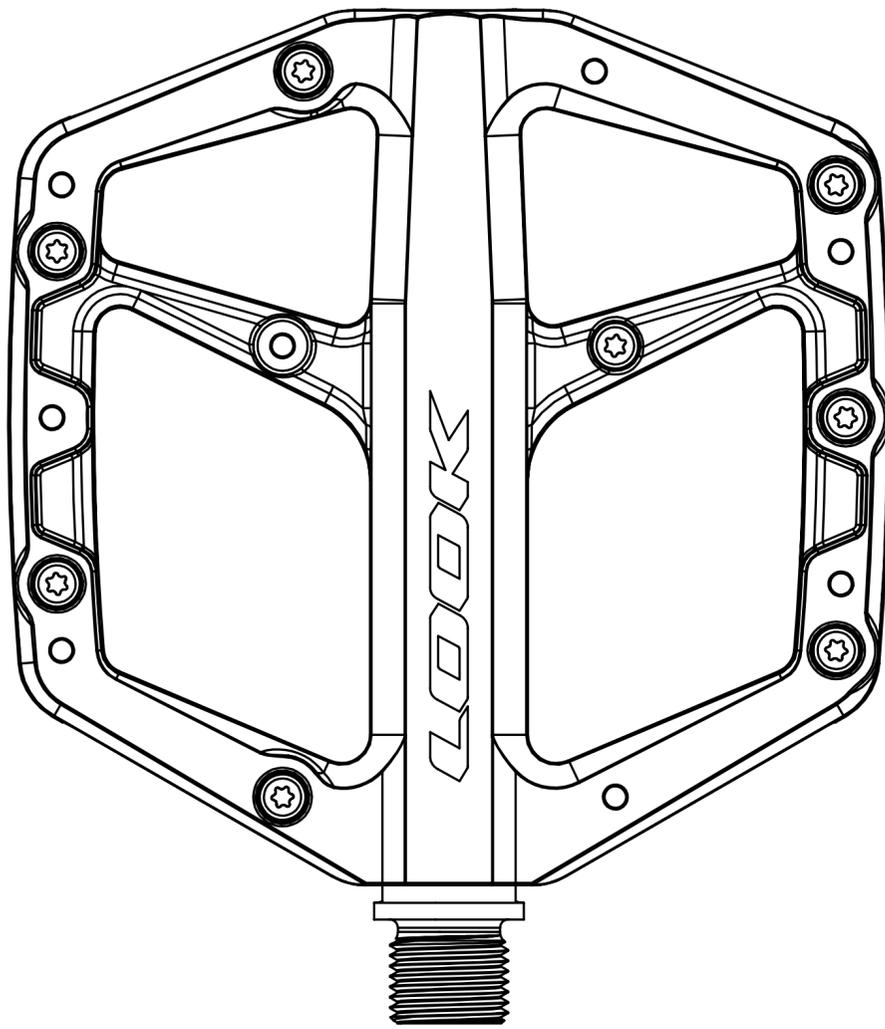




Maintenance Guide

Trail Pedals

EN



Trail Fusion

Trail Roc

Trail Roc+

Bearings Kit Composition

1 LOOK Cycle bearing removal tool

+ Centering element

1 LOOK Cycle 3-point cap removal tool

2 Caps with sealing gasket

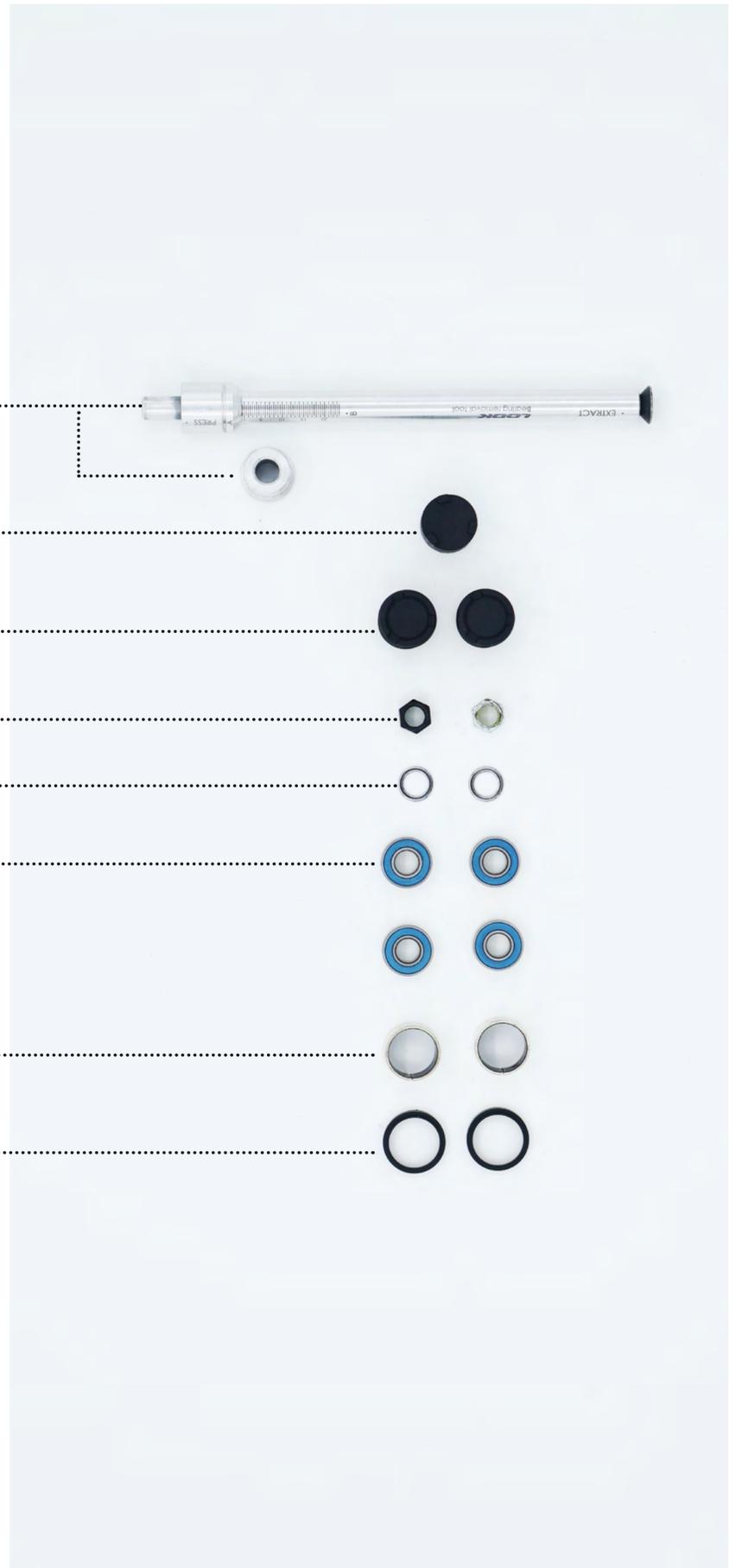
2 Nuts

2 Conical washers

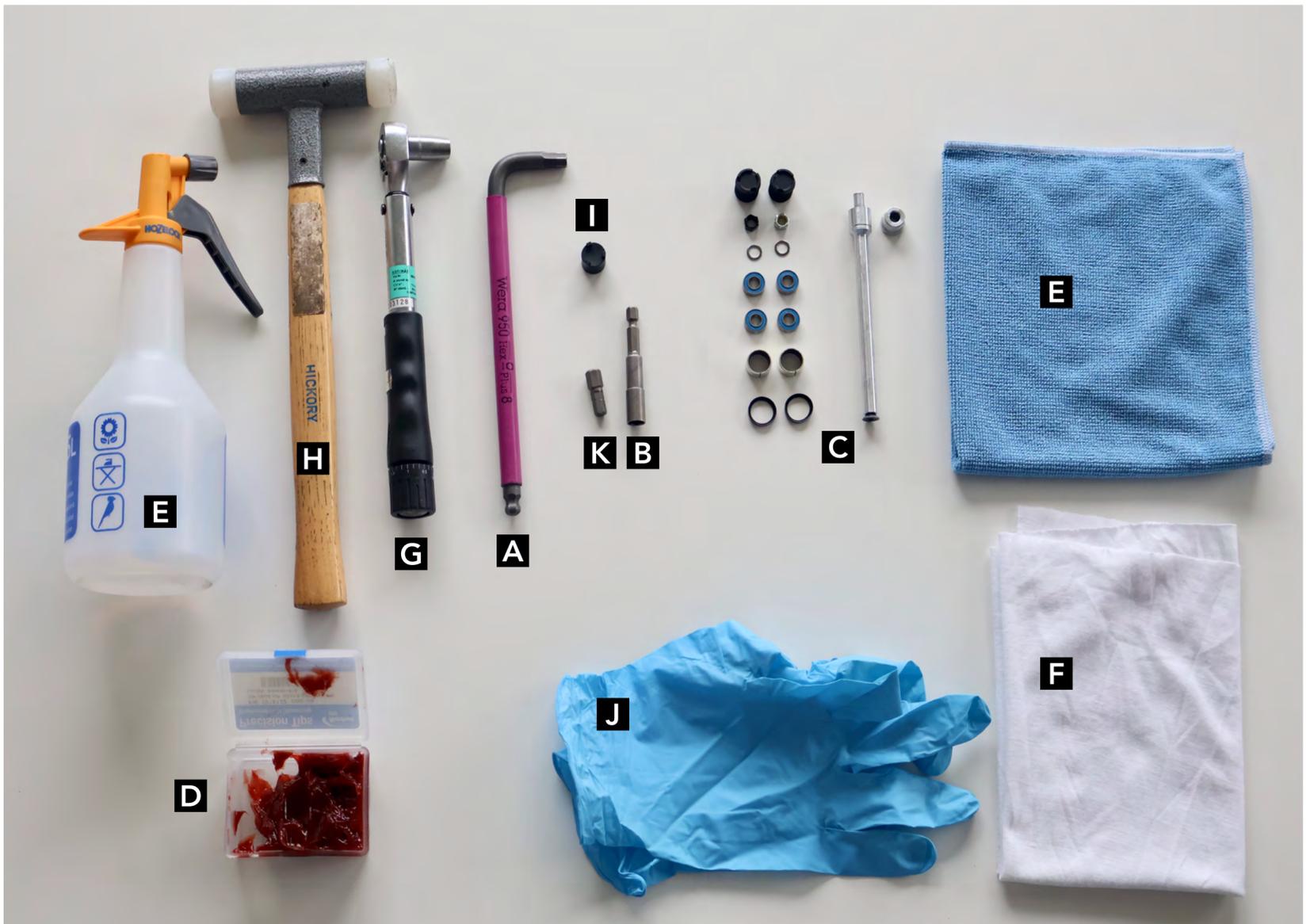
4 Double-sealed ball bearings

2 Metal plain bearings

2 Lip seals



Necessary Tools _____



