



# **CONVEX**

Computer Corporation

**3480 ACL ATTACH PROCEDURE  
550-000344-224 . ACL.ATTACH**

Revision History:

REV.	DATE	ENGINEER	COMMENTS
P1	8/26/91	J. Day	Initial Data Entry

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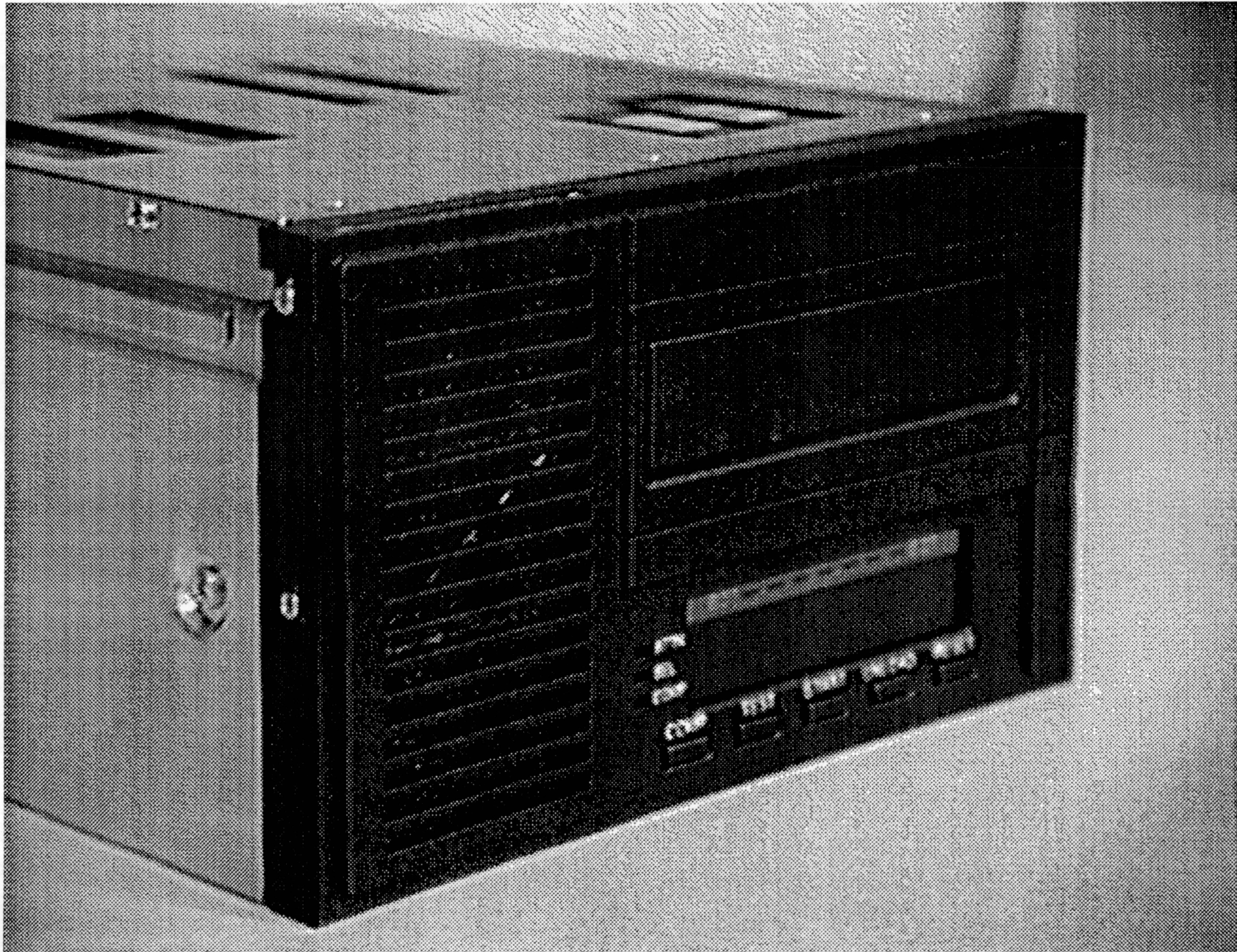
Title: **3480 ACL ATTACH PROCEDURE**

Part No: **550-000344-224. ACL.ATTACH**

Rev./ Date: **P.1 8/26/91**

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Instructions

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Tools

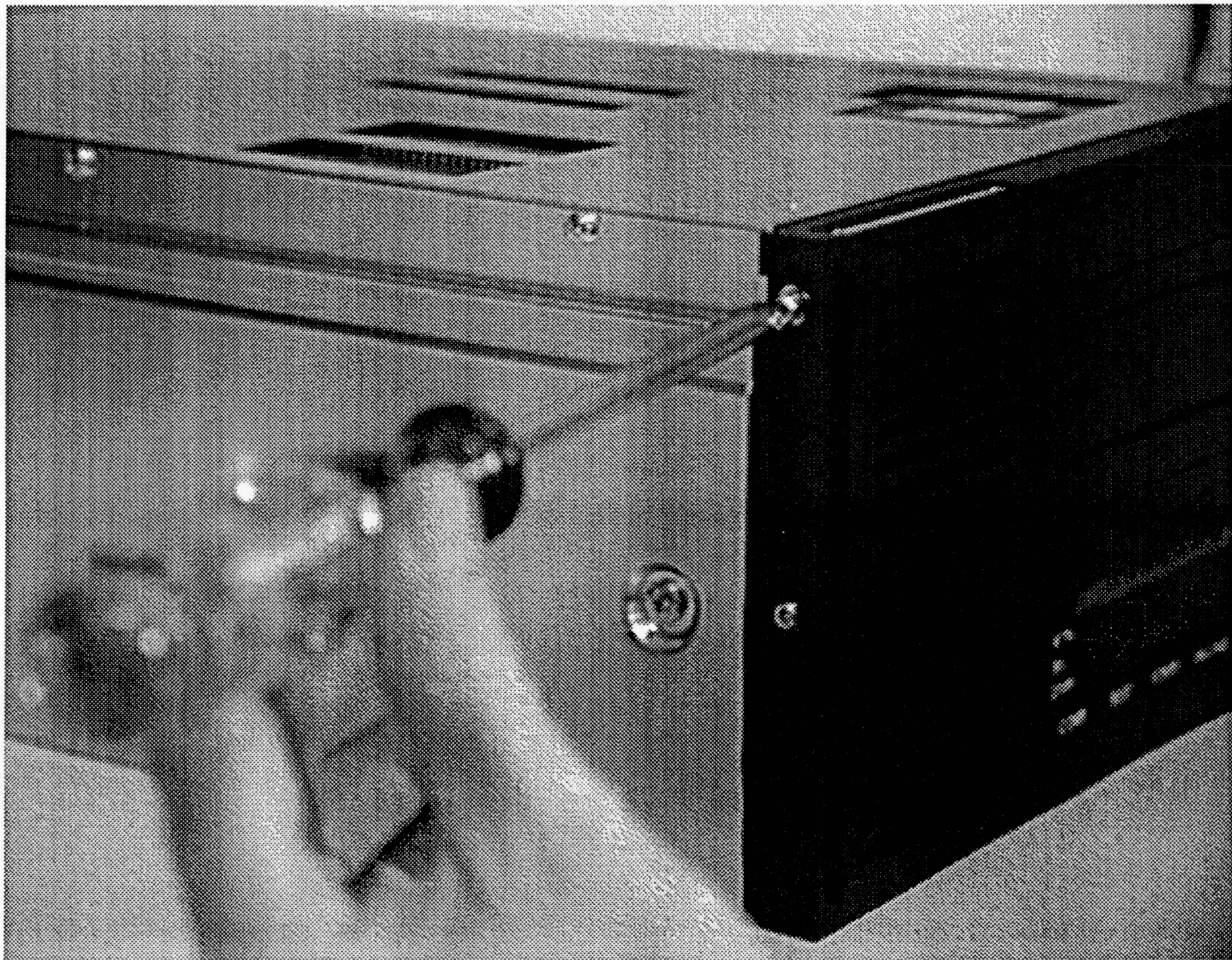
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- Allen Tool 3/16" head.
- Phillips Head screw drivers, small and large.
- ESD protective surface and personnel ground strap.

NOTES:

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If performing this work in the field, please refer to the service guide for correct positioning for the ACL unit so that it will align correctly with the ACL door.  
The 3480 C-Tape must be removed from the tray to perform the following ACL install.



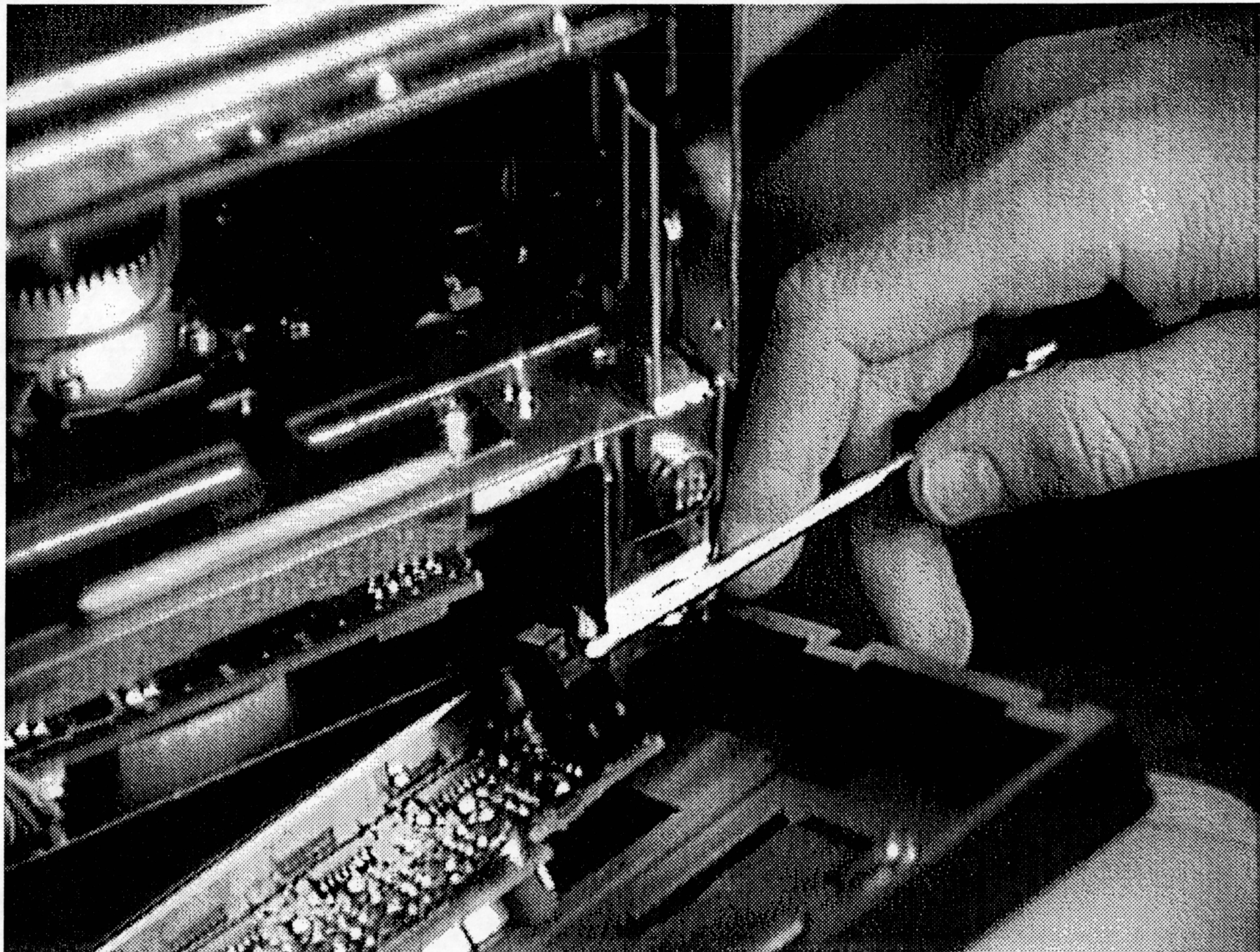
**Step: 2 Remove front 3480 C-Tape panel**

Instructions

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There are (4) screws total, be careful when they are all removed, there is a delicate Bezel cable still attached to the front panel.

