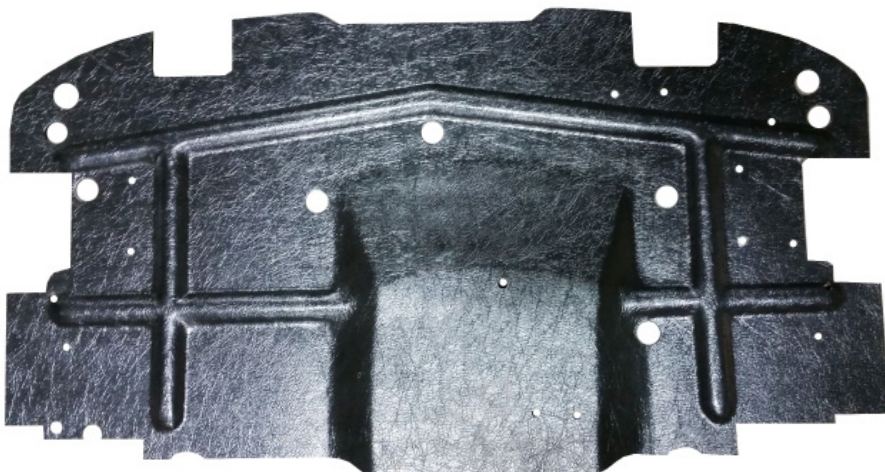# Made Right - To Fit Right - To Stop Engine Heat

**Auburn, Cord,
Crosley,
DeVaux, Diamond T,
Dover, Essex, Graham,
Hudson, Huppmobile,
International,
Kaiser/Frazer,
Marmon, Nash,
Pierce Arrow,
Reo and White Truck**

**Order Online**

Your first line of defense against engine noise, vibration and heat is the <u>Firewall Insulator Panel</u>-the barrier between the engine bay and the passenger cabin.

Quiet Ride Firewall Insulators fit like a glove because they made from out-of-the-car originals sent to us by customers like you. They match the contours of the stock steel firewall and are punched with stock mounting holes and accessory holes. There are no gaps to allow noise and heat to move into the passenger cabin.

| Custom Firewalls* | Restoration Firewalls* |
|---|---|
| If you are building a "restomod" or custom vehicle, any of our firewall insulator products can be ordered with Heat Shield insulation and without holes for that "smoothie" look. Custom firewall panels can be installed with contact adhesive or by using our Street Rod Firewall Mounting Pin Kit. | Firewalls are cut and punched with standard factory holes and are shipped ready-to-install with the appropriate "period" insulation attached. Save and reuse your original mounting pins. Universal pins are available should you need them. |

*Technical Note: If you have changed the OEM firewall (aside from welding up the mounting and equipment pass-through holes) you may have to look for alternative solutions. Call for suggestions and information.

