

INSTALLATION GUIDE

Paint Protection Film



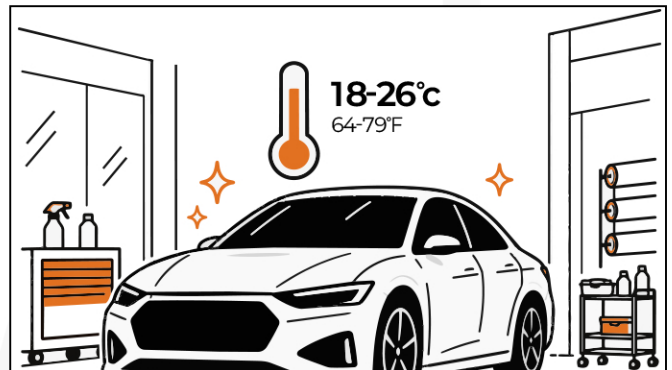
1 Vehicle Preparation

- 1 Thoroughly wash the installation area and remove contaminants.
- 2 Completely remove dust, debris, wax, oils, and other surface contaminants.
- 3 If needed, use a clay bar to remove bonded contaminants from the surface.
- 4 Carefully clean panel edges, gaps, emblems, and surrounding areas.
- 5 Confirm that the paint surface is completely clean before installation.

DO NOT install PPF on unstable paint, freshly painted surfaces that have not fully cured, or damaged surfaces.

- 1 For the best results, installation in a clean, controlled indoor environment is recommended.
- 2 Recommended temperature: 18–26°C (64–79°F)
- 3 Avoid direct sunlight during installation.
- 4 Minimize airborne dust and contaminants.

KEEP hands, tools, and the work surface clean throughout the installation process.



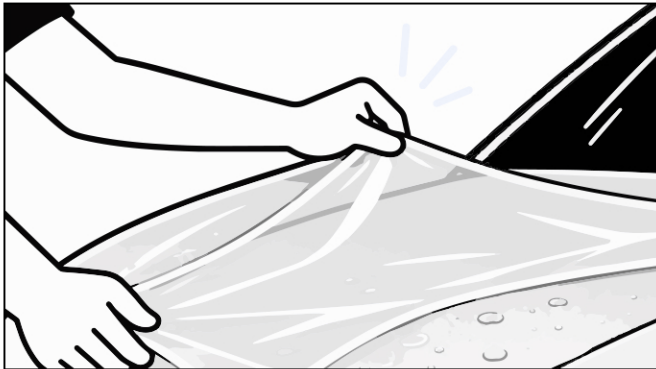
2 Prepping the Install Area



3 Installation Solutions

- 1 Slip Solution: Used to position and align the film on the vehicle surface.
- 2 Mix an appropriate amount of slip agent with clean water.
- 3 Tack Solution: Used in areas requiring increased initial adhesion, particularly edges, corners and areas where the film has to be stretched.
- 4 Mix an appropriate amount of tack agent with clean water, or use an alcohol-based solution.

THE MIXING RATIO may need to be adjusted depending on temperature, humidity, film type, and installation conditions.



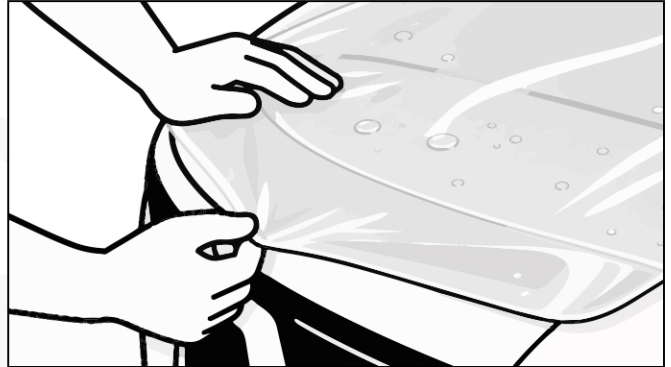
4 Positioning the Film

- 1 Establish appropriate anchor points to hold the film securely in place.
- 2 Apply appropriate tension to the film only where needed to conform to the panel shape.
- 3 Do not overstretch the film.
- 4 Ensure tension is distributed evenly across the film.
- 5 Avoid concentrating excessive tension at corners or edges.
- 6 Reposition the film as needed rather than forcing it to fit.

