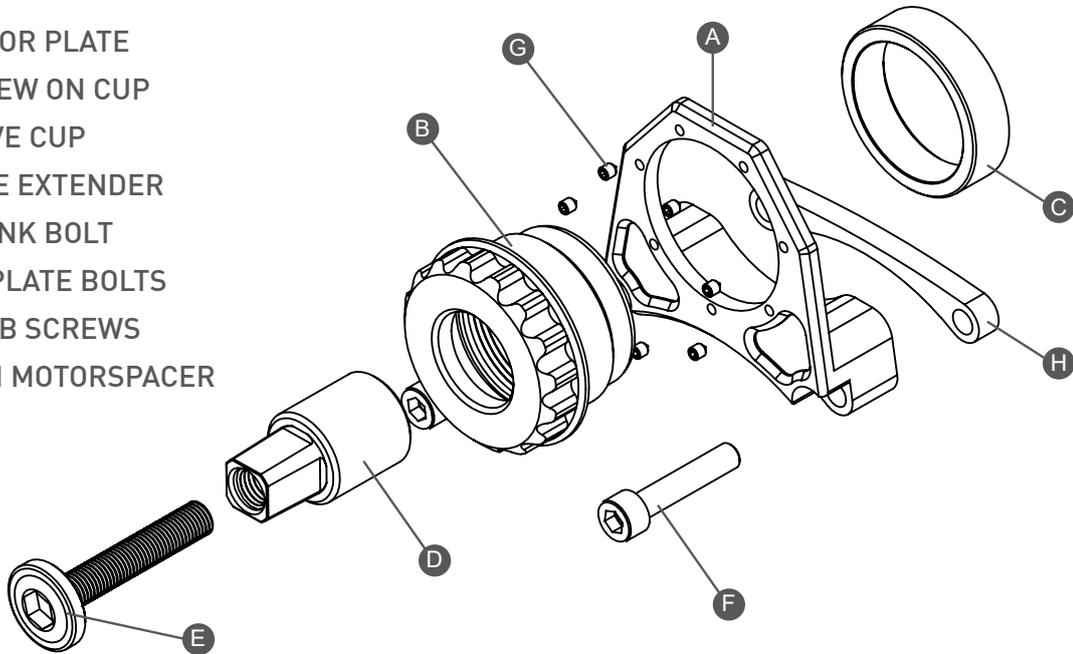


TIPS AND TRICKS

FOR LEKKIE BB86/92 ADAPTOR COMPATABLE WITH **BAFANG BBS01, BBS02, BBSHD MOTOR AND 41MM BB86/92 BB FRAMES**

INCLUDES

- A** 1X MOTOR PLATE
- B** 1X SCREW ON CUP
- C** 1X DRIVE CUP
- D** 1X AXLE EXTENDER
- E** 1X CRANK BOLT
- F** 2X M6 PLATE BOLTS
- G** 7X GRUB SCREWS
- H** 1X 6MM MOTORSPACER



TOOLS REQUIRED

- 1.5mm hex key
- 5mm hex key
- Bearing press
- 16 notch Bafang Socket
- All purpose lithium grease
- Loctite 243

When installing the Lekkie BB86/92 Adaptor you will require some tools and some hands on experience with your motor. If you do not the have required tools, confidence or skills to install this take your motor to your local bike shop or engeering shop and they should be able to help you out.

INSTALL TIPS

Here are some tips to keep in mind while completing the install.

