

cciyu 066584-5210-1440143903

cciyu D1017 Rear Ceramic Brake Pads User Manual

Model: D1017 (Set of 4)

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your cciyu D1017 Rear Ceramic Brake Pads. Adhering to these instructions will help ensure optimal braking performance and longevity of the product. For safety, brake system work should be performed by a qualified technician or an experienced individual following proper automotive repair procedures.

PRODUCT OVERVIEW

The cciyu D1017 Rear Ceramic Brake Pads are designed to provide reliable and quiet braking performance. They feature a ceramic and organic formula engineered to reduce noise and enhance braking effectiveness. Key design elements include:

- **Carbon Fiber Ceramic Friction Material:** Engineered for consistent stopping power and reduced dust.
- **Chamfered Edges:** Designed to improve brake bite and reduce noise during initial pad contact.
- **Slotted Design:** Aids in heat dissipation and prevents glazing, contributing to longer pad life.
- **Muffler Gasket:** Integrated to further minimize noise and vibration.



Figure 1: Exploded view illustrating the internal structure and components of a cciyu ceramic brake pad.

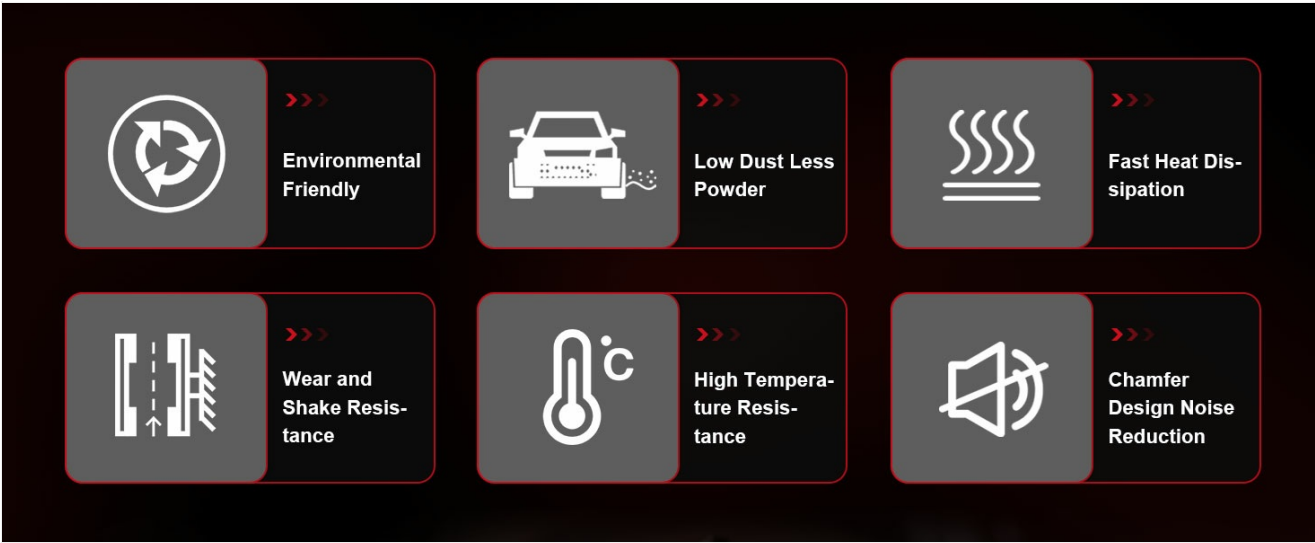


Figure 2: Detailed view of brake pad features including punching, scribing, slots, and chamfers.



Figure 3: A set of four cciyu D1017 Rear Ceramic Brake Pads.

VEHICLE COMPATIBILITY

These brake pads are compatible with a wide range of vehicles. Please verify fitment for your specific vehicle model and year before installation. Compatible vehicles include, but are not limited to:

- **Audi:** A3, A4, A4 Quattro, A6, A6 Quattro, A8 Quattro, Allroad Quattro, S4, S6, S8, TT, TT Quattro
- **Peugeot:** 405
- **Volkswagen (VW):** TYPE 1, Cabrio, Corrado, Eos, Golf (85-06, 11-16), Golf Alltrack (17-18), Golf City (07-10), Golf R (12-13), Golf SportWagen (15-18), Jetta (84-18), Jetta City (07-09), Passat (90-05), Quantum (86-88), Scirocco (86-89)

Refer to the OEM Part Numbers 309.03400, EHT1017H, D1017-7920 for cross-referencing.

SAFETY INFORMATION

Always prioritize safety when working on vehicle brake systems. Failure to follow proper safety procedures can result in serious injury or vehicle damage.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands on a level surface before beginning work.
- Never rely solely on a jack to support the vehicle.
- Consult your vehicle's service manual for specific brake system procedures and torque specifications.
- Keep brake fluid away from painted surfaces as it can damage paint.
- Dispose of old brake components and fluids responsibly according to local regulations.

INSTALLATION (SETUP)

The cciyu D1017 Rear Ceramic Brake Pads are designed for straightforward installation. This kit includes the necessary hardware for a quick replacement. For detailed, vehicle-specific instructions, always consult your vehicle's repair manual.

