

# Silver Eagle Corp



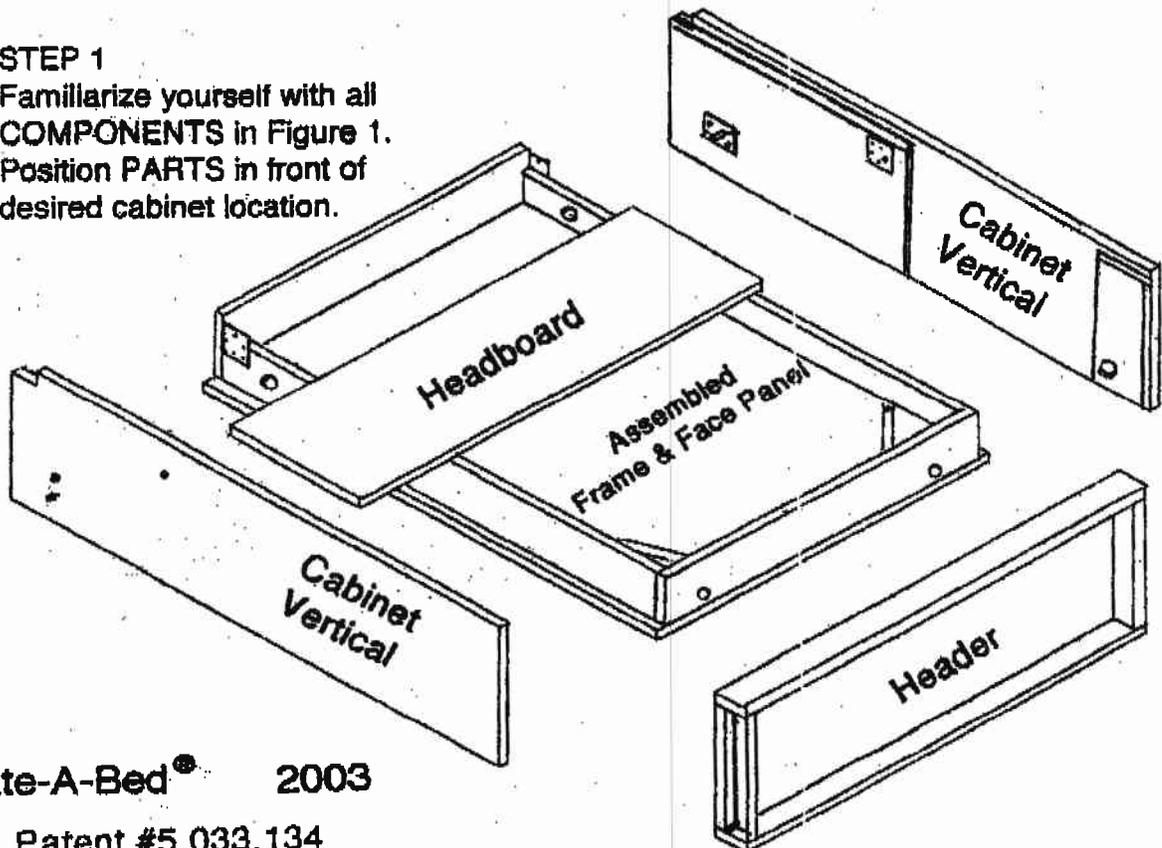
Assembly Instructions for the  
VERTICAL (upright) Wallbed

If you have ANY questions, call **TOLL FREE (877) 966-3852**

Tools needed: Power drill, Stud Finder, Tape Measure, Phillips-head screwdriver, Flat-head screwdriver, clamps and drill bits appropriate for your mounting surface see step 15 on page 7.

## STEP 1

Familiarize yourself with all  
COMPONENTS in Figure 1.  
Position PARTS in front of  
desired cabinet location.



