

INSTALLATION GUIDE:

CCFL and L.E.D. Installation Guide

For more information about how to install CCFL/L.E.D. to your vehicle, come visit our youtube page on <http://www.youtube.com/spyderauto>

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Parts Identification:		TOOLS REQUIRE	
CCFL & L.E.D. HEAD LIGHT		CRIMPER	
CCFL INVERTER. NEGATIVE(BLACK), POSITIVE(RED)		VOLT METER	
CCFL WIRES(FROM HEADLIGHT)		4-5QTY QUICK CONNECT	
L.E.D. WIRES. -POSITIVE(WHITE) -NEGATIVE(BLACK)		BLACK TAPE	

STEP:2 PRE-WIRING

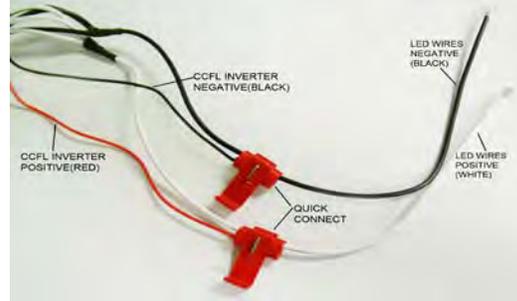
Connect the CCFL Inverter to the CCFL wires on the headlight. The inverter is a Snap-on plug.



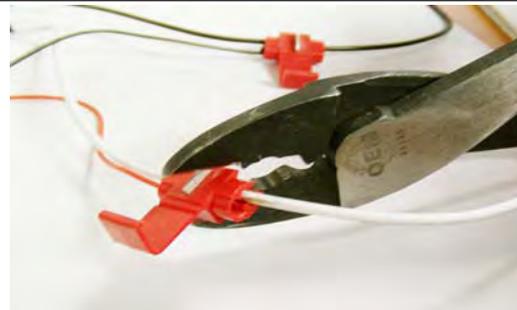
The CCFL wires comes with a heat shrink wrap, use a heat gun or a lighter to shrink the plugs together. When using a lighter, make sure to heat on the wrap and not on the wires itself.



Connect the CCFL Inverter with the L.E.D. wires Using the quick connect, connect the CCFL inverter Positive(white). Same goes with Negative wires



Use the Crimper to close the quick connects together. Check the wiring after connecting, make sure it is connected properly.



Check all connections before installing the headlights onto the vehicle. Connect the Positive and Negative wires to the battery terminal to see if all CCFL and L.E.D.'s are lid up.



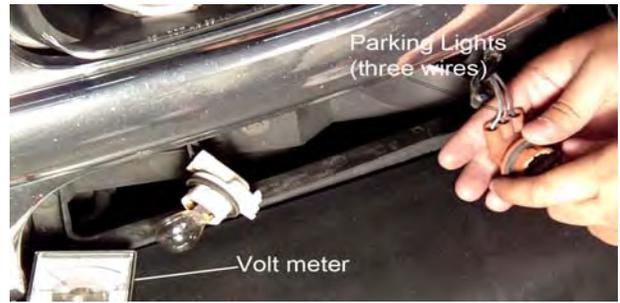
STEP: 3 Connecting to Parking/Running Lights

Most users connect the CCFL/L.E.D.'s on the parking/running lights. This instruction, we're gonna connect to the Parking/Running lights.

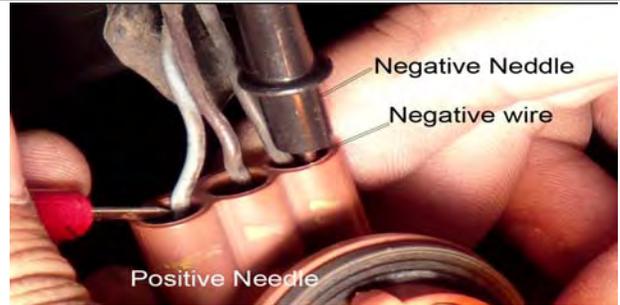
First, locate the parking lights on your vehicle Head-light housing. Some Parking lights come with two (running lights, ground) or three (running lights, turn signal, ground) wires.



To determine which wires are what on the Parking lights, we use a volt meter.



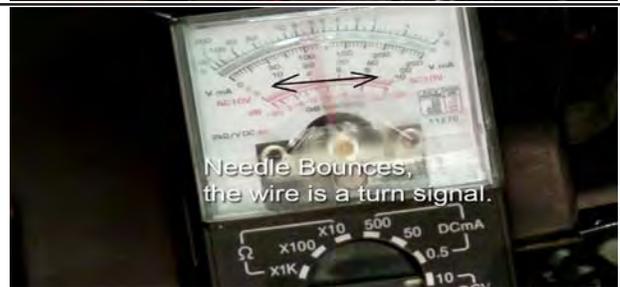
The volt meter has a positive (red) and negative (black) needles. First turn on the parking light and signal on. Then Pinch the Negative needle to a ground or negative wire (as shown). Then Pinch the Positive wire to one of the color wires on the turn signal.



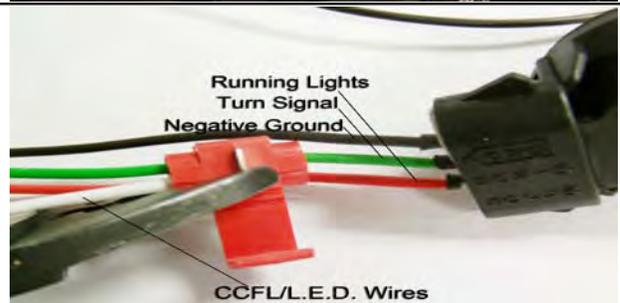
To understand how to read the volt meter in simple terms; When the needle stays constant on high voltage, the wire that was pinched is a Running/Parking light. Meaning the parking light on your vehicle stays on whenever the lights are turned on.



If the needle bounces on the meter, the wire is a turn signal. The voltage to the turn signal pulls high and low in order for the turn signal to blink. We don't recommend to

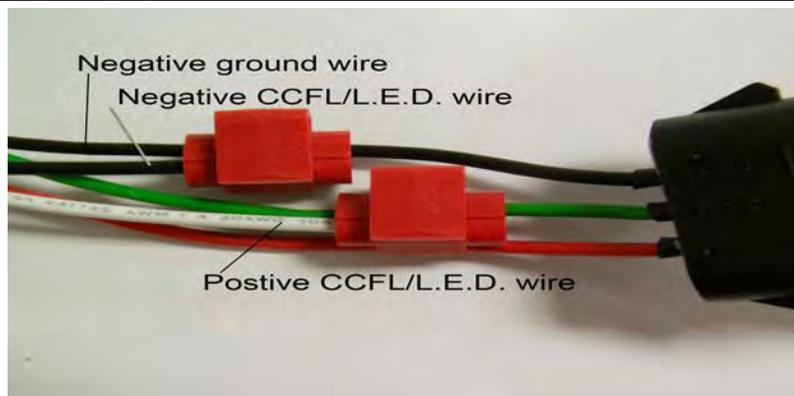


Once you locate the running wires, use the quick connects and connect the CCFL/L.E.D. Positive wires to the running lights.



STEP:4 FINISHING

Use the quick connect and connect the CCFL/L.E.D. Negative wires to the negative wires on the Parking Lights.



Before putting the headlight back on, check the CCFL/L.E.D.'s make sure they all lid up.



You've just installed CCFL/ L.E.D.'s on your vehicle.



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