



VORTEX PERFORMANCE PTY.LTD
CROYDON SOUTH, VICTORIA
AUSTRALIA

YFZ450 03-08 ATV VORTEX X10 CDI INSTALLATION INSTRUCTIONS

Thankyou for purchasing the Vortex CDI. We hope you will enjoy the benefits of our product.

Step 1: Remove the Bikes front plastic shroud.

Step 2: Remove the standard CDI and rubber holder from the mounting tab on the front of the frame. Unplug the two black plugs from the CDI.

Note: Press the connector locking tab in before trying to pull the connectors off.

Step 3: 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.

Step 4: Plug in the 2 Black connectors on the coming from the Vortex CDI into the connectors previously removed from the OEM CDI.

Step 5: Slide the VORTEX CDI together with the Rubber Boot onto the mounting tab on the bikes frame.

Step 6: Mount the Handlebar 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 4 wire loom from the Vortex CDI under the plastic shrouds and plug into the Handlebar Switch. Zip tie the loom along the handlebar.

Step 7: Replace the Bikes front plastic shroud. Installation of the Vortex CDI is now **complete!**

NOTE: We have provided an additional kill switch connection (labelled "**Extra Kill Switch**"). This connection will stop the engines ignition when the 2 wires (BLACK / WHITE and BLACK) are connected together. Included with this additional wiring are the mating halves of the male and female bullet connectors and their respective insulating sleeves. We suggest you use a qualified auto electrician using the correct tools to fit this connection.

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
YFZ450 03-08
ATV

X10 Map File Name: yfz4x6t2.saf

Handlebar Switch Position	X10 Switch Position	100% Curve File	Description	SUGGESTED APPLICATION - GUIDE	Rev Limit RPM
"MAP 1"	1	yfz46t6.igc	Best Overall Power & Torque	LOAM, SAND	11,500
"MAP X10"	2	yfz46tr2.igc	Traction Map 1	MUD => HARDDPACK	11,500
"MAP X10"	3	yfz4tr3.igc	Traction Map 2	MUD => HARDDPACK	11,700
"MAP X10"	4	yfz454v4.igc	Smooth Torque & Power	LOAM => MODERATE	11,700
"MAP X10"	5	yfz454v7.igc	Power Map (For Hi Comp Piston & Std Cam)	SAND - HI LOAD	11,700
"MAP X10"	6	yfz4c100.igc	Vortex Best Power YZF450 03-04 (YZF Cam)	LOAM, SAND	11,700
"MAP X10"	7	yfz4v5t1.igc	Vortex Best Power YZF450 05 (YZF Cam)	LOAM, SAND	11,700
"MAP X10"	8	yfz4y399.igc	YZF450 03-04 STD Map+Rev Limit (YZF Cam)	LOAM, SAND	11,700
"MAP X10"	9	yfz4y599.igc	YZF450 05 STD Map+Rev Limit (YZF Cam)	LOAM, SAND	11,500
"MAP X10"	0	yfz46s99.igc	Standard YFZ450 06 Map + Rev Limit	STANDARD	11,500
				Standard Rev Limit	10,800

NOTES: JETTING MAY HAVE TO BE ADJUSTED DEPENDING ON MAPS AND OTHER ENGINE MODIFICATIONS
ENGINE REV LIMITS HAVE BEEN INCREASED - THIS EXTENDS POWER OUTPUT BUT MAY REDUCE ENGINE LIFE
SUGGESTED APPLICATION IS A GUIDE ONLY!

AS TESTED:
MAIN JET: 170
PIPE: PERFORMANCE SILENCER
AIRBOX: OPEN

REVISION RECORD	DATE	CHANGE
1/	13/12/05	First Release