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Power Stop B886

Power Stop Autospecialty Parking Brake Shoe User Manual

Model: B886

Product Overview

The Power Stop Autospecialty Parking Brake Shoes, model B886, are engineered for reliable performance in various vehicle applications. These semi-metallic brake shoes are designed to provide effective braking and a shorter break-in period, making them suitable for professional installation.
Key features include:

- 100% copper free composition.
- Precision cam ground for exact fitment within the brake drum.
- Secondary post-cure process for rapid break-in.
- Completely asbestos-free construction.
- Integrated chamfers to ensure quiet, chatter-free braking.
- Constructed from 100% new steel with a black coating for rust resistance.



Image: Power Stop Autospecialty Parking Brake Shoes, model B886, shown with their product packaging. The image highlights the four brake shoes and the box, which features product benefits like "Copper Free" and "Asbestos Free."

What's Included

Each package of Power Stop Autospecialty Parking Brake Shoes (Model B886) contains the following components:

- Parking Brake Shoes (set of 4 for one axle)



Image: A close-up view of two pairs of Power Stop Autospecialty Parking Brake Shoes. This image clearly shows the friction material and the steel backing plates of the shoes, emphasizing their design and construction.

Setup and Installation

Installation of parking brake shoes requires mechanical knowledge and specialized tools. It is highly recommended that installation be performed by a qualified automotive technician to ensure proper function and safety.

General Installation Guidelines (Professional Installation Recommended):

1. **Vehicle Preparation:** Safely lift and support the vehicle on jack stands. Remove the wheel and brake drum from the axle where the parking brake shoes are to be replaced.
2. **Old Shoe Removal:** Carefully disconnect and remove the old parking brake shoes, springs, and hardware. Note the orientation and placement of all components for reassembly.
3. **Inspection:** Inspect the brake drum for wear, scoring, or damage. Replace the drum if necessary. Clean the backing plate and all associated components.
4. **New Shoe Installation:** Install the new Power Stop Autospecialty Parking Brake Shoes along with new or thoroughly inspected hardware (springs, clips, adjusters). Ensure all components are correctly seated and aligned.
5. **Adjustment:** Adjust the parking brake shoes according to the vehicle manufacturer's specifications to ensure proper clearance and engagement.
6. **Reassembly:** Reinstall the brake drum and wheel. Lower the vehicle safely.
7. **Testing:** Test the parking brake function thoroughly in a safe environment before driving the vehicle.



Image: A mechanic's hands are shown working on a vehicle's disc brake system, illustrating the general process of brake component installation. While this image shows disc brakes, it represents the professional care required for brake system work.

For vehicle-specific fitment, please refer to your vehicle's service manual or consult with a certified mechanic. An example of a vehicle fitment tool is shown below, which can help identify compatible parts.

