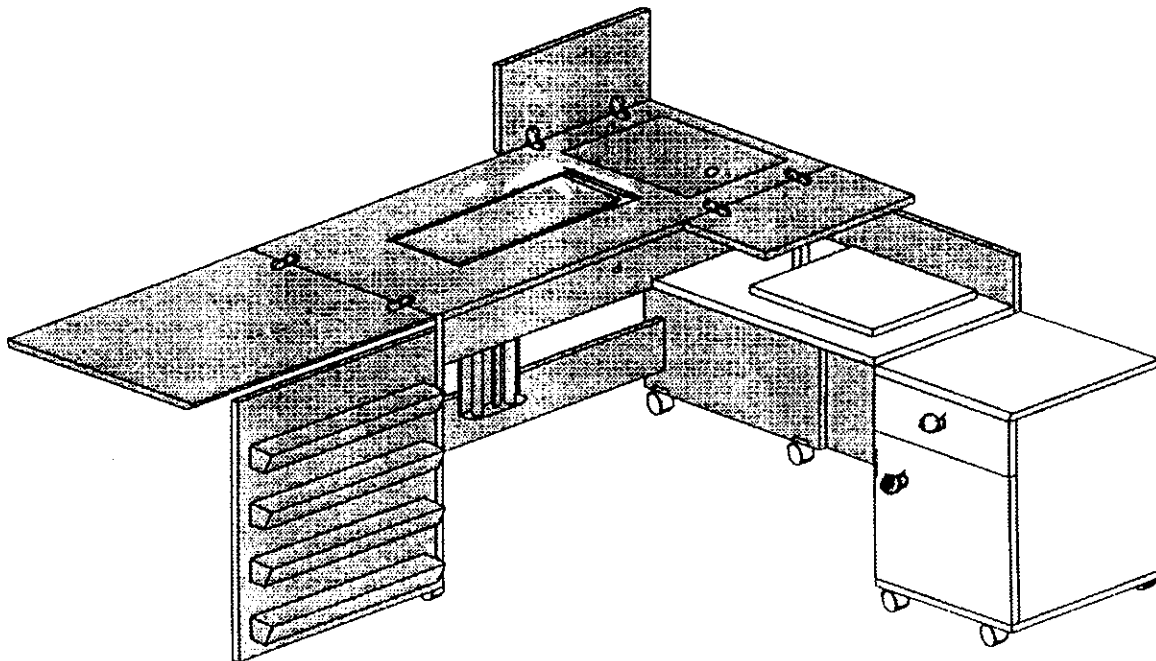


# ARROW LINE

## DUAL SEWING CENTER

(Desk Only)



Model Number: 272.98400.490 (Oak)  
272.98401.490 (White)

## Assembly Instructions and Parts List

**IMPORTANT:** Please read these instructions before assembling desk.  
Assemble contents of carton #1 of 3 and #2 of 3 first.

98400-FC  
98401-FC

**Notice to Customer:**

Before beginning assembly, remove all parts from the carton. Check closely with illustrations below to determine that all the parts are included.

For assembly or operating assistance, or to report any missing or damaged parts, you may call or write to:

1-800-533-7347

**API Specialty Furniture**

(A division of ARROW Products Inc.)

P.O. Box 410, Elkhorn, WI 53121

TO ORDER REPLACEMENT PARTS CALL

**1-800-366-7278**

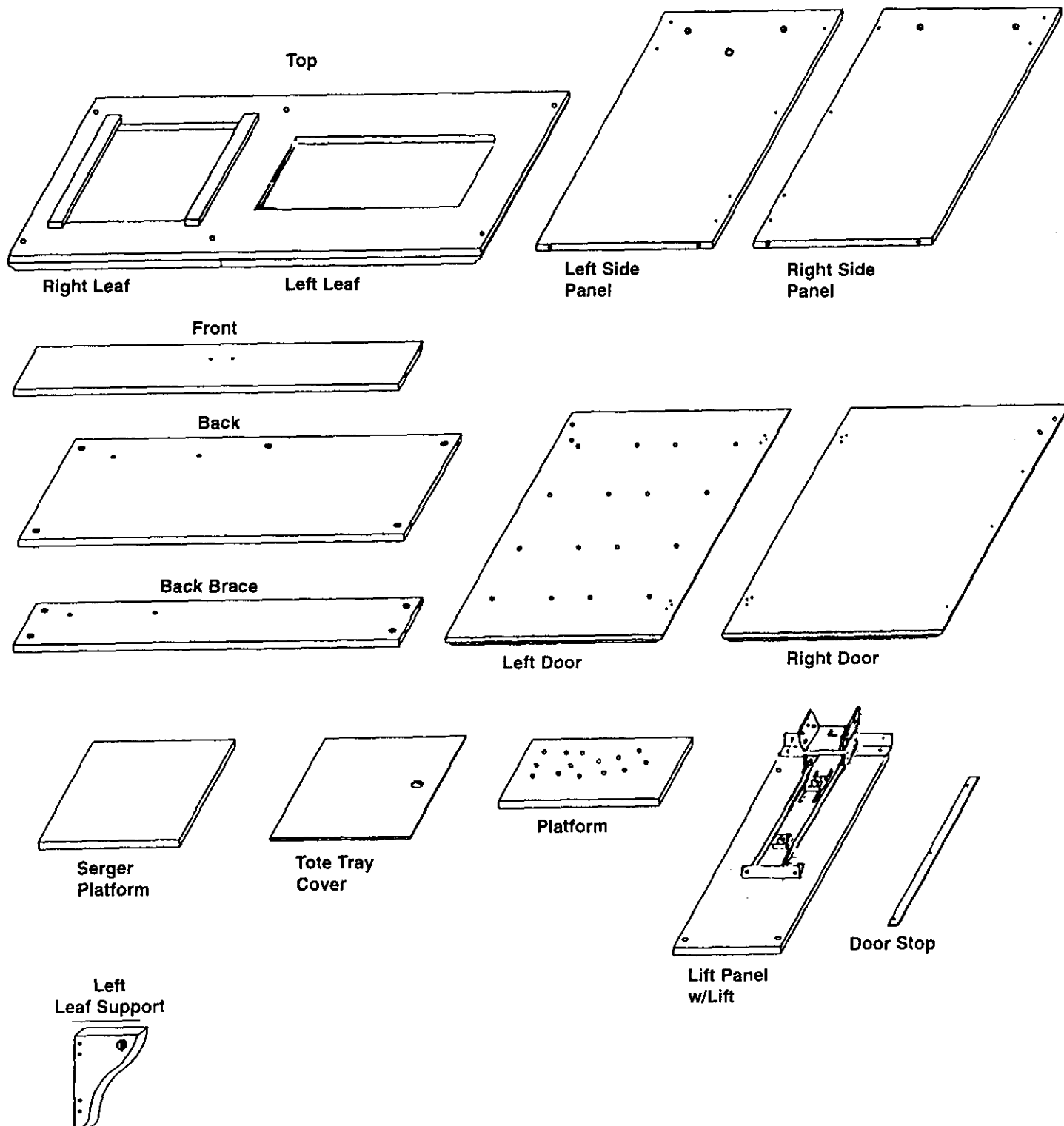
PLEASE NOTE: To assure proper handling of replacement parts please include the following information:

Model Number of Unit - 272.98400.490 (Oak)

272.98401.490 (White)

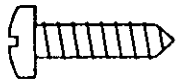
Part Number of Part Required

Your Name, Address, and Phone Number

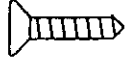


# Hardware Included

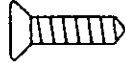
(22) #8x1/2" Panhead Screw



(13) #5x1/2" Flathead Screw



(11) #8x5/8" Flathead Screw



(2) #8x7/8" Machine Screw  
(98401 only)



Ceramic Knob Bolt

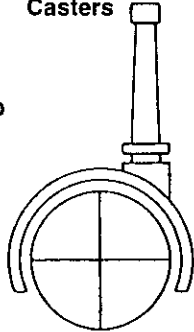
(2) Mounting Bolts



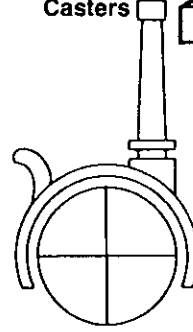
(8) 6mm Flat Washers



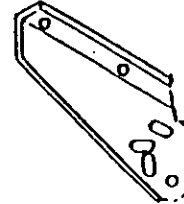
(2) Non-Locking Casters



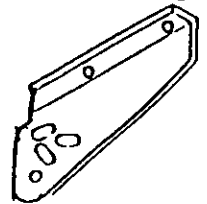
(2) Locking Casters



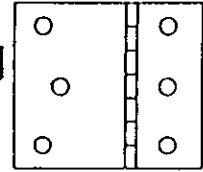
(1) Right Wing



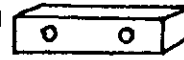
(1) Left Wing



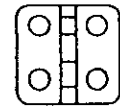
(4) Door Hinge



(1) Leaf Support Block



(2) Support Hinge



(6) Wing Nuts



(1) Bronze Strike Washer (1) Round Magnet



(8) 6mm Hex Nuts



(2) Knobs



(6) Zinc Flat Washers



Metal Knob  
(98400 only)



White Ceramic  
(98401 only)

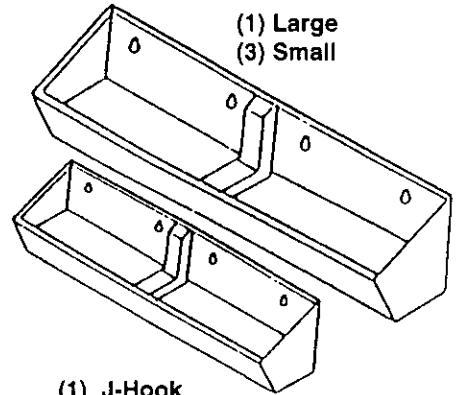


(2) Door Catches

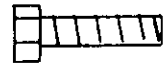


(4) Plastic Trays

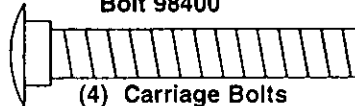
(1) Large  
(3) Small



(8) 6mm Hexhead Bolt



(2) 8/32x1" Metal Knob Bolt 98400



(4) Carriage Bolts

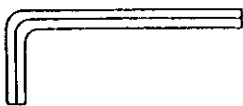
(2) Door Catch Pins



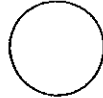
(1) J-Hook



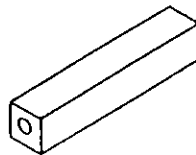
(1) Allen Key



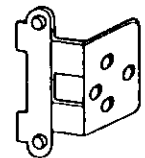
(6) Sponge Dots



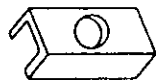
(1) Leaf Support Cleat



(1) Spring Hinge



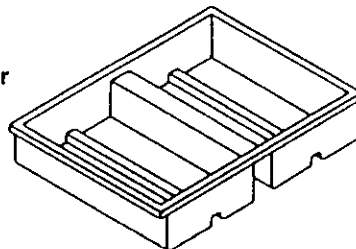
(4) Caster Clips



(1) 10/32" Wing Nut



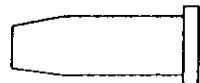
(1) Tote Tray



(5) Adjustable Glides



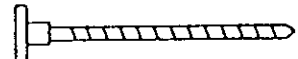
(4) Caster Insert



(1) 3/16" Washer



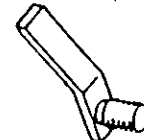
(3) 1-1/2" Titus Screw



(18) Connecting Bolts



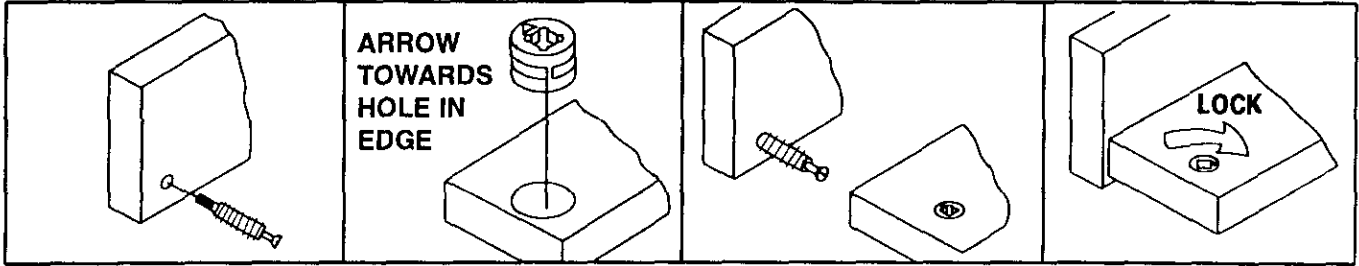
(1) Custom Fit Insert (Hook)



