



Rear Brake Rotor Upgrade Kit, 8J Audi TTRS to C5 Audi RS6 Rotors



The installation of your 034Motorsport Rear Brake Rotor Upgrade Kit for the Audi TTRS is an involved process that will take a few hours to complete. Professional installation is recommended.

Supplied Parts:

- C5 Audi RS6 Rear Brake Rotor Pair
- Black Anodized Rotor Centering Rings
- CNC Machined Steel Brake Caliper Carrier Adapters (Zinc Plated)
- ARP 8740 Bolts (Pair)
- Clearanced ARP 8740 Bolts (Pair)
- 28x3 O-Rings for Brake Line Relocation (Pair)

Tools Needed:

- Hands (Opposable Thumbs Required)
- Various Metric Sockets and Wrench
- Various Metric Wrenches
- 14mm Triple Square
- T30 Torx
- Brake Caliper Piston Tool
- Masking Tape or Marker (If modifying brake shields.)
- Cutting Wheel (If modifying brake shields.)
- Hammer or Mallet (If modifying brake shields.)

Please Note: These installation instructions are pictured on the driver side of the car. The procedure is the same for both sides. If you plan on modifying your own brake shields instead of removing them or buying pre-modified ones from 034Motorsport, make sure to read the section titled **Modifying Factory Brake Shields for Clearance** at the end of this document.

Step 1 – With the vehicle raised securely on jackstands or a lift, remove the rear wheels.

Step 2 – Remove rear brake caliper to carrier bolts using a 13mm and 15mm wrench/socket.



Step 3 – Remove the T30 screw holding the factory parking brake clip to the rear trailing arm. Move the caliper out of the way, and secure using a bungee cord if needed.



Step 4 – Using a 14mm triple square, remove the caliper carrier bolts, and remove the brake caliper carrier.



Step 5 – Remove the T30 set screw for the rear brake rotor, and remove the factory rotor.



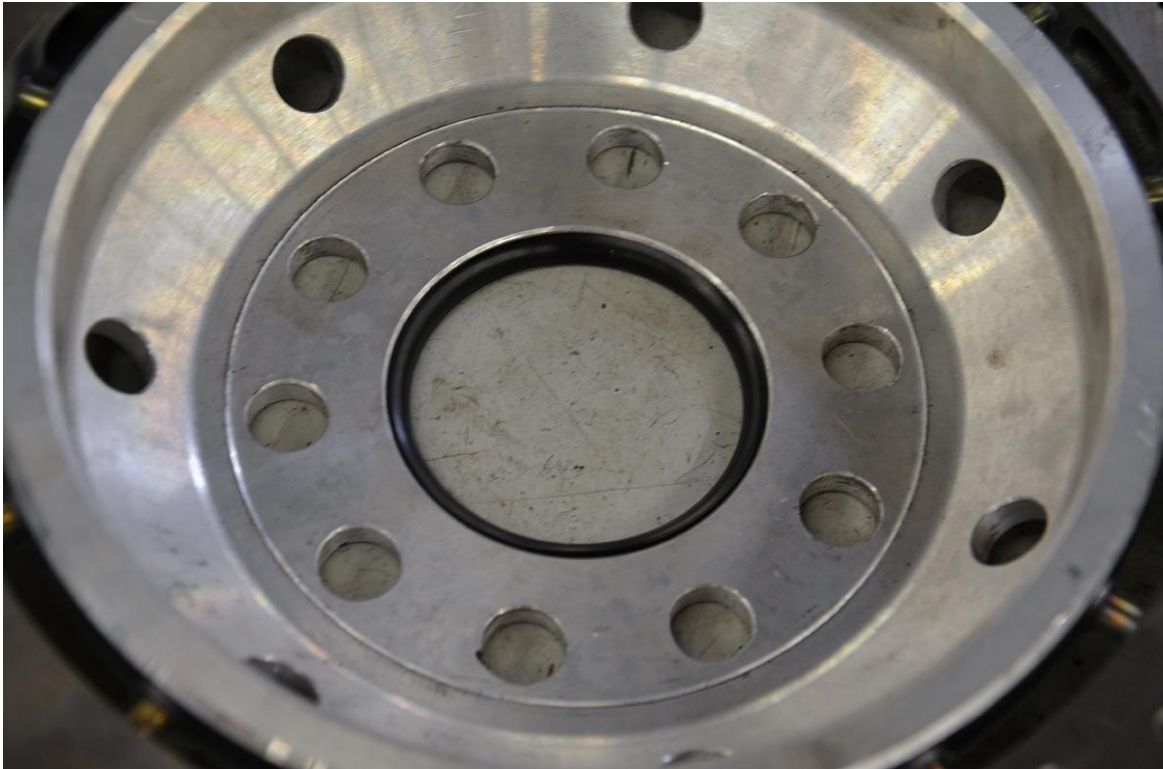
Step 6 – Remove the four T30 screws securing the factory brake shield. If you are planning on modifying your existing brake shields, please skip to the section titled **Modifying Factory Brake Shields for Clearance** at the end of this document.



