

2009-2010 TOURING

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

NOTICE:

Fuelpak is intended for racing use only, and is not legal for sale or use in California on pollution-controlled vehicles.

TOOLS NEEDED

- #3 Straight Blade Screwdriver
- #1 Phillips Screwdriver
- Less than 1 hour



**2009-2010 Harley-Davidson®
Delphi® Fuel Injected Touring Models**
INSTALLATION INSTRUCTIONS FOR P/N 61009

INTRODUCTION: Congratulations on your purchase of the Fuelpak Fuel Management System for fuel injected Harley-Davidson® motorcycles. Please take the time to read the entire instruction manual before attempting to install. **DO NOT** adjust the Fuelpak until you have thoroughly read the instruction manual and the unit is fully installed. If you have questions, please call (562) 921-0071.

SUMMARY: To achieve the optimum performance from your application, it is recommended that you install a high performance air filter in conjunction with this unit. The Fuelpak will be installed between the factory wiring harness and the Electronic Control Unit (ECU). The Fuelpak will be mounted on top of fuse cover using the supplied velcro.

PLEASE NOTE: FUELPAK USE REQUIRES A HIGH PERFORMANCE AIR FILTER.

FUEL INJECTION MANAGEMENT SYSTEM

INSTALLATION INSTRUCTIONS



1. Remove seat, exposing factory computer (ECU). disconnect factory wiring by pressing lock and pushing lever back.



2. Remove ECU by pushing tab and sliding the ECU to the right as you lift.



3. Cut and remove the left ECU hold down to allow the ECU to slide over.



4. Gently align the pins of the Fuelpak connector with the ECU and press the connector on the ECU. Be sure the single large pin is aligned with the single large socket before pressing Fuelpak connector into the ECU. Make sure all four tabs fully latch. (Fuelpak connector Patent Pending# 29 295831)
5. Connect factory wiring to Fuelpak connector and pull lever to locked location. Be sure that lock snaps into position.

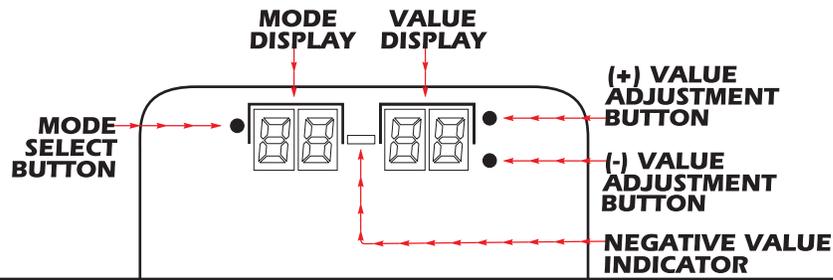


6. Reinstall ECU.



7. Attach Fuelpak to the top of the ECU by using the supplied Velcro.

HOW IT WORKS



ENTERING VALUES

1. Remove Fuelpak clear case cover by removing all four screws, **save hardware**.
2. Turn on **main** power and **handlebar** switches, but do not start engine. Fuelpak display should light up, if not, turn power off and verify the connectors are fully seated.
3. Refer to Fuelpak Map Lookup from www.fuelpakfi.com to locate the Setting Values specific to your bike and exhaust system. If you do not find your setting reference online call tech support at (562) 921-0071.
4. Starting with mode 1 selected, press the value (+) or the value (-) buttons to input the correct value as indicated in your Setting Value. After entering your first value, press the mode select button to move to mode 2 and enter the value. Continue until you have entered the value for each of the first 18 mode positions. Each time the value (+) is pressed, the value increases by one number. Each time the value (-) is pressed, the value decreases by one number. (Please refer to the "How It Works" section directly above if you have questions about this step.
5. By pressing the mode select button 3-times, move to mode 21 and verify that it reads "0"
6. Enter any other mode values as required for your application.
7. Turn power off, wait one second then turn power back on. Verify all modes then turn power off.
8. Reinstall Fuelpak clear cover then reinstall side cover.
9. Reinstall seat. Be sure front tab on seat slides into clip on frame. Tighten all bolts.
10. You are now ready to ride.

IN THE EVENT OF A MALFUNCTION, PLEASE CHECK THE FOLLOWING

TECH SUPPORT

1. Turn off main and handlebar switches then verify all connectors are fully seated.
2. Be sure setting values are correct for your application.
3. Verify throttle calibration, step 5 in Entering Values.
4. Check harness for cuts, scrapes or abrasions.
5. Make sure the battery is fully charged and the charging system is operating correctly.
6. Call technical support at (562) 921-0071

WARRANTY INFORMATION

WARRANTY: Your Fuelpak unit is warranted against defects in materials and workmanship for the period of 90 days from the original retail purchase. In the event of an alleged defect in material or workmanship, Fuelpak's responsibility is strictly limited to repair or replace the defective product. Fuelpak shall not be responsible for (a) labor, transportation, or other incidental charges; (b) consequential or other damages incurred by use of any product. Fuelpak offers no other warranty beyond this limited warranty. This limited warranty does not apply to products which have been (a) modified or altered in any way; (b) subjected to adverse conditions, such as misuse, neglect, accident, improper installation

or adjustment, contaminants, corrosion, or faulty repair; or (c) used in applications other than those recommended by Fuelpak. To initiate a warranty process, the consumer must first call technical support to receive a return authorization number. The product must be returned to Fuelpak complete with a dated receipt and a return authorization number.

Fuelpak
 Attn: Warranty Claims
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