



# **V-CZ805-RK INSTALLATION MANUAL**

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## **CAUTIONS AND WARNINGS**

Read, understand and follow all warnings, training materials, and safety instructions for the CZ805.

**CAUTION: CLASS 1M LASER, PRODUCT, LASER RADIATION. DO NOT stare into beam or view directly with optical instruments.**

**WARNING: CZ805 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-CZ805-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

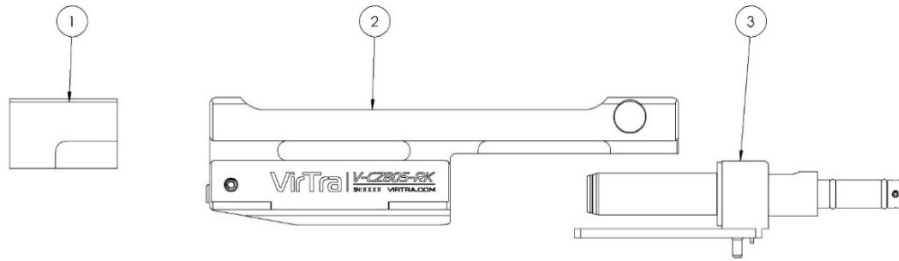


Figure 1: Recoil Kit Assembly

ITEM NO.	DESCRIPTION
1	Recoil Buffer
2	Bolt Carrier
3	Charge Chamber

Table 1: Recoil Kit Components

## II. OPERATION INSTRUCTIONS

### A. RECOIL KIT INSTALLATION

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

Remove the magazine and set the fire mode selector into the safe position. Make sure the firearm is unloaded and that the chamber is clear. Field strip the firearm according to the manufacturer's instructions. Install the recoil kit into the CZ805 as shown below.

- Press the front disassembly pin from the side of the firearm and remove it (Figure 2). Remove the pistol grip with the magazine well (Figure 3).

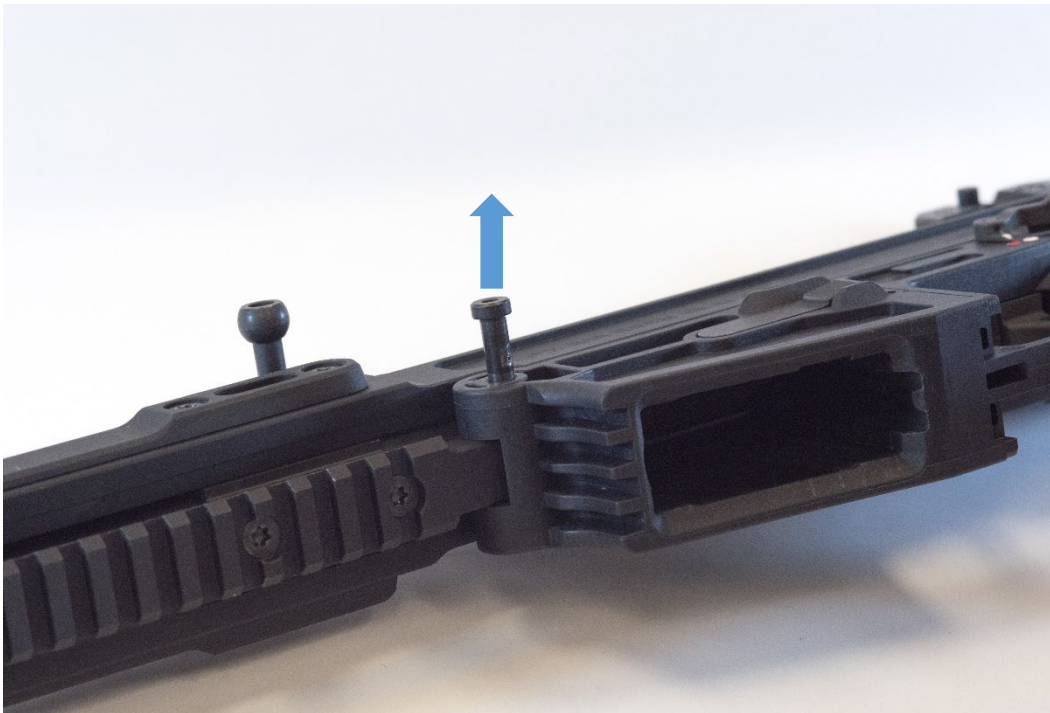


Figure 2: Front Disassembly Pin Removal



Figure 3: Pistol Grip Removal

- Press the rear disassembly pin from the side and remove it (Figure 4).