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U.S. Patent #5,033,134

## ADDITIONAL HARDWARE

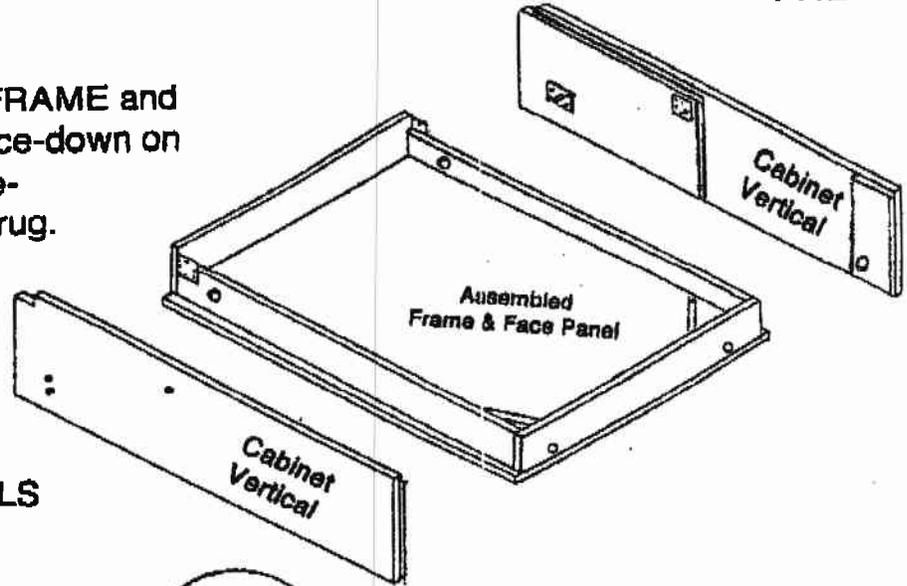
22 - 1 1/4" Wood Screws

4 - 3" Wood Screws

## WARNING!

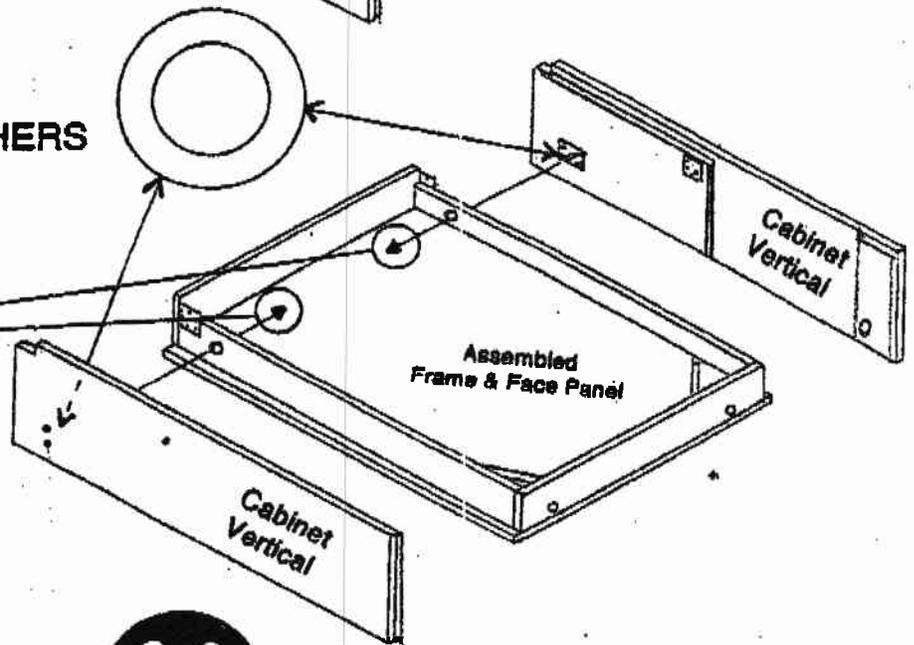
This bed contains stored mechanical energy which can cause serious injury if improperly handled. Your bed **MUST! MUST!** be securely anchored to the wall!

