

NOLOGY®

The Intelligence of Speed™
Installation Instructions For
HotWires®
A SPEED THRILLS™ PRODUCT

California Air Resource Board (CARB) EO # D-414

Automobiles

HotWires® for automobiles are compatible with ALL stock and ALL aftermarket ignition systems and are street legal. Electronic ignition is preferred, but satisfactory results are achieved with points ignition if the points and condenser are in good working order. **HotWires®** for automobiles are completely RFI and EMI protected and do not interfere with any electronic devices such as radios, fuel injections, engine management computers, etc..

Getting **HotWires®** Ready For Installation

HotWires® for automobiles cannot be shortened. The capacitor, incorporated into the thicker section of the **HotWires®**, cannot be altered in any way. **Do not cut into the thicker section of the HotWires® or they will be destroyed.**

HotWires® for automobiles are always delivered with spark plug boots and coil/distributor connectors securely installed.

Installing **HotWires®**

Installation is quick and easy. Simply install **HotWires®** in place of conventional ignition wires. To guarantee correct firing order, remove old plug wires and install **HotWires®** one wire at a time.

Step 1. Remove old plug wires one wire at a time.

Step 2. Connect **HotWires®** to spark plugs and securely attach the braided ground wires to a good engine ground, close to the spark plugs, (on most engines this will be a valve cover bolt or exhaust header bolt).

Step 3. Route **HotWires®** in a clean and direct way to the distributor or coil and plug-in.

For cleanest routing and secure installation use Nology's HotWires® separator kits. Available with 2, 3 and 4 holes.

Now you are ready to enjoy **HotWires®**.

HotWires® will give the biggest performance increase when non-resistor spark plugs (those with a resistance of less than 0.5 Ohm) are used.

When using **HotWires®** on modified engines, the spark plug gap should not exceed 0.9 mm (0.035 inch). Due to a much faster and more efficient combustion, ignition timing should not exceed factory specification. Different fuel mixtures (richer or leaner) may be tried to fine-tune the engine for maximum performance or economy.

Always watch exhaust temperature when running lean.

HotWires® create the most powerful spark possible. **HotWires®** are the only spark plug wires with a built-in capacitor. This internal capacitor transforms any spark into a **HotWires®** spark, a spark up to 300 times more powerful. Energy from the ignition coil is accumulated in the built-in capacitor until the voltage at the spark plug electrodes reaches the ionization point. At that time ALL the stored energy is discharged at once. The resulting spark is 300 times more powerful than the spark of a conventional ignition system. Combustion is faster and more complete.

* Increased Horsepower & Torque * Quicker Acceleration * Easy Starting * Longer Plug Life * Cleaner Combustion *

If you're not using HotWires®, you're not going as fast as you could be

LIMITED WARRANTY

Nology Engineering, Inc. assumes no responsibility or liability for damage or injuries which may result from the use or installation of its performance and racing products, whether or not properly installed or used. Due to the extreme demand on racing and performance products, they are sold WITHOUT ANY EXPRESS WARRANTY OR ANY IMPLIED WARRANTY OF MERCHANTABILITY FOR INTENDED PURPOSE.

HotWires® manufactured by Nology Engineering, Inc. are guaranteed for One (1) Year against all material or workmanship defects.

Should a product be defective, it must be returned to Nology Engineering, Inc. All returns must be authorized in advance and accompanied by a return authorization number. Freight must be prepaid by customer. If product is found to be defective it will be repaired free of charge or exchanged, at Nology Engineering, Inc.'s sole discretion. Repairs or exchanges will not be issued if merchandise has been damaged or abused.

High Performance Ground-Strap

Nology's new, ultra low impedance, high quality engine ground-strap is a must for many of today's cars with electronic engine management systems. This high-tech looking ground-strap assures a perfect grounding path between the engine and the chassis of any car. A good engine ground is absolutely essential for trouble free and efficient engine operation, especially on engines with upgraded ignition systems, electronic fuel injection or otherwise modified electronics. Many electrical problems and engine management failures are directly attributed to a bad engine ground. Don't take a chance, install our ground-strap today.

HotWires® Separators

For the cleanest routing and secure installation of HotWires®, use Nology's new plug wire Separators. These Separators are of the highest quality, come in black, and are available with 2, 3 and 4 holes.

