

FAC UNV 12/36V FAN KIT 12 and 36 Volt Cars And 48 Volt Precedent Wiring and Installation Instructions



Disconnect the battery pack before starting installation! This can be done by simply disconnecting battery #1 and/or battery #6 (See Figures I-L). For Club Car Precedent Models you will need to disconnect battery #1 and/or battery #4 (See Figure H). For Gas Cars, simply disconnect the negative lead (See Figure M). Ensure that the Run/Maintenance Switch is in the Tow Position. Lay out the kit parts in an organized fashion.

Fan Mounting:

1) Locate the four holes in the fan casing. Hold the fan up to the underside of the roof top where desired, and mark the holes for drilling. It is advised to mount the fan in the center of the roof top and far enough back, so it will not interfere with head room (Figure A).

2) Drill the marked four holes with a 1/4" drill bit.

3) Mount the fan with the mounting spacers in-between the fan and roof. **Ensure** the wire's leads are facing toward the rear of the cart (Figure A).

4) Mount the switch in the dash by drilling a hole large enough to accommodate the switch (Figure B).

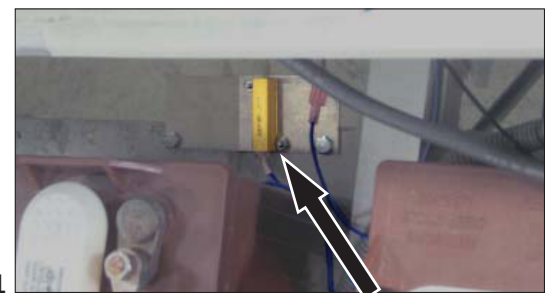
5) Mount the resistor plate assembly on the frame area under the seat (Figure C). We find it best to mount the resistor plate assembly behind the batteries toward the rear of the cart. **Make** sure to mount it to the metal frame as the resistor will become extremely hot during use. The metal frame will serve as a heat sink to dissipate the heat. **Do not mount the resistor to plastic parts!** **Note: On Club Car Precedents, remove one bolt from the run/tow with mounting plate and attach the resistor plate with one bolt.**



Hardware Kit



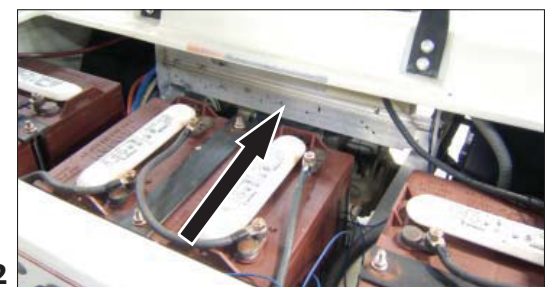
A



C.1



B



C.2

Wiring:

1) Route the Red 16 gauge (12.9'), the Gray (12.9') and the Blue (18.8') wires to the switch (Figure D). Do not route the wires in the way of moving parts and sharp metal that may cut into the wires over time. The pin connections on the switch are:

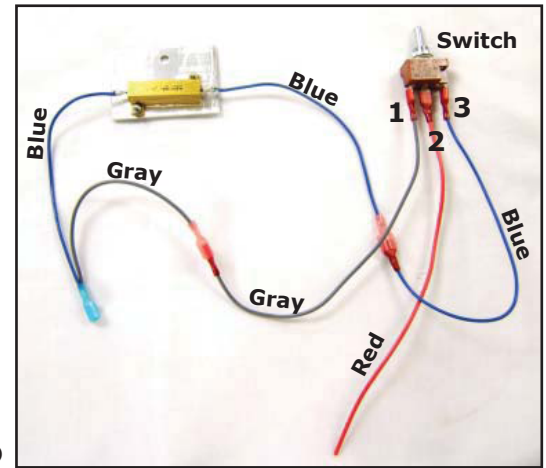
- pin #1 will receive the Gray wire
- pin #2 will receive the Red wire
- pin #3 will receive the Blue wire

Secure the wires with the tie straps in the kit.

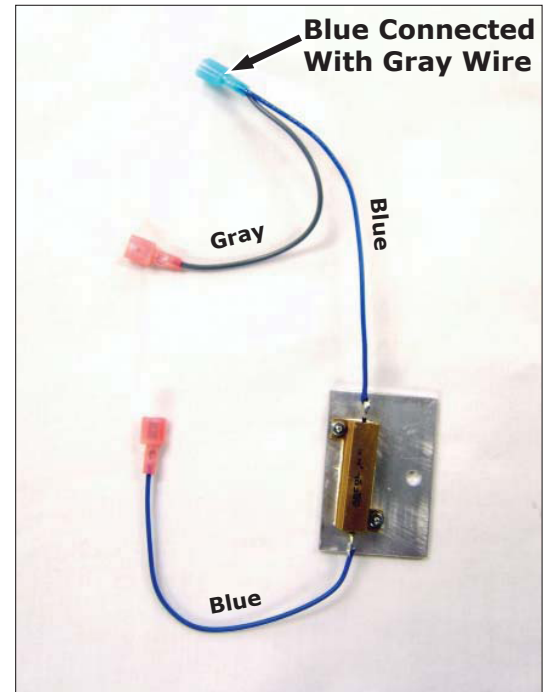
2) The resistor will have a single Blue wire with a Blue and Gray wire connected together. **Do not** connect the wires to the batteries until the completion of the routing and connecting to the Fan and Switch. The end of the resistor with the single Blue wire will connect to the single Blue wire from the switch (Figure E). The other end of the resistor with the Gray and Blue wire, connect to the Gray wire from the switch. The Red wire from the switch will connect to 12 volt positive (See Figures H-M). The wires are extra long at the connections just made. Cut the excess and retain as the Blue wire will be used to connect to the Blue connection with the Gray wire (Figure E).

