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## TSB 2013.07.003 AG Series Reels Installation Instructions

Affected Reels: AG Series Spring Reels

Time Required: 10 min

Priority: **On Commissioning**

Date Issued: July-2013

### **Description:**

Hannay "AG" reels are set at the factory to a level where the air flow is partially restricted, meaning the hose (whether installed by Hannay Reels or by the end user) should retract at a slow, even rate, as the reel is designed. However, in instances where the hose retracts either too fast or too slow for the application, the reel has been designed for simple adjustment.

### **Actions Required:**

Before adjusting rewind speeds, it is essential that you follow the instructions in TSB #2013.07.005 (Form H-9803-TSB) ("Installing Hose or Cable on a Hannay Spring Retractable Reel"). The step, setting proper spring tension, needs to be verified before adjusting the air outflow per the steps below.

#### To Speed Up the Reel

1. Open the air adjustment screw counterclockwise 1/2 turn (allows more airflow and will speed the rewind of the hose). If 1/2 turn is not enough, go an additional 1/2 turn at a time until the desired speed is reached.
2. If the rewind speed is still too slow, add another turn of spring tension to the reel if possible. Refer to publication H-9803-SR for further details.

#### To Slow Down the Reel

1. Close the air adjustment screw clockwise 1/2 turn (which restricts airflow and will slow the rewind of the hose). If 1/2 turn is not enough, go an additional 1/2 turn at a time until the desired speed is reached.
2. If the rewind speed is still too fast, remove 1 to 2 turns of spring tension for the reel according to the instructions in publication TSB# 2013.07.005.

### **Periodic Maintenance of "AG" Reels:**

The only routine maintenance item on "AG" reels necessary is lubrication of the air motor. For normal operation, a few drops of a detergent SAE #10 automotive oil directed into one of the air motor ports every 3 to 4 months is sufficient. More frequent lubrication may be needed when service is severe, such as high heat or very low temperatures, or if the reel is in constant use.

If the reel is not used or remains in storage for more than a couple of months, the air motor could be susceptible to internal rust formation. To prevent this, it is recommended that the air motor be "exercised" occasionally by lubricating and then rotating the reel in both directions several times.

