

EVFRONTIERX Kia Seltos 2024 2025 with Kick Sensor

EVFRONTIERX Power Liftgate Kit for Kia Seltos 2024-2025 with Kick Sensor Instruction Manual

Model: Kia Seltos 2024 2025 with Kick Sensor

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your EVFRONTIERX Power Liftgate Kit for the Kia Seltos 2024 and 2025 models. This electric tailgate system enhances vehicle convenience by automating the opening and closing of your car's trunk.

The system integrates smart features designed for ease of use and safety, including automatic operation, adjustable height settings, obstacle detection, and anti-pinch protection. With multiple control modes and an optional foot-activated sensor, managing your vehicle's tailgate becomes effortless.

2. PACKAGE CONTENTS

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

- Control Box
- Electric Struts (Left and Right)
- Connecting Wire Harness
- Front Button (for driver's cab)
- Rear Door Close Button
- Kick Sensor Module (if included in your package)
- Installation Manual



Image 2.1: Overview of Power Liftgate Kit Components

Foot Sensor



Image 2.2: Foot Sensor Components

3. KEY FEATURES

The EVFRONTIERX Power Liftgate Kit offers the following functionalities:

- **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 obstruction is detected.
- **Anti-Pinch Protection:** Prevents injury by reversing movement if resistance is met during closing.
- **Memory Function:** Stores your preferred tailgate opening height.
- **One-Touch Opening/Closing:** Simple operation via various control methods.
- **Soft-Close Feature:** Ensures gentle and quiet closing of the tailgate.
- **Multiple Control Modes:** Operate using the original car key remote, tailgate button, driver's cab button, or foot sensor.

