

Wagner MX1106

Wagner ThermoQuiet MX1106 Semi-Metallic Disc Brake Pad Set

Model: MX1106 | Brand: Wagner

PRODUCT OVERVIEW

The Wagner ThermoQuiet MX1106 Semi-Metallic Disc Brake Pad Set is engineered for optimal performance and quiet operation. These brake pads incorporate a zero-copper friction formulation and a unique Integrally Molded Insulator (IMI™) technology, contributing to a quieter braking experience.

Key features include:

- **Quiet Performance:** Semi-metallic friction material designed for quiet operation and high performance.
- **Exceptional Braking Power:** Advanced friction formulations effectively dissipate heat for superior braking.
- **One-Piece Design:** IMI technology integrates friction material, backing plate, and insulator for enhanced integrity.
- **Hardware Included:** Premium stainless-steel hardware is provided for select applications.
- **Comprehensive Coverage:** Brake pads are available for a wide range of vehicle types.
- **Zero Copper Formulation:** Features Wagner OE25 zero-copper friction formulation, meeting environmental standards.
- **Enhanced Durability:** Designed for long-lasting performance and reduced brake fade.
- **Asbestos-Free:** Manufactured with asbestos-free friction material for safety.

PRODUCT FEATURES IN DETAIL

Quiet Operation

QUIETER OPERATION

Application-specific design and unique laser-shaped friction spreads out heat, sound and vibration



The application-specific design and unique laser-shaped friction material help to spread out heat, sound, and vibration, ensuring a quieter braking experience.

Cleaner Wheels

CLEANER WHEELS

Proprietary formulation provides reduced rotor wear, helping to cut down on brake dust



Proprietary friction formulation reduces rotor wear, which significantly cuts down on brake dust, helping to keep your wheels cleaner.

Longer Life

LONGER LIFE

Superior formulation design dissipates heat for long-lasting friction performance and reduced brake fade



Superior formulation design effectively dissipates heat, leading to long-lasting friction performance and reduced brake fade over time.

Integrated Design & Performance

REDUCES BRAKE FADE

**SPREADS OUT HEAT,
SOUND & VIBRATION
OVER A LARGER SURFACE**

ONE-PIECE BRAKE PAD

IMI™ TECHNOLOGY



QUIETER OPERATION

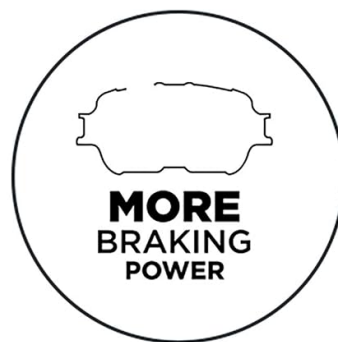
**APPLICATION-SPECIFIC DESIGN & UNIQUE
LASER-SHAPED FRICTION-TO-ROTOR INTERFACE**

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

WAGNER | TQ®

This diagram highlights how the one-piece brake pad with IMI™ technology, application-specific design, and premium stainless-steel hardware work together to reduce brake fade and ensure quieter operation.

Enhanced Braking Experience



WAGNER | TQ®

*Wagner OE21 Low copper friction formulations compared to our previous ceramic pad performance. Results may vary by application.

Experience quieter braking, increased stopping power, and improved fade performance, ensuring a more reliable and comfortable drive.

Zero Copper Formulation



OE25

ZERO COPPER

The OE25 zero-copper friction formulation meets stringent environmental regulations while maintaining high performance standards.

Comprehensive Vehicle Coverage

RECOMMENDED USES FOR WAGNER TQ®

For all vehicle types



Wagner ThermoQuiet brake pads are designed to provide comprehensive coverage, making them suitable for all vehicle types.

Optimal System Pairing

PAIR PREMIUM WITH PREMIUM

Always pair premium Wagner TQ® brake pads with Wagner E-Shield® Rotors



For the best braking performance, it is recommended to pair Wagner TQ® brake pads with Wagner E-Shield® Rotors.

INSTALLATION (SETUP)

Installation of brake pads requires specific tools and knowledge of automotive braking systems. It is highly recommended that installation be performed by a qualified professional or an experienced mechanic.

General Installation Steps (Consult Service Manual for Specifics):

1. **Safety First:** Ensure the vehicle is securely lifted and supported on jack stands. Disconnect the battery if working near electrical components.
2. **Wheel Removal:** Remove the wheel from the axle where the brake pads are to be replaced.
3. **Caliper Removal:** Carefully remove the brake caliper bolts and slide the caliper off the rotor. Do not let the caliper hang by the brake hose; support it with a wire or hook.
4. **Old Pad Removal:** Remove the old brake pads from the caliper bracket. Note their orientation.

