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› Wagner QuickStop ZD922 Rear Disc Brake Pad Set User Manual

## Wagner ZD922

# Wagner QuickStop ZD922 Rear Disc Brake Pad Set

Model: ZD922 | Brand: Wagner

## 1. PRODUCT OVERVIEW

The Wagner QuickStop ZD922 Rear 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 friction performance throughout their lifespan. Designed to reduce noise-causing vibration, they provide reliable and quiet operation.

### Key Features:

- **Restores Like-New Braking Performance:** OE fit and form design delivers consistent, even braking.
- **Reduced Vibration:** Application-specific design minimizes noise-causing vibration.
- **Even Performance:** Engineered for consistent braking throughout the life of the pad.
- **Application-Specific Materials:** Formulated to meet the unique needs of each vehicle application.
- **Hardware Included:** Premium stainless-steel hardware and OE-style lubricant included in most applications.
- **Comprehensive Coverage:** Brake pads available for various vehicle types.
- **Zero Copper Formulation:** Features Wagner OE25 zero-copper friction formulation.
- **Quality Assurance:** Designed, tested, and certified in the USA by Federal-Mogul engineers.
- **Asbestos-Free Material:** Ensures safety and environmental compliance.

## 2. SAFETY INFORMATION

Always prioritize safety when working on vehicle braking systems. Improper installation or maintenance can lead to serious injury or vehicle damage. If you are not confident in your ability to perform this installation, seek assistance from a qualified automotive technician.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands before beginning any work.
- Never rely solely on a jack to support the vehicle.
- Refer to your vehicle's service manual for specific torque specifications and procedures.
- Dispose of old brake components and fluids responsibly according to local regulations.
- Avoid inhaling brake dust, as it may contain harmful particles.

### 3. SETUP AND INSTALLATION

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This section provides general guidelines for installing the Wagner QuickStop ZD922 Rear Disc Brake Pad Set. Specific procedures may vary by vehicle model. Always consult your vehicle's manufacturer service manual for detailed instructions.

#### Tools and Materials Required:

- Jack and Jack Stands
- Lug Wrench
- Socket Set and Ratchet
- C-Clamp or Brake Caliper Piston Tool
- Wire Brush
- Brake Cleaner
- Torque Wrench
- New Wagner QuickStop ZD922 Brake Pads and Hardware
- OE-style lubricant (included with pads)

#### Installation Steps:

1. **Prepare the Vehicle:** Park the vehicle on a flat, level surface. Engage the parking brake. Loosen the rear lug nuts, then raise the vehicle and secure it with jack stands. Remove the rear wheels.
2. **Remove Old Brake Pads:** Locate the brake caliper. Remove the caliper mounting bolts and carefully slide the caliper off the rotor. Do not let the caliper hang by the brake hose; support it with a wire or bungee cord. Remove the old brake pads from the caliper bracket.
3. **Clean and Inspect:** Use a wire brush and brake cleaner to thoroughly clean the caliper bracket and rotor surface. Inspect the brake rotor for excessive wear, scoring, or warping. Replace the rotor if necessary.
4. **Compress Caliper Piston:** Use a C-clamp or brake caliper piston tool to slowly and evenly compress the caliper piston back into its bore. This creates space for the new, thicker brake pads.
5. **Install New Hardware:** Apply a thin layer of OE-style lubricant to the new stainless-steel hardware (shims and clips) and install them onto the caliper bracket.
6. **Install New Brake Pads:** Install the new Wagner QuickStop ZD922 brake pads into the caliper bracket, ensuring they fit correctly and the friction material faces the rotor.
7. **Reassemble Caliper:** Carefully slide the caliper back over the new pads and rotor. Reinstall the caliper mounting bolts and torque them to the vehicle manufacturer's specifications.
8. **Reinstall Wheel:** Reinstall the wheel and hand-tighten the lug nuts. Lower the vehicle and torque the lug nuts to the manufacturer's specifications.
9. **Repeat for Other Side:** Repeat the entire process for the other rear wheel.
10. **Brake System Bleeding (if necessary):** If the brake lines were opened or air entered the system, bleed the brake system according to your vehicle's service manual.



Image: The Wagner QuickStop ZD922 Rear Disc Brake Pad Set, showing the four brake pads and associated stainless-steel hardware components.

## 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: A diagram illustrating key features of Wagner brake pads, including application-specific chamfers, shims, and slots for noise reduction, a gradual post-cured process for even friction performance, and premium stainless-steel hardware.

