



V-PX4-RK INSTALLATION MANUAL

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CAUTIONS AND WARNINGS

Read, understand and follow all warnings, training materials, and safety instructions for the PX4.

CAUTION: CLASS **3R** LASER, PRODUCT, LASER RADIATION. DO NOT stare into beam or view directly with optical instruments.

WARNING: PX4 recoil kits are for training purposes only.

The installation procedures described below are to be performed by trained personnel. For repair and maintenance procedures, please refer to V-PX4-RK Maintenance manual. Any procedures not covered in either the installation or the repair/maintenance user manuals are considered Factory Maintenance & Repair and it is required that the item be sent to VirTra for repair.

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I. RECOIL KIT COMPONENTS

A. RECOIL KIT ASSEMBLY

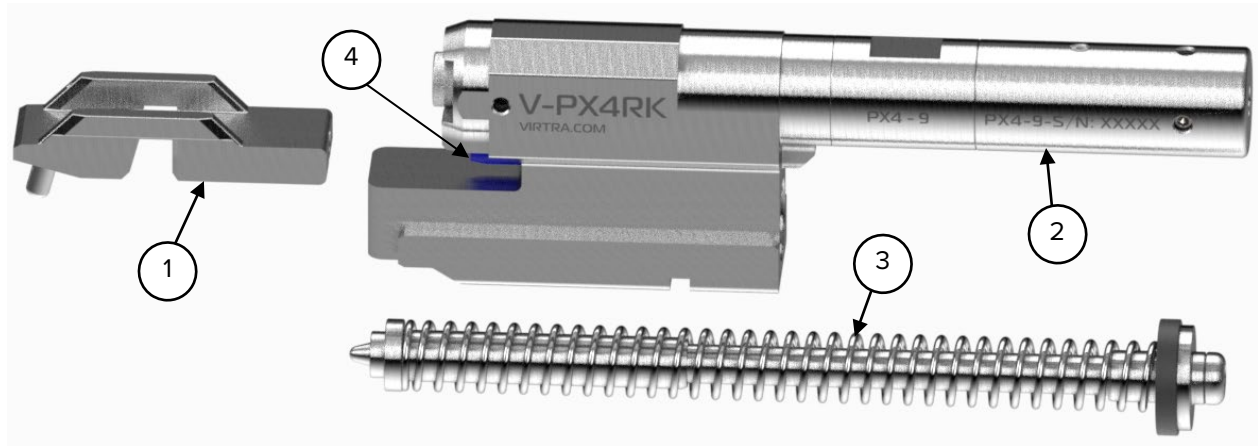


Figure 1: Recoil Kit Assembly

ITEM NO.	DESCRIPTION
1	Tailpiece
2	Barrel Assembly
3	Recoil Spring Assembly
4	Air Tube (Blue)

Table 1: Recoil Kit Components

II. OPERATION INSTRUCTIONS

A. RECOIL KIT INSTALLATION

CAUTION: Before proceeding, make sure the firearm is unloaded and safe.

Field strip the firearm according to the manufacturer's instructions. Place the factory barrel, locking block, recoil spring and magazine in the red box below in a safe spot.



Figure 2

Install the recoil kit into the PX4 as shown below.

- Remove the Tailpiece (Figure 1, #1) from the recoil kit by pulling it in the direction of the red arrow (See Figure 3).

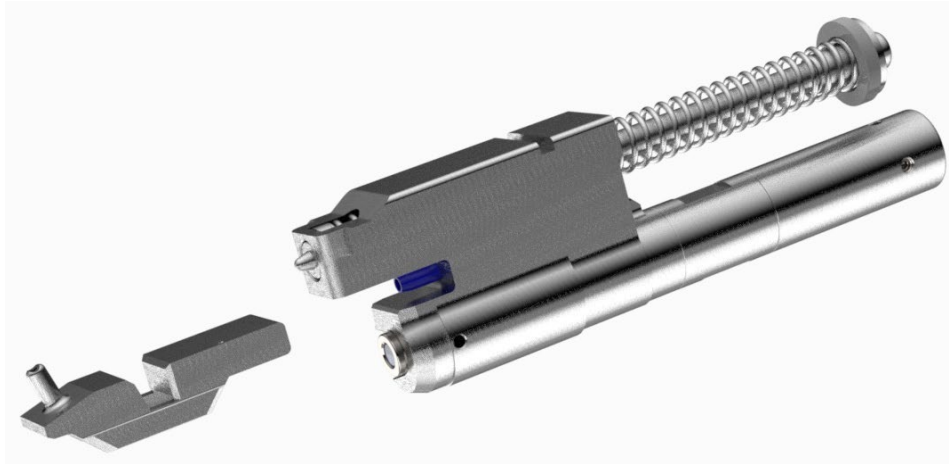


Figure 3

- With the bottom of the slide turned up, place the Barrel (with air tube) and recoil spring assemblies (See Figure 1: Recoil Kit Assembly #2, #3, #4) into the slide with the barrel assembly turned up and angled as shown. (See Figure 4). Push barrel assembly towards the exit end of the slide and then push down locking the barrel into the slide (See Figure 5).