**STEP 2:**  
Lay assembled FRAME and FACE PANEL face-down on a padded surface- i.e., a blanket or rug.



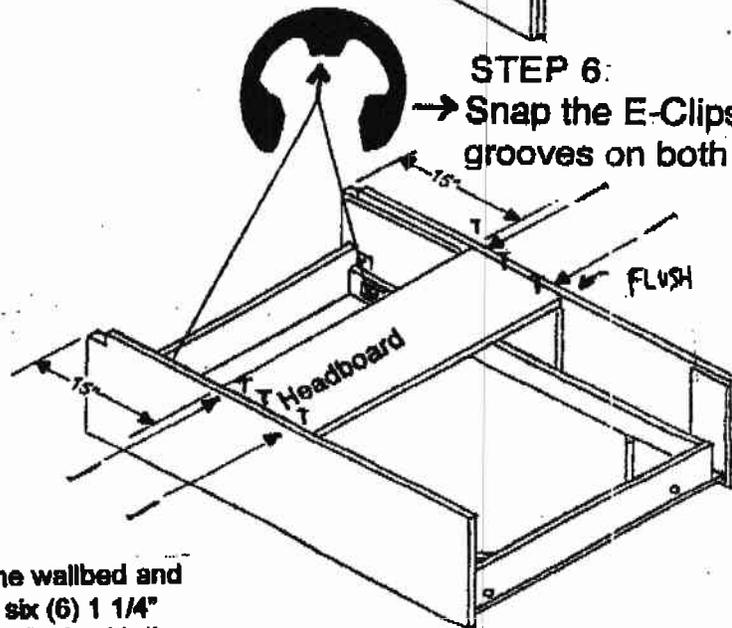
**STEP 3:**  
Lay CABINET VERTICALS on finished (front) edge as shown.

**STEP 4:**  
Slide PLASTIC WASHERS onto PIVOT BARS.

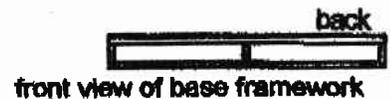


**STEP 5:**  
Slide PIVOT BARS into PIVOT HOLES in bed frame until no gap remains between bed frame and verticals.

**STEP 6:**  
Snap the E-Clips in the grooves on both pivot bars.



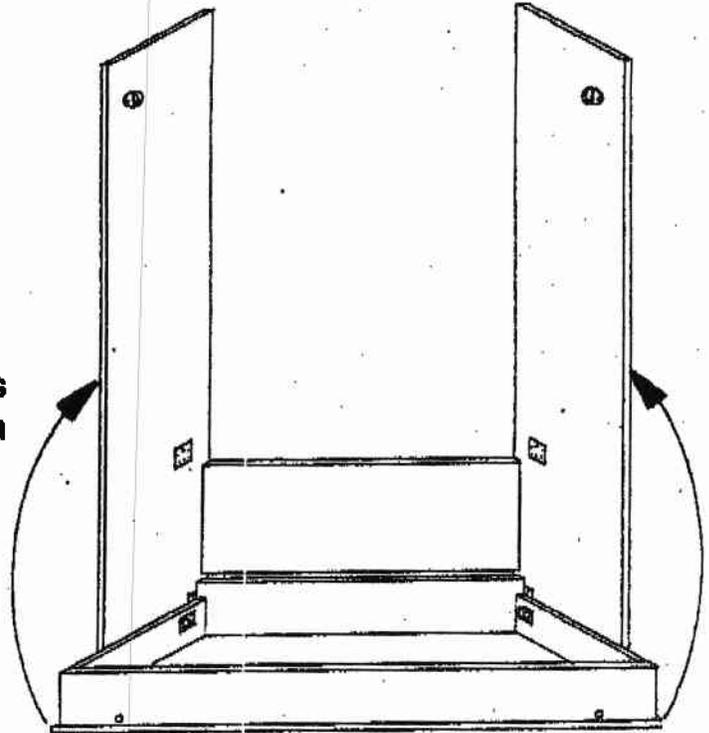
**STEP 7:**  
Measure up 15" (inches) from end of vertical and screw the headboard into place as shown using eight (8) 1 1/4" screws. Then install unfinished base framework. It should be flush with the front of the wallbed and attaches to both sides with six (6) 1 1/4" screws. (Note: it will not be flush with the back of wallbed if you have a baseboard on the bottom of your wall.)



**STEP 8:**

With the **BED FACE PANEL** remaining face-down on padding, slowly and carefully rotate the **CABINET VERTICALS** & the **HEADBOARD** assembly into its upright position.

