



#### TOOLS REQUIRED:

5/16" Allen wrench. Philips screwdriver.\*

#### HARDWARE INCLUDED:

FOR SINGLE SET OF UPRIGHTS -

Eight · 3/8-16 X .750" HHCS.

Eight - 3/8" Lockwashers.

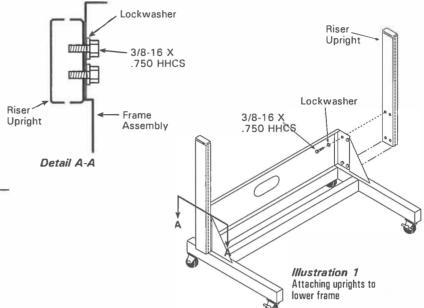
\*Four - No. 14 X 1/2" PPHSMS.

FOR DOUBLE SET OF UPRIGHTS -

Eight - 3/8-16 X .750" HHCS. Twelve - 3/8" Lockwashers. Four - 3/8-16 X 2" HHCS.

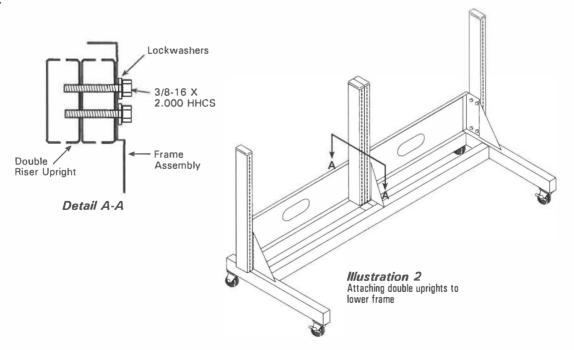
\*Eight - No. 14 X 1/2" PPHSMS.

\* Additional hardware included with full-height uprights.



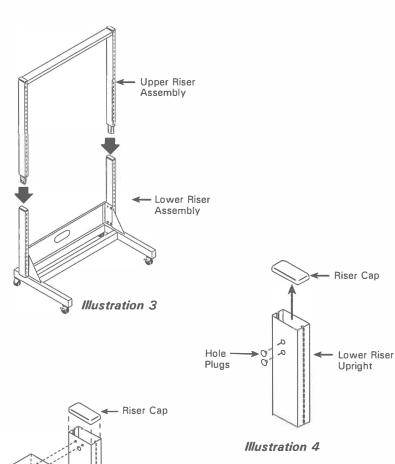
#### A. Assembling the Instrument Cart

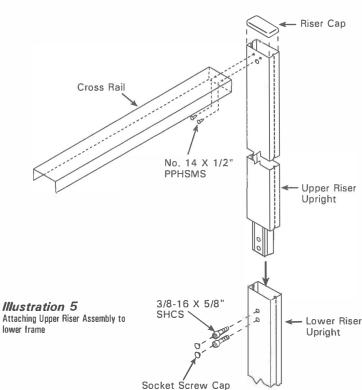
- 1. Locate riser upright assemblies. **See Illustration 1.**
- 2. Secure to lower frame using 3/8-16 HHCS as shown in Detail A-A, Illustration 1.
- 3. When attaching double riser assemblies to the cart lower base, attach the two end riser upright assemblies as described in Step 2 and attach the center two riser upright assemblies using 3/8-16 X 2" long HHCS as shown in \*\*Illustration 2\*\*.





- B. Field Installation of upper riser section to an existing lower instrument cart See illustration 3.
- First, remove riser cap and hole plugs from the top of the lower riser upright assembly. See illustration 4.
- 2. Insert the upper riser assembly and torque bolts tight.
- 3. Attach cross rail using No. 14 X 1/2" PPHSMS.
- Reattach riser caps by pressing firmly onto end of Riser. Attach socket screw caps into the socket head cap screws by pressing firmly on center of cap. See illustration 5.





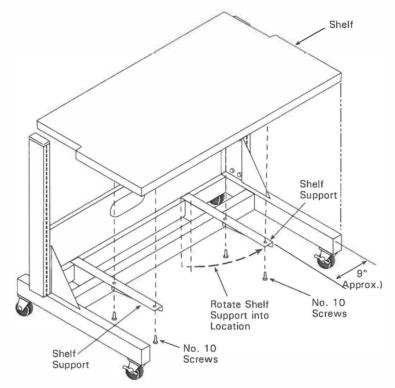


### C. Attaching Lower Shelf to Lower Cart

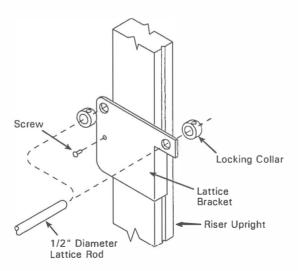
- Insert and locate shelf supports approximately 9" from the cart leg. Rotate into position as shown in Illustration 6.
- 2. Lower shelf onto supports and fasten using No. 10 screws.

### D. Attaching Lattice Brackets to Cart

- 1. Locate lattice brackets at desired height.
- 2. If the lattice bar is to be located to the rear of the riser upright (location "A"), the locking collar must be on the inside. If the lattice bar is to be located at the front of the riser upright (location "B"), the locking collar must be on the outside of the lattice bracket. A hole is provided (location "C") for inserting a No. 10 screw to lock the bracket in place when the lattice bar is located in front of the riser ("B"). See iMustration 7.



**Illustration 6**Attaching lower shelf to lower frame



**Illustration 7**Attaching upper lattice bracket to riser uprights