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INSTALLATION INSTRUCTIONS

PART NUMBER: ELA04C
FOR: 2004 + Hyundai Elantra
EFFECTIVE: 05.26.04

INSTALLATION PACKAGE INCLUDES:

- A) 4 – 1" Mounting Screws
- B) 4 – ¼" Lock Washers
- C) 4 – ½" Black Hole Plugs
- D) 2 – Electrical Connectors
- E) Template
- F) Adhesive Pads (for an unpainted Sportwing®)
- G) Instruction Sheet

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION IMPORTANT! SEE DIAGRAM B ON BACK OF SHEET BEFORE BEGINNING INSTALLATION!

1. Starting on the drivers side, measure exactly 11 ¼" from the tip of the deck lid where it meets the rear window, toward the rear of the vehicle. Repeat procedure on other side. **See Diagram A on back of sheet.**
2. Leaving paper liner on bottom of 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 marks. Center the Sportwing® from left to right. Using a grease pencil, outline both outside mounting feet.
3. Set the Sportwing® aside and position the template provided on the passenger side outline made in Step #2. Using a 5/32" drill bit, drill a pilot hole down through the spot indicated for your wiring harness hole. Drill through the top panel only (*NOTE: after drilling pilot hole for wire harness, you will need to open this hole to 3/8"*).
4. Open the trunk. **IMPORTANT! See Diagram B on back of sheet for your front mounting hole.** Remove the factory black plug **as noted in Diagram B** that is closest to the black rubber trunk stopper. **IMPORTANT! DO NOT USE THE OTHER BLACK FACTORY PLUG THAT IS MORE TO THE REAR OF THE DECK LID, YOU WILL MISS THE MOUNTING FOOT!** Using the hole in the secondary panel that the plug was removed from, you will need to open this hole to ½" to give you access for your socket wrench later on in the installation. Using a ½" drill bit with drill stopper, only extend drill bit ½" past stopper. You can use electrical tape wrapped very tightly around drill bit as a stopper. **See Diagram C on back of sheet.** New black hole caps have been provided upon finishing to cover ½" holes. For rear mounting hole, **see Diagram B on back of sheet.** You will need to drill a 5/32" pilot hole in the secondary panel at the location **shown in Diagram B.** Using ½" drill bit with drill stopper, open the 5/32" pilot hole to ½".
5. Close the trunk and remove the paper liner from the bottom of the mounting feet and feed the brake light wires through the harness hole made in Step #3 (*NOTE: be careful not to crimp the brake light wires as you position the Sportwing® in place*). Place the Sportwing® back onto the outline marks made in Step #2. Press firmly into place.
6. Open the trunk and switch back to a 5/32" drill bit and drill into the exact center of the ½" holes that you made in the secondary panel, hold the Sportwing® as you drill through the top panel of the deck lid and into the bottom of the mounting feet of the Sportwing® (*NOTE: when drilling, you must use a drill stopper to prevent from drilling through the top of the Sportwing®*). Install mounting screws with lock washers and using a ratchet with 5/16" socket and tighten firmly. **DO NOT OVER TIGHTEN.** Repeat procedure on other side. Place the black hole caps provided over your socket wrench access holes in the secondary panel when finished.
7. **WIRING INSTRUCTIONS:**
Open the deck lid. **See Diagram D on back of sheet.** There is a factory white plug connected to the secondary panel. Unclip this plug and using the electrical connectors provided, connect the red (*hot*) wire to the white wire of the plug. Next, connect the black (*ground*) wire to the black wire of the plug. Step on the brake pedal to check your connections. Tape wires neatly and clip factory plug back to the panel.
8. Clean up any metal shavings that may have fallen into the trunk. If you have any questions, problems 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.