## 4. OPERATING AND BREAK-IN PROCEDURE

After installing new brake pads, a proper break-in procedure is crucial for optimal performance and longevity. This process beds the pads to the rotors, ensuring maximum friction and reducing the likelihood of noise or pulsation.

### Break-in Steps:

1. **Initial Driving:** Drive the vehicle at a moderate speed (e.g., 30-40 mph) for a few miles, avoiding hard braking.
2. **Moderate Stops:** Perform 5-6 moderate stops from approximately 30 mph down to 5 mph. Allow a few seconds between stops for the brakes to cool slightly.
3. **Cool Down:** Drive for several minutes without braking to allow the pads and rotors to cool completely.
4. **Repeat (Optional):** For best results, repeat steps 2 and 3 once or twice.

During the break-in period, you may notice a slight burning smell or reduced braking effectiveness. This is normal. Avoid sudden, hard stops or prolonged braking during this time.

# RESTORES LIKE-NEW PERFORMANCE

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



Image: Wagner QS brake pads displayed with their packaging, emphasizing the "Restores Like-New Performance" feature.

## 5. MAINTENANCE

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

### Inspection Points:

- **Pad Thickness:** Check the thickness of the friction material. Replace pads if they are worn down to the minimum recommended thickness (typically 2-3mm, consult your vehicle manual).
- **Rotor Condition:** Inspect rotors for deep grooves, cracks, or excessive rust. Rotors should be smooth and free of significant imperfections.
- **Brake Fluid Level:** Check the brake fluid reservoir level. A low level can indicate worn pads or a leak.
- **Brake Hoses and Lines:** Look for any signs of leaks, cracks, or damage to brake hoses and lines.
- **Caliper Operation:** Ensure calipers move freely and are not seized.

For optimal performance, consider pairing Wagner QS™ brake pads with Wagner E-Shield® rotors, as they are designed to work together for superior braking.

# PERFECT PAIRING

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

A promotional image for Wagner brake components. It features a large, silver, two-piece brake rotor on the left. In the center is a white and blue box for Wagner E-Shield rotors, with the Wagner logo and text in multiple languages. To the right of the rotor box is a smaller box for Wagner QS brake pads, also with the Wagner logo and text. In front of the QS box are two brake pads, showing their green friction material and metal backing plates. The background is a solid blue.

Image: Wagner QS brake pads shown alongside Wagner E-Shield rotors, illustrating the recommended pairing for enhanced braking performance.

## 6. TROUBLESHOOTING COMMON ISSUES

This section addresses common issues that may arise with brake pads and offers potential solutions. If problems persist, consult a qualified automotive technician.

| Symptom                   | Possible Cause                                                              | Solution                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Squealing/Squeaking Noise | Improper break-in, worn pads, missing shims, rust on rotor, caliper issues. | Perform break-in procedure, inspect pad wear, ensure shims are installed, clean rotor, check caliper function. |
| Grinding Noise            | Severely worn pads (metal-on-metal contact), foreign object.                | Immediately replace pads and inspect rotors for damage. Remove any foreign objects.                            |

| Symptom             | Possible Cause                                              | Solution                                                                                             |
|---------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Vibration/Pulsation | Warped rotors, uneven pad wear, loose caliper.              | Inspect and replace or resurface rotors. Check pad wear. Ensure caliper bolts are torqued correctly. |
| Soft Brake Pedal    | Air in brake lines, low brake fluid, master cylinder issue. | Bleed brake system. Check brake fluid level and for leaks. Consult technician for master cylinder.   |

# REDUCED NOISE & VIBRATION

Application-specific design reduces noise-causing vibration



Image: A close-up view of a Wagner brake pad, highlighting its design features that contribute to reduced noise and vibration.

## 7. SPECIFICATIONS

| Attribute    | Detail |
|--------------|--------|
| Brand        | Wagner |
| Model Number | ZD922  |

| Attribute                | Detail                   |
|--------------------------|--------------------------|
| Material                 | Ceramic                  |
| Auto Part Position       | Rear                     |
| Vehicle Service Type     | Passenger Car            |
| Specification Met        | OEM                      |
| Item Weight              | 2.1 pounds               |
| Product Dimensions       | 5.25 x 4.25 x 2.5 inches |
| Country of Origin        | USA                      |
| Manufacturer Part Number | ZD922                    |

