

# Installation Instructions



## Aeroskin LightShield™

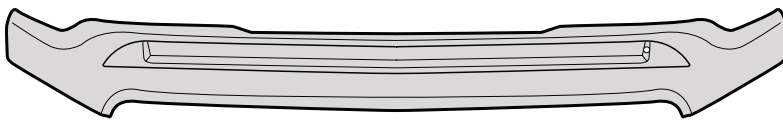
### Important Safety Information



- CAUTION - Before driving, ensure that the LightShield is properly secured to vehicle.
- Do not use automatic "brush-style" car washes.
- Do not use cleaning solvents of any kind.
- Periodically check all components for tightness.

### Contents

**NOTE:** Actual product may vary from illustration.



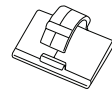
LightShield



Alcohol Pad x6



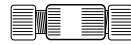
Surface Prep x1



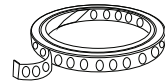
Wire Stay x6



Foam Tab x1



Wire Connector x2

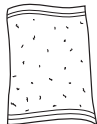


Light strip x1

### Tools Required



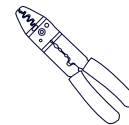
Car Wash Supplies



Clean Towel



Masking Tape



Wire Stripping Tool

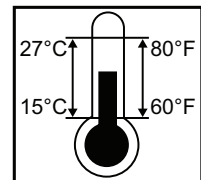


Grease Pencil

### Preparation Before Painting / Installation

- A trial fit is recommended to ensure proper positioning and fit.
- Check fit of parts before painting as we will not accept the return of modified or painted parts.
- Wash and dry your vehicle to remove any debris and/or dirt from the installation area.

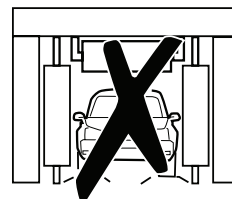
**NOTE:** Ensure vehicle surface and part are between 60°F and 80°F (15°C and 27°C) prior to installation.



Do not drive vehicle for 24 hours after installation.



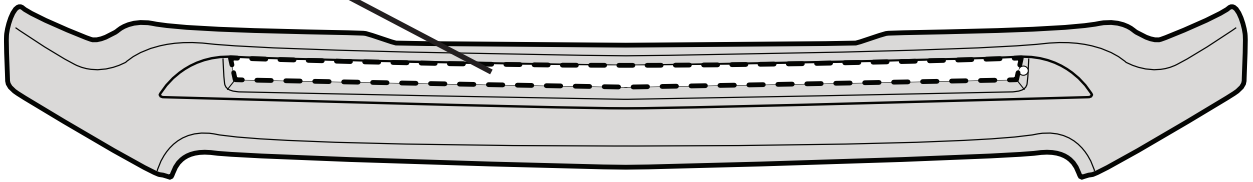
Do not wash vehicle for 72 hours after installation.



# Installation Steps

**NOTE:** Actual application may vary slightly from illustrations.

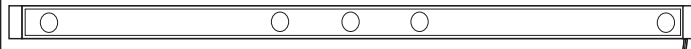
First, clean the recessed area of the LightShield with an alcohol pad and allow to dry.  
Next, apply one coat of Surface Prep to the same area.



1



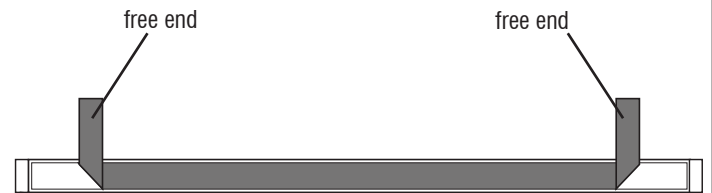
Straighten the Light strip and allow it to relax and flatten out.



Electrical wire

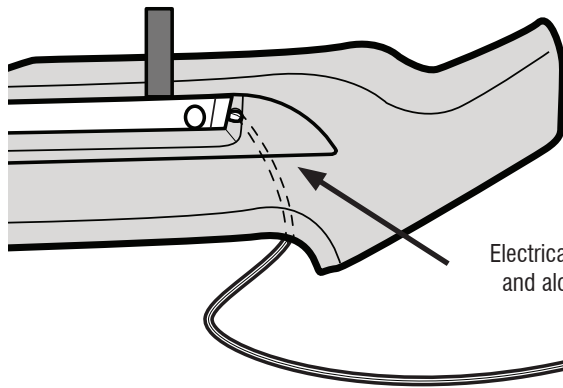
2

Peel back 2" of tape liner from each end of the backside of the Light strip. Fold the tape tabs over so that the free ends are accessible.



