

## DAWN ENTERPRISES INC.

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## INSTALLATION INSTRUCTIONS

PART NUMBER: AVA05  
FOR: 2005 + Toyota Avalon  
EFFECTIVE: 12.02.09

### INSTALLATION PACKAGE INCLUDES:

- A) 2 – Paper Hole Locators
- B) 2 – Round Gaskets
- C) 2 – M-6 x 1/2" Mounting Screws
- D) 2 – Lock Washers
- E) 2 – Flat Washers
- F) Alcohol Wipes (to clean area two-way tape will adhere to)
- G) Instruction Sheet

### EXTRA TOOLS NEEDED:

- 1. 1/8" or similar Drill Bit
- 2. #1 Uni-bit
- 3. Phillips Screwdriver

### PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

#### 1. CLEAN AND PREP

For proper installation of Sportwing®, clean the surface where the Sportwing® is to be installed using car wash soap and water. Next, go over surface area again using the alcohol wipes provided and wipe away any excess residue with a clean cloth.

#### 2. Next, make sure that the vehicle and Sportwing® are at least 75°F- 95°F before installing.

**IN WARMER TEMPERATURES:** Place the Sportwing® and vehicle in a sunny area before installing. This will allow Sportwing® to form and adhere to vehicle.

**IN COLDER TEMPERATURES:** You will need to use a heat gun or hair dryer to warm the surface of the vehicle and also heat the Sportwing®, this will allow the Sportwing® to form and adhere properly to the vehicle.

**IMPORTANT!** When heating, do not directly heat in one area too long, keep heat gun moving so you do not damage painted surface.

#### 3. **REMOVE TRUNK LINER!** Close the trunk. **See Diagram on back of sheet.** Along the drivers side, measure down **13 1/4"** 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, leaving the liner on tape.

#### 4. Place the Sportwing® on the marks made in Step #1. **See Diagram on back of sheet.** As you face the rear of the car, the front tips of the Sportwing® will rest on these marks. Center the Sportwing® exactly from left to right. Using a yellow grease pencil, completely outline the Sportwing®. Remove the Sportwing® from the trunk.

#### 5. Next, place the Sportwing® upside-down on a soft cloth so you do not scratch the painted top surface. Using two (2) paper hole locators, provided, remove the liner from the hole locator to expose the adhesive. Place the cut out hole in the hole locator centered exactly over the two (2) threaded sleeves of the fastening area of the Sportwing®. Make 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 the deck lid, that you made in Step #2.

#### 6. When Sportwing® is centered on outline marks made in Step #2, and making sure that the two (2) paper hole locators did not move, tape the two (2) hole locators to the deck lid using masking tape. Next, carefully lift the Sportwing off the deck lid, leaving the hole locators taped to the deck lid. Set Sportwing® aside.

#### 7. Using a 1/8" or similar drill bit, drill a 1/8" pilot hole in the exact center of the two (2) hole locators. Remove the hole locators and using a uni-bit (**NOTE: we suggest using a uni-bit for a cleaner cut**) open the two (2) 1/8" pilot holes to 3/8".

#### 8. Apply Zinc Chromate Primer or Touch-Up Paint on the edges of the two (2) 3/8" holes that you drilled in the deck lid. Next, place the round tape gaskets provided centered over the 3/8" holes.

9. Next, using the Pro-Bond adhesive promoter crush swab provided, squeeze the applicator until you feel the applicator crush. The applicator will become wet on the end and is ready for use. Apply a thin coat of Pro-Bond inside of the outline marks of the Sportwing® that you made in Step #4. Should Pro-Bond run beyond shaded area, wipe immediately (**NOTE:** Pro-Bond could dull paint).
10. Remove the plastic liner from the double-sided tape on the bottom of the mounting area of the Sportwing® and lightly place the Sportwing® back onto the outline marks that you made in Step #2. Open the deck lid and check to see that the two (2) 3/8" holes that you made in the deck lid align with the two (2) threaded sleeves of the mounting area of the Sportwing®. If satisfied with the alignment, press the Sportwing® firmly in place. If the holes do not align, you will need to reposition the Sportwing® until satisfied with the alignment. Using fastening screws, provided, install screws into threaded sleeves of the mounting feet. Tighten the two (2) screws. **DO NOT OVER TIGHTEN.**
11. Clean up any 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.