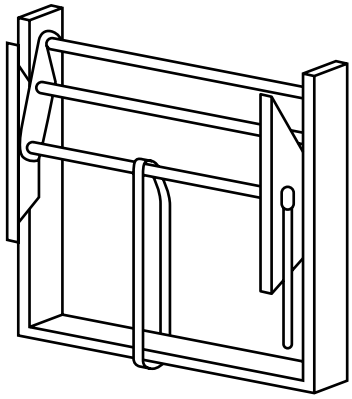
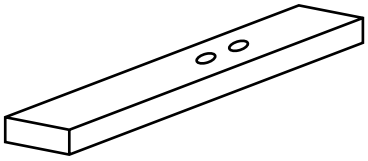
Ensign Table
Assembly Instructions

Tools Required: Phillips screwdriver, drill with 1/16" bit, measuring tape, pencil (not included)

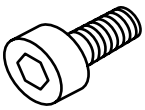
Parts Included:



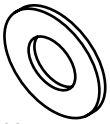
A 1pc Table Frame



B 2pcs Feet

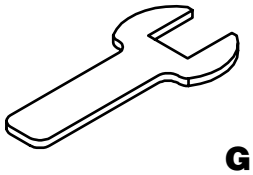


C 4pcs Foot Bolts



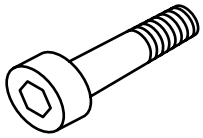
D 4pcs Washers

E 4pcs Tabletop Screws



F 1pc Wrench

G 1pc Allen Wrench 5mm
1pc Allen Wrench 10mm



H Spring Tension Bolt

Warning: Do not cut restraining cord until after reading instructions

This table is spring-loaded and might cause bodily harm if assembled incorrectly. Remove contents carefully from carton but do not cut table restraining cord until reading the assembly instructions fully and taking necessary precautions as described below.

Table Assembly

1 With the carton in the upright position, remove the table frame (**A**) and feet/hardware box as shown in ***Figure 1***. Do not cut restraining cord yet and do not release brake lever yet.

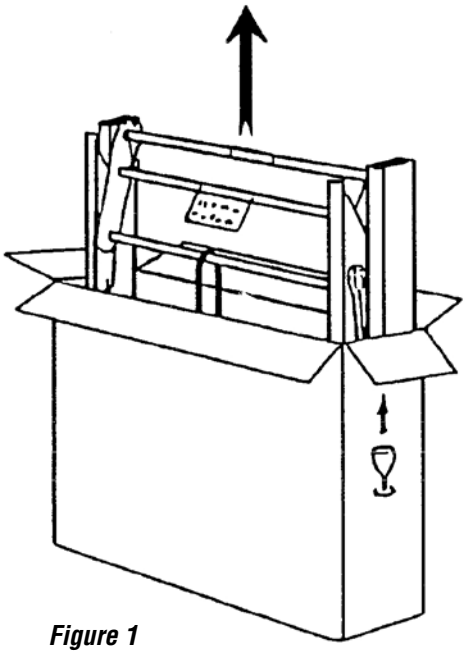


Figure 1

2 Attach feet (**B**) using foot bolts (**C**) and washers (**D**) provided. Be sure that the long ends of feet extend toward the front of the table, as shown in ***Figure 2***. Tighten bolts very securely.

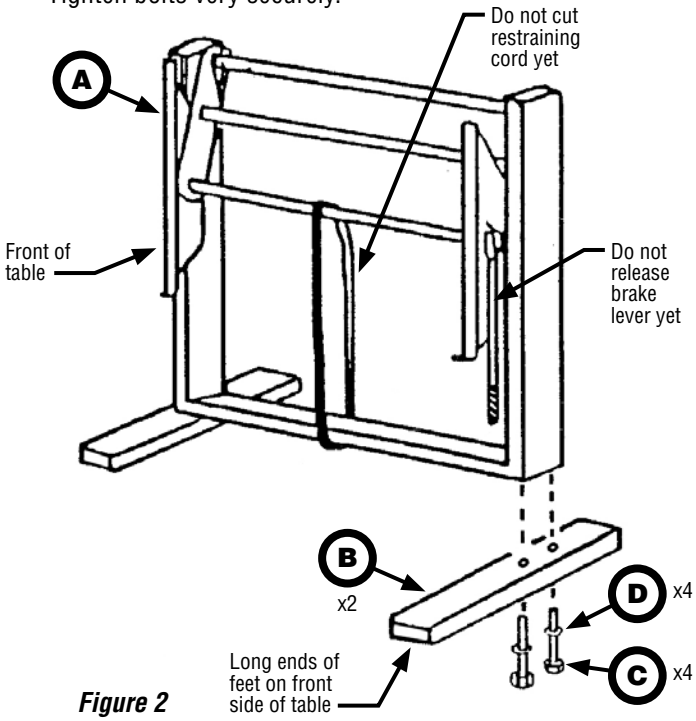


Figure 2

Table Assembly (Continued)

