FFOCCO A4479068700, 4479068700

User Manual: Parking Brake Actuator

Model: A4479068700, 4479068700

Brand: FFOCCO

Introduction

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your new Parking Brake Actuator. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The parking brake is a key device to ensure the car remains stable and stationary when parked. Its design and manufacturing prioritize high stability and reliability.

Product Overview



Figure 1: Parking Brake Actuator - Top View. This image displays the main body of the parking brake actuator, a black rectangular unit, with its attached control cables extending from both ends. The cables are black and feature metal connectors at their terminals, designed for secure attachment within the vehicle's braking system.



Figure 2: Parking Brake Actuator - Angled View. This perspective highlights the compact and lightweight design of the actuator. The black plastic housing is visible, along with the entry points for the two control cables. The design aims to minimize bulk within the vehicle's interior while ensuring robust functionality.



Figure 3: Parking Brake Actuator - Bottom View. This image shows the underside of the actuator, revealing its textured surface and integrated mounting points. These points are designed for secure attachment to the vehicle chassis, ensuring the unit remains stable during operation. The durable construction is evident, built to withstand daily wear and tear.



Figure 4: Parking Brake Actuator - Side View. This view emphasizes the cylindrical motor housing on one end of the actuator, where one of the control cables originates. The overall form factor is designed for efficient integration into the vehicle's existing systems, providing significant braking force for stable parking.

Specifications

Attribute	Detail
Product Type	Parking Brake Actuator / Electric Handbrake Control Module
Brand	FFOCCO
Model Numbers (OEM)	A4479068700, 4479068700
Color	As shown (typically black)
Item Weight	800 grams (approx. 1.76 lbs)
Package Dimensions	2.54 x 2.54 x 2.54 cm (approx. 1 x 1 x 1 inch) *-Note: These dimensions seem to be placeholder values and may not reflect the actual product size.*
Package Contents	1 × Parking Brake Actuator

Vehicle Compatibility

This parking brake actuator is compatible with the following Mercedes-Benz V-Class and Vito 447 models. Please verify your vehicle's specific model, year, engine, power, and gearbox type against the list below, and cross-reference with the OEM part numbers (A4479068700, 4479068700) before purchase and installation.

Vehicle Type	Year	Engine	Power (kW)	Gearbox
V 260 AMG	2018-2020	274 920	155	7AMT
V 260 L	2016-2020	274 920	155	7AMT
V 260 L	2020-	274 920	155	9AMT
V 260	2016-2020	274 920	155	7AMT
V 260	2020-	274 920	155	9AMT

Setup and Installation

Installation of the parking brake actuator requires mechanical knowledge and specific tools. It is highly recommended that installation be performed by a qualified automotive technician. Incorrect installation can lead to system malfunction, vehicle damage, or personal injury.

Safety Precautions:

- Ensure the vehicle is parked on a level surface and secured with wheel chocks.
- Disconnect the vehicle's battery before beginning any electrical work.
- Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Refer to your vehicle's specific service manual for detailed instructions on accessing and replacing the parking brake actuator.

General Installation Steps (Consult Vehicle Manual for Specifics):

1. **Access the Actuator:** Locate the existing parking brake actuator in your vehicle. This typically involves removing interior trim panels or accessing from underneath the vehicle.
2. **Disconnect Electrical Connector:** Carefully disconnect the electrical wiring harness from the old actuator.
3. **Release Cables:** Disconnect the parking brake cables from the old actuator. Note their routing and attachment points.
4. **Remove Old Actuator:** Unbolt and remove the old parking brake actuator from its mounting bracket.
5. **Install New Actuator:** Position the new FFOCCO parking brake actuator (OEM: A4479068700, 4479068700) into the mounting bracket and secure it with the appropriate fasteners.
6. **Connect Cables:** Reattach the parking brake cables to the new actuator, ensuring they are properly seated and tensioned according to vehicle specifications.
7. **Connect Electrical Connector:** Reconnect the electrical wiring harness to the new actuator, ensuring a secure connection.
8. **Test Functionality:** Reconnect the vehicle's battery. Perform functional tests of the parking brake system as outlined in your vehicle's service manual. This may involve cycling the parking brake on and off multiple times and checking for proper engagement and disengagement.
9. **Reassemble:** Reinstall any removed trim panels or components.

