

MUSSEER

A DIVISION OF THE CONN-SELMER, INC.

Dear Customer,

We at Musser want to thank you for selecting one of our percussion instruments. Generations of **American Craftsmanship**, Knowledge and Pride go into each and every **Musser** product.

In striving to offer the highest quality instruments and service in meeting your musical needs, we ask that you please complete both the registration Form and our Customer Satisfaction Survey.

If you are pleased, **tell everyone**; if you are not, **please let us know**.
WE WANT TO KNOW!

Specifications are subject to change without notice as we at Musser continue to improve our products. The information in this manual is intended to be of a general nature only.

Thank you,

All Employees
Musser Division
Conn-Selmer Inc.

NOTE: FOR THE M8051 XYLOPHONE, REFER TO THE ASSEMBLY INSTRUCTIONS PACKED WITH THE ALL-TERRAIN CART. ATTACH THE INSTRUMENT FRAME, RESONATORS, AND BARS AS DESCRIBED BELOW.

ASSEMBLY INSTRUCTIONS FOR THE M7031, M7061 MARIMBA AND M7042, M7050, M7051 XYLOPHONE

PARTS LIST

One (1) Wide End Piece w/Adjustable Angle Plate	One (1) Narrow End Piece
Two (2) Crossbar Assemblies	One (1) Frame Assembly
Two (2) Diagonal Braces with Plastic Knobs	One (1) Plain Scale Keyboard
Two (2) Resonator Assemblies	Two (2) Pairs of Mallets
One (1) Sharp Scale Keyboard	One (1) Dust Cover

READ ALL INSTRUCTIONS BEFORE ASSEMBLING

- Step 1** Remove contents from the cartons and check against Parts List.
- Step 2** Place the Large Metal End Frame (Decal side down) on a flat, smooth surface. Retract the Spring Loaded Pin at one end of each Crossbar. **(Note: upper Crossbar has Brace screws.)** Slide the end of each Crossbar into the Sleeve attached to the End Frame. Align the Crossbar Pin with the hole in the Sleeve. Release the Pin, making certain the Pin is fully through the hole in the Sleeve. Place this End Frame upright on its Casters.
- Step 3** Retract the Spring Loaded Pin at the free end of each Crossbar. Guide the end of each Crossbar into the proper Sleeve on the Narrow End Frame. Align the Pin with the Hole in the Sleeve and release it fully through the Sleeve Hole.
- Step 4** Assemble the Diagonal Braces to the Crossbar and End Frames as shown in **ILLUSTRATION I**. Make certain the Plastic Knobs are securely tightened.
- Step 5** Loosen the Wing Nuts on the Adjustable Angle Plate and slide it back away from the Frame. Place the instrument Frame onto the Cart. Push the Frame toward the High End as far as it will go. Slide the Adjustable Angle Plate against the Frame and tighten the Wing Nuts securely. Make certain that the Frame Ends are aligned parallel to the Cart End Frames.

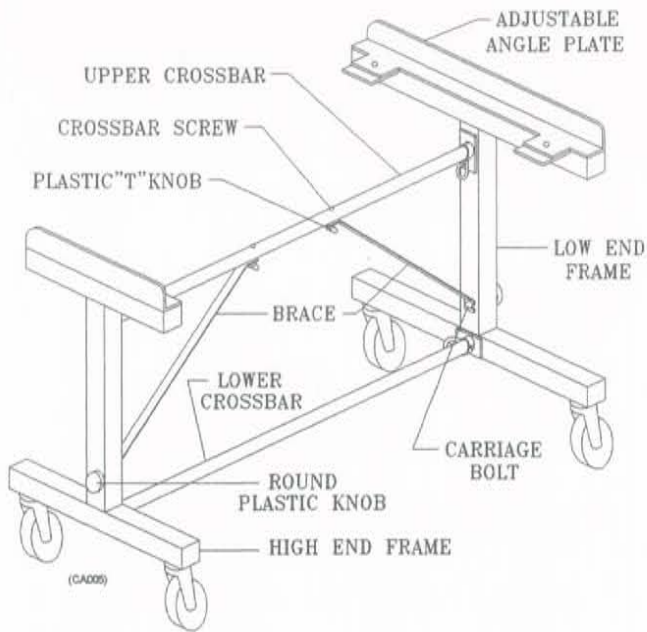
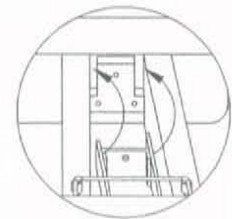
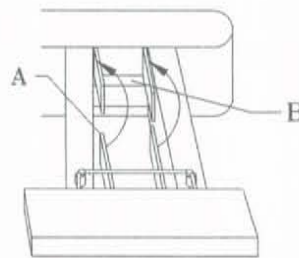


ILLUSTRATION 1

ILLUSTRATION 2 - Mount the Resonator Strips "A" on top of the Rubber Resonator Block "B" inside the Frame Narrow End.

