

# Dynatek Coil Kit DCK3-1

2006+ Suzuki LT-R450

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 only take about 30 minutes.

This kit includes: Dynatek Ignition 0.5ohm Mini-Coil  
Spark plug wire, terminal and boot  
Electrical plug-in wiring adaptor  
Coil mounting "Z" bracket, bolt, lock nuts & washers

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

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

**Note:** The fuel tank will have to be removed to gain access to the sparkplug boot.

**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:           10mm, 12mm, and 14mm socket wrench  
                                  10mm combination wrench  
                                  5mm Allen wrench

## Installation

- 1) Turn ignition key off.
- 2) Remove the gas tank, to gain access to the sparkplug boot. Remove sparkplug boot from the sparkplug.
- 3) Disconnect the stock coil primary wires at the 2-position blue connector.
- 4) Remove the two 12mm coil bracket-to-frame mounting bolts.
- 5) Remove the 14mm coil bracket-to-engine mounting bolt. Be careful not to drop the washer behind this bracket.
- 6) Remove the stock ignition coil and bracket from the ATV. Remove the coil from the bracket by removing the two 10mm nuts from the two 5mm Allen bolts.
- 7) Remove the stock spark plug boot from the sparkplug wire. Hold the sparkplug wire near the boot and unscrew the boot counterclockwise.
- 8) Set aside: Stock coil and wire(minus the rubber cap), the Allen bolts, spacers and nuts.
- 9) Mount the supplied "Z" bracket to the Dynatek ignition coil. Bolt the original black coil bracket to the coil assembly, using the supplied 55mm bolt, spacer, washers and lock nut. See picture:



- 10) Connect the Black ground adaptor wire to the ignition coil terminal with the RED DOT, and connect the White adaptor

- wire to the unmarked ignition coil terminal.
- 11) Plug the sparkplug wire boot onto the coil output tower, push the rubber boot onto the coil tower to eliminate any gap as this is a potential source of high-voltage arcing.
  - 12) Install the Coil to the stock location, adjust Dyna coil for any clearance issues.
  - 13) Route the sparkplug wire in the stock location, if the sparkplug wire is too long, then cut it to the proper length.
  - 14) Press in and screw the stock sparkplug boot onto the Dynatek supplied sparkplug wire. Screw it in clockwise until it is bottomed out.
  - 15) Check the wiring, make sure connections are tight and secure.
  - 16) Tighten all coil mounting bolts, install gas tank in the reverse order.
  - 17) Start the engine. Installation is complete!

