



V-USPC9-RK & V-P2000/9-RK INSTALLATION MANUAL

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CAUTIONS AND WARNINGS

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

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

WARNING: HK USPC & P2000 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-USPC9-RK & V-P2000/9-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

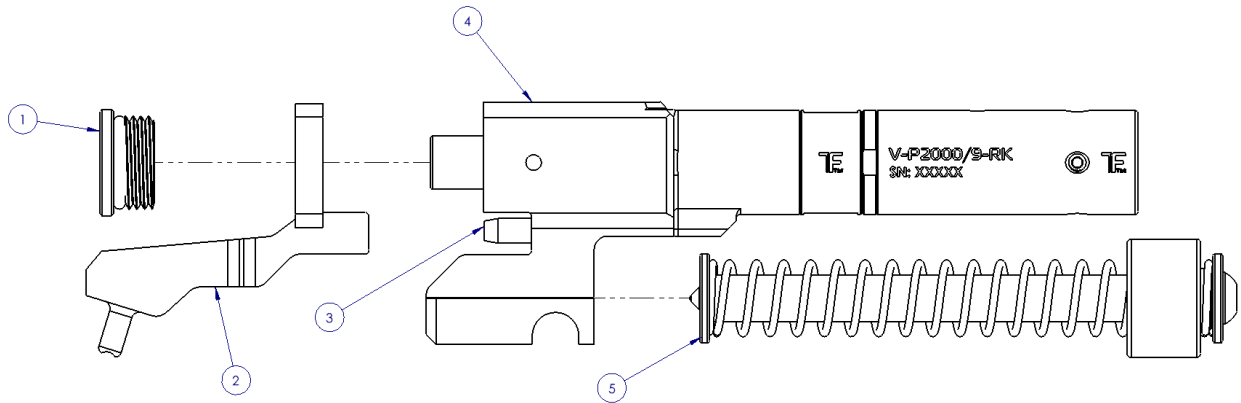


Figure 1: Recoil Kit Assembly

ITEM NO.	DESCRIPTION
1	Tailpiece Fastener
2	Tailpiece
3	Air Tube
4	Barrel Assembly
5	Guide Rod Assembly

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 recoil spring assembly and factory barrel in a safe spot. Install the recoil kit into the HK USP-C or P2000 as shown below.

- Remove the Tailpiece (Figure 1, #2) and Tailpiece Fastener (Figure 1, #1) from the recoil kit as shown in Figure 2. Use the VirTra Tailpiece Fastener Wrench supplied in the Maintenance Kit to unscrew the Tailpiece Fastener from the Recoil Kit.



Figure 2: Kit Components

- With the bottom of the slide turned up, place the Barrel Assembly (Figure 1: Recoil Kit Assembly #4) into the slide with the barrel lug turned up (Figure 3).



Figure 3: Barrel Assembly Install

- Insert the provided Guide Rod Assembly (Figure 1, #5) into the slide guide housing (muzzle end) of the slide. Push the guide rod through the recoil spring compressing it enough to seat the rear of the guide rod into the assembly notch of the barrel lug (Figure 4 & Figure 5).



Figure 4: Recoil Spring Install



Figure 5: Completed Recoil Spring Install

- Holding the slide and recoil spring assembly firmly, place the rear of the slide onto the front frame rails and continue moving the slide onto the frame until it is fully rearward and lock the recoil kit in place by flipping the take down lever on the Firearm (Figure 6).



Figure 6: Handgun Frame Install

- Pull the slide rearward until the flat notch lines up above the takedown pin and re-install the takedown pin. (Figure 7)



Figure 7: Takedown Pin

- Release the slide slightly, exposing the end of the barrel block and insert the tailpiece into the ejection port. Press the tailpiece into the barrel block so that the air transfer tube (Figure 1, #3)

engages both pieces. This can be done easily by letting the slide close on the tailpiece after it has been lined up (Figure 8 & Figure 9).



Figure 8: Tailpiece Install



Figure 9: Completed Tailpiece Install

- Install the Tailpiece Fastener and tighten with the Tailpiece Fastener Wrench in the clockwise direction until tight (Figure 10 & Figure 11). Be sure the sides of the Tailpiece are well aligned with the barrel block to prevent it from turning and sticking out of the ejection port (Figure 12). Even small misalignment can compromise the performance of the recoil kit and shorten the lifespan of the air transfer tube. (Figure 10, Figure 11, & Figure 12).



