



VORTEX PERFORMANCE PTY LTD
HEALESVILLE, VICTORIA
AUSTRALIA

www.vortexcdi.com

BANSHEE YFZ350 97-05 VORTEX X10 CDI INSTALLATION INSTRUCTIONS

Step 1: Undo the 2 bolts on the standard CDI under the rear fender (guard). Unplug the wiring loom from the Standard CDI and remove. **Note:** The plugs have locking tabs on them. Push the tab in on the connector and pull gently to unplug.

Step 2: Remove the Vortex CDI from its package and slide into the Rubber Mounting Boot. **Note:** The Rubber Boot has an internal lip which mates with the step in the CDI box. Lubricate the inside of the rubber boot with water or powder to assist with sliding the CDI box in.

Step 3: Take the metal mounting bracket supplied and slide the tab into the rubber boot slot.

Step 4: Bolt the mounting bracket, Rubber Boot and Vortex CDI to the original CDI mounting holes on the frame so that the wires are facing to the right side of the bike. The X10 Switch (under the rubber cap on the CDI) should be on the rear side of the wires facing to the right. Place the loom retainer (alloy tab with plastic cover) on the front mounting bolt.

Step 5: Route all the wire looms from the VORTEX X10 CDI forward then loop back through the loom retainer now mounted on the front mounting bolt and then to the right and plug into the 6 Way clear and 4 way white connector in the main loom. Run the loom with the 4 way clear connector up the left side frame under the plastics to connect with the handlebar switch.

Step 6: Mount the handlebar "Power-Map1 / Traction Map X10" switch provided on the left side of the handlebar near the grip. This should be within reach of your thumb to switch between settings easily. It may be necessary to move other handlebar switches to achieve this. Run the wires from the HANDLEBAR SWITCH neatly along the bars and under the shroud along the frame and plug into the corresponding 4 Way connector from the VORTEX X10 CDI box.

Step 7: Zip Tie and loose wiring to prevent fouling with the exhaust system. Installation of the Vortex CDI is now **complete!**

X10 Operation : The X10 CDI has 10 Ignition Maps programmed into it. This will allow the selection of up to 10 performance settings. To access these settings put the HANDLEBAR SWITCH in the "MAP X10" position and then using a small screwdriver select 1 – 0 on the rotary switch under the rubber cap on the VORTEX CDI BOX.

Note: HANDLEBAR SWITCH position "MAP 1" will always be Position 1 on the X10 switch and HANDLEBAR SWITCH position "MAP X10" can be any Position 1 through 0 as selected on the X10 switch on the CDI box.

Therefore you can still switch dynamically via the HANDLEBAR SWITCH from "MAP1" (map 1 only) to "MAP X10" (any map from 1 through 0)

INDEMNITY

Note: This is a performance product and is designed for competition use only. The manufacturer or their distributor accepts no responsibility for damage or injury caused by this product. Because we cannot control the application or use of this product, the buyer assumes all risks of any and all damage that may occur to their self, their machinery or third party due to the use of this product. The product is guaranteed against manufacturing defects.



**X10 CDI SETTINGS
BANSHEE
YFZ350 97-05**

Handlebar Switch Position	X10 Switch Position	Curve File Name	Power Type	Rev Limit RPM
X10 Map File Name: yfz3_1t3.saf				
"POWER MAP 1"	1	yfz3x1t1.igc	Performance Map	NA
"TRACTION MAP X10"	2	yfz3x1tr1.igc	Traction	NA
"TRACTION MAP X10"	3	yfz3x1tr2.igc	Traction	NA
"TRACTION MAP X10"	4	yfz3x1t4.igc	Bottom End Map	NA
"TRACTION MAP X10"	5	yfz3x1t5.igc	Performance Map	NA
"TRACTION MAP X10"	6	yfz3x1t6.igc	Performance Map	NA
"TRACTION MAP X10"	7	yfz3x1t7.igc	Performance Map	NA
"TRACTION MAP X10"	8	yfz3x1t8.igc	Performance Map	NA
"TRACTION MAP X10"	9	yfz3x1t9.igc	Performance Map	NA
"TRACTION MAP X10"	0	yfz3x1t0.igc	Standard Map	NA
			Reverse Rev Limit	NA
			Standard Rev Limit	NA
	DATE: 10/09/2003			