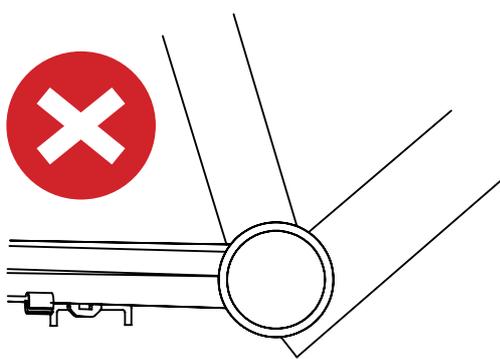
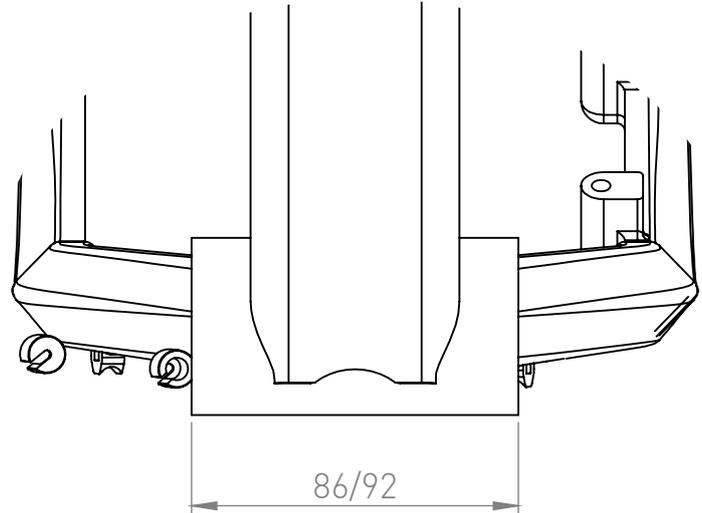
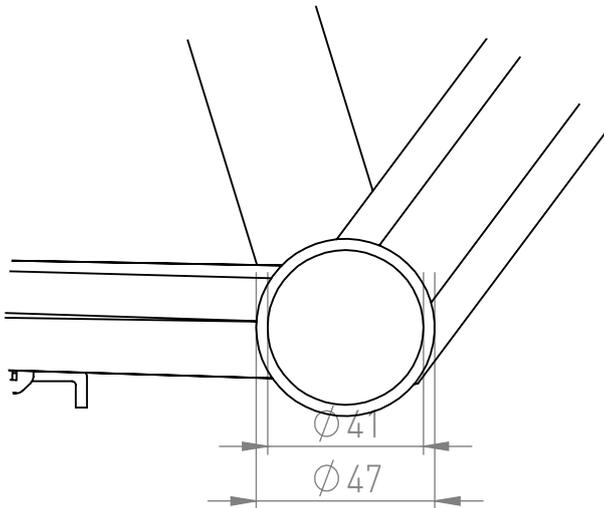
- To keep everything running smooth end easy to maintain make sure you grease all metal to metal surfaces.
- Always grease the axle taper before install cranks.

FRAME GEOMETRY

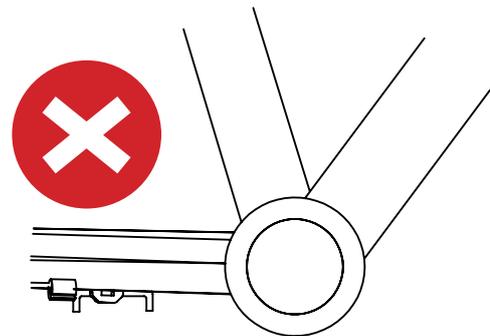
This adaptor will only work with certain frame geometries. If your frame does not fit these specifications the adaptor or motor will not fit your frame.

Ideal BB Diameter - note 47mm outer fits inside a recess in the motor. If your frame is 48mm it will work, it will add 2mm offset. Larger than 48mm, the motor will bottom out on other parts of the motor.

Ideal BB widths - note if 92mm BB you will need a Lekkie 6mm Motorspacer.



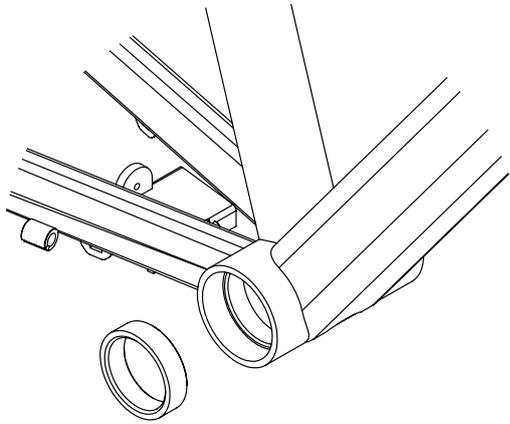
Protruding tubes, chain guide mounts or welds may get in the way of the motor.



