



1. Put the car into gear or park and apply the hand brake, loosen the front wheel nuts on one side, raise the vehicle on a trolley or bottle jack under the axle and then support the vehicle with an axle stand under the axle. It's easier and safer to do this job one side at a time.
2. Remove the front wheel.
3. Use one spanner to hold the guide pin, and unscrew and remove the guide pin bolt.
4. Unbolt the callipers and swing them free, then remove the clips holding the brake pads in place and remove the brake pads from their mounting bracket.
5. Thoroughly clean the brake calliper pistons.
6. Carefully lever the brake calliper pistons back into the calliper; special tools are available for this, make sure the lid is off the brake fluid reservoir and you monitor the level to avoid spillage and also be very careful not to damage the seals on the brake calliper piston when pushing them back in.
7. Undo the two bolts that secure the calliper carrier to the hub.
8. Undo the grub screw that secures the disc to the hub and then remove the old disc, a tap from a soft faced hammer may be required.
9. Clean the surface of the hub and fit the new disc, replace the grub screw and tighten.
10. Re-fit the calliper carrier and tighten the two securing bolts to manufacturers recommended torque settings.
11. Re-fit the brake pads into the calliper, new brake pads are always recommended when fitting new discs.
12. Re-fit the calliper over the brake disc and re-fit the guide pin bolts and fully tighten to manufacturers recommended torque settings.
13. Refit the wheel
14. Lower the car off of the axle stands and jack
15. Tighten the wheel nuts to the manufacturers recommended torque settings
16. Gently apply pressure to the brake pedal to push the brake calliper pistons out to meet the back of the new pads.
17. Check the brake fluid reservoir level.
18. Carry out the same process on the other side of the car.
19. Check the brake fluid reservoir level and top up if required.

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## **NOTE!**

Care must be taken the first time the car is driven with new discs and or pads as some amount of time will be needed to bed them in and fast speeds and heavy braking must be avoided!

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