

**TITLE:** **EDGE 2 Packing and Unpacking Instructions**

Gerber FastFact #: **4275**

Supplied by: Technical Communications

Last Modified: 10/30/02

Summary: EDGE 2 Packing and Unpacking Instructions

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## **Important Notice!**

**Please read these instructions before unpacking or repacking your Gerber thermal printer.**

**The instructions contain important information and tips, which will help you to reduce or eliminate damage to your printer.**

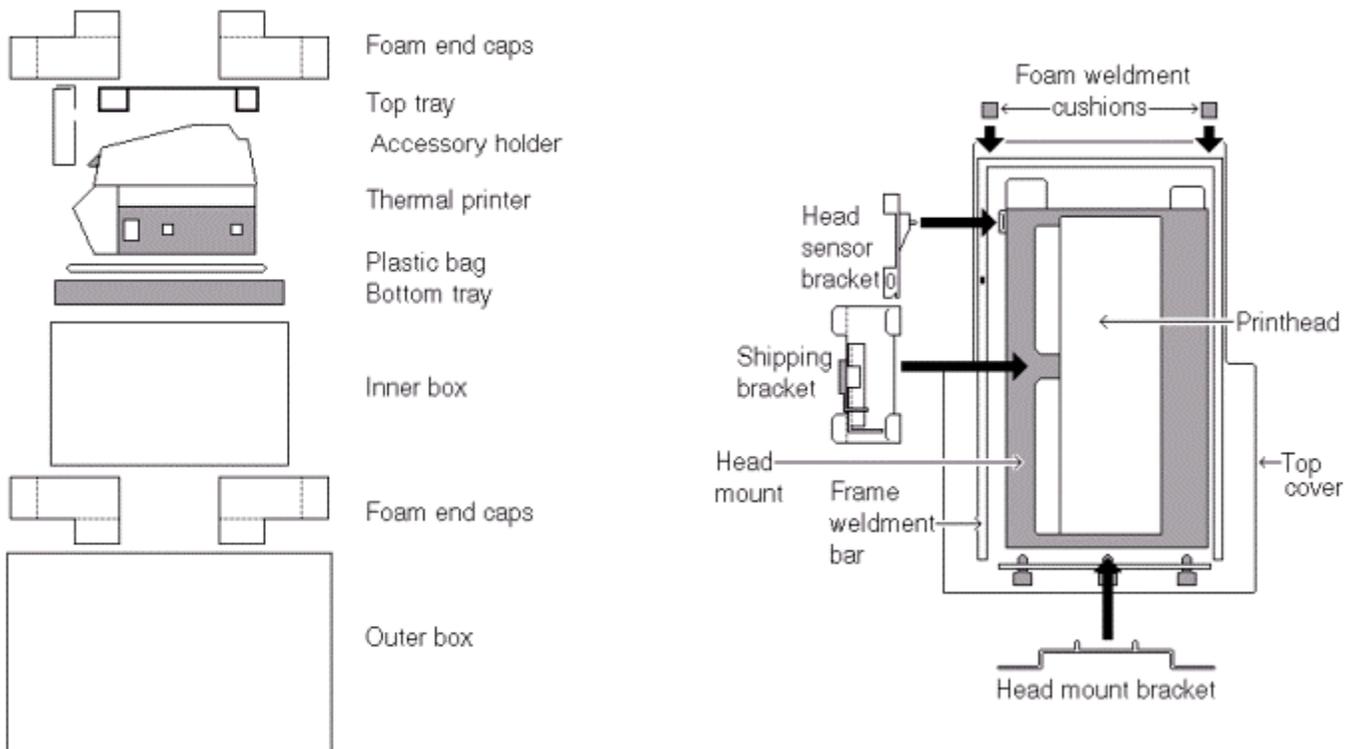
**Do not discard these instructions – save them for future use.**

## ***Unpacking and Repacking to Prevent Damage***

The Gerber thermal printer is shipped in specially-designed packaging materials to prevent damage while in transit. Save these packaging materials for future use in case you need to ship the printer.

### ***Packaging concept***

The chassis and covers must be protected from damage that can occur from dropping or rough handling. The packaging materials shown below on the left are designed to protect the machine during transit.



