

## 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: SPECTRA  
FOR: 2006 + KIA Spectra  
EFFECTIVE: 04.08.08

C

### INSTALLATION PACKAGE INCLUDES:

- A) 2 – M-6 x 1" Longer Mounting Screws for front threaded sleeves of mounting feet
- B) 2 – M-6 x 5/8" Shorter Mounting Screws for rear threaded sleeves of mounting feet
- C) 4 – 1/4" Lock Washers
- D) 4 – Flat Washers
- E) 4 – 5/8" Black Hole Caps to replace the factory plugs you discarded
- F) 1 – Wire Harness to conceal harness wires along the trunk hinge
- G) 2 – Electrical Connectors
- H) 1 – Drivers' Side Template – Flip template over for passenger side using only the two fastening holes on template. You do not need the harness hole on the passenger side
- I) Adhesive Pads (*for unpainted Sportwing®*)
- J) Instruction Sheet

### EXTRA TOOLS NEEDED:

- 1. Uni-Bit – To make a cleaner cut when drilling 3/8" holes in the top panel
- 2. 5/8" Drill Bit with Drill Stopper to open factory cut out holes in secondary panel to 5/8". **See Diagram A on back of sheet for explanation of drill stopper**

### PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

- 1. Open deck lid. **See Diagram A on back of sheet.** Read all instructions beside Diagram A.
- 2. Close the trunk. Starting on the drivers' side, measure down **10"** 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.** Repeat procedure on passenger side.
- 3. Line up the drivers' side template, provided, with the edge of the trunk at the 10" mark, **see Diagram B on back of sheet.** Drill 1/8" or similar holes through the exact center of the three (3) spots on the drivers' side template through the top panel only of the deck lid. Slightly lift the deck lid when drilling so you do not drill into the rain channel of the trunk. Flip template over and repeat procedure on passenger side, only using the two (2) fastener holes on the template. The harness hole is not needed on the passenger side. Next, using a uni-bit (**NOTE: we suggest using a uni-bit for a cleaner cut**) open the three (3) 1/8" pilot holes to 3/8". Repeat procedure on passenger side – only drilling through the two (2) fastener holes on the template. You do not need to drill for the harness wire hole on the passenger side.
- 4. 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.
- 5. Feed the brake light wires through the harness hole that you made in Step #3 (**NOTE: be careful not to crimp the brake light wires as you position the Sportwing® onto the deck lid**). Open the deck lid and holding onto the Sportwing® and using the longer 1" mounting screw with lock washer and flat washer, provided, thread screw into the front mounting threaded sleeve of the Sportwing®. Only partially tighten the screw half way. Next, repeat procedure on other side. Next, using the shorter 5/8" mounting screw with lock washer and flat washer, thread the screw into the rear threaded sleeve of mounting foot. Repeat on other side. When all mounting screws are started, tighten evenly until tight. **DO NOT OVER TIGHTEN.**
- 6. 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 wires 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 inside the drivers' side trunk panel toward the drivers' side taillight assembly. Using electrical connectors, provided, connect the white (hot) wires of the Sportwing® to the red wire. Next, connect the white wire with blue stripe (ground) of the Sportwing® to the black wire.
- 7. Clean up any metal shavings and you are done. 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.

Deck Lid in Open Position

DIAGRAM A

Starting on the drivers' side, remove the two (2) factory round black plugs, as shown photo. Discard black factory plugs, replacement black 5/8" caps have been provided for these two (2) holes upon finishing. Using a 5/8" drill bit, you will need to open the two (2) factory holes in the secondary panel to 5/8". **IMPORTANT!** See Diagram of 5/8" drill bit with drill stopper to prevent drill bit from hitting top panel of the deck lid. Only extend drill bit tip 1/2" past the drill stopper, as shown. You can use electrical tape or masking tape, wrapped tightly around the 5/8" drill bit. Doing this will also give you a cleaner cut, thus not tearing the secondary panel (**NOTE:** see drill bit photo beside Diagram A). Apply Zinc Chromate Primer or touch-up paint on the edges of the two (2) 5/8" holes that you made in the secondary panel of the deck lid. **Repeat procedure on other side.**

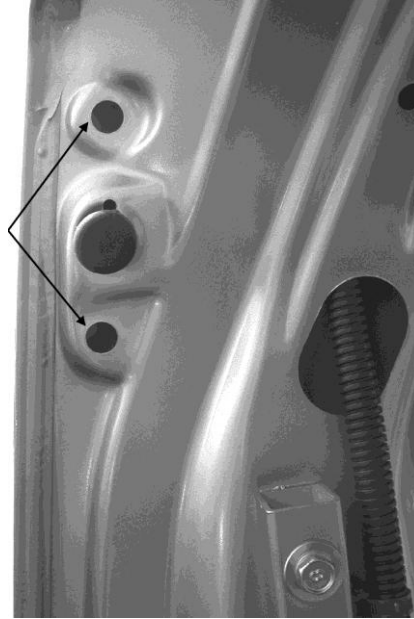
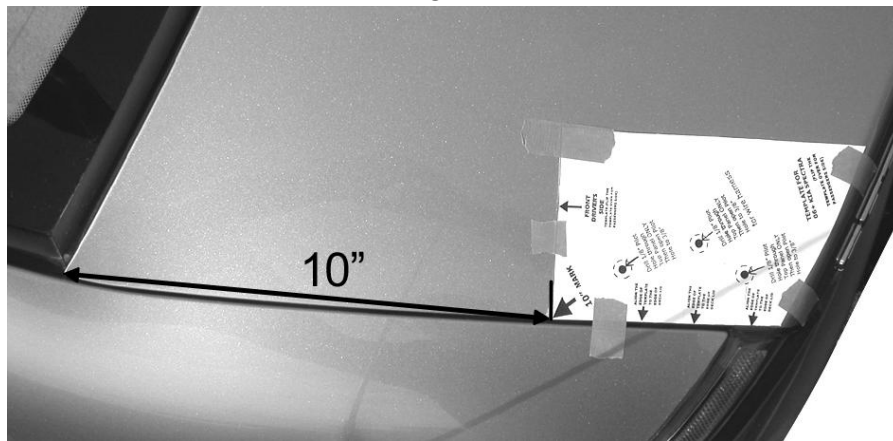


DIAGRAM B



FINISHED INSTALLATION WITH NEW 5/8" HOLE CAPS, PROVIDED

