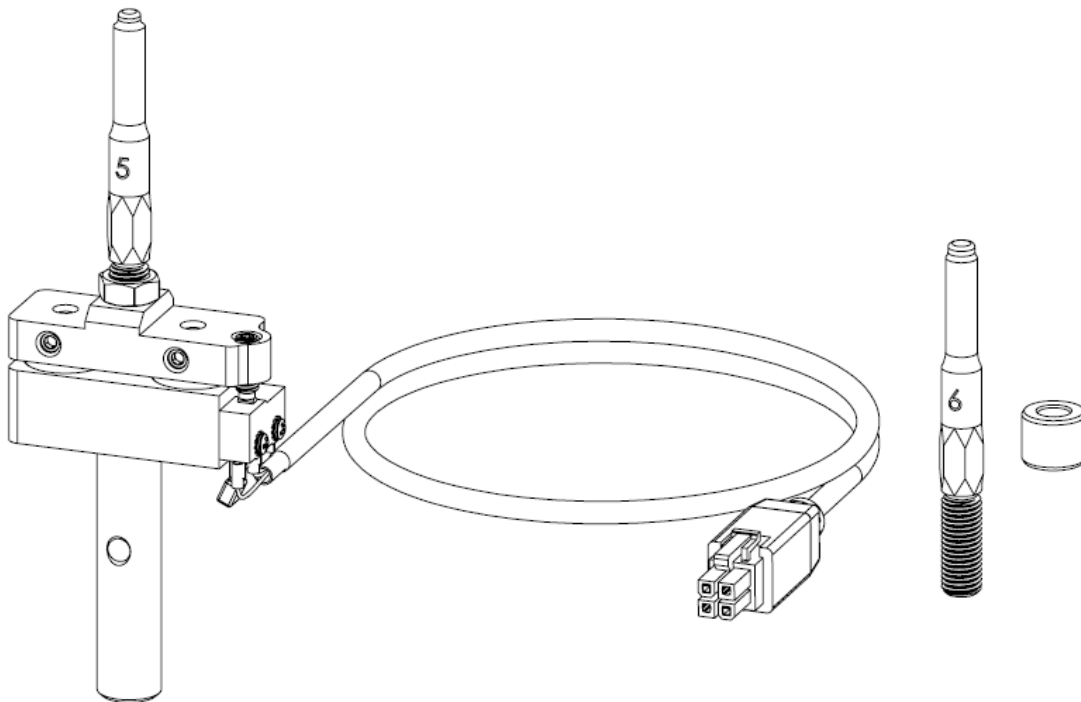




101-1204: Mark 7[®] SwageSense Assy - RL1100

Instruction Manual V 1.1

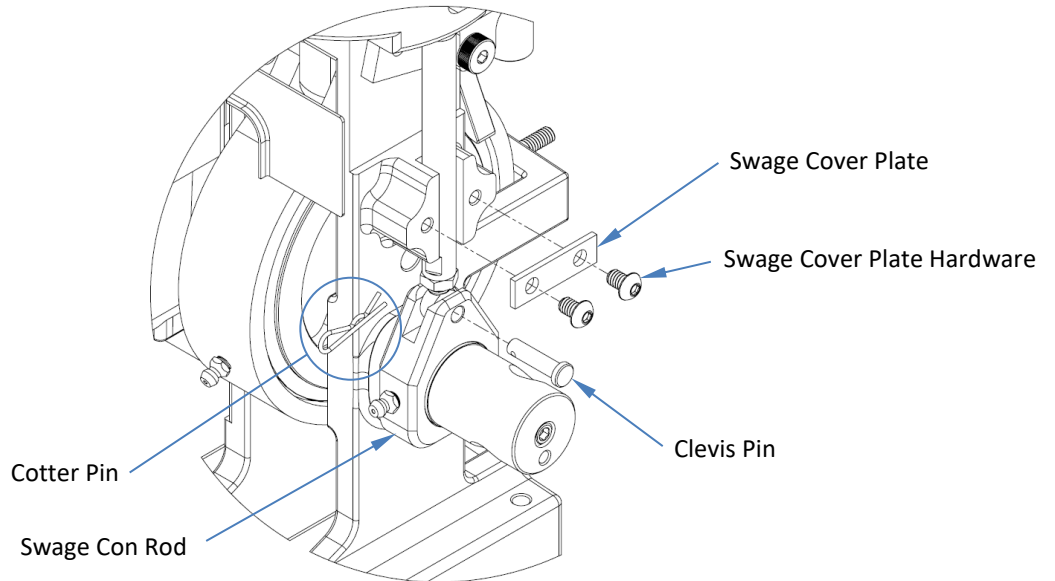


Read this manual completely. Understand all safety and operating instructions. Failure to comply with the warnings and instructions may