

Thank you for purchasing this set FUNNDAMENTAL PEDALS.

Please read these instructions thoroughly before attempting to install this item.  
Proper installation is required for compliance with FUNN's warranty policy.

## TOOLS REQUIRED

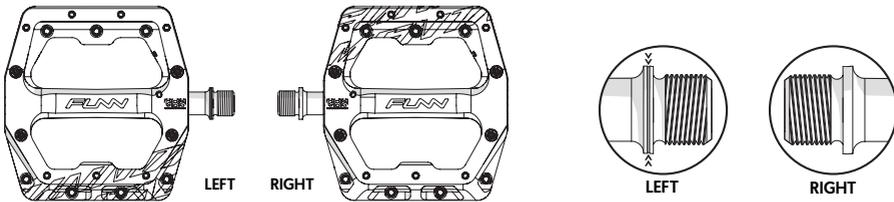
- Hex key 2mm
- Hex key 3mm
- Hex key 8mm
- Socket wrench 4mm

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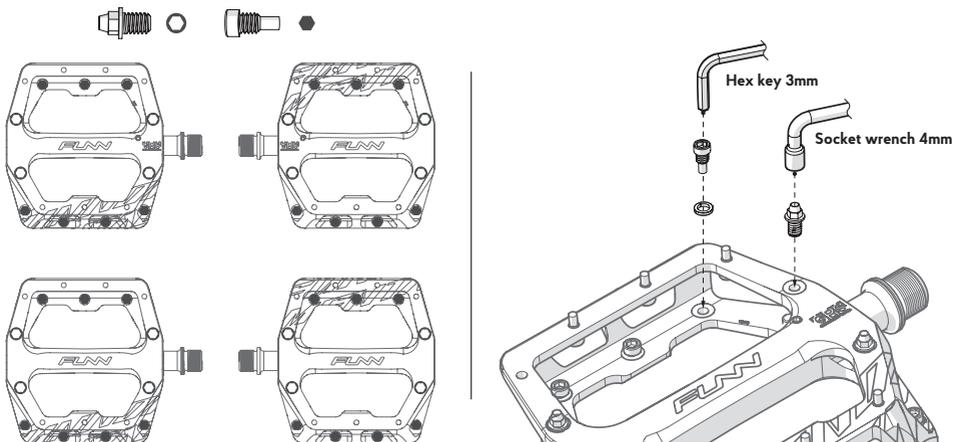
- |                  |       |        |                     |       |      |
|------------------|-------|--------|---------------------|-------|------|
| · Pedals         | ..... | 1 SET  | · Hex key 3mm       | ..... | 1 PC |
| · Traction pins  | ..... | 16 PCS | · Socket wrench 4mm | ..... | 1 PC |
| · Traction bolts | ..... | 28 PCS |                     |       |      |
| · Screw washers  | ..... | 28 PCS |                     |       |      |

## PEDAL INSTALLATION

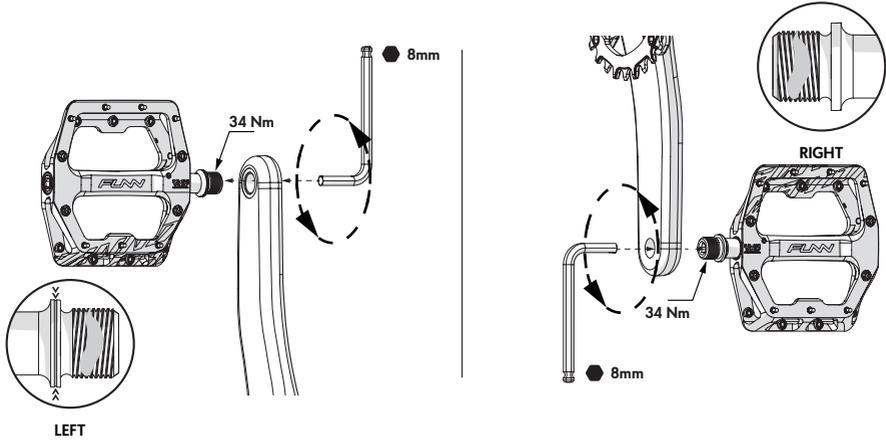
1. Identify the left and right hand side pedals. The left side pedal has a lathed mark on the axle head.



2. Install the traction bolts and pins with the 3mm hex key and 4mm socket wrench, respectively.  
You can fine tune the height of bolt with the 1mm washers. Do not use more than one washer per bolt.



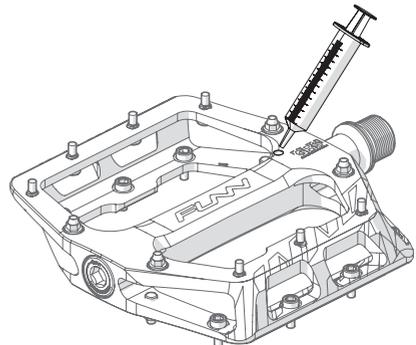
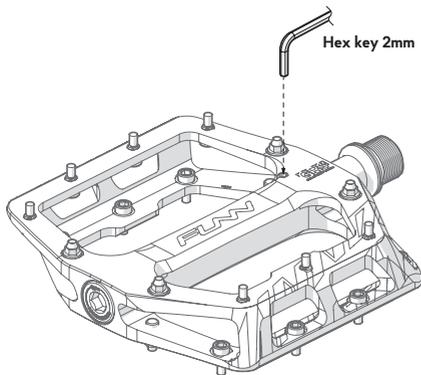
3. Lightly lubricated the axle thread with grease before installing onto the crankset.
4. Thread the axle into the crank hole with your fingers. Please follow the illustrated directions for tightening the left and right pedals.
5. Insert a 8mm hex key to further tighten the screw to 34Nm (300 lb-in) torque and avoid excessive force.



## GREASE RENEW SYSTEM

**FUNNDAMENTAL** features the GRS system to easily lubricate the bushing's.

1. Use 2mm hex key to remove the GRS bolt.
2. Lubricate the bushing with a syringe and wipe off the excessive oil.
3. Tighten the bolt back on to seal the GRS port.
4. The GRS is for light lubrication once in a while, we recommend a full rebuild every 6 months.