Step: 3 Remove Front Panel Cable



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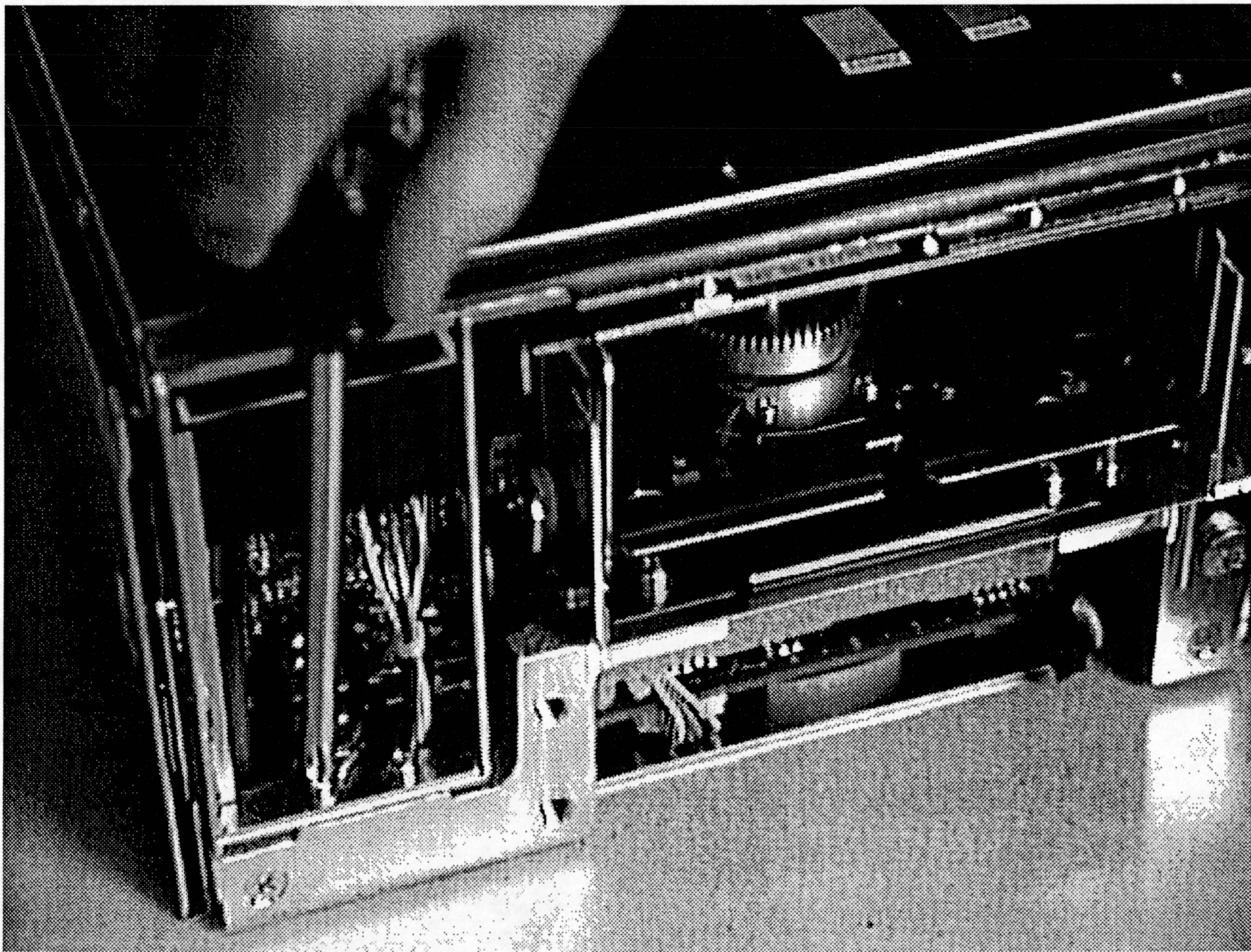
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**Step: 3 Remove Front Panel Cable**

Instructions

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Gently pry the Bezel cable out of the PCB connector as shown.

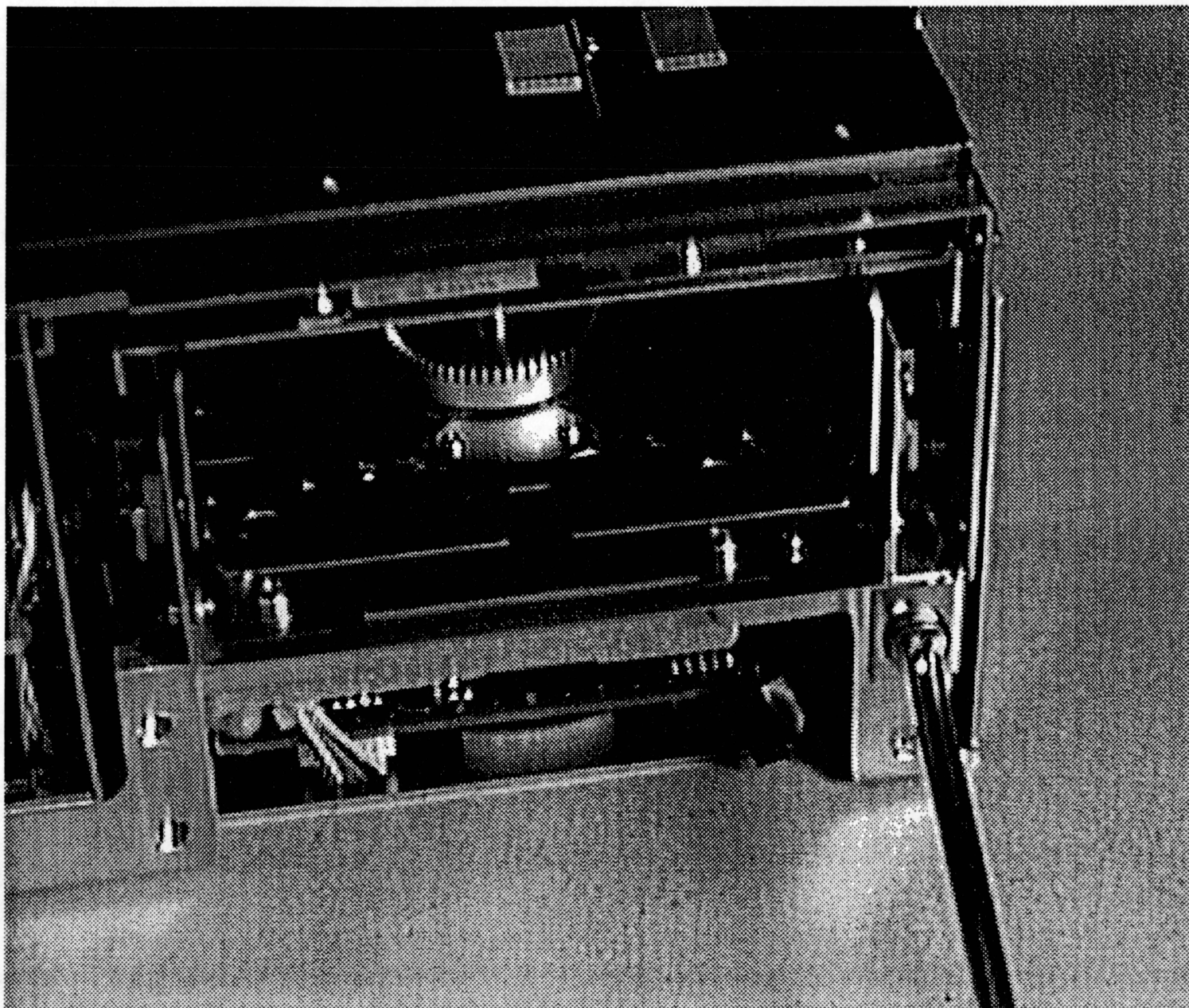


**Step: 4 Remove Front Bracket Screws**

Instructions

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Remove (2) small screws holding the front bezel bracket in place.

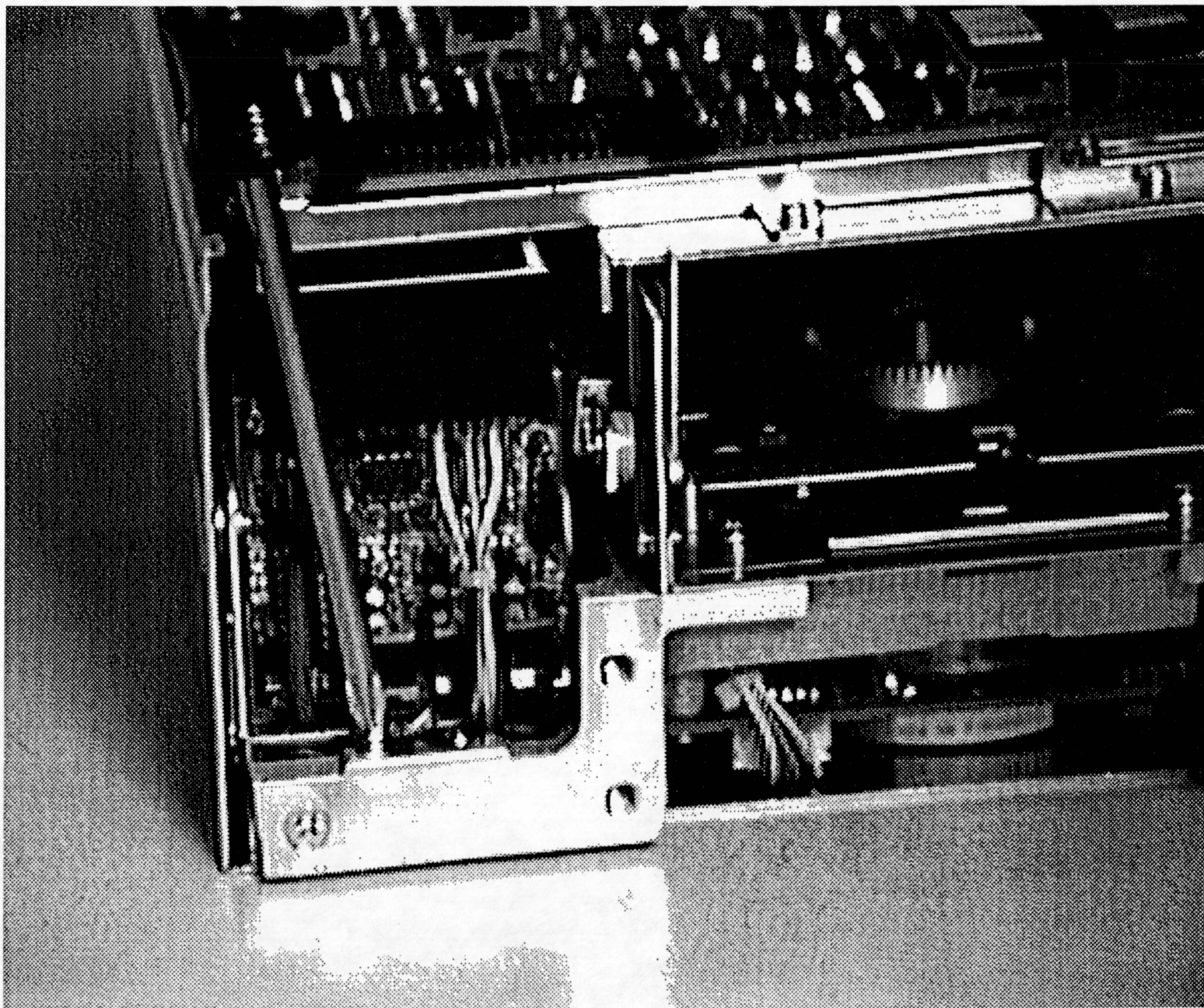


**Step: 5 Remove front bracket bolt**

Instructions

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Remove large bracket bolt as shown.

