



Band and Orchestra Repair Price List & Guide

December 2020

Bench Rate

Services or repairs which do not have a fixed rate will be billed at the bench rate of \$78 per hour (\$1.30 per minute) with a minimum charge of \$15.

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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Flute & Piccolo

- Estimates will be provided only if the repair will exceed \$150
- All prices listed below include parts

	DESCRIPTION OF REPAIR	TOTAL ESTIMATE	
# 1 Play Condition	<ul style="list-style-type: none"> • Clean and seat necessary pads • Precision key adjustment • Tuning cork checked and adjusted • Oil and play test 	Flute	\$78
		Open Hole	\$90
		Piccolo	\$90
# 2 Minor Alignment	<ul style="list-style-type: none"> • Minimal cleaning • Replace necessary pads (up to three) • Replace necessary key silencers • Clean and seat all pads • Precision adjust, oil, and regulate keys • Adjust or replace tuning cork • Play test 	Flute	\$125
		Open Hole	\$140
		Piccolo	\$140
# 3 Major Alignment	<ul style="list-style-type: none"> • Major cleaning • Hand polish body and keys • Replace necessary pads (four to eight) • Replace necessary key silencers • Minor joint refitting • Clean and seat all pads • Precision adjust, oil, and regulate keys • Adjust or replace tuning cork • Play test 	Flute	\$220
		Open Hole	\$245
		Piccolo	\$245
# 4 Overhaul	<ul style="list-style-type: none"> • Ultrasonic or chemical cleaning • Silver dip and hand polish body and keys • Replace all pads • Replace all key silencers • Replace springs where necessary • Remove dents • Refit joints • Clean and seat all pads • Precision adjust, oil, and regulate keys • Replace tuning cork • Play test 	Flute	Est.
		Piccolo	Est.
Add \$25 for instruments with B foot. Professional instruments by estimate only.			

Clarinet, Oboe & Bassoon

- Estimates will be provided only if the repair will exceed \$150
- All prices listed below include parts

	DESCRIPTION OF REPAIR	TOTAL ESTIMATE	
# 1 Play Condition	<ul style="list-style-type: none"> • Clean and seat necessary pads • Adjust and regulate keywork • Oil and play test 	Bb Clarinet	\$70
		Alto Clarinet	\$185
		Bass Clarinet	\$185
		Oboe	\$185
		Bassoon	\$220
# 2 Minor Alignment	<ul style="list-style-type: none"> • Minimal cleaning • Replace necessary pads (up to 4) • Replace necessary key corks • Clean and seat necessary pads • Replace one tenon cork if needed • Adjust and regulate keywork • Oil and play test 	Bb Clarinet	\$110
		Alto Clarinet	\$295
		Bass Clarinet	\$295
		Oboe	\$295
		Bassoon	\$345
# 3 Major Alignment	<ul style="list-style-type: none"> • Major cleaning • Replace necessary pads (5 to 8) • Replace necessary key and tenon corks • Check and tighten loose posts • Straighten bent keys and rods • Clean and seat all pads • Precision adjust, oil and regulate keys • Play test 	Bb Clarinet	\$195
		Alto Clarinet	\$485
		Bass Clarinet	\$485
		Oboe	\$485
		Bassoon	\$725
# 4 Overhaul	<ul style="list-style-type: none"> • Ultrasonic or chemical cleaning • Silver dip and hand polish keys • Replace all pads • Replace all key and tenon corks • Check and tighten loose posts • Replace springs where necessary • Straighten bent keys and rods • Clean and seat all pads • Precision adjust, oil and regulate keys • Oil bore and exterior *(wood body) • Refit tenon rings • Play test 	Bb Clarinet	Est.
		Alto Clarinet	Est.
		Bass Clarinet	Est.
		Oboe	Est.
		Bassoon	Est.

Additional cost for full conservatory instruments.
Professional instruments by estimate only.