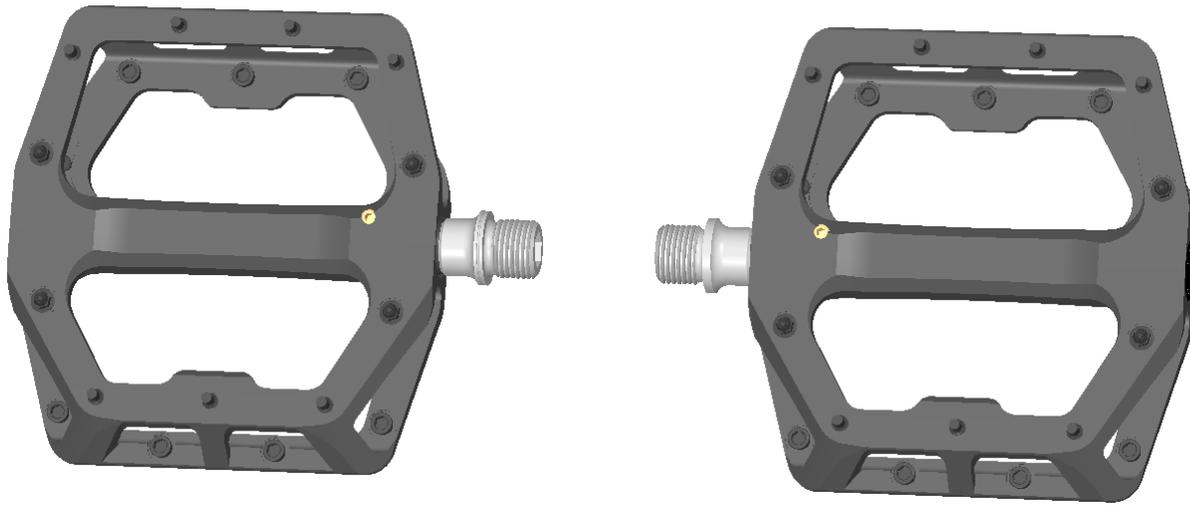


**FUNNDAMENTAL  
PEDAL**



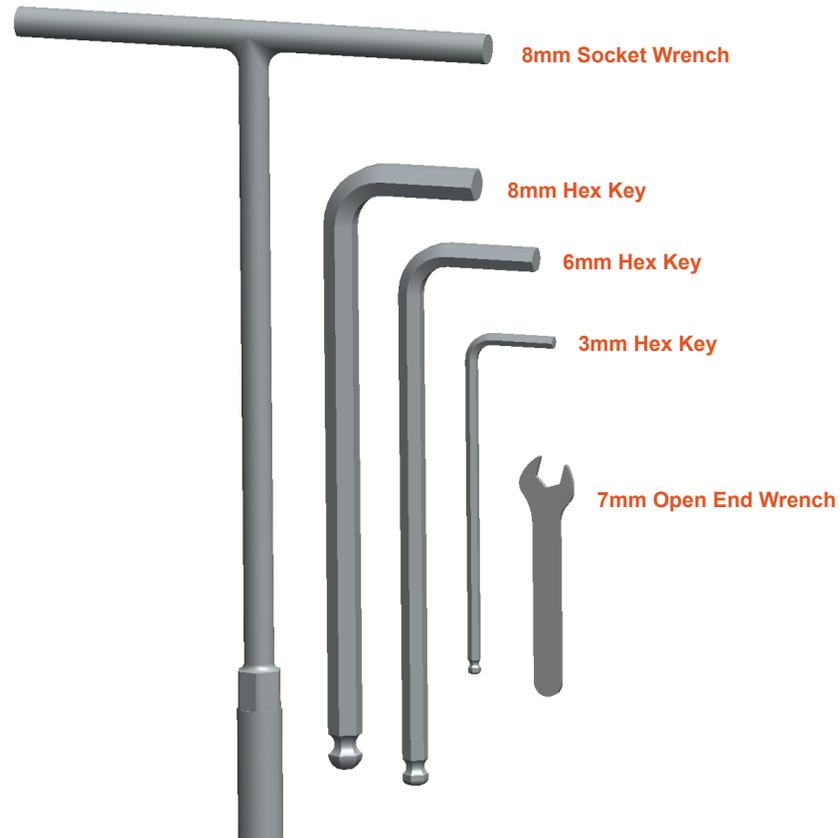
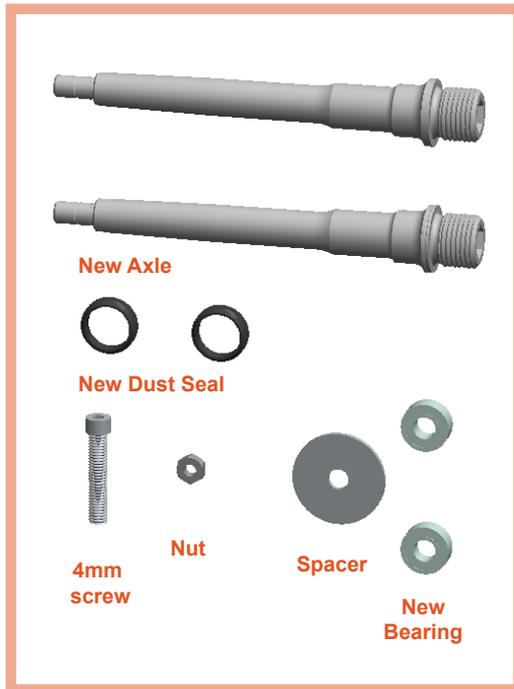
**Bearing / Axle Replacement**

