

## DAWN ENTERPRISES INC.

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## INSTALLATION INSTRUCTIONS

PART NUMBER: OPTIMA11  
FOR: 2011 - 2013 Kia Optima 4DR Sedan  
EFFECTIVE: 17 October 2011

### INSTALLATION PACKAGE INCLUDES:

- A) 2 – Paper Hole Locators
- B) 2 – M6 5/8" Screw
- C) 2 – Lock Washers
- D) 2 – Flat Washers
- E) Instruction Sheet

### EXTRA TOOLS NEEDED:

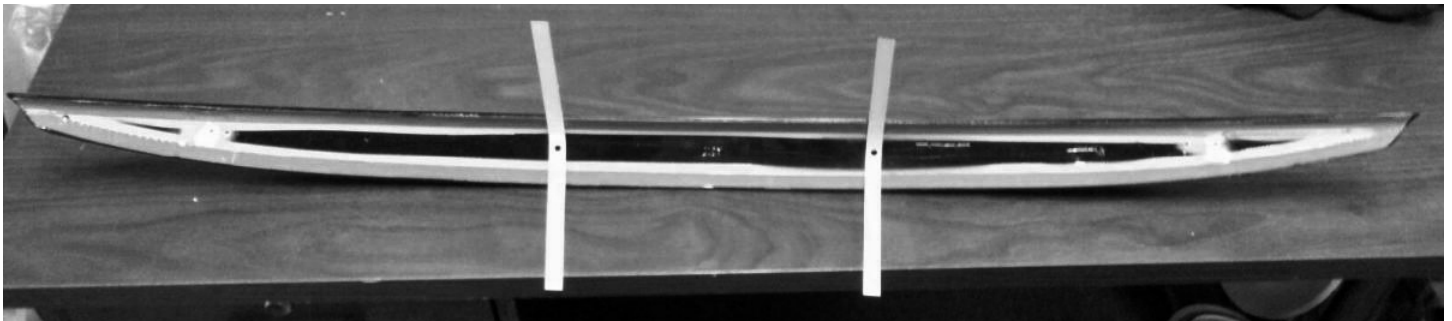
- 1. 1/8" or similar Drill Bit
- 2. Uni-bit
- 3. Phillips Screwdriver

### PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

1. **REMOVE TRUNK LINER!** Close the trunk. Along the driver's side, measure down **19"** from the tip of the trunk lid where it meets the rear window glass (**See Diagram Below**), back towards the rear of the car and make a mark with a grease pencil. Repeat on passenger side.



2. Place the Sportwing® on the marks made in Step #1. As you face the rear of the car, the front tips of the Sportwing® will rest on these marks. Center the Sportwing® exactly from left to right. Using a yellow grease pencil, completely outline the Sportwing®. Remove the Sportwing® from the trunk.
3. Next, place the Sportwing® upside-down on a soft cloth so you do not scratch the painted top surface. **See diagram below.** Using two (2) paper hole locators, provided, remove the liner from the hole locator to expose the adhesive. Place the cut out hole in the hole locator centered exactly over the two (2) threaded sleeves of the fastening area of the Sportwing®. Make sure that the hole locators do not move (**NOTE: a small piece of masking tape is helpful in holding hole locators in place**) carefully place the Sportwing® back onto the outline marks on the deck lid, that you made in Step #2.



4. When Sportwing® is centered on outline marks made in Step #2, and making sure that the two (2) paper hole locators did not move, tape all two (2) paper hole locators to the deck lid using masking tape. Next, carefully lift the Sportwing off the deck lid, leaving the hole locators taped to the deck lid.

5. Using a 1/8" or similar drill bit, drill a 1/8" pilot hole in the exact center of all two (2) hole locators. Remove the hole locators and using a uni-bit (**NOTE: we suggest using a uni-bit for a cleaner cut**) open the two (2) 1/8" pilot holes to 7/16".
6. Apply Zinc Chromate Primer or Touch-Up Paint on the edges of the two (2) 7/16" holes that you drilled in the deck lid.
7. Open the deck lid and notice that you will have access to the top panel of the deck lid for the two (2) fastening holes of the Sportwing®.
8. Place the Sportwing® back onto the outline marks that you made in Step 2. Open the deck lid and check to see that the two (2) 7/16" holes that you made in the deck lid align with the two (2) threaded sleeves of the mounting area of the Sportwing®. If the holes do not align, you may need to file the holes in the deck lid until you are satisfied with the alignment. Using the lock washers and flat washers, put in mounting screws. Tighten only half way.

Next, fasten each outermost fastening hole when all two (2) screws are started. Tighten the two (2) screws until tight—**DO NOT OVER TIGHTEN**—and then tighten both outermost screws until tight, again being careful to not over tighten the screws.

9. Clean up any metal shavings and you are done. Please call the TOLL FREE number at the top of this sheet if you have any questions or if you would like information about other quality Sportwing products®. Thank you for choosing Dawn Enterprises Inc.