



MALLET INSTRUMENTS USER MANUAL

CONCERT MARIMBA - 4 OCTAVE MODEL
M6540P

CONCERT XYLOPHONE - 4 OCTAVE MODEL
X6540P

CONCERT XYLOPHONE - 3.5 OCTAVE MODEL
X6535H | X6535D | X6535P

CONCERT VIBRAPHONE - 3 OCTAVE MODEL
V7530BCF | V7530G | V7530S | V6530S | V6530SX



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CONCERT MARIMBA - 4 OCTAVE MODEL

M6540P

CONCERT XYLOPHONE - 4 OCTAVE MODEL

X6540P

CONCERT XYLOPHONE - 3.5 OCTAVE MODEL

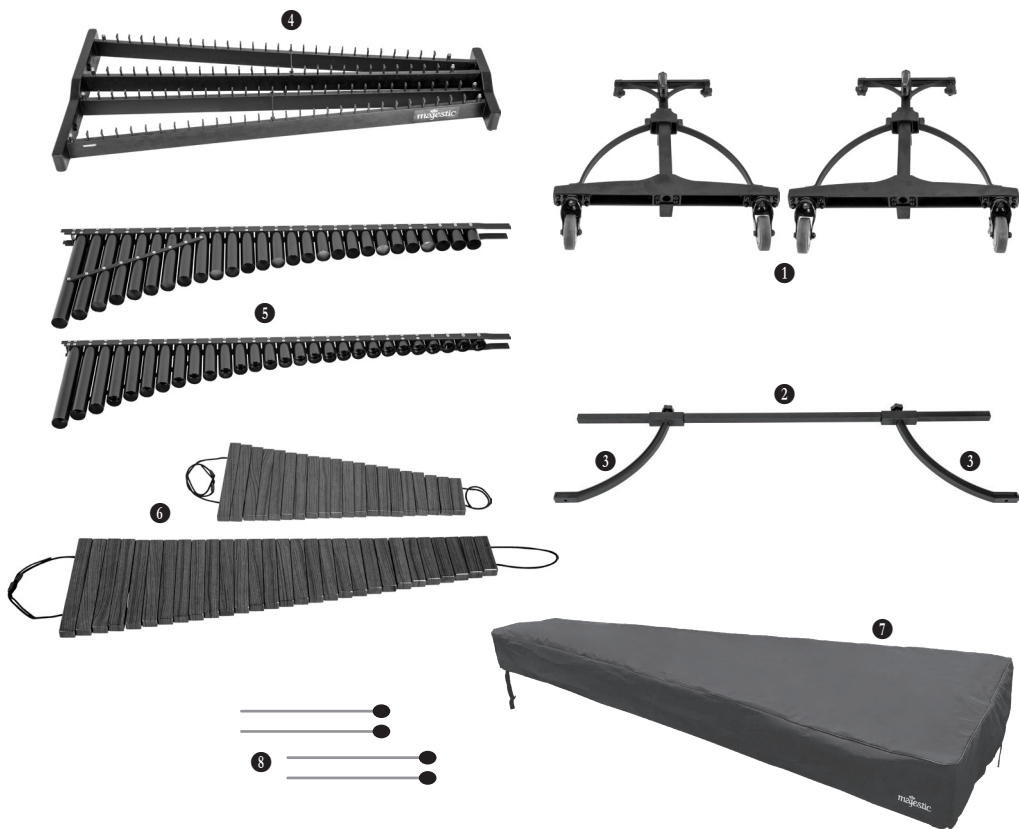
X6535H | X6535D | X6535P

PART Two.....P.7

Concert Vibraphone

V7530BCF | V7530G | V7530S

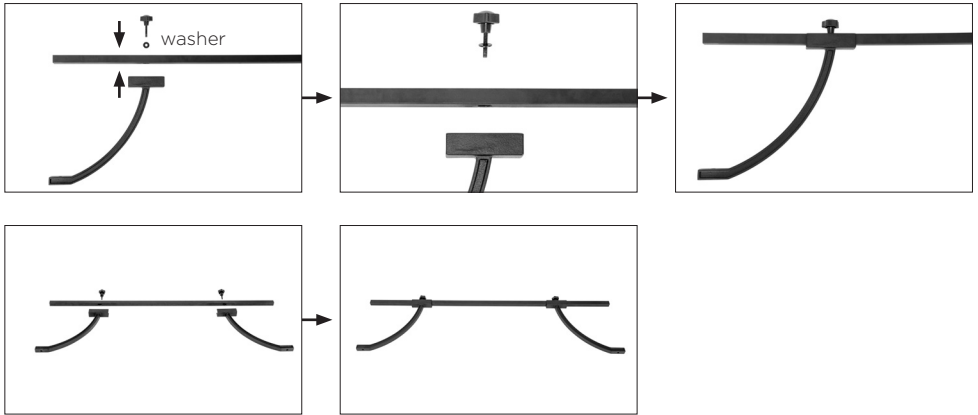
V6530S | V6530SX



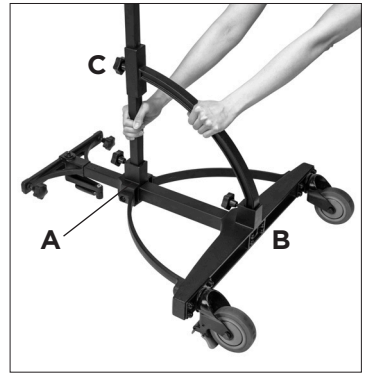
Item	Parts Description	Inner Carton
1	Leg Assembly	2 Units
2	Cross Bar	1 PC
3	Curved Brace	2 PCS
4	Keyboard Frame	1 PC
5	Resonator Set (Natural & Accidental)	2 Units
6	Tone Bars (Natural & Accidental)	2 Units
7	Protective Cover	1 PC
8	Mallets - M6540P, X6540P, X6535D/P	1 Pair
	Mallets - X6535H	2 Pairs

Leg Assembly

1. Connect curved brace to cross bar with knob. Do not tighten the knobs.



