

RESTORING THE JANSEN BENCH IN UNDER 1 HOUR (OR SO)

GERRY COUSINS, RPT

PAUL L. JANSEN & SON INC.

1550 HARRISON STREET – OSHKOSH, WI 54901

1- 800- BENCHES

WWW.PLJANSEN.COM – PLJANSEN@AOL.COM

AGENDA FOR TODAY'S CLASS

- THE COMPANY
- THE BENCH
- NOMENCLATURE
- TOOLS & SUCH (What you need to get it done)
- THE ARTIST BENCH REPAIR KIT
- DIVING RIGHT INTO IT (Timers...Ready-Set-Go!)
- WRAPPING IT UP IN A NICE BOW Q&A
- SOMETHING SPECIAL FOR EVERYONE from Paul



TRADITION

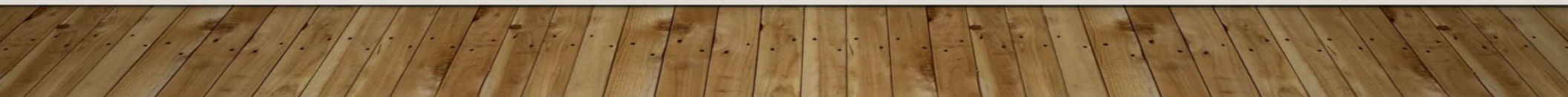
Our family business has been operating in Oshkosh, Wisconsin, for nearly 50 years. After years of traveling the country and gathering feedback from clients, Paul L. Jansen Sr. and Paul L. Jansen Jr. designed an adjustable piano bench, and the Micro-A-Just Artist bench was born. What began as an idea in 1971 now resides on concert hall stages, businesses and homes across the world. Knowing the best in the music industry choose Jansen® products year after year confirms we're keeping the tradition of quality we set years ago.



