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Front Brake Pads Replacement DIY Guide

Hi All,

I thought it would be a good idea to share this guide with you, so you can save yourself a bit of time and money by replacing the front brake pads yourself instead of paying around \$50-\$75 minimum to the dealer or a mechanic.

Required Tools:

1. 14" spanner or 14" socket.
2. Car jack
3. An old rag
4. And of course your new brake pads

Estimated time to complete the job:

30 minutes maximum per wheel (including taking the front wheels off and putting them back on)

The job:

1. Jack your car up and remove the wheels. (Standard procedure) ☺
2. You should now see the brake pads housing in front of you



3. Standing near the wheel and facing the brake drum, you will notice two bolts that have a rubber attachment



4. Loosen the top one and unbolt the bottom one and take it off, once you've taken the bottom bolt off, tilt the housing upwards.



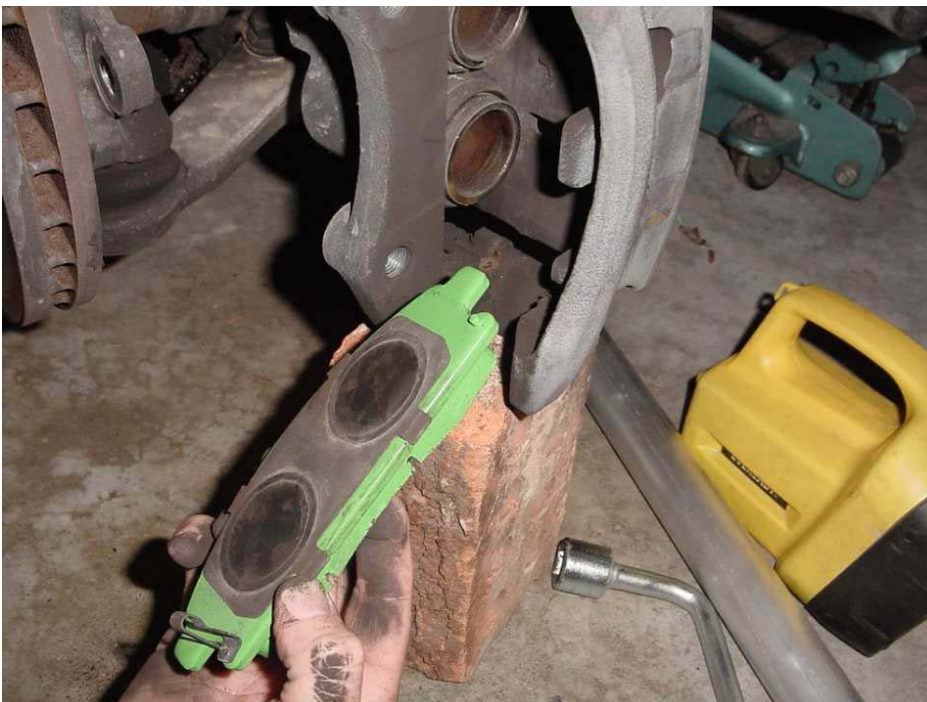
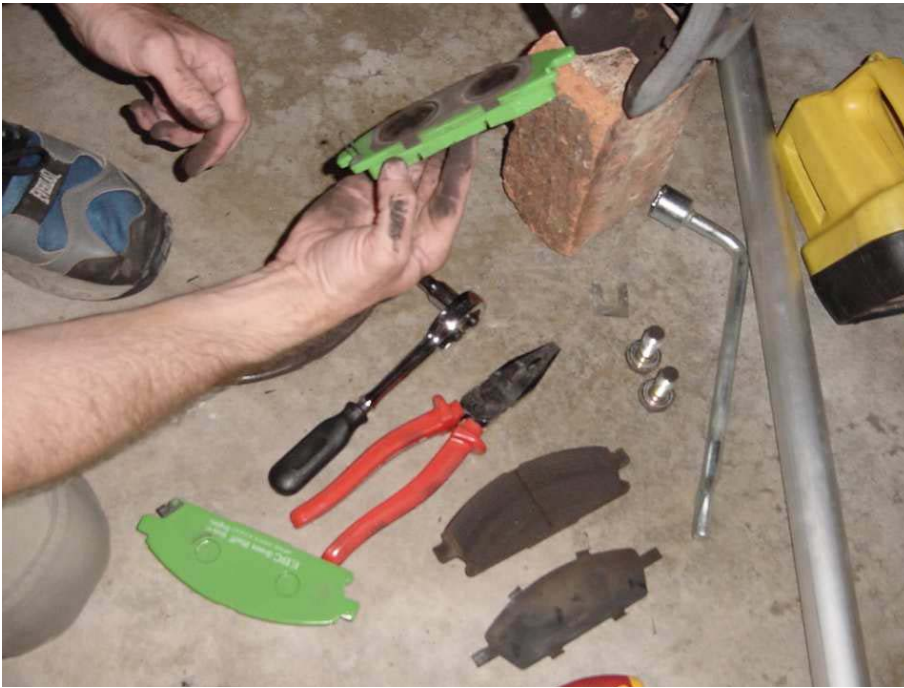
5. You should now see the brake pistons sticking-out a bit (we'll fix this problem later) ☹



6. Remove the old brake pads by pulling them towards you, they would come-off pretty easily. Ensure that you remove the metal shims that are attached to the existing pads, as these will be re-used with your new set.



