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› Power Stop K3072 Rear Z23 Carbon Fiber Brake Pads with Drilled & Slotted Brake Rotors Kit User Manual

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Model: K3072

PRODUCT OVERVIEW

The Power Stop K3072 Rear Z23 Carbon Fiber Brake Pads with Drilled & Slotted Brake Rotors Kit is designed to enhance the braking performance of your vehicle. This kit provides a low-dust and noise-free upgrade over standard brake systems, offering increased stopping power without compromising daily drivability.



Image: Complete Power Stop K3072 brake kit, including drilled and slotted rotors, carbon-fiber ceramic brake pads, and hardware.

Key Features:

- **Z23 Evolution Sport Carbon-Fiber Ceramic Brake Pads:** Engineered for durable, reliable stopping power that outperforms original equipment, resisting brake dust and noise.
- **Drilled & Slotted Brake Rotors:** Designed for maximum brake cooling and featuring Silver Zinc Dichromate plating for protection against rust and corrosion.
- **Complete Kit:** Includes 2x Rear Drilled & Slotted Brake Rotors, 1x Rear Z23 Carbon-Fiber Ceramic Brake Pad Set, installation hardware, and high-performance lubricant.
- **Direct Fit:** Bolt-on upgrade for stock brakes, requiring no modifications for compatible vehicles.

COMPATIBILITY

This kit is compatible with specific vehicle models and years. Please verify fitment using the information below:

- **Chevrolet Camaro:** 2010-2015 (3.6L LS or LT Models)
- **Cadillac CTS:** 2008-2014 (Base; Luxury; Performance; Premium - Coupe and Wagon - with 316mm front rotors and 315mm rear rotors)

- **Cadillac CTS:** 2009 (Base; with 316mm front rotors and 315mm rear rotors)

Important: Always confirm compatibility with your specific vehicle's make, model, and year before installation. Refer to your vehicle's service manual for precise rotor and caliper specifications.

SETUP AND INSTALLATION

Installation of this brake kit is designed as a direct bolt-on replacement for your vehicle's original equipment. No modifications are necessary for compatible models. However, proper installation is crucial for safety and performance. If you lack experience with automotive brake systems, it is recommended to seek assistance from a qualified mechanic.

EVERYTHING YOU NEED IN THE BOX

No last minute trips to the parts store.



Image: All components included in the Power Stop K3072 kit, laid out for inspection.

General Installation Steps (Consult Vehicle-Specific Manual for Details):

1. **Preparation:** Safely lift and support the vehicle. Remove the wheel.
2. **Remove Old Components:** Disassemble the caliper and remove the old brake pads and rotor.

3. **Clean Hub Assembly:** Thoroughly clean the hub assembly to ensure proper seating of the new rotor.
4. **Install New Rotor:** Place the new drilled and slotted rotor onto the hub. Ensure it sits flush.
5. **Install New Pads and Hardware:** Install the new carbon-fiber ceramic brake pads and all included stainless steel hardware. Apply high-performance lubricant as directed.
6. **Reassemble Caliper:** Reassemble the brake caliper, ensuring all bolts are torqued to manufacturer specifications.
7. **Bleed Brakes:** If the brake lines were opened, bleed the brake system to remove any air.
8. **Test Drive:** Perform a careful test drive and follow the brake break-in procedure.

PREMIUM **HARDWARE**

High-quality stainless steel hardware kit included for an easy install.



Image: Hands installing new brake hardware components during the brake system upgrade.

Brake Break-In Procedure:

After installation, a proper break-in procedure is essential for optimal performance and longevity of your new brake system. This process helps to transfer an even layer of friction material from the pads to the rotors.

1. Perform 5 moderate to aggressive stops from 40 MPH down to 10 MPH in rapid succession. Do not allow the brakes to cool between stops.

