



## INSTALLATION INSTRUCTIONS for DUAL FIRE IGNITION COILS Part Numbers 8-3002 and 8-3006

### INTRODUCTION

Crane Cams Dual Fire Ignition Coils part numbers 8-3002 and 8-3006 are intended for Harley-Davidson® applications with original equipment electronic ignition or aftermarket ignitions such as the Crane HI-4 series that require a 3 ohm resistance coil. The coil windings are computer designed to give increased energy, longer spark duration and higher current at the spark plug.

**WARNING:** Do not perform any work or disconnect any part of the ignition system without first disconnecting the battery ground cable. Do not come into contact with the coil primary wires or the secondary plug wires while the engine is running. Do not connect a timing light or other test equipment to any coil terminal while the engine is running. Never crank the engine with any coil high voltage terminal disconnected.

### INSTALLATION

1. Disconnect the battery ground cable.

2. Disconnect the primary wires and remove the original equipment coil from the mounting bracket. Be careful that you note the position of all the wiring and the routing of the spark plug leads. Install the Crane Cams coil in the the original equipment mounting bracket. Tighten the mounting bolts securely making sure there is no contact between the coil terminal and the frame, fuel tank, engine assembly etc. Be sure there is enough clearance especially when the bike is running.
3. Reinstall the primary wires in the same location as the original coil.
4. Reconnect the battery ground cable.

### SPARK PLUG AND WIRE CONSIDERATIONS

Crane FireWire spiral core spark plug wires or equivalent suppression wires are recommended for best performance. Do not use non-suppression solid core spark plug wires; they may cause interference with your ignition system and accessories. Use resistor (suppression type) spark plugs. Non-resistor spark plugs may cause interference with the computer in the ignition system.



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