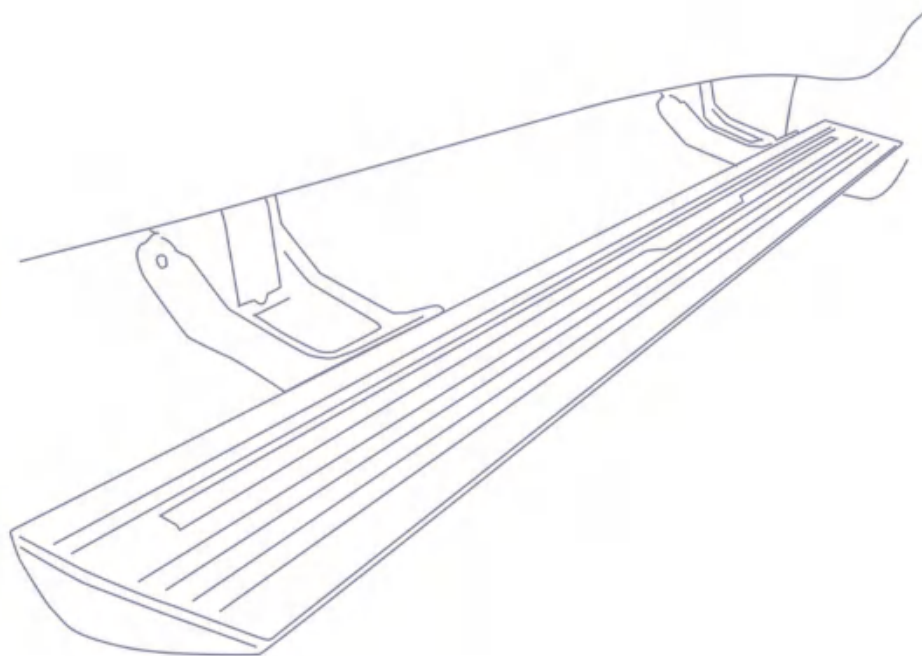


Installation instructions

Name:Electric pedals

Model car:2024-2026Ford F-150



Installation/Operating Manual

Precautions

1. For your convenience during installation, please carefully read the product manual before installation. When installing, pay attention to protecting the surface of your beloved vehicle to avoid scratching.
2. Regularly check whether all accessories connected to the pedal and vehicle are loose to ensure safety during use.
3. Follow the installation instructions strictly according to the markings in the wiring diagram.
4. The main unit box of the electric pedal does not have waterproof or water-resistant functions. Therefore, please install the main unit box in a location where rainwater or car wash water cannot easily enter.
5. When installing the main unit box and wiring, be sure to avoid high-temperature components such as engine casings and exhaust pipes.
6. When connecting signal wires, ensure there is no short circuit between two wires or between the wires and the vehicle body. Always use the wire clips provided by the manufacturer.
7. Due to the wiring running from the underside of the vehicle, to enhance the waterproof performance of the joints, after connecting with the motor, ensure that the joints are tightly secured. Use adhesive tape to wrap around the motor joints to increase waterproofing.

Basic electrical components



Main Harness

ECU

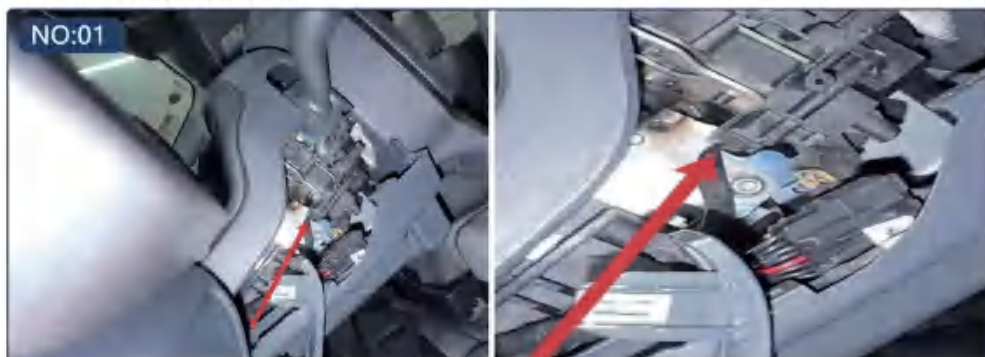
Ford signal cable

Fuse for power supply

Motor Cable

Wiring diagram

Cable connection



Location: Plug-in under steering wheel

Connect our signal adapter cable to vehicle OBD port, then plug into main wiring harness signal line.



