



**OPERATOR'S MANUAL
SET-UP INSTRUCTIONS
&
PARTS LIST**

**TRACK ERASER for CIH END WHEEL DRILLS
MODELS 510, 5100, 5300**



MARKET FARM EQUIPMENT LIMITED, R.R.#1 DASHWOOD, ONTARIO, CANADA

TEL# 519-238-2301 FAX# 519-238-6044 E-MAIL: mfeltd@execulink.com

www.marketfarmequipment.com

"SERVING THE FARM INDUSTRY SINCE 1962"

WARRANTY PROCEDURE

MARKET FARM EQUIPMENT WARRANTS THEIR MANUFACTURED PRODUCTS TO BE FROM DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF PURCHASE TO THE FIRST END USER AND IS SUBJECT TO THE FOLLOWING CONDITIONS.

- 1. Damage caused by improper use, negligence, or operation beyond rated capacity, improper set-up, adjustment, or any unauthorized modifications made by the dealer or customer, shall void this warranty.**
- 2. Notification of damage or warranty claims must be submitted to Market Farm Equipment (M.F.E.) within seven (7) days of the date of failure.**
- 3. All defective parts must be made available by the dealer, for inspection by M.F.E. if required, and returned at the dealer's expense.**
- 4. All warranty claims must be approved by M.F.E.**
- 5. The labour and freight required to replace defective parts is not reimbursable.**
- 6. Exchange, credit or warranty status will be based on the results of the inspection of damaged items by the manufacturer.**
- 7. Credit will be issued if and when the warranty claim is approved and MUST NOT be deducted from the account by the dealer.**
- 8. Products and/or parts not manufactured by M.F.E. are subject to their own manufacturer's warranty conditions.**

WARRANTY CONSIDERATION IS ONLY VALID WHEN THE WARRANTY REGISTRATION FORM HAS BEEN RECEIVED BY MARKET FARM EQUIPMENT.

WARRANTY REGISTRATION

**MARKET FARM EQUIPMENT LIMITED
R.R. 1 DASHWOOD, ONTARIO, CANADA, N0M 1N0
Fax: 519-238-6044 E-mail: mfeltd@execulink.com**

Purchaser's warranty protection on this equipment is valid only when this registration form is completed by the purchaser and returned to Market Farm Equipment Limited.

Date of purchase: _____

Type of equipment: _____

Model number: _____ **Serial number:** _____

PURCHASER'S SIGNATURE INDICATES:

- Acceptance of equipment, fully assembled () unassembled ()
- Receipt of operator's manual
- Clear understanding of warranty
- Receipt of instructions on special safety equipment available
- Receipt of instructions on safe and proper operating procedures

PURCHASER:

Name: _____

Signature: _____

Mailing Address: _____

Prov./State: _____ **Postal/Zip Code:** _____

Telephone number: _____

Purchased from: _____

THIS WARRANTY MUST BE VALIDATED BY THE MANUFACTURER

It is valid only when a copy of the registration has been received by the manufacturer at address shown.

MARKET FARM EQUIPMENT LIMITED

EXPRESS WARRANTY

Market Farm Equipment Limited warrants against defects in construction and materials for a period of ONE year. We reserve the right to inspect and decide whether material or construction was faulty, or whether abuse or accident voids our guarantee.

This warranty does not cover a component which fails, malfunctions or is damaged as a result of (I) improper modification or repair, (II) accident, abuse or improper use, including loading beyond the specified maximum weights and requirements (III) improper or insufficient maintenance, or (IV) normal wear and tear.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS, IMPLIED OR STATUTORY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

In no way shall Market Farm Equipment Limited be liable for special, direct, incidental or consequential damages of any kind, including but not limited to labour charges.

The exclusive remedy under this warranty shall be repair or replacement of the defective component at Market Farm Equipment Limited's option. This is the entire agreement between Market Farm Equipment Limited and the owner about warranty. NO M.F.E. Ltd. employee or dealer is authorized to make additional warranty on behalf of Market Farm Equipment Limited.

