

# Aerospire

## **“DO-IT-YOURSELF” TEMPERATURE SENSOR KIT FOR MULTIGOV PRO**

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Thank you for purchasing the DIY Temperature Sensor Kit. A temperature sensor is required to use the automatic mixture control feature in MultiGov Pro.

**PACKAGE CONTENTS:** 1 sensor wire, and 1 heat shrink tubing, 4 thermistors (only one is needed for sensor; three extra thermistors are included).

**Step 1:** Cut middle wire. Tin (put a little solder on) the outer wires.



**Step 2:** Solder wires to thermistor chip and trim any excess wire protruding above the chip. A tweezer is being used to hold the chip for easy soldering.



**Step 3:** Cover wire with approx. 30 mm of heat shrink or enough so that the wires don't hit the motor heat sink fins. Make sure there is enough heat shrink at the top so the chip does not touch the motor casing.



Construction is complete. Test sensor by plugging into “Tmp” of MultiGov Pro and going to the “Current” menu. If the sensor is working, the current room temperature will be shown on the LCD (the temperature should rise if you hold the sensor at the tip). If there is a problem, you will see “TEMP SEN NO CONN”.

For a color version of this document (in PDF format), or for more information about MultiGov Pro, visit our website at <http://www.aerospire.com/support.html>.

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Rev. 6/2008