



Manuals.plus /

› Textar /

› Textar Front Brake Pad Set (Model 2431001) Instruction Manual for Mercedes-Benz C350, E350, E550 (2008-2012)

Textar 2431001

Textar Front Brake Pad Set (Model 2431001) Instruction Manual

For Mercedes-Benz C350, E350, E550 (2008-2012)

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, break-in, and maintenance of your Textar Front Brake Pad Set (Model 2431001). Adhering to these guidelines will ensure optimal performance, safety, and longevity of your braking system. Please read this manual thoroughly before beginning any work on your vehicle's brakes.

2. PRODUCT OVERVIEW

The Textar Front Brake Pad Set (Model 2431001) is an OEM-quality replacement part designed to meet the stringent standards of Mercedes-Benz vehicles. These ceramic brake pads provide reliable and consistent stopping power.

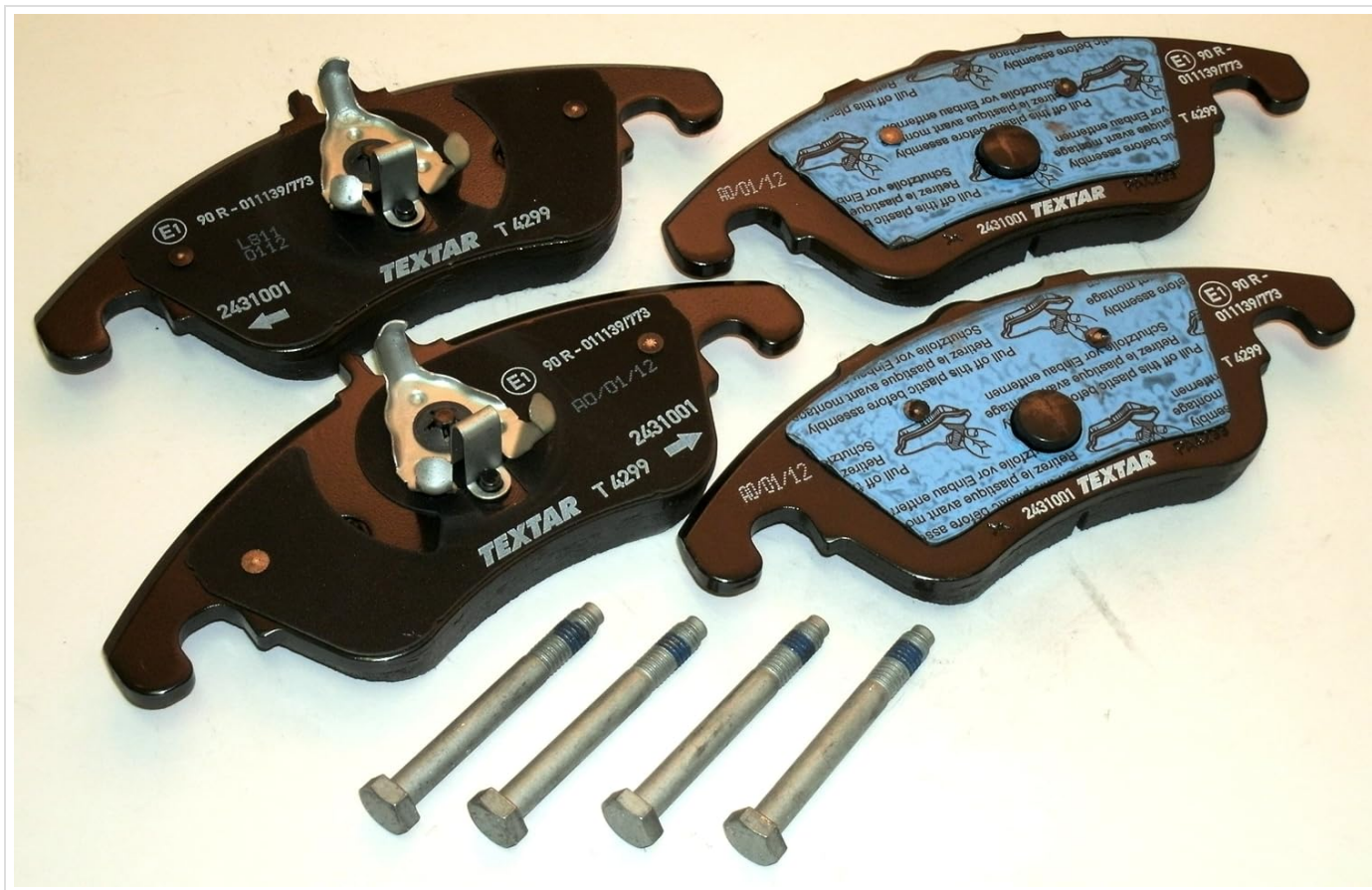


Figure 1: Textar Front Brake Pad Set (Model 2431001) including four brake pads and four mounting bolts.

