



Installation and Troubleshooting Guide

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CDI P/Ns: 116-2379K 3

NOTE: This unit will replace the following P/N's: F12379, F712475, FK12369 and FK12379.

BIM Coil Kit Installation Guide (5 & 7.5 HP 2 Cylinder Engine)

1. Remove rope start housing, flywheel and old BIM modules.
2. Install the coil/trigger/CD assembly on the stator frame according to the picture below. Firmly press the coil/trigger assembly onto the frame and bend the top lamination up and the bottom lamination down, wedging the coil/trigger assembly in place.
3. Connect the black lead from the coil/trigger/CD assembly to the ground bolt with the brown wire on the stator plate. Be careful not to leave the wires where they will rub against the flywheel.
4. Connect the Black/yellow wire to the kill terminal with the brown wire (Using the plastic washers and plastic screw).
5. Route the Green wire from coil/trigger/CD assemblies through the holes in the stator plate.
6. Install the flywheel according to the service manual.
7. Install the rope start housing.
8. Remove the two bolts holding the motor lifting tab from the cylinder head.
9. Using the original bolts, mount the adapter plate to the cylinder head with the open arms facing up.
10. Route the ¼-20 bolts through the adapter plate from the front side (the side toward the carburetor).
11. Slide a spacer on each bolt and mount the new ignition coil as shown below.
12. Connect the jumper wire (with the Blue boot) included with the kit to the small coil tower.
13. Connect the wire from the coil/trigger assembly to the jumper wire (with the Blue boot).
14. Connect the left high-tension lead to the spark plug and the large coil tower (use the smaller boot to connect to the ignition coil).



Troubleshooting

No Fire on any cylinder:

1. Check the DVA voltage on the Green/White wire at cranking. You should have a minimum of 170 volts. If the voltage is correct, the ignition coil or spark plug may be defective.
2. Disconnect the kill switch and retest, if you now have spark, replace the kill switch.
3. Check the Black/Yellow wires for a short to engine ground.

Thank you for using CDI Electronics.

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