

### READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

#### NOTICE:

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

#### TOOLS NEEDED

- Small slotted screwdriver
- #1 and #2 Phillips screwdriver
- 4mm Allen key
- 10mm socket/t-handle



Yamaha Grizzly 700FI Models

INSTALLATION INSTRUCTIONS FOR P/N 74-803

**INTRODUCTION:** Congratulations on your purchase of the Fuelpak Fuel Management System for fuel injected Yamaha Grizzly 700FI models. Please take the time to read the entire instruction manual before attempting to install. DO NOT adjust Fuelpak until you have thoroughly read the instruction manual and the unit is fully installed. If you have questions, please call Fuelpak technical support at (562) 921-0071.

**SUMMARY:** To achieve the optimum performance from your application, it is recommended that you install a high performance foam air filter in conjunction with this unit. Fuelpak maps are created using a clean and properly oiled foam filter, the use of other types of filters may not achieve optimum fuel mixture. Fuelpak will be installed in-line with the factory injector wiring harness and the throttle position sensor. The unit will be mounted on top of the battery.

## INSTALLATION INSTRUCTIONS



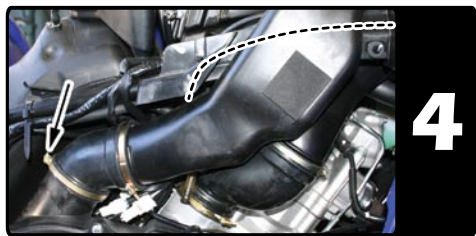
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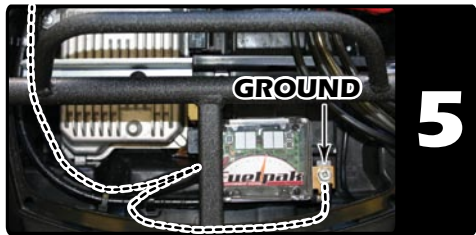
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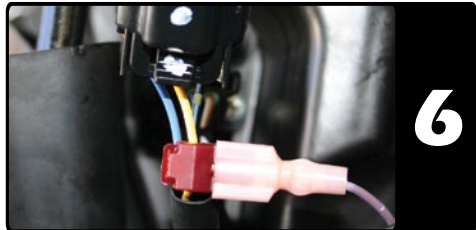
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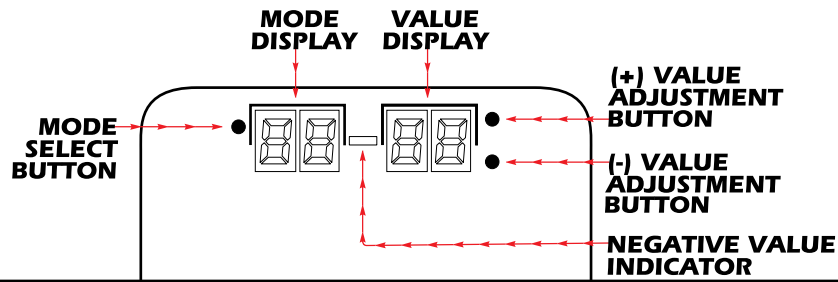
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1. Remove seat.
2. Remove cover in front of gauge pod. (figure 1)
3. Using appropriate screwdriver, remove (3) push pins on right side of tank cover. Repeat for opposite side. (figure 2)
4. Under right front fender, remove (1) 4mm socket head bolt holding shroud to inner fender, remove shroud. Repeat for opposite side. (figure 3)
5. Loosen indicated clamp on outside CVT cooling duct, and remove duct. (figure 4)
6. Clean top of battery with alcohol and allow to dry. Mount Fuelpak to the top of the battery with supplied Velcro and route harness as shown. (figure 5 and figure 4) Zip-tie Fuelpak harness to stock harness along right upper frame rail, and drop down between airbox and frame rail before the throttle body.
7. Remove (1) 10mm bolt on battery negative terminal, attach Fuelpak ground terminal, and reinstall. (figure 5)
8. Disconnect TPS plug and install T-tap to yellow wire as shown. It may be helpful to use a slotted screwdriver to gently disengage the TPS plug lock tab. Plug purple wire into T-tap (use dielectric grease). Reinstall TPS plug. (figure 6)
9. Remove stock gray injector plug and connect to black Fuelpak plug, connect gray Fuelpak plug to injector. Ensure that a "click" is felt or heard and that plugs are securely locked together. (figure 7)
10. Ensure that Fuelpak harness is not pinched, routed against any sharp edges, or touching exhaust.
11. Replace CVT cooling duct, shrouds, and cover removed for access.

## HOW IT WORKS



## ENTERING VALUES

1. Remove Fuelpak clear case cover by removing all four screws, **save hardware**.
2. Refer to Fuelpak Setting Reference to locate the Setting Values specific to your configuration. If you do not find your setting, visit [fuelpakfi.com](http://fuelpakfi.com) or call tech support at (562) 921-0071.
3. With run/kill switch in "run" position, 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.
4. Press thumb throttle to the full throttle position and release before Fuelpak turns off.
5. Start engine. By pressing the mode select button twice, move to mode 21 and verify that it reads between "0" and "10" with the throttle closed and increases gradually as you press on the throttle. If not, turn off engine and go back to step 2. Do not proceed to step 6 until mode 21 is verified.
6. Press mode select button to get to mode 1. 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.
7. Press mode button 5-times to move to mode 23. Enter any other mode values as required for your application.
8. Turn off power.
9. Reinstall Fuelpak clear case cover.
10. Reinstall Grizzly cover that was removed in step one of installation on page 1.
11. 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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