

BKI FT0044

BKI FT0044 3/8-inch 90-Degree Black Street Ell Instruction Manual

Genuine OEM Replacement Part

1. INTRODUCTION

This manual provides essential information for the proper handling, installation, and maintenance of your BKI FT0044 3/8-inch 90-Degree Black Street Ell. This component is a genuine Original Equipment Manufacturer (OEM) replacement part, designed to meet the exact specifications and quality standards of the original component in your appliance or system. Adhering to these instructions will help ensure optimal performance and longevity of the part.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged.

- 1 x BKI FT0044 3/8-inch 90-Degree Black Street Ell (Replacement Part)

3. PRODUCT FEATURES AND BENEFITS

The BKI FT0044 Street Ell offers several advantages as a genuine OEM part:

- **Guaranteed Compatibility:** OEM parts fit and function exactly like the original components, ensuring a perfect match for your system.
- **Higher Quality and Reliability:** OEM parts are built to the same stringent quality standards as the original components, reducing the risk of premature failure and ensuring consistent performance.
- **Safety Assurance:** Using genuine parts provides peace of mind that your equipment remains safe to operate, as they are designed to meet all safety specifications.
- **Maintain Your Warranty:** Utilizing genuine OEM parts is less likely to void your equipment's warranty, protecting your investment.

4. PRODUCT OVERVIEW

The BKI FT0044 is a 3/8-inch 90-degree street ell, typically used in piping systems to change the direction of flow

by 90 degrees. A "street" ell features one male (external) threaded end and one female (internal) threaded end, allowing it to connect directly to another fitting without the need for a nipple.



Figure 4.1: Main view of the BKI FT0044 Street Ell, showing its 90-degree bend and threaded ends. This image highlights the overall shape and texture of the fitting.



Figure 4.2: Angled view of the BKI FT0044, clearly displaying the male (external) threads on one end and the female (internal) threads on the other. This perspective helps identify the connection types.



Figure 4.3: Side profile of the BKI FT0044, illustrating the curvature of the 90-degree bend. This view emphasizes the compact design of the fitting.



Figure 4.4: Top-down angled view of the BKI FT0044, providing another perspective on the threaded connections and the overall robust construction of the part.

5. INSTALLATION (SETUP)

Proper installation is crucial for preventing leaks and ensuring the integrity of your piping system. If you are unsure about any step, consult a qualified professional.

1. **Safety First:** Before beginning any work, ensure that the system is depressurized and drained, and that any associated power sources are disconnected to prevent injury or damage.
2. **Prepare Connections:** Clean the threads of both the BKI FT0044 Street Ell and the mating pipe or fitting. Remove any old sealant, dirt, or debris.
3. **Apply Thread Sealant:** Apply an appropriate thread sealant (e.g., PTFE tape or pipe dope) to the male threads of the street ell. Ensure even coverage to create a watertight seal.
4. **Hand-Tighten:** Carefully thread the street ell onto the mating pipe or fitting. Hand-tighten until snug. Avoid cross-threading.
5. **Wrench-Tighten:** Using a pipe wrench, tighten the fitting an additional 1 to 3 turns past hand-tight, or as recommended by the sealant manufacturer. Do not overtighten, as this can damage the threads or the fitting itself.
6. **Verify Alignment:** Ensure the fitting is correctly oriented to achieve the desired 90-degree change in direction.
7. **Test for Leaks:** Once installation is complete and the system is repressurized, carefully inspect all connections for any signs of leaks. Address any leaks immediately by re-tightening or re-applying sealant as necessary.

Note: The specific torque requirements may vary based on the material of the mating pipe and the type of sealant

used. Always refer to the sealant manufacturer's instructions.

6. OPERATING

The BKI FT0044 Street Ell is a passive component designed to facilitate the redirection of fluid or gas flow within a piping system. It does not have active operational controls or settings. Once properly installed, its function is to maintain a sealed connection and direct flow at a 90-degree angle according to the system's design.

7. MAINTENANCE

To ensure the long-term reliability of your BKI FT0044 Street Ell and the overall piping system, periodic inspection is recommended.

- **Visual Inspection:** Regularly check the fitting and surrounding connections for any signs of leaks, corrosion, rust, or physical damage.
- **Environmental Factors:** Ensure the fitting is not exposed to extreme temperatures, corrosive chemicals, or excessive vibration that could compromise its integrity over time.
- **Cleaning:** If necessary, clean the exterior of the fitting with a mild cleaner and a soft cloth. Avoid abrasive materials or harsh chemicals that could damage the finish or material.

If any issues are detected, address them promptly to prevent further damage to the system.

8. TROUBLESHOOTING

Most issues related to pipe fittings involve leaks or improper connections.

Problem	Possible Cause	Solution
Leak at connection point	Insufficient thread sealant, damaged threads, loose connection, cross-threading.	Depressurize system. Disassemble, clean threads, reapply thread sealant, and re-tighten properly. If threads are damaged, replace the fitting or pipe.
Fitting does not align correctly	Improper initial threading, obstruction, incorrect fitting type.	Ensure threads are clean and free of debris. Verify you are using the correct size and type of fitting. Re-thread carefully, ensuring it starts straight.
Visible corrosion or damage	Environmental exposure, chemical reaction, physical impact.	Replace the damaged fitting immediately to prevent system failure. Investigate and mitigate environmental factors if possible.

9. SPECIFICATIONS

Attribute	Detail
Brand	BKI
Model Number	FT0044
Part Type	Ell, Street, 90 Degree
Size	3/8 inch
Color/Finish	Black (typically refers to black iron pipe fittings)

Attribute	Detail
Product Dimensions	1.95 x 6 x 9 inches; 2.24 ounces
Manufacturer	Bki
ASIN	B07561G5TG

10. WARRANTY AND SUPPORT

As a genuine OEM replacement part, the BKI FT0044 is manufactured to high standards and is typically covered by the original equipment manufacturer's warranty for parts. For specific warranty details, please refer to the documentation provided with your original appliance or contact BKI customer support directly.

For technical assistance or further inquiries regarding this part, please contact BKI customer service through their official channels. Always provide the model number (FT0044) and any relevant appliance information when seeking support.