

# Snap Fit Socket Replacement

## *When to replace:*

Snap-Fit Sockets usually need replacing if the ejector sleeve no longer locks into place; usually after the pipette is dropped.

## *Tools Required:*

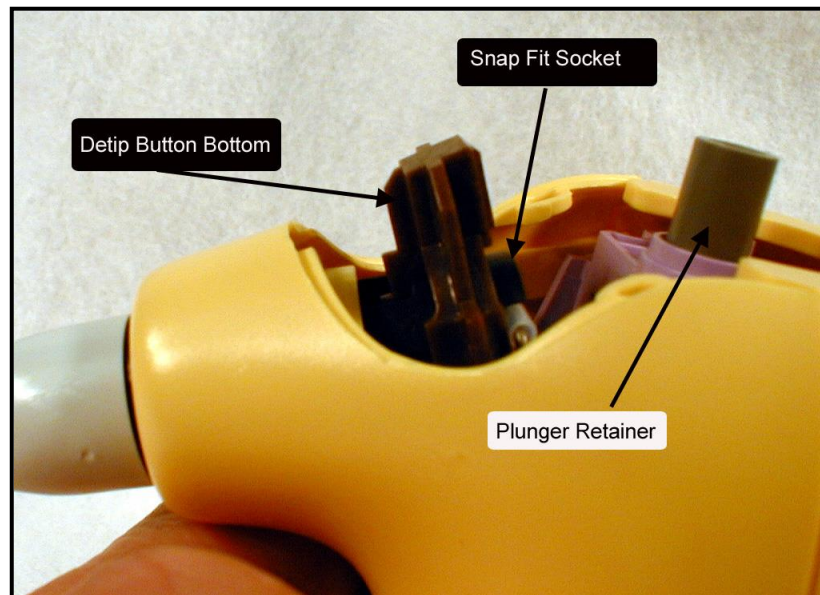
- T9 Torx Driver

## *Replacement Parts:*

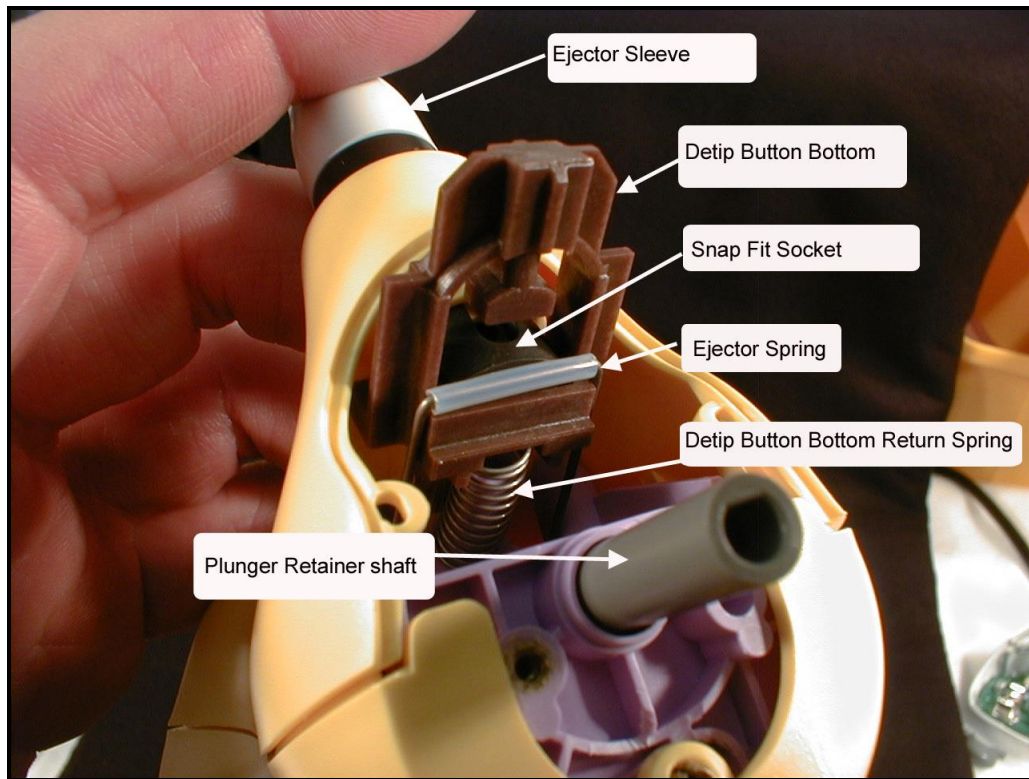
- **K057-0206-001** : Snap-Fit Socket Assembly Kit

