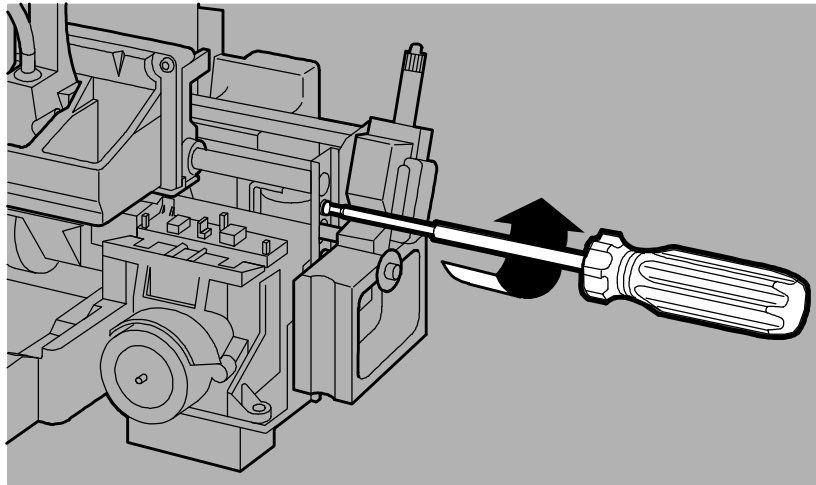


Adjustments

HP DeskJet 6xx Printers

Adjusting the Carriage Rod

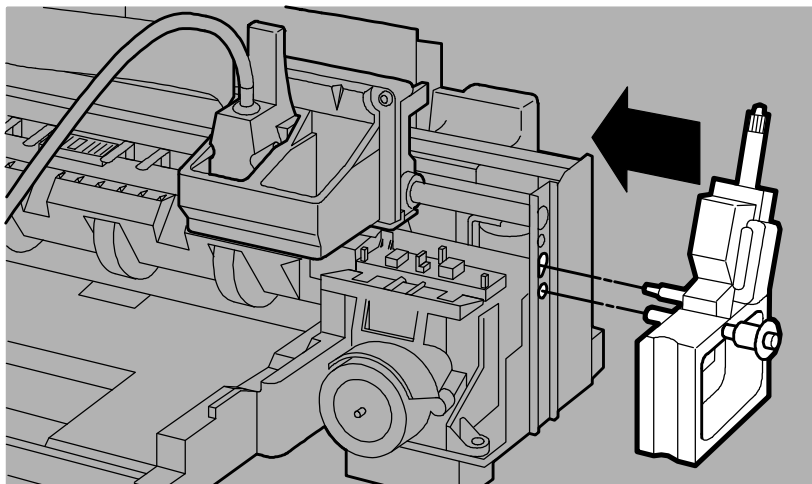
1. Replace the right and left bracket screws (part number 0515-2522). Do not tighten the new screws. The washer, however, should just touch the bracket.



Note:

The screw/washer combination must be replaced with a larger washer to help ensure the old washer indentation does not affect the new adjustment.

2. Attach the right adjustment tool to the right end of the mechanism as follows:



- A. Align the fixed and spring loaded posts on the right adjustment tool with the two holes on the right side of the mechanism, just below the carriage rod tip.
- B. While pushing the spring loaded post, mount the right adjustment tool on the right side of the mechanism. Then release the spring loaded post.

