

## DAWN ENTERPRISES INC.

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## INSTALLATION INSTRUCTIONS <sup>C</sup>

PART NUMBER: MAZDA310  
FOR: 2010 + Mazda 3  
EFFECTIVE: 10.28.2009

### INSTALLATION PACKAGE INCLUDES:

- A) 4 – Flat Washers
- B) 4 – Mounting Screws M6 x 3/4"
- C) 4 – Lock Washers
- D) 4 – Black Hole Caps
- E) 4 – Paper Hole Locators
- F) Adhesive Pads (for unpainted Sportwing®)
- G) Instruction Sheet

### Extra Tools Needed:

- 1. 1 – Drill Bit Extra Long 6" – 1/8" or 5/32"
- 2. 1 – 5/8" Hole Saw to open 1/8" pilot holes secondary panel of deck lid

### 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 **5 1/2"** from the tip 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 the 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, so that as you face the rear of the car, the front tips of the Sportwing® rests on the marks. Center the Sportwing® exactly from left to right. Using a grease pencil, outline both mounting feet.
3. Next, place the Sportwing® upside-down on a soft cloth so you do not scratch the painted top surface. Using four (4) paper hole locators, provided, remove the liner from the hole locator to expose the adhesive, place the cut out hole in hole locator centered exactly over the four (4) threaded sleeves of the fastening area of the Sportwing®. **See Diagram B on back of sheet.** Making sure that the hole locators do not move (**NOTE: a small piece of masking tape is helpful in holding hole locators in place**) carefully place the Sportwing® back onto the outline marks on deck lid that you made in Step #2.
4. When Sportwing® is centered on outline marks made in Step #2, and making sure that the four (4) paper hole locators did not move, tape all four (4) hole locators to the deck lid using masking tape. Next, carefully lift the Sportwing® off of the deck lid, leaving the hole locators taped to the deck lid.
5. Before drilling you will need to push factory wire harness between top and secondary panel on driver's side to the side.
6. Before drilling holes in deck lid, slightly lift deck lid so when drilling, you do not drill into struts that hold deck lid up. Also remember to push the factory wire harness aside as noted in step #5. Holding drill straight up drill 1/8" or similar hole through the exact center of the paper hole locator through the top panel of the deck lid and continue drilling through the secondary panel of deck lid (**NOTE: when drilling through secondary panel of deck lid slightly lift deck lid so that the drill bit does not drill into the Rain Channel of trunk.**) Repeat this procedure on remaining three (3) paper hole locators.
7. Open the trunk and using 5/8" hole saw, open up the four (4) 1/8" pilot holes drilled in the secondary panel to 5/8". This will give you access to the top panel for your screwdriver later. 5/8" black hole caps have been provided to cover these holes upon finishing.
8. Remove the hole locators and using a uni-bit (**NOTE: we suggest using a uni-bit for a cleaner cut**) open the four (4) 1/8" pilot holes on top panel to 3/8".
9. Apply Zinc Chromate Primer or touch-up paint on the edges of the four (4) 3/8" holes that you drilled in the deck lid.

10. Remove the paper liner from the bottom of the mounting feet and lightly place the Sportwing® back onto the outline marks that you made in step #2, holding onto the Sportwing®, open the deck lid and make sure 3/8" holes in deck lid align with mounting holes on the bottom of mounting feet. If holes do not align, relocate Sportwing® if necessary or you may have to open 3/8" holes to 7/16". Repeat procedure until alignment is correct. When satisfied with alignment, press firmly into place. Install mounting screws with lock washers, tighten screws half way until all four are started then tighten. **DO NOT OVER TIGHTEN.**
11. 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

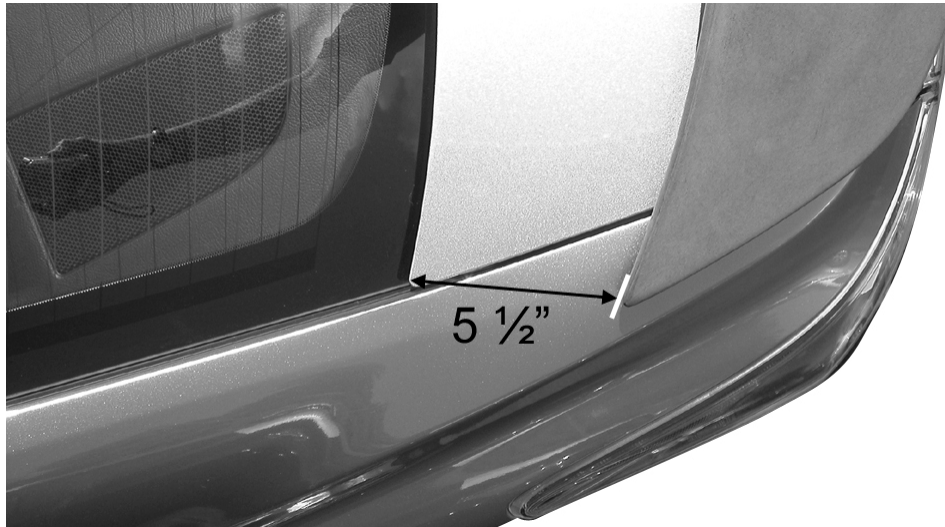
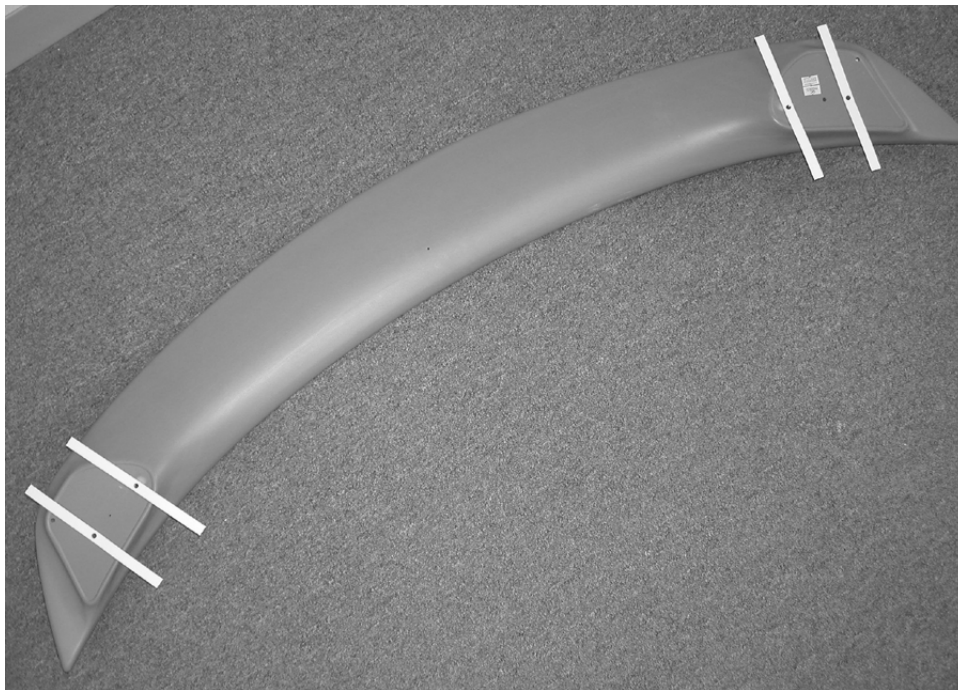


DIAGRAM B



Center hole in paper hole locators over the exact center of threaded sleeves of mounting feet.