



HIGH PERFORMANCE COIL INSTALLATION INSTRUCTIONS

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

FLAME-THROWER II COIL APPLICATIONS

| Use with: | System Voltage | Cylinders | Primary Resistance | Recommended Flame-Thrower II Coils | | |
|-------------|----------------|-----------|--------------------|------------------------------------|--------|-------|
| | | | | Black | Chrome | Epoxy |
| Ignitor II | 12V | ALL | 0.6 ohms | 45011 | 45001 | 45111 |
| Ignitor III | 12V | ALL | 0.6 ohms | 45011 | 45001 | 45111 |
| Ignitor | 6V* | 8 | 0.6 ohms | 45011 | 45001 | 45111 |

*NOTE: Flamethrower II coil is a 12V coil and it's recommended on 8 cylinder applications with 6V systems.

NOTE: The Flame-Thrower II coil can be used with the Ignitor III or Capacitive Discharge (CD) systems that controls dwell or limits the current.

NOTE: REMOVE OR BYPASS EXTERNAL BALLAST RESISTOR OR RESISTANCE WIRE WHEN INSTALLING THE RECOMMENDED FLAME-THROWER II COIL.

Do NOT remove the ballast resistor or resistance wire if the primary resistance is lower than specified.

- 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 together at a single point.
- The resistance wire is located between the ignition switch and the firewall on most applications.
 - Locate the resistance wire, cut it out, and replace with a 12-gauge copper stranded wire or:
 - Bypass resistance wire, connect a 12-gauge copper stranded wire from a 12-volt switched ignition source to the positive (+) terminal of the coil.

SPARK PLUG GAP

In stock applications, the manufacturer's recommended spark plug, and spark plug gap will work best. For performance applications, the spark plug gap may be increased up to 0.010" from manufacturer's specifications 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.



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FLAME-THROWER II COIL INSTALLATION

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 FlameThrower 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.

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