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› Wagner QuickStop ZD1422 Front Disc Brake Pad Set User Manual

Wagner ZD1422

Wagner QuickStop ZD1422 Front Disc Brake Pad Set User Manual

Model: ZD1422 | Brand: Wagner

1. PRODUCT OVERVIEW

The Wagner QuickStop ZD1422 Front Disc Brake Pad Set is engineered to restore like-new braking performance for your vehicle. These ceramic brake pads are developed with a 100% post-cure process, ensuring consistent and even friction performance throughout their lifespan. Designed to reduce noise-causing vibration, they provide reliable and quiet stopping power.



Image 1.1: The Wagner QuickStop ZD1422 Front Disc Brake Pad Set, including four brake pads and associated installation hardware.

2. KEY FEATURES

- **Restores Like-New Braking Performance:** OE fit and form design ensures consistent, even braking throughout the life of the brake pad.
- **Reduced Vibration:** Application-specific design effectively minimizes noise-causing vibration.
- **Even Performance:** Each brake pad is engineered for consistent braking throughout its operational life.
- **Application-Specific Materials:** Formulated to meet the unique requirements of various vehicle applications.
- **Hardware Included:** Premium stainless-steel hardware and OE-style lubricant are provided in most applications for a complete installation.
- **Comprehensive Coverage:** Brake pads are available for a wide range of vehicle types.
- **Zero Copper Formulation:** Features Wagner OE25 zero-copper friction formulation, adhering to environmental standards.
- **Designed and Tested in USA:** Products are designed, tested, and certified in the USA by Federal-Mogul engineers.
- **100% OE Post-Curing Process:** Ensures even friction performance throughout the pad's life.
- **OE Matched Friction Formulations:** Configuration designed to restore original equipment braking performance.
- **Application Specific Shims:** Included shims are designed to reduce noise-causing vibration.
- **Asbestos-Free Material:** Manufactured with asbestos-free materials for safety.