Installation Demo

— for reference only

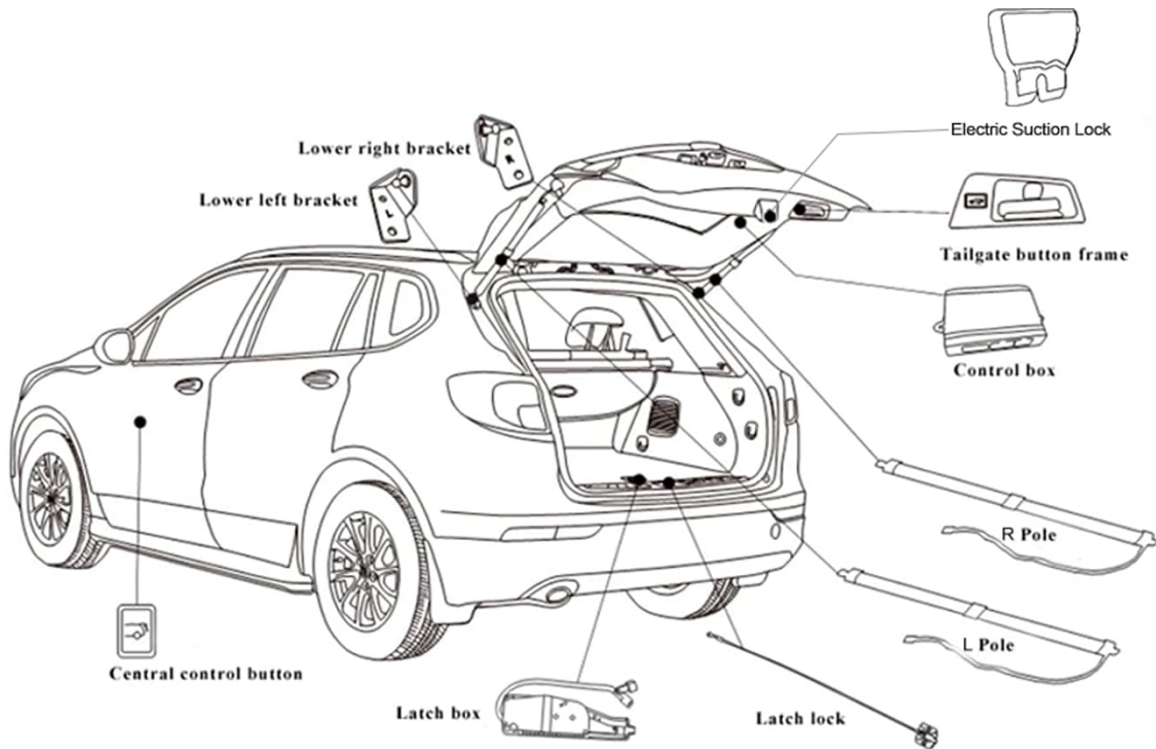


Image 3.1: Electric Tailgate Lift Control Features

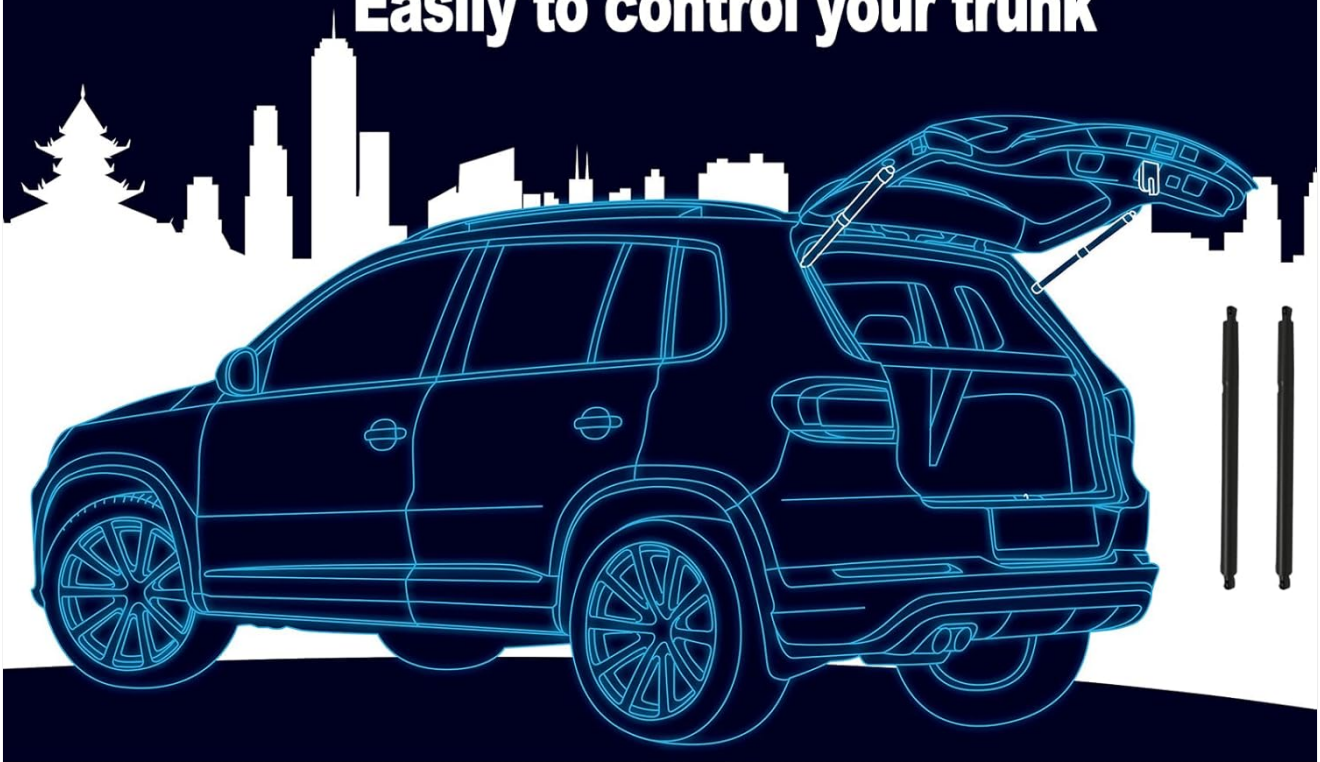
4. SETUP AND INSTALLATION

Professional installation is strongly recommended for this product to ensure optimal performance and safety. The installation process involves electrical wiring and mechanical component replacement. Refer to the detailed installation manual included in your package for specific steps and diagrams.

