

C5 FULL ENGINE SHROUD PLENUM COVER

PART # C551-1 FITS 97-98 Models patent pending

PART # C551-2 FITS 99-04 Models patent pending

INSTALLATION INSTRUCTIONS

This is a little tricky installation. It requires two people. Please note this is a hand formed piece and may require some additional shaping by hand in order to achieve a nice snug fit. DO NOT be afraid to bend, push or force your shroud into position. CAUTION Use soft cloth gloves for installation. Edges of metal are very thin and may cause injury if installed without adequate hand protection. If you have purchased the alternator cover also, do not install it until this cover is installed first.

Parts Included: Chrome Bezel, 2 Chrome Oval Head Screws, 9/64 Drill Bit, 1 Long Black Washer Head Screw, Chrome Hose Cover or (Covers).

1. Remove the oil fill cap. Remove the center most screw type fastener on the wiper cowl just behind the firewall gasket above the engine. **YOUR NEW COVER COMES WITH A PROTECTIVE LINER DO NOT REMOVE AT THIS TIME!** On passenger side slightly pull oil dipstick away from engine. It will move easily about a ¼ to ½” . This will allow easy installation and removal. On drivers side slightly pull away exhaust valve (if so equipped) from engine about ½” . The metal tube is soft and will allow this adjustment to be done by hand. This step will also allow an easy fit.
2. A friend will be helpful in maneuvering your new cover into position. Standing on both sides of the vehicle start by sliding the driver side corner under the firewall gasket ridge while a friend holds up the passenger side.
3. Depending on the year of your corvette you will either have one or two stainless steel hoses protruding out of the driver side of the engine. This hose (or hoses) will be worked thru the slit (or slits) in your new cover by spreading the cover in opposite directions in order to create a large enough space to slide the hose (or hoses) thru. This will not damage the hose and must be done using some force.
4. Once the hose (or hoses) has been forced into place you can easily reshape your new cover so that the slit (or slits) line up with itself and the overall shape is restored.
5. Next work the new cover under the gasket ridge towards the passenger side and over the oil fill spout. Then position cover so that it fits over the engine somewhat snug.

6. You have been provided with a chrome bezel and two chrome oval head screws. Position the bezel over the oil spout evenly and mark the two hole locations at the right and left side. Then remove the bezel.
7. Using a 9/64-drill bit (provided), drill thru your new cover (at the marks you just made) and the underlying factory fuel rail cover. Place a piece of cardboard or rag over the oil inlet to collect drilling chips. Then drill thru the previously exposed hole in the wiper cowl (from step 1) into your new cover. Blow away any and all drill shavings carefully.
8. Now is the time to remove the protective liner from your new cover. For best results try not to touch the cover. (This can be done by holding the cover on the liner area with one hand as you pull the liner from the opposite side with the other hand). Once the cover is completely exposed reposition by lining up the hole at the wiper cowl with the newly drilled hole in your cover. (A scratch awl or ice pick will work great for this). Then using the long black washer head screw (provided) attach your cover. **BE CAREFUL NOT TO OVER TIGHTEN!** Then place the chrome bezel over the oil spout and line up the newly drilled holes in both the cover and the underlying factory fuel rail cover and attach using the two oval head screws (provided). Replace oil cap. **NOTE:** Oil cap will fit however it may be necessary to push the new cover in a downward motion to allow cap to twist into position.
9. Force the braided stainless hose (or hoses) in a downward motion so that it holds the cover in position and place the one (or two) chrome hose covers (provided) by removing the red liner tape and pressing in position to set. Congratulations you have completed the installation of your new cover!

Note: Care must be taken when cleaning your cover. It is a good idea to lightly dust your cover with a clean soft cloth first in order to prevent any particles from scratching it. Then wipe (using a new clean soft cloth) with a good quality streak free glass cleaner.

IF ANY QUESTIONS OCCUR DURING INSTALLATION PLEASE CONTACT AMERICAN CAR CRAFT AT 727-857-1151.

Thank You and Enjoy Your New Purchase.