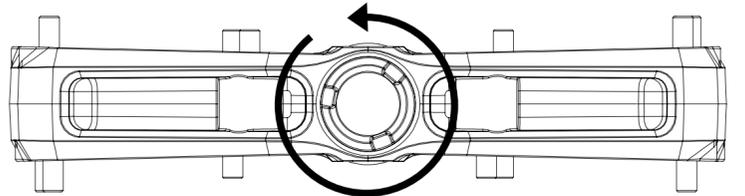
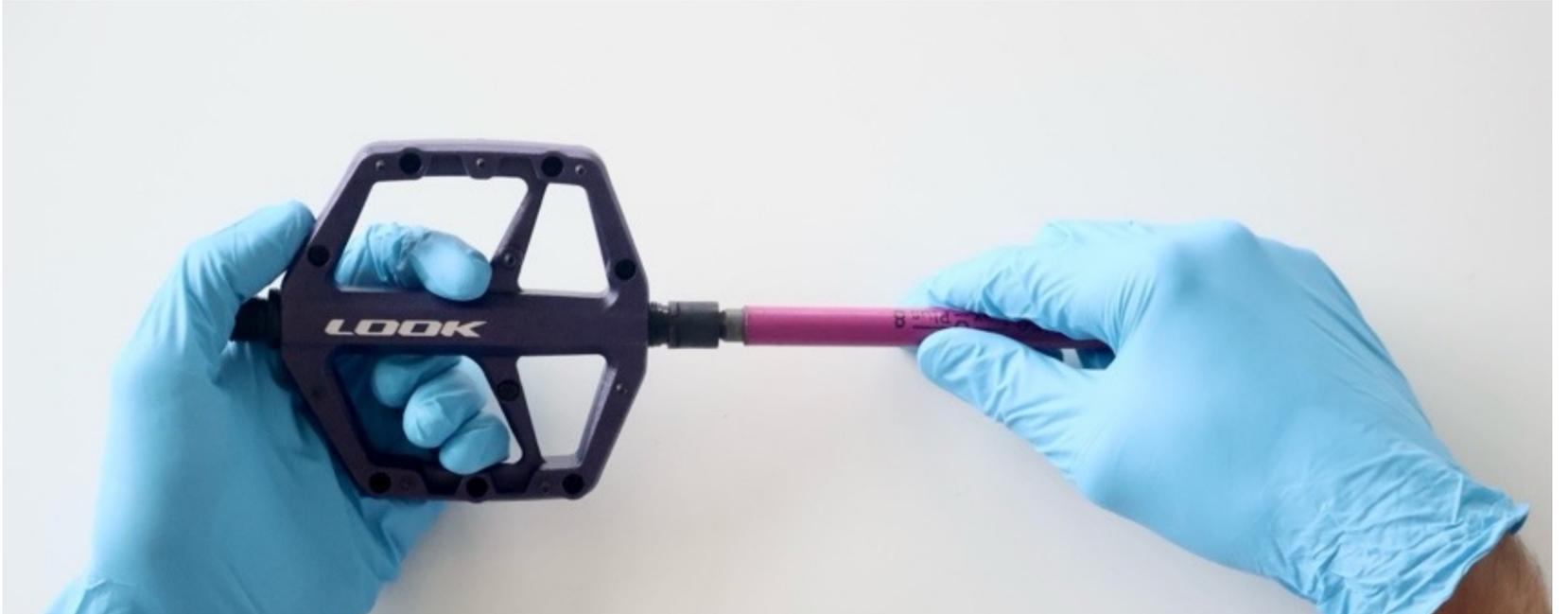
- A** 8 mm Allen key
- B** 8 mm socket wrench / 8mm spanner (minimum 3 cm in length)
- C** 1 LOOK Cycle bearing removal tool + Bearing kit
- D** High-performance grease (e.g., GADUS S3 type)
- E** Isopropyl alcohol and microfiber cloth
- F** Clean cloth
- G** Torque wrench with suitable bits
- H** Hammer
- I** 1 LOOK Cycle 3-point cap removal tool
(provided with the LOOK Cycle pedal maintenance kit)