(1) Self Sticking Rubber Tab



# Understanding How the "ARROW-LOC" Cam Fastener Works.



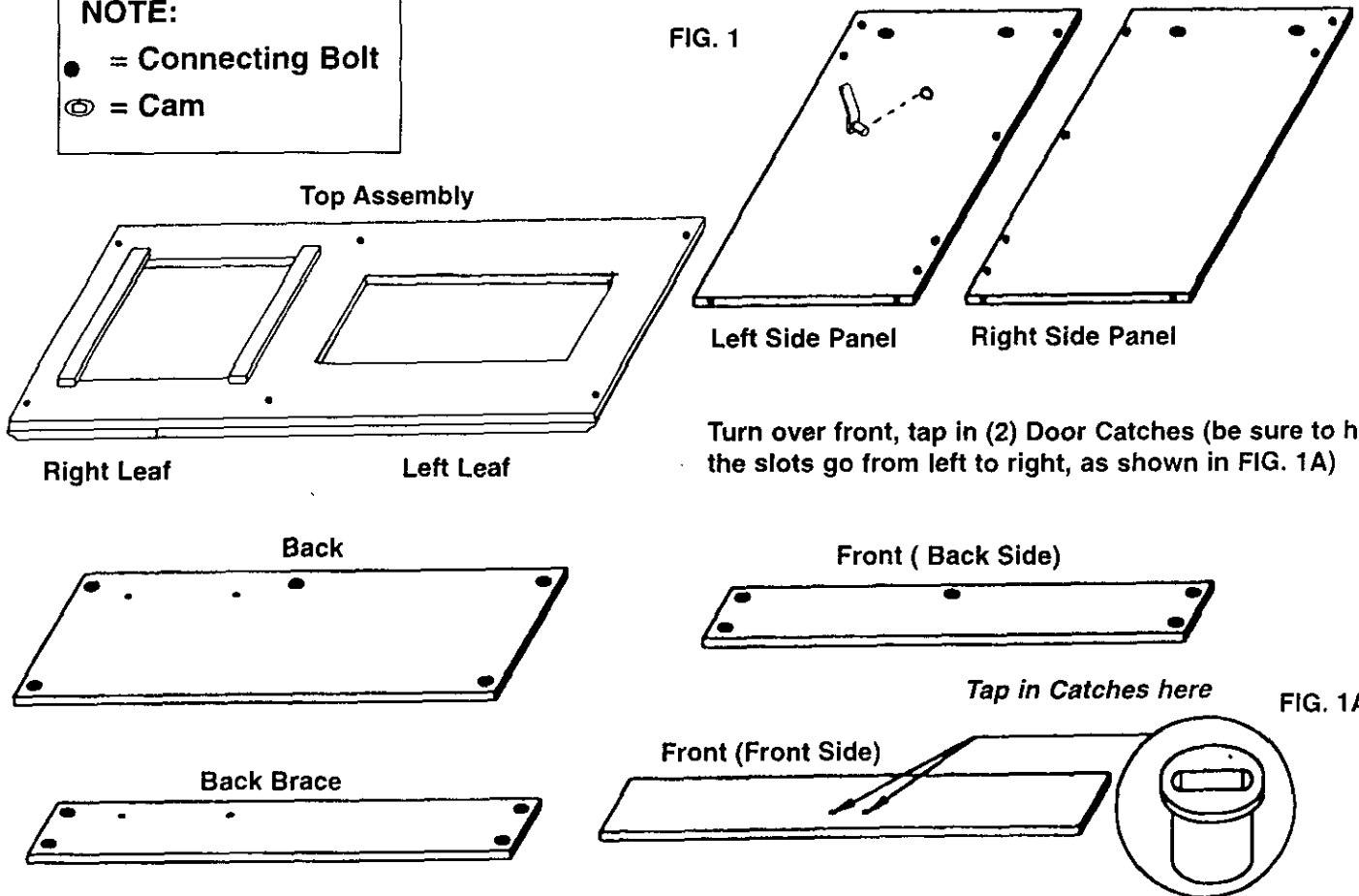
1. Position bolt in pre-drilled hole and turn until tight.
2. Press cam into pre-drilled hole until flush with surface.
3. Insert bolt through pre-drilled hole in edge of panel.
4. To lock, rotate cam until tight, using allen key provided.

## Cabinet Assembly

**Step 1.** Place Top, Left and Right Sides on a flat protected surface (to prevent scratching of parts), thread Connecting Bolts (18 total) into pre-drilled holes (as shown in FIG. 1). Install Cams (18 total) by pushing a Cam into each hole flush with surface, The arrow on the Cams should be turned (using a regular screwdriver or Allen Key provided) to face the hole in each edge where the Connecting Bolts will enter.

**Step 1A.** We are providing (1) White Plastic Hook, to be used to store your Custom Fit Sewing Head Insert. Install in hole on Left Side Panel (as shown in FIG. 1).

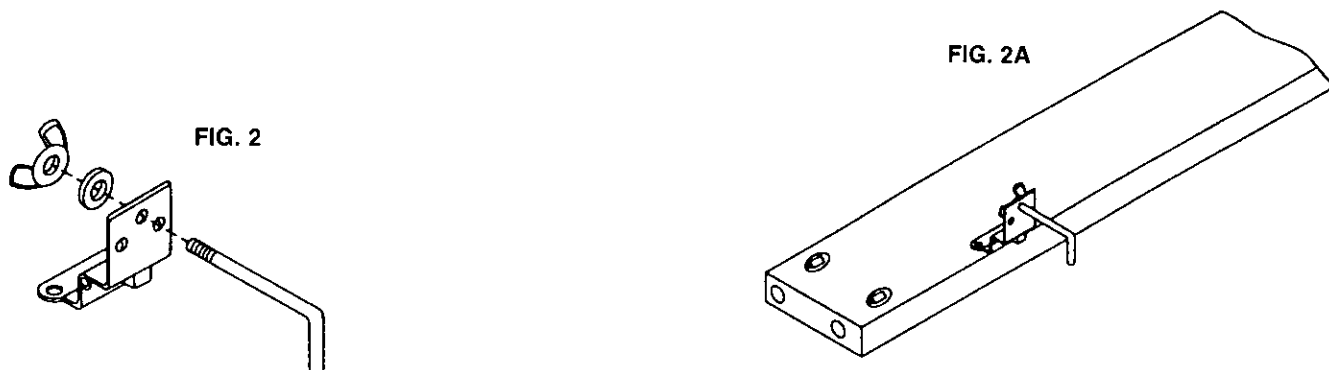
**NOTE:**  
 ● = Connecting Bolt  
 ⊙ = Cam



Turn over front, tap in (2) Door Catches (be sure to have the slots go from left to right, as shown in FIG. 1A)

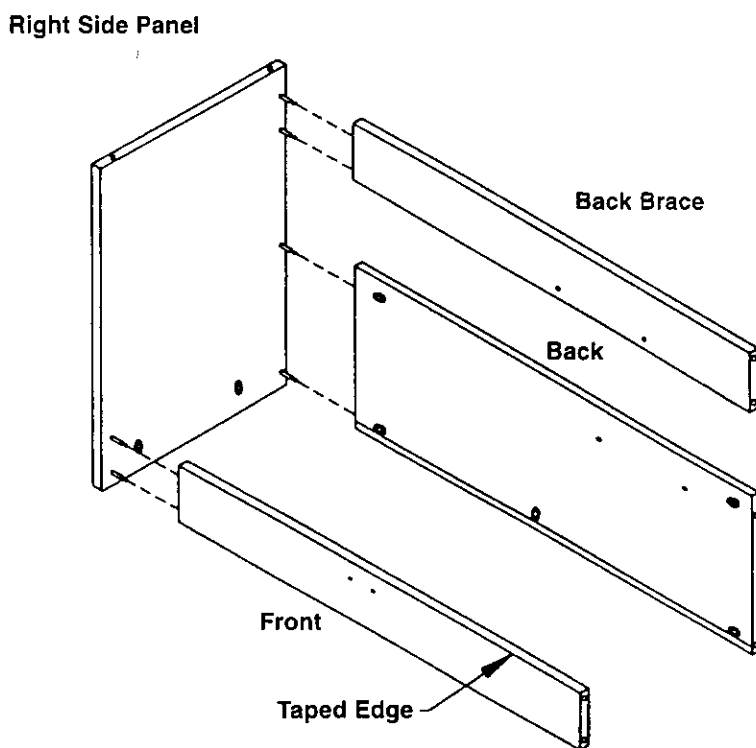
FIG. 1A

**Step 2. Assemble J-Hook, Washer and Wing Nut to Spring Hinge (as shown in FIG. 2). Install J-Hook Assembly to Front with (2) #8x1/2" Panhead Screws. Check that the J-Hook swings under bottom edge of Front (as shown in FIG. 2A).**

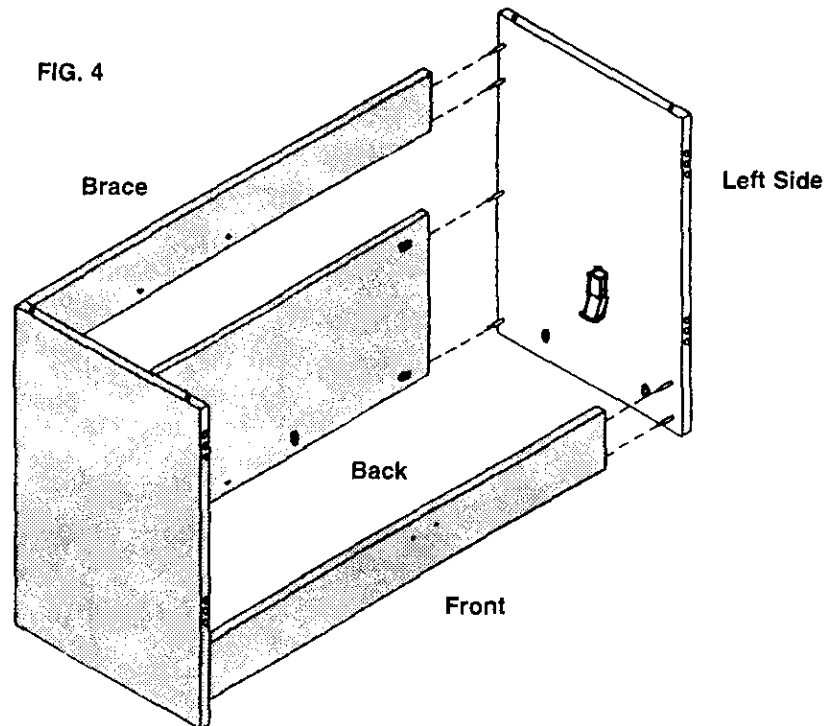


**Step 3. Attach Back by guiding onto (2) Bolts in Right Side. Turn Cams to locked position, using screwdriver or allen key. Attach Front (taped edge up) to Right Side, guiding Front onto (2) Bolts. Turn Cams to locked positions, using screwdriver or allen key. Attach Brace (taped edge down) to Right Side with CAMS TOWARD REAR of unit, guiding Brace onto (2) Bolts. Turn Cams into locked position, using screwdriver or allen key (as shown in FIG 3).**

