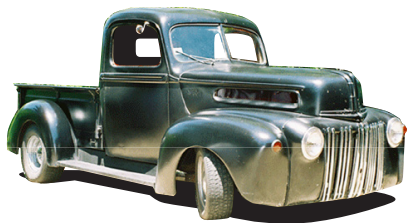


# Ford Truck **AcoustiSHIELD™**

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

## 1940-47 Ford Truck Floor Kit Installation

P/N: FORD 4047-TFK



The materials in this kit are designed on State-of-the-Art, “multiple-stage” automotive acoustic principles which bonds layers of insulation material to the vehicle body panels to control mechanical and environmental noise, vibration, and heat.

### Kit Contents:

- Sound Deadener Pads
- Pre-Trimmed Heat Absorber/Barrier Panels
- Spray Adhesive(14 oz.)
- Roll Aluminum Foil Tape

### Tools Needed for Installation:

- Sharp knife and scissors
- Wallpaper seam roller
- Felt tip marker

**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.

Study the illustrations provided on the back of this installation guide, comparing them to the floor of your car. You should easily be able to locate where to apply the damper pads.

### Installation Procedures:

#### 1. Applying the Damper Pads and Strips

Sweep any debris off the floor pan and layout the Sound Damper Pads and Strips according to **Diagram A-1**. When you are satisfied that all the damper pads and strips are in their correct location, remove the protective film from each pad, exposing the self-adhesive surface, and “lightly tack” the pad in place.

Using the wallpaper seam roller, “pressure roll” the Damper pads or strips to the metal skin of the floor, removing all air gaps so that the adhesive backing firmly grips the metal. Work the roller across the damper material from the center toward the edge.

#### 2. Applying the Heat Absorber/Barrier

**Diagram B-1** illustrates the approximate size and shape of the pre-trimmed, ready-to-install Heat Absorber/Barrier panels and the location they will be installed in the floor pan. Lay the panels into the floor pan, aluminum side facing up, smoothing the material out as you go. Make sure that the edges “butt” tightly against each other. Some “nipping” of the edges with the scissors may be required. Using the marking pen, trace the edges of the panels on the floor pan for guide lines when you begin the gluing process. Spray glue the fibrous side of a absorber panel and set it aside to dry. Spray glue the corresponding section of the floor to which this panel will be applied.

**Thank you for your order**

This product was made with quality and pride by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_



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# Sound Damper Material Installation

