

# STRAWMASTER PRO QUICK-START GUIDE \*



\* Refer to operators manual for complete safety and operation info.

## A Connect Hydraulics

① HARROW LIFT CIRCUIT... Harrow Lift Cylinders

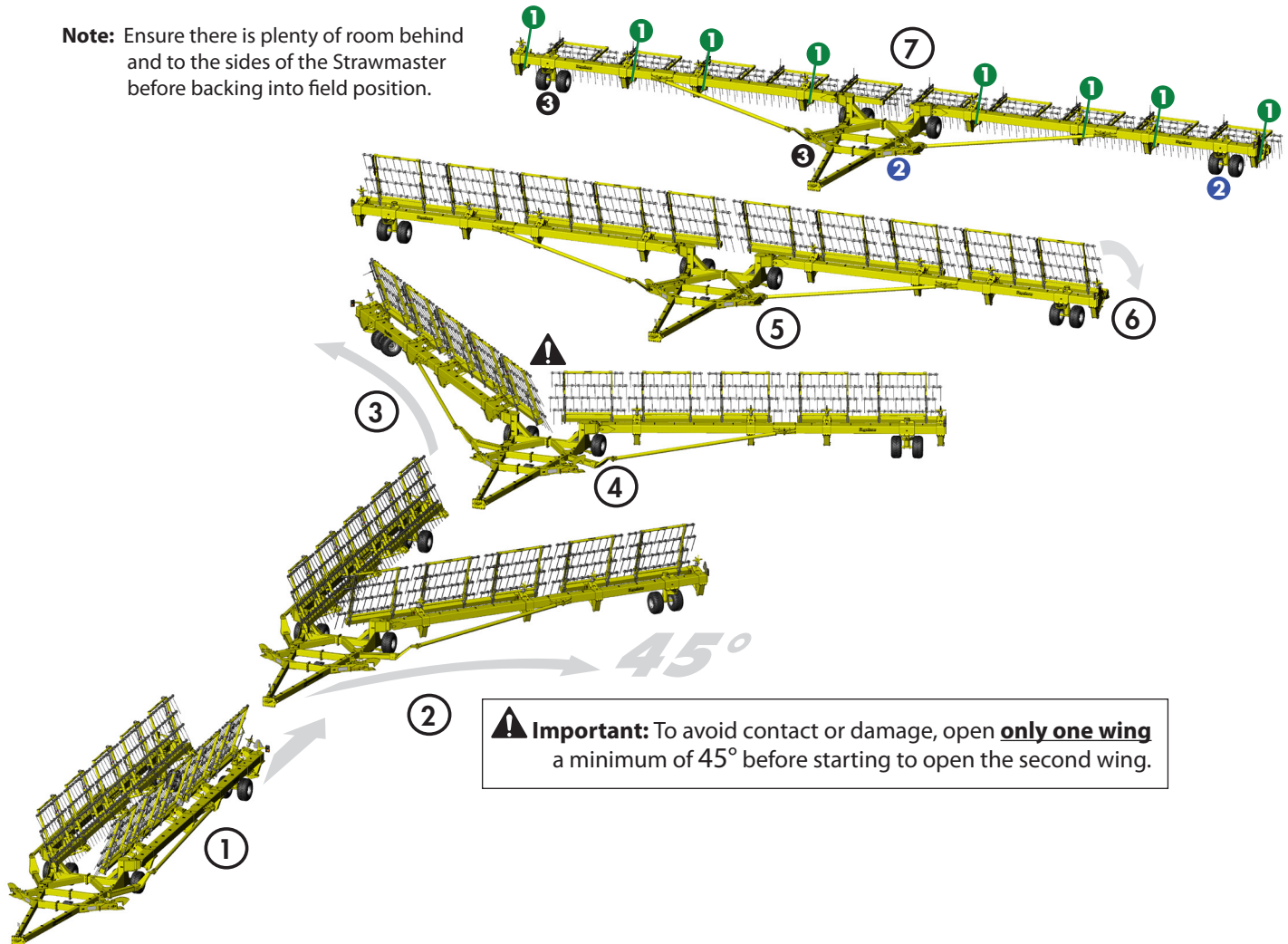
② LEFT WING CIRCUIT..... Endwheel & Left Latch

③ RIGHT WING CIRCUIT..... Endwheel & Right Latch

Caution: Before working in field, lock the function for both the Left ② and Right ③ Wing Circuits to avoid accidental operation.

## B Backing Into Field Position

**Note:** Ensure there is plenty of room behind and to the sides of the Strawmaster before backing into field position.



1) Remove Transport Locks from the 8 Wing Beam connections and 2 Endwheel locations.

2) Slowly Back-up Strawmaster Assembly while extending the Endwheel steering cylinder on **only one wing** to spread the wing partially open to a **minimum of 45°**.

**! IMPORTANT:** To avoid contact of harrow sections between the wings while unfolding.

3) When the first wing has been unfolded 45° or more, you can start extending the Endwheel steering cylinder on the second wing.

4) When the autofold swing arms are close to closing you can activate the endwheel cylinder circuit again to open the latch clamp.

5) When the swing arms are in position, this circuit can be activated again (fully extended) to close the clamps.

**Note:** If Latches have been left in the down position, the Swing Arms can also be engaged by allowing the Swing Arms to ride into the Latches and “click” into engagement.

**Caution:** Lock hydraulic functions for both wing circuits before working in field to avoid accidental operation while in use.