- J** Gloves
- K** 8 mm BTR bit

Pedal Body Disassembly

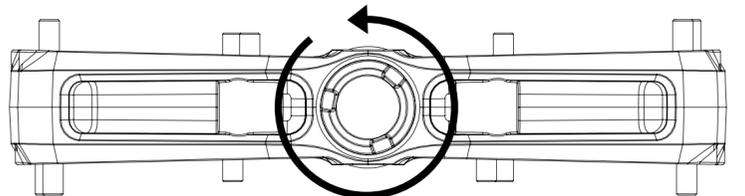
01

02

Unscrew the cap counterclockwise (left and right body) using the provided 3-point tool.



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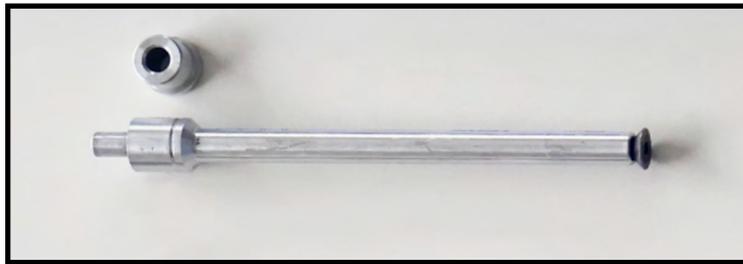
Pedal Body Disassembly

01

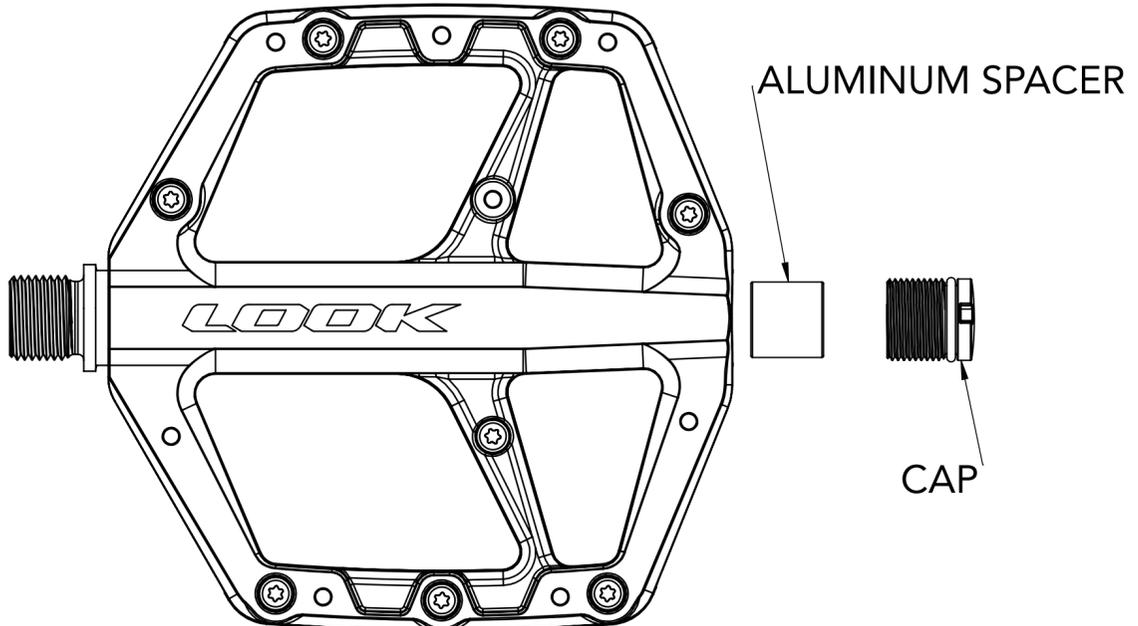
02

Remove the aluminum spacer located under the cap using the LOOK Cycle bearing removal tool on the «EXTRACT» side.

