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› Bestwyll E-K22 Electric Retractable Tonneau Cover User Manual for Ford F-150 (2015-2026) 5.5 Ft Bed

Bestwyll E-K22

Bestwyll E-K22 Electric Retractable Tonneau Cover User Manual

Model: E-K22 | For 2015-2026 Ford F-150 5.5 Ft Bed (66")

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Bestwyll E-K22 Electric Retractable Hard Truck Bed Tonneau Cover. This cover is specifically engineered for the 2015-2026 Ford F-150 with a 5.5 Ft (66 inch) bed, including Raptor and Lightning models. It integrates seamlessly with the vehicle's design and features, such as the automatic tailgate.

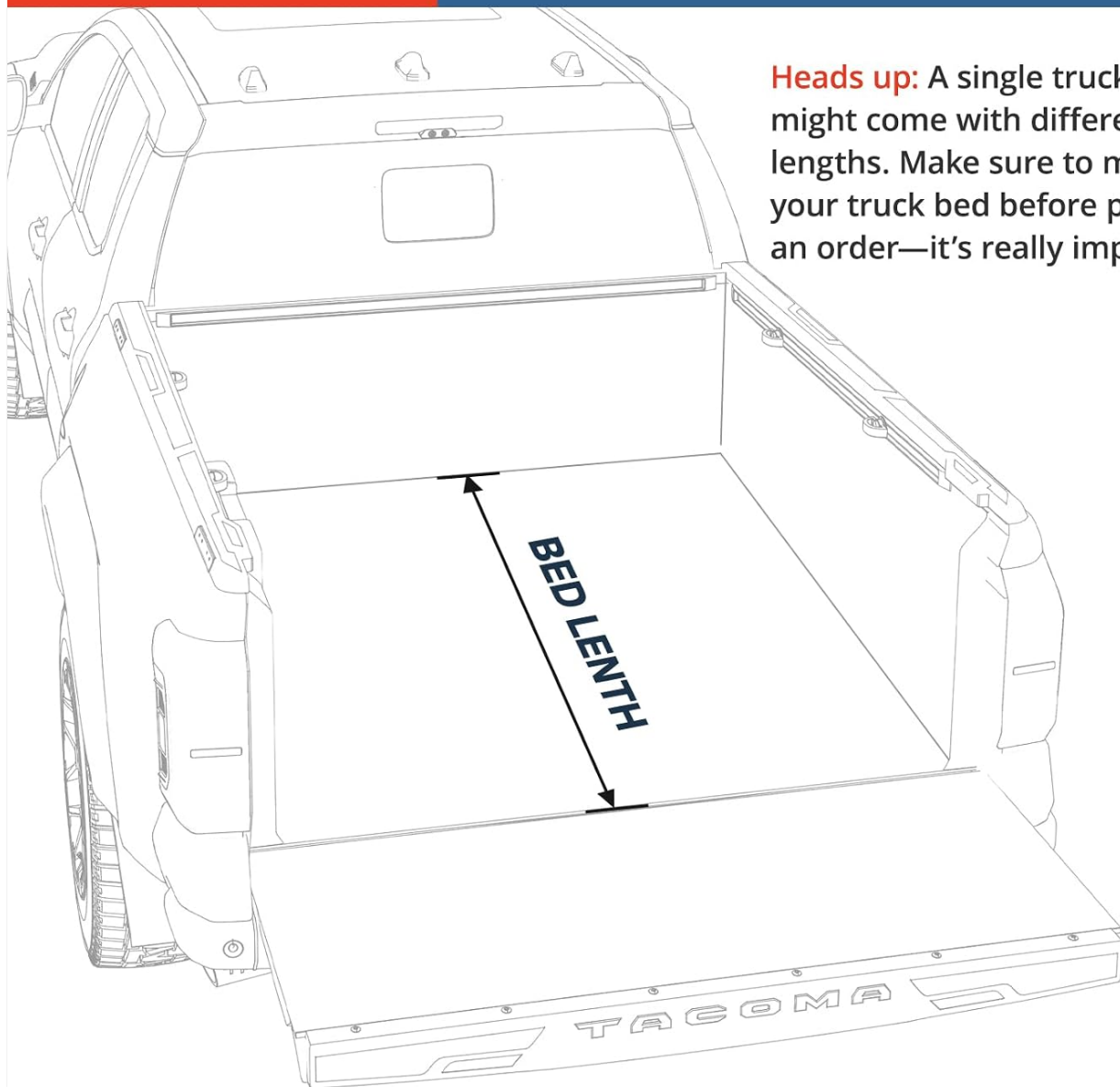


Image 1.1: The Bestway E-K22 Electric Retractable Tonneau Cover installed on a Ford F-150 truck bed.

2. COMPATIBILITY VERIFICATION

Before installation, it is crucial to verify your truck bed size to ensure proper fitment. This tonneau cover is designed for Ford F-150 models from 2015 to 2026 with a 5.5 Ft (66 inch) short bed.

HOW TO MEASURE YOUR TRUCK BED SIZE



Heads up: A single truck model might come with different bed lengths. Make sure to measure your truck bed before placing an order—it's really important!

Image 2.1: Diagram illustrating the correct method to measure your truck bed length from inside the bed.