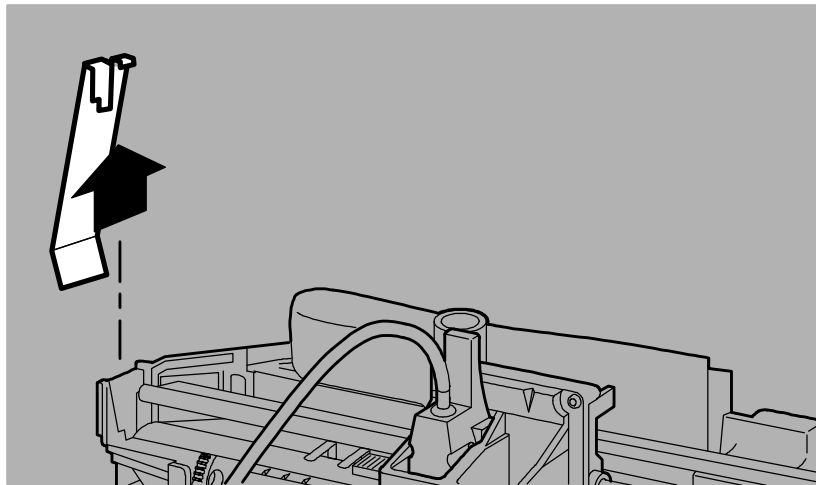
Note:

You may need to turn the micrometer knob in order to have both posts (fixed and spring loaded) align with both holes on the side of the mechanism.

Note:

If the tool is properly mounted on the mechanism, the spring loaded post will remain depressed once you release the post.

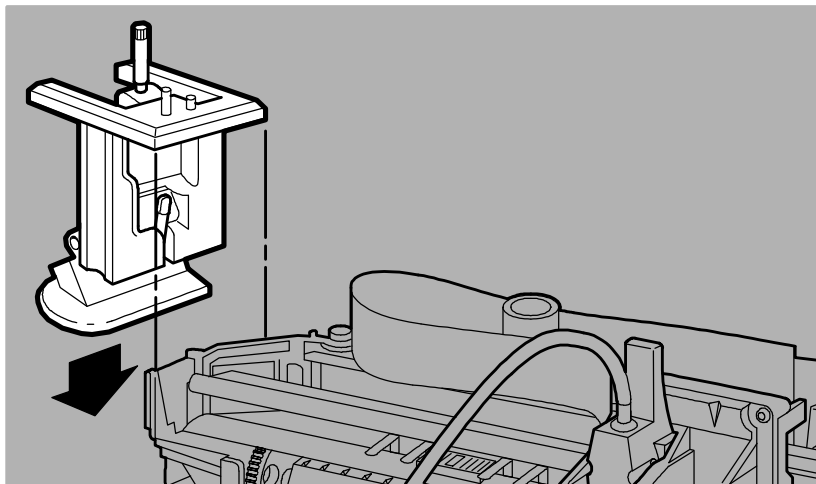
3. Remove the rod retainer from the left end of the mechanism.



Note:

A misaligned adjustment tool could damage the mechanism. To avoid this, verify that the bracket screw on the left side is already loose. If not, loosen the screw now.

4. Attach the left adjustment tool to the left end of the mechanism as follows:

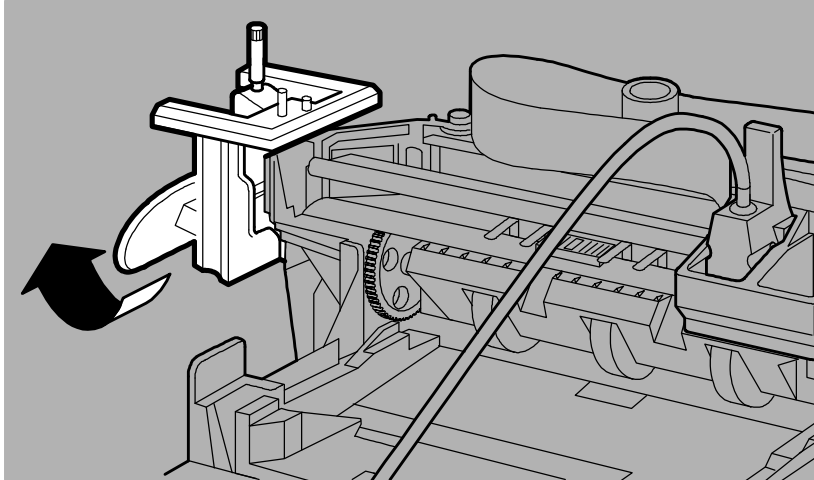


- A. Align the left adjustment tool over the left edge of the mechanism.
- B. Lower the left adjustment tool such that it straddles the left edge of the mechanism.