Diagram A-1

## 9 Sound Damper Pads and Strips

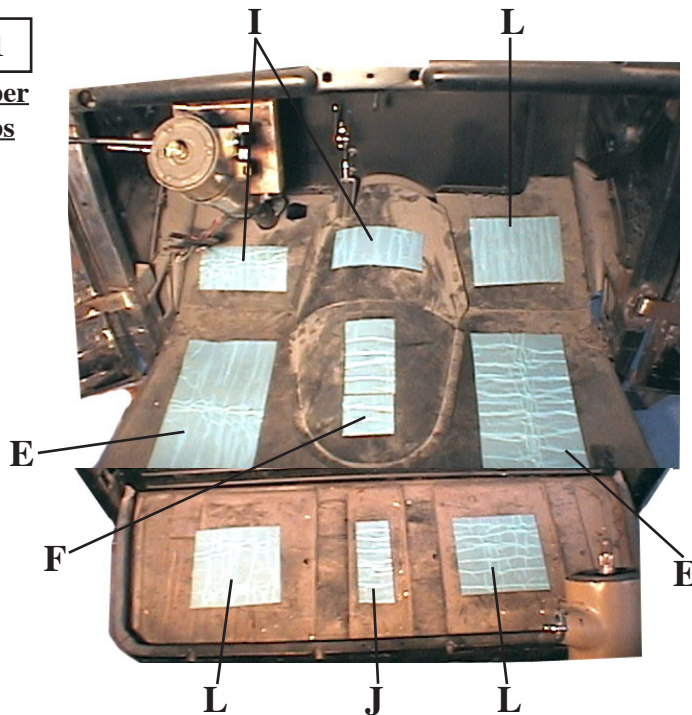
E -- 2

L -- 3

I -- 2

F -- 1

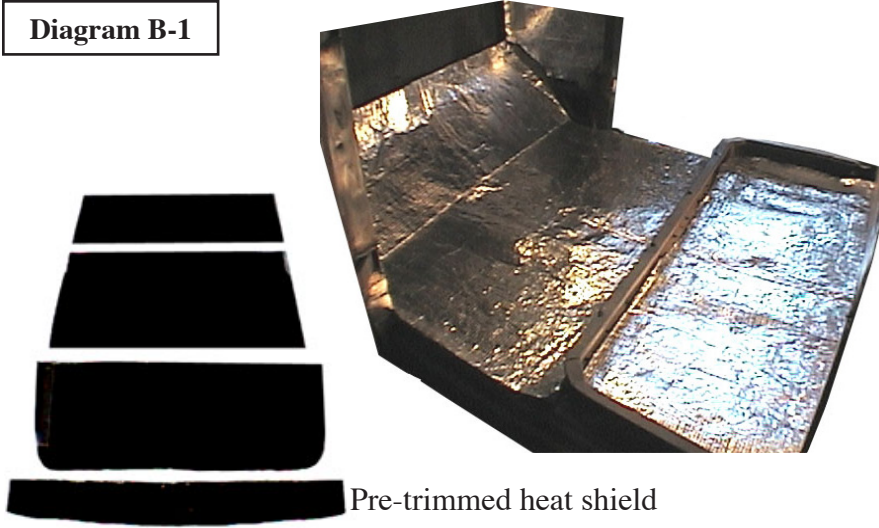
J -- 1



When you are satisfied with the arrangement of damper pads and strips, pressure roll them on to the metal surface with a wallpaper seam roller as illustrated.

# Heat Absorber/Barrier Installation

Diagram B-1



Install the aluminum tape to cover and seal all seams and edges of the separate panels. Also tape around the perimeter edges of the floor.

**Now STOP and let everything dry--this is the key to permanent adhesion. When the glued surface is "dry to touch" it is ready to be installed.**

Following the guide lines you marked on the floor pan, place the absorber panel into position, and "lightly" tack it in place. When you are satisfied with the way the panel lays in place, permanently adhere it to the floor by applying hand pressure to material, smoothing it as you go.

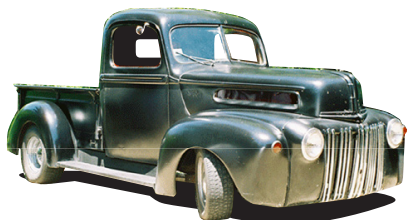
Complete the installation process for all of the absorber panels. The final step is to apply the aluminum tape to all seams and edges of the material. Measure out a length of tape and peel back a few inches the protective film, exposing the self-adhesive backing. Overlap the seams and edges evenly and apply hand pressure along the entire length of the tape to seal it against the heat absorber/barrier material and the floor pan.

# Ford Truck **AcoustiSHIELD™**

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

## 1940-47 Ford Truck Roof Kit Installation

P/N: FORD 4047-TRK



The materials in this kit are designed on State-of-the-Art, “multiple-stage” automotive acoustic principles which bonds layers of insulation material to the vehicle body panels to control mechanical and environmental noise, vibration, and heat.

### Kit Contents:

- Sound Deadener Pads
- Pre-Trimmed Heat Absorber/Barrier Panels
- Spray Adhesive(14 oz.)
- Roll Aluminum Foil Tape

### Tools Needed for Installation:

- Sharp knife and scissors
- Wallpaper seam roller
- Felt tip marker

**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.

Study the illustrations provided on the back of this installation guide, comparing them to the roof of your car. You should easily be able to locate where to apply the damper pads.

### Installation Procedures:

#### 1. Applying the Damper Pads and Strips

Sweep any debris off the roof and layout the Sound Damper Pads and Strips according to **Diagram A-1**. When you are satisfied that all the damper pads and strips are in their correct location, remove the protective film from each pad, exposing the self-adhesive surface, and “lightly tack” the pad in place.

