



# Installation and Troubleshooting Guide

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## CDI P/N: 183-2508

Note - This unit replaces P/N's: 582508

**WARNING!** This product is designed to be installed by a professional marine mechanic. CDI Electronics cannot be held liable for injury or damage resulting from improper installation, abuse, neglect or misuse of this product. Dropping the ignition coil on a hard surface will likely cause severe internal damage that is not visible to the eye.

### INSTALLATION

1. Remove the cover from the Power Pack.
2. Disconnect the plug wire coming from the defective coil going to the spark plug.
3. Disconnect the Orange wire coming from the Power Pack to the defective coil.
4. Remove the old ignition coil and save the mounting bolts.
5. Mount the new ignition coil using the original mounting bolts and torque to between 48 and 96 in lbs. **CAUTION: OVER TIGHTENING THE MOUNTING BOLTS WILL CAUSE SEVERE INTERNAL DAMAGE THAT IS NOT VISIBLE TO THE EYE.**
6. Connect the Orange coming from the Power Pack to the new ignition coil.
7. Install the spark plug wire on the large coil terminal and the spark plug. You may have to trim approximately 1/8" off of the Red boot end going on the coil terminal.

### TROUBLESHOOTING

#### No Fire on One Cylinder

Swap the Orange coil wire of the cylinder not firing with one that does on the pack and see if the fire moves from one coil to the other one. If it does, the pack or trigger is likely bad. If the fire moves, swap the trigger wire for the non-firing cylinder with another one. If this moves the fire again, the trigger is likely bad. If the fire stays on the same cylinder, the power pack is likely bad. If the fire does not move, the ignition coil may be defective.