



# CITIZEN ARMOR

## Installing Smash and Grab™ Security Film on a Vehicle Window

- 1. Remove the Window from the Vehicle**
  - a. To ensure a proper installation of Smash and Grab™ Security Film, we recommend removing the window from the vehicle, using an auto glass technician.
- 2. Prepare all Recommended Tools & Work Area**
  - a. In a clean/dust free environment, assemble all recommended and required tools, which include: a heat gun, a spray bottle, dish soap, water, rubbing alcohol, paper towels, scissors, a utility knife, a straight edge razor blade, a regular squeegee and a smaller firmer squeegee in addition to two clamps. Outdoor application is not recommended due to dust in the air that can adhere to the film. Prepare a scratch free surface to begin work on the window.
- 3. Clean Window with Rubbing Alcohol**
  - a. Start by cleaning both sides of the window with rubbing alcohol and wipe dry with a paper towel.
- 4. Clean Window with Soapy Solution**
  - a. Mix 2 drops of dish soap in 16 ounces of water in a spray bottle. Spray the soapy water on the window and use a razor blade to clean off any dirt. Wipe dry with a paper towel and repeat on the other side.
- 5. Trim Smash and Grab™ Security Film**
  - a. Use scissors to trim Smash and Grab™ Security Film to your window shape, adding 1 inch of overlap all around the edges, except for the very bottom near the door clips or base.
- 6. Spray Window with Soapy Water**
  - a. Spray the window with the soapy water, applying very liberally.
- 7. Remove Backing from Smash and Grab™ Security Film**
  - a. Starting at the top of the film, remove the backing completely and discard the backing sheet.
- 8. Spray the Adhesive Side with Soapy Water**
  - a. Spray the newly exposed adhesive side of the Smash and Grab™ Security Film liberally with soapy water.
- 9. Apply Film to the window with even spacing**
  - a. Apply the soapy side of the film to the soapy window, ensuring that your 1" overlap is still in place around the edges.
- 10. Spray the top of the film with soapy water**
  - a. Spray soapy water over the film to reduce any friction from the squeegee in the next step.
- 11. Squeegee the Window to Remove Air Pockets**
  - a. Using the smaller squeegee, start in the center of the window and squeegee from the top down. This will start to remove any air pockets and adhere the Smash and Grab™ Security Film to the window. It may help to stand the window up, so the soapy water can run down. From the center, work your way out and then around the edges.
- 12. Clamp & Trim the excess Smash and Grab™ Security Film**
  - a. Clamp the Smash and Grab™ Security Film on each side of the window to secure the film to the window. Using a sharp utility knife, cut around the film at the edge of the window, using a slight 45 degree angle so no film edge can be felt. Rotate clamps to cut around entire window. A close cut helps to ensure that no air can re-enter the film after application. Remove clamps.
- 13. Clean Window with Rubbing Alcohol**
  - a. Clean the window with rubbing alcohol and dry with a paper towel

**14. Ensure all air pockets have been removed**

- a. Spray the window with the soapy water again and starting in the center, use the small squeegee from the top down, removing the soapy water and ensuring no air bubbles or pockets are present. Catch the water at the end with a paper towel, to ensure soapy water doesn't re-enter the film. Dry both sides and edges well with a paper towel.

**15. Apply Heat to Window**

- a. Using a heat gun on high at 790 degrees and apply heat over the top of the entire window. Keep the gun moving and don't get closer than 4 inches from the film, to avoid any shrinking of the film. This step helps to dry and cure the window. Heat can also be used when applying film to a window with more of a curve.

**16. Let the Window Cure for 24 Hours Before Use**

- a. To ensure proper application, the window needs to be cured for 24 hours before use or re-installation into the vehicle.

**17. Install Window and Enjoy the Benefits of Smash and Grab™ Security Film**

- a. After 24 hours, the window can be installed back into the vehicle and will be protected if hit with a hard object. Thank you for purchasing and installing Smash and Grab™ Security Film. Please contact us for any questions or visit our website to view our additional protective products.