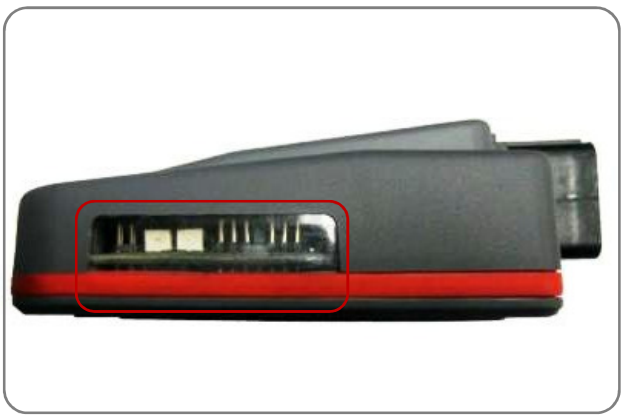
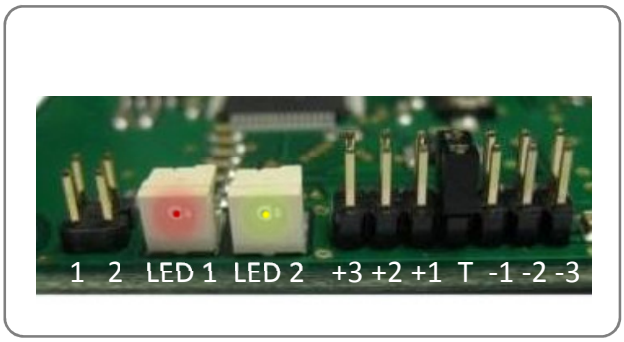
Module fine settings





The Performance tuning can obtain a different result throughout the series. It`s possible that the engine power turns out to be too high or too low. If the power should be too high, it is shown by a strong soot generation, disturbed engine run, engine misfire or the initiation of the engine emergency program. In the emergency program the vehicle drives with a strongly decreased performance. In some vehicle models Malfunction Indication Light (MIL) flashes. The emergency program is a protective function of the engine and can be deactivated at any time.

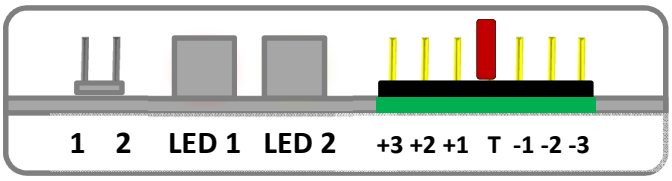
With fine tuning these problems can be resolved. A fine tuning is normally not necessary, since the module was balanced and programmed for the respective vehicle. Before a change is made, you should contact your salesman or the manufacturer of the system. A technician will gladly help you. If you want to change the settings solve the four screws (Torx 10)to get to the board.

Module side view

On the side window of the unit you can see two LED's and some jumpers. The left set of jumpers is used for the program selection. The right set of jumpers is used for fine-tuning the Tuning box.

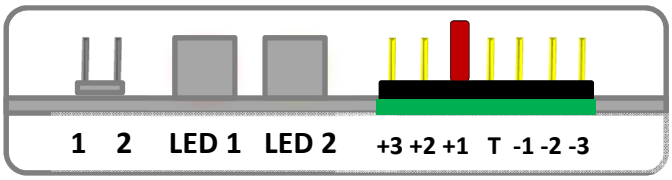
Module fine settings

Fine-tune jumper (right)



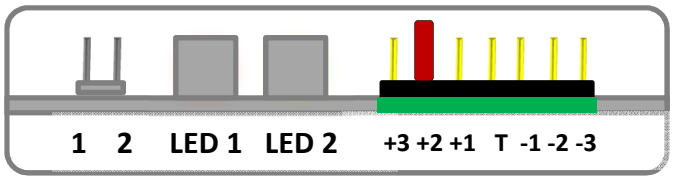
ill.1

Only one jumper must be present in this row. Jumper on T position gives settings as made in configuration program. Now you can raise or lower the power output by setting the jumper on a positive or negative value. (see ill.1)



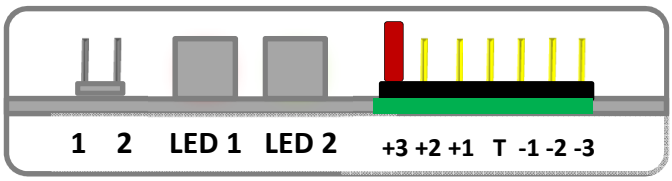
ill.2

Position +1
The performance is changed by the correction factor +1 (see ill.2)



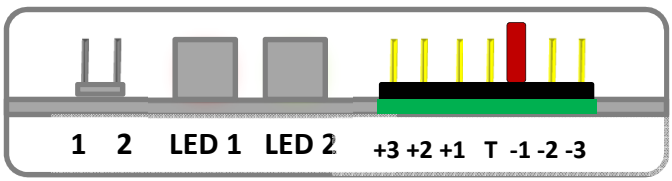
ill.3

Position +2
The performance is changed by the correction factor +2 (see ill.3)



