

## Requirements for using the 4 Stroke Shift Kit.

Please read through this list carefully. If you, or your bike, do not meet these requirements this upgrade kit is not for you.

You must:

1. be an experienced bicycle mechanic
2. be an experienced motored bicycle mechanic
3. have a Honda or Huasheng bicycle engine kit with a Hoot or Grubee Stage 2 or 3 gear box
4. have a standard 3 piece bottom bracket, conversion kits are available on our site for 1 piece
5. have a chromoly or quick release rear axle, standard steel axles will bend
6. have a bike frame with enough space that a rectangle 8 ½ inches wide by 9 ½ inches tall fits in the frame



7. have no greater than a 1 3/8" seat tube, if it is larger than 1 1/8" please specify during order process
8. have more than 1 1/2" clearance from the back of the seat tube to your rear tire
9. have a quality rear derailleur, internal hub shifter or NuVinci hub

Here is a list of tools that are required to complete the build other than your standard wrenches and screwdrivers.

1. file
2. chain breaker or equivalent
3. crank removal tool
4. cartridge bottom bracket tool
5. thread locking compound

If you have any questions feel free to contact us at [www.sickbikeparts.com](http://www.sickbikeparts.com)