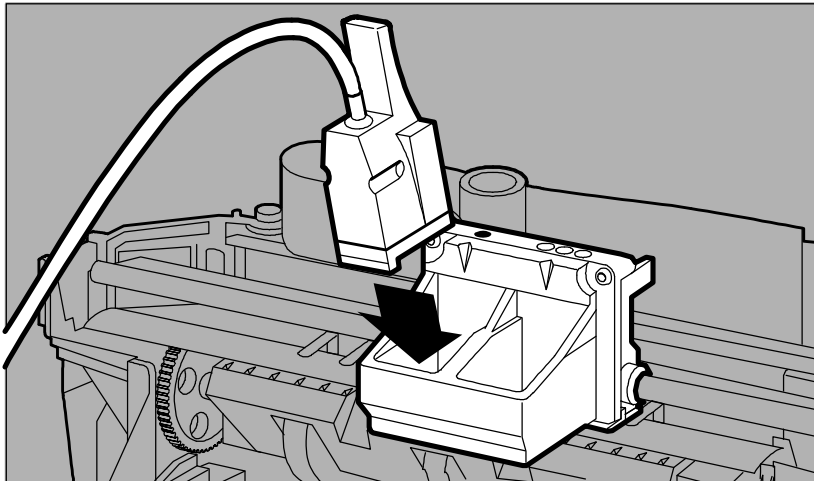
Note:

You may need to turn the micrometer knob in order to have the left adjustment tool fully seat on the left side of the mechanism.

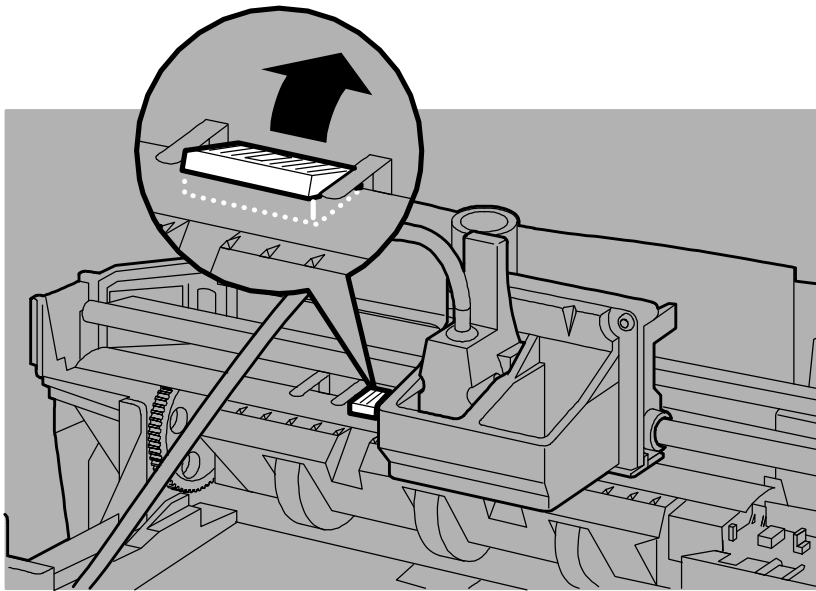
5. Lock the left adjustment tool to the left side of the mechanism.



