

G1K695 WEAR PAD REPLACEMENT KIT INSTALLATION INSTRUCTIONS

MODEL 3600 PLANTER



MACHINE ASSEMBLY INSTRUCTIONS

MODEL 3600 PLANTER

IS1015


11/17

Read completely through these instructions before starting installation.

Make sure you have all parts needed to complete installation using components listing at end of these instructions.

Information in these instructions was current at time of printing. However, due to Kinze's ongoing product improvement, production changes may cause your machine to appear slightly different in detail. Kinze Manufacturing, Inc. reserves the right to change specifications or design without notice and without incurring obligation to install the same on machines previously manufactured.

Right hand (R.H.) and left hand (L.H.) used throughout these instructions are determined by facing direction machine travels in use, unless otherwise stated.

Throughout this instruction the symbol  and the words **DANGER**, **WARNING**, and **CAUTION** are used to call attention to safety information that if not followed, will or could result in death or injury. **NOTICE** and **NOTE** are used to call your attention to important information. The definition of each of these terms follows:



Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations, typically for machine components which, for functional purposes, cannot be guarded.



Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.



Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.



Used to address safety practices not related to personal injury.

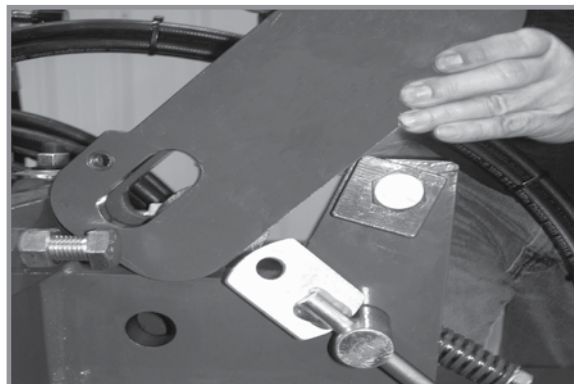
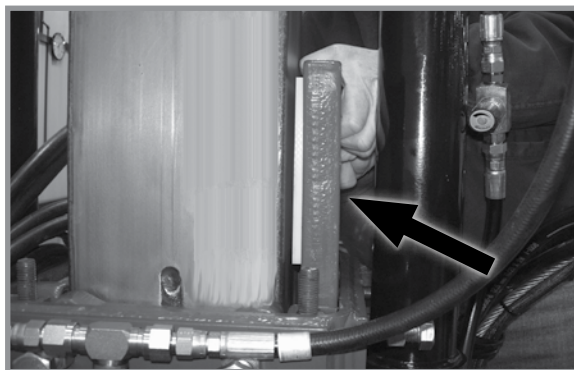
NOTE: Special point of information or machine adjustment instructions.

