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> Dorman 14008CD Front Brake Caliper Bracket Bolts Instruction Manual

## Dorman 14008CD

# Dorman 14008CD Front Brake Caliper Bracket Bolts Instruction Manual

Model: 14008CD | Brand: Dorman

## 1. PRODUCT OVERVIEW

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The Dorman 14008CD Disc Brake Caliper Bracket Mounting Bolts are direct replacement components designed to match the fit and function of original factory parts on specified vehicle models. These bolts are crucial for securely attaching the brake caliper bracket, ensuring proper brake system operation. Constructed from high-quality materials, they are engineered for long service life and reliable performance.



Image 1.1: Dorman 14008CD Front Brake Caliper Bracket Bolts. These bolts are designed for secure attachment of the brake caliper bracket.

## 2. WHAT'S IN THE BOX

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Each package of Dorman 14008CD contains the following components:

- 2 x Caliper Bracket Bolts



*Image 2.1: Detailed view of the Dorman 14008CD bolts, highlighting the threadlocker for secure installation.*

### 3. COMPATIBILITY INFORMATION

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The Dorman 14008CD Front Brake Caliper Bracket Bolts are compatible with a wide range of vehicle makes and models. Please verify fitment for your specific vehicle using the manufacturer's fitment tool or by consulting a professional. Below is a list of known compatible vehicle model years:

