

## EVSmartParts.com Rear fender lip paint protection kit “Wet” application instructions

Instruction title: How to install rear fender lip protection using the “Wet” PPF (Paint Protective Film) process. **THIS PROCESS IS NOT TO BE DONE IN THE COLD ON A COLD CAR.**

### Overview:

Applying the 2 PPF strips “wet” is a lot like putting decals or stickers on model cars and planes except that this material is slightly stretchy. It is done with the wheels on. It involves simple preparation as described in the instructions and a simple process of peeling off the paper backing and wetting both sides of the film as well as wetting the surface of the car you are going to mount it to. You use a very dilute solution of a gentle “baby” shampoo and water (NOT harsh liquid detergent) to make the process of aligning the PPF possible. The wet process is more forgiving than simply sticking the film on dry because you can remove it and try again and move the film around to match the curves of this part of the car. When properly in place gradually squeegee the liquid and air out from under the PPF film while holding the PPF in place with your other hand. You may have to trim off some excess from stretching at the bottom of the PPF when you are done applying it. There is no rush to this part of the process so relax and take your time to get it just right. Removing the water from between the adhesive side (back side) of the PPF and the paint allows the adhesive to stick to the fender. Do not wash this area for at least 24 hours to allow it to adhere completely and do not apply pressure washers to this area or any PPF film covered seam. If you do not have time to apply the PPF or are not sure of the process, perhaps visit a local shop and ask them to do it for a small payment. You do not have to remove the wheels in order to apply the PPF but a well-lit area is important. **WORK ON A WARM CAR IN A WARM INDOOR ENVIRONMENT.**



Note: PPF strips are labeled “R” (passenger Right side in USA)” and “L” (driver’s Left side in USA)”. It is your car so enjoy the process and the results of making it better while maintaining the minimalistic sleek looks of the Tesla Model 3!

Special options: Use alcohol and water solution: 25% isopropyl (rubbing) alcohol with 75% water for application to tack down starting areas such as at the top of the PPF strip and to enhance adhesion to curved areas. The alcohol solution activates the adhesive and makes it adhere faster to the surface.

The area  
you will  
protect:

This photo was made using aluminum foil to represent the section of the fender lip that will be protected by the clear PPF. The area is approximately 9” (22 cm) top to bottom. The PPF will conform to the curves of the fender lip when you follow the instructions and are patient. You can also bring the PPF to a shop where they install PPF and ask them to apply it. You will be starting at the top and working towards the bottom where the PPF can be folded under the fender lip.



Preparation

1. Surfaces must be clean, free of dirt, wax, and lint, **and at 13°C to 32°C (55°F to 90°F)**. Your hands must be clean as well.
2. Add 1/5 teaspoon of Johnson's Baby Shampoo or equivalent mild baby soap to 16 ounces of water.
3. Keep your fingers wet with this solution while handling PPF.
4. PPF strips are labeled "R" (passenger Right side in USA)" and "L" (driver's Left side in USA)".
5. Do not remove paper backing yet.



Verify

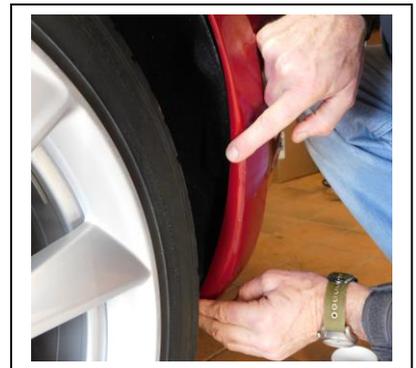
6. Verify that you have the correct L or R piece. The paper backing is touching the fender lip and the shiny side faces out. The adhesive is between the shiny side and the paper side and will be exposed when the paper backing is peeled off.
7. Note: The contour of the inside edge of the PPF must align up exactly with the inside edge of the fender lip. The PPF sticking out past the fender will be smoothed down during the process. Do not trim this off. Some stretching will occur and is necessary for a smooth professional installation.



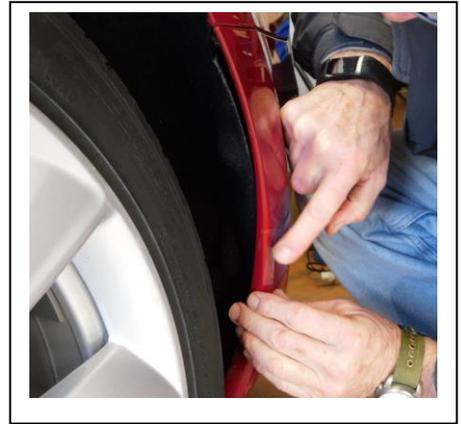
Inside edge of fender lip.

POSITION  
AND  
APPLY

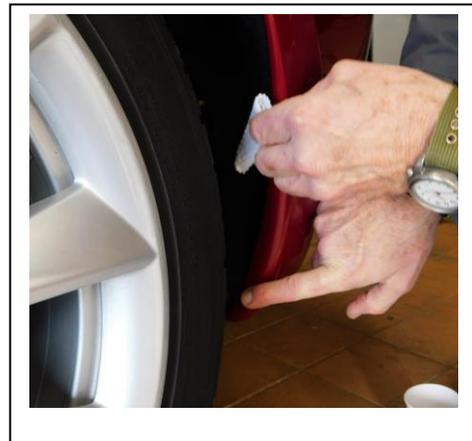
8. Wet your fingers and the surface of the working area thoroughly with water/soap solution.
9. Place the piece of PPF face down on a flat surface and remove the paper backing by slowly pulling backing directly back upon itself at an angle of 180°. This will minimize stretching of the film.
10. Now wet both sides of the PPF with water/soap solution and keep the adhesive and application surface wet during application to facilitate repositioning. You can never use too much soap/water application solution.
11. Place the top of the wet PPF film against the fender lip and gently press it with your fingers from the top to the bottom to establish correct positioning.



12. Press it to conform to the contours of the fender. Everything is done in small steps. If it is cold the PPF will not stretch easily. The warmer the car and the air in your work space is, the easier it will be to form the PPF.



13. Starting at the center, squeegee the solution and air from under the film. This will help the film to adhere to the bodywork. The more press out the solution the more it will stick...but it will still move if you do not hold in place.
14. Keep the adhesive and application surface wet during application to facilitate repositioning. Keep it in mind that this is careful gradual process of stretching and conforming the PPF film to these curved areas.



15. Using 2 hands, gently stretch it at the bottom rounded corner of the fender lip to help it conform to the shape. Pull gently and be sure to keep the rest of the PPF from slipping or moving out of place. Fold it under the fender lip at the bottom.
16. Check and recheck that the inside curve of the PPF is even with the inside edge of the fender lip.
17. Trim off any excess at the bottom with a small sharp scissors.



18. Apply a very small dab of RTV sealer at the very bottom end of the PPF to inconspicuously secure the PPF. This protects the PPF in this high impact area and tacks it in place.
19. As with all PPF trim, do not wash this area for at least 24 hrs. **Never direct high-pressure spray onto any PPF seams, PPF trim, backup cameras, sensors, seals, or gaskets. Pressures can be as high as 3,000 PSI (206 bar)!**



Additional PPF trim kits are available for a nominal charge by contacting us at [evsmartparts@gmail.com](mailto:evsmartparts@gmail.com)