result in serious injury, illness, or death.



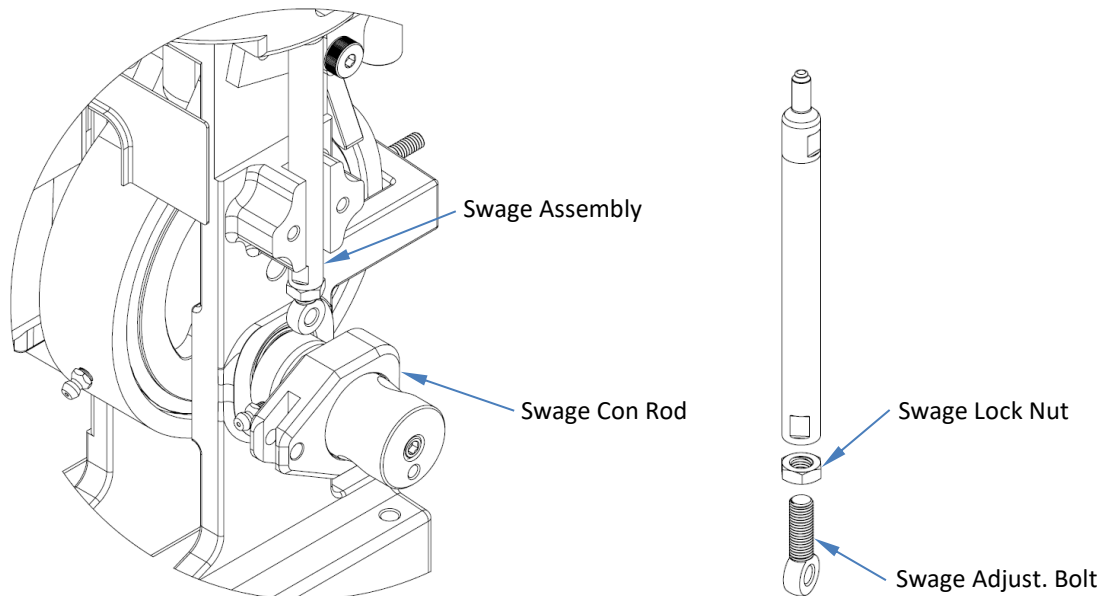
1. Remove Swage Cover Plate and Clevis pin:

- a. Remove Cotter Pin out of Clevis Pin.
- b. Slide Clevis Pin out of Swage Con Rod.
- c. Remove Swage Cover Plate hardware.
- d. Remove Swage Cover Plate.



