

QUICK-START GUIDE* for STRAWMASTER

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



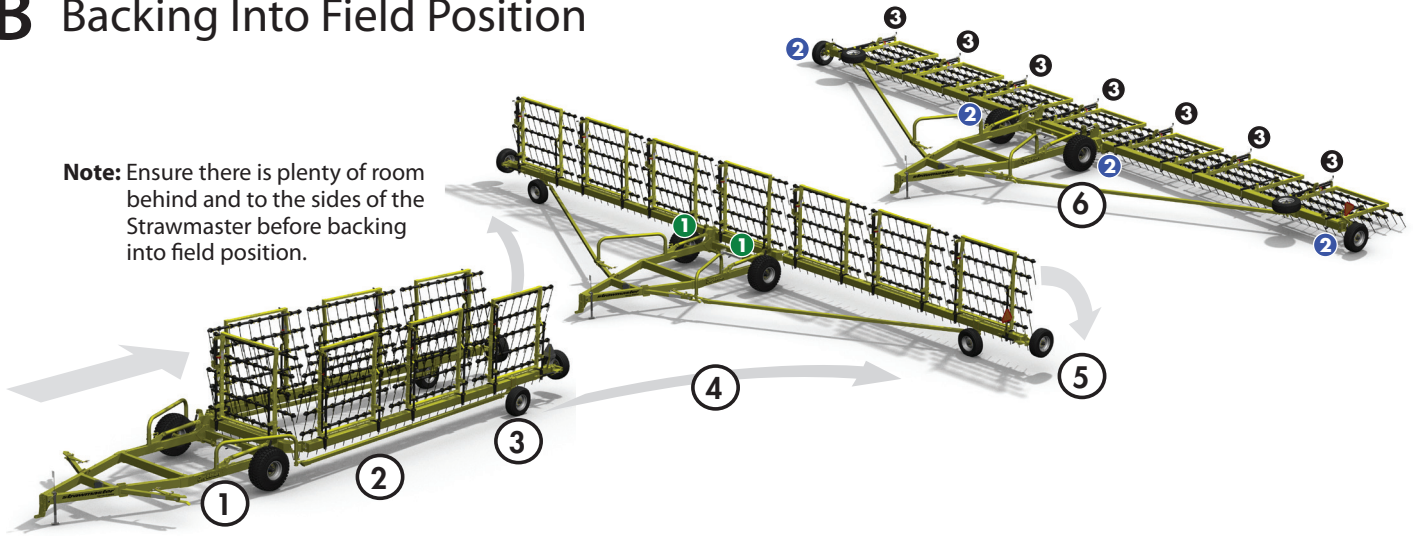
A Connect Hydraulics

- ① AUTO-FOLD LIFT CIRCUIT...Harrow Lift Cylinders
- ② HYDRAULIC LIFT CIRCUIT.....(Optional)
- ③ REPHASING TINE ANGLE CIRCUIT....(Optional)

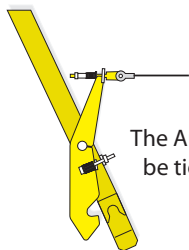
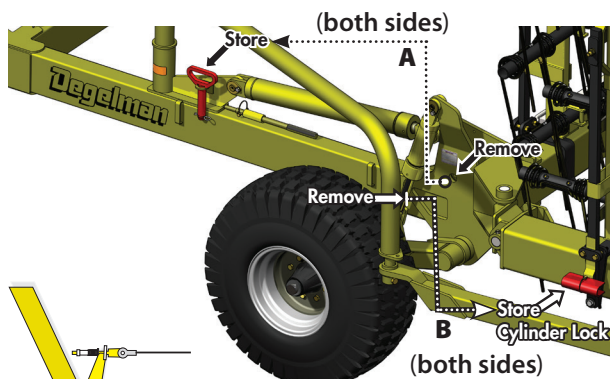
Note: These hydraulic options are not included on all models. Manual adjustment will be required if they are not installed.

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.

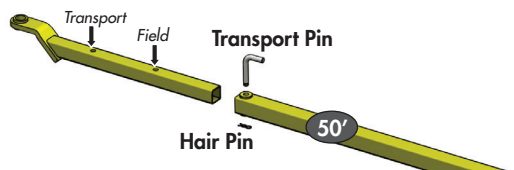


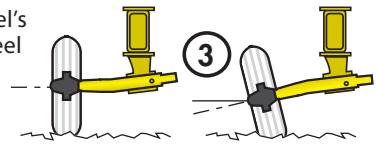
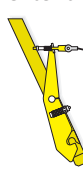
- 1) Remove Transport Frame Pins (A) and place in holders. Note: Hydraulic models have both frame and cylinder transport pins (B).