2. Identify low (bass) end leg assembly. With leg assemblies lying flat, the height adjustment crank handle on the floor, and the crossbar receivers facing up, the low end leg will have the wheel with brake on the left (player side). With bass leg assembly lying flat, place end of the cross bar into position (A) and end of curved brace into position (B). Tighten knob of position (B) first, then the other knobs at position (A) and (C).



3. Set bass (wide) end leg assembly upright, secure crossbar and brace to treble (narrow) end leg assembly as in Step 2.



- ⚠ Make sure both sides of legs are at the same height before connecting cross bar.
- ⚠ Engage brakes before putting Leg Assembly together to provide stability and traction. Wheels with brake should be positioned facing audience side.

4. Place keyboard frame onto top of bass (wide) and treble (narrow) end legs, and secure with knobs. The wider side of frame should be at top of bass end leg. Repeat the step at treble end piece.

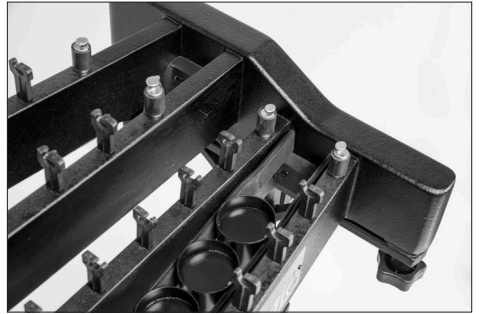


Resonator Assembly

5. Resonators are inserted from below. Insert treble (narrow) end first, then swing bass (wide) end around and over the notches in the rubber resonator mounts, and slide firmly down into place. Repeat process for second set of resonators.