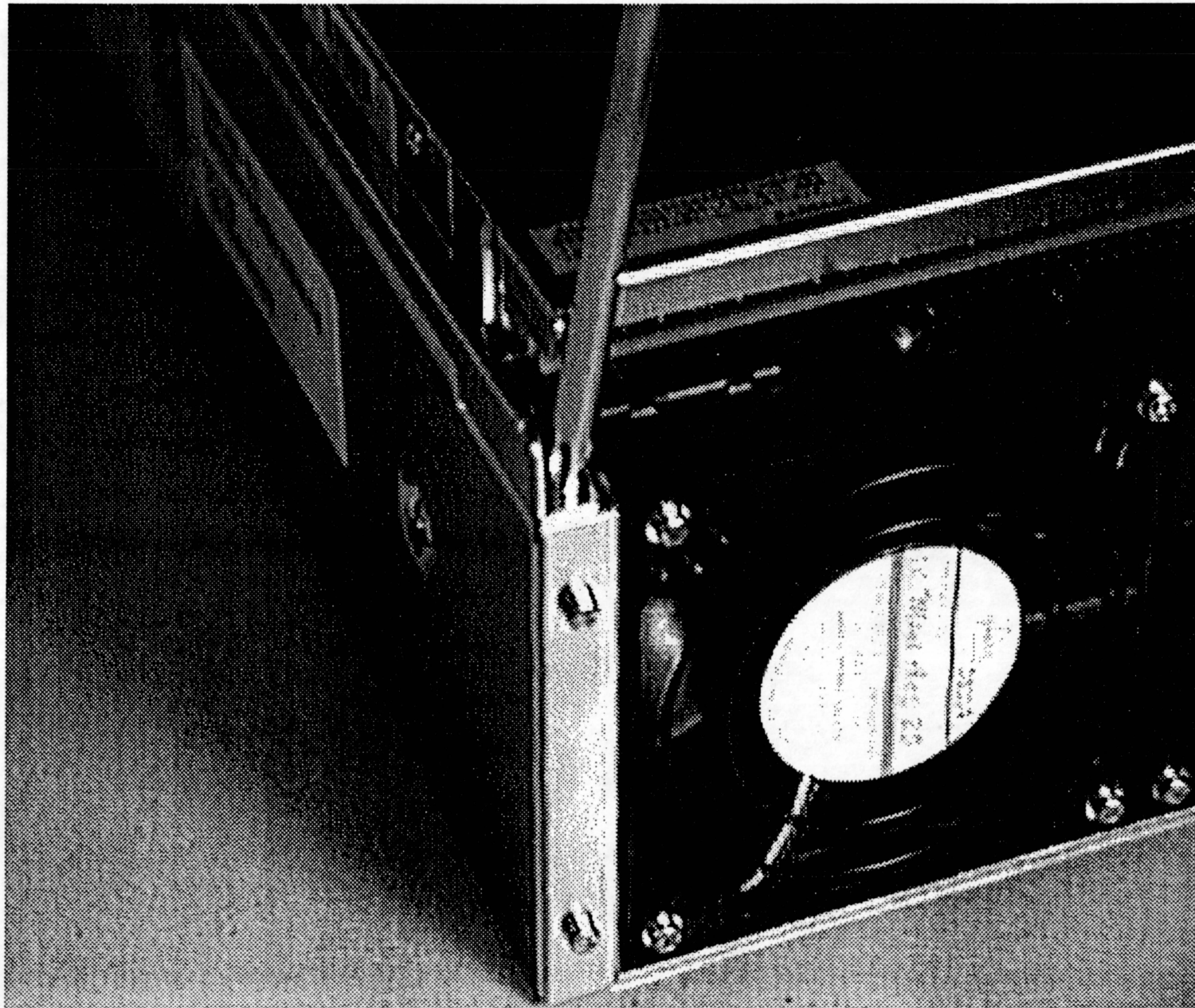


Step: 6 **Install chassis Ground wire**

Instructions

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Use (1) of the small bracket screws to re-install the internal ground wire to the 3480 C-tape chassis.



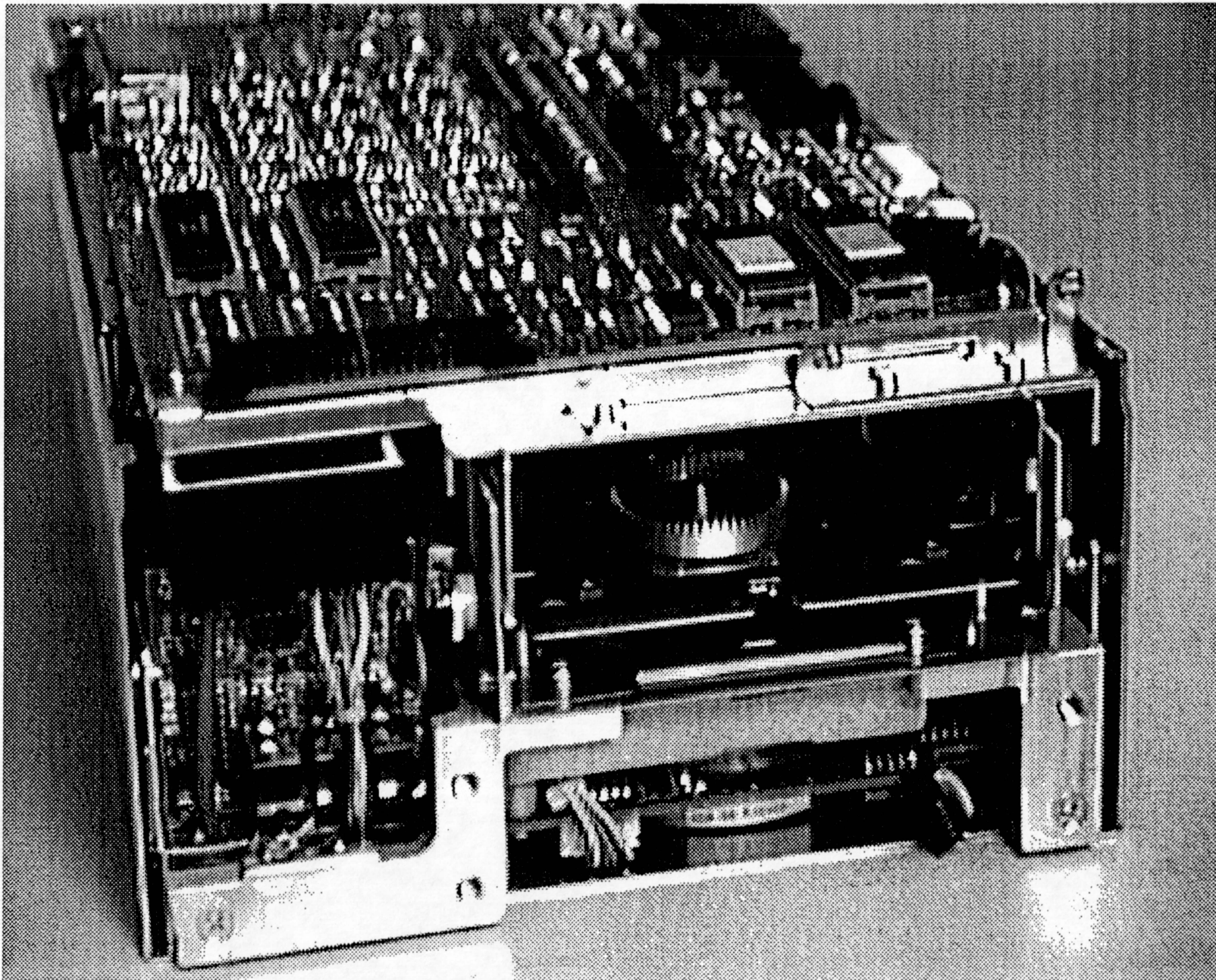
**Step: 7 Remove top cover of the 3480 C-tape unit**

Instructions

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**\*\*IMPORTANT\*\*** Ensure that the work surface and you are fully ESD protected.

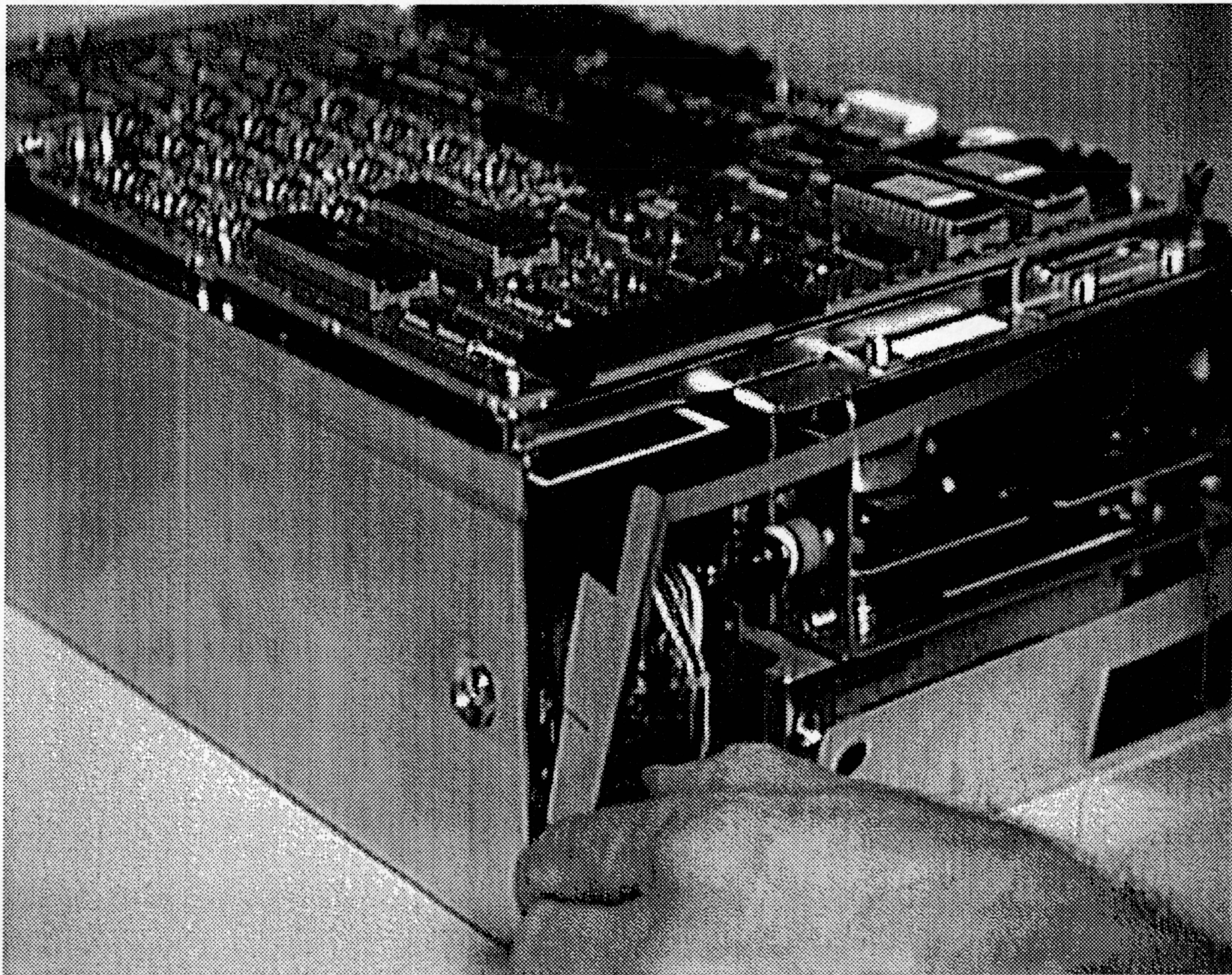
Remove the (2) screws on the rear of the 3480 C-tape and carefully tilt the top cover forward to release the front capture latch.



Instructions

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The 3480 C-tape unit is now ready to install the ACL unit.



**Step: 9** Install ACL shield to C-tape

Instructions

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Install the ACL EMI shield as shown by putting the (2) side and the bottom flanges on the INSIDE of the 3480 C-tape chassis.

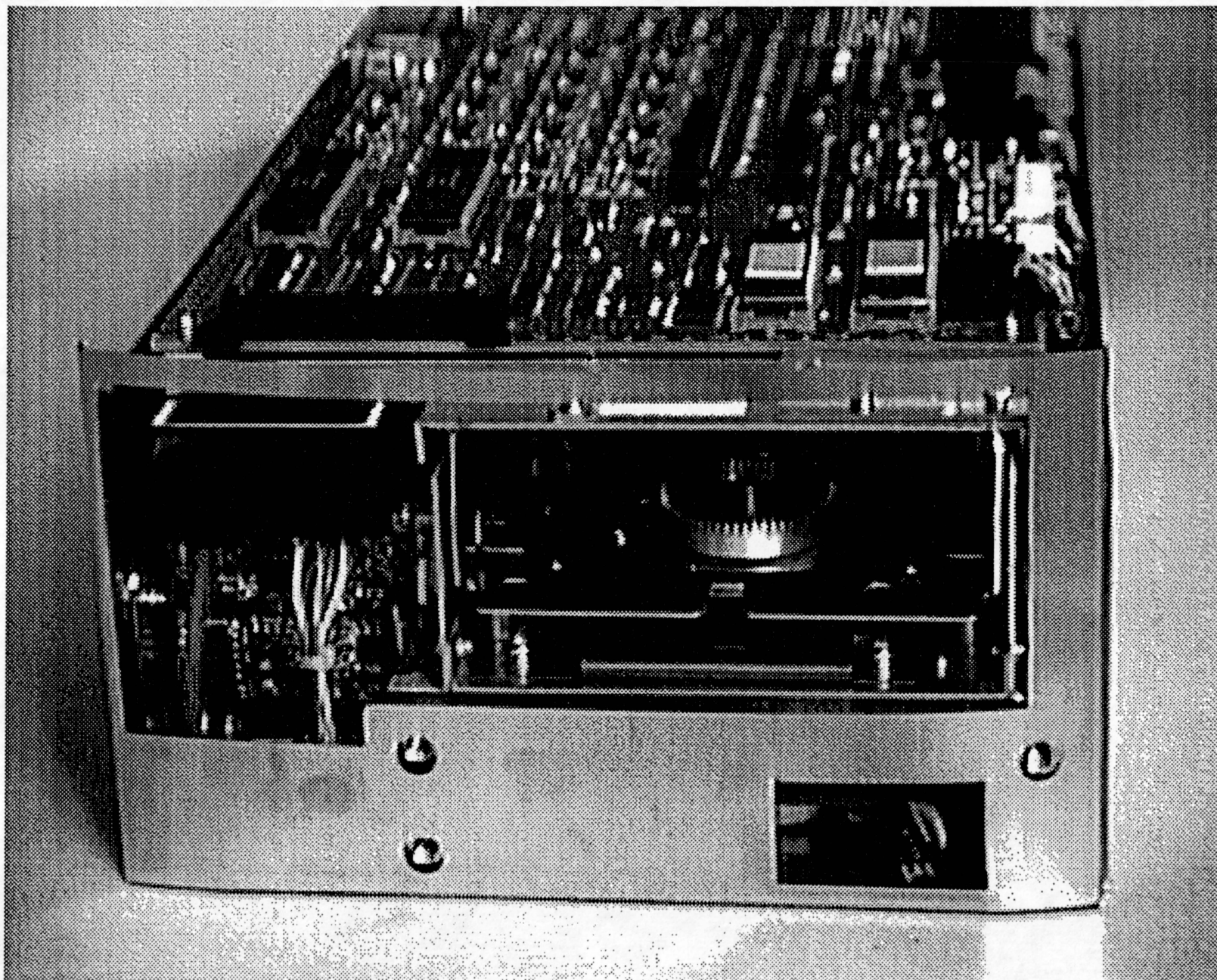
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Instructions

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There will be a slight bend in the shield when it is installed correctly.