PRESS



EXTRACT



Unscrewing the Axle End Nut

01

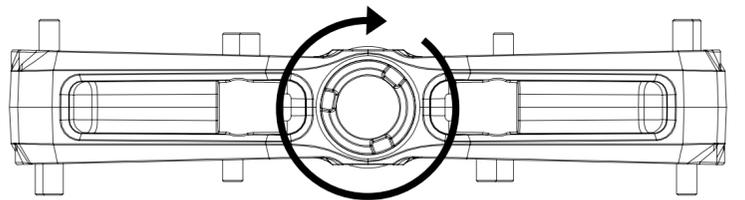
02

03

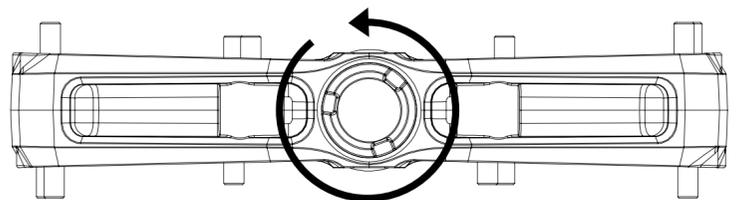
Use an **8 mm** Allen key to lock the axle from rotating.

Use an **8 mm** socket wrench to unscrew the axle end nut:

- Counterclockwise for the left pedal.
- Clockwise for the right pedal.



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Unscrewing the Axle End Nut

02 **03** **04**

Remove the axle end nut.

Make sure to collect the washer located underneath.



Axle Removal

03 **04** **05**

Hold the axle threading with one hand and pull on the body with the other hand to separate the two parts.



Remove the sealing gasket located on the axle's collar.



Axle Cleaning

04 05 06

Wipe off the grease on the axle with a clean cloth.



Clean the bearing seats and the bearing with isopropyl alcohol and a microfiber cloth.

Poor cleaning may lead to suboptimal performance and premature wear of the components.