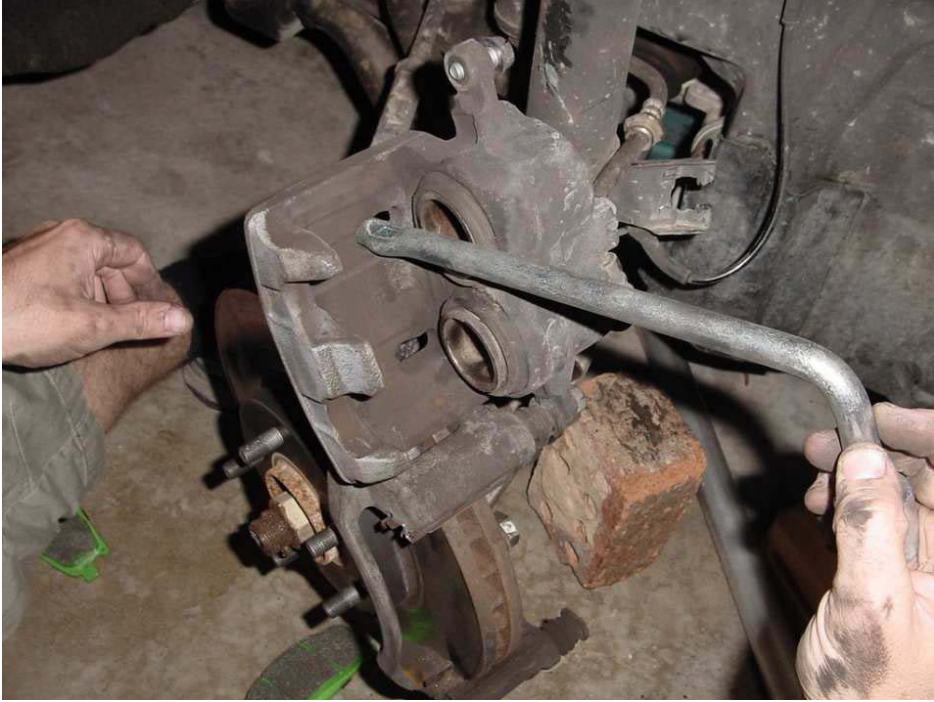
7. Place the old metal shims over the new brake pads



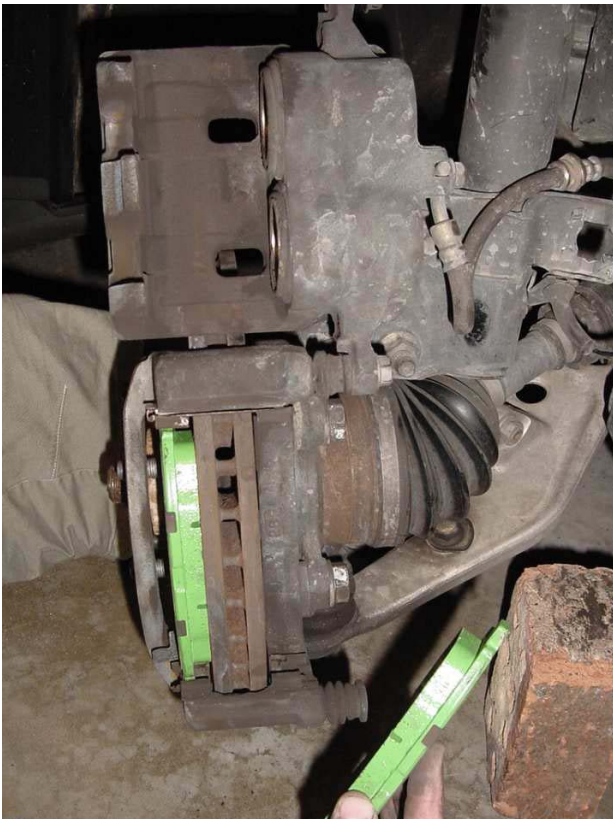
8. It is now time to address those sticking brake pistons problem I told you about earlier. Use the wheel spanner and jam it into the opening in the brake drum/housing and the piston. Before you do that it is a good idea to take the cover of the brake fluid compartment off and cover it with an

old rag, so while you're pushing the piston back any excess brake fluid does not spill over your engine compartment or your car (which could cause damage to the paintwork)