HOW TO MEASURE YOUR TRUCK BED

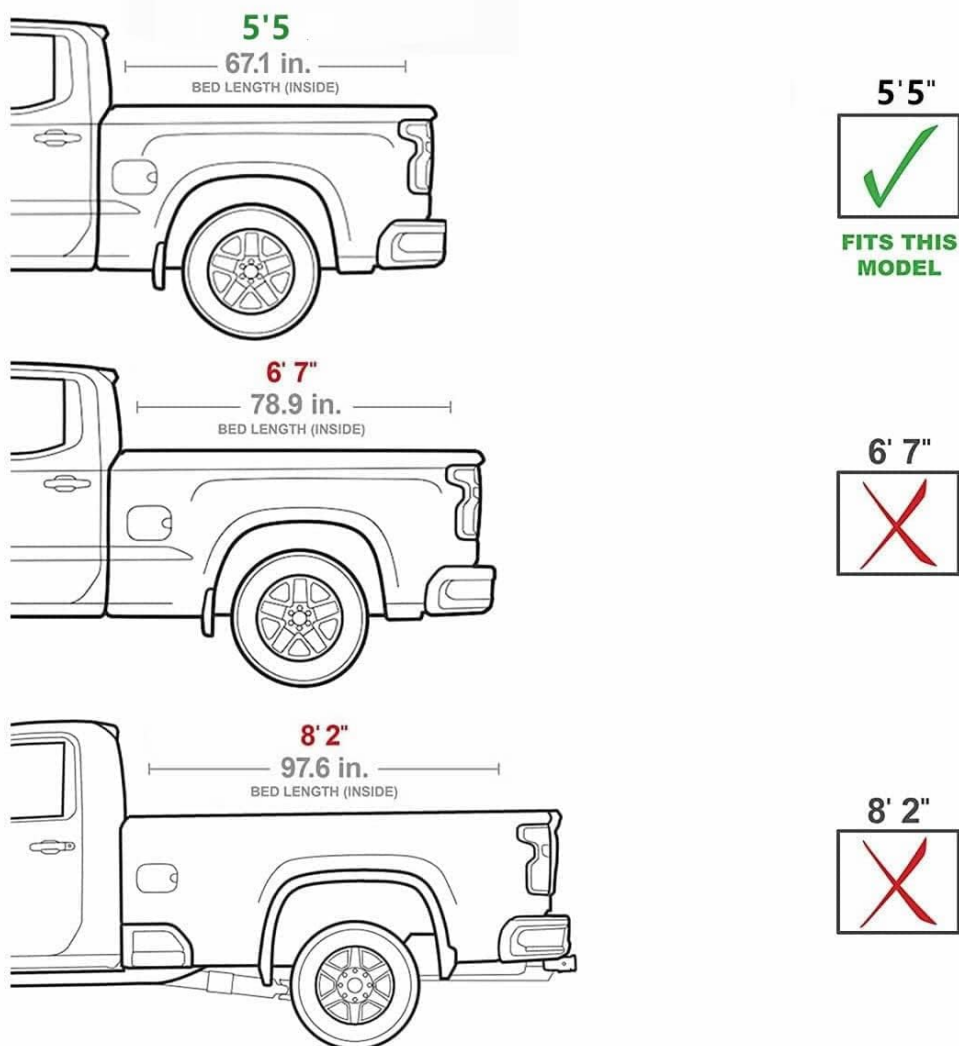


Image 2.2: Visual guide indicating compatibility for 5'5" (67.1 in) bed length, and incompatibility for 6'7" (78.9 in) and 8'2" (97.6 in) bed lengths.

3. PACKAGE CONTENTS

Please ensure all components are present before beginning installation:

- Electric Retractable Tonneau Cover Assembly
- Remote Key (2 units)
- Hardware Kit (various fasteners and brackets)
- Install Tool Kit
- Installation Guide (this document)

4. SAFETY INFORMATION

- Always read and understand all instructions before installation and operation.
- Exercise caution when handling heavy components. It is recommended to have assistance when lifting the main cover assembly onto the truck bed.
- Ensure all electrical connections are secure and properly insulated to prevent short circuits or damage.
- Keep hands and clothing clear of moving parts during operation.
- Do not allow children to operate the tonneau cover remote or app.

- Verify that the truck bed is clear of obstructions before retracting or extending the cover.

5. SETUP AND INSTALLATION

The installation process typically takes 40-100 minutes. No special tools are required beyond those provided in the kit. It is highly recommended to have a second person assist with lifting and positioning the cover assembly.

5.1. Pre-Installation Steps

1. Unpack all components and verify against the package contents list.
2. Clear the truck bed of any debris or obstructions.
3. Familiarize yourself with the components, especially the front and rear brackets.

5.2. Mounting the Cover Assembly

