



DPM Systems Technologies
RESEARCH & DEVELOPMENT OF ADVANCED COMPONENTS

INSTALLATION INSTRUCTIONS

Recoil Buffer Assembly

AR-15 556/308 Platform

Full User Adjustability



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

Video instructions:
dpmstystems.com/faqs

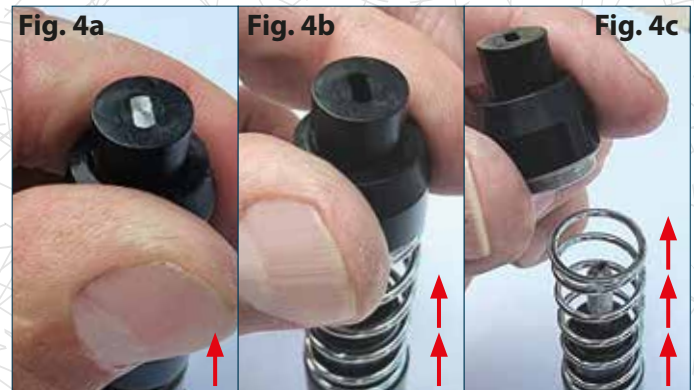
DISASSEMBLING

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.

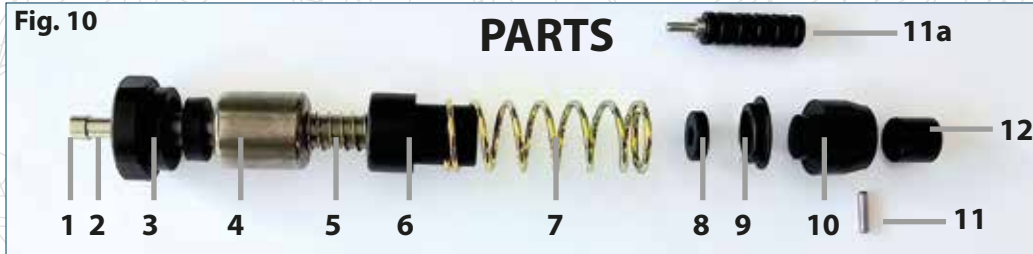
Fig. 9



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@dpmssystems.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.



1. Axel 2. Central Tube 3. Counterweight O-ring 4. Counterweight 5. Counterweight Spring 6. Buffer Tube 7. Absorbing Spring 8. Absorbing O-ring 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		Calibers	Kgr	Pounds
Short	S1	223/556	4.00	8.82
		308/762	7.00	15.45
Medium	S2	223/556	5.50	12.10
		308/762	7.80	17.20
Long	S3	223/556	7.00	15.45
		308/762	8.25	18.20



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.

ATTENTION: Always use the **Absorbing O-ring 8** between the **Buffer Tube 6** and the **Rubber Head 10**. (Fig. 12)

