

## Sofa Drawer

1. This drawer was dimensioned to fit under the sofa of my '99 37V. I had a clear width between the couch support bolts of a little over 70". The max height for the drawer assembly was 5 3/4" (governed by the bar that runs across the front of the couch). The max clear depth (front to rear) was 31". I would suggest you check your own couch to make sure the dimensions are the same.

2. Remove the front leather trim flap and remove the "U" hooks from the backside of the flap.

3. There are seatbelts underneath the couch. I removed mine. An alternative is to roll the seat belts up and secure them with a rubber band. If you elect to leave them in place, check the "clear depth" to make sure you have 31", since the rolled up seat belts may interfere with that dimension. If they do, make the drawer a little less deep.

### 4. Material required:

a. 1 4x8 sheet of 1/2" Paraply plywood. I found Paraply at the local Home Depot. It is very flat, very dimensionally stable, has no voids, has two good surfaces, and has about 7 or 8 plies like marine plywood.

b. Red Oak 1x2x36" for center stiffener

c. 1 qt Minwax Polycrylic satin water based varnish.

d. Titebond wood glue

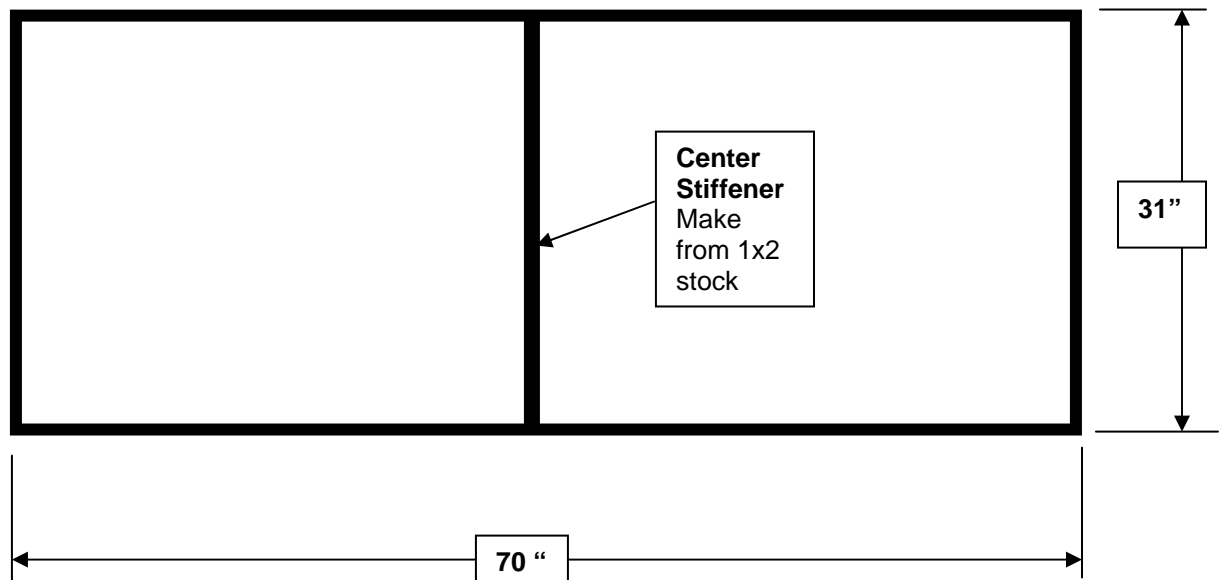
e. One set of Liberty double extension ball bearing heavy duty drawer slides. I think I used 24" slides, which were the longest I could find. If you can get 30" slides, use them.

f. Miscellaneous brads and screws

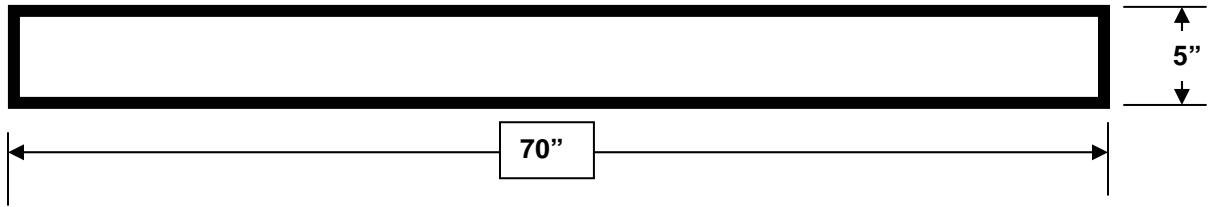
g. Three oak drawer pulls (Home Depot). Don't have a part number. They are oval in shape and are unfinished. Stain them with Minwax cherry stain # 235 and then use the Minwax satin varnish and they will match the coach well.

### 5. Drawings:

#### Top View



Front View



Cutting 4x8 sheet Paraply

Front 5 ¼ x 69 ½		Extra
Back 5 ¼ x 69 ½		Extra
Left Side 5 ¼ x 31	Rt Side 5 ¼ x 31	Extra
Bottom 69 ½ x 30 ½		Extra

Extra →

Construction Details:

a. Cut a ½" wide by ¼" deep dado on bottom edges of the Sides and Front and Back so that the bottom sets flush into the "box" formed by the assembled sides, front and back. Use 1" brads and lots of glue to hold this all together.

b. After glue has dried, turn over and put in the 1x2 oak center stiffener to keep the bottom from sagging. Stiffener goes in the center of the drawer and cut to fit between front and back. Secure with screws to bottom and front and back.

**c. Mount the drawer slides flat on the bottom of the drawer about 23" in from each side.**

**d. Slide the assembled drawer under the couch. Be sure the front face of the drawer is plumb with the steel 1" square tube that runs across the front of the sofa. Holding slides in place, pull drawer out a little and secure the bottom slide to the floor or the slide room. Suggest using hand screwdriver – the wood in the slide room floor is very thin and power tools will strip the threads. Pull drawer out some more and put in two more securing screws. At this point the drawer should move in and out pretty easily. If it doesn't, something is mis-aligned or binding. Stop and fix it.**

**e. Mount the leather trim panel to the front of the drawer by drilling thru the drawer front from the inside and screwing into the back of the leather trim piece.**

**f. Mount pull handles in three places on the front of the leather trim piece. Mark holes, drill thru and put in screws from the back.**

**g. Make a "Securing Stick" so that the drawer won't slide out when traveling. I used a left over piece of parapy about 3" wide by 6" long. Cut a notch so it slips over the center support and reached up behind the 1" square tube across front of couch. Used 2 blocks on the center support to hold it in place. To use this, I lift the couch front and slip the "lock" in place and drop the couch front. Works great.**

**Good luck,**

**Fred White**