

# 2007-2013 SPORTSTER

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

- 10mm Socket
- 7/16" Socket
- 1/4 Ratchet
- 10mm wrench
- #3 Phillips Screw Driver



2007-2013 Sportster  
Fuel Injected Models

INSTALLATION INSTRUCTIONS FOR P/N 61023

**INTRODUCTION:** Congratulations on your purchase of the Fuelpak Fuel Management System for your fuel injected Harley-Davidson Sportster motorcycle. 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.

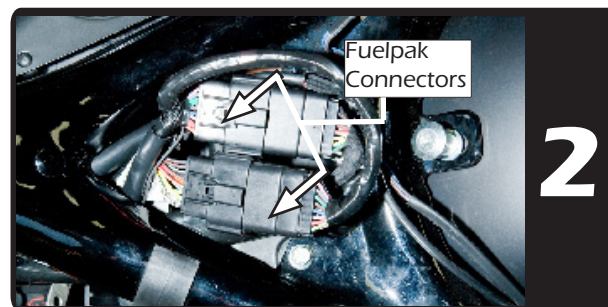
**SUMMARY:** To achieve the optimum performance from your application, it is recommended that you install a high performance air filter in conjunction with this unit. The Fuelpak will plug in-line of the engine sub-harness under the seat. the Fuelpak box will mount on the side of the battery using the supplied velcro.

PLEASE NOTE: FUELPAK RECOMMENDS A HIGH PERFORMANCE AIR FILTER.

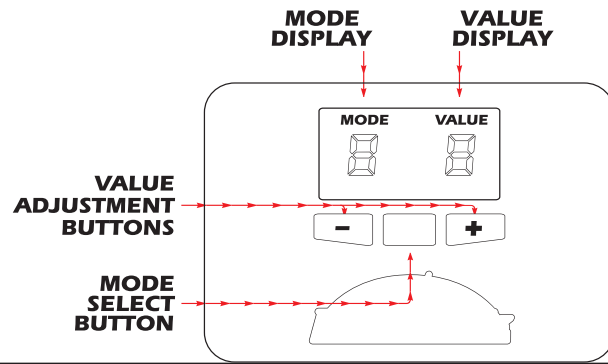
## FUEL INJECTION MANAGEMENT SYSTEM

### INSTALLATION INSTRUCTIONS

1. Make sure main and handlebar switches are in the off position during the installation process. Failure to do this will cause the "check engine" light to be set.
2. Remove seat by first removing screw at the back of seat. Next, push seat forward, lift up and pull back.
3. Open left side cover exposing battery. Side cover can be opened by pulling gently.
4. Remove battery as outlined on instructions inside side cover of motorcycle.
5. Locate and disconnect factory 16-pin connector under the seat. **(Fig 1)**
6. Route FP harness through battery area to the factory 16-pin connector.
7. Connect FP connectors inline with factory 16-pin connector. **(Fig 2)**
8. Arrange connectors as shown.
9. Attach FP Black wire to negative side of the battery.
10. Re-install battery.
11. Use supplied Velcro to attach FP, Main Fuse, & Diagnostic Port to battery strap as shown. **(Fig 3)**
12. You are now ready to set-up your Fuelpak.



## HOW IT WORKS



## ENTERING VALUES

1. Remove Fuelpak snap cover by sliding tabs over the unit.
2. Refer to Fuelpak Map Lookup from [www.fuelpakfi.com](http://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.
3. Turn on main power and start engine. Fuelpak display should activate, if not, turn power off and verify the connectors are fully seated.
4. Press the mode button once to move to mode 1, 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 all 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. Turn off power, wait one second then turn power back on and start engine. Verify all modes then turn power off.
6. Reinstall Fuelpak snap cover, then side cover and seat on the motorcycle.
7. 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 in MODE 52.
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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