

Sewnatra Sewing Cabinet

OWNER'S MANUAL

**Model
500 Oak/501 White/
503 Black**



IMPORTANT:

Read instructions before assembling.
See our video assembly instructions:
www.arrowcabinets.com/videos.php

READ THIS PAGE FIRST

WARRANTY

Thank you for your purchase of an Arrow Sewing Cabinet! Our products have a three year warranty from the date of shipment for the manufacturer's defects and a 15 day warranty for any shipping damages. The warranty does not cover damage caused by abuse, mis-use, alteration, accident or neglect of the product. The warranty does not cover damage as a result of moving the cabinet fully loaded. Under the terms of this warranty the repair and replacement of any parts shall be at the discretion of the company or their designated representatives.

Replacement Part Shipping Policy: To help protect our valuable resources, we ship all replacement parts out at the same time. This procedure lessens the use of packaging materials and fossil fuels used in transportation in order to reduce pollution. Please help us in this endeavor by reviewing ALL parts in ALL boxes for damage before calling or e-mailing us to report damage. We adhere to our environmental philosophy by only shipping replacement parts out 1 time for free. Future parts requests will be billed at the customer's expense.



QUESTIONS? CALL US: 1-800-533-7347

E-MAIL: CS@ARROWCABINETS.COM

CHECK OUT OUR WEBSITE FOR PICTURES AND FREQUENTLY
ASKED QUESTIONS AT: WWW.ARROWCABINETS.COM

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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 E-Mail: cs@arrowcabinets.com

Arrow Sewing Cabinets

PO Box 307 Delavan WI 53115

TO ORDER REPLACEMENT PARTS CALL

1-800-533-7347

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

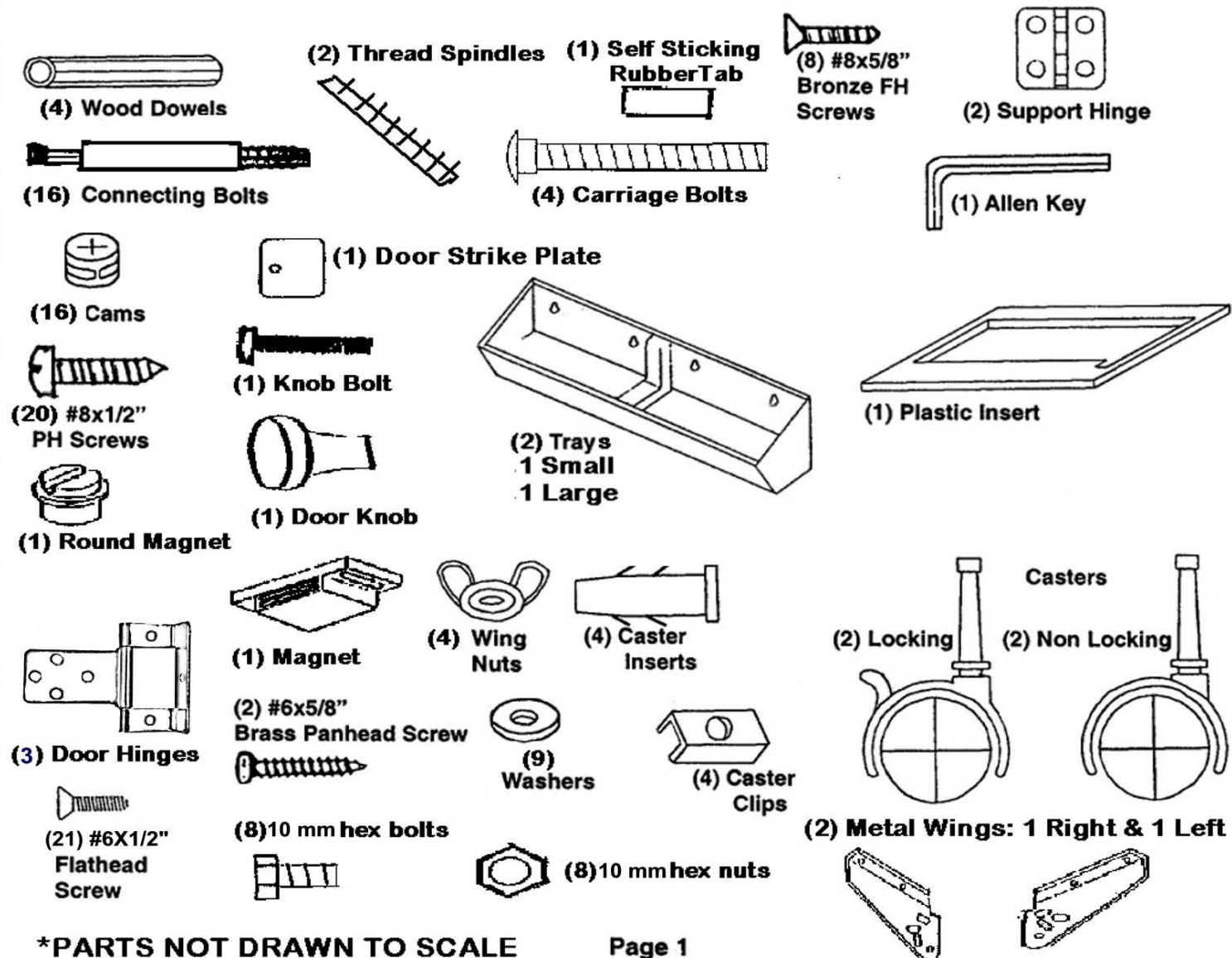
Model Number of Unit - 500 Oak/ 501 White/ 503 Black

Production ID Number

Number of Parts Required

Your Name, Address and Phone Number

For assembly of the cabinet you will need a Philips screwdriver, mallet and an adjustable wrench. The parts listed below are not separated into individual bags. The screws and nuts will be located with the part you will use them with. Example: The hinge bag will have the screws you will use to attach the hinge.



*PARTS NOT DRAWN TO SCALE

Page 1

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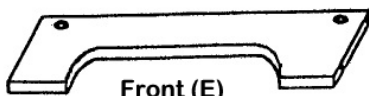
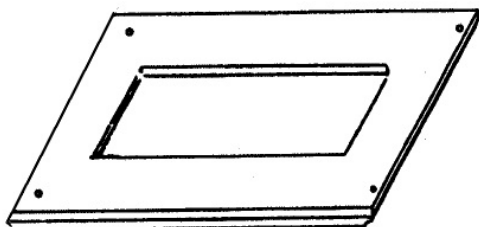
PLEASE NOTE: To assure proper handling of replacement parts please include the following information:

Model Number of Unit - 500 (Oak) 503 (Black)
501 (White)

Part Number of Part Required

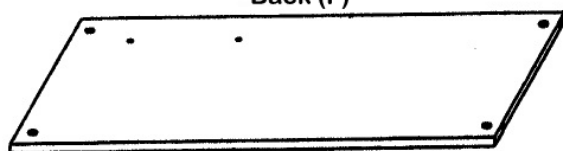
Your Name, Address, and Phone Number

Top (A) & Leaf (B)

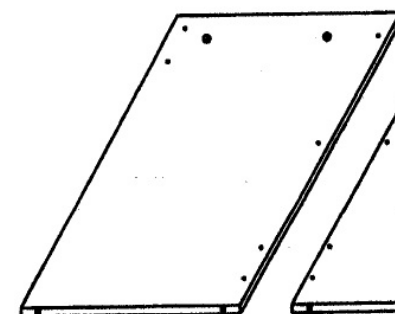
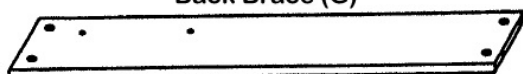


Front (E)

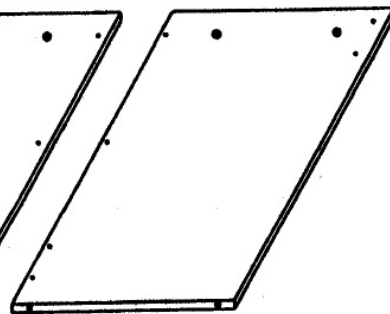
Back (F)



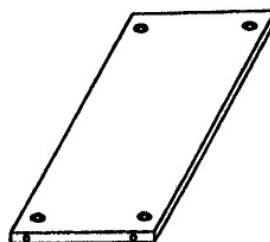
Back Brace (G)



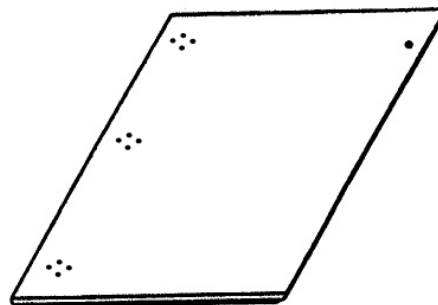
Left Side Panel (C)



