

Removing the End Covers and Dust Cover

1. Turn off the sign cutter and unplug the serial and power cables.
2. Remove the four screws which hold the sign cutter to the stand. Remove the sign cutter from the stand.
3. Remove the two black flat head screws that hold the right cover on the sign cutter then remove the right cover. See figure 5-4 below.
4. Remove the two black flat head screws that hold the left cover on the sign cutter then remove the left cover. See figure 5-4 below.
5. Use a screw driver to remove the four dust cover screws, two from each end of the sign cutter. Make sure to only remove the four dust cover screws (refer to figures 5-4 through 5-6).
6. Remove the dust cover.

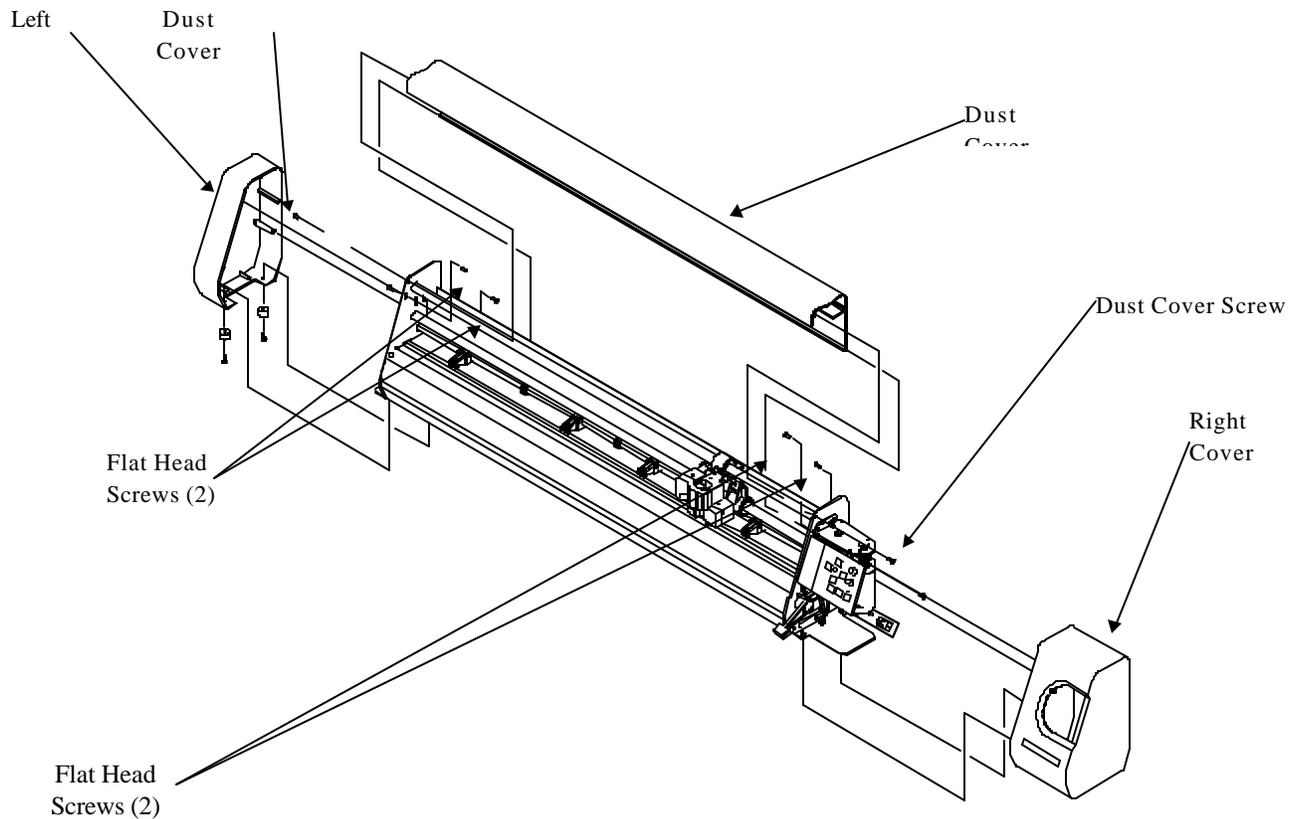


Figure 5-4. Removing the End Covers and the Dust Cover.