Warning

Table base is spring-loaded and great care must be taken in the following steps to avoid injury. Read instructions all the way through before proceeding.

Be sure you are standing behind the table, as shown in ***Figure 3***, and all other persons are standing clear.

Be sure brake lever is in the locked position, as shown in ***Figure 3***.

3 While standing behind the table, cut the restraining cord. The frame should not spring up when doing this because it is being held in place by the brake lever.

4 While still standing behind the table, place right hand on the crossbar as shown in ***Figure 3***. Grasp firmly and prepare for the bar to spring upward. Keep your head and upper body back. Do not lean over table.

5 With left hand, slowly release the brake lever as shown in ***Figure 4***. Use your right hand to guide and control the upward movement of the crossbar. Once brake lever is fully released, the upper structure of the table frame should come to rest.

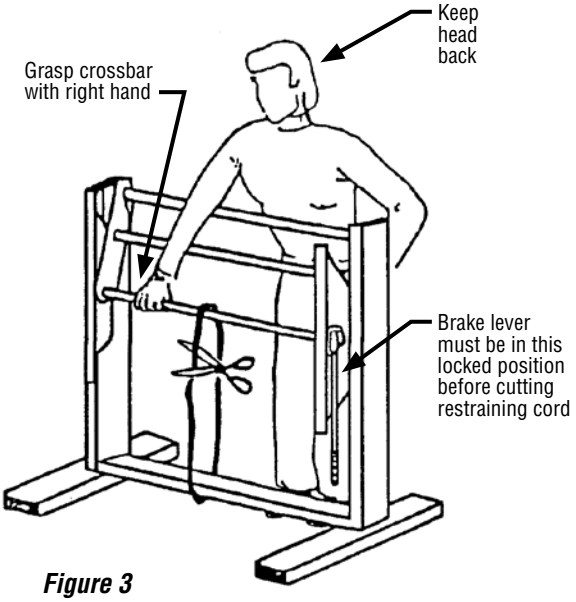


Figure 3

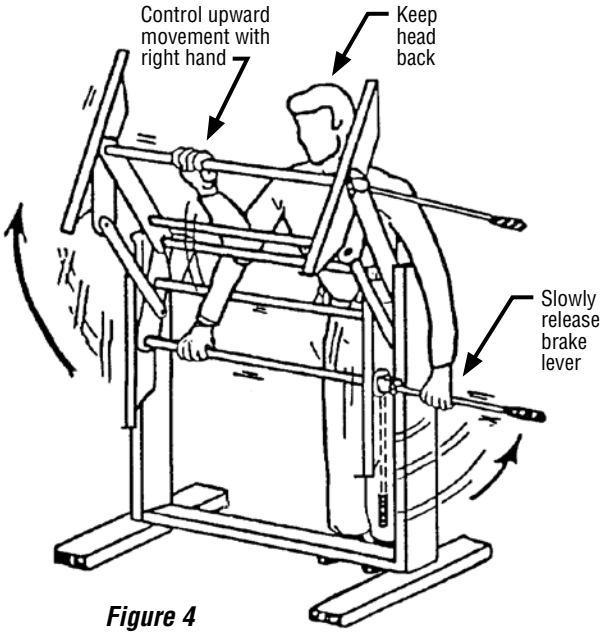


Figure 4

Attach Tabletop

6 Before attaching tabletop to base, use brake lever to lock the upper structure in a position similar to ***Figure 5***.

7 Lift tabletop and place on supports with front edge resting on the tabletop lips as shown in ***Figure 5***. This step requires 2 people to ensure tabletop does not fall to the floor.

8 Center tabletop from left to right, as shown in ***Figure 6***.

9 Using tabletop screws (**E**), attach tabletop to supports as shown in ***Figure 7***. For best results it is recommended that holes be started with an awl or drill. Use great care not to drill all the way through board.

