

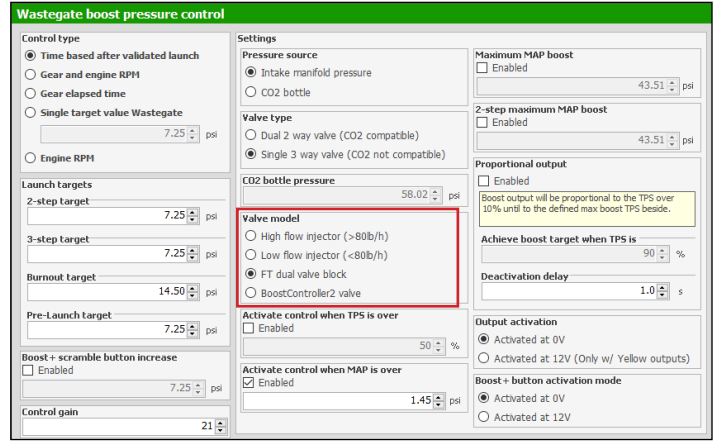
Wastegate boost pressure control

The active control function of the wastegate valve pressure is used for a more precise control of turbo pressure in street, circuit and, mostly, drag race cars. The control can be performed by time after 2-step, by gear and engine RPM, by gear elapsed time, by a single target or by engine RPM, besides specific targets for 2-step, 3-step and burnout mode.



IMPORTANT:

- The pressure controlled by BoostController is the pressure at the top of the wastegate valve.
- You can set the maximum MAP pressure and maximum MAP pressure on 2-step.
- When the BoostController is off the target is zero, and each time the read pressure, for any reason, exceeds 1.45psi the decrease solenoid is activated.



Installation diagram

- 1 - Decrease solenoid/injector trigger – connected to the blue or yellow output
- 2 - Decrease solenoid
- 3 - Increase solenoid/injector trigger – connected to the blue or yellow output
- 4 - Increase solenoid
- 5 - 12V from relay
- 6 - Intake or CO2 bottle
- 7 - Pressure sensor
- 8 - Pressure sensor hose
- 9 - Intake
- 10 - Free air
- 11 - Control pressure Wastegate
- 12 - FT dual valve block
- 13 - Activation LED

