

APS IB-F5404N

APS Running Boards Installation and User Manual

Model: IB-F5404N

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your APS Running Boards. These running boards are designed to provide a safe and convenient step for accessing your vehicle, enhancing both functionality and appearance. Please read this manual thoroughly before beginning installation to ensure proper fitment and safe use.

2. SAFETY INFORMATION

Always ensure all fasteners are securely tightened before and after installation. Periodically check all mounting points for tightness and signs of wear. Do not exceed the maximum weight limit of **500 lbs** on the running boards. This product is intended for use with **Ford Econoline 1999-2014 Full Size Van 3-Door** models. Improper installation or use may result in injury or damage to the vehicle.

3. PACKAGE CONTENTS

Please verify that all components listed below are present before beginning installation:

- Left and Right Running Board Sections (5 Inches Stainless Steel Black Powder Coated)
- Mounting Brackets (Vehicle-specific)
- Hardware Kit (Includes various bolts, washers, and nuts for assembly and installation)
- Assembly Plate for joining running board sections
- Hex Keys (for tightening bolts)

4. INSTALLATION INSTRUCTIONS

Installation requires basic hand tools and may be easier with assistance. Refer to the diagrams and steps below for proper assembly and mounting.

4.1. Assembling Running Board Sections

The running boards are supplied in two sections per side (driver and passenger) and require assembly before vehicle installation. The design features a 37-inch section for the driver's side and a 96-inch section for the passenger's side, creating a wheel-to-wheel split design.



Figure 4.1: Running board lengths for driver (37") and passenger (96") sides.

This image illustrates the specific lengths of the running board sections for the driver and passenger sides, highlighting the wheel-to-wheel split design for the Ford Econoline van.

To join the sections, use the provided assembly plate and hardware. The video below demonstrates the assembly process.

Stainless Steel Build Wheel to Wheel

Butt Joint Style



Figure 4.2: Step-by-step assembly of running board sections.

This diagram shows the process of connecting the two running board sections using the provided hardware and assembly plate. It details inserting nuts, placing the plate, and securing the connection from the underside.

1. **Step 1: Prepare Sections.** Align the two running board sections end-to-end. Ensure the channels on the underside are clear.
2. **Step 2: Insert Hardware.** Insert the square nuts into the channels on the underside of the running board sections where they meet.
3. **Step 3: Attach Assembly Plate.** Place the metal assembly plate over the aligned sections, ensuring the holes on the plate match the positions of the inserted nuts.
4. **Step 4: Secure Bolts.** Use the provided bolts and washers to secure the assembly plate to the running board sections. Tighten all bolts evenly using the hex key until the sections are firmly joined. Ensure the lock washers are used for added security.

4.2. Mounting to Vehicle

Once the running board sections are assembled, they are ready to be mounted to your Ford Econoline van using the vehicle-specific mounting brackets. Refer to your vehicle's frame for pre-drilled mounting points.

