



# 8400 / 8500 QUICK START GUIDE

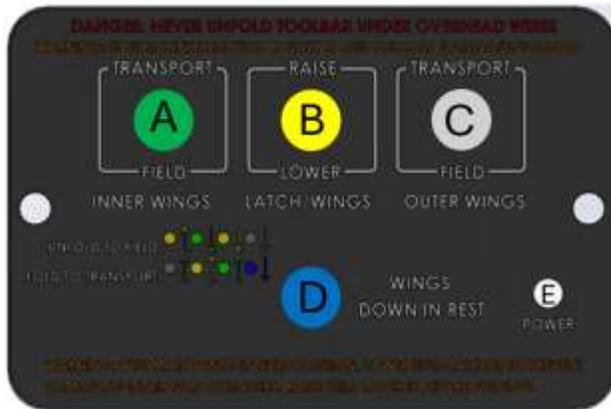
## Setup Tractor Hydraulics

**IMPORTANT:** Check / fill the hyd. oil level.

Set the flow rates and detent times as shown below.

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

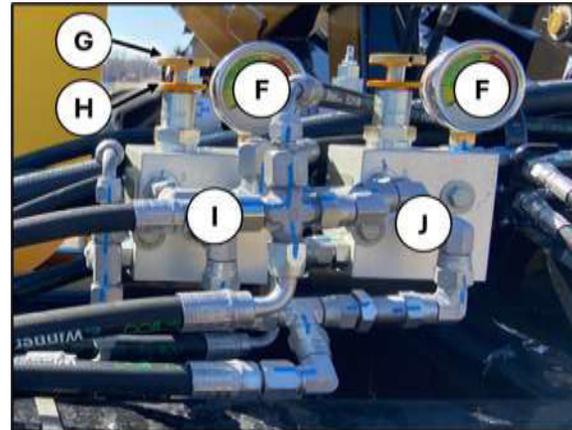
## Unfolding the Toolbar



1. Pull SCV I rearward to raise the Center Section and Inner Wings. Visually verify that the Toolbar is fully raised.
  2. Push SCV II forward to detent in continuous mode.
  3. Unfold the Toolbar by holding the Main/Inner Wings switch (A) in Field Position until the 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. Hold the Latches switch (B) in Field/Lower Position to engage the field latches.
  5. Hold the Flip/Outer Wings switch (C) in Field Position to unfold the Flip Wings (if equipped).
  6. Disengage SCV II and remove the Transport Cylinder locks from both Main Lift cylinders.
  7. SCV II must stay engaged when the toolbar is grounded to apply down-pressure to the wings.
  8. Keep the Main/Inner Wings switch in Field Position if using folding gauge wheels.

## Set Down-Pressure



- IMPORTANT:** Toolbar down-pressure (F) should be 700 PSI – 1000 PSI. Down pressure should never exceed 1500 PSI.
- CAUTION:** Monitor the pressure gauge (F) while in use. Do exceed 1500 PSI.

1. Lower the row units to the ground while sitting still with SCV I in continuous down.

2. Loosen the lock ring (H) on the valve.
3. Adjust the down-pressure to the initial setting by turning the knob (G) on the Main Wing's down-pressure valve (I).
  - a. Tighten to increase pressure,
  - b. Loosen to decrease pressure.
4. Once set, lock the adjustment with the lock ring.
5. Make a trial pass in the field. If coulter-to-ground engagement is not satisfactory, adjust hydraulic pressure as needed.
6. If equipped, use the Flip Wing down-pressure valve (J) in the same manner to adjust the Flip Wings' down-pressure.

## Fold the Toolbar

1. Pull SCV I rearward to raise the toolbar.
2. Pull SCV II rearward to continuous mode.
3. Hold the Flip Wings switch (C) in Transport Position to fold the Flip Wings (if equipped).
4. Hold the Latches switch (B) in Raise/Transport Position to unlock the Main Wings.
5. Hold the Main/Inner Wings switch (A) in Transport to fold the Inner Wings into rest.
6. Hold switch (D) down until wings are fully lowered onto the rest supports.
7. Disengage SCV II and install all Transport Cylinder locks on both Main Lift cylinders.

**WARNING:** Only use the DOWN IN REST switch (D) to lower the Main Wings onto the Transport Rests. This switch lowers the Main Wing by relieving pressure back to tank. Damage to the Transport Rest will occur if the Main Wings are lowered to the Transport Rests using the LATCH/INNER WINGS switch (B) in the LOWER position.



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## Toolbar Raising and Lowering Speed Adjustment

**▲ IMPORTANT:** Always keep the implement in forward motion when lowering the Toolbar to minimize side-load on coulters.

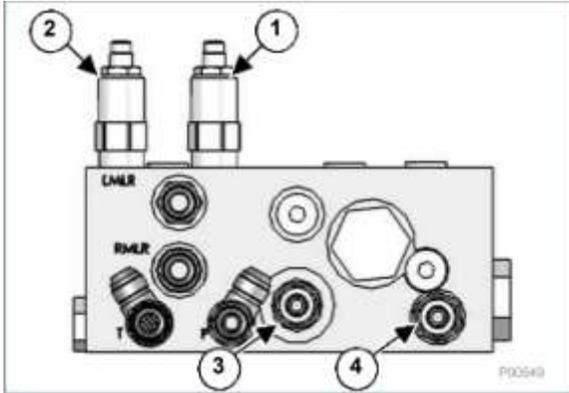


Figure 1: Lift assist block

The correct setting has the caster wheels fully extended before the Center Section is fully raised. Flow to the caster wheels is shut off when the Center Section is fully raised.

Table 1: Lift assist block operation (CW = clockwise)

ITEM	FUNCTION	START AT.
1	Increase <b>down-pressure</b> (turn CW) for Outer/Flip Wings	1200 PSI
2	Increase <b>down-pressure</b> (turn CW) for Inner/Main Wings	250 PSI
3	Increase Center Section's <b>raise rate (turn CW)</b>	700 PSI – 1500 PSI
4	Increase Outer/Flip Wing <b>drop rate (turn CCW)</b>	700 PSI – 1500 PSI