

## S-201 Travel Sensor Setup

If you snap the wire back into the sensor, it is likely to be ruined. Also, over-extending the wire will ruin the sensor. The sensor has a 10" range; it's safe operating range is from 1" to 9". **No Warranty on sensor if it is determined snap-back or over extension has occurred.**

### Mounting Specifications:

1. The wire should pull straight
2. The wire should not fully extend
3. The wire should not retract all the way.

### Wiring

1. Red wire to the 5 volt terminal of the AuxBox/DL-32/SSI4
2. White wire to the appropriate CH+ terminal
3. Black wire to the ground used by the Innovate Motorsports data logger. From that common ground, run a separate wire to the CH- terminal for the channel being used

### Software setup

1. In LM Programmer set the appropriate channel to External 0..5 (Fig. 1).
2. In Logworks, go to configure channel and set the **Input Mode** to "External 0..5 Volt." In the **Unit of Measure** box type in "inches" and set the values as 0 inches = 0 volts and 9.6 inches = 5 volts (Fig. 2.)

