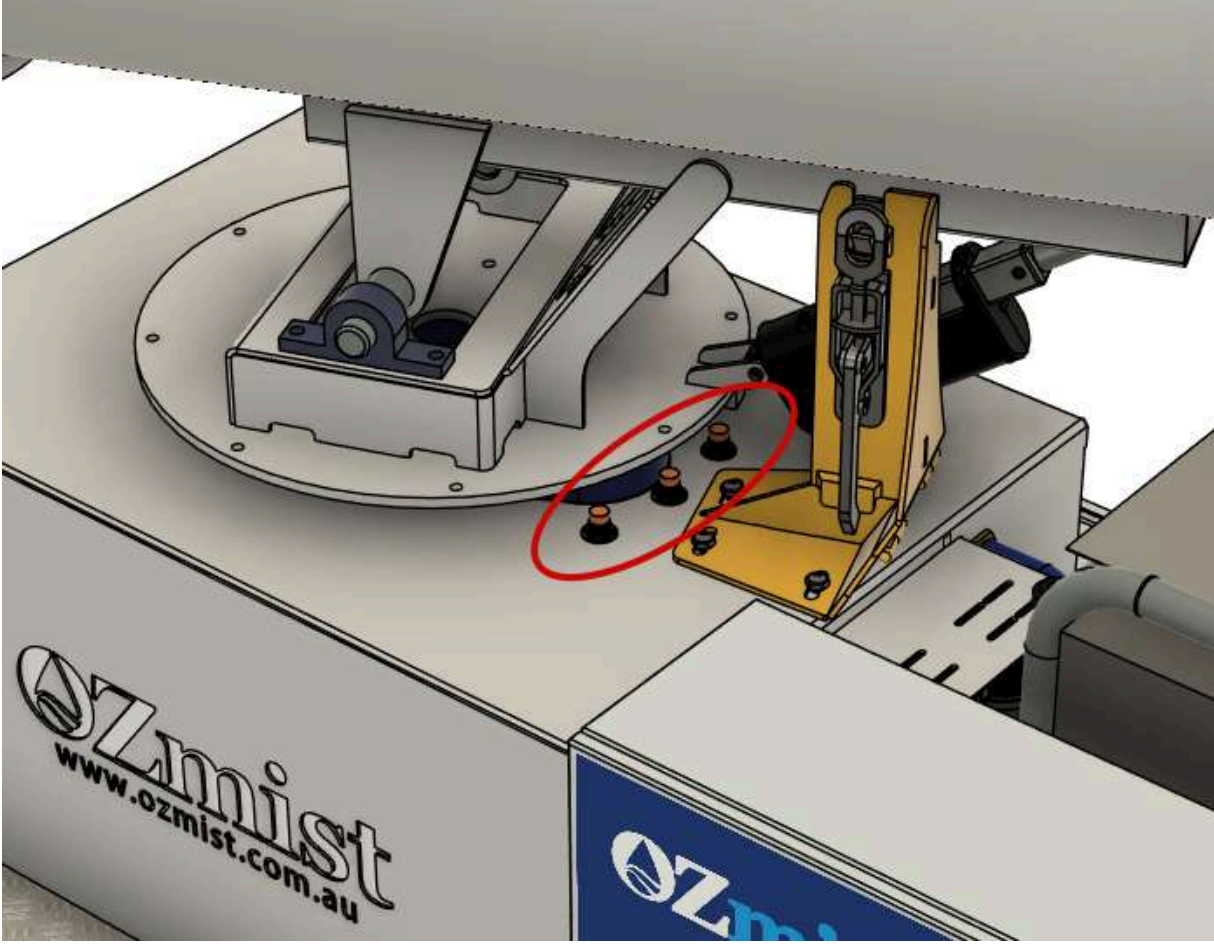


45AU SERIES

TROUBLESHOOTING STEPS – PROXY SENSORS



PROXY SENSOR LOCATION

FIRST GEN



SECOND GEN CURRENT



TWO VERSIONS ARE NOT COMPATIBLE WITH ONE ANOTHER

OVERVIEW

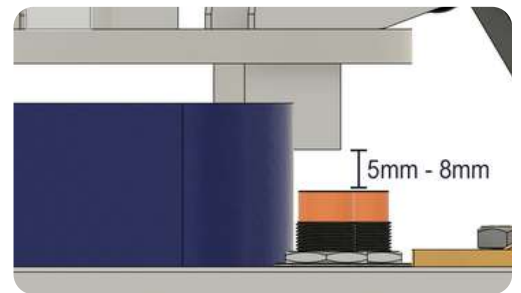
These steps will guide you through:

- checking proxy sensor height & operation
- Verifying relay activity inside the control cabinet

IMPORTANT: ALL TESTS MUST BE PERFORMED WHILE THE CANNON IS OPERATING.
COMPONENTS INSIDE THE CONTROL PANEL ARE LIVE (24V) — TAKE CARE WHEN WORKING NEAR EXPOSED TERMINALS.

PROCESS STEPS

- **Locate the Proxy Sensors**
 - The Proxy Sensors are mounted on the turret box near the oscillation motor.
- **Check Sensor Height**
 - Ensure each Proxy Sensor is spaced 5–8mm above the target surface.
 - Adjust if required.
- **Test Proxy Sensor Operation**
 - With the machine running, hold a thin piece of steel (or a screwdriver) above the top of one of the outer sensors.
 - When triggered, a red indicator light will illuminate on the underside of the sensor.
 - With the Cannon in motion, it will abruptly change direction.
 - If the red light activates & the cannon changes direction → proceed to the next Step.
 - If no light activates → there may be a fault. Either consult OZmist or a qualified Electrician.



PROCESS STEPS

- **Inspect Relay Operation (Control Cabinet)**
 - A key is required to open the control cabinet.
- **Identify the relays corresponding to the proxy sensors.**
 - **Orientation from left to right:**
 - **Outer Proxy**
 - **Outer Proxy**
 - **Centre “Dead Man” Proxy**
- **Trigger each Proxy Sensor again using the steel piece (or a screwdriver).**
- **Observe the relays:**
 - Each relay should show a green status light when its sensor is triggered.
 - The relay should not be constantly illuminated.
- **If a relay light is constantly on without the sensor being triggered, there may be a sensor or relay fault.**

If the issue persists, please contact OZmist, and one of our friendly staff members will reach out with the next steps to resolve the issue.

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