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› TRQ Front Brake Pad & Rotor Kit Instruction Manual

## TRQ BKA21823

# TRQ Front Brake Pad & Rotor Kit Instruction Manual

Model: BKA21823

## 1. PRODUCT OVERVIEW

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This manual provides essential information for the installation, operation, and maintenance of your TRQ Front Brake Pad & Rotor Kit. This kit is designed to restore your vehicle's brake system to like-new performance with high-quality components.

The TRQ brake kits feature positive molded brake pads for less dust, electrostatic coated rotors for rust protection, and G3000 casting alloy for reduced noise and improved wear resistance. All components are application-specific for extended service life without modifications.



Image: Complete TRQ Front Brake Pad & Rotor Kit, including brake pads, rotors, wear sensors, brake fluid, and brake cleaner, displayed with its packaging.

## 2. KIT CONTENTS

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Your TRQ Front Brake Pad & Rotor Kit (Model BKA21823) includes the following components:

- (1) Front Ceramic Brake Pad Set with Contact Point Grease & Hardware
- (1) 13 oz Non-Chlorinated 50 State Formula Brake Cleaner
- (1) 12 oz DOT 3 & 4 Brake Fluid
- (2) Front Brake Pad Wear Sensors
- (2) Front Premium G-Coated Performance Brake Rotors



Image: All individual components of the TRQ brake kit laid out, including two rotors, brake pads, brake fluid, brake cleaner, and two wear sensors.

### 3. VEHICLE COMPATIBILITY

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This brake kit is designed for specific BMW models. It is crucial to verify compatibility with your vehicle before installation. Refer to the detailed fitment information below:

- Compatible with: 2007-09 BMW 335i Front Ceramic Premium G-Coated Performance Brake Pad & Rotor Kit
- Compatible with: 2010-12 BMW 335i xDrive Front Ceramic Premium G-Coated Performance Brake Pad & Rotor Kit
- Compatible with: 2013 BMW 335i xDrive Coupe Front Ceramic Premium G-Coated Performance Brake Pad & Rotor Kit
- Compatible with: 2010 BMW 335i To 2/28/10 Production Date Front Ceramic Premium G-Coated Performance Brake Pad & Rotor Kit
- Compatible with: 2010 BMW 335d To 2/28/10 Production Date Front Ceramic Premium G-Coated Performance Brake Pad & Rotor Kit
- Compatible with: 2009 BMW 335d Front Ceramic Premium G-Coated Performance Brake Pad & Rotor Kit

Always cross-reference the part numbers and vehicle specifications to ensure proper fitment.



Image: A graphic emphasizing the importance of verifying fitment before ordering to ensure compatibility with your vehicle.

## 4. INSTALLATION GUIDELINES

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Installation of brake components requires mechanical expertise and specialized tools. It is highly recommended that installation be performed by a qualified professional. Improper installation can lead to brake system failure, serious injury, or death.

### 4.1 General Installation Steps (Consult a professional or detailed service manual for your specific vehicle)

1. **Safety First:** Park the vehicle on a level surface, engage the parking brake, and block the wheels. Lift the vehicle using a hydraulic jack and secure it with jack stands.
2. **Wheel Removal:** Remove the lug nuts and the wheel from the axle.
3. **Brake Caliper Removal:** Carefully remove the brake caliper bolts and 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. **Rotor Removal:** Remove any retaining screws or clips, then slide the old brake rotor off the hub.
5. **Hub Cleaning:** Clean the wheel hub surface thoroughly to ensure the new rotor sits flush.
6. **New Rotor Installation:** Install the new TRQ G-Coated Performance Brake Rotor onto the hub. Ensure proper orientation for slotted/drilled rotors (refer to diagram below).
7. **Brake Pad Replacement:** Remove the old brake pads from the caliper bracket. Install the new TRQ Ceramic Brake Pads, ensuring the shims and hardware are correctly seated. Apply contact point grease as provided.
8. **Wear Sensor Installation:** Install the new brake pad wear sensors. These sensors alert you when brake pads are worn.
9. **Caliper Reinstallation:** Carefully compress the caliper piston (if necessary) and reinstall the caliper over the new pads and rotor. Tighten caliper bolts to manufacturer specifications.
10. **Brake Fluid Check/Bleed:** Check the brake fluid level. If replacing fluid, bleed the brake system according to your vehicle's service manual. Use the provided DOT 3 & 4 brake fluid.

11. **Final Assembly:** Reinstall the wheel and lug nuts. Lower the vehicle.
12. **Bedding-In Procedure:** Follow the manufacturer's recommended bedding-in procedure for new brake pads and rotors to ensure optimal performance and longevity. This typically involves a series of moderate stops from varying speeds.

## 4.2 Brake Rotor Rotation

TRQ Performance Brake Rotors with a directional vane design need to be installed with the vanes sweeping back towards the rear of the car (unless specified otherwise by the vehicle's manufacturer). This ensures proper cooling and performance.

# Performance Brake Rotor Rotation



Driver Side



Passenger Side



Straight Vane



Directional Vane

Rotors with a directional vane design need to be installed with the vanes sweeping back towards the rear of the car (unless specified otherwise by the vehicle's manufacturer).

\*General imgs. Not Actual Parts

Image: Visual guide for Performance Brake Rotor Rotation, illustrating correct installation for both driver and passenger sides with directional and straight vanes.