**NOTE:** To prevent damage to the legs be sure they are in the closed position when rotating the bed into the upright position.

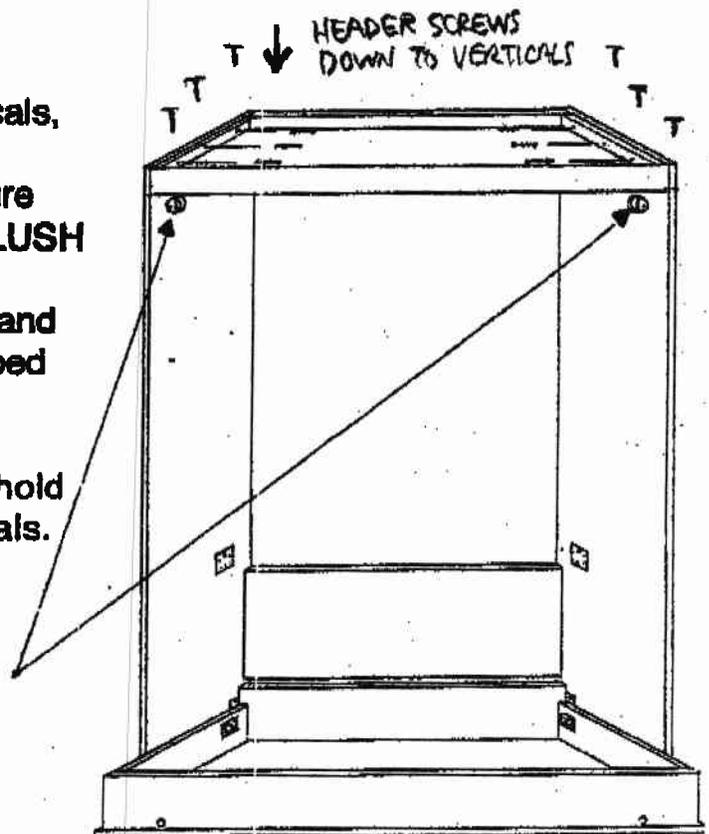
**STEP 9:**

Place the header between the bed verticals, making sure the nailed rail is in front, and the screwed rail is in the rear. Be sure top front and top rear of the header is **FLUSH** with the top front and top rear of the bed verticals. Using #8 x 1-1/4" screws, drill and screw through mounting cleats into the bed verticals, ~~three~~ (3) on each side.

**NOTE:** Clamps may be very helpful to hold the bed header between the bed verticals.

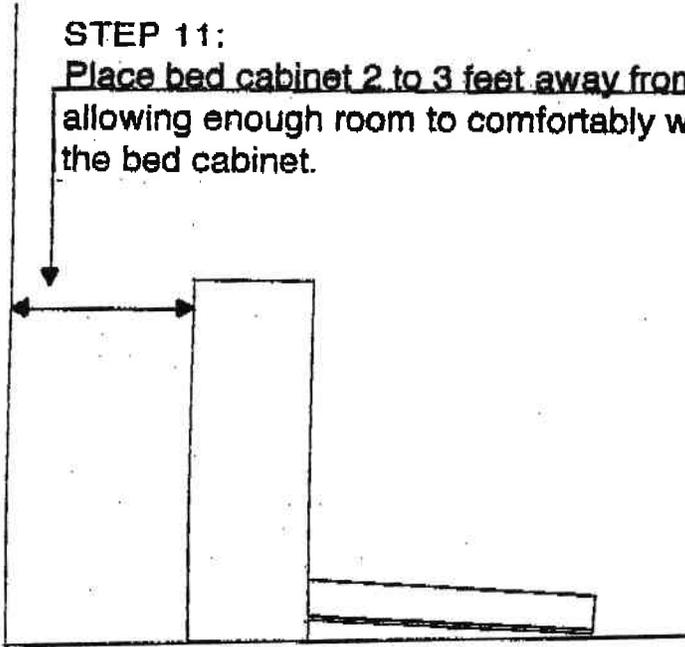
**STEP 10:**

Remove the two (2) bed stops from inside of bed cabinet.



