

# HAWKEYE INDUSTRIES INC.

**MODEL: Roadside Hawk 'S'**

**INSTRUCTIONS: Installation of fluid level indicator on tank with riser**

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## TANK PREPARATION

A. Locate position for gauge head connection on tank roof. weld a 4" – 6" #150 flange in place.

## INSTALLATION

**NOTE: DO NOT REMOVE TAPE FROM INDICATOR SPOOL UNTIL THE INSTRUCTIONS ADVISE**

**GAUGE BOARD** - Drill appropriate sized holes in gauge board (No. 11) and attach board to gauge board brackets (No. 9) using ¼" x ¾" machine screws, ¼" nuts and washers.

**INDICATOR & GUIDE KIT** - Install indicator (No. 13) and guide kit onto the gauge board. Secure top cable guide bracket (with idler pulley No. 10) to top of gauge board (No. 11) and bottom cable guide bracket (No. 15) to the bottom of gauge board using the supplied ¼" x ¾" machine screws, ¼" nuts and washers. Tighten each cable stud on top cable guide bracket (No. 10) until indicator guide cable (No. 14) is taut.

**GAUGE HEAD & FLOAT** – Thread float cable (No. 4) through 1<sup>1/2</sup>" opening on adapter flange (No. 7). Tighten gauge head to flange. Attach float cable (No. 4) to float swivel. Drop the float (No. 3) into the riser (No. 9). Attach the flange (No. 7) to the riser (No. 9) so that the open side of the gauge (No. 6) lines up with gauge board (No. 11) and faces away from the board (note the orientation of the head in). At this point, the float cable may unravel into tank. Rotate indicator spool counter clockwise until you can feel the float lift. Remove the tape from the indicator spool on the gauge head (No. 6). Secure indicator spool and unravel three wraps of cable. Release the spool and pass cable (No. 12) over the idler pulley (No. 10) and through indicator cable guide. Pull the cable until you feel the float lift off the bottom of the tank. Attach cable to indicator (No. 13) at the top of the gauge board using a cable clamp. Pull the indicator down (lifting float to the top of the tank). Reset indicator at the maximum level on the gauge board. Adjust cable, tighten clamp and cut off excess cable.