OEM power connector under driver's seat (remove seat).
Plug directly to our harness.

2025 Ford F-150 Power Cable Wiring Position



Negative cable: Inside right passenger trim panel, remove panel.



Negative wire locates inside right passenger trim panel. Remove the panel for access.



Negative (-)



Negative (+)



Positive cable connection



Negative cable connection

Power Cable Wiring Precautions:

1. The area around the screw connecting the power negative must be metal and ensure a good connection with the vehicle body. If the screw is underneath plastic, please change the connection point!
2. The controller is not waterproof and must be placed inside the vehicle. It should be secured with zip ties to avoid movement that could cause abnormal noises!
3. When installing the positive power fuse, please note:
 - 3.1 If the position where the pedal is installed has a fuse, remove the original vehicle fuse and install it in the pedal's fuse slot, then insert the pedal's fuse slot into the vehicle's fuse box. If there is no fuse in that position, simply insert the pedal's fuse slot into the vehicle's fuse box.
 - 3.2 When inserting the fuse slot into the original vehicle fuse box, follow the direction shown in the picture strictly. Inserting it incorrectly may cause abnormal vehicle functions.



Pedal Fuse

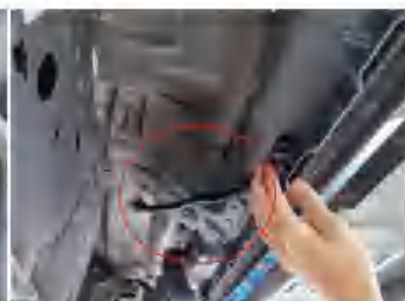


**Pedal Fuse
Original - vehicle
Fuse**

Left - motor Wire: It's under the driver's seat.



Right - motor Wire: It's under the front - passenger's seat.



Wiring Precautions for Motor Wires:

1. The white connector for the motor extension wire and the main harness is not waterproof and must be placed inside the vehicle!
2. After the wiring harness passes through the chassis's wiring hole, waterproofing must be done using the silicone provided with the product!

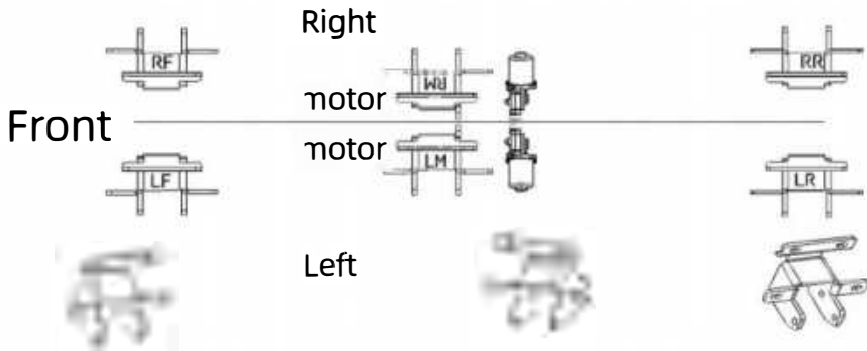
Pedal installation

Bracket Installation Positions Correspondence:

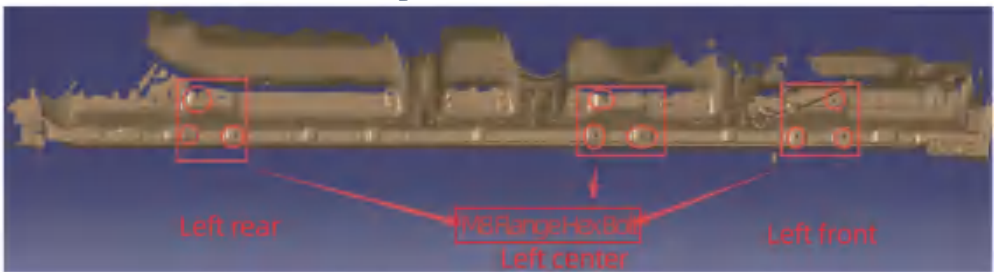
LF: Left Front Bracket, LR: Left Rear Bracket,

RF: Right Front Bracket, RR: Right Rear Bracket

2024+Ford F150 for Installation instructions



Left and right identical installation



Left Bracket Installation Diagram



Left Pedal Installation Diagram



Left Pedal Installation Diagram

Maintenance and Servicing

Thank you for choosing the automotive electric pedal products manufactured by Co., Ltd.