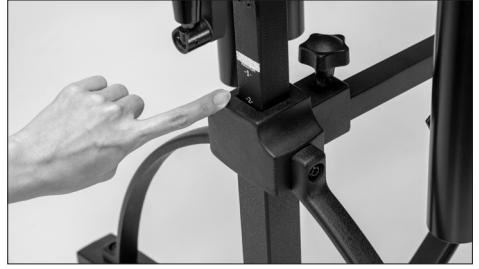
Treble (narrow) end



Bass (wide) end



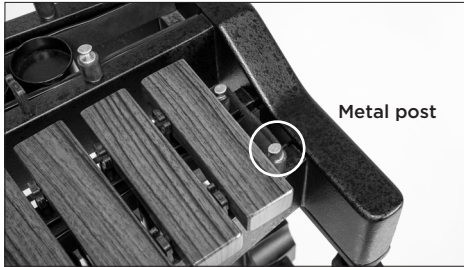
6. It is important to make sure the instrument is level at all times. Operate both sides of height adjustment handle on leg assembly simultaneously, and use imprinted scale as a guide.



Tone Bar Placement

7. Natural Bars

Gently lay the natural bars on rail. Bar cord should go around metal posts at treble (narrow) end.



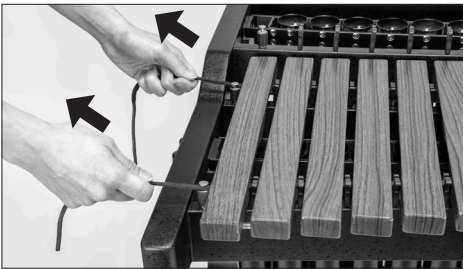
Treble (narrow) end



Bass (wide) end

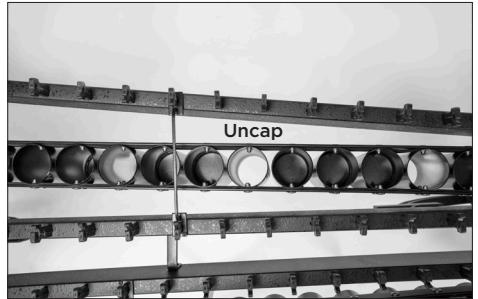
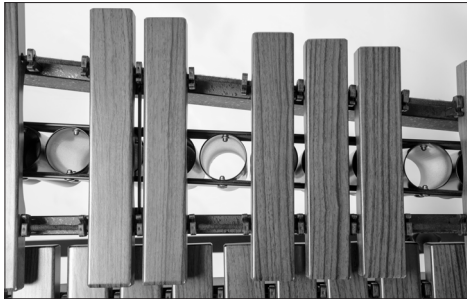
Position each tone bar between bar posts, beginning from treble (narrow) end, working progressively toward bass (wide) end.

Once tone bars are in place, pull excess bar cord to bass (wide) end, and bring bar cord around metal posts. Finally, secure the spring hooks together.



8. Accidental Bars

Repeat the same process at treble (narrow) end. Place bars over capped resonators only.