**Molded to fit over the transmission hump and into heater wells, using the highest quality materials available.**

## Quiet RIDE Solutions ™

**Order Line: 888-777-3410
Tech Line: 209-942-4777
3183 Hwy 71 S, Mena, AR 71953**

# American Cars & Trucks

## Firewall INSULATORS™
### "Fits Like a Glove"

## Product Application Codes and Price Sheet

**Firewall Insulators for the following American Cars and Trucks:**

Auburn, Cord, DeVaux, Diamond T, Dover, Essex, Graham, Hudson, International, Kaiser/Fraser, Marmon, Nash, Pierce Arrow and Reo and White Truck.
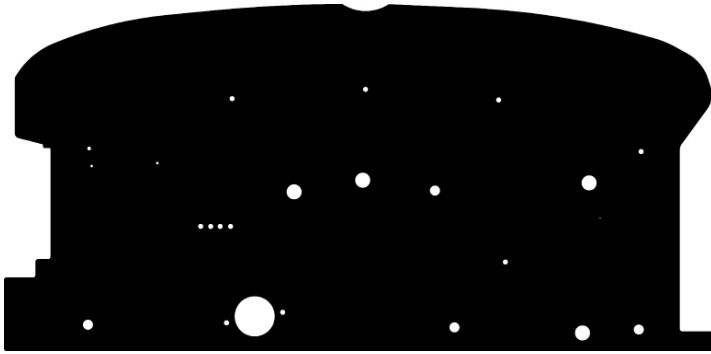
| Part # | Description | MSRP |
|---|---|---|
| AUB 3100-898A-C | 1931 Auburn Model 898A Firewall Insulator | 266.80 |
| AUB 3400-1250-C | 1934 Auburn Model 1250 Firewall Insulator | 266.80 |
| AUB 3436-BBC | 1934-1936 Auburn Battery Box Cover (ABS Plastic) | 126.50 |
| AUB 3436-C | 1934-1936 Auburn Firewall Insulator | 345.00 |
| AUB 3436-CSP | 1934-1936 Auburn Side Cowl Panels | 82.80 |
| AUB 3600-851-CSP | 1936 Auburn 851 Side Cowl Panels | 82.80 |
| CORD 2932-C-1 | 1929-1932 Cord L-29 Firewall Insulator Style 1 | 365.70 |
| CORD 2932-C-2 | 1929-1932 Cord L-29 Firewall Insulator Style 2 | 365.70 |
| CORD 3637-810-C | 1936-1937 Cord Beverly 810-812 Firewall Insulator | 304.75 |
| CROS 4748-C | 1946-48 Crosley Firewall Insulator | 167.90 |
| CROS 4748-CIK | 1946-48 Crosley Interior Panel Kit | 403.65 |
| DEV 3132-C | 1931-1932 DeVaux Firewall Insulator | 304.75 |
| DIAT3949-M304-201-T | 1939-1949 Diamond T M304-201 Firewall | 304.75 |
| DOVER 2930-T | 1929-1930 Dover Truck Flat Firewall Insulator | 346.15 |
| ESSEX 3000-C | 1930 Essex Firewall Insulator | 346.15 |
| GRAM 2829-SED-C | 1928-1929 Graham Firewall Insulator-Sedan | 167.90 |
| GRAM 2829-RT-C | 1928-1929 Graham Firewall Insulator-Road/Touring | 167.90 |
| GRAM 2906-C | 1929 Graham Model 827/837 Firewall Insulator | 320.85 |
| GRAM 2930-2737C | 1929-1930 Graham Paige Series 827/837 Firewall | 346.15 |
| GRAM 3100-C | 1931 Graham 8 Cylinder Firewall Insulator | 286.35 |
| GRAM 3300-57A-C | 1933 Graham Model 57A Firewall Insulator | 320.85 |
| GRAM3536-7080-TPK | 1935-1936 Graham 73-74-80-84 Trunk Panel Kit | 242.65 |
| GRAM3536-7080-CSP | 1935-1936 Graham 73-74-80-84 Cowl Panel Set | 242.65 |
| GRAM 3500-78-C | 1935 Graham Model 78 Firewall Insulator | 286.35 |
| GRAM 3700-95-C | 1937 Graham Model 95 Firewall Insulator | 266.80 |
| GRAM 3840-96107C | 1938-1940 Graham 96-97/107-108 Sharknose Firewall Insulator | 346.15 |
| GRAM 4041-C | 1940-1941 Hollywood Graham Firewall Insulator | 286.35 |
| HUD 3100-8-C | 1931 Hudson Grand 8 Firewall Insulator | 284.05 |
| HUD 3600-64-C | 1936 Hudson Model 64 Firewall Insulator | 284.05 |
| HUD 3700-TER-C | 1937 Hudson Terraplane Firewall Insulator | 284.05 |
| HUD 3800-TER-C | 1938 Hudson Terraplane Firewall Insulator | 284.05 |
| HUD 4100-C8-C | 1940-47 Hudson Commander 8 Firewall | 167.90 |
| HUD 4850-C | 1948-50 Hudson Firewall Insulator | 265.65 |
| HUD 5154-C | 2051-2054 Hudson Firewall Insulator | 265.65 |
| HUP 2600-A-C | 1926 Hupmobile Series A Firewall Insulator | 266.80 |
| HUP 2700-C | 1927 Hupmobile Series A Firewall Insulator | 266.80 |
| HUP 3200-B2160-C | 1932 Hupmobile Model B-216 Firewall | 304.75 |
| HUP 4041-C | 1940-41 Hupmobile Skylark Firewall | 304.75 |
| IHC 3600-T | 1936 International Truck Firewall Insulator | 304.75 |
| IHC 3740-D2-T | 1937-40 International Truck D-2 Firewall Insulator | 304.75 |
| IHC 4149-T | 1941-49 International Firewall Insulator | 304.75 |
| IHC 5057-LRS-T | 2050-57 International LRS110-160 Firewall Insulator | 304.75 |
| IHC 6170-T | 1961-70 International Scout Firewall Insulator | 304.75 |
| KASR 4750-C-1 | 1947-50 Kaiser/Frazer Firewall Insulator Style 1 | 346.15 |
| KASR 4750-C-2 | 1947-50 Kaiser/Frazer Firewall Insulator Style 2 | 346.15 |
| KASR 5155-C | 2051-55 Kaiser/Frazer Firewall Insulator | 346.15 |
| KASR 5155-CSP | 2051-55 Kaiser/Frazer Cowl Side Panels | 149.50 |
| MARM 3000-8-C | 1930 Marmon Big 8 Firewall Insulator | 343.85 |
| MARM 3133-16-CE | 1931-1933 Marmon 16 Engine Side Firewall | 265.65 |
| MARM 3133-16-CP | 1931-1933 Marmon 16 Passenger Side Firewall | 265.65 |
| NASH 3132-980-CE | 1931-32 Nash Series 980 Engine Side Firewall | 343.85 |
| NASH 3132-980-CP | 1931-32 Nash Series 980 Passenger Side Firewall | 343.85 |
| NASH 3200-1080-CE | 1932 Nash Series 1080 Engine Side Firewall | 343.85 |
| NASH 3200-1090-CP | 1932 Nash Model 1090 Passenger Side Firewall | 343.85 |
| NASH 3300-1090-CE | 1933 Nash Series 1090 Engine Side Firewall | 343.85 |
| NASH 3300-1090-CP | 1933 Nash Series 1090 Passenger Side Firewall | 343.85 |
| NASH3400-128384-CE | 1934 Nash Series 1283-1284 Engine Side Firewall | 343.85 |
| NASH3400-128384-CP | 1934 Nash Series 1283-1284 Passenger Side | 343.85 |
| NASH 3400-1290-CE | 1934 Nash Model 1290 Engine Side Firewall | 343.85 |
| NASH 3400-1290-CP | 1934 Nash Model 1290 Passenger Side Firewall | 343.85 |
| NASH 3800-LAF-CE | 1938 Nash Lafayette Engine Side Firewall Insulator | 343.85 |
| NASH 3800-LAF-CP | 1938 Nash Lafayette Passenger Side Firewall Insul | 343.85 |
| NASH 5257-C | 2052-2057 Nash Ambassador Firewall Insulator | 246.10 |
| PIER 2900-C | 1929 Pierce Arrow Firewall Insulator | 334.65 |
| PIER 3000-C | 1930 Pierce Arrow Firewall Insulator | 334.65 |
| PIER 3100-4142-C | 1931 Pierce Arrow Model 41-42 Firewall Insulator | 334.65 |
| PIER 3100-43-C | 1931 Pierce Arrow Model 43 Firewall Insulator | 334.65 |
| PIER 3200-54-C | 1932 Pierce Arrow Model 54 Firewall Insulator | 334.65 |
| PIER 3300-1236-C | 1933 Pierce Arrow 1236 Firewall Insulator | 334.65 |
| PIER 3435-C | 1934-1935 Pierce Arrow Firewall Insulator | 334.65 |
| PIER 3600M-C | 1936 Pierce Arrow Firewall Insulator | 334.65 |
| REO 3300FC-C | 1933 Reo Flying Cloud Firewall Insulator | 189.75 |
| REO 3400R-C | 1934 Reo Royal Car Firewall Insulator | 244.95 |
| REO 3536SW-T | 1935-1936 Reo Speedwagon Truck Firewall Insula | 244.95 |
| WHITE 3946-T | 1939-1946 White Truck Firewall Insulator | 249.55 |

For more information contact us at "info@quietride.com"

# American Antique and Classic
# Firewall Insulators 1929-1938

Compare these photos to your to verify fitment with your car.

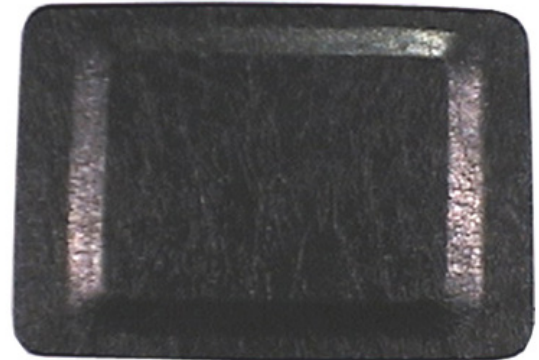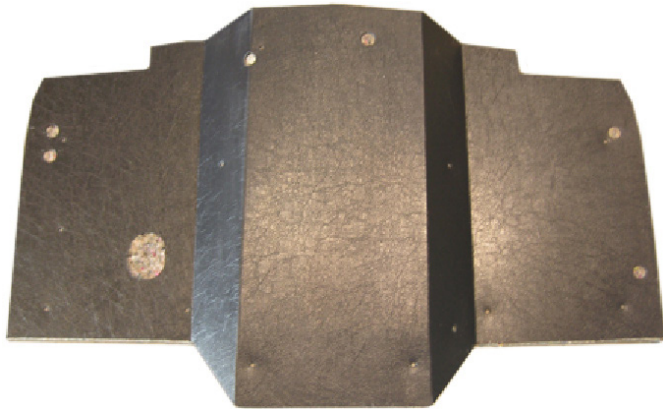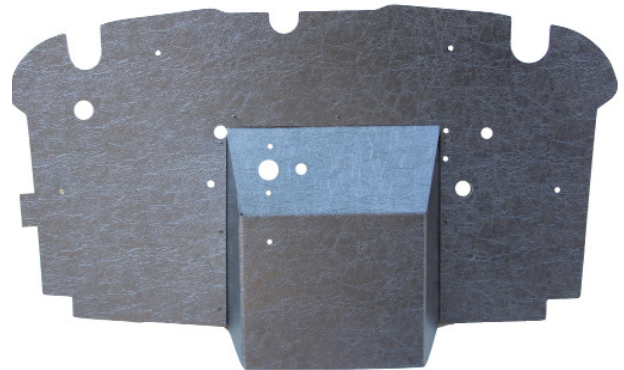Firewalls are available with holes for Restoration or without holes for Custom Applications.

