

HOW TO PURGE PLOW HYDRAULIC SYSTEM

HYDRAULIC SYSTEMS MUST BE PURGED OF AIR. FOLLOW THESE STEPS TO FILL THE SYSTEM WITH OIL AND AVOID ANY AIR GETTING INTO THE SYSTEM.

1. Ensure the plow is connected to a tractor and the park brake is applied.
2. Place the stands in correct position under plow prior to working underneath the machine.
3. Connect the tractor or hydraulic power pack to plow.
4. Ensure the plow system pressure is at 0 psi prior to opening the system.
5. Ensure the hydraulic cylinders are full of oil by visually inspecting when in the working position.
6. Connect the flushing hose to furthest point of the plow's hydraulic system, then open the tap at the manifold.
7. Purge the system until it is free of air. Once this is complete it is very important to bleed all cylinder hoses at the cylinder end; you must ensure all air is removed from each hose.
8. If the plow has several toolbars, it's very important to bleed from the furthest point working our way in to the closest fitting at the base of the accumulator.
9. A test hose may be required to purge the base of the accumulator.
10. Once the system is bled including all hydraulic cylinder hoses, turn the tap off at the manifold when gauge is showing 0 pressure.
11. Test the system to ensure it's free from air. Pull and push backwards at the base of all shanks. The shanks should not be able to move backwards once the free play is taken up. If the shanks are able to move backwards it should only be because we are increasing the system pressure and the gauge should be moving.

Tips & Pointers

- Check all accumulators are set to the desired pressure refer to the manual to check.
- Ensure all hoses are tightened in a straight position and are not twisted.
- Increase the system pressure to the required operating pressure. Refer to your plow manual if required and check for leaks.
- Carry out operational check and ensure plow is operating as required. Please remember that the two most outside shanks are going to be the first to break out as ground shattering has only been applied to one side from any leading shanks.

Please contact Agrowplow head office on 1300 722 491 with any questions.