Figure 10: Tailpiece Fastener Install 1

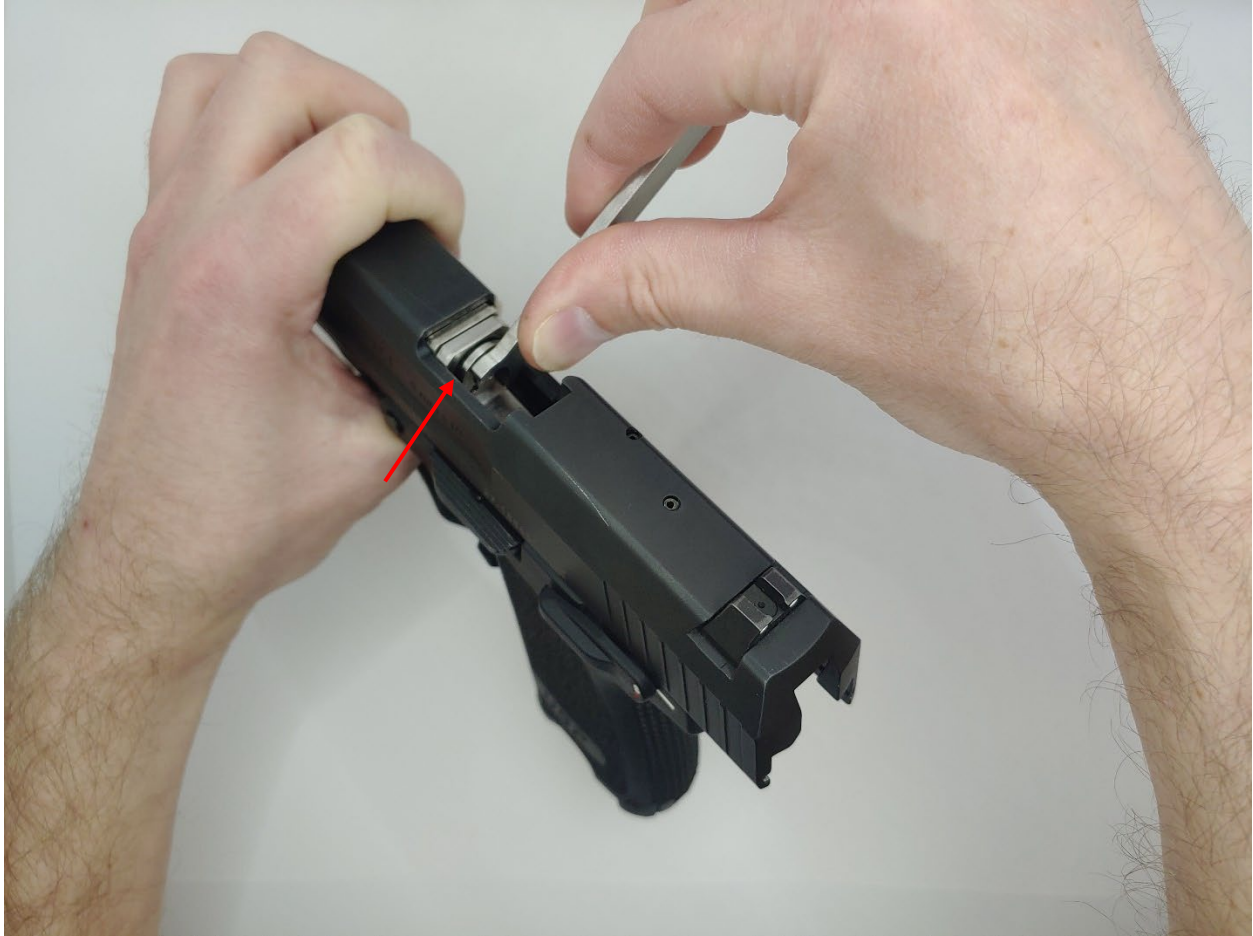


Figure 11: Tailpiece Fastener Install 2



Figure 12: Alignment Check

- Gun is ready to fire.

B. BEFORE USE/LUBRICATION

Even though there is no live fire being conducted, there are still metal parts sliding on each other which require Lubrication just the same as a live weapon. A thin coat of lubrication around entire Recoil Kit is recommended, specific areas needing lubrication are any that the slide rubs against, e.g. the square Barrel Block and the Round Laser Barrel as well as the Recoil Guide Rod that the spring rubs against. Lubricate the weapons components following normal manufacturer instructions using approved Lubricant. See section II. In the V-USPC9-RK & V-P2000/9-RK Repair and Maintenance Manual for detailed lubrications instructions.

NOTE: Too much lubrication can cause lubricant to seep into the recoil kit and onto the electronics and may cause issues.

The approved lubricant is Lucas Oil Extreme Duty Gun Oil.

C. 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.

VirTra Service Department



295 East Corporate Place
Chandler, AZ 85225 USA

Office: 480.508.5977
Email: service@virtra.com
V-RC Portal: portal.virtra.com