

## Hammer Bank Service Position

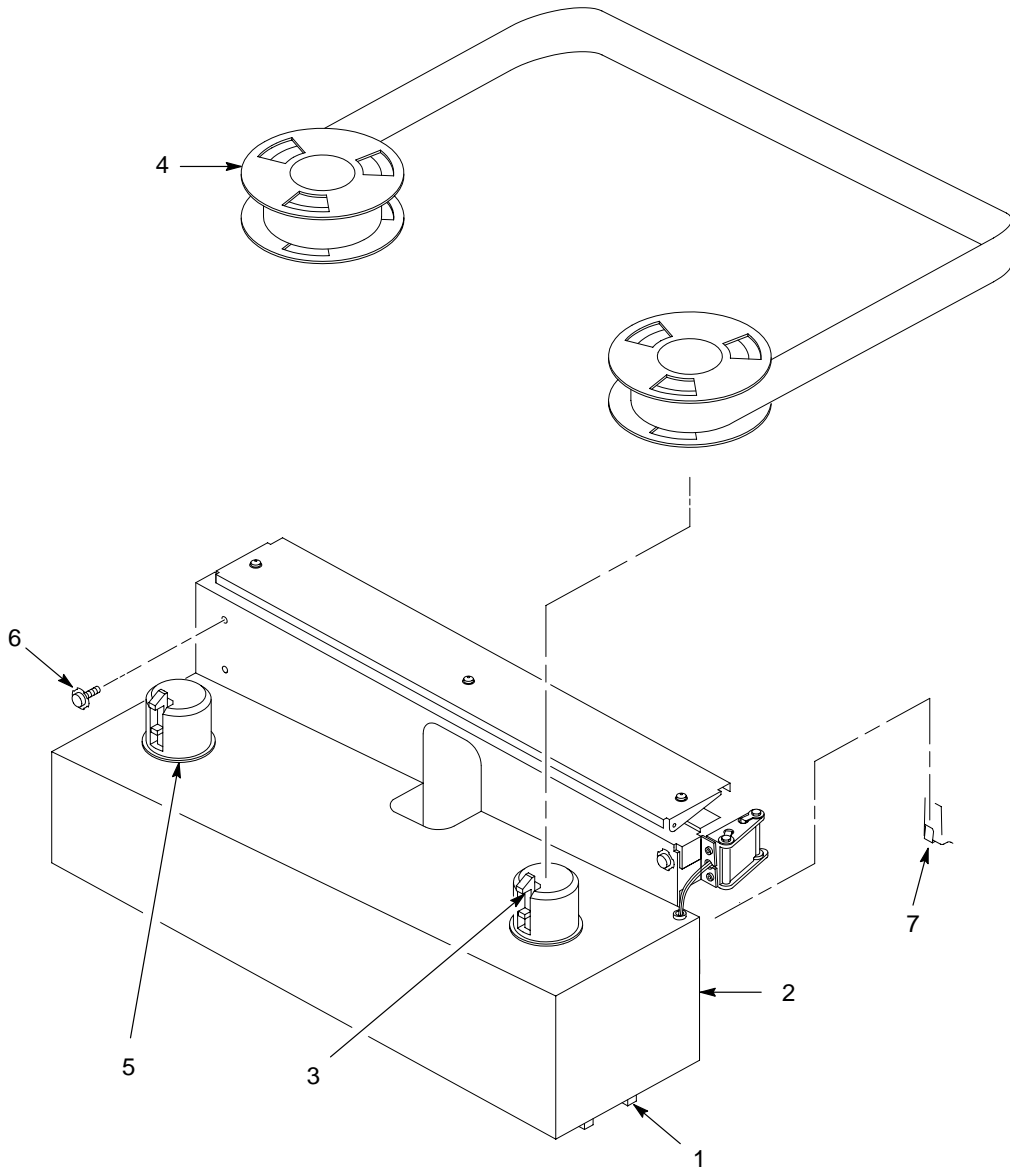
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### Putting the Hammer Bank in the Service Position

1. Unplug the printer power cord from the AC receptacle.
2. Open the printer cover and the front door of the lower cabinet.
3. Disconnect four connectors (1) from the bottom of the ribbon deck assembly (2). (See Figure 5-1.)
4. Squeeze the lock tabs (3) and remove the ribbon spools (4) from the ribbon hubs (5).
5. Remove three hex head screws (6).
6. Raise the ribbon deck assembly slightly and lift it off the retaining clips (7). Set the ribbon deck aside.

