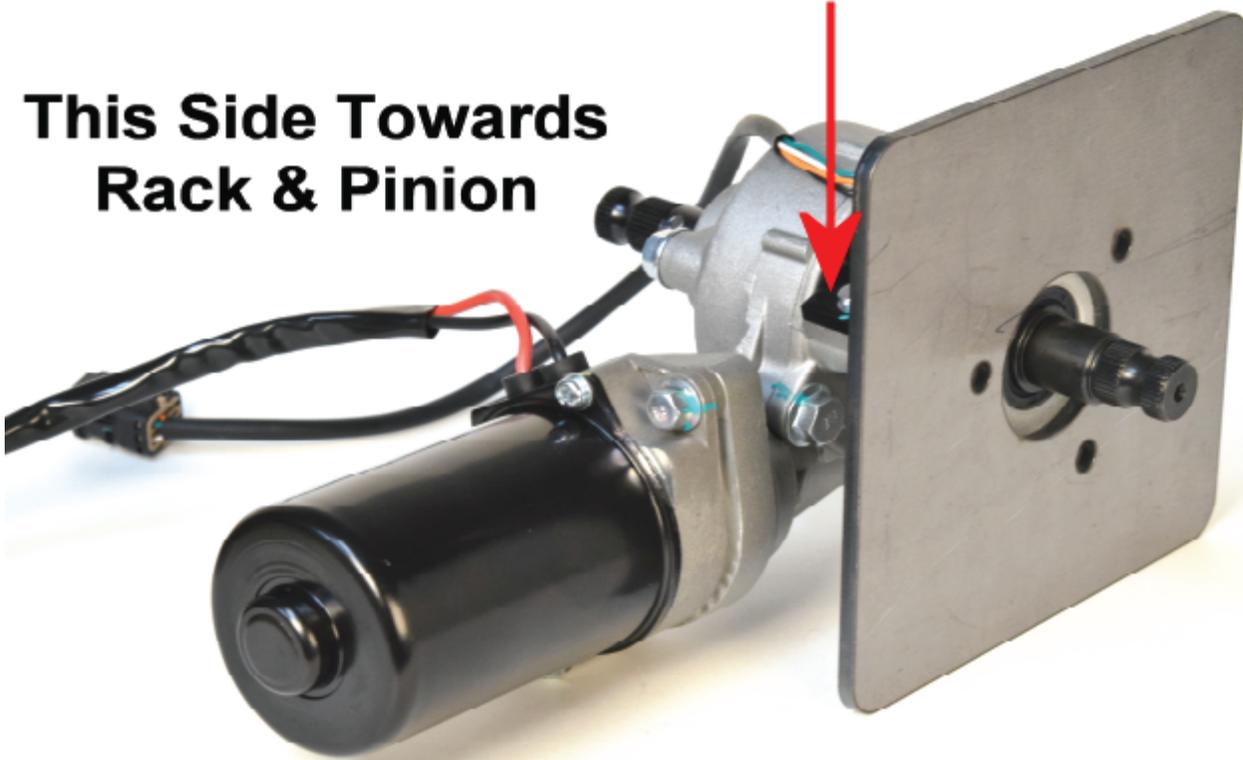




Kartek Off-Road  
2871 Ragle Way  
Corona CA 92879  
951.737.7223

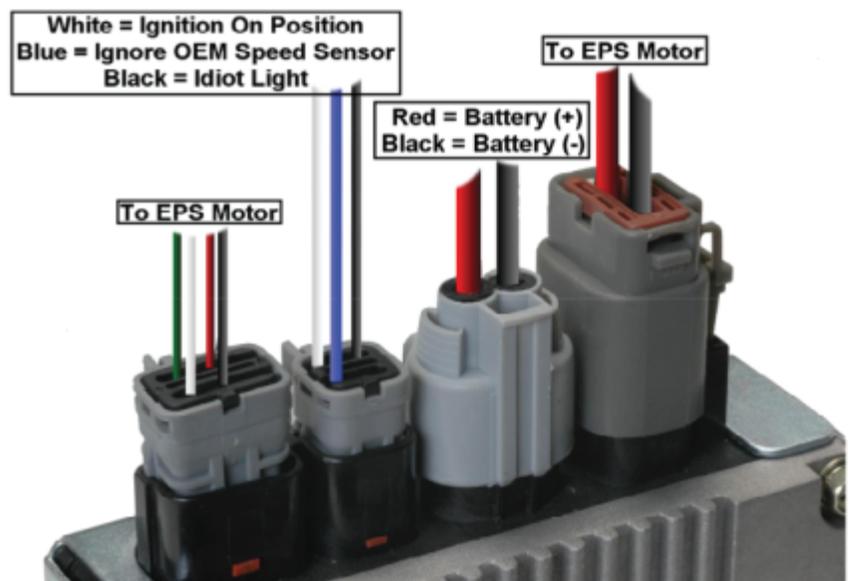
Torque Sensor Faces  
Towards Driver

This Side Towards  
Rack & Pinion



**NOTE: The red and black wires must go directly to the battery. Do NOT wire the computer to your fuse box. Wiring the computer to the fuse box allows for a short voltage drop that turns the unit off intermittently. Do NOT cut the wires that lead from the computer to the motor. Any alterations to those wires voids any warranty.**

## 220w Electric Power Steering Kit

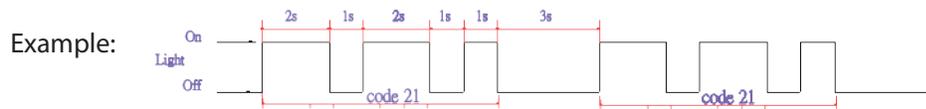




Kartek Off-Road  
 2871 Ragle Way  
 Corona CA 92879  
 951.737.7223  
 kartek.com

**NOTE: The red and black wires must go directly to the battery. Do NOT wire the computer to your fuse box. Wiring the computer to the fuse box allows for a short voltage drop that turns the unit off intermittently. Do NOT cut the wires that lead from the computer to the motor. Any alterations to those wires voids any warranty.**

If there is a malfunction with an electronic part, the system will create a code to identify the problem. Each fault code displays a series of flashes with a fault light. Every fault code is composed of double digits, each double digit is indicated by a series of long and short flashes of light. Each long flash is 2 seconds in length and each short flash is 1 second in length. There will be 3 seconds space between the long flashes and the short flashes. For example: long flash\long flash \space\short flash represents the code number 21.



| Code | Diagnosis content  | fault code wave | Suggestion                                       |
|------|--|-----------------|--|
| 21   | Main torque sensor disconnection                             |                 | 1.Check sensor wire harness<br>2.Replace ECU     |
| 22   | Main torque sensor output error (voltage is too high or low) |                 |  |
| 23   | Sub. torque sensor disconnected                              |                 |  |
| 24   | Sub. torque sensor output error (voltage is too high or low) |                 |  |
| 25   | Main and Sub. torque sensor difference is too large          |                 |  |
| 26   | Main torque sensor inner fault                               |                 | Replace ECU                                      |
| 35   | Current sensor zero offset is too large                      |                 |  |
| 32   | Motor disconnected   |                 | 1. Re-insert wire of the motor<br>2. Replace ECU |
| 33   | Current of ECU is over the limit                             |                 |  |
| 34   | One side of motor has no assistance                          |                 | Replace ECU                                      |
| 36   | Motor voltage abnormal                                       |                 |  |

## 220w Electric Power Steering Kit