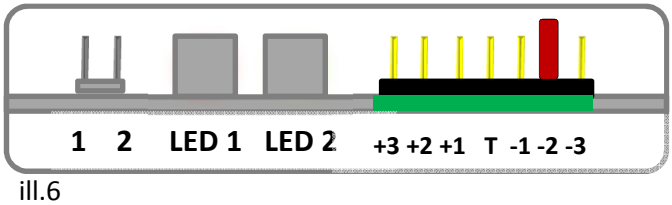
ill.4

Position +3
The performance is changed by the correction factor +3 (see ill.4)



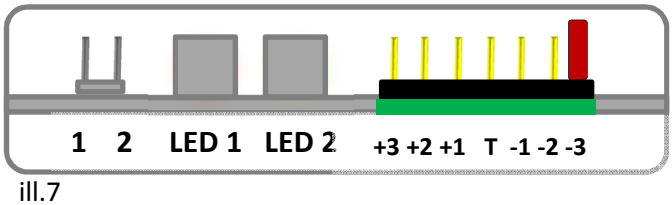
ill.5

Position -1
The performance is changed by the correction factor -1 (see ill.5)



ill.6

Position -2
The performance is changed by the correction factor -2 (see ill.6)

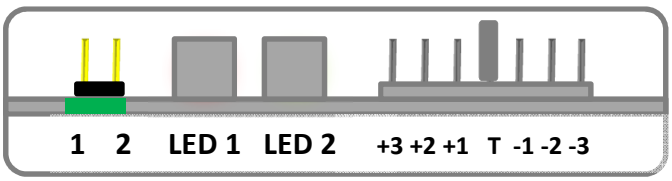


ill.7

Position -3
The performance is changed by the correction factor -3 (see ill.7)

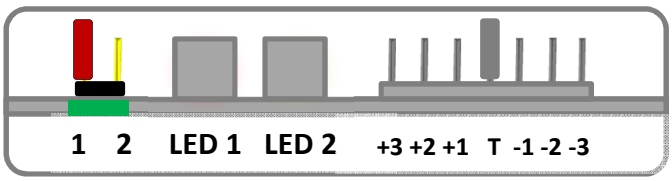
Module fine settings

Program jumper function (left)



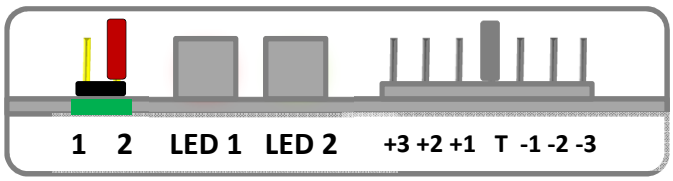
ill.1

Program 1 = no Jumper (ill. 1)
The power curve of the 1st Program is active.



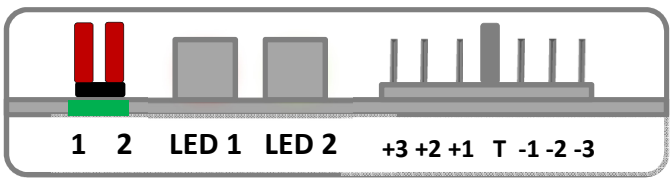
ill.2

Program 2 = Jumper on position 1 (ill. 2)
The power curve of the 2nd Program is active.



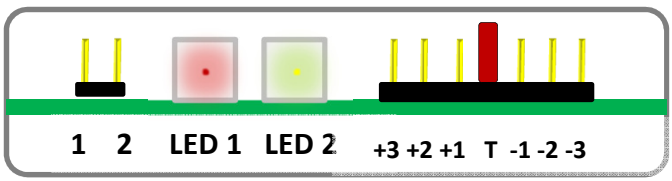
ill.3

Program 3 = Jumper on position 2 (ill. 3)
The power curve of the 3nd Program is active.



ill.4

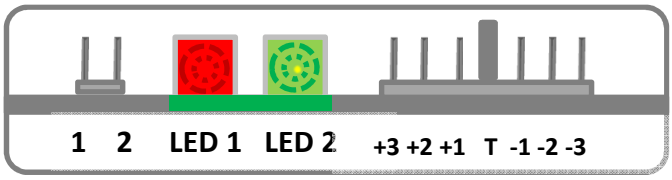
Program 4 = both Jumper on position 1 and 2 (ill. 4)
The power curve of the 4th Program is active.



ill.5

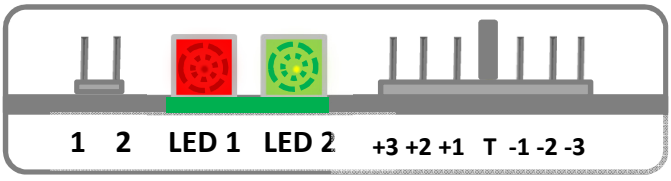
0, 1 or 2 jumpers can be applied in this row. Should a not configured program be selected, program 1 is automatically called.

LED`s



ill.6

Both LED`s flashes only while driving (ill.5). You can`t check the LED`s when you turn only the ignition on.



ill.7

Red LED → The device is ready for use (ill.6).
Yellow LED → The tuning is active (ill.7).