clarinet | **Est.** |
|  | * Replace all key and tenon corks
 |  |  |
|  | * Check and tighten loose posts
 | Bass Clarinet | **Est.** |
|  | * Spring replacement where necessary
 |  |  |
|  | * Straighten twisted keys and rods
* Clean and seat all pads
 | Oboe | **Est.** |
|  | * Precision adjust, oil and regulate keys
* Oil bore and exterior \*(wood body)
 | Bassoon | **Est.** |
|  | * Tenon rings refitted
 |  |  |
|  | * Play test.
 |  |  |
| * Additional cost for full conservatory and professional instruments.
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|  | DESCRIPTION OF REPAIR | TOTAL ESTIMATE |
| # 1Play Condition | * Minor key leveling
* Regulate adjusting screws
* Oil and Play test.
 | SopranoAlto Tenor Baritone |  **$106** **$92** **$106****$162** |
| # 2Minor Alignment | * Minimal cleaning
* Replace necessary pads (up to five)
* Replace necessary key corks
* Clean and seat necessary pads
* Replace neck cork if necessary
* Minor key leveling
* Regulate adjusting screws
* Oil and Play test.
 | SopranoAlto Tenor Baritone | **$195****$162****$215****$315** |
| # 3Major Alignment | * Major cleaning
* Replace necessary pads (up to ten)
* Replace necessary key corks
* Clean and seat all pads
* Replace neck cork if necessary
* Minor dent work
* Regulate and adjust throughout
* Oil and Play test.
 | SopranoAlto Tenor Baritone | **$485****$450****$487****$626** |
| # 4Overhaul (Student level) | * ***Ultrasonic*** or chemical cleaning
* Replace all pads
* Replace all key corks, felts and bumpers
* Spring replacement where necessary
* Replace neck cork
* Refit neck tenon
* Straighten twisted keys and rods
* Major dent work and alignment
* Level warped tone holes
* Seat and level pads
* Precision adjust and regulate keys
* Oil, lubricate and play test
 | SopranoAlto Tenor Baritone | **Est.****Est.****Est.** **Est.**  |
| * Additional charge for all silver plated instruments.
* Additional charge for professional and vintage instruments.
 |

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|  | DESCRIPTION OF REPAIR | TOTAL ESTIMATE |
| # 1Ultrasonic & Play Condition | * ***Ultrasonic*** or chemical cleaning
* Replace corks, felts and springs where necessary
* Oil and Play test.
 | Trumpet & Cornet Valve Trombone Baritone (3 valve)Euphonium (4 valve)Tuba (3 valve)Tuba (4 valve) | **$95****$130****$140****$190****$174****$226** |
| # 2Ultrasonic & Minor Alignment | * ***Ultrasonic*** or chemical cleaning
* Free stuck valves and slides
* Replace corks, felts and springs where necessary
* Minor dent removal
* Minor solder work
* Oil and Play test.
 | Trumpet & Cornet Valve Trombone Baritone (3 valve)Euphonium (4 valve)Tuba (3 valve)Tuba (4 valve) | **$180****$203****$226****$315****$315****$365** |
| # 3Ultrasonic & Major Alignment | * ***Ultrasonic*** or chemical cleaning
* Free stuck valves and slides
* Replace corks, felts and springs
* Body and valve alignment
* Major dent removal
* Major solder work
* Oil and Play test.
 | Trumpet & Cornet Valve Trombone Baritone (3 valve)Euphonium (4 valve)Tuba (3 valve)Tuba (4 valve) | **$500****$710****$754****$920** **$1,130****$1,500** |
| * Additional charge for all silver plated instruments.
* Additional charge for professional and vintage instruments.
 |