6. Install the LVDT.



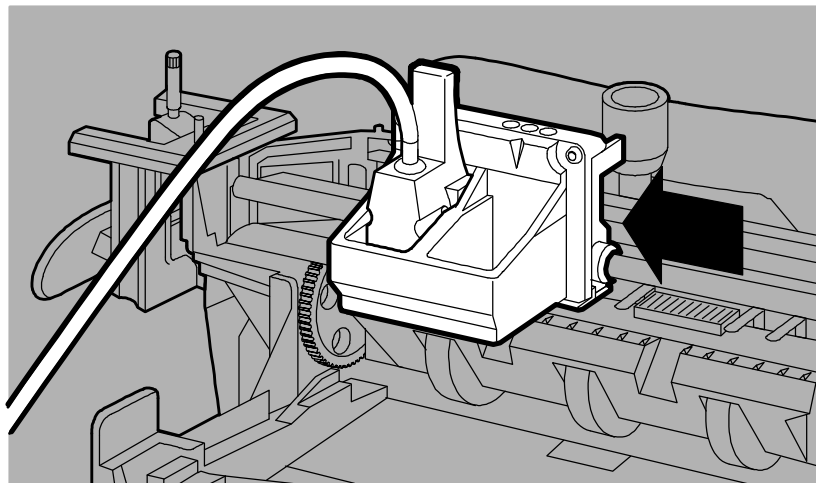
7. Lift the envelope sensor on the mechanism to raise the pivot to its maximum height.



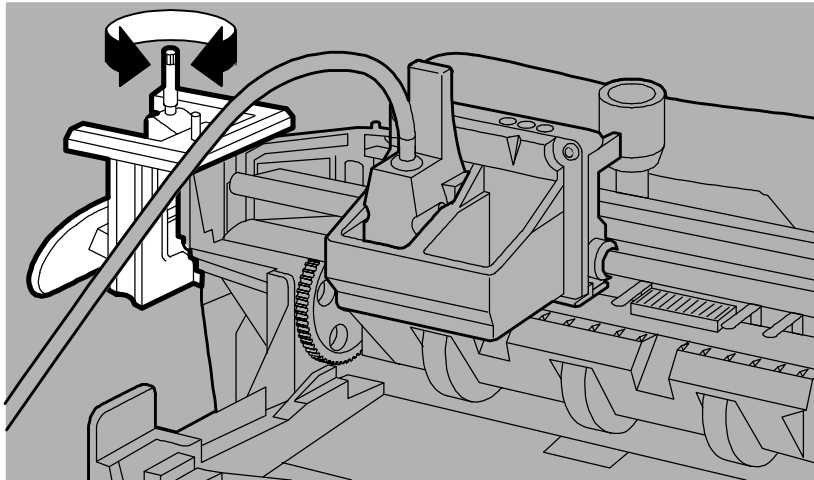
Note:

Make sure the envelope sensor remains raised during this entire procedure.

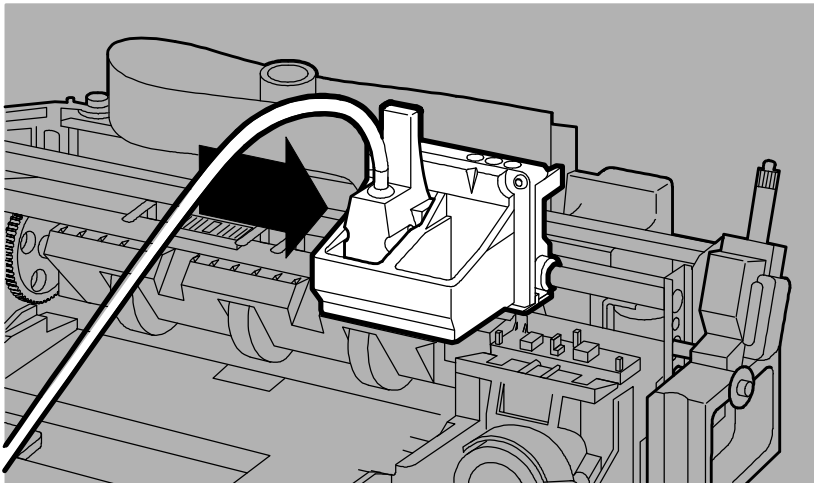
8. Slide the LVDT over the left paper feed roller.



