Fi2000_®

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		www.fi2000r.com
Items S	Supplied >	Application(s) >
2 – Zip	000R Fuel Injection Module Ties, (2): 3/32" x 6" Icro Strip	Kawasaki Vulcan 2000 04-10
Instruc	ction Manual >	92-1964 Page 1 of 3
	It is recommended that a qualified	pletely before installing your new Fi2000R module. I mechanic or technician install this product. ecommended that the gas tank be low on fuel.
1.	Remove the right side cover, passenger an the left side of the engine by removing one	nd main seats. Remove the triangular chrome cover on Phillips screw, then pull away.
2.	(<i>HINT</i> : pull prong on upper part of each cor wires from the bracket, see Figure 3. Next,	hree electrical connectors in a row, unplug all three nnector outward with thin screwdriver), and free the , remove the bolt (12mm head), at the rear of the fuel leases from the rubber attachments at the front.
3.	left side directly behind the three connecto disconnect has orange tabs which need to	access is gained to the fuel line quick disconnect on the ors that were previously disconnected. The quick be pushed halfway through the connector then the fuel ected. Next, disconnect the vent line(s) at the rear of cycle. Place it safe location.
4.		f the battery box and route the harness forward, the right side of the top frame tube and through the I rubber tank cushion.
5.	The black vacuum hose above the cylinder heads on the right side of the cycle may need to be temporarily disconnected to gain access to the injector connectors. Locate and remove the two gray fuel injector connectors from the injectors by squeezing the locking tab and pulling. <i>PAY ATTENTION</i> to front and rear connector positions. Now, starting with the front injector, install the matching gray female Fi2000R connector, (gray connector furthest from the module) on to the injector until it locks into place, see Figure 2. Repeat this process with the rear injector and other gray female Fi2000R connector. Re-connect the original front and rear gray female Kawasaki connectors into the corresponding black male Fi2000R connectors and position the harness so it does not interfere with other hoses	
6.	bracket and attach the Fi2000R ground wir plastic to the rear of the shock, see Figure	ht-side frame tube directly in front of the seat mount re, see Figure 3. Velcro the Fi2000R module onto the 2. Position the fuel tank back on cycle and reconnect ted. Prior to installing all bolts, seats, and side covers instructions continued to next page!
		ile riding. Please never operate your motorcycle while under ew look of your motorcycle and please ride safely.

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7. Remove the door from the Fi2000R mode (1), turning the ignition on while watching then go off. This is correct. If there are neutral, clutch is in and handlebar engine check that all connectors are fully engage achieving a steady light from all three LE the only LED on. If all three LED's are st correctly attached. Reattach the access	the 3 LED's. They will all light up for a no lights visible, make sure the side st e switch is set to run. If there are still ed and the ground wire is connected c D's, start the motorcycle; the green lig ill on after start up, verify the injector co	a few seconds, and and is up, bike is in no lights visible, re- orrectly. (2), after ht should now be onnectors are
NOTE: Make sure the ignition is	turned off before changing any connect	tion.
ADVANCED TUNING The Fi2000R has the ability to efficiently tune exhaust systems. It comes pre-set from the dyno testing and on-road exhaust gas analys drivability and power. Not all slip-on mufflers to and others don't. Some are made with street exhaust systems offer even greater variation has the ability to tune the EFI system on you logical and systematic approach to altering th suggestions should be followed step by step	factory for popular brand name slip-on is have been used to develop the best flow exactly the same. Some eliminate baffles, other with race or competition in construction, features and performan ir motorcycle to any of these exhausts he base settings supplied with your Fi2	mufflers. Both base settings for power valves baffles. Full ace. The Fi2000R by applying a
** Only attempt adjustn	nents on a fully warmed motor **	
 Start with the base setting, even if you h adjustment pot at a time until you are ha Start with the left hand or green light pot. (varies with bike) to a R.P.M. of about 50 steady throttle or slowly increasing throttle leanness creates issues like choppy on- throttle. 	ppy with the result, see Figure 4. This adjustment works either from idle 00 (also varies with bike) while the bike le. This is the cruise range and is whe	or above idle e is driven at a re the emissions
 Turn this pot back to zero, and make one this range. Do this test a few times to make 		est performance in
 The middle or yellow pot is an engine loa the throttle at any R.P.M. will add additio present, fuel will continue. As engine loa on longer and be more effective. Starting 5th gear and perform moderately fast roll- Increase the pot one position at a time a 	d- triggered fuel adding adjustment. A onal fuel and as long as that predeterm ds increase in higher gears the accele with the base setting, test ride the mo on throttle from a repeating standard F	ined load is ration fuel will stay ptorcycle in 4 th or R.P.M. or speed.
5. The right hand or red pot is for the fuel se		

- 5. The right hand of red pot is for the fuel setting required when the engine is maximizing its R.P.M. and power delivery. This pot is similar to the main jet in a carburetor. It will take a combination of a minimum R.P.M. and a predetermined amount of engine load to initiate this fuel. The straightaway on a racetrack or an inertia dyno are the best places to set this pot. Full exhaust systems of high quality construction increase flow characteristics and will increase fuel demands over our base settings. Also, air filters specifically designed for higher than stock airflow can create need for higher fuel setting. Try an additional one-position pot setting at a time.
- 6. Camshaft changes can alter an engine's volumetric efficiency and create a greater demand on the engine's fuel system than the Fi2000R may have the ability to adjust for.

TROUBLE SHOOTING

If you have any problems refer to: Step 7, in the installation body of these instructions.

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