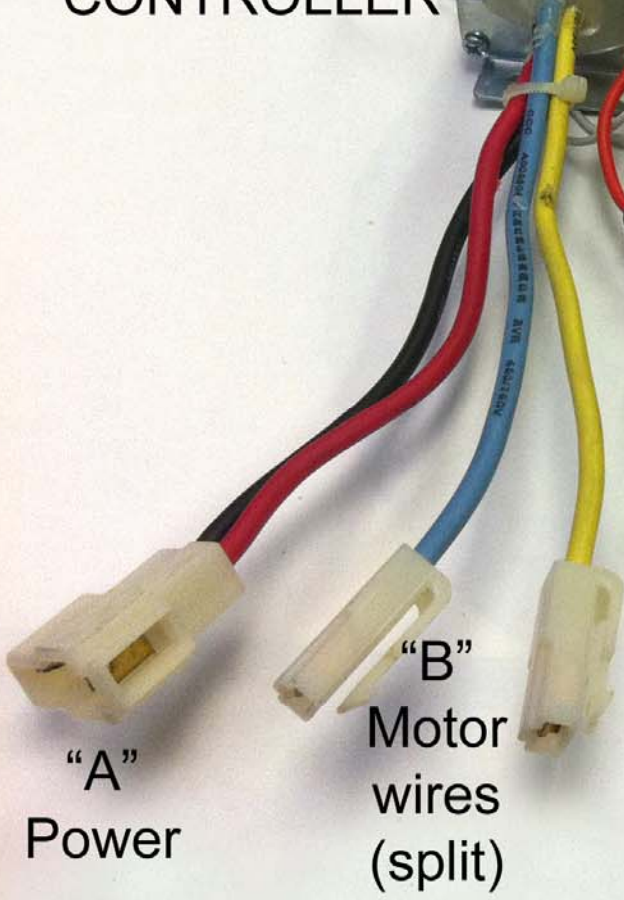


Speed Limiter	Throttle		Power		Battery	
Brake Switch		Charger Port		Motor		

OLD
STYLE
CONTROLLER



"A"
Power

"B"
Motor
wires
(split)

"C"
Throttle &
Brake switch

"D"
Charger
Port

"C"
Throttle &
Brake switch

"E"
On/Off
Power
Switch



NEW

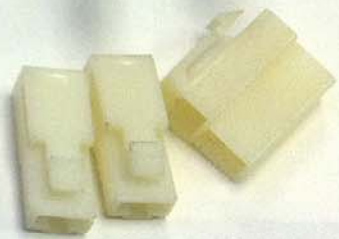
"A"
Power
(back slot)

"D"
Charger
Port

"B"
Motor

"E"
On/Off
Power
Switch

Use either split plugs
or single plug depending
on what old controller had



Directions:

1. The photo shows the new wiring kit already installed on the new ECM on the right. Note that all of the wire plastic connectors match the connectors on the old controller, so they simply switch out. Match the letters "A" on new to where "A" on old ECM went and so on.
2. Also note that there is no wire coming out of the new ECM for "A", power. That is because the old power wire plugs directly into the new ECM, see where it shows battery on the upper left corner of the drawing.
3. Be sure the wires on plug "C" match the colors on the top row, BLACK, RED, GREEN on the "C" plug of old controller. Also the bottom row of wires on plug "C" should have a yellow wire on most of the units. This needs to match the same slot as the old ECM. They are normally all okay. If you have no yellow do not worry about it, some older models use blue.
4. For more information see this page in color at www.cruzincooler.com under service, technical and wiring diagrams.
5. There is not a mounting plate adapter for the new ECM upgrade. You can simply attach the ECM to the old black ECM mount frame with the 2 tie wraps enclosed (there are two small holes in the ECM or just secure it to the wiring in the cooler. On the really older models there is no black ECM mounting bracket and therefore no way to mount it.