

Standard Motor Products TL104

Standard Motor Products TL104 Trunk Lock Cylinder Instruction Manual

Model: TL104

1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Standard Motor Products TL104 Trunk Lock Cylinder. Please read this manual thoroughly before beginning any procedures to ensure safe and correct usage. Retain this manual for future reference.

Safety Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Always handle with care and wash hands after use. Consult local regulations for proper disposal.

2. PRODUCT OVERVIEW

The Standard Motor Products TL104 is a replacement trunk lock cylinder designed for automotive applications. It provides secure access to your vehicle's trunk using a key mechanism. This unit is engineered for direct fit in compatible vehicles, ensuring reliable performance.

Included Components:

- 1x Trunk Lock Cylinder
- 2x Keys
- Mounting hardware (as applicable)

Product Images:



Figure 2.1: The Standard Motor Products TL104 Trunk Lock Cylinder, including the cylinder and two keys.

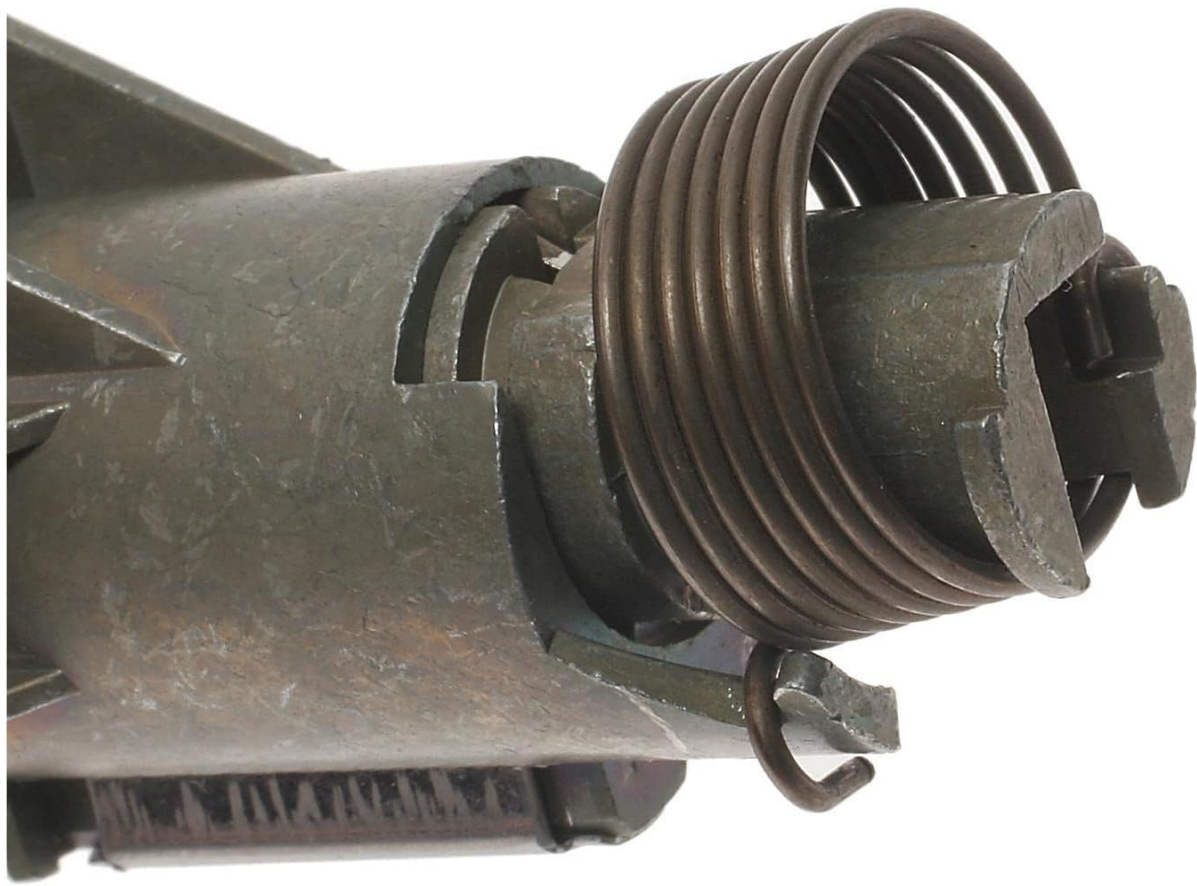


Figure 2.2: A close-up view of a key fully inserted into the TL104 lock cylinder, ready for operation.