(Fill in the following for future reference)

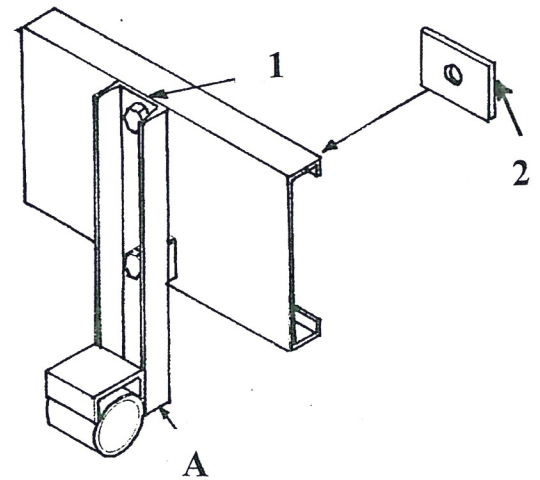
Serial number:_____

Date of purchase:_____

Purchased from:_____

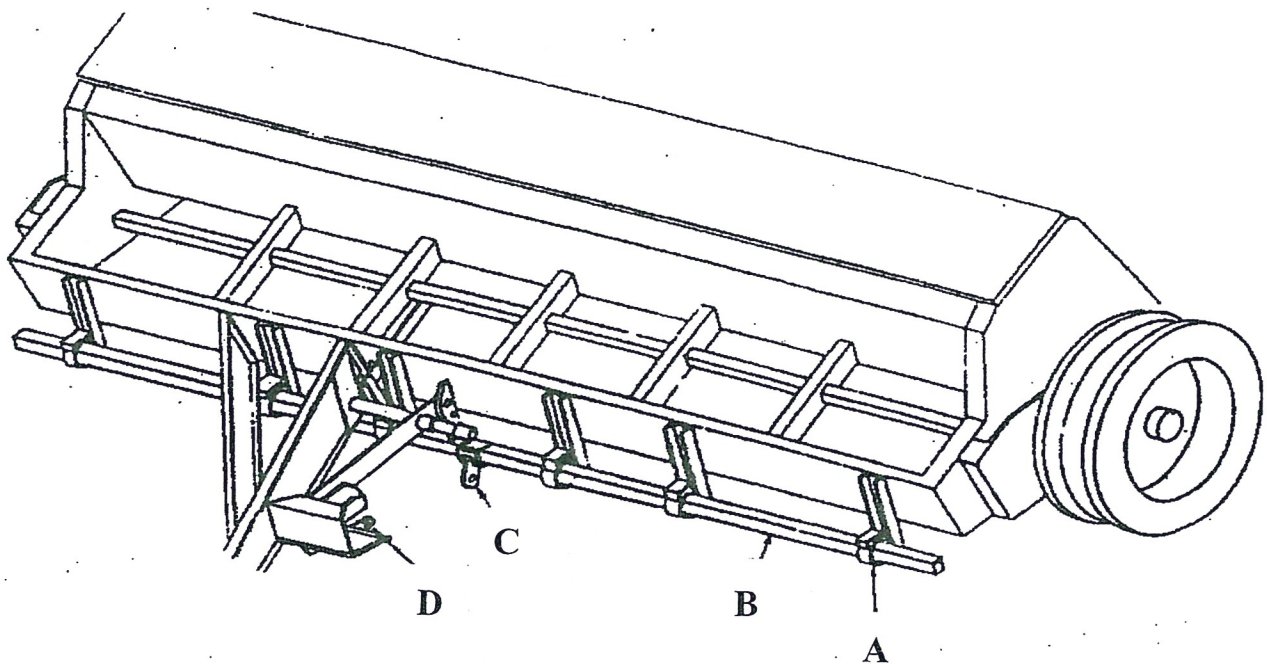
TRACK ELIMINATOR MOUNTING INSTRUCTIONS (CIH 510, 5100, 5300 DRILLS)