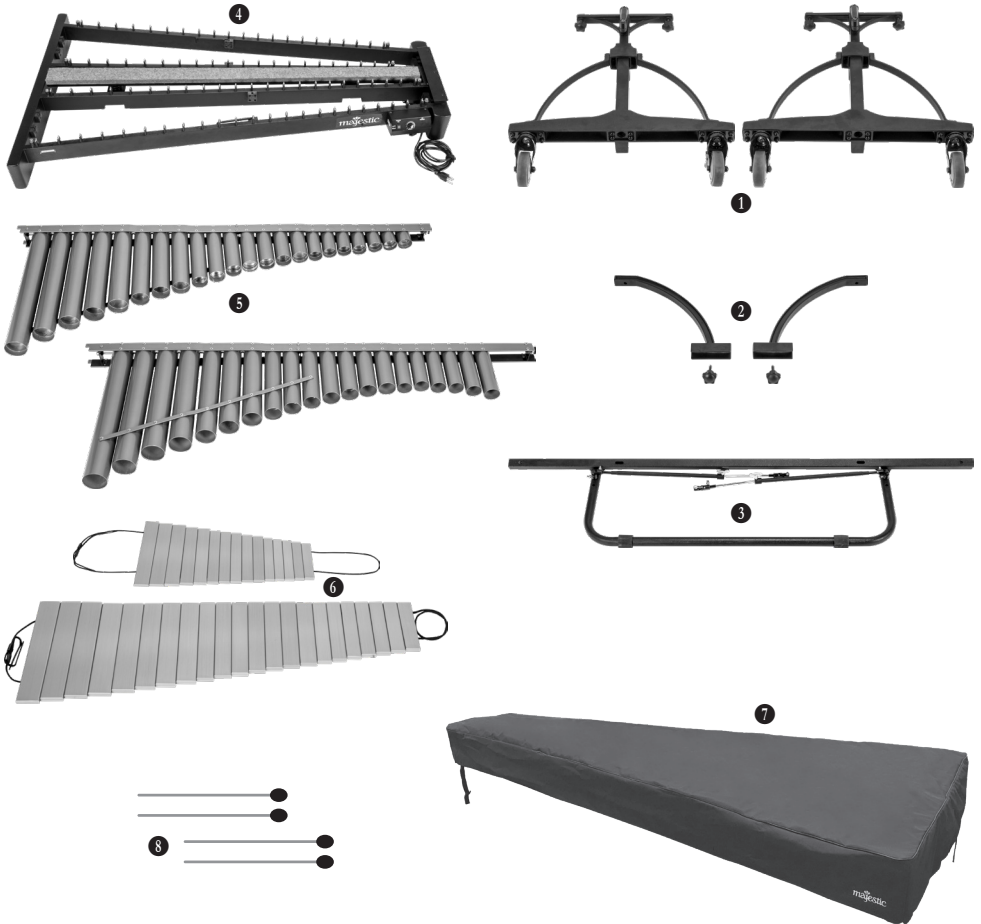




MALLET INSTRUMENTS

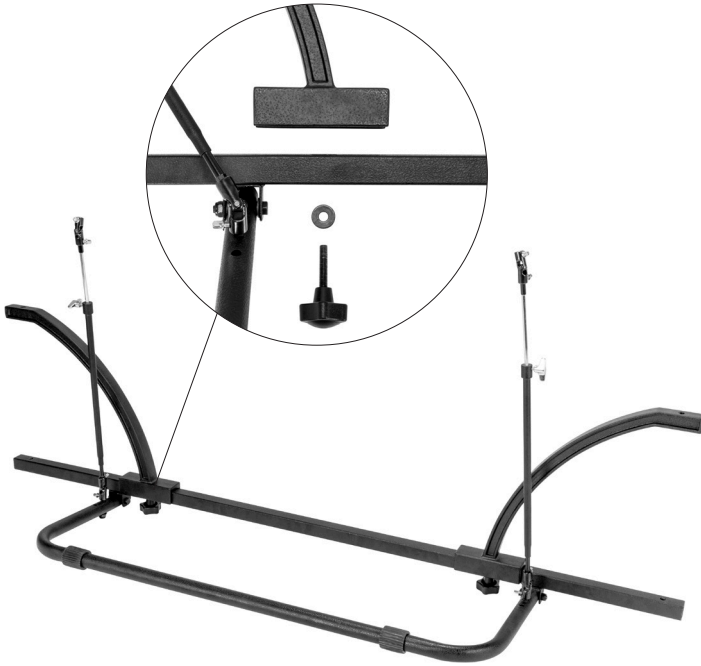
CONCERT VIBRAPHONE — 3 OCTAVE MODEL
USER MANUAL

