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**INSTALLATION INSTRUCTIONS**

PART NUMBER: SEN13  
FOR: 2013 + Nissan Sentra  
EFFECTIVE: August 7, 2013

**INSTALLATION PACKAGE INCLUDES:**

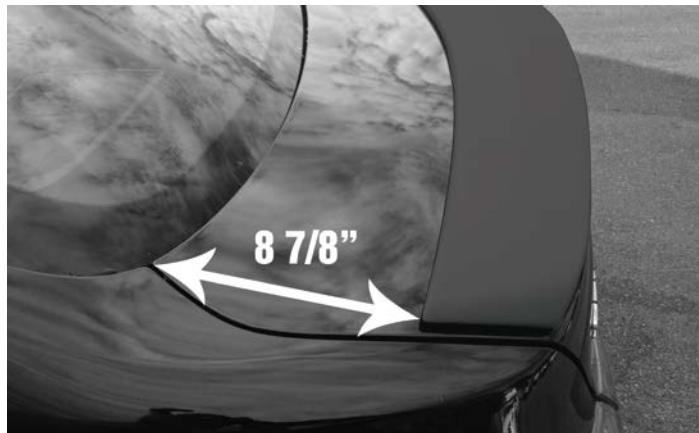
- A) 2 – 3/4" Hole Caps
- B) 5 – Paper Hole Locators.
- C) 4 – M 6 - 1/2"
- D) 4 – Flat Washers
- E) 4 – Lock Washers
- F) 2 – Red Electrical Connectors
- G) Instruction Sheet
- H) Adhesive Pads (*for an unpainted Sportwing®*)
- I) Black Harness

Important Tools Needed: 1/8" Drill bit or similar, masking tape, Uni-Bit when drilling fastening holes later in installation. (see Step # 8 )

**PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION**

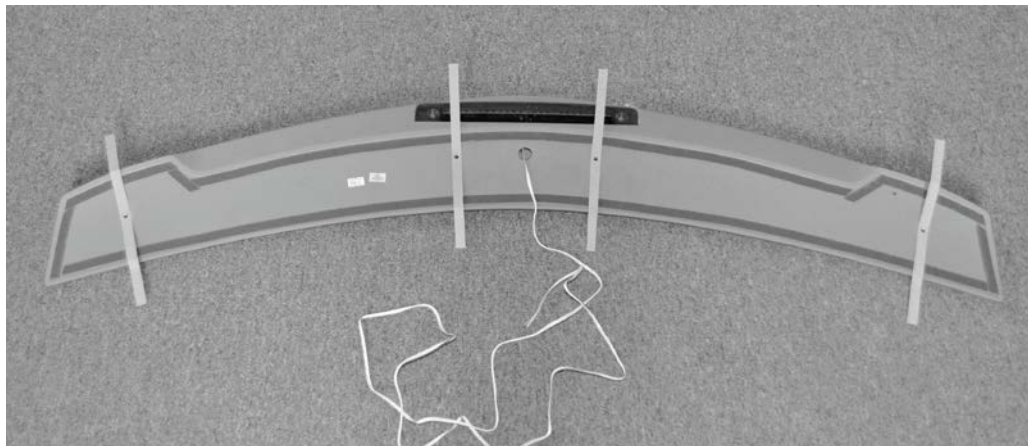
1. **REMOVE TRUNK LINER.** Starting on the driver's side, measure down 8 7/8" from the tip of the trunk lid back toward the rear of the car and place a mark with a grease pencil. Repeat procedure on other side. **See Diagram A.**

Diagram A.



2. Leaving the red plastic liner on bottom of 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 marks. Center the Sportwing® from left to right along the marks made in Step #1. Using a grease pencil, outline each outer mounting area.
3. Remove the Sportwing® turn upside down. **Note: place a soft cloth down so you do not scratch the top painted surface of wing.** Using the five (5) paper hole locators provided. Perfectly center each locator over the fastening sleeves and one (1) center over the wiring harness hole. **Note: A small piece of masking tape is helpful in holding hole locators in place.** See Diagram B.

Diagram B.



- a. Still leaving the red plastic liner on bottom of mounting area, carefully flip the Sportwing® over, leaving the hole locators still fastening to the fastening sleeves and harness hole. **Note: Make sure none of the locators have moved.** Place the Sportwing® back onto the outlining marks that you made in Step #2.
4. Using masking tape, secure HOLE LOCATOR STRIPS to deck lid of vehicle. Carefully remove the Sportwing® by lifting straight up, leaving HOLE LOCATORS secured to deck lid.
5. Using a 1/8" or similar drill bit, drill through the exact center of each of the five (5) HOLE LOCATORS. Drill through secondary panel if needed. Remove paper hole locators after drilling the five (5) 1/8" pilot holes. Next, using a Uni-bit (we insist on using a Uni-bit for a cleaner cut) Using Uni-bit and making sure that you do not drill 1/8" pilot hole any larger than 7/16", open up all five (5) 1/8" pilot holes to 7/16" and secondary panels to 3/4".
6. Apply touch up paint or zinc chromate primer to the edges of the seven (7) 7/16" holes made in the top panel of the deck lid.
7. Peel the red plastic liner from the tape at the bottom of Sportwing®. Next, feed the brake light wires of the Sportwing® through the 7/16" harness hole made in the top panel of deck lid. Be careful not to crimp the brake light wires as you position the Sportwing® for installation. Lightly place the Sportwing® back onto the outline marks that you made in step # 2. Open the deck lid making sure that the fastening sleeves of the Sportwing® align with the 7/16" holes made in top panel of deck lid. Install mounting screws provided with lock washers and flat washer into each fastening sleeve and tighten. (Do not overtighten.)
8. See Diagram Below for wiring hook-up. **DIAGRAM C Sportwing harness wire hook up:** Using electrical connectors provided, connect the white (*hot*) wire of the Sportwing® to the green wire with the white stripe for 2013-2015 models, and the white wire for 2016+ models. **NOTE:** you will need to cut away casing to behind factory plug to expose wires. Next, connect the white with blue stripe (*ground*) wire of the Sportwing® to the black wire behind plug for 2013-2015 models and the blue wire for 2016+ models. Check connections by stepping on the brake pedal.

