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› Wagner H5059 Disc Brake Caliper Bolt Instruction Manual

Wagner H5059

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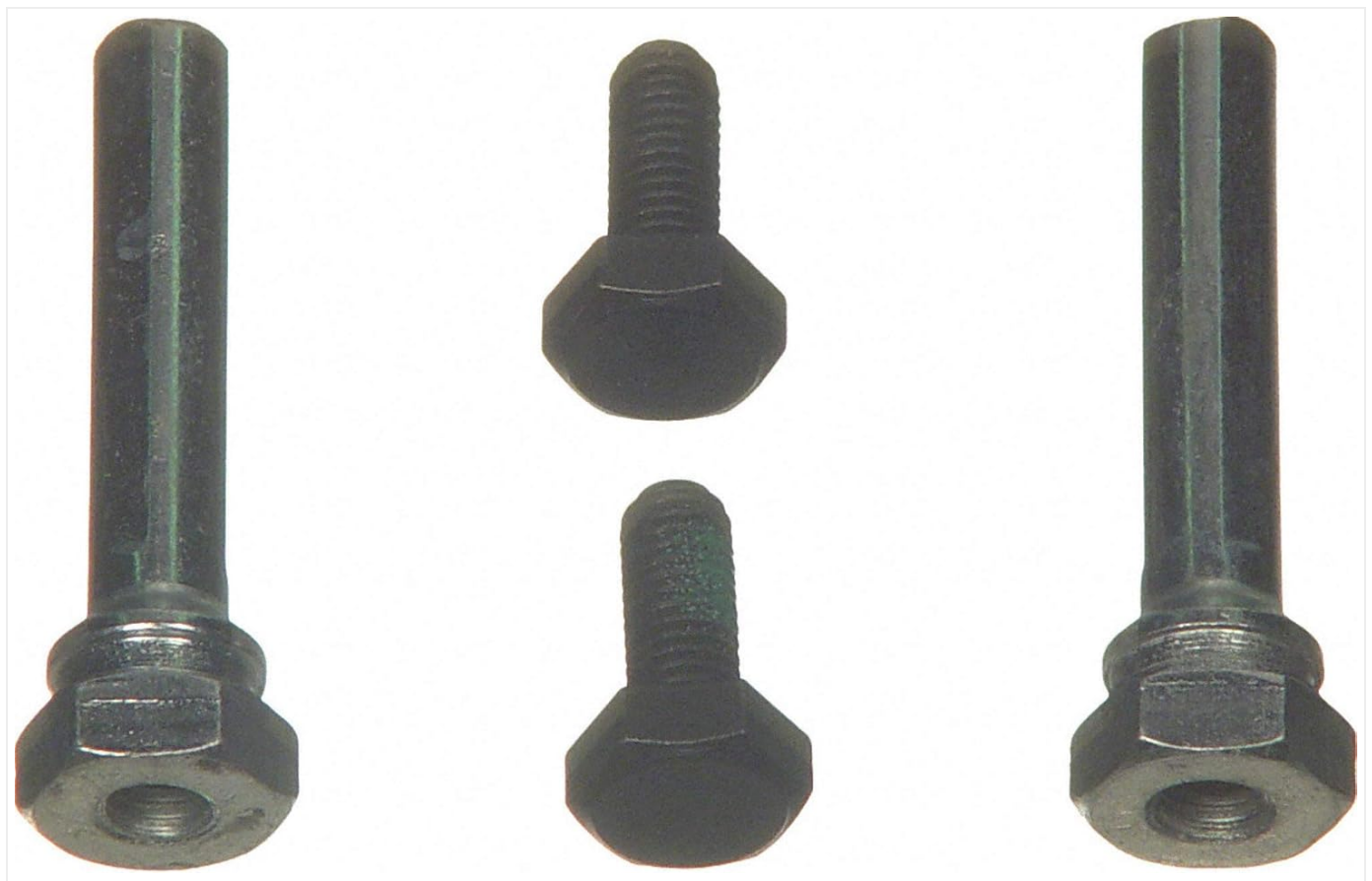
Model: H5059

1. INTRODUCTION

This manual provides essential information for the proper handling, installation, and maintenance of the Wagner H5059 Disc Brake Caliper Bolt. Adhering to these instructions is crucial for ensuring the safety and optimal performance of your vehicle's braking system. This product is designed to maintain proper movement for safe, effective stopping performance.