The Auto-Fold Cables should be tight and the latch in the open position.

- 2) The 50' model has a telescopic truss beam. Move out into field position and secure with pin. All other models have a fixed length truss arm.



- 3) Turn the transport wheel's spindle over so the wheel leans out (both sides). 
- 4) 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 backup evenly to avoid serious damage to the transport wheels.
- 5) With wings fully opened, lower harrow sections to the ground by extending the auto-fold lift cylinders. ①  The Auto-Fold cable will loosen and the auto-fold latch should close on the swing arm pipe.
- 6) If the auto-fold latch(s) still haven't closed, slowly back up just a bit more. It should then snap shut and be fully engaged.

⚠ ATTENTION: Before driving forward make sure both latches have fully engaged or serious damage to the machine will result.

Adjust Settings

- 7) Adjust settings for light or aggressive harrowing.
- 8) Adjust Tine Angle as needed.
- 9) Adjust Height Adjustments as needed.

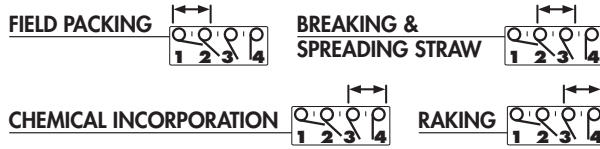
C Setting Tine Angle, Pressure & Frame

NOTE: Strawmaster can have either manual or hydraulic adjustment. Trailer height & tine angle are set by either ratchet/sidewind jacks or hydraulics.

Tine Angle Adjustment

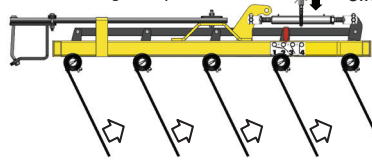
There are no standard angles for running the tines, the operator may adjust the tine angles as needed to achieve desired results.

The following are *suggested* tine angle settings only, adjust as required:



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

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)

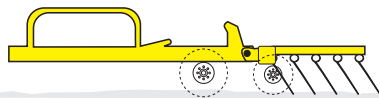
Hydraulic models - Retract rephasing tine angle cylinders to raise tines. Extend cylinders to lower.

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.

Trailer Height Adjustment

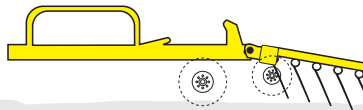
Hydraulic or Manual (with the use of two ratchet jacks, located on trailer wheel arms)

When trailer height is **set correctly**, it will be even with harrows and...



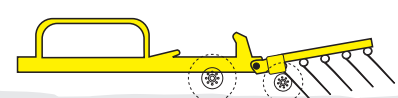
Front & back tines **apply equal** pressure

If trailer is **too high**...



Front tines **not applying** pressure

If trailer is **too low**...



Front tines **applying too much** pressure

To manually adjust trailer height:

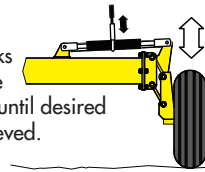
- Begin with the machine in field position. Make sure the tine angle has been set (if necessary).
- Using the ratchet jack handle for adjustment, adjust ratchet jacks evenly until tines are set to the desired height.
- When adjustments are complete, check that the trailer frame is parallel to the ground.
- If not, adjust clevis height and re-check. Repeat if necessary.

Wing Beam Height Adjustment

- The Wing beams and Center beam should be at the same height, parallel to the ground.
- Adjust the wing beam height when the tine angles are adjusted, the trailer height is adjusted, or as the tines wear down.

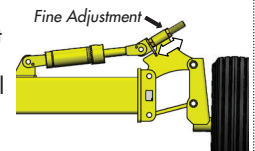
Manual models:

Use the manual jacks to raise or lower the wing beam section until desired height/level is achieved.



Hydraulic models:

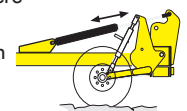
Adjust the fine adjustment rod located on the top of the endwheel linkage until desired height/level is achieved.



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 clumps of straw, apply slight down pressure by extending hydraulic lift cylinders.



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) Turn the transport wheel's spindle over so the rear transport tires will be completely upright (**both sides**).
- 2) Operate the lift hydraulics ① to fully raise the harrow sections.
- 3) Carefully drive forward. The wing beams should fold back into transport position.
- 4) Install the frame transport pins (both sides). On hydraulic models, also install the cylinder transport locks (both sides).
- 5) On the 50' model with a telescopic truss beam, shorten length into transport position and secure with pin.
- 6) Ensure SMV sign and reflectors are clean and lights are working. Follow all local transport laws when transporting.