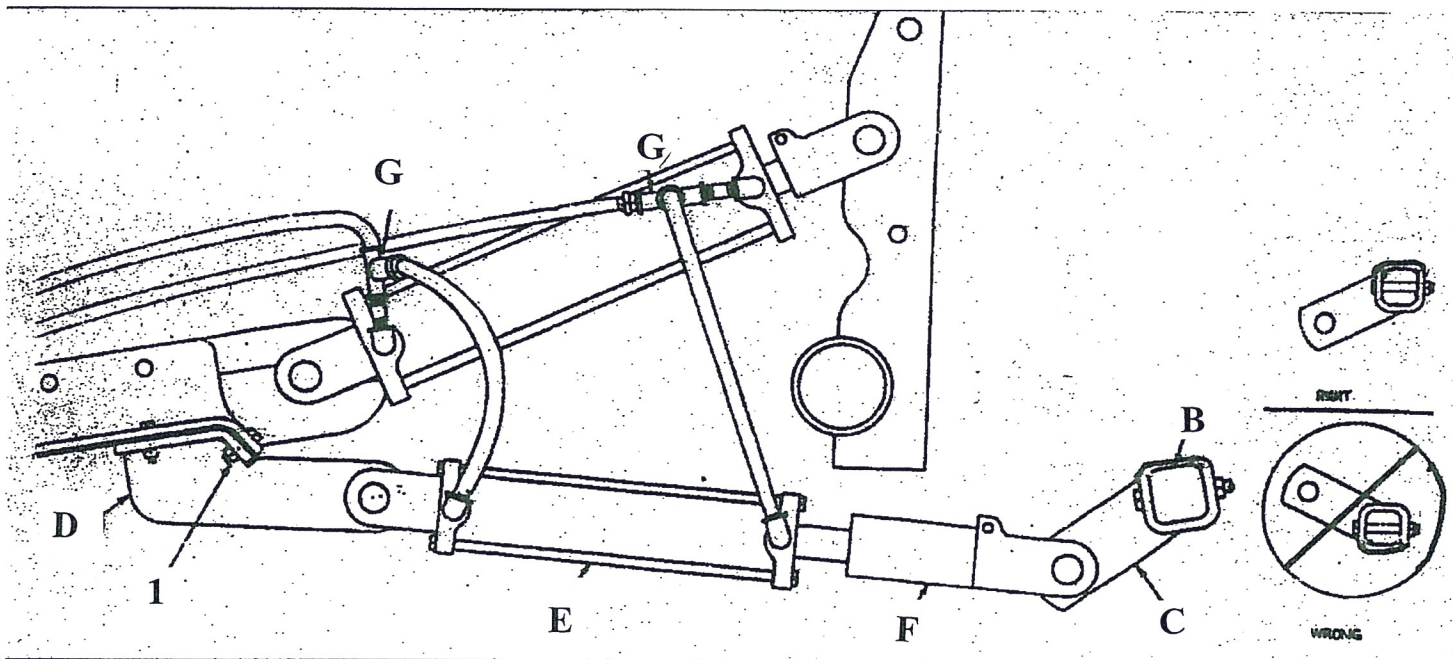
STEP 1: The first step in the assembly of your track eliminator is to mount the hanger brackets (A) on your drill. The 2 outside hanger brackets should be mounted first. The hanger brackets (A) should be centered on the outside disk openers, so the s-tines can be spaced to run between the disk openers. The top of the hanger brackets must be flush with the top of the drill frame. (1)



