



CARL GOLDBERG MODEL PRODUCTS LTD.

MONSTER 707E

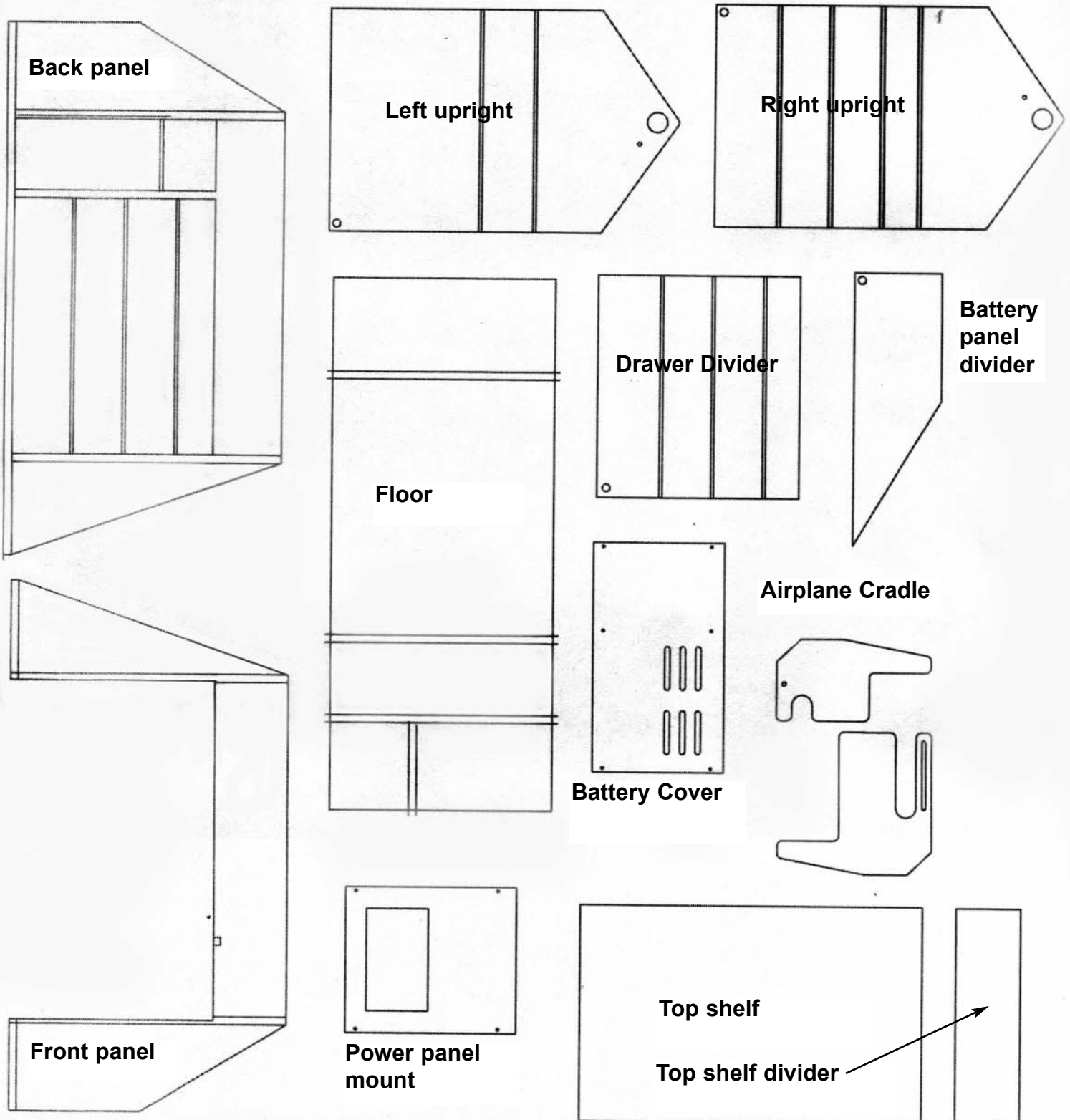
Assembly Manual



Monster Tote

Router cut part identification

All the drawer parts are bagged separately so they may be easily identified.

