



## High Performance Coil Installation Instructions

\* Legal in all 50 states and Canada,  
CARB E.O. #D-57-10

**!** Caution: Flame-Thrower II 0.6 ohm coils should not be used with the (original) Ignitor or point type ignition system. Flame-Thrower II coils are compatible with Ignitor II ignition systems, and most capacitive discharge (CD) systems that control the dwell period, or limit the current. (For 12 volt negative ground systems)

1. Make sure the ignition switch is off or disconnect the battery negative cable.
2. Remove the coil wire from the coil tower.
3. Remove all wires from the positive coil terminal.
4. Remove all wires from the negative coil terminal.
5. Loosen the coil clamp and remove the existing coil.
6. Install the Flame-Thrower II coil into the coil clamp and tighten into place.  
Note: If the Flame-Thrower II coil does not fit properly in the existing coil clamp, purchase PerTronix chrome clamp #10002 or zinc clamp 10001.
7. Connect the wires that were removed from the negative coil terminal of the old coil to the negative terminal of the Flame-Thrower II coil.
8. Connect the wires that were removed from the positive coil terminal of the old coil to the positive terminal of the Flame-Thrower II coil.
9. Push the coil wire into the coil tower making sure that the boot is secure around the coil tower.

### Ballast Resistors

The ballast resistor may be removed if the Flame-Thrower II coil is used with the Ignitor II or any capacitive discharge (CD) system that controls dwell or limits the current. This only applies to Ignitor II or Capacitive Discharge systems

1. To remove a ballast resistor (normally white ceramic blocks 3 to 4" inches long), disconnect all wires on both ends of the ballast resistor. Remove the resistor from the vehicle and splice the wires removed together at a single point.
2. To remove a resistance wire, trace the coil power wire, which was previously connected to the positive coil terminal, back to the fuse block. Bypass this wire with a 12-gauge copper stranded wire.

If the vehicle has a ballast resistor or resistance wire, and is not equipped with one of the systems mentioned above, the ballast resistor should not be removed.

### Spark plug gap

In stock applications, the manufacturer's recommended spark plug, and spark plug gap will work best. For performance applications, the spark gap may be increased to take advantage of the extra energy, produced by the Flame-Thrower II coil. Since PerTronix cannot test every configuration, the end user must determine what spark plug gap works best for their application.

#### LIMITED WARRANTY

PerTronix, Inc. warrants to the original Purchaser of its Flame-Thrower products that the product shall be free from defects in material and workmanship (normal wear and tear excluded) for a period of 90 days from the date of purchase.

If within the period of the foregoing warranty PerTronix finds, after inspection, that the product or any component thereof is defective, PerTronix will, at its option, repair such products or component or replace them with identical or similar parts PROVIDED that within such period Purchaser:

1. Promptly notifies PerTronix, in writing, of such defects.
2. Delivers the defective products product or component to PerTronix (Attn: Warranty) with proof of purchase date; and
3. Has installed and used the product in a normal and proper manner, consistent with PerTronix printed instructions

THE FOREGOING LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THE FURNISHING OF A REPAIR OR REPLACEMENT COMPONENT OR COMPONENTS SHALL CONSTITUTE THE SOLE REMEDY OF PURCHASER AND THE SOLE LIABILITY OF PerTronix WHETHER ON WARRANTY, CONTRACT OR FOR NEGLIGENCE, AND IN NO EVENT WILL PerTronix BE LIABLE FOR MONEY DAMAGES WHETHER DIRECT OR CONSEQUENTIAL.

### ***PERTRONIX PERFORMANCE PRODUCTS***

440 East Arrow Highway  
San Dimas, CA 91773  
909-599-5955  
[www.pertronix.com](http://www.pertronix.com)