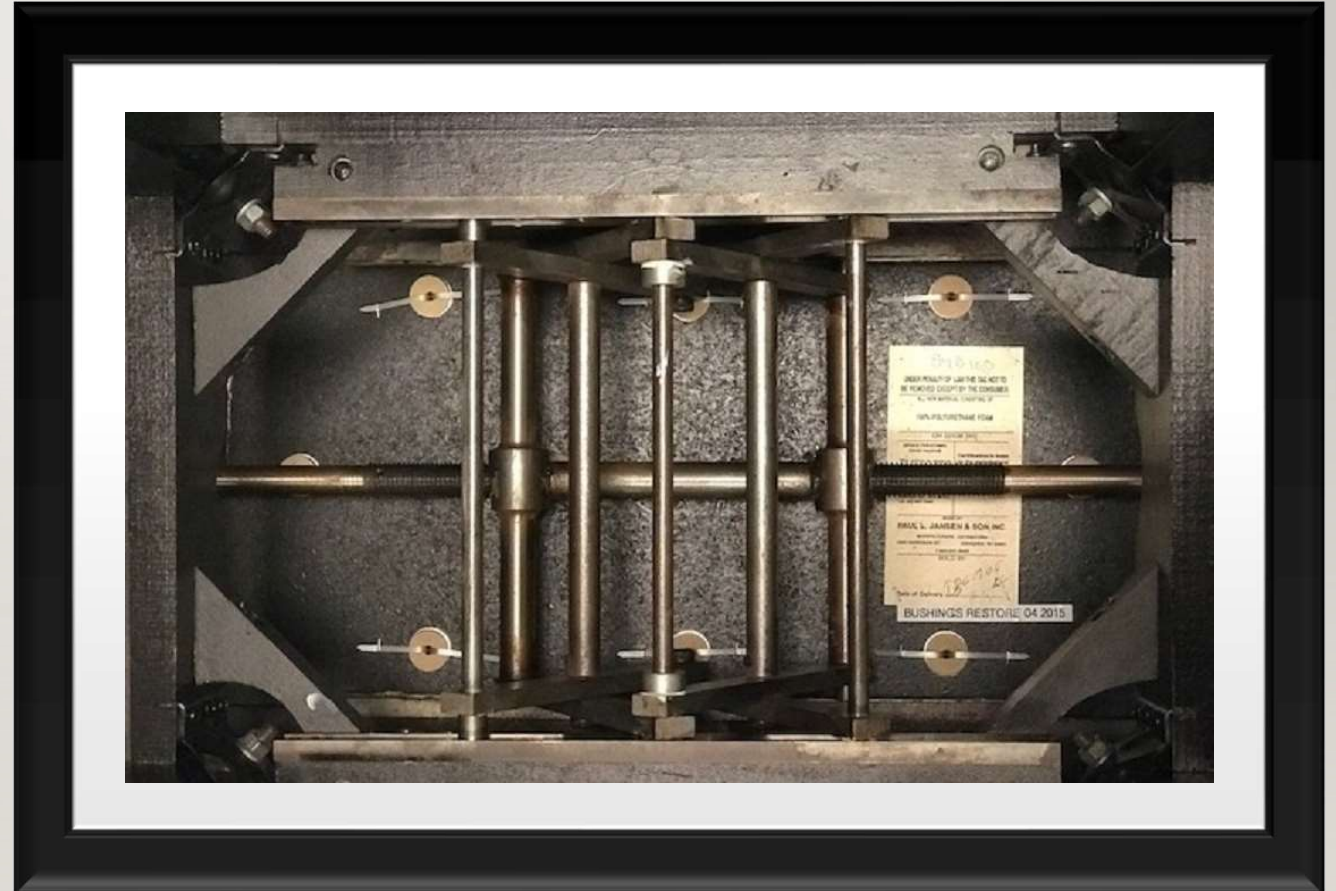


CRAFTSMANSHIP

We've been building piano benches by hand for nearly 50 years and built our reputation on our commitment to craftsmanship. Our expert artisans create every part of our benches with unmatched attention to detail – from shaping hardwood maple into elegant bench legs to hand cutting and stretching the finest-quality leather for upholstery. Our superb craftsmanship and our commitment to stand behind our products are why the world's top piano manufacturers insist on using Jansen® products.



PROVEN QUALITY
SOLID MAPLE HARDWOOD
(LEGS AND FRAME)
VINYL OR GENUINE LEATHER
UPHOLSTERY AVAILABLE



ARTIST BENCH TYPES THROUGH THE YEARS

DESIGN I

CAST IRON - NUT BAR

TORPEDO SHAPED – WIDER

CENTER TAPERED ENDS

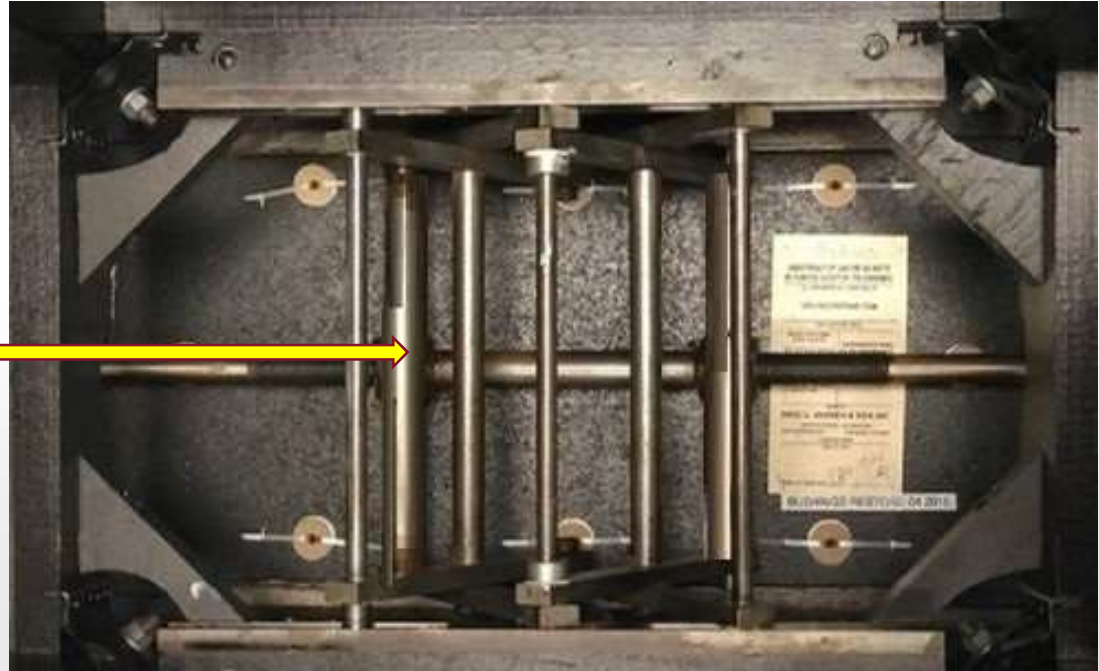
PROVEN QUALITY

SOLID MAPLE HARDWOOD

(LEGS AND FRAME)

