

QUICK-START GUIDE* for STRAWMASTER+

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



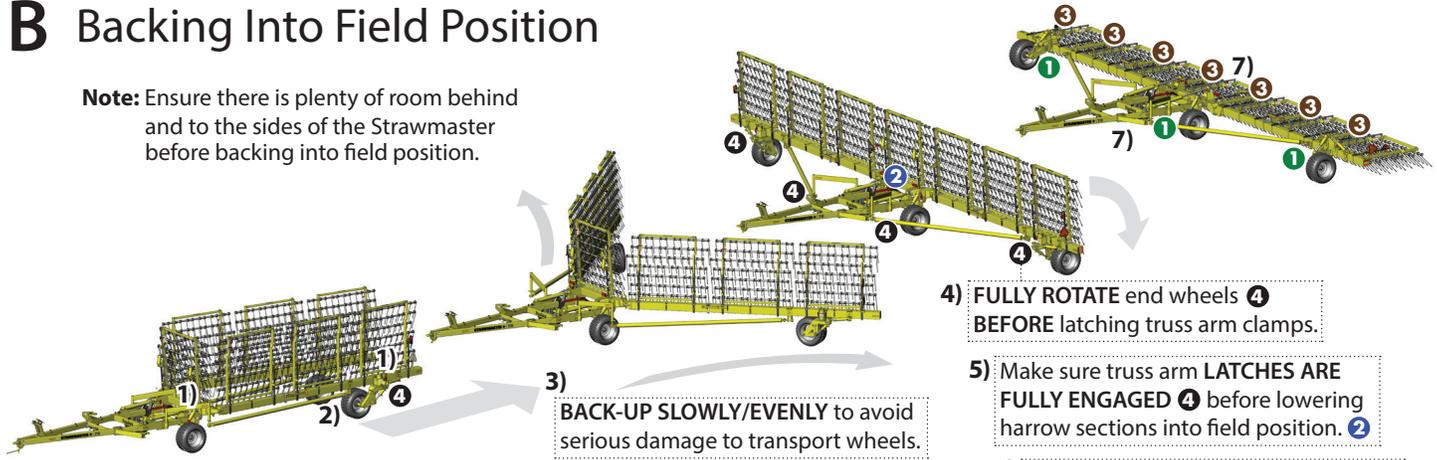
A Connect Hydraulics

- 1 WHEELS..... Wheel Height Cylinders
- 2 TRANSPORT..... Transport Cylinders
- 3 TINE ANGLE (Option)..... Harrow Section Cylinders
- 4 LATCH & ENDWHEEL..... Latch/Steering Cylinders

IMPORTANT: Before working in field, lock the function to avoid accidental operation.

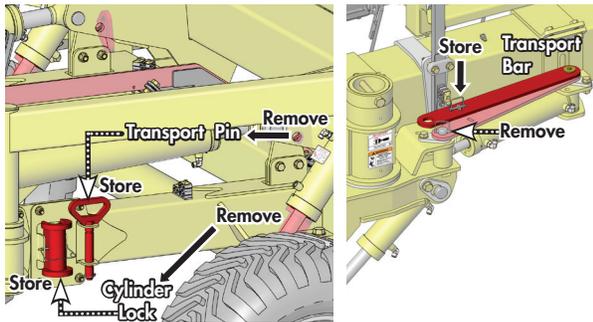
B Backing Into Field Position

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

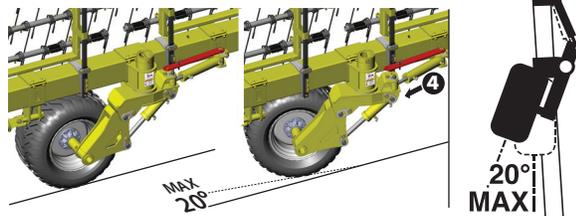


- 4) FULLY ROTATE end wheels 4 BEFORE latching truss arm clamps.
- 5) Make sure truss arm LATCHES ARE FULLY ENGAGED 4 before lowering harrow sections into field position. 2
- 6) When lowering harrow sections, keep TRAILER HEIGHT AT MAXIMUM. 1

1) Remove the front Center Beam Transport Pins (2), Cylinder Lock Bars (2), and Endwheel Transport Bars (2) and place in storage locations.



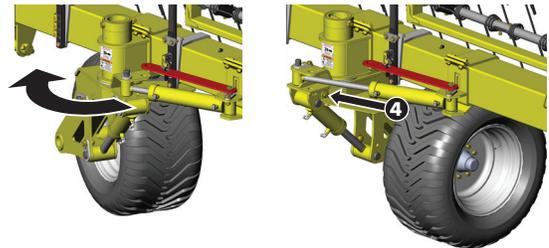
2) Activate the steering cylinders to slightly angle open the transport wheels, but no more than 20°.



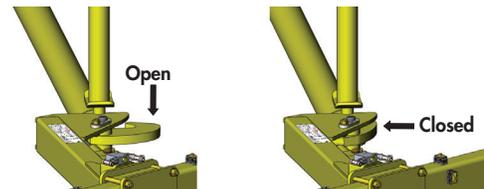
3) Back-up slowly. The wings will open up. Ensure there is lots of room behind and to the sides. Back-up evenly so you don't damage the transport wheels.

IMPORTANT: Be sure to back-up evenly to avoid serious damage to the transport wheels and/or the hydraulic system.

4) As wings are almost fully opened, FULLY ROTATE the end wheels into field position BEFORE completely open.



5) Activate the LATCH hydraulics to fully secure the truss arms into place. Make sure truss arm LATCHES ARE FULLY ENGAGED before lowering harrow sections into field position.