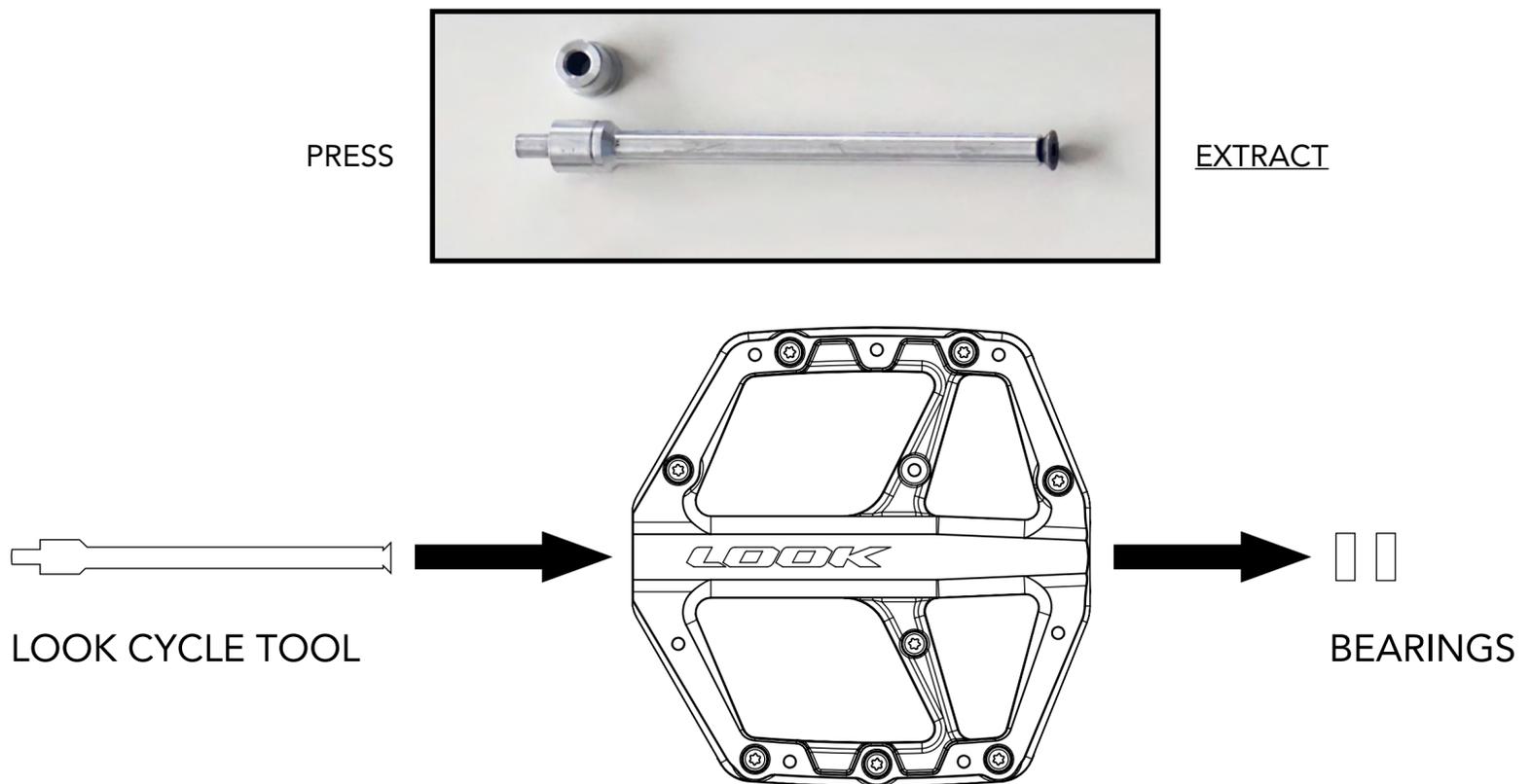


Bearings / Bushing Removal

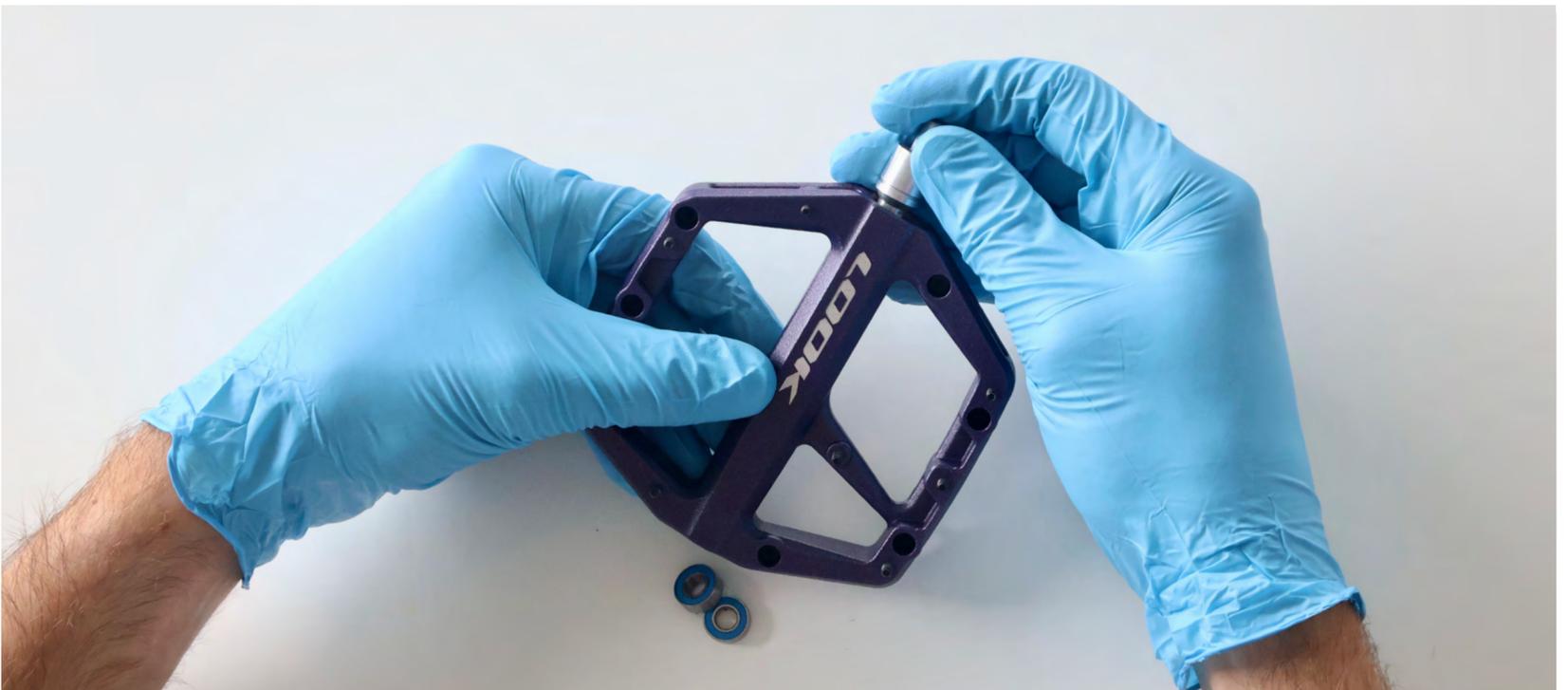
05 06 07

Bearing Removal

Insert the LOOK Cycle bearing removal tool, on the «EXTRACT» side, into the pedal body through the crank side.



Push the bearings in by tapping gently, using a mallet if necessary.

