



WHITE LIGHTNING LLC

Installation Instructions

STEP 1

Locate the car's fuel injectors. (Note: If you can not see the fuel injectors, the car's plenum must be removed. While this is a simple and quick procedure, we recommend that a certified mechanic do the installation.)



STEP 6

Be sure all of the vehicle injectors and White Lightning connectors are securely connected. Then attach the White Lightning box to any location where the box can be secured using the enclosed tie straps, but at least 12 inches from any exhaust components.



STEP 2

Disconnect the car's fuel injectors.



STEP 7

The installation is now completed. However, we recommend that you drive your vehicle on straight gasoline for at least 60 miles. As long as the check engine light does not come on after 60 miles, your vehicle is now ready for E85. (Note: If your check engine light does come on, see the "Troubleshooting" section below)

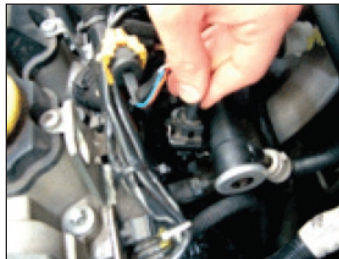
STEP 3

Note the male and female connectors of the White Lightning unit (female pictured on the left; male is on the right).



STEP 4

Plug the White Lightning female connector into the car's male fuel injector. Then plug the corresponding White Lightning male connector into the car's female fuel injector (repeat this process for all of your cars' injectors).



STEP 5

Connect the Black Ground Wire to the negative terminal on the battery, the engine or the firewall, by removing the screw from the battery, engine, or firewall. Thread the 1 or 2 eyelets (1 for 4-cylinder kits; 2 for 6 & 8-cylinder kits) with the screw before re-screwing.



TROUBLESHOOTING

In some cases, a check engine light will illuminate on your car's dashboard. This indicator does not pose any potential harm to your vehicle and there is no problem with continuing to drive while this light is on.

To correct this problem, the White Lightning system has a potentiometer located on the inside of the box for rich/lean adjustments. Simply unscrew the 4 screws on the top of the box to access the potentiometer (the white & blue dial located on the bottom of the circuit board, directly below the code starting with "E85").

You will notice that the range is from 0 - 10. 0 being the most lean setting; 10 being the most rich. All units are shipped in the position of number 5.

CHECK ENGINE LIGHT (during 1st 60 miles): If your check engine light appears during the first 60 miles on gas only, the setting is too rich for your car. Adjust the potentiometer to a lower setting between 3 - 4, and repeat Step 7 (including driving on gas only for 60 miles), before fueling with E85.

CHECK ENGINE LIGHT (on E85): If your check engine light appears while running on E85, the setting is too lean. Adjust the potentiometer to a higher setting between 6 - 7.

FINDING THE OPTIMUM SETTING FOR THE POTENTIOMETER, IS A ONE TIME ADJUSTMENT AND WILL NOT REQUIRE CONTINUAL ADJUSTMENTS FOR RUNNING ON GAS OR ETHANOL.

FOR TECHNICAL SUPPORT, PLEASE CALL 800-376-6380; or 310-382-4942 (Int'l) MON - FRI (8:00 - 4:30 PST)