How to service bottom brackets

How to clean and re-grease bottom bracket bearings

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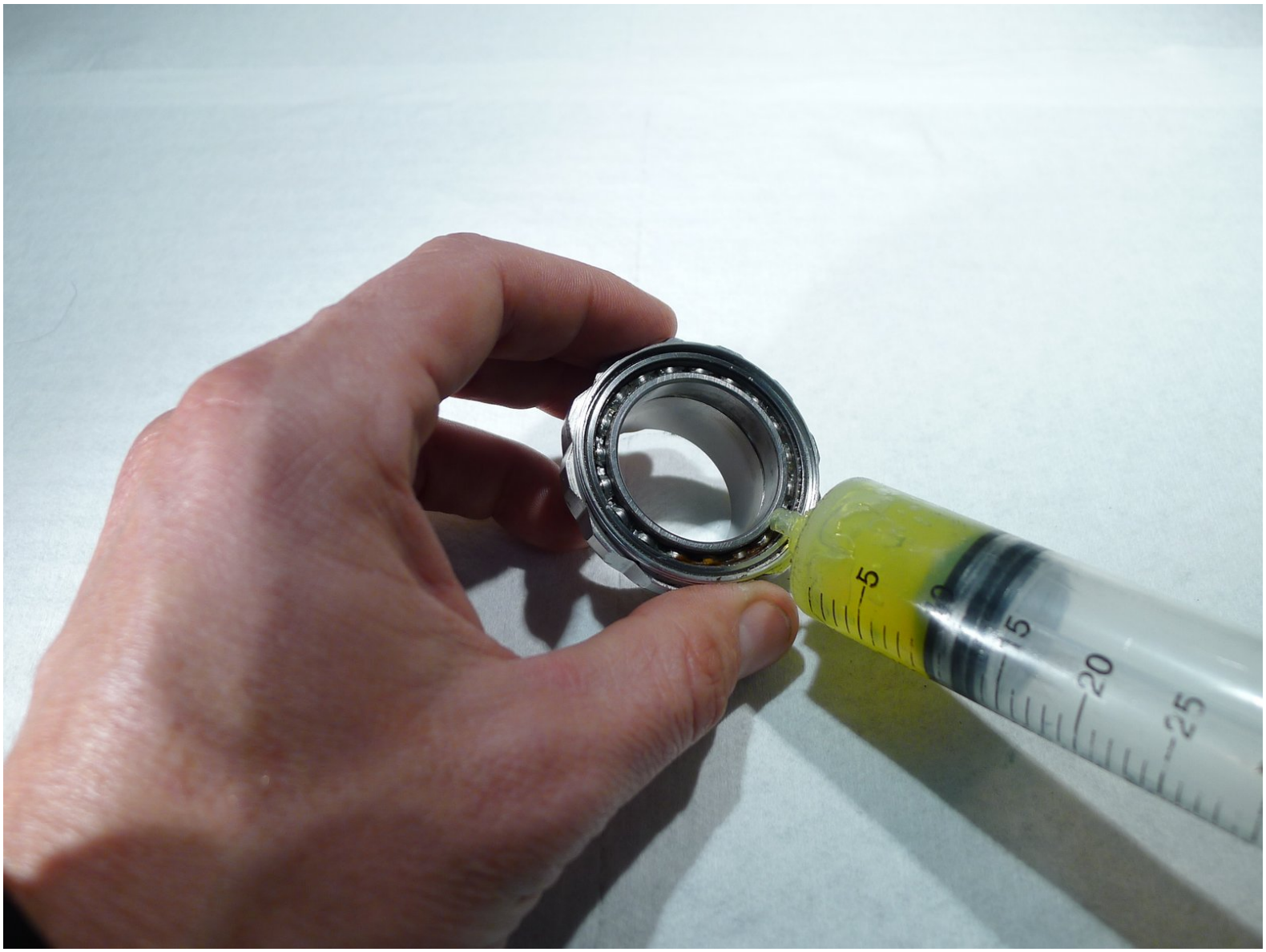

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TOOLS:

- Razor knife (1)
- Small flat blade screw driver (1)

PARTS:

- grease (1)
- alcohol (1)

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Step 1 — How to service bottom brackets