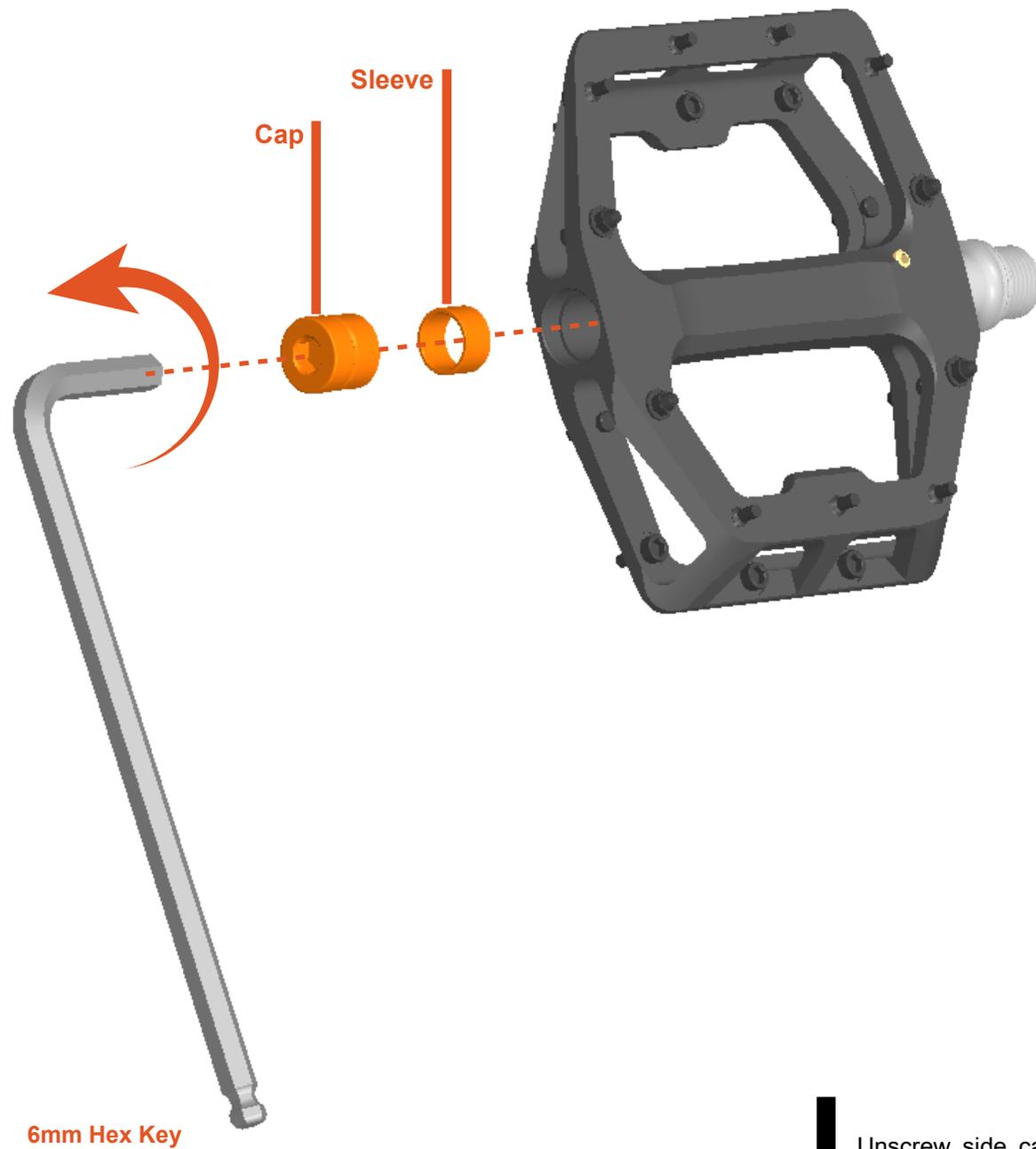
( Disassembly )



1. Use good quality tools to avoid stripping screw sockets.
2. When servicing your pedals, work on one side at a time to prevent parts from mixing up.
3. Reverse threads are indicated by drawings from both sides of the pedal. Please pay special attention when working on these parts.