In addition, it is critical to prevent movement of the head mount and printhead during shipment. The illustration on the right shows the location of the brackets and foam cushions which protect the areas inside the top cover.

**CAUTION:** Failure to repackage the printer with the specified packaging materials may result in damage to the unit. Always repack the printer as described in this bulletin. Gerber is not liable for shipping damage due to improperly packed units. If you do not have the proper packaging materials, call Gerber Service at 800-828-5406.

## Unpacking the thermal printer

Unpacking the printer is a three-step process:

- removing the printer from the boxes
- removing the brackets and foam cushions in the printer cover
- preparing the printer for use

Refer to the illustrations on the previous page to identify and locate the packaging materials, brackets, and foam cushions.

### Removing the printer from the boxes

**WARNING: Two persons are required to lift or move the printer. It weighs approximately 85 pounds (38.5 kilograms) packaged for shipment and 65 pounds (29.5 kilograms) unpacked.**

- 1) Open the top of the outer box and lift out the top two gray foam end caps.
- 2) Remove the inner box and open the top.
- 3) Remove the top tray.
- 4) Remove the power cord, data cable, and packaged accessory kit from the accessory holder.
- 5) Squeeze the accessory holder slightly so it disengages from the cover latch and lift it out. If it accidentally catches on the cover latch and opens the cover, simply push the cover down until it shuts.

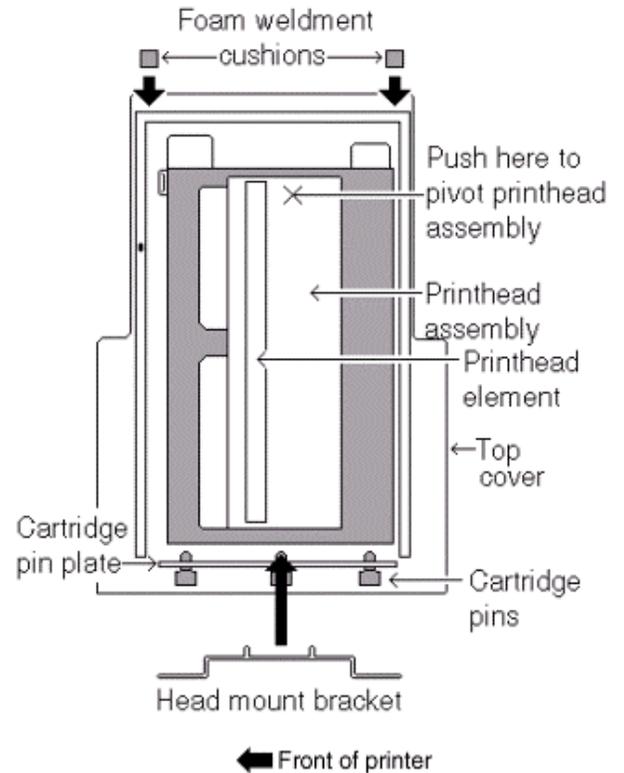
**CAUTION: Do not lift the printer by its top cover.**

- 6) Lift the printer out of the plastic bag and the box

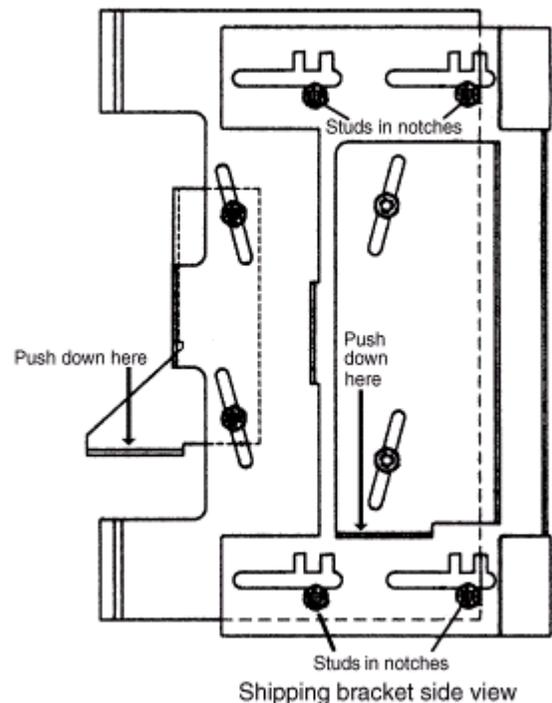
## Removing the brackets and foam cushions in the printer cover