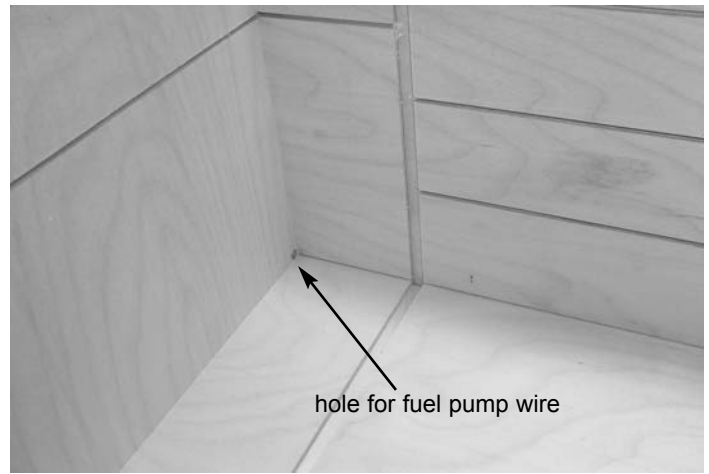
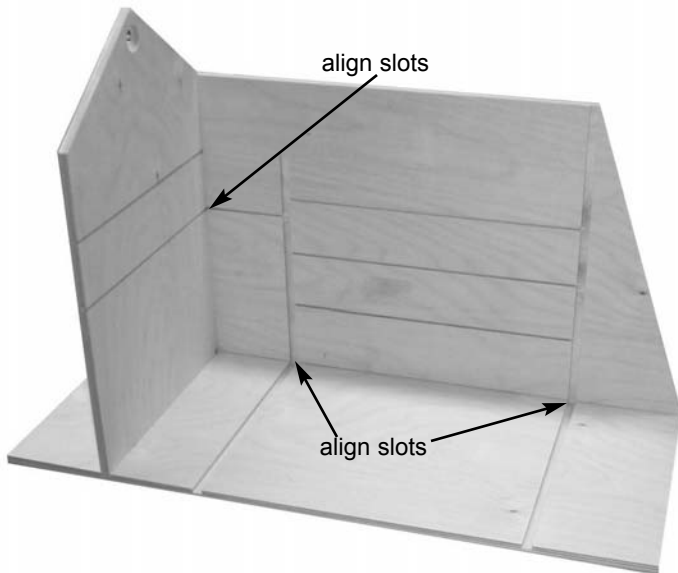


Safety instructions and warnings for Carl Goldberg Flite Boxes

Important: For your own safety and that of others,
observe the following instructions and warnings:

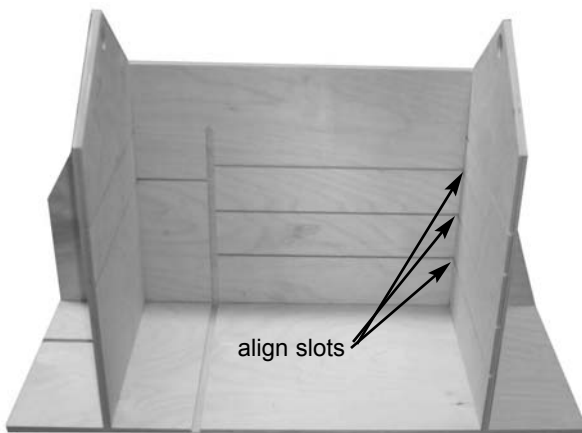
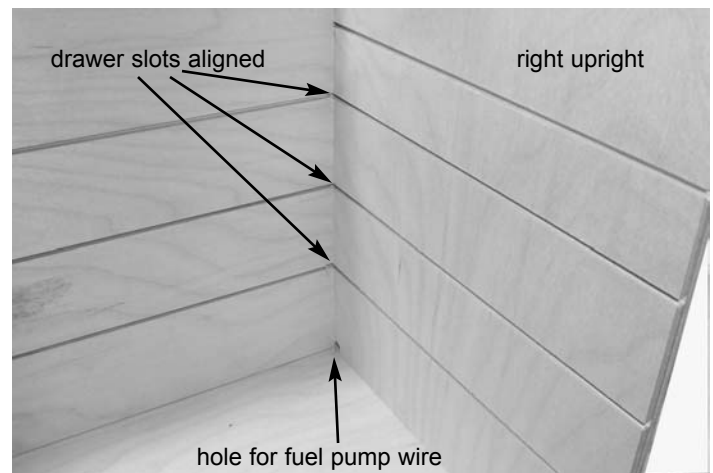
1. Never use the flite box for engine testing or while an engine is running. The cradles are designed only for holding the model when building, repairing or storing.
2. Remember that model fuel is highly flammable and explosive!! Therefore, treat it with utmost care. Do not allow anything to come near the can that could set off a spark; do not smoke or bring any flame near the fuel can. Use care when carrying your Tote so as not to drop the unit with the can on or in it or bang the can. If you store any battery (e.g. glow plug starter battery) or electrical device in your Tote, make certain that no short circuit can occur; wrap the plug end in insulation and keep terminals from shorting out.
3. Make certain any fuel can mounted on your Tote does not leak; inspect frequently for this. Make certain it is sealed tight and that it does not come in contact with any battery, electrical device, tool, or anything that might cause a spark or excessive heat.
4. If you mount any kind of power panel into your Tote, be certain to run its leads so as to avoid shorting out, causing sparking or excessive heat; the same precautions must be used when mounting any electric fuel pump in your Tote.
5. **At all times and in all cases--**
Remember that you are carrying highly flammable fuel close to batteries, tools and other devices that may cause sparks, short circuits or cause heat high enough to ignite the fuel.
Use good common sense. Keep all pump wiring or panel wiring you choose to install in good condition and safely wired without crowding.
DON'T keep matches, lighters or anything in your Tote that might cause a spark or flame.
6. Keep your Tote out of the way of any running engine or its exhaust.
7. Store your Tote in a safe place-keeping children and others away from your Tote at all times. Do not carry or store in the trunk of a car during hot weather.
8. From time to time inspect all fastener used to hold components on your finished Tote to be certain they are secure.

