



Paint Protection Film Products

Div. The GraFX Group

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INSTALLATION INSTRUCTIONS

Please visit our website www.nochip.com and click on the **INSTALLATION** tab at the top.

- Watch the **3M Pro-Series Installation Videos** for installation tips.
- You can also download and read the detailed step-by-step written instructions.

REMINDERS:

- Be sure your entire vehicle is clean and dry to start. You don't want dirt migrating under the film. Pay special attention to areas that may trap dirt, giving them a thorough rinse.
- Remove wax, or grease from any areas that the film will stick to, paying special attention to under the hood & fender edges and any other area where the kit wraps in.
- Find a well-lighted, sheltered location out of the weather, wind and direct sunlight to complete your installation. Ambient temperature should be at least 10 degrees C. (50 F) 20 degrees C (68 F) is ideal.
- Have all the tools, cleaners & slip solutions available before you start.
- Allow sufficient time to complete your installation.
- Identify and carefully cut apart the individual pieces on the backer paper.
- We suggest you dry-fit each part to be sure of the placement, alignment and orientation.
- Start with smaller easy-to-apply parts, moving on to more difficult applications.

BASIC HOOD KITS are designed to sit 1/8" back from the front edge of the hood.

Basic Hood Kits to not wrap around the edges of the hood. Most kits require some stretching into place.

STANDARD HOOD & FENDER KITS

Watch the Installation Video Segment **Stretching Pre-Cut Hood**.

Start with **Fenders first**. Use the installed fender parts for correct top-edge alignment of the hood kit.

Standard Hood kits wrap around the front and side edges. They contain relief cut-outs to assist in wrapping the outside corners. Be sure to position the cut-outs accurately just off the leading-edge to allow them to easily wrap. This will save you time and make a nicer installation. Most kits require some stretching into place.

BUMPER KITS will require two people to complete successfully in most cases.

Watch the Installation Video Segment **Pre-Cut Kit Installed on a Bumper**.

Installation GEL is highly recommended for Bumper Kit installation. The viscos nature of the GEL helps the kit better cling to vertical surfaces and allows more time to reposition and fit the kit. If this is not an option in your case, get help from a friend to initially position your bumper kit. Temporarily tack the ends with Alcohol Solution during initial installation to prevent it falling off as you position the kit.

Look for obvious alignment points on your bumper, like parking sensors, headlight washers or tow hooks.

BULK FILM

Remember that you are applying a flat two-dimensional part to a curved three-dimensional surface. Some stretching of the film into place is often required.

The **Installation Videos** illustrate how the slip solution and alcohol solution work together, and how to correctly get the film to conform to curves, squeegee techniques and other tips.

Slip Solutions—See over for Recipe ...



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INSTALLATION SOLUTION RECIPE

Please visit our website www.nochip.com and click on the **INSTALLATION** tab at the top. Watch the 3M Installation Video segment on **Mixing Installation Solutions**

3M recommends using a **two-solution** application method for optimal appearance and results.

- **APPLICATION (SLIP) SOLUTION**

Add 2 Millilitres of Johnson's Baby Shampoo to 1 Litre (34 oz) of Filtered or Distilled Water. Fill a spray bottle with the mixture.

For more slip add more shampoo. As a general rule, the larger the film area to install, the more slip you want in your Slip Solution.

- **ALCOHOL (Tack) SOLUTION**

Add 240 ML (8 oz) of **70% Isopropyl Alcohol** to 700 ML (24 oz) of Filtered or Distilled Water.

Or 150 ML (5 oz) of **99% Isopropyl Alcohol** to 700 ML (24 oz) of Filtered or Distilled Water. Fill a spray bottle with the mixture.

- **INSTALLATION GEL** (Optional)

GEL replaces the need for slip solution.

This professional grade product eases application of Paint Protection Film and is highly recommended for full bumper kits and full body panels wraps like full hood or full fender kits.

Usually GEL should be used undiluted. Fill a spray bottle with the mixture.

If you are using a pump up or pressurized sprayer, GEL may be diluted up to 3 parts GEL to 1 part Filtered or Distilled Water to flow better through the sprayer.

GEL Clings well to vertical surfaces. It allows the film to "float" and not stick prematurely when positioning GEL will prevent larger areas from tacking up before you have a chance to come back and squeegee them. Spray the GEL on the vehicle body panel coating the entire surface.

You can spray GEL or SLIP SOLUTION on the adhesive side of the film.

Use ALCOHOL SOLUTION only to tack the film at key alignment points.

Squeegee the kit to the vehicle using the overlapping stroke technique illustrated in our installation videos, using SLIP SOLUTION to lubricate the surface.

INSTALLATION TIPS

- Wash your hands before starting the application, to avoid fingerprints on the adhesive.
- Remember that the Application Solution prevents the aggressive adhesive on the PPF from sticking to the vehicle too quickly. Use it to position the film.
- The Tack Solution disperses the Application Solution in the areas you need more aggressive adhesion only.
- The top surface of the film should be wet with the Application Solution throughout the application to allow the squeegee to easily slide across the film. You may find using a stiffer squeegee wrapped in a wet synthetic chamois to be effective for chasing out "fingers".
- Adjust solutions according to personal preference and ambient temperatures. Hot weather will require more slip in the Application Solution—add more Baby Shampoo.



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