Narrow End of Instrument



M-61 Style Resonator Block

Wide End Narrow End

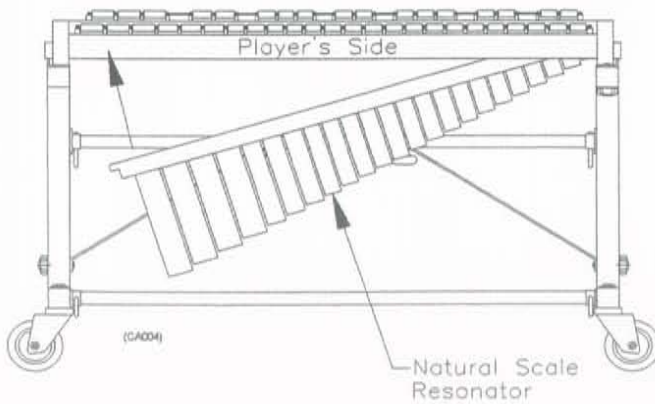
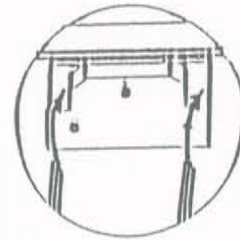
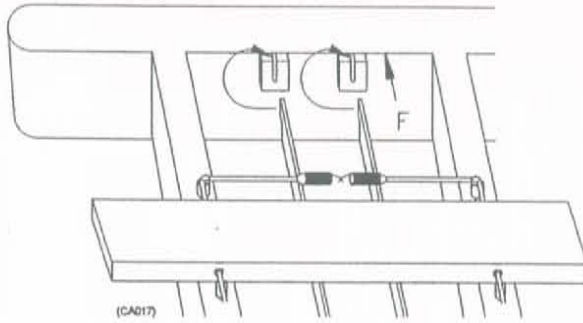


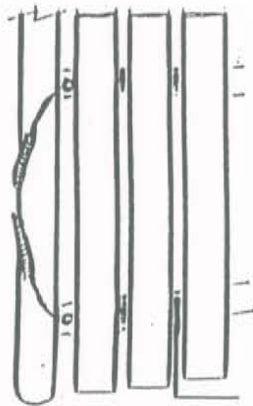
ILLUSTRATION 3 - Bring the other end of the Resonator (Wide End) Up toward the Frame as shown.

Wide End of Instrument

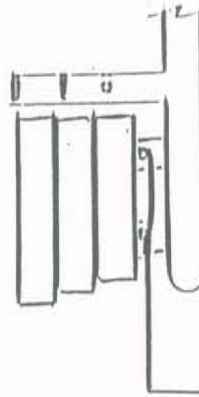


M-51 Style Resonator Block

ILLUSTRATION 4 – One Resonator Strip passes between the two Rubber Resonator Blocks, the other Strip passes between the Rubber Resonator Block and the #4 Rail. Center the Strips over the Slots and press them into place. Install Resonator as shown.



