

Trimax TFW60

Trimax TFW60 5th Wheel King Pin Lock Instruction Manual

Model: TFW60 | Material: Aluminum

1. PRODUCT OVERVIEW

The Trimax TFW60 is a robust 5th wheel king pin lock designed to provide enhanced security for your trailer. Constructed from ultra-tough aluminum alloy, it offers durability without excessive weight. Its full collar design helps prevent grease from transferring to hands and adds structural reinforcement. The lock features an easy push-button mechanism for quick and secure engagement.

Key features include:

- **Rugged Weatherproof Epoxy Powder Coat:** Protects the lock against rust, corrosion, and environmental elements, ensuring long-lasting performance.
- **Full Collar Design:** Engineered to prevent grease from transferring to hands during operation and to provide additional structural integrity for security.
- **Easy Push Button Lock Design:** Allows for simple and intuitive locking, providing quick and reliable trailer protection.
- **Ultra Tough Aluminum Alloy:** A strong yet lightweight material that ensures durability without adding significant weight to your setup.
- **Easy to Install:** Designed for a straightforward and efficient installation process.

- **Weather Proof Epoxy Powder Coat**
- **Full Collar Design keeps Grease off the Hands**
- **Easy Push Button Lock Design**
- **Quick and easy to install**



Image 1.1: The Trimax TFW60 King Pin Lock, highlighting its weatherproof coating, full collar design, easy push-button lock, and quick installation.

ULTRA TOUGH

ALUMINUM ALLOY

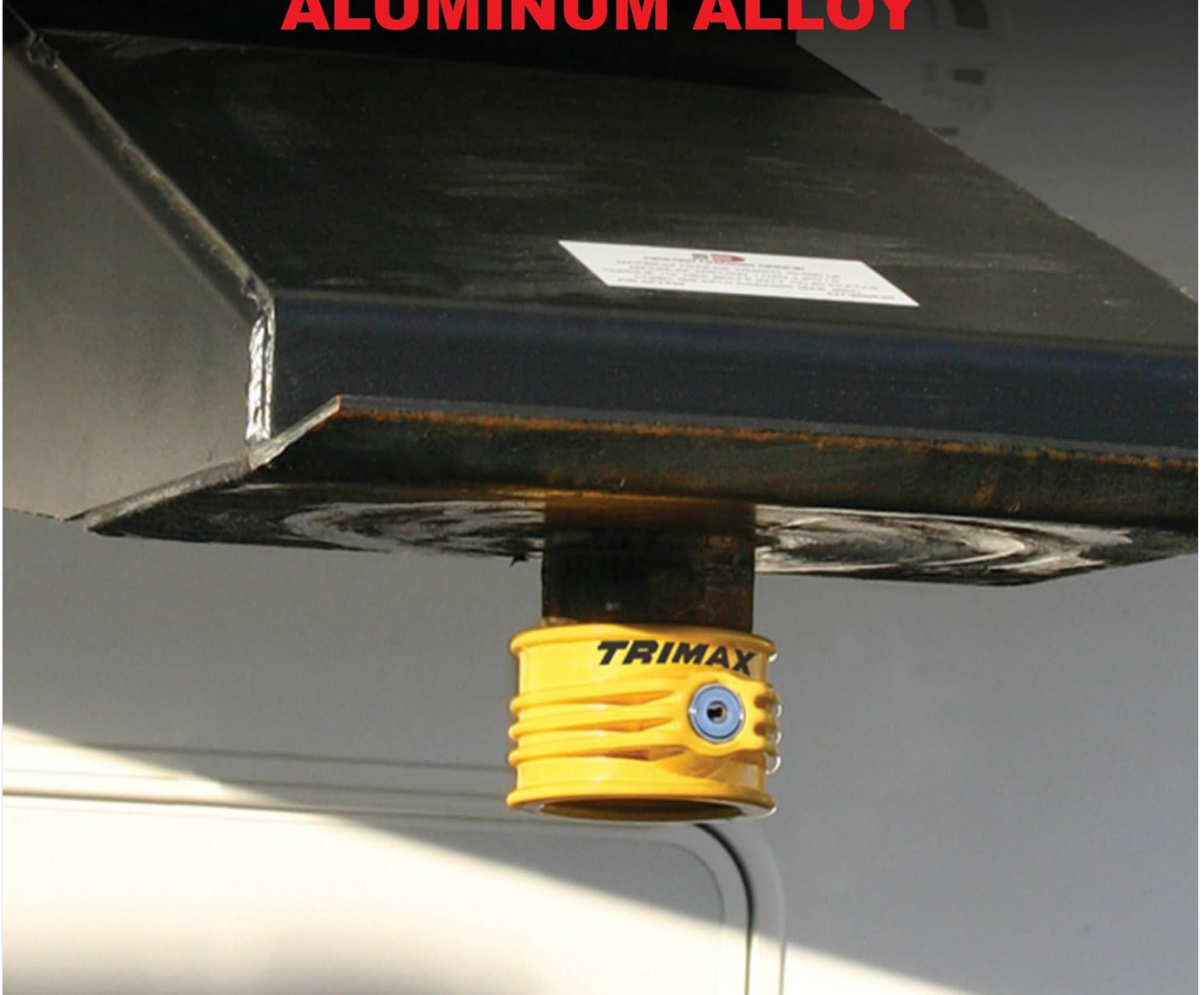


Image 1.2: The Trimax TFW60 King Pin Lock securely installed on a 5th wheel king pin, demonstrating its robust aluminum alloy construction.

