Ford Truck AcoustiSHIELD

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

1992-96 Ford Truck Extended Cab Rear Cab Kit Installation



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:
AcoustiShield Damper Pads
Pre-Trimmed Heat Shield Insulation Patterns
Spray Adhesive
Roll Aluminum Foil Tape

Tools Needed for Installation:
-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 and grimy 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 body panel of your car. You should easily be able to locate where to apply the damper pads.

Installation Procedures:

1. Applying the AcoustiShield Damper Pads and Strips

Clean any debris off the rear cab panels 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 panel, 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 Shield Insulation Patterns

Diagram B-1 illustrates the approximates size and shape of the pre-trimmed, ready-to-install Heat Shield patterns and the location they will be installed on the rear cab panels. Position the pattens into the rear cab panel, aluminum side facing into the interior of the vehicle, smoothing the material out as you go. Make sure that the edges of the paterns "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 patterns on the rear cab panel for guide lines to assist you when you begin the gluing process. Spray glue the fibrous side of a Heat Shield pattern. Spray glue the corresponding section of the rear cab panel to which this patterns will be applied.

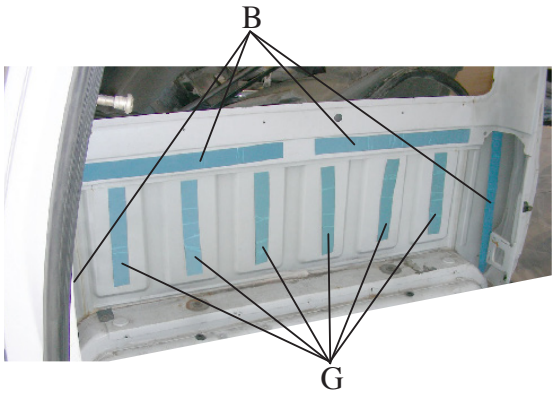
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AcoustiShield Damper Pad Installation

Diagram A-1

10 Sound Damper Pads and Strips
B --- 4
G --- 6





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 Shield Insulation Pattern 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 completed installation.



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 panel, place the Heat Shield Insulation pattern 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 panel by applying hand pressure to material, smoothing it as you go. Complete the installation process for all of the Heat Shield Insulation patterns.

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 of 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 Shield material and the rear cab panel.

Ford Truck AcoustiSHIELD

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

1992-96 Ford Truck Extended Cab Floor Kit Installation



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:
AcoustiShield Damper Pads
Pre-Trimmed Heat Shield Insulation Patterns
Spray Adhesive
Roll Aluminum Foil Tape

Tools Needed for Installation:
-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 and grimy 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 AcoustiShield Damper Pads and Strips

Clean any debris off the floor panels 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 panel, 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 Shield Insulation Patterns

Diagram B-1 illustrates the approximates size and shape of the pre-trimmed, ready-to-install Heat Shield patterns and the location they will be installed on the floor panels. Position the pattens into the floor panel, aluminum side facing into the interior of the vehicle, smoothing the material out as you go. Make sure that the edges of the paterns "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 patterns on the floor panel for guide lines to assist you when you begin the gluing process. Spray glue the fibrous side of a Heat Shield pattern. Spray glue the corresponding section of the floor panel to which this patterns will be applied.

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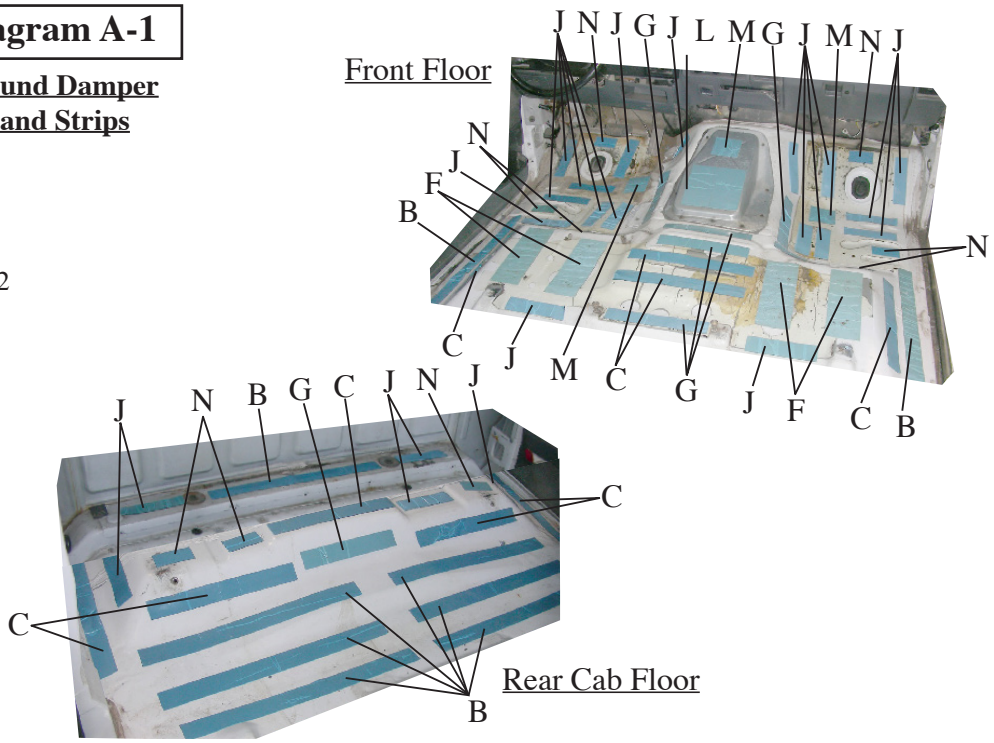
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AcoustiShield Damper Pad Installation