Saxophone

- Estimates will be provided only if the repair will exceed \$150
- All prices listed below include parts

	DESCRIPTION OF REPAIR	TOTAL ESTIMATE	
# 1 Play Condition	<ul style="list-style-type: none"> • Minor key leveling • Regulate adjusting screws • Oil and play test 	Soprano	\$92
		Alto	\$80
		Tenor	\$90
		Baritone	\$140
# 2 Minor Alignment	<ul style="list-style-type: none"> • 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 • 	Soprano	\$170
		Alto	\$140
		Tenor	\$185
		Baritone	\$270
# 3 Major Alignment	<ul style="list-style-type: none"> • 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 • 	Soprano	\$420
		Alto	\$390
		Tenor	\$420
		Baritone	\$540
# 4 Overhaul (Student level)	<ul style="list-style-type: none"> • Ultrasonic or chemical cleaning • Replace all pads • Replace all key corks, felts and bumpers • Replace springs where necessary • Replace neck cork • Refit neck tenon • Straighten twisted keys and rods • Major dent work and alignment • Level tone holes • Seat and level pads • Precision adjust and regulate keys • Oil, lubricate and play test 	Soprano	Est.
		Alto	Est.
		Tenor	Est.
		Baritone	Est.
Additional charge for all silver-plated instruments. Professional and vintage instruments by estimate only.			

Piston Brass

- Estimates will be provided only if the repair will exceed \$150
- All prices listed below include parts

	DESCRIPTION OF REPAIR	TOTAL ESTIMATE	
# 1 Ultrasonic & Play Condition	<ul style="list-style-type: none"> • Ultrasonic or chemical cleaning • Replace corks, felts and springs where necessary • Oil and play test 	Trumpet & Cornet	\$80
		Valve Trombone	\$110
		Baritone (3-valve)	\$120
		Euphonium (4-valve)	\$165
		Tuba (3-valve)	\$150
		Tuba (4-valve)	\$195
# 2 Ultrasonic & Minor Alignment	<ul style="list-style-type: none"> • 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	\$155
		Valve Trombone	\$175
		Baritone (3-valve)	\$195
		Euphonium (4-valve)	\$270
		Tuba (3-valve)	\$270
		Tuba (4-valve)	\$315
# 3 Ultrasonic & Major Alignment	<ul style="list-style-type: none"> • 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	\$430
		Valve Trombone	\$460
		Baritone (3-valve)	\$650
		Euphonium (4-valve)	\$799
		Tuba (3-valve)	\$975
		Tuba (4-valve)	\$1,295
Additional charge for all silver-plated instruments. Professional and vintage instruments by estimate only.			

Rotary Valve Brass

- Estimates will be provided only if the repair will exceed \$150
- All prices listed below include parts

	DESCRIPTION OF REPAIR	TOTAL ESTIMATE	
# 1 Ultrasonic & Play Condition	<ul style="list-style-type: none"> • Ultrasonic or chemical cleaning • Replace corks, felts and springs where necessary • Restring and align rotary valves • Oil and play test • 	Single French Horn	\$120
		Double French Horn	\$175
		Tuba	\$299
# 2 Ultrasonic & Minor Alignment	<ul style="list-style-type: none"> • Ultrasonic or chemical cleaning • Replace corks, felts and springs where necessary • Free stuck valves and slides • Replace bumpers • Restring and align rotary valves • Minor dent removal • Minor solder work • Oil and play test • 	Single French Horn	\$299
		Double French Horn	\$350
		Tuba	\$545
# 3 Ultrasonic & Major Alignment	<ul style="list-style-type: none"> • 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	\$570
		Double French Horn	\$775
		Tuba	\$1,350
Additional charge for all silver-plated instruments. Professional and vintage instruments by estimate only.			

Slide Brass

- Estimates will be provided only if the repair will exceed \$150
- All prices listed below include parts