3

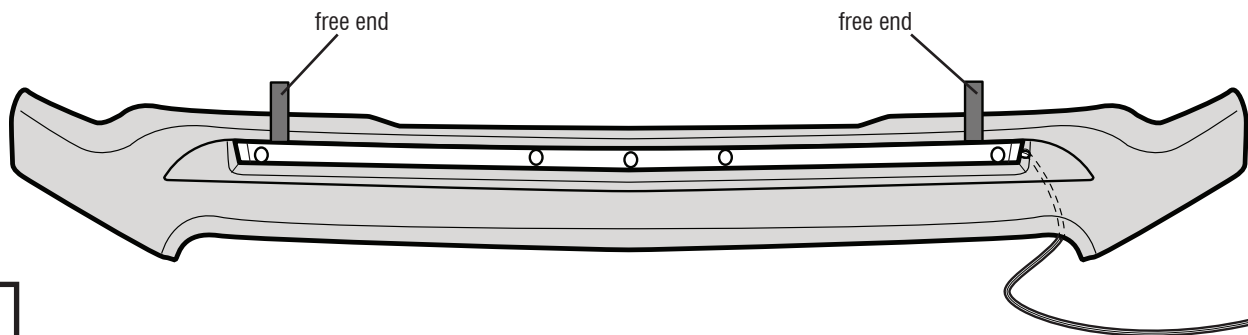
Thread electrical wire through hole in the corner of the LightShield and position Light strip along recessed area of LightShield.



Electrical wire threaded through hole and along backside of LightShield

4

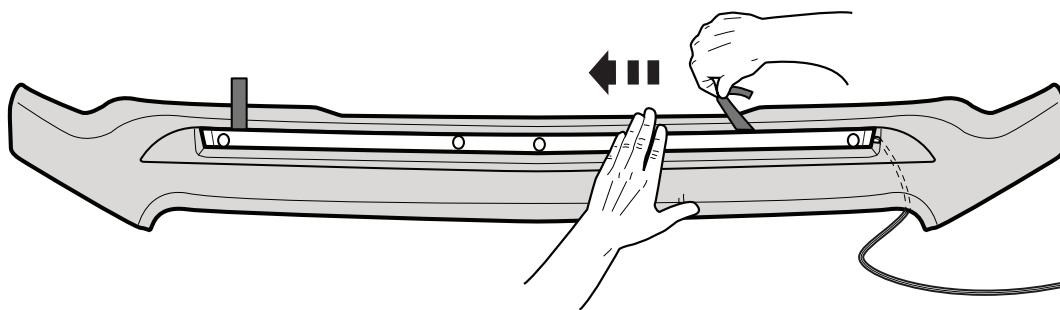
Carefully align the Light strip in place along the recessed area of the LightShield. Once positioned, press down on the exposed area of tape to tack the Light strip in place. Ensure that free ends of tape tabs are accessible.



5

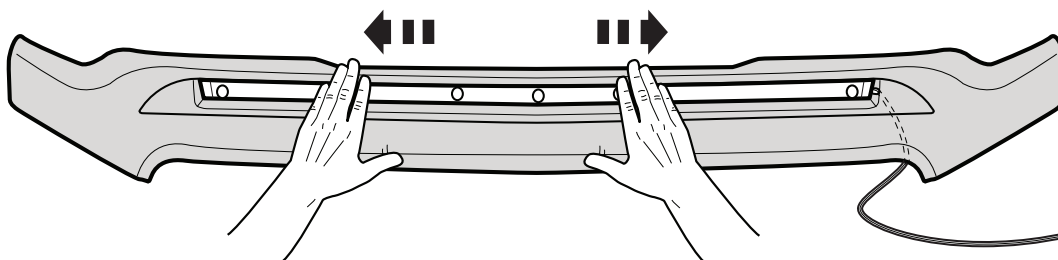
# Installation Steps **NOTE:** Actual application may vary slightly from illustrations.

Begin removing remaining tape liner by grasping the free end and pulling gently in 6" (15 cm) sections, while applying even pressure with hand to Light strip.



