

Brake Caliper Rebuild

Republished from: <http://www.2kgt.com>

When using the PBR brakes for racing the dust boots tend to melt pretty quick. This can lead to a leaky caliper and damaged seals. If this is left alone it can lead to damaged pistons and calipers. Ford offers brake caliper rebuild kits. The kit contains 2 piston seals, 2 dust boots, a new rubber bleeder cap and a new washer and clip. The install is pretty easy.

1) Remove Caliper from car, disconnect brake line and remove the pads.



2) Place something 'soft' between the piston and inside of the caliper, like a few towels.



3) Using compressed air, blow it into the brake line hole, this will push the pistons out.

3a) You may have to reinsert one of the calipers to get the other out, just keep blowing air in there, it will pop out, DON'T put your finger in front of the piston when they pop out, they pop out quick!



4) Remove the dust boots and inner rubber seal, you can use a small tweezers to help get them out.

5) Wash everything down w/ alcohol or brake cleaner, scrub them with a soft brush good then let them soak.



6) Blow dry pistons and calipers with compressed air.



7) Lube the new piston seals with brake fluid.



- 8) Reinsert seals just keep pushing them around until they set in the groove.
- 9) Reinsert pistons with new dust boots, a little pressure should push them right back into place.



- 10) Reinstall caliper with the new hardware and hookup the lines.
- 11) Bleed your brakes and cover the bleeder screw with the new dirt cover



This will take about 30 min MAX to rebuild both. You should inspect the caliper and pistons for scarring where fluid could leak out of, if there are any major ones you will probably have to replace the caliper.