Step: 11 → ar-down of ACL unit

Items Required For This Step

Itm#	Part Number	Qty
	Description	

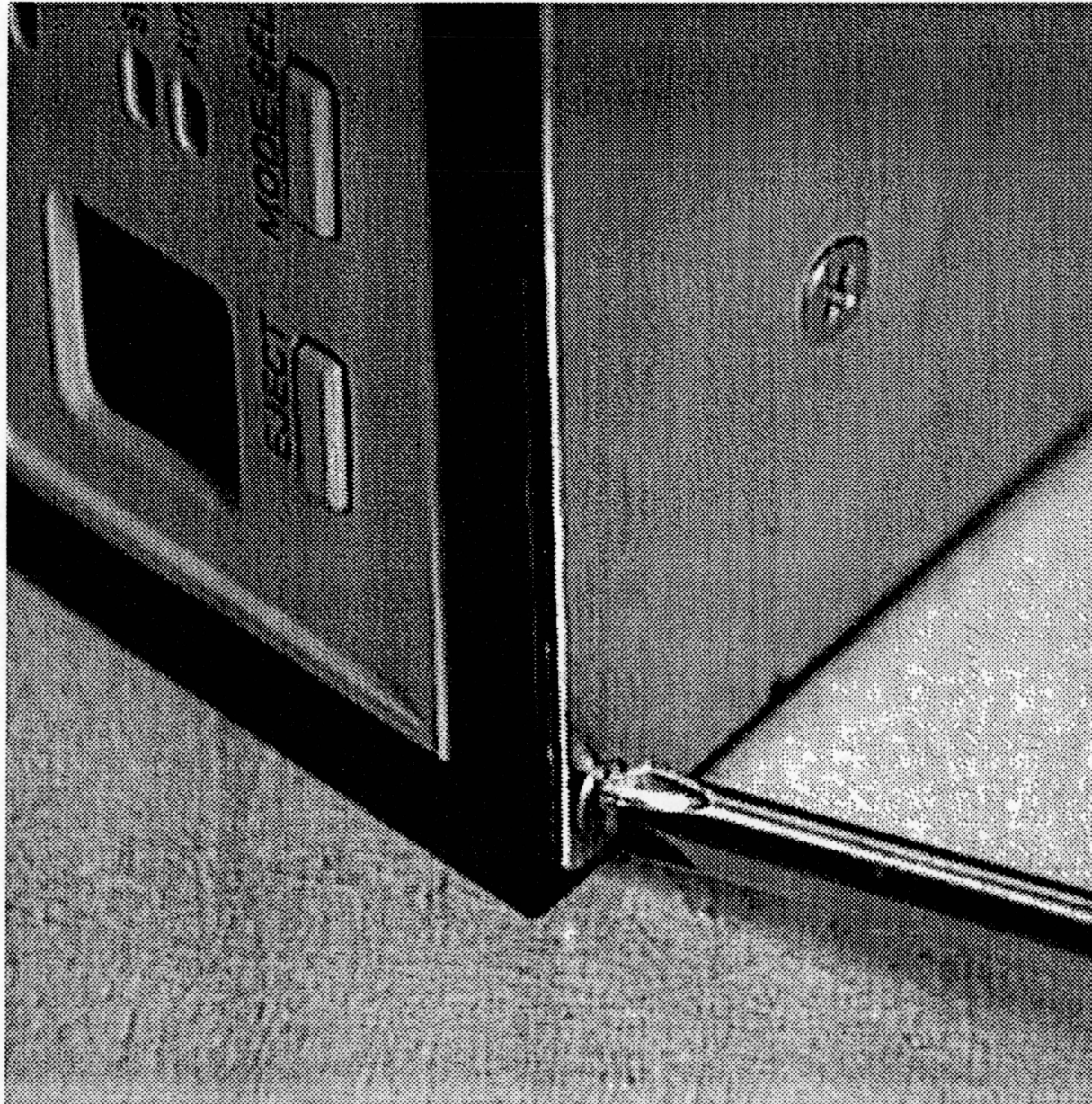
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NOTE: This picture shows a sample unit that does not have the Convex Black Bezel. All production units should be entirely black.

Instructions

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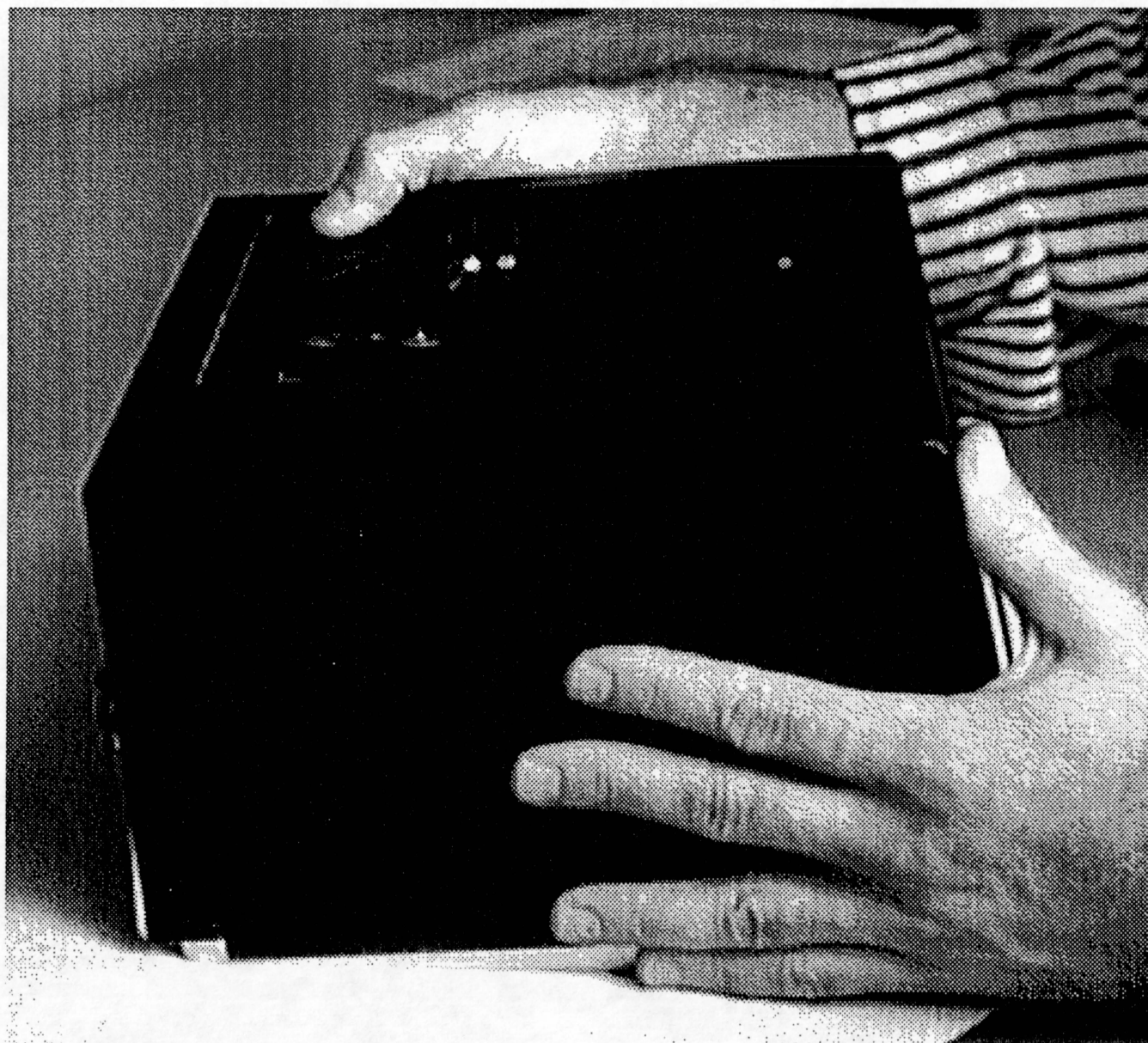
Remove the ACL from its packaging.



Instructions

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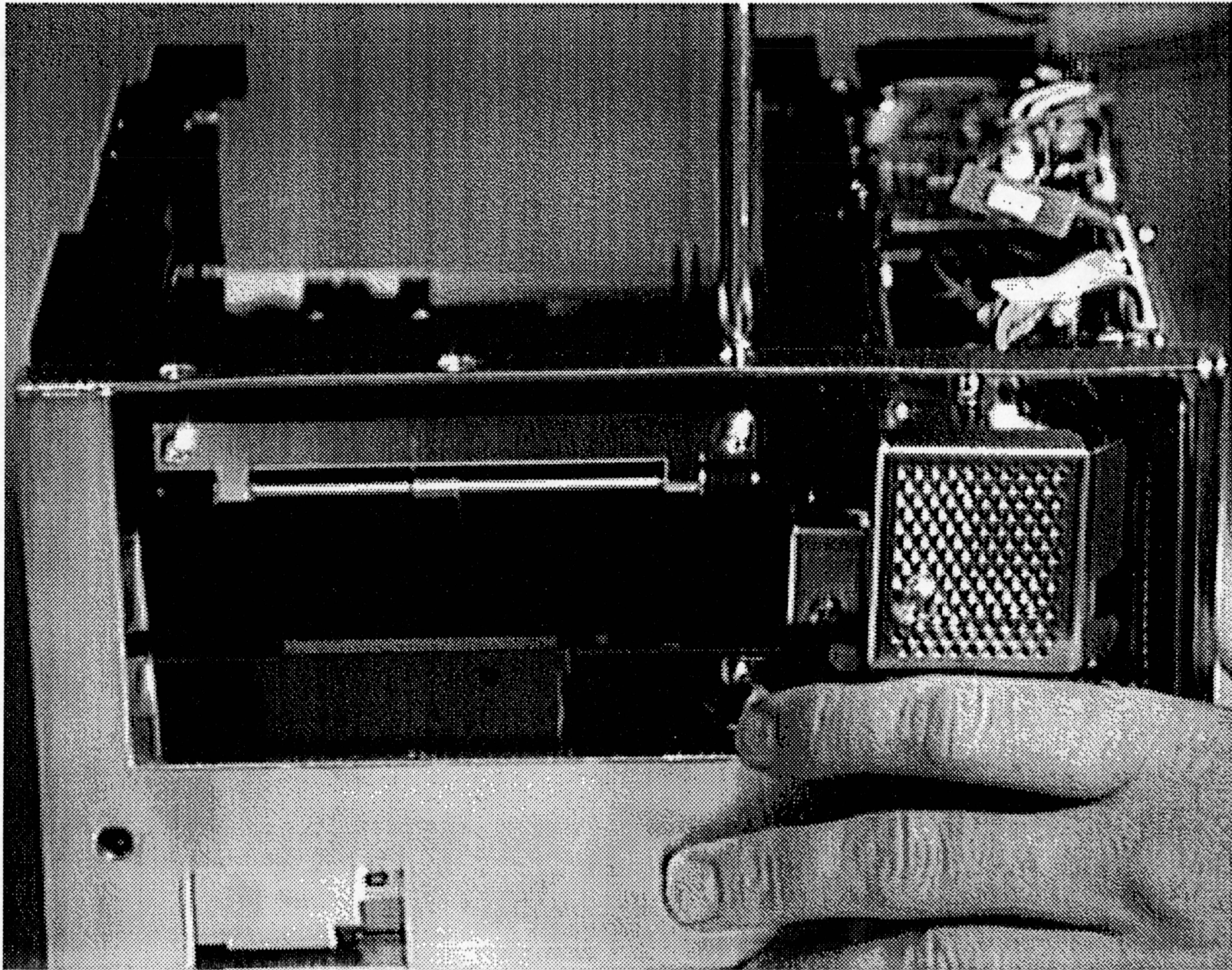
Turn the ACL on its side and remove the (2) mfab cover screws located at the bottom-front of the unit.



Instructions

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Turn the unit upright again and slightly depress the spring-loaded cartridge mechanism as shown. Ease the mfab towards you carefully so that it is not bent out of shape while removing.



