



How to service LG1 pedals

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TOOLS:

- [6mm hex wrench](#) (1)
- [T25 Torx wrench](#) (1)
- [10mm box wrench](#) (1)



PARTS:

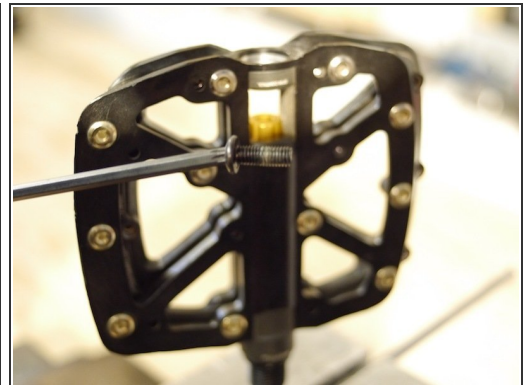
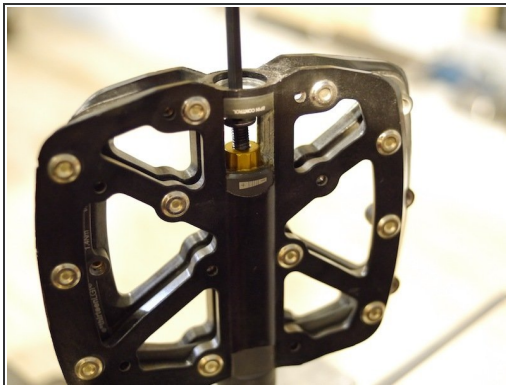
- [grease](#) (1)
- [alcohol](#) (1)

Step 1 — How to service LG1 pedals



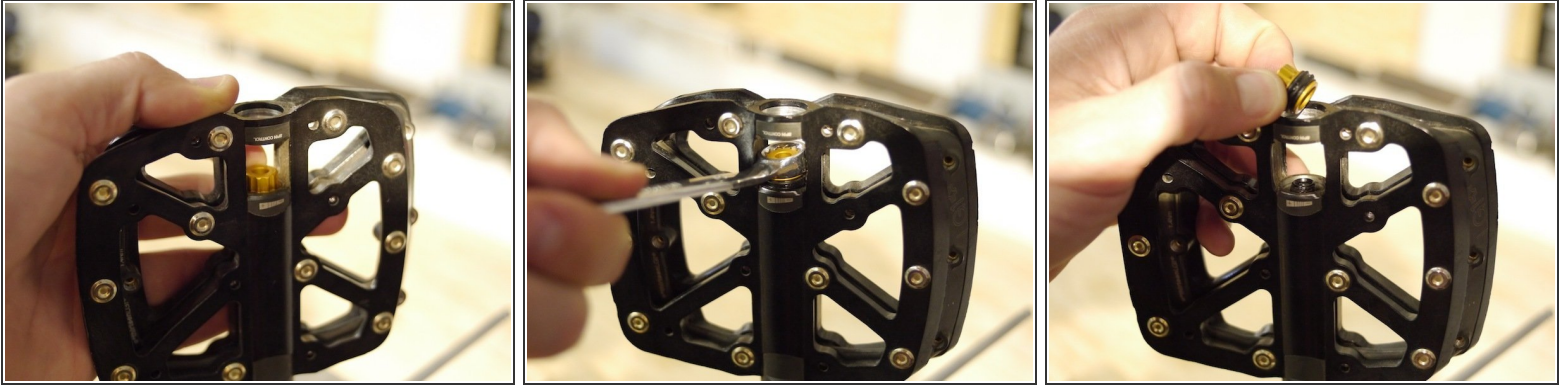
- Remove the cap on the outside of the pedal
- Insert a flat blade screwdriver and twist the cap 90 degrees
- With the cap turned 90 degrees, pull the tabs away from the pedal

Step 2



- Insert the M6 hex on the axle into a hex wrench clamped in a vise for easier servicing
- Insert a T25 Torx wrench into the spin control screw
- Turn counter-clockwise to loosen the screw
- Remove the screw

