

Dinli ATV Ignition System Tests

**To Override the safety brake switch and the tether cord unplug the two wires connected to them and plug them into each other. If there is a No Spark condition is still present perform the following test.

STATOR

Pulsar Pickup coil	BLK-WH/RD	500 OHMS	<u>± 20%</u>
Charge Coil	BLK-BLK/RD	800 OHMS	<u>± 20%</u>
Light coil	BLK-Y/R	.5 OHMS	<u>± 20%</u>
Light coil	BLK-WH	.6 OHMS	<u>± 20%</u>

** Test all wires on flat plug to ground.

** Unplug BLK/R Wire and should have 95 Volts AC while cranking.

IGNITION SWITCH

ON POSITION Green to Black wire has continuity.

ON POSITION Red to Brown wire has continuity.

LEFT SWITCH ASS.

Red On Off Switch- On position Black to Blk/Wt has continuity.

Starter Button-Blu/Wt to Grn/Brwn has continuity when button is depressed.

CDI OUTPUT

** Disconnect Orange and Black wire connections.

Test Orange wire output should have 65 volts AC

Test Black wire output should have 35 volts AC

** Ground Black wire and retest Orange wire.

Orange Wire should have voltage now of 30-45 Volts AC

The BLK/WT wire should be a ground via the tether switch.

On models with the remote shut off the BLK/WT wire is a ground via the remote receiver box and tether switch

REMOTE SHUT OFF SYSTEM

The remote Receiver unit has four wires connected to it.
The unit controls the ground to the BLK/WT wire of the CDI unit.

Red wire should have 12 volts constant.
The ON/OFF switch provides 2 wires which are grounds.

BOX Connector	1	O	O ₂
		Red	Green
	3	O	O ₄
		Black	Green

Harness Connector	2	O	O ₁
		Blk/Wt	Red
	4	O	O ₃
		Blk/Wt	Blk/Wt

To bypass system connect the three Black and White wires of the Harness.