

Subject: Boom Lift Cylinder Pin Inspection

Models: Supersucker with Boom and Mud Dog 700

Affected Units: Serial Numbers 18072841 through 22073024 and 213371247 through 223371380

Date: 7/25/2022

Description of Update:

This bulletin is to help identify Supersucker and Mud Dog 700 units with hydraulic booms that have **hair pins** installed on the boom lift cylinder, rather than with the standard **cotter pins**. Once identified, the hair pins should be replaced with cotter pins.

Parts Required:

- 0152-00038 Cotter Pin .19 x 1.75

Instructions:

- **You must wear a safety harness and use three-point contact during inspection and service.**
- Climb onto the tank to perform the inspection (Fig. 1).
- Inspect the (2) boom lift cylinder clevis pins (Fig. 2). Inspect the driver and passenger side of the boom lift cylinder.
- If (4) cotter pins are installed on the boom lift cylinder clevis pins, no further action is required (Fig. 4).
- If one or more hair pins are discovered, these need to be replaced (Fig. 3). Order the above cotter pins in the quantity needed.
- If any pins are missing **do not operate the truck** until they are ordered and installed.
- For hair pin replacement, pull hair pin out of clevis pin. Insert cotter pin into clevis pin fully and bend cotter pin legs in opposite directions (Fig. 5).

Notes:

- This bulletin does **not** imply warranty of any kind. All standard warranty considerations still apply.
- Supplemental pages in this communication include images, additional information, and safety warnings.
- Please refer to all safety warnings on page 3 prior to proceeding with service repair.

Questions: Contact Technical Support at 1.800.837.9711 (press 4 & then 1) or industrialservice@superproducts.com

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Figures:

Figure 1: Inspection Location



Figure 2: Clevis Pin Location



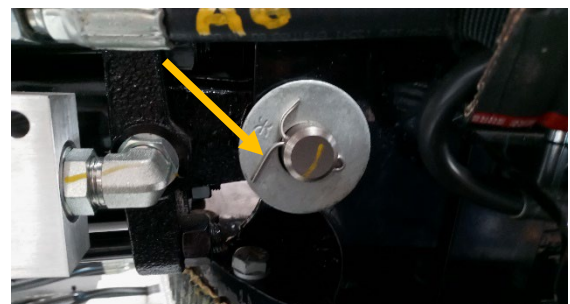
Figure 3: Hair Pin Identification



Figure 4: Cotter Pin Identification



Figure 5: Cotter Pin Installation



IMPORTANT EQUIPMENT MAINTENANCE SAFETY INSTRUCTIONS:


WARNING

To avoid death or serious injury from component failure, keep equipment in good operating condition by performing proper service, repairs, and maintenance.

Before Performing Service, Repairs & Maintenance on the Equipment:

- **Wear safety harness and use three-point contact during inspection and service.**
- **Wear safety glasses, protective gloves,** and follow all **safety procedures** described in the product operator's manual when performing service, repairs, and maintenance on the equipment.
- **Securely place** the debris body, tailgate, and boom in lowered position or **securely block up** with support props.
- **Stop engine & PTO**, engage parking brake, lower implement, allow all moving parts to stop and **remove key** before dismounting from truck.
- Allow all **components to cool** before servicing or performing maintenance. **Avoid contact** with hot hydraulic oil tanks, pumps, motors, valves, and hose connection surfaces underneath equipment.

 **WARNING Cancer and Reproductive Harm** www.P65Warnings.ca.gov

 **WARNING Battery posts, terminals, and related accessories contain lead** and lead compounds, chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. Wash Hands after handling.