AUB 3100-898A-C
1931 Auburn Model 898A Firewall Insulator, with Skirt

AUB 3400-1250-C
1934 Auburn Model 1250 Firewall Insulator

AUB 3436-C
1934-1936 Auburn Firewall Insulator

AUB 3436-BBC
1934-1936 Auburn Battery Box Cover

AUB 3436-CSP
1934-1936 Auburn Side Cowl Panels

AUB 3600-851-CSP
1934-1936 Auburn Model 851 Cowl Panels

Firewall Insulators can be ordered with out holes for customs and street rods.

# American Antique and Classic
# Firewall Insulators 1929-1938

Compare these photos to your to verify fitment with your car.

Firewalls are available with holes for Restoration or without holes for Custom Applications.

CORD 2932-C-1
1929-1932 Cord L-29 Firewall Insul- Style 1

CORD 2932-C-2
1929-1932 Cord L-29 Firewall Insul-Style 2

CORD 3637-810-C
1936-1937 Cord Beverly 810-812 Firewall

DEV 3132-C
1931-1932 DeVaux Firewall Insulator
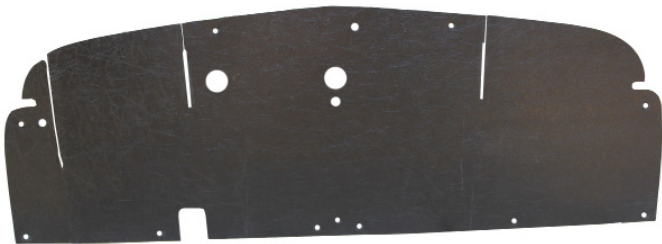
CROS 4748-C
1946-48 Crosley Firewall Insulator

CROS 4748-CIK
1947-48 Crosley Interior Panel Kit
Seat Divider, Cowl and Door Panels

Firewall Insulators can be ordered with out holes for customs and street rods.
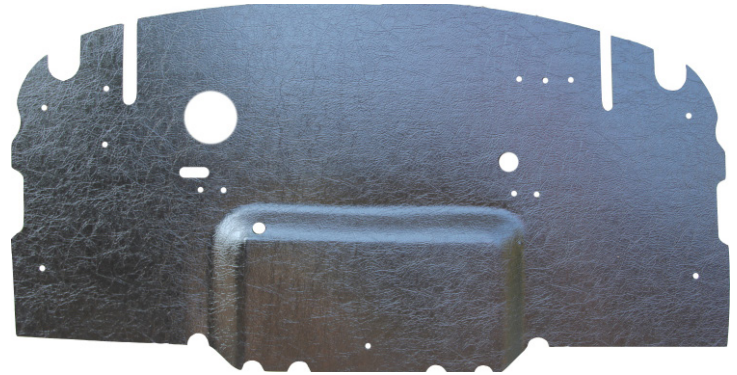
# American Antique and Classic Firewall Insulators 1929-1938

Compare these photos to your to verify fitment with your car.
Firewalls are available with holes for Restoration or without holes for Custom Applications.

DIAT 3949-M304-201-T
1936-1947 Diamond T Firewall Insulator

DOVER 2930-T
1929-1930 Dover Truck Flat Firewall Insulator

ESSEX 3000-C
1930 Essex Firewall Insulator
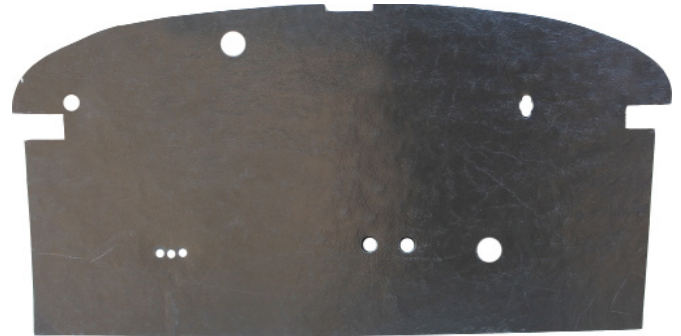
GRAM 2829-RT-C
Roadster/Touring Series Firewall Insulator
1928 Graham Paige Series 610/614
1929 Graham Paige Series 612/615
May Also Fit:
1930 Graham Paige Series 645/646 ?
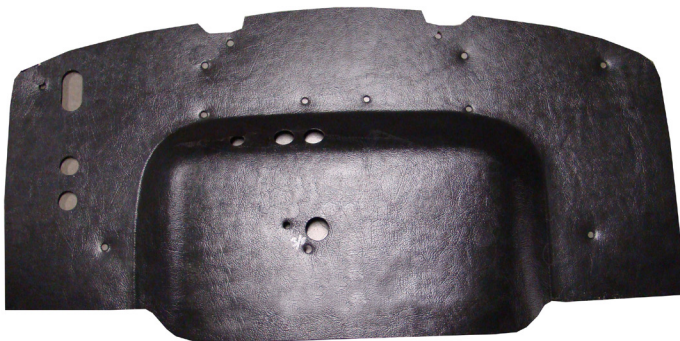
GRAM 2930-2737-C
1929-1930 Graham Paige Series 827/837
Firewall Insulator (Small Six)

GRAM 3100-C
1931 Graham 8 Cylinder Firewall Insulator

Firewall Insulators can be ordered with out holes for customs and street rods.

# American Antique and Classic Firewall Insulators 1929-1938

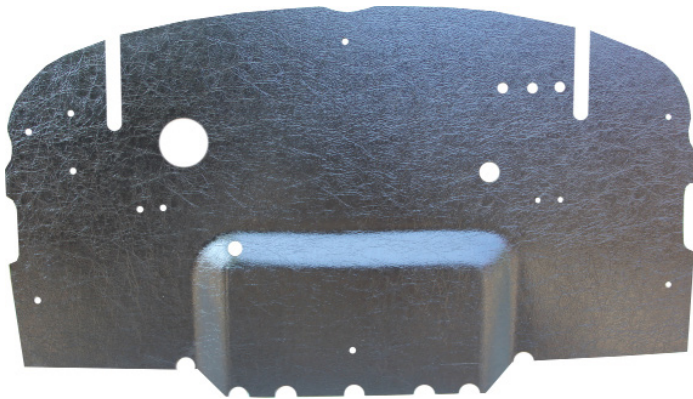Compare these photos to your to verify fitment with your car.

