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INSTALLATION INSTRUCTIONS ^C

PART NUMBER: ELA11
FOR: 2011 + Hyundai Elantra
EFFECTIVE: 20 JUN 2011

INSTALLATION PACKAGE INCLUDES:

- A) 5 – Paper Hole Locators (*four for the fastening holes – one for harness wire hole – See Diagram B*)
- B) 4 – M-6 x 1/2" Mounting Screws
- C) 4 – Lock Washers
- D) 4 – Flat Washers
- E) 1 – 3/8" Wire Harness
- F) 2 – Red Electrical Connectors
- G) 4 – 5/8" Black Hole Caps (*for 5/8" holes made in secondary panel*)
- H) Adhesive Pads (*for an unpainted Sportwing®*)
- I) Instruction Sheet

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

1. Remove trunk liner. See Diagram A on back of sheet. Starting on the drivers' side measure down 1/2" from the tip of the trunk lid toward the top of the Sportwing® and place a mark with a grease pencil. Repeat procedure on other side.
2. Leaving the paper liner on the bottom of the mounting feet, place the Sportwing® on the marks made in Step #1 so that as you face the rear of the car the front tips of the Sportwing® rests on the mark. **See Diagram A on back of sheet.** Next, exactly center the Sportwing® from left to right. Outline the mounting area with a grease pencil. This will allow you to place the Sportwing® back to the exact position later in the installation.
3. Remove the Sportwing® from the deck lid and turn the Sportwing® upside down (**NOTE: place a soft cloth down so you do not scratch the top painted surface**). **See Diagram B on back of sheet.** Using the five (5) paper hole locators, provided. Perfectly center each hole locator over the four (4) fastening threaded sleeves on bottom of Sportwing® and one (1) paper hole locator centered over the harness wire hole (**NOTE: a small piece of masking tape is helpful in holding hole locators in place**).

Carefully flip the Sportwing® over, leaving hole locators still fastening to the threaded sleeves and harness hole. Make sure that none of the hole locators have moved. Place the Sportwing® back onto the outline marks that you made in Step #2.

Next, when Sportwing® is in alignment with outline marks, tape the hole locators onto the deck lid using masking tape. When the five (5) hole locators are taped in place, carefully lift the Sportwing® up off of the deck lid, leaving the hole locators taped on the deck lid. Set the Sportwing® aside.

4. Using a 1/8" or similar drill bit, drill a 1/8" pilot hole in the exact center of each of the five (5) paper hole locators (**NOTE: drill harness wire hole through top panel only of the deck lid**). When drilling the two (2) fastener holes per side, you will need to drill through the top panel of the deck lid and holding drill straight down, you will need to continue drilling through the secondary panel of the deck lid. **See Diagram C on back of sheet** as to approximate area drill bit will exit secondary panel of deck lid. Repeat procedure on passenger side (**NOTE: black hole caps for these holes in secondary panel have been provided upon finishing later in the installation**).
5. Remove paper hole locators from deck lid using a uni-bit (**NOTE: we suggest using a uni-bit for a cleaner cut**) you will need to open the five (5) 1/8" pilot in top panel of deck lid to 3/8".
6. Apply Zinc Chromate Primer or touch-up paint to the edges of the five (5) 3/8" holes that you drilled in the top panel of the deck lid.
7. Open the deck lid and using a 5/8" hole saw, you will need to open the 1/8" pilot holes that you made in the secondary panel of the deck lid. This will give you access to the top panel of the deck lid when installing the fastening screws later in the installation. Apply Zinc Chromate Primer or touch-up paint to these 5/8" holes.
8. A second person is helpful for this step. Leaving the paper liner on the bottom of the mounting feet, open the deck lid. Hold the Sportwing® onto the deck lid and check to see that the four (4) threaded sleeves of mounting feet

align with the 3/8" holes that you made in the top panel of the deck lid. If satisfied with the alignment, go to the next step. If adjustments need to be made, file edges of holes until alignment is correct.

9. Remove the paper liner from the bottom of both mounting feet and feed the brake light harness wires through the 3/8" harness wire hole in top panel of the deck lid (**NOTE: make sure that you do not crimp the brake light wires when you place the Sportwing® back onto the outline marks that you made in Step #2**). Lightly tack the Sportwing® onto the outline marks, holding onto the Sportwing, check to make sure that the threaded sleeves align with the four (4) holes in the deck lid. When satisfied with the alignment, press firmly into place.
10. Using four (4) mounting screws with lock washers and flat washers, install screws into threaded sleeves on bottom of mounting area of Sportwing®. After all four (4) are started, tighten evenly until tight. **DO NOT OVER TIGHTEN.**
11. Run the Sportwing® wires toward the drivers' side trunk hinge, insert the brake light wires into the wire harness, provided, and using black electrical tape, fasten the wire harness neatly along the drivers' side trunk hinge (**NOTE: be sure to leave enough slack in the wire to allow opening and closing of the trunk**). Next, run the wires toward the third brake light. Using electrical connectors, provided, connect the white (*hot*) wire of the Sportwing® to the green wire of the third brake light. Then, connect the white wire with blue stripe (*ground*) wire of the Sportwing® to the black wire of the third brake light. Step on brake pedal to test connections.
12. Clean up any metal shavings that might have fallen into the trunk and you are done. Please call the TOLL FREE number at the top of this sheet if you have any questions or would like information about other quality Sportwing® products. Thank you for choosing Dawn Enterprises Inc.

DIAGRAM A



DIAGRAM B

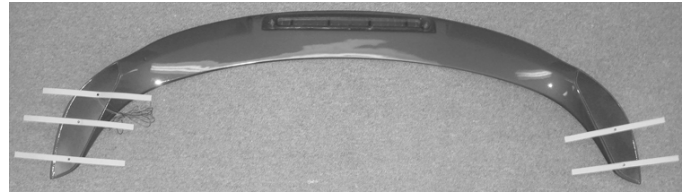
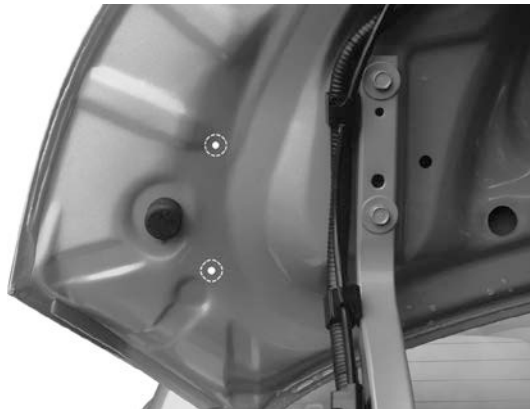


DIAGRAM C



When drilling through secondary panel, drill bit should exit at these approximate areas. Next, open pilot holes to 5/8" using a 5/8" hole saw. This will give you access to the top panel of the deck lid when installing mounting screws later on in the installation.