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### AMP Research 86242-01A

## AMP Research PowerStep Smart Series Instruction Manual

Model: 86242-01A

### INTRODUCTION

The AMP Research PowerStep Smart Series provides automatic, electric-powered running boards designed for enhanced convenience and vehicle aesthetics. These steps extend automatically when a vehicle door is opened and retract discreetly when closed, offering improved ground clearance and a streamlined appearance. This manual provides essential information for the setup, operation, and maintenance of your PowerStep Smart Series.



*Image: The AMP Research PowerStep Smart Series, illustrating its dual functionality with steps both retracted and extended.*

## PRODUCT FEATURES

- **Vehicle Fitment:** Specifically designed to fit 2023 - 2024 Ford F-250/F-350/F-450 Super Duty (Sync 4 Models Only).
- **Smart Control App:** Features a new mobile application available for both iOS and Android devices. This app allows users to extend or retract the steps remotely without opening the door and control auxiliary lighting.
- **Optimized Step Profile:** The step profile is engineered to complement the chiseled design of modern truck body styles, ensuring a seamless integration.
- **Low Profile LED Kit Integration:** Includes an auxiliary port for powering and operating additional LED lights, enhancing visibility and safety.

## WHAT'S IN THE BOX

Upon unboxing your AMP Research PowerStep Smart Series, you should find the following components:

- PowerStep Running Boards (Left and Right)
- All necessary Mounting Hardware
- Detailed Installation Instructions

## SETUP AND INSTALLATION

Installation of the AMP Research PowerStep Smart Series involves mounting the steps to the vehicle's frame and connecting the electrical system. While the process is designed to be straightforward, professional installation is recommended for optimal performance and safety. Refer to the detailed installation instructions included in the box for specific, step-by-step guidance tailored to your vehicle model.



*Image: A close-up view of hands connecting a wiring harness, illustrating a key step in the electrical setup of the PowerStep Smart Series.*



*Image: The AMP Research PowerStep Smart Series in its extended position, providing a stable platform for vehicle entry and exit.*

## OPERATING INSTRUCTIONS

The PowerStep Smart Series operates automatically. When a vehicle door is opened, the steps will deploy to provide a convenient stepping surface. When the door is closed, the steps will retract back into their concealed position beneath the vehicle. For advanced control, including overriding the automatic function or operating auxiliary lighting, utilize the dedicated mobile application on your smartphone.



*Image: A truck with the AMP Research PowerStep Smart Series in its retracted position, demonstrating the clean, integrated look when not in use.*

## Maintenance

To ensure the longevity and optimal performance of your PowerStep Smart Series, regular maintenance is recommended:

- **Cleaning:** Keep the steps and linkage mechanisms free from dirt, mud, salt, and debris. Use a mild soap and water solution for cleaning, then rinse thoroughly.
- **Inspection:** Periodically inspect all mounting hardware and electrical connections for tightness and signs of wear or corrosion.
- **Lubrication:** Apply a silicone-based lubricant to the pivot points of the step linkages every few months, especially in harsh environments, to ensure smooth operation.

## Troubleshooting

If you encounter issues with your PowerStep Smart Series, consider the following troubleshooting steps:

- **Steps Not Extending/Retracting:** Check all electrical connections to ensure they are secure and free from corrosion. Verify that the vehicle's battery has sufficient charge.

- **App Connectivity Issues:** Ensure your mobile device's Bluetooth is enabled and that the PowerStep app is updated to the latest version. Try restarting both the app and your device.
- **Unusual Noises:** Inspect the linkages for any obstructions or excessive dirt. Lubricate pivot points as described in the Maintenance section.

For persistent issues, refer to the comprehensive troubleshooting guide in your included installation instructions or contact customer support.

## SPECIFICATIONS

<b>Brand</b>	AMP Research
<b>Model</b>	Smart Series
<b>Item Model Number</b>	86242-01A
<b>Material</b>	Aluminum
<b>Color</b>	Black
<b>Exterior Finish</b>	Painted
<b>Item Dimensions (L x W x H)</b>	81 x 13 x 8 inches
<b>Item Weight</b>	55.9 pounds
<b>Weight Limit</b>	500 Pounds
<b>Vehicle Service Type</b>	Truck
<b>UPC</b>	815410015120

## WARRANTY INFORMATION

AMP Research provides a comprehensive 5-year/60,000 mile warranty for the PowerStep Smart Series. This warranty covers defects in materials and workmanship under normal use and service. For detailed terms and conditions, please refer to the warranty documentation included with your product or visit the official AMP Research website.

## CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims regarding your AMP Research PowerStep Smart Series, please contact AMP Research customer support. You can find contact information and additional resources on the official AMP Research website: [www.amp-research.com](http://www.amp-research.com).

