



Redtail Gauge Head

This document contains the recommended procedures for installing a Hawkeye Industries Redtail Gauge Head.

Requirements

Ensure that the tank is prepared to accept a Redtail Gauge Head (per Tank Preparation Instructions,) and has been fitted with a float and float guide kit.

NOTE: Do not remove tape from the indicator spool until instructed to do so.

Contents

A.) Installing Redtail Gauge Head

Tools

- ▶ Pipe Wrench
- ▶ 3" Wrench (optional)
- ▶ 1/2" Wrench
- ▶ Crescent Wrench
- ▶ Thread Sealant
- ▶ Cable Cutter

Parts Required

QTY	Part
▶ 1	Redtail Gauge Head
▶ 1	2 NPT x 6" Nipple *

* Or other connection to mate 2 FNPT Redtail Connection to tank.

A.) Installing Redtail Gauge Head

1.)

APPLY THREAD SEALANT

Apply thread sealant to one end of a 2" x 6" nipple and thread it into the 2 NPT coupling located between the float guide 1-1/4 NPT couplings. Tighten nipple with a pipe wrench.

2.)

APPLY THREAD SEALANT

Pull float cable from the 2" opening on the gauge head and feed it through the nipple and coupling down into the tank.

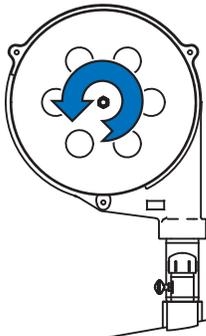
3.)

Apply thread sealant to the exposed nipple end and thread the gauge onto the nipple. Tighten the gauge onto the nipple with a 3" wrench and pipe wrenches so that the open side of the gauge is aligned with the gauge board and faces towards the board.

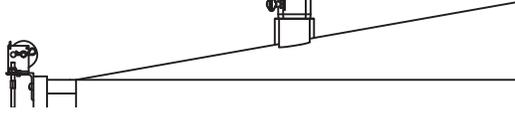
4.)

Unravel the rest of the float cable, if it has not already done so on its own, into the tank and remove the nut and washer from the float cable stud. Feed the stud and cable through the center hole of the float and replace the nut and washer. Tighten the nut until there are three threads showing.

5.)



COUNTER CLOCKWISE
UNTIL FLOAT BARELY
LIFTS OFF TANK BOTTOM

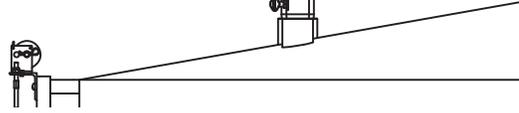


Rotate the indicator spool counter clockwise until you feel the float barely lift off the floor of the tank.

6.)

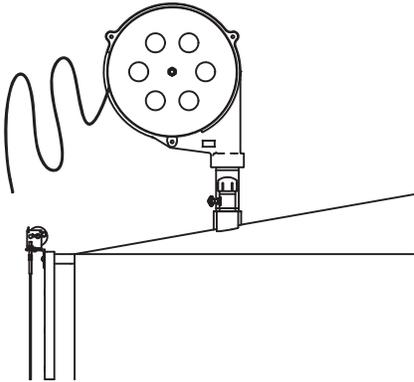


3 FULL REVOLUTIONS
CLOCKWISE



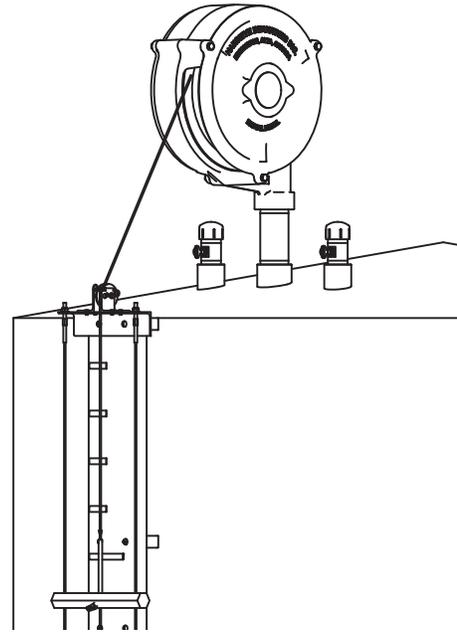
Rotate the open reel 3 revolutions clockwise.

7.)



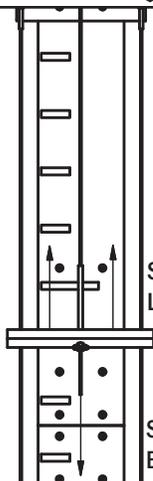
Remove the tape from the open reel and pull out the 3 revolutions of loose cable (approximately 9 ft)

8.)



Pass the cable over the indicator cable pulley and through the hole in the top bracket of the indicator guide assembly. Feed the cable through the center hole of the indicator.

9.)

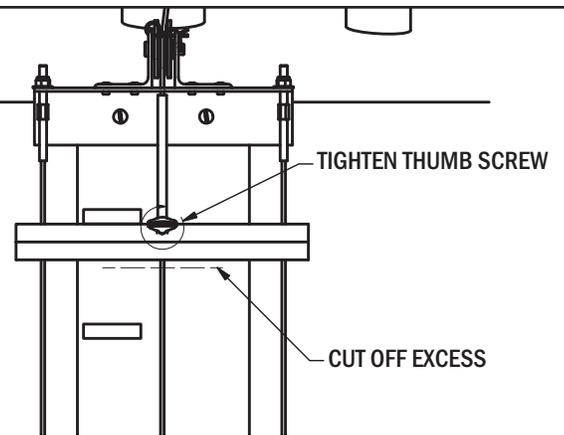


SLIDE INDICATOR TO THE MINIMUM
LEVEL ON THE GAUGEBOARD

SLIGHT TENSION TO KEEP FLOAT
BARELY ON TANK FLOOR

With slight tension on the cable to keep the float barely off the tank floor, slide the indicator over the cable to the minimum level on the gauge board.

10.)



TIGHTEN THUMB SCREW

CUT OFF EXCESS

Tighten the indicator set screw. Cut off the excess cable.

Redtail Installaton Complete
Proceed to Goshawk Installation (if required)