

CCBANTA | Bar Percussion Tuning Service – Single Sheet

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BAR MATERIAL	COST PER BAR	DESCRIPTION OF WORK
BAR TUNING CHECK All Materials	\$50 (Entire Instrument) <i>Note: If findings reveal that tuning is needed and client agrees, then the tuning check fee will be waived.</i>	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.
BAR TUNING ONLY Wood Metal Engineered Composite	\$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 <i>Note: Certain bar percussion manufacturers utilize composite bars on some of their instrument, each one has a specific tradename, e.g. Musser (Kelon®), Deagan (Klyperon®), Yamaha (Acoustalon®), and Peripole-Bergerault (Techlon).</i>
BAR REFINISHING AND TUNING Wood	\$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 polycrylic finish (satin or semi-gloss gloss). (3) Re-tune as stated above.
BAR REFINISHING AND TUNING Composite	\$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. (3) Re-tune as stated above.
BAR REPAIR Wood Only	\$15 (Repair only) \$30 (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>
BAR REPLACEMENT Wood	Pitches below C2 – Call to discuss \$125 C2 (Cello C) to B2 \$100 C3 (Tenor C) to B3 \$ 75 C4 to C7	Required when: <ul style="list-style-type: none"> Pitch is 1/8th step (25 cents) or more flat Loss of sustain or ring time (Dead) Buzzing Severely damaged e.g. Cracked in two New bar is fabricated from scratch using dimensions of bad bar, including correct mounting hole locations. <i>Note on 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, and others as on-going testing reveals. Please call to discuss options.</i>
BAR REPLACEMENT Aluminum T-6061 bar stock Shop is not set up to fabricate steel.	Pitches below F2 – Call to discuss \$200 F2 – E3 \$175 F3 – E4 \$150 F4 – F5	Required when: <ul style="list-style-type: none"> Pitch is 1/8th step (25 cents) or more flat Loss of sustain or ring time (Dead) 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>

To utilize this service, please call (number above) with the following info: instrument type, bar material, number of notes, and overall instrument condition. Bar delivery logistics, rough-order estimate, and completion time will be scheduled.

BAR PREPARATION – 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.

DROP-OFFS (LOCAL CLIENTS) – 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 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.

PAYMENT TERMS – Invoicing is managed via PayPal. When the job is done, the client will be notified, and the final invoice initiated in 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 90 days will be sold to cover shop costs.

TURN-AROUND TIME – Basic tuning takes one (1) week. Refinishing and tuning takes two (2) weeks. Replacements take 2 weeks depending on the quantity and wood availability.

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.