

RESPA-CF/CFX PRODUCT LINE:

Wiring Instruction Update

- Before any wiring is to be completed the master switch of the machine must be turned off.
- Finding proper power is critical for system performance. Use the guidelines listed below for the wiring of the RESPA-CF/CFX.
 - 1)The unit must receive power when the ignition is in the on position.
 - 2)The power must terminate when the ignition key is in the off position.
 - 3)Do not wire the unit to a variable voltage source.
 - 4)The source power must provide the sufficient current (Amps).
 - 5)The master system relay or ignition switch can be considered a good source of constant power when the ignition key is in the on position.
 - 6)A system relay can also be used to provide suitable power from a non-terminating constant source.
 - 7)If wiring to a spare fuse in the fuse panel the fuse must meet the minimum Amperage requirements listed below.
- See Table Below for the power requirements for **EACH** RESPA-CF/CFX.

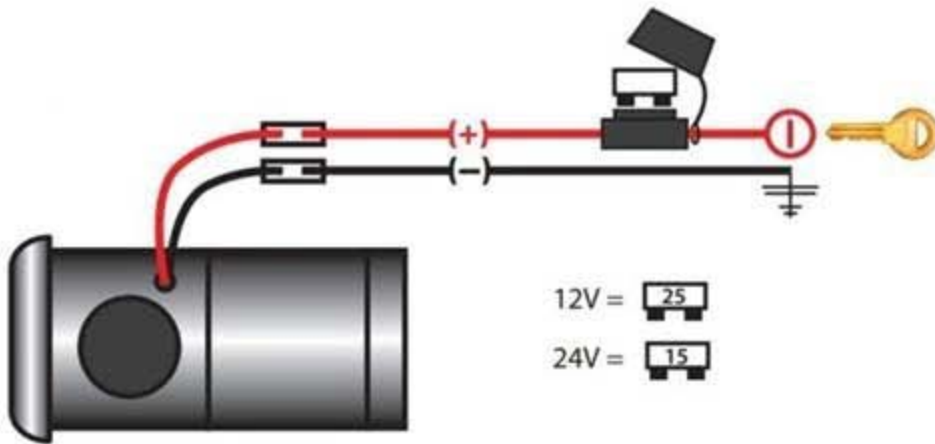
System Voltage	Start Amperage Draw	Constant Amperage Draw	Fuse Requirement (Minimum)
12 Volts	24 Amps	12 Amps	25 Amps
24 Volts	12 Amps	6 Amps	15 Amps

If RESPA CF and CFX are both installed, Sy-Klone recommends running separate power lines to EACH RESPA UNIT from the power source.

- Use 16 GA wire at a minimum for wiring a RESPA Unit.
 - 1)Black wire – neutral (negative)
 - 2)Red Wire or White Wire w/ Red Stripe – active (positive)
 - 3)Note: Incorrect electrical connection will reverse motor rotation and the RESPA will not function properly.
- Finding a good ground is critical to system performance. Use an existing ground point on the machine. If none are available, grind a small spot on the machine to bare metal and use a screw to ground the system.
- When routing the wiring avoid high heat areas, walkways, anything that would inhibit operator visibility.
- Secure all wiring and use wire loom and grommets as necessary to protect the wiring.
- Install the included inline fuse on the positive wire (Red Wire or White Wire w/ Red Stripe)

See wiring diagram on next page.

SINGLE RESPA-CF/CFX



RESPACF and RESPACFX