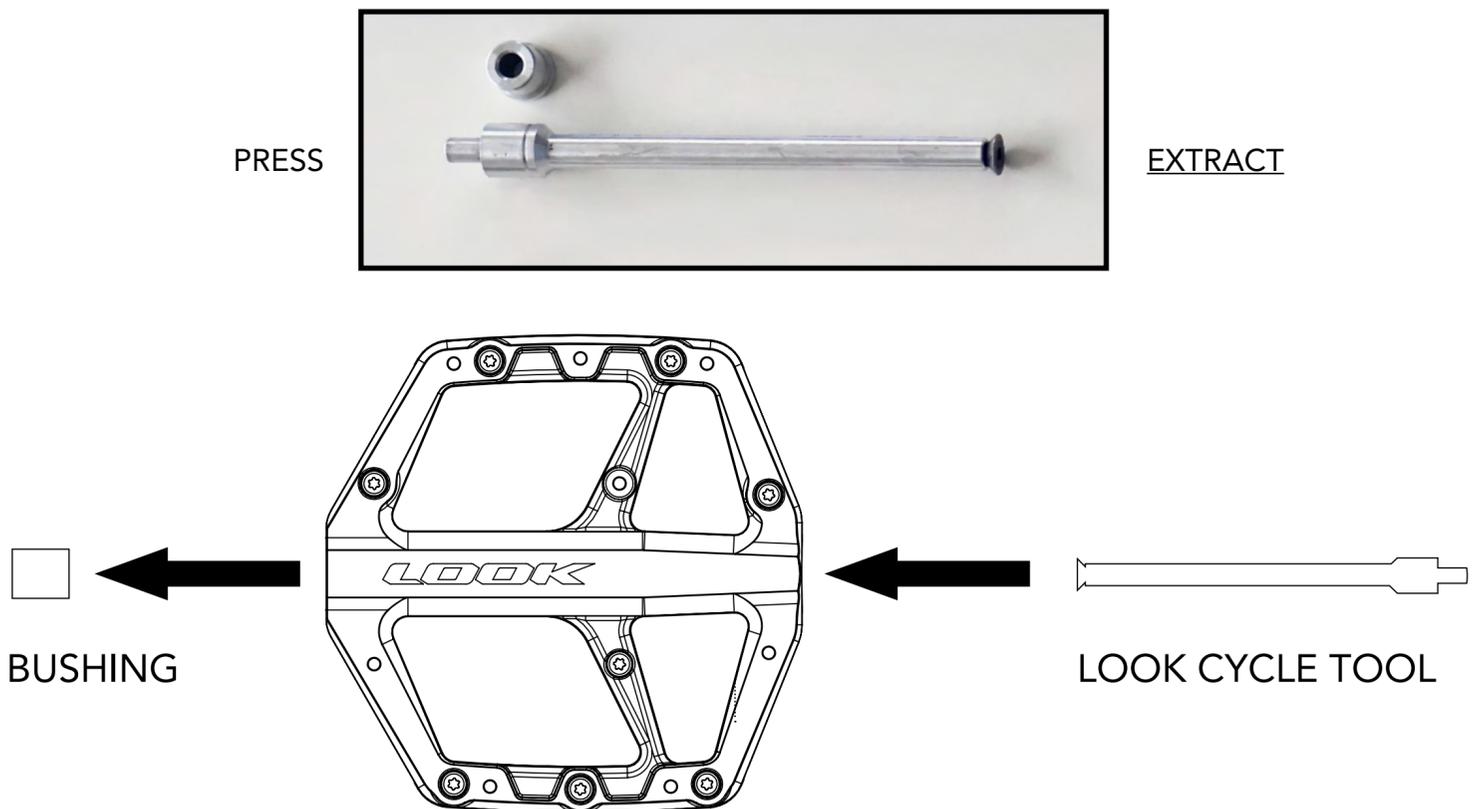


Bearings / Bushing Removal

06 07 08

Plain Bushing Removal

Insert the LOOK Cycle tool on the «EXTRACT» side into the pedal body through the outer side and position the tool's screw on the edge of the plain bushing.



Gently tap with a hammer until the bushing is completely removed.
Be careful not to damage the bushing seat.
Clean the inside of the body.

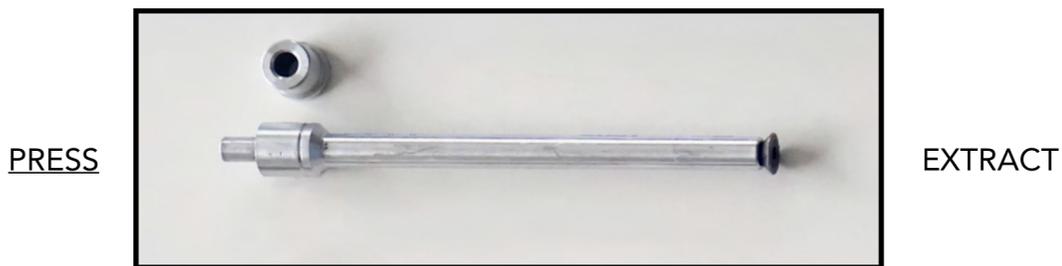


Reassembly of the Bushing and Bearings

07 **08** 09

Installation of the Plain Bushing

Insert the new plain bushing from the crank side using the LOOK Cycle tool, «PRESS» side, and the appropriate bushing centering element.



Make sure to check the insertion depth, identified by the groove on the tool (mark **A**).



Reassembly of the Bushing and Bearings

08 09 10

Installation of the New Bearings

Remove the centering element used for positioning the bushing from the LOOK Cycle tool.

Place the two new bearings onto the LOOK Cycle tool, «PRESS» side, and then press the bearings into the pedal body from the outer side.



Make sure to check the correct insertion depth of the bearings using the graduations (B) and by referring to [the table](#).



Insertion of the Axle into the New Body

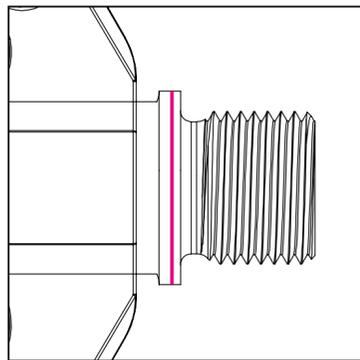
09 10 11

Apply a small amount of grease to the axle on the bearing portion.

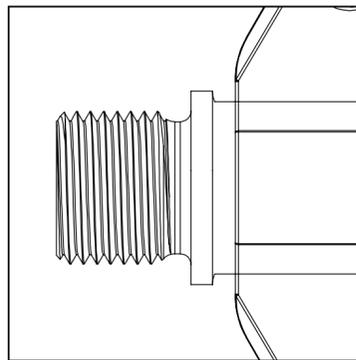
WARNING: Do not reverse the axles!

RIGHT AXLE: No groove after the threading.

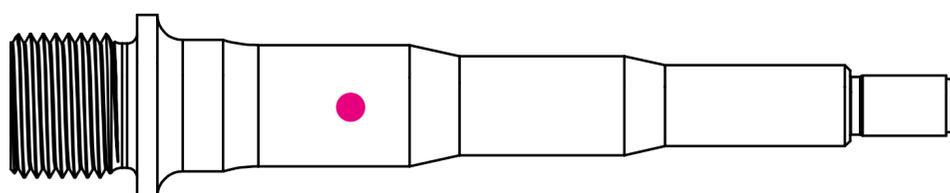
LEFT AXLE: **Groove** after the threading.



L



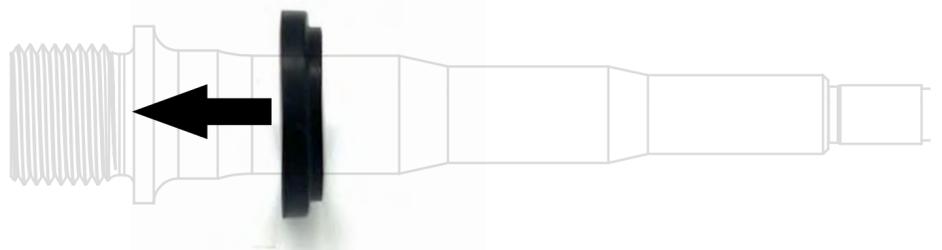
R



Insertion of the Axle into the New Body

10 **11** **12**

Insert the new seal with the lips facing the axle threading.



Push the axle into the body.

