

Premier Printer Gas Spring Replacement

Tools Required

1. 1/2" box wrench
2. 1/2" socket & wrench
3. Rubber Mallet
4. 6" long drift punch
5. Dab of EP Wheel bearing grease

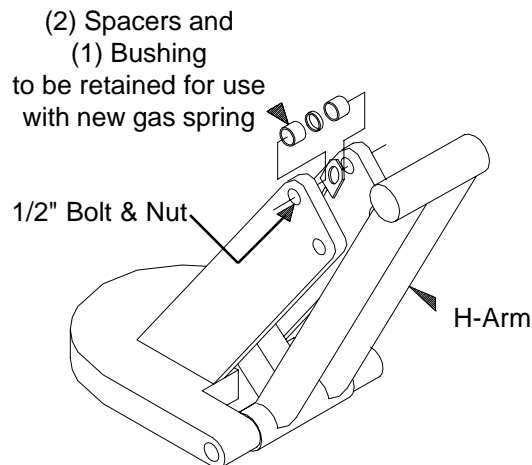


Figure 1

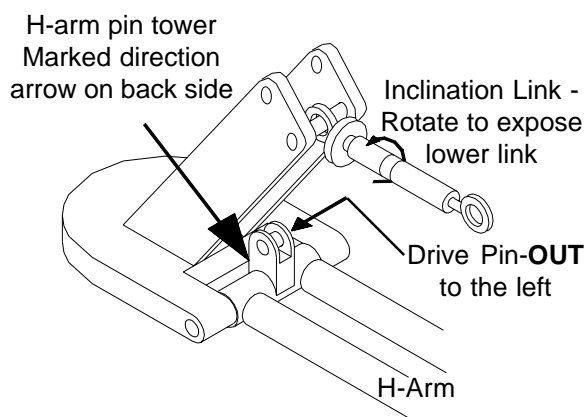


Figure 2

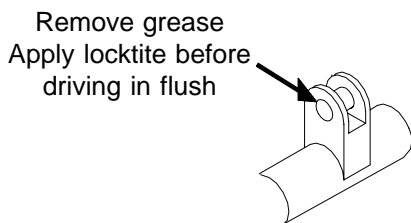


Figure 3

Note: To prolong the life of your new gas spring, never spray adhesive toward it. Always spray the shirtboard from side-to-side away from the gas spring.

1. Rotate printhead wheel so that the printhead with the worn gas spring is centered between two shirtboard print stations.
2. Remove the shirtboards on both sides of you to allow for more work space while you change the worn gas spring.
3. Raise H-Arm to it's up most position (*See Figure 1*).
4. Remove bolt and Nut from top of gas spring with 1/2" box wrench on one side and 1/2" socket wrench on the other.
5. Remove (2) Spacers and (1) Bushing and retain for use with new gas spring.
6. Once the top of gas spring has been released lower the H-Arm to the lowest position and turn the inclination link until the lower gas spring pin is exposed out past the printhead tower. (*See Figure 2*)
7. Using a mallet and a 6" long drift punch, drive the lower gas spring out from right to left as you face the printhead. (*See Figure 2*). Follow the direction of the arrow marked on the backside of the H-arm pin tower. **The pin is tapered slightly and will not fit together correctly if removed in the wrong direction.**
8. Remove the worn gas spring.
9. Apply grease to the holes on both ends of the new gas spring and the bushing you removed from step 5.
10. Reinstall bottom of new gas spring. Drive the pin you removed in Step 7 from left to right as you face the printhead. (*See Figure 2*). Do not drive pin in flush; retain approximately 1/8" if the pin outside the pin tower until Step 11 is complete. Drive the pin in the **opposite** direction of the arrow marked on the backside of the H-arm pin tower. **The pin is tapered slightly and will not fit together correctly if removed in the wrong direction.**
11. Wipe any excess grease off of the outside of the pin protruding out the left side and apply one drop of locktite supplied with your replacement gas spring to this area. (*See Figure 3*). **Not much is required!** After applying the locktite, finish driving the pin flush.
12. Install the top of the new gas spring following Steps 5 & 4.
13. Check operation.