

[Manuals.plus](#) /

› [RealTruck](#) /

› RealTruck AMP Research PowerStep Plug-N-Play Instruction Manual

RealTruck 76243-01A

RealTruck AMP Research PowerStep Plug-N-Play Instruction Manual

Model: 76243-01A

PRODUCT OVERVIEW

The RealTruck AMP Research PowerStep is an automatic, electric-powered running board system designed to provide convenient and safe access to your truck. These steps instantly extend when the vehicle door is opened and retract out of sight when the door closes, maintaining ground clearance and improving vehicle aesthetics. Constructed with durable die-cast aluminum alloy components and precision stainless steel pivot pins, the PowerStep offers robust stability and all-weather performance.



Image: A pair of black AMP Research PowerSteps, showcasing the retractable running boards and their robust mounting brackets.

SETUP AND INSTALLATION

The AMP Research PowerStep system is engineered for straightforward installation, featuring a plug-n-play module and all necessary hardware. While designed for ease of installation, some vehicle models may require drilling small holes for proper fitment. It is recommended to consult the vehicle-specific installation guide provided with your product for detailed, step-by-step instructions and diagrams.

- **Preparation:** Ensure the vehicle is parked on a level surface and the engine is off. Gather all tools as specified in the installation guide.
- **Mounting Brackets:** Attach the mounting brackets to the vehicle's frame according to the instructions. These brackets provide the foundation for the running boards.
- **Running Board Attachment:** Secure the PowerStep running boards to the installed brackets. Ensure all connections are tight and secure.
- **Wiring and Electrical Connections:** Connect the wiring harness and plug-n-play module to the vehicle's electrical system. This typically involves connecting to the vehicle's door trigger and power source. Follow the wiring diagram precisely to ensure correct operation and safety.
- **Testing:** After installation, test the PowerSteps by opening and closing each door to confirm proper deployment and retraction.



Image: A man demonstrating the ease of entry into a pickup truck with the PowerStep deployed.

OPERATING INSTRUCTIONS

The AMP Research PowerStep operates automatically based on your vehicle's door activity. When a door is opened, the corresponding PowerStep will deploy. When the door is closed, the step will retract. This system is designed for seamless integration and convenience.

- **Automatic Deployment:** Open any vehicle door to activate the PowerStep. The step will extend to a comfortable stepping position.
- **Automatic Retraction:** Close the vehicle door, and the PowerStep will retract discreetly under the vehicle chassis.
- **LED Lighting:** Integrated LED lights illuminate the step surface upon deployment, enhancing visibility and safety during entry and exit, especially in low-light conditions.
- **Anti-Pinch Technology:** The PowerStep is equipped with 'Anti-Pinch' technology, which detects obstructions during

retraction and will stop movement to prevent injury or damage.



POWERSTEP™
BEST EVERYDAY STEP.
Excellent ground clearance and attractive appearance.

Image: A close-up of a foot on the textured, slip-resistant surface of the deployed PowerStep, highlighting its secure footing.



Image: The PowerStep with its low-profile LED lighting activated, showcasing the illuminated step surface and durable construction.

Your browser does not support the video tag.

Video: An official overview of the RealTruck AMP Research PowerStep, demonstrating its automatic deployment and retraction features.

MAINTENANCE

To ensure the longevity and optimal performance of your AMP Research PowerSteps, regular maintenance is recommended:

- **Cleaning:** Periodically clean the step surfaces and pivot points to remove dirt, mud, and debris. Use a mild soap and water solution, then rinse thoroughly. Avoid harsh chemicals or abrasive cleaners.
- **Lubrication:** Apply a silicone-based lubricant to the pivot points and motor mechanisms every few months, or more frequently in harsh environments, to ensure smooth operation.
- **Inspection:** Regularly inspect all mounting hardware, wiring, and electrical connections for any signs of wear, corrosion, or looseness. Tighten any loose fasteners.
- **Winter Care:** In areas with snow and ice, ensure steps are clear of buildup before operation to prevent strain on the

motor.

TROUBLESHOOTING

If you encounter issues with your PowerSteps, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
Steps do not deploy/retract	Loose electrical connection, blown fuse, motor obstruction, or motor malfunction.	Check all wiring connections for tightness. Inspect vehicle's fuse box for a blown fuse related to the steps. Clear any debris or obstructions around the step mechanism. If issues persist, contact customer support.
Steps operate slowly or with difficulty	Lack of lubrication, dirt/debris in mechanism, or motor wear.	Clean and lubricate the pivot points and motor. Remove any visible debris.
LED lights not working	Loose wiring, damaged LED strip, or electrical issue.	Verify LED light connections. Inspect the LED strip for physical damage.

For complex issues or problems not listed, refer to the detailed troubleshooting section in your complete installation guide or contact RealTruck customer support.

SPECIFICATIONS

Feature	Detail
Model Number	76243-01A
Compatibility	2019-2024 RAM 2500/3500 (Gas Only)
Material	Die-cast Aluminum Alloy
Finish	Painted Black
Dimensions (L x W x H)	81 x 13 x 8 inches
Item Weight	56 Pounds
Weight Limit	600 Pounds
Features	Automatic deployment/retraction, LED step lights, Anti-Pinch technology, 6-inch wide cab-length steps, stainless steel pivot pins.
UPC	815410014543
Manufacturer	AMP Research
Date First Available	September 3, 2019
Contents	Powersteps, Hardware, Wiring, Instructions



CATEGORY	AMP RESEARCH®	COMPETITION
Plug-n-play technology	✓	—
Simplified installation	✓	—
Protected controller module	✓	—
LED lighting	✓	✓
6-Inch wide step slate	✓	✓
Premium drive motor	✓	—

Image: Feature comparison highlighting the advantages of AMP Research PowerSteps.

WARRANTY AND SUPPORT

RealTruck and AMP Research stand behind the quality and durability of the PowerStep system.

- **Warranty:** This product is backed by a comprehensive 5-year/60,000-mile warranty, covering manufacturing defects and material failures under normal use.
- **Customer Support:** For technical assistance, warranty claims, or additional information, please refer to the contact details provided in your product packaging or visit the official RealTruck or AMP Research website.

© 2024 RealTruck. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question