The Failure to obey these safety instructions and warnings may result in fire, explosion or other casualty causing serious personal harm or property damage to yourself or others!

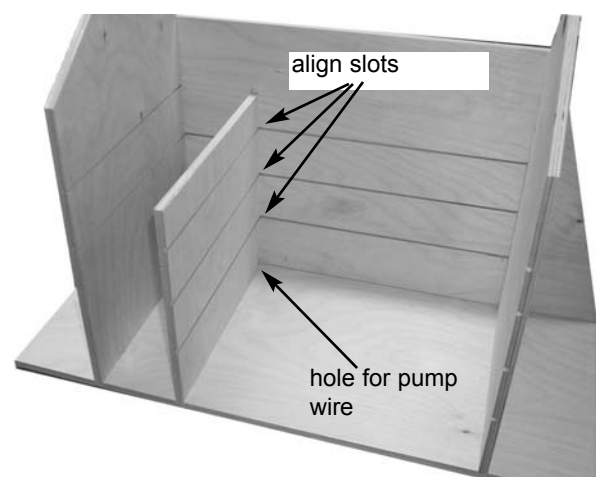


The rear lower corner of both uprights has a hole to pass the wire from your power panel to the fuel pump. There is enough room behind the drawers to run the wire.

1. □ Begin construction by locating the bottom, rear panel and left upright. Sand any burrs left from the cutting process on the edges of the dado slots. Lightly sand the bottom edge of the upright where it fits into the dado slot. Trial fit the upright into the dado slots on the floor and in the back panel. Align the back panel on the floor making sure the dado slots line up. Now insert the upright in the floor and the back panel dado slots. Make sure the 1/8" dado slots for the drawers line up on the back panel and the upright. When satisfied with the fit you can use CA glue or disassemble and use white glue.



2 □ Locate the right upright and fit into the matching dado slots on the floor and back panel. Make sure the drawer slots on the back panel are aligned with the slots on the upright.



3. □ Fit the drawer divider in the dado slots on the floor and back panel. Be sure and turn it so the side with three slots faces the right upright. Align the dado slots for the drawer shelves with the back panel.



4. □ Install the lower drawer shelf (1/8" x 10-3/4" x 12-5/8") by sliding into the dado slots in the right upright and the drawer divider. Make sure it goes into the slots on the back panel.



