

See **Owner's Manual** [820093-8300-Owners-Manual-English.pdf](#)

Setup Tractor Hydraulics

▲ IMPORTANT: Check the hydraulic oil level and fill if necessary. Set the SCV flow rates and detent times as shown in Table 1.

Table 1: Hydraulic SCV setup

SCV	Function	Flow	Detent Time
I	Main Lift / Wing Kick	10	Continuous
II	Hydraulic Block	10	Continuous
III	Flip Fold	10	Continuous
IV	Product Pump	7-8	Continuous

Unfold the Toolbar from Transport Position to Field Position

1. Remove the Transport Lock Pins between the Center Section and Main Wings.
2. Pull SCV I rearward to raise the Center Section and Inner Wings. Visually verify that the Toolbar is fully raised.
3. Push SCV II forward to detent in continuous mode until the Inner/Main Wings are unfolded.

▲ NOTE: Wings will be in line with the Center Section when fully unfolded.

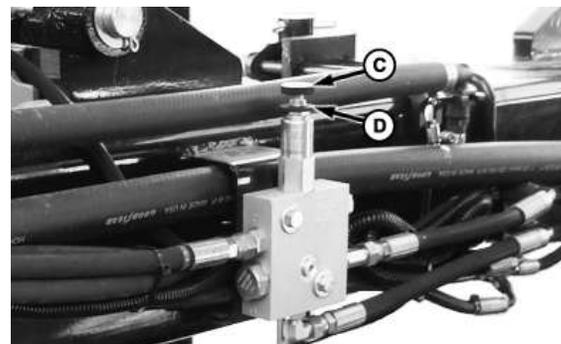
▲ WARNING: Damage to the Main Wings will occur if the wings are not fully unfolded before the Field Latch is engaged.

4. Push SCV III forward until the Outer/Flip Wings are unfolded.
5. Disengage SCV II, install Field Lock pins on the Outer/Flip Wings, and remove the Transport Cylinder locks from both Main Lift cylinders.
6. SCV II must stay engaged when the Toolbar is in the ground to apply down-pressure to the wings.

Fold the Toolbar from Field Position to Transport Position

1. Pull SCV I rearward to raise the Center Section and Inner Wings. Visually verify that the Toolbar is fully raised.
2. Remove the Field Lock pins from the Outer/Flip Wings.
3. Pull SCV III rearward to fold the Outer/Flip Wings.
4. Pull SCV II rearward to fold the Inner/Main Wings.
5. Disengage SCV II.
6. Install all Transport Cylinder locks on both Main Lift cylinders.
7. Install Transport Lock Pins between the Main Wings and the Center Section.

Set the Toolbar Main Wing Down-Pressure

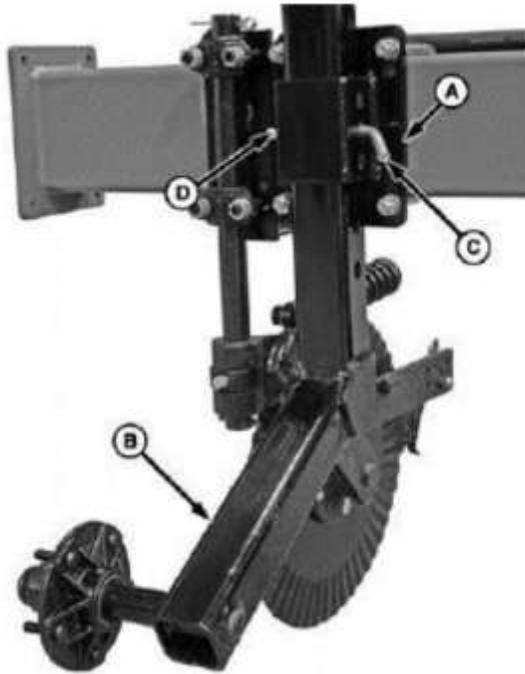


▲ IMPORTANT: Toolbar down-pressure to be 700 PSI – 1000 PSI. Down pressure should never exceed 1500 PSI.

▲ CAUTION: Monitor the pressure gauge while in use. Do not use more down-pressure than necessary else excessive wear and damage to the machine will occur.

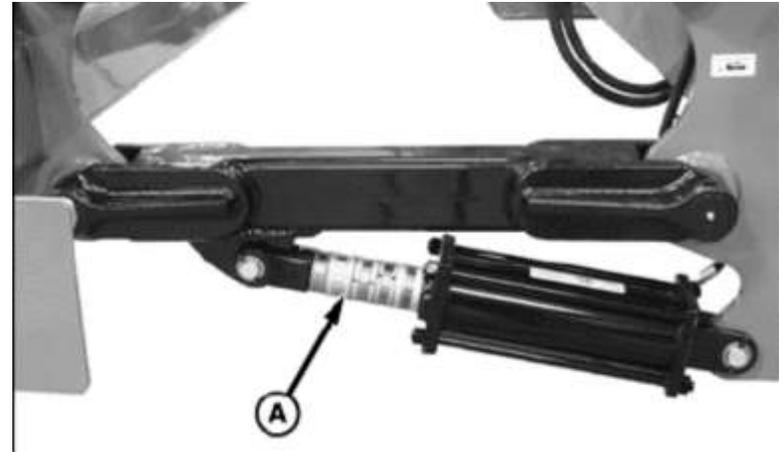
1. Loosen the jam nut / lock ring (D) on the adjustment knob (C).
2. Adjust the down-pressure to the initial setting by rotating the socket-head screw / adjustment knob on the Main Wing's down-pressure valve.
 - a. Tighten to increase pressure,
 - b. Loosen to decrease pressure.
3. Once set, lock the socket-head screw / adjustment knob with the jam nut / lock ring.
4. Make a trial pass in the field. If coulter-to-ground engagement is not satisfactory, adjust hydraulic pressure as needed.

Adjust the Gauge Wheel Height



1. After setting the Center Section's height, adjust the inner and outer Gauge Wheels such that the Coulter Blades are 2 inches – 4 inches in the ground.
2. Adjust the Gauge Wheel (B) by removing the spring clip (D) and retaining pin (C) and moving the gauge wheel up or down.
3. Reinstall the retaining pin and spring clip.

Adjust the Center Section's Height



1. Place the machine on a level surface in the field.
2. Unfold the toolbar and lower it until the coulter blades are 2 inches – 4 inches in the ground.
3. Install as many Depth Stops (A) on the Main Lift cylinders to set the Center Section to the current depth.
4. Keep SCV I in continuous down mode to keep the Center Section against the Depth Stops and supply hydraulic flow to the down-pressure valves.

Product Plumbing Setup and Calibration

- Refer to the Operator's Manual for a complete product plumbing setup, calibration, and service.