(Procedure continued on page 5-4.)

1. Connector (4)
2. Ribbon Deck Assembly
3. Lock Tab (2)
4. Ribbon Spool (2)
5. Ribbon Hub (2)
6. Screw (3)
7. Retaining Clip (2)



**Figure 5-1. Ribbon Deck Removal**

7. Place the hammer bank assembly in the service position, as follows:
  - a. Set the forms thickness lever (1) to fully open. (See Figure 5–2)
  - b. Remove the velcro pad (2) holding the coil wires.
  - c. Disconnect the coil connectors (3).
  - d. Remove four screws (4), eight washers (23, 24), and two coil lead brackets (5).
  - e. Remove two screws (6), lockwashers (7), and washers (8).
  - f. Remove two screws (9) and washers (10) from the shroud (11).
  - g. Separate the shroud from the shuttle assembly (12).

**CAUTION**

**Be careful to prevent shims and the antirotation block from falling into the printer.**

- h. Remove two screws (13). Separate the antirotation block (14) and shims (15) from the shuttle assembly by compressing the spring on the side and lifting the block up.
- i. Rotate the hammer bank (16) as far as it will go toward the front of the printer.

**CAUTION**

**Do not loosen the bearing block set screws (25).**

- j. Pull the hammer bank cover (17) away from the magnets on the hammer bank. Disengage the cover from the holding pins (18) and remove it from the printer.



## Returning the Hammer Bank to the Operating Position

1. Install the hammer bank cover. Make sure it engages the holding pins.  
(See Figure 5–2.)
2. Rotate the hammer bank as far as it will go toward the rear of the printer.