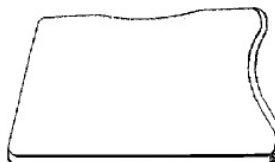
Right Side Panel (D)



Shelf (H)

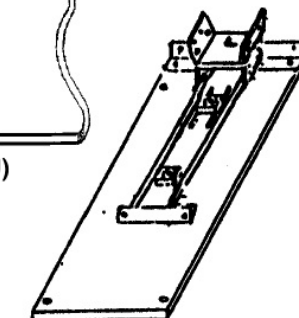


Door (I)



Platform (J)

Leaf Support (L)



Lift Panel w/ lift (K)

Did any of these parts arrive dinged or damaged? Don't worry, we will send you replacement parts just call:

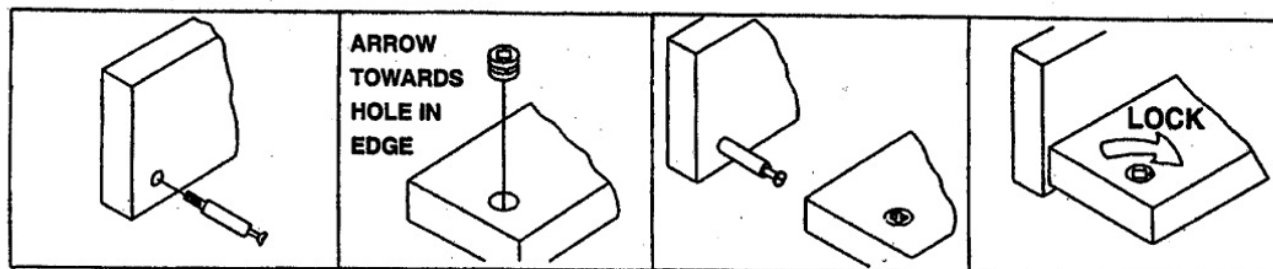
1-800-533-7347

E-Mail:

cs@arrowcabinets.com

*ANY SUBTLE SHADING OR COLOR VARIATION IN THE LAMINATE SHOULD NOT BE CONSIDERED A DEFECT, BUT ARE A NATURAL RESULT OF THE MANUFACTURING PROCESS.

Understanding How the "ARROW-LOC" Cam Fastener Works

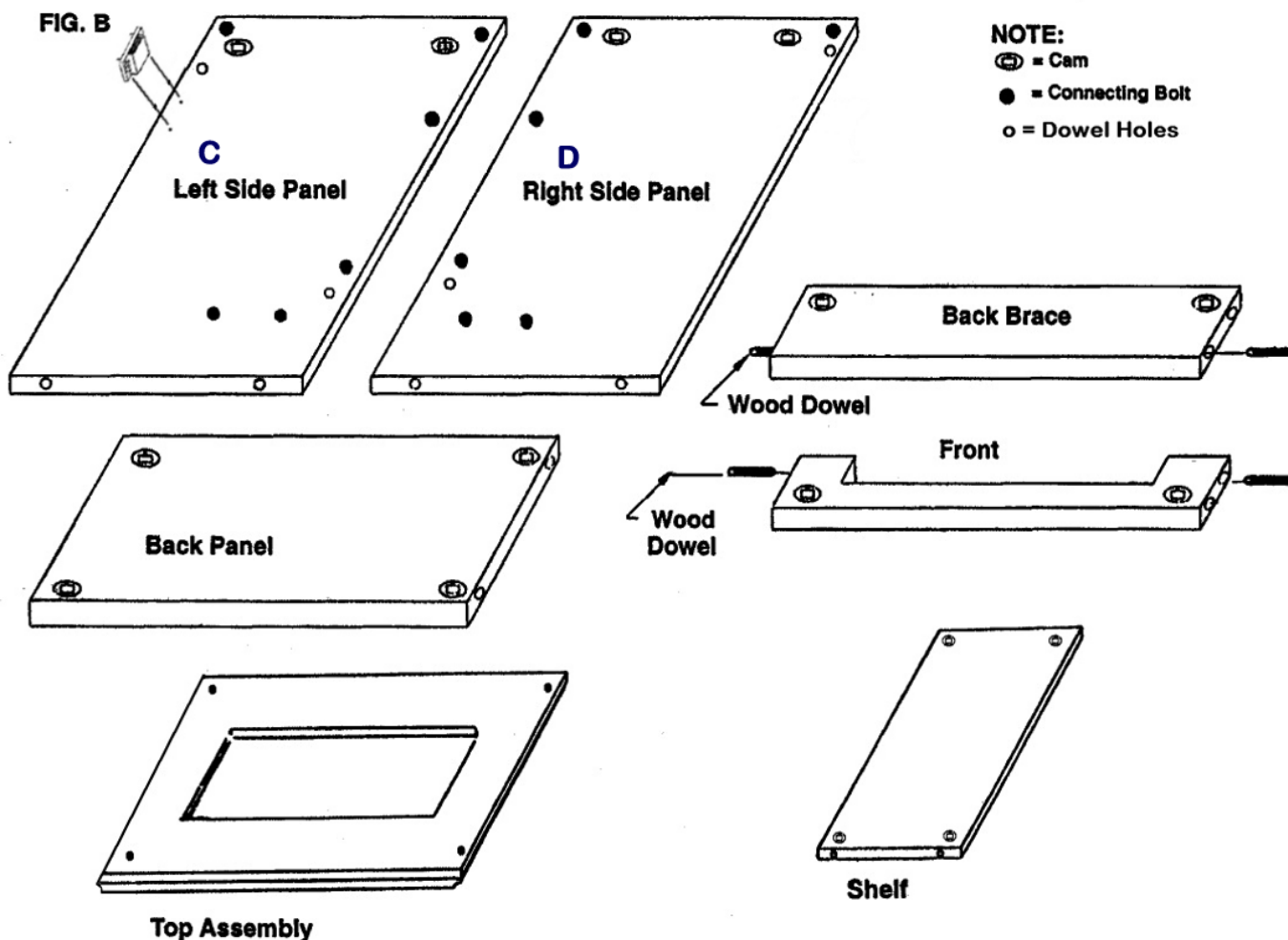


1. Position bolt in pre-drilled hole and turn until tight.
2. Press cam into pre-drilled hole until flush with surface.
3. Insert bolt through pre-drilled hole in edge of panel.
4. To lock, rotate cam until tight, using allen key provided.

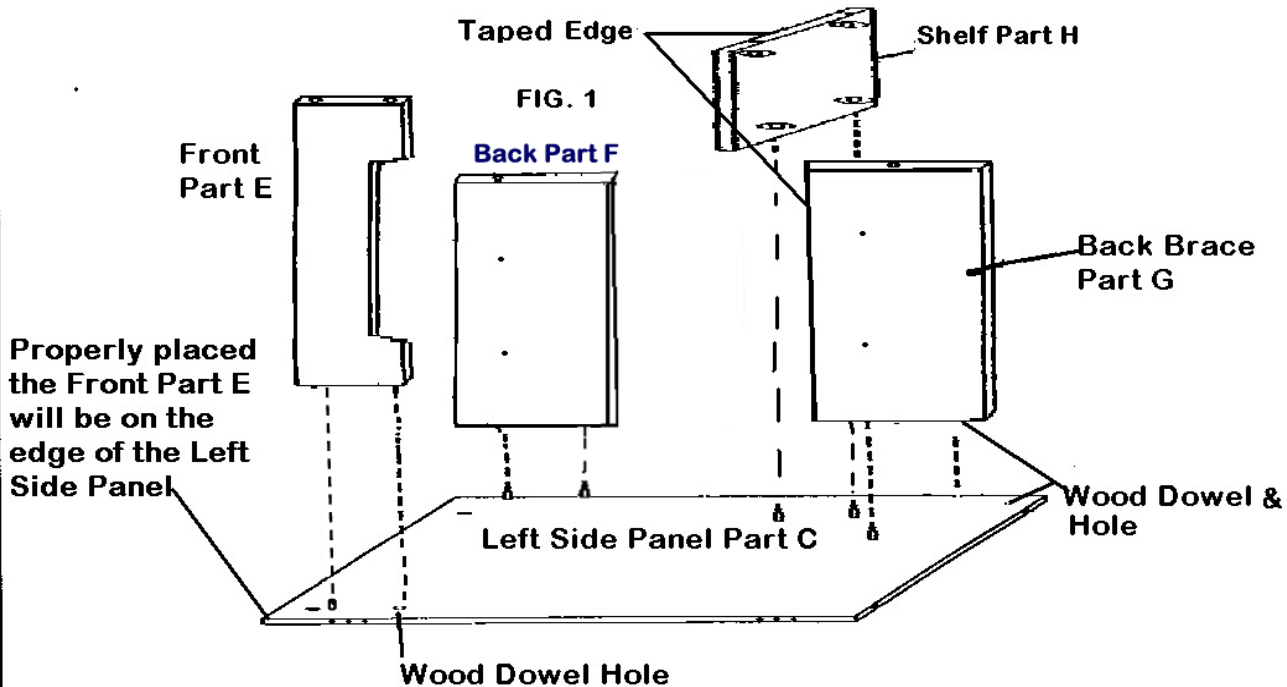
Cabinet Assembly:

Place left side panel part C, right side panel part D, back brace part G, back panel part F and front part E on a flat surface. Press the 16 cams into the holes provided (as shown in FIG. B). Point arrow on cam towards hole connecting bolt will enter. Insert wood dowels into pre-drilled holes on each end of the back brace part G and the front part E as shown below. **Insert Connecting Bolts into holes in Side Panels and Top Assembly as shown below.** Attach door magnet to right side panel part D using (2) # 6 x 5/8" screws into the pre-drilled holes. Be sure to keep the magnet stikes (metal) facing towards the front edge of the right side panel part D. As shown below.