Firewalls are available with holes for Restoration or without holes for Custom Applications.
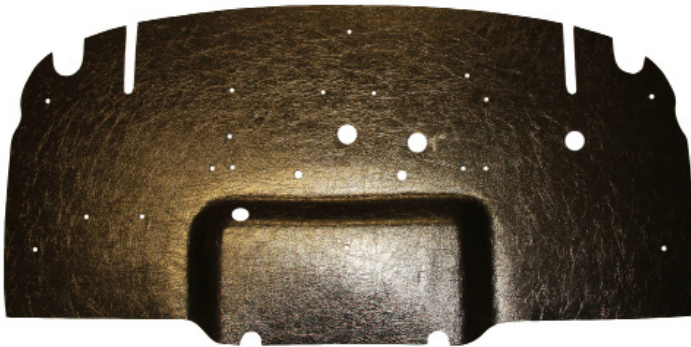
GRAM 3300-57A-C
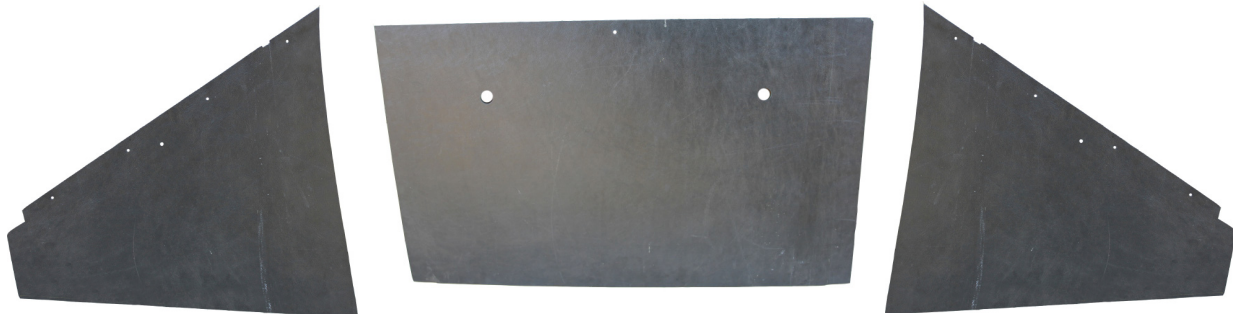
1933 Graham Model 57A Firewall Insulator

GRAM 3500-78-C

1935 Graham Model 78 Firewall Insulator

GRAM 3536-7080-C

1935-1936 Graham Model 73-74-80-84
Firewall Insulator
May Also Fit Some 1934 and 1937 Cars

GRAM 3536-7080-CSP

1935-1936 Graham Cowl Panel Set

GRAM 3536-7080-TPK

1935-1936 Graham Trunk Panel Kit

Firewall Insulators can be ordered with out holes for customs and street rods.

# American Antique and Classic Firewall Insulators 1929-1938

Compare these photos to your to verify fitment with your car.

Firewalls are available with holes for Restoration or without holes for Custom Applications.
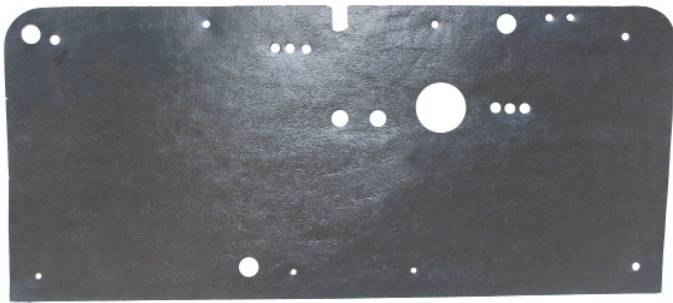
GRAM 3700-95-C
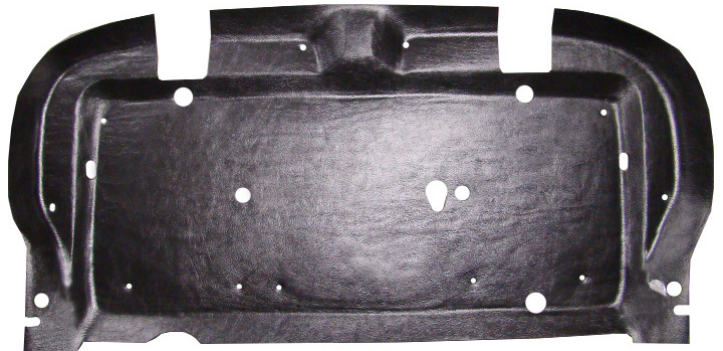
1937 Graham Model 95 Firewall Insulator

GRAM 3840-96107-C

1938-40 Graham Models 96/97 and 107/108 (Sharknose) Firewall Insulator

GRAM 4041-C

1940-41 Hollywood Graham Firewall Insulator

HENRY 5154-C

2051-54 Henry J Firewall Insulator
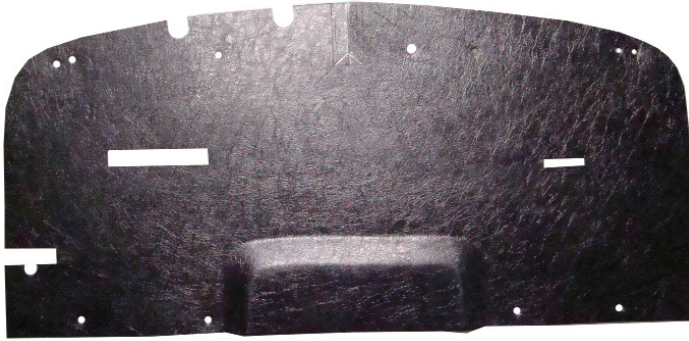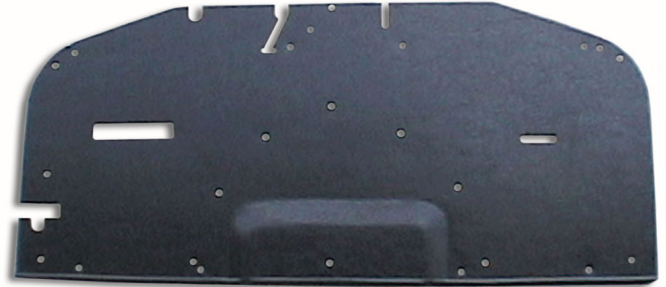
Also Fits Sears Allstate

*No Holes Pre-Cut

HUD 3100-8-C

1931 Hudson Grand 8 Firewall Insulator

Firewall Insulators can be ordered with out holes for customs and street rods.

# American Antique and Classic Firewall Insulators 1929-1938

Compare these photos to your to verify fitment with your car.

Firewalls are available with holes for Restoration or without holes for Custom Applications.



HUD 3600-64-C
1936 Hudson Model 64 Terraplane Firewall



HUD 3700TER-C
1937 Hudson Terraplane Firewall Insulator



HUD 3800-TER-C
1938 Hudson Terraplane Firewall



HUD 4047-CT
1940-47 Hudson Car/Truck Firewall Insulator



HUD 4100-C8-C
1941 Hudson Commander 8 Firewall Insulator

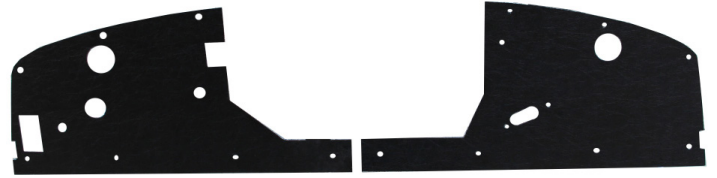Firewall Insulators can be ordered with out holes for customs and street rods.

