



MODEL #7600  
Recommended Installation, Maintenance  
and Inspection Instructions

7600

## Black Knight™ Tank Gauge

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS IN A READILY ACCESSIBLE LOCATION.

 **WARNING** Never use with gasoline or highly flammable liquids.

### INSTALLATION INSTRUCTIONS

NOTE: Always adhere to installation / usage instructions and warnings. Improper use may result in injury, damage or hazardous spill.

1. Determine tank depth in inches.
2. Remove cap from gauge nipple.
3. Remove tissue paper allowing chain to free-fall.
4. Confirm chain is knot-free.
5. While holding chain firmly, use plastic loop to remove shipping foam insert from inside nipple. **Do not let go of chain: It will retract into body and be irretrievable.**
6. While holding chain firmly, retract chain slowly until gauge shows tank depth (determined in step 1) and mark chain at bottom of nipple.
7. Pull out approximately an addition 18" / 452 mm of chain.
8. Reinstall shipping foam insert to keep chain from retracting.
9. Remove eyelet from end of chain.
10. Cut chain at mark.
11. Feed chain through small hole in float.
12. Reattach eyelet to end of chain.
13. Remove shipping foam insert.
14. Slowly pull float down then retract to confirm gauge is functioning properly.
15. Apply Teflon tape or appropriate pipe thread sealant to male threads of gauge. Ensure there is no sealant on the chain or internal mechanism, as this may void the warranty.
16. Using the chain, slowly lower the float assembly to the bottom of the tank - do not drop float in.
17. Install gauge to tank, tighten firmly - approximately 1 to 2 turns past hand tight - but do not overtighten.

**DO NOT OVERTIGHTEN. DO NOT USE HOUSING AS A WRENCH.  
ALWAYS USE CHAIN TO LOWER FLOAT TO BOTTOM OF TANK.**

### TESTING / MAINTENANCE / INSPECTION



- Quarterly
- Remove gauge from tank and confirm smooth movement of chain.

- Apply city, state, or federal testing regulations as appropriate.

**ANY TEST / INSPECTION FAILURE  
REQUIRES IMMEDIATE EQUIPMENT  
REPLACEMENT OR REMOVAL FROM  
SERVICE.**

**MADE IN THE USA**

**ALWAYS ADHERE TO INSTALLATION / USAGE INSTRUCTIONS AND WARNINGS.**

Improper use may result in injury, damage, or hazardous spill.

**GENERAL WARNINGS / INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS:**

- Use of equipment is at individuals' own risk.
- Always abide and adhere to city, state, and federal regulations regarding use and installation of monitoring equipment.
- Always follow the product manufacturer's installation and maintenance instructions.



- Always turn off all power to monitor during maintenance activities.
- Always replace or remove from service damaged equipment immediately.



- Always report leaks / spills / accidents to appropriate authorities.



- Always wear appropriate safety equipment during maintenance and inspection activities.



- Always have appropriate fire extinguishing equipment within 5 ft / 1.5 m of tanks.
- Always use Teflon tape or appropriate thread sealant.



- The tank contents are the sole responsibility of the tank owner.



- Never allow waste product to touch eyes or skin.



- Never install monitors outdoors without proper protection from the elements.



- Never use on below ground storage tanks.



- Never exceed the maximum milliamps specified in manufacturer's installation and maintenance instructions.

- Never solely rely on this product; there is no substitute for human supervision.

- Never to be used as a component of any automatically controlled pump transfer system.

**CAUTION: NEVER USE HOUSING AS A WRENCH!**

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS IN A READILY ACCESSIBLE LOCATION.

**WARRANTY**

Husky Corporation will, at its option, repair, replace, or credit the purchase price of any B J Enterprises or B J Enterprises now part of Husky, product deemed to be defective in material and/or workmanship for a period of one (1) year.

Buyer must return the products to Husky, transportation charges prepaid. The warranty excludes damages due to malfunction, failure to follow manufacturer's installation, operation or maintenance instructions and guidelines, unauthorized modifications or alterations, abuse, or misuse.

The warranty provisions contained herein apply only to original purchasers who use the equipment for commercial or industrial purposes. There are not other warranties of merchantability, fitness for a particular purpose, or otherwise, and any other such warranties are hereby specifically disclaimed.

Husky assumes no liability for labor charges or other costs incurred by Buyer incidental to the service, adjustment, repair, return, removal or replacement of products. Husky is not responsible for any losses (including loss of profits or revenues) incurred by the purchaser during the time necessary to repair the equipment. Husky assumes no liability for any incidental, consequential, or other damages under any warranty, express or implied, and all such liability is hereby expressly excluded.

