



Digital ignition



Polaris Ranger 500

Manual

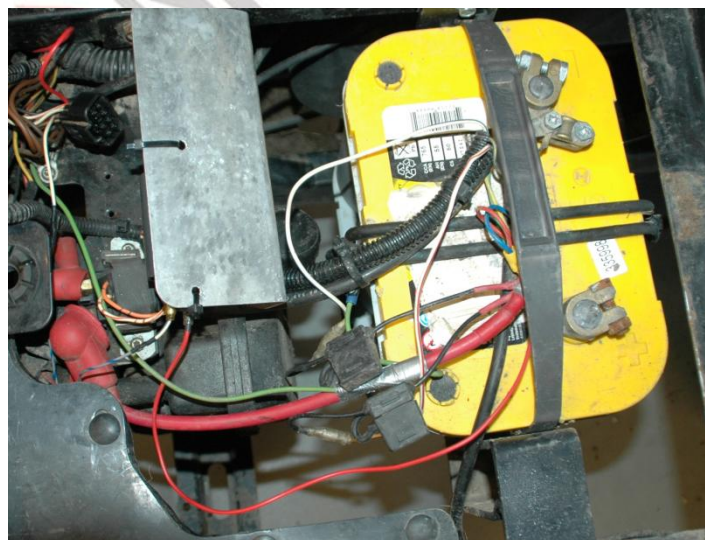
Conversion from CDI to Carmo TCI-system

- The CDI ignition coil must be replaced by the Carmo TCI ignition coil. The CDI ignition coil can be found under the driver's seat, next to the CDI unit. You can take the spark plug cable out of the ignition coil by unscrewing it. The new TCI ignition coil can be held in place with tie rips. You can attach it to the steel plate in the picture below.
- There is a white/blue wire attached to the old CDI ignition coil. You must attach this wire to the pin with the " - " sign next to it on the new TCI ignition coil.

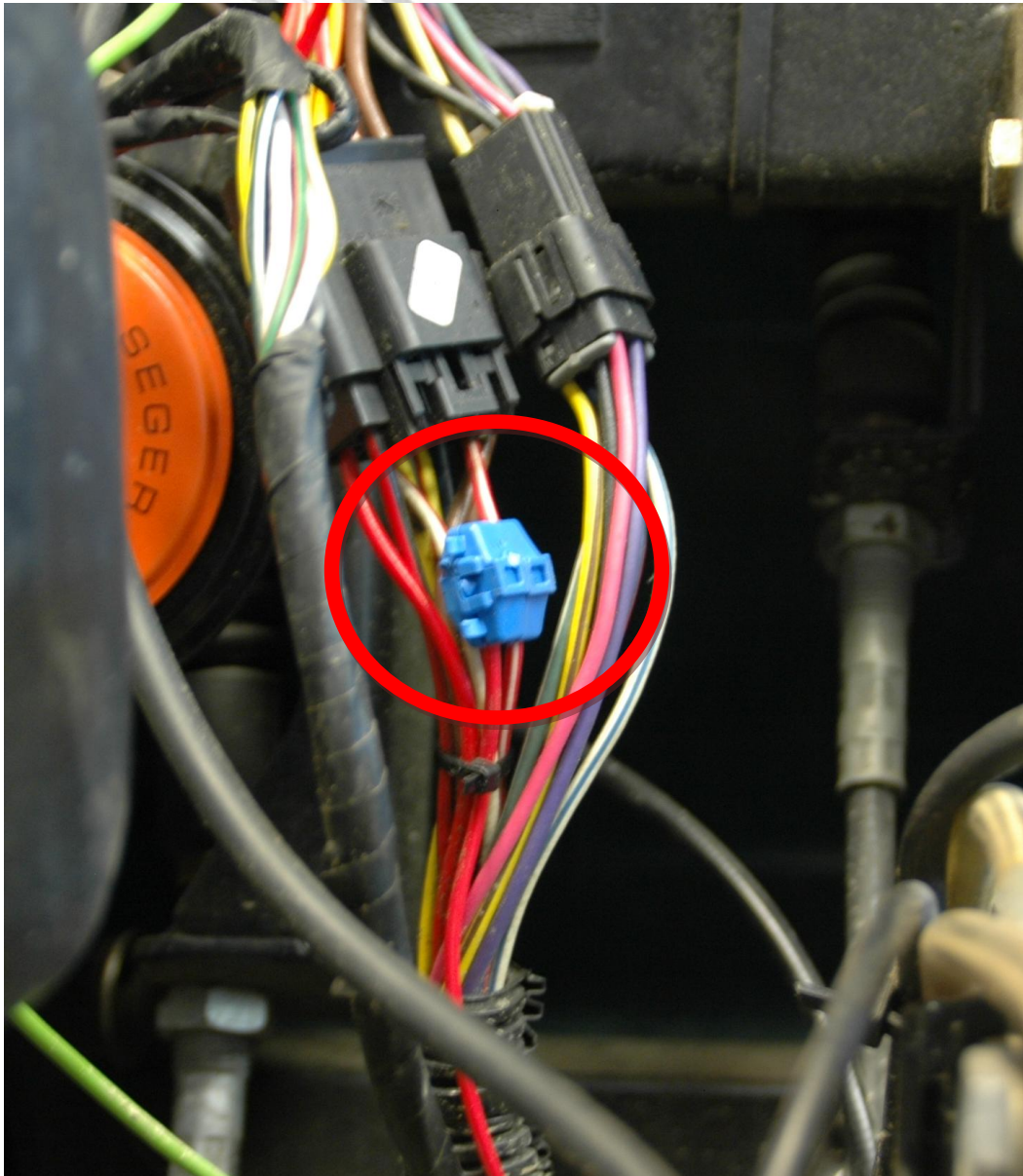


- Now you can use the orange wire to connect the TCI ignition coil to 12 Volt. You must attach the orange wire to the + pole of the battery. Use the side of the orange wire with the ring attached to it.

Place this orange wire parallel next to the frame. Attach the faston to the other side of the orange wire and attach it to the ignition coil. The orange wire goes on the pin with the "+" sign next to it.



Now the ignition unit must be connected to switched 12V. Under the bonnet next to the horn you will find 2 connectors. One of these connectors has a red/white wire. You must attach the red wire provided in this conversion kit to the red/white (original) wire. You can do this by using the blue attachment as shown in the picture below. Place the new red wire parallel next to the other wires. You can remove the section under the pedals for better access.



- The other side of the new red wire must be attached to the connector of the ignition unit. Cut the original wire of the connector of the ignition unit. Make sure you leave a part of it sticking out of the connector so that you can connect 2 wires. Now you must connect the new red wire to the original red wire that is sticking out of the connector of the ignition unit. For this you can use the attachment supplied in this conversion kit.

- Now you're ready to plug in the new ignition unit.

Have fun!

Contents of this conversion kit.

- 2 attachments to connect a wire to an original wire.
- 3,5 meter red wire
- 50 cm orange wire
- 1 Faston
- 1 TCI ignition coil
- 1 TCI-unit