# AcoustiHOOD

**Underhood Cover and Insulation Shield**

1981-91 Chevrolet/GMC Trucks

**PN:** CHEVBLZ 8191-TUHC

**21 Mounting Pins**





**Kit Contents:**
- Pre-Trimmed HeatShield Hood Insulation Panels
- Spray Adhesive (14 oz.)
- Roll Aluminum Foil Tape
- White Drill Sleeve
- Center Punch Nail
- Hood Pins

**Materials Needed for Installation:**
- TSP or household cleaner
- Masking Tape
- Power Drill
- 1/4" metal drill bit

**Prerequisites:** 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.

**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 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:_____

**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

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# How to Drill Hood Cover Mounting Holes for Hood Pins

Many of the cars and trucks in the early years (1948-70) had no hood pad insulation or the insulation was glued to the under side of the hood. Your hood may require the drilling of hood cover mounting holes.

**Drill Step-1** Using the Under Hood Cover as a template, position the cover on to the hood. Locate and mark with a pencil all the new mounting holes that will need to be drilled.



**Drill Step-2** With the center punch (nail provided) Gently tap a center punch mark so that the drill will not "walk" around the hole location.



**Drill Step-3** Slip the white plastic drill sleeve (included) over your 1/4 inch drill bit. The drill sleeve will prevent you from damaging the top surface of the hood. Leave about 3/8 inch of drill tip exposed

White Plastic Sleeve



**Drill Step-4** Drill the mounting holes that are required.

**Drill Step-5** Reposition of the cover Insert the mounting pins starting with center mounting holes and work toward the outside edges of the hood panel.



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**

**It takes Two insulation materials to do the Job right!**

AcoustiSHIELD a multi-stage, automotive insulation and sound damping system to give the passenger cabin of older cars and trucks the "quiet riding comfort" found in today's new cars.

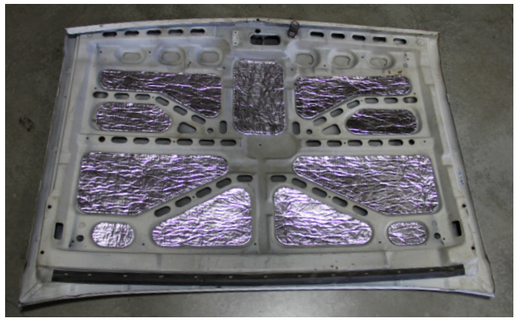
AcoustiSHIELD kits are designed with "state-of-the-art" thermal acoustic automotive technology, to insulate and control the noise, vibration and heat in the passenger cabin.

AcoustiSHIELD:
- Reduces Road Noise
- Reduces Exhaust Harmonics
- Eliminates Mechanical Noise
- Stops Body Panel Vibration
- Reduces Radiated & Reflected Heat
- Stops Audio System Vibration

QuietRIDE products create an "Acoustic Envelop" inside the Vehicle--from the firewall to the tail lights.

STOP Noise STOP Vibration STOP Heat

# Pre-Installation of the Under Hood Cover Components

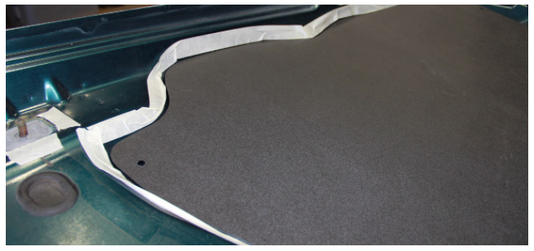




Set Up Step-1 Open the package of Heat-Shield insulation panels and lay them into position.

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.

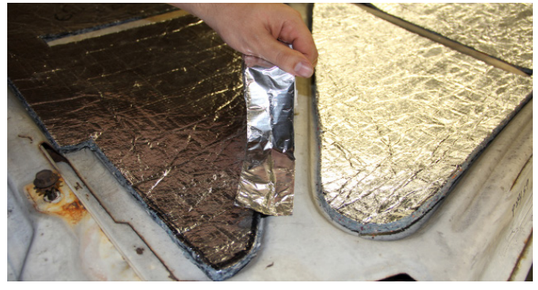
**HS Step-2** Spray the corresponding section of the hood with two light coats of contact spray adhesive.

**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.



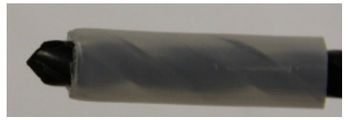
# Installing the ABS Under Hood Covers

**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



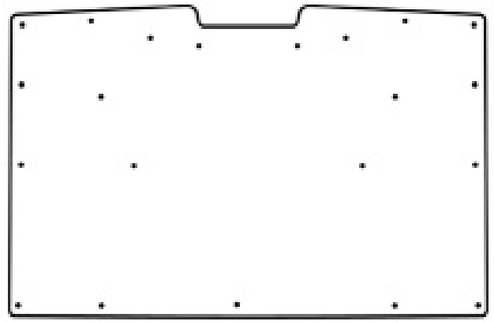
**UHC Step-3** You may need to slightly adjust some of the mounting holes to make the hood panel lay flat.

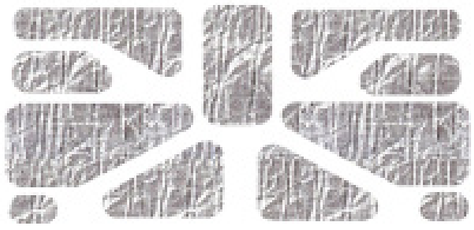
Slip the white plastic drill sleeve over your 1/4 inch drill bit. <u>The drill sleeve will prevent you from damaging the top surface of the hood.</u> Leave about 3/8 inch of drill tip exposed

Insert the drill bit through the ABS plastic into the 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.

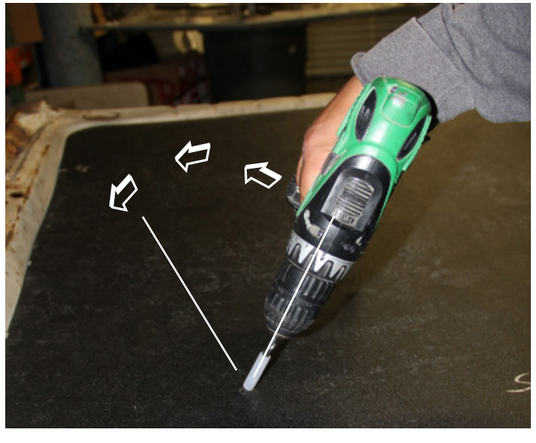
Be careful-- you only need to use the tip of the drill and remember--<u>you are not drilling a hole</u>--you are "**side reaming**" the soft edge of the ABS cover material.

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.**