



Rshield Headlight Protection Installation Instructions

Rshield Headlight Protection Film Kits come precut for your make, model, year and, where applicable, sub-model vehicle. Because headlights vary widely in terms of their design you may receive a design that is more than a single piece. Many Rshield protection covers are a two or even three piece design. Most vehicles that have wrapped around headlights, like the Tundra shown below, will be a multi-piece design. This requires a little more attention to detail to install properly, but it's still fairly easy.

Rshield Quick Tips:

- Ideal application temperature range is between 70° to 80° F (21° to 27° C). When possible, turn on lights to aid in increasing the surface temperature.
- Surfaces must be clean and dry prior to application
- When removing kit pieces from backing it is best to continuously spray both sides of the tint with an application fluid such as Rapid Tac or a 10:1 water to mild soap solution to prevent premature adhesion of the kit to itself.
- Clean your lights thoroughly with a solution such as Rapid Clear. Use masking tape to test for adhesion. If masking tape curls up and falls off you need to continue cleaning.

Rvinyl.com Preparation Guidelines:

- Ideal application temperature range is 70° to 80° F (21° to 27° C).
- Do not apply during periods of high relative humidity (i.e., when it's raining).
- Surfaces must be clean and dry prior to application.
- Do not bend kit pieces back and forth as this causes the adhesive to wrinkle when applying.

Recommended Tools and Solutions

- Heat gun or blow dryer
- Rapid Prep solution or 10:1 water to soap solution
- Rapid Tac solution 10:1 water to soap solution
- Squeegee
- Burnishing Tools
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Rshield Headlight Protection Cover Installation

Step 1: Clean the Light Housing and Lens

For proper adhesion, clean all surfaces using a 2:1 mixture of water to Isopropyl alcohol, Rapid Prep.

Note: Prior to cleaning test solution in an inconspicuous area.

Use a clean, lint-free cloth to cleanse the application area. Insure the lens is dry and all oils and residues have been removed prior to application.



A good test is to see if masking tape will stick to the application surface, if it sticks then the surface is ready for application. If it does not stick then further cleaning may be necessary.



Step 2: Application Solution

Rshield film can be applied dry onto smaller lights, although we generally recommend a wet application method.

Spray a liberal amount of the Rapid Tac or 10:1 water to mild soap solution onto the light which will allow you to reposition the film during the application process.

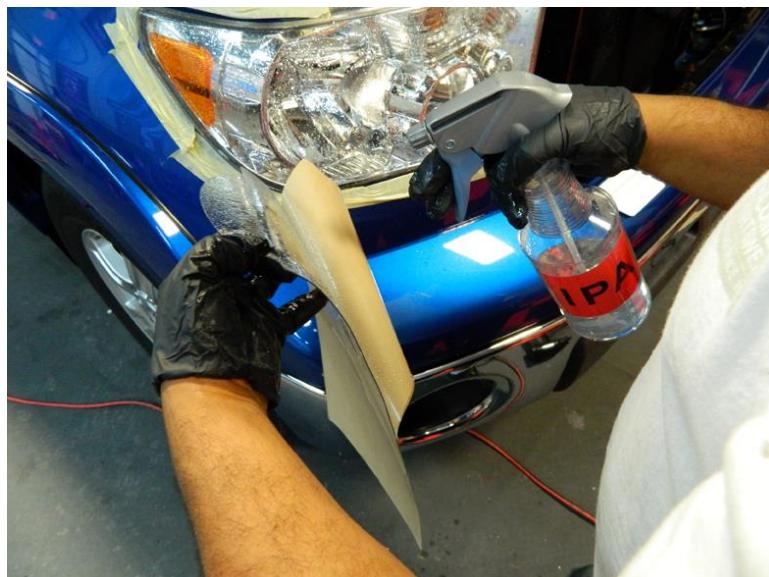
Remove the tint from the liner, spray with application fluid. This will allow you to reposition the film on the light.

Quick Tip: Let the film sit outside in the sun for a couple hours so it becomes more pliable. This helps quite a bit during initial test fitting and even during installation.



Step 3: Test Fitting

Start out by testing fitting. This is to check and make sure everything lines up properly.



Step 4: Beginning Installation – Peel Back Liner

Partially peel back the paper backing, spray it with the water-soap or Rapid Tac solution. Line up a corner first, and then work your way out. Don't slap the entire film on and expect it to be perfectly lined up. The film is pretty forgiving for the most part, but if you keep pulling on it because you didn't get it to line up, you can stretch and deform the film.



Step 5: Use a Heat Gun or Blow Dryer to Stretch Film

With the paper backing still attached to some of the film, use a heat gun (or a high powered blow dryer) and a squeegee to remove any excess solution.

This ensures that no air pockets form. Working your way across the film slowly and gently peel away the liner.



Repeat this procedure with all pieces of the headlight protection kit.



Trouble Shooting and Aftercare



Haziness/Cloudiness

Immediately following installation, you might notice some haziness in the lens. This is perfectly normal and will go away within a couple days.

Bubble Popping

If, after 48 to 72 hours bubbles still have not disappeared completely you may pop them using a burnishing tool or pin. Be careful not to scratch the headlights during this process. You should not attempt this technique if there are visible particles causing the bubbles. This means you did not clean properly and will need to remove the covers and begin again.

The Rshield Headlight Protection Film Kit provides years of unsurpassed protection that no coating or plastic sealant can match. The film is strong enough to withstand years of road salt and other contaminants. It will not yellow or discolor over time Rshield even goes as far as to back it with a 3 year warranty.