

SUBLETHAL

Manual – Unloading Bullets

2019 v1

Introduction

Unloading bullets is only usually done when:

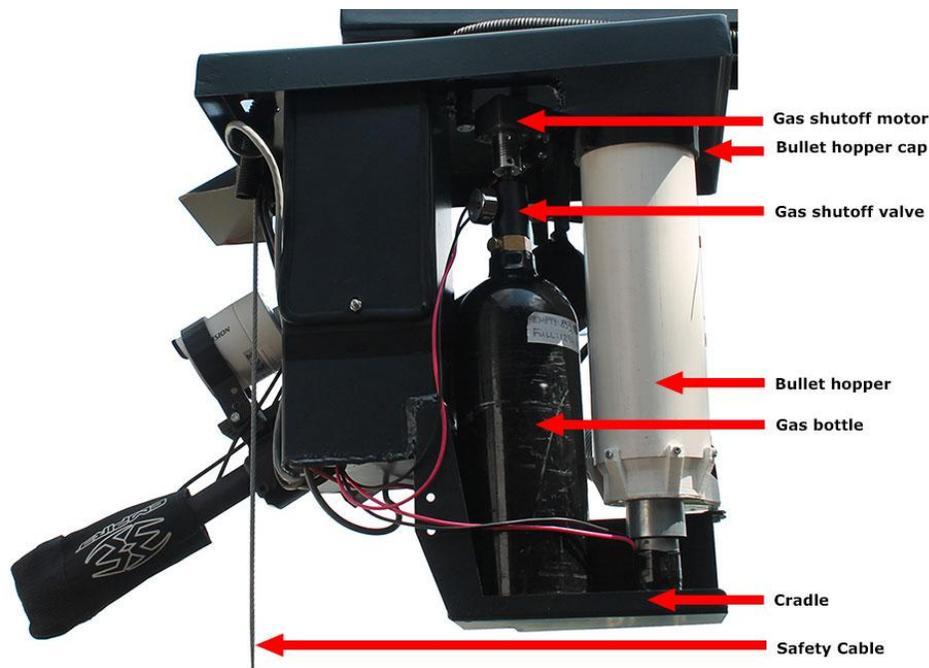
- removing the unit for transportation
- removing the bullets to load a different type of bullet

Important safety note

Bullets are held in the hopper. There is a flexible hose between the hopper and the Feed Neck on the Paintball Gun. That Hose takes 30 to 40 bullets. When the Paintball Gun is firing blanks (when it seems like it has run out of bullets) there will still be bullets in the Hose. By moving the Paintball Gun (especially downwards) bullets may feed into the gun. So, when the gun seems out of bullets, there will always be bullets in the system. Do not play with the Paintball Gun, even when it seems to be empty.

