

# 1 Technical data

**72829 - NEWMEN Beskar Pedal**

NEWMEN Pedal service kit		
POS	ITEM	Description
1	76338	zerk grease adapter
2	73120	Bearing BB FB 6x13x3,5 CN
3	73121	Bearing BB FB 15x24x5 CN LU
4	72824	Pedal M4 Nut right thread
5	72917	Pedal M4 Nut left thread
6	72828	Pedal Spring Washer

MG-Components GmbH & Co. KG  
Am Mühlbach 5c  
87487 Wiggensbach  
Germany

DO NOT SCALE DRAWING	SIZE: A4	SCALE: 1:6	SHEET 1 of 1
Alle Informationen unter Vorbehalt. Wir behalten uns Änderungen vor. All information subject to change. We reserve the right to make changes.			drawing date: 2024-08-19

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## List of tools

Location used	Tool
Pedal Endcap	6mm Hex key + 5mm Hex key + torque wrench
Pedal Titanium Axle	6mm Hex key + 7mm Hex socket + torque wrench
Pedal Body	Grease gun

## Spare parts

ITEM number	Product Name
90962	Service Kit Pedal
90961	Flat Pedal Replacement Pins

## 2 Maintenance

### 2.1 Pedal maintenance schedule

NEWMEN Beskar pedals are fully repairable and must be checked and serviced at regular intervals.

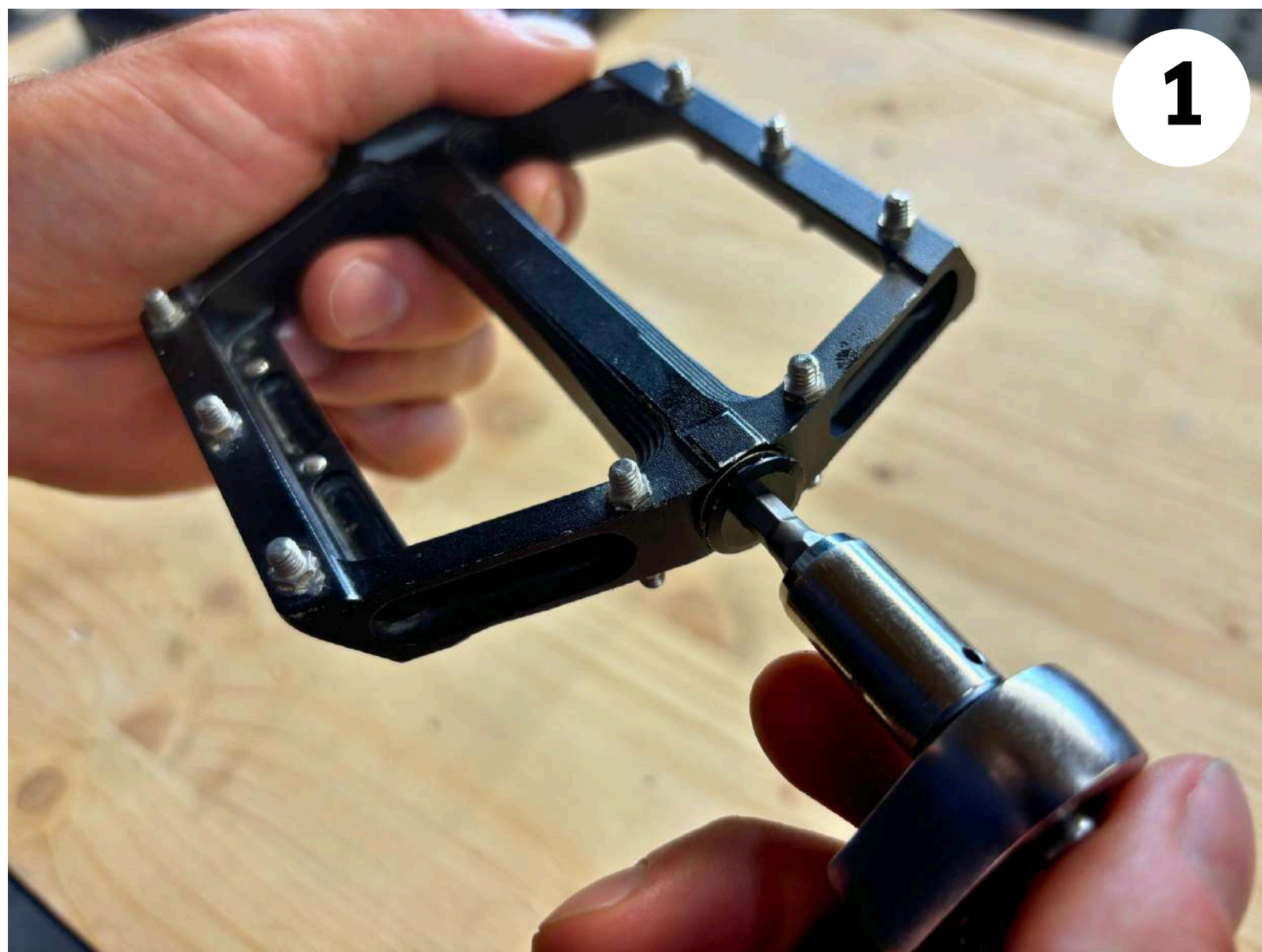
- Visual inspection every ride! Inspect the pedals for wear, damage or loose parts.
- Regrease pedals after every 30 hours of riding.
- Overhaul every 200 hours of riding.