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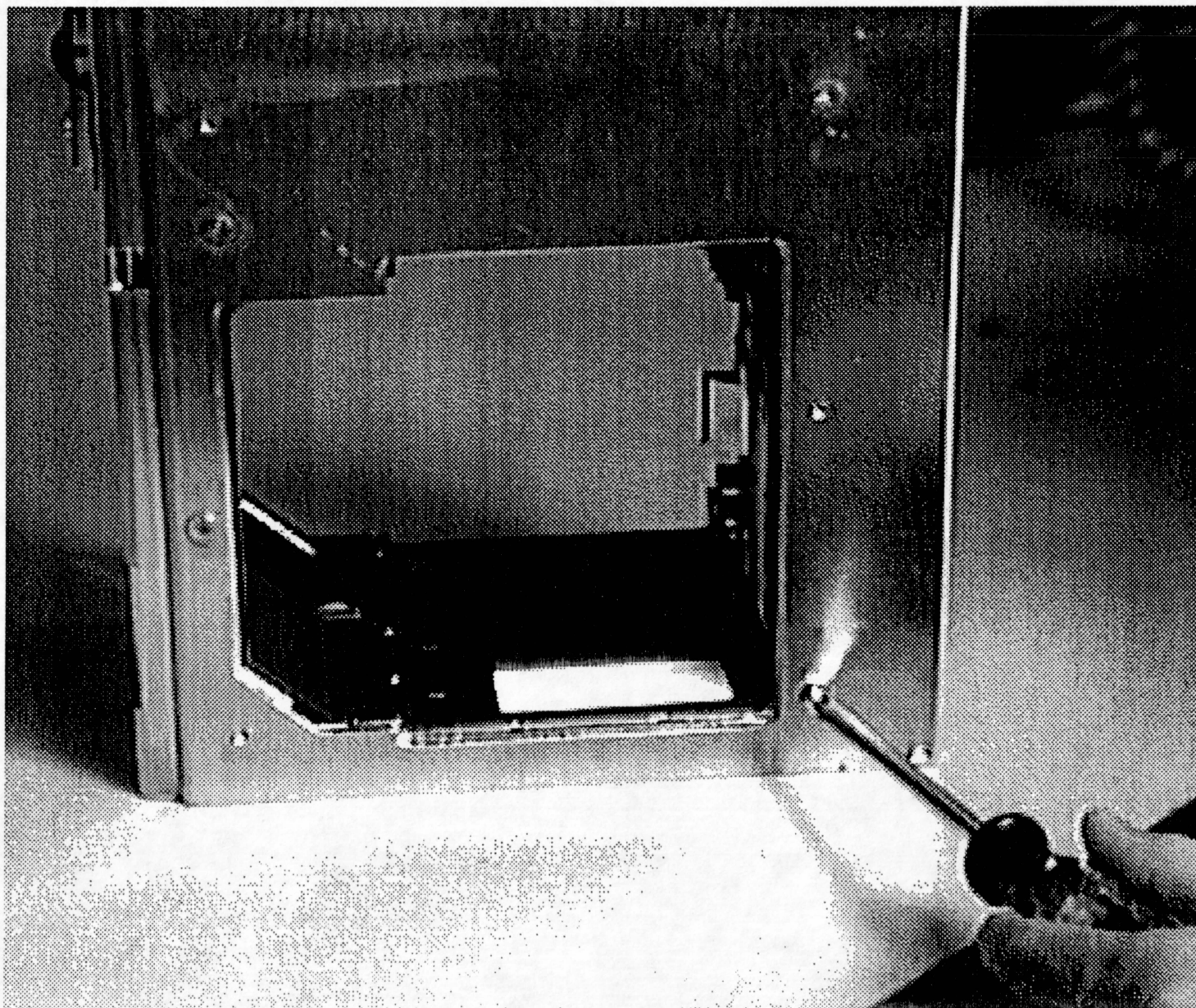
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Instructions

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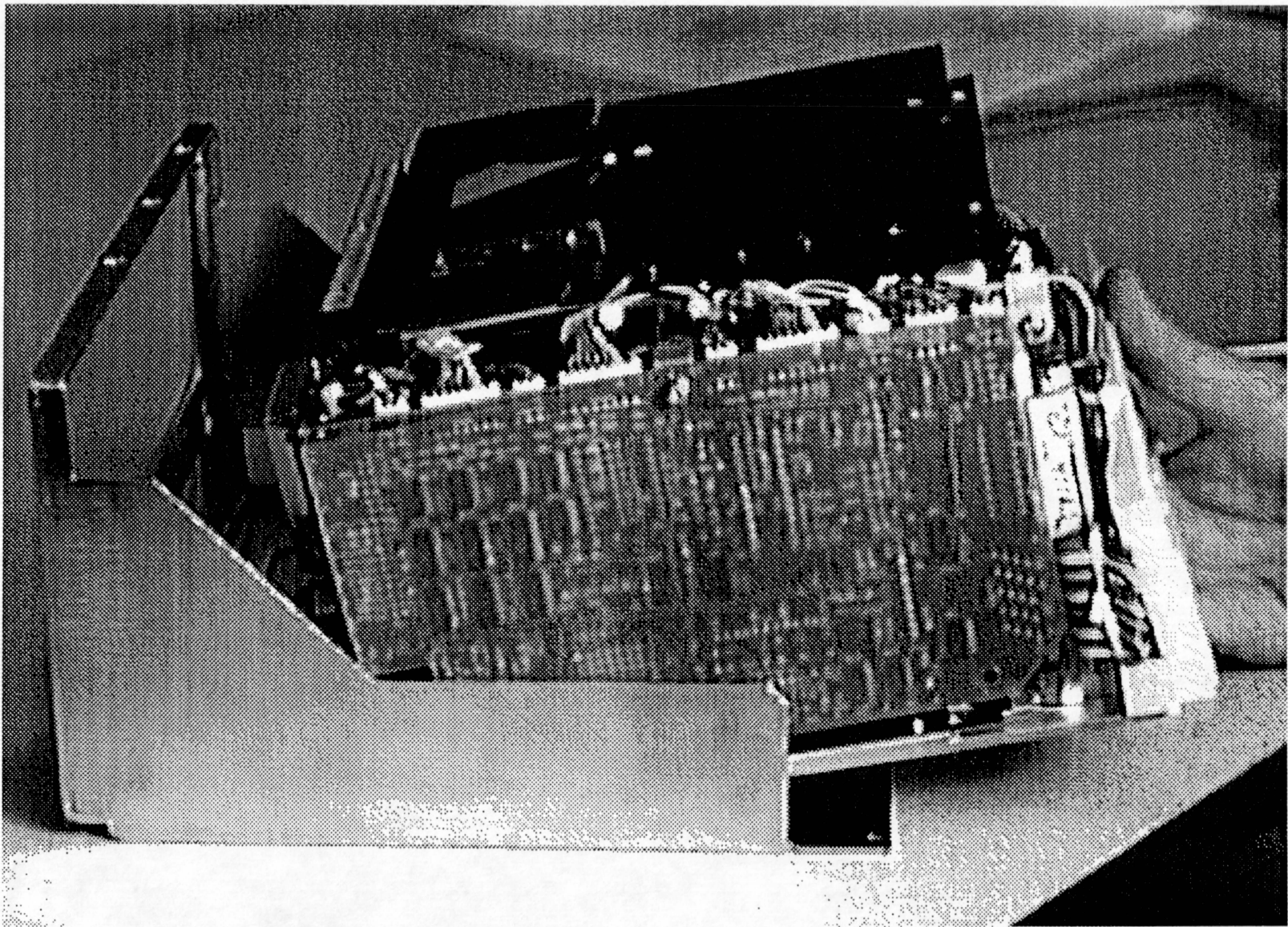
Remove the (3) frame screws as shown.



Instructions

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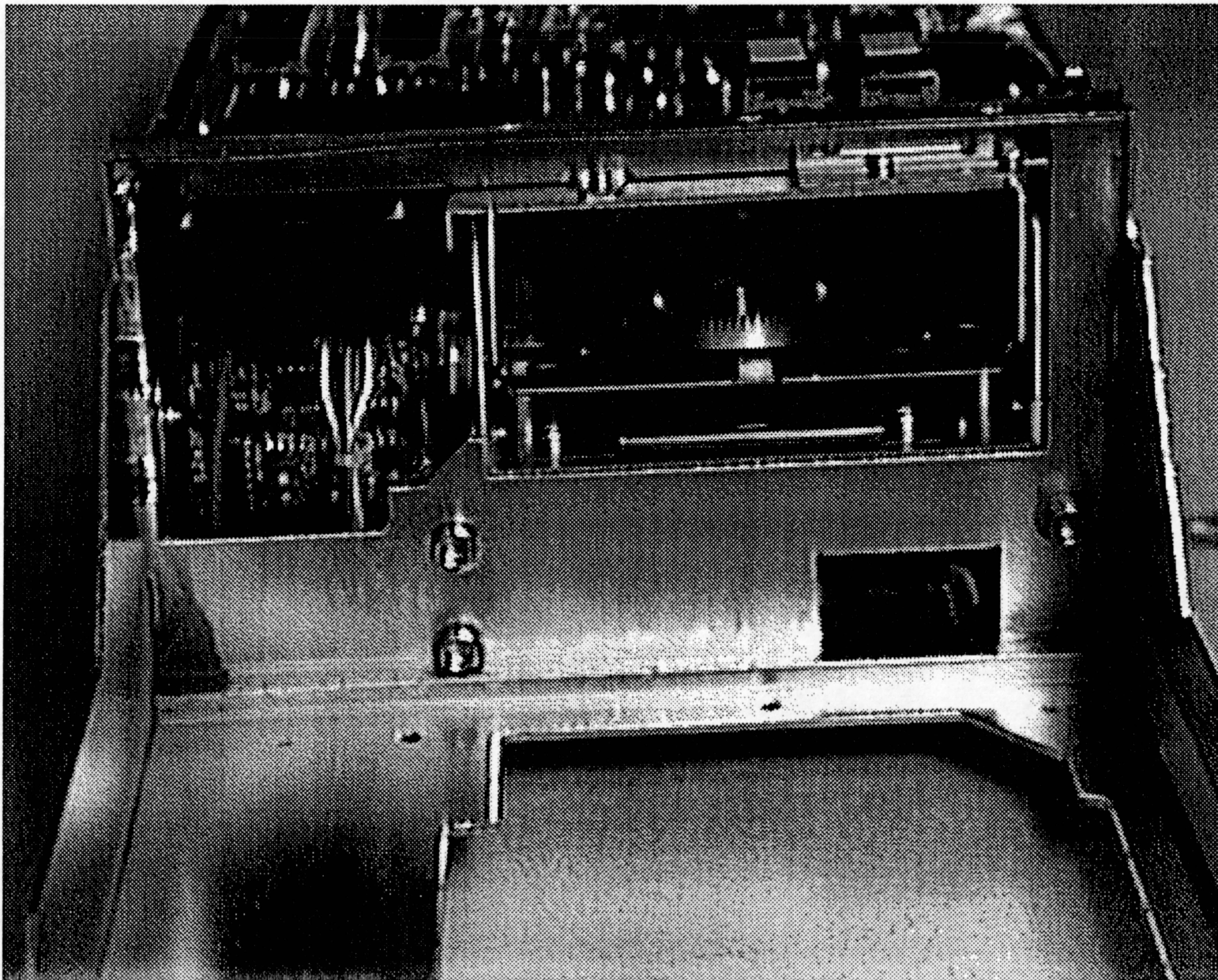
Turn the unit on its side again and carefully remove the (4) large chassis screws as shown. Before removing the last screw, ensure that you holding the internal chassis from falling out of the chassis frame.



Instructions

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Remove the internal chassis as shown, the unit may stick as it comes out.