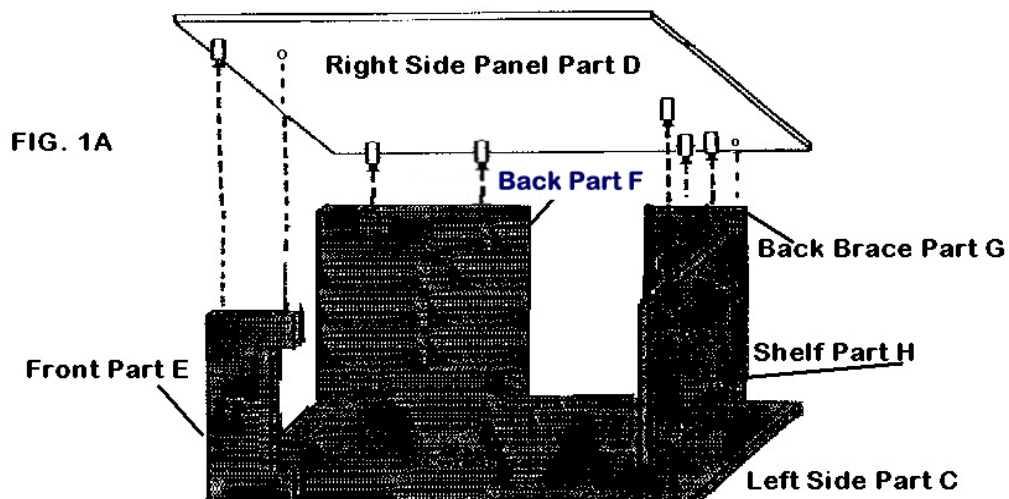
FIG. B



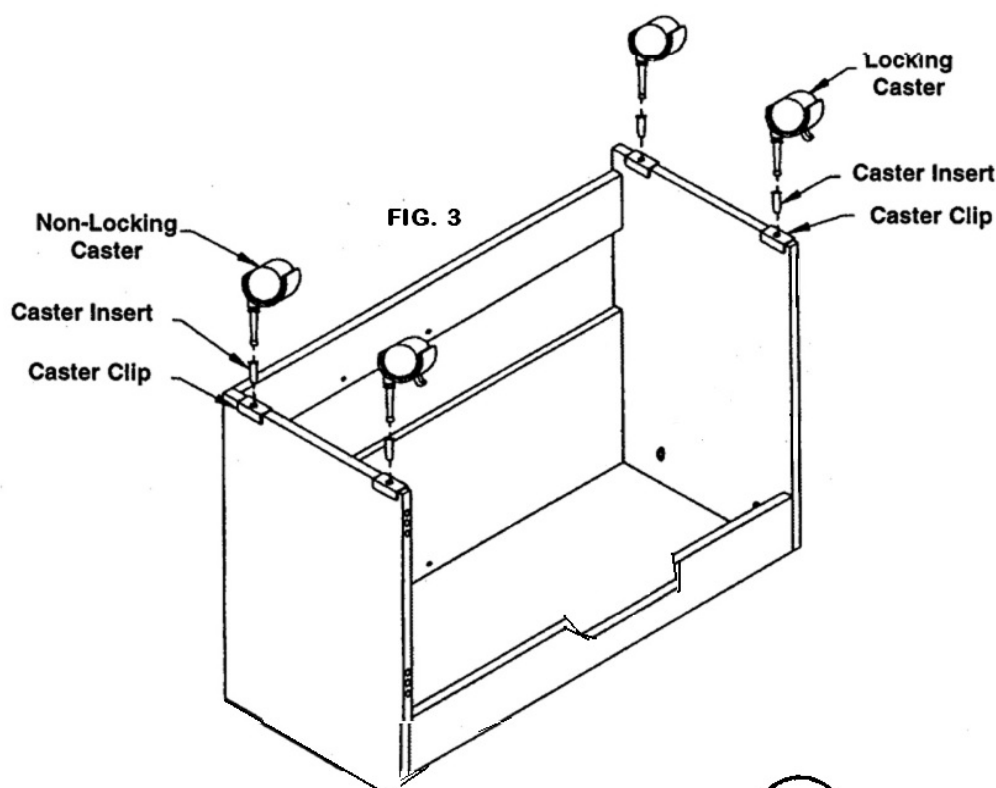
Step 1. Attach Back Part F on to the Left Side Panel Part C by guiding 2 connecting bolts into the cams. Turn cams to locked position, using a screwdriver or allen key. Cams will face the back of the unit when complete. Attach Shelf Part H to the Left Side Panel Part C, turn cams to locked position. Attach Front Part E and Back Brace part G to the Side Panel Part C. Line up the cams to the connecting bolts and the wood dowel to the dowel holes. Turn cams to the locked position. See FIG. 1



Step 2. Attach Right Side Panel Part D to the Back Brace Part G, Back Part F, Front Part E and the Shelf Part H by guiding the connecting bolts into the cams and the wood dowels into dowel holes. Turn cams to locked position using a screwdriver or allen key. See FIG. 1A



Step 3: Install 4 caster clips over holes in Right Side Panel part D and Left Side Panel part C. Once caster clips are in place, use a mallet to tap 4 caster inserts into caster clips and panels. Next tap the casters into the caster inserts. The locking casters should be placed at the front of the cabinet for easier access and the non-locking casters in the back of the unit. See FIG. 3 and 3A below. To get caster stems all the way in you will need to use a mallet to gently tap down. Cover the caster with a towel or piece of wood to protect it from damage.

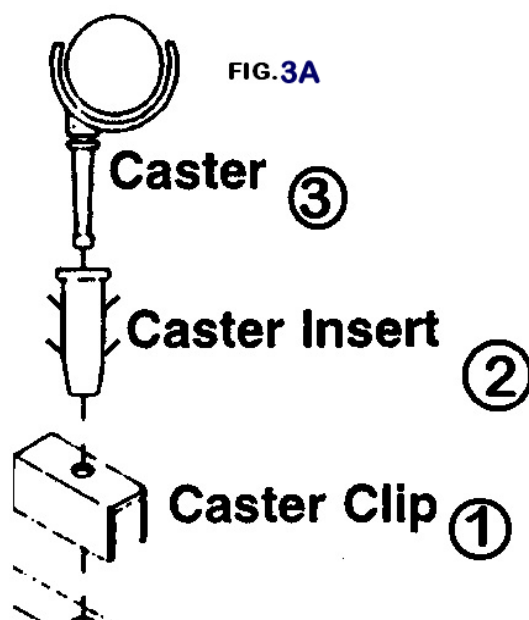


WARNING! WE WILL NOT WARRANTEE THE SIDE PANELS FROM DAMAGE CAUSED BY THE CASTERS SPLITTING THROUGH. THIS DAMAGE IS ONLY CAUSED BY 3 THINGS:

1. NOT PROPERLY INSTALLING THE CASTER CLIP FIRST BEFORE PLACING THE CASTER INSERT.

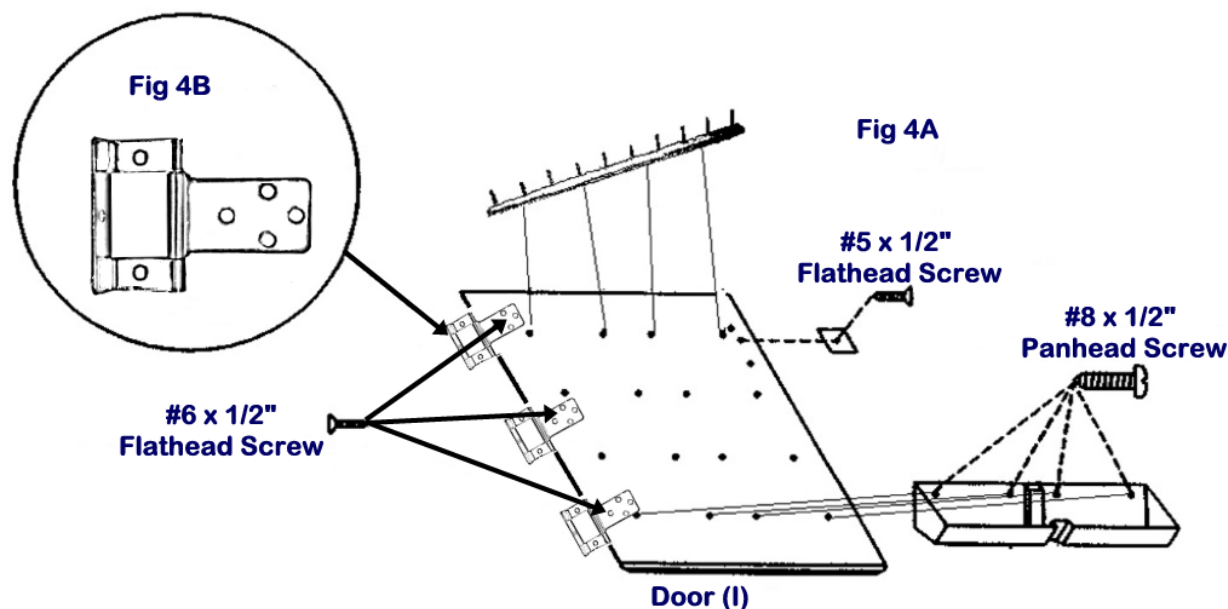
2. MOVING THE UNIT WITH THE CASTERS IN THE LOCKED POSITION. ALWAYS UN-LOCK FRONT BEFORE MOVING.

3. WHEN FLIPPING THE UNIT OVER, TIPPING THE UNIT TO ONE SIDE PLACING PRESSURE ON THE CASTERS INSTEAD OF COMPLETELY FLIPPING THE UNIT OVER ONTO ALL 4 CASTERS.

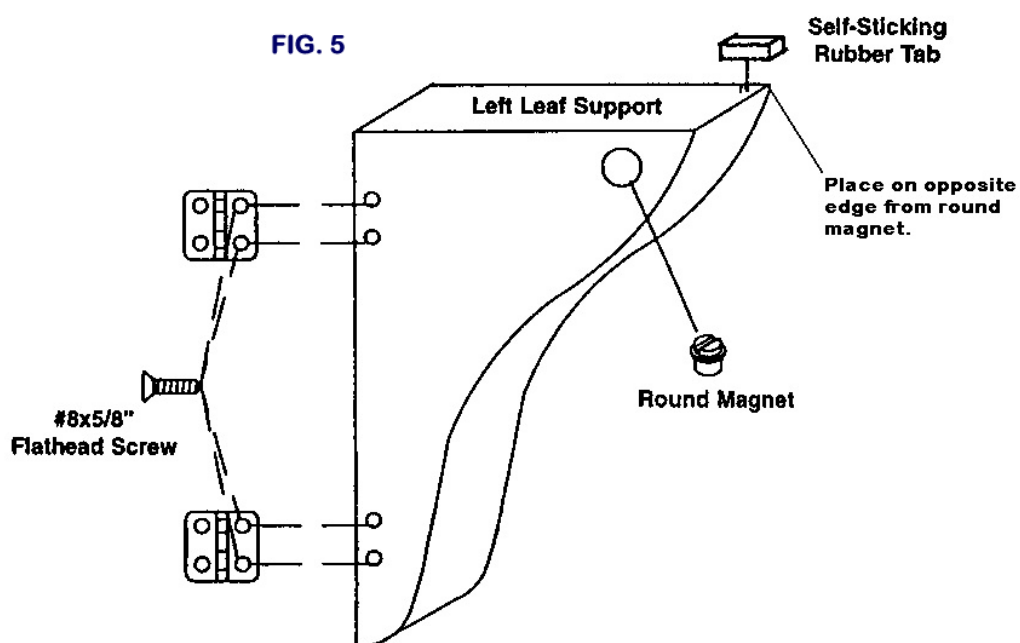


Step 4. Attach the thread spindles and plastic trays to the Door Part I by inserting the (16) # 8 x 1/2" Panhead screws into the door. The 2 thread spindles will go in the top rows in the pre-drilled holes and the 2 plastic trays in the bottom rows in the pre-drilled holes. The larger plastic tray should be placed in the last row.

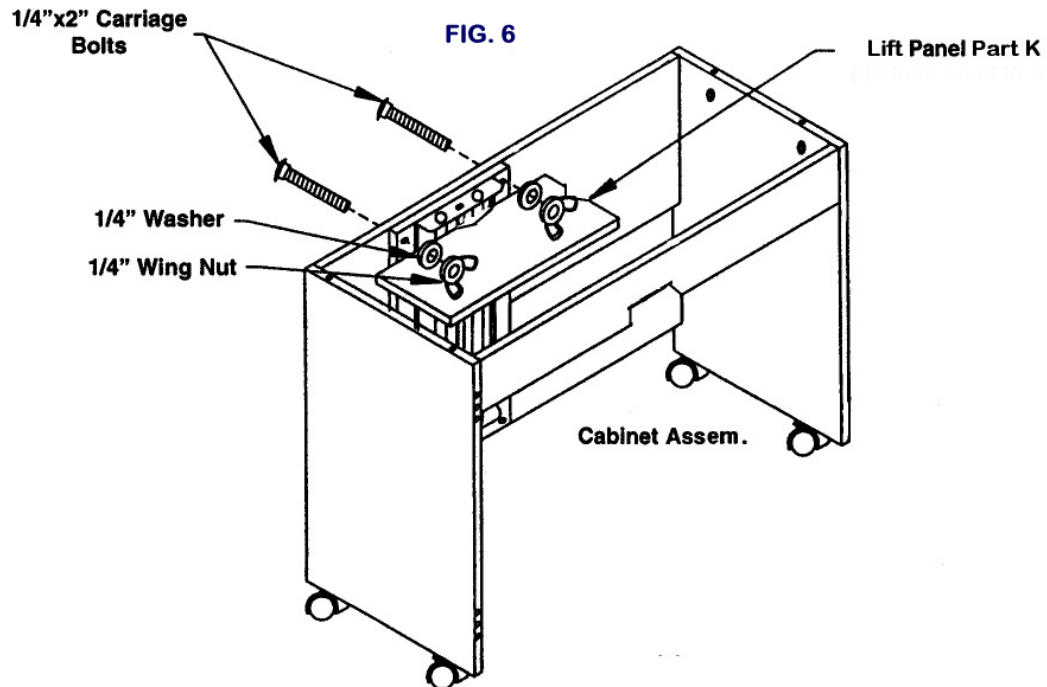
Attach magnet strike plate with (1) # 5 x 1/2" Flathead screw to the Door Part I. Attach (3) door hinges to the Door Part I with (12) # 6 x 1/2" screws (as shown in FIG. 4A and 4B). The long end of the hinge attaches to the Door.



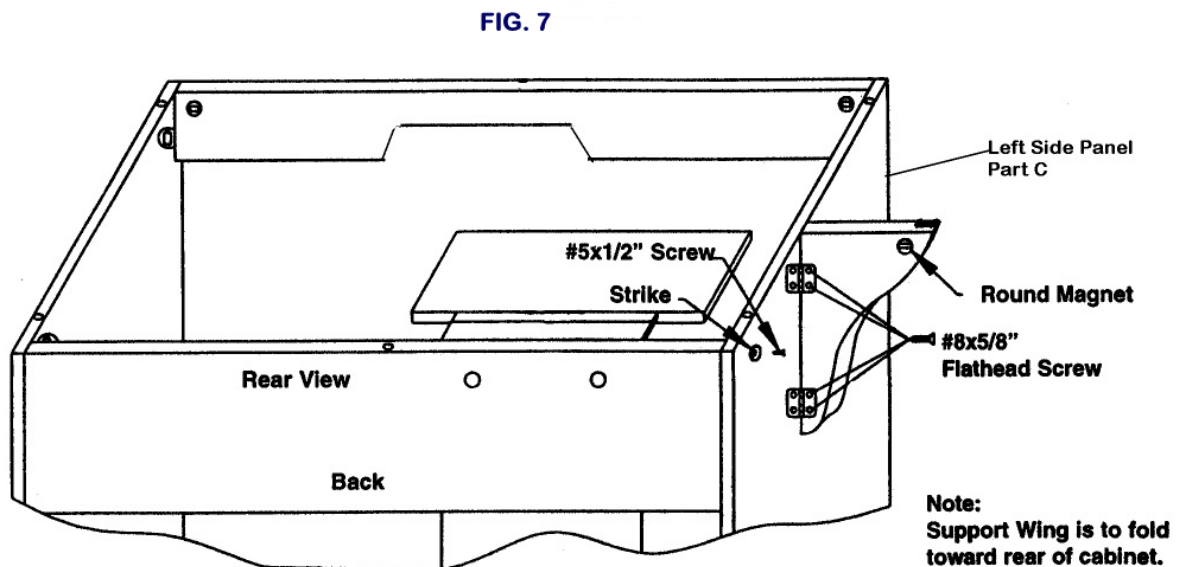
Step 5: Attach (2) support hinges to the Leaf Support Part L with (4) # 8 x 5/8" flathead screws; insert round magnet into the hole in Leaf Support Part L (as shown in FIG. 5). Use a mallet to pound round magnet into hole. Attach self sticking rubber tab to Leaf Support Part L even with the edge & end. Tab should be placed on opposite edge from round magnet.



