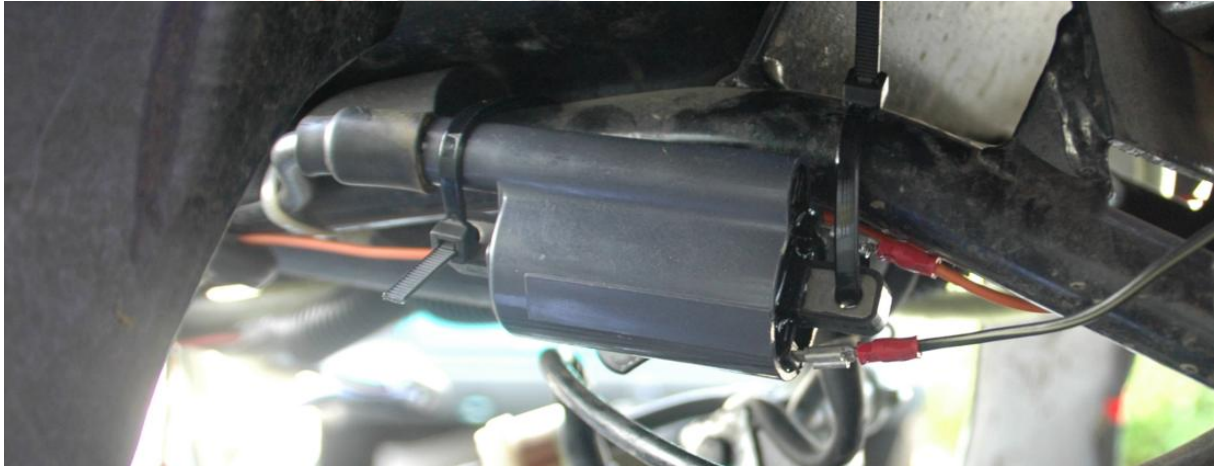# Digital ignition

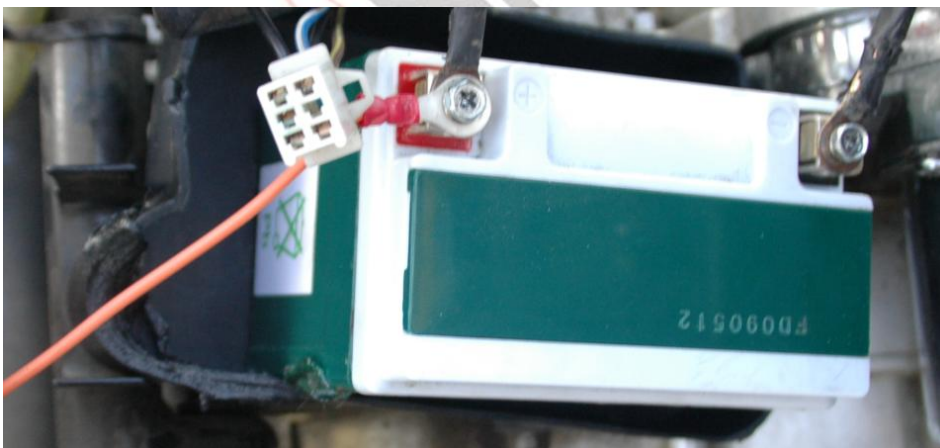# Zongshen 50cc quad Yakaz

Manual
Conversion from CDI to Carmo TCI-system

- The CDI ignition coil must be replaced by the Carmo TCI ignition coil. You can find the ignition coil under the front fender (right hand side). You can unscrew the spark plug cable out of the CDI ignition coil and attach it to the TCI ignition coil. The TCI ignition coil can be held in place with tie wraps.
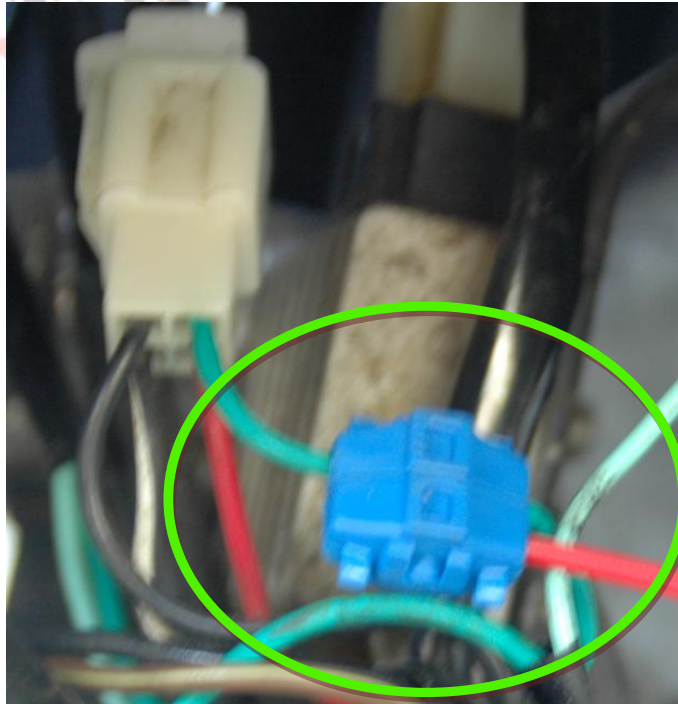

- The CDI ignition coil has 2 wires that lead to a connector. The green wire can be cut off, it won't be used anymore. The black/yellow wire must be cut off on the side of the CDI ignition coil. After that you can strip the wire and attach a faston to it. The wire goes on the pin of the new TCI ignition coil with the " – " sign next to it.
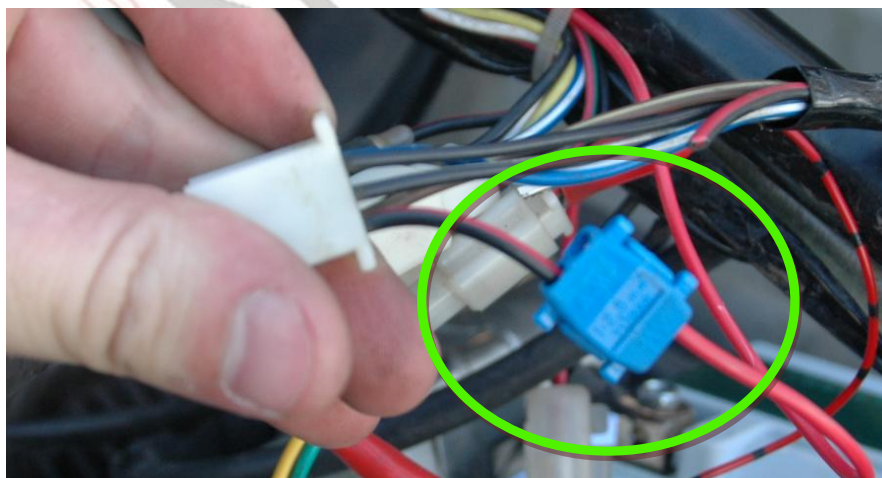
- Now the orange wire (supplied in this kit) must be used to connect the ignition coil to the battery. Strip one side and attach a faston to it. This faston goes on the pin of the ignition coil with the " + " sign next to it. Now you can place the wire parallel next to the frame, in the direction of the battery. Strip the wire on this side aswell and attach the "ring-faston" to it. This goes on the + pole of the battery.

- Below the front panel, in the middle, you can find some wires leading to the ignition lock. These wires are attached to a connector. One of the wires in this connector is a green wire (switched 12V). You must connect the red wire (supplied in this kit) to the green wire. You can do this with the attachment that is also supplied in this kit. Place the red wire parallel next to the frame, in the direction of the ignition unit.

Next you must cut the black/red wire of the connector of the ignition unit. Make sure you can still connect a wire to it. Using the attachment supplied in this kit, you must connect the new red wire (coming from the ignition lock) to the black/red wire. Connect it to the side that is still in the connector of the ignition unit. You can now attach the new ignition unit to the quad.

Have fun!

Contents of this kit.

- 2 attachments used to connect 2 wires to each other.

- 65 cm red wire

- 85 cm orange wire

- 2 Fastons

- 1 ''ring-faston''

- 1 TCI-ignition coil

- 1 TCI-ignition unit