This image displays the complete Textar Front Brake Pad Set. It includes four individual brake pads, each featuring a metal backplate and friction material. Four new mounting bolts are also visible, intended for securing the brake caliper during installation. The pads are marked with "TEXTAR T 4299" and "2431001", indicating the brand, friction material code, and part number. Some pads also show "90 R-011139/773", which is an ECE R90 homologation number, confirming compliance with European safety standards. Blue protective film is present on some pads, which should be removed before assembly.

2.1. Components Included

- Four (4) Textar Front Brake Pads (Model 2431001)
- Four (4) Mounting Bolts

2.2. Key Features

- **OEM Quality:** Manufactured by Textar, an original equipment supplier.
- **Vehicle Specific:** Designed for Mercedes-Benz C350, E350, and E550 models (2008-2012).
- **ECE R90 Certified:** Complies with European safety and performance standards.
- **Ceramic Material:** Provides consistent braking performance.

3. VEHICLE COMPATIBILITY

This Textar Front Brake Pad Set (Model 2431001, OE Part # 0074205820) is compatible with the following Mercedes-Benz models and years:

Model	Years
Mercedes-Benz C350	2008, 2009, 2010, 2011, 2012
Mercedes-Benz E350	2010, 2011, 2012
Mercedes-Benz E550	2010, 2011

Important: Always verify part number and compatibility with your vehicle's VIN before installation. Consult a professional if unsure.

4. SAFETY PRECAUTIONS

Brake system maintenance requires specialized knowledge and tools. Improper installation can lead to brake failure and serious injury. It is highly recommended that installation be performed by a qualified mechanic.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands on a level surface.
- Never work under a vehicle supported only by a jack.
- Refer to your vehicle's specific service manual for detailed instructions and torque specifications.
- Do not reuse old hardware unless explicitly stated in the vehicle service manual.
- Keep brake fluid away from painted surfaces as it can damage paint.

5. INSTALLATION GUIDELINES

These guidelines provide a general overview. Always follow your vehicle's specific service manual.

1. Prepare the Vehicle:

- Park the vehicle on a level surface, engage the parking brake, and block the rear wheels.
- Loosen the lug nuts on the front wheels.
- Raise the front of the vehicle and secure it with jack stands.
- Remove the front wheels.

2. Remove Old Brake Pads:

- Locate the brake caliper and remove the caliper guide pins or bolts.
- Carefully remove the caliper from the rotor and support it to avoid stressing the brake hose. Do not let it hang by the hose.
- Remove the old brake pads from the caliper bracket.
- Inspect the brake rotor for wear, cracks, or scoring. Replace if necessary.

3. Install New Brake Pads:

- Clean the caliper and caliper bracket thoroughly.
- Apply a thin layer of brake lubricant (high-temperature grease) to the caliper slide pins and any metal-to-metal contact points on the brake pads and caliper bracket, avoiding friction material.
- Install the new brake pads into the caliper bracket. Ensure the protective blue film is removed from the pads before assembly.
- Carefully compress the caliper piston(s) using a suitable tool to make space for the new, thicker pads.
- Reinstall the brake caliper over the new pads and rotor.
- Insert and tighten the caliper guide pins or bolts to the manufacturer's specified torque.

- Reinstall any anti-rattle clips or springs.

4. Final Steps:

- Reinstall the wheels and tighten lug nuts hand-tight.
- Lower the vehicle and torque the lug nuts to the manufacturer's specifications.
- Pump the brake pedal several times until firm pressure is restored. This will seat the caliper pistons against the new pads.
- Check the brake fluid level and top off if necessary.

Attention: Please use the appropriate shop manual for your vehicle to obtain specific instructions. If you do not have an installation manual or enough skills to install this part, it is recommended that you seek help from a qualified mechanic.

Video 1: Quick, Clean and Quiet - Detroit Axle Brakes.

This video from Detroit Axle demonstrates the benefits of premium ceramic brake pads, highlighting quiet performance, superior braking, and high durability. It shows the components of a brake pad kit, including pads and clips, and emphasizes the quality of the friction material.

While not specific to Textar, it provides a general overview of high-quality brake pad features and benefits relevant to the product.

Video 2: Unboxing - A-Premium Low-dust Ceramic Brake Pads.

This video from A-Premium showcases the unboxing of low-dust ceramic brake pads. It highlights the reinforced packaging for protection and details the included installation hardware and brake lubricant. The video also emphasizes key features such as carbon-fiber ceramic compound for low dust and high heat resistance, chamfered edges to reduce noise and wear, and a vibration-absorbing insert for a quieter ride. It also points out the pad wear indicator and the precision-made design for a perfect fit. This video is useful for understanding the components and features typically found in a quality brake pad set.

