

DDMWorks



Automotive Performance Specialists

DDMWorks - Under hood Light



The DDMWorks Under hood Light Kit is a 3x3 matrix of high intensity LED's that will illuminate your engine bay whether its for show or tuning on the road. While a CNC laser cut shroud keeps it protected and the light out of your eyes.

Installation time of the under hood light depends on you and your mechanical skills. If you are pretty handy with tools the under hood light can be installed in under 15 minutes, however we suggest that you schedule at least a half hour for the install.

If you have any questions during the installation you can call us at (864) 907-6004 or email us at Tech@ddmworks.com.

LED Color

Cool White	Warm White	Red	Blue	Green	Other
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PACKING LIST

Item	Qty
Hood Light Black Metal Shroud	1
3x3 LED Matrix with Constant Current Chipset	1
Double Sided Adhesive tape for LED	1
Double Sided Adhesive for mounting Metal Shroud	1
Alcohol prep pad	1
Small Zip Ties	2
"Vampire" Style electrical connections (Red)	2

Important note: The adhesive tape on this kit has to be installed when the hood and temperature is between 75-90F degrees, and the surfaces have to be clean.

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119-A Hwy 183
Piedmont, SC 29673



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Tech Support
(864) 907-6004
Tech@DDMWorks.com

TOOLS NEEDED

Small needle nose pliers

Rev. 7-12-11 MJB

Underhood LED Lighting Upgrade— Install

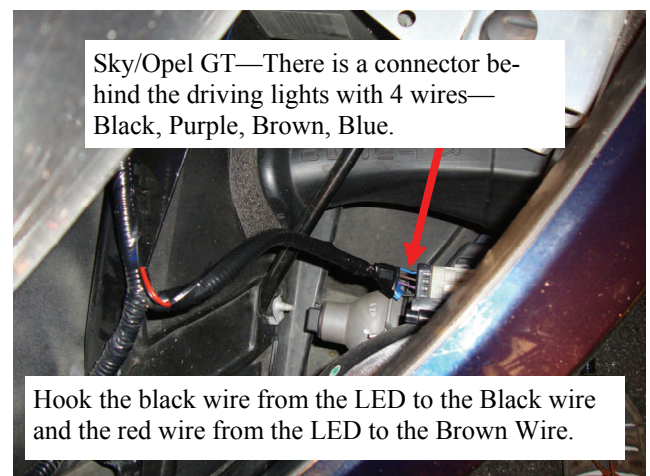
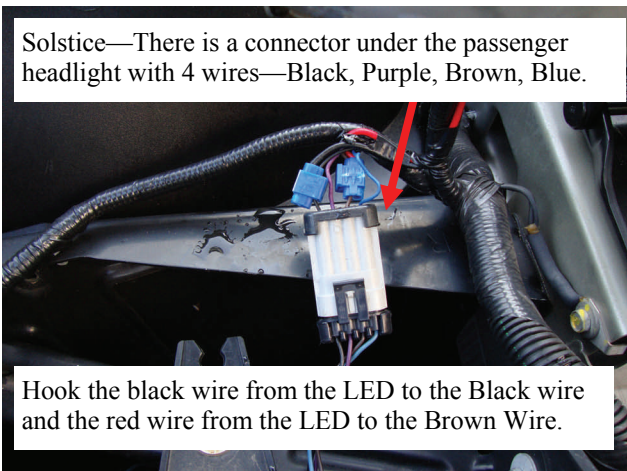
1. Start by opening the hood on the car.
2. Next, disconnect the negative battery cable from the battery.
3. Now being careful not to break them, remove the plastic push retainers that hold the under hood insulation to the hood. Remove enough of them on the passenger side of the hood to route the electrical wiring for the light down to the area under the passenger headlight. Remove the retainers on the passenger side of the engine bay using a small pair of needle nose pliers to get behind the retainers and pull on them. Make sure not to damage the under hood insulation when doing this.
4. Once the retainers are removed, hold the under hood light in place. The light will mount up along the top of the hood where the hood kicks up a little. There is a plastic retainer where the light will be installed. While holding the light, pay attention to where it will be installed, then put the light aside and use the supplied alcohol pad to clean the area where the light will be installed, making sure to get all of the dirt up.
5. Make sure the wire is routed behind the insulation at this point. Remove the backing of the adhesive pad on the light and line the hole in the light shroud up with the hole in the hood that the plastic retainer goes in. When those 2 holes are lined up, push the light all the way to the hood and then firmly press the light up at the same time so that the adhesive tape attaches to the hood.
6. Now re-insert the plastic retainer through the light shroud and into the hood and press in all the way.
7. Now we need to make the electrical connections for the light. The Solstice and Sky/OpelGT hook into different locations. The pictures below show where they hook to. There are 2 vampire style clips in the kit to help you make the connections to the wires. You may also solder them if you would like. This kit is designed to hook the lights to the running lights, so that anytime that the running lights are on the under hood lights will be on. You are welcome to hook them to any 12 volt power supply that you would like, just make sure that the polarity is hooked up correctly or damage to the lights could result. You can also hook the lights directly to the battery posts and install a small switch as an option (switch is not included in this kit)
8. Once the electrical connections have been made, go ahead and reconnect the negative battery cable on the battery. Turn on the running lights on your car and make sure the lights are working, once you have confirmed that they are working, go ahead and secure the rest of the hood insulation back in place using the plastic retainers that you removed earlier. There are also some zip ties you can use to help secure the wires up in place. Once secure you are done!



Removing the plastic retainers



Light Installed



Rev. 7-12-11 MJB