SERVICE	
Multiva Harrow depth control. Troubleshooting. Harrows older than 2010	

Keep the harrow mounted to the tractor.

- Lower the side wings down.
- Lift the harrow up to transport position - as high up as it goes. Keep the pressure on for a few seconds to make sure that all cylinders are fully out.
- Lower the harrow down so that s-tines are about 10 cm up from the ground.
- Close the valve that is in the depth hydraulic hose.
- Disconnect hoses from the tractor.
- Measure all three depth cylinders - how many centimeters the piston rods are out.
- Open the male quick coupling from another depth hydraulic hose and place the end of the hose into oil bucket.
- Repeat the measurement again after about 10 hours. If the difference is more than 10 mm, the reason may be :

If only the middle cylinder comes down :
Oil leak in the middle cylinder. Causes often damage to the depth control valve.

If only the left cylinder comes down :
Oil leak in the left cylinder.

If only the right cylinder comes down :
Oil leak in the right cylinder.

If both left and right cylinders come down :
Oil leak in both left and right cylinder.

If the whole harrow comes down :
Broken depth control valve. Threaded adjustment rod gets tight against the valve.
Oil leak in the middle cylinder causes almost similar fault and damages the valve, but in that case only the middle cylinder comes down.

If the harrow sinks more when it is connected to the tractor :
Leak in the valve block of the tractor.
Double check valve should be mounted between the harrow and the tractor.

Note that these problems may happen also during harrowing.

If the dept control valve gets stuck and you can't move the harrow up or down :
Reason for the valve getting stuck can be a leak in the valve or in the middle cylinder. If the valve is broken, the whole harrow sinks. If there is a leak in the middle cylinder, only the middle section sinks. Note that a leak in the middle cylinder may have damaged the valve. A temporary fix is to remove the valve block, open the valve and assemble it again.

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