Installation Instructions

EVC Set Up Instructions
(Does not cover installation)

This is the preferred method of set-up using the learning mode.

Important Notes:

· Any time the display shows a flashing L turn knob to left

· Any time the display shows a flashing H turn knob to right.

· Any problems, Reset EVC and begin again

· Move through the following steps in order .

After Installation:

1) Check that the setting on the back of the EVC unit is set correctly.

If you have an internal wastegate, single port, swing valve wastegate select "SW".

If you have an external wastegate, dual port or poppet type wastegate select "PO"

(Most production vehicles are SW. Example: Mitsubishi Evo 1 to 6 are SW)

2) Power on - Press and hold Alt Button, press Sbc button. The unit should beep and display an L , turn Power off. (If no L display, reset unit (see below) and begin again)

3) Drive to a strip of road (track) for learning run. Driving in 3rd gear, at a low RPM turn EVC unit on and accelerate steadily - Display will show L until run is complete, then it will beep and show H. Do not exceed red line. Lift off throttle and slow until you reach RPM used for beginning run (still in 3rd gear), accelerate the same as first run until unit beeps and display changes from H to numbers. This means the run was successful, proceed to a safe area, stop the car and go to step #4.

Only if the learning mode is unsuccessful or you wish to begin again, reset unit as follows:

To reset unit: Power off - Press and hold Mod button, press and hold Alt button, press Sbc button (It takes two hands to perform this task) Unit will beep. Start again at #2.

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After completing Learning mode:

4) Set Boost Pressure - Engine off, ignition on, EVC power on, Wait for unit to enter Monitor mode, press Mod button several times until the display shows high (should be flashing) set and kg/cm²(must also be in display), if display does not show high, set and kg/cm² continue pressing Mod button until it does.

Set high boost and quickly press Alt, (Refer to important notes on page #1)

Low and Set should be flashing, Set Low boost and quickly press Mod

(to switch between set high and set low just press alt button)

5) Check Offset - Offset should read 100, do not adjust, Press Mod

6) Set Boost Button (Scramble Boost) - Set amount of boost to be added to your high boost setting, (for example 0.2) Press Mod

7) Set Time - Set amount of time(in seconds) for boost button, press Mod

8) Set Maximum Safety boost - Set Maximum boost (before system cuts and returns to std levels) press Mod. Wait for system to return to Monitor. Power off

After you finish the above, it is advisable to lock the settings so that they can not be altered.

9) To Lock System - Engine off, Ign. on, EVC Power off, Press and hold Alt, Change position of SW<>PO switch on the back of EVC, Unit will beep, release Alt button and return SW<>PO switch to original position. Unit will beep, Unit is locked.

To unlock system follow the locking instructions, except press Sbc button instead of Alt.