RECOMMENDED USES FOR WAGNER QS™

For all vehicle types

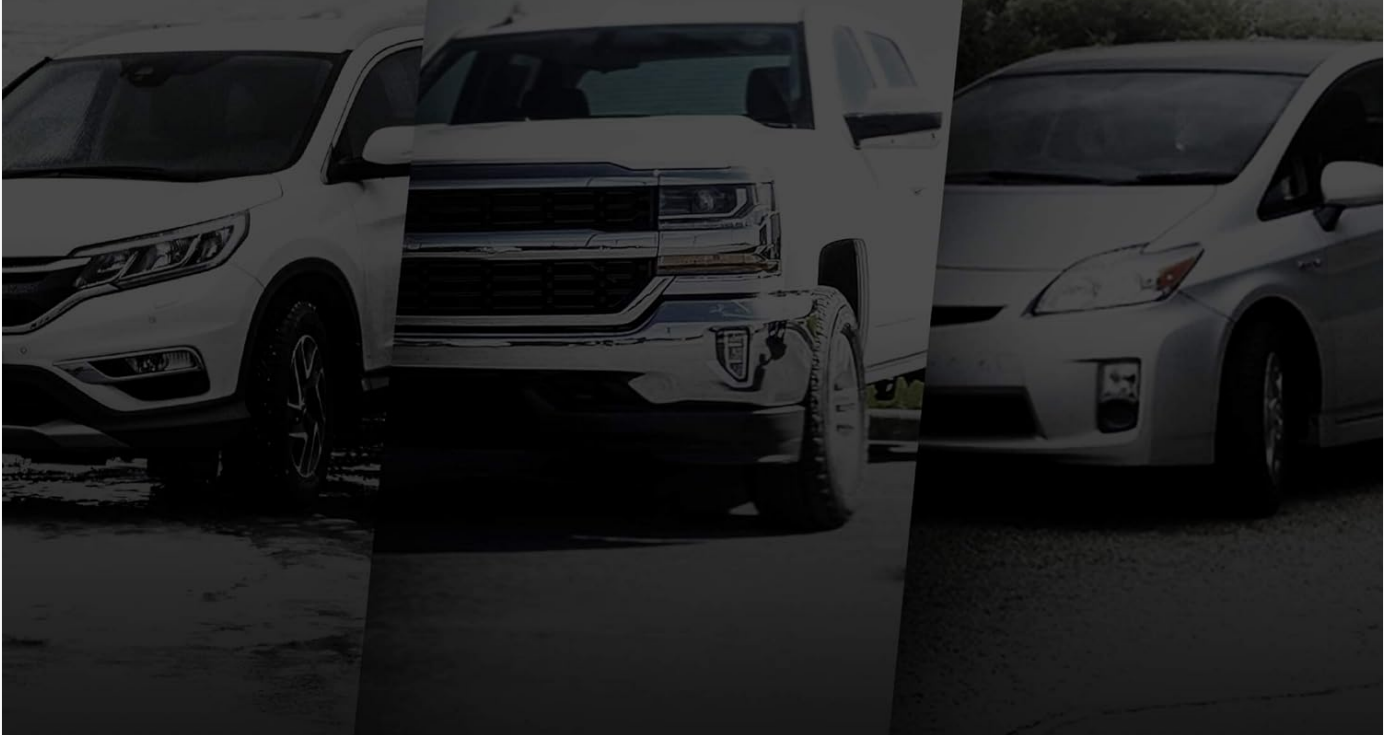


Image 2.1: An illustration showing the recommended uses for Wagner QuickStop brake pads, suitable for all vehicle types including sedans, trucks, and SUVs.

RESTORES LIKE-NEW PERFORMANCE

OE fit and form design delivers consistent,
even braking throughout the life of the pad



Image 2.2: Wagner QuickStop brake pads shown with their packaging, highlighting the "Restores Like-New Performance" feature.

REDUCED NOISE & VIBRATION

Application-specific design reduces
noise-causing vibration



Image 2.3: A close-up view of a Wagner brake pad, illustrating the design elements that contribute to reduced noise and vibration.

CONSISTENT BRAKING PERFORMANCE

Each brake pad is engineered for consistent braking throughout the life of the pad