Step 3



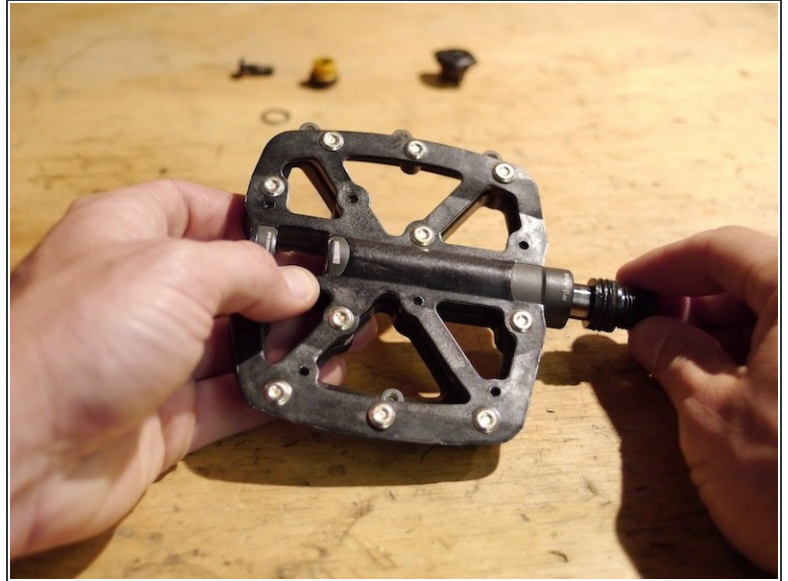
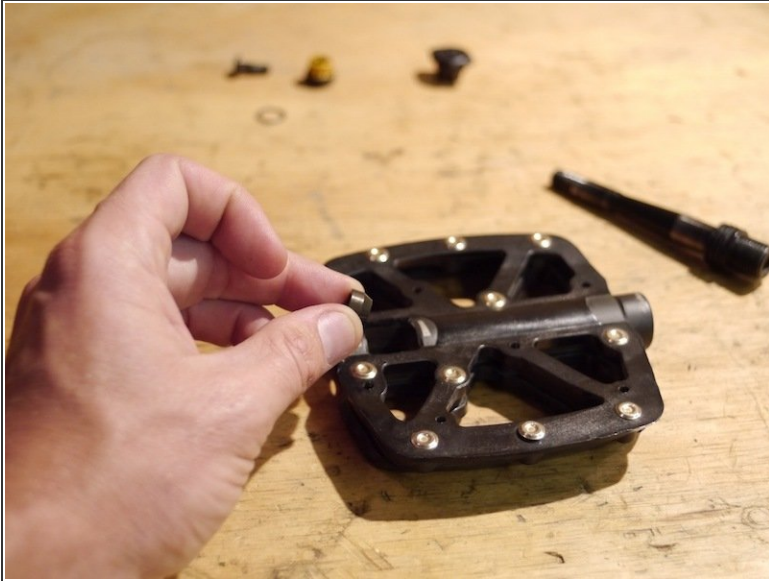
- The Spin Control knob can often be loosened by hand, if not, it can be loosened by turning counter-clockwise with a 10mm box wrench
- Remove the Spin Control knob

Step 4



- Remove the silver washer under the Spin Control knob
- ⓘ Newer pedals will no longer use this washer, so if you don't see it, don't worry

Step 5



- Remove the pre-load wedge from the pedal body by pulling the axle part way out, turning it slightly, then pushing it back in to push the wedge out of the pedal body
- Remove the wedge
- Remove the axle

Step 6



- Clean the Igus bearings and bearing seats with denatured alcohol

Step 7



- The dust seals can be removed from the axle and Spin Control knob and cleaned or replaced
- A pick can be used to help remove the seals

Step 8



- Install the seals on the Spin Control knob and axle and lightly grease using Rock and Roll Super Web Grease

