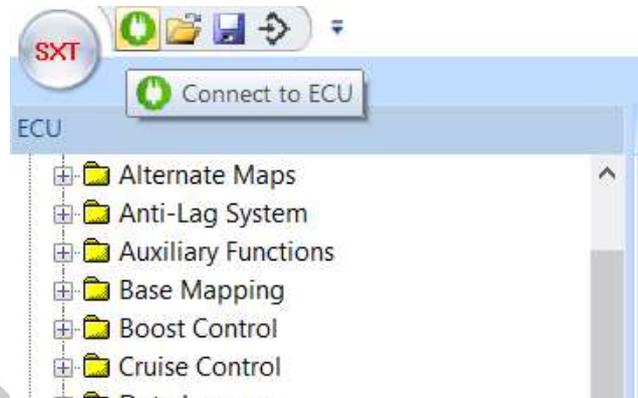


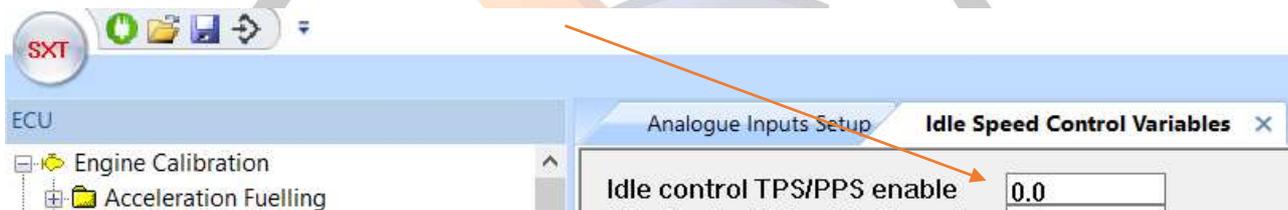


Throttle Position Sensor Calibration

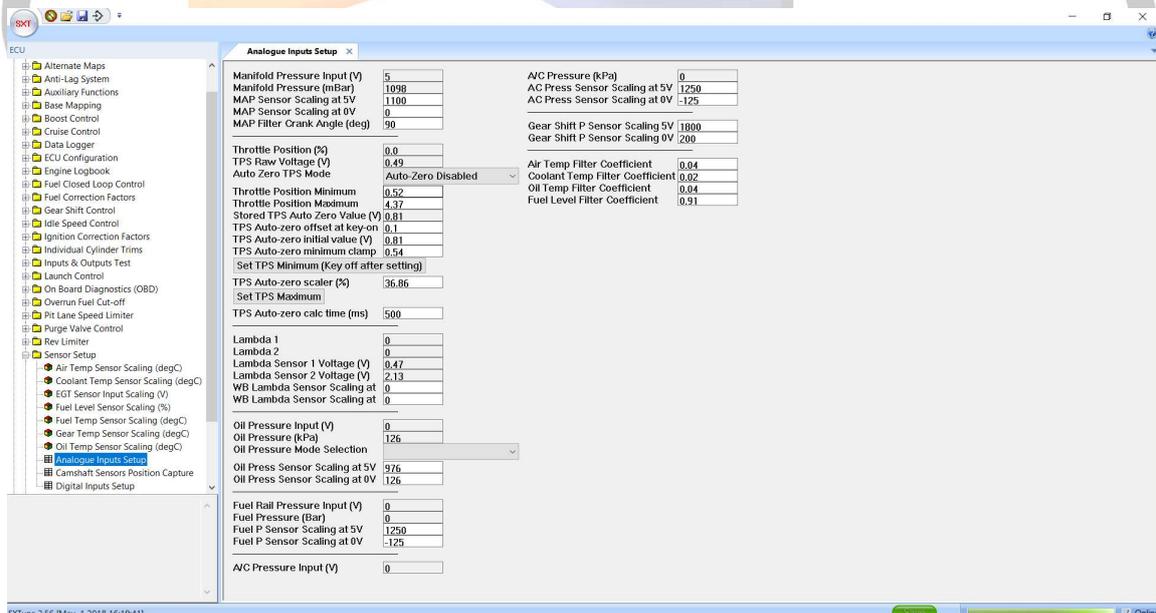
Using the green 'Connect to ECU' button whilst the ignition is on, connect your PC to the ECU. Once a connection has been made, the green icon will have a red cross through it.



Before adjustments can be made, you will need to turn off 'Idle Control'. This can be done by clicking 'Engine Calibration' then 'Idle Speed Control' and going into 'Idle Speed Control Variables'. You will then need to change the 'Idle control TPS/PPS enable' box to 0.0. This will need to be changed back to 0.8 once the calibration process has been done.



Next, click on 'Engine Calibration' followed by 'Sensor Setup' until you see 'Analogue Inputs Setup'. Click on 'Analogue Inputs Setup' to take you to this screen:



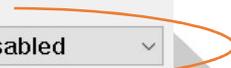
Here you will need to set the TPS minimum and maximum values. Firstly, you need to disable **'Auto Zero TPS Mode'**.

Throttle Position (%)	0.0
TPS Raw Voltage (V)	0.50
Auto Zero TPS Mode	Auto-Zero Disabled
Throttle Position Minimum	0.52
Throttle Position Maximum	4.37



With this disabled, you can now set your minimum and maximum positions. Firstly, with the throttle at 0.0%, note the **'TPS Raw Voltage (V)'** and enter this value into **'Throttle position Minimum'** like so:

Throttle Position (%)	0.0
TPS Raw Voltage (V)	0.50
Auto Zero TPS Mode	Auto-Zero Disabled
Throttle Position Minimum	0.52
Throttle Position Maximum	4.37



Next, obtain 100% throttle by pressing the accelerator pedal all the way down to the floor. Again, take note of the **'TPS Raw Voltage (V)'** and enter this into **'Throttle Position Maximum'** like so:

Throttle Position (%)	100.0
TPS Raw Voltage (V)	4.45
Auto Zero TPS Mode	Auto-Zero Disabled
Throttle Position Minimum	0.52
Throttle Position Maximum	4.37
Stored TPS Auto Zero Value (V)	0.01



Please ensure you have tried this and the other guides before contacting us as these are the first things we will get you to check.

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