



INSTALLATION INSTRUCTIONS

PART NUMBER: AVA13-FM

FOR: 2013-2014 Toyota Avalon

INSTALLATION PACKAGE INCLUDES:

- A) Alcohol Wipes
- B) 1 – M-6 x ½” Mounting Screw
- C) 1 – Lock Washers
- D) 1 – Flat Washer
- E) 1 – Paper Hole Locators
- F) Instruction Sheet

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

1. Using the alcohol wipes, provided, clean the surface of deck lid where Sportwing will be installed.
2. Set the Sportwing onto the rear area of the deck lid where the Sportwing is to be seated into position. Check to ensure Sportwing is centered left to right. Using a grease pencil, outline the Sportwing as shown in **Diagram A**.
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**). Remove the liner from the paper hole locator(s), provided, to expose adhesive. Perfectly center each hole locator over each threaded mounting sleeve on the bottom of the Sportwing® (**NOTE: a small piece of masking tape is helpful in holding the hole locator(s) in place**).
4. Carefully flip the Sportwing® over, leaving the hole locator(s) still fastened to the threaded sleeves. 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 locator(s) onto the deck lid using masking tape (**See Diagram B**). When the hole locator(s) is taped in place, carefully lift the Sportwing® up off the deck lid, leaving the hole locator(s) taped on the deck lid. Set the Sportwing® aside.
5. Using a 1/8” or similar drill bit, drill a 1/8” pilot hole in the exact center of each of the 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 1/8” pilot holes to 3/8”.
6. Apply zinc chromate primer or touch-up paint on the edges of the 3/8” holes that you drilled in the deck lid.
7. Leaving the red liner on the bottom of the Sportwing®, place the Sportwing® back onto the outline marks made in Step #2 and check to see that the 3/8” fastening holes in the deck lid align with the threaded mounting sleeves on the bottom of the mounting area. If fastening holes do not align, you can open the holes to 7/16”. When satisfied with the alignment, go to the next step.
8. Close the deck lid. **IMPORTANT!** Place the round tape gasket, provided, centered over the one (1) 3/8” hole that you made in the deck lid.
9. Proper temperature of the deck lid and Sportwing® should be 75°F/24°C, we suggest using a heat gun or hair dryer to activate adhesive on Sportwing before installing. Next, remove the red liner from the mounting tape and lightly place the Sportwing® back onto the deck lid using the outline marks made in Step #2. Before pressing firmly into place, open the deck lid and check that the alignment of the 3/8” holes are aligned with the threaded sleeves. Once you are satisfied with the alignment, press the Sportwing® firmly into place.
10. There is an opening in the secondary panel you will be able to easily fit your hand into, using mounting screw, provided, with lock washer and flat washer, install screw into threaded sleeve of the mounting area and finger partially tighten. Tighten evenly until tight. DO NOT OVER TIGHTEN. Repeat on passenger side (**See Diagram C**).
11. Clean up any metal shavings that might have fallen into the trunk and you are done.

DIAGRAM A



DIAGRAM B



DIAGRAM C



FINISHED PRODUCT