To safeguard your rights and ensure safe usage, please carefully read the following disclaimer before installation and use. By installing or using this product, you confirm that you have read, understood, and agreed to all the contents of this disclaimer.

Warranty Terms

1. **Installation and Usage Responsibility:** Users must ensure that the electric pedal is installed correctly as per the product manual, and installation should only be carried out by professionals with appropriate skills. Incorrect installation may lead to malfunction, damage, or safety incidents. Users are solely responsible for any consequences arising from such errors.
2. **Modification and Third-Party Accessories:** Without explicit written permission from Co., Ltd., any unauthorized modification of the electric pedal or use of non-original accessories may result in abnormal product functions, increased safety hazards, or other damages. In such cases of pedal installation, our company assumes no responsibility.
3. **Following the manual instructions,** we do not accept responsibility for injuries or losses caused by disregarding safety warnings. Regular maintenance checks are advised, and non-factory modifications leading to damage are not covered by warranty.
4. **Be cautious not to come into contact with corrosive liquids.** Please perform regular maintenance on the electric pedal when in use. Neglecting these responsibilities may result in issues that are not covered under warranty.

Troubleshooting

- (1) Check power supply
- (2) Door control signal check
- (3) Mechanical components inspection
- (4) Motor and sensor check
- (5) Control module and circuit check
- (6) Trial operation and reset

Lighting style APP settings

Function Introduction

Smartctr is a user terminal software designed to control electric pedals and retrieve information about them. This software can control the operation of the pedals, set operational parameters, and obtain operational information about the pedals.

2-1 Download the App

1. For Android Phones

Users can search for "smartctr" on Google Play and install it.

2. For Apple Phones

Users can search for "smartctr" in the Apple Store and install it.

APP connection pedal operation steps

1. In the installation app market or Appstore, search for the app name SmartrCtr and download and install it.
2. Open SmartCtr to enter the APP interface (default password 123456) Parts List.
3. Click the circular button below to search for pedals.
4. Click on the pedal name that appears above to complete the connection and enter the interface Maintenance and Servicing.

2.2 Main Control Interface

After a successful connection, enter the main interface, which is the main control interface.

1. Status Reminder Introduction

 No door signal received

 Received door signal

 Pedal not locked

 Pedal locked

2. Introduction to control buttons

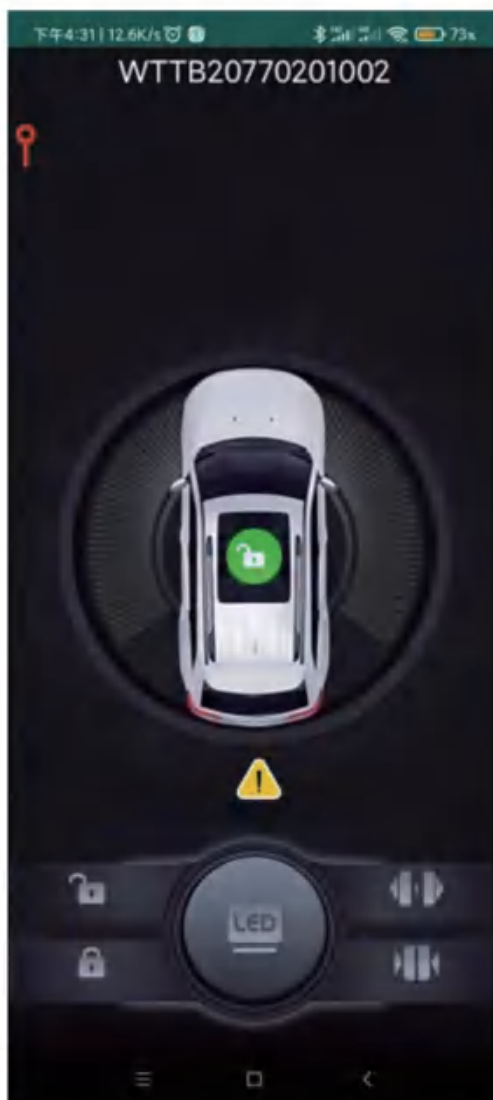
 Pedal open button.

 Pedal close button.

 Pedal unlock button.

 Pedal lock button.