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 rear wheels.
2. **Lift and Secure:** Safely lift the rear of the vehicle using a jack and secure it with jack stands. Remove the rear wheels.
3. **Remove Caliper:** Locate the brake caliper. Remove the caliper guide pin bolts and carefully slide the caliper off the rotor. Do not let the caliper hang by the brake hose; support it with a wire or bungee cord.
4. **Remove Old Pads:** Remove the old brake pads from the caliper bracket. Note their orientation.
5. **Clean and Inspect:** Clean the caliper bracket and inspect the brake rotor for wear, scoring, or warping. Replace the rotor if necessary.
6. **Install New Hardware:** Install the new hardware (shims, clips) provided with your cciyu brake pads onto the caliper bracket.
7. **Compress Piston:** Use a brake caliper piston compression tool to carefully push the caliper piston(s) back into the caliper body. This creates space for the thicker new pads.
8. **Install New Pads:** Insert the new cciyu D1017 brake pads into the caliper bracket, ensuring they are correctly seated and oriented.
9. **Reinstall Caliper:** Slide the caliper back over the new pads and rotor. Reinstall and torque the caliper guide pin bolts to the manufacturer's specifications.
10. **Bleed Brakes (if necessary):** If the brake system was opened or air entered, bleed the brakes according to your vehicle's manual.
11. **Reinstall Wheels:** Reinstall the wheels and hand-tighten the lug nuts. Lower the vehicle and torque the lug nuts to specification.
12. **Pump Brake Pedal:** Before driving, slowly pump the brake pedal several times until it feels firm. This seats the pads against the rotor and restores proper pedal feel.



Figure 4: Proper installation of a brake pad into the caliper bracket.



Figure 5: Securing the brake caliper after pad installation.

OPERATION

Break-in Procedure:

New brake pads require a proper break-in period to ensure optimal performance and longevity. This process helps to transfer a thin layer of friction material to the rotor surface, which is crucial for effective braking and noise reduction.

1. Perform 10-15 moderate stops from approximately 30-40 mph down to about 5-10 mph. Avoid coming to a complete stop.
2. Allow the brakes to cool for 10-15 minutes by driving normally without heavy braking.
3. Perform 2-3 harder stops from approximately 50-60 mph down to about 10 mph. Again, avoid coming to a complete stop.
4. Allow the brakes to cool completely for at least 30 minutes.

During the break-in period and for the first few hundred miles, avoid sudden, hard braking or prolonged braking (e.g., riding the brakes downhill). You may notice a slight odor or smoke during the initial break-in, which is normal.

Normal Operation:

Once properly broken in, your cciyu ceramic brake pads should provide consistent, quiet, and effective stopping power with minimal dust production. The friction coefficient (FF) of these pads is rated at 0.35-0.45 / 0.35-0.45, indicating reliable braking even at extreme speeds and high temperatures.

MAINTENANCE

Regular inspection and timely replacement of brake pads are crucial for vehicle safety and performance.

Brake Pad Replacement Schedule:

For driving safety, it is recommended to replace the friction material if its thickness is less than 6mm. Replacement is mandatory if the thickness is less than 3mm.



High Performance Brake Pads

Enhanced friction for superior stopping, comfort, performance, and low dust for cleaner wheels



Figure 6: Visual guide for determining when brake pads require replacement.

General Maintenance Tips:

- Inspect brake pads, rotors, and calipers at least once a year or every 12,000 miles, whichever comes first.
- Check brake fluid level and condition. Replace brake fluid according to your vehicle manufacturer's recommendations.
- Listen for unusual noises (squealing, grinding) which may indicate worn pads or other brake issues.
- Observe for changes in pedal feel (spongy, hard, low pedal) or vehicle pulling during braking.



Figure 7: Regular inspection of brake components is essential.

TROUBLESHOOTING

While cciyu brake pads are designed for high performance and reliability, certain issues may arise. Here are common concerns and potential solutions:

Noise (Squealing, Grinding):

- **Squealing:** Often caused by vibration between the pad and caliper. Ensure proper installation, use of anti-

squeal shims, and application of brake lubricant on contact points (not on friction material). New pads may squeal slightly during break-in.

- **Grinding:** Typically indicates severely worn pads where the metal backing plate is contacting the rotor. Immediate inspection and replacement are required.

Vibration or Pulsation:

- Often caused by warped brake rotors. Inspect rotors for runout and replace if necessary.
- Uneven pad wear or improper break-in can also contribute to vibration.

Poor Braking Performance:

- Ensure proper break-in procedure was followed.
- Check for air in the brake lines (spongy pedal).
- Inspect for brake fluid leaks.
- Verify that the correct pads were installed for your vehicle.

If you experience persistent brake issues, it is recommended to have your vehicle inspected by a professional mechanic.

SPECIFICATIONS

Feature	Detail
Brand	cciyu
Material	Ceramic
Auto Part Position	Rear
Vehicle Service Type	All of the above (refer to compatibility list)
Specification Met	OEM
OEM Part Number	309.03400, EHT1017H, D1017-7920
Number of Items	1 (Set of 4 pads)
Model	cciyu Disc Brake Pads [Set of 4]
Product Dimensions	5.91 x 4.53 x 2.76 inches
Item Model Number	066584-5210-1440143903
Special Features	Custom-Matched Components, Easy Installation, Exceed OEM Specification, Virtually No Noise Braking

WARRANTY AND SUPPORT

Warranty Information:

For specific warranty terms and conditions related to your cciyu D1017 Rear Ceramic Brake Pads, please refer to

the documentation included with your purchase or contact the seller directly. Warranty coverage typically addresses manufacturing defects.

Customer Support:

Should you have any questions regarding the installation, operation, or performance of your cciyu brake pads, please contact cciyu customer service. Our professional customer service team is available to assist you.

You can typically find contact information on the product packaging or through the retailer where the product was purchased.