Step 7 – If you are removing the brake shields, then skip this step. Otherwise, install the modified factory brake shield with the four T30 screws.

Step 8 – Install the supplied centering ring into the factory rotor, then install the rotor onto the vehicle. The set screw is no longer used with the RS6 rear brake rotor.

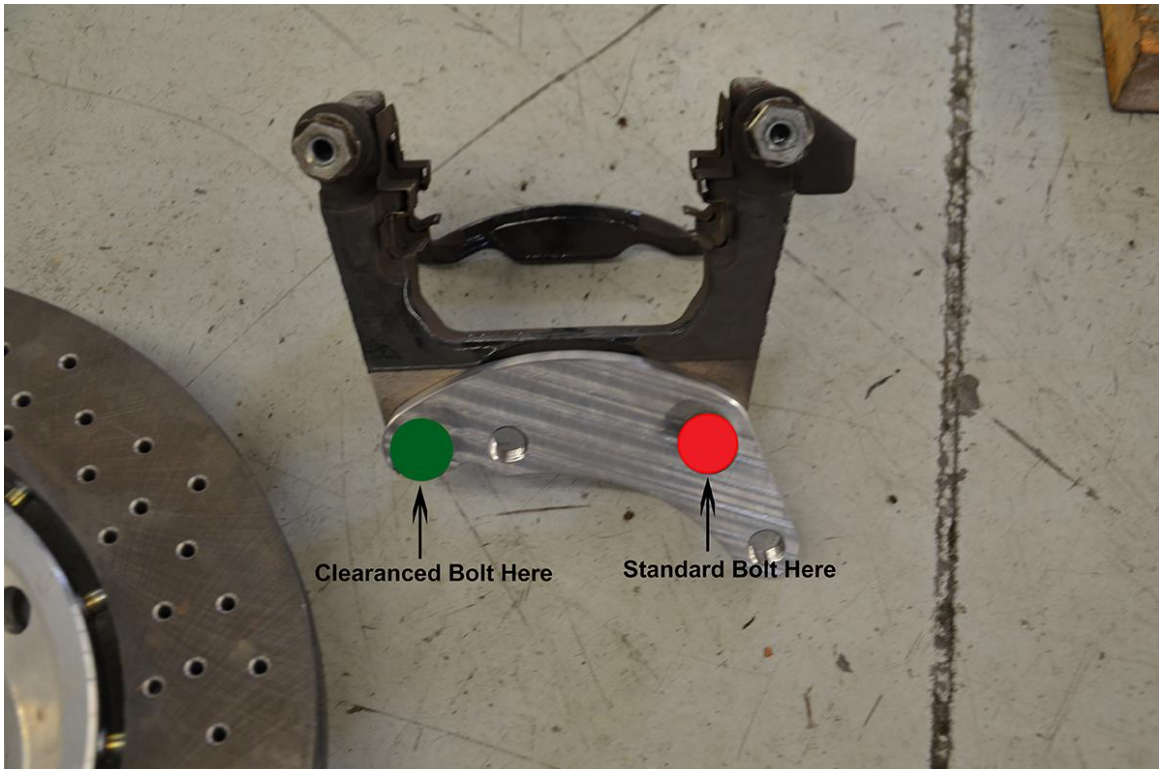




Step 9 – If you are using a modified brake shield, verify clearance between the brake shield and brake rotor.



