Platen Gap (Figure 5–9)

1. Disconnect the power cord from the rear of the printer. Open the printer cover. Unload paper from the printer.
2. Remove the ribbon deck assembly. (See page 5–2.)
3. Remove the RPF belt cover. Loosen the platen open motor screws to loosen the platen open belt. (See page 6–44.)
4. Raise the forms thickness lever (1) to the open position.
5. Measure the platen gap, as follows:

CAUTION

Take care not to damage the hammer bank cover or the hammer tips with the feeler gauge.

   a. Insert a flat feeler gauge (2) between the platen (3) and the hammer tips (4) in the ribbon path of the hammer bank cover (5) within six hammer positions of the left end of the hammer bank. If the forms thickness lever is in the "A" position, use a 0.009 inch feeler gauge. When the forms thickness lever is fully closed, use a 0.007 inch gauge.

   b. Carefully lower the forms thickness lever until the platen just contacts the feeler gauge with the lever at the "A" setting. The feeler gauge should move with only slight friction. Make sure the gauge is vertical and in the same plane as the hammer tips.

6. Repeat Steps 4 and 5 at the right end of the hammer bank.
7. If the platen gap is incorrect:

   a. Adjust the two set screws (6) as required:
   1/4 turn equals approximately 0.008 inch.

   b. Repeat Steps 4 through 6 until the platen gap is correct.

8. Adjust the platen open belt. (See page 5–24.)
9. Install the ribbon deck assembly. Install paper. Close the printer cover and connect the power cord.

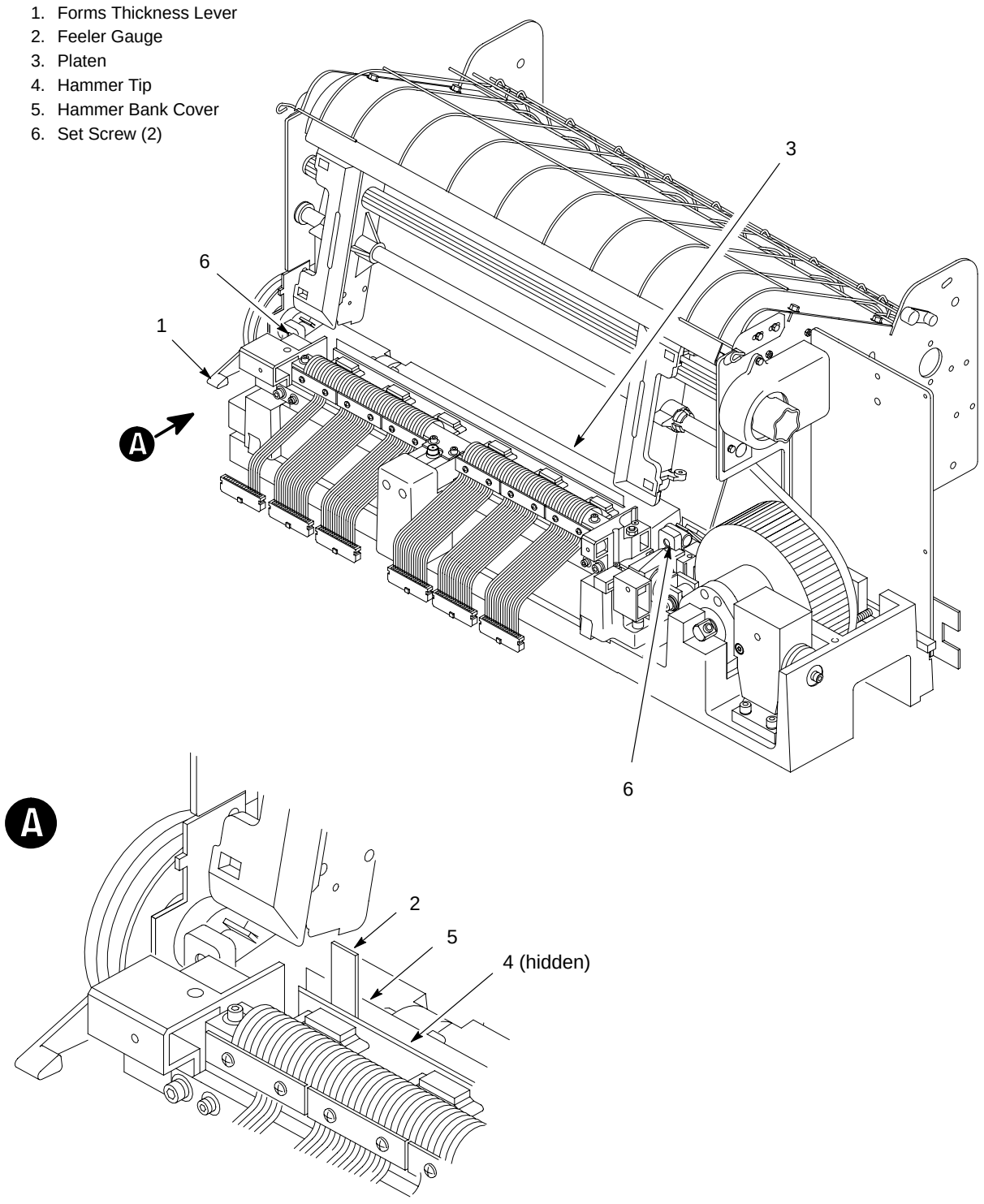

Figure 5–9. Platen Gap Adjustment

Platen Open Belt Adjustment (Figure 5–10)

1. Open the printer cover and the rear door.
2. Remove the RPF belt cover (1) by squeezing the top and bottom to release the plastic tabs from the slots in the side plate.
3. Loosen the platen open motor mount screws (2).
4. Place a reusable tie–wrap (3) around the platen open motor (4), leaving enough slack for inserting the force gauge.
5. Close the forms thickness lever all the way.

