

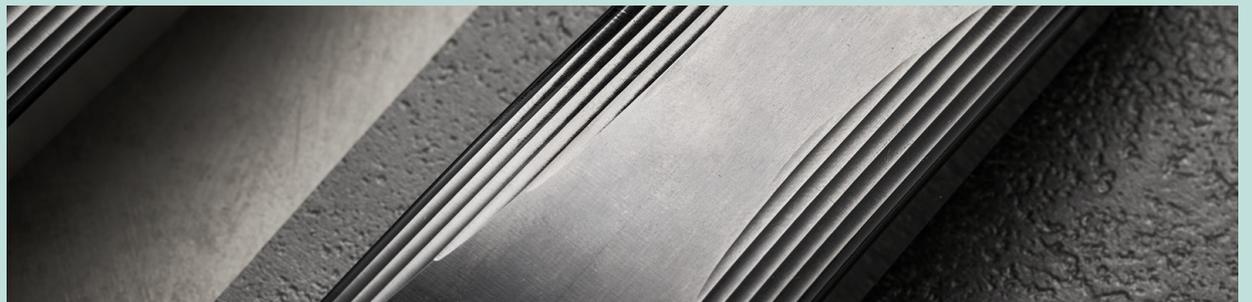
PIND

E-Bike Cranks

Assembly Guide



www.pinnd.co.uk





CAUTION Please ensure you read this guide before installing your cranks!

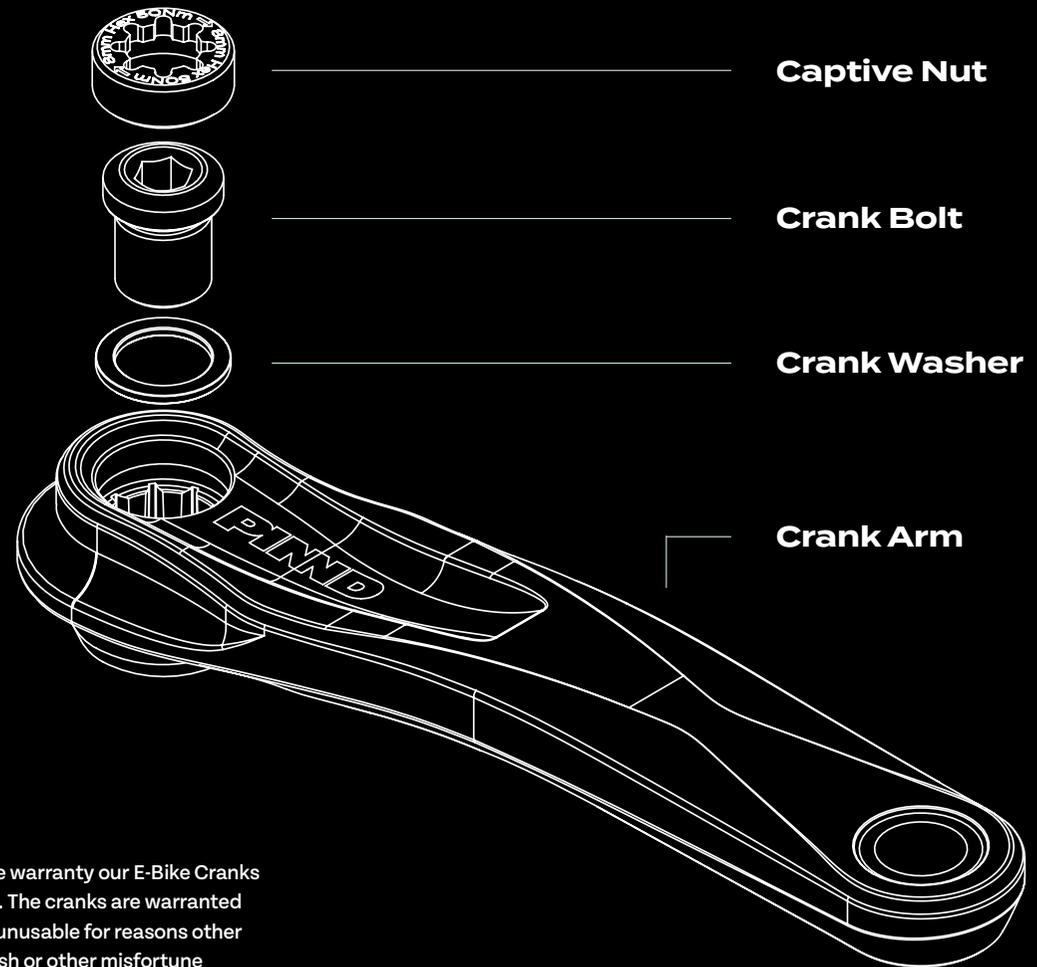
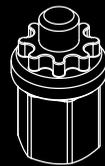
These instructions should be read thoroughly before installation. Riding bicycles can be dangerous. Failure to follow these instructions before installing and usage can result in severe injury or death.