8. □ Install the top shelf into the dado slots on each upright. (1/8" x 10-1/2" x 16-5/8")



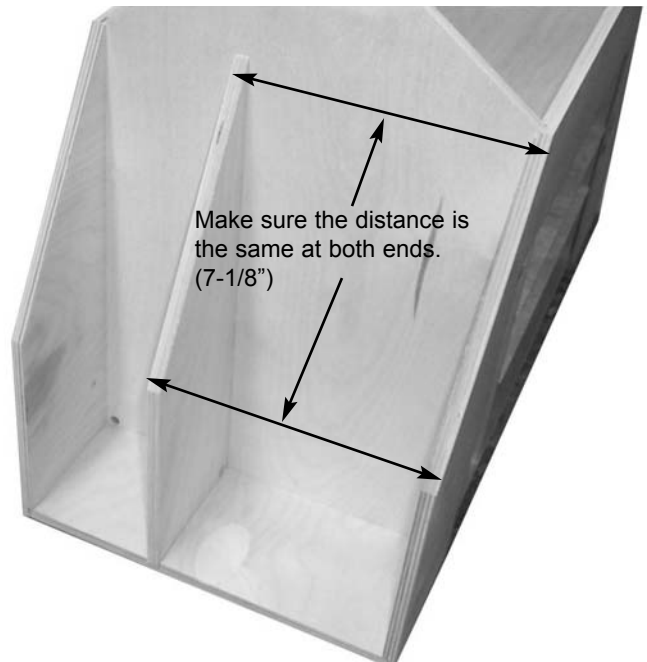
5. □ Install the other two drawer shelves in the same manner. (1/8" x 10-3/4" x 12-5/8")



9. □ Install the front panel. Fit into dado slots along the bottom and each upright.



6. □ Install the small drawer shelf (1/8" x 10-3/4" x 3-7/8") between the left upright and the drawer divider in the same manner.



10. □ Install the battery panel divider in the dado slot in the floor. Make sure it is vertical so the power panel will fit.



11. □ Tape the battery box cover in place flush with the front and back panel and the floor. Tape the power panel in place flush with the front panel and sitting on top of the battery cover. Using a 5/64" drill, drill through the holes in the power panel and battery cover to make pilot holes for the #4 screws. Install the 10 #4 x 3/8" sheet metal screws to hold the panels in place.



13. □ The top shelf divider can be installed in the middle or at any spacing you desire. It is 1/8"x3.156"x10.43".

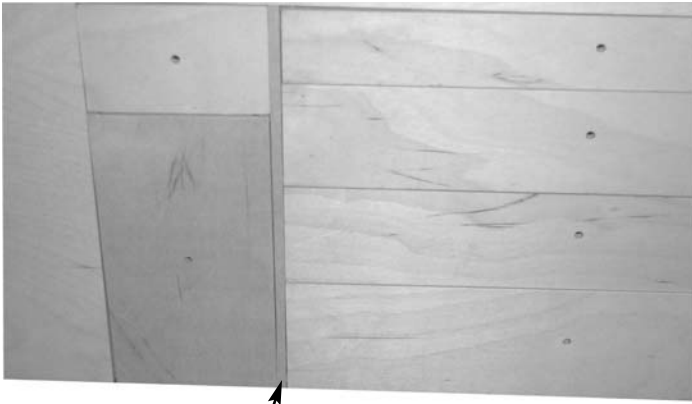
14. □ This finishes the assembly of the box. You will now need to build the six drawers. Each drawer is bagged separately to help you identify the parts. It is suggested you open one bag at a time and complete that drawer.



12. □ Install the 1" wooden handle in the holes on each upright. Due to the tolerance of wooden dowels, the holes will probably be very tight and may require sanding to get a good fit.



15. □ After the drawers are built you can install the drawer pulls using the #10x5/8" screw. It is a good idea to glue the knob on also.

