

## SEAT SAFETY SWITCH TIMER

### Description

**NOTE:** The left rear wheel and the left rear fender were removed to better show the location of the seat safety switch timer.

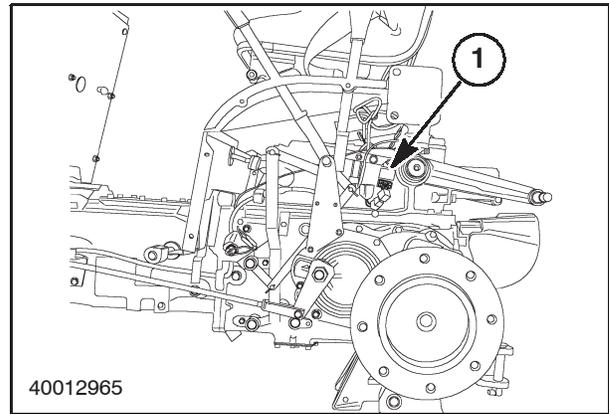
1. The seat safety switch timer, 1, is located on the left side of the lift cover behind the left rear fender. When the tractor is running, the seat timer creates a one-second delay before shutting off the tractor engine, should the operator get off the seat. The seat safety switch shuts the tractor engine off by cutting the ground to the control circuit in the kill relay, which in turn stops current flow to the fuel shutoff solenoid.
2. If the tractor transmission range is in the neutral position and the parking brake is applied, the tractor will continue to run while unoccupied.

### Removal

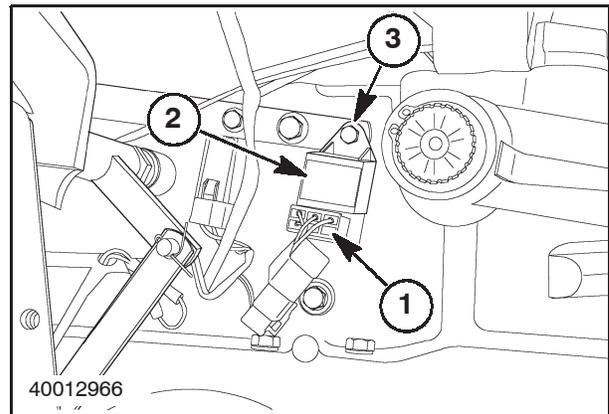
3. Disconnect the negative (-) battery cable from the negative (-) battery terminal.
4. Remove the plug, 1, from the seat safety switch timer, 2.
5. Remove the retaining bolt, 3, to remove the seat safety switch timer, 2, from the tractor.

### Testing

Use a 12-volt power source, a suitable test light, and a suitable switch to determine if the seat safety switch timer is functioning properly.



46

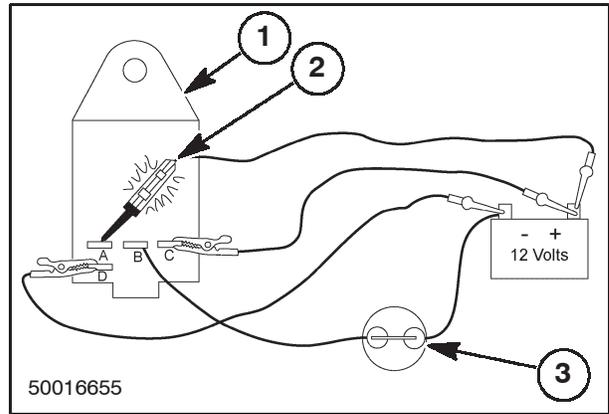


47

ON POSITION

**NOTE:** The terminals are not letter or number-coded on the seat safety switch timer.

1. Connect a jumper wire to the from the positive (+) terminal of a 12-volt power supply to terminal "C" on the seat timer, 1.
2. Connect a test light, 2, from the positive (+) terminal of a 12-volt power supply to terminal "A" on the seat timer, 1.
3. Connect a jumper wire equipped with a suitable toggle switch, 3, from the negative (-) terminal of a 12-volt power supply to terminal "B" on the seat timer, 1.
4. Connect a jumper wire from the negative (-) terminal of a 12-volt power supply to terminal "D" on the seat timer, 1.
5. Switch the toggle switch to the "On" position and observe the test light, 2. The test light should illuminate.



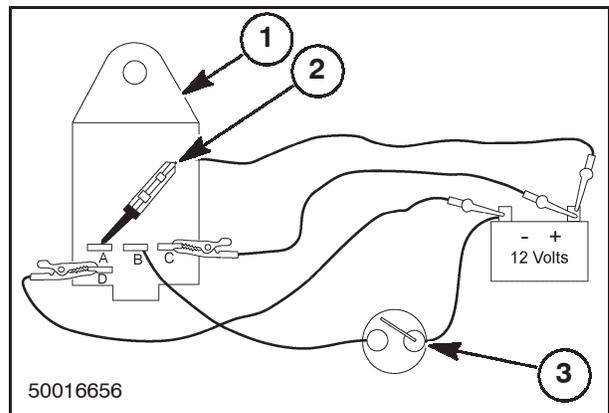
48

OFF POSITION

1. Switch the toggle switch to the "Off" position and observe the test light. The test light should illuminate for approximately 2 seconds and then turn off. If the test light fails to illuminate or does not turn off after approximately 2 seconds, the seat timer is defective and requires replacement.

**Installation**

2. Install the seat safety switch timer by using the retaining bolt.
3. Connect the connector to the seat safety switch timer.
4. Connect the negative (-) battery cable to the negative (-) battery terminal.



49

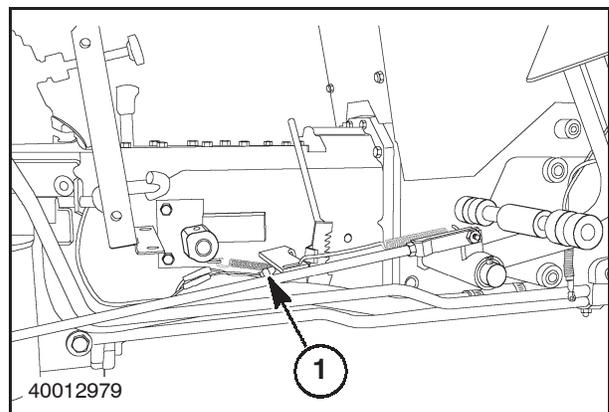
**PARKING BRAKE SAFETY SWITCH**

Op. 55 408

**Description**

**NOTE:** The right-side operator platform was removed to better show the position of the brake switch.

The parking brake safety switch, 1, is a single-pole, push-button type switch located directly behind the parking brake lever. When the parking brake is engaged, the switch contacts are closed, allowing the tractor to start or run with the operator out of the operator seat, providing the Mid PTO is NOT engaged and the range is in neutral.



50