



BLACK KNIGHT LOW TANK GAUGE



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The Black Knight tank gauge will display how many inches of fluid are left until tank is empty. The Black Knight is easily adjustable for use on tanks up to 99 inches in depth. Please follow the instructions carefully to prevent damage to the Black Knight.

CAUTION: THE BLACK KNIGHT IS NOT RECOMMENDED OR INTENDED TO BE USED IN COMBUSTIBLE OR HIGHLY FLAMIBLE LIQUIDS

Adjustment Procedure And Installation Instructions

1. Determine depth of tank (i.e., 67 inches).
2. Remove cap from end of gauge nipple.
3. Remove tissue paper allowing chain to freefall and assure chain is knot-free.
4. Grasp chain and hold chain firmly to prevent retraction while using plastic loop to completely remove shipping foam insert from inside nipple. (Save for step #6.) *See Figure 1.*
5. While still holding chain, allow chain to retract to desired number, i.e., 67 inches. Mark chain with magic marker at bottom of nipple. *See Figure 2.*
6. Pull out approximately an additional 18 inches of chain reusing foam insert to hold chain from retracting.
7. Remove eyelet from bottom of chain and cut chain at mark.
8. Attach float assembly using saved eyelet as shown and assure gauge is functioning properly. *See Figure 3.*

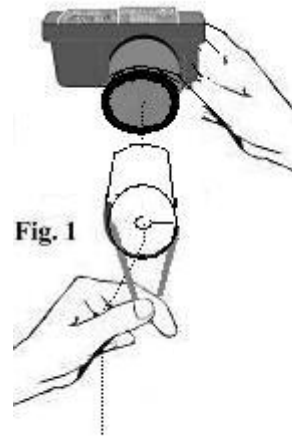


Fig. 1



FIG. 2

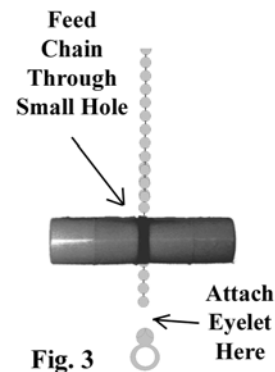


Fig. 3



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9. Apply Teflon tape or pipe sealant to nipple threads.
10. Insert float assembly into pre-selected 2-inch NPT tank bung and use the chain to slowly lower the float assembly to its rest position.
See Figure 4.

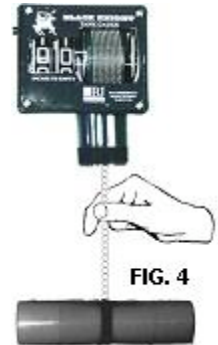


FIG. 4

Caution: Never let float assembly drop to the bottom. Always use chain to lower float. See Figure 5.

12. Tighten gauge into tank using a pipe wrench on the nipple only.
See Figure 6.



Fig. 6

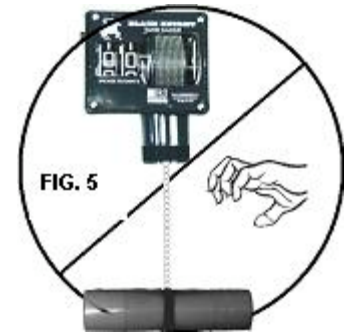


FIG. 5

Caution: Never use housing as wrench. See Figure 7.

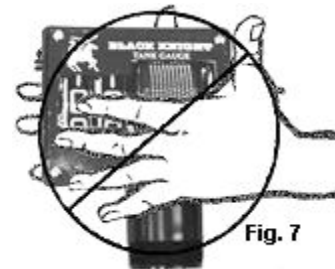


Fig. 7

13. Installation is now complete.