**WARNING**

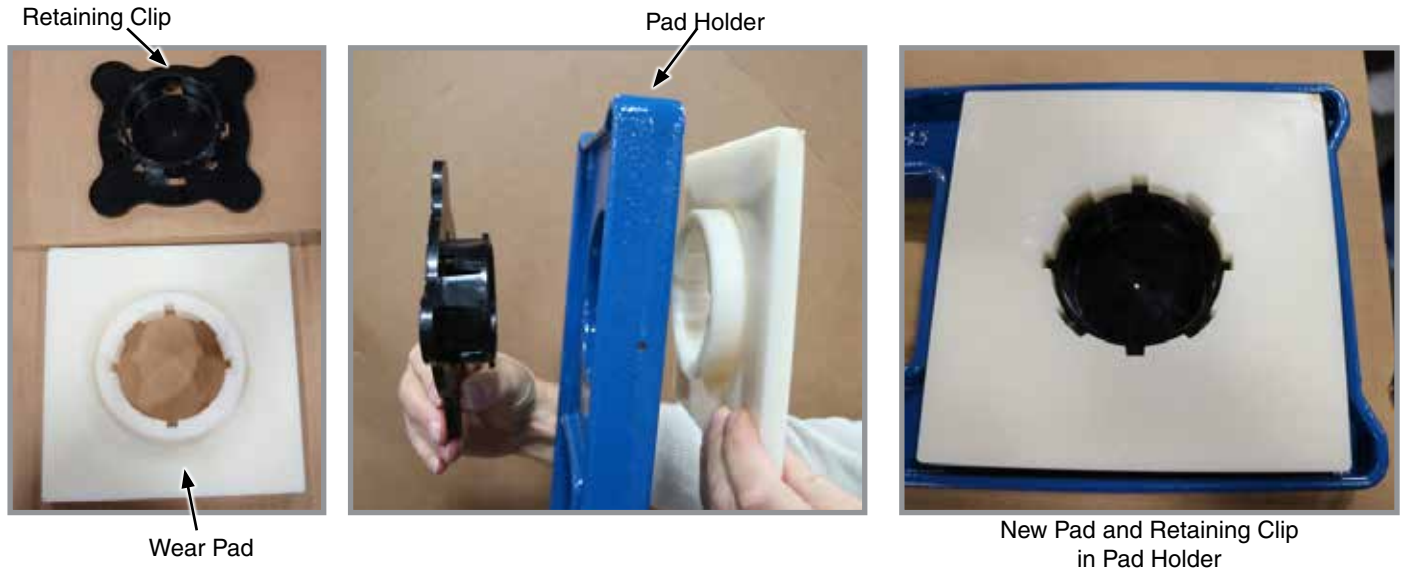
Improperly operating or working on this equipment could result in death or serious injury. Read and follow all instructions before operating or working on this equipment.

Step 1. Remove existing wear pads.

- a. Loosen cam rollers so they move freely as shown.
- b. Lower planter to field operation position and release wing locks.
- c. Eliminate all uplift on planter frame by backing off row unit down pressure springs and uplift on any attachments.
- d. Remove safety hook.
- e. Disconnect hydraulic hose, remove nut on bulkhead fitting, and remove fitting from cap.
- f. Loosen four cap mounting nuts and remove pad holder cap.
- g. Loosen pad hex jam nuts, back pad bolts out, and remove four pad holder assemblies. Remove and discard old pads.

**Removing safety hook****Removing Pad Holder Assembly**

Step 2. Install new wear pads and retaining clips.

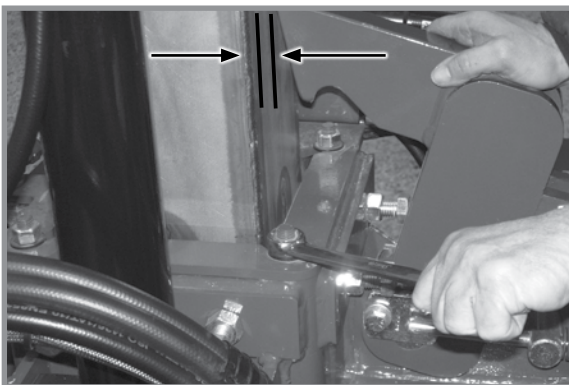


- Install new pad using retaining clip. Repeat for other side of pad holder.
- Reinstall pad holder in center section.

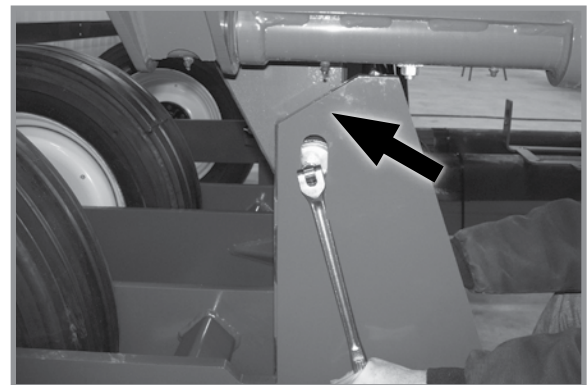
NOTICE

Over tightening wear pads will cause premature wear and excessive hydraulic lift pressures. Torque wear pads to 10 ft-lb (13.6 N-m). Do not over tighten wear pads.

