

# QUICK-START GUIDE\* for MANURE SPREADER

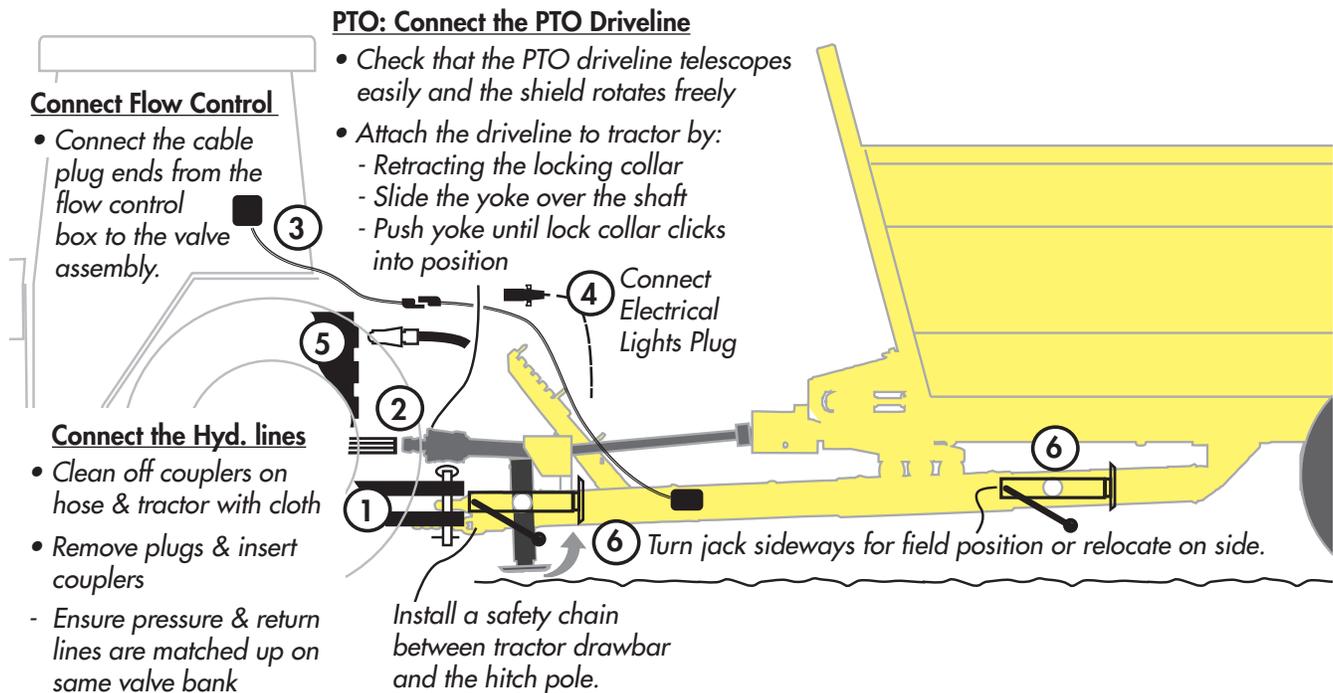
\* Refer to operators manual for complete safety and operation info.



## A Hook-up to Manure Spreader

**NOTE:** Stop the tractor engine, place all controls in neutral, set park brake before dismounting.

1. Connect and properly secure to tractor drawbar.
2. Connect PTO driveline to tractor.
3. Connect the Flow Control cable plugs.
4. Connect the Electrical Light plug.
5. Connect the Hydraulics. **① CHAIN CONVEYOR CIRCUIT.....Hydraulic Motor**  
**② GATE LIFT CIRCUIT.....Rear Gate Cylinders**
6. Raise, adjust hitch jack 90° to storage position, or relocate to alternate side storage location.



## B Loading the Manure Spreader

1. Fully close the rear hydraulic gate.

**NOTE:** - Always check the floor drag chain and slats to make sure they are not frozen to the bottom of the bed.  
- It is recommended to make sure chains and table floor are operating properly before loading the spreader.

2. Load the Spreader.

**NOTE:** - The moisture content will determine how full it can be loaded. Refer to the specifications for capacity.  
- Do not heap load such that manure is allowed to fall off spreader during transporting on roadways.  
- Solid manure can generally be loaded level to slightly heaped. High moisture materials may limit loading.  
- Use front mesh cover when loading wet, slurry materials. When spreading coarser material, mesh cover may be removed for visibility, if desired.

## C Unloading/Operating the Manure Spreader



**IMPORTANT:** For customers with John Deere tractors, to reduce the risk of damaging your M28/34 driveline clutches, please contact your local JD Dealer regarding PTO calibration and Soft Start settings on tractor.

1. Start up the rear beaters (PTO) and bring up to speed. ....
2. Fully open rear gate all the way to the top ②.
3. Start the table floor: Turn on Control Box. Turn on the hydraulics ① used to start the table floor moving. Adjust speed with the Flow Control Dial. (A typical starting speed on the flow control dial is 40, based on spreading cattle manure. Operators may wish to slow this down a bit depending on preference or material being spread.)



**NOTE:** - A slower speed results in a finer spread as the beaters have more time to process the material.  
- At the end of the day, turn off the Control Box power switch to prevent possibility of battery drain.

4. Travel Speed: - A suggested starting speed is between 4-5 mph. This can be adjusted to operator preference. The effective spread is roughly 60ft (although thinned out material may cover distances of up to 100ft).
5. IMPORTANT: Lower Gate as Load Decreases ②

**DANGER:** When the load decreases, it is strongly recommended to lower the rear gate about 1/3 of the way down to prevent debris from being projected towards the front. (Normally, the load itself blocks possible manure and loose materials from being thrown towards the front. As the load/pile gets reduced, the rear beaters may throw some material forward.)



## D Unplugging the Manure Spreader

1. Stop the table floor: Disengage the hydraulics that run the table floor chains and turn off flow control box.
2. Lower RPM: After PTO clutch dis-engages, lower RPM below 500 RPM in order for it to re-engage.
3. Reverse the Table Floor Direction: Reverse the hydraulics used to start the table floor moving in order to back material away from beaters. Stop table after material is backed away from beaters or if pile doesn't move.
4. Re-start Beaters: Bring beaters back up to regular speed.
5. Start table floor chain: Re-start table floor movement by turning the hydraulics on in the proper direction.

**NOTE:** If this does not solve the situation, a closer inspection and manual unplugging may be required.

**DANGER:** Stop the tractor engine and wait for all moving parts to stop before servicing or unplugging.



**Maintenance**  
(Check Machine Daily)

- Check for missing, worn or damaged parts.
- Drivelines, PTO, working points & pins
- Hydraulic Connections & Hoses
- Tires, Hubs & Spindles

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