Step 6 Attach Lift Panel part K to Cabinet Back part F using (4) 1/4" x 2" Carriage Bolts. Hang the Top 2 Bolts in Cabinet Back part F put on Washers and Wing Nuts and tighten (as shown below). The remainder Bolts, Nuts and Washers place on Back Brace part G and tighten down. Before tightening carriage bolts use a hammer to tap bolt completely into back panel and back brace, so the head of the bolt is flush.

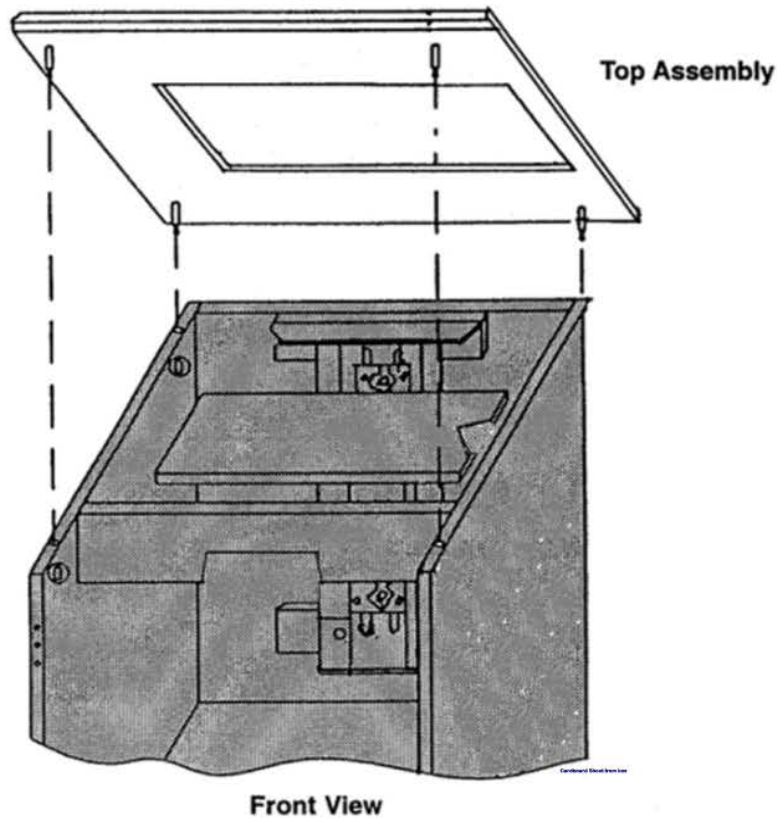


Step 7 Attach the (1) Leaf Support Wing part L to outside of Left Side with (4) #8 x 5/8" Flathead Screws. Attach the (1) Bronze Strike Washer for the Round Magnet to the side with (1) #5 x 1/2" Flathead Screw (as shown in FIG. 7).



Step 8 With an assistant grasp the top and leaf together (top assembly) Parts A & B and guide Connecting Bolts into the corresponding holes in the side panels Parts C & D (as shown in FIG. 8). Turn cams to the locking position.

FIG. 8



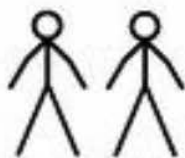
Step 9 Preparation for the Assembly of the Air Lift Mechanism.

Gather items needed:

Styrofoam from box



2 people



Cardboard Sheet from box



Scissors or Cutting Knife



10mm Wrench and Adjustable Socket Wrench



Step 10 Remove Universal Insert from Inside of Top



With 2 People CAREFULLY Tip cabinet over on its top. Support Leaf as you turn unit over.



Place Platform part J under the Top. Cut out on platform will go in back under the airlift.



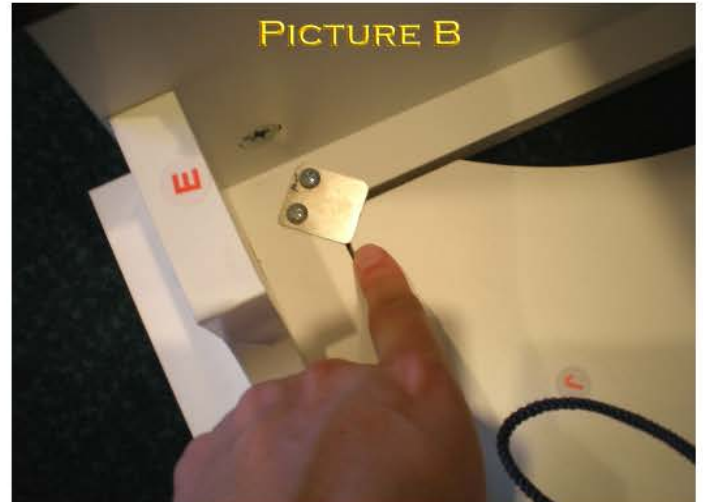
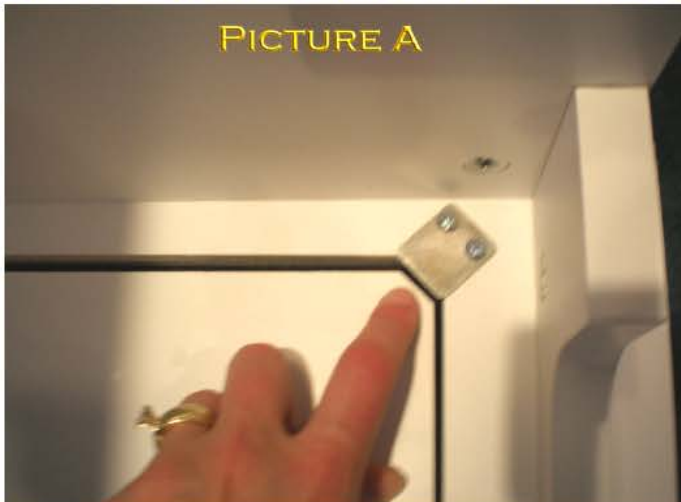
Step 11 Place 5/8" Styrofoam under the top at the back of unit.



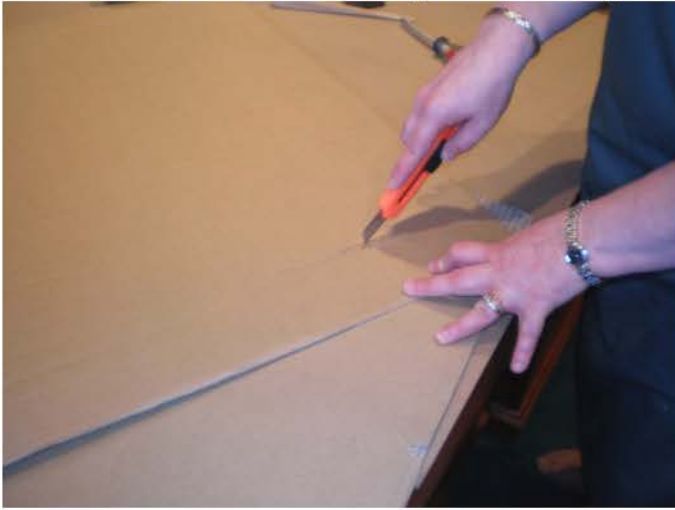
Take metal wings and attach them to the air lift using the eight 6 mm hex nut bolts, 4 bolts per wing. Attach the bolts on loosely as you will tighten them down in a later step. The metal wings are placed on the inside of the airlift carriage flanges facing outward, as shown below. Remove Styrofoam



