AcoustiHOOD
Underhood Cover and Insulation Shield

1985-91 Corvette Hood

PN: CORV 8591-CUHC

Please Open and Inspect Your Packing Slip and Products Immediately!

This product was reproduced for the year, make and model of the vehicle you specified in your order. However, there may be some variations between models in any given year of manufacture. If you find that this product does not fit your vehicle exactly, contact us immediately.

Product Brand Identification

If you ordered an Under Hood Cover with a General Motors Company brand name and/or logo image----------you will find an Official Licensed Product label on the back of the panel.

GM OFFICIAL LICENSED PRODUCT 27-71212-54067

General Motors Company Trademarks and Trade Dress used under license to QuietRIDE Solutions LLC.

Products that have been modified can not be returned or exchanged.
No Returns or Refunds will be made after 90 Days.

Thank you for your order

This product was made with quality and pride by:

Name:_____Date:_____

16 Mounting Magnets & Washers

Kit Contents:
- Pre-Trimmed HeatShield Hood Insulation Panels
- Spray Adhesive (14 oz.)
- Roll Aluminum Foil Tape
- Hood Pins
- Rubber Glove
- Loctite 411

Keep Refrigerated Until Use

Materials Needed for Installation:
- TSP or household cleaner
- Masking Tape

Pre-requisites: Installation of any AcoustiShield product begins with preparation of the interior metal surfaces. All panels must:

- Be thoroughly cleaned, washed and painted (recommended). Over time, adhesive material will not stick to dusty, dirty, grimy, body panel surfaces.
- Be bone dry.
- Be sure that the temperature of metal surface is above 70 degrees.

Tech Tip: It is much easier to work on the hood right side up than upside down. Remove hood and lay out on a work bench or table--be sure to protect the paint surface with a soft blanket.

QRS TV

Watch our "How To" video on the Installation of a typical Under Hood Cover and Insulation

Go To:
www.quietride.com/qrs_tv.html

3183 Hwy 71 S, Mena, AR 71953
Phone: 209-942-4777 • FAX: 877-720-2360
E-mail: info@quietride.com • www.quietride.com
QuietRIDE Solutions™

©Quiet Ride Solutions All Rights Reserved

Using the MAGDADDY MAGNETIC FASTENERS Hood Cover Magnets

Corvette fiberglass hoods(1953-82) had little or no structural ribbing to accommodate traditional hood mounting pins. For this application, you use our exclusive MagDaddy Hood Cover Mounting Magnets.

Magnets on Fiberglass Hoods

Mag Step-1 Using the Under Hood Cover as a template, position the cover on to the hood. Locate and mark all mounting holes with a pencil.

Mag Step-2 Using the Loctite Adhesive, glue one metal flat washer on each of the mounting holes you marked on the hood.
Cure time is 24 hours.

Keep Refrigerated Until Use

Mag Step-3 Install the HeatShield insulation panel, lining it up around the washers.

Mag Step-4 Center the magnet on top of the washer--it will snap into position.

Mag Step-4 Reposition the cover. Insert the mounting pins through the holes in the cover starting with center mounting holes. Press the "tree" shank of the mounting pin through the center hole of the magnet securely.

A New Canvas
Painting the Under Hood Cover

Chrome in the engine bay was just the beginning!

The AcoustiHOOD is potentially a new "canvas" for the creative juices of the restomoder or custom car builder. The stock or custom 3-D images that can be molded into the high temp ABS material are a great beginning. You can take it to the next level with "color" to match or actuentiate the compoments of your engine compartment.

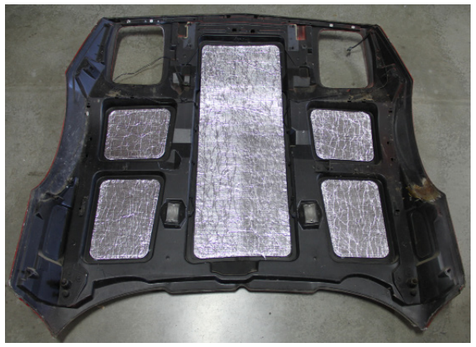
Below are some tips we have learned about painting a under hood cover:

- Airbrush painting and a fresh roll of painters tape is the best process for applying paint.
- Prepare the ABS surface like you would any other automotive body panel before painting.
- Clean and prep the entire under hood cover.
- Carefully mask the inner and outer edges of the image to be painted.
- Use quality automotive paint.
- For brighter, truer colors, white base-coat the areas that will receive a color coat.
- Clear coat the entire under hood cover. This will seal the panel and make cleaning easierin the future without damaging you paint.
- Clean the cover with mild soap and water.
- Never use alcohol or ethanol based cleaners.

