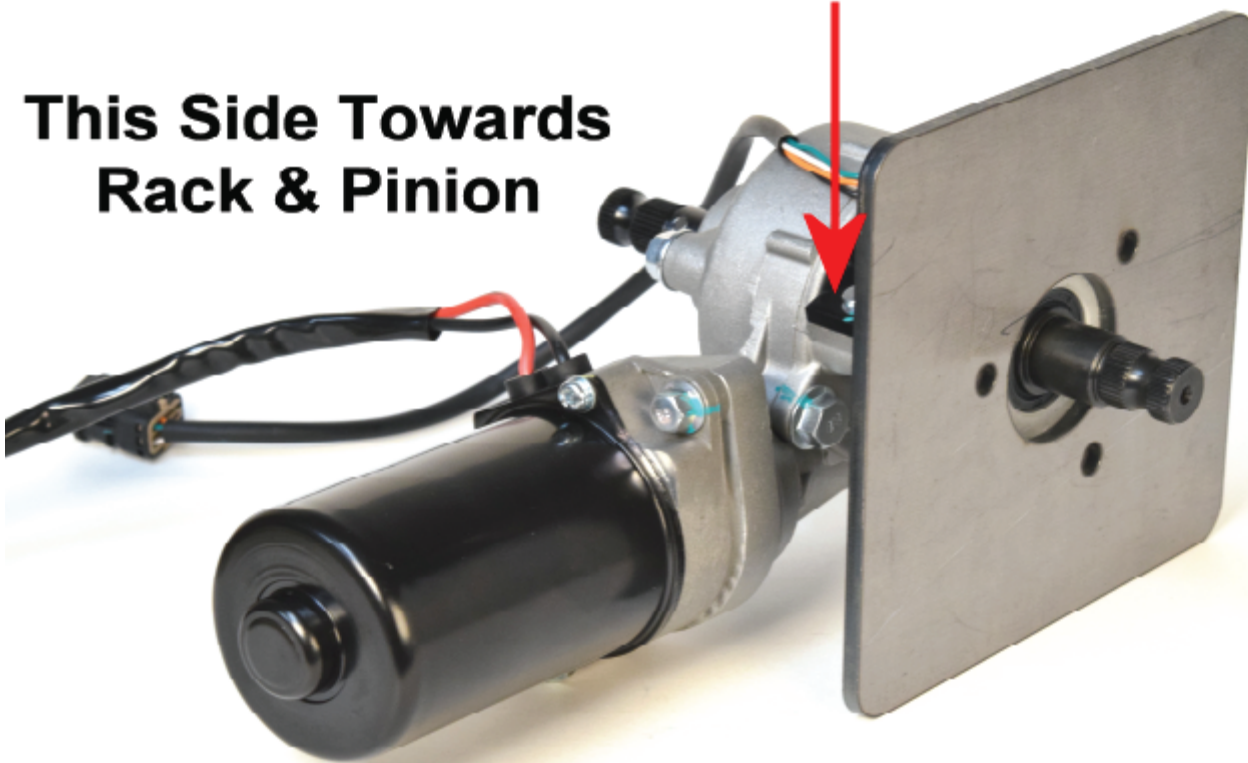




Kartek Off-Road
2871 Ragle Way
Corona CA 92879
951.737.7223

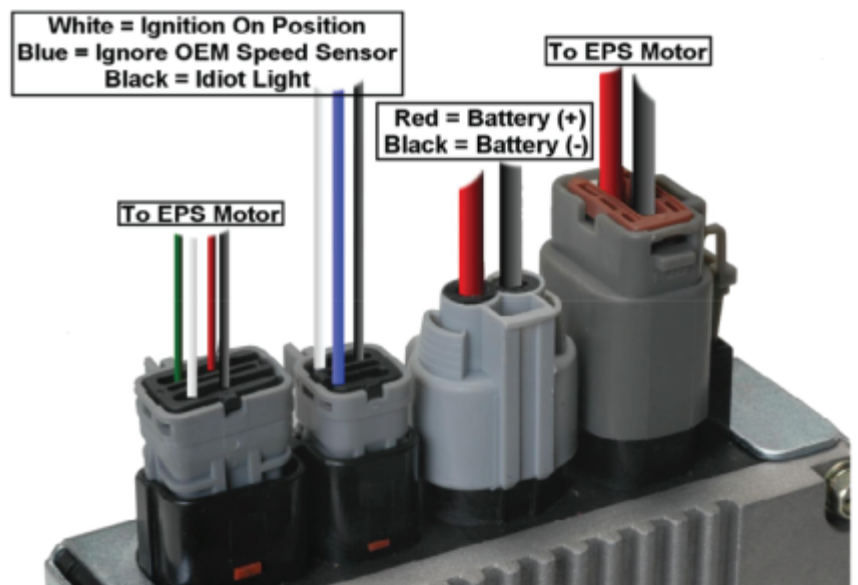
Torque Sensor Faces
Towards Driver

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

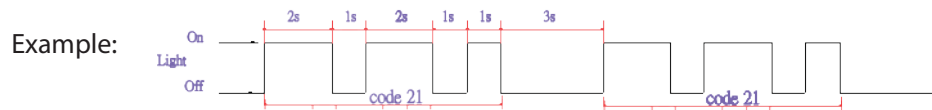




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If there is a malfunction with an electronic part, the system will create a code to identify the problem. Each fault code displays a series of flashes with a fault light. Every fault code is composed of double digits, each double digit is indicated 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 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 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		
			1.Check motor wire 2.Check motor plug

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