### 2.2 Service the pedal

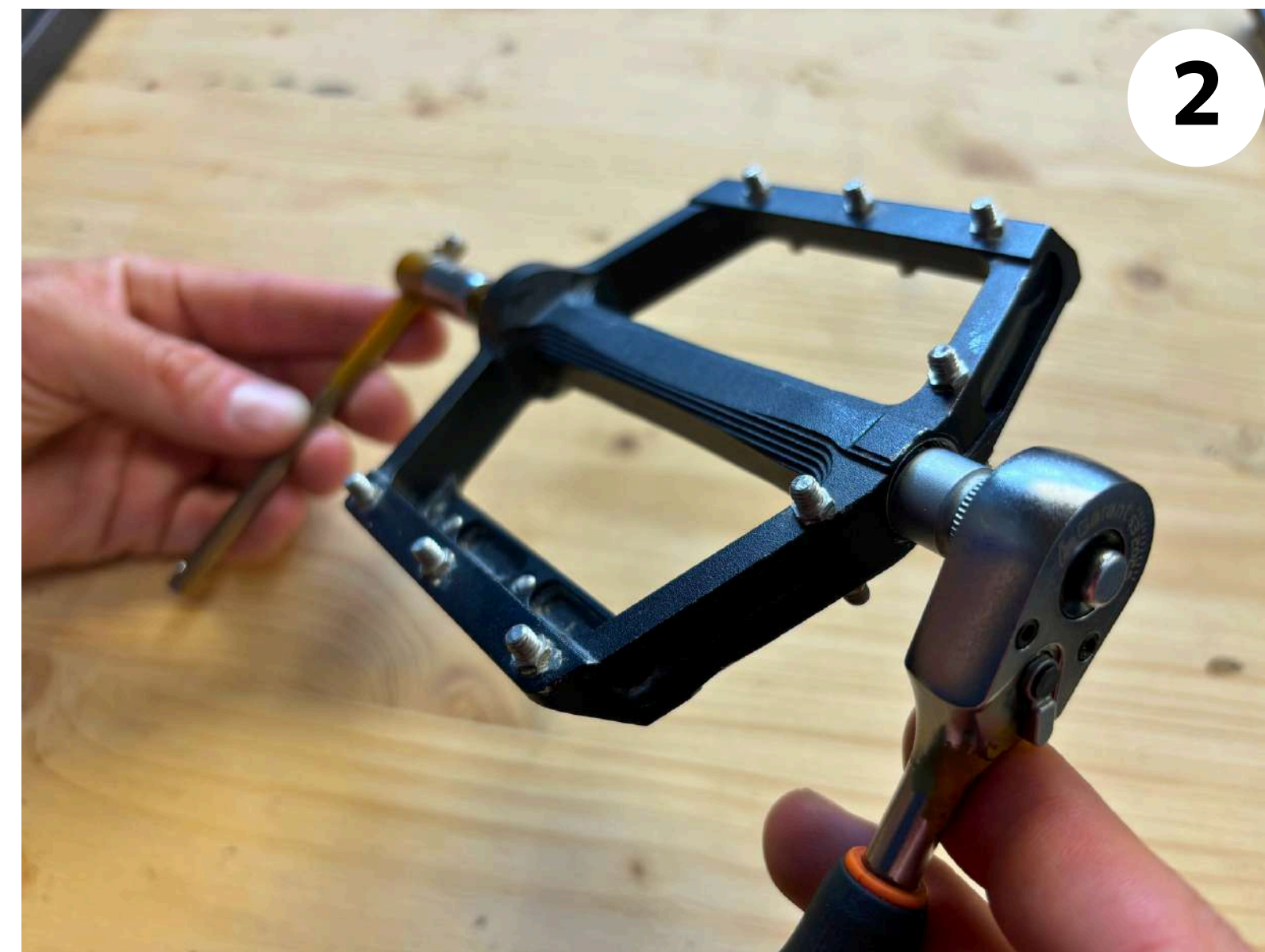
The pedal can be easily serviced with the NEWMEN service kit (item no. 90962).  
The service kit for the NEWMEN Beskar pedal includes the following items:

- Zerk grease adapter
- Bearing BB FB 6x13x3,5 CN
- Bearing BB FB 15x24x5 CN LU
- Pedal M4 Nut right thread
- Pedal M4 Nut left thread
- Pedal Spring Washer

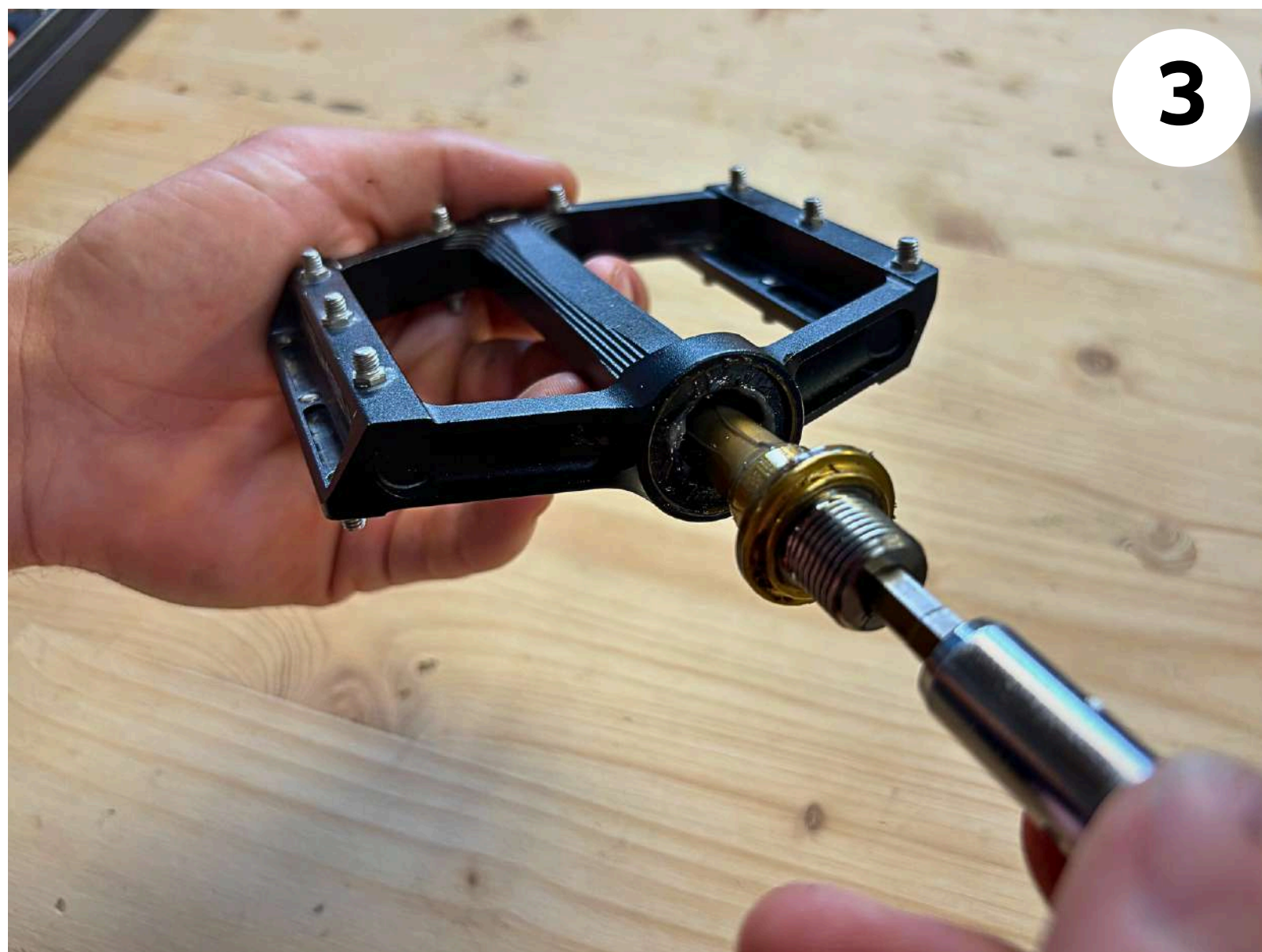




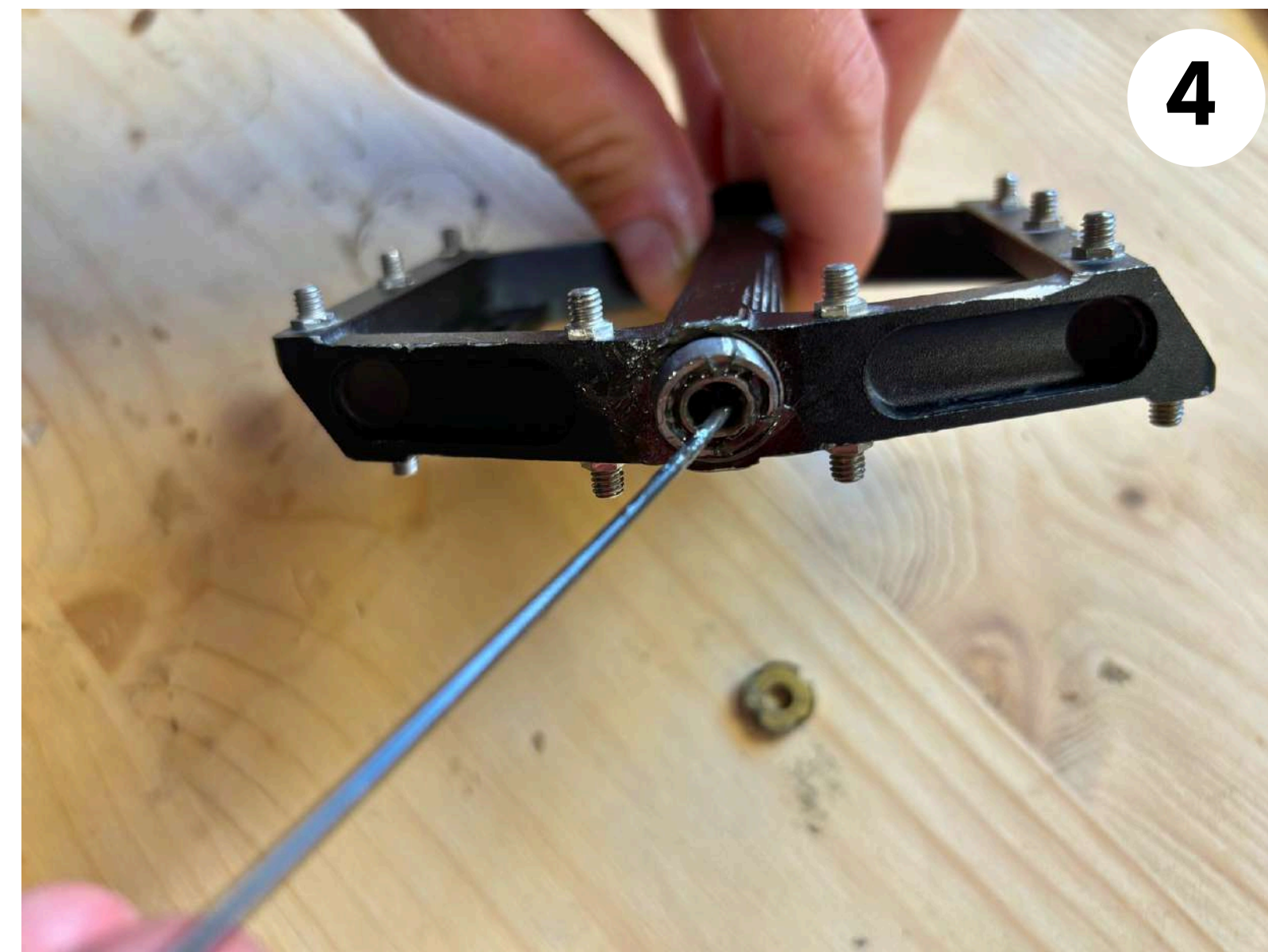
**Unscrew the end cap from the pedal anti-clockwise using a 5 mm hex key.**



**Unscrew the M4 nut on the outside of the pedal while holding inside with a 6mm hex key. Attention: The nut of the left pedal is loosened anti-clockwise (right-hand thread), the nut of the right pedal is loosened clockwise (left-hand thread)!**