**CAUTION: Remove all packaging before power-up to prevent damaging the printer.**

- 1 Push the cover latch in, raise the cover, and remove the two black foam weldment cushions in the corners of the top cover. Save the cushions.
- 2 Push the three cartridge pins down and remove the head mount bracket as follows:
  - Carefully push on the top part of the printhead so that the printhead assembly pivots to the rear. Do not push on or touch the printhead element itself.
  - Disengage the right pin of the bracket from the bottom of the printhead assembly by pushing down on the center of the bracket while rotating the bracket clockwise.
  - Disengage the left pin from the bottom of the printhead assembly.
  - Save the head mount bracket.



- 3 Remove the shipping bracket as follows:
  - Loosen the eight nuts on the shipping bracket assembly with the wrench provided in the accessory kit.
  - Push down on the front and rear slide tabs to unclamp the slides from the frame weldment bar and head mount.
  - Slide the studs out of the notches and remove the shipping bracket from the frame weldment bar and head mount.
  - Save the shipping bracket.

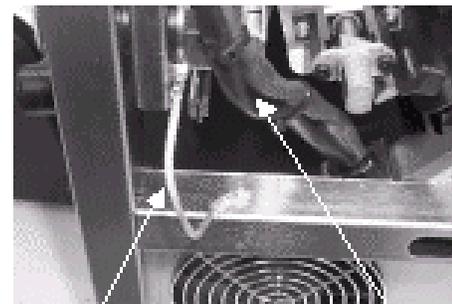
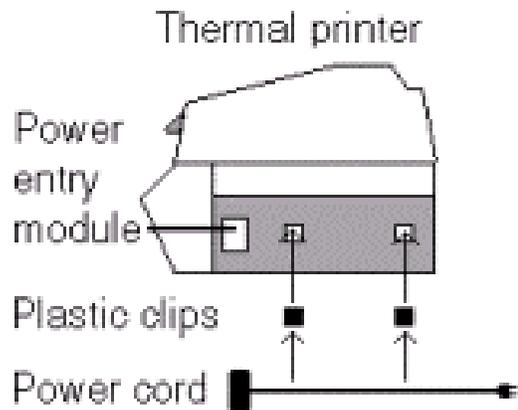


**4 Remove the head sensor bracket as follows:**

- Remove the nut attaching the bracket to the cartridge support bracket using the wrench provided in the accessory kit
- Remove the hex screw and washer attaching the bracket to the frame weldment bar using the wrench provided in the accessory kit.
- Disengage the stud from the cartridge support bracket, then slide the bracket up the frame weldment bar and rotate the bracket off the bar.
- Save the head sensor bracket and hardware.

**Preparing the printer for use**

- 1) Locate the two black plastic power cord clips in the packaged accessory kit and push them into the two holes in the right side panel.
- 2) Remove the label from the power entry module and plug the power cord into the module.
- 3) Open the cover and remove the label from the cable loop at the back right side of the printer.
- 4) Close the cover and adjust the cable loop so that the loop points to the back of the printer. Do not kink the cable.
- 5) Make sure that the cable loop does not rub against the nearby harness as the cover is opened and closed.
- 6) Attach the power cord to the right side panel and into the power cord clips.
- 7) Refer to the printer owner's guide to attach the data cable, then connect the printer to your computer system.