2. PRODUCT OVERVIEW

The Wagner H5059 Disc Brake Caliper Bolt is a critical component in your vehicle's disc brake system. These bolts, often referred to as guide pins or slide pins, allow the brake caliper to slide freely on its mounting bracket. Proper function of these bolts is vital for even brake pad wear and consistent braking force. This specific model is designed for front disc brake applications.



This image displays three Wagner H5059 Disc Brake Caliper Bolts. Two are longer guide pins, and one is a shorter, threaded bolt, all in a dark metallic finish. These components are essential for proper brake caliper function.

3. KEY FEATURES

- **Maintains Proper Movement:** Ensures the brake caliper slides smoothly for safe and effective stopping performance.
- **Quieter Braking System:** Contributes to reducing noise during braking.
- **Smoother Pedal Travel:** Helps provide a consistent and smooth feel to the brake pedal.
- **Longer Brake Life:** Promotes even brake pad wear, extending the life of brake components.
- **Reliable Performance:** Engineered for durability and consistent performance.

4. INSTALLATION GUIDELINES

Proper installation of the Wagner H5059 Disc Brake Caliper Bolt is critical for safety and performance. It is recommended that installation be performed by a qualified automotive technician. Always refer to your vehicle's specific service manual for detailed torque specifications and procedures.

4.1. Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands before working underneath.
- Allow brake components to cool down before handling.
- Do not use damaged or worn bolts.

4.2. Installation Steps

1. **Prepare the Vehicle:** Lift the vehicle and secure it on jack stands. Remove the wheel.

2. **Remove Old Components:** Carefully remove the old caliper bolts and any associated hardware. Inspect the caliper bracket and caliper for wear or damage.
3. **Clean and Lubricate:** Thoroughly clean the caliper bolt holes and the caliper slide pin bores. Apply a high-temperature, silicone-based brake lubricant to the new caliper bolts and the inside of the caliper slide pin boots.
4. **Install New Bolts:** Insert the new Wagner H5059 caliper bolts into their respective positions. Ensure they slide freely without binding.
5. **Torque to Specification:** Tighten the caliper bolts to the vehicle manufacturer's specified torque settings using a calibrated torque wrench. Overtightening or undertightening can lead to premature wear or failure.
6. **Reassemble:** Reinstall the wheel and lower the vehicle.
7. **Test Brakes:** Before driving, pump the brake pedal several times to ensure proper brake pressure. Perform a low-speed test drive in a safe area to confirm proper braking function.

5. MAINTENANCE AND INSPECTION

Regular inspection of your brake caliper bolts is essential for maintaining braking system integrity and safety. It is recommended to inspect these components during every brake service or at least annually.

- **Visual Inspection:** Check for signs of corrosion, rust, bending, or damage to the bolts.
- **Lubrication Check:** Ensure the bolts are properly lubricated and slide freely within their bores. If they are stiff or seized, they may need to be cleaned, re-lubricated, or replaced.
- **Boot Integrity:** Inspect the rubber boots that protect the slide pins. Tears or damage to these boots can allow contaminants to enter, leading to corrosion and seizing. Replace damaged boots immediately.
- **Torque Check:** Periodically verify that the caliper bolts are torqued to the manufacturer's specifications.

6. TROUBLESHOOTING

If you experience issues with your braking system after installing or while using Wagner H5059 caliper bolts, consider the following:

- **Uneven Brake Pad Wear:** This can indicate seized or binding caliper bolts, preventing the caliper from floating correctly. Inspect and lubricate/replace bolts.
- **Brake Noise (Squealing/Grinding):** While many factors cause brake noise, seized caliper bolts can contribute by causing uneven pressure on the pads.
- **Pulling to One Side During Braking:** A caliper that is not sliding freely due to faulty bolts can cause the vehicle to pull.
- **Spongy Brake Pedal:** Though less common for bolts, any issue affecting caliper movement can indirectly impact pedal feel.

If troubleshooting does not resolve the issue, consult a professional automotive technician.

7. SPECIFICATIONS

Specification	Value
Manufacturer	Wagner
Part Number	H5059
Item Model Number	H5059

Specification	Value
Item Weight	90.7 g
Package Dimensions	14.48 x 4.83 x 3.56 cm
Item Package Quantity	1
Thread Style	Right Hand
ASIN	B000CQPR6E
UPC	008536135418, 008536191537

8. WARRANTY AND SUPPORT

Wagner products are manufactured to high-quality standards. For specific warranty information or technical support, please refer to the official Wagner website or contact their customer service department. Always retain your proof of purchase for warranty claims.

For further assistance, please visit the official Wagner website or contact their customer support.

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