



## Fast DuraPlacer LA Liquid: Quick Start Guide

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### Initial Hydraulic Setup

- Tractor SCV 1 – Main Lift Trailer – Grey hoses – Set hydraulic flow to 100%
- Tractor SCV 2 – Lift Assist/Wing Kick – Set hydraulic flow to 70% - adjust to set raise & lower timing – must always be used simultaneously with SCV 1
- Tractor SCV 3 – Hydraulic Fold Block – Green hoses – Set hydraulic flow to 80% - run in constant flow
- Tractor SCV 4 – Liquid Pump (if equipped) – Red hoses – Set hydraulic flow to 30% - increase/decrease as needed to maintain desired application rate/pressure – run in constant flow. Ensure product is in tank and valves allow flow to pump before operating.
- Tractor SCV 5 – Front Hitch – Tan hoses – Set hydraulic flow to 10% - 20%

### Hydraulic Hitch Operation

*\*Note: Some Fast DuraPlacers are equipped with a hydraulic hitch with their own set of hydraulic hoses. The section used to operate the hitch should have the flow settings lowered to allow minute adjustments of the jack. A ball valve is plumbed into the base end of the hitch cylinder to be closed when stored.*

### Unfold to Field Position

1. Connect Main Lift hoses (Grey), Lift Assist/Wing Kick, Hydraulic Block hoses (Green), and Front Hitch hoses (Tan) to tractor SCVs.
2. Double check the field latch cylinder on top of the front end of the tongue is fully retracted and the latch hook is not engaged. If field latch cylinder is not fully retracted, activate extend on the Hydraulic Fold Block section and toggle the Fold Box (Yellow) 'Latch' switch UP to Transport until it is fully retracted.
3. Extend/Raise Main Lift and Lift Assist/Wing Kick simultaneously, SCV 1 & 2, to ensure the trailer and lift assist cylinder are pressurized and fully raised.
4. Retract the front hitch cylinder, SCV 4, to lower the front hitch to the point the top of the tongue tube is 1" below the wing transport hook plates over the tongue.
5. Activate extend on Hydraulic Fold Block section if it hasn't been already.



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6. Ensure the (Blue) Fold Box switch is DOWN
7. Ensure tractor is in NEUTRAL transmission position while folding in/out the inner wings. Operator is responsible for ensuring the tractor and DuraPlacer are clear of any obstructions.
8. Press Fold Box 'Inner Wing' switch (Green) DOWN to field until the wings are perpendicular to the tongue and the outer tongue tube is all the way forward and solidly contacts the physical hard stop at front of the tongue.
9. Press Fold Box 'Latch' switch (Yellow) DOWN to field until latch is engaged. *\*Note: Ensure Outer tongue tube has bottomed out solidly against inner tongue tube at the front end of the tongue tubes or damage may occur.*
10. Press Fold Box 'Outer Wing' switch (Grey) DOWN to field until the outer wings are fully unfolded.
11. Retract Main Lift and Lift Assist/Wing Kick simultaneously, SCV 1 & 2, to lower the center section and wings to achieve desired row unit depth.

### Fold to Transport Position

1. Extend Main Lift and Lift Assist/Wing Kick simultaneously, SCV 1 & 2, to raise the center section, lift assist, and wings fully.
2. Press Fold Box 'Outer Wing' switch (Grey) UP to transport until the outer wings are fully folded.
3. Press Fold Box 'Latch' switch (Yellow) UP to transport until latch is fully disengaged.
4. Ensure the front hitch is lowered some so the wing transport hook plates will be 1" above the tongue tube when the wings fold in.
5. Ensure tractor is in NEUTRAL transmission position while folding in/out the inner wings. Operator is responsible for ensuring the tractor and DuraPlacer are clear of any obstructions.
6. Press Fold Box 'Inner Wing' switch (Green) UP to transport until the wings are folded parallel to the tongue, with the wing rest hooks above the tongue tube. Operator needs to monitor the position of the tongue tube in relation to the transport hook plates as the inner wings fold in to keep the tongue tube roughly 1" below the hook plates. Positioning the tongue tube much lower than 1" or not low enough to clear the transport hook plates may cause damage while folding.
7. Fully extend the front hitch cylinder to completely raise the unit for road transport and raise the lift assist wheels off the ground.