## Axle Kit

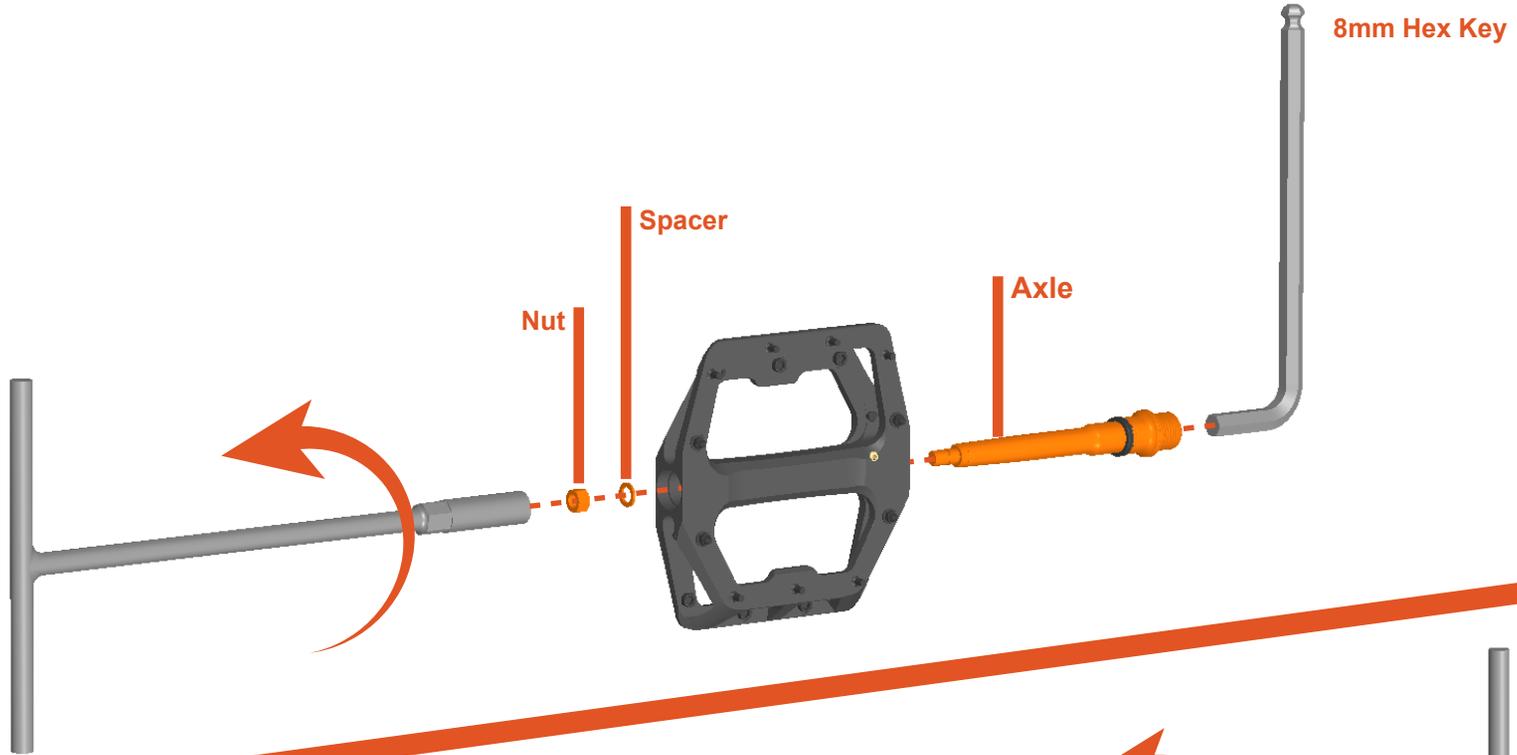




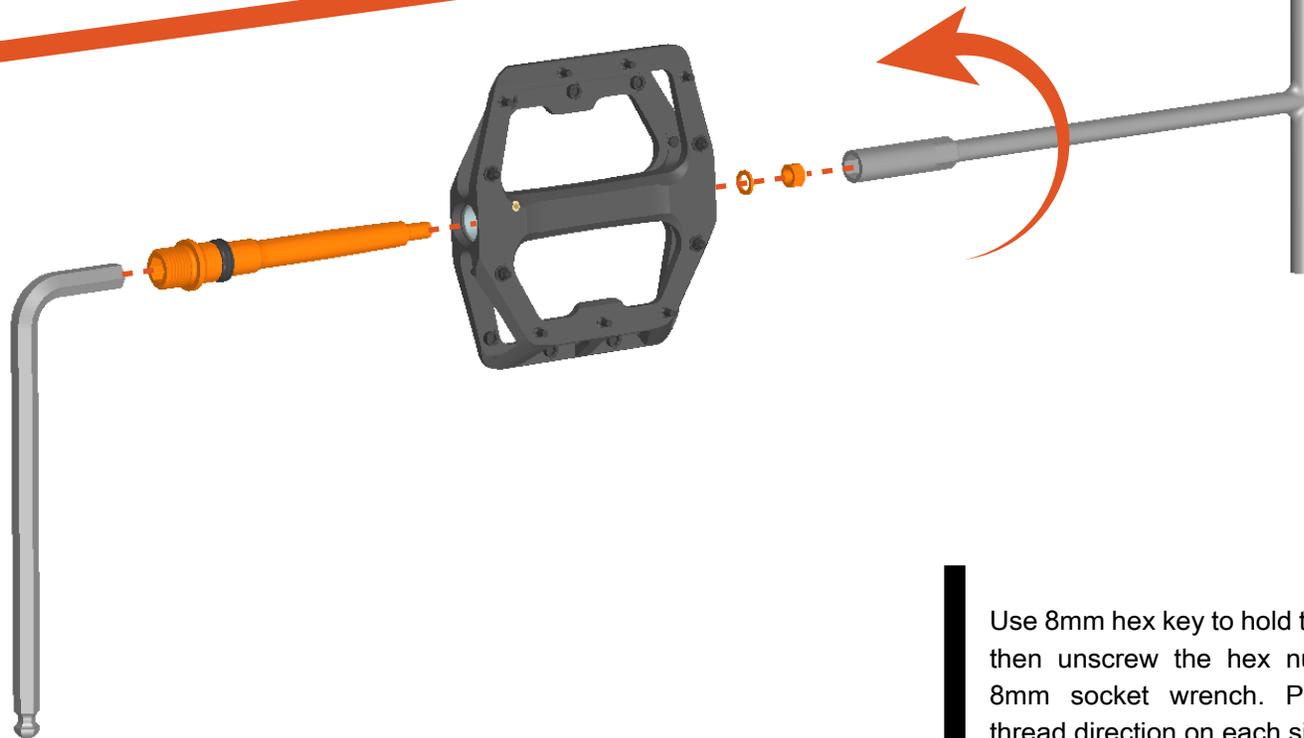
6mm Hex Key

Unscrew side cap and sleeve with 6mm hex key.

