

Changing Brake Pads on Your Porsche

**A Photo Journal for Enthusiasts
by Daniel Wambold**

Step 1: Chock the Wheel

- **Chock the opposite rear wheel.**
- **Put the parking brake on fully.**
- **Put the car in gear (reverse) if it's a manual. Otherwise, put it in park.**
- **Remove key from ignition.**



Step 2: Loosen Lugs

- **Loosen lug bolts 1/2 turn.**
- **Be sure to use proper sequence (every other bolt).**
- **Do NOT remove bolts yet.**



Step 3: Raise Car

- **Place jack at jack point.**
- **Avoid the brake lines and drainage tubes!**
- **Raise the car until the wheel is about 1 inch off the ground.**



Step 4: Install Hanger

- **Remove one bolt completely and replace it with a wheel hanger bolt.**
- **Remove second bolt (not adjacent) completely and replace it with a wheel hanger bolt.**
- **Remove other bolts.**



Step 5: Remove Wheel

- **Gently remove wheel and place it aside.**
- **No need to remove wheel hanger bolts if you don't want to.**
- **Inspect disc for wear.**



Step 6a: Remove Bolt

- **Remove the retaining bolt.**
- **Use a 13mm socket to loosen screw. Leave screw in place for now.**
- **Use manual pressure to compress the bracket while pushing the bolt through.**



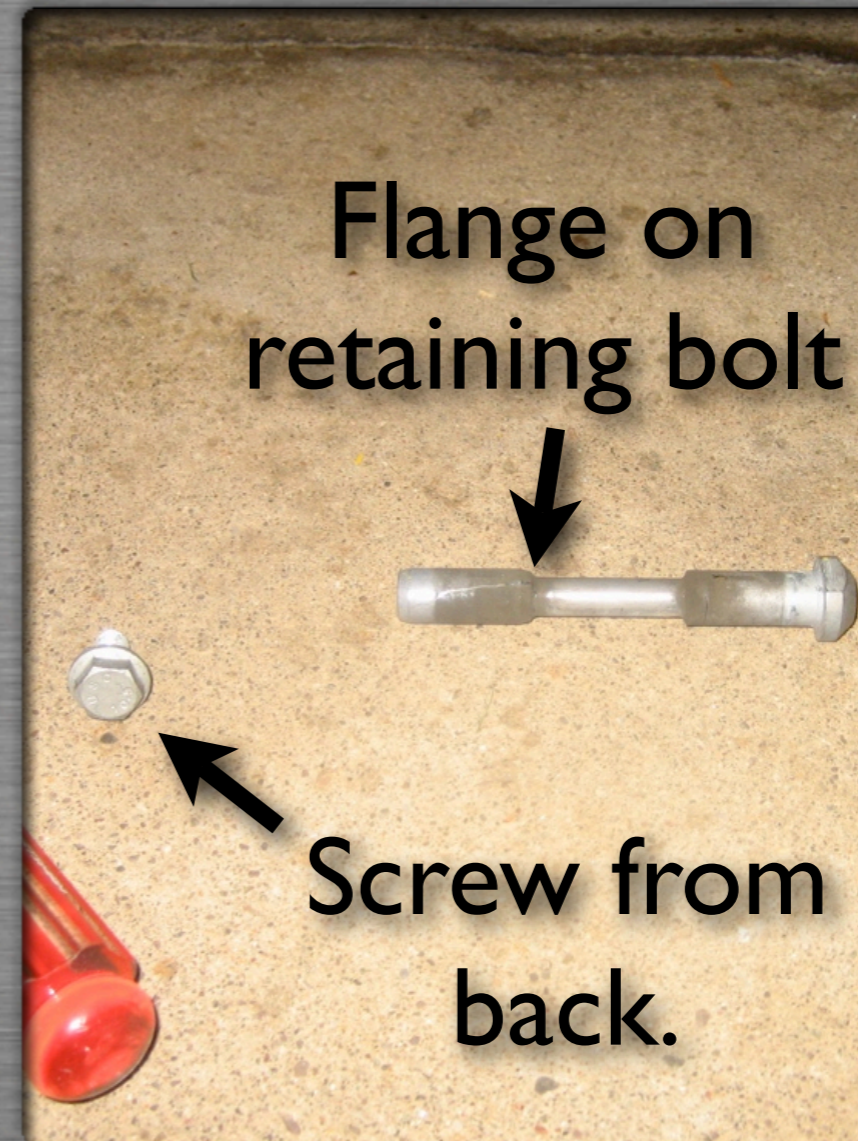
Step 6b: Remove Bolt

- **Compress the retaining bracket.**
- **Use SOFT tools like your hand or a plastic tool.**
- **This takes a lot of pressure and work. BE CAREFUL NOT TO DAMAGE THE DISC OR THE CALIPER!**



Step 6c: Remove Bolt

- **Once bolt advances past the flange, remove the screw from the back.**
- **Continue manual compression while removing bolt completely.**



Step 7: Compress Pads

- **The pistons must be pushed back into the calipers to make room for the new (thicker) pads.**
- **Protect the calipers with a thick cloth.**
- **Apply even, slow pressure: You're pushing brake fluid back to the reservoir.**



Step 8: Remove Sensors

- **Wear sensors are attached to BOTH pads.**
- **Remove them gently by pulling them out of the pad. You can use a pliers or a flat screwdriver judiciously to pry them out. Retain metal clips!**
- **Remove the wire from the back of the caliper by sliding it through the notch.**



Notch, as
seen from
inside.

Step 9: Insert Pads

- **Insert the new pads by sliding them into place.**
- **Put the inside pad in first, then attach its wear sensor. (Slide it in the slot in the pad until the bracket is flush with the pad.)**
- **Replace the sensor wire in notch.**
- **Insert outside pad & sensor.**
- **Replace bracket & bolt, using compression and gentle tapping.**

Step 10: Align Bolt

- **BEFORE tightening retaining screw, ensure that bolt is properly rotated.**
- **Use a pliers to rotate bolt head if necessary.**
- **Tighten screw to lock bolt in place.**



Step 11: Replace Wheel

- **Replace wheel gently.**
- **Insert lug bolts in proper sequence. Remove hangers after 3 bolts in place.**
- **Once hand-tight, lower car from jack.**
- **Torque lugs bolts to specified force. (130 N-M on this car.)**



Step 12: Test & Bed

- **Test brakes GENTLY.**
- **Bed pads as needed by using brakes gently for first 100 miles or so.**
- **Enjoy the feeling of accomplishment!**