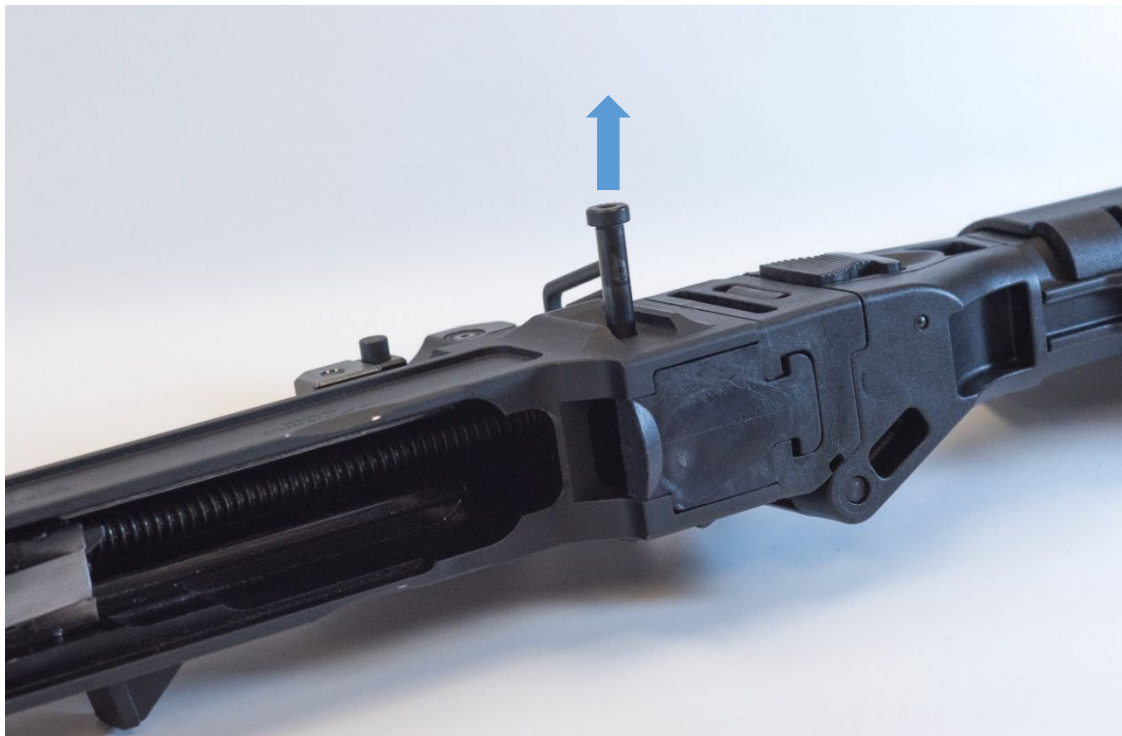


Figure 4: Rear Disassembly Pin Removal

- Fully press the stock disassembly button (Figure 5) and remove the whole stock by sliding it downwards (Figure 6).

