COBRA

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Items :	Supplied >	Application(s) >	
1 – Fi2	2000R Fuel Injection Module	VN1600 Classic,	2003 - UP
	Ties, (2): 3/32" x 6"	VN1600 Nomad,	2005 - UP
	Icro Strip	VN1500 Nomad,	2000 - 04
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		↓ └────	
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Instru	ction Manual >	92-1963	Fage 1014
	Read all instructions carefully and comp It is recommended that a qualified "Before installing the Fi2000R it is re	mechanic or technician install	this product.
1.	Remove both seats and fuel tank console c securing the fuel tank. To enable raising th on top of the battery behind the fuel tank, th the left side of the fuel tank, (Fig. 1.)	ne fuel tank, disconnect the wire co	onnectors mounted
		anlug the two years because then reis	the rear of the fuel
2.	Raise the rear of the fuel tank enough to ur tank 7 to 8 inches and <i>SECURELY</i> prop it remove it.		
3.	Position the Fi2000R in the left hand storage area and feed the wire harness through the oval nole in the back of this case, (Fig. 1.) Next, feed the harness through the frame opening behind the rear cylinder and follow the bike's wire harness towards the front of the engine.		
4.	Locate the gray factory fuel injector connectors and disconnect each one by depressing the locking tab and replace it with the Fi2000R gray connector. Then plug the original connector into the corresponding Fi2000R black connector. Connect one cylinder at a time to prevent from mixing up the injector harness order. The longer Fi2000R harness is mated to the front injector and connector, (Fig. 2.)		
5.	Zip tie the Fi2000R along the bike's main harness as shown in, (Fig. 3.) Attach the black ground wire from the Fi2000R to the negative post of the battery. Secure the Fi2000R body to the inside of the storage box with the Velcro strip, (Fig. 1.)		
6.	Lower the fuel tank and reconnect the tank NOTE: When lowering fuel tank, pay atten properly behind the air cleaner housing and and remaining body pieces verify connection	tion that the fuel line on the left sid d is not pinched. Before reinstalling	le of the bike locates
7.	Remove the door from the Fi2000R module settings come preset from the factory for th Nomad owners, please adjust the FI2000R proceeding further. Verify the wire connect 3 LED's. They will all light up for a few seco	to the base pot settings shown in tions by, (1), turning on the ignition	600 & VN1500 (Fig. 5 or 6), prior to while watching the
	a recommends you always wear a helmet while nfluence of alcohol and/or drugs. Enjoy the ne		
09/06	IV. VVII REV.A	1 A I	ything's Possible.

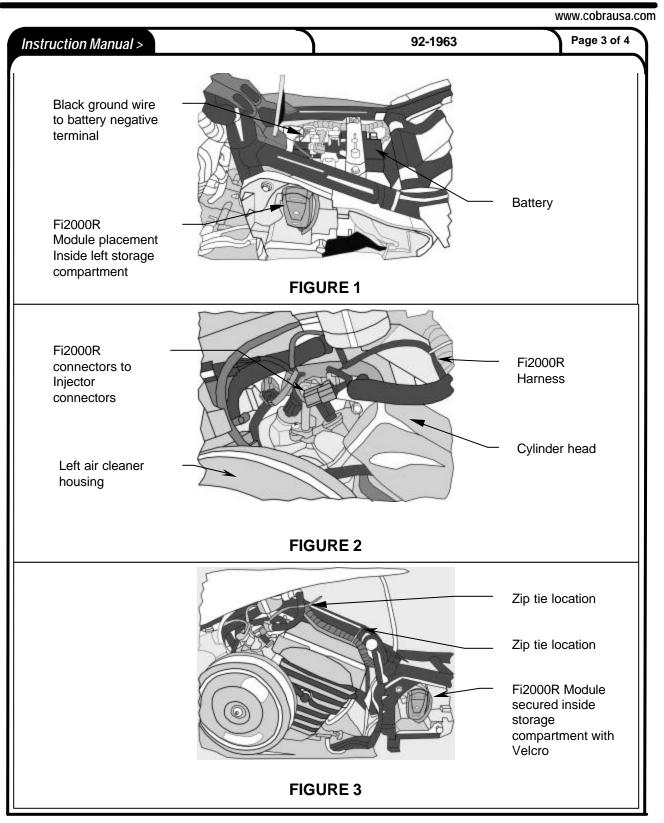
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7. (and handlebar engine switch is set all connectors are fully engaged an achieving a steady light from all thre now be the only LED on. If all three connectors are correctly attached.	sure the side stand is up, bike is in r to run. If there are still no lights visi d the ground wire is connected corre- ee LED's, start the motorcycle; the g LED's are still on after start up, veri Reattach the access door when fini ake sure the ignition is turned off before	ble, re-check that ectly. (2), After green light should fy the injector shed and install
ADV	ANCED TUNING		
exha dync driva and exha has logic	Fi2000R has the ability to efficiently tune the aust systems. It comes pre-set from the face o testing and on-road exhaust gas analysis le ability and power. Not all slip-on mufflers flow others don't. Some are made with street ba aust systems offer even greater variation in of the ability to tune the EFI system on your n cal and systematic approach to altering the gestions should be followed step by step an	ctory for popular brand name slip-on have been used to develop the best w exactly the same. Some eliminate affles, other with race or competition construction, features and performan notorcycle to any of these exhausts base settings supplied with your Fi2	mufflers. Both base settings for power valves baffles. Full ce. The Fi2000R by applying a
	** Only attempt adjustmer	nts on a fully warmed motor **	
ä	Start with the base setting, even if you have adjustment pot at a time until you are happ Start with the left hand or green light pot. Th	e a full exhaust system. Adjust and t y with the result.	·
(: 	(varies with bike) to a R.P.M. of about 5000 steady throttle or slowly increasing throttle. leanness creates issues like choppy on-off throttle.	(also varies with bike) while the bike This is the cruise range and is whe	e is driven at a re the emissions
3	Turn this pot back to zero, and make one p this range. Do this test a few times to make		est performance in
4. 1	The middle or yellow pot is an engine load- the throttle at any R.P.M. will add additiona present, fuel will continue. As engine loads on longer and be more effective. Starting wi 5 th gear and perform moderately fast roll-on Increase the pot one position at a time and	triggered fuel adding adjustment. A la I fuel and as long as that predeterminincrease in higher gears the acceler ith the base setting, test ride the mo- throttle from a repeating standard R	ned load is ration fuel will stay torcycle in 4 th or P.M. or speed.
5.	The right hand or red pot is for the fuel settir and power delivery. This pot is similar to the a minimum R.P.M. and a predetermined am straightaway on a racetrack or an inertia dy systems of high quality construction increas over our base settings. Also, air filters speci- create need for higher fuel setting. Try an ac	ng required when the engine is maxing main jet in a carburetor. It will take nount of engine load to initiate this fur you are the best places to set this pose flow characteristics and will increasifically designed for higher than stood dditional one-position pot setting at a	imizing its R.P.M. a combination of el. The ot. Full exhaust ase fuel demands k airflow can a time.
	Camshaft changes can alter an engine's vol the engine's fuel system than the Fi2000R r		ter demand on

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