

## Op. 55 408

## REAR (MAIN) PTO SAFETY SWITCH

## Description

The rear PTO safety switch, 1, is a single-pole, push-button type switch located underneath the left side operator's platform on the PTO linkage. When the PTO is engaged, the contacts in the switch are open, not allowing the tractor to start. When the PTO is disengaged, the contacts in the switch are closed, completing the circuit. This allows the tractor to start.

**NOTE:** Remove the left wheel assembly for easier access to the rear PTO safety switch. Be sure to provide adequate support to the rear axle during repairs.

**NOTE:** The PTO safety switch may be tested for continuity without removing the switch from the tractor, but it is recommended that the switch be removed for testing. To test the switch in the tractor, follow the same procedure used when the switch is removed from the tractor.

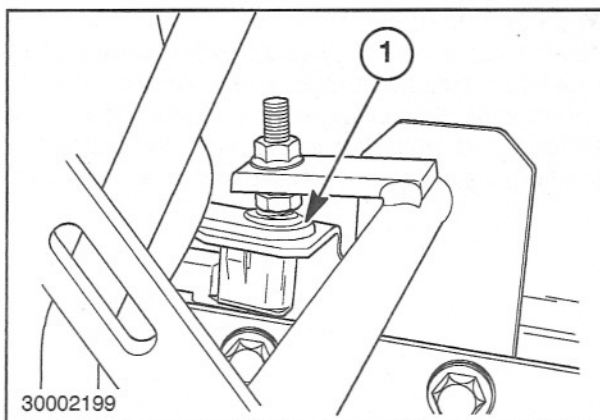
1. Raise the tractor engine cover.
2. Disconnect the negative (-) battery cable from the negative (-) battery terminal.
3. Disconnect the rear PTO safety switch leads from the wiring harness.
4. Remove the retaining nut, which secures the rear PTO safety switch to the PTO linkage.
5. Remove the rear PTO switch by pressing in on the locking tabs and sliding the switch upward out of the support bracket.

## REAR PTO SAFETY SWITCH TESTING

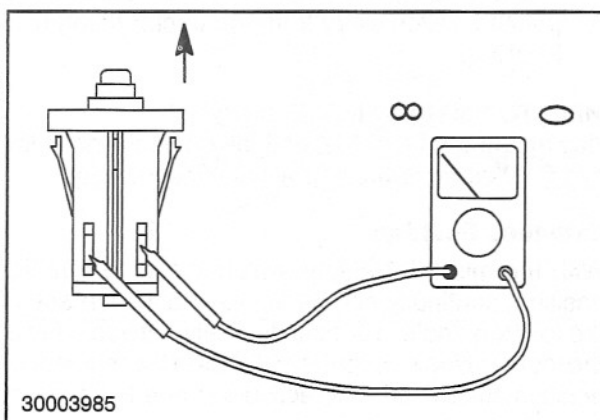
Use an ohmmeter to test both of the positions of the rear PTO safety switch for electrical continuity.

## Extended Position

With the rear PTO safety switch in the "extended" (out) position, continuity should not exist between the two switch leads. If continuity exists between the switch leads while the switch is in the "extended" position, the rear PTO safety switch is defective and needs replaced.



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