|  |  |  |
| --- | --- | --- |
|  | DESCRIPTION OF REPAIR | TOTAL ESTIMATE |
| # 1Ultrasonic Play | * ***Ultrasonic*** or chemical cleaning
* Replace corks, felts and springs
 | Single French Horn | **$140** |
| Condition. | where necessary* Restring and align rotary valves
* Oil and Play test.
 | Double French HornTuba | **$200****$345** |
| # 2Ultrasonic & | * ***Ultrasonic*** or chemical cleaning
* Replace corks, felts and springs
 | Single French Horn | **$345** |
| Minor Alignment | where necessary* Free stuck valves and slides
* Replace bumpers
* Restring and align rotary valves
* Minor dent removal
* Minor solder work
* Oil and Play test.
 | Double French HornTuba | **$405****$630** |
| # 3Ultrasonic & Major Alignment | * ***Ultrasonic*** or chemical cleaning
* Free stuck valves and slides
* Replace corks, felts and springs
* Replace bumpers
* Restring and align rotary valves
* Major dent removal
* Major solder work
* Oil and Play test.
 | Single French Horn Double French HornTuba | **$660** **$900****$1,570** |
| Additional charge for all silver plated instruments.* Additional charge for professional and vintage instruments.
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| --- | --- | --- |
|  | DESCRIPTION OF REPAIR | TOTAL ESTIMATE |
| # 1Ultrasonic & | * ***Ultrasonic*** or chemical cleaning
* Replace corks, felts and springs
 | Trombone | **$95** |
| Play Condition. | where necessary* Restring ,align and oil rotors
* Replace bumpers
* Hand Slide is shipped dry
 | Trombone w. FattachmentBass trombone | **$140****$180** |
|  |  | Valve trombone \* see |  |
|  |  | piston brasses |  |
| # 2Ultrasonic & Minor Alignment | * ***Ultrasonic*** or chemical cleaning
* Align hand slide
* Free stuck rotors and slides
* Replace corks, felts and springs
 | TromboneTrombone w. F attachment | **$185****$225** |
|  | where necessary* Restring ,align and oil rotors
* Replace bumpers
* Minor dent removal
* Minor solder work
* Hand Slide is shipped dry
 | Bass tromboneValve trombone \* seepiston brasses | **$270** |
| # 3Ultrasonic & Major Alignment | * ***Ultrasonic*** or chemical cleaning
* Align hand slide
* Free stuck rotors and slides
* Replace corks, felts and springs
* Restring ,align and oil rotors
* Replace bumpers
* Major dent removal
* Major solder work
* Hand Slide is shipped dry
 | TromboneTrombone w. F attachmentBass trombone Valve trombone \* seepiston brasses | **$562****$830****$980** |
| * Additional charge for all silver plated instruments.
* Additional charge for professional and vintage instruments.
 |

**Miscellaneous Work**

* We will provide estimates only if the repair exceeds $150.
* All prices listed below include parts.

|  |  |
| --- | --- |
| DESCRIPTION OF REPAIR | PRICE |
| **WOODWINDS** |  |
| Joint refitting (flute) | $70+ per joint |
| Tuning cork replaced (flute) | $35 |
| Refit rings (clarinet & oboe) | $20 per ring |
| Tenon corks replaced (clarinet & oboe) | $40 per tenon |
| Tenon corks replaced (bass clarinet & bassoon) | $60 per tenon |
| Neck cork replaced (sax) | $50 |
| Refit Loose Neck (sax) | $90 |
| Lead soldering | $60 per joint |
| Silver solder broken key | $90 per key |
| Spring replacement | $75 each |
| Dent removal | By estimate |
| Key fabrication | By estimate |
| Custom work | By estimate |
| Replating | By estimate |
| **BRASS** |  |
| Free stuck mouthpiece | Free |
| Waterkey spring and cork replacement | $30 |
| Amado waterkey installation | $82 |
| Restring and level rotary valve levers | $40 per lever |
| Replace bumper stops, align rotors. | $50 per rotor |
| Lead soldering | $60 per joint |
| Silver soldering | $90 per joint |
| Valve spring set replacement | $50 parts incl |
| Dent removal | By estimate |
| Free frozen tuning slides | By estimate |
| Custom work | By estimate |
| Replating | By estimate |
| Relacquer | By estimate |
| **CASE REPAIR** |  |
| Replace handle, latch or hinge | $50 ea. |

Ultrasonic cleaning has been used in industrial and commercial application for over forty years. Its cleaning power is very well documented and in some cases is absolutely essential to the manufacturing of high precision assemblies. The power of ultrasonic lies not only in its ability to clean, but in its ability to penetrate into areas inaccessible by any other method.

Since the power of cavitation is able to go wherever the liquid goes, entire assemblies can be immersed in a bath and all surfaces, both external and internal, blind holes and crevices, will be cleaned simultaneously. This ensures proper cleaning of components. Although ultrasonic is an aggressive cleaning technique, it is non-abrasive and can produce extremely clean parts without harm to product surfaces. Through the use of ultrasonic cavitation, parts can be cleaned better, faster, and without damage, making it an extremely valuable method for cleaning musical instruments.

