HIGH PERFORMANCE COIL INSTALLATION INSTRUCTIONS

Flame-Thrower® COIL APPLICATION GUIDE

IGNITION TYPE	VOLTAGE	RESISTANCE	ENGINE CYLINDERS	40,000 VOLTS
IGNITOR® or points system	12V	3.0 Ω	4 & 6	Chrome 5903: 40501 Black 5905: 40511
	12V	1.5 Ω	8	Chrome 5900: 40001 Black 5902: 40011
	6V	1.5 Ω	4 & 6	Chrome 5900: 40001 Black 5902: 40011

Note: Applies to positive as well as negative ground applications. 12V Negative is the standard.

WE RECOMMEND A PERTRONIX FLAME-THROWER COIL SHOULD ALWAYS BE INSTALLED BY A QUALIFIED AUTOMOTIVE ELECTRICIAN.

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

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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 #5907 or zinc clamp #5906.
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.

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 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.

OUR RETURNS POLICY

The returns policy of Pertronix Australia is as follows: In brief, all returns must be authorised prior to forwarding via prepaid freight, with your proof of purchase. (This can be requested via email: pertronix@proquip.com.au). The information you give us when requesting a Return Authorisation will aid us in our analysis of the returned item during the testing process. Coils will not be credited or exchanged until testing is complete. The Limited Warranty allows for the repair or replacement of faulty components only (purchased from Pertronix Australia or an Authorised Retailer), and does not offer "money back".

IMPORTANT INFORMATION REGARDING INSTALLATION OF YOUR COIL.

PLEASE READ PRIOR TO INSTALLATION.

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PERFORMANCE PRODUCTS

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