Components

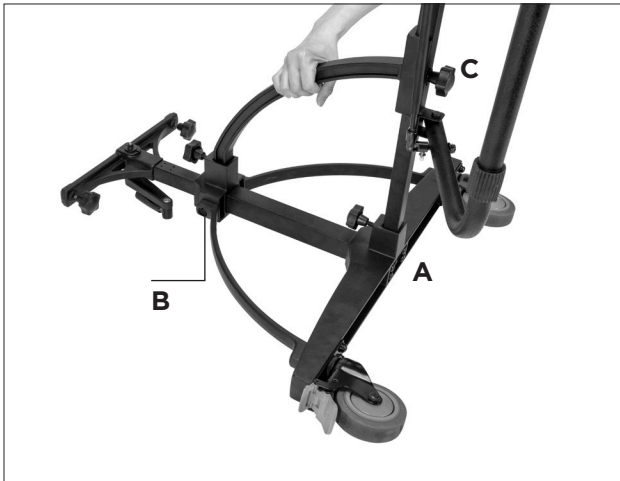


Item	Parts Description	Inner Carton
1	Leg Assembly	2 Units
2	Curved Brace	2 PCS
3	Cross Bar & Pedal Assembly	1 Unit
4	Keyboard Frame	1 PC
5	Resonator Set (Natural & Accidental)	2 Units
6	Tone Bars (Natural & Accidental)	2 Units
7	Protective Cover	1 PC
8	Mallets - V6530S/SX	1 Pair
	Mallets - V7530BCF/G/S	2 Pairs

1. Connect curved braces to cross bar with knob. Do not tighten the knobs.



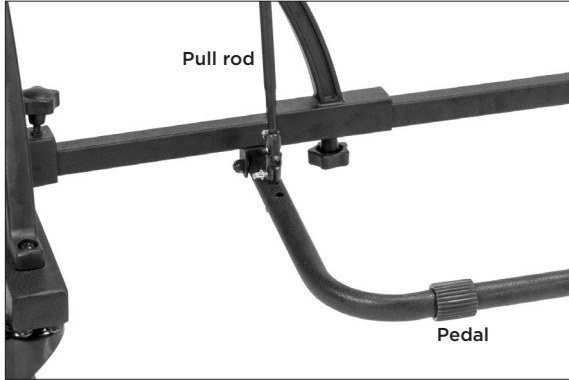
2. Identify low (bass) end leg assembly. With leg assemblies lying flat with the height adjustment crank handle on the floor and the crossbar receivers facing up, the low end leg will have the wheel with brake on the left (player side).



With bass leg assembly lying flat, place end of the cross bar into position (A) and end of curved brace into position (B). Tighten knob of position (B) first, then the other knobs at position (A) and (C).

Leg Assembly

Pedal brackets should be underneath the crossbar with the pedal facing toward the player (wheel with brake) side of the instrument. Pull rods should protrude on the top side of the pedal.



3. Set bass (wide) end leg assembly upright, secure crossbar and brace to treble (narrow) end leg assembly as in Step 2.



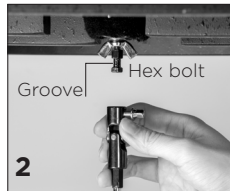
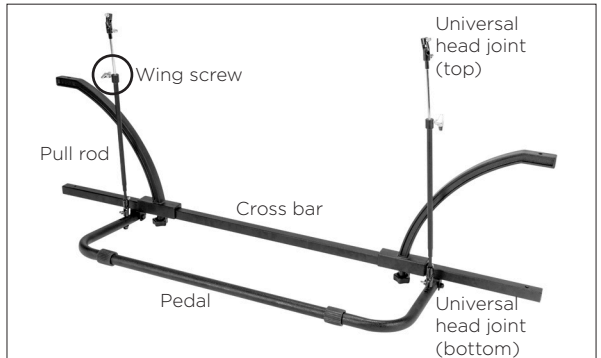
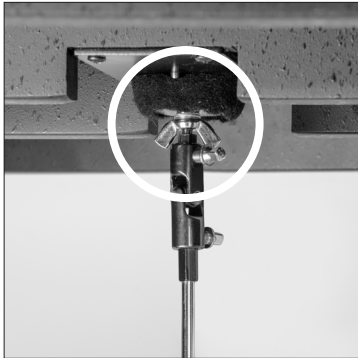
- ⚠ Make sure both sides of legs are at the same height before connecting cross bar and curved braces.
- ⚠ Engage brakes before putting Leg Assembly together to provide stability and traction. Wheels with break should be positioned facing player side.

4. Place keyboard frame onto top of bass (wide) and treble (narrow) end legs, and secure with knobs. The wider side of frame should be at top of bass end leg.



