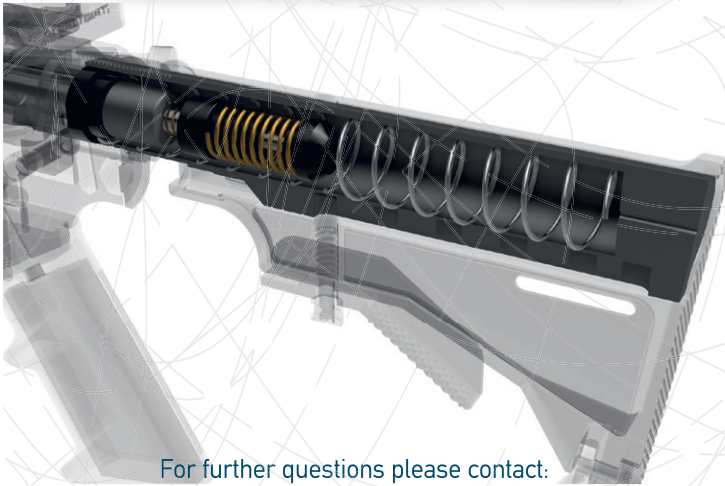




DPM Systems Technologies
RESEARCH & DEVELOPMENT OF ADVANCED COMPONENTS

INSTALLATION INSTRUCTIONS Recoil Buffer Assembly AR-15 Platform with User Adjustability



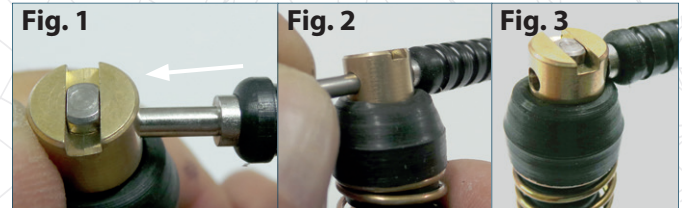
For further questions please contact:
service@dpmssystems.com
www.dpmssystems.com

Video instructions:
dpmssystems.com/faq

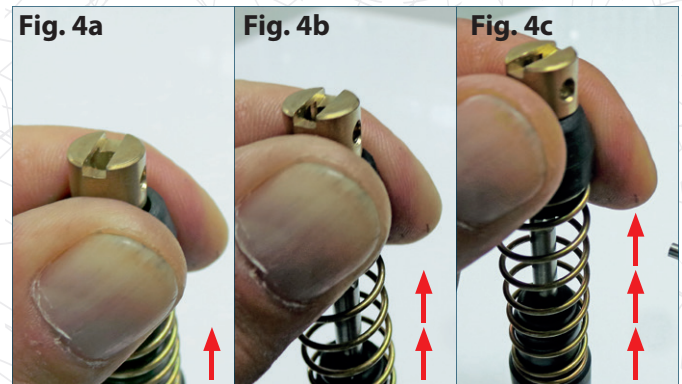
DISASSEMBLING

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. 11), 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 10 as showed in Fig. 11, choose different **Springs** and **Counterweight** if you wish to adjust the **Buffer Assembly** (Fig. 12) and finally compress the **Rubber Head** to appear the **Axel** and place the **Stopper** on the **Axel** top (Fig. 6)

Fig. 6



Fig. 7



ATTENTION: The **Stopper** has to be assembled with the **Axel** and interlock together so both bores are aligned. (Fig. 7)

2. Insert the **Tool** through the **Stopper** and **Axel** bore to secure temporarily the **Buffer Assembly**. (Fig. 8)

Fig. 8



3. Insert the **Safety Pin** to the other side of the **Stopper** bore, push to fully penetrate and at the same time take off the **Tool** from the **Stopper**. (Fig. 9 a,b,c).

Fig. 9a

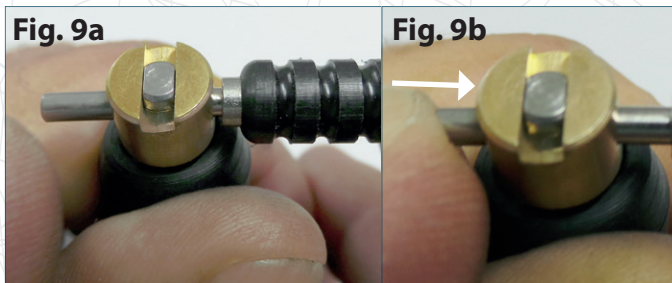


Fig. 9b

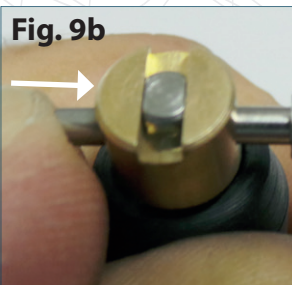
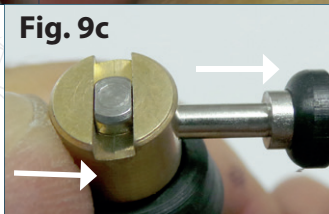


Fig. 9c



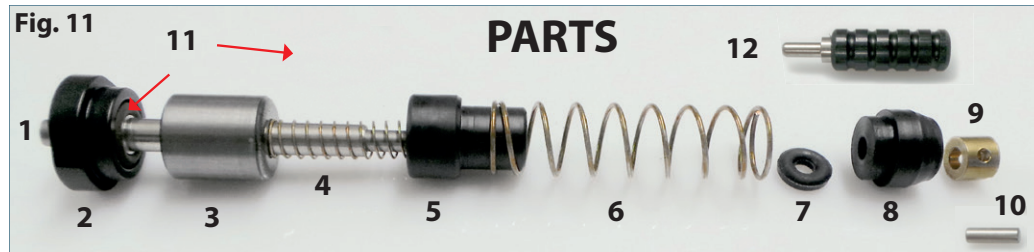
4. Uncompress the **Rubber Head** to fully cover the **Stopper** with the **Safety Pin** inside it. Finally, pull the **Rubber head** to fully cover the **Stopper** (Fig. 10). The **Buffer Assembly** is now ready for use.

Fig. 10



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

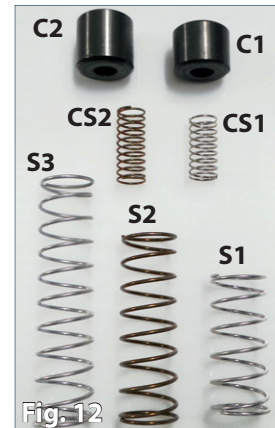
ATTENTION: Assemble the **Buffer Parts** with the correct order from number 1 to 10 as you see in the photo below. The **Buffer Assembly** is already set up with an **Absorbing O-ring 11**. Please do not remove for cleaning. Replace if necessary after 10.000 rounds.



1. Axel 2. Central Tube 3. Counterweight 4. Counterweight Spring 5. Buffer Tube 6. Absorbing Spring 7. Absorbing O-ring 8. Rubber head 9. Stopper 10. Safety Pin 11. Counterweight O-ring 12. Tool.

*This kit includes a spare **Safety pin**, an **Absorbing O-ring** 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



Counterweight Choice: 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 Spring Choice: 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 7** between the **Buffer Tube 5** and the **Rubber Head 8**. (Fig. 14)

For any questions please contact your local Dealer who supplied you this product or contact us at service@dpmssystems.com

