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Delphi LP885

Delphi Technologies LP885 Brake Pads User Manual

Model: LP885 | Brand: Delphi Technologies

1. PRODUCT OVERVIEW

The Delphi Technologies LP885 Brake Pads are engineered for superior braking performance, offering faster stopping, quieter operation, and extended durability. These high-quality brake pads are designed with five layers to ensure optimal friction and heat dissipation, contributing to a safer and more comfortable driving experience. They are a direct replacement part, manufactured to meet or exceed original equipment specifications, ensuring a precise fit and reliable performance for compatible vehicles.

2. SAFETY INFORMATION

Warning: Brake system work should only be performed by qualified personnel. Improper installation or maintenance can lead to brake failure, resulting in serious injury or death.

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when working on vehicle brake systems.
- Ensure the vehicle is securely supported on jack stands before beginning any work. Never rely solely on a jack.
- Refer to your vehicle's service manual for specific torque specifications and procedures.
- Brake dust may contain asbestos or other hazardous materials. Do not use compressed air to clean brake components. Use an approved brake cleaner.
- Dispose of old brake pads and fluids according to local environmental regulations.

3. PACKAGE CONTENTS

Your Delphi Technologies LP885 Brake Pads package typically includes:

- 4 x Delphi Technologies LP885 Brake Pads (for one axle)
- Mounting hardware (e.g., bolts, clips, shims) as required for specific applications.
- Wear sensors (if applicable for the vehicle model).



Image: Contents of the Delphi Technologies LP885 Brake Pads package, showing the brake pads, mounting bolts, and the product box.

4. COMPATIBILITY

The Delphi Technologies LP885 Brake Pads are compatible with various vehicle models from Dacia, Peugeot, and Renault. Please verify fitment with your vehicle's specific make, model, and year before installation.

Known Compatible Models:

- **Dacia:** Logan, Logan MCV, Sandero, Solenza
- **Peugeot:** 205, 305, 309
- **Renault:** 11, 18, 19, 20, 21, 25, 30, 5, 9, Alpine, Clio, Clio Campus, Clio Van, Espace, Express, Extra, Fuego, Logan, Megane, Megane Scenic, Rapid, Sandero, Thalia, Twingo

Note: This list is not exhaustive. Always cross-reference with your vehicle's OEM part number or consult a professional for accurate compatibility.

5. SETUP (INSTALLATION)

Installation of brake pads requires mechanical knowledge and specialized tools. It is highly recommended that installation be performed by a certified automotive technician.

General Installation Steps (Consult Service Manual for Details):

1. **Prepare the Vehicle:** Park on a level surface, engage parking brake, and block wheels. Loosen lug nuts, then raise the vehicle and secure it with jack stands. Remove the wheel.

2. **Remove Old Pads:** Remove the caliper mounting bolts and carefully slide the caliper off the rotor. Do not let the caliper hang by the brake hose. Remove the old brake pads.
3. **Inspect Components:** Inspect the brake rotor for wear, cracks, or scoring. Check caliper slides and boots for damage. Clean the caliper bracket and apply appropriate lubricant to sliding surfaces.
4. **Compress Caliper Piston:** Use a brake caliper piston tool to slowly compress the piston back into the caliper bore.
5. **Install New Pads:** Install the new Delphi Technologies LP885 brake pads into the caliper bracket, ensuring they fit correctly and the wear sensors (if present) are properly positioned.
6. **Reassemble:** Reinstall the caliper onto the rotor and tighten mounting bolts to manufacturer's specifications. Reinstall the wheel and lower the vehicle.
7. **Bleed Brakes (if necessary):** If the brake system was opened, or if the pedal feels spongy, bleed the brake system according to your vehicle's manual.
8. **Test Brakes:** Before driving, pump the brake pedal several times until it feels firm. Drive slowly in a safe area to test brake function.



Image: A set of four Delphi Technologies LP885 brake pads, showing their design and accompanying mounting bolts.

6. OPERATING (USAGE)

Once installed, new brake pads require a "bedding-in" process to achieve optimal performance and longevity. This process helps transfer a thin, even layer of friction material from the pads to the rotor surface.