2. Remove Swage Con Rod and Swage Assembly:

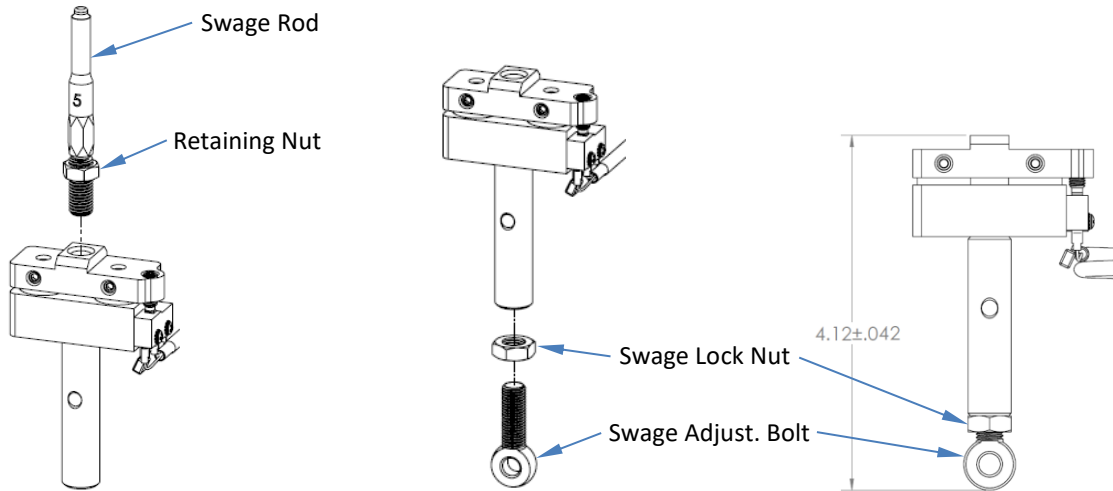
- a. Twist Swage Con Rod 90-degree counterclockwise and slide it out as shown.
- b. Remove Swage Assembly.
- c. Remove Swage Lock Nut and Swage Adjust. Bolt. You are going to use them later.





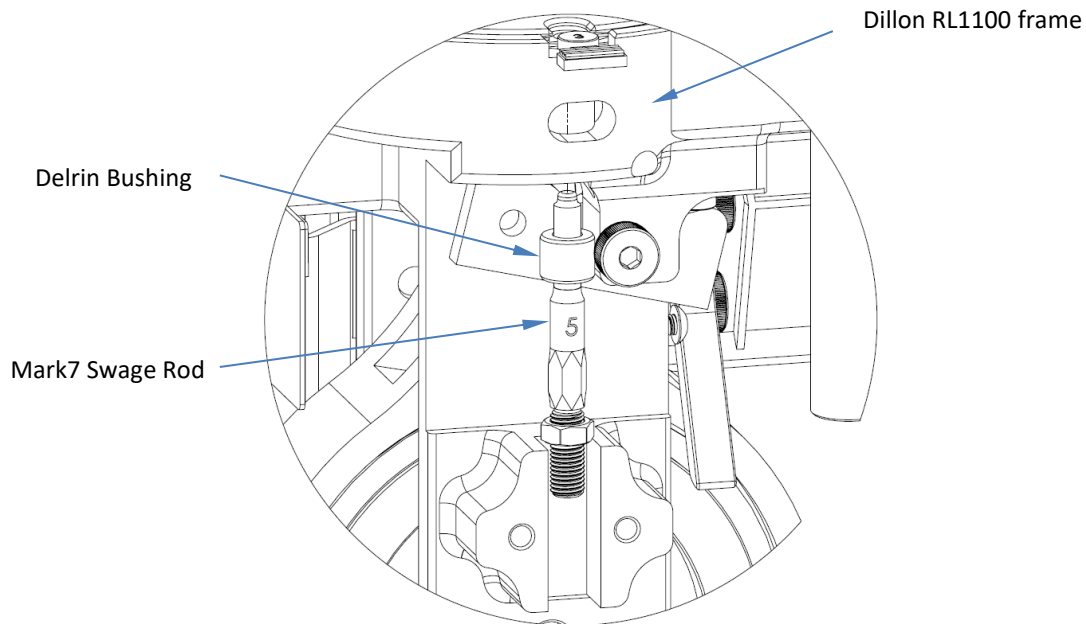
3. Prepare Mark7 SwageSense Assy – RL1100 for installation:

- a. Remove Mark7 Swage Rod and Retaining Nut.
- b. Install Swage Adjust. Bolt and Swage Lock Nut.
- c. Adjust Swage Adjust. Bolt until overall length is 4.12" +/- .042" (we recommend using a caliper to measure). Maintain orientation as shown.
- d. Secure Swage Adjust. Bolt using Swage Lock Nut.