The Bestwyll cover mounts directly to the factory Ford F-150 BoxLink system, ensuring a sturdy and integrated fit.



Image 5.1: Illustration of the Bestwyll vehicle-specific steel bracket kit (front and rear brackets) and the factory-supplied BoxLink plates.

1. With assistance, carefully lift the tonneau cover assembly onto the truck bed.
2. Position the assembly so the canister is at the front of the truck bed, near the cab.
3. Attach the side rails to the canister using the provided shorter screws. Ensure the offset brackets are positioned towards the front of the bed.
4. Clamp the rails onto the bed using the hardware kit, aligning with the BoxLink system.
5. Ensure the rails are parallel and equidistant from the canister to the tailgate. Use a measuring tool to confirm symmetry.

5.3. Electrical Connection for OEM Key Fob

To enable operation with your factory key fob, connect the yellow signal wire:

Video 5.2: Official Bestwyll guide on connecting the yellow OEM key signal wire for Ford F-150 models.

1. Locate the driver's side B-pillar.
2. Identify the brown plug.
3. With the plug's tab facing down, connect the yellow wire from the tonneau cover harness to pin position 4 (bottom row, 4th slot from the right). Note: In some 2024 F-150 Lightning models, this wire may be brown with green.
4. Route the main power wire from the tonneau cover to the vehicle's battery, ensuring it is secured and protected from abrasion.

6. OPERATING INSTRUCTIONS

Your Bestwyll E-K22 tonneau cover offers multiple convenient ways to operate:

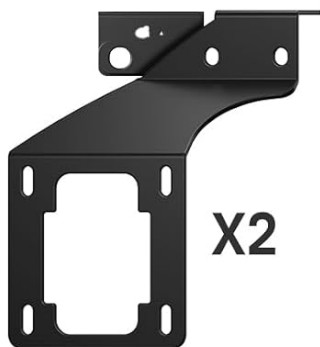
6.1. Remote Key Operation

Use the dedicated remote key provided to extend or retract the cover.