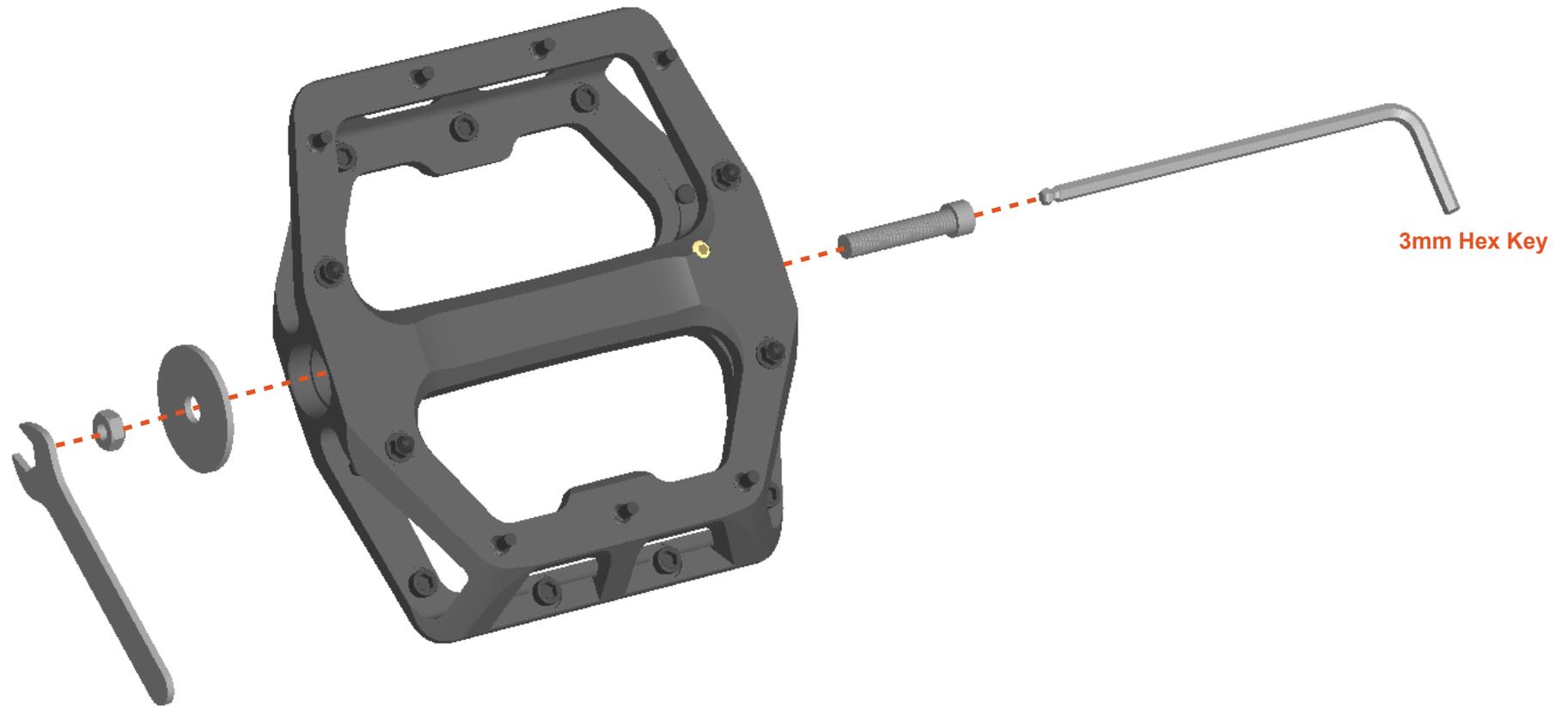
**Left**



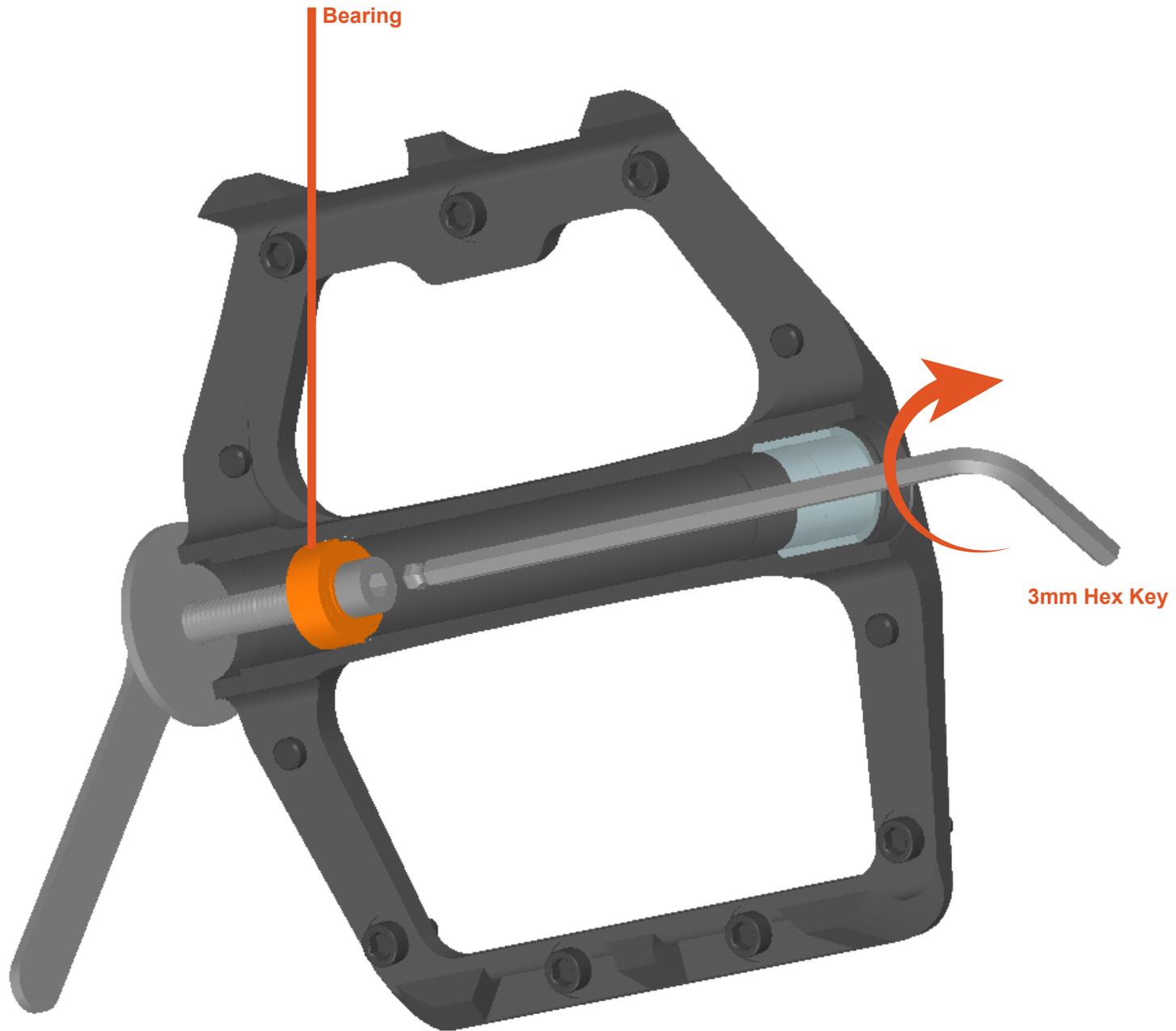
**Right**



Use 8mm hex key to hold the axle in place; then unscrew the hex nut by using the 8mm socket wrench. Please note the thread direction on each side of the pedal.



In this step we will remove the bearing from inside the pedal. First, insert the M4 screw into the pedal with the 3mm hex key, and assemble the washer and nut onto the M4 screw.



Use the 7mm Open End Wrench to hold the nut in place, and tighten the M4 screw with 3mm hex key. Keep tightening the M4 screw until bearing gets pushed out.



Remove the old bearing.

