

DAWN ENTERPRISES INC.

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INSTALLATION INSTRUCTIONS

PART NUMBER: CHALL-PED
FOR: 2009 + Dodge Challenger
EFFECTIVE: 17 JAN 2011

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

INSTRUCTIONS FOR LIGHT BAR REMOVAL

Open deck lid.

Before installing Sportwing®, you will need to remove the factory center light bar located in the center of the deck lid. The light bar removes rather easily. There are a total of eight (8) fasteners holding it in place and one (1) electrical plug that needs to be un-clipped. **See Diagram A below.**

Remove the four (4) black plastic wing nuts. Next, remove the two (2) push pins as shown.

Next, see **Diagram B below.** Remove the black plastic cover as shown. Then, **see Diagram C below.** Remove the last T-15 torque screw holding the light bar in place. Repeat on passenger side, then pry light bar away from clips holding light bar in place. Unplug electrical connectors and place light bar aside.

DIAGRAM A

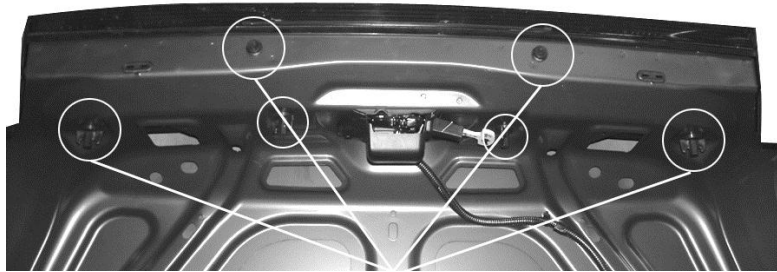
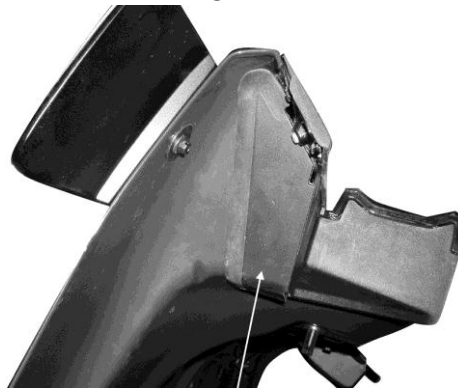


DIAGRAM B



Slide panel out to expose factory T-15 torque screw holding final light bar screw in place. Repeat on passenger side.

DIAGRAM C



Use the T-15 torque driver to remove torque screw.

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INSTALLATION PACKAGE INCLUDES:

- A) 4 – Mounting Screws M6 x 5/8"
- B) 4 – Flat Washers
- C) 4 – Lock Washers
- D) 4 – Paper Hole Locators
- E) 4 – Black Hole Caps 3/4"
- F) Adhesive Pads (for unpainted Sportwing®)
- G) Instruction Sheet

Extra Tools Needed:

- 1. 1 – Drill Bit Extra Long 6" – 1/8" or 5/32"
- 2. 1 – 3/4" Hole Saw to open 1/8" pilot holes secondary panel of deck lid

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NOTE: Open deck lid and remove light assembly. Removes easily, see first page of instructions for removal.

- 1. Place Sportwing® on deck lid. Rear most part of mounting feet should be approximately 1/8" forward of rear most edge of deck lid, **see Diagram A on back of sheet**. Next, center Sportwing® from left to right. Use a grease pencil to outline both mounting feet so that later on in installation you will be able to place Sportwing® back to desired position.
- 2. Next, place the Sportwing® upside-down on a soft cloth so you do not scratch the painted top surface. Using four (4) paper hole locators, provided, remove the liner from the hole locator to expose the adhesive, place the cut out hole in hole locator centered exactly over the four (4) threaded sleeves of the mounting feet of the Sportwing®. Making 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 deck lid that you made in Step #1.
- 3. When Sportwing® is centered on outline marks made in Step #1, and making sure that the four (4) paper hole locators did not move, tape all four (4) hole locators to the deck lid using masking tape. Next, carefully lift the Sportwing® off of the deck lid, leaving the hole locators taped to the deck lid. Set Sportwing® aside.
- 4. Holding drill straight up drill 1/8" or similar hole through the exact center of the paper hole locator through the top panel of the deck lid and continue drilling through the secondary panel of deck lid (**NOTE: you will need an extra long drill bit**). Repeat this procedure on remaining three (3) paper hole locators.
- 5. Open the trunk and using 3/4" hole saw, open up the four (4) 1/8" pilot holes drilled in the secondary panel to 3/4". This will give you access to the top panel for your screwdriver later. 3/4" black hole caps have been provided to cover these holes upon finishing.
- 6. Remove the hole locators and using a uni-bit (**NOTE: we suggest using a uni-bit for a cleaner cut**) open the four (4) 1/8" pilot holes on top panel to 3/8".
- 7. 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.
- 8. A second person is helpful for this step. Place the Sportwing® back onto the outline marks that you made in step #1, holding onto the Sportwing®, open the deck lid and make sure 3/8" holes in deck lid align with mounting holes on the bottom of mounting feet. If holes do not align, relocate Sportwing® if necessary or you may have to open 3/8" holes to 7/16". Repeat procedure until alignment is correct. Install mounting screws with lock washers, tighten screws half way until all four are started then tighten. **DO NOT OVER TIGHTEN**. Cover 3/4" holes in secondary panel using 3/4" black plugs provided. Replace light bar assembly.

9. Clean up all metal shavings 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



Place rear most mounting foot approximately 1/8" from definite edge.