



STROMBERG



## 44 COIL INSTALLATION GUIDE

If you need further information or assistance, please contact your Stromberg dealer, or e-mail us direct at:

[tech@stromberg-97.com](mailto:tech@stromberg-97.com)

or log on to our Tech Center at:  
[stromberg-97.com](http://stromberg-97.com)



# READ THIS FIRST

Thank you for choosing the 44 ignition coil. Please read this guide before installation.

The 44 is oil-filled for better cooling and improved voltage insulation. It's got quite a kick, too - promising high spark output with electronic or points distributors, 6 or 12 volt, negative or positive ground.

Always check you have the correct coil for your application. Stromberg e-FIRE electronic distributors (12v negative or 6v positive ground) should be used with a 1.5 Ohm ( $\Omega$ ) coil and no external ballast resistor. Other distributors may have different requirements. The 44 is not suitable for capacitive discharge or distributor-less ignition systems. For most applications, follow your engine manufacturer's recommendations for spark plug choice and gap.

### WARNING!

Correct ignition coil installation is critical to engine performance. Stromberg recommends installation by a professional auto mechanic. An improperly installed ignition coil can cause poor engine performance or damage. Always disconnect your vehicle's battery and make sure that the engine is cool before performing any work on a vehicle's electrical system. Failure to do so may produce sparks, causing a fire or explosion, resulting in property damage, serious personal injury, or death.

**NOTE:** This product is legal only for use off-road or on pre-emission controlled motor vehicles/engines. In the USA, this means pre-1966 domestic vehicles certified to California standards, pre-1968 domestic vehicles certified to federal standards and all pre-1968 foreign vehicles.

### WARNING!

This product can expose you to chemicals which are known in the State of California to cause cancer and birth defects and other reproductive harm. For more information go to [www.P65warnings.ca.gov/product](http://www.P65warnings.ca.gov/product)

## TWOSTEP INSTALLATION

### Step 1 - Remove old coil

- A)** Disconnect the vehicle's negative battery terminal. Remove the high tension wire (the one that goes to the distributor cap) from the coil tower.
- B)** Label the wires, if needed, to aid replacement, then remove all wires from the positive and negative terminals.
- C)** Loosen the coil clamp and remove the coil.

### Step 2 - Install Stromberg 44 coil

- A)** Fit the new coil into your coil clamp and tighten securely into place. For traditional looks and performance, check out the Stromberg stainless steel coil bracket - Part 9707K.

### WARNING!

Always mount oil-filled coils with the electrical connections pointing upwards.

- B)** Connect your positive and negative terminal wires to the new 44 coil.
- C)** Push the coil high tension wire securely into the coil tower and make sure the boot is correctly positioned. Reconnect the vehicle's negative battery terminal.

If you've chosen a 44 coil to complement your e-FIRE distributor, try e-FIRE high performance spark plug wires too. Designed for optimum performance, they mix strong fire power with high level RFI/EMI resistance. The spiral-wound, stainless steel suppression core is protected by tough fiberglass reinforcing braid for strength and flexibility. And 100% silicone insulation resists high temperatures, moisture, oil and chemicals, and protects against arcing and voltage leaks. With low 500 Ohm/ft resistance, they get plenty of energy into your plugs too.

## Troubleshooting

Every single 44 coil is factory-tested before shipping. If the 44 coil was a like-for-like swap and the engine won't start, runs unevenly or simply sounds wrong, check all wiring connections. Do you have fuel? Is there a spark out of the coil high tension wire?

If this is a new build, check that you have the correct coil for your ignition system. This is especially important with electronic ignition systems, which will struggle without a reliable power source and a good ground (earth). This is VERY important, especially on 6 volt models where under-charged batteries, hidden ballast resistors, old wiring and worn starter motors can leave your distributor without the power it needs.

For further information and troubleshooting tips, please visit the Stromberg Tech Center at: [www.stromberg-97.com](http://www.stromberg-97.com).

## Maintenance

Ignition coils live in a harsh under-bonnet environment. After an initial running period, check all wire connections. Aim to keep free of water and road salt.

## Warranty

All Stromberg products receive numerous checks and tests to ensure optimum quality and performance. Stromberg also takes customer support very seriously, and this extends to fair Limited Warranty terms and procedures across our full product range. Stromberg warrants this new product to be free from defects in operation for ninety (90) days from the date of original purchase by the original purchaser. To claim under this Limited Warranty, the Purchaser should contact Stromberg directly by email at [warranty@stromberg-97.com](mailto:warranty@stromberg-97.com) with a clear description of the problem and evidence of the dated purchase receipt. Terms & Exclusions apply. For full details, please visit our website.