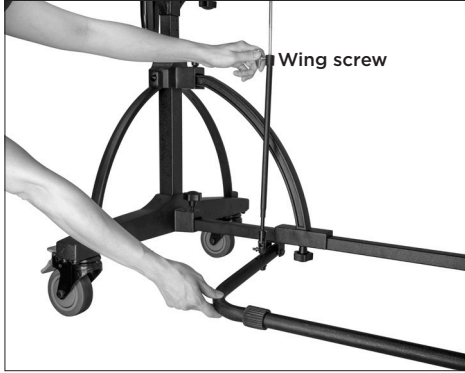
Pedal Assembly

5. To attach the vibraphone pedal pull rods:
 First, keep the wing screws that adjust pull rod length loose.
 Loosen the square head bolt of the universal head joint (top) by using the drum key (Pic. 1).
 Insert the hex bolt on the pedal into the universal head joint (Pic. 2 & 3) and tighten with the drum key (Pic. 4). Make sure the square head bolt is locked into the groove of the hex bolt.

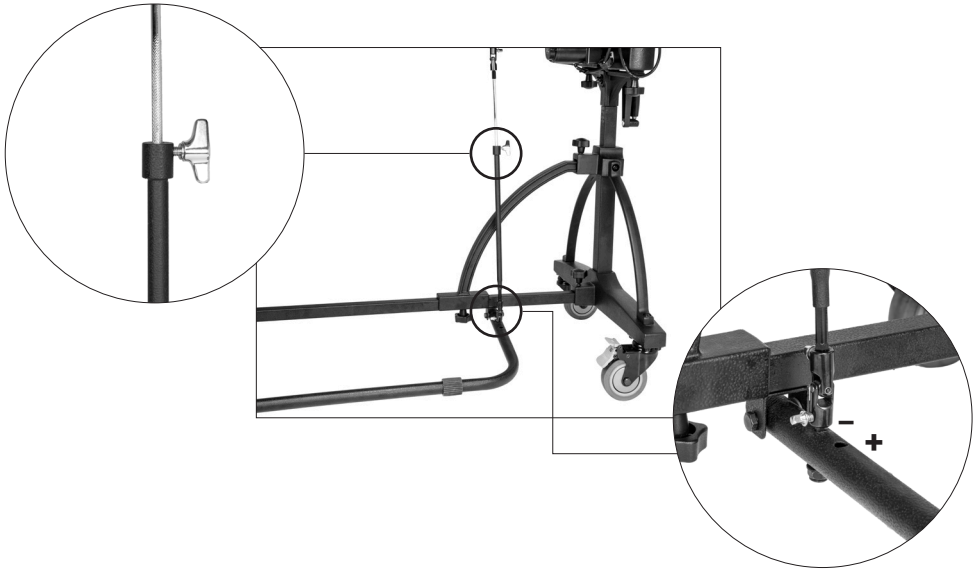


Pedal Assembly

Once the pull rods are attached, pedal can be set to the player's preferred height, and tightened the wing screws to maintain pedal position.



- ⚠ *Prior to moving the vibraphone, make sure to lift pedal from the floor, and lock the wing screw, to prevent damage to the pedal and pull rods.*
- ⚠ *Before adjusting instrument height, make sure both wing screws are loosened. Pedal height must be reset every time, after each instrument height adjustment has been made.*

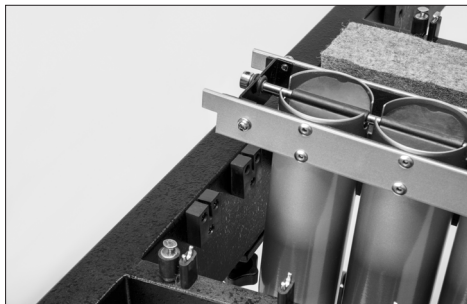


- ⚠ *Besides the preset pedal weight, user can switch to the other connecting position for heavier pedal response.*

6. Hang natural resonators in place: insert treble (narrow) end first, then insert the bass (wide) end into rubber notches. Repeat process for second set of resonators.



