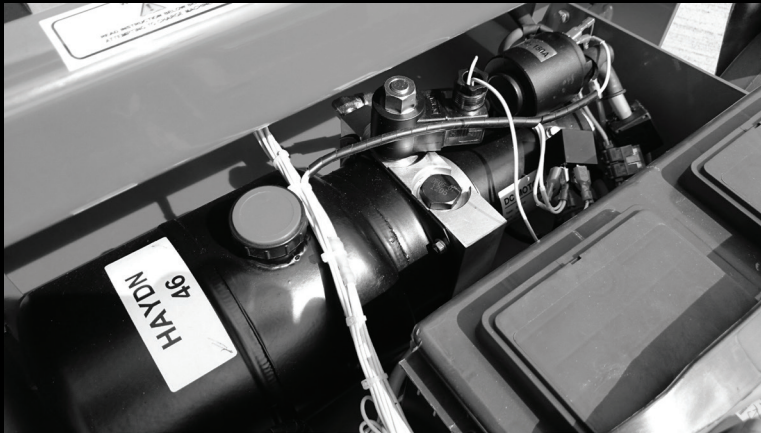


# SERVICE BULLETIN

## Pop Up Push Around Pro



### HYDRAULIC UNIT BLANKING PLUG INSTALLATION

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**This bulletin** relates to a simple modification required to the hydraulic power pack on the **Pop-Up** PUSH Pro Machines.

As part of the ongoing development of the **Pop-Up** PUSH Pro range, we have been investigating the effects of contaminated hydraulic oil on the performance of these **Pop-Up** machines and have found that in some instances machine systems and performance can be compromised.

In addition to the regular maintenance of the quality and levels of hydraulic oil in the **Pop-Up** machines, you should remove the secondary flow regulator from the hydraulic power pack and replace with the hydraulic unit blanking plug. The removal of this secondary flow regulator will ensure the free flow of hydraulic oil around the system at all times. The main flow regulator within the port of the main lift cylinder remains in position to control the descent functions of the machine.

This simple modification is required on the following **Pop-Up** PUSH Pro machines::

**PUSH 6 Pro: PUSH6-01-000001 to PUSH6-01-000128**

**PUSH 8 Pro: PUSH8-01-000001 to PUSH8-01-000540**

**PUSH 10 Pro: PUSH10-01-000001 to PUSH10-01-000109**

You will require the following tools and parts to complete the process:

**17mm A/F ring spanner**

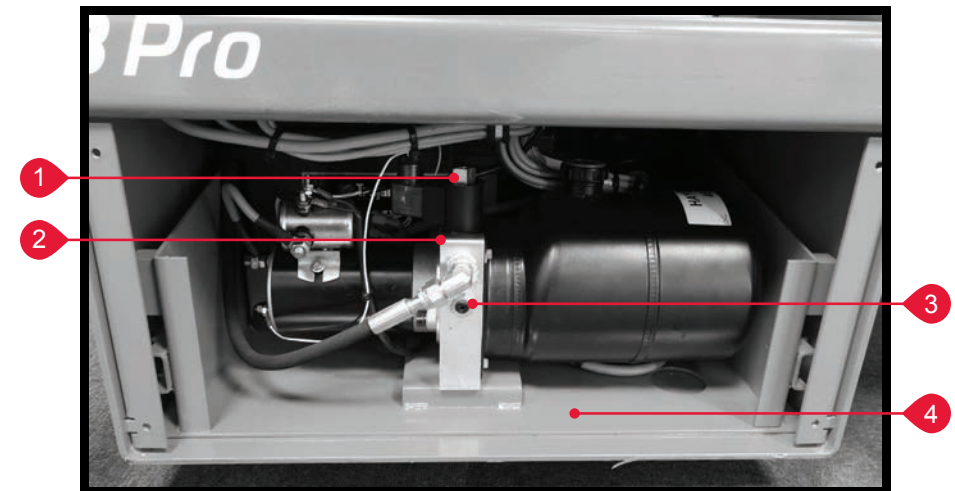
**4mm A/F Allen Key**

**14mm A/F ring spanner**

**A clean cloth**

**Hydraulic unit blanking plug kit\***

\*Pop-Up Products Limited will provide you with Hydraulic unit blanking plug kits to modify your machines.



Parts Listing	
1	Pump Solenoid Valve
2	Hydraulic Unit
3	Flow Regulator
4	Tray



Fig. 1

1. Before attempting to remove the flow regulator it is important to isolate the machines power. Do this by depressing the E-Stop button and turning the Control Selector Switch to '0' as shown in fig.1. You are now ready to safely remove the flow regulator.



Fig. 2

2. Remove the rear inspection panel as shown in fig.2 to allow access to flow regulator.



Fig. 3

3. Using the 17mm A/F ring spanner and the 4mm A/F Allen key, loosen the flow regulator in the hydraulic unit manifold block as shown in fig.3.

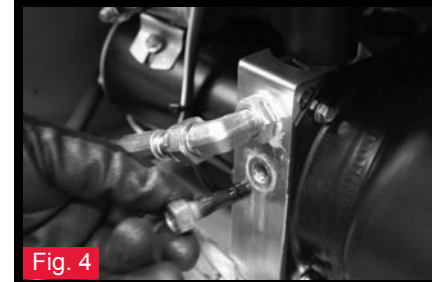


Fig. 4

4. Remove the flow regulator from the hydraulic unit manifold block as shown in fig.4. Thoroughly clean any hydraulic oil spill with the cleaning cloth and carefully remove any remnants of hydraulic sealant form the face of the manifold block, ensuring no sealant enters the port.

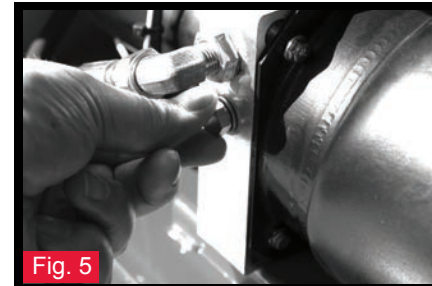


Fig. 5

5. Insert and screw the blanking plug into the empty port on the power pack manifold until hand tight as shown in fig.5.

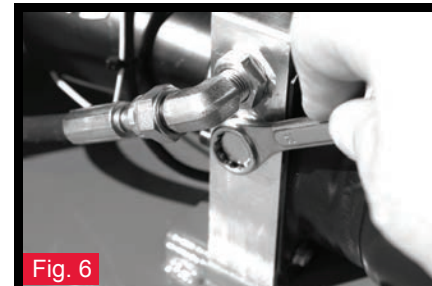


Fig. 6

6. Using the 14mm A/F ring spanner tighten the blanking plug until the dowty washer seal mates sufficiently to the face of the power pack manifold block to stop any leakage of hydraulic oil as shown in fig.6.

1. Mark the blanking plug with a single black line using a permanent marker pen.
2. Carry out a full function test of the machine.
3. Once function tests have been successfully completed, refit the rear inspection panel.



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