

Gauge Wheel Arm Pivot Kit Revised 08/27/16

The gauge wheel arm pivot is the #1 wear point on Max Emerge style planters. This is caused by the fact that the ground load on the gauge wheel is offset from the center of the row where the arm contacts the adjustable stop. This offset load is supported by two points of contact between the pivot pin and the bore of the hub. These points wear and the arm starts to lean allowing the tire to pull away from the opener disk. Moving the arm in is generally the only thing you can do to temporarily compensate.

All of the repair kits on the market except the RKP kit still support the offset load the same way. They do restore the pivot to nearly new condition but the loads are supported the same way so the problem will reoccur.

The RKP gauge wheel arm pivot kit is the only product on the market that changes the way the offset loads are supported and actually solves the problem. The RKP design utilizes a disc spring to preload the outer end of the hub of the arm with enough spring pressure that the arm cannot lean but can still pivot freely. Because the arm cannot lean the pressure remains distributed almost uniformly around the circle of contact which is a large area. The result is that wear is practically eliminated.

The John Deere threaded design eliminates the need for adjusting washers and makes it easy to move the arm in when necessary. It does not do anything to solve the basic problem. The RKP kit will repair these arms.

With a rigidly mounted pivot pin it is no longer necessary for 1700 owners to balance the weight of the wheel and arm on their knee while trying to thread a bolt into the tapped hole they can't see in the shank assembly.

The gauge wheel arm pivot on IH models can be restored to perform as good as new for less than the cost of one new arm.

The advantages are:

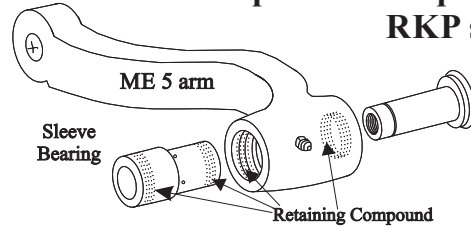
- It does not matter that the pivot pin and the bore of the hub are badly worn.
- Plugging between wheel and disk is eliminated.
- Lubrication is less critical because the bore of the hub is effectively sealed and the loads are supported much more efficiently.
- The tire to disk relationship is still determined by a variable number of adjusting washers but because the arm cannot lean wear is almost eliminated. There should be no need to move the arm again unless other parts are replaced.
- The tire can keep the opener disk clean so scrapers can usually be eliminated.
- The tire holds the soil down next to the disk which should produce a more accurate furrow.
- The RKP kit can be used to hold the gauge wheel arms up on Kinze pusher units when these units are in the locked up position.

**Two Year Money Back
Satisfaction Guarantee**

Prices Subject to Change without Notice

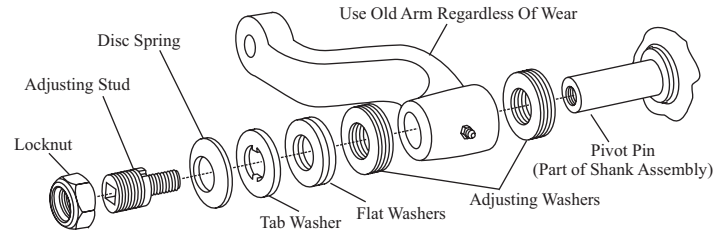
R K PRODUCTS INC.

ME5 arm can be used on ALL previous Maxemerge and Kinze 2000 series planters if equipped with the RKP sleeve bearing



Price: \$12/Each plus compound

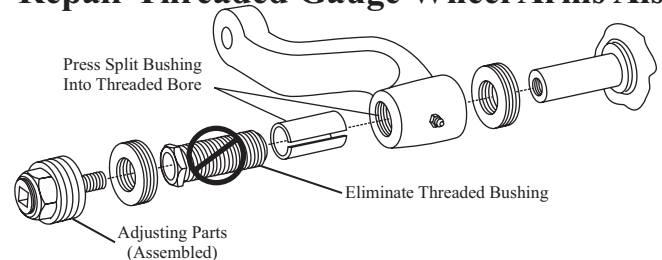
For John Deere 7000 / 7200 Series (Shown), Kinze and White (Dual Closing Wheels) Planters



This kit can be used to repair other after-market kits including those with skewed bore (eccentric) bushings and threaded bushings (John Deere 1700 style - see below).

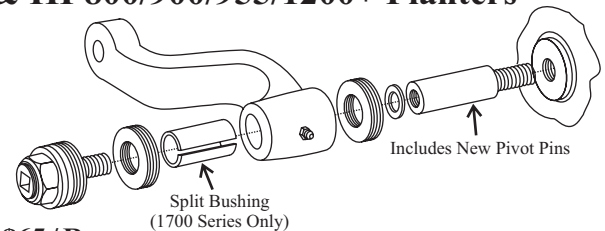
Price: \$42 / Row Bushings \$2 Each (If Required)

Repair Threaded Gauge Wheel Arms Also!



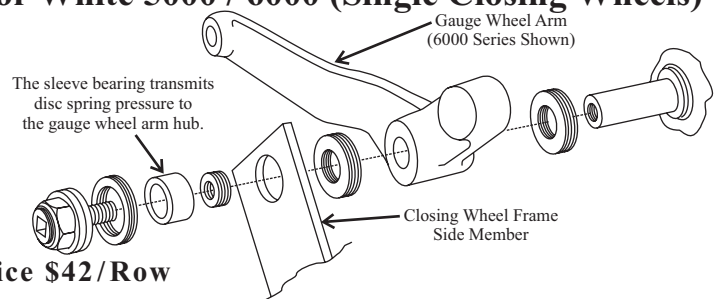
Price: \$46 / Row (Includes 2 Split Bushings)

For John Deere 1700 Series (Shown) & IH 800/900/955/1200+ Planters



Price: \$65 / Row

For White 5000 / 6000 (Single Closing Wheels)



Price \$42 / Row

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