



SET UP THROTTLE CONTROL

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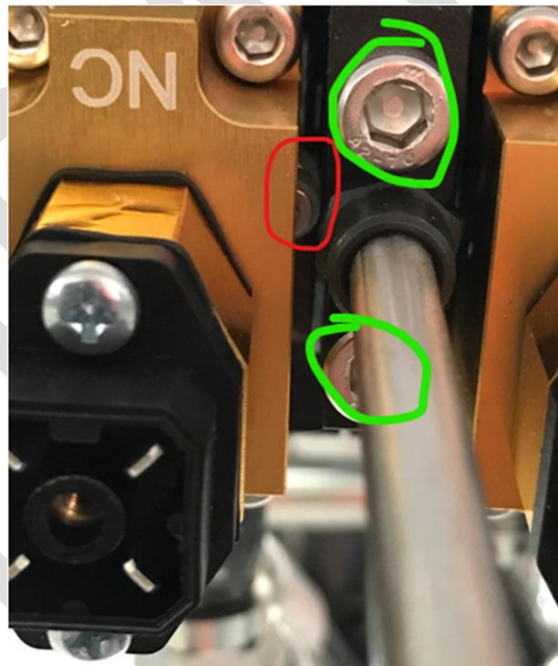
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N.	DATE	DESCRIPTION	CREATED BY	CHECK/APPROVE
1	05/10/23	Original	Snehal Rana	

Fault Diagnosis: Slew Section Feedback Switches

Issue:

- The fault involves two limit switch rollers (circled in red) on the slew section of the HAWE valve. These rollers contact the dark grey block attached to the valve handle, which moves **up** or **down** depending on the direction:
- One switch triggers for **Slew CW** (clockwise).
- The other triggers for **Slew CCW** (counter clockwise).

In following, the **Slew CW feedback** is **off**, making the PLC detect the valve as out of neutral.



Troubleshooting Steps:

1. Test Handle Movement:

- Move the handle **up** and **down** to check the rollers. Listen for a faint *click* as they activate.

2. Adjust Dark Grey Block:



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- Loosen the **cap screws** (circled green) and adjust the block slightly closer to or away from the rollers.
- Ensure the block's *machined face* contacts the rollers correctly (not backwards or upside down).

3. Check Wiring:

- Inspect the feedback switch wiring for any issues.

Following these steps should resolve the slew section feedback switch fault.

DRAFT