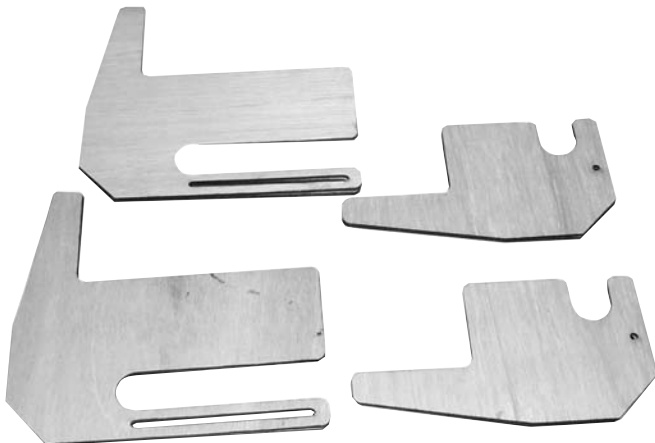


Drawer divider strip

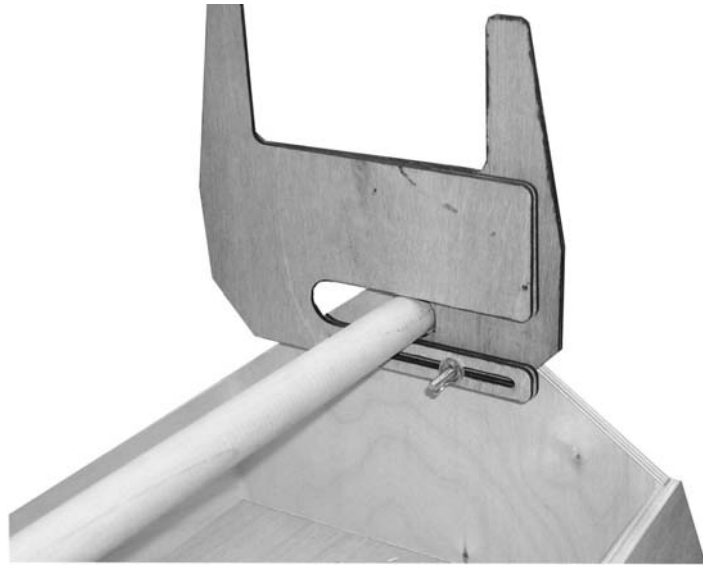
16. □ After the drawers are installed you will need to install the drawer divider strip between the two side drawers and the four main drawers. It is a piece of 5mm x 1/4" x 9-7/8" and glues to the face of the drawer divider.



17. □ Two strip of 9mm x 1" x 25" are provided for runners on the bottom of the box to space it off the ground. Glue to bottom of box approximately 1" in from front and back and centered length wise.



18. □ The cradles are made by laminating two 1/8" pieces of each cradle part together.



19. □ After the parts are laminated, install around the handle and insert the #10 x 1-1/4" bolt with a #10 washer on each side and secure with the #10 wing nut. By loosening the wing nut the cradle can be adjusted in width.



20. □ Locate the cradle foam and cut into two equal length pieces. Using a sharp knife or scissors, split the foam on one side down the entire length. The foam can now be installed on the cradle openings to protect your model.



21. □ Locate the nylon strap and drill a 1/8" hole in one end 1/2" from the end. Set your fuel jug or can in place and using the two #4x3/8" screws and #4 washes, attach the nylon strap to the front and rear panel across the middle of the fuel jug to hold it in place.

Finishing and painting

Epoxy paints are strongly recommended since they are fuel proof. However, they do have to be carefully mixed before using. Poly-urethane paints can be used right out of the can and are also fuel resistant. But, depending on humidity, polyurethane paints may be slow to dry.

For a smooth, good-looking final appearance, we recommend spending some time preparing the wood surfaces for painting. If most of your effort goes into the prep work, paint will flow and cover better, producing a high quality finish you'll be proud of. Painting alone will not hide defects. To smooth out grainy wood, joints, etc., use modeling grade wood filler, or equivalent. Even household "vinyl" spackle works well as a filler, although when dry it dents easily. Use whatever material you feel comfortable with, just be sure it sands down easily. Although more expensive, polyester resin is very easy to use since it usually only takes one coat to fill the surface. It dries to a hard surface in about an hour regardless of humidity. And it sands well.

