

Triton 02604

Triton 02604 Axle Mount Gasket - Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, function, and maintenance of the Triton 02604 Axle Mount Gaskets. These gaskets are designed for use with Triton Trailers featuring aluminum frames and torsion axles. Please read these instructions carefully before installation to ensure correct application and optimal performance.

2. PRODUCT OVERVIEW

The Triton 02604 Axle Mount Gaskets are rubber components specifically engineered to provide a secure and protective interface between torsion axles and the aluminum frame of Triton trailers. They are sold as a pair.



Figure 1: Triton 02604 Axle Mount Gasket. This image shows a single black rubber gasket, rectangular in shape, designed for mounting torsion axles.

2.1 Key Features

- **Material:** Durable rubber construction for longevity and vibration dampening.
- **Compatibility:** Designed for Triton Trailers with aluminum frames and torsion axles.
- **Dimensions:** Each gasket measures approximately 2 inches wide by 10 inches long.
- **Purpose:** Provides a protective layer and proper spacing for axle mounting.

3. SETUP AND INSTALLATION

Proper installation of the axle mount gaskets is crucial for the structural integrity and performance of your trailer's axle system. Always refer to your Triton trailer's specific service manual for detailed axle installation procedures.

3.1 Required Tools (Not Included)

- Wrenches or sockets appropriate for axle mounting hardware.
- Torque wrench.
- Safety glasses and gloves.

3.2 Installation Steps

1. **Prepare the Mounting Surface:** Ensure the aluminum frame mounting surface where the axle will attach is clean, dry, and free from debris, rust, or old gasket material.
2. **Position the Gasket:** Place one Triton 02604 Axle Mount Gasket directly onto the clean mounting surface of the trailer frame. Align any pre-drilled holes in the gasket with the corresponding holes in the frame.
3. **Position the Axle:** Carefully lift and position the torsion axle onto the gasket, ensuring that the axle's mounting points align with the gasket and frame holes.
4. **Secure the Axle:** Insert the appropriate mounting hardware (bolts, washers, nuts – not included with gaskets) through the axle, gasket, and frame. Hand-tighten all hardware.
5. **Torque Hardware:** Following your Triton trailer's service manual, progressively tighten the axle mounting hardware to the specified torque settings using a torque wrench. Ensure even tightening to prevent stress concentrations.
6. **Repeat for Other Side:** If installing a pair of gaskets and a single axle, repeat the process for the other side of the axle. If installing multiple axles, repeat for each axle.

Important: Do not over-tighten mounting hardware beyond manufacturer specifications, as this can damage the gasket or frame. Always consult your trailer's specific manual for torque values.

4. FUNCTION AND USAGE

Once installed, the Triton 02604 Axle Mount Gaskets perform several critical functions:

- **Vibration Dampening:** The rubber material helps to absorb road vibrations, reducing stress on the trailer frame and axle components.
- **Corrosion Prevention:** Acts as a barrier between dissimilar metals (aluminum frame and steel axle/hardware), preventing galvanic corrosion.

- **Load Distribution:** Helps to evenly distribute the load and forces from the axle to the trailer frame.
- **Noise Reduction:** Contributes to a quieter ride by minimizing metal-on-metal contact.

The gaskets are designed for continuous use under normal operating conditions for Triton trailers. No specific "operating" steps are required beyond proper installation.

5. MAINTENANCE

Regular inspection of the Triton 02604 Axle Mount Gaskets is recommended to ensure continued performance and safety.

5.1 Inspection Schedule

- **Before Each Use:** Visually inspect the area around the axle mounts for any obvious signs of damage or displacement.
- **Annually or Every 5,000 Miles:** Conduct a more thorough inspection.

5.2 Inspection Points

- **Cracking or Tearing:** Check the rubber gaskets for any signs of cracking, tearing, or degradation.
- **Compression Set:** Look for excessive compression or flattening that might indicate loss of elasticity.
- **Displacement:** Ensure the gaskets are still properly seated between the axle and the frame.
- **Hardware Tightness:** Verify that all axle mounting hardware remains properly torqued. Re-torque if necessary, following manufacturer specifications.

5.3 Replacement

If any significant damage, degradation, or displacement is observed, the gaskets should be replaced immediately with new Triton 02604 Axle Mount Gaskets to maintain the structural integrity and safety of your trailer.

6. TROUBLESHOOTING

Issues related to axle mount gaskets are typically visual and mechanical. Here are common observations and potential solutions:

Symptom	Possible Cause	Solution
Visible cracking or tearing of gasket.	Age, environmental exposure, excessive stress.	Replace the damaged gasket.
Gasket appears compressed or flattened excessively.	Over-tightened hardware, material fatigue.	Inspect mounting hardware torque. Replace gasket if elasticity is lost.
Axle mounting hardware feels loose.	Vibration, improper initial torque, gasket compression.	Re-torque hardware to specifications. Inspect gasket for damage.
Unusual noises or vibrations from axle area.	Loose hardware, damaged gasket, other axle component issues.	Inspect gaskets and all axle mounting hardware. Consult a qualified technician if issues persist.

If you are unsure about any repair or inspection, it is recommended to consult a qualified trailer technician.

7. SPECIFICATIONS

- **Model:** Triton 02604 Axle Mount Gasket
- **Part Number:** 02604
- **Material:** Rubber
- **Dimensions (Each Gasket):** Approximately 2 inches (width) x 10 inches (length)
- **Compatibility:** Triton Trailers with aluminum frames and torsion axles
- **Quantity:** Sold as a pair

8. WARRANTY AND SUPPORT

For specific warranty information regarding the Triton 02604 Axle Mount Gaskets, please refer to the documentation provided at the time of purchase or contact Triton directly. Warranty terms typically cover manufacturing defects.

8.1 Customer Support

If you have questions about installation, maintenance, or require technical assistance, please contact Triton customer support or the authorized dealer from whom you purchased the product. Keep your purchase receipt and product details handy when contacting support.

Manufacturer: Triton

Model Number: 02604