Operating Instructions

The FFOCCO Parking Brake Actuator (A4479068700, 4479068700) operates as an integral part of your vehicle's electronic parking brake (EPB) system. Its operation is controlled directly by the vehicle's onboard computer and the driver's input via the parking brake switch.

Engaging the Parking Brake:

- To engage the parking brake, press or pull the dedicated parking brake switch in your vehicle's cabin, as per your vehicle manufacturer's instructions.
- The actuator will electrically pull the parking brake cables, applying the brakes to secure the vehicle.
- A corresponding indicator light on your dashboard will illuminate to confirm the parking brake is engaged.

Disengaging the Parking Brake:

- To disengage the parking brake, press or pull the parking brake switch again, often while pressing the foot brake pedal, as required by your vehicle.
- The actuator will release the tension on the parking brake cables, allowing the brakes to disengage.
- The dashboard indicator light will turn off, confirming the parking brake is disengaged.
- Many modern vehicles with EPB systems also feature an automatic release function when the driver attempts to drive away with the parking brake engaged.

Important: *Always ensure the parking brake is fully engaged when parking, especially on inclines. Never rely solely on the transmission's "Park" (P) setting on steep grades.*

Maintenance

The FFOCCO Parking Brake Actuator (A4479068700, 4479068700) is designed for durability and long-lasting functionality with minimal user maintenance. However, regular vehicle inspections are crucial for the overall health of your braking system.

Recommended Checks:

- **Routine Brake Inspections:** During your vehicle's routine service, have a qualified technician inspect the entire parking brake system, including the actuator, cables, and brake mechanisms.
- **Cable Condition:** Check the parking brake cables for any signs of fraying, corrosion, or damage. Ensure they move freely without excessive resistance.
- **Actuator Housing:** Visually inspect the actuator housing for any cracks, damage, or signs of moisture ingress.
- **Electrical Connections:** Ensure all electrical connections to the actuator are clean, secure, and free from corrosion.
- **Functionality Test:** Periodically test the parking brake engagement and disengagement to ensure it operates smoothly and effectively. Listen for any unusual noises during operation.

Note: *Do not attempt to disassemble the actuator. There are no user-serviceable parts inside. Any repairs or internal inspections should be performed by a certified professional.*

Troubleshooting

If you experience issues with your parking brake system, consult the table below for common symptoms and potential solutions. For complex issues or if symptoms persist, seek assistance from a qualified automotive technician.

Symptom	Possible Cause	Solution
Parking brake light stays on / does not engage	◦ Faulty parking brake switch ◦ Wiring issue or loose connection ◦ Actuator malfunction ◦ Low battery voltage	◦ Check parking brake switch operation. ◦ Inspect wiring and connections to the actuator. ◦ Check vehicle battery voltage. ◦ Consult a technician for diagnostic scan and repair.
Parking brake does not release	◦ Stuck parking brake cables ◦ Actuator malfunction ◦ Electrical fault	◦ Inspect parking brake cables for binding or corrosion. ◦ Consult a technician for diagnostic scan and repair.
Unusual noises (grinding, clicking) from actuator area	◦ Internal actuator wear or damage ◦ Cable issues	◦ Have a technician inspect the actuator and cables. ◦ Replacement of the actuator may be necessary.

Warning: *Do not attempt to force the parking brake if it is stuck. This can cause further damage to the system.*

Warranty and Support

For warranty information or technical support regarding your FFOCCO Parking Brake Actuator (A4479068700, 4479068700), please refer to the purchase documentation or contact your retailer. Ensure you have your purchase details and the product's model numbers ready when contacting support.

While specific warranty details are not provided in this manual, most automotive replacement parts come with a limited warranty against manufacturing defects. Always retain your proof of purchase.

For general inquiries or to report issues, you may contact the seller directly via the platform where the product was purchased. For Amazon.fr purchases, you can typically find seller contact information on the product page or in your order history.

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Question

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