2. Avoid coming to a complete stop during this phase. If you must stop, shift into neutral or leave ample space to allow the vehicle to roll slightly, preventing pad imprints on hot rotors.
3. Next, perform 5 moderate stops from 35 MPH down to 5 MPH in rapid succession, again without letting the brakes cool.
4. You may notice a burning smell during this process, which is normal as the pads and rotors heat up.
5. After the stops, drive for approximately 5 minutes at a moderate speed without heavy braking to allow the brakes to cool down gradually. This cooling stage helps to cure the brake pads and rotors.
6. Once the brakes have cooled to standard operating temperature, they are ready for normal use.

Caution: Never cool hot brakes with water, as this can damage them.

OPERATING CHARACTERISTICS

The Power Stop K3072 kit is engineered for enhanced daily driving performance:

- **Increased Stopping Power:** Experience improved braking response and shorter stopping distances compared to original equipment.
- **Noise-Free Operation:** The carbon-fiber ceramic formula is designed to minimize braking noise.
- **Low Dust:** The brake pads produce significantly less dust, helping to keep your wheels cleaner.



DUST-FREE BRAKING

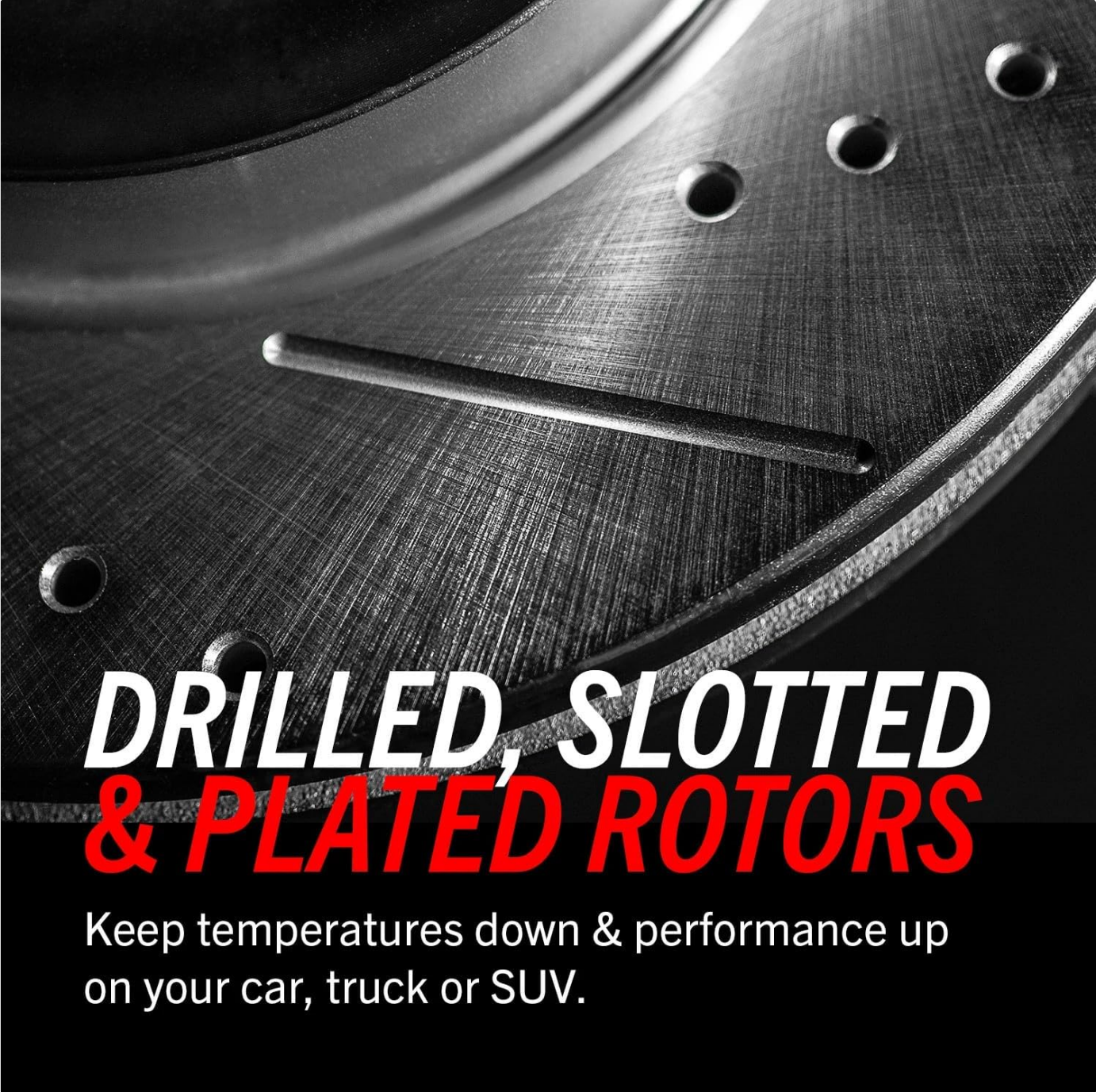
Keep your wheels looking good
with low-dust brake pads

