



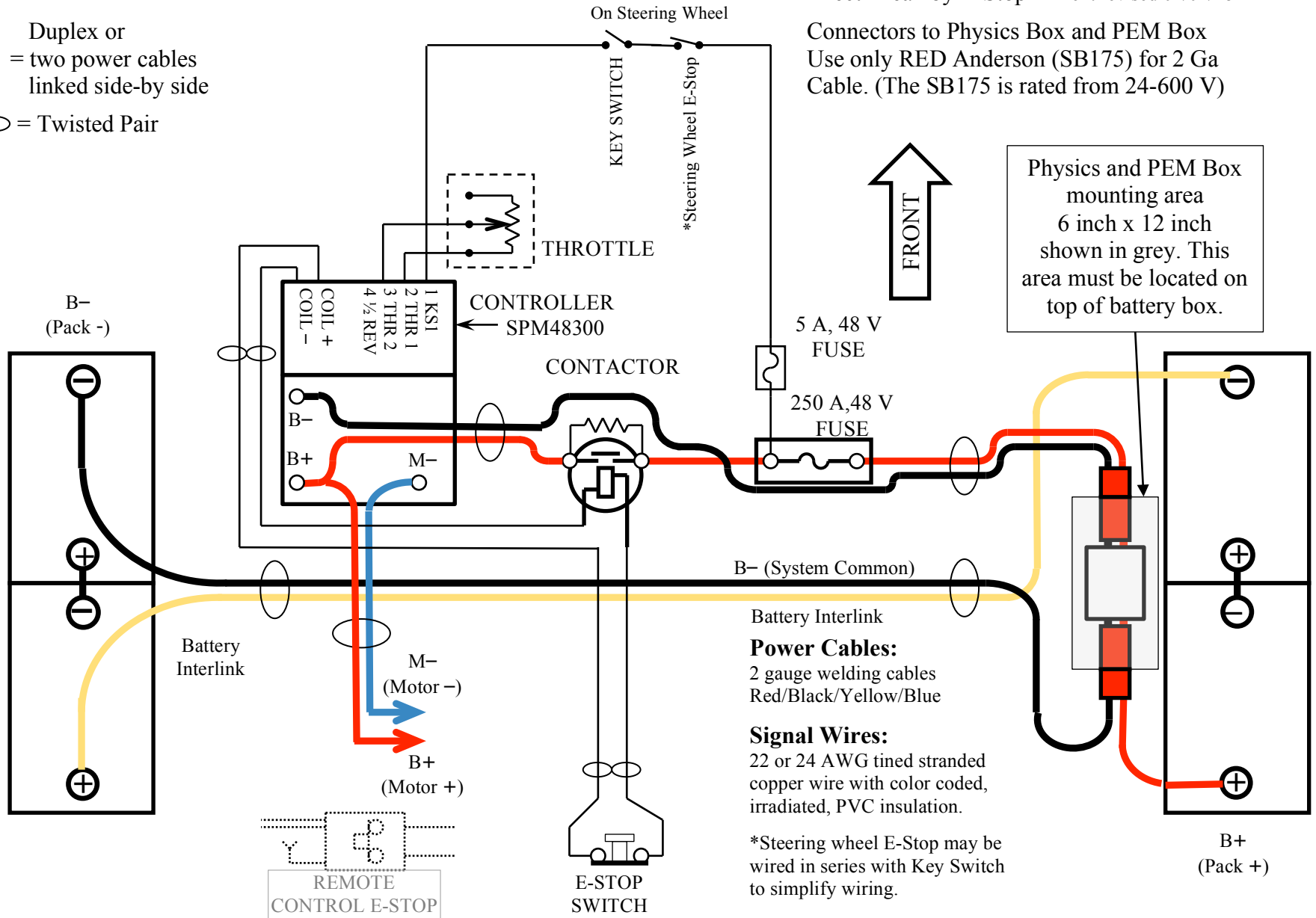
PROPOSED WIRING FOR HIGH SCHOOL KARTS

SKW+BFR 02/27/2018

*Direct Break by E-Stop Text revised 02/04/18

 Duplex or
 = two power cables
 linked side-by-side

 = Twisted Pair



Connectors to Physics Box and PEM Box
 Use only RED Anderson (SB175) for 2 Ga
 Cable. (The SB175 is rated from 24-600 V)