# American Antique and Classic
# Firewall Insulators 1929-1938

Compare these photos to your to verify fitment with your car.
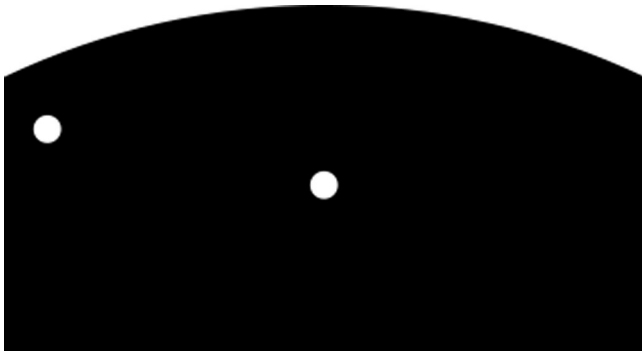
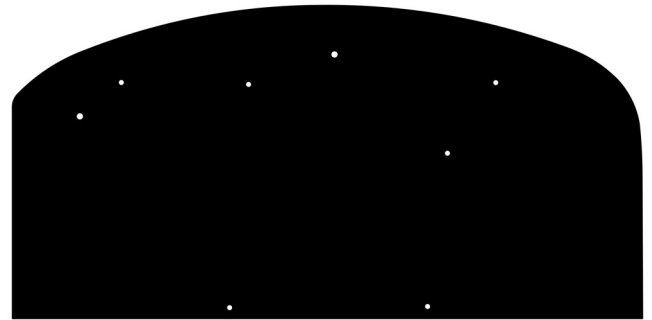Firewalls are available with holes for Restoration or without holes for Custom Applications.

HUD 4850-C
1948-50 Hudson Firewall Insulator

HUD 5154-C
1951-1954 Hudson Firewall Insulator

HUP 2600-A-C
1926 Hupmobile Series A Firewall Insulator

HUP 2700-C
1927 Hupmobile Series A Firewall Insulator

HUP 3200-B2160-C
1932 Hupmobile Model B-216 Firewall

HUP 4041-C
1940-41 Hupmobile Skylark Firewall

Firewall Insulators can be ordered with out holes for customs and street rods.

# American Antique and Classic
# Firewall Insulators 1929-1938

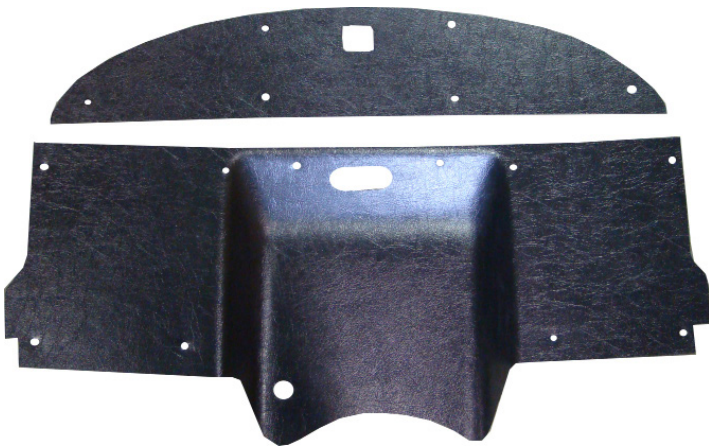Compare these photos to your to verify fitment with your car.

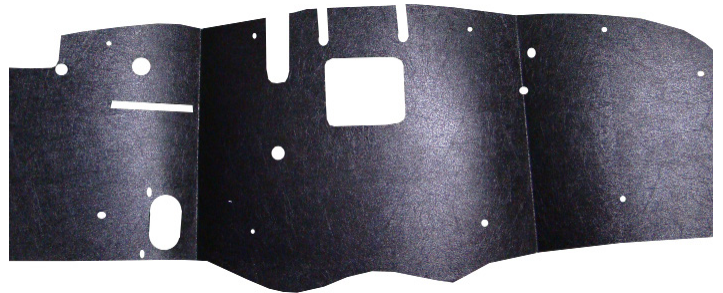Firewalls are available with holes for Restoration or without holes for Custom Applications.

IHC 3600-T
1936 International Truck Firewall Insulator

IHC 3740-D2-T
1937-40 International Truck D-2 Firewall

IHC 4149-T
1941-49 International Firewall Insulator

IHC 5057-LRS-T
1950-57 International LRS Firewall Insulator
1950-52 L 110-1139-140-60 Firewall
1953-55 R 110-1139-140-60 Firewall
1956-57 S 110-1139-140-60 Firewall

IHC 6170-T
1961-70 International Scout Firewall Insulator

KASR 4750-C-1
1947-50 Kaiser/Frazer Firewall Insulator

Firewall Insulators can be ordered with out holes for customs and street rods.

# American Antique and Classic
# Firewall Insulators 1929-1938
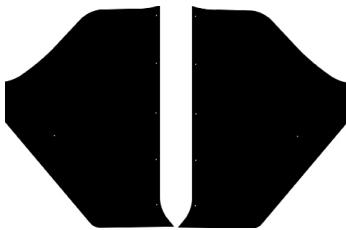### Compare these photos to your to verify fitment with your car.
### Firewalls are available with holes for Restoration or without holes for Custom Applications.

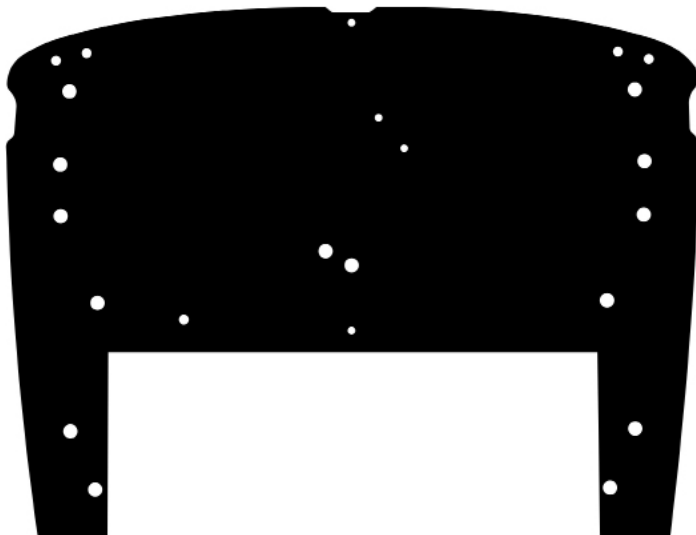KASR 4750-C-2
1947-50 Kaiser/Frazer Firewall Insulator