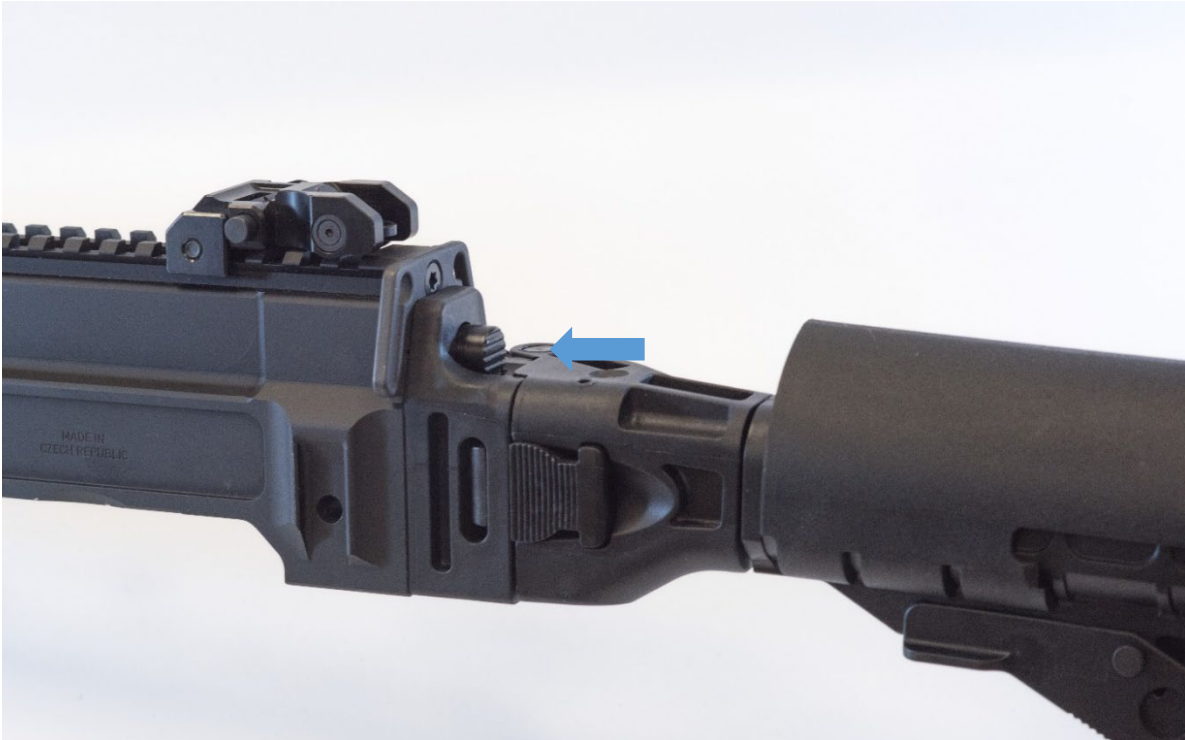


Figure 5: Disassembly Button

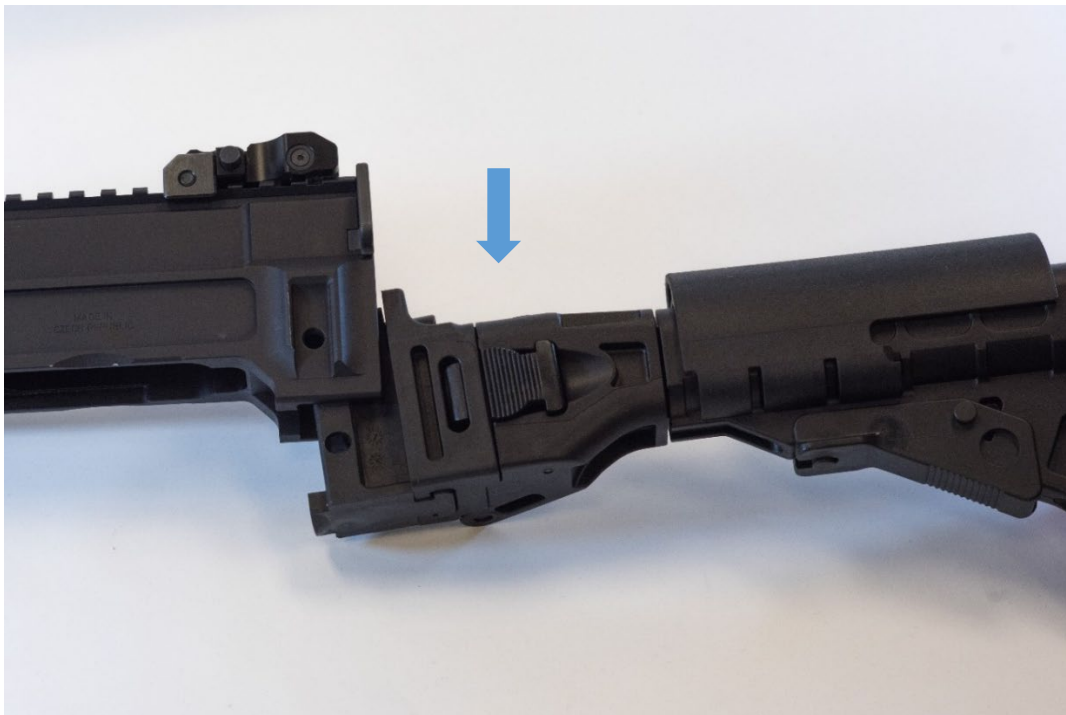


Figure 6: Stock Removal

- Remove the recoil spring assembly (Figure 7).

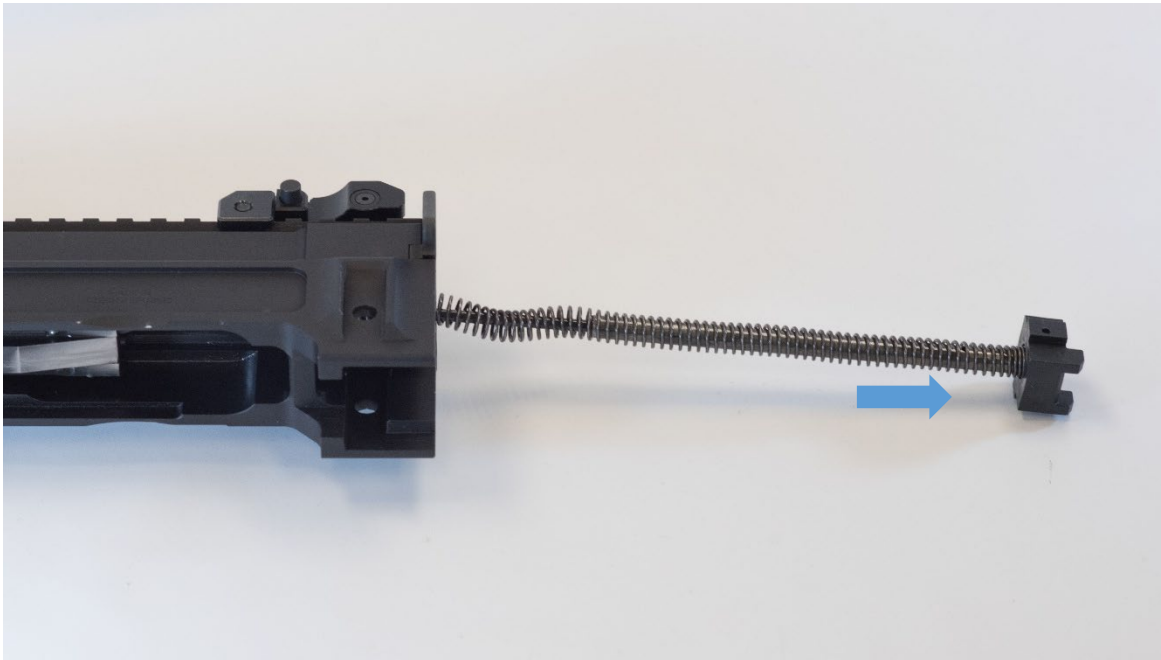


Figure 7: Recoil Spring Removal

- Move the Bolt Carrier Group (BCG) to the rear most position where it is possible to remove the charging handle. Remove the charging handle and the BCG from the firearm (Figure 8).

