

This Pressure Switch Is Giving Me Bad Vibes

MFWP Suction Pressure Switch Failure Leads to
SCRAM.

Please Don't Lick The Van



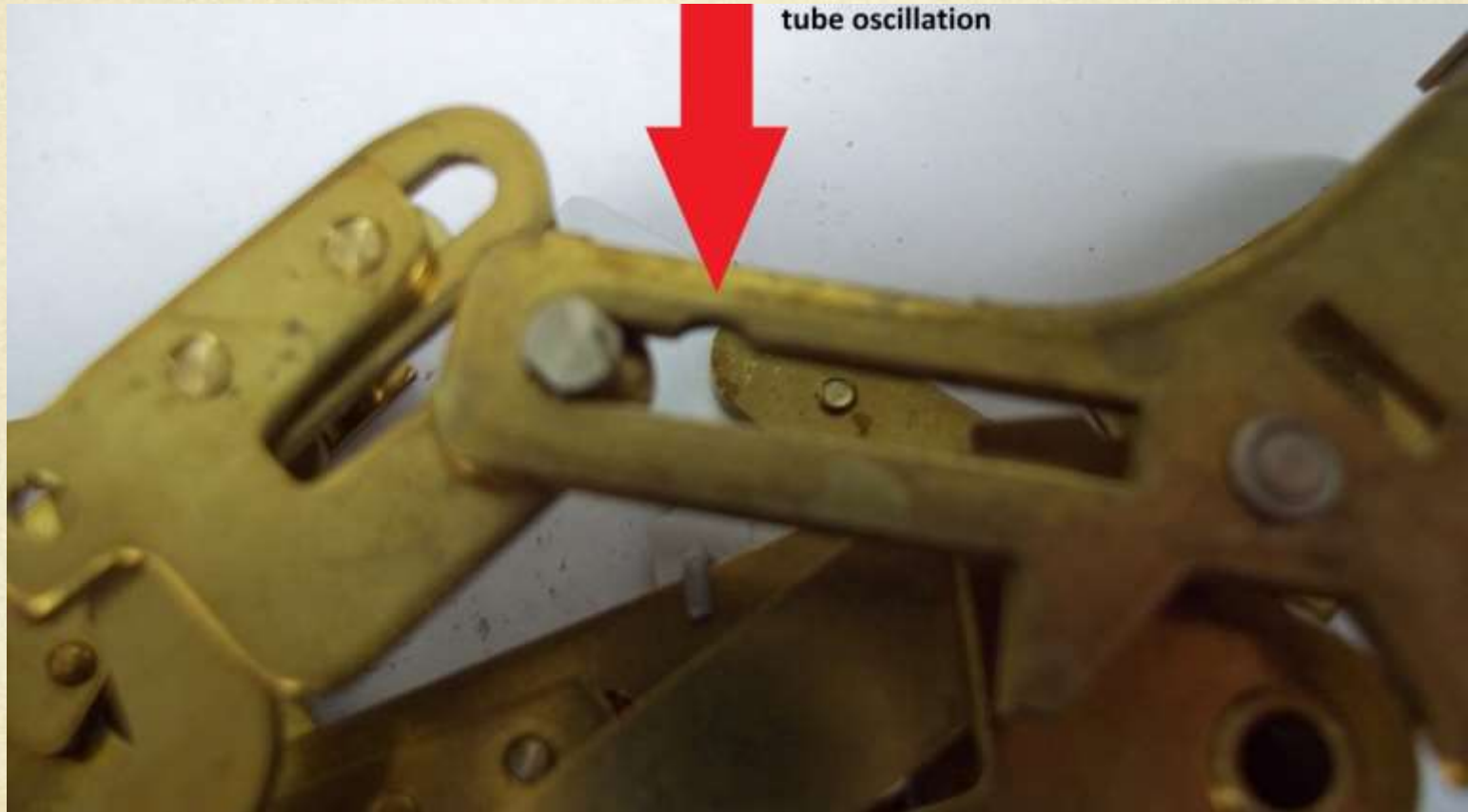
Tell-Tale



Timeline

- Original Pressure Switch Replace 25 MAY 2010
 - Original replaced due to failure after 38 years.
 - Original failure resulted in SCRAM.
- Replacement Switch Failed 0652 03 APR 2015
- Manual Rx SCRAM Due To FWP Lockout 23s Later
- 3,000 MWh lost.

Mercoïd DSW-7223-153S1-10S



Why Why Why

- Why FWP Trip?
 - Disconnected Linkage
- Why Linkage Became Disconnected?
 - C-Clip Mechanical Wear Resulting in Failure
- Why C-Clip Fell Off?
 - Vibration-Induced Oscillations of Bourdon Tube

Hairy Eyeball



I Know Because I...

○ LOOKED!

- Focused Observations of Newly-Installed Equipment
- QUESTIONS?
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