2. SETUP AND INSTALLATION

The Trimax TFW60 King Pin Lock is designed for quick and easy installation. Follow these steps to secure your 5th wheel trailer:

1. **Inspect King Pin:** Ensure the 5th wheel king pin is clean and free from excessive grease or debris.
2. **Unlock the Device:** Insert one of the provided keys into the lock cylinder and turn it to the unlock position. The push-button mechanism should extend slightly.
3. **Position the Lock:** Place the Trimax TFW60 lock over the king pin. The full collar design should fit snugly around the base of the king pin.
4. **Engage the Lock:** Push the lock firmly onto the king pin until you hear a click, indicating that the internal mechanism has engaged. The push-button should retract and be flush with the lock body.
5. **Verify Security:** Attempt to pull the lock off the king pin. If properly installed, it should remain securely in place. Remove the key and store it in a safe location.

Note: If the lock does not fit smoothly, ensure the king pin is standard size and free of obstructions. Do not force the lock. If issues persist, refer to the Troubleshooting section.

3. OPERATING INSTRUCTIONS

Using your Trimax TFW60 King Pin Lock is straightforward:

- **Locking:** After placing the lock over the king pin, simply push the central button until it clicks and retracts. No key is needed for locking.
- **Unlocking:** Insert the key into the lock cylinder and turn it. The push-button will extend, allowing you to pull the lock off the king pin.

Always ensure the lock is fully engaged and tested before leaving your trailer unattended. Keep spare keys in a secure, separate location from the primary key.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Trimax TFW60 King Pin Lock, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the exterior of the lock with a damp cloth to remove dirt and grime. Avoid abrasive cleaners that could damage the powder coat finish.
- **Lubrication:** Apply a small amount of graphite lubricant or a silicone-based spray to the keyway and internal locking mechanism once or twice a year, or more frequently in harsh environments. This helps prevent corrosion and ensures smooth operation.
- **Inspection:** Regularly inspect the lock for any signs of wear, damage, or corrosion. Ensure the push-button mechanism operates smoothly and the key turns freely.
- **Storage:** When not in use, store the lock in a clean, dry place to protect it from extreme weather conditions.

The weatherproof epoxy powder coat provides excellent protection, but consistent care will extend the product's life.

5. TROUBLESHOOTING

If you encounter issues with your Trimax TFW60 King Pin Lock, consider the following:

Problem	Possible Cause	Solution
Lock does not fit onto the king pin.	King pin is not standard size, or there is debris/excessive grease.	Clean the king pin thoroughly. Ensure the lock is oriented correctly. Verify your king pin dimensions against standard specifications. Do not force the lock.
Push-button does not engage or retract.	Internal mechanism is dirty, corroded, or obstructed.	Apply graphite lubricant into the keyway and around the push-button. Work the key and button several times. Ensure no foreign objects are blocking the mechanism.
Key is difficult to turn or remove.	Keyway is dirty, corroded, or the key is bent/damaged.	Apply graphite lubricant into the keyway. Try a spare key if available. If the key is bent, do not force it; use a new key.

Problem	Possible Cause	Solution
Lock feels loose after engagement.	Lock not fully engaged, or king pin dimensions are slightly off.	Ensure the push-button is fully retracted and flush. Re-engage the lock with firm pressure. If looseness persists, contact customer support.

If these steps do not resolve the issue, please contact Trimax customer support for further assistance.

6. SPECIFICATIONS

- **Model:** TFW60
- **Material:** Aluminum Alloy
- **Color:** Yellow
- **Finish:** Weatherproof Epoxy Powder Coat
- **Item Weight:** 1.08 pounds
- **Product Dimensions:** 8 x 4.8 x 3 inches
- **Included Components:** 1x 5th Wheel Lock, 2x Keys
- **Special Features:** Weather Resistant, Full Collar Design, Easy Push Button Lock

TFW60 RUGGED ALLOY	TFW80HD HEAVY DUTY
	
1.1lbs	3.39lbs
Aluminum	Hardened Steel

Image 6.1: A comparison chart showing the Trimax TFW60 (Rugged Alloy, 1.1 lbs, Aluminum) versus the TFW80HD (Heavy Duty, 3.39 lbs, Hardened Steel).

7. WARRANTY INFORMATION

The Trimax TFW60 5th Wheel King Pin Lock comes with a **Limited Lifetime Warranty**. This warranty covers defects in materials and workmanship under normal use. For specific terms, conditions, and to make a warranty claim, please refer to the official Trimax website or contact their customer support directly. Keep your proof of purchase for warranty validation.

8. CUSTOMER SUPPORT

For any questions, technical assistance, or support regarding your Trimax TFW60 King Pin Lock, please visit the official Trimax website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

Online Resources: www.trimaxlocks.com (Note: This is a placeholder URL, please refer to actual product documentation for correct link.)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question