SEE DIAGRAMS ON BACK OF PAGE

DIAGRAM A

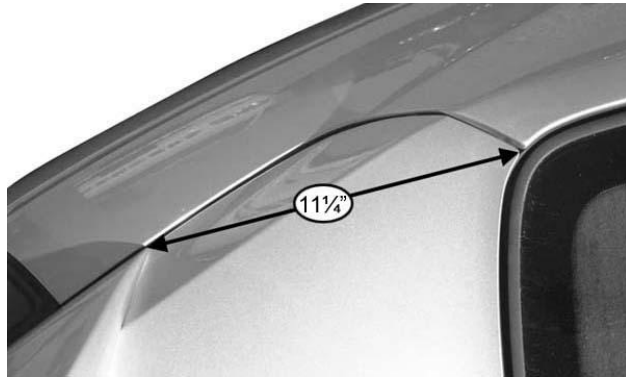
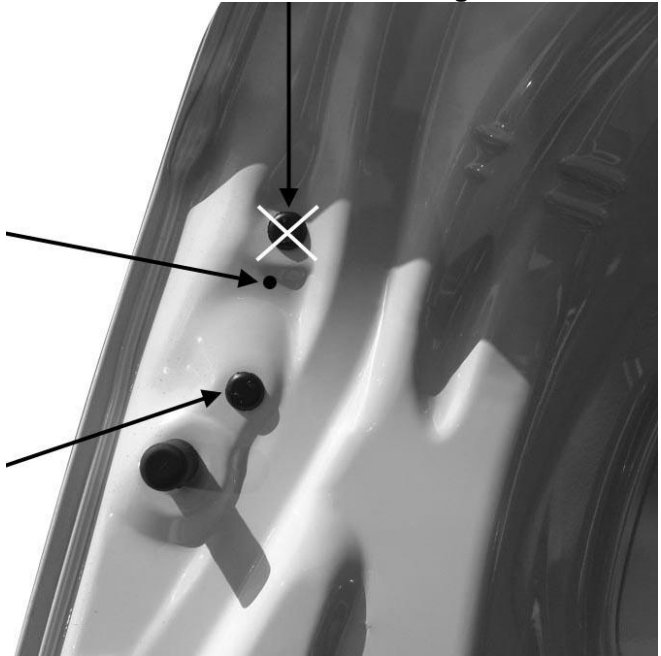


DIAGRAM B

DO NOT USE THIS HOLE for fastening Sportwing®, you will miss the mounting foot!



Use this location for rear fastening hole. Drill 5/32" pilot hole at this approximate location. Next, open pilot hole to 1/2". See Step #4.

Use this location for rear mounting hole. Remove factory plug. Next, open hole in secondary panel to 1/2". See Step #4.

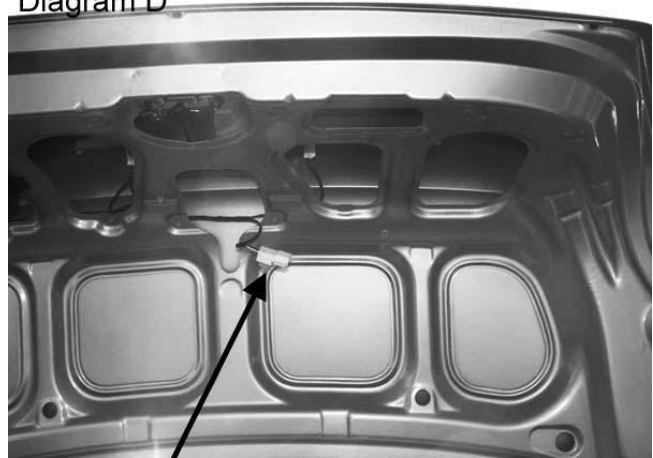
See Step #6 for drilling mounting holes.

DIAGRAM C



1/2" drill bit. Only extend drill bit 1/2" past drill stopper.

Diagram D



Unclip this plug from secondary panel and using electrical connectors provided, connect the red (hot) wire of the Sportwing® to the white wire of the plug. Next, connect the black (ground) wire of the plug. Step on the brake pedal to check your connections. Tape wire neatly and clip factory clip back to panel.