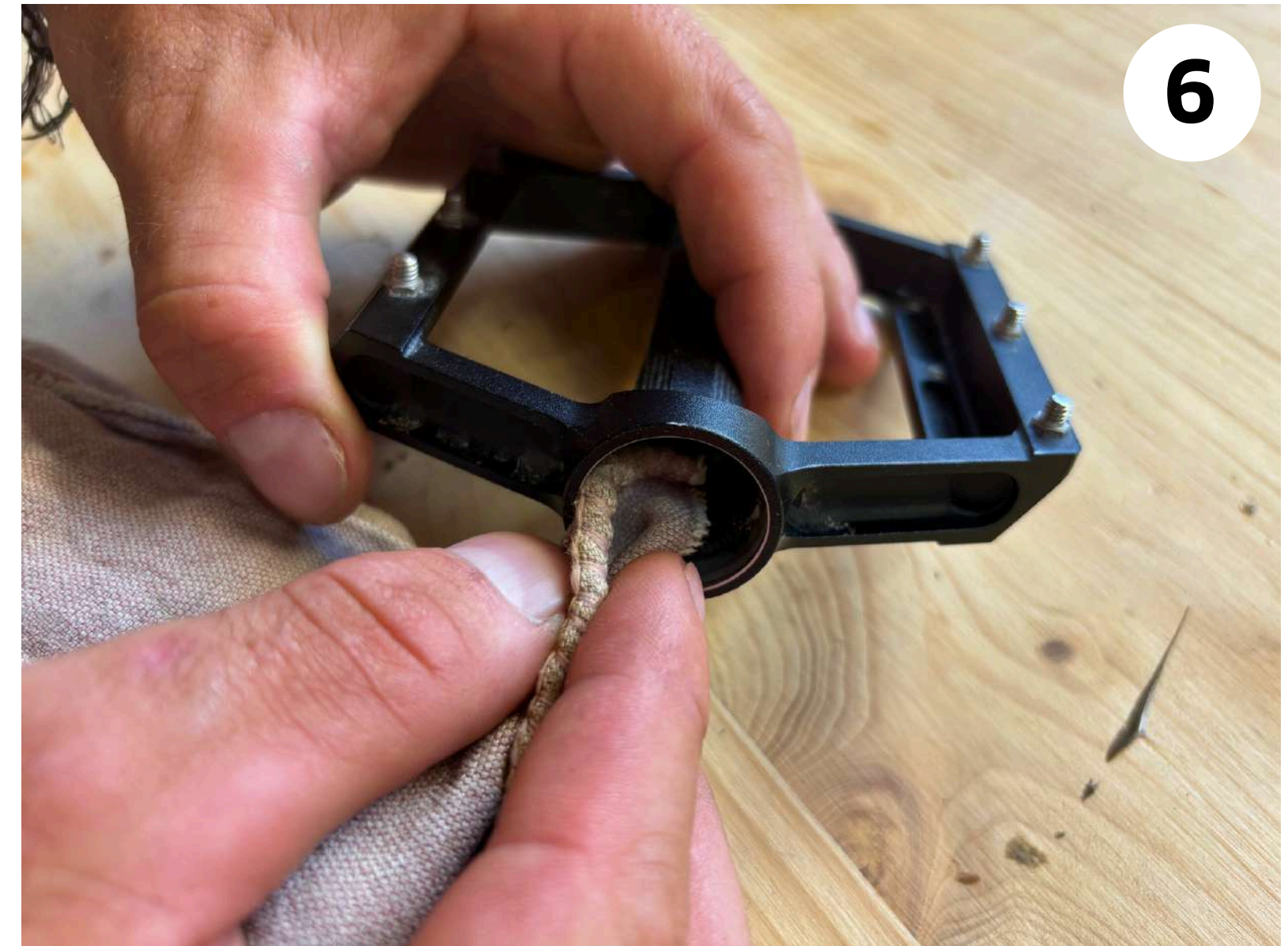
**Take the axle out of the pedal body.**



**Take the brass washer and the bearing out of the pedal body.**



**Take the spring washer and the bearing out of the pedal body on the other side.**



**Clean the pedal body and the spring washers and remove old grease.**



**Put the new spring washer on the axle. The bend must point away from the pedal thread. The spring washer must touch the outer bearing race.**