	DESCRIPTION OF REPAIR	TOTAL ESTIMATE	
# 1 Ultrasonic & Play Condition	<ul style="list-style-type: none"> • Ultrasonic or chemical cleaning • Replace corks, felts and springs where necessary • Restring, align and oil rotors • Replace bumpers <p>*Hand slide is shipped dry</p>	Trombone	\$82
		Trombone w/ F attachment	\$120
		Bass Trombone	\$155
		*Valve Trombone: see Piston Brass	
# 2 Ultrasonic & Minor Alignment	<ul style="list-style-type: none"> • Ultrasonic or chemical cleaning • Align hand slide • Free stuck rotors and slides • Replace corks, felts and springs where necessary • Restring, align and oil rotors • Replace bumpers • Minor dent removal • Minor solder work <p>*Hand slide is shipped dry</p>	Trombone	\$160
		Trombone w/F attachment	\$195
		Bass Trombone	\$235
		*Valve Trombone: see Piston Brass	
# 3 Ultrasonic & Major Alignment	<ul style="list-style-type: none"> • 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 <p>*Hand slide is shipped dry</p>	Trombone	\$485
		Trombone w/F attachment	\$715
		Bass Trombone	\$845
		*Valve Trombone: see Piston Brass	
Additional charge for all silver-plated instruments. Professional and vintage instruments by estimate only.			

- Estimates will be provided only if the repair will exceed \$150
- All prices listed below include parts

DESCRIPTION OF REPAIR	PRICE
WOODWINDS	
Remove stuck swab	\$78+
Joint refitting (flute)	\$78+ per joint
Replace tuning cork (flute)	\$25
Refit rings (clarinet & oboe)	\$10 per ring
Replace tenon corks (clarinet & oboe)	\$35 per tenon
Replace tenon corks (bass clarinet & bassoon)	\$50 per tenon
Replace neck cork (sax)	\$45
Refit loose neck (sax)	\$78+
Soft soldering	\$44 per joint
Silver solder broken key	\$78+ per key
Spring replacement	\$55 each
Dent removal	By estimate
Key fabrication	By estimate
Custom work	By estimate
Replating	By estimate
Relacquer	By estimate
BRASS	
Free stuck mouthpiece	Free
Replace waterkey spring and cork	\$25
Install Amado waterkey	\$82
Restring and level rotary valve levers	\$35 per lever
Replace bumper stops, align rotors	\$45 per rotor
Soft soldering	\$35 per joint
Silver soldering	\$70 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	By estimate

Ultrasonic Cleaning

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 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 become only warm and does not heat up due to the introduction of parts during the cleaning process.

- All prices are subject to evaluation by a technician
- Additional charges may be required

Violin/Viola

Violin/Viola		Labour	Part	Total
Restrung (Does not include bridge work)		\$ 35.00		\$35.00
Bridge	Standard	\$ 70.00	\$7.00	\$77.00
	Deluxe	\$ 110.00	\$17.50	\$127.50
	Rearch	\$ 35.00	\$0.00	\$35.00
Soundpost	New	\$ 35.00	\$4.95	\$39.95
	Adjust/Set	\$ 15.00	\$0.00	\$15.00
Pegs	Redrill 4	\$ 35.00	\$0.00	\$35.00
	Refit Each	\$ 25.00	\$0.00	\$25.00
	New Each	\$ 25.00	\$2.95	\$27.95
(per peg)	Spiral Bushing	\$ 70.00	\$0.00	\$70.00
(per peg)	Full Bushing	\$ 99.00	\$0.00	\$99.00
Nut	Reshape	\$ 35.00	\$0.00	\$35.00
	New	\$ 35.00	\$2.00	\$37.00
Saddle	Reglue	\$ 35.00	\$0.00	\$35.00
	New	\$ 50.00	\$2.00	\$52.00
Seams	Reglue	By Estimate	\$0.00	By Est.
Fingerboard	Dress	\$ 82.00	\$0	\$82.00
(partial)	Reglue	\$ 30.00	\$0	\$30.00
(full)	Reglue	\$ 55.00	\$0	\$55.00
(new)	Replace & Dress	\$ 165.00	\$30.00	\$195.00
Neck	Reset	By Estimate	\$0.00	By Est.

