

LS Classic Series By Lokar Plug Wires Installation Instructions

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General Installation Notes:

Please read these instructions completely before beginning the installation. If you have any questions, please call.

Before beginning the installation, disconnect the negative battery cable and use wheel chocks to block the vehicle's wheels.

Make sure the engine, transmission, body and frame are properly grounded.

Refer to Fig. 1 for the component names.

Installation of this Spark Plug Wire Kit will require a sharp utility knife, a pair of pliers, and a good quality wire crimping tool that is designed for crimping spark plug wire terminals. A sharp pair of wire cutters will also be helpful.

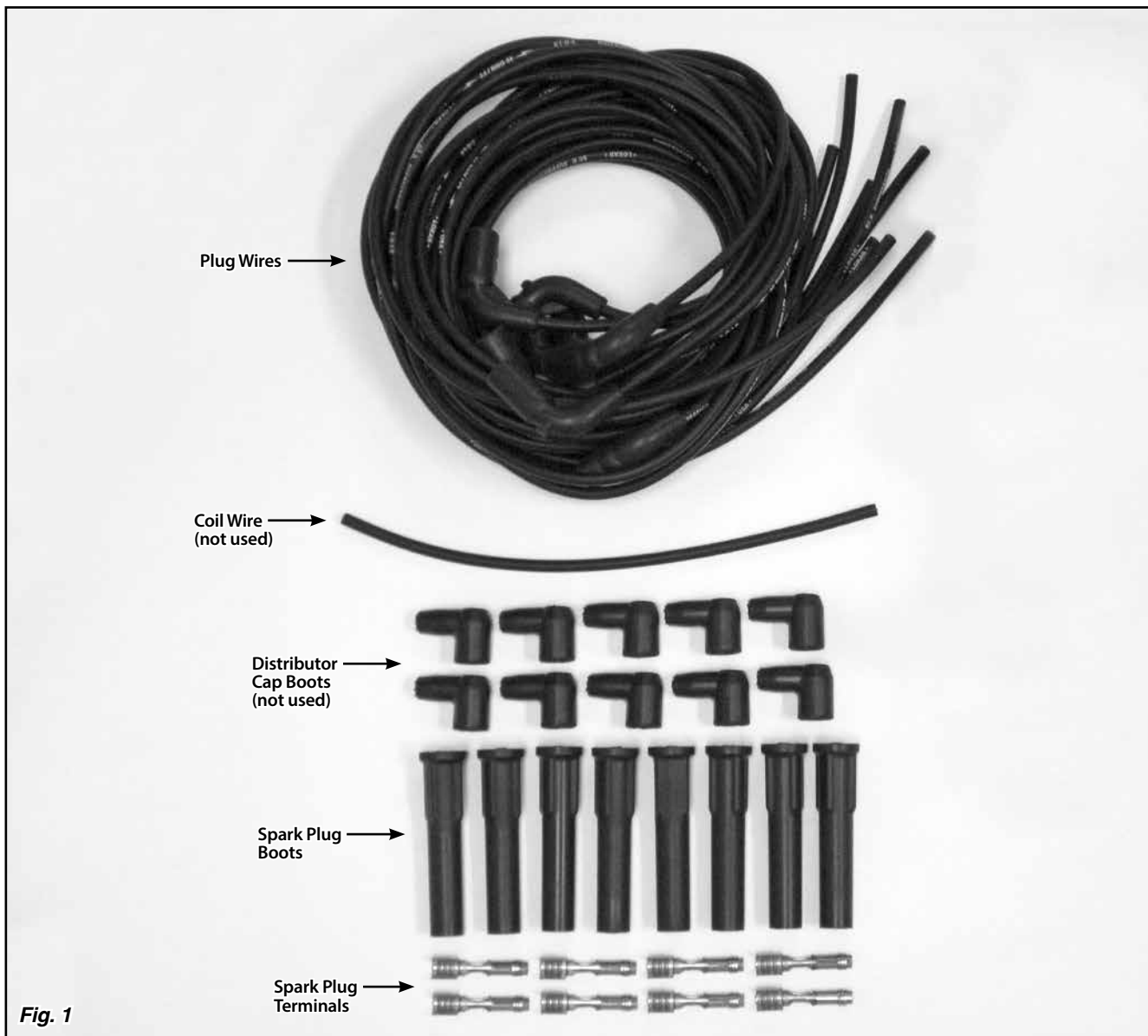
Step 1: Discard the coil wire and distributor cap boots. They are used in a different application, and will not be needed here.

Step 2: The plug wires already have the ignition coil terminals and boots pre-installed. Connect one of the plug wires to the #1 ignition coil tower, and route it to the #1 spark plug. Make sure that the plug wire is not pulled tight, and that it will not be against the exhaust or be too close to any moving parts. Mark the plug wire where it meets the spark plug.

Step 3: Cut the plug wire at your mark, using a pair of sharp wire cutters or a sharp utility knife.

Step 4: Spray silicone lubricant on the end of the plug wire. Feed the plug wire into the large end of a spark plug boot and out of the small end. Slide the spark plug boot a couple of inches up the plug wire towards the ignition coil.

Step 5: Measure and make a mark 5/8" from the end of the plug wire. **Fig. 2** Use a sharp utility knife to CAREFULLY cut through the black outer cover and approximately 1/16" into the insulation, all the way around the plug wire. MAKE SURE you do not cut the insulation deep enough to reach the conductor in the center of the plug wire!



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Step 6: Bend the cut section back and forth a few times to break the insulation free from the conductor core in the plug wire. Pull the insulation off of the plug wire, leaving 5/8" of the conductor sticking out. **Fig. 3**

Step 7: Inspect the conductor closely to make sure you did not nick it with the knife. If there is **ANY** damage to the conductor, you must cut the conductor off flush with the insulation, and strip the plug wire end again, more carefully.

Step 8: Fold the conductor over against the outside of the insulation. **Fig. 4** Position a spark plug terminal on the end of the plug wire, with the conductor on the bottom in between the insulation and the back of the spark plug terminal. Make sure that the terminal is positioned so that at least 1/16" or a little more of the insulation is protruding beyond the edge of the tabs on the spark plug terminal. **Fig. 5**

Step 9: Before you start to crimp the spark plug terminal, use a pair of pliers to squeeze the spark plug terminal tabs together enough to keep the terminal from falling off of the plug wire, and so that the tabs will fit into the notches on the spark plug wire crimper. **Fig. 5**

Step 10: Use the spark plug wire crimper to crimp the terminal onto the plug wire. **Fig. 6**

Step 11: Spray the plug wire with silicone lubricant again, and carefully slide the spark plug boot back down the plug wire and over the spark plug terminal until you feel it stop. **Fig. 7**

Step 12: Repeat the above process for the other seven plug wires.

Step 13: Once the silicone lubricant has had a chance to dry, install each of the plug wires onto their respective spark plugs.