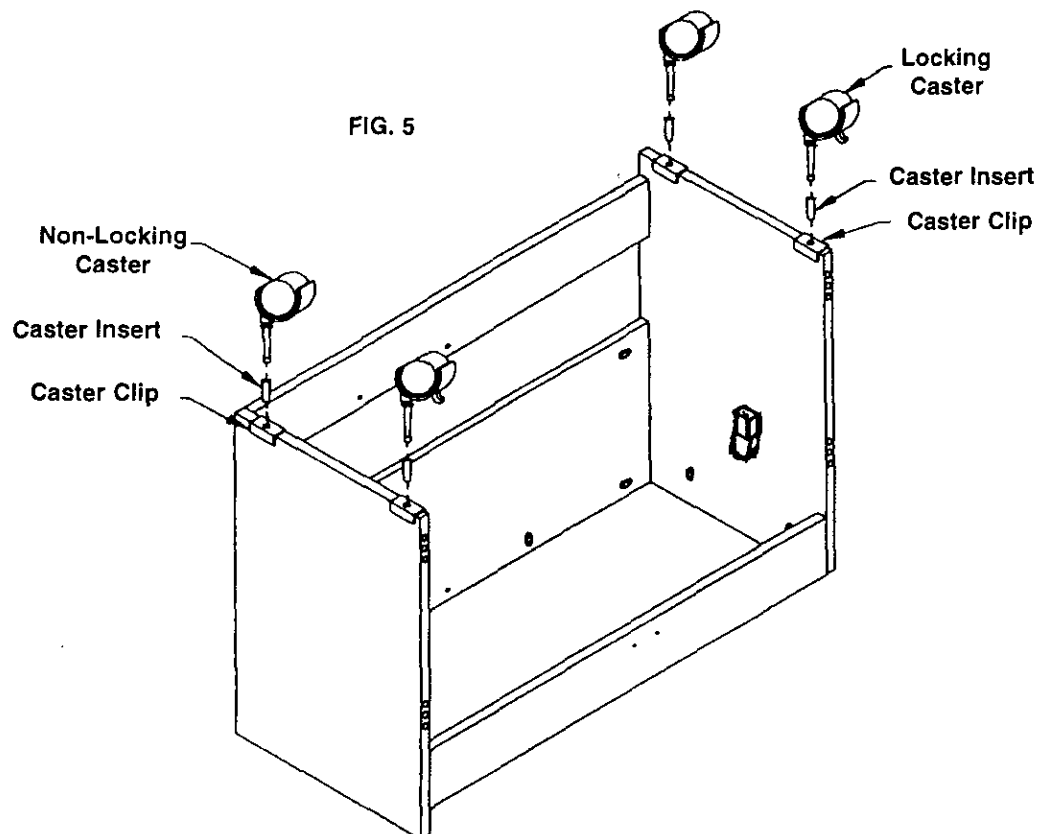
**CAUTION:**  
**AFTER INSTALLING BRACE, HOLD BRACE TO AVOID PRESSURE ON BOLTS UNTIL LEFT SIDE IS ATTACHED, OR TURN UNIT ONTO RIGHT SIDE.**



**Step 4. Attach Left Side to Brace, Back and Front, guiding Bolts into holes. Turn Cams to locked position, using screwdriver or allen key (as shown in FIG. 4).**

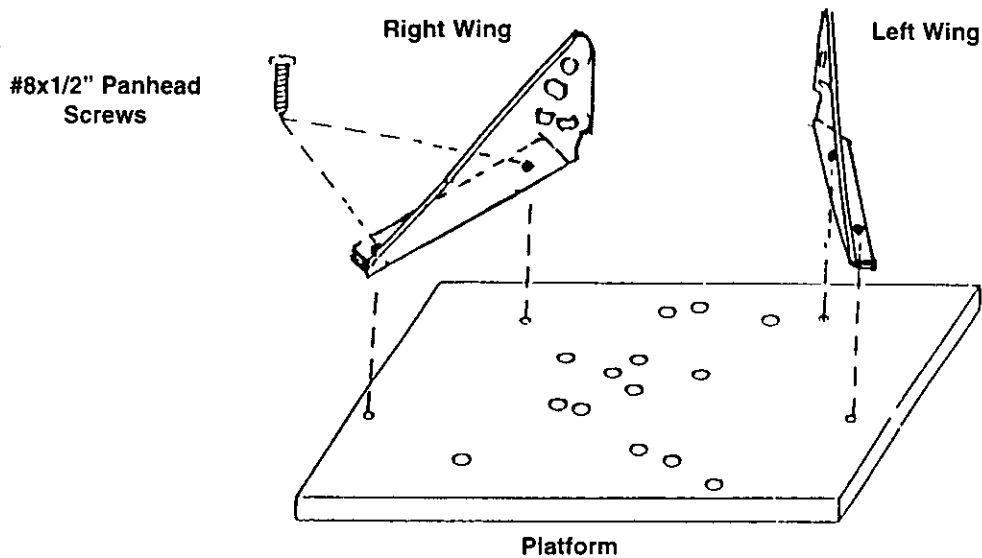


**Step 5. Install Caster Clips over holes in Sides, tap in Caster Inserts, Insert stems of Casters into Caster Inserts. Tap in by hand or use a hammer with padding to prevent damage. Locking in front Non-Locking in rear (as shown in FIG. 5).  
VERY CAREFULLY, WITH HELP, TURN CABINET OVER ONTO CASTERS.**



**Step 6. Attach the Left and Right Wing to the Platform using (4) #8x1/2" Panhead Screws (as shown in FIG. 6). The long flanges facing outward and toward edge of Platform.**

FIG. 6



**Step 7. Attach the Wings (with Platform) to the Carriage of the Lift Mechanism by laying the Back (with Lift attached) in a flat position and aligning the top and bottom holes in Wing flanges with the holes in the Lift Carriage. Insert the (8) 6mm Hex Head Bolts through the Wings and Carriage and attach a Washer & Hex Nut to each Bolt (as shown in FIG. 7). Before tightening the Nuts and Bolts using a 10mm wrench or adjustable wrench or pliers, use a square or the bottom shelf of cabinet to square the platform with the back (as shown in FIG. 7B). Final assembly should look FIG. 7A.**

FIG. 7A

FIG. 7

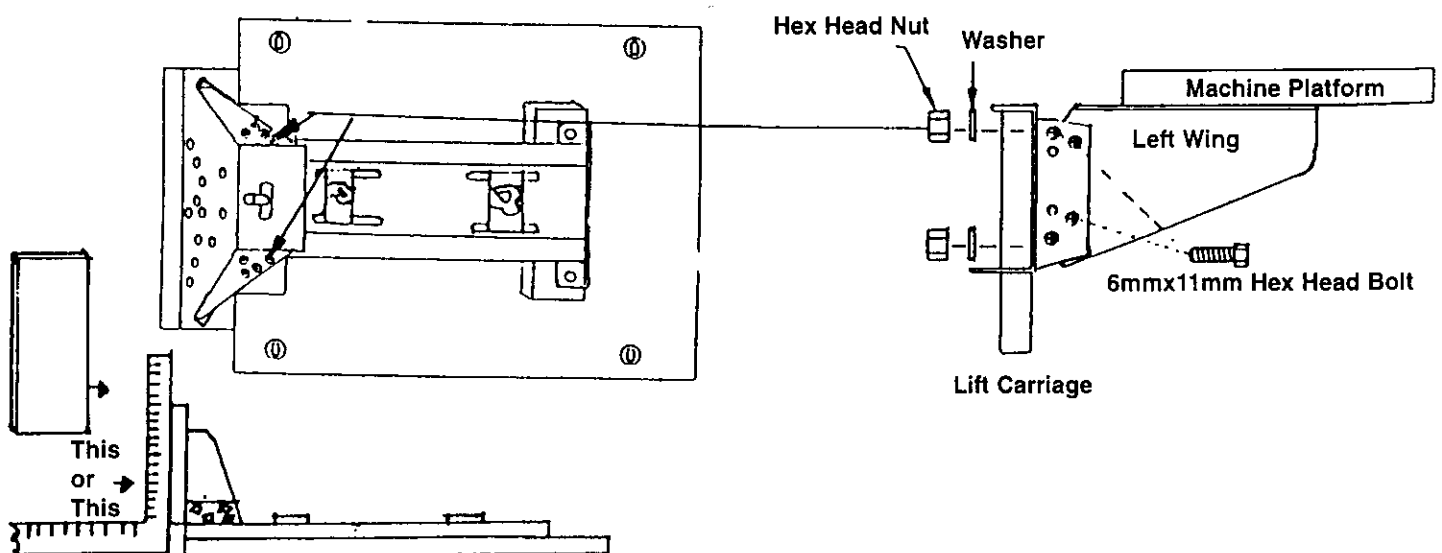
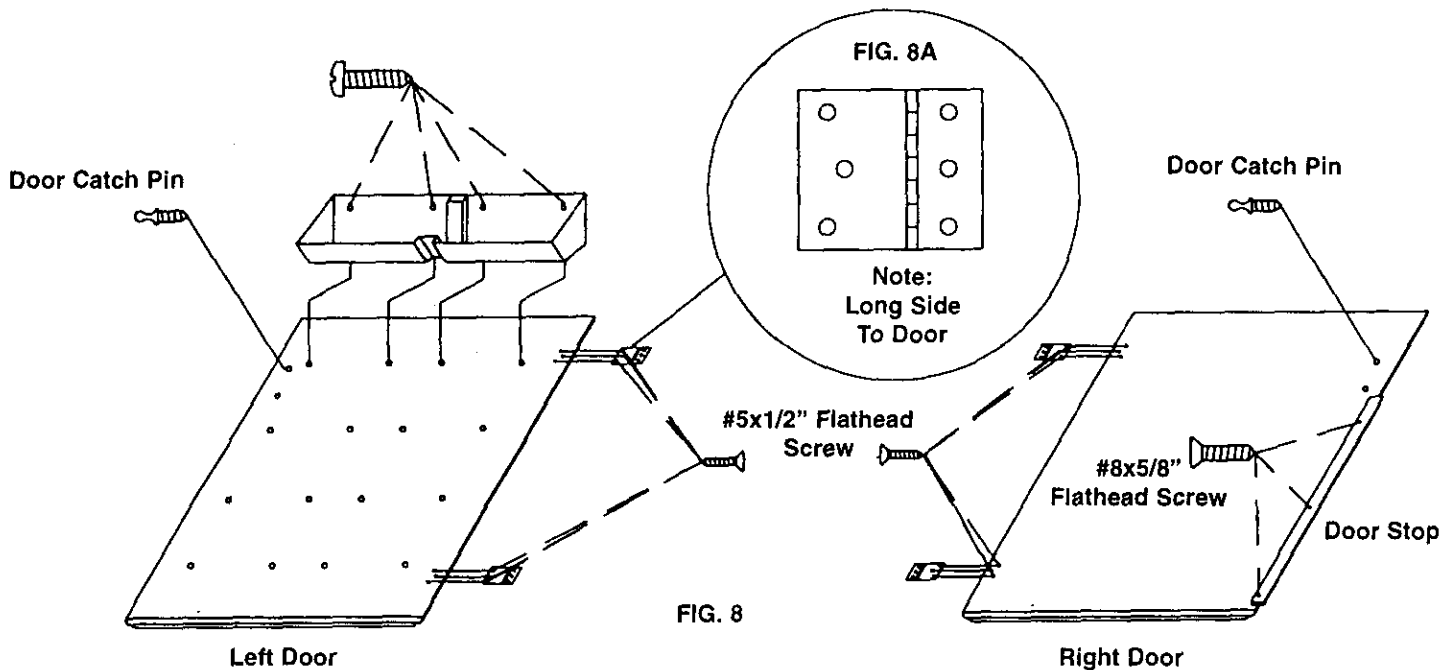
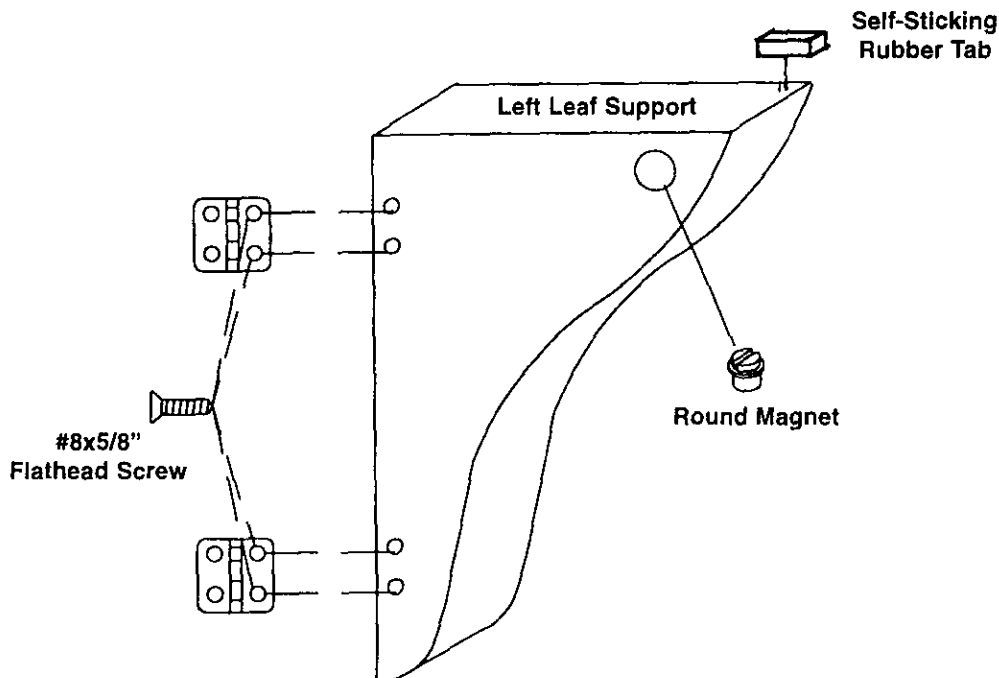


