



HIGH PERFORMANCE COIL INSTALLATION INSTRUCTIONS

* Legal in all 50 states and Canada
CARB E. O. #D-57-17

! Caution: Flame-Thrower III 0.32 coils should not be used with the (original) ignitor or point type ignition system. Flame-Thrower III coils are compatible with Ignitor II and Ignitor III ignition systems, and most Capacitive Discharge (CD) systems that control the dwell period, or limit the current. (12volt 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 Flame-Thrower III coil into the coil clamp and tighten into place. **Note: If the Flame-Thrower III 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 III 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 III coil.
9. Push the coil wire into the coil tower making sure that the boot is secure around the coil tower.

BALLAST RESISTOR or RESISTANCE WIRE

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

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