6) Lower the Harrow Sections down fully into field position.

### Adjustment Settings

7) Adjust settings for light or aggressive harrowing.

8) Adjust Tine Angle as needed.

9) Adjust Parallel Angle as needed.

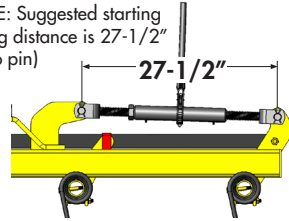
143359 v1.0

## C Setting Tine Angle, Pressure & Frame

### Tine Angle Adjustment

There are no standard angles for running the tines, the operator may adjust the tine angles as needed to achieve desired results.

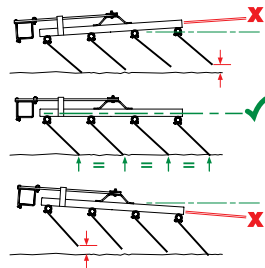
(NOTE: Suggested starting setting distance is 27-1/2" pin to pin)



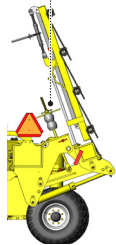
### Parallel Adjustment

For initial setup and each time after you make adjustments to the harrow tine angles, you should check and ensure that the harrow frame sections are running parallel to the ground.

(Check that the front rows and back rows are applying equal pressure)



1 - Lift harrow sections to relieve tension on springs.



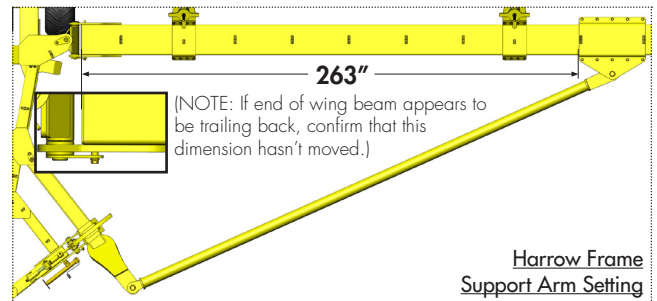
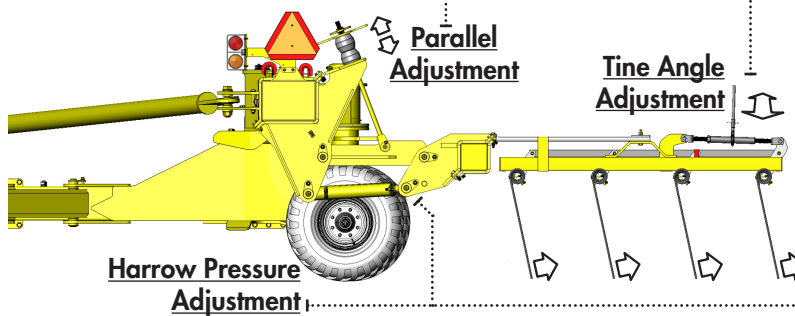
2" or 3"

2 - Loosen top Jam nut arm to allow adjustment.

3 - Adjust bottom arm as needed.

(NOTE: A suggested starting distance, from top of rod to top of lock nut is 3" for Light harrowing or 2" for Aggressive harrowing. Increasing this distance will raise front of the harrow section, decreasing will lower it.)

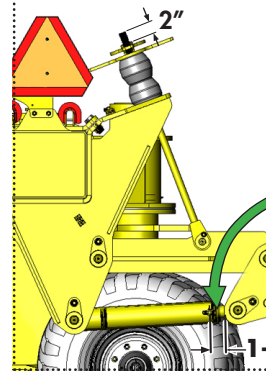
4 - Re-tighten top Jam nut arm.



Harrow Frame  
Support Arm Setting

### Harrow Pressure Adjustment

#### Aggressive Harrowing Setting

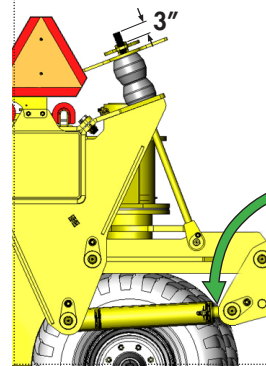


#### Hydraulic Lock Cylinders

- Parallel Adjustment setting should be set to 2".
- Fully close harrow cylinders, then slowly open until 1-1/2" of rod is exposed.

1-1/2"

#### Light Harrowing Setting



#### Cylinders in Float Position

- Parallel Adjustment setting should be set to 3".
- The harrow cylinders should be set to float position.



### Maintenance

(Check Machine Daily)

- Check for missing, worn or damaged parts.
- Working points & pins

- Hydraulic Connections & Hoses
- Hubs & Spindles

\* Refer to operators manual for complete safety and operation info.

## D Moving Into Transport Position

- 1) Raise the Harrow Sections up fully into transport position.
- 2) Activate the endwheel cylinder circuit to open the latch clamp on **only one wing**.
- 3) Drive forward until wing trails back **approximately 45°**.
- 4) Activate the second endwheel cylinder circuit to open the latch clamp on the opposite wing.
- 5) Drive forward slowly until both wings trail behind the center frame. Ensure end wheel cylinders are fully retracted.

**⚠ IMPORTANT:** Do not drive quickly when positioning wings or the wings may collide with each other.

- 6) Engage Transport Locks on all 8 Wing Beam connections and at both Endwheel locations.
- 7) Ensure lights are working and SMV sign is clean. Follow all local transport laws when transporting.