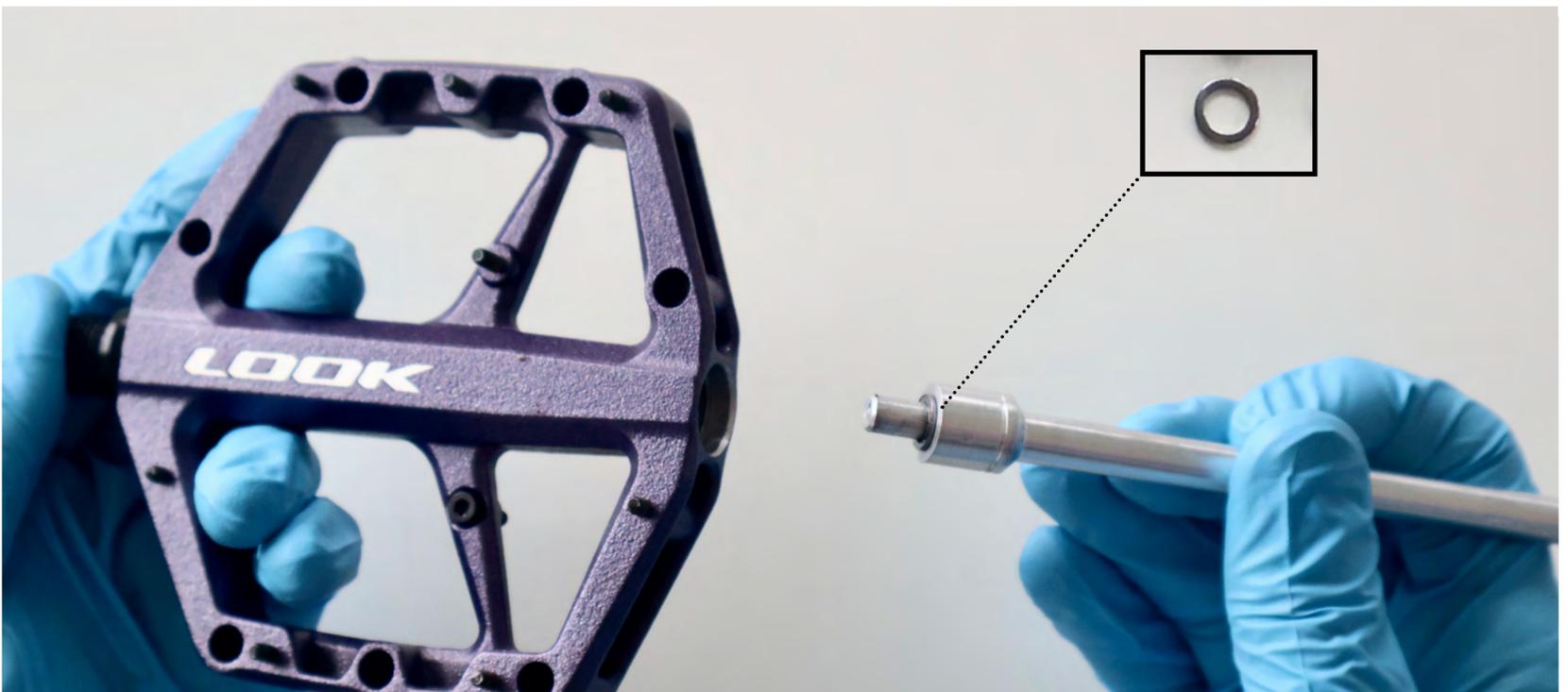


Assembly of the Washer and Axle End Nut

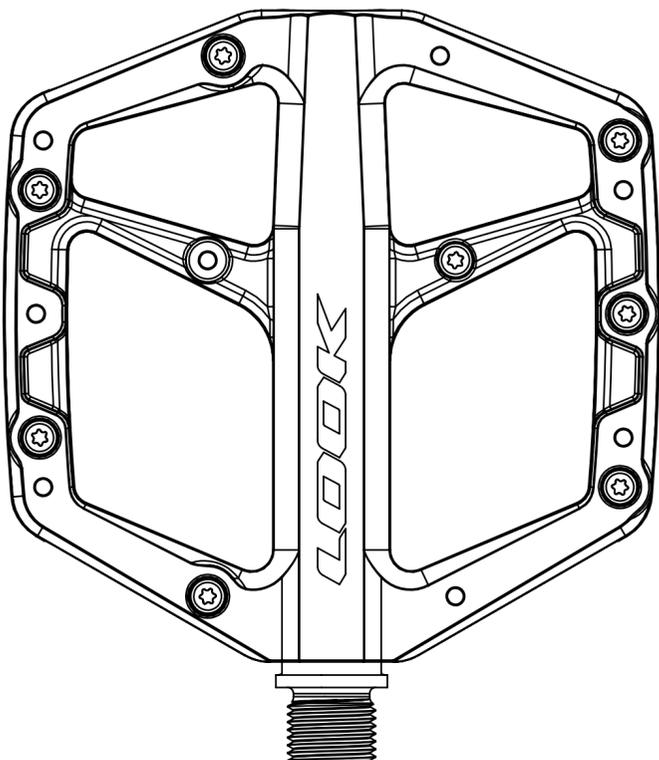
11 **12** **13**

Place the washer at the axle end:

- Use the LOOK Cycle tool to position the washer.
- The flat side should face the bearing, and the convex side should face upward.



WASHER



Use a new nut provided.

- Chrome nut / Right axle.
- Black nut / Left axle.