Using the wallpaper seam roller, “pressure roll” the Damper pads or strips to the metal skin of the roof, removing all air gaps so that the adhesive backing firmly grips the metal. Work the roller across the damper material from the center toward the edge.

#### 2. Applying the Heat Absorber/Barrier

**Diagram B-1** illustrates the approximate size and shape of the pre-trimmed, ready-to-install Heat Absorber/Barrier panels and the location they will be installed in the roof. Lay the panels into the roof, aluminum side facing up, smoothing the material out as you go. Make sure that the edges “butt” tightly against each other. Some “nipping” of the edges with the scissors may be required. Using the marking pen, trace the edges of the panels on the roof for guide lines when you begin the gluing process. Spray glue to the fibrous side of a absorber panel and set it aside to dry. Spray glue to the corresponding section of the roof to which this panel will be applied.

**Thank you for your order**

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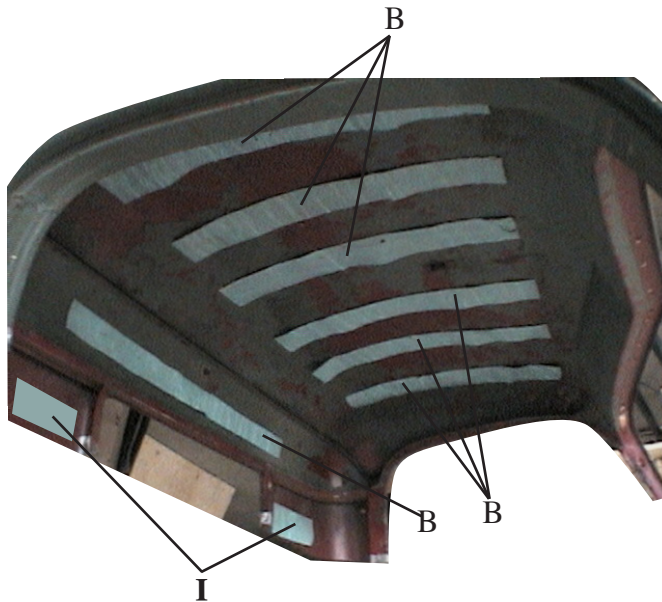
# Sound Damper Material Installation

Diagram A-1

## 9 Sound Damper Pads and Strips

B -- 7

I -- 2



When you are satisfied with the arrangement of damper pads and strips, pressure roll them on to the metal surface with a wallpaper seam roller as illustrated.

# Heat Absorber/Barrier Installation

Diagram B-1

Pre-trimmed heat shield



Install the aluminum tape to cover and seal all seams and edges of the separate panels. Also tape around the perimeter edges of the roof.

**Now STOP and let everything dry--this is the key to permanent adhesion. When the glued surface is "dry to touch" it is ready to be installed.**

Following the guide lines you marked on the roof, place the absorber panel into position, and "lightly" tack it in place. When you are satisfied with the way the panel lays in place, permanently adhere it to the roof by applying hand pressure to material, smoothing it as you go.

Complete the installation process for all of the absorber panels.

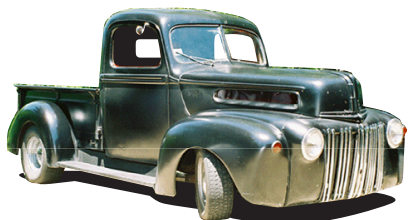
The final step is to apply the aluminum tape to all seams and edges of the material. Measure out a length of tape and peel back a few inches the protective film, exposing the self-adhesive backing. Overlap the seams and edges evenly and apply hand pressure along the entire length of the tape to seal it against the heat absorber/barrier material and the roof.

# Ford Truck **AcoustiSHIELD™**

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

## 1940-47 Ford Truck Rear Cab Kit Installation

P/N: FORD 4047-TRCK



The materials in this kit are designed on State-of-the-Art, “multiple-stage” automotive acoustic principles which bonds layers of insulation material to the vehicle body panels to control mechanical and environmental noise, vibration, and heat.