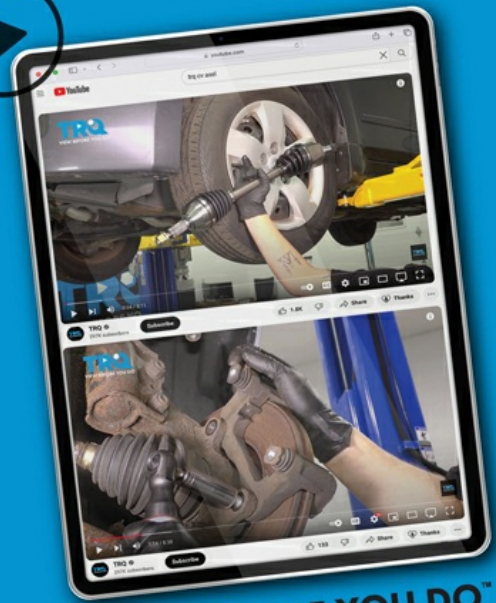
**INSTALLATION  
VIDEOS INCLUDED  
WITH EVERY PART**



**INDUSTRY LEADING  
REPAIR AND MAINTENANCE  
BUNDLES**



**MECHANIC'S  
PREFERRED CHOICE**



**VIEW BEFORE YOU DO™**

Image: A graphic indicating that TRQ provides installation videos for their parts, showing a tablet displaying a YouTube video of a brake installation.

TRQ provides detailed installation videos for many of their parts. It is highly recommended to consult these resources or a professional mechanic for specific installation procedures for your vehicle model.

## 5. OPERATING YOUR BRAKE SYSTEM

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After installation, ensure the brake pedal feels firm before driving. Pump the brake pedal several times to build pressure. Drive cautiously for the first few miles, avoiding hard braking, to allow the new pads and rotors to seat properly. The bedding-in process is crucial for optimal performance and longevity of your new brake components.

### 5.1 Bedding-In Procedure

A proper bedding-in procedure helps transfer a thin layer of brake pad material onto the rotor surface, which is essential for optimal braking performance and reduced noise. While specific procedures may vary, a common method involves:

1. Perform 8-10 stops from 40 mph down to 10 mph, allowing for a short cool-down period between stops. Do not come to a complete stop.
2. After these stops, drive for several miles without heavy braking to allow the brakes to cool down completely.
3. Avoid hard braking or emergency stops for the first 200-300 miles after installation.

## 6. MAINTENANCE AND CARE

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Regular inspection and maintenance of your brake system are vital for safety and performance. It is recommended to have your brakes inspected by a qualified mechanic at least once a year or every 12,000 miles, whichever comes first.

- **Brake Pad Wear:** The included wear sensors will alert you when pads are critically low. However, visually inspect pads for wear during tire rotations or other service.
- **Rotor Condition:** Check rotors for excessive scoring, warping, or cracking. The G-Coated finish provides rust protection, but severe conditions can still affect them.

- **Brake Fluid:** Regularly check brake fluid level and condition. Brake fluid should be clear and free of contaminants. Replace fluid according to your vehicle manufacturer's recommendations.
- **Brake Cleaner:** Use the provided non-chlorinated brake cleaner to remove dust and debris from brake components during service.



Image: A close-up view of the brake pad wear sensor, a component that indicates when brake pads need replacement.

## 7. TROUBLESHOOTING COMMON ISSUES

If you experience any issues with your brake system after installation, consider the following common problems and potential causes. Always consult a qualified mechanic for diagnosis and repair.

Symptom	Potential Cause
Squealing/Grinding Noise	New pads bedding in, worn pads (wear sensor activated), improper installation, foreign object, glazed pads/rotors.
Vibration/Pulsation during Braking	Rotor run-out (warping), uneven pad transfer, improper lug nut torque.
Soft or Spongy Brake Pedal	Air in the brake lines, low brake fluid, brake fluid leak.
Reduced Braking Performance	Improper bedding-in, contaminated pads, worn components, brake fluid issues.

If you are unsure about the cause of a brake issue, do not continue driving the vehicle. Seek professional assistance immediately.

## 8. PRODUCT SPECIFICATIONS

Attribute	Detail
Brand	TRQ
Model	TRQ BKA21823 Ceramic Performance Brake Pad & Rotor Kit
Item Model Number	BKA21823
UPC	195591218238
Vehicle Service Type	Car
Automotive Fit Type	Vehicle Specific Fit
Grade Type	Performance
Surface Type	Slotted X Drilled
Brake Pad Friction Material	Ceramic
Chemical Specifications	Dot 3 & 4
Brake Rotor Coating	Premium G-Coated
Item Weight	59.2 pounds
Product Dimensions	14 x 18 x 7 inches
Manufacturer Part Number	BKA21823

## 9. WARRANTY AND SUPPORT

TRQ products are designed for Trusted Reliable Quality. While specific warranty details are not provided in this manual,

TRQ generally stands behind its products. For warranty claims, technical support, or any product-related inquiries, please contact TRQ customer support directly.

You may also refer to the TRQ store on Amazon for additional information and support resources:

**[Visit the Official TRQ Store on Amazon](#)**

Please retain your proof of purchase for any warranty or return inquiries. This product is eligible for 30-day easy returns through Amazon.



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