



## How to service LG1 pedals

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**TOOLS:**

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

**PARTS:**

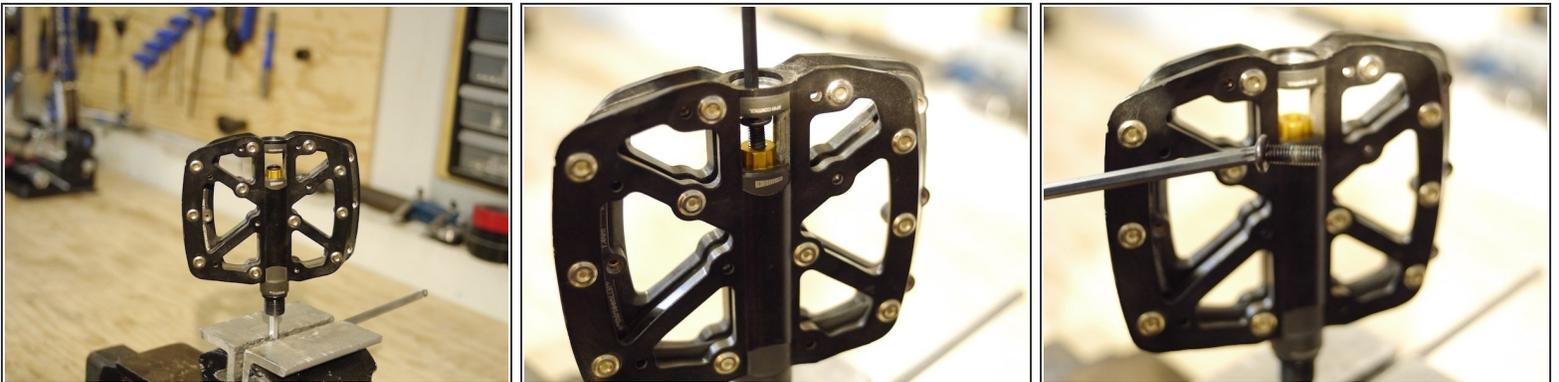
- grease (1)
- alcohol (1)

## Step 1 — How to service LG1 pedals



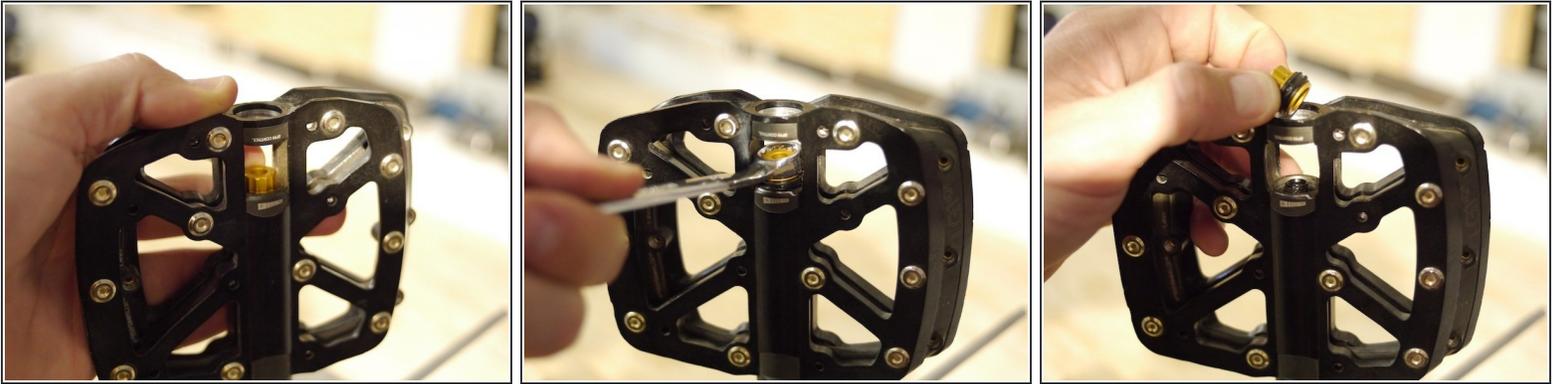
- Remove the cap on the outside of the pedal
- Insert a flat blade screwdriver and twist the cap 90 degrees
- With the cap turned 90 degrees, pull the tabs away from the pedal