### Kit Contents:

- Sound Deadener Pads
- Pre-Trimmed Heat Absorber/Barrier Panels
- Spray Adhesive(14 oz.)
- Roll Aluminum Foil Tape

### Tools Needed for Installation:

- Sharp knife and scissors
- Wallpaper seam roller
- Felt tip marker

**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.

Study the illustrations provided on the back of this installation guide, comparing them to the rear cab of your car. You should easily be able to locate where to apply the damper pads.

### Installation Procedures:

#### 1. Applying the Damper Pads and Strips

Sweep any debris off the rear cab pan and layout the Sound Damper Pads and Strips according to **Diagram A-1**. When you are satisfied that all the damper pads and strips are in their correct location, remove the protective film from each pad, exposing the self-adhesive surface, and “lightly tack” the pad in place.

Using the wallpaper seam roller, “pressure roll” the Damper pads or strips to the metal skin of the rear cab, removing all air gaps so that the adhesive backing firmly grips the metal. Work the roller across the damper material from the center toward the edge.

#### 2. Applying the Heat Absorber/Barrier

**Diagram B-1** illustrates the approximate size and shape of the pre-trimmed, ready-to-install Heat Absorber/Barrier panels and the location they will be installed in the rear cab. Lay the panels into the rear cab, aluminum side facing up, smoothing the material out as you go. Make sure that the edges “butt” tightly against each other. Some “nipping” of the edges with the scissors may be required. Using the marking pen, trace the edges of the panels on the rear cab for guide lines when you begin the gluing process. Spray glue to the fibrous side of a absorber panel and set it aside to dry. Spray glue to the corresponding section of the rear cab to which this panel will be applied.

**Thank you for your order**

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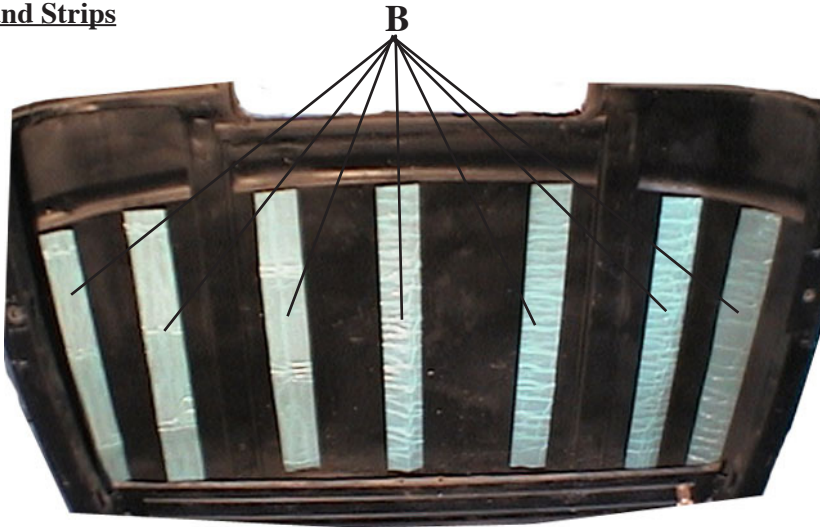
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# Sound Damper Material Installation

Diagram A-1

## 7 Sound Damper Pads and Strips

B -- 7



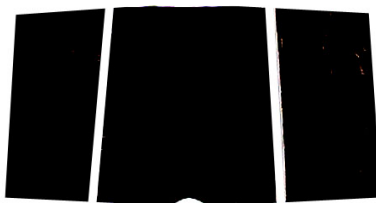
When you are satisfied with the arrangement of damper pads and strips, pressure roll them on to the metal surface with a wallpaper seam roller as illustrated.

# Heat Absorber/Barrier Installation

Diagram B-1



Install the aluminum tape to cover and seal all seams and edges of the separate panels. Also tape around the perimeter edges of the rear cab.