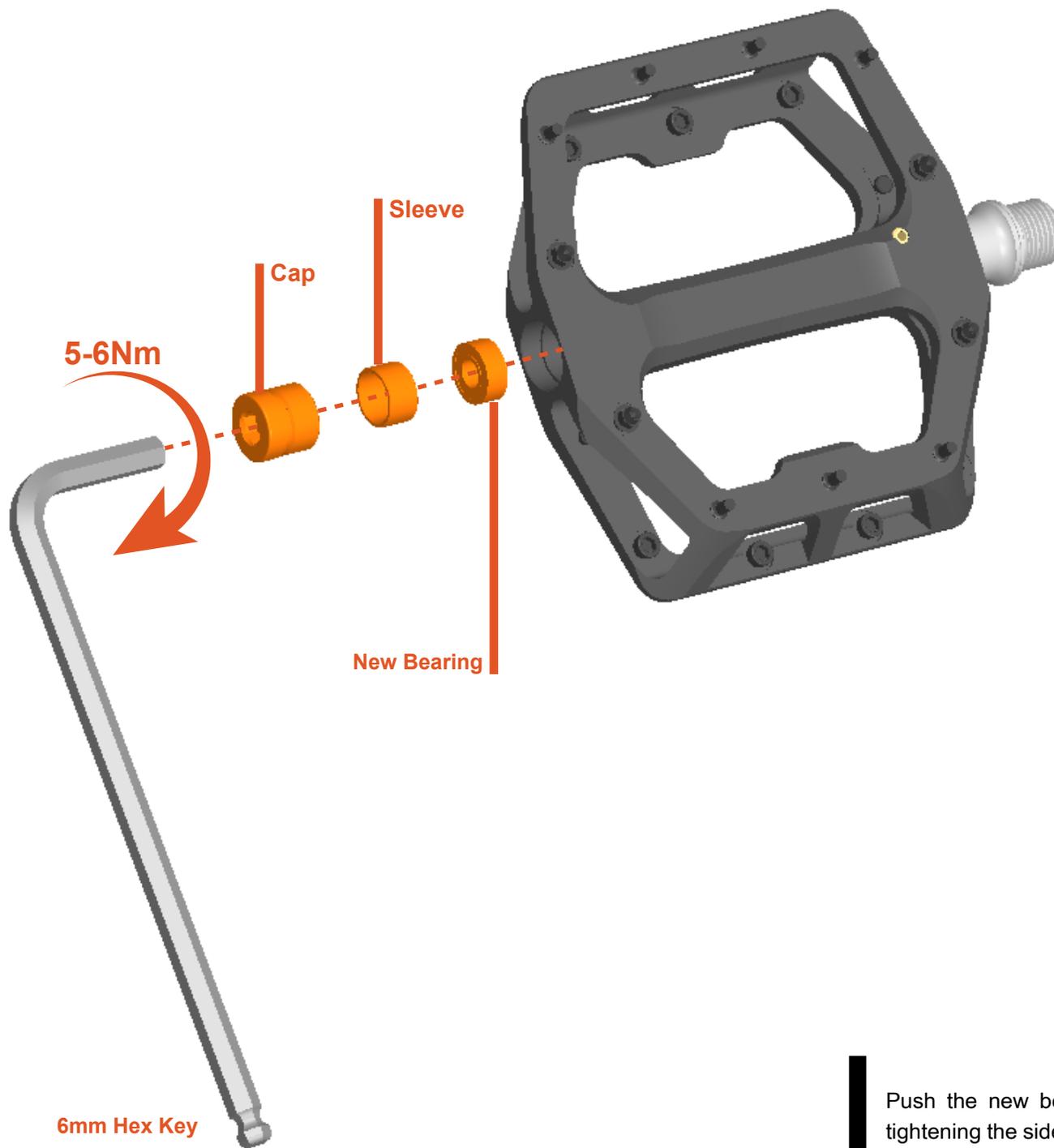


**FUNNDAMENTAL  
PEDAL**

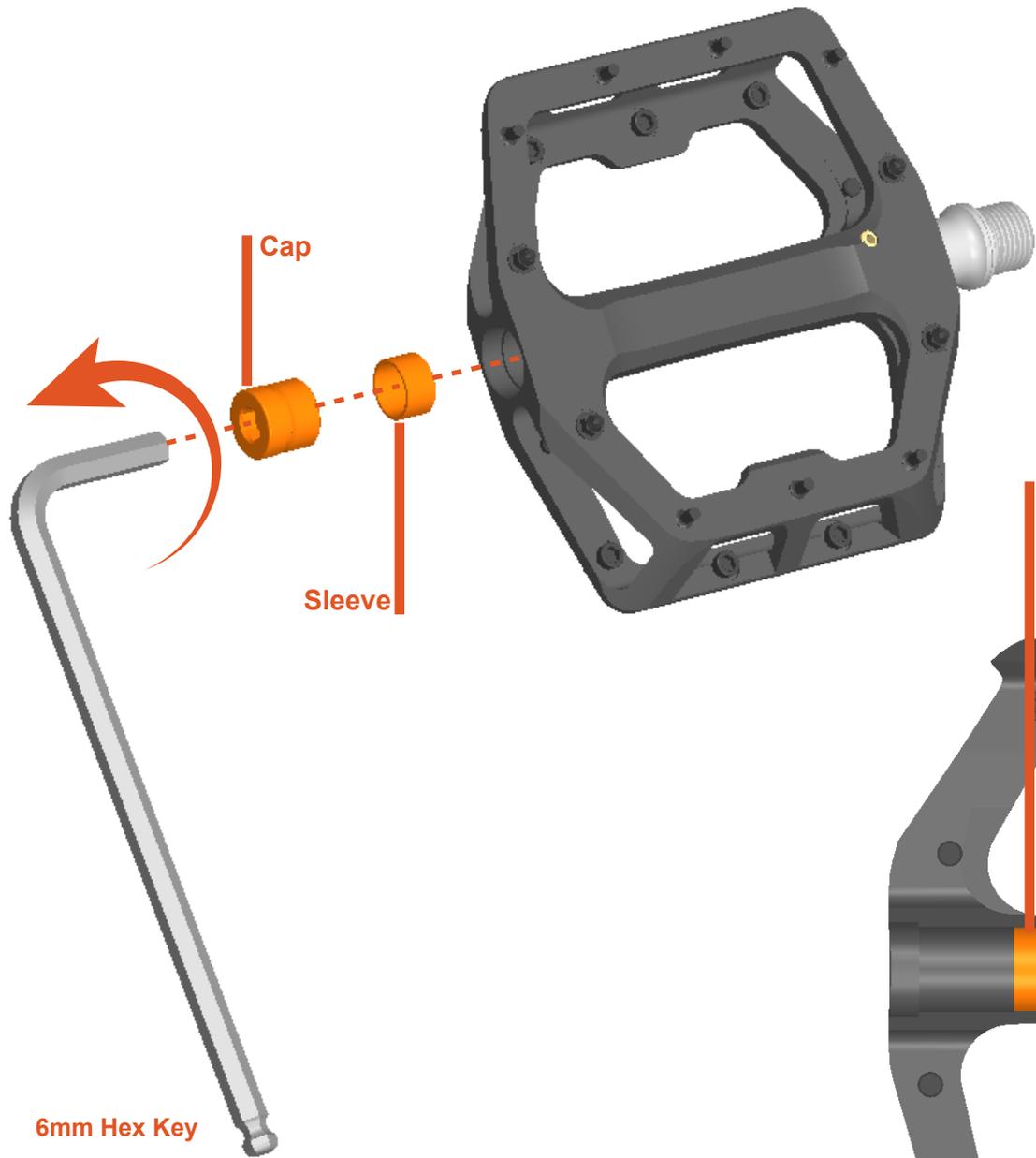


**Bearing / Axle Replacement**

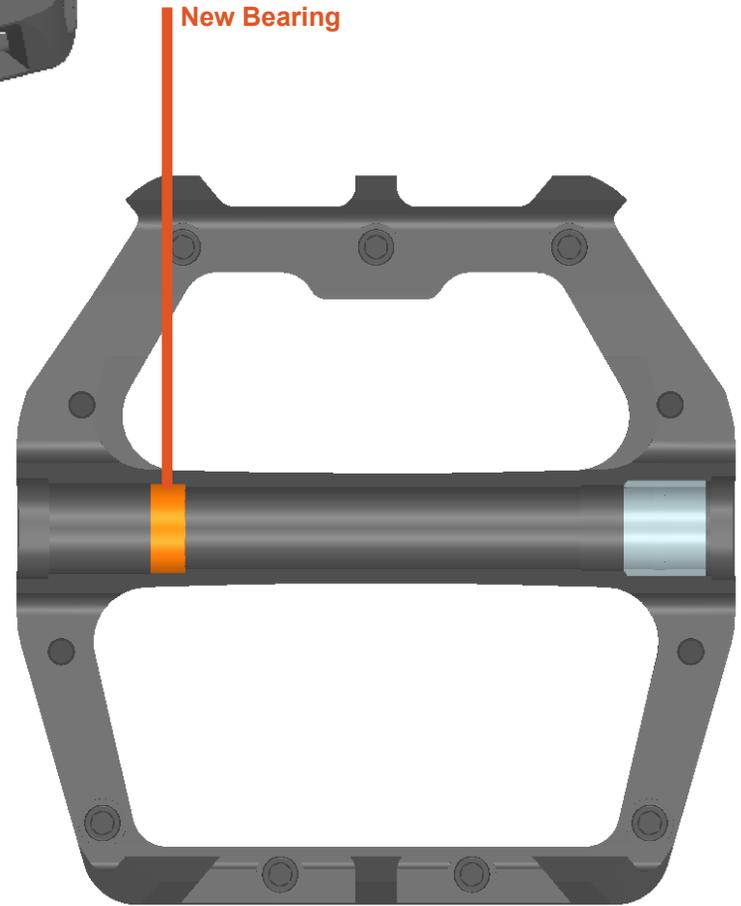
**( Assembly )**

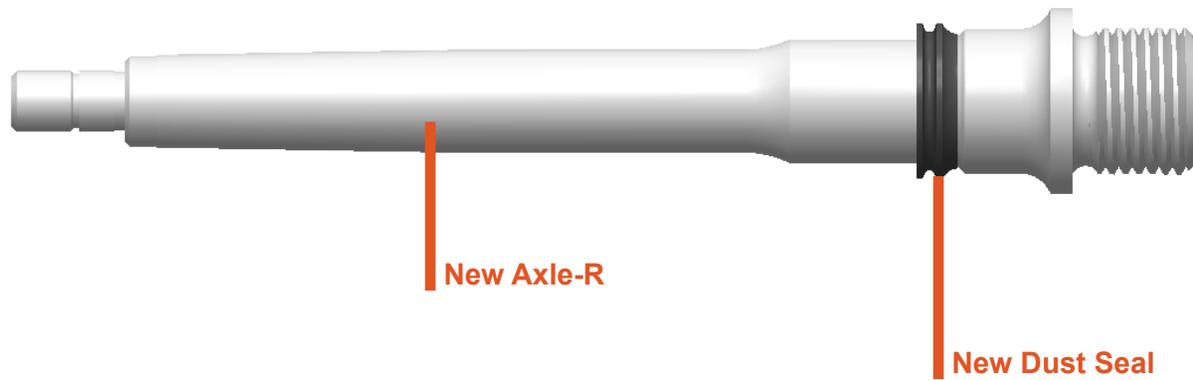