5. **Clean and Inspect:** Clean the caliper and caliper bracket thoroughly. Inspect the brake rotor for wear, scoring, or warping. Replace if necessary.
6. **Install New Hardware:** Install the new stainless-steel hardware (clips and shims) provided with the Wagner TQ® brake pads onto the caliper bracket.
7. **Install New Pads:** Insert the new Wagner TQ® brake pads into the caliper bracket, ensuring they fit correctly and are oriented as the old pads were.
8. **Retract Piston:** Use a brake caliper piston tool to retract the caliper piston(s) to accommodate the new, thicker brake pads.
9. **Reinstall Caliper:** Carefully slide the caliper back over the new pads and rotor. Reinstall and torque the caliper bolts to the manufacturer's specifications.
10. **Bleed Brakes (If Necessary):** If the brake lines were opened or air entered the system, bleed the brake system according to the vehicle manufacturer's procedure.
11. **Reinstall Wheel:** Reinstall the wheel and torque the lug nuts to specifications.
12. **Test Brakes:** Before driving, pump the brake pedal several times until it feels firm. Check for any leaks. Drive slowly in a safe area to confirm proper brake function.

Always refer to your vehicle's specific service manual for detailed, model-specific installation instructions and torque specifications.

OPERATING YOUR NEW BRAKE PADS

After installing new brake pads, a proper break-in procedure is crucial for optimal performance and longevity. This process, often called 'bedding-in', helps to transfer an even layer of friction material from the pads to the rotor surface.

Brake Pad Bedding-In Procedure:

1. **Initial Driving:** Drive the vehicle at a moderate speed (e.g., 30-40 mph) and apply the brakes with moderate pressure, slowing down to about 10 mph. Do not come to a complete stop. Repeat this 5-6 times.
2. **Cool Down:** Drive for several minutes without braking to allow the pads and rotors to cool down.
3. **Repeat:** Repeat the moderate braking sequence 2-3 more times, followed by a cool-down period.
4. **Avoid Hard Braking:** For the first 200-300 miles, avoid sudden, hard braking or prolonged heavy braking (e.g., continuous braking down a long hill). This allows the pads to fully seat and cure.

During the bedding-in process, you may notice a slight burning smell or some smoke, which is normal. After proper bedding-in, your Wagner TQ® brake pads will provide consistent and reliable stopping power.

MAINTENANCE

Regular inspection and maintenance of your braking system are essential for safety and performance. While Wagner TQ® brake pads are designed for durability, they are part of a larger system that requires attention.

Recommended Maintenance Practices:

- **Regular Inspections:** Have your brake system inspected by a professional at least once a year or every 12,000 miles, whichever comes first. This includes checking pad thickness, rotor condition, caliper function, and brake fluid levels.
- **Brake Fluid Check:** Regularly check your brake fluid level and condition. Brake fluid should be clear and free of contaminants. Consult your vehicle's manual for recommended brake fluid replacement intervals.
- **Listen for Warning Signs:** Pay attention to any unusual noises (squealing, grinding), vibrations, or changes in pedal feel. These can indicate issues requiring immediate attention.
- **Cleanliness:** Keep brake components clean, especially during tire rotations or other service. Brake dust can accumulate and affect performance.
- **Rotor Condition:** Ensure rotors are free from deep grooves, cracks, or excessive rust. Worn rotors can compromise brake pad performance and lead to premature wear.

TROUBLESHOOTING COMMON ISSUES

If you experience any issues with your braking system, it's important to address them promptly. Below are common symptoms and potential causes:

Symptom	Potential Cause	Action
Squealing/Screeching Noise	New pads bedding-in (temporary), worn pads (wear indicator), glazed pads/rotors, improper installation, foreign object.	Allow for bedding-in period. If persistent, inspect pads for wear, check for proper installation, or consult a professional.
Grinding Noise	Severely worn pads (metal-on-metal), foreign object lodged in caliper.	Immediate inspection required. Replace pads and inspect rotors. Remove foreign objects.
Vibration/Pulsation in Pedal	Warped rotors, uneven pad wear, loose caliper components.	Inspect rotors for runout, check pad wear, ensure all components are tightened correctly. Rotors may need resurfacing or replacement.
Soft/Spongy Brake Pedal	Air in brake lines, low brake fluid, faulty master cylinder or brake hose.	Check brake fluid level. Bleed brake system. If issue persists, professional diagnosis is needed.
Vehicle Pulls to One Side During Braking	Sticking caliper, uneven pad wear, contaminated brake fluid, collapsed brake hose.	Inspect calipers for proper movement, check pad wear on both sides, and inspect brake hoses.

If you are unsure about diagnosing or repairing a brake issue, always seek assistance from a certified automotive technician.

SPECIFICATIONS

Specification	Detail
Brand	Wagner
Model Number	MX1106
Material	Semi-Metallic Friction Material, Stainless Steel Hardware
Auto Part Position	Front
Specification Met	OEM
Item Weight	3.5 pounds
Product Dimensions	8.5 x 10 x 10.5 inches
UPC	008536451976
Manufacturer Part Number	MX1106
Friction Formulation	Zero-Copper (OE25)
Technology	Integrally Molded Insulator (IMI™)

WARRANTY AND SUPPORT

Wagner products are manufactured to high standards and are backed by the manufacturer's warranty. For specific warranty details, including coverage period and terms, please refer to the warranty information provided with your purchase or visit the official Wagner website.

For technical support, installation questions, or warranty claims, please contact Wagner customer service through their official channels. Always provide your product model number (MX1106) and any relevant purchase information when seeking support.

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This manual is for informational purposes only. Always consult a qualified professional for installation and service.

ASK A QUESTION ABOUT THIS MANUAL

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

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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