

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

- 8 & 10 mm Socket or T-handle
- Slotted Screwdriver
- Less than 2 hours



Suzuki LTR450
Fuel Injected Models

INSTALLATION INSTRUCTIONS FOR P/N 74-800

INTRODUCTION: Congratulations on your purchase of the Fuelpak Fuel Management System for fuel injected Suzuki LTR 450 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 air filter in conjunction with this unit. Fuelpak will be installed in-line with the factory injector wiring harness and the throttle position sensor. The unit will be mounted under the seat.

INSTALLATION INSTRUCTIONS

(Important Note): Fuelpak maps for the LTR450 were created with a White Brothers Power Pro performance module installed. The included Power Pro unit must be used in conjunction with the Fuelpak for proper function. Failure to do so will result in poor performance and may cause engine damage.

1. Be sure that key is in the off position, then remove seat.
2. Referring to figure 1, remove (4) push pins and (1) 10mm bolt. Repeat for opposite side. Push pins that are accessible from the back can be popped out by pushing on the pin from the back side. Push pins with flanged pin heads can be gently pried up with a slotted screwdriver.
3. Remove fuel cap and tank cover. Reinstall fuel cap.
4. Clean Fuelpak mounting location with alcohol and allow to dry. Referring to figure 2, mount Fuelpak as shown with supplied Velcro. Route harness as shown, between airbox and subframe, and underneath subframe cross brace. Gently pull up and out on subframe side cover and attach harness to subframe with included zip ties. Ensure that harness is not running over black rubber strip behind airbox.
5. Remove TPS plug and install TPS T-tap to yellow wire as shown in figure 3. 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.
6. Route ground wire to the left of the throttle body and in front of the fuel pump. Referring to figure 4, remove (1) 8mm bolt on fuel hose bracket, add Fuelpak ground terminal, and reinstall.
7. Remove stock white injector plug and connect to smaller black Fuelpak plug, connect larger black Fuelpak plug to injector as shown in figure 5. Ensure that a "click" is felt or heard and that plugs are securely locked together.
8. Reinstallation is reverse of removal.
9. Ensure that Fuelpak harness is not pinched, routed against any sharp corners, or touching exhaust.
10. Install White Brothers Power Pro performance module following its included instructions.



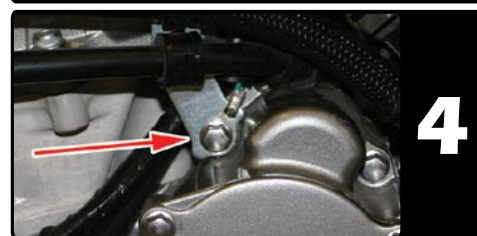
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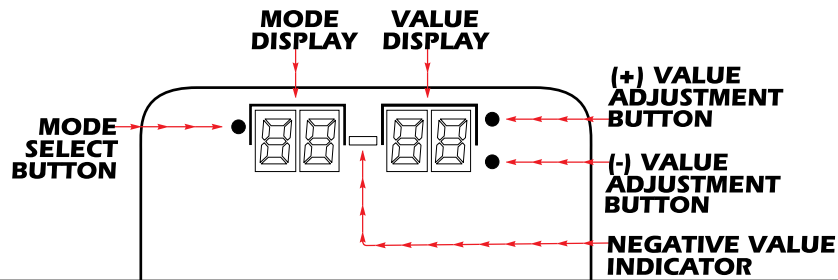


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HOW IT WORKS



ENTERING VALUES

1. Remove Fuelpak clear case cover by removing all four screws, **save hardware**.
2. Refer to Fuelpak Setting Reference to locate the Setting Values specific to your configuration. If you do not find your setting, visit 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 clear case cover and mount as described.
10. Reinstall seat.
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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