Cable loop

Harness

**Repacking the printer for shipment**

Repacking the printer is a three-step process:

- disconnecting the printer
- installing the brackets and foam cushions in the printer cover

- packing the printer in the boxes

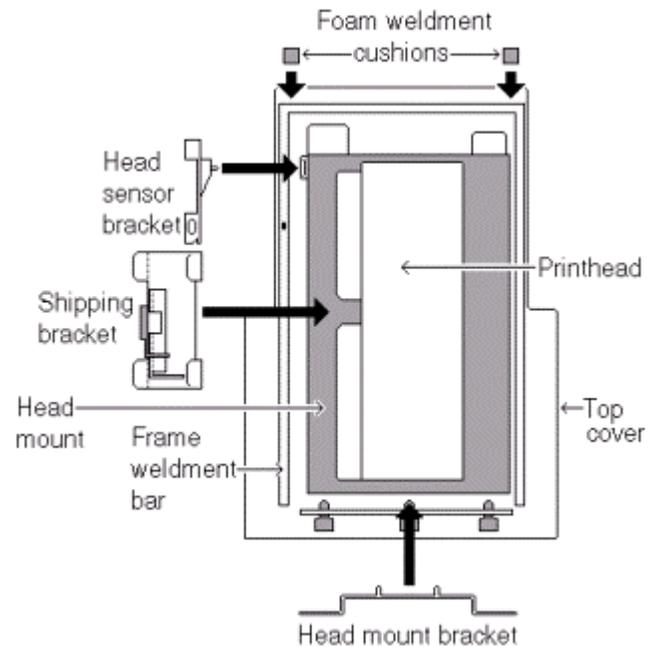
### Disconnecting the printer

- 1 Turn on the printer to automatically set the head mount to the correct position.
- 2 Turn off the printer.
- 3 Disconnect the power cord and data cable.
- 4 Remove the black plastic power cord clips.

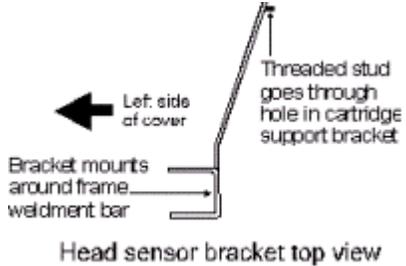
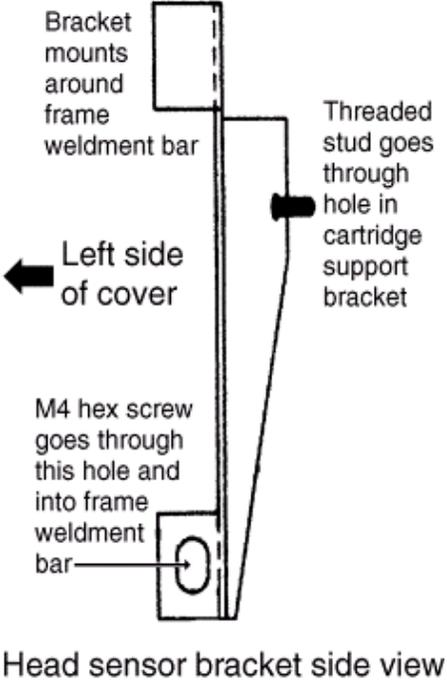
### Installing the brackets and foam cushions in the printer cover

Each piece of packaging inside the printer cover has a specific function. Understanding the functions will help you successfully install the packaging and prevent damage to the printer.

- The head sensor bracket prevents the head mount from moving forward into the head up/down sensor assembly.
- The shipping bracket assembly prevents the head mount from moving up into the cover. The nuts on the bracket must be very tight so that the parts of the bracket do not slip apart.
- The head mount bracket protects the platen, printhead, and head mount fans.
- The black foam weldment cushions prevent the frame weldment from moving.