6. BRAKE PAD BREAK-IN PROCEDURE

Proper break-in (also known as bedding-in) is crucial for optimal brake performance and longevity. This process ensures an even transfer layer of friction material from the pads to the rotors.

1. Find a safe, open area with minimal traffic.
2. Accelerate to approximately 40 mph (65 km/h).
3. Apply moderate to firm brake pressure to slow down to about 10 mph (15 km/h). Do not come to a complete stop.
4. Repeat this process 5 times in rapid succession without allowing the brakes to cool significantly between stops. You may notice a slight odor or smoke, which is normal.
5. After the 5 stops, drive for approximately 5 minutes at a moderate speed without heavy braking to allow the brakes to cool down. Avoid coming to a complete stop with the brake pedal depressed during this cooling phase. If you must stop, shift to neutral and release the brake pedal, or allow the vehicle to roll slightly.
6. Next, accelerate to approximately 35 mph (55 km/h).
7. Apply moderate brake pressure to slow down to about 5 mph (8 km/h). Do not come to a complete stop.
8. Repeat this process 5 times in rapid succession without allowing the brakes to cool significantly.
9. After the 5 stops, drive for approximately 5-10 minutes at a moderate speed without heavy braking to allow the brakes to cool completely.

Once the brakes have cooled to standard operating temperature, they are properly bedded-in and ready for normal use.

Caution: Never cool your brakes with water immediately after the break-in procedure, as this can cause rotor warping.

7. MAINTENANCE

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

- **Routine Inspection:** Inspect brake pads, rotors, calipers, and brake fluid level at every oil change or at least every 10,000 miles (16,000 km).
- **Pad Wear:** Replace brake pads when the friction material thickness reaches the manufacturer's minimum specification, typically around 3-4mm. The integrated wear indicators will produce a squealing sound when replacement is due.
- **Rotor Condition:** Check rotors for excessive wear, deep grooves, cracks, or scoring. Replace rotors if they are below minimum thickness or show significant damage.
- **Brake Fluid:** Ensure brake fluid is at the correct level and is clean. Brake fluid should be flushed and replaced according to your vehicle manufacturer's recommendations, typically every 2-3 years.
- **Caliper Function:** Check calipers for leaks, seized pistons, or sticky guide pins. Lubricate guide pins as needed.

8. TROUBLESHOOTING COMMON ISSUES

Symptom	Possible Cause	Solution
Squealing/Grinding Noise	Worn brake pads (wear indicator), improper lubrication, glazed pads/rotors.	Inspect pads for wear and replace if necessary. Re-lubricate contact points. Perform proper break-in procedure.
Vibration/Pulsation	Warped rotors, uneven pad transfer layer, loose caliper.	Inspect rotors for runout and replace if warped. Re-perform break-in procedure. Check caliper mounting bolts.
Reduced Braking Performance (Fading)	Overheated brakes, contaminated friction material, worn pads.	Allow brakes to cool. Inspect for fluid leaks or contamination. Replace worn pads.
Brake Pedal Soft/Spongy	Air in brake lines, low brake fluid, faulty master cylinder.	Bleed brake system. Check fluid level and for leaks. Inspect master cylinder.

If troubleshooting steps do not resolve the issue, consult a qualified mechanic.

9. PRODUCT SPECIFICATIONS

- **Brand:** Textar
- **Part Number:** 2431001
- **OE Part Number:** 0074205820 (Supersedes 0054201320)
- **Material:** Ceramic
- **Auto Part Position:** Front
- **Vehicle Service Type:** Car
- **Specification Met:** OEM
- **Homologation:** ECE R90 (90 R-011139/773)
- **Manufacturer:** MERCEDES-BENZ (as per Amazon listing, likely referring to OEM fitment)

10. WARRANTY AND SUPPORT

This product typically comes with a manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the documentation included with your purchase or contact Textar customer service.

Legal Disclaimer: 12 Month Warranty on all new items (with submission of VIN) unless otherwise noted. Returns accepted within 14 days of receipt, refunded in

full if item is not as described (with submission of VIN), or for any other reason less 15% restock charge, as long as item is unused, and not installed. Usually we will waive the restock charge if another comparable item is purchased in place of the returned item. Returns MUST include original manufacturer box/packaging, if supplied with sale, or they will be refused. It is the Buyer's responsibility to properly protect & insure ALL returns. Broken or damaged items will not be accepted, and will be returned to the Buyer AT BUYER'S EXPENSE (or discarded, at Buyer's request).