Bar Support Post

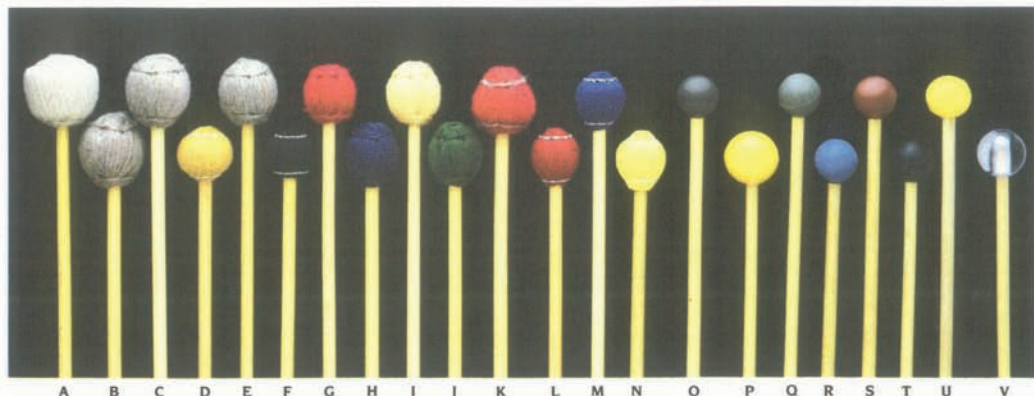


End Post

ILLUSTRATION 5 – Place the Natural Scale Bars on the Instrument and unhook the Springs. Place the Bar Cord around the End Posts at the Narrow End of the Instrument. Pull the Cord toward the Wide End of the Instrument, hook the Spring together, and place the Cord around the End Posts. Beginning at the Wide End of the Instrument, start placing the Bars between the Bar Support Posts until all Bars and Cord are in position as shown. To remove the Bars, reverse the procedure.

! CAUTION !

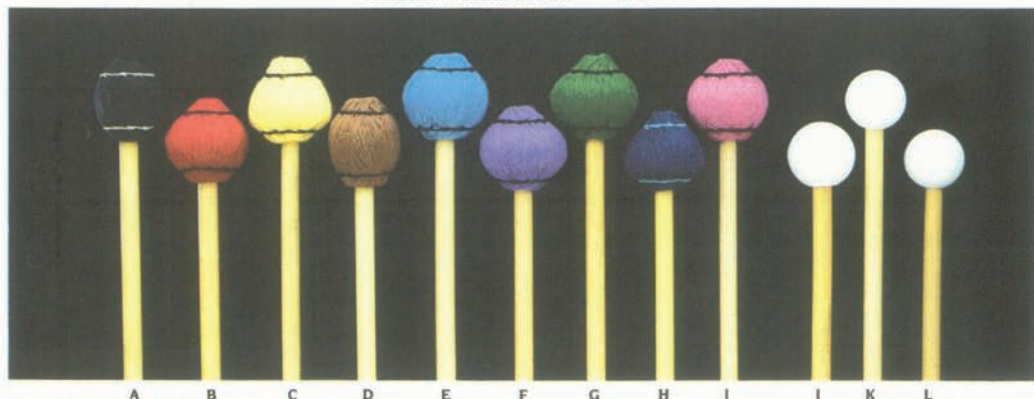
YOUR NEW INSTRUMENT IS GUARANTEED AGAINST DEFECTS IN WORKMANSHIP AND MATERIAL THROUGH NORMAL USE. PLEASE USE GOOD JUDGEMENT IN SELECTING YOUR MALLETS. USE OF BRASS OR STEEL BALL MALLETS WILL NULLIFY THE GUARANTEE. DO NOT USE ACRYLIC OR LEXAN MALLETS ON WOOD KEYBOARDS.



Rattan Handle Mallets

These high quality mallets feature select rattan handles. Rubber heads are hardness-graduated for a wide selection of tonal responses. Finest grade cord or yarn is used on covered mallets. Each mallet is carefully matched and balanced for flex, weight, and size. Packed in clear-view vinyl cases. The professional Gary Burton Signature Mallets (M-220, M-221) are crafted to his personal specifications.