**STEP 11:**

**Place bed cabinet 2 to 3 feet away from the wall, allowing enough room to comfortably work behind the bed cabinet.**

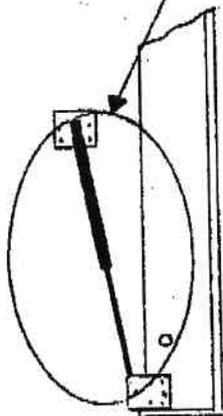
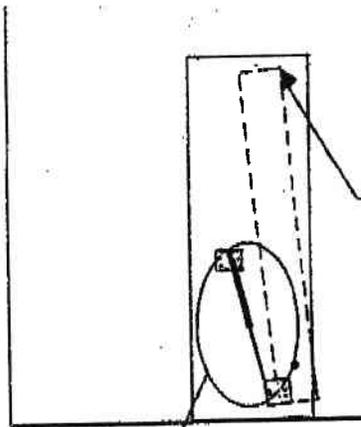


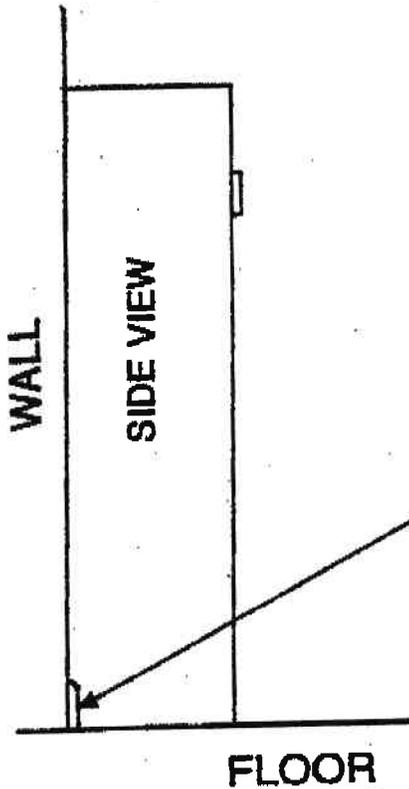
**STEP 12:**

**With a helper holding the bed cabinet, allow the bed to recess back into the cabinet about three (3) inches.**

**At this point, the piston can be installed. Simply snap the piston on the bottom (bed frame) end first - then the top (bed cabinet) end.**

**BE SURE TO ORIENT PISTON CORRECTLY by referring to the label on each piston. ("MOUNT THIS END UP")**



**STEP 13:**

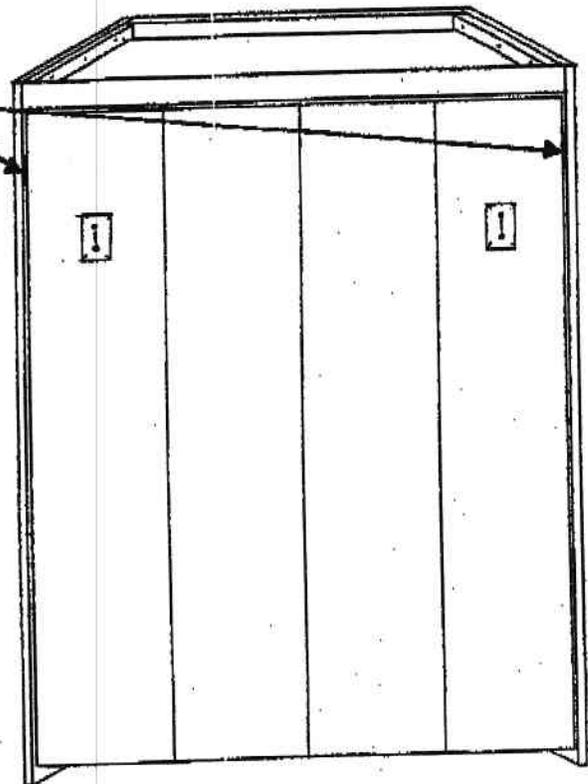
If the room has existing base molding, make a cut at the bottom rear of the cabinet verticals to accommodate the existing base molding.

If room does not have base molding, simply place cabinet flush against wall.

