

HID installation for the C6

TOOLS NEEDED:

Flathead screwdriver (medium)

Torx T-15 on Z06 model

Wire cutters

Ratchet, 10mm and 13mm sockets

Jack, tire iron, jack stand

Note that the instructions with your kit will tell you HID's are not street legal in non-HID designed housings. However, we have tested these in the housings for months of daily use, day and night, with no problems (i.e. – housing heat problems, oncoming traffic begin blinded, operation issues, etc).

1. Set your wheels straight forward and start by removing the passenger wheel. Set your jackstand. Disconnect your battery.

2. On the Z06 there are five T-15 torx screws, on the other model C6's there are about the same number of plastic 'push plugs'. Remove these. The push-plugs simply require you to remove them with a flat-head by prying the center plug up from the surrounding base. It's OK to remove the plug from the base. Sometimes it's easier just to remove the plug, then carefully slide your flat-head behind the base to get it out.

3. Once all the fasteners on the outer edge have been removed you should be able to pull the liner back enough to see your fog light.



(Aqua are push-plugs and green are T15 torx)

4. Next unplug the harness from the bulb:



5. Twist the bulb counter-clockwise $1/8^{\text{th}}$ turn and you can remove it by pulling it straight out:



6. Before installing your HID bulbs, you will notice that on each bulb's wiring is a rubber boot that also has an additional harness running through it. **YOU DO NOT NEED THESE** for this installation. You have two options, you can cut the boot completely off, along with the extra wiring, using wire cutters (carefully so you don't cut the bulb's wiring) or you can cut the extra harness in half and pull it out of the boot. The boot will not affect anything, as you can see in the picture below step 7, it is still there.



7. Install the HID bulb **CAREFULLY**, without touching the glass on anything or your fingers. The blue strip should be

facing down and about the same angle as the bulb was when it could be pulled out (see above and below). You should feel the bulb somewhat 'seat' into the housing when it's properly in. (remember how the factory bulb pulled out) Twist the bulb 1/8th turn clockwise while keeping firm pressure on it inwards.



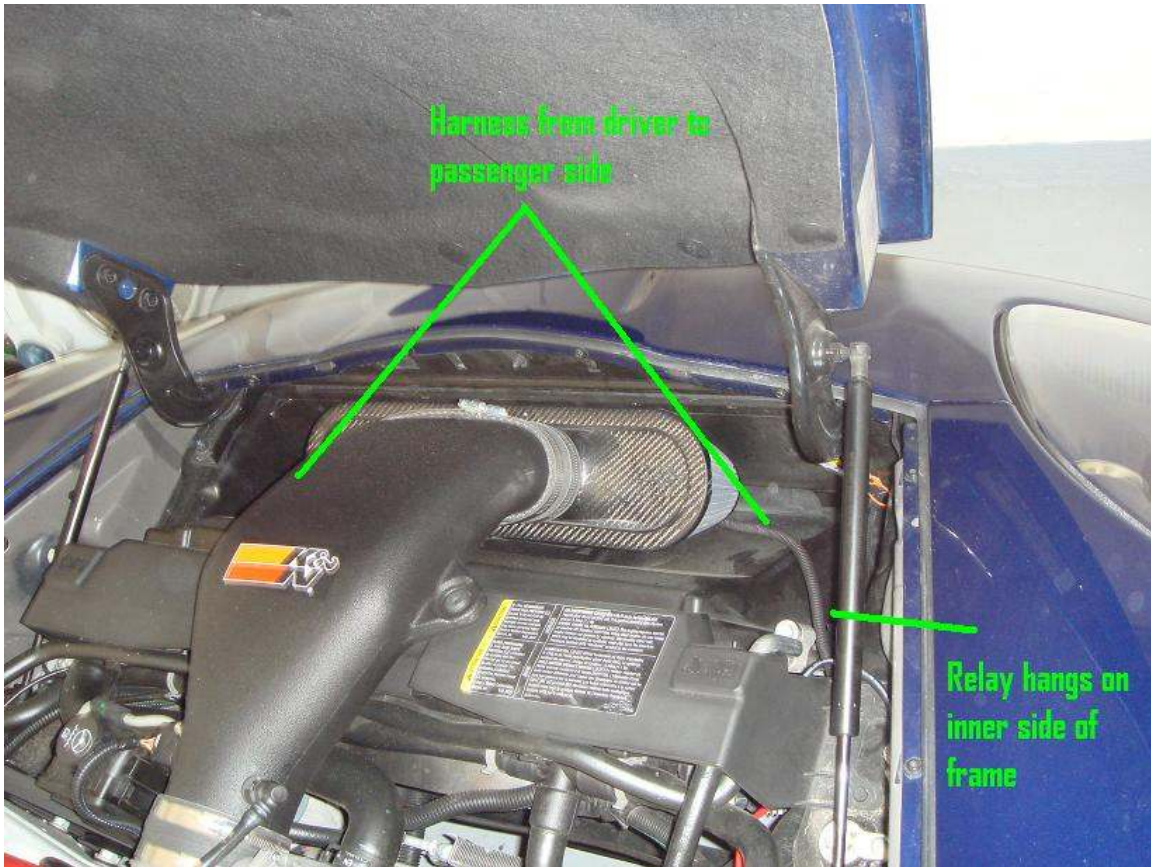
installed:



8. Now take your wiring harness with the relay up under the hood area. You will be making a connection of the fused power wire to the 13mm bolt under the fusebox cover and the relay's ground will attach to the frame at the 10mm bolt. See pics below. The relay sits on the inner side of the frame just in front of the radiator shroud.

