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EVFRONTIERX ET-Kia Seltos- 2024

EVFRONTIERX Power Liftgate Kit User Manual

Compatible with Kia Seltos 2024-2025

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your EVFRONTIERX Power Liftgate Kit for Kia Seltos 2024-2025. Please read this manual thoroughly before installation and use to ensure proper function and safety.

PRODUCT FEATURES

- **Automatic Operation:** Effortless opening and closing of the tailgate.
- **Adjustable Height:** Customize the maximum opening height of the tailgate.
- **Obstacle Detection:** Automatically stops movement if an obstacle is detected.
- **Memory Function:** Saves your preferred tailgate opening height.
- **One-Touch Opening/Closing:** Convenient operation via multiple control methods.
- **Anti-Pinch Protection:** Enhances safety by preventing injury during closing.
- **Remote Functionality:** Control the tailgate using your original car key fob.
- **Soft-Close Feature:** Ensures gentle and quiet closing of the tailgate.



Height Adjustment



This image illustrates the various features of the EVFRONTIERX Power Liftgate Kit, including multiple control options and safety functions.

PACKAGE CONTENTS

Before beginning installation, please verify that all components listed below are present in your package:

- Electric Tailgate Lift Supports (2)
- Control Box
- Electric Suction Lock
- Tailgate Button
- Driver's Cab Button
- Wiring Harness
- Mounting Brackets and Hardware
- Installation Manual



Front Button



This image displays the typical components included in the EVFRONTIERX Power Liftgate Kit.

INSTALLATION GUIDE

Professional installation is highly recommended for this product to ensure correct functionality and to avoid damage to your vehicle. The installation process involves electrical wiring, mechanical component replacement, and calibration.

General Steps:

1. **Preparation:** Ensure the vehicle is turned off and the battery is disconnected. Gather all necessary tools.
2. **Remove Original Components:** Carefully remove the original tailgate struts and any relevant trim panels.
3. **Install New Lift Supports:** Mount the new electric lift supports in the designated positions.
4. **Install Control Box and Wiring:** Secure the control box and connect the wiring harness according to the detailed wiring diagram provided in the physical manual.
5. **Install Buttons and Lock:** Integrate the new tailgate button, driver's cab button, and electric suction lock.
6. **Test and Calibrate:** Reconnect the battery and perform initial testing and height calibration as per the specific instructions.



Intelligent Anti-pinch



This diagram provides a visual overview of the installation points for the power liftgate components.

OPERATING INSTRUCTIONS

Control Modes:

The power liftgate system offers multiple convenient ways to operate your tailgate:

- **Original Car Key Fob:** Press the unlock button three times (or as specified in your vehicle's manual) to open or close the tailgate remotely.
- **Tailgate Button:** A button located on the tailgate allows for direct opening and closing.
- **Driver's Cab Button:** A button installed in the driver's cabin provides convenient control from inside the vehicle.
- **Foot Sensor (Optional):** If equipped, a gentle kick motion under the rear bumper can activate the tailgate. Ensure the key fob is within range.



Factory Remote Control



This image illustrates the various control methods for the power liftgate system.



Foot Sensor(Optional)



The remote control allows for convenient operation of the tailgate from a distance.



Rear Button



The optional kick sensor provides hands-free operation of the tailgate.

Height Adjustment:

To set your desired tailgate opening height:

1. Open the tailgate to your preferred height.
2. Press and hold the tailgate button until you hear a 'beep' sound, indicating the height has been saved.
3. The tailgate will now open to this saved height each time.

Anti-Pinch Protection:

The system is equipped with an anti-pinch safety feature. If an obstruction is detected during closing, the tailgate will automatically reverse its movement to prevent injury or damage.

MAINTENANCE

To ensure the longevity and optimal performance of your power liftgate kit, consider the following maintenance tips:

- **Regular Cleaning:** Keep the lift supports and sensor areas clean from dirt, dust, and debris.
- **Inspect Connections:** Periodically check all wiring connections for tightness and signs of wear.
- **Lubrication:** Apply a small amount of silicone lubricant to the moving parts of the lift supports if any squeaking or stiffness occurs.
- **Avoid Forceful Manual Operation:** Do not manually force the tailgate open or closed when the power system is active, as this can damage the motors.

TROUBLESHOOTING

If you encounter issues with your power liftgate, refer to the following common problems and solutions:

- **Tailgate Not Responding:**

- Check if the vehicle battery is sufficiently charged.
 - Ensure all wiring connections are secure.
 - Verify that the control buttons are not obstructed or damaged.
- **Tailgate Stops Mid-Movement:**
 - An obstruction may have triggered the anti-pinch sensor. Clear any obstacles in the tailgate's path.
 - Check for any debris or foreign objects in the lift support mechanisms.
- **Unusual Noises During Operation:**
 - Inspect lift supports for damage or misalignment.
 - Apply lubricant to moving parts if squeaking is present.
- **Height Setting Not Saved:**
 - Ensure you held the tailgate button long enough for the 'beep' confirmation.
 - Repeat the height adjustment procedure carefully.

If problems persist, it is recommended to consult a professional technician or contact EVFRONTIERX customer support.

SPECIFICATIONS

Specification	Detail
Brand	EVFRONTIERX
Model Number	ET-Kia Seltos- 2024
Compatible Vehicle	Kia Seltos 2024, 2025
Auto Part Position	Rear
Material	Metal
Item Weight	6 kg
Parcel Dimensions	81.99 x 21.01 x 16.99 cm
Included Components	Control box, lift support, electric suction lock, button, wire

WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or replacement parts, please refer to the documentation included with your purchase or contact EVFRONTIERX customer service directly. Contact details can typically be found on the product packaging or the seller's official website.