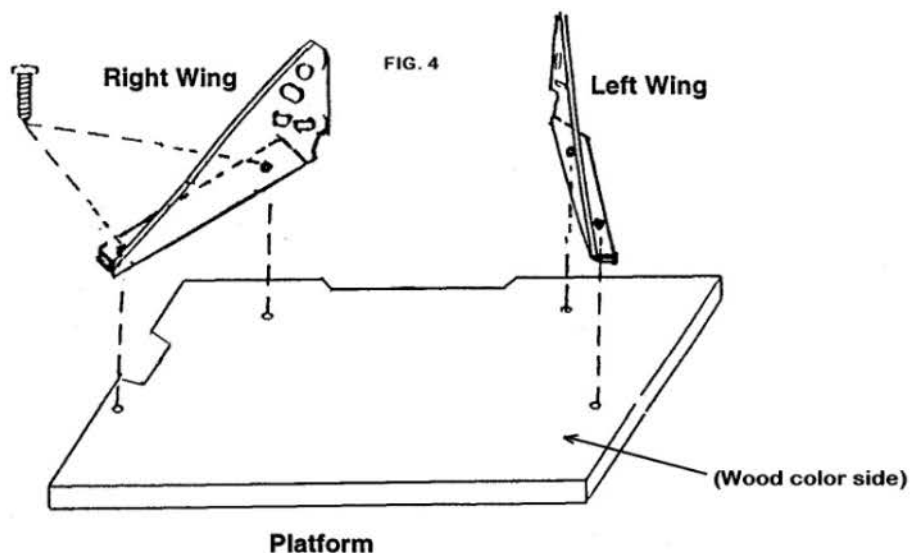
Adjust platform in top opening, so the platform is lying square not hitting the sides, the back or the metal insert rests in each of the four corners. Picture A shows clearance, picture B shows no clearance. Move the platform around to make sure all sides have clearance.



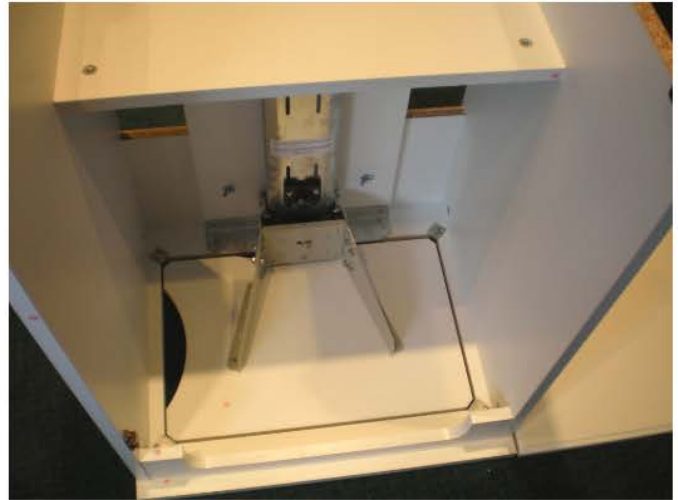
Step 12 Cut cardboard sheet into 6-8 strips of 6" long x 2" wide. Place cardboard strips around platform to keep the platform square.



Attach the metal wings to the platform using (4) #8 x 1/2" brass panhead screws, drill into pre-carved holes on platform. The long flanges on the wings face outward and toward edge of platform.



Step 13 Using 2 people on a level surface, tighten down the 8 hex nut bolts on the metal wings and airlift carriage with your wrenches. To prevent platform from rising up when tightened have the second person from behind the cabinet press firmly down on the platform as the other person tightens the bolts. Remove Cardboard from all corners. Platform should be on secure level. Check that wings are tight to airlift and platform.



Turn cabinet up onto its casters.



Next attach the Door Knob using (1) 8/32 x 1" Bolt to the front of the Door Part I.

8/32 x 1

Post

#6 x 1/2"
Flathead Screws

8/32 x 1

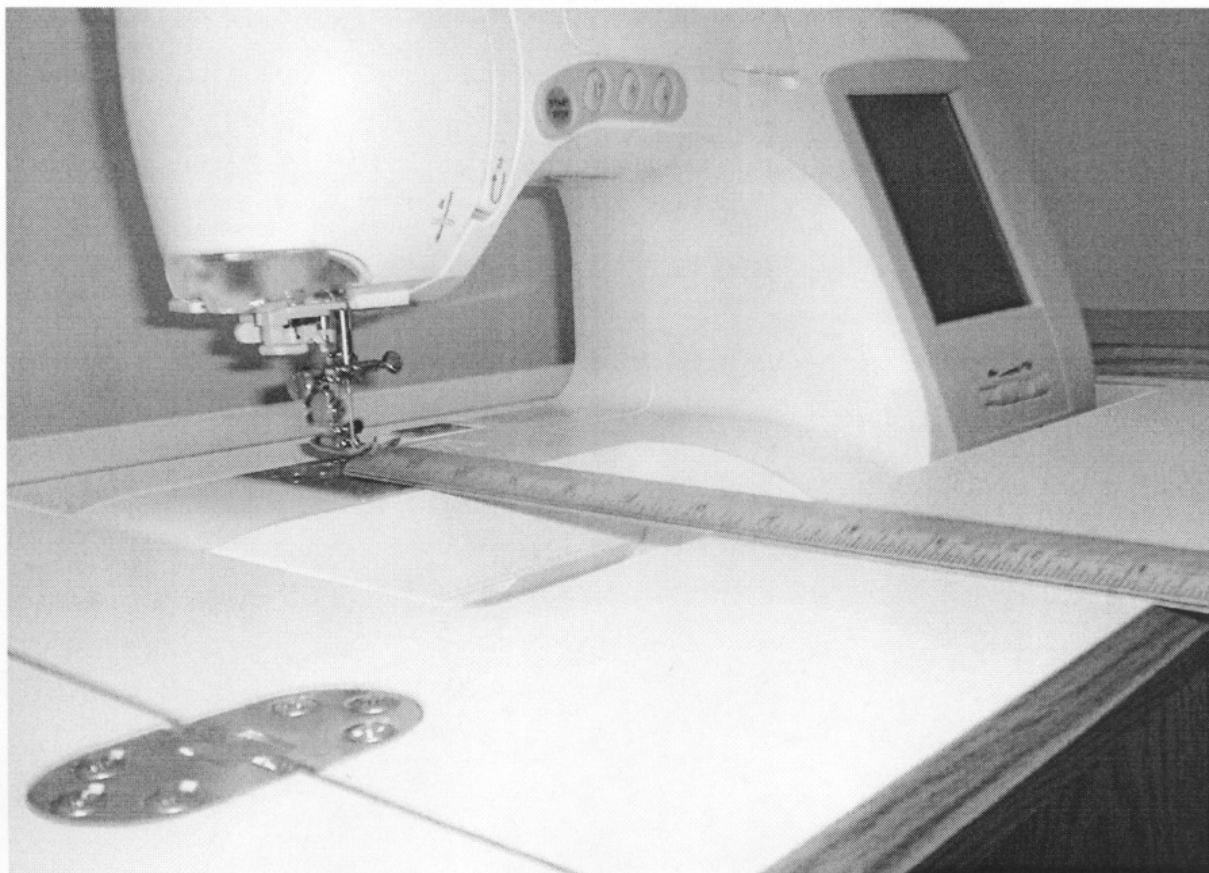
Adjusting the Platform Height for the Flatbed

The Air Lift has 3 positions for your sewing machine: storage, flatbed and freearm. The flatbed position is the second position on the Air Lift and is the position most sewers will sew in. The tip of the needle on your sewing machine should be level with the edge of the cabinet for proper positioning in the flatbed position as seen in the below picture. If your needle is sitting too far down in the cabinet or too far above the edge of the cabinet you will need to adjust your Air Lift.

Follow these simply instructions for adjustment of your Air Lift:

1. Place your sewing machine on the platform inside the cabinet.
2. Place the Air lift mechanism in the top position or freearm position.
3. Tuck your head under the cabinet looking at the Air Lift Mechanism.
4. You will notice the Air Lift has 3 black square boxes on it. The middle black square box has a scale behind it.
5. Go to the middle black square box and loosen the 2 silver hex nuts using an 8 mm wrench.
6. Move the platform where your sewing machine is sitting down to the desired flatbed position. Remember the tip of the needle should be level with the edge of the cabinet.
7. Once you have the desired position look under the cabinet at the scale to see what mark the scale is at.
8. Move the platform back to the top position or freearm position.
9. Move the black square box to the correct number on the scale and re-tighten down the hex nuts using an 8 mm wrench

If the platform returns to its original flatbed position you have not tightened the hex nuts down tight enough.