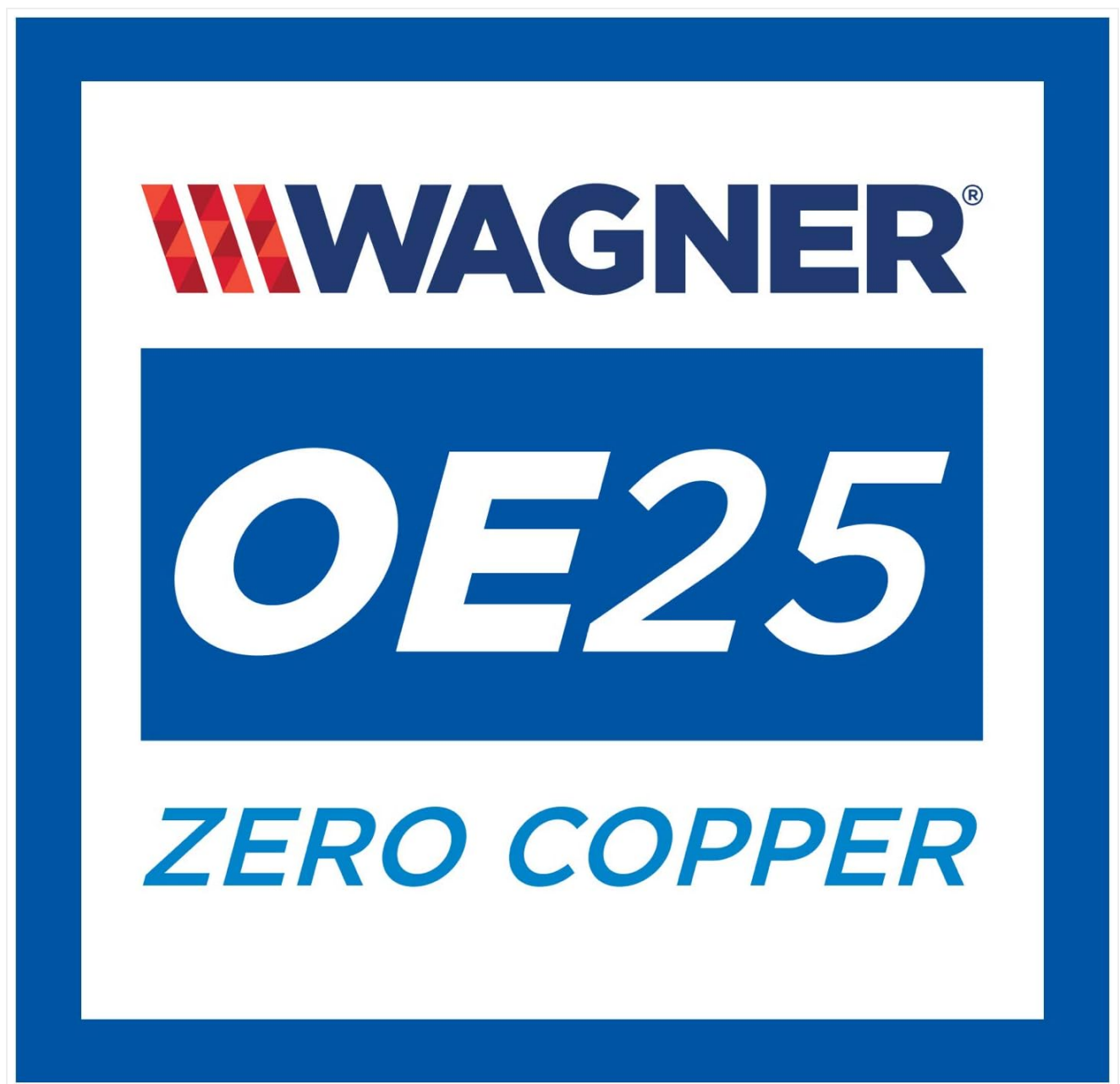


Image: The Wagner OE25 Zero Copper logo, indicating the environmentally conscious friction formulation used in these brake pads.

## 8. WARRANTY AND SUPPORT

Wagner products are manufactured to high standards and undergo rigorous testing. For specific warranty information regarding your Wagner QuickStop ZD922 Rear Disc Brake Pad Set, please refer to the warranty documentation included with your purchase or visit the official Wagner Brake website.

For technical assistance, installation questions, or product support, please contact Wagner customer service. Contact details can typically be found on the product packaging or the official Wagner Brake website.

**Online Resources:** For additional information, product updates, and technical bulletins, visit the official Wagner Brake website.

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