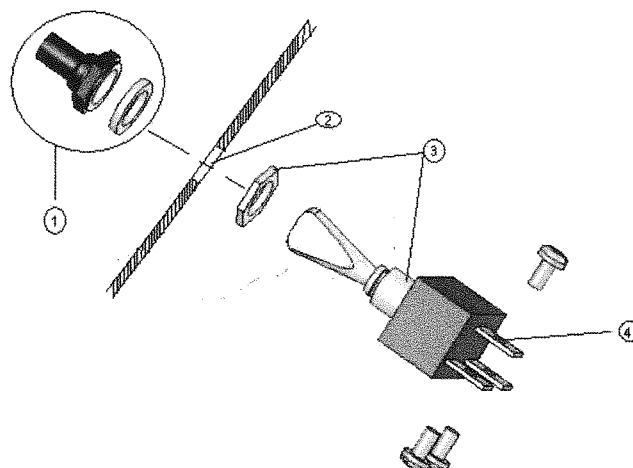


Stop Switch (part no 2-ARAC-101) Assembly



Switch Assembly

1. Drill a 12 mm (0.47 inch) hole in the panel where the switch is to be mounted.
2. Screw the jam nut fully onto the switch. See item 3 in the illustration.
3. From the back of the panel, place the switch in the panel and secure it using either the rubber sleeved nut or the knurled nut.
4. The mounting nuts may be adjusted to position the switch flush with the panel.
5. Wire the switch as described in the Switch Wiring Instructions below. Use no larger than 8 AWG wire. If a larger wire gauge is required use a few inches of 8 AWG wire to transition to the switch.
6. Use ring terminals at the switch connections and support the wires to prevent shorts and provide strain relief for the wire connections.

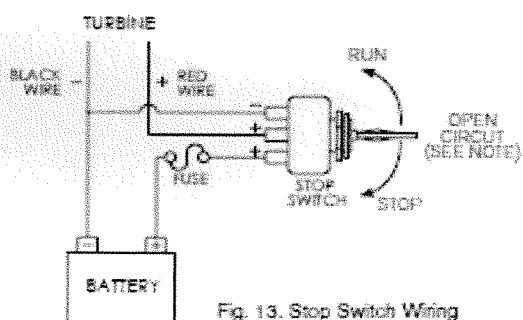


Fig. 13. Stop Switch Wiring

Note: - Do not leave the switch in the middle position; this will place the turbine in an open circuit condition – it will not charge the battery and it may spin freely. Refer to the Operating Mode section of the Owner's Manual.

Switch Wiring Instructions

When wired as shown in the above figure, the turbine will operate in its normal battery charging mode with the switch in the **UP** position. With the switch in the **DOWN** position the turbine will be in a braked mode, the blades will not spin and the turbine will not charge the batteries until the switch is returned to the **UP** position.

Do not leave the switch in the "middle" position; this will leave the turbine in an open circuit condition; see **Warning** note and refer to the Operating Modes section of the owner's manual.