

## 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: FORTE  
FOR: 2010 + KIA Forte  
EFFECTIVE: 08.17.09

### INSTALLATION PACKAGE INCLUDES:

- A) 2 – M6 x 1" Machine Screws (zinc)
- B) 2 – Flat Washers (zinc)
- C) 2 – ¼" Lock Washers
- D) 4 – ¾" Self-tapping Screws
- E) 4 – 5/16" Lock Washers
- F) 2 – Electrical Connectors
- G) 2 – 5/8" Black Hole Caps
- H) 1 – ¼" Wire Harness
- I) 2 – Templates (1 Drivers' side – 1 Passenger side)
- J) Instruction Sheet

### EXTRA TOOLS NEEDED:

- 1. 5/32" Extra Long Drill Bit (6")
- 2. 5/8" Hole Saw
- 3. Long Phillips Screw Driver

### PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

1. Remove trunk liner. Close trunk. **See Diagram A on back of sheet.** Along the drivers' side measure down 7" from the tip of the trunk lid, back toward the rear of the car and make a mark with a grease pencil. Repeat on passenger side.
2. Line up the drivers' side template, provided, with the edge of the trunk at the same 7" mark, as **shown in Diagram B on back of sheet.** Next, repeat procedure on passenger side using the passenger side template, provided.
3. Starting on the drivers' side template, drill a 5/32" pilot hole on each of the four (4) designated spots on template. There will be three (3) for fastening holes and one (1) for the wire harness (**NOTE: we insist using a drill stopper when drilling these holes – electrical tape, taped tightly around drill bit will work – only extend approximately ½" of 5/32" drill bit to extend past drill stopper so you do not drill into rain channel of trunk**). When drilling pilot holes, notice instructions on templates. Three of the four holes on drivers' side template only need to drill through the top panel of the deck lid only. When drilling the inside most hole you will need to take the drill stopper off of the 5/32" drill bit so that you will be able to continue drilling through the secondary panel. When drilling through the secondary panel, the panel is on a slope so you need to hold the drill steady and continue drilling straight down. Later on in the installation, using a 5/8" hole saw, you will be able to have access to the fastening hole that you made in the top panel. Repeat procedure on passenger side (**NOTE: you will only drill for the three (3) fastening holes, you do not need a harness hole**).
4. Using a uni-bit (**NOTE: we suggest using a uni-bit for a cleaner cut**) see directions on template for correct drilling hole sizes.
5. Open the deck lid and using your 5/8" hole saw, open up the 5/32" pilot hole that you made in secondary panel in Step #3. This will give you access to the top panel for inside most fastening hole.
6. Using touch-up paint or zinc chromate primer, touch up all of the edges of the holes that you made in the top panel and secondary panel.
7. It's easier to have two people on this step, one on each side of the vehicle to see that all of the holes align with each other. Feed the brake light wires of the Sportwing® through the 3/8" harness hole that you made in the top panel of the deck lid (**NOTE: be careful not to crimp the brake light wires as you position the Sportwing® back onto the deck lid**). The six (6) sleeves of mounting area of Sportwing® should align with the six mounting holes that you made in the top panel of the deck lid. If holes do not align with sleeves of Sportwing®, you need to open holes to the next size up.

8. We suggest installing outer most black self-tapping screws halfway first, to hold the Sportwing® in place until you are able to thread the inside chrome colored machine screw. You may be able to reach in between the panels and start the chrome colored machine screw with flat washer into the threaded sleeve of inside most fastening hole. Next, using a long Philips Screw Driver, tighten the screw firmly. **DO NOT OVER TIGHTEN.** Next, using a ratchet with 5/16" socket, tighten the black self tapping screws until tight. **DO NOT OVER TIGHTEN.**
9. Feed the brake light wires of the Sportwing® through the ¼" wire harness, provided. Using black electrical tape, fasten this harness neatly along side the factory harness, which runs down the drivers' side trunk hinge. Be sure to leave enough slack for opening and closing trunk lid. Run the wires toward the third brake light in rear window. Connect the Sportwing® (*red*) hot wires to the white wire. Connect the (*black*) ground wire to the black wire. Test the connections by stepping on the brake pedal.
10. Clean up all 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.

DIAGRAM A

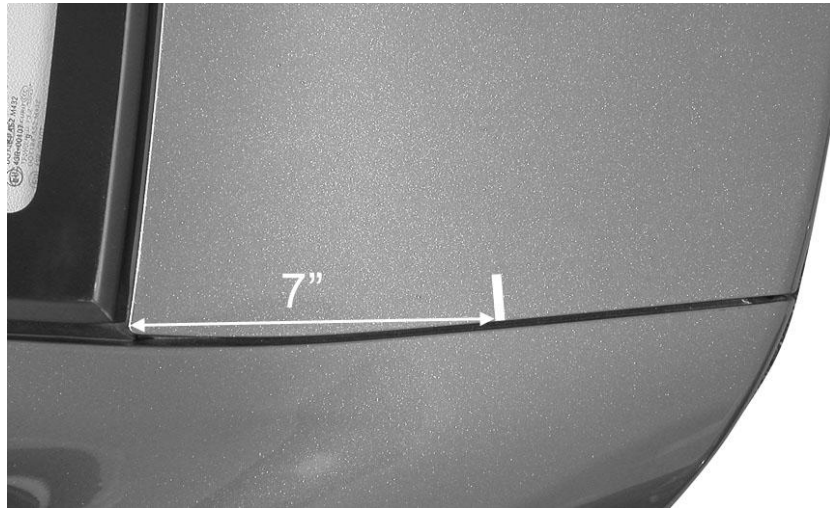


DIAGRAM B

