



AMERICAN CAR CRAFT INSTRUCTIONS

CAMARO ZL1 ENGINE SHROUD COVER

PART #103058



PARTS INCLUDED:

- 1-Stainless Engine Shroud
- 4-Large Zip Ties
- 8-1" Chrome Decorative Caps w/butyl putty
- 8-1/2" Washer Head Screws
- 8-Flat Nuts

Introduction: This new accessory has been designed to fit directly over the top of the factory plastic engine shroud and is not a replacement cover. In order to enjoy this new product you will need to rearrange the main water hoses so that they will be routed through the front of the engine over to the side of the engine. This procedure is very simple to do and will provide a much more esthetically pleasing look.

Liner Information: Your new accessories will come to you with a protective surface liner. Leave this liner in place until the installation is complete to prevent finger prints and or possible scratches during installation.

1. Remove the factory engine shroud by lifting it straight up and off the five mounting studs and pull it forward to release it. Set the factory shroud atop a work table for its new cover installation.
2. Before you can reinstall the engine shroud once you have installed the new cover onto it you will need to rearrange the two main water hoses. You will notice the two hoses are attached to the front of the engine via quick connect clips. Remove the retainer clips and detach the two hoses. Use a couple of squeeze clamps to seal the fluid from leaking out of the hoses and stop up the two opening at the engine. You will lose some fluid but generally not enough to be concerned with however you can certainly top off the water fluid if you like after the installation is complete.

3. With the hoses detached you will need to remove the large shrink wrap the factory has banded these hoses with in order to allow the hoses to be manipulated to their new location. You can simply and carefully slice the shrink tube with a scissor making sure not to nick any part of the water hoses. Once they are loose detach the hoses from the lower radiator retainers and remove those as well. Now that the hoses are free you should be able to route them under the main air filter tube. Since the hoses are extremely flexible and have a natural curve shape to them you will notice that upon their rerouting they will take to their new direction as if they were originally intended to route to this new position. Because of this fun fact you will be able to route the hoses back up to the ports and then reconnect. You have been supplied with a few zip ties. These will work perfectly to allow you to secure the hose from migrating too close to the engine pulleys or any other moving parts. Simply look at the hoses closely to determine the best location for the zip ties.
4. Now that the engine hoses are nice and secure at their new locations you can begin to install the engine shroud it. The new cover should simply slip over the factor cover. You will notice eight small holes, four at the top front and four at the two sides. Set the new cover so that it fits perfectly over the supercharged lettering and clamp it nice and snug using a couple of squeeze clamps on both sides. This will allow you to maintain its alignment so you can pilot all the small holes with a 9/64 drill bit. Once all the holes have been piloted secure the new cover with the eight ½” washer head style screws provided. Once all the screws have been install it is important to add the eight flat nuts provided to secure the cover from becoming loose due to engine heat and vibration. Simply set the flat nut onto the screw end under the cover and tighten again until snug.
5. Remove the protective liner from the entire cover. You have been provided with eight 1” chrome decorative screw covers that contain butyl putty. Simply peel the protective paper from the putty and firmly press the cap to each screw and then reinstall the engine shroud to finish the installation.