



INSTALLATION INSTRUCTIONS

PART NUMBER: OPTIMA11

FOR: 2011 & Up Kia Optima 4DR Sedan

INSTALLATION PACKAGE INCLUDES:

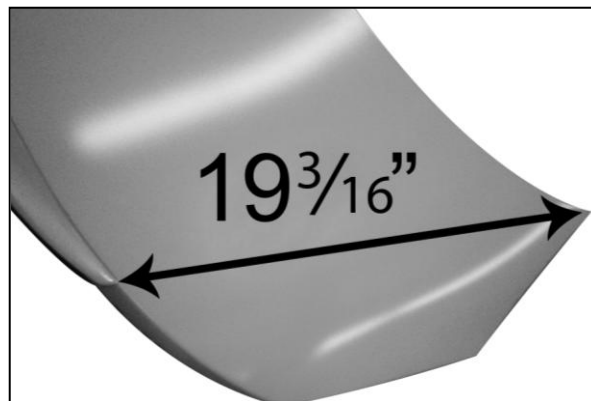
- A) 4 – Paper Hole Locators
- B) 4 – $\frac{3}{4}$ " x $\frac{1}{4}$ " - 20 Mounting Screws
- C) 4 – Lock Washers
- D) 4 – Flat Washers
- E) 2 – 1" Black Hole Plugs
- F) Instruction Sheet

EXTRA TOOLS NEEDED:

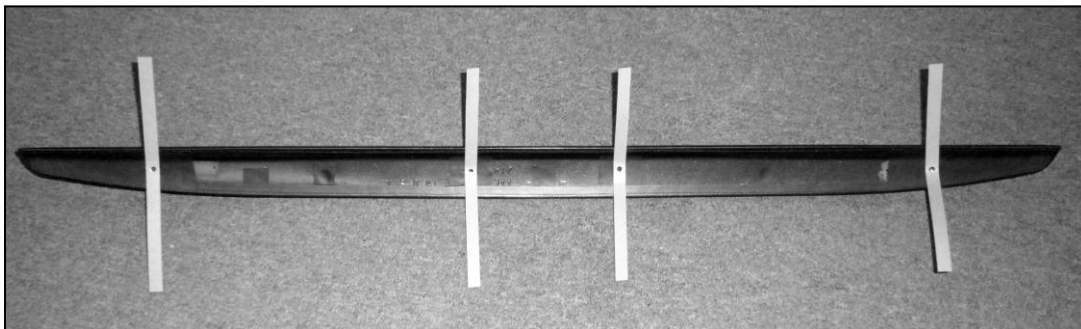
- 1. 1/8" or similar Drill Bit
- 2. Uni-bit
- 3. 1" Hole Saw
- 4. Phillips Screwdriver

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

1. **REMOVE TRUNK LINER!** Close the trunk. **See Diagram below.** Along the driver's side, measure down **19 3/16"** from the tip of the trunk lid where it meets the rear window glass, back towards the rear of the car and make a mark with a grease pencil. Repeat on passenger side.

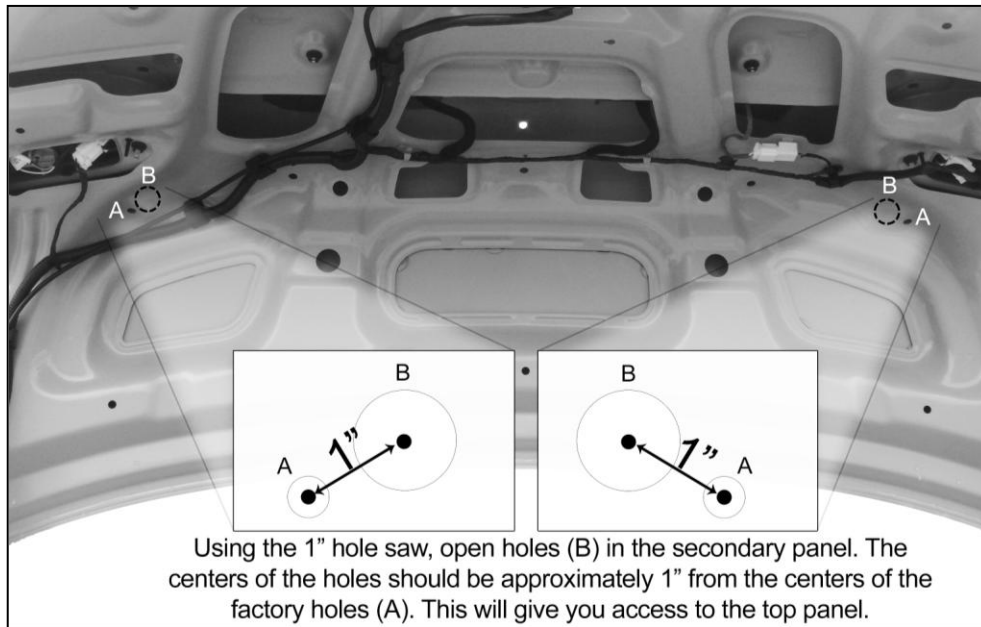


2. Place the DAWN on the marks made in Step #1. As you face the rear of the car, the front tips of the DAWN will rest on these marks. Center the DAWN exactly from left to right. Using a yellow grease pencil, completely outline the DAWN. Remove the DAWN from the trunk.
3. Next, place the DAWN upside-down on a soft cloth so you do not scratch the painted top surface. **See diagram below.** Using four (4) 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 four (4) threaded sleeves of the fastening area of the DAWN. 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 DAWN back onto the outline marks on the deck lid, that you made in Step #2.



4. When DAWN is centered on outline marks made in Step #2, and making sure that the four (4) paper hole locators did not move, tape all three (3) hole locators to the deck lid using masking tape. Next, carefully lift the DAWN 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 four (4) hole locators. Remove the hole locators and using a uni-bit (**NOTE: we suggest using a uni-bit for a cleaner cut**) open the four (4) 1/8" pilot holes to 7/16".
6. Apply Zinc Chromate Primer or Touch-Up Paint on the edges of the four (4) 7/16" holes that you drilled in the deck
7. Open the deck lid and notice that you will have access to the top panel of the deck lid for the two (2) centermost fastening holes of the DAWN .

For each outermost fastening hole, you will need to make a 1" hole in the secondary panel to give you access to the top panel later on in the installation. **See diagram below.** Using a 1" hole saw, open the secondary panel as shown in the diagram below. 1" black hole caps have been provided for these 1" holes upon finishing.



8. Place the DAWN back onto the outline marks that you made in Step 2. Open the deck lid and check to see that the four (4) 7/16" holes that you made in the deck lid align with the four (4) threaded sleeves of the mounting area of the DAWN . 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, starting with the two (2) centermost fastening holes. Tighten only half way.

Next, fasten each outermost fastening hole when all four (4) screws are started. Tighten the two (2) innermost 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.