VINYL OR GENUINE LEATHER

UPHOLSTERY AVAILABLE

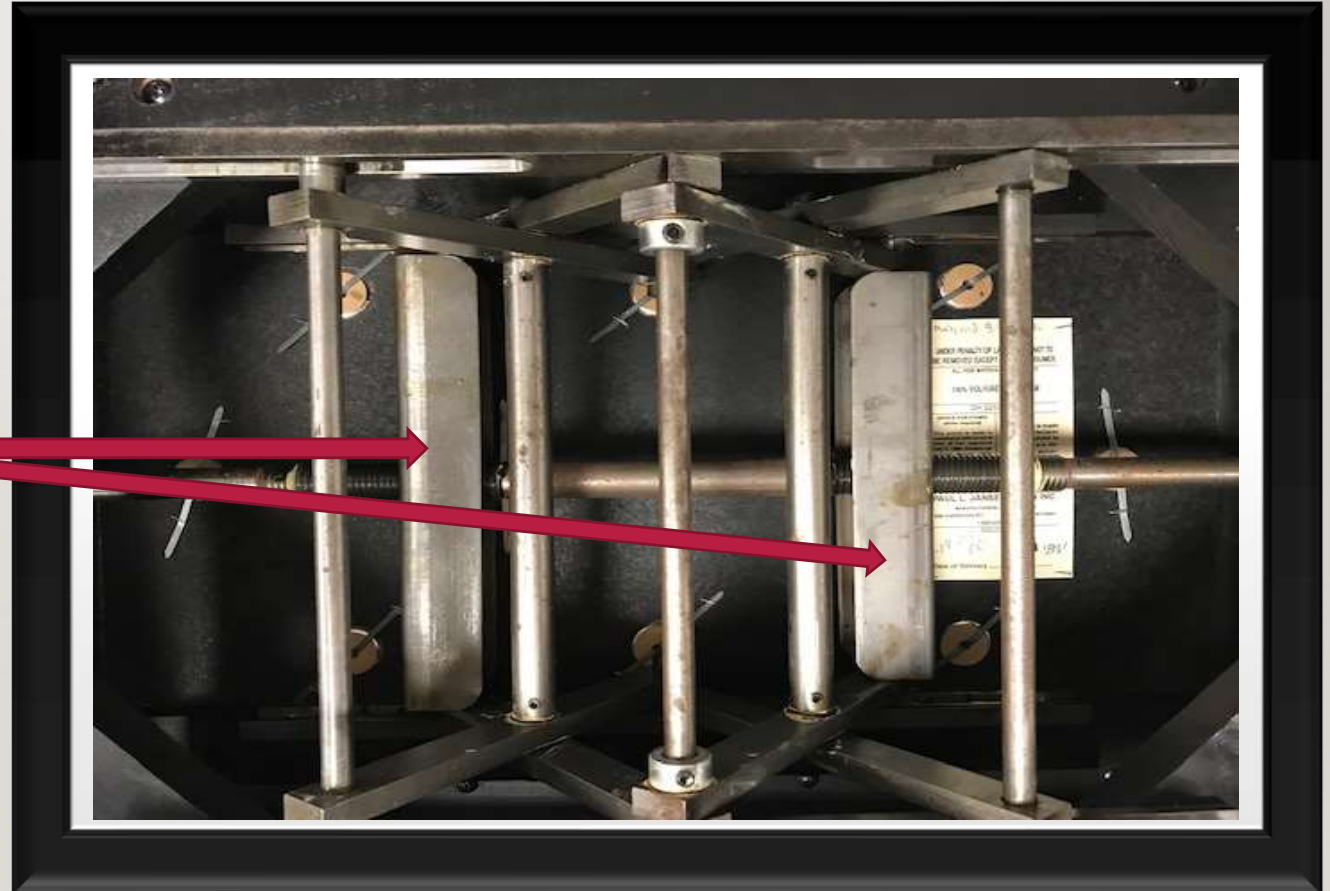


Illustrative purposes only.

