

# Variable Boost Controller (VBC):: 0-30 psig Increase

*Warning: Professional Installation is recommended. Severe engine damage can result from misuse. For race vehicles that should never be driven on public highways.*

## Contents:

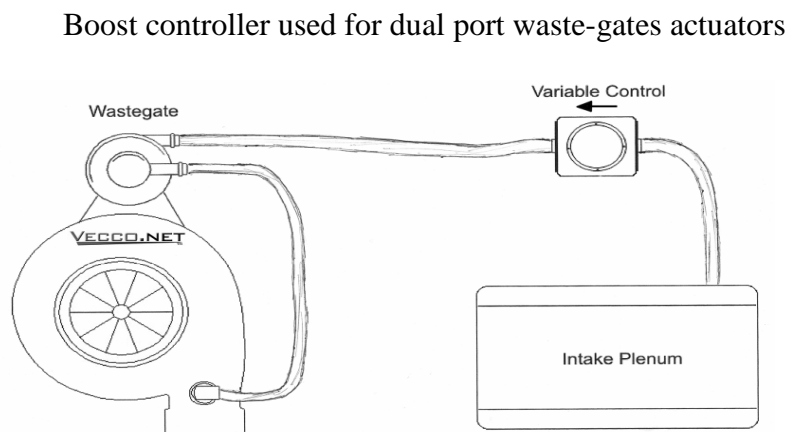
- (1) Variable Controller
- (2) Barb Fitting
- 1) 10' Vacuum Line
- (6) Vacuum Line Secure Straps

## Features:

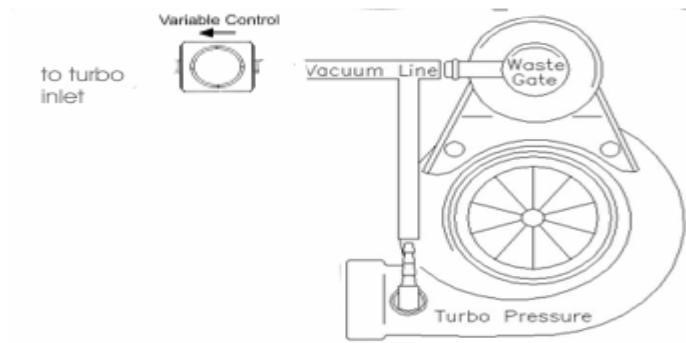
- The VBC can adjust boost pressure on any Deltagate, Racegate and most dual port wastegate actuators.
- Kit can adjust from the stock pressure, to 30psig above stock in most applications.
- Locking mechanism to insure safe operation. Push knob in to lock, pull knob out to unlock.
- VBC can also be used with the common single port waste-gate actuators.

## Installation:

1. Mount the VBC unit to a firm location with the included self-tapping screws.
2. Run vacuum lines through firewall, making sure you do not pinch the lines
3. You should have 2 lines running in the cockpit of your vehicle
4. Use zip ties on all vacuum connections to prevent blow off of hoses under boost
5. Rout lines to wastegate depending on which set up you have below.
6. You must take extreme caution with setting up your initial boost settings. Start with the VBC knob fully closed. If you are unsure if your unit is closed, blow into the unit and turn the knob until **NO** air flows through the unit. This will give you the lowest boost setting. Raise your boost by making small incremental changes to the knobs position to allow a small amount of air through.



Used as a bleeder valve for single port actuators



Used for external waste-gates

