

THE INSTALLATION PROCEDURE

1. Remove left crank and pedal.

Depending on the crank-set that you have installed, this procedure will be a little different.

In most cases, removing the left crank will require one of the two following sequences:

Three part crank sets will require a special puller **E** to remove the crank from the bottom bracket **A**. Pullers can be purchased at your local supplier and are not usually expensive. The puller shown is of a typical design, but there are a number of different designs available. Each type of bottom bracket and crank setup, will require an appropriate matching puller. (See your bicycle manufacturers manual for more information.)

For cotterless, three part cranks: (Square Spindle, ISIS, Octalink)

Using a #? open-ended wrench, unscrew the pedal from the left crank **B**. (*The left pedal will have a reverse thread.*)

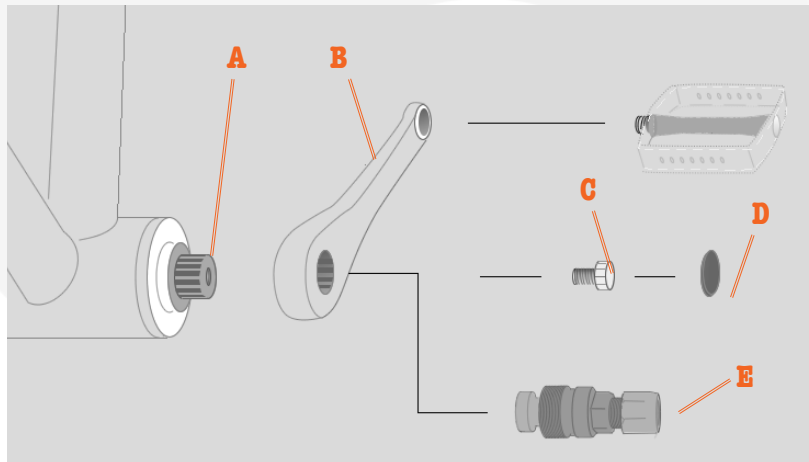
Remove end-cap **D** from the crank.

Remove crank bolt **C** with a socket wrench or equivalent.

Back-off the center post of the puller **E** before screwing it into the crank.

Slowly tighten puller, until the crank is loose. Remove the crank from bottom bracket **A**.

Clean the exposed end of the bottom bracket **A** with a dry cloth and apply a little grease.



For two part cranks:

Using a #? open-ended wrench, unscrew the pedal from the left crank **B**. (*The left pedal will have a reverse thread.*)

Remove end-cap **D** from the crank.

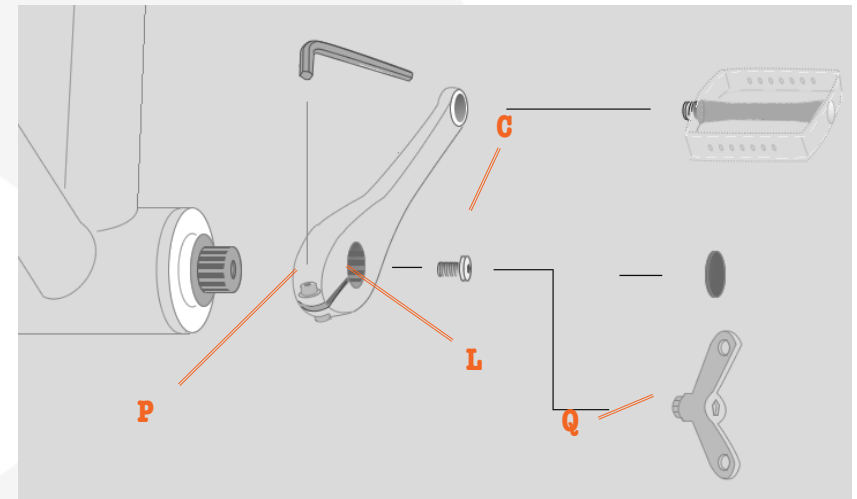
Loosen pinch bolt **P** using an Allen/Hex wrench.

Remove retaining bolt with special key **Q** or wrench as required. (*Consult your bicycle manufacturers maintenance manual for exact information on the tool required.*)

(*Release **stop plate/catch L**, if installed, with a small flat head screwdriver or equivalent.*)

Remove the crank from bottom bracket **A**. (*It may require a small tap with a soft mallet.*)

Clean the exposed end of the bottom bracket **A** with a dry cloth and apply a little grease.



For more information on removing your left crank go to our website: www.bimoz.ch

or see these recommended tutorials:

<https://youtu.be/cPQyQnNdews>

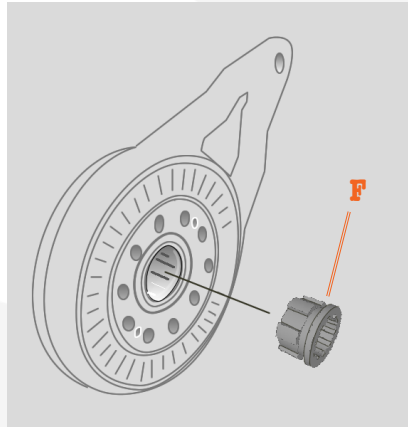
<https://youtu.be/QqBtB8Kyl2U>

2. Insert adapter.

The adapter allows the Bimoz to be attached to the crankset you have installed. You should have been supplied with the correct adapter with your initial order. If you want to transfer your Bimoz to a different bicycle with a different crankset configuration, it will be necessary to order a new adapter. (See appendix.)

