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› VALEO BRAKE SYSTEMS Brake Pad Set 598699, set of 4, Front Axle, Fitting Position: Front Axle, Brake System: TRW

VALEO 598699

VALEO BRAKE SYSTEMS Brake Pad Set 598699 User Manual

Model: 598699 | Brand: VALEO

PRODUCT OVERVIEW

This document provides essential information for the VALEO BRAKE SYSTEMS Brake Pad Set 598699. This set includes four brake pads designed for the front axle, utilizing the TRW brake system. These brake pads are engineered to deliver reliable braking performance and extended durability for compatible vehicles.



Figure 1: Packaging of the VALEO BRAKE SYSTEMS Brake Pad Set 598699, showing the product box with branding and product details.

VEHICLE COMPATIBILITY

The VALEO BRAKE SYSTEMS Brake Pad Set 598699 is compatible with a range of vehicle models. It is crucial to verify

compatibility with your specific vehicle before installation.

Compatible Models (Sample List):

- BMW 1 Series Hatchback 118 d (2006 - 2012) 105kW
- Mini Mini Hatchback Cooper (2005 - 2013) 88kW
- Mini Mini Hatchback One (2005 - 2013) 70kW
- Mini Mini Hatchback Cooper (2005 - 2013) 90kW
- Mini Mini Hatchback Cooper D (2005 - 2013) 80kW
- Mini Mini Hatchback One (2005 - 2013) 72kW
- BMW 1 Series Hatchback 116 i (2006 - 2012) 90kW
- Mini Mini Hatchback Cooper D (2005 - 2013) 82kW
- BMW 1 Series Hatchback 116 i (2006 - 2012) 85kW
- BMW 1 Series Hatchback 116 d (2006 - 2012) 85kW

Equivalent Part Numbers:

- MINI 34 11 6 772 892; MINI 34116772892
- BMW 34 11 6 771 838; BMW 34 11 6 774 050; BMW 34 11 6 771 837; BMW 34116771838; BMW 34 11 6 767 143; BMW 34116767144; BMW 34 11 6 767 144; BMW 34116771837; BMW 341167740

For detailed compatibility verification, please refer to the manufacturer's official resources or use a vehicle part finder tool. You may also find additional information by scanning the QR code on the product packaging or visiting the official Valeo website: [Valeo Product Information](#).



Figure 2: An illustration demonstrating how to verify vehicle compatibility using an online tool, often found on e-commerce platforms, by entering vehicle registration details.

INSTALLATION (SETUP)

Brake pad installation should be performed by a qualified technician or an experienced individual with proper tools and safety equipment. Incorrect installation can lead to brake failure and serious injury.

General Installation Steps:

1. **Preparation:** Ensure the vehicle is safely lifted and supported. Remove the wheel.

2. **Old Pad Removal:** Loosen and remove the caliper bolts. Carefully remove the old brake pads. Note their orientation.
3. **Caliper Piston Retraction:** Use a brake caliper piston tool to retract the caliper piston(s) fully. This is essential to accommodate the new, thicker pads.
4. **Cleaning:** Clean the caliper bracket, rotor surface, and hub assembly. Remove any rust or debris.
5. **New Pad Installation:** Install the new VALEO brake pads into the caliper bracket. Ensure they fit correctly and are oriented as the old ones were. Apply a thin layer of brake lubricant to the caliper slide pins and contact points where the pads meet the caliper bracket (*do not apply lubricant to the friction material or rotor surface*).
6. **Reassembly:** Reinstall the brake caliper over the new pads and rotor. Tighten caliper bolts to the manufacturer's specified torque.
7. **Fluid Check:** Check the brake fluid reservoir level. It may rise as pistons are retracted. Adjust if necessary.
8. **Bleeding (if necessary):** If the brake system was opened or air entered, bleed the brakes according to the vehicle manufacturer's procedure.
9. **Final Checks:** Reinstall the wheel and lower the vehicle. Pump the brake pedal several times to seat the pads against the rotor and restore pedal pressure before driving.

Always consult your vehicle's service manual for specific torque specifications and procedures.