FIG. 7B

**Step 8.** Attach the (4) plastic Trays to the Door by inserting the (16) #8x1/2" Panhead Screws into the Door. Attach (3) Small Trays in the top three rows of pre-drilled holes and Large Tray in the bottom row. Screw in (1) Door Catch Pin in each Door. Attach (2) Door Hinges in each Door with (6) #5x1/2" Screws (as shown in FIGS. 8 and 8A). Long end attaches to door. Attach Door Stop using (3) #8x5/8" Flathead Screws.

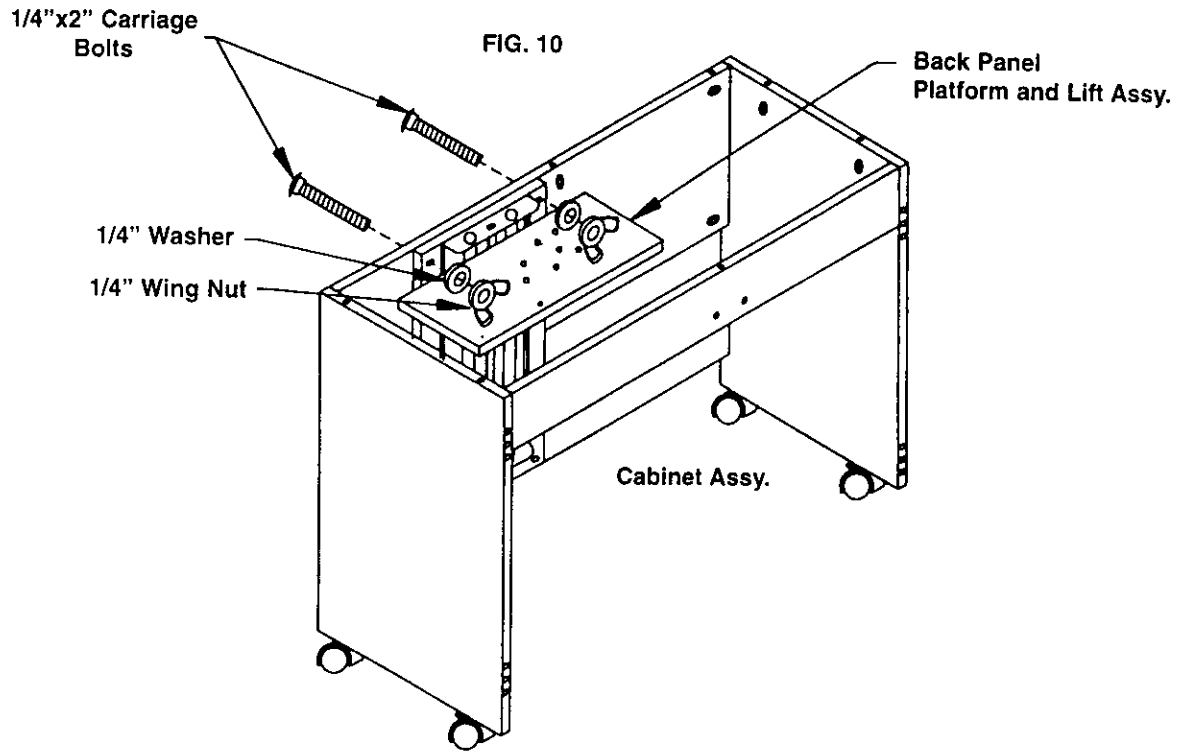


**Step 9.** Attach (2) Support Hinges to Left Support with (4) #8x5/8" Flathead Screws; insert (1) round Magnet into hole in Leaf Support (as shown in FIG. 9). Attach Self Sticking Rubber Tab to Leaf Support even with end & edge.



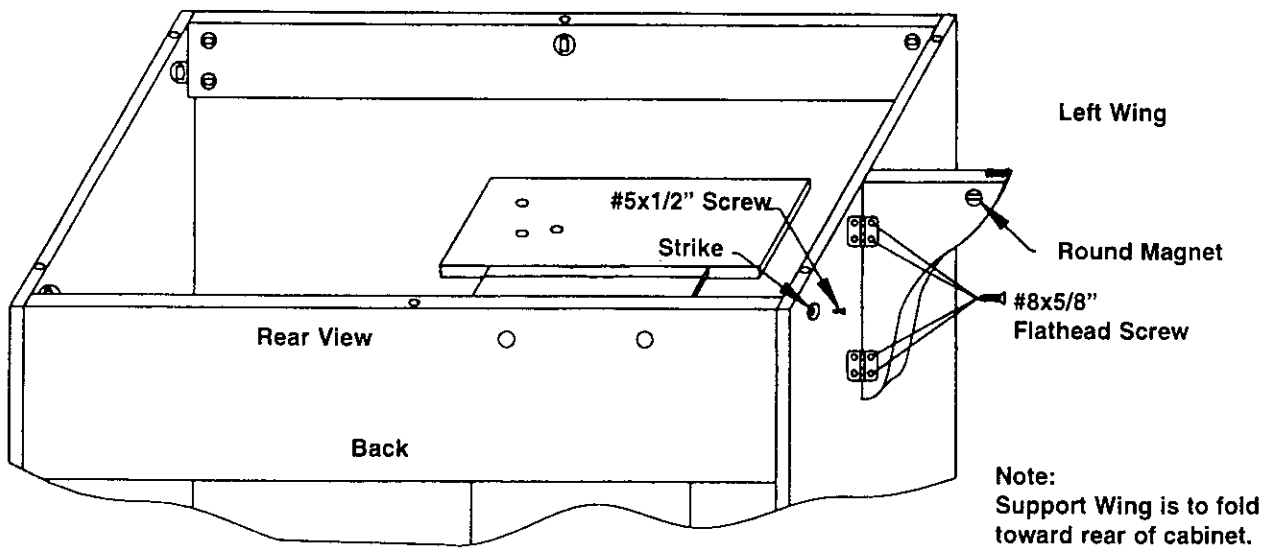


**Step 10. Attach Back Panel (with Lift, Wings and Platform attached) to Cabinet back Brace with (4) 1/4"x2" Carriage Bolts. Insert the Top 2 Bolts in Cabinet Back. Hang the Back Panel from the top Bolts, put on Washer and Wing Nuts, then start and put on the remainder Bolts, Nuts and Washer, tighten (as shown in FIG. 10).**



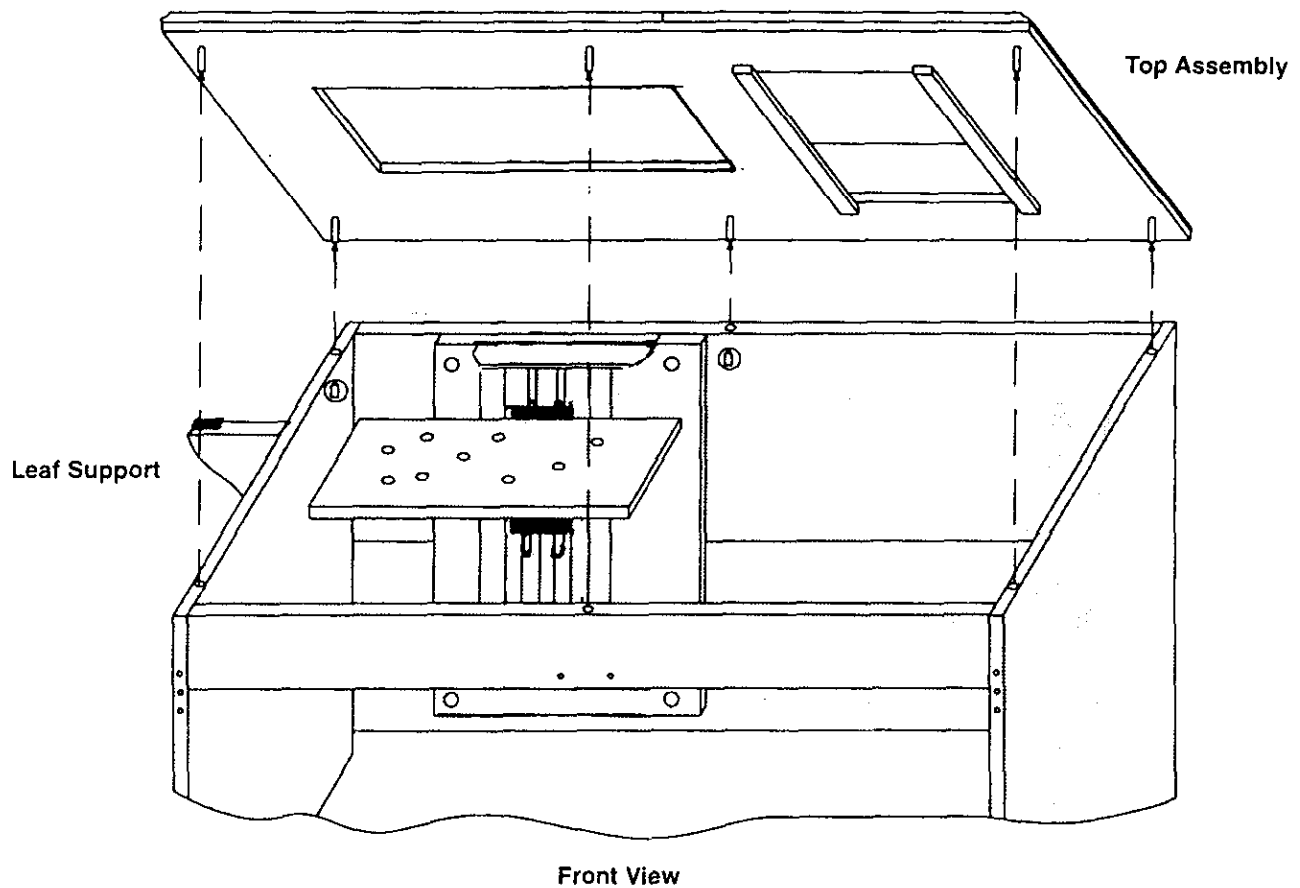
**Step 11. Attach the (1) Leaf Support Wing to outside of Left Side, with (4) #8x5/8" Flathead Screws. Now, attach the (1) Bronze Strike Washer for the Round Magnet to the side with (1) #5x1/2" Flathead Screw (as shown in FIG. 11).**

