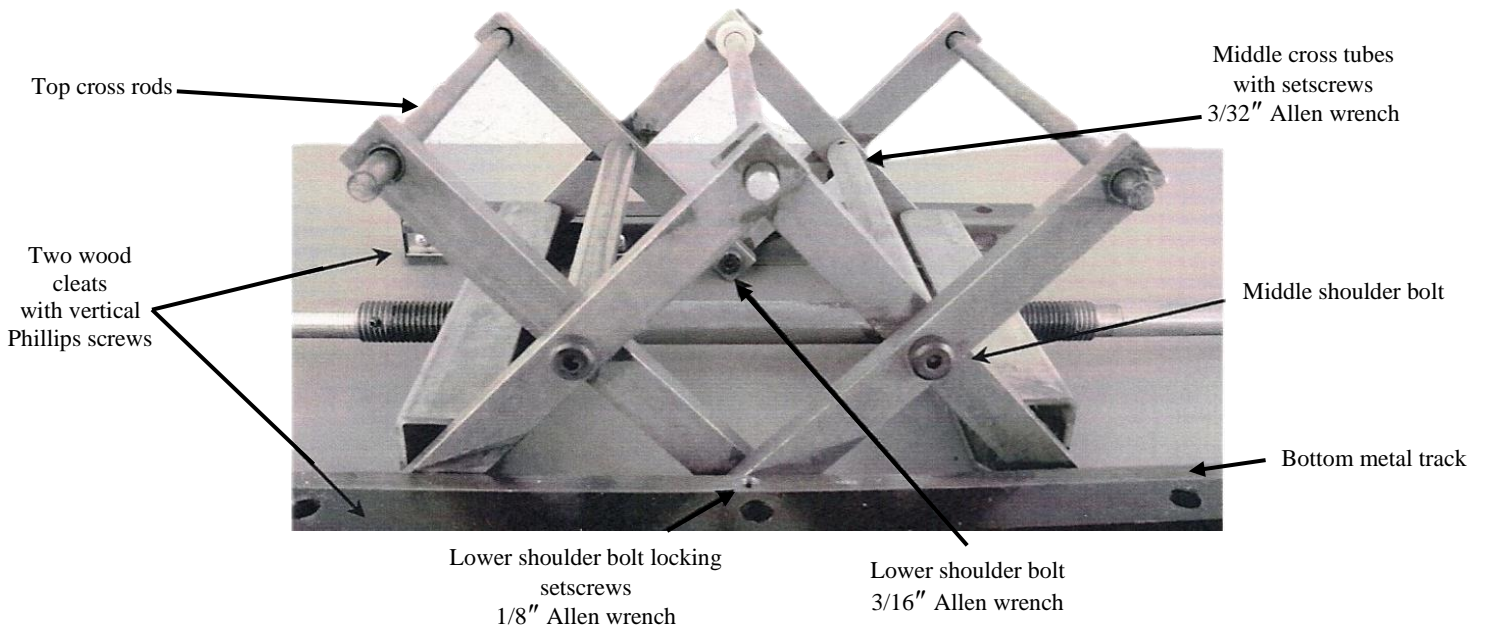
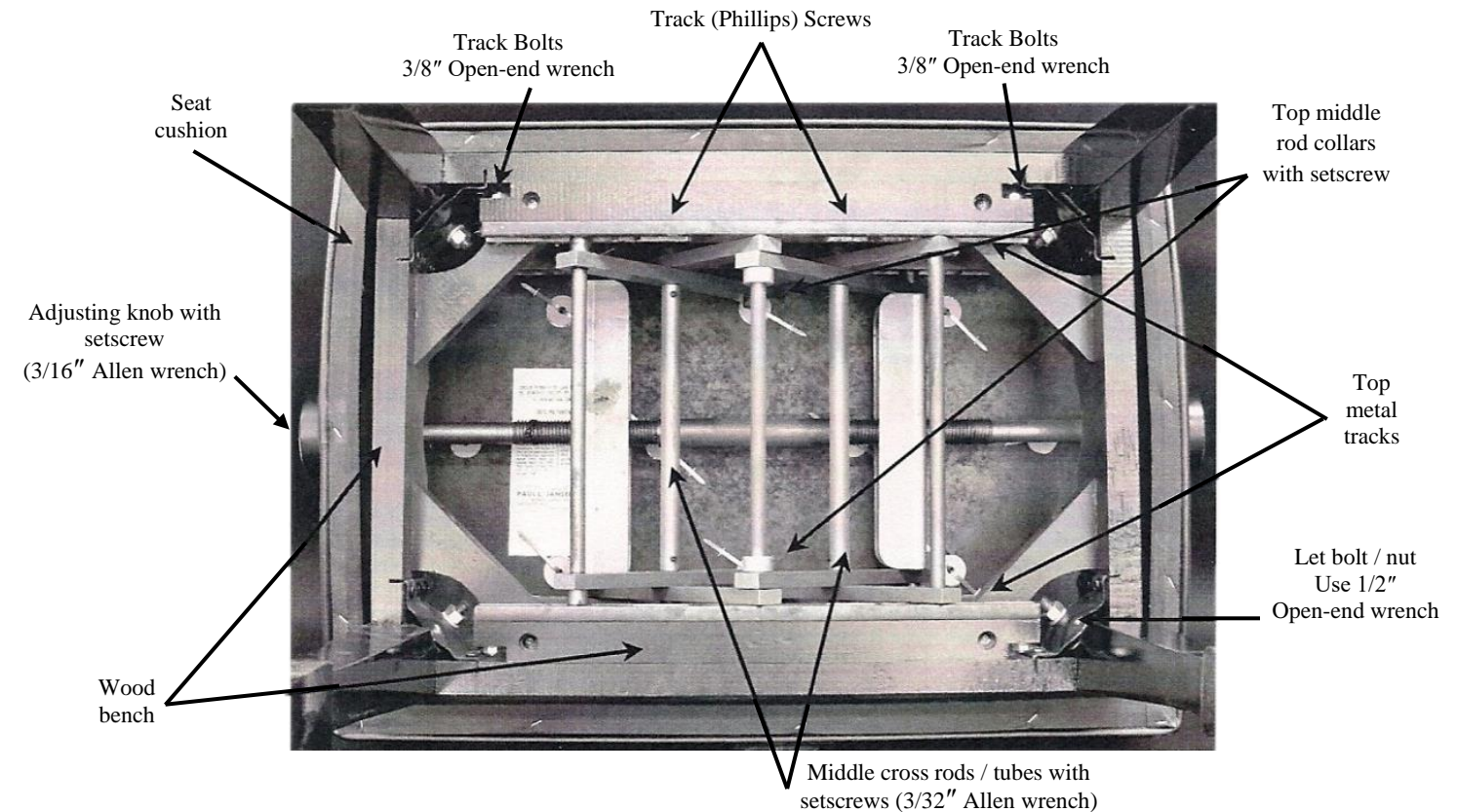


