

# Hook & Top Cover Replacement

Ovation M



## When to replace:

VistaLab Technologies suggests that the Ovation pipette's Ergo Hook and/or Top Cover be replaced if any of the following conditions are present:

- The hook is either cracked or damaged
- The hook will not rotate or will not hold its designated position during routine use
- The top cover is either cracked or damaged

## Hook & Top Cover Kit includes:

- Replacement Top Cover
- Replacement Hook
- Replacement Plunger Button
- Torx Key (T6 X 50)
- Instructions

Refer to the chart below to determine the appropriate kit.

Description	Catalog No.
Hook & Top Cover Kit for Ovation M models dispensing 0.2-2 $\mu$ L	9070-4008
Hook & Top Cover Kit for Ovation M models dispensing 1-10 $\mu$ L	9070-4009
Hook & Top Cover Kit for Ovation M models dispensing 2-20 $\mu$ L	9070-4010
Hook & Top Cover Kit for Ovation M models dispensing 10-100 $\mu$ L	9070-4011
Hook & Top Cover Kit for Ovation M models dispensing 20-200 $\mu$ L	9070-4012
Hook & Top Cover Kit for Ovation M models dispensing 100-1000 $\mu$ L	9070-4013

## Replacing a Hook and Top Cover:

1. Set the pipette to its maximum volume and place on a flat surface in its vertical orientation.
2. While holding the pipette body, remove the plunger button by pulling directly upwards on the button until the button is free from the pipette (see Figure 1). (Note: May take considerable force)
3. Using the provided Torx Key, remove all three top cover screws (see Figure 2).
4. Remove both the top cover and hook by pulling both directly upwards while holding the pipette body (see Figure 3).
5. Attach the new hook to the new top cover by first pinching the back edge of the hook ring against the top cover shaft hole (see Figure 4).
6. Pinch the rest of the hook ring into place by sliding your fingers away from the back edge until a click is heard (see Figure 5).



*Figure 1: Button removal*



*Figure 2: Top cover screws*



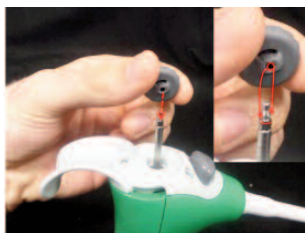
*Figure 3: Hook and top cover Removal*



*Figure 4: Side view of initial alignment*



*Figure 5: Hook and top cover Connection*



*Figure 6: Plunger button alignment*



*Figure 7: Plunger button reattachment*

7. With the hook and top cover connected, fit the top cover over the threaded shaft and ejector button until it lightly snaps in place.
8. Using the Torx Key, secure the top cover with the three top cover screws until snug.
9. Attach the new plunger button by aligning its center hole with the threaded shaft making sure the hexagonal features appropriately align. Press down firmly until a click is heard (see to Figure 6 and 7).
10. Ensure plunger button is correctly installed by twisting and pulling upward lightly.
11. Verify pipette performance.



**VistaLab Technologies, Inc.**  
2 Geneva Road  
Brewster, NY 10509 USA  
(914) 244-6226 • (888) 652-6520