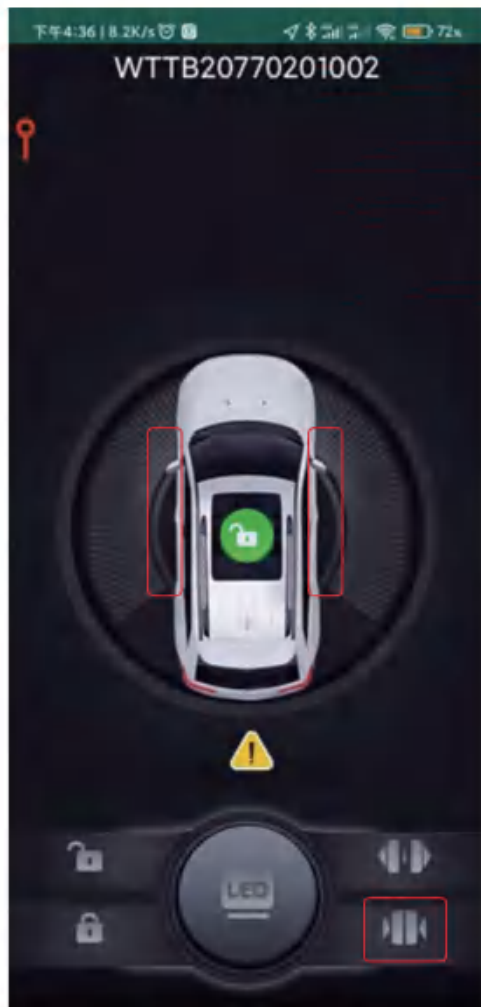
 LED setting button to enter the LED light setting page.



pedal switch



Running board extension



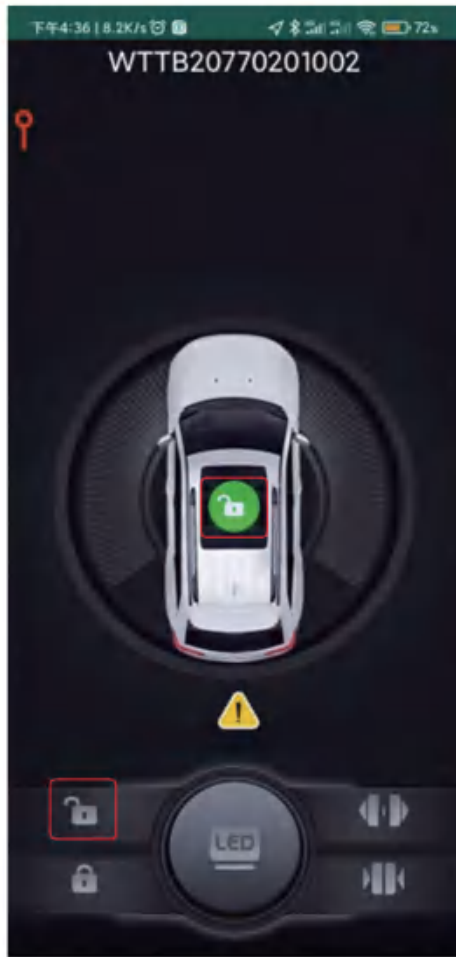
Running board retraction

3. Electric running board entry and exit control, according to the diagram below  and  icon, You can control the opening and closing of the running board, and at the same time, the real-time status of the running board will be displayed in the middle car image.

pedal lock



Pedals Locked



Pedals Unlock

4. Electric running board lock, according to the bottom left corner of the picture above  and  Keys, It can be controlled to determine whether the running board is locked, and the real-time status of the locking of the running board will be displayed in the image in the upper right corner.

color mode

click  button Enter the LED light mode settings page and you can enter the following different modes:

- 1.Color tray fully lit: The selected color in the bright color tray.
- 2.Three color jump: red, green, and blue jump.
- 3.Three color flash: red, green, blue flash.
- 4.Seven color jump: red, green, blue, white,green, yellow, purple jump.
- 5.Seven color gradient: Red, green, blue, white, green, yellow, and purple slowly changing.
- 6.Three color gradient: red, green, and blue.
- 7.slowly changing
- 8.Seven color breathing: alternating breathing.
- 9.of red, green, blue, white, green, yellow,and purple.



Open the door

driving

steering

Choose different LED light

variation styles.



Color tray, click to select color.

Put out

full color wheel

color wheel strobing

color wheel with
3-point rotation

Mode selection, swipe up and
down to select lighting mode.

80%

90%

100%

Brightness selection, swipe up
and down to select brightness.