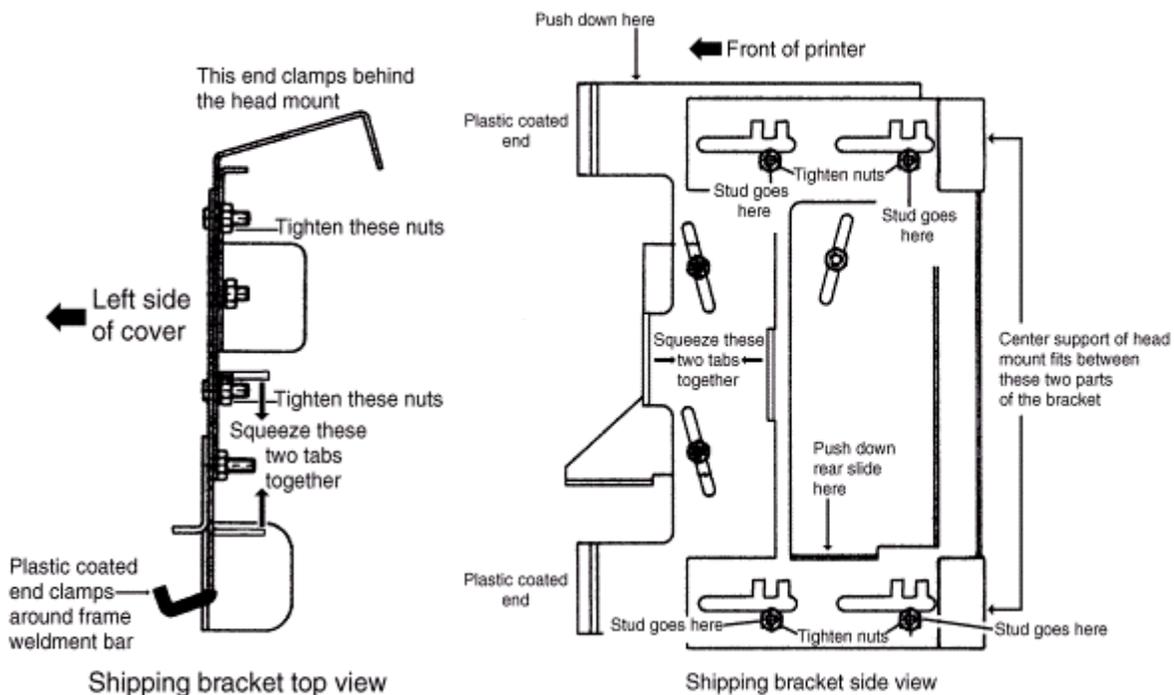


## Installing the head sensor bracket

<ol style="list-style-type: none"> <li>1. Mount the bracket clip around the frame weldment bar.</li> <li>2. Insert the threaded stud into the mounting hole located in the cartridge support bracket.</li> <li>3. Attach the bracket to the cartridge support bracket with the M3 nut. Do not tighten the nut at this time.</li> <li>4. Attach the bracket to the frame weldment bar with the M4 hex screw and lock washer. Use the wrench to tighten both the M4 screw and the M3 nut.</li> </ol>	 <p>Head sensor bracket top view</p> <p>Labels: Left side of cover, Bracket mounts around frame weldment bar, Threaded stud goes through hole in cartridge support bracket.</p>	 <p>Head sensor bracket side view</p> <p>Labels: Bracket mounts around frame weldment bar, Threaded stud goes through hole in cartridge support bracket, Left side of cover, M4 hex screw goes through this hole and into frame weldment bar.</p>
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## Installing the shipping bracket assembly

1. Make sure that the eight nuts and star washers are loose on the bracket so that all the parts of the bracket assembly slide smoothly.
5. Push down the rear slide shown in the illustration below.



