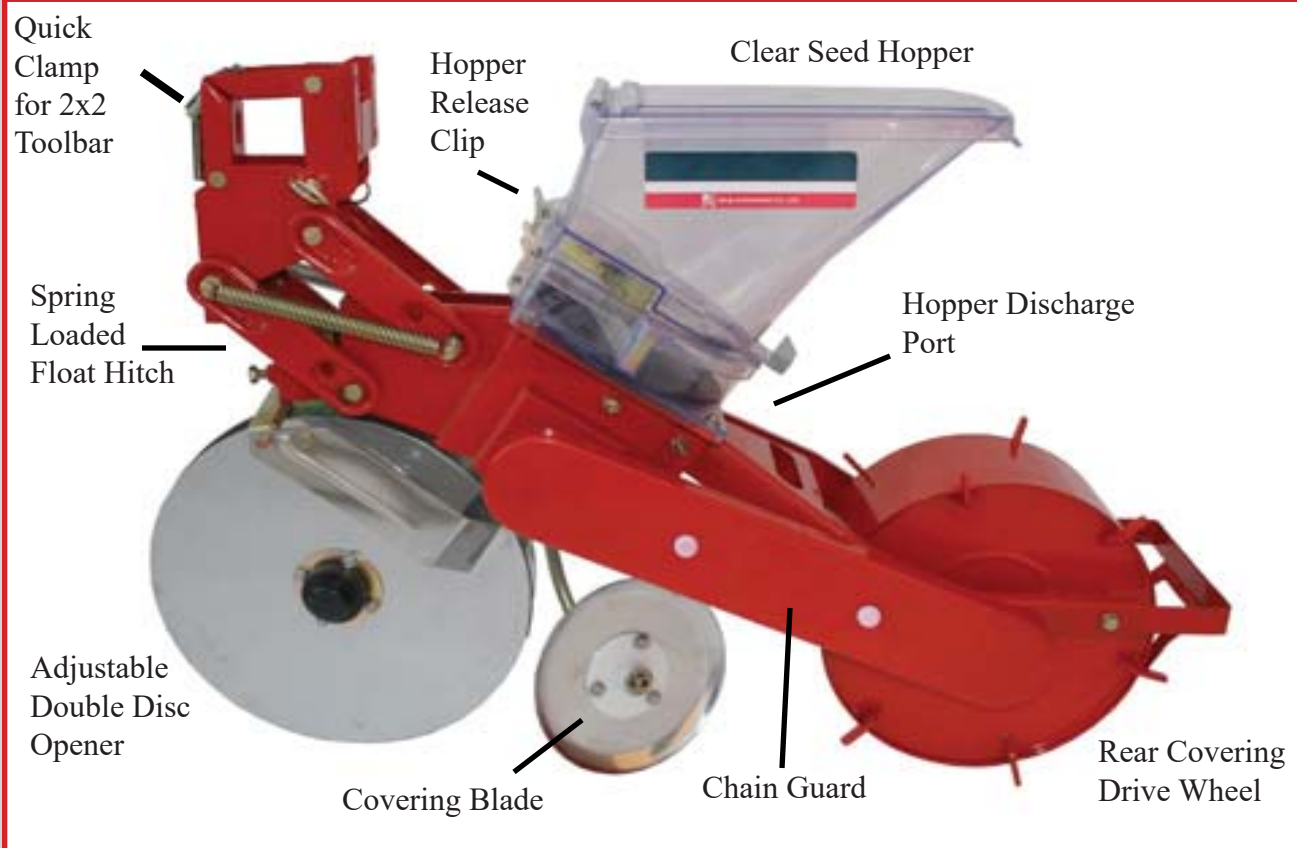


# CLEAN SEEDER OPERATION MANUAL

## MODEL TDR-U

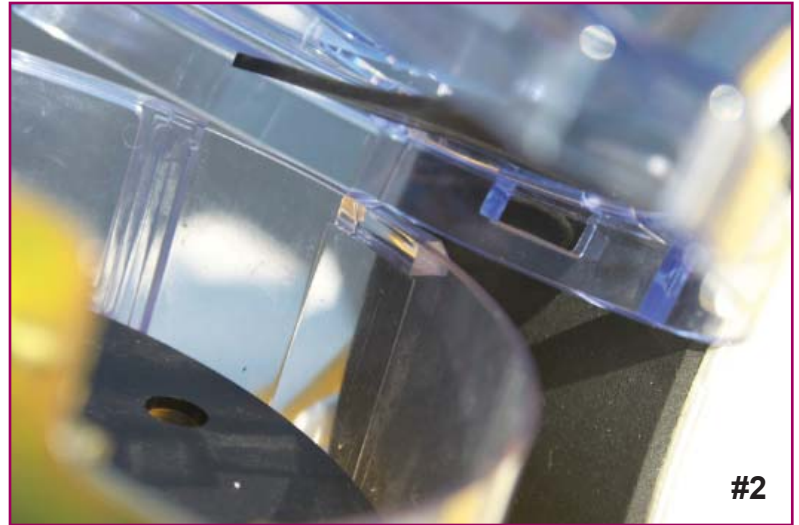
Please read this manual carefully before operating the seeder



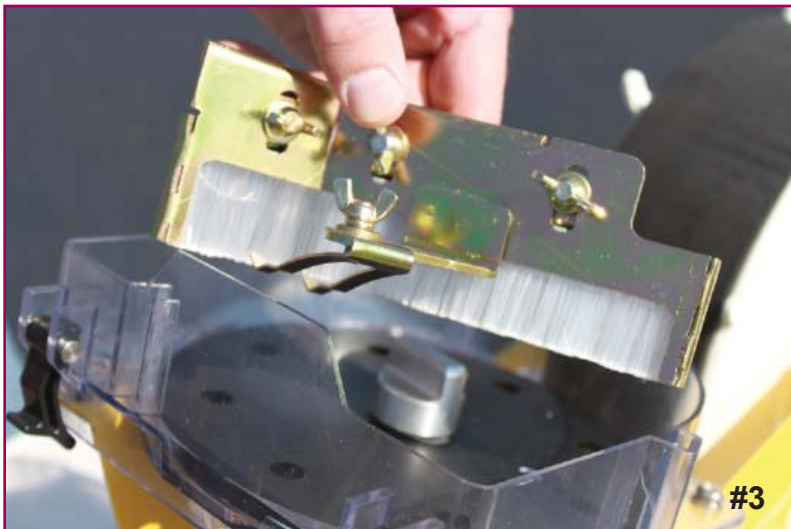
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1150 Central Avenue \* Holland, Michigan 49423  
Phone: 616-396-8738 \* Fax: 616-396-3619

# ASSEMBLY & OPERATING INSTRUCTIONS

1. Check box for the seeder, a package of sprockets and your selected seed plates.
