



## 12-Volt Negative Ground Instructions

For Part Number: 1887LS

**CAUTION!!! Please read the following important information....**

1. The lobe sensor Ignitor is designed specifically for the applications and distributor numbers that are listed in the application guide. Any modification to this component will void the warranty.
2. **DO NOT USE SOLID CORE SPARK PLUG WIRE.** Use suppression or carbon type spark plug wires.
3. **Warning!!!** Leaving the ignition switch "ON" with the engine "OFF" for an extended period could result in permanent damage to the Ignitor.
4. The Ignitor is compatible only with a "points style" coil. A total primary resistance of 1.5 ohms is necessary.
5. Caution: never use a "HEI" type coil with the Ignitor. This type of coil will damage the module, cause it to fail, and void the warranty.
6. If your ignition system presently is equipped with a ballast resistor, **do not remove it.**
7. This Ignition system is designed to replace the points within the distributor and be used in conjunction with the original transistor switch.
8. See back page for coil recommendations.
9. Go to [www.pertronix.com](http://www.pertronix.com) for additional information or call Technical Support @ 909-547-9058 for additional assistance.

### **PRIOR TO INSTALLATION TURN IGNITION SWITCH OFF OR DISCONNECT THE BATTERY**

1. Remove distributor cap and rotor from distributor. Do not disconnect the spark plug wires from cap. Examine parts for excessive wear. Replace as needed
2. Remove the point wire from the junction block. This is the same location that the black Ignitor wire will be installed.
3. Remove and retain the point and condenser. Installing the Ignitor does not alter the internal configuration of your distributor.
4. Clean all dirt and excess oil from the breaker plate and point cam.
5. Set the adapter plate onto the breaker plate in the same place as the point set. Make sure the locating bump drops into the alignment hole. Fasten the plate in place using the screw provided. Use the provided 6-32 screws to attach the module to the adapter plate.
6. Slide the wire grommet into the distributor and pull excess wire out of the distributor. Check to insure that the wires do not contact any moving parts.

#### LIMITED WARRANTY

Pertronix, LLC. Warrants to the original Purchaser of its solid-state ignition system (product) that the Ignitor, magnet assembly and wiring (components) shall be free from defects in material and workmanship for a period of (30) months 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:

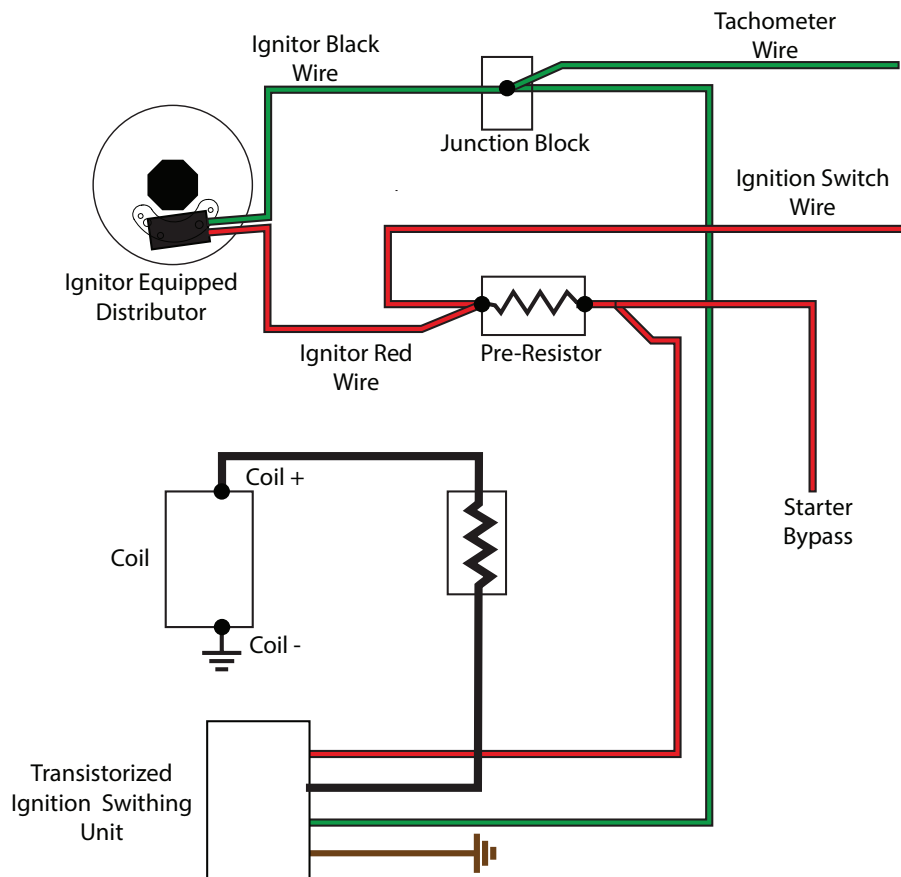
1. Promptly Notifies Pertronix, in writing, of such defects.
2. Delivers the defective products product or component to Pertronix (ATTN: Warranty) with proof of purchase date; and
3. Has installed and used the product in a normal and Proper manner, consistent with Pertronix printed instructions.

THE FORGOING LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING AND IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PURPOSE. THE FURNISHING OF A REPAIR OR REPLACEMENT 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.



440 E. Arrow Highway  
San Dimas, CA. 91773  
909-599-5955 [www.pertronix.com](http://www.pertronix.com)

7. Install distributor cap and rotor. Make sure all spark plug wires are securely attached
8. Connect the black Ignitor wire to junction block where the point wire was previously attached.
9. Connect the red Ignitor wire to the ignition side of the pre resistor.
10. The factory transistor switch should be kept installed.
11. The engine can now be started. Let the engine run for a few minutes and then set the timing in the conventional manner.



## Ignitor™ COMMON QUESTIONS AND ANSWERS

- Q. What is the first thing I should check if the engine would not start?  
 A. Make certain all wires are connected securely to the proper terminals.
- Q. How can I fix a low voltage problem?  
 A. First, if you have an external ballast resistor, connect the red Ignitor™ wire to the ignition wire prior to the ballast resistor. Second, if you do not have a ballast resistor you must connect the red Ignitor™ wire to a 12-volt source that is controlled by the ignition switch.
- Q. What type of coil do I need?  
 A. The Ignitor™ is compatible only with a "points style" coil. Six & eight cylinder engines require a minimum of 1.5 ohms of resistance in the primary circuit. Four cylinder engines require a minimum of 3.0 ohms of resistance.
- Q. How do I check my coil for resistance?  
 A. First you need an ohmmeter. Remove all the wires from the coil. Attach the meter to both the positive and negative terminals. The reading should be 1.5 ohms or greater for six and eight cylinder engines, and 3.0 ohms or greater for four cylinder engines. (Your local auto parts store can do this).
- Q. What do I do if my coil does not have enough resistance?  
 A. You may purchase and install a ballast resistor from your local auto parts store. You may also choose to purchase a Flame-Thrower™ 40,000-volt coil, which provides resistance internally. Note: Many vehicles come with a resistor wire or a ballast resistor. These applications do not need an additional resistor.
- Q. What happens if I leave the ignition switch on when the engine is not running?  
 A. This can cause you coil to overheat, which may cause permanent damage to the coil and the Ignitor™.
- Q. May I modify the length of the Ignitor™ wires?  
 A. Yes, you may cut the wires to any length your application may require. You may also add lengths of wire if needed (20-gauge wire). Please make sure all wire splice are clean and connections are secure.
- Q. How can I get additional help?  
 A. Call our tech line (909-599-5955) for any further instructions or questions.