

Preliminary Instructions

INSTRUCTIONS FOR INSTALLING THE NEW RKP GAUGE WHEEL ARM PIVOT KIT ON JOHN DEERE 1700 ME5 SERIES PLANTERS WITH ADJUSTING SLEEVE

When working on your planter in the raised position be certain that service locks are installed or parking stands are down and properly secured. Wear proper protective clothing and eye protection. Review the safety section in you operator's manual.

IMPORTANT: READ INSTRUCTIONS CAREFULLY

Proper installation of the R K P Gauge Wheel Arm Pivot Kit will result in the opener disks being cleaned by the gauge wheel tires therefor the scrapers can usually be eliminated.

REMOVAL

1. Remove arm (A) and threaded bushing and discard. If necessary file or grind the ends of the hub to make sure they are smooth and flat and free of excessive paint. Make sure the adjusting washers at position (H) will lay flat on inner end of hub. If the arm interferes, eliminate the interference by grinding.

INSTALL ME5 SLEEVE BEARING

2. Make sure parts are clean and dry. Install Sleeve bearing (F) into bore of arm using Loctite 660 retaining compound on the four mating surfaces as shown. Use a cotton swab to spread the compound. Rotate the sleeve bearing in the bore to spread the compound evenly. The end of the sleeve bearing should be flush with the end of the hub. The compound will provide a permanent attachment between the two parts. It will also serve as a seal preventing grease from escaping except through the bore of sleeve bearing (F).

A welding magnet can be used to hold the sleeve bearing during the installation process.

Loctite 660 will fixture in approximately 20 minutes. It will fully cure in 24 hours.

INSTALL PIVOT SHAFTS

3. Install a grade 8, 5/8" nut (B) onto a grade 8, 5/8"x 1-1/2" capscrew (E). Leave a small gap of approximately one thread between the nut and capscrew head. Before installing the nut, oil the bolt threads in the area that the nut will be placed. Do not oil the remaining threads. Place heat treated flat washer (BB) on capscrew (E). Screw capscrew (E) into pivot shaft assembly (D) until washer (BB) is held against pivot shaft. Apply Loctite 271 (Threadlocker) or equivalent to the external and internal threads as indicated. The threads must be clean and dry before application. Install pivot shaft assembly (D) into tapped hole (C). Using a socket that engages both the head of the capscrew (E) and the nut (B) torque to 175 ft-lbs. **Do not use impact wrench.**
4. With the socket engaging the capscrew head only, tighten capscrew (C) while loosening nut (B) with a 15/16" wrench. Remove capscrew with nut and washer (BB). Wipe oil from end of pivot shaft (D).