Rebuilding the Jansen Artist Bench

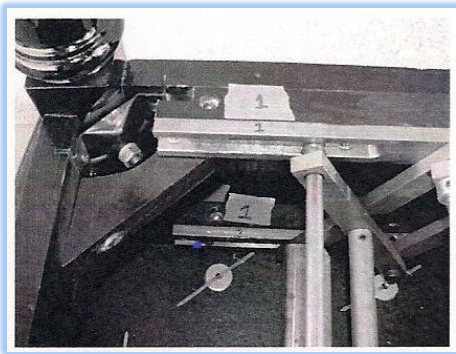
by Bruce Stevens, RPT

TOOLS NEEDED	1-Straight blade screwdriver	1-Paste lubricant, (lithium grease)	1-3/32" Allen wrench
	1-Phillips screwdriver	1-Acid brush (to apply grease)	1-1/8" Allen wrench
	1-Needle nose pliers	1-Loctite 243 (blue removable)	2-3/16" Allen wrenches
	1-3/8" Open-end wrench	1-Jansen parts kit	1-Rubber gloves, cloth, masking tape

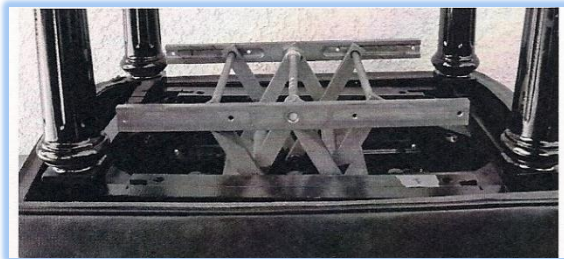
ANATOMY AND NOMENCLATURE



- 1) Place bench upside down on workbench / table.
- 2) Adjust mechanism to almost maximum height.
- 3) Loosen setscrews in adjusting knobs using 3/16" Allen wrench. Remove knobs.
- 4) Mark metal track, wood bench frame and cushion frame with tape to keep them matched.



- 5) Remove all bolts and screws (four on each side) that hold metal tracks to wood frame. Use 3/8" wrench or needle nose pliers to hold nut.
- 6) With screws removed push wood frame, with legs attached, down into bench.
 - Look for and secure shims that might be in between metal tracks and wood frame.

