

MODEL CT 4

Assembly Manual



Mechanical Transplanter Co.

1150 Central Ave - Holland, MI 49423 * Phone 616-396-8738 * Fax 616-396-3619

Website: www.mechanicaltransplanter.com

E-mail: mtcparts@egl.net

Tools Required:

5/16 Wrench and/or Socket

9/16 Wrench and/or Socket

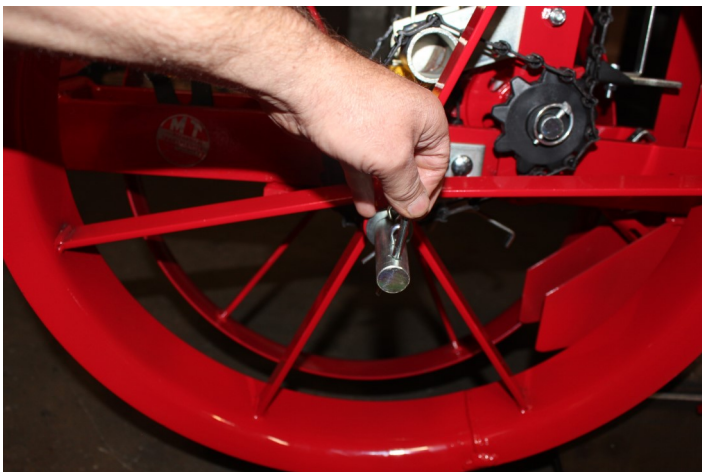
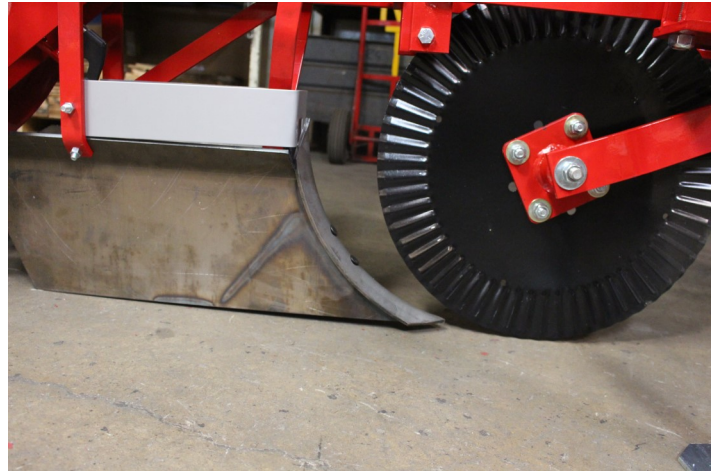
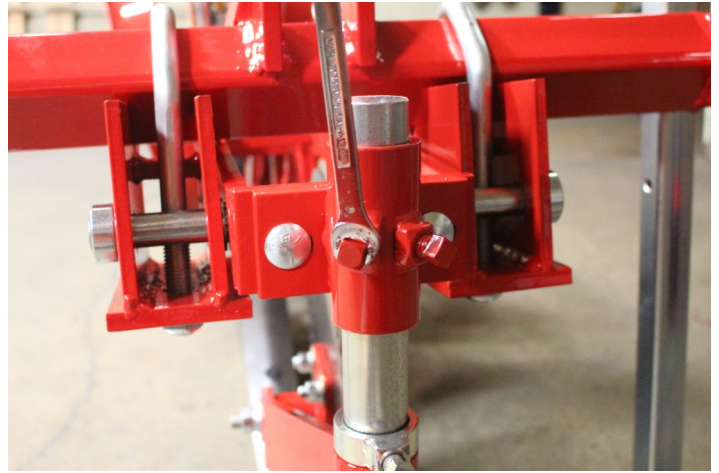
3/4 Wrench and/or Socket



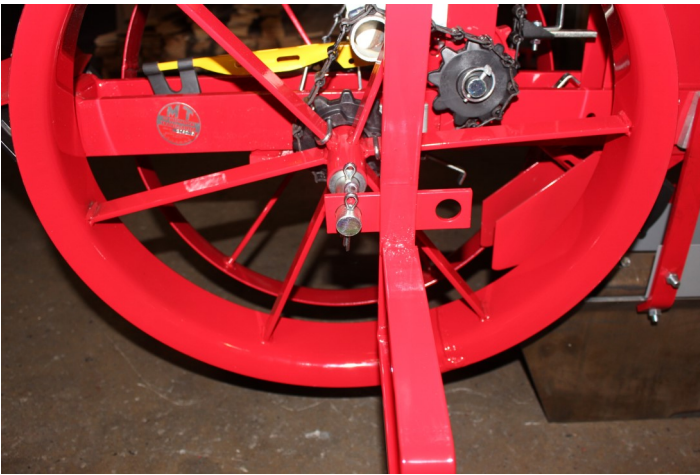
1) Install the hitch assembly onto the unit by using four $\frac{1}{2}$ x $1\frac{1}{2}$ hex head bolts, lock washers and nuts.

