



# Ignition Modules

**Twin Tec TCFI Fuel Injection Kit** for 2001-11 TC-88 with Delphi Fuel Injection System includes plug in fuel injection controller, PC link, interface cable, Wego wide band exhaust gas oxygen sensor and weld nut for exhaust pipe. The TCFI solves tuning problems with highly modified engines. Features a fully programmable plug in replacement for Delphi Controller which allows programming of advance curves, idle air control including idle RPM and cold start characteristics. The TCFI communicates diagnostic information by blinking codes on the check engine LED. The unit also has built in data logging that stores data for the last 15 minutes of operation. Fits all 2001-up.

**\*Note** Oxygen sensor must be installed in rear exhaust pipe.

| VT No.   | Item       |
|----------|------------|
| 32-1004  | TCFI2D-Kit |
| 32-1016  | TCFI3D-Kit |
| 32-1017* | TCFI3D-Kit |

**\*Note:** Same features as 32-1016 with the addition of extended data logging and diagnostics.



### Vacuum Switch Assembly

| VT No.  | OEM      | Fits                                     |
|---------|----------|--|
| 32-9079 | 26557-83 | 1984-90 All FXR                          |
| 32-9080 | 26558-84 | 1984-90 FXST 1986-89 All FLT             |
| 32-9083 | 26566-91 | 1991-95 All FXST-FLST, Dynaglide and FXR |



**Ignition Module Adapters** allow use of seven pin module (1991-93) going to eight-pin Deutsch (1994-99) wiring harness or an eight pin module going to a seven pin harness. Cannot be used on electronic fuel injected models.

| VT No.  | Fits                          |
|---------|-------------------------------|
| 32-0085 | 7 Pin Adapter to 8 Pin Module |
| 32-0086 | 8 Pin Adapter to 7 Pin Module |



**Vance & Hines Throttle Pack** designed for throttle by wire, the throttle pak improves the responsiveness of your engine by eliminating the factory programmed electronic lag. Compatible with any exhaust system or fuel tuner. Easy plug-in installation into the throttle body. This throttle pak modifies the speed and degree of the throttle body opening the throttle plate. Fuel curve and timing curve are not affected.

**VT No. 32-1035**



**Twin Tuner II** features all the same function as the original Twin Tuner and includes ignition timing control capability. Easily adjust the OEM fuel injection controller and ignition to math the requirements of performance parts. Allows the use of the up and down buttons to make fuel trim adjustment and the valve is displayed on LED board also has advanced mode that will allow the tuner to make precise adjustment to each cylinder. Requires optional USB interface cable VT No. 32-3045 Compatible with Twin Scan II Turning Aid. VT No. 16-0378

| VT No.  | Fits   |
|---------|--|
| 32-3042 | 2001-2011 FXST, FLST, FXD with 36 pin Delphi |
| 32-3043 | 2012-up FXST, FLST, FXE with can data bus    |
| 32-3044 | 2008-16 FLT with 73 pin Delphi               |
| 32-3045 | Optional USB Interface Cable                 |



**Twin Tec External Ignition for 1999-06 Carbureted Twin Cam Models.** Wide timing advance adjustment range accommodates stock to highly modified engines. Features digitally set RPM Limit (100 RPM Steps). Selectable multi-spark mode for quick starting and smooth cruise. Coil outputs protected against short circuits. Billet aluminum housing with black anodized finish. Easy plug-in installation supports all sensors including theft/security module.

| VT No.  | Years                                |
|---------|--------------------------------------|
| 32-1008 | 1999-03 TC-88 Carburetor Only        |
| 32-1014 | 2003-06 TC-88 and XL Carburetor Only |



**Twin Tec External Plug In Ignition for 1990-99 Evolution Big Twins** features 4 rotary switches used to set the operating modes such as single or dual fire, adjust the timing, advance and select RPM limit. Two diagnostic LED's indicate status and start of the VOES switch. The status LED is also used for static timing as it will flash when the engine reaches top dead center.

| VT No.  | Item                         |
|---------|------------------------------|
| 32-1006 | 1990-94 with 7 pin Connector |
| 32-1007 | 1995-99 with 8 pin Connector |



**Caution:** These products are not legal for sale or use in California on pollution controlled vehicles. These products are intended for non-highway only.