**A TECHNICAL EXPLANATION OF ULTRASONICS**

Ultrasonic cleaning is a result of sound waves introduced into a cleaning liquid by means of a series of “transducers” mounted to the cleaning tank. The sound travels throughout the tank and creates waves of compression and expansion in the liquid. In the compression wave, the molecules of the cleaning liquid are compressed together tightly. Conversely, in the expansion wave, the molecules are pulled apart rapidly. The expansion is so dramatic that the molecules are ripped apart, creating microscopic bubbles. The bubbles are not seen by the naked eye since they are so small and exist for only a split second of time. The bubbles contain a partial vacuum while they exist. As the pressure around the bubbles becomes greater, the fluid around the bubble rushes in, collapsing the bubble very rapidly. When this occurs, a jet of liquid is created that may travel at this very high rate. They rise in temperature to as high as 5000 degrees C, which is roughly the temperature of the surface of the sun. This extreme

temperature, combined with the liquid jet’s velocity provides a very intense cleaning action in a minute area. Because of the very short duration of the bubble expansion and collapse cycle, the liquid surrounding the bubble quickly absorbs the heat and the area cools quickly. As a result, the tank and liquid becomes only warm and does not heat up due to the introduction of parts during the cleaning process.

All prices are subject to evaluation by technician additional charges may be required.

