

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: ALT02
FOR: 2002 + Nissan Altima
EFFECTIVE: 01.10.02

INSTALLATION PACKAGE INCLUDES:

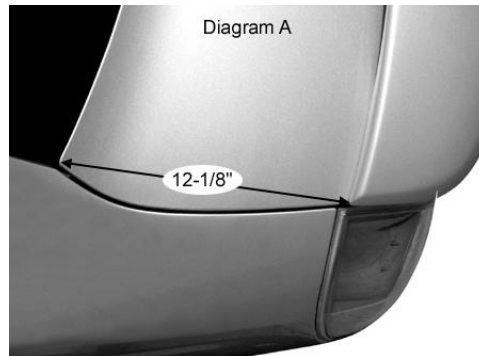
- A) 1 – ½” Machine Screw for fastening center post
- B) 1 – Flat Washer for center post fastening screw
- C) 4 – Mounting Screws
- D) 5 – Lock Washers
- E) 2 – Electrical Connectors
- F) 2 – Black Hole Caps
- G) 2 - Templates
- H) Adhesive Pads (*for an unpainted Sportwing®*)
- I) Instruction Sheet

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION SEE DIAGRAMS ON BACK OF SHEET

1. Along the drivers' side, measure **12 – 1/8”** 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. 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. Center the Sportwing® from left to right along the marks made in Step #1. Using a grease pencil, outline all three mounting feet.
3. Set the Sportwing® aside and place the smaller TEMPLATE, provided on the center post outline made in Step #2. Using a 5/32” drill bit, drill down through the spot indicated on the TEMPLATE through the top panel of the deck lid for the center fastening hole. Next, remove this TEMPLATE and you will need to open this pilot hole to 3/8” using a uni-bit. We suggest using a uni-bit for a cleaner cut.
4. Next, place the larger TEMPLATE, provided, on the drivers' side outline made in Step #2. Using a 5/32” drill bit, and following the instructions stated on the TEMPLATE, drill through the spots on the TEMPLATE (**NOTE: you will need to open up the harness wire hole to 3/8”**). When drilling for fastening holes, one hole will need to be drilled through the top and secondary panel. For the other fastening hole, **see Diagram B on back of sheet**, you will need to open the deck lid and using a 5/32” drill bit, drill through the center of the factory cut out hole up through the deck lid. Flip TEMPLATE over and repeat procedure on passenger side (**NOTE: you will only use the single fastening spot on the TEMPLATE. It will not be necessary to drill hole for harness wire**).
5. Next, using a 5/8” hole saw, open up the pilot hole that you drilled in the secondary panel on Step #4. This will give you access for your drill bit and socket wrench later. Repeat procedure on passenger side. After drilling, treat all drilled areas with touch up paint or a rust inhibitor.
6. Close the trunk and remove the paper liner from the bottom of the mounting feet. Feed the brake light wires through the hole made in Step #4 (**NOTE: be careful not to crimp the brake light wires as you position the Sportwing® back onto the outline marks made in Step #2**). Press firmly into place.
7. Open trunk and using the ½” machine screw for the center mounting foot with FLAT WASHER and LOCK WASHER, finger tighten SCREW. After tightening outside MOUNTING SCREWS, go back and tighten CENTER POST SCREW. **DO NOT OVER TIGHTEN.** Next, switch back to the 5/32” drill bit, drill up into the bottom of the outside mounting feet using the four (4) mounting holes drilled in Step #4 (**NOTE: when drilling, we insist using a drill stopper to prevent from drilling up through the top of the Sportwing®**). Install MOUNTING SCREWS with WASHERS and tighten firmly. **DO NOT OVER TIGHTEN.** Use BLACK HOLE CAPS, provided, to cover these holes in the secondary panel. Repeat on other side.
8. **See Diagram C below for wiring instructions.** Notice just to the left of the center mounting foot, there is a brown factory plug just inside of the secondary panel held on by a black plastic clip. Unclip from panel and cut away some of the black casing around the two wires. Connect the red (*hot*) wire of the Sportwing® to the green wire with red stripe using the ELECTRICAL CONNECTOR, provided. Next, connect the black (*ground*) wire of the Sportwing® to the black wire with other CONNECTOR. Check your connections by stepping on the brake pedal.

On some models, this brown plug that you would connect the Sportwing brake light wires to is not available. You will need to run the Sportwing wires down along the drivers' side trunk hinge and using black electrical tape, fasten the wires neatly along the trunk hinge (*NOTE: be sure to leave enough slack in the wire to allow opening and closing of the trunk*). Run the wires behind the trunk panel, towards the drivers' side taillight and you will see five (5) wires coming out of the plug. Using the ELECTRICAL CONNECTORS, provided, connect the red (*hot*) wire of the Sportwing[®] to the green wire with yellow stripe. Next, connect the black wire (*ground*) of the Sportwing[®] to the black wire. Step on brake pedal to check connection.

9. Clean up any metal shavings that may have fallen into the trunk. 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.



Fastening hole that you drilled through TEMPLATE in secondary panel from outside. Open this hole to 5/8" using 5/8" hole saw. HOLE CAP has been provided to cover hole upon finishing.

Drill second fastening hole from inside of deck lid using 5/32" drill bit, drill through the factory cut out hole, drilling slightly toward the outside of vehicle as noted in Diagram B.