Husky reserves the right to change or improve the design of any Husky Oil Filter Crushers, Tank Monitors, Tank Gauges, Overfill Alarms, Overfill Accessories, Air Shut-off Valves, Solenoid Valves, and Electronic Drain Valves without assuming any obligations to modify any Husky Oil Filter Crushers, Tank Monitors, Tank Gauges, Overfill Alarms, Overfill Accessories, Air Shut-off Valves, Solenoid Valves, and Electronic Drain Valves previously manufactured.



MODEL #8164  
Recommended Installation, Maintenance  
and Inspection Instructions

8164

## Black Knight™ Tank Gauge

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**WARNING** Never use with gasoline or highly flammable liquids.

## INSTALLATION INSTRUCTIONS

NOTE: *This application will not register any fluid lower than 5" / 127 mm from bottom of the tank or 5" / 127 mm from top of the tank.*

1. Determine tank depth in inches.
2. Remove cap from gauge nipple.
3. Remove tissue paper allowing chain to free-fall.
4. Confirm chain is knot-free.
5. While holding chain firmly, use plastic loop to remove shipping foam insert from inside nipple. Do not let go of chain - it will retract into body and be irretrievable.
6. While holding chain firmly, retract chain slowly until gauge reads 5" less than tank depth (determined in step 1) and mark chain at bottom of nipple.
7. Pull out approximately an additional 18" of chain.
8. Reinstall shipping foam insert to keep chain from retracting.
9. Cut chain at mark.
10. Attach chain to vertical float.
11. Remove shipping foam insert.
12. Slowly pull float down then retract to confirm gauge is functioning properly.
13. Apply Teflon tape or appropriate pipe thread sealant to male threads of gauge. Ensure there is no sealant on the chain or internal mechanism, as this may void the warranty.
14. Using the chain, slowly lower the float assembly to the bottom of the tank (do not drop float in).
15. Install gauge to tank, tighten firmly - approximately 1 to 2 turns past hand tight - but do not overtighten.

**DO NOT OVERTIGHTEN. DO NOT USE HOUSING AS A WRENCH.  
ALWAYS USE CHAIN TO LOWER FLOAT TO BOTTOM OF TANK.**

## TESTING / MAINTENANCE / INSPECTION



Quarterly  
• Remove gauge from tank and confirm smooth movement of chain.

- Apply city, state, or federal testing regulations as appropriate.

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FAILURE REQUIRES IMMEDIATE  
EQUIPMENT REPLACEMENT OR  
REMOVAL FROM SERVICE.**

**MADE IN THE USA**

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- Always follow the product manufacturer's installation and maintenance instructions.
- Always turn off all power to monitor during maintenance activities.



- Always replace or remove from service damaged equipment immediately.
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- Never install monitors outdoors without proper protection from the elements.



- Never use on below ground storage tanks.



- Never exceed the maximum milliamps specified in manufacturer's installation and maintenance instructions.

- Never solely rely on this product; there is no substitute for human supervision.

- Never to be used as a component of any automatically controlled pump transfer system.

## CAUTION: NEVER USE HOUSING AS A WRENCH!

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### WARRANTY

Husky Corporation will, at its option, repair, replace, or credit the purchase price of any B J Enterprises or B J Enterprises now part of Husky, product deemed to be defective in material and/or workmanship for a period of one (1) year.

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The warranty provisions contained herein apply only to original purchasers who use the equipment for commercial or industrial purposes. There are not other warranties of merchantability, fitness for a particular purpose, or otherwise, and any other such warranties are hereby specifically disclaimed.

Husky assumes no liability for labor charges or other costs incurred by Buyer incidental to the service, adjustment, repair, removal or replacement of products. Husky is not responsible for any losses (including loss of profits or revenues) incurred by the purchaser during the time necessary to repair the equipment. Husky assumes no liability for any incidental, consequential, or other damages under any warranty, express or implied, and all such liability is hereby expressly excluded.

Husky reserves the right to change or improve the design of any Husky Oil Filter Crushers, Tank Monitors, Tank Gauges, Overflow Alarms, Overflow Accessories, Air Shut-off Valves, Solenoid Valves, and Electronic Drain Valves without assuming any obligations to modify any Husky Oil Filter Crushers, Tank Monitors, Tank Gauges, Overflow Alarms, Overflow Accessories, Air Shut-off Valves, Solenoid Valves, and Electronic Drain Valves previously manufactured.