Carbon frames often have a lot of reinforcing under the BB of the frame the motor can not fit

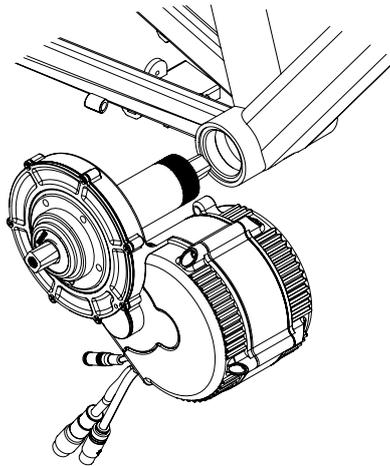
INSTALL

Install is reasonably straight forward, just a few extra steps from a standard conversion. Do not force any parts and if you are unsure, stop the assembly and contact us.

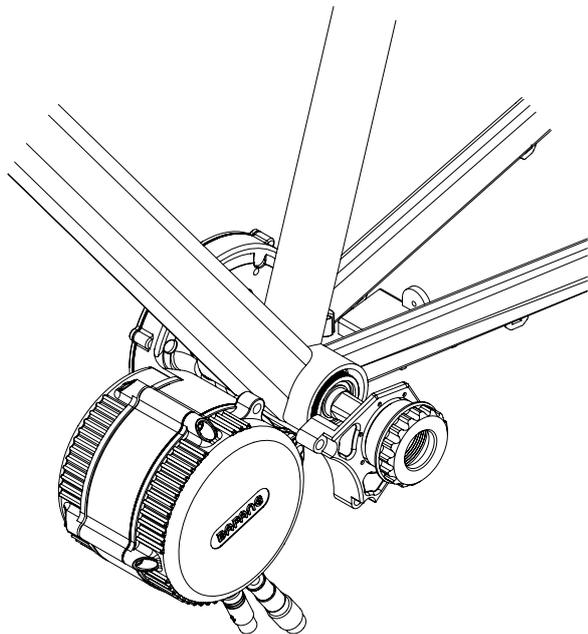


1. Grease and press the Drive Cup into the right side of the frame. It should be pressed hard against the inner lip.

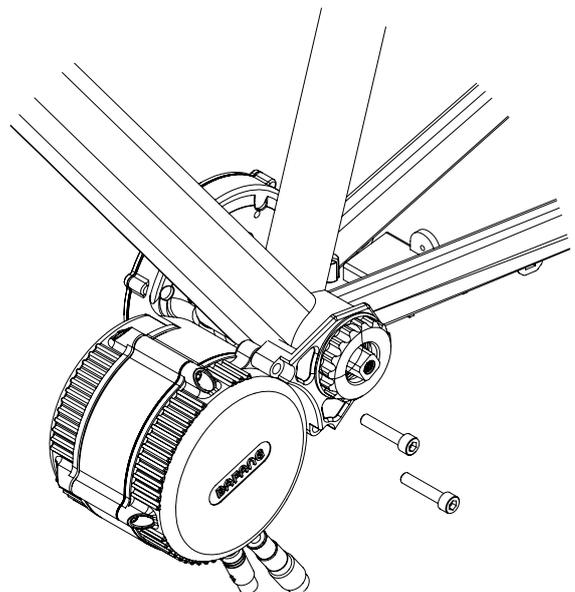
Note: There may be a gap between the outer edge of the frame and the cup, this is fine.



2. Grease motor body shaft and slide through from the right hand side.



3. Grease the inside of the frame on the left side. Slide the Motor Plate onto the Screw On Cup and screw onto the motor loosely so that the motor can still rotate.