Step 9



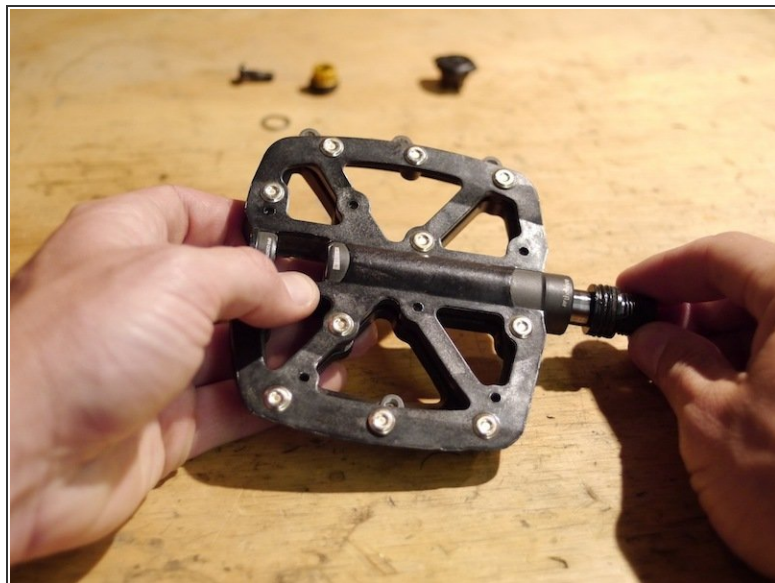
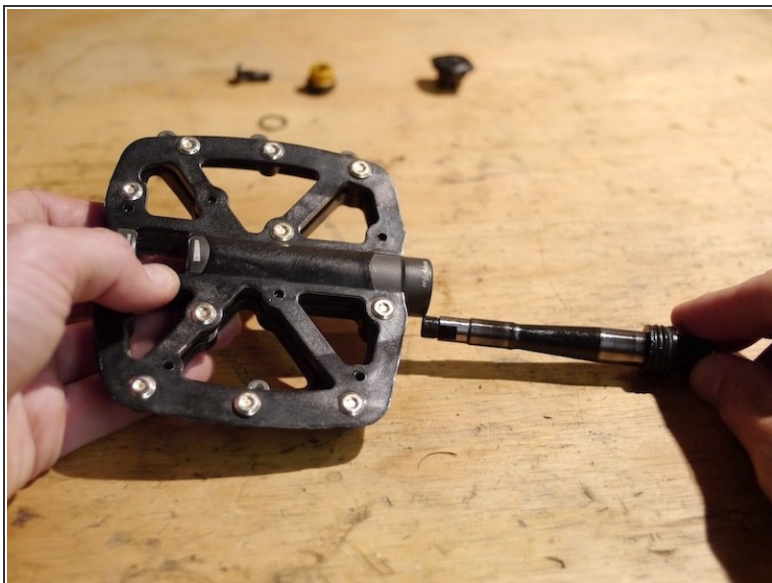
- Do not grease the axle or Igus bearings before installing the axle
- The Igus bearings are self lubricating and do not need any lube to function properly

Step 10



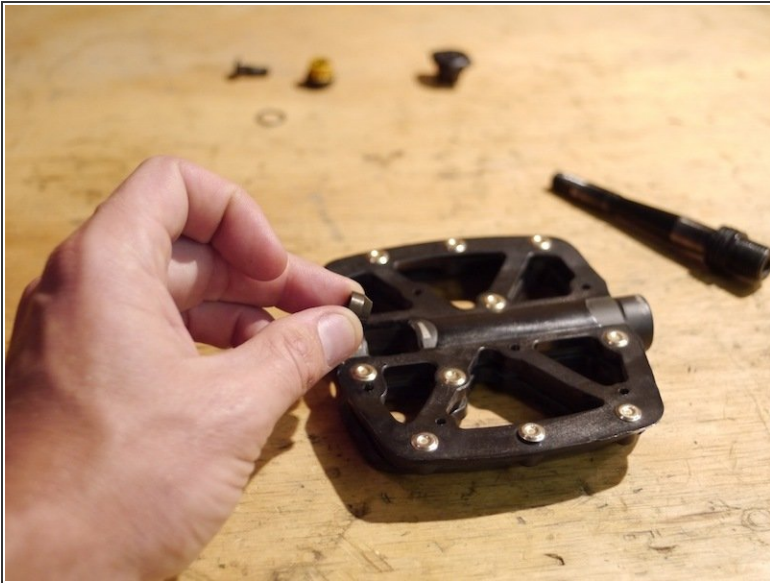
- Before installing the axle, install the preload wedge on the axle, note the flats on the axle and the hash marks on the pre-load wedge
- You will need to align the pre-load wedge to properly fit onto these flats once the axle is in the pedal