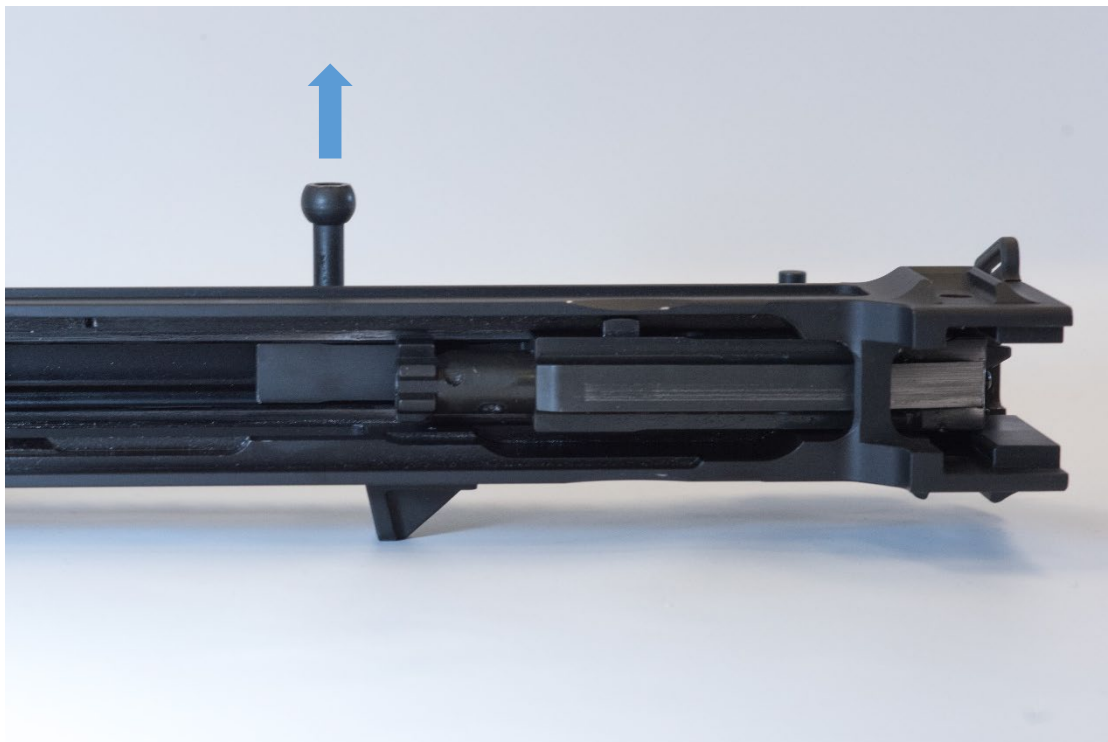


Figure 8: Charging Handle removal

- Place the factory BCG in a safe spot.



- Install the charge chamber assembly by sliding the Charge Chamber (Figure 1, #3) into the firearms chamber. Ensure that the nipple and retaining plate are facing out of the firearm receiver frame (Figure 9).



Figure 9: Charge Chamber Install

- Slide the bolt carrier assembly into the firearm to the point that allows the charging handle to be inserted. Insert the charging handle on desired side of the BCG and slide fully forward over charge chamber assembly (Figure 10).

