



This manual provides installation instructions for both versions of the API rack ears, 920-0859 and 920-0737. Most lunchboxes use the 920-0859 rack ears kit. Only previous generation lunchboxes, which do not have “HC” listed in the serial number and measure 12.4" X 5.25" X 7.25", use the 920-0737 rack ears kit.

Tools Needed:

- #1 Phillips head screwdriver
- #2 Phillips head screwdriver
- 1/4" wrench
- 5/16" wrench

Parts Included In The 920-0859 Kit:

(For 500-6B “HC” and all 8 Slot lunchboxes)

- (2) – 100-0946: Rack-ear support bracket
- (2) – 100-0947: Rack-ear faceplate
- (6) – 001-3002: Rack-ear faceplate screws
- (2) – 001-0013: 6-32 bracket screws
- (4) – 001-0025: 4-40 bracket screws
- (8) – 002-0003: 6-32 Keps nut
- (4) – 002-0002: 4-40 Keps nut

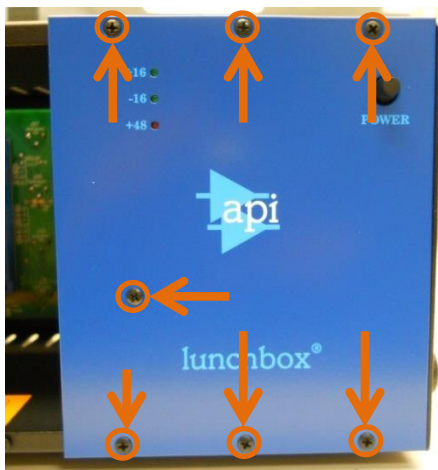
Parts Included In The 920-0737 Kit:

(For 500-6B First Generation lunchboxes only)

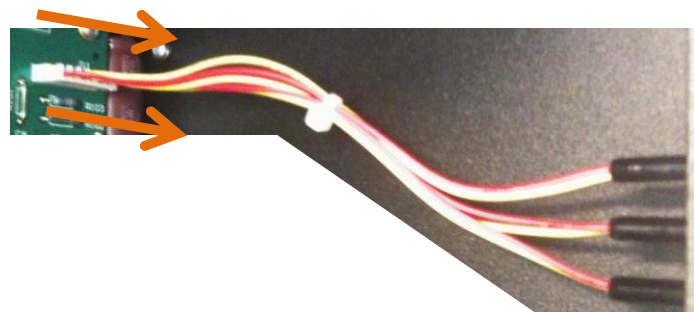
- (2) – 100-0946: Rack-ear support bracket
- (2) – 100-0949: Rack-ear faceplate
- (6) – 001-3002: Rack-ear faceplate screws
- (2) – 001-0013: 6-32 bracket screws
- (4) – 001-0025: 4-40 bracket screws
- (8) – 002-0003: 6-32 Keps nut
- (4) – 002-0002: 4-40 Keps nut

Directions:

1. Turn the lunchbox off and **UNPLUG** it completely from the power source. After ensuring that all power indicators on the front panel are off, remove all of the installed 500 modules. Failure to follow this step could cause personal and/or property damage.
2. ***For 500-6B lunchboxes:*** Remove the blue front panel from the lunchbox by removing the fastening screws with a #1 Phillips head screwdriver.  
***For 8 Slot lunchboxes:*** Disconnect the front panel LED power indicators by unplugging the wire harness at location “J11” on the motherboard.

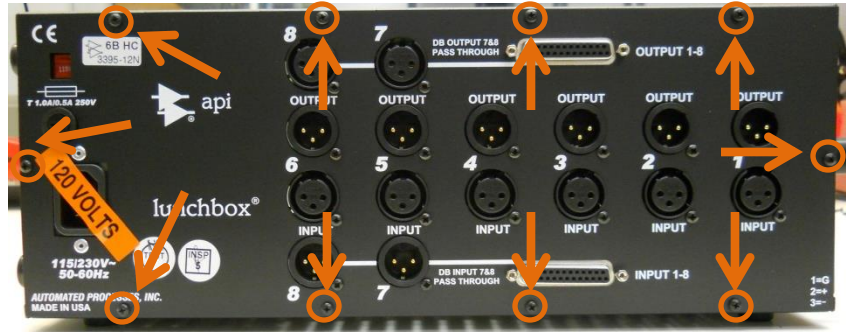


500-6B lunchbox



8 Slot lunchbox

3. Turn the unit around and loosen the rear panel by removing the ten fastening screws with a #1 Phillips head screwdriver. Be careful not to lose the lock washers that are installed onto the screws.



4. **For 500-6B lunchboxes:**

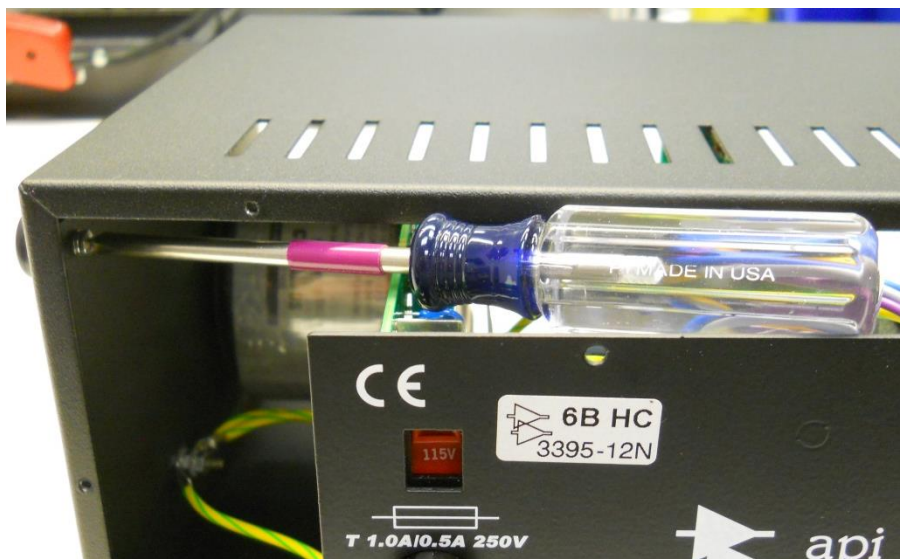
Slide the rear panel to the right in order to allow access to the four mounting screws that secure the side-mounted rubber feet.



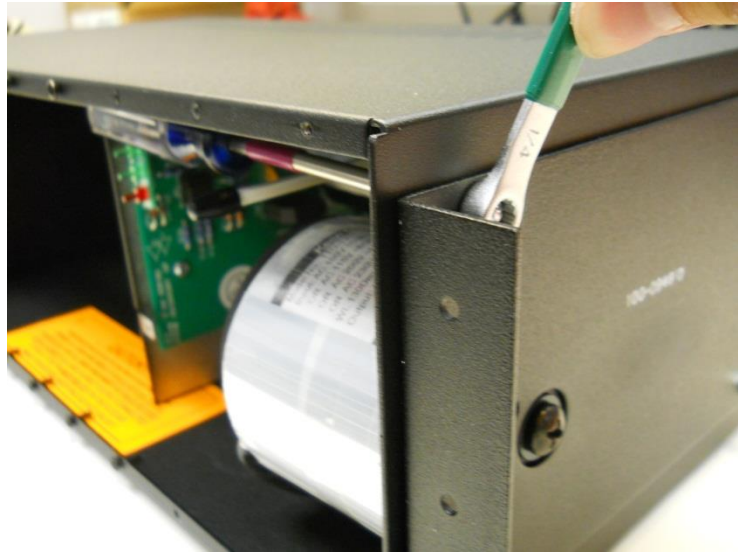
**For 8 Slot lunchboxes:**

Remove the rear panel completely from the lunchbox. Place it in a safe location.

5. Remove the four **side-mounted** feet by unscrewing them from the chassis with a #1 Phillips head screwdriver.

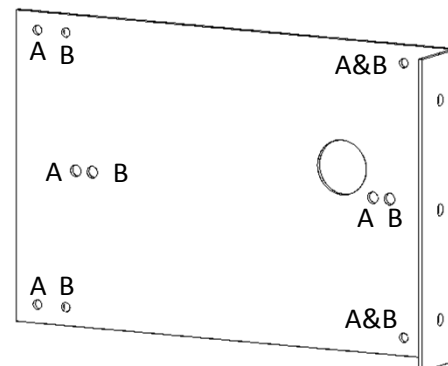


6. Install one rack ear support bracket. Use the mounting location of the side-mounted feet removed in the previous step. Secure the bracket using four 001-0025 screws and four 002-0002 nuts. Install using a #1 Phillips head screwdriver and a 1/4" wrench. The screws go on the inside of the lunchbox chassis. Be sure to use the correct set of holes on the rack ear support bracket. Refer to the proper mounting locations below:



**A:** 500-6B lunchbox Chassis Mounting Locations

**B:** 8 Slot lunchbox Chassis Mounting Locations



P/N: 100-0946

7. On the other side of the lunchbox, locate the handle mounting screws. On the 500-6B lunchbox, you may have to reposition the rear panel assembly in order to gain access. Remove both of these using a #2 Phillips head screwdriver.

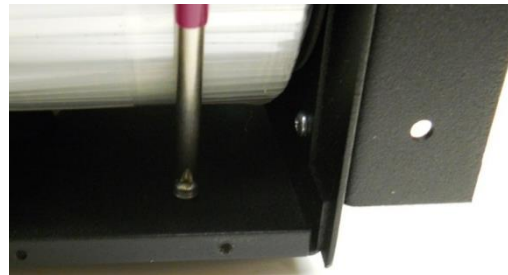




8. Install the final rack ear support bracket. Use the mounting location of the handle removed in the previous step. Be sure to use the correct set of holes on the rack ear support bracket. For mounting locations, refer to the diagram in step 6. Secure the bracket using two 001-0013 screws and two 002-0003 nuts. Install using a #2 Phillips head screwdriver and a 5/16" wrench. The screws go on the inside of the lunchbox chassis.



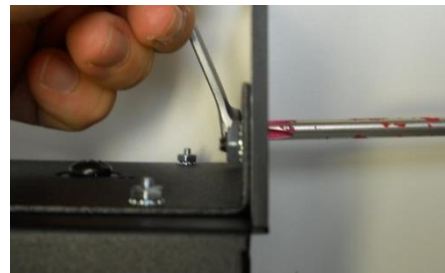
9. Remove the remaining four **bottom feet** using a #1 Phillips head screwdriver.



10. Reinstall the rear panel using the ten screws removed earlier. Remember to reinstall the lock washer on each screw before installation. Use a #1 Phillips head screwdriver to tighten the screws.



11. Mount both rack ear faceplates using six 001-3002 screws and the remaining six 002-0003 nuts. Use a #2 Phillips head screwdriver and a 5/16" wrench.



12. On the 500-6B, reinstall the blue lunchbox faceplate by reinserting the mounting screws. Be careful not to damage the LED indicators when placing them through the panel. On the 8 Slot lunchbox, be sure to reconnect the front panel LED power indicators to the motherboard. To avoid damaging the lunchbox, be sure that the connector is oriented properly before connecting. This completes the rack ear installation process.

