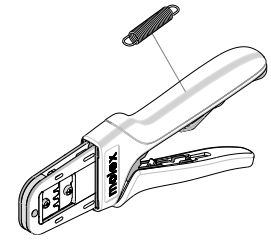


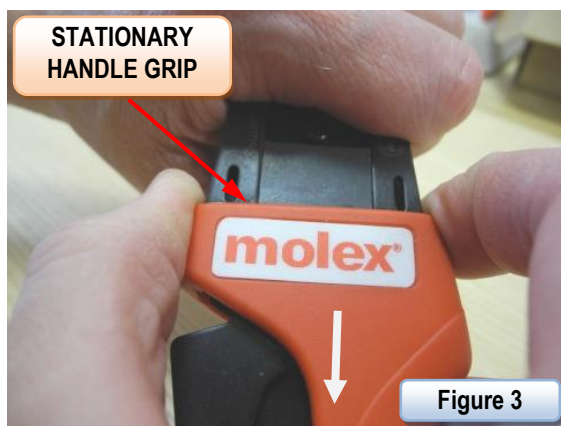
**Hand Tool  
Return Spring  
Replacement  
Information Sheet****molex®****Application Tooling  
Specification Sheet****Order No. 63810-0104****Return Spring Replacement**

To replace the Return Spring order number 63810-0104 follow the steps below.

1. Remove the movable handle grip. Pull the grip in the direction of the white arrow shown in Figure 1.
2. Continue to pull until the grip is free from the handle as shown in Figure 2.

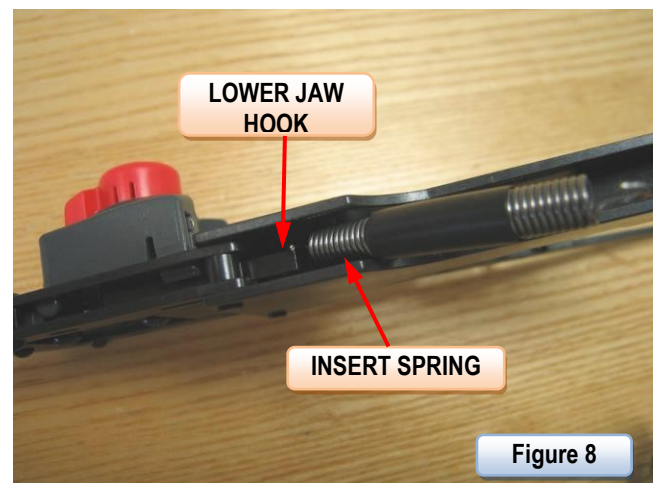
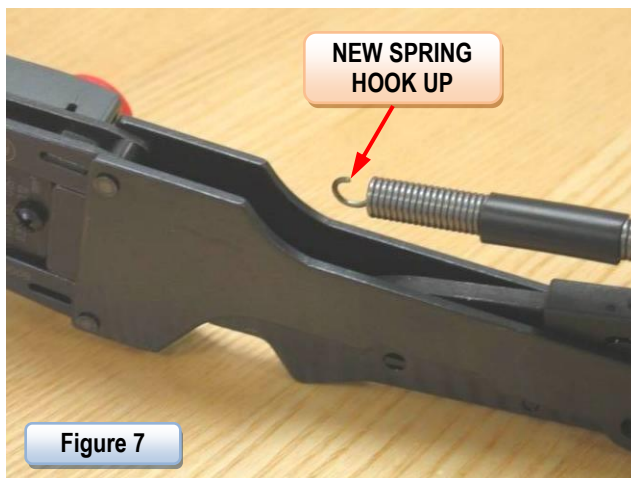


3. Remove the stationary-handle grip. Squeeze the handles closed to the last ratchet position. (The ratchet should hold the handles closed when handles are released.)
4. Hold the hand tool as shown in Figure 3. Using your thumb and forefinger, pull the grip in the direction of the white arrow as shown in Figure 3. The grip will catch on the moveable-handle shoulder shown in Figure 4.
5. Continue pulling the grip in the direction of the white arrow while squeezing the handles together until the grip is free from the handle. See Figure 5.



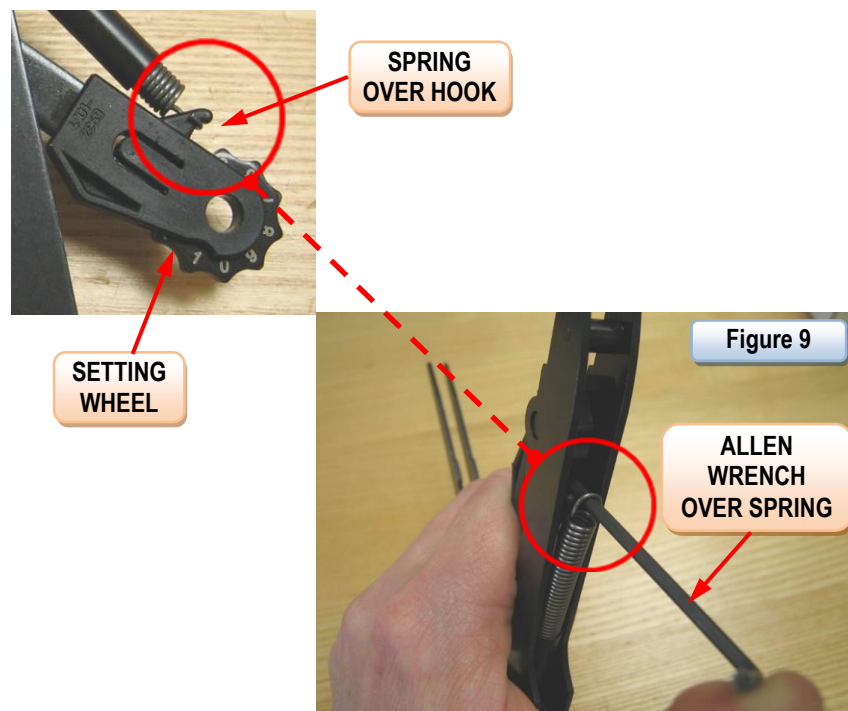


6. The setting-wheel pin is not fastened to the stationary handle. Handle the tool with care the pin will slide out easily. See Figure 5.
7. Remove the old return spring. The jaws of the tool should be fully open. Rotate the old spring up and over the lower-jaw hook. Discard the spring. See Figure 6.
8. Insert the new return spring. The jaws of the tool should be fully open. Position the new spring with the hook up as shown in Figure 7. It does not matter which end of the spring is used, both ends are the same.
9. Insert the spring hook to the right of the lower jaw and rotate the spring hook onto the lower-jaw hook. See Figure 7 and 8.



10. Attach the other end of the new return spring. The jaws of the tool should be fully open.
11. Hook the end of the spring over a narrow blade screwdriver or a small Allen wrench as shown in Figure 9.

12. Position the end or tip of the screwdriver over the hook near the setting wheel. Use the screwdriver to stretch the spring over the hook. See Figure 9.



13. Reattach the handle grips. Close the handles and slide the stationary handle grip over both handles. Push the grip in direction of the white arrow. See Figure 10.
14. Slide the moveable grip over the moveable handle. Push the moveable grip in the direction of the white arrow. See Figure 11.



### Contact Information

For more information on Molex Application Tooling please contact Molex at 1-800-786-6539.

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