AcoustiSHIELD®
Roof to Road Solutions to Control Automotive Noise, Vibration and Heat

Pre-Cut, Ready-to-Install Thermal Acoustic Insulation Kits for 1.300 Cars & Trucks

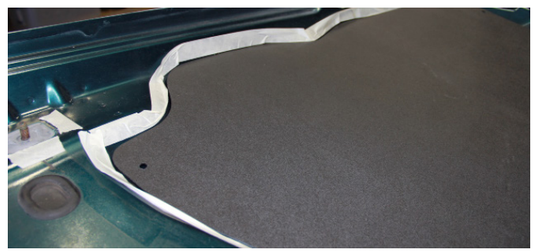
Pre-Installation of the Under Hood Cover Components



Set Up Step-1 Open the package of Heat-Shield insulation panels and lay them into position.

Set Up Step-2 Pre-Install the ABS Under Hood Cover into position lining up the mounting holes in the cover with the mounting holes in the hood.

Set Up Step-3 Mask out the edge of the Under Hood Cover by placing strips of masking tape around the perimeter of the cover to protect the edge of the hood from over spray adhesive. Be sure to keep the aluminum seam tape below this edge so that it does not show when finished.



Installing the HeatShield Hood Insulation Panels

HS Step-1 Spray the fiber side of the Heat-Shield with two light coats of contact spray adhesive.

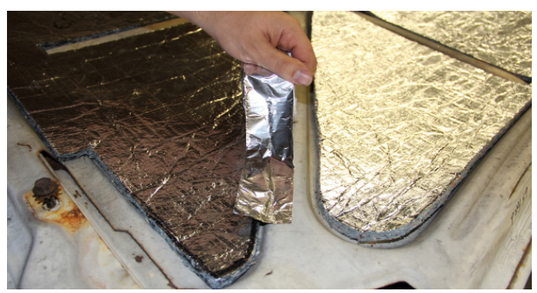
HS Step-2 Spray the corresponding section of the hood with two light coats of contact spray adhesive.

HS Step-3 Let both surfaces "tack" dry to touch.

HS Step-4 Lightly position the HeatShield panel between the ribs of the hood braces. When you have the panel "centered," press it into position with hand pressure across the entire surface.

HS Step-5 Repeat the installation of the other HeatShield insulation panels.

HS Step-6 Seal the edges of the HeatShield panels with the seam tap by overlapping the edge of the insulation and the hood rib as illustrated.



Install the seam tape around the edge of each of the insulation panels--over lapping the tape on to the rib of the hood.

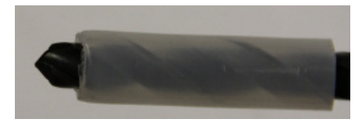
Installing the ABS Under Hood Cover 1985-91 Corvette

UHC Step-1 Lay the hood cover into position, lining up the mounting holes in the cover with the mounting holes in the hood.

UHC Step-2 Insert the mounting pins starting with center mounting holes and work toward the outside edges of the hood panel.

Snap the mounting pins through the cover into the hood mounting holes with hand pressure.

White Plastic Sleeve



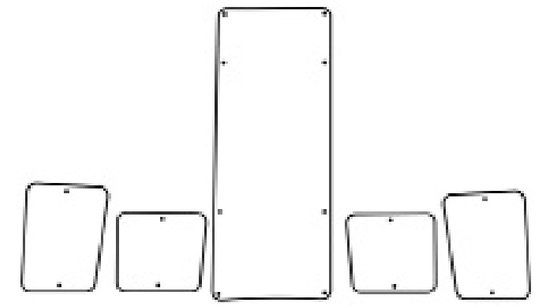
UHC Step-3 You may need to slightly adjust some of the mounting holes to make the hood panel lay flat.

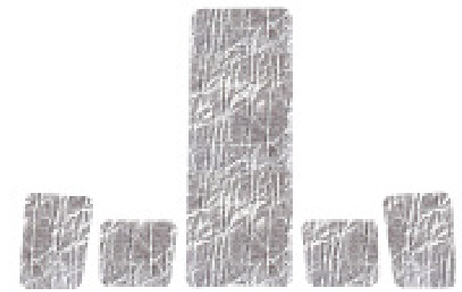
Slip the white plastic drill sleeve over your 1/4 inch drill bit. <u>The drill sleeve will prevent you from damaging the top surface of the hood.</u> Leave about 3/8 inch of drill tip exposed

Insert the drill bit through the ABS plastic into the mounting hole of the hood at a slight angle and gently ream out the plastic by bringing the drill into a perpendicular position to the hood.

Be careful-- you only need to use the tip of the drill and remember--<u>you are not drilling a hole</u>--you are "**side reaming**" the soft edge of the ABS cover material.

Insert the Center Mounting pins first and work to the outside edges.





Side Reaming a Mounting Hole

Product Disclaimer

•The high temp ABS material will regularly tolerate temperatures up to 250 degrees.
•Air flow is the important factor in heat dissipation.
•Be certain to maintain at least one inch (or more) of clearance between the surface of the under hood cover and engine components like air cleaner covers.

QuietRide Solutions will not be responsible for improperly installed under hood covers.