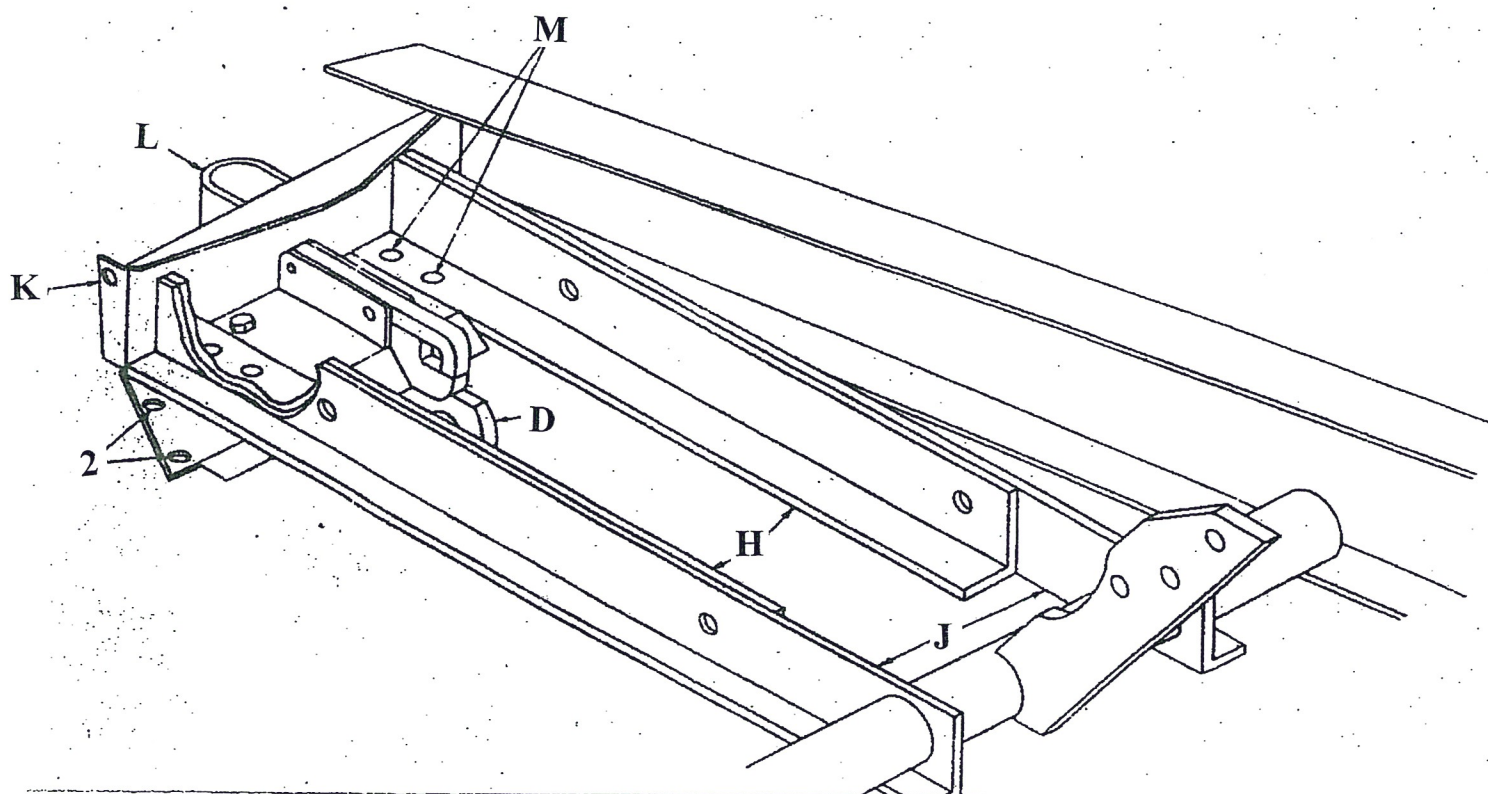
STEP 2: Drill two $\frac{9}{16}$ " holes in the frame of the grain drill and bolt the hanger brackets to the frame, using the two $\frac{1}{2}$ "x $1\frac{1}{2}$ " bolts found in your parts bag. The two inside hanger brackets should be mounted in line with the center of the second disk openers from the center of the drill. The remaining two brackets should be spaced as evenly as possible on the drill frame.