Cello		Labour	Part	Total
Restrung (Does not include bridge work)		\$ 35.00		\$35.00
Bridge	Standard	\$ 110.00	\$32.75	\$142.75
	Deluxe	\$ 145.00	\$62.50	\$207.50
	Rearch	\$ 40.00	\$0.00	\$40.00
Soundpost	New	\$ 50.00	\$4.95	\$54.95
	Adjust/Set	\$ 15.00	\$0.00	\$15.00
Pegs	Redrill 4	\$ 35.00	\$0.00	\$35.00
	Refit Each	\$ 25.00	\$0.00	\$25.00
	New Each	\$ 30.00	\$12.95	\$42.95
(per peg)	Spiral Bushing	\$ 80.00	\$0.00	\$80.00
(per peg)	Full Bushing	\$ 130.00	\$3.00	\$133.00
Nut	Reshape	\$ 35.00	\$0.00	\$35.00
	New	\$ 35.00	\$5.00	\$40.00
Saddle	Reglue	\$ 35.00	\$0.00	\$35.00
	New	\$ 50.00	\$6.00	\$56.00
Seams	Reglue	By Estimate	\$0.00	By Est.
Fingerboard	Dress	\$ 110.00	\$0.00	\$110.00
(partial)	Reglue	\$ 35.00	\$0.00	\$35.00
(full)	Reglue	\$ 70.00	\$0.00	\$70.00
(new)	Replace & Dress	\$ 210.00	\$170.00	\$380.00
Neck	Reset	By Estimate	\$0.00	By Est.

Bass		Labour	Part	Total
Restrung (Does not include bridge work)		\$ 35.00		\$35.00
Bridge	Standard	\$ 165.00	\$88.99	\$253.99
	Deluxe	\$ 250.00	\$135.00	\$385.00
	Research	\$ 60.00	\$0.00	\$60.00
Install Bridge Adjusters		\$ 110.00	\$29.95	\$139.95
Soundpost	New	\$ 70.00	\$6.95	\$76.95
	Adjust/Set	\$ 35.00	\$0.00	\$35.00
Tyrolean Heads	Repair / Adjustment	By Estimate	By Est.	By Est.
Nut	Reshape	\$ 50.00	\$0.00	\$50.00
	New	\$ 50.00	\$10.00	\$60.00
Saddle	Reglue	\$ 72.00	\$0.00	\$72.00
	New	\$ 72.00	\$10.00	\$82.00
Seams	Reglue	By Estimate	\$0.00	By Est.
Fingerboard	Dress	\$ 225.00	\$0.00	\$225.00
(partial)	Reglue	\$ 60.00	\$0.00	\$60.00
(full)	Reglue	\$ 110.00	\$0.00	\$110.00
(new)	Replace & Dress	\$ 365.00	\$350.00	\$715.00
Neck	Reset	By Estimate	\$0.00	By Est.

Bow

Bow		Labour	Part	Total
Violin Rehair	Standard	\$ 82.00	\$ 10.00	\$92.00
Grips	Short Leather	\$ 15.00	\$ 2.00	\$17.00
	2-Piece Leather	\$ 35.00	\$ 3.00	\$38.00
	Plastic & Leather	\$ 35.00	\$ 3.00	\$38.00
	Silver & Leather	\$ 50.00	\$ 10.00	\$65.00
Tip Face	Plastic	\$ 45.00	\$ 2.00	\$47.00
	Bone	\$ 140.00	\$ 5.00	\$145.00
Viola Rehair	Standard	\$ 82.00	\$ 10.00	\$92.50
Grips	See Violin	\$ -	\$ -	-
Tip Face	Plastic	\$ 45.00	\$ 2.00	\$47.00
	Bone	\$ 140.00	\$ 5.00	\$145.00
Cello Rehair	Standard	\$ 95.00	\$ 15.00	\$110.00
Grips	Short Leather	\$ 15.00	\$ 3.00	\$18.00
	2-Piece Leather	\$ 35.00	\$ 4.00	\$39.00
	Plastic & Leather	\$ 37.00	\$ 4.00	\$41.00
	Silver & Leather	\$ 50.00	\$ 12.50	\$62.50
Tip Face	Plastic	\$ 50.00	\$ 3.00	\$53.00
	Bone	\$ 140.00	\$ 6.00	\$146.00
Bass Rehair	Standard	\$ 105.00	\$ 20.00	\$125.00
Grips	See Cello	\$ -	\$ -	
Tip Face	Plastic	\$ 65.00	\$ 4.00	\$69.00
	Bone	\$ 145.00	\$ 10.00	\$155.00