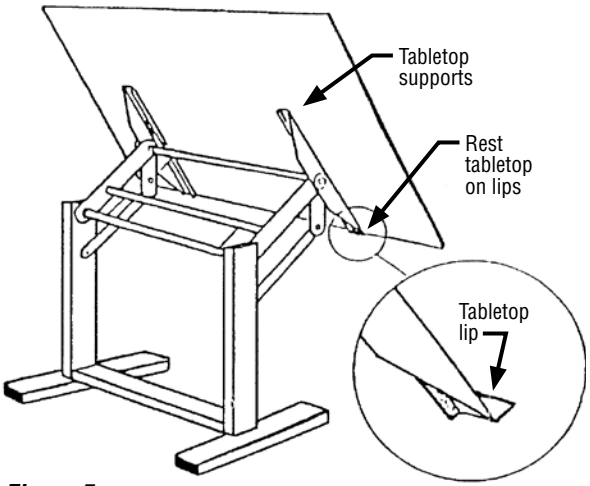


Figure 5

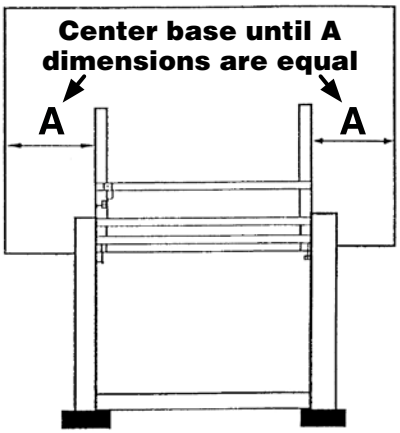


Figure 6

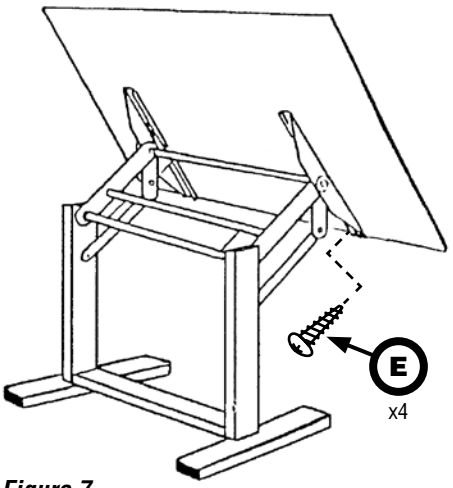


Figure 7

Table Adjustments

The Ensign table is designed to accommodate a variety of tabletop sizes and weights. For best results, it is likely you will have to make spring and tension adjustments before using your table.

There are 2 springs that control the functions of the Ensign table:

1. The spring inside the left leg controls the lift strength
2. The spring under the tabletop controls the tilt strength

Please refer to ***Figure 8*** and ***Figure 9***.

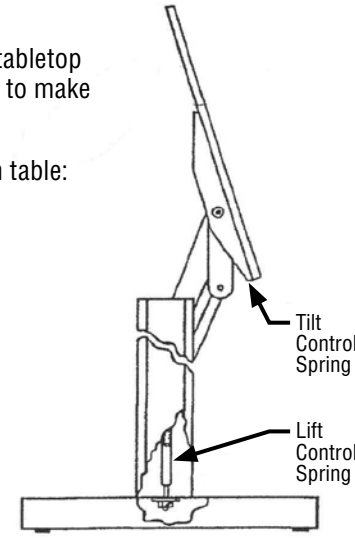


Figure 8

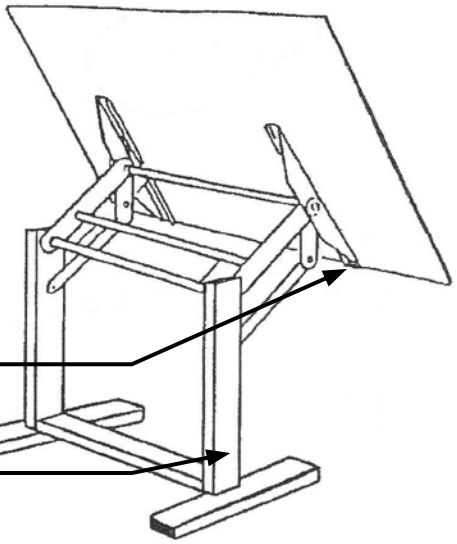


Figure 9

Lift-Strength Adjustment

The tabletop should rise gently to its uppermost position when the brake lever is released. If it rises too quickly or fails to rise completely, adjust the Lift Control Spring as follows.

