

LLY BOOST CONTROLLER INSTALLATION/INSTRUCTION GUIDE

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Locate Turbo Sensor in order to connect boost controller.

Two Methods to access and locate Turbo Sensor

- 1) Behind the AC Compressor
 - a) Remove the fan belt
 - b) Remove 4 bolts from the A/C compressor, do not remove A/C pressurized line bolts
 - c) Lift A/C compressor off and set down on to left of engine.



- d) Sensor is directly behind A/C compressor under rigid coolant and should be easy to access. Do not connect to similar sensor which is located to the right of the boost sensor. It is called the Barometric Sensor and looks identical as the boost sensor



- e) Unplug factory harness from sensor and connect boost controller in between harness & sensor.

- 2) In front of the Air Intake Tube & Turbo
 - a) Remove Air intake tube from the air cleaner box and turbo, loosen clamp at turbo inlet and remove intake air tube.
 - b) Access will be under the rigid coolant pipe

c) Unplug factory harness from sensor and connect boost controller in between harness and sensor.

Position module next to the front side of battery and strap it as necessary. This will be the best location to keep module as cool as possible. Pass the white 4-pin connector through the firewall rubber grommet accessing cab. Locate and mount switch/control knob in convenient location.

Boost can be adjusted while driving simply turn dial clockwise to increase boost, counter clockwise to return to factory boost settings.

When running Hot tune, maximum horsepower will be attained at 30 – 32 psi measured with a mechanical boost gauge after the intercooler. The Best spot to install boost gauge is in cast aluminum intake tube on the engine.

Horsepower will be lost above 32 – 34 psi, do not run above 34 psi unless used for towing applications to reduce exhaust gas temperatures.

When running stock or tow programs maximum boost pressure, it should be adjusted to around 25 – 28 psi. for maximum horsepower. Horsepower will be lost above 28 psi.

To tell if the switch in the OFF position:

Toggle Switch:

Switch opposite to groove on shaft is in the off position.

Optional Rocker switch instead of Toggle Switch:

Switch towards 0 is in the off position.

When switch is in OFF position:

Allows for an increased dialed in amount of boost during the entire boost range– setting good for power brake launches, economy while running Hot Tunes will clean up smoke at all throttle positions.

When switch in the ON position:

Allows for maximum low boost fuel and an increased dialed in amount of boost only if factory boost has attained over 18 psi. Good for non-power brake launches, economy while running stock or tow tunes.

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