PEGASUS DC-CDI INSTRUCTION

This product is based on the magnet in the prop hub, and the hall sensor in the crankcase, to transmit a signal to the microprocessor of CDI Ignition. The microprocessor offers the firing time accurately, according to the different needs of every engine in the actual angle of different rpm. Our CDI Ignition performance is stable and vibration is small. The engines speed up quickly, with strong power and constant linear velocity when using our CDI Ignitions. This CDI Ignition is very suitable for gas engines of model aircrafts.

Major Technical Data
Input Voltage: 4.8V-6V  Output Size: 61x40x27mm
Output Voltage: 3KV  Net Weight: 102g
Static electric current: 6V 50MA  Work Temperature: -30degree - 60degree
Work electric current: 6V 6000r/min 500MA (+-5%)

Install and use instruction:
1. Power line Red+, black-
2. Sensor input line Red+, black-, Signal line: White
3. DC-CDI install in body of aircraft
4. High voltage line
5. Cavity cap: connect spark plug
6. Spark plug

1. Magnet: Install in the prop hub of engine.  2. Hall sensor
3. Sensor output line: Red+ Black-, White Signal, connect CDI
Attention:
Magnet has N, S pole, and hall sensor is the component with single pole. During test please take out the cavity cap from the spark plug. And connect the electric line into power supply, sensor input line connect sensor output line. Move the hall sensor component from left to right, such as when cavity cap without spark, move the hall sensor component to negative direction and adjust it to left or right. When there is spark in cavity cap, then you can install it.

Electric current MAX100

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<th>Rotate Speed r/m in X1000</th>
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Time MinuteX10

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Battery Capacity 200MAH

TDC

25°-30°
14mm spark plug cap assembly method

1. Install high-voltage lines and shielding to (1) and (2).
2. To install (3) to the center position of the high-voltage lines.
3. Install spring (3) into the inside of silicone cap (4).
4. Install silicone cap (4) into spark plug cap (5) and use clamp ring lock (6) spark plug cap.
5. Use the pliers lock clamp ring (6).
6. Push the (2) aluminium pipe to (5) spark plug cap and use the pliers clamp it.
7. The use of tools (such as hair drier) heating heat-shrinkable tubing to 200-300 degrees (1).

![Diagram of components]

- Silicone cap (4)
- Spring (3)
- Aluminium pipe (2)
- Heat-shrinkable tubing (1)
- Clamp ring (6)
- Spark plug cap (5)