

CER
AMIC
PRO

WINDSHIELD

PROTECTION FILM

PRODUCT INSTALLATION GUIDE

Windshield Protection Film (WPF) Installation Instructions - TPU

Tools Needed

- Spray bottle with 7th Gen dish soap (14ml per 32oz)
- 70% or 91% Isopropyl alcohol
- White scrub pad
- Mr. Clean magic eraser
- Clay bar
- Plastic pry tools
- Medium-firm 5" handled squeegee (or softer)
- Larger prep squeegee
- Knife with stainless steel blades
- Heat gun
- Wiper puller tool (optional)
- Socket tool set (optional)

Preparation

1. **Remove** trim pieces by A-pillar to expose the edge of the glass. If wiper arms are not able to be positioned out of the way, it is recommended to remove them to give more working room on the bottom edge.
2. **Clean** off the windshield and surrounding panels with a towel and soapy water. Pay close attention to the cracks and crevices that hold dirt, use a detail brush if necessary.
3. **Scrub** the outside of the glass with a white scrub pad and water solution, wipe clean, then use a clay bar with soapy water.
4. **Use** your hand to feel the surface for any contamination. If additional cleaning is needed, use a brand-new stainless-steel razor blade or 0000 steel wool to remove.
5. **Use** a magic eraser with rubbing alcohol to wipe clean the entire window. This will remove any potential oils or glass treatments.
6. **Wipe** clean and inspect the inside and outside of glass. Notate any existing scratches, pits, chips, or defects and notify the customer.

Installation

1. **Measure** the width of the windshield at the widest point and cut WPF film to be about 2-3 inches bigger.
2. **Remove** the cap sheet and place the WPF on a wet peel board with the liner side facing you.
3. **(OPTIONAL)** This step is helpful when choosing to keep windshield wipers installed. Place cap sheet on wet windshield and tack it into place with handled squeegee. Trace bottom cowling edge with a wax pencil or sharpie. Move cap sheet back to WPF and tack it into place. Use it as a stencil to pre-cut the WPF and remove after cutting.
4. **Spray** windshield with water and squeegee clean with the large prep squeegee.
5. **Spray** windshield again but have complete coverage on glass.
6. **Peel** the liner off the WPF and spray the exposed adhesive. Fully saturate and soak the adhesive, do not be limited with the water being used.
7. **Transfer** the WPF onto the windshield and place it as close as possible to where it will be installed. This film does not like to be slid on it's adhesive. Note: sometimes spraying the windshield again immediately before placing the film is helpful to avoid adhesive disturbance.
8. **Position** the film to be overlapped on all sides. Note: when using the cap sheet template, the bottom edge will be positioned with a small gap along the edge.
9. **Use** your hands to smooth out any large bubbles or fingers.
10. **Use** the 5" handled squeegee in the center of the window vertically to split the window in half.
11. **Using** horizontal passes and medium pressure, squeegee the water out on the half you are standing next to. Do not press too hard. Medium pressure or slightly lighter is sufficient.
12. **Squeegee** the same half again with vertical overlapping passes but hard pressure to push as much water out as possible.
13. **Move** to the other side of the car for the second half.
14. **Lift** the WPF to the halfway point and spray again to avoid any pre-tack.
15. **Using** horizontal passes and medium pressure, squeegee the water out on the half you are standing next to. Do not press too hard. Medium pressure or slightly lighter is sufficient.
16. **Squeegee** the same half again with vertical overlapping passes with slight pressure increase to push as much water out as possible. Medium to medium hard pressure.

Cut + Finalize

1. **Using** a knife with stainless steel blade, cut the film to be 1/8-1/16" from all edges.
2. **When** cutting WPF, use a technique like cutting PPF where you are not cutting completely through the material thickness, just the top coat.
3. **This** film can also be wet shaved along an exposed edge of glass for a gapless installation.
4. **Use** a heat gun to post heat and lock down all edges of the material. Use a flat towel to absorb any excess water on the edges.
5. **Reassemble** all the window trim pieces and wiper blades. Do not rest the wiper blades on the glass while it is curing, they will imprint the film.
6. **Wipe** the glass clean with window cleaner and leave out of direct sunlight to cure.
Trapped water during the curing process is normal and expected. The more water pushed out during the installation process, the quicker it will cure. Complete curing can vary based on climate and weather conditions as well.