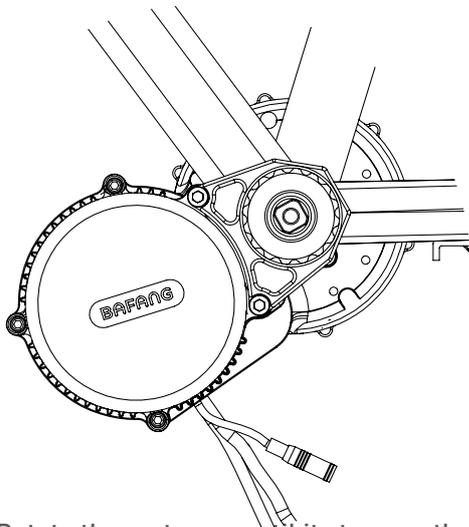


4. Loosely screw in the 2x M6 Plate Bolt.

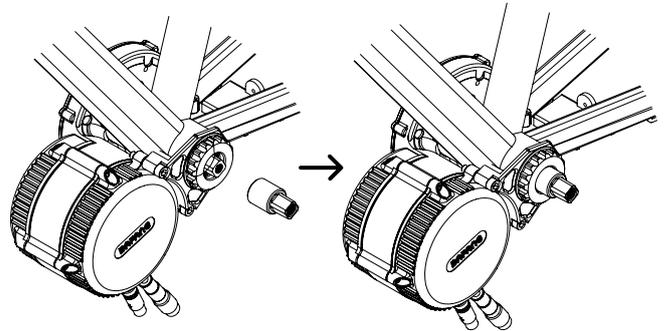
Note: If you are installing on a 92mm wide frame use the Motorspacer. If you are installing on a 48mm outer diameter motor you will need to add a 2mm spacer.

INSTALL

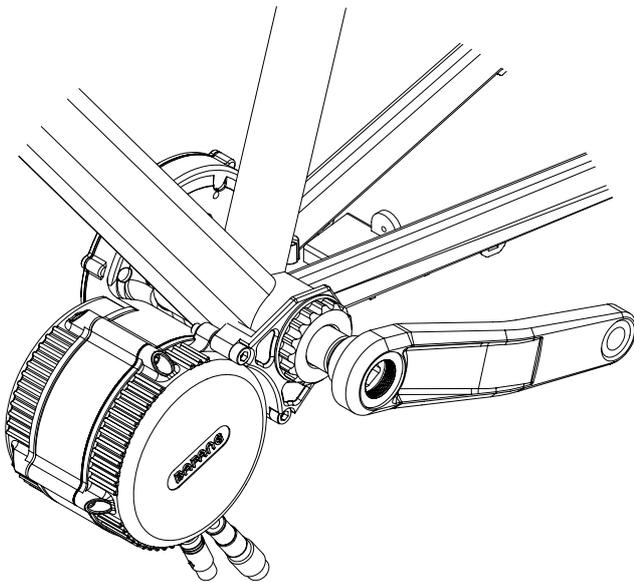
Install is reasonably straight forward, just a few extra steps from a standard conversion. Do not force any parts and if you are unsure, stop the assembly and contact us.



5. Rotate the motor up until it stops on the frame., hold and tighten the Screw On Cup with the 16 notch socket to 25-30Nm. Then tighten the plate bolts to 9Nm.

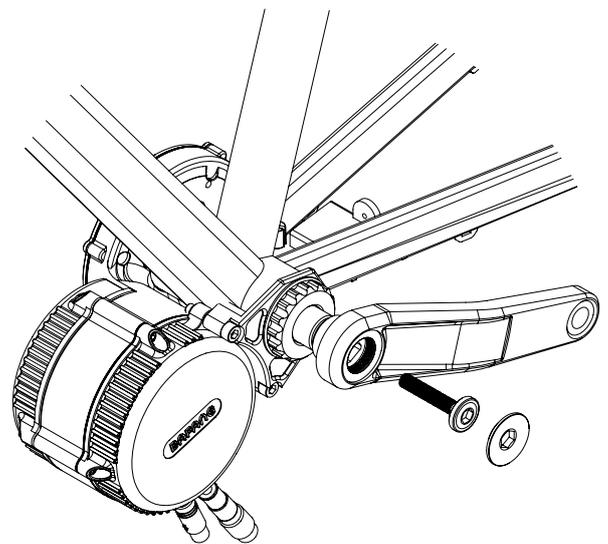


6. Grease the left side axle and slide on the Axle Extender.



7. Grease the Axle Extender and slide on the disassembled left Buzz Bar.

Note: See Buzz Bar User Guide for disassembly.



8. Using the Extender Crank Bolt tighten the axle extension assembly onto the motor and re-install the crank extractor.

Note: to remove the axle extender, simply remove the crank and screw in a long M10x1.25 bolt until it pushed against the stock axle. Keep tightening until it removes the axle extender.

WARRANTY

At Lekkie we don't accept anything but the best workmanship and quality. If a part has slipped through our QC system and made it to your hands let us know and we will put it right.

If one of our products fails we want to know so we can make our products better. If you destroy a lekkie product in extreme use tell us. We can learn from this and sell you something so suit your needs.

If you are in anyway unhappy with your Lekkie product get in touch so we can put it right.