

KAWASAKI VULCAN 2000

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

- #1 Philips
- #2 Philips
- 8, 10 & 12mm socket
- Less than 1 hour



Kawasaki Vulcan 2000
Fuel Injected Models

INSTALLATION INSTRUCTIONS FOR P/N 63009

INTRODUCTION: Congratulations on your purchase of the Fuelpak Fuel Management System for fuel injected Kawasaki Vulcan 2000 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.

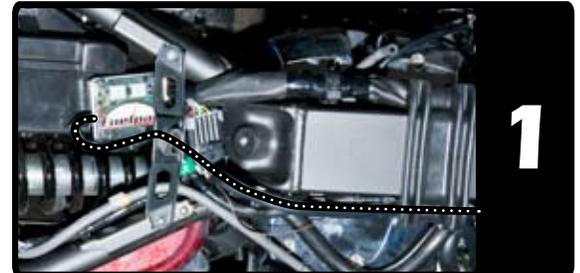
SUMMARY: To achieve the optimum performance from your application, it is recommended that you install a high performance air filter in conjunction with this unit. The Fuelpak will be installed in-line the factory injector wiring harness and the throttle position sensor. The Fuelpak will be tucked under the seat next to the tool tray.

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

FUEL INJECTION MANAGEMENT SYSTEM

INSTALLATION INSTRUCTIONS

1. Remove right and left side covers. Remove rider and passenger seats.
2. Remove left chrome engine cover.
3. Following factory service manual, remove tank.
4. Remove battery cover.
5. Route the fuelpak wires under the front seat mount and up the right side toward the front of bike following the factory harness through guides. (Fig. 1)
6. Unplug the stock connector from the fuel injectors and connect to the Fuelpak black connectors. Attach the grey Fuelpak connectors to the fuel injectors. (Fig. 2)
7. Locate the throttle position sensor connector. Install t-tap connector on the middle (yellow/white) wire. Connect fuelpak violet wire to t-tap. (Fig. 3)
8. Remove black wire from front coil. Route fuelpak brown wire down to the coil and attach to open terminal on front coil. Attach factory black wire to fuelpak brown wire. (Fig. 4)
9. Route fuelpak single black wire forward along frame to left side and down to horn. Remove factory brown/black wire from horn; attach fuelpak black wire to the horn terminal and connect the factory brown/black wire to the fuelpak black wire. (Fig. 5)
10. Attach fuelpak black and green wires to battery negative terminal.
11. Secure loose wires with supplied zip ties. Reinstall battery cover, left engine cover. Reinstall tank.
12. Connect fuelpak to fuelpak harness and mount on top of battery cover, under seat mount, using supplied Velcro.
13. Remove tube from between air cleaner and air solenoid and replace with supplied vinyl caps. (Fig. 6)



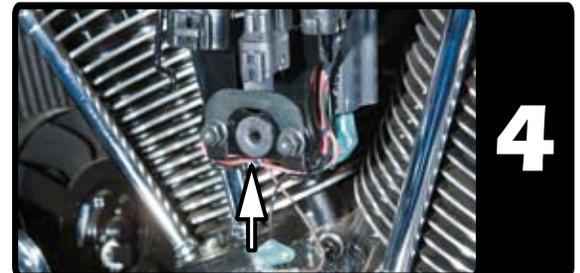
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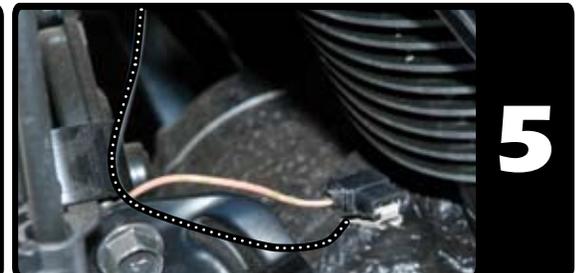
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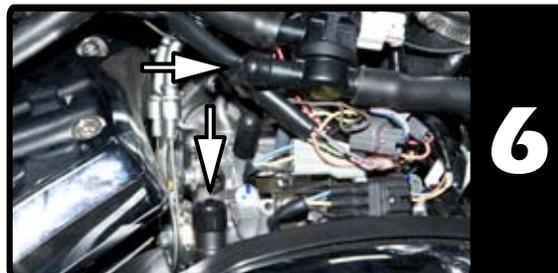
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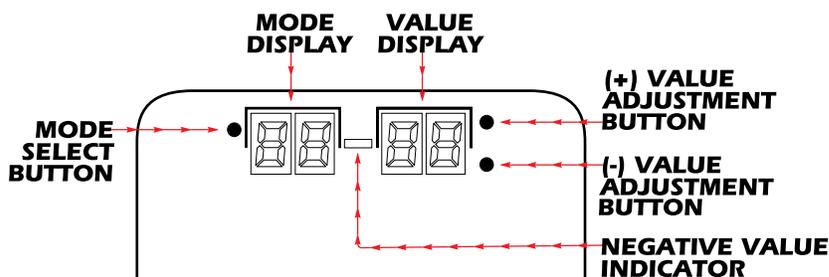


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HOW IT WORKS



ENTERING VALUES

1. Remove Fuelpak clear case cover by removing all four screws, **save hardware**.
2. Turn on **main** power with key, 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 Setting Reference to locate the Setting Values specific to your bike and exhaust system. If you do not find your setting, visit fuelpakfi.com or 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. **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.**
6. 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 5. Do not proceed to step 7 until mode 21 is verified.
7. Enter any other mode values as required for your application.
8. Turn off power.
9. Reinstall clear cover, tuck Fuelpak under seat area and reinstall seat and passenger seat.
10. You are now ready to ride.

IN THE EVENT OF A MALFUNCTION, PLEASE CHECK THE FOLLOWING

TECH SUPPORT

1. Turn off main switch 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