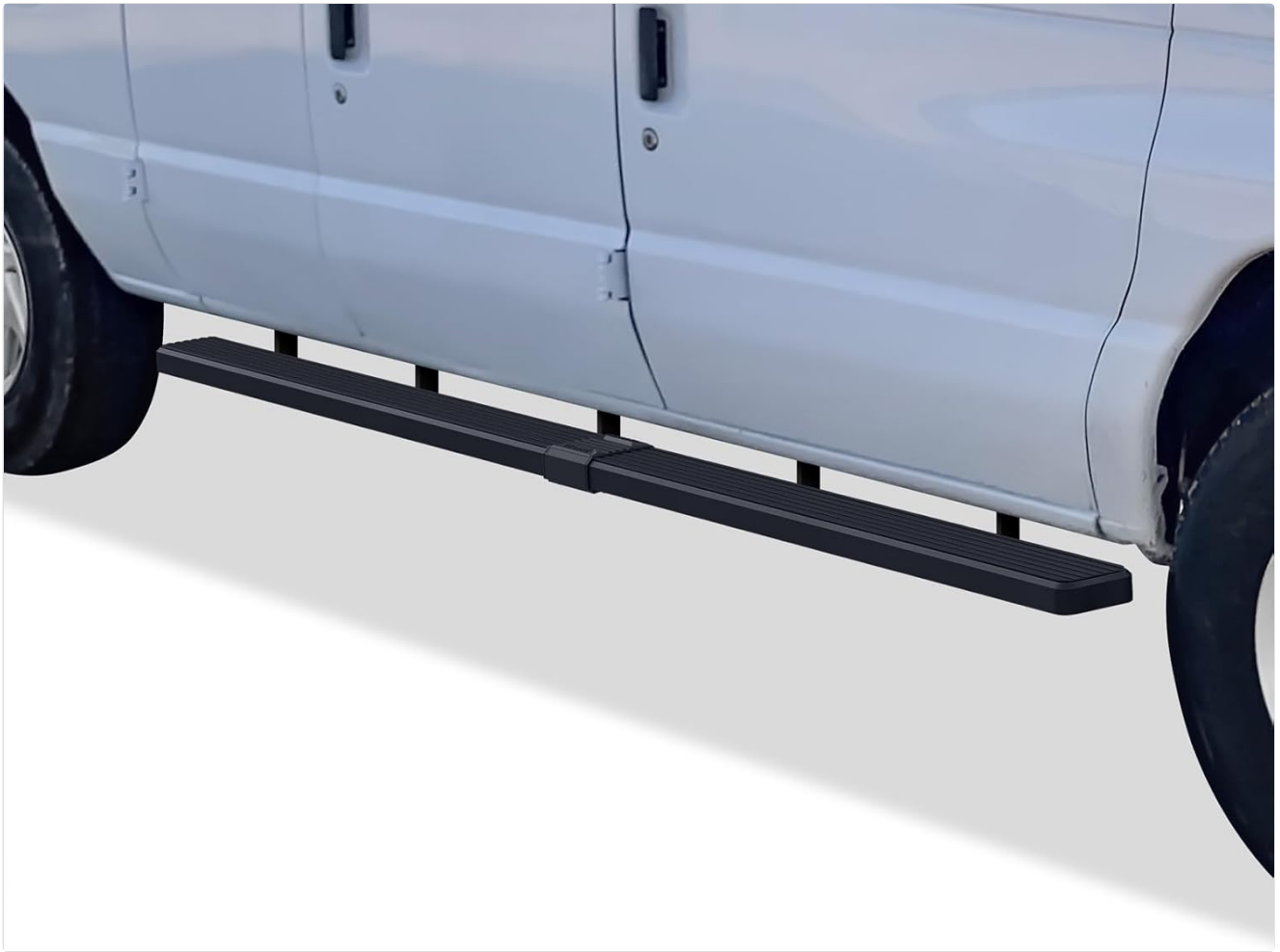


Figure 4.3: Installed APS Running Board on a Ford Econoline Van.

This image displays the APS Running Board fully installed on the side of a Ford Econoline van, providing a visual reference for the final appearance.

1. **Step 1: Identify Mounting Points.** Locate the factory mounting points on the underside of your vehicle's frame. These are typically pre-drilled holes.
2. **Step 2: Attach Brackets.** Secure the vehicle-specific mounting brackets to the identified frame points using the appropriate hardware from the kit. Do not fully tighten at this stage.
3. **Step 3: Position Running Board.** Carefully lift the assembled running board onto the attached brackets. Align the slots on the running board with the holes on the brackets.
4. **Step 4: Secure Running Board.** Use the remaining hardware to attach the running board to the brackets. Ensure all bolts are inserted and hand-tightened.
5. **Step 5: Final Tightening.** Once the running board is properly aligned and positioned, fully tighten all bolts on the brackets and the running board connections. Ensure a secure fit to prevent movement.

5. OPERATING INSTRUCTIONS

Your APS Running Boards are designed for simple and effective use:

- **Stepping On/Off:** Use the full-length, 5-inch wide anti-slip step pad to safely step into or out of your vehicle. Ensure your footing is firm before applying full weight.
- **Weight Capacity:** The running boards are engineered to support up to **500 lbs**. Do not exceed this weight limit.

6. MAINTENANCE

To ensure the longevity and appearance of your APS Running Boards, follow these maintenance guidelines:

- **Cleaning:** Clean the running boards regularly with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the black powder-coated finish. Rinse thoroughly and dry to prevent water spots.
- **Inspection:** Periodically inspect all mounting hardware (bolts, nuts, washers) for tightness. Re-tighten any loose fasteners to prevent rattling or instability. Check for any signs of corrosion or damage, especially after exposure to harsh weather conditions or road salt.
- **Material Care:** The running boards are made from 304 stainless steel with a black powder-coated finish, offering superior corrosion resistance. Maintaining the finish will help preserve this protection.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Running board feels loose or rattles.	Loose mounting hardware.	Inspect and re-tighten all bolts and nuts on the mounting brackets and board assembly points.
Difficulty aligning sections during assembly.	Nuts not properly seated in channels or sections misaligned.	Ensure nuts are fully inserted into the channels. Adjust the alignment of the two board sections carefully before tightening.
Corrosion or rust spots appearing.	Exposure to harsh elements or lack of regular cleaning.	Clean regularly with mild soap and water. For minor spots, use a non-abrasive stainless steel cleaner. Ensure the powder coat is not compromised.

8. SPECIFICATIONS

- Brand:** APS
- Model:** IB-F5404N
- Material:** 304 Stainless Steel
- Exterior Finish:** Matte Black Powder Coated Finish
- Item Dimensions (L x W x H):** 96 x 5 x 1.5 inches (overall assembled length)
- Step Pad Width:** 5 inches (full-length anti-slip)
- Vehicle Service Type:** Ford Econoline 1999-2014 Full Size Van 3-Door
- Weight Limit:** 500 Pounds
- Design:** 37"/96" Wheel-to-Wheel Split Design (assembly required)

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your APS Running Boards, please contact the manufacturer directly. Refer to the product packaging or the official APS website for the most current contact details.

Manufacturer: iBoard By APS

EU Spare Part Availability Duration: 5 Years