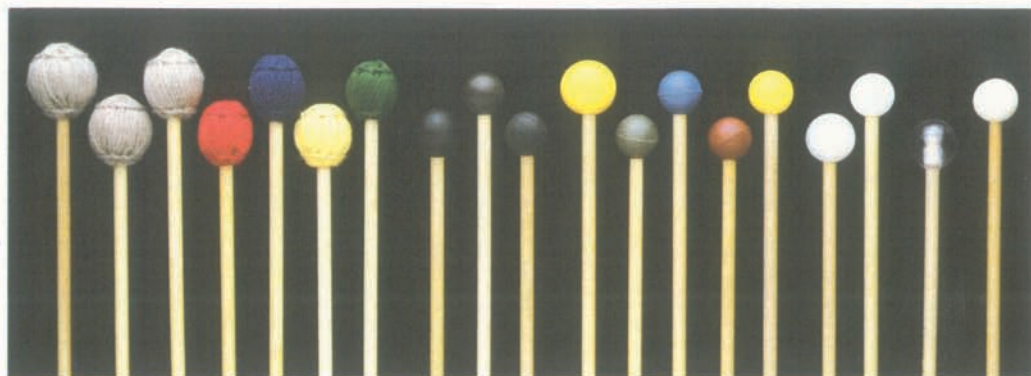
Description	Model No.	Description	Model No.
A. Yarn 1 1/8", Very Soft, Natural (M)	M-204	N. Cord 1", Soft, Yellow (V)	M-218
B. Yarn 1 1/8", Very Soft, Gray (M)	M-223	O. Phenolic 1", Hard, Brown (B, X)	M-215
C. Yarn 1 1/8", Soft, Gray (M)	M-210	P. Rubber 1 1/8", Medium Soft, Yellow (M)	M-205
D. Yarn 1 1/8", Medium Hard, Gold (M, V)	M-221	Q. Rubber 1", Hard, Gray (B, X)	M-214
E. Yarn 1 1/8", Soft, Gray (M)	M-209	R. Rubber 1", Medium Hard, Blue (M, B, X)	M-213
F. Yarn 1 1/8", Soft, Black (M, V)	M-220	S. Rubber 1", Medium, Red (M, X)	M-212
G. Yarn 1", Hard, Red (M)	M-206	T. Rubber 1", Medium Soft, Black (M)	M-224
H. Yarn 1", Medium, Blue (M, V)	M-207	U. Rubber 1", Soft, Yellow (M)	M-211
I. Yarn 1", Medium Soft, Yellow (M)	M-208	V. Lexan 1 1/8", Very Hard, Clear (B, X)	M-203
J. Yarn 1", Soft, Green (M)	M-222		
K. Yarn 1", Soft, Red (M)	M-219		
L. Cord 1", Hard, Red (V, X)	M-216		
M. Cord 1", Medium, Blue (V)	M-217		



Good Vibes Mallets

Good Vibes are recognized as the world's finest professional mallets. Handles are choice light rattan, carefully selected and matched for size, weight, and flex. Select premium yarn is wound around a solid, specially formulated and shaped rubber core, then carefully hand-stitched. Packed in clear-view vinyl cases.

Description	Model No.	Description	Model No.
A. Yarn 1 1/8", Hard, Black (X)	M-232	G. Yarn 1 1/8", Medium Hard, Green (V)	M-239
B. Yarn 1 1/8", Hard, Red (V)	M-236	H. Yarn 1 1/8", Medium Soft, Navy Blue (M, V)	M-228
C. Yarn 1 1/8", Medium Hard, Yellow (M, V)	M-229	I. Yarn 1 1/8", Medium Soft, Pink (V)	M-233
D. Yarn 1 1/8", Medium Hard, Brown (X)	M-231	J. Poly 1 1/8", Medium Hard, White (B, X)	M-226
E. Yarn 1 1/8", Medium Hard, Royal Blue (V)	M-235	K. Poly 1", Medium Hard, White (B, X)	M-225
F. Yarn 1 1/8", Medium Hard, Violet (V)	M-237	L. Nylon 1", Hard, White (B, X)	M-227

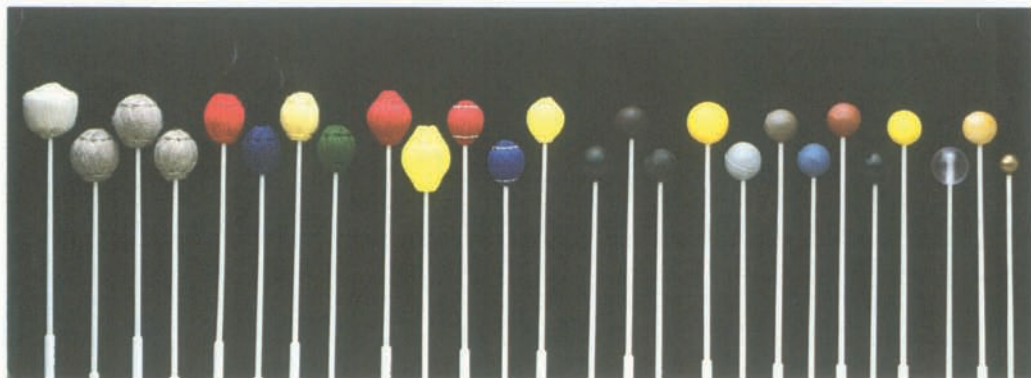


A B C D E F G H I J K L M N O P Q R S

Birch Handle Mallets

For the mallet player who wants a straight, but firmer, wood handle mallet. Precision matched for balance, these mallets come with rubber, plastic, or yarn heads. Packaged in clear vinyl cases.