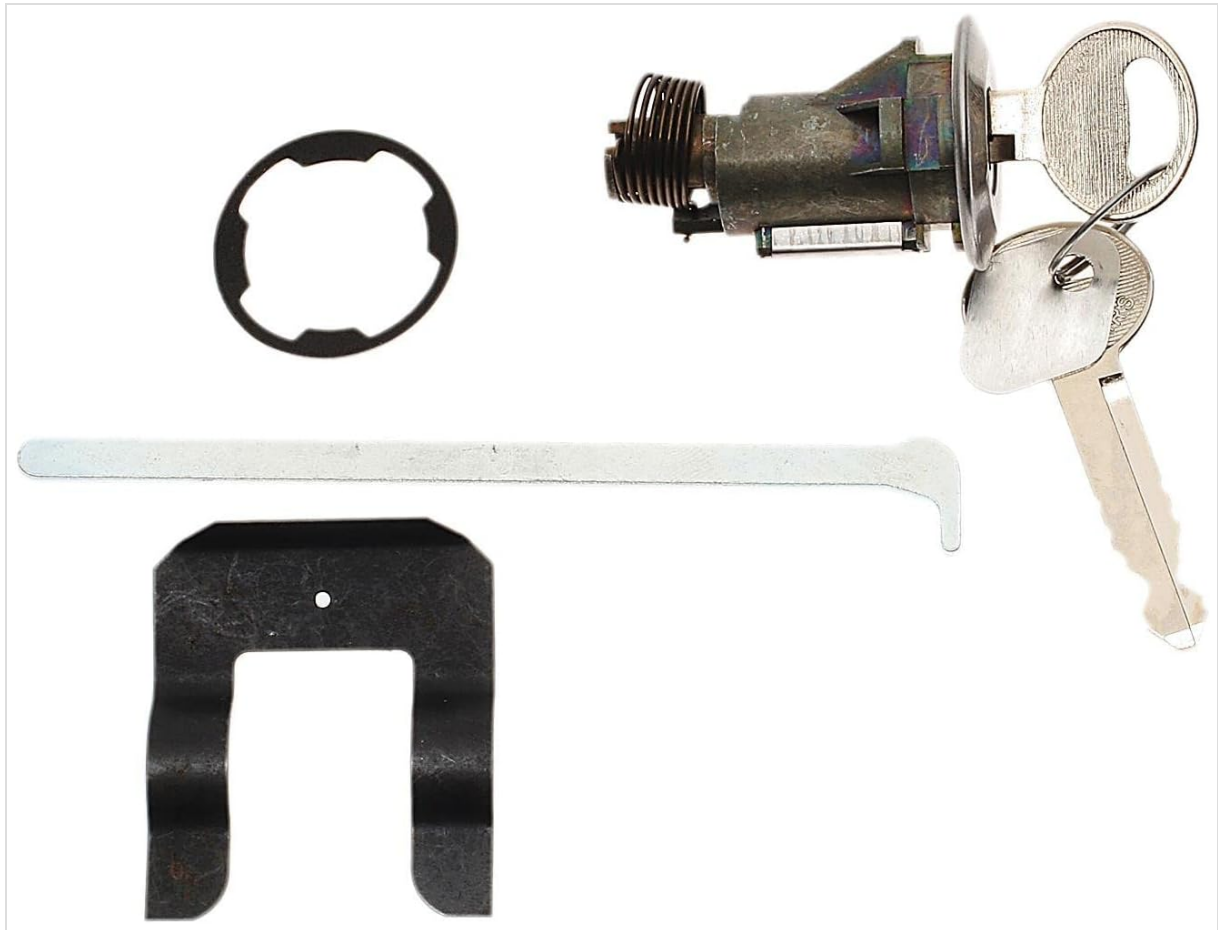


Figure 2.3: Detailed view of the internal spring mechanism and tailpiece of the TL104 lock cylinder, showing its operational components.



Figure 2.4: All components included in the TL104 kit, featuring the lock cylinder, keys, and mounting hardware.

