

## BULLETIN #B010A

# AUTOLAB ELECTRONICS HEAD REMOVAL FOR ATL-1

You will need:

- Standard blade screwdriver
- Phillips® #1 head screwdriver
- Needle nose pliers

Procedure:

1) **Disconnect the main power cord from the electrical outlet!**

2) Remove the rear cover of the upper mechanical head located directly behind the electronics display panel. To free the cover, five (5) screws must be removed.

A. Locate and remove the standard screw on the right side of the upper head assembly located just behind the lift arm.

B. Locate and remove the two (2) standard screws from the top of the upper head assembly. These screws are inserted from the rear of the processor in the top center of the upper head assembly.

C. Locate and remove the two (2) wing-nut bolts (some will have knurled nuts) from the rear of the processor.

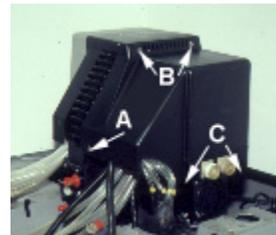
2) Lift off the rear cover to the upper head assembly.

A. Locate and remove the standard screw on the right side of the upper head assembly located just behind the lift arm.

B. Locate and remove the two (2) standard screws from the top of the upper head assembly. These screws are inserted from the rear of the processor in the top center of the upper head assembly.

C. Locate and remove the two (2) wing-nut bolts (some will have knurled nuts) from the rear of the processor.

D. Lift off the rear cover to the upper head assembly.



3) Looking into the upper mechanical assembly from the rear of the processor, located at the top of the lift arm past the chemical hoses, you will find a white slotted nylon screw. Please remove this screw.

**NOTE:** Use caution when removing this screw. **Do not drop it!** If it is dropped into the lift arm assembly below, you must find and remove this screw before operating the processor!

4) Locate the black colored bellows. It is a black rubber accordion type piece located at the top of the lift arm. The bellows are attached toward the top of the processor by a screw that it fit into a slot on the electronics head. Using a screwdriver, slide the screw out of the slot.

5) Remove the brass slotted screw located in the front bottom center of the electronics head where the upper head meets the lower motor unit (CPP-2). Once the screw is loose, you will need to use needle nose pliers to remove it.

6) Gently grasp the drain arm and lift it upward slightly to unlock its position allowing it to swing forward.

7) Release the spring that rests on the back of the chemical drain arm.

8) Unplug the power cord from its receptacle located at the rear of the upper head.

9) Lift the electrical cord receptacle upward out of its mount and thread it through any wires or hoses that obstruct it until you encounter the large gear located below the drain arm.

**NOTE:** Before removing the power cable from inside the mechanical area, make sure you note how the cable is routed so you don't forget how it was routed when installing the electronics later.

10) Hold the cord near the large gear and pull it out from under the gear.

11) Gripping the front of the electronics head, slide the electronics head approximately 2.5cm (one inch) to the right. You may find it necessary to gently smack the left side of the electronics head with your hand.

**WARNING!** Once the electronics head is shifted to the right, **it is loose, but still connected by some delicate wires!** Be careful not to slide the electronics head too far to the right so you do not accidentally break any wires by pulling them apart.

12) Allow the electronics head to lean forward against you. While holding the electronics head, locate the three connectors behind the rear left side of the head and unplug the these connectors by pulling on each of the three bundles of wires.

**NOTE:** Each of the three connectors are a different size and shaped in such a way so they can only be plugged in one way.

13) Remove the electronics head. It should now be free from the upper mechanical assembly.