KASR 5155-C
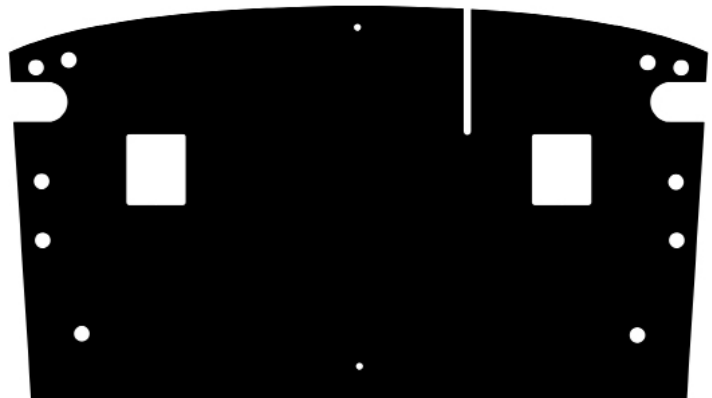2051-55 Kaiser/Frazer Firewall Insulator

KASR 5155-CSP
2051-55 Kaiser/Frazer Cowl Side Panels

MARM 3000-8-C  1930 Marmon Big 8
Firewall Insulator
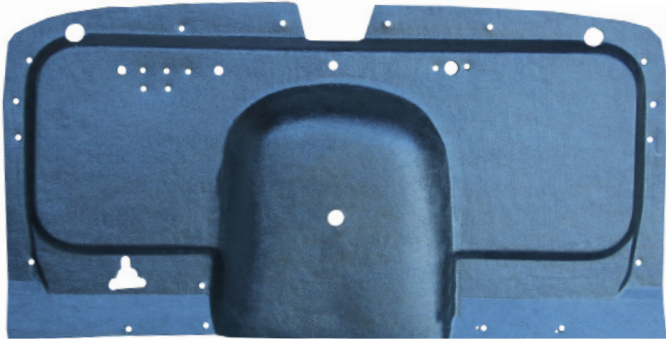
MARM 3133-16-CP

MARM 3133-16-CP E
1931-1933 Marmon 16 Firewall Insulator

Firewall Insulators can be ordered with out holes for customs and street rods.

# American Antique and Classic
# Firewall Insulators 1929-1938

Compare these photos to your to verify fitment with your car.

Firewalls are available with holes for Restoration or without holes for Custom Applications.



**NASH 3132-980-CP** Pass Side Firewall



**NASH 3132-980-CE** Engine Side Firewall



**NASH 3200-1080-CP** Pass Side Firewall



**NASH 3200-1080-CE** Engine Side Firewall

**NASH 3200-1080-C** 1932 Nash Model 1080 Firewall Insulator Set



**NASH 3200-1090-CP** Pass Side Firewall



**NASH 3200-1090-CE** Engine Side Firewall

**NASH 3200-1090-C** 1932 Nash Model 1090 Firewall Insulator Set

Firewall Insulators can be ordered with out holes for customs and street rods.

# American Antique and Classic Firewall Insulators 1929-1938

Compare these photos to your to verify fitment with your car.

Firewalls are available with holes for Restoration or without holes for Custom Applications.

**NASH 3300-1090-CP** Pass Side Firewall      **NASH 3300-1090-CE** Engine Side Firewall

1933 Nash Series 1090 Firewall Insulator Set

**NASH 3400-128384-CP** Pass Side Firewall     **NASH 3400-128384-CE** Engine Side Firewall

1934 Nash Series 1283-1284 Firewall Insulator Set

**NASH 3400-1290-CP** Pass Side Firewall      **NASH 3400-1290-CE** Engine Side Firewall
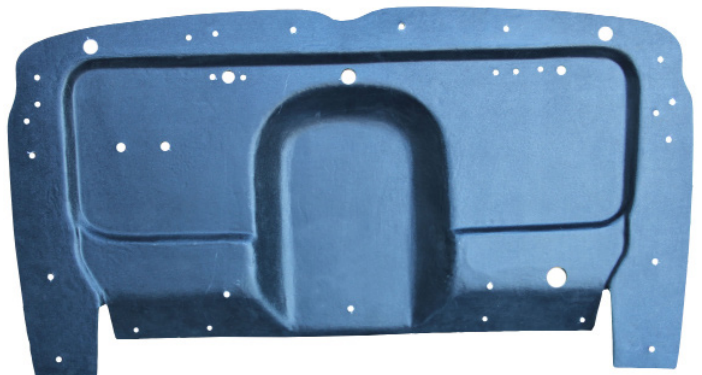
1934 Nash Model 1290 Firewall Insulator Set

Firewall Insulators can be ordered with out holes for customs and street rods.

# American Antique and Classic
# Firewall Insulators 1929-1938

Compare these photos to your to verify fitment with your car.

Firewalls are available with holes for Restoration or without holes for Custom Applications.
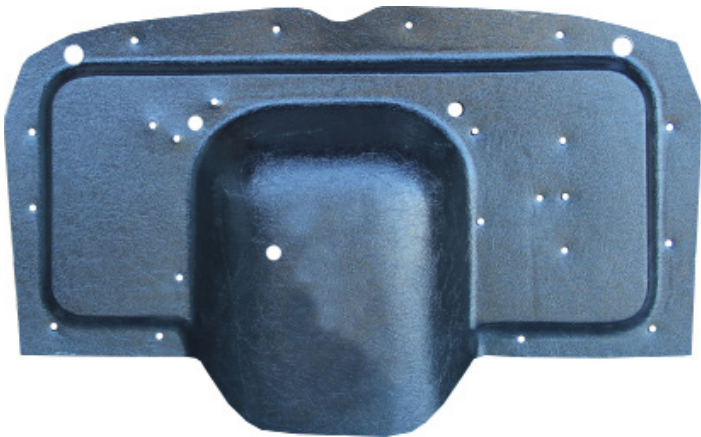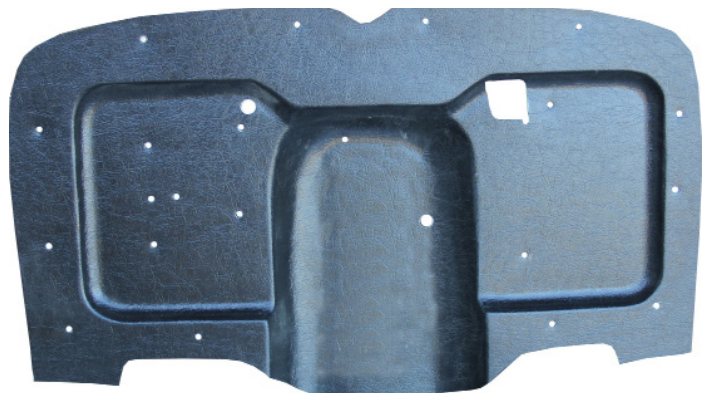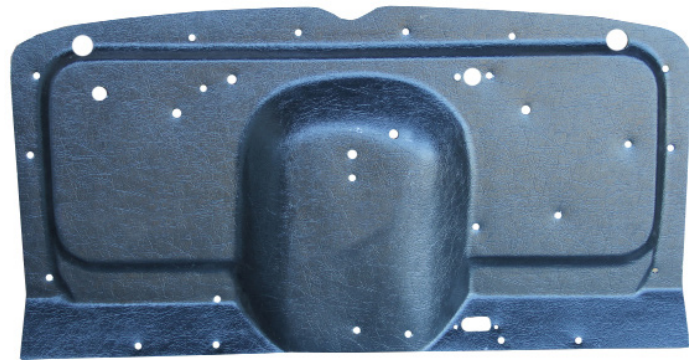


**NASH 3800LAF-CP** Pass Side Firewall



**NASH 3800LAF-CE** Engine Side Firewall

1938 Nash Lafayette Firewall Insulator Set

Firewall Insulators can be ordered with out holes for customs and street rods.