6

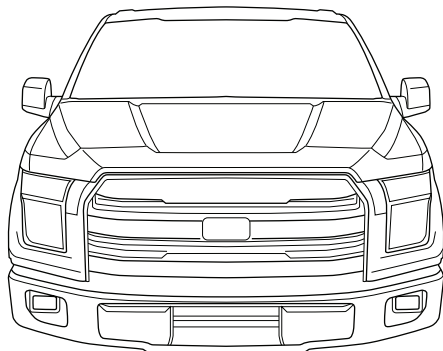
With tape liner completely removed, apply firm pressure along entire length of Light strip to ensure adhesion of tape to LightShield surface.



7

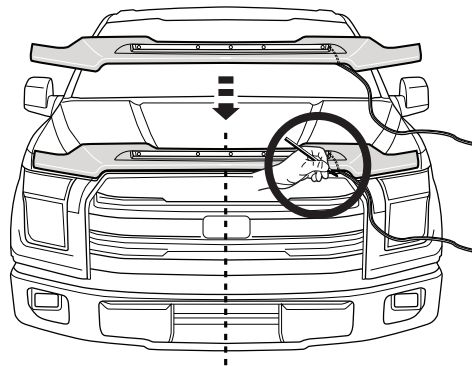


Prior to installation of LightShield, wash the hood of vehicle and dry with a clean cloth.



8

Test fit LightShield on vehicle. Center part on hood and use a grease pencil to mark the location where the electrical wire exits the LightShield and will eventually wrap under the hood.

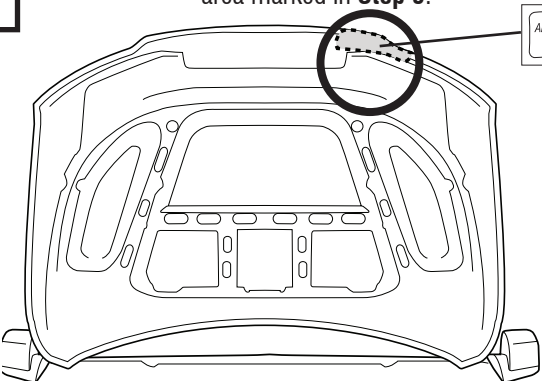


9

Close hood.

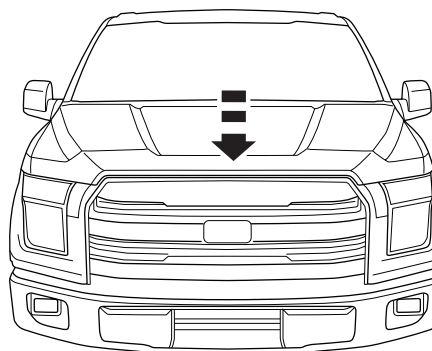


Remove LightShield and raise hood. Use an alcohol pad to clean the underside of the hood around the area marked in Step 9.



