DPM Systems Technologies
RESEARCH & DEVELOPMENT OF ADVANCED COMPONENTS

INSTALLATION INSTRUCTIONS
Recoil Buffer Assembly
AR-PCC 9mm
Full User Adjustability

For further questions please contact:
service@dpmsystems.com
www.dpmsystems.com

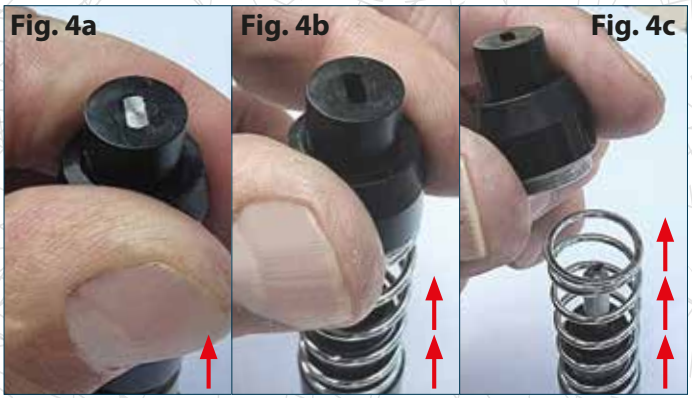
Video instructions:
dpmsystems.com/faqs

DISASSEMBLING
See Back Page, Part List & Suggestions

1. Place the **Buffer Assembly** in a firm surface and compress the **Rubber Head** down to appear the **Stopper** and by using the **Tool** remove the **Safety Pin** from the **Stopper** bore. (Fig. 1, 2 & 3)

2. The **Buffer Assembly** can stay for a while with the **Tool**, ready for the next step. (Fig. 3)

3. Compress the **Rubber Head** again, take the **Tool** off and carefully let the **Spring** to get uncompressed. (Fig. 4a, 4b & 4c).



Now the **Buffer Assembly** is completely disassembled (Fig. 10), ready for cleaning and adjustments.

See the Table on the back & Suggestions.

ASSEMBLING

See Back Page, Part List & Suggestions

1. Assemble the **Buffer** Parts with the **Correct Order** from number 1 to 12 as showed in Fig. 10, choose different **Springs** and **Counterweight** if you wish to adjust the **Buffer Assembly** (Fig. 11) and finally compress the **Rubber Head** to appear the **Axel** and place the **Stopper** on the **Axel** top (Fig. 5)

Fig. 5

Fig. 6

ATTENTION: The **Stopper** has to be assembled with the **Axel** and interlock together, so both bores are aligned. (Fig. 6)

2. Insert the **Tool** through the **Stopper** and **Axel** bore to secure temporarily the **Buffer Assembly** and insert also the **Safety pin** from the other side (Fig. 7)

Fig. 7

3. Take off the **Tool** and push the **Safety pin** with the opposite side of the **Tool** to fully penetrate. (Fig. 8 a,b).

Fig. 8a

Fig. 8b

4. Uncompress the **Rubber Head** to fully cover the **Stopper** with the **Safety Pin** inside it. Finally, pull the **Rubber head** to fully cover the **Stopper** (Fig. 9).
The **Buffer Assembly** is now ready for use.

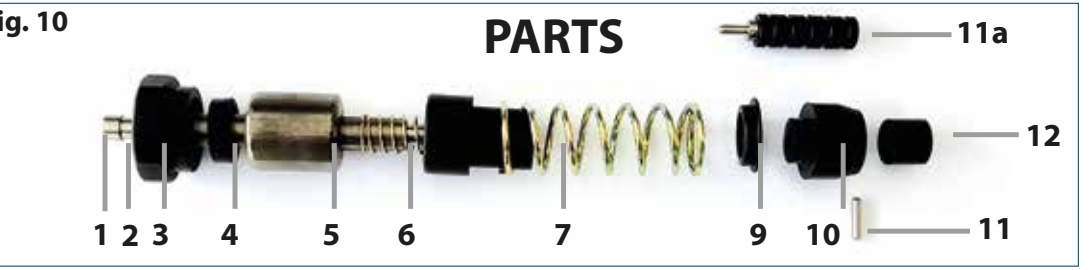
Fig. 9

MAINTENANCE: Don't use strong chemicals for cleaning. Lubricate only the **Axel 1** and the **Central Tube 2** with a few drops of fine oil.

For any questions contact the Dealer who supplied you this product or contact us: **service@dpmsystems.com**

ATTENTION: Assemble the **Buffer Parts** with the correct order from number 1 to 12 as you see in the photo below. The **Buffer Assembly** is already set up with an **Absorbing O-ring (8)**. Please do not remove when you clean the system. Replace if necessary.

Fig. 10



1. Axel **2.** Central Tube **3.** Counterweight O-ring **4.** Counterweight 5. Counterweight Spring **6.** Buffer Tube **7.** Absorbing Spring **9.** Spring Washer **10.** Rubber head **11.** Safety Pin **11a.** Tool **12.** Stopper.

*This kit includes a spare **Safety pin,** two **Absorbing O-rings** and a **Counterweight O-ring**.*

Buffer Spring Force		Kgr	Pounds
Short	S1	7.00	15.45
Medium	S2	7.80	17.20
Long	S3	8.25	18.20

Fig. 11

Counterweights: Long/Heavy 70 gr., Short/Light 50 gr.
We suggest to use the **Long/Heavy-C2 Counterweight** for Standard and High Pressure Ammunitions.
Use the **Short/Light-C1 Counterweight** when using Soft or Subsonic Ammunitions.
Counterweight Springs: Use the **Longest Spring-CS1** when using the **Long/Heavy Counterweight-C2**.

Feel free to try any possible Spring and Counterweight combination.