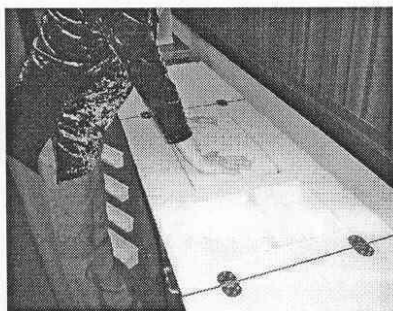


How To Work the Air Lift Mechanism

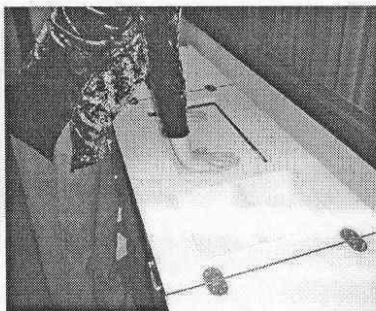
The Air Lift has 3 positions for your sewing machine: storage, flatbed and freearm.

Follow these simple instructions to move the Air Lift into the 3 Different Positions:

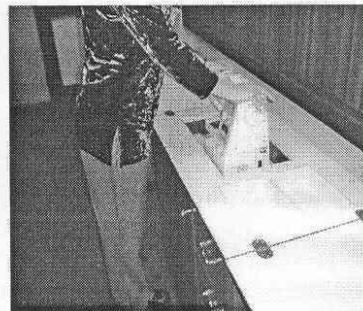
- 1) Once your cabinet is fully assembled you can begin moving the Air Lift
- 2) To activate the mechanism for the first time open the door on the cabinet and push down with 2 hands on the platform and release, as shown below in pictures 1 and 2.
- 3) The top position known as the freearm position usually takes 2 small pushes to activate. The freearm position has more resistance than the other two positions.
- 4) Once you are comfortable moving the platform up and down into the 3 positions place your sewing machine on the platform.
- 5) Before moving the platform with your sewing machine on it, check to see that your machine is sitting centered on the platform and will not hit the sides of the cabinet as it moves up and down in the cabinet.
- 6) Push down on your sewing machine sitting in the cabinet to activate the Air Lift, as shown below in picture 3.
- 7) Heavier machines (20 pounds or more) may move slower than other lightweight machines and may need assistance as they move into the top positions. Heavier machines may require you to lift slightly on the platform for machine to lock the Air Lift into position.



Picture 1



Picture 2



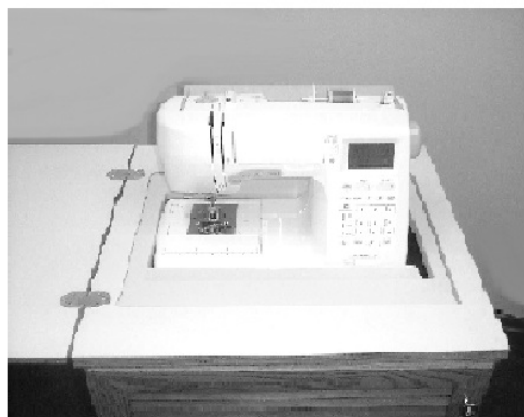
Picture 3

Your Airlift Sewing Cabinet has 3 separate positions on the mechanism. (1)Freearm or the top position, (2)flatbed or the second position on the mechanism and (3)storage the final position.

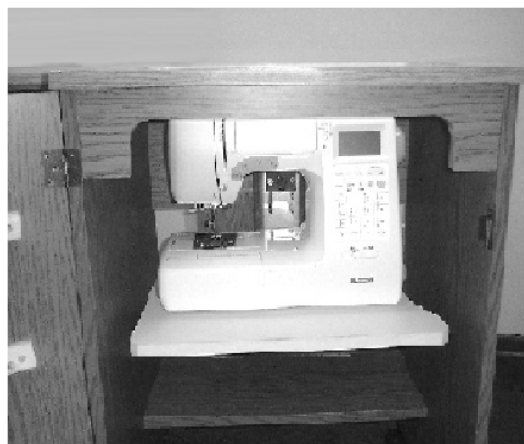
A plastic universal insert comes with your cabinet. This insert is to be used only in the flatbed position of the cabinet . A custom insert can be purchased separately.



1. Freearm

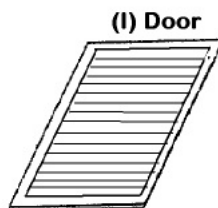
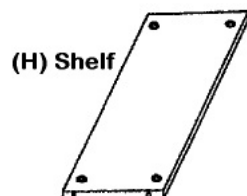
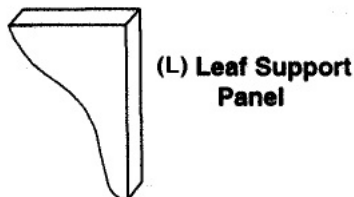
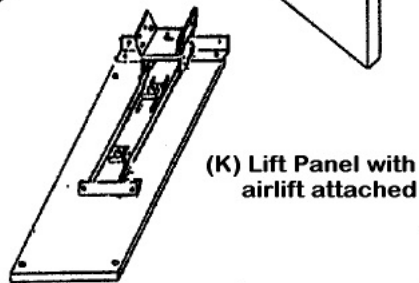
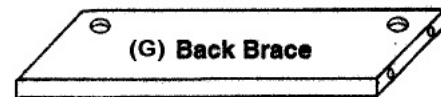
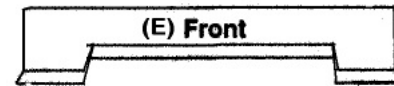
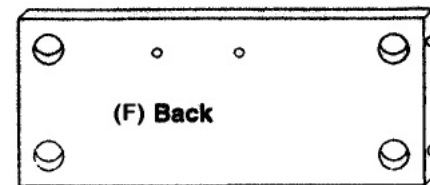
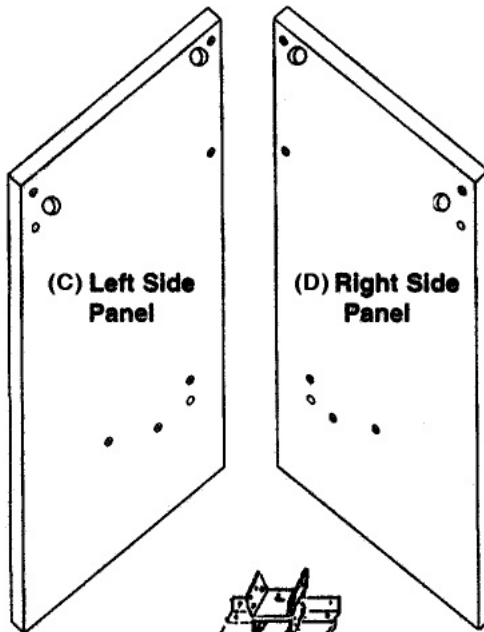
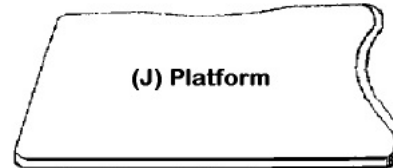
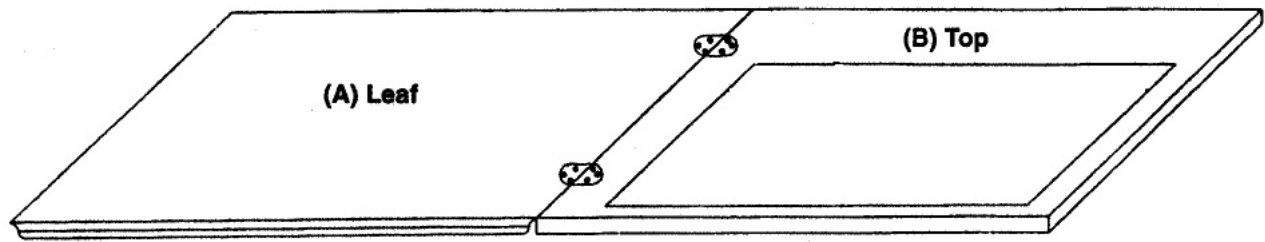