# Pierce Arrow Firewall Insulators 1929-1938

Compare these photos to your to verify fitment with your car.

Firewalls are available with holes for Restoration or without holes for Custom Applications.

PIERCE 2900-C
1929 Pierce Arrow Firewall Insulator

PIERCE 3000-C
1930 Pierce Arrow Firewall Insulator

PIERCE 3100-4142-C
1931 Pierce Arrow Model 41/42 Firewall

PIERCE 3100-43-C
1931 Pierce Arrow Model 41 Firewall

PIERCE 3200-54-C
1932 Pierce Arrow Model 54 Firewall

PIERCE 3300-1236-C
1933 Pierce Arrow Model 1236 Firewall

Firewall Insulators can be ordered with out holes for customs and street rods.

# Pierce Arrow Firewall Insulators 1929-1938

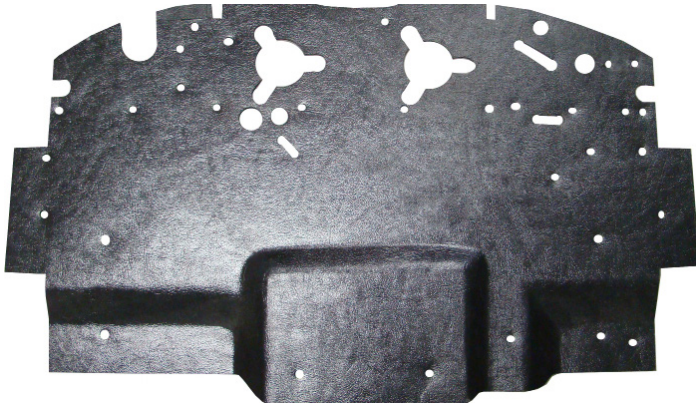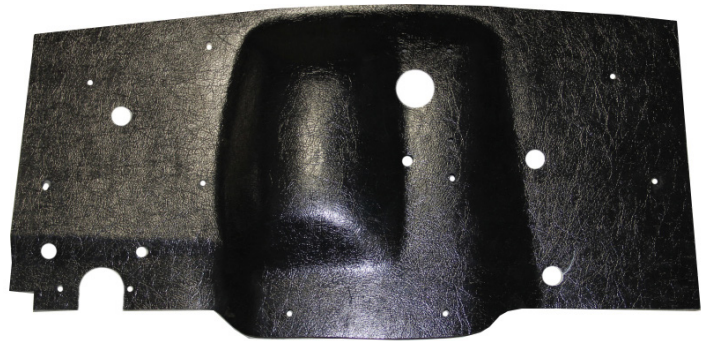### Compare these photos to your to verify fitment with your car.
#### Firewalls are available with holes for Restoration or without holes for Custom Applications.



PIERCE 3435-C
1934-35 Pierce Arrow Firewall



PIERCE 3600M-C
1936 Pierce Arrow McNear Body Firewall

## Firewall Insulator Colors

Just a word about the "look" of your old firewall in comparison to a new one-you may note that the new firewall does not look the same as your original-because of the "sheen." The firewall in a car built in the 1930s or 40s is now at least 70-80 years old and is dirty and dingy. When it came off the assembly line, it was crisp, clean and sparkling.

With few exceptions, firewall insulators were black when they came from the factory. There were some exceptions in the General Motors product line from 1933 through 1941 in which the firewall insulators were a "mocha brown" color. Typically, the firewall color should match the color of your clutch, brake and accelerator pedal rubber pads.

**Firewall INSULATORS** ™
**Stop Engine Heat At The Source**

Firewall Insulators can be ordered with out holes for customs and street rods.

# American Antique and Classic
# Firewall Insulators 1929-1938

Compare these photos to your to verify fitment with your car.

Firewalls are available with holes for Restoration or without holes for Custom Applications.
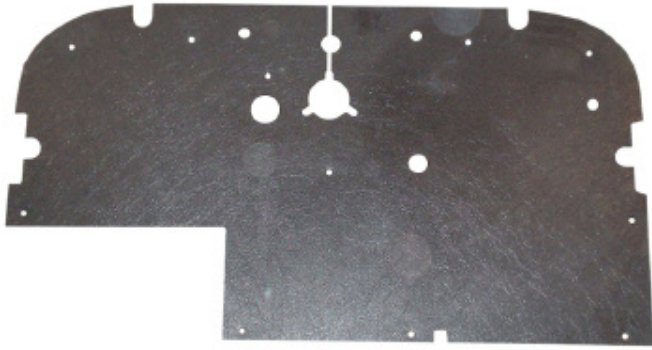
REO 3300FC-C
1933 Reo Flying Cloud Firewall Insulator

REO 3400R-C
1934 Reo Royal Car Firewall Insulator

REO 3500-FC
1935 Reo Flying Cloud Firewall Insulator
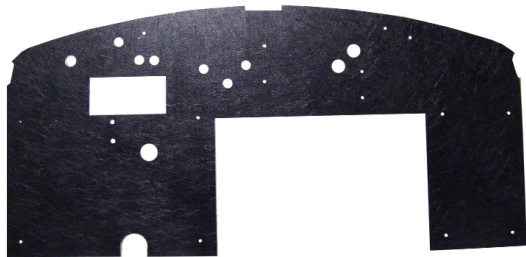
REO 3536-SWT
1935-1936 Reo Speedwagon Truck Firewall

WHITE 3946-T
1939-46 White Truck Firewall

Firewall Insulators can be ordered with out holes for customs and street rods.

American Cars and Trucks used a wide variety of mounting pins, clips, buttons and screws to attach the firewall insulator to the interior of the steel firewall bulkhead. Clean up and reuse your original mounting pins if you have them. We offer the following mounting pins and information based on what we have been able to find available.