## **Disassembly**

1. Remove the gray Plunger Thumb Button by pulling it straight up off the Plunger Retainer and set aside.
2. Remove the two T9 Torx screws from the Top Cover and set aside.
3. Remove the Top Cover and Hook from unit and set aside.
4. Remove the gray Detip Button from the brown Detip Button Bottom and set aside.



**Figure 1 Snap Fit Socket, Detip Button Bottom**



**Figure 2 Snap Fit Socket disengaged from Detip Button Bottom**

5. Depress the Detip Button Bottom, slide the Ejector Sleeve towards the Plunger Retainer Post and disengage the Detip Button Bottom from the Snap Fit Socket.
6. Remove the Nozzle then slide the Ejector Sleeve / Snap Fit Socket off the Extension Tube.
7. Pull the Snap Fit Socket out of the Ejector Sleeve and inspect both for damage. Replace if necessary.

## Reassembly

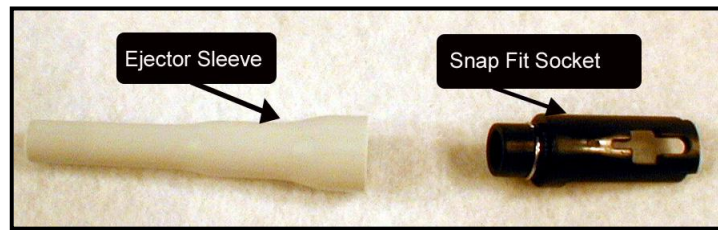


Figure 3 Extension Sleeve & Snap Fit Socket

1. Snap the Ejector Sleeve on to the Snap Fit Socket.
2. Install the Ejector Sleeve, Snap Fit Socket combination in to the Upper body assembly as shown in Figure 4.