Pre-trimmed heat shield

**Now STOP and let everything dry--this is the key to permanent adhesion. When the glued surface is "dry to touch" it is ready to be installed.**

Following the guide lines you marked on the rear cab, place the absorber panel into position, and "lightly" tack it in place. When you are satisfied with the way the panel lays in place, permanently adhere it to the rear cab by applying hand pressure to material, smoothing it as you go.

Complete the installation process for all of the absorber panels.

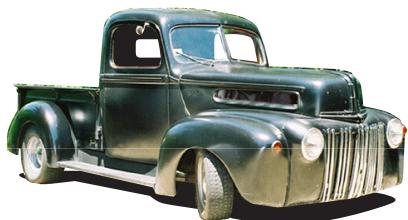
The final step is to apply the aluminum tape to all seams and edges of the material. Measure out a length of tape and peel back a few inches the protective film, exposing the self-adhesive backing. Overlap the seams and edges evenly and apply hand pressure along the entire length of the tape to seal it against the heat absorber/barrier material and the rear cab.

# Ford Truck **AcoustiSHIELD™**

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

## 1940-47 Ford Truck Cowl Kit Installation

P/N: FORD 4047-TCK



The materials in this kit are designed on a “two-stage” acoustic principal which bonds multiple layers of state -of-the art automotive insulation material to the body panels to minimize mechanical and environmental noise, heat, and vibration.

### Kit Contents:

- Pre-Trimmed Heat Absorber/Barrier Panels
- Spray Adhesive (14 oz.)
- Roll Aluminum Foil Tape

### Tools Needed for Installation:

- Sharp knife and scissors
- Wallpaper seam roller
- Felt tip marker

**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.

Study the illustrations provided on the back of this installation guide, comparing them to the cowl of your car. You should easily be able to locate where to apply the damper pads.

### Installation Procedures:

#### Applying the Heat Absorber/Barrier

**Diagram A-1** illustrates the approximate size and shape of the pre-trimmed, ready-to-install Cowl Absorber/Barrier Panels and the location they will be installed in the upper cowl under the dash and the side cowls in front of each door. Lay the panels on a flat surface, aluminum side facing up, smoothing the material out as you go. Turn the absorber material over, fibrous side up, and place into position. Some “nipping” of the edges with the scissors may be required. Spray glue to the fibrous side of the absorber panels and set aside to dry. Spray glue to the corresponding section of the cowl to which this panel will be applied.

**Now STOP and let everything dry--this is the key to permanent adhesion. When the glued surface is “dry to touch” it is ready to be installed .**

Place the absorber panel into position, and “lightly” tack it in place. When you are satisfied with the way the panel lays in place, permanently adhere it to the cowl by applying hand pressure to material, smoothing it as you go.

The final step is to apply the aluminum tape to all seams and edges of the material. Measure out a length of tape and peel back a few inches the protective film, exposing the self-adhesive backing. Overlap the seams and edges evenly and apply hand pressure along the entire length of the tape to seal it against the heat absorber/barrier material and the cowl structure.

**Thank you for your order**

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# Heat Absorber/Barrier Installation

Diagram A-1

Pre-trimmed heat shield



Cowl Absorber Panel ready to tape.



Install the aluminum tape to cover and seal all seams and edges of the separate panels. Also tape around the perimeter edges of the completed installation.



**Roof to Road Solutions to Control Automotive Noise, Vibration and Heat**

## Door Skin Damper Kit

### Two Door AS-DSD

#### **Product Description:**

The flat panels of a typical car or truck door are a major source of high-end noise and vibration. An effective acoustic treatment must keep corrosion prevention a priority. The material recommended does not absorb water.

*Fits Cars and Trucks*

#### **Kit Contents:**

- 6-Strips of Self-Adhesive Sound Damper 2" X 24"

#### **Tools Needed for Installation:**

- Sharp knife or scissors
- Tape measure
- Felt tip pen
- Wallpaper seam roller

**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.
- The temperature of the metal surfaces should be above 70 degrees.