#### **Buick**

**Century:** 1999-2005

**LeSabre:** 2000-2005

**Lucerne:** 2006-2011

**Park Avenue:** 1999-2005

**Regal:** 1999-2004

**Riviera:** 1999

**Terraza:** 2005-2007

#### **Cadillac**

**DeVille:** 1999-2005

**DTS:** 2006-2011

**Seville:** 1999-2003

#### **Chevrolet**

**Equinox:** 2005-2006

**Impala Limited:** 2014-2016

**Impala:** 2006-2013

**Monte Carlo:** 2000-2007

**Uplander:** 2005-2008

**Venture:** 1999-2005

## Oldsmobile

**Aurora:** 1999, 2001-2003

**Intrigue:** 1999-2002

**Silhouette:** 1999-2004

## Pontiac

**Bonneville:** 2000-2005

**Grand Prix:** 1997-2008

**Montana:** 1999-2006

**Torrent:** 2006

## Saturn

**Relay:** 2005-2007

**Vue:** 2002-2007

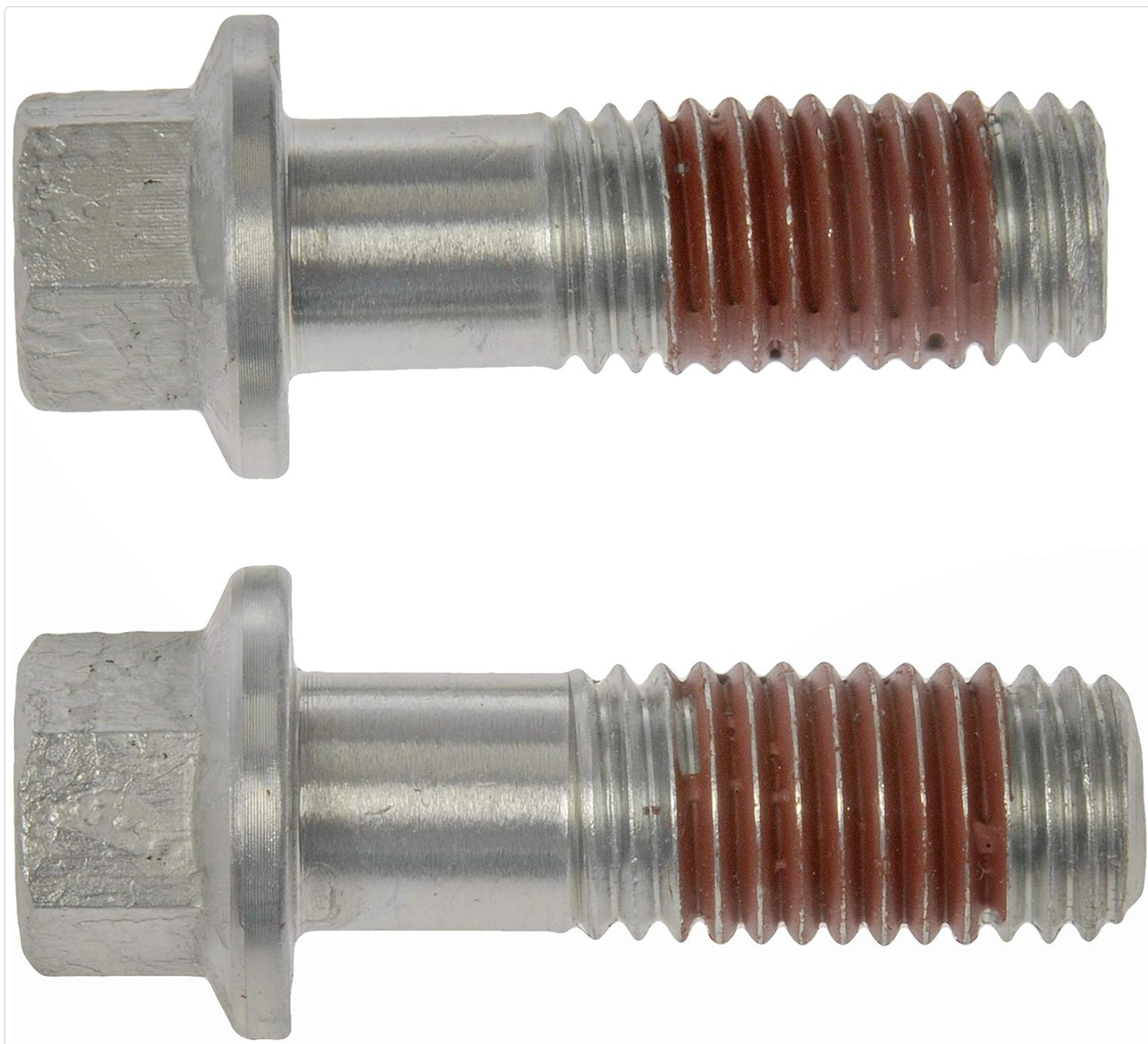
## 4. INSTALLATION GUIDELINES

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Installation of brake caliper bracket bolts should be performed by a qualified automotive technician. Improper installation can lead to brake system failure and serious injury. Always refer to your vehicle's specific service manual for detailed instructions and torque specifications.

### General Steps (Consult Service Manual for Specifics):

1. **Safety First:** Ensure the vehicle is safely lifted and supported on jack stands. Disconnect the battery if necessary.
2. **Access Brake Caliper:** Remove the wheel and gain access to the brake caliper assembly.
3. **Remove Old Bolts:** Carefully remove the old brake caliper bracket mounting bolts. Inspect the threads in the mounting holes for damage.
4. **Clean Surfaces:** Ensure all mating surfaces and bolt holes are clean and free of rust, dirt, or old threadlocker residue.
5. **Install New Bolts:** Insert the new Dorman 14008CD bolts. These bolts come with pre-applied threadlocker (red substance on threads) to ensure a secure fit and prevent loosening due to vibration. Do not add additional threadlocker unless specified by the vehicle manufacturer.
6. **Torque to Specification:** Tighten the bolts to the vehicle manufacturer's specified torque settings using a calibrated torque wrench. *Over-tightening or under-tightening can lead to component failure.*
7. **Reassemble:** Reassemble the brake components and wheel, ensuring all parts are correctly installed and secured.
8. **Test Brakes:** After installation, pump the brake pedal several times to ensure proper brake pressure is restored before driving. Perform a test drive in a safe area to confirm proper brake function.



*Image 4.1: Side profile of the bolts, illustrating the pre-applied threadlocker for secure installation.*

## 5. MAINTENANCE

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Brake caliper bracket bolts are critical safety components and generally do not require routine maintenance beyond proper installation. However, it is recommended to:

- **Periodic Inspection:** During routine brake service or tire rotations, visually inspect the bolts for any signs of loosening, corrosion, or damage.
- **Replace if Damaged:** If any damage (e.g., stripped threads, corrosion, deformation) is observed, replace the bolts immediately. Do not attempt to reuse damaged bolts.
- **Avoid Contamination:** Keep the bolts free from grease, oil, or other contaminants that could affect the threadlocker's performance or the bolt's integrity.

## 6. TROUBLESHOOTING

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Issues related to brake caliper bracket bolts are typically due to improper installation or component failure. Always consult a professional mechanic if you suspect a problem with your brake system.

Problem	Possible Cause	Solution
Bolt loosens after installation	Incorrect torque, damaged threads, improper cleaning of mating surfaces, or threadlocker not activated/damaged.	Remove bolt, inspect threads on both bolt and mounting hole. Clean thoroughly. Reinstall with new bolt (if threads are compromised) and torque to specification.
Difficulty threading bolt	Cross-threading, damaged threads in mounting hole, or debris in hole.	Do not force. Remove bolt, inspect threads and hole for damage or debris. Clean thoroughly. If threads are damaged, professional repair (e.g., re-tapping) may be required.
Brake noise or vibration after installation	Improperly secured caliper bracket, loose bolts, or other brake component issues.	Re-check bolt torque. Inspect entire brake assembly for proper seating and alignment. Consult a professional.

## 7. SPECIFICATIONS

Attribute	Detail
Part Number	14008CD
Material	Alloy Steel, Carbon Steel
Thread Size	1/2-20 UNC
Thread Type	UNC (Unified National Coarse)
Thread Style	Right Hand - Coarse UNC
Thread Class	3A
Head Style	Hex
Exterior Finish	Machined
Manufacturer Grade	Grade 2
Item Hardness	Grade 2
Maximum Shear Strength	30,000-60,000 psi
Color	Red (referring to threadlocker)
Item Weight	3.87 ounces
Product Dimensions	1.18 x 1.77 x 5.51 inches
UPC	889245216601

## 8. WARRANTY AND SUPPORT

Dorman products are backed by a team of product experts and over a century of automotive experience, ensuring trustworthy quality. For specific warranty information or technical support regarding the Dorman 14008CD Brake Caliper Bracket Bolts, please contact Dorman Products directly through their official website or customer service channels. For more information, visit the official [Dorman Store on Amazon](#).

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This manual is for informational purposes only. Always consult a qualified professional for vehicle repairs.