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› Standard Motor Products DL-31 Door Lock Set Instruction Manual

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Model: DL-31

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Standard Motor Products DL-31 Door Lock Set. Please read these instructions thoroughly before beginning any installation or use to ensure correct function and safety.

2. PRODUCT OVERVIEW

The Standard Motor Products DL-31 is a replacement door lock set designed for specific automotive applications. It includes two lock cylinders and corresponding keys, providing a complete solution for restoring door locking functionality.



Image 1: The Standard Motor Products DL-31 Door Lock Set, showing two lock cylinders and two keys on a keyring.

2.1. What's in the Box

- Door Lock Kit (includes two lock cylinders and two keys)

2.2. Key Features

- Direct replacement for original equipment
- Key Lock mechanism for secure operation
- Durable construction for long-lasting performance

3. SAFETY INFORMATION

Always prioritize safety during installation. Automotive repair can be complex and may require specialized tools and knowledge. If you are unsure about any step, it is recommended to seek assistance from a qualified automotive technician.

- Disconnect the vehicle's battery before starting any electrical work to prevent accidental shorts or injury.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Ensure the vehicle is stable and secure if lifted.
- Keep all tools and small parts organized to prevent loss or damage.

4. INSTALLATION

Installation of the DL-31 Door Lock Set typically involves removing the existing door lock cylinders and installing the new ones. The exact procedure may vary depending on your vehicle's make and model. The following steps provide a general guide.

4.1. Tools Required (Typical)

- Screwdriver set (Phillips and flathead)
- Trim panel removal tools
- Socket wrench set
- Small pliers or picks

4.2. General Installation Steps

1. **Prepare the Vehicle:** Ensure the vehicle is turned off and the parking brake is engaged. Disconnect the negative terminal of the vehicle's battery.
2. **Remove Door Panel:** Carefully remove the interior door panel. This usually involves removing screws hidden behind trim pieces, door handles, and window switches, then prying the panel away from the door frame.
3. **Access Old Lock Cylinder:** Locate the existing door lock cylinder. It is typically held in place by a retaining clip or screw from the inside of the door.
4. **Disconnect Linkages:** Disconnect any mechanical linkages or electrical connectors attached to the old lock cylinder. Note their orientation for reassembly.
5. **Remove Old Lock Cylinder:** Remove the retaining clip or screw and carefully extract the old lock cylinder from the door handle assembly.
6. **Install New Lock Cylinder:** Insert the new DL-31 lock cylinder into the door handle assembly. Ensure it seats correctly.
7. **Secure New Lock Cylinder:** Reattach the retaining clip or screw to secure the new lock cylinder. *Note: Some users have reported that the included white plastic clip may be loose. If this occurs, it may be necessary to swap it with the original equipment manufacturer (OEM) clip if it is in good condition, or ensure a secure fit using appropriate methods.*



Image 2: Rear view of the DL-31 lock cylinders, highlighting the white plastic retaining clips that secure the cylinder in place.

8. **Reconnect Linkages:** Reconnect all mechanical linkages and electrical connectors to the new lock cylinder. Test the key operation before fully reassembling.
9. **Reinstall Door Panel:** Carefully reattach the interior door panel, ensuring all clips and screws are properly secured.
10. **Reconnect Battery:** Reconnect the negative terminal of the vehicle's battery.
11. **Test Functionality:** Test the new door lock with the provided keys to ensure smooth operation and proper locking/unlocking.

Disclaimer: These instructions are general. Always refer to your vehicle's specific service manual for detailed, model-specific installation procedures.

5. OPERATION

To operate the DL-31 Door Lock Set:

- **Locking:** Insert the key into the lock cylinder and turn it clockwise (or counter-clockwise, depending on the door) until the door locks. Remove the key.
- **Unlocking:** Insert the key into the lock cylinder and turn it counter-clockwise (or clockwise) until the door unlocks. Remove the key.

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

6. MAINTENANCE

The DL-31 Door Lock Set is designed for durability and requires minimal maintenance. However, periodic checks can extend its lifespan:

- **Cleaning:** Keep the keyhole free from dirt and debris. Use a non-residue lubricant specifically designed for locks if necessary.
- **Lubrication:** If the lock mechanism feels stiff, apply a small amount of graphite powder or a silicone-based lubricant into the keyhole. Avoid oil-based lubricants as they can attract dirt.
- **Inspection:** Periodically check the lock cylinders for any signs of wear or damage. Ensure the keys operate smoothly without excessive force.

7. TROUBLESHOOTING

If you encounter issues with your DL-31 Door Lock Set, consider the following:

- **Key Does Not Turn:** Ensure the key is fully inserted. Check for any obstructions in the keyhole. Apply a lock

lubricant. If the issue persists, the cylinder may be damaged or misaligned.

- **Lock Feels Loose:** This could indicate that the retaining clip or mechanism holding the cylinder in place is not properly secured. Re-check the installation steps, particularly step 7.
- **Door Does Not Lock/Unlock:** Verify that the mechanical linkages inside the door are correctly connected to the lock cylinder and are not obstructed or bent.
- **Key Sticks:** Clean the key and the lock cylinder with a suitable lock lubricant. Avoid forcing the key.

For persistent problems, professional automotive assistance is recommended.

8. SPECIFICATIONS

Brand	Standard Motor Products
Model Name	Door Lock Kit
Item Model Number	DL-31
Lock Type	Key Lock
Included Components	Door Lock Kit (2 cylinders, 2 keys)
Item Dimensions (L x W x H)	2.16 x 1.94 x 4.13 inches
Item Weight	2.08 ounces
Color	Silver
Finish Type	Polished
UPC	091769160906

9. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Standard Motor Products DL-31 Door Lock Set, please contact Standard Motor Products directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.

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