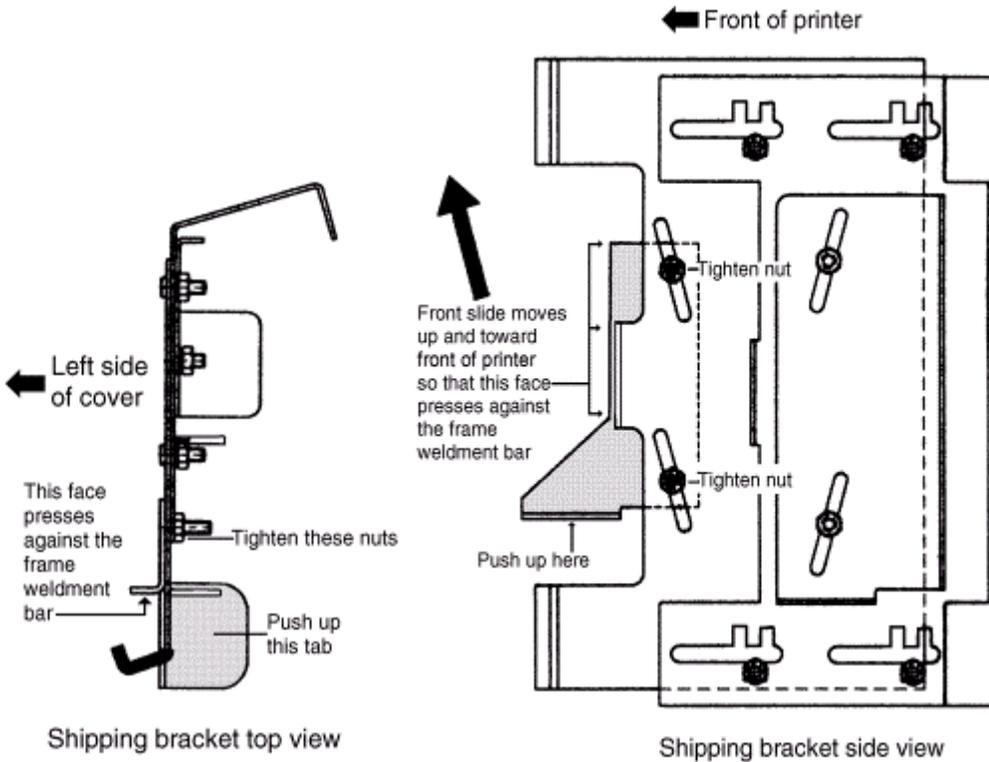
Shipping bracket top view

Shipping bracket side view

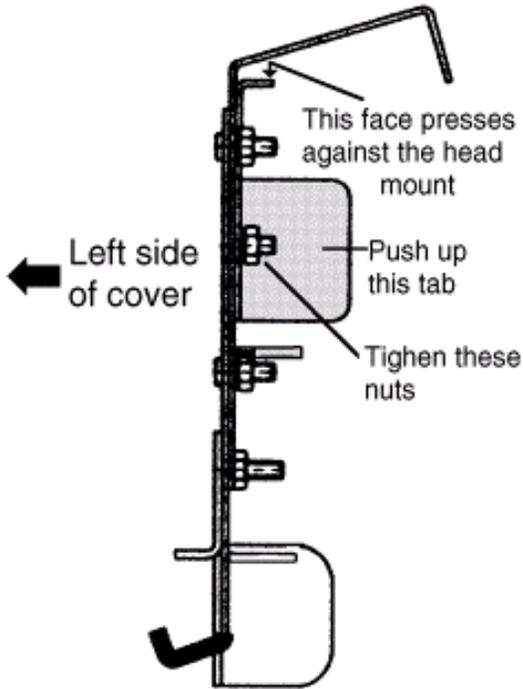
Labels for top view: This end clamps behind the head mount, Tighten these nuts, Left side of cover, Tighten these nuts, Squeeze these two tabs together, Plastic coated end clamps around frame weldment bar.

Labels for side view: Push down here, Front of printer, Plastic coated end, Stud goes here, Tighten nuts, Stud goes here, Squeeze these two tabs together, Push down rear slide here, Center support of head mount fits between these two parts of the bracket, Stud goes here, Tighten nuts, Stud goes here.