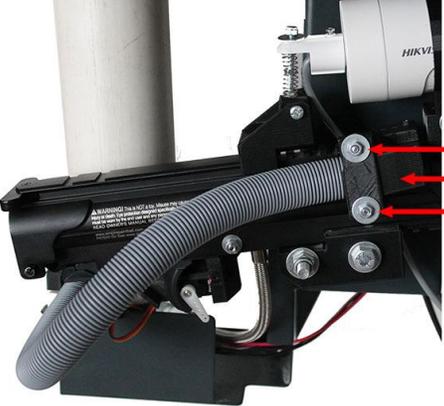
Tools Required

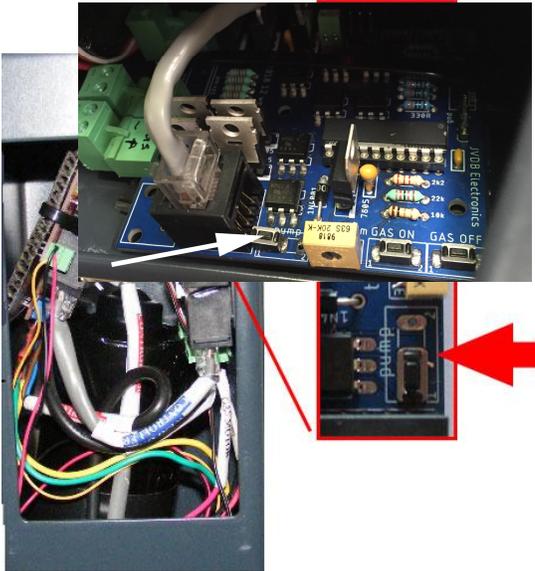
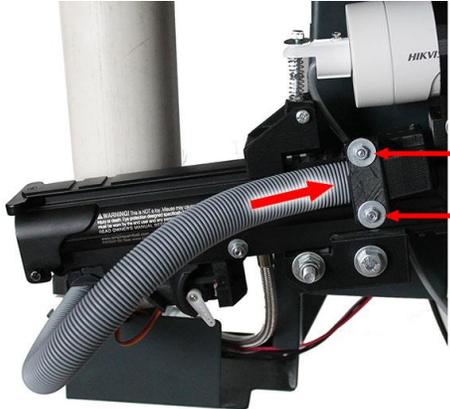
- 4m scaffolding or cherry picker or ladder
- 1 spanner (size 13)
- 1 spanner (size 7)
- Muzzle cover for the paintball gun

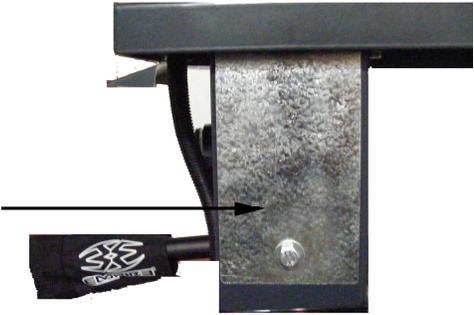
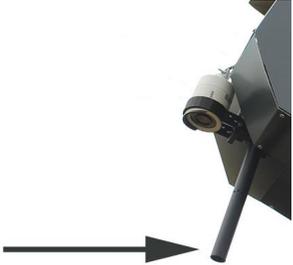


Procedure for unloading bullets

1	Ensure the safety of people and possessions before each procedure.	
2	Installer/ technician to switch off the HID (hand controller) and keep the keys with them at all times when working on the Remote Gun	<p style="text-align: center;">Hand Controller</p> 
3	Use appropriate safety equipment such as a harness for working at heights. Wear safety glasses.	
4	Muzzle cover on	

<p>5 Casing cover off (covering the gun system)</p>		
<p>6 Remove 2 of M4 nuts (size 7 spanner) on the Feed Neck to loosen the Hose</p>		 <p>M4 Nut Feed Neck M4 Nut</p>
<p>7 Pull out the hose and put the end in a bucket to catch bullets.</p>		
<p>8 Open the UD door (the vertical door next to the gas bottle). You might need a size 13 spanner.</p>		 <p>Open</p>

<p>9 On the Weapon Controller (Blue board), press the bullet pump button to eject bullets from the Hopper. The bullet feed button is the lowest button.</p> <p>Shake the Hopper a few times while pressing the pump button to ensure that all bullets are out of the Hopper and Hose.</p>	
<p>10 Remove the barrel by unscrewing it. Check that there are no bullets in the barrel.</p>	
<p>11 Check that there are no bullets in the Paintball Gun by sticking your finger in the Feed Neck and the hole where the barrel fits. Your fingers should touch. It may be necessary to cock the Paintball Gun.</p>	 <p>Feed Neck</p>
<p>12 Replace the barrel by screwing it in</p>	
<p>13 Replace the hose. Replace the Hose Clamp. Replace 2 of M4 washers. Fasten 2 of M4 nuts.</p> <p>Do not tighten the M4 nuts too much. It should be tight enough to hold the Hose but not too tight to squash the Hose (which jams bullets)</p>	 <p>M4 Nut M4 Nut</p>

14	Close the UD door	 A close-up photograph of a black metal door mechanism. A hand is shown using a black tool with a white logo to turn a silver knob on the door. A black arrow points from the left towards the knob.
15	Put the casing cover back	 A photograph of a grey, angular metal casing cover. The word "SUBLETHAL" is printed in red on its side. A black arrow points from the left towards the cover.
16	Remove the muzzle cover	 A close-up photograph of a muzzle cover being removed from a device. A black arrow points from the left towards the muzzle area.
17	Put the keys back in the key switch in the Hand Controller.	
18	The technician must leave the site in a safe state.	