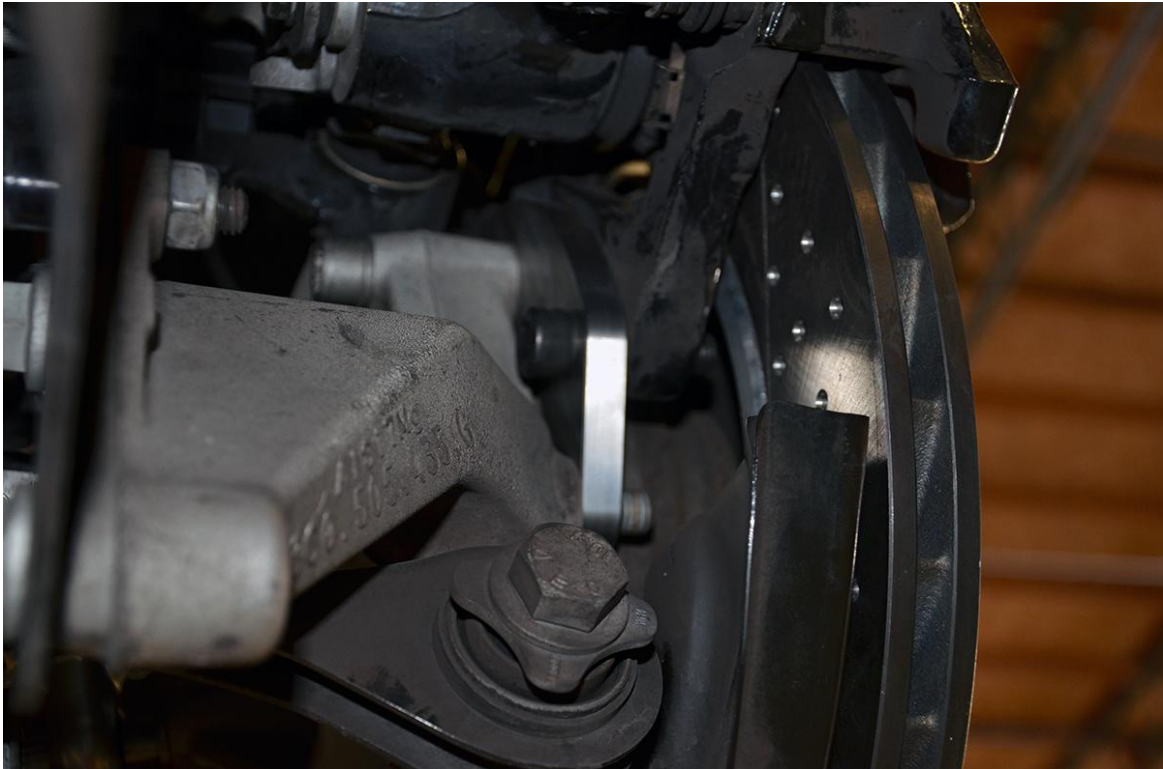
Step 10 – Install the provided brake caliper carrier adapters using the supplied ARP bolts. The image below illustrates the location of the cleared and standard ARP bolts.



Step 11 – Reverse the bolt through the upper control arm so that the bolt head and washer are towards front of car, and nut is toward the back. This allows additional clearance for the caliper.



Step 12 – Install the brake caliper carrier and adapter using the factory 14mm triple square bolts.



Step 13 – Unhook the parking brake cable from the middle hanger and secure using the supplied 28x3 o-ring as pictured below.



Step 14 – Slide the parking brake clip from Step 3 back 1 inch to remove tension from the parking brake cable, and secure to trailing arm with T30 screw.



Step 15 – Reinstall the caliper and brake pads. You may need to use a brake caliper piston tool to retract the piston before installation.





Modifying Factory Brake Shields for Clearance

Step 1 – Mark the factory brake shield as pictured below, and cut.



Step 2 – The outer edge of the brake shields must be bent back slightly to provide enough clearance for the RS6 rotors. This can be accomplished by setting the shield on a small round surface, and tapping around the outer edge of the brake shield to bend it back slightly.

Step 3 – Verify clearance between the rotor and brake shield before installing the rotor.