**STEP 14:**

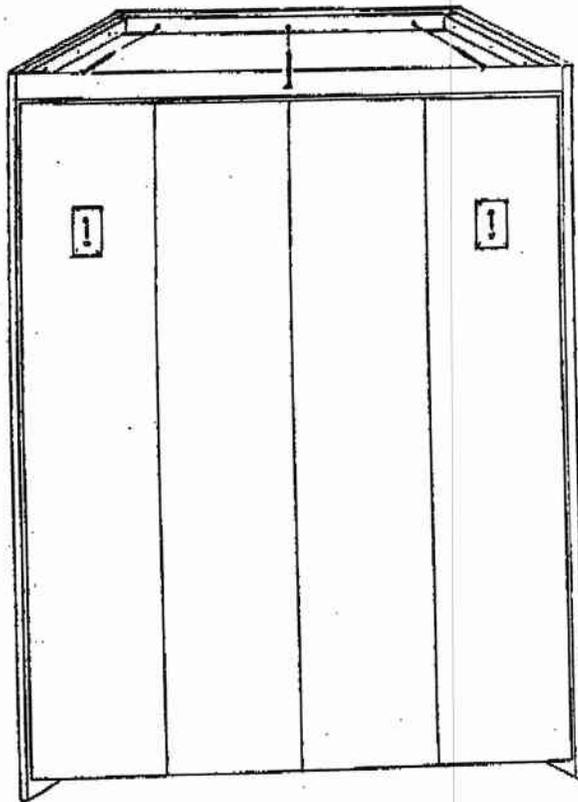
After assuring that the top and bottom of the bed cabinet are against the wall, center the face panel between the verticals by placing a piece of folded cardboard between the face panel and each of the two verticals as illustrated.

**NOTE:** The face panel is still recessed inside the cabinet.



**STEP 15 IS VERY, VERY IMPORTANT!!! YOUR BED MUST BE SECURELY AND CORRECTLY ANCHORED TO THE WALL to assure proper operation and to avoid possible injury.**

**NOTE: When the bed is lowered, it wants to pull the bed cabinet down with it, so the bed cabinet MUST be securely anchored to the wall using the correct fasteners for your type of wall.**



**See STEP 15 on PAGE 7 for Anchoring Instructions** →

## **STEP 15: MOUNTING THE BED CABINET TO THE WALL**

If the wall has **WOOD studs**, use **3" COARSE THREAD drywall screws** or **3" lag screws**:

Locate and mark the centers of the studs in desired wall location using a good studfinder.

Drill three (3) pilot holes through the rear rail of the Bed Header into the wall for a twin or full size bed and four (4) for a queen size bed.

Drive three (3) 3" drywall screws or lag screws through the rear rail of the Bed Header into the studs for a twin or full, and drive four (4) screws for a queen size bed.

If the wall is **CONCRETE, MORTAR OR BRICK** construction, use **masonry screws** :

Drill three (3) pilot holes through the rear rail of the Bed Header into the wall for a twin or full size bed and four (4) for a queen size bed.

Using a 5/32" 4" concrete drill bit, drill through the pilot holes into the wall two (2) inches deep. Anchor the bed by screwing 3/16" x 2 1/4" masonry screws through the rear rail of the Bed Header into the wall.

If the wall has **METAL studs**, use **3/16" x 4" toggle bolts** :

Locate and mark the centers of the studs in desired wall location using a good studfinder.

Drill three (3) pilot holes through the back rail of the Bed Header into the wall for a twin or full size bed and four (4) for a queen size bed.

Using a 9/16" drill bit, drill holes at the pilot holes through the metal studs. Be sure you drill through the studs. Insert the toggle bolt screws through the pilot holes in the rear rail of the Bed Header. Now thread the toggle wings on the screws. Fold the wings back completely and push the wings through the metal studs until the wings spring open. Pull the Header Rail back to hold the wings against the inside of the stud and tighten the screws with a screwdriver.

