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INSTALLATION INSTRUCTIONS

PART NUMBER: ALT2DR-F
FOR: 2008 + Nissan Altima 2 Door
EFFECTIVE: 11 OCT 2010

INSTALLATION PACKAGE INCLUDES:

- A) 4 – Paper Hole Locators
- B) 4 – Round Tape Gaskets (to place over the 3/8" holes)
- C) 3 – M-6 x 5/8" Mounting Screws
- D) 3 – Lock Washers
- E) 3 – Flat Washers
- F) 2 – Red Electrical Connectors
- G) 1/4" Plastic Tubing (use this in Step #9 to pull the Sportwing® harness wires through the factory rubber harness)
- H) 2 – Black Hole Caps
- I) Adhesive Pads (for an unpainted Sportwing®)
- J) Instruction Sheet

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

1. **See Diagram A on back of sheet.** Starting on the drivers' side, measure down **17 – 3/8"** from the tip of the trunk lid toward the rear of the car and place a mark with a grease pencil. Repeat procedure on other side.
2. Leaving liner on the bottom of the mounting area, place the Sportwing® on the marks made in Step #1 so that as you face the rear of the car the front edge of the Sportwing® rests on the mark. Next, exactly center the Sportwing® from left to right (**NOTE: Make sure when aligning the Sportwing® to the 17 – 3/8" alignment marks that the rear flange of Sportwing® is flush to the rear most part of the deck lid. You may need to push the Sportwing® against the rear.** Outline the mounting area with a grease pencil so that later in the installation you will be able to set the Sportwing® back into the exact position.
3. Remove the Sportwing® from the deck lid and turn the Sportwing® upside down (**NOTE: place a soft cloth down so you do not scratch the top painted surface**). Using the four (4) paper hole locators, provided. **See Diagram B on back of sheet where to place each hole locator.** Perfectly center each hole locator over the three (3) fastening threaded sleeves on the bottom of the Sportwing® and one (1) centered on the harness wire hole (**NOTE: a small piece of masking tape is helpful in holding the hole locators in place**).

Carefully flip the Sportwing® over, leaving the hole locators still fastening to the threaded sleeves and harness hole. Make sure that none of the hole locators have moved. Place the Sportwing® back onto the outline marks that you made in Step #2.

Next, when Sportwing® is in alignment with outline marks, tape the hole locators onto the deck lid using masking tape. When the four (4) hole locators are taped in place, carefully lift the Sportwing® up off the deck lid, leaving the hole locators taped on the deck lid. Set the Sportwing® aside.
4. (**NOTE: You will need to drill through the secondary panel on the two (2) outer-most holes**). Use a 5/8" hole saw to open the 1/8" pilot holes in the secondary panel. Black hole caps have been provided for these holes upon finishing. Using a 1/8" or similar drill bit, drill a 1/8" pilot hole in the exact center of each of the four (4) hole locations. After drilling 1/8" pilot holes, remove the hole locators. Next, using a uni-bit (**NOTE: we suggest using a uni-bit for a cleaner cut**) you will need to open the four (4) 1/8" pilot holes to 3/8". **See Diagram C on back of sheet for measurements to drill 1" hole in the secondary panel.** This will allow you access to the top panel of the deck lid later when fastening the Sportwing® to the deck lid.
5. 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.
6. Leaving the red liner on the bottom of mounting area, place the Sportwing® back onto the outline marks made in Step #2 and check to see that the three (3) 3/8" fastening holes in the deck lid align with the three (3) threaded mounting sleeves on the bottom of the mounting area. When satisfied with the alignment, go to the next step.
7. **IMPORTANT!** Place the four (4) round tape gaskets, provided, centered over the four (4) 3/8" holes that you made in the deck lid in Step #4.

8. Close the trunk and remove the red liner from the bottom of the mounting area and feed the harness wires of the Sportwing® through the 3/8" harness hole (**NOTE: make sure that you do not crimp the brake light wires when you place the Sportwing® back onto the outline marks that you made in Step #2).** Before pressing firmly into place, make sure that the 3/8" mounting holes align with the threaded sleeves of the mounting area. If satisfied with the alignment, press firmly into place. If you need to re-align, reposition the Sportwing® until satisfied with the alignment.
9. Using mounting screws, provided, with lock washers and flat washers, install screws into threaded sleeves of all three (3) mounting feet and partially tighten all three (3) mounting screws. After all three (3) are started, tighten evenly until tight. DO NOT OVER TIGHTEN.
10. Run the Sportwing® harness wires down to the bottom of the deck lid. Notice the black factory rubber harness and unplug the factory wire harness from the deck lid and other end of rain channel. Using plastic tubing wire puller, provided, insert the Sportwing® harness wires inside open end of tubing and tape tightly into place. **See Diagram D below** (**NOTE: we suggest spraying silicone lubricant into the rubber harness, this will allow you to pull the wires through more easily).** Using pointed end of tubing, push tubing through factory rubber harness, pulling Sportwing® wires through to the other end. Pull Sportwing® wires completely through harness so that you will have enough wire to run to the drivers' side factory taillight plug. Using the electrical connectors, provided, connect the white (hot) wires of the Sportwing® to the green wires with yellow stripe. Connect the white wires with blue stripe (ground) of the Sportwing® to the black wire.
11. Clean up any metal shavings that might have fallen into the trunk and you are done. If you have any questions 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

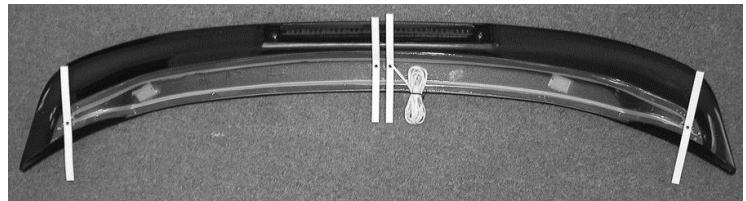


DIAGRAM C

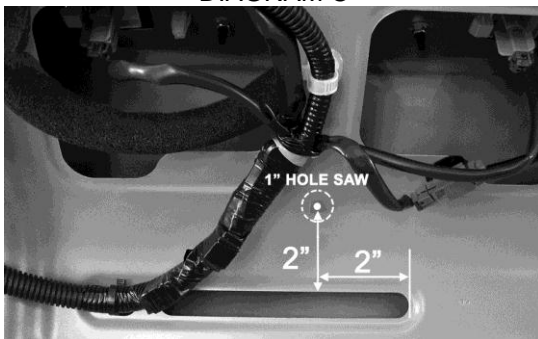


DIAGRAM D

Run wires inside of rubber tubing



DIAGRAM E

(HOT) Green Wire with Yellow Stripe
(GROUND) black wire in same group of wires