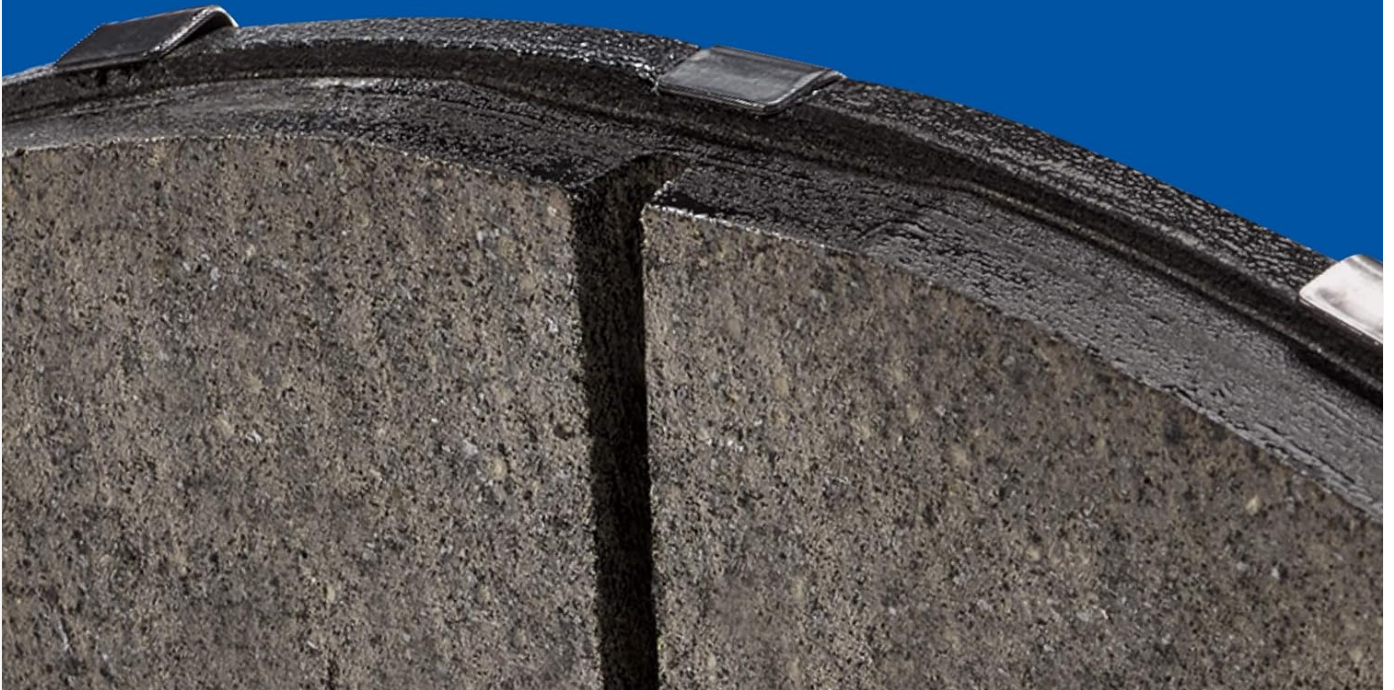


Image 2.4: Detail of a Wagner brake pad, emphasizing its engineering for consistent braking performance throughout its service life.

REDUCES NOISE CAUSING VIBRATION

APPLICATION-SPECIFIC CHAMFERS, SHIMS & SLOTS



**EVEN FRICTION PERFORMANCE
THROUGHOUT THE LIFE OF THE PAD**

GRADUAL POST-CURED PROCESS

**PREMIUM STAINLESS-STEEL
HARDWARE FOR
SELECT APPLICATIONS**

WAGNER QS™

*Image is representative and pad shape design is specific to each application

Image 2.5: An illustrative diagram detailing key features of the Wagner brake pad, such as application-specific chamfers, shims, slots for noise reduction, gradual post-cured process for even friction, and premium stainless-steel hardware.

**WAGNER®****OE25*****ZERO COPPER***

Image 2.6: The Wagner OE25 Zero Copper logo, indicating the environmentally conscious friction formulation used in these brake pads.

3. PACKAGE CONTENTS

The Wagner QuickStop ZD1422 Front Disc Brake Pad Set typically includes:

- Four (4) Wagner QuickStop ZD1422 Ceramic Brake Pads (for front axle)
- Premium stainless-steel hardware kit (where applicable)
- OE-style lubricant (where applicable)

Note: Contents may vary slightly based on specific application and packaging. Always verify package contents upon receipt.

4. INSTALLATION (SETUP)

Installation of brake components requires specialized tools, knowledge, and adherence to vehicle manufacturer specifications. Improper installation can lead to brake system failure, resulting in serious injury or death. **Professional**

installation by a certified mechanic is strongly recommended.

If you possess the necessary expertise and tools, please refer to your vehicle's specific service manual for detailed, step-by-step instructions for brake pad replacement. Key steps generally include:

1. Safely lifting and securing the vehicle.
2. Removing the wheels.
3. Disassembling the brake caliper and old brake pads.
4. Inspecting brake rotors and calipers for wear or damage.
5. Cleaning and lubricating caliper components as specified by the vehicle manufacturer.
6. Installing new Wagner QuickStop brake pads and hardware.
7. Reassembling the brake system.
8. Bleeding the brake system if necessary (refer to vehicle manual).
9. Performing a proper brake bedding procedure after installation to ensure optimal performance.

Always ensure all fasteners are torqued to the vehicle manufacturer's specifications.

PERFECT PAIRING

Always pair Wagner QS™ brake pads with Wagner E-Shield® rotors



Image 4.1: Wagner QuickStop brake pads displayed alongside Wagner E-Shield rotors, illustrating the recommended pairing for optimal

5. OPERATION

Once properly installed and bedded, Wagner QuickStop ZD1422 brake pads are designed to provide consistent and reliable braking performance under various driving conditions. The ceramic formulation contributes to quiet operation and reduced brake dust compared to traditional semi-metallic pads.

