



See Owner's Manual [820101-813P-833P-Owners-Manual.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	Main Wings	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 3PT Hitch and Main Wings (833P only).
2. Pull SCV I rearward to raise the Inner/Main Wings away from the ground.
3. Push SCV II forward to detent in continuous mode until the Inner/Main Wings are unfolded.

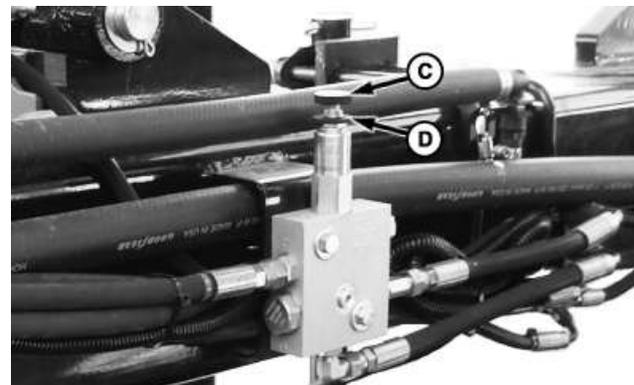
**▲ NOTE: The Inner/Main Wings will remain “kicked up” until SCV I is used to lower them to the ground during Field use.**

4. Push SCV III forward until the Outer/Flip Wings are unfolded.
5. SCV II must stay floating (in **Float Position**) when the toolbar is in the ground to allow wing flexure.
6. Push SCV I forward to lower the Inner/Main Wings.

## Fold the Toolbar from Field Position to Transport Position

1. Pull SCV I rearward to raise the Inner/Main Wings. Visually verify that the Toolbar is fully raised.
2. Raise the 3PT Hitch.
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 Transport Lock Pins (833P only).

## Set the Toolbar Down-Pressure



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

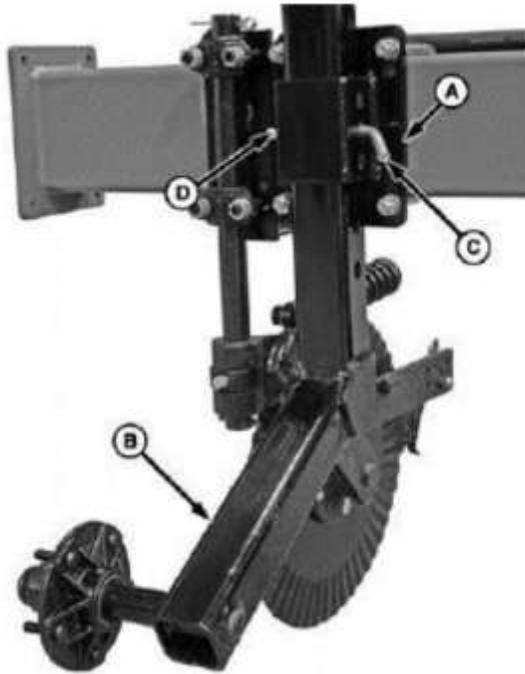
**▲ CAUTION: Monitor the pressure gauge while in use. Do not use more down-pressure than necessary else excessive wear and damage to the machine will occur.**

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.



## 813P / 833P QUICK START GUIDE

### Adjust the Gauge Wheel Height



1. After setting the 3PT Hitch'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.

### Product Plumbing Setup and Calibration

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