Image: A vehicle wheel showcasing the low-dust performance of the Power Stop brake pads, resulting in cleaner wheels.

MAINTENANCE

Regular inspection and maintenance are vital for the longevity and safety of your brake system.

- **Routine Inspections:** Periodically check brake pads for wear and rotors for any signs of damage, cracks, or excessive wear.
- **Cleaning:** The zinc dichromate plating on the rotors helps prevent rust and corrosion. Regular cleaning of your wheels can help maintain the appearance and prevent buildup.
- **Brake Fluid:** Ensure your brake fluid level is correct and that the fluid is clean. Consult your vehicle's maintenance schedule for brake fluid replacement intervals.



DRILLED, SLOTTED & PLATED ROTORS

Keep temperatures down & performance up
on your car, truck or SUV.

Image: A detailed view of a drilled and slotted brake rotor, highlighting the design features for cooling and debris removal.



DUAL-LAYER RUBBERIZED SHIMS

Rubberized stainless steel shims insulate noise for virtually silent braking.

Image: An exploded view diagram illustrating the dual-layer rubberized shims, which contribute to quiet braking by insulating noise.

TROUBLESHOOTING

If you experience any issues with your brake system after installing the Power Stop K3072 kit, consider the following:

- **Noise (Squealing/Grinding):** Ensure proper break-in procedure was followed. Check for correct installation of anti-rattle clips and shims. Inspect for any foreign objects.
- **Vibration/Pulsation:** This can indicate uneven pad material transfer or rotor run-out. Re-check the break-in procedure. Ensure rotors are properly seated and hub is clean.
- **Reduced Braking Performance:** Verify proper installation, including caliper function and brake fluid levels. Ensure no air is in the brake lines.

If you are unable to resolve an issue, it is strongly recommended to consult a qualified automotive technician.

Video: An informational video from A-Premium demonstrating disc brake rotors and ceramic brake pads, which may offer general insights into brake system components and function.

SPECIFICATIONS

Attribute	Detail
Brand	Power Stop
Model Number	K3072
Position	Rear
Brake Pad Material	Carbon-Fiber Ceramic
Rotor Type	Drilled & Slotted
Rotor Coating	Silver Zinc Dichromate
Item Weight	38.9 pounds
Product Dimensions	14.3 x 14.6 x 9.1 inches
UPC	792088572332

WARRANTY AND SUPPORT

The Power Stop K3072 Brake Kit comes with a**36-month / 36,000-mile warranty**. For warranty claims or technical support, please contact Power Stop customer service directly. Keep your purchase receipt as proof of purchase. For additional resources and general brake information, you may find the following videos helpful:

Video: A Detroit Axle video highlighting quick, clean, and quiet brake performance, offering general information relevant to brake system benefits.

Video: An A-Premium video showcasing disc brake rotors and ceramic brake pads, providing visual details of brake components.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question