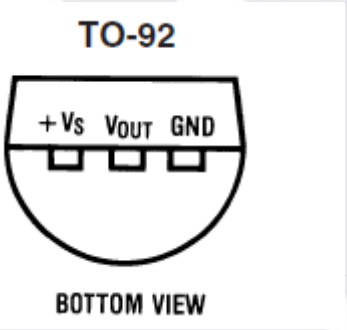
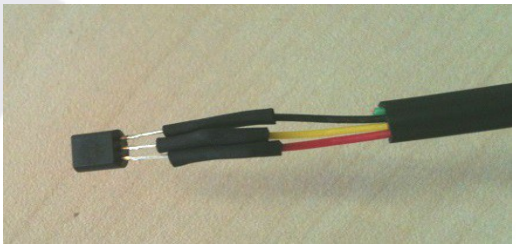
Connecting the LM61 external temperature sensor to a Seletek controller

This is a very simple soldering operation, involving just 3 connections.

Here's the description of each pin of the LM61:





In the example image, +Vs is connected to RED, Vout to YELLOW, GND to BLACK wire.

It must be connected to the MAIN port of your controller – the MAIN is a female DB9, so you'll use a male connector; the exact pins differ between versions of the controller.

- For the *original Seletek, Armadillo or Platypus*:

  +Vs goes to DB9 pin 5
  Vout goes to DB9 pin 9
  GND goes to the shell of the DB9

- For the *Armadillo2, Platypus2 or Tarsier*:

  +Vs goes to DB9 pin 8
  Vout goes to DB9 pin 9
  GND goes to the shell of the DB9

If you are doing this in a motor cable – quite convenient – then, using another 5-wire cable, connect pin 1 to 4 and shell in both the male and female DB9 plugs.

So, for a motor and temperature sensor cable, there are 3 ends:

- 1) DB9 male end (will plug into the controller), you'll have the temperature sensor (to whatever pins depending on the version) and the 1 to 4 and shell soldered to a cable going to...
- 2) DB9 female end (will plug into the motor), just pins 1 to 4 and shell connected to the male end.
- 3) Temperature sensor end, just 3 wires to DB9 male end as explained.