**Step: 17      Attach ACL Frame to 3480 C-tape Front**

Items Required For This Step

Itm#	Part Number	Description	Qty
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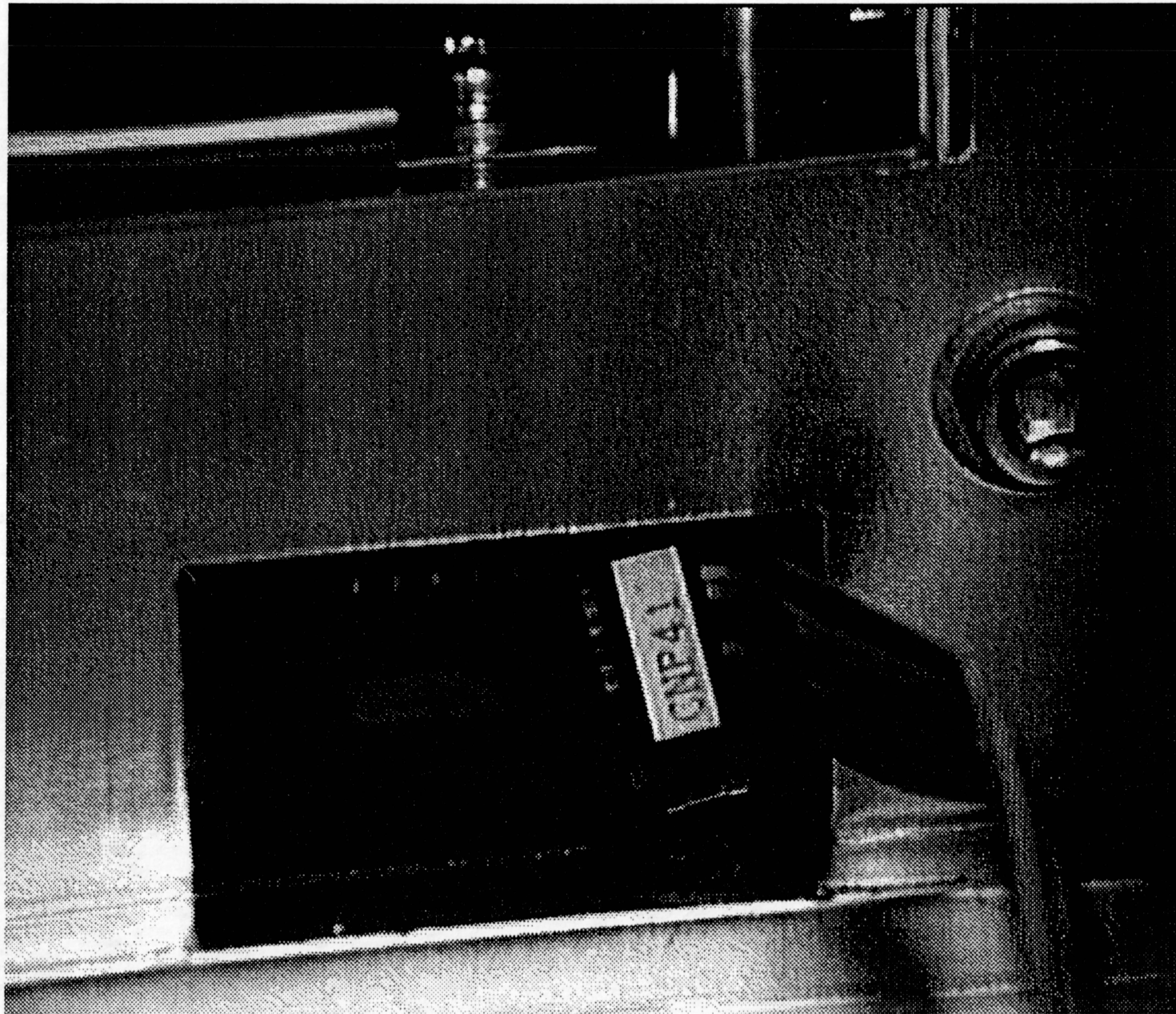
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	Allen-Head 3/16" screws	(Vendor supplied)	3
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Instructions

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Install the ACL chassis frame to the 3480 C-tape as shown, install lower-center Allen head screw thru the chassis frame before attaching the other (2) screws. Tighten all (3) screws. (NOTE: the screws are self centering).



**Step: 18    Connect Front Bezel cable**

Items Required For This Step

Itm#	Part Number	Qty
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Description

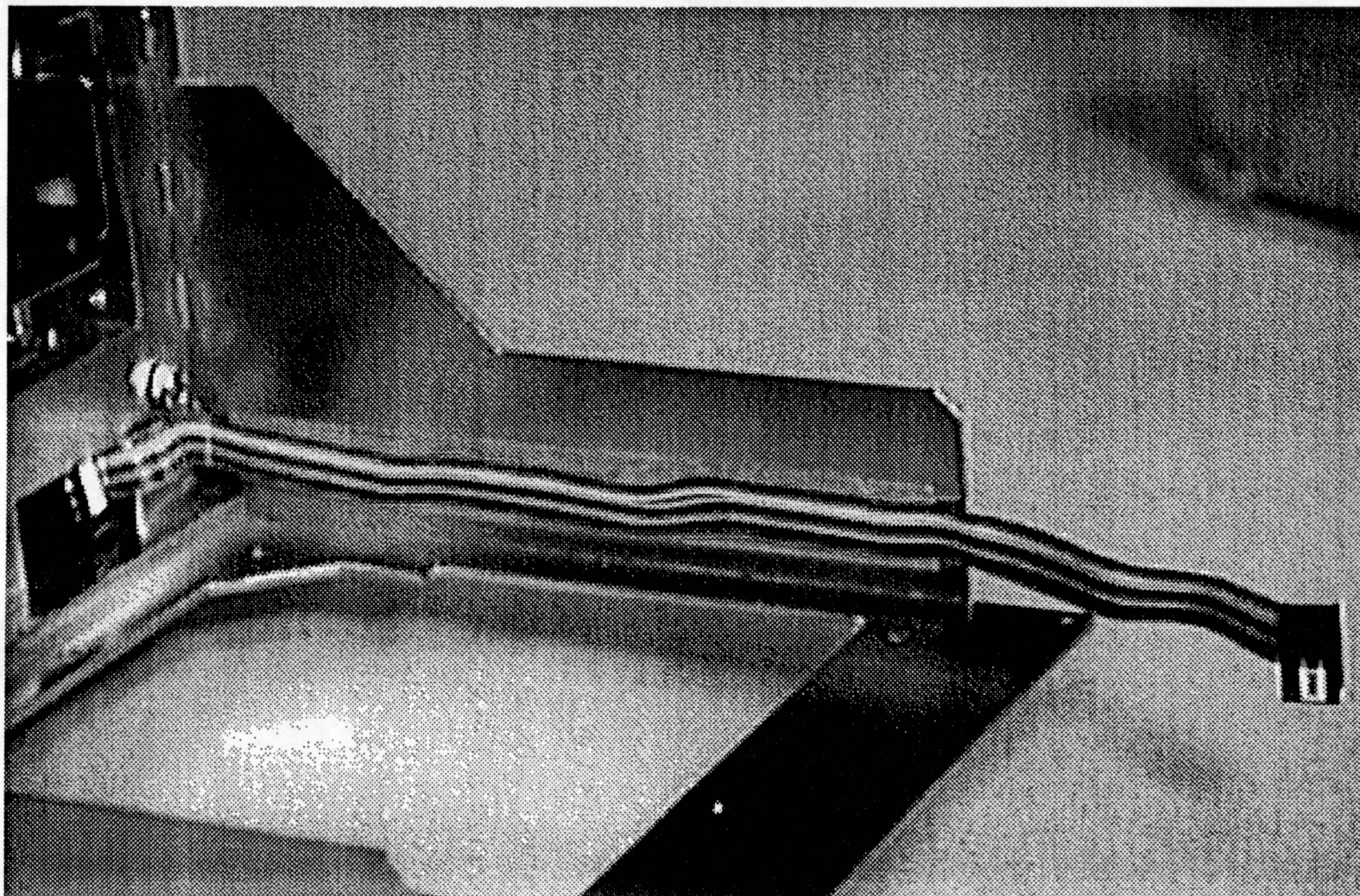
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	Bezel Cable Extension (Vendor supplied)	1
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Instructions

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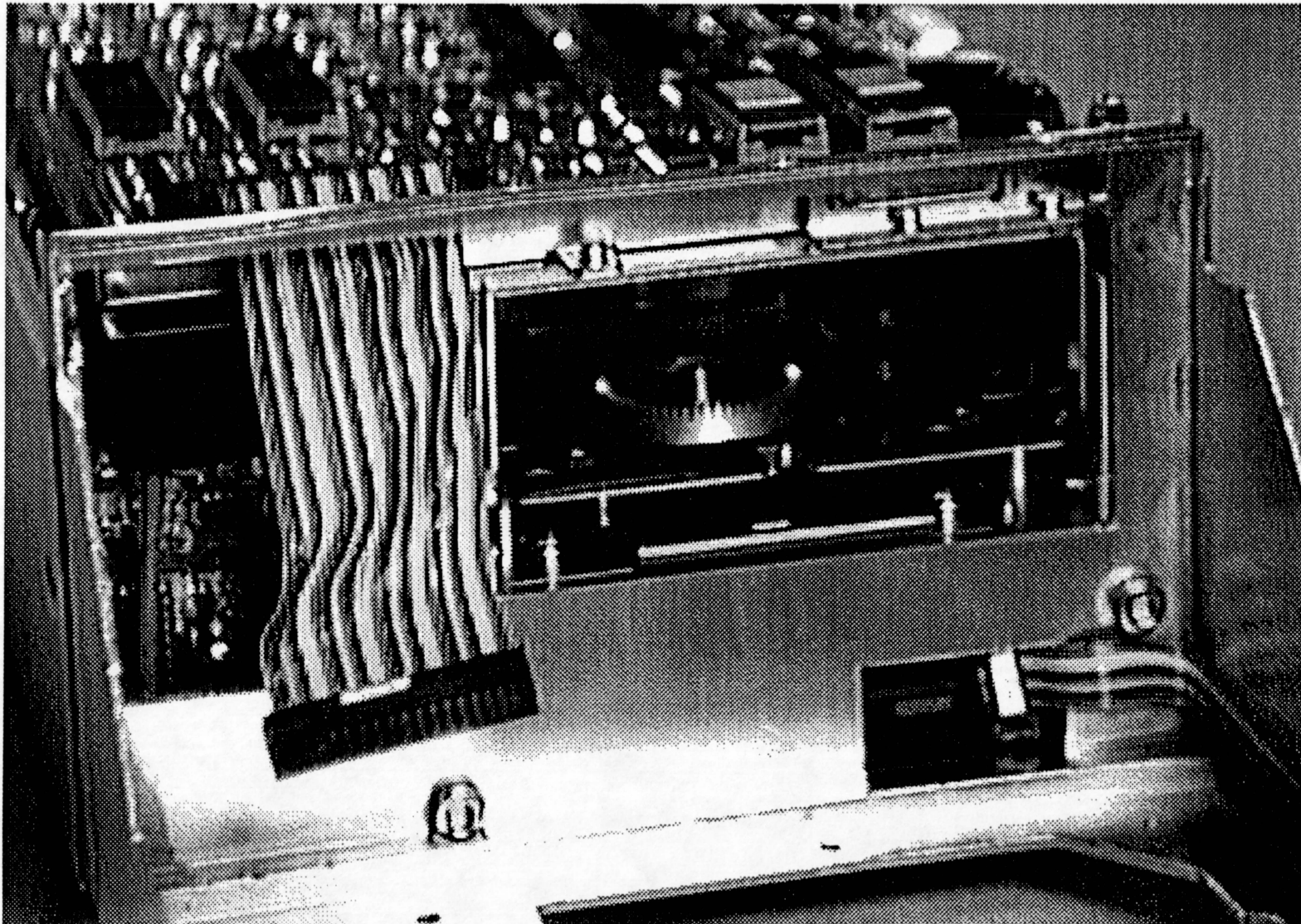
Connect the front bezel cable as shown with internal bezel cable.



Instructions

---

Remove the tape-strip guard and route the front bezel cable as shown, ensure that the cable is routed along the contour of the chassis frame. Ensure that the connectors are pushed back into the 3480 C-tape cavity.



**Step: 20      nnect Main Unit Cable to the 3480 C-Tape**

Items Required For This Step

Itm#	Part Number	Qty
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Description

