

# A U T O T E C H

*sport tuning*

## Installation Instructions

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**PART NUMBER:** 10.698.005K, 10.698.007K;

**DESCRIPTION:** 256mm(10.1")/280mm(11") Brake Conversion for Golf2/Jetta2

### PARTS LIST:

1. (2) brake discs
  2. left brake caliper
  3. right brake caliper
  4. (2) caliper carriers
  5. left bearing housing
  6. right bearing housing
  7. (1) sport master cylinder
  8. (1) set of Mintex brake pads
  9. (4) M12 caliper bolts
  10. (2) wheel bearing kits
  11. (4) M8x20 bolts
  12. (2) splash shields
1. With the car on the ground, loosen the front axle nuts. These are set with very high torque, so having a friend help by pressing firmly on the brake pedal will help.
  2. Place the front of the car on jackstands. Be sure to block the rear wheels so that the car will not roll.
  3. Remove the front wheels.
  4. Using either a 6 or 7mm allen wrench or hex driver, unbolt the standard brake calipers from the vehicle.
  5. Using a large phillips screwdriver(#2), remove the set screw that holds the brake disc to the hub. Be carefull not to strip the screw as it may be rusted and difficult to turn. If available, use an impact driver to remove this screw.
  6. Remove the brake disc and unbolt the strut from the bearing housing.
  7. Remove the tie rod end from the arm of the bearing housing.
  8. Unbolt the lower ball joint from the a-arm and remove the bearing housing. Ball joints '88 and up cars can be reused if in good condition. Otherwise a new ball joint from an '88 and newer car must be used to replace your old one.
  9. Press the new wheel bearings into the new bearing housings, making sure that the circlips are properly seated in their grooves. Press in new hubs, or reuse your original ones if your car is '88 or newer.

10. Insert the ball joint into the new bearing housings and attach the housing and ball joint to the a-arm.
11. Attach the bearing housing to the strut and tie rod end.
12. After cleaning each disc with a proper chemical brake cleaner, attach new brake disc to the hub.
13. Bolt the new caliper carrier to the bearing housing using the new 12mm bolts provided. Torque to 92 ft lbs.
14. Install the brake pads into the carriers.
15. Install left and right caliper to their respective carriers. This is most easily accomplished by inserting one of the two M8x20 bolts loosely and then "swing" the caliper into position. **Make sure to use loctite on these bolts!** Spring tension from the pads will require you to press firmly in order to line up the second bolt. Once these bolts are in, torque to 26 ft/lbs.
16. **Do not forget to tighten and properly torque the axle nut!**
17. Repeat this process for the second side of the car.

**Master cylinder installation:**

Please refer to your Bently repair manual for proper installation procedures. This master cylinder is a direct replacement for the stock part, requiring no different installation process.

Be sure to heed pad break-in procedures to ensure long pad life, otherwise pads will become glazed and will suffer short pad life.