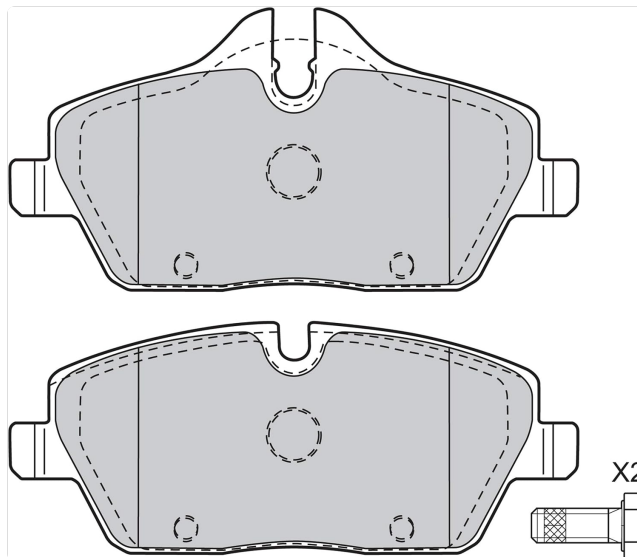


Figure 3: Technical diagram illustrating the design of two VALEO brake pads and an accompanying bolt, highlighting their shape and mounting points.

OPERATING AND BEDDING-IN

After new brake pads are installed, a proper "bedding-in" or "break-in" procedure is essential for optimal performance and longevity. VALEO brake pads are pre-bedded, which reduces the required bedding-in distance compared to non-treated pads.

Bedding-In Procedure:

Even with pre-bedded pads, it is recommended to drive cautiously for the first 200-300 miles (320-480 km) after installation. Avoid sudden, hard braking during this period. Gradually increase braking force over time. This allows the pad material to fully conform to the rotor surface, ensuring even contact and consistent braking performance.

During the bedding-in period, you may notice a slight reduction in initial braking effectiveness or a faint odor. This is normal.

MAINTENANCE

Regular inspection of your brake pads is crucial for safety and performance.

Inspection Frequency:

- Inspect brake pads every 10,000 to 15,000 miles (16,000 to 24,000 km) or as recommended by your vehicle manufacturer.
- Check pad thickness, rotor condition, and caliper operation.

Signs of Wear or Issues:

- **Squealing or Grinding Noise:** Often indicates worn pads or issues with the brake system.
- **Reduced Braking Performance:** Longer stopping distances or a spongy pedal.
- **Vibration:** Pulsation felt through the brake pedal, often indicating warped rotors or uneven pad wear.
- **Visible Wear:** If the pad friction material is less than 3mm thick, replacement is recommended.
- **Warning Light:** Some vehicles have a brake pad wear indicator light on the dashboard.

Replace brake pads when they show significant wear or if any of the above symptoms are present.

TROUBLESHOOTING COMMON ISSUES

If you experience issues with your braking system after installing new pads, consider the following:

Symptom	Possible Cause	Solution
Brake Squeal/Noise	Improper installation, lack of anti-squeal shims/lubricant, worn rotors, or new pad bedding-in.	Ensure proper installation, apply brake lubricant to non-friction contact points, inspect rotors, allow for bedding-in period.
Reduced Braking Power	Air in brake lines, improper bedding-in, contaminated pads, or faulty caliper.	Bleed brake system, complete bedding-in, inspect pads for contamination, check caliper function.
Vibration/Pulsation	Warped rotors, uneven pad wear, or loose wheel bearings.	Inspect and replace rotors if warped, check pad wear, inspect wheel bearings.
Brake Pedal Feels Spongy	Air in brake lines, low brake fluid, or master cylinder issue.	Bleed brake system, check and top up brake fluid, inspect master cylinder.

If issues persist, seek professional automotive assistance.

SPECIFICATIONS

Key specifications for the VALEO BRAKE SYSTEMS Brake Pad Set 598699:

- **Brand:** VALEO
- **Model Number:** 598699
- **Fitting Position:** Front Axle
- **Brake System:** TRW
- **Quantity:** Set of 4 brake pads
- **Dimensions:**
 - Width: 131.3 mm
 - Height: 53 mm

- Thickness: 17.8 mm

- **Material:** Premium quality, copper-free friction material
- **Certification:** ECE-R90 compliant
- **Features:** Pre-bedded pads, delivered with unassembled accessory equivalent to OE level, some parts equipped with patented metallic shim for noise reduction.
- **Item Weight:** Approximately 3.1 pounds (1.4 kg)
- **Product Dimensions:** Approximately 2.75 x 2.01 x 1.52 inches (7 x 5.1 x 3.8 cm)
- **OEM Part Numbers:** BMW:34116767143, BMW:34116767144, BMW:34116771837, BMW:34116771838, BMW:34116774050



Figure 4: A collection of various VALEO brake system components, including brake discs, brake pads, brake shoes, and brake fluids, showcasing the brand's comprehensive product range.

WARRANTY AND SUPPORT

For specific warranty information regarding the VALEO BRAKE SYSTEMS Brake Pad Set 598699, please refer to the documentation included with your purchase or contact VALEO directly. Warranty terms and conditions may vary. For technical support, installation queries, or product-related assistance, please visit the official VALEO website or contact their customer service department. You can also visit the [Valeo Store on Amazon](#) for more products and information.