**STEP 16:**

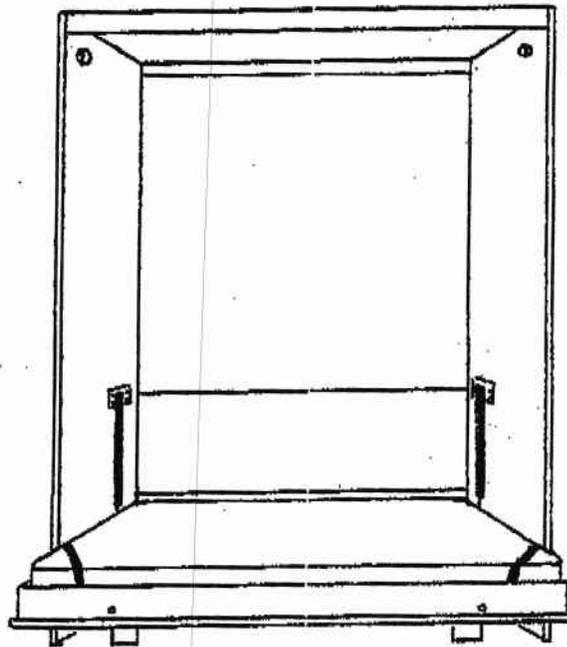
Holding the **BED FACE PANEL** in the down position, place the innerspring mattress on the bed and secure with **ELASTIC RETAINING STRAPS**.

**NOTE:** When lowering the bed without the counter balance of the mattress it may seem very difficult... do not be concerned, once the mattress is placed on the bed it will function easily.

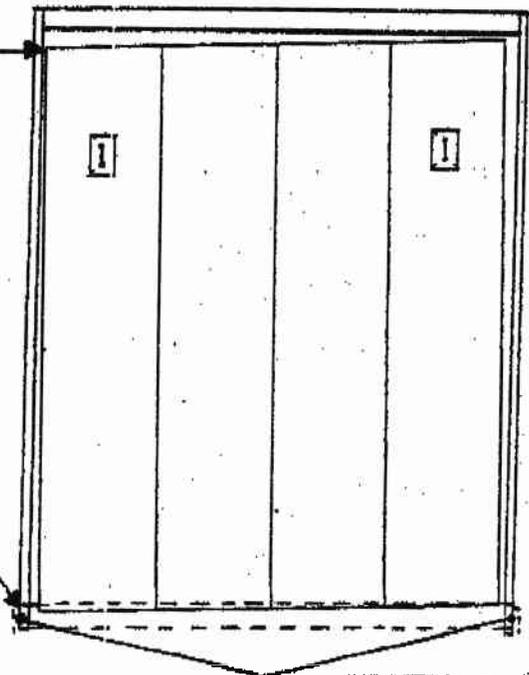
If the mattress is lightweight and the bed has a tendency to float off the floor, simply add some weight-i.e.- a piece of particle board, wood, etc. inside the bed frame at the end of the bed to counter-balance.

**STEP 17:**

Replace the bed stops and screws.



Narrowest Gap

**STEP 18:**

Close bed. If the gap around the bed is uneven, push or gently kick the base of the **CABINET** on the side with the **NARROWEST** gap until desired gap is obtained.

**STEP 19:**

Close the bed. Apply base molding from outside of vertical to outside of vertical. Run four (4) 1 1/4" screws from behind through the base framework into the back of the base molding.

# PROBLEM SOLVING

**Q:** The piston won't hand-compress... has it "frozen up?"

**A:** The design and construction of the piston's internal parts won't allow it to "freeze up." Each piston contains as much as 240 pounds of pressure, so they CANNOT be compressed by hand. Please refer to the ASSEMBLY BOOKLET, page 4 - step 12.

**Q:** The bed is very hard to open and it wants to spring closed.

**A:** Your mechanism is designed to have the optimum mechanical leverage to comfortably raise and lower the bed. Place the mattress on the bed. The mattress is the counter-balance, i.e., This is what offsets the force of the piston.

**Q:** I've assembled the bed and attached it to the wall, but the bed face panel sags out of the cabinet... what do I do now?

**A:** The mounting positions of the upper or the lower ball stud plates are incorrect. Check your measurements on PAGES 9, 10 and 20. Remember... the measurements in the white (particle board) book ARE DIFFERENT from the measurements in the yellow (plywood) book. IF the face panel sags out of the cabinet and you FORCE it closed you will damage the head of the piston.