



VORTEX PERFORMANCE PTY LTD
HEALESVILLE, VICTORIA
AUSTRALIA

TRX250R 88-89 ATV VORTEX X10 CDI INSTALLATION INSTRUCTIONS

Step 1: Remove the Bikes front plastic shroud and locate the black CDI box.

Step 2: Remove the standard CDI and rubber holder from its frame mount. Unplug the two plugs from the CDI. **Note: Pull the connector locking tab out before trying to pull on the connectors.**

Step 3: Remove the Vortex CDI from its package and slide into the Rubber Mounting Boot provided. **Note: The Rubber Boot has an internal lip which mates with the step in the CDI box.**

Step 4: Plug in the 2 connectors from the main wiring loom into the Vortex CDI. Mount the Vortex CDI by sliding the slot in the rubber mounting boot over the tab on the frame. The connector on the CDI should be facing downwards.

Step 5: Mount the Handlebar Switch provided on the left or right 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 6: Replace the Bikes front plastic shroud.

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
TRX250R 88-89

Handlebar Switch Position	X10 Switch Position	Switch Map Name	Power Type
"MAP 1"	1	tx25X9t1.igc	Best Overall Power
"MAP X10"	2	tx25X9t2.igc	Traction 1
"MAP X10"	3	tx25X9t3.igc	Traction 2
"MAP X10"	4	tx25X9t4.igc	Traction 3
"MAP X10"	5	tx25X9t5.igc	Linear Power 1
"MAP X10"	6	tx25X9t6.igc	Linear Power 2
"MAP X10"	7	tx25X9t7.igc	Power 2
"MAP X10"	8	tx25X9t8.igc	Power 3
"MAP X10"	9	tx25X9t9.igc	Power 4
"MAP X10"	0	tx250_89.igc	TRX250R Standard Map
DATE: 27/05/05			
NOTE: STATOR MUST BE IN THE STANDARD TIMING POSITION.			
NOTE: JETTING MAY NEED TO BE ADJUSTED TO SUIT DIFFERENT SETTINGS FOR MAXIMUM POWER			