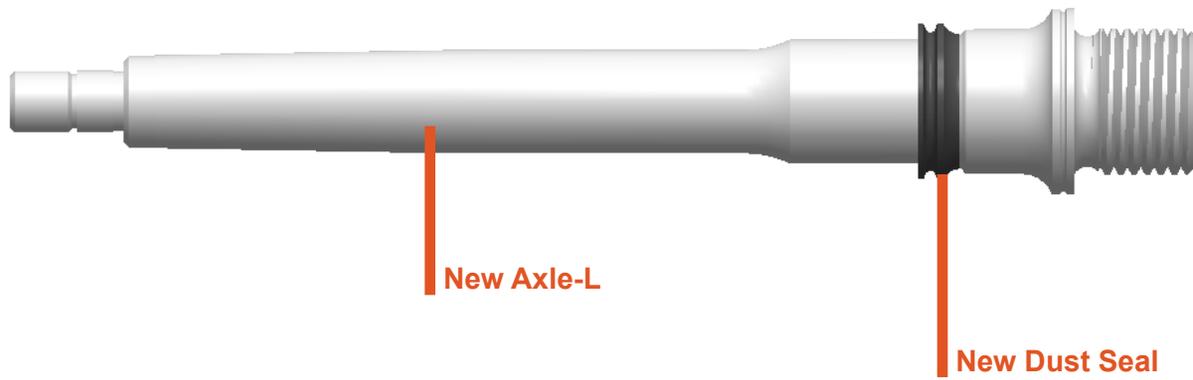


Push the new bearing into the pedal by tightening the side cap. Make sure the side cap absolutely bottoms out so that the bearing gets installed correctly.