- Tighten pad adjusting bolts, back off, and then torque wear pads to 10 ft-lb (13.6 N-m). Hold adjusting bolt from turning and torque hex jam nuts to 200 ft-lb (271.1 N-m).
- Reinstall cap and tighten cap mounting nuts.
- Reinstall hydraulic hose, fittings, and safety hook.



Adjust safety hook clearance to $\frac{1}{4}$ "- $\frac{3}{8}$ "

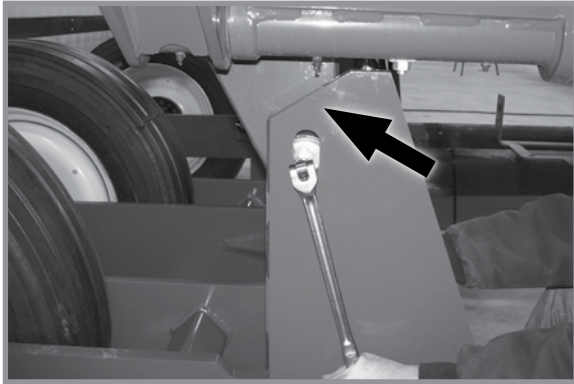


Adjust and tighten cam roller

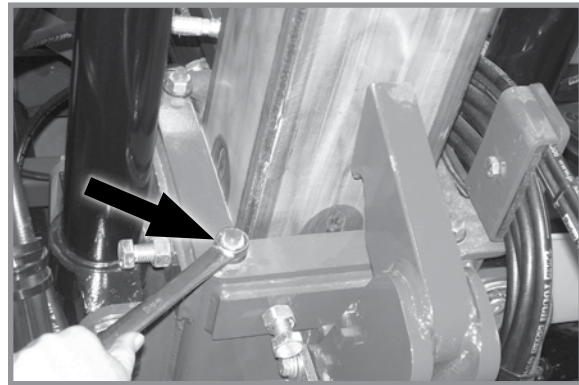
- Adjust stop on safety hook to $\frac{1}{4}$ "- $\frac{3}{8}$ " clearance.
- Rotate cam roller against front guide and tighten to 110 ft-lb (149.1 N-m). Make sure gap between roller guide and center frame are equal on both sides. Raise planter out of roller guides and lower back down into roller guides to be sure roller guides operate smoothly. Adjust rotation cylinder rod as needed.
- Reset row unit down pressure and other attachments.

Information on the following two pages are for adjustment and replacement of your new wear pads. Retain these pages.

MAJOR PAD ADJUSTMENT



Loosen cam rollers



Loosen four cap mounting nuts

1. Loosen cam rollers so they move freely.
2. Lower planter to field operation position and release wing locks. Eliminate all uplift on planter frame by backing off row unit down pressure springs and uplift on any other planter attachments.
3. Check position of center frame to axle cam roller guides. Gap between guides and frame should be the same side to side. Gap on back sides of roller guide should be equal on both sides. Final adjustment will be done later.
4. Loosen four cap mounting nuts.

NOTE: Cap mounting nuts MUST be loosened before adjusting wear pads.