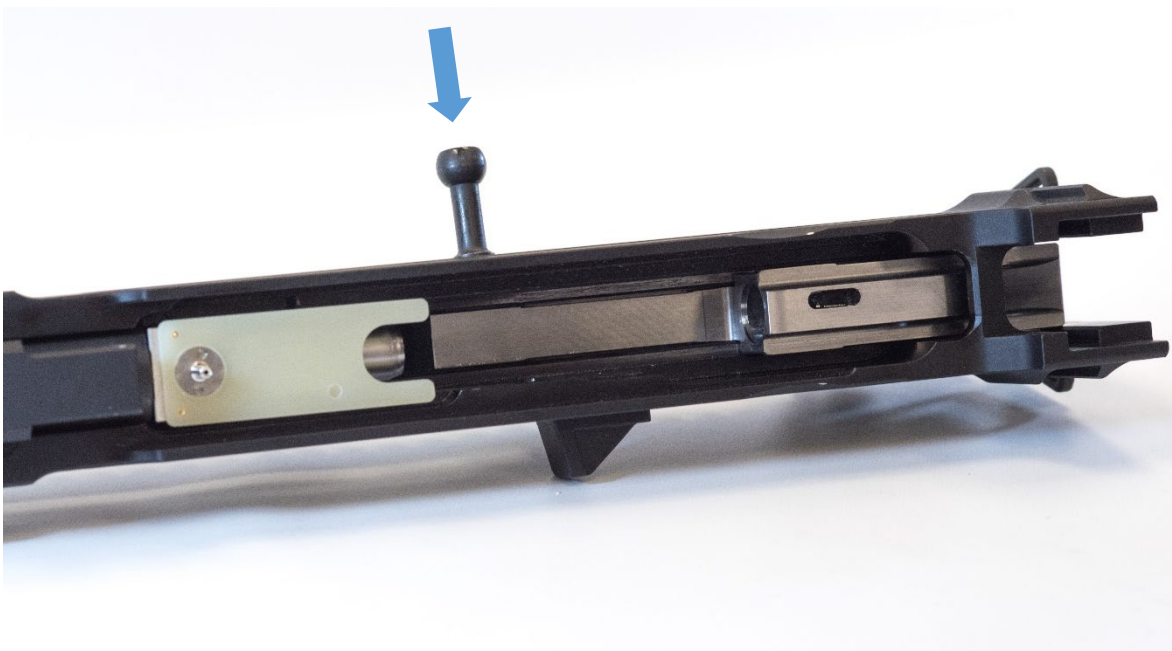


Figure 10: Bolt Carrier and Charging Handle Install

- Place the VirTra provided recoil buffer over the recoil spring assembly and install into the firearm (Figure 11).



Figure 11: Recoil Buffer

- Make sure VirTra Recoil Buffer and Factory Buffer are oriented as shown in Figure 12.

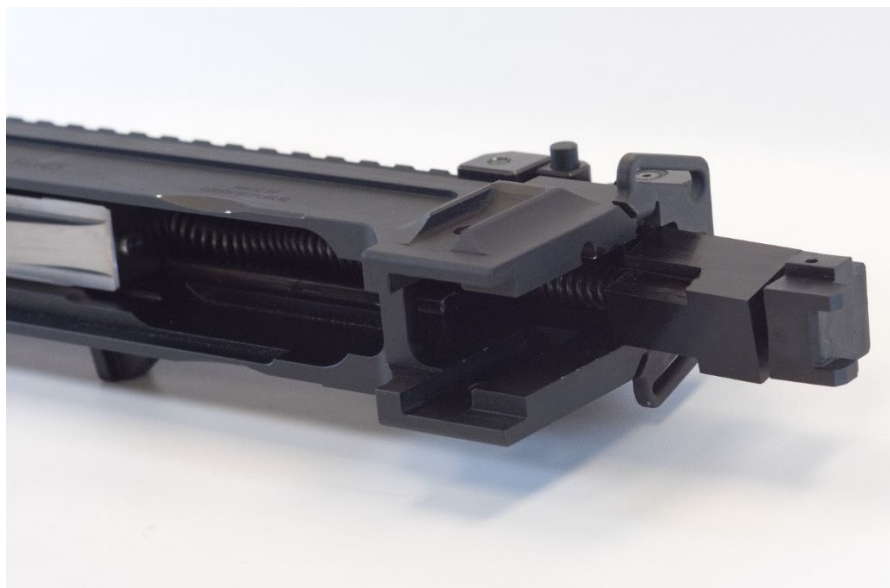


Figure 12: Recoil Buffer Orientation

- Reinstall the stock and rear disassembly pin.
- Install the pistol grip with magazine well, making sure the retaining plate fits securely into the magazine well and is not bent or twisted.
- Install the front disassembly pin.

#### **B. BEFORE USE/LUBRICATION**

Lubricate the weapon following normal manufacturer instructions using approved Lubricant.

Approved Lubricant: **Slip 2000 or Lucas Oil**

#### **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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