#### **Installation Procedures:**

Start the installation process by analyzing the vehicle's door skin. Tap it with your knuckle to see how much noise it makes. Note the differences between areas that are flat in the middle of the door panel and those areas that are curved or structurally reinforced around the edges of the door.

You will find that the areas which have a compound curve rolled into the steel produce less noise than areas that are more flat. It is these areas that

need the Door Skin Damper Strips.

As illustrated, three adhesive strips should be applied evenly spaced across the door panel skin (three strips per door). You can apply these strips by "eye-balling" or do simple math calculations, laying outguide lines to to assist in evenly distributing the Damper Strips across the door panel. Strips can beplaced horizontally, or vertically on the door skin.

**Note: If the door panel has a steel support structure, making it difficult to install the strips, cut the strips into smaller pads and place them randomly as best you can.**

Using the layout plan, peel back the protective film on one end of a Damper Strip and starting two inches from the edge of the door edge, "tack" the end of the Damper Strip with finger pressure as you pull back the protective film.

Repeat the process with the other Damper Strips or pads following the layout plan until all of the strips in place. At this point, you can still lift the damper material and move it as desired.

"Pressure roll" the Damper Strips to the metal skin of the door so that all air gaps are removed ensuring that the adhesive backing firmly grips the metal skin.

The best tool for this part of the job is a wallpaper seam roller because it easily rolls in narrow paths and you can apply hard pressure with your arm muscles. Work the seam roller along the Damper Strip from the center toward each end.

Door  
Damper Kit

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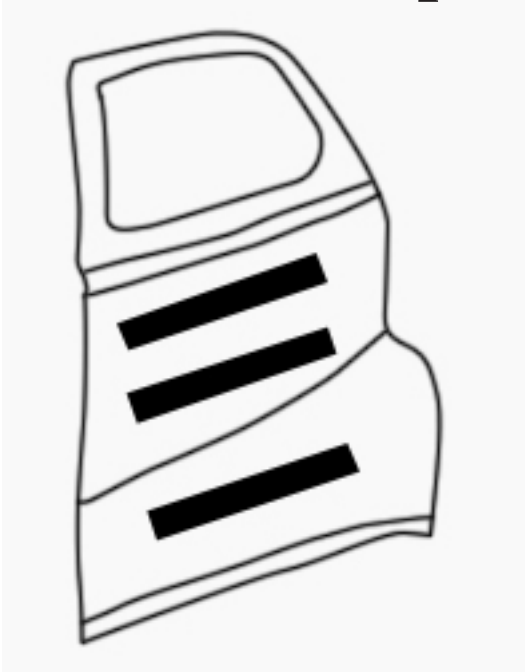


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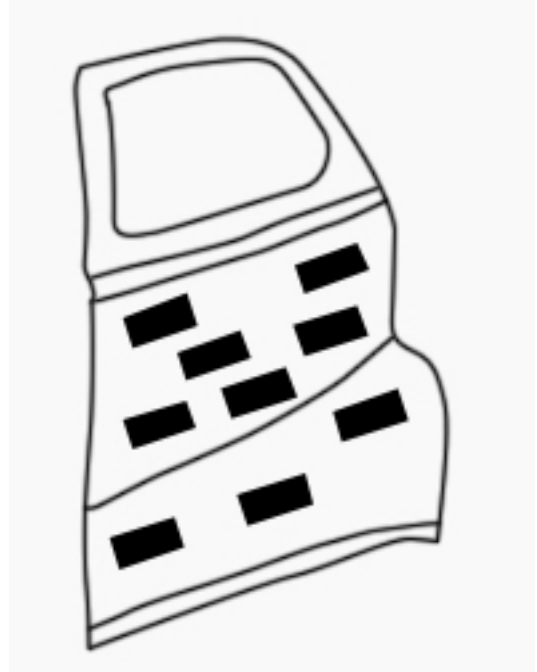
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# Door Skin Damper Placement Illustrations



**Placement of Door Skin Damper Strips on Cars and Trucks where access to the door skin is not limited by the internal door structure.**