A general overview of the installation points includes:

- Replacing original tailgate struts with electric struts (R Pole, L Pole).
- Installing the control box in a suitable location.
- Connecting the wiring harness to the vehicle's electrical system.
- Installing the front control button in the driver's cab.
- Installing the rear close button on the tailgate.
- Integrating the electric suction lock and latch box.
- Mounting the kick sensor module (if applicable) near the rear bumper.

Electric Tail Gate Lift, Easily to control your trunk



- Factory Remote Control
- Front & Rear Buttons
- Height Adjustment
- Intelligent Anti-Pinch
- Foot Sensor (optional)
- Voice Control (optional)

Image 4.1: Installation Diagram Overview

5. OPERATING INSTRUCTIONS

The EVFRONTIERX Power Liftgate Kit offers several convenient ways to operate your tailgate:

5.1. Using the Factory Remote Control

Press the designated tailgate button on your original car key remote to open or close the tailgate automatically.



Factory Remote Control



Image 5.1.1: Remote Control Operation

5.2. Using the Front Button

Locate the installed front button in the driver's cab. Press this button to open or close the tailgate from inside the vehicle.



Height Adjustment



Image 5.2.1: Front Button Operation

5.3. Using the Rear Button

Press the rear button located on the tailgate itself to open or close it when you are at the back of the vehicle.



Intelligent Anti-pinch



Image 5.3.1: Rear Button Operation

5.4. Foot Kick Sensor Operation (if installed)

With the kick sensor installed, you can open or close the tailgate by simply waving your foot under the rear bumper. Ensure your car key is within detection range.



Front Button



Image 5.4.1: Foot Kick Sensor in Use

5.5. Height Adjustment and Memory Function

To set a custom opening height, manually adjust the tailgate to your desired position. Then, press and hold the tailgate close button until you hear a beep, indicating the height has been saved. The tailgate will now open to this height consistently.

