

RIBBON MOTION DETECTION INSTALLATION INSTRUCTIONS

1. Turn the printer off.
2. Disconnect the printer from the AC power source.
3. Press in on the latches located on both sides of the top sliding cover and slide the cover back.
4. Remove the two phillips screws securing the top sliding cover and remove cover (Figure 1).
5. Slide the forms adjustment lever towards the front of the printer and remove the ribbon cartridge.
6. Remove the seven screws securing the power supply shield and remove the shield. (CAUTION: The leads from the fan assembly are still connected to the controller board.)

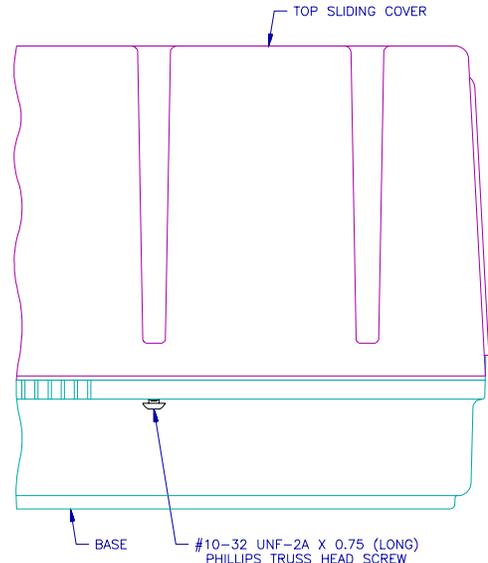


Figure 1

7. Disconnect the existing fan from the controller board at J102.

8. Cut the cable tie securing the ferrite bead and fan leads to the power supply shield (Figure 2).
9. Remove the four kep nuts securing the fan and remove the existing fan. (CAUTION: Note orientation of air flow arrows before removing fan.)
10. Properly orient and secure the new fan in place with the four kep nuts.
11. Secure the ferrite bead and fan leads to the power supply shield with a new cable tie.

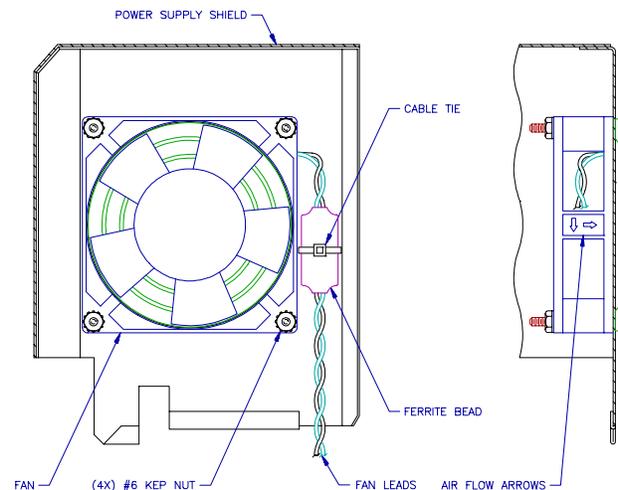


Figure 2

12. Disconnect the existing ribbon motor from the controller board at J112.

13. Remove the three screws securing the existing ribbon support plate assembly and remove the plate assembly (Figure 3).

14. Route the new ribbon motor leads underneath the power supply and connect to the controller board at J112.

15. Position the new ribbon support plate assembly in place so that the reed switch connector exits through the "V" slot in the right endplate (Figure 4).

16. Secure the new ribbon support plate assembly in place with the three screws.

17. Remove the existing carriage processor chip from the controller board at XU109 and replace with the new carriage processor chip.

18. Connect the new fan to the controller board at J102.

19. Replace the power supply shield with the reed switch connector exiting towards the front along the bottom lip of the right endplate and secure in place with the seven screws (Figure 4).

20. Connect the two reed switch connectors (one from the reed switch and one from the fan connector) along the outside of the right endplate.

21. Replace the ribbon cartridge.

22. Replace the top sliding cover.

23. Replace the two phillips screws to secure the top sliding cover (do not fully tighten screws to ensure that the cover slides smoothly) and close cover.

24. Reconnect to the AC power source.

25. Reset the forms adjustment lever for the appropriate forms thickness and turn the printer on for operation.