1 Release brake lever on right side of table. This allows both springs to return to their natural, relaxed positions.

2 Elevate the left foot to gain access to the Lift Adjustment Nut as shown in ***Figure 10***.

3 Using the wrench provided (**F**, 17mm), tighten the Lift Adjustment Nut to increase the lift strength or loosen the Lift Adjustment Nut to reduce the lift strength. This procedure will take some trial and error to reach the desired spring tension.

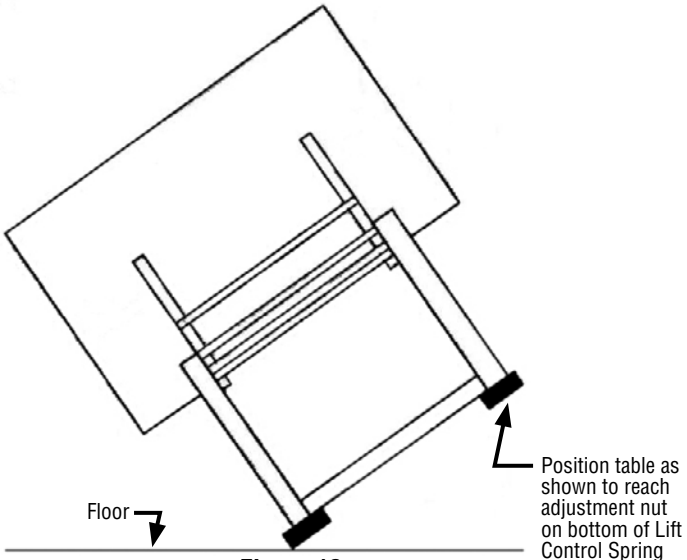


Figure 10

Tilt-Strength Adjustment

The tabletop should tilt gently from the horizontal position to the near-vertical position when the brake lever is released. If it tilts too quickly or fails to tilt completely, adjust the Tilt Control Spring as follows.

1 Release brake lever on right side of table. This allows both springs to return to their natural, relaxed positions.

2 Using the Allen wrench provided (**G**, 5mm), tighten the Tilt Adjustment Bolt to increase the tilt strength or loosen the Tilt Adjustment Bolt to reduce the tilt strength as shown in ***Figure 11***. This procedure will take some trial and error to reach the desired spring tension.

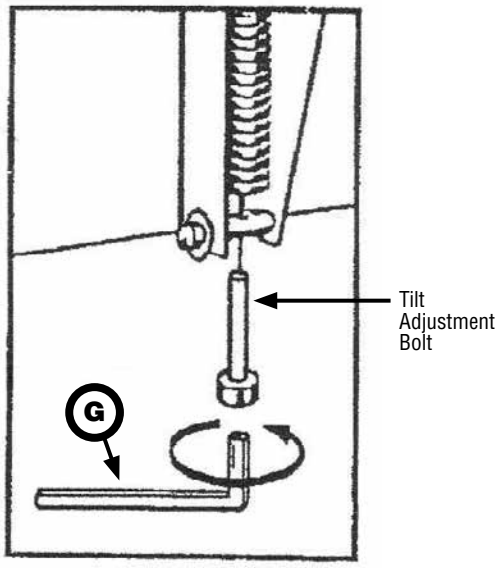


Figure 11

Brake Control Adjustment

The brake lever should hold the tabletop firmly at any height or tilt position. If it fails to do so, follow this procedure to increase the braking strength. Please refer to ***Figure 12***.

1. Release the brake lever
2. Loosen the outer nut, A, a few turns. (No need to remove all the way)
3. Tighten inner nut, B, one revolution
4. Return brake lever to the locked position and test to see if tabletop holds firmly in desired position. If not, release brake and tighten nut B additional revolution(s). This procedure will take some trial and error.
5. Once desired brake-locking strength is reached, tighten nut A firmly up against nut B. Use care not to rotate nut B while doing so.

After extended table usage, the brake-lock strength will gradually diminish and it will be necessary to repeat this procedure.