Inside the box

- Drive Side Crank Arm
- Non-Drive Side Crank Arm
- 4x Washers
- 2x Crank Bolts
- 2x Captive Nuts

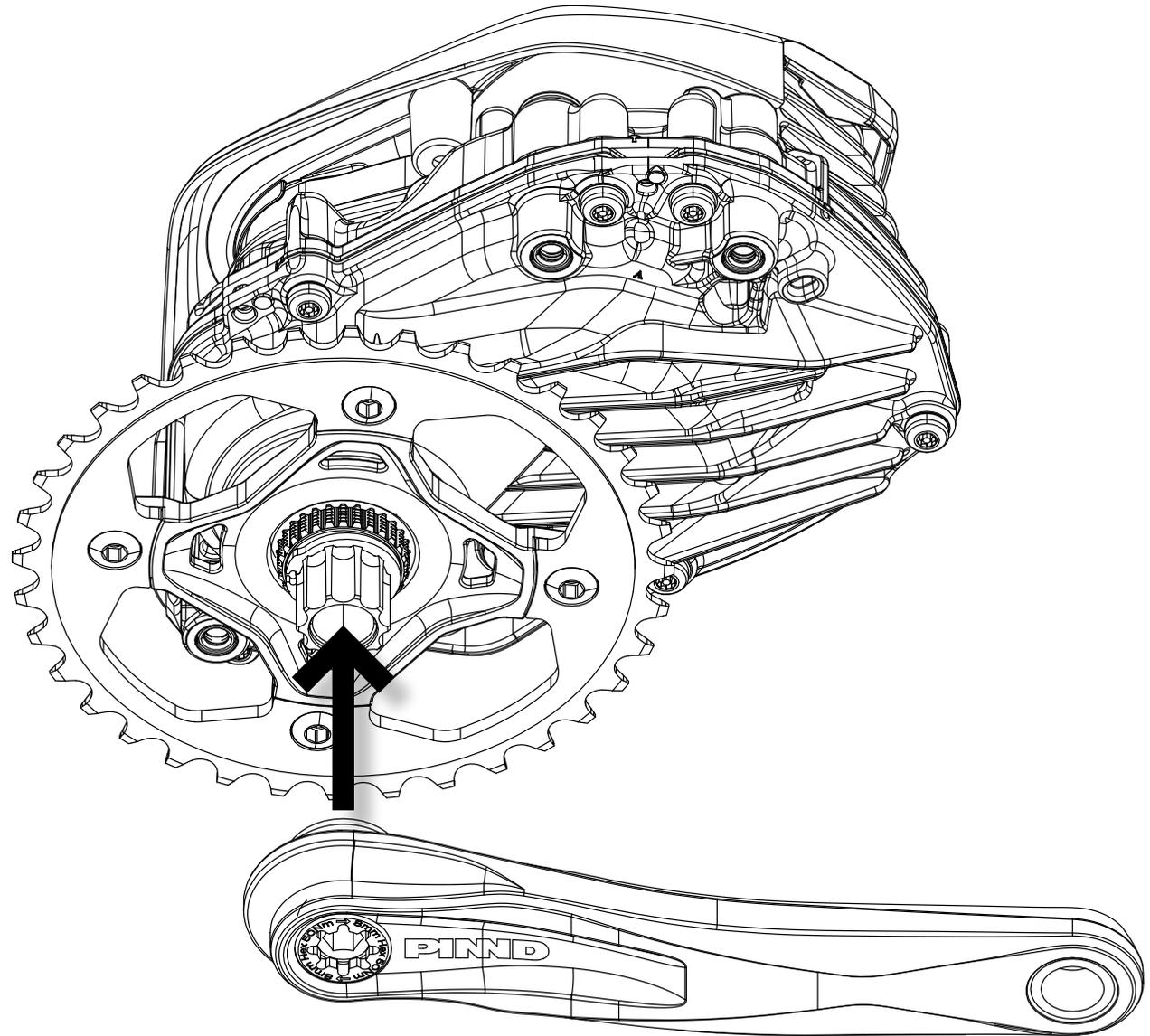
Tools Required

- 8mm Hex
- Torque Wrench with 8mm Hex
- Captive Nut Tool (if changing Captive Nut)



Warranty

These carry our Cranks For Life Warranty. Excluding crash damage or incorrect installation, we warranty our E-Bike Cranks for a lifetime. In the unlikely instance they fail, we'll replace them or repair them free of charge. The cranks are warranted to be free of material and workmanship defects. The warranty ends when the cranks become unusable for reasons other than defects in workmanship or material. Should you damage a set beyond repair through crash or other misfortune we will replace them at a price of 50% of your original purchase price. We do not cover any failures caused by misuse, modification or abnormal wear and tear. Neither do we have any responsibility for incidental or consequential damages.



