



**Daytona Twin Tec TCFI Gen 5 Auto Tune Fuel Injection controller** is fully programmable plug in replacement for the 36 pin controller with CAN data bus used.

- Continuously auto-tunes fuel curves for front and rear cylinders under actual riding conditions with WEGO IIID dual channel wide-band oxygen sensor interface.
- Robust alpha-N (throttle position and RPM based fuel control eliminates problems with long duration/high overlap camshafts.
- Extended data logging and diagnostics. DataFLASH memory stores full 60 minutes of operating data at 10 samples/second.
- Powerful Windows software for custom programming and extending data logging and diagnostics.
- The TCFI solves tuning problems with highly modified engines. High-end automotive racing application use ALPHA-N (throttle position and RPM based) fuel control. ALPHA-N eliminates any dependence on manifold pressure and if unaffected by long duration/high overlap camshafts. The TCFI bring this prove technology to the market places.
- Idle air control including idle RPM and cold start characteristics are fully programmable. This facilitates the use of aftermarket throttle bodies with higher air flow.
- Includes TCFI Gen 5 fuel injection controller, USB interface for PC link, WEGO IIId dual channel wide-band exhaust gas oxygen sensor interface, two Bosch LSU 4.2 wide-band exhaust gas oxygen sensors, and two 18 x 1.5mm weld nuts for the exhaust pipe.

Fits 2012-up FXST, FLST, FXD.

**VT No. 32-7402**



**Daytona Twin Tec TCFI Gen 4 Auto Tune Fuel Injection Controller** is fully programmable plug in replacement for the 36 pin Delphi controller with J1850 data bus.

- Quickly auto-tune fuel curves for front and rear cylinder on a dyno or on-road with new WEGO IID dual channel wide band oxygen sensor interface.
  - Fully programmable plug-in for 36 pin Delphi® controller with J1850 data bus.
  - Powerful Windows software for custom programming and data analysis
  - Full support J1850 data bus used for communications with turn signal/security module (TSM/TSSM) and instrument cluster
  - Support for new 6th gear indicator.
  - Extended data logging and diagnostics. DataFLASH memory stores full 60 minutes of operating data at 10 samples/second.
  - Programmable user input and output.
  - Billet aluminum housing with black anodized finish
  - Easy plug-in installation
  - Supports all sensors including theft/security module
- Includes TCFI Gen 4 plug-in fuel injection controller with billet aluminum housing with black finish, dual channel wide band exhaust gas oxygen sensor interface, two Bosch LSU 4.2 wide band exhaust gas oxygen sensors, and two 18 x 1.5mm weld nuts for exhaust pipes. Quickly auto-tune fuel curves for front and rear cylinders on a dyno or on-road. The robust alpha-N fuel control eliminates problems with long duration/high overlap camshafts. Windows software provides custom programming and data analysis. Its full support for J1850 data bus used for communications with turn signal/security module and instrument cluster.

\*NOTE: Not legal for sale or use on pollution controlled vehicles.

**VT No. Fits**

- 32-7400** 2001-11 FXST, FLST, FXD; 2001-07 FLT
- 32-7401** 2007-up Sportster

# Daytona Twin Tec Ignition Controller



**Twin Tuner Fuel Injection Controller** for 2008-11 FLT models. Features include increased horsepower, improved throttle response, easy plug-in installation and setup; can be used with Dynojet Power Commander Maps and is compatible with Twin Scan II service tool VT No. 16-0378. The Twin Tuner allows you to easily adjust your fuel injection to match the requirements of performance parts. You can add or subtract fuel by using the mode and up/down push button switches.

**VT No. Fits**

- 32-3038** 2008-11 FLT with 73 pin Delphi EFI
- 32-3039** 2001-10 FXST, FLST, FXD with 36 pin Delphi EFI
- 32-3040** 2012-up FXST, FLST, FXD
- 32-3041** 2011 FXST



## V-Thunder Products for Evolution Electronic Fuel Injected models

VT No.	Description	Year
<b>32-0718</b>	Injection Overdrive™ (A)	1995-96
<b>32-0719</b>	Injection Overdrive™ (A)	1997-98
<b>32-0730</b>	Includes VTE 2700P and V-Thunder Fuel Injected Cam	1997-98

### Important Information:

#### Emissions and Noise Regulations

**Disclaimer:** The California Air Resources Board (CARB does not permit the use of aftermarket emission-related parts) that alter the performance of OEM emission-related devices unless CARB has issued an executive order, other than on racing vehicles on closed course. Check your local laws and manufacturer's information.

**Disclaimer:** Emission related parts for OEM Non-emission control system equipped motorcycles as well as slip on mufflers that mount downstream of and which do not alter the performance of OEM emission-related devices, are considered legal replacement parts by CARB. More California exhaust information is available a [www.arb.ca.gov](http://www.arb.ca.gov).

**Disclaimer:** Aftermarket products, including but not limited to exhausts, fuel, air controllers, air filter kits, camshafts and carburetors and jet kits which alter, modify, or replace emission control devices or systems of an originally compliant highway motorcycle, are not legal for sale or street use in California unless they have been issued a CARB Executive Order. Aftermarket emissions related products which have not been issued an Executive Order or which are not aftermarket Replacement Parts, as defined in Title 13, California Code of Regulations, Section 1900 (b)(2), are authorized for closed circuit race use only. Products shown may be designed, manufactured, intended and sold for closed circuit race use only and use of the same on public roads or lands may be a violation of local, state and/or federal laws. See manufacturer's information and state and local laws to determine what is authorized for your use on your vehicle.

**Disclaimer:** Products shown may not conform to federal, state or local noise regulations.



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