



# **Electrak**<sup>®</sup>

Garden Tractor

## **PRODUCT SERVICE BULLETIN NO. 2**

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### Service of Rear Wheel Hubs

A few reports are being received of rear wheel hubs moving on the transaxle shaft, and "walking" in or out. When inspecting any tractors look for movement of the wheel hubs. The hub should be flush with the end of the shaft for correct assembly. If a tractor gives any evidence of hub movement, the hub can be "locked" to the axle by the following procedure:

Remove each rear wheel.

Remove each wheel hub by loosening both set screws and lightly tapping to remove, or use a bearing-puller. If the hub is very hard to remove, reassemble wheel and use as is.

Shaft and hub bore must be clean and free of oil, grease, wax, rust, or other impurities. Wash these surfaces with a degreasing solvent, or trichlorethylene. Dry with a clean rag, and spray mating surfaces with Locquik Primer Grade T. Allow primer to dry for 3-5 minutes. A thin film is best.

After primer is dry apply Loctite Retaining Compound #75 to both surfaces in sufficient quantity to fill all the space between shaft and hub. A ring of resin should be visible at the ends of the hub. Do not use excess amount, and do not allow to creep or smear toward transaxle. Clean any excess adhesive from transaxle side of hub with solvent.

Assemble hub over key to shaft so that hub and shaft are flush at end. Apply Loctite to set screws and reassemble.

Adhesive must be allowed to cure, which requires about one hour at 60-70 degrees F when the Locquik Primer is used. Without the primer, the cure time is 3-5 hours. Do not apply below 60°F.

To remove hubs after the Loctite has been applied and cured, it is necessary to heat the Loctite to about 500 degrees F. This should be done carefully to avoid overheating the transaxle seals. A small propane torch works very well for loosening the Loctite for removal of the hub.

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