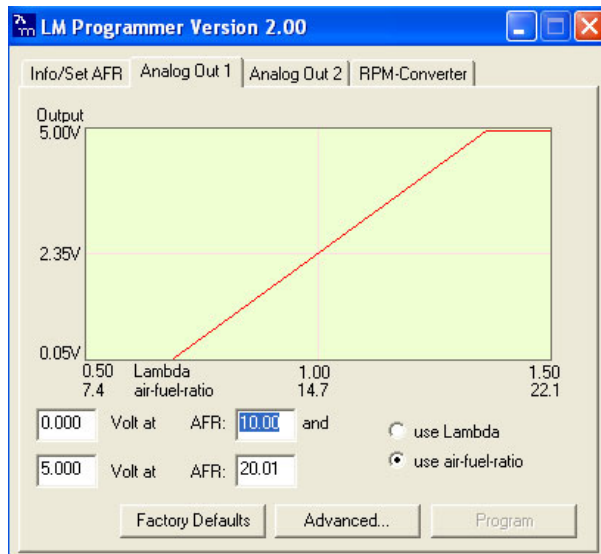# Autronic Output Cable Instructions

The analog output Autronic Cable has five color-coded cable ends. There are three leads that are associated with the interface to the Autronic ECU. The red cable is the Autronic-modified output, black is ground, and the blue needs to be supplied with 12V.

Program the analog output 1 as follows: 0V=10AFR and 5V=20AFR. The screen on the LM Programmer should look like this:

LM Programmer Version 2.00

Info/Set AFR | Analog Out 1 | Analog Out 2 | RPM-Converter

Output
5.00V

2.35V

0.05V
0.50   Lambda   1.00   1.50
7.4   air-fuel-ratio   14.7   22.1

0.000   Volt at   AFR: 10.00   and   ○ use Lambda
5.000   Volt at   AFR: 20.01   ● use air-fuel-ratio

Factory Defaults   Advanced...   Program

Under "Advanced.." select a response speed of 1/6th sec.

For the Autronic SM2 use the Red cable to pin 20 (O2 input), Blue cable to pin 1 (12v supply), and Black is to be grounded at the ECU's case.

For the Autronic SMC use Red cable to pin 7 (O2 input), Blue cable to pin 25 (12v supply), and Black is to be grounded at the ECU's case.

The two other cables are the white which is the analog (unmodified) output 2 and the green wire is the appropriate ground for this output. These can be used for an external data logger, analog display, or any device that can interface with a 0-5V reference.