2. Attach seeder to 2x2" toolbar at desired row spacing. Spring loaded hitches should be engaged about 1/2 way for planting. Note: Planting speed is ideal at about 2 m/h - 2.7m/h max.



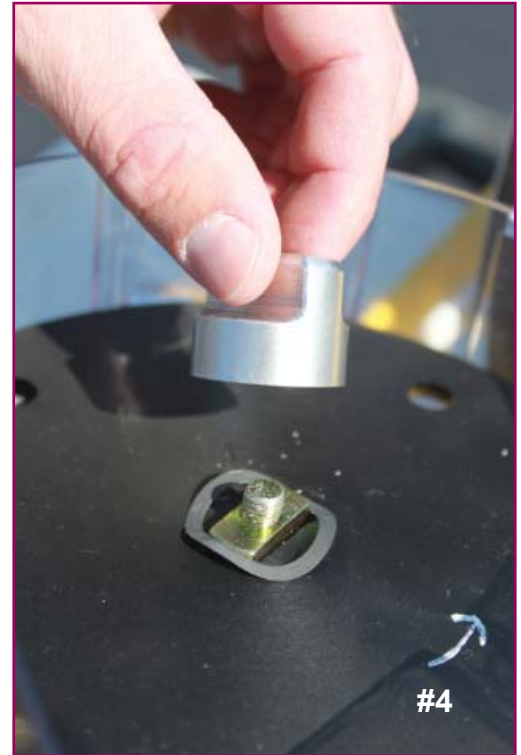
3. Remove the hopper by pushing the two black release clips down on back of hopper. (Photo 1) Slide the hopper forward to release the hopper from the front plastic tab. Be very careful when doing this or you can force the hopper up causing a break in the slot in front of the hopper. (See Photo 2)