ARTIST BENCH TYPES THROUGH THE YEARS

**DESIGN II CHANNEL IRON
WITH
WELDED NUT - NUT BAR**

PROVEN QUALITY
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ARTIST BENCH TYPES THROUGH THE YEARS

DESIGN III **PRECISION MACHINED NUT BAR**

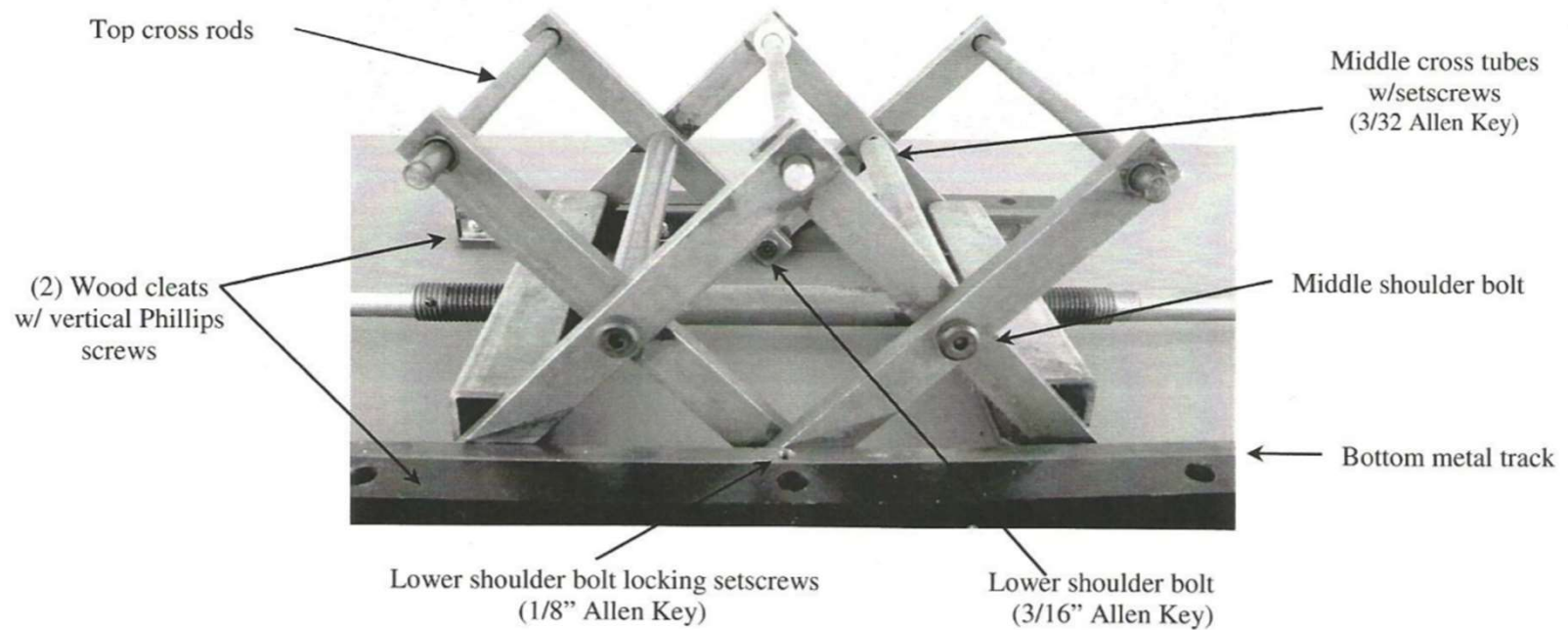
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TOOLS & SUPPLIES

- **Phillips Screwdriver (#2)**
- **Straight Blade Screwdriver (optional)**
- **3/8” Box wrench (modified) Open-Ended**
- **3/32” Allen wrench (hex)**
- **3/16” Allen wrench (hex)**
- **1/8” Allen wrench (hex)**
- **Steel Wool**
- **Parts Box (sectional box for supplies)**
- **Lithium grease**
- **Jansen Artist Bench Parts Kit**
- **Gloves – Rags – Cardboard – Masking tape & Craft Paper**
- **Shimming stock – this adds time (cardboard and/or metal)**

ANATOMY & NOMENCLATURE OF THE JANSEN ARTIST BENCH





THE JANSEN ARTIST BENCH REPAIR KIT



THE JANSEN® ARTIST BENCH REPAIR KIT

2 Shoulder Bolts	4 Large Set Screws
4 Long Bushings	4 Small Set Screws
4 Short Bushings	Instruction Sheet

Repair parts are also available individually in any quantity needed.

