



## 2008-2013 HARLEY DAVIDSON® TOURING MODELS

# RCX-CELERATOR

### Installation Instructions

Part# RCXCL240



Congratulations on your purchase of the **RCX-Celerator -Closed Loop Fuel Management System**.

The **RCX-Celerator** is the best of the best in fuel management! It is a full closed loop system which is the same technology used by today's major auto and motorcycle manufacturers. No programming, No adjustments, No downloads. Just plug it in and ride, it is that easy! So no matter where you travel your bike will always be running it's best. Please follow the installation instructions below and if you need further assistance please call our tech support line at 800-360-0915 (ext 130)

**PLEASE NOTE: THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION!**  
**READ ALL THE DIRECTIONS CAREFULLY BEFORE STARTING THIS INSTALLATION.**  
**DO NOT APPLY EXCESSIVE FORCE WHEN INSTALLING THE CONNECTORS.**  
**THIS MAY RESULT IN BENDING THE ALIGNMENT OF THE TERMINAL PINS.**



FIG. A



FIG. B



FIG. C

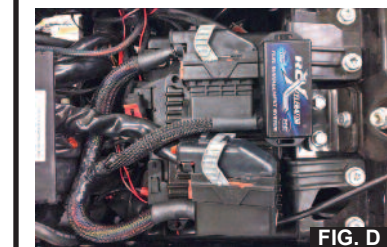


FIG. D



FIG. E

## INSTALLATION

1. Remove the stock seat
2. Locate the factory ECM and unplug the factory wiring harness from ECM (Fig. A)  
**Note: To remove the factory harness, push in tab behind grey lock lever, slide back the lock lever toward the rear of the bike to release harness from ECM.**
3. Connect the (female) end of the RCX-Celerator harness to the ECM (Fig. B)  
**Note: Slide the grey lock lever toward the front of the bike until it clicks to ensure the plug is securely attached to the factory ECM.**
4. Connect the (male) plug of the RCX-Celerator harness in-line to the factory wiring harness (Fig. C) **Note: Slide the grey lock lever toward the front of the bike until it clicks to ensure the plug is securely attached to the factory wiring harness.**
5. Route the RCX-Celerator harness toward the front of the battery box (Fig. D)
6. The RCX-Celerator module can be positioned on top on top of the factory ECM (Fig. D)  
**Note: RCX Celerator module can be secured by using zip ties through the open tabs on either end of the module.**
7. Carefully go back through and make sure all connectors are secure and locked.
8. With the RCX-Celerator module installed turn the key-on, the LED light will blink RED with the key-on to confirm the unit has power.
9. Start the motorcycle and wait approximately 90 seconds for the LED light to turn GREEN. This shows the module is installed correctly and in CLOSED-LOOP mode. (Fig. E)
10. Re-install the factory seat.

## FUNCTIONS AND OPERATIONS

The LED light is located at the top right side of the front of the module.

The LED light will blink RED with key-on

The LED light will turn GREEN after your motorcycle has been running for approximately 90 seconds.

- If light does not turn green, first check all plugs and connectors.
- When installing the RCX-Celerator harness, make sure you leave enough slack that the wires have room to move around when the engine is running.
- The RCX Celerator begins learning and tuning your motorcycle immediately and within the first 50 miles your motorcycle will be running better than ever as it learns how you ride.

**No Downloads • No DynoTuning • No Adjustments • Self tunes as you ride**

## IN THE EVENT OF A MALFUNCTION

In the event of a malfunction the RCX-Celerator can be by-passed and reverted back to stock. By simply unplugging the RCX-Celerator harness and plugging the factory harness back into the ECM.

For technical support, call toll free: 1-800-360-0915 ext. 130 or  
 email [rcx-hausttech@rccomponents.com](mailto:rcx-hausttech@rccomponents.com)

## WARRANTY INFORMATION

The RCX-Celerator is warranted against defects in materials and workmanship for a period of 90 days from the date of purchase. This warranty is strictly limited to repair or replacement of the defective product. This warranty does not cover labor, damages or other incidental charges incurred by the use of this product. To file a warranty claim, the consumer must first contact technical support to receive a return authorization number. Tech support: (800) 360-0915 ext 130