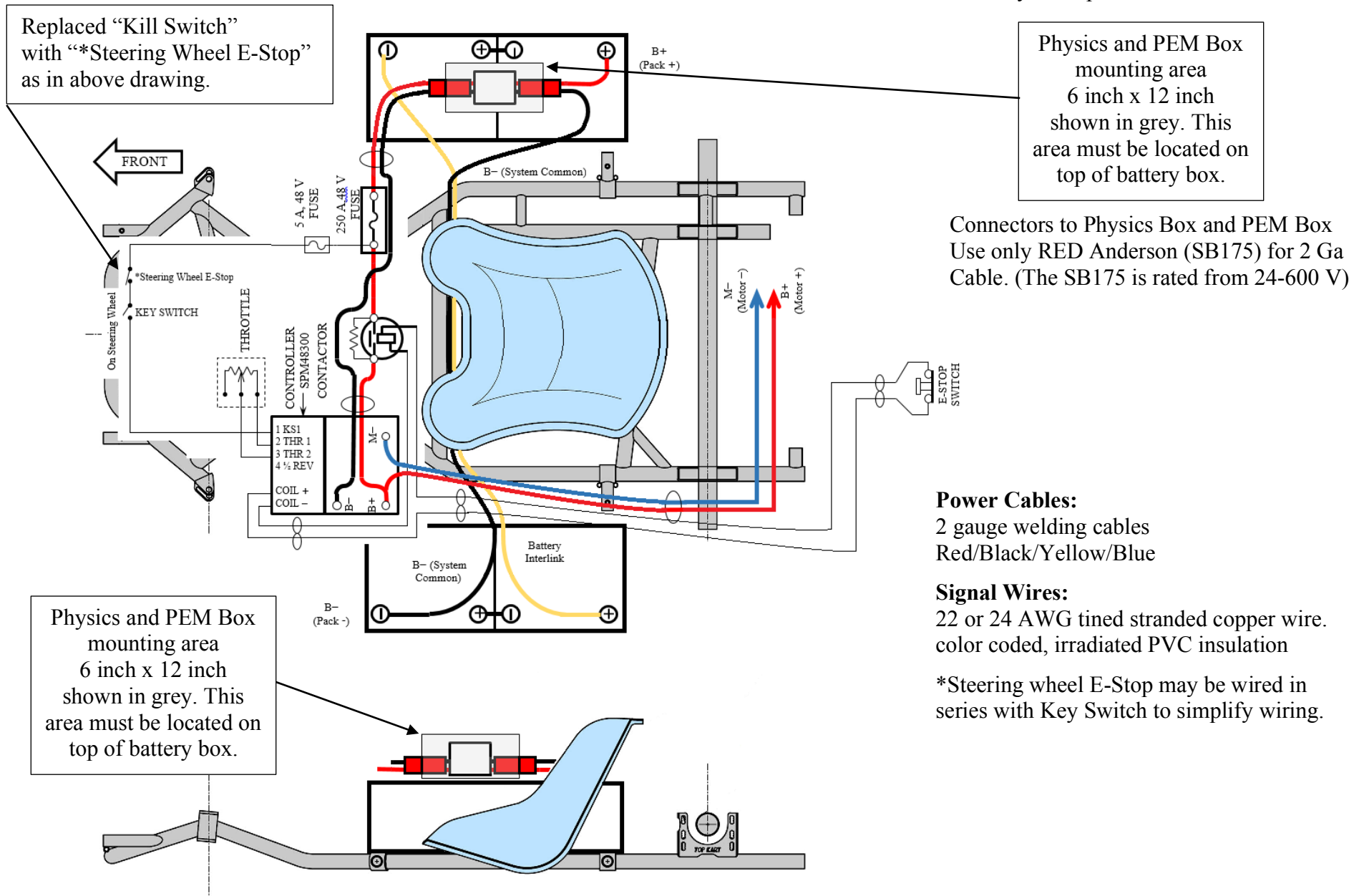
Physics and PEM Box
 mounting area
 6 inch x 12 inch
 shown in grey. This
 area must be located on
 top of battery box.



PROPOSED WIRING FOR HIGH SCHOOL KARTS

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*Direct Break by E-Stop Text revised 02/04/18



Replaced "Kill Switch" with "*Steering Wheel E-Stop" as in above drawing.

Physics and PEM Box mounting area 6 inch x 12 inch shown in grey. This area must be located on top of battery box.

Connectors to Physics Box and PEM Box Use only RED Anderson (SB175) for 2 Ga Cable. (The SB175 is rated from 24-600 V)

Power Cables:
2 gauge welding cables
Red/Black/Yellow/Blue

Signal Wires:
22 or 24 AWG tined stranded copper wire.
color coded, irradiated PVC insulation

*Steering wheel E-Stop may be wired in series with Key Switch to simplify wiring.

Physics and PEM Box mounting area 6 inch x 12 inch shown in grey. This area must be located on top of battery box.