Bedding-In Procedure:

1. Find a safe, open area with minimal traffic.
2. Accelerate to approximately 35 mph (55 km/h) and apply moderate braking pressure to slow down to about 5 mph (8 km/h). Do not come to a complete stop.
3. Repeat this process 8-10 times, allowing a short cool-down period between each stop. Avoid heavy braking during this period.
4. After the initial series, drive for several minutes without braking to allow the pads and rotors to cool down completely.
5. Avoid hard braking or prolonged heavy use for the first 200-300 miles (320-480 km) after installation.

During normal operation, the Delphi Technologies LP885 brake pads are designed to provide consistent, quiet, and effective braking. You may notice a slight change in pedal feel or initial noise during the bedding-in period, which is normal.

7. MAINTENANCE

Regular inspection and maintenance of your brake system are crucial for safety and performance.

- **Routine Inspection:** Have your brake pads, rotors, and fluid inspected by a qualified technician at least once a year or every 12,000 miles (20,000 km), or as recommended by your vehicle manufacturer.
- **Pad Wear:** Monitor the thickness of your brake pads. Most pads have wear indicators that will produce a squealing sound when they need replacement. Replace pads when they reach their minimum thickness specification.
- **Brake Fluid:** Check brake fluid level regularly. A low fluid level can indicate worn pads or a leak in the system. Brake fluid should be flushed and replaced according to your vehicle's maintenance schedule.
- **Rotor Condition:** Inspect rotors for deep grooves, cracks, or excessive rust. Rotors may need to be resurfaced or replaced when installing new pads if they are worn beyond specifications.



Image: A close-up view of the friction material on a Delphi Technologies LP885 brake pad, highlighting its composition.

8. TROUBLESHOOTING

If you experience any issues with your brake system after installing Delphi Technologies LP885 brake pads, consider the following common problems and potential solutions:

Problem	Possible Cause	Solution
Squealing/Grinding Noise	New pads bedding-in, worn pads (wear indicator), improper installation, contaminated pads/rotors.	Complete bedding-in procedure. Inspect pads for wear. Re-check installation for proper lubrication and fitment. Clean rotors/pads if contaminated.
Reduced Braking Performance	Improper bedding-in, air in brake lines, worn rotors, brake fluid leak, faulty caliper.	Repeat bedding-in. Bleed brake system. Inspect rotors and brake lines. Consult a technician.
Vibration/Pulsation during Braking	Warped rotors, uneven pad wear, loose wheel bearings.	Inspect and resurface/replace rotors. Check pad wear. Have wheel bearings inspected.
Brake Pedal Feels Spongy	Air in brake lines, low brake fluid, faulty master cylinder.	Bleed brake system. Check brake fluid level and for leaks. Consult a technician.

If troubleshooting steps do not resolve the issue, or if you are unsure about any aspect of brake system diagnosis, seek immediate assistance from a certified automotive professional.

9. SPECIFICATIONS

Key specifications for the Delphi Technologies LP885 Brake Pads:

- **Manufacturer:** Delphi Technologies
- **Brand:** Delphi
- **Model Number:** LP885
- **Item Weight:** Approximately 100 g (per pad, total weight for set may vary)
- **Product Dimensions:** 9.1 x 12.2 x 9.1 cm (approximate, for packaging)
- **Material:** Alloy Steel (friction material composition may vary)
- **Position:** Frontal (as per product specifications, verify for your vehicle)
- **OEM Part Numbers (Cross-reference):** 1611460280, 1617250880, 410602192R, 425070, 425310



Image: A side view of four Delphi Technologies LP885 brake pads, showing their profile and backing plate.

10. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the official Delphi Technologies website or contact their customer support directly. Warranty terms and conditions may vary based on region and retailer.

For technical assistance, installation queries, or any other support needs, please contact Delphi Technologies customer service through their official channels. Always provide your product model number (LP885) and any relevant vehicle information when seeking support.

Delphi Technologies Official Website: www.delphiautoparts.com