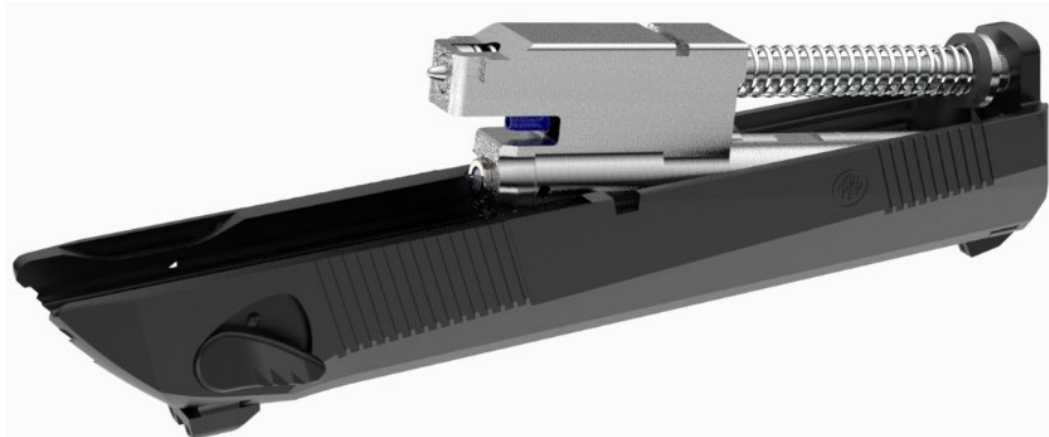


Figure 4

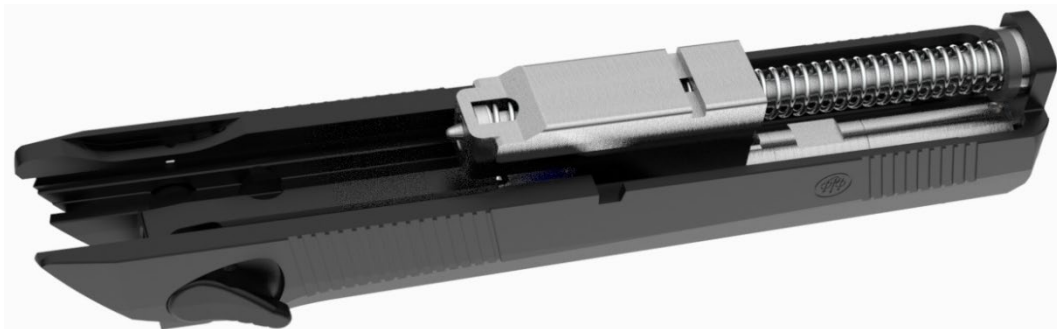


Figure 5

- Install the slide over the weapon frame, engaging the rails in frame to the grooves in the slide. Hold the slide in position shown (See Figure 6).



Figure 6

- With the slide as shown in Figure 6, Install the tailpiece over the area indicated by the red arrow (See Figure 7). Bring the slide over the tailpiece and fully rearward engaging it to the weapon frame normally (See Figures 8 & 9). Rack the weapon several times, engaging the slide lock to check functionality. Finished assembly is shown in Figure 9 and is ready to fire.

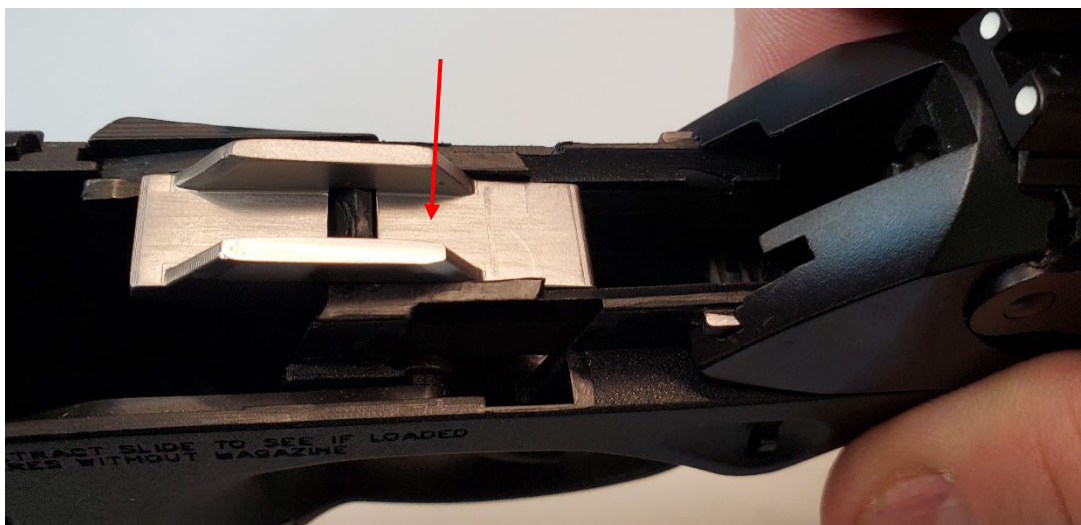


Figure 7



Figure 8



Figure 9

B. BEFORE USE/LUBRICATION

Lubricate the weapon following normal manufacturer instructions using approved Lubricant.

Approved Lubricants Include

- Lucas Oil Extreme Duty Gun Oil
- Slip 2000 EWL™

See repair/maintenance manual for more specific instructions.

C. MAGAZINE

The CO2 magazine is refillable via the VirTra CO2 Refill Station and the table clamp refill nozzle. For the refill station, simply place the CO2 magazine into the corresponding guide block and insert into the station. For the table clamp nozzle, simply push the magazine onto the nozzle until the magazine is full.

Do not store pressurized CO2 magazines overnight. Make sure to expel any gas at the end of the day by following this procedure:

- Fire the weapon until there is not enough pressure to cycle the slide.
- Take the magazine out and insert a depressurization tool.
- Wait 30 seconds to allow any frozen CO2 to thaw and insert the depressurization tool again.

D. DISASSEMBLY

Follow the steps outlined in 'Recoil Kit Installation' in reverse to remove the VirTra Recoil Kit and install factory components.

III. CONTACT VIRTRA

For any questions or additional help with any part of this manual, please contact VirTra via the information below.

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