Diagram A-1

64 Sound Damper Pads and Strips

B -- 9
C -- 9
F -- 4
G -- 6
J --- 22
L -- 1
M - 3
N - 9

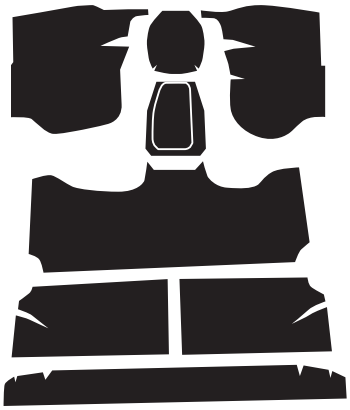




When you are satisfied with the arrangement of damper pads and strips, pressure roll them on to the metal surface with a wallpaper seam roller as illustrated.

Heat Shield Insulation Pattern 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 completed installation.

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 panel, place the Heat Shield Insulation pattern 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 panel by applying hand pressure to material, smoothing it as you go. Complete the installation process for all of the Heat Shield Insulation patterns.

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 of 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 Shield material and the floor panel.

Ford Truck AcoustiSHIELD

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

1992-96 Ford Truck Extended Cab Cowl Kit Installation



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
1-Spray Adhesive (14 oz.)
1-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 body panel 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 approximates size and shape of the pre-trimmed, ready-to-install Cowl Absorber/Barrier Panels and the location they will be installed in 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, fiberous side up, and place into position. Some "nipping" of the edges with the scissors may be required. Spray glue the fibrous side of the absorber panels and set aside to dry. Spray glue 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.

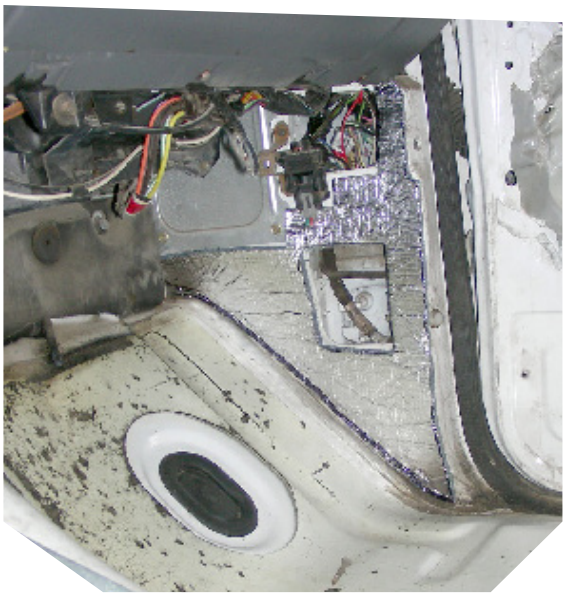
The final step is to apply the aluminum tape to all seams and edges of the material. Measure out a length of tape and peel back a few inches the protective film, exposing the self-adhesive backing. Overlap the seams and edges evenly and apply hand pressure along the entire length of the tape to seal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

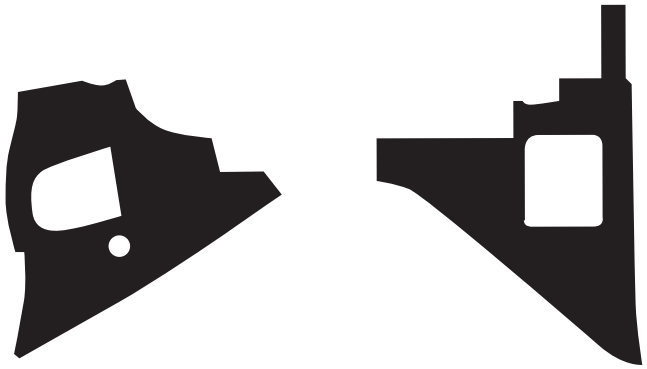
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Heat Shield Insulation Pattern Installation

Diagram A-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 completed installation.

