

Liberty Suppressors

Kodiak / Kodiak TL / Essence

Disassembly & Cleaning Instructions

- To dismantle the Kodiak for cleaning, first clamp the spanner wrench in the vise with the pins facing up.
- Set the suppressor on the pin wrench by inserting the wrench pins into the rear cap detent holes. Unscrew the suppressor from the endcap using the flat bar provided, by placing it in the cross slots in top of the suppressor.
- Now that the rear cap is removed, use some penetration oil to wet the baffle stack and let it soak for at least 30 minutes to help lubricate the core for removal. (only needed if fired more than 500 rounds typically)
- Screw the core driver into the core firmly seating it into the core by hand.
- Drive the core out of the tube by holding the tube with your hand and twisting the core driver and pushing at the same time or driving the core with a small DEAD BLOW hammer of approximately 12 to 16 ounce in size. Be careful and do not let the core slip from the tube uncontrolled as it can be damaged or even worse (rendered inoperable) if allowed to fall to the floor with the core driver installed in it. We also have a video on youtube which shows an alternative core removal method.
- Scrub the inside of the tube with a 10 ga. Shotgun bore brush or something equivalent to it to clear debris from the tube.
- Cleaning the baffles is best accomplished by taping off the front of the core to protect the paint (if painted) and sand blasting the core till it is clean to your standards. Scraping with small tools also works, it is not crucial that the baffles be surgically clean for the suppressor to work properly.
- When cleaning the rear cap and be careful not to damage the threads.
- To reassemble, lubricate the core with some oil and insert the core into the tube, if it is too tight to push in by hand, use a dead blow mallet to "help" the core into the tube.
- Coat the rear cap threads in anti-seize lubricant and screw the rear cap back onto the suppressor. Tighten the rear cap with the wrench, not to exceed 5 ft/lbs. of torque.

We have a video on our webpage as well, in the Kodiak section of the site. Enjoy your new suppressor!!!