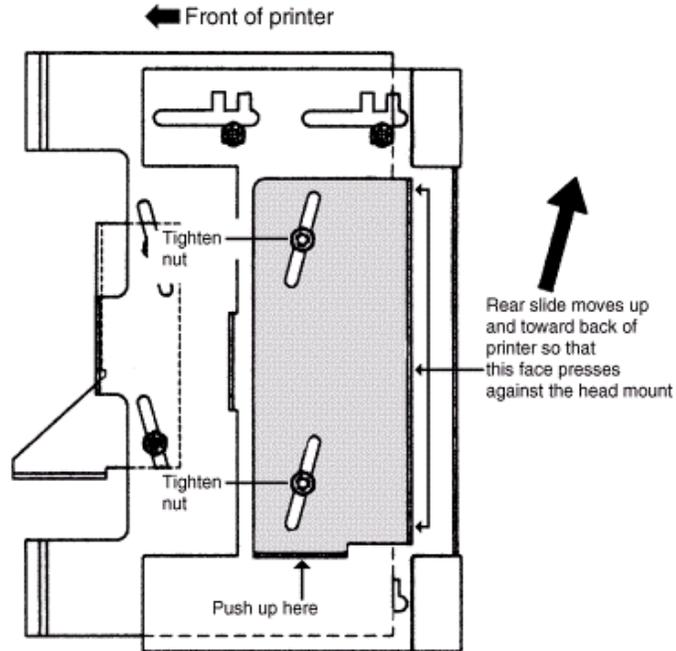
2. Position the shipping bracket so that the bare metal end is behind the head mount and the plastic coated end is around the frame weldment bar near the static eliminator brush.
3. Squeeze together by hand the two tabs shown in the illustration until the head mount moves toward you and the four studs can slide into the single notch as indicated in the illustration.
4. Push down on the plastic coated end as shown in the illustration so that the four studs slide into the notches indicated in the illustration, then tighten the four nuts with the wrench provided.
5. Push up on the front slide tab to clamp the bracket face shown below against the frame weldment bar, then use the wrench to tighten the two nuts.



6 Push up on the rear slide tab to clamp the bracket face shown below against the head mount, then use the wrench to tighten the two nuts.



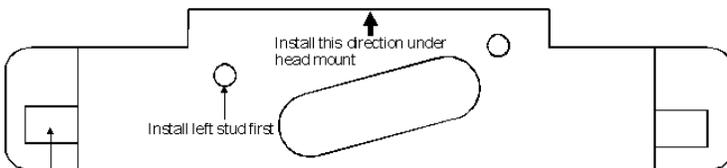
Shipping bracket top view



Shipping bracket side view

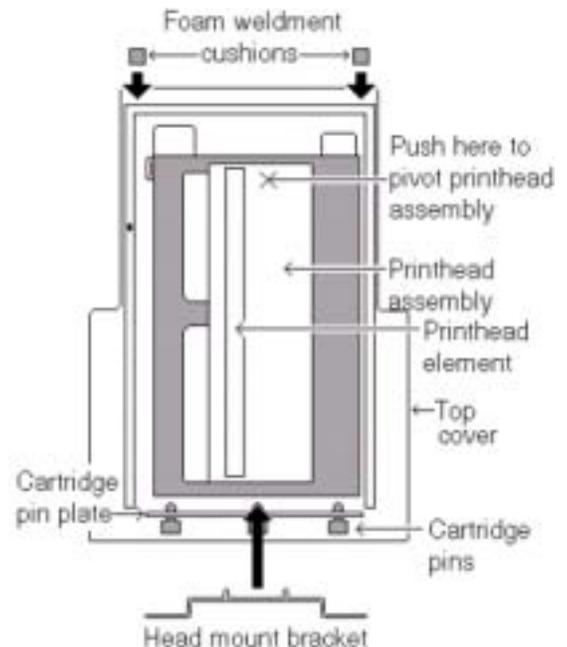
### Installing the head mount bracket

1. Lower the three cartridge pins.
2. Carefully push on the top part of the printhead as shown at the right so that the printhead assembly pivots to the rear inside the cover. Do not push on or touch the printhead element itself.



Head mount bracket top view

3. Orient the part as shown above
4. Insert the bracket between the printhead assembly and the cartridge pin plate. The studs go into two holes on the bottom of the printhead assembly. To locate the holes, look at the top of the printhead assembly – the holes are the same on the bottom
  - Insert the left stud first.
  - Rotate the bracket counterclockwise while pushing down on the center of the bracket until the right



<p>stud is inserted.</p> <ul style="list-style-type: none"><li>• Verify that the part is seated flush against the bottom of the printhead assembly.</li></ul> <p>5. Release the three cartridge pins so that they protrude through the bracket plate.</p>	
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**Release the three cartridge pins so that they protrude through the bracket plate.**

### **Installing the foam weldment cushions**

Install the two black foam weldment cushions at the top corners of the cover inside the lip between the latches and the cover.