- Re-greasing BB bearings is vital to the life of your BB, especially when riding in wet environments or after hosing your bike off
- The BB does not need to be removed from the bike to do this service, but it is a good idea to remove and re-grease the BB threads at the same time
- **Using a pressfit BB?** That's ok, we use the same bearings in both our threaded and pressfit BBs, so while your BB may look different, it will use the same bearings and seals as shown in this walkthrough
  - The exception will be our BB92 bearings which do not use the outer dust seal

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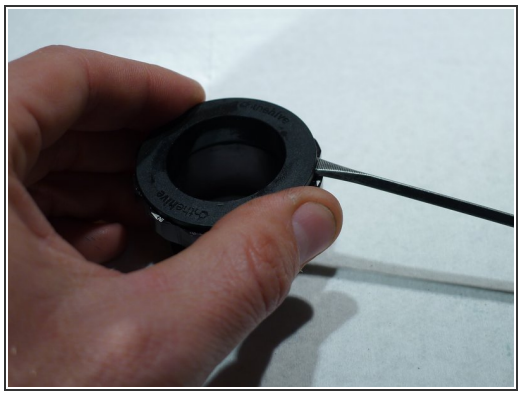
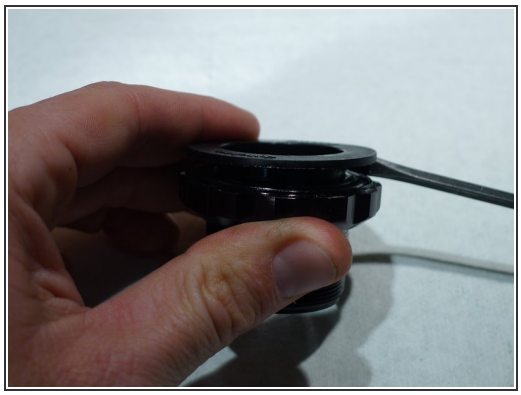
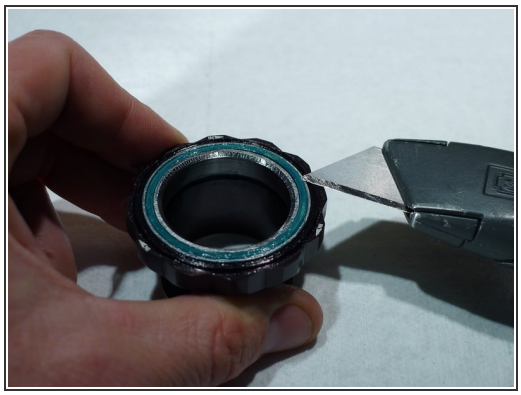
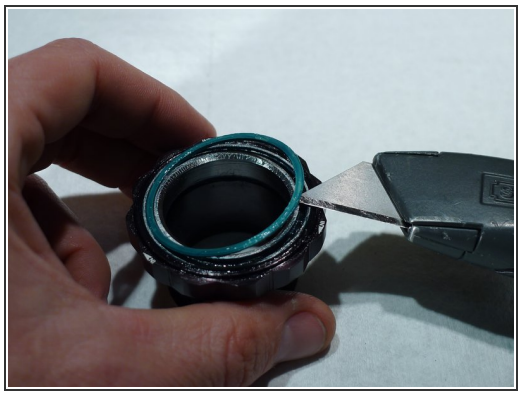
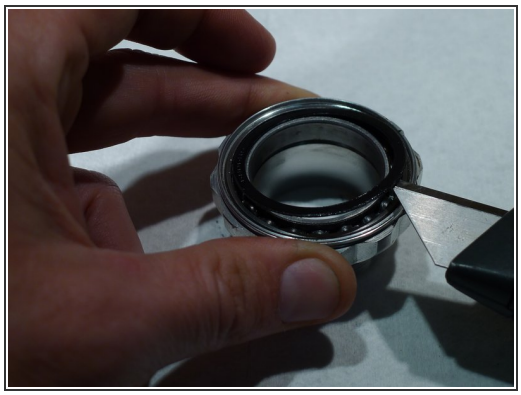
Step 2

