

APS iArmor IA-77971112

APS iArmor 304 Stainless Steel 6.5-inch Nerf Bars / Pocket Steps

INSTALLATION AND USER MANUAL

Model: iArmor IA-77971112 | Brand: APS

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your APS iArmor 304 Stainless Steel 6.5-inch Nerf Bars / Pocket Steps. These running boards are designed to provide a secure step into your vehicle and offer protection to the rocker panels. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) during installation, including safety glasses and gloves.
- Ensure the vehicle is parked on a level surface with the parking brake engaged before beginning installation.
- Never exceed the product's maximum weight capacity of 500 lbs.
- Verify all hardware is securely tightened after installation and periodically check for tightness during regular vehicle maintenance.
- If you are unsure about any step of the installation process, consult a qualified professional.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Set (2) of Side Armor (Nerf Bars / Pocket Steps)

- Mounting Kit (includes all necessary brackets and hardware)

4. SPECIFICATIONS

Feature	Detail
Brand	APS
Model	iArmor IA-77971112
Material	304 Stainless Steel (Nerf Bars) + Steel (Brackets)
Exterior Finish	Matte Black Powder Coated Finish
Dimensions (L x W x H)	71 x 6.5 x 6 inches
Item Weight	45.2 pounds
Weight Limit	500 Pounds
Vehicle Service Type	Sport Utility Vehicle
UPC	647297174689

5. COMPATIBILITY

These APS iArmor Nerf Bars / Pocket Steps are compatible with the following vehicle:

- **Jeep Wrangler JL 4-Door models, years 2018-2025**(including 2021-2025 4xe models).

Important Note: Factory side steps or rock rails must be removed prior to installing these APS iArmor Nerf Bars.



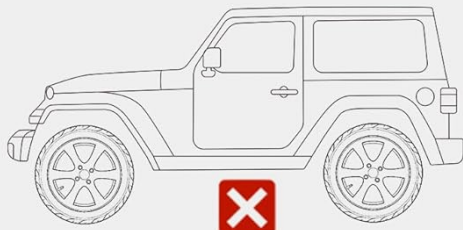
Image: Compatibility diagram illustrating that the product is suitable for 4-door Jeep Wrangler JL models, not 2-door models.

6. INSTALLATION (SETUP)

The APS iArmor Nerf Bars are designed for straightforward installation using the included brackets and hardware. Professional installation is recommended if you are not familiar with vehicle modifications.

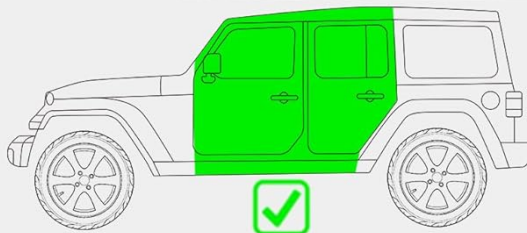
General Installation Steps:

1. **Preparation:** Park the vehicle on a flat, stable surface. Engage the parking brake. If present, remove any existing factory side steps or rock rails.
2. **Identify Components:** Separate the left and right side steps and corresponding mounting brackets.
3. **Attach Brackets:** Secure the mounting brackets to the vehicle's frame using the provided hardware. Refer to the specific vehicle's mounting points.
4. **Mount Nerf Bars:** Carefully lift each nerf bar into position and attach it to the installed brackets using the remaining hardware.
5. **Adjust and Tighten:** Adjust the position of the nerf bars for optimal alignment. Once satisfied, securely tighten all bolts and nuts.
6. **Final Check:** Double-check all connections for tightness and ensure the nerf bars are stable and do not wobble.



2 Full-Size Doors
not for JK

Compact SUV



4 Full-Size Doors
not for JK

Mid-size SUV

Image: A black Jeep Wrangler JL 4-door with the APS iArmor Nerf Bars installed, showcasing the side profile.



Image: An example of the APS iArmor running boards installed on a vehicle, demonstrating the integrated design.

Construction Details:

The iArmor Nerf Bars feature a dual girder system for enhanced protection and a unique square tube design with slotted step pads. The manufacturing process utilizes automatic robot welding for high-quality fabrication and consistent quality control, ensuring durability and a precise fit.



Image: An industrial robotic arm performing welding, representing the automatic robot welding process used in manufacturing.

7. OPERATION

These nerf bars serve as both side bars and running boards, providing a stable and wide stepping surface for easier entry and exit from your vehicle. The slotted step pads offer improved grip.

Usage Guidelines:

- Step onto the designated step pads when entering or exiting the vehicle.
- Ensure your footwear has adequate grip, especially in wet or muddy conditions.
- Do not use the nerf bars as a jacking point for the vehicle.
- The maximum weight capacity is 500 lbs. Do not exceed this limit.



Image: A close-up of a foot stepping onto the running board, illustrating the practical use of the step.

A large advertisement graphic featuring a close-up of a foot stepping onto a running board. The graphic includes text highlighting the "COMFORTABLE STEP-ON FEELING" and "PRECISION ENGINEERED TO SUPPORT 500 LBS IN WEIGHT CAPACITY". The text is set against a red background. In the bottom left corner, there is a logo for "AFS AUTO PARTS SPECIALIST INC.".

**COMFORTABLE
STEP-ON
FEELING**

ULTRA COMFORTABLE
PLANE BOARDS WITH
A WIDTH OF 6.5"

PRECISION
ENGINEERED
TO SUPPORT

500 LBS

IN WEIGHT
CAPACITY.

AFS
AUTO PARTS SPECIALIST INC.

Image: A visual representation of the dual-tier step design, emphasizing the expanded stepping area for user convenience.

8. MAINTENANCE

Regular maintenance will help preserve the appearance and functionality of your APS iArmor Nerf Bars.