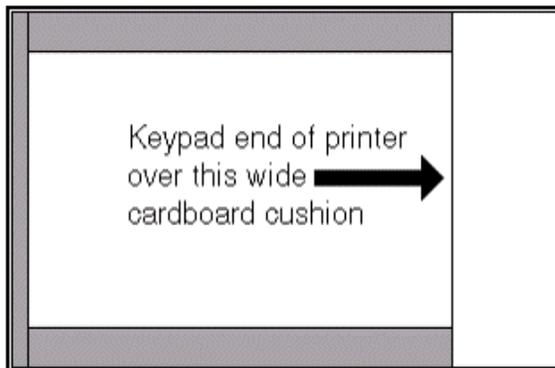
## Packing the printer in the boxes

1. Close the cover. Verify that the latch is fully engaged and the cover does not move.

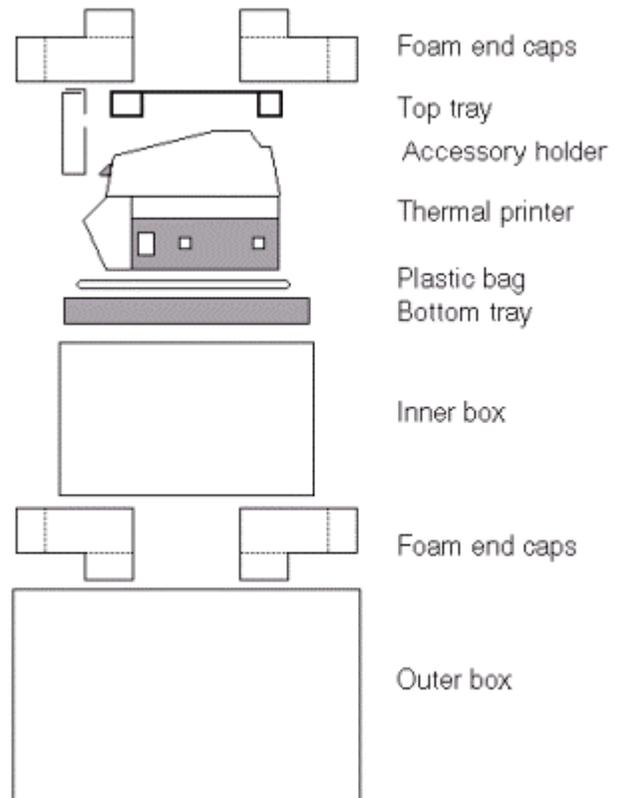
**WARNING: Two persons are required to lift or move the printer. It weighs approximately 85 pounds (38.5 kilograms) packaged for shipment and 65 pounds (29.4 kilograms) unpacked.**

2. Put the bottom tray into the inner box.
3. Put the plastic bag into the inner box and hold it open by folding the top of the bag over the opening of the box.

**CAUTION:**  
Before performing the next step, look inside the inner box and determine the location of the wide



**cardboard cushion area of the bottom tray. The keypad end of the printer must be over the wide cushioned area.**



4. Lift the printer into the inner shipping box inserting the back of the printer first and moving it toward the back of the box as you lower the keyboard end. Make sure it is seated properly on the bottom tray.
5. Squeeze the accessory holder slightly and insert it vertically in front of the printer so the cover latch fits through the square hole in the side of the box. Fold down the two top flaps.

**CAUTION: The accessory holder is an important packing component. Ensure it is in place even though you are not returning the items that were originally in it.**

6. Put the top tray on top of the printer with the larger box beam next to the accessory holder.
7. Fold down the flaps of the inner shipping box and make certain that the printer does not move inside the box. Tape the box flaps, preferably with fiber reinforced tape.
8. Install the two lower foam cushions in the outer box.
9. Put the inner box on the cushions and make certain that the cushions uniformly support the box.

10. Install the remaining two foam cushions on top of the inner box, then fold down the flaps of the box. Make certain that the printer does not move inside the box. Tape the box flaps, preferably with fiber reinforced tape.

 **GERBER SCIENTIFIC PRODUCTS**

83 Gerber Road, South Windsor, CT 06074  
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