You can also fill a range of cells with values that are interpolated from the end points. This works over a row, column or 2-dimensional area. To fill values over a two dimensional area, fill the four corners of the area with cell values. Then click and drag to select the area encompassed by those corner cells. Click on the **Auto Fill** button. The software will calculate and fill the correct values for all highlighted cells.

If you are using table B as well as A, you will have to fill those values also. If you want to use the same values in tables A and B, you can copy and paste the data. Hit the **Select All** button while in the table you want to copy. Then press the **Copy** button. Go to the other map table and highlight the cell in the upper left hand corner of the table. Then press the **Paste** button.

Once the maps are set up, you can write to the ECU in the AIC1. To write to the ECU, the ignition must be on so that the AIC1 is powered up. The engine must be off so that tach pulses are not present during programming. To write to the ECU press the **Write Data to the ECU** button. The operation of writing the data will also save the configuration and map information in the current file that is open. You can also upload from the ECU using the **Read Data From the ECU** button. You can then save or modify the data.

Operation:

Once the data is loaded into the AIC1, the engine can be started. From the main screen, the **Real Time** pull down can be used to observe a variety of operating parameters. The **All** option brings up a window that displays boost pressure and RPM as well as pulse witch and duty cycle for both A and B injectors. The All window can be enlarged to full screen size to make it easy to read while working on the engine. The **RPM** and **Pressure** options display analog gauges that show those parameters. The **All**, **RPM** and **Pressure** options can all be displayed simultaneously.

Ordering Options:

Part Number	Number of Injectors	Injector Impedance	MAP Sensor Type	Map Tables Used
AIC1-A2H	2	High	Absolute	A
AIC1-A4H	4	High	Absolute	A and B
AIC1-G2H	2	High	Gauge	A
AIC1-G4H	4	High	Gauge	A and B
AIC1-A1L	1	Low	Absolute	A
AIC1-A2L	2	Low	Absolute	A
AIC1-G1L	1	Low	Gauge	A
AIC1-G2L	2	Low	Gauge	A