Ford Truck

AcoustiSHIELD

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

1992-96 Ford Truck Extended Cab Roof Kit Installation



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 Damper Pads
Pre-Trimmed Heat Absorber/Barrier Panels
1-Spray Adhesive(14 oz.)
1-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 and grimy 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 approximates 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 the fibrous side of a absorber panel and set it aside to dry. Spray glue the corresponding section of the roof to which this panel will be applied.

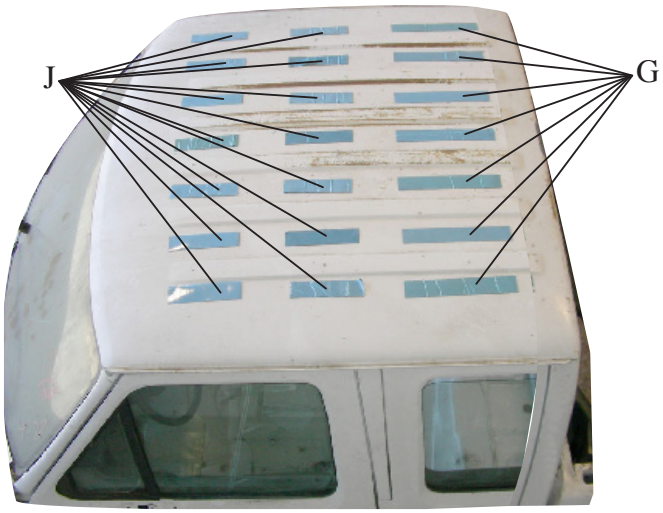
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AcoustiShield Damper Pad Installation

Diagram A-1

21 Sound Damper Pads and Strips
G -- 7
J --- 14





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 Shield Insulation Pattern 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 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.

AcoustiSHIELD™

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

Door Skin Damper Kit
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 absorbe water.

Fits Cars and Trucks

Kit Contents:
6-Strips of Self-Adhesive Sound Damper 3" 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 and grimy 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 then 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.

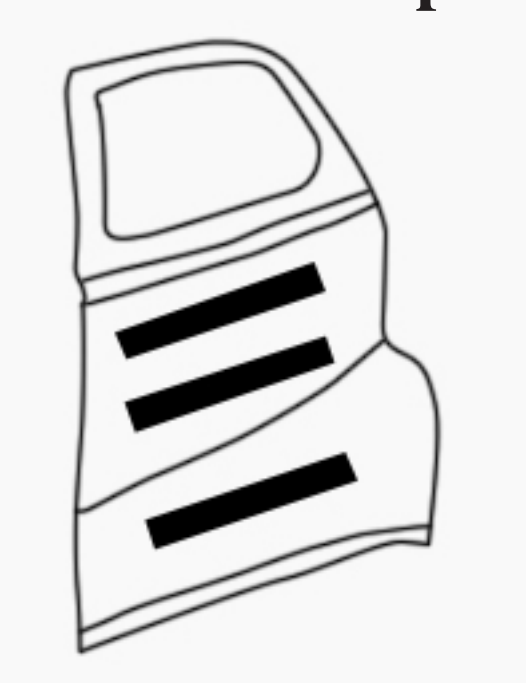
"Pressure roll" the Damper Strips to the metal skin of the door so that all air gaps are removed ensuring that the adhesive backing firmly grips the metal skin.

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.

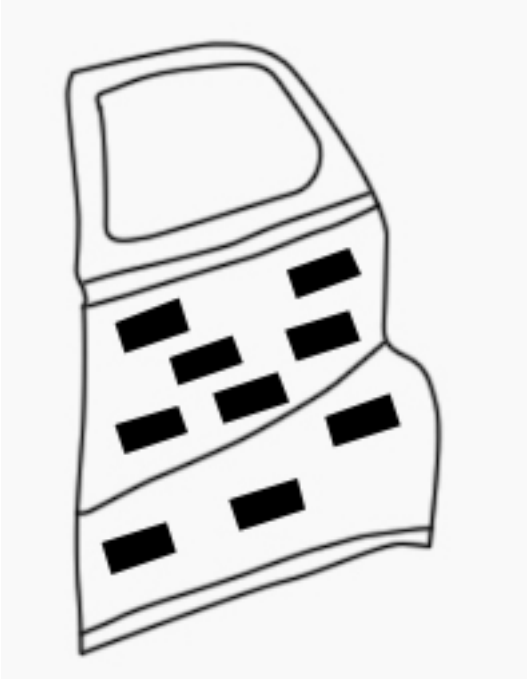
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Door Skin Damper Placement Illustrations



Placement of Door Skin Damper Strips on Cars and Trucks where access to the door skin is <u>not</u> 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



1992-96 Ford Truck
Extended Cab

Part # FORD 9296-XTAK

Packaged within this box are the following individual component kits:

- Floor Insulation Kit
- Rear Cab Insulation Kit
- Cowl Insulation Kit
- Roof 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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