



Application: 1974

Part Includes

1- Spark Plug Wire Set

Spark Plug Wire Installation



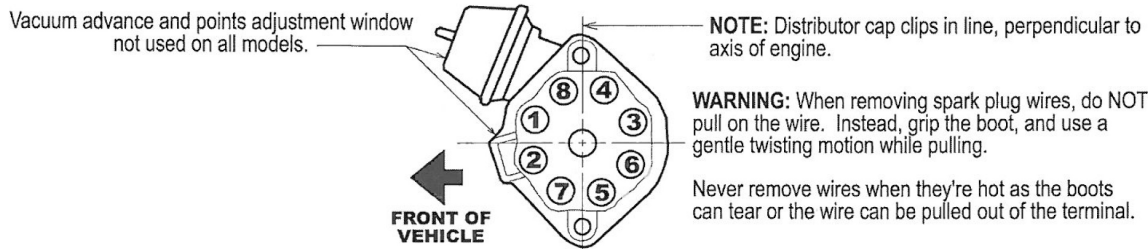
Tools Needed



Thank you for purchasing the finest set of reproduction spark plug wires available for your car. These wires were manufactured to factory assembly line specifications, using original-type Packard wire and exact reproduction componets.

Unlike aftermarket replacement spark plug wire sets that are designed to fit a number of applications and allow extra length for each wire in order to ensure its fit, this exactreproduction set uses all the correct wire lengths. There will not be an excessive amount of extra wire to any one cylinder. This set will provide an accurate fit and professional apperance- just as it left the factory.

There are several crucial elements in the installation of this wire set. First, you must insure that your distributor is positioned correctly. Second you must route the correct wire to the appropriate cylinder using the ignition shield brackets and the correct holes in the rubber wire guides. Measure each of the enclosed wires and use the chart shown below. Measurements are made from the bend in the spark plug terminal to the center of the distributor terminal. All lengths are plus or minus 1/2"



NOTE:

Install wire #1 from cylinder #1 spark plug to cyinder #1 position on distributor cap. Repeat process for each of the other wires.

WARNING:

If using dielectric grease, do NOT allow grease to get on any metal spark plug terminal as it will cause high resistance and lead to mis-fires and spark plug wire failure. Dielectric grease should only be applied sparingly to the inside surface of the rubber boots!

These wires are made as original and are not intended to be used with an aftermarket high-performance coil or high-performance ignition system (i.e. MSD ignition system). Use of such may reduce the life expectancy of these wires.

WIRE NO. 1-	46.0"	WIRE NO. 5-	29.0"
WIRE NO. 2-	46.0"	WIRE NO. 6-	29.0"
WIRE NO. 3-	46.0"	WIRE NO. 7-	24.0"
WIRE NO. 4-	42.0"	WIRE NO. 8-	24.0"

PLEASE NOTE: Before attempting to install this set of spark plug wires, you must determine whether or not you are using the correct distributor cap. Due to the added height of the FI distributor, Chevrolet designed a special, low profile distributor cap (AC Delco) for use on 63-65 fuel injected Corvettes, that would not interfere with the ignition shielding. Because of the lower profile, this cap requires the use of shorter distributor terminals

If you are not using a correct distributor cap, these wires will not function properly. You may purchase a replacement D310 cap from us.



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Description (cont.)

STEP 1.

Make sure the ignition is off.

STEP 2.

Applying Dielectric Grease (a tube of dielectric grease and applicator swabs are included): The proper application of dielectric grease will help to keep the ignition coil's spark from arching through, or around, the spark plug wire boot, help maintain a dry environment at the terminal connection, and keep the boots from bonding to the spark plug insulator thereby making installation and reinstallation of the plug wires easier.

STEP 3.

Using the enclosed cotton swab or your finger, apply a spread a small amount of dielectric grease to the INSULATOR (ceramic) portion of the plug ONLY. Only a thin glaze is required. DO NOT get the grease onto the spark plug's metal terminal. If you do, wipe it off.

STEP 4.

On the end of the spark plug wire that attaches to the spark plug, using the cotton swab, apply a small amount of the dielectric grease to the INSIDE of the spark plug wire BOOT. Coat the entire inside surface of the boot. Only a thin glaze is required. DO NOT get grease onto the spark plug's terminal. If you do, wipe it off.

NOTE: Only use dielectric grease on the boot at the spark plug end of the wire. It is not necessary to use dielectric grease at the distributor cap end, or coil end, of the wire.

STEP 5.

Repeat above process for the remaining spark plugs and spark plug wires.

STEP 6.

Install all the spark plugs into the engine, taking care not to wipe off the grease.

STEP 7.

Using the chart on the first page, layout the individual wires according to wire/cylinder number (as determined by the wire length).

NOTE: The wire/ cylinder number chart is not included with all spark plug wire sets.

STEP 8.

Install the first spark plug wire, making sure that the wire's terminals are fully seated onto the spark plug terminal and into the distributor cap terminal. You should hear and feel a definitive "click". This click will insure that the metal collar on the spark plug wire has fully engaged the spark plug terminal and distributor cap terminal. If you do not hear or feel the click, press harder onto the top of the spark plug wire boot/ terminal while using a slight wiggle motion.

NOTE: At the distributor cap end of the wire, if you do not hear or feel the click, you can gently slide the boot up the wire so that the terminal is exposed. The boot will more easily slide up the wire if you apply a lubricant like Amor-All or WD-40 to the wire. Exposing the terminal will make for easier insertion onto the distributor cap's terminal. Then, gently slide the boot down over the distributor cap.

Taking time to insure that you have a good terminal-to-terminal connection (by hearing or feeling the click) will avoid arching, performance problems, and ensure that the wires don't fall off.

STEP 9.

Your set of spark plug wires were made as-original. If the wire(s) do not reach their intended destination, make sure that you have them routed correctly and that your distributor is rotated to the correct clock position. A factory assembly manual is very helpful.

STEP 10.

Repeat step 8 and 9 until all the spark plug wires have been installed.