

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [TOTO](#) /

> [TOTO TST454EA01 Drake II 1.28 GPF Toilet Tank Instruction Manual](#)

## TOTO ST454EA#01

# TOTO TST454EA01 Drake II 1.28 GPF Toilet Tank Instruction Manual

Model: ST454EA#01

Brand: TOTO

## 1. INTRODUCTION

---

Thank you for choosing the TOTO TST454EA01 Drake II 1.28 GPF Toilet Tank. This manual provides essential information for the safe and correct installation, operation, and maintenance of your new toilet tank. Please read these instructions thoroughly before beginning installation or use, and keep this manual for future reference.

This tank is designed to be paired with compatible TOTO Drake II or Vespin II toilet bowls, offering a modern aesthetic and efficient 1.28 gallons per flush (GPF) performance.

## 2. SAFETY INFORMATION

---

**WARNING:** Failure to follow these safety instructions could result in personal injury or property damage.

- Always shut off the main water supply before attempting any installation, repair, or maintenance.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- The toilet tank is heavy. Use proper lifting techniques or seek assistance to prevent injury.
- Ensure all connections are secure and leak-free before restoring water supply.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

## 3. PACKAGE CONTENTS

---

Carefully unpack the carton and ensure all components are present and undamaged. If any parts are missing or damaged, do not proceed with installation. Contact TOTO customer service or your retailer immediately.

- TOTO TST454EA01 Drake II 1.28 GPF Toilet Tank (Cotton finish)

- Internal tank components (fill valve, flush valve, trip lever assembly)
- Tank-to-bowl mounting hardware



Image: The TOTO TST454EA01 Drake II 1.28 GPF Toilet Tank in Cotton finish, featuring a sleek design.

## 4. INSTALLATION

---

This section outlines the general steps for installing the toilet tank. For detailed, model-specific instructions, refer to the full installation guide provided with your toilet bowl and tank assembly.

### 4.1 Pre-Installation Steps

1. Ensure the toilet bowl is securely installed according to its instructions.
2. Shut off the water supply to the toilet area.
3. Gather necessary tools: adjustable wrench, screwdriver, level, sealant (if required).

### 4.2 Attaching the Tank to the Bowl

1. Place the large rubber gasket (spud washer) over the flush valve opening on the bottom of the tank.
2. Carefully align the tank with the bolt holes on the back of the toilet bowl.
3. Insert the tank-to-bowl bolts through the holes in the tank and bowl. Secure with washers and nuts from underneath the bowl.

4. Tighten the nuts evenly until the tank is snug and stable on the bowl. Do not overtighten, as this can crack the porcelain.

### 4.3 Connecting the Water Supply

1. Connect the flexible water supply line (not included) from the shut-off valve to the fill valve shank at the bottom of the tank.
2. Hand-tighten the connection, then use an adjustable wrench for a final quarter-turn. Do not overtighten.
3. Slowly turn on the water supply valve and check for leaks at all connections. Tighten slightly if necessary.
4. Allow the tank to fill. The fill valve will automatically stop when the water reaches the appropriate level.



Image: Close-up view of the chrome left-hand flush lever, designed for comfortable operation.

## 5. OPERATION

---

The TOTO TST454EA01 tank operates with a standard left-hand trip lever. Pressing the lever initiates a

powerful 1.28 GPF flush, designed for efficient waste removal while conserving water.

- To flush, simply press down on the left-hand lever.
- The tank will refill automatically after each flush.

## 6. MAINTENANCE

---

Regular cleaning and inspection will help maintain the performance and longevity of your TOTO toilet tank.

### 6.1 Cleaning

- Clean the exterior of the tank with a soft cloth and mild, non-abrasive cleaner.
- Avoid using harsh chemicals, abrasive pads, or cleaners containing bleach, as these can damage the finish.

### 6.2 Internal Component Inspection

- Periodically remove the tank lid and inspect the fill valve and flush valve for wear or debris.
- Ensure the chain connecting the trip lever to the flush valve flapper is not tangled and has a slight amount of slack.
- If water levels are incorrect or the toilet runs continuously, consult the troubleshooting section or a qualified plumber.

## 7. TROUBLESHOOTING

---

This section addresses common issues you might encounter. For more complex problems, contact a professional plumber.

Problem	Possible Cause	Solution
Toilet runs continuously	Flapper not sealing, fill valve out of adjustment, or debris in valve.	Check flapper for proper seating and wear. Adjust fill valve water level. Clean any debris from the fill valve.
Weak or incomplete flush	Low water level in tank, clogged rim jets, or flapper closing too quickly.	Adjust fill valve to increase water level. Clean rim jets. Ensure flapper chain has correct slack.
Tank not filling	Water supply shut off, fill valve malfunction, or clogged supply line.	Check water supply valve. Inspect fill valve for obstructions. Ensure supply line is not kinked or clogged.

## 8. SPECIFICATIONS

---

Feature	Detail
Model Number	ST454EA#01
Flush Volume	1.28 Gallons Per Flush (GPF)
Color	Cotton

Feature	Detail
Product Dimensions	15"D x 15"W x 15"H
Material	Plastic (internal components), Ceramic (tank body)
Item Weight	28 Pounds
Installation Type	Floor Mounted (tank attaches to bowl)
Shape	Rectangular
Included Components	Tank body, internal flush mechanism, tank lid, left-hand trip lever, tank-to-bowl hardware.
Batteries Required	No

## 9. WARRANTY AND SUPPORT

---

This TOTO TST454EA01 Drake II Toilet Tank is covered under TOTO's 1-year limited manufacturer warranty. For specific warranty details, claims, or technical assistance, please refer to the warranty documentation included with your product or visit the official TOTO website.

For further support, contact TOTO customer service. When contacting support, please have your model number (ST454EA#01) and purchase information readily available.