**Grease the new bearings lightly before fitting.**



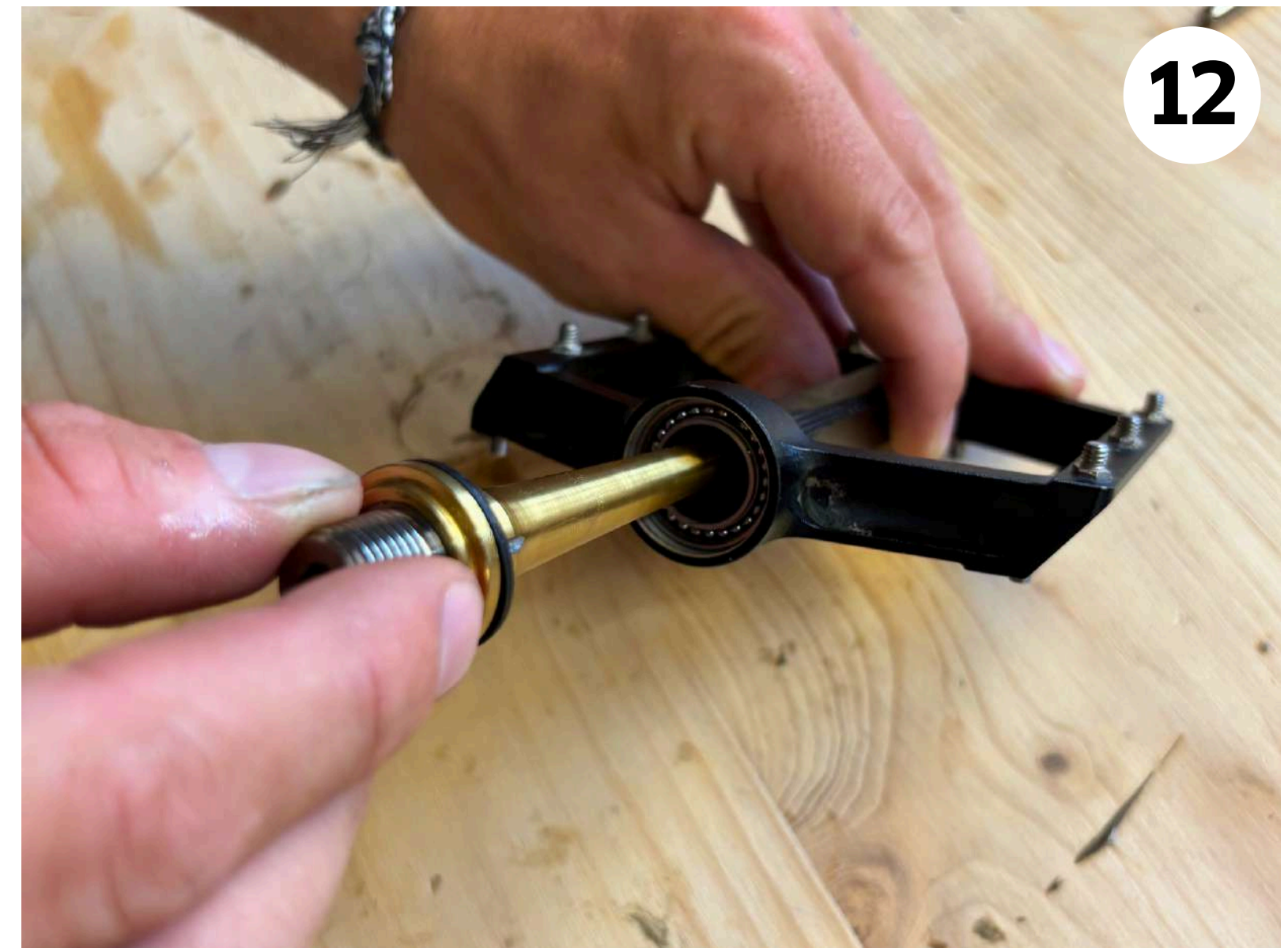
**Insert the new bearing on the inside of the pedal body.**



**Insert the small bearing on the outside of the pedal body.**



**Insert the brass washer on the outside of the pedal body.**



**Thread the axle into the pedal body.**





**Tighten the M4 nut on the outside of the pedal with a hex socket by hand (!) while holding inside with a 6mm hex key. Note: The nut for the left-hand side has a right-hand thread, the nut for the right-hand side has a left-hand thread.**



