64023 & 64024
Vehicle Anti-theft System (V.A.T.S.)
Bypass Module

Installation Instructions

This kit consists of a module, 2 mounting screws and a butt connector.

Mounting:

Mount the module in a convenient place under the dash with the screws provided.

Wire attachment:

Black (ground): The black wire must be grounded. It may be tied into the black/white wire in the injection harness or to a good chassis ground.

Lt. Green or Gray (VATS): This wire attaches to the VATS wire in the injection harness which should be the wire from your computer. All late TPI and LT1 engines should have this wire in the harness.

NOTE: If your harness doesn't have the VATS wire in it already then install the one supplied using the instructions on the back of this sheet.

Red (power): The red wire must tie into a **5-volt** circuit. The best place to find a 5-volt signal is the Throttle Position Sensor gray wire. Using the list below locate this wire at the ECM and splice the VATS module red wire to it using the supplied butt splice.

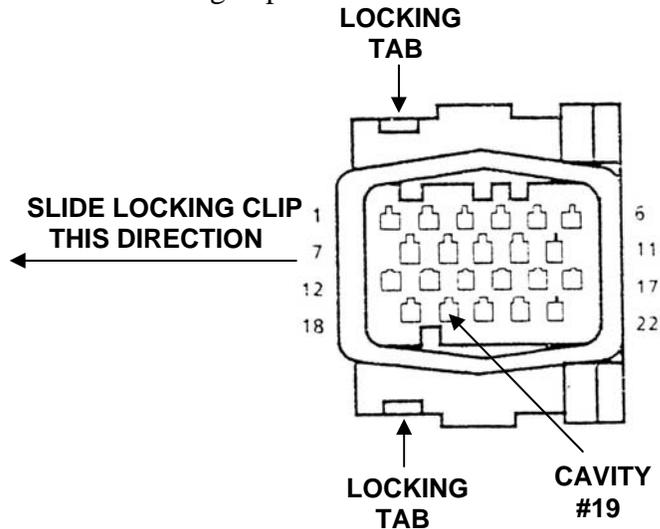`90-92 TPI (Speed Density): Black 24-way connector, cavity A5
`92-93 LT1: Green connector, cavity #2
`94-95 LT1: Black connector, cavity #28
`97-98 LS1: Blue connector, cavity #43

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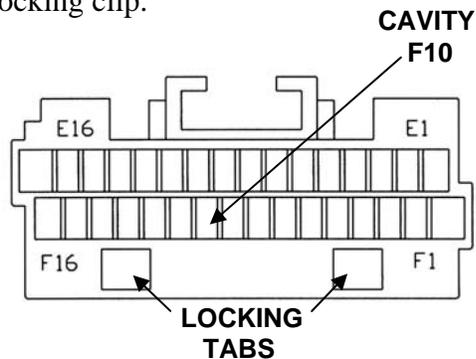
Adding VATS wire to LT1 harness:

1. Locate the Gray computer connector.
2. Remove the red locking clip on the back of the connector.
   To remove the clip you will locate the two locking tabs that secure it as shown. Pull the tabs away from the connector one at a time. Once the tabs are free from the connector you will slide the locking clip free from the connector as shown.
3. Take the wire and turn the terminal so that the side with the lip and locking tab are pointed up.
4. Push the terminal into connector cavity #19 (as shown) until it clicks or bottoms out.
5. Re-install the red locking clip.

LOCKING TAB

SLIDE LOCKING CLIP THIS DIRECTION

LOCKING TAB

CAVITY #19

Adding VATS wire to TPI harness:

1. Locate the Yellow computer connector.
2. Remove the gray locking clip on the back of the connector.
   To remove the clip you will locate the two locking tabs that secure it as shown. Pull the tabs away from the connector one at a time. Once the tabs are free from the connector you will slide the locking clip out of the connector.
3. Take the wire and turn the terminal so that the side with the lip and locking tab are pointed down.
4. Push the terminal into connector cavity F10 (as shown) until it clicks or bottoms out.
5. Re-install the gray locking clip.

CAVITY F10

E16   E1

F16   F1

LOCKING TABS

2

Painless Performance Limited Warranty and Return Policy

Chassis harnesses and fuel injection harnesses are covered under a lifetime warranty.

All other products manufactured and/or sold by Painless Performance are warranted to the original purchaser to be free from defects in material and workmanship under normal use. Painless Performance will repair or replace defective products without charge during the first 12 months from the purchase date. No products will be considered for warranty without a copy of the purchase receipt showing the sellers name, address and date of purchase. You must return the product to the dealer you purchased it from to initiate warranty procedures.