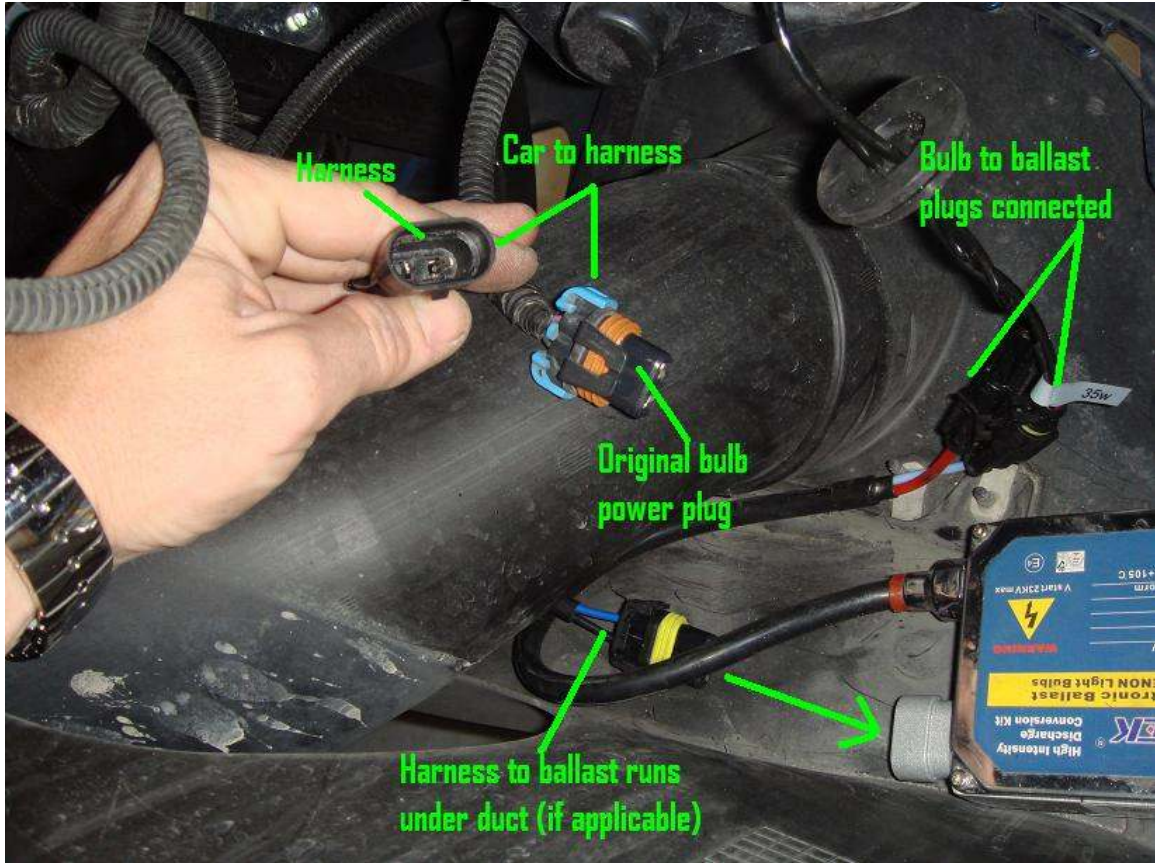


9. In the above picture you will see the power wire from the relay runs from the relay under the radiator shroud between the frame and the radiator. It can easily be hidden with tie-wraps under the factory flex-loom. The power wire then be slid under the fuse box and you can connect it to the 13mm bolt. This hides the power wire quite well. See pic below for relay location and the rest of the harness going to the other side.



10. Lay your ballast on the passenger wheel well flooring in front of the wheel well liner. Connect the ballast to the bulb and plug your harness into the ballast.

11. You will need to plug the car's power plug for the factory fog light into the wiring harness (as shown in picture below) as well. The picture below has my hand coming from the wheel well liner for position reference.



12. In the box for your HID's, under the formed liner, you will find two ballast holding clips. These can be installed if you wish to hold the ballasts. Remember to connect everything FIRST before placing your holders. The ballast on the Z06 will be pretty much sitting under the duct shown above then it is plugged in. It is not necessary to use the holder - preference of the installer.
13. Run the harness to the driver's side by running it just in front of the air-box.

14. You should have all your passenger side done. Double-check everything. Retighten the connection bolts. Make sure your HID bulb is in properly and not loose.
15. Before reinstalling the hardware on your wheel well liner, connect your battery, turn the ignition on and check your fog lights to make sure the HID is working. Don't leave it on too long, as you will have a hot bulb to deal with on the other side's install!
16. If the HID does not come on, recheck all your plugs, connections, ground and power. Check the fuse in the power line from the relay. Check the relay plug.
17. Reinstall your liner hardware and wheel. The driver's side will be much quicker as all you have to do is swap the stock bulb with the HID bulb, plug the harness plug into the ballast and the ballast into the bulb wires. Mount your ballast where you want it and you're DONE! (check for operation before putting the liner and wheel back on the car).
18. Enjoy the new modern look and safety of your HID foglights! ☺

If you have any questions just email me at sales@exoticvette.com
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