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INSTALLATION INSTRUCTIONS

PART NUMBER: SON06
FOR: 2006 + Hyundai Sonata
EFFECTIVE: 07.21.05

INSTALLATION PACKAGE INCLUDES:

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

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

1. Along the drivers' side, measure 9 ¾" from the tip of the trunk lid back toward the rear of the car and place a mark with a grease pencil. 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 along the marks made in Step #1. Using a grease pencil, outline both outside mounting feet.
3. Remove the Sportwing® and place the template provided on the drivers' side outline made in Step #2. Using a 5/32" drill bit, drill down through the spots indicated on the template (**NOTE: after drilling pilot hole for wire harness you will need to pen this hole to 3/8" using a uni-bit. We suggest using a uni-bit for a cleaner cut.**) Drill harness hole through top panel only. When drilling the two fastening holes per side you will need to drill through (**NOTE: see Diagram B on back of sheet for drilling through secondary panel**) the top panel of the deck lid and also the secondary panel (**NOTE: lift deck lid slightly when drilling through secondary panel so that the drill bit does not hit the trunk gasket for rain channel of the trunk**). After drilling 5/32" hole in secondary panel, you will need to open only the holes in secondary panel to 5/8" using a 5/8" hole saw. These 5/8" holes will give you access to the top panel of the deck lid for your ratchet and socket later in the installation.
4. Close the trunk and remove the paper liner from the bottom of the mounting feet and feed the brake light wires through the hole made in Step #3 (**NOTE: be careful not to crimp the brake light wires as you position the Sportwing® for installation**). Place the Sportwing® on the outline marks made in Step #2 and press firmly into place.
5. Open the trunk and switch back to the 5/32" drill bit and drill up into the bottom of the mounting feet using the mounting holes drilled in Step #3 (**NOTE: when drilling, we insist you use a drill stopper to prevent from drilling up through the top of the Sportwing®**). Using a ratchet with 5/16" socket, install mounting screws with lock washers and tighten firmly. **DO NOT OVER TIGHTEN.**
6. **See Diagram C on back of sheet for harness wire installation.** Run the Sportwing® wires to the bottom of the factory black plug (A) **as shown in Diagram C**. Drill a 5/32" hole through the black rubber plug and feed the both harness wires of the Sportwing® through the plug. Next, using the ¼" wire harness provided, run the wires through the tape to the factory harness. Run harness to the factory plug (B). Drill a 5/32" hole **as shown in Diagram C** and run wires to the factory top plug of the taillight. Using the electrical connectors provided, connect the red (hot) wire of the Sportwing® to the green wire of the taillight plug. Next, connect the black (ground) wire of the Sportwing® to the black (ground) wire of the same plug. Step on the brake pedal to check connections.
7. 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

5/32" drill bit should exit secondary panel at this location. Open to 5/8" using a 5/8" hole saw. Remove trunk cover to reveal other fastening hole.

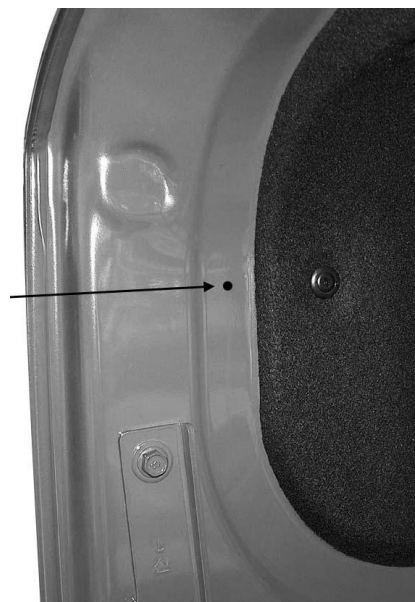


DIAGRAM C



Remove plug. Drill 5/32" hole. Run Sportwing® wires through rubber plug. Replace plug upon finishing.

Run harness provided along factory harness and tape in place.

Remove plug. Drill 5/32" hole through rubber plug. Run Sportwing® wires through to taillight plug. Replace plug upon finishing.