Treble (narrow) end



Bass (wide) end



Resonator Assembly

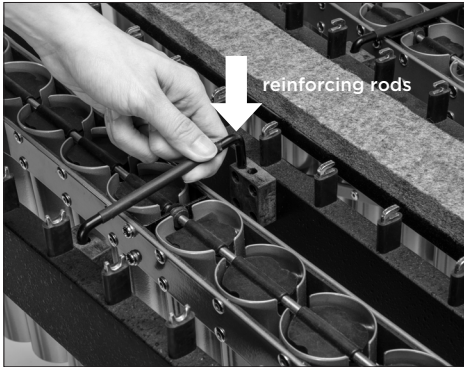


Bass (wide) end - completed

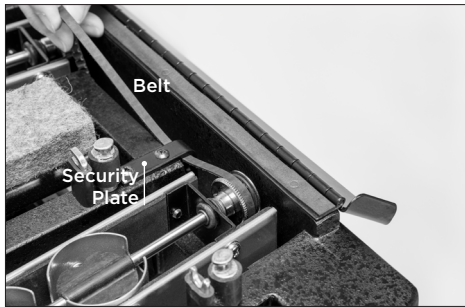
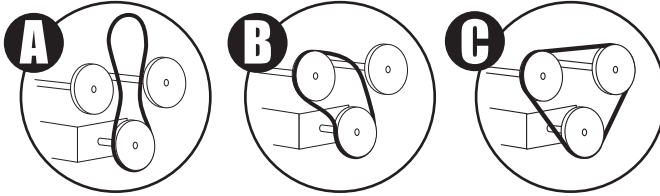


Treble (narrow) end - completed

After all resonator sets are in place, lock resonator reinforcing rods.



7. Align the fans of the two resonator banks. Ensure that the belt is firmly seated on the motor pulley (A) as you place it around the pulley on the end of the natural/player's side resonators (B). Maintaining tension and fan alignment, slide the belt under the security plate, as shown below. Then, using the tension on the belt to rotate the natural/player's side pulsator shaft and fans, rotate the accidental/audience side pulsator shaft and fans with your thumb and fingers (continuing to maintain alignment) while rolling the belt over the outside wall of that pulley until it is fully and properly seated in that pulley (C). The belt will be a bit tight to install, but by rolling it gradually onto the final gear, it can be installed without tools.



8. Tightness of motor belt is adjusted before vibraphone is shipped. Player can make further adjustments by moving the position of motor up or down (By adjusting 4 screws shown in photo).



Height Adjustment

9. Make sure the leveling of instrument at all time. Loosen wing screws before adjusting height. Operate both sides of height adjustment handle on leg assembly simultaneously, and use imprinted scale as a guide. Tighten wing screw after height adjustment is completed.



Tone Bar Placement

10. Natural Bars

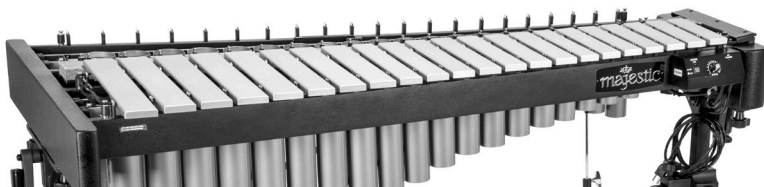
Gently lay the natural bars on rail. Bar cord should go around metal posts at treble (narrow) end. Position each tone bar between bar posts, beginning from treble (narrow) end, working progressively toward bass (wide) end.



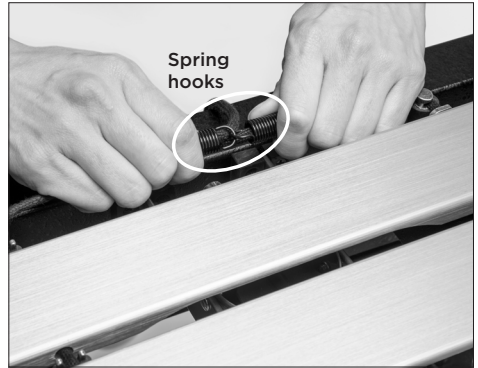
Treble (narrow) end



Bass (wide) end



Once tone bars are in place, pull excessive bar cord to bass (wide) end, and bring bar cord around metal posts. Finally, secure the spring hooks together.



11. Accidental Bars

Repeat the same process at treble (narrow) end. Place bars over capped resonators only.





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