Brake Bedding Procedure: After new brake pads are installed, a proper bedding procedure is crucial for optimal performance and longevity. This process helps transfer a thin, even layer of friction material from the pads to the rotor surface. Consult your vehicle's service manual or a professional mechanic for the recommended bedding procedure for your specific vehicle and brake pad type.

6. MAINTENANCE

Regular inspection and maintenance of your vehicle's braking system are essential for safety and performance. It is recommended to:

- **Inspect Brake Pads:** Periodically check the thickness of your brake pads. Most pads have wear indicators that will produce a squealing sound when they need replacement.
- **Check Brake Fluid:** Ensure brake fluid levels are adequate and the fluid is clean. Refer to your vehicle's manual for recommended brake fluid type and replacement intervals.
- **Examine Rotors:** Inspect brake rotors for excessive wear, scoring, or warping. Rotors should be resurfaced or replaced if they are below minimum thickness or show significant damage.
- **Calipers and Hoses:** Check brake calipers for proper function and ensure brake hoses are not cracked or leaking.
- **Professional Inspection:** Have your braking system professionally inspected at least once a year or during routine vehicle maintenance.

7. TROUBLESHOOTING

If you experience any issues with your braking system after installing Wagner QuickStop ZD1422 brake pads, consider the following common problems and potential solutions:

Symptom	Possible Cause	Solution
Squealing or Grinding Noise	◦ New pads not properly bedded. ◦ Wear indicators contacting rotor. ◦ Contamination (dirt, debris). ◦ Improper installation (e.g., lack of lubricant on shims). ◦ Worn or damaged rotors.	◦ Perform proper brake bedding procedure. ◦ Inspect pads for wear; replace if necessary. ◦ Clean brake components. ◦ Re-inspect installation, ensure proper lubrication and hardware placement. ◦ Inspect and replace/resurface rotors.
Reduced Braking Performance / Soft Pedal	◦ Air in the brake lines. ◦ Brake fluid leak. ◦ Overheated brake pads/rotors (fade). ◦ Improper bedding.	◦ Bleed the brake system. ◦ Inspect for leaks and repair. ◦ Allow brakes to cool; avoid aggressive braking. ◦ Re-perform bedding procedure.

Symptom	Possible Cause	Solution
Excessive Brake Dust	◦ Normal during initial break-in period. ◦ Aggressive driving style. ◦ Contamination.	◦ Dust should decrease after bedding. ◦ Adjust driving habits. ◦ Clean wheels and brake components regularly.
Vibration or Pulsation During Braking	◦ Warped or unevenly worn rotors. ◦ Loose caliper bolts. ◦ Improper wheel lug nut torque.	◦ Inspect and replace/resurface rotors. ◦ Check and tighten caliper bolts to spec. ◦ Re-torque wheel lug nuts.

If troubleshooting steps do not resolve the issue, or if you are unsure about any aspect of brake system diagnosis or repair, consult a qualified automotive technician immediately.

8. SPECIFICATIONS

Attribute	Detail
Brand	Wagner
Model Number	ZD1422
Material	Ceramic
Auto Part Position	Front
Vehicle Service Type	Passenger Car
Item Weight	3.5 pounds
Product Dimensions	8.5 x 5.25 x 2.5 inches
Country of Origin	USA
UPC	008536627142
Manufacturer	Wagner Brake

9. WARRANTY INFORMATION

Specific warranty details for Wagner QuickStop ZD1422 Front Disc Brake Pads are typically provided with the product packaging or can be obtained directly from the manufacturer, Wagner Brake. Please retain your proof of purchase for any warranty claims.

For the most current and detailed warranty policy, please visit the official Wagner Brake website or contact their customer service department.

10. CUSTOMER SUPPORT

For technical assistance, product inquiries, or support regarding your Wagner QuickStop ZD1422 Front Disc Brake Pad Set, please contact Wagner Brake customer service. Contact information can typically be found on the product packaging or their official website.

When contacting support, please have your product model number (ZD1422) and purchase information readily available.



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This manual is for informational purposes only. Always consult a qualified professional for vehicle maintenance and repairs.