



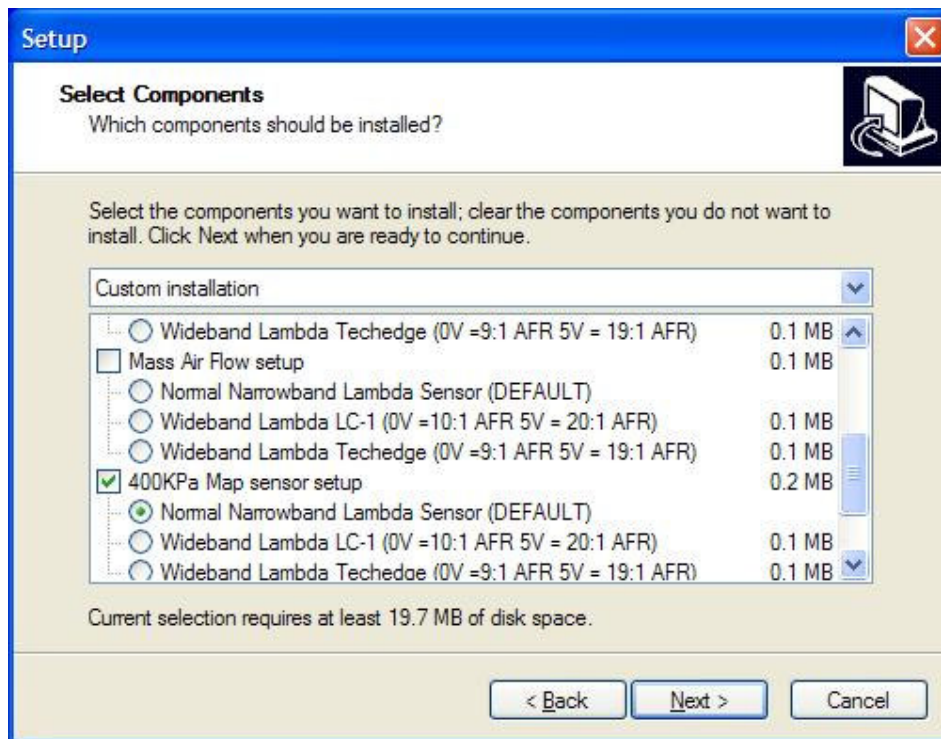
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400Kpa (38PSI) Sensor Setup Instructions

Some people just can't get enough boost, for those of you who need more than 21PSI of pressure then we can fit a 400kPa sensor, this is capable of boost pressure up to 38PSI!!