## 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

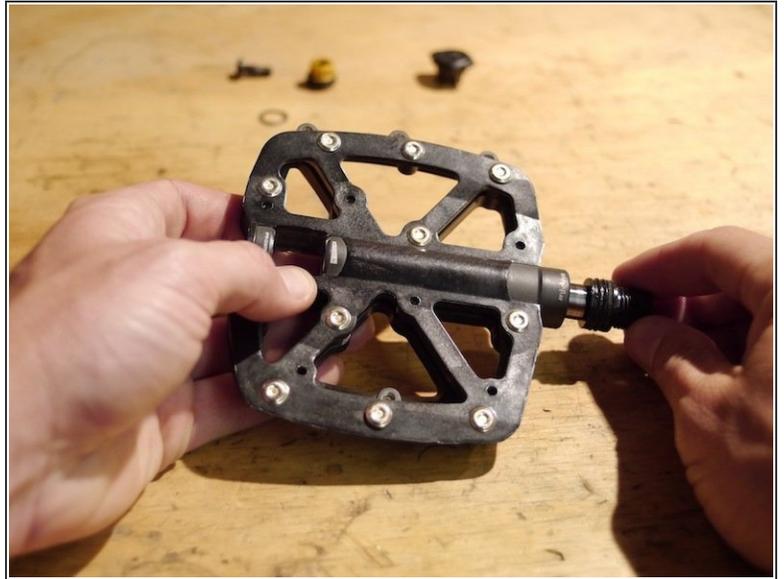
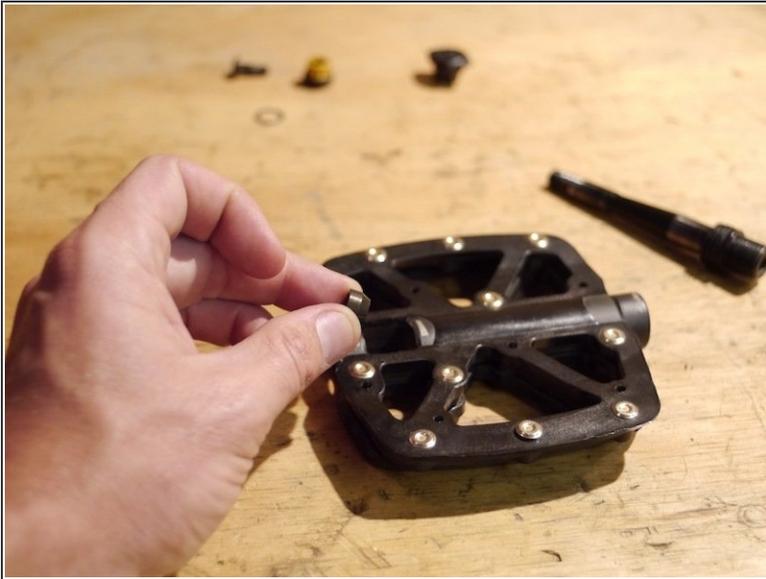


- The Spin Control knob can often be loosened by hand, if not, it can be loosened by turning counter-clockwise with a 10mm box wrench
- Remove the Spin Control knob