3. INSTALLATION

Installation of the TL104 Trunk Lock Cylinder typically involves replacing an existing lock. While many users find this process straightforward, professional installation is recommended if you are unfamiliar with automotive repair procedures.

Required Tools (May Vary):

- Screwdrivers (Phillips and/or flathead)
- Wrenches or sockets (if applicable)
- Pliers
- Lubricant (e.g., silicone spray)
- Cutting tool (if tailpiece modification is required)

Installation Steps:

1. **Safety First:** Ensure the vehicle is parked on a level surface with the engine off and parking brake engaged.
2. **Access the Lock:** Open the trunk and locate the existing lock cylinder assembly. You may need to remove interior trim panels to gain access.
3. **Disconnect Linkage:** Carefully disconnect any rods or electrical connectors attached to the old lock cylinder.
4. **Remove Old Cylinder:** Unfasten the retaining clips or screws holding the old lock cylinder in place and remove it.
5. **Prepare New Cylinder:** Compare the new TL104 cylinder with the old one. In some applications, the tailpiece (the rod extending from the back of the cylinder) may need to be cut to the correct length to match the original. Ensure the new cylinder's orientation matches the old one.
6. **Install New Cylinder:** Insert the TL104 into the mounting hole. Secure it with the provided retaining clips or screws.
7. **Reconnect Linkage:** Reattach any rods or electrical connectors to the new lock cylinder. Ensure all connections are secure and move freely.
8. **Test Operation:** Before reassembling trim, test the lock cylinder with the new keys to ensure it locks and unlocks the trunk smoothly.
9. **Reassemble:** Reinstall any removed trim panels.

4. OPERATING INSTRUCTIONS

Operating the Standard Motor Products TL104 Trunk Lock Cylinder is straightforward:

1. **To Unlock:** Insert the provided key into the keyway of the lock cylinder. Turn the key clockwise (or counter-clockwise, depending on the vehicle's mechanism) until the trunk latch disengages.
2. **To Lock:** Close the trunk lid. Insert the key into the keyway and turn it in the opposite direction used for unlocking until the trunk latch engages securely. Remove the key.

Always ensure the key is fully inserted before turning to prevent damage to the key or the lock cylinder.

5. MAINTENANCE

Proper maintenance can extend the life and ensure the smooth operation of your trunk lock cylinder:

- **Lubrication:** Periodically apply a small amount of graphite lubricant or a silicone-based spray lubricant into the keyway. Avoid using oil-based lubricants as they can attract dirt and debris.
- **Cleaning:** Keep the exterior of the lock cylinder clean from dirt, dust, and road grime. Use a soft cloth and mild automotive cleaner if necessary.
- **Key Care:** Avoid using bent or damaged keys, as this can damage the internal tumblers of the lock cylinder.

6. TROUBLESHOOTING

If you encounter issues with your TL104 Trunk Lock Cylinder, consider the following:

- **Key Does Not Turn:**

- Ensure the key is fully inserted.
- Apply lubricant to the keyway and gently try to turn the key.
- Check if the key is bent or damaged. Try the spare key if available.
- Verify there are no obstructions in the keyway.

- **Trunk Does Not Latch/Unlatch:**

- Check the linkage connecting the lock cylinder to the trunk latch mechanism. Ensure it is properly connected and not bent or obstructed.
- Inspect the trunk latch itself for any damage or obstructions.
- Ensure the tailpiece of the lock cylinder is correctly aligned and engaging with the linkage.

- **Sticking Lock:**

- Apply lubricant to the keyway and work the key in and out several times.
- Clean any visible dirt or debris from the keyway.

If problems persist after attempting these troubleshooting steps, it is recommended to consult a qualified automotive technician.

7. SPECIFICATIONS

Brand	Standard Motor Products
Model Name	TL104
Lock Type	Key Lock
Special Feature	Key Unlock
Item Dimensions (L x W x H)	4 x 1.75 x 4.06 inches
Item Weight	4 ounces
Manufacturer Part Number	TL104
UPC	091769030674

8. WARRANTY AND SUPPORT

Specific warranty information for the Standard Motor Products TL104 Trunk Lock Cylinder is not provided in this manual. For details regarding warranty coverage, terms, and conditions, please refer to the product packaging or contact Standard Motor Products directly through their official website or customer service channels.

For technical support or further assistance, please visit the Standard Motor Products website or consult a certified automotive technician.