2A) Adjust the couler for proper clearance between the shoe by loosening the two set-screws on the couler mounting bracket.

2B) Move the couler assembly up or down and tighten set-screw.

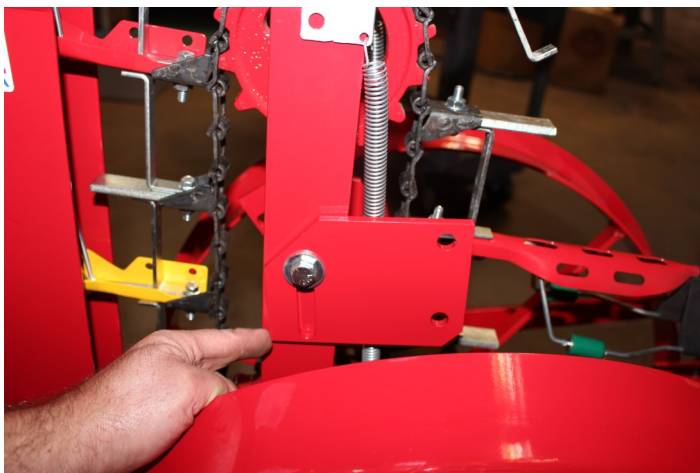
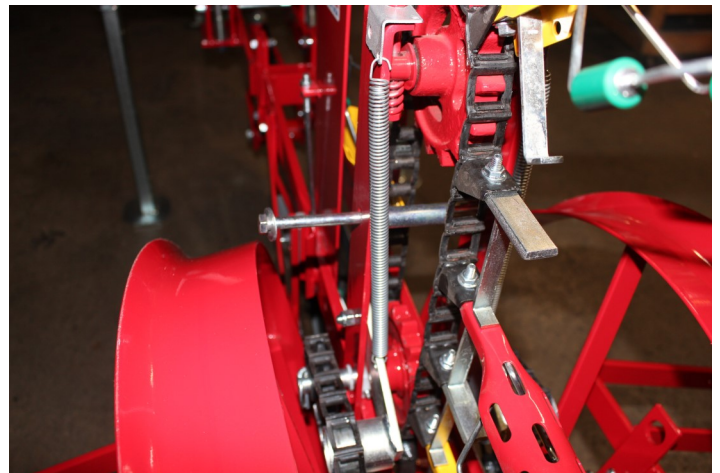


3) Install the plant stands by removing the outer cotter key from the axles.

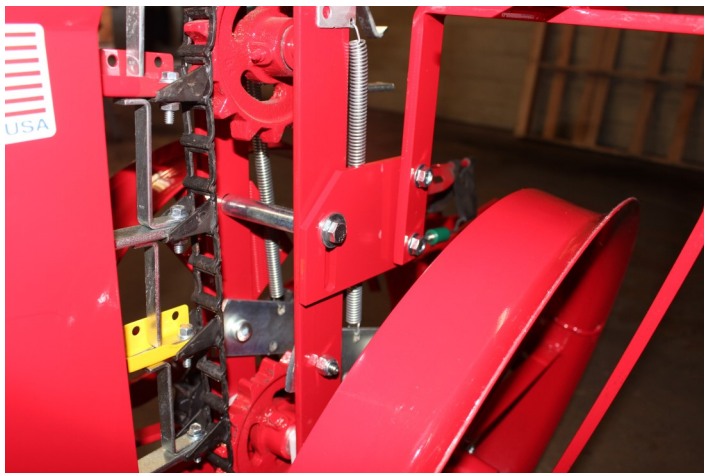


4) Install the plant stand onto the axle and re-install the cotter key as shown. Repeat on the other side.

5) Install the plant stand plates onto the upright by removing the $\frac{3}{8}$ hex head bolt as shown.



6) Install plates as shown. Leave loose.



7) Install plant stand onto plate by using two $\frac{3}{8}$ x 1 hex head bolts and flange nuts. Repeat on other side and tighten all fasteners.

8) Install the plant box alignment tabs by using one $\frac{3}{8}$ x 1 hex head bolt and one flange nut. Use the outer hole for wide boxes and the inner hole for narrow boxes.



9) Install the red seat "L" bracket by using one #727 U-bolt, two flat washers, lock washers and nuts.



