



## Dynatek Coil Kit DCK 1-6

### Honda Ruckus 50cc Scooter 2005+

Congratulations on your purchase of a Dynatek Ignition Coil Kit. Please take a moment to read these instructions completely before installing the ignition coil. The installation will take about 1 hour.

This kit includes: (1) Dynatek Ignition 0.5ohm Mini-Coil, single output  
(1) 90° Spark plug wire, 15"  
(2) Cable ties 8"  
(2) M6 x 45 long bolts  
(2) M6 locking nuts  
(2) Mounting Spacers  
(4) Flat washers

This is a complete kit, and includes everything needed to install the ignition coils.

**Note:** The stock sparkplug boot will be reused in this application.

**Note:** Route all wires carefully. Secure wires in factory loops or use cable ties to ensure electrical wires do not chafe or touch anything hot. Pay close attention to the wiring detail and wire crimping, successful installation depends on this.

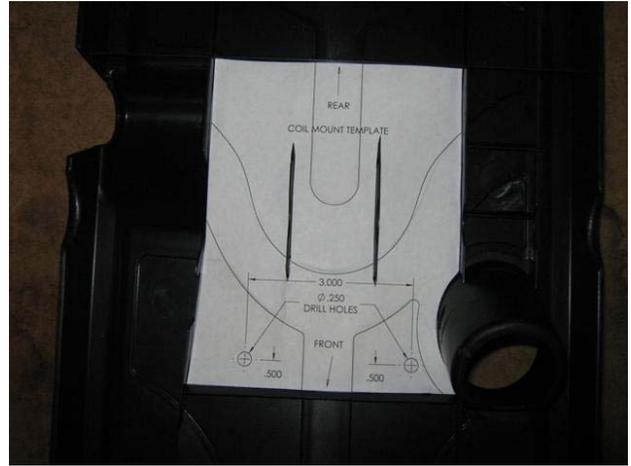
Tools Required:           Metric socket/ wrench set  
                                  Screw driver set  
                                  Drill, Center punch, and .25" drill bit (1/4")

#### Installation

- 1) Remove seat with frame work, panel covering battery (below handle bars), and plastic floor (engine cover).
- 2) The coil is located on engine, near spark plug.
- 3) Disconnect the two primary wires from the coil. (Black/Yellow wire & Green wire) Change wire routing so coil wires reach back to coolant tank. Unplug the spark plug cap. Remove the mounting screw and the coil. Hold the stock sparkplug wire near the cap and unscrew the cap counterclockwise. This cap will be used with the Dyna coil.
- 4) The Dyna coil will be fastened, under the plastic floor, near the large coolant hole. This requires drilling two 1/4" holes. Find the plastic rib that is near coolant hole. Use drill template. Mark the hole centers 0.5" from rib, and 3.0" apart. Then drill thru using .25" bit. (see pictures, Step 4) (Use drill template)
- 5) Mount Dyna coil, so that spark plug tower points away from coolant hole. The aluminum spacers go between the coil and the plastic floor. Fasten using long M6 bolts with flat washers under the heads and flat washers under the locknuts. Tighten all bolts securely so Dyna coil is not loose (see pictures, Step 5)
- 6) Attach primary wires to the Dyna coil. Bend one coil tab slightly, so that both wire terminals plug on. Green wire to tab without a dot. Black/Yellow wire goes to tab with a RED dot. (see pictures, Step 5, 6)
- 7) Use cable ties to fasten primary wires together with harness near right side of frame. Keep wires away from moving part. (Carburetor and throttle cable pivots)
- 8) The Dyna spark plug wire length is sufficient. Trim length, only if required. Attach the original spark plug cap to the Dyna wire. Screw factory cap clockwise onto new wire until bottomed. Then press cap onto spark plug. Route wire along left frame near carburetor. Attach rubber end with 90° boot to the Dyna coil. (see pictures, Step 8)
- 9) Check that all wires are routed and held securely with cable ties.
- 10) Replace engine covers, and seat.
- 11) Start the engine. Installation is complete!



Step 3, 8: Attach spark plug cap to wire.



Step 4: Drill 2 holes, 1/4 inch (Use template)



Step 5: Place coil spacers.



Step 5: Mount Dyna coil.



Step 6: Attach coil primary wires



Step 8: Attach spark plug wire

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