L

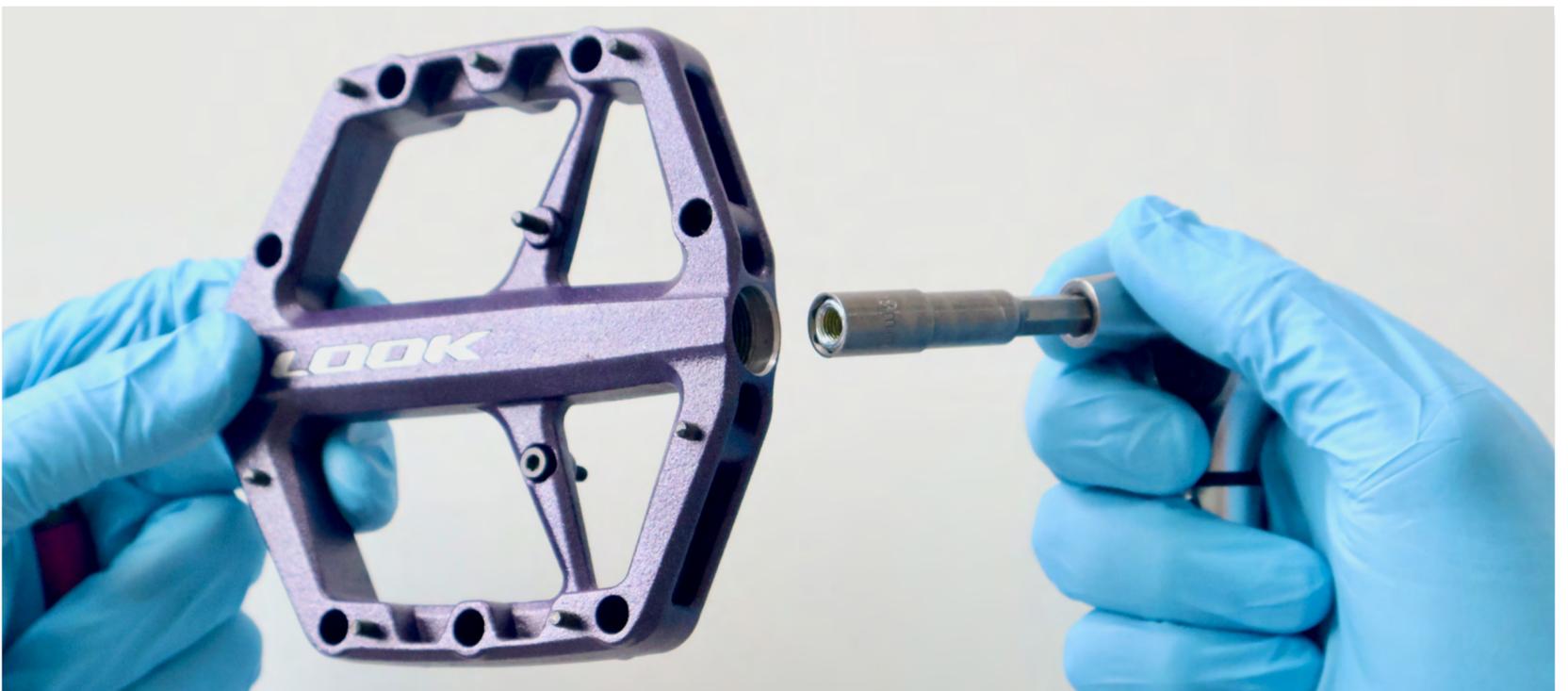


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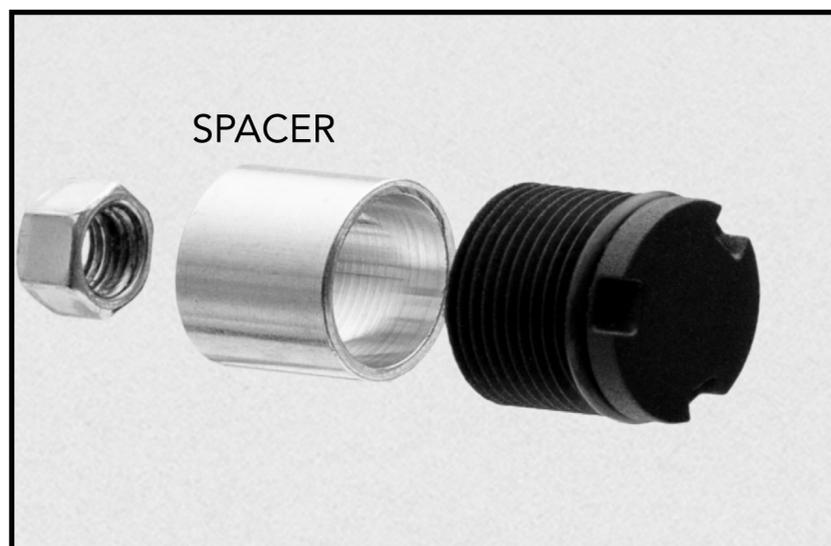
Tightening the Axle into the Body

12 **13** **14**

Tighten the axle end nut to **7 Nm** using a torque wrench and an **8 mm** socket wrench, while locking the axle with an **8 mm** Allen key.



Then, reinstall the aluminum spacer.

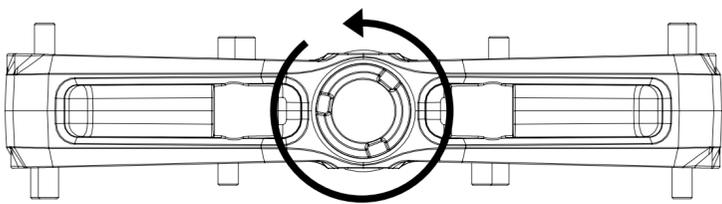


Screwing the Cap into the Body

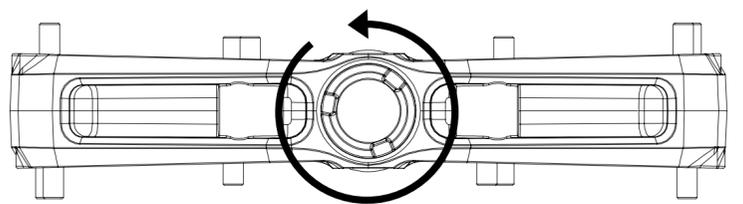
13 **14** **15**

Insert the cap by hand and ensure that it screws in straight.

Screw clockwise for both the right and left pedals.



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Tighten the cap to **4Nm** using the LOOK Cycle 3-point tool and a torque wrench with an **8mm BTR** bit.



Finalization and Verification

Check the rotation of the pedal, which should be smooth and free of play.

Clean the pedal and test it on the bike.

BEARING INSERTION DEPTH TABLE BY MODEL

| | MODEL | MARK | |
|---|----------------------|------|------|
| | | A | B |
|  | Trail Fusion | 21 | 12.5 |
|  | Trail Roc | 21 | 19.5 |
|  | NEW Trail Roc | 21 | 14.5 |
|  | Trail Roc+ | 21 | 12.5 |