1

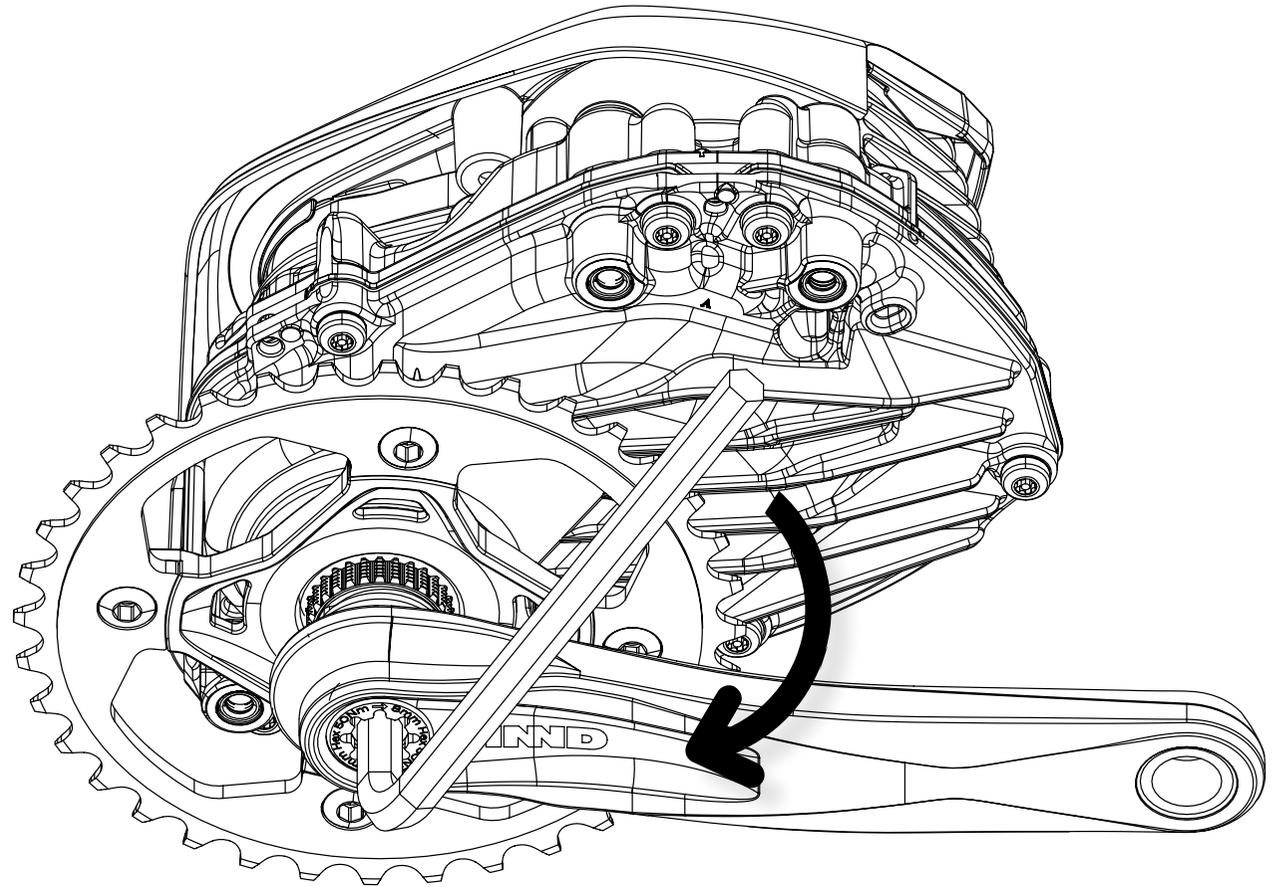
Ensure you have correct crank arm before installation, identify which one is your **LH** and **RH**. Clean and lightly grease the spindles on your motor before installation.