### CAUTION

**Do not lubricate the bearing block assemblies or hammer bank shaft.**

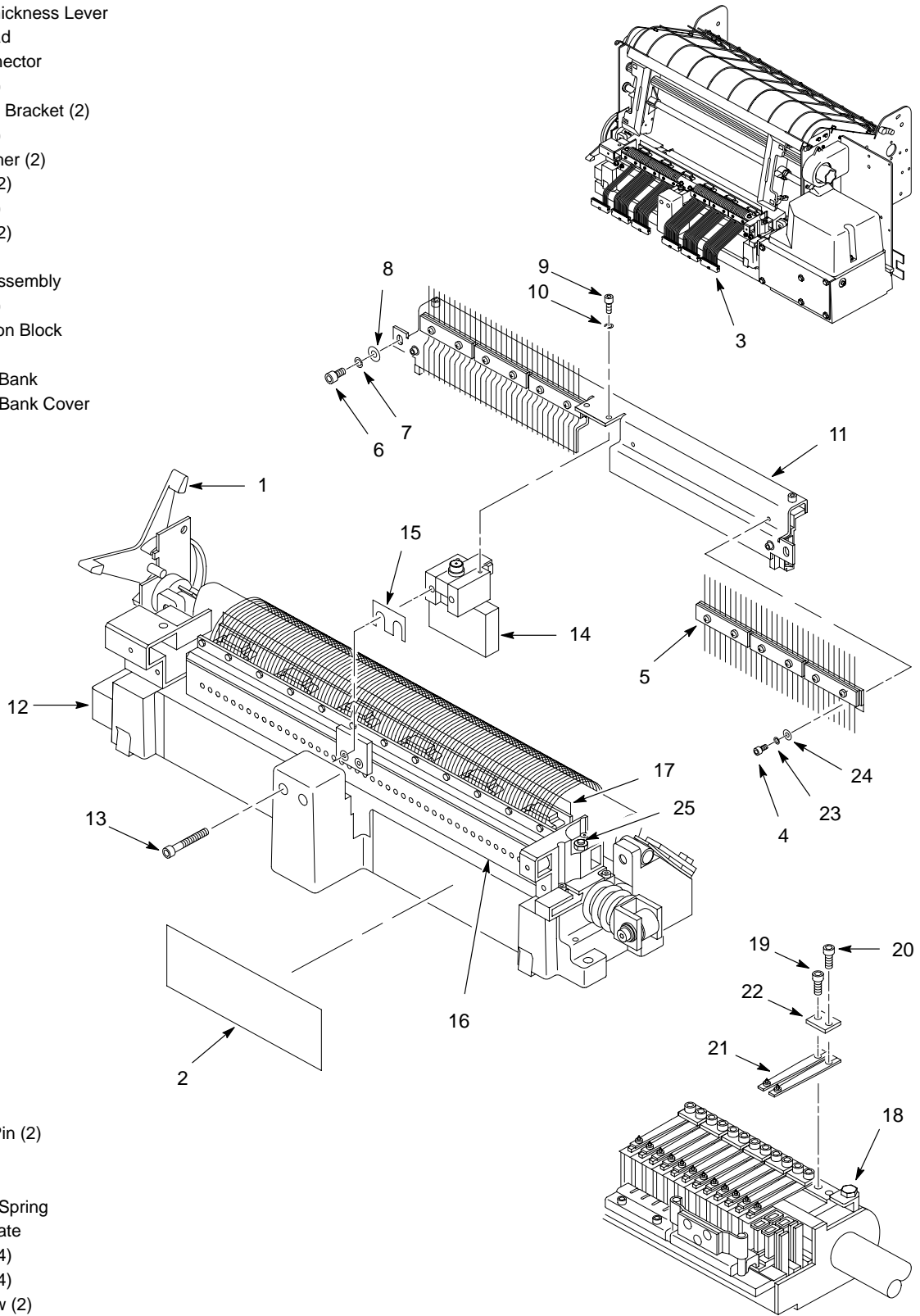
3. Apply a 1/4 inch dab of grease to both sides of the plate of the hammer bank where the plate contacts the bearing surfaces of the antirotation block.
4. Place the antirotation block and shim on the shuttle assembly by forcing the slide toward the rear of printer. Install two screws (13).
5. Place the shroud (11) on the shuttle assembly. Install two screws (9) and washers (10) at the top loosely.
6. Loosely install two screws (6), lockwashers (7), and washers (8). Pull the shroud toward the front of the printer and tighten the top screws (9). Release the shroud, then tighten the front screws (6).

### CAUTION

**To prevent wear on the front of the shroud, do the next step carefully. Incorrect placement can also cause poor print quality. Inspect the front area of the shroud to ensure that there is adequate clearance between the shroud and the screws on the hammer bank assembly.**

7. Install two coil lead brackets to the shroud with four screws (4) and eight washers (23, 24). Be sure to position the brackets down against the ledge on the shroud. Working from left to right, connect the coil connectors and reinstall the velcro pad.
8. Install the ribbon deck assembly by reversing the steps on page 5–2.

1. Forms Thickness Lever
2. Velcro Pad
3. Coil Connector
4. Screw (4)
5. Coil Lead Bracket (2)
6. Screw (2)
7. Lockwasher (2)
8. Washer (2)
9. Screw (2)
10. Washer (2)
11. Shroud
12. Shuttle Assembly
13. Screw (2)
14. Antirotation Block
15. Shim
16. Hammer Bank
17. Hammer Bank Cover



18. Holding Pin (2)
19. Screw
20. Screw
21. Hammer Spring
22. Clamp Plate
23. Washer (4)
24. Washer (4)
25. Set Screw (2)

**Figure 5-2. Hammer Bank Service Position**