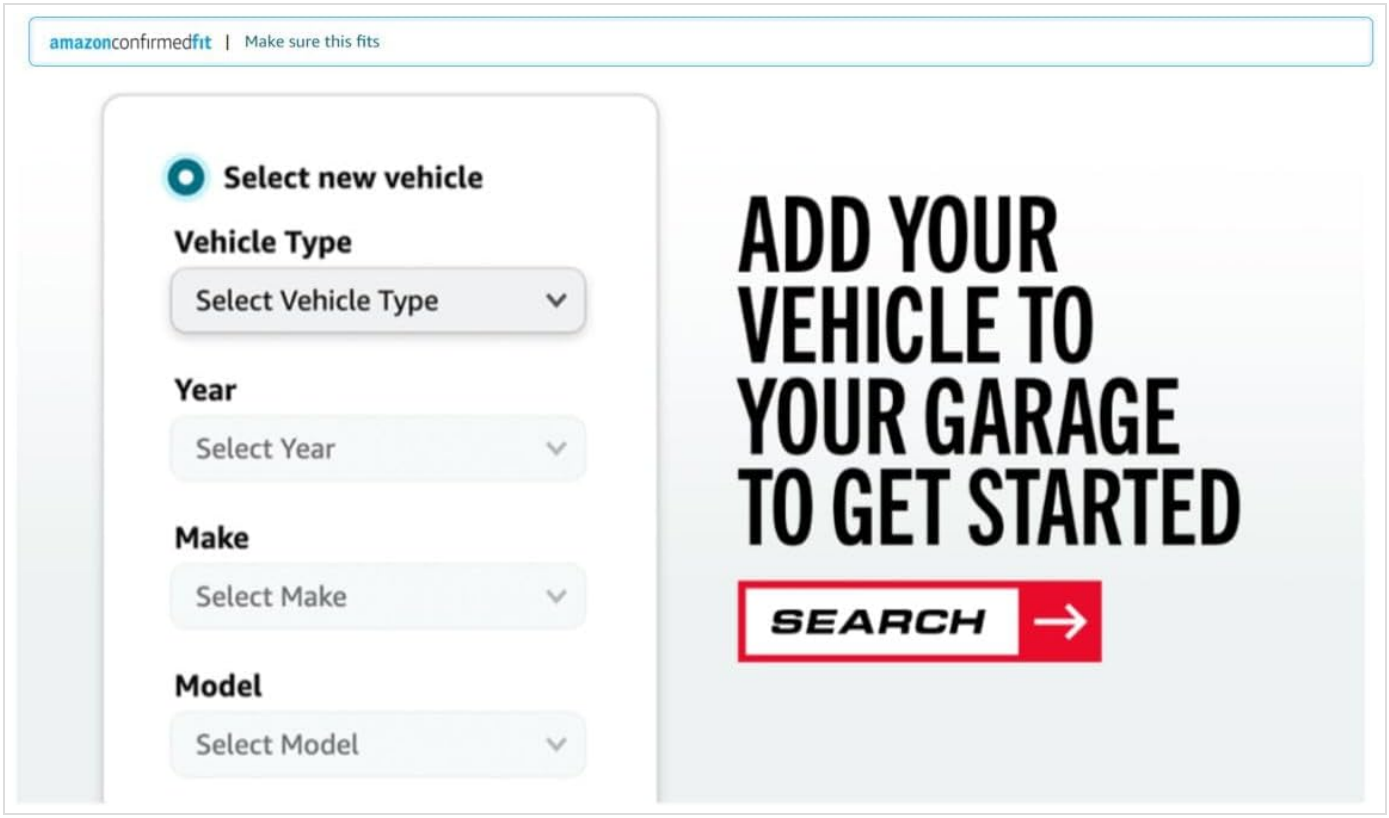


Image: A graphical user interface for selecting vehicle type, year, make, and model to determine part compatibility. This tool helps ensure the correct brake shoes are selected for a specific vehicle.

Operating Instructions

Once installed, the Power Stop Autospecialty Parking Brake Shoes function as part of your vehicle's parking brake system. The parking brake is typically engaged via a hand lever or foot pedal inside the vehicle cabin.

Engaging the Parking Brake:

- Ensure the vehicle is stationary and in neutral (manual transmission) or park (automatic transmission).

- Apply the parking brake lever or pedal firmly until it is fully engaged. You should feel resistance and hear a clicking sound if it's a lever type.
- The parking brake indicator light on your dashboard should illuminate.

Disengaging the Parking Brake:

- For lever-type parking brakes, press the release button (if present) and lower the lever completely.
- For foot pedal-type parking brakes, press the pedal again or pull the release handle (depending on vehicle design).
- Ensure the parking brake indicator light on your dashboard is off before driving. Driving with the parking brake engaged can cause premature wear and damage to the brake shoes and system.

Maintenance

Proper maintenance of your parking brake system, including the brake shoes, is crucial for safety and longevity. While the Power Stop Autospecialty Parking Brake Shoes are designed for durability, regular inspection is recommended.

- **Regular Inspection:** Have your parking brake system inspected by a qualified technician during routine vehicle maintenance, typically every 12,000 to 15,000 miles or annually.
- **Check for Wear:** Technicians will check the thickness of the brake shoe lining and inspect for any signs of uneven wear, cracking, or damage.
- **Hardware Inspection:** Ensure all springs, adjusters, and other hardware components are clean, free of corrosion, and functioning correctly. Replace any worn or damaged hardware.
- **Cable Adjustment:** The parking brake cable tension may need periodic adjustment to ensure proper engagement and release.
- **Keep Clean:** Keep the brake drum area free from excessive dirt, dust, and debris, which can affect brake performance.

Troubleshooting

If you experience issues with your parking brake system after installing Power Stop Autospecialty Parking Brake Shoes, consider the following common troubleshooting points. For complex issues, consult a professional mechanic.

Common Issues and Solutions:

- **Parking Brake Not Holding:**
  - **Possible Cause:** Incorrect adjustment of brake shoes or cable.
  - **Solution:** Have the parking brake system inspected and adjusted by a professional.
  - **Possible Cause:** Worn or contaminated brake shoes.
  - **Solution:** Inspect brake shoes for wear or contamination (e.g., oil, grease). Replace if necessary.
- **Squealing or Grinding Noise:**
  - **Possible Cause:** Improper installation, missing chamfers (though Power Stop shoes have them), or foreign debris.
  - **Solution:** Re-inspect installation. Ensure all components are clean and properly seated.
  - **Possible Cause:** Brake drum issues (e.g., out of round, scored).
  - **Solution:** Inspect and machine or replace brake drums.
- **Parking Brake Light Stays On:**

- **Possible Cause:** Parking brake not fully disengaged.
- **Solution:** Ensure the lever or pedal is fully released. Check for obstructions.
- **Possible Cause:** Faulty parking brake switch or low brake fluid level.
- **Solution:** Check brake fluid level. If fluid is adequate, consult a technician for switch diagnosis.

- **Difficulty Engaging/Disengaging Parking Brake:**
  - **Possible Cause:** Sticking or corroded parking brake cable.
  - **Solution:** Inspect the parking brake cable for damage or corrosion. Lubricate or replace as needed.
  - **Possible Cause:** Improperly adjusted brake shoes.
  - **Solution:** Have the brake shoes adjusted by a professional.

Specifications

Attribute	Detail
Brand	Power Stop
Model	Autospecialty B886 Parking Brake Shoe
Item Model Number	B886
Item Weight	2.7 pounds
Product Dimensions	8.1 x 7 x 2.5 inches
Country of Origin	China
Position	Rear
Material	Semi-metallic friction material, new steel backing plate
Special Features	100% Copper Free, Asbestos Free, Chamfered, Precision Cam Ground, Secondary Post Cure

Warranty and Support

For specific warranty information regarding the Power Stop Autospecialty Parking Brake Shoes (Model B886), please refer to the official Power Stop website or contact their customer service directly. Warranty terms and conditions may vary. If you require technical assistance, have questions about installation, or need to report a product issue, please contact Power Stop customer support. Contact details can typically be found on the manufacturer's official website or product packaging.
Note: Always ensure you are purchasing genuine Power Stop products from authorized retailers to ensure warranty eligibility and product authenticity.

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