FIG. 11

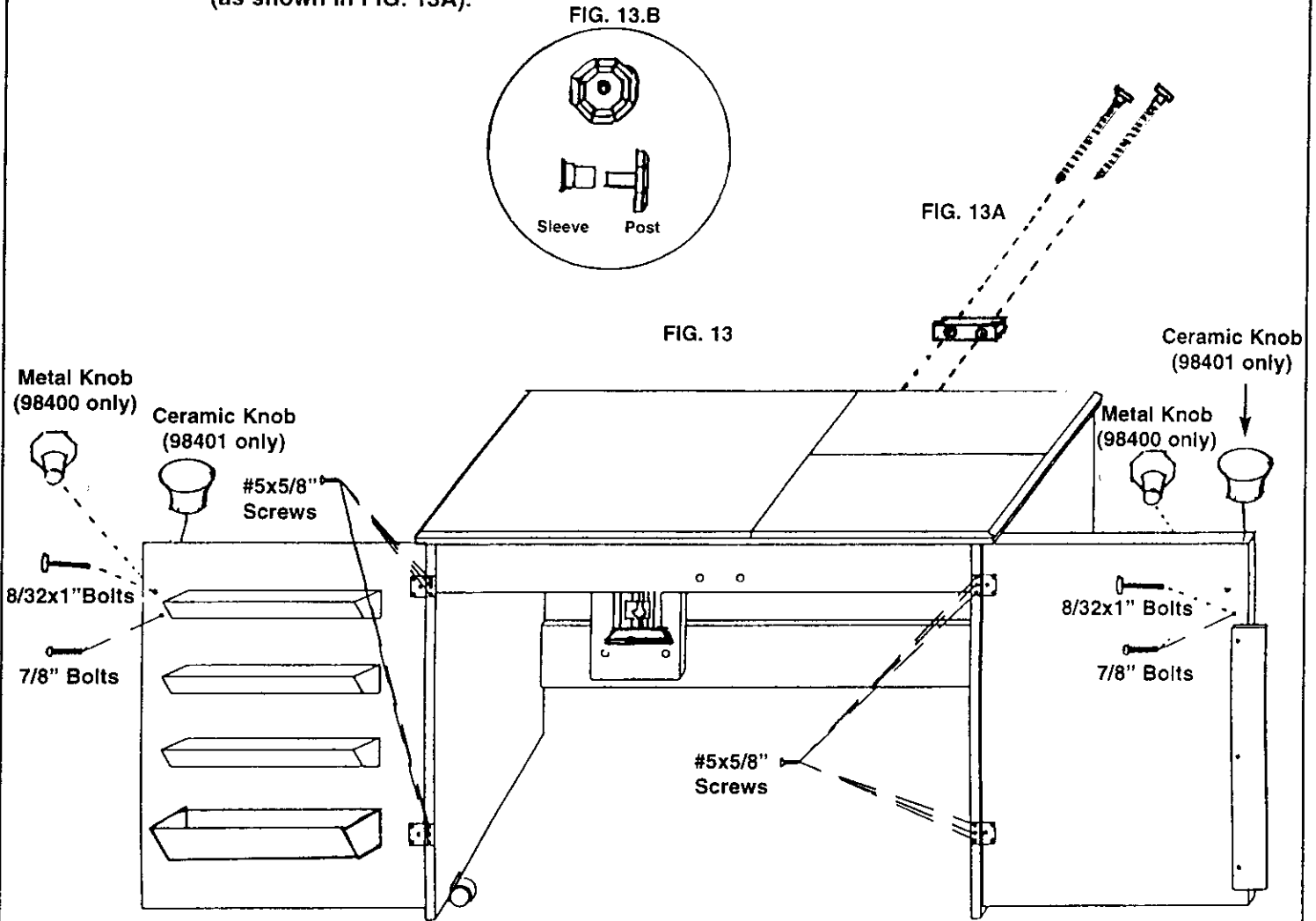


**Step 12.** With an assistant, grasp the Top and Leaves together (top assembly) and turn the Top over and guide the Connecting Bolts into the corresponding holes in the Sides, Front and Back (as shown in FIG. 12). Reach behind Front and turn the Cams to the locked positions on the Right Side, Back and Front. Open Large Leaf, resting it on the Leaf Support, turn Cams to the locked position. Some adjustment in the location of the Platform can be made so as to permit Freearm position (see page 12). Just loosen the Screws holding the Platform to the Wings; align and retighten.

FIG. 12



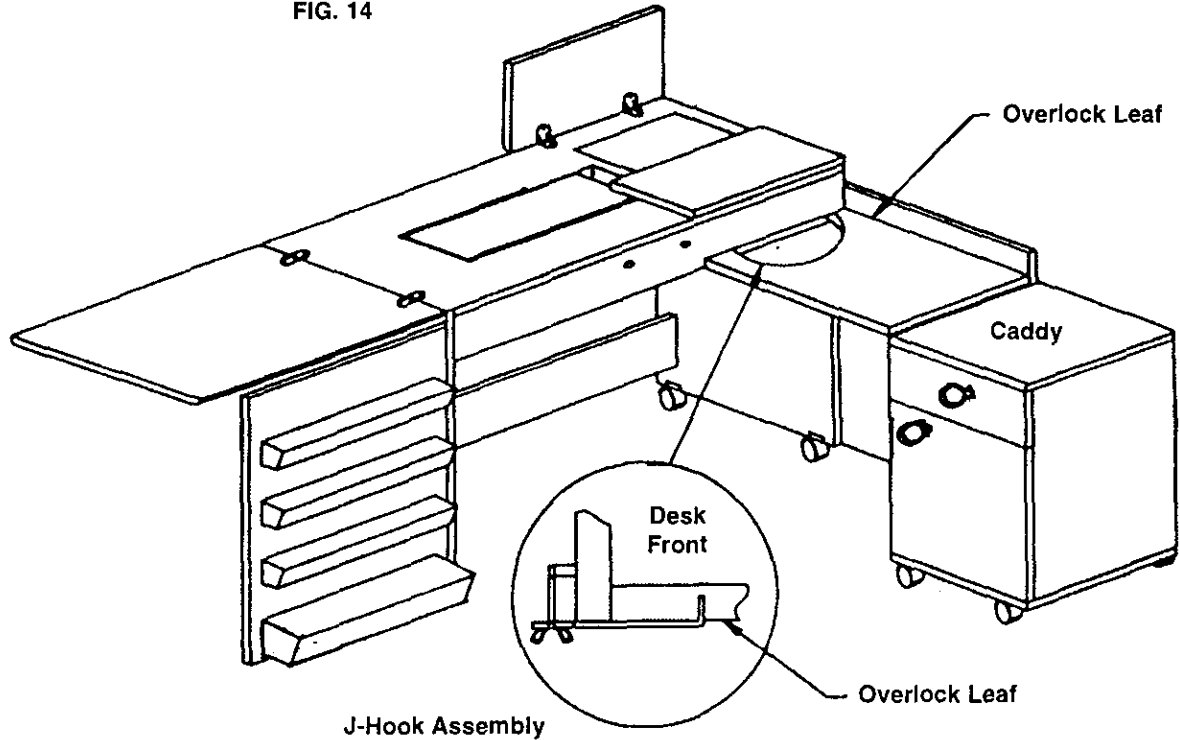
- Step 13.** The Doors may be hung using (12) #5x5/8" Flathead Screws (as shown in FIG. 13). Next attach the Door Knobs using (2) 7/8" Bolts For Ceramic Knobs -- (2) 8/32x1" Bolts for Metal Knobs. This is a 2 Pc. Knob assembly as shown in Fig. 13.B. Slide the Sleeve End onto the Post End of the Knob and attach to door.
- Step 13A.** Attach Leaf Support Block to the back of Top in pre-drilled holes with (2) #8x1½" Titus Screws (as shown in FIG. 13A).



**Stop at this point and assemble the Caddy**

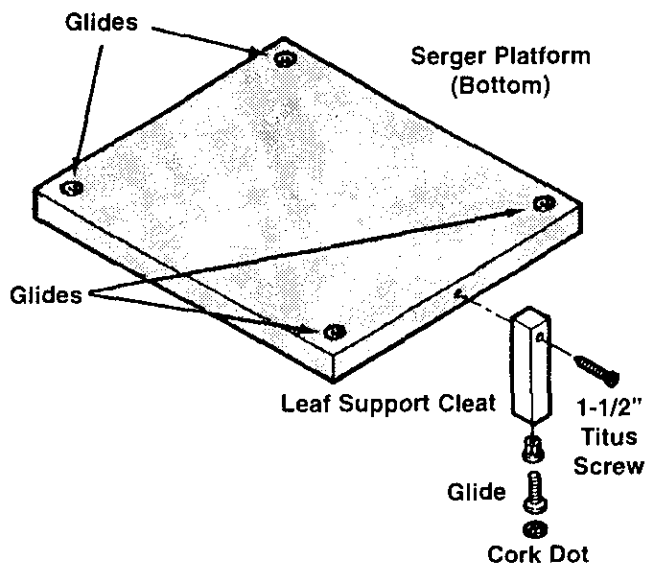
**Step 14.** To attach Caddy swing hinged hook from behind the desk front, to position (as shown in FIG. 14). Lift Overlock Leaf and guide hook into hole in bottom side of Overlock Leaf.