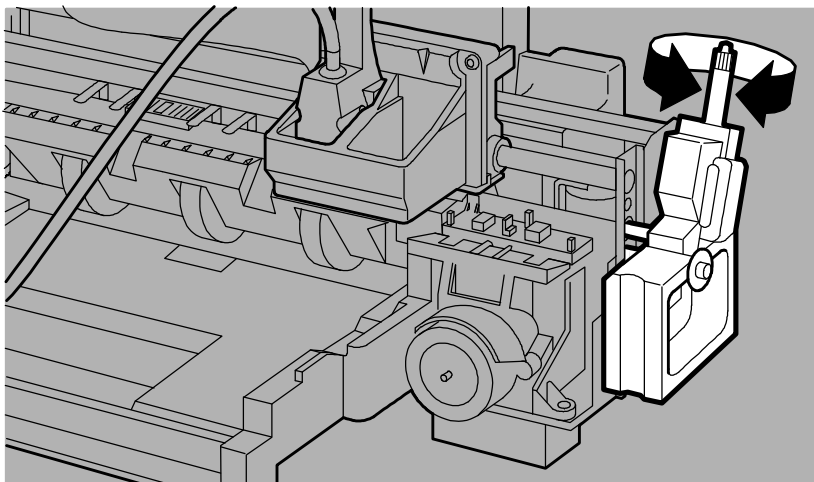
9. Adjust the left end of the carriage rod by turning the micrometer knob on the left adjustment tool. The Readout/Controller should display between **028.00 and 058.00 mils (nominally 040.00 mils)**.



10. Slide the LVDT over the right paper feed roller.



11. Adjust the right end of the carriage rod by turning the micrometer knob on the right adjustment tool. The Readout/Controller display should read between 028.00 and 058.00 mils (roughly the same as step 10).

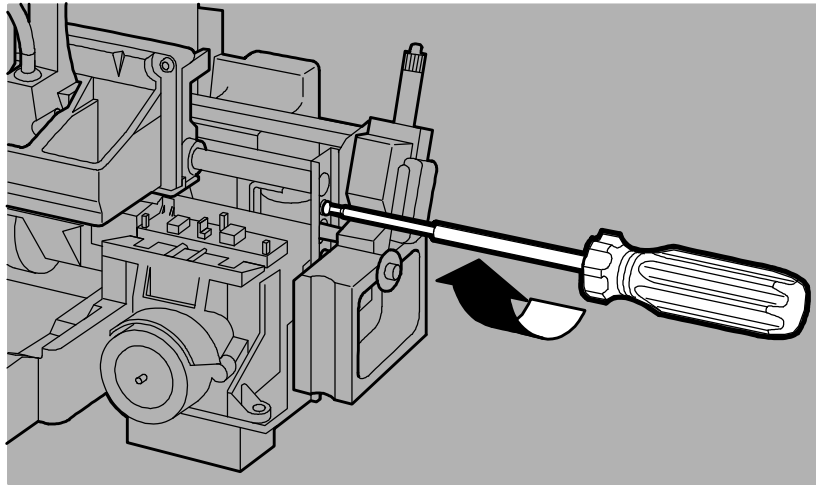


12. Move the carriage back over the left paper feed roller and readjust to the right paper feed roller setting (+2 mils).
13. Move the carriage back over the right paper feed roller and readjust to the left paper feed roller setting (+2 mils).

Note:

Adjusting on end of the carriage rod affects the other end of the carriage ROD. Continue to slide the LVDT to both ends of the pivot and readjust until both adjustments are within 2 mils.

14. Tighten the screws on the left and right brackets to 11.0 in-lb.
15. Double-check the settings are within tolerance by observing the Readout/Controller display.



16. Release the lever on the left adjustment tool and remove the left adjustment tool from the mechanism.
17. Press in on the spring loaded post on the right adjustment tool and pull the tool from the right side of the mechanism.