1. So that all surfaces are unobstructed for sanding and painting, remove all screws. Set these aside for final assembly after painting. Similarly, the cradles should be disassembled so each part can be carefully sanded and individually painted.
2. Apply paste fillers using a knife blade or plastic scraper to squeegee filler into wood pores, especially in end grain of the base and upright panels. Liquid fillers should be brushed on. Repeat applications may be required. Allow filler to dry thoroughly.
3. Wrap 100 grit sandpaper on a block and flat sand all exterior surfaces of the Tote. If desired, take a little more time to smooth out interior areas of drawers and open top compartments. Interior of battery compartment does not require any sanding. Repeat sanding with 220 grit until surface begins to smooth out. Repeat steps 2&3.
4. Remove all sanding dust from surfaces. Apply a good coat of primer and let dry. Additional applications of primer may be needed at porous areas (corners, end grain). Sand primed surfaces with 220 grit paper. If required, apply additional prime coats, sanding between coats until the surface begins to smooth out. For final sanding, switch to 400 grit wet/dry sandpaper.
5. Using a tack rag, thoroughly wipe down the Tote and remove all excess dust. Following the paint instructions, apply a very thin coat and allow to dry. Apply additional coats lightly, gradually building up the color intensity. Heavy applications of paint will run.
6. The decal has pressure sensitive adhesive and only requires removing the backing and sticking in place. It is best to remove about 1" of the backing and stick the end down, and then peel the backing off as you rub the decal down from one end to the other. This will avoid getting wrinkles in the middle that you cannot remove.

Clear finishing

Follow steps 1,2,&3 above except use plastic wood to fill nicks and dents. Automotive clear coat works very well. Follow instruction on the label to apply.

SOURCES FOR ADDITIONAL ITEMS USED IN MONSTER TOTE

Slimline Mfg. Inc.

P.O. Box 3295
Scottsdale AZ. 85271-3295

Phone number 480 967 5053
Fax 480 967 5030

SL-2000 Model Fuel Pump
Boxxer Model Fuel Pump
Manual Composite Pump
Pro Bottle Cap

Sonic-Tropics Inc.

7865 Mill Road
Elkins Park, Pa. 19027

Super "X" Electric Fuel Pump
sot250 3.6v-6v DC
sot1250 7.5v-12v DC

Mark "X" Electric Fuel Pump
sot249 3.6v-6v DC
sot1249 7.5v-12vDC

Glow Plug Caddy
sot260

Magna-tray
sot261

Ni-Starter

MCD101 1.5" with 110v AC Charger
MCD105 1.5" Ni-Starter only
MCD217 2.5" with 110v AC Charger
MCD218 2.5" Ni-Starter only
MCD204 3.5" with 110v AC Charger
MCD208 3.5" Ni-Starter only
MCD202 Remote Ni-Starter w/110v AC Charger
MCD203 Remote Ni-Starter Only

Hobbico

P.O. Box 9021, 1610 Interstate Drive
Champaign, Illinois 61826-9021
Order only 800 637 7660
Dealer only order support 800 262 7885

HCAP0302 Deluxe Power Panel II
HCAP3105 Top Fueler MKIII 12v Fuel Pump
HCAP3107 Pnl Fdy Top Fueler MKIII 12v Fuel Pump
HCAP3015 Hand Crank Fuel Pump

Hot-Shot 2 Glo-Starters
HCAP2520 2" Standard Hot-Shot 2
HCAP2522 3" Long Hot-Shot 2
HCAP2528 Super Hot-Shot 2

TorqMaster 90 & 180 Starters
HCAP0901 Power Core 12v MKII Starter Power Pack
HCAP0905 Power Core Battery Pack only
HCAP0210 12v Power Core Charger w/Led
HCAP3200 TorqMaster 90 Starter
HCAP3205 Panel-Ready TorqMaster 90 Starter
HCAP3300 TorqMaster 180 Starter
HCAP3305 Panel-Ready TorqMaster 180 Starter

Maxx Products

815 Oakwood Rd. Unit D.
Lake Zurich, Il. 60047
Order only 800 416 MAXX(6299)
Info 847 438 2233
Fax 847 438 2898

ACC116 Electric fuel pump
ACC244 Hand crank fuel pump
ACC108 Power Panel.

Sullivan Model Products

1 North Haven Street
Baltimore, MD 21224
Phone 410 732 3500
Fax 410 327 7443

M040 Head Lite with NiCad Battery
M041 Head Lite with NiCad Battery and Wall Charger
M045 Head Lite without battery
M054 Head lite Extended with NiCad Battery
M038 Metered Head Lite with NiCad Battery
M039 Metered Head Lite w/NiCad Battery and Charger
M055 Metered Head Lite Extended with NiCad Battery

S600 Hi-Tork Starter
S601 Deluxe Hi-Tork Starter
S603 Dynatron Starter