

Purpose

This document will explain how to manually unblock a pump by turning it with a hex key.

Scope

Applicable to all HERO automatic dispensers.

Safety


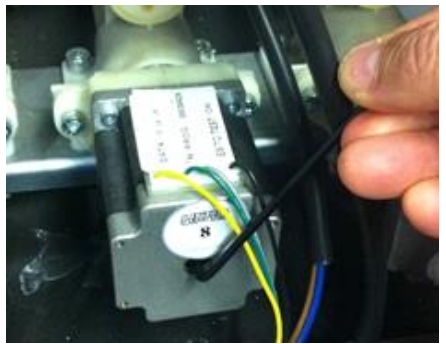
Follow all standard safety practices when working on any equipment.

Tools and materials required

Depending on the unit you may require some of the following tools.

- 4mm Hex Key
- 3mm Hex Key
- Front access panel key if applicable.

1 Instruction

Step	Instruction	Image
1.1	<p>Gain access to the pumps.</p> <ol style="list-style-type: none"> 1. A1XX: Open rear panel. 2. A2XX & A3XX: Open access panel on front of unit. 3. A4XX, A8XX, A9XX: Remove rear panel. 	
1.2	<p>Locate the pump in question.</p> <ol style="list-style-type: none"> 1. A1XX, A2XX, A3XX: Pumps are located and attached directly under each canister. The motor screw will face the floor. In few cases, the entire canister assembly may require removal. 2. A4XX, A8XX, A9XX: Pumps lay horizontally along bottom of the unit and the motor screws will face the user when viewed from the rear of unit as pictured. 	
1.3	<p><u><i>If you have never done this before it is recommended to perform this step on a known good pump first. This allows you to get a feel for how much pressure is required to turn the pump.</i></u></p> <p>Place a 3mm hex key into the motor screw and rotate clockwise at least 10 times. This can be very tight sometimes and can require a lot of force. If you are able to turn the pump do so at least 10x clockwise, then 10x counter clockwise.</p>	

1.4	Complete a test dispense of 10oz into a clean container so that you may reuse the colorant.	
1.5	If you need to repeat the process you may do so.	
1.6	Put unit back together.	