2500 Series Preventative Maintenance Annual Recommendations

-20210122

# Revision History

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| --- | --- | --- | --- | --- |
| **REV** | **Comment** | **Date** | **Changed By** | **Approved By** |
| A | Initial Release | 22-Jan-2021 | Jeremiah Klasen | Pat Wisecup |

# Overview

This procedure outlines the general steps to perform preventative maintenance on the 2500 Automatic Tank Gauge (ATG) on an annual basis.

# Recommendations

* 1. Take the 2500ATG apart.
	2. Clean, lubricate, and check the functionality of the **Counter**, **Negator** **Motor** or **Cassette**, and **Check Knob Spring/Assembly**.
	3. Verify the alignment of the **Pinion/Dial Gears**.
	4. Check that the **Sprocket Setscrew** is tight.
	5. If a transmitter is installed on the 2500ATG, verify that the **red fiber washers** have been removed from the bolts used to mount the transmitter to the back cover.
	6. Replace any worn/broken parts with genuine Varec spare parts.
	7. Re-assemble the 2500ATG.
	8. Set the **mechanical gauge level** to match a manual hand gauge.