

CCBANTA | BAR PERCUSSION TUNING SERVICE

Thousand Oaks, CA | (818) 599-8410 | chris@ccbanta.com | www.chrisbanta-marimba-tuning.com

List of Services

(As of March 2019)

BAR MATERIAL	COST PER BAR	DESCRIPTION OF WORK
BAR TUNING CHECK Wood Synthetic Aluminum Steel (Time: 1 day)	\$50 (Entire Instrument)	Assessment of the quality of tuning of all bars on the entire instrument. Includes: <ul style="list-style-type: none"> Determination of (1) the amount of <i>flatness</i> or <i>sharpness</i> of pitches and listening for <i>beating</i> or <i>wavering</i> of unison pitches, and (2) Listening for consistency of <i>sustain</i> or <i>ring tone</i> quality This check requires that the bars be delivered to Chris Banta's shop. Call first for details and address. Good News - If findings reveal that tuning is needed and client agrees, then the tuning check fee will be waived.
BAR TUNING ONLY Wood Synthetic Aluminum Steel (Time: 2 days)	\$15	Re-tune fundamental (and harmonics as applicable) on all bars - typically using: <ul style="list-style-type: none"> A-440 pitch standard for marimbas and vibraphones A-442 for xylophone and orchestra bells
BAR REFINISHING AND TUNING Wood (Time: 1 week)	\$25 (Clear Coat) \$30 (Stain and Clear Coat)	(1) Prepare bar surface - sand off old finish, splinters, and dents to create a satin-smooth bare wood surface. <ul style="list-style-type: none"> Option: Recommend sanding a radius on the front edge upper corner of accidentals to discourage splintering and chipping. (2) Spray three coats of satin or semi-gloss waterbase polyacrylic finish (satin or semi-gloss gloss). (3) Re-tune as stated above.
BAR REPAINTING AND TUNING Composite (Time: 1 week)	\$30 (Color Coat)	(1) Prepare bar surface - lightly sand to create smooth surface. (2) Apply primer coat (3) Apply two color coats – To match (as closely as possible) the existing finish. (4) Re-tune as stated above.
BAR REPAIR Wood Only (Time: 2 days)	\$20 (Repair & Retune) \$35 (Repair, Refinish & Retune)	Limited only to end splits: Cross-drill, glue, dowel, and clamp. <i>Note: Repair of a split or crack in the middle of the bar is not recommended because this is the primary mallet strike point. Even with an epoxy adhesive, repeated strikes will cause joined pieces to separate. Bar replacement is the better option.</i>

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<p>BAR REPLACEMENT Wood (Time: 1 week)</p>	<p>\$125 C2 (Cello C) to B2 \$100 C3 (Tenor C) to B3 \$ 75 C4 to C7 Pitches below C2 – Call to discuss</p>	<p>Required when:</p> <ul style="list-style-type: none"> • Pitch is 1/16th step (12 cents) or more flat • Loss of sustain or ring time (Dead) • Buzzing • Severely damaged e.g. Cracked in two <p>New bar is fabricated from scratch using dimensions of bad bar, including correct location of mounting holes. <i>Note in wood availability: Because of the huge demands, by guitar and marimba manufacturers, Honduras Rosewood will not be obtained. Recommended substitute woods are African Padauk, Bubinga, Santos Mahogany, Jarrah, Jatoba and others as on-going testing reveals. Please call to discuss options.</i></p>
<p>BAR REPLACEMENT Aluminum T-6061 bar stock (Time: 1 week)</p> <p>Shop is not set up to fabricate steel or synthetic bars. Contact the manufacturer. However if out of business, a temporary bar can be made as a stand in for a synthetic instrument.</p>	<p>\$200 F2 – E3 \$175 F3 – E4 \$150 F4 – F5 Pitches below F2 – Call to discuss</p>	<p>Required when:</p> <ul style="list-style-type: none"> • Pitch is 1/16th step (12 cents) or more flat • Loss of sustain or ring time (Dead) <p>New bar is fabricated from scratch using dimensions of bad bar, including correct location of mounting holes. Aluminum type: T-6061 bar stock. <i>Note: Vibes having gold bars will require two additional charges: 1) a local plating service to set up a gold anodizing bath, and 2) Chris Banta to oversee the delivery and pick-up process.</i></p>

To utilize this service, please call (number above) with the following info:

- instrument type, make, and model number (if known)
- bar material
- number of notes
- specific concerns about the bars
- overall instrument condition.

Bar delivery logistics, rough-order estimate, and completion time will be scheduled.

Step 1 – REMOVE BARS FROM FRAME – Tuning jobs require only the bars themselves. However, the whole instrument may be delivered if desired. On some instruments the bars may be lifted off the frame with the mounting cord still intact. Other instruments may require the bars to be unstrung first so they can be removed from the frame.

Step 2 – DELIVER BARS TO CHRIS’S SHOP

- **Local Drop Offs** – Chris Banta’s shop is in [Thousand Oaks, CA](#) which is on the boundary between the Los Angeles and Ventura County’s. The address will be provided at the time of the phone call.
- **Shipping from Distant Clients** – Bars should be placed in a box with protective material, so they can’t damage each other during transit. (Suggest placing a towel or two on top of the bars while they’re lying flat. Then, then roll them up like a sleeping bag.) The same box and protective material will be reused for the return trip. The client is responsible for all shipping charges.

Step 3 – MAKE PAYMENT – Invoicing is managed via PayPal. When the job is done, the client will be notified at which time the final invoice will be initiated via PayPal. Once payment is fulfilled, local clients can pick up the bars. For distant clients a shipping fee will be added to the invoice.

Bars will not be released without full payment. Bars not picked up within 60 days will be sold to cover shop costs.

GUARANTEE – Bar tunings are guaranteed for one (1) year from the date of release. Guarantee is void when bar damage is evident, such as: dents, scratches, chip-outs, splitting, and cracking. Always protect your instrument and play with respect.

Thank you.