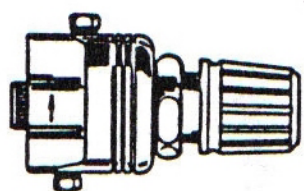


You can purchase this part at: <http://thmotorsports.com>

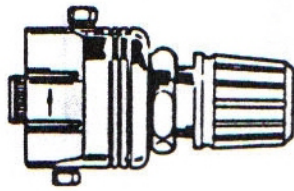


More installation manuals at: [www.thmotorsports.net](http://www.thmotorsports.net)



CREDLY T.V.C. MINI-TYPE

-----INSTALLATION INSTRUCTION MANUAL-----



Thank you for making a winning choice and choosing Credly Performance Products!

\* Please note \*

These instructions assume that the installer of this product has a complete understanding of the operations and principle of a turbo charged engine.

!!! Please read these instructions completely before beginning the installation of this T.V.C.!!!

Figure 1.1

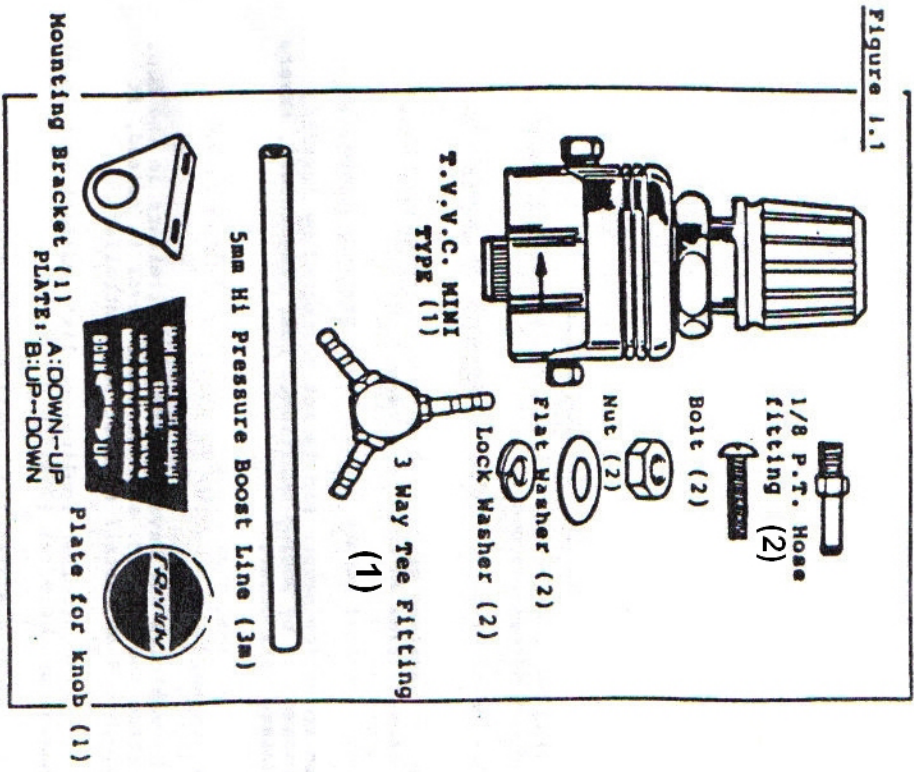




Figure 2.A

Single Turbo

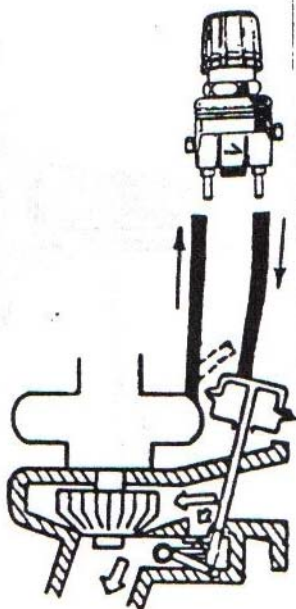
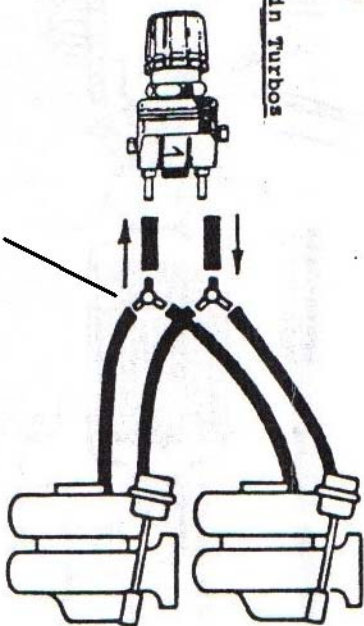


Figure 2.B

Twin Turbos



For Twin Turbo application,  
An optional 3-way tee (NOT INCLUDED)  
is needed.