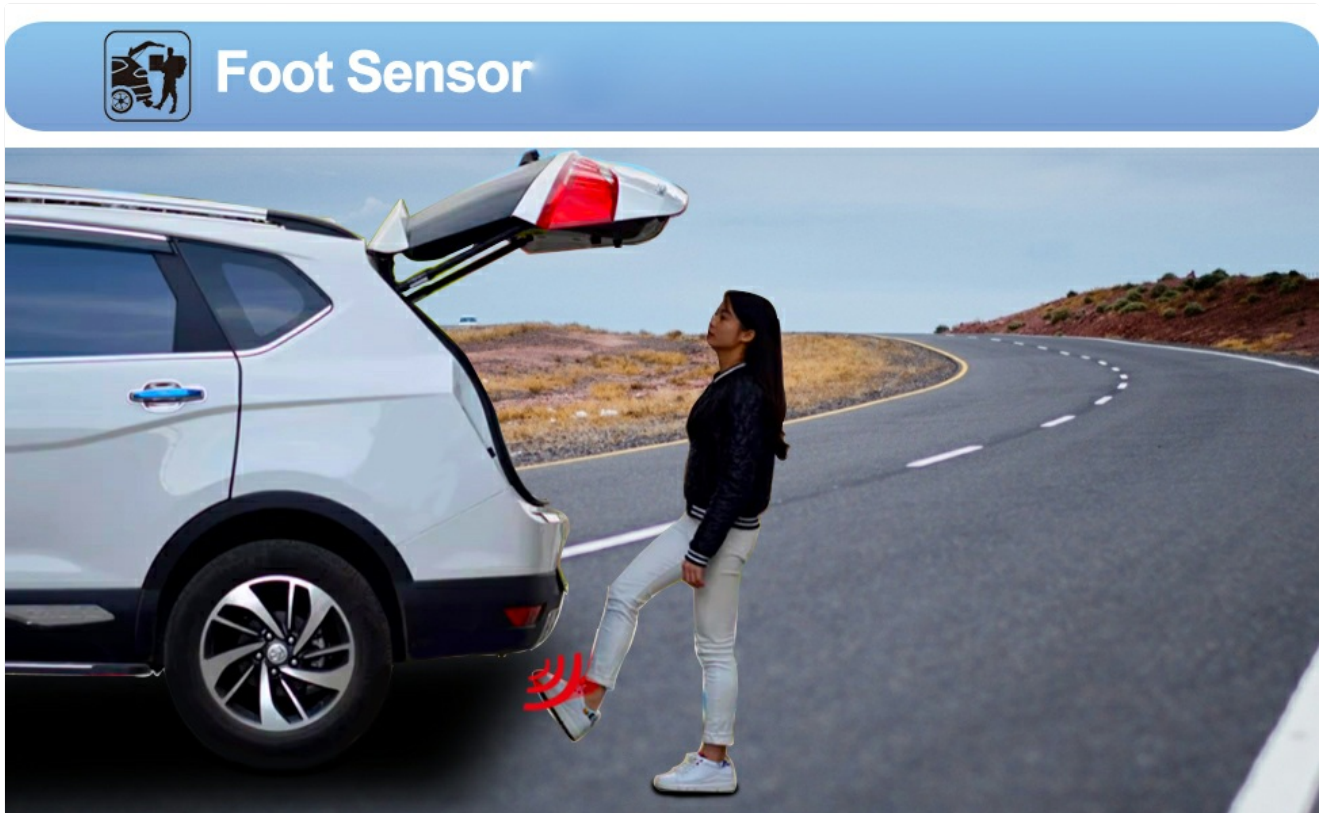


Image 5.5.1: Tailgate Height Adjustment

5.6. Anti-Pinch Protection

During closing, if the tailgate encounters an obstruction, it will automatically reverse its movement to prevent pinching or damage. Ensure the area around the tailgate is clear before closing.



Rear Button



Image 5.6.1: Anti-Pinch Feature

6. MAINTENANCE

To ensure the longevity and proper functioning of your Power Liftgate Kit, consider the following maintenance guidelines:

- **Regular Inspection:** Periodically check the electric struts, wiring, and mounting points for any signs of wear, damage, or looseness.
- **Cleaning:** Keep the tailgate area and sensor clean from dirt, debris, or ice, which could interfere with operation. Use a soft, damp cloth for cleaning.
- **Avoid Obstructions:** Always ensure the tailgate's path is clear during operation to prevent unnecessary strain on the motor and anti-pinch system.
- **Professional Check-ups:** If you notice any unusual noises, erratic behavior, or complete malfunction, consult a professional for diagnosis and repair.

7. TROUBLESHOOTING

If you encounter issues with your Power Liftgate Kit, refer to the following common troubleshooting steps:

- **Tailgate Not Opening/Closing:**
 - Check if the vehicle battery has sufficient charge.
 - Ensure all connections are secure and free from corrosion.
 - Verify that no objects are obstructing the tailgate's path.
- **Tailgate Stops Mid-Operation:**
 - This may indicate the anti-pinch system has been activated. Remove any obstructions and try again.
 - Check for any physical damage to the struts or hinges.

- **Foot Sensor Not Responding:**

- Ensure your car key is within close proximity to the vehicle.
- Clean the area around the sensor to remove dirt or debris.
- Perform the foot gesture smoothly and directly under the sensor area.

- **Unusual Noises:**

- If you hear grinding or squeaking, the struts may require lubrication or inspection by a professional.

For persistent issues or complex problems, it is recommended to contact EVFRONTIERX customer support or a qualified automotive technician.

8. SPECIFICATIONS

Specification	Detail
Brand	EVFRONTIERX
Compatible Vehicle	Kia Seltos 2024, 2025
Item Model Number	4c2691c7-2aaf-4eb8-8296-7cb7bcc94af8
Material	Metal
Auto Part Position	Rear
Package Dimensions	28.35 x 8.27 x 6.97 inches
Item Weight	13.78 Pounds

9. WARRANTY AND SUPPORT

EVFRONTIERX provides a **1-Year Warranty** for this Power Liftgate Kit. We are committed to offering hassle-free support for our products.

For any questions, technical assistance, or warranty claims, please contact EVFRONTIERX customer service through the platform where you purchased the product or refer to the contact information provided in your package.