Step 11



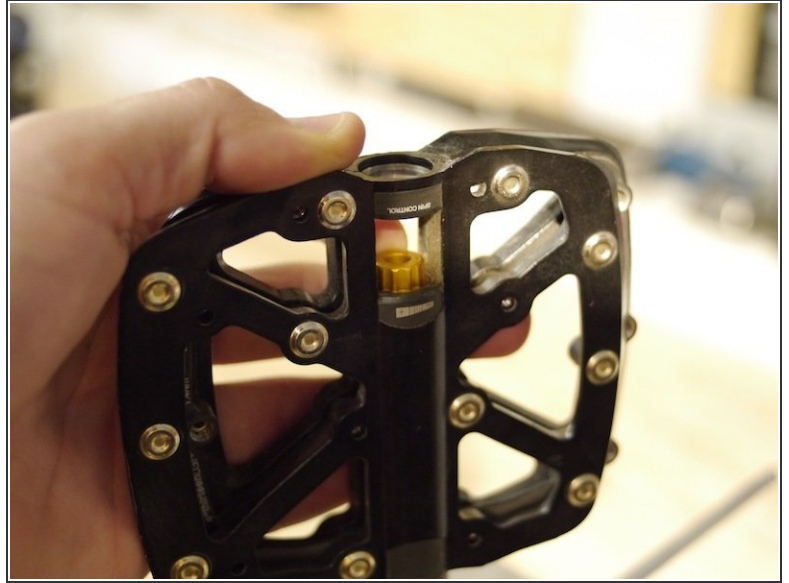
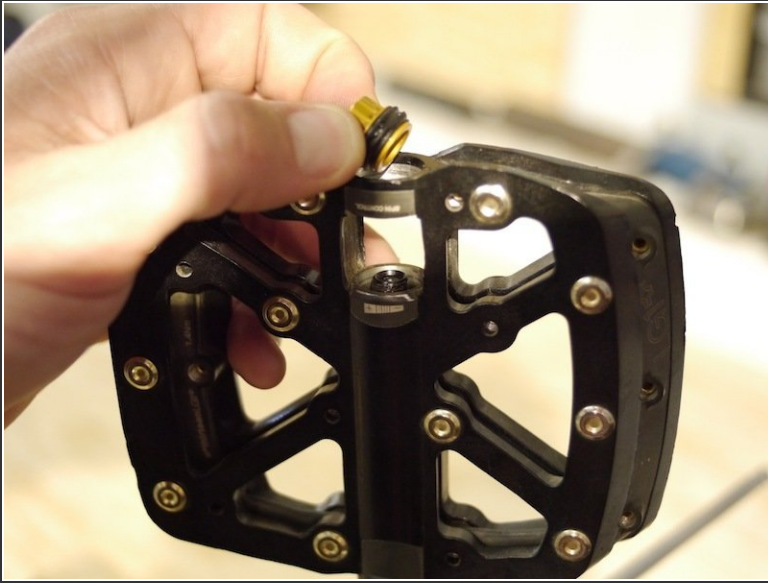
- Install the axle into the pedal
- Note where the flats in the axle are

Step 12



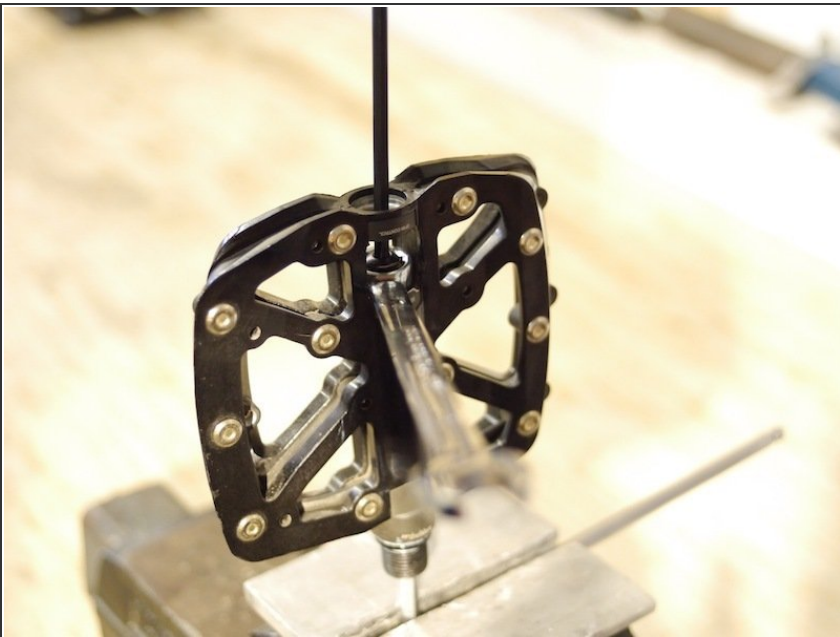
- Install the pre-load wedge and slide down onto the axle flats
- The hash mark in the axle will be perpendicular to the flats on the axle
- Install the washer over the pre-load wedge

Step 13



- Put the pedal back onto the hex wrench in the vise
- Install the Spin Control knob

Step 14



- Adjust the spin speed of the pedal by tightening or loosening the Spin control knob using the 10mm hex wrench
- Once you are happy with spin, tighten the T25 Torx while holding the Spin Control knob with the 10mm box wrench

Thanks for reading, now get out there and ride!