**2. Flatbed/with
Universal Insert**

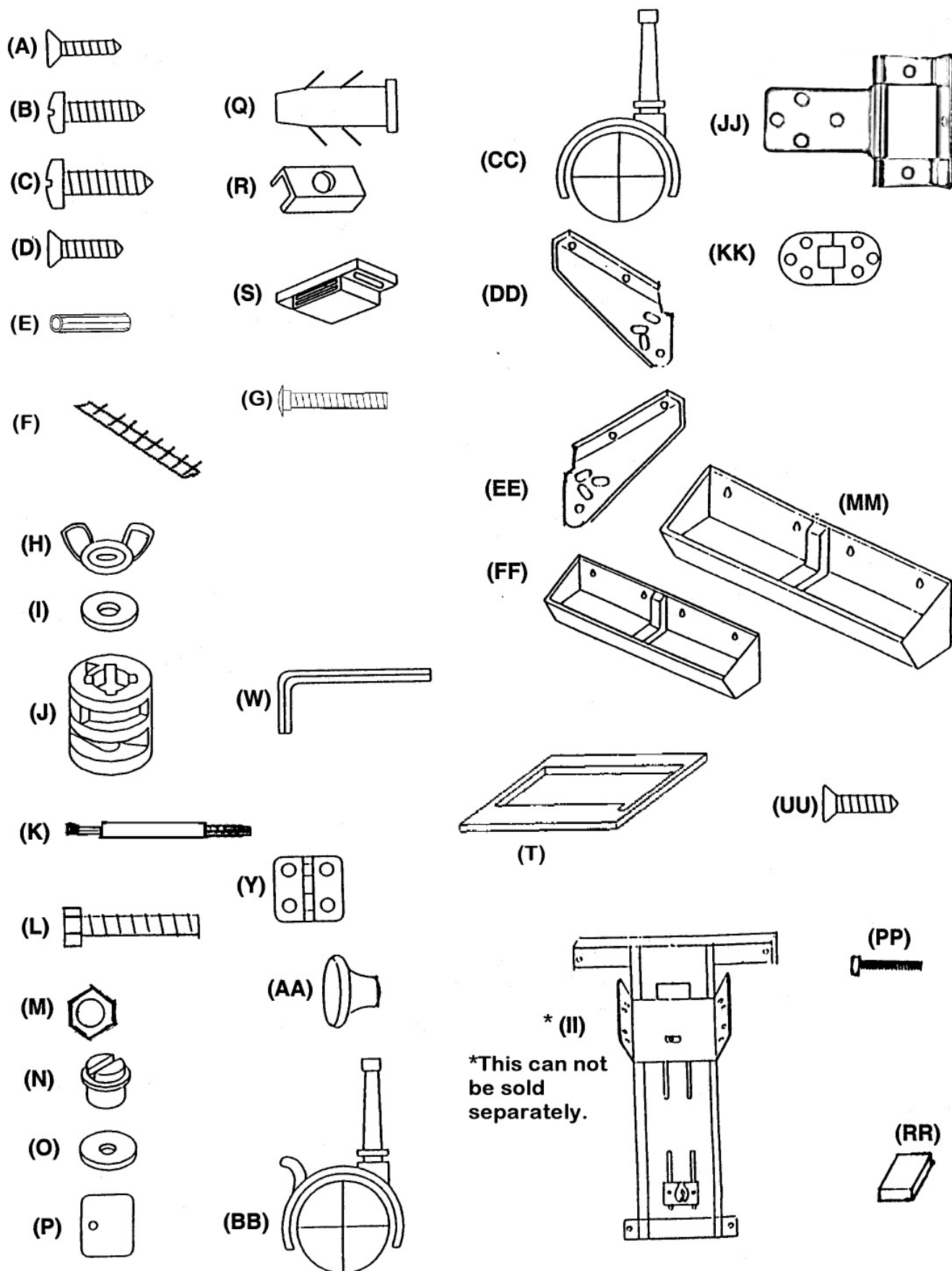


3. Storage

Wood Parts List



| REF. | DESCRIPTION | 503 Black | 500 OAK | 501 WHT |
|------|------------------|-----------|---------|---------|
| L | LEAF SUPPORT | 005132 | 003012 | 005131 |
| A | LEAF | 005133 | 005010 | 005120 |
| B | TOP | 005134 | 005011 | 005121 |
| C | LEFT SIDE PANEL | 005135 | 005012 | 005122 |
| D | RIGHT SIDE PANEL | 005136 | 005013 | 005123 |
| E | FRONT | 005137 | 005014 | 005124 |
| F | BACK | 005138 | 005015 | 005125 |
| G | BACK BRACE | 005139 | 005016 | 005126 |
| H | SHELF | 005140 | 005017 | 005127 |
| I | DOOR | 005141 | 005018 | 005128 |
| J | PLATFORM | 005142 | 005019 | 005129 |
| K | LIFT PANEL | 005143 | 005020 | 005130 |



* (II)
 *This can not
 be sold
 separately.

Part Numbers

| Ref. No. | Description | Part No. |
|----------|--------------------------------|----------|
| A | #5x1/2" Flathead Screws | 000916 |
| B | #6x5/8" Panhead Screws | 000083 |
| C | #8x1/2" Panhead Screws | 002614 |
| D | #8x5/8" Flathead Screws Bronze | 002570 |
| E | Wood Dowel | 002549 |
| F | Thread Spindle | 005021 |
| G | Carriage Bolt | 001319 |
| H | Wing Nut | 000488 |
| I | Zinc Flat Washer | 000220 |
| J | 19mm Cams | 000709 |
| K | Connecting Bolts | 002892 |
| L | 10 mm Hex Head Bolt | 003175 |
| M | 10 mm Hex Nut | 003176 |
| N | Round Magnet | 002854 |
| O | Bronze Strike Washer | 000839 |
| P | Strike Plate | 002192 |
| Q | Caster Insert | 000368 |
| R | Caster Clip | 000324 |
| S | Magnet | 001644 |
| T | Plastic Universal Insert Cream | 003159 |
| T | Plastic Universal Insert White | 002644 |
| W | Allen Key | 000712 |
| Y | Hinge (Leaf Support) | 002734 |
| BBB | Hardware Bag White | 005022-W |
| AAA | Hardware Bag Oak | 005022-O |
| CCC | Hardware Bag Black | 005022-B |
| | | |
| | | |

| Ref. No. | Description | Part No. |
|----------|----------------------------------|----------|
| AA | Knob Silver for 501 | 005023 |
| AA | Knob Gold for 500 | 003170 |
| BB | Locking Caster | 001135 |
| CC | Non-Locking Caster | 001136 |
| DD | Right Wing | 003193 |
| EE | Left Wing | 003194 |
| FF | Plastic Tray Small | 003146 |
| II | Lift Mechanism | 003167 |
| JJ | Door Hinge | 002613 |
| KK | Leaf Hinge | 002733 |
| MM | Large Tray | 003158 |
| PP | Door Knob Bolt | 003192 |
| RR | Self Sticking Rubber Tab | 003174 |
| TT | Manual | 005024 |
| UU | #8x5/8" Leaf Hinge Screws Yellow | 003173 |
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*Some parts listed
may not be
pictured on
previous page like
manual or
hardware bag.

Frequently Asked Questions About Sewing Cabinets

Q: Is the platform that I set my sewing machine on in the 500/501/503 series cabinets adjustable?

A: Yes, just loosen up the two bolts on the middle black square bracket with the scale located on the airlift mechanism and either raise the platform up or down. To tighten the bolts down use an 8 mm wrench. If the platform returns to the same position the bolts are not tighten down enough.

Q: My Door appears to have 2 different color laminates, is this a defect?

A: No, this is not a defect the Door is a 2-toned laminate.

Q: My Door is not level with the front of the cabinet, is there something wrong?

A: The Door will have a slight sag, different floors will cause the sag to be more pronounced.

Q: Do I need to bolt my sewing machine down to the platform in the cabinet for the airlift mechanism to work properly?

A: No. It is not necessary to mount your sewing machine down. The Air-Lift will work with or without the sewing machine being mounted down. We recommend that no sewing machine should be bolted down.

Q: The platform my sewing machine is on is not level, what do I do?

A: Loosen up the eight 6mm hex nuts and bolts located underneath the platform on the steel wings. Once all the bolts are loose have an assistant hold the platform in place, while another person re-tightens the bolts.

Q: My rubber bumpers keep falling off my leaf support, what do I do?

A: The rubber bumpers should always go on the outside edge of the leaf supports. If you need new bumpers call 1-800-533-7347. To clean the surface of the leaf support before putting new bumpers on it, use a product like Goo Gone.

Q: How do I know if I am missing parts for my cabinet?

A: The 500/501/503 cabinet ships in 2 boxes, weighing 40 & 42 #'s. Review the parts list and call us at 1-800-533-7347 and we will ship the part you need. Our office is open Monday through Friday 8:00 till 5:00 Central Standard time.

Q: My cabinet did not come with an insert listed as part number 9801, why?

A: The insert is a special order piece made to the dimensions of the sewing cabinet opening and the brand name/ model number of your sewing machine. The machine specific insert is not a stocked item, so the insert will ship separately from the cabinet. For further questions on machine specific inserts please call 1-800-533-7347.

Q: My Airlift mechanism seems stiff and won't lift my machine all the way up, why?

A: The Airlift mechanism does not do all of the lifting; it assists you in lifting the machine. For larger heavier machines you must lift up on the platform or machine to help the Airlift lock into place.

Q: My sewing machine does not fit in the plastic insert or my machine still has gaps around it.

A: The universal insert which is included with the cabinet will only accommodate machines that do not exceed 17" wide x 7 1/4" deep. If your machine does not fit a custom insert can be purchased, please call Arrow at 1-800-533-7347.



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