**Tighten the pedal M4 nut with a torque wrench to a maximum of 1.5 Nm!**



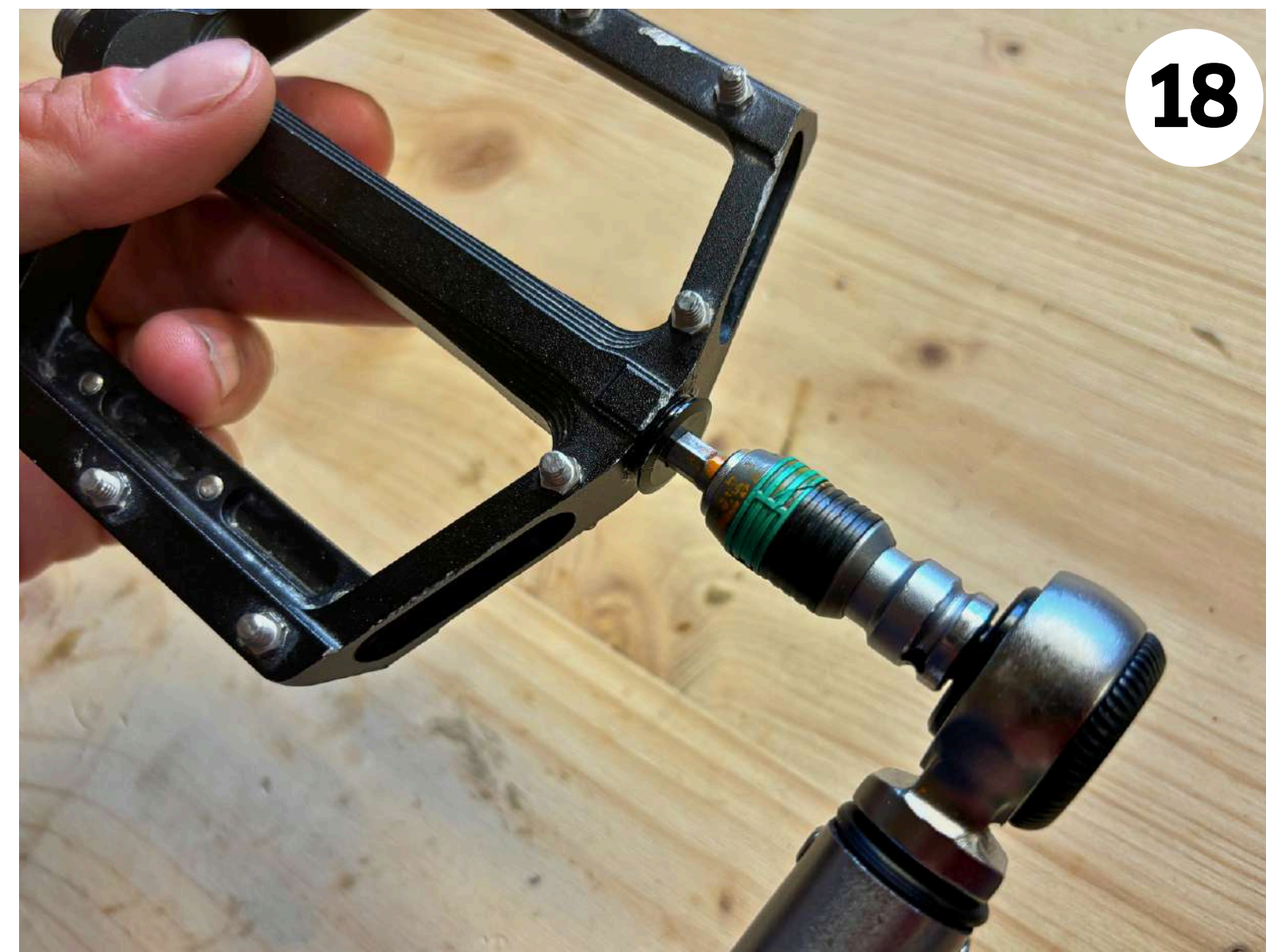
**Screw the grease adapter onto the pedal by hand.**



**Take a grease gun and connect it to the grease nipple. Pump grease into the pedal until grease comes out of the other end of the pedal.**



**Remove the grease gun and the grease adapter. Remove excess grease from the pedal with a rag so that no dirt can adhere here.**



**Screw the end cap with a torque wrench back onto the pedal with 3Nm!**