



Digital ignition



TM 400

Manual Conversion from CDI to Carmo TCI-system

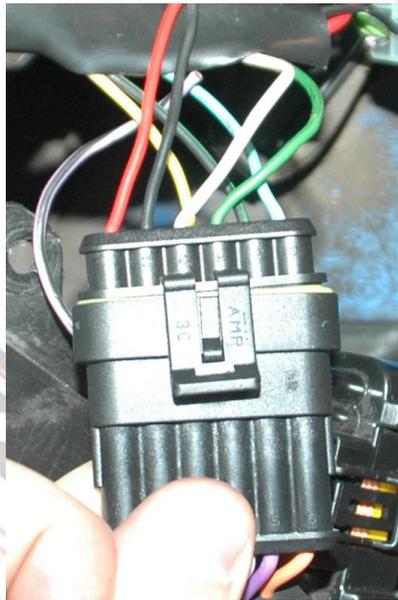
- The CDI ignition coil must be replaced by the Carmo TCI ignition coil. You can find the ignition coil next to the engine on the left side of the bike. You can use the original bolts to keep the TCI ignition coil in place.



- There are 2 wires attached to the CDI ignition coil. You can cut these wires. Now you must attach 2 fastons to the orange wire supplied in this kit. (faston with ring and a straight one) The faston with the ring must be attached to the + pole of the battery. The other side with the straight faston goes on the pin of the new TCI ignition coil with the “+” sign next to it.

-Next you must attach the new connector. The new connector has a number next to every “entrance” hole. Below you can see which wire goes in which hole. You do not have to connect the remaining wires!

	Original colors	Carmo colors	Description
1 =	Red	Red	12V Switched
2 =	Black	Green	Ground
3 =	White	Yellow	Pick-up reference
4 =	Green	White	Pick-up signal
5 =	Black/green	Purple	Stop, ground is go
6 =	Blue (see text below)	Orange	To Carmo TCI-ignition coil



- The new ignition unit must be attached to the TCI ignition coil. For this you must use the blue wire supplied in this kit. Attach the fastons (one side for the ignition coil and one side for the connector) to the blue wire. The blue wire goes on the pin of the ignition coil with the “ – ” sign next to it. The other side of the blue wire goes in hole 6 of the new connector.

- Now you can attach the new ignition unit and start the bike.

Have fun!

Contents of this kit.

- 1 faston (ring).
- 2 ignition coil fastons
- Connector + counter connector (for 6 wires)
- 50 cm orange wire
- 50 cm Blue wire
- 1 TCI-bobine
- 1 TCI-ignition unit