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INSTALLATION INSTRUCTIONS

PART NUMBER: SORENTO11
FOR: 2011 & UP KIA SORENTO
EFFECTIVE: 7 June 2012

INSTALLATION PACKAGE INCLUDES:

- A. 3 – Paper hole Locators
- B. 3 - M-6 x ½" Mounting Screws
- C. 3 – Flat washers
- D. 1 – Instruction sheet
- E. Extra tools needed: 1/8 or similar drill bit, Uni-Bit needed to make clean cut opening of factory holes in secondary brace as shown in diagram

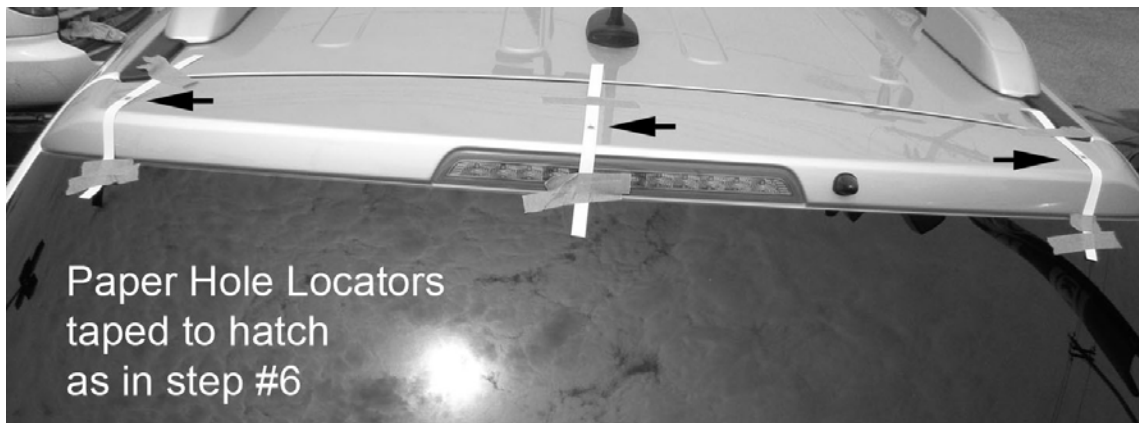
PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

With the car and part in natural sunlight, check for paint match and flaws before installing!

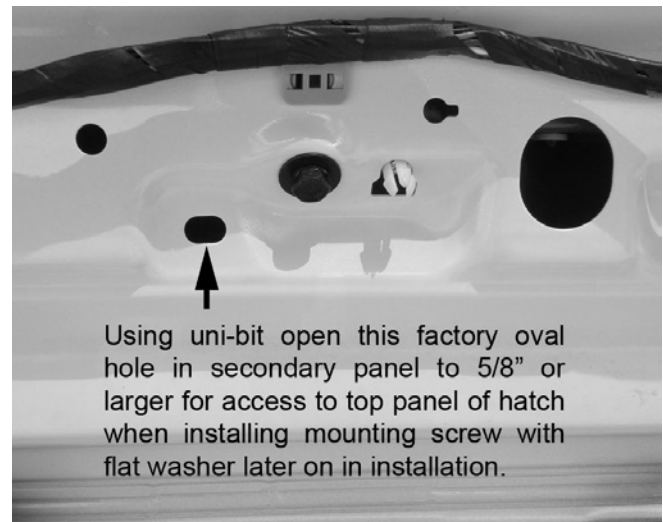
1. Open rear hatch and remove the clipped on panel **shown in Diagram A on the back of the page**, this panel clips off rather easily. After removing trim panel, locate factory cut out hole in the secondary panel of the hatch where the **one (1)** center most fastening holes of the Sportwing® will fasten on later in the installation.
2. Next, locate the two (2) black rubber factory wire harness plugs, one on each side, **as shown in Diagram A on back of page**. Unplug each plug and this will give you access to the secondary panel of the hatch when fastening each outermost fastening location of the Sportwing® later on in the installation. Replace factory plugs upon finishing.
3. Close the hatch. Leaving the paper liner on the bottom of the mounting area of the Sportwing®, place the Sportwing® onto the hatch to where the Sportwing® fits flush to the hatch. Center the Sportwing® left to right. Also, check to see that the hatch opens and that the outside most fastening area of the Sportwing® does not hit the rear edge of roofline when opening hatch. Using a grease pencil, outline each outermost area so that later in the installation when removing paper liner from mounting tape, you will be able to replace the Sportwing® back to your desired position.
4. Remove the Sportwing® and place upside down. **Note: place a soft cloth down so you do not scratch the top painted surface of the wing.** Using the three (3) paper hole locators provided, Perfectly center each locator over the three(3) threaded fastening sleeves. **Note: A small piece of masking tape is helpful in holding the hole locators in place. See Diagram B.**



5. Carefully flip the Sportwing® over, leaving the hole locators still fastening to the threaded sleeves. **Note: make sure none of the hole locators have been moved.** Place the Sportwing® back onto the outlining marks that you made in step #3.
6. Next, when the Sportwing® is in alignment with the outline marks, tape the hole locators onto the deck lid using masking tape. When the three (3) hole locators are taped in place, carefully lift the Sportwing® up off the hatch. Set Sportwing® aside.



7. Using 1/8" or similar drill bit, drill a 1/8" pilot hole in the exact center of each of the three (3) hole locators. After drilling 1/8" pilot hole, remove hole locators. Next, using a 3/8" Uni-Bit, open the three (3) 1/8" holes to 3/8". **Note: we suggest using a Uni-Bit for a cleaner cut.** Apply Zinc Chromate Primer or touch up paint on the edges of the three (3) 3/8" holes made in the hatch.
8. Open the hatch. **See Diagram C.** Using a #2 Uni-Bit, open the factory oval holes in brace between panels 5/8" or 11/16". Opening these holes will allow you to open the top panel of the hatch later in the installation. Repeat procedure on passenger side (**NOTE:** be careful when opening holes in factory brace so that the Uni-Bit does not touch the top panel of the hatch.) See **Diagram** for opening center most fastening hole.



9. A second person is helpful in this next step. Leaving Paper Liner on the bottom on the mounting area place the Sportwing back onto the outline marks that you made in step #3, hold the Sportwing® in place and check to see that the three (3) 3/8" holes that you made in the top of the hatch align with the three (3) threaded mounting sleeves on the bottom of Sportwing®. If holes do not quite align, you may need to file 5/8" holes in secondary brackets until satisfied with alignment.
10. When satisfied with alignment, remove the paper liner from tape on the bottom of the Sportwing® and place the Sportwing® back onto the outline marks that you made in step #3. Do not press Sportwing® into place until you make sure that the threaded sleeves align with the mounting holes in the hatch. Using the three (3) mounting screws with flat washer, install screws until tight. **Do not over tighten.**
11. Clean up any metal shavings, and you are done. If you have any questions, or if you would like information about other quality Sportwing® products, please call the TOLL FREE number at the top of this sheet. Thank you for choosing Dawn Enterprises Inc.