IMPORTANT: To prevent serious damage, ensure both latches have fully engaged and then LOCK-OUT the Latch & Endwheel circuit before operating. 4 →

6) Ensure the TRAILER HEIGHT is raised to MAXIMUM 1 and then lower the harrow sections into field position using the Transport Cylinders. 2

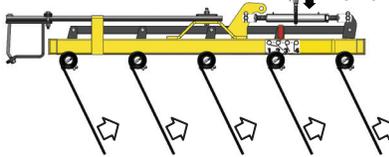
7) Adjust Tine Angle and Trailer Height settings.

C Setting Tine Angle, Pressure & Frame

Tine Angle Adjustment

Strawmaster+ may have either **Manual** or **Hydraulic** Tine Adjustment.

Note: Actual settings will vary with tine wear. Ensure trailer and frame are leveled properly. (Refer to Height Adjustment)



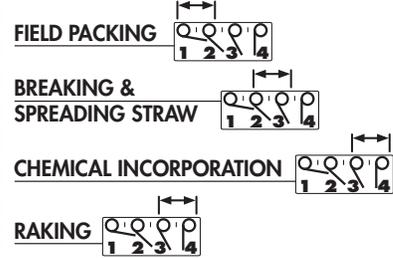
Manual models - Use the manual jacks located on each harrow section. Start at one end, set as desired. Set all the other sections to the same setting. (Manual shown)

Hydraulic models - Retract rephasing tine angle cylinders to raise tines. Extend cylinders to lower.

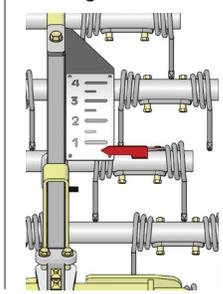
Hydraulic models - Re-synchronize the tine section cylinders by fully extending the rephasing cylinders and holding for 30 seconds. This should be repeated a few times daily or as needed, especially in hilly conditions. Refer to manual for more information.

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

Some *suggested* tine angle settings are shown, adjust as required:



Tine Angle Indicator

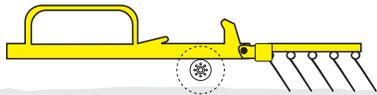


Refer to *Operator's Manual* for more suggested tine angle setting info.

Trailer & Wing Beam Height Adjustment

After Tine Angle Adjustment is complete, adjust wheel height until trailer frame is parallel to the ground. If needed, clevis height may be adjusted.

When set level with harrows...



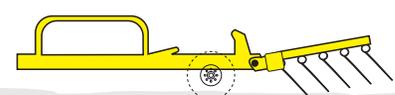
Front & back tines **apply equal** pressure

When set higher...



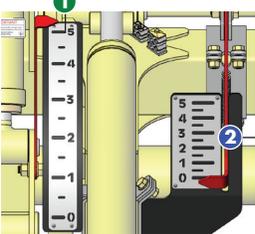
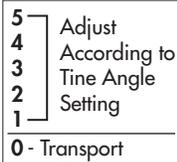
Front tines **apply less** pressure

When set lower...



Front tines **applying more** pressure

Trailer Height Indicator... **NOTE:** The trailer height indicator reads "0" when fully raised and "5" at the lowest height. This is adjusted with the "Wheel Height Cylinders". ①



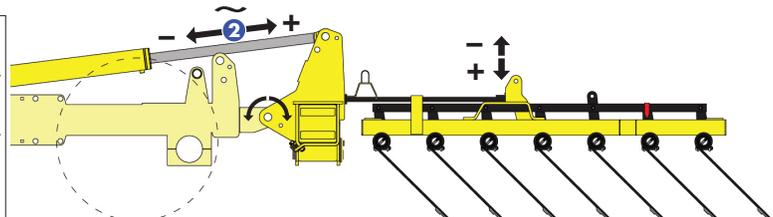
Center Beam Torque Adjustment

NOTE: The applied beam torque shown on the indicator is adjusted by applying (+) or reducing (-) pressure with the Transport Cylinders. ②

This circuit can also be placed into Float (~) for better contouring in hills or uneven ground.

Beam Torque Indicator

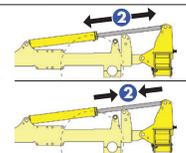
5	Maximum Pressure
4	(Light Tillage)
3	Normal Harrowing
2	
1	Minimum Pressure
0	(Spread Chaff & Residue)



Remember When Operating:

- Straw should be dry.
- A speed of 8 to 12 MPH (12 to 16 KPH) is suggested to efficiently shatter and spread straw and residue.
- The harrow sections can be set in Float Position (~), where the section drags the ground under its own weight.

- If machine leaves small clumps of straw, apply slight down pressure by extending Transport cylinders.
- If machine leaves large clumps of straw, reduce down pressure by retracting the Transport cylinders and reducing the tine angle.



Maintenance

(Check Machine Daily)

- Check for missing, worn or damaged parts.
- Working points & pins
- Tire Pressure: 41 PSI (283 kPa)
- Hydraulic Connections & Hoses
- Hubs & Spindles
- Grease Swing Arms
- Grease Truss Ball Joints
- Grease Endwheel Turrets (25hrs)
- * Refer to operators manual for complete safety and operation info.

D Moving Into Transport Position

- 1) When placing machine into Transport position, keep the Trailer Height at Maximum. ①
- 2) Operate the transport hydraulics ② to fully raise the harrow sections.
- 3) Fully Rotate the endwheels ④ before driving forward. The wing beams should fold back into transport position.
- 4) Install all frame transport pins (2), cylinder lock bars (2), and endwheel transport bars (2).

⚠ IMPORTANT: Endwheel transport bars **MUST** be installed during transport.

- 5) Ensure SMV sign and reflectors are clean and lights are working. Follow all local transport laws when transporting.