Description	Model No.		
A. Yarn 1 1/8". Very Soft, Gray (M)	M-412	K. Rubber 1 1/2", Medium Soft, Yellow (M)	M-413
B. Yarn 1 1/2", Soft, Gray (M)	M-410	L. Rubber 1", Hard, Gray (B, X)	M-404
C. Yarn 1 1/8", Soft, Gray (M)	M-409	M. Rubber 1", Medium Hard, Blue (M, B, X)	M-403
D. Yarn 1", Hard, Red (M)	M-406	N. Rubber 1", Medium, Red (M, X)	M-402
E. Yarn 1", Medium, Blue (M, V)	M-407	O. Rubber 1", Soft, Yellow (M)	M-401
F. Yarn 1", Medium Soft, Yellow (M)	M-408	P. Poly 1 1/8", Medium Hard, White (B, X)	M-4226
G. Yarn 1", Soft, Green (M)	M-411	Q. Poly 1", Medium Hard, White (B, X)	M-4225
H. Phenolic 1 1/8", Hard, Black (B, X)	M-424	R. Lexan 1 1/8", Very Hard, Clear (B, X)	M-423
I. Phenolic 1", Hard, Brown (B, X)	M-405	S. Nylon 1", Hard, White (B, X)	M-4227
J. Phenolic 1", Hard, Black (B, X)	M-428		



A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Two-Step Handle Mallets

Musser's exclusive two-step fiber-glass handles are thick near the end for well-balanced handling and thin near the head for strong striking force. Excellent flexibility, yet highly warp resistant. All mallets precision matched for balance. Available in a wide variety of graduated rubber, plastic, metal, and wood balls as well as cord or yarn-covered balls. Packaged in clear vinyl cases.

Description	Model No.		
A. Yarn 1 3/8", Soft, Natural (M)	M-19	P. Phenolic 1", Hard, Black (B, X)	M-28
B. Yarn 1 3/8", Very Soft, Gray (M)	M-12	Q. Rubber 1 1/2", Medium Soft, Yellow (M)	M-13
C. Yarn 1 1/2", Soft, Gray (M)	M-10	R. Rubber 1 1/8", Hard, Gray (B, X)	M-22
D. Yarn 1 1/8", Soft, Gray (M)	M-9	S. Rubber 1", Hard, Gray (B, X)	M-4
E. Yarn 1", Hard, Red (M)	M-6	T. Rubber 1", Medium Hard, Blue (M, B, X)	M-3
F. Yarn 1", Medium, Blue (M, V)	M-7	U. Rubber 1", Medium, Red (M, X)	M-2
G. Yarn 1", Medium Soft, Yellow (M)	M-8	V. Rubber 1", Medium Soft, Black (M)	M-25
H. Yarn 1", Soft, Green (M)	M-11	W. Rubber 1", Soft, Yellow (M)	M-1
I. Cord 1 1/2", Medium Hard, Red (M, V)	M-27	X. Lexan 1 1/8", Very Hard, Clear (B, X)	M-23
J. Cord 1 1/2", Medium, Yellow (M, V)	M-29	Y. Wood 1", Hard, Maple ()	M-15
K. Cord 1", Hard, Red (V, X)	M-16	Z. Brass 3/8", Very Hard, Gold (Steel Bells)	M-14
L. Cord 1", Medium, Blue (V)	M-17		
M. Cord 1", Soft, Yellow (V)	M-18		
N. Phenolic 1 1/8", Hard, Black (B, X)	M-24		
O. Phenolic 1", Hard, Brown (B, X)	M-5		

USAGE CODE: V = Vibraphone, M = Marimba, X = Xylophone, B = Bells

HOW TO OBTAIN MALLETS, REPLACEMENT PARTS, OR SERVICE

CONTACT YOUR LOCAL LUDWIG/MUSSER AUTHORIZED DEALER. THE DEALER WILL CONTACT OUR DEALER SERVICE DEPARTMENT TO ASSIST YOU.

IF YOU CANNOT LOCATE AN AUTHORIZED DEALER, PLEASE CALL 574-522-1675 AND ASK FOR DEALER SERVICE.

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<http://www.ludwig-drums.com>**

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