FIG. 14



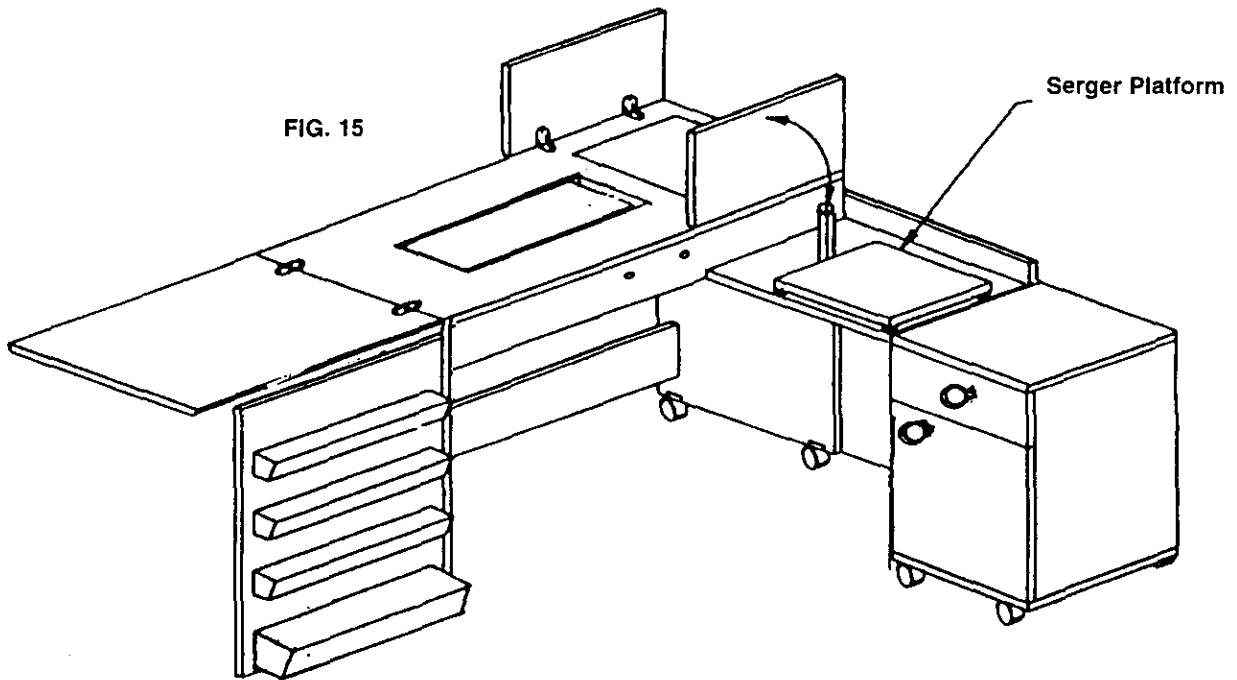
## ASSEMBLING AND INSTALLING SERGER PLATFORM

**Step 15.** Assemble parts to Serger Platform:

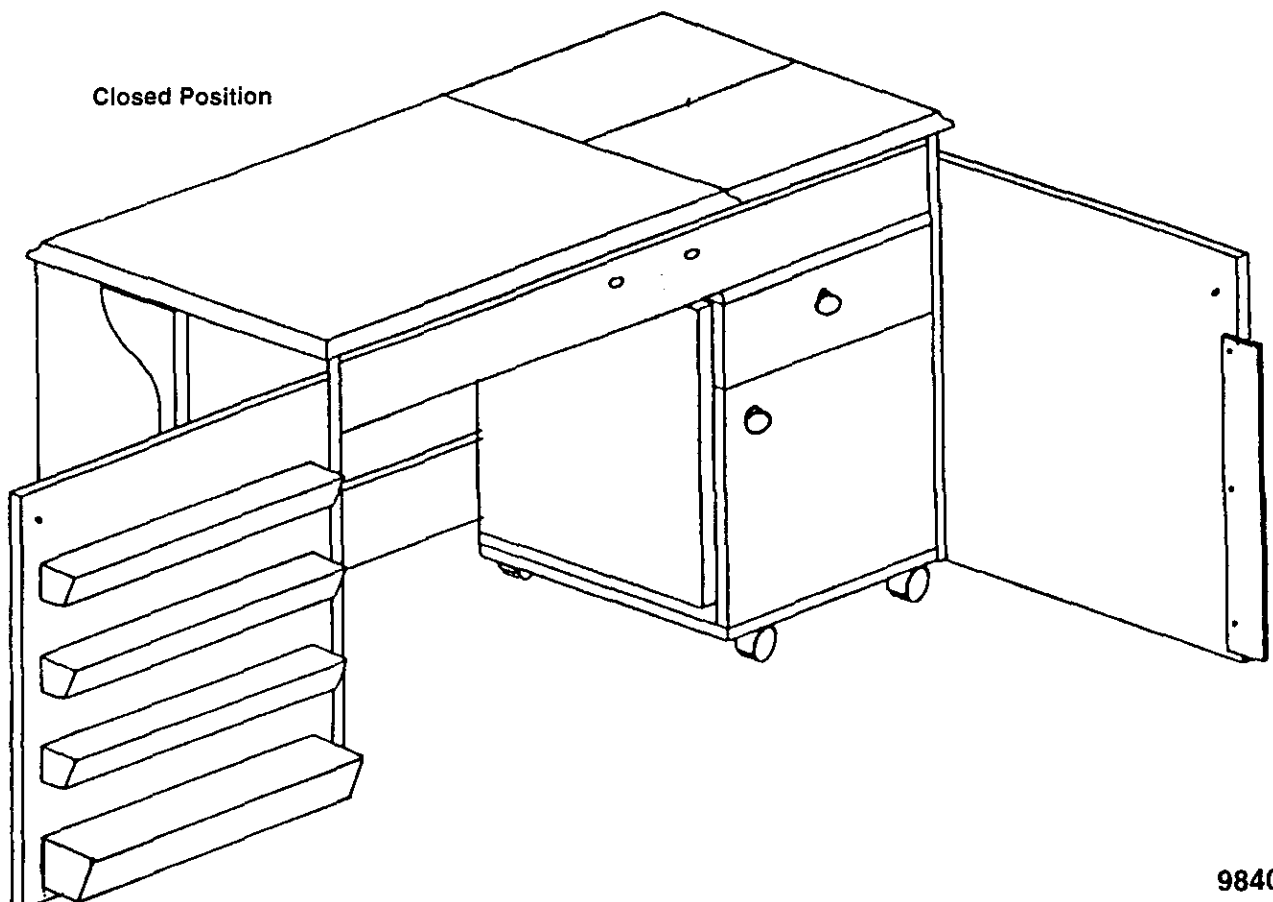


- A. Attach small wooden leaf support cleat to Serger Platform with one (1) #8x1-1/2" Titus Flathead Screw. Attach one Cork Dot to end of adjustment glide. Adjust 1-1/2" screw so that it is just loose enough to allow the cleat to be turned for storage.
- B. Install adjustable glides into four inserts in Serger Platform and into end of Cleat.
- C. Store Serger Platform in Caddy when not in use.

**Step 16. Place Serger Platform on Overlock Leaf. Raise Support Leg, open front Leaf and rest on Support Leg. Adjust height of Platform, for your machine, by turning adjustable Legs, until your machine is level with Leaf (as shown in FIG. 15). Store Serger and Platform in bottom of Caddy.**



**Step 17. To store Caddy, unhook Overlock Leaf and let down along side of Caddy. Roll Caddy cabinet as far to the right as possible to avoid interference when sewing machine is in storage.**



# Installing Sewing Machine into Your new Cabinet.

It may be helpful to read the directions for operating the mechanism before proceeding with the following steps. See page 15, and FIG. 19 on next page.

- Step 1.** Swing out the Leaf Support Wing and open leaves. To prevent damage to Cabinet surface, place cushioning material just to the left of cut-out. Lay the machine on its back, on top of cushioning material.
- Step 2.** Take the cord from the foot control up from the bottom through the slot on the right end of the cabinet Platform (see FIG. 16).
- Step 3.** Plug the cord into the right end of the sewing machine (see FIG. 17).

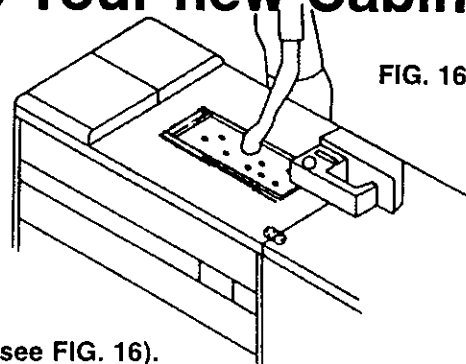


FIG. 16

**IMPORTANT:** Do not place sewing machine too far out onto the Leaf. The extra weight may cause the cabinet to flip over. This could cause personal injury or damage to the cabinet and sewing machine.

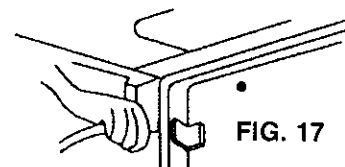


FIG. 17

## Installing Sewing Machine Head

**VERY CAREFULLY ATTACH THE SEWING MACHINE TO THE CABINET IN THE FOLLOWING MANNER:**

- Step 4.** Remove the extension table on the left side of the sewing machine (Free Arm Position). If it is detachable.
- Step 5.** Thread the (2 provided) Headmounting Bolts into the two threaded holes located on the bottom of your machine; twist tight to the collar. Number and type of Bolts may vary with different machines (see FIG. 18).
- Step 6.** Locate the appropriate platform holes which position your machine in the top opening to allow for use of the CUSTOM FIT plastic insert (Sears Item #9801) when sewing in the flatbed position. See Fig. 18 and Photo C on Page 14. For assistance in locating the appropriate platform holes please refer to FIG. 18B. on page 15.

Next, secure machine to Platform with Washers and Wing Nuts by tightening into place from underneath Platform (see FIG. 18A).

- Step 7.** Lower machine onto the platform, aligning bolts with the holes selected in the platform. Some Machines may require new holes to be drilled.
- Step 8.** Pushing the machine down, lower it into the storage position; lift back into the free-arm position, to check operation.

Refer to operating instructions of the Air Lift Mechanism on page 15.

**Maintenance of Cabinet:**  
Clean as you do your other fine furniture. using a soft cloth and polish.

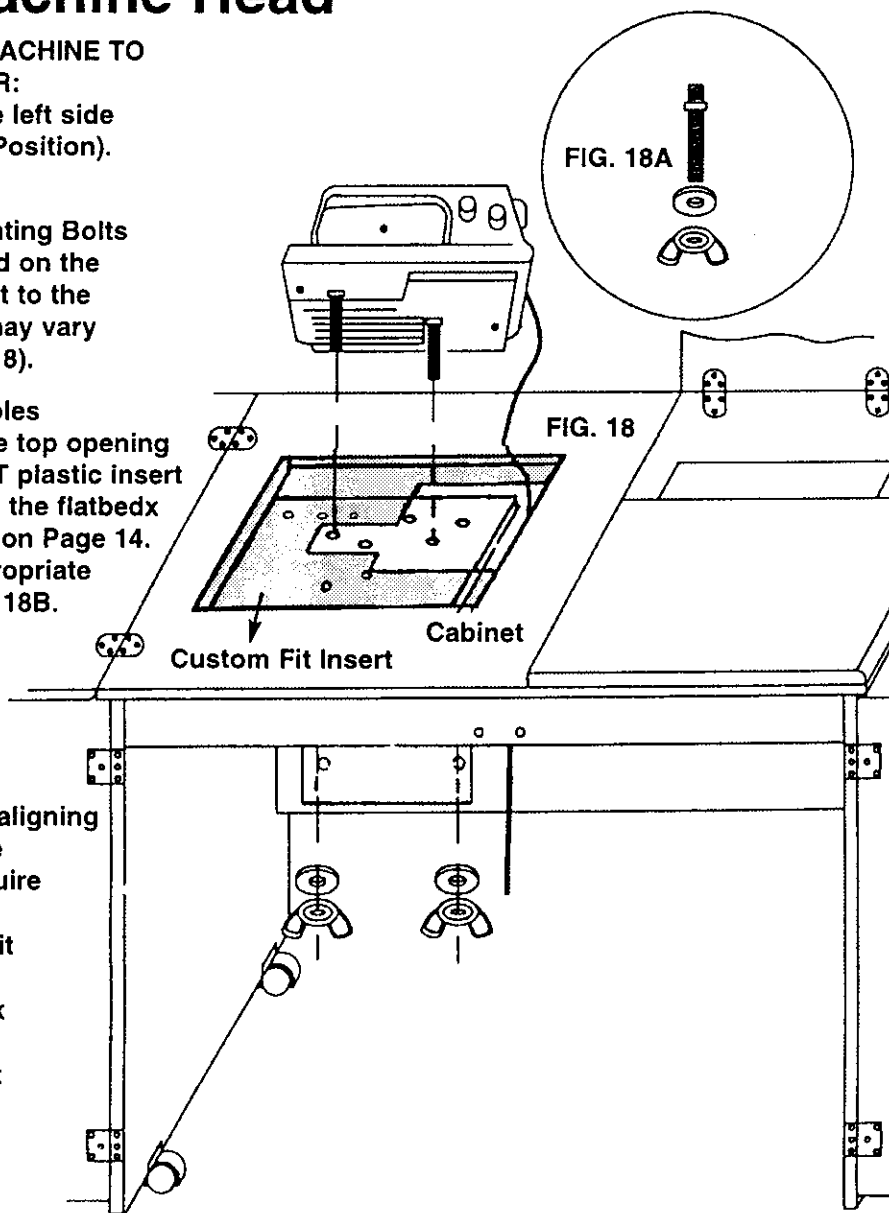


FIG. 18A

FIG. 18

## HOW TO MOVE YOUR MACHINE FROM ONE POSITION TO ANOTHER

To move machine from free arm to flatbed (see Photos A, B & C).

