

DAWN ENTERPRISES INC.

9155 Sweet Valley Dr., Valley View, OH 44125
Phone: (216) 447-1777 or (800) 548-4867
Fax: (216) 447-3416
www.dawn-ent.com

INSTALLATION INSTRUCTIONS

PART NUMBER: OPTIMA
FOR: 2006 ½ + KIA OPTIMA
EFFECTIVE: 12.15.06

INSTALLATION PACKAGE INCLUDES:

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

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

1. Close trunk. See Diagram A on back of sheet. Along the drivers side, measure down 6" from the top 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. Leaving paper liner on the bottom of the mounting feet, place the Sportwing® on the marks made in Step #1. See Diagram A on back of sheet. As you face the rear of the car, the front tip of the Sportwing® will rest on the marks. Center the Sportwing® exactly from left to right. Using a yellow grease pencil, outline both mounting feet. Remove Sportwing® from the trunk.
3. Drilling hole for harness wires, set the Sportwing® aside. Position the harness hole template provided on the drivers side outline made in Step #2. Using a 5/32" drill bit, drill pilot hole through the spot indicated for the wire harness. When drilling for the wire harness hole, drill through the first panel only. Enlarge harness pilot hole to 3/8". We suggest using a uni-bit for a cleaner cut.
4. Measure down 9" from the front corner of the trunk lid where it meets the rear window glass and make a mark, see Diagram B on back of sheet. Line up the fastening hole template provided with the edge of the trunk at the 9" mark.
5. Next, using a 5/32" drill bit, drill through the two spots on the drivers side template (**NOTE: when drilling these two holes, you will need to drill through the top panel and secondary panel of the deck lid**). Slightly lift deck lid when drilling to prevent from drilling into the rain channel of trunk. Repeat on passenger side by flipping template over.
6. Open the deck lid and using a 5/8" hole saw, open the two pilot holes that you made in the secondary panel. Black hold plugs have been provided to cover these holes upon finishing. Repeat procedure on other side.
7. Close the trunk and remove the paper liner from the bottom of the mounting feet. 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® on the outline marks made in Step #3**). Press firmly into place.
8. Open the trunk and switch back to the 5/32" drill bit. Drill up into the bottom of the mounting feet using the mounting holes drilled in Step #5 (**NOTE: when drilling, we insist using 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 washers and tighten firmly (**NOTE: be careful not to over tighten**). Use the black hole caps provided to cover holes. Repeat on other side.
9. Run the Sportwing® brake light wires down towards the lower drivers side trunk hinge area and feed the Sportwing® brake light wires through the black harness provided and tape harness along side the factory harness leading to the drivers side tail light assembly. Connect the hot wire (*red*) of the Sportwing® to the hot wire of the round tail light plug and connect the ground (*black*) wire of the Sportwing® to the black wire of the same round plug. Test the connection by stepping on the brake pedal.
10. 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.

DIAGRAM A

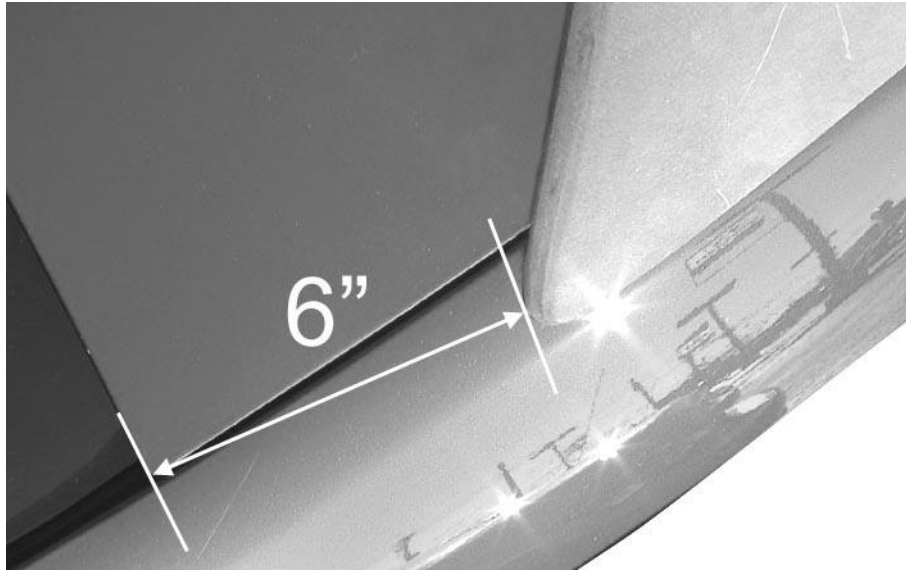


DIAGRAM B