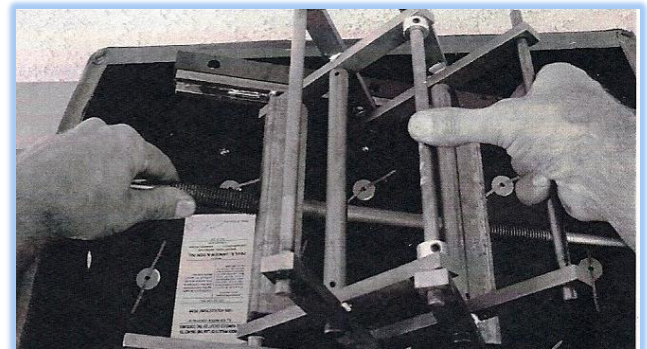


- 7) Remove both metal tracks and bushings. Lift wood frame out with legs attached and set aside.
 - Do not interchange tracks or reverse position. They will need to be reinstalled in original position.
 - The wood bench frame will need to be reinstalled in same direction as when it was removed.

NOTE: It is more difficult to lift frame with legs attached to apron.



- 8) With frame out, locate and remove (3) three vertical screws in each 1" x 1" wood cleat that attaches mechanism to underside of seat cushion bottom. **DO NOT REMOVE Phillips screws which attach bottom metal tracks to wood cleats.**
- 9) After vertical screws are removed slide mechanism to right or left. Lift out and place on bench.
 - Tighten screws which secure rails to cushion box.

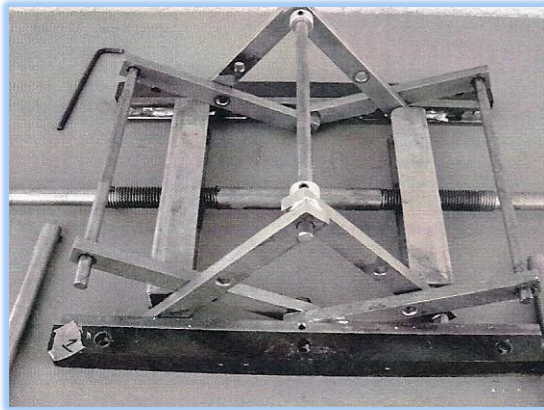


- 10) With mechanism on bench, loosen Allen setscrews 1/8" in center of upper side of both bottom tracks to remove center / lower shoulder bolts.
 - Turn mechanism upside down and remove shoulder bolt with 3/16" Allen wrench.
 - Remove metal tracks / wood cleats from 3/8" cross rods so lower bushings can be removed.

- 11) Lubricate shoulder bolts, track slots and mechanism contact points.



- 12) Install new bushings and reattach metal tracks / wood cleats on mechanism with shoulder bolts. DO NOT overtighten shoulder bolts. The “feel is to back off a “skosh” from point of bolt being snug.
- 13) Apply Loctite 243 to setscrews at center of upper side of bottom tracks. Tighten to secure shoulder bolts.
- 14) Before mechanism is reinstalled in cushion box:
- Loosen (4) four middle cross rod / tube setscrews with 3/32" Allen wrench.
 - Using (2) two 3/16" Allen wrenches, remove shoulder bolts that secure mechanism to 3/8" rod / tubes and lubricate contact points. By removing both cross rod / tubes it's easier to lubricate mechanism contact points.



- Reinstall shoulder bolts using (2) two 3/16" Allen wrenches to “snug” mechanism. The “feel” is to back off a “skosh” from point of bolt being “snug”.
- Apply Loctite 243 to setscrews and tighten with 3/32" Allen wrench.
- Tighten top middle collars if needed.

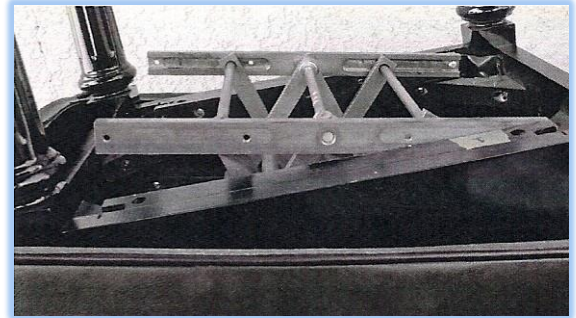
- 15) When mechanism is secure install (correct side) back in box and secure with (6) six vertical screws in wood cleats.

- 16) Lubricate top metal tracks and rod ends.
- 17) Set wood frame (correct side) inside box.

- Install new bushings on cross rods.
- Set tracks in place.

- 18) Lift one side of wood frame and insert bolts through track into frame. Install nuts and partially tighten.

- Hold nut to 3/8" open-end wrench with masking tape.
- Lift other side of wood frame and secure with the nuts and bolts.
- Install and tighten (4) four remaining Phillips screws.



- 19) Install knobs. Tighten setscrews.
- 20) Turn adjusting knobs to lower and raise mechanism several times to make sure bench is working properly.

