

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

- 4MM, 5MM Allen
- #1 Phillips Screw Driver



Yamaha V Star 950
Fuel Injected Models

INSTALLATION INSTRUCTIONS FOR P/N 65013

INTRODUCTION: Congratulations on your purchase of the Fuelpak Fuel Management System for your fuel injected Yamaha V Star 950 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.

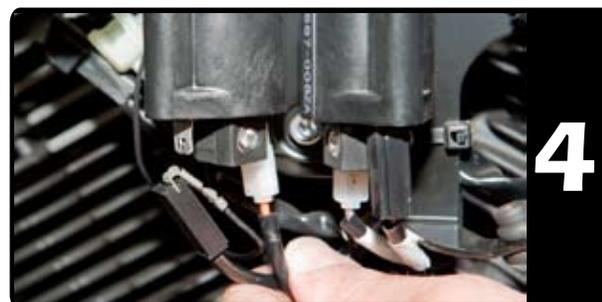
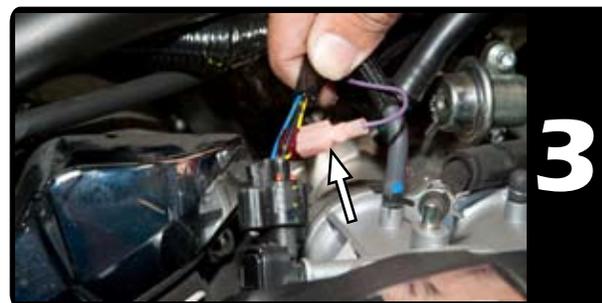
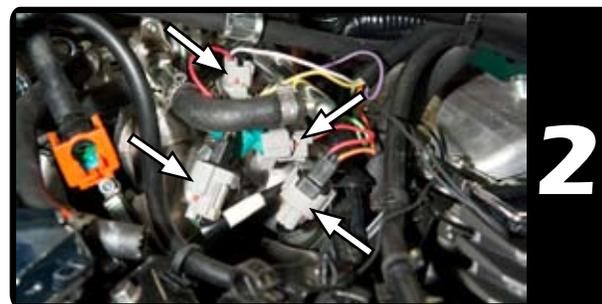
SUMMARY: To achieve the optimum performance from your application, it is recommended that you install a high performance air filter in conjunction with this unit. Fuelpak will be installed in-line with the fuel injectors and taps into signals from both the throttle position sensor and the front coil.

PLEASE NOTE: FUELPAK RECOMMENDS A HIGH PERFORMANCE AIR FILTER.

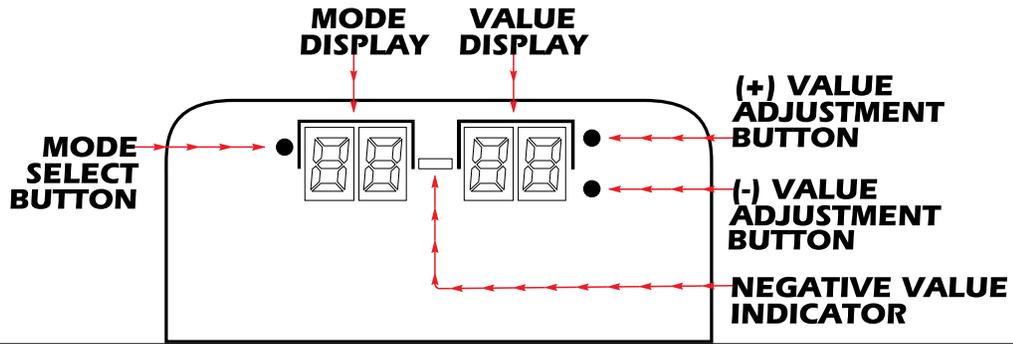
FUEL INJECTION MANAGEMENT SYSTEM

INSTALLATION INSTRUCTIONS

1. Be sure the 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 rider seat, left side cover, and chrome coil cover.
3. Remove fuel tank. (consult factory service manual for proper tank removal).
4. Route Fuelpak harness through left side frame opening towards the front of the bike. **(Fig 1)**
5. Attach ring connector with Green and Black wires to the negative side of the battery.
6. Unplug stock wiring harness from injectors.
7. Plug Fuelpak harness in-line between the stock wiring harness and each injector. **(Fig 2)**
8. Locate the Throttle Position Sensor on the right side of the bike towards the rear of the throttle body.
9. Install supplied T-tap to the middle wire. (Yellow)
10. Attach Fuelpak purple wire to T-tap. **(Fig 3)**
11. Route Fuelpak Black wire towards front coil.
12. Disconnect the black/red wire from the front coil.
13. Install Fuelpak black wire to front coil.
14. Re-install black/red wire to Fuelpak Black wire. **(Fig 4)**
15. Re-install fuel tank, left side cover, and chrome coil cover.
16. You are now ready to set-up your Fuelpak.



HOW IT WORKS



ENTERING VALUES

1. Refer to the Fuelpak setting reference to locate the setting values specific to your motorcycle and exhaust application. If you do not find your setting, visit www.fuelpakfi.com or call tech support at (562)- 921-0071.
2. Turn on main power and handlebar switches, but do not start the engine. Fuelpak display should light up, if not, turn power off and verify all connections are fully seated.
3. 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.
4. As the next procedure, after you have entered in your values for the first 18 modes, press the mode select button to move to mode 19. Fully twist open the throttle and return to idle position to calibrate the Fuelpak to your bike.
5. By pressing the mode select button twice, move to mode 21 and verify that it reads "0" with the throttle closed, "50" at approximately half-throttle and "99" when fully opened; if not, repeat step 4. Do not proceed to step 6 until mode 21 is verified.
6. Enter any other mode values from mode 23 to mode 35 if your application requires them. (They will read "N/A" if your application does not require them.)
7. Turn power off, wait one second then turn power back on. Verify all modes are set correctly and turn power off.
8. Reinstall clear cover and attach Fuelpak using supplied Velcro to the top of the battery. (as shown in Fig 1)
9. Re-install seat.
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
 13861 Rosecrans Avenue
 Santa Fe Springs, CA 90670
 (562) 921-0071