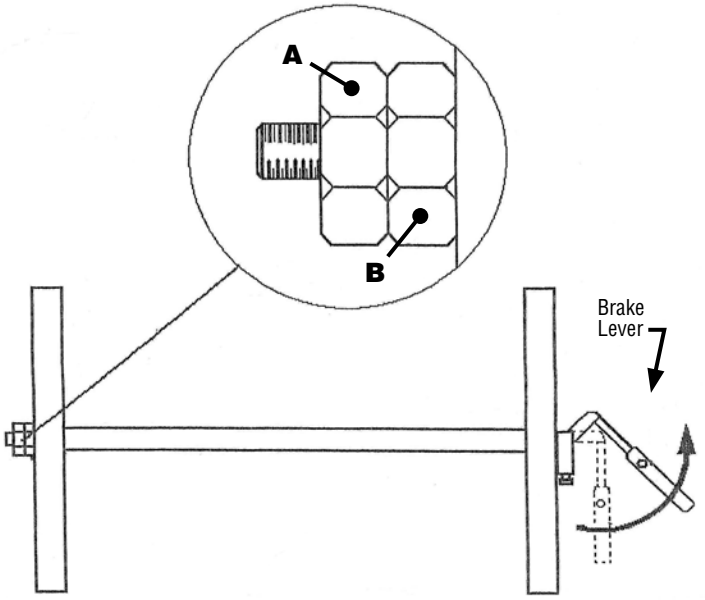
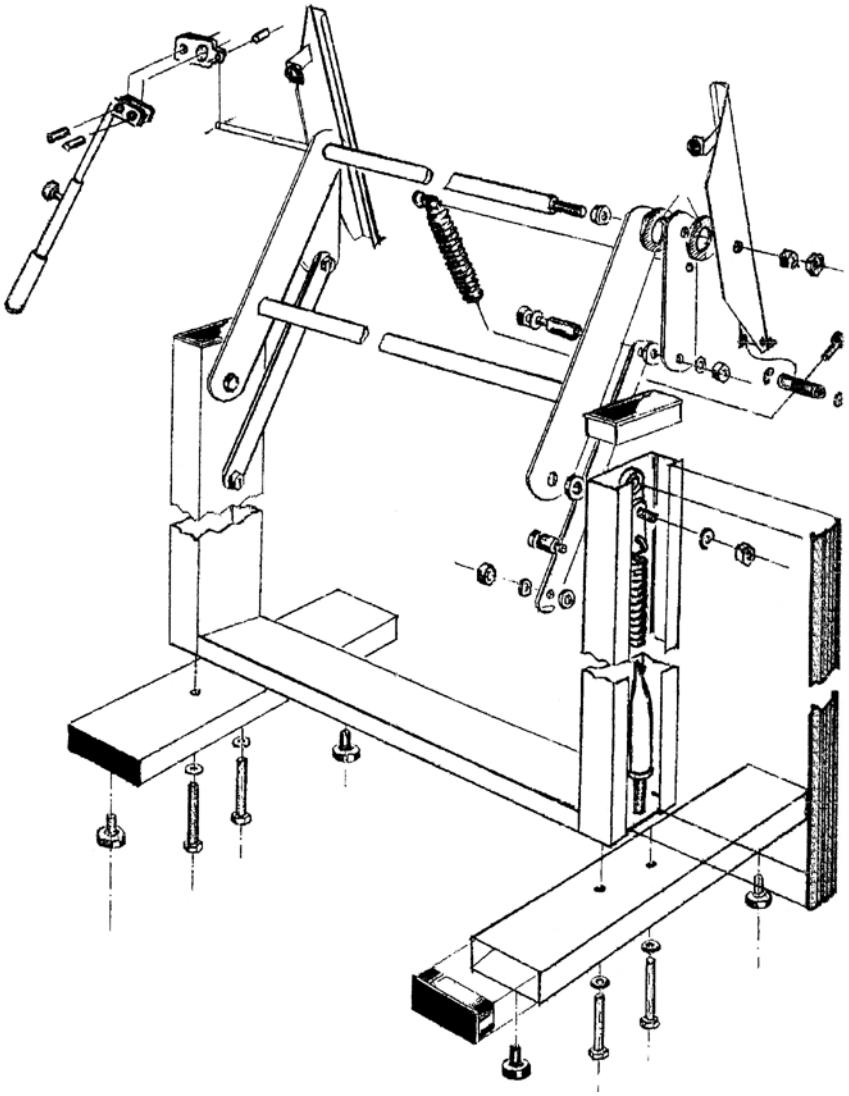


Figure 12



ENSIGN MODELS	
31" x 42"	36" x 48"
EN42-3 EN42-4	EN48-3 EN48-4

Please save these instructions for future reference

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