CAUTION

Too much tension on the platen open belt can cause the platen gap to change, which can lead to premature wear of the platen, damaged hammer tips, and poor print quality.

6. Hook the right–angle end of the force gauge (5) through the tie–wrap and apply 5–6 pounds of tension to the platen open motor by pulling the gauge in the direction opposite the forms thickness lever.
7. Hold 5–6 pounds tension on the force gauge and torque the motor mount screws to 20 inch–pounds.
8. Remove the reusable tie–wrap from the platen open motor.
9. Snap the RPF belt cover into the slots in the side plate.
10. Close the printer cover and the rear door.

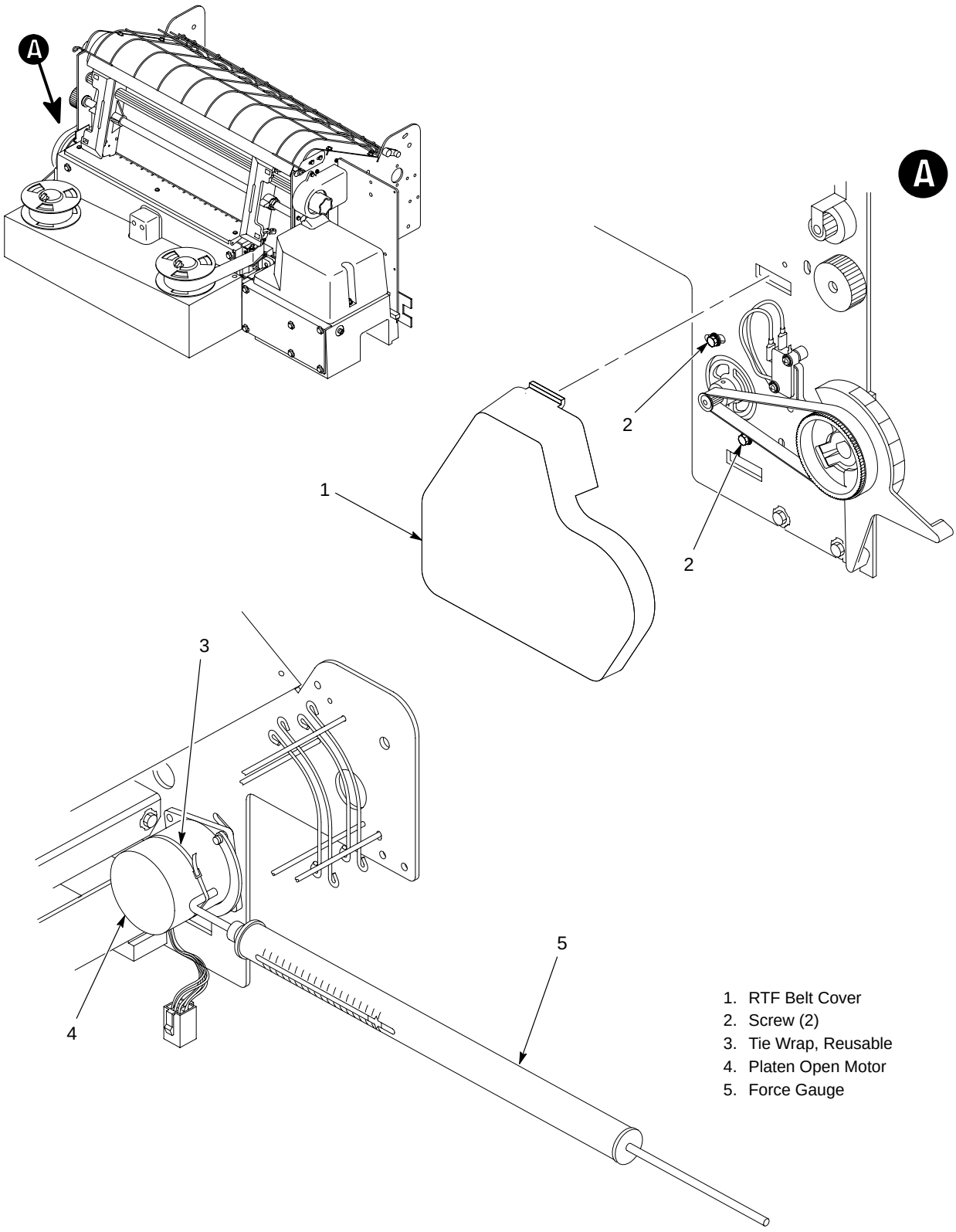

Figure 5–10. Platen Open Belt Adjustment