### 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 Icus 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



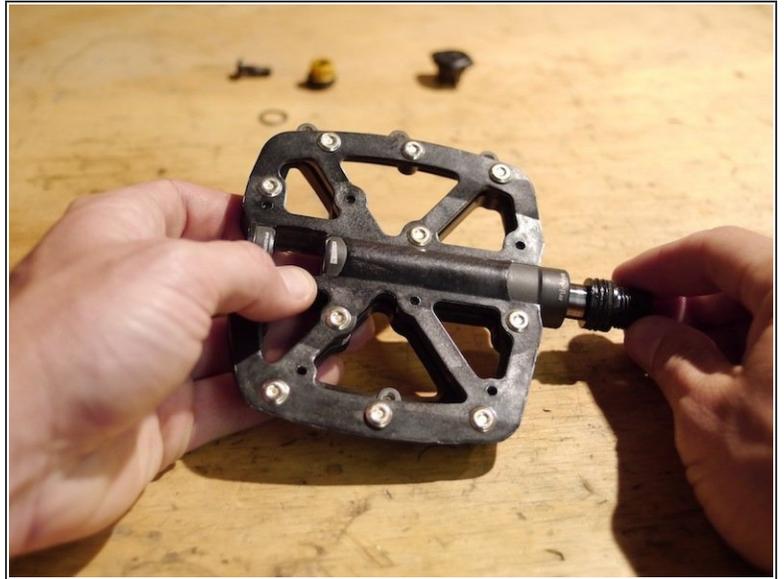
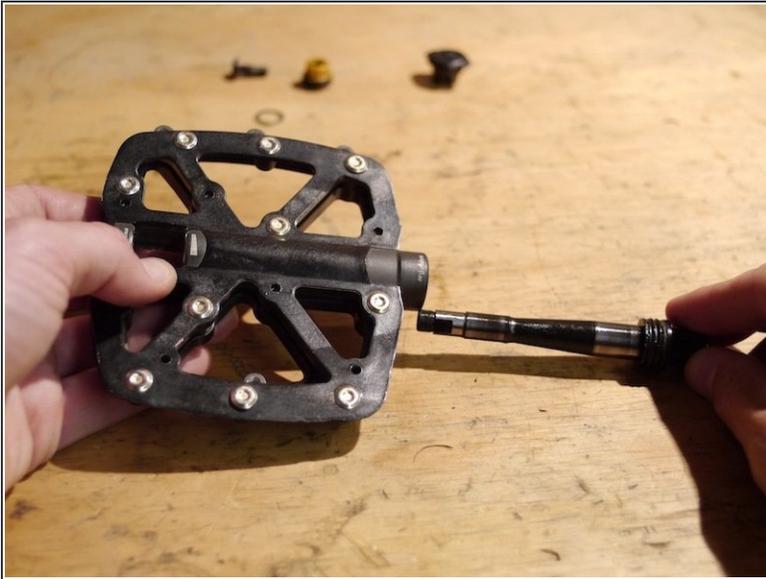
- Do not grease the axle or Igus bearings before installing the axle
- The Igus bearings are self lubricating and do not need any lube to function properly

## Step 10



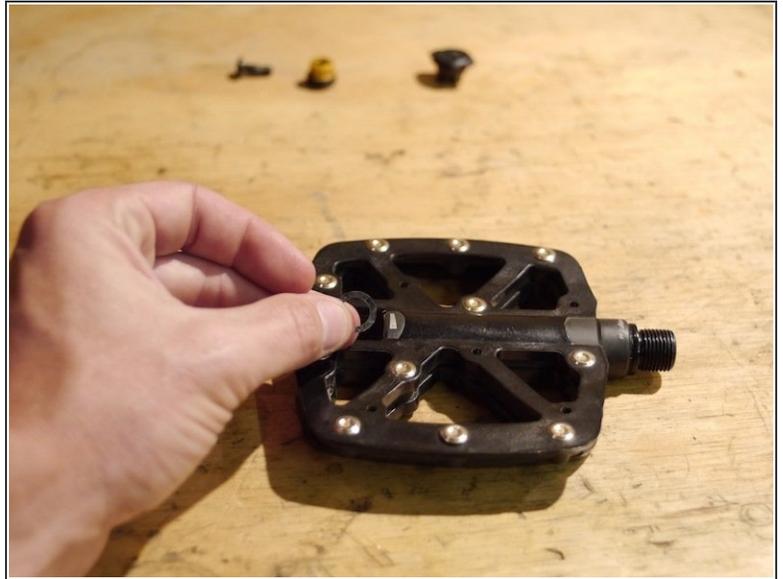
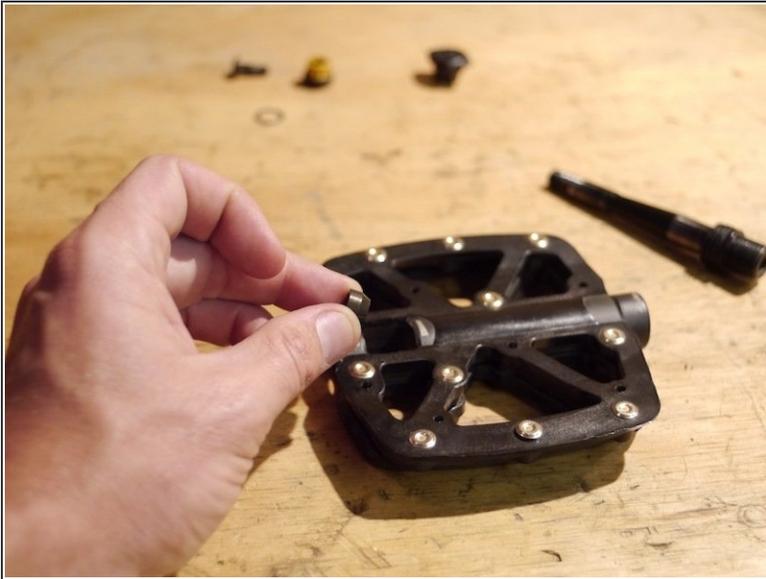
- Before installing the axle, install the preload wedge on the axle, note the flats on the axle and the hash marks on the pre-load wedge
- You will need to align the pre-load wedge to properly fit onto these flats once the axle is in the pedal