- **Cleaning:** Clean the nerf bars regularly with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the matte black powder-coated finish.
- **Inspection:** Periodically inspect the nerf bars and all mounting hardware for any signs of damage, corrosion, or looseness. Tighten any loose fasteners immediately.
- **Rust Resistance:** The 304 stainless steel construction and powder-coated finish provide rust resistance and UV protection. However, prolonged exposure to harsh elements or damage to the coating can lead to corrosion. Address any chips or scratches in the finish promptly.

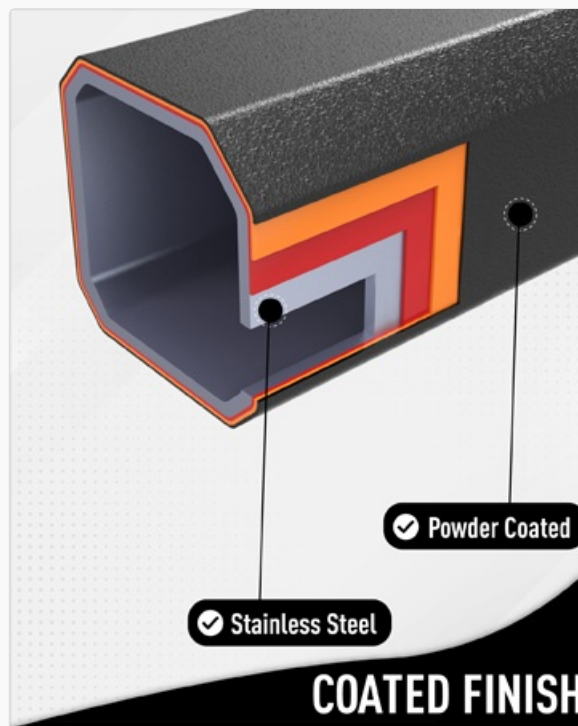


Image: A cutaway view of the nerf bar's construction, illustrating the stainless steel core protected by pre-treatment, anti-corrosion primer, and a powder-coated finish.

9. TROUBLESHOOTING

Common Issues and Solutions:

- **Issue:** Nerf bars appear to sit too low or expose pinch welds.
- **Solution:** Ensure all brackets are installed correctly and oriented as per the instructions. Some vehicle designs may inherently show more of the pinch weld than others. Verify that the correct model-specific product was purchased.
- **Issue:** Loose fit or rattling.
- **Solution:** Re-check all mounting hardware for proper tightness. Over time, vibrations can cause fasteners to loosen.
- **Issue:** Difficulty aligning the steps.
- **Solution:** Loosen the mounting bolts slightly to allow for minor adjustments. Once aligned, tighten all bolts securely.

10. WARRANTY AND SUPPORT

Warranty Information:

APS offers a **Limited 5-Year Warranty** against manufacturing defects for this product. This warranty covers defects in materials and workmanship under normal use and service. Please retain your proof of purchase for warranty claims.

Customer Support:

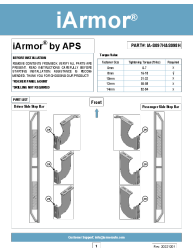
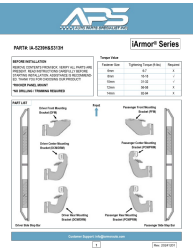
For technical assistance, warranty claims, or further inquiries, please contact APS customer support. You can find more information and contact details by visiting the official APS store:

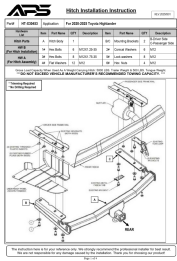
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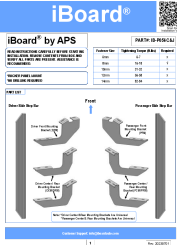
Related Documents - iArmor IA-77971112

	<p>iArmor by APS Running Boards Installation Guide</p> <p>Detailed installation instructions for iArmor by APS running boards (part numbers IA-S097H & IA-S098H), including torque values, parts list, and step-by-step assembly guidance.</p>
	<p>APS iArmor Series Step Bar Installation Guide</p> <p>Comprehensive installation instructions for APS iArmor Series Step Bars (Part # IA-S239H&S313H), featuring part lists, torque specifications, and detailed step-by-step guidance for vehicle fitment.</p>



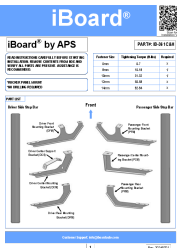
[APS HT-X30453 Hitch Installation Instructions for 2020-2025 Toyota Highlander](#)

Comprehensive installation guide for the APS HT-X30453 trailer hitch, designed for 2020-2025 Toyota Highlander models. Features a detailed hardware list, step-by-step instructions, diagrams, and safety recommendations for a successful installation.



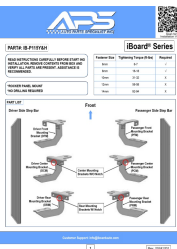
[iBoard Running Boards Installation Guide - APS](#)

Step-by-step instructions for installing iBoard running boards (Part # IB-P056C&J) by APS. Includes hardware lists, torque specifications, and detailed diagrams.



[iBoard® Installation Guide for APS Step Bars \(Model IB-361C&H\)](#)

Comprehensive installation guide for APS iBoard® step bars (Model IB-361C&H). Learn how to safely and correctly install your new iBoard® step bars with detailed instructions, part lists, and hardware specifications.



[APS iBoard® Series Step Bars Installation Guide - Model IB-P115Y&H](#)

Comprehensive installation guide for APS iBoard® Series Step Bars (Model IB-P115Y&H). This document provides detailed instructions, parts lists, hardware specifications, and tightening torque values for rocker panel mounting without drilling.