| Part | Description | Qty | |
|---|---|---|---|
| UMPS-10 | **Universal Mounting Pins**<br>If your original firewall mounting pins are missing or damaged beyond repair, these universal pins may be a solution. They are a plastic "Christmas tree" type pin with a 1/2" button "head" that will fit most 5/16 inch holes. Kit includes 10 pins. | 20 |  |
| UWC-MPL-10 | **Universal Wire Cap Mounting Pin-Long**<br>A variety of car and truck manufacturers in the 1930s-40s-50s used a wire cap retainer to mount the firewall insulator. Long shank (1/2 inch) with a 1/2 inch button "head" that can be painted to match the firewall color. Kit includes 10 Pins. | 10 |  |
| UWC-MPS-10 | **Universal Wire Cap Mounting Pin-Short**<br>A variety of car and truck manufacturers in the 1930s-40s-50s used a wire cap retainer to mount the firewall insulator. Short shank (1/4 inch) with a 1/2 inch button "head" that can be painted to match the firewall color. Kit includes 10 Pins. | 10 |  |
| UPPS-20 | **Universal Upholstery Panel Pin Set**<br>If your original upholstery panel mounting pins are missing or damaged beyond repair, these universal pins may be a solution. They are a short-shank plastic "Christmas tree" type pin with a 1/2 inch "head" that will fit 5/16 inch holes. Kit includes 10 pins. | 30 |  |
| FORD 3541-MPL | **Early Ford Firewall Mounting Pins-Long**<br>These all steel firewall mounting pins are an exact reproduction of the originals. They are in a 3/4 inch in length. The Long pin works best in the 1935-41 cars and may be used on cars through the mid-fiftys. | 3 |  |
| FORD 3541-MPS | **Early Ford Firewall Mounting Pin-Short**<br>These all steel firewall mounting pins are an exact reproduction of the originals. They are in a 1/2 inch in length. The short pins work best for the 1942-48 Ford cars and 1940-47 Ford trucks and may be used on trucks through the mid-fiftys. | 3 |  |
| FORD RB-MP | **Late Model Ford Firewall Mounting Pins-Rubber Bullet Style**<br>These all Rubber Bullet Style Ford mounting pins were used on FOMOCO products starting in 1969. These are an exact reproduction of the original. | 3 |  |
| GM 5500-MP | **GM Firewall Plastic Firewall Mounting Plugs**<br>General Motors started using a plastic firewall mounting plug to attach the insulator to the steel firewall bulkhead in 2055 for trucks and 2057 for cars. These plugs are still used in many GM vehicles today. | 3 |  |
| SRMP-9 | **Street Rod Mounting Pin Kit**<br>With this new mounting pin kit, you can smooth your firewall by welding closed the firewall mounting holes and install any of our insulator panels for that "smoothie look." This kit will give you the option to place the firewall mounting pins where they will fit your application best. **Be sure to order your firewall insulator "No Holes" when you place your order.** Kit Includes 9 pinsets and instructions. | 34 |  |

# AcoustiSHIELD ®

## Automotive Thermal Acoustic Insulation

| Dynamat Xtreme Damper Pads | Pre-Cut Patterns | Heat Shield Insulation | Legend: Noise & Vibration ■ Heat ■ |

# A Roof to Road Solution to Control Passenger Cabin Noise, Vibration and Heat ™

## AcoustiSHIELD Product Description

AcoustiShield is a two-stage thermal acoustic automotive insulation product designed to control Noise, Vibration and Heat—the three major issues that affect passenger cabin comfort. Kits include pre-cut, ready-to-install AcoustiShield damper pads and HeatShield Barrier Insulation panels which are packaged separately for easy installation. Kits come with uniquely illustrated installation sheets, spray adhesive and seam tape.

Complete Acoustic Kits insulate the Cowl, Floor, Roof, Trunk Floor, Doors and Body Panels, which includes the seat divider, package tray and rear wheel wells. The installation of a complete AcoustiShield kit typically will reduce passenger cabin noise by 12 to 17 decibels. To put this in perspective, a 10-decibel reduction is a 50 percent reduction in noise that the human ear can easily detect. Barrier insulation will reduce radiant heat by as much as 25 degrees.

## AcoustiShield is a Two-Stage Process

Stage-One of the AcoustiShield process is the application of small pre-cut AcoustiShield damper pads and strips to auto body sheet metal to greatly reduce the vibration and noise produced by these panels from entering the passenger cabin.

Stage-Two of the AcoustiShield process is the application of pre-cut HeatShield Barrier Insulation panels to the auto body sheet metal to encapsulate any remaining vibration/noise and to thermally insulate the vehicle.

**WARNING**
Cancer and Reproductive Harm
www.p65Warnings.ca.gov

# Expanded NVH Reference Information:

Cars and trucks make and/or absorb noise, vibration and heat (NVH) from multiple directions-including internal and external air-borne noise, structure-borne noise as well as radiant heat. NVH factors to consider:

•Engine NVH travels back from the front of the vehicle through the firewall and cowl.

•Wheel well trunk and rear body panel NVH travels forward through the seat divider and package tray panels.

•Roadway radiant heat, often exceeding 140 degrees, rises through vehicle floor pans.

•Rumbling performance exhaust systems and transmission/drive line harmonics also rise through vehicle floor pans.

•Direct heat from the sun penetrates the roof of the vehicle.

All of these influences "Apex" in the middle of the passenger cabin at ear level.

Add the noise produced by the sound system; the air rushing through the vents from the HVAC system; and a normal conversation builds into a "shouting match" between the driver and passenger to overcome the "harmonic drone" of vehicle mechanics.

# AcoustiShield Photo Gallery
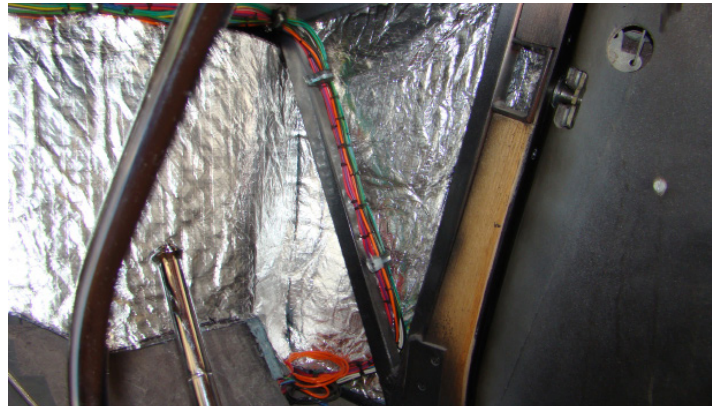


Typical Cowl Panel Sound Dampening and Thermal Barrier Insulation
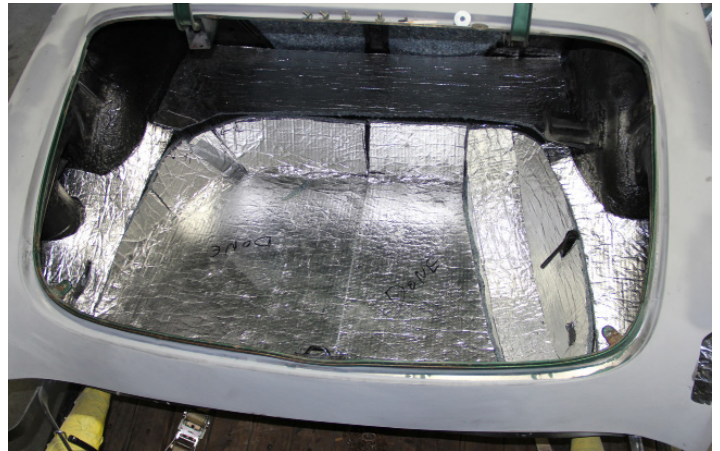


Typical Trunk Floor Sound Dampening and Thermal Barrier Insulation

Typical Floor Panel Sound Dampening and Thermal Barrier Insulation


Typical Roof Panel Sound Dampening and Thermal Barrier Insulation


Typical Body Panel Sound Dampening and Thermal Barrier Insulation