

2005+ HONDA RUCKUS DIGITAL IGNITION DYNATEK DFS1-19

Congratulations on your purchase of a Dynatek ignition. Please take a moment to read these instructions completely before installing the ignition. The installation will only take about an hour, but proper setup for your specific vehicle may take longer. The DynaFS ignition was designed to work best with the Dynatek coil (or stock coil) with the stock coil wire, plug cap, and spark plug. Use the stock resistor style spark plug cap and resistor spark plug.

Installation

This kit includes: Dynatek DFS1-19 Ignition, mounting hardware and instruction sheet. This is a complete kit, and includes everything needed to install the ignition. Route all wires carefully. Secure wires using the factory wire clamps to ensure electrical wires do not touch anything sharp or hot.

1. Turn the ignition key off (remove the key). Start by removing the seat, floor foot rest deck, and rear steering stem post plastic covers to access the stock electrical system. Picture4 shows all the equipment removed for easy access.
2. In the order of the pictures, install 1) Ground, 2) Pickup using T-tap, 3) Male Bullet Orange Output to factory female Black/Yellow coil connection, 4) Route Harness, 5) Power connection using T-tap. Route the harness carefully using the stock wire clamps to secure the harness.
3. Cutout the ignition mounting template and use this to locate and drill the two holes for mounting the ignition.
4. Bolt the ignition to the bottom of the rear deck lid using the supplied bolts, washers and nuts.
5. Test the ignition by turning the key on, start the engine, and test the run/stop switch.
6. Installation is complete! Double-check your wiring and secure all loose wires.

Ignition Curve and Rev-Limit:

The stock rev-limit is set at 8500rpm. The DFS is increased +1000rpm for a final rev-limit of 9,500rpm. Use caution, the vehicle top speed is increased! The ignition curve is a performance curve, with +4° additional advance over stock.

Troubleshooting

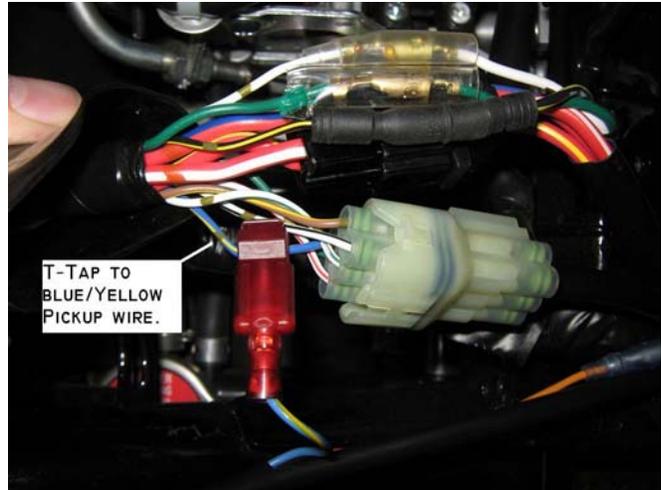
The Dynatek Ignition is simple to troubleshoot. If the engine will not start, check all electrical connections. Pay close attention to the T-tap splice connectors for pickup and power. The DFS black/white wire should have +12V with ignition key on an Run Switch on. If the ignition is suspect, remove the orange coil wire and reconnect the factory Black/Yellow coil wires together. If the engine runs after changing the coil output to stock configuration, then the ignition should be returned to Dynatek for further testing.



Final Ignition Mounting is under the rear deck.

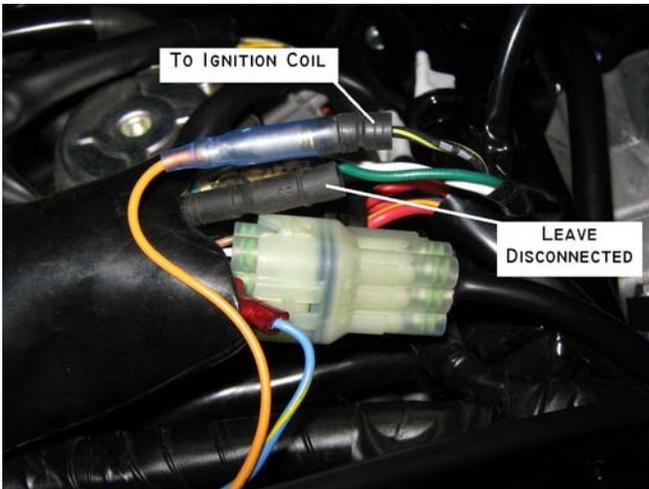


1) Ground Connection – note: not final ignition mounting



T-TAP TO
BLUE/YELLOW
PICKUP WIRE.

2) Pickup connection



TO IGNITION COIL

LEAVE
DISCONNECTED

3) Ignition output connection



ROUTE IGNITION
HARNES UNDER
FUEL TANK.

4) Routing ignition harness



FIND BLACK/WHITE
POWER WIRE HERE.

STOCK ECM
LOCATED ON
STEERING STEM

5) Power connection at stock ECM module



6) Use template to drill the two ignition mounting holes