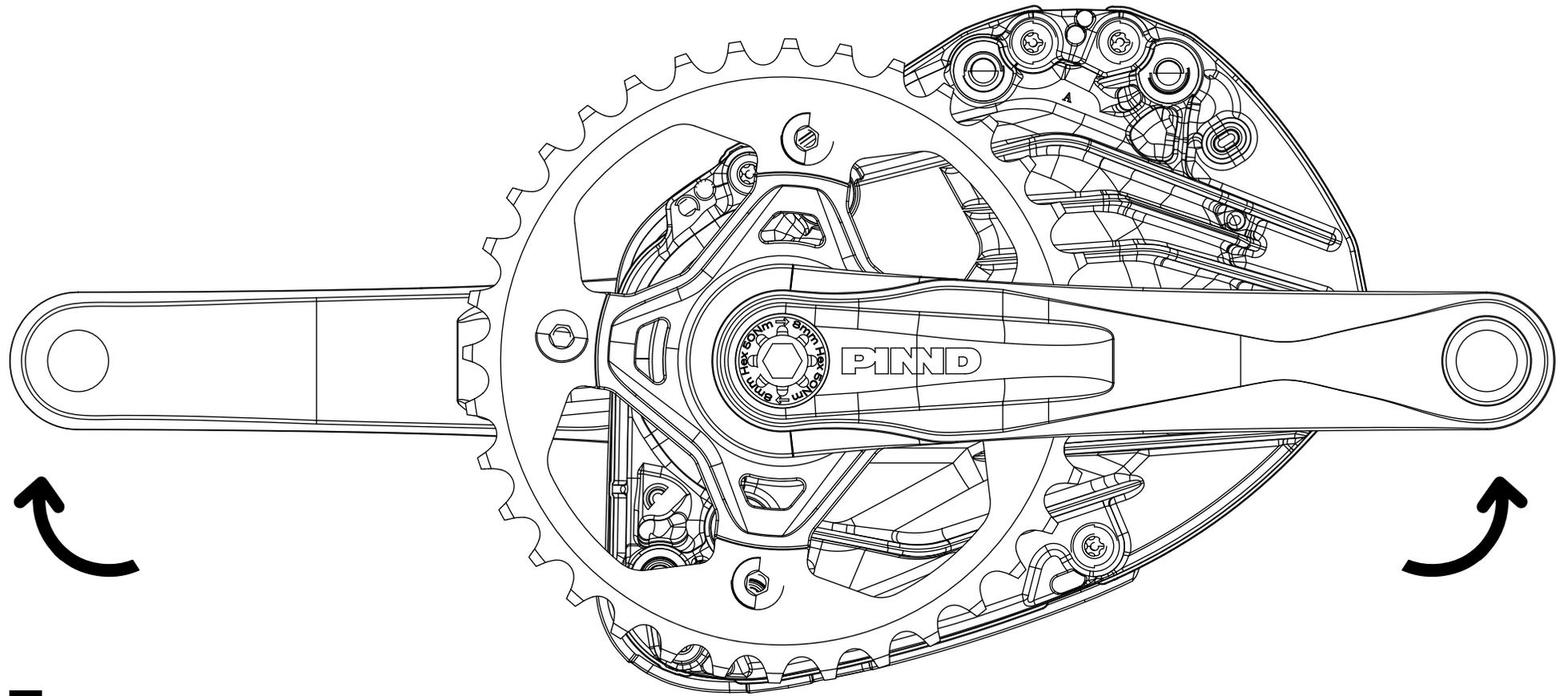
2

Install by using an **8mm hex** in the crank bolt.

3

Using a torque wrench fasten to **50 Nm** or until the crank is fully pressed up against the ISIS spline shoulder.





4

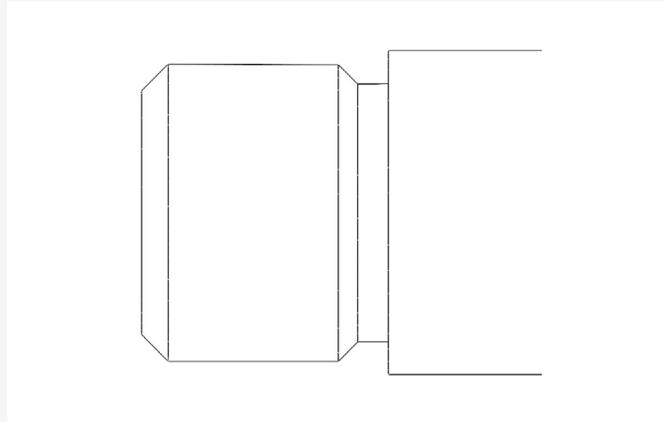
Repeat for the other side crank.
Install cranks 180 degrees
opposed to each other.

