



2008 Polaris Ranger RZR 800 EFI Dynatek Coil Kit DCK9-2

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

This kit includes: (1) Dynatek Ignition 0.5ohm Mini-Coil, dual output (2) ¼-20 x 1-3/4 bolts
(1) 48" Spark plug wire (1) ¼-20 x 3/4 bolt
(1) Mounting brackets (1) Lock washer
(1) Stub harness (3) Flat washers
(2) Coil spacers (2) ¼-20 lock nuts

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

Note: The stock sparkplug boots 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: socket wrenches, wire cutter/stripper, wire crimper

Installation

- 1) Turn ignition key off. Disconnect the battery ground wire. Remove seats and engine covers behind seats. Bed removal is not necessary, but it makes access to spark plugs easier.
- 2) Disconnect spark plug cap, unplug harness connector wire, and remove coil mounting bolt.
- 3) Remove stock coil from bike.
- 4) Put long bolts thru Dyna bracket from the back side. Put ½" spacers over bolts. Then fasten bracket to vehicle using short bolt with flat and lock washer. (see picture)
- 5) Mount Dyna coil on bracket as shown. (see picture) Place coil on spacers, then flat washers. Hold bolt head with closed end wrench and tighten locknuts with socket.
- 6) Plug stub harness into three wire connector of main harness.
- 7) Red wire connects coil terminal (with red dot).
- 8) Yellow wire connects coil terminal (without red dot).
- 9) Cut the 48" spark plug wire in half.
- 10) Hold the stock sparkplug wire near the cap and unscrew the cap counterclockwise. Remove the protective sleeve from original wire. Put protective sleeve over Dyna wire. Trim wire and sleeve length as required. Press in and screw the stock sparkplug cap onto the 24" Dynatek sparkplug wire. Screw in clockwise until it is bottomed out. Use grease or wire lube when screwing on cap. Press cap onto spark plug. Plug the sparkplug wire boot onto the coil output. Push the rubber boot onto the coil tower to eliminate any gap, as this is a potential source of high-voltage arcing. Do the same for second wire.
- 11) Tighten all bolts securely so Dyna coil and bracket is not loose.
- 12) Check that all wires are routed securely, and away from exhaust.
- 13) Connect the battery. Replace engine covers, and seats.
- 14) Turn ignition key on. Start the engine. Installation is complete!



1. Cut new wire at 24" inches.



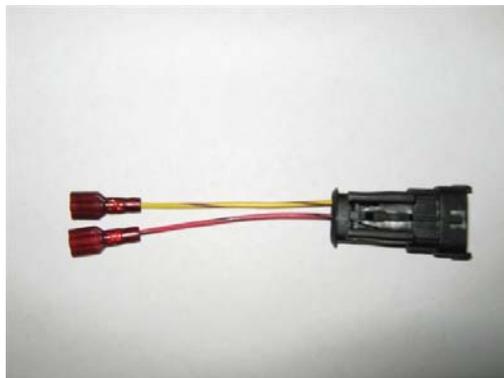
2. New wire sleeved.



3. Grease wire and spark plug cap.



4. Mount coil bracket.



5. Attach stub harness to coil and main harness.



6. Install Dyna coil.
Attach spark plug wires.