WORKS SEAMLESSLY WITH FACTORY

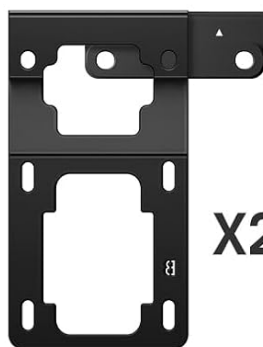
BESTWYLL VEHICLE-SPECIFIC STEEL BRACKET KIT

FRONT BRACKET



X2

REAR BRACKET



X2

INCLUDED WITH THE PRODUCT

BOXLINK PLATES



X4



SUPPLIED WITH TRUCK

Image 6.1: A hand using the remote key to operate the electric retractable tonneau cover.

6.2. Smartphone App Control

Download the Bestwyll smartphone application to control the cover via Bluetooth.

RECOIL RETRACTABLE COVER

High quality durable materials provide maximum protection



Image 6.2: A smartphone screen showing the Bestway application interface used to control the tonneau cover.

6.3. Factory Key Fob Operation

If the yellow signal wire is connected (refer to Section 5.3), you can operate the cover using your vehicle's factory key fob. Press the unlock button three times to extend or retract the cover. Press again to stop it at any desired position.

6.4. Interior Button

An interior button is provided for direct control from within the truck bed or cab, offering the same functionality as the remote key.

6.5. Custom Locking Positions

The retractable cover allows for custom locking capabilities, enabling you to stop and secure the cover at any point along the rails. This feature is useful for carrying various sized cargo while maintaining partial bed coverage.



Image 6.3: The tonneau cover partially retracted, demonstrating its ability to secure cargo while allowing access to the front of the truck bed.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tonneau cover.

- **Cleaning:** Clean the cover surface with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the matte black powder-coated aluminum finish.
- **Drainage System:** The cover features an integrated water management system. Periodically check the drainage tubes for any blockages from debris and ensure they are clear to prevent water accumulation in the truck bed.
- **Rail Inspection:** Inspect the rails for any debris or obstructions that might hinder smooth operation. Keep the rails clean.
- **Electrical Connections:** Periodically check all electrical connections for corrosion or looseness.

8. TROUBLESHOOTING

Refer to the following common issues and their solutions:

Issue	Possible Cause	Solution
Cover stops short or does not open/close fully.	Temporary power loss or calibration issue.	After power is restored, the cover may require a short period of normal operation (driving) to recalibrate. If the issue persists, manually extend and retract the cover fully.
Tailgate does not close properly with the cover installed.	Incorrect adjustment of rear brackets or cover position.	Loosen the bolts on the adjustable brackets (do not remove). Push the canister as far forward as possible. Adjust the rear brackets slightly upward to provide additional clearance for the tailgate. Tighten all bolts securely.
Cover operation is not smooth or binds.	Rails are not parallel or debris in the tracks.	Ensure the rails are clean and free of obstructions. Verify that the distance between the rails at the front (canister) and rear (tailgate) is identical to maintain parallelism. Refer to the video below for guidance.

Video 8.1: Official Bestwyll demonstration on measuring rail parallelism using fixtures for optimal cover function.

9. SPECIFICATIONS

Feature	Detail
Brand	Bestwyll
Model Number	E-K22
Style	Electric Powered Retract
Material	Aluminum
Exterior Finish	Matte black powder-coated aluminum
Lock Type	Original Key, Remote key, Smartphone
Automotive Fit Type	Vehicle Specific Fit (Ford F-150 2015-2026, 5.5 Ft Bed)
Included Components	Install tool kit, Remote key, hardware kit, install guide

10. WARRANTY INFORMATION

The Bestwyll E-K22 Electric Retractable Tonneau Cover comes with a one-year manufacturer's warranty. Please retain your proof of purchase for any warranty claims.

11. CUSTOMER SUPPORT

For technical assistance, installation queries, or warranty support, please contact Bestwyll directly through their official channels or the seller from whom you purchased the product. Provide your model number (E-K22) and any relevant details or images to expedite support.

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