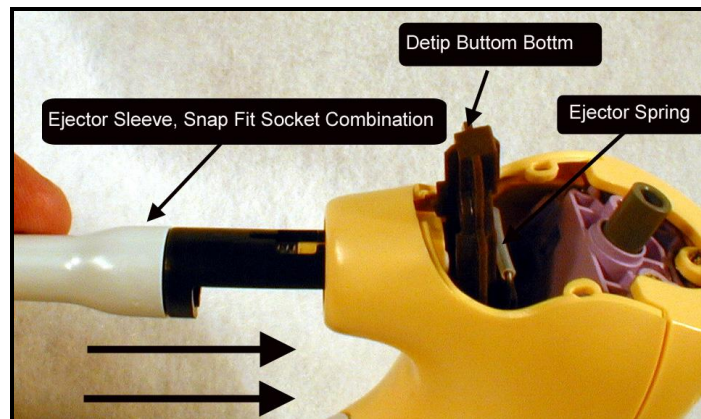


Figure 4 Install Ejector Sleeve / Snap Fit Socket

3. Carefully engage the Detip Button Bottom and Eject Spring with the Snap Fit Socket as in Figure 5.

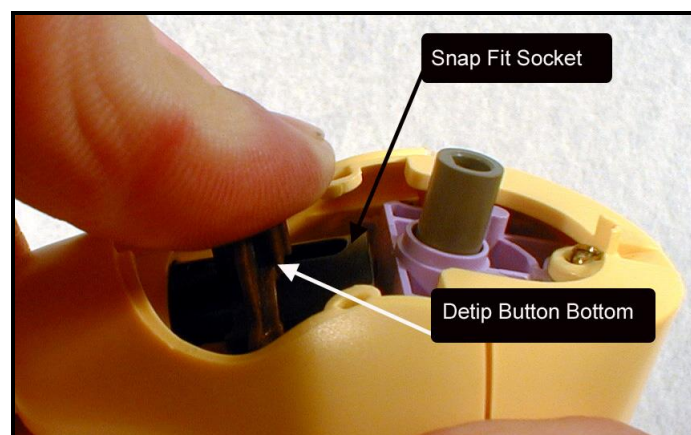
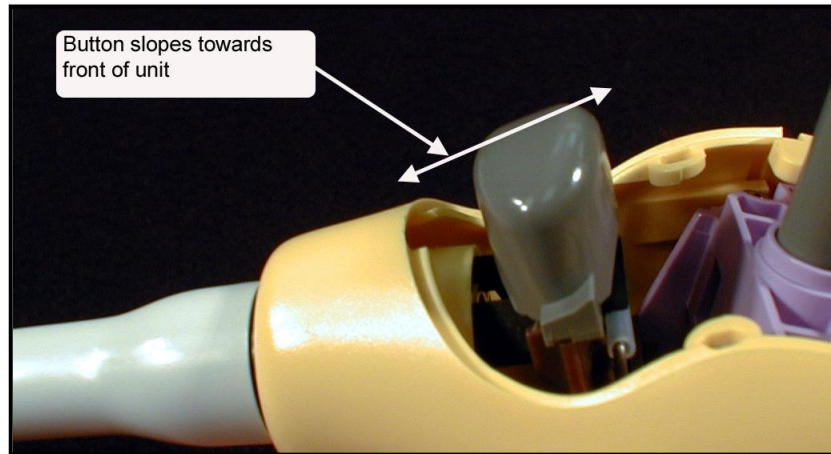


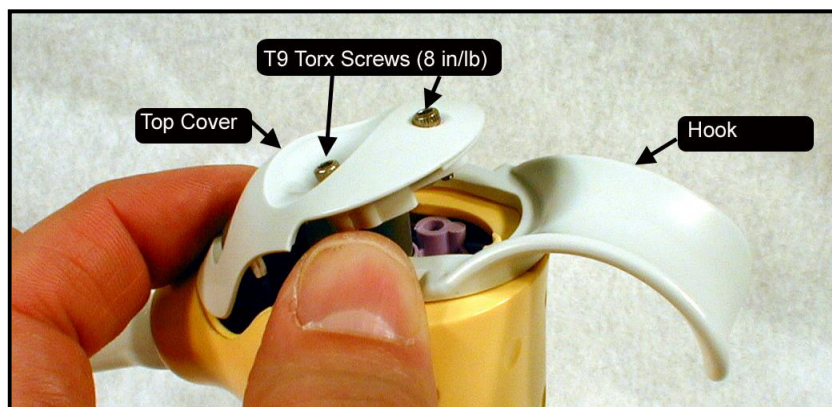
Figure 5 Engage Snap Fit Socket with Detip Button Bottom

1. Release the Ejector Sleeve/Snap Fit Socket assembly and Detip Button.
2. Install the Detip Button to the Detip Button Bottom. It should slope down towards the Ejector Sleeve as shown in Figure 6.



**Figure 6 Proper installation of Detip Button**

3. Install Hook and Top Cover Assembly with the two T9 Torx screws and tighten to 8-12 in/lb. DO NOT OVERTIGHTEN or further damage will be caused



**Figure 7 Top Cover & Hook Installation**

4. Install and eject ten tips to ensure that the ejector mechanism works properly.
5. Install the Thumb Button to the top of the Plunger Retainer shaft. Lift the Pipette by the plunger button to be sure that it is properly installed.

