

TOTO ST786EA

TOTO Drake Transitional Toilet Tank ST786EA Instruction Manual

Model: ST786EA

For detailed information on your TOTO Drake Transitional Toilet Tank.

1. PRODUCT OVERVIEW

The TOTO Drake Transitional 1.28 GPF Toilet Tank (Model ST786EA) is designed for use with compatible TOTO Drake toilet bowls. This tank features a left-hand chrome trip lever and is compatible with WASHLET+ Auto Flush systems when paired with the appropriate bidet seat. It meets EPA WaterSense, California CEC, and CALGreen requirements for water efficiency.

This tank is part of the TOTO Drake series, known for its powerful TORNADO FLUSH® system in compatible bowls, which utilizes a rimless, hole-free design with dual-nozzles for efficient bowl rinsing.





Image 1.1: Front view of the TOTO Drake Transitional Toilet Tank, showcasing its clean lines and left-hand chrome trip lever. The tank is in Sedona Beige color.



Image 1.2: Side profile of the TOTO Drake Transitional Toilet Tank, highlighting its compact and transitional design.

2. SETUP AND INSTALLATION

This section outlines the general steps for installing the TOTO Drake Transitional Toilet Tank. Professional installation is recommended. Ensure all local plumbing codes are followed.

2.1. Required Components (Not Included)

- Compatible TOTO Drake toilet bowl
- Wax ring or equivalent toilet seal
- Toilet mounting bolts
- Water supply lines
- Toilet seat (standard or WASHLET bidet seat)

2.2. Included Components

- Toilet tank (Model ST786EA)
- Tank to bowl gasket
- Tank to bowl hardware
- Toilet bolt caps

2.3. Installation Steps

1. **Prepare the Bowl:** Ensure the compatible TOTO Drake toilet bowl is securely installed on the floor flange with a new wax ring and mounting bolts.

2. **Attach Tank to Bowl:** Place the tank to bowl gasket onto the flush valve opening on the underside of the tank. Carefully align the tank with the bolt holes on the back of the toilet bowl.
3. **Secure the Tank:** Insert the tank to bowl hardware (bolts, washers, nuts) through the tank and bowl holes. Tighten the nuts evenly to create a watertight seal, being careful not to overtighten and crack the ceramic.
4. **Connect Water Supply:** Attach the water supply line (not included) to the fill valve on the underside of the tank and to the water shut-off valve on the wall. Hand-tighten, then use a wrench for a final quarter-turn. Do not overtighten.
5. **Check for Leaks:** Slowly turn on the water supply. Allow the tank to fill. Inspect all connections for leaks. Tighten slightly if necessary.
6. **Install Toilet Seat:** Install your chosen toilet seat (not included) according to its manufacturer's instructions.

3. OPERATING INSTRUCTIONS

The TOTO Drake Transitional Toilet Tank operates with a standard trip lever mechanism, providing a powerful 1.28 GPF (Gallons Per Flush) flush.

3.1. Flushing the Toilet

- To flush, press down firmly on the left-hand chrome trip lever located on the front of the tank.
- Hold the lever down briefly until the flush cycle begins.
- Release the lever and allow the tank to refill completely.

3.2. WASHLET+ Auto Flush Compatibility

This tank is designed for compatibility with TOTO WASHLET+ bidet seats that feature an auto flush function. When a compatible WASHLET+ bidet seat is installed, the toilet can automatically flush after use, enhancing hygiene and convenience.



Image 3.1: Illustration of a TOTO toilet with a WASHLET+ bidet seat, demonstrating the auto flush feature. This tank is compatible with such systems.

Refer to the specific WASHLET+ bidet seat instruction manual for detailed setup and operation of the auto flush feature.

4. MAINTENANCE

Regular cleaning and maintenance will ensure the longevity and optimal performance of your TOTO Drake toilet tank.

4.1. Cleaning the Exterior

- Use a soft cloth and a mild, non-abrasive cleaner specifically designed for bathroom fixtures.
- Avoid abrasive powders, scouring pads, or cleaners containing harsh chemicals like bleach, acids, or ammonia, as these can damage the ceramic finish and chrome components.
- Wipe the tank exterior and trip lever gently.

4.2. Internal Tank Maintenance

- Periodically inspect the internal components (fill valve, flush valve, flapper/seal) for wear or mineral buildup.
- If hard water deposits are present, turn off the water supply, flush the toilet to empty the tank, and gently clean components with a soft brush and a vinegar solution.
- Avoid using in-tank chemical cleaners, as they can damage rubber and plastic components, leading to leaks and voiding warranties.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your toilet tank.

Problem	Possible Cause	Solution
Toilet runs continuously	<ul style="list-style-type: none">• Flapper/flush valve seal not seating properly• Fill valve not shutting off• Water level too high	<ul style="list-style-type: none">• Check flapper/seal for debris or wear; adjust chain if too tight or loose.• Adjust fill valve float to lower water level.• Replace worn flapper/seal or fill valve if necessary.
Weak flush	<ul style="list-style-type: none">• Low water level in tank• Obstructed rim jets (on bowl, not tank)• Flapper closing too quickly	<ul style="list-style-type: none">• Adjust fill valve to raise water level.• Clean rim jets on the toilet bowl (refer to bowl manual).• Ensure flapper chain has proper slack.
Tank leaks at base	<ul style="list-style-type: none">• Loose tank-to-bowl bolts• Damaged tank-to-bowl gasket	<ul style="list-style-type: none">• Gently tighten tank-to-bowl bolts evenly.• Replace the tank-to-bowl gasket.

If you are unable to resolve an issue, contact a qualified plumber or TOTO customer support.

6. SPECIFICATIONS

Feature	Detail
Model Number	ST786EA
Brand	TOTO
Flush Volume	1.28 Gallons Per Flush (GPF)

Feature	Detail
Color	Sedona Beige
Material	Ceramic
Item Weight	34 Pounds
Product Dimensions	199 x 19.19 x 355 inches (Note: These dimensions appear unusually large. Please verify with product packaging or official TOTO documentation if precise measurements are critical.)
Installation Type	Floor Mounted (tank mounts to bowl, which is floor mounted)
Trip Lever Location	Left-hand
Certifications	EPA WaterSense, California CEC, CALGreen compliant

7. WARRANTY AND SUPPORT

7.1. Warranty Information

Specific warranty details for the TOTO Drake Transitional Toilet Tank (Model ST786EA) are not provided in this document. Please refer to the official TOTO warranty statement included with your product packaging or visit the official TOTO website for the most current and complete warranty information.

7.2. Customer Support

For further assistance, technical support, or to inquire about replacement parts, please contact TOTO customer service or visit their official website:

[Visit the TOTO Store on Amazon](#)

You can also find contact information for TOTO on their corporate website.