

Bosch BP1529

BOSCH BP1529 QuietCast Premium Semi-Metallic Disc Brake Pad Set

Instruction Manual

1. INTRODUCTION

This manual provides essential information regarding the BOSCH BP1529 QuietCast Premium Semi-Metallic Disc Brake Pad Set. It covers product features, compatibility, installation considerations, maintenance, and technical specifications. Please read this manual thoroughly before installation or use to ensure proper function and safety.



Image 1.1: The official Bosch logo.

2. PRODUCT OVERVIEW AND FEATURES

The Bosch QuietCast line of brake pads is engineered to deliver original equipment (OE) quality performance, durability, and innovative features. These semi-metallic disc brake pads are designed for robust performance, exceptional stopping power, and quiet operation with low dust.



Image 2.1: Bosch QuietCast Premium Semi-Metallic Disc Brake Pads.

Key Features:

- **Molded Shim Technology (MST):** Features pre-attached OE style multilayer rubber core shims for a high-quality bond between rubber and steel. This design reduces noise, increases strength, and provides corrosion resistance.
- **Semi-Metallic Friction Material:** Meticulously engineered for robust performance, exceptional stopping

power, and quiet, low-dust operation.

- **Powder-Coated Backing Plates:** Prevents rust and corrosion, contributing to an increased product life.
- **OE Style Slots and Chamfers:** Ensures premium quality, fit, and function, matching original equipment specifications.

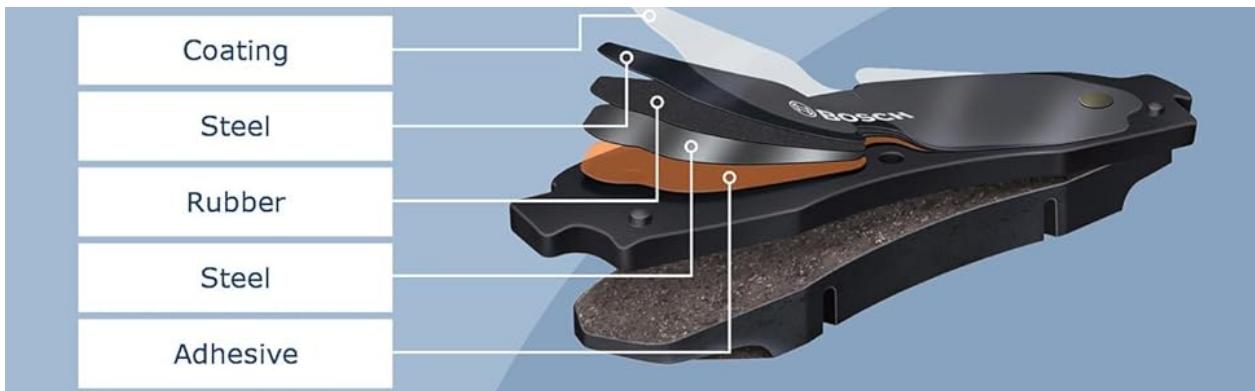


Image 2.2: Cross-section diagram illustrating the layers of a Bosch brake pad, including coating, steel, rubber, steel, and adhesive.

3. COMPATIBILITY

The BOSCH BP1529 QuietCast Premium Semi-Metallic Disc Brake Pad Set is designed for the FRONT axle of select BMW vehicles. Please verify specific vehicle fitment details using a fit checker or by consulting a professional, as vehicle trim level and engine type may affect compatibility.

Compatible Vehicles (Front Axle):

- BMW 760Li: 2010-2015
- Alpina B6 Gran Coupe: 2016
- Alpina B6 xDrive Gran Coupe: 2015-2019
- Alpina B7: 2015
- Alpina B7 xDrive: 2013-2015
- Alpina B7L: 2013-2015
- Alpina B7L xDrive: 2015

4. WHAT'S IN THE Box

Each set includes components for one axle (two wheels).

- Brake Pads (for one axle)
- Hardware Kit (where available)
- Synthetic Lubricant (for reduced resistance on sliding contact points)

5. INSTALLATION GUIDELINES

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

General Steps (for professional reference):

1. Safely lift and support the vehicle.
2. Remove the wheel and caliper assembly.
3. Remove old brake pads and hardware.
4. Clean and inspect caliper, rotor, and other brake components for wear or damage.
5. Apply synthetic lubricant to sliding contact points as specified.
6. Install new brake pads and hardware kit.
7. Reassemble caliper and wheel.
8. Bleed the brake system if necessary and test brake pedal feel.
9. Perform a proper brake pad break-in procedure according to manufacturer recommendations.

Warning: Improper installation can lead to brake failure, serious injury, or death. Always consult a professional.

6. OPERATING PRINCIPLES

Disc brake pads function by creating friction against the brake rotor when the brake pedal is pressed. This friction converts kinetic energy into thermal energy, slowing and stopping the vehicle. The Bosch QuietCast pads are designed to optimize this process, providing consistent stopping power while minimizing noise and dust output through their advanced semi-metallic friction material and multi-layer shims.