3) Now route the extra Blue wire from step 2 and the Black wire through the rear corner compartment (Figure F) of the roof top, along the roof struts and to the fan (Figure G). Note: the other end of the Black wire will need to be connected to the fuse. This same Black wire will be the connection to the negative as per the appropriate battery (See Figures H-M).

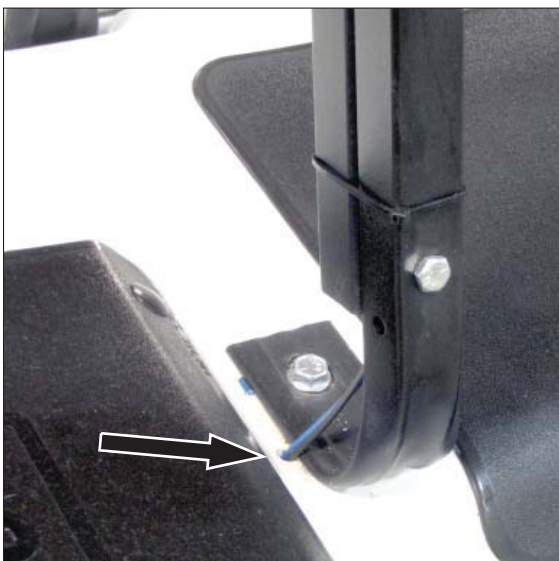
4) This completes the wiring and you can now tie the wires to the mounts where needed. You now can connect the Red wire to the appropriate battery (See Figures H-M). Connect the car battery and/or batteries and test the fan. You should have two speeds available using your toggle switch.



D



E



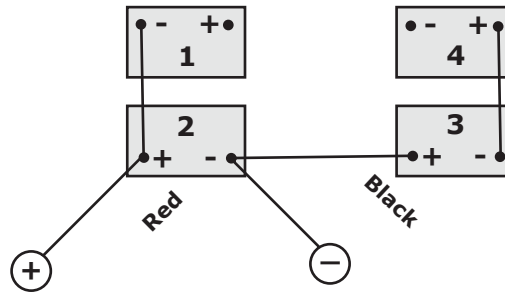
F



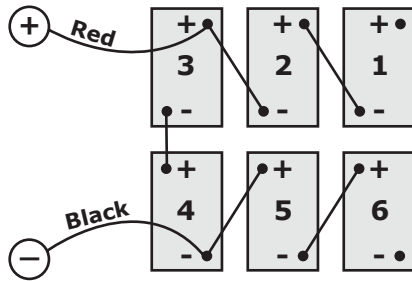
G

(Fig. H) Club Car Precedent Model 48-Volt Battery Pack

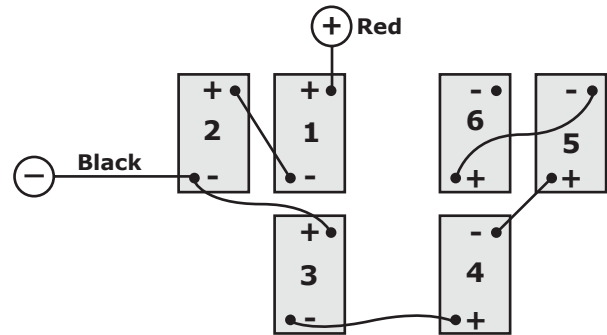
Fan Wiring For Electric Cars



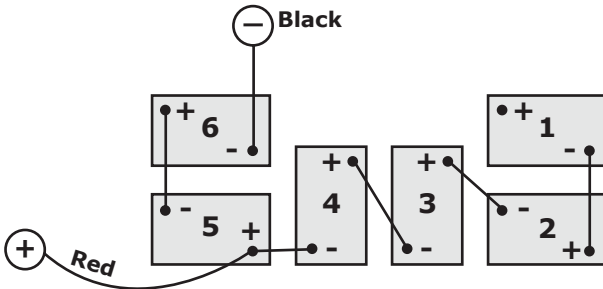
(Fig. I) EZGO TXT Model 36-Volt Battery Pack



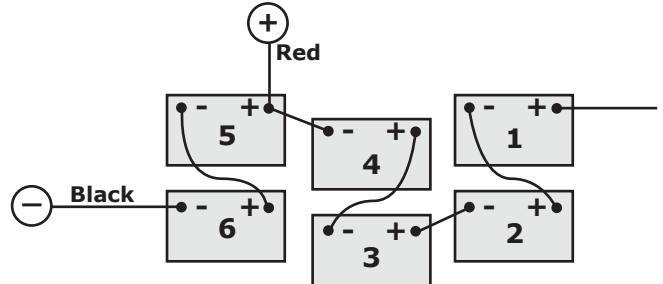
(Fig. J) EZGO Marathon Model 36-Volt Battery Pack



(Fig. K) Club Car DS Model 36-Volt Battery Pack



(Fig. L) Yamaha 36-Volt Battery Pack



Fan Wiring For Gas Cars

(Fig. M)

