

Toyota 47312-22060

Toyota Genuine Front Brake Tube No. 2 (Part No. 47312-22060) Instruction Manual

1. INTRODUCTION

This manual provides essential information for the Toyota Genuine Front Brake Tube No. 2, Part Number 47312-22060. This component is a critical part of your vehicle's braking system, designed to ensure proper fluid transfer and maintain braking performance. Adherence to these instructions is crucial for safe and effective operation.

2. PRODUCT OVERVIEW

The Toyota Genuine Front Brake Tube No. 2 (Part No. 47312-22060) is an authentic replacement part manufactured to Toyota's specifications. It is designed to connect various components within the front brake system, facilitating the hydraulic pressure required for braking. Using genuine parts ensures compatibility and maintains the original performance and safety standards of your vehicle.



Image 2.1: Toyota Genuine Front Brake Tube No. 2, Part Number 47312-22060. This image displays the part number and brand logo, indicating an authentic Toyota component.

3. COMPATIBILITY

This front brake tube is compatible with specific Toyota models and production years. It is essential to verify compatibility with your vehicle before installation. Consult your vehicle's service manual or a qualified technician to confirm fitment.

- **Compatible Models:** Chaser, Cresta, Mark II
- **Compatible Model Codes:** GX50, GX51, GX60, GX61, LX60, LX67, MX60, MX63, RX60, RX63, SX60, TX50, TX60, TX67
- **Applicable Production Years:** March 1980 - July 1984

***Note:** Vehicle compatibility may vary by specific grade or trim level. Always cross-reference with your vehicle's VIN and manufacturer specifications.*

4. SPECIFICATIONS

Specification	Detail
Manufacturer	TOYOTA
Part Number	47312-22060
Item Model Number	47312-22060
Item Weight	10.6 ounces (approx. 300 grams)
Package Dimensions	7.87 x 7.87 x 7.87 inches (approx. 20 x 20 x 20 cm)

Specification	Detail
Item Package Quantity	1
ASIN	B01M0T4GSX

5. INSTALLATION GUIDELINES

Installation of brake system components requires specialized knowledge and tools. Improper installation can lead to brake failure, serious injury, or death. It is strongly recommended that this part be installed by a certified automotive technician.

5.1 Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands on a level surface before beginning work.
- Disconnect the vehicle's battery to prevent accidental electrical shorts.
- Handle brake fluid with care, as it can damage paint and is harmful if ingested.

5.2 General Installation Steps (Professional Installation Recommended)

1. **Preparation:** Gather all necessary tools, including flare nut wrenches, line wrenches, a torque wrench, and fresh brake fluid.
2. **Locate and Access:** Identify the specific front brake tube to be replaced. This may require removing wheels and other components for access.
3. **Drain Brake Fluid:** If necessary, drain a small amount of brake fluid from the reservoir to prevent spills when disconnecting lines.
4. **Disconnect Old Tube:** Carefully loosen and remove the fittings connecting the old brake tube. Be prepared for residual brake fluid to leak.
5. **Remove Old Tube:** Detach any clips or brackets securing the old tube and remove it from the vehicle.
6. **Install New Tube:** Route the new Toyota Genuine Front Brake Tube (Part No. 47312-22060) in the exact path of the old one. Ensure it is not kinked or stressed.
7. **Connect Fittings:** Hand-tighten the fittings at both ends of the new tube. Then, use a torque wrench to tighten them to the manufacturer's specified torque values. Overtightening or undertightening can cause leaks or damage.
8. **Secure Tube:** Reattach any clips or brackets to secure the new tube, preventing vibration or contact with other components.
9. **Bleed Brake System:** After installation, the brake system must be properly bled to remove any air that entered the lines. Follow the vehicle manufacturer's bleeding procedure. This typically involves a two-person process or a specialized bleeding tool.
10. **Test Brakes:** With the engine off, pump the brake pedal several times to build pressure. The pedal should feel firm. Start the engine and test the brakes at a low speed in a safe area before driving normally. Check for any leaks around the new tube's connections.

***Warning:** Do not drive the vehicle if the brake pedal feels spongy or if there are any signs of brake fluid leaks.*

6. MAINTENANCE

Regular inspection of your vehicle's brake system, including brake tubes, is vital for safety. While the brake tube itself requires minimal maintenance, its surrounding components do.

- **Routine Inspection:** During routine vehicle maintenance, visually inspect the brake tubes for signs of corrosion, damage, kinks, or leaks.
- **Brake Fluid:** Check brake fluid level regularly and replace it according to your vehicle manufacturer's recommendations. Old or contaminated brake fluid can lead to corrosion within the brake lines.
- **Cleaning:** Keep the undercarriage and brake components clean to prevent accumulation of dirt and salt, which can accelerate corrosion.

7. TROUBLESHOOTING

If you experience issues with your braking system after replacing a brake tube, consider the following common problems:

- **Spongy Brake Pedal:** This usually indicates air in the brake lines. The system needs to be bled again thoroughly.
- **Brake Fluid Leak:** Check all connections for proper tightening. Ensure flare nuts are not cross-threaded or damaged. Inspect the brake tube itself for any damage that might have occurred during installation.
- **Reduced Braking Performance:** Could be due to air in the lines, insufficient brake fluid, or issues with other brake components. Re-check the entire system.
- **Warning Lights:** If a brake warning light illuminates, stop driving immediately and have the vehicle inspected by a qualified technician.

***Important:** Any issues with the braking system should be addressed immediately by a qualified professional. Do not attempt to drive a vehicle with compromised brakes.*

8. WARRANTY AND SUPPORT

As a Toyota Genuine Part, this brake tube is covered by Toyota's standard warranty for genuine replacement parts. For specific warranty terms, conditions, and duration, please refer to your original purchase documentation or contact an authorized Toyota dealership or service center.

For technical support or further assistance, please contact your local authorized Toyota service center or visit the official Toyota website.

Official Toyota Website: www.toyota.com

Customer Support: Refer to your region's Toyota customer service contact information.