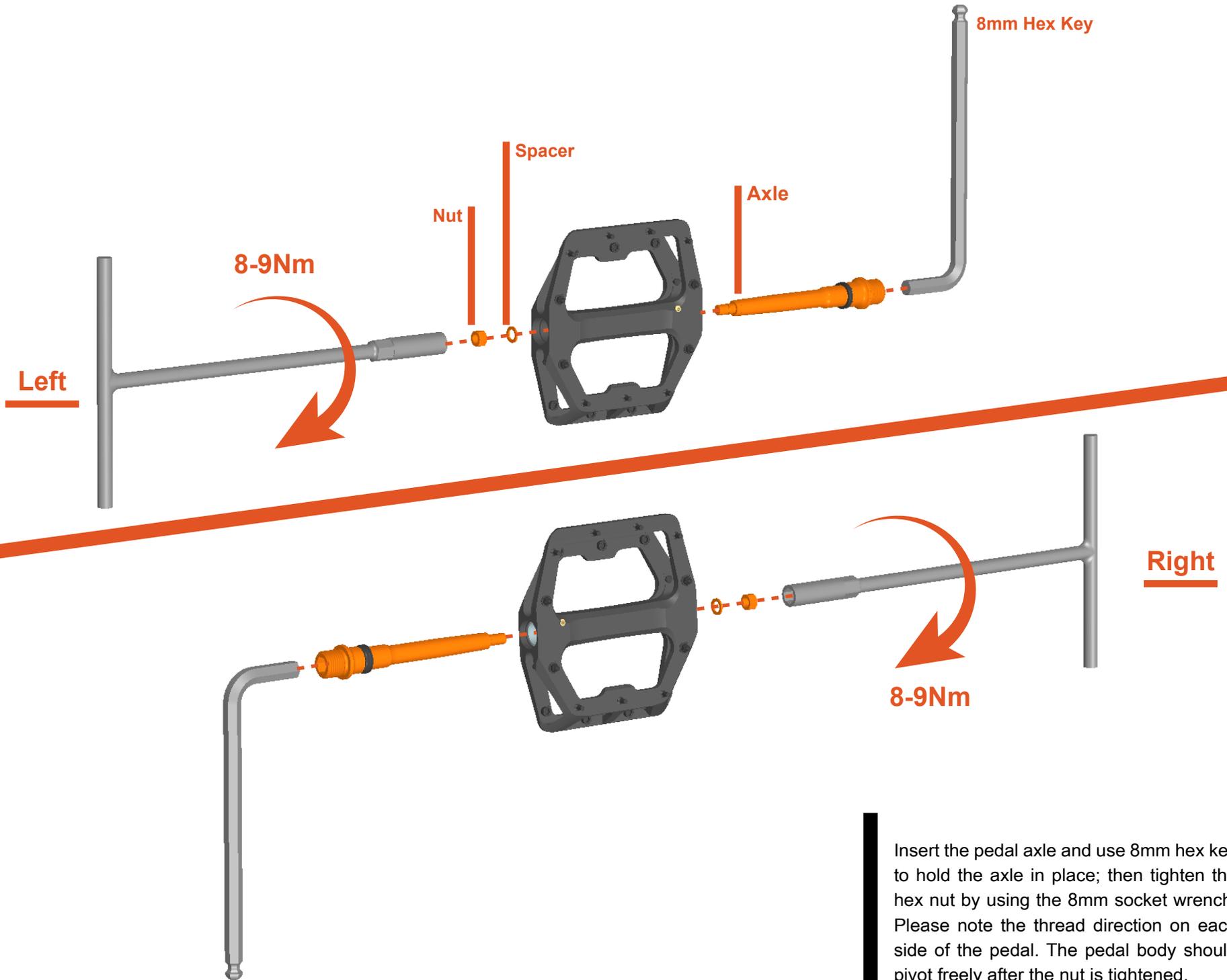


Unscrew side cap and check if the bearing has bottomed out in the bearing seat. If not repeat the last step until it has.

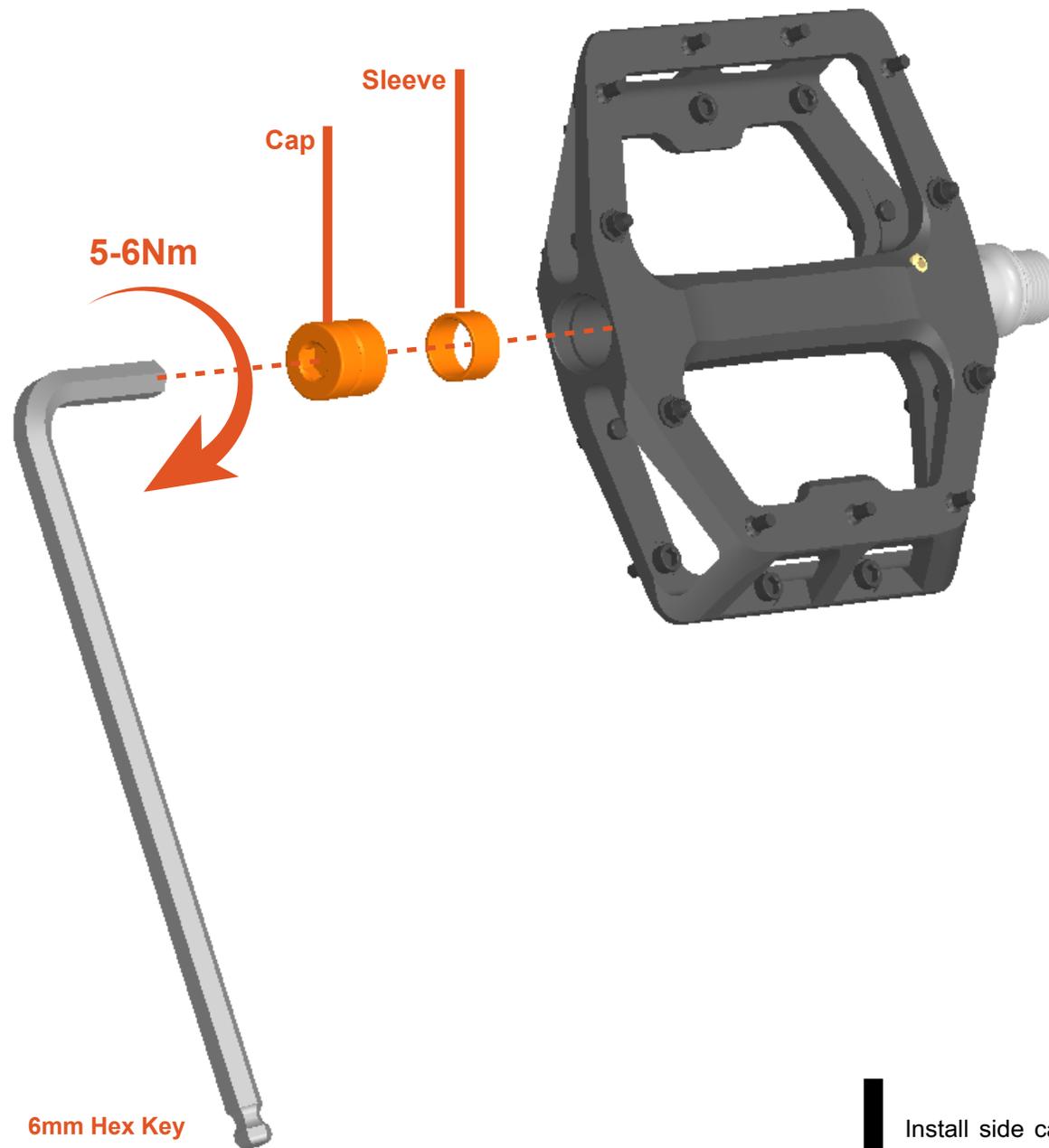




Install new dust seals onto the pedal axles and lightly grease the axle.



Insert the pedal axle and use 8mm hex key to hold the axle in place; then tighten the hex nut by using the 8mm socket wrench. Please note the thread direction on each side of the pedal. The pedal body should pivot freely after the nut is tightened.



Install side cap and sleeve with 6mm hex key.