10

11

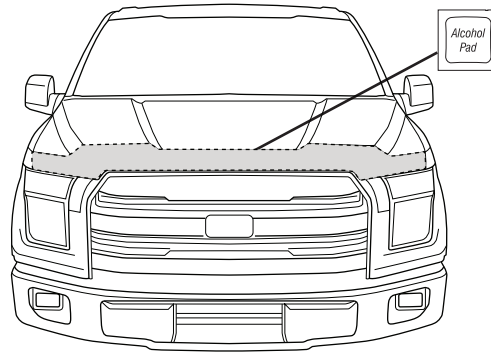


# Installation Steps

**NOTE:** Actual application may vary slightly from illustrations.

Alcohol Pad

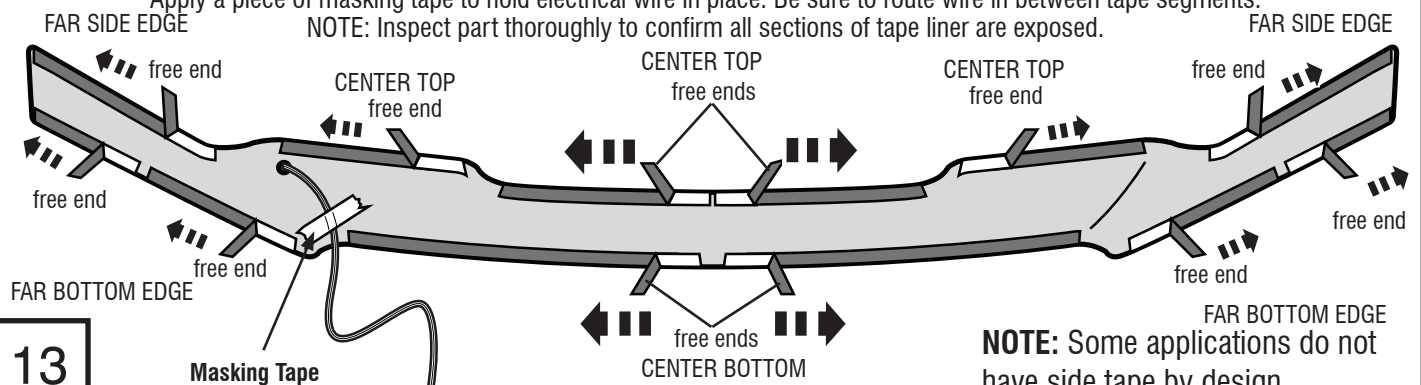
Use the alcohol pads to clean the entire **LEADING EDGE** of the hood.



12

Expose 2" (5 cm) of tape liner from each section of LightShield. Ensure you can access the free ends of tape liner. Apply a piece of masking tape to hold electrical wire in place. Be sure to route wire in between tape segments.

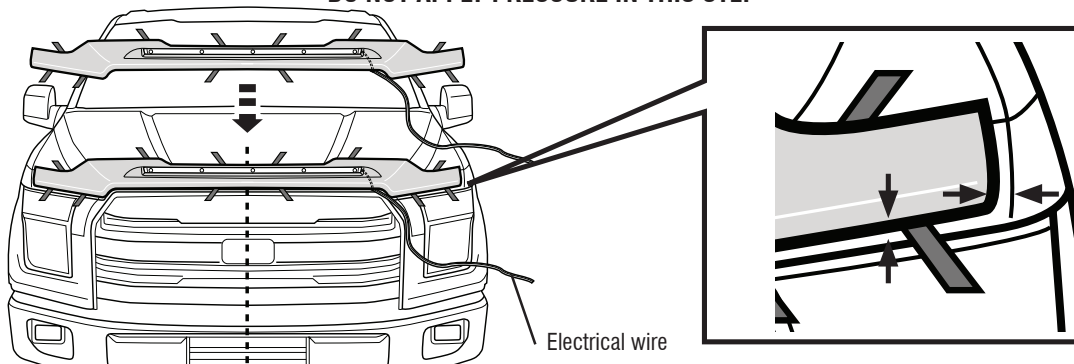
**NOTE:** Inspect part thoroughly to confirm all sections of tape liner are exposed.



**NOTE:** Some applications do not have side tape by design.

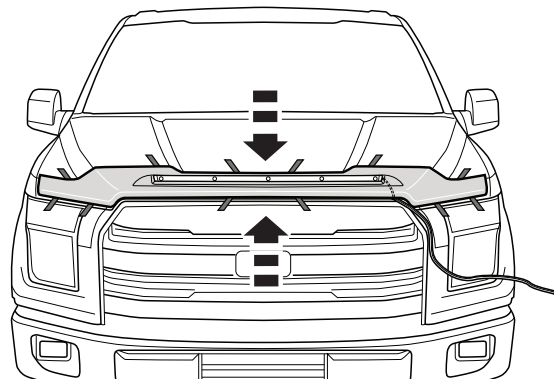
13

Center the Aeroskin on the hood. Part should be positioned about 1/16" (1.5mm) from hood edge on all sides. **DO NOT APPLY PRESSURE IN THIS STEP**



14

Apply **LIGHT PRESSURE** to the exposed tape at **CENTER LOCATIONS ONLY** to tack LightShield in place. Raise hood slightly.