## Violin/Viola

|  |  |  |  |
| --- | --- | --- | --- |
| **Violin/Viola** | **Labour** | **Part** | **Total** |
| **Restring**(Does Not Include Bridge Work) | $ 45.00 |  | **$ 45.00** |
| **Bridge** | Standard | $ 90.00 | $7.00 | **$ 97.00** |
|  | Deluxe | $ 127.00 | $17.50 | **$ 144.50** |
|  | Rearch | $ 40.00 | $0.00 | **$ 40.00** |
|  |  |  |  |  |
| **Soundpost** | New | $ 40.00 | $4.95 | **$ 44.95** |
|  | Adjust/set | $ 20.00 | $0.00 | **$ 20.00** |
|  |  |  |  |  |
| **Pegs** | Redrill 4 | $ 40.00 | $0.00 | **$ 40.00** |
|  | Refit each | $ 35.00 | $0.00 | **$ 35.00** |
|  | New each | $ 35.00 | $2.95 | **$ 37.95** |
| (per peg) | Spiral Bushing | $ 90.00 | $0.00 | **$ 70.00** |
| (per peg) | Full Bushing | $ 115.00 | $0.00 | **$ 115.00** |
|  |  |  |  |  |
| **Nut** | Reshape | $ 40.00 | $0.00 | **$ 40.00** |
|  | New | $ 40.00 | $2.00 | **$ 42.00** |
|  |  |  |  |  |
| **Saddle** | Reglue | $ 40.00 | $0.00 | **$ 40.00** |
|  | New | $ 60.00 | $2.00 | **$ 62.00** |
|  |  |  |  |  |
| **Seams** | Reglue | By Estimate | $0.00 | By Est. |
|  |  |  |  |  |
| **Fingerboard** | Dress | $ 90.00 | $0 | **$ 90.00** |
| (partial) | Reglue | $ 40.00 | $0 | **$ 40.00** |
| (full) | Reglue | $ 80.00 | $0 | **$ 80.00** |
| (new) | Replace & Dress | $ 190.00 | $30.00 | **$ 220.00** |
|  |  |  |  |  |
| **Neck** | Reset | By Estimate | $0.00 | By Est. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Cello** | **Labour** | **Part** | **Total** |
| **Restring**(Does Not Include Bridge Work) | $ 45.00 |  | **$ 45.00** |
| **Bridge** | Standard | $ 130.00 | $32.75 | **$ 162.75** |
|  | Deluxe | $ 168.00 | $62.50 | **$ 230.50** |
|  | Rearch | $ 60.00 | $0.00 | **$ 60.00** |
|  |  |  |  |  |
| **Soundpost** | New | $ 60.00 | $4.95 | **$ 64.95** |
|  | Adjust/set | $ 25.00 | $0.00 | **$ 25.00** |
|  |  |  |  |  |
| **Pegs** | Redrill 4 | $ 55.00 | $0.00 | **$ 55.00** |
|  | Refit each | $ 45.00 | $0.00 | **$ 45.00** |
|  | New each | $ 50.00 | $12.95 | **$ 62.95** |
| (per peg) | Spiral Bushing | $ 90.00 | $0.00 | **$ 90.00** |
| (per peg) | Full Bushing | $ 150.00 | $3.00 | **$ 153.00** |
|  |  |  |  |  |
| **Nut** | Reshape | $ 55.00 | $0.00 | **$ 55.00** |
|  | New | $ 55.00 | $5.00 | **$ 60.00** |
|  |  |  |  |  |
| **Saddle** | Reglue | $ 50.00 | $0.00 | **$ 50.00** |
|  | New | $ 60.00 | $6.00 | **$ 66.00** |
|  |  |  |  |  |
| **Seams** | Reglue | By Estimate | $0.00 | **By Est.** |
|  |  |  |  |  |
| **Fingerboard** | Dress | $ 130.00 | $0.00 | **$ 130.00** |
| (partial) | Reglue | $ 45.00 | $0.00 | **$ 45.00** |
| (full) | Reglue | $ 80.00 | $0.00 | **$ 80.00** |
| (new) | Replace & Dress | $ 243.00 | $170.00 | **$ 413.00** |
|  |  |  |  |  |
| **Neck** | Reset | By Estimate | $0.00 | **By Est.** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Bass** | **Labour** | **Part** | **Total** |
| **Restring**(Does Not Include Bridge Work) | $45.00 |  | **$ 45.00** |
| **Bridge** | Standard | $190.00 | $88.99 | **$ 278.99** |
|  | Deluxe | $290.00 | $135.00 | **$ 425.00** |
|  | Rearch | $70.00 | $0.00 | **$ 70.00** |
| Install Bridge Adjusters | $130.00 | $29.95 | **$ 159.95** |
|  |  |  |  |  |
| **Soundpost** | New | $ 80.00 | $6.95 | **$ 86.95** |
|  | Adjust/set | $ 45.00 | $0.00 | **$ 45.00** |
|  |  |  |  |  |
| **Tyrolean Heads** | Repair / Adjustment | By Estimate | By Est. | **By Est.** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Nut** | Reshape | $ 65.00 | $0.00 | **$ 65.00** |
|  | New | $ 65.00 | $10.00 | **$ 75.00** |
|  |  |  |  |  |
| **Saddle** | Reglue | $ 85.00 | $0.00 | **$ 85.00** |
|  | New | $ 85.00 | $10.00 | **$ 95.00** |
|  |  |  |  |  |
| **Seams** | Reglue | By Estimate | $0.00 | **By Est.** |
|  |  |  |  |  |
| **Fingerboard** | Dress | $ 261.00 | $0.00 | **$ 261.00** |
| (partial) | Reglue | $ 70.00 | $0.00 | **$ 70.00** |
| (full) | Reglue | $ 130.00 | $0.00 | **$ 130.00** |
| (new) | Replace & Dress | $ 425.00 | $350.00 | **$ 775.00** |
|  |  |  |  |  |
| **Neck** | Reset | By Estimate | $0.00 | **By Est.** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Bow** | **Labour** | **Part** | **Total** |
| **Violin Rehair** | Standard | $ 90.00 | $ 10.00 | **$ 100.00** |
| **Grips** | Short Leather | $ 20.00 | $ 2.00 | **$ 22.00** |
|  | 2Piece Leather | $ 45.00 | $ 3.00 | **$ 48.00** |
|  | Plastic & Leather | $ 45.00 | $ 3.00 | **$ 48.00** |
|  | Silver & Leather | $ 60.00 | $ 10.00 | **$ 70.00** |
|  |  |  |  |  |
| **Tip Face** | Plastic | $ 55.00 | $ 2.00 | **$ 57.00** |
|  | Bone | $ 160.00 | $ 5.00 | **$ 165.00** |
|  |  |  |  |  |
| **Viola Rehair** | Standard | $ 90.00 | $ 10.00 | **$ 100.00** |
| **Grips** | See Violin | $ - | $ - | **$ -** |
|  |  |  |  |  |
| **Tip Face** | Plastic | $ 55.00 | $ 2.00 | **$ 57.00** |
|  | Bone | $ 160.00 | $ 5.00 | **$ 155.00** |
|  |  |  |  |  |
| **Cello Rehair** | Standard | $ 105.00 | $ 15.00 | **$ 120.00** |
| **Grips** | Short Leather | $ 25.00 | $ 3.00 | **$ 28.00** |
|  | 2Piece Leather | $ 45.00 | $ 4.00 | **$ 49.00** |
|  | Plastic & Leather | $ 45.00 | $ 4.00 | **$ 49.00** |
|  | Silver & Leather | $ 60.00 | $ 12.50 | **$ 72.50** |
|  |  |  |  |  |
| **Tip Face** | Plastic | $ 60.00 | $ 3.00 | **$ 63.00** |
|  | Bone | $ 160.00 | $ 6.00 | **$ 166.00** |
|  |  |  |  |  |
| **Bass Rehair** | Standard | $ 120.00 | $ 20.00 | **$ 140.00** |
| **Grips** | See Cello | $ - | $ - | **$ -** |
|  |  |  |  |  |
| **Tip Face** | Plastic | $ 75.00 | $ 4.00 | **$ 79.00** |
|  | Bone | $ 160.00 | $ 10.00 | **$ 170.00** |