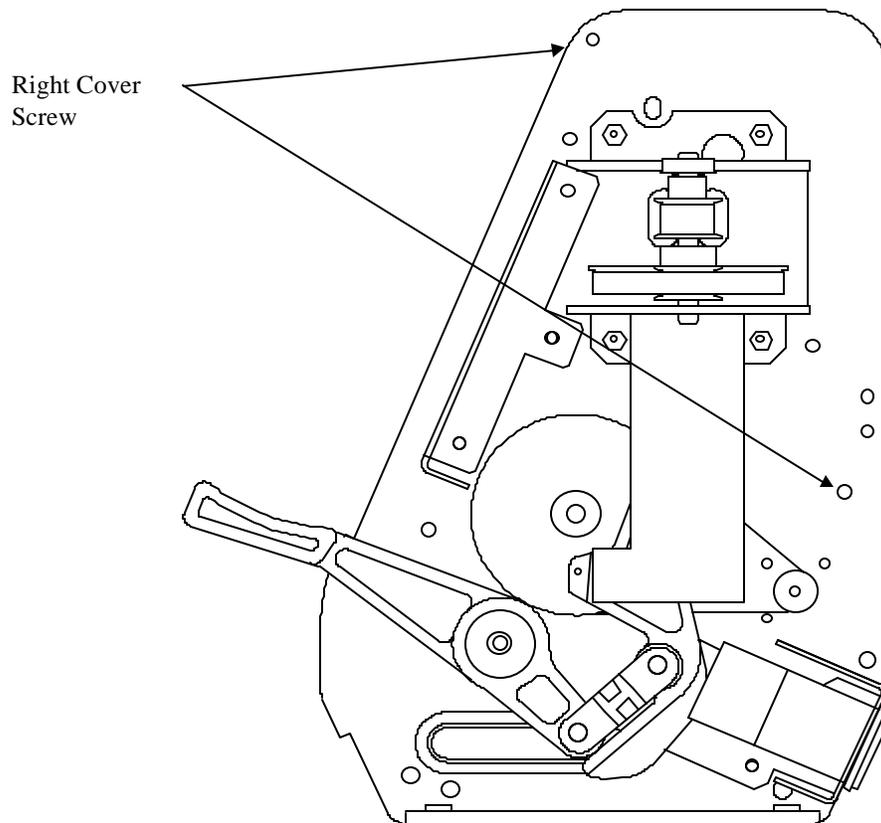


Figure 5-5. Right End With Cover Removed.

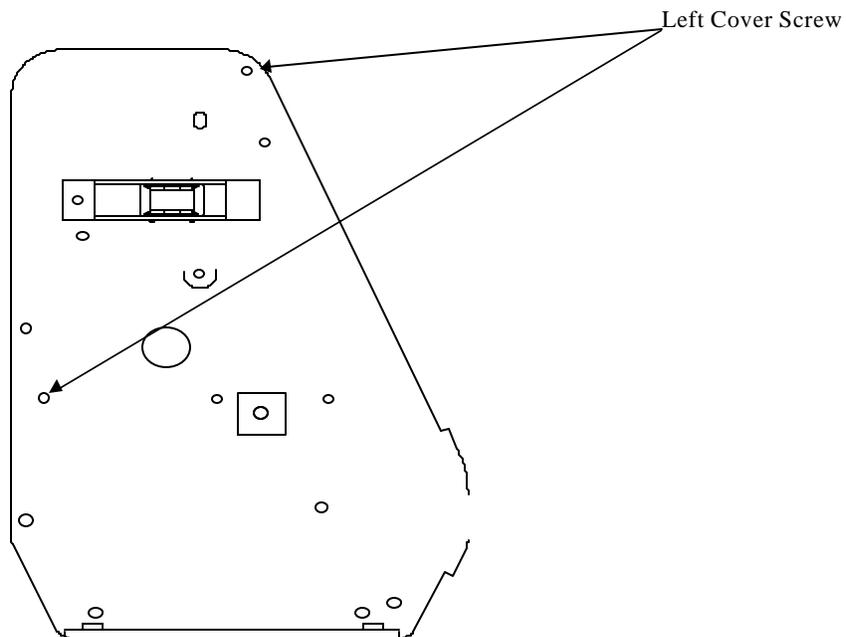


Figure 5-6. Left End With Cover Removed.

Removing the Bottom Cover for Internal Access

WARNING

- *The Super 88 is very heavy and could cause an injury if it falls. Make sure that another person assists with moving the sign cutter to and from the stand and that it is held while not connected to the stand.*
- *When the bottom cover of the Super 88 is removed and the power is on there is an electric shock hazard. These diagnostic procedures should only be performed by qualified technical personnel or individuals that are aware of safe practices with 110 VAC and 220 VAC devices.*



Do not lift the Super 88 by its top dust cover or traverse assembly. Use the bottom surfaces of the end plates for lifting and moving the sign cutter.

Tools Required:

- Phillips head screw driver.
- 5/32" allen wrench (supplied).
- Two people capable of lifting 100 pounds each.
- Grounding strap (optional).

Perform the Following Disassembly:

1. Remove the four allen head screws (5/32" allen wrench) holding the Super 88 on the stand.
2. Place the Super 88 on a flat stable surface and roll the Super 88 on it's back so that the bottom cover is easily accessible.
3. Remove the four phillips screws that retain the bottom cover (including the one in the center of the machine).
4. Loosen the bottom cover a few centimeters and carefully unplug the fans from the logic board. Do not touch any of the logic components.
5. Remove the bottom cover.

S88/52 XL Disassembly

1. Shut off the sign cutter and remove the power and serial cables.
2. Remove the unit from the stand and place on floor or on table and remove the (4) screws that secure the left cover and the (4) screws that secure the right cover to unit.
3. Remove the (4) screws that secure the dust cover to the endplates.