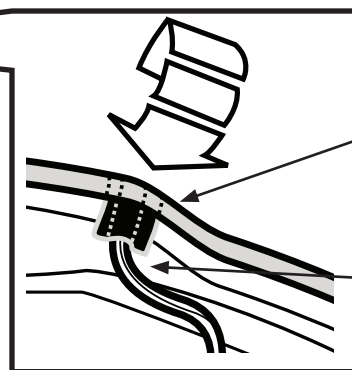
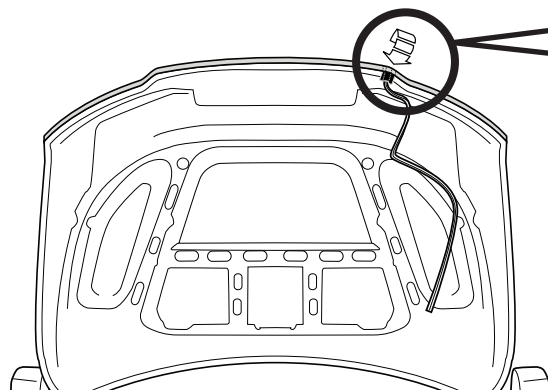
15

## Installation Steps

**NOTE:** Actual application may vary slightly from illustrations.

Wrap foam tab around hood edge **OVER WIRING** and secure the electrical wire in a protected position. Carefully lower hood.

**NOTE:** Use caution not to pinch electrical wire while closing hood!

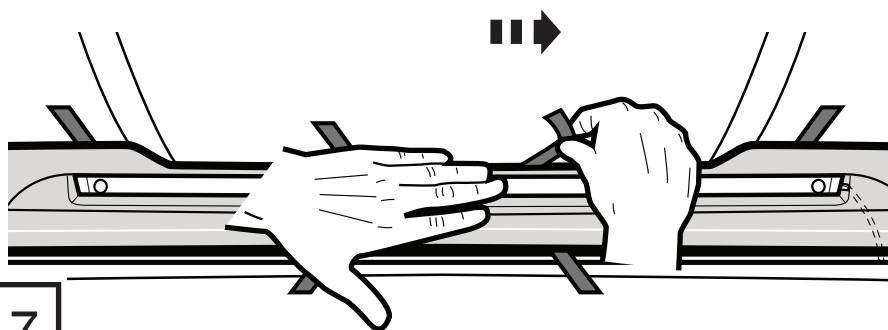


foam tab

electrical wire

16

Begin removing remaining tape liner, beginning with the drivers side CENTER TOP sections. Grasping the free end, pull tape gently in 6" (15 cm) sections, while applying even pressure with hand to LightShield. Repeat process for passenger side.

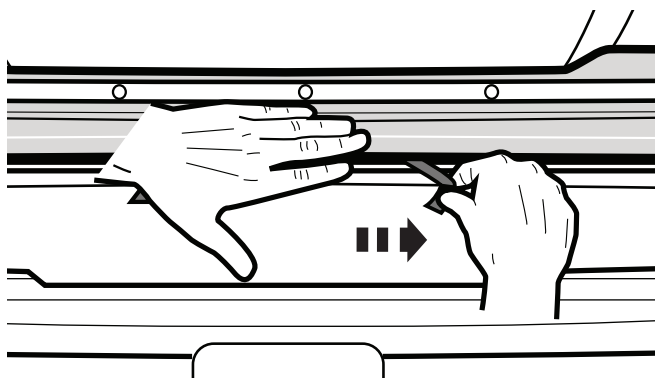


**CAUTION:** You must apply even pressure **from center section out** to each end of part, in order for proper adhesion to hood.

17

**NOTE:** Do not apply pressure closer than 6" (15 cm) to tape liner as it could accidentally break.

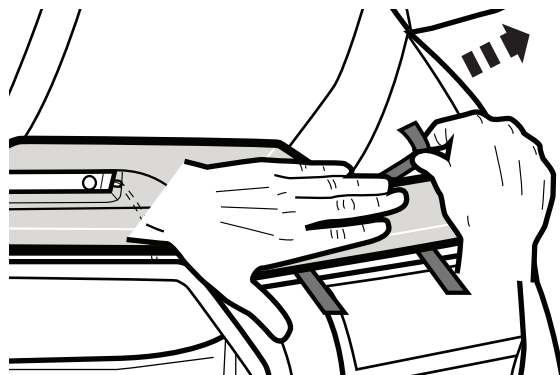
Using the same process, remove tape liner from the driver side CENTER BOTTOM of LightShield. Repeat for passenger side.



**CAUTION:** You must apply even pressure **from center section out** to each end of part, in order for proper adhesion to hood.

