

## 5–10. Platen Gap (Figure 5–8)

1. Disconnect power cord (1). Open front cover (2).
2. Raise Forms Thickness Lever to the open position.
3. Remove paper and ribbon from printer.
  - a. If the user reports that some characters are not printing, or if you find any other symptoms that indicate the hammer bank cover (3) is misaligned, proceed to substep 3.b.; otherwise, continue at step 4.
  - b. Check that the hammer bank cover (3) is positioned correctly: it must be flat on the hammer bank with the holes aligned with the hammer tips and properly seated on the roll pins (5) at both ends. If accessing the hammer bank is required to check this, perform the steps in paragraph 3–4c.

– CAUTION –

**Hammer tips are susceptible to damage when subjected to a sideways force.**

4. Measure platen gap.

– CAUTION –

**Take care not to damage paper ironer with feeler gauge.**

- (a) With Forms Thickness Lever open, insert flat feeler gauge (6) between platen (7) and hammer bank cover (3) within six hammer positions of left end of hammer bank. Use 0.012 inch feeler gauge for P300 and non–phase fire P600; Use 0.010 inch feeler gauge for phase fire P600. (Non–phase fire P600 printers do not have heat sinks on the shuttle coils.)
  - (b) Carefully lower Forms Thickness Lever until platen (7) just contacts feeler gauge (6) with lever fully closed. Gauge should move with only slight friction. Make sure gauge is vertical and in the same plane as (flat and in front of) hammer tips (8). If out of adjustment, see step 6.
5. Repeat step 4 for right end of hammer bank.
6. If platen gap is incorrect:
  - (a) Adjust two support screws (9) as required. Note that 1/4 turn equals about 0.007 inch. Remember that adjusting one end affects the other end. Therefore, if one end is off by more than 0.001 inch, it should be only partially adjusted before checking and adjusting the other side.
  - (b) Repeat steps 4 through 6.
7. Raise Forms Thickness Lever to open position. Install ribbon and paper in printer.

*NOTE: After resetting platen gap, it may be necessary to replace the forms thickness label (P/N 104515–001) to reflect new adjustments.*

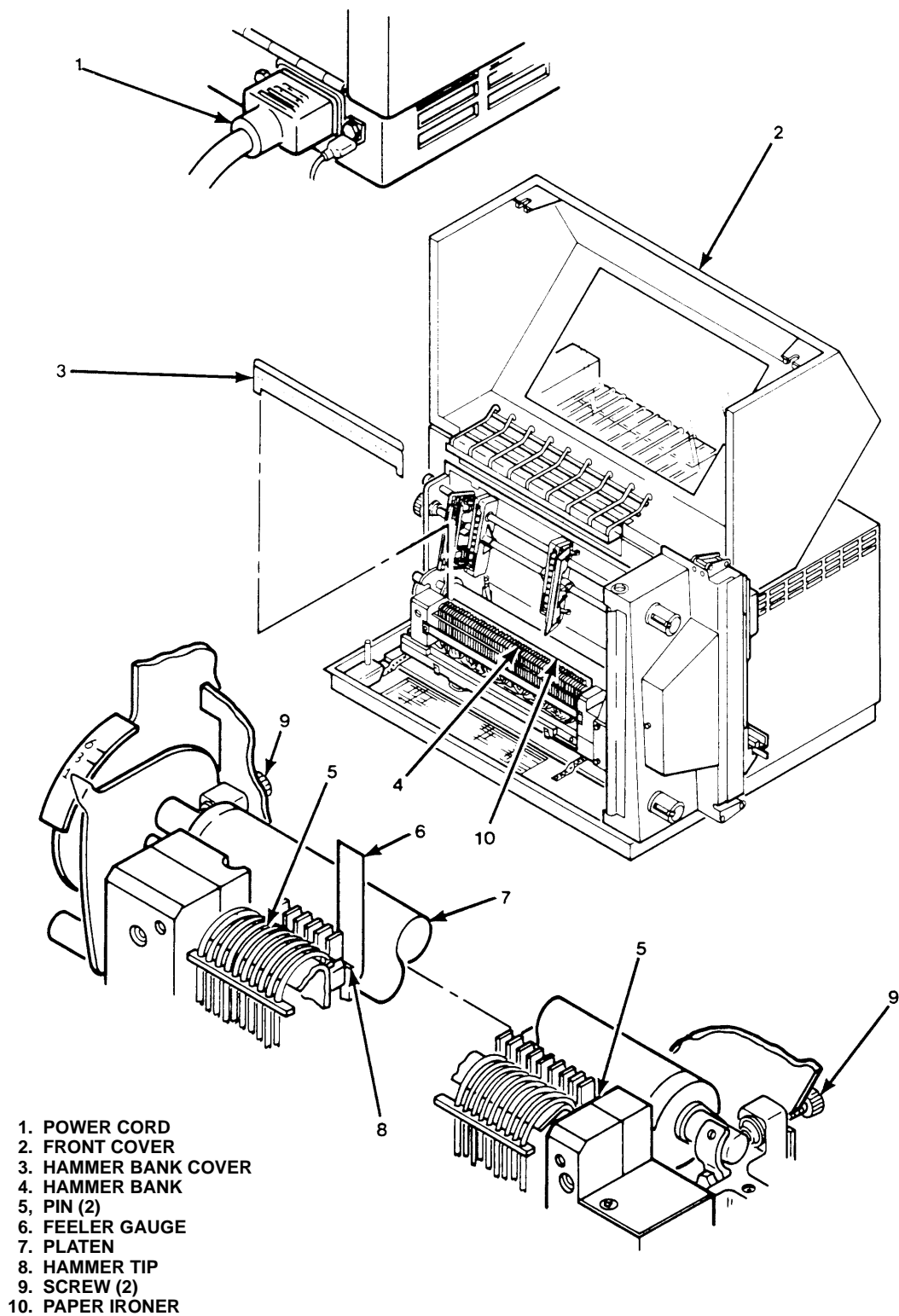


Figure 5-8. Platen Gap Adjustment