**GENTLY** push down on sewing machine until you hear a "click."

The sewing machine is now locked in place at the flatbed position.

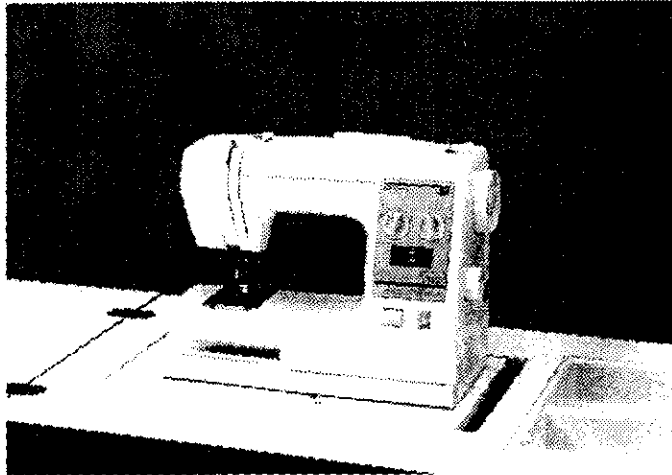


PHOTO A-FREE ARM POSITION

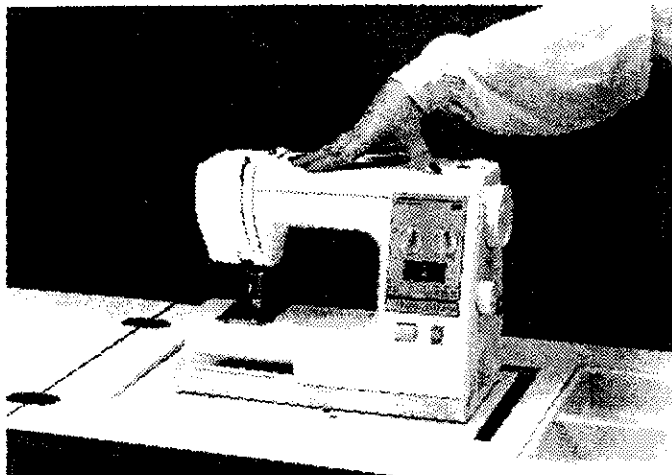


PHOTO B

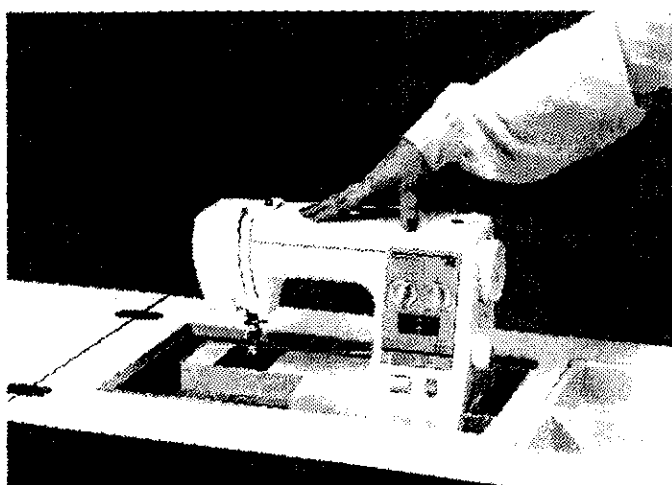


PHOTO C-FLATBED POSITION

To move machine from flatbed to storage (see Photos C, D & E).

**GENTLY** push down on sewing machine until you hear a "click."

The sewing machine is now locked in place at the storage position.

**NOTE:** Your mechanism is adjustable. You can adjust up or down by loosening the 2 hex nuts on the cam lock. After moving to the desired position retighten.

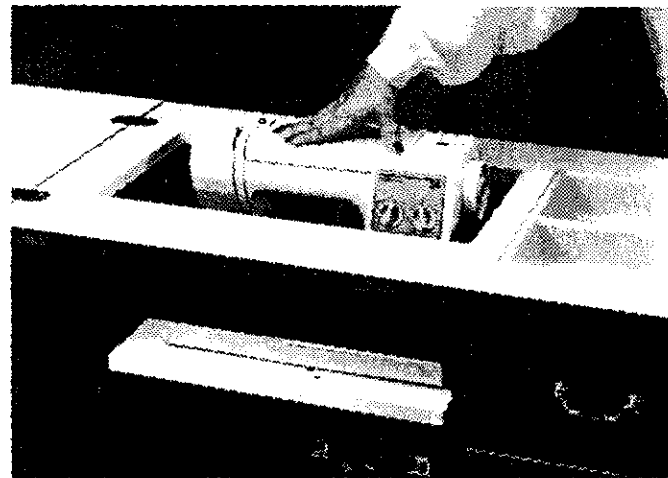


PHOTO D

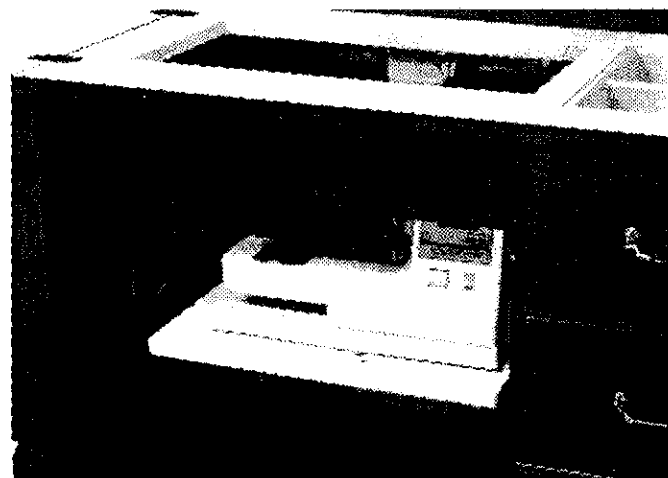


PHOTO E-STORAGE POSITION

To move machine from storage to flatbed (see Photos E & C).

**VERY GENTLY** push down until you hear a "click" and release.

The sewing machine will now move up to the flatbed position.

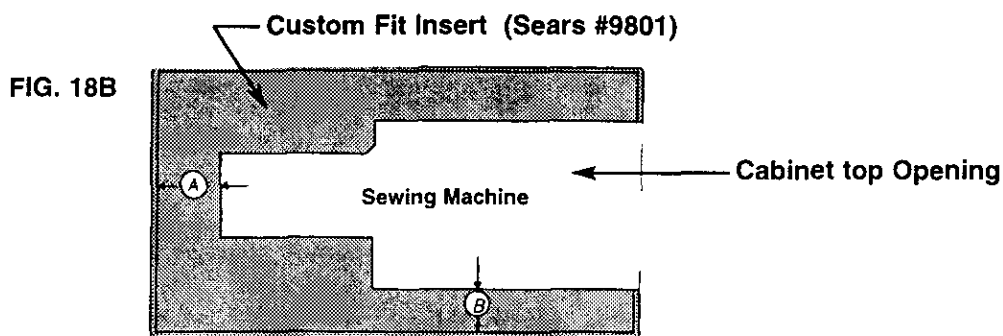
To move machine from flatbed to free arm (see Photos C & B).

**VERY GENTLY** push down until you hear a click and release.

The sewing machine will now move up to the the free arm position. For some machines you may have to lift slightly to lock into the freearm position.

98400-14  
98401-14

To assist in selecting the platform holes best suited to properly position your sewing machine, refer to FIG. 18B below.



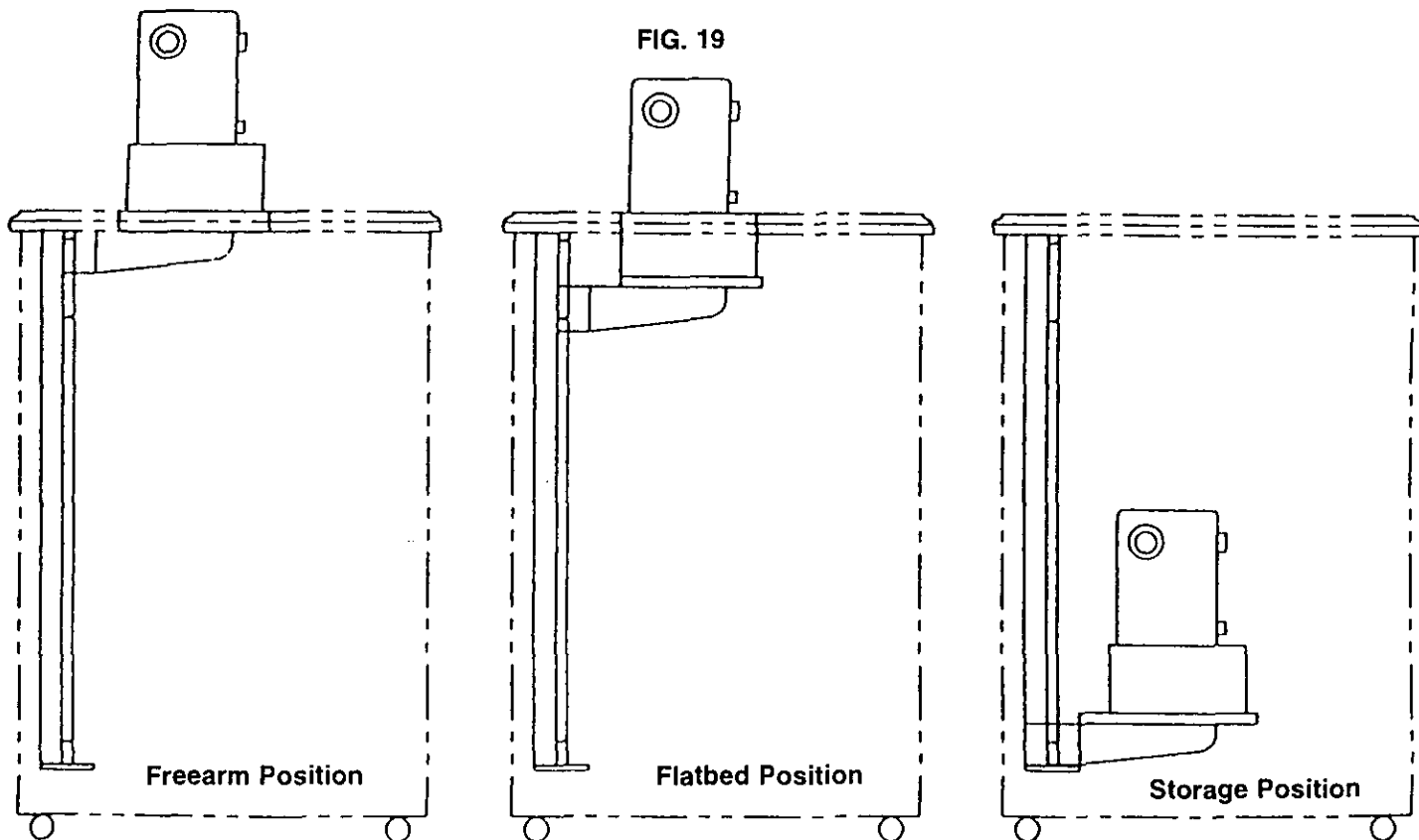
Determine measurement A & B on your custom-fit plastic insert and select platform holes which will properly place your machine in the cabinet top opening to allow it to fit with the insert when sewing in the flatbed position.