18

Again using the same process, remove tape liners from the driver side FAR SIDE EDGES and FAR BOTTOM EDGES of LightShield. Repeat for passenger side.



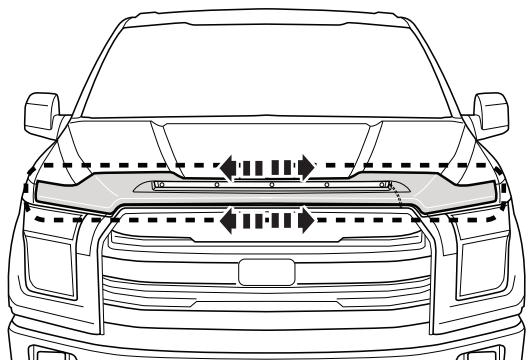
**NOTE:** Some applications do not have side tape by design.

19

## Installation Steps

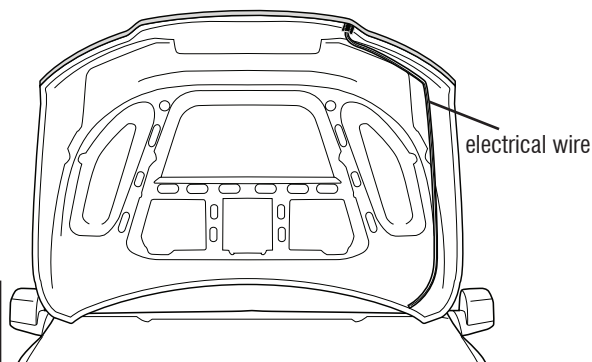
**NOTE:** Actual application may vary slightly from illustrations.

Press firmly along all edges of LightShield to ensure adhesion of tape to hood surface.



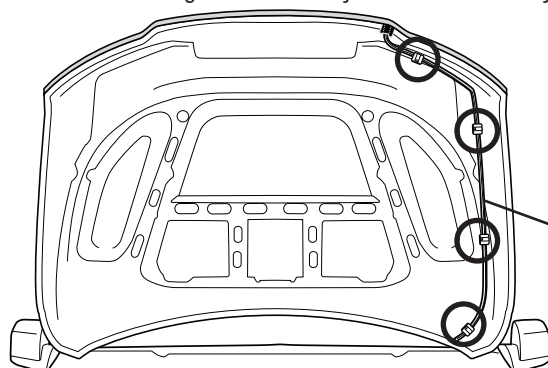
20

Raise hood, and route electrical wire under front edge of hood.



21

Determine location to route electrical wire so that it will be secure and does not interfere with any existing equipment. 3-4 Wire Stays are used to hold the electrical wire in position. Clean mounting locations with an alcohol pad, then remove adhesive backing from Wire Stays. Adhere Wire Stays to hood and route electrical wire through them.



Example of Wire Stays placement locations

electrical wire

### NOTE for Jeep Wrangler JL

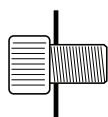
#### 2018+ Owners:

The Lightshield™ wires need to connect into the running light wires located inside the front fender flares. Connect the BLACK to BLACK, and RED to the WHITE/BROWN wire.

22

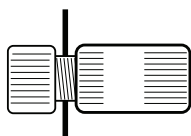
### NOTE: Connect the red wire to the marker light circuit. Connect the black wire to vehicle ground.

To connect electrical wire to hot wire: (1) Insert hotwire in slot on threaded screw, (2) Tighten screw against connector, (3) Strip leads from electrical wire, (4) Insert electrical wire in screw. Tighten onto opposite end of connector. Repeat for ground wire.



Insert Hot Wire

1



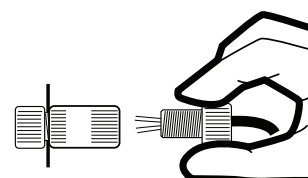
Tighten

2



Strip Leads

3



Insert and Tighten

4

23

## Care and Cleaning

- Wash only with mild soap & dry with a clean cloth.



The material that your product is made from can be recycled. Please also consider recycling the packaging that your product came in.



## Congratulations!

You have purchased one of the many quality Auto Ventshade™ branded products offered by Lund International. We take the utmost pride in our products and want you to enjoy years of satisfaction from your investment. We have made every effort to ensure that your product is top quality in terms of fit, durability, finish and ease of installation.