OVERSTRETCHING can affect the film's appearance, adhesion, and long-term durability.

- 1 Carefully remove the release liner.
- 2 Spray the panel and the film's adhesive side thoroughly with slip solution.
- 3 Keep the adhesive side sufficiently wet to prevent it from drying out, and take care to avoid contamination.
- 4 Place the film onto the panel and position it. (*In the case of Color PPF or Color-Shift PPF, make sure the colors are aligned.)
- 5 Confirm that the film is correctly positioned before beginning final squeegee work.

BE CAREFUL that the adhesive side of the film does not come in contact with clothing, the floor, or any contaminated surface.



5 Film Securing & Stretching



6 Squeegeeing the Film

- 1 Use a clean, PPF-specific squeegee to remove installation solution from beneath the film.
- 2 Work sequentially outward from the anchor point.
- 3 Maintain steady, sufficient pressure throughout the squeegee process.
- 4 Use consistent, overlapping strokes.
- 5 Take care to prevent water or solution from re-entering areas that have already been squeegeed.
- 6 Check frequently for fingers, bubbles, debris, or residual solution.

KEEP the squeegee blade clean and properly lubricated at all times to minimize surface marking.

- 1 Use Tack Solution in areas that require additional adhesion.
- 2 Remove any remaining Slip Solution thoroughly before finishing the edges.
- 3 Allow sufficient time for the adhesive to begin bonding.
- 4 Check that excessive tension is not pulling on the edges.
- 5 Secure corners and complex contours carefully.

WHEN wrapping edges under, be sure the back of the panel is clean before securing the film.



7 Edges and Corners



8 Trimming

- ① Use extra caution when trimming the film near the paint surface.
- ② Use trimming techniques and tools appropriate for PPF installation.
- ③ Maintain a consistent trim margin.
- ④ Do not apply excessive pressure to the blade.
- ⑤ Do not cut directly on the vehicle's paint surface.



USE PRE-CUT patterns or other safe trimming techniques suitable for PPF installation whenever possible.

- ① Thoroughly inspect the entire installation before returning the vehicle to the customer.
- ② Check the film's positioning (*in the case of Color PPF or Color-Shift PPF, also make sure the colors are aligned), and look for lifting at edges or corners, fingers, bubbles, trapped moisture, debris, contamination, stretch marks, adhesive layer distortion, and any other visible installation defects.
- ③ Once initial adhesion has taken place, recheck all edges and areas of high tension.



9 Final Inspection

Post-Installation Care & Installation Notes

“ Advise the vehicle owner that the film needs adequate time to fully settle and cure. ”

1 Avoid washing the vehicle for at least **48 hours** after installation.



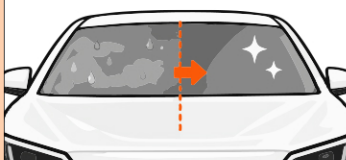
2 Do not spray **high-pressure water** directly at the film's edges.



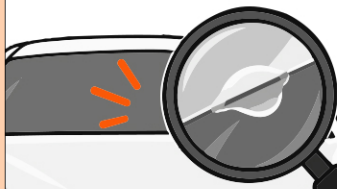
3 Do not **pick at** or **pull on** the film's edges by hand.



4 Some moisture or slight haziness may remain right after installation and will generally **clear up naturally** as the film dries.



5 If unusual lifting or bubbling is found, **inspect the installation** before attempting any correction.



Installation Results

can vary depending on vehicle condition, paint quality, installation environment, installer skill, and film characteristics.

For the Best Results,

installation by a professionally trained PPF installer is recommended.