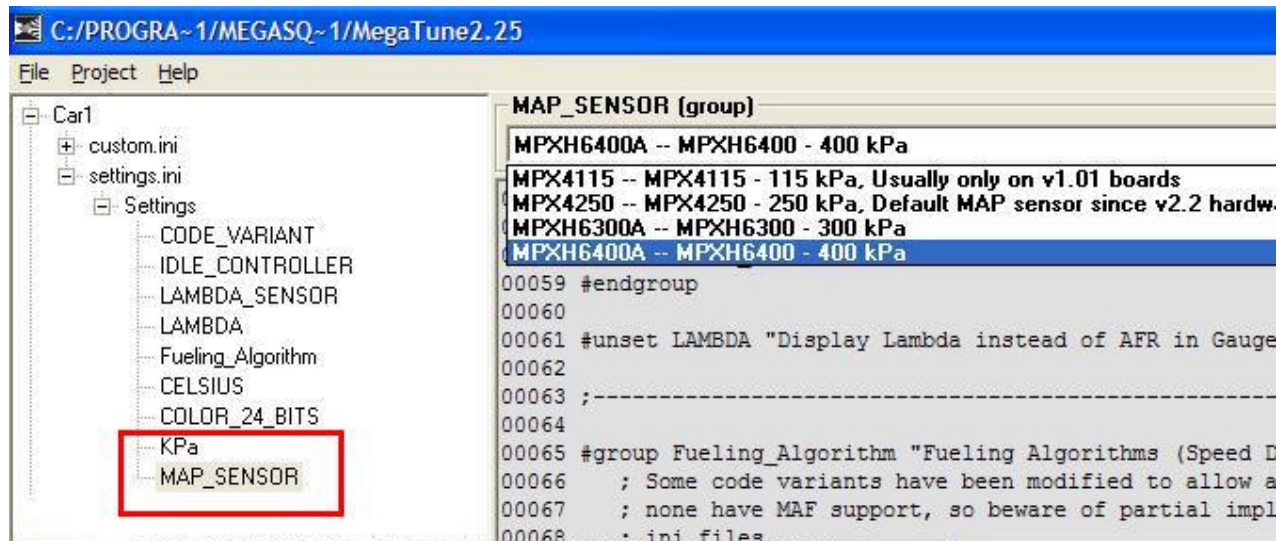
MS1-Extra ONLY see below for MS2-Extra

If using **MS1-Extra** then when installing the MegaTune software ensure you select **400KPA Map Sensor setup** when asked rather than the **Standard Sensor setting**:



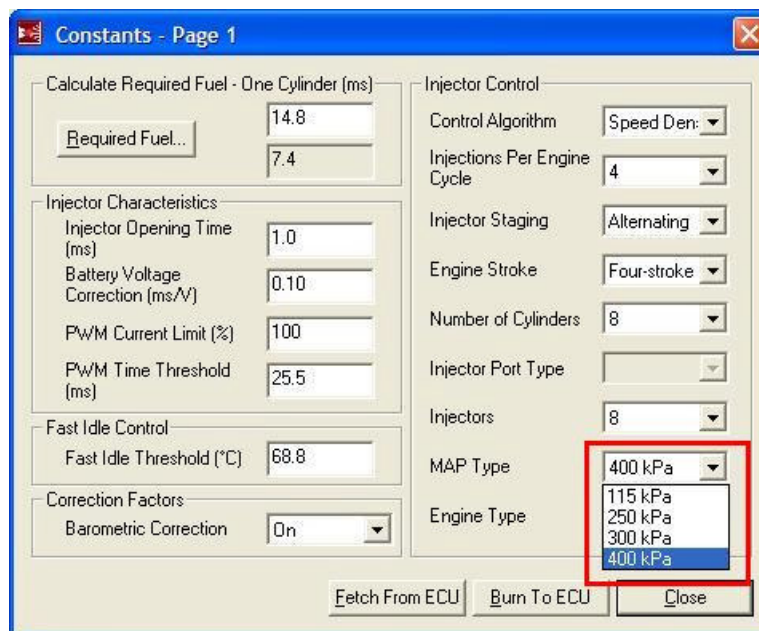
If you have already installed the software then all is not lost, just run MegaTune and select **File - Configurator**:

Select **Car1 - Settings.ini - Settings - MAP_SENSOR**



At the top of the page you'll see a drop down list, just incase you need to know, the standard MS ECU MAP sensor is MPX4250, select the **MPXH6400A -- MPXH6400 - 400kPa** setting then goto **File and Save**.

Your MegaTune software is now configured to use the 400KPa sensor, all you now need to do is ensure the MS ECU has 400KPa sensor selected in its settings. To do this power the MS ECU up and connect MegaTune. Goto **Basic Settings - Engine Constants** and ensure that MAP Type is set to 400KPa:



MS2-Extra ONLY

When using **MS2-Extra** then after installing the MegaTune software, power the MS ECU up with MegaTune connected and go to **Tools - Sensor Calibration**:

Ensure the settings are all set with these figures in them then click **BURN TO ECU**:

MAP Sensor (F1 for common values)	
Value at 0.0 volts (%)	3.5
Value at 5.0 volts (%)	416
Barometer Sensor (usually identical to MAP)	
Value at 0.0 volts (kPa)	3.5
Value at 5.0 volts (kPa)	416
Barometric Correction	
At total vacuum (%)	147.0
Rate (%)	-47

F1 Fetch From ECU Burn To ECU Close

For your information the standard MS ECU MAP sensor should be set to:

Value at 0.0 volts = 9.3

Value at 5.0 volts = 260.9

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