### In Field Operating Instructions

1. Recommended Hydraulic Settings:
  - SCV 1 – Main Lift – run in constant when row units are in the ground – flow set to 100%
  - SCV 2 -- Lift Assist/Wing Kick – run in constant when row units are in the ground – flow set to 70% and increase/decrease to achieve desiring timing with the trailer during raising and lowering the toolbar
  - SCV 3 – Hydraulic Fold Block – run in constant when row units are in the ground – flow set to 80%
  - SCV 4 – Liquid Pump (if equipped) – Set hydraulic flow to 30% - increase/decrease as needed to maintain desired application rate/pressure - run in constant flow. Ensure product is in tank and valves allow flow to pump before operating.
  - SCV 5 – Front Hitch (if equipped) – flow set to 10% - 20%



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2. Run SCV 1 & 2 in constant when making headland turns.
3. Hydraulic down-pressure – recommended range = 500 – 1500 psi (green colored area). Lift Assist/Wing Kick (SCV 2) needs to be engaged in Retract/Lower position to activate hydraulic circuit.
  - Set down-pressure to 500psi and adjust as conditions require
  - *Actual down-pressure will vary depending on operating conditions*
  - Kick Up Pressure should read 0 psi with toolbar in ground

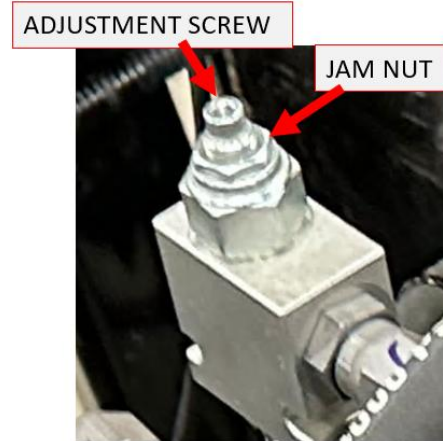


WING HYDRAULIC DOWN-PRESSURE AND KICK UP PRESSURE  
ADJUSTMENT AND GAUGES ON TOP OF TONGUE

4. Hydraulic Kick-Up Pressure – recommended ranges listed below dependent on machine configuration. Lift Assist/Wing Kick (SCV 2) and Main Lift (SCV 1) both need to be engaged in Extend/Raise position to activate hydraulic circuit. Kick-Up pressure is to transfer some weight from the lift assist wheels onto the trailer, however, the lift assist wheels should remain on the ground.
  - 550-850psi for 60ft with Yetter Strip Fresheners
  - 250-550psi for 40ft with Yetter Strip Fresheners
  - 1400-1750psi for 60ft with Dawn Pluribus
  - 1000-1350psi for 40ft with Dawn Pluribus
5. Adjusting the Wings so the row units hit the ground evenly across the toolbar.
  - Adjust the hydraulic flow setting for SCV 2 to achieve desired timing with the trailer for raising and lowering the toolbar.
  - The toolbar has adjustable orifices on the base and rod ends of both Lift Assist Cylinders.
    - Use a 1/2" wrench to loosen the jam nut on the orifice and turn the adjustment screw CW with a 1/8" Allen wrench to speed up the cylinder movement
    - Use a 1/2" wrench to loosen the jam nut on the orifice and turn the adjustment screw CW with a 1/8" Allen wrench to slow down the cylinder movement
  - If one wing is lowering faster than the other side, adjust the fast side base end orifice CW to slow down the lowering on just that side of the toolbar
  - If one wing is raising faster than the other side, adjust the fast side rod end orifice CW to slow down the raising on just that side of the toolbar



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### 6. Setting row unit depth

- Yetter Strip Freshener row units should be adjusted per the Yetter Strip Freshener CC Quick Start Guide
- Dawn Pluribus row units should be adjusted per Dawn guidelines
- Set gauge wheels to preferred row unit depth on plane through row units
- Due to tractor compaction the center section row units may need to run slightly deeper
- Cylinder stops should be installed on the Trailer Main Lift cylinders and Lift Assist cylinders to set your desired depth