THE JANSEN ARTIST BENCH KIT BUSHING SPECIFICATIONS

Chrysler Manufacturing OilLite Bronze Coated Steel Bushings

OilLite is a porous bronze alloy, design, where the bushing is
impregnated with an oil lubricant

The Jansen Artist Bench incorporates these in all their Artist Benches

WHY???



WHY USE ONLY THE O.E.M. SPECIFICATION BUSHINGS?

The Metal Tracks – Top and Bottom are Hardened Steel

The OilLite - Bronze Alloy Bushings are Soft Metal
Lubrication is Continuous for the life of the bushing

The Bushings have a shorter wear cycle and are
substantially less expensive to replace.



SUMMARY OF THE STEPS

1. Look for any damages - INSPECTING ALL PARTS AS YOU GO from this point forward.
2. Remove the skirt 4 bolts – 4 wood screws (No need to remove the legs)
3. Spray Paint the Legs & Skirt (Optional IF time permits)
4. Lower the skirt onto the bench
5. Remove the Upper Rails – Bushings – Put in holding container
6. Remove Upper Cross arms Center cross arm has two collars
7. Clean all Upper Cross Arms, - Stop Collars – Supports etc.etc.
8. KEEP ALL PARTS IN AS BEST ORDER AS POSSIBLE

SUMMARY OF THE STEPS

1. Tighten ALL Wood Screws and Lower Rail Wood Screws (Follow your own decided, consistent pattern but leave no screw unchecked)
2. Repair any stripped screw holes – shoe pegs & glue
3. Lubricate – Using “custom” application device
4. Start Reassembly Procedure
5. Check for Tight - NOT TORQUED – nuts, bolts & screws
6. Stand bench up.....Take a Seat and Enjoy the Stable Bench.
7. DONE

THANK YOU

Everyone Participating in Today's Class will receive
A Certificate of Participation in today's Class

Which entitles you to
A Jansen Artist Bench - Bushing Kit
Compliments of



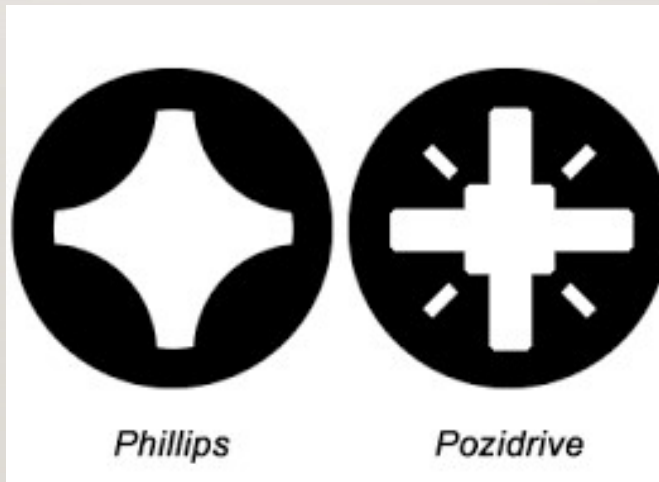
Receive your participation certificate at the front of the room

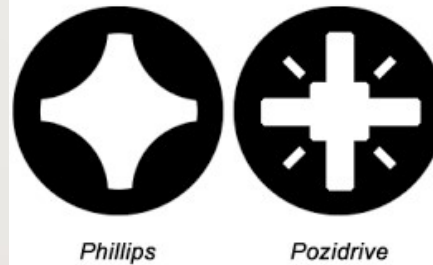
***A Special acknowledgement and thanks to Bruce Stevens, RPT & Mary Schwendeman, RPT
for their historical groundwork, insights for being my inspiration in updating of this information.***

ADDED BONUS

WORTH NOTING

PROPER PRACTICE PREVENTS POOR PERFORMANCE
DO YOU KNOW THIS ABOUT THESE SCREWS





The Pozidriv screw is an advanced version of the Phillips screw but the key differences:

- Phillips drivers have an intentional angle on the flanks and rounded corners so they will cam out of the slot before a power tool will twist off the screw head. The Pozidriv screws and drivers have straight sided flanks.

In the Pozidriv ,each the arms of the cross are parallel-sided with the Pozidriv, and tapered with the Phillips.(Look at the space between the arms)

This design is intended and decreases the likelihood that the Pozidriv screwdriver will slip out, provide a greater driving surface, and decrease wear.

Posidriv head , is very similar to look as the Phillips and unaware users end up with damaged/warped screw head.

If you use a Phillips on a posidriv you have greater chances of slippage.

If you use a posidriv on a Phillips it will shred the screw head