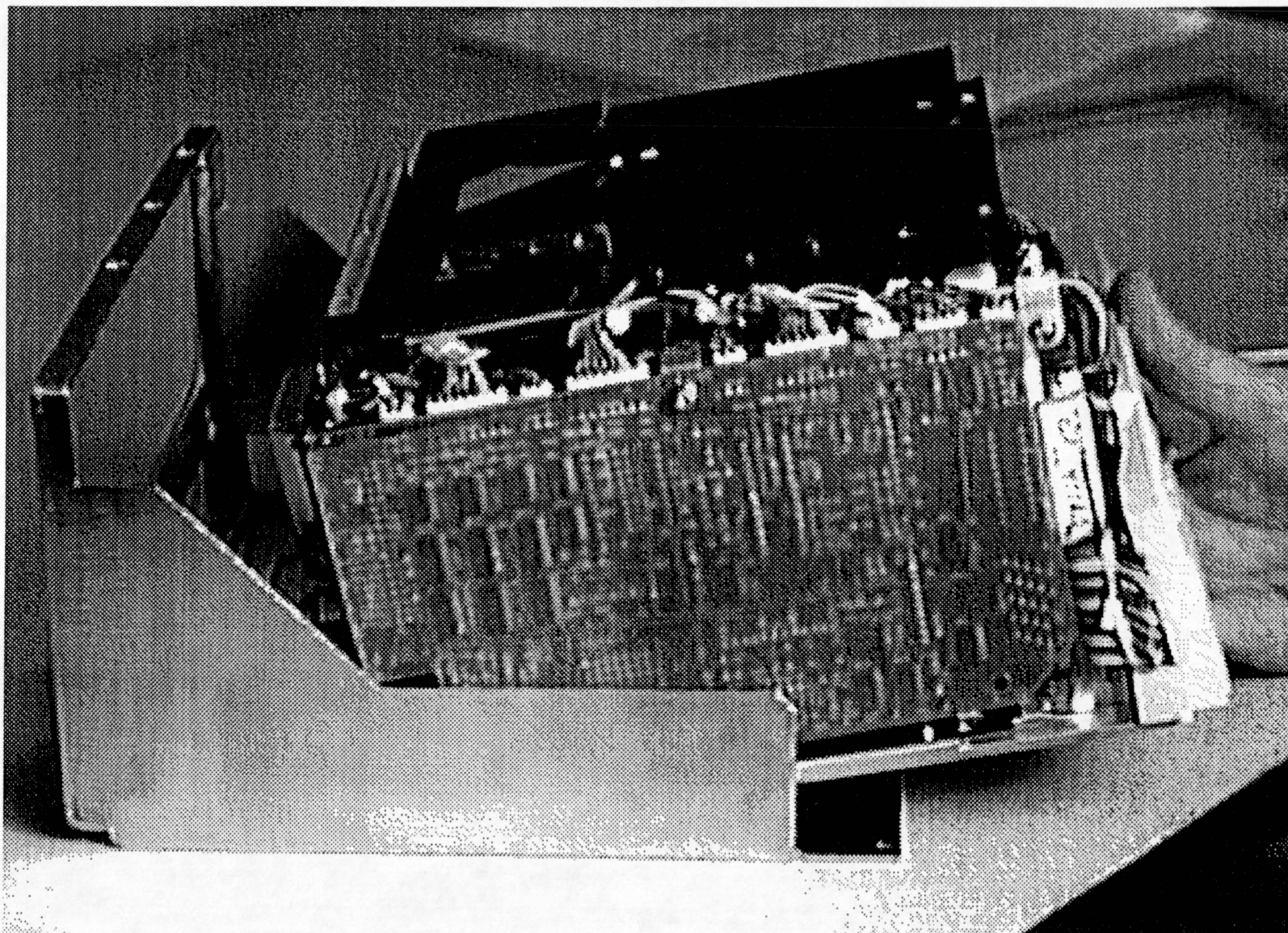
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	Cable, Main Unit (Vendor supplied)	1
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Instructions

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Connect the Main unit cable as shown to the 3480 C-tape mother board.



Instructions

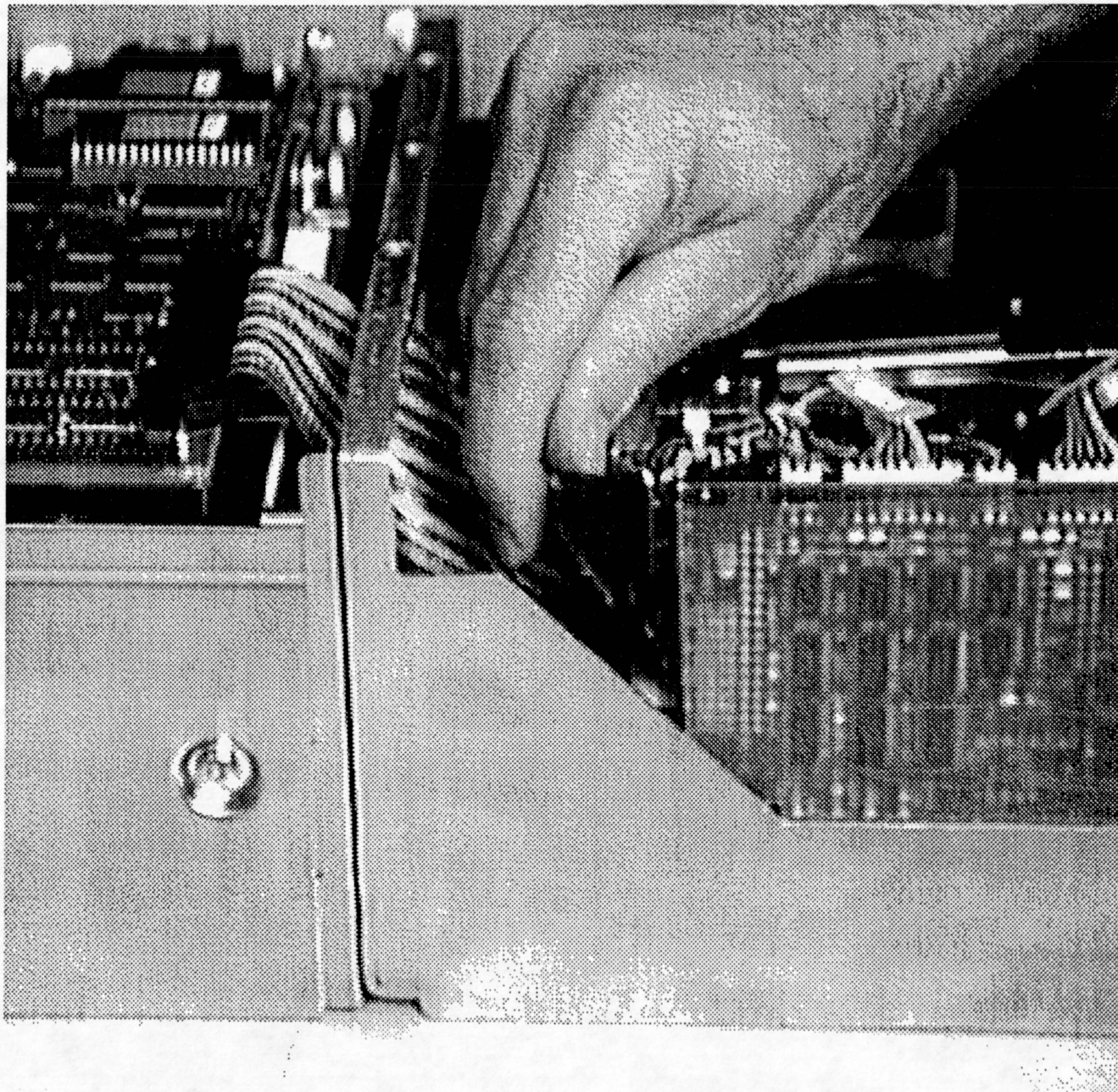
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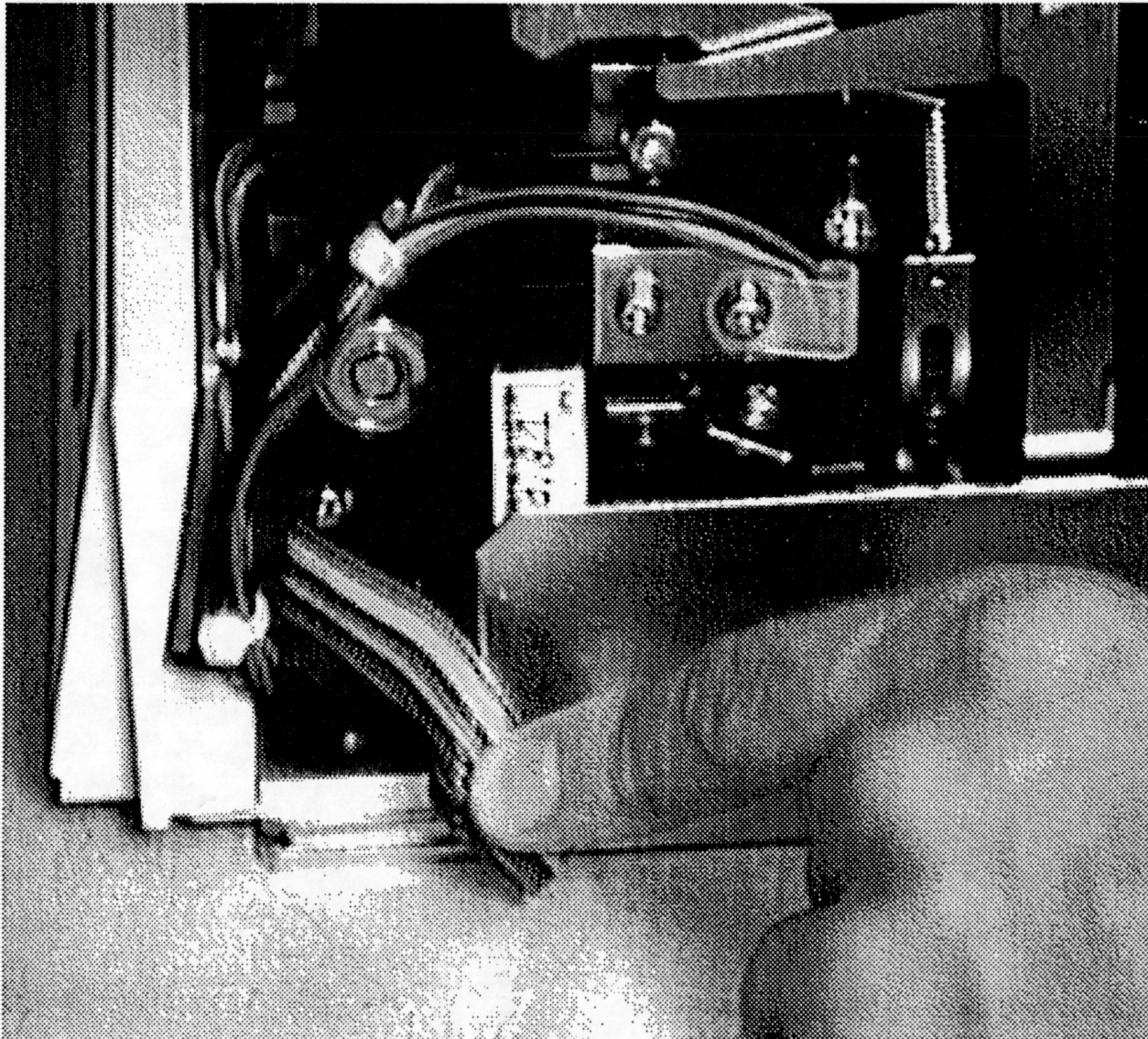
Carefully re-install the ACL chassis back into the chassis frame. (NOTE: picture does not show the 3480 C-tape attached).

Instructions

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Slide the ACL chassis into the frame until it is about 2" from the 3480 C-tape. Align the connector keys and install the Main Unit cable to the ACL unit.