5. Loosen hex jam nuts and use pad adjusting bolts to position frame to center correctly.

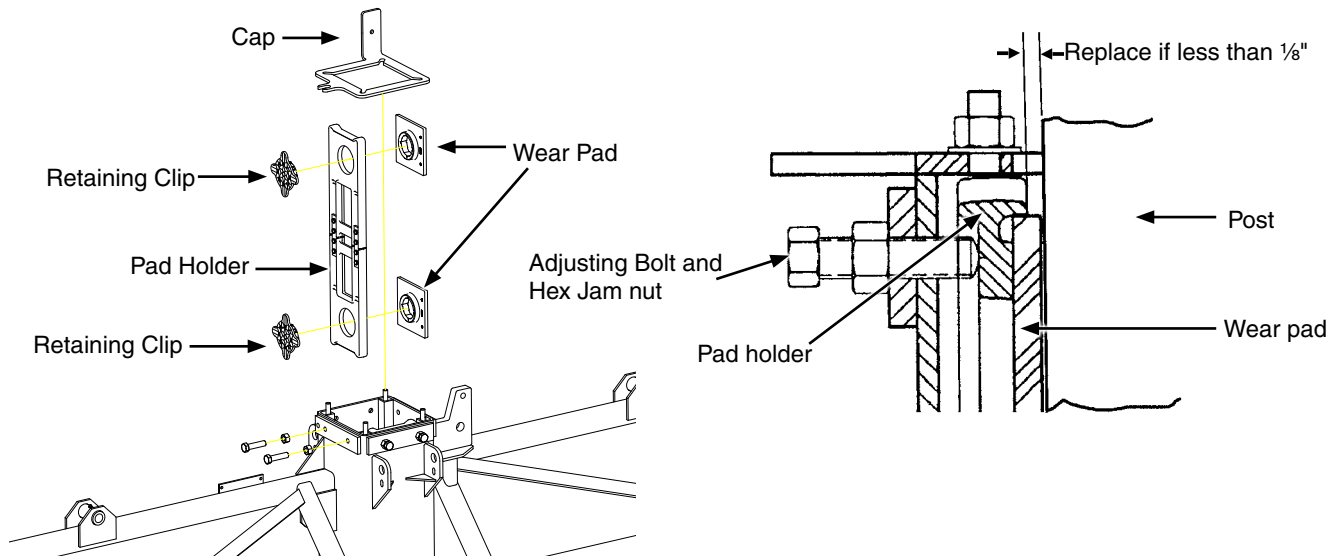
NOTICE

Over tightening wear pads will cause premature wear and excessive hydraulic lift pressures. Torque wear pads to 10 ft-lb (13.6 N-m). Do not over tighten wear pads.

6. Tighten pad adjusting bolts, back off, and then torque wear pads to 10 ft-lb (13.6 N-m). Hold adjusting bolt from turning and torque hex jam nuts to 200 ft-lb (271.1 N-m).
7. Tighten cap mounting nuts.
8. Reset row unit down pressure and other attachments.

WEAR PAD FIELD REPLACEMENT/ADJUSTMENT**NOTICE**

Over tightening wear pads will cause premature wear and excessive hydraulic lift pressures. Torque wear pads to 10 ft-lb (13.6 N-m). Do not over tighten wear pads.



Planter center section is constructed around a steel tubular frame with four wear pad assemblies riding against a stainless steel clad center post. Two wear pads and retaining clips are held by a pad holder and locked in place by $\frac{3}{4}$ " adjusting bolts and hex jam nuts. Inspect pads for wear and adjustment annually to ensure center section is stabilized and planter tracks properly. Pads should make full light contact with center post when properly adjusted. Too much preload on pads will cause hydraulic lift pressure to be higher than necessary or will not allow planter to raise when loaded.

1. Position planter on a level surface and place in raised field position.

NOTE: Replace wear pad when worn to less than $\frac{1}{8}$ ".

2. Visually check four upper wear pads. Each wear pad should lightly contact stainless steel clad center post.
3. Place planter in raised transport position, install all safety lockups and visually check four lower wear pads for light contact.
4. Remove lockup and lower planter to field operation position. Loosen cap mounting nuts to allow wear pad adjustment. Loosen hex jam nuts as needed.

NOTE: Cap mounting nuts MUST be loosened before adjusting wear pads.

5. Tighten pad adjusting bolts, back off, and then torque wear pads to 10 ft-lb (13.6 N-m). Hold adjusting bolt from turning and torque hex jam nuts to 200 ft-lb (271.1 N-m).
6. Operate to full height on post and recheck for zero clearance.

G1K695, Wear Pad Kit

- (4)B0867 Wear Pad
- (4)B0868 Retaining Clip
- (1)IS1015 Instruction Sheet

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