**CAUTION:**

This cabinet is equipped with a vertical Air-Lift Mechanism which is powered by gas filled cylinder to aid in raising and lowering the sewing machine. PLEASE DO NOT OPERATE THE MECHANISM UNTIL YOU HAVE MOUNTED YOUR SEWING MACHINE ON THE PLATFORM (SEE PAGE 13).

Because gas filled cylinder is heavy duty do not let go of machine and platform when moving from one position to the other.

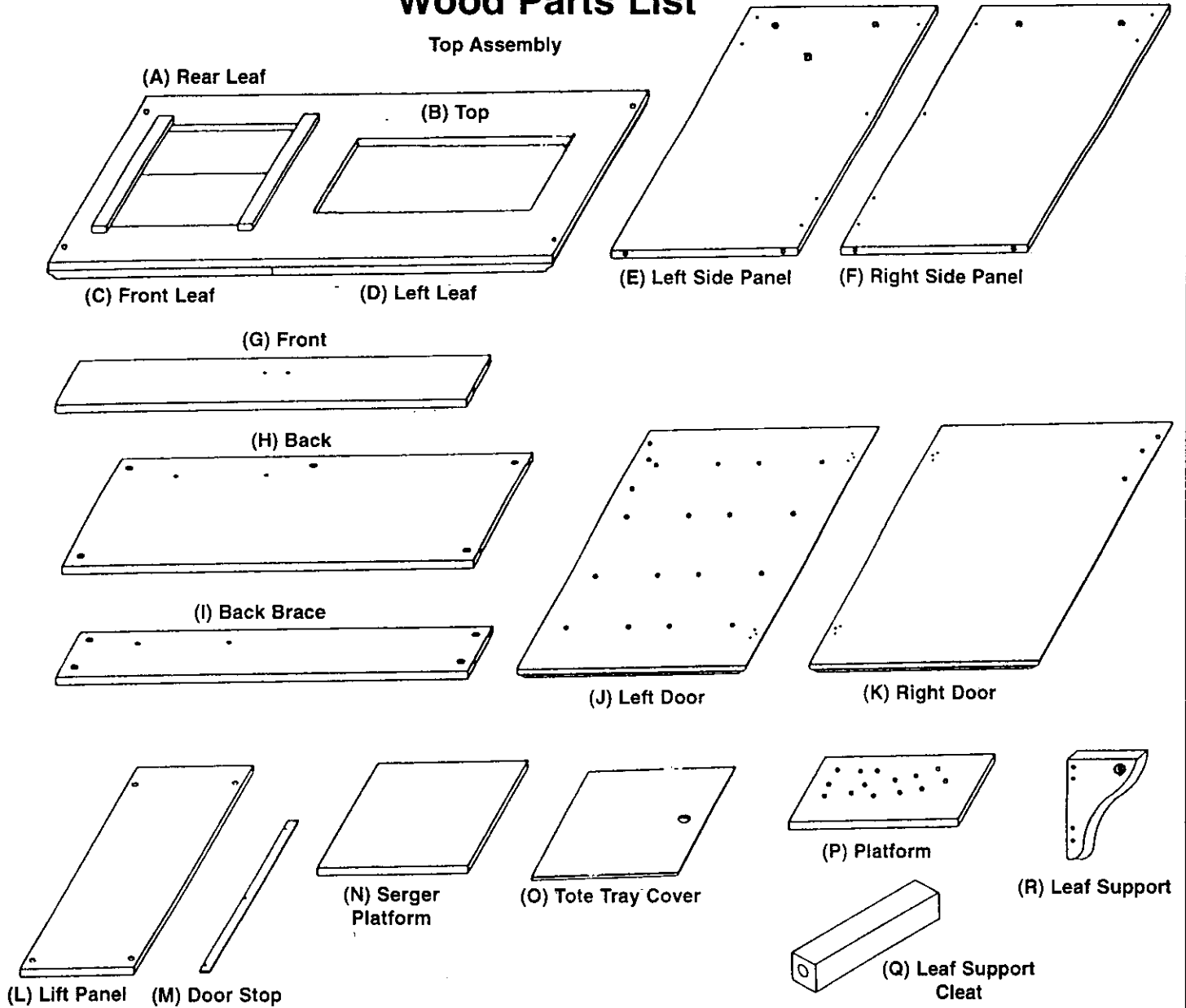
To move the Platform to any position please follow the instructions on page 14.





# Wood Parts List

## Top Assembly



REF.	DESCRIPTION	PART #	PART #
		98400(OAK)	98401(WHITE)
A	Rear Leaf	003042	003123
B	Top	003039	003120
C	Front Leaf	003041	003122
D	Left Leaf	003040	003121
E	Left Side Panel	003043	003124
F	Right Side Panel	003044	003125
G	Front	003048	003092
H	Back	003045	003126
I	Back Brace	003047	003128

REF.	DESCRIPTION	PART #	PART #
		98400(OAK)	98401(WHITE)
J	Left Door	003050	003093
K	Right Door	003051	003094
L	Lift Panel	003046	003127
M	Door Stop	003053	003136
N	Serger Platform	003062	003102
O	Tote Tray Cover	003052	003135
P	Platform	003049	003133
Q	Leaf Support Cleat	002723	002723
R	Leaf Support	003012	003077

# Hardware Included

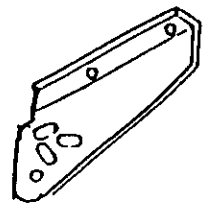
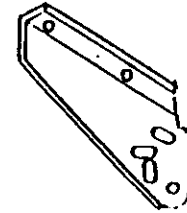
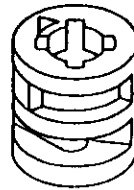
(AA) Right Wing

(BB) Left Wing

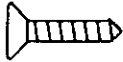
(A) #8x1/2" Panhead Screw



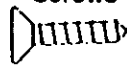
(N) Cams



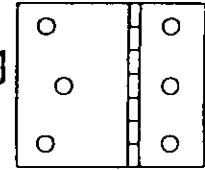
(B) #5x1/2" Flathead Screw



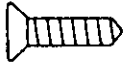
(II) #5x5/8" Flathead Screws



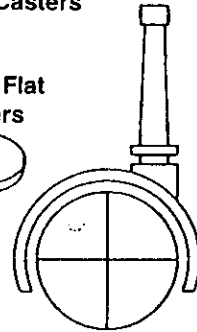
(CC) Door Hinge



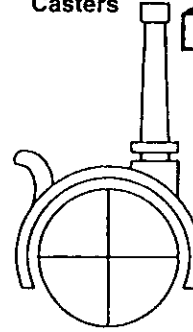
(C) #8x5/8" Flathead Screw



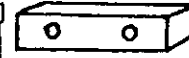
(O) Non-Locking Casters



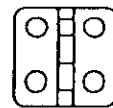
(V) Locking Casters



(MM) Leaf Support Block



(DD) Support Hinge



(D) #8x7/8" Machine Screw (98401 only)



(JJ) 6mm Flat Washers



(E) Mounting Bolts



(OO) Custom Fit Insert (Hook)



(F) Wing Nuts



(P) Bronze Strike Washer

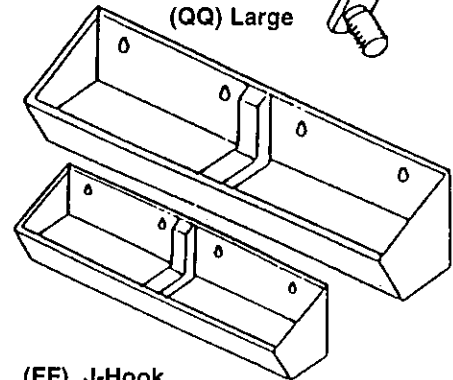


(W) Round Magnet



(EE) Plastic Trays Small

(QQ) Large



(G) 6mm Hex Nuts



(Q) Metal (98400 only)



(KK) White Ceramic (98401 only)



(H) Zinc Flat Washers



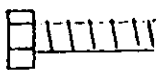
(LL) 8/32x1" Bolt 98400 Only



(X) Door Catches



(I) 6mm Hexhead Bolt



(R) Carriage Bolts



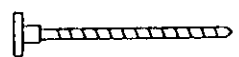
(X) Door Catch Pins



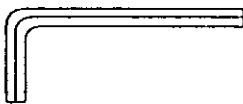
(FF) J-Hook



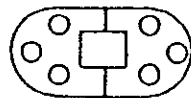
(RR) 1-1/2" Titus Screw



(J) Allen Key



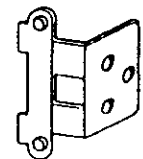
(S) Leaf Hinge



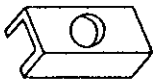
(GG) Adjustable Glides



(HH) Spring Hinge



(K) Caster Clips



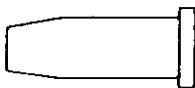
(T) 10/32" Wing Nut



(PP) Self Sticking Rubber Tab



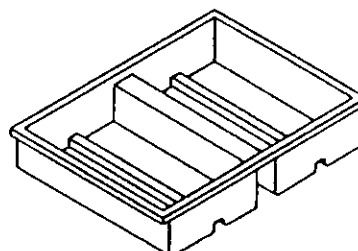
(L) Caster Insert



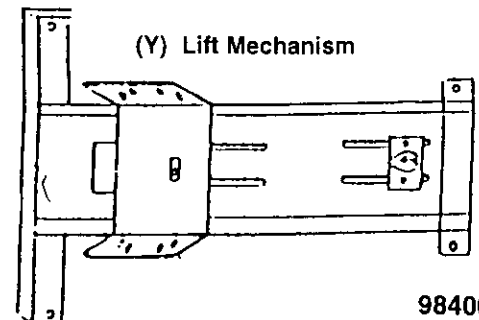
(U) 3/16" Washer



(Z) Tote Tray



(Y) Lift Mechanism



(M) Connecting Bolts



# Parts Numbers

Ref. No.	Description	Part No.
A	#8x1/2" Panhead Screw	002614
B	#5x1/2" Flathead Screw	000916
C	#8x5/8" Flathead Screw	002570
D	#8x7/8" Machine Screw	000185
E	Mounting Bolt	002890
F	Wing Nut	00488
G	6mm Hex Head Bolt	003176
H	Zinc Flat Washer	000220
I	6mm Hex Nut	003172
J	Allen Key	000712
K	Caster Clip	000324
L	Caster Insert	000368
M	Connecting Bolts	002892
N	Cam	000709
O	Non-Locking Caster	001136
P	Bronze Strike Washer	000839
Q	Knob (98400 only)	003170
R	Carriage Bolt	001319
S	Leaf Hinge	002733
T	10/32 Wing Nut	002208
U	3/16" Washer	002207
V	Locking Caster	001135
W	Round Magnet	002854
X	Door Catch and Pin	002870
Y	Lift Mechanism	003167
Z	Tote Tray	002869

Ref. No.	Description	Part No.
AA	Left Wing	003194
BB	Right Wing	003193
CC	Door Hinge	002613
DD	Support Hinge	002734
EE	Plastic Tray (Small)	003146
FF	J-Hook	002206
GG	Adjustable Glides	002643
HH	Spring Hinge	002209
	Manual	003150
II	#5x5/8" Flathead Screw	002899
JJ	6mm Flat Washer	003190
KK	White Ceramic Knob (98401 only)	003165
LL	8/32x1" Knob Bolt (98400 only)	003192
MM	Back Leaf Support Block	003195
OO	(Custom Fit Insert) Hook	002251
PP	Self Sticking Rubber Tab	003174
QQ	Large Tray	003158
RR	1 1/2 Titus Screw	001212

## **API Specialty Furniture**

**(A Division of ARROW PRODUCTS, Inc.)**

**P.O. Box 410, Elkhorn, WI 53121**

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**12-98**

**98400-BC  
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