HIGH PERFORMANCE COIL INSTALLATION INSTRUCTIONS

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

FLAME-THROWER COIL APPLICATIONS						
Use with:	System Voltage	Cylinders	Primary Resistance	Recommended Flamethrower Coils		
				Black	Chrome	Epoxy
Ignitor Only	12V	8	1.5 ohms	40011	40001	40111
Ignitor Only	12V	4 & 6	3.0 ohms	40511	40501	40611
Ignitor Only	6V	8	0.6 ohms	45011	45001	45111
Ignitor Only	6V	4 & 6	1.5 ohms	40011	40001	40111
	Agricultural & Industrial					
Ignitor Only	12V	1,2,3,4, & 6	2.8 ohms	28010 or 40511, 40501, 40611		
Ignitor Only	12V	8	1.5 ohms	40011	40001	40111
Ignitor Only	6V	1,2,3,4, & 6	1.5 ohms	40011	40011	40111
Ignitor Only	6V	8	0.6 ohms	45011	45001	45111

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

Do NOT remove the ballast resistor or resistance wire if the primary resistance is lower than specified or if you are using the stock coil.

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 together at a single point.
2. 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 postive (+) 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 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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Use with: | System Voltage | Cylinders | Primary Resistance | Recommended Flamethrower Coils (Black, Chrome, Epoxy)

Ignitor Only | 12V | 8 | 1.5 ohms | 40011 | 40001 | 40111
Ignitor Only | 12V | 4 & 6 | 3.0 ohms | 40511 | 40501 | 40611
Ignitor Only | 6V | 8 | 0.6 ohms | 45011 | 45001 | 45111
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FLAME-THROWER 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 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.

LIMITED WARRANTY

PerTronix, LLC. warrants to the original Purchaser of its Flame-Thrower coils 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 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 OF 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

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909-599-5955
www.pertronix.com

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