7. MAINTENANCE

Regular inspection and maintenance of your vehicle's braking system are crucial for safety and performance. It is recommended to have your brake pads and rotors inspected at least once a year or every 12,000 miles, whichever comes first.

Maintenance Tips:

- Monitor brake pad wear indicators.
- Check brake fluid level and condition regularly.
- Listen for unusual noises (squealing, grinding) which may indicate worn pads.
- Inspect rotors for excessive wear, scoring, or warping.
- Ensure proper lubrication of caliper pins and contact points during service.

Replace brake pads when they reach their minimum thickness specification or show signs of damage. Bosch QuietCast pads feature powder-coated backing plates for enhanced corrosion resistance, contributing to their longevity.

8. TROUBLESHOOTING

If you experience any issues with your braking system, it is important to address them promptly. Consult a qualified technician for diagnosis and repair.

Common Issues and Potential Causes:

- **Brake Noise (Squealing/Grinding):** Can indicate worn pads, improper installation, lack of lubrication, or contaminated pads/rotors. Grinding often means metal-on-metal contact, requiring immediate attention.

- **Reduced Braking Performance:** May be due to worn pads, contaminated pads, air in the brake lines, faulty caliper, or master cylinder issues.
- **Vibration During Braking:** Often caused by warped brake rotors or uneven pad wear.
- **Pulling to One Side:** Could indicate a sticking caliper, uneven pad wear, or hydraulic issues.

Do not operate a vehicle with compromised braking performance. Seek professional assistance immediately.

9. SPECIFICATIONS

Specification	Detail
Brand	Bosch
Model Number	BP1529
Material	Semi-Metallic
Auto Part Position	Front
Vehicle Service Type	Automotive
Specification Met	OEM
Item Weight	6 pounds
Product Dimensions	10.5 x 6 x 3.5 inches
UPC	077212157846

10. SAFETY INFORMATION

Automotive brake systems are critical for vehicle safety. Always exercise caution when working on or around these components.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands before beginning any work.
- Follow all vehicle manufacturer's service procedures.
- Keep brake fluid away from painted surfaces, as it can damage paint.
- Dispose of old brake pads and fluids responsibly according to local regulations.

Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

11. WARRANTY AND SUPPORT

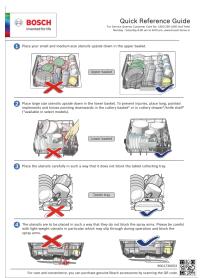
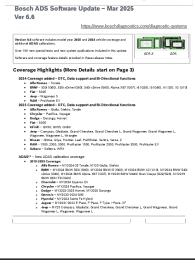
Bosch products are manufactured to high standards and are typically backed by a manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the official Bosch website or contact

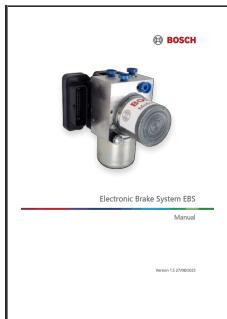
Bosch customer service directly. Keep your purchase receipt as proof of purchase. For further assistance, visit the official Bosch website or contact their customer support.

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This manual is for informational purposes only. Professional installation is recommended.

Related Documents - BP1529

	<p>Bosch Dishwasher Quick Reference Guide: Loading and Washing Tips</p> <p>A concise guide from Bosch on how to properly load your dishwasher for optimal cleaning results, along with tips for installation, settings, and recommended washing practices.</p>
	<p>Bosch TPA 300 Quick Start Guide: Automotive TPMS Diagnostic Tool</p> <p>Get started quickly with the Bosch TPA 300, a professional diagnostic tool for automotive tire pressure monitoring systems (TPMS). Learn about its features, included accessories, and basic operation.</p>
	<p>Bosch OBD1200 CodeConnect® User Guide: Automotive Diagnostics</p> <p>Comprehensive user guide for the Bosch OBD1200 CodeConnect® automotive diagnostic scan tool. Learn about its features for reading DTCs, viewing live data, troubleshooting, and vehicle compatibility.</p>
	<p>Bosch ADS Software Update Ver 6.6 - March 2025 - Enhanced Vehicle Coverage and Features</p> <p>Detailed release notes for Bosch ADS Software Update Ver 6.6, released March 2025. Includes new vehicle coverage for 2024-2025 models, over 10,000 special tests, ADAS calibrations, and expanded diagnostic functions for numerous automotive brands.</p>
	<p>Bosch FR5TPCC Radar Sensor User Manual: Features, Integration, and Technical Data</p> <p>Comprehensive user manual for the Bosch FR5TPCC Front Radar 5 Truck Plus CAN CAN sensor. Covers system description, operation principles, applications like predictive emergency braking and adaptive cruise control, vehicle integration guidelines, fascia design, installation, calibration, and technical specifications.</p>



[Bosch Electronic Brake System \(EBS\) Manual - Motorsport Technical Guide](#)

Comprehensive manual for the Bosch Electronic Brake System (EBS) in motorsport applications, detailing installation, technical specifications, CAN protocols, PWM signals, and diagnostic procedures.