

19210214

Installation Manual for Generic 19210214 Left Front Door Lock Actuator

Model: 19210214 | Brand: Generic | Compatible with Cadillac STS (2005-2011)

1. INTRODUCTION

This manual provides essential information and step-by-step instructions for the proper installation, function, and care of the Generic 19210214 Left Front Door Lock Actuator. This component is designed as a direct replacement for the driver's side front door lock mechanism in Cadillac STS models manufactured between 2005 and 2011. Correct installation ensures reliable operation of your vehicle's power door lock system.

2. SAFETY INFORMATION

- Professional Installation Recommended:** Due to the complexity of automotive electrical and mechanical systems, professional installation by a qualified technician is highly recommended.
- Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent accidental short circuits or electrical shock.
- Wear Safety Gear:** Use appropriate personal protective equipment, including safety glasses and gloves, during installation.
- Handle with Care:** Avoid dropping or subjecting the actuator to impact, as this can damage internal components.
- Verify Fitment:** Before installation, confirm that the part number 19210214 matches your vehicle's requirements.

3. PACKAGE CONTENTS

Please inspect the package contents upon receipt. The package should contain:

- 1 x Left Front Door Lock Latch Actuator (Part Number: 19210214)

4. SETUP AND INSTALLATION

The following steps outline the general procedure for replacing the left front door lock actuator. Specific vehicle disassembly steps may vary. Refer to your vehicle's service manual for detailed instructions.

- Prepare the Vehicle:** Park the vehicle on a level surface, engage the parking brake, and disconnect the negative terminal of the battery.

2. **Remove Door Panel:** Carefully remove the interior door panel. This typically involves removing screws, clips, and disconnecting electrical connectors for switches and lights.
3. **Access the Actuator:** Peel back the vapor barrier to gain access to the inside of the door. The door lock actuator is usually mounted within the door frame.
4. **Disconnect Linkages and Wiring:** Disconnect the mechanical linkages (rods) that connect the door handle and lock cylinder to the actuator. Then, disconnect the electrical connector from the old actuator.
5. **Remove Old Actuator:** Unbolt or unclip the old door lock actuator from its mounting points within the door. Carefully remove it from the door cavity.



Figure 1: Overall side view of the 19210214 Left Front Door Lock Actuator, showing its general shape and mounting points.

6. **Install New Actuator:** Position the new 19210214 actuator into the door cavity and secure it with the bolts or clips. Ensure it is firmly seated.



Figure 2: A detailed side view of the actuator, highlighting its robust metal and plastic construction.

- 7. Connect Linkages and Wiring:** Reconnect all mechanical linkages to the new actuator. Ensure they move freely and are properly secured. Connect the 8-pin electrical connector to the actuator.



Figure 3: Close-up view of the 8-pin electrical connector, which must be securely attached to the vehicle's wiring harness.



Figure 4: Angled view of the actuator, showing the attached control cable that connects to the door handle or lock cylinder.



Figure 5: Rear view of the actuator, illustrating the routing and connection point for the mechanical control cable.

8. **Test Functionality:** Reconnect the vehicle's battery. Before reinstalling the door panel, test the door lock and unlock functions using both the interior switch and the remote key fob. Ensure smooth and consistent operation.
9. **Reinstall Door Panel:** Once functionality is confirmed, reattach the vapor barrier, and then reinstall the interior door panel, ensuring all clips and screws are properly secured and electrical connectors are reconnected.

5. OPERATION

The 19210214 Left Front Door Lock Actuator is an integral part of your vehicle's power door lock system. When activated by the interior door lock switch, the remote key fob, or the key in the door cylinder, the actuator's internal motor moves a mechanism to engage or disengage the door latch, thereby locking or unlocking the door. Proper installation ensures that the actuator responds correctly to these inputs, providing secure and convenient access to your vehicle.

6. MAINTENANCE

The door lock actuator is designed for long-term, maintenance-free operation. However, periodic inspection can help ensure its longevity:

- **Inspect Connections:** If accessing the door interior, periodically check the electrical connector and

mechanical linkages for corrosion, looseness, or damage.

- **Keep Dry:** Ensure the door's interior remains free from excessive moisture, which can lead to electrical issues or corrosion.
- **Avoid Harsh Chemicals:** Do not use harsh cleaning agents directly on the actuator or its components.

7. TROUBLESHOOTING

If you experience issues with your door lock actuator after installation, consider the following:

- **Door Not Locking/Unlocking:**
 - Check the electrical connection to the actuator for proper seating and corrosion.
 - Verify that all mechanical linkages are correctly attached and move freely without obstruction.
 - Inspect the wiring harness for any cuts, pinches, or damage.
- **Intermittent Operation:** This could indicate a loose electrical connection, a faulty switch, or an issue with the vehicle's body control module.
- **Unusual Noises:** Grinding or clicking sounds may suggest internal mechanical failure of the actuator or interference with other door components.

If troubleshooting steps do not resolve the issue, it is recommended to consult a professional automotive technician for diagnosis and repair.

8. SPECIFICATIONS

Specification	Value
Part Number	19210214
Item Weight	1.1 pounds
Manufacturer	YangHui Auto
ASIN	B0GJS1PWVQ
Number of pieces	1
Material	Metal + Plastic
Pin Count	8 Pins
Fitment	Cadillac STS 2005-2011 (Left Front / Driver Side)

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding the 19210214 Left Front Door Lock Actuator, please contact the seller or manufacturer directly. Ensure you have your purchase details and the product's part number available when seeking assistance.

