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INSTALLATION INSTRUCTIONS

PART NUMBER: FORTE2DR
FOR: 2010 + KIA Forte 2 Door
EFFECTIVE: 03.17.10

INSTALLATION PACKAGE INCLUDES:

- A) 4 – ¾" Mounting Screws
- B) 4 – Lock Washers
- C) 2 – Electrical Connectors
- D) 4 – Black Hole Caps
- E) ¼" Wire Harness
- F) 1 – template (*drivers side – flip template over for passenger side – you do not need to drill for harness hole on passenger side – only the two fastener holes*)
- G) Adhesive Pads (*for unpainted Sportwing®*)
- H) Instruction Sheet

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION REMOVE TRUNK COVER

1. Along the drivers' side, measure **6 - 3/8"** 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 the paper liner on the bottom of the 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 mark. Center the Sportwing® from left to right along these marks. Using a yellow grease pencil, outline both mounting feet. Set the Sportwing® aside.
3. 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, see template for drilling instructions (**NOTE: after drilling pilot hole for wire harness, you will need to open harness 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 fastener holes per side, you will need to drill through the top panel and continue drilling straight down through the secondary panel of the deck lid. **See Diagram B on back of sheet** where the drill bit should exit flat area of secondary panel. Flip template over for passenger side and drill only the two fastener holes on the template. No harness hole is needed on the passenger side.
4. Open the trunk. Using a 5/8" hole saw, open up the 5/32" pilot holes drilled in the secondary panel to 5/8". This will give you access to the top panel of deck lid when installing mounting screws later on in the installation. Repeat procedure on other side.
5. Apply Zinc Chromate Primer or Touch-Up Paint to the edges of all holes drilled in the top panel.
6. Close the trunk. 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® for installation**). Place the Sportwing® back onto the grease pencil outline marks made in Step #2 and press firmly into place.
7. Open the trunk. 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.** Use the black hole caps, provided, to cover your holes in the secondary panel. Repeat procedure on other side.
8. Run the Sportwing® wires toward the drivers' side trunk hinge and run the Sportwing® wires into the ¼" wires harness, provided. Then, using black electrical tape, fasten the ¼" wire harness, provided, 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. **See Diagram C on back of sheet.** Using the electrical connectors, provided, connect the red hot wire of the Sportwing® to the red wire of taillight harness. Next, connect the black ground wire of the Sportwing® to the black wire in same harness.

9. 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

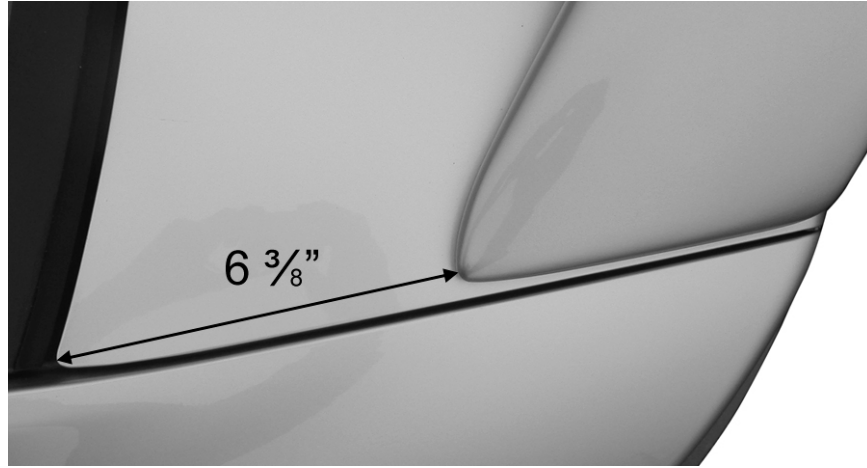
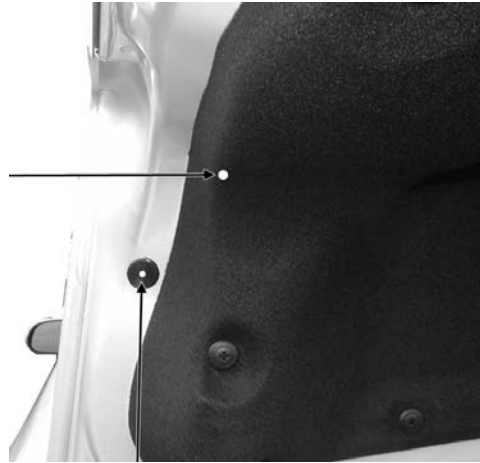


DIAGRAM B

Rear most fastening hole on mounting foot will exit secondary panel under trunk liner. Please note that hole is not shown under trunk liner. Some models do not have trunk liner. Hole caps have been provided to cover 5/8" holes in secondary panel.



Approximate area where drill bit will exit flat area of secondary panel, when drilling for front fastening area.

DIAGRAM C

