



High Performance Coil Installation Instructions

* Legal in all 50 states and Canada,
CARB E.O. #D-57-21

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 coil into the coil clamp and tighten into place.
Note: If the Flame-Thrower 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 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 coil.
9. Push the coil wire into the coil tower making sure that the boot is secure around the coil tower.

Many vehicles were originally equipped with either a ballast resistor or a resistance wire. For help on determining if your vehicle has a resistor follow the steps below. To insure optimum performance from your Flame-Thrower coil, use the chart on the back side of this instruction sheet to determine when to retain or eliminate a ballast resistor or resistance wire.

Determining if your vehicle has a resistor

1. Make sure the key is off. Connect a jumper wire from the negative terminal of the ignition coil to an engine ground.
2. Connect the black lead of a voltmeter to ground and the red lead to the positive coil terminal. Make sure that the voltmeter is set to a 12V scale.
3. Turn the ignition switch to the on position while watching the voltmeter. Caution... Never leave the ignition on for extended periods of time while the engine is not running.
4. If the voltmeter reads approximately 12 volts, then there is no resistor in the system. If the voltmeter read less than battery voltage, then there is a resistor in the system.
5. Turn the ignition switch off and remove the jumper wire from the negative coil terminal.
6. Review the chart on the back page to insure proper usage.

1.5 Ohm Coils	8 cyl all applications	Remove resistor
	4 & 6 cyl racing applications	Remove resistor
	4 & 6 cyl normal applications	Keep resistor in place

3.0 Ohm Coils	8 cyl all applications	Coil not recommended
	4 & 6 cyl racing applications	Coil not recommended
	4 & 6 cyl normal applications	Remove resistor

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 coil. Since PerTronix cannot test every configuration, the end user must determine what spark plug gap works best for their application.

LIMITED WARRANTY

PerTronix, LLC. 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

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