

Special Tools needed for installing a bottom bracket motor

must have:

1. puller to remove crank arms
2. socket to fit bottom bracket nuts

may need:

1. chain splitter (if there is no quick link on chain)
2. socket for rear freewheel or cassette (if changing them)
3. pop-nut tool if installing another bottle mount

Before ordering be sure of which parts you will need:

1. measure bottom bracket width (68 mm is standard, but wider motors are available for fat tire bikes too)
2. figure out which sprocket to get on the motor, and whether you'll also need a rear set of gears
3. choose the brake switch style that fits your brakes
4. decide which style display
5. you should get a wrench included with the motor, but look for a headlight perk too

Vendors

1. If you buy on ebay, aliexpress, or amazon, you get some purchase protection compared to buying from a shop far away, but technical assistance won't be as good.
2. It's necessary to shop every single time, the dealers have constantly changing inventory and prices.

Motors:

- EM3EV (em3ev.com) is very good but higher priced
- Grintech (ebikes.ca) is very good and average to slightly higher priced
- Leafbike (leafbike.com) can be good but sometimes ordering is a bit complicated

on ebay and aliexpress these vendors have been good to deal with:

- Greenergy and Bluenergy have been good for BBS02, and now have warehouses in Nevada instead of waiting for delivery from China
- Ebird and Okfeet/Bollfit have been good for TSDZ2 motors, Ebird answers questions better but Okfeet/Bollfit has been extremely nice

Batteries:

If you are building your own packs Liion wholesale has been very good for cells

Greenergy, Bluenergy, EM3EV, and Grintech have all been very good, but lately I've been using Unit Pack Power as they were the first with the Reention DP-6 case.

Vendors I can not recommend

I've yet to order anything from Lunacycle because of pricing and attitude, but some people like them.

PSW power/elifebike was awful to deal with on a TSDZ2 motor that wouldn't work, and after a couple emails told me to go buy a BBS02