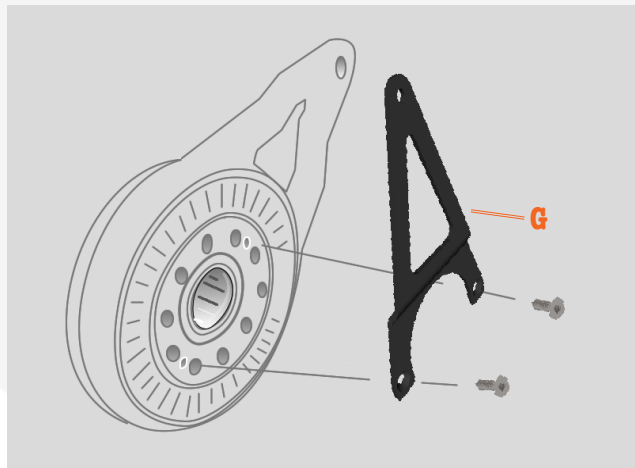
Press the adapter **F** into the back of the motor.

Remember that the pedals must be exactly opposite each other when



3. Attach brace.

Attach the motor brace **G** to the back of the motor with the (M4x16) Allen screws supplied as shown. Tighten to (torque value ?).



Attach brace clip to frame. 4.

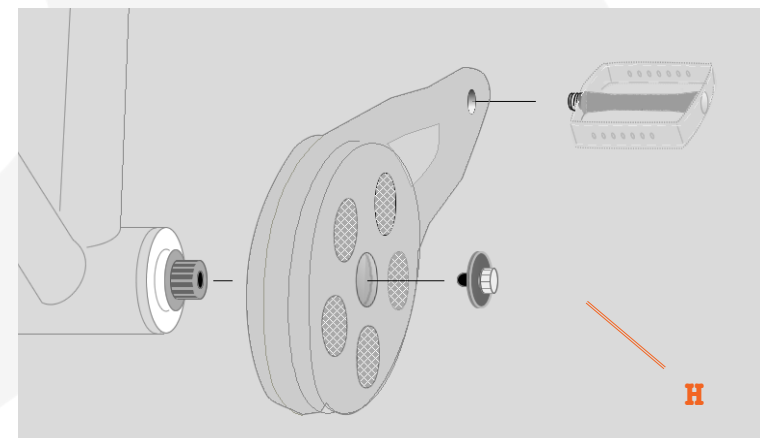
Attach the frame clip **?** for the motor brace **G** to the frame of the bicycle as shown...



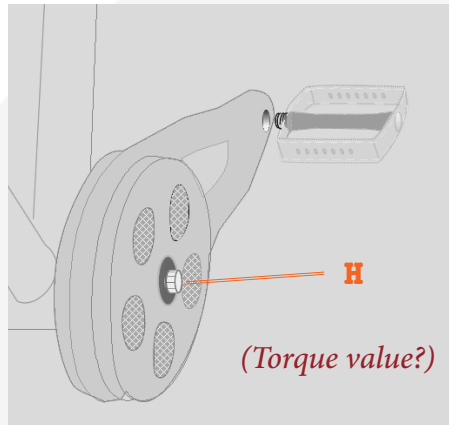
Attach motor unit. 5.

Line up the motor brace **G** with the clip **?** on the frame.

At the same time, rotate the motor so that the pedals are exactly opposite each other. Slide the motor unit onto the bottom bracket **A**, and at the same time onto the frame clip **?** making sure that the pedals remain lined up opposite each other.



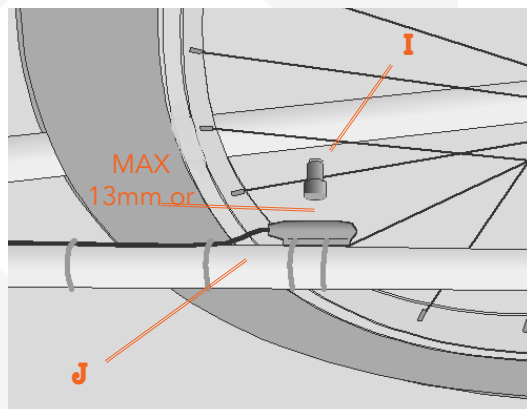
6. Re-attach left pedal and tighten center bolt.



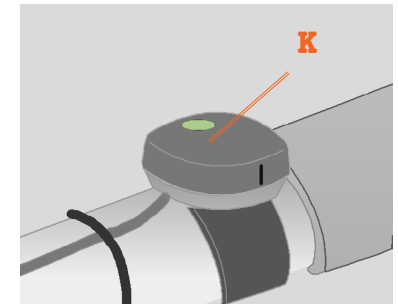
Tighten the center bolt **H** on the motor unit to a torque value of (?).
Screw the left pedal into the motor unit. (Remember that it has reverse thread.)

7. Attach speed sensor.

The speed sensor helps regulate the overall speed of your bicycle. This is required, in most jurisdictions, to remain classified as a bicycle and not a motorcycle. Be sure to calibrate the system, as described in section 10, to ensure proper operation of the system. Attach the sensor magnet **I** to a spoke on your rear wheel in a location that will allow it to pass close enough to the sensor. Attach the sensor **J** in a corresponding location on the frame.



Attach controller. 8.



The controller **K** should be attached to the handlebars in a convenient position.
Run the cable along the frame to the location of the battery rack. (Allow enough slack in the cable for movement of the handlebars.)

Run wires and attach. 9.

It will be easier to attach the cables to the battery rack before mounting the rack to the frame.
When dressing the cables to the frame, be careful to leave enough slack at points of movement in the frame or handlebars, to prevent undue stress on the cables.
Attach cables to the frame using the zip-ties supplied.