**Placement of Door Skin Damper Pads on Cars and Trucks where access to the door skin is limited by the internal door structure.**

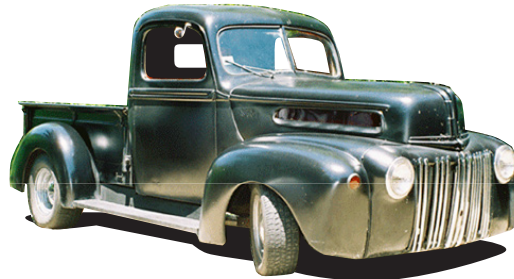


**When you are satisfied with the arrangement of the Damper Pads or Strips, pressure roll them to the metal surface with a wallpaper seam roller, as illustrated.**

(Box Label)

Ford Truck  
**AcoustiSHIELD™**  
Roof to Road Solutions to Control Automotive Noise, Vibration and Heat

## This is a Complete Truck Insulation Kit



### 1940-47 Ford Truck Part # FORD 4047-TAK

Packaged within this box are the following individual component kits:

- Cowl Insulation Kit
- Floor Insulation Kit
- Roof Insulation Kit
- Rear Cab Insulation Kit
- Door Insulation Kit
- Damper Roller Tool

Customer/Installer: Please inspect and report any problems within 30 days of delivery.



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# Headliner Installation 1940-47 Ford Trucks



**Kit Includes:**  
**ABS Molded Headliner**  
**ABS Rear Quarter Panels**  
**ABS Window Belt**

**Tools Needed:**  
**Electric Drill and 1/8th" metal drill bit**  
**Screw Driver**  
**Duct Tape or Masking Tape**  
**One Helper**

**Preparation:** The metal interior surface of the cab should be clean and free of dirt, grime, rust, oils, etc. Ideally, it would be prime coat finished. Original metal headliner/door trim retaining strips should be painted and ready to install. Working temperature should be above 65 degrees.

## Headliner Insulation:

The older Ford trucks had little or no insulation or sound dampening materials when they were manufactured. We recommend insulating the cabin roof and rear quarters to reduce the noise and heat/cold emanating from these large metal panels. Our AcoustiSHIELD roof insulation kit for the 1940-47 Ford trucks is pre-cut and ready-to-install.

## Getting Started:

**Step 1**—Temporarily install the rear window garnish moulding and loosely secure it in place with a couple of screws.

**Step 2**—Position the molded **ABS Headliner** in the cab starting at the windshield by slipping the front lip of the headliner under the lip of the windshield header moulding. Raise the rear of the headliner into position and rest the rear edge of the headliner

behind the window garnish molding. Use light hand pressure on the headliner, taking care not to crease the material. Center the headliner from side to side so that the gap between the headliner and the tack strip over the doors is equal on both sides. You may have to lower the rear of the headliner and reposition several times until you are satisfied with the fit.

**Tip:** Use six inch strips of masking tape or duct tape (center of each door header) to hold the headliner in place, if necessary, so you can step back and walk around the truck and check its position from several angles.

**Step 3**—Place the Metal Headliner Retaining Strips into position, covering the edge of the headliner. (Some restorers also place a windlace under this retaining strip to finish the edge) and insert the original metal screws. Check for fit.

**Step 4**—Position the **Rear Quarter Panels** between the door and the rear window and check for fit. These ABS panels are stiff and can be given a vertical “bow” by warming them slightly and bending. Slight trimming may be needed, and you will need to drill holes for the retaining screws (1/8”).

**Step 5**— Position the **Window Belt Trim Panel** under the rear window. Slight trimming may be needed, and you will need to drill holes for the retaining screws (1/8”).

**Step 6**—Install a headliner retaining screw in the center of the cab support.

## AcoustiSHIELD

**Roof to Road Solutions**  
**to Control Automotive Noise, Vibration and Heat**

Check out our website for automotive acoustic information and products to sound deaden and insulate the doors, floor, firewall and rear cab of your truck , to give you quiet riding comfort.



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