Installation Instructions

External waste-gate (popet type).  
Internal Waste-gate (swing type).  
- single & twin turbo -

Note: For the following instructions please refer to figures 1.a, 1.b and 3.1 for proper hose routing.

- 1) Locate the waste gate actuator.
- 2) Locate the boost control solenoid.
- 3) Locate the boost pressure pick-up in compressor housing or in charge pipe before throttle housing.
- 4) Unplug electrical plug on boost control solenoid. (when applicable)
- 5) Remove OEM hose from waste gate actuator.
- 6) Connect T.V.V.C. hose to actuator - route through firewall to decider T.V.V.C location.
- 7) Connect T.V.V.C. hose to compressor housing fitting or charge tube fitting (boost source).
- 8) Connect hose from boost source to the inlet of the T.V.V.C.
- 9) Connect hose from waste gate actuator to the outlet of the T.V.V.C.
- 10) Route all hoses so they are not exposed to high temperatures or moving parts, keeping hoses as short as possible.
- 11) When fitting the T.V.V.C. on to twin turbo cars use 3 way tee fitting to control both turbo waste gate actuators. (See figure, 2b)
- 12) Mount the T.V.V.C. in the cockpit so it can be easily reached (adjusted) by the driver.
- 13) Fit appropriate cover plate for directions to increase or decrease boost pressure.  
Plate A: Down--up - for external waste gate.  
Plate B: Up--Down - for internal waste gate. (see Fig 4.1)

11 Caution-Warning 11

When raising boost pressure, extreme caution must be used or severe engine damage may occur.

A accurate boost gauge is highly recommended to monitor boost pressure.

A exhaust temperature gauge is highly recommended to monitor exhaust temperatures in case of a lean condition.

If detonation (ping) occurs reduce boost pressure immediately.

If a lean condition occurs and is not corrected by lowering boost pressure or by adding additional fuel immediately, severe engine damage will occur.

Additional fuel should be added by means of a Rebic II sub injector system, or its equivalent.

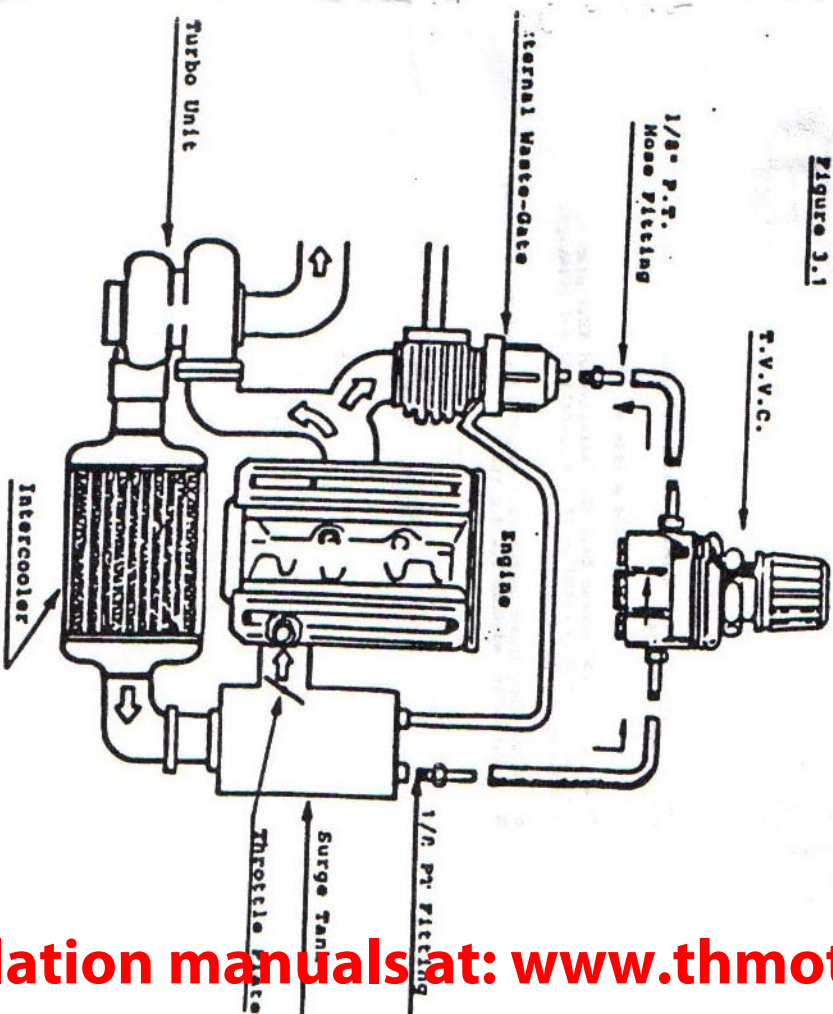
Many turbo vehicles may have factory boost limiters in the ECU. After fitting the T.V.V.C. and the boost level is raised, it may be necessary to install a boost cut controller.

