

# PROTECTION PANEL

## INSTALLATION INSTRUCTIONS

### WHAT'S INCLUDED

- Protection Panels
- Stainless Steel Fasteners
- T25 Torx Bit
- Positioning Tape (When Applicable)

### TOOLS REQUIRED

- Cordless Drill
- 1/4" Driver for the T25 Torx Bit
- Soft Cotton or Microfiber Wiping Towels
- Denatured Alcohol

### • Scrape Armor Protection Panel Installation Kit (Included)

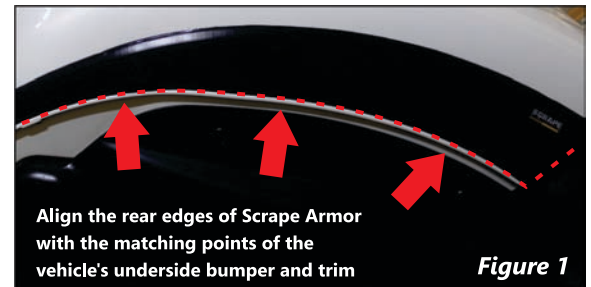
- Kit Includes:
- Scrape Seal® Compound w/Nozzle
  - Scrape Blend® Spray
  - Blending Tool
  - Self-Centering Drill Bit

### BEFORE YOU START

- **SURFACE PREP** - Clean all surfaces on front and lower bumper/valance ensuring they are free of dirt, oil, debris and moisture.
- **INSTALL ENVIRONMENT** - Environment should be within a temperature range of 50° - 90°F (10° - 32.2° C).
- **ADDITIONAL TIP** - Scrape Armor protection panels are shipped flat, but some installations may benefit from pre-bending corners/edges of the Protection Panel to the shape of the car during the Dry Fit phase of installation. This is easily accomplished by heating the backside of the panel with a heat gun or hair dryer to 200-220° and pre-bending it with gloved hands to the desired shape.

**NOTE : Scrape Seal Compound, Scrape Blend Spray and the Blending Tool WILL NOT harm the finish of your vehicle.**

- 1 Dry Fit** - Before proceeding with installation, dry fit all panels by aligning the rear edges of the Protection Panels with the matching contours of the rear/ side edges vehicle's bumper. Temporarily hold the panels in place with factory mounting hardware, or with supplied Positioning Tape if none exist. This method ensures proper alignment of the front edge. *See Figure 1*



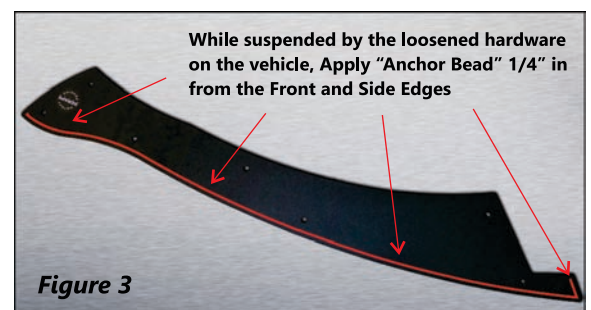
- 2 Pre-Drill** - Using a cordless drill with the Scrape Armor Self-Centering Drill Bit, drill the necessary mounting holes by utilizing the countersunk holes in the Protection Panel as pilot guides. Carefully screw the provided fasteners into these pilot holes to create threads, but do not tighten. *See Figure 2*



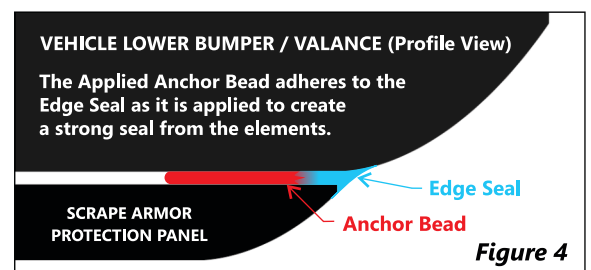
- 3 Clean** - Remove debris between the Protection Panel and the car that may remain after the drilling process. If Positioning Tape was used during the dry fit process, remove it before proceeding.

- 4 Loosely Mount** - Loosely mount the Protection Panels with all fasteners, allowing them to hang with a gap of 1/4" to 3/8" from the bumper.

- 5 Anchor Bead** - Proper mounting of the Protection Panels requires an "Anchor Bead" of Scrape Seal Compound to be applied to the back of each protection panel. While the Protection Panel is suspended by the loosened hardware, apply a continuous bead of Scrape Seal 1/4 inch back from the front edge, this creates an anchor point for the finished Scrape Seal edge and an optimal seal. *See Figure 3 and 4*



*Note: When the panel is secured into its final position with hardware the Anchor Bead should be squeezed out of the front and side edges so it may combine with the Edge Seal when it is applied later in the installation process..*



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- 6 Fasten** - Install protection panels with the supplied Stainless Steel Fasteners. Hand tighten to avoid over-tightening and/or stripping the threads in the bumper. *See Figure 5*  
***Use of a cordless screw gun for this step is NOT recommended.***
- 7 Seal** - Apply continuous bead of Scrape Seal Compound to the gap in between the front and side edges of the Protection Panel(s) where it meets the vehicle surface. *See Figure 6*
- 8 Blend** - Within 5 minutes of Scrape Seal application, shake the Scrape Blend and spray a uniform mist of over the uncured Scrape Seal. Choose a radius on the Blending Tool that best suits the application. Remove excess Scrape Seal by dragging the Blending Tool in a fluid motion to create a smooth, uniform contour between the Protection Panel(s) and the vehicle. *See Figure 7*
- 9 Inspect / Touch-Up / Clean** - If necessary to achieve a uniform contour, add Scrape Seal Compound to joint as needed, reapply Scrape Blend spray and repeat the Blending Tool procedure until desired results are achieved. Denatured alcohol and a soft cotton towel can be used to remove any residual Scrape Seal compound from your hands and areas on the vehicle outside of the blended seal (if necessary).



Figure 5

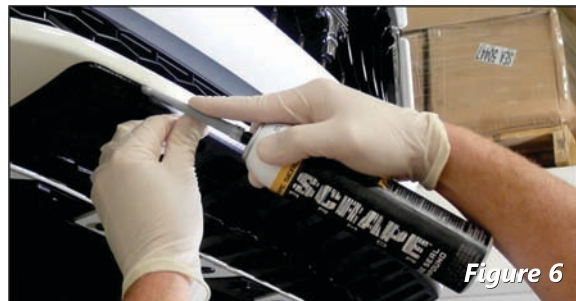


Figure 6



Figure 7

**WITH CAREFUL APPLICATION YOUR FINISHED INSTALLATION SHOULD LOOK LIKE THIS**