4. Remove the brush assembly by just lifting it up and out. The brushes can be adjusted up or down by loosening the wing nuts. (Photo 3)

5. To install or remove seed plate, loosen the large thumb screw. If installing the seed disc, make sure the arrow is on top. Spring washer must be placed on top of the seed plate before replacing the thumb screw. (Photos 4 & 5)

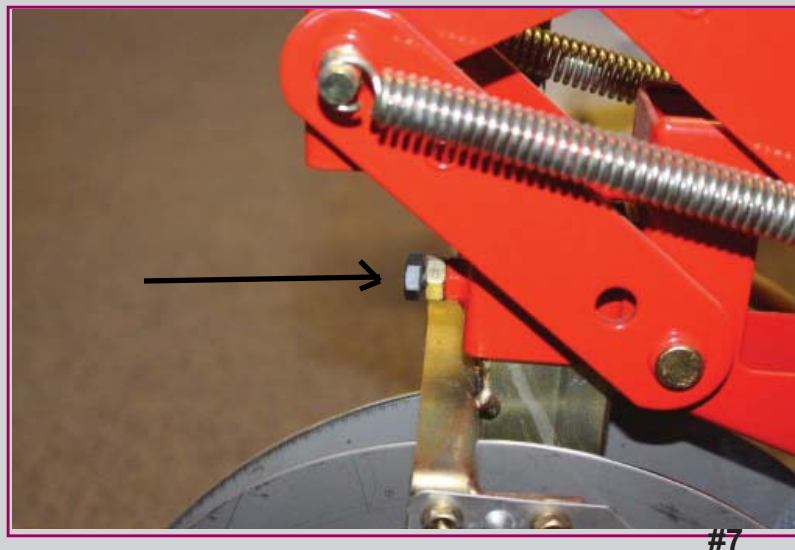
To remove seed disc, place a couple of pens or nails thru the holes and lift.



6. To change spacings, remove the chain guard by loosening the white thumb screw. The sprockets are easily pulled off to replace with new ones. Spacings are changed by the number of holes in the seed disc and then by the sprocket. The sprockets can be reversed from one end to the other for many variations. The chain shown in Photo 6 will run on top with smaller sprockets. Larger sprockets will need the chain to run below the pin and bolt and over the chain tightener.



Spacing Chart for Series TD Seeders (inch)												
* Subject to change upon speed of equipment or quality of soil												
Rear Sprocket	9	10	10	11	10	11	11	13	13	14	14	
Front Sprocket	14	14	13	13	11	11	10	11	10	10	9	
# of Holes in Seed Plate	2	16	20	22	24	24	28	30	32	36	40	42
	3	12	13	14	15	16	19	20	22	24	24	29
	4	8	10	11	12	12	14	15	16	18	20	21
	6	6	6.5	7	7.5	8	9.5	10	11	12	12	14.5
	8	4	5	5.5	6	6	7	7.5	8	9	10	10.5
	16	2	2.5	2.5	3	3	3.5	4	4	4.5	5	5.5



*View from beneath the seeder*

7. To adjust the shoe depth, use 13mm wrench to loosen bolt to adjust double disc post to desired height. Retirghten bolt.

**DISCLAIMER:**

*Mechanical Transplanter Co. strives to create the most accurate seed plate possible, however with so many varieties of seed (corn, beans, peas, and pumpkin) it is very difficult. If seed plates were shipped with pilot holes, drill the necessary hole size approximately 1/16" larger than the seed diameter. Be sure to countersink bottom side of seed plate to ensure seed releases properly. If holes in specific seed plates ordered are too small, drill those larger to fit the largest seed in your seed variety.*

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