For a Boost Cut Controller application list, contact your local G.P.P. dealer or G.P.P. at (714)588-6300.

For any technical assistance or questions regarding the installation or operation of the T.V.V.C., please contact at G.P.P. at (714)588-6300.

T.V.V.C External Wastegate (Poppet Type)  
Standard Hose Routing

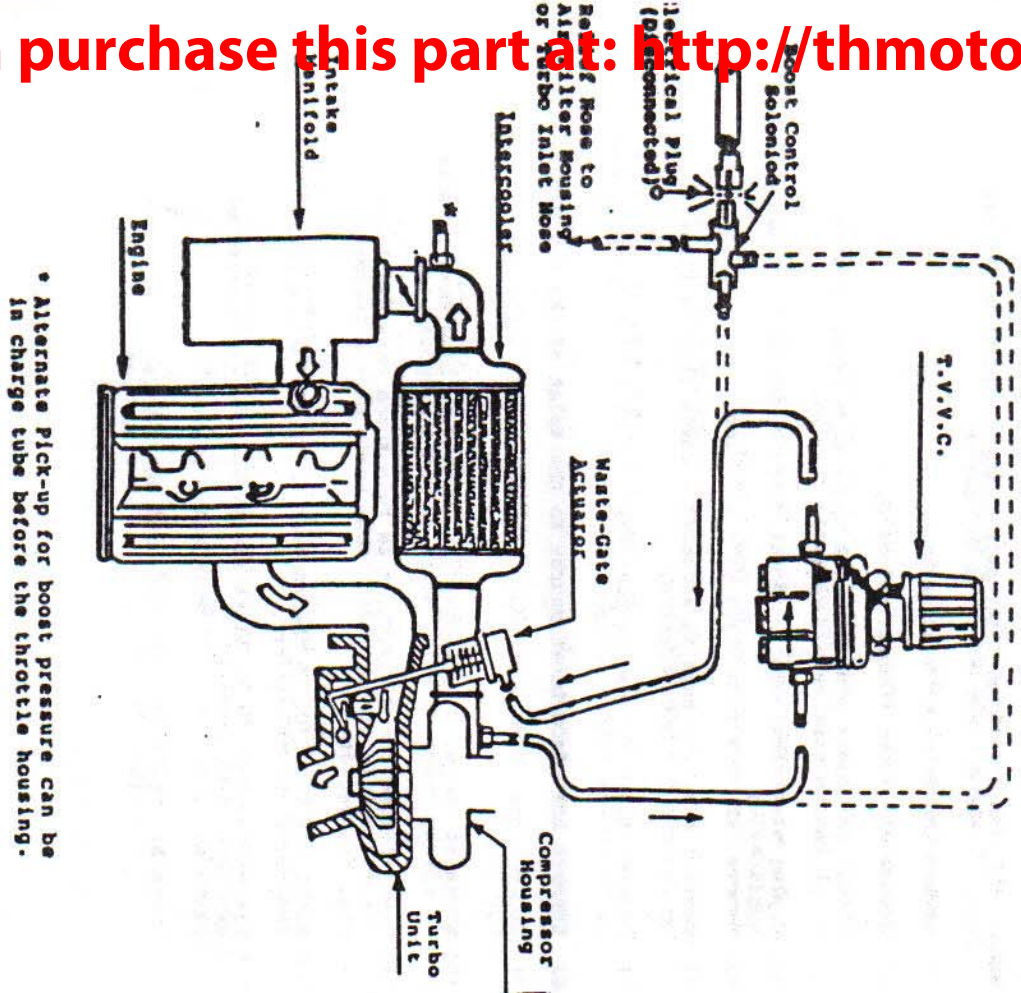
Figure 3.1





**T.V.V.C Integral Wastegate (Swing Type)  
Hose Routing  
For Vehicles with Factory Boost Control Solenoid**

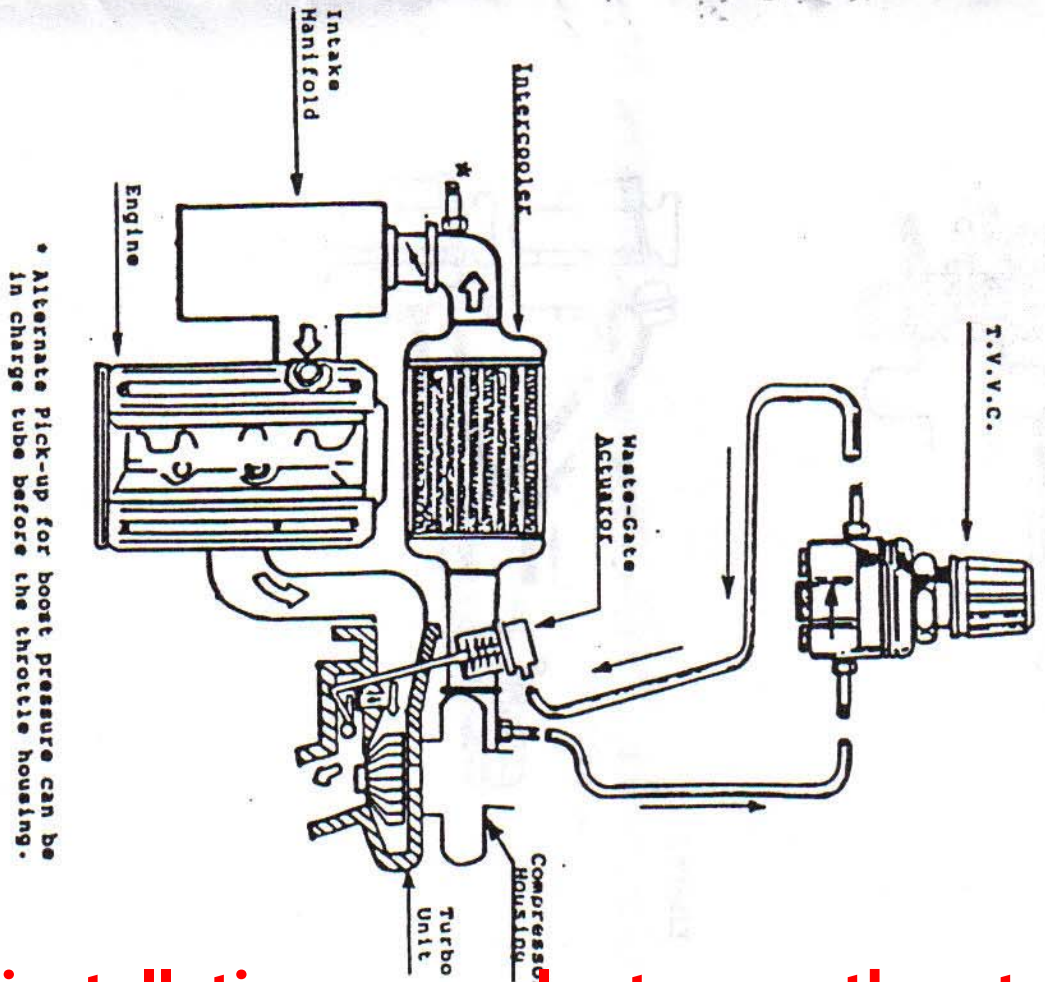
**Figure 1.A**



(4)

**T.V.V.C Integral Wastegate (Swing Type)  
Standard Hose Routing**

**Figure 1.B**



(5)