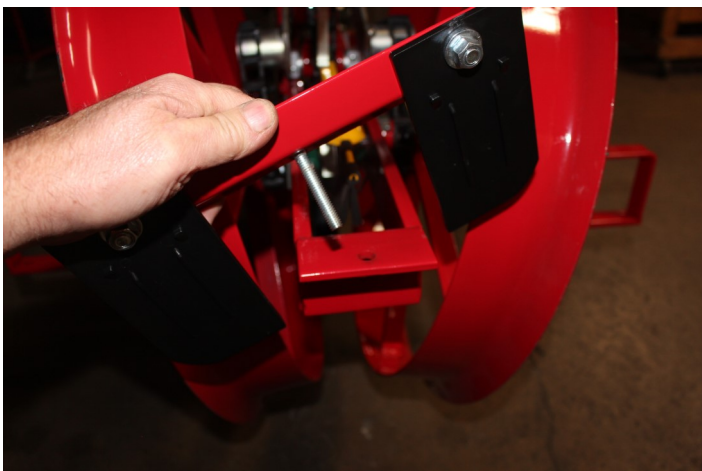
10) Install the red seat bracket onto the seat bracket if not already installed by inserting the $\frac{1}{2}$ x $1\frac{1}{2}$ carriage bolt into the bracket. Use one flat washer, lock washer and hex nut to secure.

Install bracket onto seat by using four $\frac{5}{16}$ x 1 hex head bolts and lock washers.

11) Install seat onto red "L" bracket. Adjust seat for comfort and tighten.



12) Install the rear weight bracket by removing the wheel scraper assembly.





13) Place the brackets on the unit as shown.

14) Install the spacer and fasteners that are included with brackets.



15) Re-install the wheel scraper assembly by removing one wheel scraper blade.

Re-install the carriage bolt, spring, flat washer and Ny-lock hex nut. Leave loose.



16) Install the plant boxes. Unit is now ready for operation.



Safety Precautions

1. Make sure tractor is stopped and in neutral with the transplanter lowered to the ground before getting on /off the unit.
2. No operator is allowed to be on the unit as it is raised and lowered.
3. No operator is allowed on the transplanter as it is transported to or from the field.
4. All operators must be seated before movement begins and remain seated until the transplanter is completely stopped.
5. Never leave the transplanter in the raised position
6. Keep all shields and guards in place when operating the transplanter.
7. Never attempt repairs or maintenance while the transplanter is in motion.
8. Never put the tractor in reverse while the transplanter is on the ground.
9. Follow all safety instructions supplied by the tractor manufacturer to which the transplanter is mounted.

MACHINE IMPROVEMENTS

MECHANICAL TRANSPLANTER CO. IS ALWAYS STRIVING TO MAKE IMPROVEMENTS ON THEIR LINE OF EQUIPMENT. MECHANICAL TRANSPLANTERCO. RESERVES THE RIGHT TO MAKE IMPORVEMENTS AND CHANGES AT ANY TIME WITHOUT INCURRING OBLIGATIONS TO MAKE SUCH CHANGES OR ADDTIONS TO EQUIPMENT PREVIOUSLY SOLD.

Limited Warranty

Mechanical Transplanter Company, LLC warrants each item of new equipment manufactured by Mechanical to be free from defects in material and workmanship under normal use and service.

The obligation of Mechanical Transplanter Company, LLC under this LIMITED WARRENTY is limited to repairing or replacing as Mechanical may elect, any parts that prove, in Mechanical's judgement, to be defective in material and workmanship within the first season's use of 45 consecutive days after initially placing equipment in operation, whichever occurs first. Any outside work or alterations without Mechanical's written approval will render the LIMITED WARRANTY void.

Mechanical's obligation specifically excludes any liability for consequential damages, such as loss of profits, delays, expenses, damage to goods or property used in connection with or processed in or by the product sold, or damage to the product sold from whatsoever cause, whether or not such loss is due to negligence of selling dealer of Mechanical Transplanter Company, LLC.

This limited warranty shall not apply to any item or machine which shall have been operated in a manner not recommended by the Company nor which shall have been repaired, altered, misused, damaged in an accident, neglected, tampered with or used in any way which in the Company's opinion adversely affects its performance and results.

No person is authorized to give any other warranties or to assume any other liability on behalf of Mechanical Transplanter Company, LLC unless made in writing by Mechanical Transplanter Company, LLC.

This limited warranty covers repair or replacement of Mechanical's equipment only and does not cover crop loss, downtime, labor, damage to other equipment, etc.

This limited warranty does not apply to exterior finishes, tires, chain links, bearings, or any other items sold by Mechanical Transplanter Company, LLC, but warranted by the original manufacturer except to the extent of their individual manufacturer's warranty.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WARRANTIES OF MERCHANT ABILITY AND FITNESS FOR PARTICULAR PURPOSE ARE EXCLUDED, AS ARE ALL OTHER REPRESENTATIONS TO THE USER-PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES, INCLUDING LIABILTY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF MECHANICAL OR THE SELLER.