4. Install Mark7 Swage Rod:

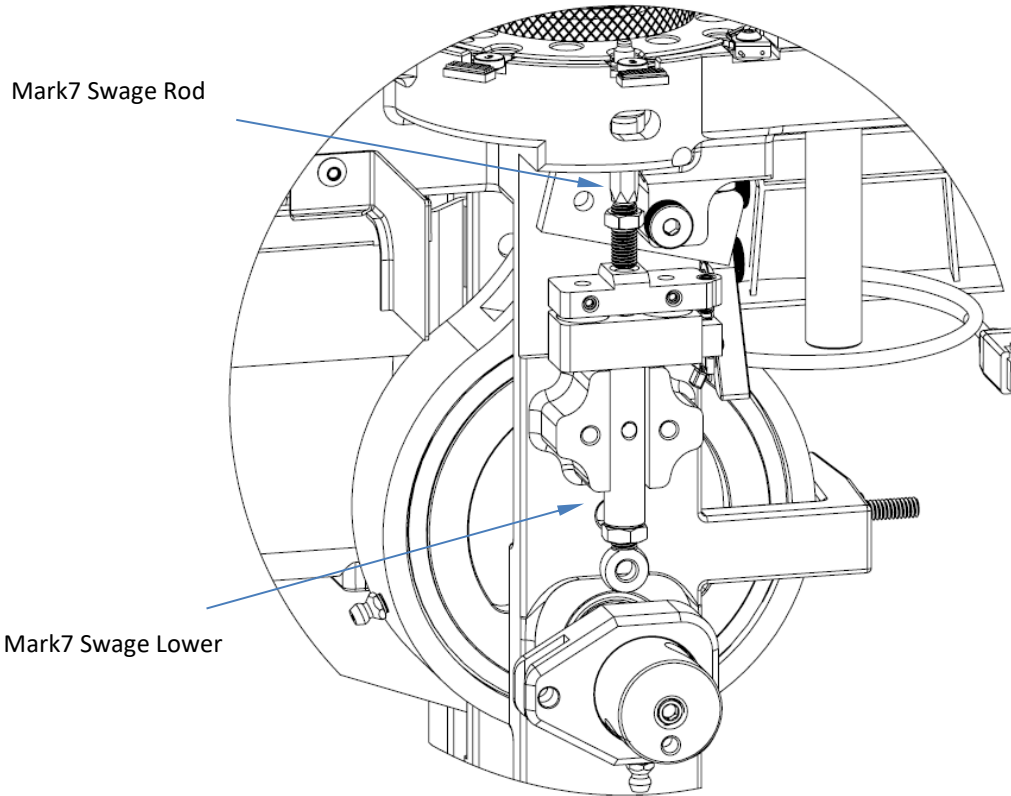
- a. Make sure you use correct Swage Rod. #5 engraved for small primers, #6 – for large.
- b. Install Delrin Bushing provided on top of Mark 7 Swage Rod.
- c. Install Mark7 Swage Rod into Dillon RL1100 frame.





5. Install Mark7 Swage Lower:

- a. Move previously installed Mark7 Swage Rod all the way up.
- b. Install Mark7 Swage Lower.
- c. Thread Mark7 Swage Rod into Mark7 Swage Lower all the way in using 5/16" wrench. Do not secure it for now.



6. Secure Mark7 SwageSense Assy – RL1100:

- a. Swing Swage Con Rod Back clockwise. Install Clevis and Cotter Pins (see page 2).
- b. Install Swage Cover Plate. Secure using Swage Cover Plate Hardware (see page 2).

7. Adjust Mark7 SwageSense Assy – RL1100 (hold down die must be installed and adjusted):

- a. Install brand new case into a swage station.
- b. Move the Toolhead all the way down.
- c. Thread Mark7 Swage Rod up by hand until it stops.
- d. Move the Toolhead up.
- e. Add ½ of the turn up.
- f. Secure using Retaining Nut.



Troubleshooting

Refer to the knowledge base section on our website under **SUPPORT** for troubleshooting articles relating to setup and operation.

<http://www.markvii-loading.com/knowledgebase>

Please contact us for technical support

Phone: 1-888-462-7577

Hours: 8:30am-5:00pm, ET, M–F