



Digital ignition



Unilli Motor Eagle

Manual, conversion from CDI to Carmo TCI-system

- Remove the old unit ->



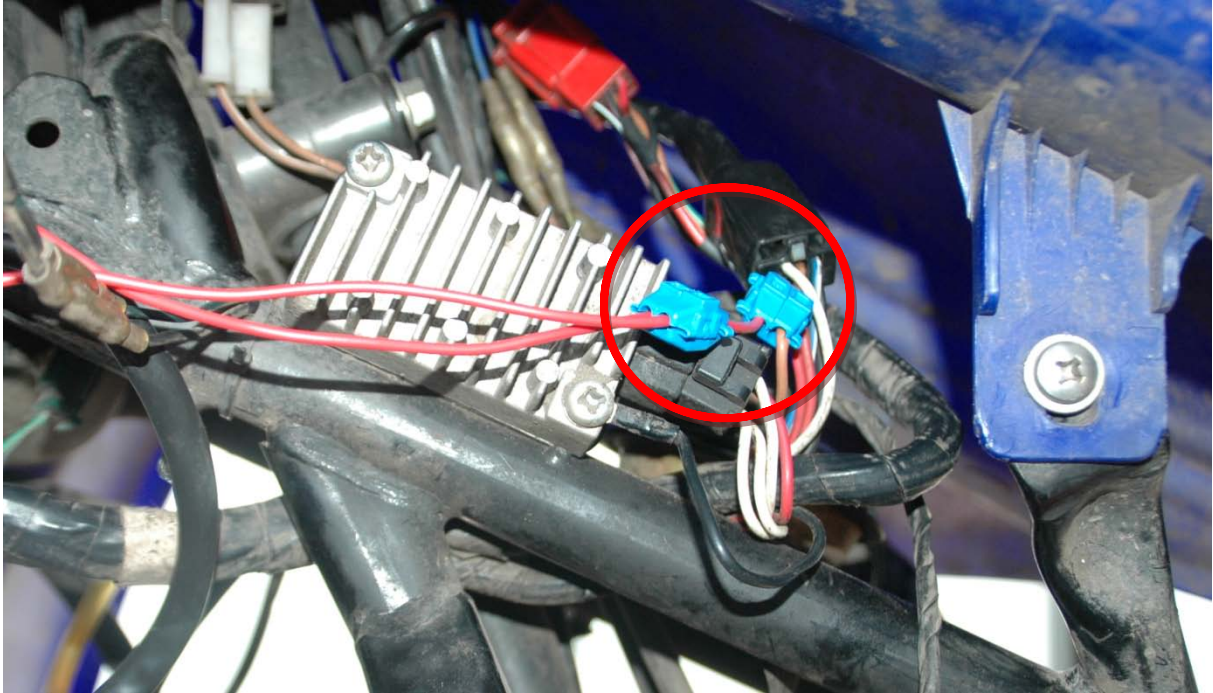
- The original ignition coil must be replaced by the Carmo TCI ignition coil. You can find the ignition coil below the front fender (right hand side).

- You can place the new TCI ignition coil on the same place as the old CDI ignition coil. This can be done with tie wraps.



- There are two wires attached to the original ignition coil(1 orange and 1 black). You can cut off the black wire, it won't be used anymore. Attach a faston (supplied in this kit) to the orange wire. The orange wire must be attached to the pin of the TCI ignition coil with the " - " sign next to it.

- Since this is a TCI ignition coil, one side must be attached to 12 Volt. Using the attachment supplied in this kit you can connect the red wire (also supplied in this kit) to the brown wire (switched 12V) of the ignition unit. Attach a faston to the other side of the red wire. The red wire must be attached to the pin of the ignition coil with the “+” sign next to it.



- The Carmo ignition unit gets its power from the battery, not from the stator. So the unit must be attached to 12V aswell. Using another attachment you can create another 12V wire to connect to the ignition unit.

- Now the new connector must be attached to the wires of the old ignition unit. First put a rubber on the old wire, then strip the wire and then attach a faston to it. Every entrance of the new connector has a number. In the list below you can see which wire goes in which entrance.

- 1: 12 Volt – Red
- 2: Ground – Black
- 3: Ignition coil – Orange
- 4: Ground pick-up – White/Red
- 5: Pick-up – White/Blue
- 6: Stop – Blue/White

Have fun!



Contents of this kit.

- 2 attachments used to connect 2 wires to each other.
- 70 cm red wire (switched 12V)
- 2 Fastons + covers
- 1 TCI-ignition coil
- 1 TCI-ignition unit
- 1 Connector with fastons (pins) and rubbers.