## Step 11



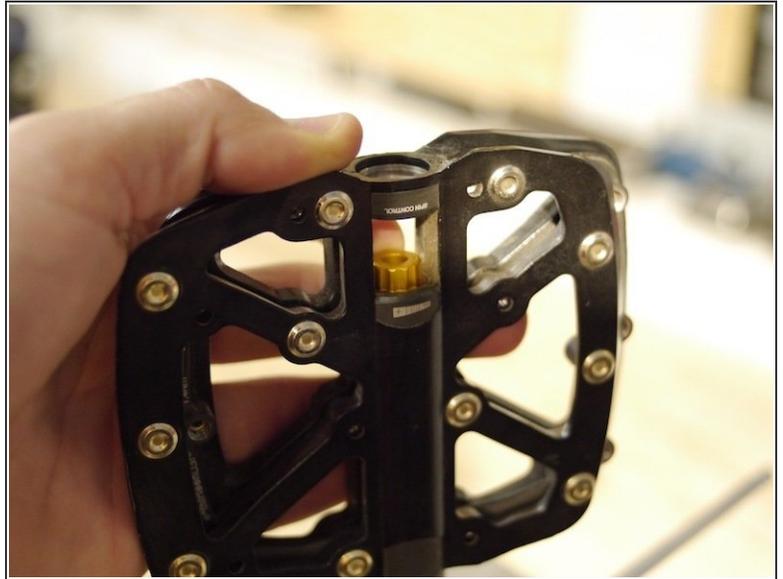
- Install the axle into the pedal
- Note where the flats in the axle are

## Step 12



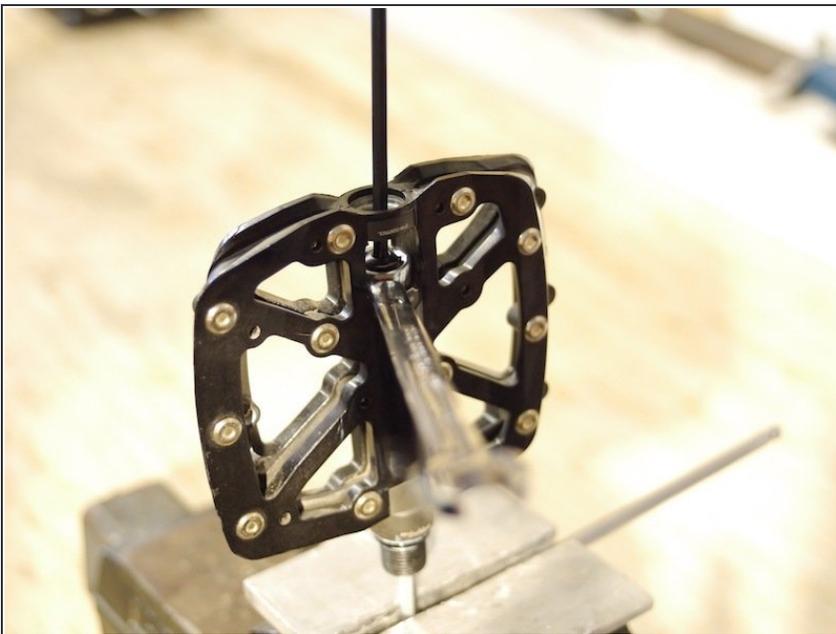
- Install the pre-load wedge and slide down onto the axle flats
- The hash mark in the axle will be perpendicular to the flats on the axle
- Install the washer over the pre-load wedge

## 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!