STEP 3: The reinforcement plate (2) is bolted on the back side of the grain drill in the bottom hole of the hanger brackets. These are required only on the two inside hanger brackets. (Closest to the center of the drill) The two $6\frac{1}{2}$ ' tine bars (B) should be inserted into the hanger brackets (A) and the cylinder ear (C) using two $\frac{1}{2}$ "x $3\frac{1}{2}$ " bolts. NOTE the correct position of the cylinder ear (C). DO NOT MOUNT UPSIDE DOWN





STEP 4: The cylinder anchor ear (D) should be mounted to the grain drill using the four $\frac{1}{2}$ " x $1\frac{3}{4}$ " bolts. Two $\frac{1}{2}$ " flat washers are also required for the two slotted holes in the cylinder anchor ear (D). **NOTE:** The two front bolts (1) should be tightened up first when installing.



STEP 5: The angle iron reinforcement bars (H) should be mounted next. These bars are mounted flush with the formed angle frames of the grain drill (J). The end of the angle iron reinforcement bars (H) should be against the formed plate (K) which supports the jack stand mount (L) at the front of the drill, and clamped in place. The end bolts (2) in the formed

plate may have to be loosened enough for the angle iron bars (H) to fit between the cylinder mount and the formed angle frames (H).

STEP 6: Using the holes already in the angle iron bars (H) as guides, drill 9/16" holed in the formed angle frames (J) of the grain drill and also through the cylinder anchor support plate (M). Bolt the angle iron reinforcement bars (H) to the formed angle frames using four ½" x 1 ½" bolts. Next bolt the angle iron reinforcement bars (H) to the cylinder anchor support plate (M) using the ½" x 1 ¾" bolts.

STEP 7: Install the 3" x 8" stroke cylinder (E) equipped with the stroke limiting collar (F).

STEP 8: The hoses from the 3" x 8" stroke cylinder (E) are tied into the main cylinder of the grain drill using the tees (G) as shown.

NOTE: When the cylinder is fully retracted the tines will be in the ground as far as they can go. If this is too deep, you can use flat washers (not supplied) to increase the stroke limited.

STEP 10: Mount the assembled s-tines on the tine bar using the 7/16" x 3 ½" bolts, and lock nuts.

CAUTION: DO NOT REMOVE CYLINDER STOP. DAMAGE WILL RESULT TO IMPLEMENT.

OPTIONS:

The MARKET TRACK ELIMINATOR KIT comes standard with 6 s-tines. More can be added to suit your needs.

The track eliminator can be plumbed independently by running hoses (not supplied) directly to the tractor instead of teeing into the drill's cylinder.

PACKING LIST FOR TRACK ELINIMATOR KIT FOR CIH 510, 5100, 5300 SEED DRILLS

QUANTITY

DESCRIPTION

<u> </u> 1	CYLINDER ANCHOR EAR ASSMBLY
<u> </u> 1	CYLINDER EAR ASSEMBLY (FOR TINE BAR)
<u> </u> 1	CYLINDER 3" X 8" STROKE C/W STOP, PINS AND CLIPS
<u> </u> 2	ANGLE IRON REINFOREMENT BARS (1 LEFT & 1 RIGHT)
<u> </u> 6	HANGER BRACKETS
<u> </u> 6	REINFORCEMENT PLATES (1/4" X 1 1/2" X2")
<u> </u> 2	HYDRAULIC TEES
<u> </u> 2	HOSE ASSEMBLIES
<u> </u> 6	S-TINES
<u> </u> 6	1 3/8" REVERSIBLE POINTS
<u> </u> 6	S-TINE CLAMPS
<u> </u> 6	7/16" X 3 1/2" GRADE 5 BOLTS
<u> </u> 6	7/16" LOCK NUTS
<u> </u> 6	SWEEP BOLTS C/W NUTS & FLAT WASHERS
<u> </u> 2	1/2" X 3 1/2" GRADE 5 BOLTS
<u> </u> 8	1/2" X 1 3/4" GRADE 5 BOLTS
<u> </u> 16	1/2" X 1 1/2" GRADE 5 BOLTS
<u> </u> 26	1/2" HEX NUTS
<u> </u> 26	1/2" LOCKWASHERS
<u> </u> 2	1/2" FLAT WASHERS
<u> </u> 2	MARKET DECALS
<u> </u> 1	MOUNTING INSTRUCTIONS
<u> </u> 2	TINE BARS (2' X 2" X78" 250 WALL)