



# Installation and Troubleshooting Guide

All rights reserved. Reproduction or use of content, in any manner, without express written permission by CDI Electronics, Inc., is prohibited.



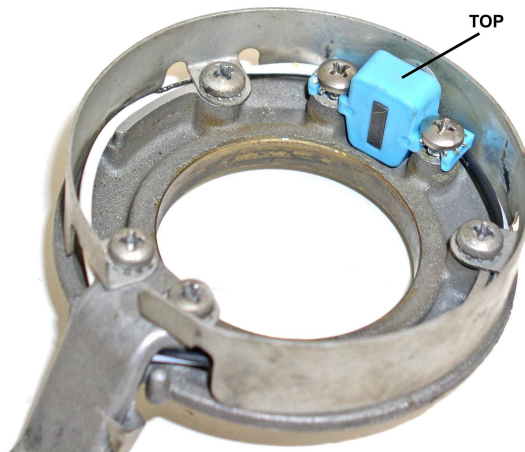
## CDI P/N's: 133-0875K1

The 133-0875K1 kit consists of the following items:

QTY	Part
1	Replacement sensor
1	Sensor gap tool
2	Mounting screws

### Installation

1. Remove the flywheel per the service manual.
2. Disconnect and remove the OEM timer base.
3. Remove the outer sensor ring and the old sensor from the timer base.
4. Install the new sensor in the original mounting holes using the original screws, observing the 'TOP' position.



5. Set the sensor gap using the enclosed gap tool. (This gives approximately an .020" air gap from the sensor to the flywheel's triggering magnet.
6. Route the wires through the timer base and install the outer ring to the timer base.
7. Verify that no wires were pinched during the assembly.
8. Install the timer base on the engine. Make sure the clips are securing it in place and the timer base is mounted correctly. The timer base should move freely.
9. Install the 553-9702 gap tool on the crankshaft and seat it lightly.
10. Set the sensor in place and screw it down, allowing it to move.
11. Slide the sensor toward the gauge until it touches the gauge.
12. Hold the sensor against the 553-9702 gap tool and tighten the screws holding the sensor down.
13. Carefully remove the 553-9702 gap tool.
14. Connect the sensor leads to the power pack.
15. Replace the flywheel according to the service manual.
16. Set the ignition timing according to the service manual.

### Troubleshooting

1. Check the resistance between the two sensor wires, you should read between 16 and 19 ohms.
2. Check DVA output, you should read over 1 volt between the two wires while the wires are connected to the power pack.
3. Check DVA readings from each sensor wire to engine ground while the wires are connected to the power pack. The sensor readings should be close to what is read on the stator.