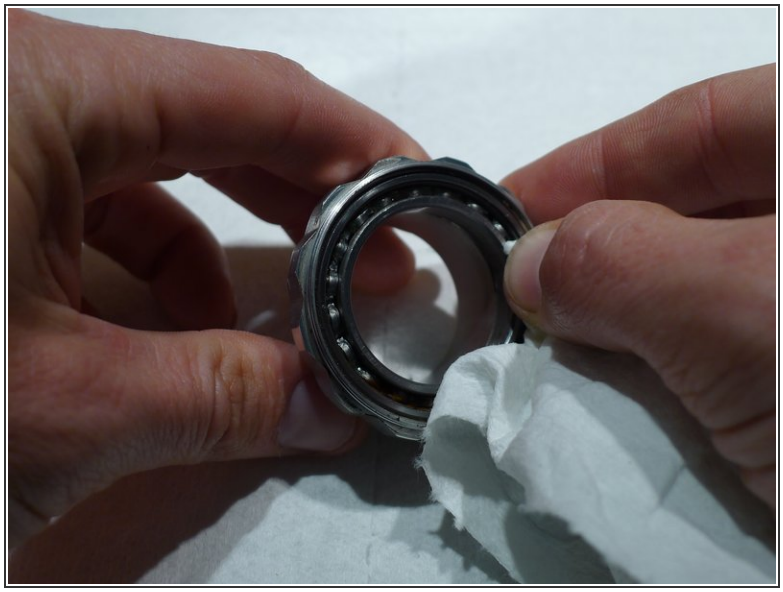
- All past and present versions of our BBs have an outer dust seal that helps protect the bearing
- To remove plastic outer dust seals, gently slide a small flat blade screwdriver under the dust seal
  - Slowly work your way around the BB lightly prying up the dust seal
  - Repeat this until the dust seal is free from the bearing
  - Be careful not to pry too hard in one place as this can crack the seal
- For rubber dust seals, follow a similar procedure, but use a sharper tool such as an awl to get under the thinner seal

Step 3

- The cartridge bearing should now be exposed
- Remove the seal on the cartridge bearing by sliding a thin sharp tool such as a razor knife under the outer diameter of the bearing seal and lightly prying
- Be careful not to bend the seal while removing it

Step 4



- With the cartridge bearing seal removed, clean the bearing throughly

Step 5

- Repack the bearing with a high quality grease
- Be sure to pack grease into the bearing, then turn the bearing to help the grease penetrate into the race and balls

Step 6

- Replace the cartridge bearing seal by pressing it back into place by hand

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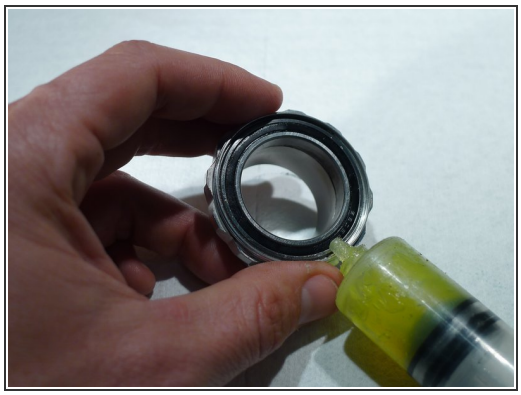
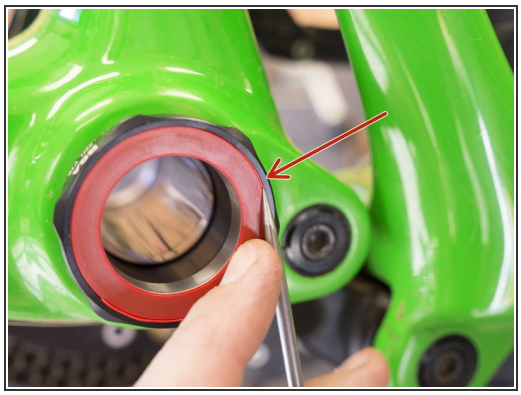
Step 7





- Before replacing the outer dust seal, if you are riding in wet climates or hosing your bike off it is a good idea to put a bead of grease on top of the cartridge bearing seal
- This will act as a water barrier under the dust seal and help protect the BB bearings
- Replace the outer dust cover or seal
- If using a bearing with a rubber outer seal, be sure the seal seats fully in the groove in the cup

Thanks for reading, now get out there and ride!