180°

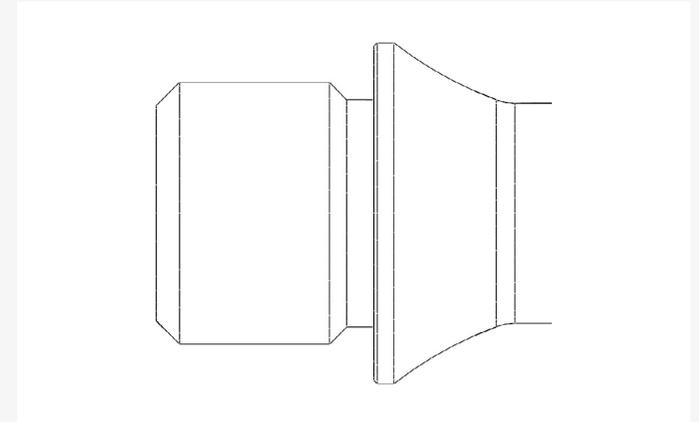
Crank Washer Guidelines

IMPORTANT Please follow relevant manufacturers instructions for pedal installation. We provide pedal washers to avoid damaging the crankarm. Some pedal axle designs have an integrated washer, in this case washers are **not** required.

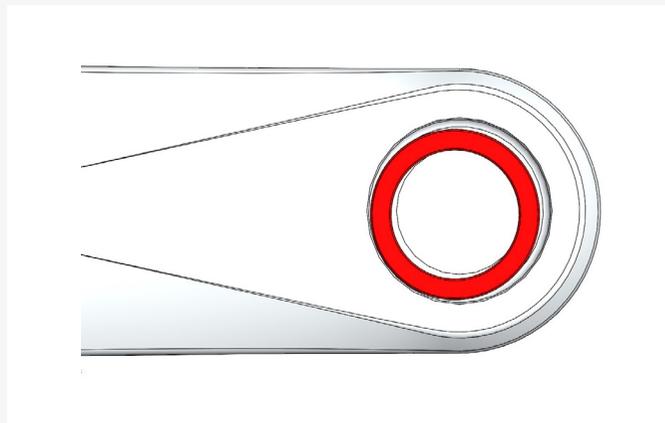
When using the pedal washers take care to centre the washer in the counter bore, not doing this could cause damage to the crankarm.



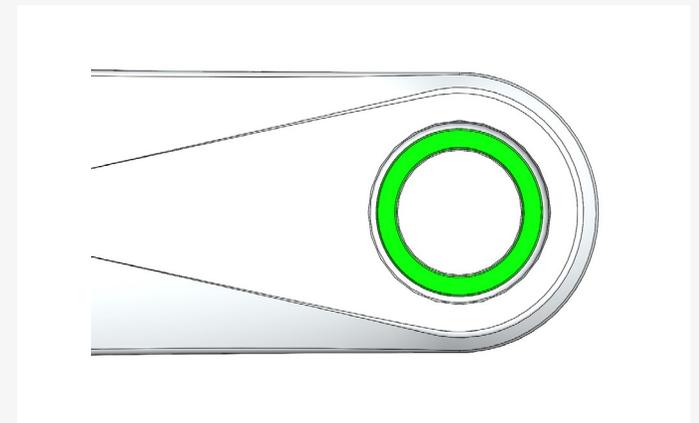
Washer required



Washer **NOT** required



Incorrectly seated



Correctly seated



PINND

Compatibility and Q-Factors

PINND E-bike ISIS cranks are compatible with most e-bike systems using the ISIS spline interface. Namely Bosch systems (gen 2/4, excluding gen 3 mini-ISIS Bosch spline shaft), Yamaha PW-X systems and Brose systems.

With Bosch systems Q-Factor should be **186mm**, with Yamaha **176mm**. For Brose systems the Q-Factor will be much larger, Q-Factor will be **200mm**. We plan to offer a narrower offset version with better compatibility in the future.

Specialized systems use a different crank offset on drive side and non-drive side, currently we do not offer cranks like this.

PINND

If you require further
information or assistance
on the fitting of your E-bike
cranks please contact

info@pinnd.co.uk





PINND

For more information on PINND please contact:
Cuparmuir Industrial Estate, Cupar, Fife, KY15 5RL
E: info@pinnd.co.uk | **T:** 01334 654070 | **W:** www.pinnd.co.uk