

[Manuals.plus](#) /

› [Carlson](#) /

› Carlson H5053 Front Brake Caliper Bolt Instruction Manual

Carlson H5053

Carlson H5053 Front Brake Caliper Bolt Instruction Manual

Model: H5053

1. INTRODUCTION

This manual provides essential information for the proper installation and maintenance of the Carlson H5053 Front Brake Caliper Bolt. Adhering to these instructions will help ensure the correct function and longevity of the component. Please read this manual thoroughly before proceeding with any installation or service.

2. SAFETY INFORMATION

Automotive repair can be hazardous. Always prioritize safety to prevent injury or damage to the vehicle. Professional installation is recommended for brake system components.

- Always wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands before working underneath it.
- Use the correct tools for the job.
- Refer to the vehicle manufacturer's service manual for specific torque specifications and procedures.
- Keep children and pets away from the work area.
- This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning). Handle with care and wash hands after use.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation.

- 1 x Carlson H5053 Front Brake Caliper Bolt



Image 1: Carlson H5053 Front Brake Caliper Bolt. This image displays two silver-colored bolts with threaded ends and two cylindrical sleeves, typically included in a caliper bolt kit.

4. SPECIFICATIONS

Brand	Carlson
Model Number	H5053
Product Type	Auto Part
Position	Front
Fastener Type	Hexagon Bolt
Head Type	Hex
Head Style	Flat
Thread Style	Right Hand, Coarse, 1/4-20 UNC
Thread Class	3A
Size	3/4 in
Exterior Finish	Unfinished
Manufacturer Grade	Grade 2
Item Hardness	Grade 2
Item Weight	6.7 ounces
Product Dimensions	3.5 x 1.56 x 1.38 inches
Country Of Origin	United States

5. INSTALLATION

The Carlson H5053 Front Brake Caliper Bolt is a critical component of your vehicle's braking system. Proper installation is paramount for safety and performance. Always consult your vehicle's specific service manual for detailed instructions and torque specifications.

General Installation Steps:

1. **Prepare the Vehicle:** Park the vehicle on a level surface, engage the parking brake, and block the wheels. Loosen the lug nuts on the wheel to be serviced, then raise the vehicle and secure it with jack stands. Remove the wheel.
2. **Access the Caliper:** Locate the brake caliper. Depending on your vehicle, you may need to remove other components to gain clear access.
3. **Remove Old Bolt (if applicable):** If replacing an existing bolt, carefully remove it. Inspect the caliper and mounting bracket for any damage or wear. Clean the mounting area thoroughly.
4. **Install New Bolt:** Insert the Carlson H5053 Front Brake Caliper Bolt into its designated position. Ensure it aligns correctly with the mounting holes.
5. **Tighten to Specification:** Using a torque wrench, tighten the bolt to the vehicle manufacturer's specified torque setting. **Do not overtighten or undertighten.** Incorrect torque can lead to component failure or damage.
6. **Reassemble:** Reinstall any components removed to access the caliper. Mount the wheel, hand-tighten the lug nuts, lower the vehicle, and then torque the lug nuts to the manufacturer's specifications.
7. **Test Brakes:** Before driving, pump the brake pedal several times to ensure proper brake pressure. Test the brakes at low speed in a safe area.

6. MAINTENANCE

Regular inspection of brake system components, including caliper bolts, is crucial for vehicle safety.

- During routine brake inspections, check caliper bolts for signs of corrosion, damage, or looseness.
- If any issues are detected, replace the bolt immediately. It is generally recommended to replace caliper bolts whenever the caliper is serviced or replaced, as they are often single-use fasteners designed to stretch when torqued.
- Ensure that any rubber boots or sleeves associated with the caliper pins (if applicable) are intact and free from tears to prevent contamination.

7. TROUBLESHOOTING

Issues related to a brake caliper bolt are typically a result of improper installation or severe wear.

- **Loose Bolt:** If a caliper bolt becomes loose, it can lead to excessive caliper movement, uneven pad wear, and potentially brake failure. Re-torque the bolt to specification or replace it if threads are damaged.
- **Stripped Threads:** Overtightening can strip the threads on the bolt or in the caliper/mounting bracket. If the bolt threads are stripped, it must be replaced. If the caliper or bracket threads are stripped, repair or replacement of that component will be necessary.
- **Corrosion/Damage:** Visible corrosion or damage to the bolt indicates a need for immediate replacement.

If you suspect a problem with your brake caliper bolts or braking system, discontinue driving and have the vehicle inspected by a qualified mechanic.

8. WARRANTY INFORMATION

Warranty information for the Carlson H5053 Front Brake Caliper Bolt is not provided within this document. For details regarding product warranty, please refer to the original product packaging or contact Carlson directly through their official website or customer service channels.

9. SUPPORT

For technical assistance, product inquiries, or further support regarding the Carlson H5053 Front Brake Caliper Bolt, please visit the official Carlson website or contact their customer support department. Specific contact information is typically available on the manufacturer's website or product packaging.

© 2023 Carlson. All rights reserved.

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