

8300 Fast Fertilizer Bar With Hydraulic Wing Kick

Hydraulic Operating Instructions

(2012)

Tractor Remote SCV:

SCV1: Connected to Center Section Main Lift Cylinders and Main Wing Kick Cylinders

SCV2: Connected to Main Wing Fold Cylinders and Down Pressure Manifold

SCV3: Connected to Outer Flip Wing Cylinders

Unfolding the Toolbar from Transport Position to Field Position

Engage the tractor remote #1 to ensure that the main lift and main wing kick cylinders are in the fully raised position. With the toolbar in the fully raised position, remove the transport brace from the main lift cylinders and the safety pin from the main wing hinge on both sides. Engage the tractor remote #2 to unfold the main wings from the saddled transport position. When the main wings are fully unfolded they will remain "kicked" up until the center section is lowered during field operation. Now engage the tractor remote #3 to unfold the outer flip wings from the saddled transport position into the field position. The toolbar is now in the proper position to begin field application.

Field Operation of the Toolbar:

With the main wings and the flip wings completely unfolded in the field position; **engage the tractor remote #2 to continuously supply oil to the main wing unfold cylinder and activate the down pressure system.** The tractor remote # 2 must remain in this position during field operation and the hydraulic down pressure gauge should read somewhere between 700 to 1500 psi. Failure to keep the tractor remote #2 engaged could result in structural failure of the toolbar and/or hydraulic cylinder components. The down pressure may be adjusted by turning the socket head screw on the valve located on the front tube of the center section. Turning the screw in will increase main wing down pressure while turning the screw out will decrease pressure. Use the tractor remote #1 to lower and raise the main lift and wing kick cylinders to and from the ground during application. Because the active down pressure is on the tractor remote #2, the tractor remote #1 may be returned to the neutral position after the toolbar is raised or lowered.

Folding the Toolbar from the Field Position to the Transport Position:

When the fertilizer application is completed or the toolbar needs to be transported, engage the tractor remote #1 to fully raise the center section and main wing kick. With all the coulters now off the ground, engage the tractor remote #3 to fold up the outer flip wings into the transport position. Next engage remote #2 to fold the main wings into the transport position. With the toolbar fully raised place the transport brace or cylinder stops on the main lift cylinder rams and place the transport safety pins through the main wing hinge area.

Storage:

If the toolbar is to be stored for an extended period of time, the transport brace or cylinder stops must be placed on the main lift cylinders to prevent the center section coulters from contacting the ground when the center section is fully lowered. To lower the center section onto the stops, move the tractor remote #1 into the float position and allow the center section to settle onto the main lift cylinder stops. Momentarily also float the tractor remotes # 2 and # 3 to release any residual pressure that may be present in the system.