

Subject: Body Proximity Sensor Bracket

PRODUCTS AFFECTED:

Models: Mud Dog 1200 & 1600

Affected Units: 143250850 to 213261264

Date: 10/28/2021

Description of Update:

Beginning with Mud Dog unit 213261264, a new body down proximity sensor bracket has been released into production. The bracket locates the proximity sensor beneath the debris body in an area of better protection and less overall maintenance and adjustment eliminating possible false body up alarm conditions. Mud Dogs prior to this unit can be fitted with the new sensor bracket.

Parts Required:

- 0041195 Body Proximity Bracket
- 0052-20125 (2) 3/8 -16x1-1/4 Bolt
- 0082-30003 (2) 3/8 Flat Washer
- 0160-42008 (2) 3/8 -16 Lock Nut
- 0050-00100 (1) 1/4 - 20x1 Bolt
- 0082-30001 (1) 1/4 Flat Washer
- 0160-11006 (1) 1/4 - 20 Lock Nut
- 0328-00004 Cushion Clamp 5/8"

Instructions:

- Raise debris body and safety support.
- Remove old bracket. Inspect sensor for visible wear and damage.
- Lower safety support, lower debris body, line up bracket with both the lower heated line tray and debris tank rib. Use the aid of a clamp or vise grip to hold bracket in place. Scribe a line and mark holes for drilling. (Fig. 1)
- Remove lines from tray and drill two 3/8" holes.
- Raise debris body and safety support. Use provided 3/8" x 1" hardware to attach bracket to tray and hand tighten. Install sensor, hand tighten.
- Lower safety support, carefully lower debris tank, do a final adjustment, sensor should be 1/4" from metal surface. Tighten sensor lock nuts. Torque 3/8" hardware to 35 ft lbs.
- Install sensor cushion clamp, torque 5/16" bolt to 19 ft lbs. Re-install zip ties to hold wires and heated lines.
- Test body up alarm by raising body and checking light and buzzer in the cab.

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



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 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.
- **Stope 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