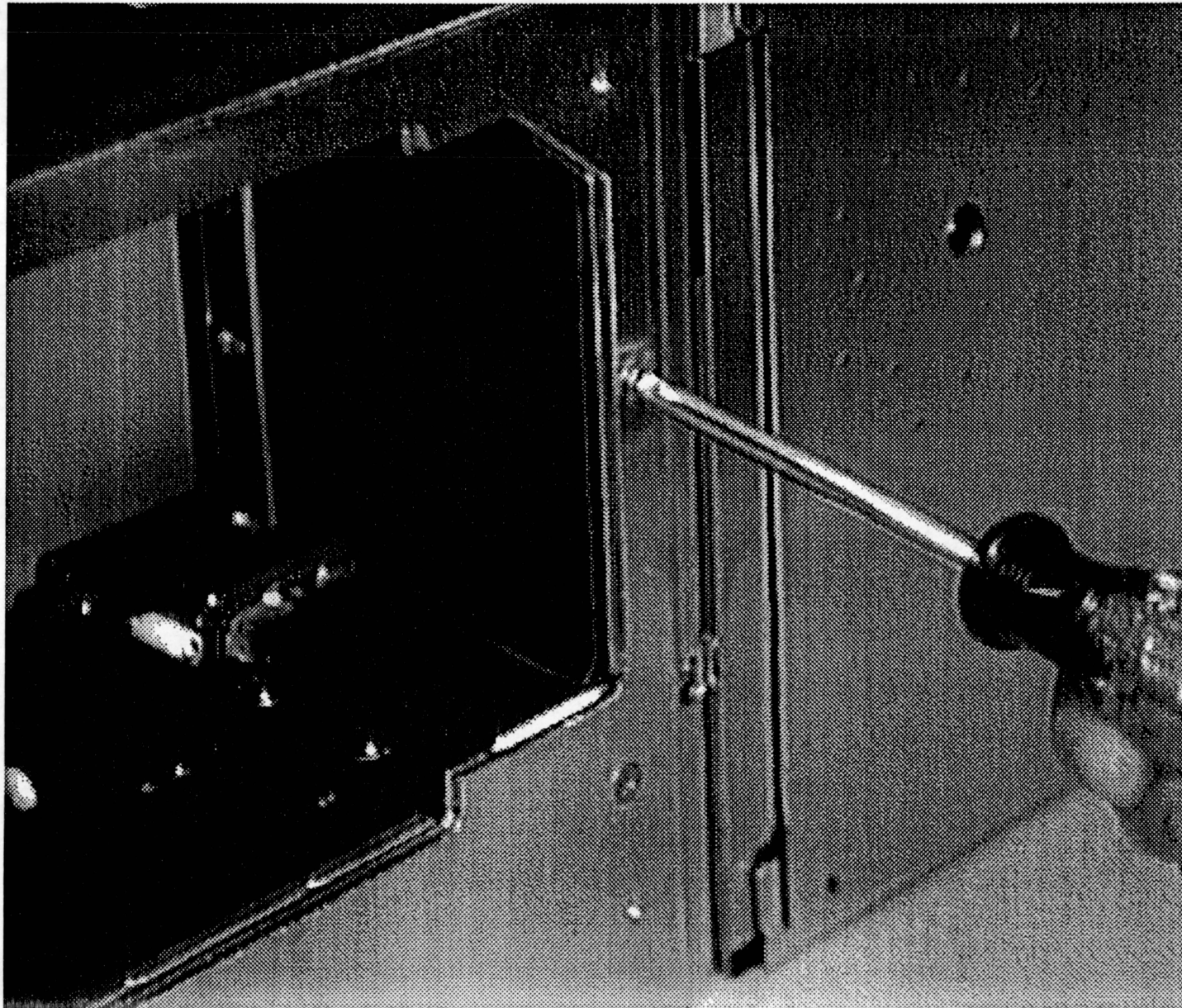


**Step: 23** — **Install Front Bezel Cable to the ACL Front Bezel**

Instructions

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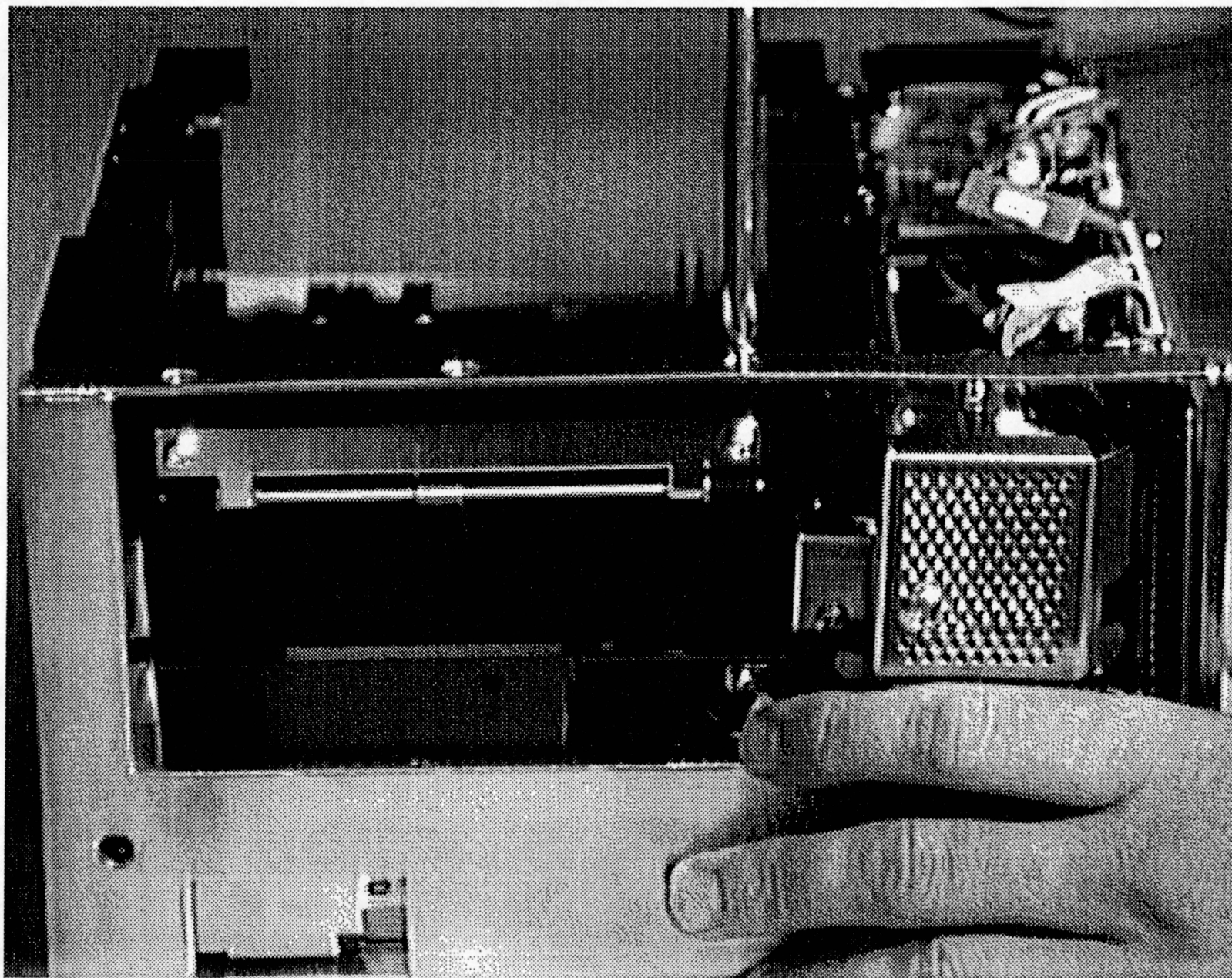
Install the Front Bezel cable as shown, note that the connectors are keyed. Carefully slide the ACL unit all the way into the frame, (be sure that cables and/or the PCB are not damaged).



Instructions

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Align the ACL chassis by hand and re-install the (4) large chassis screws.



Instructions

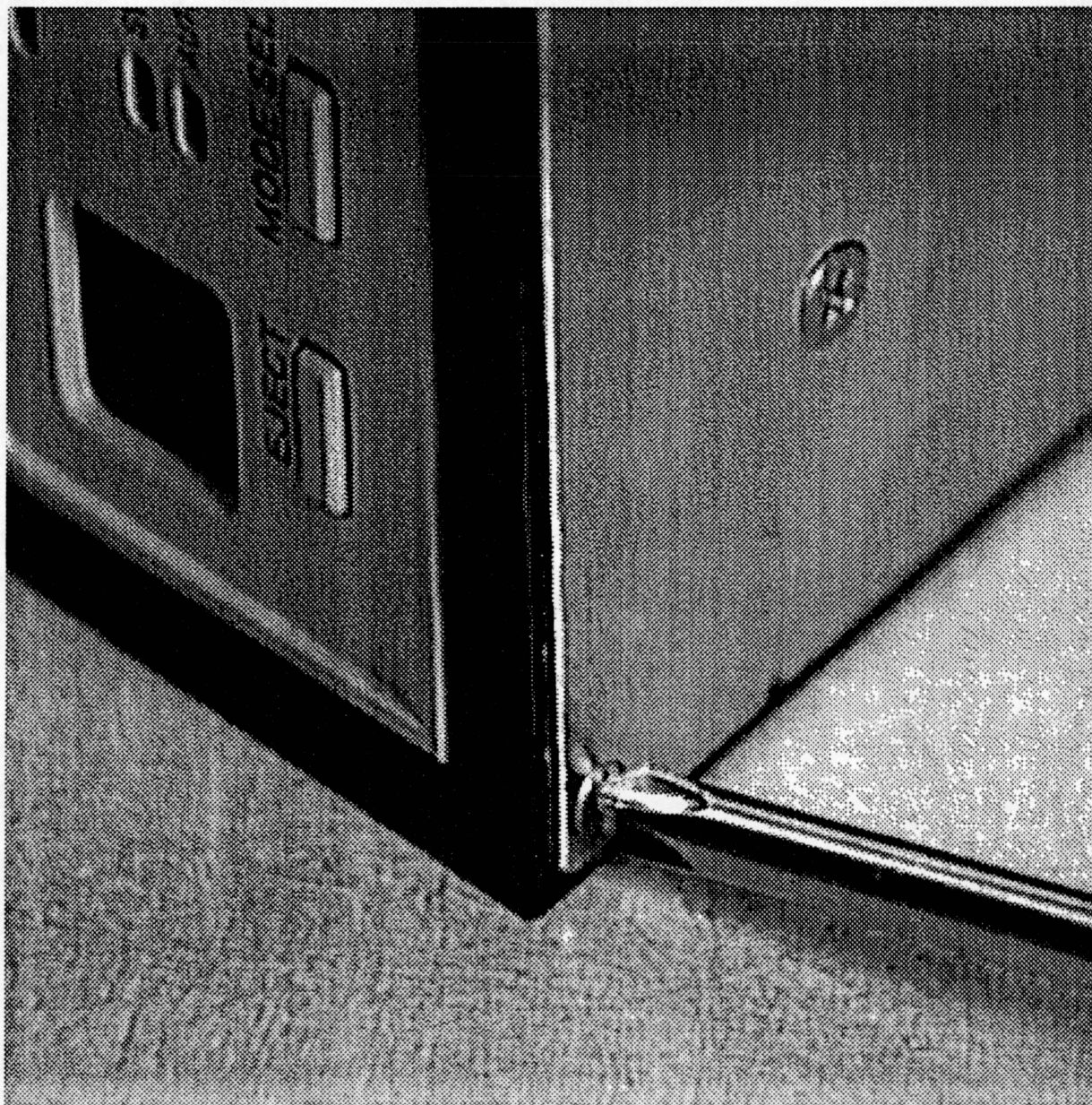
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Instructions

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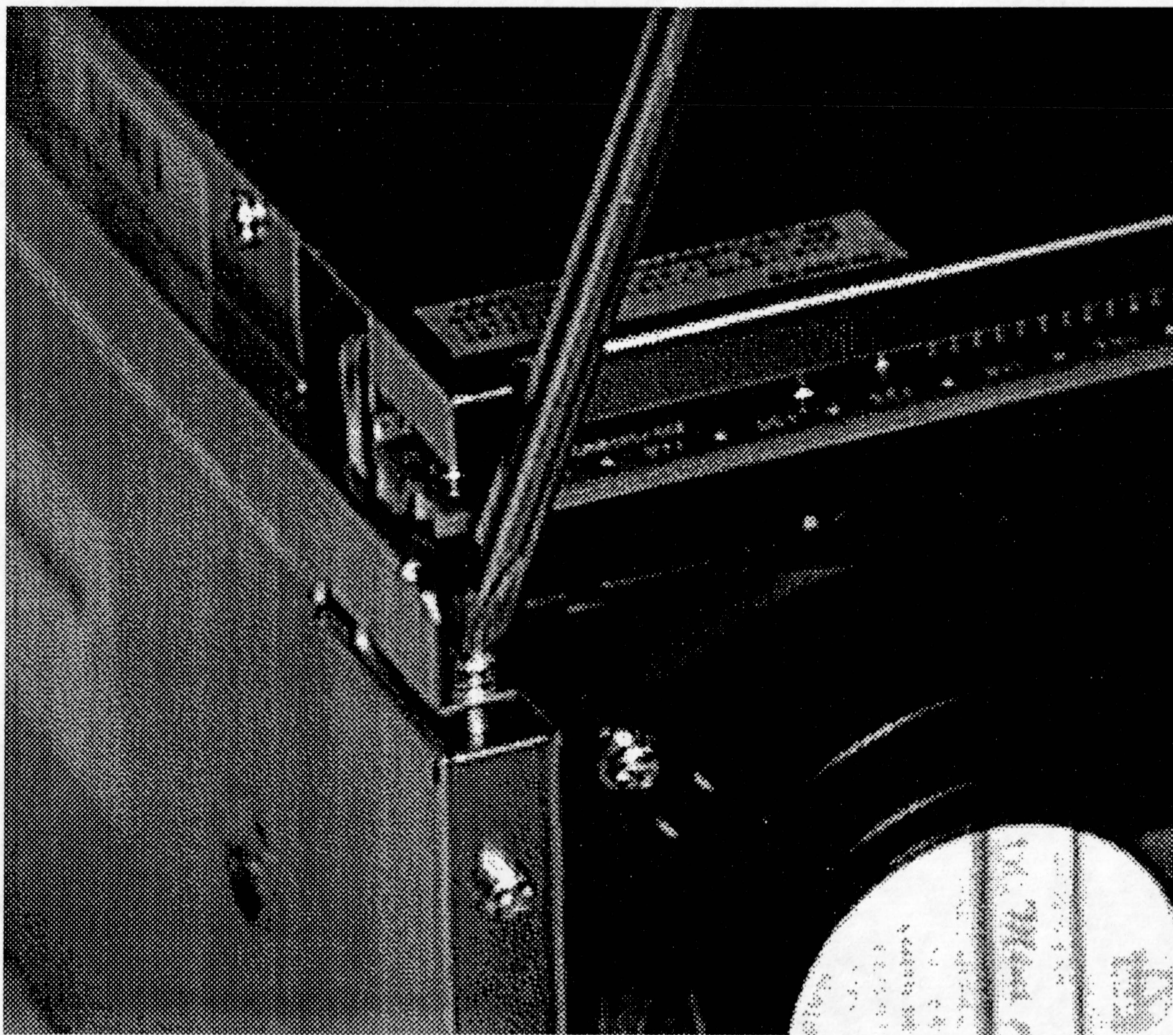
Install the ACL top cover by sliding it onto the chassis as shown, slightly depress the cartridge mechanism to allow the MFAB to seat onto the chassis.



Instructions

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Install the (2) MFAB screws.



Instructions

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Install the (2) top cover screws as shown.

Instructions

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Please package the 3480 front Bezel in ESD protective foam and send to stock, the front Bezel Part Number is:

3480 Front Bezel: