





















## Take-down and Maintenance (Continued)

To remove the inner barrel, use a plastic rod (such as the provided acrylic loading rod) and insert it from the muzzle-end. Run the acrylic rod along the inside wall of the outer-barrel until it make contact with the tip of the inner barrel, then push the inner barrel out.



Remove the inner barrel by sliding it through the upper receiver, towards the rear of the gun.

Occasionally lubricate the rubber seal and hop-up unit from the loading port of the inner barrel. Use only pure (100%) silicon oil, as many other lubricants (such as mineral oil, automotive lubricants, or WD-40) can immediately destroy the o-rings and other rubber components found within the inner barrel. Your Systema dealer will be able to supply the correct lubricant for the Professional Training Weapon.



**Caution:** While the receiver is in the opened position, DO NOT touch any of the electrical connectors and/or the circuit board itself, especially when the battery is connected. Damaged electrical components are NOT user-servicable and must be returned to the factory for repair.



## Take-down and Maintenance (Continued)

**Caution:** While the receiver is in the opened position, DO NOT pull the trigger. If a battery is installed and the fire-selector is not set at “Safe”, the gears will “dry-spin” and potentially mis-aligning the sector gear. The upper receiver will not close when the sector gear is in the wrong position, and major hardware damages can occur if the upper receiver is forced to close in this situation. If you accidentally dry-spin the gears, tap the trigger lightly until all of the sector gear’s teeth rotates inside the lower receiver (as shown), before you attempt to close the upper receiver.



While the receiver is open, you may replace the fuse if needed. First ensure the battery has been removed from the stock, and the stock is in fully retracted position. Then unscrew the fuse holder compartment door as shown to access the fuse holder.

After gaining access to the circuit board and the fuse, gently remove the fuse from its socket using a needle nose plier. Replace with identically rated fuse only, and ensure the new fuse is seated securely. Reinstall the fuse compartment cover when done.



To re-assemble the Professional Training Weapon, simply reverse the take-down procedure:

1. Install the inner barrel
2. Install the charging handle
3. Install the cylinder unit (note the alignment notch on the unit, and make sure the cylinder is inserted all the way)
4. Ensure the sector gear is aligned correctly
5. Close the upper receiver
6. Move rear receiver pin back to its original position

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