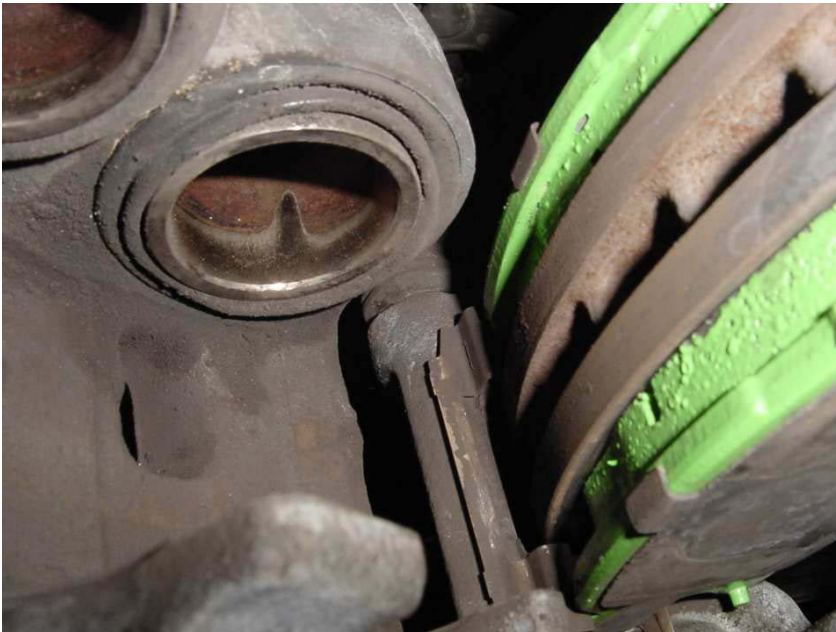
9. Slot the new brake pads in. They should go in with no problems.





10. It is time now to lower the piston housing onto the brake pads. While you're doing that ensure that the rubber surrounding the pistons does not rub against the metal shims when you're putting them into place, if you feel that they'll rub, try to push the piston further inside





11. Tighten those two bolts back following the recommended torque wrench settings below and you're done! ☺ how easy was that?

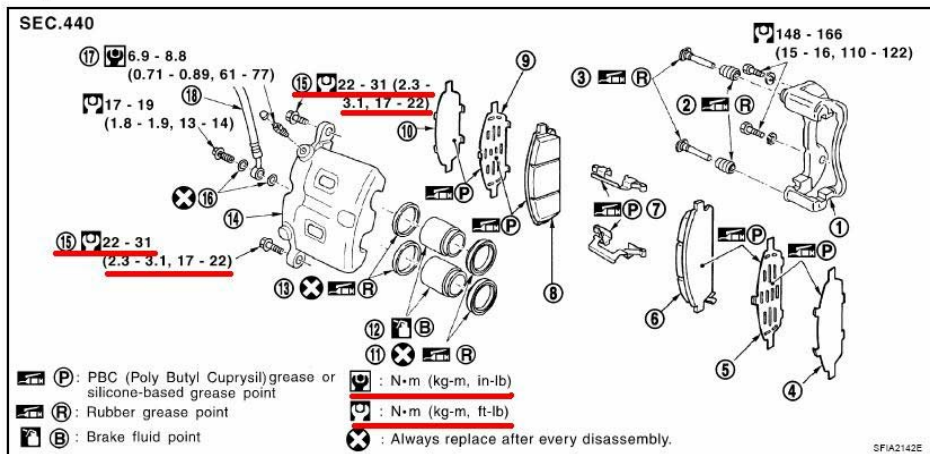
FRONT DISC BRAKE

FRONT DISC BRAKE

FPF:41000

Component

EP5000CG



- | | | |
|----------------------|-------------------|---------------------------|
| 1. Torque member | 2. Slid pin boot | 3. Slid pin |
| 4. Outer shim cover | 5. Outer shim | 6. Outer pad |
| 7. Pad retainer | 8. Inner pad | 9. Inner shim |
| 10. Inner shim cover | 11. Piston boots | 12. Piston |
| 13. piston seal | 14. Cylinder body | 15. Slid pin bolt |
| 16. Copper washer | 17. Bleed valve | 18. Brake hose union bolt |

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12. Place the wheels back, lower the jack and take your Exy for a test drive, be sure to test the brake by pressing the brake pedal a couple of time before you take off! Also refer to the instructions that came with the brake pads for information regarding the break-in period.

Guide made by Jalal & Rich