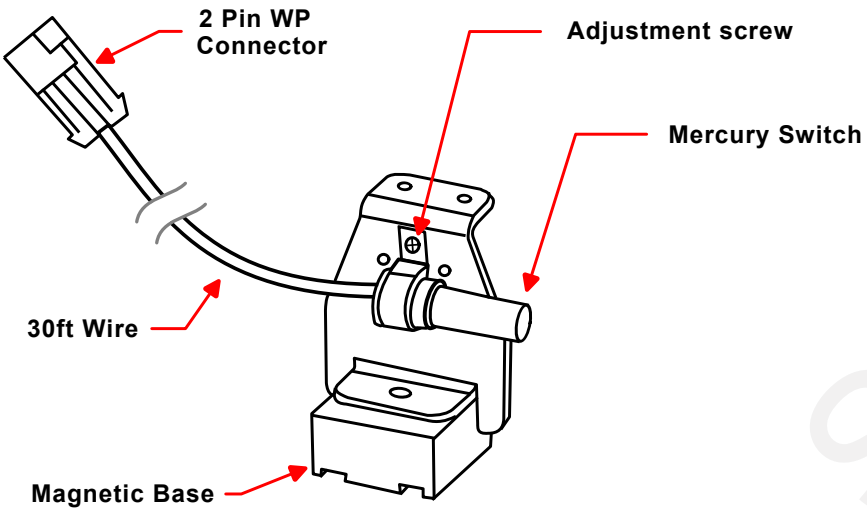
396-02-1560 Mercury Implement Height Switch

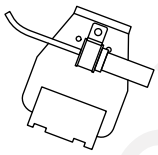
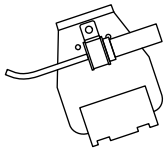
Item No. 501-1005

Some rate controllers allow the use of a switch to indicate implement position. This allows the system to turn on or off as the implement is raised or lowered, reducing overapplication and product waste. SurePoint's 501-1005 switch supplies a height signal for systems that require it for proper operation.



To install:

1. Remove the ceramic protectors from the magnetic base.
2. Place the switch in a location where it will be articulated as the implement is raised and lowered so that the switch will be activated with implement movement. A wheel frame or three-point arm works well.
3. Connect the switch connector to the harness connector labeled "IMPLEMENT" or "HEIGHT SWITCH".
   Orientation:

Wire up, implement up.	Wire down, implement down.
	

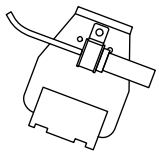
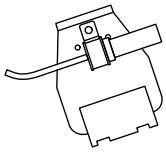
4. Route and secure wiring.
5. Testing:
   - Access the display and verify that the implement position displays correctly. On a Sentinel system, the **MASTER** switch displays an arrow indicating implement position.





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- If necessary, test continuity at the switch connector.

Wire up, no continuity.	Wire down, continuity present.
	

6. Adjust the switch activation point by tilting the mercury switch. To adjust, loosen the adjustment screw, then:
   - If the system turns off too late when lifting, tilt the switch so that the wires are higher.
   - If the system turns on too late when lowering, tilt the switch so that the wires are lower.
7. Tighten the adjustment screw when finished.

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